

**Regulatory Authority of Bermuda
report on
Bermuda Electric Light Company
Smart Meter Maximum Permissible Exposure**

14 June 2018

This report reflects the electromagnetic radio frequency Maximum Permissible Exposure to Radio Frequency Exposure assessment for the General Population/uncontrolled exposure of Smart Meters located at BELCO – Serpentine Rd



BERMUDA
**REGULATORY
AUTHORITY**

Smart Meter Maximum Permissible Exposure

This report is a safety and compliance report prepared by the Regulatory Authority (“the Authority”), and is not intended to be an engineering document. An engineering report may not reflect the various issues that may be encountered at many sites. The Authority staff are trained in RF Site Safety Awareness. This document reflects this expertise.

The Maximum Permissible Exposure (MPE) assessment for the site was completed following recommendations of the Federal Communications Commission (FCC) Office of Engineering. The purpose of the MPE assessment at the site was to determine the ambient levels of electromagnetic energy (EME) with regards to BELCO Smart Meters (model: **ITRON Centron®**). In addition, the assessment was conducted in order to detect and document whether EME fields present at the site are above FCC guidelines for human exposure to radio frequency (RF) emissions. The assessment also determines what, if any, areas should be defined as “hot” zones, or areas that contain RF levels above general population levels.

NOTE 1: Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

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Location:



Meter	Orientation	GPS Coordinates	Comments
Meter 1	Horizontal	32.29774 -64.79161	None
Meter 1	Vertical	32.29774 -64.79161	None

The results contained in this report are summarized below. For a detailed technical discussion of our findings the reader is referred to the complete report attached to this summary (see Appendix A (Horizontal Orientation) & B (Vertical Orientation)).

Table 1 below tabulates the Maximum readings in milliwatts per square centimeter (mW/cm^2) in column A, the average readings in milliwatts per square centimeter (mW/cm^2) in column B, and the maximum readings of the percentage of the FCC Standard obtained in each assessment in column C. Columns D and E present the acceptable FCC standard guideline for the general population and occupational standard at the BELCO site.

General population or uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure. Occupants of Bermuda homes where these meters are installed, or will be installed, fall into the category of general population. Column C lists the occupational exposure percent of standard maximum for the smart meter

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location surveyed. The readings near the meter did not exceed 0.134 % of the maximum permissible exposure (MPE) limit of $0.61\text{mW}/\text{cm}^2$.

Table 1. Summary of Survey Results

Site Name. BELCO (H or V ¹)	(A) Max Power Density (mW/cm^2)	(B) Average Power Density (mW/cm^2)	(C) MAX (% of standard D)	(D) <u>FCC</u> General population uncontrolled standard ($0.61\text{ mW}/\text{cm}^2$)	(E) Occupational controlled standard ($3\text{ mW}/\text{cm}^2$)
Meter 1 H	0.000820	0.000062	0.134 %	0.61	N/A
Meter 1 V	0.000608	0.000044	0.099 %	0.61	N/A

Measured signal levels in this survey **do not** create a hazard to the public. The measured levels are well within United States FCC guidelines for the limitation of human exposure to radio frequency (RF) energy. Review of the data tabulated above indicates that the average power density readings at the BELCO smart meter site does not exceed 0.019 % (Horizontal) and 0.0072 % (Vertical) of the maximum exposure level standard for the general population.

Measurement Results

The measurements of the actual RF emissions from the smart meter/s were recorded from various locations around the smart meters. The smart meter transmits in the 900MHz frequency band. The RF emission measurements were made in front of the smart meter antenna, 5 feet away, 20 feet away and 50 feet away from the meter. The tests made immediately in front of the meter (position 1 in Figure 1 below) were found to be inconsistent due to the physics of wave generation the meter specification requires a minimum of 5 feet from the transmitter to measure reliably.

Figure 1: Depiction of the Horizontal Orientation Set-up.



¹ Refers to Horizontal (H) or Vertical (V) oriented measurement

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Figure 2: Depiction of the Vertical Orientation Set-up.



The test readings were taken twice, once in the horizontal plane and once in the vertical plane while the smart meter device was on. Maximum and average values were measured and recorded for each orientation. Root Mean Squared (RMS) readings are an industry standard measurement of the **average** continuous power density and best represents the effect of exposure over time to a human being.

Exposure Significance

The test results were taken under the normal conditions (with the meter transmitting for 500 milliseconds or 0.5 seconds with a spread spectrum output), this would mimic the meter behavior in the field (deployed).

Based upon these test results, the interpretation of the power density values with respect to a potential health hazard for the general population can now be readily assessed. The radiation being emitted by the smart meter is within the safe power density range covered by the FCC Standard for general population.

The data collected during the activation survey of the area clearly indicated that the general public are not exposed to levels of radio frequency radiation higher than the FCC Standard. The highest reading encountered was 0.134 % (0.000820 mW/cm^2) of the FCC Standard maximum exposure level.

Exposure Guidelines

Standard-setting agencies in the U.S. and abroad have conducted independent surveys of the scientific literature to the end of recommending limits on exposure to RF fields. The National Council on Radiation Protection (NCRP), which was chartered by the U.S. Congress to develop exposure criteria

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for all forms of electromagnetic radiation, published an extensive review of the data based on biological effects of exposure to RF fields in 1986.

- Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields, OET Bulletin 65, Edition 97-01, August 1997
- Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields, OST Bulletin No. 65, October 1985.
- Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields, OET Bulletin 65, Edition 97-01, August 1997.

Table 1: LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

(A) Limits for Occupational/Controlled Exposure

Frequency Power range (MHz)	Electric Field Strength (E), (V/m)	Magnetic Field (H), (A/m)	Density S (mW/cm ²)	Averaging Time (E ²) (H ²), or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)	6
30-300	61.4	0.163	1	6
300-1500			f/300	6
1500-100,000			5	6

(B) Limits for General Population/Uncontrolled Exposure

Frequency Power range (MHz)	Electric Field Strength (E), (V/m)	Magnetic Field (H), (A/m)	Density S (mW/cm ²)	Averaging Time (E ²) (H ²), or S (minutes)
0.3-3.0	614	1.63	(100)*	30
3.0-30	842/f	2.19/f	180/f ²	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000			1	30

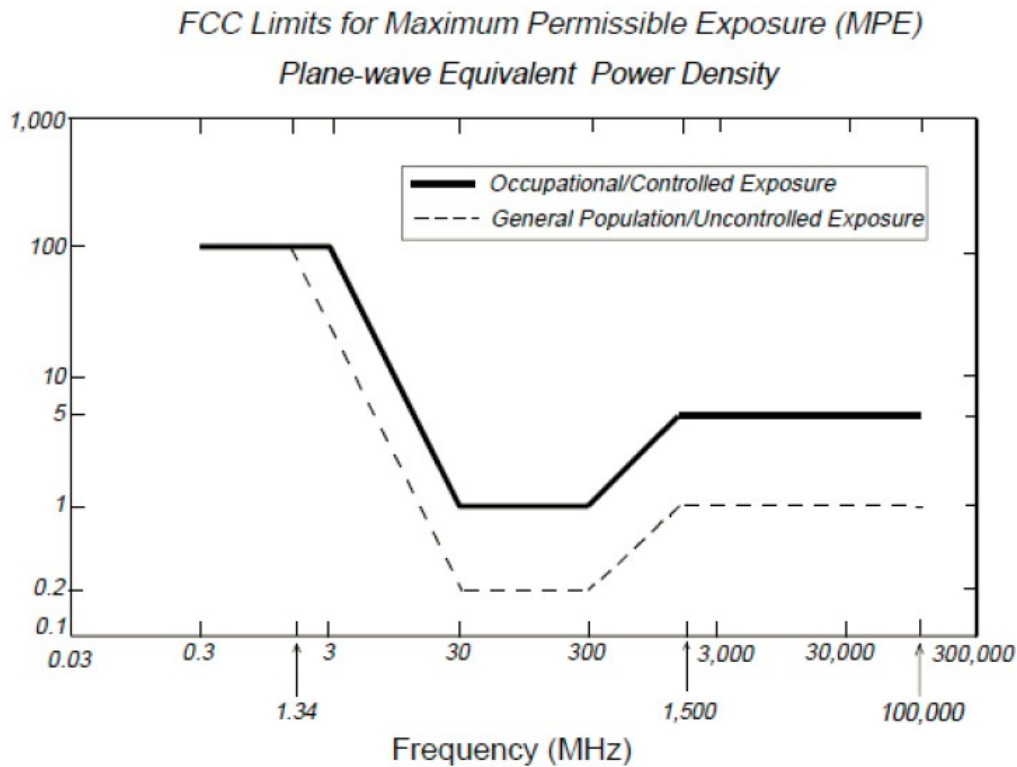
f = frequency in MHz *Plane-wave equivalent power density

Frequency Dependence of Effects

The FCC exposure limit is frequency dependent. The maximum permissible exposure (MPE) limits depend upon the frequency of the signal to which a person is exposed because the human body absorbs energy differently at some frequencies than at others. Since the body absorbs FM radio signals between 30 – 300 MHz more readily than 915 MHz, the MPE level for signals from a smart meter is set at a higher maximum than the MPE for signals from a FM transmitter. The Chart 1 below graphically illustrates this point.

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Chart 1: FCC EXPOSURE LIMITS RELATIVE TO TRANSMITTED FREQUENCY



Restating FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields, the maximum permissible exposure in the frequency range of 915 MHz is 0.61 milliwatts per square centimeter (0.61 mW/cm^2) as averaged during any 0.5-hour time period for general population/uncontrolled (30 minutes).

Conclusion

Based on the foregoing, it is determined that the signal values measured do not create a hazard to the general public who happen to be in the general vicinity of the meter. The test results were taken under normal conditions, which would replicate those that have been deployed. Considering the limited amount of actual signal transmission time and spread spectrum nature of the transmission, the low signal levels generated are conservative.

Should there be any questions or comments, please do not hesitate to contact us.

Instrument / Site

Meter		Probe		Correction Frequency
Model:	NBM-550	Model:	EF1891	Freq: 915 MHz
S/N:	B-0920	S/N:	G-0196	
Site			Coordinates	
BELCO – Horizontal Test			Latitude:	32.29774
			Longitude:	-64.79161

Comment
EME Testing at BELCO Site. Test Meter is the ITRON Centron® model. All measurements below PASS the FCC Standard for General Population.

Measured Values

History: Period 0h 37' 58", Interval 18s

<u>Index</u>	<u>Date/time</u>	<u>Zero</u>	<u>Max (E-Field)</u>	<u>Avg (E-Field)</u>	<u>Min (E-Field)</u>
127	06/14/2018 10:05:11 AM		59.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
126	06/14/2018 10:05:01 AM		62.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
125	06/14/2018 10:04:43 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
124	06/14/2018 10:04:25 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
123	06/14/2018 10:04:07 AM		2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
122	06/14/2018 10:03:49 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
121	06/14/2018 10:03:31 AM		15.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
120	06/14/2018 10:03:13 AM		227.0 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²
119	06/14/2018 10:02:55 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
118	06/14/2018 10:02:37 AM		12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
117	06/14/2018 10:02:19 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
116	06/14/2018 10:02:01 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
115	06/14/2018 10:01:43 AM		22.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
114	06/14/2018 10:01:25 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
113	06/14/2018 10:01:07 AM		67.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
112	06/14/2018 10:00:49 AM		3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
111	06/14/2018 10:00:31 AM		27.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
110	06/14/2018 10:00:13 AM		15.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
109	06/14/2018 09:59:55 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
108	06/14/2018 09:59:37 AM		8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
107	06/14/2018 09:59:19 AM		3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
106	06/14/2018 09:59:01 AM		19.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²

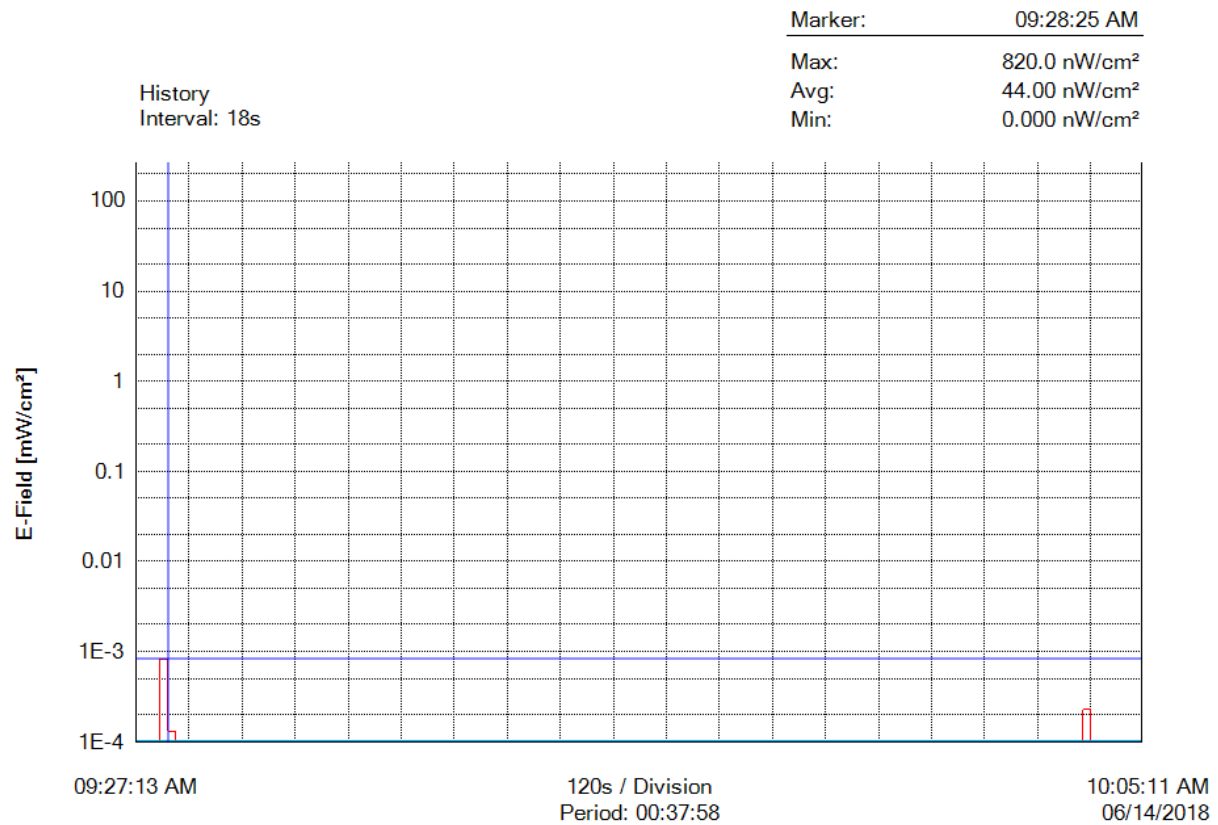
105	06/14/2018 09:58:43 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
104	06/14/2018 09:58:25 AM	20.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
103	06/14/2018 09:58:07 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
102	06/14/2018 09:57:49 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
101	06/14/2018 09:57:31 AM	40.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
100	06/14/2018 09:57:13 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
99	06/14/2018 09:56:55 AM	25.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
98	06/14/2018 09:56:37 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
97	06/14/2018 09:56:19 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
96	06/14/2018 09:56:01 AM	19.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
95	06/14/2018 09:55:43 AM	12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
94	06/14/2018 09:55:25 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
93	06/14/2018 09:55:07 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
92	06/14/2018 09:54:49 AM	34.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
91	06/14/2018 09:54:31 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
90	06/14/2018 09:54:13 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
89	06/14/2018 09:53:55 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
88	06/14/2018 09:53:37 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
87	06/14/2018 09:53:19 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
86	06/14/2018 09:53:01 AM	22.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
85	06/14/2018 09:52:43 AM	13.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
84	06/14/2018 09:52:25 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
83	06/14/2018 09:52:07 AM	5.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
82	06/14/2018 09:51:49 AM	37.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
81	06/14/2018 09:51:31 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
80	06/14/2018 09:51:13 AM	12.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
79	06/14/2018 09:50:55 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
78	06/14/2018 09:50:37 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²

77	06/14/2018 09:50:19 AM	20.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
76	06/14/2018 09:50:01 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
75	06/14/2018 09:49:43 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
74	06/14/2018 09:49:25 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
73	06/14/2018 09:49:07 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
72	06/14/2018 09:48:49 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
71	06/14/2018 09:48:31 AM	19.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
70	06/14/2018 09:48:13 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
69	06/14/2018 09:47:55 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
68	06/14/2018 09:47:37 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
67	06/14/2018 09:47:19 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
66	06/14/2018 09:47:01 AM	17.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
65	06/14/2018 09:46:43 AM	29.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
64	06/14/2018 09:46:25 AM	13.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
63	06/14/2018 09:46:07 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
62	06/14/2018 09:45:49 AM	12.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
61	06/14/2018 09:45:31 AM	8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
60	06/14/2018 09:45:13 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
59	06/14/2018 09:44:55 AM	37.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
58	06/14/2018 09:44:37 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
57	06/14/2018 09:44:19 AM	15.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
56	06/14/2018 09:44:01 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
55	06/14/2018 09:43:43 AM	12.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
54	06/14/2018 09:43:25 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
53	06/14/2018 09:43:07 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
52	06/14/2018 09:42:49 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
51	06/14/2018 09:42:31 AM	27.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
50	06/14/2018 09:42:13 AM	27.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²

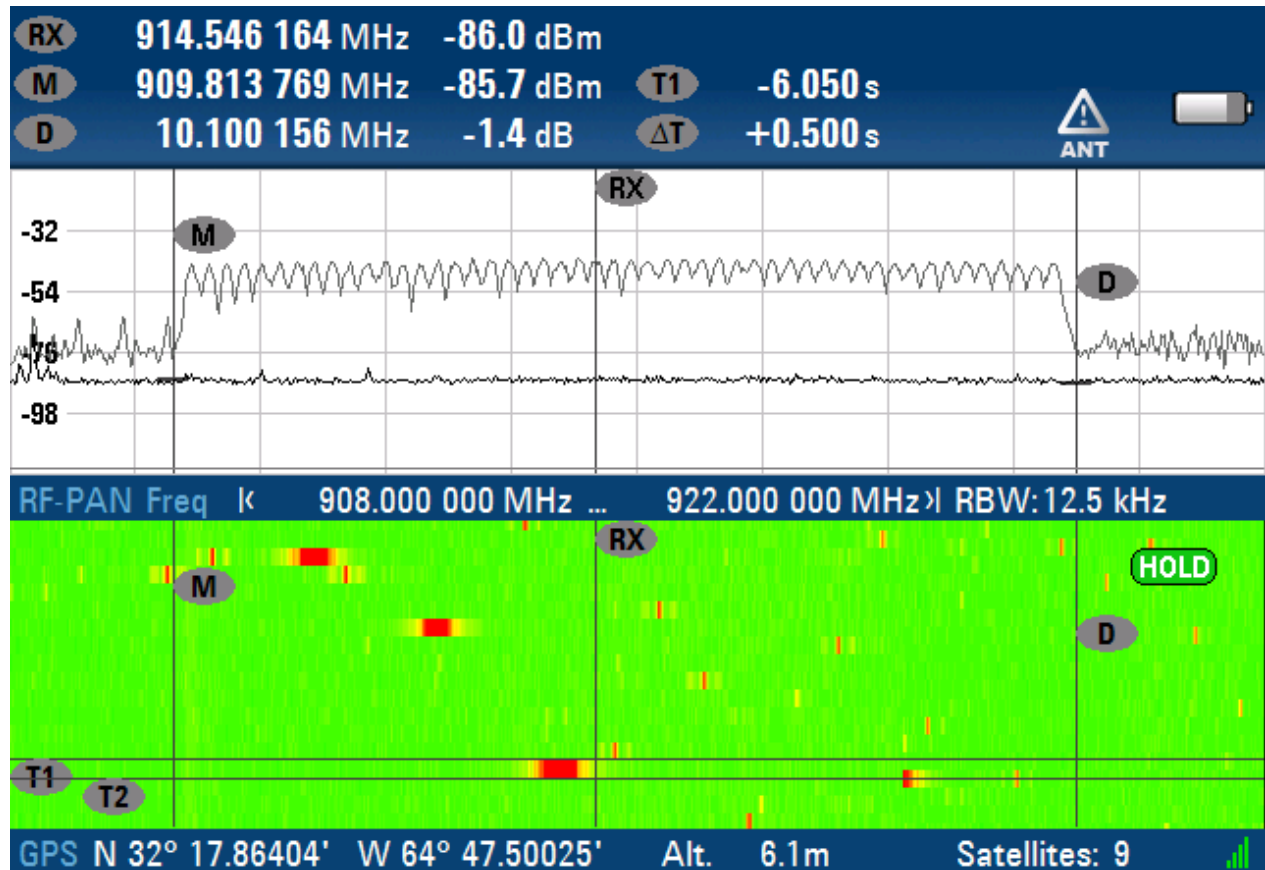
49	06/14/2018 09:41:55 AM	13.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
48	06/14/2018 09:41:37 AM	12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
47	06/14/2018 09:41:19 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
46	06/14/2018 09:41:01 AM	17.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
45	06/14/2018 09:40:43 AM	27.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
44	06/14/2018 09:40:25 AM	22.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
43	06/14/2018 09:40:07 AM	8.000 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
42	06/14/2018 09:39:49 AM	20.00 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²
41	06/14/2018 09:39:31 AM	19.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
40	06/14/2018 09:39:13 AM	10.000 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
39	06/14/2018 09:38:55 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
38	06/14/2018 09:38:37 AM	17.00 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²
37	06/14/2018 09:38:19 AM	30.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
36	06/14/2018 09:38:01 AM	13.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
35	06/14/2018 09:37:43 AM	32.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
34	06/14/2018 09:37:25 AM	8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
33	06/14/2018 09:37:07 AM	8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
32	06/14/2018 09:36:49 AM	5.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
31	06/14/2018 09:36:31 AM	17.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
30	06/14/2018 09:36:13 AM	12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
29	06/14/2018 09:35:55 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
28	06/14/2018 09:35:37 AM	13.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
27	06/14/2018 09:35:19 AM	19.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
26	06/14/2018 09:35:01 AM	66.00 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²
25	06/14/2018 09:34:43 AM	29.00 nW/cm ²	5.000 nW/cm ²	0.000 nW/cm ²
24	06/14/2018 09:34:25 AM	30.00 nW/cm ²	6.000 nW/cm ²	0.000 nW/cm ²
23	06/14/2018 09:34:07 AM	20.00 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²
22	06/14/2018 09:33:49 AM	39.00 nW/cm ²	4.000 nW/cm ²	0.000 nW/cm ²

21	06/14/2018 09:33:31 AM	35.00 nW/cm ²	4.000 nW/cm ²	0.000 nW/cm ²
20	06/14/2018 09:33:13 AM	24.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
19	06/14/2018 09:32:55 AM	24.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
18	06/14/2018 09:32:37 AM	20.00 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²
17	06/14/2018 09:32:19 AM	44.00 nW/cm ²	7.000 nW/cm ²	0.000 nW/cm ²
16	06/14/2018 09:32:01 AM	64.00 nW/cm ²	11.00 nW/cm ²	0.000 nW/cm ²
15	06/14/2018 09:31:43 AM	39.00 nW/cm ²	8.000 nW/cm ²	0.000 nW/cm ²
14	06/14/2018 09:31:25 AM	24.00 nW/cm ²	4.000 nW/cm ²	0.000 nW/cm ²
13	06/14/2018 09:31:07 AM	45.00 nW/cm ²	13.00 nW/cm ²	0.000 nW/cm ²
12	06/14/2018 09:30:49 AM	98.00 nW/cm ²	9.000 nW/cm ²	0.000 nW/cm ²
11	06/14/2018 09:30:31 AM	76.00 nW/cm ²	10.000 nW/cm ²	0.000 nW/cm ²
10	06/14/2018 09:30:13 AM	39.00 nW/cm ²	11.00 nW/cm ²	0.000 nW/cm ²
9	06/14/2018 09:29:55 AM	40.00 nW/cm ²	9.000 nW/cm ²	0.000 nW/cm ²
8	06/14/2018 09:29:37 AM	39.00 nW/cm ²	12.00 nW/cm ²	0.000 nW/cm ²
7	06/14/2018 09:29:19 AM	98.00 nW/cm ²	25.00 nW/cm ²	0.000 nW/cm ²
6	06/14/2018 09:29:01 AM	59.00 nW/cm ²	23.00 nW/cm ²	0.000 nW/cm ²
5	06/14/2018 09:28:43 AM	131.0 nW/cm ²	27.00 nW/cm ²	0.000 nW/cm ²
4	06/14/2018 09:28:25 AM	820.0 nW/cm ²	44.00 nW/cm ²	0.000 nW/cm ²
3	06/14/2018 09:28:07 AM	54.00 nW/cm ²	22.00 nW/cm ²	0.000 nW/cm ²
2	06/14/2018 09:27:49 AM	87.00 nW/cm ²	26.00 nW/cm ²	0.000 nW/cm ²
1	06/14/2018 09:27:31 AM !	50.00 nW/cm ²	15.00 nW/cm ²	0.000 nW/cm ²

Graph



Spectrum Analysis



Images



Instrument / Site

Meter		Probe		Correction Frequency
Model:	NBM-550	Model:	EF1891	Freq: 915 MHz
S/N:	B-0920	S/N:	G-0196	
Site			Coordinates	
BELCO – Horizontal Test			Latitude:	32.29773
			Longitude:	-64.79171

Comment
EME Testing at BELCO Site. Test Meter is the ITRON Centron® model. All measurements below PASS the FCC Standard for General Population.

Measured Values

History: Period 0h 59' 42", Interval 18s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
200	06/14/2018 10:39:13 AM		8.000 nW/cm ²	4.000 nW/cm ²	0.000 nW/cm ²
199	06/14/2018 10:39:12 AM		32.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
198	06/14/2018 10:38:54 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
197	06/14/2018 10:38:36 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
196	06/14/2018 10:38:18 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
195	06/14/2018 10:38:00 AM		2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
194	06/14/2018 10:37:42 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
193	06/14/2018 10:37:24 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
192	06/14/2018 10:37:06 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
191	06/14/2018 10:36:48 AM		7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
190	06/14/2018 10:36:30 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
189	06/14/2018 10:36:12 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
188	06/14/2018 10:35:54 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
187	06/14/2018 10:35:36 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
186	06/14/2018 10:35:18 AM		50.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
185	06/14/2018 10:35:00 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
184	06/14/2018 10:34:42 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
183	06/14/2018 10:34:24 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
182	06/14/2018 10:34:06 AM		69.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
181	06/14/2018 10:33:48 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
180	06/14/2018 10:33:30 AM		56.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
179	06/14/2018 10:33:12 AM		0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²

178	06/14/2018 10:32:54 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
177	06/14/2018 10:32:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
176	06/14/2018 10:32:18 AM	25.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
175	06/14/2018 10:32:00 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
174	06/14/2018 10:31:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
173	06/14/2018 10:31:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
172	06/14/2018 10:31:06 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
171	06/14/2018 10:30:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
170	06/14/2018 10:30:30 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
169	06/14/2018 10:30:12 AM	32.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
168	06/14/2018 10:29:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
167	06/14/2018 10:29:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
166	06/14/2018 10:29:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
165	06/14/2018 10:29:00 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
164	06/14/2018 10:28:42 AM	13.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
163	06/14/2018 10:28:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
162	06/14/2018 10:28:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
161	06/14/2018 10:27:48 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
160	06/14/2018 10:27:30 AM	37.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
159	06/14/2018 10:27:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
158	06/14/2018 10:26:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
157	06/14/2018 10:26:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
156	06/14/2018 10:26:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
155	06/14/2018 10:26:00 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
154	06/14/2018 10:25:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
153	06/14/2018 10:25:24 AM	67.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
152	06/14/2018 10:25:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
151	06/14/2018 10:24:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²

150	06/14/2018 10:24:30 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
149	06/14/2018 10:24:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
148	06/14/2018 10:23:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
147	06/14/2018 10:23:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
146	06/14/2018 10:23:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
145	06/14/2018 10:23:00 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
144	06/14/2018 10:22:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
143	06/14/2018 10:22:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
142	06/14/2018 10:22:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
141	06/14/2018 10:21:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
140	06/14/2018 10:21:30 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
139	06/14/2018 10:21:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
138	06/14/2018 10:20:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
137	06/14/2018 10:20:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
136	06/14/2018 10:20:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
135	06/14/2018 10:20:00 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
134	06/14/2018 10:19:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
133	06/14/2018 10:19:24 AM	24.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
132	06/14/2018 10:19:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
131	06/14/2018 10:18:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
130	06/14/2018 10:18:30 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
129	06/14/2018 10:18:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
128	06/14/2018 10:17:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
127	06/14/2018 10:17:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
126	06/14/2018 10:17:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
125	06/14/2018 10:17:00 AM	5.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
124	06/14/2018 10:16:42 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
123	06/14/2018 10:16:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²

122	06/14/2018 10:16:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
121	06/14/2018 10:15:48 AM	15.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
120	06/14/2018 10:15:30 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
119	06/14/2018 10:15:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
118	06/14/2018 10:14:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
117	06/14/2018 10:14:36 AM	42.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
116	06/14/2018 10:14:18 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
115	06/14/2018 10:14:00 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
114	06/14/2018 10:13:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
113	06/14/2018 10:13:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
112	06/14/2018 10:13:06 AM	24.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
111	06/14/2018 10:12:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
110	06/14/2018 10:12:30 AM	8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
109	06/14/2018 10:12:12 AM	25.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
108	06/14/2018 10:11:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
107	06/14/2018 10:11:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
106	06/14/2018 10:11:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
105	06/14/2018 10:11:00 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
104	06/14/2018 10:10:42 AM	27.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
103	06/14/2018 10:10:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
102	06/14/2018 10:10:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
101	06/14/2018 10:09:48 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
100	06/14/2018 10:09:30 AM	13.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
99	06/14/2018 10:09:12 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
98	06/14/2018 10:08:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
97	06/14/2018 10:08:36 AM	377.0 nW/cm ²	10.000 nW/cm ²	0.000 nW/cm ²
96	06/14/2018 10:08:18 AM	608.0 nW/cm ²	62.00 nW/cm ²	0.000 nW/cm ²
95	06/14/2018 10:08:00 AM	389.0 nW/cm ²	13.00 nW/cm ²	0.000 nW/cm ²

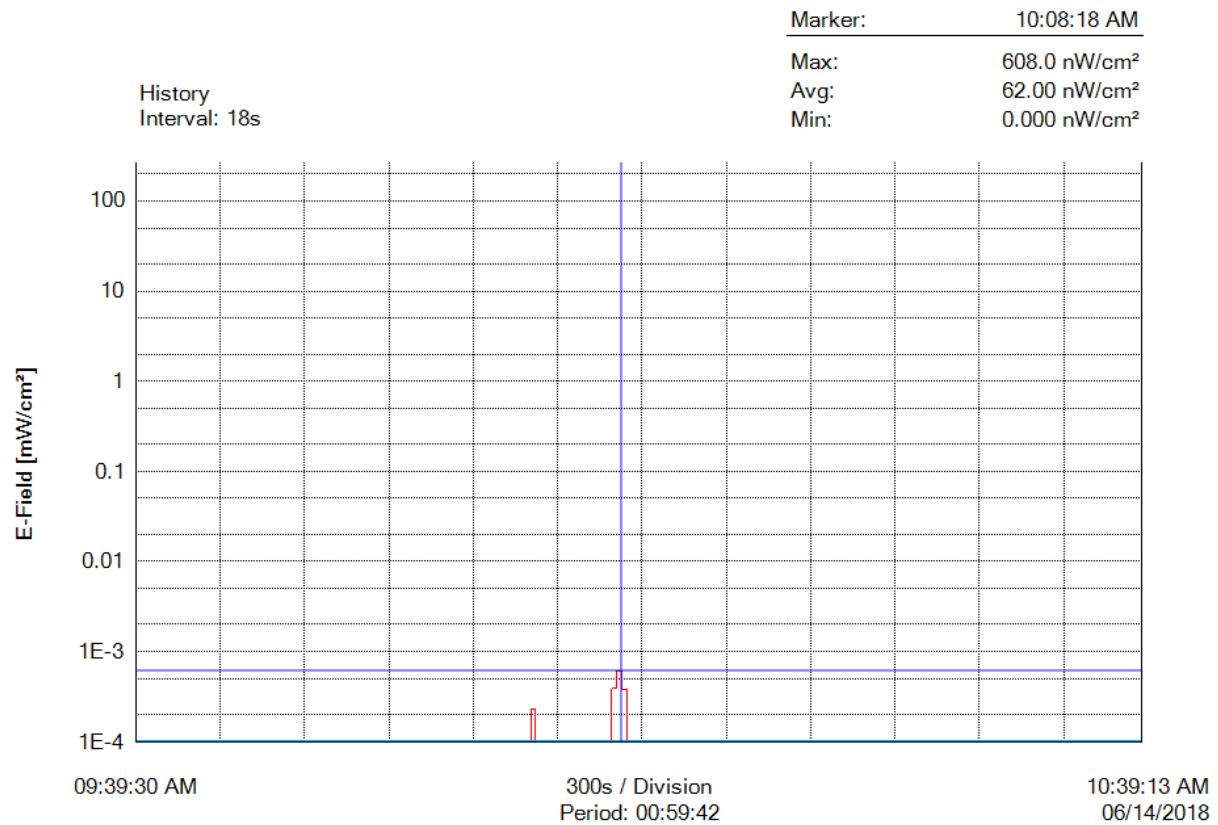
94	06/14/2018 10:07:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
93	06/14/2018 10:07:24 AM	8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
92	06/14/2018 10:07:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
91	06/14/2018 10:06:48 AM	12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
90	06/14/2018 10:06:30 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
89	06/14/2018 10:06:12 AM	24.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
88	06/14/2018 10:05:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
87	06/14/2018 10:05:36 AM	17.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
86	06/14/2018 10:05:18 AM	59.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
85	06/14/2018 10:05:00 AM	62.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
84	06/14/2018 10:04:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
83	06/14/2018 10:04:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
82	06/14/2018 10:04:06 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
81	06/14/2018 10:03:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
80	06/14/2018 10:03:30 AM	15.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
79	06/14/2018 10:03:12 AM	227.0 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²
78	06/14/2018 10:02:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
77	06/14/2018 10:02:36 AM	12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
76	06/14/2018 10:02:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
75	06/14/2018 10:02:00 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
74	06/14/2018 10:01:42 AM	22.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
73	06/14/2018 10:01:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
72	06/14/2018 10:01:06 AM	67.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
71	06/14/2018 10:00:48 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
70	06/14/2018 10:00:30 AM	27.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
69	06/14/2018 10:00:12 AM	15.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
68	06/14/2018 09:59:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
67	06/14/2018 09:59:36 AM	8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²

66	06/14/2018 09:59:18 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
65	06/14/2018 09:59:00 AM	19.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
64	06/14/2018 09:58:42 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
63	06/14/2018 09:58:24 AM	20.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
62	06/14/2018 09:58:06 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
61	06/14/2018 09:57:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
60	06/14/2018 09:57:30 AM	40.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
59	06/14/2018 09:57:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
58	06/14/2018 09:56:54 AM	25.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
57	06/14/2018 09:56:36 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
56	06/14/2018 09:56:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
55	06/14/2018 09:56:00 AM	19.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
54	06/14/2018 09:55:42 AM	12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
53	06/14/2018 09:55:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
52	06/14/2018 09:55:06 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
51	06/14/2018 09:54:48 AM	34.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
50	06/14/2018 09:54:30 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
49	06/14/2018 09:54:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
48	06/14/2018 09:53:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
47	06/14/2018 09:53:36 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
46	06/14/2018 09:53:18 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
45	06/14/2018 09:53:00 AM	22.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
44	06/14/2018 09:52:42 AM	13.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
43	06/14/2018 09:52:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
42	06/14/2018 09:52:06 AM	5.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
41	06/14/2018 09:51:48 AM	37.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
40	06/14/2018 09:51:30 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
39	06/14/2018 09:51:12 AM	12.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²

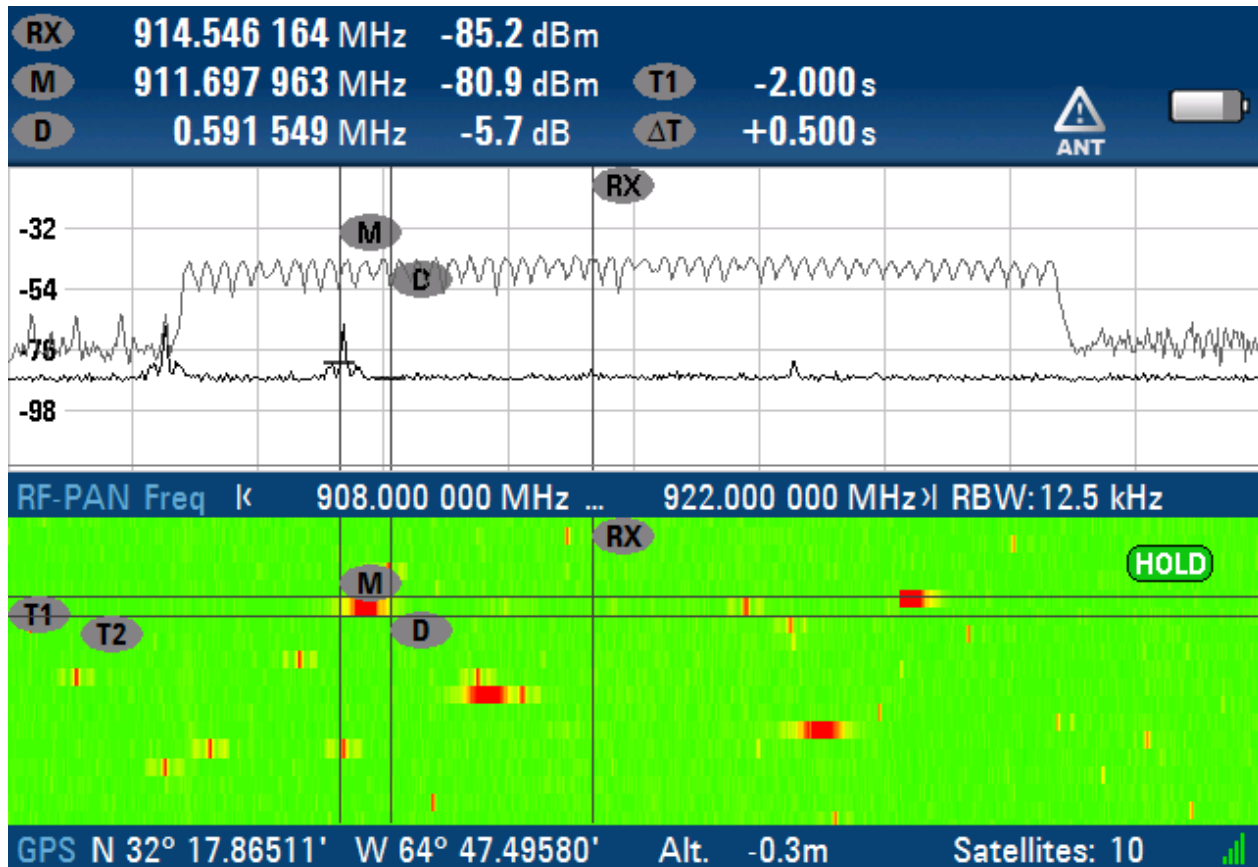
38	06/14/2018 09:50:54 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
37	06/14/2018 09:50:36 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
36	06/14/2018 09:50:18 AM	20.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
35	06/14/2018 09:50:00 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
34	06/14/2018 09:49:42 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
33	06/14/2018 09:49:24 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
32	06/14/2018 09:49:06 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
31	06/14/2018 09:48:48 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
30	06/14/2018 09:48:30 AM	19.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
29	06/14/2018 09:48:12 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
28	06/14/2018 09:47:54 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
27	06/14/2018 09:47:36 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
26	06/14/2018 09:47:18 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
25	06/14/2018 09:47:00 AM	17.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
24	06/14/2018 09:46:42 AM	29.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
23	06/14/2018 09:46:24 AM	13.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
22	06/14/2018 09:46:06 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
21	06/14/2018 09:45:48 AM	12.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
20	06/14/2018 09:45:30 AM	8.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
19	06/14/2018 09:45:12 AM	2.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
18	06/14/2018 09:44:54 AM	37.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
17	06/14/2018 09:44:36 AM	10.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
16	06/14/2018 09:44:18 AM	15.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
15	06/14/2018 09:44:00 AM	3.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
14	06/14/2018 09:43:42 AM	12.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
13	06/14/2018 09:43:24 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
12	06/14/2018 09:43:06 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
11	06/14/2018 09:42:48 AM	0.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²

10	06/14/2018 09:42:30 AM	27.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
9	06/14/2018 09:42:12 AM	27.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
8	06/14/2018 09:41:54 AM	13.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
7	06/14/2018 09:41:36 AM	12.00 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
6	06/14/2018 09:41:18 AM	7.000 nW/cm ²	0.000 nW/cm ²	0.000 nW/cm ²
5	06/14/2018 09:41:00 AM	17.00 nW/cm ²	2.000 nW/cm ²	0.000 nW/cm ²
4	06/14/2018 09:40:42 AM	27.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
3	06/14/2018 09:40:24 AM	22.00 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
2	06/14/2018 09:40:06 AM	8.000 nW/cm ²	1.000 nW/cm ²	0.000 nW/cm ²
1	06/14/2018 09:39:48 AM	20.00 nW/cm ²	3.000 nW/cm ²	0.000 nW/cm ²

Graph



Spectrum Analysis



Images

