TEST REPORT

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RENDERED TO

ALCOA Architectural Products
555 Guthridge Court
Norcross, GA 30092

PRODUCT EVALUATED: Reynobond® FR Exterior Non-loadbearing Wall System using Reynobond® RB160FR Panels with Core 06 (Reynobond® Panels with Aluminum Clips and Framing Extrusions)

EVALUATION PROPERTY: Fire Spread Characteristics

Report of Testing Reynobond® FR Exterior Non-loadbearing Wall System using RB160FR Panels with Core 06 for compliance with the applicable requirements of the following criteria: CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies*.

1 Table of Contents

2 Introduction

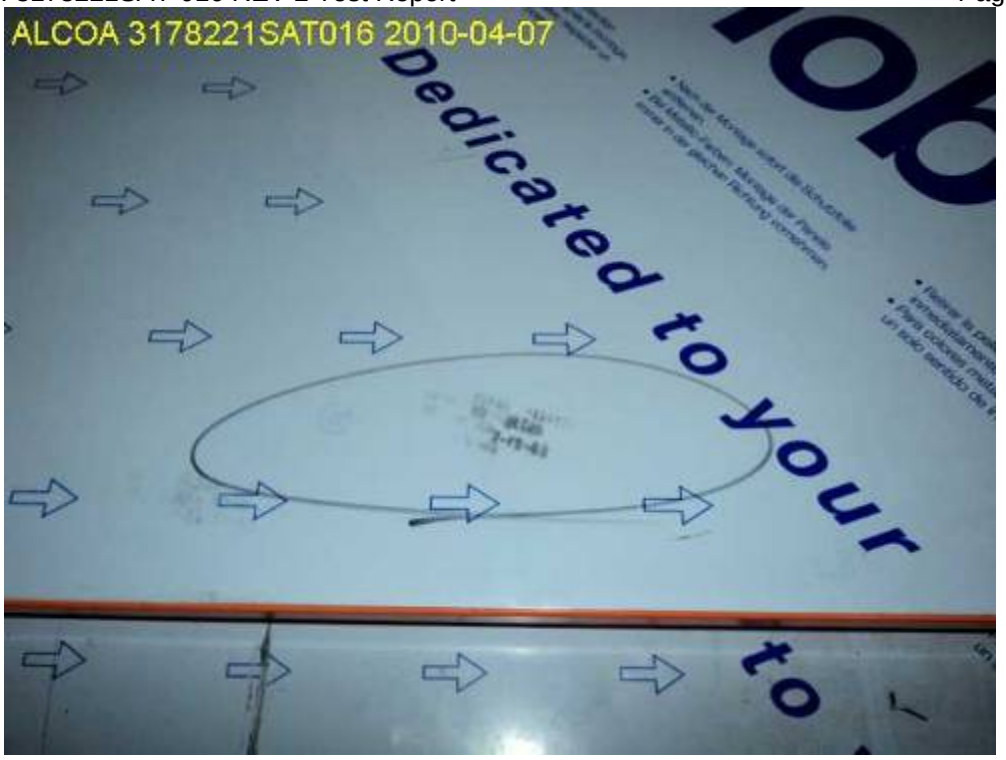
Intertek Testing Services NA, Inc. (Intertek) has witnessed testing conducted by National Research Center of Canada, Building U-96, Ottawa, Ontario, Canada, K1A 0R6 for ALCOA Architectural Products, on the Reynobond® FR Exterior Non-loadbearing Wall System using RB160FR Panels with Core 06, to evaluate fire spread characteristics over their exterior surface, heat flow from the fire plume to their exterior surface, and fire spread within the test assembly. Testing was conducted in accordance with and following the standard methods of CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies*. This evaluation began with the test assembly construction on April 6, 2010, and was completed after the fire test was conducted on April 8, 2010.

3 Test Samples

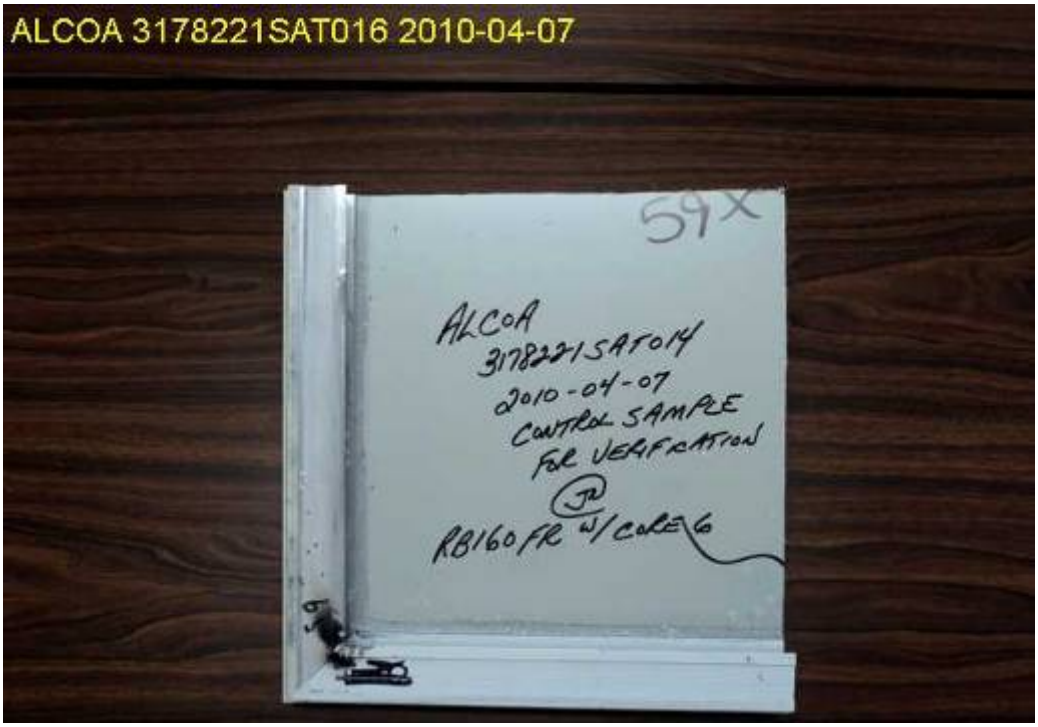
3.1. SAMPLE SELECTION

Samples were produced on July 8, 2009 and randomly selected and stamped (OPL Ink Stamp) on July 13, 2009 by Intertek representative Randy Hensley, at the ALCOA Architectural Products manufacturing facility, located at 50 Industrial Blvd, Eastman, GA 31023. Samples sent to a fabrication facility and made into exterior cladding panels used in the CAN/ULC S144 test. Samples were received at the Evaluation Center, National Research Center of Canada, Building U-96, Ottawa, Ontario, Canada, on April 6, 2010.

The samples were delivered by common carrier, Epic Express, to the National Research Center of Canada, Building U-96, Ottawa, Ontario, Canada from Compass Cladding Incorporated, 3180 262nd Street #2, Aldergrove, BC V4W 2Z6.



The subject test specimen is a traceable sample selected from the manufacturer's facility. Intertek selected the specimen and has verified the manufacturing techniques and quality assurance procedures and will use verification testing to confirm certified product's (RB160FR Panels) composition. A control sample of the test specimen has been taken and marked by John D. Nicholas.

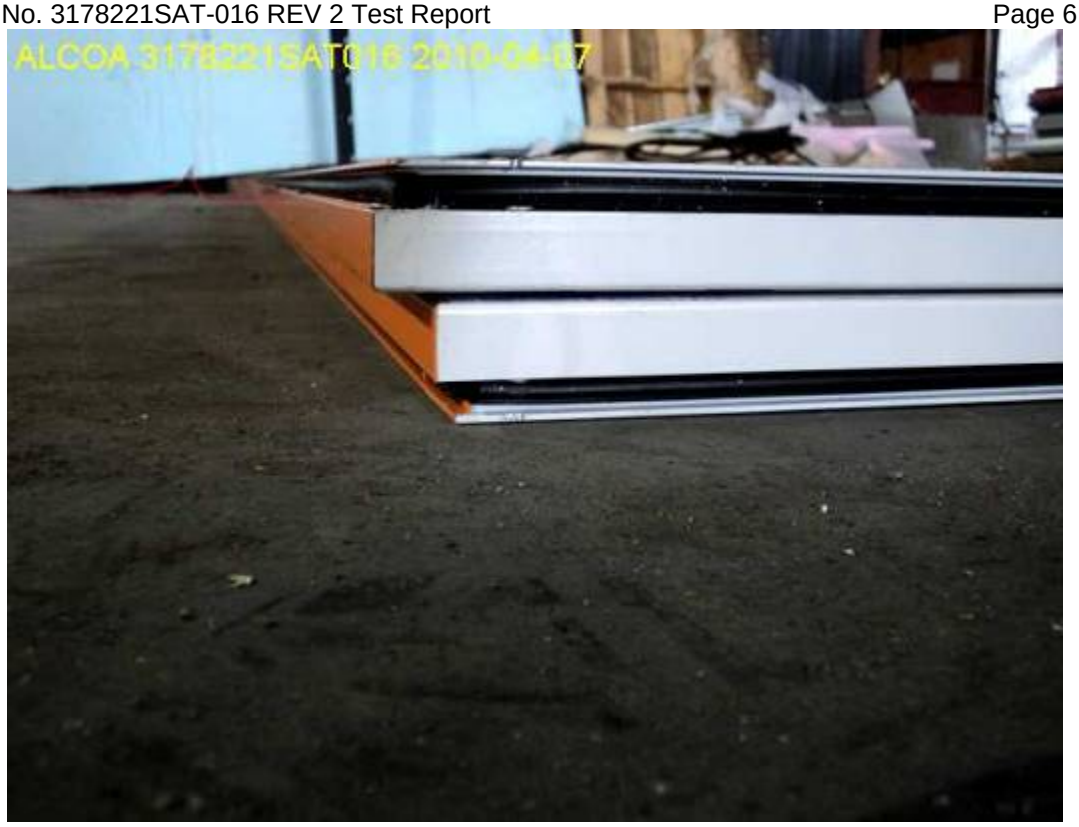


3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Report of Testing of the Reynobond® FR Exterior Non-loadbearing Wall System using RB160FR Panels with Core 06 for compliance with the applicable requirements of the following criteria: CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 A.*

The samples being assessed by this fire test are described as follows. The Reynobond® FR Exterior Non-loadbearing Wall System is composed of Reynobond®'s RB160FR Panels with Core 6, aluminum clips, and aluminum framing extrusions. Reynobond®'s RB160FR, is an aluminum composite building panel used as the exterior cladding of buildings. Reynobond® FR with Core 06 panels use a proprietary, fire-resistant (FR), compounded resin, formulation. The RB160FR panels use a "route and return" method to form a tray like shape that fits into aluminum framing attached to the back of the Reynobond® RB160FR panels as noted in the following drawings. There is a "rubber gasket" used in the Reynobond® RB160FR panels that is a thermoplastic elastomeric extrusion called Santoprene®.

Reynobond® FR with Core 06 is available in a nominal 0.157-inch panel thickness designated RB160FR (4mm). The nominal panel weight of the RB160FR (4mm) is 1.63-psf density. The proprietary, fire-resistant (FR), compounded resin core of the Reynobond® RB160FR panel is sandwiched between two aluminum sheets, aluminum alloy 3105 H25, formed into a continuous process. The aluminum sheet thickness for the RB160FR panel is nominally 0.020-inch thick.



The test assembly is full scale, measuring 7.1m high above the top of the opening (9.991m high overall) by 5.016m wide, in compliance with CAN/ULC S134-92 *Standard Method of Fire Test of*

Exterior Wall Assemblies requirements of Section 5, Test Specimen, Subsection 5.1.2, which states.

> 5.1.2 The test specimen shall extend from a level equal to the base of the combustion chamber to not less than 7 m above the top of the opening and shall be at least 5 m wide.

The non-loadbearing exterior wall test assembly is assembled using Reynobond® RB160FR panels that are interlocked using the aluminum clips and aluminum framing extrusions (tracks and splines) to form a grid pattern. The grid pattern has a vertical recessed 5/8-inch wide joint centered over the window opening in the test assembly and test apparatus.

ALCOA Architectural Products engaged the services of Mr. Ken Chatwin and Mr. Dennis Hassell of Compass Cladding Incorporated, 3180 262nd Street #2, Aldergrove, BC V4W 2Z6 to construct the non-loadbearing exterior wall test assembly on April 7, 2010. The construction of the non-loadbearing exterior wall test assembly was witnessed by Mr. Kevin R. “Dutch” Juedeman of ALCOA Architectural Products and Mr. John D. Nicholas of Intertek.

As a supplement to the installation procedures documented in this section, refer to APPENDIX A – Test Apparatus and Test Assembly Drawings for photographic documentation of the construction process.

The instrumentation was installed by Mr. Eric Gibbs of the National Research Center of Canada, Building U-96, Ottawa, Ontario, Canada, on April 7, 2010. The conduct of the test was under the auspice of Mr. Bruce Taber, Laboratory Manager. Mr. Eric Gibbs controlled the gas flow to the test apparatus.

The masonry face of the test apparatus is covered with a single layer of nominal 5/8-inch thick, Type X, gypsum board.

The non-loadbearing exterior wall test assembly is assembled as follows: a aluminum framing extrusion (orange track in photographs) designed for the base of the test apparatus is attached to the face of the test apparatus using nominal 1-3/4-inch long, 1/4-inch diameter, Tapcons

(hex-head concrete screws). Another horizontal aluminum framing extrusion (orange track in photographs) is mirrored and attached to the bottom of the window opening in the same manner.

Aluminum clips are attached to the Reynobond® RB160FR panel. For Reynobond® RB160FR panels attached to the left side of the test apparatus the aluminum clips are located top and left and right panel sides. For Reynobond® RB160FR panels attached to the right side of the test apparatus the aluminum clips are located top and right panel side. For Reynobond® RB160FR panels the aluminum clips spaced nominally 400mm on center are located top and the sides as noted herein. For purposes of clarity all odd numbered panels are located on the left hand side of the test assembly.

The Reynobond® RB160FR panel (#1) is slid into the left ends of the horizontal aluminum framing extrusions, top and bottom (orange tracks in photographs). The right side of the Reynobond® RB160FR panel is located at the approximate vertical centerline of the test apparatus. There is a 5/8-inch wide reveal created between the Reynobond® RB160FR panels by the aluminum framing extrusions (orange track in photographs or red spline in photographs), which creates a 5/16-inch offset from the vertical centerline of the test apparatus. The aluminum clips attached to three sides (top and sides) of the Reynobond® RB160FR panel are then secured to the test apparatus masonry face using nominal 1-3/4-inch long, 1/4-inch diameter, Tapcons. Then a vertical aluminum framing extrusion (red spline in photographs) is inserted into the horizontal aluminum framing extrusions (top and bottom – orange track in photographs), slide into the aluminum framing of the Reynobond® RB160FR panel located at the center of the test assembly.

The Reynobond® RB160FR panel (#2) is slid into the opposite ends of the horizontal aluminum framing extrusions, top and bottom (orange track in photographs). The left side of the Reynobond® RB160FR panel is slid into the vertical aluminum framing extrusion (red spline in photographs) located at the approximate vertical centerline of the test apparatus. The Reynobond® RB160FR panel is secured to the test apparatus face using nominal 1-3/4-inch long, 1/4-inch diameter, Tapcons placed through the aluminum clips attached to the top and right side of the Reynobond® RB160FR panel. Two vertical aluminum framing extrusions (orange track in photographs) are fastened to the test apparatus on each side of the window opening. Two horizontal aluminum framing extrusions (red spline in photographs) are set into the top of Reynobond® RB160FR panels' (#1 and #2) framing.

The Reynobond® RB160FR panel (#3) adjacent to the window opening is slid down onto the horizontal aluminum framing extrusion (red spline in photographs) and slid right into the left side vertical aluminum framing extrusion (orange track in photographs) adjacent to the left side of the window opening. The aluminum clips attached to two sides (top and left side) of the Reynobond® RB160FR panel are then secured to the test apparatus masonry face using nominal 1-3/4-inch long, 1/4-inch diameter, Tapcons.

The Reynobond® RB160FR panel (#4) adjacent to the window opening is slid down onto the horizontal aluminum framing extrusion (red spline in photographs) and slid left into the right side vertical aluminum framing extrusion (orange track in photographs) adjacent to the right side of the window opening. The aluminum clips attached to two sides (top and right side) of the Reynobond® RB160FR panel are then secured to the test apparatus masonry face using nominal 1-3/4-inch long, 1/4-inch diameter, Tapcons. Two horizontal aluminum framing extrusions (red spline in photographs) are set into the Reynobond® RB160FR panel's (#3 and #4) framing. A horizontal aluminum framing extrusion (orange track in photographs) designed for the upper sill of the window opening is attached to the masonry face of the test apparatus using nominal 1-3/4-inch long, 1/4-inch diameter, Tapcons (hex-head concrete screws).

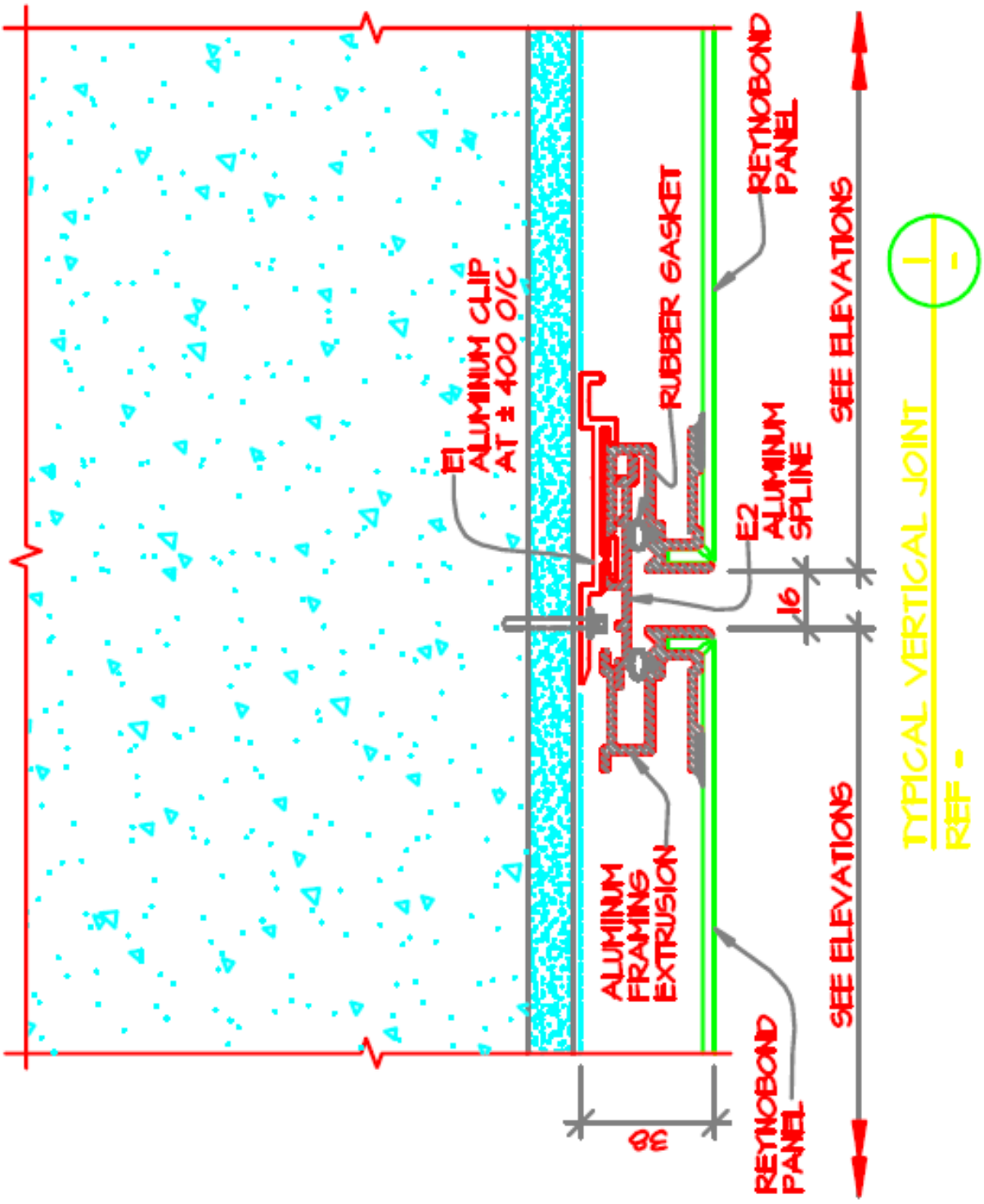
The NRC FRC laboratory personnel attached the instrumentation to the back and face of Reynobond® RB160FR panel (#5). The instrumentation was located approximately 2 inches to the left of the centerline of the test apparatus and 2 inches below the designated elevation location. The Reynobond® RB160FR panel above the window opening is slid down onto the horizontal aluminum framing extrusion (red spline in photographs) and down onto the aluminum framing extrusion (orange track in photographs) attached above the window opening and slid right to the approximate vertical centerline of the test apparatus. The aluminum clips attached to three sides (top and sides) of the Reynobond® RB160FR panel are then secured to the test apparatus masonry face using nominal 1-3/4-inch long, 1/4-inch diameter, Tapcons. Then a vertical aluminum framing extrusion (red spline in photographs) is inserted into the horizontal aluminum framing extrusion (orange track in photographs) attached above the window opening and into the right side of the Reynobond® RB160FR panel.

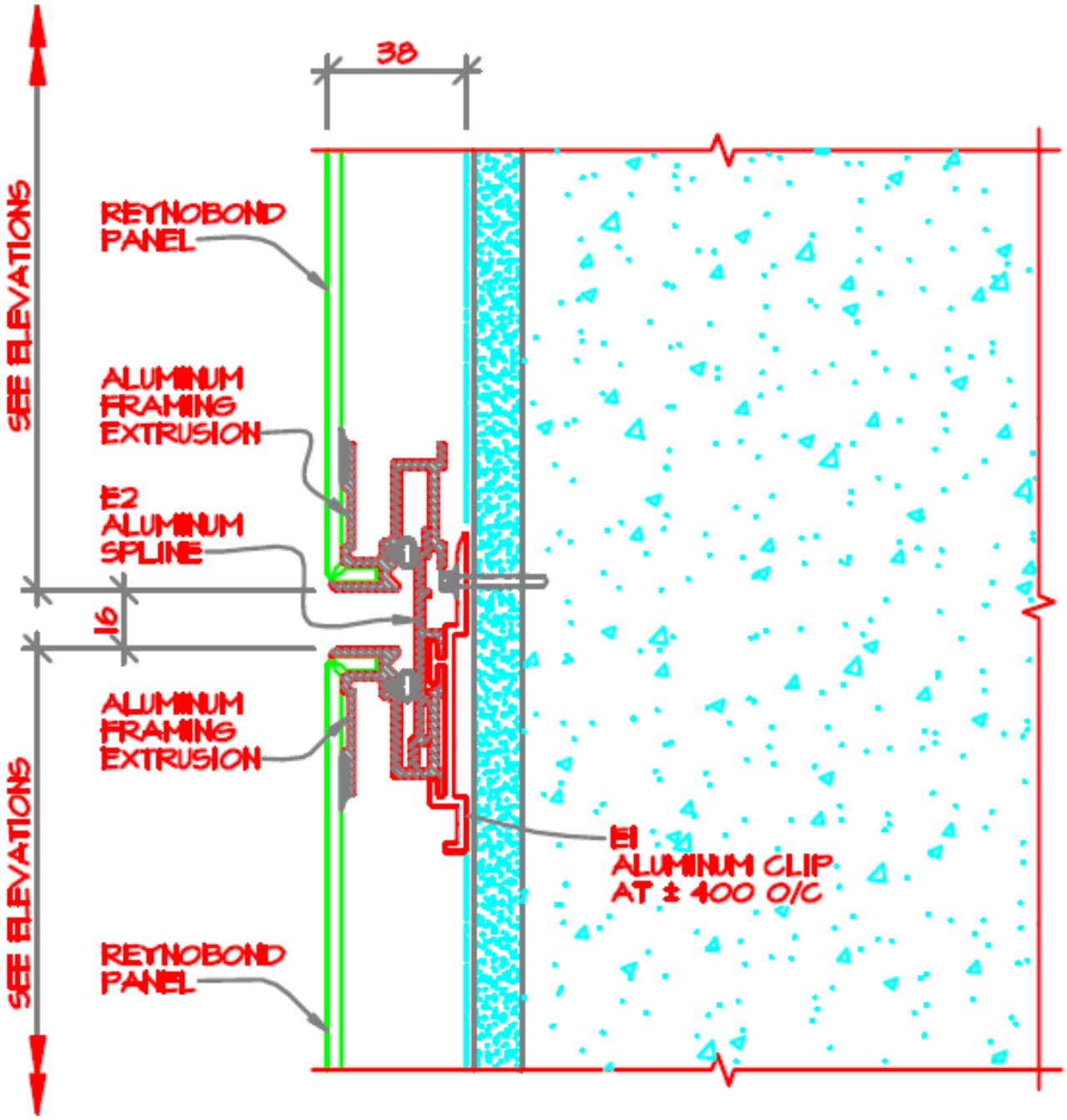
The Reynobond® RB160FR panel (#6) above the window opening is slid down onto the horizontal aluminum framing extrusion (red spline in photographs) and down onto the aluminum framing extrusion (orange track in photographs) attached above the window opening and slid left to the approximate vertical centerline of the test apparatus into the vertical aluminum framing extrusion (red spline in photographs). The Reynobond® RB160FR panel is secured to the test apparatus face using nominal 1-3/4-inch long Tapcons placed through the aluminum clips. A horizontal aluminum framing extrusion (red spline in photographs) is continuously inserted into the aluminum framing at the top of the Reynobond® RB160FR panels (#5 and #6).

The NRC FRC laboratory personnel attached the instrumentation to the back and face of Reynobond® RB160FR panel (#7). The instrumentation was located approximately 2 inches to the left of the centerline of the test apparatus and 2 inches below the designated elevation location. The Reynobond® RB160FR panel (#7) is slid down onto the horizontal aluminum framing extrusion (red spline in photographs) and slid right to the approximate vertical centerline of the test apparatus. The Reynobond® RB160FR panel is secured to the test apparatus face using nominal 1-3/4-inch long Tapcons placed through the aluminum clips. The Reynobond® RB160FR panel's right edge receives a vertical aluminum framing extrusion (red spline in photographs). A vertical aluminum framing extrusion (red spline in photographs) is inserted into right side of the aluminum framing of the Reynobond® RB160FR panel.

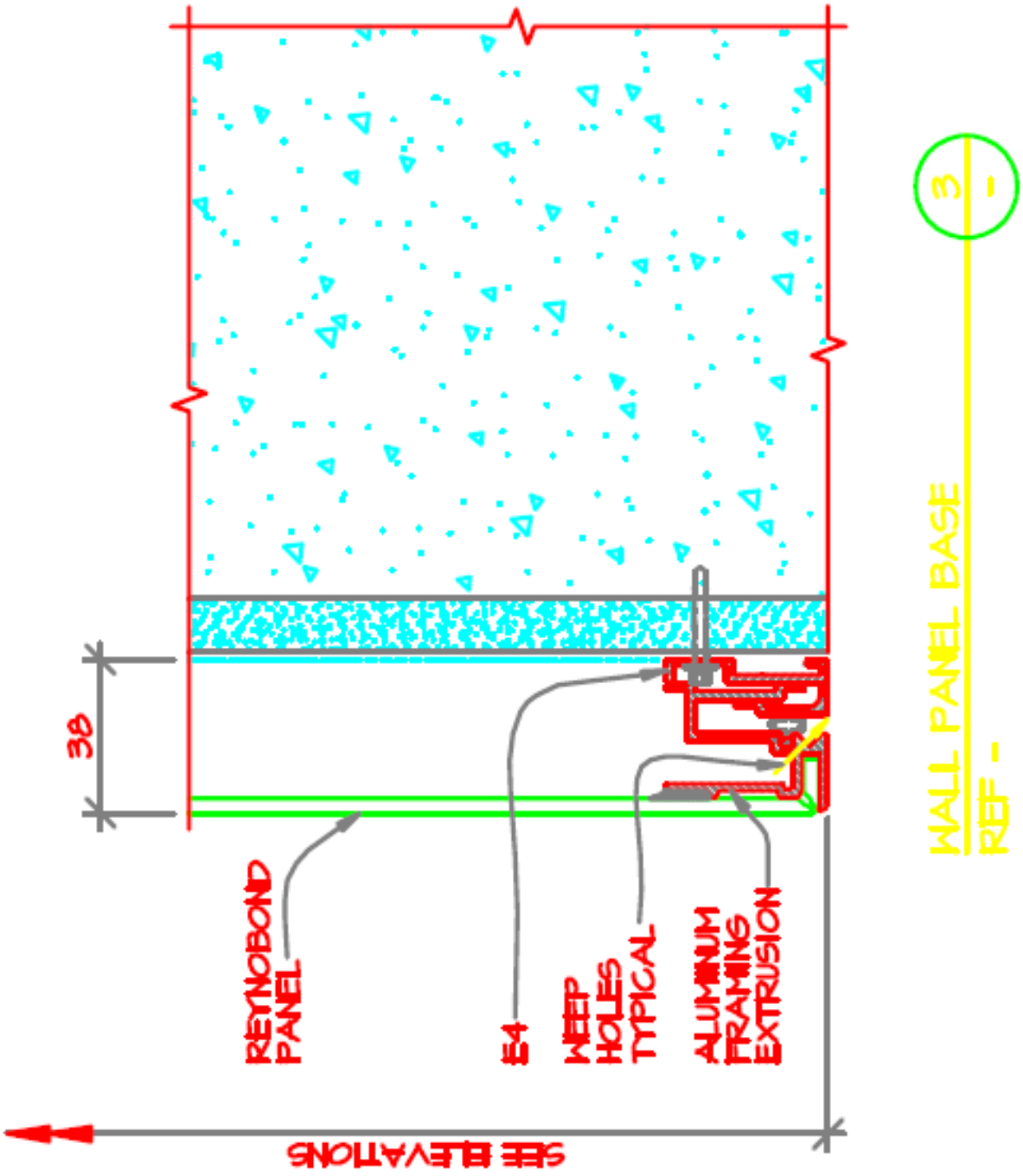
The Reynobond® RB160FR panel (#8) is slid down onto the horizontal aluminum framing extrusion (red spline in photographs) and slid left to the approximate vertical centerline of the test apparatus into the vertical aluminum framing extrusion (red spline in photographs). The Reynobond® RB160FR panel is secured to the test apparatus face using nominal 1-3/4-inch long Tapcons placed through the aluminum clips. A horizontal aluminum framing extrusion (red spline in photographs) is continuously inserted into the aluminum framing at the top of the Reynobond® RB160FR panels (#7 and #8).

The above process for Reynobond® RB160FR panels (#7 and #8) is repeated for the remaining panel installation (Reynobond® RB160FR panels #9 through #14). The NRC FRC laboratory personnel attached the instrumentation to the back and face of the Reynobond® RB160FR panel (#9 and #11). The instrumentation was located approximately 2 inches to the left of the centerline of the test apparatus and 2 inches below the designated elevation location.


E1
ALUMINUM CLIP
AT ± 400 O/C
RUBBER GASKET
RETNOBOND
PANEL
SEE ELEVATIONS
E2
ALUMINUM
SPLINE
16
ALUMINUM
FRAMING
EXTRUSION
38
RETNOBOND
PANEL
SEE ELEVATIONS
TYPICAL VERTICAL JOINT
REF -
1
-



TYPICAL HORIZONTAL JOINT 2
REF - -


3
-
WALL PANEL BASE
REF -
38
REYNOBOND PANEL
E4
WEEP HOLES TYPICAL
ALUMINUM FRAMING EXTRUSION
SEE ELEVATIONS

4 Testing and Evaluation Methods

Sample Preparation and Conditioning are described by CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies* as follows:

5.2 CONDITIONING

5.2.1 During conditioning, the test specimen shall be protected from precipitation and kept within the temperature range specified by the manufacturer(s) for the curing of components.

5.2.2 Test specimens which are factory-manufactured shall be left to stand following installation on the test facility for a period of time sufficient for each component in the assembly to be considered cured for the purposes of the test.

5.2.3 Test specimens which consist of components that are field applied (such as coatings) shall be left to stand for a period of time which is sufficient to cure all components for the purposes of the test and is in accordance with the manufacturer's instructions for curing.

4.1. INSTRUMENTATION

As a supplement to the information documented in this section, refer to APPENDIX A – Test Apparatus and Test Assembly Drawings for photographic documentation of the instrumentation. Data collection is obtained by the instrumentation described by CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 B* as follows:

4. INSTRUMENTATION

4.1 Not less than three liquid-cooled heat flow transducers[2] shall be installed through the test specimen and the front wall of the test facility 3.5 ± 0.05 m above the top of the opening, one within 0.2 m horizontally of the centre line of the opening and one on each side and within 0.5 ± 0.1 m horizontally of the first (see Figure 2). The transducers shall not be located on studs or furring strips that may be present in the test specimen, while maintaining the dimensions in Clause 4.1, as closely as possible.

NOTE: For specimens whose outer surfaces are not flat (e.g. contoured, corrugated, etc.) placement of the transducers should be made with consideration given to the nature of the flame front so that the maximum heat flux density from the flame to the wall assembly will be measured.

4.2 The transducers shall be installed so that their sensing faces are, as far as possible, flush with the outer face of the test specimen.

4.3 Type K bare-beaded thermocouples not greater than 0.51 mm diameter shall be used to monitor temperatures of the specimen and shall be located on the vertical centre line above the opening, at 1.5 ± 0.05 m, 2.5 ± 0.05 m, 3.5 ± 0.05 m, 4.5 ± 0.05 m, and 5.5 ± 0.05 m above the opening (see Figure 3).

4.4 At each level specified in Clause 4.3, one thermocouple shall be installed on the outer face of the test specimen and one on the outer face of each representative layer within the specimen. (Refer to Appendix B for typical methods of thermocouple application.)

4.2. TEST STANDARD

The test assembly was subjected to the fire exposure in accordance with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies*.

8. TEST PROCEDURE

8.1 Once the ambient conditions specified in Section 6 are met, the burners shall be ignited as described in Clauses 7.3.1 through 7.3.3.

8.2 The data acquisition system shall be started when the main burners are ignited. Readings of elapsed time and heat flux density shall be recorded at intervals of 5 s or less. Readings of ambient conditions, mass flow rate of gas and thermocouple temperatures shall be recorded at intervals of 20 s or less.

NOTE: It is recommended that a timing device be mounted in a visible location.

8.3 Visual observations of the flame front shall be made during the test.

NOTE: It is recommended that visual observations be supplemented with the use of video recording equipment and still color photos.

8.4 Visual observations shall also be made before and after the exposure period of the test.

8.5 The exposure period of the test, in accordance with Clause 7.3.4, shall be carried out as described in Clauses 8.6 through 8.8. (See also Figure 7.)

8.6 The mass flow rate of gas shall be increased directly proportional to time to reach the steady supply rate in 5 min ± 15 s.

8.7 The steady supply rate of gas shall be continued for 15 min.

8.8 The mass flow rate of gas shall be decreased directly proportional to time to reach zero flow rate in a minimum of 5 min.

8.9 Following fire exposure, the recording of data shall continue until self-extinguishment of the specimen occurs.

8.10 The test may be terminated at any time if the flames extend to the top of the specimen.

8.11 Following cooling of the test facility and the specimen, remove distinct layers of the specimen, documenting fire damage.

4.2.1. Deviation From Standard Method

No deviations from the test standard's fire testing protocols were noted. Instrumentation deviations are noted as follows:

- Vane Anemometers – NRC explanation: test apparatus located within a building negating the need to monitor wind velocity. No negative or positive effect upon the test protocols is noted by the absence of these devices.
- Thermometer – NRC FRL uses the National Weather Service to obtain the temperature information. No negative or positive effect upon the test protocols is noted by the absence of this device.
- Hygrometer – NRC FRL uses the National Weather Service to obtain the humidity information. No negative or positive effect upon the test protocols is noted by the absence of this device.

After the test assembly was constructed on the face of the test apparatus, conditioned and prepared in accordance with the test standard, and the ambient test conditions met, the burners were ignited. The gas flow was regulated in accordance with the calibration data to achieve the fire exposure based on Sections 8.6 through 8.8 of the test standard.

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

This documentation is to comply with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 C.*

The test was initiated on April 9, 2010. A representative, Kevin "Dutch" Juedeman, from ALCOA Architectural Products was present to witness the test. According to the Canadian National Weather Service (http://weatheroffice.gc.ca) the ambient temperature and humidity at the time of the test were 4°C (39°F) and 65%, respectively. There was no fog or precipitation during the test period. There was no visible moisture on the test assembly at the time of the test. The ambient air velocity did not exceed 2 m/s during the test period as measured by the vane anemometers.

This documentation is to comply with the following:

- The requirement for visual observations and descriptions during the fire test, the test assembly's condition after the fire test, and potential damage observed to the test assembly during its forensic dismantling in accord with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 F (ii, iii, and iv).*

- The requirement for visual fire spread over their exterior surface in accord with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 G (i).*

As a supplement to the observations documented in this section, refer to APPENDIX D – Fire Test for photographic documentation of the CAN/ULC S134-92 fire test.

Observations made during the test are listed below:

Time (min:sec)	Observation
00:00	Test Commenced – Burner Ignition
02:00	Flames exiting window opening in wall test assembly
03:50	Flame plume reaches approximately 2.0 m & panel deformation beginning
04:30	Panels bulging
05:00	Gas steady
05:10	Flames on surface of North panel to approximately 1.0 M
05:30	Flames on North panel to approximately 1.0 M
05:40	Flames no longer visible on panel – flames in plume to 2.5 m
06:00	Pieces of panels falling from wall test assembly
06:30	Flames on both panels directly above window opening in wall test assembly
06:45	Flaming debris falling from wall test assembly
07:15	Light flames along centerline of wall test assembly to 1.5 m
07:35	Larger pieces of panels falling from wall test assembly
08:00	Heavy flames along centerline of wall test assembly to 1.5 m
09:00	/\ -shaped burn pattern with 2.0 m wide base
10:00	/¯\ -shaped burn pattern with 2.5 m wide base and 1.0 m wide top Flame plume reaches to 2.5 m
11:00	Flame plume intermittently reaches to 3.0 m
14:00	Edges of opened burned area beginning to flame

14:10	Panel opens to seam at 3.0 m
14:30	Flame plume intermittently reaches to 3.5 m
15:00	/\ -shaped burn pattern: 3.0 m tall with 2.5 m wide base and 1.0 m wide top
17:00	Flames visible behind panels skins on both sides of centerline
17:50	Flames along horizontal seam at 3.0 m
20:00	Gas reduction begins – Inverted U burn pattern widening at top
22:30	Flames along edges of burn pattern diminishing
25:00	Gas terminated – Light flames along edges of inverted U burn pattern
29:00	Steady burning at five locations along edges of inverted U burn pattern
32:20	Flames extinguished

5.2. EXAMINATION OF RESULTS

This documentation is to comply with the following requirements:

9. TEST RESULTS

9.1 GENERAL

9.1.1 The performance of the test specimen shall be judged on the basis of visual observations and recorded data. Averaging heat flux density and thermocouple results over a one minute period is required to smooth momentary peaks yet preserve important changes over time. (A typical method of averaging results can be found in Appendix C.)

9.1.2 The temperatures recorded by thermocouples installed in the specimen provide additional information about fire penetration into the specimen and possible fire spread inside the specimen (e.g. in cavities or behind a coating).

This is a quantitative fire test, not a qualitative one. The results are reported and used by Authorities Having Jurisdiction (AHJ) to assess conformance to local building and fire codes. Typically the CAN/ULC S134-92, *Standard Method of Fire Test of Exterior Wall Assemblies,* test results are compared to the Canadian Building Code requirements.

This documentation is to comply with the following:

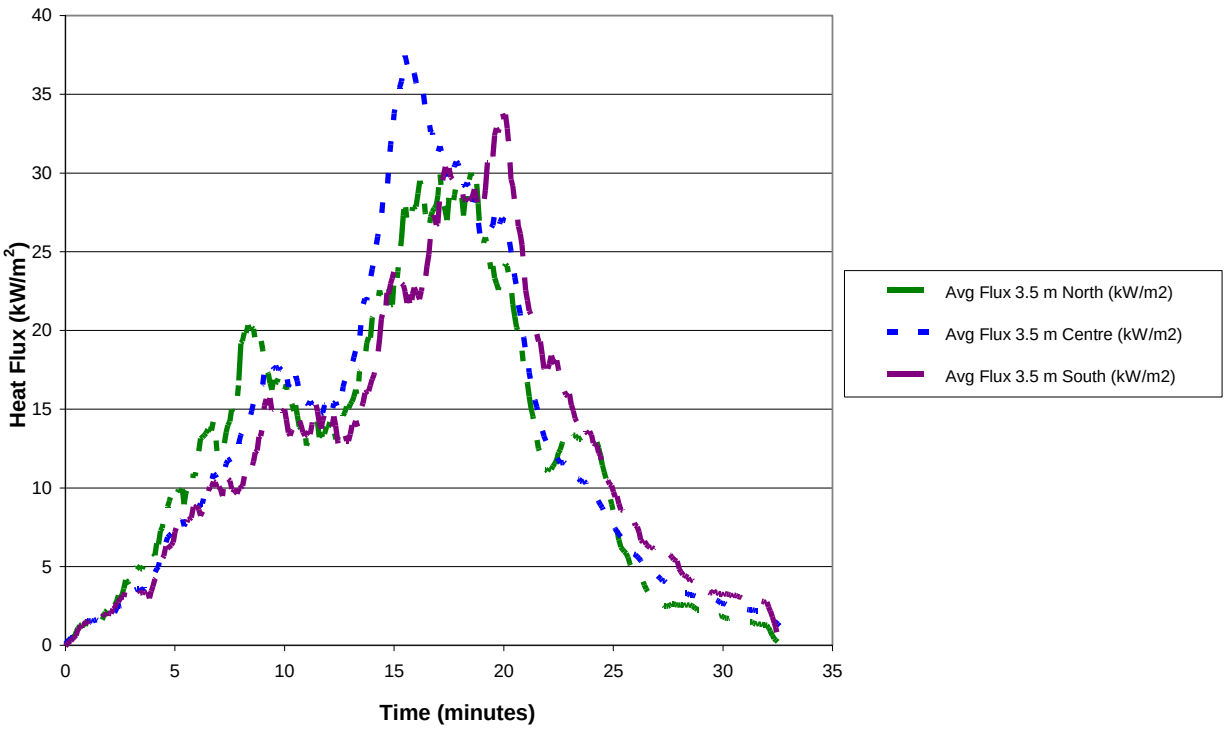
- The requirement for heat flow from the fire plume to their exterior surface (heat flux density recorded 3.5m above the window opening) in accord with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 G (ii).*

As a supplement to the observations documented in this section, refer to APPENDIX G – Test Data for documentation of the CAN/ULC S134-92 fire test.

The greatest heat flux on the wall assembly occurred as follows:

Gardon Gage Location @ 3.5 m Above Window Opening	**Maxim Heat Flux – kW/m^2**	**Time – Minutes**
0.5 m to North Side of Centerline	29.99	18.67
Centerline	37.45	15.50
0.5 m to South Side of Centerline	33.94	19:91

Heat Flux @ 3.5 Meter Elevation



6 Conclusion

Intertek Testing Services NA, Inc. (Intertek) has witnessed testing conducted by National Research Center of Canada, Building U-96, Ottawa, Ontario, Canada, for ALCOA Architectural Products, on the Reynobond® FR Exterior Non-loadbearing Wall System using RB160FR Panels with Core 06, to evaluate fire spread characteristics over their exterior surface, heat flow from the fire plume to their exterior surface, and fire spread within the test assembly. Testing was conducted in accordance with and following the standard methods of CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies*. This evaluation began with the test assembly construction on April 6, 2010, and was completed after the fire test was conducted on April 8, 2010.

The conclusion is that the information contained in this test report may be used as part of the requirements for Intertek product certification provided that it is supported by an Evaluation. Authority to Mark must be issued for a product to become certified.

INTERTEK TESTING SERVICES NA, INC.

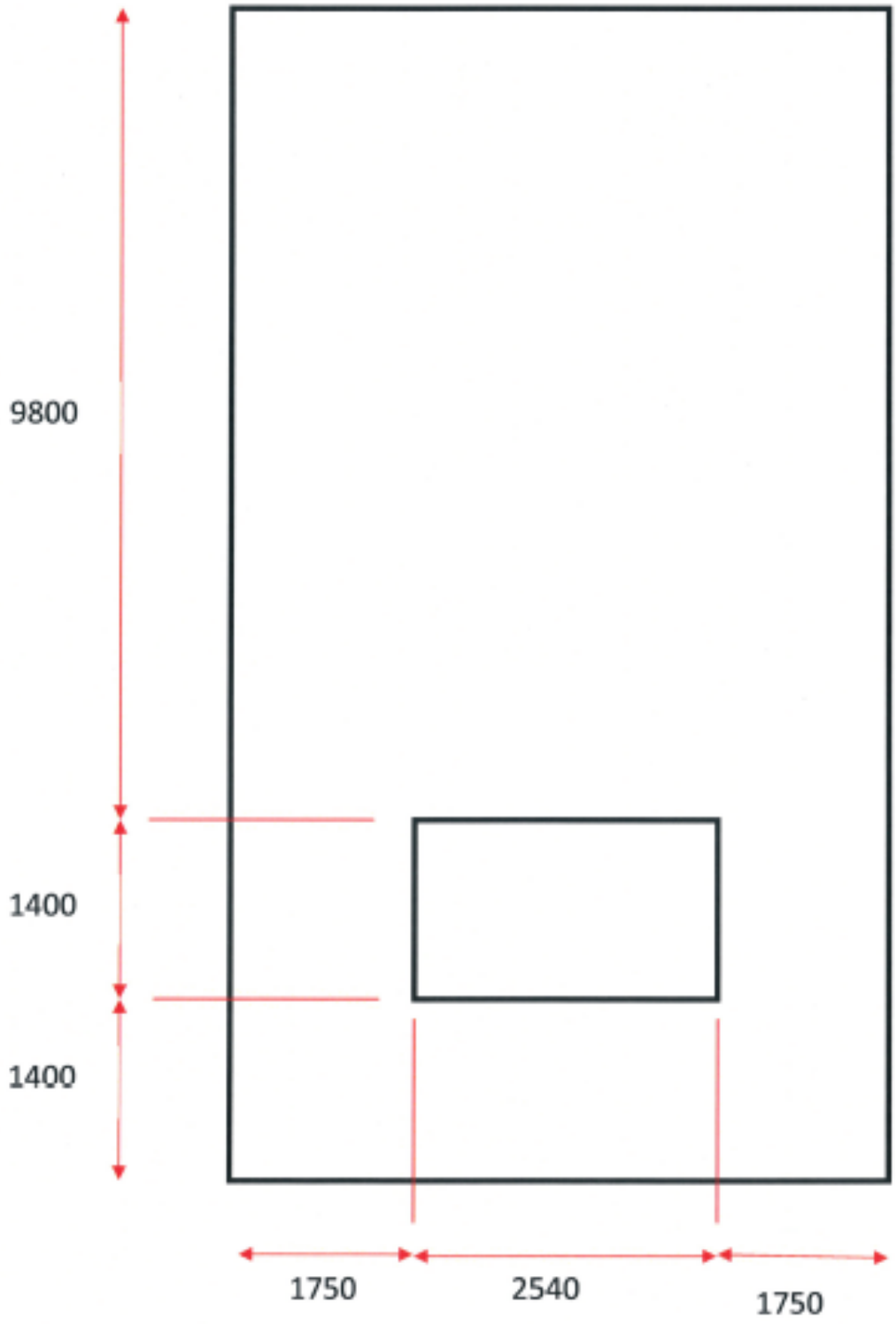
Reported by:

John D. Nicholas
Project Manager

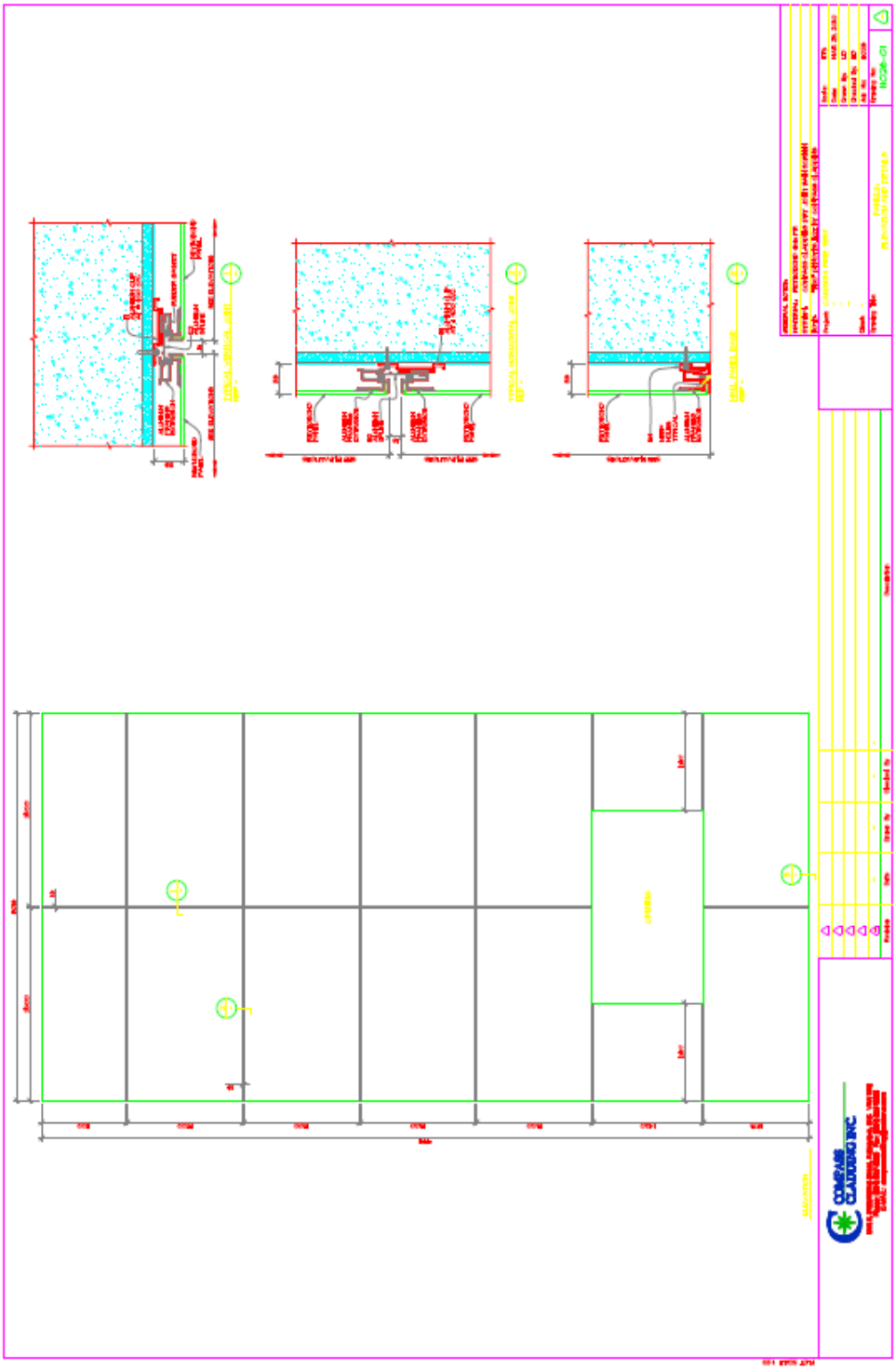
Reviewed by:

Mike Dey
Operations Manager

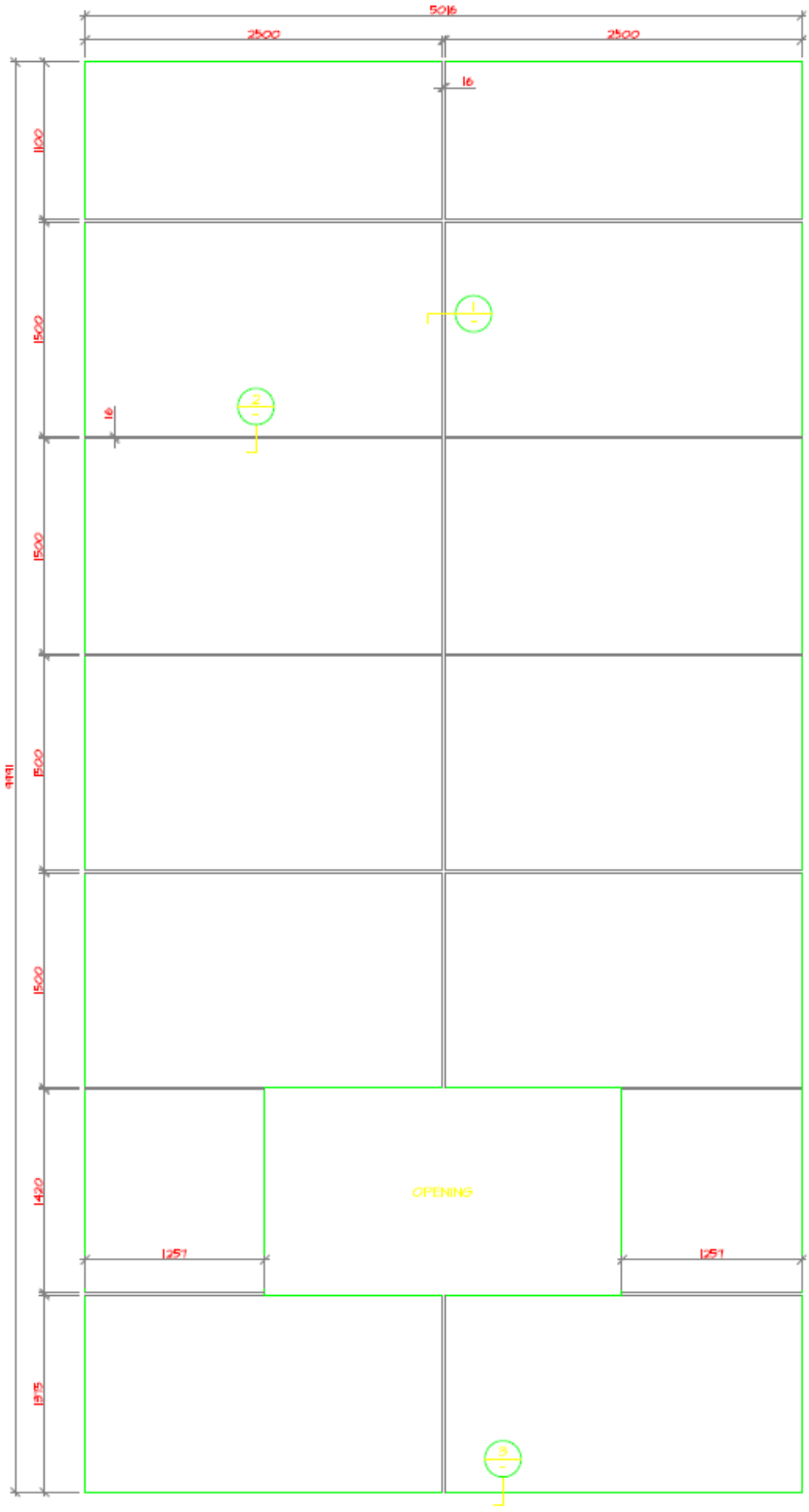
APPENDIX A – Test Apparatus and Test Assembly Drawings



National Research Center of Canada, Building U-96, Ottawa, Ontario, Canada
Test Apparatus Dimensions



ALCOA Architectural Products Test Assembly Drawing



ALCOA Architectural Products Test Assembly Dimensions

APPENDIX B – Test Apparatus Drawings & Photographs

APPENDIX A

A1. TYPICAL TEST FACILITY

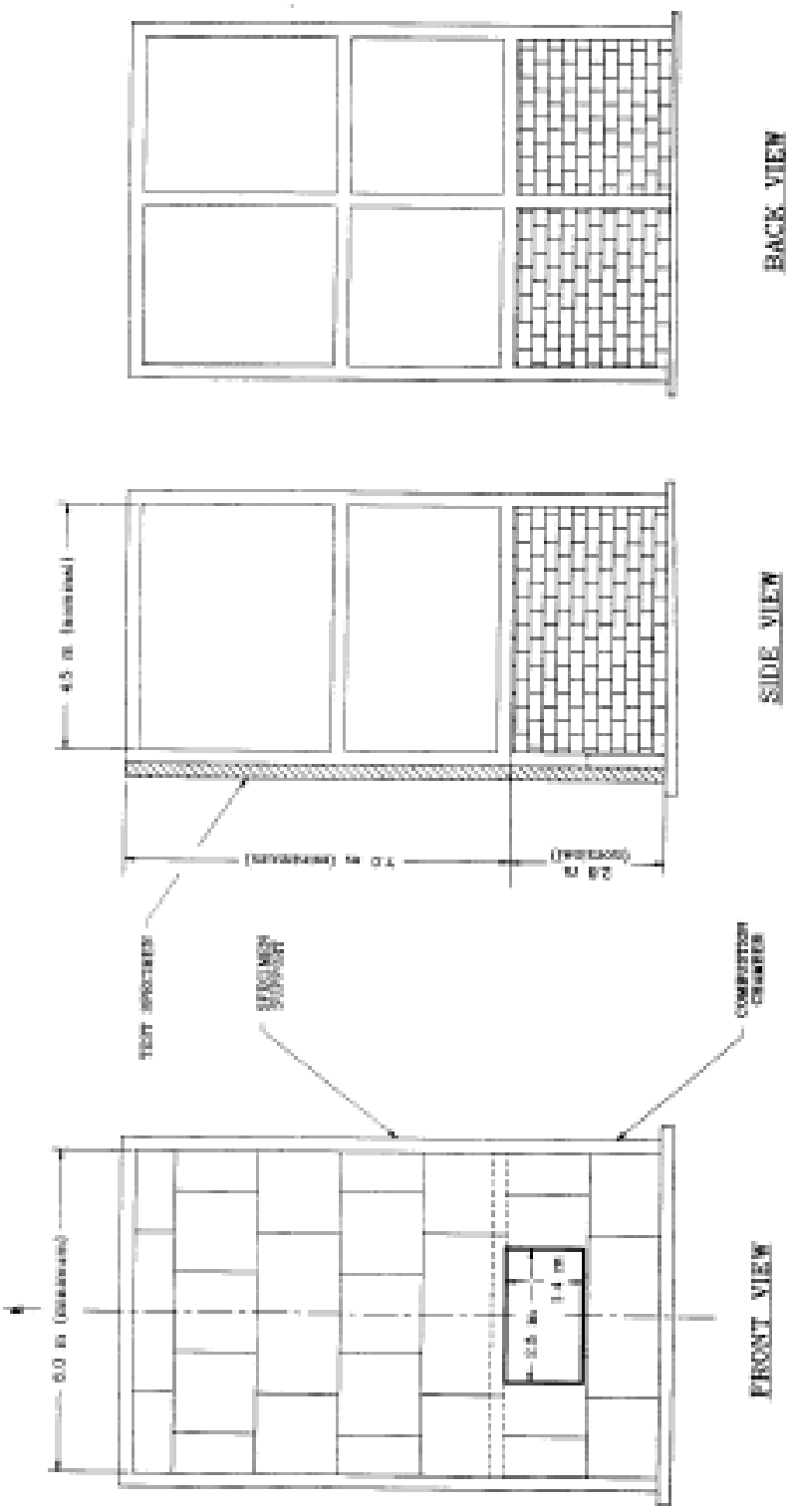
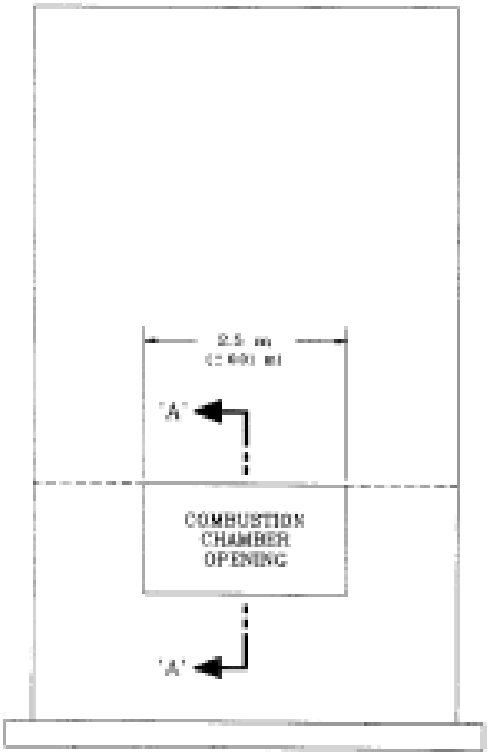
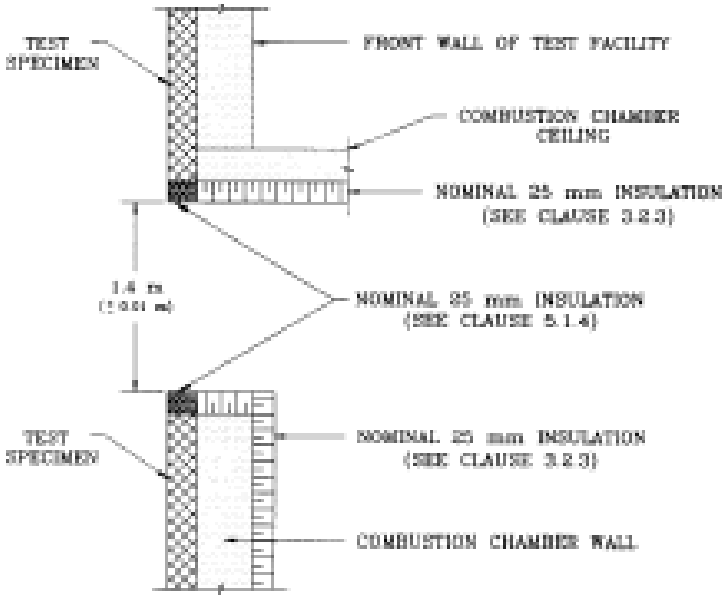


FIGURE 1

DETAIL OF TYPICAL OPENING EDGE



TYPICAL FRONT ELEVATION
OF TEST FACILITY



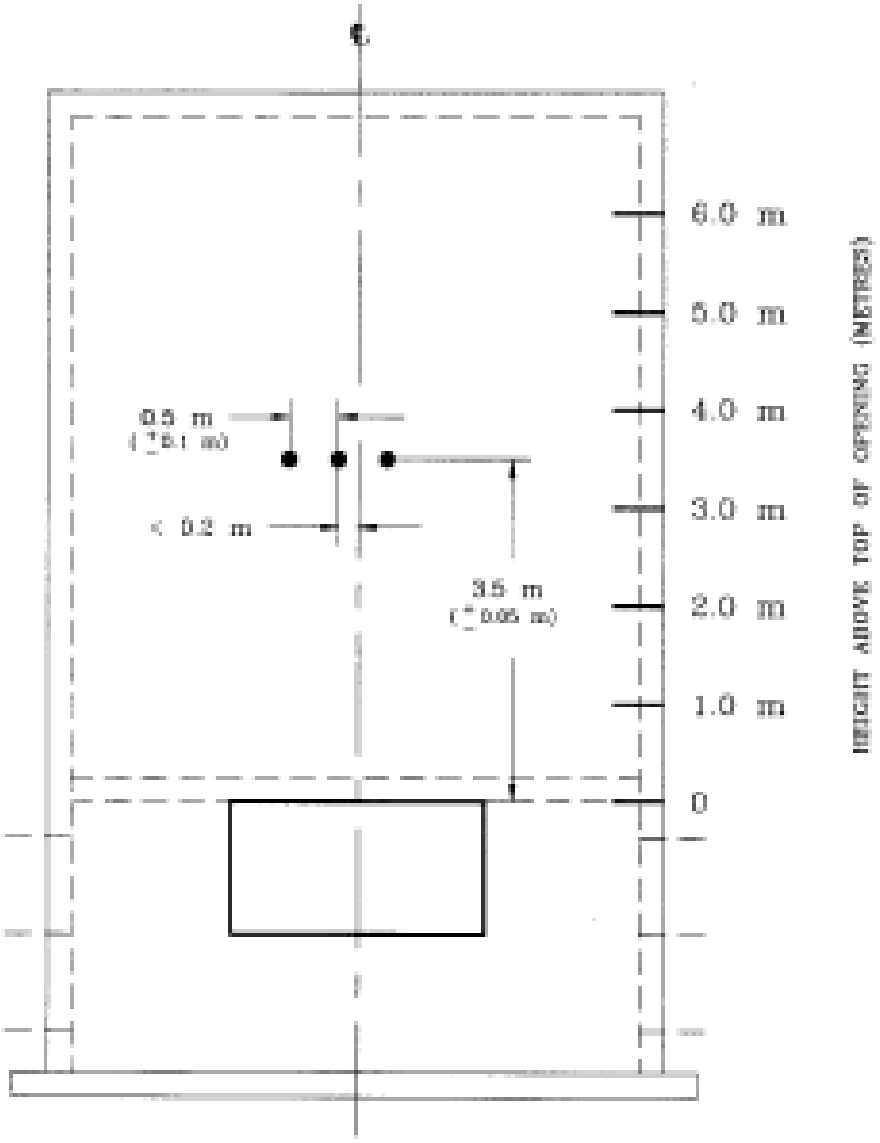
SECTION 'A – A'

DETAIL OF COMBUSTION CHAMBER
OPENING EDGE


ALCOA 3178221SAT016 2010-04-07

FIGURE 2

HEAT FLOW TRANSDUCER LOCATIONS



ELEVATION VIEW

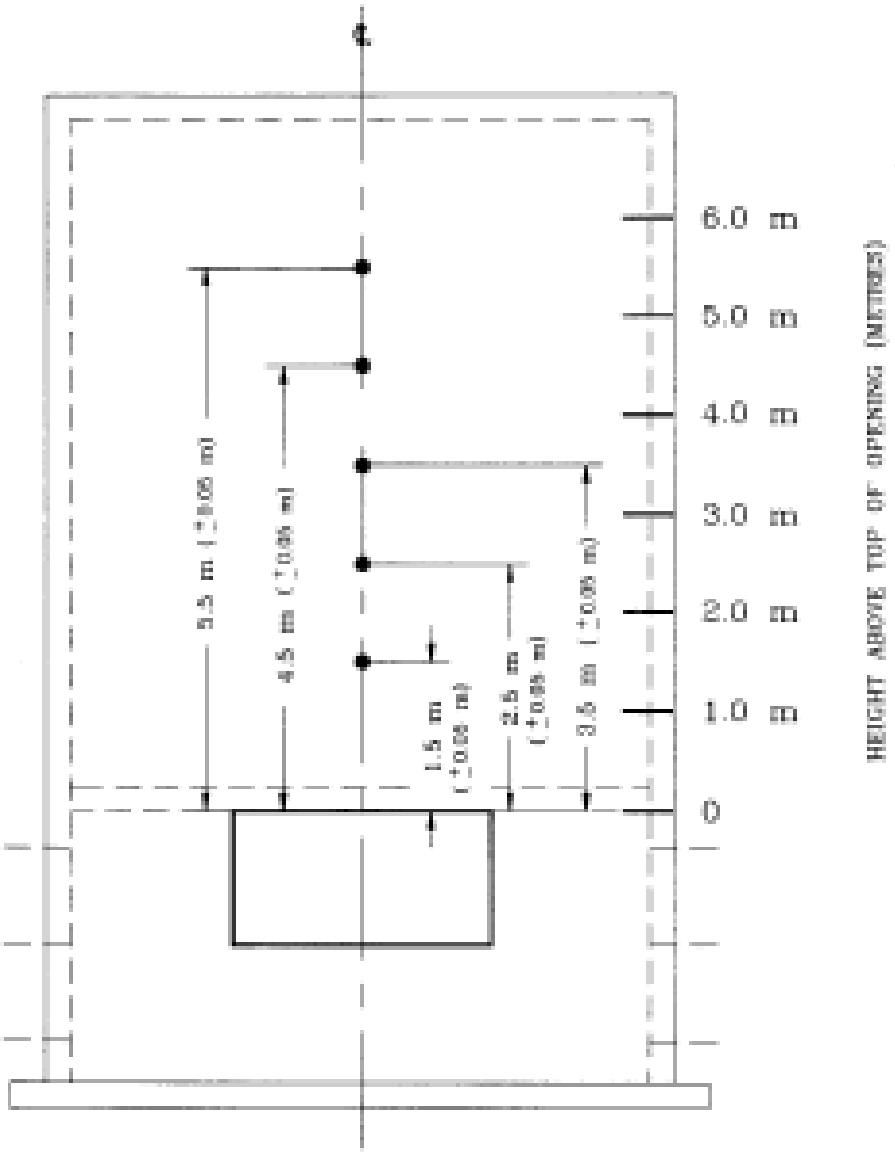
● – heat flow transducer


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07

FIGURE 3

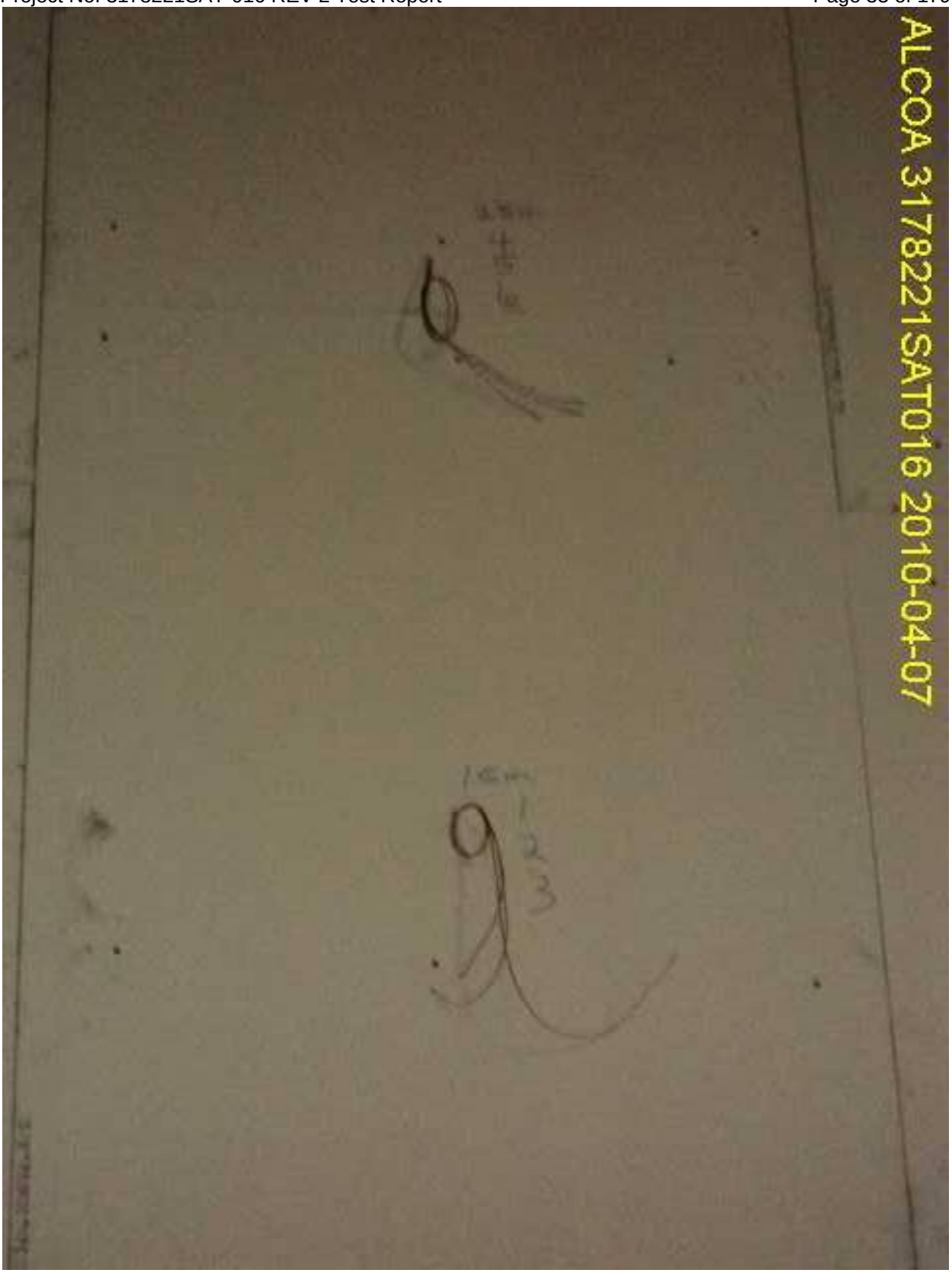
THERMOCOUPLE LOCATIONS



ELEVATION VIEW

● – thermocouple


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07

APPENDIX C – Test Assembly Photographs

This documentation is to comply with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 F (i).*


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07

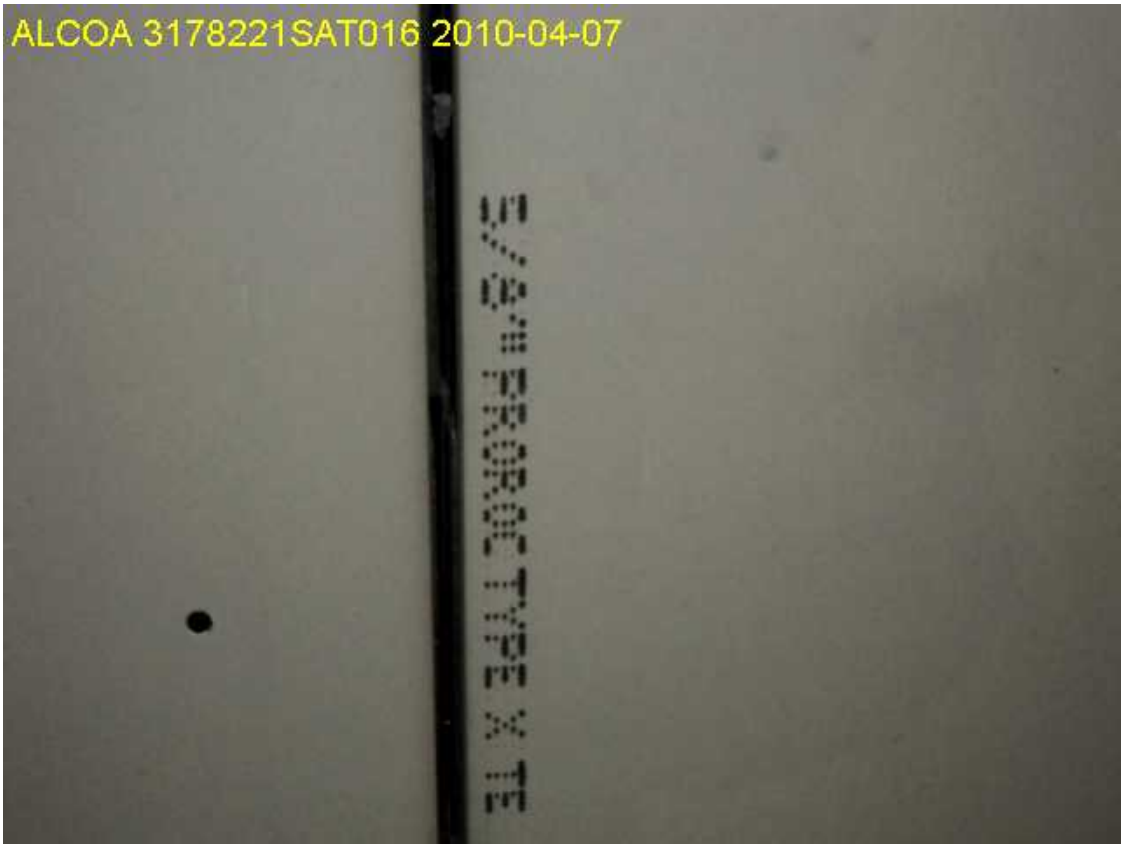

ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
FIRE TEST
#13
43 3/8 x 99 3/8


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07
Reynobond
Reynobond
Reynobond
Reynobond
Reynobond
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond
Dedicated to your Success
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond
Dedicated to your Success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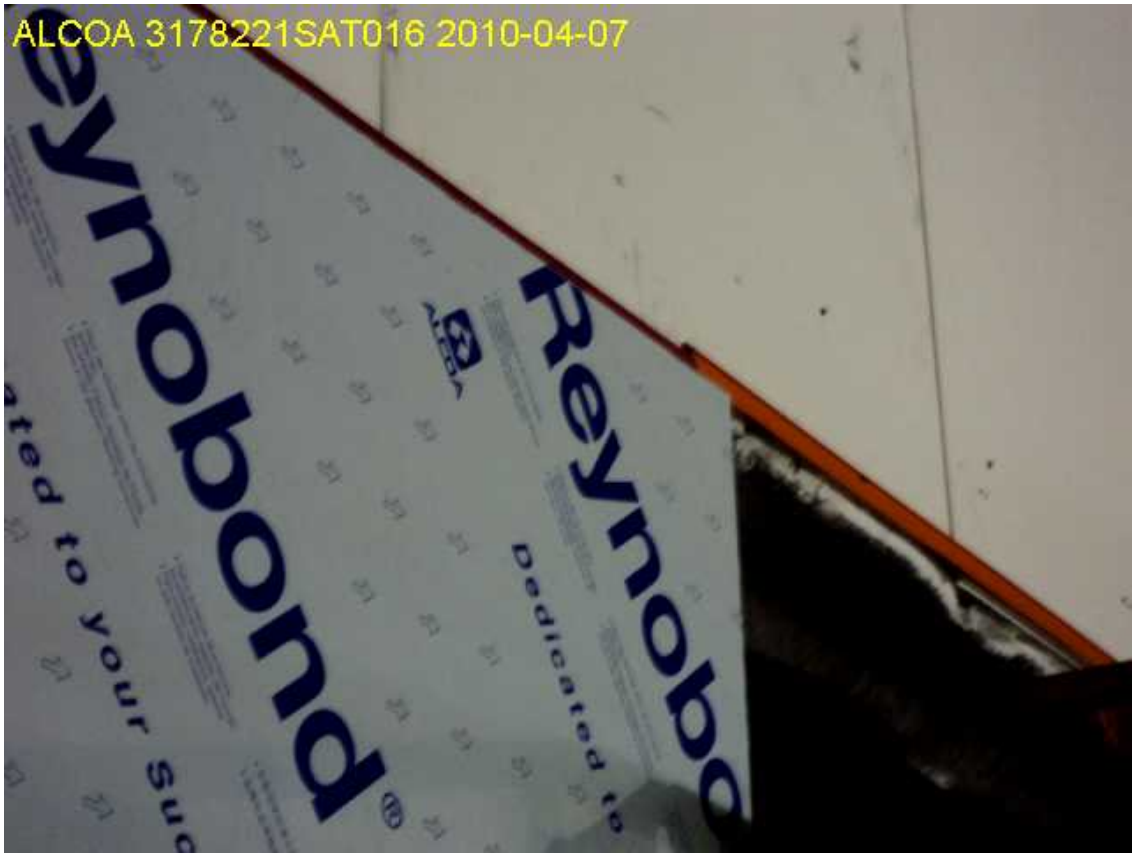
ALCOA 3178221SAT016 2010-04-07
820148

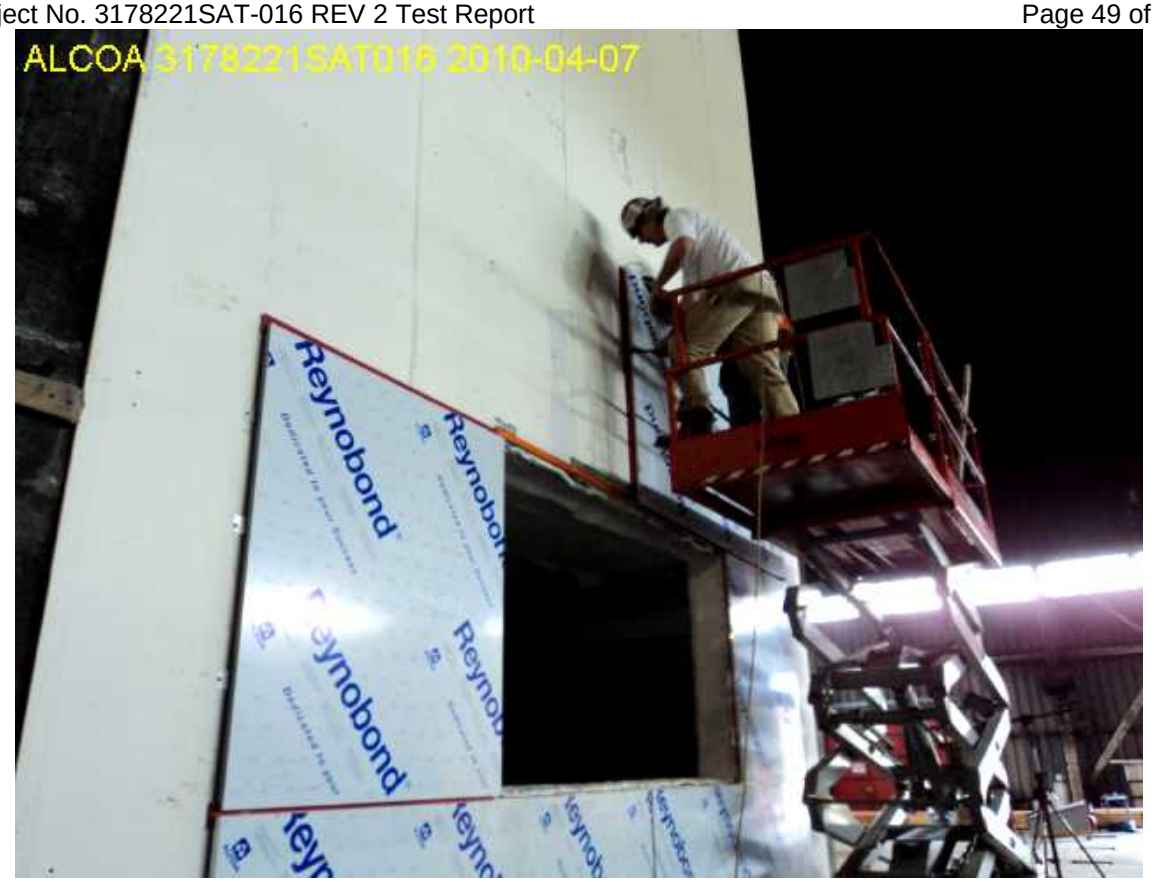

ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond
Dedicated to


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond
1-800-UR RENTS


ALCOA 3178221SAT016 2010-04-07
Reynobond
1-800-UR-RENTS


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07

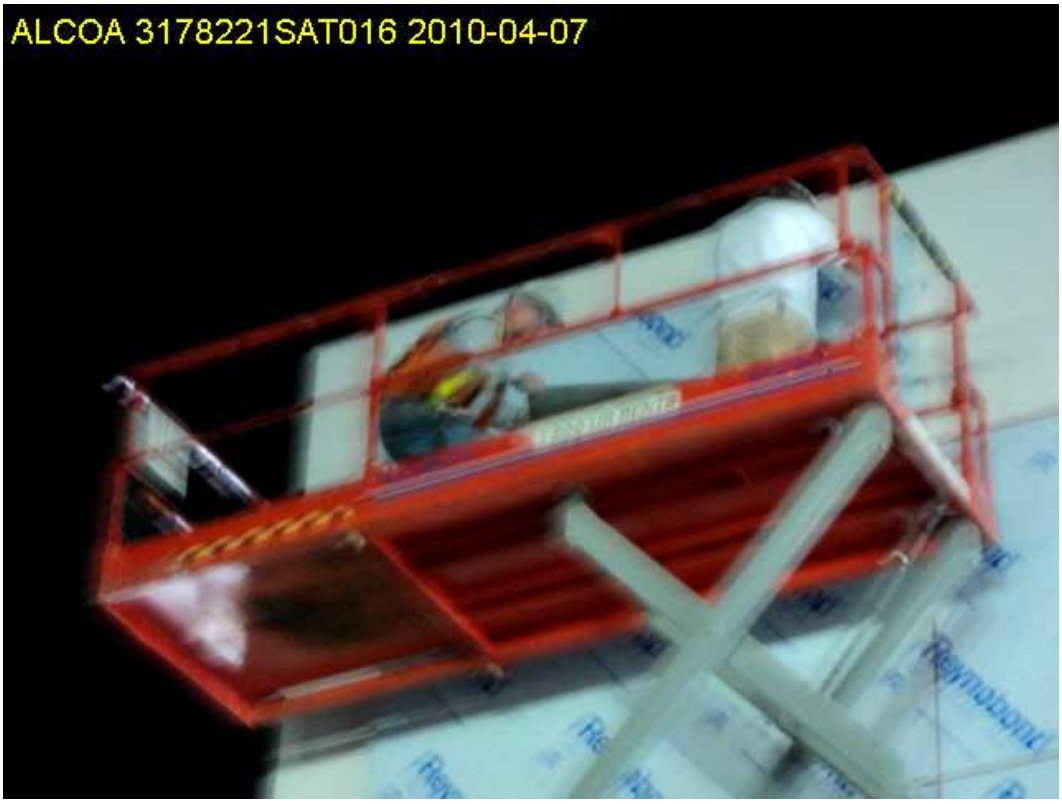

ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07
Reynobond


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07


ALCOA 3178221SAT016 2010-04-07

APPENDIX D – Fire Test Photographs

This documentation is to comply with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 F (ii).*


ALCOA 3178221SAT016 2010-04-08

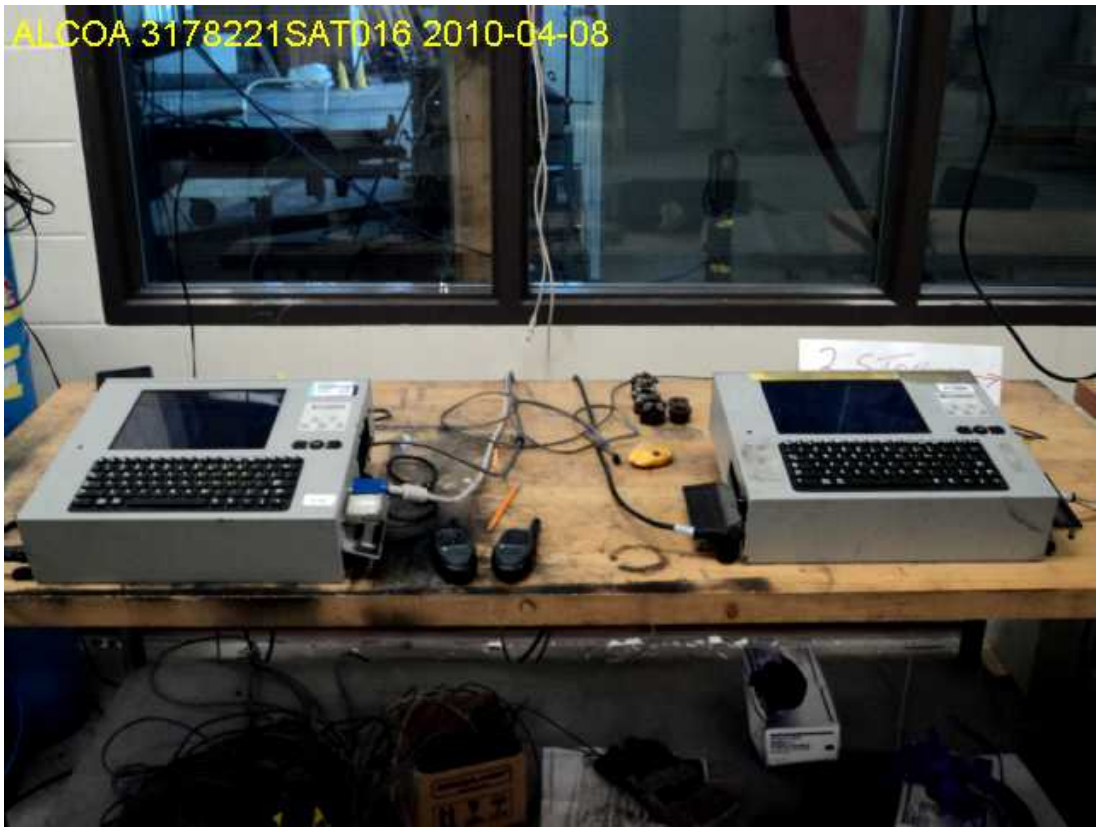

ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08
6.0
5.0
4.0
3.5
3.0
2.0
1.0
0.0


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08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ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 20


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 20100408


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08

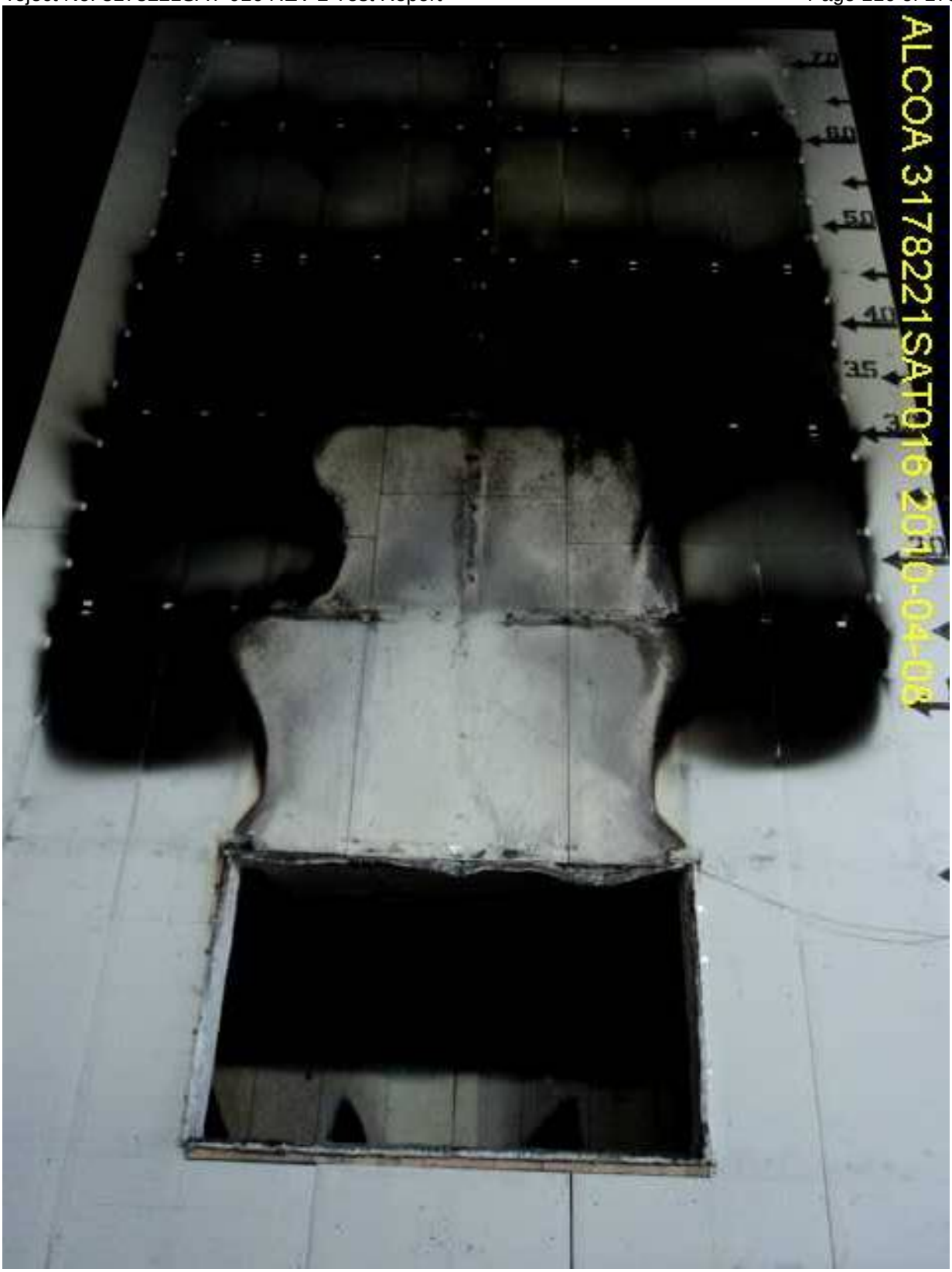

ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08

APPENDIX E – Post Fire Test Photographs

This documentation is to comply with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 F (iii).*


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-06


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-06


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08
2.0
1.0
0.0

APPENDIX F – Forensic Test Assembly Photographs

This documentation is to comply with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 F (iv).*


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08


ALCOA 3178221SAT016 2010-04-08

APPENDIX G – Test Data & Graphs

This documentation is to comply with CAN/ULC S134-92 *Standard Method of Fire Test of Exterior Wall Assemblies, Section 9.2.1 D, E, and G (ii).*

Data Acquisition Map

Slot #

1. TC, room, north, high
2. TC, room, north mid
3. TC, room, north, low
4. TC, room, south, high
5. TC, room, south, mid
6. TC, room, south, low

7. TC, top of wall, north
8. TC, top of wall, centre
9. TC, top of wall, south
10. TC, at top of window opening, north
11. TC, at top of window opening, centre
12. TC, at top of window opening, south

13. Heat Flux, 3.5 m above window, north, 20W (# 158182)
14. Heat Flux, 3.5 m above window, centre, 20W (# 158181)
15. Heat Flux, 3.5 m above window, south, 20W (# 158183)

16. Heat Flux, mast, 6.0 m above floor (#659114)
17. Heat Flux, mast, 4.7 m above floor (# 217845)
18. Heat Flux, mast, 4.0 m above floor (# 4308429)
19. Heat Flux, mast, 3.4 m above floor (# 58541)
20. Heat Flux, mast, 2.1 m above floor (# 2178418)

21. TC on face of Gyproc (gypsum board), 1.5 m above window
22. TC on back of wall panel, 1.5 m above window
23. TC on face of wall panel, 1.5 m above window

24. TC on face of Gyproc (gypsum board), 2.5 m above window
25. TC on back of wall panel, 2.5 m above window
26. TC on face of wall panel, 2.5 m above window

27. TC on face of Gyproc (gypsum board), 3.5 m above window
28. TC on back of wall panel, 3.5 m above window
29. TC on face of wall panel, 3.5 m above window

30. TC on face of Gyproc (gypsum board), 4.5 m above window
31. TC on back of wall panel, 4.5 m above window
32. TC on face of wall panel, 4.5 m above window

33. TC on face of Gyproc (gypsum board), 5.5 m above window
34. TC on back of wall panel, 5.5 m above window
35. TC on face of wall panel, 5.5 m above window

36 Skip
40. Time from ignition

TIME	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6	Slot 7	Slot 8	Slot 9	Slot 10
of										
current										
DATA	deg C	deg C	deg C	deg C	deg C	deg C	deg C	deg C	deg C	deg C
11:47:04	29.5	19.8	15.2	41.1	19.2	13.1	13.1	15.7	16.5	61.4
11:47:09	36.4	23.8	17.7	51.4	28.1	17.2	15.4	18.8	19.5	98.1
11:47:14	52.4	40.3	23.1	74.2	46.3	22.9	28.7	33.1	31.2	167.5
11:47:19	69.7	52.4	28	97.2	61.5	28.4	37.2	42.9	43.7	256.7
11:47:24	85.2	68.7	33.9	127.5	82.4	34.8	40.5	51	54.4	288.7
11:47:29	102	86.7	41.4	152	104	42	59.4	72.3	70.7	330.2
11:47:34	117.9	106.3	49.9	175.3	121	49.7	61	77.6	75.9	346.6
11:47:39	132.6	123.5	58.3	199.9	135.5	57.2	56	67.9	68.4	367.8
11:47:44	149.5	140.5	67.1	222.2	163.1	65.3	50.4	70.5	69.7	372.6
11:47:49	164.9	158.6	76.4	243.8	181	73.2	54.4	73.1	76.8	398.7
11:47:54	177.1	176.4	85.4	267	194.2	80.4	61.9	66	69.9	395.8
11:47:59	193.4	194.9	95.8	292.5	210.8	88.9	77	75.7	72.2	426.1
11:48:04	207.6	211.9	106	317.7	227.7	96.6	69.2	75.9	73.3	426.3
11:48:09	222.9	230.6	116.8	339.3	242.4	105.2	70.2	77.3	73.3	415.5
11:48:14	239.2	254.2	128.4	360.6	258.5	114	72.4	70.1	66	425.3
11:48:19	256.4	273.2	140.7	387.1	276.2	123.7	76.1	76.9	70.7	435.2
11:48:24	278.2	296.9	154.2	416.4	296	133.9	81.1	91.8	87.1	448.8
11:48:29	298.6	321.2	168.2	441.3	316.3	145.3	82	87.2	80.8	467.5
11:48:34	320.1	344.3	183.3	466.5	336.1	156.2	83.2	99.8	94.7	480.9
11:48:39	340.9	370.8	198.4	489	357.1	168.3	79.9	91.8	90.9	489.3
11:48:44	362.3	394	213.8	514.7	377.8	180.1	81.1	85.5	85.2	504
11:48:49	383.8	421	231.6	536.7	400	192.8	74.2	88.6	91	461
11:48:54	401.5	443.5	247.7	558.3	421.5	206.1	69.3	84.9	86.9	468.9
11:48:59	423.2	467.2	264	582.7	444.3	219.1	90	98	97	529.1
11:49:04	446.6	492.1	281.9	605.7	467.2	232.2	78.2	92.9	97.3	544.2
11:49:09	469	516.5	300.1	628.4	492.4	246.7	83	99	101.5	568.7
11:49:14	489.5	541.7	318.4	650.4	515.2	260.7	85.4	103.9	107.2	554.5
11:49:19	513.9	564.6	336.3	673.1	544.8	276.7	92.6	117.7	123.2	577.9
11:49:24	536.6	585.5	353.7	693.3	572.1	292.5	89.4	110.1	111.6	561.9
11:49:29	559.2	604	371.2	713.9	610	309.2	94.4	117	116.4	588.2
11:49:34	579	625.8	389.5	735.6	642.9	325.9	99.6	104.2	104.3	625.6
11:49:39	604.5	643.9	411	754.5	666.2	343.3	91.9	112.2	115.4	608
11:49:44	621.5	664.7	429.5	769.1	686.2	358.8	96.2	126.2	126.8	639
11:49:49	638.8	679.3	445.7	785	702.2	373	106	119.9	116.6	658.6
11:49:54	655.9	695.2	462	798.9	720.1	388.7	108.3	113.9	115.6	647
11:49:59	673.2	712.5	479.4	811.8	734.7	404.3	116.7	132.1	129.3	685.7
11:50:04	691	729.5	495.8	826.3	750.8	419.2	104.2	106.6	101.8	707.7
11:50:09	708.3	748.4	512.8	838.8	765	433.2	99	95.7	101.3	753
11:50:14	726.2	762.1	530	849	778.8	446.4	110.7	127.1	127.7	754.4
11:50:19	743.7	775.9	546.8	858.2	788.8	459.8	115	131.5	128.6	761.5
11:50:24	758.2	788.2	561.9	868.3	800.2	473.5	118.8	128.5	130.7	761.9
11:50:29	774.5	802.2	578.6	882.1	816.1	490.2	111.9	124.4	119.7	788.7
11:50:34	784.5	814.2	592.4	896.3	827.2	505.9	113.3	125.9	123.6	704
11:50:39	797.4	822.4	604.5	917.5	842.2	524.5	127.7	134.8	127.9	768.7

11:50:44	808.3	831.9	614.5	932.8	862.5	543.9	123.1	117.5	110.9	806.8
11:50:49	820	844.6	623.9	942.8	872.8	562	127.8	123.9	113.6	829.5
11:50:54	834	863.1	636	949.3	886.5	574.9	118.2	120.1	117.8	791.1
11:50:59	853.4	869.4	651.3	962.3	895.4	589.7	115.5	126.2	123.9	765.8
11:51:04	869.9	879.2	662.9	974.3	903.2	607.7	118.2	123.9	118.3	790.6
11:51:09	884.1	888	676.9	984.4	912.1	623.4	114.5	113.4	109.7	775.3
11:51:14	897.8	894.9	691.4	1001.5	923	640.6	116.8	125.3	128	795.9
11:51:19	910.1	903.7	705	1015.7	935.9	657.3	113.4	118.2	116.5	807.4
11:51:24	924	914.1	717.7	1032	949.3	671.8	112.5	124.9	120.9	809.8
11:51:29	936.7	922.4	729.8	1042	964.7	686.6	107.9	118.9	123.9	807.3
11:51:34	951.7	933.3	742.1	1049.7	967.7	697.9	109.8	119	114.2	850.7
11:51:39	964.2	941.2	753	1056.4	979.7	712	114.7	133.1	130.2	855.1
11:51:44	975.2	949.7	763	1064.6	988.3	726.1	124.4	145.6	146.1	876.5
11:51:49	981.4	956.3	770.2	1079.6	1000	740.8	127.7	147.3	141.2	887.4
11:51:54	990.3	962.7	780.1	1088.3	1010	753.5	130.1	134.9	129.8	924.7
11:51:59	998.9	965.7	788.2	1097.1	1017.6	765.3	129.8	144	142	938.6
11:52:04	1011.5	977.7	805	1109.6	1033.9	777.2	130.6	142.5	147.2	948.6
11:52:09	1020.8	982.9	811.3	1117	1039.6	786.4	121.5	141.7	144	944.7
11:52:14	1023.8	988.4	819	1122.7	1046.3	798.4	137.1	153.2	149.3	940.7
11:52:19	1033.4	995.9	828.6	1127.8	1052.8	807.9	141.6	151.1	147.1	948.6
11:52:24	1039	1001.3	838.7	1131	1055.9	817	138	157.8	151.1	986.2
11:52:29	1048.8	1011.1	848	1133.7	1055	824.3	135.1	155.3	148	983.8
11:52:34	1055	1017.2	852.9	1134.3	1059.1	832.1	155.1	184	178.6	997.9
11:52:39	1062.7	1024.8	861.1	1134.8	1059.6	839.3	142.8	164.8	161.2	989.3
11:52:44	1071.4	1033	869.9	1136.4	1060.1	845.6	136.9	148.6	147.4	998.4
11:52:49	1074.9	1036.4	874.7	1141	1062.5	852.8	138.6	154.6	155.7	989.2
11:52:54	1079.5	1040.5	882	1142	1061.5	858.1	130.5	157.6	164.3	990.7
11:52:59	1085.7	1053.3	888.9	1145.7	1062	862	139	161.9	164.3	993.7
11:53:04	1090.4	1057.9	891.8	1147.3	1065.6	867.8	133.3	152.6	161.4	1015.4
11:53:09	1093.6	1058.6	897.3	1154.3	1071.9	872.4	144.8	158.9	156	1016.1
11:53:14	1092.6	1056	904.2	1151.1	1074.5	875.8	151.9	155.9	147.9	1008
11:53:19	1095.1	1061.6	910.6	1153.2	1078.1	880.2	138.4	158.1	159.6	1016.1
11:53:24	1103.3	1066.6	915.4	1152.6	1076.9	885	138.9	156.5	152.1	1028.7
11:53:29	1109.6	1071.8	919.9	1158.9	1081.1	889.9	151	167.3	163.4	1021.6
11:53:34	1111.6	1069.7	919.9	1159.5	1081.1	896.2	139.8	153.4	160.3	1028.7
11:53:39	1112.2	1069.7	923.9	1161	1082.1	901.6	138.6	161	166.4	1036.8
11:53:44	1116	1073.5	926	1166.5	1085.3	907.2	137.9	162.3	163.6	1035.9
11:53:49	1119.1	1078.1	929.4	1164.9	1084.8	909.2	149.1	171	168.7	1015.1
11:53:54	1121.6	1079.5	932.3	1167.4	1085.7	912.5	145	169.3	171.3	1019.5
11:53:59	1123.1	1077.5	934.8	1169.6	1088.3	919.9	148.3	174.2	178.5	998.8
11:54:04	1121.6	1075.4	937.3	1172.2	1091.9	926.3	149.3	173	178.2	994.8
11:54:09	1117.4	1074.4	937.8	1173.3	1097.1	931.3	154.1	186.2	195	995.8
11:54:14	1118.6	1074.5	941.9	1174.5	1099.3	934.4	158	187.5	190	1010
11:54:19	1119.6	1076.6	944.8	1177.2	1106.1	937.4	143.4	164.6	161.4	1031.9
11:54:24	1122.2	1080.2	946.8	1178.8	1105.5	940.4	153.5	165.3	163.1	1000.4
11:54:29	1124.3	1085.9	950.3	1178.2	1104.5	944.8	133.5	140.8	139.4	1008.5
11:54:34	1124.7	1090.4	955.2	1178.6	1103.9	946.2	151.4	181.6	181.5	1018
11:54:39	1131.7	1091.5	961.8	1182.5	1106.6	950.8	154.9	173	172.5	1025.3

11:54:44	1132.1	1089.4	958.7	1182.9	1105.4	954.2	173.5	176.4	171.7	1021.1
11:54:49	1132.1	1089.9	952.7	1185.6	1109.6	959.7	173	177.4	174.5	1001.8
11:54:54	1135.3	1093.1	953.8	1190.6	1109.2	964.8	168.9	177.9	175.3	1001.4
11:54:59	1135.3	1097.8	953.3	1197.5	1118.1	971.9	173.5	200.1	202.5	1024.3
11:55:04	1140.6	1100.4	959.3	1209.4	1129.6	974.9	175.1	182.9	183.7	1010.5
11:55:09	1145.9	1106.6	962.3	1214.3	1134.8	976.4	166.4	186	182.4	1027.8
11:55:14	1148.5	1119.6	966.3	1205.1	1131.1	977.9	172	191	191.3	1035.5
11:55:19	1143.2	1111.3	964.3	1202.4	1129.1	979.9	179.9	202.9	208.3	573
11:55:24	1141	1106	967.7	1201.2	1130.5	981.8	170.8	189.7	185.3	906
11:55:29	1139.6	1107.1	972.9	1199.2	1135.9	984.4	176	201	191.8	828.6
11:55:34	1142.2	1106.1	977.4	1199.7	1135.4	984.9	191.3	193	184.2	660.6
11:55:39	1141.7	1104.5	978.9	1195.9	1136.9	986	187.7	205.4	198	573.9
11:55:44	1141.7	1105.6	980.9	1200.3	1149.1	992	167.5	204	205.2	355.9
11:55:49	1148.9	1113.3	983.3	1203.4	1148.4	993.9	170.1	190.1	183.9	365.2
11:55:54	1150.1	1109.2	987.5	1205.7	1143.8	1001.5	182.5	184.5	176.2	362.2
11:55:59	1146.4	1106.1	984.5	1200.8	1135.9	1001.5	172.4	178	180.7	359.7
11:56:04	1139.1	1100.4	987	1202.4	1132.2	1005.1	183.3	171.8	165.5	363
11:56:09	1139.1	1104	990.5	1200.8	1129.6	1004.6	183.6	177.8	165.1	367
11:56:14	1143.7	1108.1	990.9	1204.5	1130.5	1007	187	215.5	211.6	371.5
11:56:19	1150	1114.8	999.5	1208.2	1142.1	1009.5	184.2	215.4	206.8	372.2
11:56:24	1152.1	1115.9	1004	1212	1140.5	1011.6	183.2	206.9	198.8	376.5
11:56:29	1150.1	1117.1	1008.7	1210.5	1137.5	1017.3	183.7	199.4	198.9	381.5
11:56:34	1150.7	1119.2	1002.6	1210.6	1137.5	1019.3	172.6	201.7	202.9	386.5
11:56:39	1153.2	1122.7	1002.5	1210.4	1139.5	1019.7	174.4	210.2	214.9	391.4
11:56:44	1156.5	1124.4	1006.6	1215.4	1149.6	1020.4	178.7	203.7	205.2	395.9
11:56:49	1159.6	1132.7	1007	1215.3	1145.3	1020.8	183.5	205.2	196.3	401.2
11:56:54	1173	1147	1010.2	1223.6	1161.3	1024.9	180	207.6	198.3	407.3
11:56:59	1181.9	1164.9	1020.8	1234.9	1162.2	1030.4	180	208.2	208.5	412.9
11:57:04	1186.3	1167.1	1022.4	1236.2	1165	1043.3	199.9	211.1	195.6	418.6
11:57:09	1192.8	1170.3	1025	1247.1	1183.1	1043.8	193.4	205.9	197.8	429.9
11:57:14	1191.6	1170.7	1021.3	1253.1	1182.5	1041.1	184.6	202.6	196.3	434.2
11:57:19	1193.7	1179.8	1022.3	1256.9	1185.7	1043.7	184.3	207.5	196.8	434.9
11:57:24	1192.3	1172.5	1017.3	1260.9	1191.2	1045.4	187.6	204.2	199.2	442.3
11:57:29	1184.8	1164.5	1014.8	1247.1	1177.3	1044.4	171.7	204.4	201.9	461.4
11:57:34	1179.3	1152.7	1009.6	1239.3	1172.9	1045.8	171.3	200.7	201.3	461.3
11:57:39	1176.2	1146.5	1012.8	1236.7	1169.8	1043.9	178.5	208.6	206.7	474.1
11:57:44	1180.9	1160.1	1017.2	1236.6	1176.1	1041.7	180.8	202.3	195.6	414.4
11:57:49	1184.8	1164.5	1027	1245	1180	1039.3	188.2	191.5	183.9	473.8
11:57:54	1188.4	1164.9	1023.9	1241	1174	1045.3	182.5	204.6	196.7	500
11:57:59	1185.3	1167.7	1023.5	1238.4	1171.4	1048	185.2	193.9	191.6	349
11:58:04	1189.1	1168.3	1018.9	1246.1	1175.2	1050	174.5	207	219.5	367.6
11:58:09	1189.6	1177.3	1019.4	1246.1	1178.9	1052.1	179.2	201.9	208.4	335.6
11:58:14	1189.6	1176.3	1020.9	1246.1	1181.6	1054.1	171.1	207	209.7	341.4
11:58:19	1191.2	1169.9	1020.4	1250.5	1181.1	1056.7	175	212.4	208.3	340.3
11:58:24	1187.9	1171.9	1025.4	1253.7	1181.5	1057.6	171.5	201	204.4	359.3
11:58:29	1191.7	1178.3	1028	1260.9	1187.9	1063.2	179.4	236.3	232.4	471.9
11:58:34	1189.6	1175.7	1029.6	1264.3	1195.6	1065.9	185.8	209.1	208.4	470.5
11:58:39	1189.7	1170.9	1033.7	1271	1208.5	1077.8	181.4	202	200.9	470.7

11:58:44	1191.1	1179.4	1030.5	1272.5	1209.5	1078.2	179.7	213.3	210.5	364
11:58:49	1194.5	1180	1034.7	1263.8	1197.7	1081.9	193.5	224	213.2	471
11:58:54	1192.4	1167.8	1032.7	1258.3	1189.1	1080.4	202.1	233.9	228.4	346.3
11:58:59	1189.5	1158.6	1033.1	1251	1176.2	1075.6	189	236	232.9	470.7
11:59:04	1186.9	1160.8	1033.1	1244.4	1167.1	1072.5	199.5	219.2	214.7	471.1
11:59:09	1191.8	1158.8	1033.7	1253.3	1183.3	1075.8	188.7	196.1	195.9	472.5
11:59:14	1193.5	1158.2	1036.3	1255.5	1183.3	1073.2	176.8	200.1	204.4	472.9
11:59:19	1195.1	1164.1	1038.9	1253.3	1187.6	1074.7	182.2	194.1	193.4	473.7
11:59:24	1197.1	1175.7	1038.7	1253.2	1187.4	1075.6	183	194.3	198.2	474.5
11:59:29	1202	1175.1	1047.4	1252.7	1184.2	1073.6	163.2	186.2	187	475.7
11:59:34	1200.5	1181.7	1051.6	1257.8	1183.3	1072.7	159.3	185.3	193.8	476.2
11:59:39	1198.3	1186	1052.7	1266.6	1186	1074.8	172.3	190.8	192.2	478.9
11:59:44	1209	1199.3	1057.2	1275.4	1189.6	1082.4	175	202.4	201.8	494.9
11:59:49	1211.8	1207.5	1065	1282.2	1192.4	1094.4	165	203.1	207.8	489.9
11:59:54	1217.8	1205.4	1071.2	1279.4	1201.6	1088.7	173.5	207.5	209	468.3
11:59:59	1223.3	1208.1	1076.3	1280.6	1192.4	1099.6	174.2	225.3	217.8	357.6
12:00:04	1223.8	1218.4	1084.1	1286.2	1191.4	1106.4	182.3	232.9	233	462.8
12:00:09	1226	1226	1086.7	1288.4	1193	1110.5	184.4	229.1	224	365.8
12:00:14	1229.8	1227.1	1078.9	1288.4	1185	1111.1	184.4	245.6	231.2	343.3
12:00:19	1230.4	1224.9	1076.4	1286.7	1185	1110	189.8	243.2	228.9	352.1
12:00:24	1230.4	1216.2	1074.8	1291.8	1191.9	1112.1	182.5	242.9	237	343.8
12:00:29	1231.5	1212.4	1079	1292.9	1198.4	1112.1	192.8	237.7	231.7	346.8
12:00:34	1226.6	1200.6	1083.6	1291.8	1199.5	1103.3	181	225.3	229.2	349.6
12:00:39	1223.2	1194	1083.5	1289.4	1205.3	1111	174.7	240.5	248.1	349.2
12:00:44	1229.2	1199.4	1092.3	1294.5	1213.4	1117.2	169.6	234.6	236.5	348.3
12:00:49	1233.1	1206.5	1096	1292.4	1217.9	1111.1	174.2	227.5	227.9	349.9
12:00:54	1231	1205.5	1089.3	1288.5	1210.9	1106.9	208.7	231.8	232	352.1
12:00:59	1232.6	1215.2	1089.3	1295.2	1207.1	1112.7	199.6	227.2	228.6	452.5
12:01:04	1233	1224.9	1089.2	1291.7	1202.6	1116.7	218.8	248	241.8	462.7
12:01:09	1237.6	1218.5	1092.4	1287.9	1208.7	1119	196.7	229.5	222.3	464.9
12:01:14	1233.2	1212	1095.6	1287.4	1206.6	1124.2	193.4	217.9	205.7	466
12:01:19	1231.6	1213.6	1094	1293	1208.2	1123.7	203.3	255.8	252.9	394.2
12:01:24	1228.8	1215.8	1092	1299.2	1203.9	1120.6	218.6	238.2	227.6	379.7
12:01:29	1233.2	1221.8	1095.1	1292.5	1205	1122.1	225.6	252.5	240.7	465.8
12:01:34	1230.4	1219.5	1093.4	1296.3	1205.4	1123.6	195.7	251.3	244.5	461.5
12:01:39	1229.4	1213.1	1099.2	1300.3	1207.7	1112.8	197.5	251.2	239.3	435
12:01:44	1230.9	1213	1102.7	1298.5	1201.6	1117.3	217	249.4	238.7	399.8
12:01:49	1237.1	1220.7	1106.5	1297.5	1198.5	1118	217.1	239.8	233.8	435.7
12:01:54	1239.3	1222.9	1105.5	1297.6	1197.5	1127.9	219.4	267.4	256.9	386.5
12:01:59	1247.4	1226.6	1106.4	1296.3	1201.1	1132	219	258.2	265.3	385.4
12:02:04	1244.2	1231.1	1107.1	1301.5	1196.9	1132.1	233.7	265.6	256.7	393.6
12:02:09	1250.2	1236.4	1101.2	1300.3	1203.3	1135.7	220.8	284.6	277.9	467.5
12:02:14	1251.4	1233.3	1105.5	1298.7	1208.8	1136.4	214.5	261.7	252.9	519.4
12:02:19	1246.9	1231	1111.6	1296.3	1201.7	1134.1	219.2	277.5	271.6	511.9
12:02:24	1244.7	1225	1113.2	1296.4	1199	1136.2	228.3	282.5	266.9	386.9
12:02:29	1240.4	1217	1116	1284.7	1199.7	1135.9	236.1	287.4	280.3	386.8
12:02:34	1242.6	1216.5	1116.5	1280.8	1199.2	1133.8	234.2	264.9	265.8	371
12:02:39	1243.8	1217	1117.5	1271.9	1200.2	1135.9	226.1	265.7	262.4	472.8

12:02:44	1244.9	1227.9	1117.6	1285.3	1206.2	1138.5	241.7	280.2	277.7	420.8
12:02:49	1243.1	1219.1	1120	1288.5	1204.4	1140	243.5	264	251.9	399.5
12:02:54	1242.5	1227.8	1122.1	1289.1	1204.5	1135.8	253.3	255.8	242.8	446.3
12:02:59	1249.2	1229.4	1129	1281.9	1198.5	1129	229.3	269.8	266.9	465.1
12:03:04	1253.7	1229	1128.6	1278.7	1198.1	1127	218.1	234.8	224.7	465.9
12:03:09	1254.3	1232.9	1127	1280.3	1205.2	1137	223.4	244.7	231.1	399
12:03:14	1252.1	1228	1127.5	1282	1203.5	1142.8	229.6	230.4	226.1	463.4
12:03:19	1251.4	1225.1	1126.4	1282.5	1199.6	1146.9	228.8	262.7	252.7	415.1
12:03:24	1249.2	1232.2	1128.5	1275.2	1197.5	1150.1	229.4	254.6	259.9	386
12:03:29	1251	1232.4	1131.3	1278.2	1199.8	1151.3	235.5	251.9	261.3	382.2
12:03:34	1256	1231.3	1136.5	1270.9	1204.1	1148.1	214.5	237.5	236.7	378.3
12:03:39	1259.3	1238.4	1134.9	1274.3	1209.5	1147.6	239.1	267.3	247.7	373.5
12:03:44	1258.1	1238.3	1132.7	1287.5	1209.4	1143.8	246.9	267.3	250.5	376.5
12:03:49	1258.1	1241.6	1133.3	1273	1205.1	1135.9	224.9	252.8	242.8	405
12:03:54	1254.2	1232.8	1133.3	1272.5	1201.9	1134.8	252.2	261	248.4	421.5
12:03:59	1251.5	1227.4	1130.1	1275.9	1203	1143.8	244.1	259.8	252.1	387.7
12:04:04	1245	1220.4	1128.2	1277.1	1202.6	1136.6	241.2	273.7	262.5	388.1
12:04:09	1248.9	1228.1	1129.8	1276.6	1199.3	1134.5	240.5	267.2	253.7	386.9
12:04:14	1253.9	1235.2	1133.4	1282.7	1208	1131.3	216.1	259.1	256.7	390.6
12:04:19	1253.9	1231.4	1134	1279.9	1210.2	1127.7	239.8	264.9	268.3	389.5
12:04:24	1253.9	1229.2	1135	1290	1214.5	1131.4	232.7	261.5	251.4	389.5
12:04:29	1256.6	1228.7	1139.8	1290	1211.3	1134.5	237.6	269	258.5	390.7
12:04:34	1254.5	1228.7	1140.8	1289.5	1207.5	1138.2	246.2	271.4	260.7	390.8
12:04:39	1251.7	1228.1	1139.3	1288.9	1209.1	1145.6	227.1	280.4	270.1	392.2
12:04:44	1251.2	1225.4	1142.4	1280	1207	1146.7	225.6	291.1	287.4	394.5
12:04:49	1257.1	1231.8	1146.5	1282.7	1212.3	1145.5	210.5	265.3	256.4	429.9
12:04:54	1257.1	1230.8	1146.5	1283.8	1214.4	1150.2	210.8	304.4	303	472.1
12:04:59	1259.5	1240.8	1149.9	1284.5	1210.8	1147.7	229.8	317	313.8	430
12:05:04	1261.2	1240.2	1141.4	1282.3	1209.2	1148.3	227.7	290.4	296.2	428.8
12:05:09	1257.9	1234.2	1139.9	1286.8	1210.8	1149.4	208.1	268.5	266.7	426.1
12:05:14	1257.9	1237.5	1143	1290.7	1215.2	1145.1	200.1	269.1	290	431.3
12:05:19	1261.2	1239.2	1143	1296.9	1219.5	1152	220.1	272.4	285.3	434.7
12:05:24	1260.1	1237.5	1145.7	1303.6	1222.3	1149.4	244.5	299.3	310.4	480.5
12:05:29	1254	1228.3	1143.1	1299.7	1214.7	1151	232	276.6	273.2	434.2
12:05:34	1259	1237	1145.2	1304.2	1222.8	1153.6	247.3	289.2	279.7	464.4
12:05:39	1253	1232.1	1145.2	1300.9	1219	1152.1	227.2	277.5	269.4	423.7
12:05:44	1255.2	1235.9	1143.1	1295.2	1214.7	1151	215.4	276.3	271.4	419.5
12:05:49	1259	1239.2	1146.8	1301.4	1219.6	1152.6	232.6	286.3	278.5	450.8
12:05:54	1263.9	1245.1	1146.7	1304.7	1228.7	1149.9	198.4	252.4	251.7	433
12:05:59	1268.9	1250.7	1148.8	1299.6	1229.8	1147.2	209.8	247.9	257.5	436.3
12:06:04	1272.4	1252.5	1152.6	1297	1230	1150	212.9	245.4	237.5	431.5
12:06:09	1270.2	1249.2	1153.7	1293.1	1232.2	1151.6	201.5	244.3	243.1	434.4
12:06:14	1269.6	1247	1152.7	1281.3	1215.9	1139.5	208.8	252.2	254.6	438.8
12:06:19	1262.4	1243.1	1147.9	1270.2	1206.1	1131.6	191.2	230.7	244.5	437.7
12:06:24	1259.5	1245.8	1149.4	1275.1	1207.6	1137.8	220.5	262.4	259.2	429.7
12:06:29	1256.9	1243.2	1146.9	1273	1206.7	1128	207.7	251.7	252.8	432.7
12:06:34	1260.8	1248.7	1150.6	1269.7	1207.8	1128	213.4	239.3	231	434.2
12:06:39	1260.8	1244.8	1149.6	1273.6	1214.3	1133.8	234.7	263.7	255	437.9

12:06:44	1262.5	1242.7	1151.2	1278.1	1220.8	1134.8	222.7	279.2	282.3	439.5
12:06:49	1262.4	1250.2	1154.7	1284.6	1223.4	1137.3	228.8	257.5	241.6	438.3
12:06:54	1268.1	1251.5	1153.8	1291.5	1224.1	1139.6	219.1	256.9	255.2	440.4
12:06:59	1272	1258.1	1154.4	1293.2	1223.6	1145.9	224.1	279.7	278.2	441.2
12:07:04	1273.6	1262.6	1156	1299.4	1216.5	1140.1	222.1	264.3	269.5	443.6
12:07:09	1274.2	1258.7	1158.1	1296	1222.5	1148.6	219.4	267.6	275.5	444.7
12:07:14	1267	1251.5	1158.1	1297.7	1229.6	1147.5	223.8	281.9	295.6	444.1
12:07:19	1260.9	1250.4	1153.9	1291.6	1235.6	1148.6	236.8	288.3	299.7	445.7
12:07:24	1262.1	1251	1151.3	1291	1237.3	1149.7	221.6	265.4	272.4	446.4
12:07:29	1261	1249.9	1148.1	1284.3	1218.2	1150.2	210.8	292.2	302.8	447.1
12:07:34	1256	1245.5	1142.8	1274.3	1206.8	1152.9	210.5	273.2	280.4	446.1
12:07:39	1254.4	1245.5	1147.6	1268.7	1204.2	1146.5	222.3	283.6	289.7	444.1
12:07:44	1249.5	1239.7	1144.6	1267.8	1203.2	1141.4	221.6	246.8	245.8	445.4
12:07:49	1243.4	1230.2	1140.8	1262.7	1206.3	1135.5	200.5	246.9	255.6	448.1
12:07:54	1241.2	1224.3	1136	1263.8	1213.4	1134.5	205.2	254.8	256.2	449.4
12:07:59	1239.6	1225.4	1135	1253.3	1210.7	1128.7	194.5	237.3	249.1	458.4
12:08:04	1235.2	1221	1135.5	1245.1	1196.7	1127.2	173.2	212.1	227.6	437.3
12:08:09	1234.1	1218.9	1135	1235.8	1182.2	1117.2	181.5	242.9	260.9	455.6
12:08:14	1228.7	1216.7	1131.4	1229.8	1181.1	1109.4	176.6	216.7	231.8	444.3
12:08:19	1222.7	1212.4	1125.6	1233.6	1190.3	1104.8	184	226.8	236.7	415.8
12:08:24	1216.6	1213.9	1119.2	1225.8	1179.4	1101	183.5	226.1	245	454.8
12:08:29	1212.9	1203.2	1116.3	1214	1172.6	1099.6	179	217.4	231.4	412.7
12:08:34	1208.1	1197.3	1111	1202.7	1160.4	1098.1	169.3	207.2	224.1	389.5
12:08:39	1203.8	1191.4	1110	1193.5	1156.7	1095	167.6	212.6	224.7	377.1
12:08:44	1198.4	1190.3	1103.8	1188.7	1150.4	1089.3	177.9	216	233.7	370.2
12:08:49	1192.5	1185	1098.6	1183.9	1146.7	1085.7	178.6	219.4	232.3	394.5
12:08:54	1186.6	1181.8	1092.4	1176.4	1141.5	1082.1	180.2	212.2	224	372.1
12:08:59	1181.3	1171.7	1086.2	1175.9	1139.4	1084.1	166.6	204	216.4	360.7
12:09:04	1173.8	1160	1077.5	1171.7	1137.8	1080.5	174.1	217.1	231.3	366.9
12:09:09	1170.1	1153.1	1074.9	1161.6	1126.3	1073.3	151.9	194.6	214.3	395.7
12:09:14	1167.4	1149.4	1073.4	1155.8	1122.6	1070.3	160.1	202.3	217.6	376.5
12:09:19	1161.1	1143.1	1067.7	1147.9	1115.9	1061	164.2	206.4	208	428.2
12:09:24	1156.9	1146.3	1061.6	1139.4	1107.5	1061.6	164.5	216.9	228.4	364
12:09:29	1151.1	1139.5	1056.5	1131.6	1102.4	1055.9	156	212.9	221.2	383.4
12:09:34	1144.7	1130	1051.9	1125.8	1095.1	1051.3	155.5	207.5	223	395.2
12:09:39	1136.9	1120.6	1043.2	1119.6	1087.9	1041.6	159.6	211.8	224.1	411.2
12:09:44	1130	1112.8	1038.1	1114.4	1083.2	1039.6	170.4	215.2	229.3	396.1
12:09:49	1125.9	1106	1031	1107.6	1079.1	1036	168.6	210.8	221.8	416.6
12:09:54	1118	1097.8	1025.4	1101.9	1073.5	1033	164.5	201	204.3	402.9
12:09:59	1110.2	1089	1017.2	1093.6	1065.3	1022.8	164.4	204.9	216.7	384.8
12:10:04	1104.5	1081.2	1010.1	1087.4	1057.6	1017.3	171	201.1	206.3	379.9
12:10:09	1099	1075.2	1007.7	1080.3	1050.5	1008.8	159.1	208.4	220.3	378.8
12:10:14	1093.1	1070.9	1005.1	1070.9	1040.7	1002.1	156.2	204.2	219	378
12:10:19	1083.3	1061.2	995.6	1063.3	1032.6	996.6	170.4	223.9	233.9	379.5
12:10:24	1072	1052	987	1053.5	1022.4	989	184.2	199.4	193.4	361
12:10:29	1061.2	1041.3	981.5	1041.3	1012.2	979.5	180.4	206.5	205.7	378.2
12:10:34	1055.1	1034.1	973.4	1031.6	1004.1	970.9	167.2	210.3	220.4	348.2
12:10:39	1049	1027	965.9	1021.9	995.6	963.9	161	195.6	203.6	315.2

12:10:44	1040.3	1016.9	957.4	1013.3	986.6	953.4	148.5	188.5	193.5	321.8
12:10:49	1029.1	1006.7	949.5	1004.7	980	945	143.9	188.5	199.7	349.5
12:10:54	1020.4	998.2	942.5	998.2	972	937.5	138.4	182.9	199.3	344.4
12:10:59	1009.8	987.1	934.1	988.6	963.5	930.6	154.5	192	197.4	339
12:11:04	999.2	976.5	924.2	976.5	953.5	920.2	152.7	179	181	343.1
12:11:09	988.1	967.5	917.3	966.5	943.5	911.3	152.1	186.3	188.7	333.1
12:11:14	978.6	958	906.4	956.5	935.6	902	148	180.2	187.2	332.6
12:11:19	968.5	947.6	898.1	947.6	927.7	890.2	152.3	188.7	194.1	334.1
12:11:24	959	937.1	890.2	937.6	918.8	882.4	147.6	203.4	218.4	299.4
12:11:29	947.1	926.2	879.4	928.7	908.9	874.6	142.2	190	203.5	318
12:11:34	936.6	915.3	869.2	918.3	900.6	865.8	144.2	183.2	191.8	312.1
12:11:39	925.4	903.2	858.6	908.6	889.9	856.7	145.4	183.5	196	300.8
12:11:44	913.9	892.2	847.8	896.7	878.5	846.9	147	182.6	184.1	300.9
12:11:49	902.6	879.5	834.3	884.4	866.3	833.8	140.4	173.9	179.1	295.2
12:11:54	891.3	867.3	820.3	871.7	855.6	822.2	141.5	172.6	183.2	301.5
12:11:59	879	854.2	805	859.5	843.5	813.1	152.5	166.8	171.2	287
12:12:04	866.9	838.2	793	845.5	831	800.6	137.5	158.2	163.5	302.7
12:12:09	850.8	821.3	779.2	830.5	814.1	786.3	125.6	154.8	161.1	290.9
12:12:14	831.5	800.7	759.2	811.2	794	767.3	118.6	148.2	151.1	299.3
12:12:19	811.7	781.1	741.7	793.5	774.4	754	117	146.8	148.2	290.7
12:12:24	791.6	760.2	724.2	772.5	754.5	735.1	116.4	153.1	151.2	289.3
12:12:29	776.3	742.2	708.3	755.4	737	720.5	107.6	142.1	148.5	279.2
12:12:34	762.1	726.6	694.2	739.8	722.4	706.9	103.7	140	142.6	276.5
12:12:39	748.4	710.6	676	723.8	708.3	693.7	103.1	138.7	146.6	275.7
12:12:44	736.1	695.6	663.8	709.7	694.7	682	105.1	138.8	140.2	270.9
12:12:49	724.8	682.5	651.3	695.6	682.1	669.5	105.2	147.7	149.7	265.8
12:12:54	713	668.5	638.3	682.5	670.4	659.2	107.8	137.3	141.3	264.2
12:12:59	702.7	656.9	625.8	667.6	659.2	648.5	103.6	130.9	135.9	260.8
12:13:04	692.4	644.8	614.7	655.5	648.1	636.9	102.4	134.7	138.8	258.7
12:13:09	682.1	630.4	601.3	643.4	636.5	626.3	92.5	128.4	140.9	270.6
12:13:14	673.7	619.3	590.6	631.8	626.7	618.4	92.2	127.7	139.7	255.7
12:13:19	665	609.3	580.1	621.3	616.7	609.3	93.6	131.2	136.7	254.6
12:13:24	653.7	599	569	610.5	608.7	601.3	95.5	118.4	121.5	253.4
12:13:29	646.7	589.3	560.7	600.4	600.8	593.4	97.4	116.1	113.4	251.9
12:13:34	638.4	581.4	551.9	591.1	592.1	588.4	95.8	118	125.8	249.7
12:13:39	631.9	572.2	544.1	581	583.8	579.6	91.4	113.9	116.7	262.7
12:13:44	625.1	563.1	537.3	571.9	574.2	574.2	87.7	110.4	112.3	254.2
12:13:49	618.9	553.8	526.6	563.5	567.6	569	87.5	115.5	118.4	252.1
12:13:54	612.6	546.6	518.4	555.8	560.8	564.5	86	114.7	119	249.6
12:13:59	605.1	537.7	512.4	545.5	552.9	556.6	82.7	111	116	246.6
12:14:04	599.2	529.5	507.4	539.7	547.5	552.6	79.1	106.4	111.4	244.2
12:14:09	592.7	523.6	501.4	532.8	541.1	547.5	78.1	109.7	114.5	242.3
12:14:14	586.6	515.6	494.2	525.8	535	541.9	78.6	108.4	115.9	240.5
12:14:19	581.2	509.8	488.9	518.5	528.2	535.6	76.9	105.4	114.1	239
12:14:24	576.6	503.3	484.5	511.6	521.3	531	76.9	107.5	114.3	235.9
12:14:29	570.5	496.8	475.6	504.6	515.6	525.8	76.7	102.1	107.8	239.7
12:14:34	565.9	491.2	471.2	499.5	511.1	521.2	77.9	98.8	107.6	235.8
12:14:39	561.3	485.9	467.1	493.3	505.5	518	76.2	100.8	110.2	233.6

12:14:44	557.2	480.2	462.2	486.3	500	513.8	72	101.3	109.6	231.1
12:14:49	550.3	473.4	456.8	479.6	495.4	509.2	71.8	96.8	102.2	226.5
12:14:54	545.2	467.6	450	475.2	491.2	505.1	77.6	96.3	100.1	222.7
12:14:59	539.7	463.2	443.7	468.4	486.7	501	77.4	97	101.7	221.3
12:15:04	535.1	456.8	439.8	463.9	482.1	497.8	74.2	96.3	103.6	219.5
12:15:09	531.4	451.7	435.8	457.3	478	493.1	74.9	92.5	94.8	217.9
12:15:14	527.4	446.7	433.4	451.9	473.8	487.7	76.9	100.4	101.3	216
12:15:19	521.4	442.1	428.2	447.6	468.6	485.1	75.7	100.4	102.6	214.2
12:15:24	518.2	437.6	423.9	444	464.5	482.8	72	97	97.2	212.2
12:15:29	513.9	434	419.9	438.1	459.2	479.3	69.8	98.9	100.5	210.7
12:15:34	510.7	429.5	413.9	434	455	477.4	70.4	96.7	100.2	208.5
12:15:39	506.3	425.1	410.6	428	450.3	474.2	71.4	97.5	98.5	206.8
12:15:44	502	420.3	406.8	422.5	446.9	470.7	69.9	92.7	92.9	205.9
12:15:49	497.4	416	404.4	417	443.9	467.6	68.1	90.5	98.1	206.2
12:15:54	494	412.3	400.2	413.8	440.5	465.6	65.6	87.8	96.8	205
12:15:59	490.8	407.7	396.8	408.4	435.9	461.9	62.8	88.6	95.6	203.8
12:16:04	487.7	403.4	392	405	432.2	458.9	66.4	89.7	93.2	201.4
12:16:09	483.6	399.1	388.1	401.7	428.9	456.2	65.9	90	95.4	199.2
12:16:14	480	396.4	384.9	398.5	425.5	453.1	64.1	88.9	93.6	198.8
12:16:19	477	392.1	380	395	421.5	448.9	65	88.3	90.1	198.1
12:16:24	474	388.3	376.9	391	417.8	444.7	68	88.5	91.5	196.9
12:16:29	470.1	383.7	374.5	386.8	414.7	441.9	65.1	89.8	94	196.6
12:16:34	466.8	380.3	370.8	382.2	411.8	437.9	64.9	84	86.1	195.6
12:16:39	463.2	377.3	367.8	378.9	408.7	434.4	66.2	85	88.9	194.2
12:16:44	460.9	374.1	364.4	374.6	405.9	432.9	67.5	86.5	88	193.1
12:16:49	457.5	371.2	362.3	372.4	403.3	432	68.1	86.3	89.9	192.2
12:16:54	454.2	368.4	360.2	368.2	401.2	427.7	64.3	85.2	87.7	192.1
12:16:59	450.9	365.2	356.5	365.7	398.8	425.6	61.7	78.7	82.1	191.6
12:17:04	447.8	361	352.5	362.1	396.3	421.7	63.1	82.8	87.7	190.9
12:17:09	445.5	356.3	349.3	358.8	393.1	420.2	61.9	79.1	85.8	189.8
12:17:14	442.9	353.8	346.3	354.6	389.8	417.3	59	74.9	82.1	188.8
12:17:19	439.2	351.1	343.2	351.8	387.6	415	57.1	78.4	84.5	188
12:17:24	435.9	347.8	341	347.7	384.4	411.8	57.2	80	83	187.2
12:17:29	432.9	344.9	338.1	345.8	381.2	409.7	55.1	74.4	79.2	186.5
12:17:34	430.4	343.2	335	342.7	378.9	407.8	58.1	75.1	77.7	185
12:17:39	427.7	340.6	332.6	339.9	376.1	405.3	54.8	74	79.5	183.5
12:17:44	424.3	337.5	330.7	336.4	373.6	404.3	58.3	73.6	77.8	181.7
12:17:49	422	335.4	328.2	332.9	370.6	400.9	63	74.5	75.9	181.3
12:17:54	419.5	332.2	326.5	331	367.3	399.6	58.8	77.1	79.5	180.2
12:17:59	417.2	329.4	324	327.8	364.4	398.9	58.8	76.9	78.1	180.3
12:18:04	414.9	326	320.6	325.9	361.6	396.3	57.5	76.2	80.2	179.6
12:18:09	411.6	324.2	318.9	324	359	395.7	54	75.7	78.9	180.1
12:18:14	409.7	322.3	316.2	322.3	357	393.4	54.5	73.1	77.8	180.3
12:18:19	407	319.8	314	320.7	355.2	391.1	51.6	65.4	70.2	179.2
12:18:24	404.7	316.5	312.6	318.4	352.5	388.9	54.9	67.4	69.8	178.7
12:18:29	402.6	314.7	311.4	316.7	351	386.4	54.1	68.3	71.1	178.1
12:18:34	400.2	312.2	309.4	314.4	349.9	384	51.9	67.7	73.1	177.5
12:18:39	397.3	309.7	305.8	312.6	348.2	382.7	53.3	67.7	71.8	176.8

12:18:44	394.2	307.5	304.9	309.8	346.3	380.1	51.6	68.7	73.1	176.1
12:18:49	392.1	303.8	301.9	308.1	343.3	377.6	53.7	66.9	71.4	175.5
12:18:54	389.6	301.6	298.5	306.4	341.9	376.3	50.3	69.7	74.6	175
12:18:59	387.2	300.2	296.6	303.5	340.2	373.1	50.2	70.1	77.5	174.5
12:19:04	385.7	297.7	295.6	302	337.8	371.9	47.9	65.5	74.9	174
12:19:09	383.5	296.4	294	300	335.2	372.7	49.8	71.3	79.1	173.4
12:19:14	381.6	294.3	292.2	297.3	332.6	371.3	52.1	71.4	77.5	172.7
12:19:19	379.8	292.9	290.3	295.6	331.2	370.2	51.8	70.1	72.8	171.2
12:19:24	378.1	290.9	289.4	293.3	330	368.4	51.6	70.5	75.1	170.2
12:19:29	376.3	289.5	287.4	289.9	327	366.3	53.7	72.3	75.2	169.4
12:19:34	374.1	287.3	286.9	288.6	325.6	364.7	54.4	74.2	76.6	168.5
12:19:39	371.9	285.2	284.4	285.8	323.9	363.3	50	66.8	70.5	168
12:19:44	369.3	283.2	281.1	283.6	322.4	361.2	40.8	47.6	47.7	168
12:19:49	366.8	280.2	277.5	282.4	321.8	360.8	33.6	37.9	37.4	167.4
12:19:54	363.6	277.6	273.9	280.8	320	358.9	30	33.7	33	167.9
12:19:59	360.1	274.8	270	277.8	317.4	357	39.1	40.7	39.5	166.7
12:20:04	358.6	271.9	266.3	275.4	314.7	355.3	48.1	44.2	40.2	165.5
12:20:09	356.9	270	264.1	273.2	310.5	352.7	38.3	36.9	34.2	166.5
12:20:14	355.7	268.1	262.2	271.3	307.2	349.9	36.7	43.4	42.7	165.2
12:20:19	354.6	266.2	259.7	269.1	306.7	348.4	45	48.7	48.2	163.5
12:20:24	352.6	263.3	257	267.2	305.7	345.5	48.5	50	47.7	162
12:20:29	349.4	260.7	255.7	264.5	302.3	343.5	46.6	49.3	48.3	160.4
12:20:34	348.2	258.2	253.5	262.8	300.2	342.2	50.4	51.4	50.2	159.2
12:20:39	347	255.8	253.1	261.2	299.7	340.1	50	56	53.1	158.4
12:20:44	345.4	253.5	251.7	259.7	298.1	339.7	47.4	53.7	55.4	157.8
12:20:49	343.6	251.2	250.3	257.4	296.8	338.7	49.4	59.5	58.4	157.3
12:20:54	341.6	249.7	249	256.3	294.8	337.2	50	59.8	56.3	156.8
12:20:59	340.4	248.2	247.3	255.5	293.8	336.4	47	59.2	58	156.2
12:21:04	338.9	246.4	245.6	253.4	292.1	333.9	44.5	61.2	60.9	155.5
12:21:09	337.6	244.8	244.4	252	290.4	332.2	45.3	58.2	56.1	154.8
12:21:14	336.1	243.3	242.1	250.4	289.6	332.3	44	55.9	54.6	153.9
12:21:19	334.4	242	240.8	248.7	287.6	331.1	45.4	54	52.4	153.1
12:21:24	333	240	239.6	246.1	286.3	331	44.8	55.9	56.1	152.3
12:21:29	330.9	238.8	238.5	244.4	284.8	328.8	45.5	56.1	57.4	151.4
12:21:34	329	237.8	237.2	243	283.1	326.7	46.7	57.8	58.6	150.7
12:21:39	327.8	236.6	235.6	241	282.2	326.6	43.9	53.9	55.8	150
12:21:44	326	234.9	233.9	239.6	281.6	327.1	41.8	46.3	46.9	148.5
12:21:49	324.7	233.6	231.8	238.3	280.3	325.9	39.7	40	40.3	147.2

TIME	Slot 11	Slot 12	Slot 13	Slot 14	Slot 15	Slot 16	Slot 17	Slot 18	Slot 19	Slot 20
of										
current										
DATA	deg C	deg C	kW/sq m	kW/sq m	kW/sq m	kW/sq m	kW/sq m	kW/sq m	kW/sq m	kW/sq m
11:47:04	36.8	67.5	-3.00E-	-2.00E-	-3.00E-	1.00E-	2.00E-	3.00E-	1.10E-	2.50E-

			05	05	05	05	05	05	04	04
11:47:09	46.4	143.7	-3.00E-05	-2.00E-05	-2.00E-05	1.10E-04	7.00E-05	1.20E-04	2.00E-04	4.30E-04
11:47:14	105.3	233.8	0	-1.00E-05	-3.00E-05	1.30E-04	1.20E-04	1.90E-04	2.40E-04	5.50E-04
11:47:19	137.6	321.7	1.10E-04	8.00E-05	9.00E-05	8.00E-05	1.30E-04	2.20E-04	2.90E-04	6.20E-04
11:47:24	168.9	375.5	2.00E-05	3.00E-05	0	9.00E-05	1.50E-04	2.60E-04	3.20E-04	7.00E-04
11:47:29	200.3	410.6	0	8.00E-05	7.00E-05	1.10E-04	1.80E-04	3.10E-04	3.60E-04	7.90E-04
11:47:34	234	444.9	1.10E-04	8.00E-05	6.00E-05	1.20E-04	1.90E-04	3.30E-04	3.80E-04	8.60E-04
11:47:39	258.9	460.3	7.00E-05	8.00E-05	4.00E-05	1.40E-04	2.10E-04	3.70E-04	4.20E-04	9.40E-04
11:47:44	253.2	478.2	1.30E-04	6.00E-05	8.00E-05	1.40E-04	2.20E-04	3.90E-04	4.30E-04	9.90E-04
11:47:49	250.1	491.5	5.00E-05	6.00E-05	3.00E-05	1.40E-04	2.20E-04	3.90E-04	4.30E-04	1.03E-03
11:47:54	236.1	493.7	-1.00E-05	5.00E-05	6.00E-05	1.50E-04	2.30E-04	4.10E-04	4.40E-04	1.05E-03
11:47:59	243.2	497.9	2.00E-05	1.60E-04	6.00E-05	1.60E-04	2.50E-04	4.40E-04	4.60E-04	1.12E-03
11:48:04	249.9	498.1	1.70E-04	1.60E-04	3.00E-05	1.70E-04	2.70E-04	4.70E-04	5.10E-04	1.20E-03
11:48:09	263.6	516	1.30E-04	1.60E-04	2.60E-04	1.90E-04	3.00E-04	5.30E-04	5.60E-04	1.32E-03
11:48:14	260.8	531.1	9.00E-05	4.00E-05	4.00E-05	2.20E-04	3.40E-04	5.90E-04	6.30E-04	1.45E-03
11:48:19	297.8	551.2	4.00E-05	1.00E-04	8.00E-05	2.30E-04	3.70E-04	6.50E-04	6.90E-04	1.58E-03
11:48:24	294	579.8	9.00E-05	1.10E-04	9.00E-05	2.60E-04	4.10E-04	7.40E-04	7.50E-04	1.76E-03
11:48:29	318.3	595.1	-3.00E-05	6.00E-05	1.50E-04	2.80E-04	4.30E-04	7.70E-04	7.90E-04	1.85E-03
11:48:34	342.9	635.4	3.70E-04	1.00E-04	7.00E-05	3.20E-04	4.90E-04	8.60E-04	8.70E-04	2.00E-03
11:48:39	334.7	626.1	1.00E-04	9.00E-05	-1.00E-05	3.30E-04	5.00E-04	9.20E-04	8.80E-04	2.04E-03
11:48:44	370.6	649.3	7.00E-05	9.00E-05	1.40E-04	3.50E-04	5.30E-04	9.60E-04	9.30E-04	2.15E-03
11:48:49	332.1	661	0	3.00E-05	4.00E-05	3.50E-04	5.60E-04	1.00E-03	9.90E-04	2.22E-03
11:48:54	333.1	656.8	1.10E-04	1.00E-04	3.00E-05	3.80E-04	5.80E-04	1.03E-03	1.05E-03	2.35E-03
11:48:59	372.1	674.5	9.00E-05	9.00E-05	2.00E-04	4.30E-04	6.60E-04	1.17E-03	1.14E-03	2.54E-03
11:49:04	409.1	708.1	2.00E-	1.10E-	9.00E-	4.60E-	7.20E-	1.31E-	1.29E-	2.81E-

			05	04	05	04	04	03	03	03
11:49:09	390.7	705.7	1.00E-04	1.70E-04	2.70E-04	4.60E-04	7.10E-04	1.32E-03	1.26E-03	2.82E-03
11:49:14	412.4	713.8	7.00E-05	1.20E-04	8.00E-05	4.90E-04	7.70E-04	1.40E-03	1.40E-03	3.06E-03
11:49:19	437.5	733.5	2.50E-04	1.40E-04	1.50E-04	5.20E-04	8.00E-04	1.43E-03	1.42E-03	3.16E-03
11:49:24	426.1	740.7	2.60E-04	6.00E-05	7.00E-05	5.40E-04	8.40E-04	1.53E-03	1.48E-03	3.25E-03
11:49:29	474.3	749.7	1.80E-04	1.30E-04	1.60E-04	5.70E-04	8.60E-04	1.56E-03	1.48E-03	3.31E-03
11:49:34	467.2	761.5	7.00E-05	1.20E-04	1.40E-04	5.90E-04	9.30E-04	1.69E-03	1.73E-03	3.74E-03
11:49:39	466.9	783.9	5.00E-05	1.30E-04	6.00E-05	6.20E-04	9.50E-04	1.77E-03	1.71E-03	3.73E-03
11:49:44	503.4	788.6	1.80E-04	1.90E-04	1.90E-04	6.40E-04	9.60E-04	1.78E-03	1.69E-03	3.72E-03
11:49:49	510.5	803.1	3.90E-04	2.70E-04	1.80E-04	6.60E-04	1.02E-03	1.84E-03	1.76E-03	3.87E-03
11:49:54	549.4	812.7	1.90E-04	2.40E-04	2.80E-04	6.90E-04	1.06E-03	1.91E-03	1.83E-03	3.94E-03
11:49:59	542.5	818.4	3.80E-04	2.10E-04	6.00E-05	7.00E-04	1.09E-03	1.99E-03	1.92E-03	4.16E-03
11:50:04	559.5	816	-1.00E-05	9.00E-05	3.60E-04	7.40E-04	1.15E-03	2.09E-03	2.05E-03	4.40E-03
11:50:09	570.2	827.6	1.40E-04	1.40E-04	1.60E-04	7.70E-04	1.20E-03	2.18E-03	2.11E-03	4.51E-03
11:50:14	574.3	828.5	3.90E-04	3.20E-04	2.80E-04	8.10E-04	1.24E-03	2.23E-03	2.13E-03	4.64E-03
11:50:19	590	848.9	4.50E-04	2.90E-04	4.90E-04	8.60E-04	1.26E-03	2.27E-03	2.20E-03	4.69E-03
11:50:24	607.5	854.6	1.50E-04	2.10E-04	5.00E-05	8.30E-04	1.30E-03	2.30E-03	2.24E-03	4.83E-03
11:50:29	599.3	851.3	1.20E-04	1.20E-04	7.00E-05	8.30E-04	1.26E-03	2.34E-03	2.30E-03	4.96E-03
11:50:34	654	850.8	2.40E-04	1.80E-04	7.00E-05	7.70E-04	1.20E-03	2.20E-03	2.13E-03	4.86E-03
11:50:39	666.6	851.3	2.50E-04	2.50E-04	7.00E-05	9.10E-04	1.34E-03	2.45E-03	2.32E-03	5.23E-03
11:50:44	673	870.1	3.70E-04	2.70E-04	1.00E-04	9.00E-04	1.34E-03	2.48E-03	2.36E-03	5.31E-03
11:50:49	678.7	875.2	4.80E-04	2.40E-04	2.70E-04	9.30E-04	1.37E-03	2.56E-03	2.46E-03	5.51E-03
11:50:54	661	874.7	3.30E-04	2.60E-04	2.20E-04	1.00E-03	1.48E-03	2.66E-03	2.44E-03	5.52E-03
11:50:59	633.1	879.1	1.30E-04	1.80E-04	1.40E-04	9.30E-04	1.43E-03	2.66E-03	2.50E-03	5.67E-03
11:51:04	598.3	874.7	3.90E-	2.30E-	7.00E-	9.50E-	1.40E-	2.57E-	2.51E-	5.71E-

			04	04	05	04	03	03	03	03
11:51:09	644.7	892.8	1.60E-04	2.00E-04	3.80E-04	9.80E-04	1.46E-03	2.68E-03	2.53E-03	5.82E-03
11:51:14	653.5	897.7	2.20E-04	3.30E-04	1.20E-04	9.30E-04	1.47E-03	2.70E-03	2.68E-03	6.07E-03
11:51:19	636.3	909	3.50E-04	2.90E-04	3.20E-04	9.40E-04	1.51E-03	2.77E-03	2.56E-03	6.00E-03
11:51:24	668	925.8	3.90E-04	3.10E-04	2.30E-04	1.13E-03	1.60E-03	2.94E-03	2.63E-03	5.90E-03
11:51:29	659	924.7	2.10E-04	3.50E-04	3.60E-04	1.13E-03	1.67E-03	3.20E-03	2.86E-03	6.31E-03
11:51:34	732.6	914.3	6.10E-04	4.50E-04	2.80E-04	1.16E-03	1.64E-03	2.99E-03	2.70E-03	6.20E-03
11:51:39	719.8	938.1	1.50E-04	2.90E-04	4.00E-04	1.25E-03	1.80E-03	3.38E-03	3.04E-03	6.44E-03
11:51:44	774.7	973.1	7.80E-04	4.70E-04	2.00E-04	1.52E-03	2.08E-03	3.79E-03	3.10E-03	6.58E-03
11:51:49	841.1	981.2	3.30E-04	3.70E-04	4.40E-04	1.33E-03	1.94E-03	3.59E-03	3.02E-03	6.37E-03
11:51:54	862.4	1005.3	1.08E-03	7.30E-04	5.30E-04	1.49E-03	2.10E-03	3.92E-03	3.25E-03	6.70E-03
11:51:59	868.2	1006.8	4.60E-04	5.10E-04	3.80E-04	1.32E-03	1.95E-03	3.65E-03	2.98E-03	6.22E-03
11:52:04	888.7	1013.9	5.90E-04	5.40E-04	3.00E-04	1.38E-03	2.07E-03	3.89E-03	3.18E-03	6.63E-03
11:52:09	907.5	1012	3.00E-04	3.20E-04	4.90E-04	1.38E-03	2.16E-03	4.26E-03	3.55E-03	7.18E-03
11:52:14	866.9	1015.6	7.30E-04	4.80E-04	2.80E-04	1.42E-03	2.19E-03	4.21E-03	3.48E-03	6.87E-03
11:52:19	884.3	1029.7	4.80E-04	4.30E-04	2.00E-04	1.46E-03	2.12E-03	4.02E-03	3.45E-03	6.74E-03
11:52:24	886.8	1034.3	6.50E-04	3.80E-04	4.00E-04	1.57E-03	2.27E-03	4.28E-03	3.44E-03	6.51E-03
11:52:29	942.2	1043.1	5.20E-04	6.00E-04	3.60E-04	1.62E-03	2.29E-03	4.40E-03	3.51E-03	6.57E-03
11:52:34	946.2	1038.5	4.20E-04	4.50E-04	8.10E-04	1.70E-03	2.38E-03	4.63E-03	3.72E-03	6.99E-03
11:52:39	940.2	1026.8	2.70E-04	5.20E-04	5.50E-04	1.48E-03	2.21E-03	4.34E-03	3.51E-03	6.63E-03
11:52:44	929.8	1024.2	3.60E-04	5.40E-04	4.60E-04	1.63E-03	2.23E-03	4.38E-03	3.51E-03	6.63E-03
11:52:49	950.6	1045.5	7.00E-04	3.60E-04	3.00E-04	1.46E-03	2.21E-03	4.46E-03	3.54E-03	6.89E-03
11:52:54	982.1	1049.1	4.40E-04	4.80E-04	3.40E-04	1.40E-03	2.28E-03	4.45E-03	3.57E-03	7.02E-03
11:52:59	946.1	1032.2	4.00E-04	3.90E-04	3.50E-04	1.74E-03	2.51E-03	4.88E-03	3.73E-03	7.07E-03
11:53:04	965.1	1026.1	9.60E-	6.80E-	5.60E-	1.83E-	2.59E-	4.93E-	3.81E-	7.19E-

			04	04	04	03	03	03	03	03
11:53:09	998.9	1061	8.50E-04	6.30E-04	5.20E-04	1.64E-03	2.36E-03	4.67E-03	3.74E-03	6.93E-03
11:53:14	986.8	1043.6	2.40E-04	4.10E-04	5.10E-04	1.77E-03	2.48E-03	4.99E-03	3.92E-03	7.26E-03
11:53:19	981.3	1055.9	6.30E-04	5.20E-04	3.60E-04	1.60E-03	2.38E-03	4.56E-03	3.69E-03	7.11E-03
11:53:24	967.6	1050.1	1.25E-03	6.00E-04	6.80E-04	1.74E-03	2.51E-03	4.80E-03	3.89E-03	7.09E-03
11:53:29	960.6	1050.6	5.50E-04	4.10E-04	3.70E-04	1.57E-03	2.45E-03	4.79E-03	4.10E-03	7.42E-03
11:53:34	1012.9	1059.9	1.01E-03	7.30E-04	4.40E-04	1.80E-03	2.50E-03	4.75E-03	3.85E-03	7.15E-03
11:53:39	996.8	1050.6	1.01E-03	6.80E-04	6.20E-04	1.62E-03	2.38E-03	4.65E-03	3.73E-03	7.28E-03
11:53:44	1014.1	1053.3	8.60E-04	7.10E-04	2.90E-04	1.77E-03	2.39E-03	4.65E-03	3.75E-03	7.12E-03
11:53:49	970.7	1064.1	4.20E-04	5.50E-04	6.60E-04	1.80E-03	2.70E-03	5.33E-03	4.34E-03	8.01E-03
11:53:54	636.2	1049.6	7.90E-04	7.30E-04	5.50E-04	1.89E-03	2.61E-03	5.01E-03	4.07E-03	7.57E-03
11:53:59	992.2	1043.5	5.30E-04	6.00E-04	5.00E-04	1.77E-03	2.41E-03	4.85E-03	3.79E-03	7.36E-03
11:54:04	857.5	1064	5.80E-04	6.30E-04	7.20E-04	1.88E-03	2.55E-03	5.06E-03	3.89E-03	7.31E-03
11:54:09	530.9	1064	9.50E-04	9.30E-04	8.80E-04	2.11E-03	2.75E-03	5.28E-03	4.16E-03	7.65E-03
11:54:14	1033.4	1084.7	8.00E-04	7.70E-04	5.20E-04	2.05E-03	2.97E-03	5.69E-03	4.31E-03	8.05E-03
11:54:19	963.7	1066.7	6.80E-04	7.90E-04	7.40E-04	2.12E-03	3.00E-03	5.97E-03	4.50E-03	7.56E-03
11:54:24	525.9	1059.5	3.10E-04	4.30E-04	3.20E-04	1.77E-03	2.59E-03	5.34E-03	4.06E-03	7.49E-03
11:54:29	1020.7	1065.1	2.10E-04	4.50E-04	4.90E-04	1.84E-03	2.59E-03	5.16E-03	4.14E-03	7.49E-03
11:54:34	1016.5	1077.9	1.04E-03	8.50E-04	3.80E-04	2.09E-03	2.86E-03	5.44E-03	4.20E-03	7.41E-03
11:54:39	1030.9	1070.8	9.00E-04	6.60E-04	2.90E-04	2.03E-03	2.89E-03	5.54E-03	4.19E-03	7.64E-03
11:54:44	1034.8	982.2	1.13E-03	6.60E-04	3.40E-04	2.12E-03	2.83E-03	5.55E-03	4.38E-03	7.66E-03
11:54:49	432.6	1052.7	7.10E-04	6.70E-04	9.50E-04	2.32E-03	3.06E-03	5.75E-03	4.59E-03	8.07E-03
11:54:54	481	1084.2	9.10E-04	9.70E-04	4.40E-04	2.08E-03	2.80E-03	5.28E-03	4.13E-03	7.22E-03
11:54:59	404.5	1100.8	1.10E-03	9.00E-04	8.90E-04	2.38E-03	3.28E-03	6.29E-03	4.71E-03	7.86E-03
11:55:04	371.6	1098.2	7.00E-	6.50E-	4.00E-	1.93E-	2.65E-	5.20E-	4.12E-	7.51E-

			04	04	04	03	03	03	03	03
11:55:09	388.6	1123.7	1.12E-03	6.80E-04	3.60E-04	2.32E-03	3.10E-03	5.80E-03	4.55E-03	7.90E-03
11:55:14	381.4	1126.3	7.40E-04	8.40E-04	8.50E-04	2.27E-03	3.08E-03	5.54E-03	4.39E-03	7.89E-03
11:55:19	379.9	1108.1	1.15E-03	7.90E-04	4.30E-04	2.15E-03	2.86E-03	5.45E-03	4.28E-03	7.60E-03
11:55:24	381.9	1113.1	9.60E-04	1.14E-03	6.50E-04	2.31E-03	3.02E-03	5.59E-03	4.25E-03	7.36E-03
11:55:29	389	1098.2	1.19E-03	9.00E-04	5.50E-04	2.26E-03	3.01E-03	5.65E-03	4.57E-03	7.41E-03
11:55:34	389.9	1131.6	1.90E-03	8.80E-04	5.20E-04	2.22E-03	2.88E-03	5.48E-03	4.26E-03	7.52E-03
11:55:39	394.2	1114.8	1.12E-03	1.06E-03	4.80E-04	2.26E-03	2.94E-03	5.55E-03	4.14E-03	6.99E-03
11:55:44	394.5	1078.6	1.27E-03	8.50E-04	7.10E-04	2.18E-03	2.93E-03	5.68E-03	4.62E-03	7.96E-03
11:55:49	398.9	1090.8	1.12E-03	7.30E-04	4.90E-04	2.10E-03	2.63E-03	5.04E-03	3.91E-03	7.62E-03
11:55:54	404.7	1119.6	1.05E-03	8.60E-04	1.01E-03	2.58E-03	3.28E-03	5.89E-03	4.46E-03	7.91E-03
11:55:59	406.9	1135.3	7.50E-04	1.12E-03	7.10E-04	2.51E-03	3.34E-03	6.31E-03	4.63E-03	7.60E-03
11:56:04	409.8	1135.8	1.16E-03	1.31E-03	7.10E-04	2.48E-03	3.20E-03	5.89E-03	4.34E-03	7.37E-03
11:56:09	411.2	1125.8	6.50E-04	1.04E-03	7.60E-04	2.21E-03	2.91E-03	5.57E-03	4.17E-03	7.66E-03
11:56:14	415.1	1124.1	6.00E-04	9.60E-04	7.70E-04	2.28E-03	2.97E-03	5.58E-03	4.14E-03	7.26E-03
11:56:19	415.8	1073.3	8.50E-04	1.12E-03	9.30E-04	2.04E-03	2.62E-03	5.12E-03	3.96E-03	6.92E-03
11:56:24	418.2	1091.4	9.10E-04	9.80E-04	1.04E-03	2.18E-03	2.81E-03	5.31E-03	4.23E-03	7.34E-03
11:56:29	413.6	1120.1	1.21E-03	1.20E-03	6.90E-04	2.35E-03	2.86E-03	5.26E-03	4.29E-03	7.61E-03
11:56:34	426.1	1123.2	6.40E-04	1.03E-03	1.05E-03	2.60E-03	3.23E-03	6.09E-03	4.69E-03	7.99E-03
11:56:39	428.9	966.2	1.52E-03	1.63E-03	1.39E-03	3.02E-03	3.52E-03	6.58E-03	4.83E-03	7.73E-03
11:56:44	417.4	533.9	6.50E-04	9.10E-04	7.80E-04	2.24E-03	2.75E-03	5.54E-03	4.01E-03	7.26E-03
11:56:49	420.2	564.2	1.07E-03	8.50E-04	4.20E-04	2.15E-03	2.83E-03	5.50E-03	4.29E-03	7.83E-03
11:56:54	434.2	563.8	6.90E-04	1.09E-03	8.20E-04	2.29E-03	2.90E-03	5.62E-03	4.28E-03	7.69E-03
11:56:59	436.9	564.2	7.50E-04	8.70E-04	4.70E-04	2.15E-03	2.82E-03	5.65E-03	4.39E-03	7.71E-03
11:57:04	434.1	579.5	1.19E-	9.90E-	7.60E-	2.42E-	2.96E-	5.85E-	4.43E-	7.68E-

			03	04	04	03	03	03	03	03
11:57:09	472.7	575.8	1.00E-03	1.29E-03	7.10E-04	2.49E-03	3.01E-03	5.83E-03	4.50E-03	8.22E-03
11:57:14	443.9	584.5	7.20E-04	1.06E-03	8.30E-04	2.31E-03	3.04E-03	6.00E-03	4.77E-03	8.00E-03
11:57:19	431.9	648	8.70E-04	9.90E-04	1.00E-03	2.31E-03	3.12E-03	5.92E-03	4.76E-03	7.88E-03
11:57:24	430.8	620.2	5.10E-04	1.00E-03	8.30E-04	2.34E-03	3.02E-03	5.85E-03	4.45E-03	7.85E-03
11:57:29	431.2	594.3	9.10E-04	9.00E-04	7.00E-04	2.64E-03	3.34E-03	6.07E-03	4.60E-03	7.65E-03
11:57:34	439.5	614.6	8.80E-04	1.47E-03	8.10E-04	2.40E-03	3.09E-03	6.01E-03	4.66E-03	7.67E-03
11:57:39	452.2	615.2	9.30E-04	7.10E-04	6.00E-04	2.15E-03	2.85E-03	5.17E-03	4.38E-03	7.52E-03
11:57:44	420.7	621.5	8.40E-04	9.00E-04	8.00E-04	2.34E-03	2.98E-03	5.57E-03	4.25E-03	7.45E-03
11:57:49	495.5	621.7	8.00E-04	1.13E-03	6.40E-04	2.50E-03	3.10E-03	5.82E-03	4.63E-03	8.10E-03
11:57:54	499.2	620.6	7.00E-04	1.15E-03	6.50E-04	2.57E-03	3.22E-03	6.05E-03	4.59E-03	7.84E-03
11:57:59	483.6	601.8	3.90E-04	7.50E-04	1.01E-03	2.47E-03	3.13E-03	6.06E-03	4.53E-03	7.93E-03
11:58:04	514.6	433	1.01E-03	1.23E-03	9.50E-04	2.54E-03	3.26E-03	6.13E-03	4.83E-03	7.93E-03
11:58:09	473.9	398.7	7.30E-04	7.30E-04	7.50E-04	2.23E-03	2.89E-03	5.57E-03	4.35E-03	7.56E-03
11:58:14	515.7	404.3	5.10E-04	7.30E-04	5.30E-04	2.36E-03	3.15E-03	5.80E-03	4.44E-03	8.00E-03
11:58:19	515.7	400.5	6.00E-04	7.50E-04	5.80E-04	2.18E-03	2.94E-03	5.70E-03	4.24E-03	7.84E-03
11:58:24	528.2	387.2	4.70E-04	8.80E-04	7.00E-04	2.34E-03	2.93E-03	5.72E-03	4.29E-03	7.91E-03
11:58:29	490.6	393.1	7.60E-04	1.02E-03	6.60E-04	2.26E-03	2.91E-03	5.76E-03	4.57E-03	7.75E-03
11:58:34	492.3	382.9	3.30E-04	8.10E-04	7.50E-04	2.34E-03	2.92E-03	6.01E-03	4.34E-03	8.14E-03
11:58:39	528	384.7	1.10E-03	1.33E-03	9.70E-04	2.61E-03	2.95E-03	5.76E-03	4.25E-03	7.96E-03
11:58:44	548.1	387.5	1.07E-03	8.80E-04	4.70E-04	2.50E-03	2.93E-03	5.83E-03	4.74E-03	7.93E-03
11:58:49	544.1	390.2	8.80E-04	7.50E-04	1.23E-03	2.53E-03	3.24E-03	5.95E-03	4.44E-03	7.51E-03
11:58:54	544.6	390.8	1.10E-03	1.29E-03	1.40E-03	2.86E-03	3.35E-03	6.07E-03	4.77E-03	8.02E-03
11:58:59	528.4	392.6	8.40E-04	1.09E-03	8.50E-04	2.47E-03	2.94E-03	5.60E-03	4.36E-03	7.59E-03
11:59:04	555.1	394.8	5.80E-	6.10E-	6.30E-	2.28E-	2.90E-	5.40E-	4.38E-	7.72E-

			04	04	04	03	03	03	03	03
11:59:09	545.5	400.2	3.50E-04	6.90E-04	4.50E-04	2.10E-03	2.74E-03	5.30E-03	4.19E-03	7.56E-03
11:59:14	558.9	400.3	8.40E-04	8.60E-04	4.90E-04	2.31E-03	2.78E-03	5.84E-03	4.21E-03	7.47E-03
11:59:19	566.3	420.2	5.40E-04	7.60E-04	8.90E-04	2.49E-03	3.02E-03	6.01E-03	4.92E-03	7.72E-03
11:59:24	570.3	602.7	6.10E-04	1.14E-03	9.00E-04	2.26E-03	3.03E-03	5.97E-03	4.55E-03	7.49E-03
11:59:29	572.2	617.5	8.00E-04	9.20E-04	5.60E-04	2.29E-03	2.88E-03	5.92E-03	4.53E-03	7.75E-03
11:59:34	571.8	652.9	7.30E-04	1.12E-03	5.90E-04	2.48E-03	2.90E-03	5.67E-03	4.21E-03	8.04E-03
11:59:39	573.7	427.8	5.70E-04	9.40E-04	8.40E-04	2.34E-03	2.78E-03	5.77E-03	4.50E-03	7.79E-03
11:59:44	573.6	434.7	4.90E-04	7.70E-04	5.00E-04	2.21E-03	2.77E-03	5.71E-03	4.44E-03	7.74E-03
11:59:49	579.3	433.2	1.27E-03	1.24E-03	9.20E-04	2.41E-03	2.96E-03	5.82E-03	4.28E-03	7.38E-03
11:59:54	585.3	421.2	5.00E-04	8.30E-04	8.20E-04	2.04E-03	2.73E-03	5.60E-03	4.31E-03	7.81E-03
11:59:59	590.8	482.4	1.10E-03	1.03E-03	7.20E-04	2.32E-03	2.69E-03	5.36E-03	4.29E-03	7.39E-03
12:00:04	578.4	535.9	1.24E-03	1.02E-03	4.80E-04	2.25E-03	2.94E-03	5.75E-03	4.45E-03	7.51E-03
12:00:09	553	496.8	6.90E-04	1.11E-03	7.00E-04	2.44E-03	3.04E-03	5.89E-03	4.64E-03	8.18E-03
12:00:14	535.9	597.8	9.20E-04	1.28E-03	6.80E-04	2.53E-03	3.18E-03	5.90E-03	4.60E-03	7.86E-03
12:00:19	539.6	528.1	9.60E-04	1.18E-03	8.10E-04	2.28E-03	3.00E-03	5.72E-03	4.38E-03	7.89E-03
12:00:24	546.1	604.7	8.20E-04	1.01E-03	6.40E-04	2.43E-03	2.98E-03	5.75E-03	4.35E-03	7.27E-03
12:00:29	562.7	609.8	5.30E-04	1.40E-03	9.00E-04	2.52E-03	3.10E-03	6.08E-03	4.51E-03	7.57E-03
12:00:34	571	557.2	9.80E-04	1.18E-03	8.50E-04	2.43E-03	2.97E-03	5.83E-03	4.24E-03	7.13E-03
12:00:39	576	619	8.50E-04	1.17E-03	9.90E-04	2.39E-03	3.06E-03	6.11E-03	4.49E-03	7.33E-03
12:00:44	579.7	608.8	7.90E-04	1.30E-03	8.00E-04	2.45E-03	2.78E-03	5.53E-03	4.08E-03	7.27E-03
12:00:49	588.1	621.9	8.00E-04	1.15E-03	7.40E-04	2.30E-03	2.94E-03	5.62E-03	4.12E-03	6.77E-03
12:00:54	591.4	621.4	8.90E-04	1.10E-03	6.60E-04	2.49E-03	3.17E-03	5.71E-03	4.49E-03	7.85E-03
12:00:59	592.3	623.3	1.71E-03	1.44E-03	1.11E-03	2.76E-03	3.27E-03	6.68E-03	4.56E-03	7.95E-03
12:01:04	593.1	626	1.16E-	2.04E-	1.21E-	2.67E-	2.91E-	6.10E-	4.29E-	7.37E-

			03	03	03	03	03	03	03	03
12:01:09	596.5	648.4	1.46E-03	1.79E-03	7.50E-04	2.46E-03	2.76E-03	5.85E-03	3.97E-03	7.35E-03
12:01:14	598.8	649.8	8.50E-04	1.43E-03	1.16E-03	2.47E-03	2.86E-03	5.59E-03	4.03E-03	6.93E-03
12:01:19	601.6	651.2	1.74E-03	1.21E-03	7.40E-04	2.43E-03	2.71E-03	5.68E-03	3.95E-03	6.90E-03
12:01:24	603.9	637.3	1.21E-03	1.75E-03	8.30E-04	2.50E-03	2.90E-03	5.79E-03	3.96E-03	6.81E-03
12:01:29	607.1	654	8.10E-04	1.50E-03	9.00E-04	2.23E-03	2.51E-03	5.51E-03	3.78E-03	7.29E-03
12:01:34	611.7	697.3	1.43E-03	1.90E-03	1.17E-03	2.30E-03	2.82E-03	5.77E-03	4.02E-03	7.08E-03
12:01:39	618.3	570.2	1.15E-03	1.69E-03	1.07E-03	2.63E-03	3.20E-03	5.88E-03	4.22E-03	7.36E-03
12:01:44	598.7	432.2	1.08E-03	1.74E-03	1.32E-03	2.93E-03	3.56E-03	6.46E-03	4.55E-03	7.08E-03
12:01:49	605.3	417.4	1.18E-03	1.86E-03	1.35E-03	3.12E-03	3.40E-03	6.32E-03	4.31E-03	6.80E-03
12:01:54	609.5	427.7	1.23E-03	1.64E-03	1.45E-03	2.67E-03	3.14E-03	6.18E-03	4.50E-03	7.54E-03
12:01:59	616.3	604.3	5.00E-04	1.57E-03	1.55E-03	2.68E-03	3.12E-03	5.95E-03	4.19E-03	6.89E-03
12:02:04	622.5	502	1.95E-03	2.45E-03	1.42E-03	2.98E-03	3.27E-03	6.17E-03	4.41E-03	7.00E-03
12:02:09	630.7	653.5	1.33E-03	2.03E-03	9.50E-04	2.74E-03	3.22E-03	6.23E-03	4.36E-03	7.01E-03
12:02:14	640.1	487.1	1.44E-03	2.20E-03	1.88E-03	2.79E-03	3.09E-03	6.08E-03	4.19E-03	7.00E-03
12:02:19	641.4	521.5	1.00E-03	2.39E-03	1.11E-03	3.02E-03	3.39E-03	6.67E-03	4.77E-03	6.65E-03
12:02:24	643.8	471.8	9.30E-04	2.54E-03	1.18E-03	2.59E-03	3.00E-03	6.05E-03	4.12E-03	6.19E-03
12:02:29	634.1	559.7	1.24E-03	2.40E-03	1.09E-03	2.65E-03	2.73E-03	5.40E-03	3.60E-03	5.76E-03
12:02:34	651.8	607.3	1.88E-03	2.40E-03	1.24E-03	2.74E-03	2.95E-03	5.93E-03	3.84E-03	6.42E-03
12:02:39	651.4	517.8	1.14E-03	2.34E-03	1.20E-03	2.39E-03	2.68E-03	5.89E-03	3.84E-03	6.60E-03
12:02:44	652.3	505.8	1.85E-03	2.14E-03	8.40E-04	2.83E-03	3.22E-03	6.07E-03	4.18E-03	6.91E-03
12:02:49	655	508	1.75E-03	2.12E-03	8.90E-04	2.85E-03	2.98E-03	5.99E-03	4.08E-03	6.66E-03
12:02:54	655.9	519.5	1.96E-03	2.20E-03	1.41E-03	2.64E-03	2.73E-03	5.73E-03	3.87E-03	6.46E-03
12:02:59	656.9	519.5	2.30E-03	2.33E-03	1.38E-03	3.04E-03	3.37E-03	6.85E-03	4.63E-03	7.82E-03
12:03:04	658.8	677	1.28E-	2.18E-	1.24E-	2.99E-	3.48E-	6.56E-	4.50E-	7.24E-

			03	03	03	03	03	03	03	03
12:03:09	660.7	722.5	8.30E-04	1.98E-03	9.30E-04	2.53E-03	3.01E-03	5.75E-03	3.89E-03	6.74E-03
12:03:14	661.7	693.4	1.29E-03	2.01E-03	1.32E-03	2.96E-03	3.37E-03	6.19E-03	4.24E-03	7.11E-03
12:03:19	662	678.4	1.44E-03	2.42E-03	1.09E-03	2.66E-03	2.68E-03	5.63E-03	3.81E-03	6.38E-03
12:03:24	662.5	694.7	1.73E-03	2.43E-03	1.93E-03	2.74E-03	3.04E-03	5.98E-03	3.94E-03	6.49E-03
12:03:29	663.1	694.4	9.10E-04	1.86E-03	1.47E-03	2.68E-03	2.86E-03	5.55E-03	3.60E-03	6.33E-03
12:03:34	664.5	691.6	1.30E-03	1.97E-03	9.10E-04	2.68E-03	3.10E-03	5.72E-03	3.95E-03	6.60E-03
12:03:39	664.5	695.8	2.46E-03	1.97E-03	1.07E-03	3.12E-03	3.34E-03	6.40E-03	4.31E-03	6.89E-03
12:03:44	664.9	695.2	1.70E-03	1.98E-03	1.03E-03	2.73E-03	2.82E-03	5.92E-03	3.79E-03	6.63E-03
12:03:49	664.4	693.9	1.58E-03	2.15E-03	1.20E-03	2.63E-03	2.87E-03	5.88E-03	4.16E-03	6.91E-03
12:03:54	664	695.7	1.75E-03	2.32E-03	1.52E-03	2.67E-03	3.10E-03	5.80E-03	3.74E-03	6.39E-03
12:03:59	664.4	695.8	8.20E-04	1.46E-03	1.20E-03	2.28E-03	2.60E-03	5.09E-03	3.22E-03	4.96E-03
12:04:04	664.6	703.8	1.61E-03	2.09E-03	2.07E-03	2.58E-03	2.85E-03	5.36E-03	3.62E-03	6.01E-03
12:04:09	665	704.3	1.26E-03	1.74E-03	1.78E-03	2.67E-03	2.83E-03	5.40E-03	3.72E-03	6.31E-03
12:04:14	664.1	706.2	1.34E-03	1.49E-03	1.83E-03	2.33E-03	2.51E-03	5.09E-03	3.61E-03	6.36E-03
12:04:19	665.1	711.9	1.52E-03	1.96E-03	1.75E-03	2.76E-03	2.82E-03	5.35E-03	3.87E-03	6.54E-03
12:04:24	664.6	716.1	1.60E-03	1.75E-03	1.52E-03	2.66E-03	2.99E-03	6.01E-03	4.44E-03	7.12E-03
12:04:29	664.6	713.3	1.85E-03	2.16E-03	1.48E-03	2.54E-03	2.49E-03	5.02E-03	3.77E-03	6.16E-03
12:04:34	665.1	712.8	1.35E-03	1.76E-03	1.54E-03	2.46E-03	2.60E-03	5.01E-03	3.49E-03	6.10E-03
12:04:39	664.6	719.4	2.44E-03	2.33E-03	2.15E-03	2.81E-03	3.20E-03	5.72E-03	3.76E-03	6.53E-03
12:04:44	664.2	726	1.44E-03	1.62E-03	1.51E-03	2.81E-03	3.06E-03	5.49E-03	3.55E-03	6.23E-03
12:04:49	664.1	731.6	1.23E-03	1.47E-03	1.47E-03	2.48E-03	2.74E-03	5.32E-03	3.56E-03	6.52E-03
12:04:54	664.6	734.9	1.22E-03	1.79E-03	1.61E-03	2.50E-03	2.84E-03	5.45E-03	3.97E-03	6.22E-03
12:04:59	665.2	738.3	1.37E-03	2.01E-03	1.23E-03	2.89E-03	2.86E-03	5.63E-03	4.13E-03	7.10E-03
12:05:04	655.4	742.6	1.81E-	1.94E-	1.43E-	2.94E-	3.05E-	5.93E-	3.98E-	6.67E-

			03	03	03	03	03	03	03	03
12:05:09	647	741.7	1.09E-03	1.68E-03	1.67E-03	2.73E-03	2.92E-03	5.57E-03	3.64E-03	5.88E-03
12:05:14	650.8	735.1	1.41E-03	1.79E-03	1.67E-03	2.87E-03	3.11E-03	5.51E-03	4.09E-03	6.72E-03
12:05:19	651.2	734.1	1.85E-03	1.93E-03	1.74E-03	2.79E-03	3.45E-03	5.70E-03	4.09E-03	6.46E-03
12:05:24	639.6	737.5	2.00E-03	2.15E-03	1.74E-03	2.98E-03	3.14E-03	5.94E-03	3.90E-03	6.39E-03
12:05:29	630.4	739.8	1.58E-03	1.64E-03	1.38E-03	2.96E-03	3.31E-03	5.76E-03	3.85E-03	5.57E-03
12:05:34	624.3	742.2	1.40E-03	1.78E-03	1.47E-03	2.74E-03	2.64E-03	5.08E-03	3.55E-03	6.29E-03
12:05:39	637.8	740.8	1.23E-03	1.81E-03	1.53E-03	2.61E-03	2.57E-03	5.13E-03	3.72E-03	6.83E-03
12:05:44	609.5	741.8	1.63E-03	1.62E-03	1.53E-03	2.68E-03	2.65E-03	4.82E-03	3.80E-03	6.30E-03
12:05:49	592.4	756	2.29E-03	1.53E-03	1.48E-03	2.56E-03	2.83E-03	5.13E-03	3.88E-03	6.02E-03
12:05:54	590	752.6	2.00E-03	1.66E-03	1.51E-03	2.90E-03	2.85E-03	5.28E-03	4.00E-03	6.40E-03
12:05:59	579.9	751.1	1.13E-03	1.45E-03	1.56E-03	2.95E-03	3.12E-03	5.76E-03	4.26E-03	6.91E-03
12:06:04	568	749.4	1.75E-03	1.37E-03	1.30E-03	3.20E-03	3.22E-03	6.14E-03	4.25E-03	6.59E-03
12:06:09	565.7	749.9	1.50E-03	1.81E-03	1.55E-03	2.64E-03	2.74E-03	5.69E-03	4.00E-03	6.46E-03
12:06:14	556	751.8	1.39E-03	2.07E-03	1.98E-03	2.75E-03	2.92E-03	5.84E-03	3.91E-03	6.24E-03
12:06:19	550.1	752.7	9.80E-04	1.23E-03	1.24E-03	2.64E-03	2.97E-03	5.64E-03	4.13E-03	7.06E-03
12:06:24	547.7	752.6	9.20E-04	1.31E-03	1.39E-03	2.54E-03	2.79E-03	5.46E-03	3.89E-03	6.93E-03
12:06:29	548.2	751.3	8.20E-04	1.34E-03	1.59E-03	2.58E-03	2.89E-03	5.24E-03	4.10E-03	7.01E-03
12:06:34	545.5	750.9	1.15E-03	1.54E-03	1.37E-03	2.80E-03	3.03E-03	5.33E-03	4.26E-03	7.26E-03
12:06:39	543.7	750.4	1.25E-03	1.82E-03	1.75E-03	2.73E-03	2.99E-03	5.30E-03	4.21E-03	6.97E-03
12:06:44	542.7	751.8	1.46E-03	1.78E-03	2.14E-03	3.05E-03	3.33E-03	6.02E-03	4.62E-03	7.59E-03
12:06:49	540.8	753.6	1.28E-03	1.81E-03	2.77E-03	2.93E-03	3.01E-03	6.02E-03	4.36E-03	7.77E-03
12:06:54	521.1	757.1	1.68E-03	1.62E-03	1.47E-03	2.82E-03	2.94E-03	5.65E-03	4.22E-03	7.00E-03
12:06:59	537.3	760.9	1.55E-03	1.86E-03	2.10E-03	2.57E-03	2.78E-03	5.33E-03	3.96E-03	6.63E-03
12:07:04	518.4	764.2	1.26E-	1.62E-	1.25E-	2.86E-	3.02E-	5.87E-	4.44E-	7.02E-

			03	03	03	03	03	03	03	03
12:07:09	523	768.5	1.21E-03	1.90E-03	2.24E-03	2.67E-03	2.90E-03	5.62E-03	3.91E-03	6.25E-03
12:07:14	534.5	770.4	1.26E-03	1.53E-03	1.88E-03	2.76E-03	3.03E-03	5.44E-03	4.06E-03	6.53E-03
12:07:19	521.2	766.6	1.11E-03	1.66E-03	1.78E-03	2.62E-03	2.55E-03	5.31E-03	3.68E-03	6.58E-03
12:07:24	532.2	761	1.42E-03	1.54E-03	1.80E-03	2.47E-03	2.30E-03	5.29E-03	3.83E-03	6.46E-03
12:07:29	524	755.8	1.05E-03	1.51E-03	1.80E-03	2.12E-03	2.44E-03	4.90E-03	3.65E-03	6.38E-03
12:07:34	526.7	766.7	1.25E-03	1.23E-03	1.23E-03	2.64E-03	2.91E-03	5.14E-03	4.11E-03	6.83E-03
12:07:39	515.2	750.6	1.28E-03	1.52E-03	1.56E-03	2.37E-03	2.46E-03	4.57E-03	3.40E-03	6.79E-03
12:07:44	510.3	739.8	1.17E-03	1.45E-03	1.13E-03	2.44E-03	2.63E-03	5.34E-03	4.18E-03	7.74E-03
12:07:49	490.5	729.8	9.10E-04	1.16E-03	1.14E-03	2.23E-03	2.51E-03	5.16E-03	3.55E-03	6.47E-03
12:07:54	483.5	726.5	9.80E-04	1.28E-03	1.48E-03	2.55E-03	2.87E-03	5.40E-03	4.11E-03	7.40E-03
12:07:59	468.6	722.8	8.40E-04	1.06E-03	1.19E-03	2.31E-03	2.66E-03	4.77E-03	3.76E-03	7.05E-03
12:08:04	480.6	719	9.80E-04	1.09E-03	1.30E-03	2.55E-03	2.72E-03	5.20E-03	3.65E-03	6.41E-03
12:08:09	474	716.2	7.90E-04	1.12E-03	1.15E-03	2.31E-03	2.36E-03	4.53E-03	3.30E-03	5.98E-03
12:08:14	488.3	712.9	9.80E-04	1.07E-03	1.33E-03	2.56E-03	2.67E-03	4.28E-03	3.50E-03	6.49E-03
12:08:19	497.3	689	9.50E-04	1.02E-03	1.55E-03	2.06E-03	2.09E-03	3.95E-03	3.30E-03	6.25E-03
12:08:24	467.8	616.8	6.20E-04	1.00E-03	1.28E-03	2.14E-03	2.08E-03	4.03E-03	3.03E-03	6.17E-03
12:08:29	467.8	510.8	7.00E-04	1.00E-03	8.30E-04	1.99E-03	2.04E-03	3.81E-03	3.36E-03	6.18E-03
12:08:34	461.8	508.9	8.10E-04	8.10E-04	7.30E-04	1.82E-03	1.95E-03	4.02E-03	3.21E-03	6.44E-03
12:08:39	456.1	525.5	7.20E-04	8.90E-04	7.90E-04	1.93E-03	2.11E-03	3.90E-03	2.96E-03	5.90E-03
12:08:44	462.4	683	6.90E-04	8.00E-04	1.08E-03	1.92E-03	1.90E-03	3.78E-03	2.89E-03	6.08E-03
12:08:49	457.4	679.3	6.00E-04	8.90E-04	9.40E-04	2.04E-03	2.14E-03	3.62E-03	3.30E-03	5.93E-03
12:08:54	475.3	657.4	5.80E-04	8.30E-04	8.30E-04	1.59E-03	1.78E-03	3.64E-03	3.06E-03	6.05E-03
12:08:59	476.4	667.6	4.50E-04	7.60E-04	1.02E-03	1.58E-03	1.49E-03	3.60E-03	3.05E-03	5.90E-03
12:09:04	457.7	664.8	4.60E-	7.40E-	1.13E-	1.63E-	1.64E-	3.81E-	3.03E-	5.79E-

			04	04	03	03	03	03	03	03
12:09:09	472.6	663.5	4.60E-04	6.90E-04	9.60E-04	1.63E-03	1.86E-03	3.53E-03	3.22E-03	6.62E-03
12:09:14	443.1	660.7	4.90E-04	7.00E-04	1.14E-03	1.66E-03	1.70E-03	3.59E-03	3.03E-03	6.10E-03
12:09:19	452.2	658.4	6.50E-04	7.10E-04	7.40E-04	1.65E-03	1.88E-03	3.55E-03	3.16E-03	6.07E-03
12:09:24	441.1	656.1	6.50E-04	7.20E-04	9.20E-04	1.62E-03	1.91E-03	3.66E-03	3.42E-03	6.27E-03
12:09:29	429.7	656.1	6.20E-04	7.50E-04	7.90E-04	1.52E-03	1.77E-03	3.57E-03	3.05E-03	5.52E-03
12:09:34	428.9	656.1	6.30E-04	7.60E-04	1.24E-03	1.69E-03	1.59E-03	2.99E-03	2.55E-03	4.84E-03
12:09:39	431.8	655.2	9.20E-04	7.70E-04	1.02E-03	1.58E-03	1.60E-03	3.10E-03	2.60E-03	4.75E-03
12:09:44	437.1	653.3	6.90E-04	8.10E-04	1.17E-03	1.23E-03	1.34E-03	2.96E-03	2.55E-03	5.23E-03
12:09:49	444.9	649.6	8.20E-04	7.30E-04	8.50E-04	1.28E-03	1.48E-03	2.87E-03	2.38E-03	5.00E-03
12:09:54	429.4	543.2	7.20E-04	6.70E-04	8.00E-04	1.37E-03	1.37E-03	2.84E-03	2.63E-03	5.10E-03
12:09:59	420.4	484.6	7.70E-04	6.70E-04	9.90E-04	1.42E-03	1.46E-03	2.88E-03	2.19E-03	4.56E-03
12:10:04	415	473	7.50E-04	6.00E-04	6.00E-04	1.23E-03	1.09E-03	2.57E-03	2.09E-03	4.32E-03
12:10:09	419.2	479.5	5.80E-04	6.10E-04	7.90E-04	1.19E-03	1.48E-03	2.91E-03	2.70E-03	4.48E-03
12:10:14	406.1	476.2	7.60E-04	7.00E-04	8.00E-04	1.23E-03	1.26E-03	2.96E-03	2.42E-03	4.55E-03
12:10:19	456.6	470.2	8.10E-04	7.20E-04	7.10E-04	1.39E-03	1.38E-03	2.93E-03	2.27E-03	3.87E-03
12:10:24	523.5	454.8	6.80E-04	6.30E-04	5.50E-04	1.09E-03	1.06E-03	2.32E-03	1.73E-03	3.97E-03
12:10:29	391.6	521.3	7.60E-04	7.40E-04	8.40E-04	1.15E-03	7.70E-04	2.29E-03	1.77E-03	3.93E-03
12:10:34	393.8	519.4	7.80E-04	6.70E-04	9.00E-04	9.60E-04	8.50E-04	2.11E-03	2.05E-03	4.24E-03
12:10:39	423	568.7	6.30E-04	5.40E-04	7.50E-04	9.80E-04	1.01E-03	2.09E-03	1.92E-03	4.16E-03
12:10:44	426.8	551.7	6.70E-04	5.90E-04	7.40E-04	1.13E-03	1.23E-03	2.30E-03	1.94E-03	4.27E-03
12:10:49	413.7	459.7	6.80E-04	6.40E-04	8.40E-04	1.11E-03	1.06E-03	2.19E-03	2.00E-03	3.95E-03
12:10:54	408.1	435	7.10E-04	6.40E-04	6.80E-04	1.08E-03	1.15E-03	1.93E-03	1.81E-03	4.03E-03
12:10:59	424.3	421.9	6.80E-04	6.30E-04	9.30E-04	1.13E-03	1.04E-03	1.64E-03	1.56E-03	3.43E-03
12:11:04	413	414.4	7.70E-	5.60E-	7.60E-	1.06E-	1.08E-	1.80E-	1.71E-	3.29E-

			04	04	04	03	03	03	03	03
12:11:09	380.8	409.5	8.00E-04	5.70E-04	6.80E-04	1.04E-03	1.04E-03	1.77E-03	1.59E-03	3.24E-03
12:11:14	375.7	407.4	6.30E-04	6.40E-04	5.40E-04	1.00E-03	7.90E-04	1.57E-03	1.07E-03	2.83E-03
12:11:19	359.9	410	8.00E-04	6.00E-04	6.40E-04	9.80E-04	8.00E-04	1.29E-03	1.10E-03	2.21E-03
12:11:24	405.8	408.4	6.20E-04	4.70E-04	6.30E-04	8.80E-04	6.90E-04	1.24E-03	1.08E-03	2.34E-03
12:11:29	454	404.9	6.80E-04	5.00E-04	6.60E-04	8.00E-04	6.50E-04	1.24E-03	1.09E-03	2.00E-03
12:11:34	448.3	406.4	6.90E-04	5.50E-04	6.70E-04	8.60E-04	5.50E-04	1.25E-03	1.04E-03	2.03E-03
12:11:39	437.2	411.1	6.50E-04	5.30E-04	5.40E-04	7.80E-04	4.80E-04	1.13E-03	8.60E-04	2.15E-03
12:11:44	398.5	409.7	7.30E-04	5.40E-04	7.10E-04	7.30E-04	6.00E-04	1.07E-03	8.50E-04	2.02E-03
12:11:49	415.7	416.7	6.60E-04	5.30E-04	6.60E-04	6.20E-04	4.50E-04	1.09E-03	9.80E-04	1.81E-03
12:11:54	392.2	422.8	4.20E-04	4.70E-04	5.00E-04	7.50E-04	5.10E-04	1.19E-03	7.40E-04	1.65E-03
12:11:59	379.3	423.8	3.60E-04	4.90E-04	5.80E-04	5.80E-04	4.80E-04	1.11E-03	5.70E-04	1.40E-03
12:12:04	417.5	420.3	2.60E-04	4.80E-04	3.50E-04	5.10E-04	4.10E-04	8.40E-04	5.60E-04	1.53E-03
12:12:09	406.5	422.8	4.50E-04	3.80E-04	4.00E-04	3.70E-04	3.60E-04	7.60E-04	4.10E-04	8.90E-04
12:12:14	397.7	421.5	4.70E-04	4.20E-04	5.50E-04	5.90E-04	3.30E-04	6.60E-04	3.20E-04	6.80E-04
12:12:19	365.4	416.8	3.80E-04	4.40E-04	5.00E-04	4.30E-04	2.20E-04	6.50E-04	2.60E-04	5.70E-04
12:12:24	386.3	415.6	3.50E-04	4.40E-04	4.70E-04	3.60E-04	2.00E-04	5.30E-04	2.10E-04	4.00E-04
12:12:29	381.4	422.1	2.20E-04	3.80E-04	5.60E-04	4.80E-04	7.00E-05	5.30E-04	1.90E-04	1.90E-04
12:12:34	368.8	416.4	3.50E-04	4.00E-04	3.80E-04	3.90E-04	5.00E-05	2.60E-04	2.00E-05	2.00E-05
12:12:39	368.1	412.7	2.60E-04	3.80E-04	4.50E-04	4.30E-04	-1.00E-05	9.00E-05	2.00E-04	1.00E-04
12:12:44	348.8	405.2	3.00E-04	3.70E-04	5.60E-04	4.00E-04	-7.00E-05	-2.00E-05	8.00E-05	-9.00E-05
12:12:49	351	409.3	2.50E-04	4.30E-04	3.70E-04	3.50E-04	-5.00E-05	-1.10E-04	1.10E-04	2.40E-04
12:12:54	341.5	402.3	3.30E-04	3.90E-04	3.90E-04	3.40E-04	-7.00E-05	0	1.00E-04	-1.90E-04
12:12:59	332.6	402.3	3.10E-04	4.00E-04	4.90E-04	3.00E-04	3.00E-05	1.80E-04	-9.00E-05	-1.90E-04
12:13:04	338.4	406.8	2.60E-	3.60E-	3.70E-	1.60E-	1.00E-	1.50E-	-1.80E-	-2.10E-

			04	04	04	04	05	04	04	04
12:13:09	323.5	412.7	1.90E-04	3.20E-04	4.60E-04	2.60E-04	-1.20E-04	3.00E-05	-9.00E-05	2.00E-05
12:13:14	317	413.2	2.70E-04	3.10E-04	3.10E-04	2.20E-04	-9.00E-05	-3.00E-05	-8.00E-05	-2.00E-05
12:13:19	325.8	410.5	1.80E-04	3.10E-04	3.90E-04	1.80E-04	-5.00E-05	-4.00E-05	-1.00E-04	-2.10E-04
12:13:24	323.7	417.1	1.90E-04	2.90E-04	4.00E-04	2.50E-04	0	-1.00E-05	-4.00E-05	-2.00E-04
12:13:29	312.9	413.5	1.90E-04	2.70E-04	4.70E-04	2.90E-04	1.00E-05	3.00E-05	-6.00E-05	-1.00E-05
12:13:34	320	409.3	1.70E-04	3.40E-04	3.40E-04	1.70E-04	-8.00E-05	9.00E-05	-1.00E-04	-1.00E-05
12:13:39	306	404.5	1.60E-04	2.90E-04	3.20E-04	1.70E-04	-2.00E-05	6.00E-05	0	-4.00E-05
12:13:44	304.5	399.2	2.30E-04	2.90E-04	2.10E-04	2.00E-04	-2.00E-05	6.00E-05	-1.50E-04	-1.30E-04
12:13:49	299.8	395	2.70E-04	2.60E-04	1.90E-04	2.10E-04	-1.10E-04	-1.00E-04	-7.00E-05	-2.90E-04
12:13:54	306	390.9	1.30E-04	2.80E-04	2.80E-04	2.10E-04	-8.00E-05	-4.00E-05	-1.30E-04	-2.20E-04
12:13:59	300.5	383.2	1.50E-04	2.60E-04	4.40E-04	1.50E-04	-5.00E-05	-8.00E-05	-1.10E-04	-2.50E-04
12:14:04	292.4	394.5	1.30E-04	2.70E-04	3.40E-04	1.50E-04	-9.00E-05	-1.10E-04	-1.70E-04	-2.60E-04
12:14:09	286.7	393.7	1.20E-04	2.50E-04	2.90E-04	1.80E-04	-4.00E-05	6.00E-05	-9.00E-05	-3.80E-04
12:14:14	287.9	390.3	1.20E-04	2.70E-04	3.90E-04	1.90E-04	-7.00E-05	3.00E-05	-9.00E-05	-2.60E-04
12:14:19	286	386.6	1.40E-04	2.60E-04	3.30E-04	2.00E-04	-6.00E-05	-9.00E-05	-1.30E-04	-3.10E-04
12:14:24	288.4	380.8	1.30E-04	2.50E-04	3.20E-04	1.80E-04	-1.10E-04	-3.00E-05	-6.00E-05	-1.90E-04
12:14:29	280.9	371.9	1.20E-04	2.60E-04	5.00E-04	1.20E-04	-7.00E-05	-9.00E-05	-1.10E-04	-1.20E-04
12:14:34	273.5	364.9	1.30E-04	2.30E-04	3.70E-04	1.60E-04	-1.10E-04	-1.00E-05	-5.00E-05	-2.90E-04
12:14:39	272.7	353.9	1.10E-04	2.40E-04	3.50E-04	1.90E-04	1.00E-05	-5.00E-05	-1.50E-04	-2.70E-04
12:14:44	269.8	347.7	1.60E-04	2.20E-04	2.80E-04	1.10E-04	-7.00E-05	-1.00E-04	-2.00E-05	-1.40E-04
12:14:49	268	341.1	1.20E-04	2.00E-04	2.50E-04	1.20E-04	-6.00E-05	6.00E-05	-1.80E-04	-1.10E-04
12:14:54	266.4	337.7	1.80E-04	2.40E-04	2.30E-04	1.30E-04	-5.00E-05	-2.00E-05	-7.00E-05	-2.30E-04
12:14:59	265.7	335.2	1.30E-04	2.10E-04	2.50E-04	1.00E-04	-5.00E-05	-2.00E-05	-1.30E-04	-1.00E-04
12:15:04	263.8	330.7	1.60E-	1.90E-	2.10E-	1.50E-	-1.70E-	-6.00E-	-7.00E-	-2.60E-

			04	04	04	04	04	05	05	04
12:15:09	261.8	327.6	1.70E-04	2.10E-04	2.80E-04	1.30E-04	-1.10E-04	-1.10E-04	-4.00E-05	-3.50E-04
12:15:14	261.8	326.7	1.80E-04	2.20E-04	1.90E-04	1.10E-04	-9.00E-05	-9.00E-05	-8.00E-05	-2.10E-04
12:15:19	261.4	324	1.20E-04	2.20E-04	2.90E-04	1.50E-04	-2.00E-04	-1.10E-04	-1.20E-04	-2.80E-04
12:15:24	260	321.2	1.10E-04	1.90E-04	2.80E-04	1.60E-04	-1.30E-04	-1.30E-04	-7.00E-05	-2.30E-04
12:15:29	258.7	320.1	1.00E-04	2.10E-04	2.90E-04	1.20E-04	-1.60E-04	-1.30E-04	-1.10E-04	-1.60E-04
12:15:34	258.3	316.8	1.30E-04	1.80E-04	1.60E-04	8.00E-05	-5.00E-05	-1.90E-04	-1.20E-04	-3.40E-04
12:15:39	256.1	314.2	1.40E-04	2.00E-04	2.30E-04	1.10E-04	-1.70E-04	-1.60E-04	-1.10E-04	-3.20E-04
12:15:44	253.9	310.1	1.10E-04	1.80E-04	2.20E-04	4.00E-05	-1.90E-04	-5.00E-05	-1.10E-04	-2.80E-04
12:15:49	252.2	307.4	1.30E-04	1.80E-04	2.50E-04	4.00E-05	-1.50E-04	-2.00E-05	-1.90E-04	-2.50E-04
12:15:54	251	305.2	1.60E-04	2.00E-04	1.90E-04	2.00E-05	-2.10E-04	-1.50E-04	-1.10E-04	-3.30E-04
12:15:59	249.9	302.3	1.50E-04	1.80E-04	1.90E-04	-6.00E-05	-4.00E-05	-6.00E-05	-1.00E-04	-4.60E-04
12:16:04	248	299.9	1.50E-04	1.70E-04	9.00E-05	5.00E-05	-7.00E-05	-1.10E-04	-1.30E-04	-2.60E-04
12:16:09	247.1	296.9	1.10E-04	1.80E-04	2.70E-04	6.00E-05	-5.00E-05	-1.20E-04	-1.00E-04	-3.70E-04
12:16:14	246	295.5	1.30E-04	2.00E-04	1.90E-04	8.00E-05	-1.00E-05	-2.00E-05	-2.20E-04	-3.20E-04
12:16:19	244.6	293.7	1.10E-04	1.90E-04	1.80E-04	8.00E-05	0	-1.00E-04	-9.00E-05	-3.50E-04
12:16:24	243.9	289.1	7.00E-05	2.00E-04	1.50E-04	4.00E-05	-2.00E-05	-4.00E-05	-1.50E-04	-2.80E-04
12:16:29	242.5	287.5	1.10E-04	1.80E-04	2.50E-04	9.00E-05	-9.00E-05	-4.00E-05	-9.00E-05	-3.80E-04
12:16:34	240.9	285.9	1.20E-04	1.70E-04	1.40E-04	1.00E-04	-4.00E-05	-8.00E-05	-1.50E-04	-2.60E-04
12:16:39	239.6	282.4	1.00E-04	1.90E-04	1.70E-04	8.00E-05	-7.00E-05	-6.00E-05	-1.00E-05	-2.40E-04
12:16:44	238.3	280.1	1.10E-04	1.70E-04	1.40E-04	1.00E-04	-1.80E-04	-4.00E-05	-8.00E-05	-2.20E-04
12:16:49	236.9	276.8	1.00E-04	1.80E-04	2.00E-04	-3.00E-05	-1.60E-04	0	0	-3.30E-04
12:16:54	236.1	275.5	1.00E-04	1.70E-04	2.20E-04	-9.00E-05	-1.70E-04	-9.00E-05	-1.00E-05	-2.50E-04
12:16:59	234	273	1.20E-04	1.70E-04	1.40E-04	-1.00E-05	-1.40E-04	-1.10E-04	-1.20E-04	-2.10E-04
12:17:04	231.4	269.3	1.20E-	1.50E-	2.10E-	-2.00E-	-1.50E-	1.00E-	-1.00E-	-2.80E-

			04	04	04	05	04	05	04	04
12:17:09	230.7	266.8	9.00E-05	1.50E-04	2.00E-04	-9.00E-05	-1.10E-04	-1.00E-04	-3.00E-05	-2.60E-04
12:17:14	229.6	264.6	1.00E-04	1.70E-04	1.60E-04	1.00E-05	-1.00E-04	-1.30E-04	1.00E-05	-3.70E-04
12:17:19	228.5	262.5	9.00E-05	1.60E-04	2.00E-04	-2.00E-05	-1.10E-04	-1.30E-04	-3.00E-05	-2.80E-04
12:17:24	227.7	260.8	8.00E-05	1.30E-04	1.10E-04	-3.00E-05	-1.20E-04	-1.40E-04	-1.30E-04	-2.20E-04
12:17:29	226.9	258.7	9.00E-05	1.30E-04	1.50E-04	-1.00E-05	-1.30E-04	-4.00E-05	-7.00E-05	-1.80E-04
12:17:34	226.1	257.5	5.00E-05	1.70E-04	2.10E-04	-1.00E-05	-2.00E-05	-9.00E-05	-1.00E-04	-2.20E-04
12:17:39	225.3	254	7.00E-05	1.50E-04	2.00E-04	1.00E-05	-1.30E-04	-1.00E-04	-1.20E-04	-1.80E-04
12:17:44	224.2	248.5	9.00E-05	1.50E-04	1.50E-04	3.00E-05	-8.00E-05	0	-4.00E-05	-3.00E-04
12:17:49	222.9	245.4	9.00E-05	1.60E-04	1.30E-04	3.00E-05	-1.00E-04	-3.00E-05	-8.00E-05	-2.10E-04
12:17:54	222.4	243.7	1.10E-04	1.40E-04	1.70E-04	-3.00E-05	-1.50E-04	-1.00E-04	-1.30E-04	-2.90E-04
12:17:59	221.6	243.1	9.00E-05	1.40E-04	1.80E-04	-9.00E-05	-1.60E-04	-4.00E-05	-1.30E-04	-2.50E-04
12:18:04	219.8	241.1	7.00E-05	1.40E-04	1.90E-04	-7.00E-05	-9.00E-05	-1.20E-04	-1.30E-04	-2.30E-04
12:18:09	219	239.8	9.00E-05	1.40E-04	1.80E-04	-1.00E-04	-5.00E-05	-1.10E-04	-9.00E-05	-2.60E-04
12:18:14	217.7	238.2	6.00E-05	1.40E-04	1.60E-04	-7.00E-05	-1.20E-04	-1.10E-04	-1.40E-04	-2.60E-04
12:18:19	216.9	235.9	7.00E-05	1.30E-04	1.40E-04	-4.00E-05	-1.90E-04	-1.20E-04	-6.00E-05	-2.40E-04
12:18:24	216.1	233.7	7.00E-05	1.40E-04	1.60E-04	-5.00E-05	-8.00E-05	-1.10E-04	-5.00E-05	-2.20E-04
12:18:29	215.3	230.4	1.00E-04	1.00E-04	8.00E-05	-4.00E-05	-5.00E-05	0	-1.20E-04	-1.30E-04
12:18:34	214.2	229.1	6.00E-05	1.50E-04	1.60E-04	-7.00E-05	-1.00E-04	-1.00E-04	-1.00E-04	-1.90E-04
12:18:39	213	227.4	8.00E-05	1.30E-04	1.40E-04	-4.00E-05	-1.30E-04	-3.00E-05	-8.00E-05	-2.80E-04
12:18:44	212	225.7	7.00E-05	1.30E-04	1.80E-04	-6.00E-05	-1.50E-04	-5.00E-05	-6.00E-05	-2.10E-04
12:18:49	210.8	224.2	1.00E-04	1.40E-04	2.10E-04	-1.10E-04	-2.00E-04	-8.00E-05	-8.00E-05	-3.20E-04
12:18:54	209.8	222.9	7.00E-05	1.60E-04	1.70E-04	0	-1.20E-04	-8.00E-05	-8.00E-05	-2.50E-04
12:18:59	209.7	221.6	5.00E-05	1.20E-04	1.60E-04	-9.00E-05	-1.40E-04	-7.00E-05	-6.00E-05	-2.00E-04
12:19:04	209.2	220.7	6.00E-	1.20E-	1.60E-	-1.40E-	-1.10E-	4.00E-	-1.00E-	-1.90E-

			05	04	04	04	04	05	04	04
12:19:09	208.1	219	9.00E-05	1.40E-04	1.80E-04	-9.00E-05	-7.00E-05	-8.00E-05	-1.20E-04	-2.10E-04
12:19:14	207.4	217.6	6.00E-05	1.10E-04	1.30E-04	-9.00E-05	-8.00E-05	-9.00E-05	-1.00E-05	-2.50E-04
12:19:19	206.7	215.6	7.00E-05	1.30E-04	1.10E-04	-8.00E-05	-1.40E-04	-3.00E-05	-7.00E-05	-2.70E-04
12:19:24	205.7	215	4.00E-05	1.30E-04	1.20E-04	-2.00E-05	-1.40E-04	-4.00E-05	-1.10E-04	-2.10E-04
12:19:29	204.4	213.6	7.00E-05	1.30E-04	1.10E-04	-4.00E-05	-1.20E-04	-9.00E-05	-6.00E-05	-2.60E-04
12:19:34	204	212.4	8.00E-05	1.00E-04	1.10E-04	1.00E-05	-1.10E-04	-2.00E-05	-1.00E-04	-1.30E-04
12:19:39	200.6	211.6	-6.00E-05	6.00E-05	-7.00E-05	-2.40E-04	-1.90E-04	-2.20E-04	-8.00E-05	-3.20E-04
12:19:44	187.4	187.8	-7.00E-05	4.00E-05	-3.00E-05	-1.00E-04	-2.50E-04	-3.40E-04	-2.00E-04	-3.30E-04
12:19:49	184.1	94.7	-1.20E-04	1.00E-05	-9.00E-05	-2.80E-04	-1.80E-04	-3.00E-04	-2.30E-04	-2.50E-04
12:19:54	183.8	86	-4.00E-05	2.00E-05	-5.00E-05	-1.20E-04	-1.30E-04	-2.00E-04	-1.30E-04	-1.90E-04
12:19:59	183.9	82.5	0	3.00E-05	-6.00E-05	-1.20E-04	-2.10E-04	-2.70E-04	-2.10E-04	-3.10E-04
12:20:04	183.1	80.3	-4.00E-05	4.00E-05	-2.50E-04	-1.10E-04	-2.50E-04	-3.20E-04	-2.30E-04	-3.40E-04
12:20:09	182.6	82	-2.00E-05	3.00E-05	-4.00E-05	-2.20E-04	-2.40E-04	-5.00E-05	-8.00E-05	-1.50E-04
12:20:14	182.6	75.6	-3.00E-05	5.00E-05	-2.00E-05	-1.40E-04	-1.50E-04	-6.00E-05	-1.30E-04	-2.40E-04
12:20:19	182.3	70.9	2.00E-05	7.00E-05	-3.00E-05	-1.60E-04	-1.70E-04	-6.00E-05	-9.00E-05	-2.20E-04
12:20:24	181.8	68.5	0	5.00E-05	-4.00E-05	-8.00E-05	-1.40E-04	-1.30E-04	-9.00E-05	-2.70E-04
12:20:29	181.3	63.5	0	6.00E-05	-5.00E-05	-1.10E-04	-1.70E-04	-2.20E-04	-1.60E-04	-2.10E-04
12:20:34	180.9	62.8	0	8.00E-05	-3.00E-05	-2.60E-04	-2.00E-04	-2.10E-04	-8.00E-05	-2.00E-04
12:20:39	180.3	62.8	-1.00E-05	7.00E-05	-4.00E-05	-1.10E-04	-2.10E-04	-1.90E-04	-1.40E-04	-2.30E-04
12:20:44	179.8	62.4	1.00E-05	9.00E-05	-1.00E-05	-1.10E-04	-1.70E-04	-1.50E-04	-1.30E-04	-2.70E-04
12:20:49	179.4	62.2	3.00E-05	9.00E-05	-3.00E-05	-1.20E-04	-2.10E-04	-1.40E-04	-7.00E-05	-2.20E-04
12:20:54	178.9	61.2	4.00E-05	1.00E-04	-5.00E-05	-1.80E-04	-1.50E-04	-1.40E-04	-8.00E-05	-1.70E-04
12:20:59	178.2	60.1	0	1.10E-04	-5.00E-05	-1.90E-04	-1.40E-04	-1.60E-04	-6.00E-05	-1.60E-04
12:21:04	177.8	59.2	1.00E-	1.20E-	-5.00E-	-2.00E-	-1.30E-	-1.20E-	-6.00E-	-1.30E-

			05	04	05	04	04	04	05	04
12:21:09	177.2	58.5	3.00E-05	1.00E-04	-4.00E-05	-1.80E-04	-2.10E-04	-1.40E-04	-7.00E-05	-1.40E-04
12:21:14	176.7	57.6	2.00E-05	1.10E-04	2.00E-05	-1.60E-04	-2.00E-04	-1.30E-04	-8.00E-05	-2.10E-04
12:21:19	176.1	56.7	1.00E-05	1.10E-04	2.00E-05	-2.30E-04	-1.30E-04	-9.00E-05	-8.00E-05	-1.70E-04
12:21:24	175.9	56.1	3.00E-05	1.00E-04	3.00E-05	-1.40E-04	-1.60E-04	-9.00E-05	-8.00E-05	-2.10E-04
12:21:29	176.7	55.5	3.00E-05	1.10E-04	8.00E-05	-1.40E-04	-1.90E-04	-5.00E-05	-8.00E-05	-1.60E-04
12:21:34	178.4	55.4	2.00E-05	1.10E-04	6.00E-05	-1.10E-04	-1.00E-04	-8.00E-05	-7.00E-05	-1.90E-04
12:21:39	179	54.1	3.00E-05	7.00E-05	3.00E-05	-9.00E-05	-1.30E-04	-1.60E-04	-3.50E-04	-4.00E-04
12:21:44	179.3	51.1	3.00E-05	5.00E-05	1.00E-05	-1.20E-04	-2.60E-04	-2.10E-04	-1.10E-04	-4.80E-04
12:21:49	179.1	50.2	2.00E-05	5.00E-05	2.00E-05	-4.00E-04	-3.10E-04	-3.20E-04	-2.30E-04	-3.30E-04

TIME	Slot 21	Slot 22	Slot 23	Slot 24	Slot 25	Slot 26	Slot 27	Slot 28	Slot 29	Slot 30
of										
current										
DATA	deg C	deg C	deg C	deg C	deg C	deg C	deg C	deg C	deg C	deg C
11:47:04	10.7	12.9	26.1	9.7	11.7	19.9	10.2	11.3	16.6	9.7
11:47:09	10.8	13.1	26.3	9.7	11.7	23.5	10.2	11.3	19.2	9.7
11:47:14	10.9	13.2	43.9	9.7	11.8	36.7	10.3	11.3	31.8	9.8
11:47:19	10.8	13.2	68.5	9.7	11.9	70	10.3	11.4	52.4	9.7
11:47:24	10.9	13.5	79.3	9.8	12.1	64.6	10.4	11.5	51.8	9.8
11:47:29	11	13.9	80.4	9.8	12.6	73.2	10.3	11.8	64.8	9.8
11:47:34	11.1	14.5	98	9.8	13.1	95	10.3	12.1	74.4	9.8
11:47:39	11.2	15.2	112.1	9.9	13.8	103.2	10.4	12.7	74.9	9.9
11:47:44	11.4	15.9	103.6	9.9	14.6	92.6	10.4	13.2	71.7	9.9
11:47:49	11.6	16.8	89.9	10	15.5	91.4	10.4	14	74.6	9.9
11:47:54	11.8	17.7	73.5	10.1	16.4	74.3	10.5	14.7	59.3	10
11:47:59	12	18.6	97	10.3	17.4	100.9	10.6	15.5	83.5	10.2
11:48:04	12.3	19.4	85.7	10.3	18.3	92.2	10.6	16.2	79.8	10.3
11:48:09	12.4	20.1	83.7	10.4	19.1	92.2	10.7	17	81.6	10.3
11:48:14	12.7	20.9	79.8	10.4	20	86.1	10.8	17.7	75.3	10.5
11:48:19	12.8	21.7	76.7	10.6	20.9	97.4	10.9	18.5	85.5	10.6
11:48:24	13	22.4	94	10.7	21.8	106	10.9	19.3	81.3	10.6
11:48:29	13.2	23.1	127.4	10.8	22.7	114.9	11.1	20	90	10.7
11:48:34	13.5	24	135.8	11	23.6	110.8	11.1	20.8	87.4	10.9
11:48:39	13.8	25	123.8	11.1	24.6	108.7	11.2	21.6	85.3	11
11:48:44	14.2	26.3	123.3	11.3	25.6	105.2	11.3	22.5	78.8	11.2
11:48:49	14.6	27.6	88.4	11.5	26.8	84.4	11.5	23.3	83.7	11.4

11:48:54	15.1	28.6	70.1	11.7	27.8	72.2	11.6	24.2	79.4	11.7
11:48:59	15.4	29.5	73.5	11.9	28.7	91.7	11.8	25	91.7	11.9
11:49:04	15.7	30.2	126.6	12	29.4	137	11.9	25.7	109.9	11.9
11:49:09	16	31.1	112.9	12.1	30.3	123.6	12.1	26.4	101.3	12.1
11:49:14	16.5	32	123.7	12.4	31.4	129.8	12.2	27.3	108	12.4
11:49:19	16.9	33	168.3	12.6	32.5	147.9	12.4	28.2	112.6	12.5
11:49:24	17.3	34.2	149	12.7	33.7	126.8	12.5	29.2	98.7	12.8
11:49:29	17.8	35.5	139.7	13	34.9	126.1	12.6	30.3	110.1	12.9
11:49:34	18.2	36.8	127.5	13.3	36.1	114.5	12.8	31.3	107.6	13
11:49:39	19.1	38.1	134.2	13.5	37.4	114.3	13	32.4	100.9	13.2
11:49:44	19.4	39.2	158	13.7	38.5	154.3	13.2	33.3	123.2	13.6
11:49:49	20	40.4	165.3	13.9	39.5	153.9	13.6	34.1	127.7	13.5
11:49:54	20.7	41.7	224.2	14.2	40.7	176	13.7	35	138.5	13.8
11:49:59	21.3	43.2	203.7	14.5	42.1	176.1	13.8	36.1	132.9	14.2
11:50:04	22	44.9	194	14.8	43.6	162.2	14.1	37.4	121.5	14.4
11:50:09	22.9	46.6	193.2	15.2	45.1	167.9	14.4	38.5	123.6	14.7
11:50:14	23.5	48.2	213.9	15.5	46.6	185.2	14.6	39.7	140.4	15.2
11:50:19	24.2	49.8	242.1	15.9	48.2	196.9	14.8	40.7	140.5	15.6
11:50:24	24.9	51.4	240.1	16.3	49.8	177.4	15.1	41.9	141.1	15.9
11:50:29	25.9	53.3	201.4	16.8	51.6	162.8	15.5	43.3	126.1	16.2
11:50:34	26.9	54.9	191.7	17.3	53.4	154.8	15.9	44.4	122.4	16.4
11:50:39	27.8	56.6	187.8	17.7	54.9	160.1	16.1	45.6	123.5	16.6
11:50:44	28.7	58.1	187.5	18.1	56.4	170.5	16.4	46.6	138	16.6
11:50:49	29.4	59.7	215.8	18.5	57.7	168.2	16.5	47.6	133.9	17.2
11:50:54	30.1	61.3	208.9	19	59	167	16.7	48.5	129.7	17.7
11:50:59	31	62.9	195.1	19.5	60.4	156	17	49.6	123.8	18.1
11:51:04	31.8	64.5	192.1	19.9	61.8	163.4	17.4	50.6	129.8	18.5
11:51:09	32.6	66.1	161.4	20.3	63.1	141.6	17.5	51.6	109.2	18.9
11:51:14	33.6	67.7	200.1	20.9	64.5	181.3	18.1	52.5	132.8	19.2
11:51:19	34.5	69.2	193.4	21.4	65.7	157.1	18.6	53.4	117.9	19.5
11:51:24	35.2	70.5	235.5	21.8	67	189.4	18.6	54.2	145.1	19.9
11:51:29	36	71.8	206.7	22.3	68.3	179.5	19	55	140.1	20.2
11:51:34	37	73.2	238.9	22.8	69.5	190.6	19.4	55.7	146.3	20.7
11:51:39	37.7	74.7	235.9	23.2	71	197.6	19.6	56.7	159.2	21
11:51:44	38.7	76.3	269.8	23.9	72.6	216.5	20.1	57.8	174.8	21.5
11:51:49	39.8	77.9	335.3	24.4	74.2	250.5	20.4	58.8	175.2	22
11:51:54	40.8	79.7	350.2	24.8	76	269.6	20.8	60.1	189	22.2
11:51:59	42.2	81.6	278.2	25.6	77.9	221	20.9	61.2	173.9	22.6
11:52:04	44.4	84.1	306.8	26.5	80.3	237.8	21.2	62.6	180.4	23.2
11:52:09	46.2	86.7	261.7	26.9	82.3	200.9	21.6	64.4	166.3	23.6
11:52:14	47.6	89.5	270.3	27.9	84.5	234.4	22.1	66	186.5	24.1
11:52:19	49.7	92.6	257.9	28.5	86.6	226.8	22.5	67.5	173.7	24.5
11:52:24	51.5	95.6	268.6	29.3	88.6	247	23.1	68.8	184	25.2
11:52:29	53.5	98.6	273.1	30.2	90.5	238.6	23.5	70.3	178.4	25.4
11:52:34	54.6	101.7	349.5	30.8	92.5	265.2	24.1	71.7	204.8	26.2
11:52:39	57.1	105.1	348.8	31.7	94.8	242.7	24.5	73.2	179.5	26.4
11:52:44	59.2	108.6	306.5	33.2	97.4	223.1	24.9	74.6	179.4	27.1
11:52:49	63.4	112.7	306.3	34.1	100.5	226	25.5	76.1	186.6	27.6

11:52:54	78.1	117.2	310	35.1	104.1	238.9	26.1	77.7	179.7	28.5
11:52:59	94.5	120.8	343.1	36.1	107.3	265	26.5	78.9	195	29
11:53:04	99.6	124.1	375.9	37	110.3	289.2	27	80	207.5	29.7
11:53:09	95.6	127	405.4	38.4	113.1	311	27.6	81.1	215.1	30
11:53:14	93.9	129.4	378.9	39.4	116.1	256	28.1	82.2	187.1	30.7
11:53:19	111.3	131.6	397.7	40.8	119.7	282.7	29	83.5	195	31.8
11:53:24	119.8	133.7	354.8	42	123.7	257.2	29.7	84.9	182	32.4
11:53:29	109.8	135.7	365.3	43.1	127.5	278.2	30	86.1	199.3	33
11:53:34	99.5	137.5	412.6	44.4	131.2	325.3	30.6	87.2	220.8	33.6
11:53:39	94.5	139.5	397.5	45.5	135.3	302.8	31.4	88.2	207	34.6
11:53:44	92	141.2	428.4	46.6	138.2	319.3	32.1	89.2	205.4	34.8
11:53:49	90.8	142.9	427.4	47.1	140.2	329.4	32.7	90.2	215.6	35.7
11:53:54	90.3	144.4	447.2	48	142.7	312	33	91.3	213.8	36.3
11:53:59	90	145.9	471.9	49.6	145	363.1	33.6	92.8	241.2	36.8
11:54:04	90.1	147.4	473.4	50.8	147.2	365.9	34.6	93.7	228.7	37.3
11:54:09	90.3	148.6	475.4	51.9	149.4	376	34.8	95	233.2	37.8
11:54:14	91	149.7	503.3	53	151.4	409.8	36.4	96.3	248.7	38.9
11:54:19	91.7	151	462.6	53.7	153.8	360.6	37.2	97.9	230.4	39.5
11:54:24	92.8	152.2	453.5	54.7	155.8	312.4	37.5	99.1	207.7	40.4
11:54:29	96.6	153.1	430.7	55.6	156.8	293.9	38.3	101.1	195.5	41.4
11:54:34	99.4	153.9	488	56.4	158.5	391.6	39.6	102.9	249.9	42.2
11:54:39	104.4	154.8	504	56.7	159.8	370.8	40.8	104.8	240.7	43.2
11:54:44	107.9	156.1	555.7	57.1	160.7	376.8	41.1	106.4	240.4	43.7
11:54:49	109	157.4	601.2	58.3	160.8	441.6	41.9	108.7	261.7	44.2
11:54:54	116.8	158.9	585.3	59.1	159.8	432	43.1	111.1	263.9	45.5
11:54:59	124	161.3	645.6	61.6	159.4	458.8	43.5	112.9	258.5	45.8
11:55:04	133.3	165.6	612.2	63.5	159.2	405.5	44.7	115.2	254.2	46.5
11:55:09	145.9	173.7	692	65.5	158.1	464.6	45.8	117.7	274.1	47.8
11:55:14	159.1	184	705.6	67.9	157.6	466.6	46.9	119.4	281	48.3
11:55:19	164.2	192.6	694.7	69.5	157.5	513.6	48.5	121.7	285.4	50.1
11:55:24	180.4	204	693.9	71.9	157.9	512.5	49.9	123.7	276.8	51
11:55:29	188.9	216.2	677.4	72.4	157.8	532.2	51.9	126.2	302.7	52.5
11:55:34	214.2	270.4	671.3	74.5	158.4	504.5	52.3	127.2	294.2	53.6
11:55:39	238	341	675.5	76.7	159.7	588.1	53.8	129.1	343.8	54.5
11:55:44	260.8	391.2	673.2	78.9	161	547	55	130.2	313.3	55
11:55:49	284.3	433.9	659.6	81	161.9	474.7	56	131.5	288.2	55.9
11:55:54	297.3	458.5	659.2	82.9	162.1	504.5	57.1	133.5	304.2	57.8
11:55:59	318.5	494.3	654	84.3	162.3	498.6	57.8	135.3	319.2	58.6
11:56:04	336.3	525.7	662.6	86.4	162.5	516.3	58.6	137.1	331.9	60.3
11:56:09	350.2	539.3	646.6	88.9	163.3	484	58.7	138.1	319.2	61
11:56:14	369.2	555.9	652.8	89.7	163.4	523.7	60.6	139	335.3	62.8
11:56:19	403.5	577.9	653.1	91.7	163.8	498.9	61.4	139.3	329	64
11:56:24	441.6	600.6	660.1	94.6	164.5	511.9	61.9	138.9	344.8	65.2
11:56:29	462.5	610	662.6	98.1	165.4	513.9	62.8	139.3	346.5	66.7
11:56:34	537.1	630.8	668.5	99.3	166.2	530.8	64.3	140.3	354.6	67.7
11:56:39	578	657.3	713.1	101.9	167.1	553.5	64.5	140.4	364	68.6
11:56:44	585.5	707.6	680.3	106.2	168.9	549.4	65.2	140.5	363.6	68.9
11:56:49	569.6	692.9	655	107.7	170.6	507.8	66.6	140.7	350.9	69.3

11:56:54	546.2	686.4	644.4	108.7	172.7	504.2	67.8	141	354.7	71.2
11:56:59	519	646.3	636	109.9	175.3	474.9	67.9	141.2	352.5	70.9
11:57:04	579.4	714.1	720.2	111.4	178	536	67.9	141.1	372.4	72.2
11:57:09	583.5	674.2	691	116.3	182.3	524.5	68.3	141.5	373	73.5
11:57:14	577.6	633.3	652.8	119.2	186.5	496.9	69.3	141.5	363.5	74
11:57:19	581.7	641.1	663	120.3	189.9	469.5	70.4	141.6	356.7	74.5
11:57:24	586.9	641.2	659.8	120.5	193	485.5	71.4	142.4	355.7	75.8
11:57:29	587.7	677.9	681.2	122.7	196.4	499.1	72.1	143.6	350.6	77.1
11:57:34	599.9	684.1	688.3	125.2	199.7	506.7	72.4	144.7	365.3	77.6
11:57:39	581.2	590.5	614.6	129.7	204.1	463.7	73.7	145.4	344.6	78
11:57:44	583.2	650.5	669.6	133.7	208.4	483.3	75.2	145.8	341.8	79.1
11:57:49	599.4	690.2	695.4	135.5	211.9	510.1	75.7	146.8	363	80.8
11:57:54	601.3	706.2	713.7	142.1	216.1	513.2	76.3	147.5	360.9	81.8
11:57:59	562	605.9	626.3	144.3	220.2	459.9	76.1	147.9	340.6	82.6
11:58:04	579.5	677.1	667.8	150.8	224.9	506.1	77	148.5	353.2	83.2
11:58:09	580	658.5	691.2	149.9	228	506.7	78.3	149.2	359.8	83.5
11:58:14	568.4	635.2	657.1	154	232.1	500.6	79.3	149.2	350.5	83.2
11:58:19	560.9	641.6	643.9	156.8	235.3	501.6	80	149.3	360	84.4
11:58:24	524.1	593.9	610.1	160	238.9	469.6	80.7	150.2	345.4	84.4
11:58:29	548.1	645	642.6	163.1	242.5	502.9	81.2	151.1	366.8	86.7
11:58:34	543.4	597	609.5	165.9	246	481.6	81.6	152.1	357.2	88.2
11:58:39	566	664.4	658.4	173.5	251.4	507.1	82.5	152.7	359.6	88.1
11:58:44	562.3	647.2	643.5	179.1	256.7	494.5	83.1	153.3	356.5	88.3
11:58:49	584.7	713.8	698.7	180.5	257.4	529.1	83.9	153.9	373.1	87.5
11:58:54	582.7	677.1	667.3	183.2	261.7	538.3	84.6	154.1	389.2	88.1
11:58:59	567.4	668.2	646.7	189	266.1	541.6	84.1	153.2	383.8	86.2
11:59:04	556.8	647.2	628.6	195.9	270.6	514.4	85.6	154.9	366.2	87.1
11:59:09	540.2	600.3	595.2	202.8	276.4	479.7	87.5	156.3	348	88.6
11:59:14	536.1	608.2	594.3	204.5	279.8	487.6	87.7	157.7	350.9	90.5
11:59:19	538.5	635.2	609.2	203.4	283.2	497.2	88.8	159.2	354.8	91.9
11:59:24	560.7	667.9	642.7	200.5	285	531.7	89.3	160.1	377.5	92.1
11:59:29	540.2	605.9	589.2	206	289.9	493.4	90.2	160.8	346.7	93.8
11:59:34	577.8	692.2	661.3	202.4	291.2	532.1	91.2	160.7	371.9	93.5
11:59:39	548.6	636.1	611.9	209.4	295.2	490.8	92.2	161.4	350	95
11:59:44	545.4	634.3	613.4	211.6	297.1	502.5	93.4	163	362.9	96.3
11:59:49	572.2	689.4	656.7	212.7	299	525	93.8	163.4	366.1	99
11:59:54	572.6	687	660.8	219.7	302.2	499.7	93.8	164.5	358	98.3
11:59:59	594.9	711.1	683.4	219.9	304.4	516.4	95.7	165.6	363.5	99.6
12:00:04	597.1	701.1	675.3	224.9	310.2	540.7	97.3	166	385.5	98.8
12:00:09	588.8	665	646.4	234.5	315.8	535.7	97.7	166.8	386.8	100.4
12:00:14	591.1	682.8	659.9	237.9	319.9	552.3	99.4	168.5	394.2	99.7
12:00:19	607.8	699.2	678.6	236.7	323.2	565.2	99.6	168.8	411.7	100.1
12:00:24	605.5	699.2	676.7	245.5	327.2	555.5	101.5	170	394	99.6
12:00:29	616.6	742.1	707.2	248.4	330.9	565.7	102.4	170.8	396.1	101.2
12:00:34	618.5	725.6	696.4	252.4	334.8	564.8	102.9	171.7	400.4	102.3
12:00:39	625.1	733.3	704.5	258.8	339.4	560.3	104.1	172.6	397.4	101.1
12:00:44	613.9	709.1	681.4	258.6	343.1	566.7	104.2	172.6	400.8	102.5
12:00:49	611.6	705.4	679.6	262.6	346.2	553.7	104.6	173.2	395.8	102.6

12:00:54	643.2	744.1	719.5	271	349	589.8	105.9	174.3	425.4	105.2
12:00:59	644.1	741.2	718.6	304.1	359.7	623.6	109.1	176.7	423.4	106.8
12:01:04	631.7	728.1	697	352.7	383.8	722	110.3	177.4	476.5	107.4
12:01:09	618.5	707.3	683.8	389.8	413.3	715.3	109.6	176.8	458.2	106.5
12:01:14	625.1	717.2	693.7	425.1	448.8	712.5	108.7	175.4	450.1	106.6
12:01:19	640.4	736.1	712	474.9	491.2	724.2	109.9	174.2	473.8	107.8
12:01:24	646.1	724.8	710.2	496	526.4	691	110.8	174.4	470.2	107.3
12:01:29	625.7	696.6	681.6	505.2	565.4	679.7	112.1	177.5	473.5	109.4
12:01:34	640	748.9	723.8	509.4	591.2	671.7	113.7	179.7	485.9	111.3
12:01:39	647	751.3	732.8	492.8	601.9	684.8	117.1	183.8	480.3	113.7
12:01:44	683.9	794.2	766.5	487.1	595.4	746	123.2	192.4	492.4	119.7
12:01:49	687.1	795.6	767.4	521.1	615.4	752.7	125.8	195.5	523.3	120.8
12:01:54	670.3	767.9	755.1	585.7	668	718.6	122.6	190.1	512.7	117.6
12:01:59	668	750.8	732.3	622.8	705	684.8	120.9	185.9	502.7	115.8
12:02:04	698.4	813.9	794.7	647.9	731.4	675.9	118.9	182.8	537.6	115.6
12:02:09	687.8	770.9	768.5	643.4	726.3	737.2	118.8	179.7	539.6	115
12:02:14	684.4	774.2	758	643.8	712.1	736.1	120.5	177.7	533.1	115
12:02:19	695.6	808.2	781.8	659.1	738.1	758.9	121.1	175.6	536.3	114.6
12:02:24	684.4	774.2	750.9	649.8	723.4	749.4	126.7	186.2	534.5	114.2
12:02:29	682.6	772.9	751.5	646.7	741.5	749.6	135.6	206.7	538.3	116
12:02:34	681.6	796.7	768.5	639.1	731.9	760.8	144.6	220.7	534.5	118.8
12:02:39	690.5	806.8	779.9	636.8	710.2	767.5	148.6	228.3	529	118.8
12:02:44	690.6	805.4	778.6	646.2	745.3	795.8	148.1	232.2	541.1	118.7
12:02:49	687.7	775.6	754.7	633.1	723	738.1	149.9	232.8	536.8	120.4
12:02:54	688.2	803.9	773.7	629.9	708.9	729.1	151.5	235.8	532.2	119.7
12:02:59	720.8	852.9	826.7	655.6	734.5	749.6	154.1	236.8	544.3	120.9
12:03:04	709.8	832.4	797.2	633.1	686.3	688.2	157.6	238.9	536.8	123.4
12:03:09	697.2	793.5	767.7	617.5	648.6	680.8	158.5	240.1	545.3	126.1
12:03:14	705.1	819.3	794.3	624.3	669.5	674.2	160.9	244.5	536.9	130.1
12:03:19	691	809.7	772.4	627.1	675.1	692.9	162.6	250.4	548	133.3
12:03:24	700.4	845.5	788.6	639.7	692.9	702.3	164.9	258.2	560.4	135
12:03:29	705.6	822.3	794.4	624.8	661.6	663	165	261.6	535	137.7
12:03:34	716	833.4	814.6	619.7	663.5	662.5	165.3	259.8	522.1	138.7
12:03:39	739.6	841.2	826.1	630.4	675.6	680.8	166.4	261.8	523.1	139.9
12:03:44	739.6	832.9	814.1	625.3	672.4	672.8	166.6	261.5	521.7	141.6
12:03:49	737.9	852.5	814.7	605	647.3	653.3	167.6	255.9	512.1	141.8
12:03:54	772.4	880.2	862.1	630.9	689.2	689.7	169.3	252.4	529.1	143
12:03:59	732.6	793	773.9	605.4	643.5	648.1	167.6	248.1	500	140.5
12:04:04	768.2	876.8	853.3	626.3	689.3	695.4	168.3	251	509.7	137.7
12:04:09	745.4	842.2	828.1	615.1	673.8	673.8	168.4	252.3	502.3	138.2
12:04:14	732.5	826.6	794.3	590.9	631.3	644.3	168.5	252.6	485.6	138.6
12:04:19	759.3	857.9	852.5	618.1	681	676.3	170	251.2	508.2	139.3
12:04:24	736.9	824.3	822.4	605.9	657.5	654.7	169.8	249.9	500.4	140.4
12:04:29	721.3	847.6	831.1	612.9	677.6	676.7	169.3	250	505.9	140.4
12:04:34	718.9	881.2	855.4	614.3	667.8	674.3	168.6	248.4	504.6	141
12:04:39	727	874.9	852.9	629.1	698.7	705.8	171	252.1	509.5	141.2
12:04:44	706.2	851.5	805.1	614.7	662.2	668.7	169.4	252.3	504	141.5
12:04:49	726.5	767.3	785.9	596.2	645	655.7	166.1	245.5	492.4	141

12:04:54	794.5	882.3	868.1	621.3	687.9	704.8	164.1	247.6	498.4	141.3
12:04:59	806.1	884.2	874.4	632.4	703	711.9	163.6	249.8	503.9	145.5
12:05:04	814.7	879.8	860.8	628.7	686.1	687	167.8	253.9	506.3	152.2
12:05:09	781.2	852.5	820.1	619.9	671.1	674.9	170.9	257.9	503.7	161
12:05:14	773.5	832.6	817.2	610.6	665.1	673.5	172	259.7	490.2	162.9
12:05:19	785.5	847.7	834.6	612.5	672.6	674.9	172.6	263.6	491.5	166.8
12:05:24	794.7	866.8	839.6	627.5	693.8	696.6	173.4	266.1	507	168.1
12:05:29	783.6	864.2	842.3	607.4	657.6	665.6	174.1	267.9	494.2	168.1
12:05:34	790.8	853	839.4	611.6	674.5	670.2	175.1	269.6	494.2	169.6
12:05:39	775	831.2	807.6	622.8	682.9	694.6	177.5	270.4	502.8	171
12:05:44	776.9	849.2	823	601.4	648.3	654.9	179	272	491.6	172.6
12:05:49	812.4	886.8	873.6	596.8	648.8	660.5	182	276.2	483.5	174.9
12:05:54	773.1	671.2	812	595	647.4	649.3	183.4	279.2	479.7	178
12:05:59	781.3	807.6	764.6	600.5	654.4	661.9	185.1	282	484	178.4
12:06:04	773.8	844	803.4	600.2	648.5	651.3	185.2	284	481.3	178.5
12:06:09	762.2	827.4	802.9	606.1	661.4	672.7	184.8	282.2	488.3	178.5
12:06:14	803.8	858.5	838.1	596.9	656.3	660.5	184.6	282.9	487.7	177
12:06:19	763.7	836.2	803.4	585.3	619.6	618.2	185.2	281.3	471.6	174.6
12:06:24	738.5	808.7	781.3	592.7	632.1	631.2	184.8	279.5	477	172.5
12:06:29	699.9	765.6	742.8	559	582.5	579.8	185.3	279.6	460.3	170.8
12:06:34	684.4	794.3	775.1	578.4	622.4	622.4	186.7	278.9	469.4	170.6
12:06:39	680.2	843	822.2	597.4	655.9	669.4	186.6	275.4	480.2	169.9
12:06:44	715	855.2	832.3	610.4	673.2	683.5	187.1	275.6	489.2	169.6
12:06:49	719.2	767.6	786.6	600.2	651.3	656.9	187.7	273.5	487.6	170.5
12:06:54	736.7	836.2	805.4	591.8	638.7	641	188	272	489.6	170.4
12:06:59	751.4	823.2	805.4	599.7	656	661.1	189.9	274.6	487.4	171.1
12:07:04	756.6	844	814.5	593.3	636.4	640.6	191.6	274.3	482.6	172.2
12:07:09	755.2	830	799.6	593.7	636.4	644.8	194.1	275.6	484.1	173
12:07:14	750.5	842.6	802	592.4	631.8	640.6	195.4	277.3	481.8	173.7
12:07:19	746.1	817.3	784.7	589.5	631.2	642.8	195.8	277.3	485.8	174.2
12:07:24	739.6	790.6	766.7	574.8	616.5	623.9	196.1	275.9	472.4	175.4
12:07:29	723.1	763.4	742	570.7	612.8	628.1	197.1	275.5	473	177.3
12:07:34	721.2	771.9	747.7	564.2	591.9	598	200.1	282.5	461.6	178.3
12:07:39	708	744.9	720.8	555	588.7	603.1	201.5	284	463.5	179.3
12:07:44	698.2	737.3	713.2	546.2	577.2	588.7	202.7	284.1	449.9	180.7
12:07:49	667.3	695.4	666.3	513	528.2	535.1	203.5	285	438.4	182.6
12:07:54	671	731.6	697.7	510.7	542.5	557.3	204.6	287.6	435.8	183.3
12:07:59	659.4	705.3	680.4	499.2	525.9	541.2	205.2	289.1	421.8	184.1
12:08:04	654.2	712.3	686	493.7	520.4	531	206	289.2	415.7	185.1
12:08:09	646.3	706.7	676.2	500.7	531.5	546.3	207.4	290.5	421.5	185.8
12:08:14	651.9	720.4	690.7	492.3	524.1	532.9	210.1	294.2	405.5	186.5
12:08:19	644	677.6	657.1	491.1	521.8	540.3	212.8	297.2	408.9	188.3
12:08:24	647.3	681.4	655.2	492.8	531.1	553.2	215.5	299.3	409.3	190.8
12:08:29	643.1	650.6	642.7	480.7	518.1	536.2	216.7	300.5	404.3	190.5
12:08:34	640.8	646.4	636.6	478.2	517.8	532.5	215.6	300.5	392.5	191.4
12:08:39	639.4	641.3	632.4	446.3	478	489.8	216.5	300.9	384.2	191.3
12:08:44	639	636.2	630.6	441.1	471	494.7	218.5	302	375.5	191.1
12:08:49	638.5	631.1	628.3	451.8	489.6	519.1	218.7	301	378.6	191.7

12:08:54	634.3	613.4	610.2	439.4	471.9	488.9	219	300	373.4	192.3
12:08:59	626.9	596.3	588.4	440.2	472.3	496.1	220.3	300	371.9	193.8
12:09:04	623.7	594.5	585.7	426	459.1	478.1	221.3	300.6	363	193.6
12:09:09	597.1	573.5	551.4	415	439.6	456.6	221.1	300.2	354.2	192.7
12:09:14	582	568.6	546	407.9	439.3	459.2	221.3	299.9	344.5	192.8
12:09:19	572.8	577.9	565.8	414.9	454.6	473.4	222.7	300.8	347.2	193.7
12:09:24	553.3	574	549.6	398.6	427.5	448.4	222.4	300.8	345.7	193.4
12:09:29	537.1	553.3	538.5	401.5	436.3	462.3	223.3	301.9	349.5	194.1
12:09:34	531.7	558.9	547.9	393.8	428.1	450	223.7	300.3	345.1	194.7
12:09:39	522.5	574.7	558.9	401	439.3	461.6	224.4	299.4	348	194.2
12:09:44	517.4	558	549.3	410.2	460.5	486.1	226.4	302.5	352	196.5
12:09:49	507.7	560.4	545.1	408.9	454.4	478.4	226.8	302	352.7	196.5
12:09:54	503.1	562.2	547	396.1	447.4	466.6	226.9	302.1	341.4	195.8
12:09:59	492.3	530.8	525.8	385	425.3	439.8	227.3	304.2	335.9	195.7
12:10:04	480.5	518.8	507.3	379.9	418.7	432.8	226.9	303.1	328.1	194.5
12:10:09	470.9	521.2	502.7	368.1	404	419.8	226.7	303.9	324.9	194.2
12:10:14	466.5	519.3	501.3	370.3	410.4	431.8	227.2	303.5	332	194.5
12:10:19	463.6	522.1	506.4	381.6	429.1	444.8	228.9	303.2	330.6	194.9
12:10:24	462.3	511.5	503.7	381.7	425.3	440.8	229.2	305.4	330.3	193.9
12:10:29	464.1	537.4	523.1	386.4	440.8	465.9	231.1	306.8	336.4	194.2
12:10:34	461.1	520.3	516.1	375.6	422.1	447.5	230.9	305.6	332.4	193.5
12:10:39	455.8	524	509.2	361.6	405.5	423.6	230.3	302	323.8	193.9
12:10:44	447.8	497.2	489.1	348.1	375.9	386.3	228.8	302.8	312.9	192.2
12:10:49	442.3	487.3	476.8	355.4	387.2	407.6	228.9	301.8	315.9	192.6
12:10:54	441.2	496.8	486.9	355.6	401	424.6	229	301.1	314.6	192.3
12:10:59	440.7	493.1	489.2	355.1	399.3	417.6	229.4	300.8	316.5	192.8
12:11:04	438.5	495.3	487.1	348.5	392.2	403.6	228.1	298.6	309.9	191.8
12:11:09	431.7	477.6	471.1	341.7	375.5	390.3	228.8	298.9	306.6	191.3
12:11:14	428.3	472.9	470	336.8	377.6	396.2	228.4	296.2	304.8	190.9
12:11:19	422.5	456.7	460.1	336.1	380.7	395.2	228.9	297.9	304.6	191.3
12:11:24	409.8	424.3	425.8	332.7	368.6	383.1	227.7	297.2	301.9	191.8
12:11:29	402	420.8	419.1	324.1	357.1	367.8	227.2	294.9	291.3	190.4
12:11:34	396	408.1	413.7	325.6	359.9	383.4	227	294.1	295.6	189.4
12:11:39	388.9	403.4	408.7	325.4	363.2	380.3	226.6	293.3	295.7	189.3
12:11:44	384.7	408.8	410.4	321.6	354.7	369.8	225.6	290.6	296.1	188.3
12:11:49	382.7	428	425.7	320.3	358.5	377.2	226.6	291.8	297.6	188.4
12:11:54	377.1	431.5	418.9	318.9	352.9	367	225.4	289.4	296.6	189.2
12:11:59	378.8	434.1	423.7	324.5	365.7	378.6	223.9	286	294.4	186.6
12:12:04	373.3	415.8	409.6	314	350.4	364.1	222.8	282.1	293.7	185.3
12:12:09	367.3	411.4	405.5	299	323.8	328.6	221.3	280.8	285.9	185.5
12:12:14	367.4	432.7	417.8	297.3	327.3	334.2	219.5	276.4	283.3	184.8
12:12:19	365.7	423	412.4	294.5	328.2	339.2	218	273.8	284.4	183.8
12:12:24	362.7	415.7	410.5	300.9	333.4	350.7	216.8	272.7	292.1	183.8
12:12:29	355.2	402.4	394.6	289	313.5	324.7	216.1	271.4	286.9	183.6
12:12:34	348.8	385.5	380.8	282.9	301.6	310.6	214	267.8	281.5	182.7
12:12:39	340.3	381	368.5	274.8	289	293.4	212.5	266.3	275.8	181.8
12:12:44	336.2	372.9	361.4	271.7	290.3	300.4	211.4	264.7	268.1	180.9
12:12:49	331.2	359.6	353.8	271.8	295.3	310.8	210.6	263.5	272.6	181.5

12:12:54	327.8	354.7	352.3	273.7	295.2	308.6	210.2	263	271.6	181.8
12:12:59	321.1	343.8	338.1	267.1	286.5	298.2	210.1	262.1	263.1	180.9
12:13:04	317.5	336.1	334.3	261.1	279.4	289.9	209.8	261.4	260.7	180.5
12:13:09	310.6	334.4	328.8	255.8	268.3	280.1	208.4	259.4	251.7	180.2
12:13:14	303.4	326	317.8	245.8	256	265.1	206.8	257.5	247.6	179
12:13:19	300.2	321.8	314	242.8	253.1	265.2	206	256.1	247.9	178
12:13:24	290.3	308.6	297	235.7	240.1	245.7	204.7	253.1	241.4	177.6
12:13:29	286.1	301.9	291	230.2	230.6	236.6	203.7	251.5	235.6	176
12:13:34	283.8	306.6	295.1	234.5	244.7	260.4	202.1	249.9	239.7	175.1
12:13:39	278.7	299.2	287.6	228.1	236.5	243.6	201.5	248.6	234.6	174.6
12:13:44	275.2	291.9	284.8	228	238.7	246.5	200.4	246.5	231.6	173.3
12:13:49	272.9	291.6	285.3	226.8	237.2	247.2	199.4	245.9	230.8	173.4
12:13:54	264.7	286.2	276.6	222.1	227.5	234.9	198.8	243.7	228.9	172.2
12:13:59	261.8	282.4	271.2	218.6	221.9	228.3	197.2	241	223.2	170.5
12:14:04	259.3	273.7	267.8	218.4	223	235.5	196.8	240	222.2	170
12:14:09	255.5	269.8	263.8	210.8	213.7	218.7	195.6	237.6	218.9	169.5
12:14:14	250.8	272.5	263.8	209.7	215.2	226.5	194	236.3	219.2	169.1
12:14:19	249.5	267.1	259.8	208.2	213.2	223.3	193.2	234.6	216.2	168.2
12:14:24	245.4	259.4	255.8	206.3	210.6	222.7	192	233.1	214.7	166.8
12:14:29	244.3	259.6	255.5	202.7	205.4	217.2	191.2	231.3	212	166.1
12:14:34	241.9	257.4	253.6	200.9	203.1	209.7	190.2	229.3	209.2	165.1
12:14:39	240.6	257.8	254	203.9	211.4	223.4	188.9	228	211.3	163.8
12:14:44	236	252.4	244.5	197.4	197.7	201.4	187.6	224.8	204.2	163.2
12:14:49	232.5	244.3	236.7	197.6	199.2	202.6	186.5	222.1	200.4	161.8
12:14:54	227	235.6	228.8	195.1	196.2	203.9	185.3	220	201.5	160.3
12:14:59	224.6	229	225	191.6	193.6	199.9	184.7	219.4	198.5	159.5
12:15:04	219.8	227.2	220.8	189.3	189.7	191.2	183.5	217.3	193.7	158.2
12:15:09	219.3	228.7	223.6	189.7	191.3	194.4	182.2	215.9	192.1	157.5
12:15:14	216.5	229.6	224.3	187.8	191.4	198.9	181.9	214.8	194.9	156.8
12:15:19	216.2	229	225	189.9	196.2	206.3	180.9	213.3	193.6	155.6
12:15:24	211.3	222.3	216.8	182.1	182	188.2	179.8	211.8	190.3	155.1
12:15:29	210.8	224.6	218.1	181.6	186.5	196.5	178.9	210.8	192.2	154.2
12:15:34	206.2	214.6	209.9	176.8	180.9	186.2	177.8	208.7	188.6	153.5
12:15:39	204	213.8	209.4	175.7	179.1	186.2	177.2	207.3	189.2	152.7
12:15:44	200	205.1	199.8	168.7	168	170.4	176.2	204.7	183.2	151.6
12:15:49	198.4	206.9	200.4	171.4	171.1	176.5	175.3	203.2	182.2	151
12:15:54	197.4	206.4	201.8	171.2	172.7	180.6	174.2	202.1	179.1	150.3
12:15:59	195	205.6	200.3	170.5	171.2	176	173.2	200	178.4	149.3
12:16:04	193.1	204.4	198.7	171	171	174.5	172.5	198.7	178.4	148.5
12:16:09	191.4	205.9	199.1	168.3	164.7	170.5	171.5	198.3	175.7	148.3
12:16:14	189.5	203.9	196.6	164.5	162	166.6	170.3	196.4	175.6	147.9
12:16:19	188.8	204.3	198	163.8	164.5	170.5	169.1	194.9	176.3	146.7
12:16:24	187.5	202.1	196	164.8	165.6	169.2	168.7	193.4	175.8	145.6
12:16:29	185.4	198.5	192.3	160.7	160.4	164.2	167.9	191.8	173.2	144.9
12:16:34	184	197.5	191.6	161.1	159.4	162.7	166.8	190.3	171.5	144.5
12:16:39	182.7	198.2	192.7	163.7	165.2	174	165.7	189.6	174.1	143.6
12:16:44	182.1	196.1	192.7	160.9	163.6	170.9	164.9	189.1	172.6	143.1
12:16:49	181.1	195.9	190.6	159.9	164.4	171.8	164.1	188.2	171.1	142.6

12:16:54	180	190.1	187.1	157.3	159.8	163.5	163.1	187.1	165.8	141.9
12:16:59	178.2	187.7	184	157.7	160.1	165.4	162.3	185.9	165	141.3
12:17:04	176.6	185.4	181.4	157.8	159.2	163.4	161.3	184.3	161.6	140.7
12:17:09	174.1	182.2	177.9	150.9	147.1	148.8	160.2	182.3	156.4	140.6
12:17:14	173.4	182.8	177	151.4	150.4	156.2	159.3	180.1	155.9	139.8
12:17:19	171.2	182.7	175.5	151	149.9	155.7	158.6	179.7	156.2	139.5
12:17:24	170.3	183.7	175.2	149.9	148.7	153.3	157.7	178.9	155.2	138.8
12:17:29	167.2	170.6	165.9	146.4	144.6	146.4	157.1	177.2	151.6	138.1
12:17:34	166.5	172.1	168.4	147	147.8	152.3	156.1	175.6	151.8	137.2
12:17:39	164.6	169.3	165.8	147.6	149.3	154.6	155.4	174.5	150.7	136.7
12:17:44	164.6	174.7	168	148.2	151.6	155.8	154.8	173.9	151.1	136.1
12:17:49	164	176.4	170.5	149.5	154.4	157.9	154.4	172.7	150.8	135.9
12:17:54	163.3	172.7	169.4	146.4	149.5	151.1	153.7	172.1	147.2	135.6
12:17:59	162.5	171.1	168.4	145	145.3	146.5	153	171	145.3	135.3
12:18:04	161.2	170.4	168.1	144.9	145.9	149.6	152.2	170.3	147	134.8
12:18:09	160.5	168.7	165.2	143	143.6	146	151.4	169.2	143.8	134.3
12:18:14	159.2	169.7	165.9	142.8	144.8	150	150.6	168.5	144.3	133.7
12:18:19	156.4	164.3	159.8	136	134.6	136.6	149.7	166.1	139.1	133.1
12:18:24	156	165.6	160.9	137.5	135.4	137.7	148.9	165	138.7	132.8
12:18:29	154.3	163.5	158.5	137.7	136.1	139	147.9	163.1	136.2	132
12:18:34	154.9	167.6	160.4	136	134.1	137.6	147.2	162.3	136.7	131.4
12:18:39	153.9	165.8	159.4	134.9	134.3	136.2	146.5	161.5	135.2	131.1
12:18:44	151.4	163.8	156.5	133.4	131.8	132.3	145.9	161.7	135.5	131
12:18:49	151.5	162.2	155.9	131.8	130.8	132.8	145.2	160.6	132.1	130.3
12:18:54	150.9	161	156.4	133	133.4	137	144.6	159.8	133.4	129.9
12:18:59	149.3	161.4	155.4	129.8	127.7	131.3	143.9	158.5	131.6	129.2
12:19:04	147.8	159	152.5	128.4	127.3	131.2	143.1	157.1	131.4	128.5
12:19:09	148.1	161.5	155.9	129.2	130.6	137.6	142.6	156.8	132.6	128.1
12:19:14	147.1	160.9	155.9	129.5	129.3	132.5	142	155.9	131.6	127.6
12:19:19	145.8	156.6	151.9	127.7	128	131.7	141.2	154.2	131.1	127
12:19:24	144.1	149.2	147.4	127.9	127.4	132.4	140.5	153	130.6	126.8
12:19:29	143.5	149.6	148.1	128.5	129	134.2	139.7	152.2	130	126.2
12:19:34	143	148.9	147.7	126.3	126.5	128.9	139	150.7	128.7	125.8
12:19:39	126.6	70.3	63.2	109.6	105.5	103.7	137.9	149.1	113.9	125.1
12:19:44	43.6	18.4	18.3	79.9	34.4	30.9	132.6	138.7	92.8	122.2
12:19:49	32	15.2	15.3	54.7	27.4	29.2	127	125.2	60.1	120.3
12:19:54	30.1	18	17.6	50.3	26.3	27.5	124.7	117.5	60.5	119.2
12:19:59	35.6	30.1	34.3	60.6	37.7	39.4	125	119.6	64.1	119.3
12:20:04	32.1	28	25.6	52	28.1	32.3	125.4	119.8	67.7	119.4
12:20:09	32.1	28.9	29.3	44.2	29.4	30.8	126.6	117.4	61.4	118.3
12:20:14	35.9	37.1	38.5	46.5	36.1	37.6	127.7	119.2	68.5	118.1
12:20:19	39.6	40.6	40.8	49	40.8	40.8	127.6	120.9	77.1	117.9
12:20:24	41.3	39.2	38.6	48.3	39.6	39.4	126.9	120.4	78	117.7
12:20:29	44.7	42.9	42.5	48.4	41.2	40.8	126.2	120.7	80.5	117.3
12:20:34	46.4	42.7	42	50.9	37.4	37.5	126.6	121.3	82.6	117
12:20:39	48.3	41.9	40.9	57.6	36.5	36.6	126.8	121.1	83.5	116.7
12:20:44	51.7	41.6	40.7	65.2	38.4	38.5	126.4	121.2	84.2	116.3
12:20:49	54.7	43.3	41.8	69.3	43.5	44.5	126.6	122.5	86.3	116.2

12:20:54	56	41.9	41.2	73.4	53.3	80.2	126	121.8	87.2	115.7
12:20:59	57.1	40.2	38.8	76.8	63	89.6	125.1	121.5	87.7	115.3
12:21:04	58.5	44.1	39.6	76.2	64	88	124.7	120.9	87.3	114.9
12:21:09	60	48.4	40.2	78.7	71.3	94.1	124.1	120.3	88.8	114.3
12:21:14	62	57.6	41.3	79.1	74.9	94.9	123.7	119.2	90.3	113.8
12:21:19	62.6	68.4	39.7	81.5	78.6	97.9	122.8	119.3	90.9	113.4
12:21:24	62.9	82.3	40.4	80.9	77.8	93.2	122.2	119.1	91	113.1
12:21:29	64.3	95	41.5	82.5	82.7	98.7	121.7	118.1	93.1	112.7
12:21:34	65.1	103.8	42.1	83.9	85	98.9	121.1	117.6	94.3	112.2
12:21:39	64.9	112.4	48.7	81.6	79.5	88.4	120.5	117	92.3	111.8
12:21:44	64	109.6	53.3	76.1	65.2	64.6	118.2	112.8	86.8	111.4
12:21:49	61.1	94.9	48.4	70.8	55.5	50.5	116.5	108.4	81.2	110.7

TIME of current DATA	Slot 31 deg C	Slot 32 deg C	Slot 33 deg C	Slot 34 deg C	Slot 35 deg C
11:47:04	10.3	15.8	9.9	10.2	14.5
11:47:09	10.4	18.1	9.9	10.3	16.4
11:47:14	10.5	32.1	9.9	10.4	28.4
11:47:19	10.5	49.5	9.9	10.4	40.2
11:47:24	10.6	52.9	10	10.6	43.4
11:47:29	10.7	63.4	10	10.9	50.2
11:47:34	11.1	65.6	10	11.3	56.5
11:47:39	11.4	65.5	10.1	11.8	54.7
11:47:44	12	65	10.1	12.3	56.7
11:47:49	12.4	70.8	10.1	12.8	58.3
11:47:54	13	58.1	10.2	13.4	53.3
11:47:59	13.6	70.6	10.3	14	59.1
11:48:04	14.2	69.1	10.3	14.6	57.6
11:48:09	14.8	73.4	10.4	15.1	59.7
11:48:14	15.4	72.3	10.5	15.6	58.3
11:48:19	16	76.3	10.6	16.3	65.6
11:48:24	16.6	76.8	10.7	16.8	68.2
11:48:29	17.2	83.1	10.8	17.4	72.6
11:48:34	17.8	83.5	10.9	18.1	71.2
11:48:39	18.4	78.9	10.9	18.7	72.2
11:48:44	19.1	76.1	11.2	19.4	65.1
11:48:49	19.8	77.8	11.4	20.1	67.3
11:48:54	20.4	72.8	11.6	20.9	62.7
11:48:59	21.1	85.1	11.9	21.4	74.1
11:49:04	21.6	95.6	12	22	75.5
11:49:09	22.3	96.8	12.1	22.6	76.1

11:49:14	22.9	101.2	12.2	23.3	79.1
11:49:19	23.6	107.6	12.3	23.9	83.7
11:49:24	24.3	96	12.7	24.5	76.8
11:49:29	25.1	102.9	12.9	25.2	82.8
11:49:34	25.9	106	13	25.9	80.8
11:49:39	26.7	105.1	13.1	26.6	88.5
11:49:44	27.6	118.9	13.3	27.4	94.2
11:49:49	28.3	115.6	13.5	28	89.1
11:49:54	29.1	127.9	13.8	28.8	93.5
11:49:59	29.9	126.5	14.1	29.7	99.1
11:50:04	30.7	102.1	14.3	30.5	81.5
11:50:09	31.7	104.1	14.5	31.2	76.6
11:50:14	32.6	128.2	14.5	32	95
11:50:19	33.4	124.8	15	32.8	96.4
11:50:24	34.3	128.7	15.5	33.5	98.1
11:50:29	35.3	126.7	15.7	34.4	97.7
11:50:34	36.1	117.6	15.7	35	95.8
11:50:39	37	120.2	15.9	35.8	98.3
11:50:44	37.9	118.7	16.1	36.6	90.4
11:50:49	38.7	125.5	16.3	37.4	101
11:50:54	39.5	125	16.5	38.2	98.7
11:50:59	40.3	121.6	17.1	39.1	99.9
11:51:04	41.1	123.9	17.3	39.8	97.9
11:51:09	42	116.1	17.6	40.5	89.2
11:51:14	42.8	132.2	17.9	41.4	102.4
11:51:19	43.5	115.8	18.3	42.1	97.1
11:51:24	44.3	130.5	18.4	42.5	103.2
11:51:29	45	131.9	18.7	43.1	100.7
11:51:34	45.7	138.1	18.9	43.8	104.5
11:51:39	46.4	141.3	19.3	44.6	110.2
11:51:44	47.2	159.2	19.9	45.4	120.7
11:51:49	48.1	164.7	19.8	46.3	127.7
11:51:54	49.1	170.2	20	47	124.8
11:51:59	50	161.1	20.4	47.8	129.3
11:52:04	51.1	163.5	21.2	49	123.8
11:52:09	52.2	150.7	21.9	50.2	117
11:52:14	53.5	168.6	22.6	51.4	122.6
11:52:19	54.7	166.3	22.8	52.4	131.3
11:52:24	55.9	172.3	23.2	53.4	136.1
11:52:29	57.2	160.4	23.7	54.4	126.4
11:52:34	58.4	193.6	23.5	55.4	149.6
11:52:39	59.6	165	24.1	56.5	136.2

11:52:44	60.8	164.8	24.4	57.7	121.3
11:52:49	62.1	175.6	25	58.7	133.4
11:52:54	63.6	172.6	25.7	60	135.4
11:52:59	64.8	182.8	26.1	61.1	139.4
11:53:04	66.1	184.8	26.7	62.2	135.3
11:53:09	67.3	190.4	26.7	63.1	135.7
11:53:14	68.5	176.9	26.9	64.1	136.6
11:53:19	69.7	184.5	27.8	65.3	142.2
11:53:24	70.8	172	28.2	66.4	139.4
11:53:29	72	184	29.3	67.6	143.8
11:53:34	73.1	200	30	68.8	146.2
11:53:39	74.4	195.3	30.3	69.8	146.9
11:53:44	75.5	193.1	30.9	70.8	146.6
11:53:49	76.6	193.8	31.6	71.8	149.5
11:53:54	77.7	194.3	32.4	72.7	148.1
11:53:59	78.8	211.3	32.3	73.6	153.9
11:54:04	79.9	203.8	32.7	74.7	154.5
11:54:09	81.1	210.6	33.7	75.7	159.7
11:54:14	82.2	221	34.6	76.7	165.7
11:54:19	83.3	209.7	35.1	77.6	154.7
11:54:24	84.3	189.4	35.8	78.6	149
11:54:29	85.5	178.4	36.5	79.7	142.5
11:54:34	86.6	215.2	36.6	80.3	159.9
11:54:39	87.7	203.4	36.8	81.3	160.1
11:54:44	88.7	212.1	36.9	82.1	165.9
11:54:49	89.6	213.5	37.3	82.9	165.3
11:54:54	90.7	219.6	37.8	83.7	171
11:54:59	91.8	222.8	37.7	84.5	179
11:55:04	93	205.1	38.5	85.3	167.8
11:55:09	94.4	214.6	38.8	86	172.2
11:55:14	95.6	226.6	39.3	86.7	179.7
11:55:19	97.2	222	40.7	87.9	179
11:55:24	98.7	213	41	88.9	171.8
11:55:29	100.2	232.2	41.9	89.8	187.4
11:55:34	101.8	238.9	43.8	91	188.3
11:55:39	103.2	257.4	44.5	92.2	198.1
11:55:44	104.6	240.4	44.9	93.3	189.5
11:55:49	106.4	224.1	45.5	94.4	178.1
11:55:54	108.8	224	46	95.5	173
11:55:59	111.1	228.9	47.7	96.7	178.4
11:56:04	113.5	237.7	48.4	98	181
11:56:09	115.5	231.2	49.3	99	183.2

11:56:14	117.2	241.7	49.5	100.3	192.6
11:56:19	118.9	236.4	50.5	101.4	192.9
11:56:24	120.5	248.5	51.3	102.6	199.3
11:56:29	122	255.7	51.7	104	198.1
11:56:34	123.2	260.1	53.1	105.5	193.5
11:56:39	124	274.2	54.4	106.8	209.1
11:56:44	124.8	269.6	55.7	108.2	201.1
11:56:49	125.5	264.4	56.7	109.6	200.4
11:56:54	126.3	266.1	57.5	111.2	206
11:56:59	126.7	269.1	57.9	112.4	209.8
11:57:04	127.3	278.9	58.8	114.2	218.9
11:57:09	127.8	283.8	60.2	115.9	215.5
11:57:14	128.2	279.4	61.3	117.6	206.3
11:57:19	128.7	282	62.4	119.2	213
11:57:24	129.4	278.9	63.5	121.1	203.7
11:57:29	129.9	270.6	64.2	122.8	197.9
11:57:34	130.5	276.5	64.6	124.1	203.8
11:57:39	131.2	267.6	64.9	125.5	201.7
11:57:44	131.6	263.1	65.5	126.6	203.4
11:57:49	132.2	269.9	66.4	127.9	206.1
11:57:54	133	271.1	66.9	128.9	206.7
11:57:59	133.6	268.6	67.5	130.1	203.7
11:58:04	134.4	274.8	68.2	131.1	209.6
11:58:09	135.2	275.8	68.8	132.3	209.3
11:58:14	135.5	276.6	68.7	132.9	209
11:58:19	136.2	278.5	70.1	133.8	213
11:58:24	136.6	268.4	70.7	134.7	205.2
11:58:29	137.5	286.5	70.6	135.5	222.6
11:58:34	138.4	280.7	71.1	136.3	213.8
11:58:39	139	275.7	71.2	137.4	204.7
11:58:44	139.3	281.9	71.6	138.4	219.7
11:58:49	139.5	291.6	73	139.2	227.5
11:58:54	140.1	305.2	73.8	139.6	242.6
11:58:59	140.1	305.6	74.4	140.1	239.7
11:59:04	140.6	292.1	75.8	140.8	222.9
11:59:09	141.4	284.6	76.7	141.8	219.5
11:59:14	142.4	281.3	76.4	142.5	215.3
11:59:19	143.1	277.7	77.4	143.5	211.4
11:59:24	143.9	291.8	77.7	144.6	222.8
11:59:29	144.5	278.5	77.9	145.4	213.4
11:59:34	144.9	291.1	78.7	146.1	221.4
11:59:39	145.4	279.9	78.8	146.5	218.9

11:59:44	146.1	280.2	79.1	147.2	218.9
11:59:49	147.1	284	78.9	147.7	221.2
11:59:54	147.7	282.6	80.3	148.2	221.7
11:59:59	148.7	285.9	80.4	148.8	227.3
12:00:04	149	295.3	81.7	149.6	241.6
12:00:09	150	300.7	81.1	150.2	241.4
12:00:14	150.5	311.7	82.5	150.7	254.2
12:00:19	150.8	318.5	83.3	151.2	257.1
12:00:24	151.1	311	83.5	151.7	250.6
12:00:29	151.7	314.1	84.1	152.1	253.3
12:00:34	152.8	314.9	84.5	152.7	249.7
12:00:39	153	313.8	85.3	153.2	252.8
12:00:44	154	316.2	86.4	153.7	251.7
12:00:49	154.5	307.7	86.2	154.1	240.5
12:00:54	155.6	327.3	86.4	154.6	254.5
12:00:59	156.6	325.4	86.8	154.9	250.2
12:01:04	157.4	355	88.4	155.4	274.4
12:01:09	157.2	340.4	89.7	156	259.5
12:01:14	157.1	335.8	90.7	156.3	250.3
12:01:19	158	357.3	91.1	156.7	279.1
12:01:24	157.7	353.3	91.9	157	272.6
12:01:29	158.8	362	92.2	157.3	281.5
12:01:34	160.2	372.1	92.2	157.6	287
12:01:39	161.7	371.3	92.4	158.1	290.3
12:01:44	165.4	375.7	92.6	158.5	285.6
12:01:49	167.3	392.5	93.1	158.5	294.6
12:01:54	166.7	384.4	94.4	158.9	291
12:01:59	165.6	376.1	95.8	159.4	287.1
12:02:04	165.3	402.4	97.7	160.1	308.2
12:02:09	164.4	414.1	99.1	160.5	313.4
12:02:14	164.2	408.9	99.5	161	310.5
12:02:19	163.5	417.2	101	161.4	311.2
12:02:24	163.3	417.8	100.6	161.7	330.4
12:02:29	164.5	427.1	100.1	161.7	335.9
12:02:34	166.6	419.2	100.4	161.9	325.8
12:02:39	167.7	419	100.5	162	320.1
12:02:44	167.9	429.4	100.5	162.1	327.5
12:02:49	170	422.3	102.2	162.3	322
12:02:54	170	408.9	103.5	162.2	305.2
12:02:59	171.2	431.5	103.6	162.2	325.8
12:03:04	173.2	416.3	104.4	162.4	312
12:03:09	176.2	418.5	104.2	162.4	312.3

12:03:14	179.6	414.1	104.3	162.5	305.6
12:03:19	182.9	444.2	104.2	162.3	345.4
12:03:24	185.3	451.6	105	162.4	342.2
12:03:29	188.3	438.2	105.4	162.7	325
12:03:34	190	428.9	105	162.9	323.3
12:03:39	191.4	429.9	106	163.3	331.7
12:03:44	193.3	430	106.8	163.8	335.8
12:03:49	194.4	433.4	107.1	164	339.9
12:03:54	195.3	438.8	109.1	164.4	340.1
12:03:59	194.4	415.9	110.4	165.1	334.4
12:04:04	192.6	437.6	110.7	165.5	354.9
12:04:09	192.7	427.3	111.6	166.1	347.4
12:04:14	192.9	417.1	112.1	166.6	340.8
12:04:19	193.3	436.2	112.3	167.2	346.6
12:04:24	194.3	428.3	112.4	167.5	357.9
12:04:29	194.7	436.9	113	168	364.9
12:04:34	195.4	431.9	113.6	168.5	369.6
12:04:39	195.2	439.8	115	168.8	375.4
12:04:44	196.3	434.3	115.4	169.1	379.7
12:04:49	196.4	419.7	114.8	169.4	348.7
12:04:54	197.7	430.5	115.2	169.8	362.5
12:04:59	200.7	442.2	115.3	170.1	371.5
12:05:04	207.1	437.8	114.2	170.5	366.2
12:05:09	213.9	432.8	113.2	170.8	356.3
12:05:14	217	421.5	114.1	171.1	344.8
12:05:19	221.6	425.9	114.6	171.6	350.8
12:05:24	224.7	445.2	115.7	172	385.5
12:05:29	226.7	427.8	115.9	172.3	366
12:05:34	228.4	429.7	116.7	172.8	366
12:05:39	230.1	431.6	116.9	173.3	370.9
12:05:44	232.6	421.6	117.8	173.9	355.4
12:05:49	235.8	421.9	118.2	174.4	361.6
12:05:54	239.3	412.7	119.2	175	339.9
12:05:59	241.2	420.4	120	175.5	342.3
12:06:04	242.1	408.7	120.9	176.1	341.4
12:06:09	242.6	418.1	122.4	176.7	351.6
12:06:14	243.3	422.4	123.8	177.3	351.2
12:06:19	241.8	399.6	124.7	177.9	327.5
12:06:24	239.7	410.3	126.4	178.5	342.5
12:06:29	238.4	390.1	127.8	179.2	327.9
12:06:34	237.8	402.5	128.7	179.7	331.8
12:06:39	235.7	407.8	130.5	180.3	342.5

12:06:44	235.1	414.2	132.4	181	338.9
12:06:49	235.8	418	134.1	181.7	349.7
12:06:54	235.3	419.8	134.6	182.3	353.8
12:06:59	236.1	411.8	135	182.9	352.7
12:07:04	237.4	407.1	136.5	183.5	340.5
12:07:09	238.5	411	137.2	184.1	346.4
12:07:14	239.4	409.5	137.7	184.7	345.4
12:07:19	239.8	419	138.3	185.3	360.8
12:07:24	241.2	399.8	140.1	185.9	339.7
12:07:29	243.7	405.6	141.3	186.5	347.2
12:07:34	244.7	395	140.5	187	331
12:07:39	245.7	399.9	141	187.3	341.7
12:07:44	247.3	386	142	187.8	328.8
12:07:49	249.1	373.4	142.8	188.2	314.9
12:07:54	250.3	369.3	143.8	188.5	311.2
12:07:59	252	354.3	144.3	188.8	297.2
12:08:04	253.8	341.6	144.7	189	282.5
12:08:09	255.2	353.6	145.2	189.2	305.3
12:08:14	256.1	327.6	144.6	189.3	276.1
12:08:19	259.3	335	145.3	189.4	288.8
12:08:24	262.2	333.1	146	189.4	281.6
12:08:29	261.7	324.8	146.5	189.4	265.1
12:08:34	264.1	316.6	146.4	189.4	264.2
12:08:39	263.7	322.4	146.2	189.4	275.5
12:08:44	264.4	308.6	145.3	189.3	268.5
12:08:49	265.4	314.3	146.2	189.2	274.2
12:08:54	265	313.2	145.1	189.1	275.5
12:08:59	267.1	308.4	144.9	188.9	266.4
12:09:04	267.7	301	145.1	188.8	259.4
12:09:09	265.5	287.3	146	188.6	246.2
12:09:14	265.3	279	146	188.5	244.1
12:09:19	265.9	285.3	146.2	188.2	250.1
12:09:24	264.7	283.3	146.4	188	251.5
12:09:29	266.3	283.5	145.8	187.8	247.2
12:09:34	265.9	283.2	146.3	187.5	241.1
12:09:39	266.2	280.4	147.1	187.3	238.2
12:09:44	268.1	286.9	146.8	187	251.2
12:09:49	267.9	292.8	146.6	186.8	253.7
12:09:54	267	282.9	146.7	186.5	243.4
12:09:59	265.7	276.3	147.7	186.1	243.9
12:10:04	264.4	265.1	147.5	185.8	236
12:10:09	264.5	271	148.2	185.5	239.8

12:10:14	265.5	279.6	147.4	185.2	244.5
12:10:19	265.5	280.2	148.5	184.8	244.9
12:10:24	263.7	281.1	148.2	184.5	237.2
12:10:29	264.4	279.9	148	184.2	242.6
12:10:34	263	273.2	148	183.9	238.9
12:10:39	262.9	264.7	147.5	183.6	230
12:10:44	261	257.8	148.7	183.1	219.7
12:10:49	260.3	258.8	148.2	182.7	220.3
12:10:54	260.3	259	148.6	182.4	217.2
12:10:59	260.2	268.5	149.1	182.1	231.8
12:11:04	257.9	259.4	148.3	181.6	217.2
12:11:09	257.6	250.5	148.2	181.3	215.1
12:11:14	256	247.9	148.9	180.8	213.9
12:11:19	256.2	254.5	149.2	180.5	222.7
12:11:24	255.9	250.1	148.6	180	221.9
12:11:29	253.9	237.2	148.3	179.6	209.8
12:11:34	252.5	245.3	148	179.1	218
12:11:39	251.8	249.3	149.1	178.8	214.8
12:11:44	250.8	248	148.3	178.4	216.2
12:11:49	251	240.9	148.3	177.9	211.4
12:11:54	251.3	244	148.3	177.5	211.8
12:11:59	247.4	247.4	148.3	177.1	217.1
12:12:04	246.5	240.4	148.3	176.7	212.3
12:12:09	245.1	228.1	148	176.3	197.8
12:12:14	243.8	225.2	148.1	175.8	196
12:12:19	242.4	214.6	148.4	175.4	187
12:12:24	242.2	223.1	147.7	174.9	192.5
12:12:29	241.6	217.8	147.6	174.4	188.3
12:12:34	239.3	215.8	147.4	173.9	185.7
12:12:39	238.7	206.2	147	173.4	180.5
12:12:44	236.9	199.5	146.1	172.9	177.7
12:12:49	236.9	209.1	145.8	172.4	182
12:12:54	236.9	204.4	146.2	171.9	177
12:12:59	235.6	195.1	145.8	171.3	169.5
12:13:04	234.9	196.7	145.5	170.9	171.7
12:13:09	234.2	186.7	144.9	170.2	164.8
12:13:14	231.6	185.2	144.8	169.7	163.7
12:13:19	230.6	183.6	144.8	169.2	164.2
12:13:24	229.2	180.4	144.4	168.6	158.3
12:13:29	226.9	179.4	144.2	168.1	157.9
12:13:34	225.5	176.7	143.9	167.5	157.2
12:13:39	224.3	176.8	143.2	166.9	155.9

12:13:44	222.8	175.8	142.5	166.4	154.9
12:13:49	221.9	177.4	142.5	165.8	156.3
12:13:54	219.9	175.8	141.9	165.1	153.9
12:13:59	218.2	167	141.2	164.5	148.1
12:14:04	217	168.9	141.4	163.9	146.5
12:14:09	216.3	166.5	141.2	163.4	146.8
12:14:14	215.1	159	140.3	162.8	140.6
12:14:19	213.6	160.2	139.7	162.2	141.2
12:14:24	212.1	160.9	139.9	161.6	142.5
12:14:29	210.7	157.1	139	161	138.1
12:14:34	209.5	156.5	138.8	160.4	136.7
12:14:39	207.6	159.5	138.2	159.8	139.4
12:14:44	206.3	151.2	138.1	159.2	135.5
12:14:49	203.8	150.7	137.8	158.5	134.1
12:14:54	201.9	154.6	137.2	157.9	136.8
12:14:59	201.1	151.9	136.8	157.4	136
12:15:04	199	153.3	136	156.8	136.8
12:15:09	197.9	149.9	135.7	156.2	134.7
12:15:14	196.5	151.4	135.4	155.7	133.6
12:15:19	195	152	134.4	155	135.8
12:15:24	193.8	146.5	134	154.4	131
12:15:29	192.5	148.3	134	153.9	131.3
12:15:34	190.9	146.8	133.8	153.3	130.5
12:15:39	189.6	146.4	133.1	152.6	130.8
12:15:44	188	141.4	132.9	152.1	127.1
12:15:49	187	140.2	132.6	151.5	125.2
12:15:54	185.5	135.4	132.3	151	123.2
12:15:59	184	135.6	131.8	150.4	121.8
12:16:04	182.4	136.3	131.4	149.9	123.4
12:16:09	182	138.6	130.8	149.3	123.9
12:16:14	181.4	134.7	130.6	148.8	120.1
12:16:19	179.6	136.1	130	148.2	121.8
12:16:24	177.8	135.2	128.8	147.5	121.2
12:16:29	177	132.7	128.4	146.9	119.2
12:16:34	175.9	133	128.2	146.5	118.3
12:16:39	174.7	135.3	128.1	145.9	118.8
12:16:44	173.8	133.4	127.4	145.4	118.8
12:16:49	173.1	135	127.2	144.9	119.9
12:16:54	172	129.9	126.6	144.4	116.5
12:16:59	171.1	128.7	126.1	143.8	114.9
12:17:04	170	128.5	125.5	143.4	116.9
12:17:09	169.3	123.1	125.5	142.8	113.4

12:17:14	168.2	121.5	124.4	142.3	110.4
12:17:19	167.3	123	124.2	141.7	110.6
12:17:24	166.5	123.7	124	141.3	110.9
12:17:29	165.7	119.3	123.8	140.8	110
12:17:34	164.3	121.6	123.4	140.3	112
12:17:39	163.8	119.4	122.8	139.8	109.7
12:17:44	163.3	121.6	123	139.3	110.9
12:17:49	162.6	123.2	122.4	138.8	112.1
12:17:54	162	120	122.1	138.3	110.9
12:17:59	161.4	118.6	121.9	137.9	108.1
12:18:04	160.8	117.9	121.2	137.4	106.9
12:18:09	160	115	120.9	137	104.8
12:18:14	159.2	116	121.1	136.5	104.8
12:18:19	158.7	112.5	120.6	136	102.3
12:18:24	157.8	111.3	119.9	135.6	101.6
12:18:29	156.7	109.5	119.4	135.2	100.5
12:18:34	156	109.8	119.1	134.7	101.4
12:18:39	155.2	108.2	118.5	134.3	100.5
12:18:44	155	111.2	118.6	133.8	102.4
12:18:49	153.9	110.6	118.2	133.4	100.6
12:18:54	153.4	109.5	118	132.9	100.9
12:18:59	152.6	108.8	117.4	132.5	101.7
12:19:04	151.6	105.2	116.7	132.1	97.9
12:19:09	151	104.3	116.6	131.7	96.6
12:19:14	150.1	107	116.2	131.2	99.9
12:19:19	149.3	105.7	115.9	130.8	99.5
12:19:24	148.7	108	115.1	130.4	100.2
12:19:29	147.9	107.6	114.8	130	101
12:19:34	147.3	105.9	114.5	129.5	100.6
12:19:39	145.8	93.2	114	129.1	94.3
12:19:44	140	70.4	112.8	128.5	80.3
12:19:49	136.4	46.1	112.4	128	70.6
12:19:54	136.1	50.1	112.1	127.4	71.8
12:19:59	136.3	63.8	111.8	127	79.3
12:20:04	136.8	65.4	111.4	126.6	78.8
12:20:09	135	60.9	111.1	126.2	72.7
12:20:14	134.4	71.7	110.8	125.7	77.5
12:20:19	134	83.5	110.4	125.4	82.3
12:20:24	133.9	84.7	110.1	124.9	82.7
12:20:29	133.3	89.1	109.5	124.5	85.4
12:20:34	132.8	89.2	109.2	124.1	86.9
12:20:39	132.2	88.4	108.9	123.7	88.2

12:20:44	131.5	86.9	108.6	123.2	86.7
12:20:49	131.1	89.9	108.4	122.8	88.5
12:20:54	130.7	92	108	122.4	90.2
12:20:59	130	89.4	107.9	122	89.5
12:21:04	129.5	87.8	107.6	121.6	87.5
12:21:09	128.7	89	107.3	121.2	86.7
12:21:14	128.3	91.9	107	120.7	87.2
12:21:19	127.8	89.6	106.7	120.3	86.4
12:21:24	127.3	89.5	106.5	120	86.1
12:21:29	127.1	90	105.9	119.6	86.4
12:21:34	126.5	91	105.7	119.2	87.1
12:21:39	125.8	87.6	105.4	118.9	85.5
12:21:44	125.3	81.5	105.1	118.4	81.2
12:21:49	124.6	77.3	105	118.1	78.5

List of Calibrated Instrumentation Used for Testing

Description	Serial No.	Calibration Due Date
Gardon Gage	158181	10/30/10
Gardon Gage	158183	10/30/10
Gardon Gage	158182	10/30/10
Medtherm # 64-20-18 Gage	588510	10/30/10

REVISION SUMMARY and LAST PAGE

DATE	SUMMARY
April 20, 2010	Original
September 10, 2010	Revision 1 – Clarified Sample Traceability in Section 3.1
July 24, 2012	Revision 2 (Editorial) – Corrected report number on title page to properly reflect the report number of 3178221SAT-016 Edited Rev. 1 to Rev. 2 on header throughout report