FCC Radio Test Report

FCC ID: TE7CPE610V2

This report concerns (check one): ☒**Original Grant** ☐**Class I Change** ☐**Class II Change**

Project No.	:	1807C005
Equipment	:	5GHz 300Mbps 23dBi Outdoor CPE
Test Model	:	CPE610
Series Model	:	N/A
Applicant	:	TP-Link Technologies Co., Ltd.
Address	:	Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China

Date of Receipt	:	Jul. 02, 2018
Date of Test	:	Jul. 26, 2018~Aug. 20, 2018
Issued Date	:	Sep. 07, 2018
Tested by	:	BTL Inc.

Testing Engineer : Welly Zhou
(Welly Zhou)

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NVLAP TESTING
NVLAP LAB CODE 200788-0

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1807C005	Original Issue.	Sep. 07, 2018

1. CERTIFICATION

Equipment	:	5GHz 300Mbps 23dBi Outdoor CPE
Brand Name	:	tp-link
Test Model	:	CPE610
Series Model	:	N/A
Applicant	:	TP-Link Technologies Co., Ltd.
Manufacturer	:	TP-Link Technologies Co., Ltd.
Address	:	Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China
Date of Test	:	Jul. 26, 2018~Aug. 20, 2018
Test Sample	:	Engineering Sample No.: D180705399
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1807C005) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)			
Standard(s) Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	Spectrum Bandwidth	PASS	
15.407(a)	Maximum Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 854385
BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) k=1.96 or k=2(which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)). Measurement Uncertainty for a Level of Confidence of 95 %, U=2xUc(y).

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	2.32

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz~30MHz	V	3.79
		9kHz~30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.60
		200MHz ~ 1,000MHz	V	3.86
		200MHz ~ 1,000MHz	H	3.94
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	5GHz 300Mbps 23dBi Outdoor CPE	
Brand Name	tp-link	
Test Model	CPE610	
Series Model	N/A	
Model Difference(s)	N/A	
Product Description	Operation Frequency	UNII-3: 5725 MHz~5850 MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300Mbps
	Output Power (Max.) - Group 1	802.11a (10M): 15.30dBm 802.11n (10M): 15.17dBm 802.11a (20M): 15.21dBm 802.11n (20M): 14.98dBm 802.11n (40M): 14.94dBm
	Output Power (Max.) - Group 2	802.11a (10M): 24.65dBm 802.11n (10M): 24.66dBm 802.11a (20M): 20.64dBm 802.11n (20M): 24.42dBm 802.11n (40M): 24.61dBm
Power Source	EUT: Supplied from POE adapter. EUT(POE Adapter): AC Mains. Brand/Model: tp-link/TL-POE2412G	
Power Rating	EUT: 24V⎓0.5A Passive PoE EUT(POE Adapter): Input: 100-240V~ 50/60Hz 0.4A Output: 24V⎓0.5A	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Channel List:

802.11a 10MHz 802.11a 20MHz 802.11n 10MHz 802.11n 20MHz		802.11n 40MHz	
UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755
153	5765	159	5795
157	5785		
161	5805		
165	5825		

3. Antenna Specification:

For Group 1:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	TP-LINK	N/A	Monopole	N/A	20.80
2	TP-LINK	N/A	Monopole	N/A	18.38

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

(2) The antenna of Group 1 were fixed point to point,so the power and PSD limit not need to be reduced.

For Group 2:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	TP-LINK	N/A	Internal	N/A	6.29
2	TP-LINK	N/A	Internal	N/A	4.4

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R),

So Directional gain =10log[($10^{G1/20}$+$10^{G2/20}$+...$10^{GN/20}$)^2/N]dBi,

that is Directional gain=10log[($10^{6.29/20}$+$10^{4.4/20}$)^2/2]dBi =8.41;

So,the UNII-3 output power limit is 30-8.41+6=27.59,

The UNII-3 power density limit is 30-8.41+6=27.59.

(2) The antenna of Group 2 were point to multipoint,so the limit will be correspondingly reduced by subtracting the part of Deration Gain greater than 6.

4.

Operating Mode / TX Mode	2TX
802.11a (10MHz)	V (ANT 1+ANT 2)
802.11n (10MHz)	V (ANT 1+ANT 2)
802.11a (20MHz)	V (ANT 1+ANT 2)
802.11n (20MHz)	V (ANT 1+ANT 2)
802.11n (40MHz)	V (ANT 1+ANT 2)

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX A10 Mode / CH149,CH157,CH165 (UNII-3)
Mode 2	TX N10 Mode / CH149,CH157,CH165 (UNII-3)
Mode 3	TX A20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 4	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 5	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 6	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 6	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A10 Mode / CH149,CH157,CH165 (UNII-3)
Mode 2	TX N10 Mode / CH149,CH157,CH165 (UNII-3)
Mode 3	TX A20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 4	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 5	TX N40 Mode / CH151,CH159 (UNII-3)

Note:

(1) For radiated below 1GHz test, the 802.11a 20MHz mode is found to be the worst case and recorded.

(2) For radiated, the 2TX (ANT 1+ANT 2) is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product

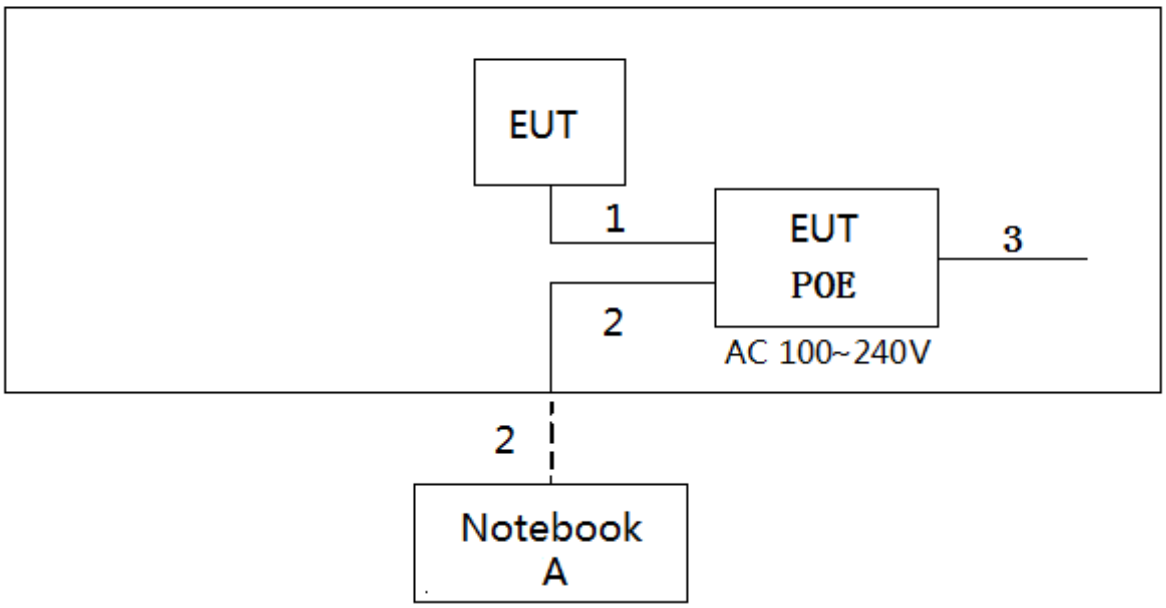
For Group 1

Test Software Version	cart		
Frequency (MHz)	5745	5785	5825
A10 Mode	12	12	12
N10 Mode	12	12	12
A20 Mode	12	12	12
N20 Mode	12	12	12
Frequency (MHz)	5755	5795	
N40 Mode	12	12	

For Group 2

Test Software Version	cart		
Frequency (MHz)	5745	5785	5825
A10 Mode	17	22	22
N10 Mode	23	22	22
A20 Mode	17	18	17
N20 Mode	23	22	22
Frequency (MHz)	5755	5795	
N40 Mode	17	23	

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Lenovo	G410	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	RJ45 Cable
2	NO	NO	10m	RJ45 Cable
3	NO	NO	0.8m	AC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150kHz-30MHz)

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 -0.50	66to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

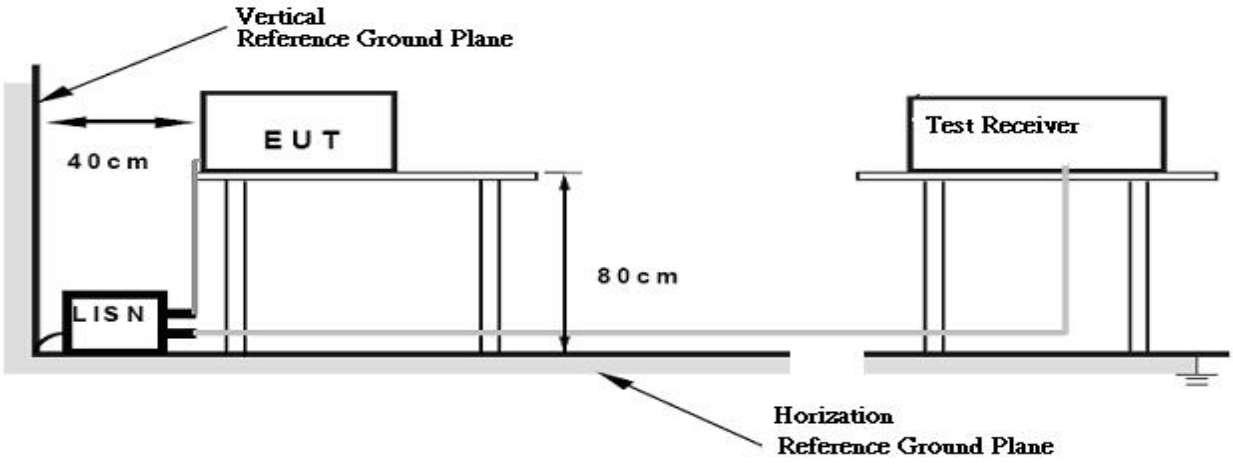
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX Mode mode.

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 53% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform.In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
(2) Measuring frequency range from 150kHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/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

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5725-5850	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

2. According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below theband edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above orbelow the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

4.2.2 TEST PROCEDURE

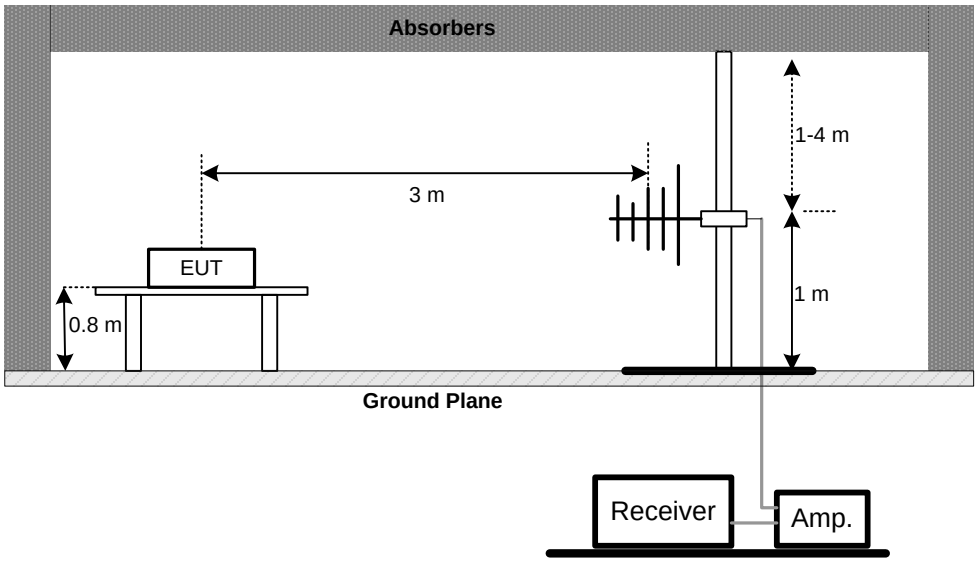
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. 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 find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

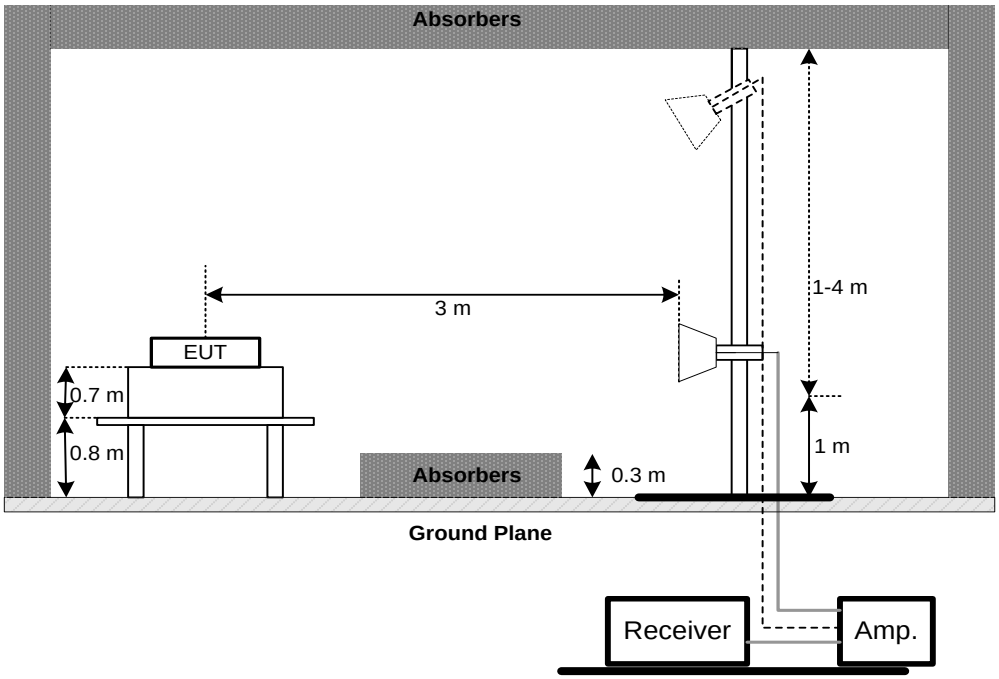
No deviation

4.2.4 TEST SETUP

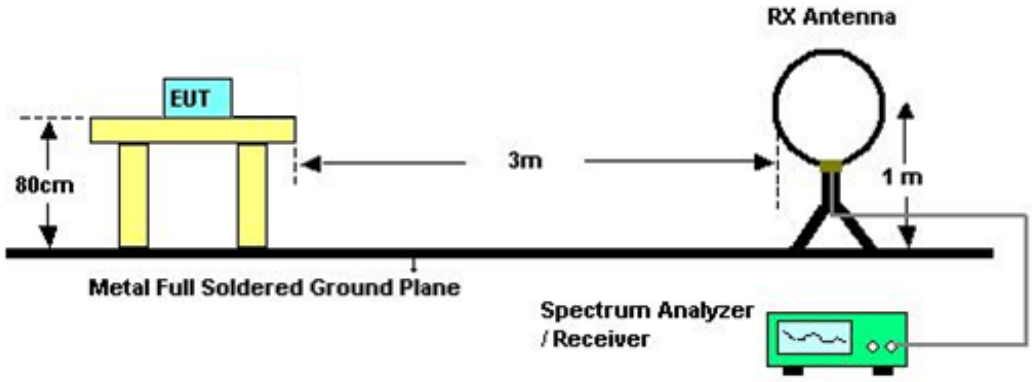
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

(1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
(2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
(3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (30 MHz TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS

5.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	6dB Bandwidth
RBW	100 kHz
VBW	300kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP

5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Output Power	1 Watt (30dBm)	5725-5850	PASS
Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Used spectrum analyzer band power measurement function.
c.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Sweep points	≥2 x span / RBW
Detector	RMS
Trace	Trace average at least 100 traces in power averaging(rms) mode.
Sweep Time	auto

c. Test was performed in accordance with method of KDB 789033 D02.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Spectral Density	30dBm/500kHz	5725-5850	PASS

7.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

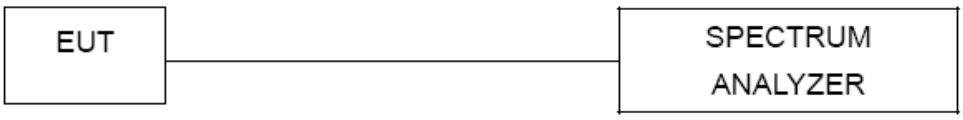
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5725-5850	PASS

8.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

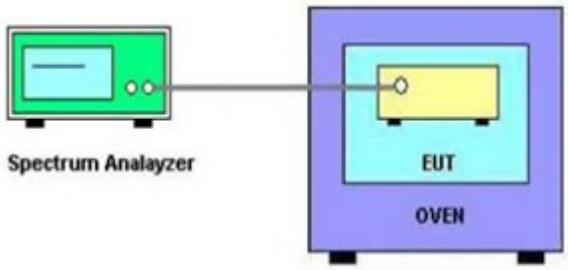
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -40°C~70°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
2	LISN	EMCO	3816/2	52765	Mar. 11, 2019
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 11, 2019
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 11, 2019
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 23, 2019

Radiated Emission Measurement - 9KHZ TO 30MHZ					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Feb. 07, 2019
2	Cable	N/A	RG 213/U	C-102	Jun. 01, 2019
3	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019

Radiated Emission Measurement - Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 11, 2019
2	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 11, 2019
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 30, 2019
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Antenna	EM	EM-6876-1	230	Feb. 07, 2019

Radiated Emission Measurement - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2019
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019
5	Receiver	Agilent	N9038A	MY52130039	Aug. 11, 2019
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	emci	EMC104-SM-SM-12000(12m)	N/A	Jun. 30, 2019
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

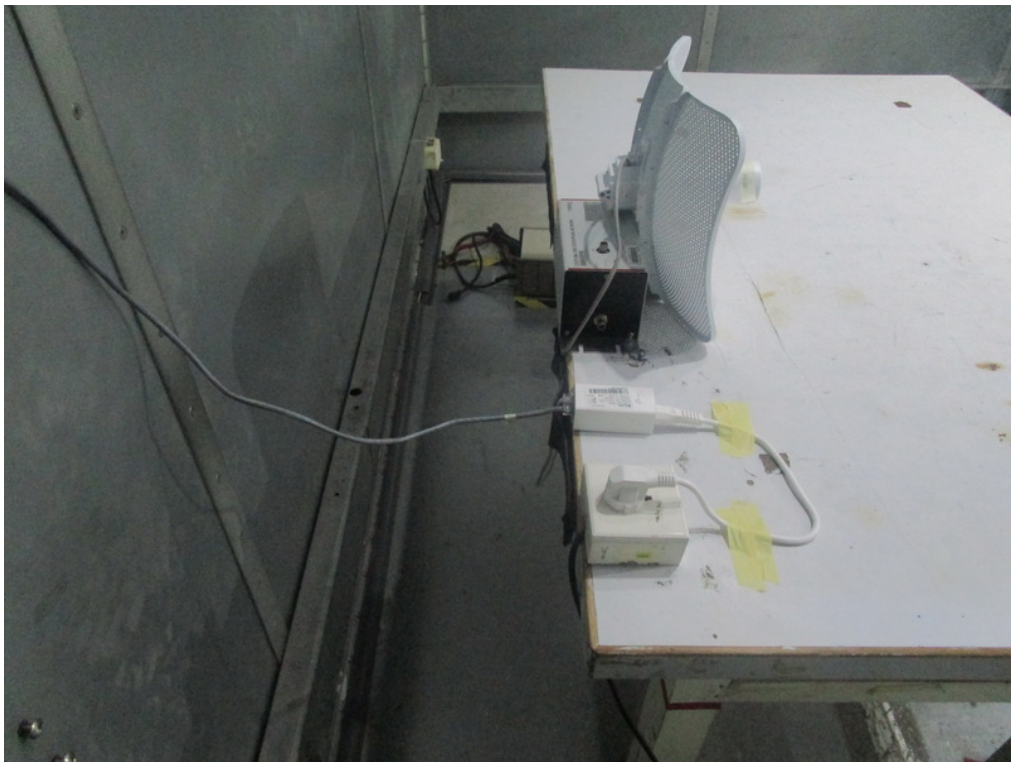
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019
2	Precision Oven Tester	Bell	BTH-50C	20170306001	Mar. 11, 2019

Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

10. EUT TEST PHOTOS

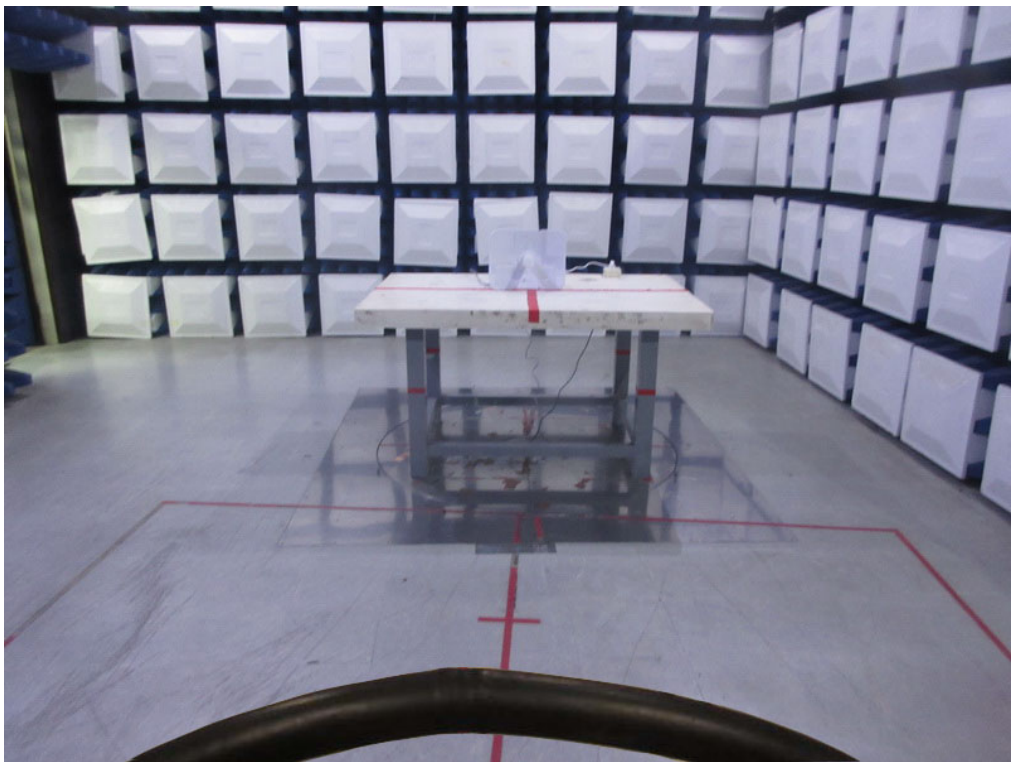
For Group 1

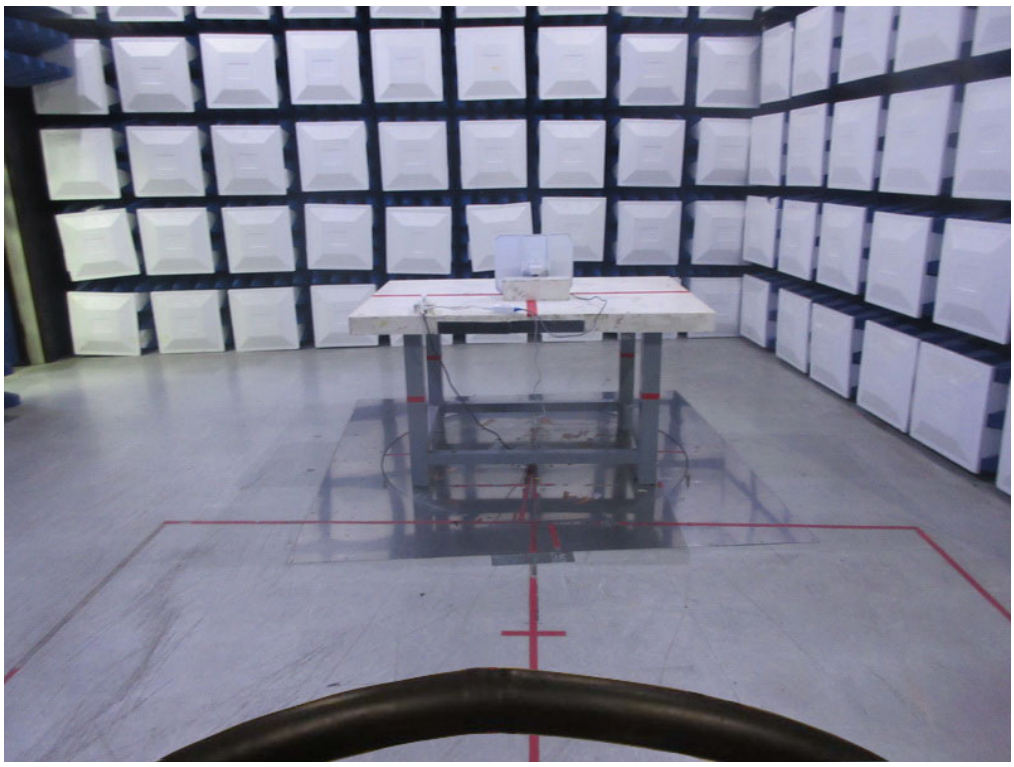
Conducted Measurement Photos



Radiated Measurement Photos

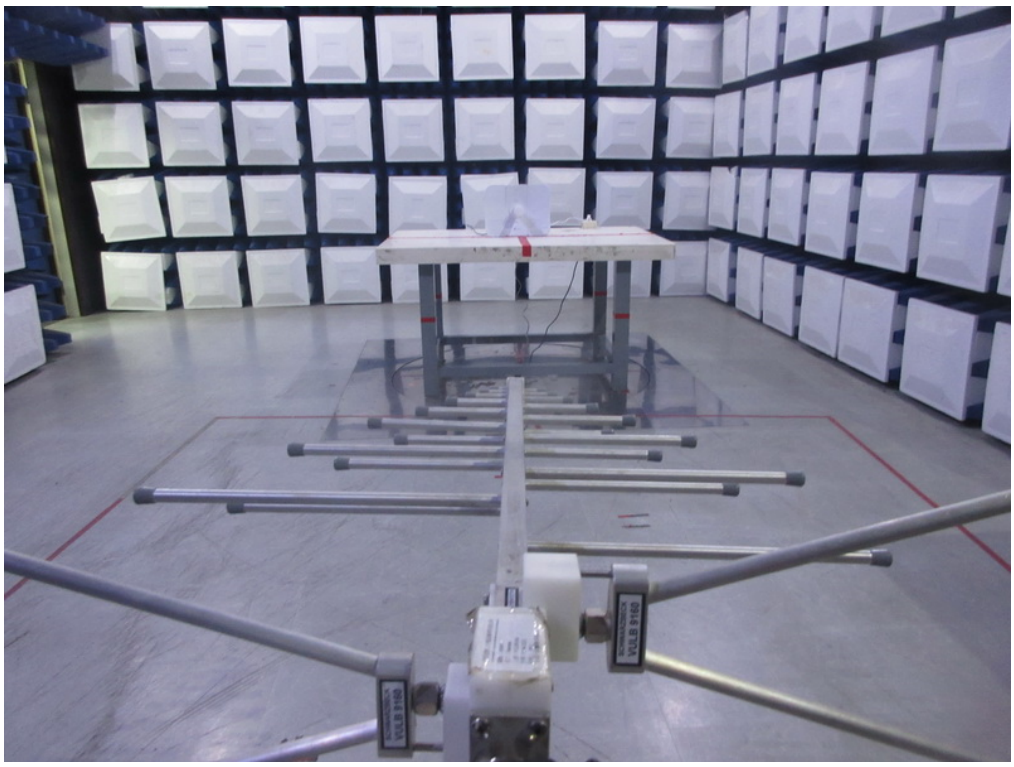
9kHz to 30MHz

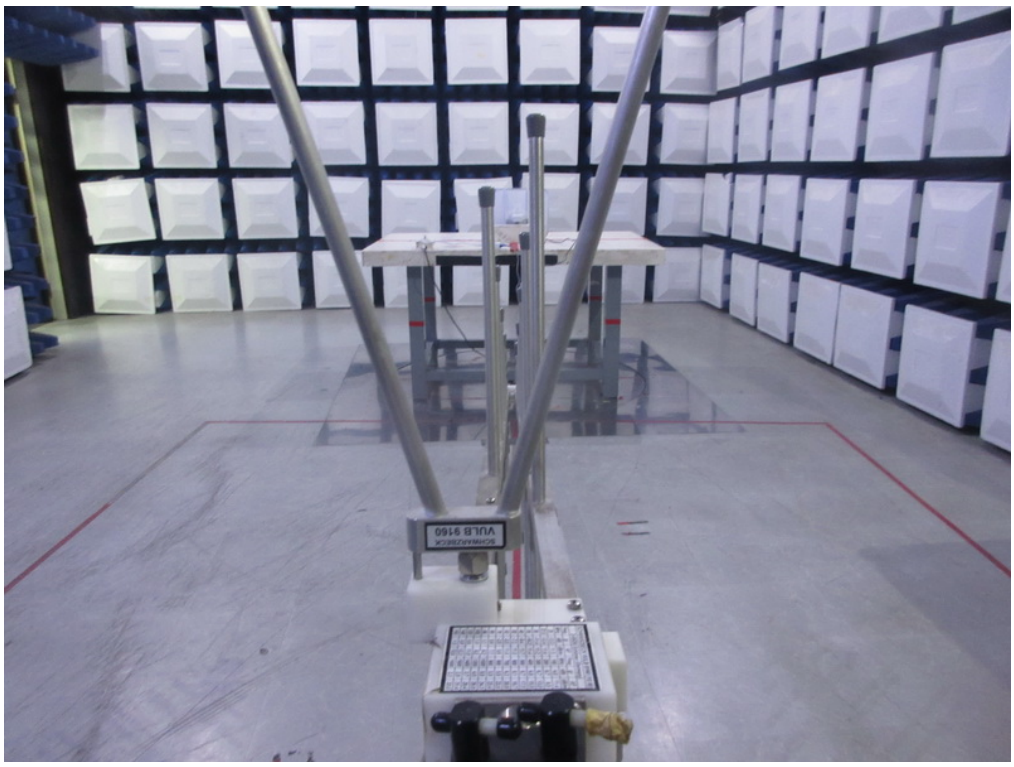




Radiated Measurement Photos

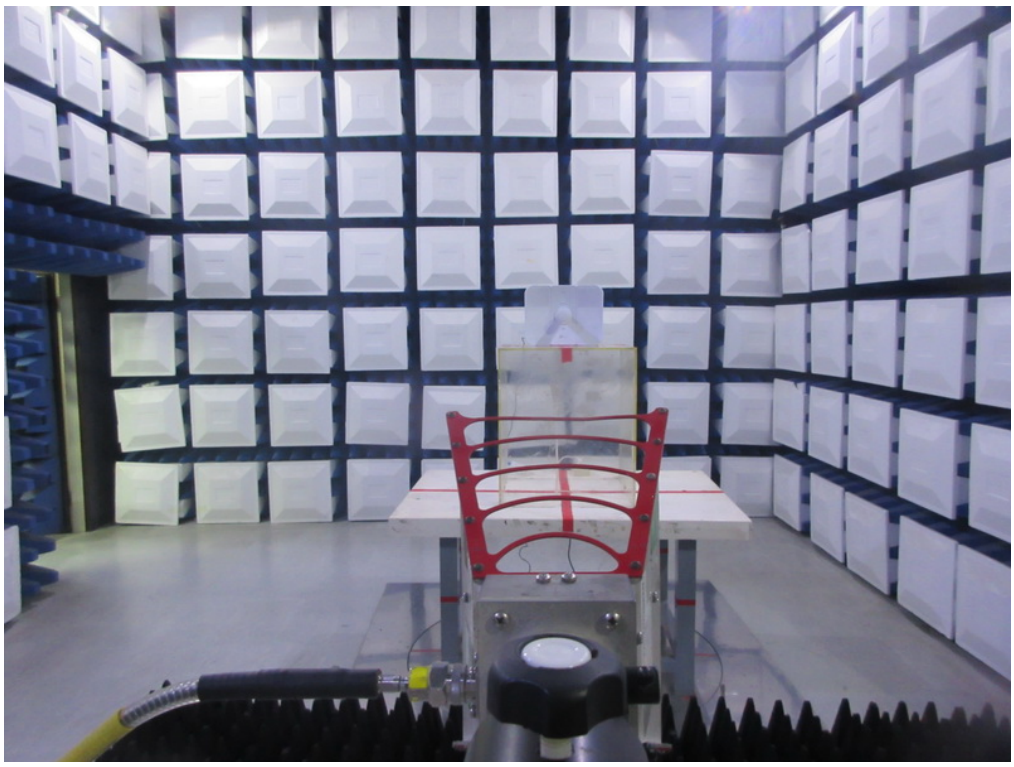
30MHz to 1000MHz

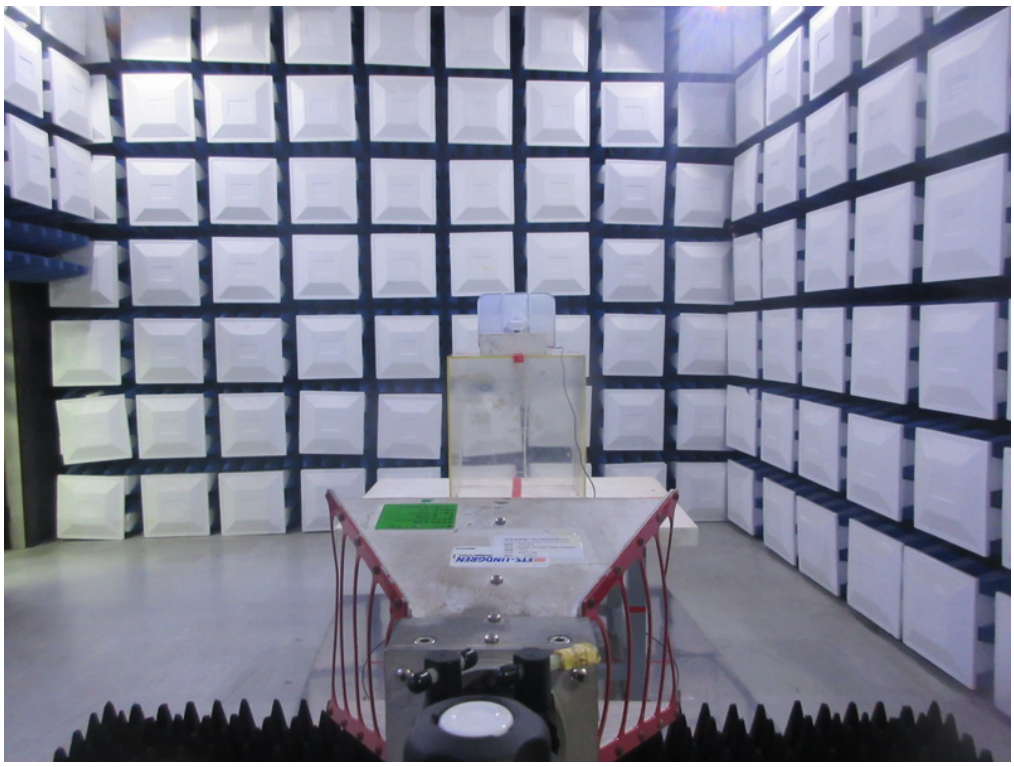




Radiated Measurement Photos

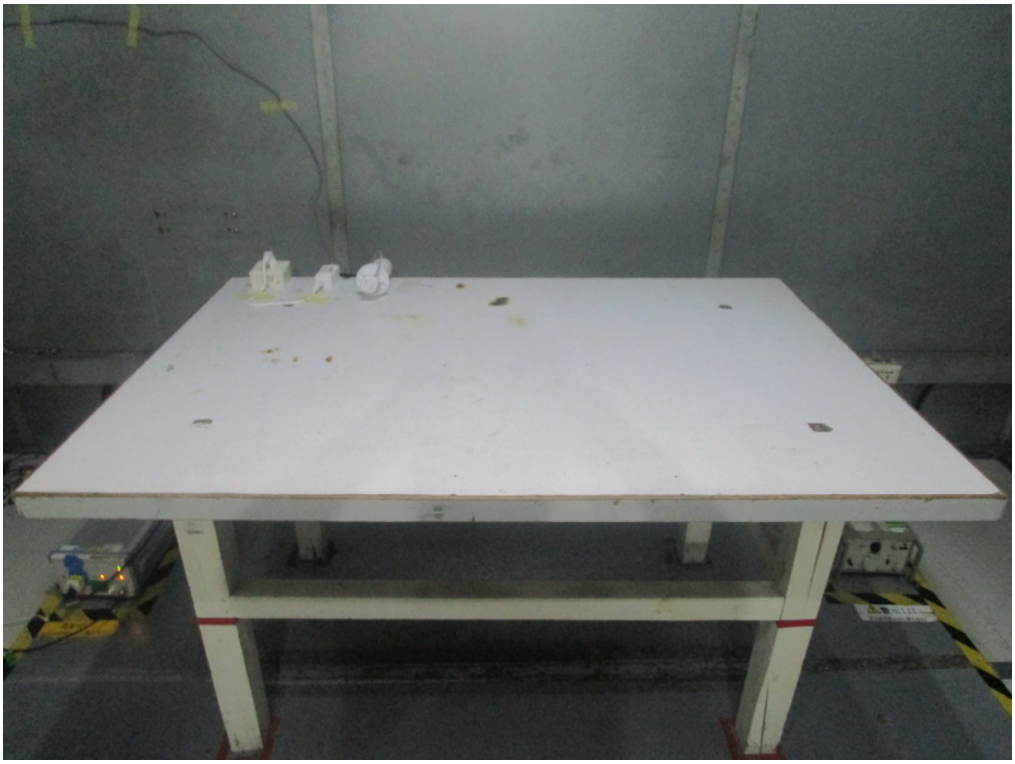
Above 1000MHz

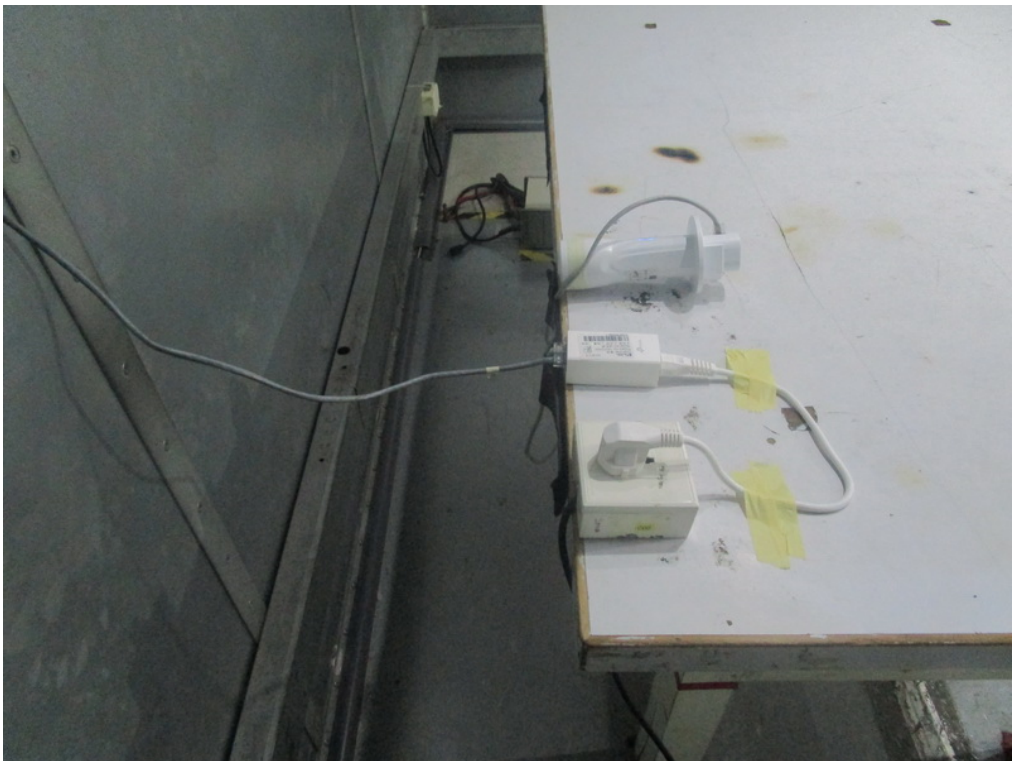




For Group 2

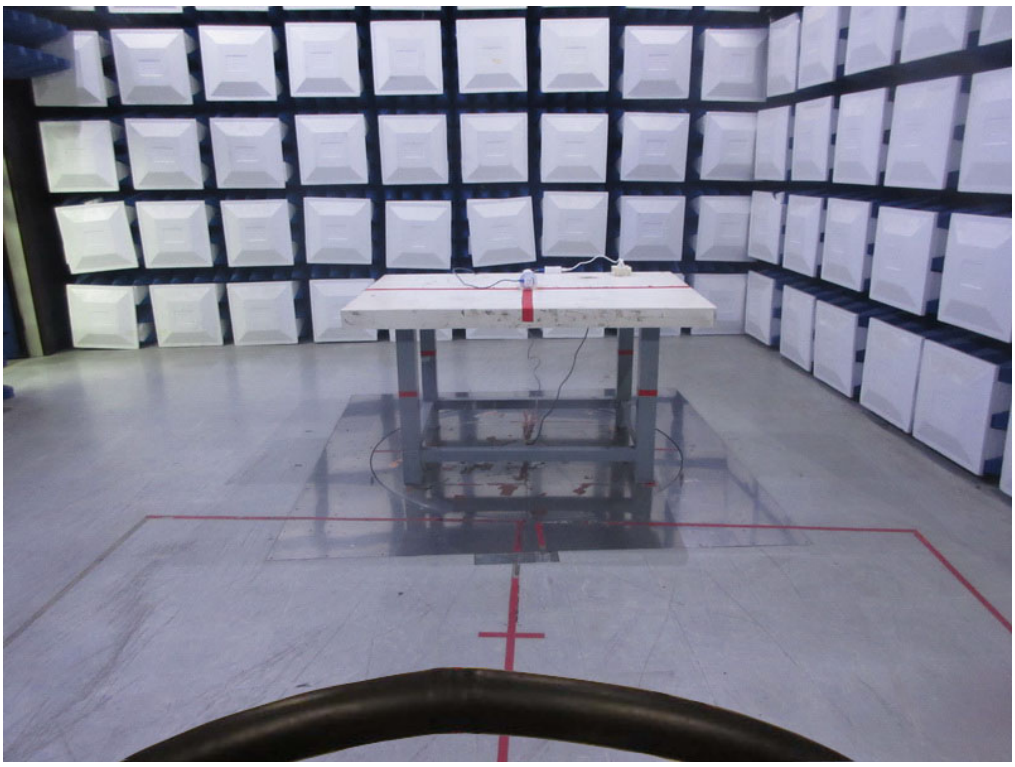
Conducted Measurement Photos

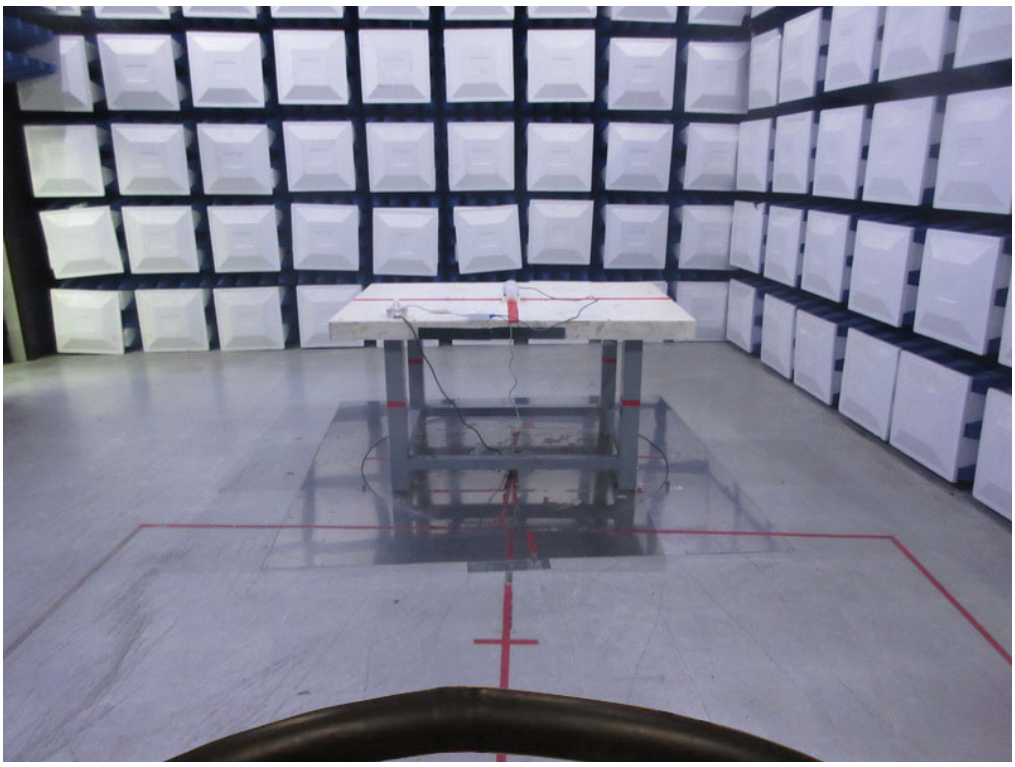




Radiated Measurement Photos

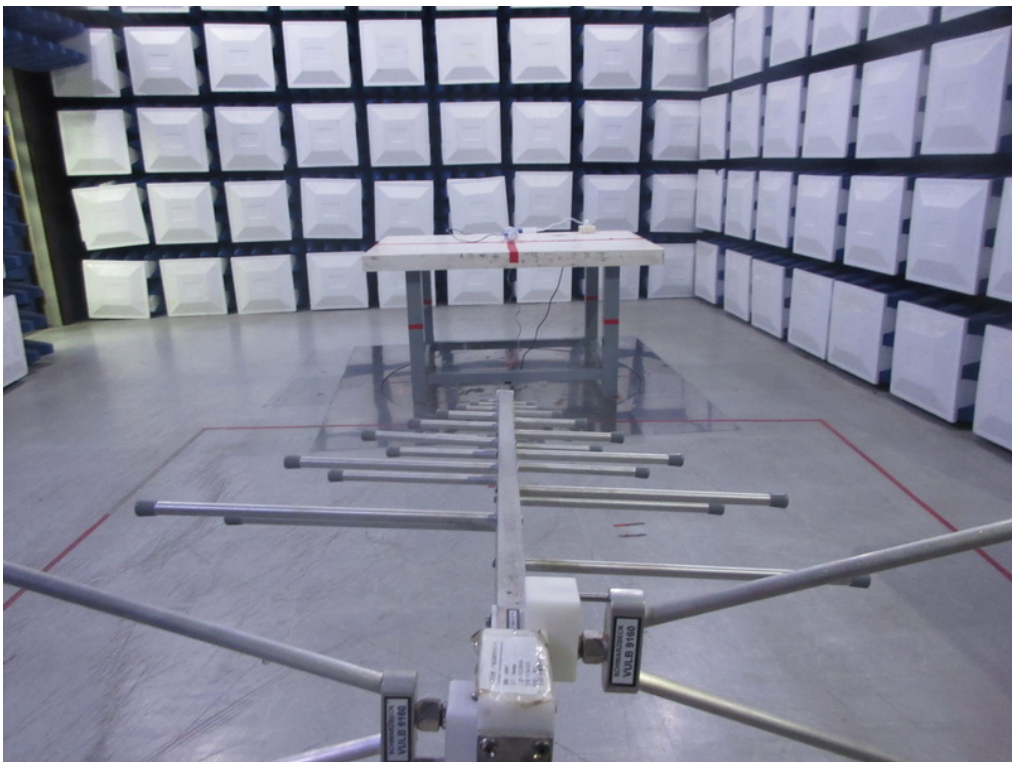
9kHz to 30MHz





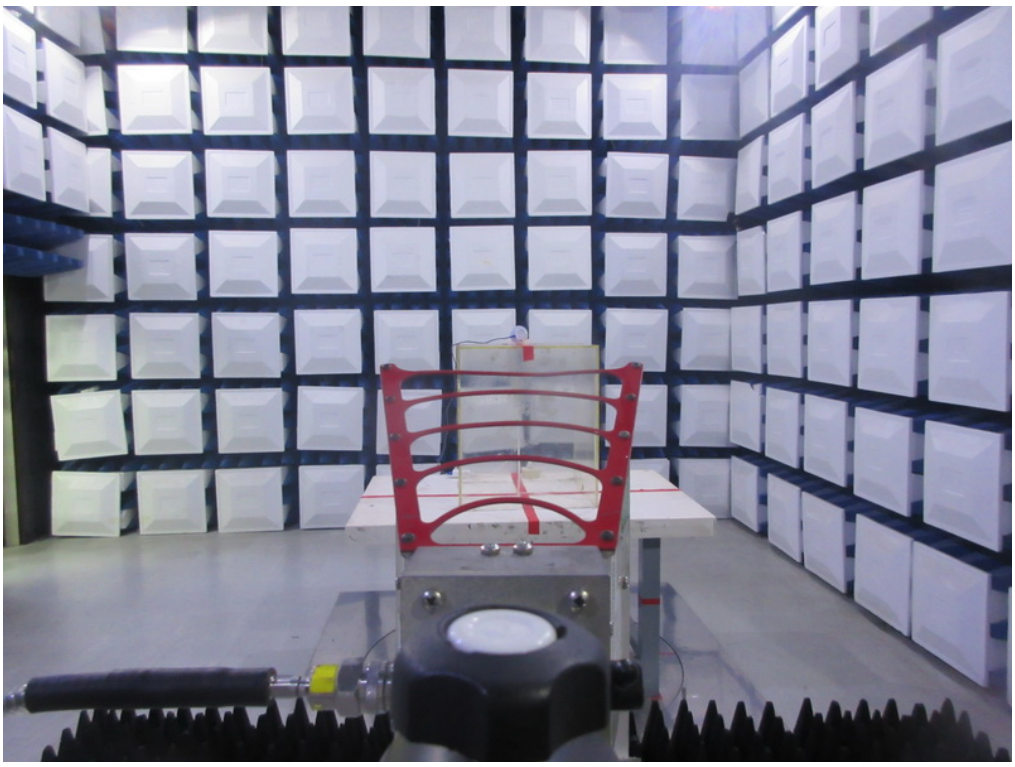
Radiated Measurement Photos

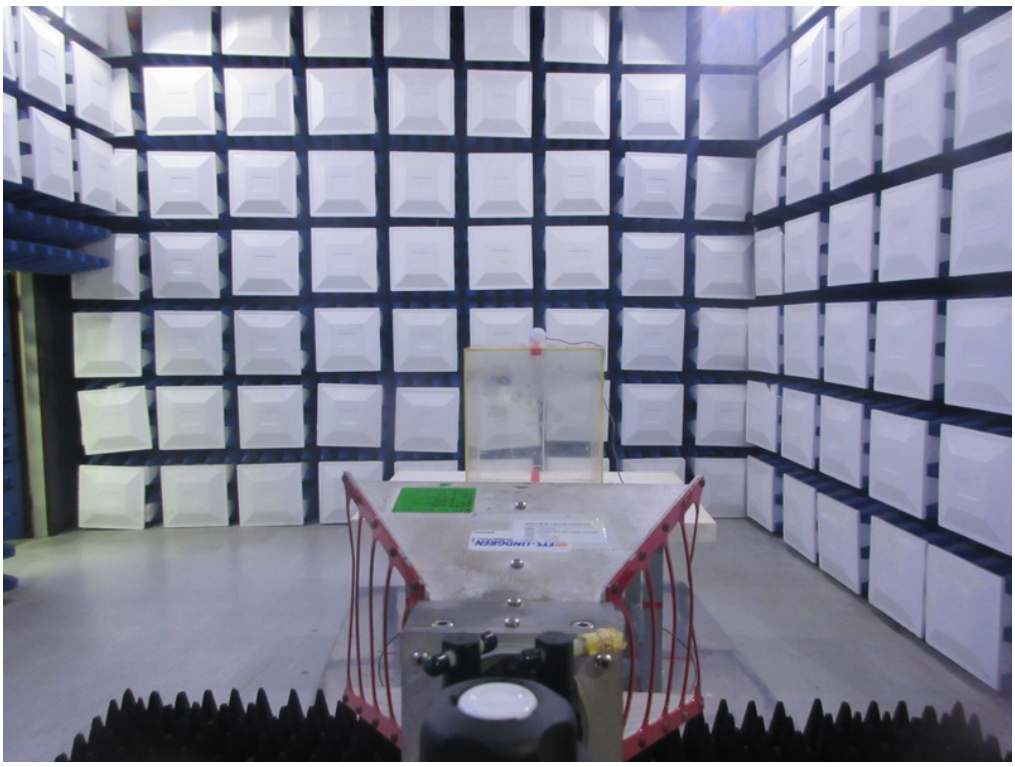
30MHz to 1000MHz



Radiated Measurement Photos

Above 1000MHz



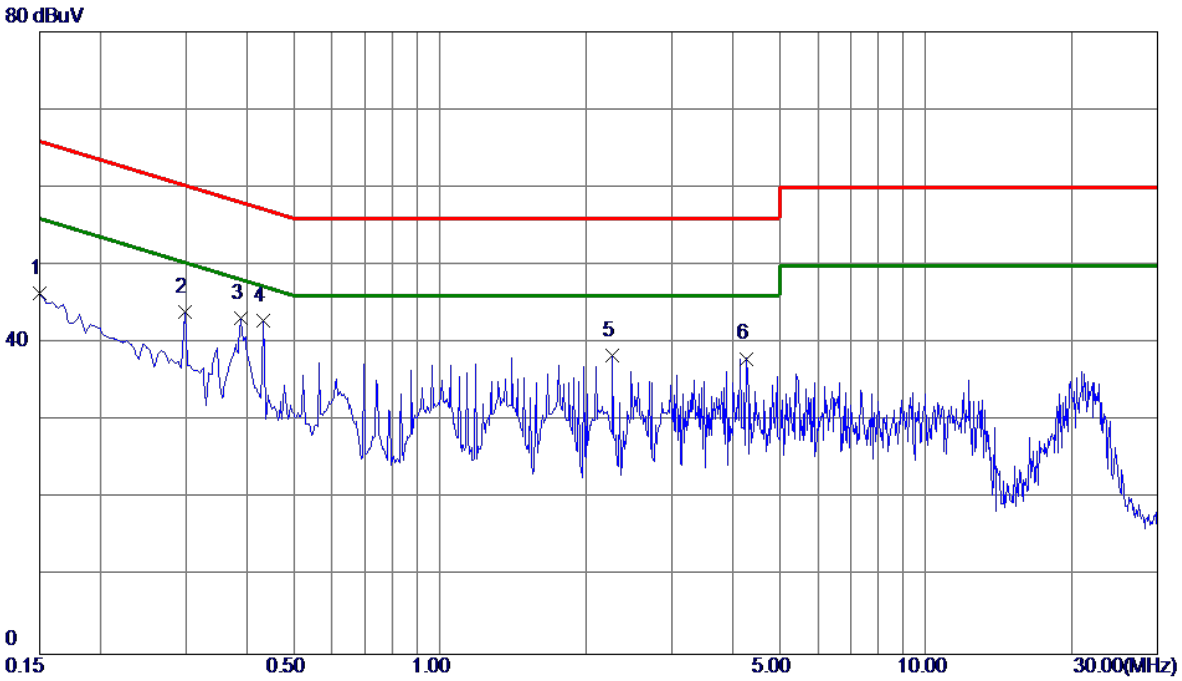


APPENDIX A - CONDUCTED EMISSION

For Group 1

Test Mode:	TX MODE

Line

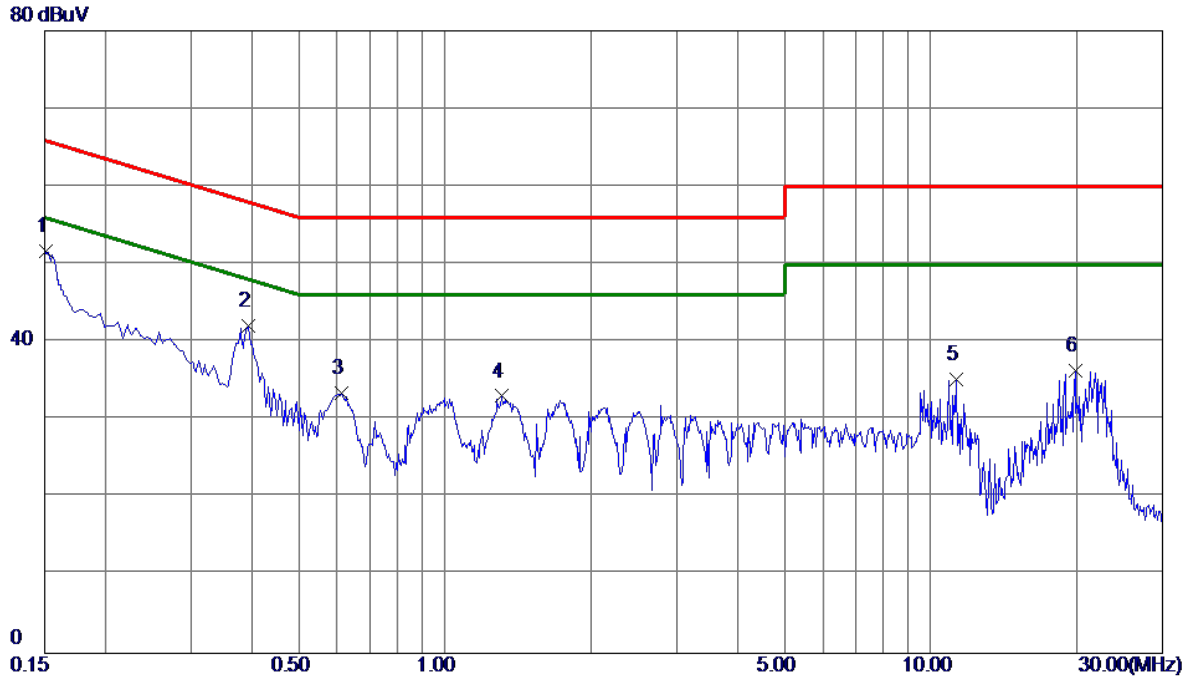


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	36.58	9.82	46.40	66.00	-19.60	Peak	
2	0.2985	34.15	9.82	43.97	60.28	-16.31	Peak	
3	0.3885	33.39	9.81	43.20	58.10	-14.90	Peak	
4 *	0.4335	33.11	9.80	42.91	57.19	-14.28	Peak	
5	2.2650	28.39	10.01	38.40	56.00	-17.60	Peak	
6	4.2720	27.86	10.14	38.00	56.00	-18.00	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



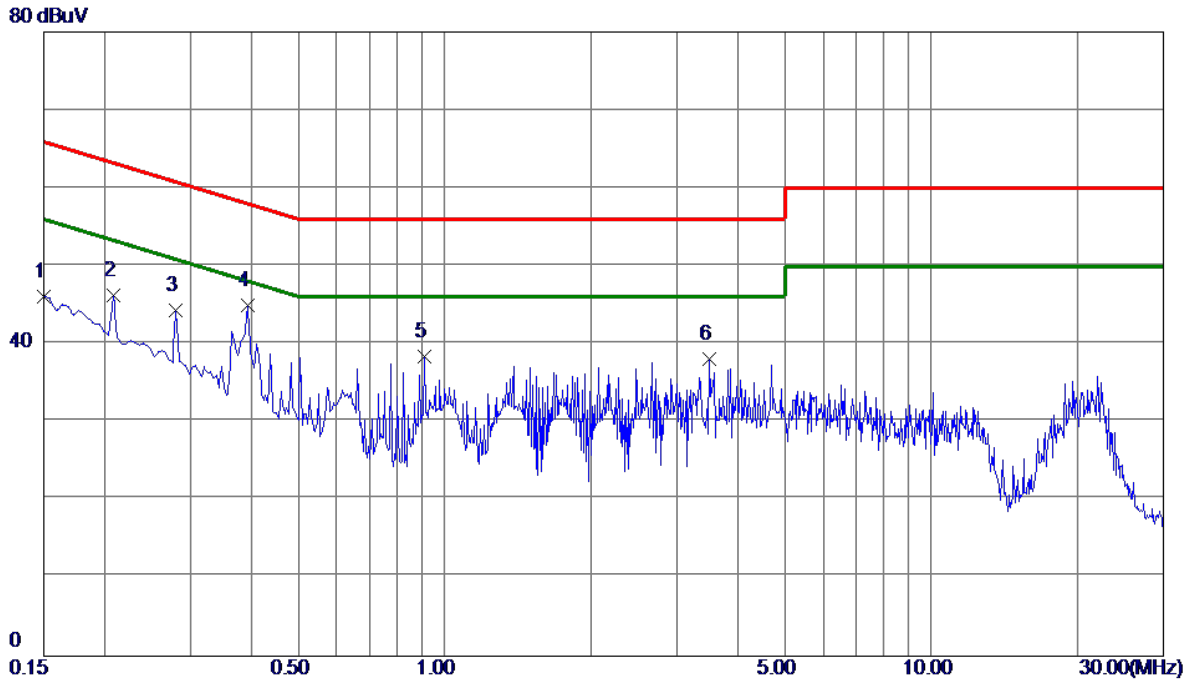
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1507	41.76	9.91	51.67	65.96	-14.29	Peak	
2	0.3930	32.12	9.95	42.07	58.00	-15.93	Peak	
3	0.6134	23.50	9.99	33.49	56.00	-22.51	Peak	
4	1.3065	22.90	10.14	33.04	56.00	-22.96	Peak	
5	11.2965	24.40	10.83	35.23	60.00	-24.77	Peak	
6	19.8330	24.84	11.47	36.31	60.00	-23.69	Peak	

Note：The test result has included the cable loss.

For Group 2

Test Mode:	TX MODE

Line

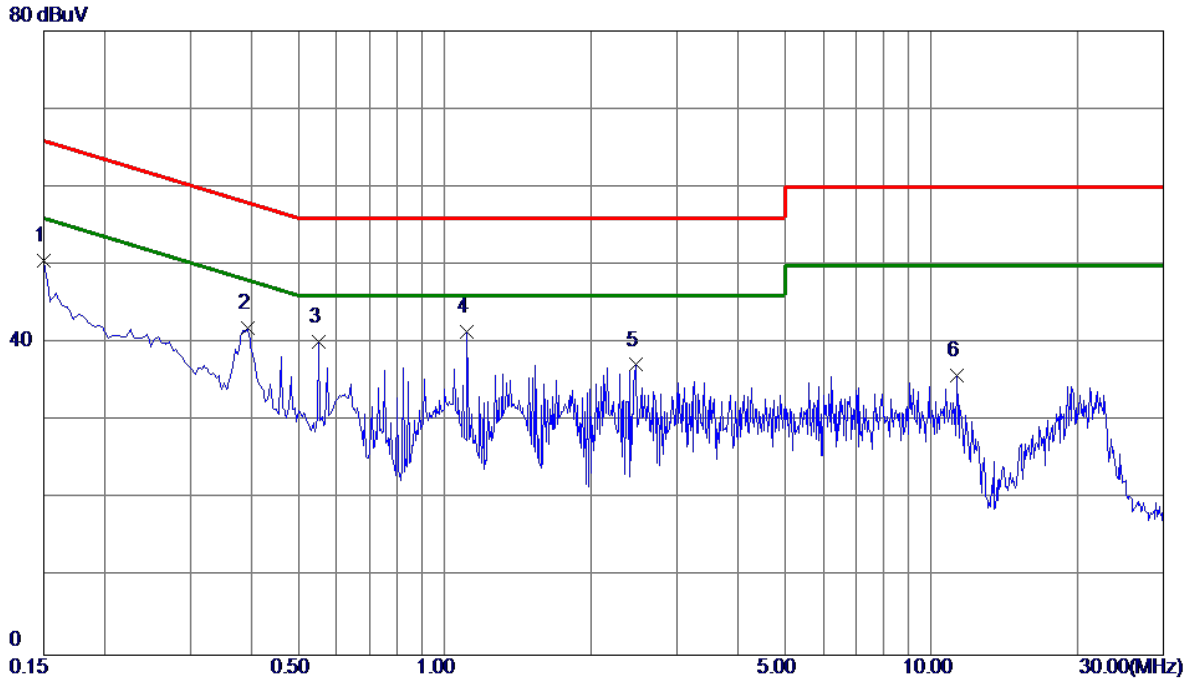


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	36.31	9.82	46.13	66.00	-19.87	Peak	
2	0.2085	36.38	9.82	46.20	63.26	-17.06	Peak	
3	0.2805	34.48	9.82	44.30	60.80	-16.50	Peak	
4 *	0.3930	35.17	9.81	44.98	58.00	-13.02	Peak	
5	0.9105	28.53	9.92	38.45	56.00	-17.55	Peak	
6	3.4935	27.94	10.09	38.03	56.00	-17.97	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	40.65	9.91	50.56	66.00	-15.44	Peak	
2	0.3930	31.96	9.95	41.91	58.00	-16.09	Peak	
3	0.5505	30.24	9.96	40.20	56.00	-15.80	Peak	
4 *	1.1130	31.24	10.13	41.37	56.00	-14.63	Peak	
5	2.4720	26.99	10.21	37.20	56.00	-18.80	Peak	
6	11.2875	25.03	10.83	35.86	60.00	-24.14	Peak	

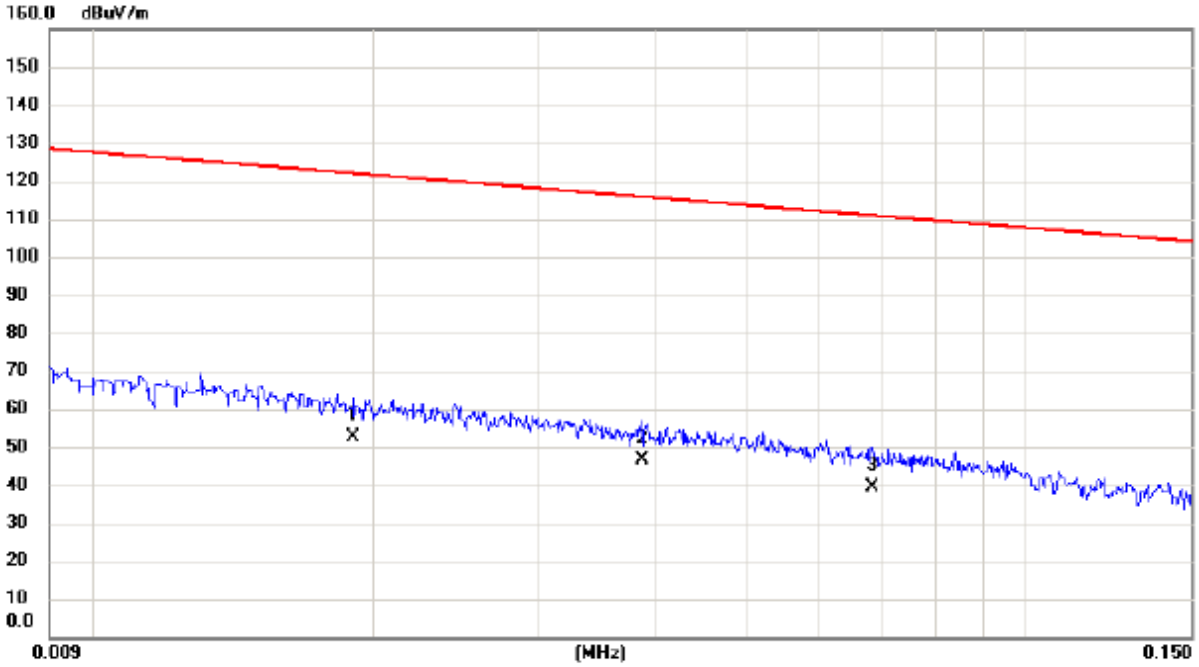
Note：The test result has included the cable loss.

APPENDIX B - RADIATED EMISSION (9KHZ TO 30MHZ)

For Group 1

Test Mode:	TX MODE

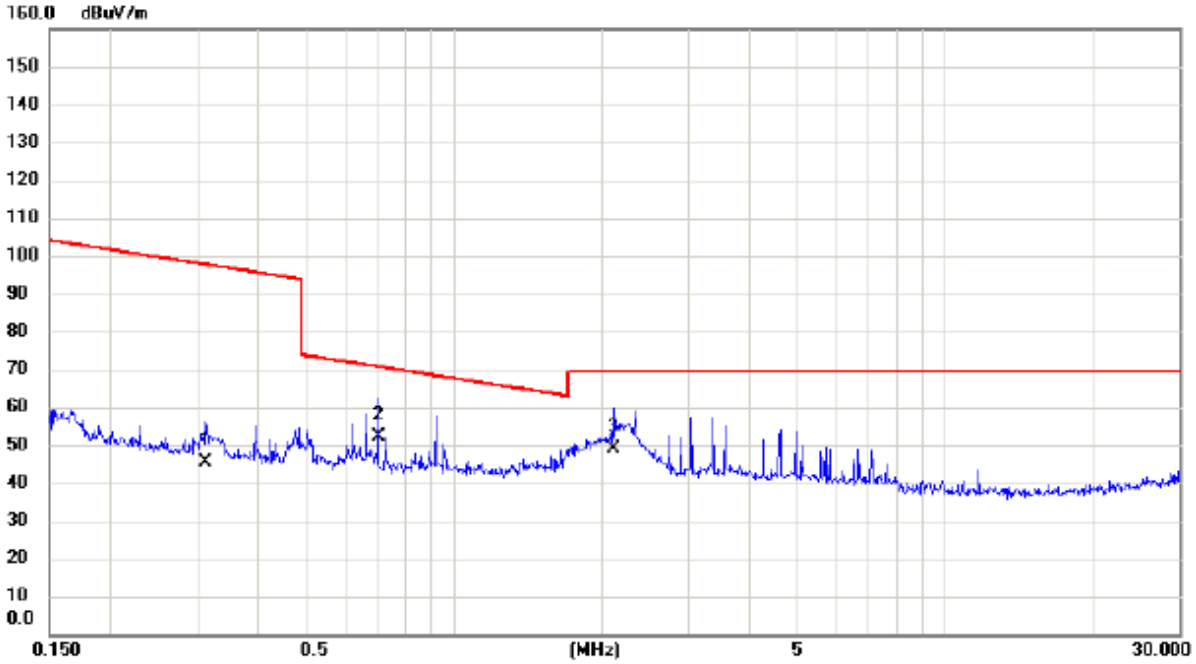
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0190	32.50	20.16	52.66	122.03	-69.37	AVG	
2	*	0.0388	26.80	19.71	46.51	115.83	-69.32	AVG	
3		0.0684	20.30	19.16	39.46	110.90	-71.44	AVG	

Test Mode:	TX MODE

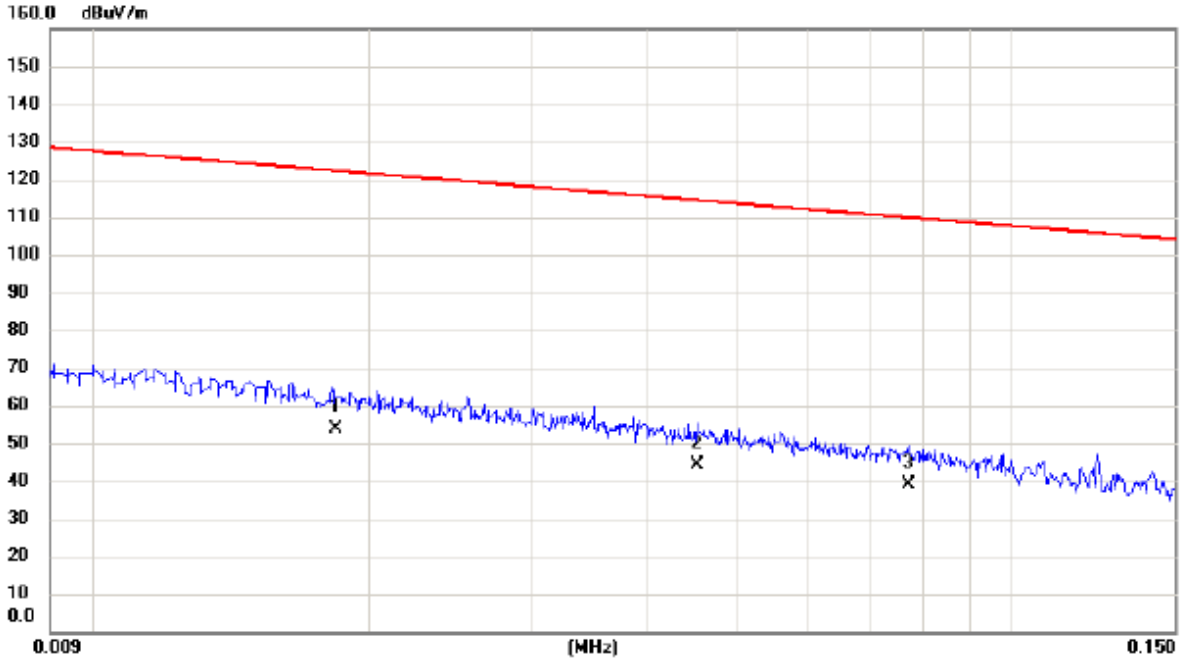
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3116	28.30	17.04	45.34	97.73	-52.39	AVG	
2	*	0.7010	35.20	16.90	52.10	70.69	-18.59	QP	
3		2.1213	32.10	17.04	49.14	69.54	-20.40	QP	

Test Mode:	TX MODE

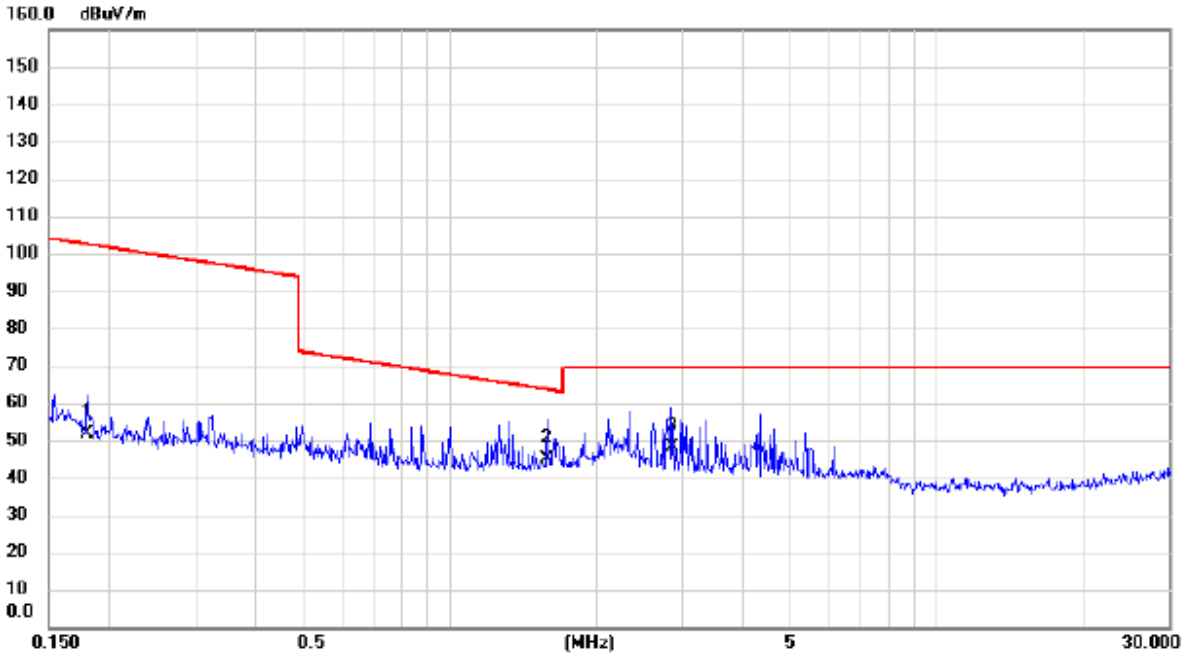
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0184	33.60	20.24	53.84	122.31	-68.47	AVG	
2		0.0454	24.50	19.60	44.10	114.46	-70.36	AVG	
3		0.0770	20.10	18.98	39.08	109.88	-70.80	AVG	

Test Mode:	TX MODE

Ant 90°

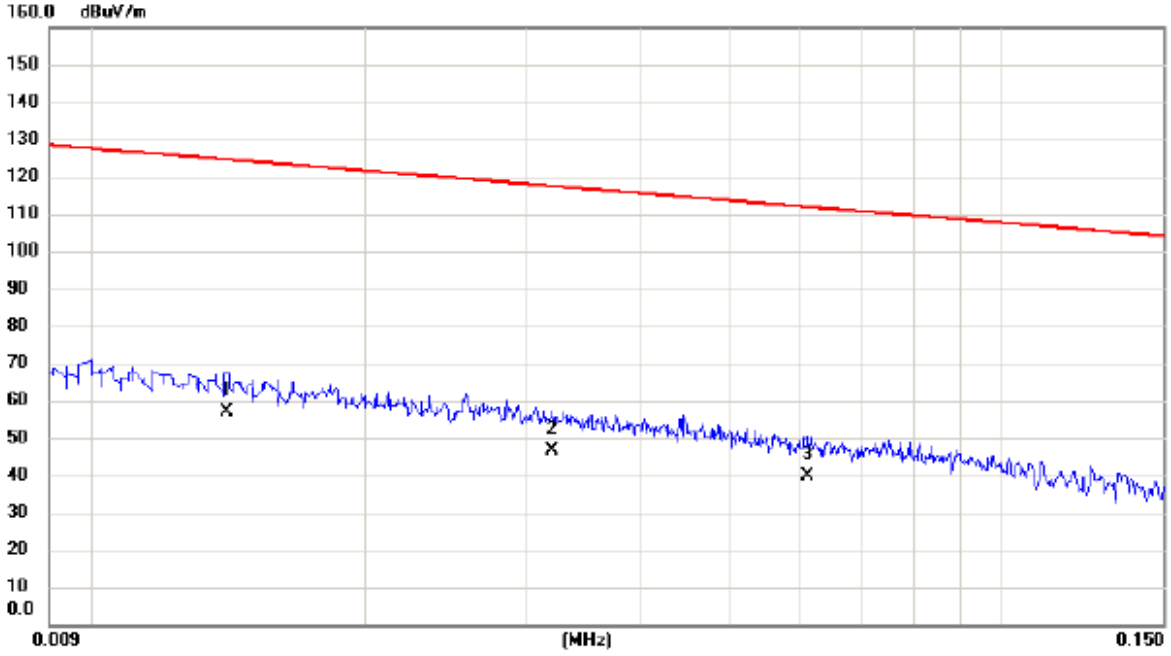


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1796	34.60	17.19	51.79	102.52	-50.73	AVG	
2	*	1.5851	28.30	16.89	45.19	63.60	-18.41	QP	
3		2.8541	31.40	16.62	48.02	69.54	-21.52	QP	

For Group 2

Test Mode:	TX MODE

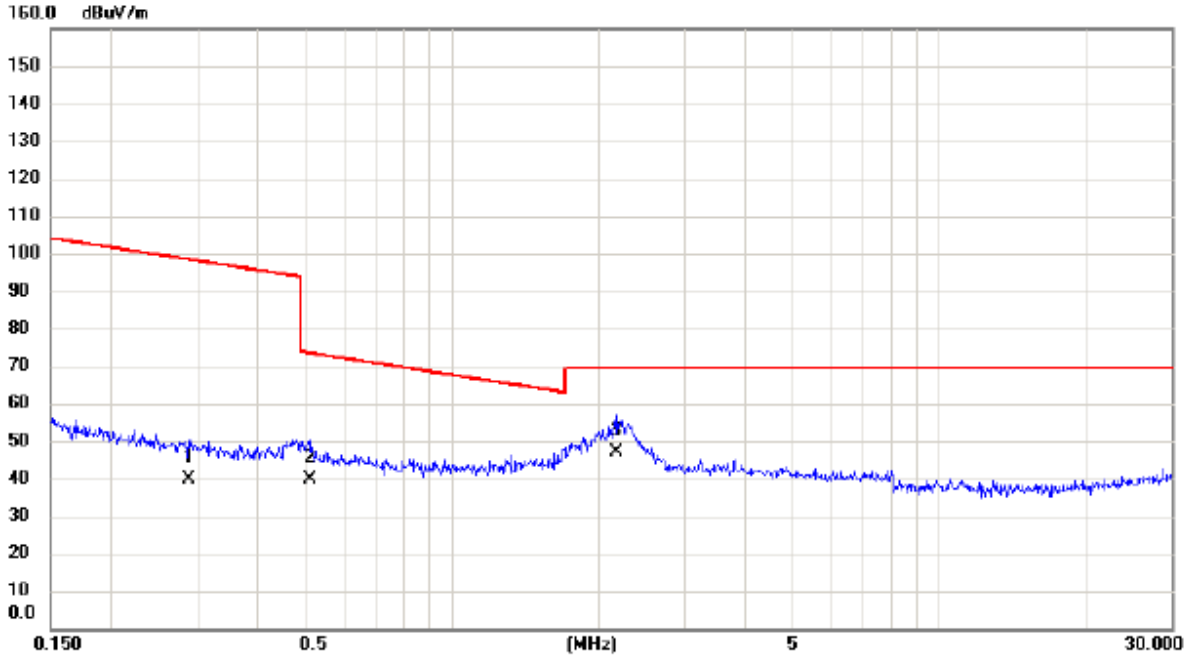
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0141	36.20	20.85	57.05	124.62	-67.57	AVG	
2		0.0320	26.90	19.82	46.72	117.50	-70.78	AVG	
3		0.0610	20.50	19.31	39.81	111.90	-72.09	AVG	

Test Mode:	TX MODE

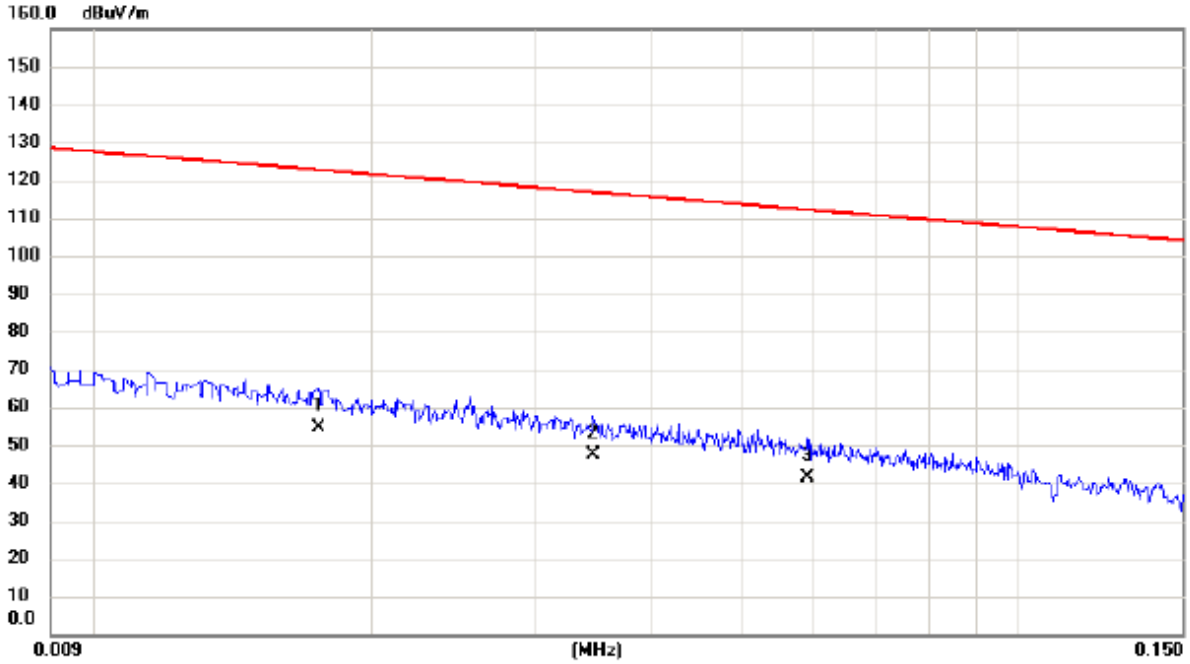
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2878	22.80	17.04	39.84	98.42	-58.58	AVG	
2		0.5101	22.70	16.97	39.67	73.45	-33.78	QP	
3	*	2.1783	30.10	17.00	47.10	69.54	-22.44	QP	

Test Mode:	TX MODE

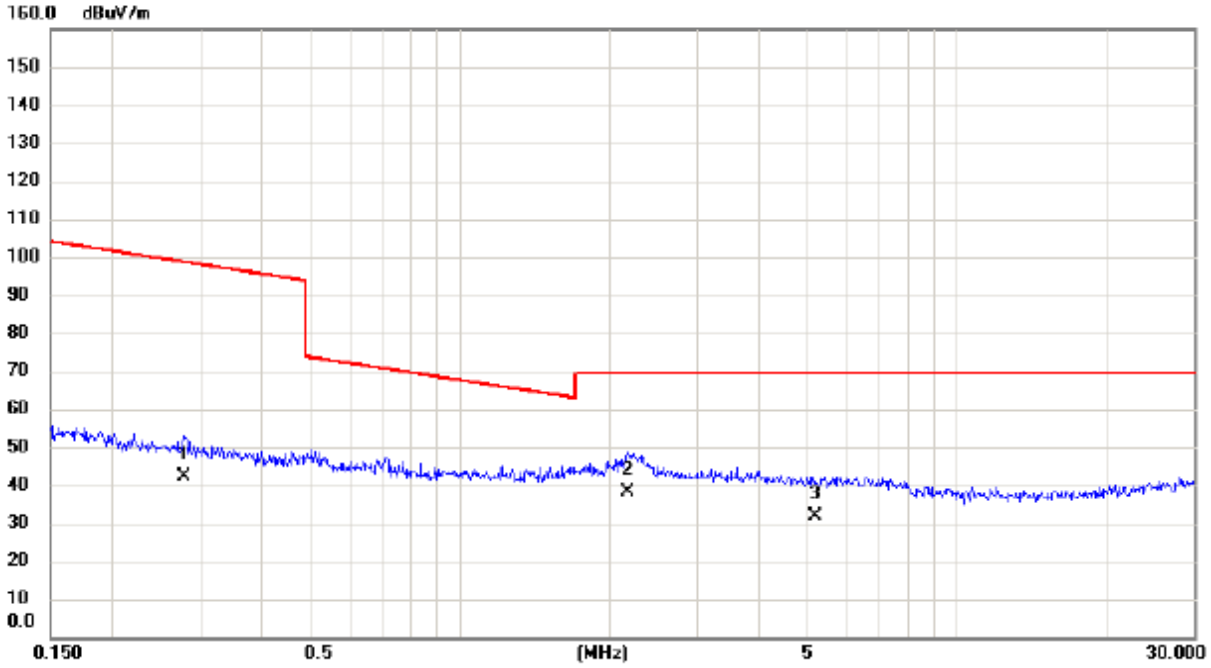
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0175	34.20	20.37	54.57	122.74	-68.17	AVG	
2		0.0347	27.50	19.77	47.27	116.80	-69.53	AVG	
3		0.0591	22.10	19.35	41.45	112.17	-70.72	AVG	

Test Mode:	TX MODE

Ant 90°



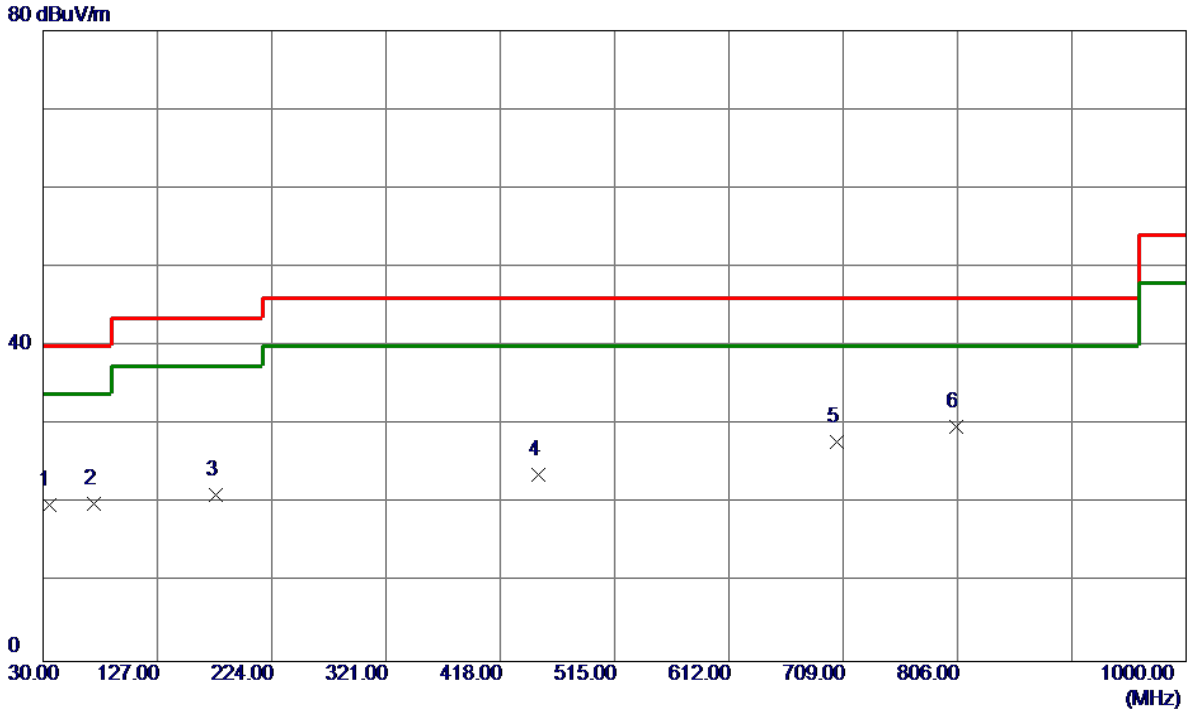
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2788	25.20	17.05	42.25	98.70	-56.45	AVG	
2	*	2.1783	21.10	17.00	38.10	69.54	-31.44	QP	
3		5.1663	16.70	15.14	31.84	69.54	-37.70	QP	

APPENDIX C - RADIATED EMISSION (30MHZ TO 1000MHZ)

For Group 1

Test Mode:	UNII-3/TX A20 Mode 5745MHz

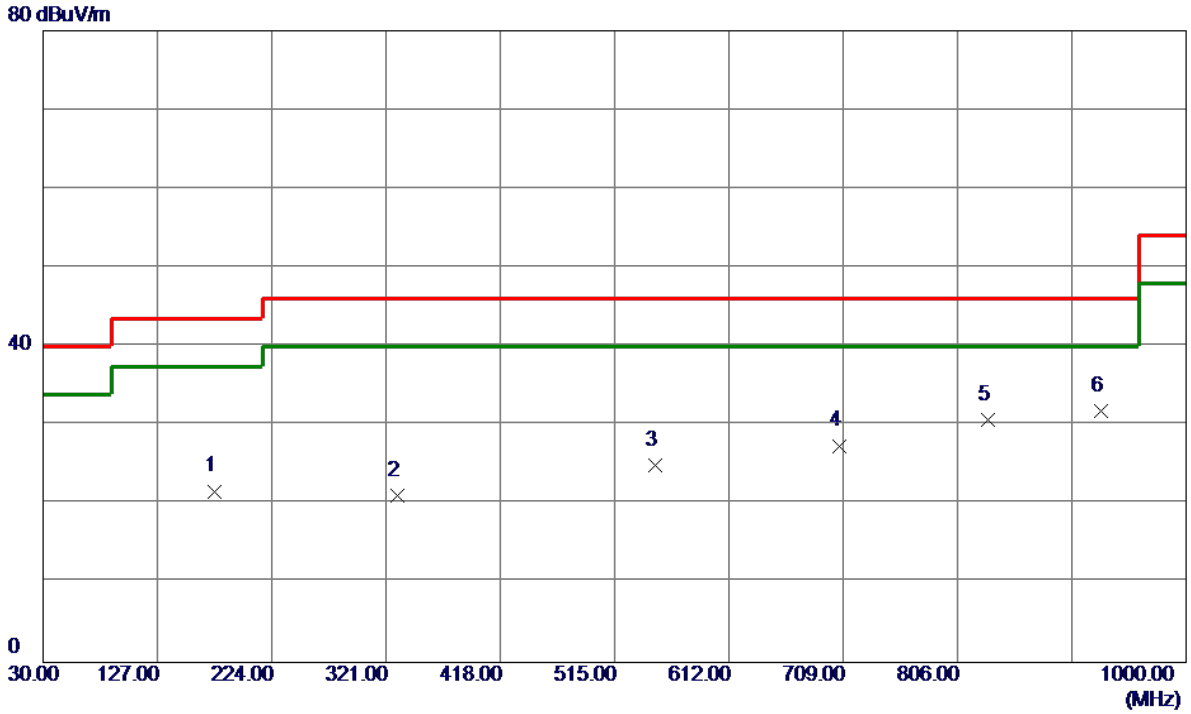
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	34.8500	34.80	-14.89	19.91	40.00	-20.09	Peak	
2	72.6800	37.88	-17.93	19.95	40.00	-20.05	Peak	
3	176.4700	33.39	-12.24	21.15	43.50	-22.35	Peak	
4	450.0100	31.11	-7.41	23.70	46.00	-22.30	Peak	
5	703.1800	30.74	-2.83	27.91	46.00	-18.09	Peak	
6 *	805.0300	30.90	-1.12	29.78	46.00	-16.22	Peak	

Test Mode:	UNII-3/TX A20 5745MHz

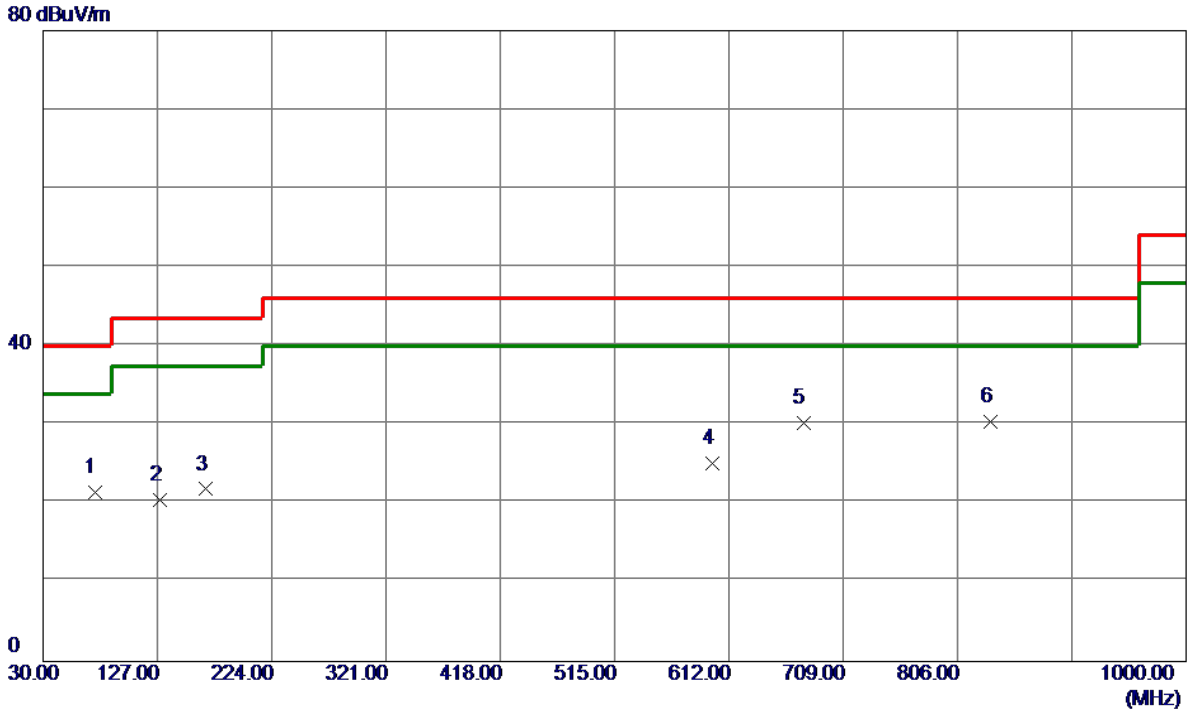
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	175.5000	33.76	-12.08	21.68	43.50	-21.82	Peak	
2	330.7000	31.96	-10.80	21.16	46.00	-24.84	Peak	
3	549.9200	30.50	-5.47	25.03	46.00	-20.97	Peak	
4	706.0900	30.34	-2.90	27.44	46.00	-18.56	Peak	
5	832.1900	32.30	-1.54	30.76	46.00	-15.24	Peak	
6 *	928.2200	31.28	0.53	31.81	46.00	-14.19	Peak	

Test Mode:	UNII-3/TX A20 Mode 5785MHz

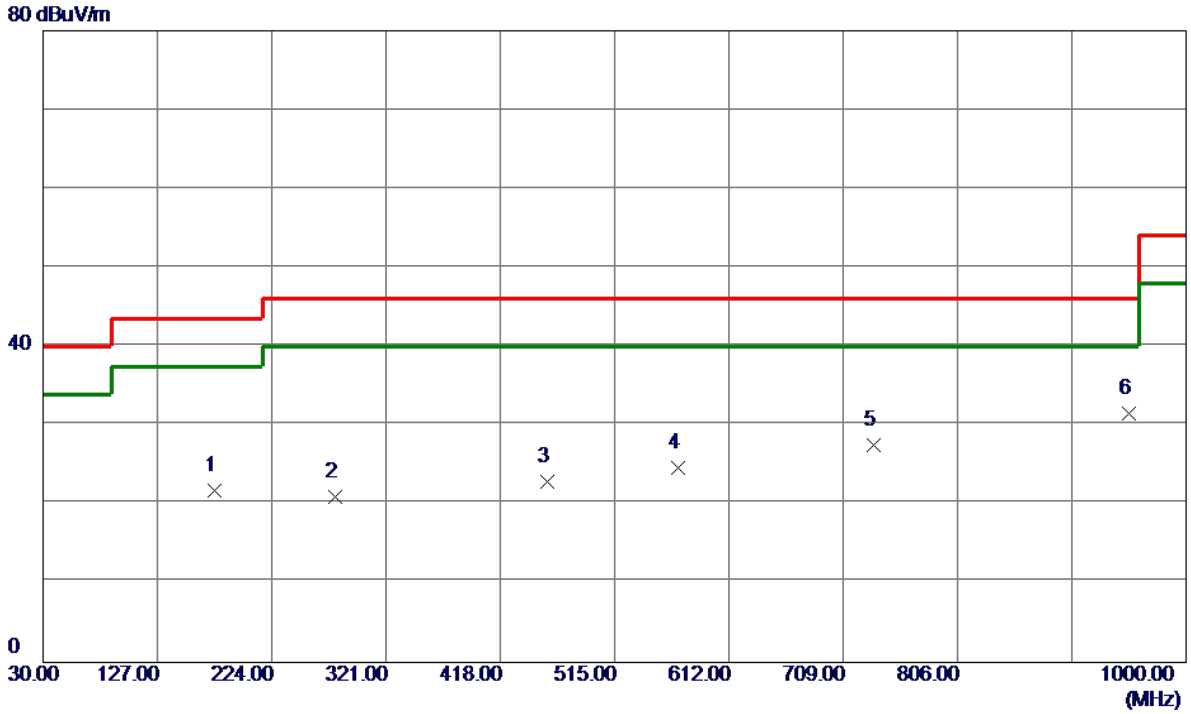
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	73.6500	39.60	-18.13	21.47	40.00	-18.53	Peak	
2	128.9400	34.04	-13.53	20.51	43.50	-22.99	Peak	
3	167.7400	32.90	-11.06	21.84	43.50	-21.66	Peak	
4	598.4200	31.44	-6.27	25.17	46.00	-20.83	Peak	
5	675.0500	34.16	-3.96	30.20	46.00	-15.80	Peak	
6 *	834.1300	31.96	-1.57	30.39	46.00	-15.61	Peak	

Test Mode:	UNII-3/TX A20 5785MHz

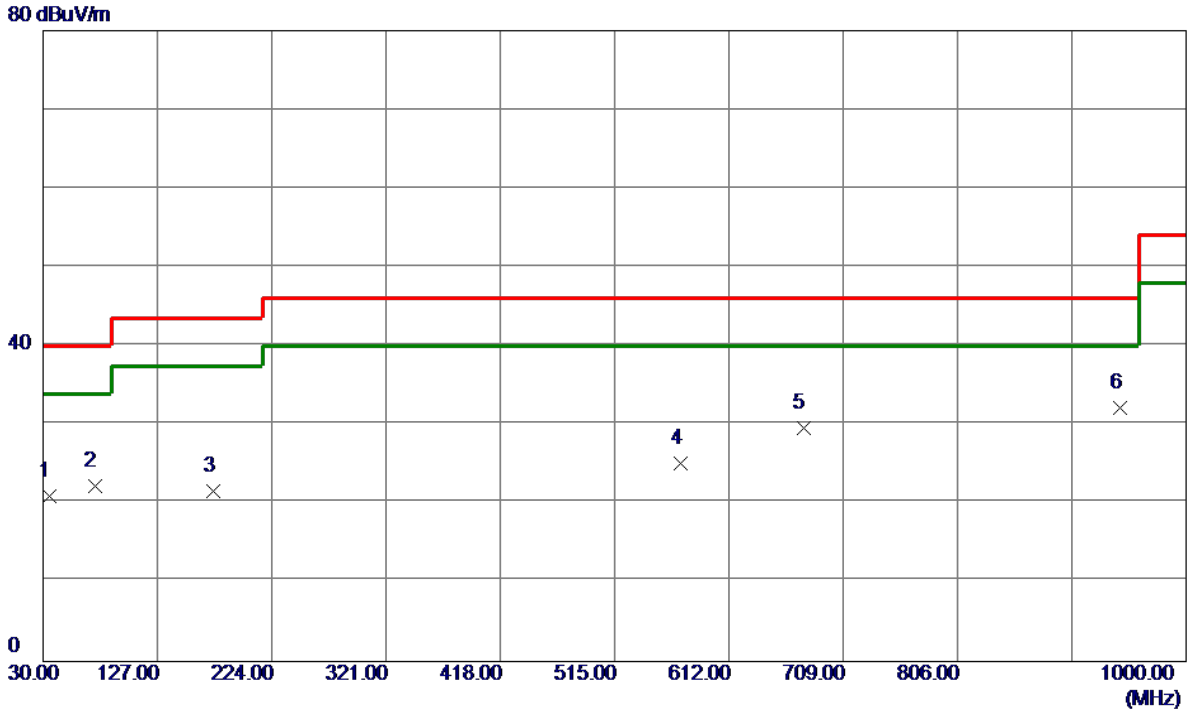
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	175.5000	33.88	-12.08	21.80	43.50	-21.70	Peak	
2	278.3200	32.46	-11.54	20.92	46.00	-25.08	Peak	
3	457.7700	30.40	-7.58	22.82	46.00	-23.18	Peak	
4	569.3200	30.43	-5.79	24.64	46.00	-21.36	Peak	
5	735.1900	31.19	-3.66	27.53	46.00	-18.47	Peak	
6 *	951.5000	30.20	1.37	31.57	46.00	-14.43	Peak	

Test Mode:	UNII-3/TX A20 Mode 5825MHz

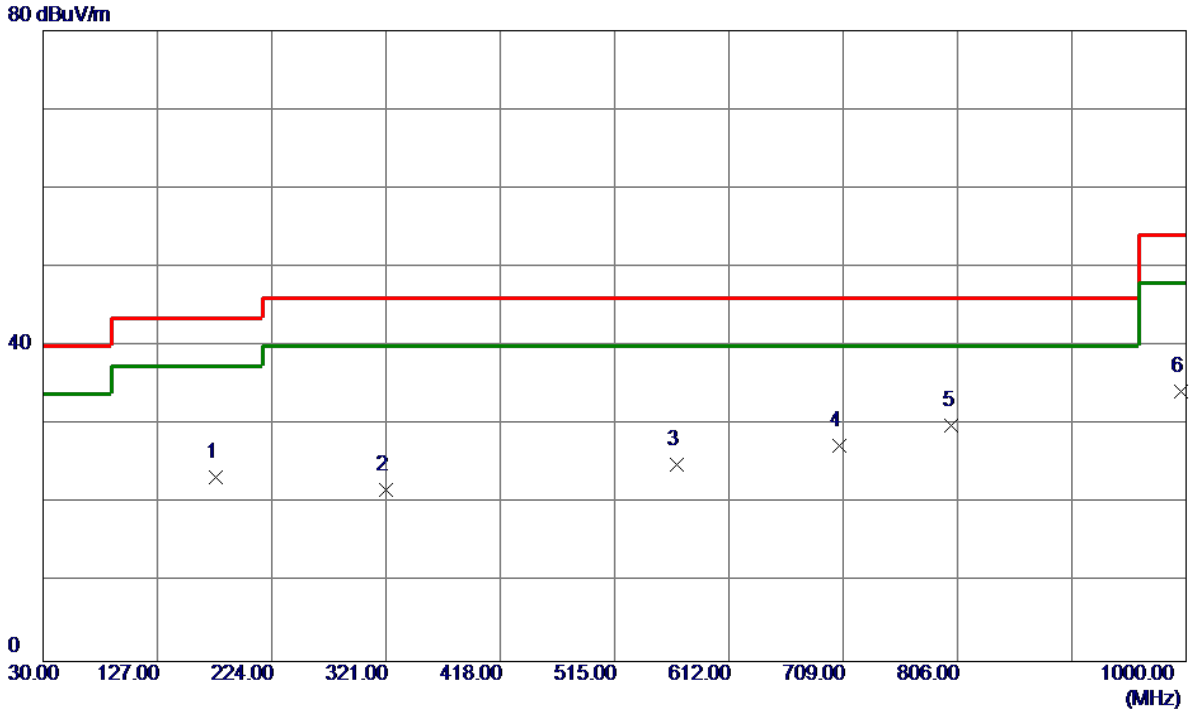
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	34.8500	35.82	-14.89	20.93	40.00	-19.07	Peak	
2	73.6500	40.36	-18.13	22.23	40.00	-17.77	Peak	
3	174.5300	33.60	-11.93	21.67	43.50	-21.83	Peak	
4	571.2600	30.96	-5.82	25.14	46.00	-20.86	Peak	
5	675.0500	33.60	-3.96	29.64	46.00	-16.36	Peak	
6 *	943.7400	30.97	1.16	32.13	46.00	-13.87	Peak	

Test Mode:	UNII-3/TX A20 5825MHz

Horizontal

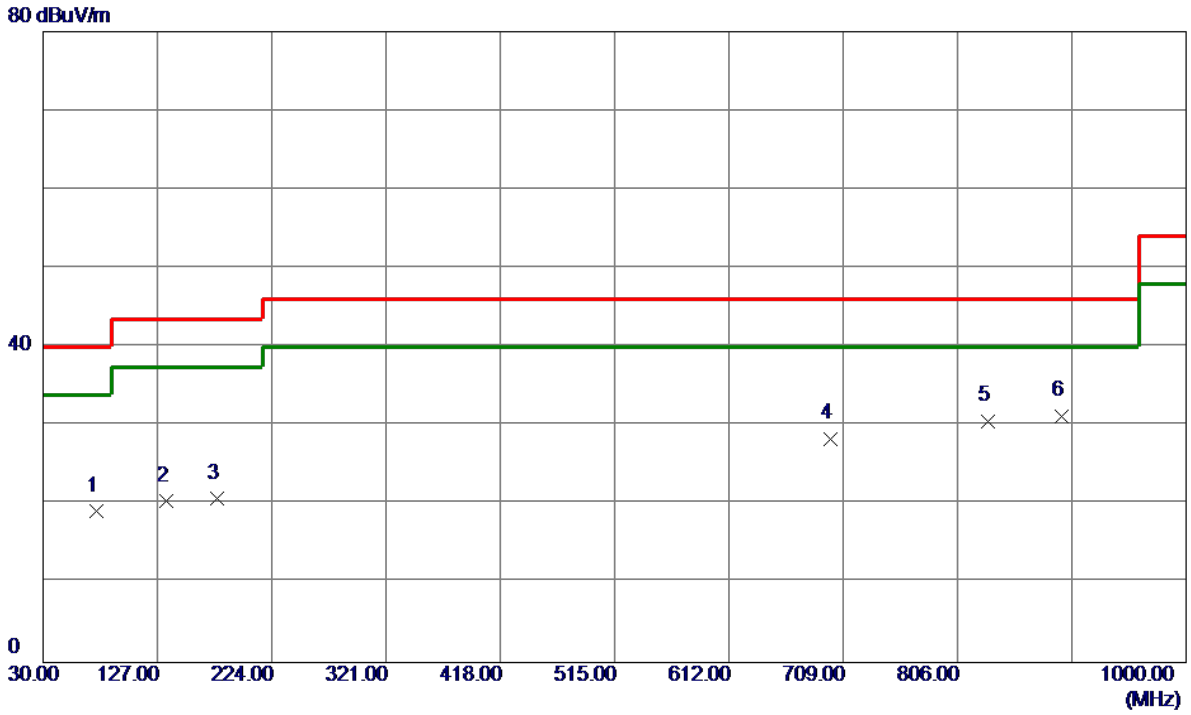


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	176.4700	35.54	-12.24	23.30	43.50	-20.20	Peak	
2	321.0000	32.49	-10.67	21.82	46.00	-24.18	Peak	
3	567.3800	30.64	-5.75	24.89	46.00	-21.11	Peak	
4	706.0900	30.30	-2.90	27.40	46.00	-18.60	Peak	
5 *	801.1500	30.97	-1.06	29.91	46.00	-16.09	Peak	
6	996.1200	34.00	0.31	34.31	54.00	-19.69	Peak	

For Group 2

Test Mode:	UNII-3/TX A20 5745MHz

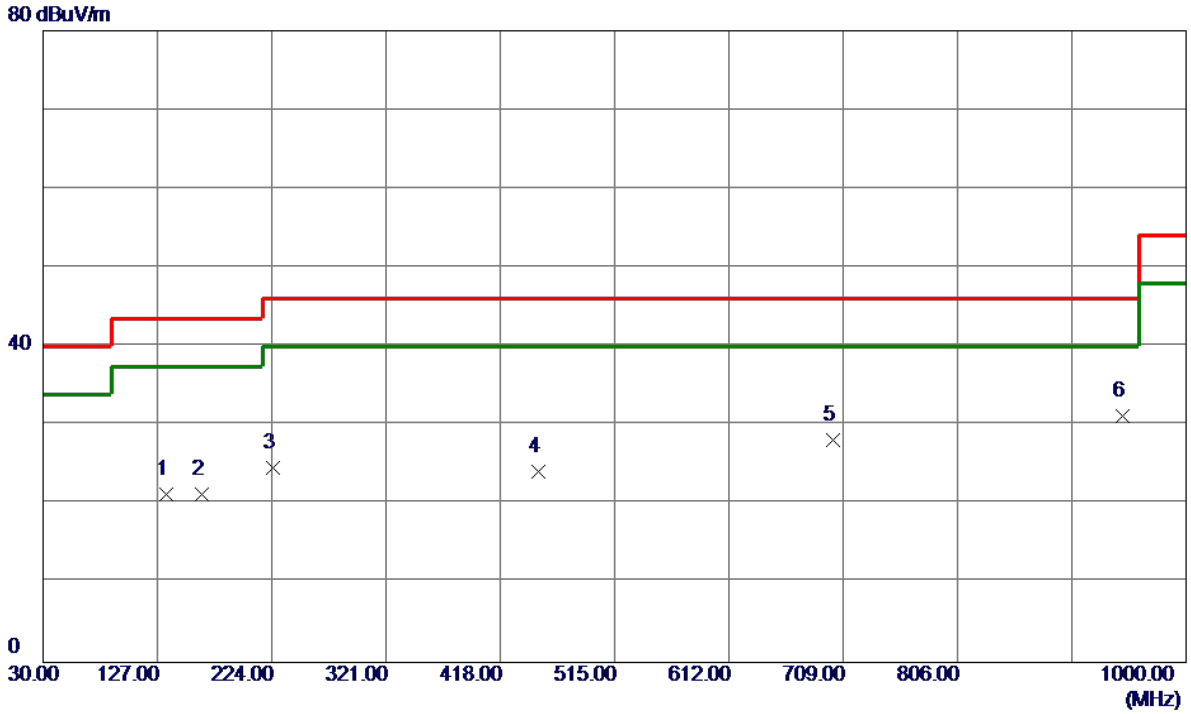
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	75.5899	37.67	-18.44	19.23	40.00	-20.77	Peak	
2	134.7600	33.24	-12.77	20.47	43.50	-23.03	Peak	
3	177.4400	33.20	-12.39	20.81	43.50	-22.69	Peak	
4	698.3300	31.23	-2.83	28.40	46.00	-17.60	Peak	
5	832.1900	32.18	-1.54	30.64	46.00	-15.36	Peak	
6 *	894.2700	32.02	-0.74	31.28	46.00	-14.72	Peak	

Test Mode:	UNII-3/TX A20 5745MHz

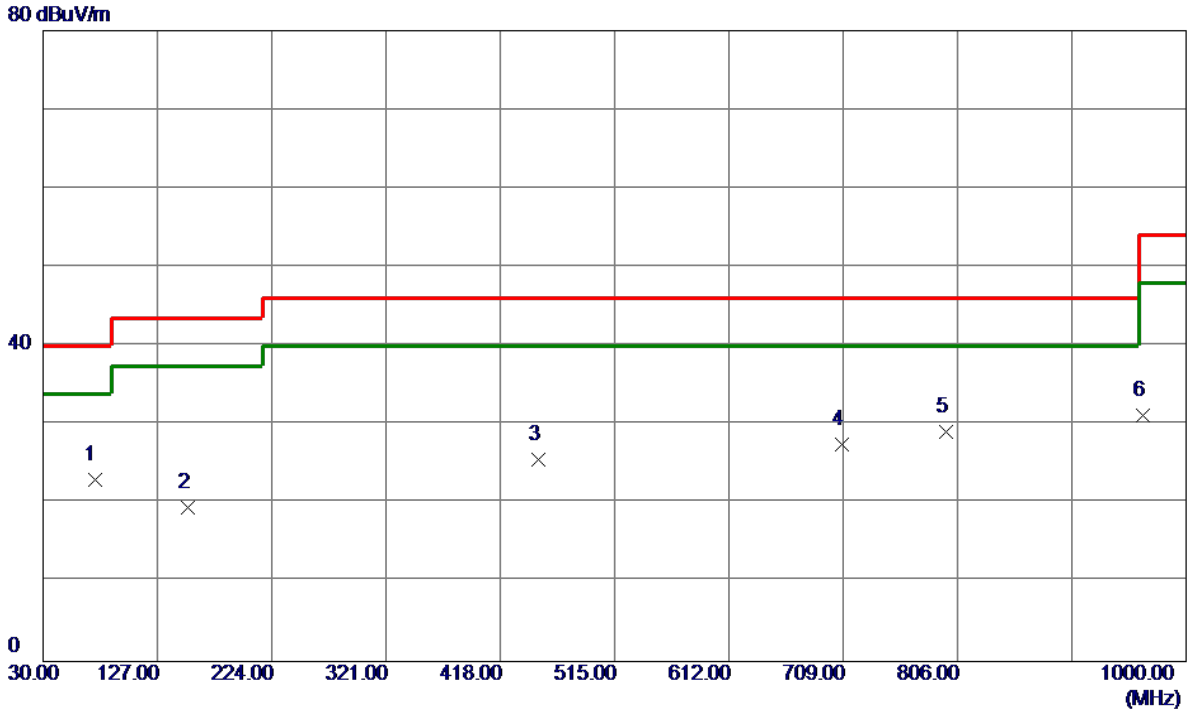
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	134.7600	33.99	-12.77	21.22	43.50	-22.28	Peak	
2	164.8300	32.20	-10.89	21.31	43.50	-22.19	Peak	
3	224.9700	39.51	-14.90	24.61	46.00	-21.39	Peak	
4	450.0100	31.64	-7.41	24.23	46.00	-21.77	Peak	
5	700.2700	30.86	-2.75	28.11	46.00	-17.89	Peak	
6 *	945.6800	29.95	1.24	31.19	46.00	-14.81	Peak	

Test Mode:	UNII-3/TX A20 5785MHz

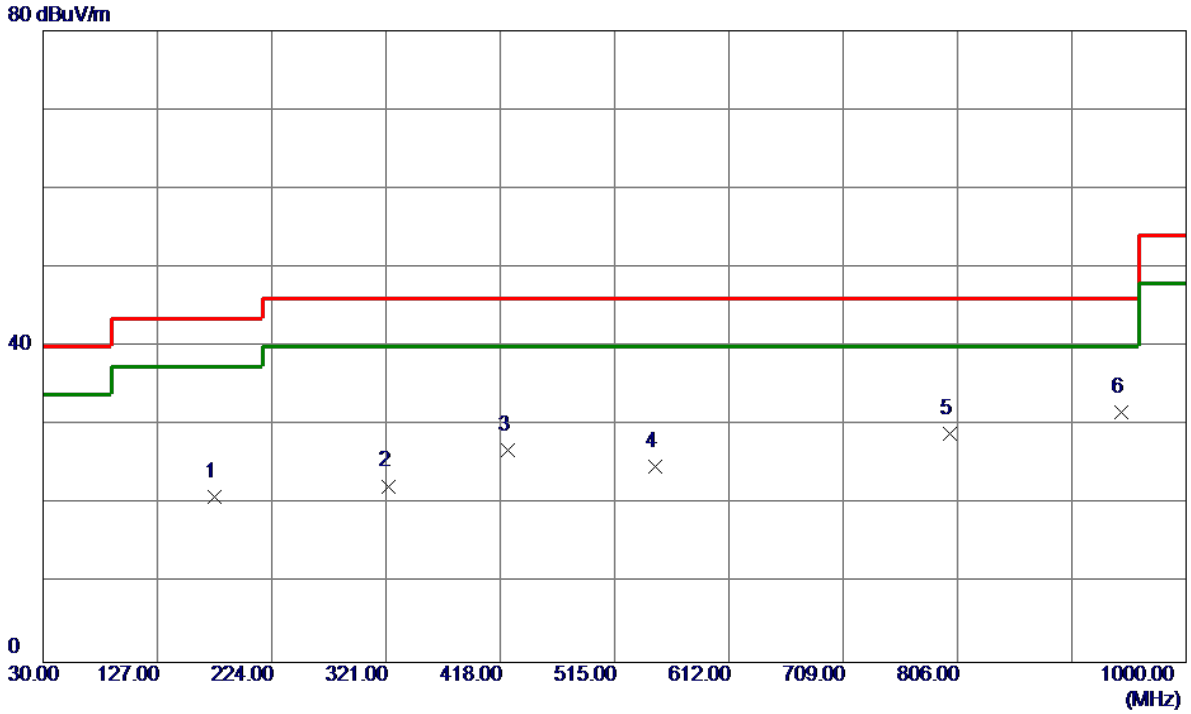
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	73.6500	41.21	-18.13	23.08	40.00	-16.92	Peak	
2	153.1900	30.79	-11.21	19.58	43.50	-23.92	Peak	
3	450.0100	32.97	-7.41	25.56	46.00	-20.44	Peak	
4	708.0300	30.46	-2.95	27.51	46.00	-18.49	Peak	
5	796.3000	30.33	-1.26	29.07	46.00	-16.93	Peak	
6	963.1400	30.13	1.10	31.23	54.00	-22.77	Peak	

Test Mode:	UNII-3/TX A20 5785MHz

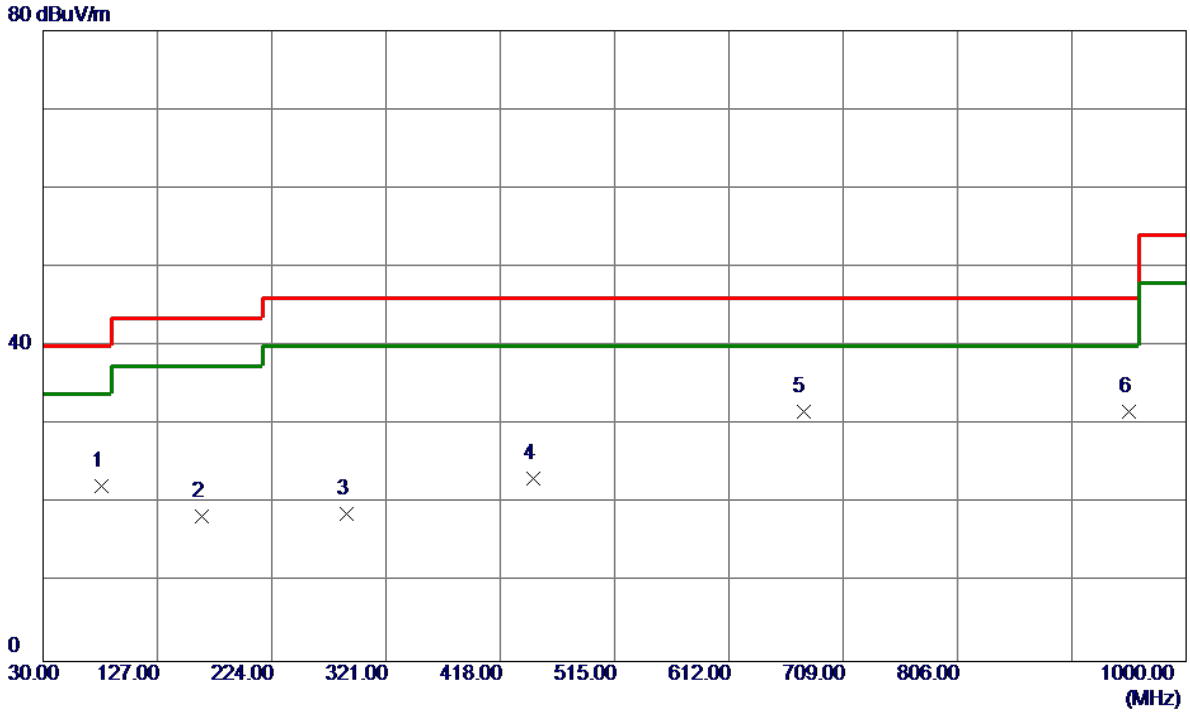
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	175.5000	32.97	-12.08	20.89	43.50	-22.61	Peak	
2	322.9400	33.01	-10.69	22.32	46.00	-23.68	Peak	
3	424.7900	35.30	-8.40	26.90	46.00	-19.10	Peak	
4	549.9200	30.35	-5.47	24.88	46.00	-21.12	Peak	
5	799.2100	29.98	-1.09	28.89	46.00	-17.11	Peak	
6 *	944.7100	30.52	1.20	31.72	46.00	-14.28	Peak	

Test Mode:	UNII-3/TX A20 5825MHz

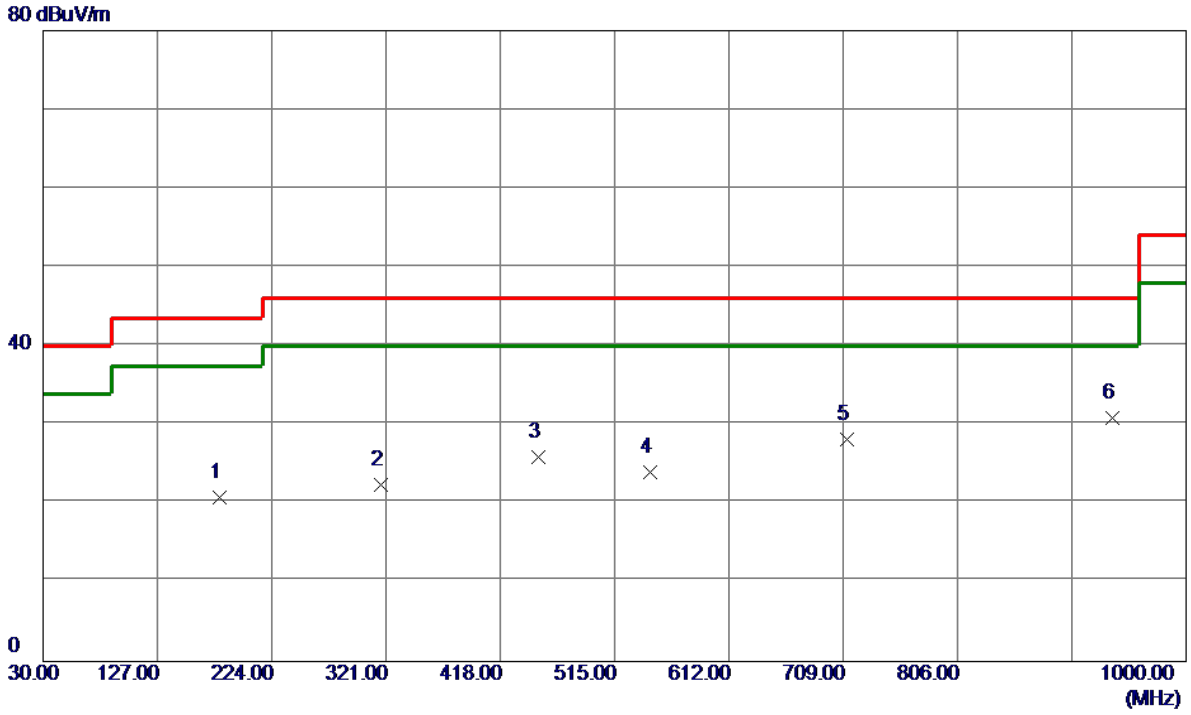
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	79.4700	40.82	-18.56	22.26	40.00	-17.74	Peak	
2	164.8300	29.24	-10.89	18.35	43.50	-25.15	Peak	
3	288.0200	29.80	-11.03	18.77	46.00	-27.23	Peak	
4	446.1300	30.82	-7.56	23.26	46.00	-22.74	Peak	
5 *	675.0500	35.67	-3.96	31.71	46.00	-14.29	Peak	
6	951.5000	30.25	1.37	31.62	46.00	-14.38	Peak	

Test Mode:	UNII-3/TX A20 5825MHz

Horizontal



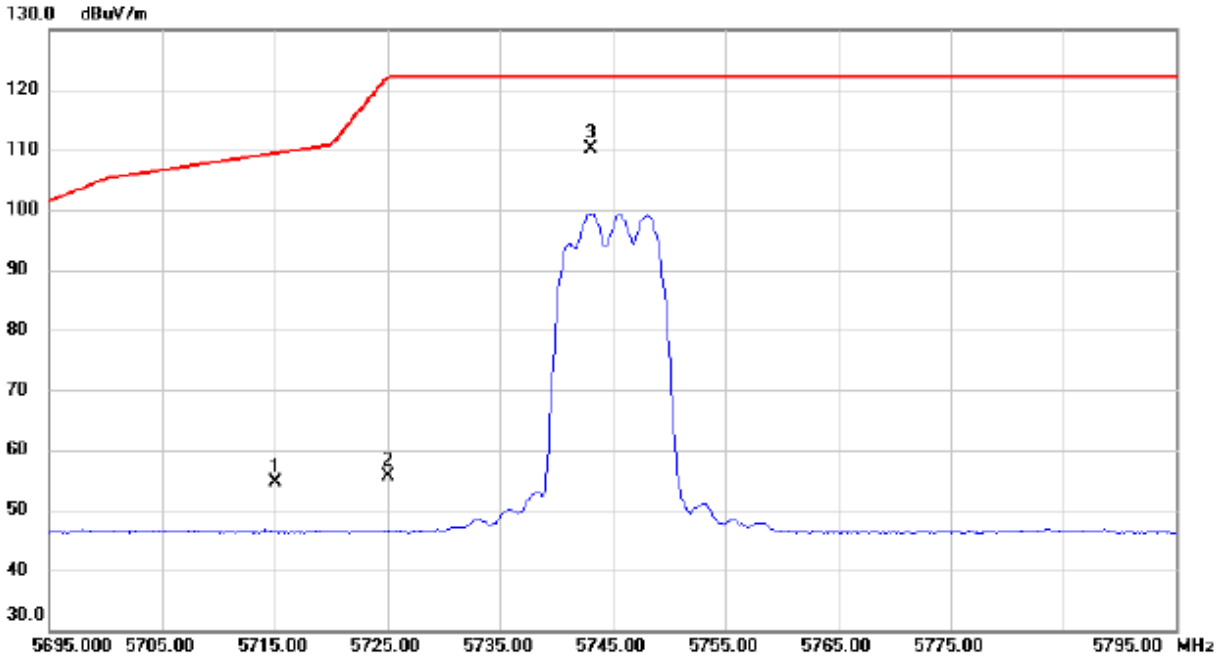
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	179.3800	33.51	-12.70	20.81	43.50	-22.69	Peak	
2	317.1200	33.06	-10.61	22.45	46.00	-23.55	Peak	
3	450.0100	33.38	-7.41	25.97	46.00	-20.03	Peak	
4	545.0700	29.77	-5.77	24.00	46.00	-22.00	Peak	
5	711.9099	31.28	-3.05	28.23	46.00	-17.77	Peak	
6 *	937.9200	29.95	0.92	30.87	46.00	-15.13	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

For Group 1

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

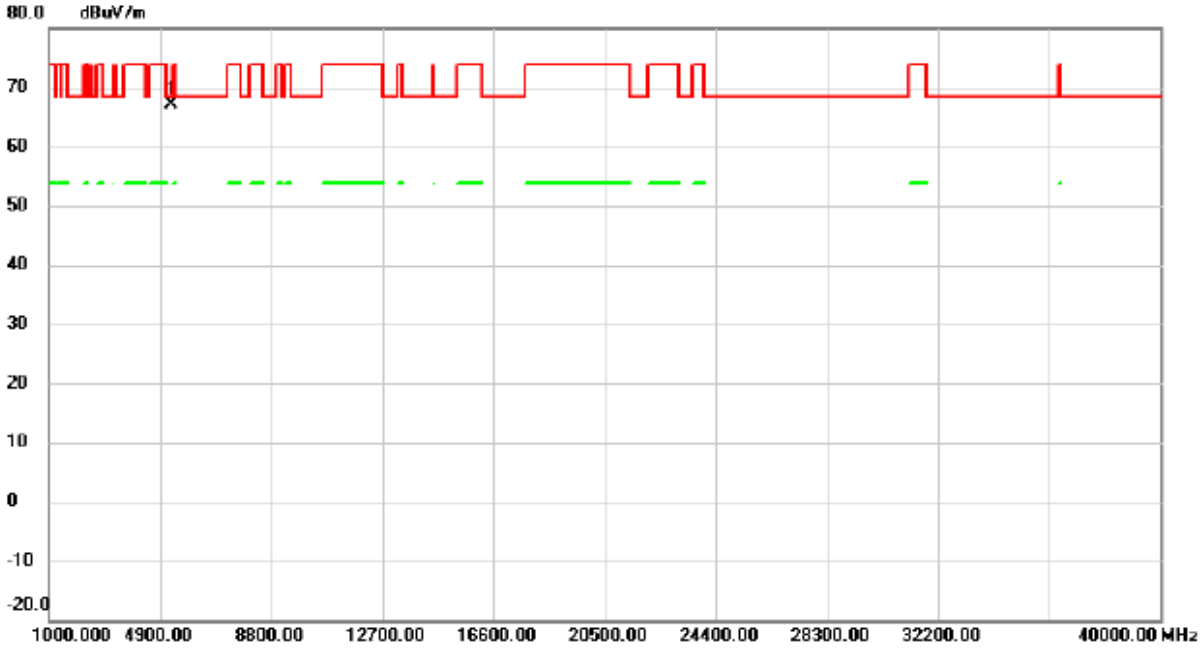
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	31.53	23.15	54.68	109.40	-54.72	peak	
2		5725.000	32.35	23.19	55.54	122.20	-66.66	peak	
3	*	5743.000	86.86	23.26	110.12	122.20	-12.08	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

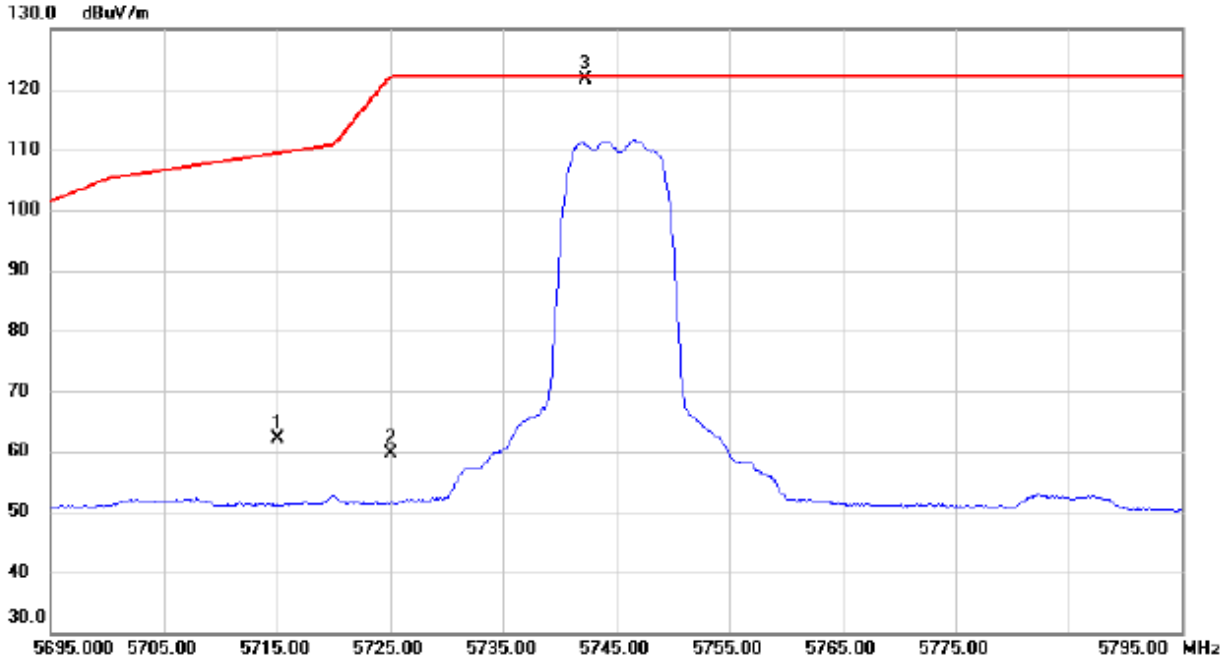
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.73	11.41	67.14	68.30	-1.16	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

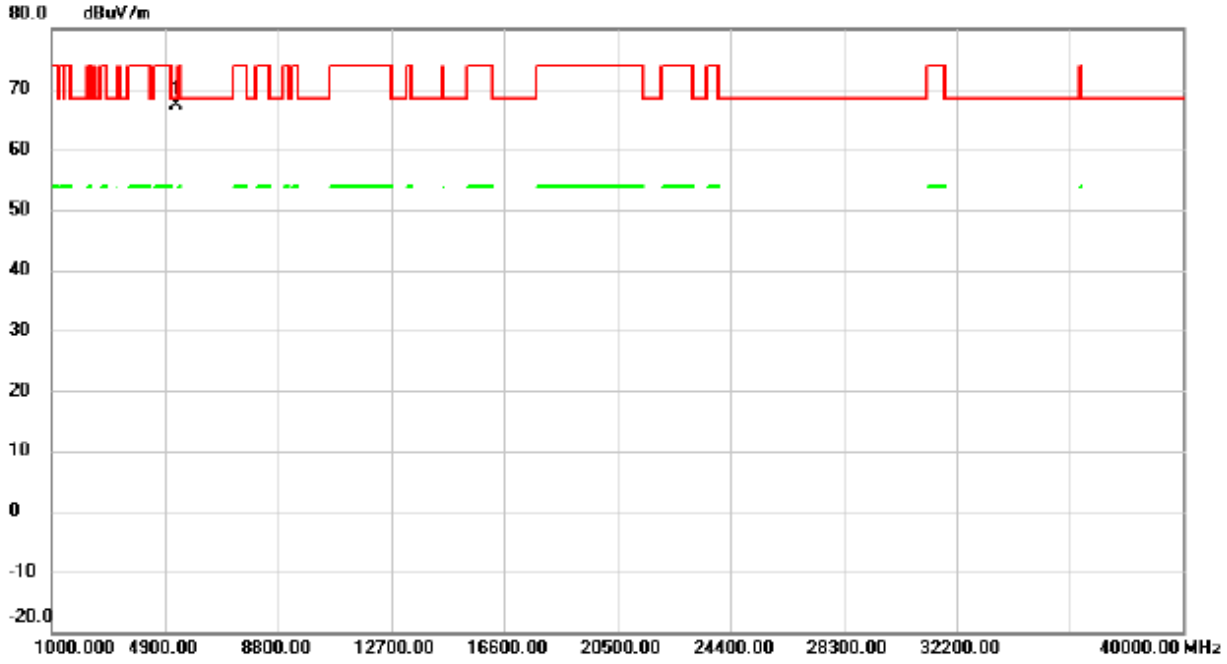
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	39.05	23.15	62.20	109.40	-47.20	peak	
2		5725.000	36.55	23.19	59.74	122.20	-62.46	peak	
3	*	5742.300	98.28	23.26	121.54	122.20	-0.66	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

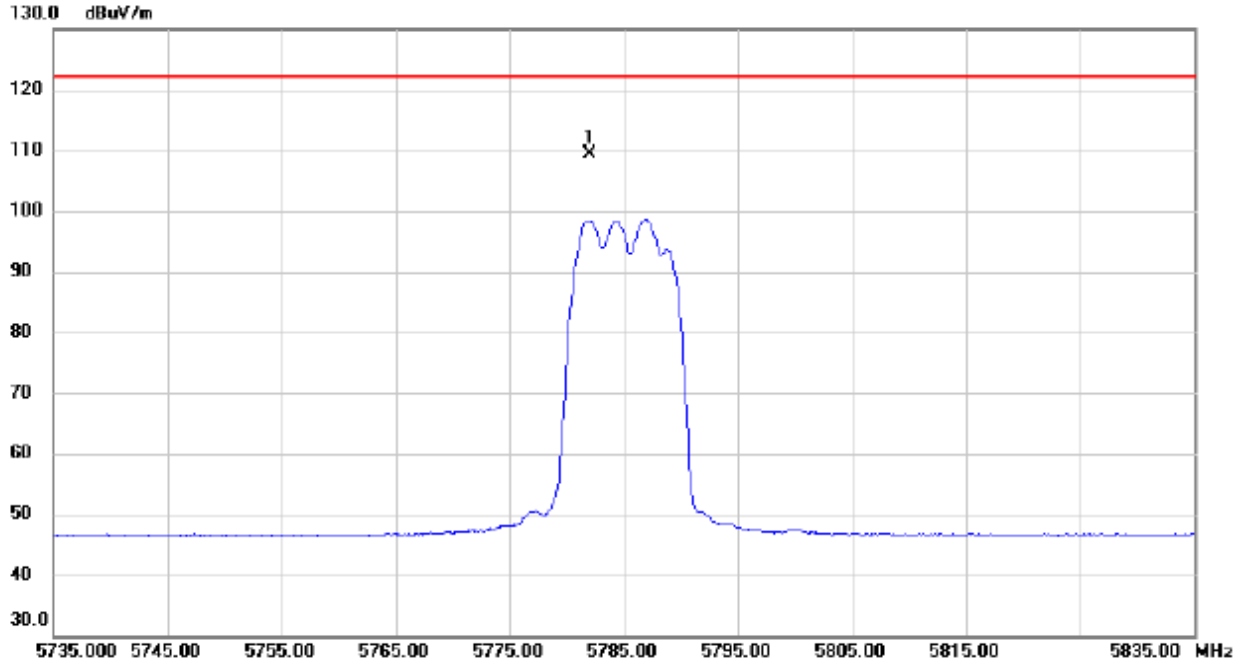
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	56.09	11.41	67.50	68.30	-0.80	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

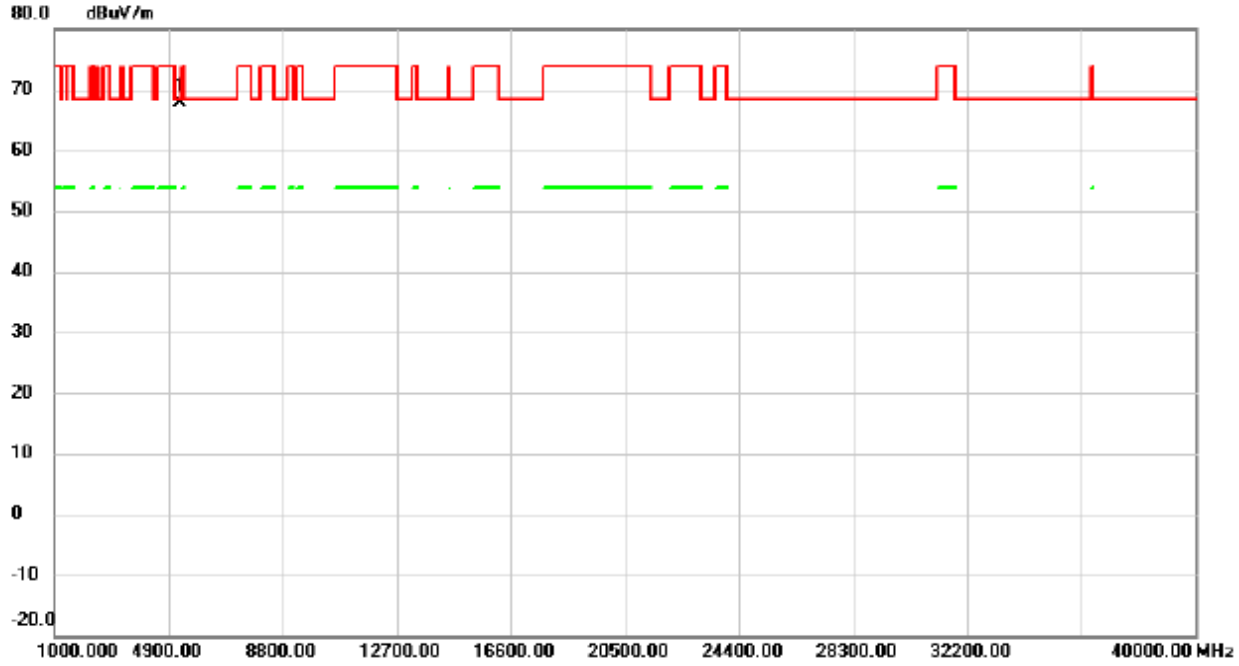
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5782.000	85.92	23.42	109.34	122.20	-12.86	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

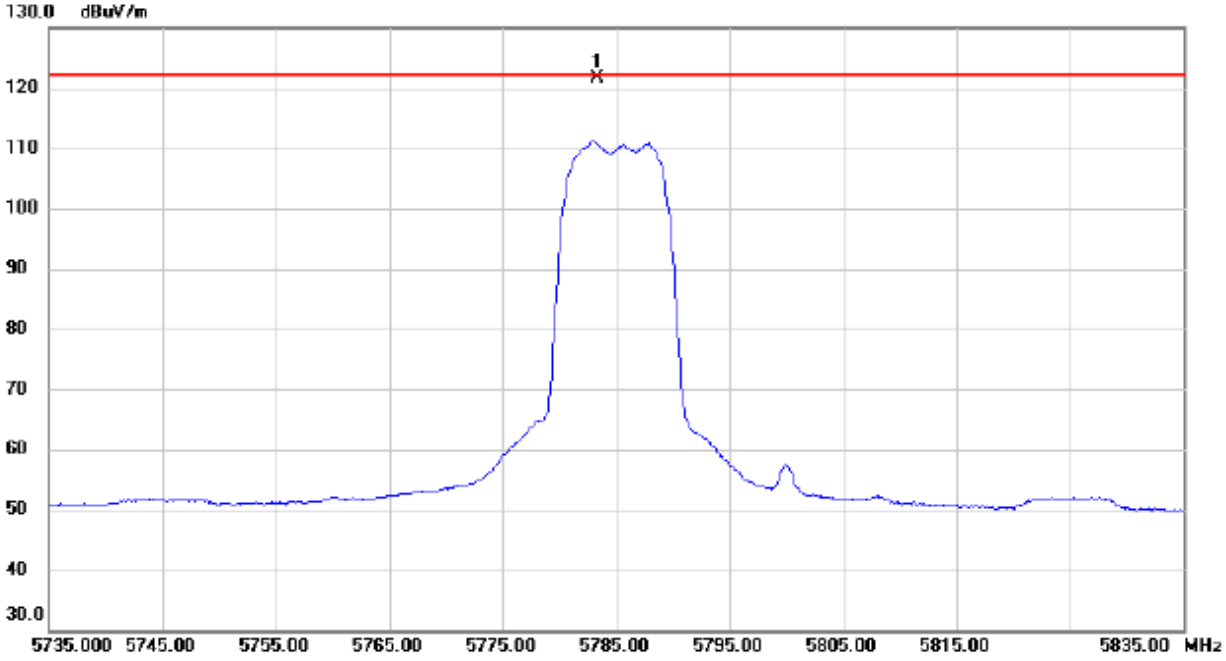
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	56.42	11.41	67.83	68.30	-0.47	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

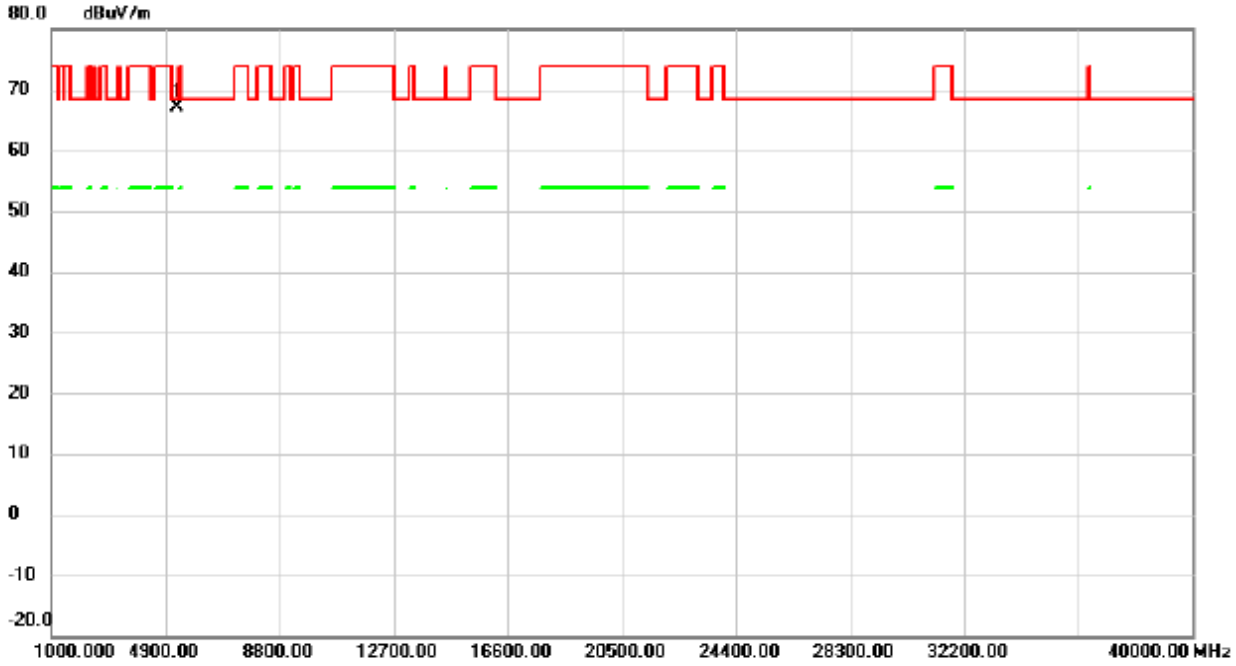
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5783.400	98.16	23.43	121.59	122.20	-0.61	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

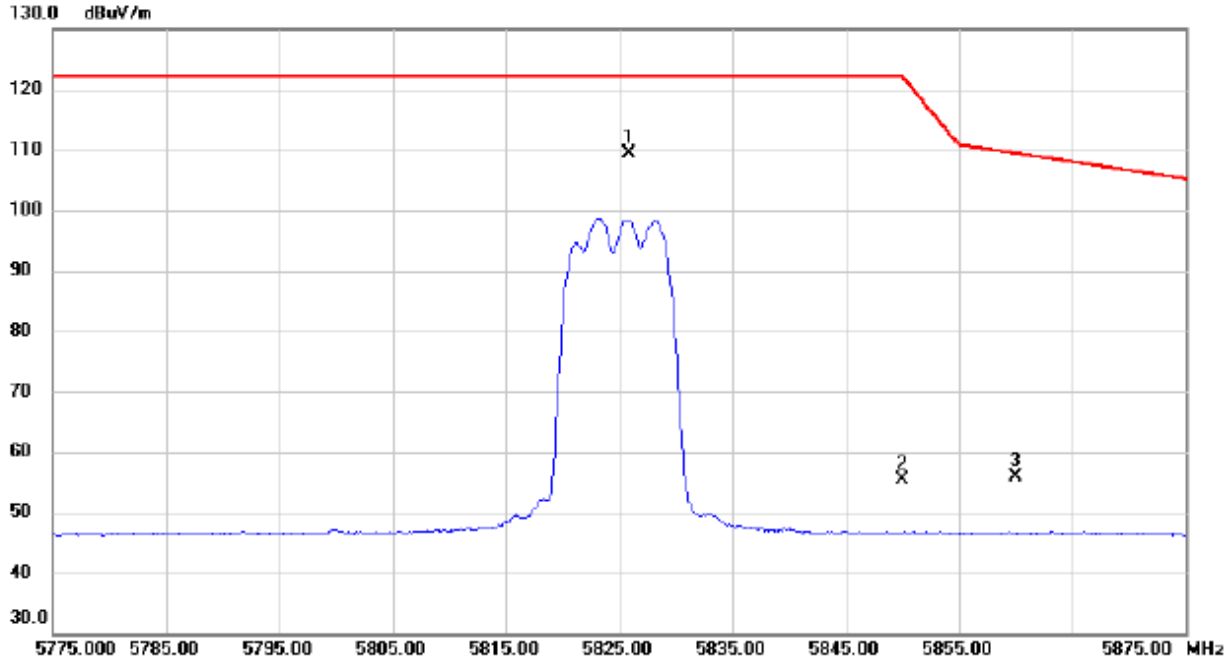
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.78	11.41	67.19	68.30	-1.11	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

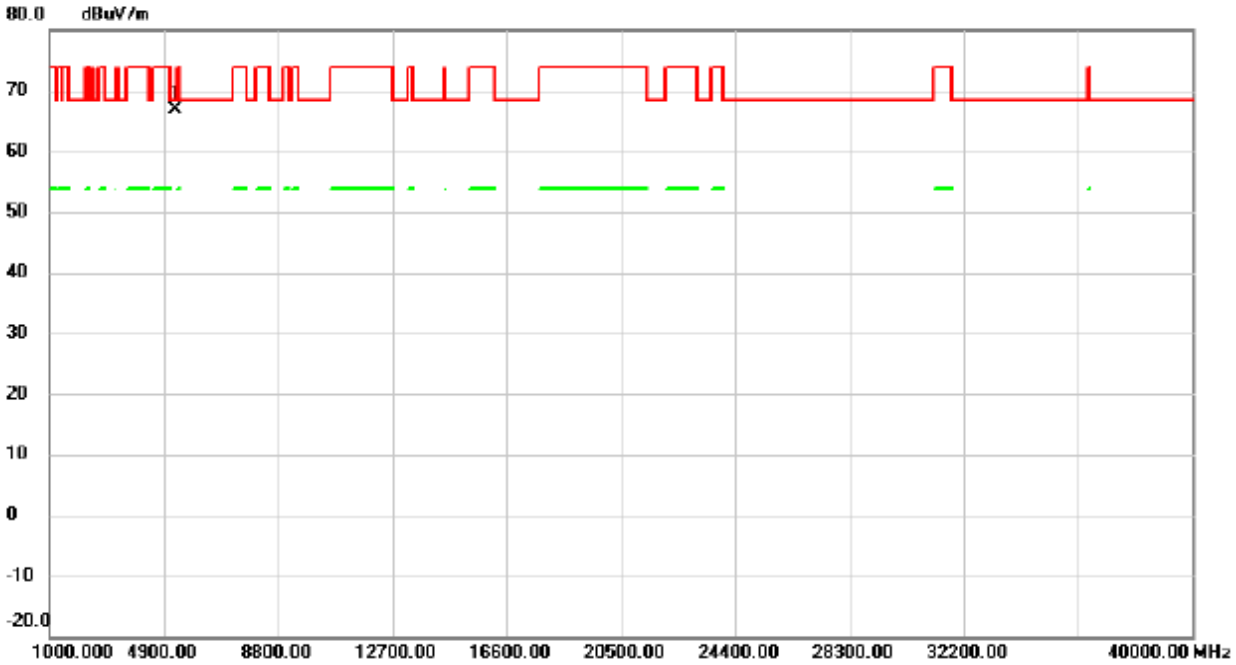
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5825.800	85.69	23.59	109.28	122.20	-12.92	peak	No Limit
2		5850.000	31.75	23.69	55.44	122.20	-66.76	peak	
3		5860.000	32.15	23.74	55.89	109.40	-53.51	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

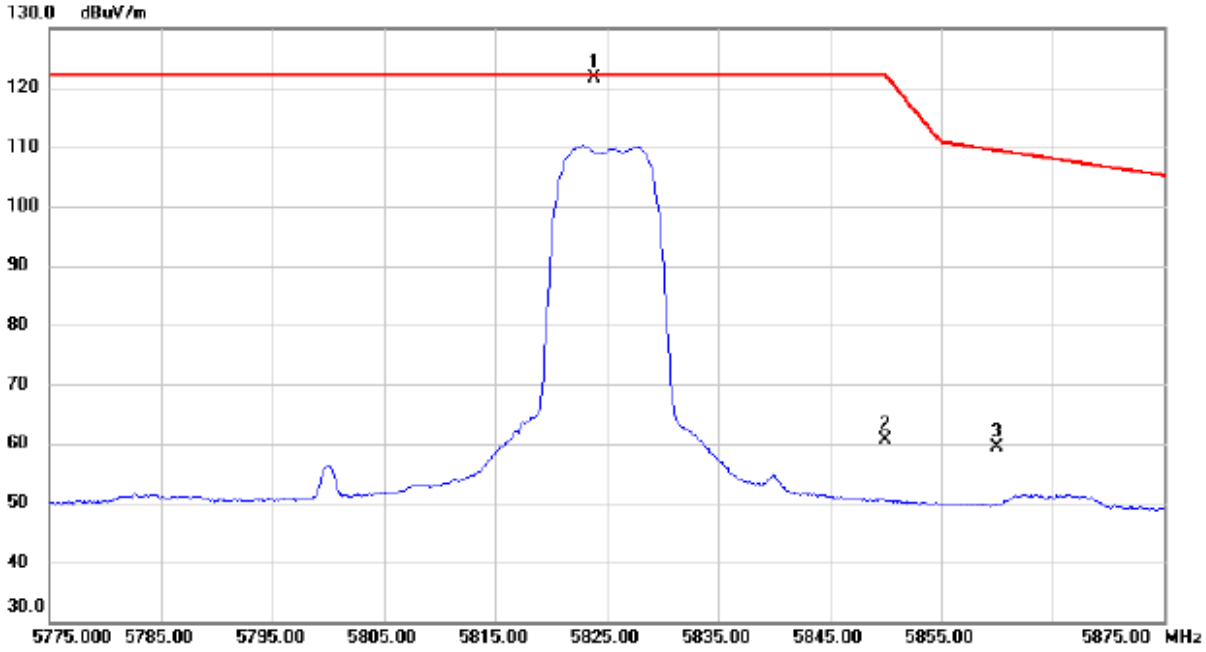
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.51	11.41	66.92	68.30	-1.38	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

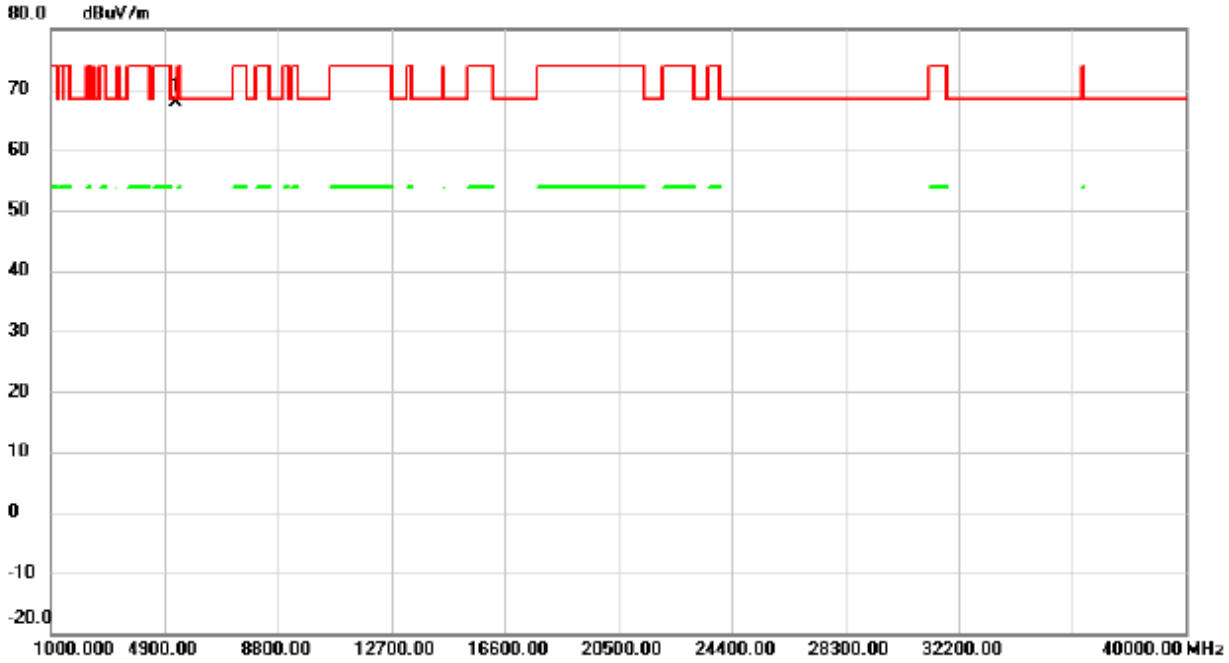
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5823.900	97.96	23.59	121.55	122.20	-0.65	peak	No Limit
2		5850.000	36.90	23.69	60.59	122.20	-61.61	peak	
3		5860.000	35.74	23.74	59.48	109.40	-49.92	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

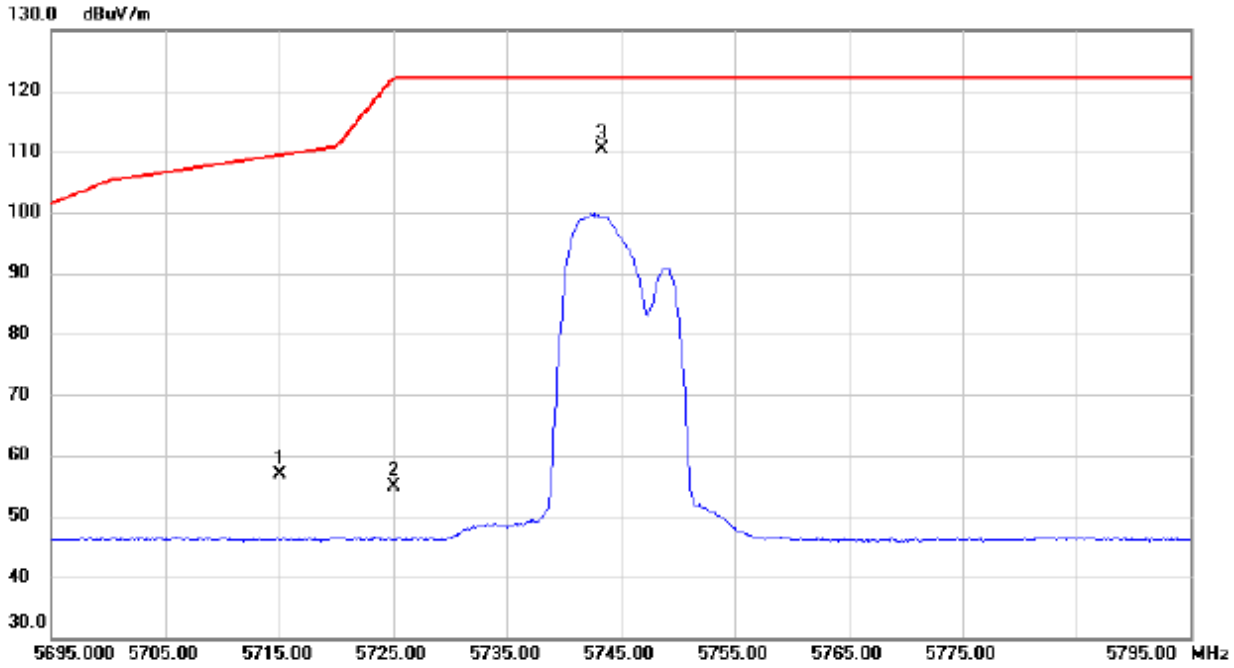
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	56.58	11.41	67.99	68.30	-0.31	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

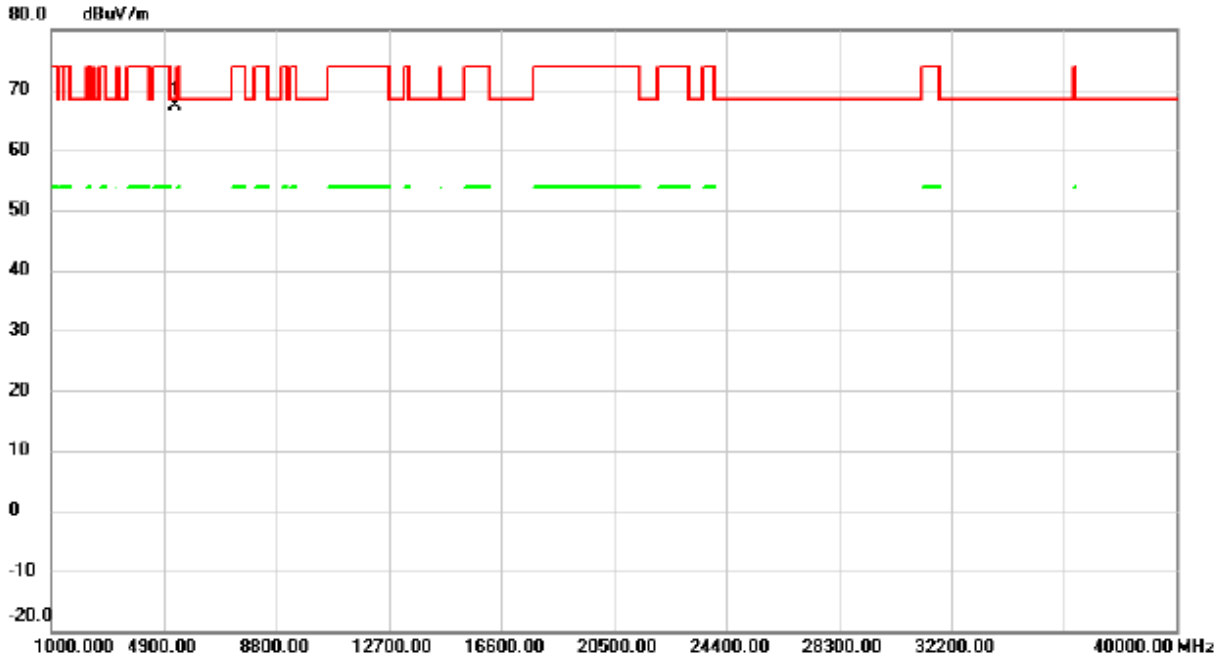
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	33.80	23.15	56.95	109.40	-52.45	peak	
2		5725.000	31.67	23.19	54.86	122.20	-67.34	peak	
3	*	5743.300	87.14	23.26	110.40	122.20	-11.80	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

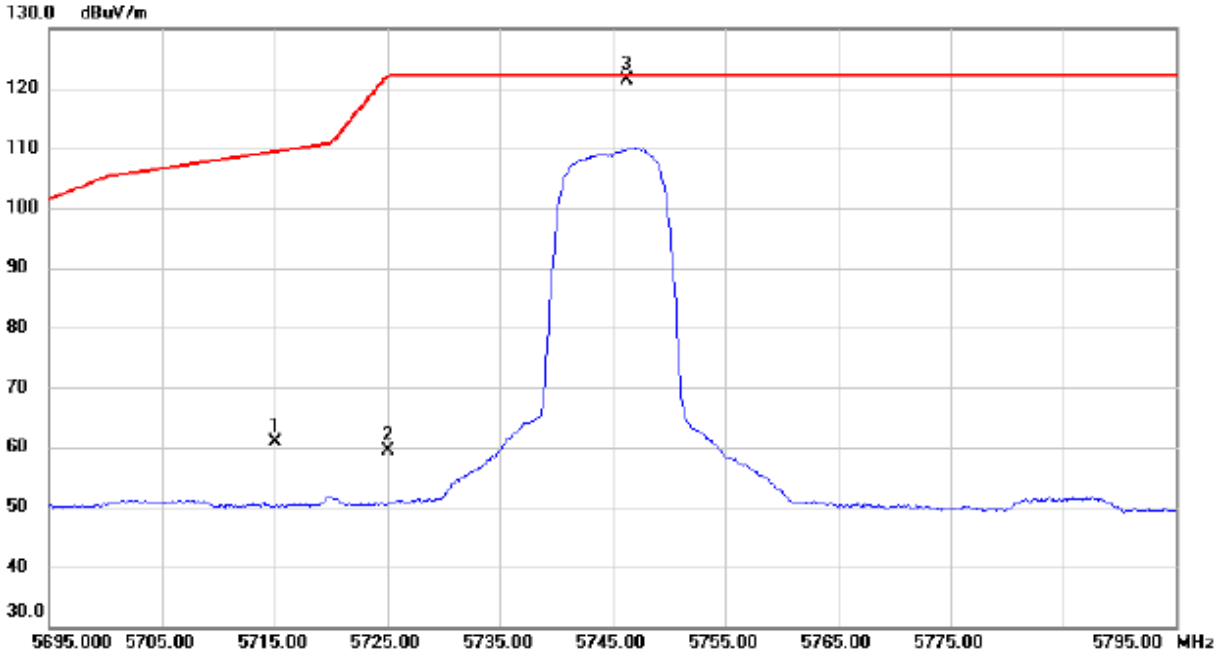
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.97	11.41	67.38	68.30	-0.92	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

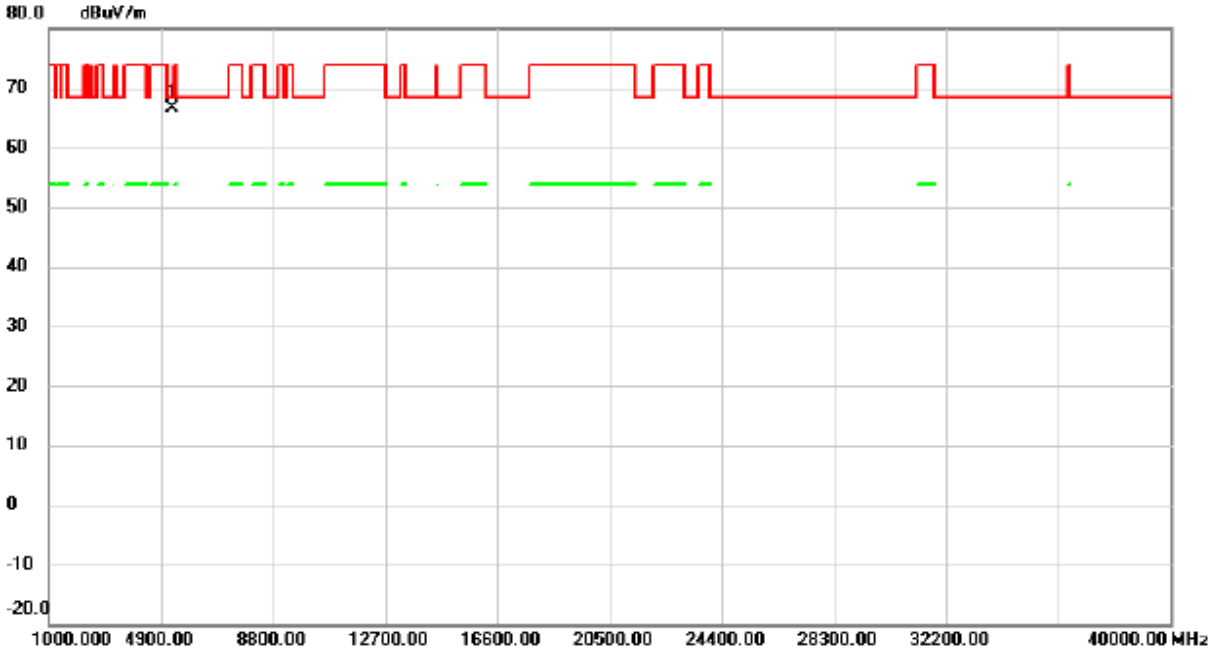
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	37.61	23.15	60.76	109.40	-48.64	peak	
2		5725.000	36.23	23.19	59.42	122.20	-62.78	peak	
3	*	5746.300	98.06	23.28	121.34	122.20	-0.86	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

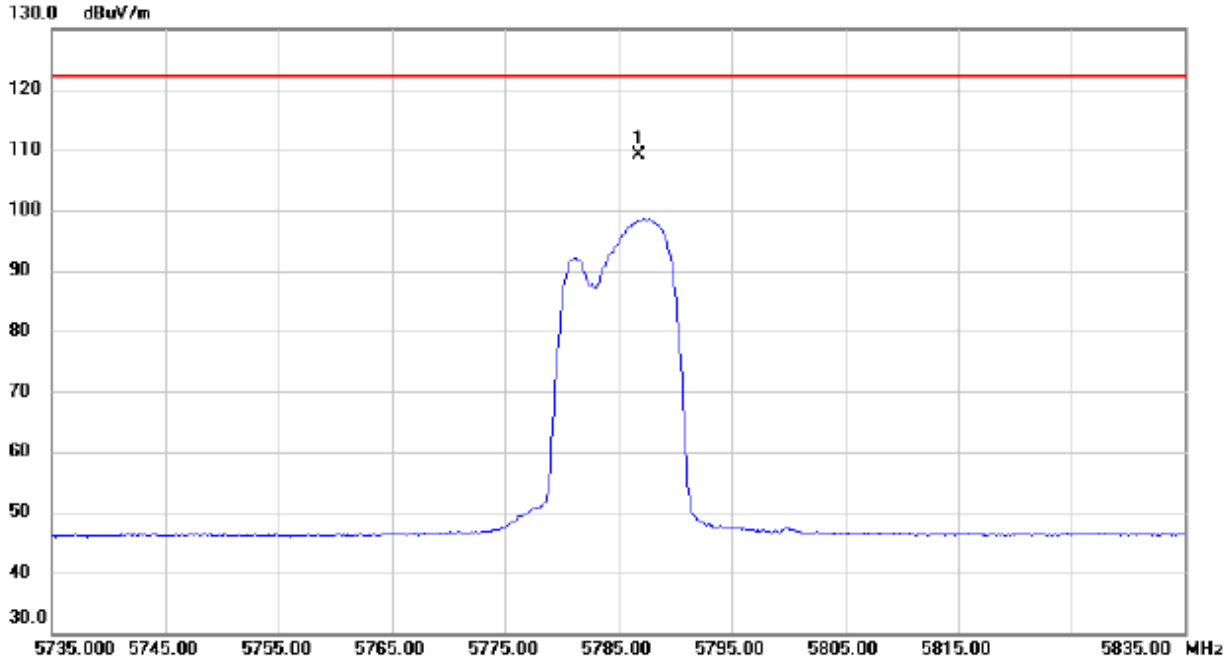
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.15	11.41	66.56	68.30	-1.74	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

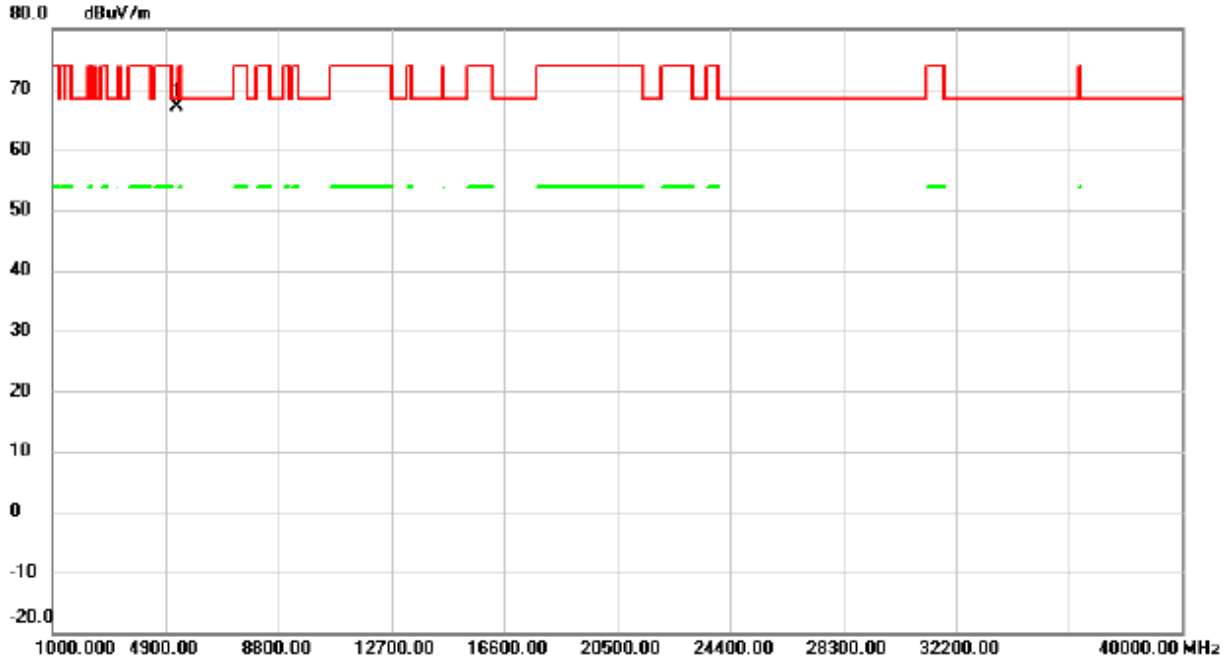
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5786.800	85.65	23.44	109.09	122.20	-13.11	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

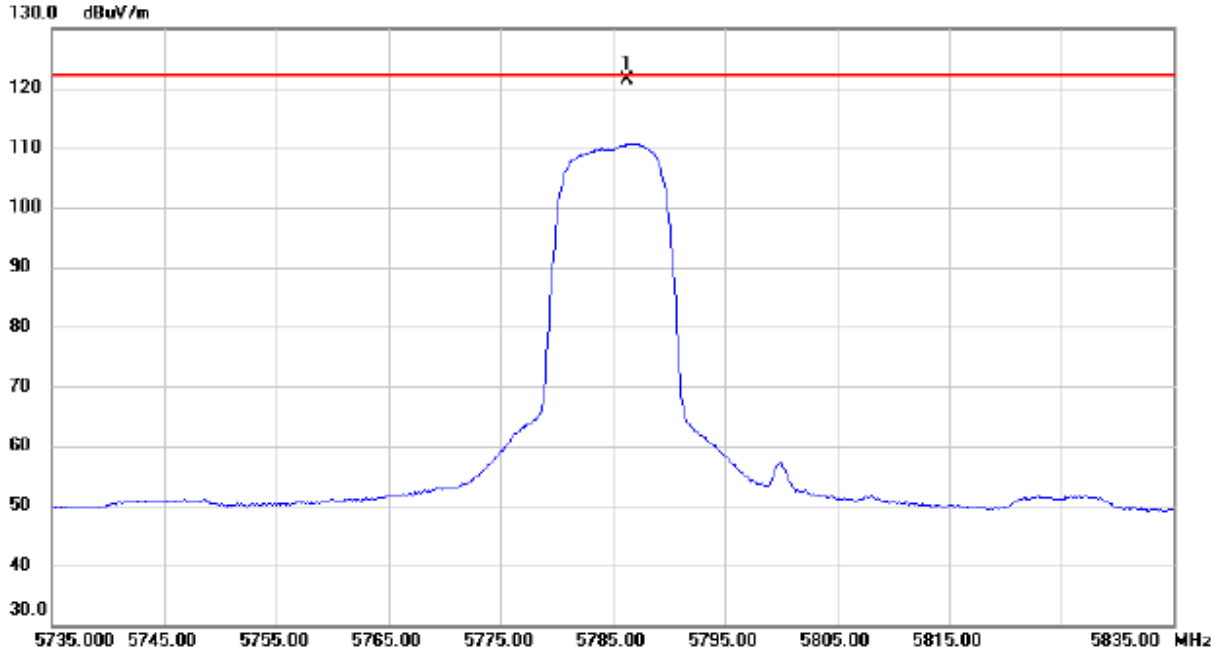
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.82	11.41	67.23	68.30	-1.07	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

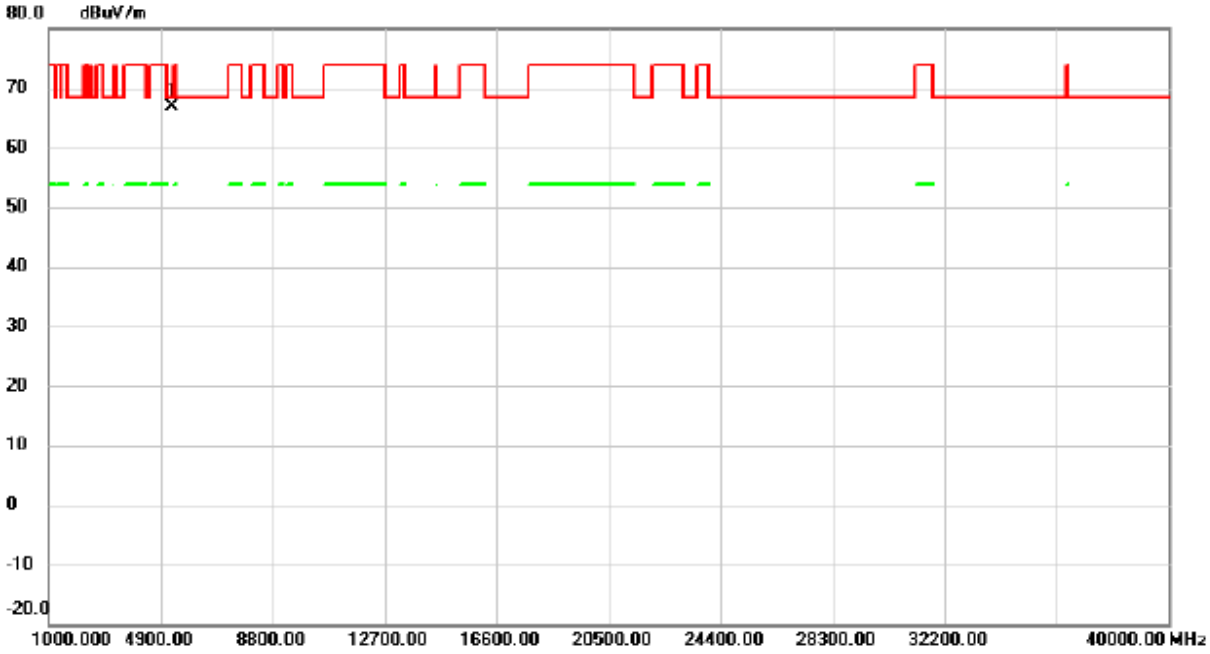
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5786.300	98.02	23.44	121.46	122.20	-0.74	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

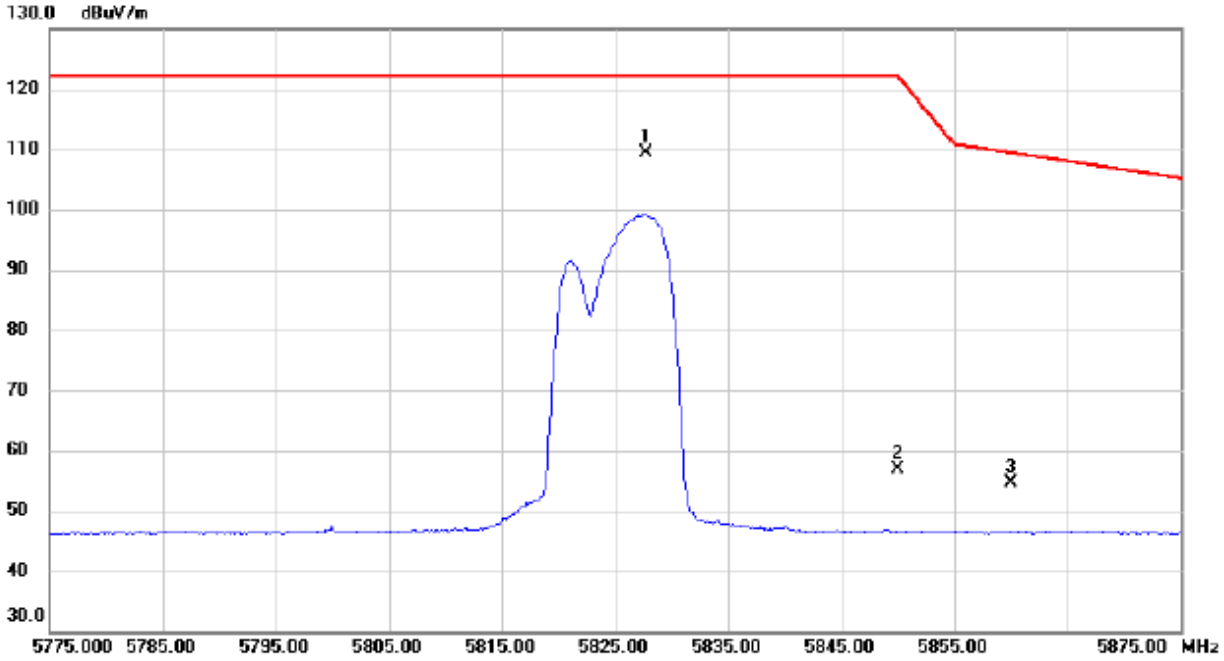
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.40	11.41	66.81	68.30	-1.49	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5825MHz

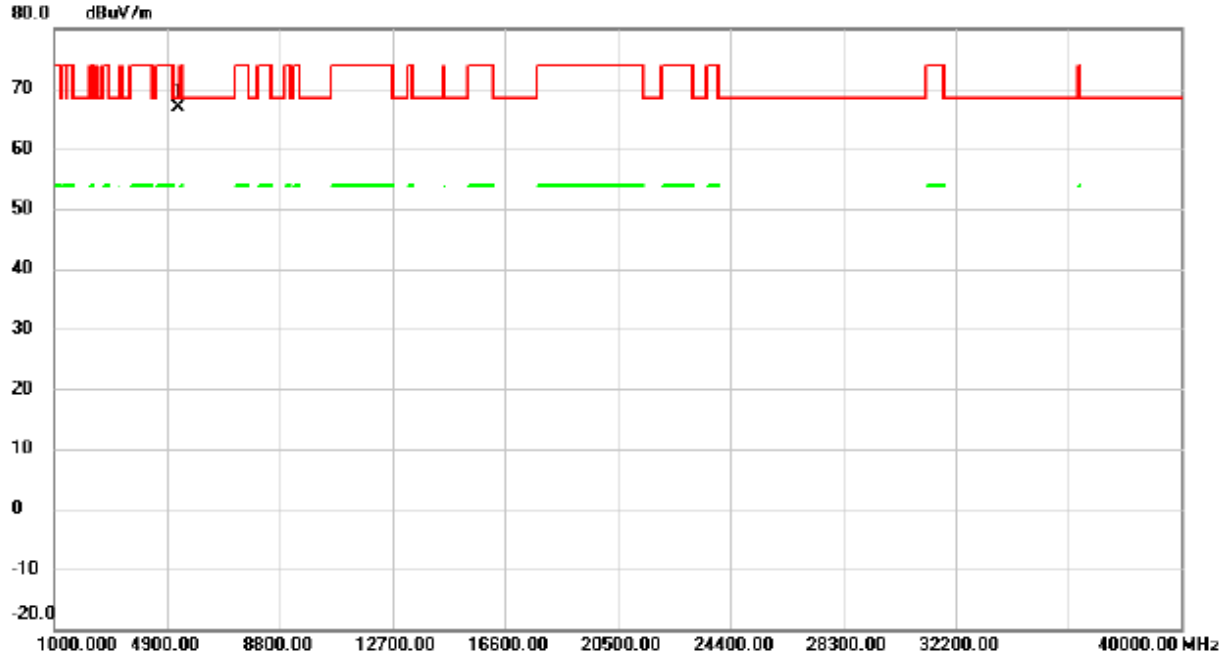
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5827.700	85.85	23.60	109.45	122.20	-12.75	peak	No Limit
2		5850.000	33.18	23.69	56.87	122.20	-65.33	peak	
3		5860.000	30.78	23.74	54.52	109.40	-54.88	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5825MHz

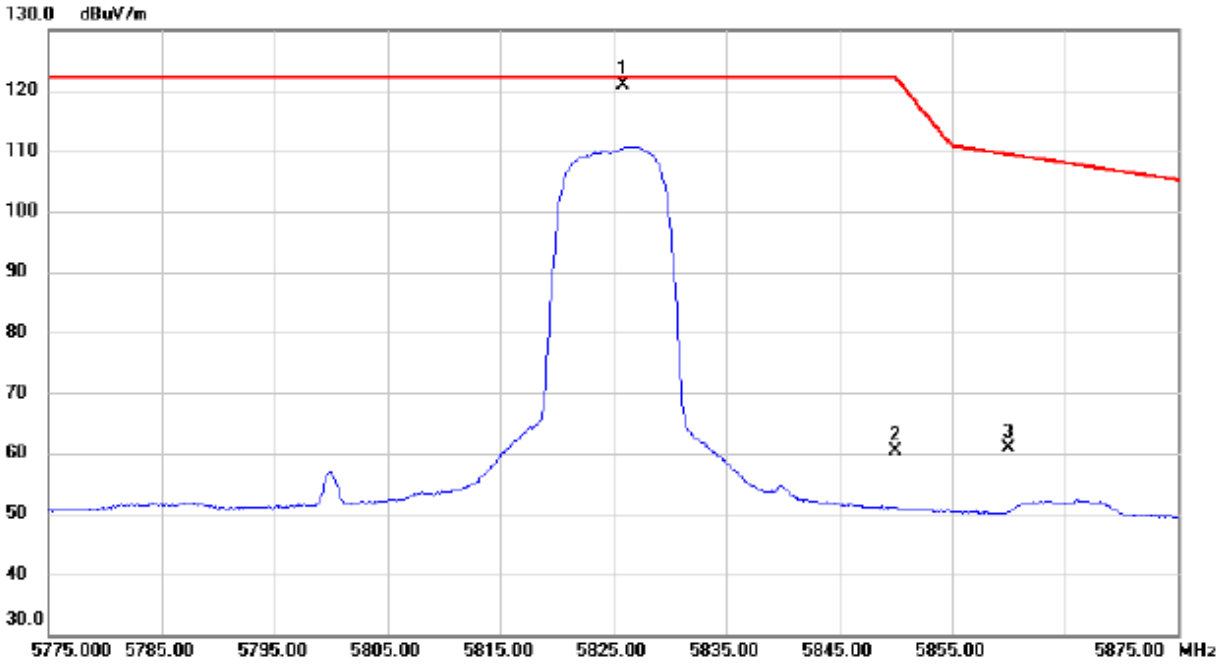
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	55.35	11.41	66.76	68.30	-1.54	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5825MHz

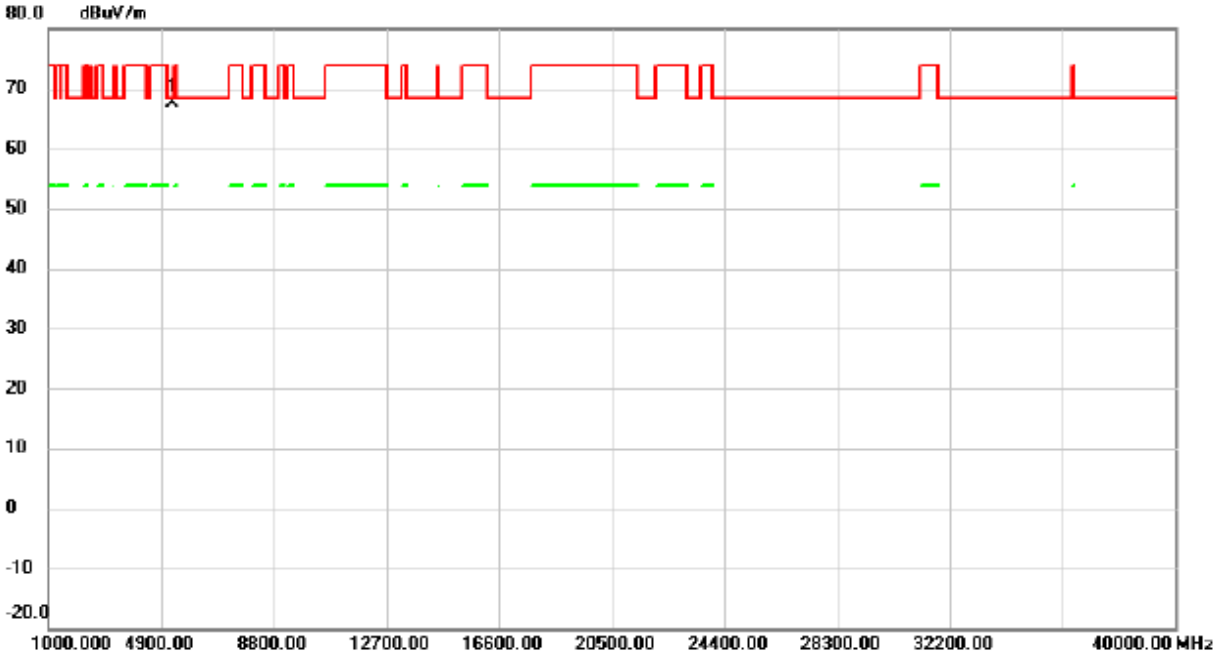
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5825.900	97.30	23.59	120.89	122.20	-1.31	peak	No Limit
2		5850.000	36.79	23.69	60.48	122.20	-61.72	peak	
3		5860.000	37.09	23.74	60.83	109.40	-48.57	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5825MHz

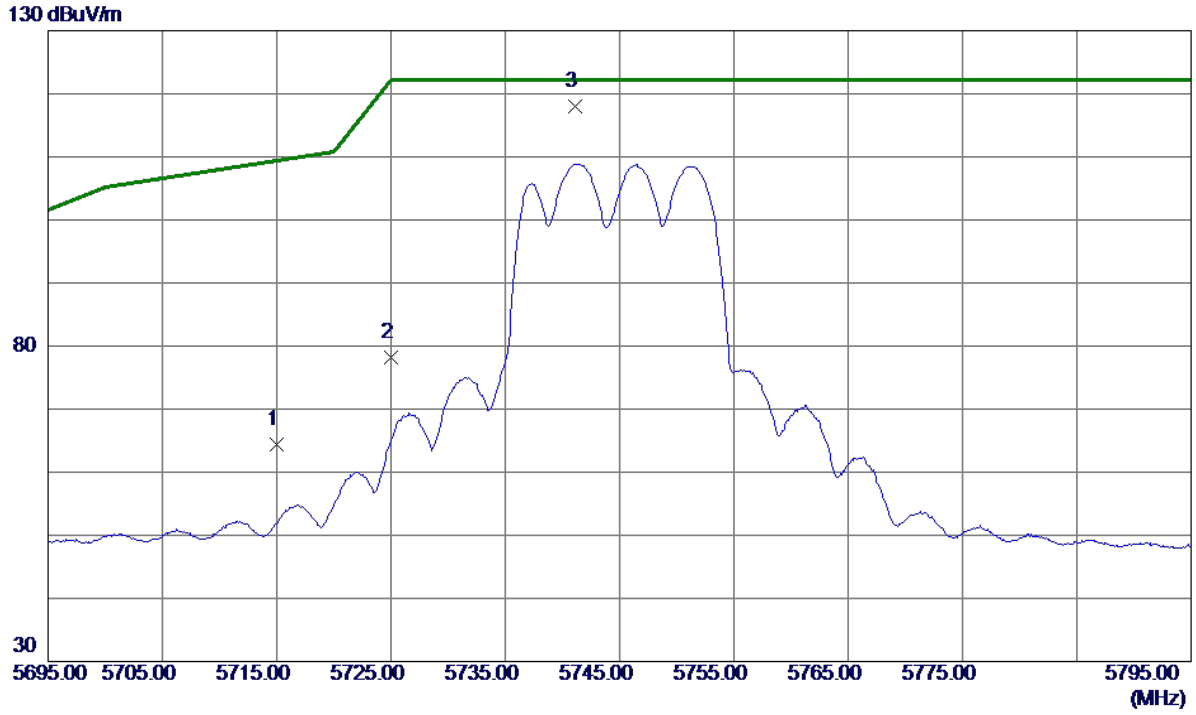
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	56.11	11.41	67.52	68.30	-0.78	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5745MHz

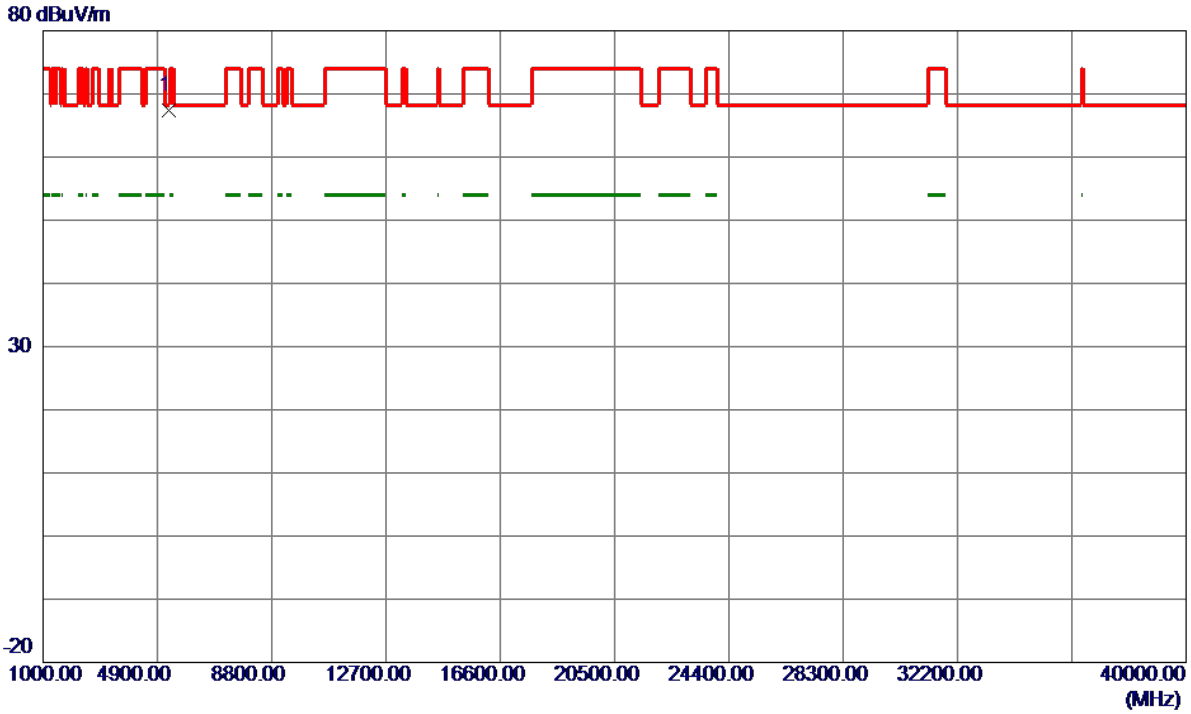
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	41.29	23.16	64.45	109.40	-44.95	Peak	
2	5725.0000	55.08	23.20	78.28	122.20	-43.92	Peak	
3 *	5741.1000	94.76	23.26	118.02	122.20	-4.18	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5745MHz

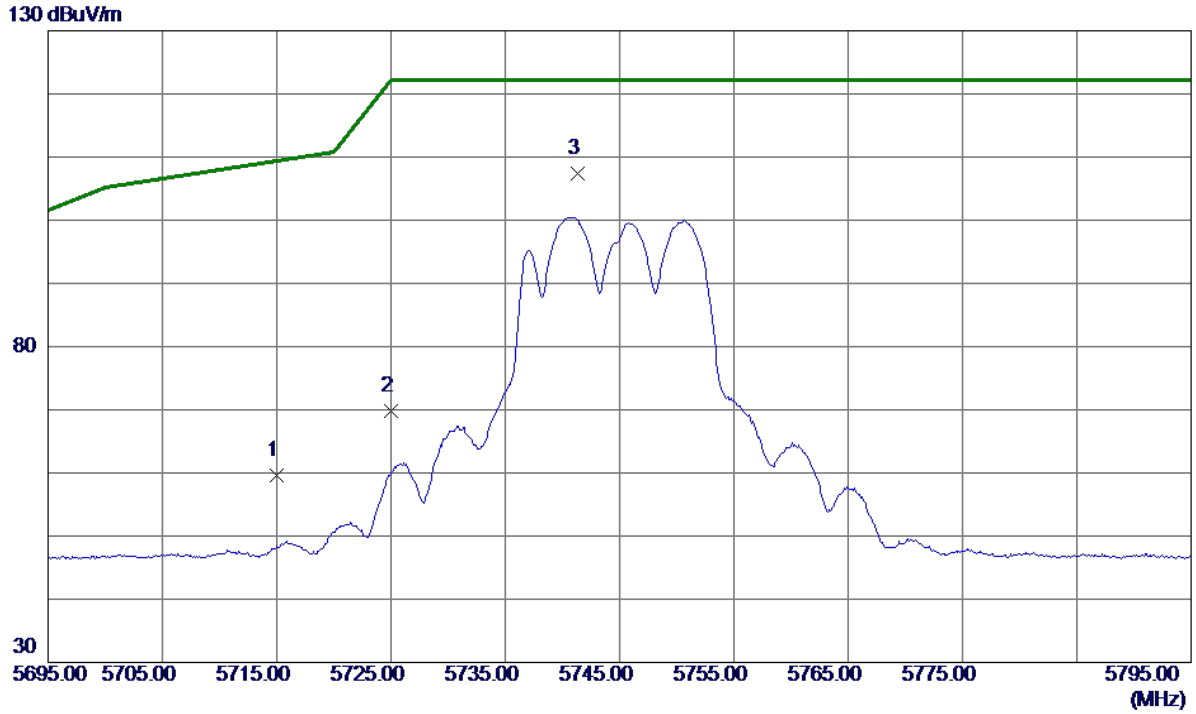
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	55.91	11.40	67.31	68.30	-0.99	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5745MHz

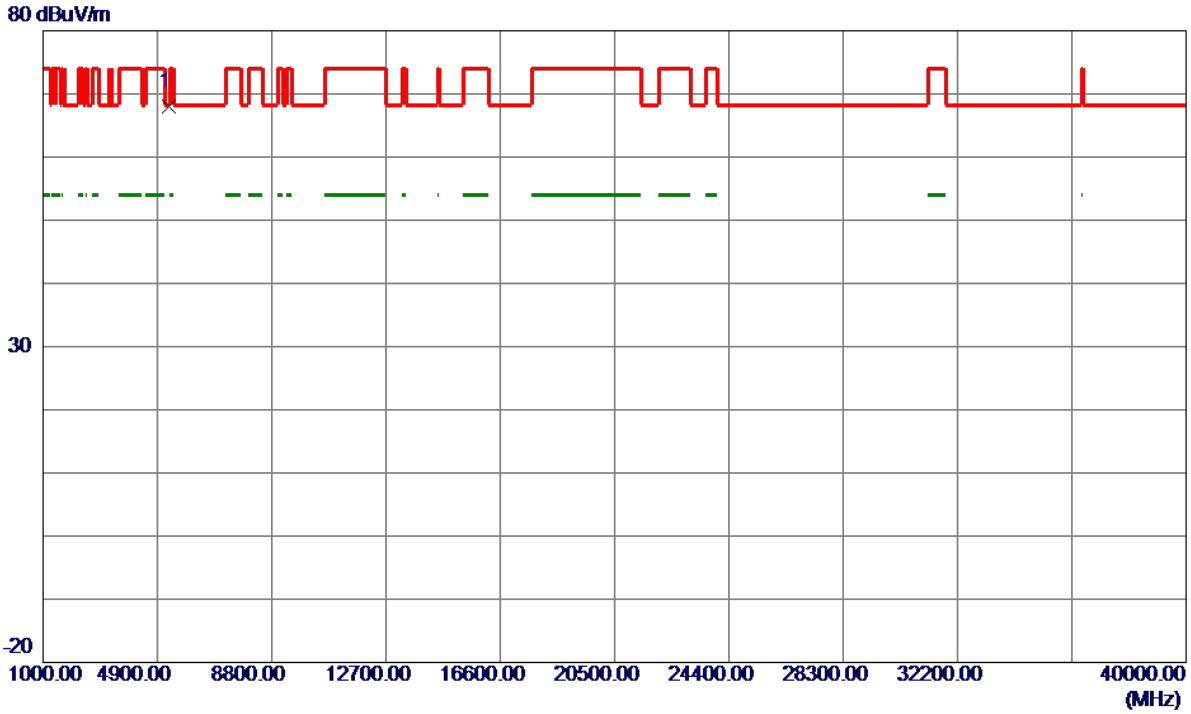
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	36.53	23.16	59.69	109.40	-49.71	Peak	
2	5725.0000	46.66	23.20	69.86	122.20	-52.34	Peak	
3 *	5741.3000	84.10	23.26	107.36	122.20	-14.84	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5745MHz

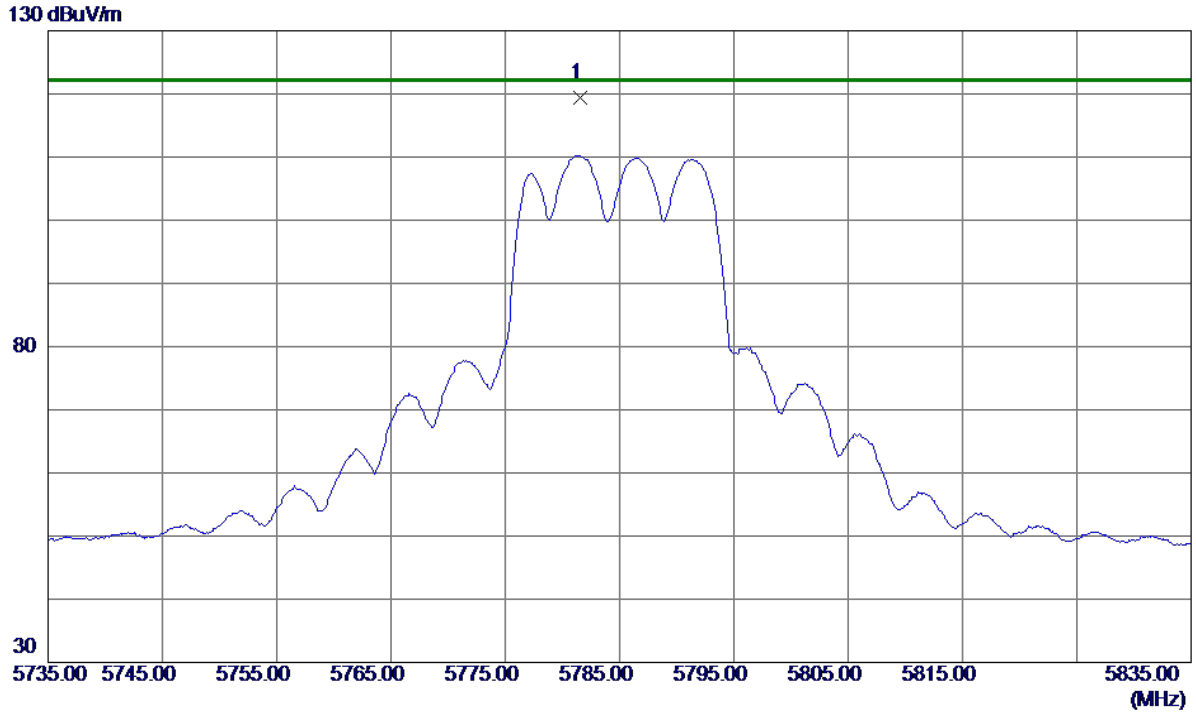
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.70	11.40	68.10	68.30	-0.20	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5785MHz

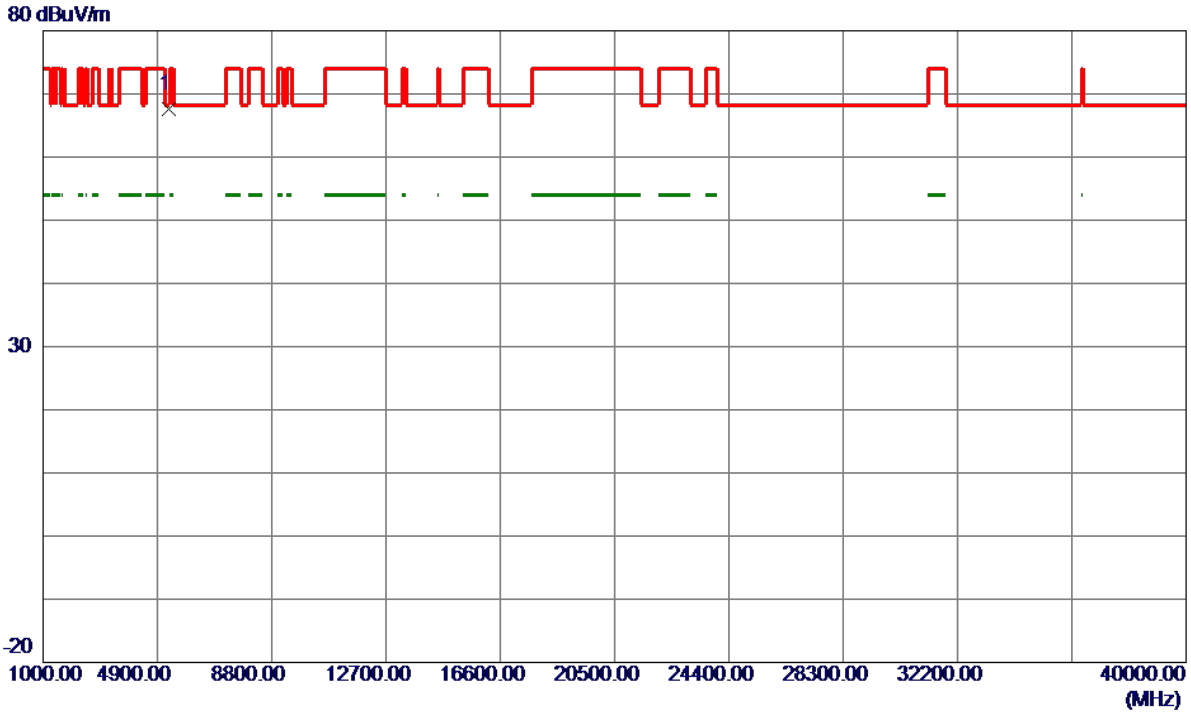
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5781.6000	95.91	23.42	119.33	122.20	-2.87	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5785MHz

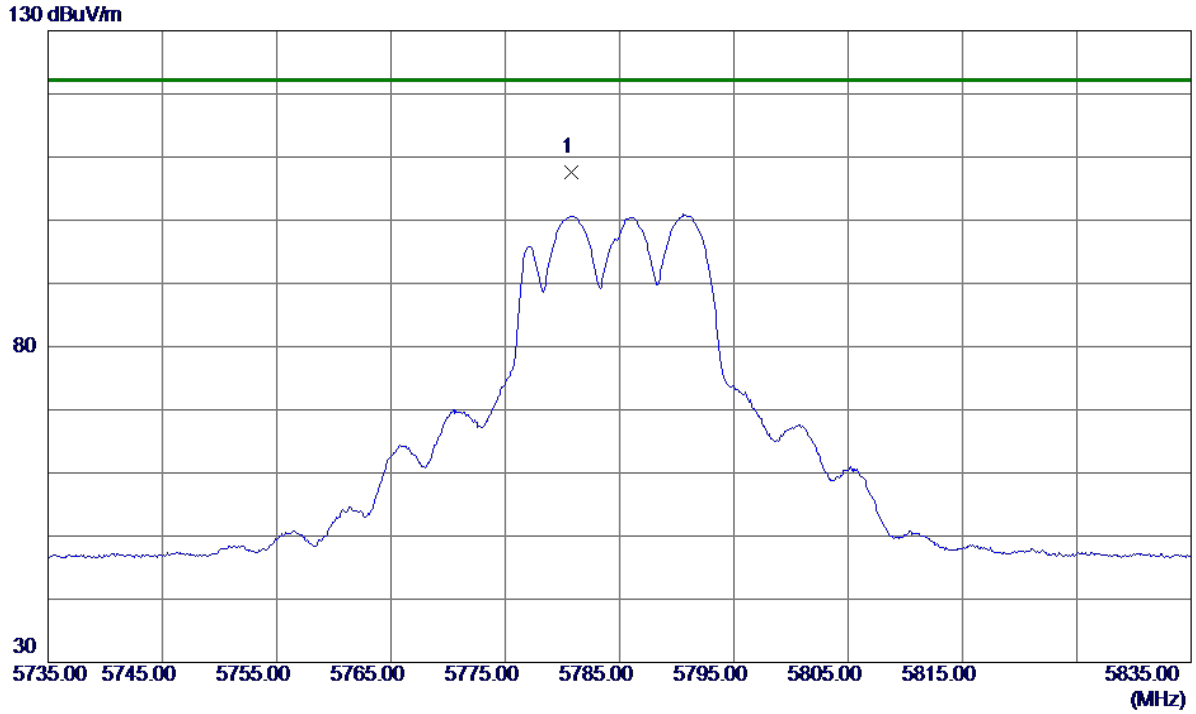
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.18	11.40	67.58	68.30	-0.72	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5785MHz

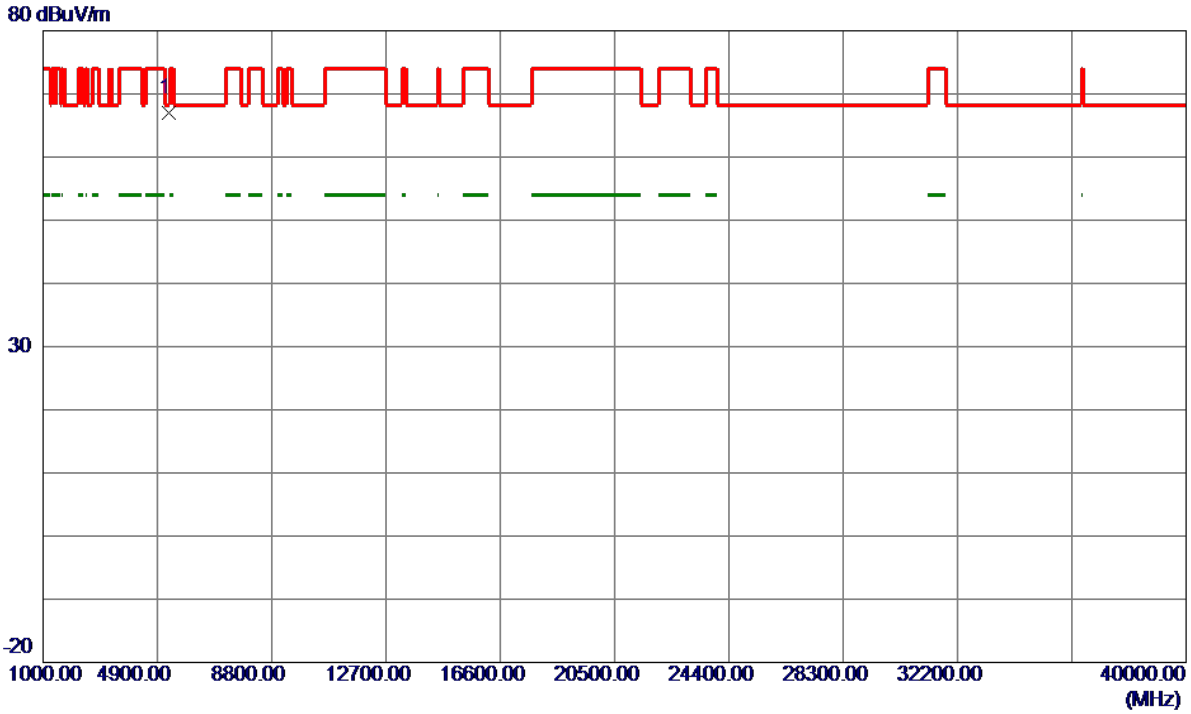
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5780.8000	84.21	23.42	107.63	122.20	-14.57	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5785MHz

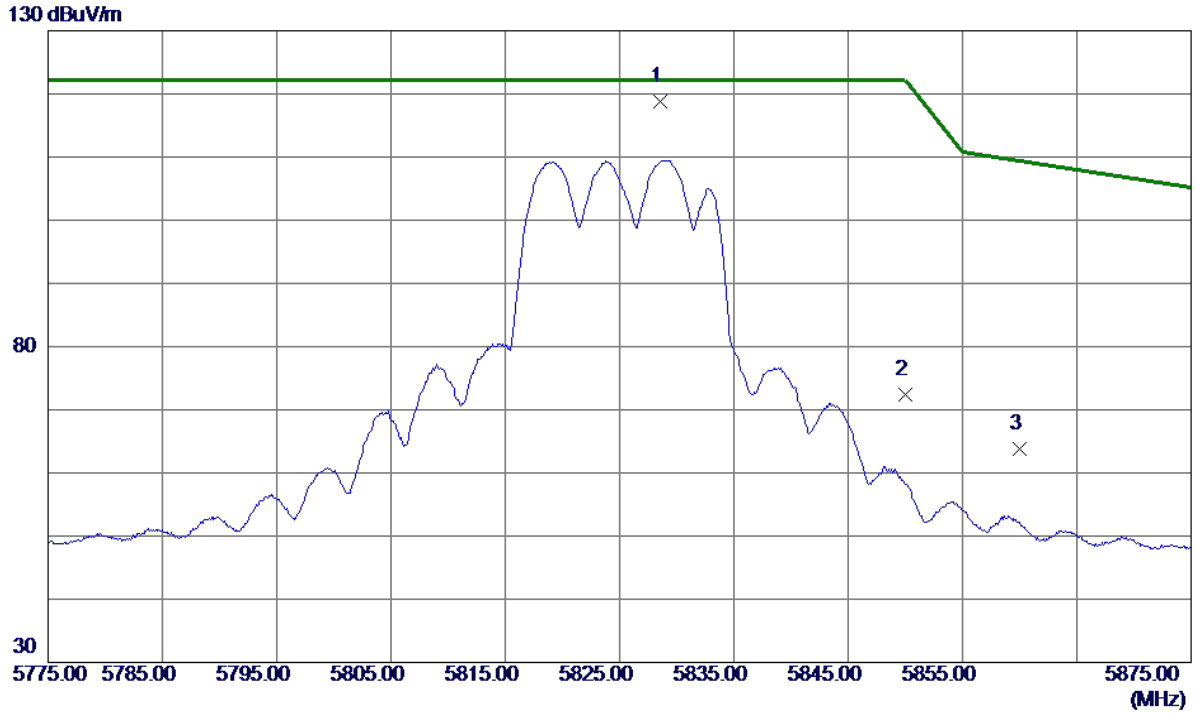
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	55.63	11.40	67.03	68.30	-1.27	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5825MHz

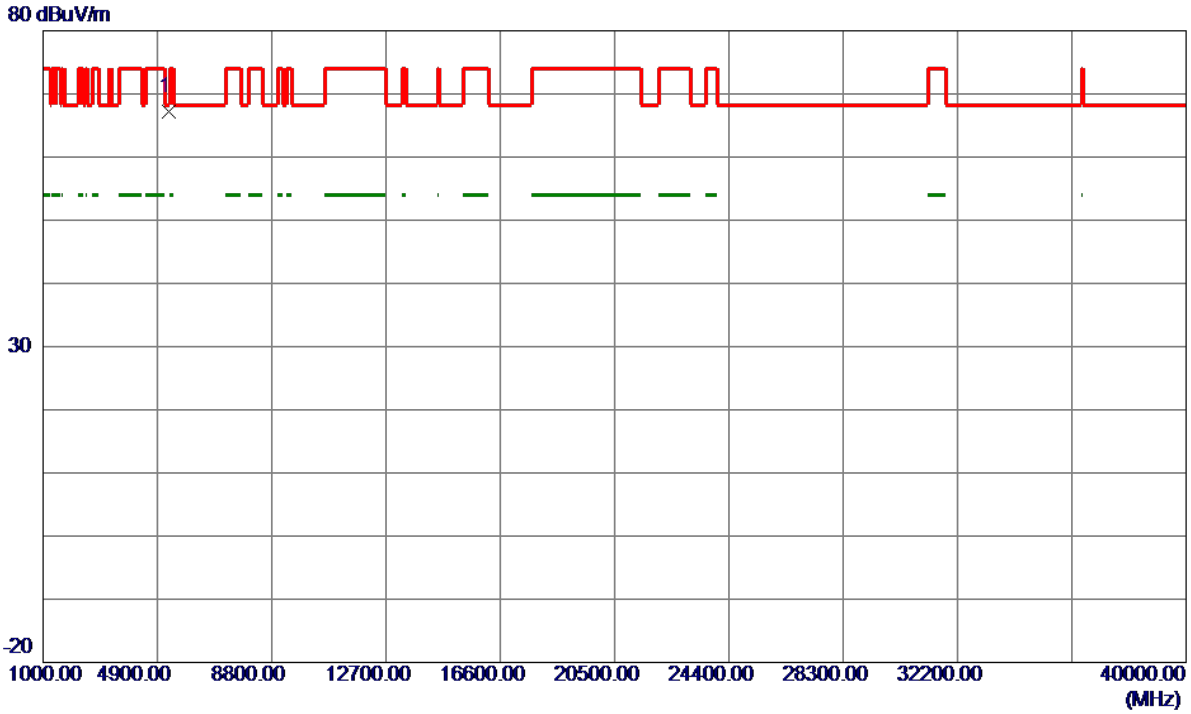
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5828.6000	95.15	23.61	118.76	122.20	-3.44	Peak	No Limit
2	5850.0000	48.76	23.69	72.45	122.20	-49.75	Peak	
3	5860.0000	40.10	23.73	63.83	109.40	-45.57	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5825MHz

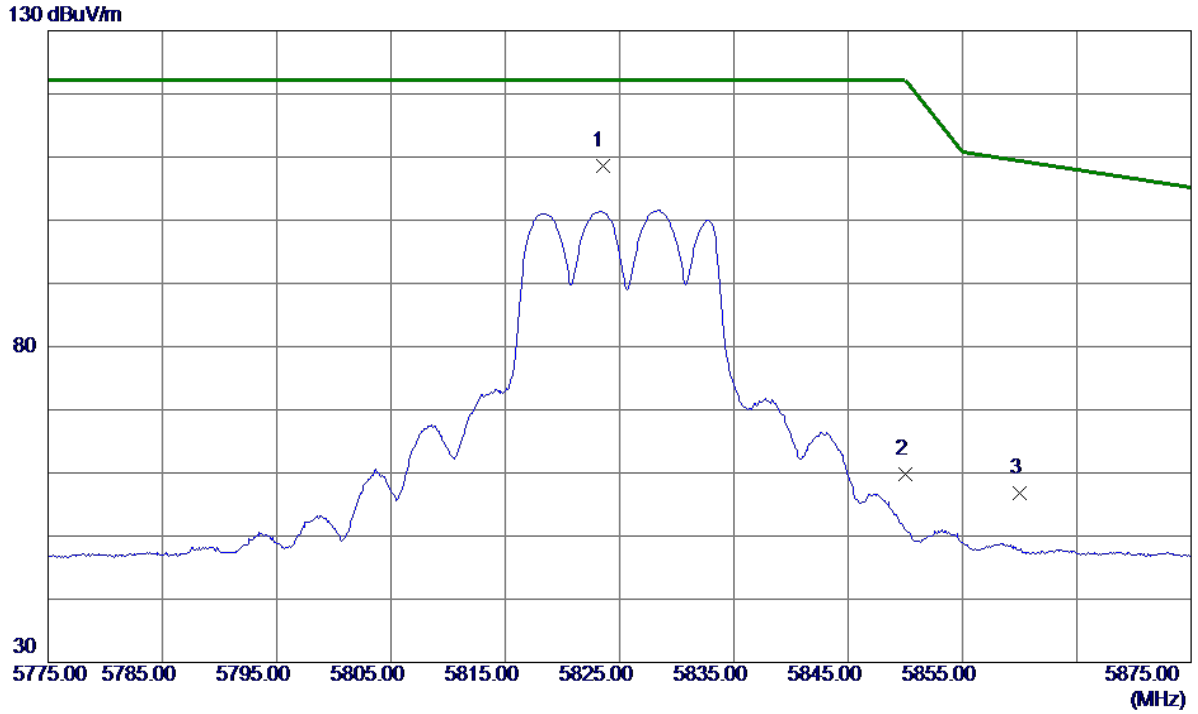
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5279.0000	55.88	11.40	67.28	68.30	-1.02	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5825MHz

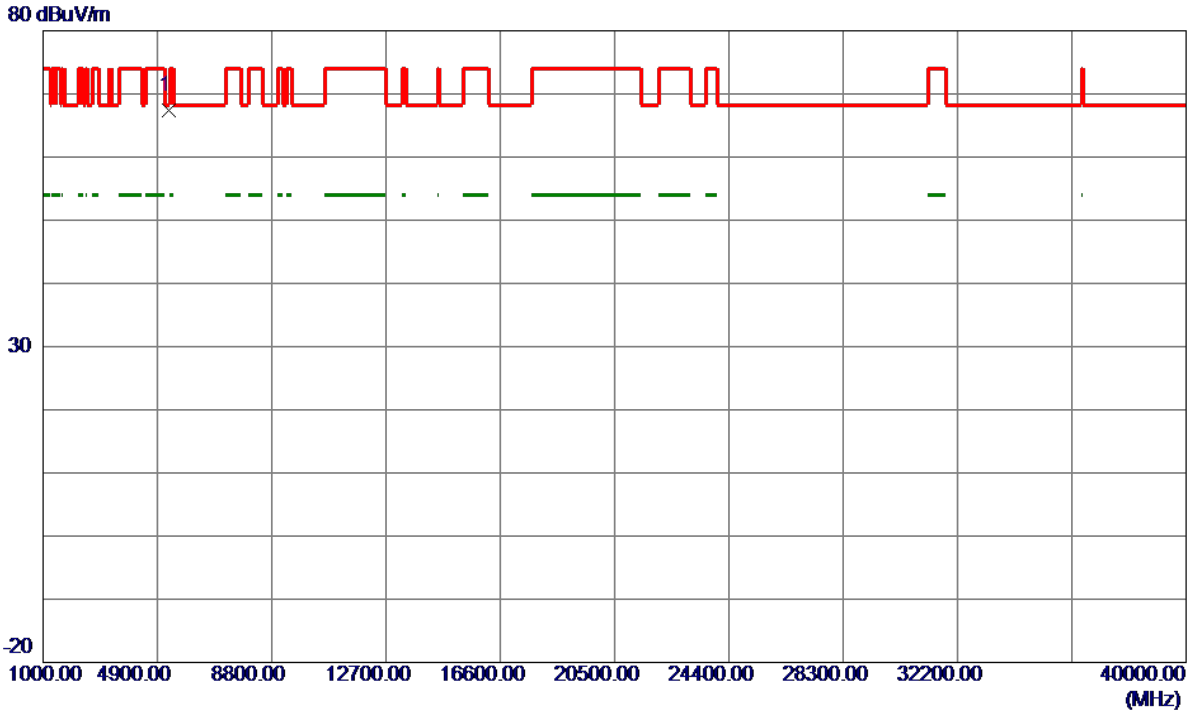
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5823.5000	85.01	23.59	108.60	122.20	-13.60	Peak	No Limit
2	5850.0000	36.11	23.69	59.80	122.20	-62.40	Peak	
3	5860.0000	33.10	23.73	56.83	109.40	-52.57	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A20 Mode 5825MHz

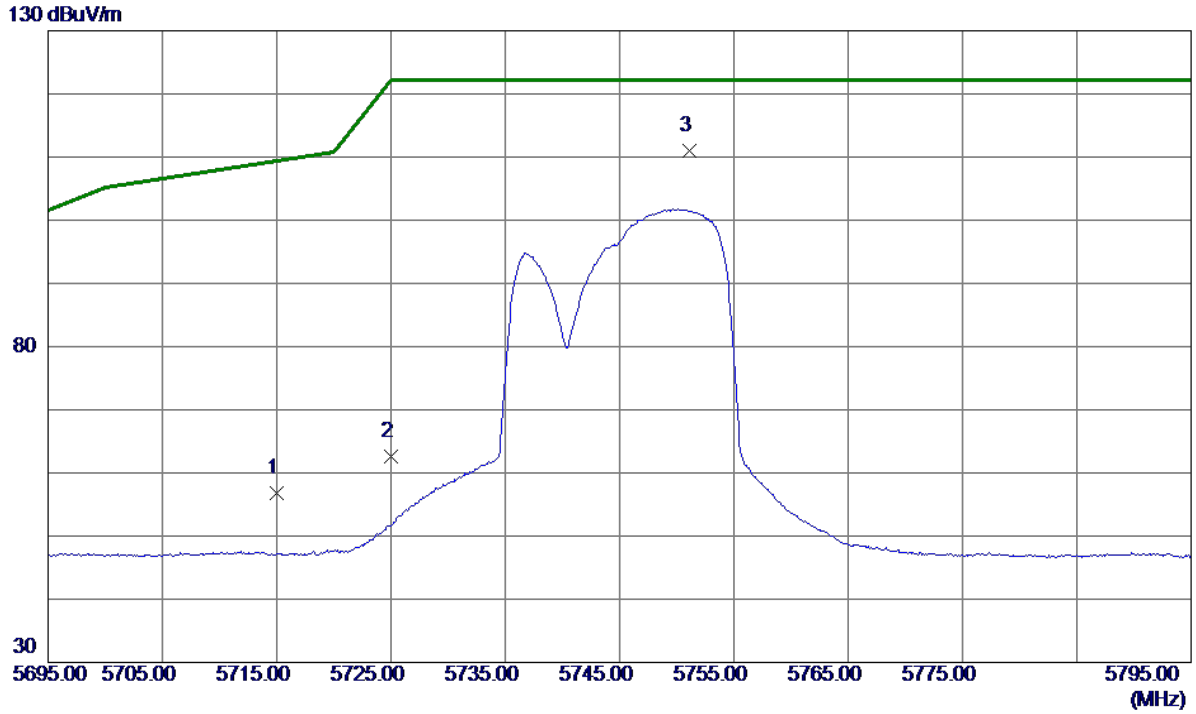
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.06	11.40	67.46	68.30	-0.84	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

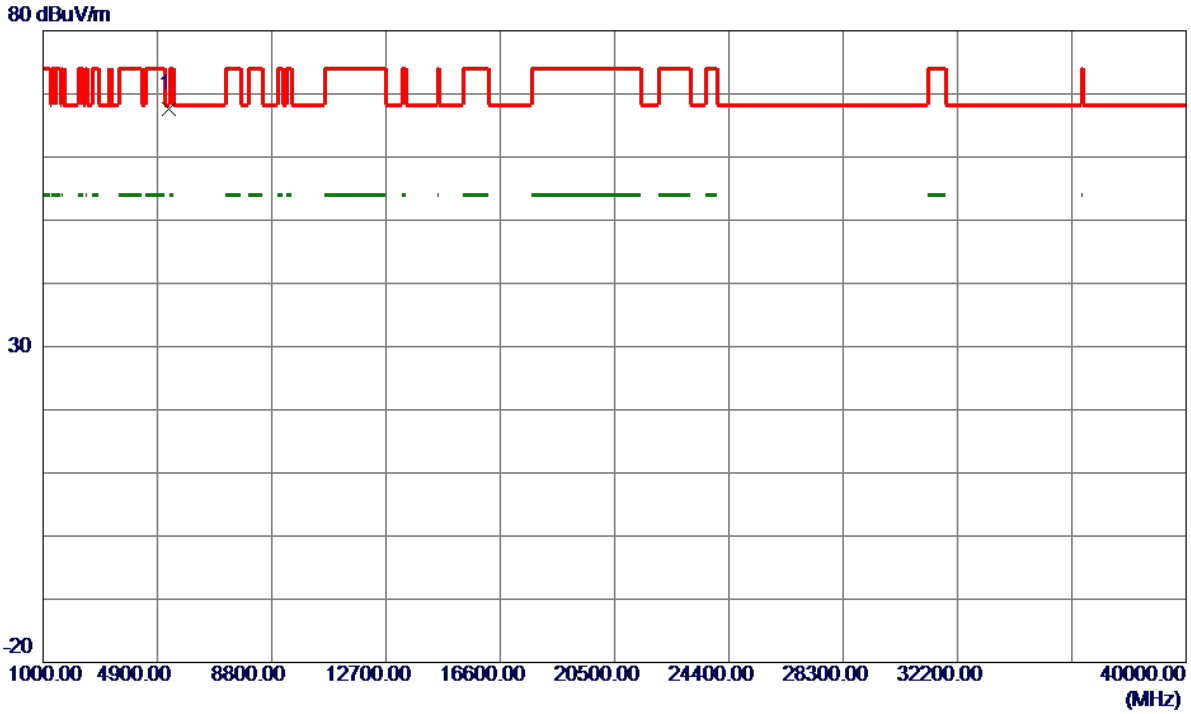
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	33.58	23.16	56.74	109.40	-52.66	Peak	
2	5725.0000	39.32	23.20	62.52	122.20	-59.68	Peak	
3 *	5751.1000	87.69	23.30	110.99	122.20	-11.21	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

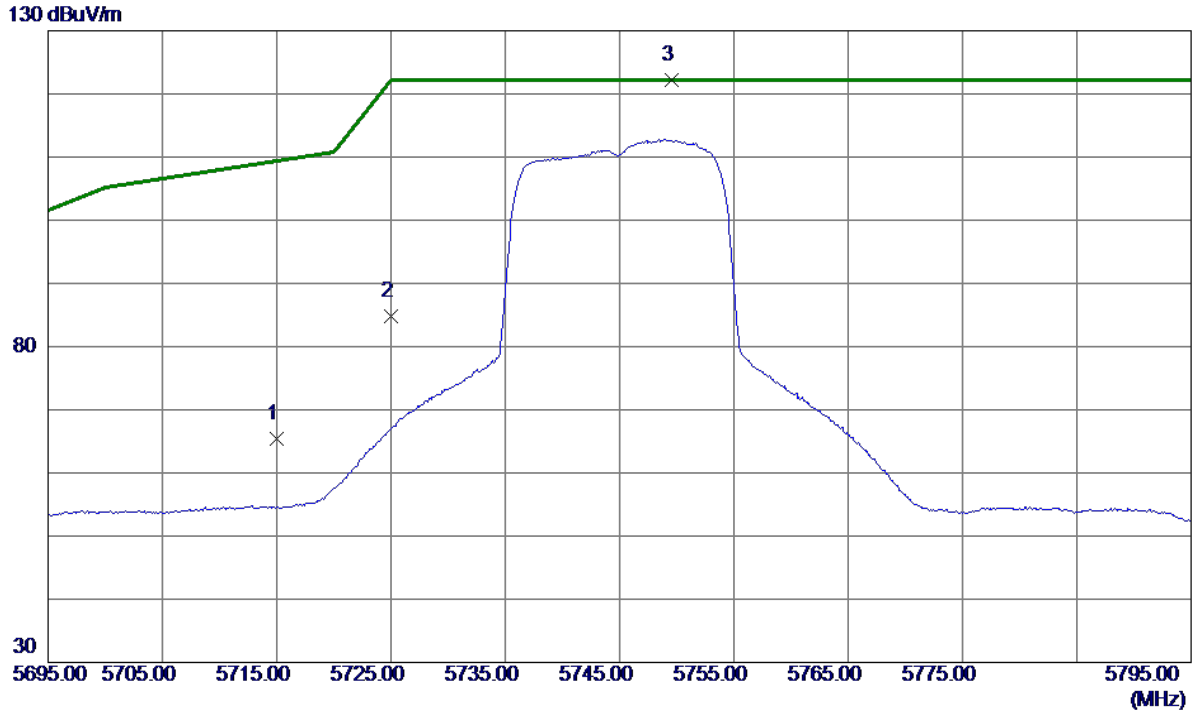
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.19	11.40	67.59	68.30	-0.71	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

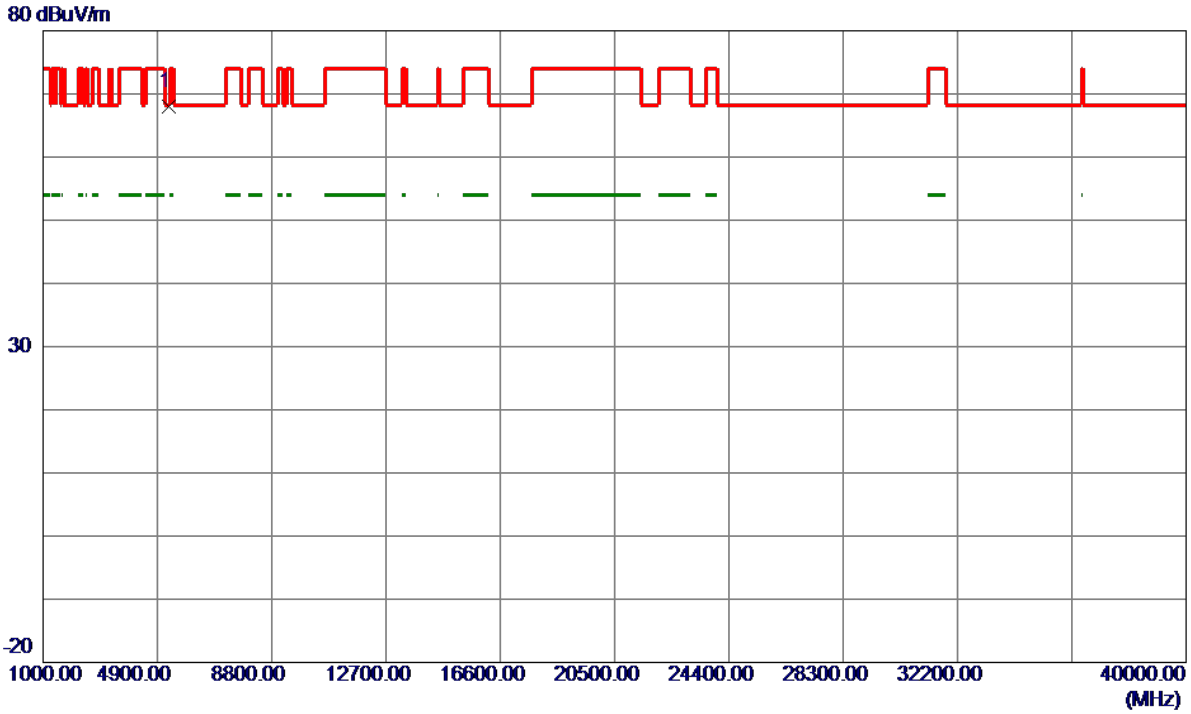
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	42.23	23.16	65.39	109.40	-44.01	Peak	
2	5725.0000	61.64	23.20	84.84	122.20	-37.36	Peak	
3 *	5749.6000	98.88	23.29	122.17	122.20	-0.03	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

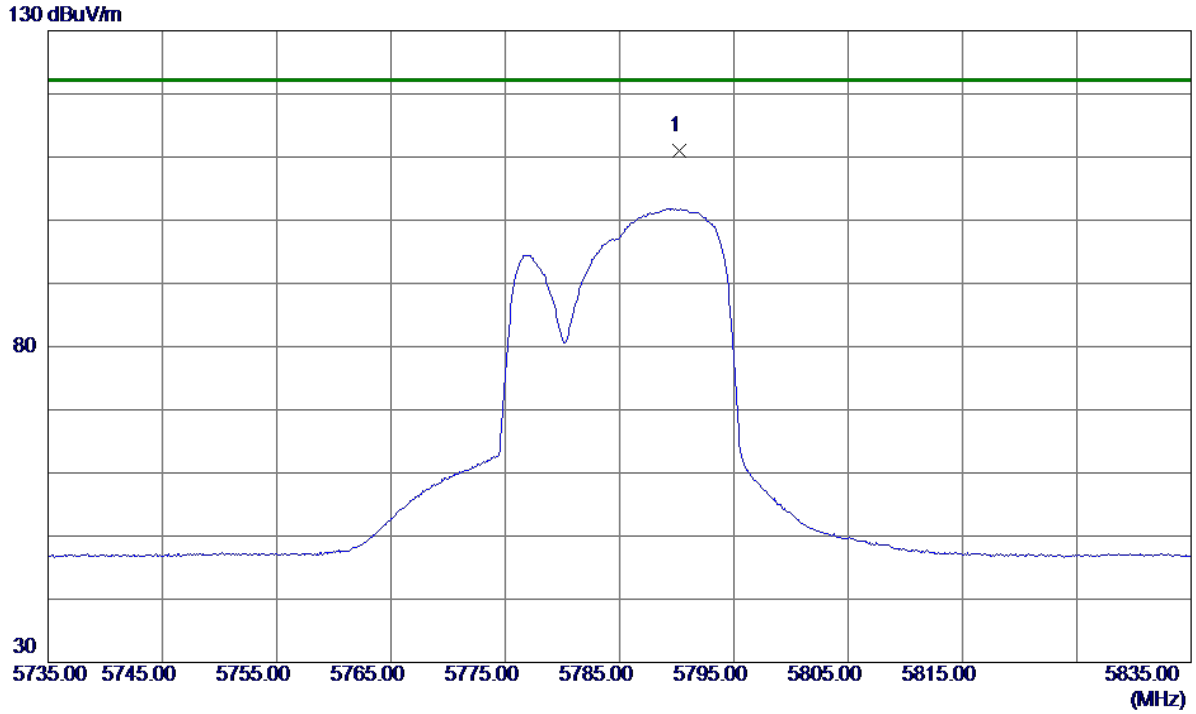
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.54	11.40	67.94	68.30	-0.36	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

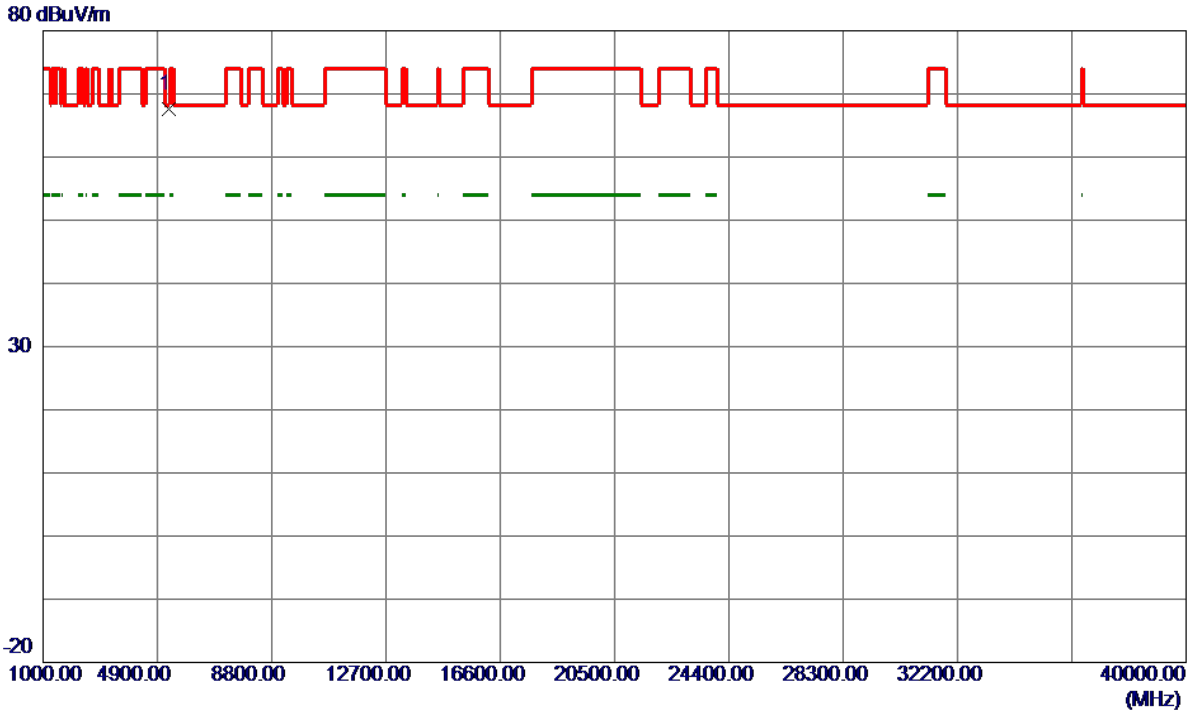
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5790.2000	87.64	23.45	111.09	122.20	-11.11	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

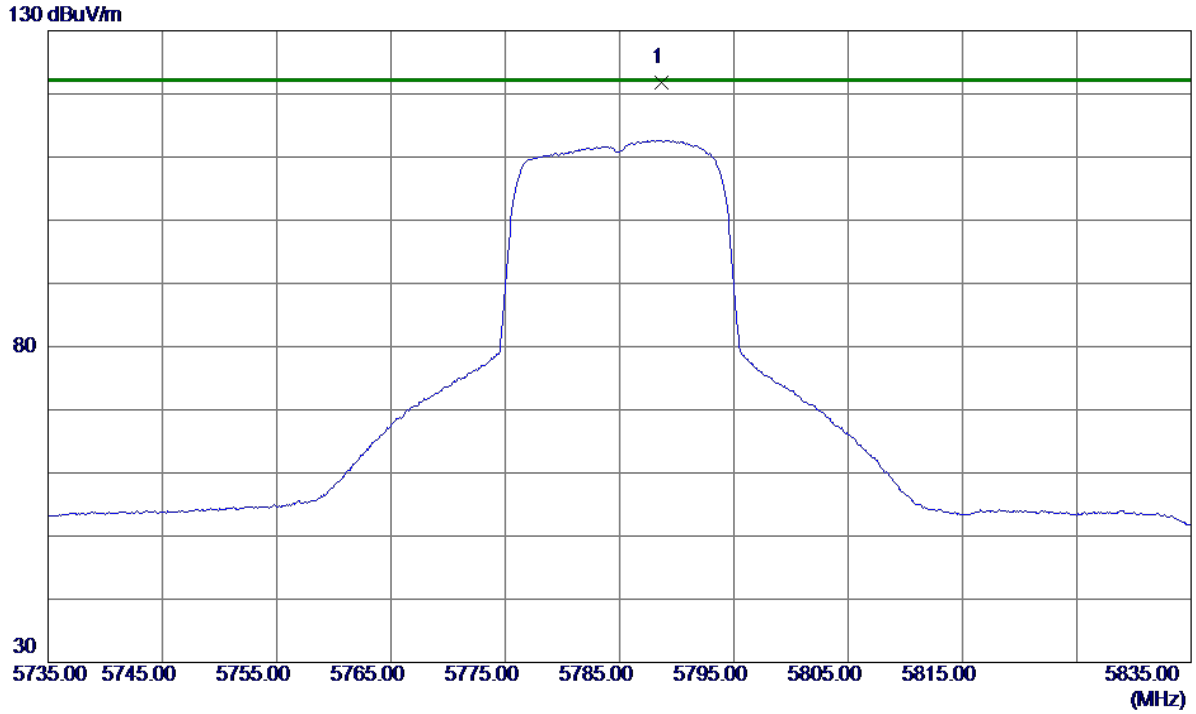
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.24	11.40	67.64	68.30	-0.66	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

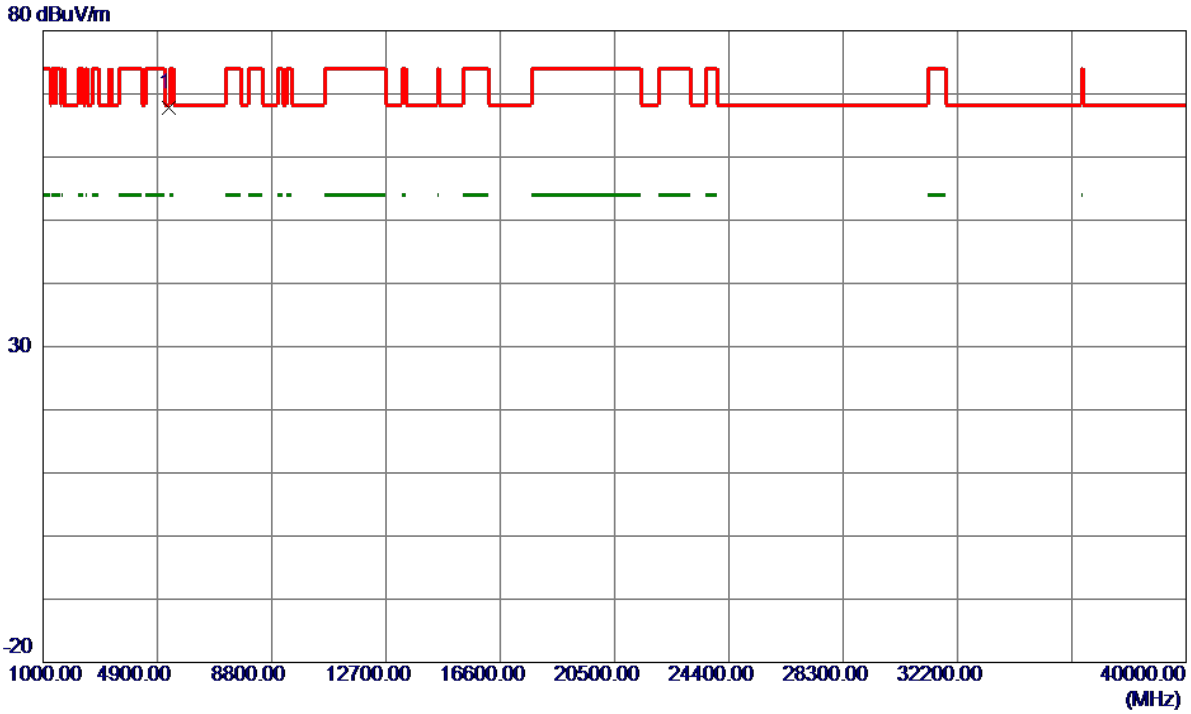
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5788.7000	98.41	23.45	121.86	122.20	-0.34	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

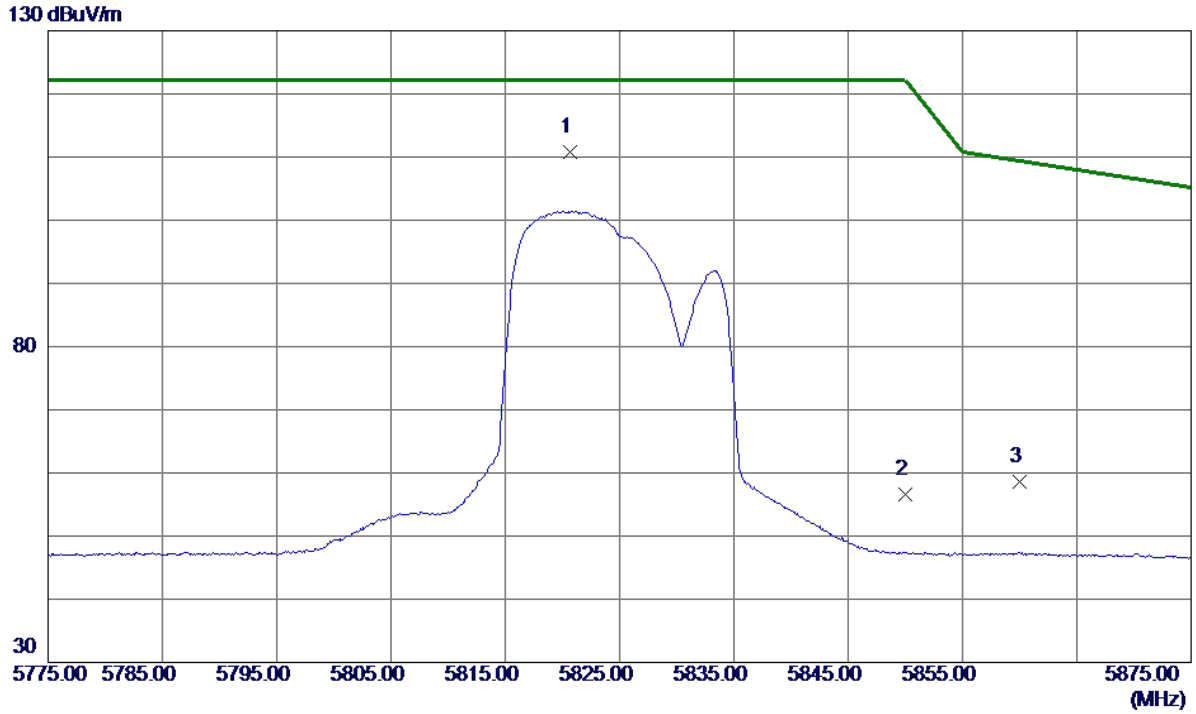
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.43	11.40	67.83	68.30	-0.47	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

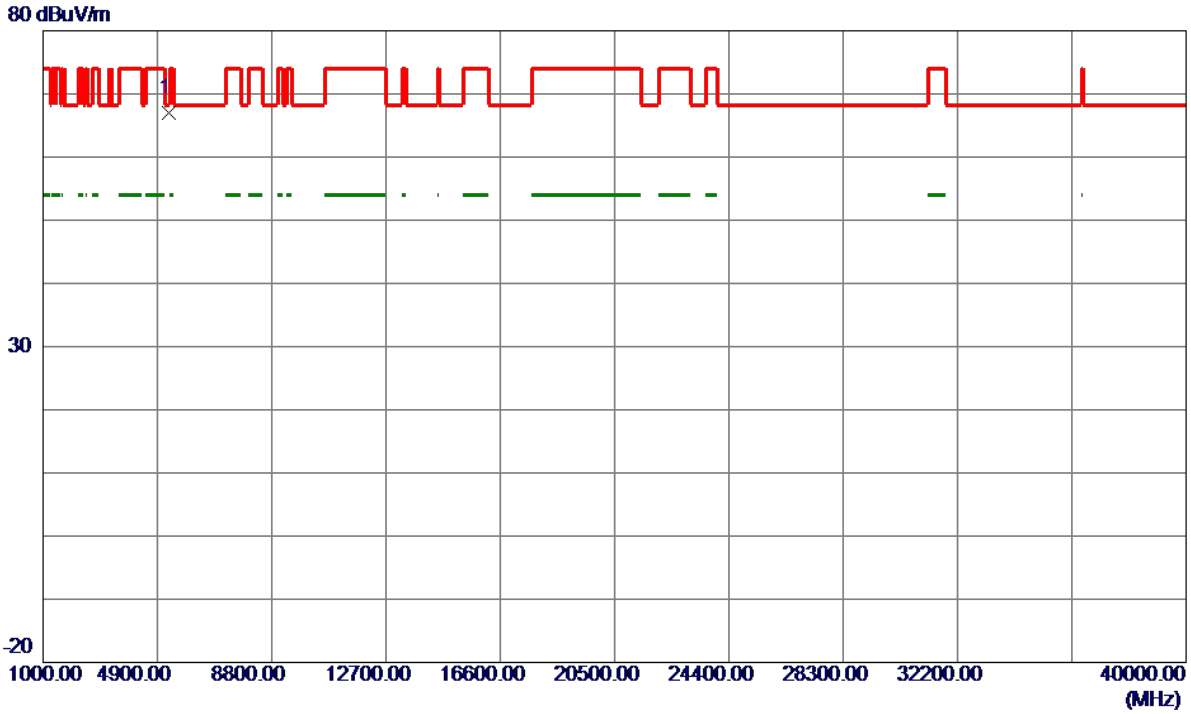
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5820.7000	87.19	23.58	110.77	122.20	-11.43	Peak	No Limit
2	5850.0000	32.92	23.69	56.61	122.20	-65.59	Peak	
3	5860.0000	34.81	23.73	58.54	109.40	-50.86	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

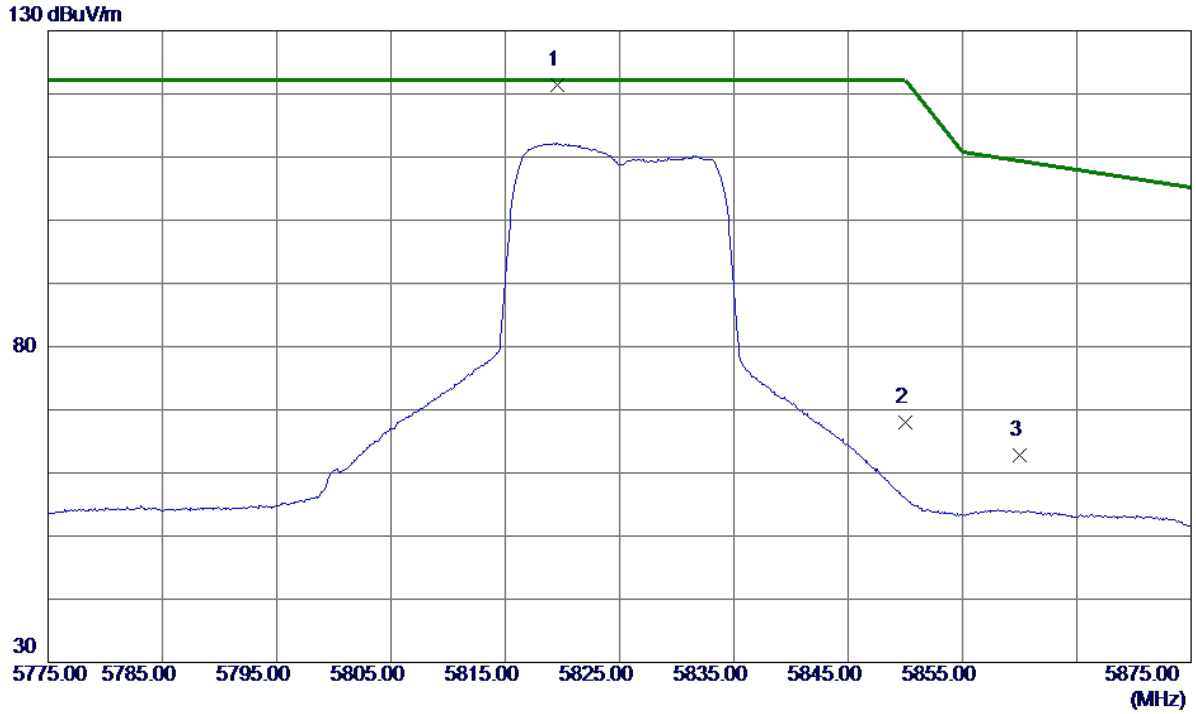
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	55.70	11.40	67.10	68.30	-1.20	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

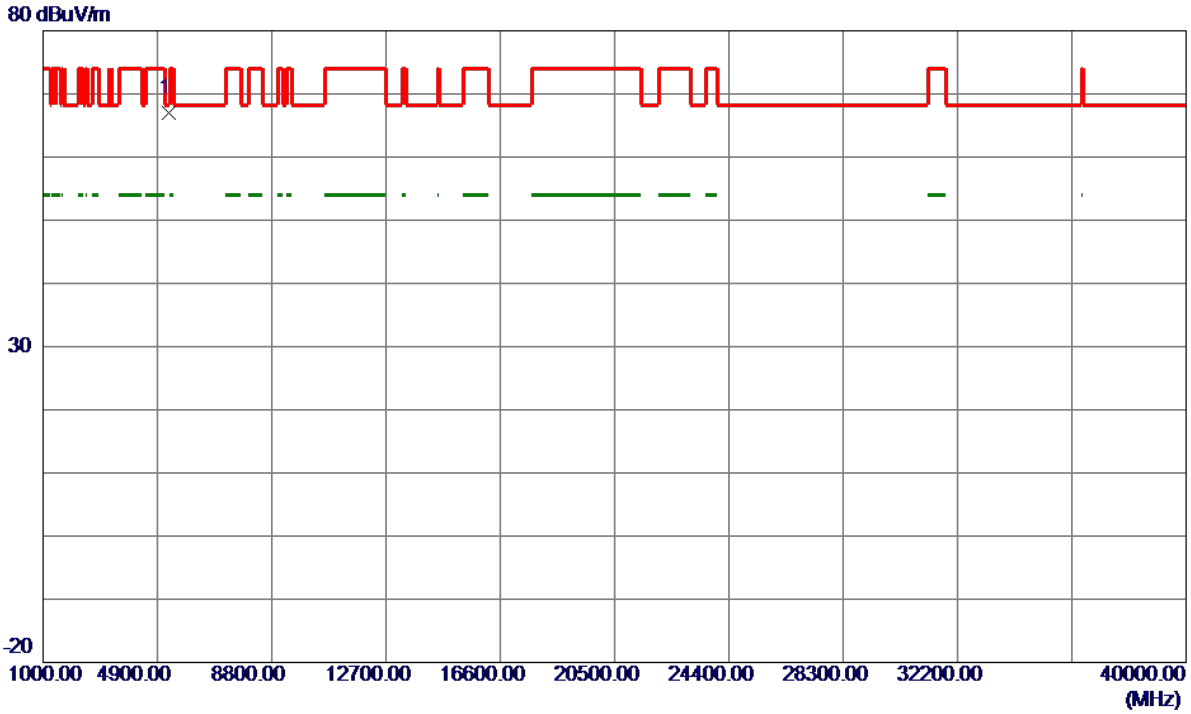
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5819.6000	97.90	23.57	121.47	122.20	-0.73	Peak	No Limit
2	5850.0000	44.35	23.69	68.04	122.20	-54.16	Peak	
3	5860.0000	39.13	23.73	62.86	109.40	-46.54	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

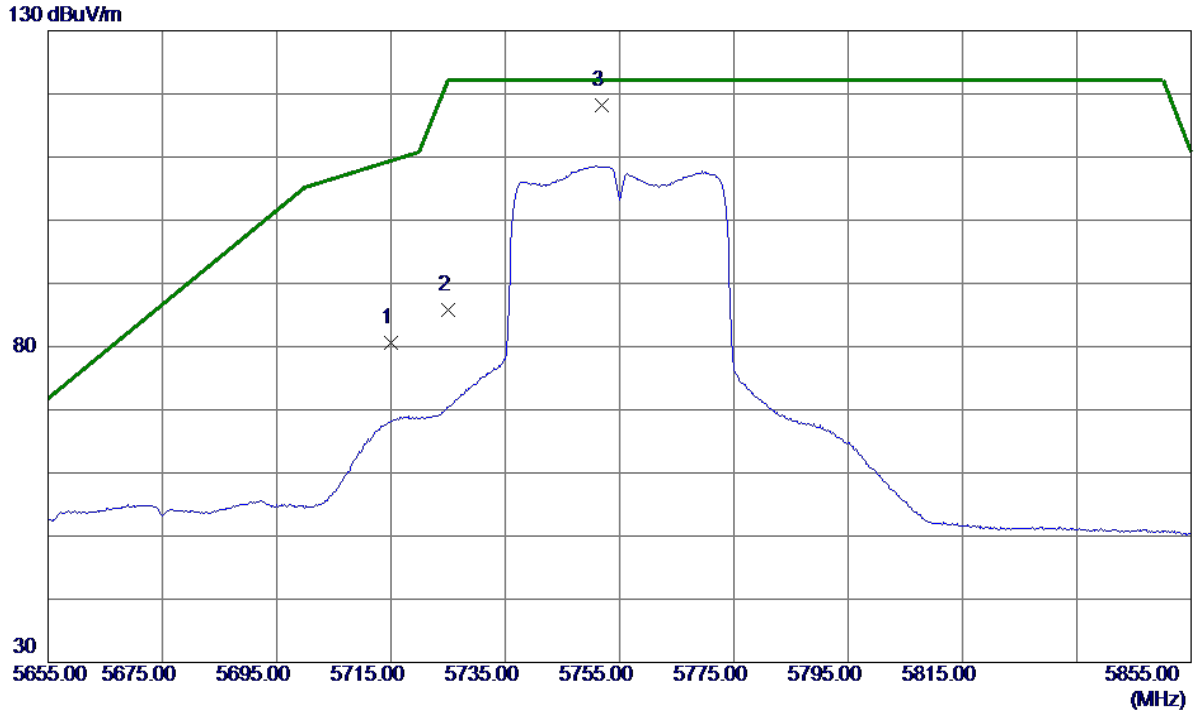
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	55.58	11.40	66.98	68.30	-1.32	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

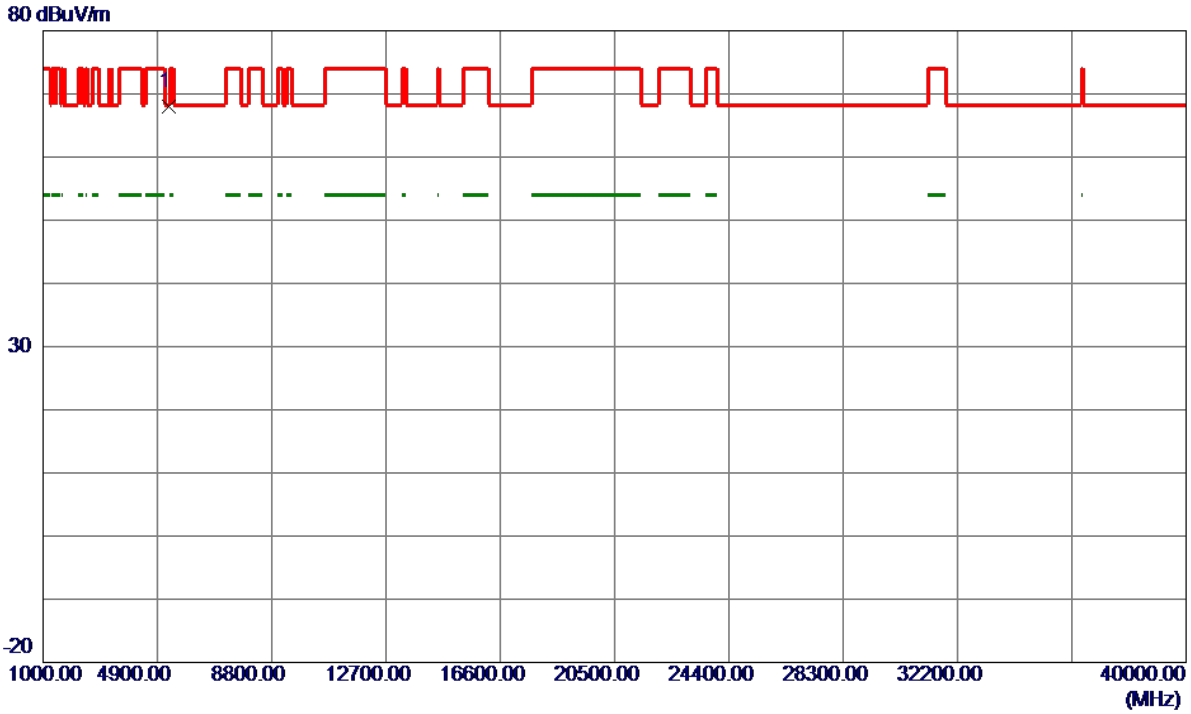
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	57.49	23.16	80.65	109.40	-28.75	Peak	
2	5725.0000	62.56	23.20	85.76	122.20	-36.44	Peak	
3 *	5751.8000	94.97	23.30	118.27	122.20	-3.93	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

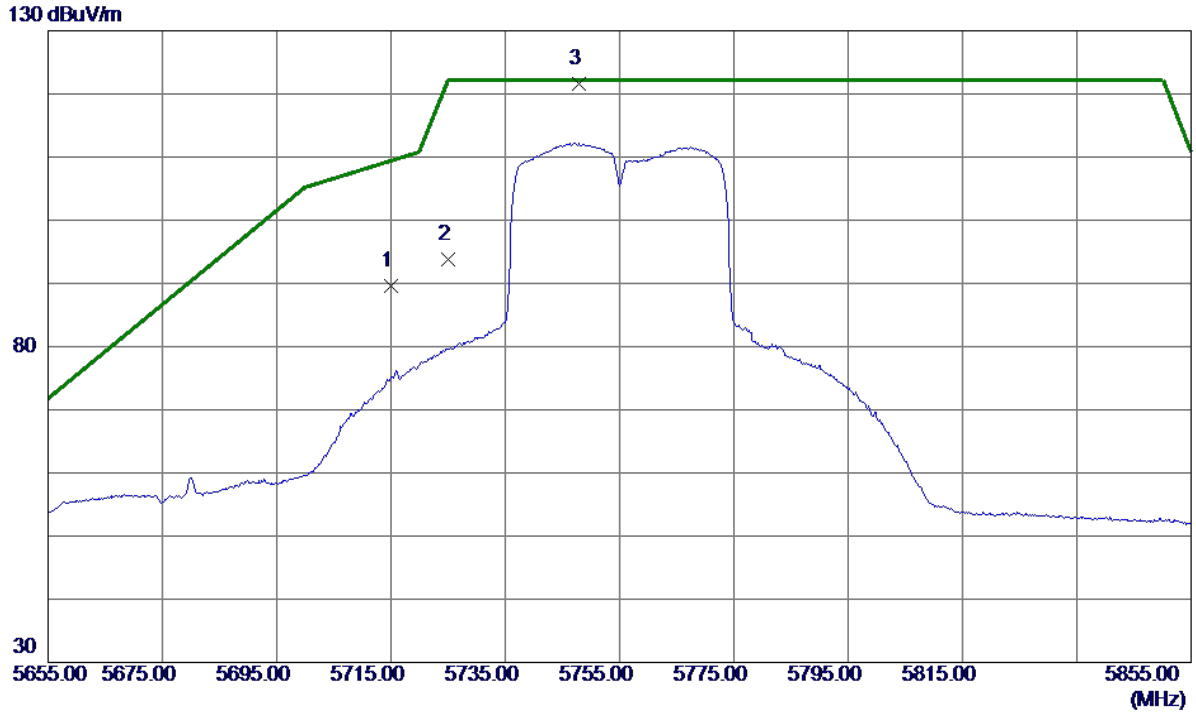
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.63	11.40	68.03	68.30	-0.27	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

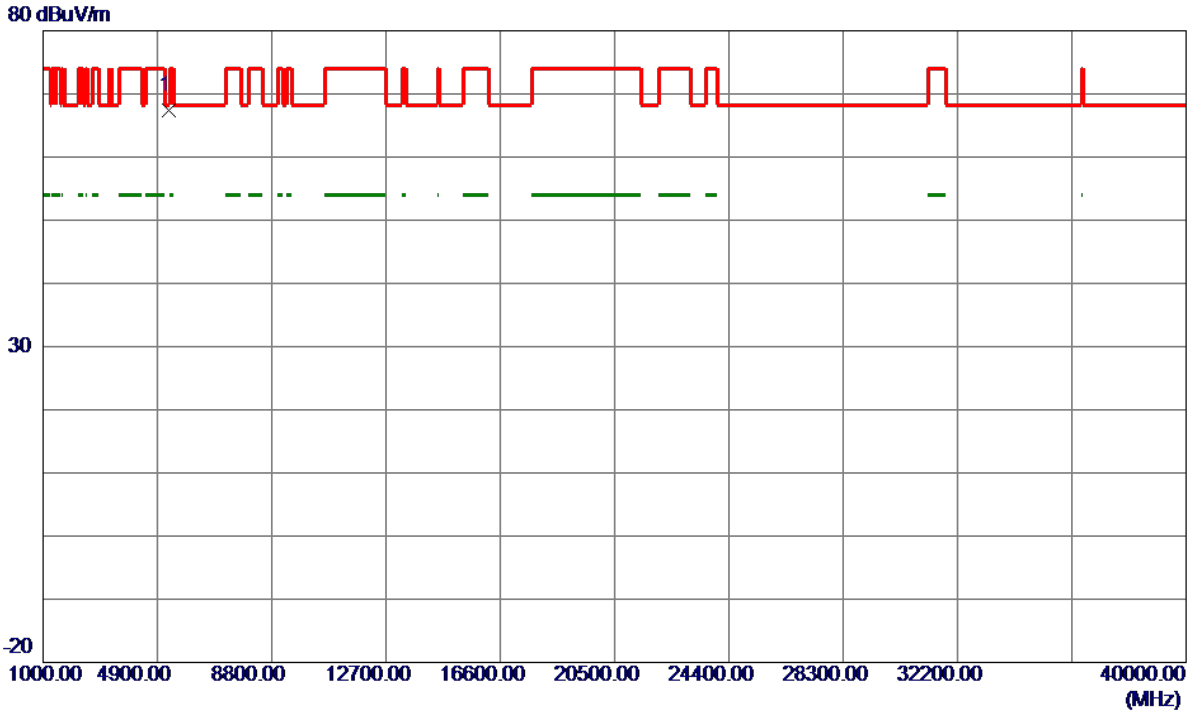
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	66.46	23.16	89.62	109.40	-19.78	Peak	
2	5725.0000	70.53	23.20	93.73	122.20	-28.47	Peak	
3 *	5747.8000	98.30	23.29	121.59	122.20	-0.61	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

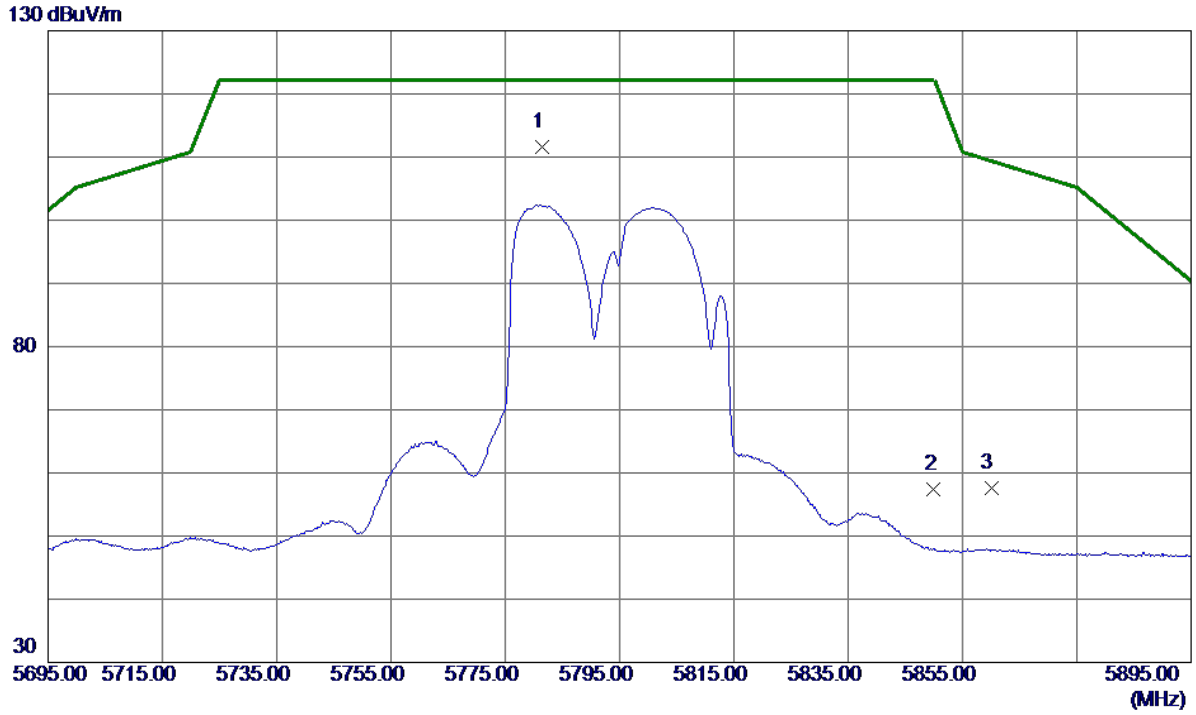
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	55.95	11.40	67.35	68.30	-0.95	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

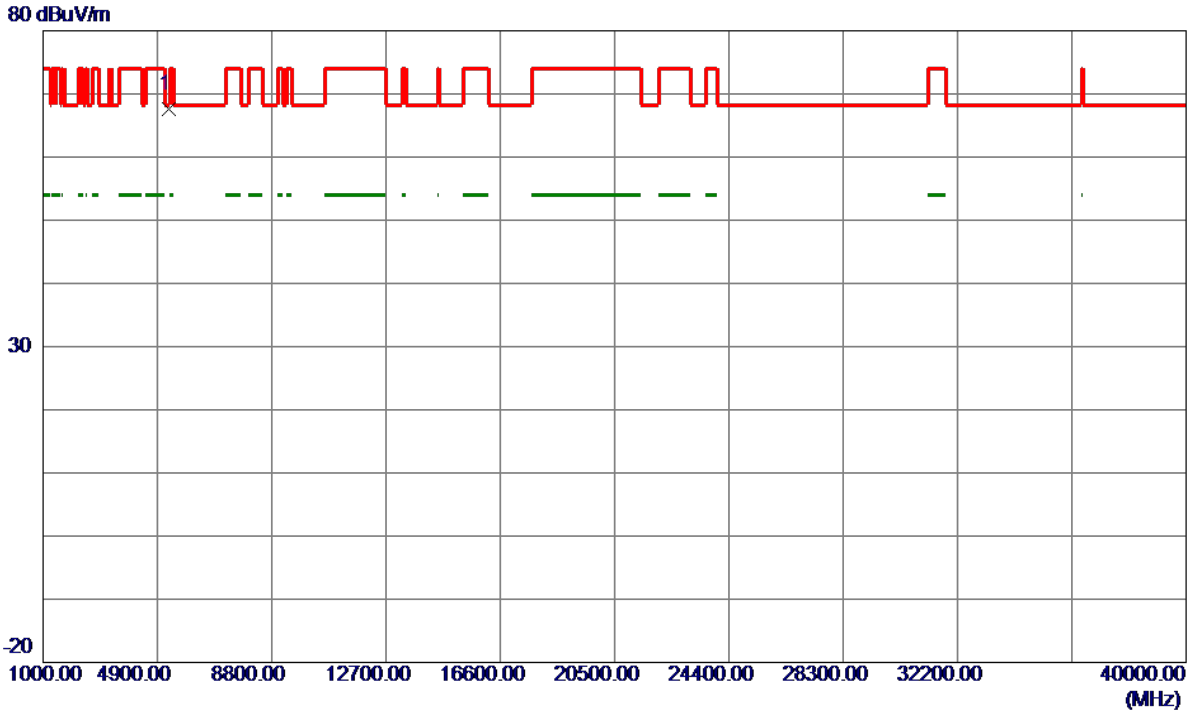
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5781.4000	88.16	23.42	111.58	122.20	-10.62	Peak	No Limit
2	5850.0000	33.68	23.69	57.37	122.20	-64.83	Peak	
3	5860.0000	33.96	23.73	57.69	109.40	-51.71	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

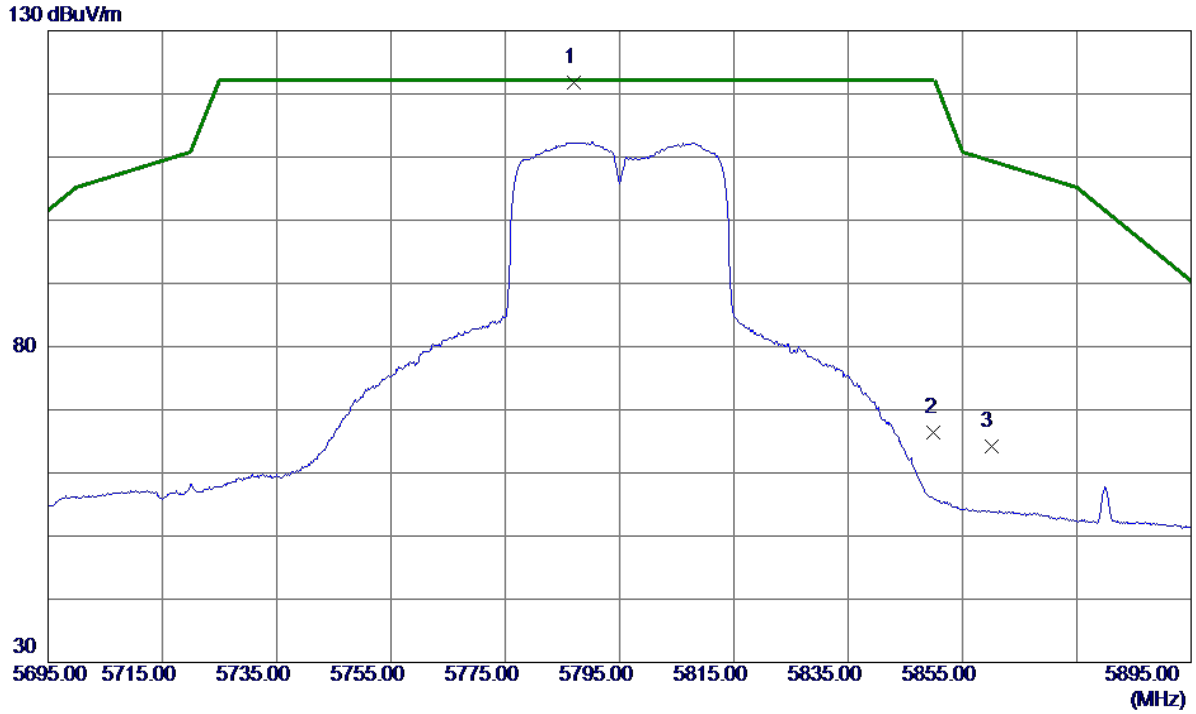
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	56.12	11.40	67.52	68.30	-0.78	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

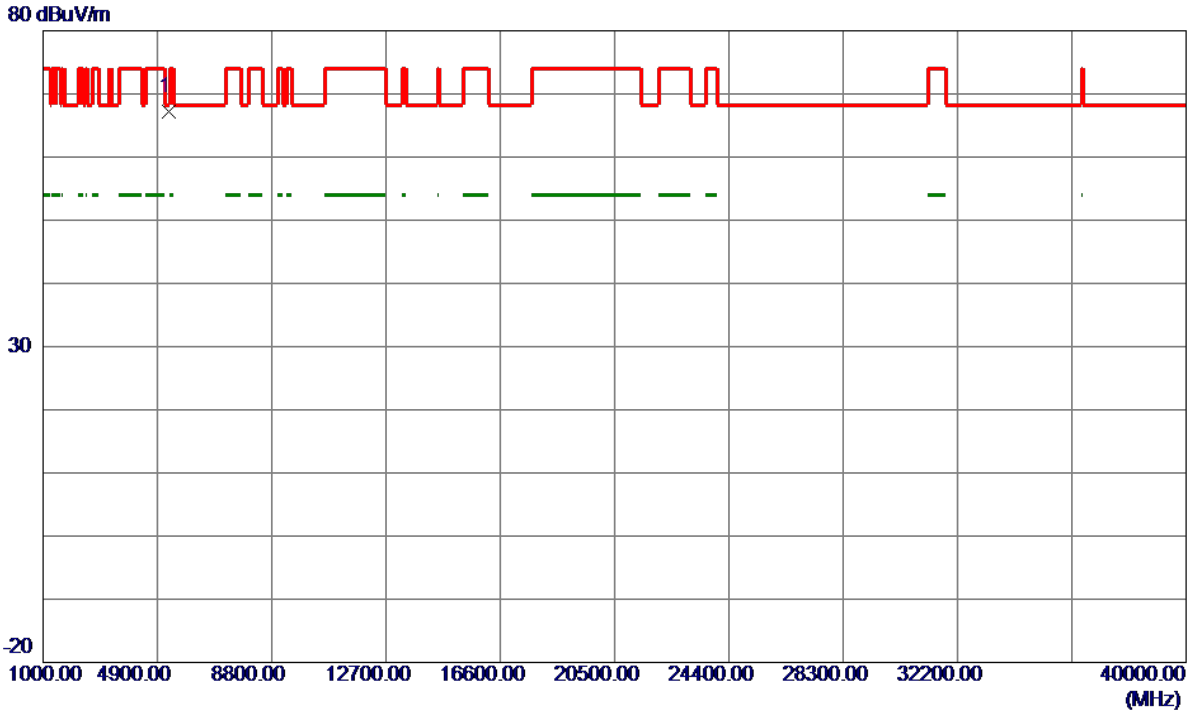
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5787.0000	98.42	23.44	121.86	122.20	-0.34	Peak	No Limit
2	5850.0000	42.69	23.69	66.38	122.20	-55.82	Peak	
3	5860.0000	40.40	23.73	64.13	109.40	-45.27	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Horizontal

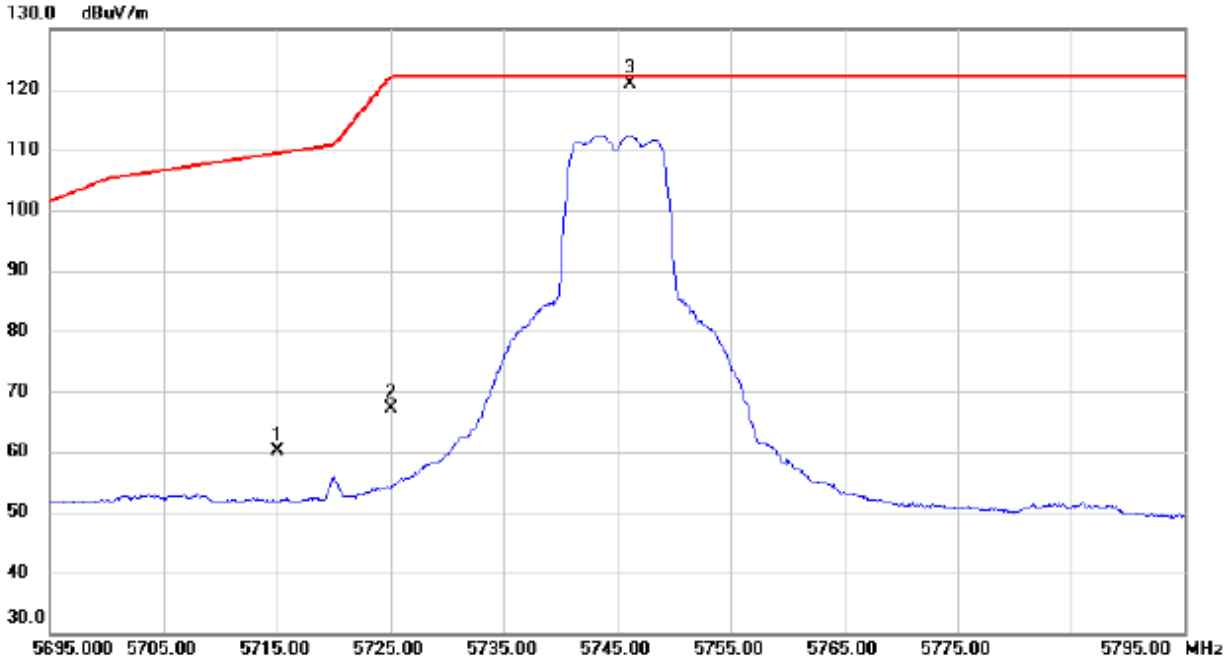


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5280.0000	55.86	11.40	67.26	68.30	-1.04	Peak	

For Group 2

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

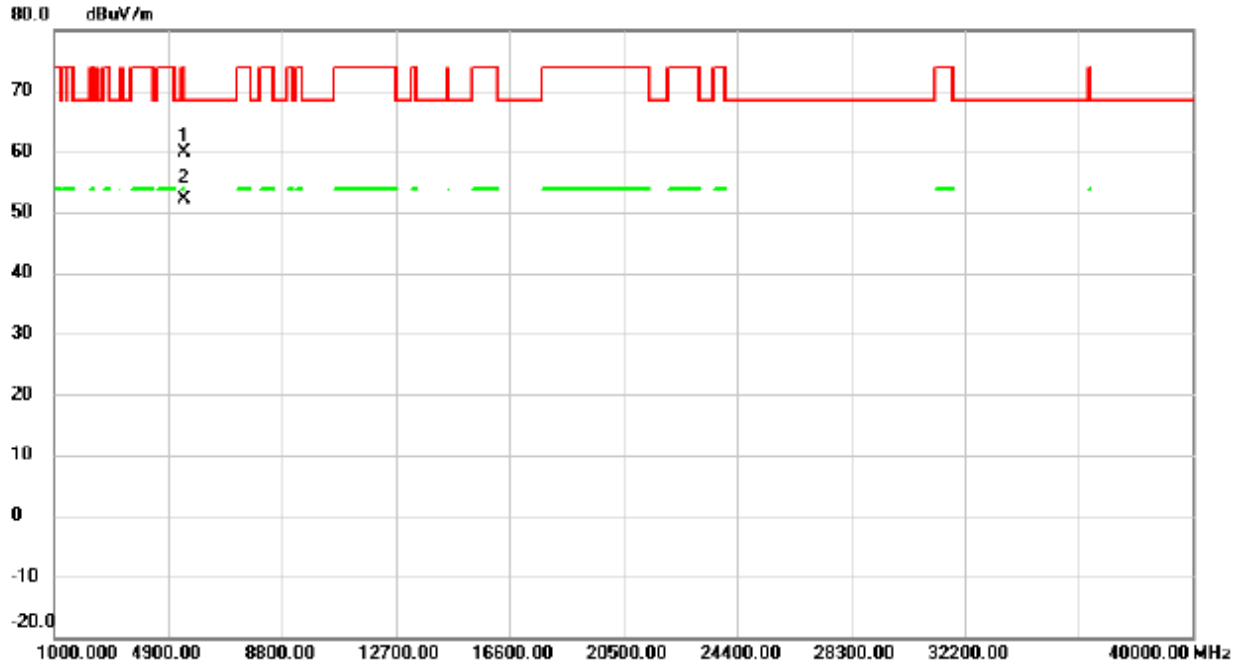
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	37.00	23.05	60.05	109.40	-49.35	peak	
2		5725.000	44.00	23.09	67.09	122.20	-55.11	peak	
3	*	5746.100	97.69	23.18	120.87	122.20	-1.33	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

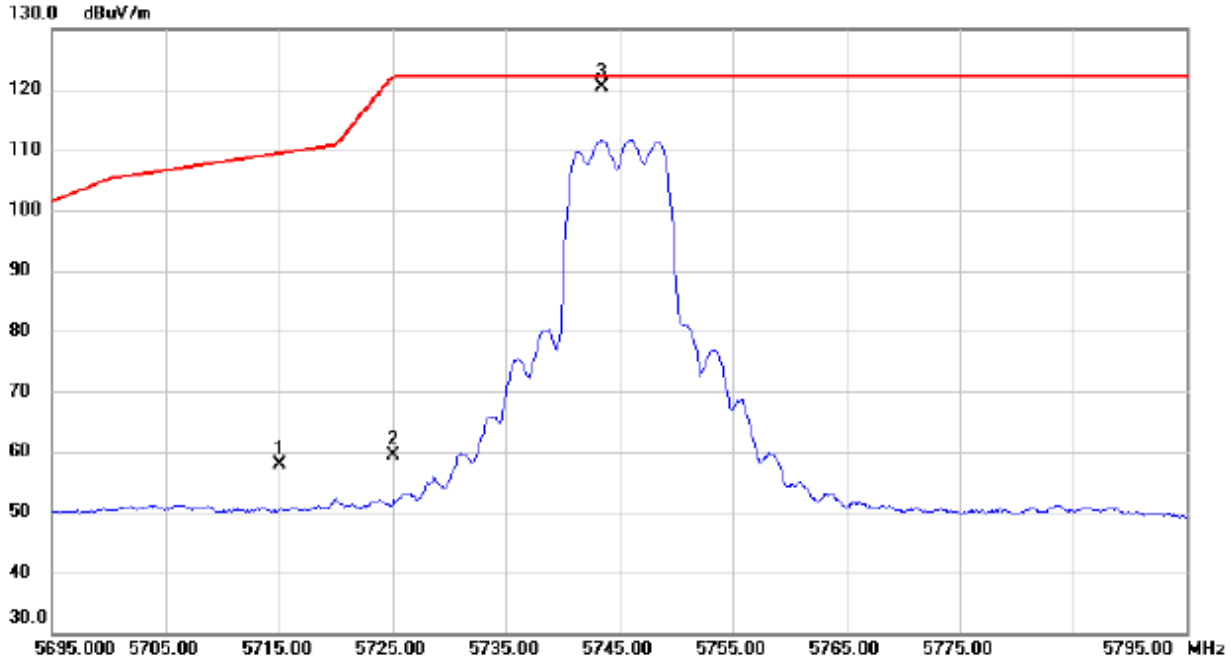
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5440.000	47.92	11.98	59.90	74.00	-14.10	peak	
2	*	5440.000	40.12	11.98	52.10	54.00	-1.90	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

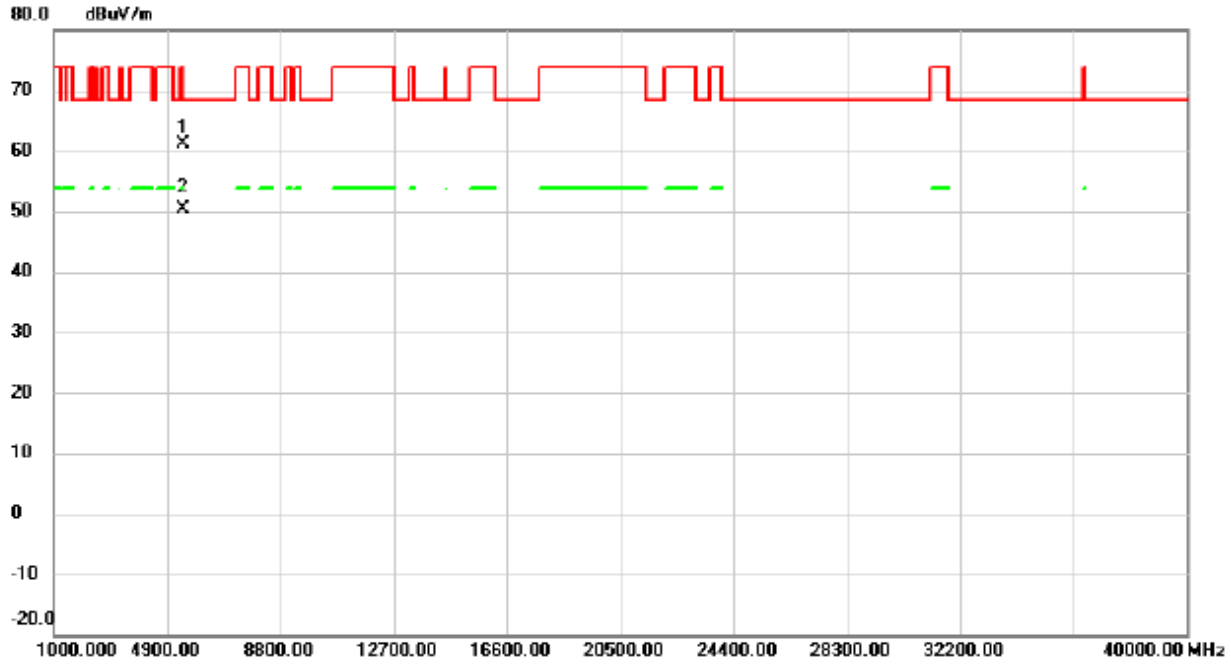
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	34.84	23.05	57.89	109.40	-51.51	peak	
2		5725.000	36.34	23.09	59.43	122.20	-62.77	peak	
3	*	5743.500	97.16	23.16	120.32	122.20	-1.88	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5745MHz

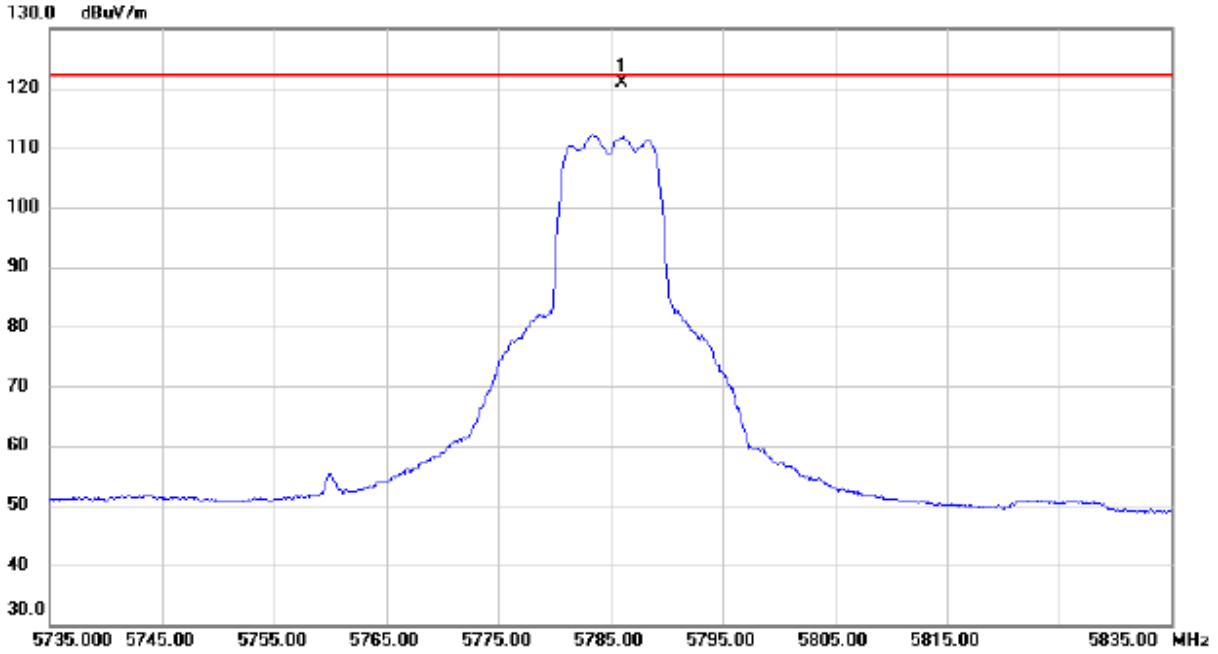
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5434.000	49.21	11.96	61.17	74.00	-12.83	peak	
2	*	5437.000	38.33	11.96	50.29	54.00	-3.71	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

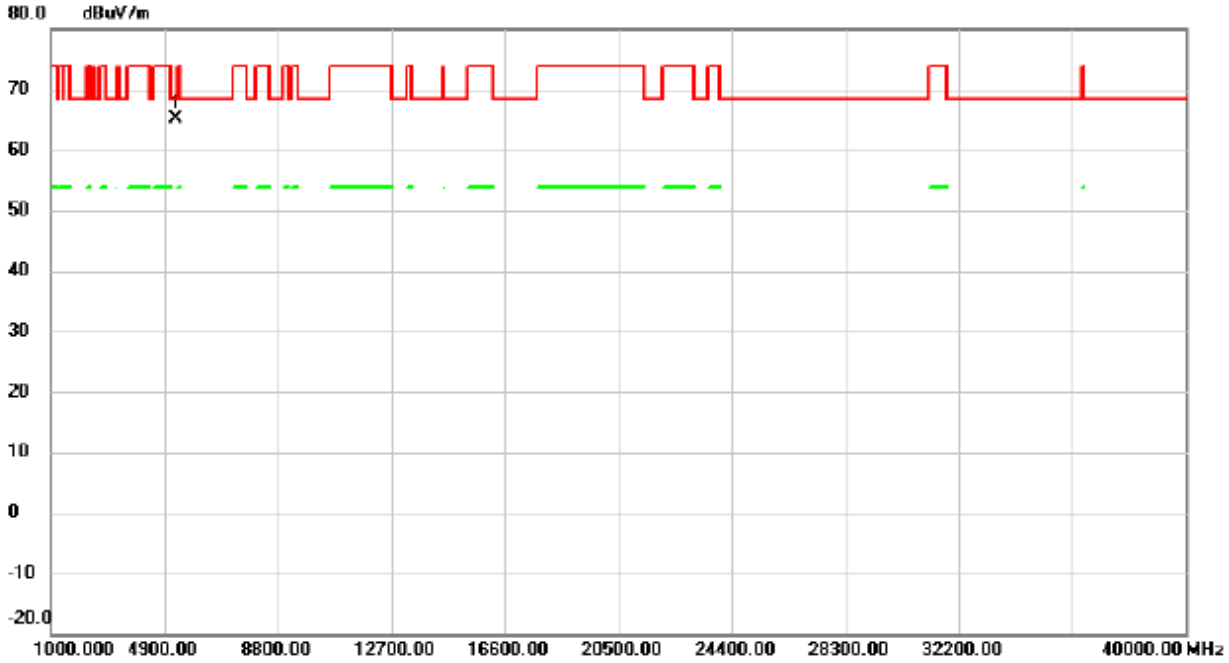
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5786.000	97.56	23.34	120.90	122.20	-1.30	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

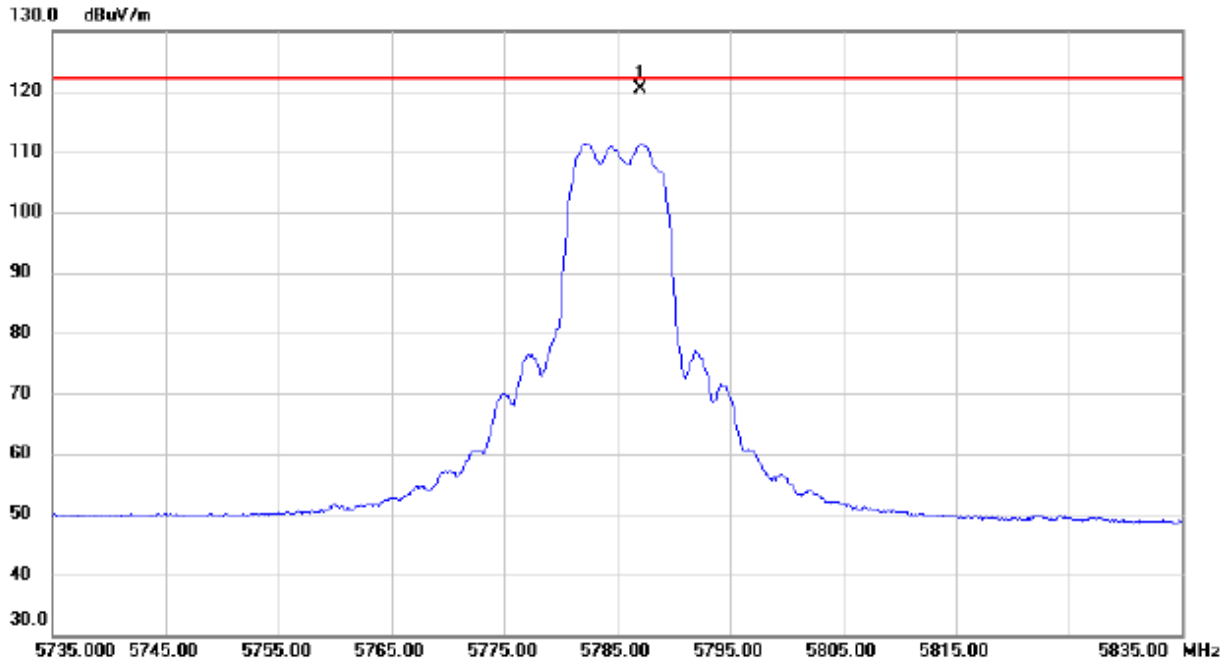
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	53.68	11.41	65.09	68.30	-3.21	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

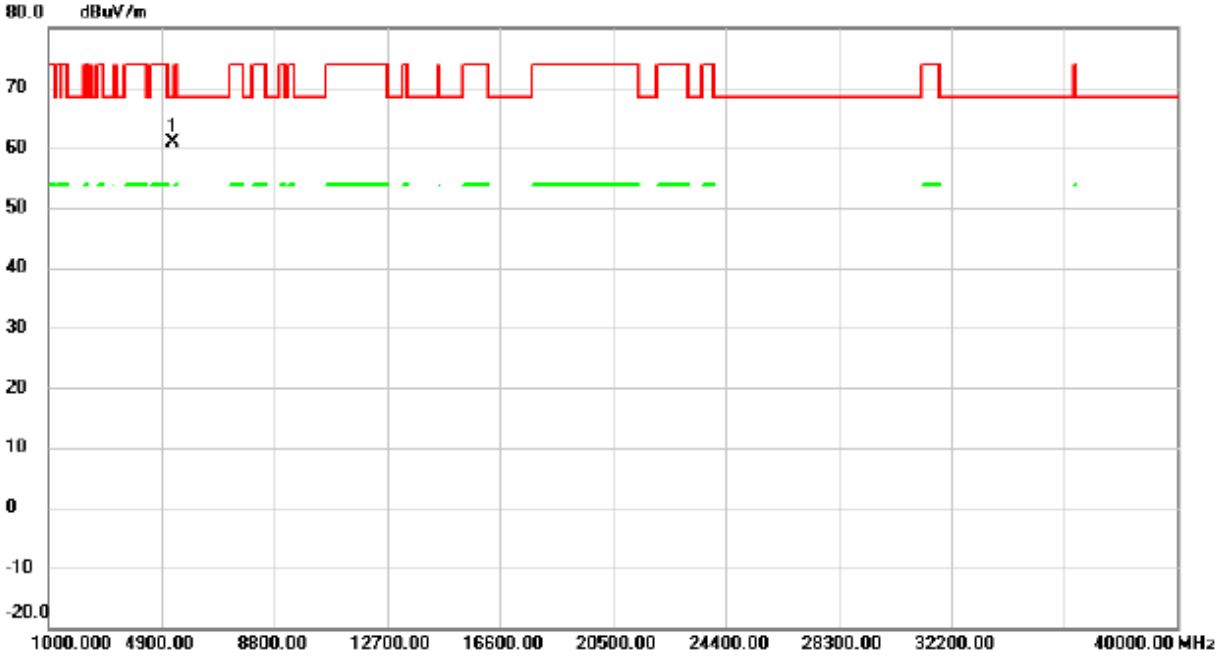
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5787.100	97.10	23.34	120.44	122.20	-1.76	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5785MHz

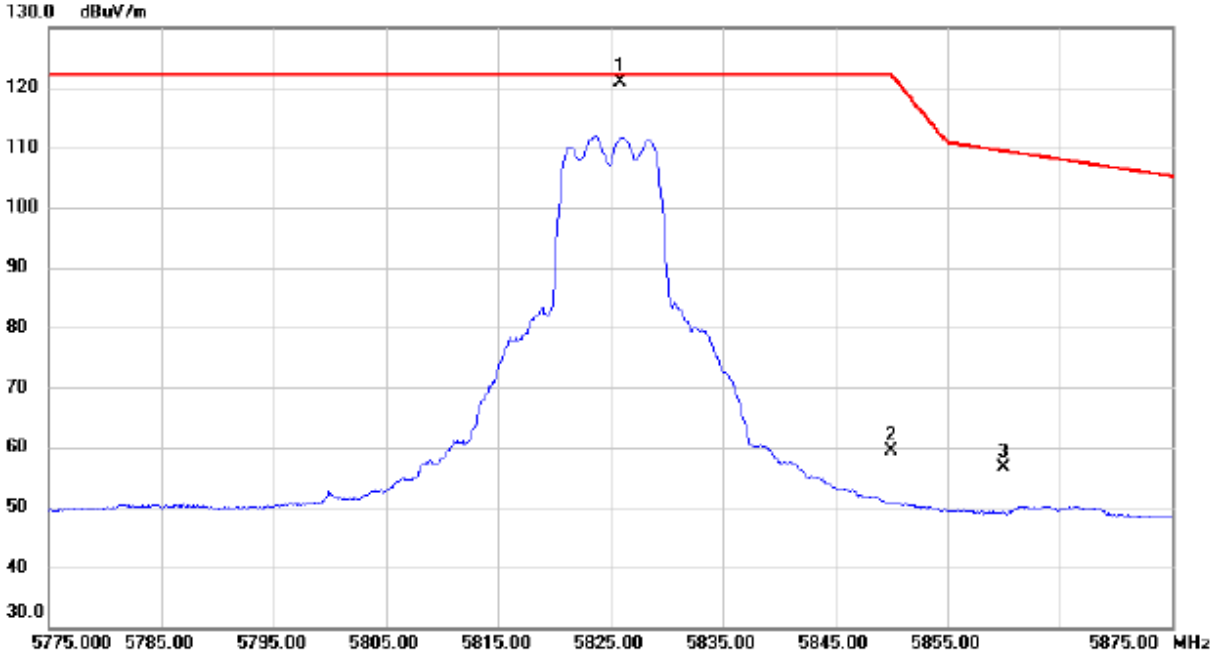
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	49.52	11.41	60.93	68.30	-7.37	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

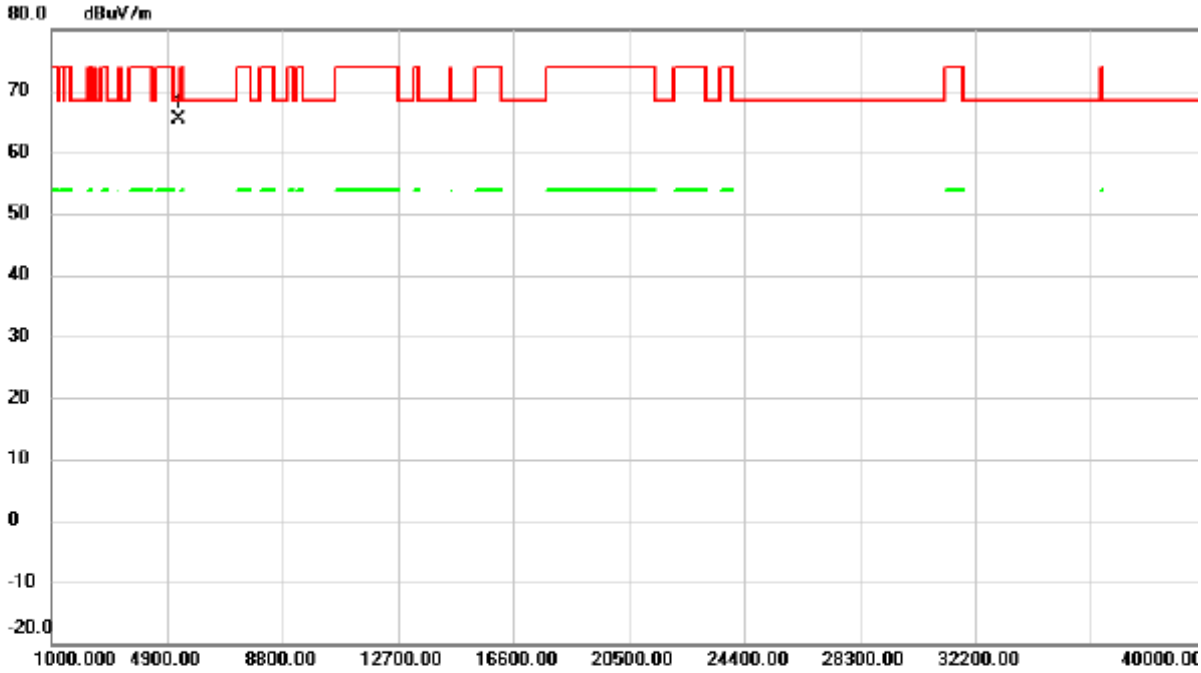
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5825.900	97.33	23.49	120.82	122.20	-1.38	peak	No Limit
2		5850.000	35.72	23.60	59.32	122.20	-62.88	peak	
3		5860.000	33.09	23.64	56.73	109.40	-52.67	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

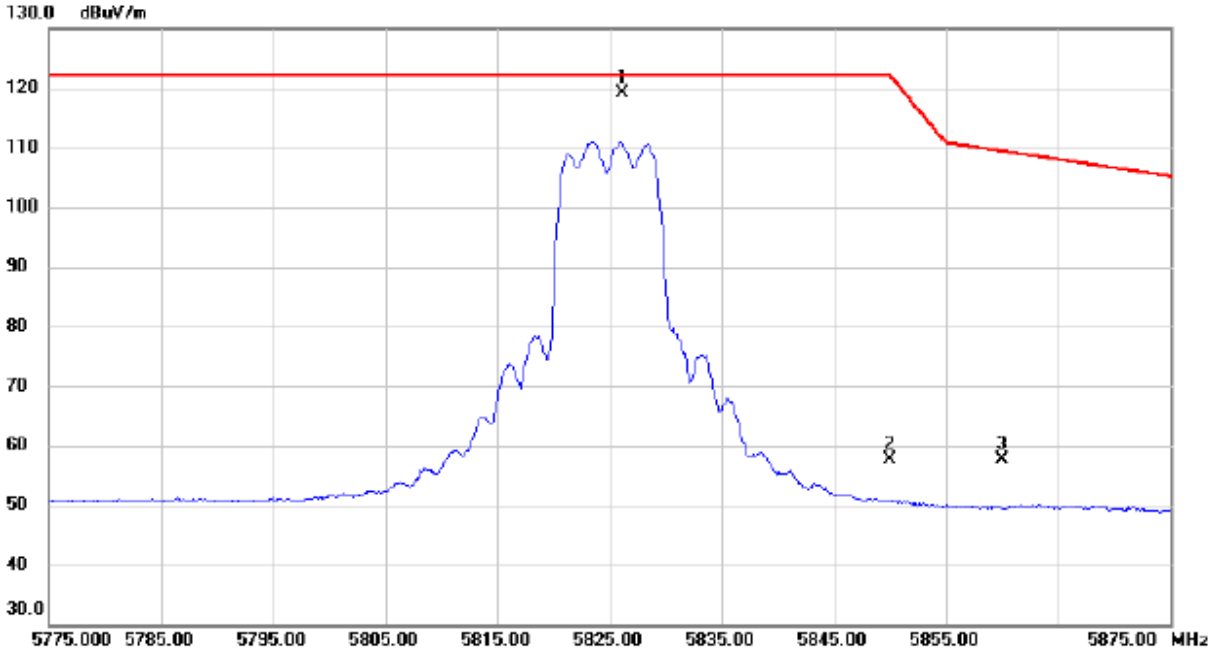
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	53.99	11.41	65.40	68.30	-2.90	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

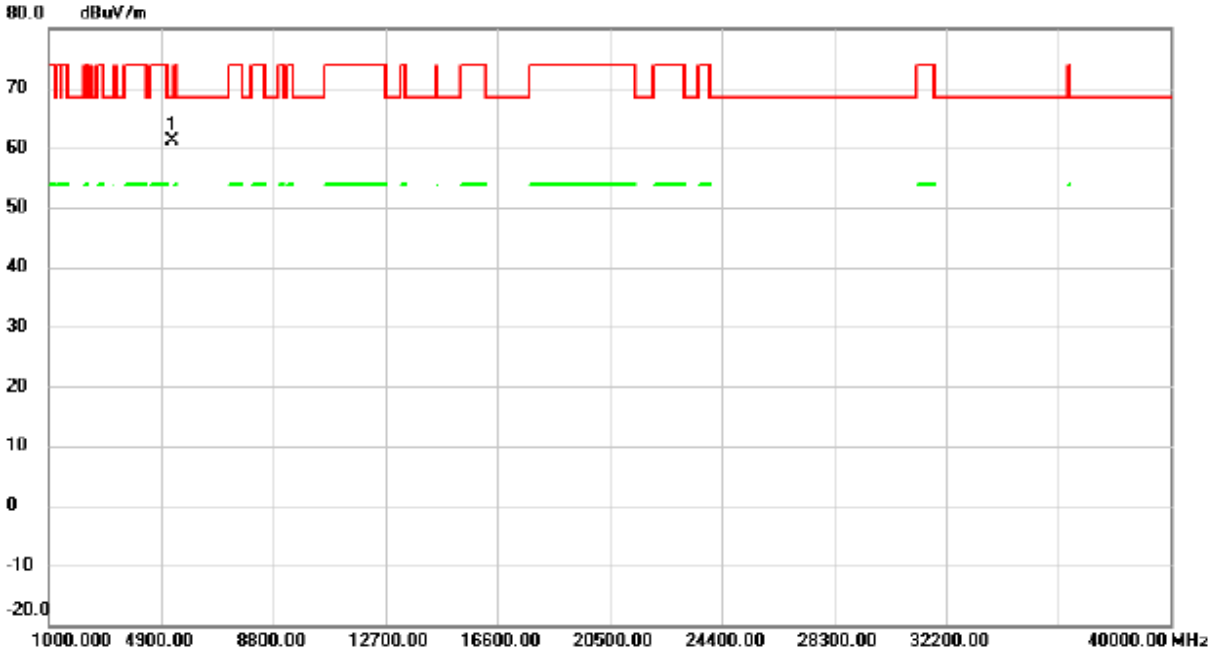
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5826.200	95.62	23.49	119.11	122.20	-3.09	peak	No Limit
2		5850.000	34.03	23.60	57.63	122.20	-64.57	peak	
3		5860.000	34.06	23.64	57.70	109.40	-51.70	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A10 Mode 5825MHz

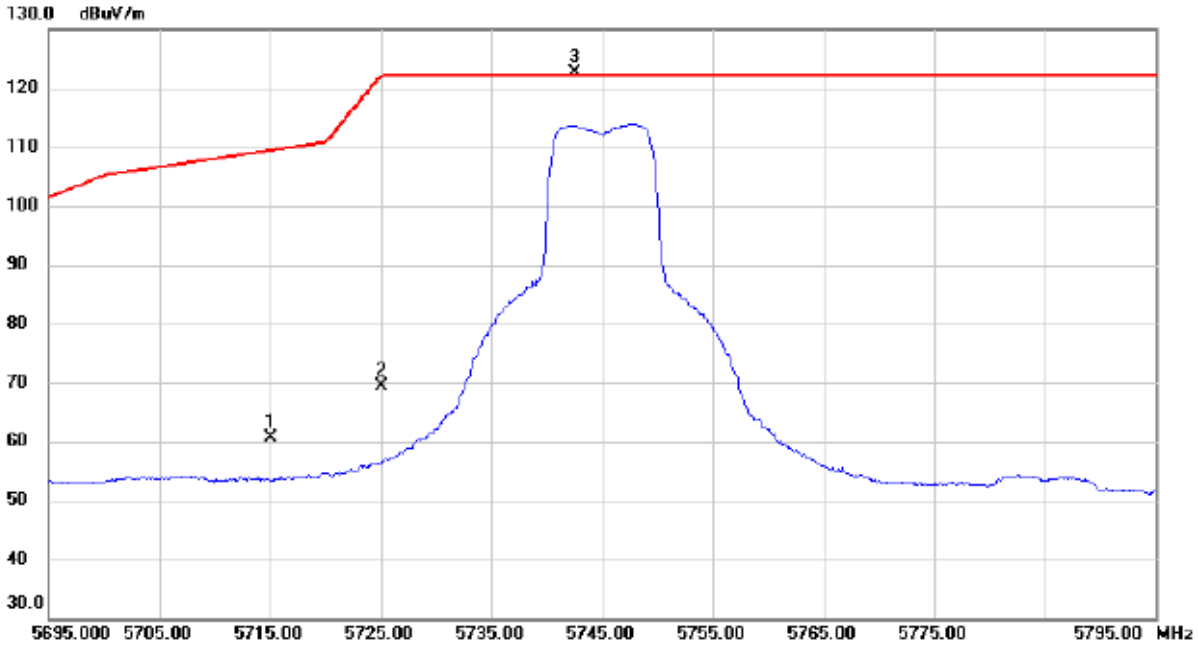
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	49.72	11.41	61.13	68.30	-7.17	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

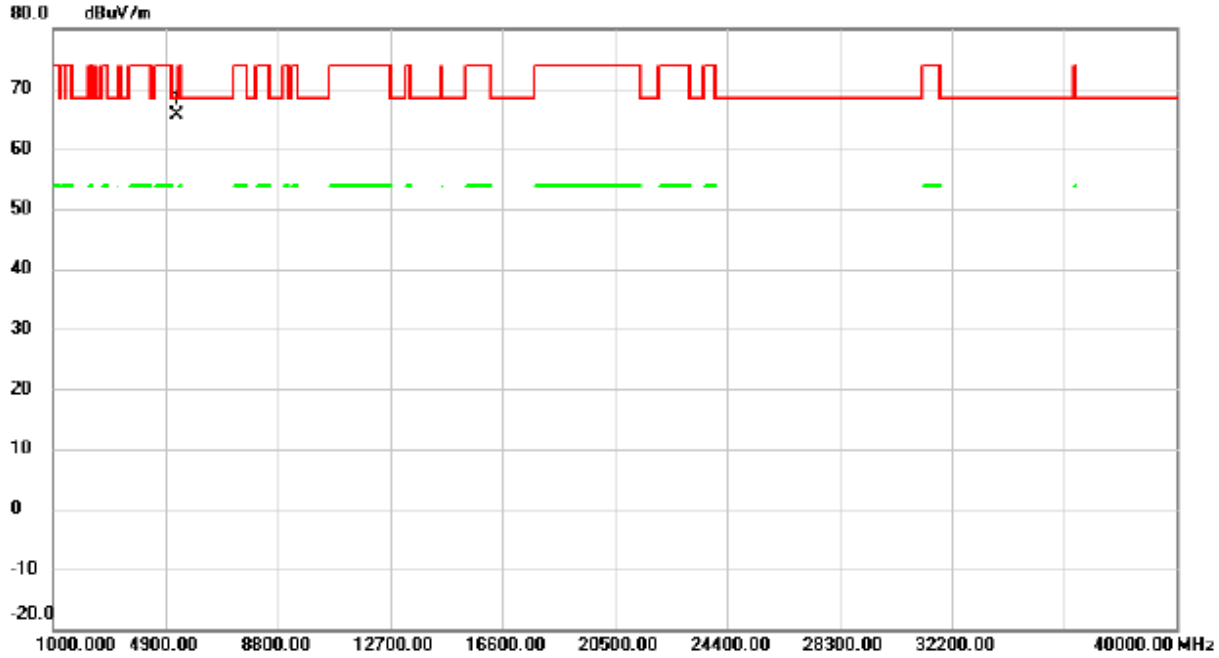
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	37.49	23.05	60.54	109.40	-48.86	peak	
2		5725.000	46.20	23.09	69.29	122.20	-52.91	peak	
3	*	5742.500	99.44	23.16	122.60	122.20	0.40	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

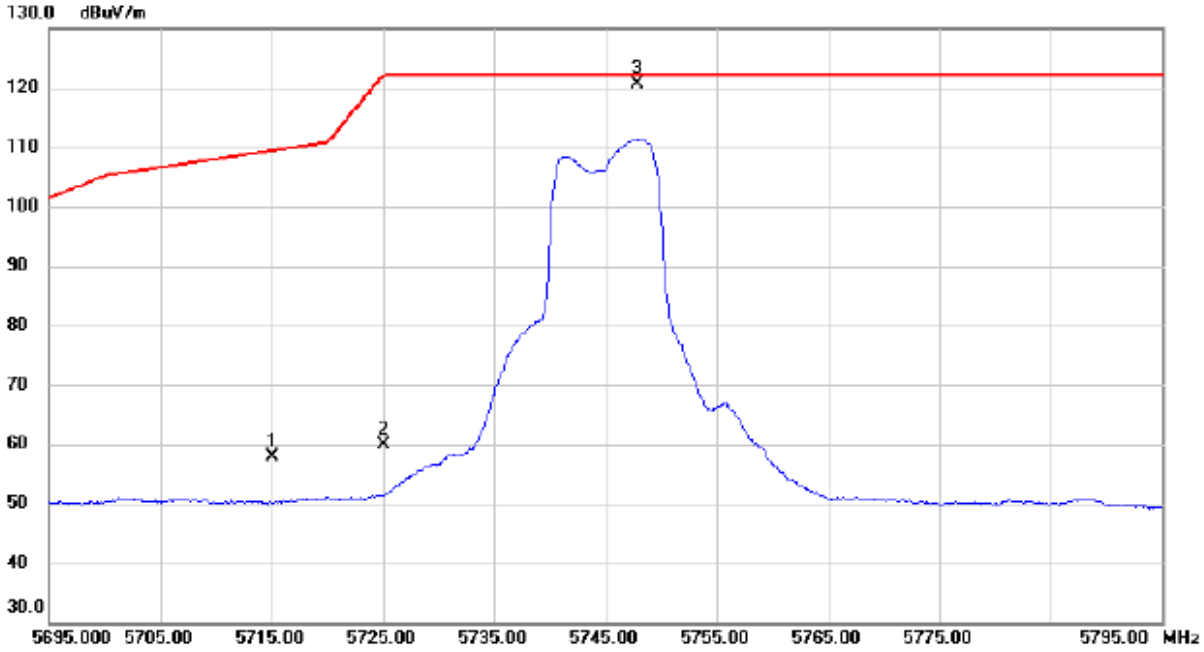
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5281.000	54.34	11.41	65.75	68.30	-2.55	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

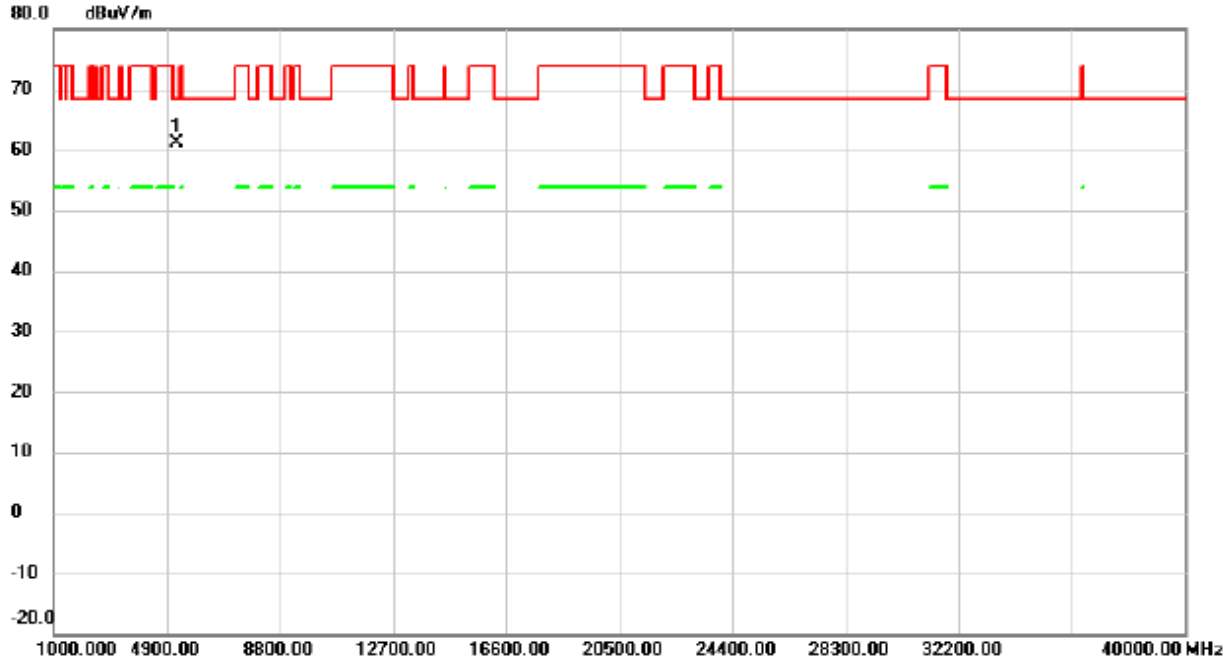
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	34.73	23.05	57.78	109.40	-51.62	peak	
2		5725.000	36.67	23.09	59.76	122.20	-62.44	peak	
3	*	5747.900	97.42	23.18	120.60	122.20	-1.60	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5745MHz

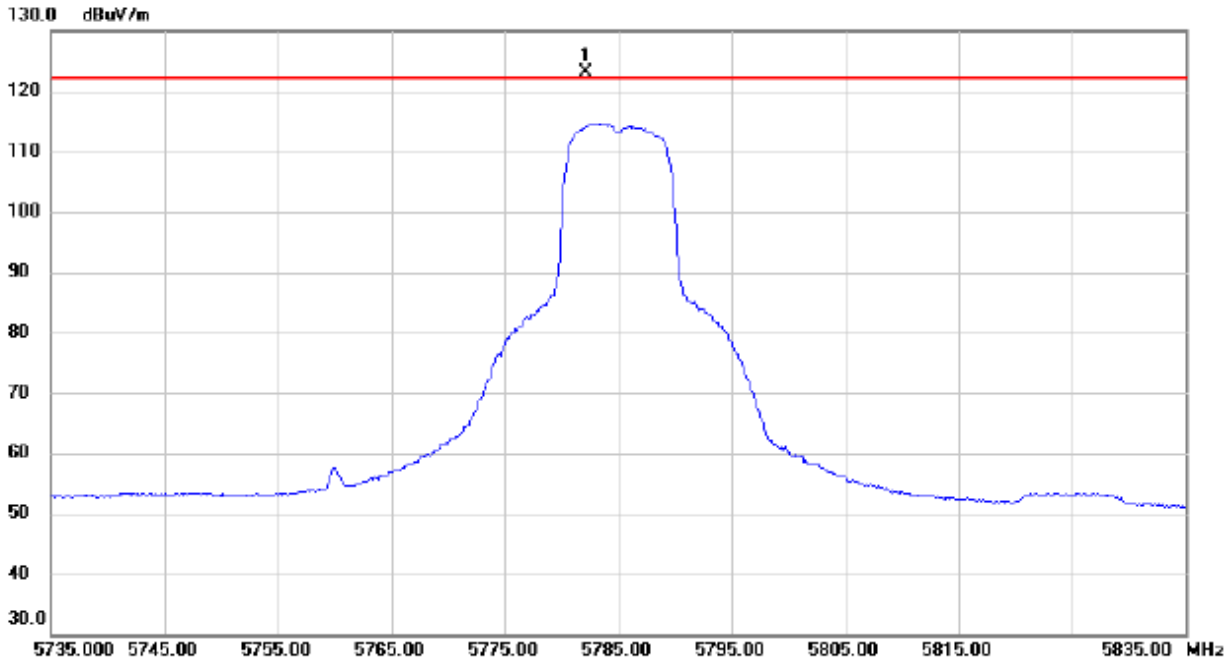
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5240.000	49.98	11.25	61.23	68.30	-7.07	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

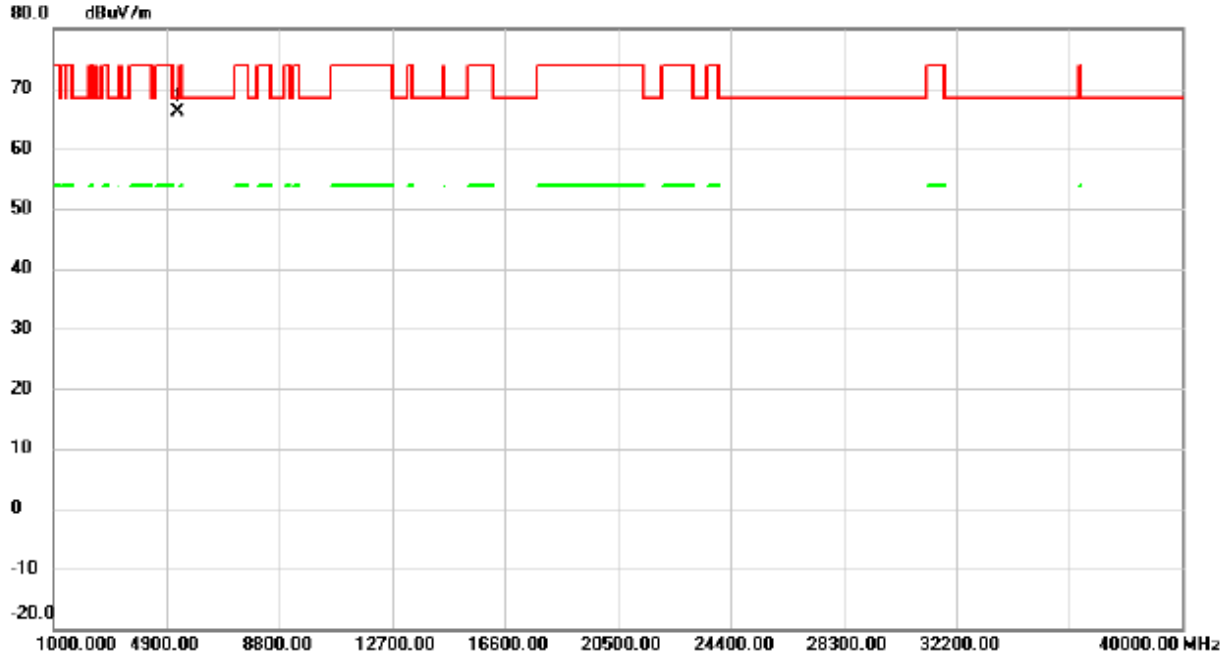
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5782.200	99.93	23.32	123.25	122.20	1.05	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

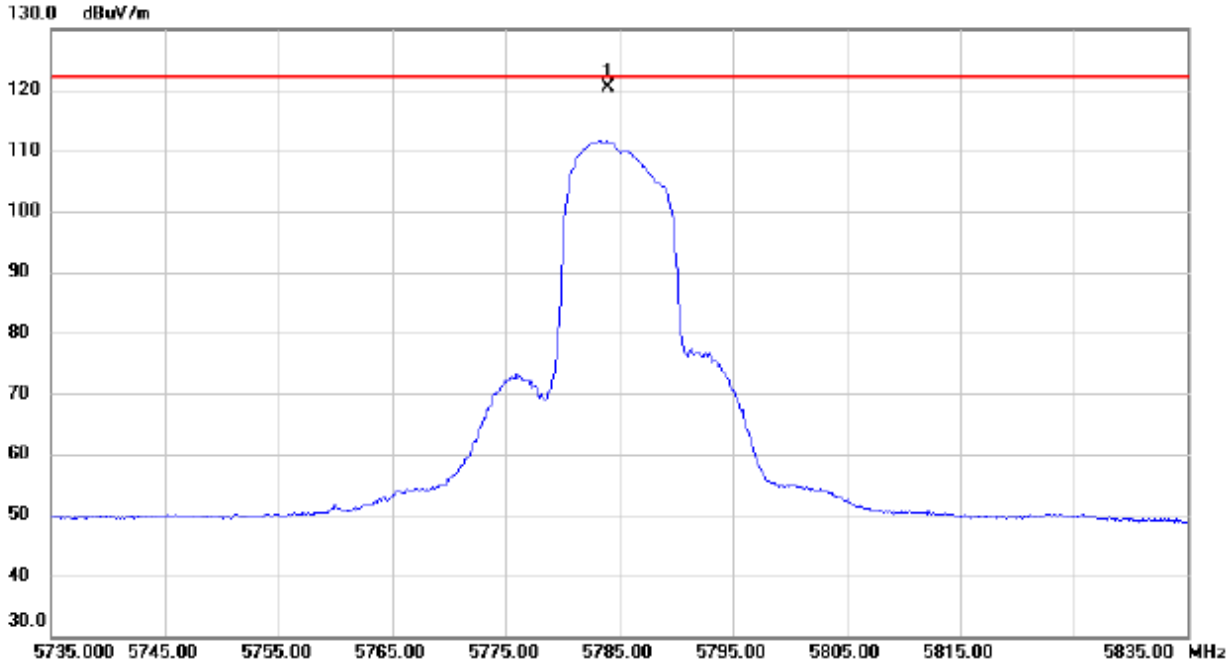
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5280.000	54.65	11.41	66.06	68.30	-2.24	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

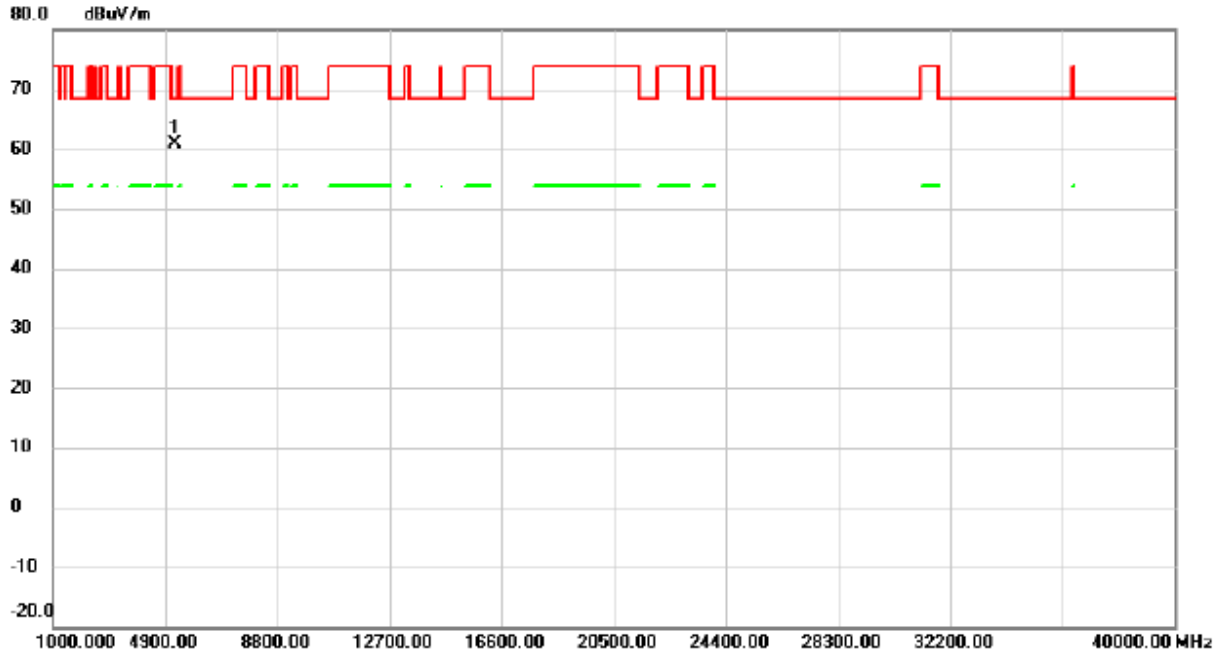
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5784.000	97.11	23.34	120.45	122.20	-1.75	peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5785MHz

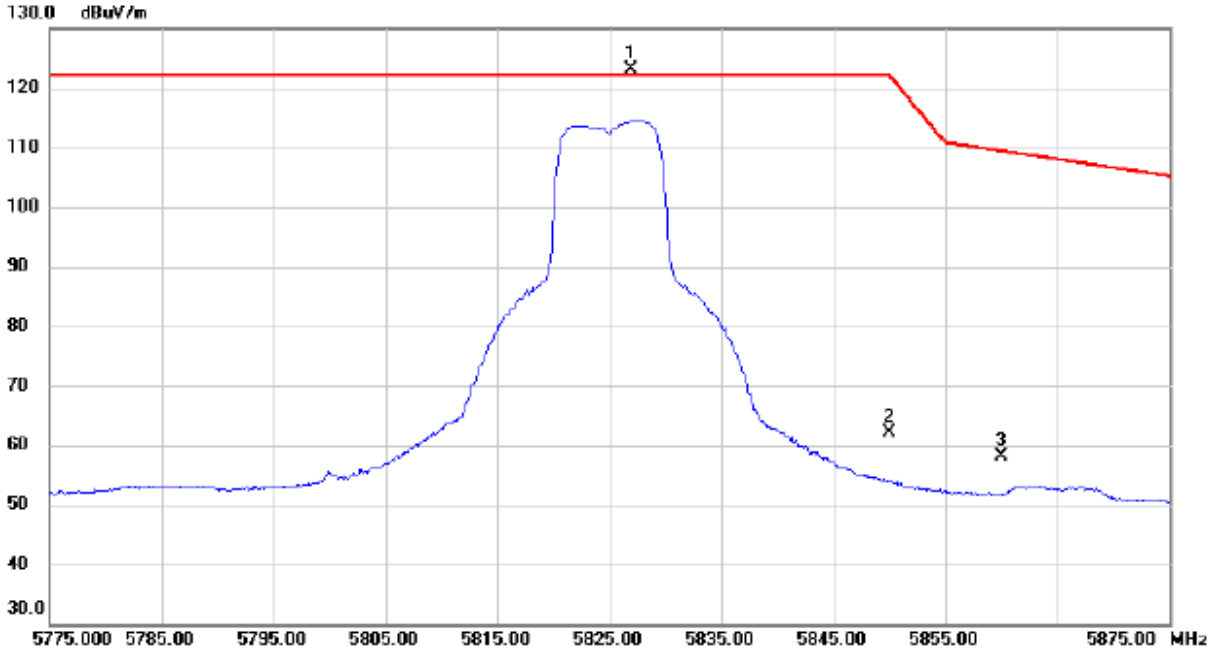
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5240.000	49.66	11.25	60.91	68.30	-7.39	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5825MHz

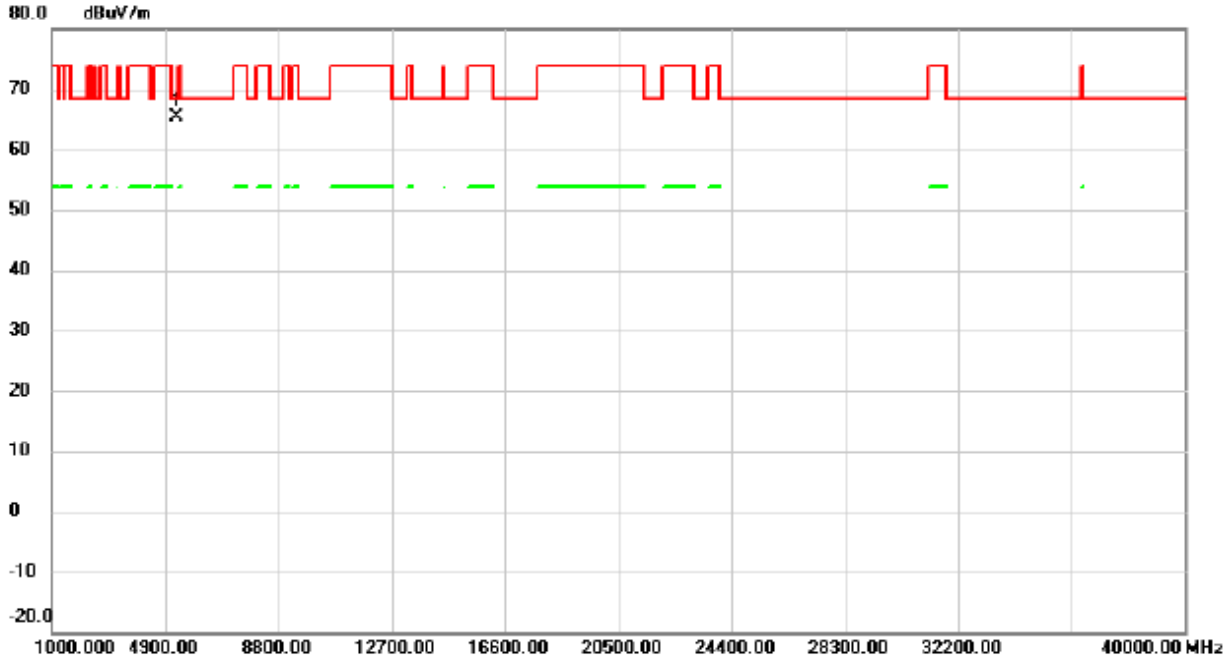
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5826.900	99.61	23.50	123.11	122.20	0.91	peak	No Limit
2		5850.000	38.41	23.60	62.01	122.20	-60.19	peak	
3		5860.000	34.50	23.64	58.14	109.40	-51.26	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N10 Mode 5825MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5281.000	54.01	11.41	65.42	68.30	-2.88	peak	