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Test Report

Report No.: MTi240723018-04E4

Date of issue: 2024-09-21

Applicant: Dongguan Yucheng Communication Technology Co., Ltd.

Product name: AutoLTbx

Model(s): YUC100-U2W, YUC100-A15W, YUC100-U2A, YUC100-U2AC, YUC100-O2W, YUC100-C2A, YUC100-C2CA

FCC ID: 2BLKI-AUTOLTBX

Shenzhen Microtest Co., Ltd.

http://www.mtitest.cn

The test report is only used for customer scientific research, teaching, internal quality control and other purposes, and is for internal reference only.

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2. The test results in this test report are only responsible for the samples submitted

3. This test report is invalid without the seal and signature of the laboratory.

4. This test report is invalid if transferred, altered, or tampered with in any form without authorization.

5. Any objection to this test report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

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Test Result Certification	
Applicant:	Dongguan Yucheng Communication Technology Co., Ltd.
Address:	Room 203, No. 69 Huaxing Road, Tianxin Community, Qiaotou Town, Dongguan City, Guangdong Province
Manufacturer:	Dongguan Yucheng Communication Technology Co., Ltd.
Address:	Room 203, No. 69 Huaxing Road, Tianxin Community, Qiaotou Town, Dongguan City, Guangdong Province
Product description	
Product name:	AutoLTbx
Trade mark:	N/A
Model name:	YUC100-U2W
Series Model(s):	YUC100-A15W, YUC100-U2A, YUC100-U2AC, YUC100-O2W, YUC100-C2A, YUC100-C2CA
Standards:	47 CFR Part 15E
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 ANSI C63.10-2013 KDB 662911 D01 Multiple Transmitter Output v02r01
Date of Test	
Date of test:	2024-09-02 to 2024-09-20
Test result:	Pass

Test Engineer	:	Letter. Lan.
		(Letter Lan)
Reviewed By	:	David. Lee
		(David Lee)
Approved By	:	Leon chen
		(Leon Chen)

1 General Description

1.1 Description of the EUT

Product name:	AutoLTbx
Model name:	YUC100-U2W
Series Model(s):	YUC100-A15W, YUC100-U2A, YUC100-U2AC, YUC100-O2W, YUC100-C2A, YUC100-C2CA
Model difference:	All the models are the same circuit and module, except the model name and color.
Electrical rating:	Input: DC 5V/1A Output: DC 5V/0.5A
Accessories:	Cable: USB-A to Type-C cable (0.2m)*1
Hardware version:	YUC100-V05
Software version:	U2W_CHP_2024.03.21.1830
Test sample(s) number:	MTi240723018-04S1001
RF specification	
Operating frequency range:	U-NII-1: 5150 MHz to 5250 MHz U-NII-3: 5725 MHz to 5850 MHz
Modulation type:	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM);
Antenna(s) type:	PCB
Antenna(s) gain:	5G: ANT1:0.46dBi; ANT2: 2.02dBi; Directional gain: 2.02dBi, uncorrelated antenna. 5.8G: ANT1:1.16dBi; ANT2: 1.81dBi; Directional gain: 1.81dBi, uncorrelated antenna.

1.2 Description of test modes

No.	Emission test modes
Mode1	802.11a mode
Mode2	802.11n20 mode
Mode3	802.11n40 mode
Mode4	802.11ac20 mode
Mode5	802.11ac40 mode
Mode6	802.11ac80 mode
Mode7	802.11n20 mode MIMO
Mode8	802.11n40 mode MIMO
Mode9	802.11ac20 mode MIMO
Mode10	802.11ac40 mode MIMO
Mode11	802.11ac80 mode MIMO

1.2.1 Operation channel list

U-NII Band 1

Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	/	/
44	5220	/	/	/	/
48	5240	/	/	/	/

U-NII Band 3

Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795	/	/
157	5785	/	/	/	/
161	5805	/	/	/	/

Test Channel List

Operation Band: 5150-5250 MHz

Bandwidth (MHz)	Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
20	5180	5200	5240
40	5190	/	5230
80	/	5210	/

Operation Band: 5725-5850 MHz

Bandwidth (MHz)	Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
20	5745	5785	5805
40	5755	/	5795
80	5775	/	5775

Note: The test software provided by manufacturer is used to control EUT for working in engineering mode, that enables selectable channel, and capable of continuous transmitting mode.

Note: Our products do not need to use 5825, which has been shielded by software

Test Software: Bluetooth RF Test Tool
For power setting, refer to below table.

Mode	LCH	MCH	HCH
802.11a	80	80	80
802.11n(HT20)	80	80	80
802.11n(HT40)	80	80	80
802.11ac(VHT20)	80	80	80
802.11ac(VHT40)	80	80	80
802.11ac(VHT80)	80	80	80
802.11n(HT20) MIMO	80	80	80
802.11n(HT40) MIMO	80	80	80
802.11ac(VHT20) MIMO	80	80	80
802.11ac(VHT40) MIMO	80	80	80
802.11ac(VHT80) MIMO	80	80	80

1.3 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C ~ 35°C
Humidity:	20% RH ~ 75% RH
Atmospheric pressure:	98 kPa ~ 101 kPa

1.4 Description of support units

Support equipment list			
Description	Model	Serial No.	Manufacturer
/	/	/	/
Support cable list			
Description	Length (m)	From	To
/	/	/	/

1.5 Measurement uncertainty

Measurement	Uncertainty
Time	±1 %
Occupied channel bandwidth	±3 %
RF output power, conducted	±1 dB
Power Spectral Density, conducted	±1 dB
Radiated spurious emissions (above 1GHz)	±5.3dB
Radiated spurious emissions (9kHz~30MHz)	±4.3dB
Radiated spurious emissions (30MHz~1GHz)	±4.7dB
Temperature	±1 °C
Humidity	± 5 %

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

2 Summary of Test Result

No.	Item	Standard	Requirement	Result
1	Antenna requirement	47 CFR Part 15E	Part 15.203	Pass
2	Duty Cycle	47 CFR Part 15E		Pass
3	Emission bandwidth and occupied bandwidth	47 CFR Part 15E	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use. 47 CFR Part 15.407(e)	Pass
4	Maximum conducted output power	47 CFR Part 15E	47 CFR Part 15.407(a)(1)(i) 47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)	Pass
5	Power spectral density	47 CFR Part 15E	47 CFR Part 15.407(a)(1)(i) 47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)	Pass
6	Band edge emissions (Radiated)	47 CFR Part 15E	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass
7	Undesirable emission limits (below 1GHz)	47 CFR Part 15E	47 CFR Part 15.407(b)(9)	Pass
8	Undesirable emission limits (above 1GHz)	47 CFR Part 15E	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass

Note: The device is a DC power supply and does not apply to conducted emissions.

3 Test Facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.
Test site location:	101, No.7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	(86-755)88850135
Fax:	(86-755)88850136
CNAS Registration No.:	CNAS L5868
FCC Registration No.:	448573
IC Registration No.:	21760
CABID:	CN0093

4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
Duty Cycle Emission bandwidth and occupied bandwidth Maximum conducted output power Power spectral density						
1	Wideband Radio Communication Tester	Rohde&schwarz	CMW500	149155	2024-03-20	2025-03-19
2	ESG Series Analog Ssignal Generator	Agilent	E4421B	GB40051240	2024-03-21	2025-03-20
3	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2024-03-21	2025-03-20
4	Synthesized Sweeper	Agilent	83752A	3610A01957	2024-03-21	2025-03-20
5	MXA Signal Analyzer	Agilent	N9020A	MY50143483	2024-03-21	2025-03-20
6	RF Control Unit	Tonscend	JS0806-1	19D8060152	2024-03-21	2025-03-20
7	Band Reject Filter Group	Tonscend	JS0806-F	19D8060160	2024-03-21	2025-03-20
8	ESG Vector Signal Generator	Agilent	N5182A	MY50143762	2024-03-20	2025-03-19
9	DC Power Supply	Agilent	E3632A	MY40027695	2024-03-21	2025-03-20
Band edge emissions (Radiated) Undesirable emission limits (above 1GHz)						
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2024-03-20	2025-03-19
2	Double Ridged Broadband Horn Antenna	schwarabeck	BBHA 9120 D	2278	2023-06-17	2025-06-16
3	Amplifier	Agilent	8449B	3008A01120	2024-03-20	2025-03-19
4	MXA signal analyzer	Agilent	N9020A	MY54440859	2024-03-21	2025-03-20
5	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2024-03-21	2025-03-20
6	Horn antenna	Schwarzbeck	BBHA 9170	00987	2023-06-17	2025-06-16
7	Pre-amplifier	Space-Dtronics	EWLAN1840 G	210405001	2024-03-21	2025-03-20
Undesirable emission limits (below 1GHz)						
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2024-03-20	2025-03-19
2	TRILOG Broadband Antenna	schwarabeck	VULB 9163	9163-1338	2023-06-11	2025-06-10
3	Active Loop Antenna	Schwarzbeck	FMZB 1519 B	00066	2024-03-23	2025-03-22
4	Amplifier	Hewlett-Packard	8447F	3113A06184	2024-03-20	2025-03-19

5 Evaluation Results (Evaluation)

5.1 Antenna requirement

Test Requirement:	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

6 Radio Spectrum Matter Test Results (RF)

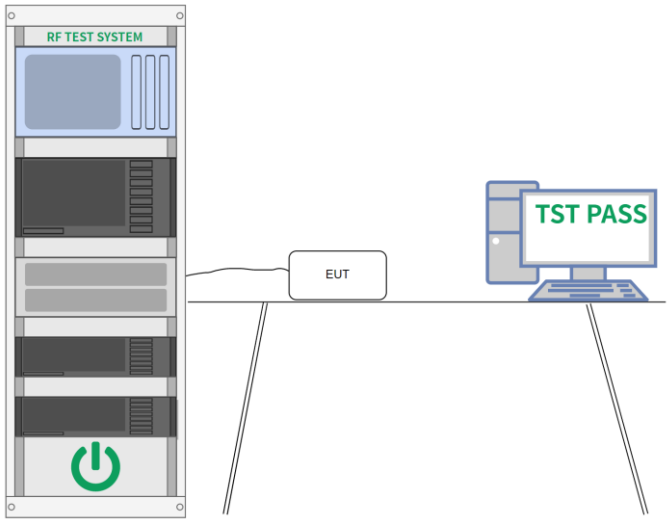
6.1 Duty Cycle

Test Requirement:	All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.
Test Limit:	No limits, only for report use.
Test Method:	ANSI C63.10-2013 section 12.2 (b)
Procedure:	i) Set the center frequency of the instrument to the center frequency of the transmission. ii) Set RBW >= EBW if possible; otherwise, set RBW to the largest available value. iii) Set VBW >= RBW. iv) Set detector = peak. v) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.

6.1.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.1 °C	Humidity:	42.3 %	Atmospheric Pressure:	99 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6				

6.1.2 Test Setup Diagram:



6.1.3 Test Data:

Please Refer to Appendix for Details.

6.2 Emission bandwidth and occupied bandwidth

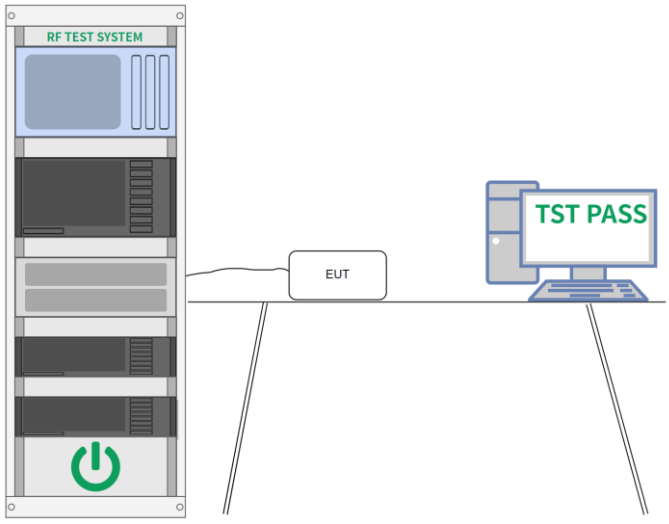
Test Requirement:	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use. U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
Test Limit:	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use. U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.
Test Method:	ANSI C63.10-2013, section 6.9 & 12.4 KDB 789033 D02, Clause C.2
Procedure:	Emission bandwidth: a) Set RBW = approximately 1% of the emission bandwidth. b) Set the VBW > RBW. c) Detector = peak. d) Trace mode = max hold. e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%. Occupied bandwidth: a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Step a) through step c) might require iteration to adjust within the specified range. e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used. f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the

	total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s). 6 dB emission bandwidth: a) Set RBW = 100 kHz. b) Set the video bandwidth (VBW) ≥ 3 >= RBW. c) Detector = Peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize. g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.1 °C	Humidity:	42.3 %	Atmospheric Pressure:	99 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6				

6.2.2 Test Setup Diagram:



6.2.3 Test Data:

Please Refer to Appendix for Details.

6.3 Maximum conducted output power

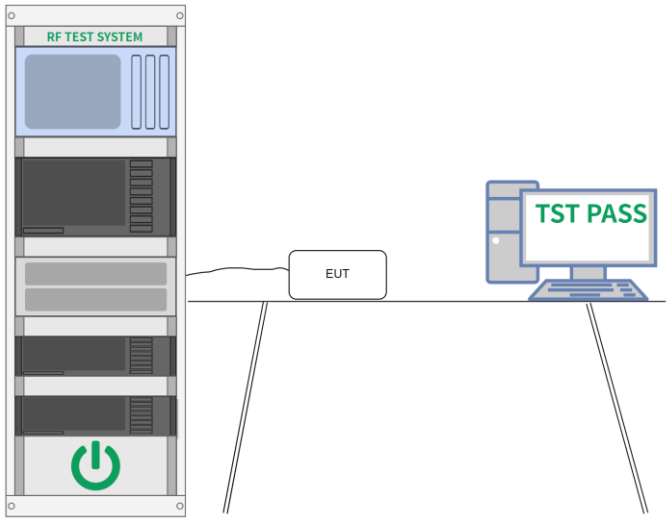
Test Requirement:	47 CFR Part 15.407(a)(1)(i) 47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
Test Limit:	For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm). For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems

	employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
Test Method:	ANSI C63.10-2013, section 12.3
Procedure:	Refer to ANSI C63.10-2013 section 12.3

6.3.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.1 °C	Humidity:	42.3 %	Atmospheric Pressure:	99 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11				

6.3.2 Test Setup Diagram:



6.3.3 Test Data:

Please Refer to Appendix for Details.

6.4 Power spectral density

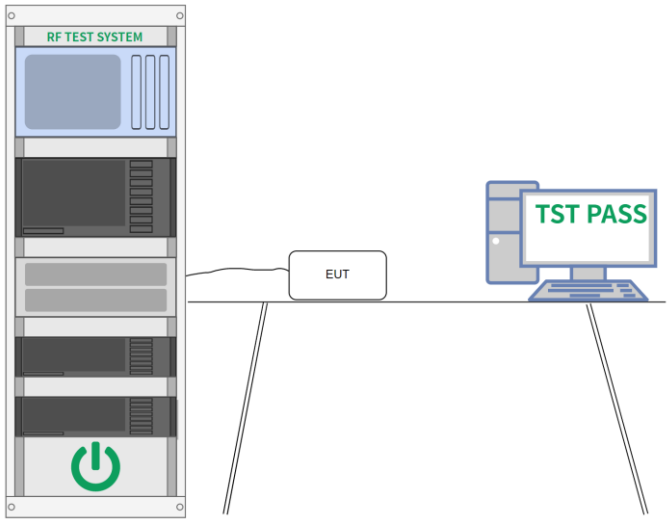
Test Requirement:	47 CFR Part 15.407(a)(1)(i) 47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
Test Limit:	For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations. For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.850 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
Test Method:	ANSI C63.10-2013, section 12.5

Procedure:	Refer to ANSI C63.10-2013, section 12.5

6.4.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.1 °C	Humidity:	42.3 %	Atmospheric Pressure:	99 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11				

6.4.2 Test Setup Diagram:



6.4.3 Test Data:

Please Refer to Appendix for Details.

6.5 Band edge emissions (Radiated)

Test Requirement:	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)
Test Limit:	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1] 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1] Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

[2] Above 38.6

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100 **	3
88-216	150 **	3
216-960	200 **	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.
In the emission table above, the tighter limit applies at the band edges.
The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

Test Method: ANSI C63.10-2013, section 12.7.4, 12.7.6, 12.7.7

Procedure:

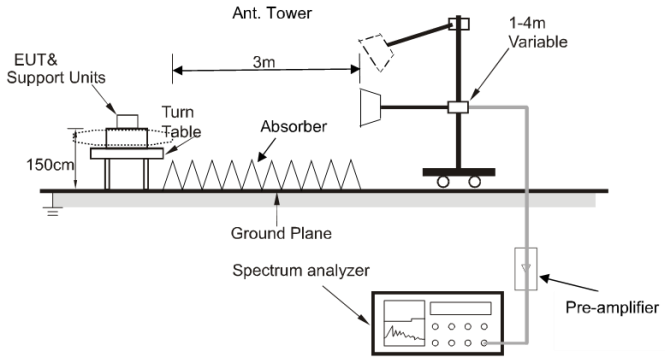
Above 1GHz:
a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
i. Repeat above procedures until all frequencies measured was complete.
Remark:
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength

	limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report. 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

6.5.1 E.U.T. Operation:

Operating Environment:					
Temperature:	24 °C	Humidity:	54 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11				
Final test mode:	Mode1, Mode7				

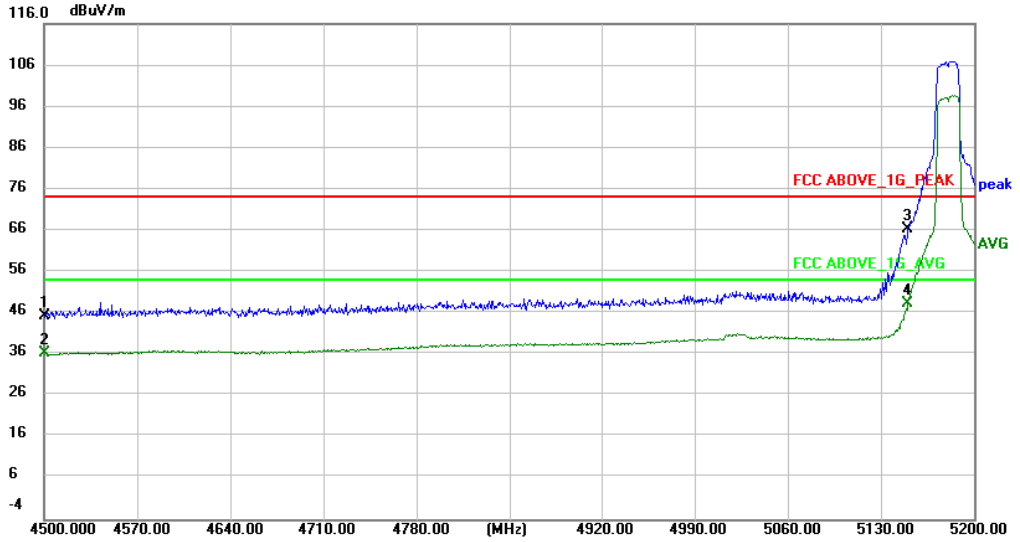
6.5.2 Test Setup Diagram:



Note: The antenna gain and cable loss is compensated in the test plot.

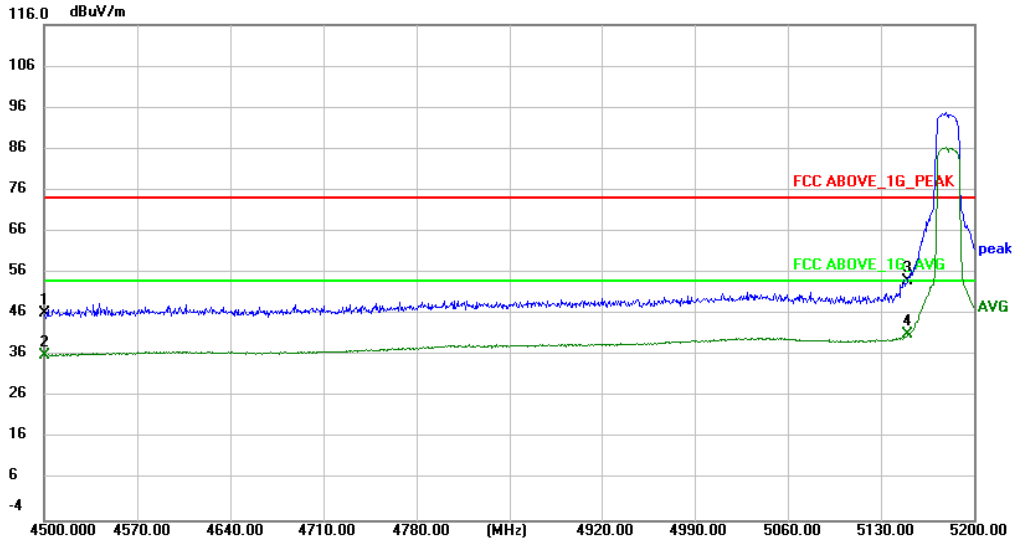
6.5.3 Test Data:
Band1 ANT1:

Mode1 / Polarization: Horizontal / CH: L



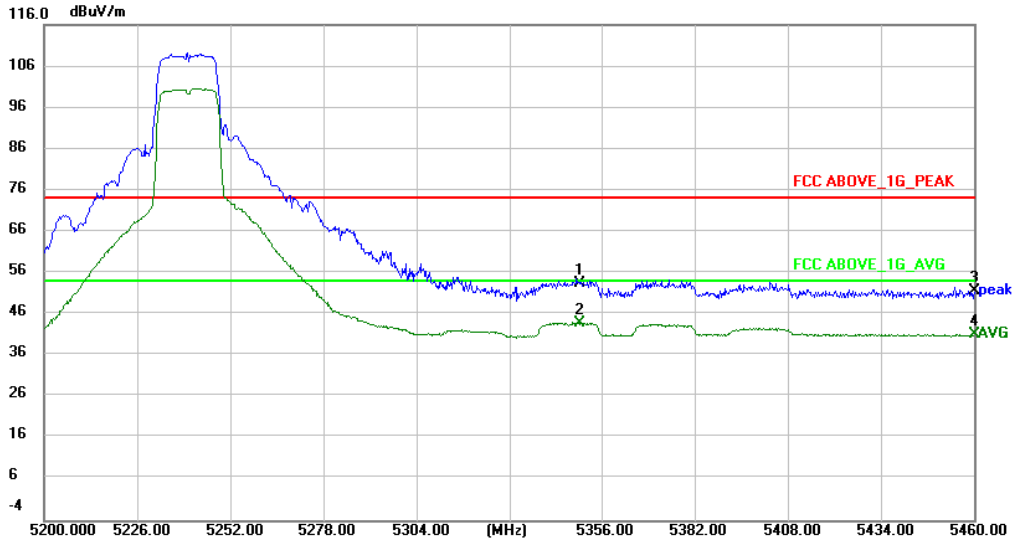
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.57	-1.08	45.49	74.00	-28.51	peak	
2		4500.000	37.30	-1.08	36.22	54.00	-17.78	AVG	
3		5150.000	64.45	1.85	66.30	74.00	-7.70	peak	
4	*	5150.000	46.36	1.85	48.21	54.00	-5.79	AVG	

Mode1 / Polarization: Vertical / CH: L



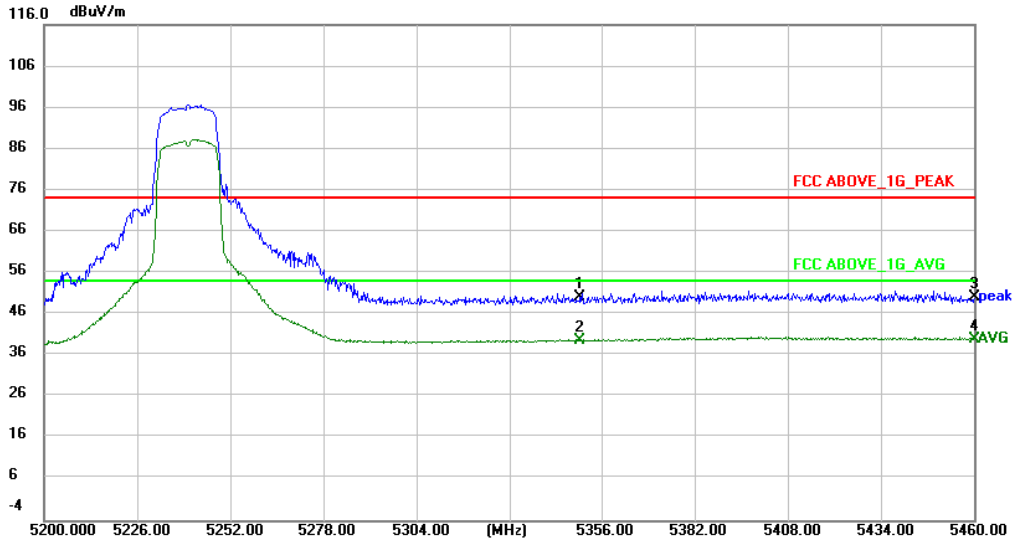
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.19	-1.08	46.11	74.00	-27.89	peak	
2		4500.000	37.15	-1.08	36.07	54.00	-17.93	AVG	
3		5150.000	52.24	1.85	54.09	74.00	-19.91	peak	
4	*	5150.000	39.16	1.85	41.01	54.00	-12.99	AVG	

Mode1 / Polarization: Horizontal / CH: H



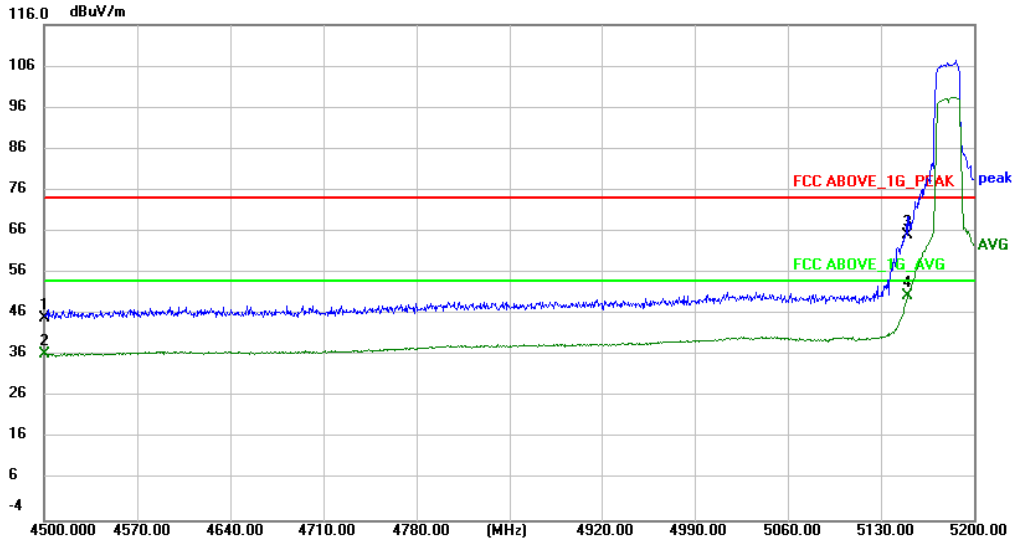
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	51.14	2.30	53.44	74.00	-20.56	peak	
2	*	5350.000	41.41	2.30	43.71	54.00	-10.29	AVG	
3		5460.000	49.35	2.24	51.59	74.00	-22.41	peak	
4		5460.000	38.90	2.24	41.14	54.00	-12.86	AVG	

Mode1 / Polarization: Vertical / CH: H



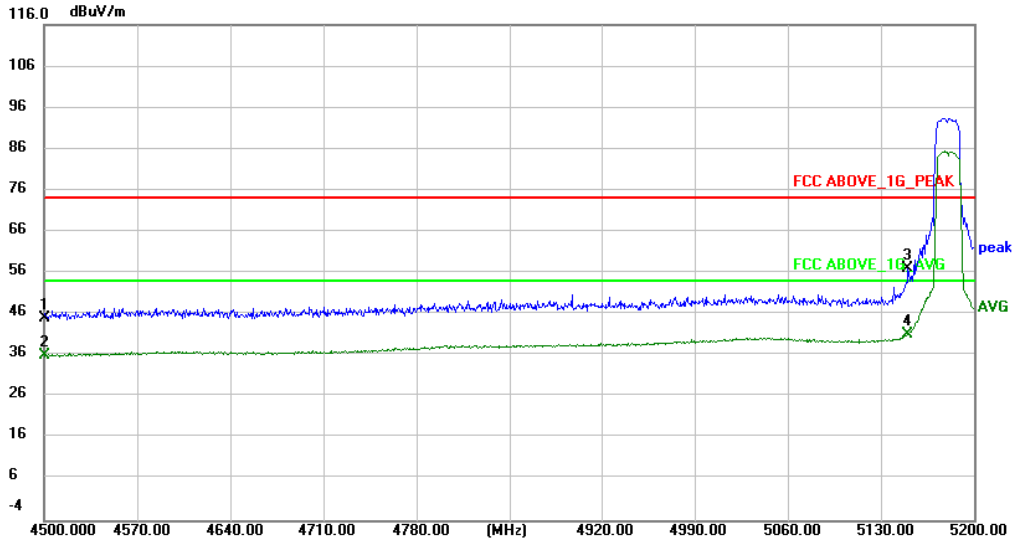
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.93	2.30	50.23	74.00	-23.77	peak	
2		5350.000	37.22	2.30	39.52	54.00	-14.48	AVG	
3		5460.000	47.91	2.24	50.15	74.00	-23.85	peak	
4	*	5460.000	37.65	2.24	39.89	54.00	-14.11	AVG	

Mode2 / Polarization: Horizontal / CH: L



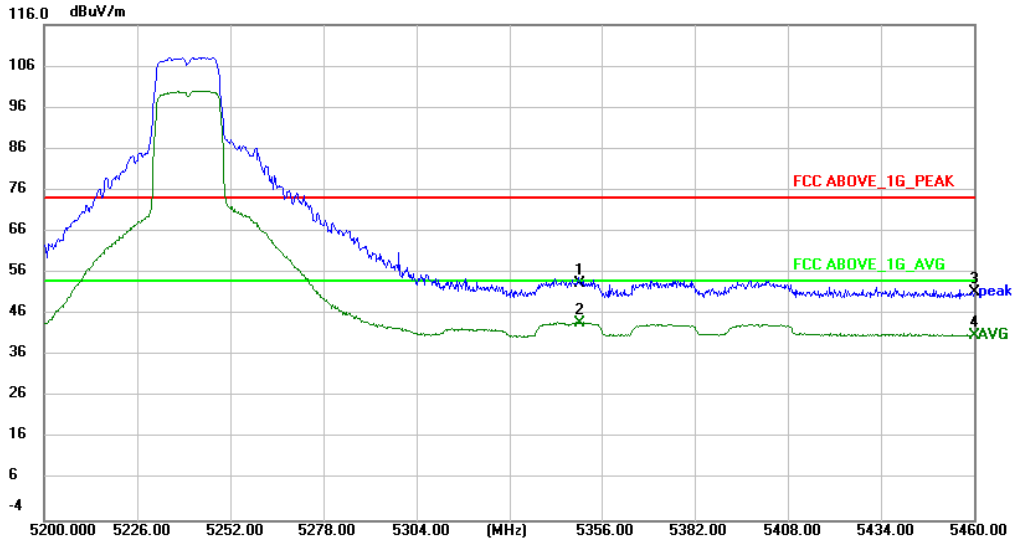
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.14	-1.08	45.06	74.00	-28.94	peak	
2		4500.000	37.28	-1.08	36.20	54.00	-17.80	AVG	
3		5150.000	63.36	1.85	65.21	74.00	-8.79	peak	
4	*	5150.000	48.70	1.85	50.55	54.00	-3.45	AVG	

Mode2 / Polarization: Vertical / CH: L



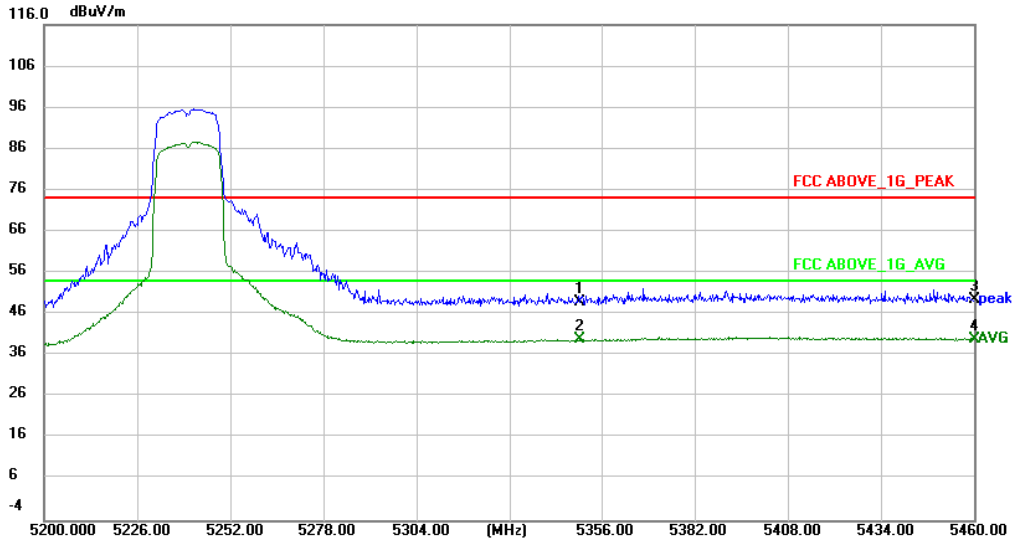
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.26	-1.08	45.18	74.00	-28.82	peak	
2		4500.000	37.18	-1.08	36.10	54.00	-17.90	AVG	
3		5150.000	55.13	1.85	56.98	74.00	-17.02	peak	
4	*	5150.000	39.42	1.85	41.27	54.00	-12.73	AVG	

Mode2 / Polarization: Horizontal / CH: H



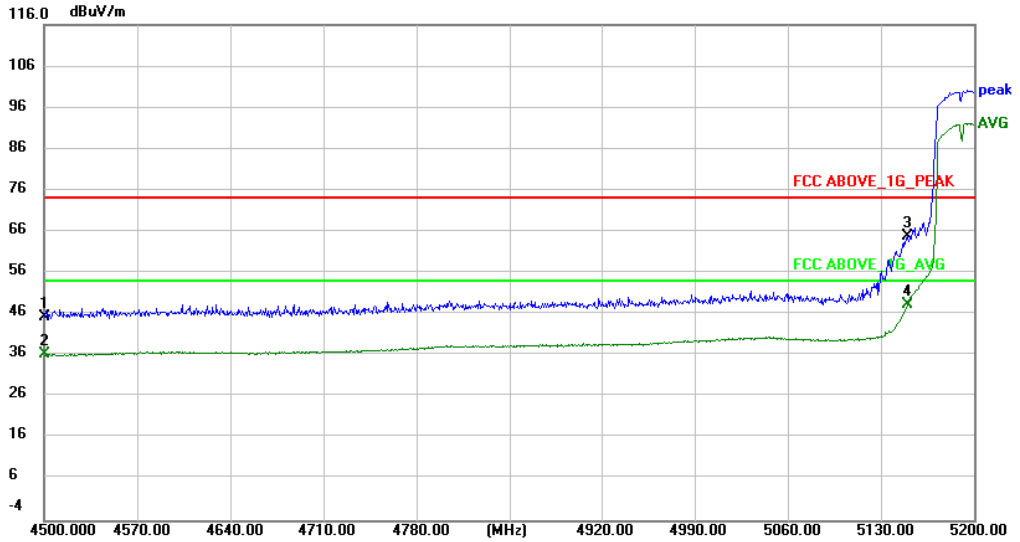
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	51.14	2.30	53.44	74.00	-20.56	peak	
2	*	5350.000	41.53	2.30	43.83	54.00	-10.17	AVG	
3		5460.000	49.11	2.24	51.35	74.00	-22.65	peak	
4		5460.000	38.55	2.24	40.79	54.00	-13.21	AVG	

Mode2 / Polarization: Vertical / CH: H



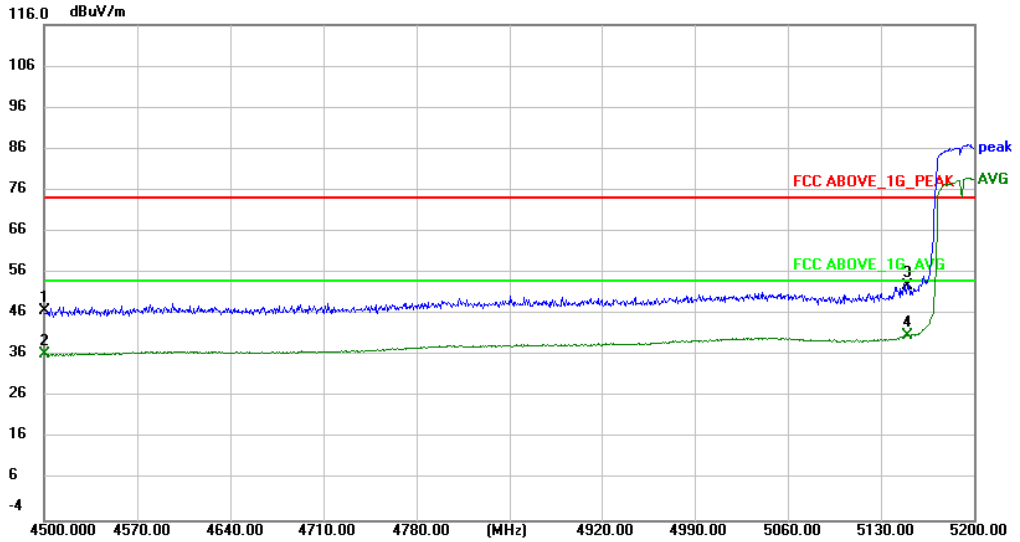
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	46.54	2.30	48.84	74.00	-25.16	peak	
2		5350.000	37.57	2.30	39.87	54.00	-14.13	AVG	
3		5460.000	47.19	2.24	49.43	74.00	-24.57	peak	
4	*	5460.000	37.82	2.24	40.06	54.00	-13.94	AVG	

Mode3 / Polarization: Horizontal / CH: L



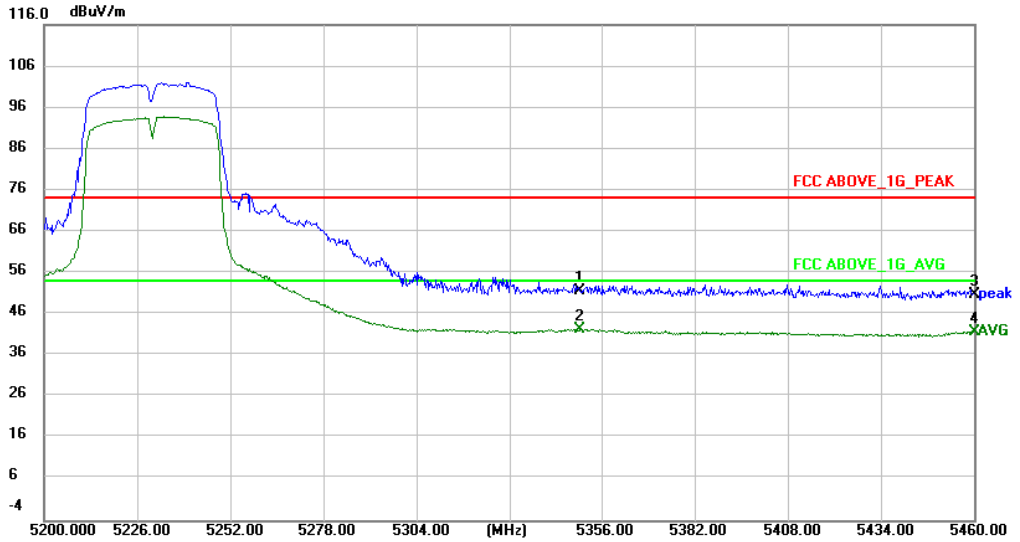
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.34	-1.08	45.26	74.00	-28.74	peak	
2		4500.000	37.39	-1.08	36.31	54.00	-17.69	AVG	
3		5150.000	63.11	1.85	64.96	74.00	-9.04	peak	
4	*	5150.000	46.44	1.85	48.29	54.00	-5.71	AVG	

Mode3 / Polarization: Vertical / CH: L



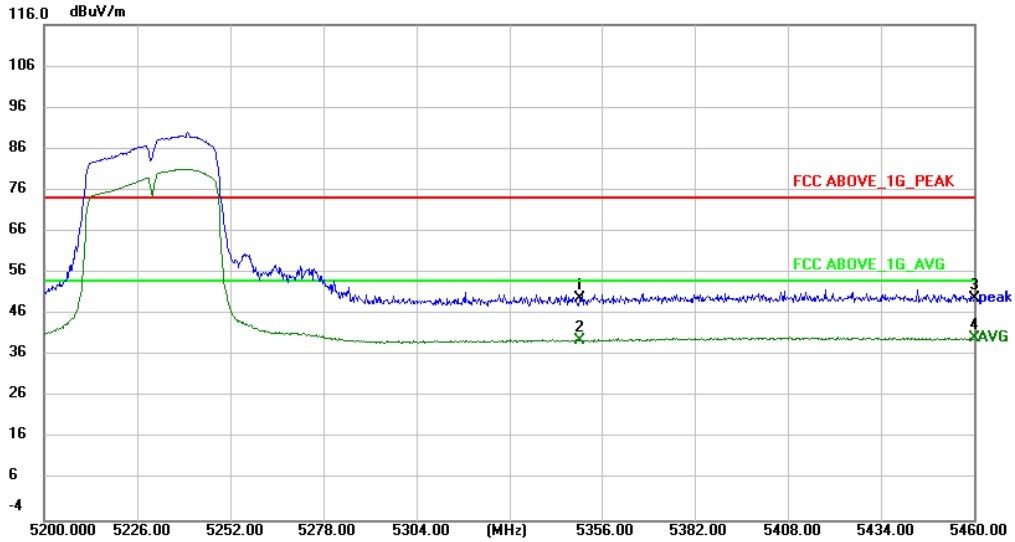
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.88	-1.08	46.80	74.00	-27.20	peak	
2		4500.000	37.39	-1.08	36.31	54.00	-17.69	AVG	
3		5150.000	51.10	1.85	52.95	74.00	-21.05	peak	
4	*	5150.000	38.93	1.85	40.78	54.00	-13.22	AVG	

Mode3 / Polarization: Horizontal / CH: H



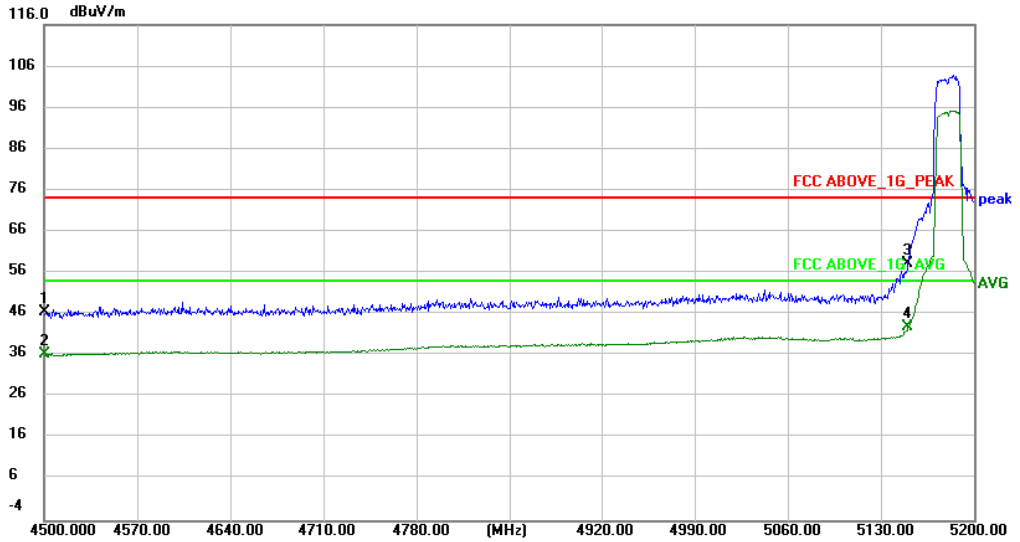
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	49.35	2.30	51.65	74.00	-22.35	peak	
2	*	5350.000	39.94	2.30	42.24	54.00	-11.76	AVG	
3		5460.000	48.57	2.24	50.81	74.00	-23.19	peak	
4		5460.000	39.55	2.24	41.79	54.00	-12.21	AVG	

Mode3 / Polarization: Vertical / CH: H



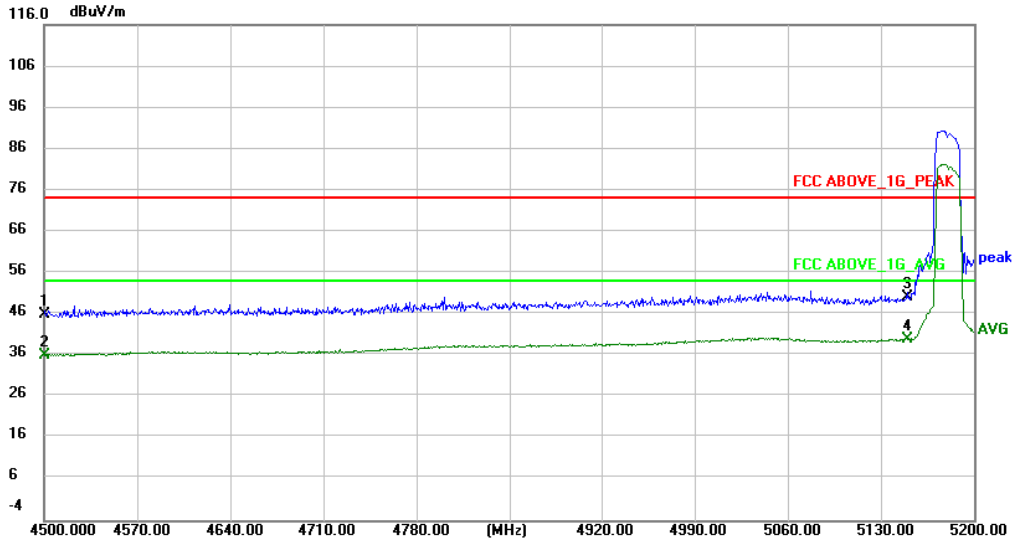
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.57	2.30	49.87	74.00	-24.13	peak	
2		5350.000	37.33	2.30	39.63	54.00	-14.37	AVG	
3		5460.000	47.71	2.24	49.95	74.00	-24.05	peak	
4	*	5460.000	37.94	2.24	40.18	54.00	-13.82	AVG	

Mode4 / Polarization: Horizontal / CH: L



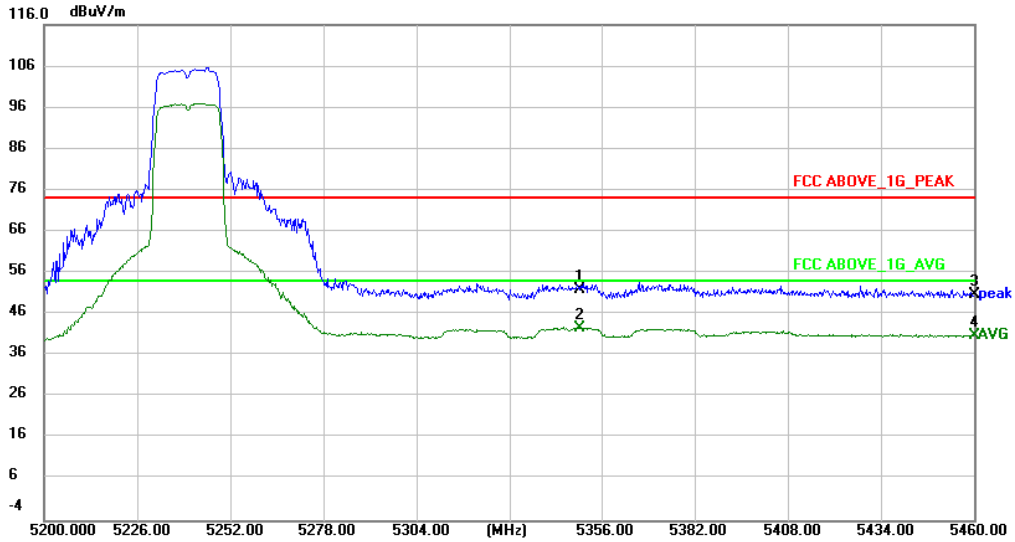
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.60	-1.08	46.52	74.00	-27.48	peak	
2		4500.000	37.31	-1.08	36.23	54.00	-17.77	AVG	
3		5150.000	56.53	1.85	58.38	74.00	-15.62	peak	
4	*	5150.000	40.98	1.85	42.83	54.00	-11.17	AVG	

Mode4 / Polarization: Vertical / CH: L



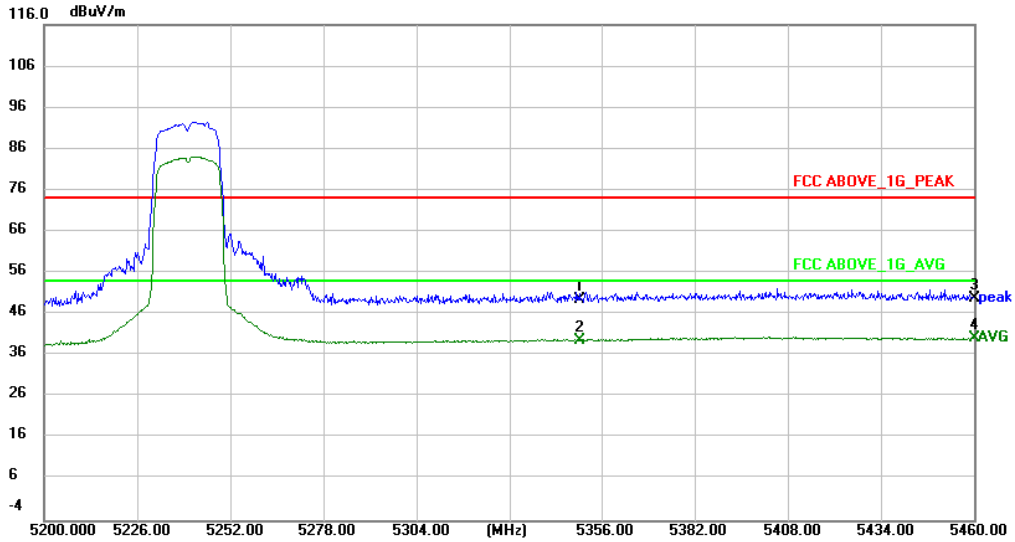
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.97	-1.08	45.89	74.00	-28.11	peak	
2		4500.000	37.16	-1.08	36.08	54.00	-17.92	AVG	
3		5150.000	48.45	1.85	50.30	74.00	-23.70	peak	
4	*	5150.000	37.99	1.85	39.84	54.00	-14.16	AVG	

Mode4 / Polarization: Horizontal / CH: H



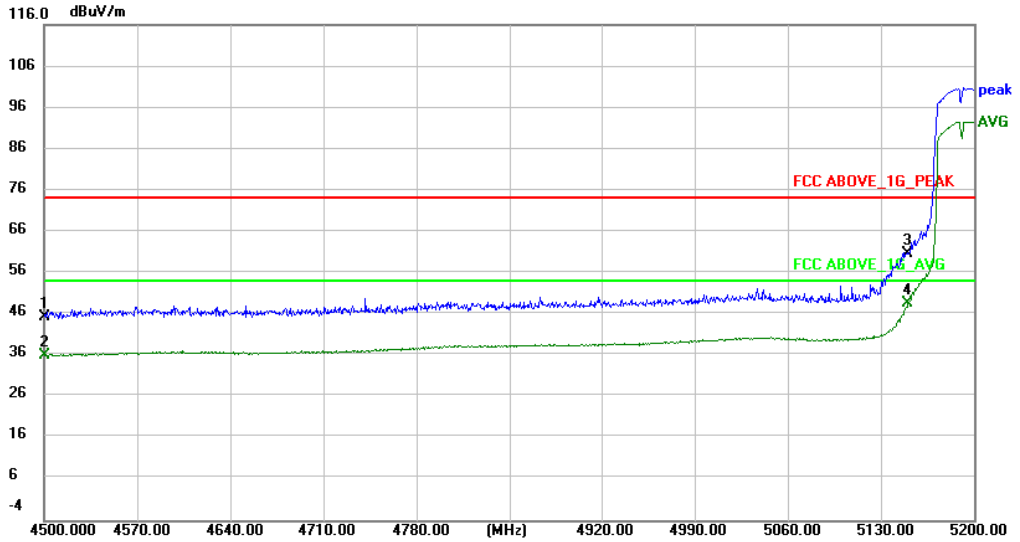
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	49.72	2.30	52.02	74.00	-21.98	peak	
2	*	5350.000	40.35	2.30	42.65	54.00	-11.35	AVG	
3		5460.000	48.39	2.24	50.63	74.00	-23.37	peak	
4		5460.000	38.51	2.24	40.75	54.00	-13.25	AVG	

Mode4 / Polarization: Vertical / CH: H



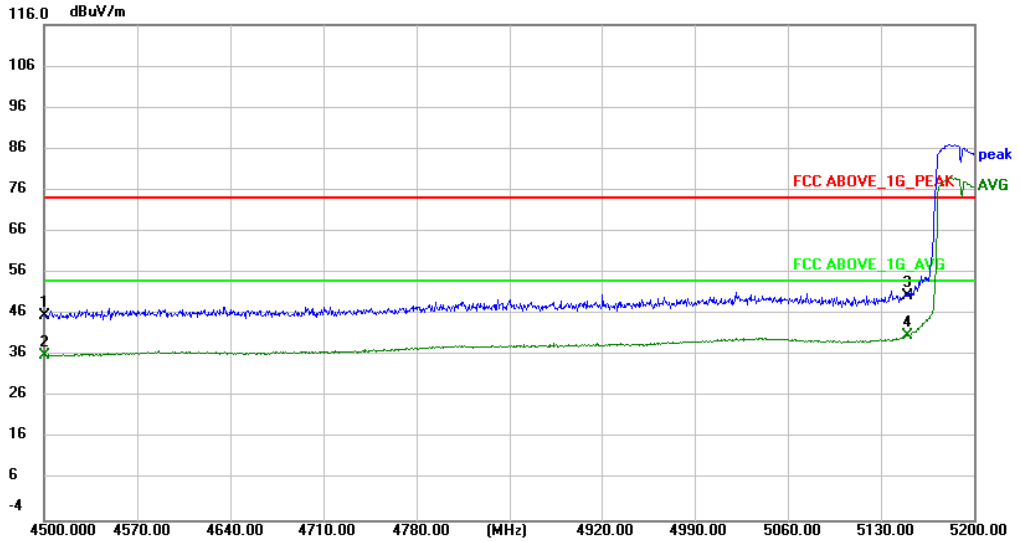
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.25	2.30	49.55	74.00	-24.45	peak	
2		5350.000	37.49	2.30	39.79	54.00	-14.21	AVG	
3		5460.000	47.48	2.24	49.72	74.00	-24.28	peak	
4	*	5460.000	37.96	2.24	40.20	54.00	-13.80	AVG	

Mode5 / Polarization: Horizontal / CH: L



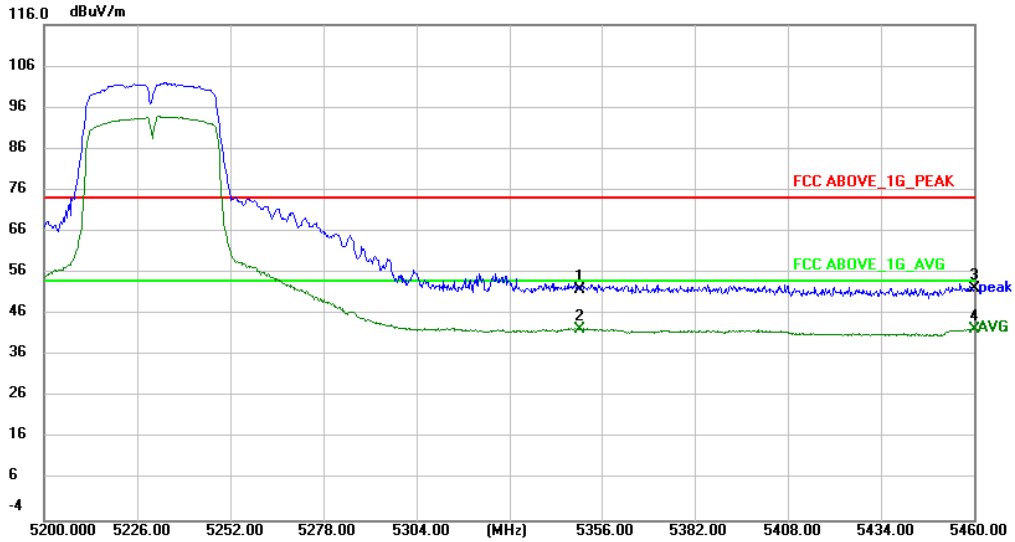
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.35	-1.08	45.27	74.00	-28.73	peak	
2		4500.000	37.13	-1.08	36.05	54.00	-17.95	AVG	
3		5150.000	58.66	1.85	60.51	74.00	-13.49	peak	
4	*	5150.000	46.73	1.85	48.58	54.00	-5.42	AVG	

Mode5 / Polarization: Vertical / CH: L



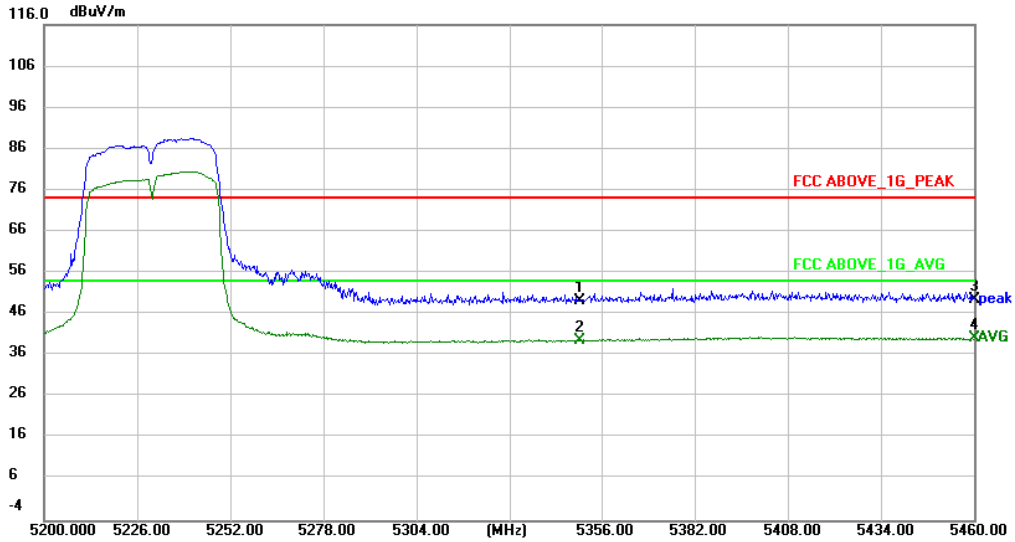
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.61	-1.08	45.53	74.00	-28.47	peak	
2		4500.000	37.05	-1.08	35.97	54.00	-18.03	AVG	
3		5150.000	48.63	1.85	50.48	74.00	-23.52	peak	
4	*	5150.000	39.11	1.85	40.96	54.00	-13.04	AVG	

Mode5 / Polarization: Horizontal / CH: H



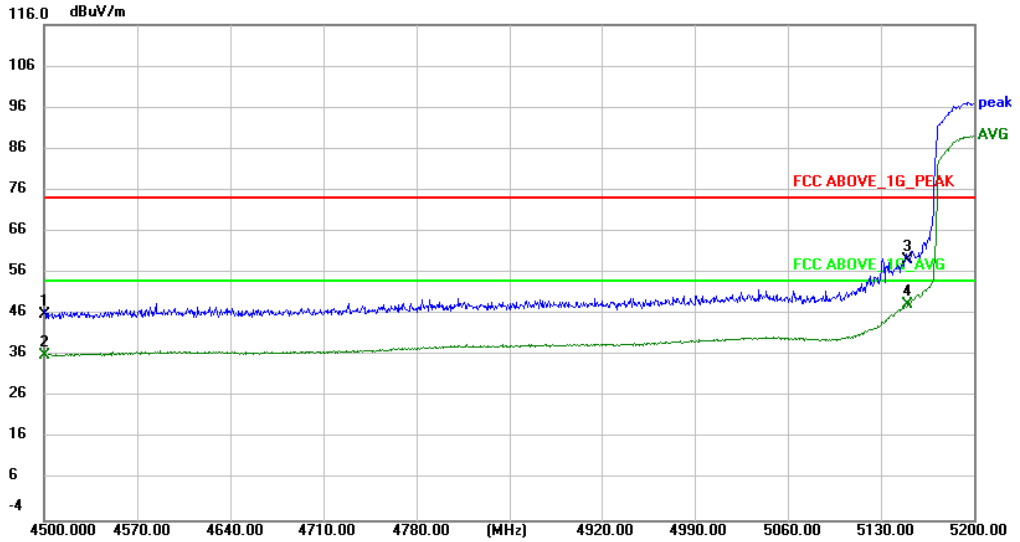
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	49.72	2.30	52.02	74.00	-21.98	peak	
2		5350.000	39.97	2.30	42.27	54.00	-11.73	AVG	
3		5460.000	50.09	2.24	52.33	74.00	-21.67	peak	
4	*	5460.000	40.26	2.24	42.50	54.00	-11.50	AVG	

Mode5 / Polarization: Vertical / CH: H



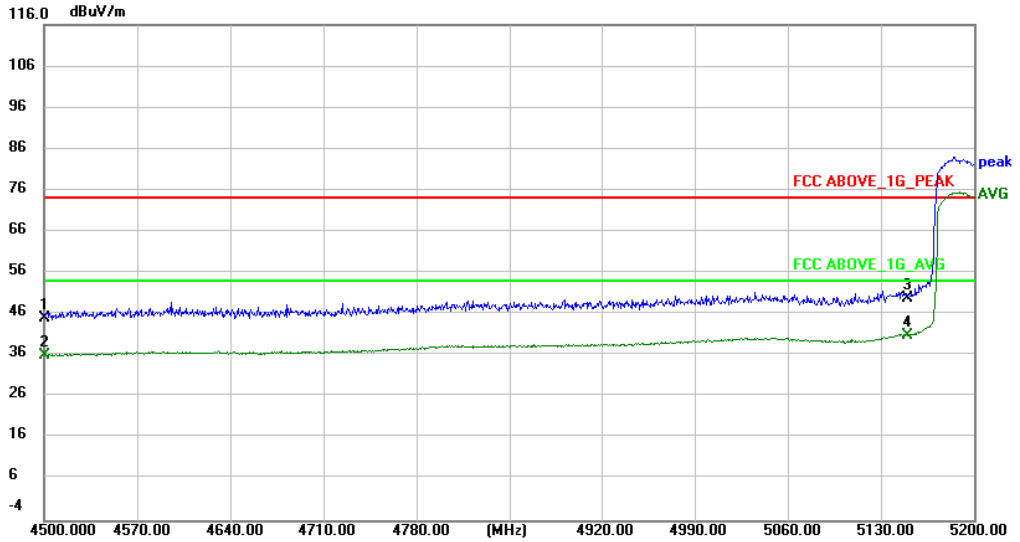
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.00	2.30	49.30	74.00	-24.70	peak	
2		5350.000	37.46	2.30	39.76	54.00	-14.24	AVG	
3		5460.000	47.28	2.24	49.52	74.00	-24.48	peak	
4	*	5460.000	37.97	2.24	40.21	54.00	-13.79	AVG	

Mode6 / Polarization: Horizontal / CH: L



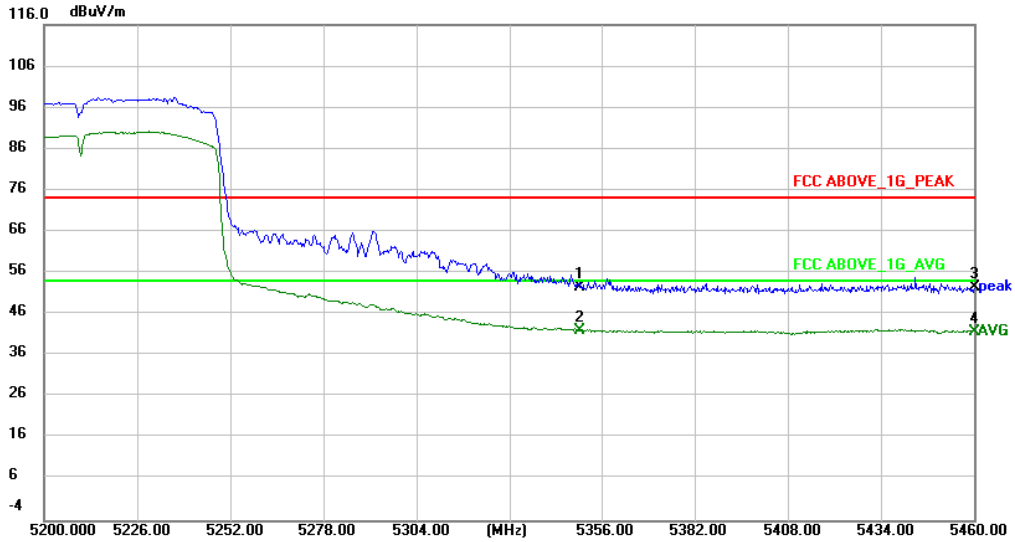
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.17	-1.08	46.09	74.00	-27.91	peak	
2		4500.000	37.21	-1.08	36.13	54.00	-17.87	AVG	
3		5150.000	57.29	1.85	59.14	74.00	-14.86	peak	
4	*	5150.000	46.58	1.85	48.43	54.00	-5.57	AVG	

Mode6 / Polarization: Vertical / CH: L



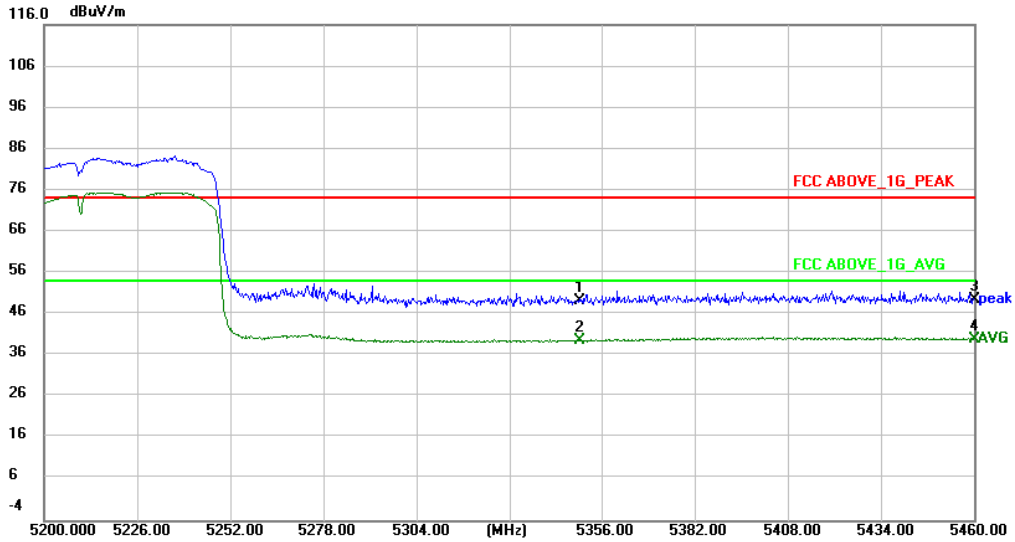
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.08	-1.08	45.00	74.00	-29.00	peak	
2		4500.000	37.22	-1.08	36.14	54.00	-17.86	AVG	
3		5150.000	48.14	1.85	49.99	74.00	-24.01	peak	
4	*	5150.000	39.14	1.85	40.99	54.00	-13.01	AVG	

Mode6 / Polarization: Horizontal / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	50.16	2.30	52.46	74.00	-21.54	peak	
2	*	5350.000	39.79	2.30	42.09	54.00	-11.91	AVG	
3		5460.000	50.19	2.24	52.43	74.00	-21.57	peak	
4		5460.000	39.62	2.24	41.86	54.00	-12.14	AVG	

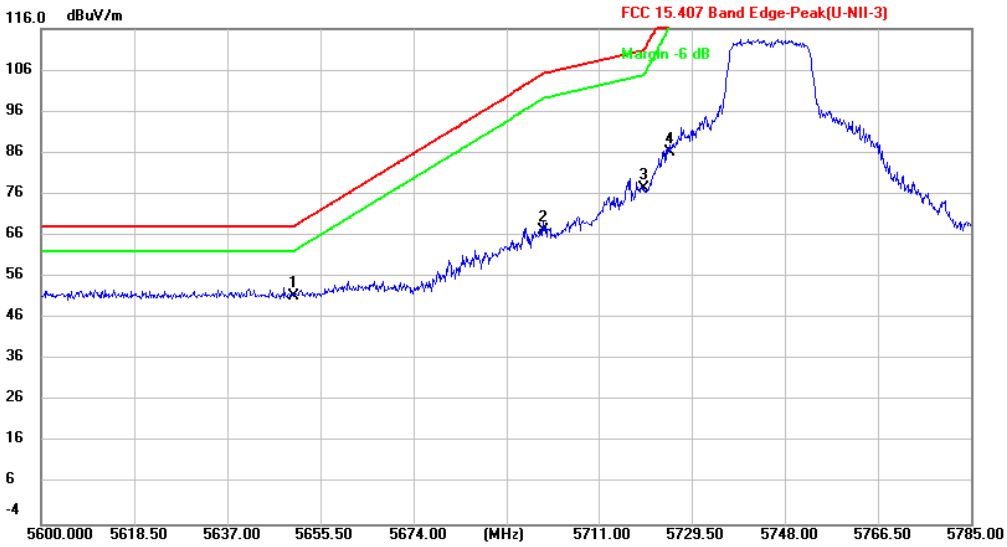
Mode6 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	46.95	2.30	49.25	74.00	-24.75	peak	
2		5350.000	37.47	2.30	39.77	54.00	-14.23	AVG	
3		5460.000	47.37	2.24	49.61	74.00	-24.39	peak	
4	*	5460.000	37.81	2.24	40.05	54.00	-13.95	AVG	

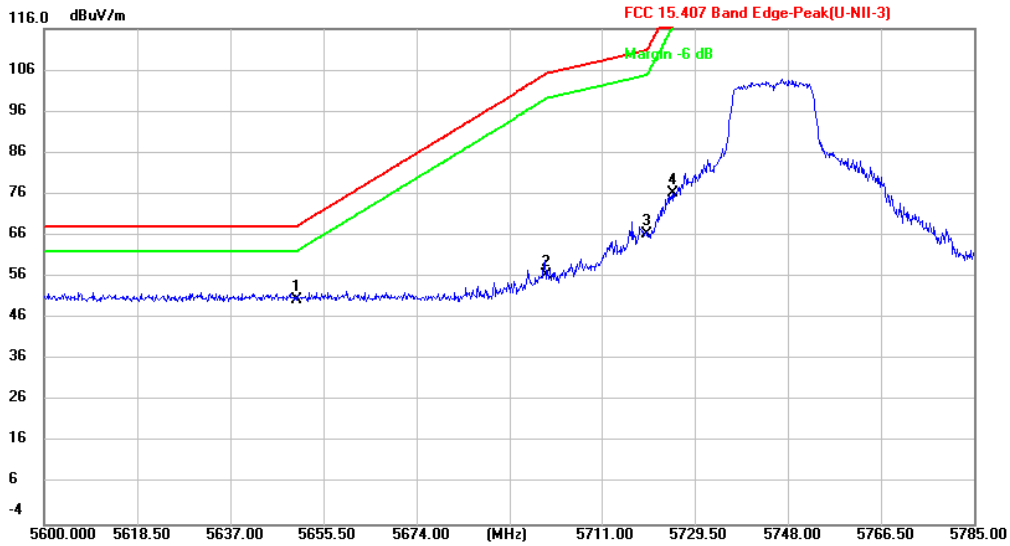
Band 3 ANT1:

Mode1 / Polarization: Horizontal / CH: L



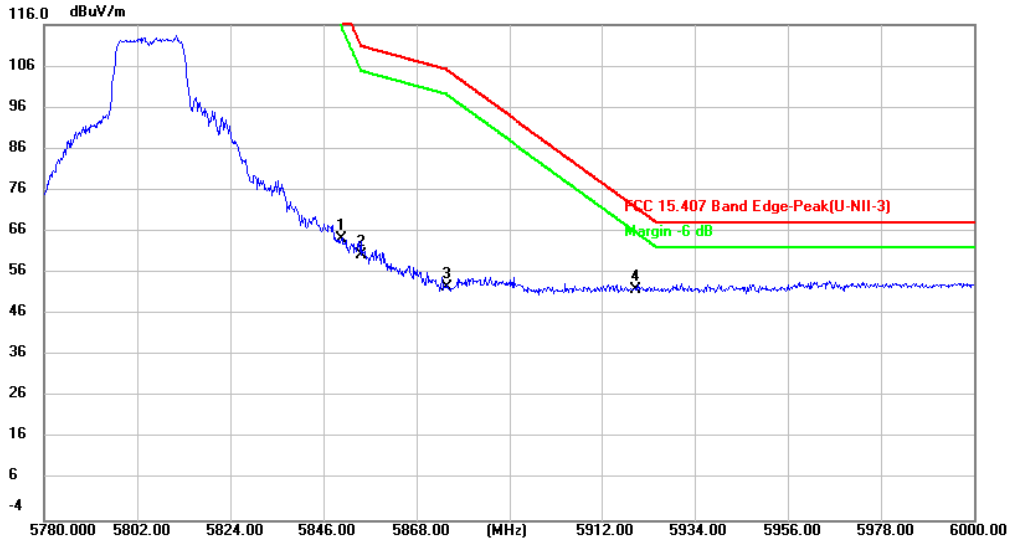
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.44	2.79	51.23	68.20	-16.97	peak	
2		5700.000	64.35	2.86	67.21	105.20	-37.99	peak	
3		5720.000	74.73	2.77	77.50	110.80	-33.30	peak	
4		5725.000	83.39	2.75	86.14	122.20	-36.06	peak	

Mode1 / Polarization: Vertical / CH: L



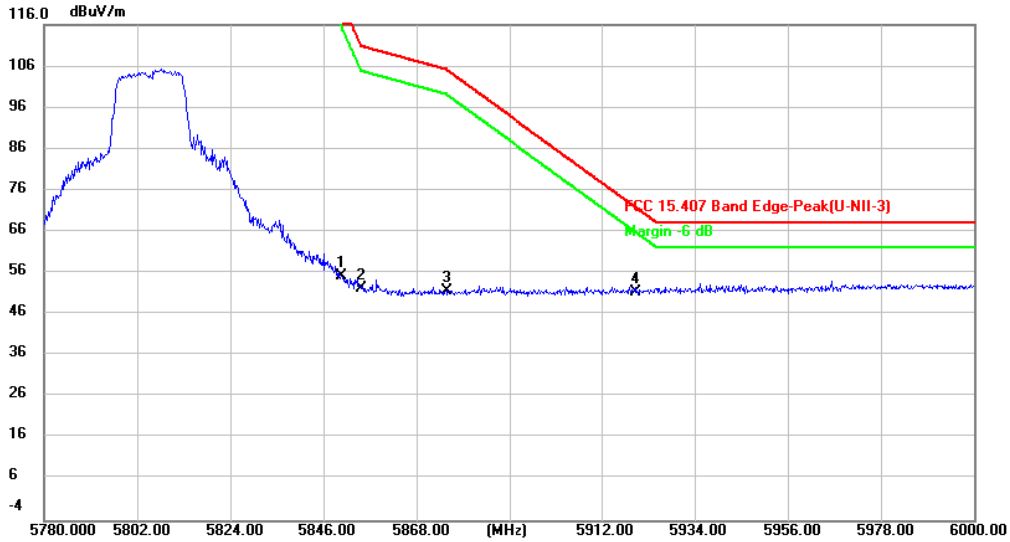
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	47.69	2.79	50.48	68.20	-17.72	peak	
2		5700.000	53.58	2.86	56.44	105.20	-48.76	peak	
3		5720.000	63.47	2.77	66.24	110.80	-44.56	peak	
4		5725.000	73.39	2.75	76.14	122.20	-46.06	peak	

Mode1 / Polarization: Horizontal / CH: H



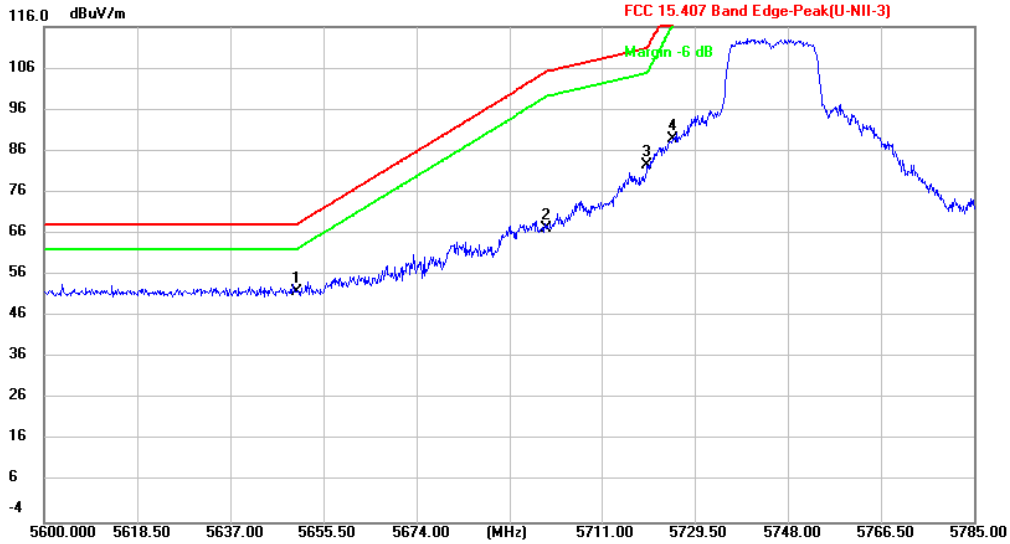
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	61.61	2.67	64.28	122.20	-57.92	peak	
2		5855.000	57.65	2.72	60.37	110.80	-50.43	peak	
3		5875.000	49.72	2.91	52.63	105.20	-52.57	peak	
4	*	5920.000	48.74	3.22	51.96	71.90	-19.94	peak	

Mode1 / Polarization: Vertical / CH: H



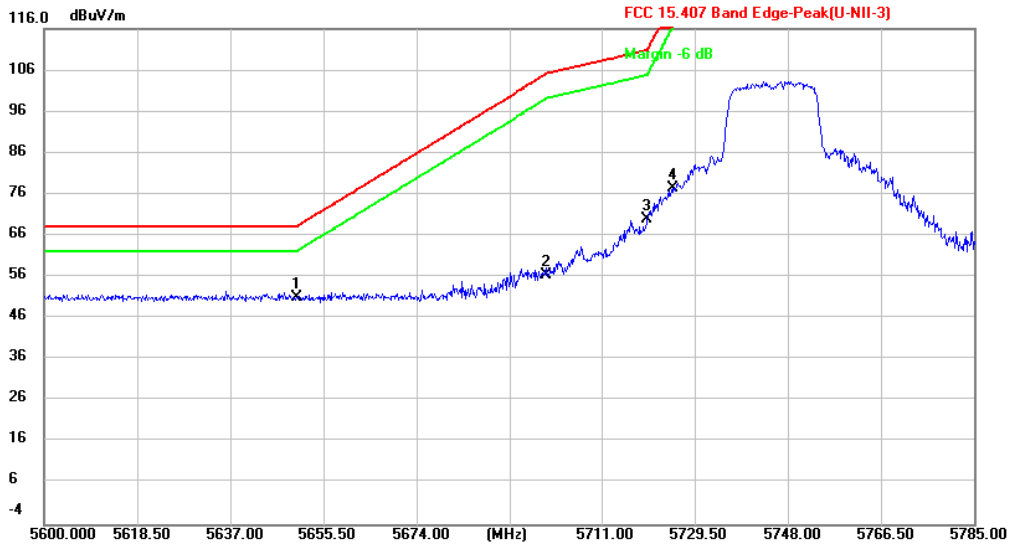
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	52.45	2.67	55.12	122.20	-67.08	peak	
2		5855.000	49.56	2.72	52.28	110.80	-58.52	peak	
3		5875.000	48.84	2.91	51.75	105.20	-53.45	peak	
4	*	5920.000	48.07	3.22	51.29	71.90	-20.61	peak	

Mode2 / Polarization: Horizontal / CH: L



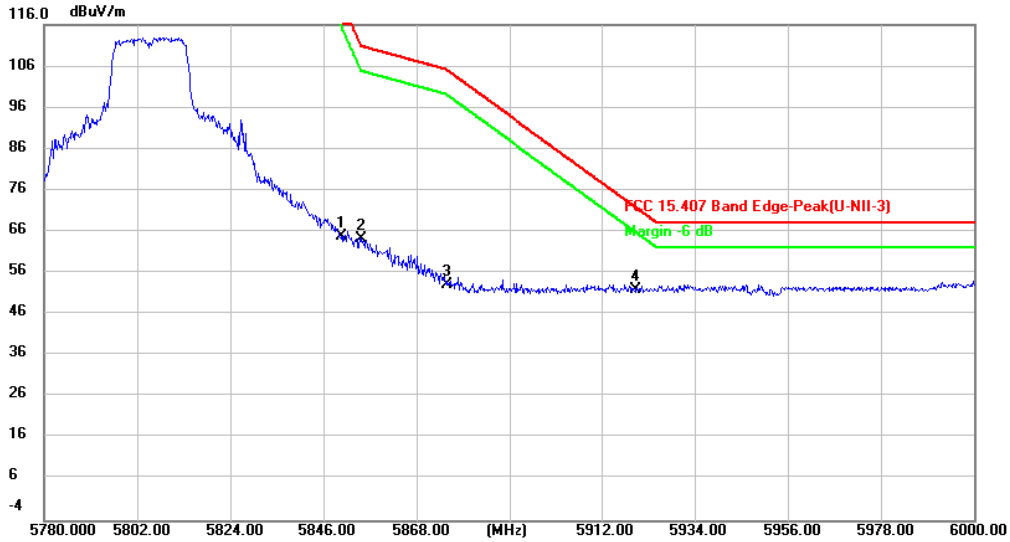
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	49.16	2.79	51.95	68.20	-16.25	peak	
2		5700.000	64.26	2.86	67.12	105.20	-38.08	peak	
3		5720.000	79.65	2.77	82.42	110.80	-28.38	peak	
4		5725.000	86.13	2.75	88.88	122.20	-33.32	peak	

Mode2 / Polarization: Vertical / CH: L



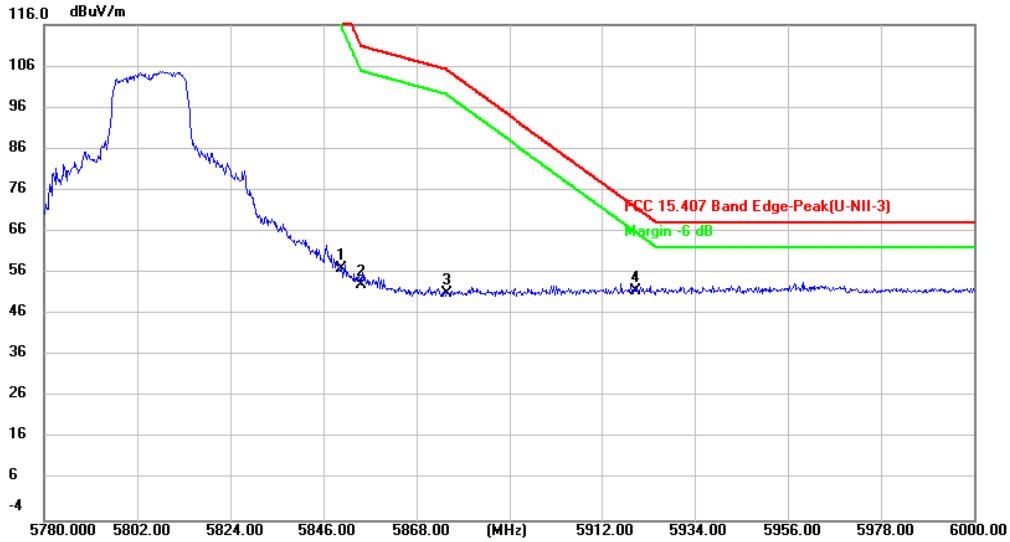
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.34	2.79	51.13	68.20	-17.07	peak	
2		5700.000	53.48	2.86	56.34	105.20	-48.86	peak	
3		5720.000	67.07	2.77	69.84	110.80	-40.96	peak	
4		5725.000	74.68	2.75	77.43	122.20	-44.77	peak	

Mode2 / Polarization: Horizontal / CH: H



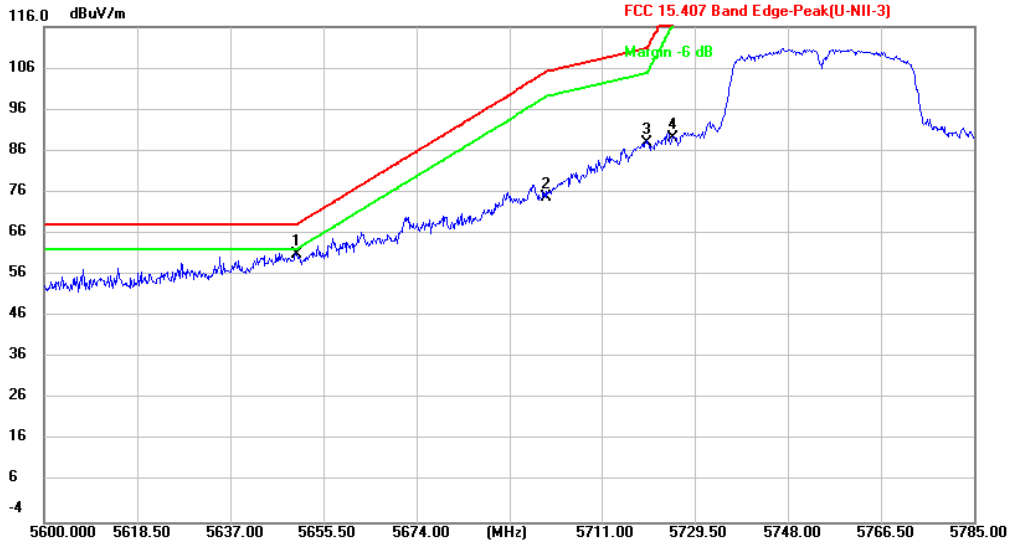
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	62.19	2.67	64.86	122.20	-57.34	peak	
2		5855.000	61.48	2.72	64.20	110.80	-46.60	peak	
3		5875.000	50.22	2.91	53.13	105.20	-52.07	peak	
4	*	5920.000	48.74	3.22	51.96	71.90	-19.94	peak	

Mode2 / Polarization: Vertical / CH: H



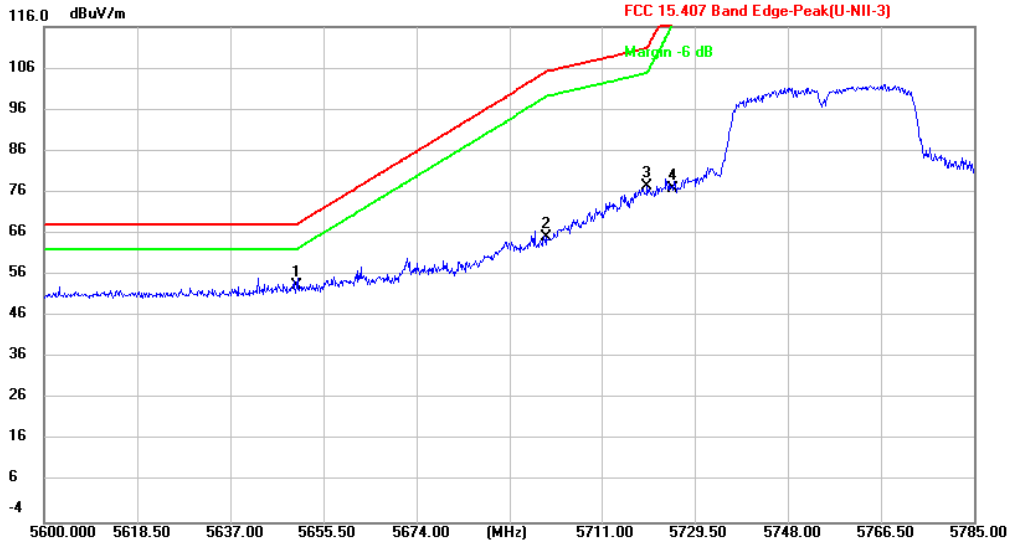
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	54.33	2.67	57.00	122.20	-65.20	peak	
2		5855.000	50.55	2.72	53.27	110.80	-57.53	peak	
3		5875.000	48.07	2.91	50.98	105.20	-54.22	peak	
4	*	5920.000	48.39	3.22	51.61	71.90	-20.29	peak	

Mode3 / Polarization: Horizontal / CH: L



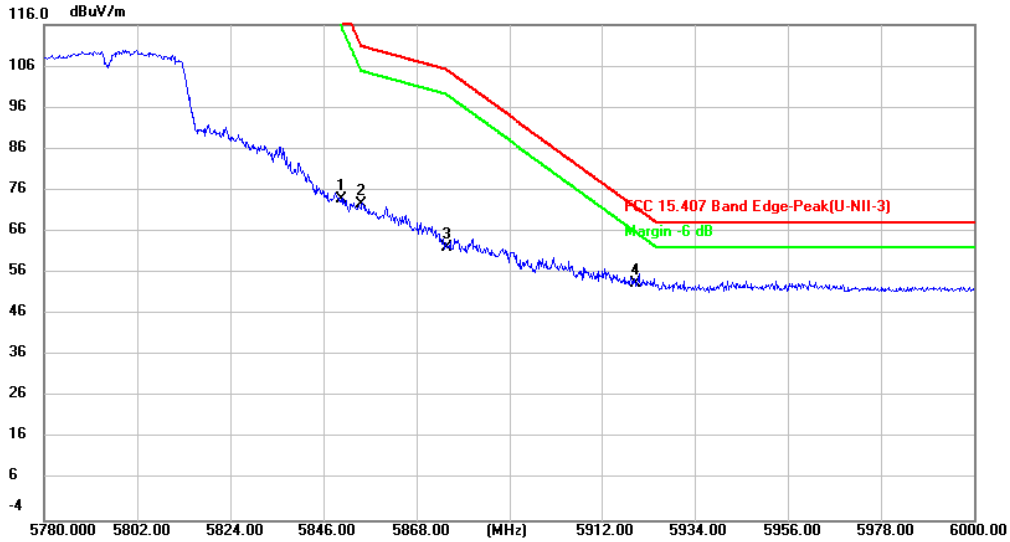
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	58.06	2.79	60.85	68.20	-7.35	peak	
2		5700.000	71.87	2.86	74.73	105.20	-30.47	peak	
3		5720.000	85.08	2.77	87.85	110.80	-22.95	peak	
4		5725.000	86.45	2.75	89.20	122.20	-33.00	peak	

Mode3 / Polarization: Vertical / CH: L



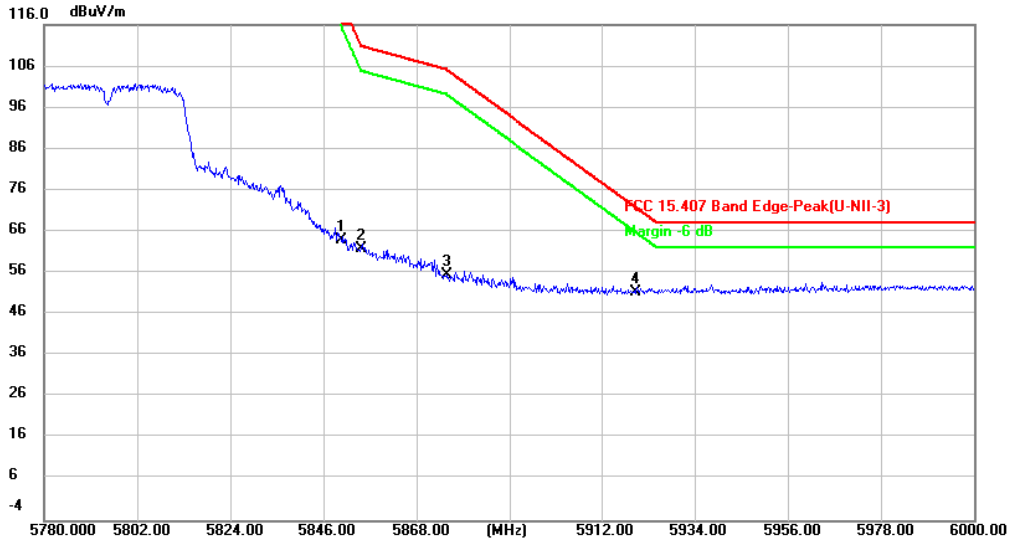
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	50.65	2.79	53.44	68.20	-14.76	peak	
2		5700.000	62.17	2.86	65.03	105.20	-40.17	peak	
3		5720.000	74.83	2.77	77.60	110.80	-33.20	peak	
4		5725.000	74.03	2.75	76.78	122.20	-45.42	peak	

Mode3 / Polarization: Horizontal / CH: H



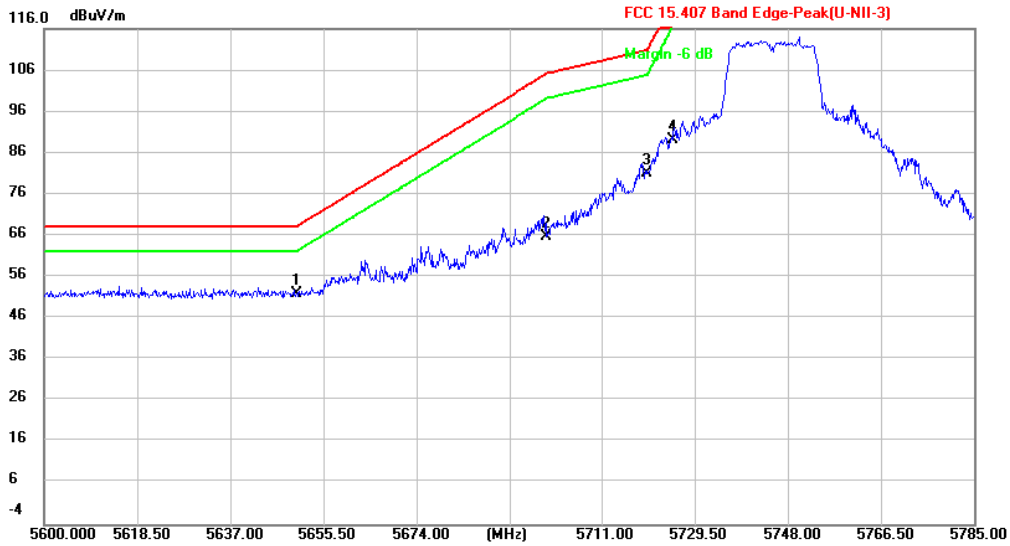
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	71.07	2.67	73.74	122.20	-48.46	peak	
2		5855.000	69.81	2.72	72.53	110.80	-38.27	peak	
3		5875.000	59.27	2.91	62.18	105.20	-43.02	peak	
4	*	5920.000	50.15	3.22	53.37	71.90	-18.53	peak	

Mode3 / Polarization: Vertical / CH: H



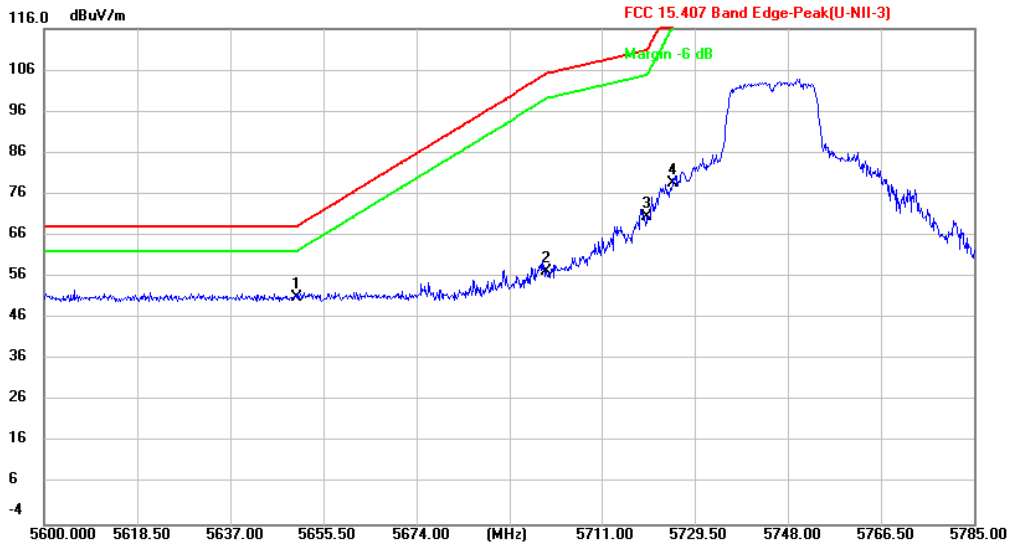
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	61.24	2.67	63.91	122.20	-58.29	peak	
2		5855.000	59.20	2.72	61.92	110.80	-48.88	peak	
3		5875.000	52.67	2.91	55.58	105.20	-49.62	peak	
4	*	5920.000	48.15	3.22	51.37	71.90	-20.53	peak	

Mode4 / Polarization: Horizontal / CH: L



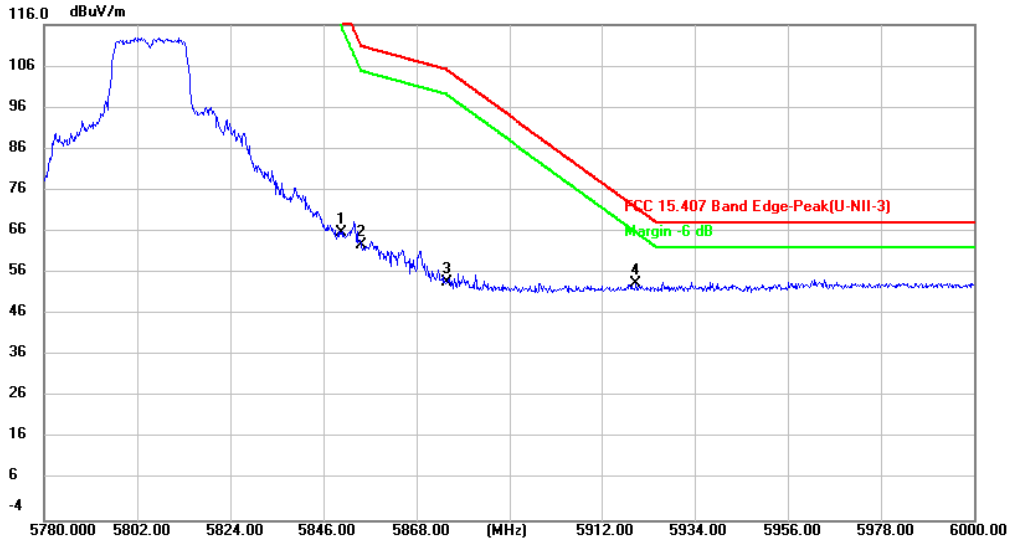
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	49.30	2.79	52.09	68.20	-16.11	peak	
2		5700.000	62.97	2.86	65.83	105.20	-39.37	peak	
3		5720.000	78.20	2.77	80.97	110.80	-29.83	peak	
4		5725.000	86.53	2.75	89.28	122.20	-32.92	peak	

Mode4 / Polarization: Vertical / CH: L



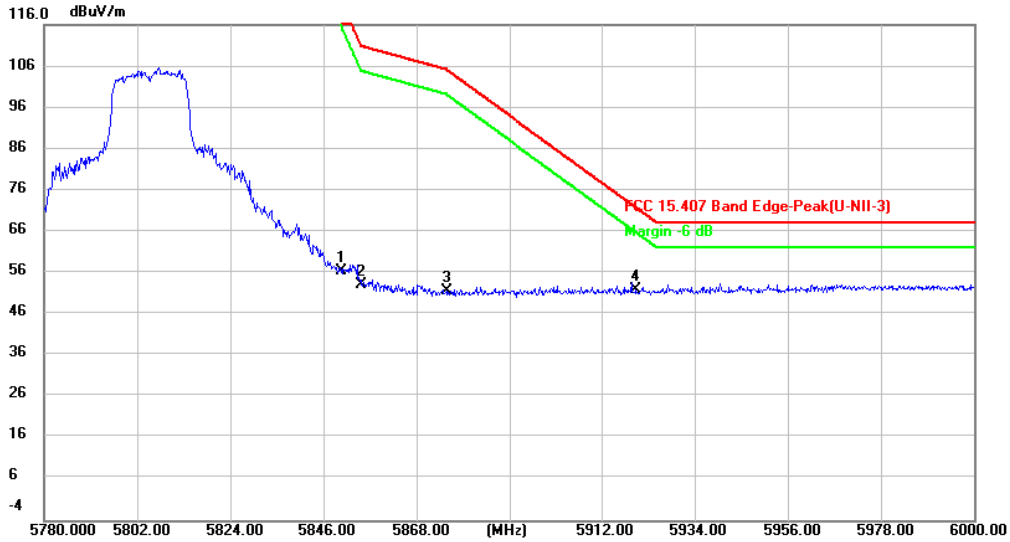
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.28	2.79	51.07	68.20	-17.13	peak	
2		5700.000	54.55	2.86	57.41	105.20	-47.79	peak	
3		5720.000	67.72	2.77	70.49	110.80	-40.31	peak	
4		5725.000	75.76	2.75	78.51	122.20	-43.69	peak	

Mode4 / Polarization: Horizontal / CH: H



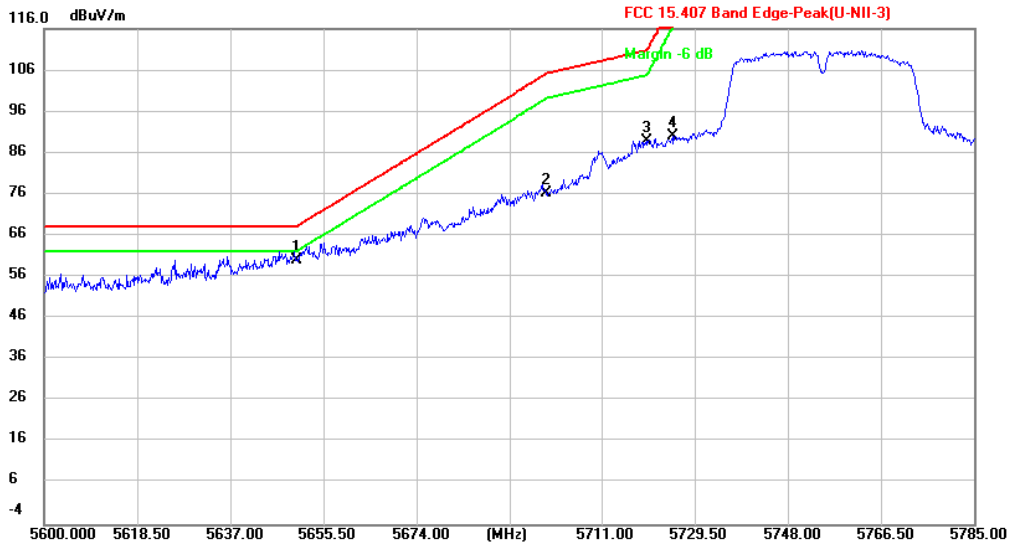
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	62.94	2.67	65.61	122.20	-56.59	peak	
2		5855.000	59.97	2.72	62.69	110.80	-48.11	peak	
3		5875.000	50.90	2.91	53.81	105.20	-51.39	peak	
4	*	5920.000	50.10	3.22	53.32	71.90	-18.58	peak	

Mode4 / Polarization: Vertical / CH: H



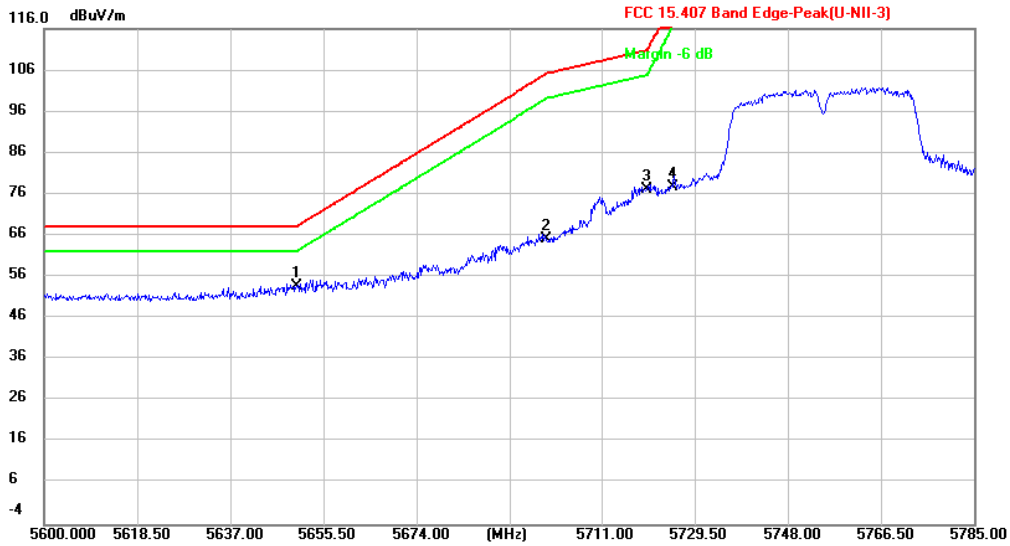
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	53.92	2.67	56.59	122.20	-65.61	peak	
2		5855.000	50.36	2.72	53.08	110.80	-57.72	peak	
3		5875.000	48.62	2.91	51.53	105.20	-53.67	peak	
4	*	5920.000	48.74	3.22	51.96	71.90	-19.94	peak	

Mode5 / Polarization: Horizontal / CH: L



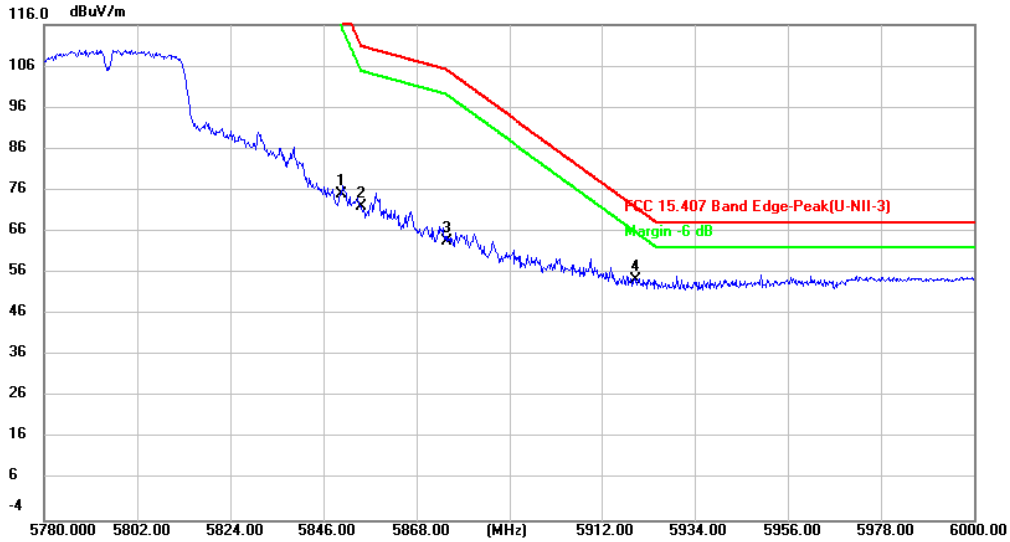
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	57.31	2.79	60.10	68.20	-8.10	peak	
2		5700.000	73.30	2.86	76.16	105.20	-29.04	peak	
3		5720.000	86.04	2.77	88.81	110.80	-21.99	peak	
4		5725.000	87.30	2.75	90.05	122.20	-32.15	peak	

Mode5 / Polarization: Vertical / CH: L



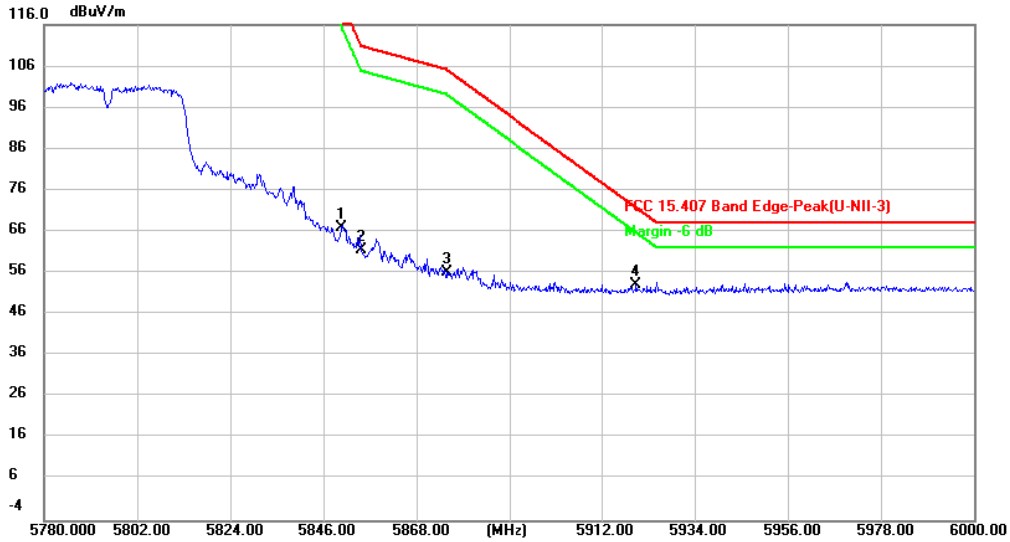
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	50.89	2.79	53.68	68.20	-14.52	peak	
2		5700.000	62.33	2.86	65.19	105.20	-40.01	peak	
3		5720.000	74.30	2.77	77.07	110.80	-33.73	peak	
4		5725.000	74.93	2.75	77.68	122.20	-44.52	peak	

Mode5 / Polarization: Horizontal / CH: H



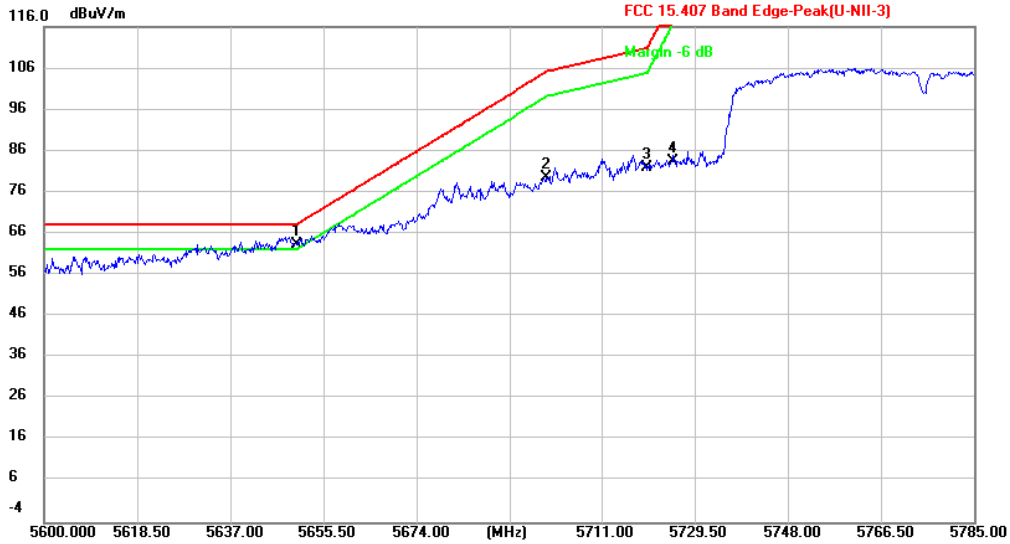
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	72.29	2.67	74.96	122.20	-47.24	peak	
2		5855.000	69.31	2.72	72.03	110.80	-38.77	peak	
3		5875.000	60.82	2.91	63.73	105.20	-41.47	peak	
4	*	5920.000	51.27	3.22	54.49	71.90	-17.41	peak	

Mode5 / Polarization: Vertical / CH: H



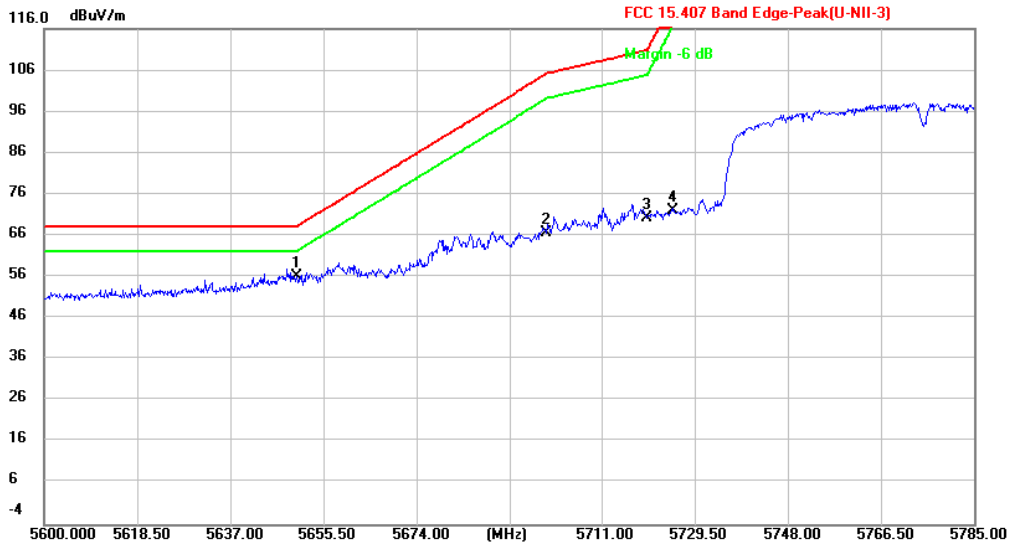
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	64.30	2.67	66.97	122.20	-55.23	peak	
2		5855.000	58.84	2.72	61.56	110.80	-49.24	peak	
3		5875.000	53.15	2.91	56.06	105.20	-49.14	peak	
4	*	5920.000	49.88	3.22	53.10	71.90	-18.80	peak	

Mode6 / Polarization: Horizontal / CH: L



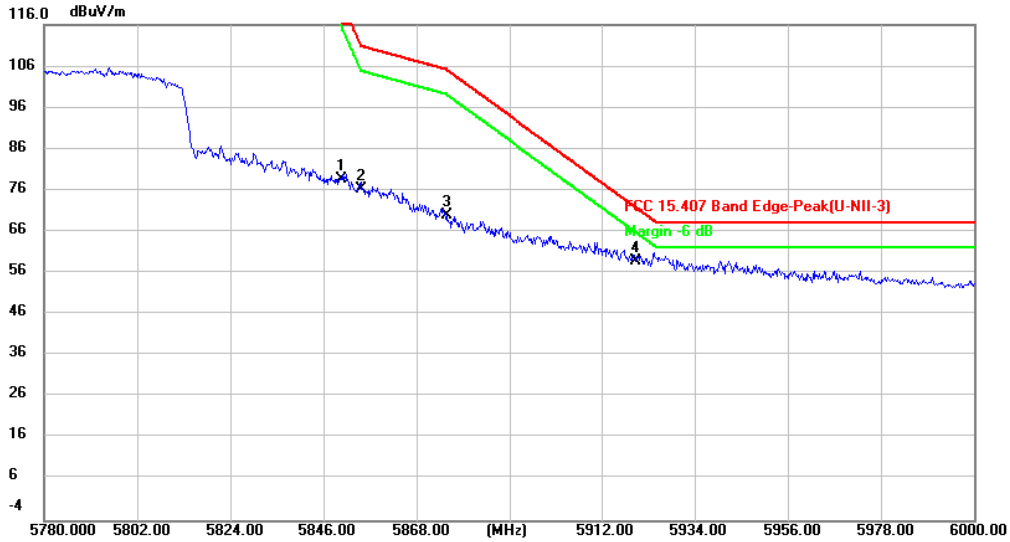
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	60.45	2.79	63.24	68.20	-4.96	peak	
2		5700.000	76.64	2.86	79.50	105.20	-25.70	peak	
3		5720.000	79.15	2.77	81.92	110.80	-28.88	peak	
4		5725.000	80.77	2.75	83.52	122.20	-38.68	peak	

Mode6 / Polarization: Vertical / CH: L



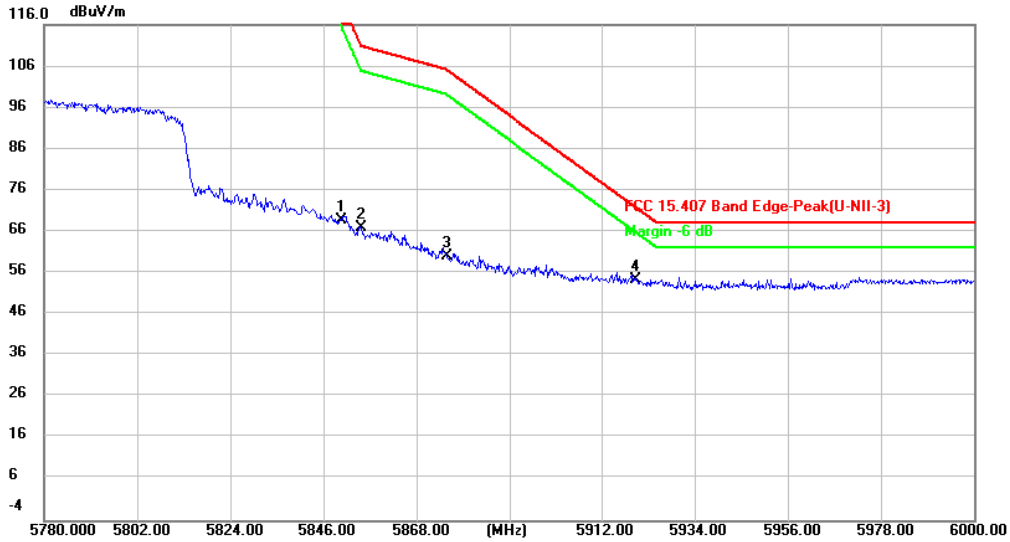
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	53.46	2.79	56.25	68.20	-11.95	peak	
2		5700.000	63.92	2.86	66.78	105.20	-38.42	peak	
3		5720.000	67.62	2.77	70.39	110.80	-40.41	peak	
4		5725.000	69.44	2.75	72.19	122.20	-50.01	peak	

Mode6 / Polarization: Horizontal / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	76.11	2.67	78.78	122.20	-43.42	peak	
2		5855.000	73.46	2.72	76.18	110.80	-34.62	peak	
3		5875.000	66.97	2.91	69.88	105.20	-35.32	peak	
4	*	5920.000	55.57	3.22	58.79	71.90	-13.11	peak	

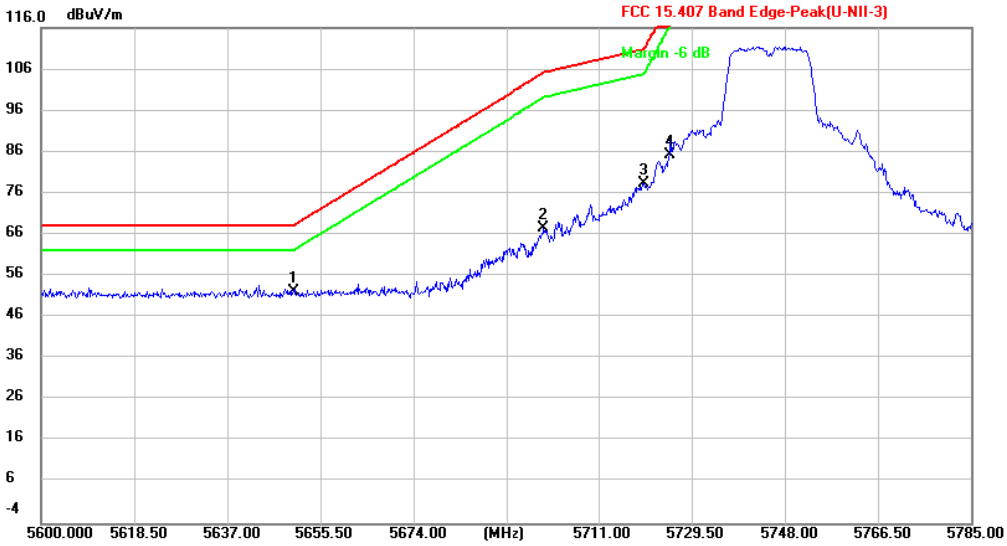
Mode6 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	66.22	2.67	68.89	122.20	-53.31	peak	
2		5855.000	64.17	2.72	66.89	110.80	-43.91	peak	
3		5875.000	57.06	2.91	59.97	105.20	-45.23	peak	
4	*	5920.000	51.10	3.22	54.32	71.90	-17.58	peak	

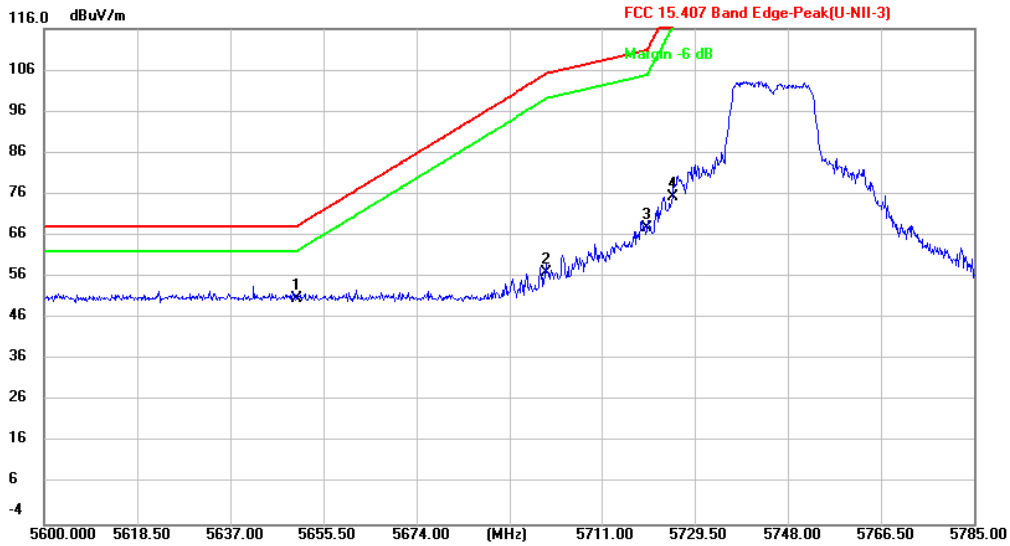
Band 3 ANT2

Mode1 / Polarization: Horizontal / CH: L



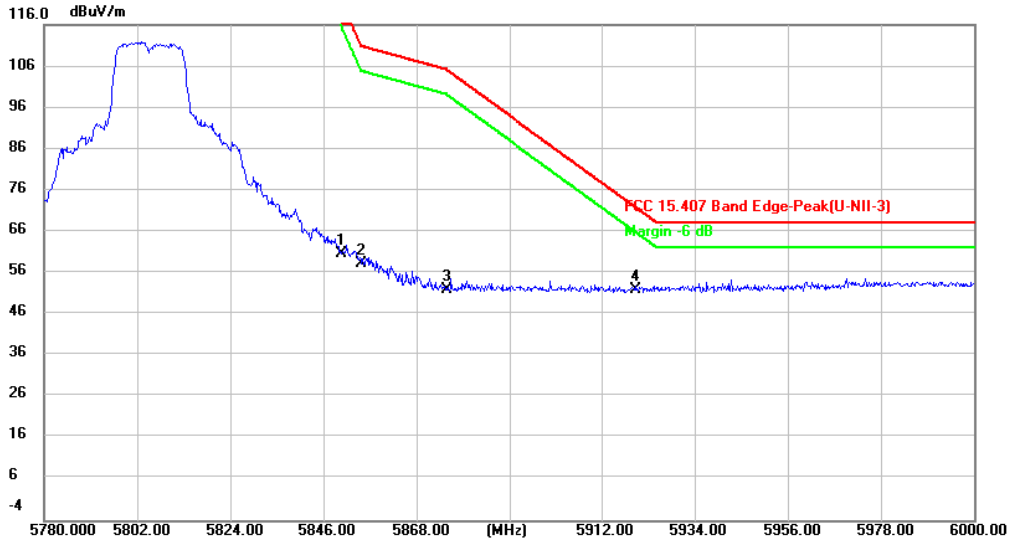
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	49.42	2.79	52.21	68.20	-15.99	peak	
2		5700.000	64.54	2.86	67.40	105.20	-37.80	peak	
3		5720.000	75.49	2.77	78.26	110.80	-32.54	peak	
4		5725.000	82.48	2.75	85.23	122.20	-36.97	peak	

Mode1 / Polarization: Vertical / CH: L



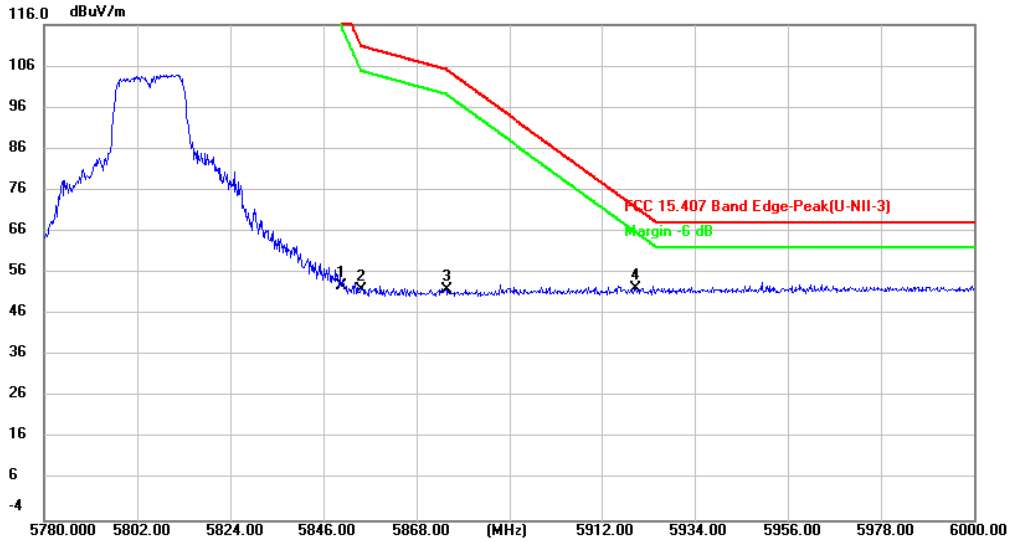
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	47.95	2.79	50.74	68.20	-17.46	peak	
2		5700.000	54.28	2.86	57.14	105.20	-48.06	peak	
3		5720.000	64.94	2.77	67.71	110.80	-43.09	peak	
4		5725.000	72.57	2.75	75.32	122.20	-46.88	peak	

Mode1 / Polarization: Horizontal / CH: H



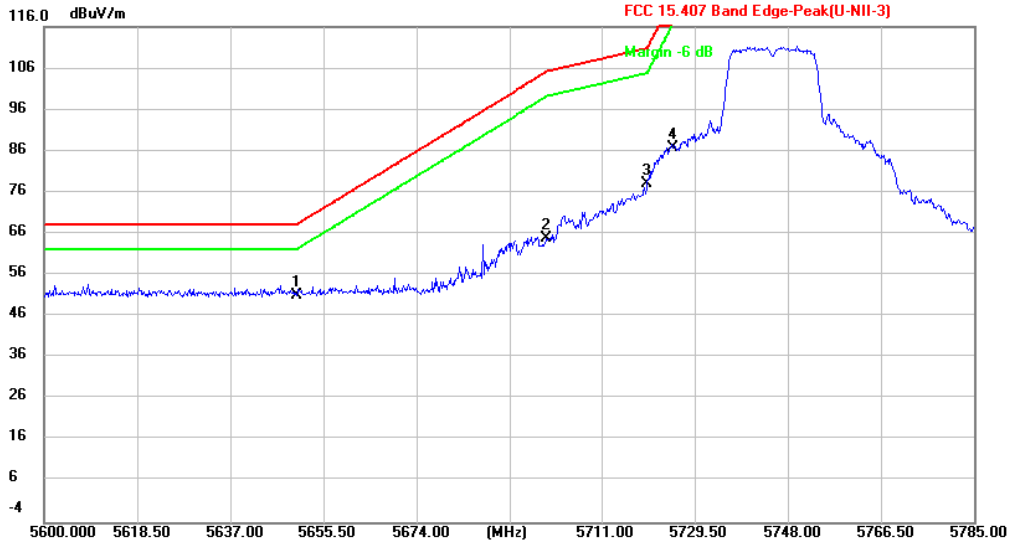
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	58.08	2.67	60.75	122.20	-61.45	peak	
2		5855.000	55.56	2.72	58.28	110.80	-52.52	peak	
3		5875.000	49.18	2.91	52.09	105.20	-53.11	peak	
4	*	5920.000	48.79	3.22	52.01	71.90	-19.89	peak	

Mode1 / Polarization: Vertical / CH: H



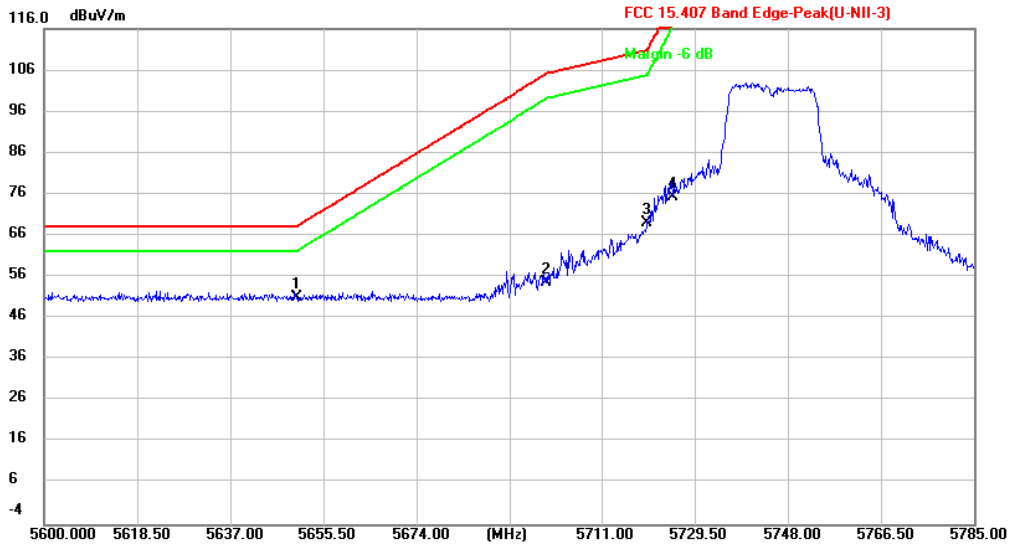
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	50.28	2.67	52.95	122.20	-69.25	peak	
2		5855.000	49.29	2.72	52.01	110.80	-58.79	peak	
3		5875.000	49.11	2.91	52.02	105.20	-53.18	peak	
4	*	5920.000	49.18	3.22	52.40	71.90	-19.50	peak	

Mode2 / Polarization: Horizontal / CH: L



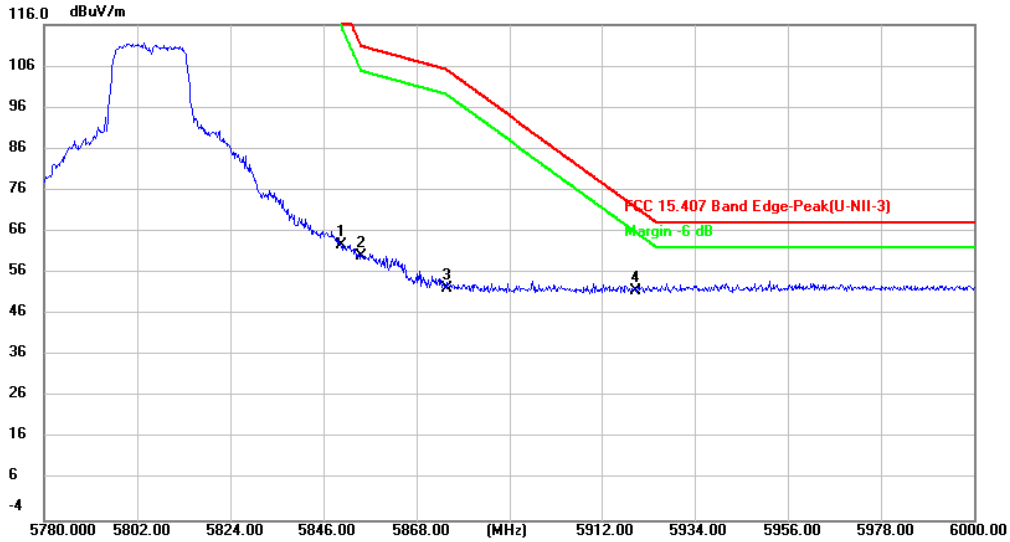
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.26	2.79	51.05	68.20	-17.15	peak	
2		5700.000	61.98	2.86	64.84	105.20	-40.36	peak	
3		5720.000	75.14	2.77	77.91	110.80	-32.89	peak	
4		5725.000	84.02	2.75	86.77	122.20	-35.43	peak	

Mode2 / Polarization: Vertical / CH: L



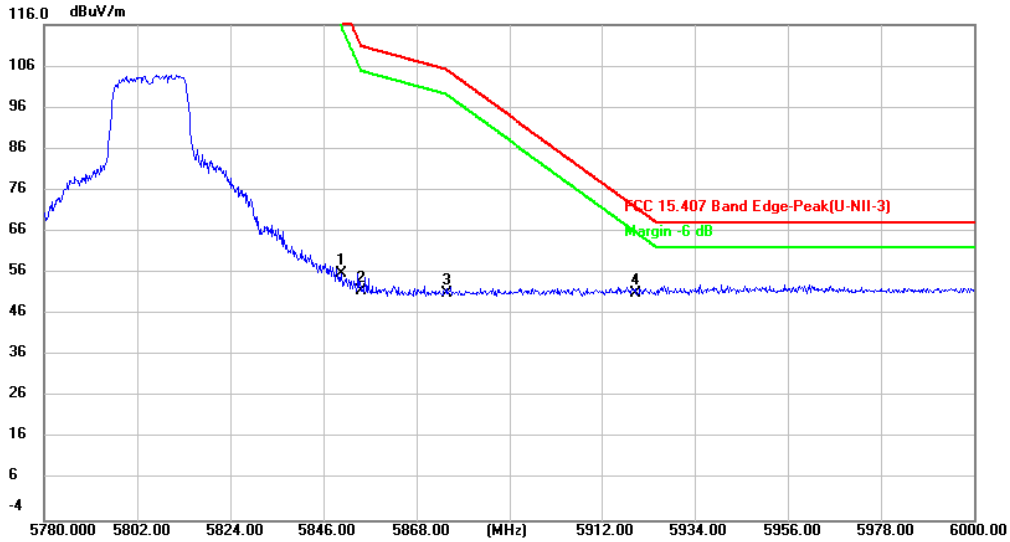
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.24	2.79	51.03	68.20	-17.17	peak	
2		5700.000	51.88	2.86	54.74	105.20	-50.46	peak	
3		5720.000	66.14	2.77	68.91	110.80	-41.89	peak	
4		5725.000	72.71	2.75	75.46	122.20	-46.74	peak	

Mode2 / Polarization: Horizontal / CH: H



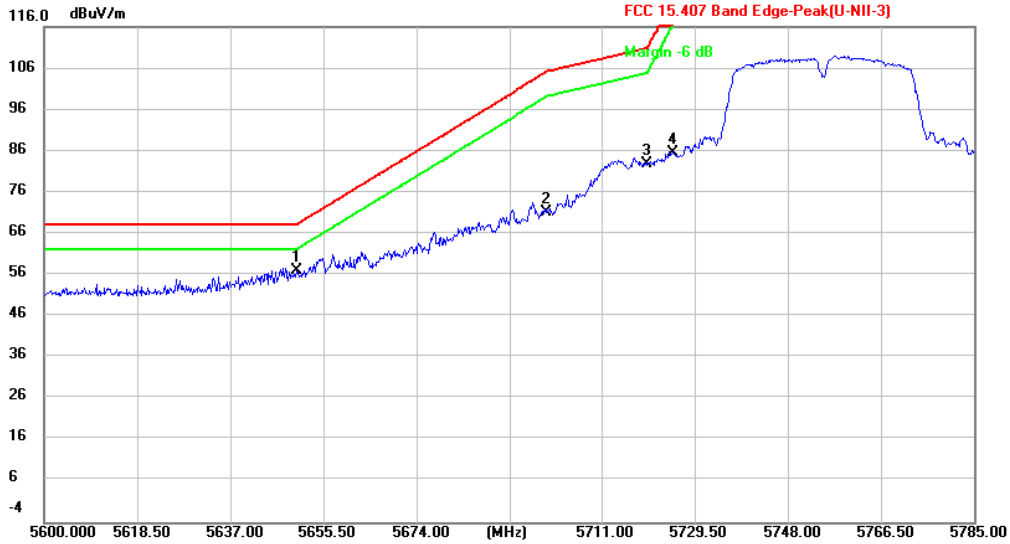
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	59.93	2.67	62.60	122.20	-59.60	peak	
2		5855.000	57.32	2.72	60.04	110.80	-50.76	peak	
3		5875.000	49.27	2.91	52.18	105.20	-53.02	peak	
4	*	5920.000	48.31	3.22	51.53	71.90	-20.37	peak	

Mode2 / Polarization: Vertical / CH: H



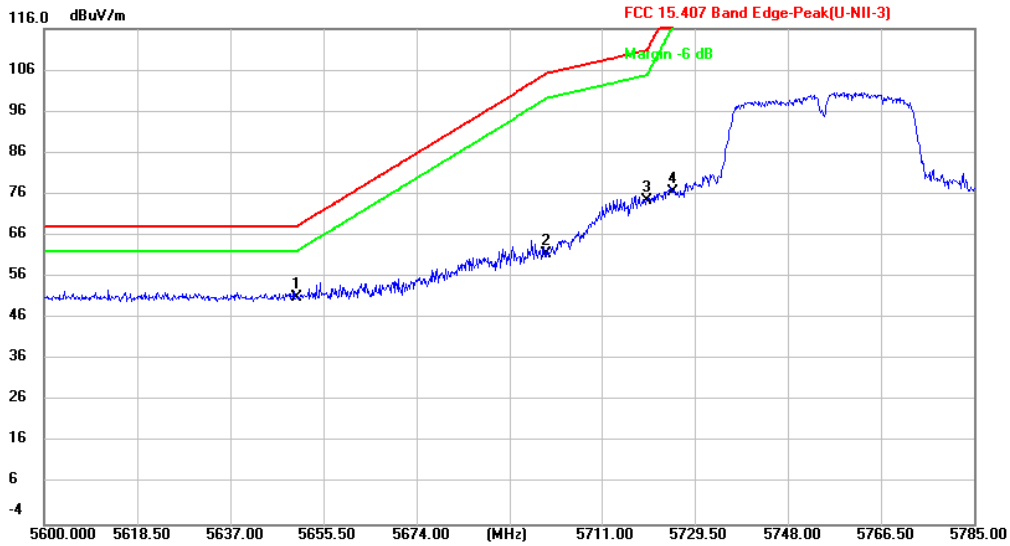
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	53.28	2.67	55.95	122.20	-66.25	peak	
2		5855.000	49.00	2.72	51.72	110.80	-59.08	peak	
3		5875.000	48.14	2.91	51.05	105.20	-54.15	peak	
4	*	5920.000	47.74	3.22	50.96	71.90	-20.94	peak	

Mode3 / Polarization: Horizontal / CH: L



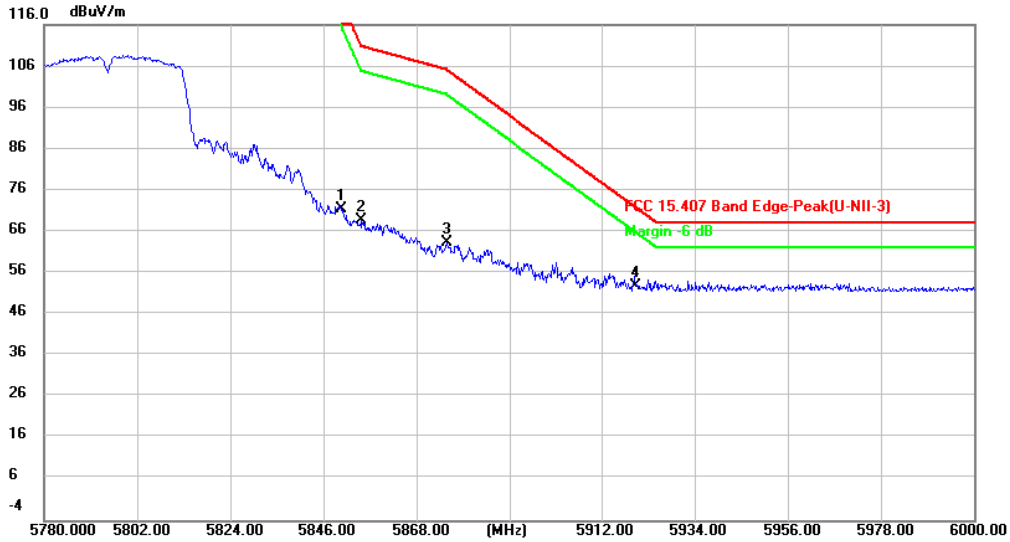
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	54.29	2.79	57.08	68.20	-11.12	peak	
2		5700.000	68.28	2.86	71.14	105.20	-34.06	peak	
3		5720.000	80.23	2.77	83.00	110.80	-27.80	peak	
4		5725.000	82.73	2.75	85.48	122.20	-36.72	peak	

Mode3 / Polarization: Vertical / CH: L



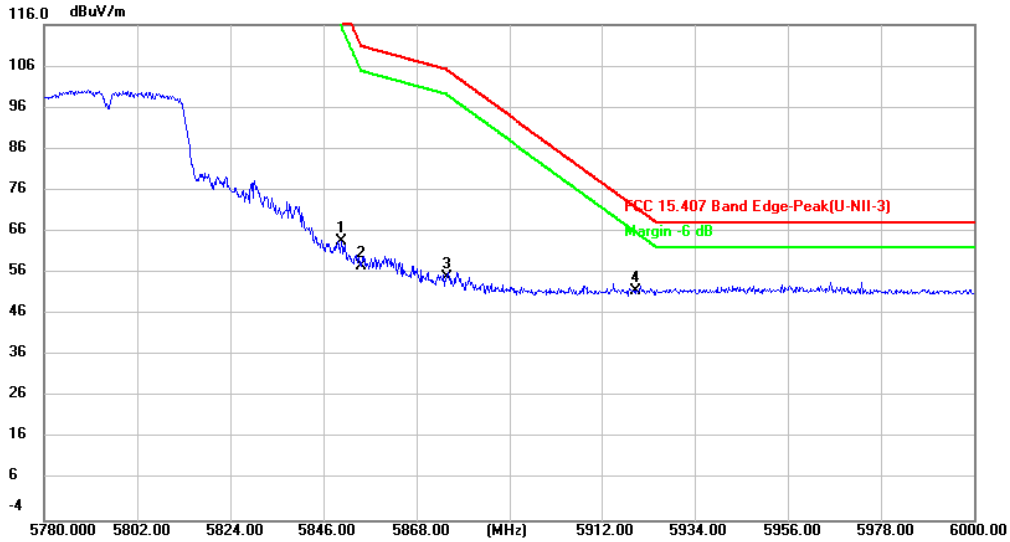
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.34	2.79	51.13	68.20	-17.07	peak	
2		5700.000	58.79	2.86	61.65	105.20	-43.55	peak	
3		5720.000	71.59	2.77	74.36	110.80	-36.44	peak	
4		5725.000	73.81	2.75	76.56	122.20	-45.64	peak	

Mode3 / Polarization: Horizontal / CH: H



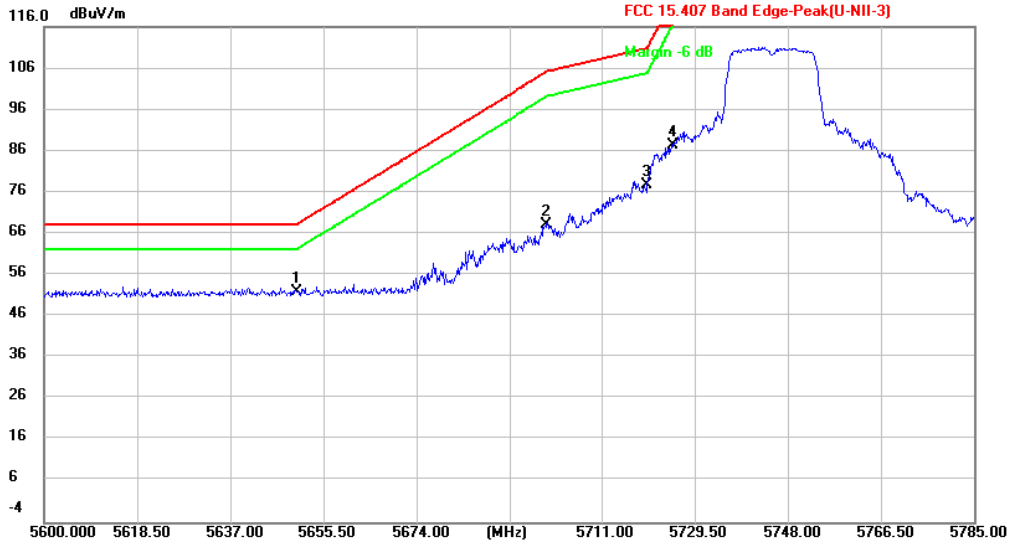
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	68.87	2.67	71.54	122.20	-50.66	peak	
2		5855.000	65.90	2.72	68.62	110.80	-42.18	peak	
3		5875.000	60.44	2.91	63.35	105.20	-41.85	peak	
4	*	5920.000	49.50	3.22	52.72	71.90	-19.18	peak	

Mode3 / Polarization: Vertical / CH: H



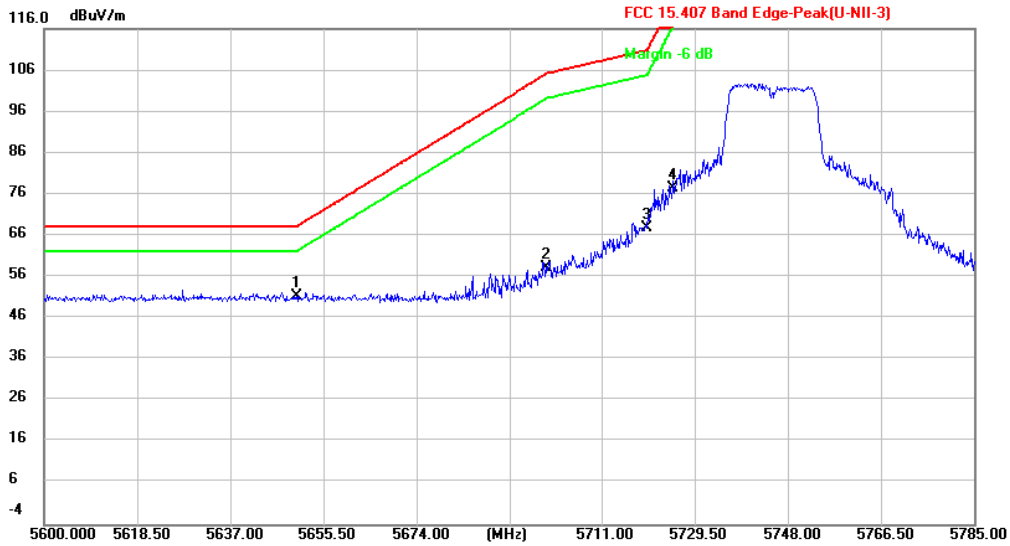
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	60.98	2.67	63.65	122.20	-58.55	peak	
2		5855.000	54.97	2.72	57.69	110.80	-53.11	peak	
3		5875.000	52.07	2.91	54.98	105.20	-50.22	peak	
4	*	5920.000	48.40	3.22	51.62	71.90	-20.28	peak	

Mode4 / Polarization: Horizontal / CH: L



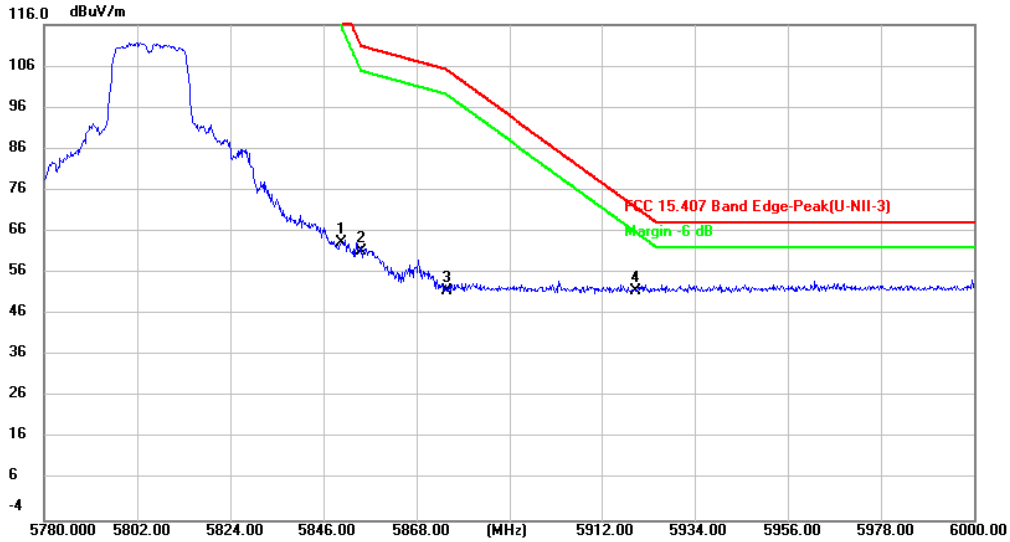
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	49.09	2.79	51.88	68.20	-16.32	peak	
2		5700.000	65.25	2.86	68.11	105.20	-37.09	peak	
3		5720.000	75.05	2.77	77.82	110.80	-32.98	peak	
4		5725.000	84.75	2.75	87.50	122.20	-34.70	peak	

Mode4 / Polarization: Vertical / CH: L



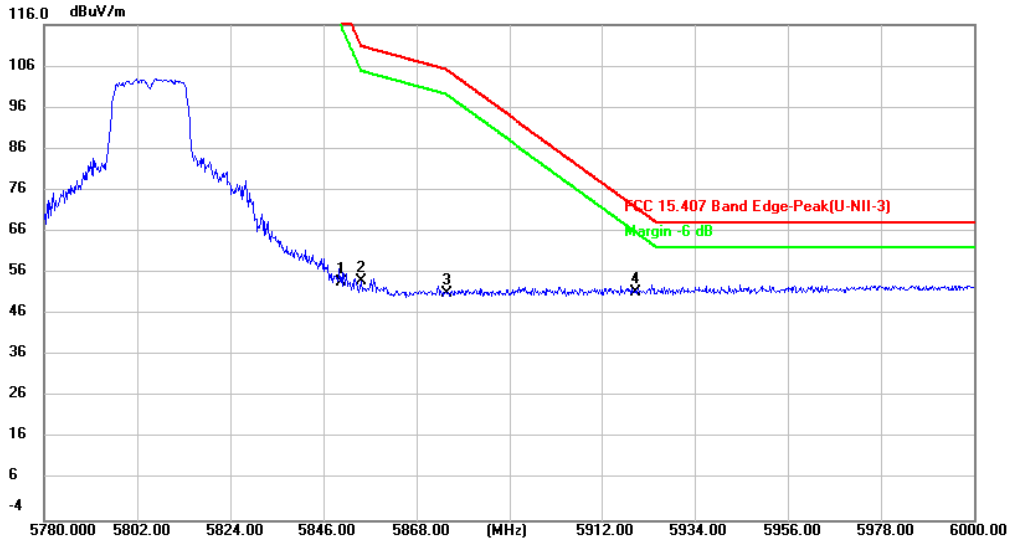
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.45	2.79	51.24	68.20	-16.96	peak	
2		5700.000	55.32	2.86	58.18	105.20	-47.02	peak	
3		5720.000	65.02	2.77	67.79	110.80	-43.01	peak	
4		5725.000	74.67	2.75	77.42	122.20	-44.78	peak	

Mode4 / Polarization: Horizontal / CH: H



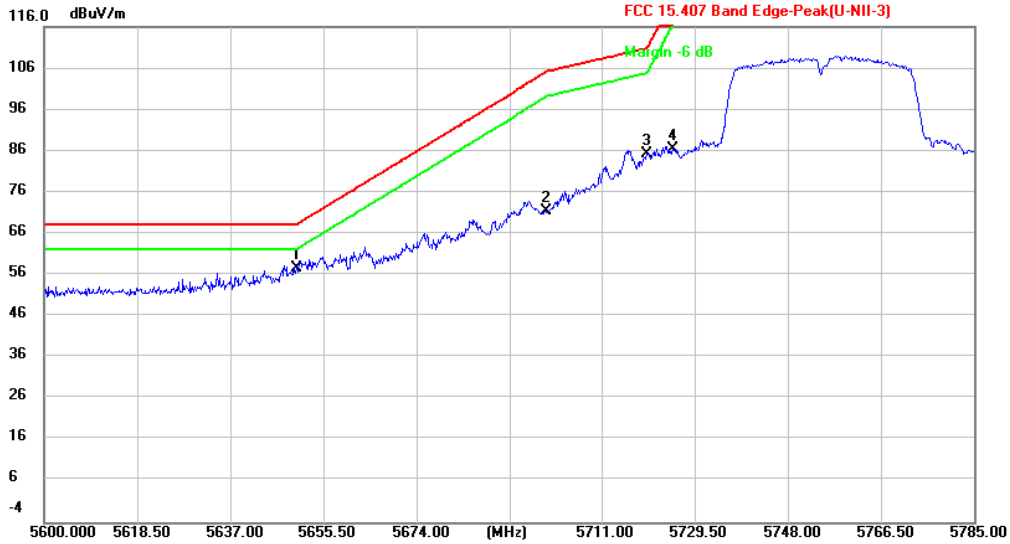
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	60.72	2.67	63.39	122.20	-58.81	peak	
2		5855.000	58.57	2.72	61.29	110.80	-49.51	peak	
3		5875.000	48.86	2.91	51.77	105.20	-53.43	peak	
4	*	5920.000	48.54	3.22	51.76	71.90	-20.14	peak	

Mode4 / Polarization: Vertical / CH: H



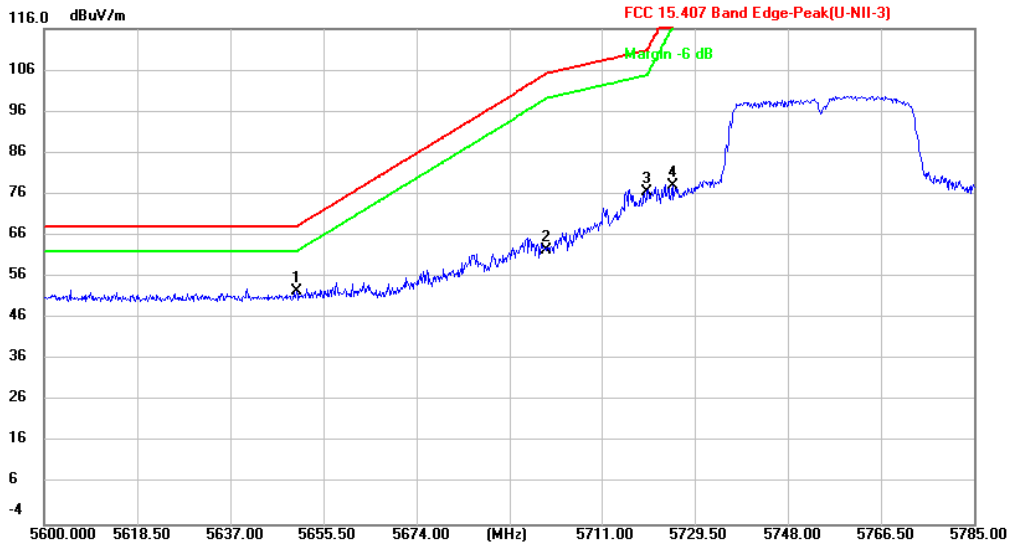
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	50.99	2.67	53.66	122.20	-68.54	peak	
2		5855.000	51.30	2.72	54.02	110.80	-56.78	peak	
3		5875.000	48.15	2.91	51.06	105.20	-54.14	peak	
4	*	5920.000	48.08	3.22	51.30	71.90	-20.60	peak	

Mode5 / Polarization: Horizontal / CH: L



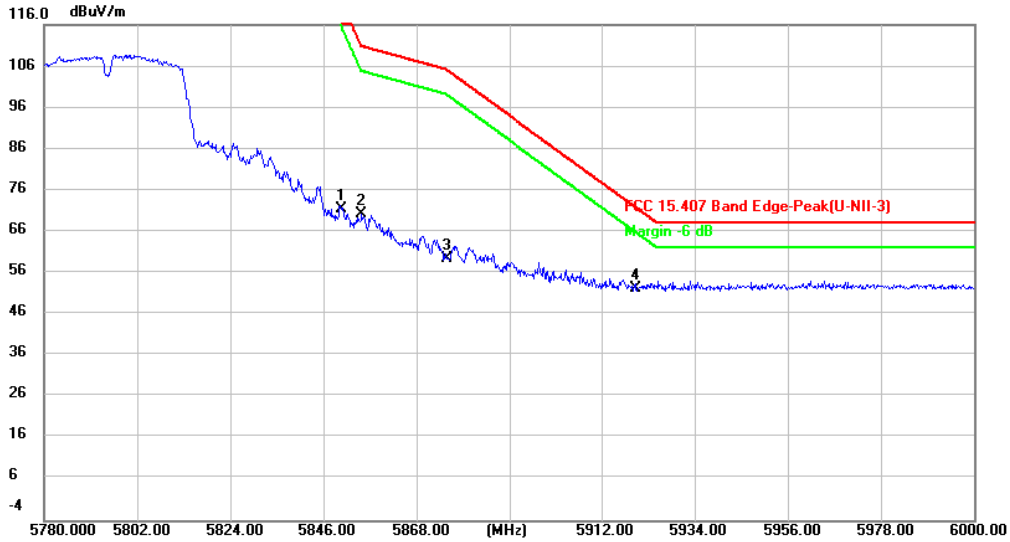
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	54.81	2.79	57.60	68.20	-10.60	peak	
2		5700.000	68.52	2.86	71.38	105.20	-33.82	peak	
3		5720.000	82.62	2.77	85.39	110.80	-25.41	peak	
4		5725.000	83.78	2.75	86.53	122.20	-35.67	peak	

Mode5 / Polarization: Vertical / CH: L



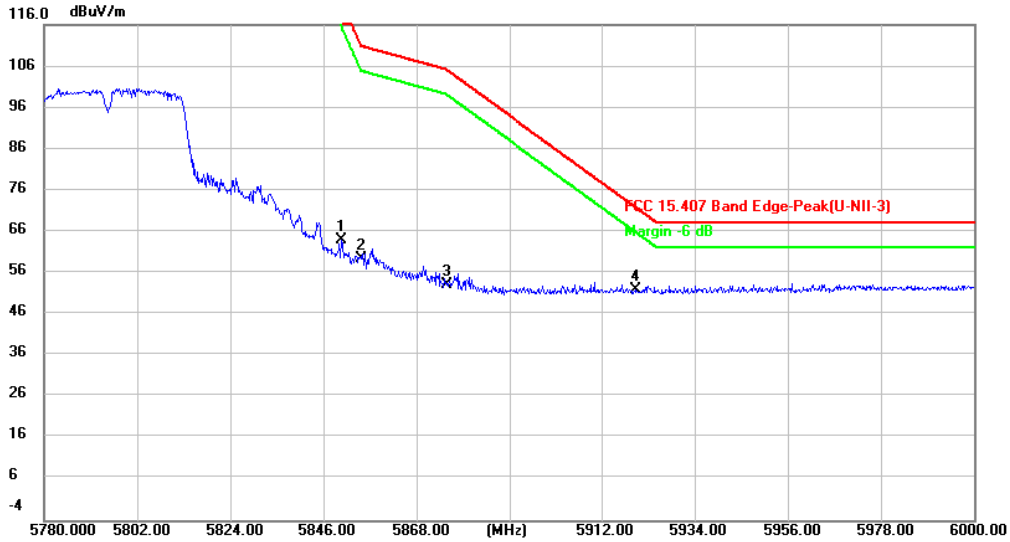
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	49.65	2.79	52.44	68.20	-15.76	peak	
2		5700.000	59.46	2.86	62.32	105.20	-42.88	peak	
3		5720.000	73.88	2.77	76.65	110.80	-34.15	peak	
4		5725.000	75.19	2.75	77.94	122.20	-44.26	peak	

Mode5 / Polarization: Horizontal / CH: H



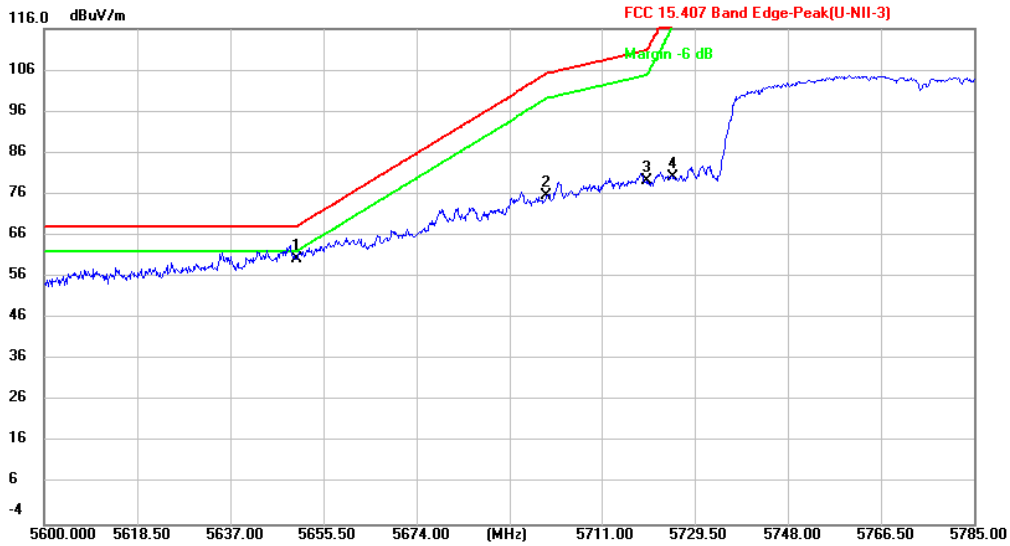
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	68.81	2.67	71.48	122.20	-50.72	peak	
2		5855.000	67.51	2.72	70.23	110.80	-40.57	peak	
3		5875.000	56.60	2.91	59.51	105.20	-45.69	peak	
4	*	5920.000	49.07	3.22	52.29	71.90	-19.61	peak	

Mode5 / Polarization: Vertical / CH: H



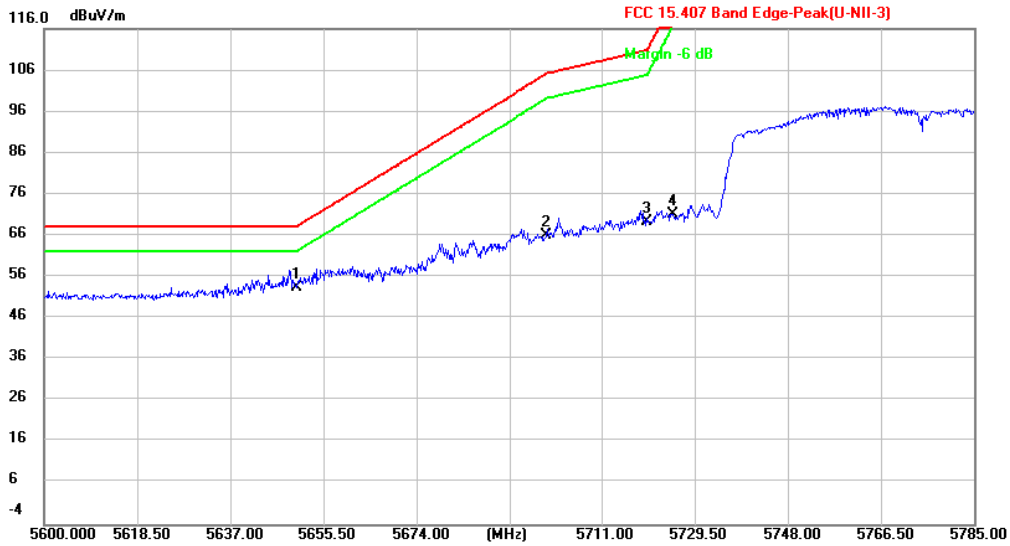
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	61.35	2.67	64.02	122.20	-58.18	peak	
2		5855.000	56.80	2.72	59.52	110.80	-51.28	peak	
3		5875.000	50.36	2.91	53.27	105.20	-51.93	peak	
4	*	5920.000	48.66	3.22	51.88	71.90	-20.02	peak	

Mode6 / Polarization: Horizontal / CH: L



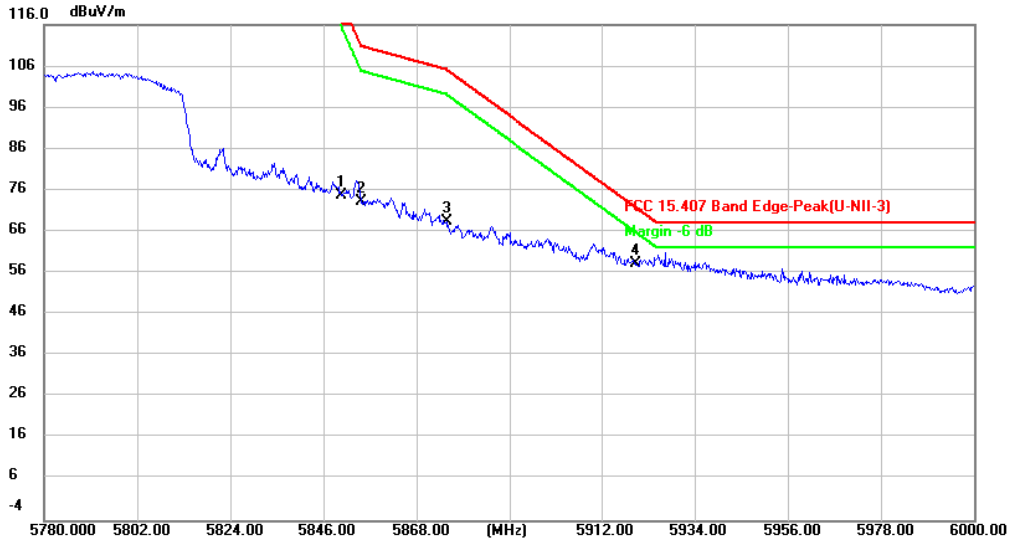
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	57.59	2.79	60.38	68.20	-7.82	peak	
2		5700.000	72.93	2.86	75.79	105.20	-29.41	peak	
3		5720.000	76.42	2.77	79.19	110.80	-31.61	peak	
4		5725.000	77.36	2.75	80.11	122.20	-42.09	peak	

Mode6 / Polarization: Vertical / CH: L



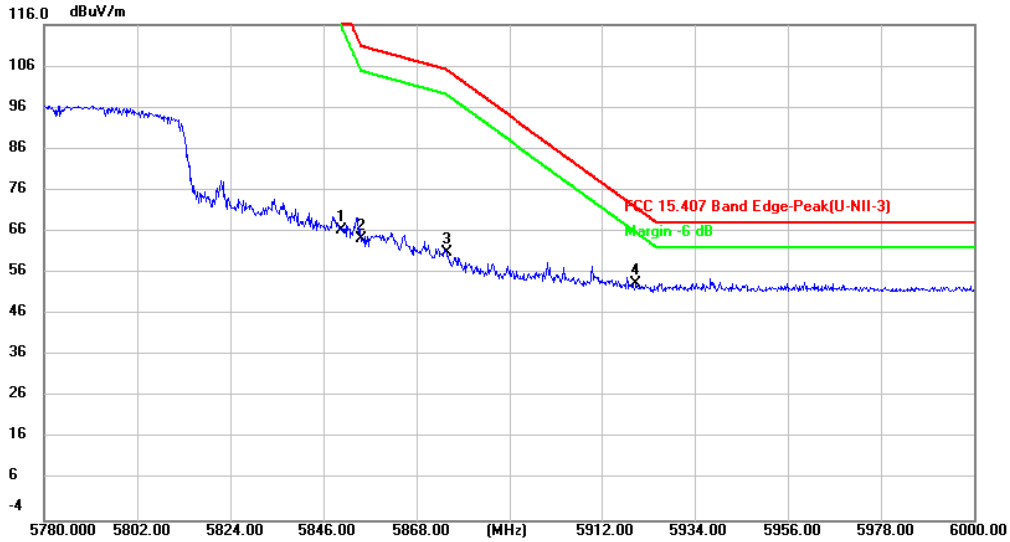
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	50.76	2.79	53.55	68.20	-14.65	peak	
2		5700.000	63.07	2.86	65.93	105.20	-39.27	peak	
3		5720.000	66.63	2.77	69.40	110.80	-41.40	peak	
4		5725.000	68.40	2.75	71.15	122.20	-51.05	peak	

Mode6 / Polarization: Horizontal / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	72.06	2.67	74.73	122.20	-47.47	peak	
2		5855.000	70.56	2.72	73.28	110.80	-37.52	peak	
3		5875.000	65.64	2.91	68.55	105.20	-36.65	peak	
4	*	5920.000	55.01	3.22	58.23	71.90	-13.67	peak	

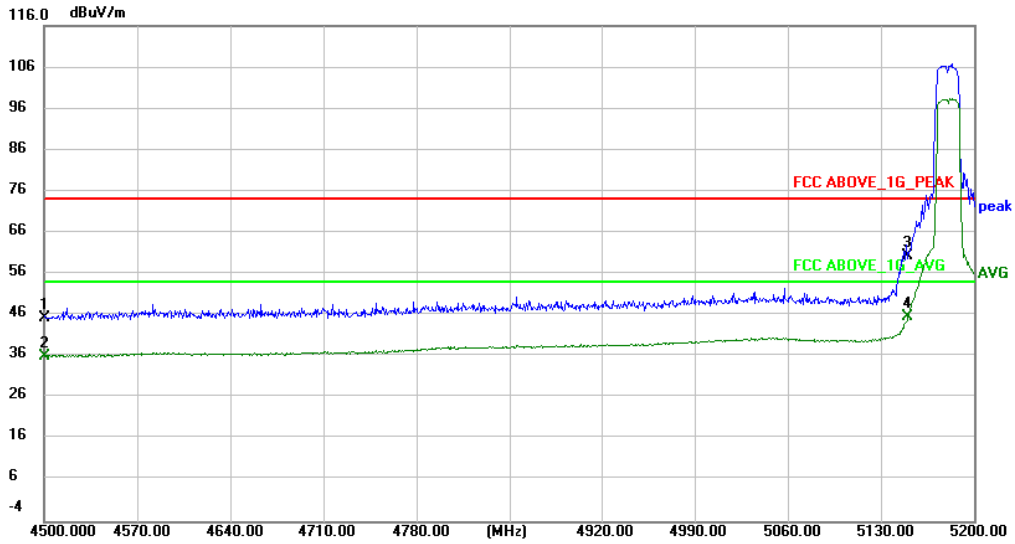
Mode6 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	63.55	2.67	66.22	122.20	-55.98	peak	
2		5855.000	61.49	2.72	64.21	110.80	-46.59	peak	
3		5875.000	58.07	2.91	60.98	105.20	-44.22	peak	
4	*	5920.000	50.34	3.22	53.56	71.90	-18.34	peak	

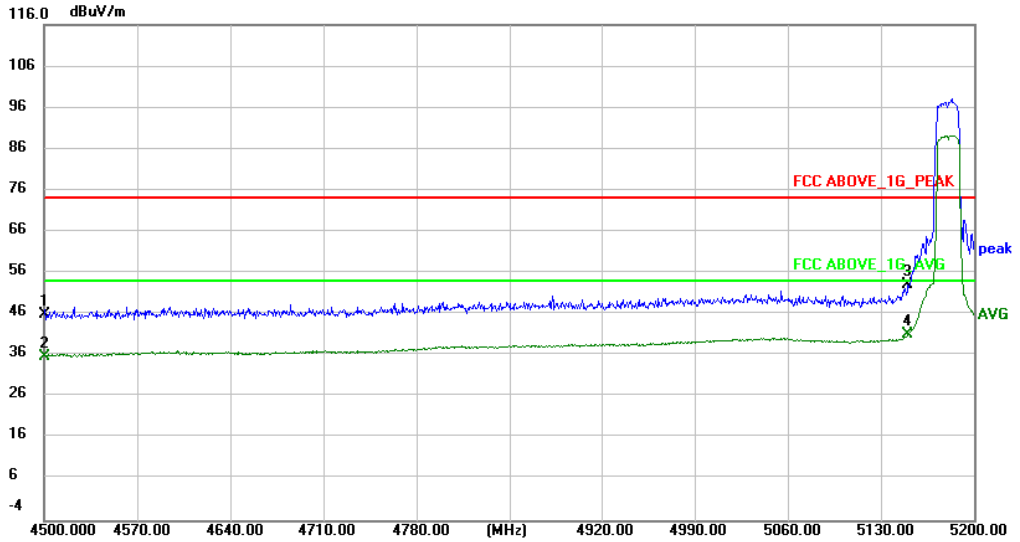
Band 1 ANT2

Mode1 / Polarization: Horizontal / CH: L



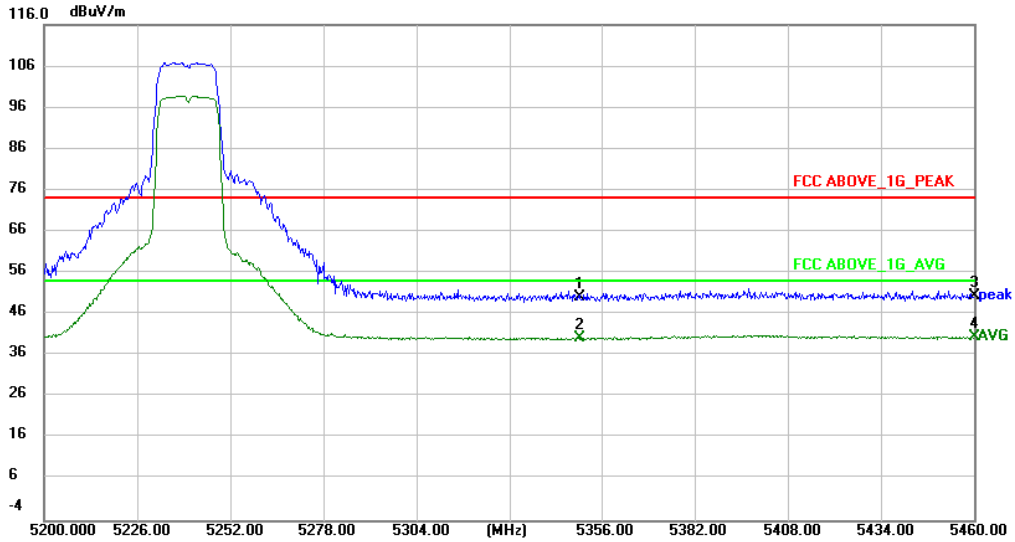
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.41	-1.08	45.33	74.00	-28.67	peak	
2		4500.000	37.08	-1.08	36.00	54.00	-18.00	AVG	
3		5150.000	58.59	1.85	60.44	74.00	-13.56	peak	
4	*	5150.000	43.87	1.85	45.72	54.00	-8.28	AVG	

Mode1 / Polarization: Vertical / CH: L



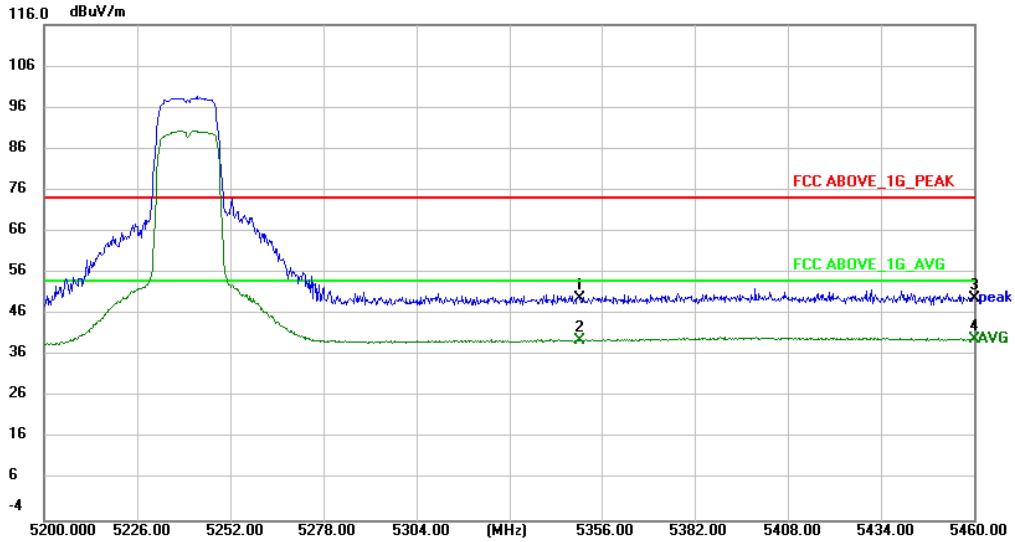
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.13	-1.08	46.05	74.00	-27.95	peak	
2		4500.000	36.96	-1.08	35.88	54.00	-18.12	AVG	
3		5150.000	51.21	1.85	53.06	74.00	-20.94	peak	
4	*	5150.000	39.30	1.85	41.15	54.00	-12.85	AVG	

Mode1 / Polarization: Horizontal / CH: H



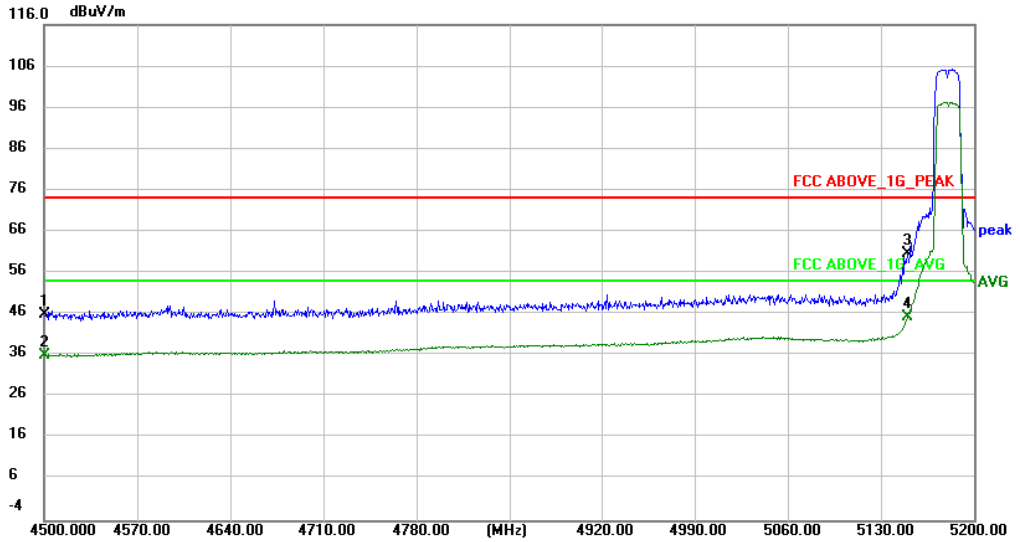
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.91	2.30	50.21	74.00	-23.79	peak	
2		5350.000	37.92	2.30	40.22	54.00	-13.78	AVG	
3		5460.000	48.14	2.24	50.38	74.00	-23.62	peak	
4	*	5460.000	38.19	2.24	40.43	54.00	-13.57	AVG	

Mode1 / Polarization: Vertical / CH: H



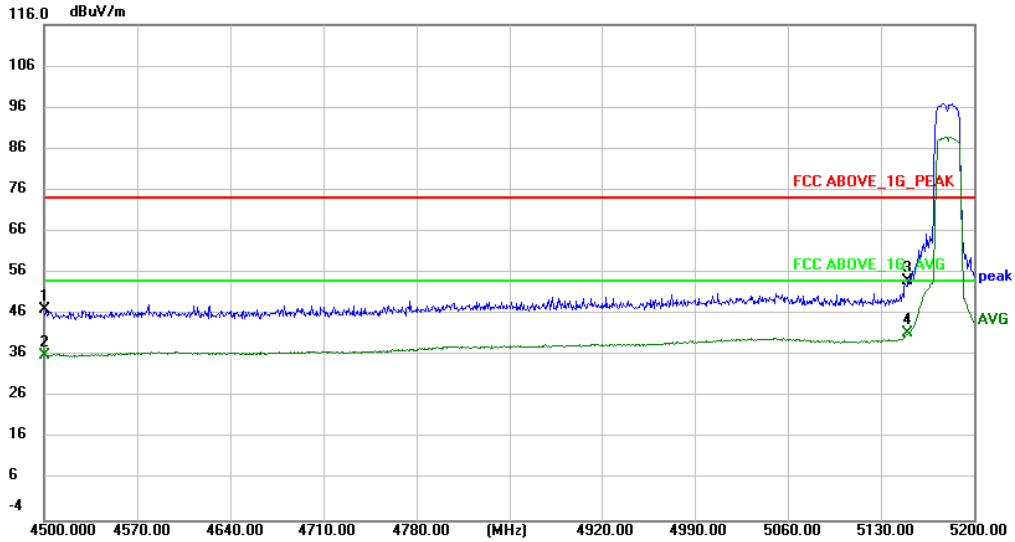
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.55	2.30	49.85	74.00	-24.15	peak	
2		5350.000	37.25	2.30	39.55	54.00	-14.45	AVG	
3		5460.000	47.48	2.24	49.72	74.00	-24.28	peak	
4	*	5460.000	37.75	2.24	39.99	54.00	-14.01	AVG	

Mode2 / Polarization: Horizontal / CH: L



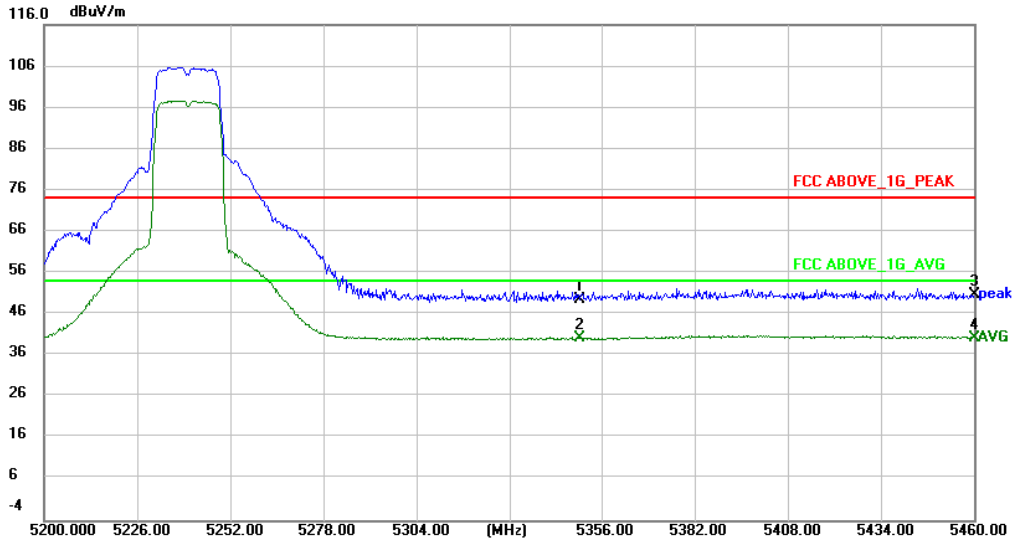
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.00	-1.08	45.92	74.00	-28.08	peak	
2		4500.000	36.99	-1.08	35.91	54.00	-18.09	AVG	
3		5150.000	58.79	1.85	60.64	74.00	-13.36	peak	
4	*	5150.000	43.45	1.85	45.30	54.00	-8.70	AVG	

Mode2 / Polarization: Vertical / CH: L



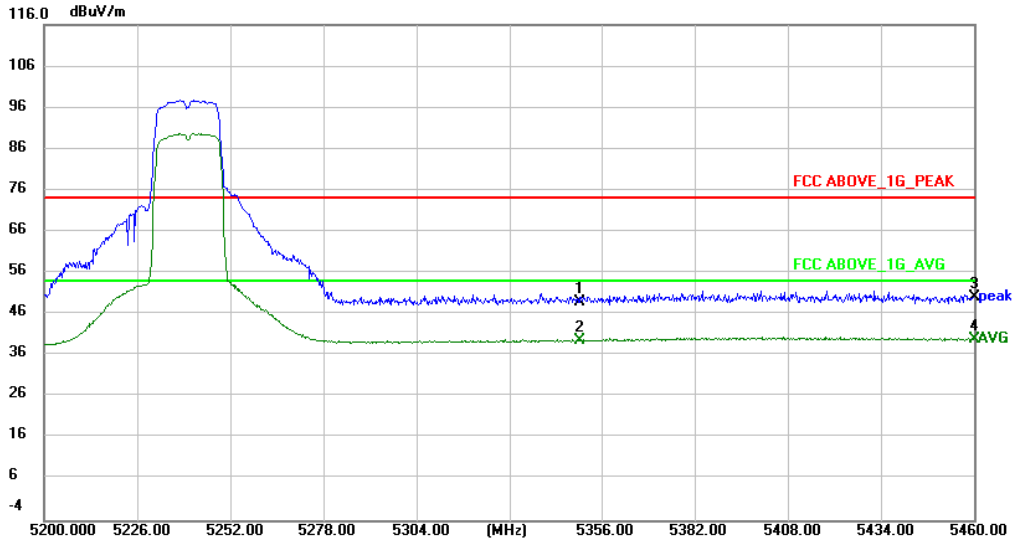
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	48.14	-1.08	47.06	74.00	-26.94	peak	
2		4500.000	37.19	-1.08	36.11	54.00	-17.89	AVG	
3		5150.000	52.31	1.85	54.16	74.00	-19.84	peak	
4	*	5150.000	39.49	1.85	41.34	54.00	-12.66	AVG	

Mode2 / Polarization: Horizontal / CH: H



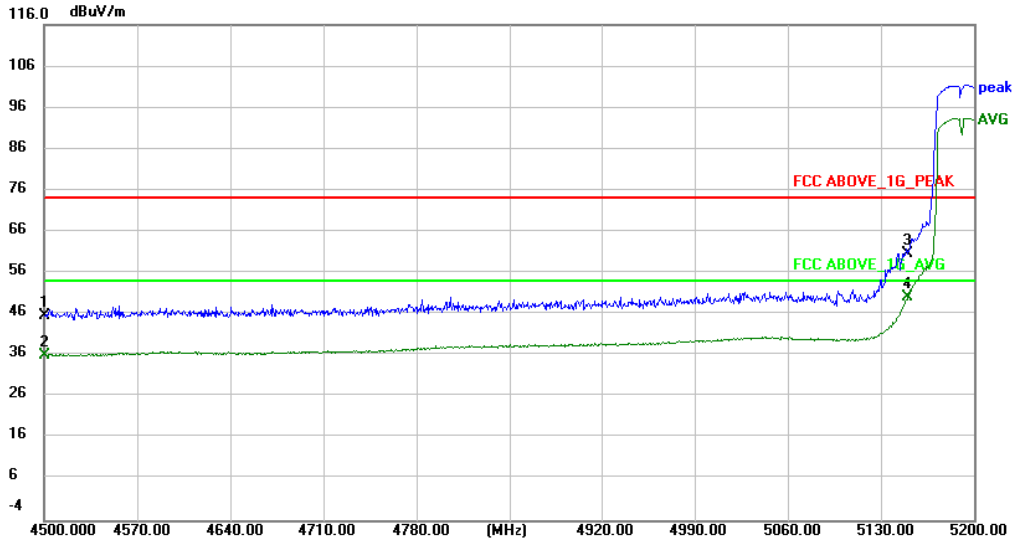
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.33	2.30	49.63	74.00	-24.37	peak	
2		5350.000	37.89	2.30	40.19	54.00	-13.81	AVG	
3		5460.000	48.45	2.24	50.69	74.00	-23.31	peak	
4	*	5460.000	38.13	2.24	40.37	54.00	-13.63	AVG	

Mode2 / Polarization: Vertical / CH: H



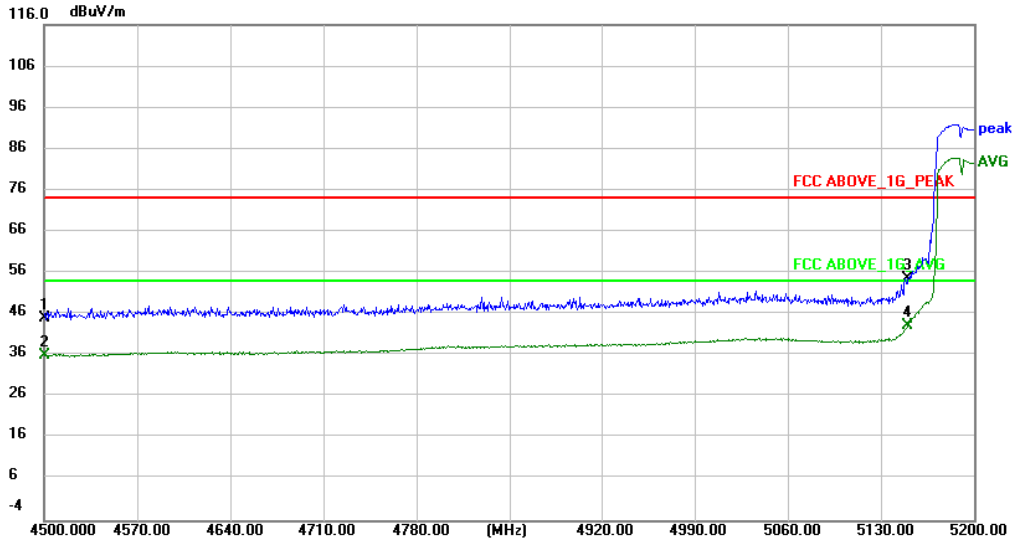
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	46.56	2.30	48.86	74.00	-25.14	peak	
2		5350.000	37.35	2.30	39.65	54.00	-14.35	AVG	
3		5460.000	47.89	2.24	50.13	74.00	-23.87	peak	
4	*	5460.000	37.79	2.24	40.03	54.00	-13.97	AVG	

Mode3 / Polarization: Horizontal / CH: L



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.83	-1.08	45.75	74.00	-28.25	peak	
2		4500.000	37.03	-1.08	35.95	54.00	-18.05	AVG	
3		5150.000	58.80	1.85	60.65	74.00	-13.35	peak	
4	*	5150.000	48.24	1.85	50.09	54.00	-3.91	AVG	

Mode3 / Polarization: Vertical / CH: L

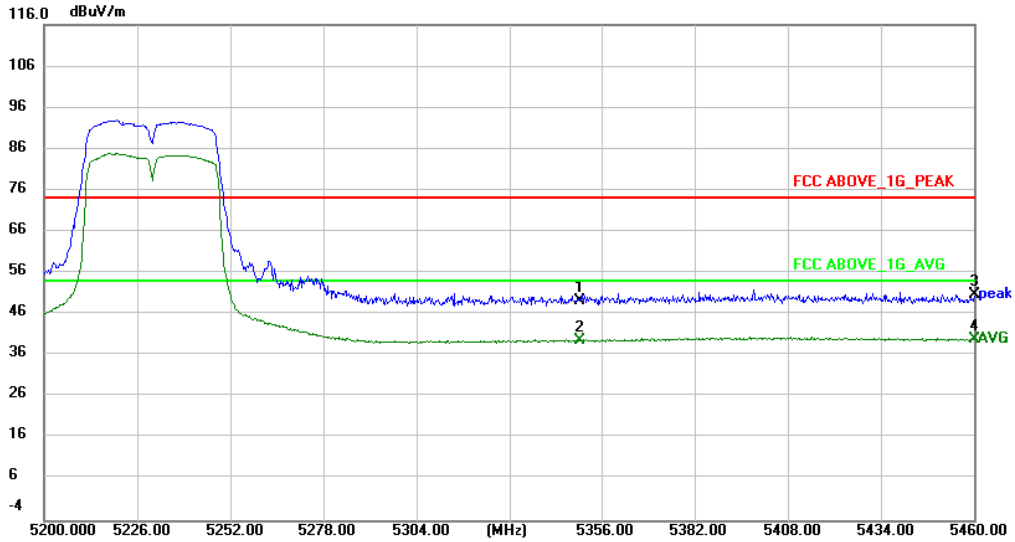


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.20	-1.08	45.12	74.00	-28.88	peak	
2		4500.000	37.26	-1.08	36.18	54.00	-17.82	AVG	
3		5150.000	52.87	1.85	54.72	74.00	-19.28	peak	
4	*	5150.000	41.38	1.85	43.23	54.00	-10.77	AVG	

Mode3 / Polarization: Horizontal / CH: H

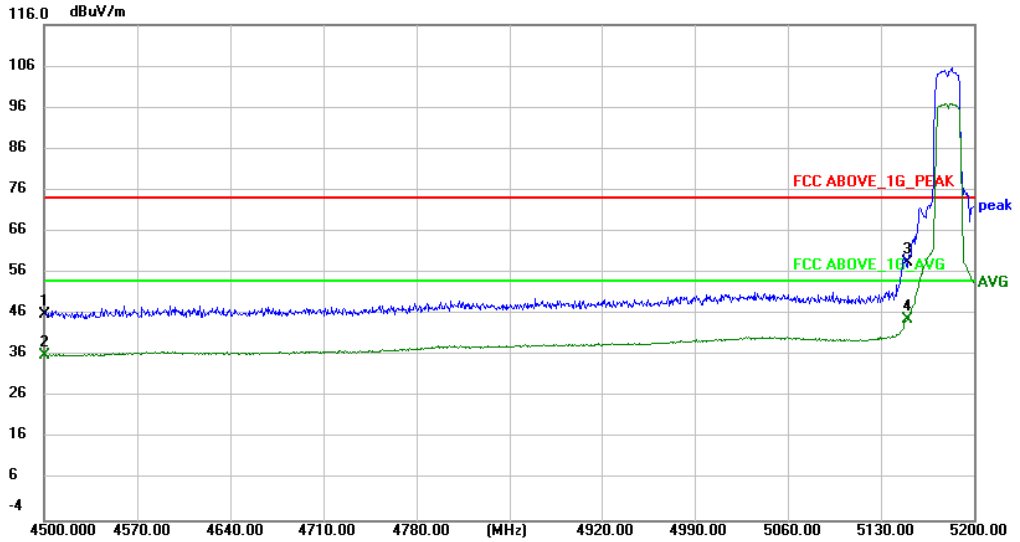
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.77	2.30	50.07	74.00	-23.93	peak	
2		5350.000	37.85	2.30	40.15	54.00	-13.85	AVG	
3		5460.000	47.28	2.24	49.52	74.00	-24.48	peak	
4	*	5460.000	38.34	2.24	40.58	54.00	-13.42	AVG	

Mode3 / Polarization: Vertical / CH: H



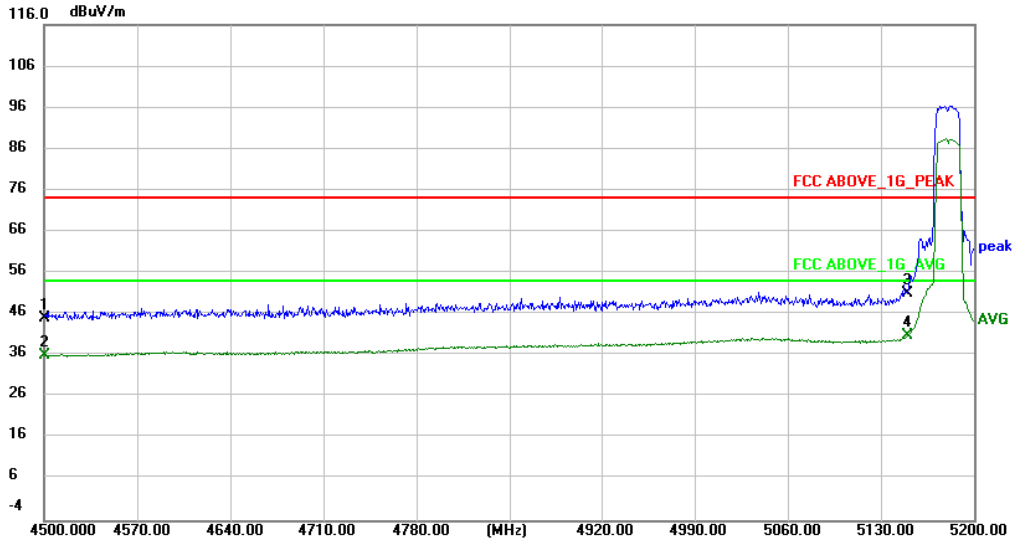
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.04	2.30	49.34	74.00	-24.66	peak	
2		5350.000	37.47	2.30	39.77	54.00	-14.23	AVG	
3		5460.000	48.49	2.24	50.73	74.00	-23.27	peak	
4	*	5460.000	37.71	2.24	39.95	54.00	-14.05	AVG	

Mode4 / Polarization: Horizontal / CH: L



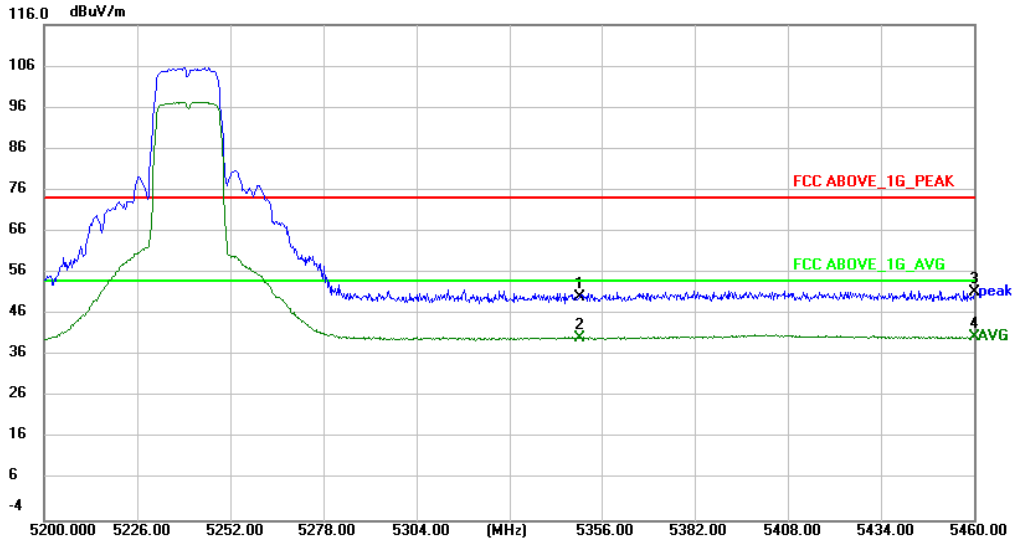
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.10	-1.08	46.02	74.00	-27.98	peak	
2		4500.000	37.14	-1.08	36.06	54.00	-17.94	AVG	
3		5150.000	56.73	1.85	58.58	74.00	-15.42	peak	
4	*	5150.000	43.02	1.85	44.87	54.00	-9.13	AVG	

Mode4 / Polarization: Vertical / CH: L



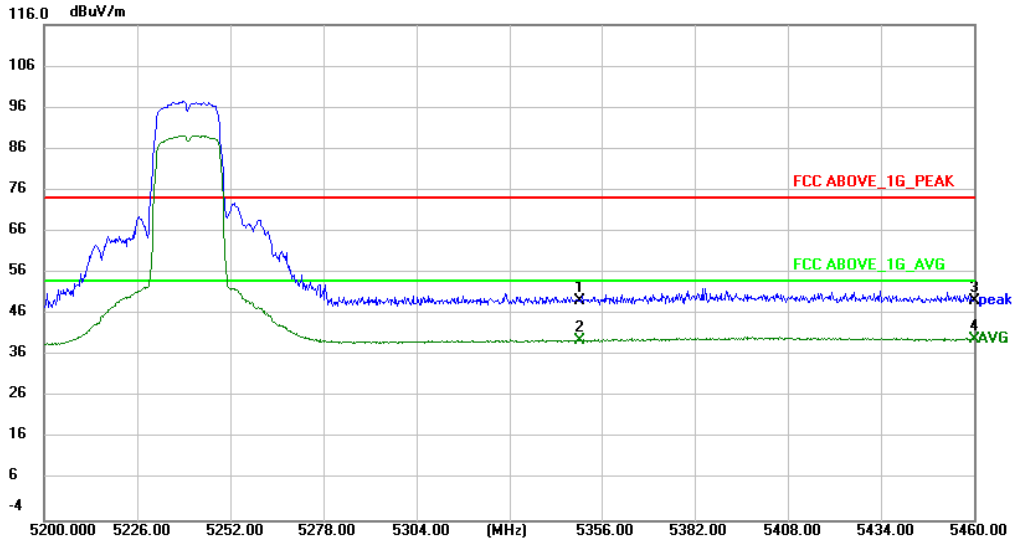
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.23	-1.08	45.15	74.00	-28.85	peak	
2		4500.000	37.24	-1.08	36.16	54.00	-17.84	AVG	
3		5150.000	49.29	1.85	51.14	74.00	-22.86	peak	
4	*	5150.000	39.02	1.85	40.87	54.00	-13.13	AVG	

Mode4 / Polarization: Horizontal / CH: H



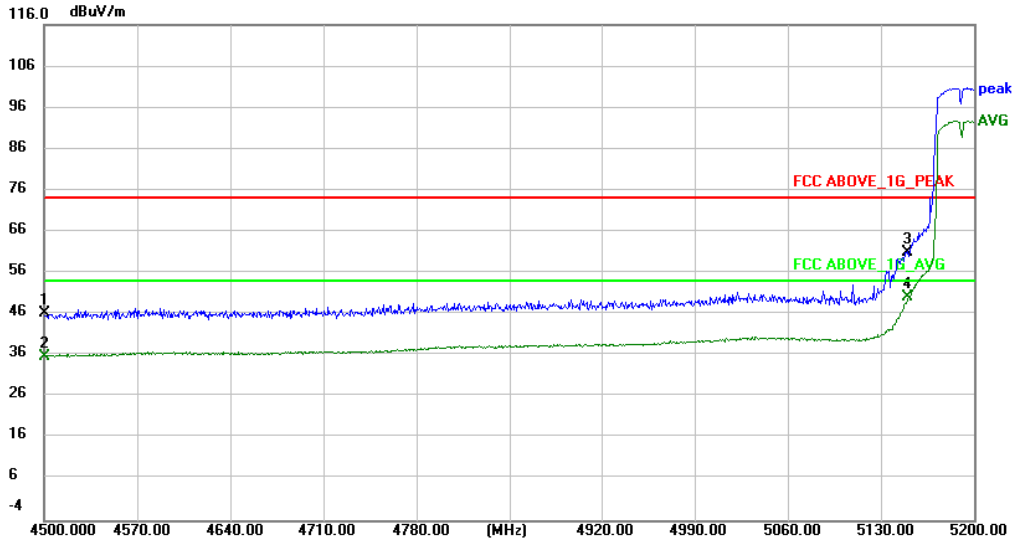
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	48.00	2.30	50.30	74.00	-23.70	peak	
2		5350.000	37.85	2.30	40.15	54.00	-13.85	AVG	
3		5460.000	49.00	2.24	51.24	74.00	-22.76	peak	
4	*	5460.000	38.29	2.24	40.53	54.00	-13.47	AVG	

Mode4 / Polarization: Vertical / CH: H



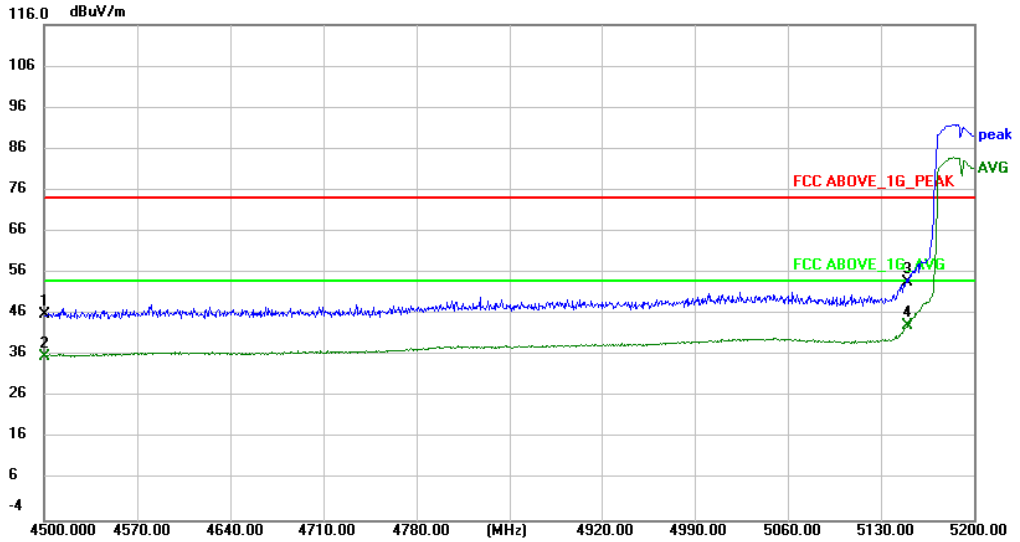
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.06	2.30	49.36	74.00	-24.64	peak	
2		5350.000	37.31	2.30	39.61	54.00	-14.39	AVG	
3		5460.000	47.04	2.24	49.28	74.00	-24.72	peak	
4	*	5460.000	37.62	2.24	39.86	54.00	-14.14	AVG	

Mode5 / Polarization: Horizontal / CH: L



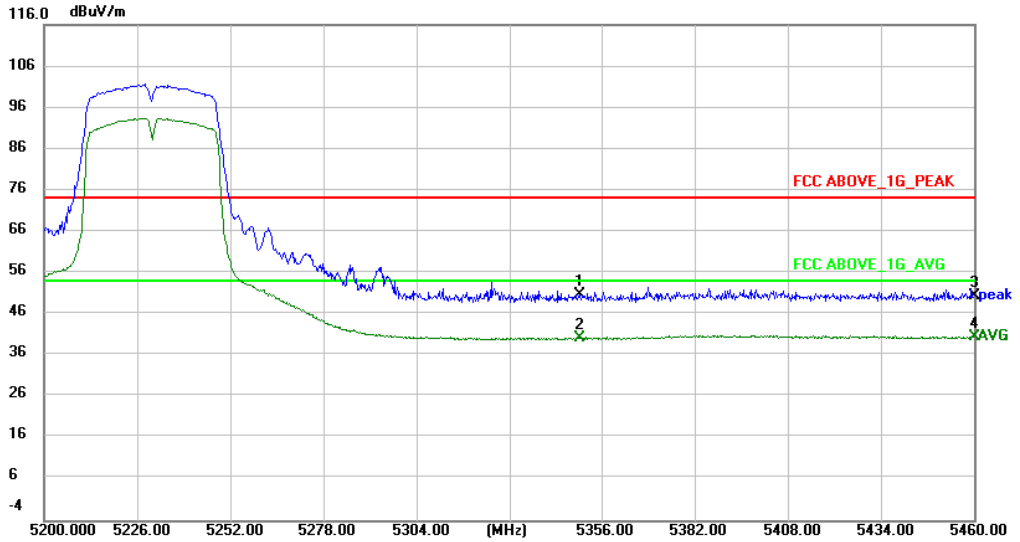
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.47	-1.08	46.39	74.00	-27.61	peak	
2		4500.000	36.96	-1.08	35.88	54.00	-18.12	AVG	
3		5150.000	59.06	1.85	60.91	74.00	-13.09	peak	
4	*	5150.000	48.37	1.85	50.22	54.00	-3.78	AVG	

Mode5 / Polarization: Vertical / CH: L



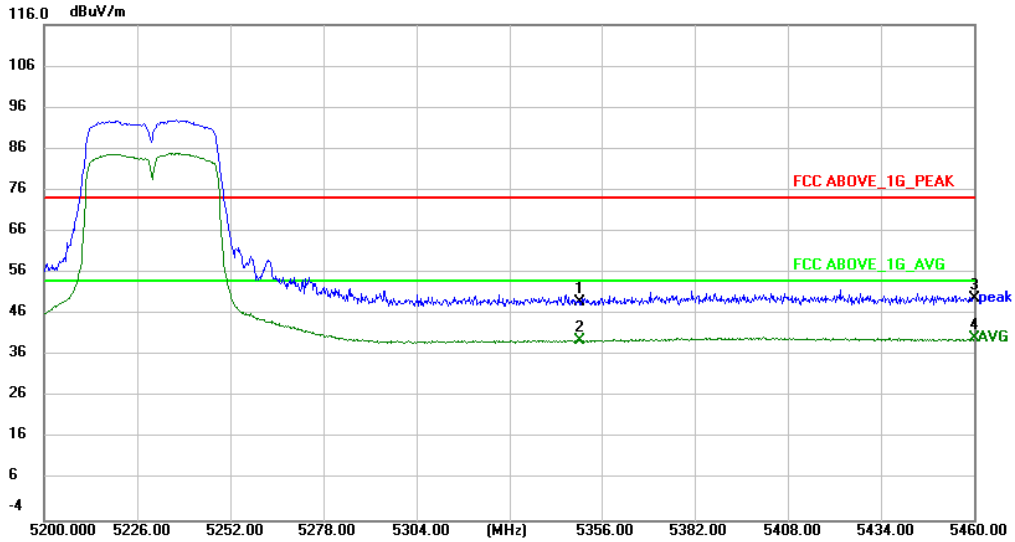
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.15	-1.08	46.07	74.00	-27.93	peak	
2		4500.000	36.96	-1.08	35.88	54.00	-18.12	AVG	
3		5150.000	51.94	1.85	53.79	74.00	-20.21	peak	
4	*	5150.000	41.47	1.85	43.32	54.00	-10.68	AVG	

Mode5 / Polarization: Horizontal / CH: H



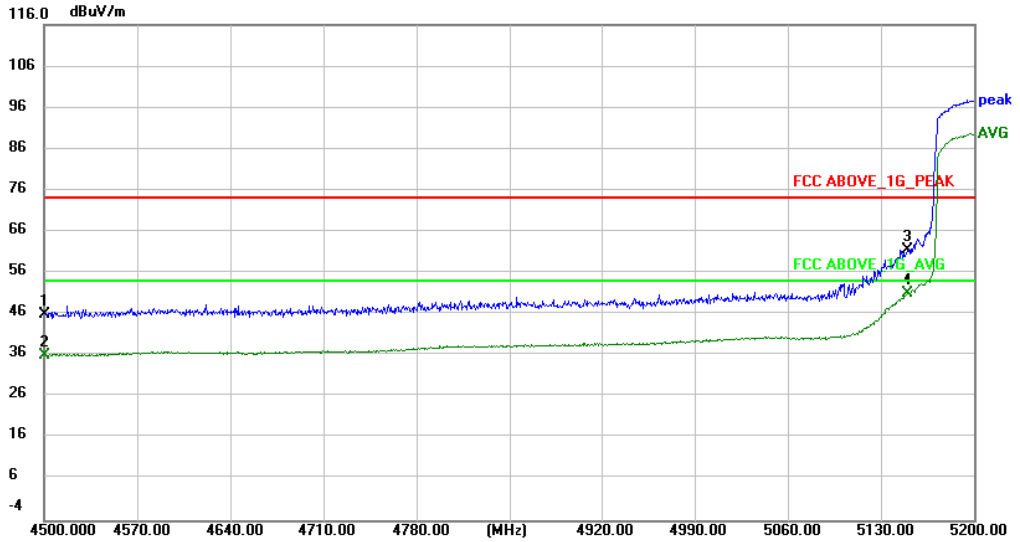
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	48.34	2.30	50.64	74.00	-23.36	peak	
2		5350.000	38.00	2.30	40.30	54.00	-13.70	AVG	
3		5460.000	48.12	2.24	50.36	74.00	-23.64	peak	
4	*	5460.000	38.42	2.24	40.66	54.00	-13.34	AVG	

Mode5 / Polarization: Vertical / CH: H



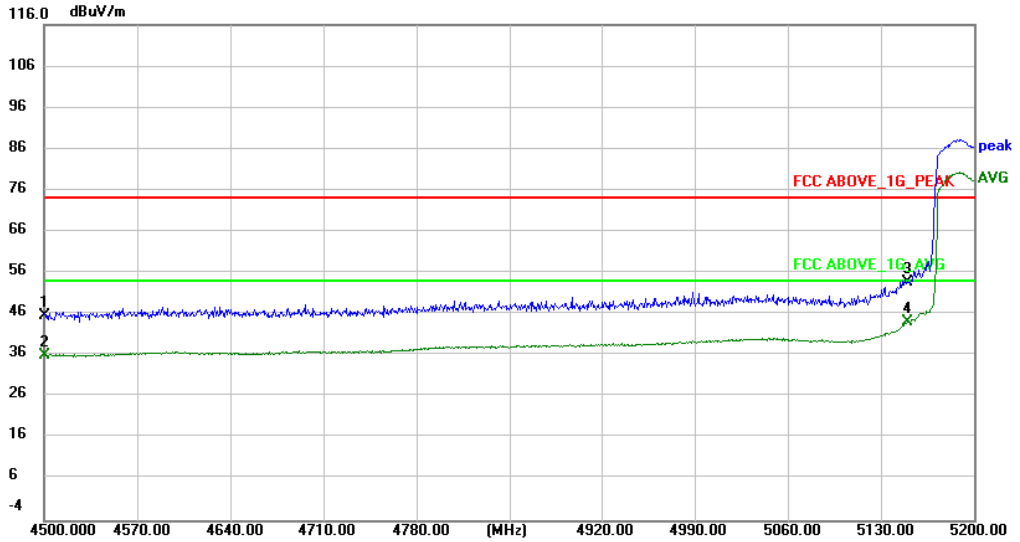
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	46.54	2.30	48.84	74.00	-25.16	peak	
2		5350.000	37.36	2.30	39.66	54.00	-14.34	AVG	
3		5460.000	47.74	2.24	49.98	74.00	-24.02	peak	
4	*	5460.000	37.93	2.24	40.17	54.00	-13.83	AVG	

Mode6 / Polarization: Horizontal / CH: L



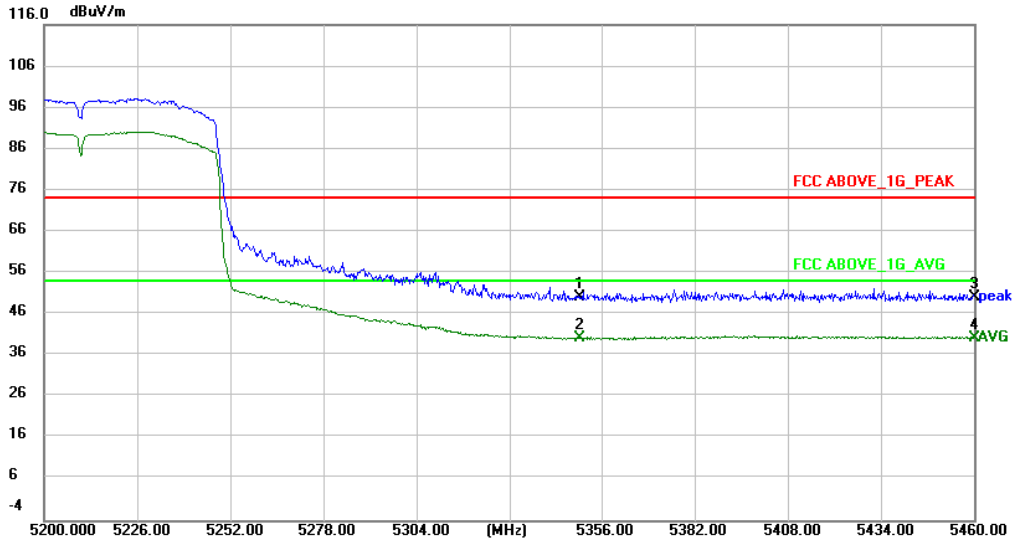
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	47.03	-1.08	45.95	74.00	-28.05	peak	
2		4500.000	37.01	-1.08	35.93	54.00	-18.07	AVG	
3		5150.000	59.63	1.85	61.48	74.00	-12.52	peak	
4	*	5150.000	49.14	1.85	50.99	54.00	-3.01	AVG	

Mode6 / Polarization: Vertical / CH: L



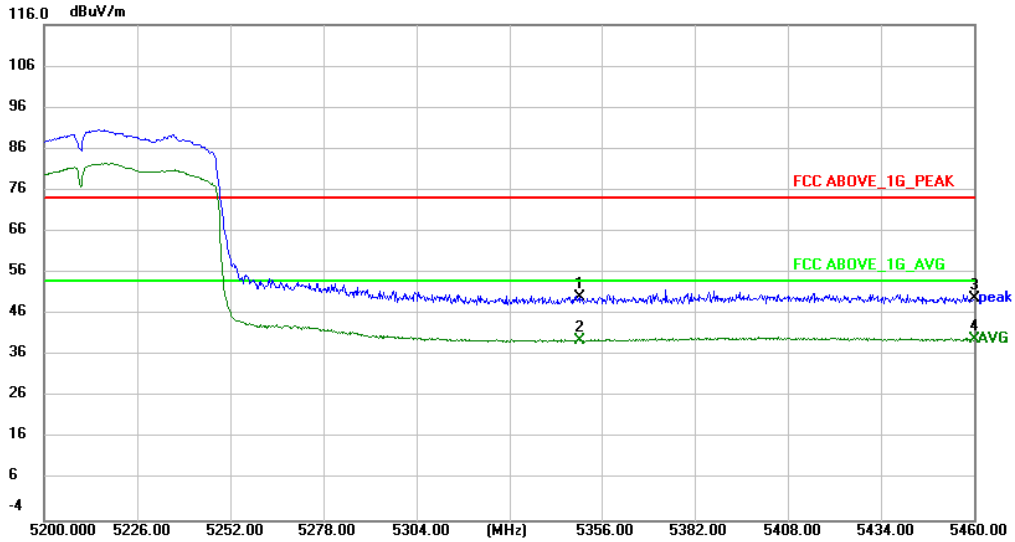
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.81	-1.08	45.73	74.00	-28.27	peak	
2		4500.000	37.19	-1.08	36.11	54.00	-17.89	AVG	
3		5150.000	52.00	1.85	53.85	74.00	-20.15	peak	
4	*	5150.000	42.36	1.85	44.21	54.00	-9.79	AVG	

Mode6 / Polarization: Horizontal / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.88	2.30	50.18	74.00	-23.82	peak	
2		5350.000	37.94	2.30	40.24	54.00	-13.76	AVG	
3		5460.000	47.78	2.24	50.02	74.00	-23.98	peak	
4	*	5460.000	38.14	2.24	40.38	54.00	-13.62	AVG	

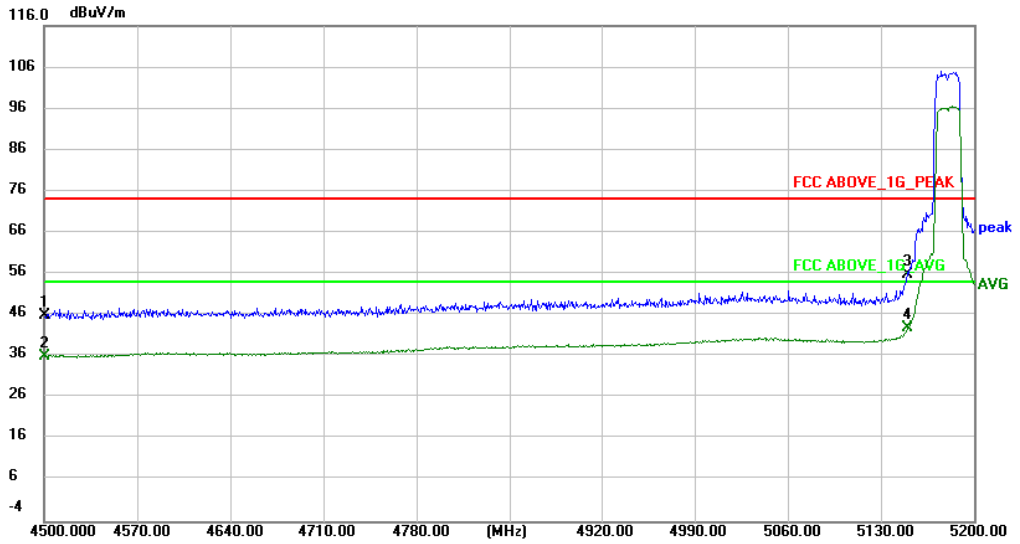
Mode6 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.92	2.30	50.22	74.00	-23.78	peak	
2		5350.000	37.34	2.30	39.64	54.00	-14.36	AVG	
3		5460.000	47.53	2.24	49.77	74.00	-24.23	peak	
4	*	5460.000	37.59	2.24	39.83	54.00	-14.17	AVG	

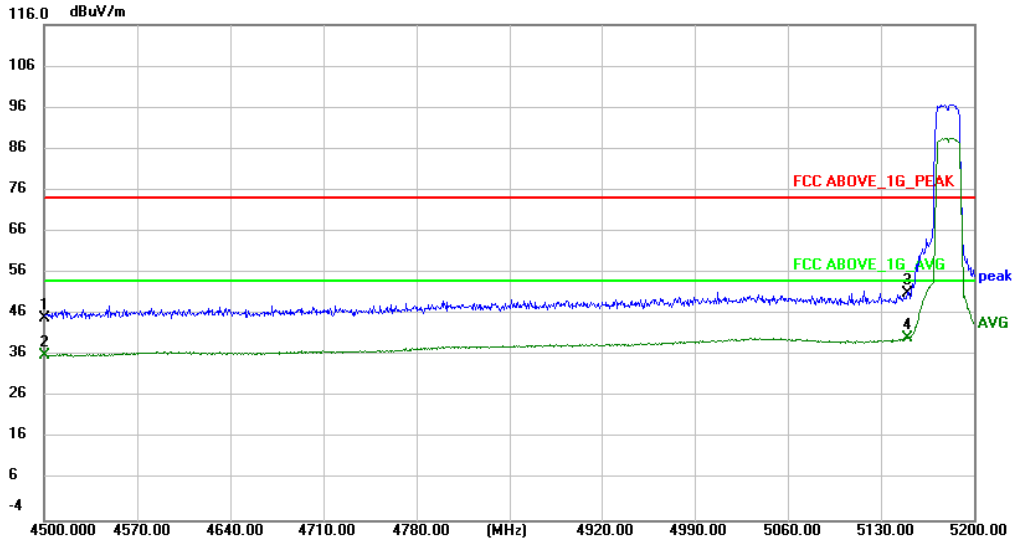
ANT1+ ANT2 Band1:

Mode7 / Polarization: Horizontal / CH: L



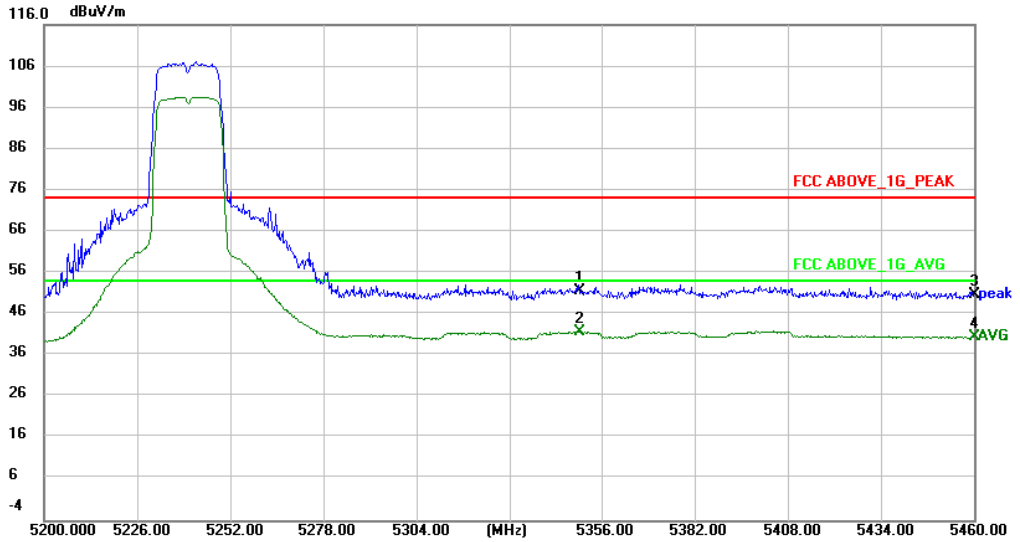
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.96	-1.08	45.88	74.00	-28.12	peak	
2		4500.000	37.17	-1.08	36.09	54.00	-17.91	AVG	
3		5150.000	53.99	1.85	55.84	74.00	-18.16	peak	
4	*	5150.000	41.00	1.85	42.85	54.00	-11.15	AVG	

Mode7 / Polarization: Vertical / CH: L



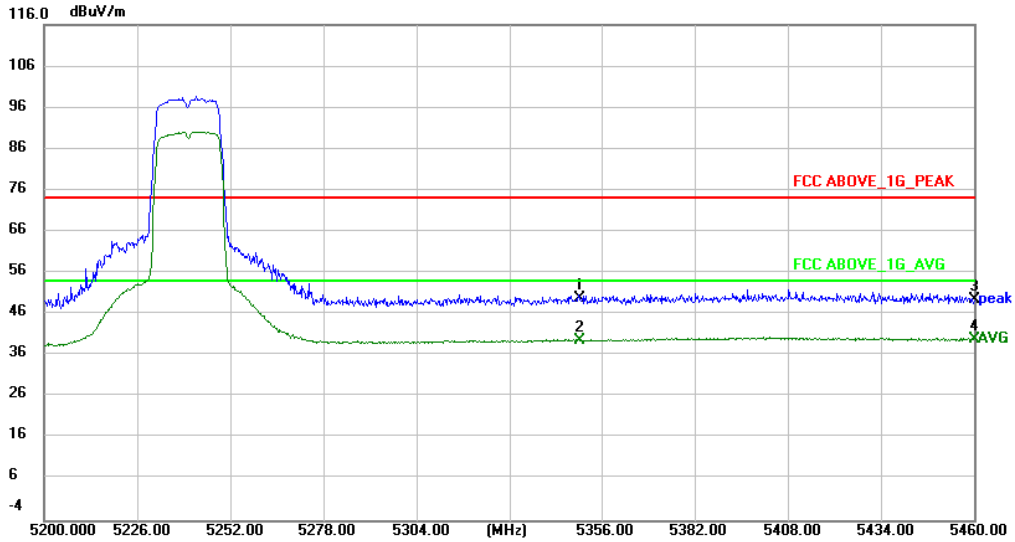
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4500.000	46.15	-1.08	45.07	74.00	-28.93	peak	
2		4500.000	37.16	-1.08	36.08	54.00	-17.92	AVG	
3		5150.000	49.12	1.85	50.97	74.00	-23.03	peak	
4	*	5150.000	38.47	1.85	40.32	54.00	-13.68	AVG	

Mode7 / Polarization: Horizontal / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	49.41	2.30	51.71	74.00	-22.29	peak	
2	*	5350.000	39.32	2.30	41.62	54.00	-12.38	AVG	
3		5460.000	48.42	2.24	50.66	74.00	-23.34	peak	
4		5460.000	38.24	2.24	40.48	54.00	-13.52	AVG	

Mode7 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5350.000	47.64	2.30	49.94	74.00	-24.06	peak	
2		5350.000	37.41	2.30	39.71	54.00	-14.29	AVG	
3		5460.000	47.40	2.24	49.64	74.00	-24.36	peak	
4	*	5460.000	37.66	2.24	39.90	54.00	-14.10	AVG	