FCC Radio Test Report

FCC ID: M82-EKI1362BE

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

Project No.	:	1711188A
Equipment	:	Ethernet Device
Test Model	:	EKI-1361-BE
Series Model	:	EKI-1362-BE, EKI-1361-MB-BE, EKI-1362-MB-BE, EKI-6333AC-A, EKI-1361XXXXXXXXXXXXXXXX, EKI-1362XXXXXXXXXXXXXXXX, EKI1361XXXXXXXXXXXXXXXX, EKI1362XXXXXXXXXXXXXXXX, EKI-6333ACXXXXXXXXXXXXXX, EKI6333ACXXXXXXXXXXXXX (where"X"may be any alphanumeric character, blank or"-".)
Applicant	:	Advantech Co., Ltd.
Address	:	No.1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei 11491, Taiwan, R.O.C.
Date of Receipt	:	May 02, 2018
Date of Test	:	May 02, 2018 ~ May 31, 2018
Issued Date	:	Aug. 14, 2018
Tested by	:	BTL Inc.

Testing Engineer : Kenji Lin
(Kenji Lin)

Technical Manager : James Chiu
(James Chiu)

Authorized Signatory : Andy Chiu
(Andy Chiu)

BTL INC.

No.18, Ln. 171, Sec. 2, Jiuzong Rd.,
Neihu Dist., Taipei City, Taiwan (R.O.C.)
TEL:+886-2-2657-3299 FAX: +886-2-2657-3331

ilac-MRA TAF Testing Laboratory 0659

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.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

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-2-1711188A	Original Issue.	Jun. 01, 2018
MTP1808050	Revised model name, series model and FCC ID.	Aug. 14, 2018

1. CERTIFICATION

Equipment	:	Ethernet Device
Brand Name	:	ADVANTECH
Test Model	:	EKI-1361-BE
Series Model	:	EKI-1362-BE, EKI-1361-MB-BE, EKI-1362-MB-BE, EKI-6333AC-A, EKI-1361XXXXXXXXXXXXXXXX, EKI-1362XXXXXXXXXXXXXXXX, EKI1361XXXXXXXXXXXXXXXX, EKI1362XXXXXXXXXXXXXXXX, EKI-6333ACXXXXXXXXXXXXXX, EKI6333ACXXXXXXXXXXXXXX (where“X”may be any alphanumeric character, blank or“-”.)
Applicant	:	Advantech Co., Ltd.
Manufacturer	:	Advantech Co., Ltd.
Address	:	No.1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei 11491, Taiwan, R.O.C.
Factory	:	N/A
Address	:	N/A
Date of Test	:	May 02, 2018 ~ May 31, 2018
Test Sample	:	Production Unit
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found in 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-2-1711188A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 5GHz RLAN part.

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)	26dB Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted 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	
15.407(c)	Automatically Discontinue Transmission	PASS	**NOTE (2)**

NOTE:

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

(2) During no any information transmission, the EUT can automatically discontinue transmission and becom standby mode for power saving.
The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

Radiated emission Test (Below 1 GHz):

CB15: (VCCI RN: R-20020; FCC RN:674415; FCC DN:TW0659; ISED Assigned Code:20088-5)
No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

Radiated emission Test (Above 1 GHz):

CB15: (VCCI RN: G-20031; FCC RN:674415; FCC DN:TW0659; ISED Assigned Code:20088-5)
No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 Ucispr requirement.
The reported uncertainty of measurement y ± U, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

A. Radiated emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (3m)	CISPR	9kHz ~ 150kHz	2.82
		150kHz ~ 30MHz	2.58

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	30MHz ~ 200MHz	V	4.20
		30MHz ~ 200MHz	H	3.64
		200MHz ~ 1,000MHz	V	4.56
		200MHz ~ 1,000MHz	H	3.90

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	1GHz ~ 6GHz	V	4.46
		1GHz ~ 6GHz	H	4.40
		6GHz ~ 18GHz	V	3.88
		6GHz ~ 18GHz	H	4.00

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (1m)	CISPR	18 ~ 26.5 GHz	4.62
		26.5 ~ 40 GHz	5.12

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above.
These are our U_{lab} values in CISPR 16-4-2 terminology.
Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR}, as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz: 3.6 dB
Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz: 5.2 dB

It can be seen that our U_{lab} values are smaller than U_{CISPR}.
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

<table>
<tr><td>Equipment</td><td colspan="2">Ethernet Device</td></tr>
<tr><td>Brand Name</td><td colspan="2">ADVANTECH</td></tr>
<tr><td>Test Model</td><td colspan="2">EKI-1361-BE</td></tr>
<tr><td>Series Model</td><td colspan="2">EKI-1362-BE, EKI-1361-MB-BE, EKI-1362-MB-BE, EKI-6333AC-A,
EKI-1361XXXXXXXXXXXXXXX, EKI-1362XXXXXXXXXXXXXXXX,
EKI1361XXXXXXXXXXXXXXX, EKI1362XXXXXXXXXXXXXXXX,
EKI-6333ACXXXXXXXXXXXXXX, EKI6333ACXXXXXXXXXXXXXX
(where“X”may be any alphanumeric character, blank or“-”.)</td></tr>
<tr><td>Model Difference</td><td colspan="2">Different model distribute to different area.
Nameplate is different.
<table>
<tr><td>Model Name</td><td>EKI-1361-BE</td><td>EKI-1362-BE</td><td>EKI-6333AC-A</td></tr>
<tr><td>Port</td><td>1</td><td>2</td><td>No Port</td></tr>
</table></td></tr>
<tr><td>Power Source</td><td colspan="2">Supplied from battery</td></tr>
<tr><td>Power Rating</td><td colspan="2">DC 12~48V</td></tr>
<tr><td>Products Covered</td><td colspan="2">Radio module: ADVANTECH / EWM-W163M201E</td></tr>
<tr><td>Operation Frequency</td><td colspan="2">UNII-1: 5150-5250MHz
UNII-2A: 5250-5350MHz
UNII-2C: 5470-5725MHz
UNII-3: 5725-5850MHz</td></tr>
<tr><td>Modulation Type</td><td colspan="2">OFDM</td></tr>
<tr><td>Bit Rate of Transmitter</td><td colspan="2">866.7Mbps</td></tr>
<tr><td rowspan="4">Output Power</td><td>Output Power (Max.)for UNII-1 (2TX)</td><td>802.11a: 14.83dBm
802.11n (20M): 14.54dBm
802.11n (40M): 14.56dBm
802.11ac (20M): 14.52dBm
802.11ac (40M): 14.53dBm
802.11ac (80M): 14.45dBm</td></tr>
<tr><td>Output Power (Max.)for UNII-2A (2TX)</td><td>802.11a: 16.42dBm
802.11n (20M): 16.18dBm
802.11n (40M): 17.51dBm
802.11ac (20M): 16.15dBm
802.11ac (40M): 17.48dBm
802.11ac (80M): 13.81dBm</td></tr>
<tr><td>Output Power (Max.)for UNII-2C (2TX)</td><td>802.11a: 16.02dBm
802.11n (20M): 16.00dBm
802.11n (40M): 17.07dBm
802.11ac (20M): 15.78dBm
802.11ac (40M): 17.03dBm
802.11ac (80M): 17.09dBm</td></tr>
<tr><td>Output Power (Max.)for UNII-3 (2TX)</td><td>802.11a: 18.30dBm
802.11n (20M): 18.03dBm
802.11n (40M): 18.00dBm
802.11ac (20M): 18.01dBm
802.11ac (40M): 17.92dBm
802.11ac (80M): 13.75dBm</td></tr>
</table>

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 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
132	5660				
136	5680				
140	5700				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Invax	AN2450-92K01BRS	Dipole	R-SMA	5.01
2	Invax	AN2450-92K01BRS	Dipole	R-SMA	5.01

Note:

The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R) and employs Cyclic Delay Diversity (CDD).
In CDD mode,

For power spectral density:
Directional gain =
10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.02 dBi > 6dBi.
UNII-1:
The reduced power spectral density limits (dBm/MHz) = 17 - (8.02-6) = 14.98
UNII-2A&UNII-2C:
The reduced power spectral density limits (dBm/MHz) = 11 - (8.02-6) = 8.98
UNII-3:
The reduced power spectral density limits (dBm/MHz) = 30 - (8.02-6) = 27.98

For conducted power:
For N_{ANT} = 2 < 5,
Direction gain (dBi) = G_{ANT} + 0 = 5.01 + 0 = 5.01
The Direction gain is less than 6, so conducted power limits will not be reduced.

Operating Mode / TX Mode	2TX
802.11a	V (ANT 1+ANT 2)
802.11n(20MHz)	V (ANT 1+ANT 2)
802.11n(40MHz)	V (ANT 1+ANT 2)
802.11ac(20MHz)	V (ANT 1+ANT 2)
802.11ac(40MHz)	V (ANT 1+ANT 2)
802.11ac(80MHz)	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 A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC80 Mode / CH42 (UNII-1)
Mode 5	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 7	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 8	TX AC80 Mode / CH58 (UNII-2A)
Mode 9	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 10	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 11	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 12	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 13	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 14	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 15	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 16	TX AC80 Mode / CH155 (UNII-3)

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 2	TX N20 Mode / CH48 (UNII-1)
Mode 5	TX A Mode / CH60 (UNII-2A)
Mode 9	TX A Mode / CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH149 (UNII-3)

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC80 Mode / CH42 (UNII-1)
Mode 5	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 7	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 8	TX AC80 Mode / CH58 (UNII-2A)
Mode 9	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 10	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 11	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 12	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 13	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 14	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 15	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 16	TX AC80 Mode / CH155 (UNII-3)

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

UNII-1 - 2TX			
Test Software Version	Putty		
Frequency (MHz)	5180	5200	5240
A Mode	13	13	13
Frequency (MHz)	5180	5200	5240
N20 Mode	13	13	13
Frequency (MHz)	5190	5230	
N40 Mode	13	13	

UNII-2A - 2TX			
Test Software Version	Putty		
Frequency (MHz)	5260	5300	5320
A Mode	15	15	15
Frequency (MHz)	5260	5300	5320
N20 Mode	15	15	15
Frequency (MHz)	5270	5310	
N40 Mode	16	15	

UNII-2C - 2TX			
Test Software Version	Putty		
Frequency (MHz)	5500	5580	5700
A Mode	13	14	14
Frequency (MHz)	5500	5580	5700
N20 Mode	13	14	14
Frequency (MHz)	5510	5550	5670
N40 Mode	15	15	15

UNII-3 - 2TX			
Test Software Version	Putty		
Frequency (MHz)	5745	5785	5825
A Mode	15	17	17
Frequency (MHz)	5745	5785	5825
N20 Mode	15	17	17
Frequency (MHz)	5755	5795	
N40 Mode	13	17	

UNII-1 - 2TX			
Test Software Version	Putty		
Frequency (MHz)	5180	5200	5240
AC20 Mode	13	13	13
Frequency (MHz)	5190	5230	
AC40 Mode	13	13	
Frequency (MHz)	5210		
AC80 Mode	13		

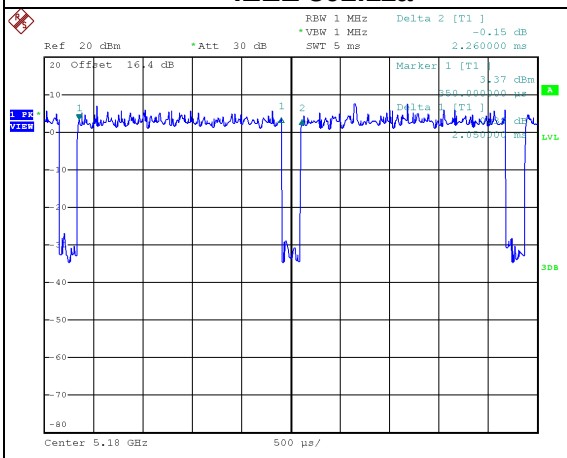
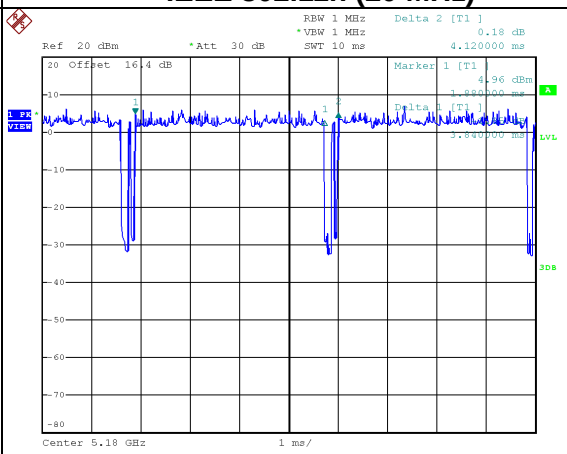
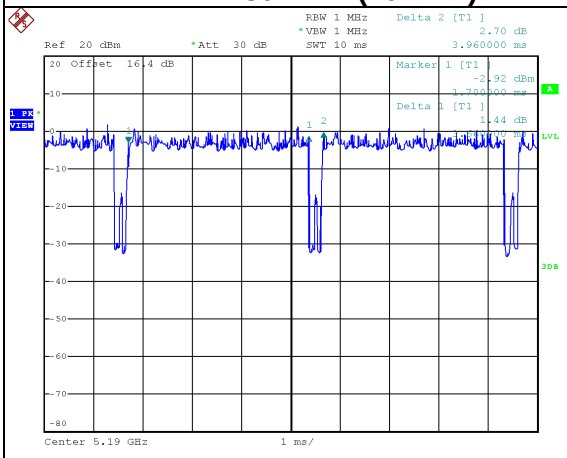
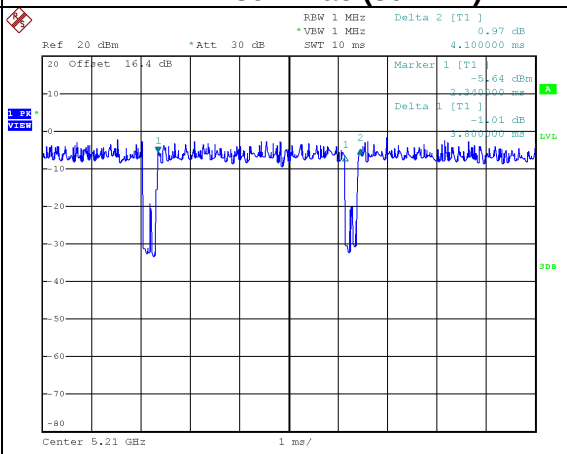
UNII-2A - 2TX			
Test Software Version	Putty		
Frequency (MHz)	5260	5300	5320
AC20 Mode	15	15	15
Frequency (MHz)	5270	5310	
AC40 Mode	16	15	
Frequency (MHz)	5290		
AC80 Mode	12		

UNII-2C - 2TX			
Test Software Version	Putty		
Frequency (MHz)	5500	5580	5700
AC20 Mode	13	14	14
Frequency (MHz)	5510	5550	5670
AC40 Mode	15	15	15
Frequency (MHz)	5530	5610	
AC80 Mode	13	15	

UNII-3 - 2TX			
Test Software Version	ART		
Frequency (MHz)	5745	5785	5825
AC20 Mode	15	17	17
Frequency (MHz)	5755	5795	
AC40 Mode	13	17	
Frequency (MHz)	5775		
AC80 Mode	12		

3.4 DUTY CYCLE

If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

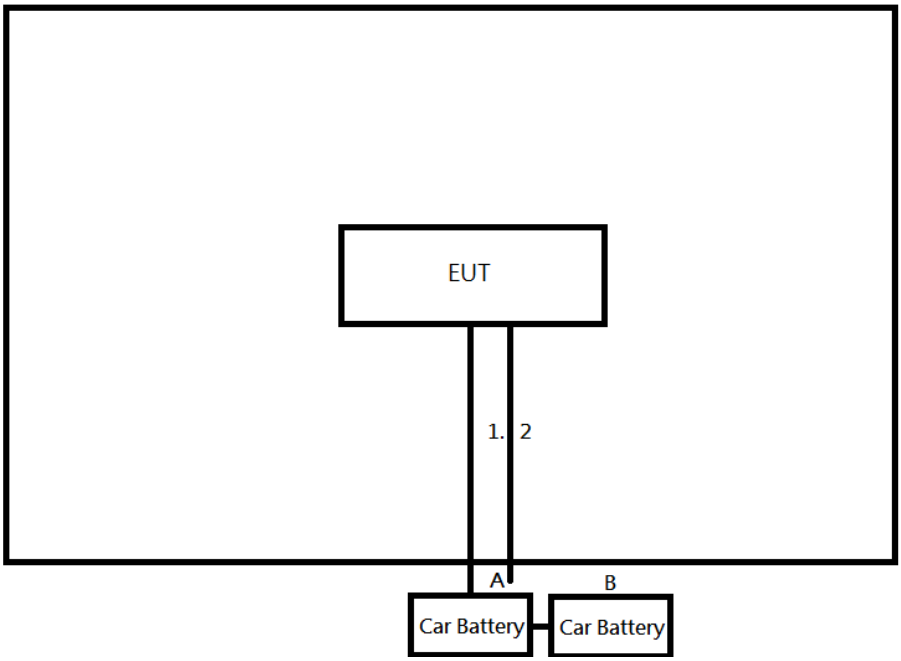
IEEE 802.11a	IEEE 802.11n (20 MHz)
	
Duty cycle = 2.050 ms / 2.260 ms = 90.71 % Duty Factor = 10 * log(1 / 0.9071) = 0.42	Duty cycle = 3.840 ms / 4.120 ms = 93.20 % Duty Factor = 10 * log(1 / 0.9320) = 0.31
IEEE 802.11n (40 MHz)	**IEEE 802.11ac (80 MHz)**
	
Duty cycle = 3.660 ms / 3.960 ms = 92.42 % Duty Factor = 10 * log(1 / 0.9242) = 0.34	Duty cycle = 3.800 ms / 4.100 ms = 92.68 % Duty Factor = 10 * log(1 / 0.9268) = 0.33

Note:
For IEEE 802.11a and IEEE 802.11n (20 MHz):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).

For IEEE 802.11n (40 MHz):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).

For IEEE 802.11ac (80 MHz):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 kHz (Duty cycle < 98%).

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 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	Car Battery	Panasonic	46B24L	N/A	N/A
B	Car Battery	YUASA	55B24L(S)-SMF	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	Car Battery Power Cable
2	NO	NO	5.0m	RJ45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

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.

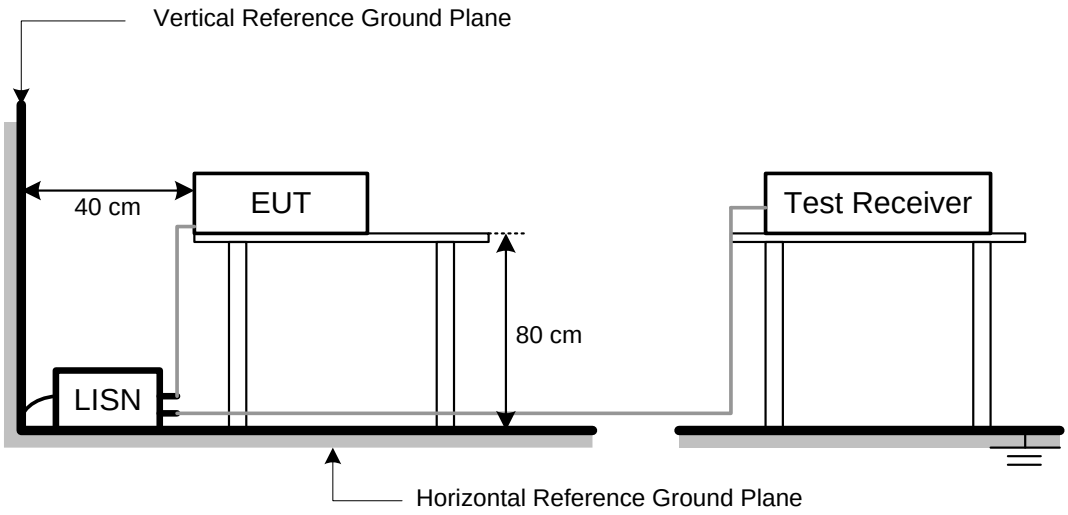
d. LISN at least 80 cm from nearest part of EUT chassis.

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: 24°C Relative Humidity: 50% Test Voltage: DC 24V

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
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

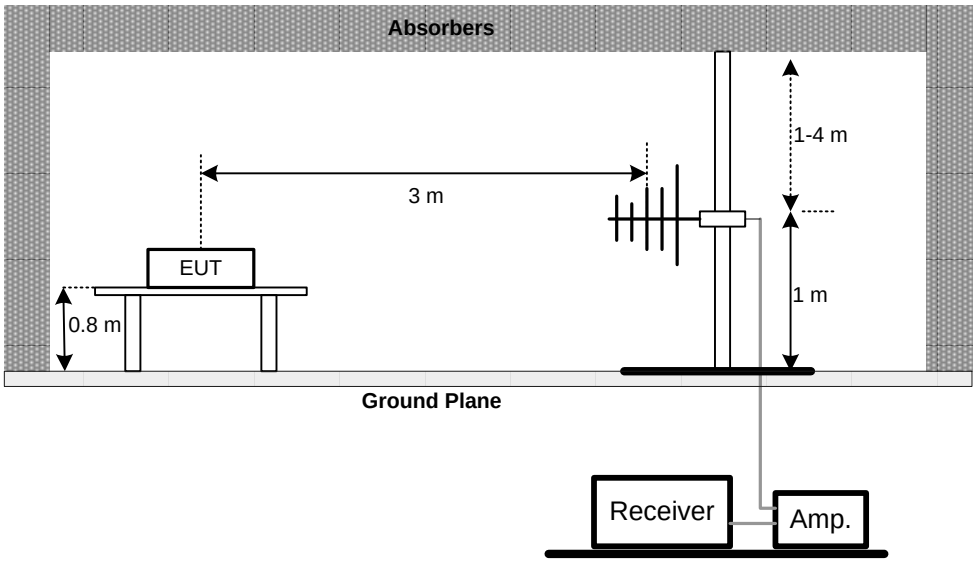
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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

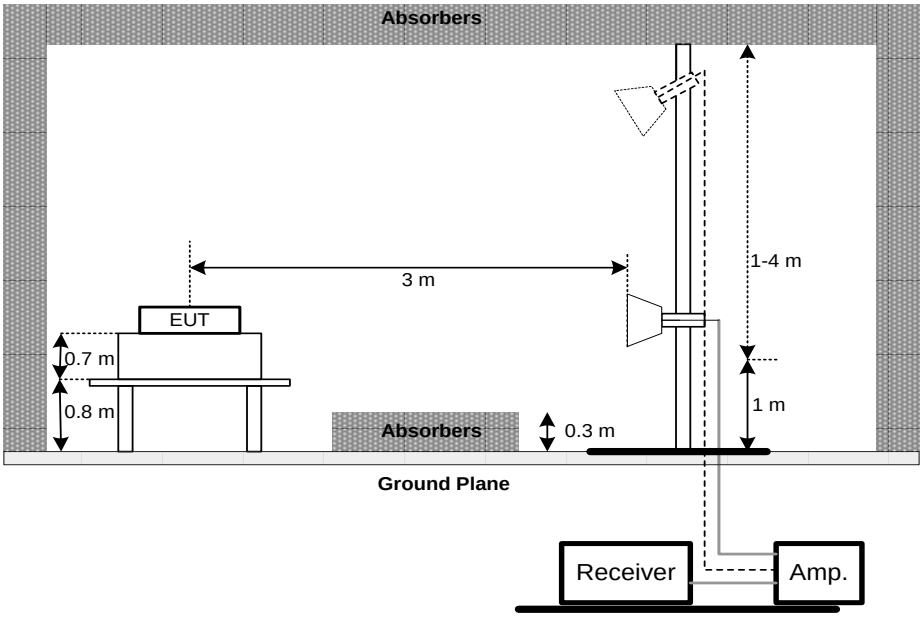
4.2.4 TEST SETUP

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

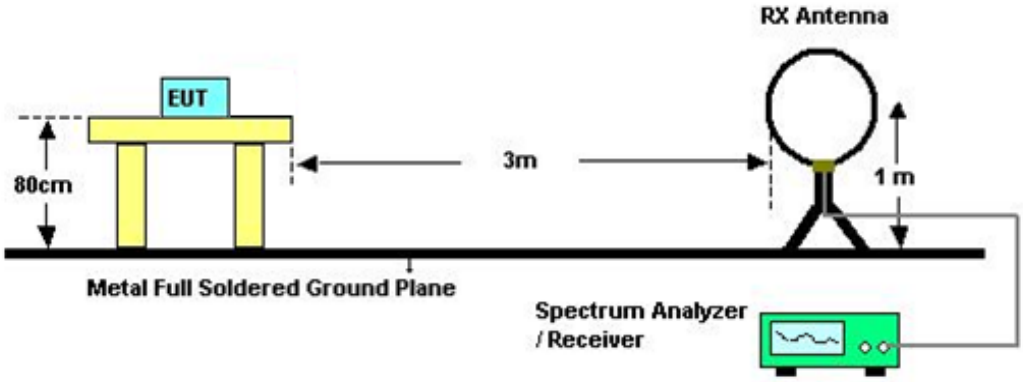


(B) Radiated Emission Test Set-Up Frequency Above 1 GHz

Band edge



(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: 23°C Relative Humidity: 70% Test Voltage: DC 24V

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 (BETWEEN 30 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. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5725	PASS
	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.

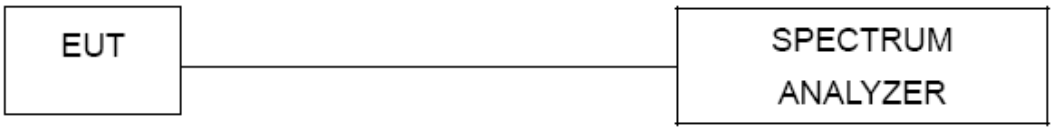
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26dB below carrier

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: 23°C Relative Humidity: 70% Test Voltage: DC 24V

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	PASS
	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 power meter and antenna output port as show in the block diagram below,

b.

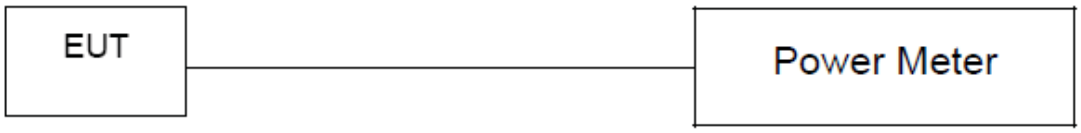
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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: 23°C Relative Humidity: 70% Test Voltage: DC 24V

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
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	11dBm/MHz	5250-5350	PASS
	11dBm/MHz	5470-5725	PASS
	30dBm/500kHz	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	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

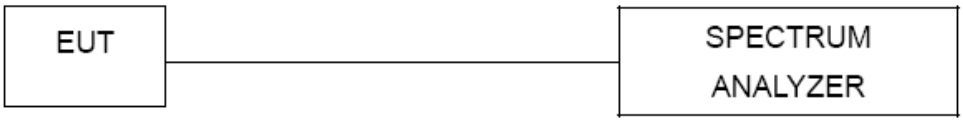
Note:

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.

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 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.

7.1.4 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: DC 24V

7.1.5 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	5150-5250	PASS
		5250-5350	PASS
		5470-5725	PASS
		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

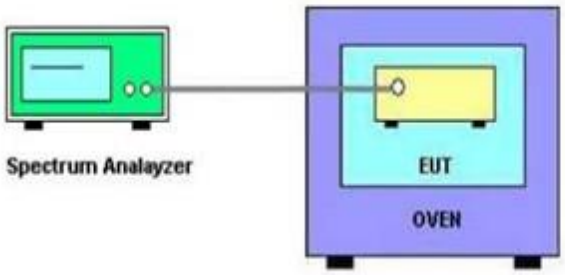
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -20°C~50°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: DC 24V

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	TWO-LINE V-NETWORK	R&S	ENV216	101050	Mar. 08, 2019
2	Test Cable	EMCI	EMCCFD300-BM-BMR-6000	170715	Aug. 08, 2018
3	EMI Test Receiver	R&S	ESR7	101433	Dec. 10, 2018
4	Measurement Software	EZ	EZ_EMC(Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Preamplifier	EMCI	012645B	980267	Feb. 27, 2019
2	Preamplifier	EMCI	EMC02325	980217	Dec. 27, 2019
3	Preamplifier	EMCI	EMC2654045	980030	Feb. 13, 2019
4	Test Cable	EMCI	EMC104-SM-SM-8000	8m	Jan. 03, 2019
5	Test Cable	EMCI	EMC104-SM-SM-800	150207	Jan. 03, 2019
6	Test Cable	EMCI	EEMC104-SM-SM-3000	151205	Jan. 03, 2019
7	MXE EMI Receiver	Agilent	N9038A	MY55420127	Jan. 08, 2019
8	Signal Analyzer	Agilent	N9010A	MY52220990	Feb. 21, 2019
9	Loop Ant	EMCI	LPA600	274	May 03, 2019
10	Horm Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	Feb. 27, 2019
11	Horm Ant	Schwarzbeck	BBHA 9170	187	Dec. 05, 2018
12	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-548	Jan. 15, 2019
13	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0623	Jan. 15, 2019

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 24, 2019

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	Anritsu	ML2495A	1128008	Aug. 16, 2018
2	Power Sensor	Anritsu	MA2411B	1126001	Aug. 16, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 24, 2019

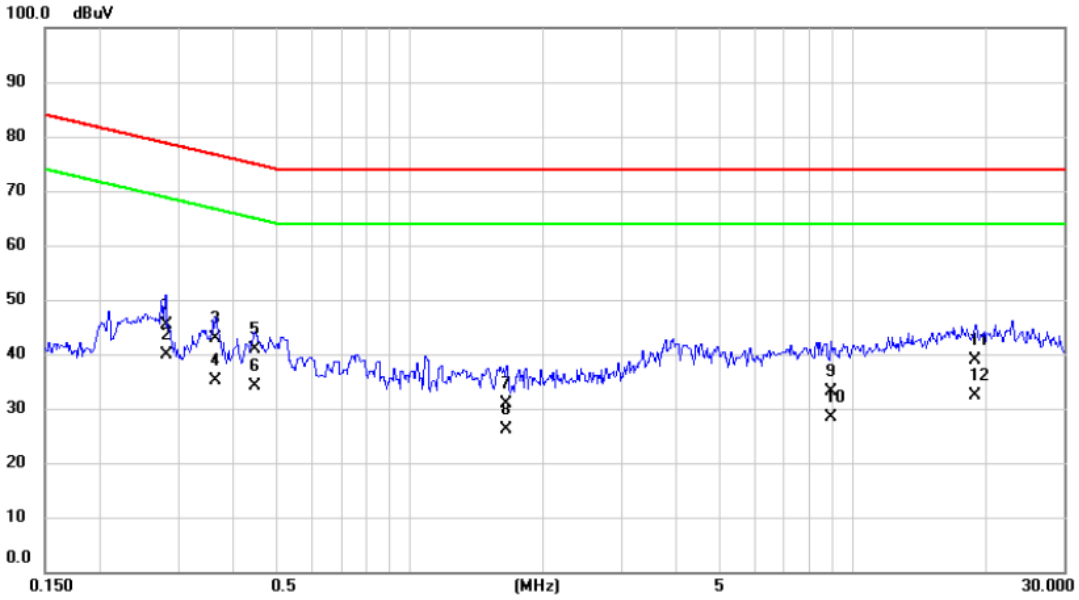
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 24, 2019

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

APPENDIX A - CONDUCTED EMISSION

Test Mode:	UNII-1/ TX N20 Mode 5240MHz

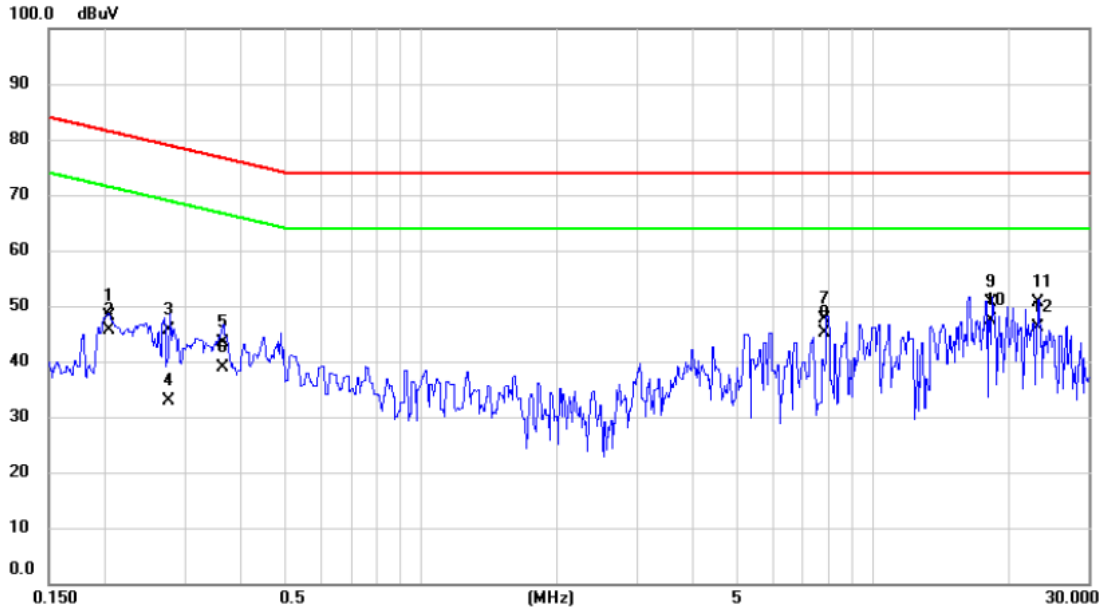
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2820	35.42	10.00	45.42	78.76	-33.34	QP	
2	*	0.2820	29.99	10.00	39.99	68.76	-28.77	AVG	
3		0.3636	32.85	9.95	42.80	76.65	-33.85	QP	
4		0.3636	25.09	9.95	35.04	66.65	-31.61	AVG	
5		0.4470	31.02	9.90	40.92	74.93	-34.01	QP	
6		0.4470	24.25	9.90	34.15	64.93	-30.78	AVG	
7		1.6490	20.93	9.92	30.85	74.00	-43.15	QP	
8		1.6490	16.22	9.92	26.14	64.00	-37.86	AVG	
9		8.9527	22.93	10.12	33.05	74.00	-40.95	QP	
10		8.9527	18.32	10.12	28.44	64.00	-35.56	AVG	
11		18.9115	28.42	10.34	38.76	74.00	-35.24	QP	
12		18.9115	22.16	10.34	32.50	64.00	-31.50	AVG	

Test Mode:	UNII-1/ TX N20 Mode 5240MHz

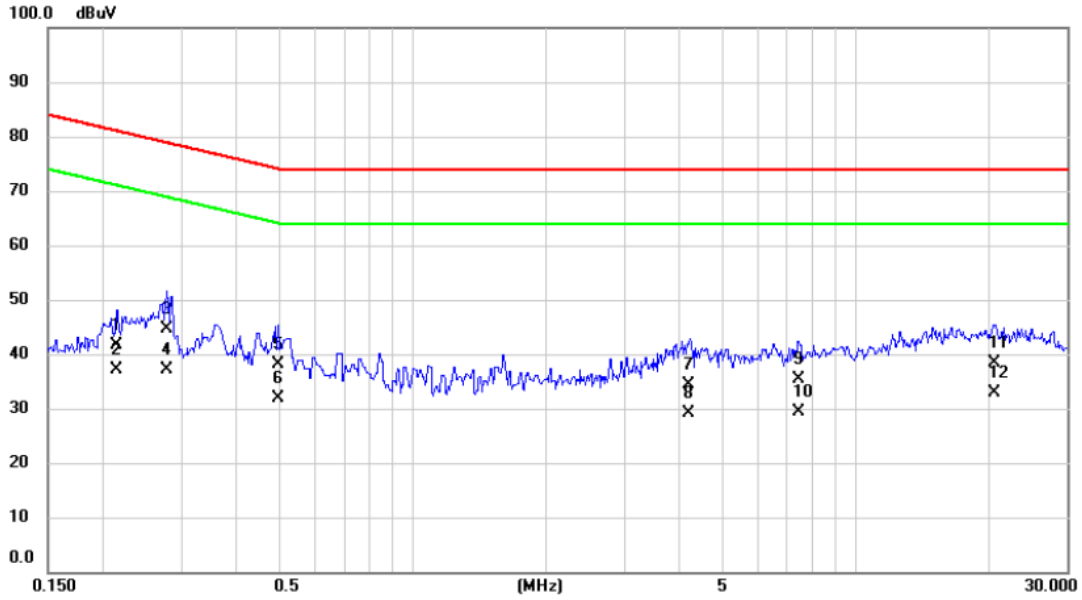
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2034	38.20	9.93	48.13	81.47	-33.34	QP	
2		0.2034	35.60	9.93	45.53	71.47	-25.94	AVG	
3		0.2770	35.70	9.99	45.69	78.91	-33.22	QP	
4		0.2770	22.90	9.99	32.89	68.91	-36.02	AVG	
5		0.3631	33.40	9.95	43.35	76.66	-33.31	QP	
6		0.3631	28.90	9.95	38.85	66.66	-27.81	AVG	
7		7.8000	37.60	10.01	47.61	74.00	-26.39	QP	
8		7.8000	35.10	10.01	45.11	64.00	-18.89	AVG	
9		18.2200	40.20	10.33	50.53	74.00	-23.47	QP	
10	*	18.2200	37.10	10.33	47.43	64.00	-16.57	AVG	
11		23.1530	40.10	10.42	50.52	74.00	-23.48	QP	
12		23.1530	35.80	10.42	46.22	64.00	-17.78	AVG	

Test Mode:	UNII-2A/ TX A Mode 5300MHz

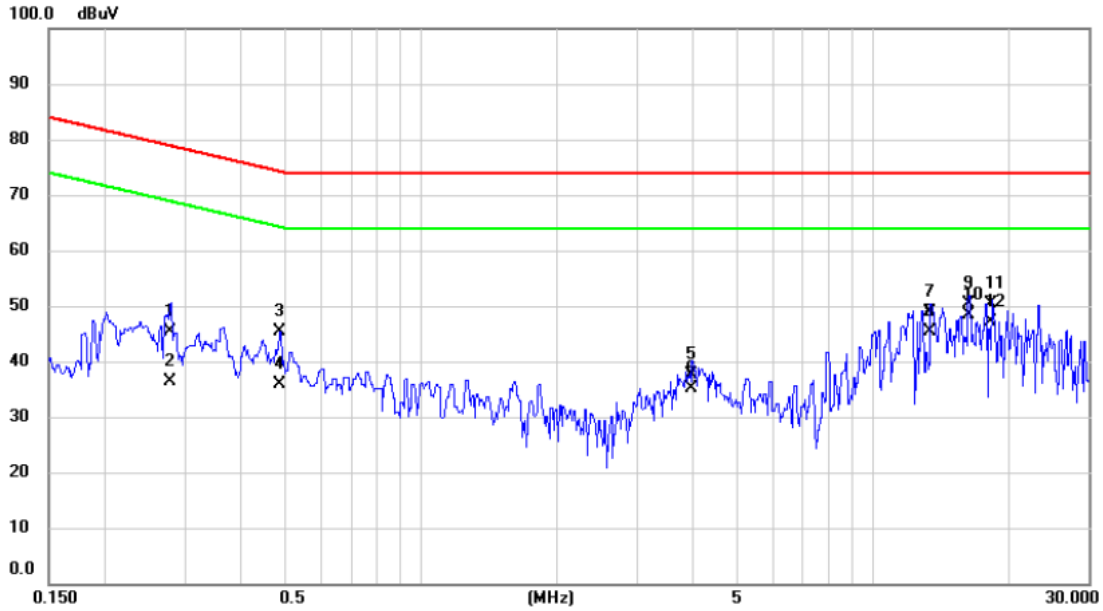
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2145	31.60	9.94	41.54	81.03	-39.49	QP	
2		0.2145	27.10	9.94	37.04	71.03	-33.99	AVG	
3		0.2781	34.60	9.99	44.59	78.87	-34.28	QP	
4		0.2781	27.10	9.99	37.09	68.87	-31.78	AVG	
5		0.4961	28.20	9.89	38.09	74.07	-35.98	QP	
6		0.4961	22.10	9.89	31.99	64.07	-32.08	AVG	
7		4.2080	24.30	9.99	34.29	74.00	-39.71	QP	
8		4.2080	19.10	9.99	29.09	64.00	-34.91	AVG	
9		7.4500	25.22	10.07	35.29	74.00	-38.71	QP	
10		7.4500	19.35	10.07	29.42	64.00	-34.58	AVG	
11		20.6200	28.10	10.37	38.47	74.00	-35.53	QP	
12	*	20.6200	22.60	10.37	32.97	64.00	-31.03	AVG	

Test Mode:	UNII-2A/ TX A Mode 5300MHz

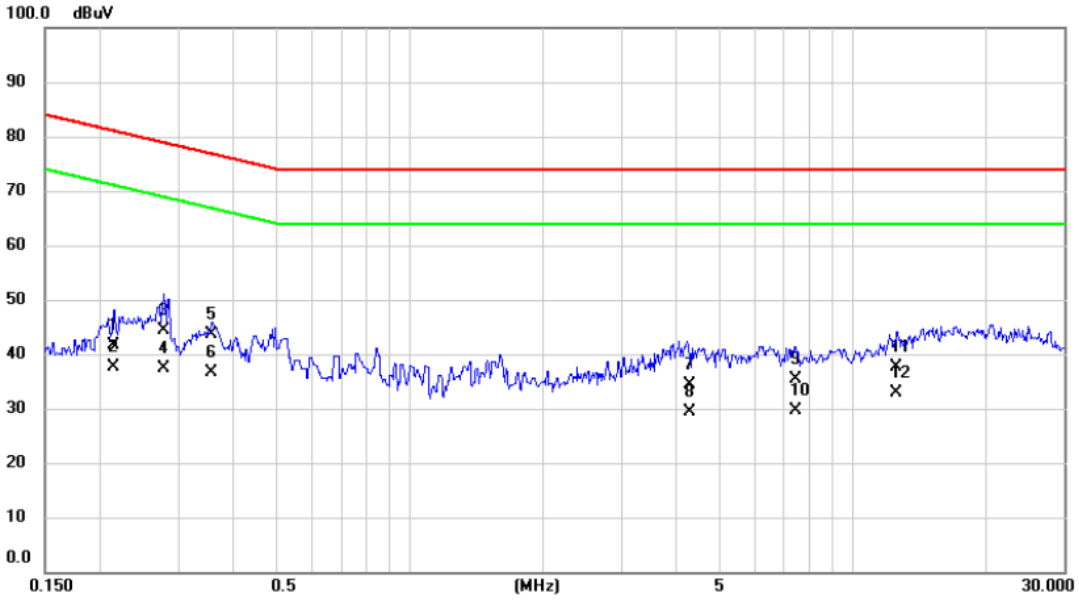
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2792	35.50	10.00	45.50	78.84	-33.34	QP	
2		0.2792	26.40	10.00	36.40	68.84	-32.44	AVG	
3		0.4862	35.60	9.89	45.49	74.23	-28.74	QP	
4		0.4862	26.10	9.89	35.99	64.23	-28.24	AVG	
5		3.9651	27.60	9.98	37.58	74.00	-36.42	QP	
6		3.9651	25.10	9.98	35.08	64.00	-28.92	AVG	
7		13.3300	38.70	10.22	48.92	74.00	-25.08	QP	
8		13.3300	35.10	10.22	45.32	64.00	-18.68	AVG	
9		16.2800	40.10	10.29	50.39	74.00	-23.61	QP	
10	*	16.2800	38.10	10.29	48.39	64.00	-15.61	AVG	
11		18.2400	40.10	10.33	50.43	74.00	-23.57	QP	
12		18.2400	36.90	10.33	47.23	64.00	-16.77	AVG	

Test Mode:	UNII-2C/ TX A Mode 5700MHz

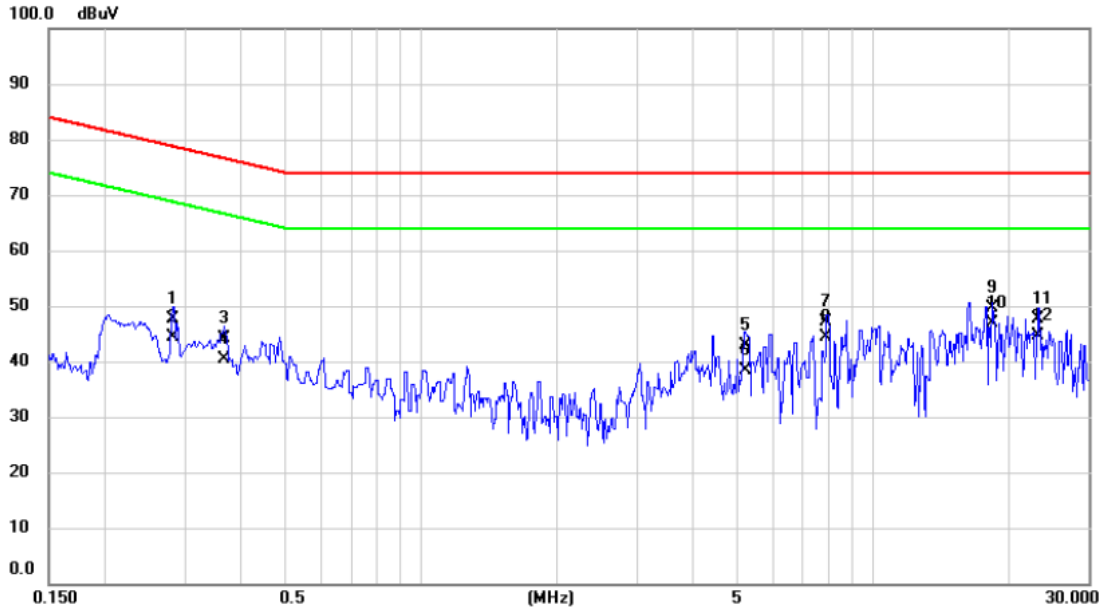
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2140	31.80	9.94	41.74	81.05	-39.31	QP	
2		0.2140	27.60	9.94	37.54	71.05	-33.51	AVG	
3		0.2780	34.50	9.99	44.49	78.88	-34.39	QP	
4		0.2780	27.30	9.99	37.29	68.88	-31.59	AVG	
5		0.3561	33.80	9.95	43.75	76.82	-33.07	QP	
6	*	0.3561	26.70	9.95	36.65	66.82	-30.17	AVG	
7		4.2760	24.30	9.99	34.29	74.00	-39.71	QP	
8		4.2760	19.30	9.99	29.29	64.00	-34.71	AVG	
9		7.4590	25.30	10.07	35.37	74.00	-38.63	QP	
10		7.4590	19.60	10.07	29.67	64.00	-34.33	AVG	
11		12.5710	27.50	10.21	37.71	74.00	-36.29	QP	
12		12.5710	22.60	10.21	32.81	64.00	-31.19	AVG	

Test Mode:	UNII-2C/ TX A Mode 5700MHz

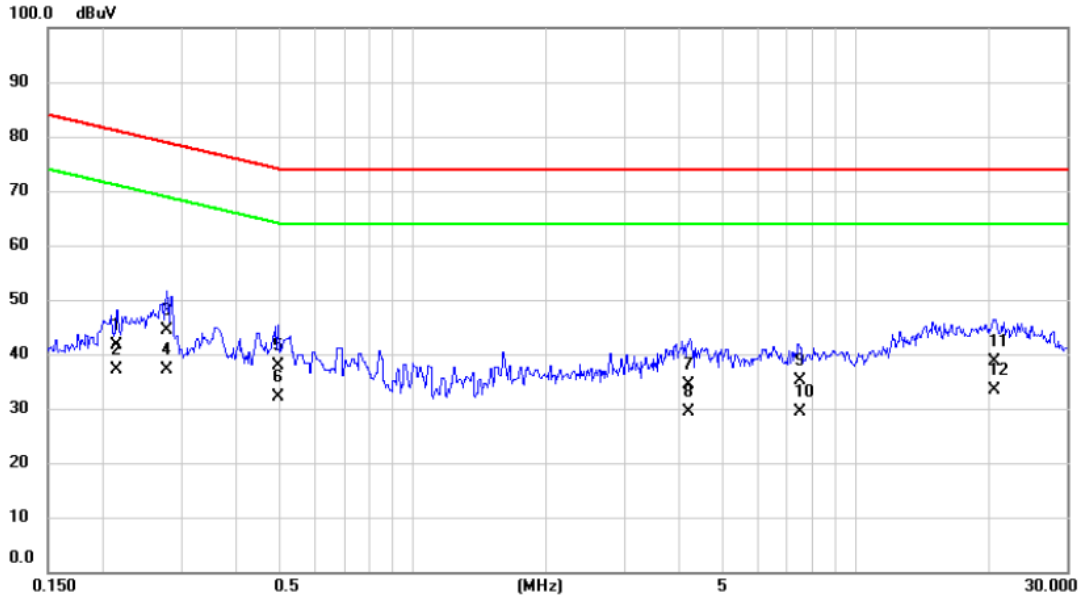
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2832	37.60	10.00	47.60	78.72	-31.12	QP	
2		0.2832	34.40	10.00	44.40	68.72	-24.32	AVG	
3		0.3654	34.20	9.94	44.14	76.60	-32.46	QP	
4		0.3654	30.40	9.94	40.34	66.60	-26.26	AVG	
5		5.2397	32.90	10.01	42.91	74.00	-31.09	QP	
6		5.2397	28.40	10.01	38.41	64.00	-25.59	AVG	
7		7.8826	37.10	10.00	47.10	74.00	-26.90	QP	
8		7.8826	34.30	10.00	44.30	64.00	-19.70	AVG	
9		18.4164	39.20	10.33	49.53	74.00	-24.47	QP	
10	*	18.4164	36.50	10.33	46.83	64.00	-17.17	AVG	
11		23.2574	37.20	10.43	47.63	74.00	-26.37	QP	
12		23.2574	34.30	10.43	44.73	64.00	-19.27	AVG	

Test Mode:	UNII-3/ TX N20 Mode 5745MHz

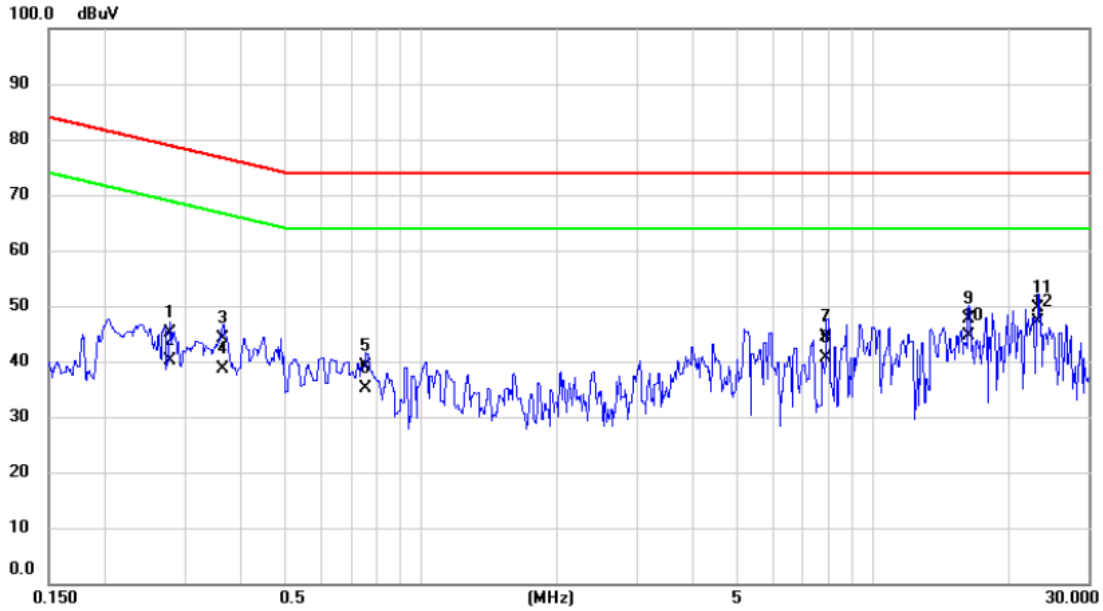
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2148	31.70	9.94	41.64	81.02	-39.38	QP	
2		0.2148	27.30	9.94	37.24	71.02	-33.78	AVG	
3		0.2785	34.50	9.99	44.49	78.86	-34.37	QP	
4		0.2785	27.20	9.99	37.19	68.86	-31.67	AVG	
5		0.4970	28.10	9.89	37.99	74.05	-36.06	QP	
6		0.4970	22.30	9.89	32.19	64.05	-31.86	AVG	
7		4.2000	24.50	9.99	34.49	74.00	-39.51	QP	
8		4.2000	19.30	9.99	29.29	64.00	-34.71	AVG	
9		7.4600	25.10	10.07	35.17	74.00	-38.83	QP	
10		7.4600	19.30	10.07	29.37	64.00	-34.63	AVG	
11		20.6000	28.30	10.37	38.67	74.00	-35.33	QP	
12	*	20.6000	22.90	10.37	33.27	64.00	-30.73	AVG	

Test Mode:	UNII-3/ TX N20 Mode 5745MHz

Neutral

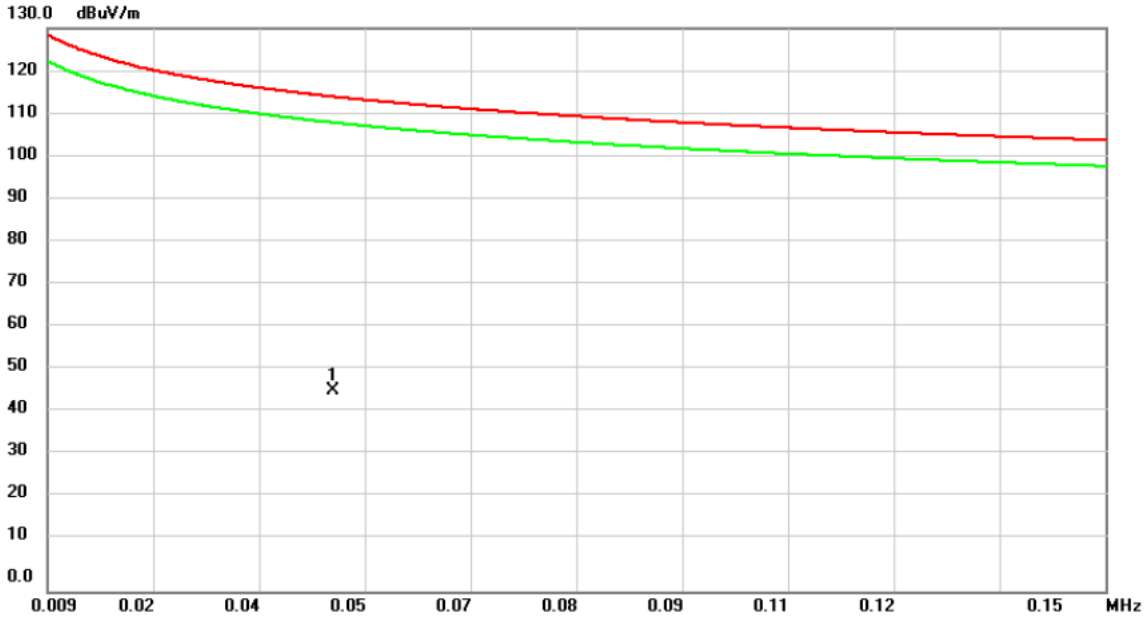


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2790	35.11	10.00	45.11	78.85	-33.74	QP	
2		0.2790	30.19	10.00	40.19	68.85	-28.66	AVG	
3		0.3636	34.28	9.95	44.23	76.65	-32.42	QP	
4		0.3636	28.67	9.95	38.62	66.65	-28.03	AVG	
5		0.7560	29.31	9.89	39.20	74.00	-34.80	QP	
6		0.7560	25.13	9.89	35.02	64.00	-28.98	AVG	
7		7.8826	34.32	10.00	44.32	74.00	-29.68	QP	
8		7.8826	30.62	10.00	40.62	64.00	-23.38	AVG	
9		16.3018	37.23	10.29	47.52	74.00	-26.48	QP	
10		16.3018	34.22	10.29	44.51	64.00	-19.49	AVG	
11		23.2574	39.24	10.43	49.67	74.00	-24.33	QP	
12	*	23.2574	36.68	10.43	47.11	64.00	-16.89	AVG	

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

Test Mode:	UNII-1/TX Mode

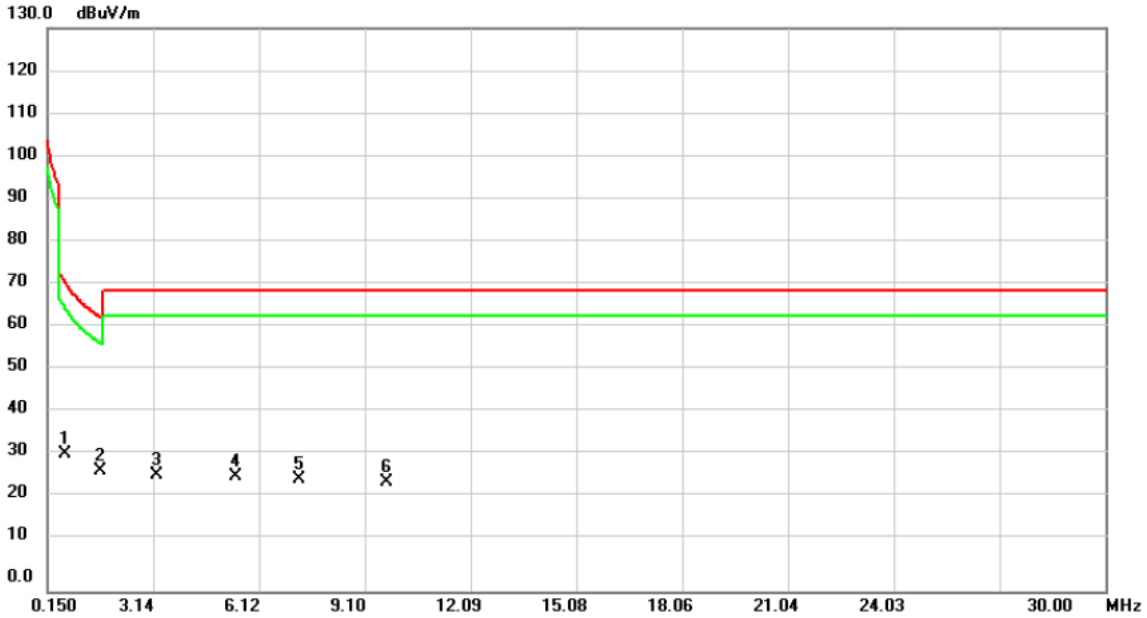
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0471	23.37	23.00	46.37	114.14	-67.77	peak	

Test Mode:	UNII-1/TX Mode

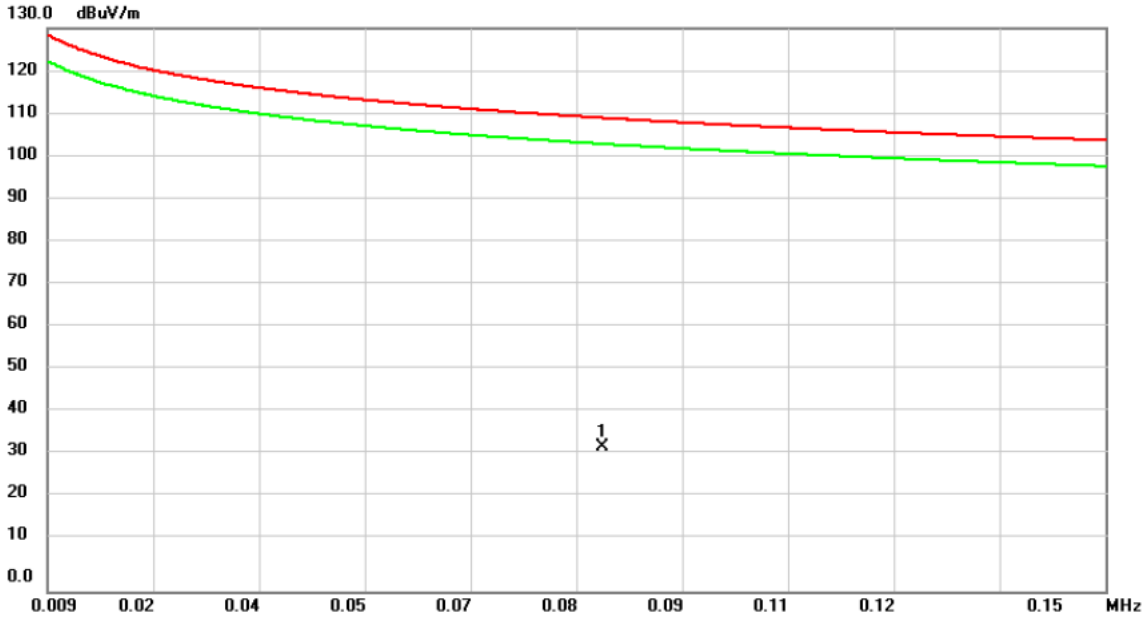
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.6276	29.32	2.25	31.57	71.65	-40.08	peak	
2	*	1.6425	29.68	-2.01	27.67	63.29	-35.62	peak	
3		3.2244	30.36	-3.69	26.67	69.54	-42.87	peak	
4		5.4633	30.50	-3.97	26.53	69.54	-43.01	peak	
5		7.2541	30.10	-4.18	25.92	69.54	-43.62	peak	
6		9.7317	29.85	-4.71	25.14	69.54	-44.40	peak	

Test Mode:	UNII-1/TX Mode

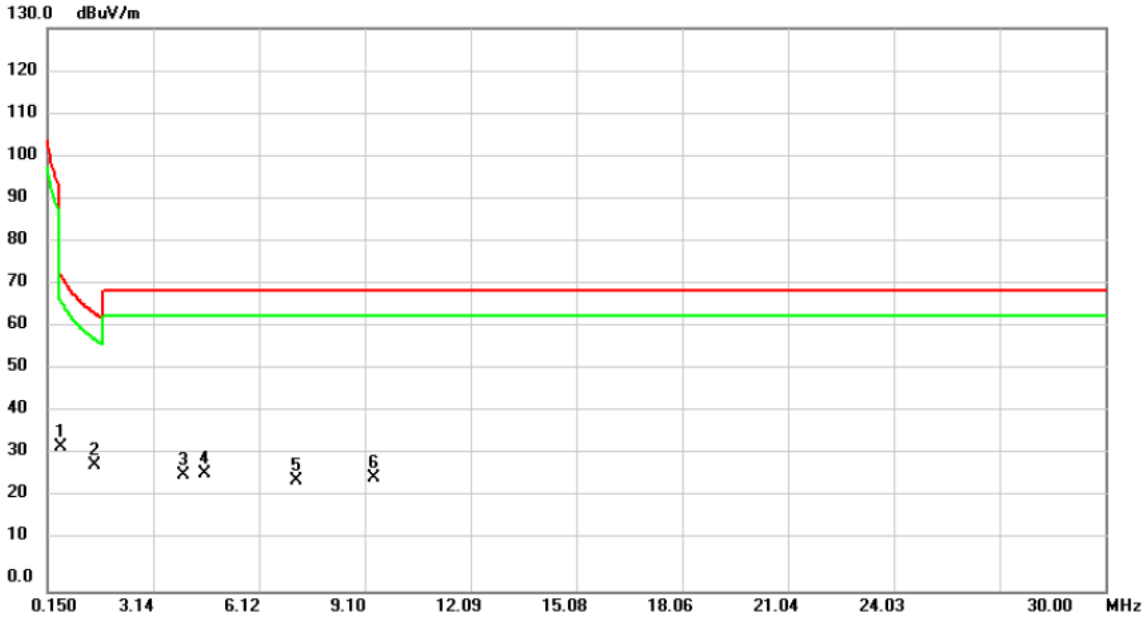
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0830	15.47	17.94	33.41	109.22	-75.81	peak	

Test Mode:	UNII-1/TX Mode

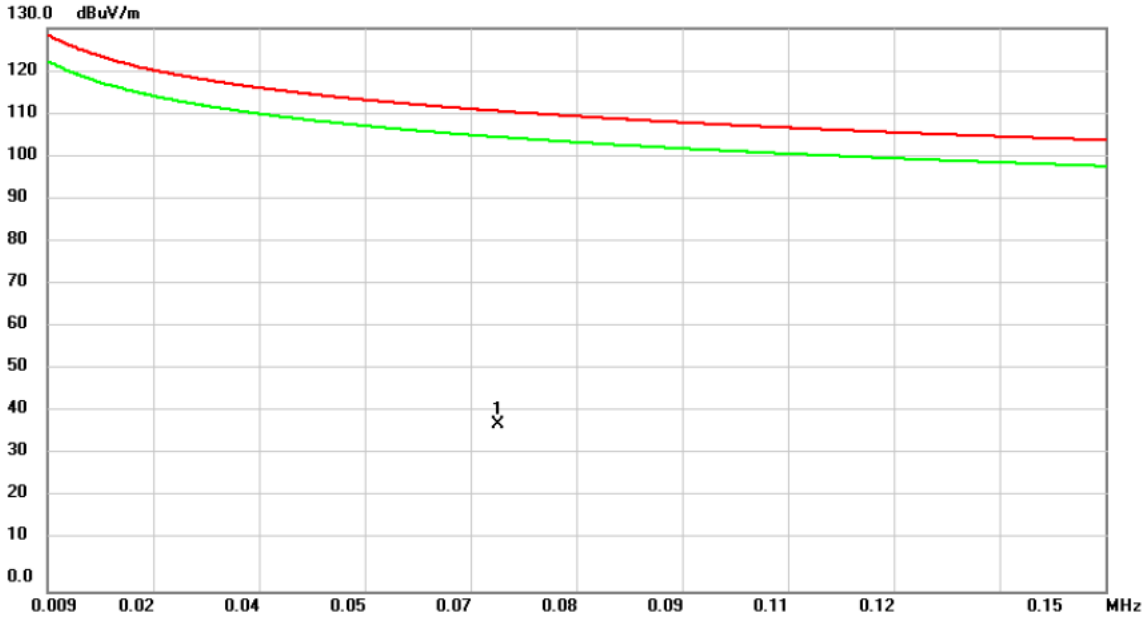
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.5381	30.25	3.16	33.41	72.99	-39.58	peak	
2	*	1.4932	30.69	-1.62	29.07	64.12	-35.05	peak	
3		3.9708	30.48	-3.79	26.69	69.54	-42.85	peak	
4		4.5975	30.96	-3.88	27.08	69.54	-42.46	peak	
5		7.1646	29.83	-4.16	25.67	69.54	-43.87	peak	
6		9.3734	30.95	-4.71	26.24	69.54	-43.30	peak	

Test Mode:	UNII-2A/TX Mode

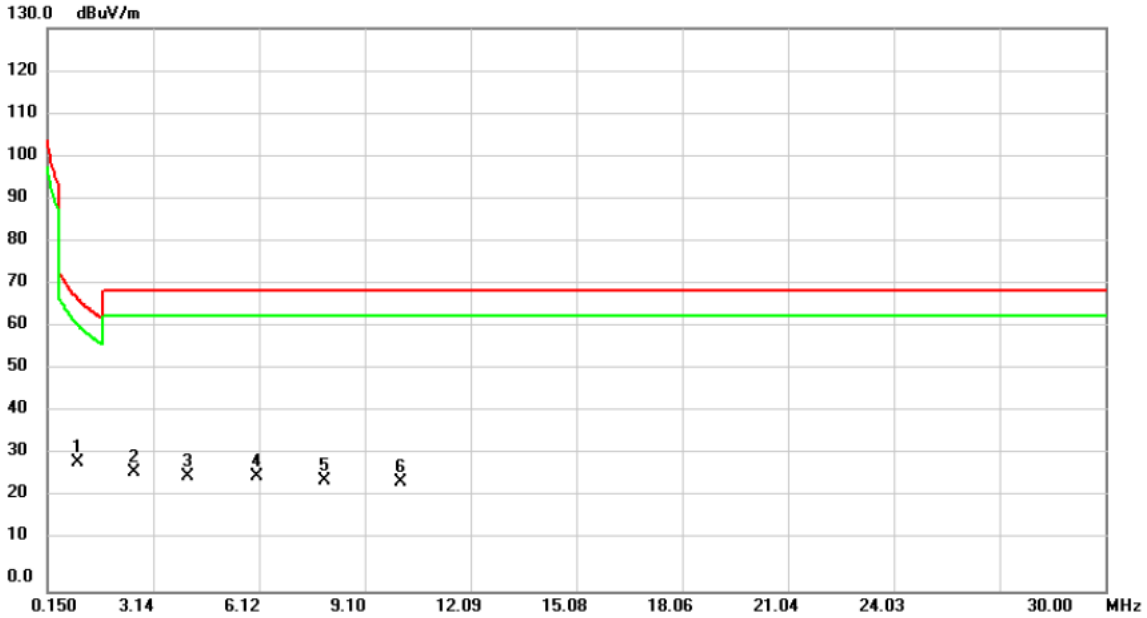
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0690	19.11	19.45	38.56	110.83	-72.27	peak	

Test Mode:	UNII-2A/TX Mode

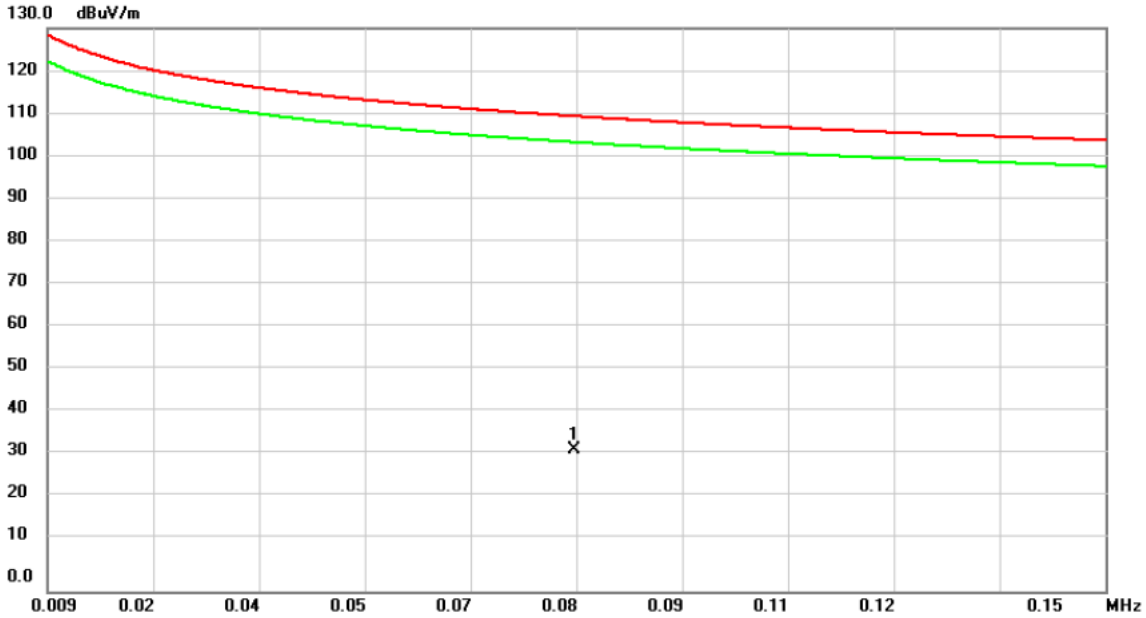
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.9858	29.89	-0.29	29.60	67.73	-38.13	peak	
2		2.5977	30.70	-3.37	27.33	69.54	-42.21	peak	
3		4.1200	30.27	-3.81	26.46	69.54	-43.08	peak	
4		6.0602	30.43	-4.03	26.40	69.54	-43.14	peak	
5		7.9706	29.71	-4.32	25.39	69.54	-44.15	peak	
6		10.1196	29.86	-4.72	25.14	69.54	-44.40	peak	

Test Mode:	UNII-2A/TX Mode

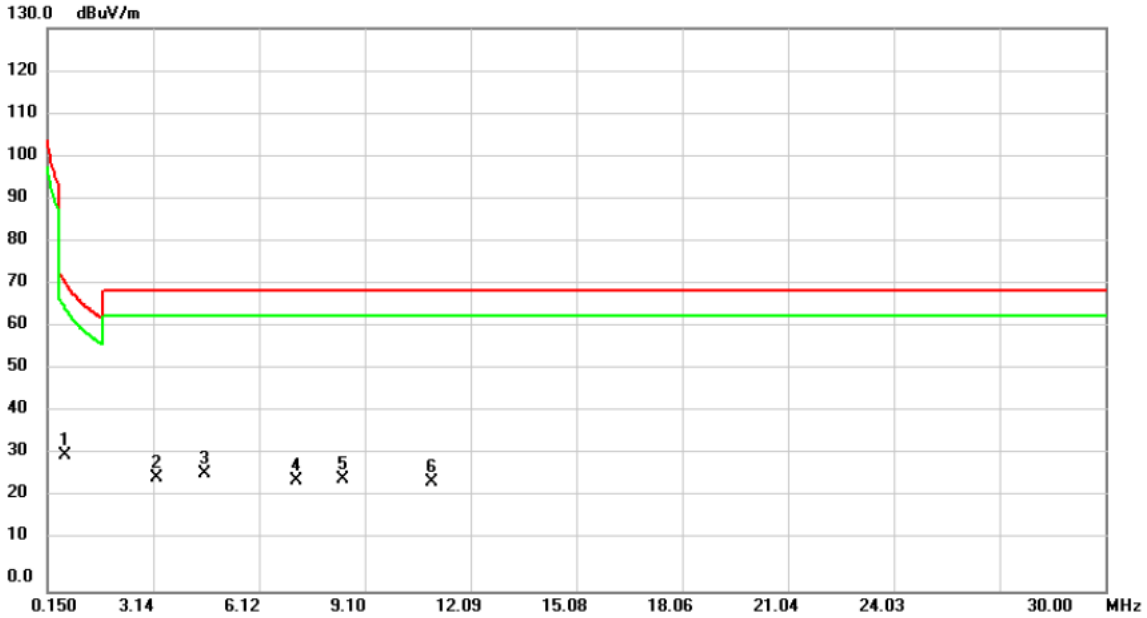
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0792	14.32	18.29	32.61	109.63	-77.02	peak	

Test Mode:	UNII-2A/TX Mode

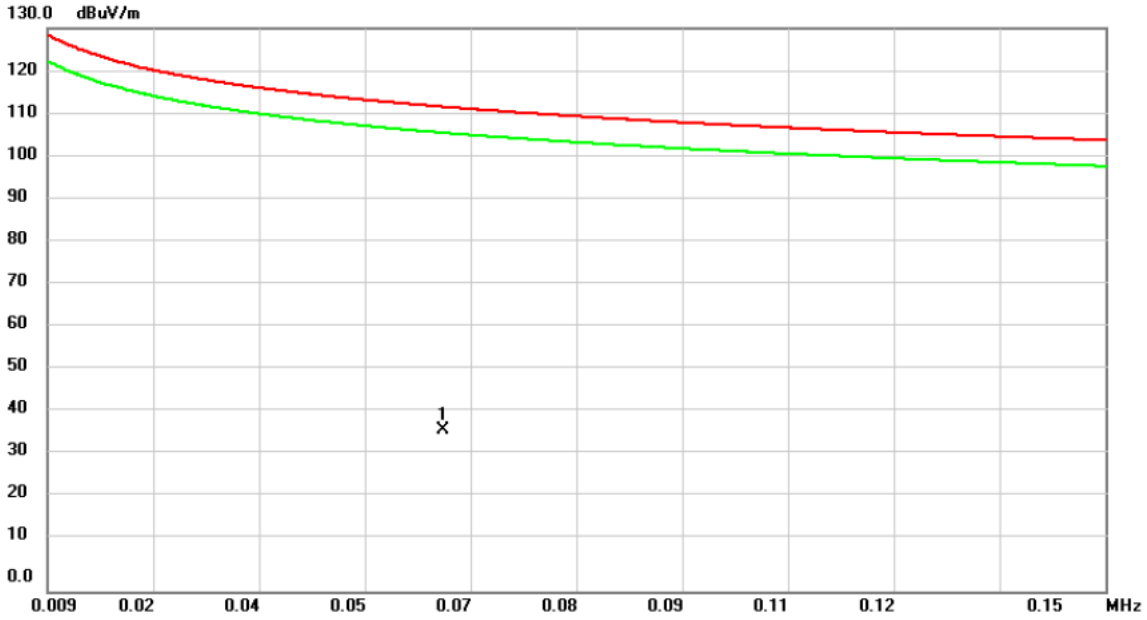
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.6572	29.47	1.88	31.35	71.25	-39.90	peak	
2		3.2543	29.88	-3.70	26.18	69.54	-43.36	peak	
3		4.5975	30.96	-3.88	27.08	69.54	-42.46	peak	
4		7.1646	29.83	-4.16	25.67	69.54	-43.87	peak	
5		8.5080	30.21	-4.52	25.69	69.54	-43.85	peak	
6		10.9855	29.89	-4.81	25.08	69.54	-44.46	peak	

Test Mode:	UNII-2C/TX Mode

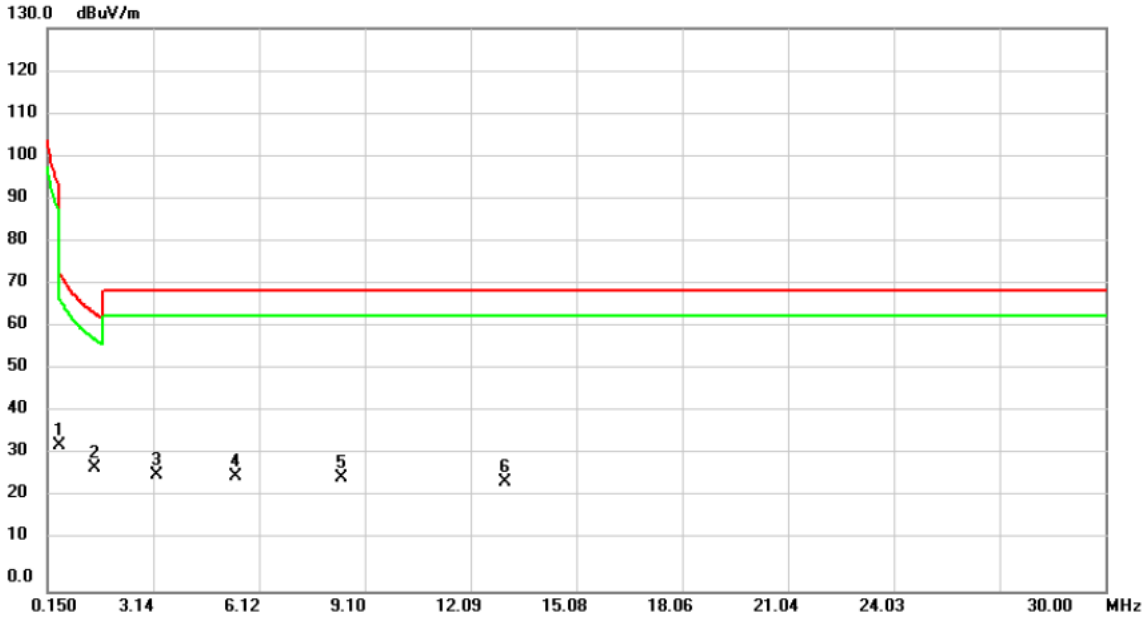
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0618	16.71	20.59	37.30	111.78	-74.48	peak	

Test Mode:	UNII-2C/TX Mode

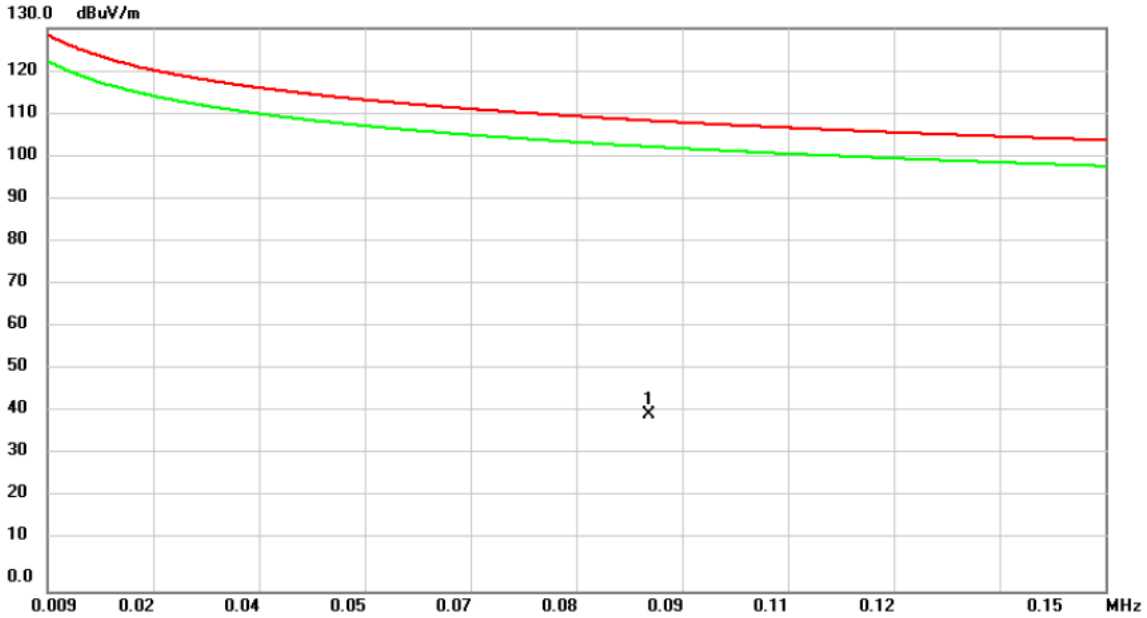
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.5080	30.05	3.43	33.48	73.49	-40.01	peak	
2	*	1.4932	30.10	-1.62	28.48	64.12	-35.64	peak	
3		3.2244	30.36	-3.69	26.67	69.54	-42.87	peak	
4		5.4633	30.50	-3.97	26.53	69.54	-43.01	peak	
5		8.4481	30.56	-4.49	26.07	69.54	-43.47	peak	
6		13.0750	29.96	-4.82	25.14	69.54	-44.40	peak	

Test Mode:	UNII-2C/TX Mode

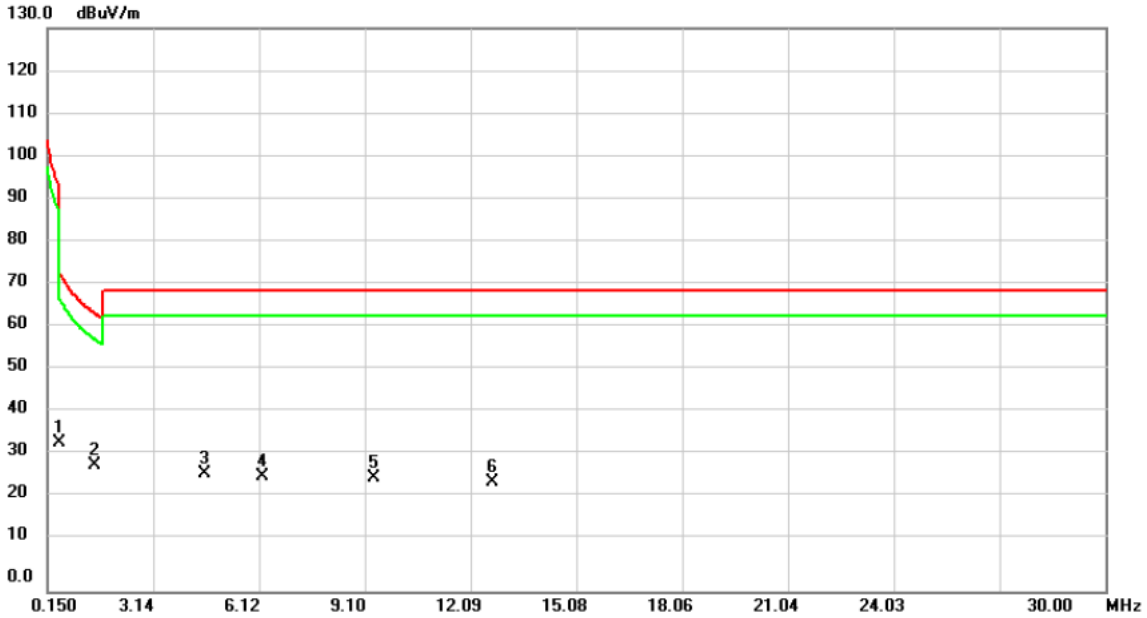
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0892	23.45	17.39	40.84	108.60	-67.76	peak	

Test Mode:	UNII-2C/TX Mode

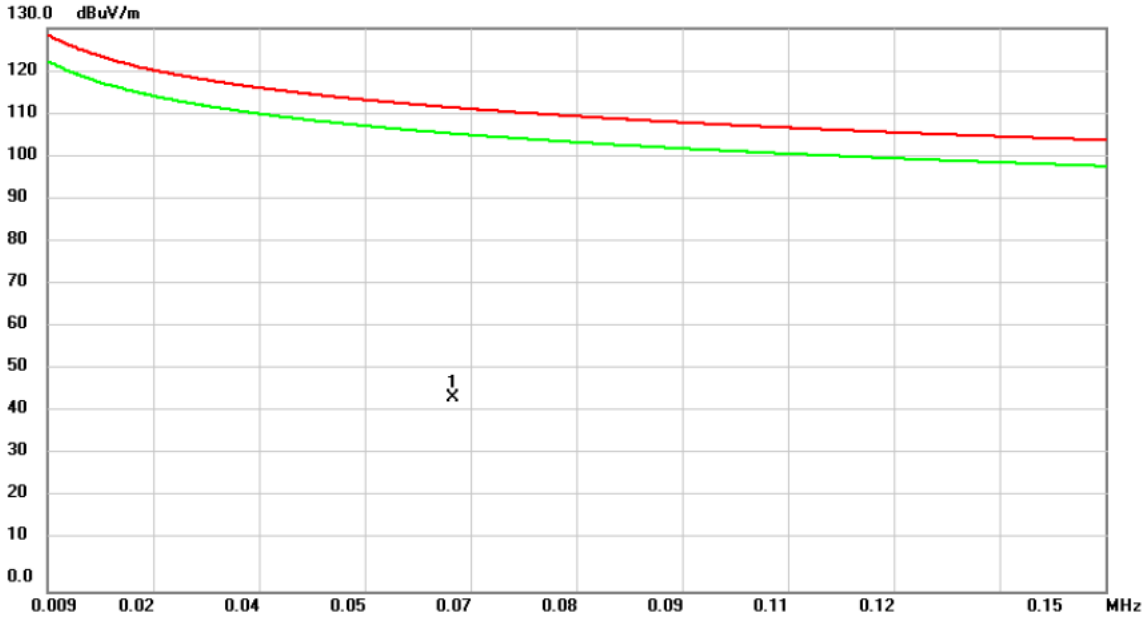
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.5080	30.86	3.43	34.29	73.49	-39.20	peak	
2	*	1.4932	30.69	-1.62	29.07	64.12	-35.05	peak	
3		4.5975	30.96	-3.88	27.08	69.54	-42.46	peak	
4		6.2393	30.54	-4.05	26.49	69.54	-43.05	peak	
5		9.3734	30.95	-4.71	26.24	69.54	-43.30	peak	
6		12.6870	30.13	-4.82	25.31	69.54	-44.23	peak	

Test Mode:	UNII-3/TX Mode

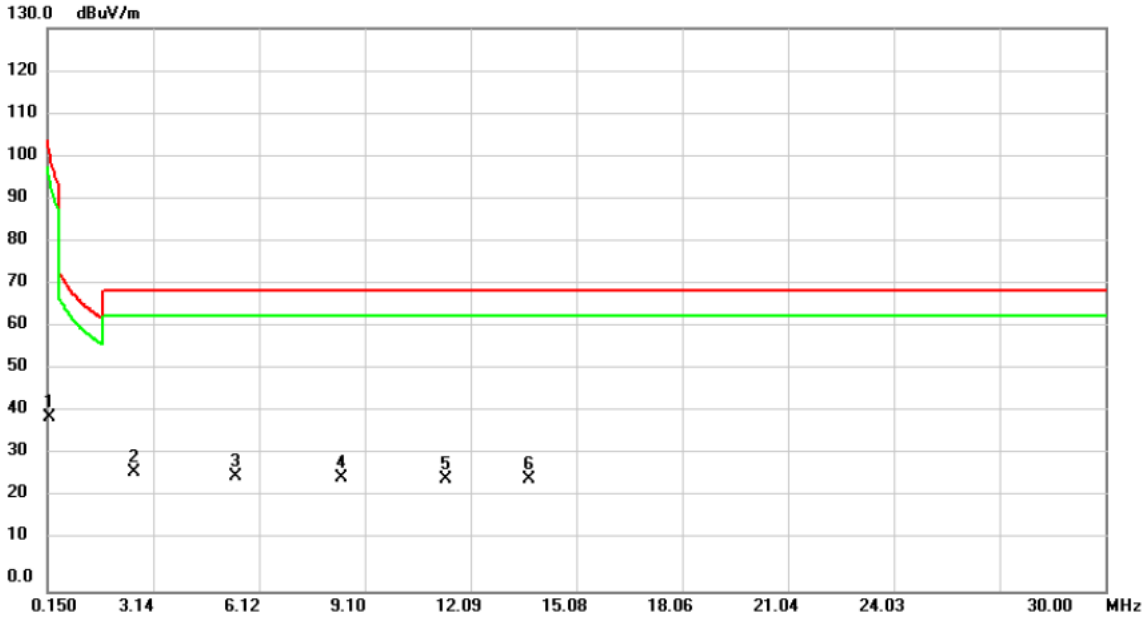
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0630	24.36	20.41	44.77	111.62	-66.85	peak	

Test Mode:	UNII-3/TX Mode

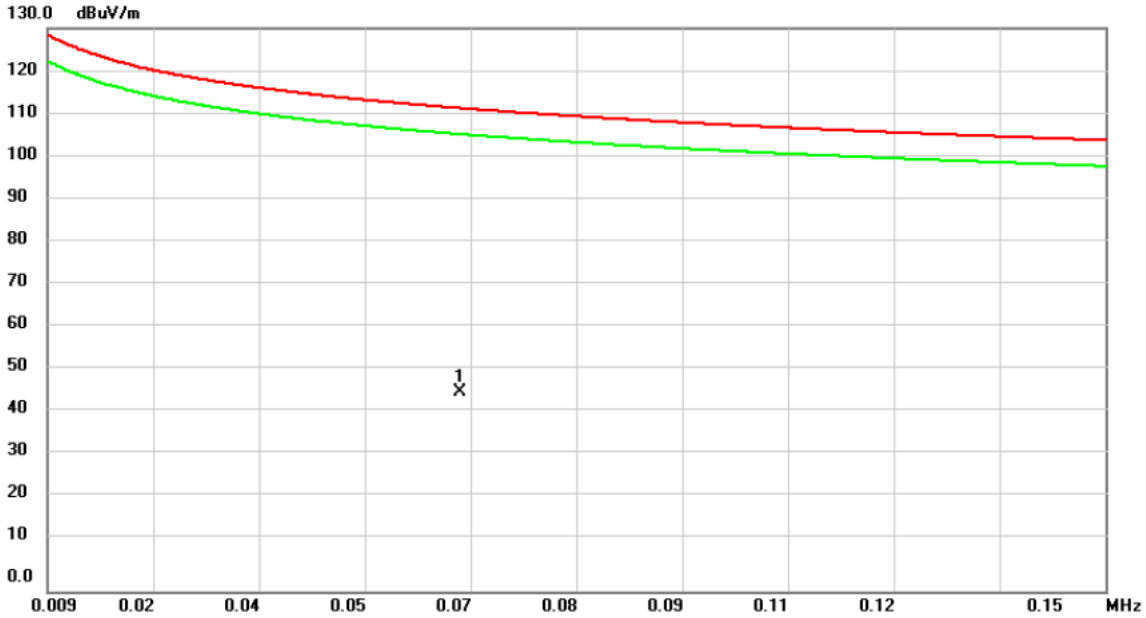
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2096	29.95	10.03	39.98	101.18	-61.20	peak	
2	*	2.5977	30.70	-3.37	27.33	69.54	-42.21	peak	
3		5.4633	30.50	-3.97	26.53	69.54	-43.01	peak	
4		8.4481	30.56	-4.49	26.07	69.54	-43.47	peak	
5		11.4032	30.50	-4.81	25.69	69.54	-43.85	peak	
6		13.7614	30.59	-4.82	25.77	69.54	-43.77	peak	

Test Mode:	UNII-3/TX Mode

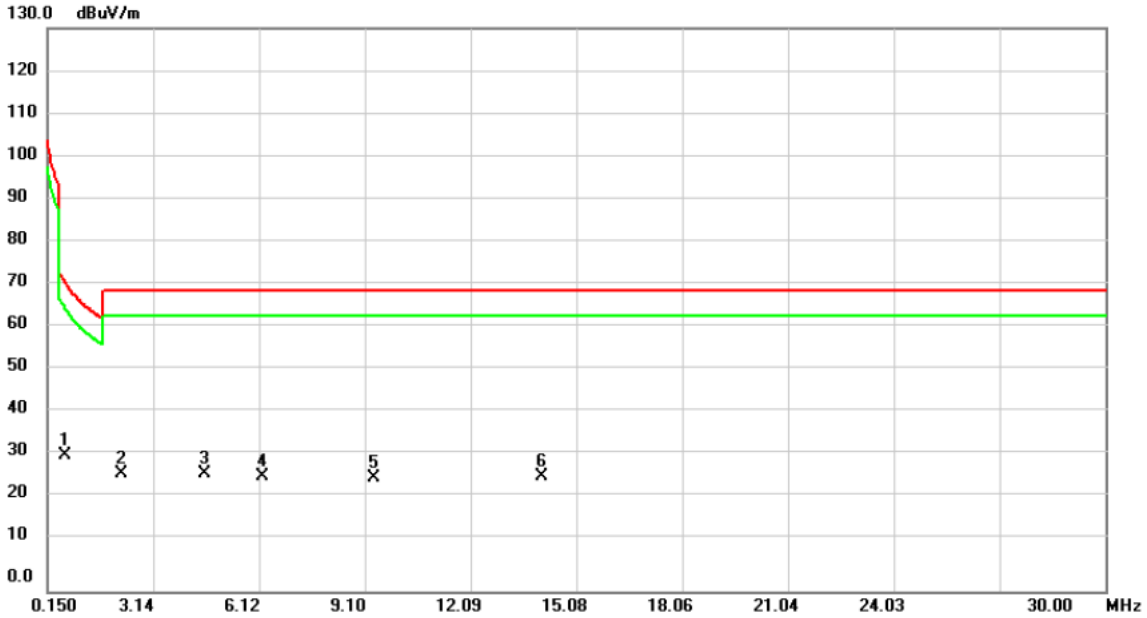
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0640	25.77	20.25	46.02	111.48	-65.46	peak	

Test Mode:	UNII-3/TX Mode

Ant 90°

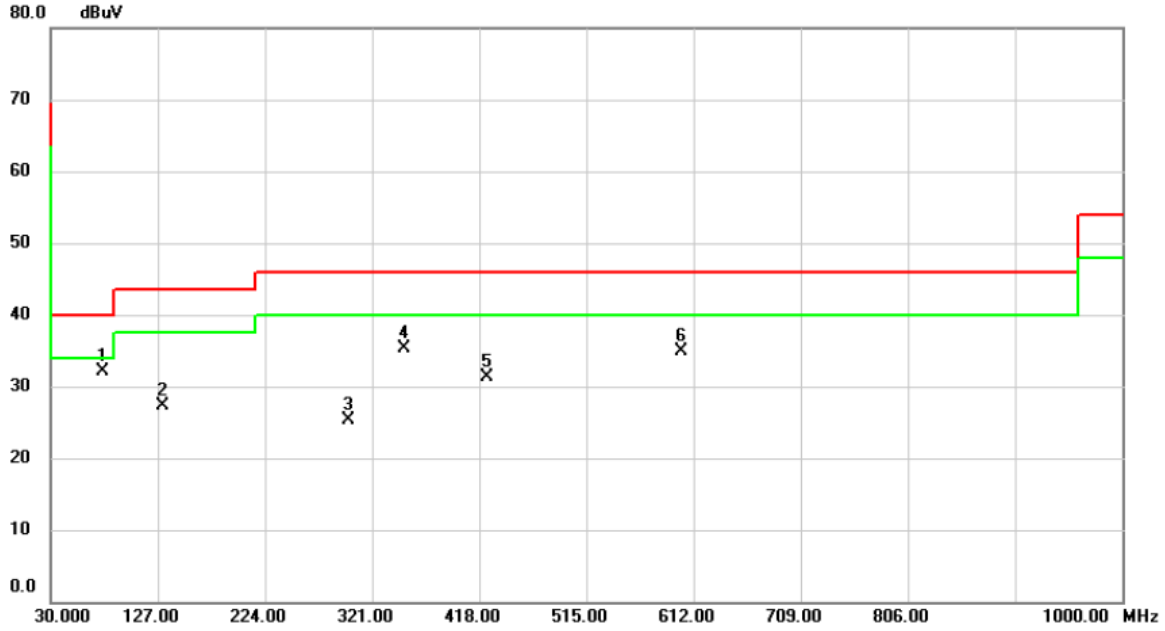


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.6572	29.47	1.88	31.35	71.25	-39.90	peak	
2		2.2395	30.36	-3.11	27.25	69.54	-42.29	peak	
3		4.5975	30.96	-3.88	27.08	69.54	-42.46	peak	
4		6.2393	30.54	-4.05	26.49	69.54	-43.05	peak	
5		9.3734	30.95	-4.71	26.24	69.54	-43.30	peak	
6		14.0900	31.32	-4.84	26.48	69.54	-43.06	peak	

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

Test Mode:	UNII-1/TX Mode

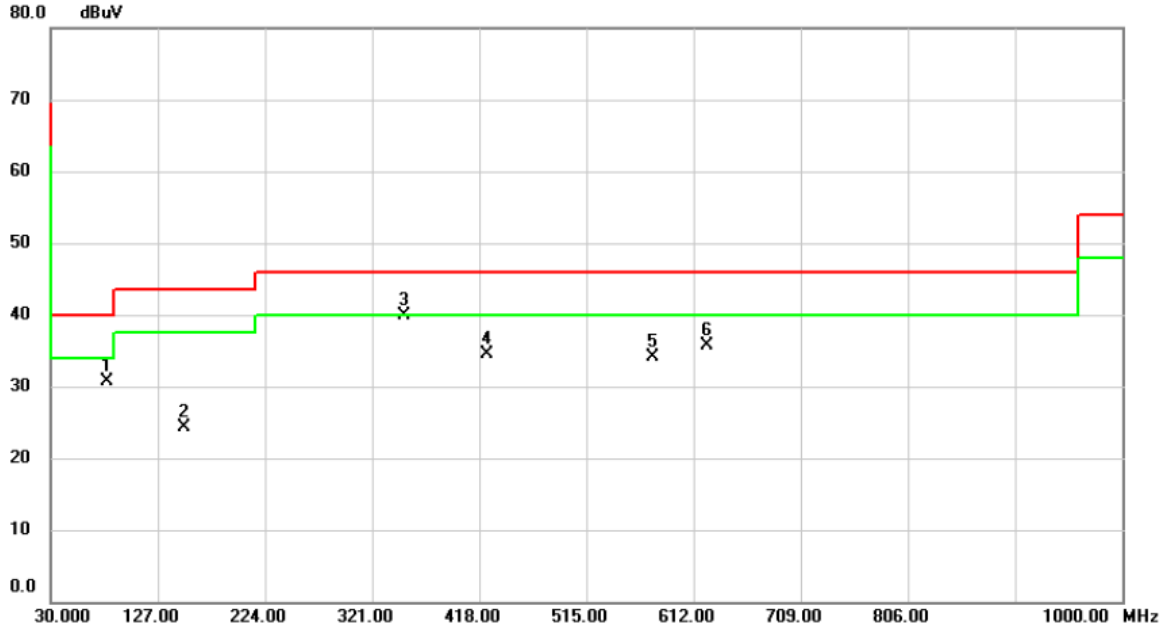
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	76.5600	44.02	-11.89	32.13	40.00	-7.87	peak	
2		130.8800	37.20	-9.81	27.39	43.50	-16.11	peak	
3		299.6600	32.85	-7.52	25.33	46.00	-20.67	peak	
4		350.1000	41.53	-6.20	35.33	46.00	-10.67	peak	
5		424.7900	35.73	-4.44	31.29	46.00	-14.71	peak	
6		600.3600	35.38	-0.41	34.97	46.00	-11.03	peak	

Test Mode:	UNII-1/TX Mode

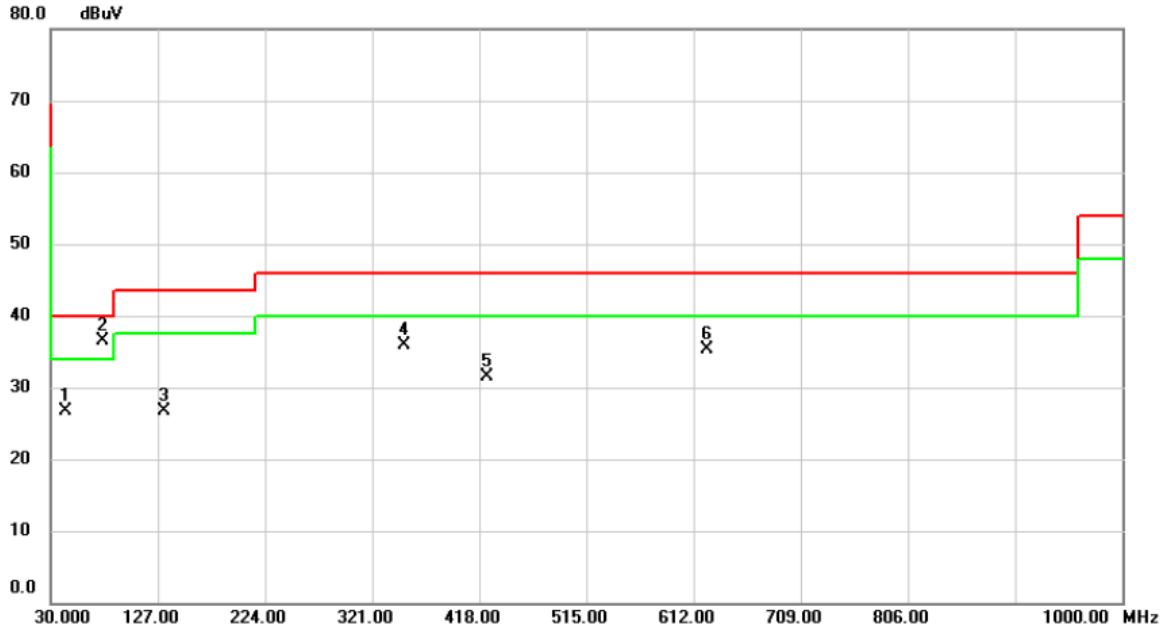
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		80.4400	43.31	-12.58	30.73	40.00	-9.27	peak	
2		150.2800	32.85	-8.62	24.23	43.50	-19.27	peak	
3	*	350.1000	46.11	-6.20	39.91	46.00	-6.09	peak	
4		424.7900	38.95	-4.44	34.51	46.00	-11.49	peak	
5		575.1400	35.41	-1.21	34.20	46.00	-11.80	peak	
6		624.6100	35.85	-0.11	35.74	46.00	-10.26	peak	

Test Mode:	UNII-2A/TX Mode

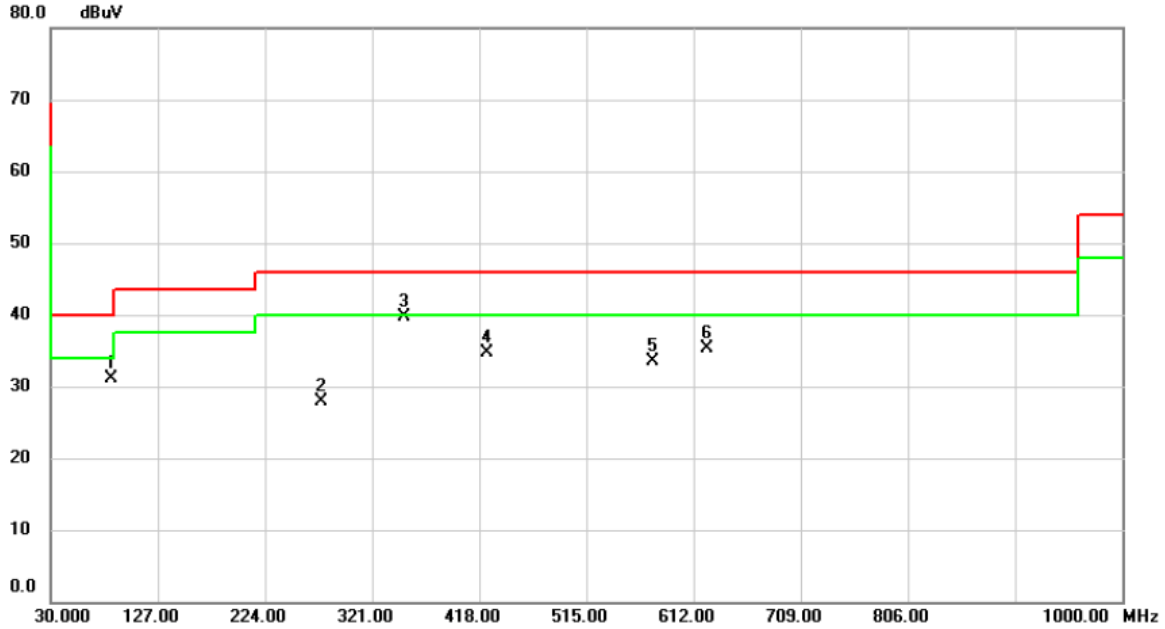
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		43.5800	34.95	-8.32	26.63	40.00	-13.37	peak	
2	*	76.5600	48.42	-11.89	36.53	40.00	-3.47	peak	
3		132.8200	36.41	-9.61	26.80	43.50	-16.70	peak	
4		350.1000	42.13	-6.20	35.93	46.00	-10.07	peak	
5		424.7900	35.94	-4.44	31.50	46.00	-14.50	peak	
6		624.6100	35.40	-0.11	35.29	46.00	-10.71	peak	

Test Mode:	UNII-2A/TX Mode

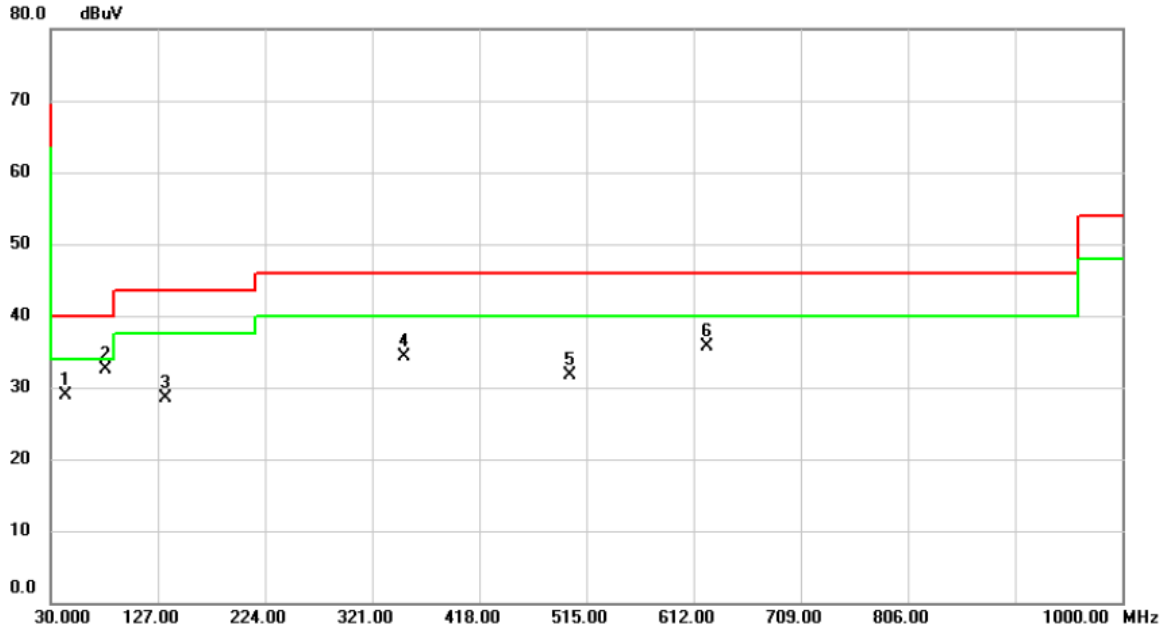
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		85.2900	44.37	-13.21	31.16	40.00	-8.84	peak	
2		275.4100	35.72	-7.90	27.82	46.00	-18.18	peak	
3	*	350.1000	45.88	-6.20	39.68	46.00	-6.32	peak	
4		424.7900	39.14	-4.44	34.70	46.00	-11.30	peak	
5		575.1400	34.73	-1.21	33.52	46.00	-12.48	peak	
6		624.6100	35.32	-0.11	35.21	46.00	-10.79	peak	

Test Mode:	UNII-2C/TX Mode

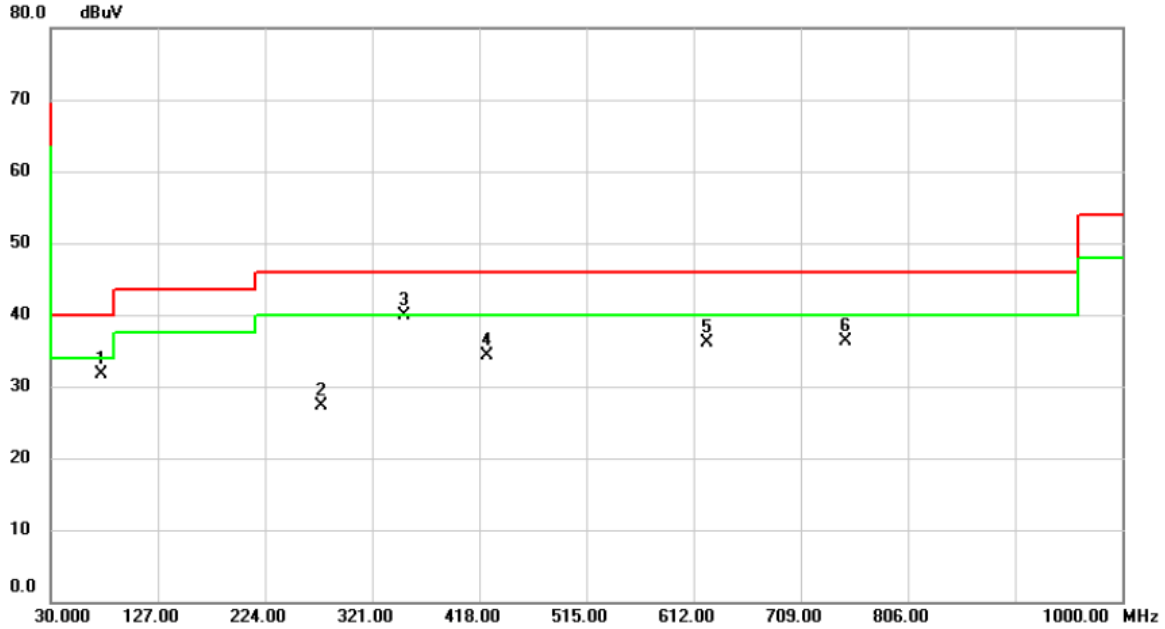
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		43.5800	37.13	-8.32	28.81	40.00	-11.19	peak	
2	*	79.4700	44.91	-12.42	32.49	40.00	-7.51	peak	
3		133.7900	38.02	-9.50	28.52	43.50	-14.98	peak	
4		350.1000	40.58	-6.20	34.38	46.00	-11.62	peak	
5		500.4500	34.59	-2.91	31.68	46.00	-14.32	peak	
6		624.6100	35.88	-0.11	35.77	46.00	-10.23	peak	

Test Mode:	UNII-2C/TX Mode

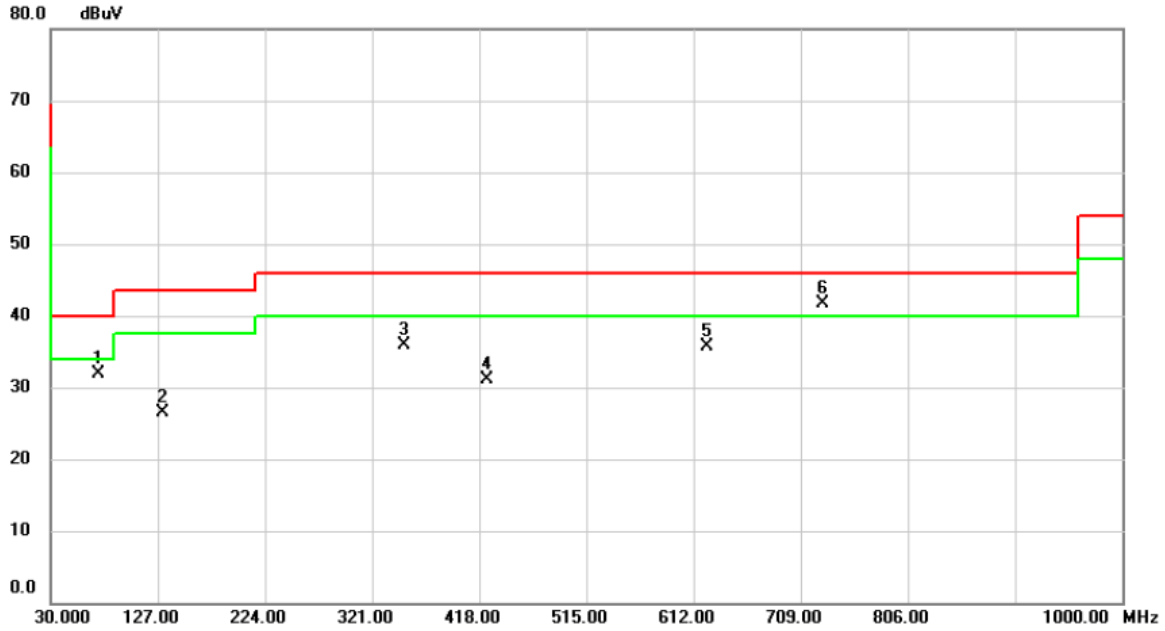
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		75.5900	43.45	-11.72	31.73	40.00	-8.27	peak	
2		275.4100	35.18	-7.90	27.28	46.00	-18.72	peak	
3	*	350.1000	46.13	-6.20	39.93	46.00	-6.07	peak	
4		424.7900	38.69	-4.44	34.25	46.00	-11.75	peak	
5		624.6100	36.31	-0.11	36.20	46.00	-9.80	peak	
6		749.7400	34.02	2.31	36.33	46.00	-9.67	peak	

Test Mode:	UNII-3/TX Mode

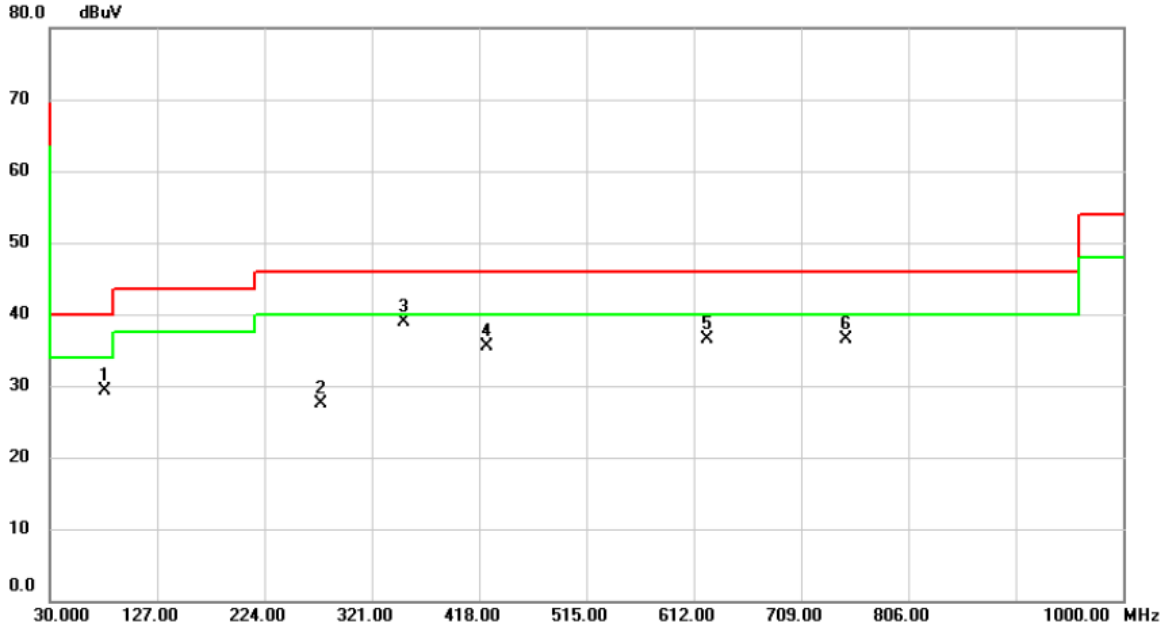
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		73.6500	43.23	-11.37	31.86	40.00	-8.14	peak	
2		131.8500	36.20	-9.72	26.48	43.50	-17.02	peak	
3		350.1000	42.02	-6.20	35.82	46.00	-10.18	peak	
4		424.7900	35.45	-4.44	31.01	46.00	-14.99	peak	
5		624.6100	35.90	-0.11	35.79	46.00	-10.21	peak	
6	*	729.3700	39.78	1.90	41.68	46.00	-4.32	peak	

Test Mode:	UNII-3/TX Mode

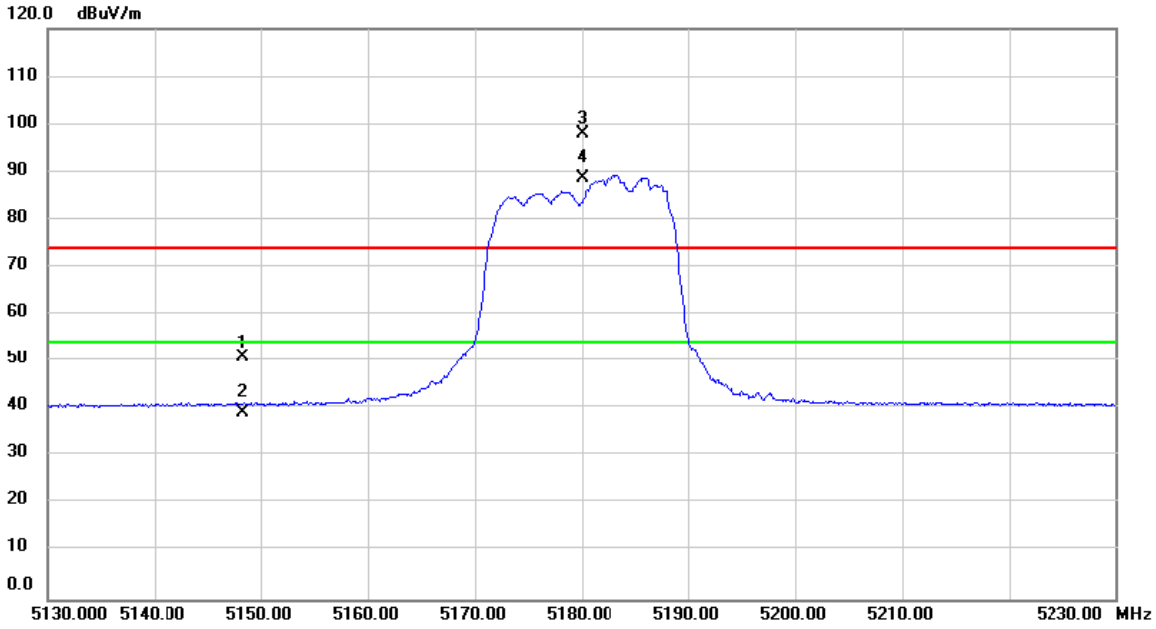
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		79.4700	41.71	-12.42	29.29	40.00	-10.71	peak	
2		275.4100	35.33	-7.90	27.43	46.00	-18.57	peak	
3	*	350.1000	45.12	-6.20	38.92	46.00	-7.08	peak	
4		424.7900	39.89	-4.44	35.45	46.00	-10.55	peak	
5		624.6100	36.52	-0.11	36.41	46.00	-9.59	peak	
6		749.7400	34.24	2.31	36.55	46.00	-9.45	peak	

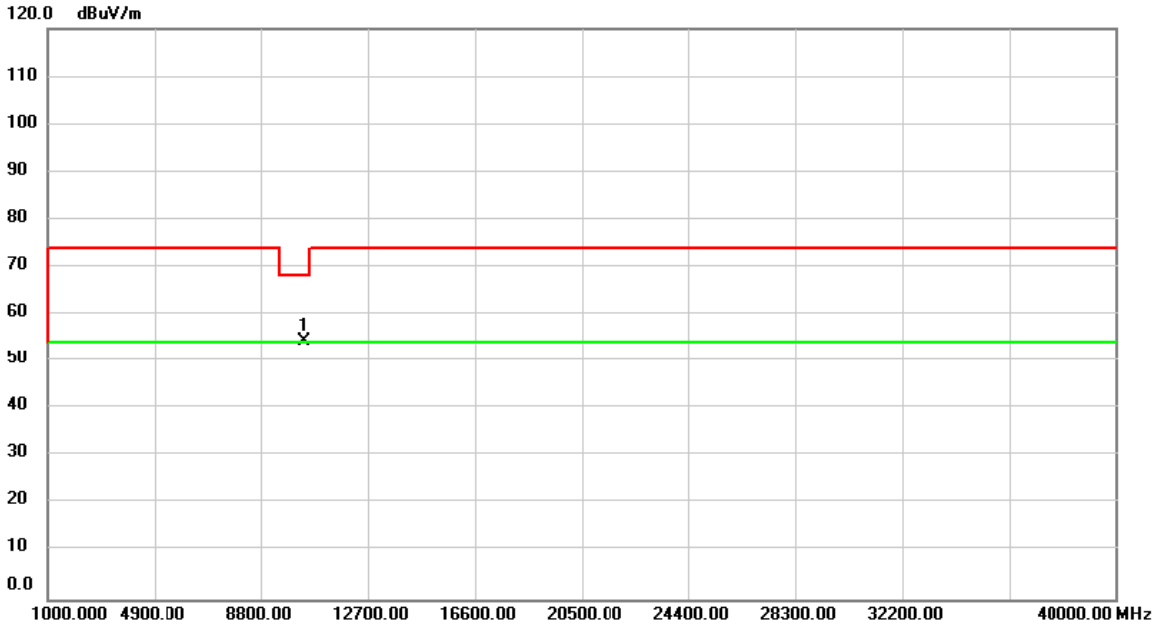
APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

Test Mode	UNII-1/ TX A Mode 5180MHz	Polarization	Vertical



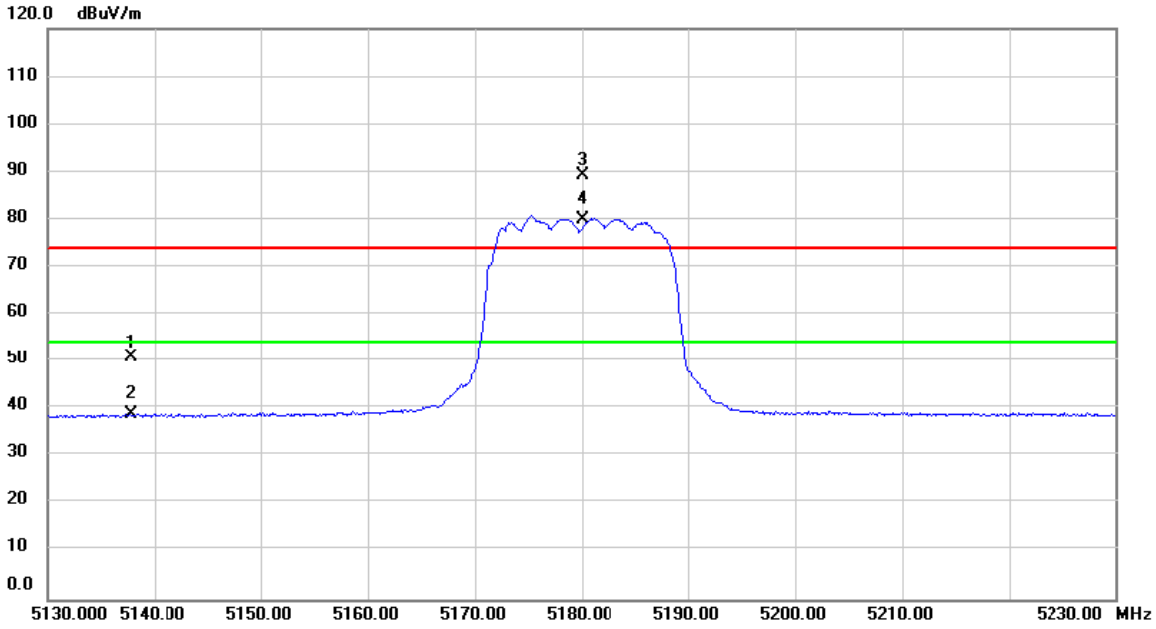
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5148.340	13.49	37.49	50.98	74.00	-23.02	peak	
2		5148.340	1.78	37.49	39.27	54.00	-14.73	AVG	
3	X	5180.000	60.35	37.55	97.90	74.00	23.90	peak	No Limit
4	*	5180.000	51.02	37.55	88.57	54.00	34.57	AVG	No Limit

Test Mode	UNII-1/ TX A Mode 5180MHz	Polarization	Vertical



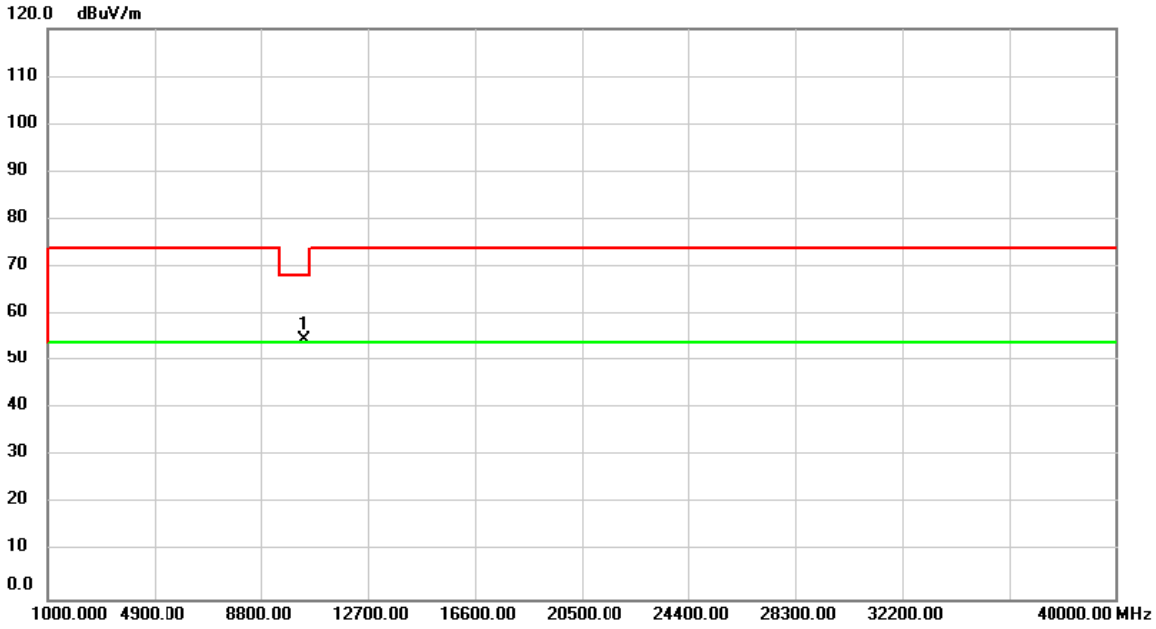
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	53.16	1.25	54.41	68.20	-13.79	peak	

Test Mode	UNII-1/ TX A Mode 5180MHz	Polarization	Horizontal



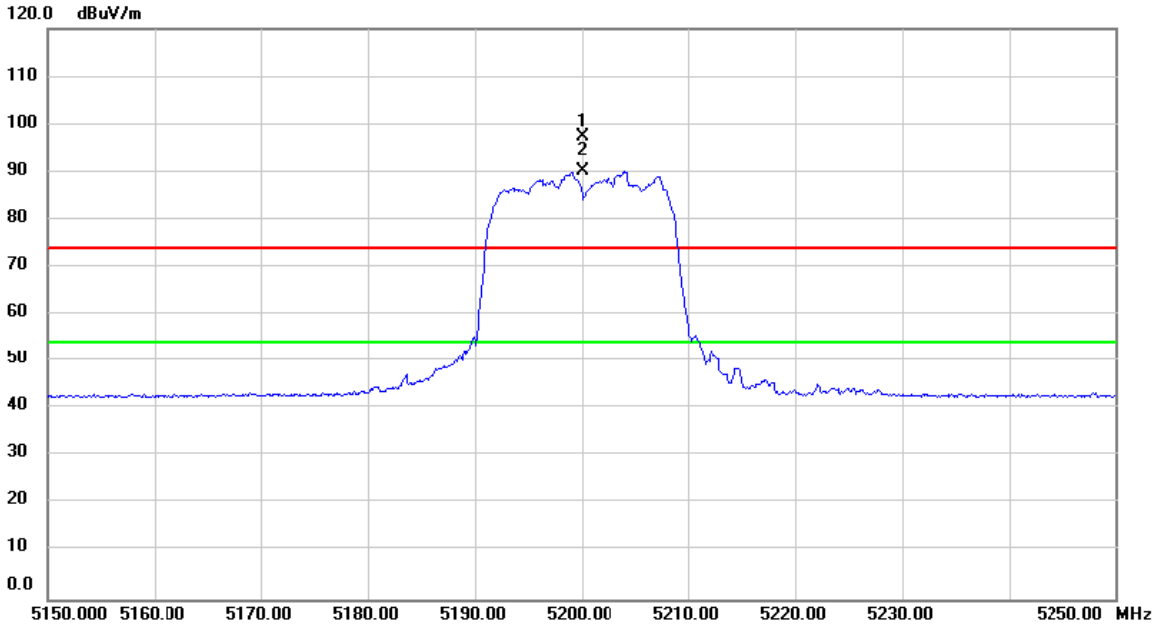
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5137.840	13.40	37.48	50.88	74.00	-23.12	peak	
2		5137.840	1.40	37.48	38.88	54.00	-15.12	AVG	
3	X	5180.000	51.70	37.55	89.25	74.00	15.25	peak	No Limit
4	*	5180.000	42.55	37.55	80.10	54.00	26.10	AVG	No Limit

Test Mode	UNII-1/ TX A Mode 5180MHz	Polarization	Horizontal



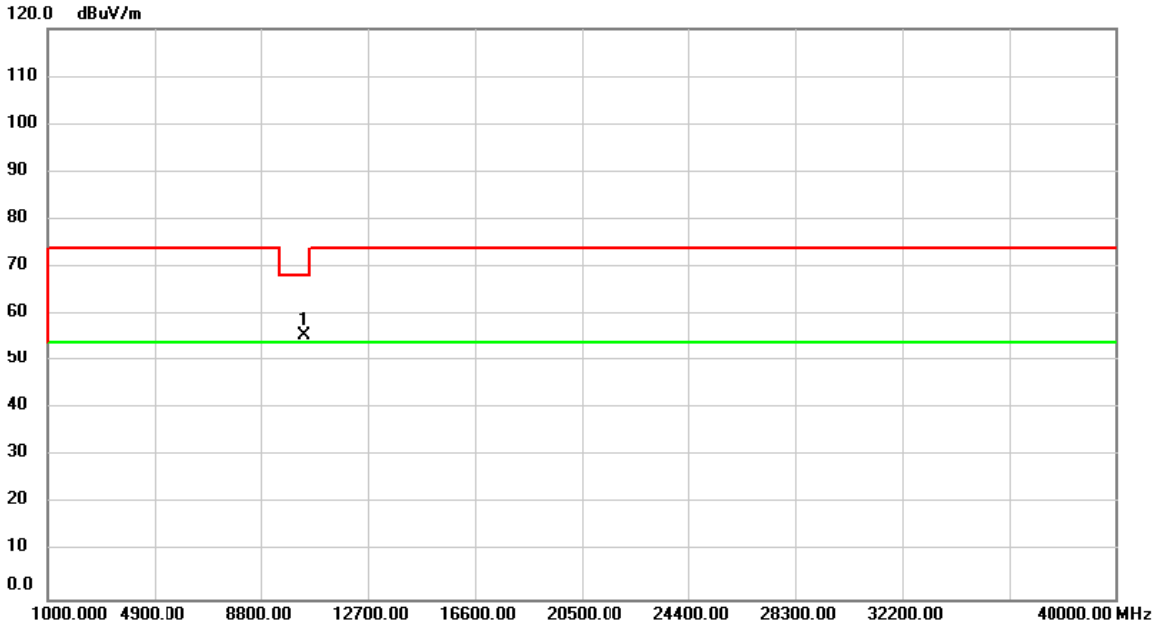
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	53.40	1.25	54.65	68.20	-13.55	peak	

Test Mode	UNII-1/ TX A Mode 5200MHz	Polarization	Vertical



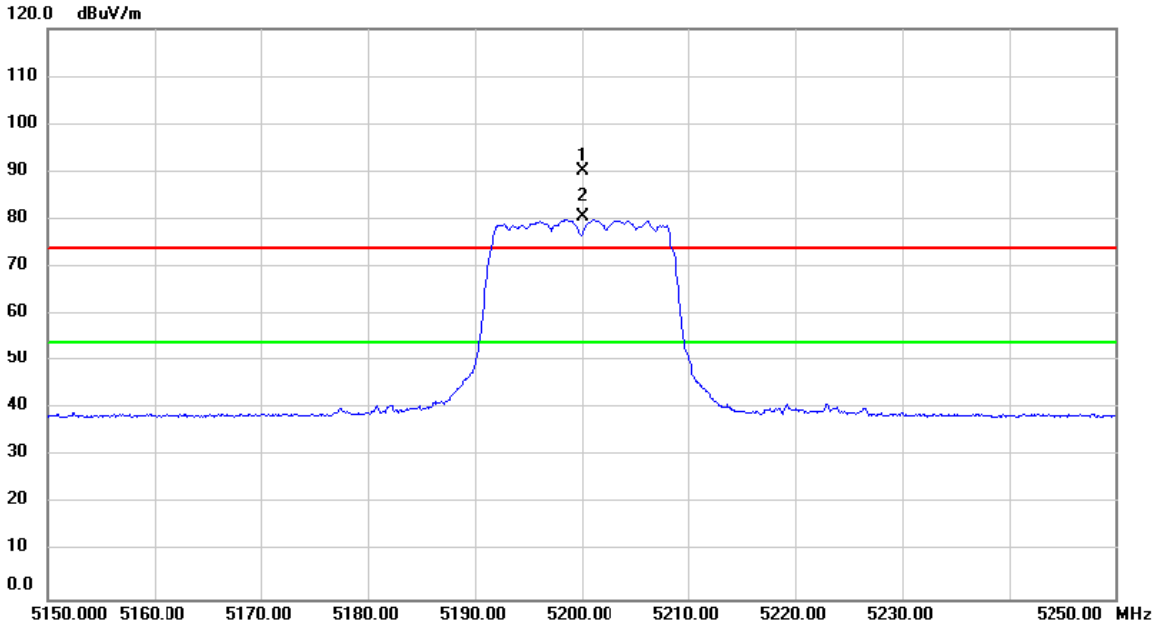
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	59.80	37.58	97.38	74.00	23.38	peak	No Limit
2	*	5200.000	52.50	37.58	90.08	54.00	36.08	AVG	No Limit

Test Mode	UNII-1/ TX A Mode 5200MHz	Polarization	Vertical



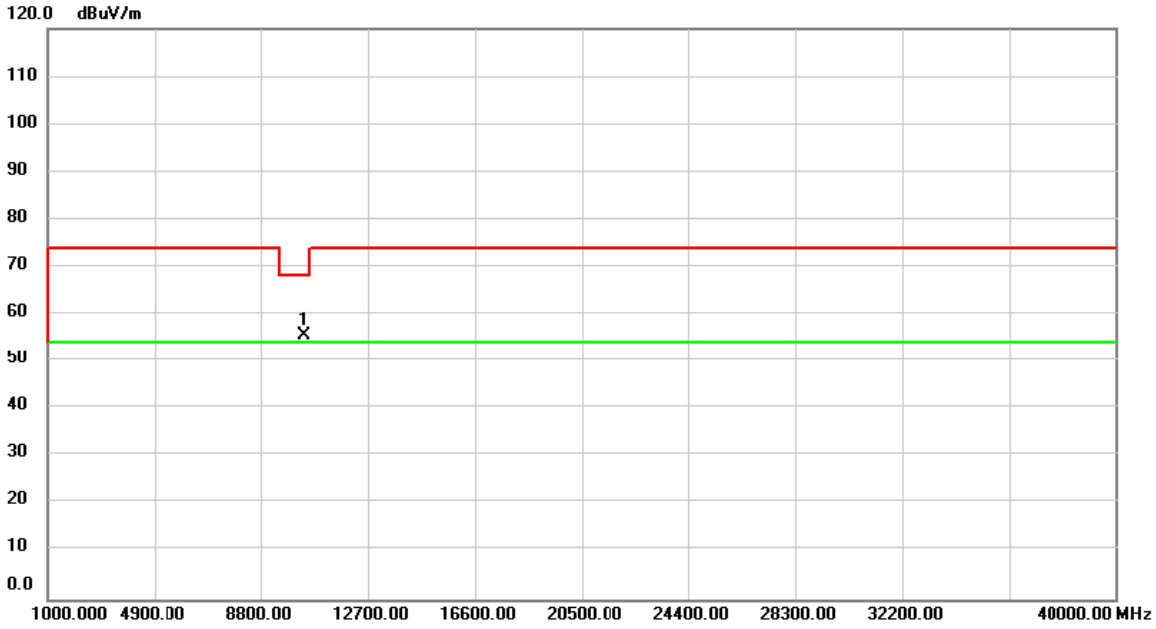
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	54.49	1.30	55.79	68.20	-12.41	peak	

Test Mode	UNII-1/ TX A Mode 5200MHz	Polarization	Horizontal



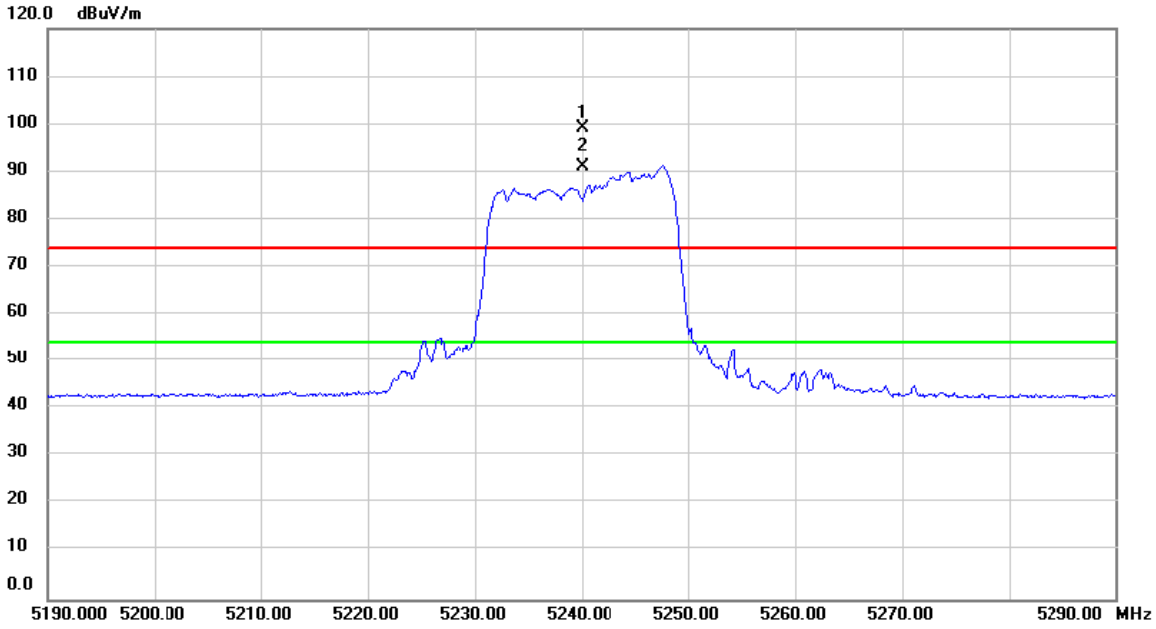
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	52.52	37.58	90.10	74.00	16.10	peak	No Limit
2	*	5200.000	42.87	37.58	80.45	54.00	26.45	AVG	No Limit

Test Mode	UNII-1/ TX A Mode 5200MHz	Polarization	Horizontal



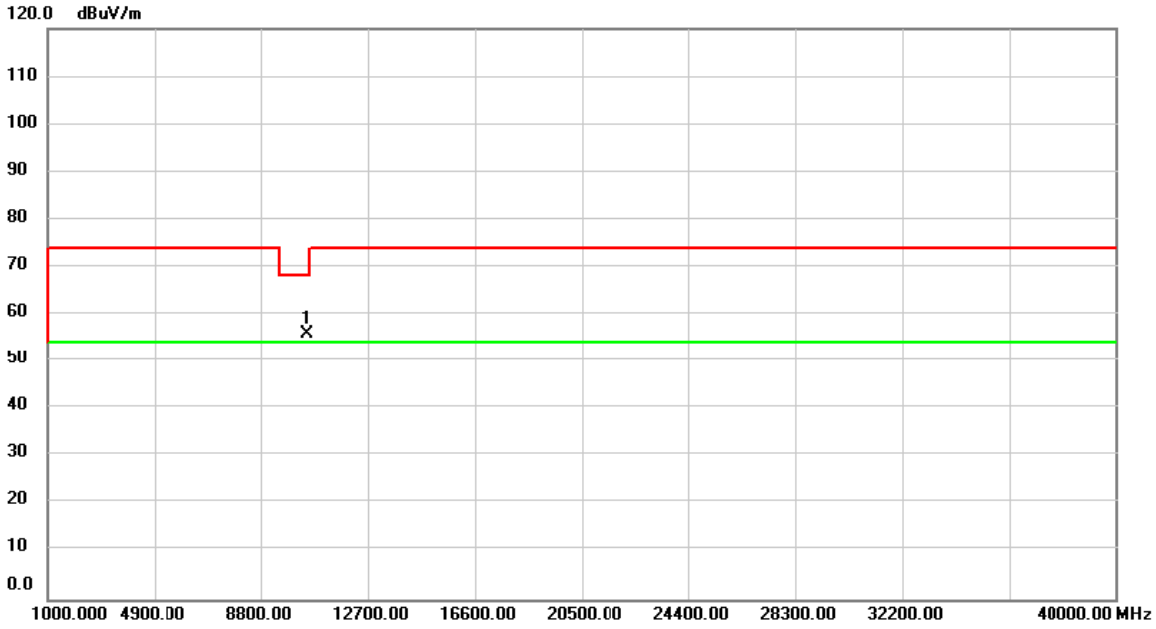
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	54.23	1.30	55.53	68.20	-12.67	peak	

Test Mode	UNII-1/ TX A Mode 5240MHz	Polarization	Vertical



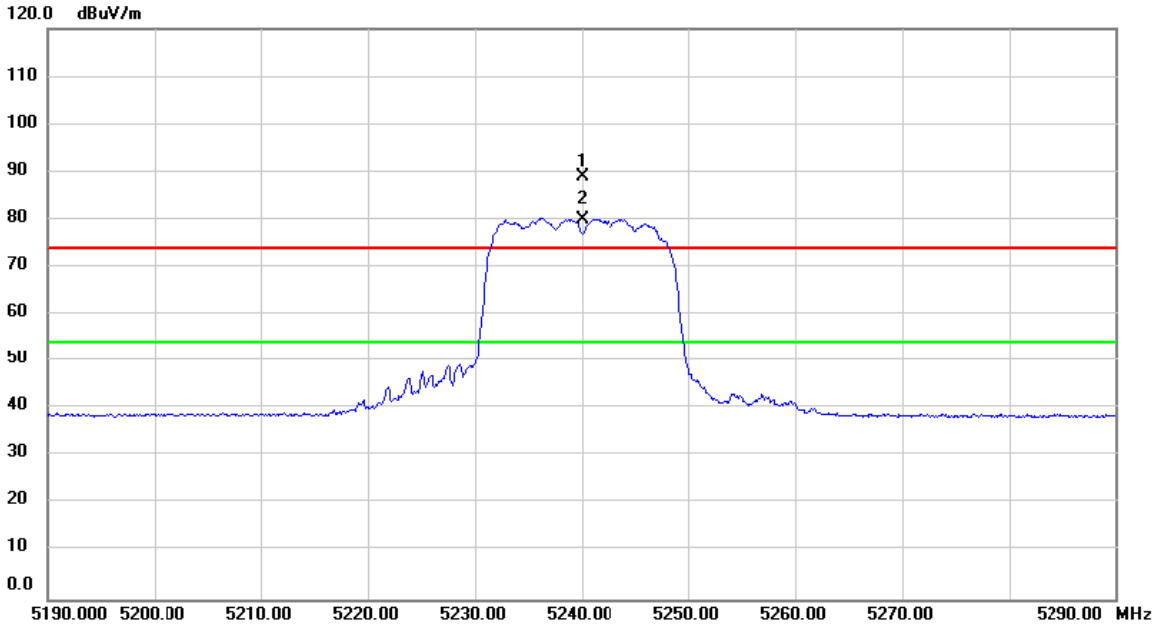
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	61.56	37.65	99.21	74.00	25.21	peak	No Limit
2	*	5240.000	53.37	37.65	91.02	54.00	37.02	AVG	No Limit

Test Mode	UNII-1/ TX A Mode 5240MHz	Polarization	Vertical



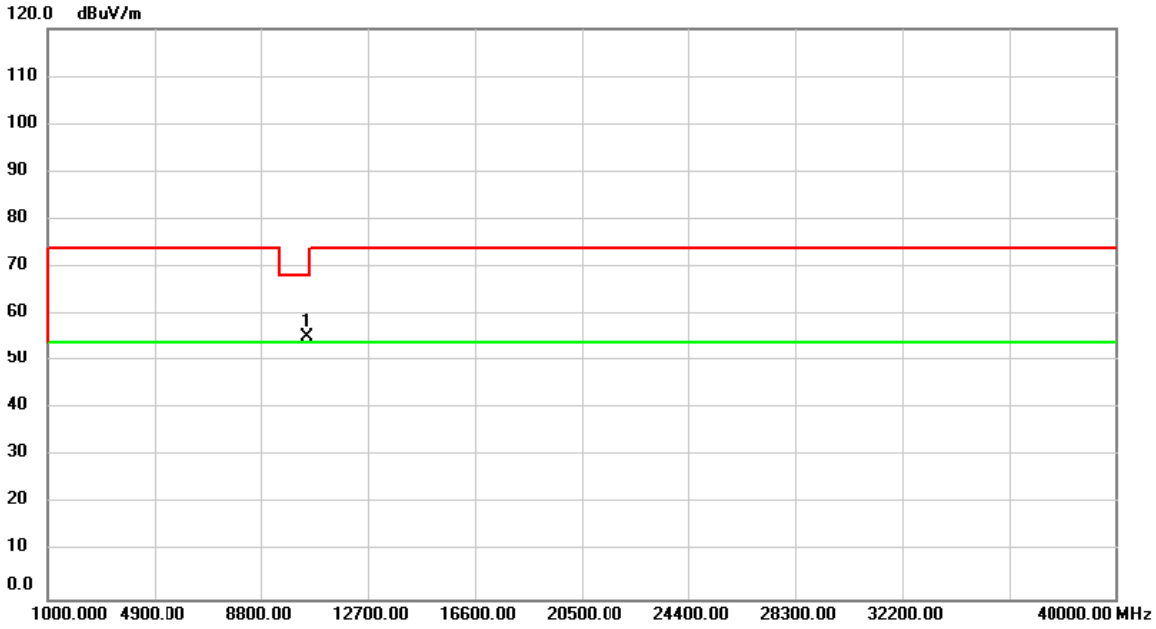
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	54.45	1.39	55.84	68.20	-12.36	peak	

Test Mode	UNII-1/ TX A Mode 5240MHz	Polarization	Horizontal



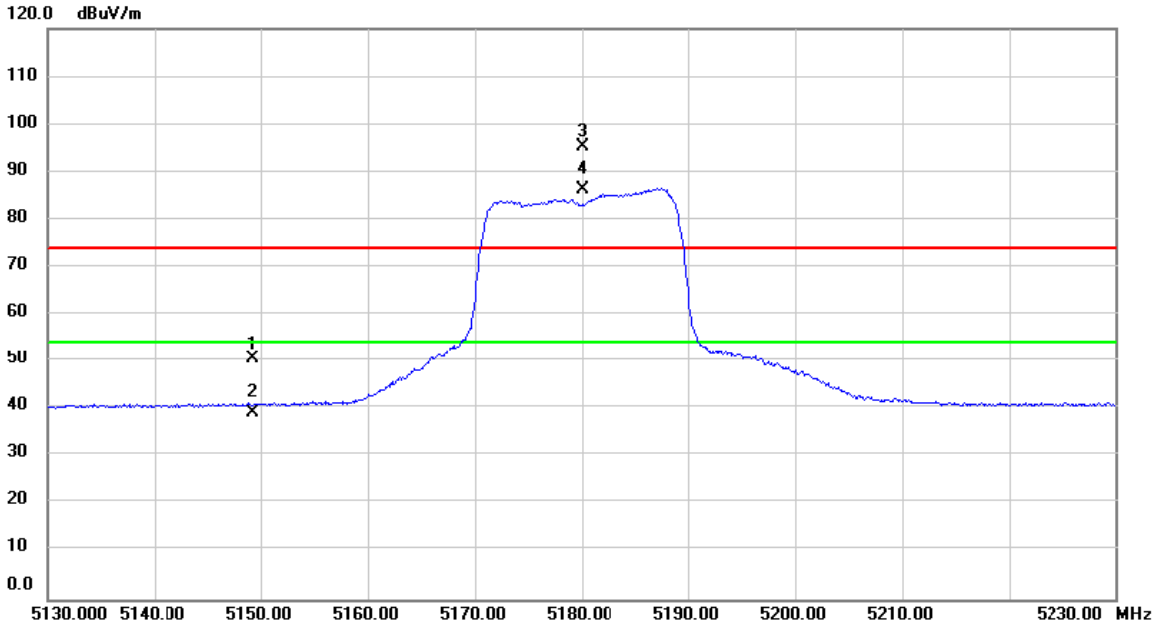
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	51.44	37.65	89.09	74.00	15.09	peak	No Limit
2	*	5240.000	42.34	37.65	79.99	54.00	25.99	AVG	No Limit

Test Mode	UNII-1/ TX A Mode 5240MHz	Polarization	Horizontal



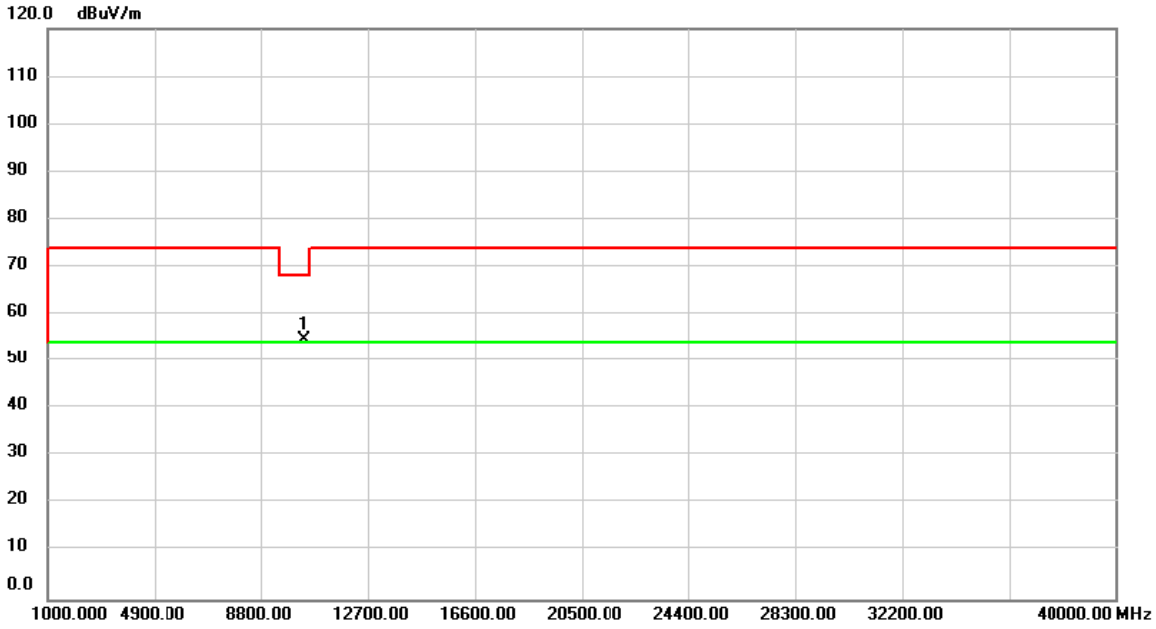
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	54.07	1.39	55.46	68.20	-12.74	peak	

Test Mode	UNII-1/ TX N20 Mode 5180MHz	Polarization	Vertical



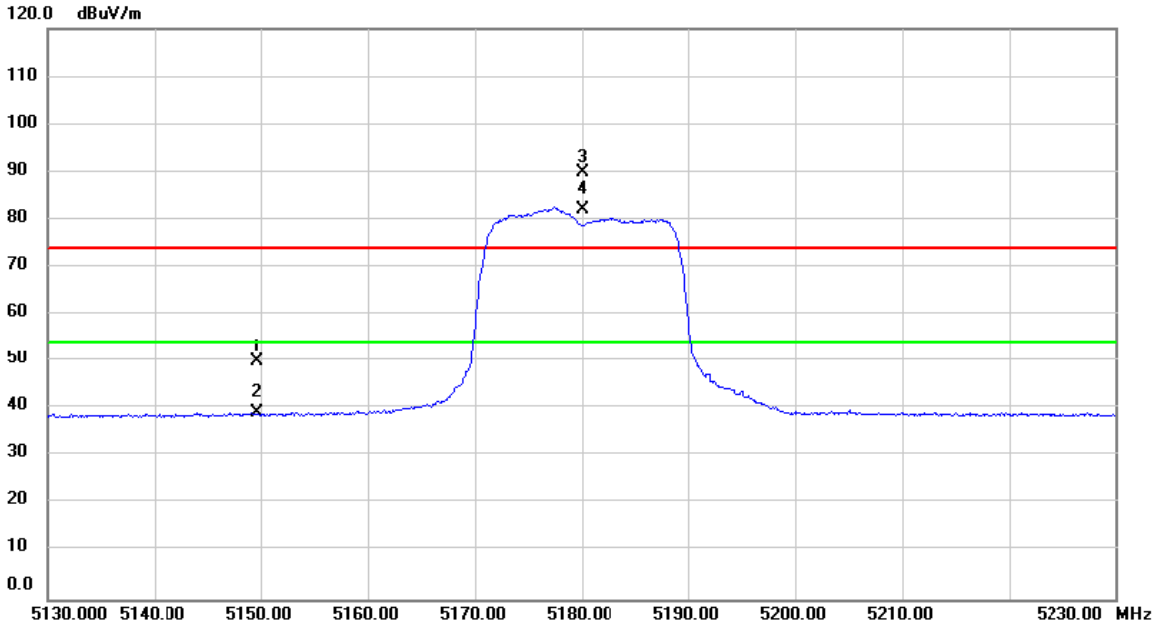
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.240	13.01	37.49	50.50	74.00	-23.50	peak	
2		5149.240	1.69	37.49	39.18	54.00	-14.82	AVG	
3	X	5180.000	57.62	37.55	95.17	74.00	21.17	peak	No Limit
4	*	5180.000	48.73	37.55	86.28	54.00	32.28	AVG	No Limit

Test Mode	UNII-1/ TX N20 Mode 5180MHz	Polarization	Vertical



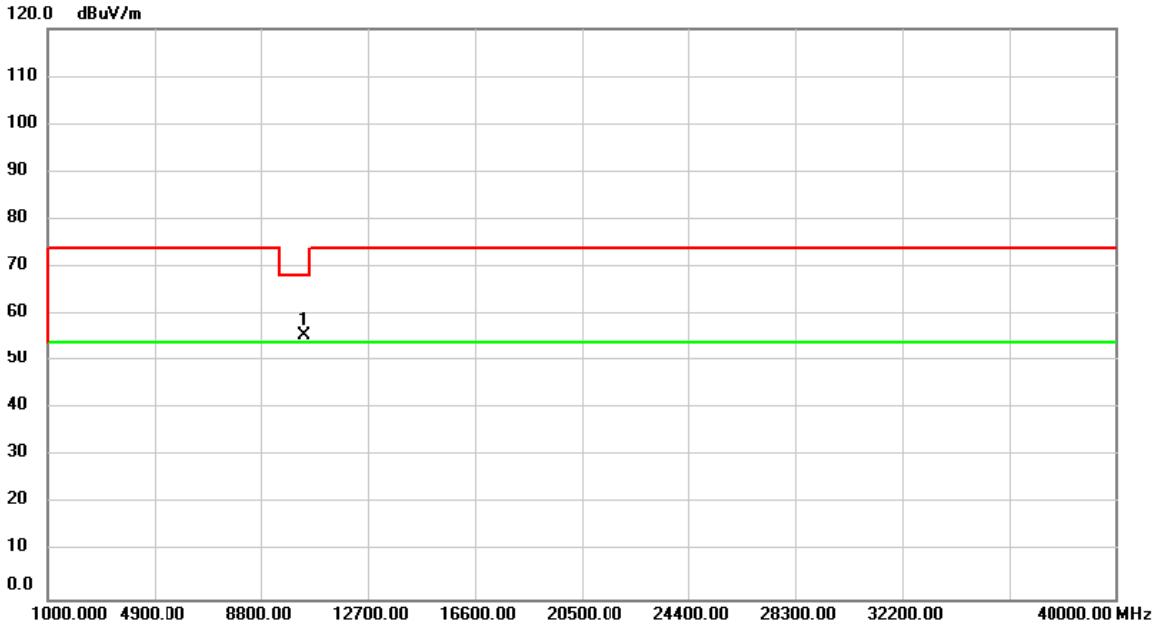
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	53.37	1.25	54.62	68.20	-13.58	peak	

Test Mode	UNII-1/ TX N20 Mode 5180MHz	Polarization	Horizontal



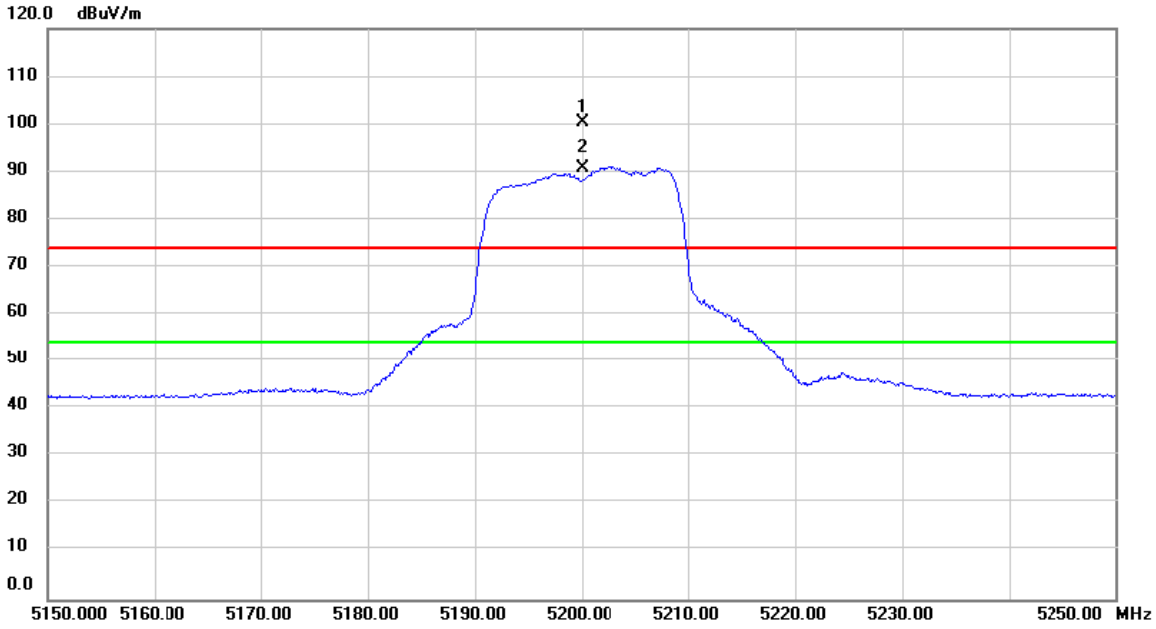
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.680	12.45	37.49	49.94	74.00	-24.06	peak	
2		5149.680	1.55	37.49	39.04	54.00	-14.96	AVG	
3	X	5180.000	52.31	37.55	89.86	74.00	15.86	peak	No Limit
4	*	5180.000	44.65	37.55	82.20	54.00	28.20	AVG	No Limit

Test Mode	UNII-1/ TX N20 Mode 5180MHz	Polarization	Horizontal



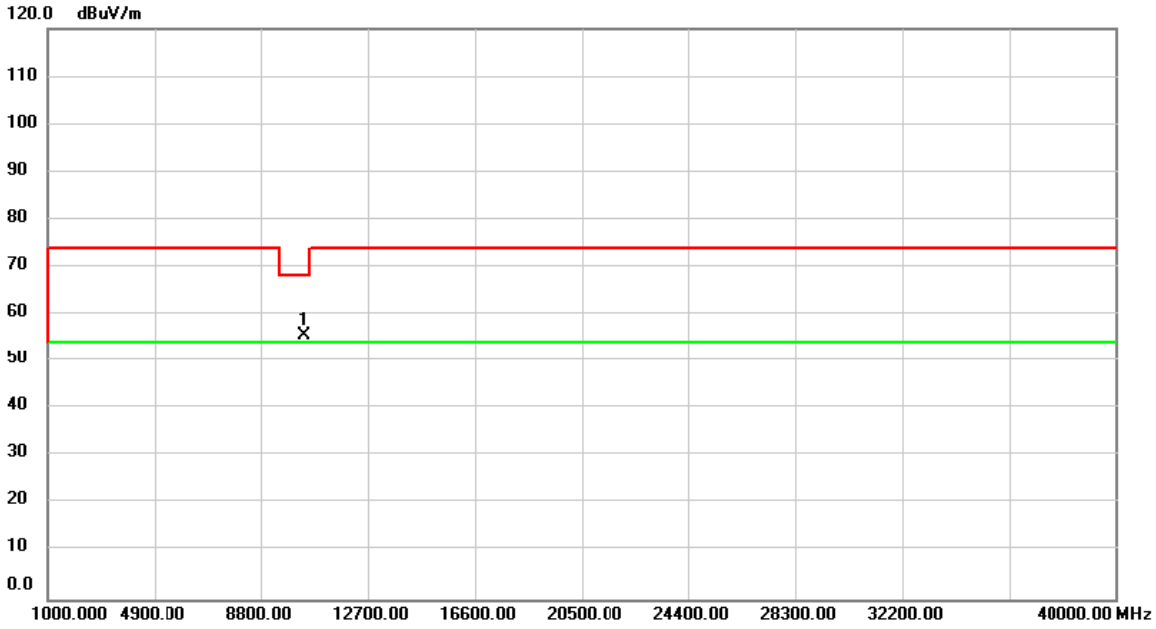
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	54.38	1.25	55.63	68.20	-12.57	peak	

Test Mode	UNII-1/ TX N20 Mode 5200MHz	Polarization	Vertical



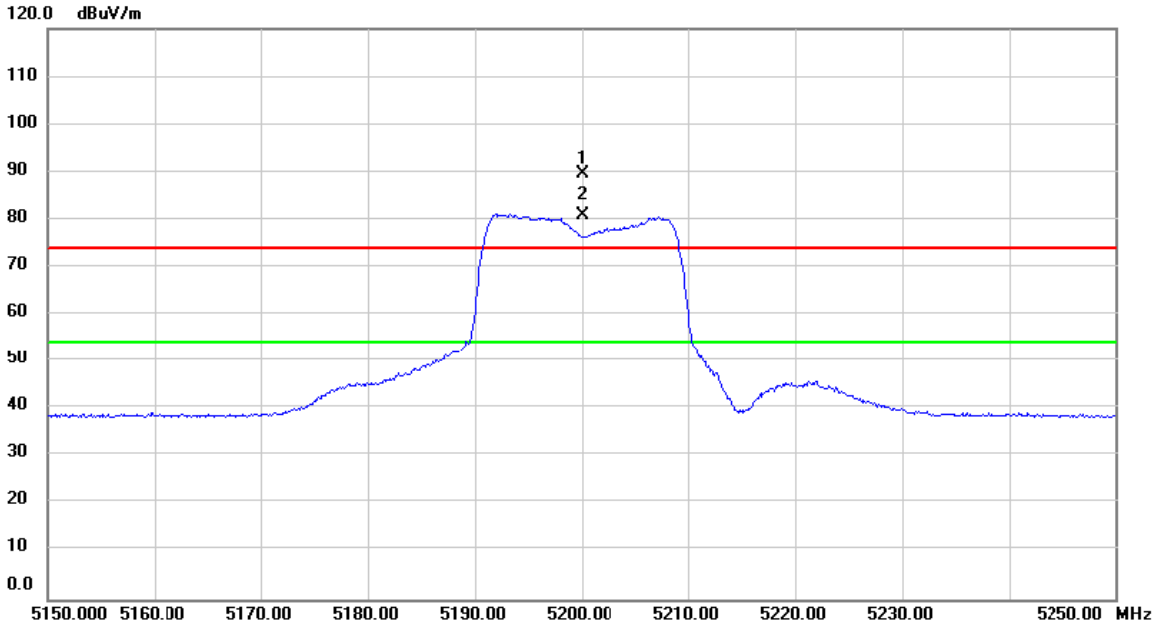
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	62.72	37.58	100.30	74.00	26.30	peak	No Limit
2	*	5200.000	53.27	37.58	90.85	54.00	36.85	AVG	No Limit

Test Mode	UNII-1/ TX N20 Mode 5200MHz	Polarization	Vertical



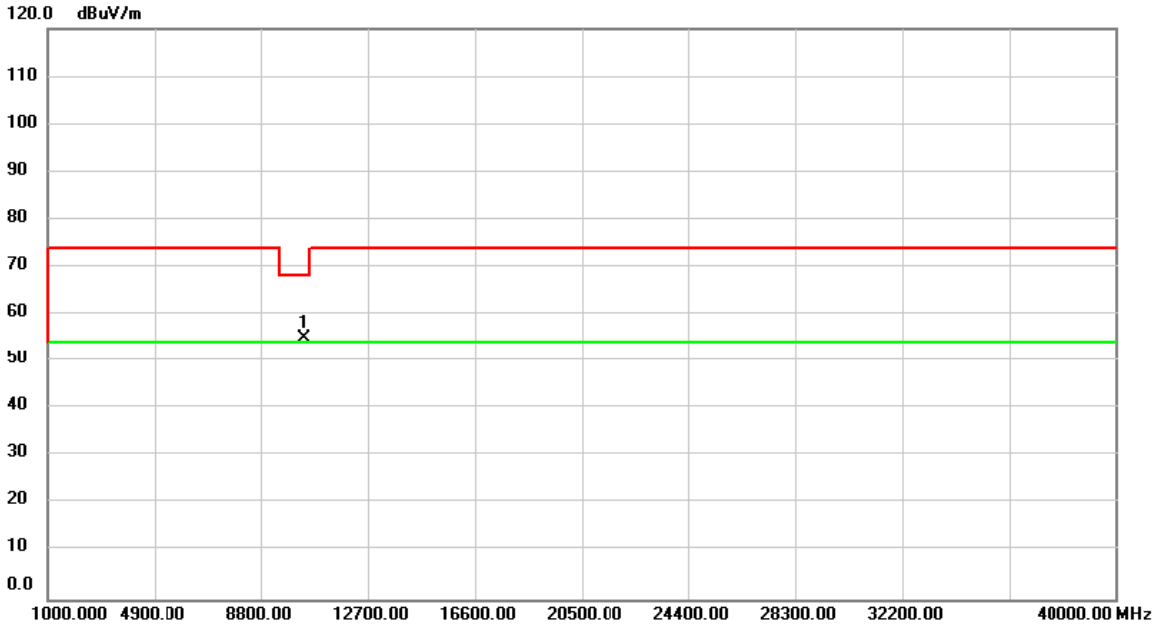
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	54.30	1.30	55.60	68.20	-12.60	peak	

Test Mode	UNII-1/ TX N20 Mode 5200MHz	Polarization	Horizontal



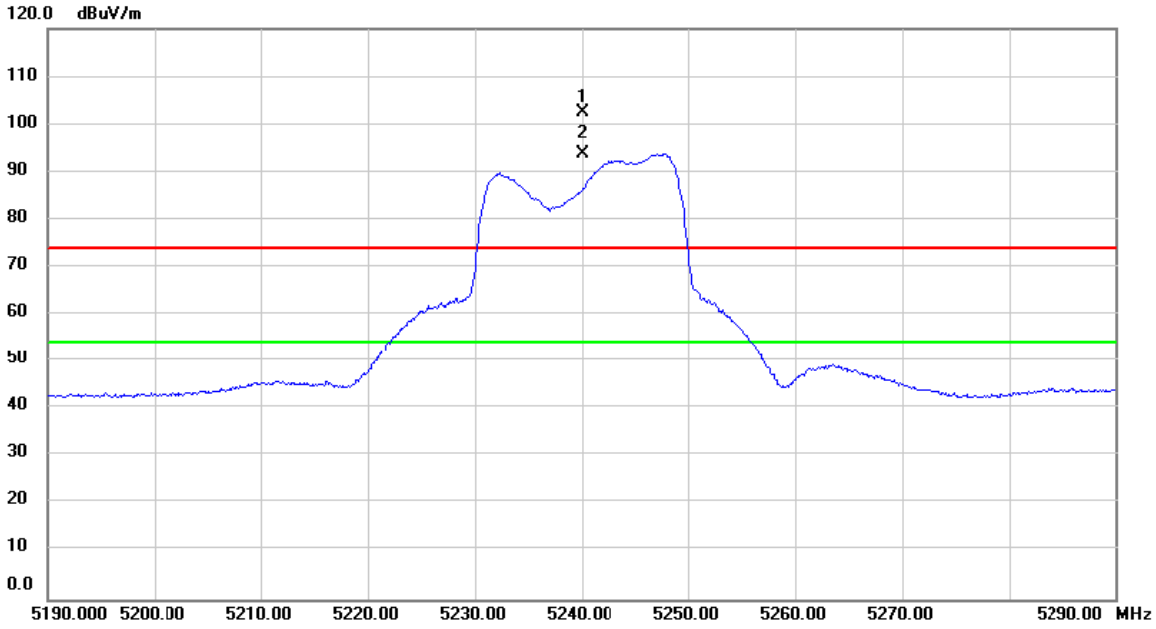
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	52.01	37.58	89.59	74.00	15.59	peak	No Limit
2	*	5200.000	43.17	37.58	80.75	54.00	26.75	AVG	No Limit

Test Mode	UNII-1/ TX N20 Mode 5200MHz	Polarization	Horizontal



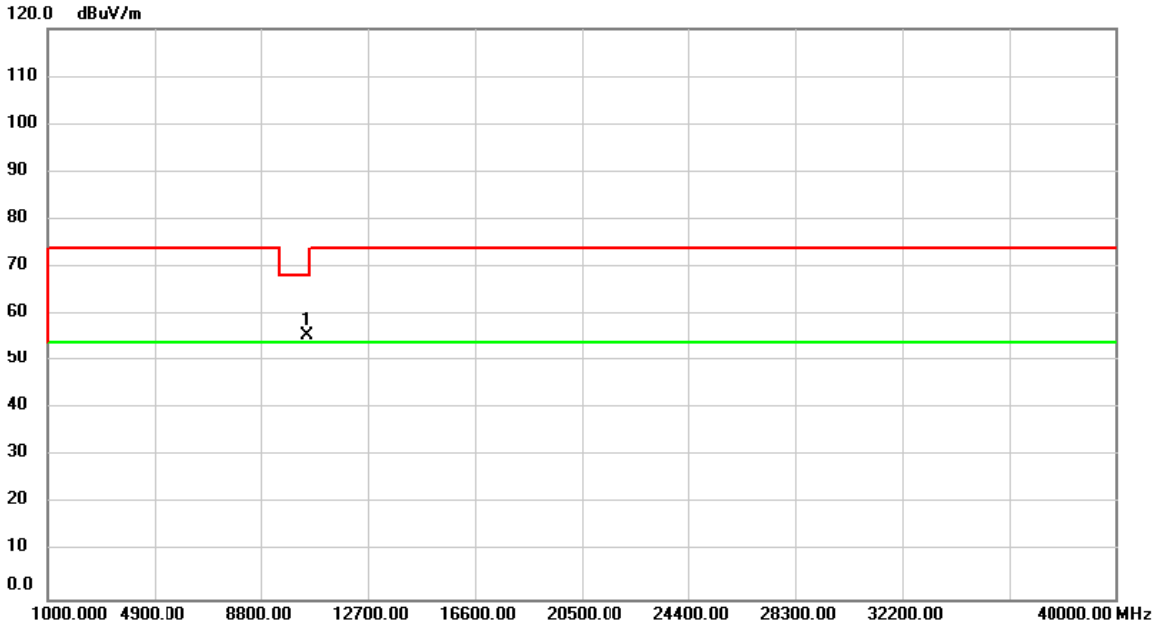
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	53.62	1.30	54.92	68.20	-13.28	peak	

Test Mode	UNII-1/ TX N20 Mode 5240MHz	Polarization	Vertical



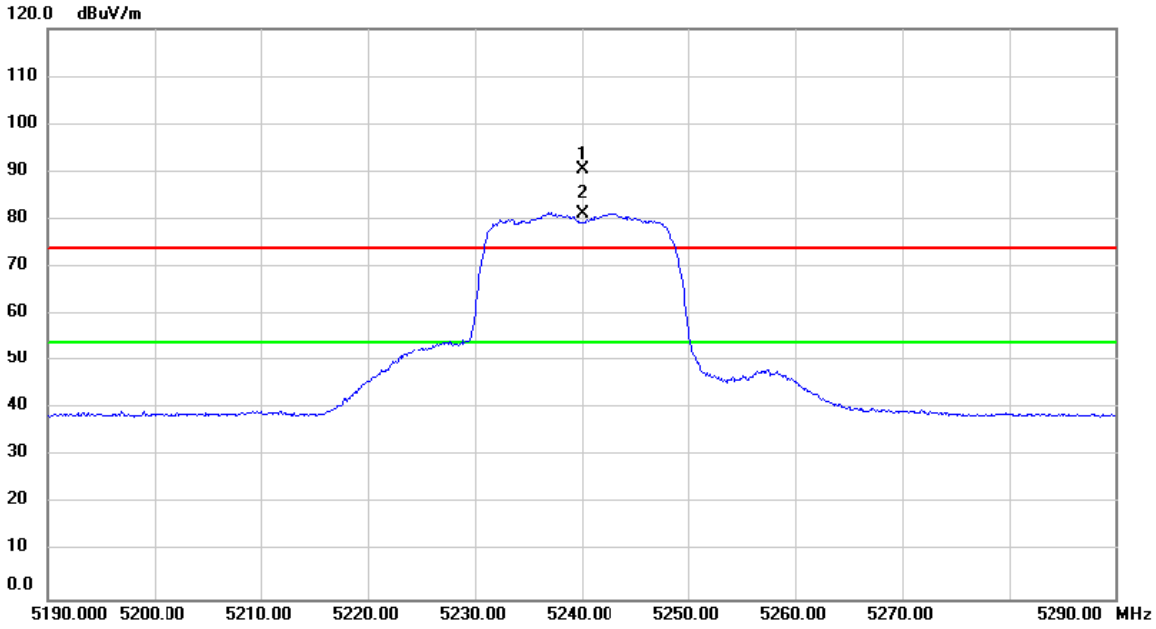
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	64.68	37.65	102.33	74.00	28.33	peak	No Limit
2	*	5240.000	56.06	37.65	93.71	54.00	39.71	AVG	No Limit

Test Mode	UNII-1/ TX N20 Mode 5240MHz	Polarization	Vertical



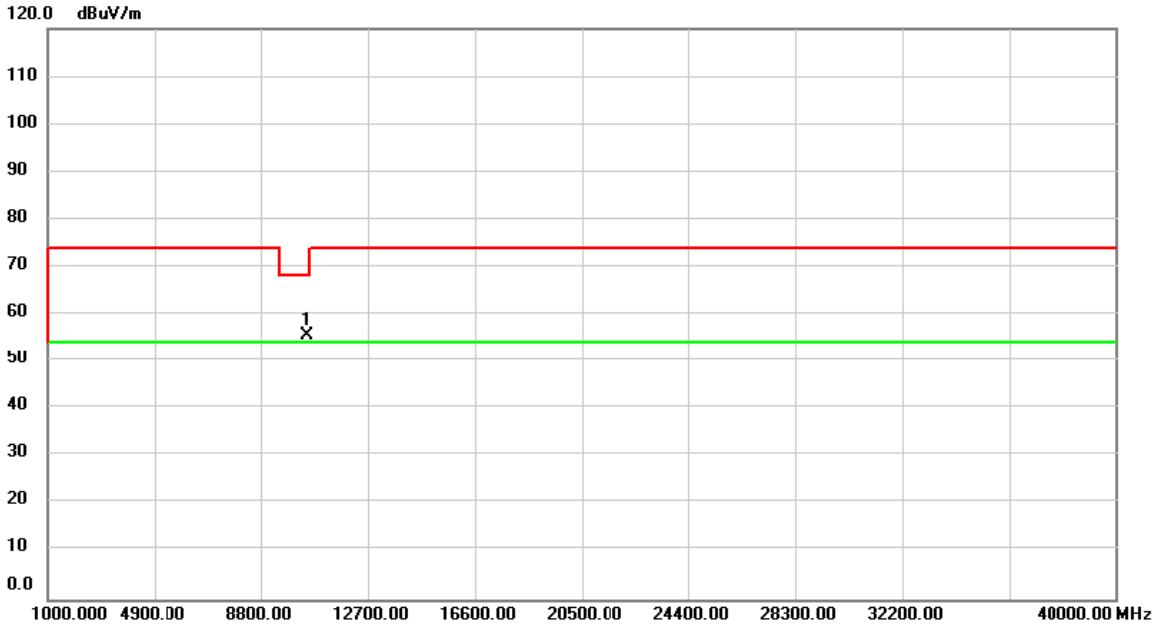
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	54.24	1.39	55.63	68.20	-12.57	peak	

Test Mode	UNII-1/ TX N20 Mode 5240MHz	Polarization	Horizontal



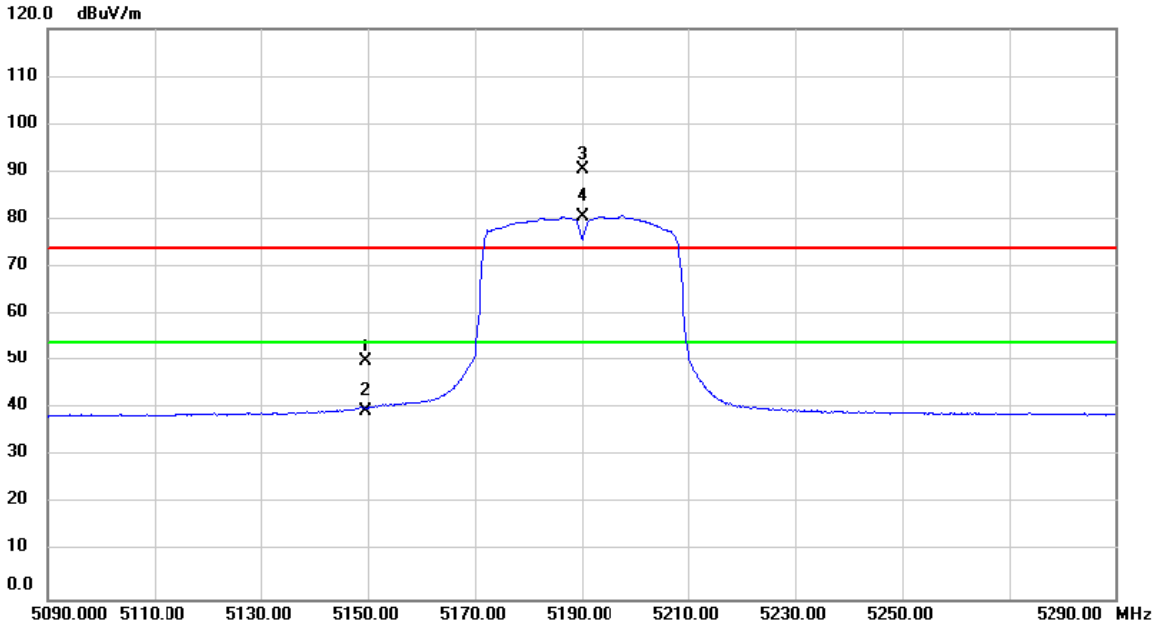
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	52.82	37.65	90.47	74.00	16.47	peak	No Limit
2	*	5240.000	43.38	37.65	81.03	54.00	27.03	AVG	No Limit

Test Mode	UNII-1/ TX N20 Mode 5240MHz	Polarization	Horizontal



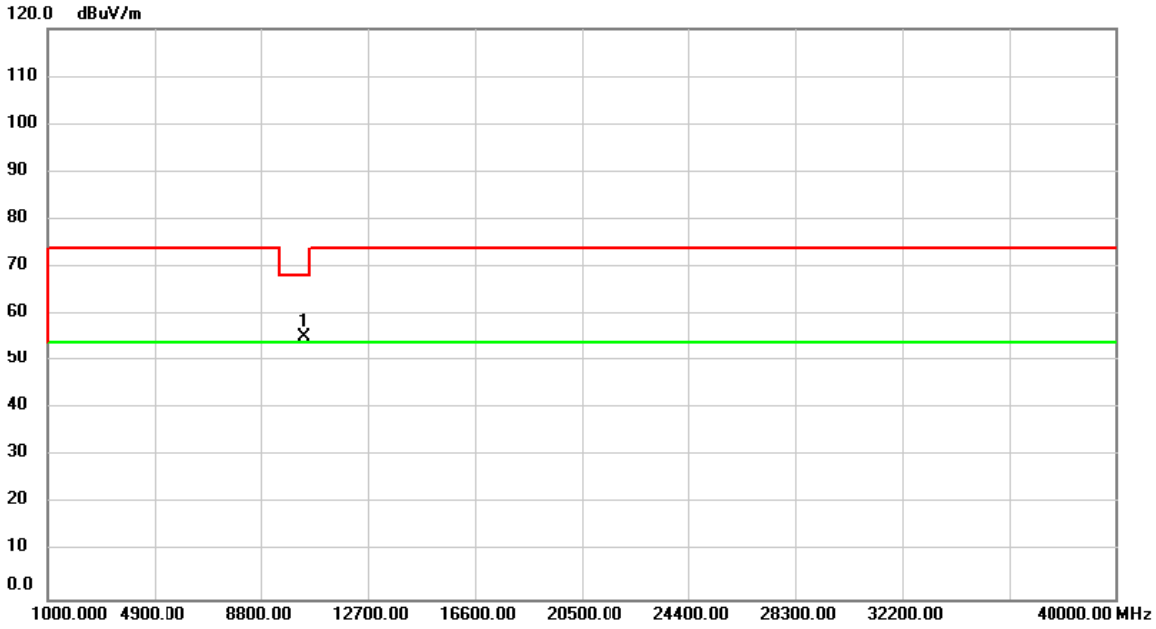
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	54.38	1.39	55.77	68.20	-12.43	peak	

Test Mode	UNII-1/ TX N40 Mode 5190MHz	Polarization	Vertical



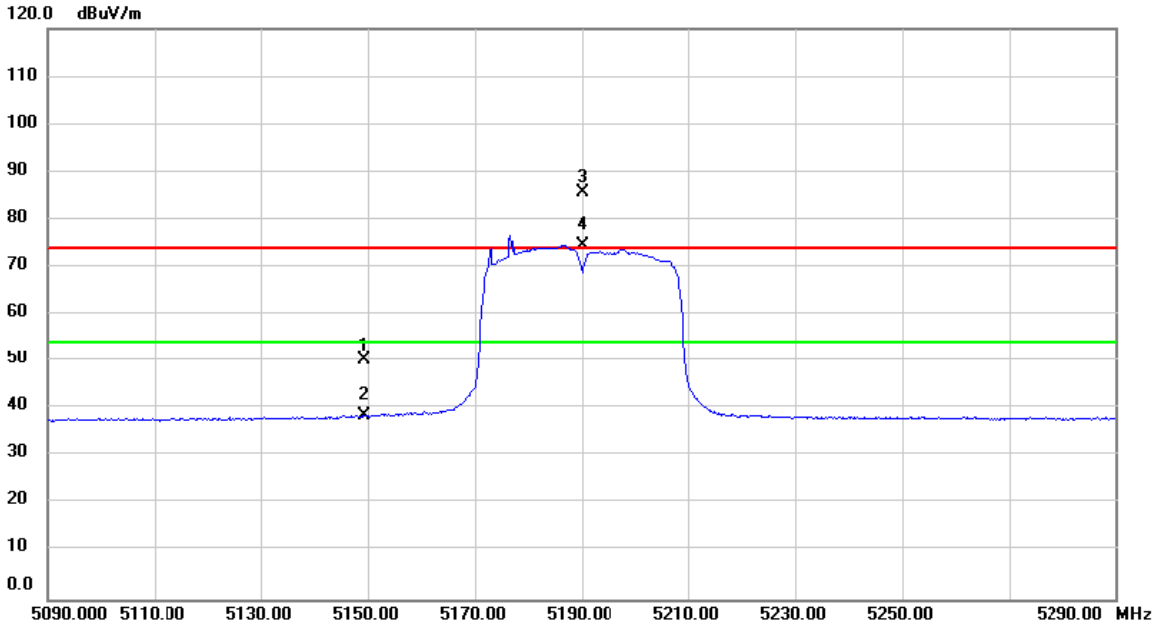
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.700	12.59	37.49	50.08	74.00	-23.92	peak	
2		5149.700	1.97	37.49	39.46	54.00	-14.54	AVG	
3	X	5190.000	52.95	37.56	90.51	74.00	16.51	peak	No Limit
4	*	5190.000	43.13	37.56	80.69	54.00	26.69	AVG	No Limit

Test Mode	UNII-1/ TX N40 Mode 5190MHz	Polarization	Vertical



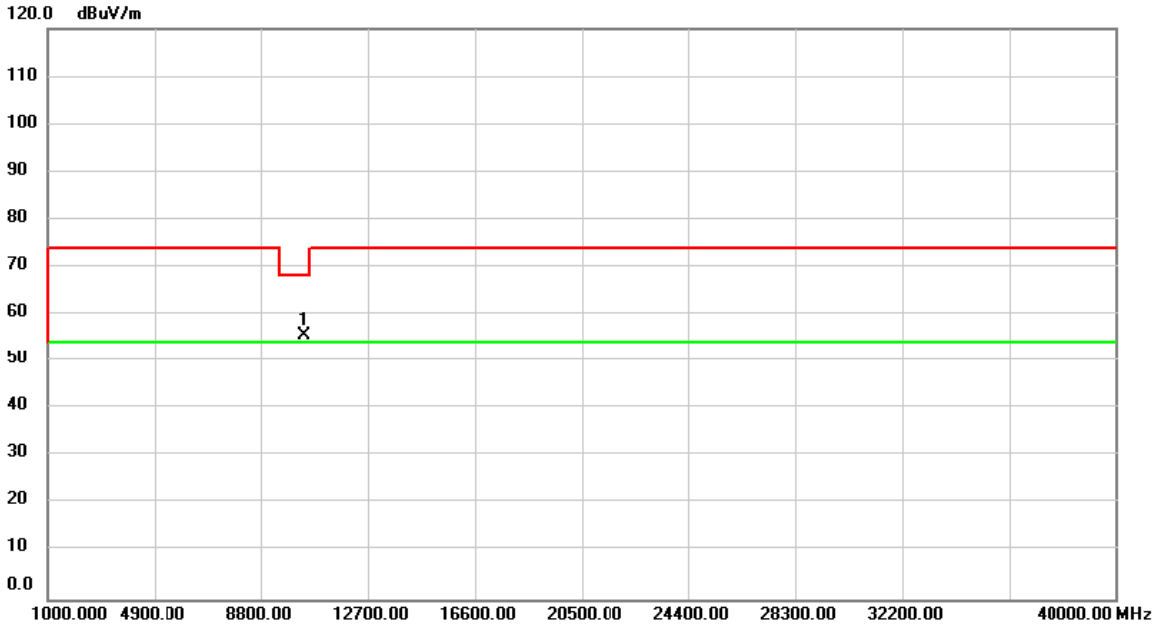
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	54.17	1.27	55.44	68.20	-12.76	peak	

Test Mode	UNII-1/ TX N40 Mode 5190MHz	Polarization	Horizontal



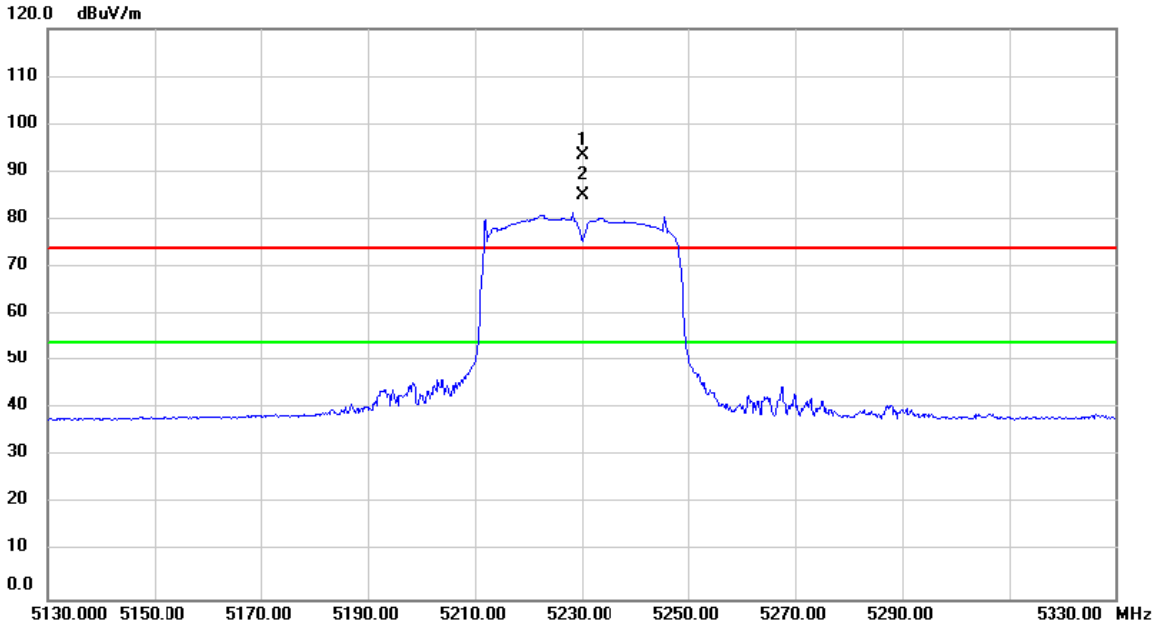
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.280	12.76	37.49	50.25	74.00	-23.75	peak	
2		5149.280	1.05	37.49	38.54	54.00	-15.46	AVG	
3	X	5190.000	48.18	37.56	85.74	74.00	11.74	peak	No Limit
4	*	5190.000	36.89	37.56	74.45	54.00	20.45	AVG	No Limit

Test Mode	UNII-1/ TX N40 Mode 5190MHz	Polarization	Horizontal



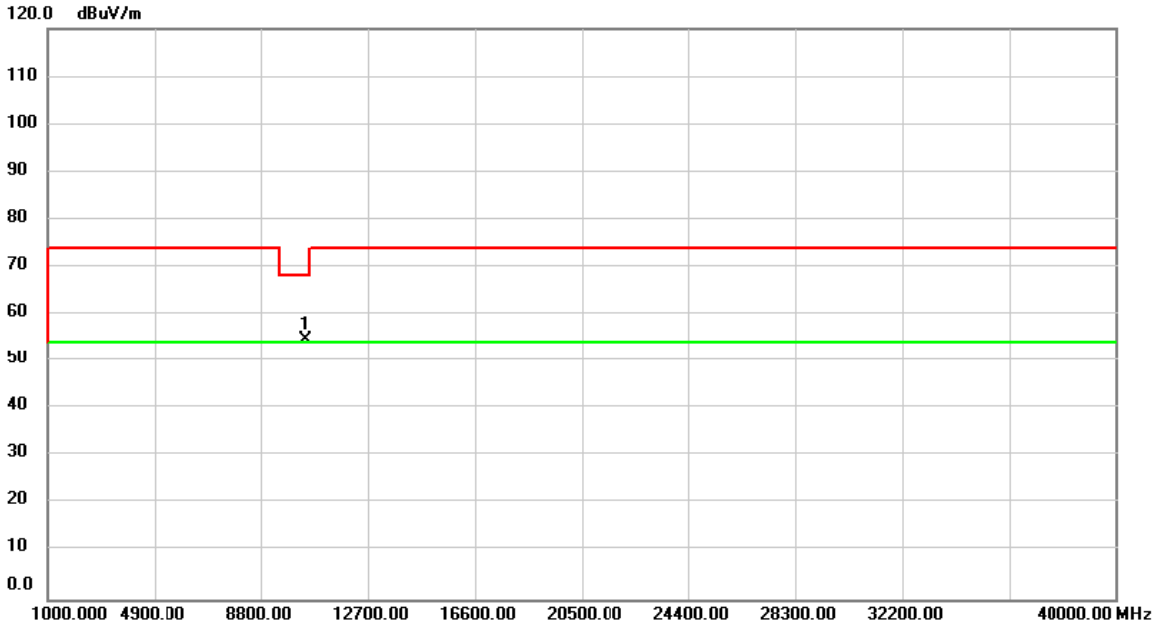
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	54.34	1.27	55.61	68.20	-12.59	peak	

Test Mode	UNII-1/ TX N40 Mode 5230MHz	Polarization	Vertical



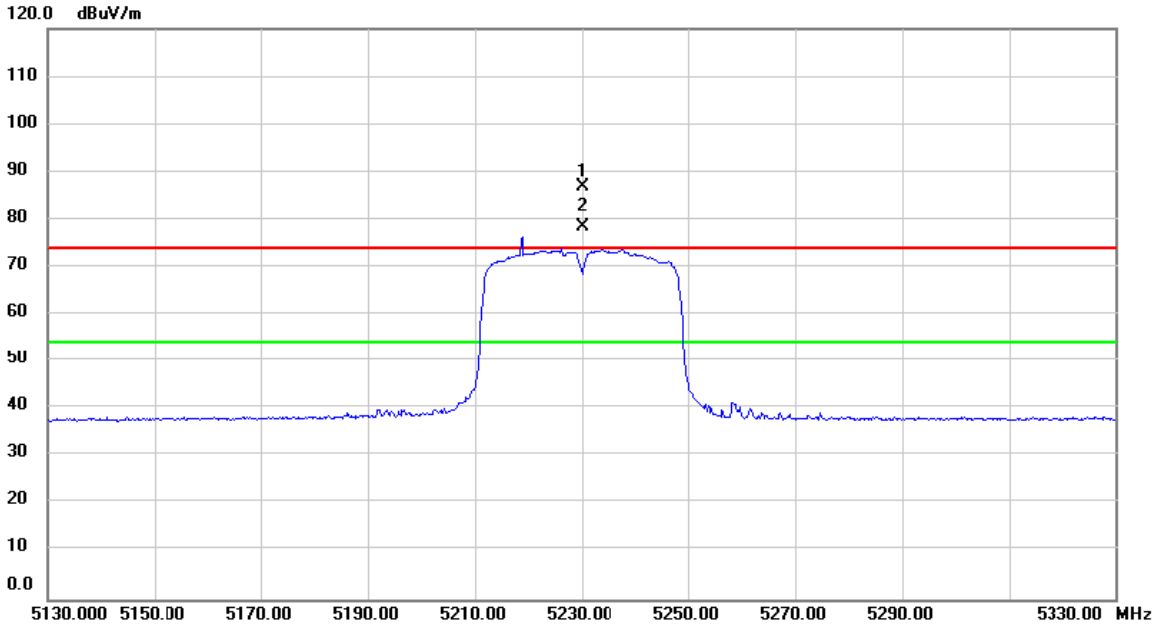
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5230.000	55.80	37.64	93.44	74.00	19.44	peak	No Limit
2	*	5230.000	47.39	37.64	85.03	54.00	31.03	AVG	No Limit

Test Mode	UNII-1/ TX N40 Mode 5230MHz	Polarization	Vertical



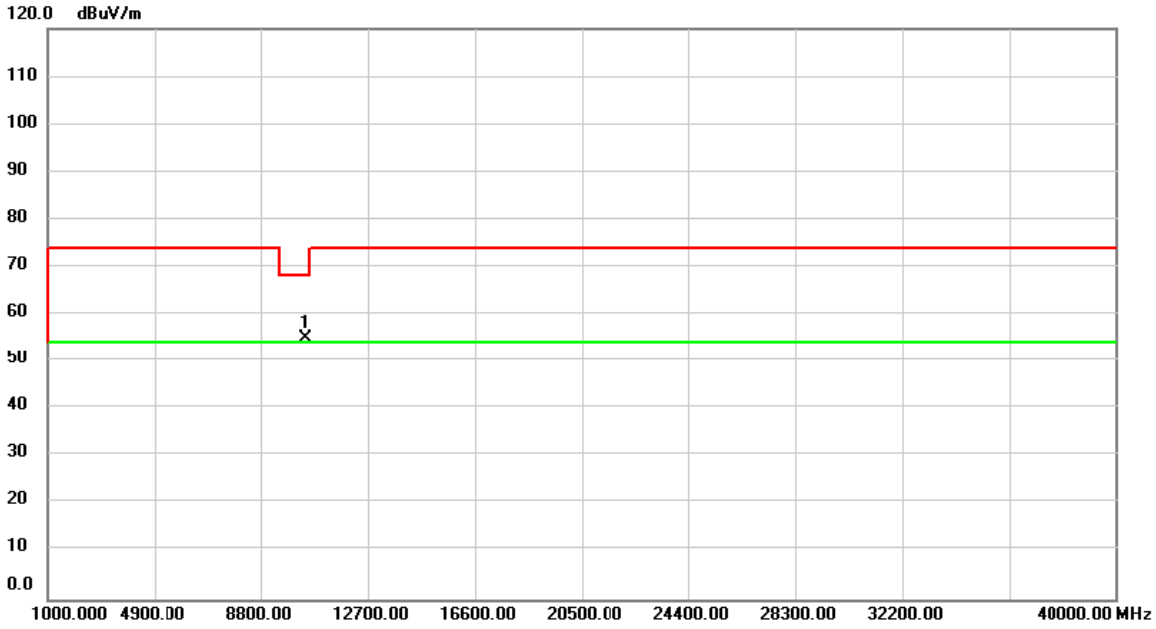
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	53.50	1.38	54.88	68.20	-13.32	peak	

Test Mode	UNII-1/ TX N40 Mode 5230MHz	Polarization	Horizontal



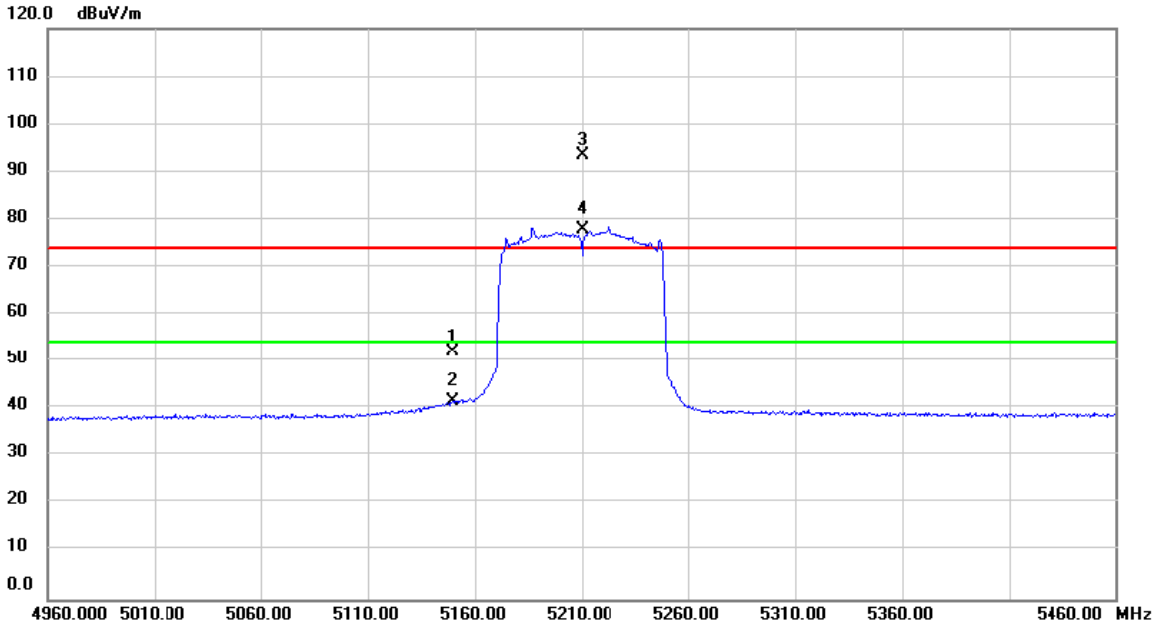
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5230.000	49.24	37.64	86.88	74.00	12.88	peak	No Limit
2	*	5230.000	40.68	37.64	78.32	54.00	24.32	AVG	No Limit

Test Mode	UNII-1/ TX N40 Mode 5230MHz	Polarization	Horizontal



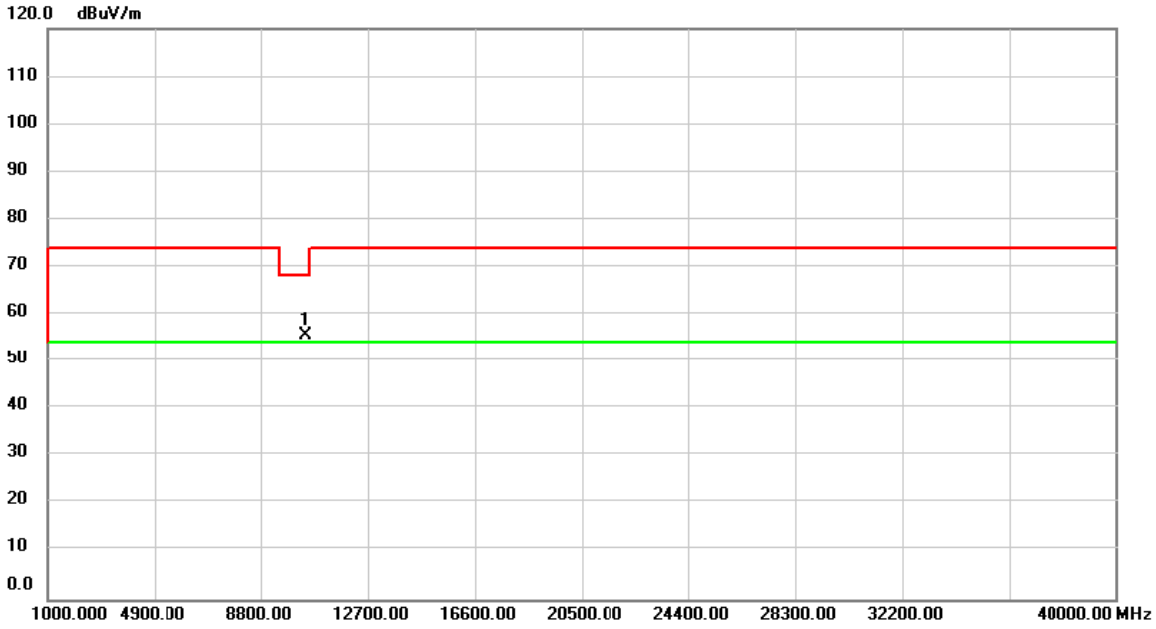
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	53.59	1.38	54.97	68.20	-13.23	peak	

Test Mode	UNII-1/ TX AC80 Mode 5210MHz	Polarization	Vertical



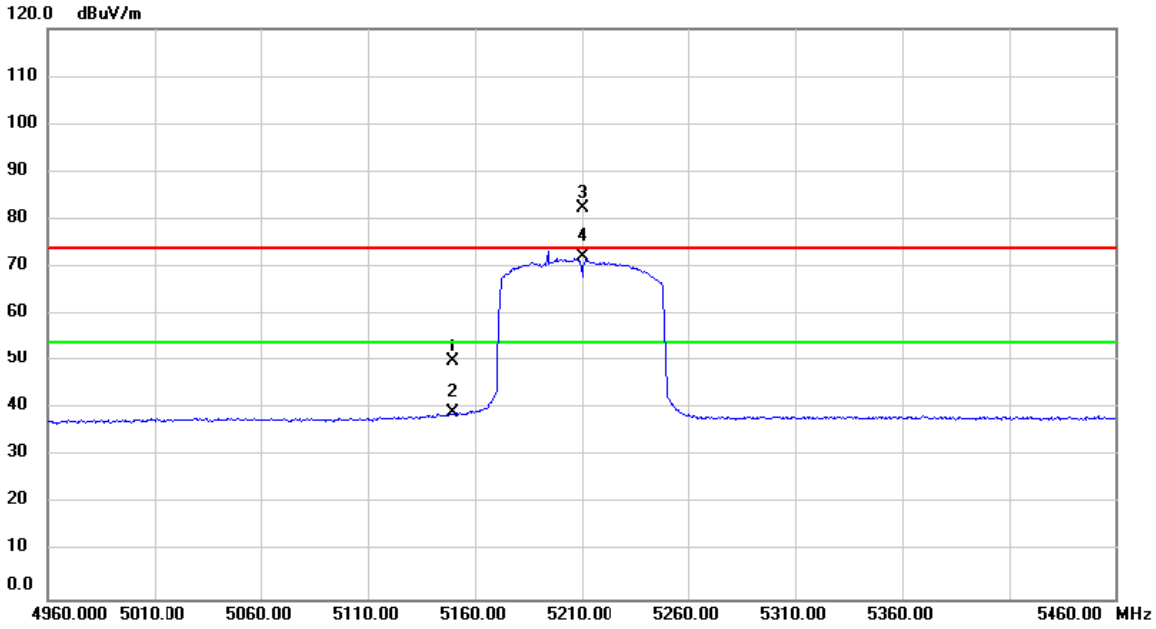
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.620	14.69	37.49	52.18	74.00	-21.82	peak	
2		5149.620	4.15	37.49	41.64	54.00	-12.36	AVG	
3	X	5210.000	56.00	37.60	93.60	74.00	19.60	peak	No Limit
4	*	5210.000	40.32	37.60	77.92	54.00	23.92	AVG	No Limit

Test Mode	UNII-1/ TX AC80 Mode 5210MHz	Polarization	Vertical



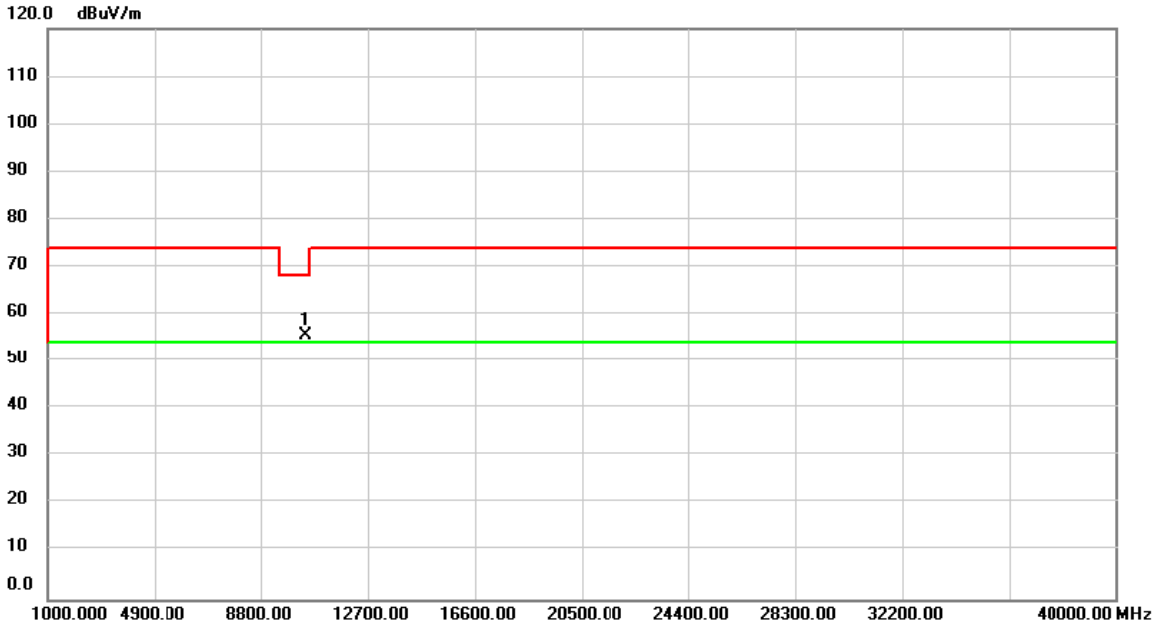
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	54.21	1.32	55.53	68.20	-12.67	peak	

Test Mode	UNII-1/ TX AC80 Mode 5210MHz	Polarization	Horizontal



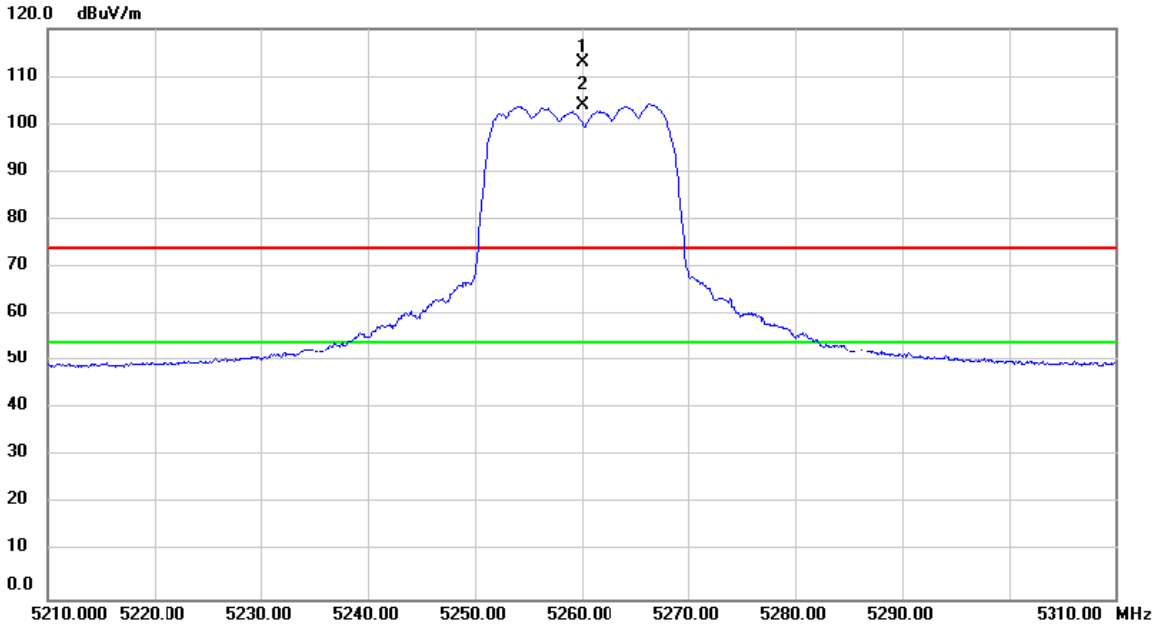
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.810	12.43	37.49	49.92	74.00	-24.08	peak	
2		5149.810	1.73	37.49	39.22	54.00	-14.78	AVG	
3	X	5210.000	44.69	37.60	82.29	74.00	8.29	peak	No Limit
4	*	5210.000	34.64	37.60	72.24	54.00	18.24	AVG	No Limit

Test Mode	UNII-1/ TX AC80 Mode 5210MHz	Polarization	Horizontal



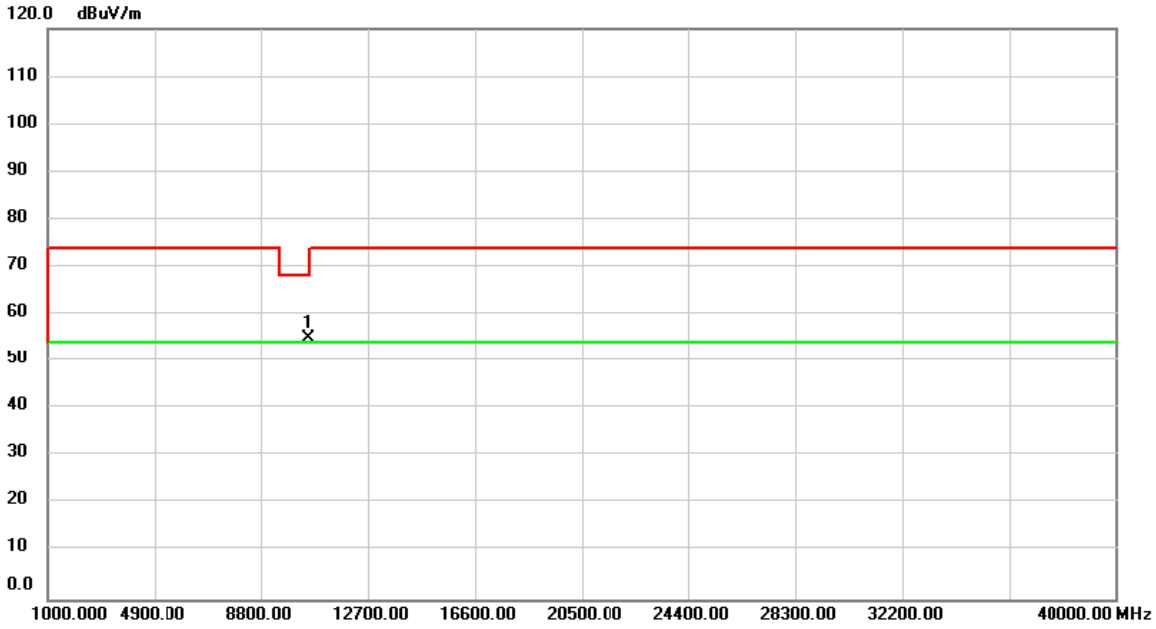
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	54.22	1.32	55.54	68.20	-12.66	peak	

Test Mode	UNII-2A/ TX A Mode 5260MHz	Polarization	Vertical



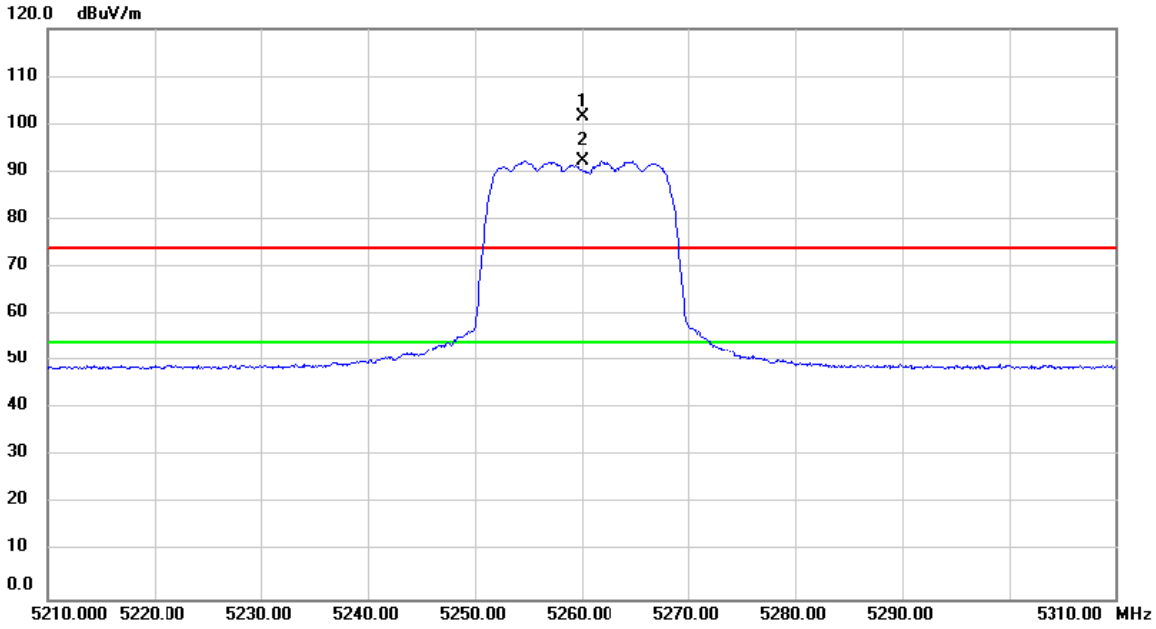
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	75.36	37.68	113.04	74.00	39.04	peak	
2	*	5260.000	66.31	37.68	103.99	54.00	49.99	AVG	

Test Mode	UNII-2A/ TX A Mode 5260MHz	Polarization	Vertical



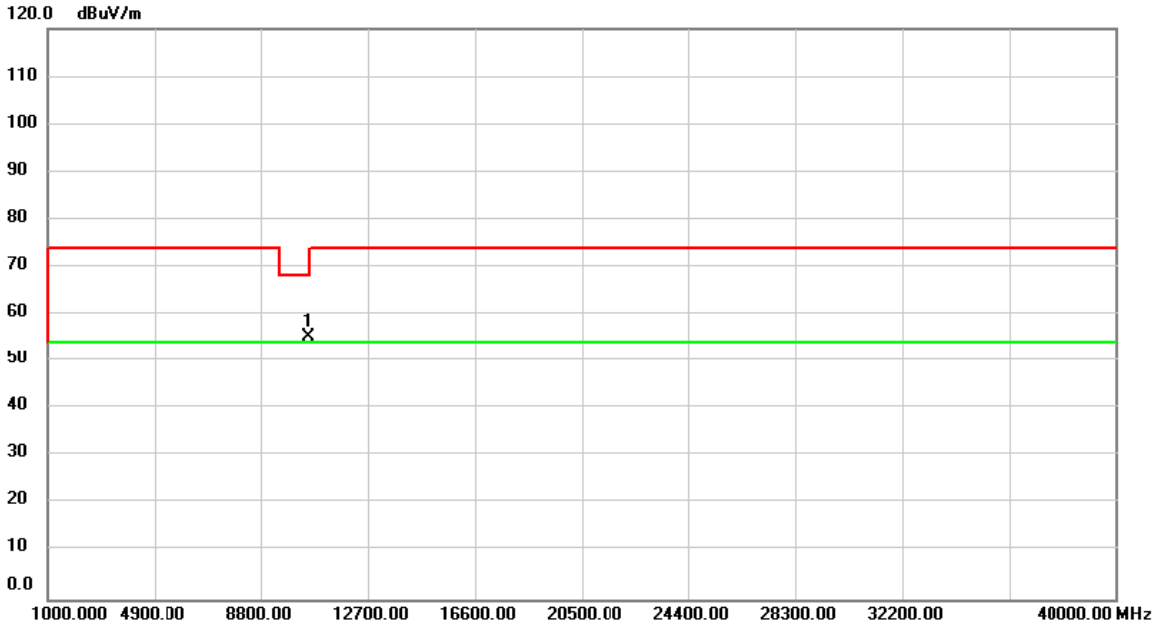
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	53.64	1.46	55.10	68.20	-13.10	peak	

Test Mode	UNII-2A/ TX A Mode 5260MHz	Polarization	Horizontal



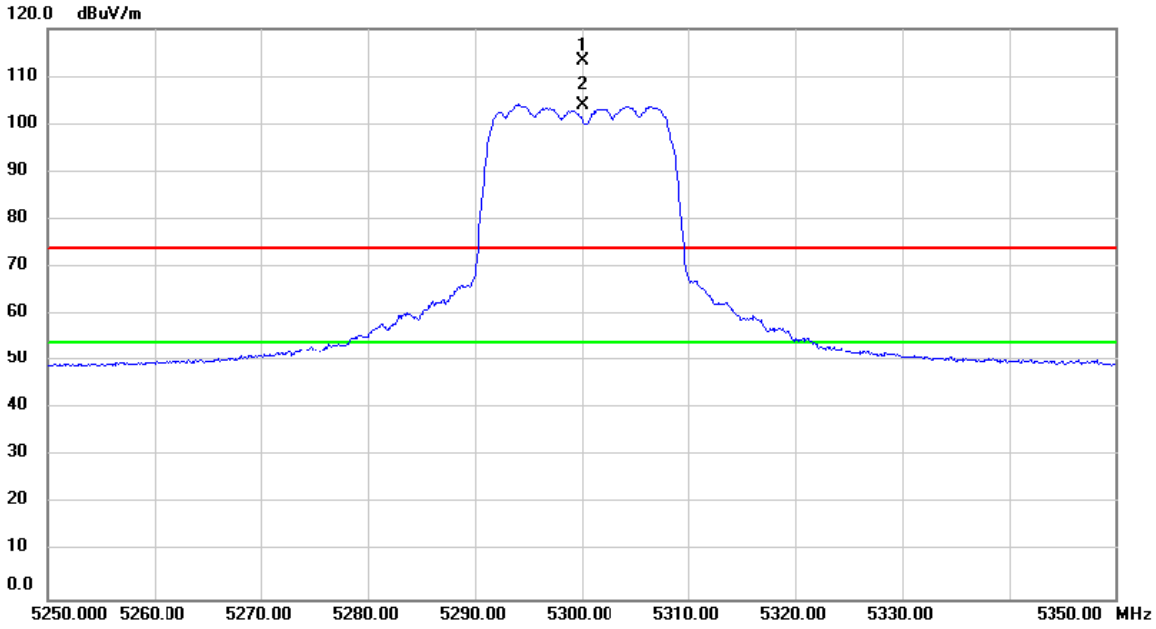
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	63.76	37.68	101.44	74.00	27.44	peak	
2	*	5260.000	54.44	37.68	92.12	54.00	38.12	AVG	

Test Mode	UNII-2A/ TX A Mode 5260MHz	Polarization	Horizontal



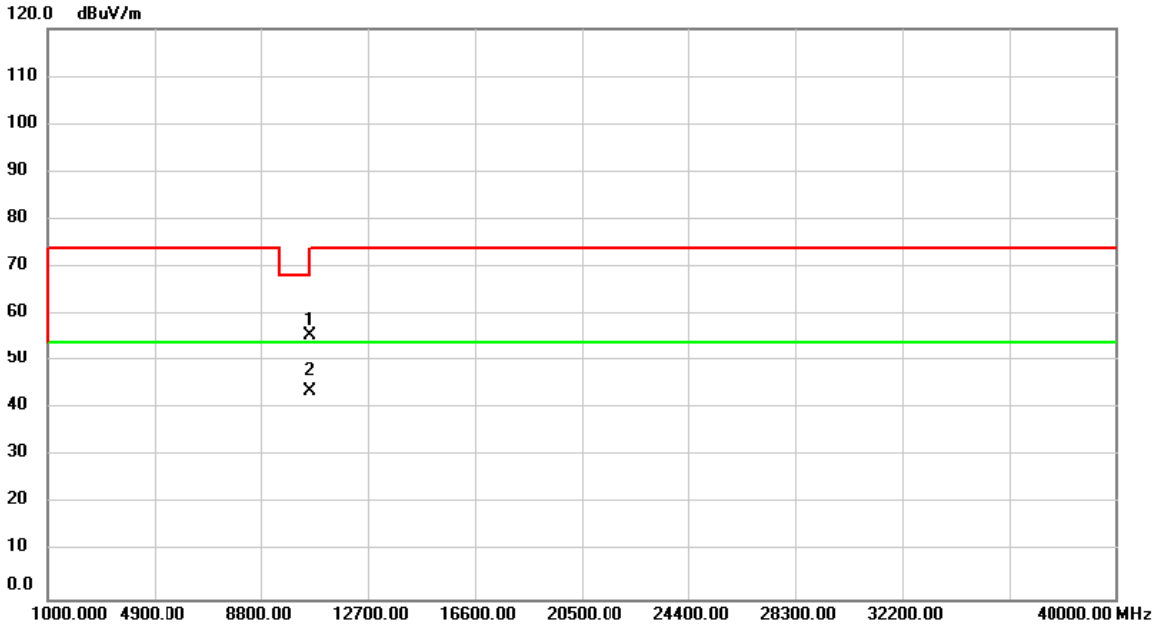
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	53.78	1.46	55.24	68.20	-12.96	peak	

Test Mode	UNII-2A/ TX A Mode 5300MHz	Polarization	Vertical



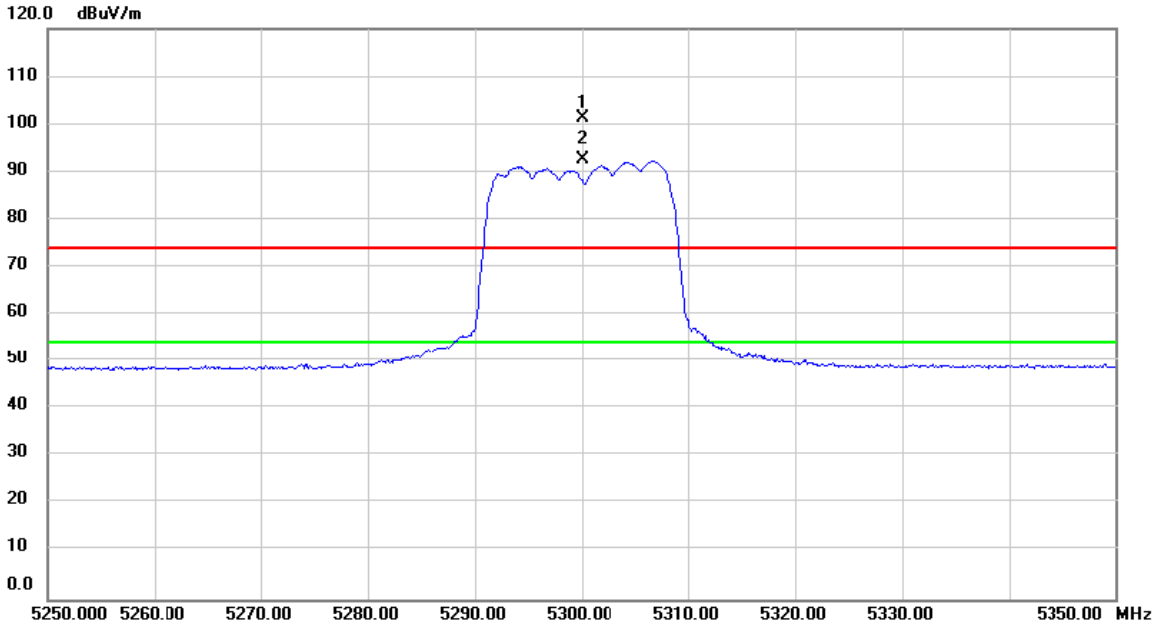
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	75.63	37.75	113.38	74.00	39.38	peak	
2	*	5300.000	66.22	37.75	103.97	54.00	49.97	AVG	

Test Mode	UNII-2A/ TX A Mode 5300MHz	Polarization	Vertical



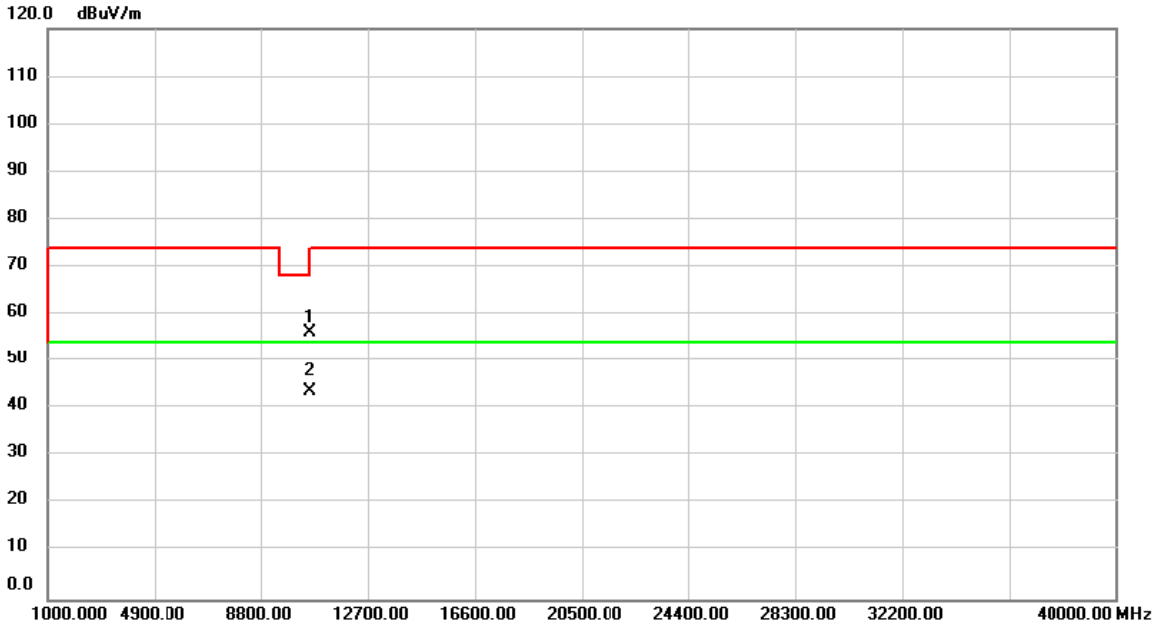
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.001	54.15	1.63	55.78	74.00	-18.22	peak	
2	*	10600.001	42.07	1.63	43.70	54.00	-10.30	AVG	

Test Mode	UNII-2A/ TX A Mode 5300MHz	Polarization	Horizontal



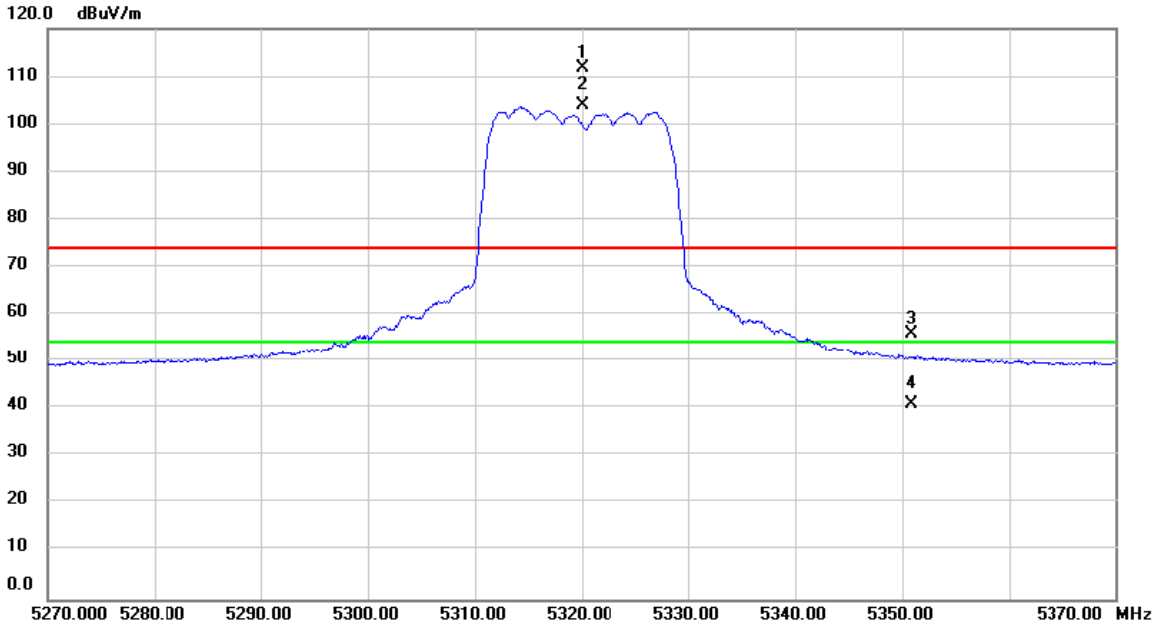
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	63.55	37.75	101.30	74.00	27.30	peak	
2	*	5300.000	54.87	37.75	92.62	54.00	38.62	AVG	

Test Mode	UNII-2A/ TX A Mode 5300MHz	Polarization	Horizontal



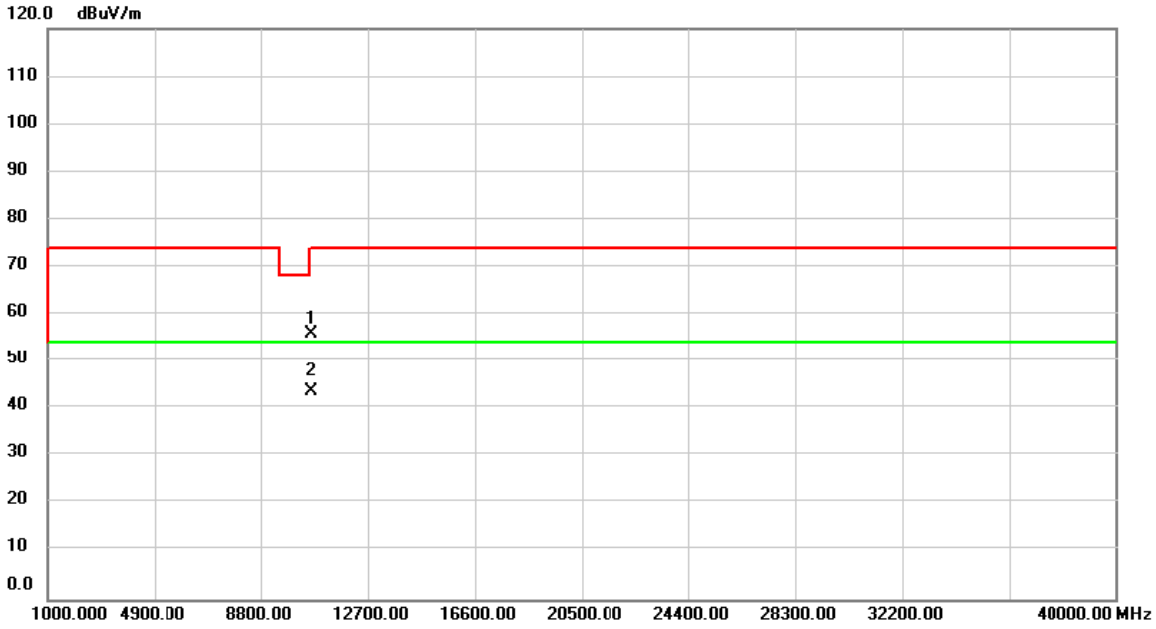
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.001	54.58	1.63	56.21	74.00	-17.79	peak	
2	*	10600.001	41.98	1.63	43.61	54.00	-10.39	AVG	

Test Mode	UNII-2A/ TX A Mode 5320MHz	Polarization	Vertical



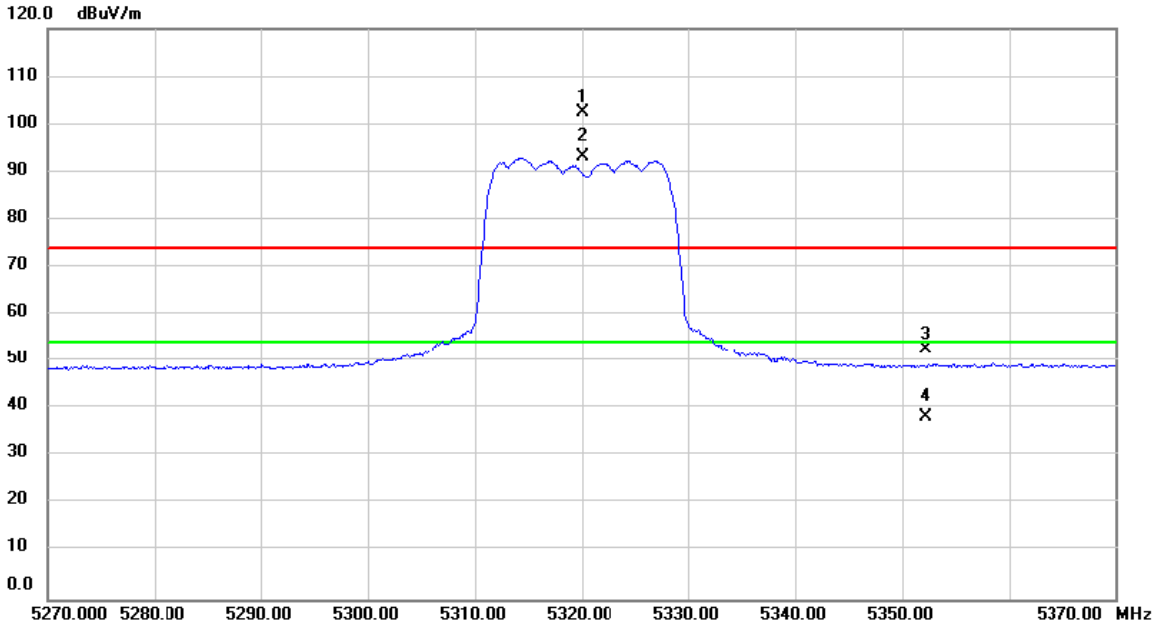
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	74.09	37.78	111.87	74.00	37.87	peak	
2	*	5320.000	66.07	37.78	103.85	54.00	49.85	AVG	
3		5350.840	18.22	37.84	56.06	74.00	-17.94	peak	
4		5350.840	3.23	37.84	41.07	54.00	-12.93	AVG	

Test Mode	UNII-2A/ TX A Mode 5320MHz	Polarization	Vertical



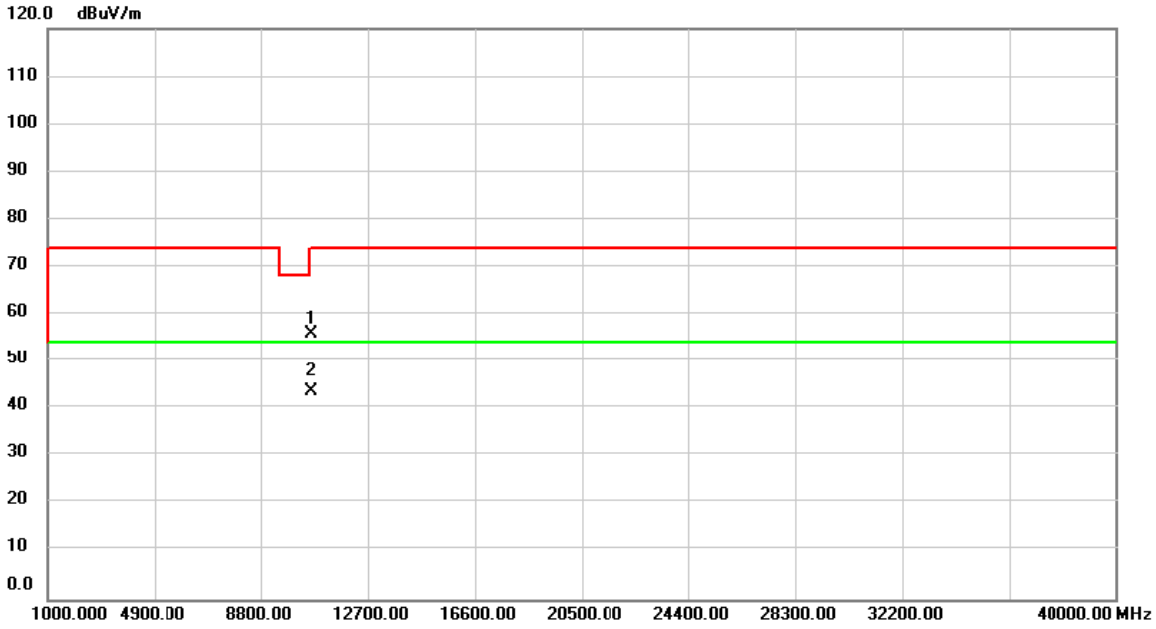
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	54.38	1.72	56.10	74.00	-17.90	peak	
2	*	10640.00	41.95	1.72	43.67	54.00	-10.33	AVG	

Test Mode	UNII-2A/ TX A Mode 5320MHz	Polarization	Horizontal



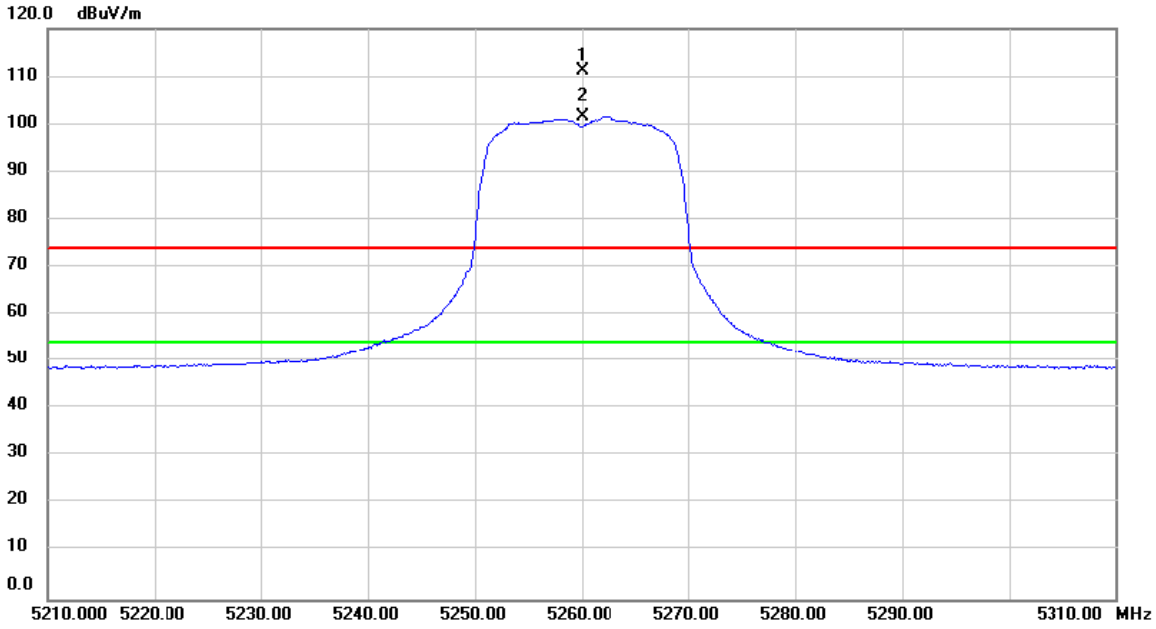
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	64.53	37.78	102.31	74.00	28.31	peak	
2	*	5320.000	55.29	37.78	93.07	54.00	39.07	AVG	
3		5352.221	14.88	37.84	52.72	74.00	-21.28	peak	
4		5352.221	0.39	37.84	38.23	54.00	-15.77	AVG	

Test Mode	UNII-2A/ TX A Mode 5320MHz	Polarization	Horizontal



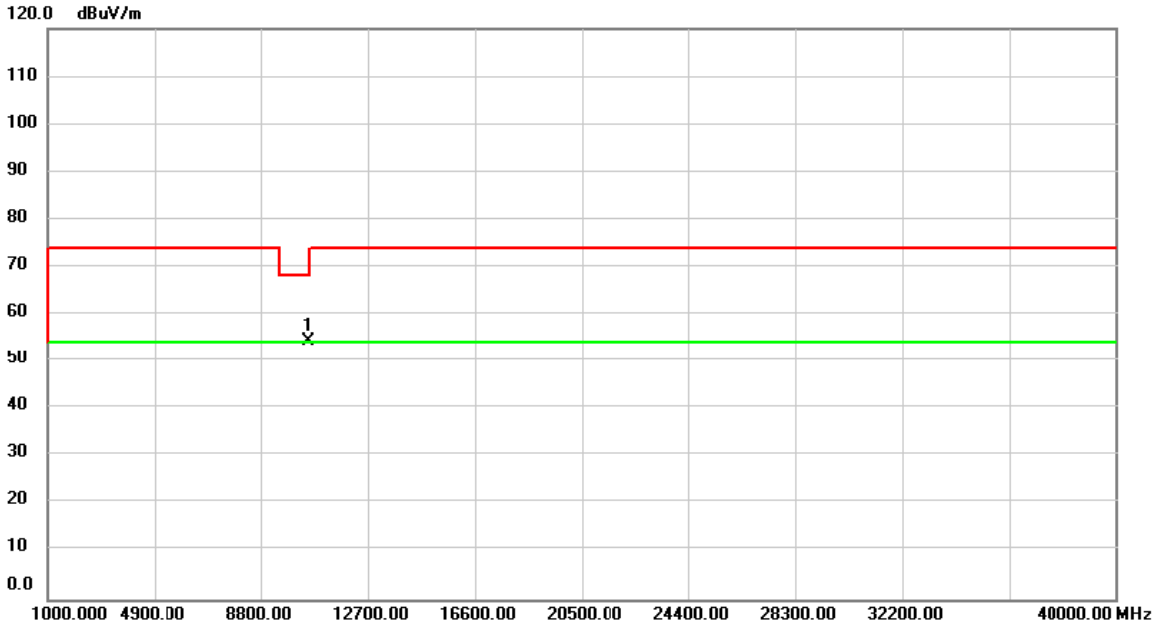
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	54.22	1.72	55.94	74.00	-18.06	peak	
2	*	10640.00	41.89	1.72	43.61	54.00	-10.39	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5260MHz	Polarization	Vertical



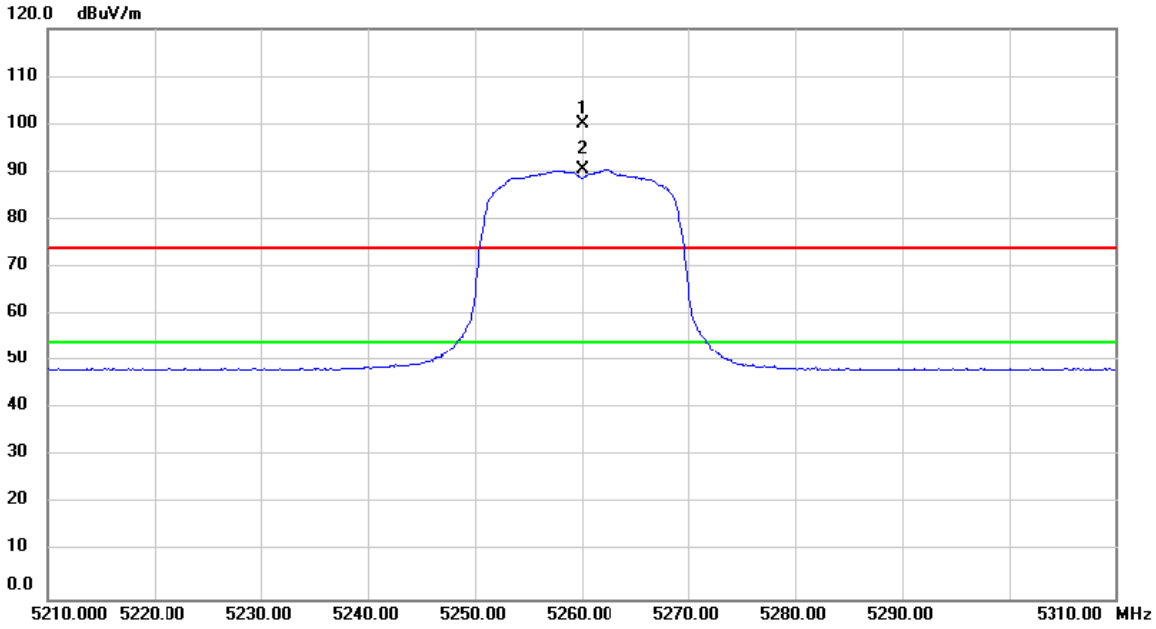
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	73.59	37.68	111.27	74.00	37.27	peak	
2	*	5260.000	63.98	37.68	101.66	54.00	47.66	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5260MHz	Polarization	Vertical



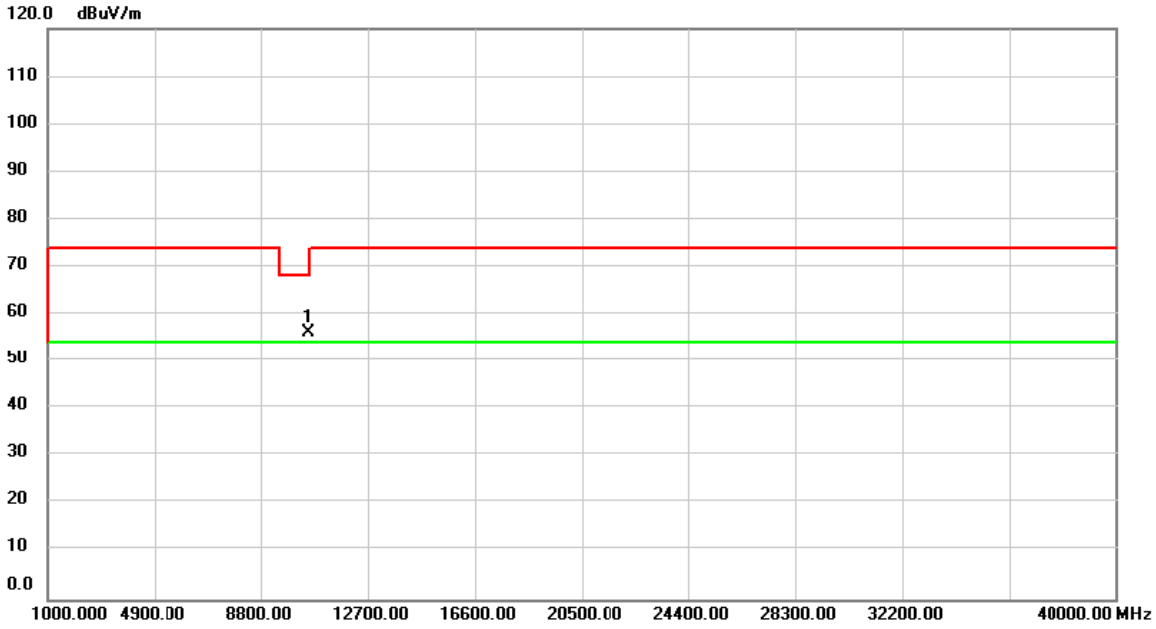
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	52.92	1.46	54.38	68.20	-13.82	peak	

Test Mode	UNII-2A/ TX N20 Mode 5260MHz	Polarization	Horizontal



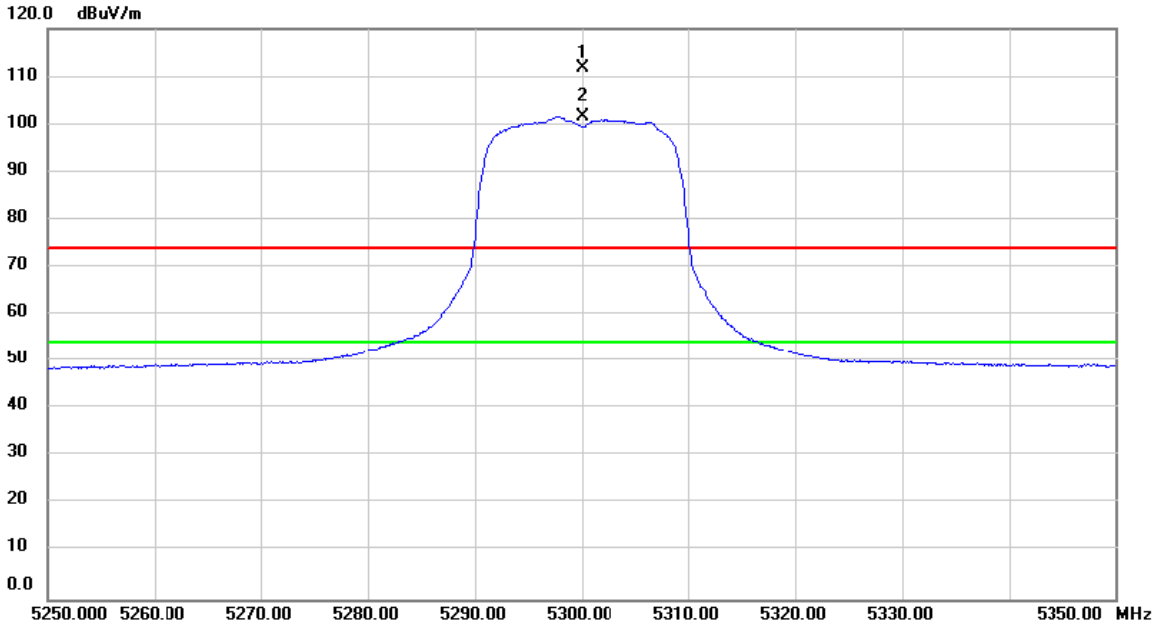
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	62.42	37.68	100.10	74.00	26.10	peak	
2	*	5260.000	52.76	37.68	90.44	54.00	36.44	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5260MHz	Polarization	Horizontal



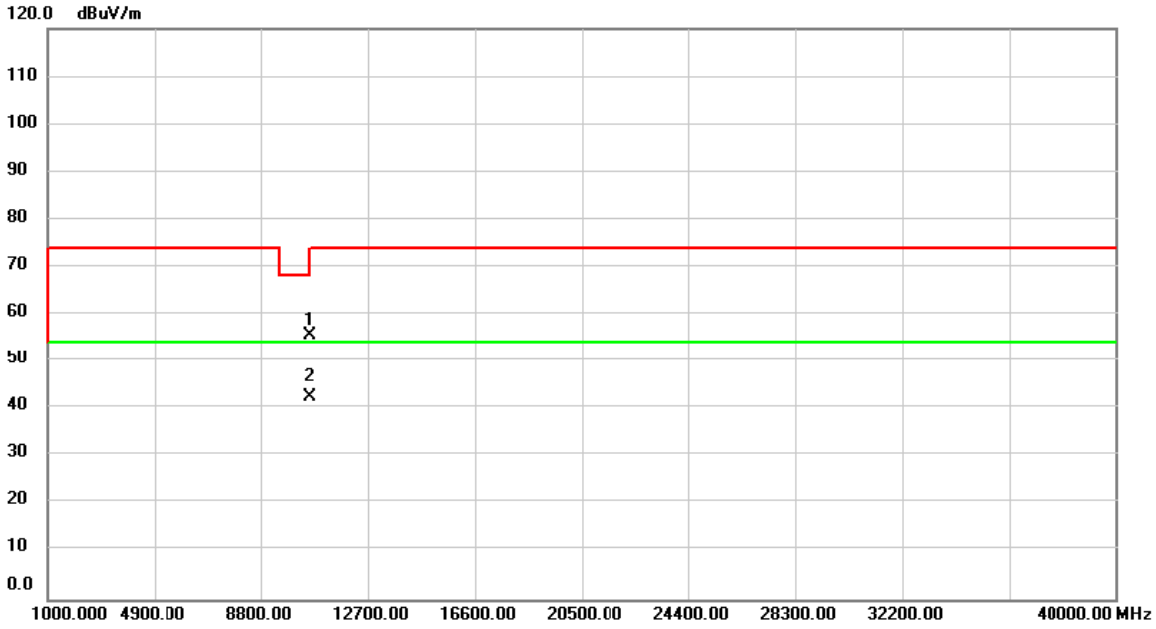
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	54.93	1.46	56.39	68.20	-11.81	peak	

Test Mode	UNII-2A/ TX N20 Mode 5300MHz	Polarization	Vertical



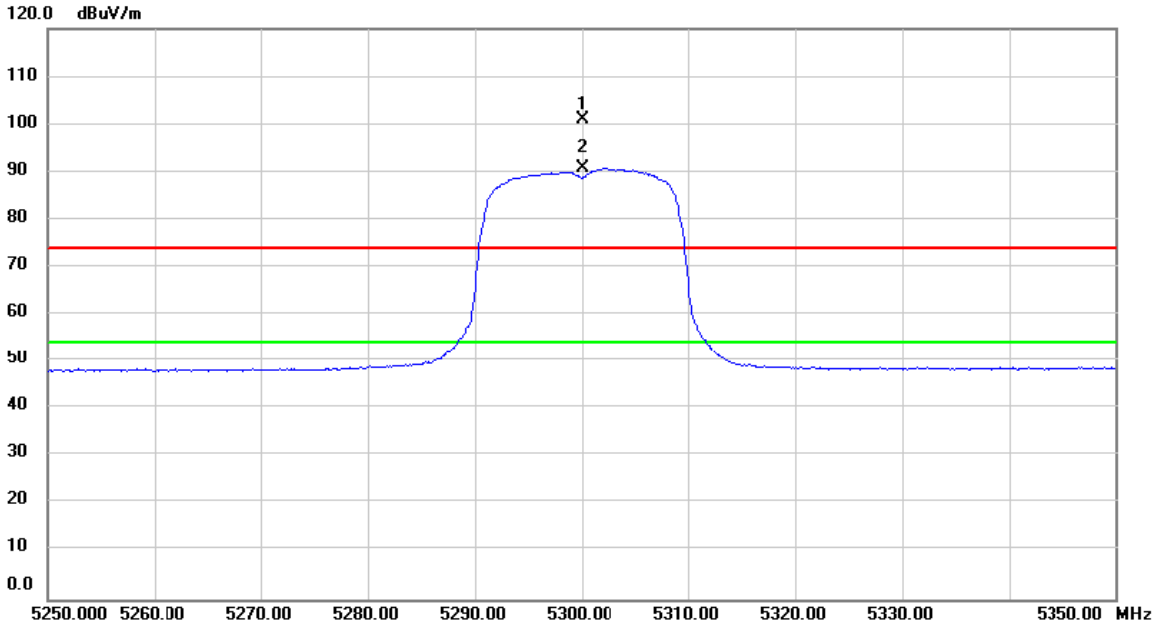
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	74.01	37.75	111.76	74.00	37.76	peak	
2	*	5300.000	63.76	37.75	101.51	54.00	47.51	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5300MHz	Polarization	Vertical



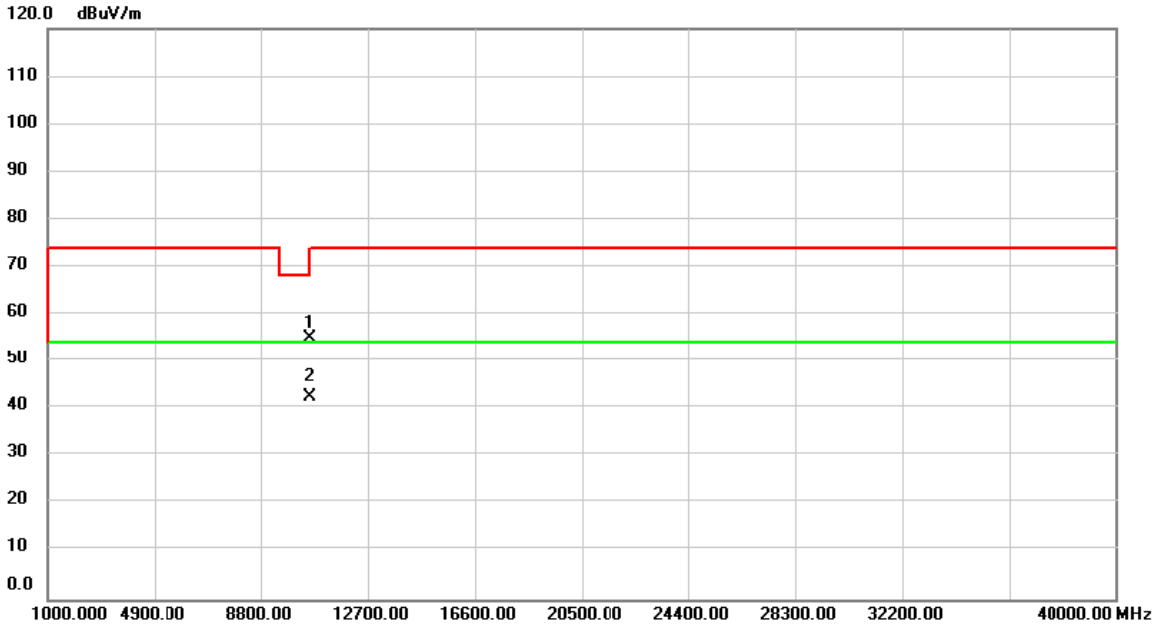
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.001	54.01	1.63	55.64	74.00	-18.36	peak	
2	*	10600.001	40.90	1.63	42.53	54.00	-11.47	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5300MHz	Polarization	Horizontal



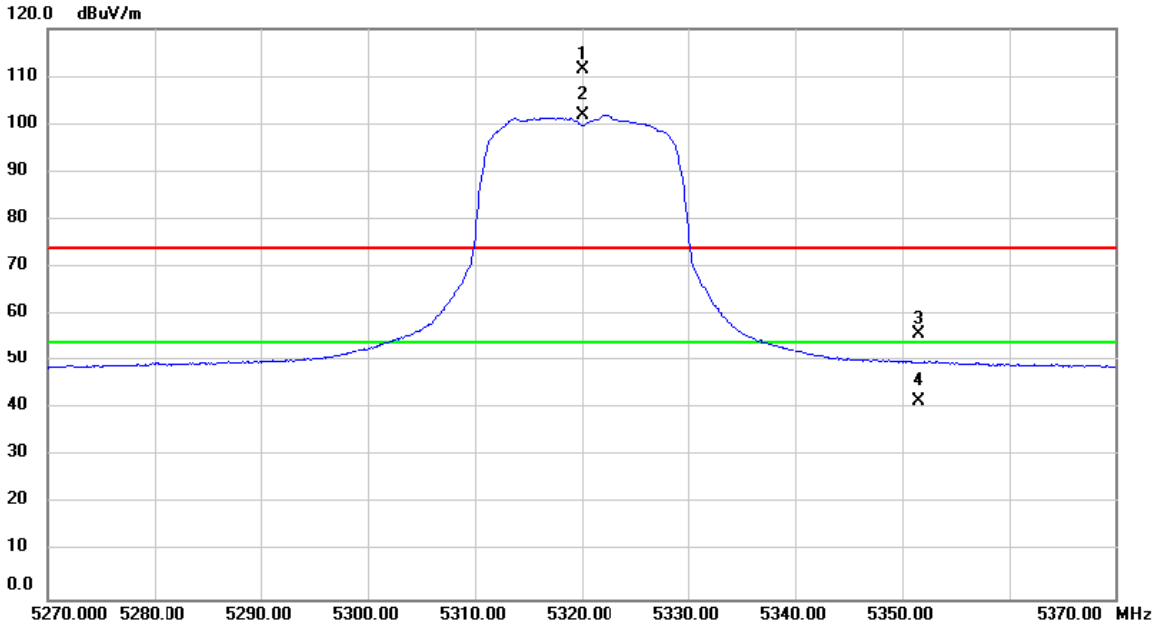
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	63.16	37.75	100.91	74.00	26.91	peak	
2	*	5300.000	53.03	37.75	90.78	54.00	36.78	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5300MHz	Polarization	Horizontal



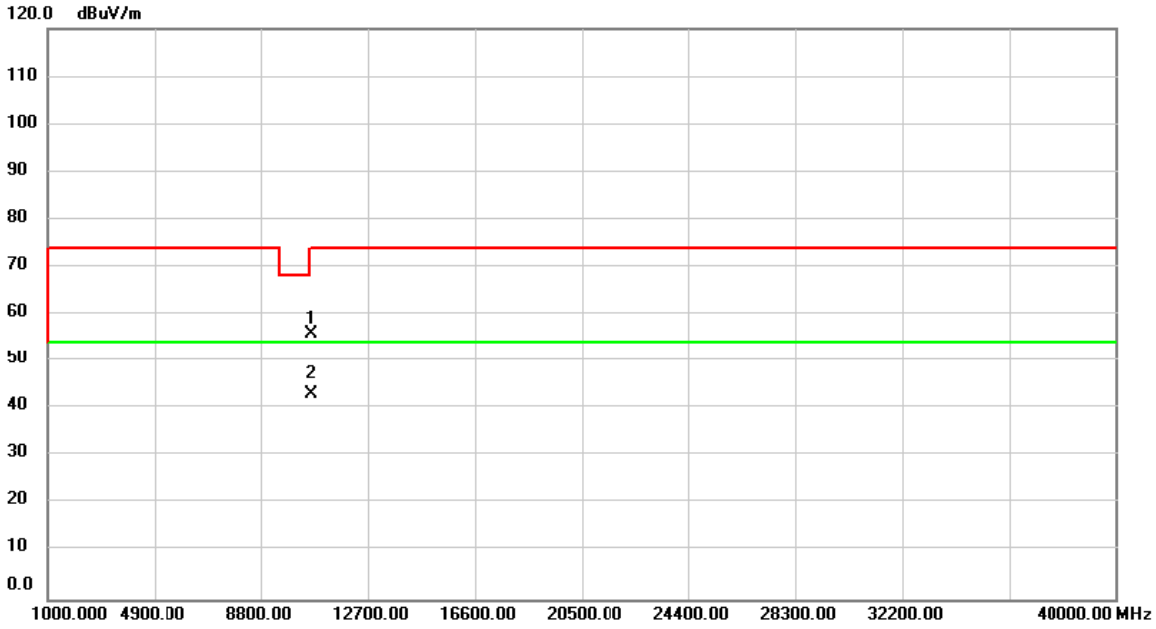
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.001	53.56	1.63	55.19	74.00	-18.81	peak	
2	*	10600.001	40.88	1.63	42.51	54.00	-11.49	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5320MHz	Polarization	Vertical



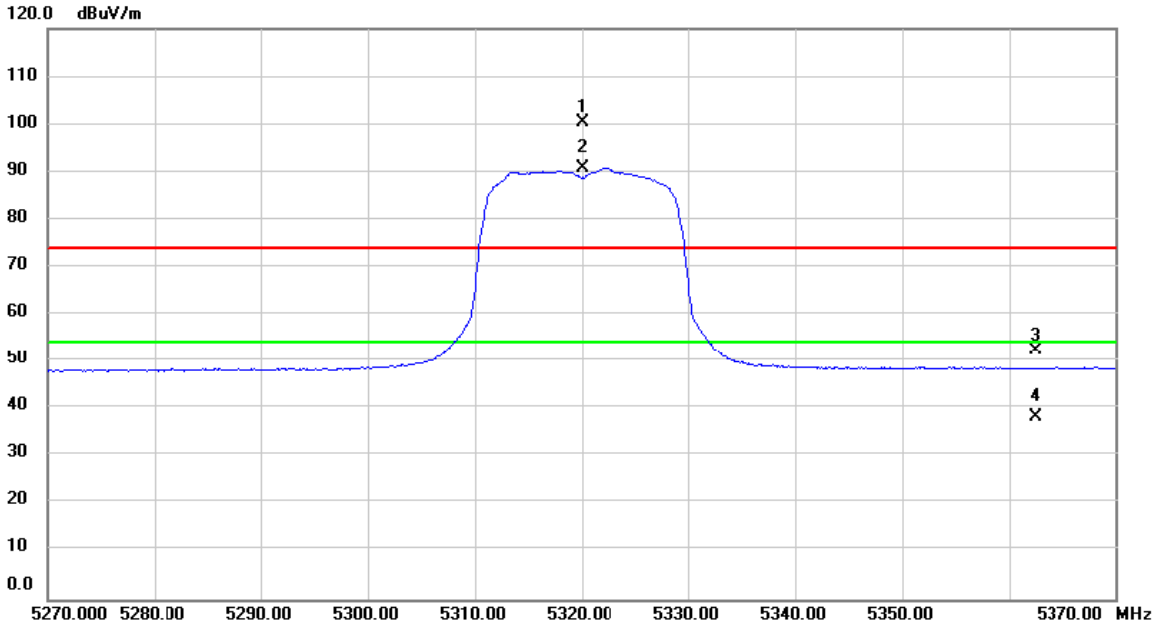
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	73.75	37.78	111.53	74.00	37.53	peak	
2	*	5320.000	64.11	37.78	101.89	54.00	47.89	AVG	
3		5351.590	18.26	37.84	56.10	74.00	-17.90	peak	
4		5351.590	3.57	37.84	41.41	54.00	-12.59	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5320MHz	Polarization	Vertical



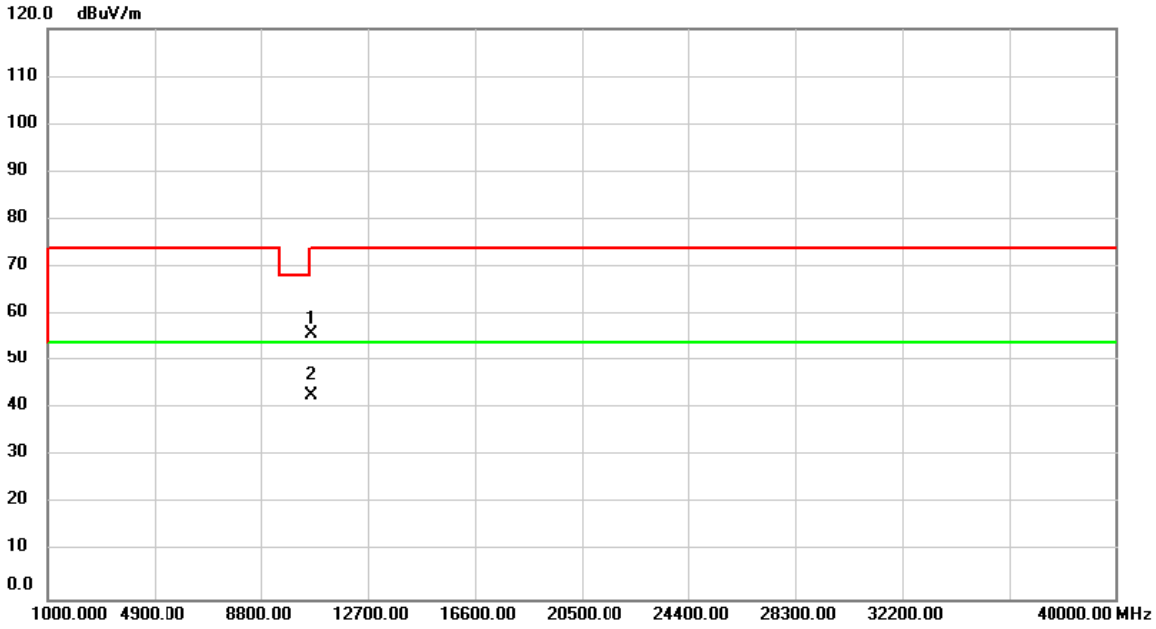
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	54.29	1.72	56.01	74.00	-17.99	peak	
2	*	10640.00	41.27	1.72	42.99	54.00	-11.01	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5320MHz	Polarization	Horizontal



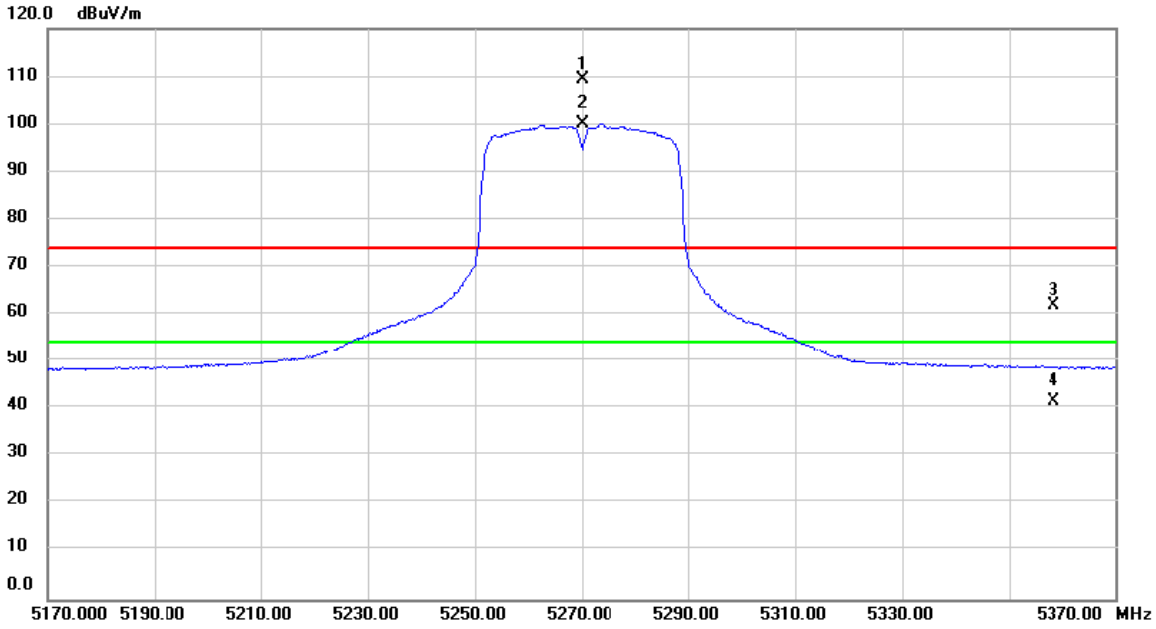
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	62.71	37.78	100.49	74.00	26.49	peak	
2	*	5320.000	53.01	37.78	90.79	54.00	36.79	AVG	
3		5362.450	14.39	37.85	52.24	74.00	-21.76	peak	
4		5362.450	0.46	37.85	38.31	54.00	-15.69	AVG	

Test Mode	UNII-2A/ TX N20 Mode 5320MHz	Polarization	Horizontal



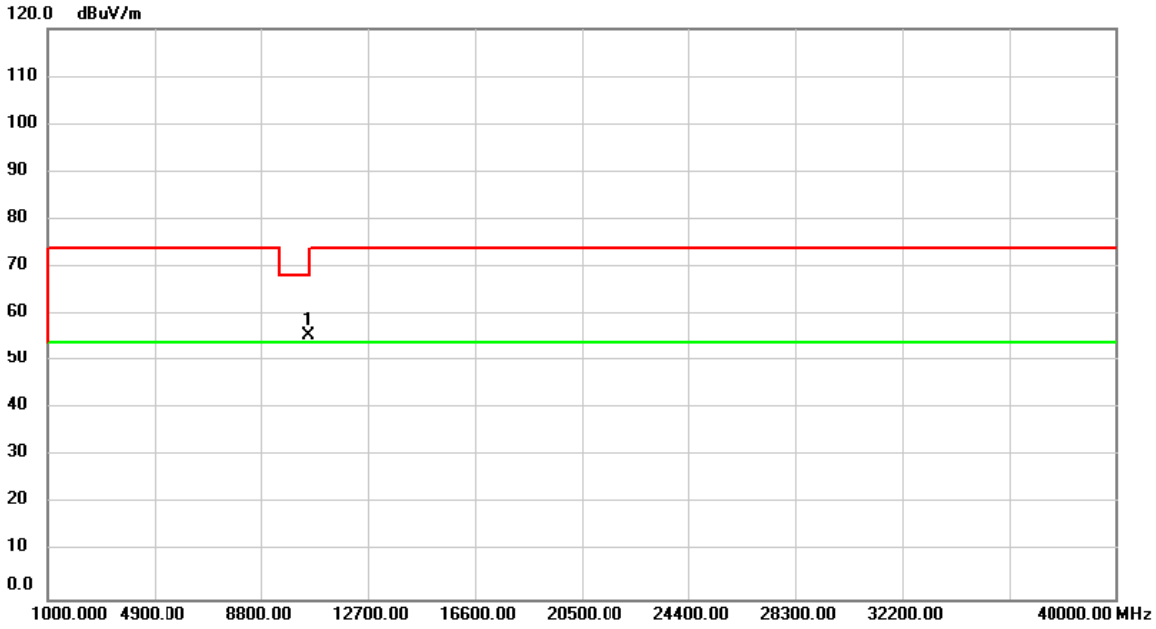
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	54.27	1.72	55.99	74.00	-18.01	peak	
2	*	10640.00	41.06	1.72	42.78	54.00	-11.22	AVG	

Test Mode	UNII-2A/ TX N40 Mode 5270MHz	Polarization	Vertical



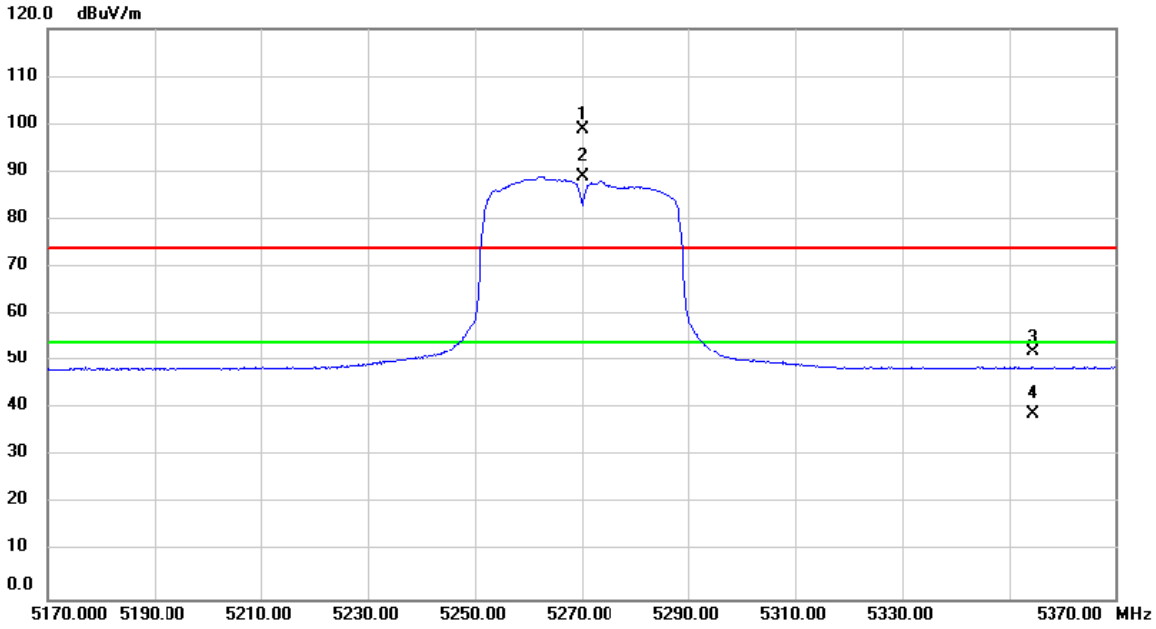
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5270.000	71.79	37.70	109.49	74.00	35.49	peak	
2	*	5270.000	62.41	37.70	100.11	54.00	46.11	AVG	
3		5358.440	24.14	37.85	61.99	74.00	-12.01	peak	
4		5358.440	3.76	37.85	41.61	54.00	-12.39	AVG	

Test Mode	UNII-2A/ TX N40 Mode 5270MHz	Polarization	Vertical



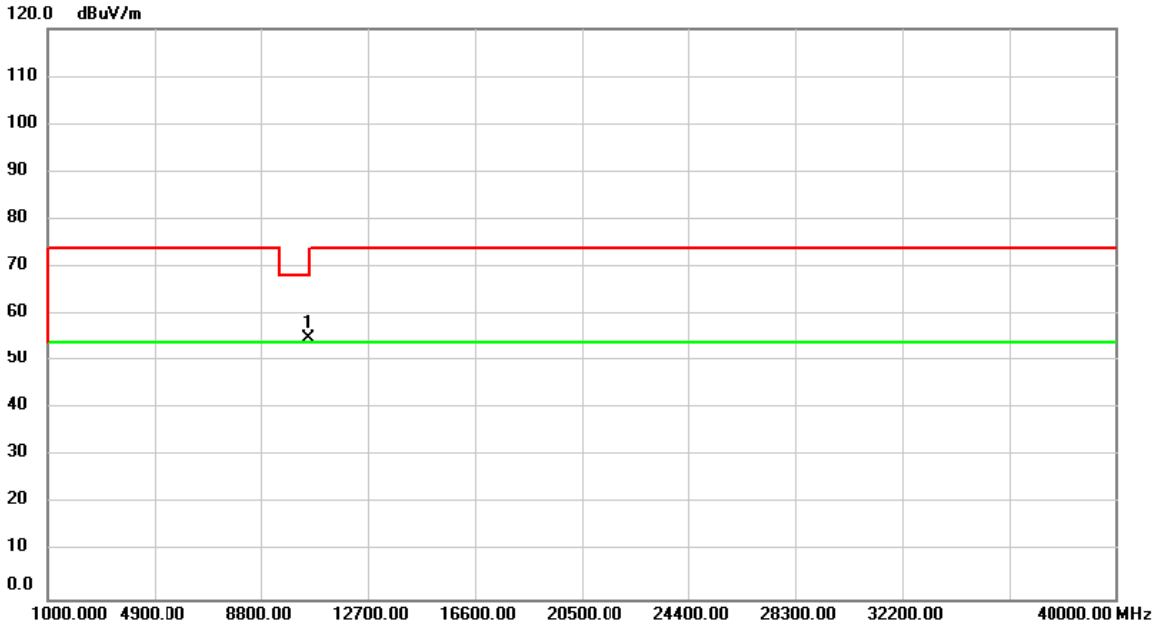
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10540.00	54.06	1.50	55.56	68.20	-12.64	peak	

Test Mode	UNII-2A/ TX N40 Mode 5270MHz	Polarization	Horizontal



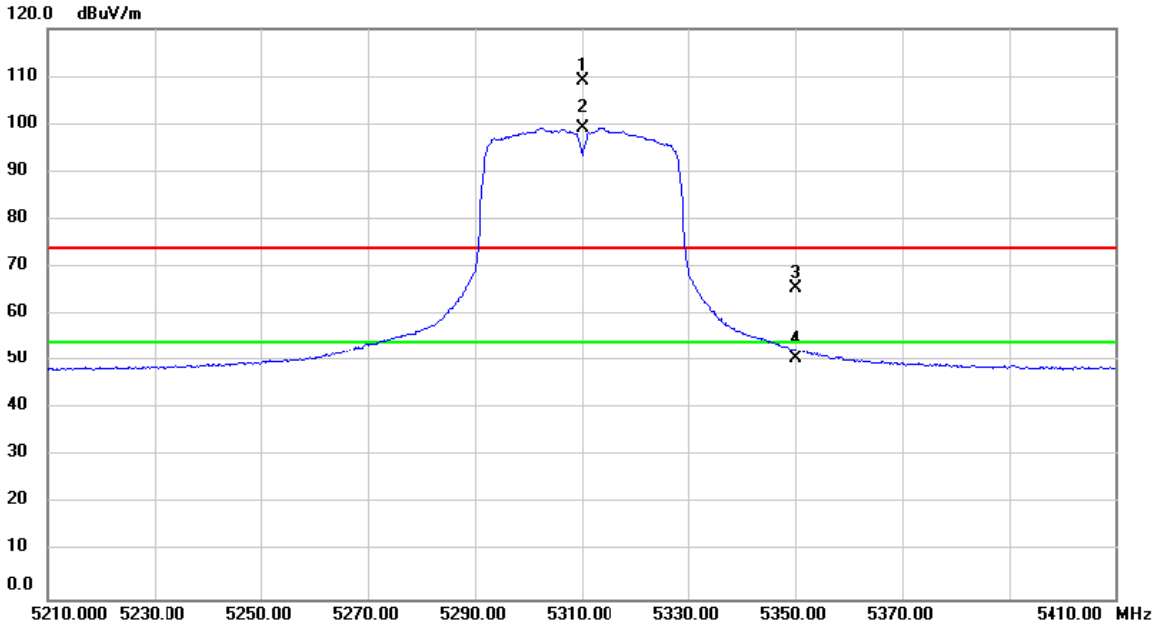
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5270.000	61.02	37.70	98.72	74.00	24.72	peak	
2	*	5270.000	51.30	37.70	89.00	54.00	35.00	AVG	
3		5354.280	14.33	37.85	52.18	74.00	-21.82	peak	
4		5354.280	0.96	37.85	38.81	54.00	-15.19	AVG	

Test Mode	UNII-2A/ TX N40 Mode 5270MHz	Polarization	Horizontal



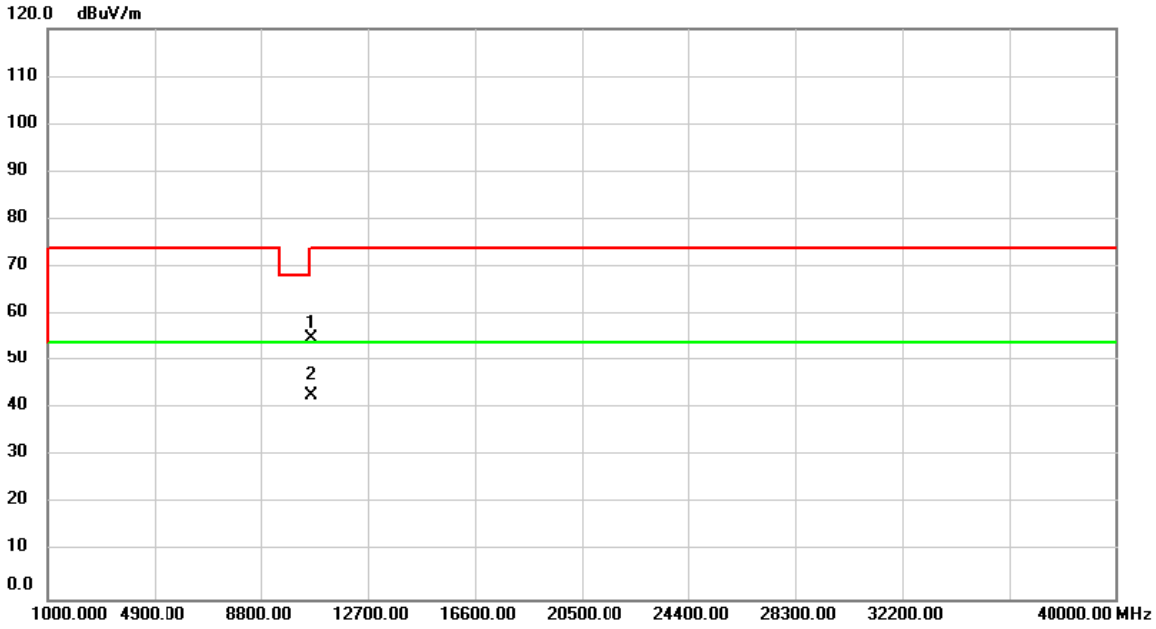
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10540.00	53.69	1.50	55.19	68.20	-13.01	peak	

Test Mode	UNII-2A/ TX N40 Mode 5310MHz	Polarization	Vertical



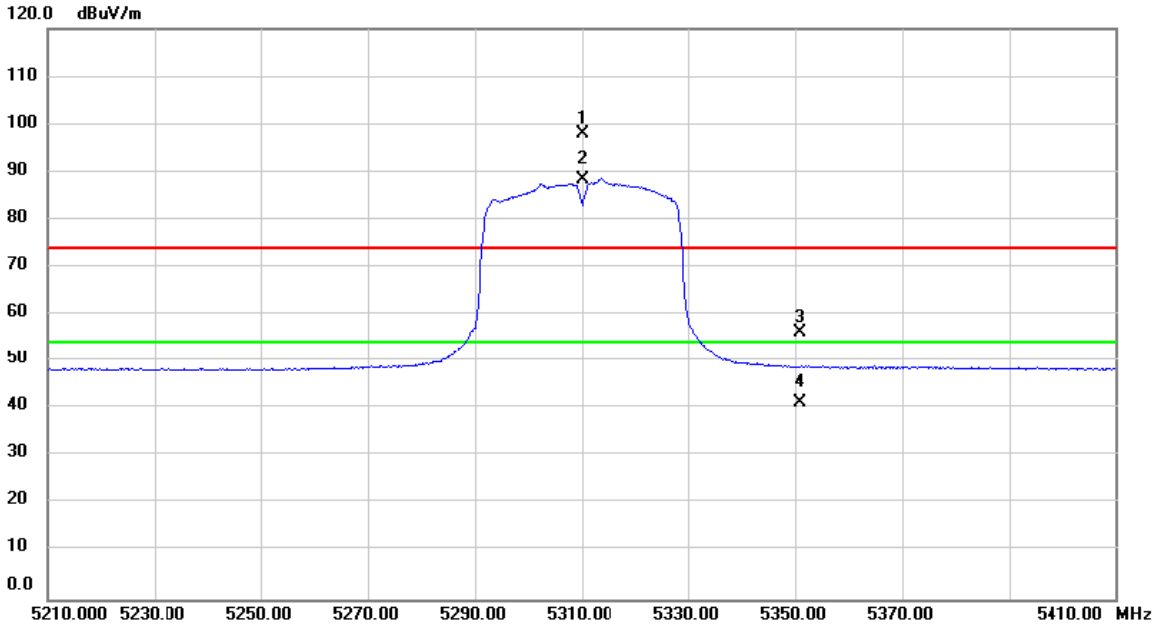
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5310.000	71.17	37.77	108.94	74.00	34.94	peak	
2	*	5310.000	61.45	37.77	99.22	54.00	45.22	AVG	
3		5350.180	27.85	37.84	65.69	74.00	-8.31	peak	
4		5350.180	12.75	37.84	50.59	54.00	-3.41	AVG	

Test Mode	UNII-2A/ TX N40 Mode 5310MHz	Polarization	Vertical



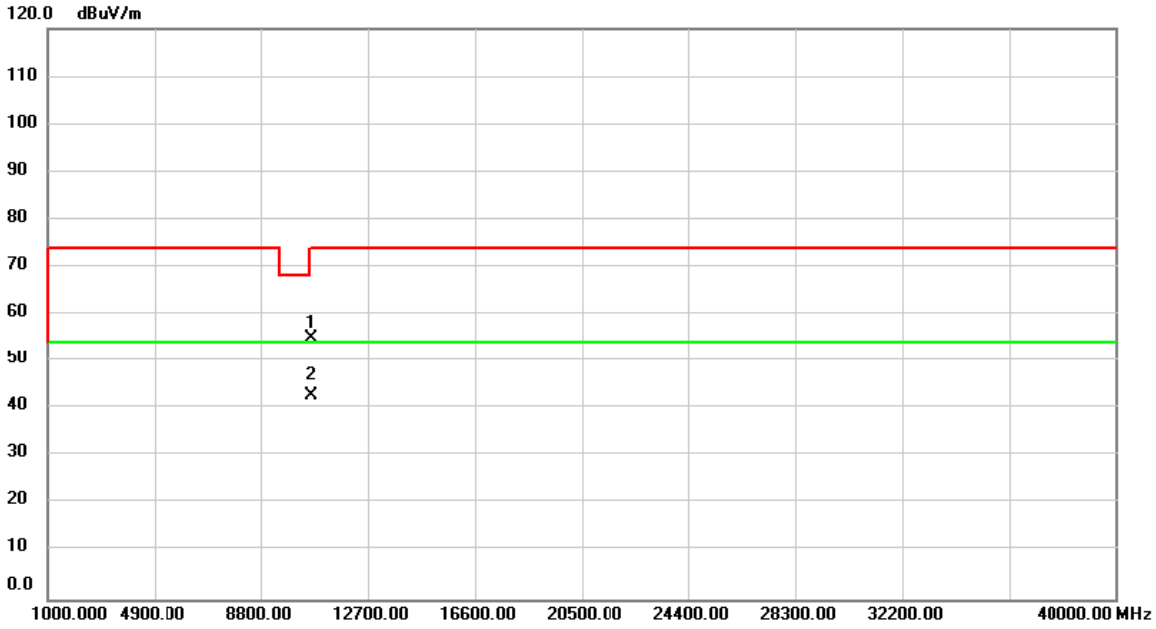
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10620.00	53.24	1.67	54.91	74.00	-19.09	peak	
2	*	10620.00	41.04	1.67	42.71	54.00	-11.29	AVG	

Test Mode	UNII-2A/ TX N40 Mode 5310MHz	Polarization	Horizontal



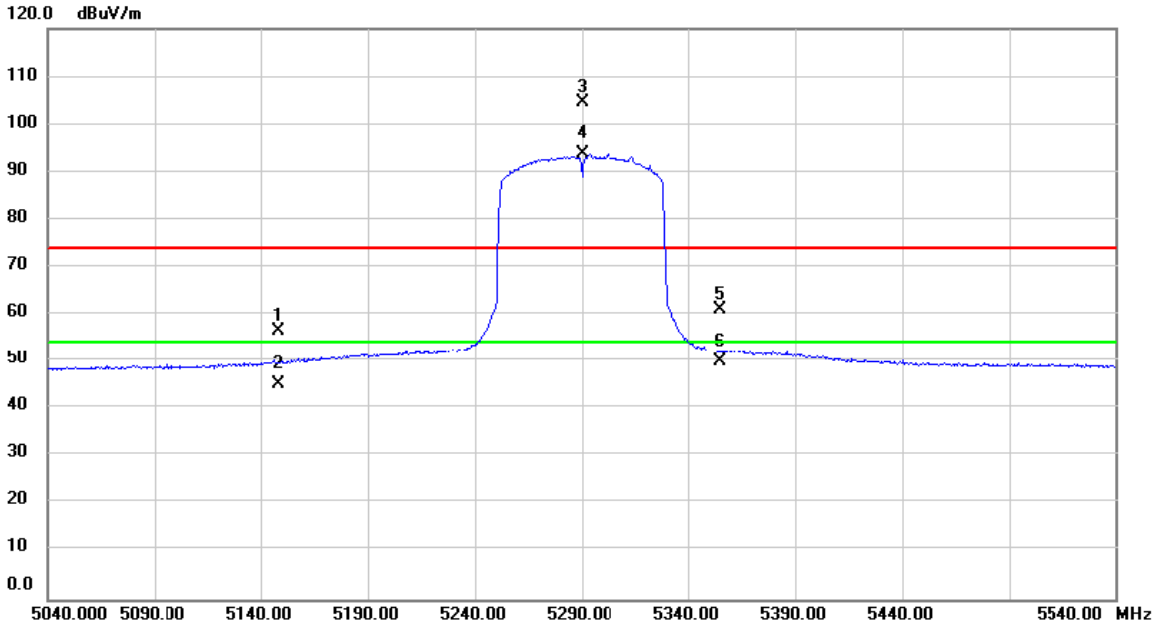
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5310.000	60.09	37.77	97.86	74.00	23.86	peak	
2	*	5310.000	50.64	37.77	88.41	54.00	34.41	AVG	
3		5350.960	18.27	37.84	56.11	74.00	-17.89	peak	
4		5350.960	3.53	37.84	41.37	54.00	-12.63	AVG	

Test Mode	UNII-2A/ TX N40 Mode 5310MHz	Polarization	Horizontal



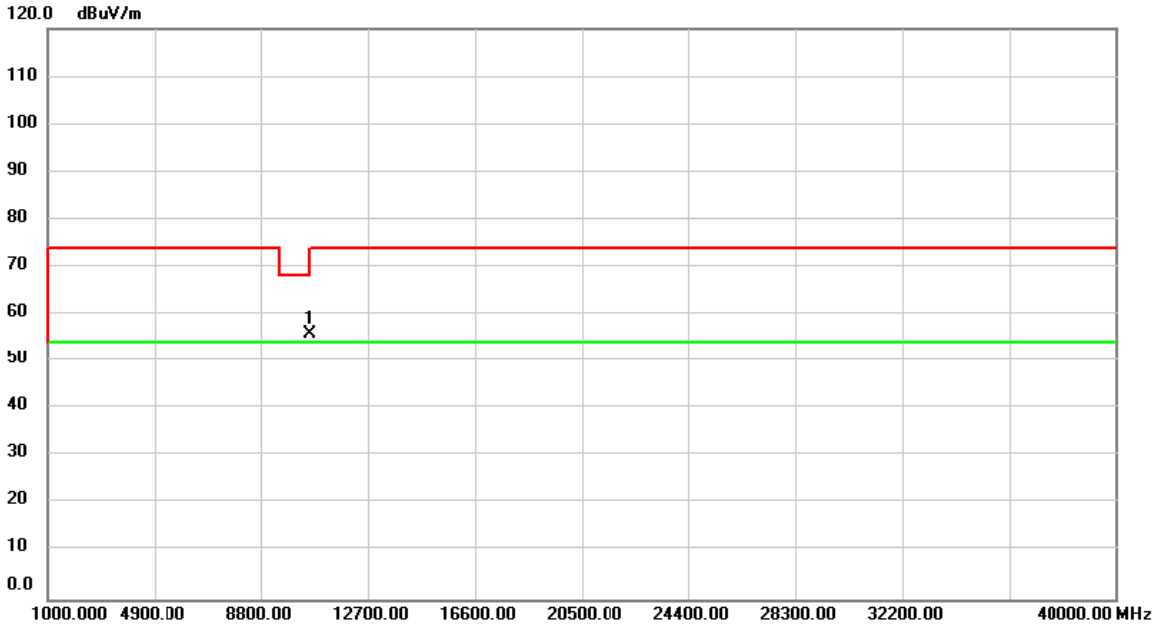
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10620.00	53.24	1.67	54.91	74.00	-19.09	peak	
2	*	10620.00	41.04	1.67	42.71	54.00	-11.29	AVG	

Test Mode	UNII-2A/ TX AC80 Mode 5290MHz	Polarization	Vertical



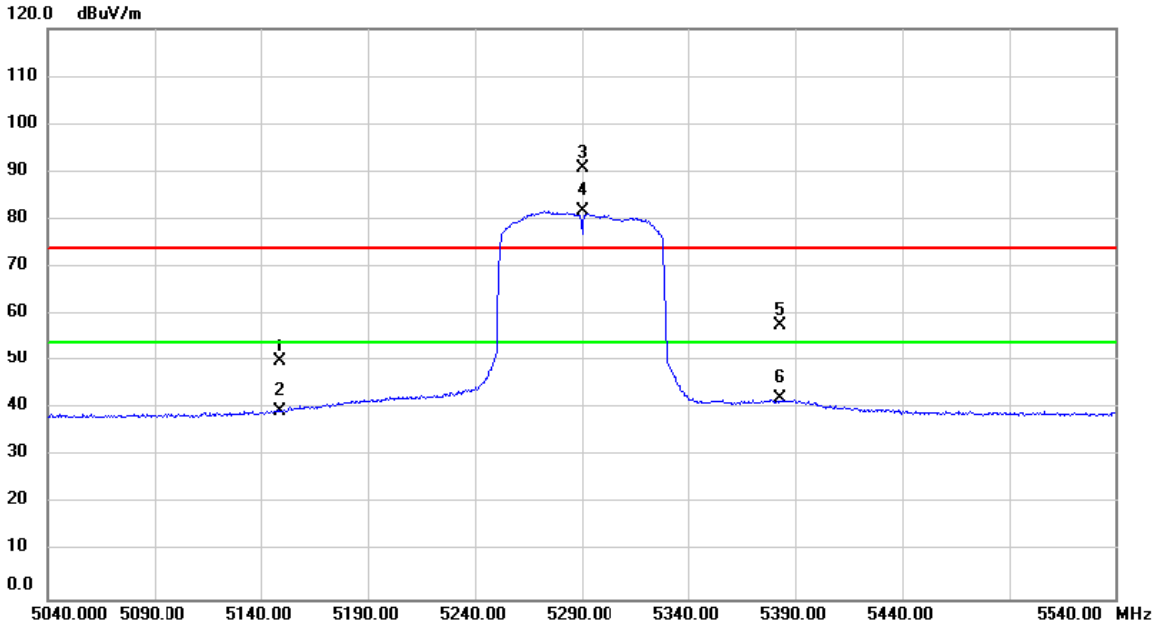
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5148.130	19.01	37.49	56.50	74.00	-17.50	peak	
2		5148.130	7.65	37.49	45.14	54.00	-8.86	AVG	
3	X	5290.000	66.79	37.73	104.52	74.00	30.52	peak	
4	*	5290.000	56.02	37.73	93.75	54.00	39.75	AVG	
5		5354.750	23.34	37.85	61.19	74.00	-12.81	peak	
6		5354.750	12.24	37.85	50.09	54.00	-3.91	AVG	

Test Mode	UNII-2A/ TX AC80 Mode 5290MHz	Polarization	Vertical



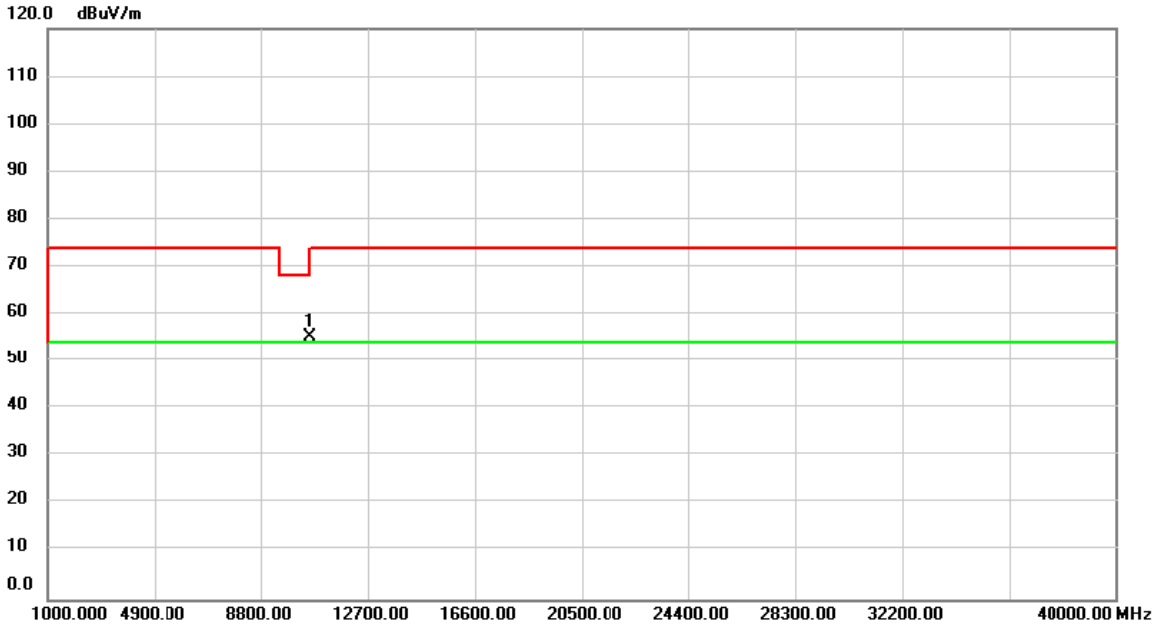
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10580.00	54.45	1.59	56.04	68.20	-12.16	peak	

Test Mode	UNII-2A/ TX AC80 Mode 5290MHz	Polarization	Horizontal



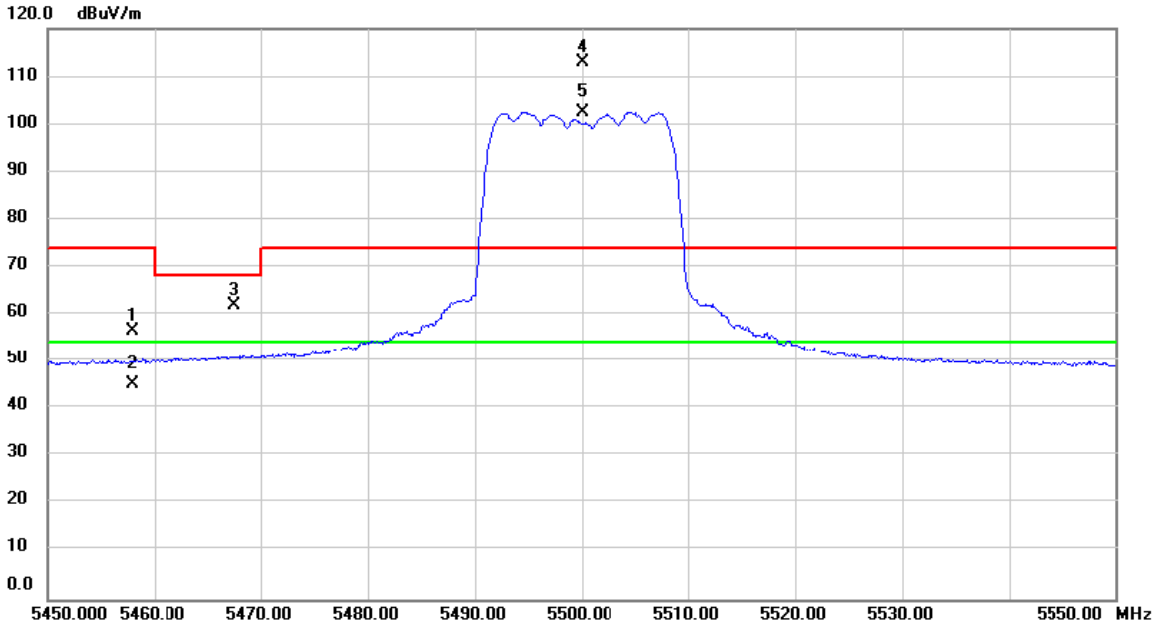
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.010	12.35	37.49	49.84	74.00	-24.16	peak	
2		5149.010	1.99	37.49	39.48	54.00	-14.52	AVG	
3	X	5290.000	52.90	37.73	90.63	74.00	16.63	peak	
4	*	5290.000	44.00	37.73	81.73	54.00	27.73	AVG	
5		5382.870	19.86	37.89	57.75	74.00	-16.25	peak	
6		5382.870	4.22	37.89	42.11	54.00	-11.89	AVG	

Test Mode	UNII-2A/ TX AC80 Mode 5290MHz	Polarization	Horizontal



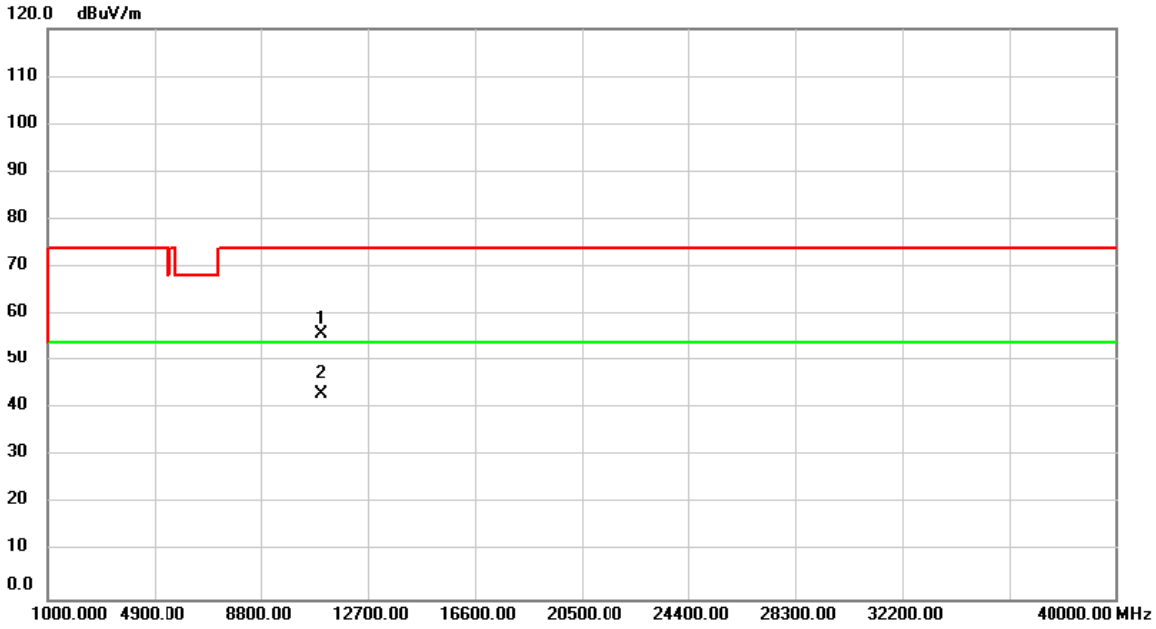
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10580.00	53.70	1.59	55.29	68.20	-12.91	peak	

Test Mode	UNII-2C/ TX A Mode 5500MHz	Polarization	Vertical



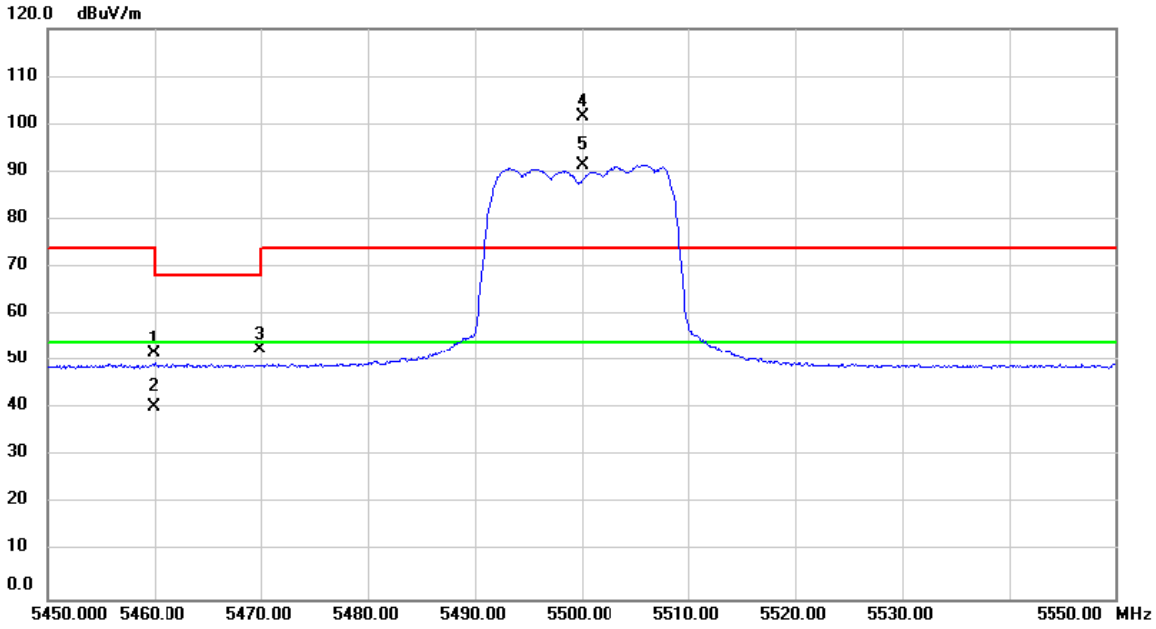
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5457.880	18.49	38.02	56.51	74.00	-17.49	peak	
2		5457.880	7.24	38.02	45.26	54.00	-8.74	AVG	
3		5467.520	23.88	38.03	61.91	68.20	-6.29	peak	
4	X	5500.000	74.72	38.09	112.81	74.00	38.81	peak	No Limit
5	*	5500.000	64.43	38.09	102.52	54.00	48.52	AVG	No Limit

Test Mode	UNII-2C/ TX A Mode 5500MHz	Polarization	Vertical



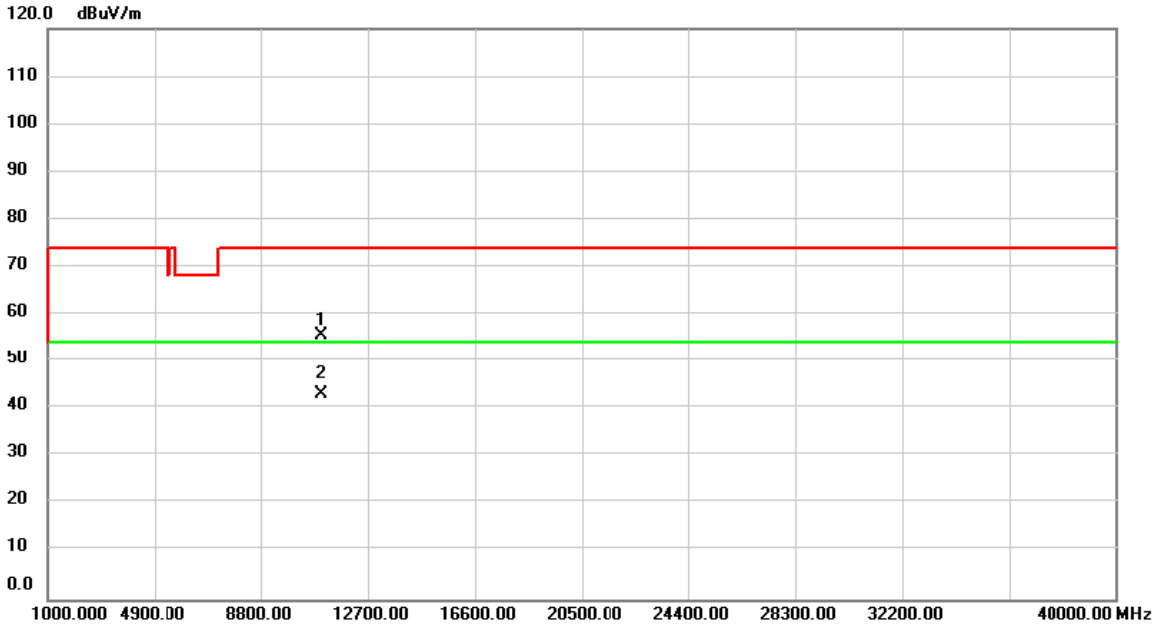
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	53.37	2.49	55.86	74.00	-18.14	peak	
2	*	11000.00	40.47	2.49	42.96	54.00	-11.04	AVG	

Test Mode	UNII-2C/ TX A Mode 5500MHz	Polarization	Horizontal



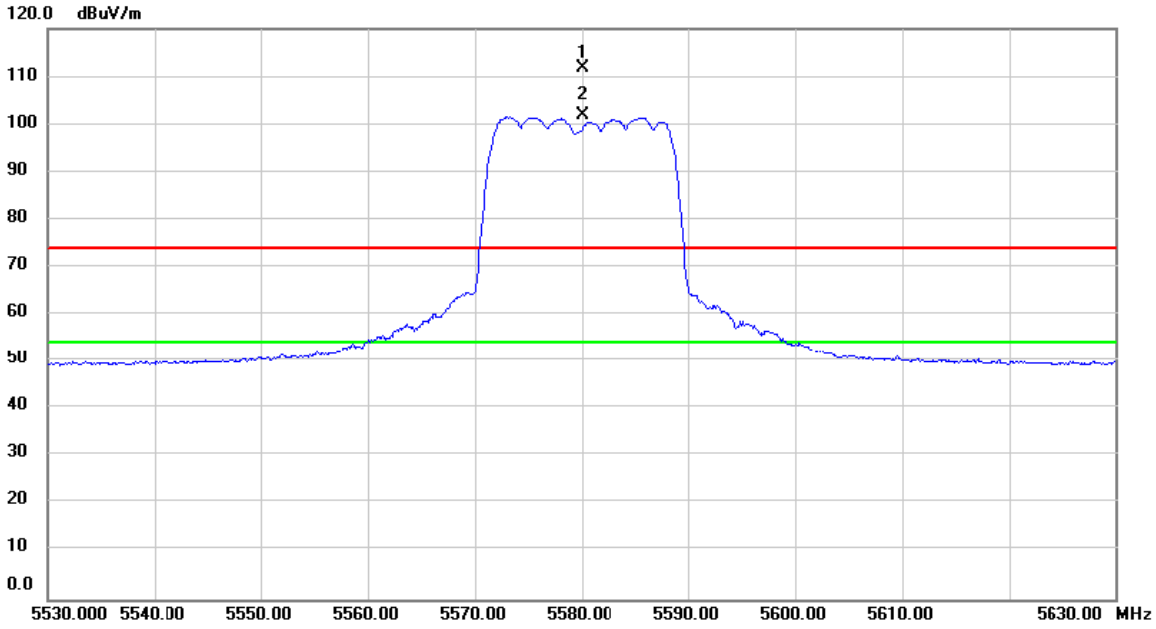
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5459.940	13.72	38.02	51.74	74.00	-22.26	peak	
2		5459.940	2.18	38.02	40.20	54.00	-13.80	AVG	
3		5469.890	14.55	38.03	52.58	68.20	-15.62	peak	
4	X	5500.000	63.36	38.09	101.45	74.00	27.45	peak	No Limit
5	*	5500.000	53.30	38.09	91.39	54.00	37.39	AVG	No Limit

Test Mode	UNII-2C/ TX A Mode 5500MHz	Polarization	Horizontal



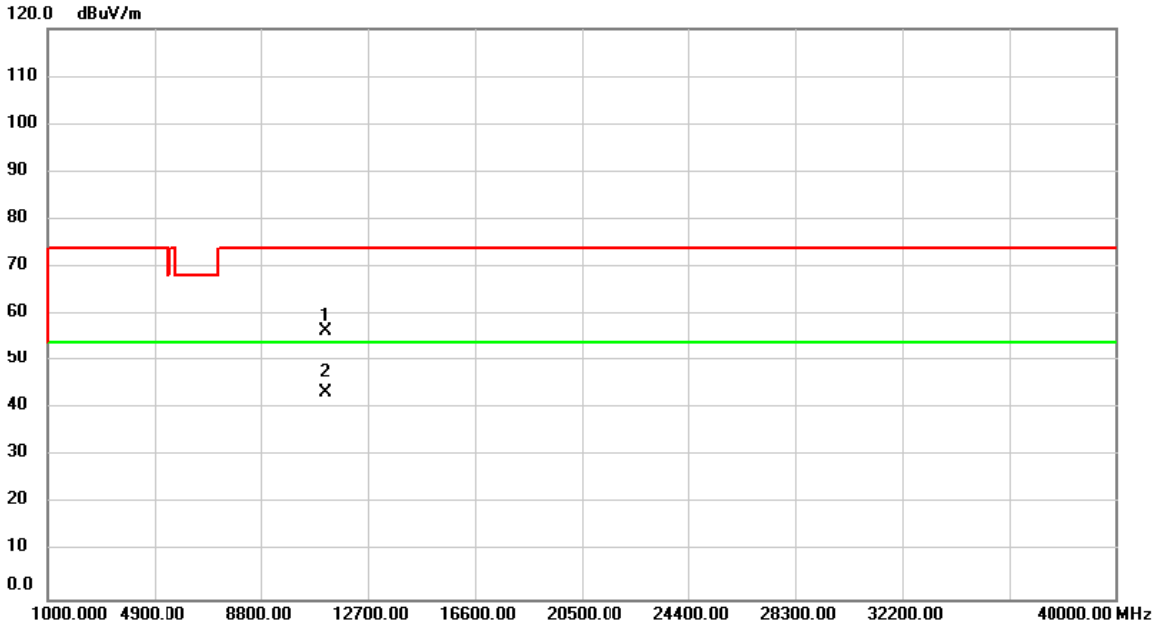
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	53.05	2.49	55.54	74.00	-18.46	peak	
2	*	11000.00	40.63	2.49	43.12	54.00	-10.88	AVG	

Test Mode	UNII-2C/ TX A Mode 5580MHz	Polarization	Vertical



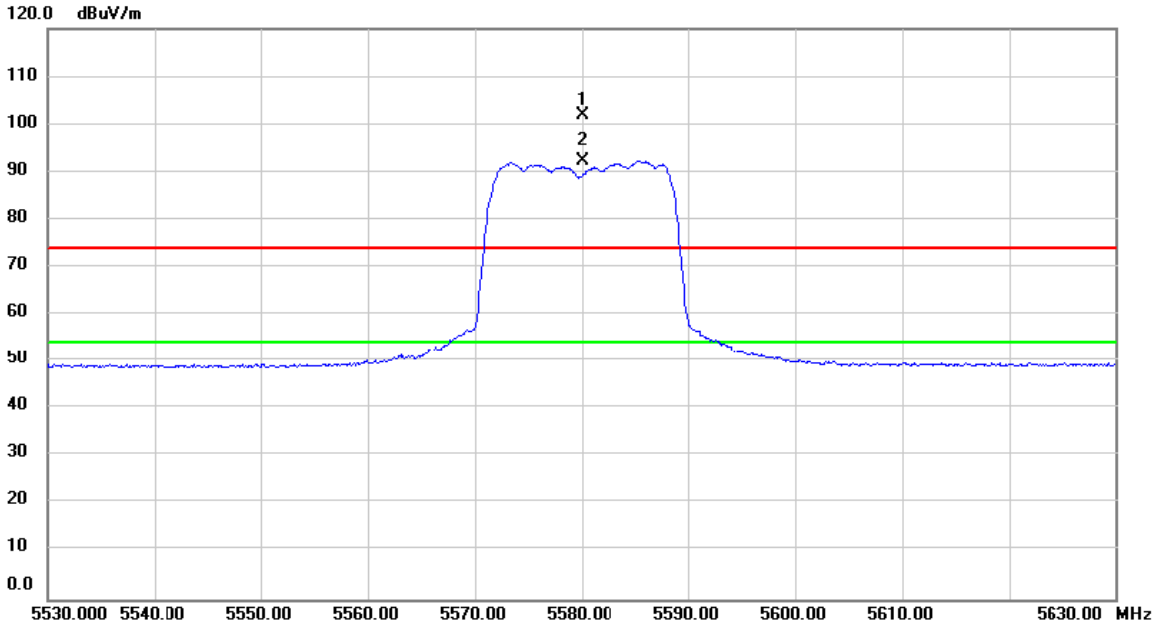
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	73.33	38.29	111.62	74.00	37.62	peak	No Limit
2	*	5580.000	63.52	38.29	101.81	54.00	47.81	AVG	No Limit

Test Mode	UNII-2C/ TX A Mode 5580MHz	Polarization	Vertical



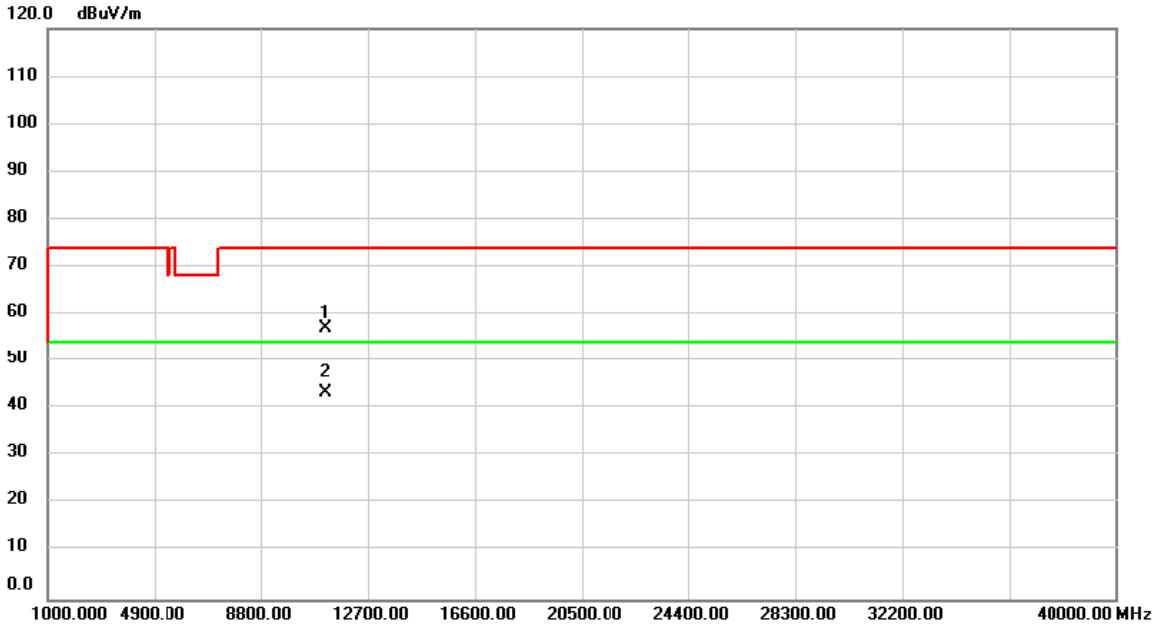
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	53.95	2.69	56.64	74.00	-17.36	peak	
2	*	11160.00	40.73	2.69	43.42	54.00	-10.58	AVG	

Test Mode	UNII-2C/ TX A Mode 5580MHz	Polarization	Horizontal



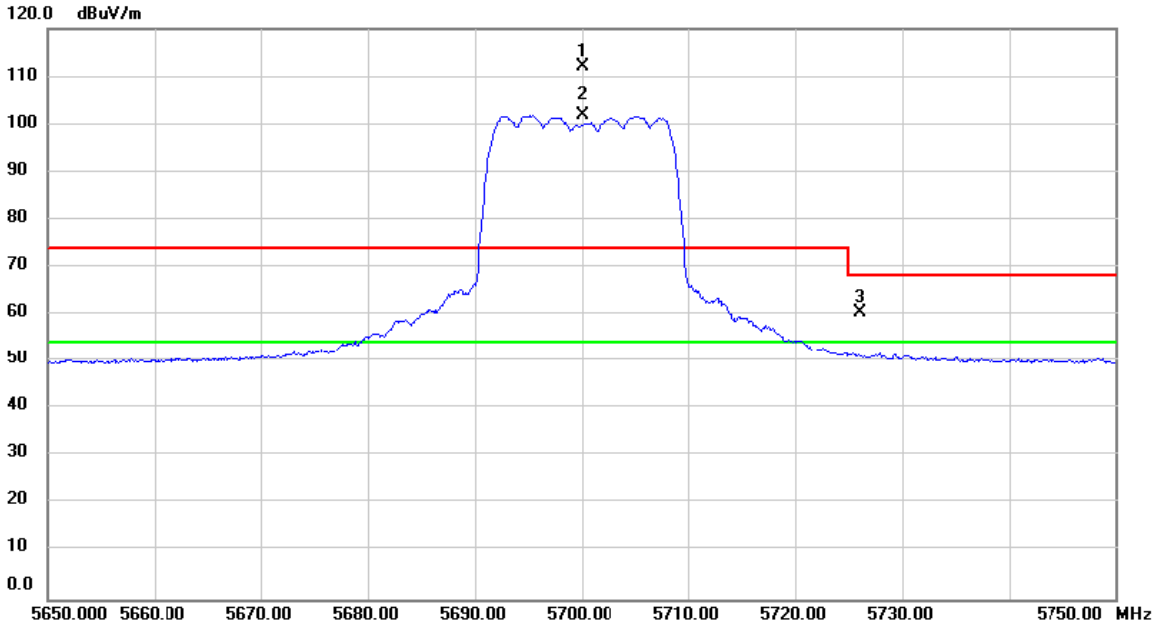
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	63.67	38.29	101.96	74.00	27.96	peak	No Limit
2	*	5580.000	53.84	38.29	92.13	54.00	38.13	AVG	No Limit

Test Mode	UNII-2C/ TX A Mode 5580MHz	Polarization	Horizontal



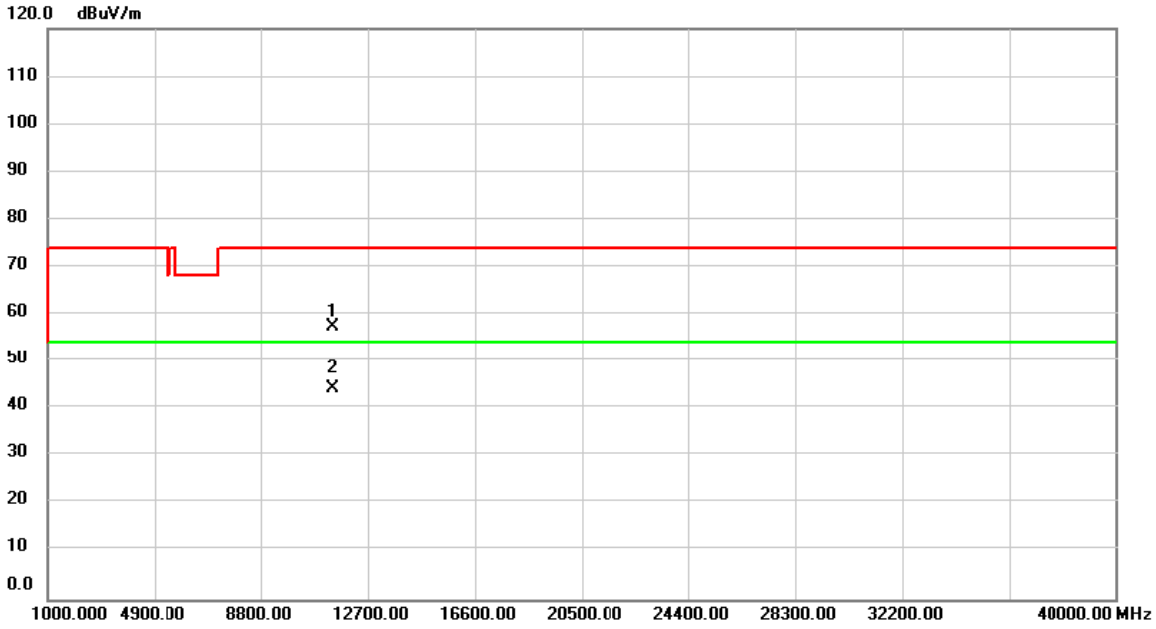
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	54.57	2.69	57.26	74.00	-16.74	peak	
2	*	11160.00	40.72	2.69	43.41	54.00	-10.59	AVG	

Test Mode	UNII-2C/ TX A Mode 5700MHz	Polarization	Vertical



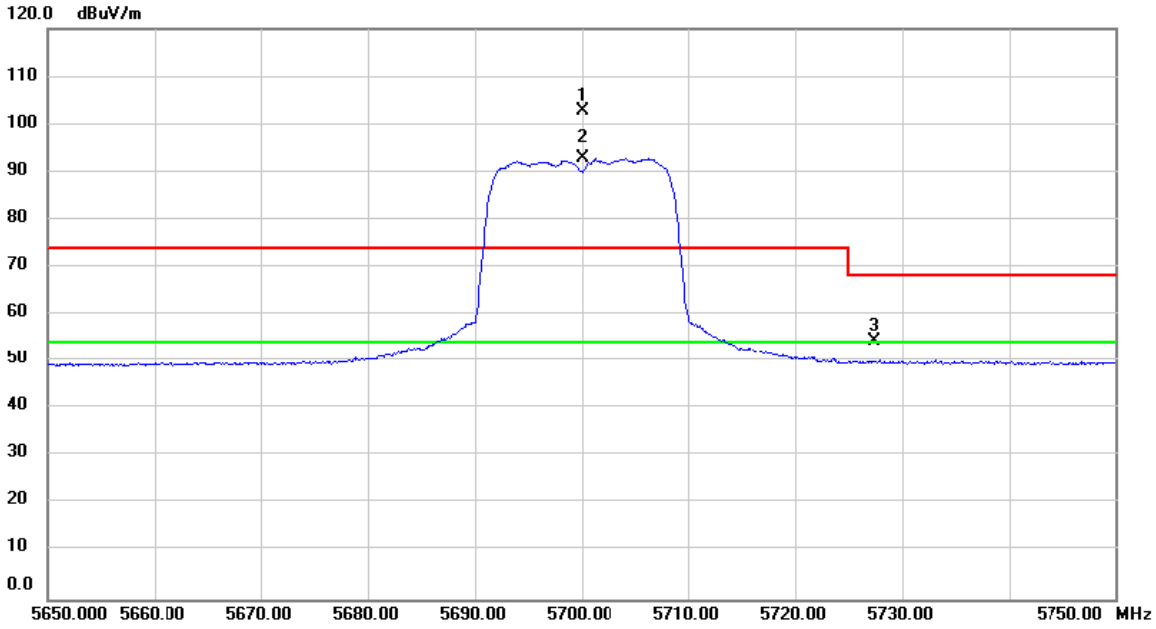
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	73.62	38.58	112.20	74.00	38.20	peak	No Limit
2	*	5700.000	63.19	38.58	101.77	54.00	47.77	AVG	No Limit
3		5726.025	21.88	38.64	60.52	68.20	-7.68	peak	

Test Mode	UNII-2C/ TX A Mode 5700MHz	Polarization	Vertical



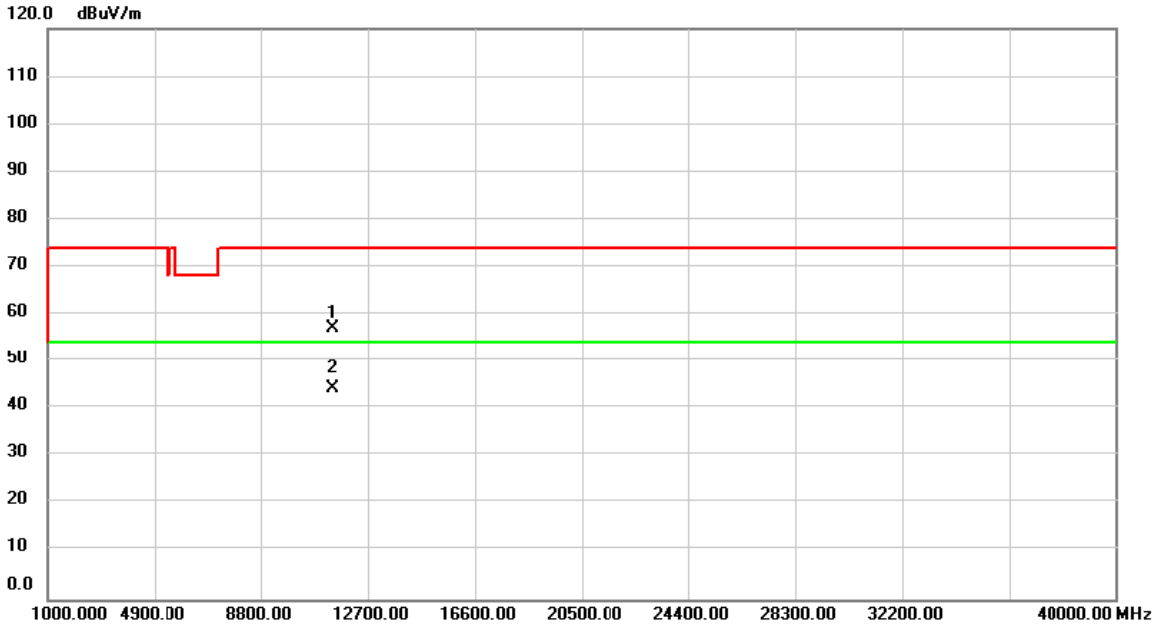
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	54.39	2.98	57.37	74.00	-16.63	peak	
2	*	11400.00	41.20	2.98	44.18	54.00	-9.82	AVG	

Test Mode	UNII-2C/ TX A Mode 5700MHz	Polarization	Horizontal



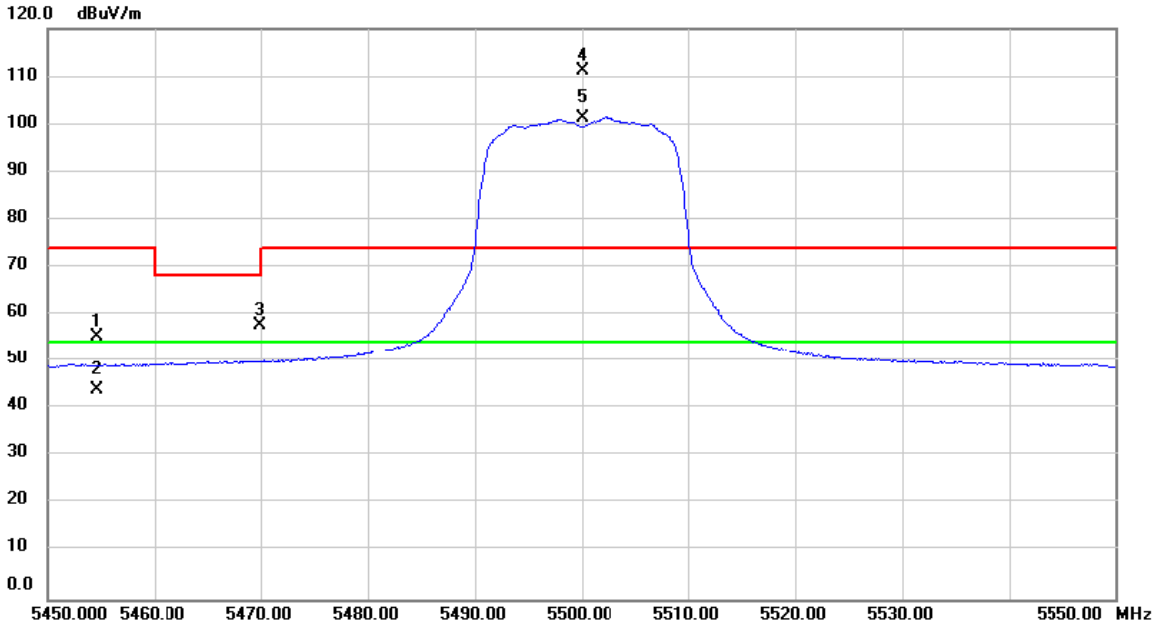
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	64.11	38.58	102.69	74.00	28.69	peak	No Limit
2	*	5700.000	54.15	38.58	92.73	54.00	38.73	AVG	No Limit
3		5727.350	15.79	38.64	54.43	68.20	-13.77	peak	

Test Mode	UNII-2C/ TX A Mode 5700MHz	Polarization	Horizontal



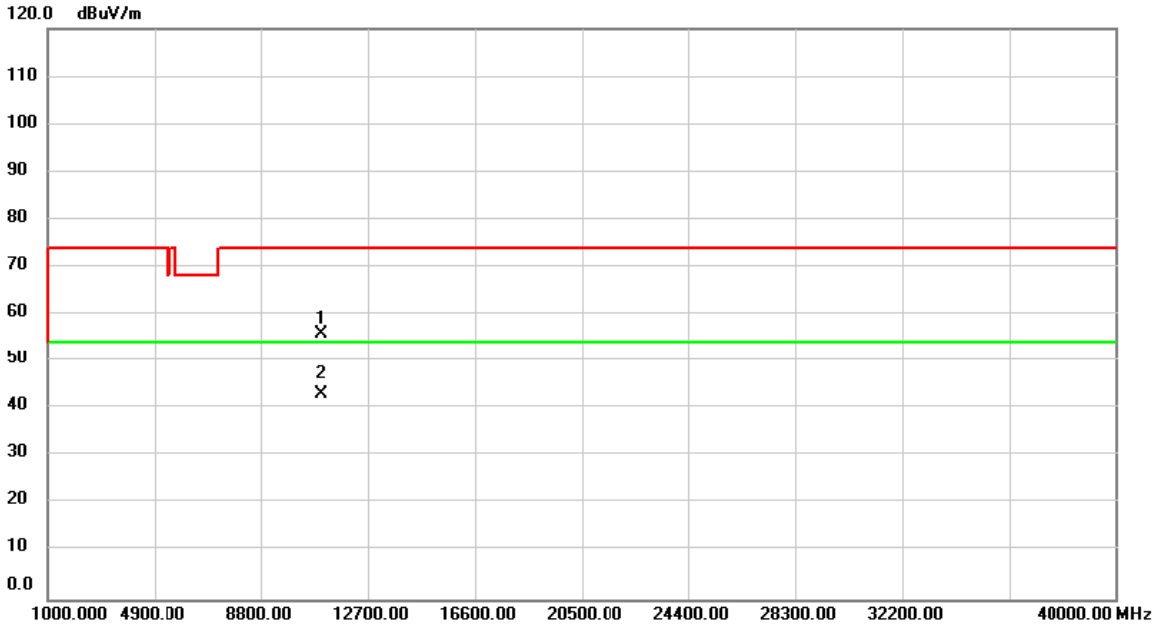
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	54.16	2.98	57.14	74.00	-16.86	peak	
2	*	11400.00	41.21	2.98	44.19	54.00	-9.81	AVG	

Test Mode	UNII-2C/ TX N20 Mode 5500MHz	Polarization	Vertical



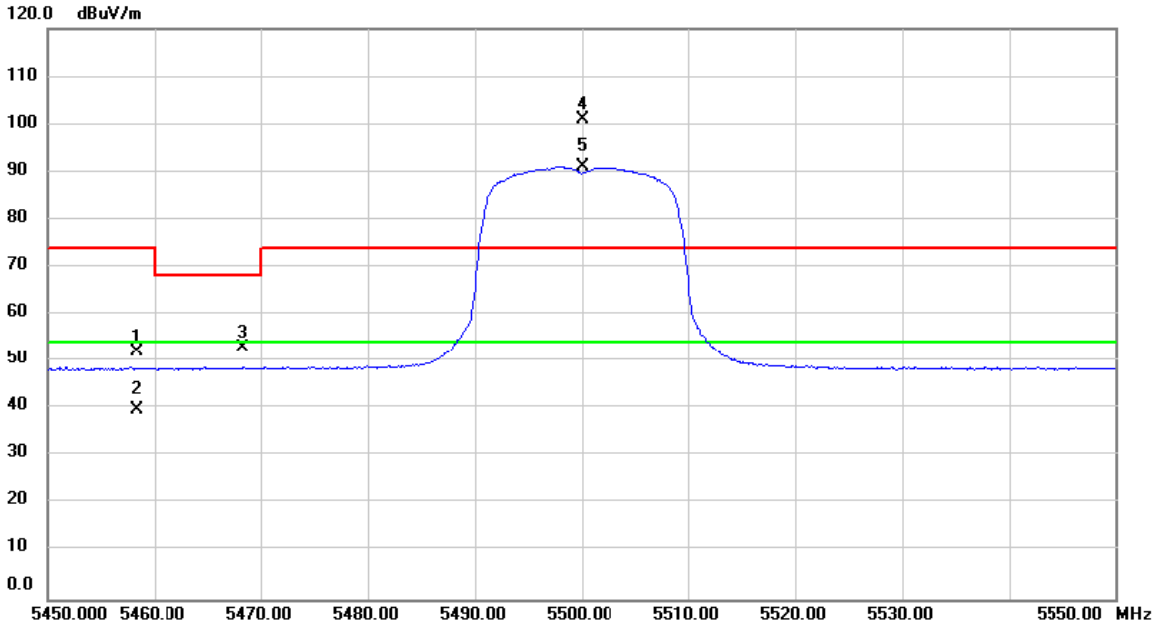
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5454.560	17.45	38.02	55.47	74.00	-18.53	peak	
2		5454.560	5.84	38.02	43.86	54.00	-10.14	AVG	
3		5469.970	19.75	38.03	57.78	68.20	-10.42	peak	
4	X	5500.000	73.10	38.09	111.19	74.00	37.19	peak	No Limit
5	*	5500.000	63.26	38.09	101.35	54.00	47.35	AVG	No Limit

Test Mode	UNII-2C/ TX N20 Mode 5500MHz	Polarization	Vertical



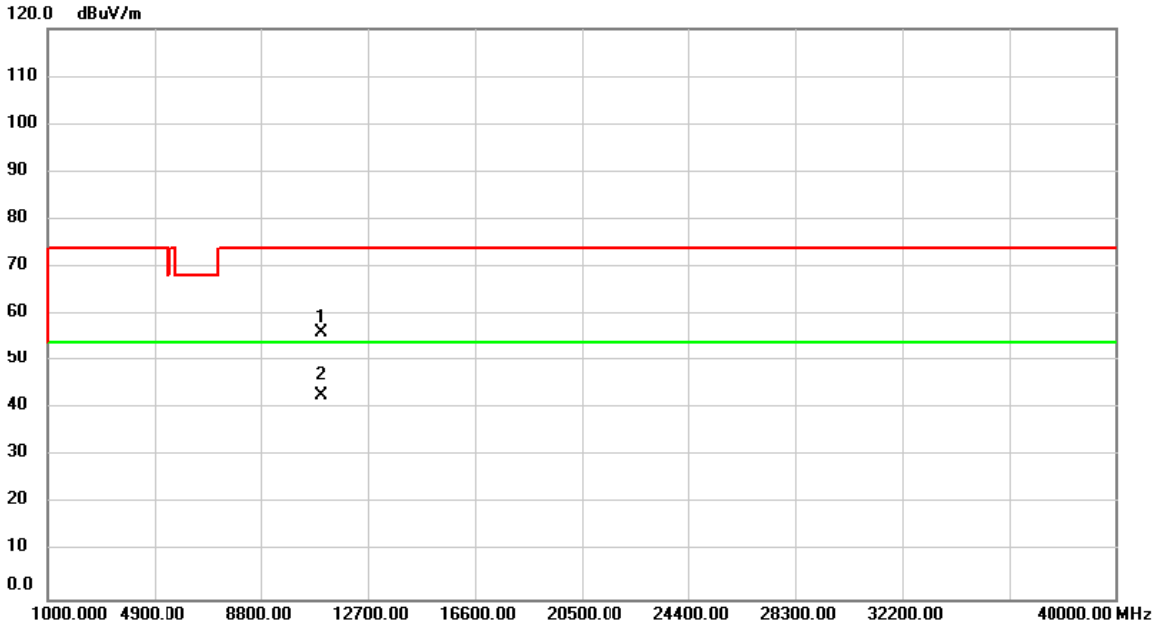
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	53.46	2.49	55.95	74.00	-18.05	peak	
2	*	11000.00	40.51	2.49	43.00	54.00	-11.00	AVG	

Test Mode	UNII-2C/ TX N20 Mode 5500MHz	Polarization	Horizontal



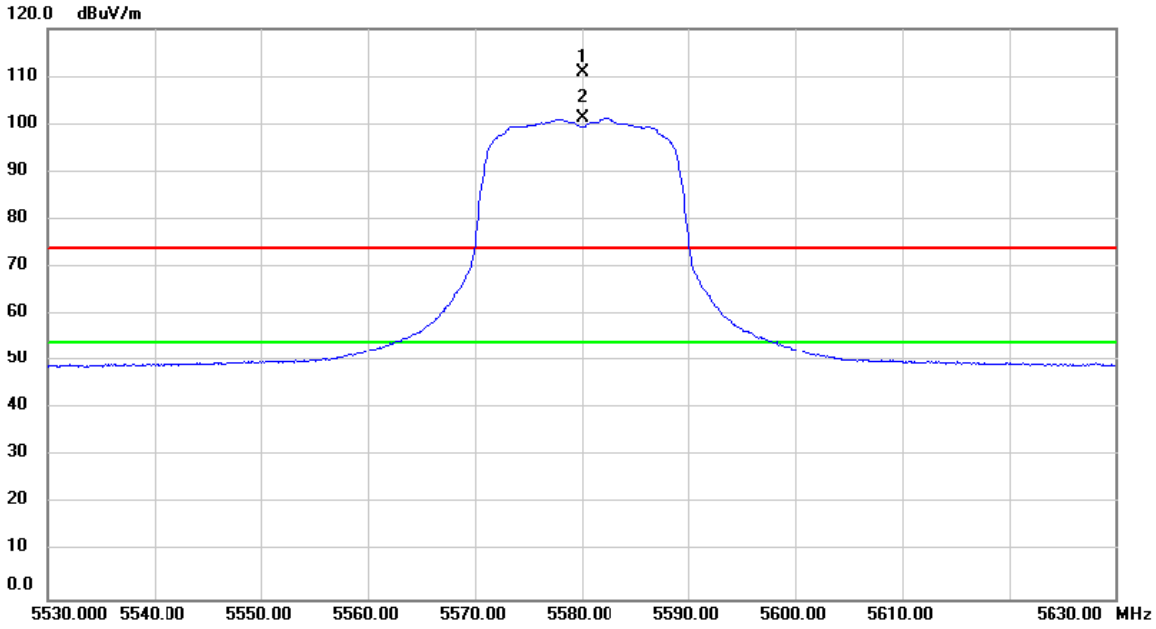
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.380	13.91	38.02	51.93	74.00	-22.07	peak	
2		5458.380	1.61	38.02	39.63	54.00	-14.37	AVG	
3		5468.380	14.95	38.03	52.98	68.20	-15.22	peak	
4	X	5500.000	62.85	38.09	100.94	74.00	26.94	peak	No Limit
5	*	5500.000	53.03	38.09	91.12	54.00	37.12	AVG	No Limit

Test Mode	UNII-2C/ TX N20 Mode 5500MHz	Polarization	Horizontal



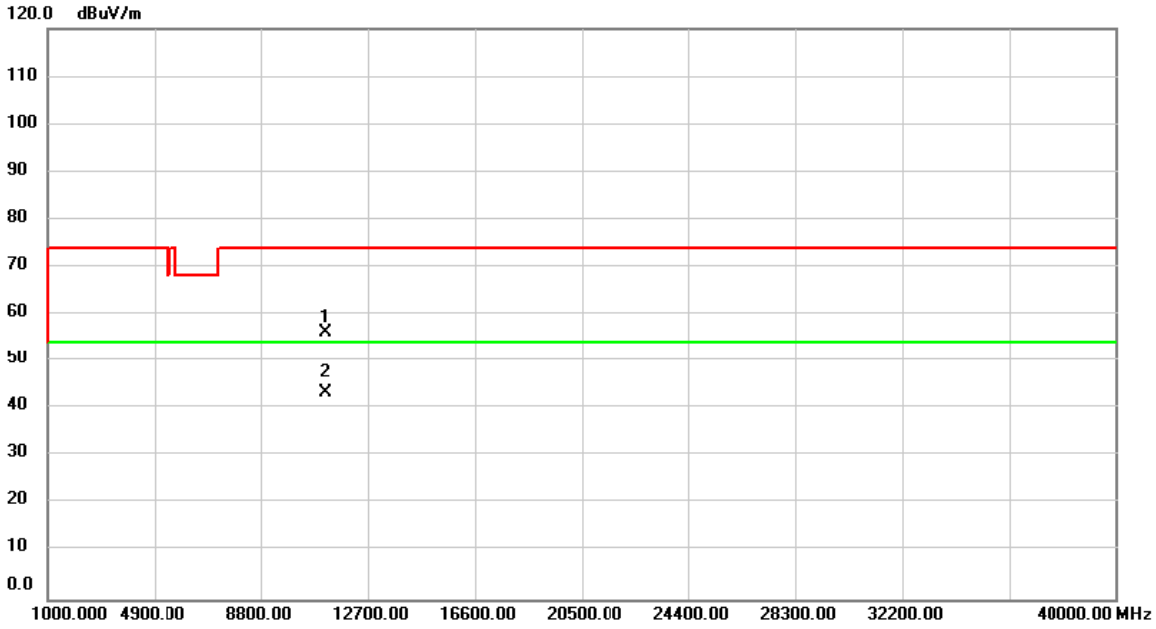
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	53.64	2.49	56.13	74.00	-17.87	peak	
2	*	11000.00	40.40	2.49	42.89	54.00	-11.11	AVG	

Test Mode	UNII-2C/ TX N20 Mode 5580MHz	Polarization	Vertical



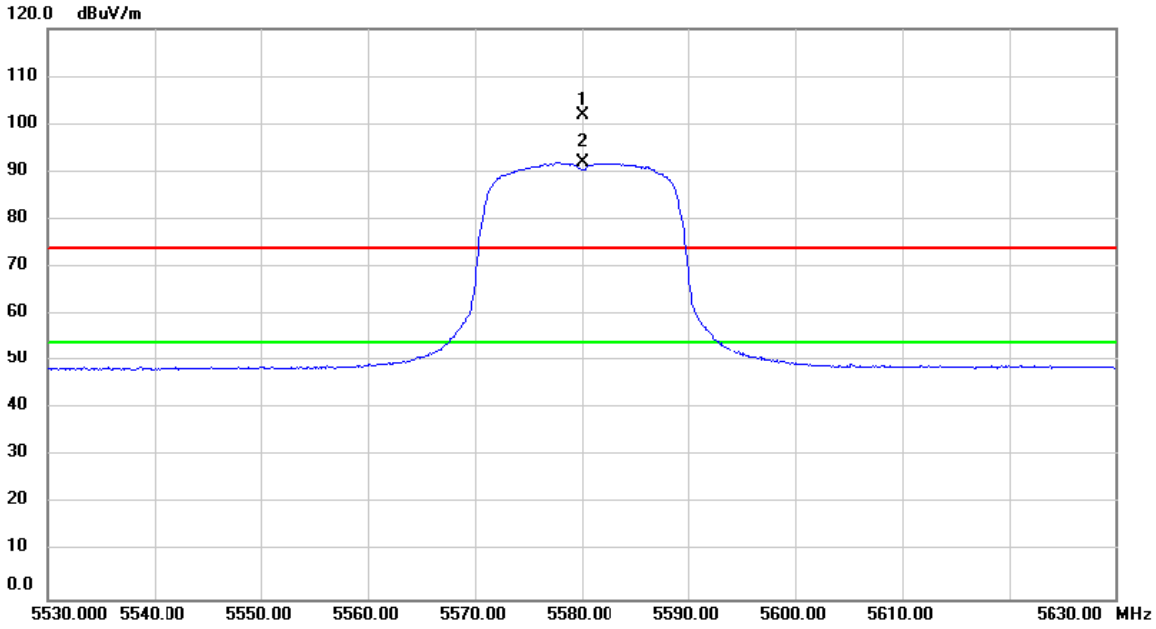
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	72.55	38.29	110.84	74.00	36.84	peak	No Limit
2	*	5580.000	63.00	38.29	101.29	54.00	47.29	AVG	No Limit

Test Mode	UNII-2C/ TX N20 Mode 5580MHz	Polarization	Vertical



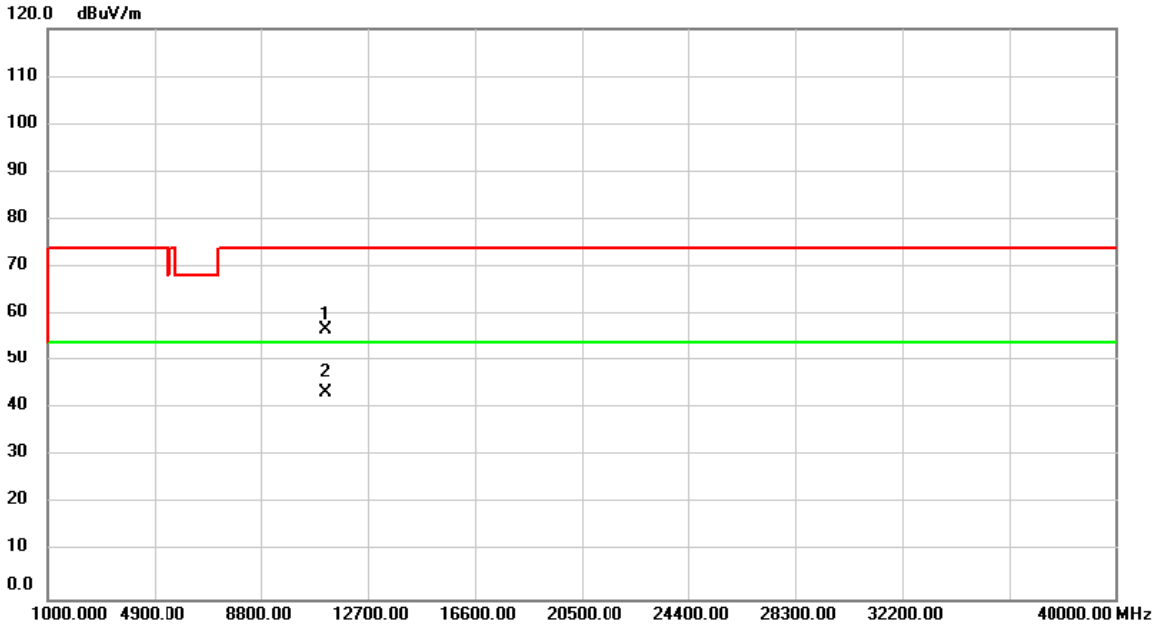
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	53.45	2.69	56.14	74.00	-17.86	peak	
2	*	11160.00	40.75	2.69	43.44	54.00	-10.56	AVG	

Test Mode	UNII-2C/ TX N20 Mode 5580MHz	Polarization	Horizontal



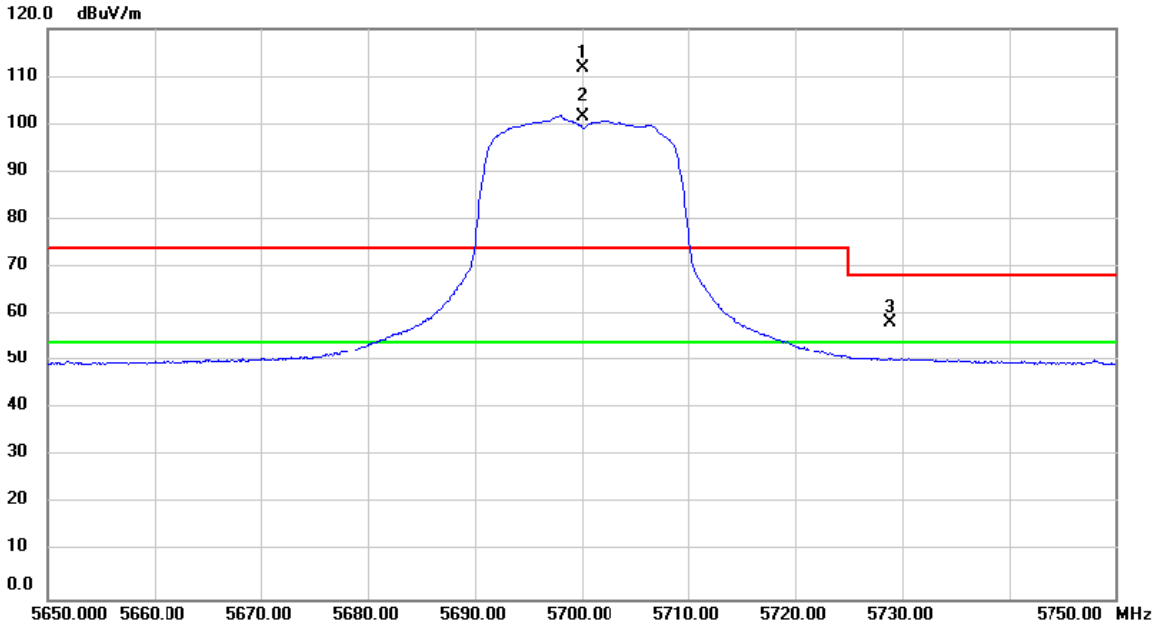
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	63.59	38.29	101.88	74.00	27.88	peak	No Limit
2	*	5580.000	53.63	38.29	91.92	54.00	37.92	AVG	No Limit

Test Mode	UNII-2C/ TX N20 Mode 5580MHz	Polarization	Horizontal



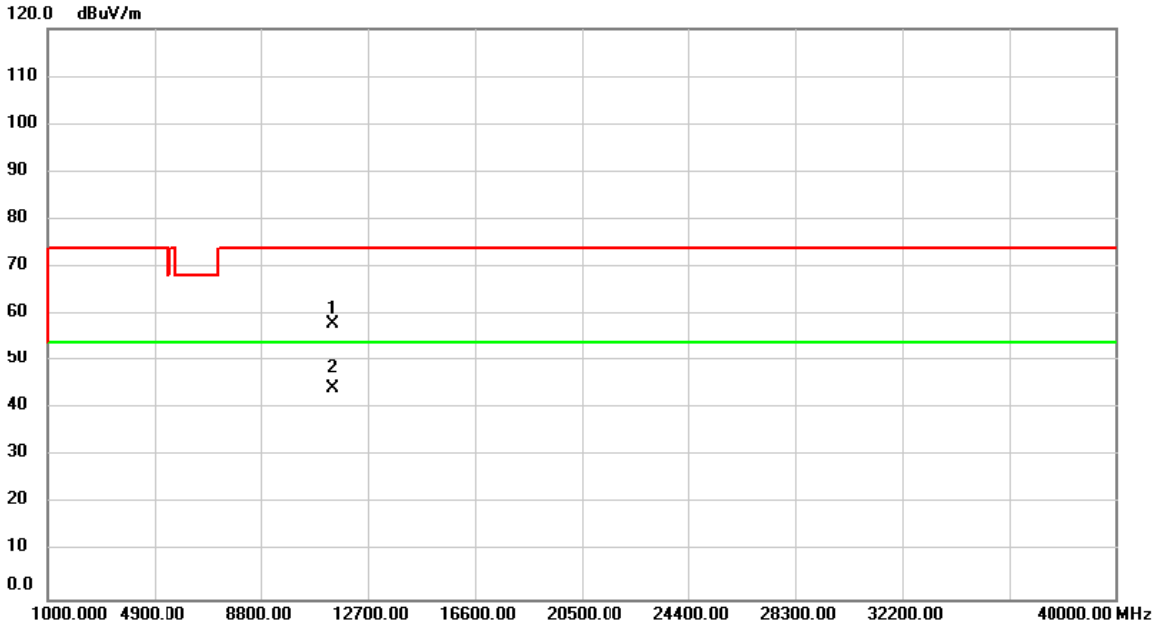
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	54.15	2.69	56.84	74.00	-17.16	peak	
2	*	11160.00	40.81	2.69	43.50	54.00	-10.50	AVG	

Test Mode	UNII-2C/ TX N20 Mode 5700MHz	Polarization	Vertical



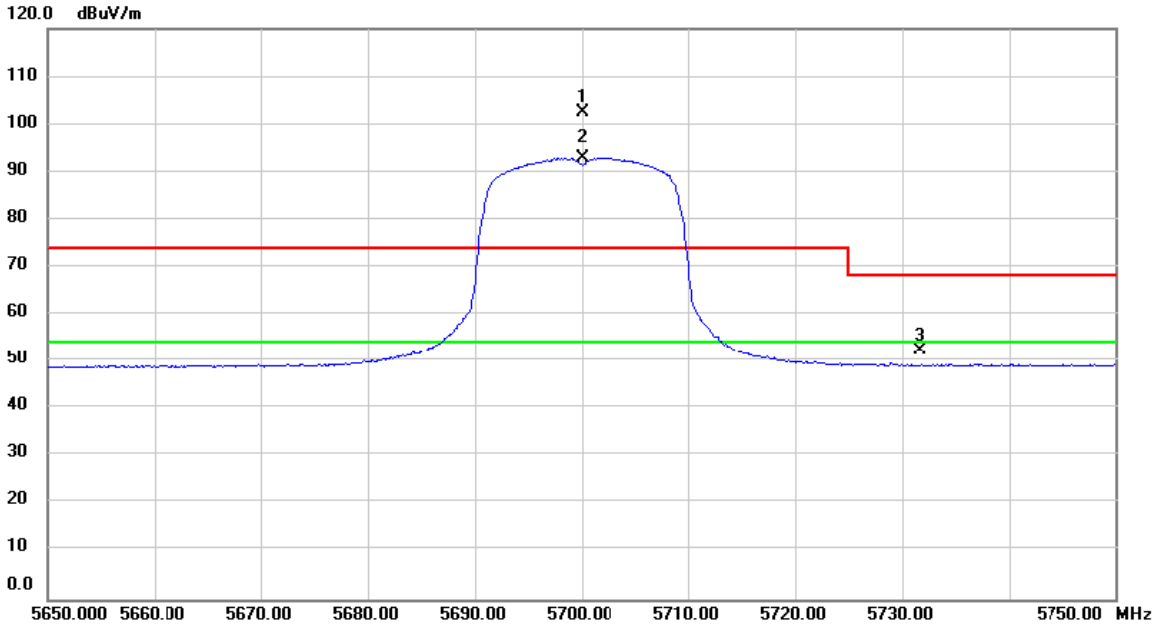
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	73.12	38.58	111.70	74.00	37.70	peak	No Limit
2	*	5700.000	63.00	38.58	101.58	54.00	47.58	AVG	No Limit
3		5728.800	19.80	38.66	58.46	68.20	-9.74	peak	

Test Mode	UNII-2C/ TX N20 Mode 5700MHz	Polarization	Vertical



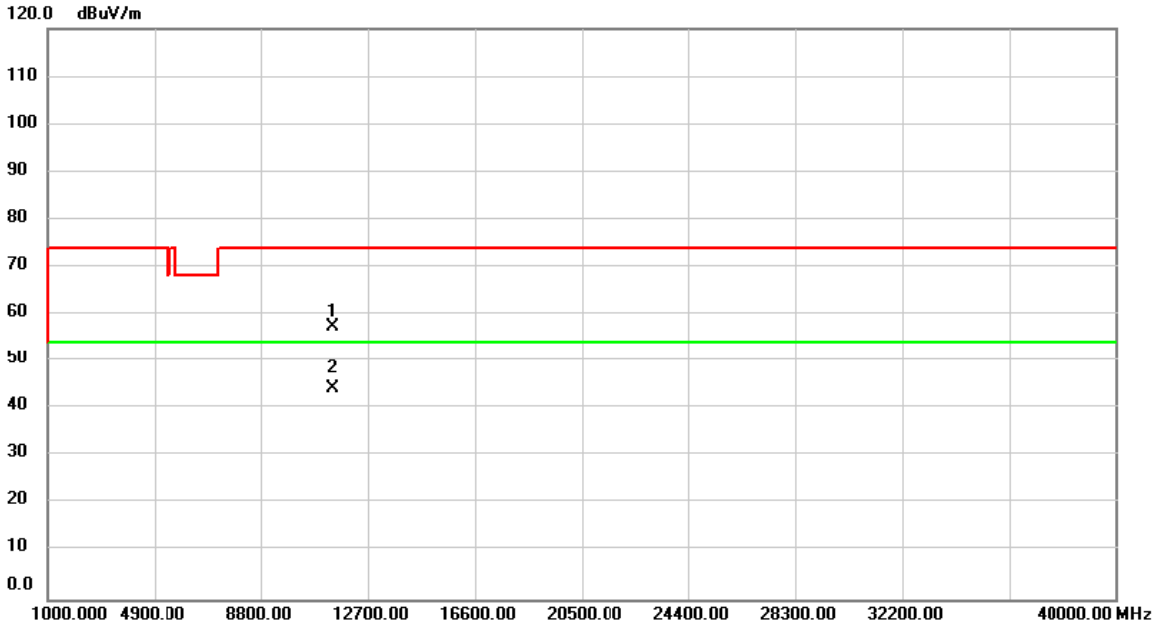
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	55.03	2.98	58.01	74.00	-15.99	peak	
2	*	11400.00	41.26	2.98	44.24	54.00	-9.76	AVG	

Test Mode	UNII-2C/ TX N20 Mode 5700MHz	Polarization	Horizontal



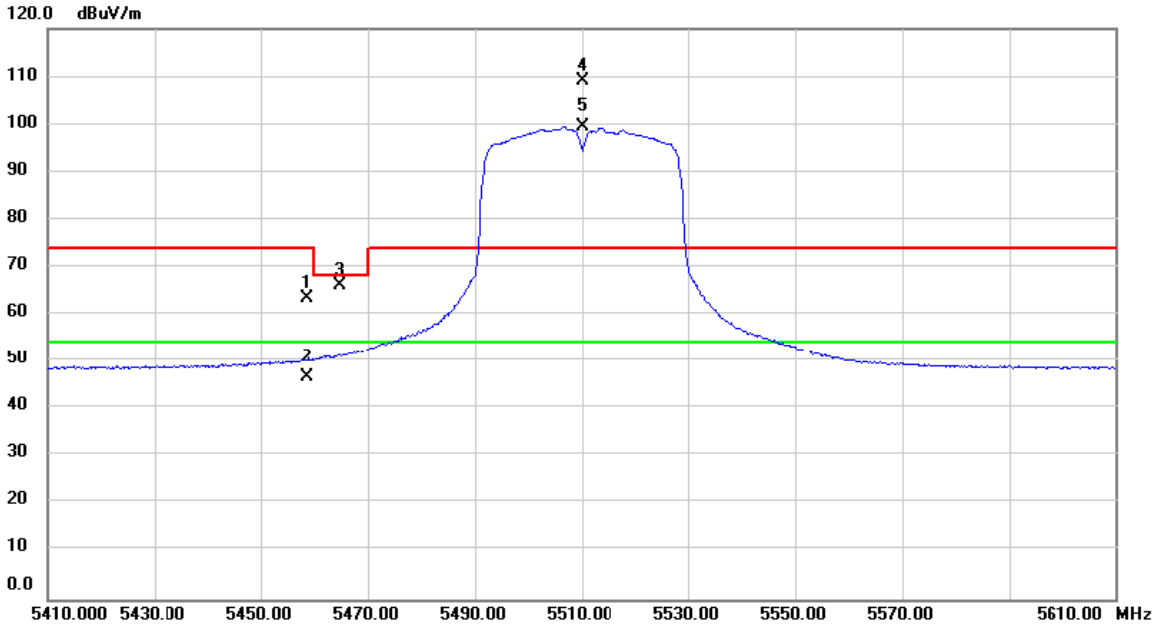
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	63.89	38.58	102.47	74.00	28.47	peak	No Limit
2	*	5700.000	54.37	38.58	92.95	54.00	38.95	AVG	No Limit
3		5731.625	13.59	38.66	52.25	68.20	-15.95	peak	

Test Mode	UNII-2C/ TX N20 Mode 5700MHz	Polarization	Horizontal



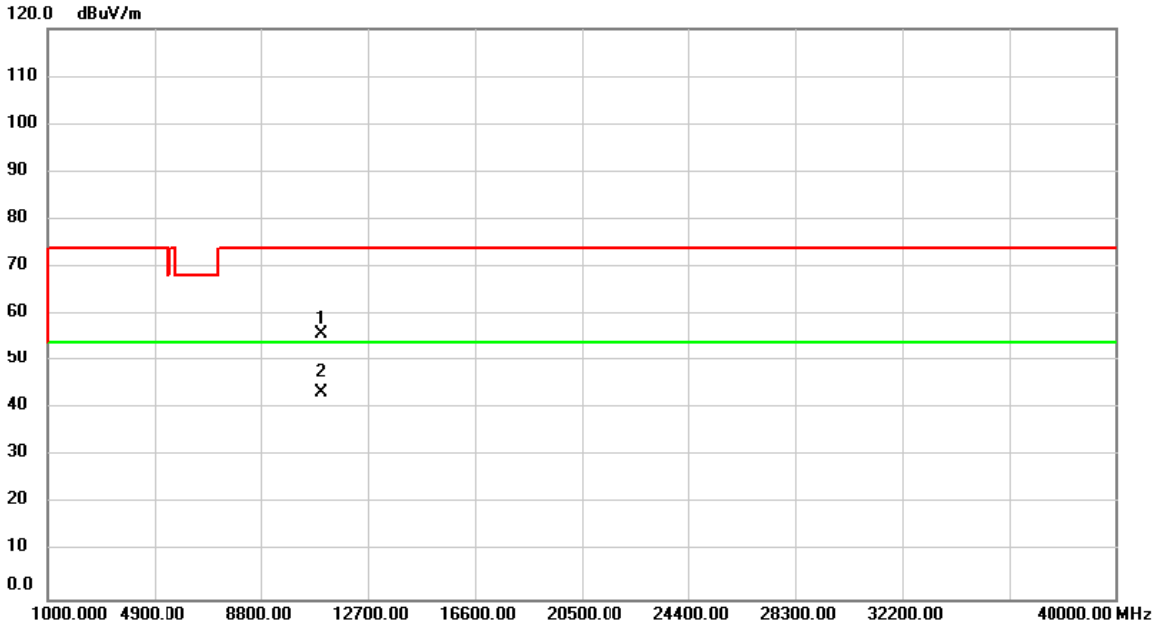
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	54.33	2.98	57.31	74.00	-16.69	peak	
2	*	11400.00	41.31	2.98	44.29	54.00	-9.71	AVG	

Test Mode	UNII-2C/ TX N40 Mode 5510MHz	Polarization	Vertical



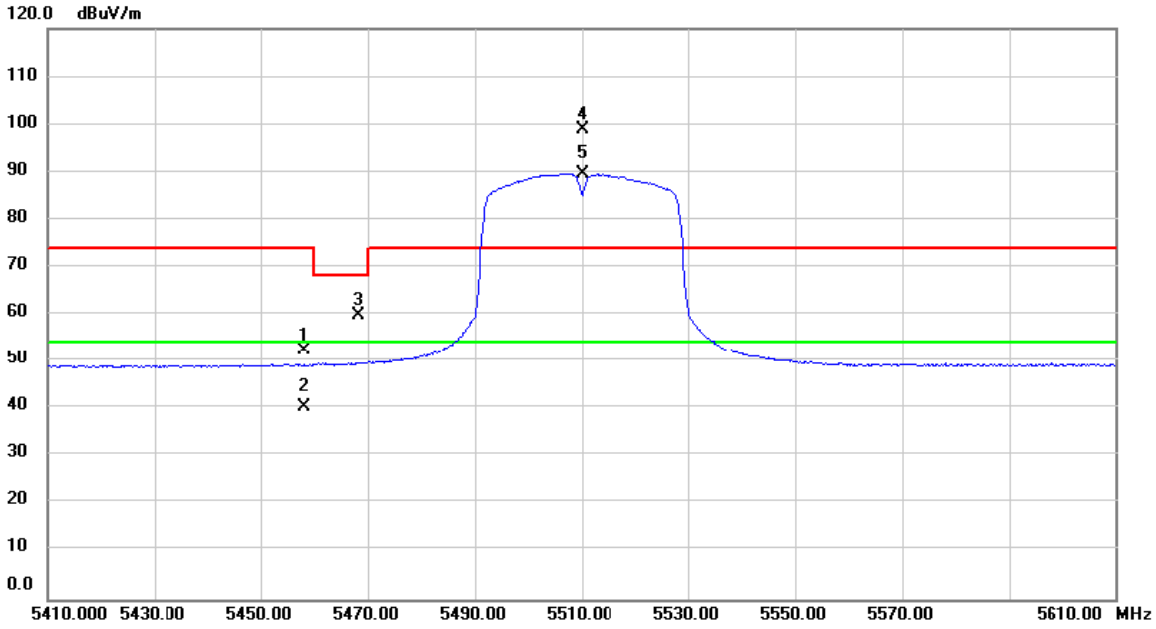
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.550	25.32	38.02	63.34	74.00	-10.66	peak	
2		5458.550	8.69	38.02	46.71	54.00	-7.29	AVG	
3		5464.900	28.06	38.03	66.09	68.20	-2.11	peak	
4	X	5510.000	70.96	38.11	109.07	74.00	35.07	peak	No Limit
5	*	5510.000	61.37	38.11	99.48	54.00	45.48	AVG	No Limit

Test Mode	UNII-2C/ TX N40 Mode 5510MHz	Polarization	Vertical



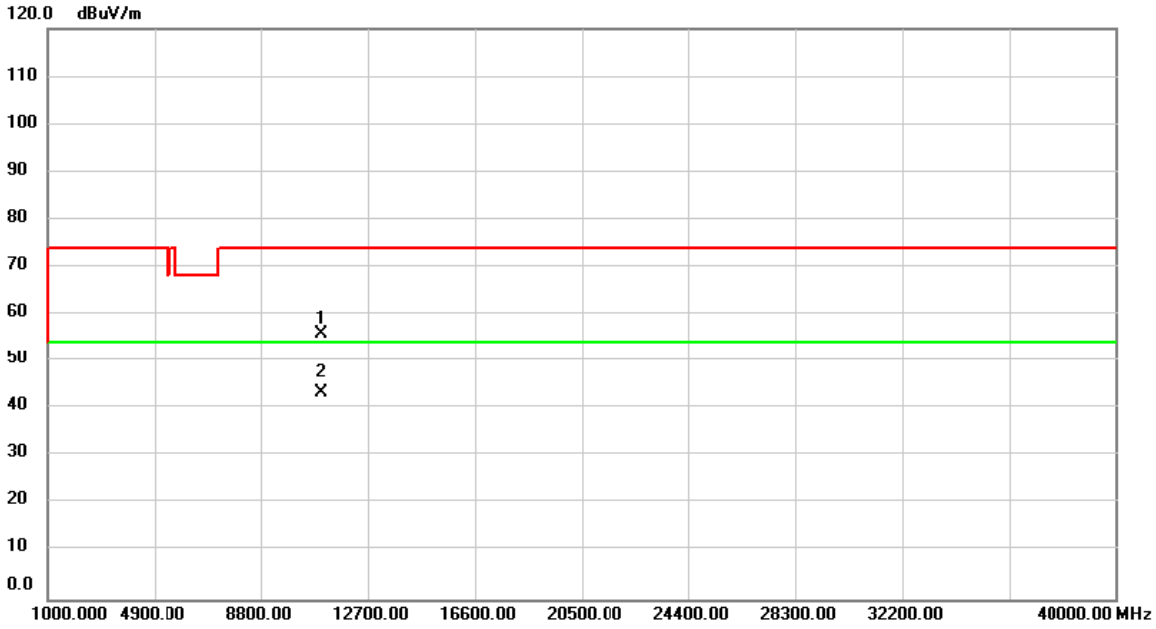
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11020.00	53.58	2.51	56.09	74.00	-17.91	peak	
2	*	11020.00	40.86	2.51	43.37	54.00	-10.63	AVG	

Test Mode	UNII-2C/ TX N40 Mode 5510MHz	Polarization	Horizontal



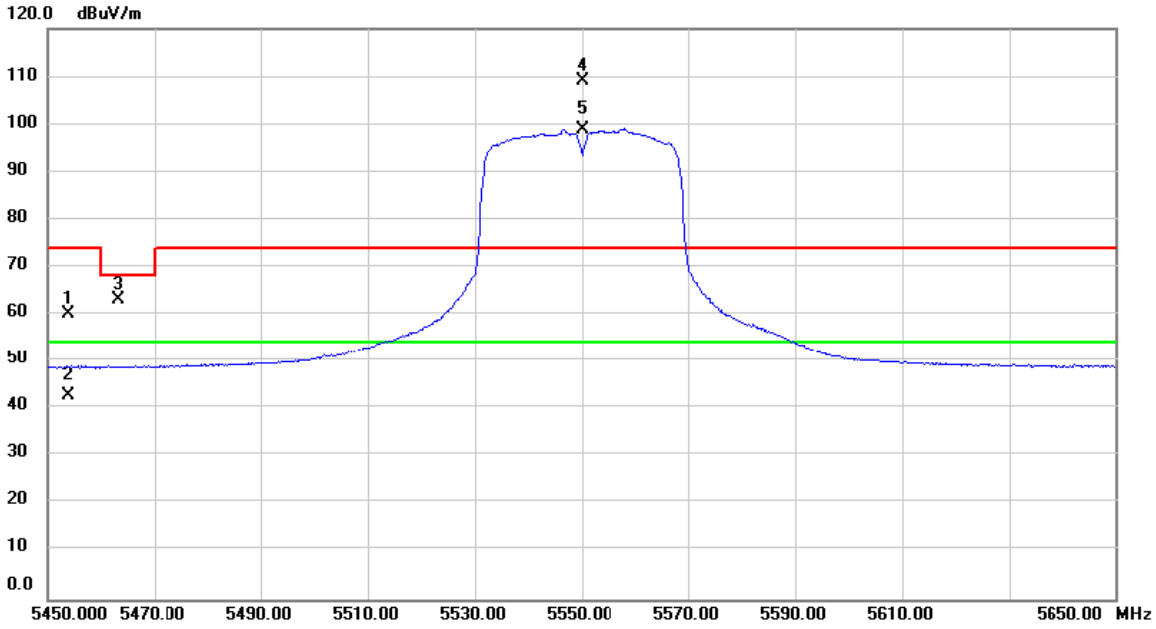
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.000	14.22	38.02	52.24	74.00	-21.76	peak	
2		5458.000	2.44	38.02	40.46	54.00	-13.54	AVG	
3		5468.200	21.88	38.03	59.91	68.20	-8.29	peak	
4	X	5510.000	60.74	38.11	98.85	74.00	24.85	peak	No Limit
5	*	5510.000	51.48	38.11	89.59	54.00	35.59	AVG	No Limit

Test Mode	UNII-2C/ TX N40 Mode 5510MHz	Polarization	Horizontal



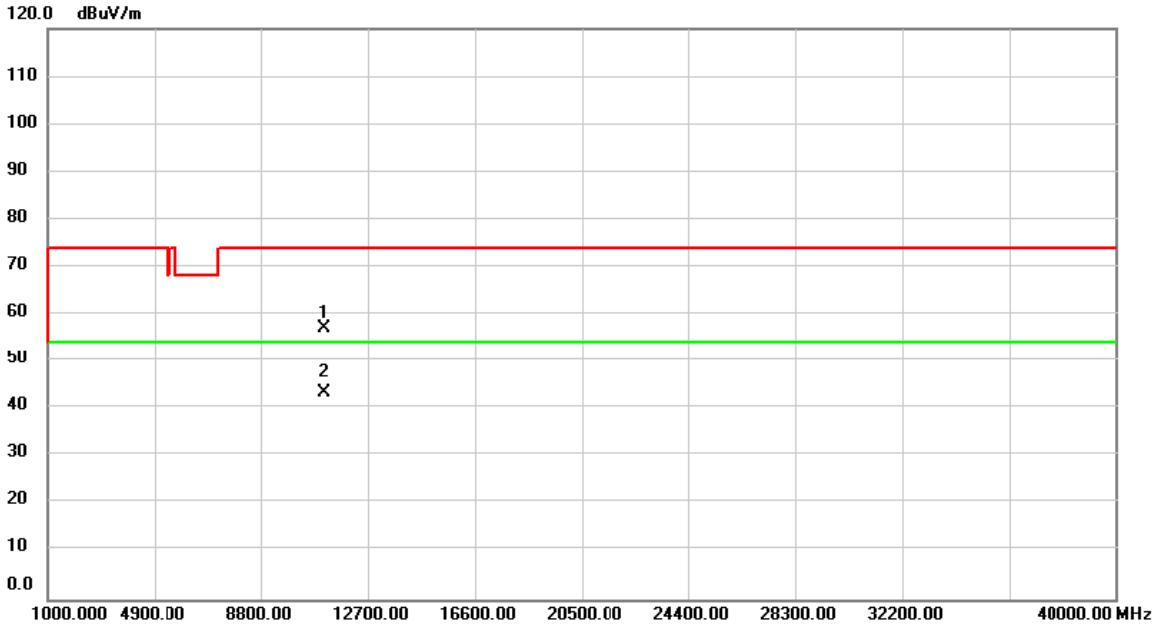
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11020.00	53.50	2.51	56.01	74.00	-17.99	peak	
2	*	11020.00	40.85	2.51	43.36	54.00	-10.64	AVG	

Test Mode	UNII-2C/ TX N40 Mode 5550MHz	Polarization	Vertical



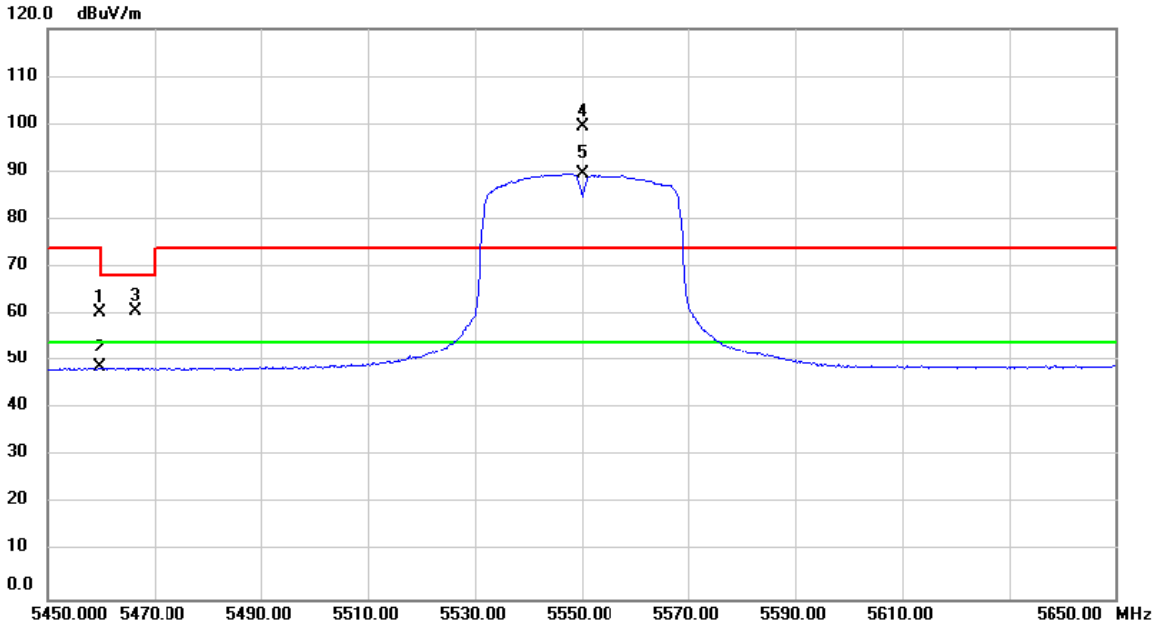
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5453.980	22.04	38.01	60.05	74.00	-13.95	peak	
2		5453.980	4.72	38.01	42.73	54.00	-11.27	AVG	
3		5463.140	25.25	38.03	63.28	68.20	-4.92	peak	
4	X	5550.000	70.94	38.21	109.15	74.00	35.15	peak	No Limit
5	*	5550.000	60.75	38.21	98.96	54.00	44.96	AVG	No Limit

Test Mode	UNII-2C/ TX N40 Mode 5550MHz	Polarization	Vertical



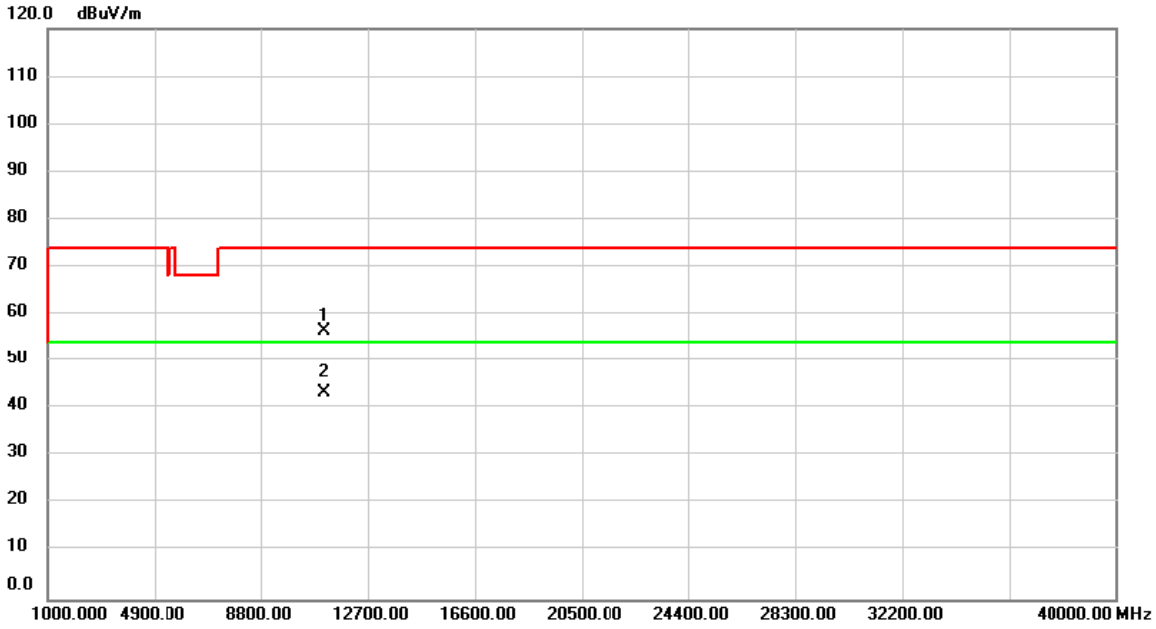
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11100.00	54.58	2.62	57.20	74.00	-16.80	peak	
2	*	11100.00	40.83	2.62	43.45	54.00	-10.55	AVG	

Test Mode	UNII-2C/ TX N40 Mode 5550MHz	Polarization	Horizontal



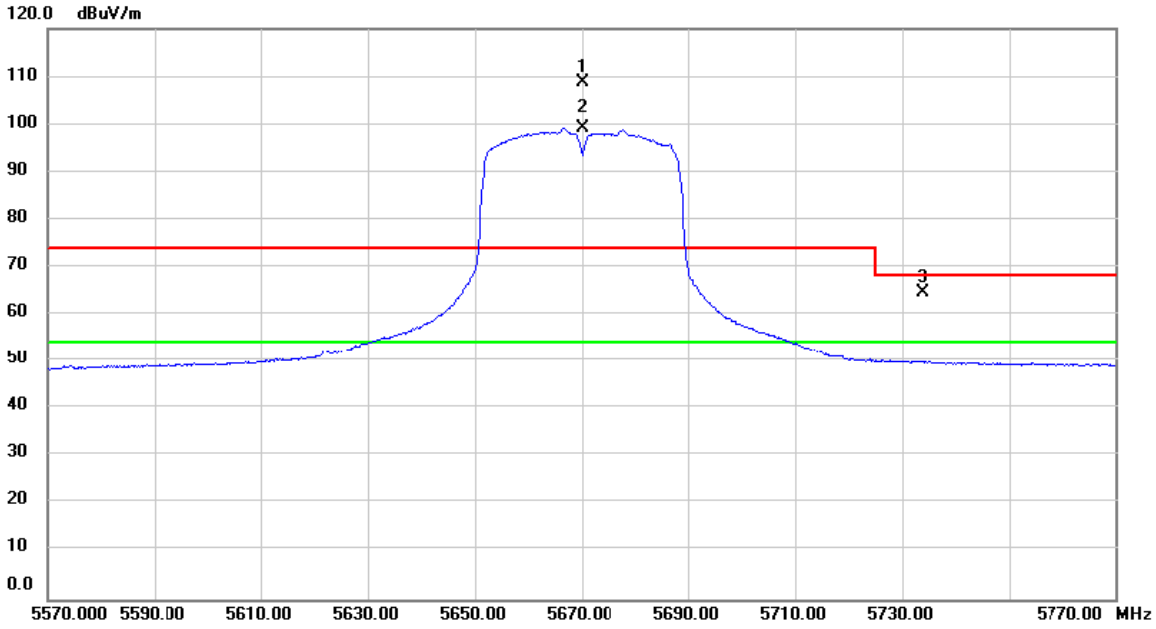
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5459.620	22.43	38.02	60.45	74.00	-13.55	peak	
2		5459.620	10.62	38.02	48.64	54.00	-5.36	AVG	
3		5466.350	22.78	38.03	60.81	68.20	-7.39	peak	
4	X	5550.000	61.22	38.21	99.43	74.00	25.43	peak	No Limit
5	*	5550.000	51.34	38.21	89.55	54.00	35.55	AVG	No Limit

Test Mode	UNII-2C/ TX N40 Mode 5550MHz	Polarization	Horizontal



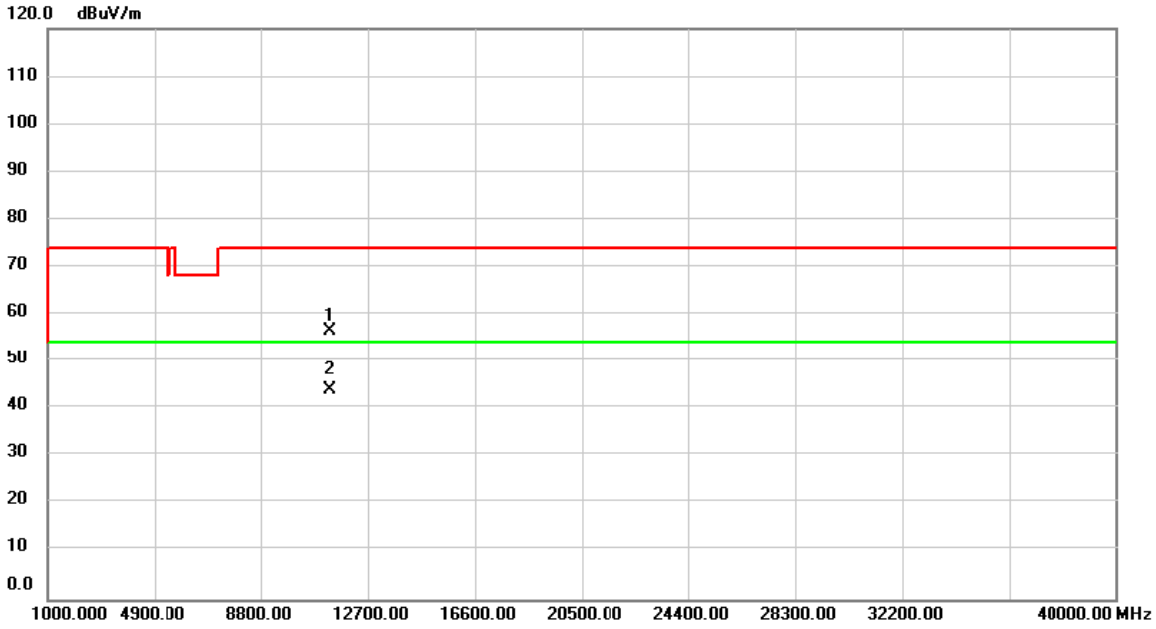
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11100.00	53.81	2.62	56.43	74.00	-17.57	peak	
2	*	11100.00	40.58	2.62	43.20	54.00	-10.80	AVG	

Test Mode	UNII-2C/ TX N40 Mode 5670MHz	Polarization	Vertical



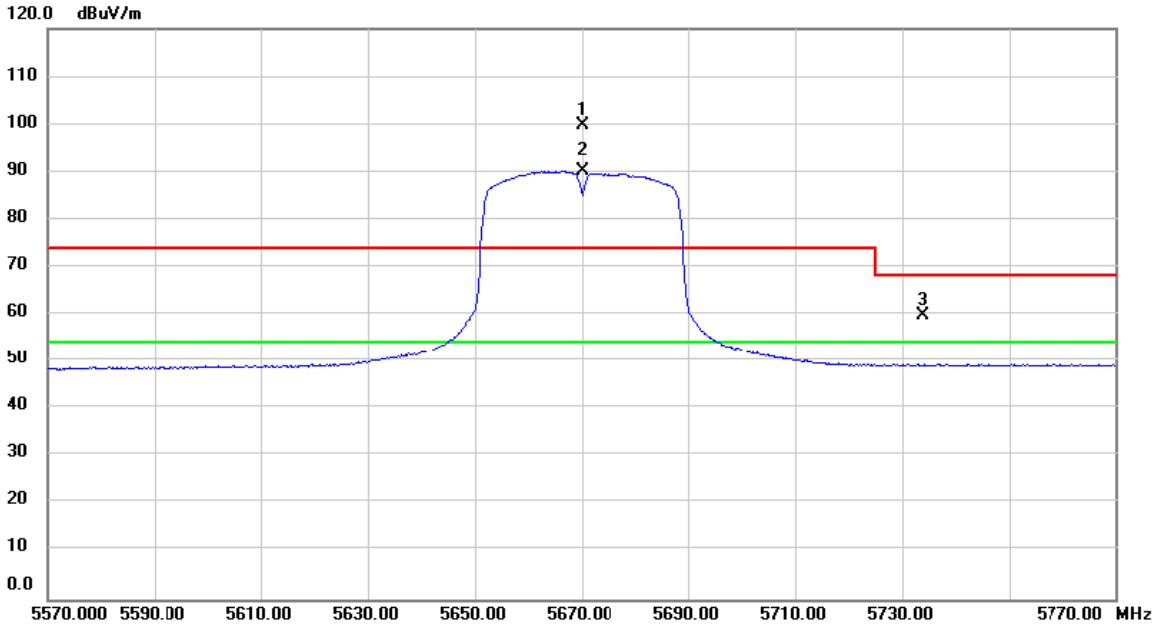
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5670.000	70.22	38.51	108.73	74.00	34.73	peak	No Limit
2	*	5670.000	60.69	38.51	99.20	54.00	45.20	AVG	No Limit
3		5733.865	25.86	38.67	64.53	68.20	-3.67	peak	

Test Mode	UNII-2C/ TX N40 Mode 5670MHz	Polarization	Vertical



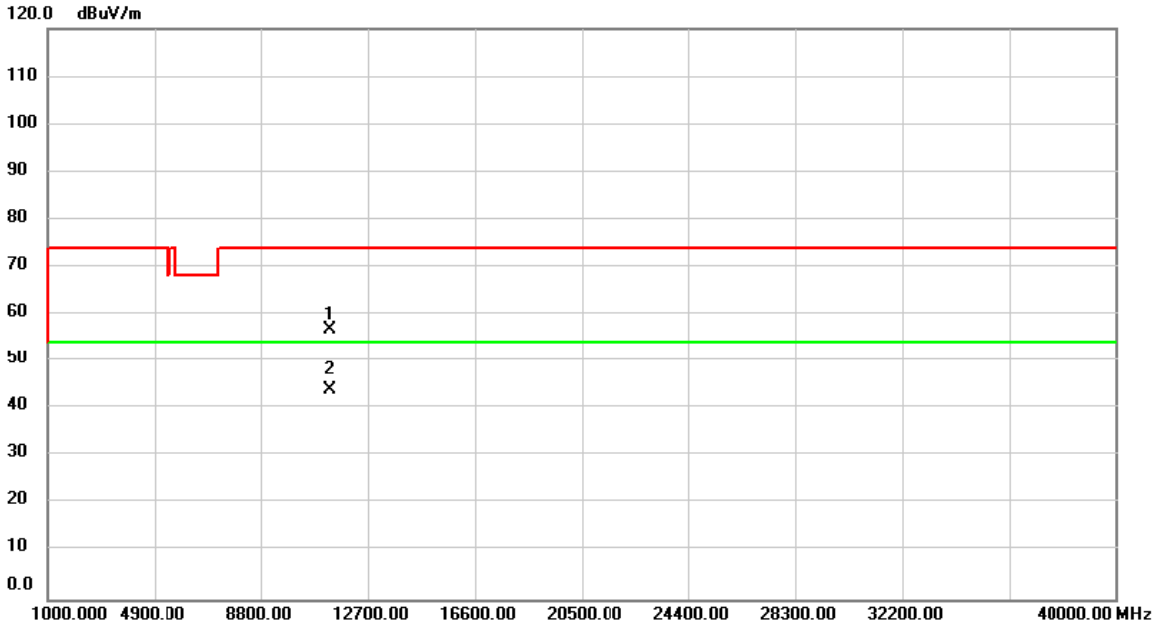
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11340.00	53.74	2.91	56.65	74.00	-17.35	peak	
2	*	11340.00	41.11	2.91	44.02	54.00	-9.98	AVG	

Test Mode	UNII-2C/ TX N40 Mode 5670MHz	Polarization	Horizontal



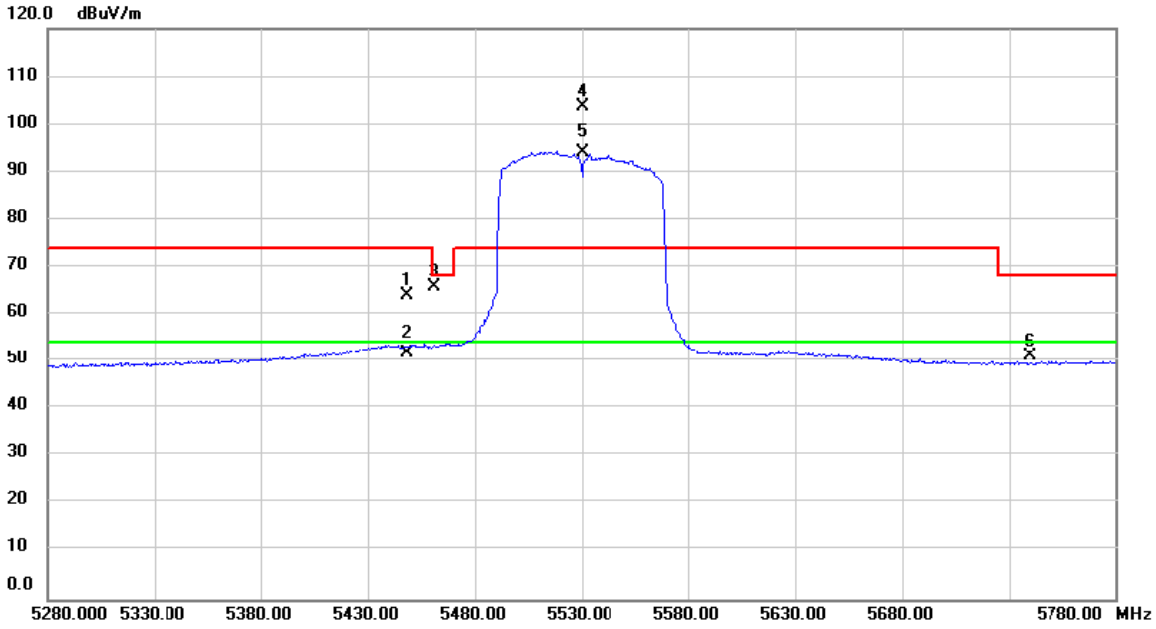
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5670.000	61.31	38.51	99.82	74.00	25.82	peak	No Limit
2	*	5670.000	51.70	38.51	90.21	54.00	36.21	AVG	No Limit
3		5733.955	21.24	38.67	59.91	68.20	-8.29	peak	

Test Mode	UNII-2C/ TX N40 Mode 5670MHz	Polarization	Horizontal



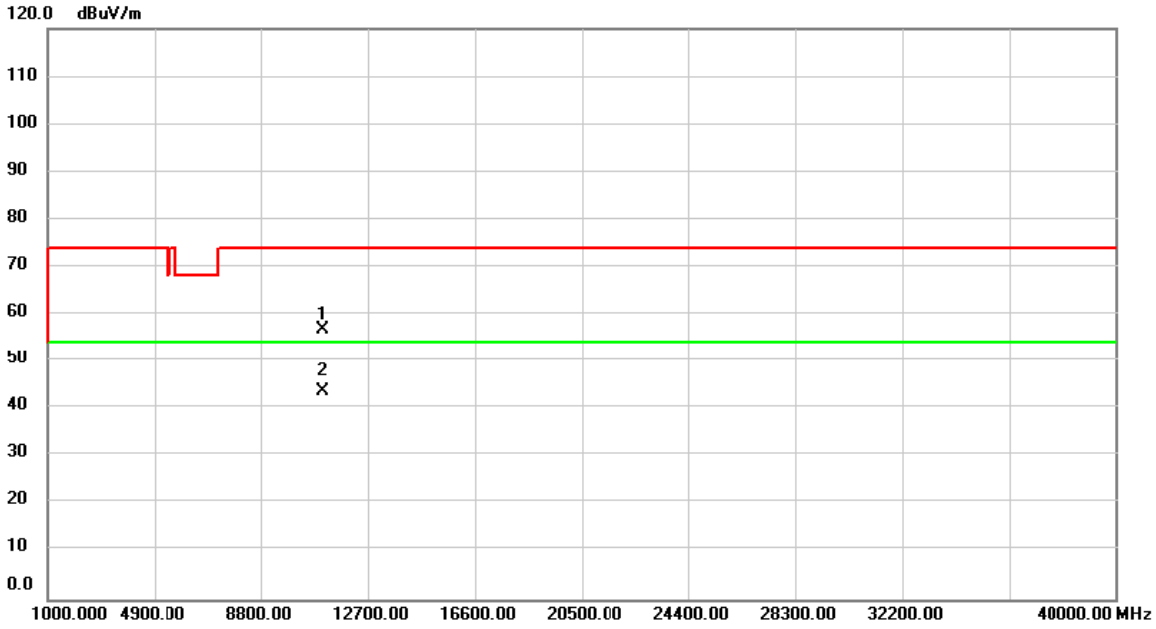
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11340.00	53.96	2.91	56.87	74.00	-17.13	peak	
2	*	11340.00	41.09	2.91	44.00	54.00	-10.00	AVG	

Test Mode	UNII-2C/ TX AC80 Mode 5530MHz	Polarization	Vertical



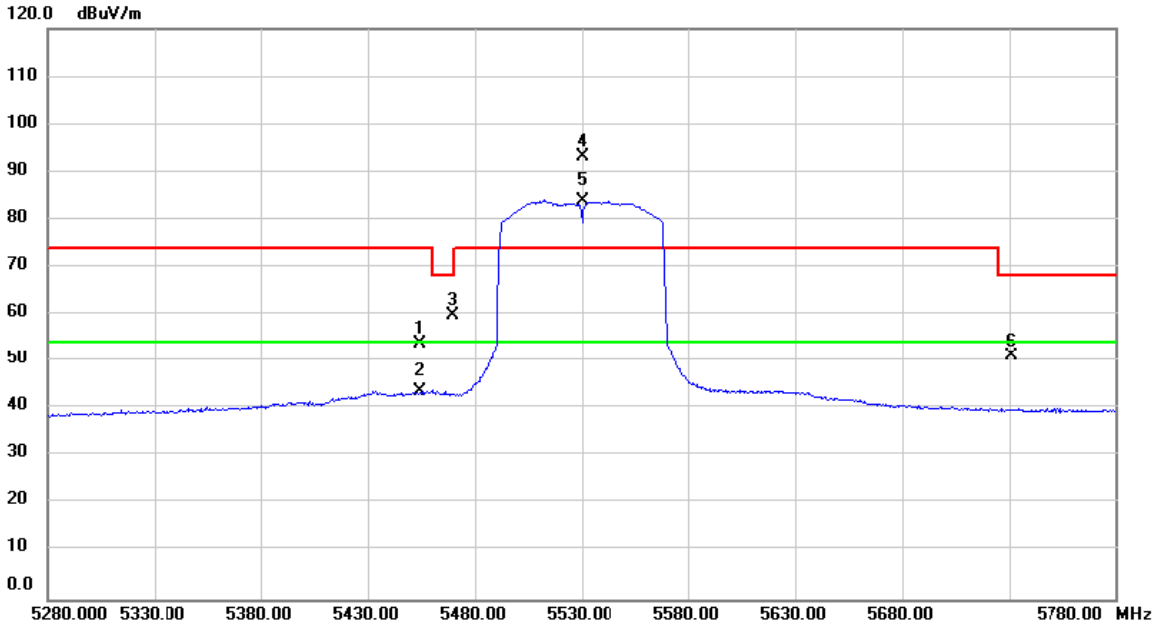
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5448.560	25.99	38.00	63.99	74.00	-10.01	peak	
2		5448.560	13.83	38.00	51.83	54.00	-2.17	AVG	
3		5461.270	27.80	38.02	65.82	68.20	-2.38	peak	
4	X	5530.000	65.49	38.16	103.65	74.00	29.65	peak	No Limit
5	*	5530.000	55.99	38.16	94.15	54.00	40.15	AVG	No Limit
6		5739.960	12.59	38.68	51.27	68.20	-16.93	peak	

Test Mode	UNII-2C/ TX AC80 Mode 5530MHz	Polarization	Vertical



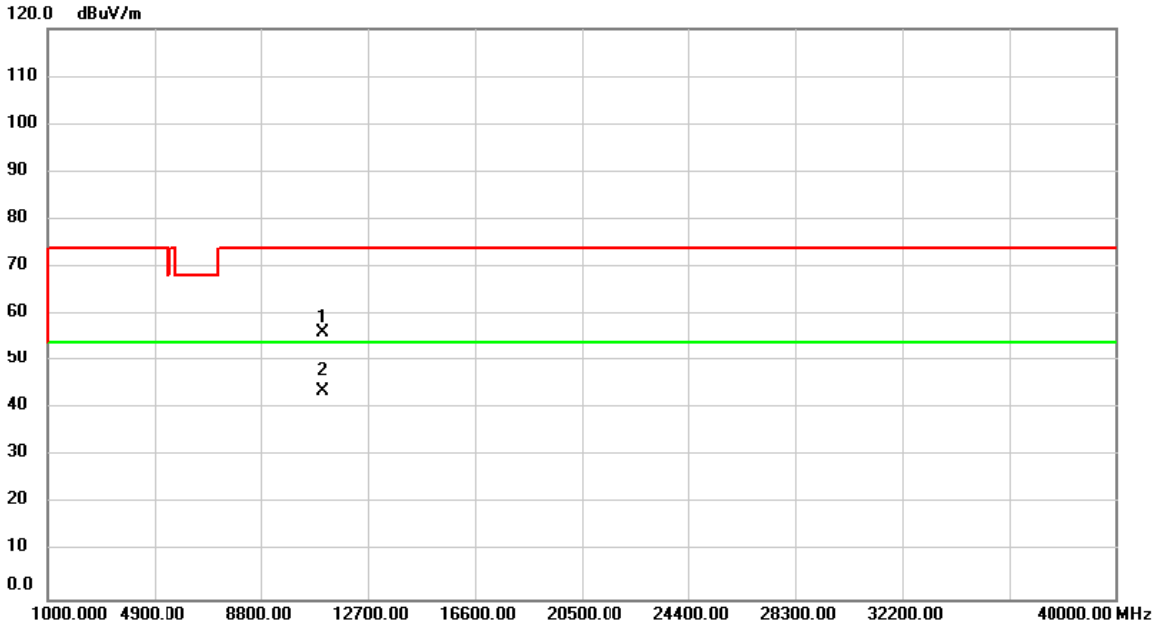
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11060.00	54.43	2.56	56.99	74.00	-17.01	peak	
2	*	11060.00	40.97	2.56	43.53	54.00	-10.47	AVG	

Test Mode	UNII-2C/ TX AC80 Mode 5530MHz	Polarization	Horizontal



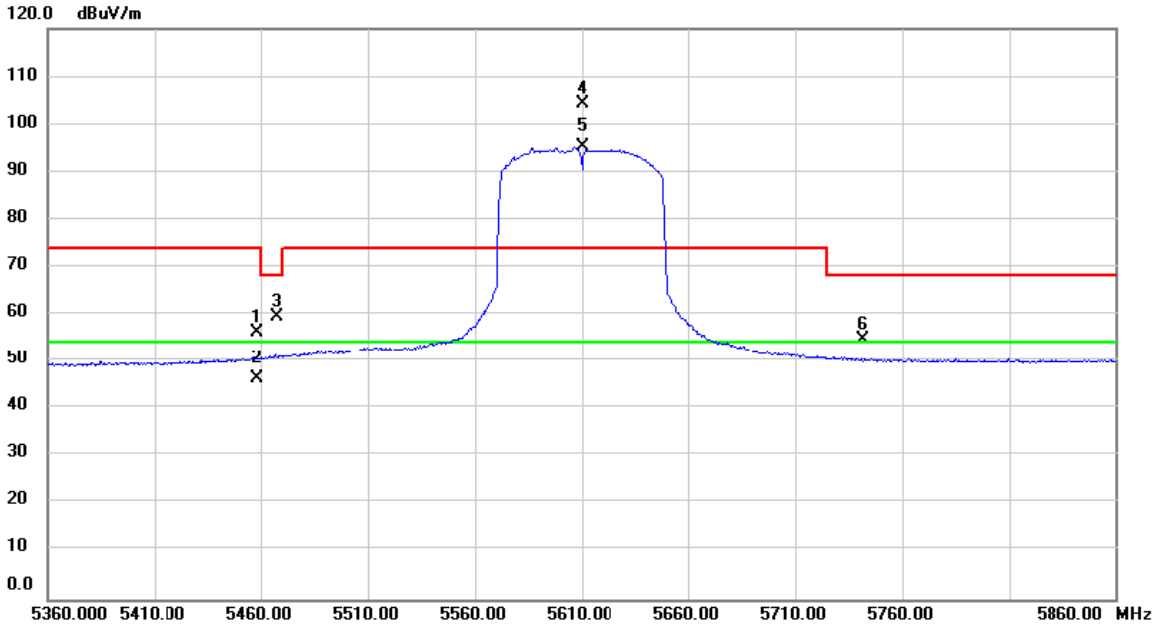
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5454.280	15.73	38.02	53.75	74.00	-20.25	peak	
2		5454.280	5.68	38.02	43.70	54.00	-10.30	AVG	
3		5469.690	21.90	38.03	59.93	68.20	-8.27	peak	
4	X	5530.000	54.96	38.16	93.12	74.00	19.12	peak	No Limit
5	*	5530.000	45.78	38.16	83.94	54.00	29.94	AVG	No Limit
6		5731.325	12.63	38.66	51.29	68.20	-16.91	peak	

Test Mode	UNII-2C/ TX AC80 Mode 5530MHz	Polarization	Horizontal



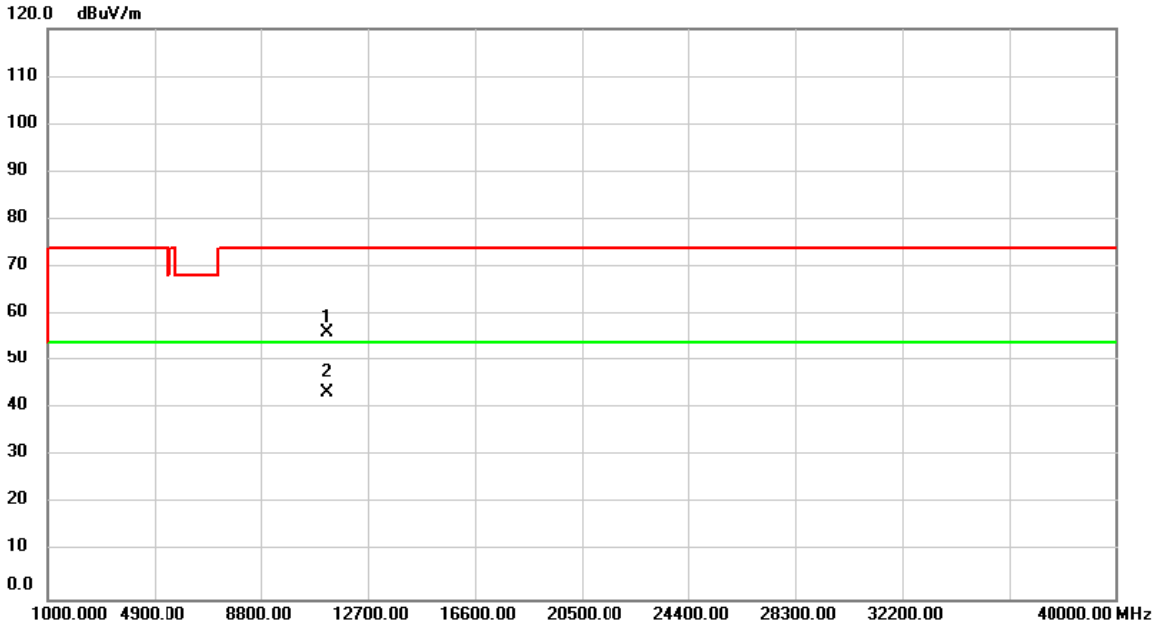
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11060.00	53.70	2.56	56.26	74.00	-17.74	peak	
2	*	11060.00	41.00	2.56	43.56	54.00	-10.44	AVG	

Test Mode	UNII-2C/ TX AC80 Mode 5610MHz	Polarization	Vertical



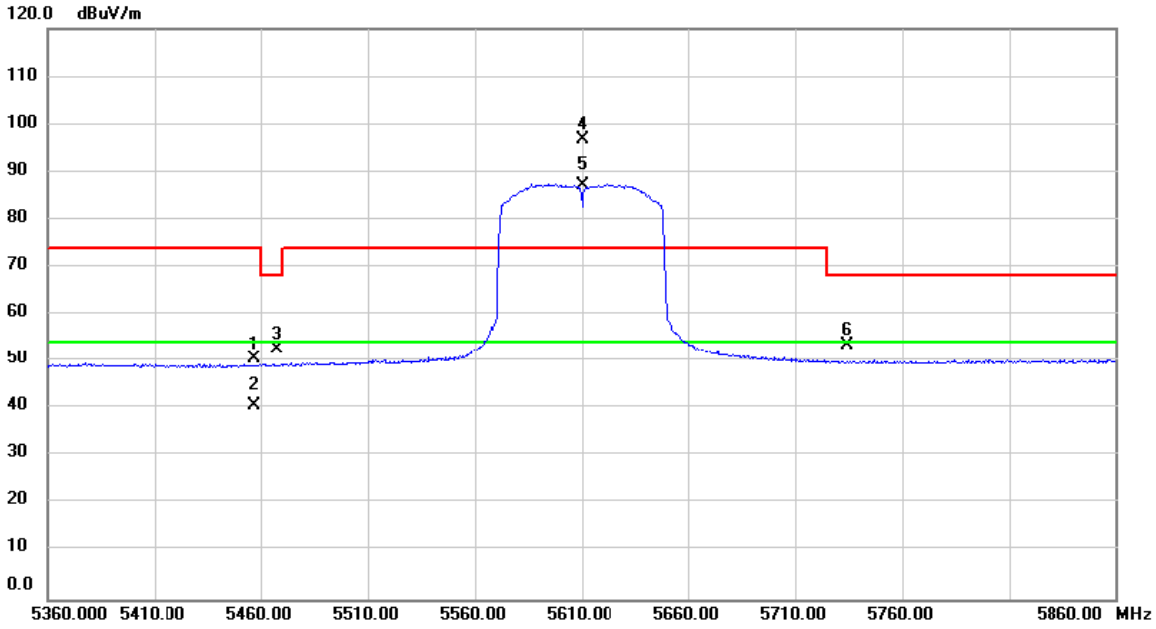
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.100	18.38	38.02	56.40	74.00	-17.60	peak	
2		5458.100	8.40	38.02	46.42	54.00	-7.58	AVG	
3		5467.630	21.45	38.03	59.48	68.20	-8.72	peak	
4	X	5610.000	65.81	38.36	104.17	74.00	30.17	peak	No Limit
5	*	5610.000	56.86	38.36	95.22	54.00	41.22	AVG	No Limit
6		5741.875	15.95	38.68	54.63	68.20	-13.57	peak	

Test Mode	UNII-2C/ TX AC80 Mode 5610MHz	Polarization	Vertical



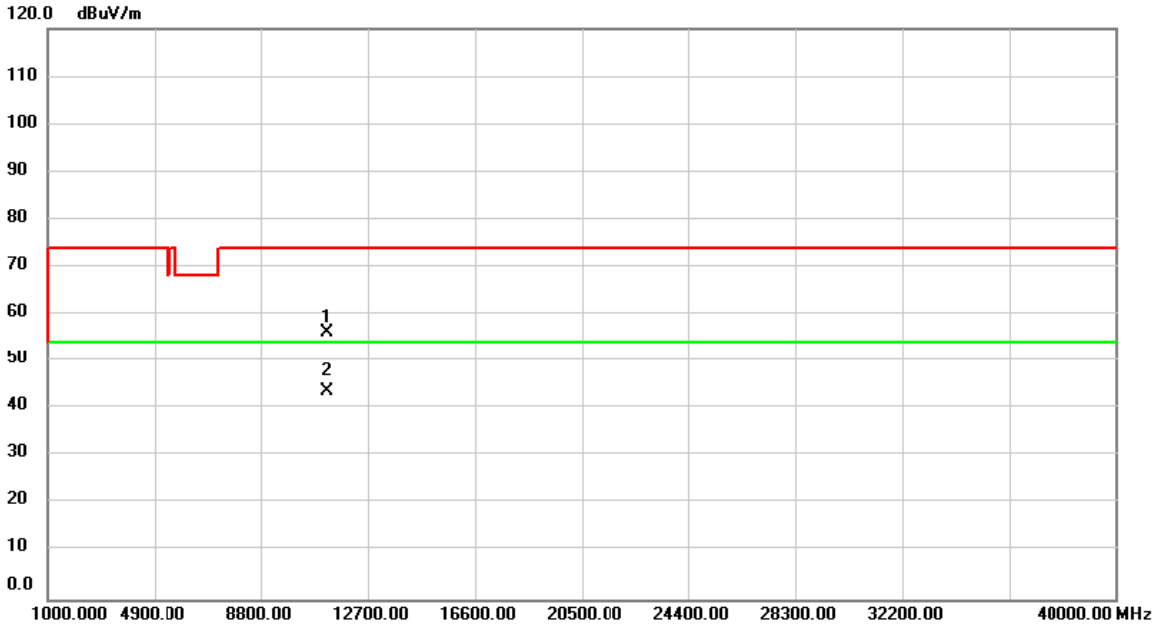
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11220.00	53.61	2.76	56.37	74.00	-17.63	peak	
2	*	11220.00	40.70	2.76	43.46	54.00	-10.54	AVG	

Test Mode	UNII-2C/ TX AC80 Mode 5610MHz	Polarization	Horizontal



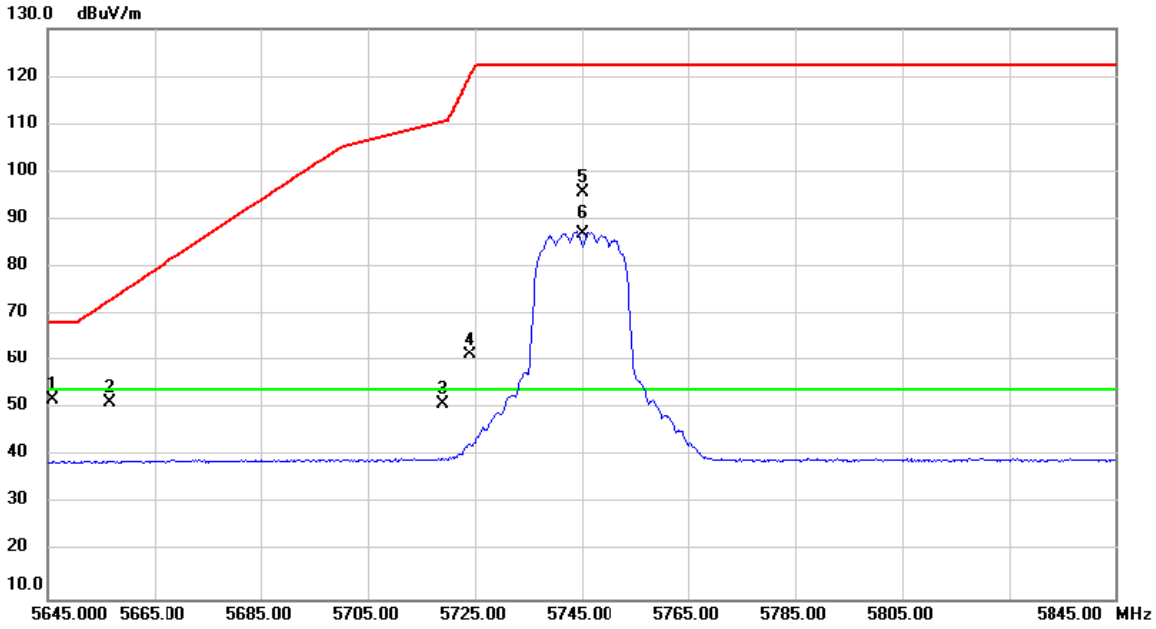
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5456.700	12.64	38.02	50.66	74.00	-23.34	peak	
2		5456.700	2.68	38.02	40.70	54.00	-13.30	AVG	
3		5467.980	14.54	38.03	52.57	68.20	-15.63	peak	
4	X	5610.000	58.29	38.36	96.65	74.00	22.65	peak	No Limit
5	*	5610.000	48.92	38.36	87.28	54.00	33.28	AVG	No Limit
6		5734.045	14.98	38.67	53.65	68.20	-14.55	peak	

Test Mode	UNII-2C/ TX AC80 Mode 5610MHz	Polarization	Horizontal



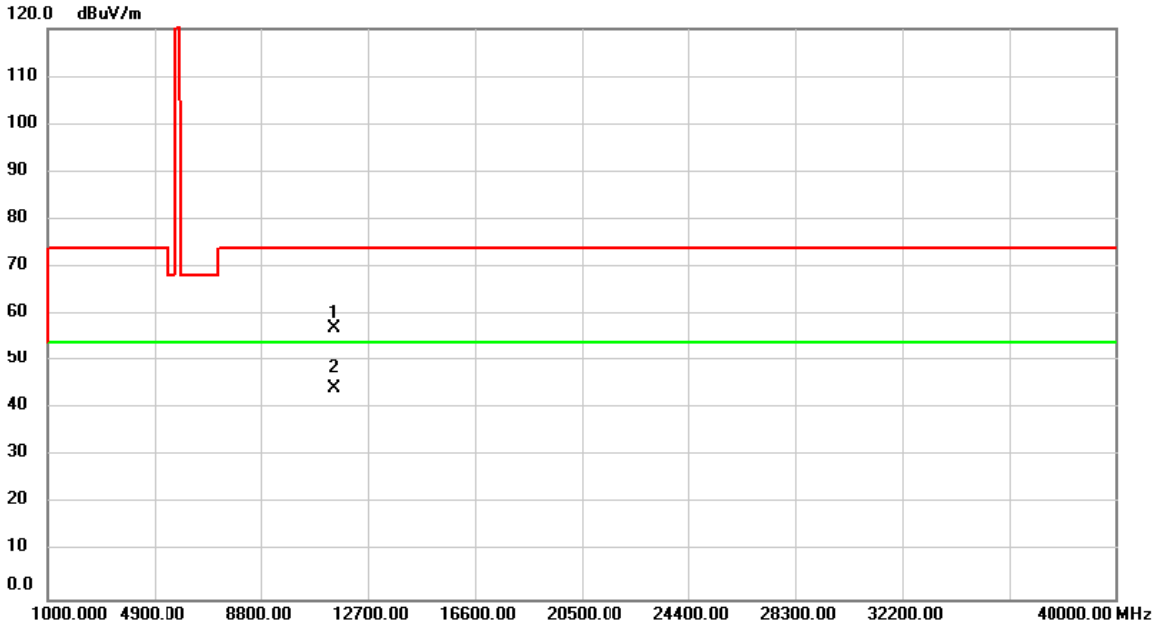
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11220.00	53.49	2.76	56.25	74.00	-17.75	peak	
2	*	11220.00	40.78	2.76	43.54	54.00	-10.46	AVG	

Test Mode	UNII-3/ TX A Mode 5745MHz	Polarization	Vertical



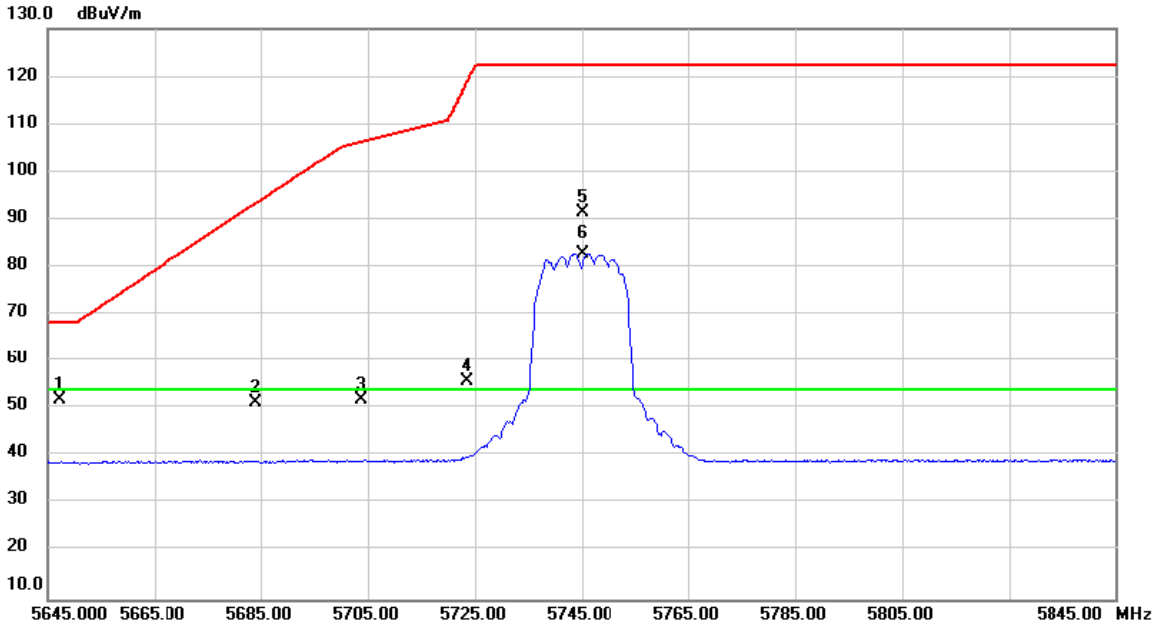
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5645.950	13.51	38.45	51.96	68.20	-16.24	peak	
2		5656.550	12.65	38.47	51.12	73.07	-21.95	peak	
3		5719.080	12.43	38.63	51.06	110.54	-59.48	peak	
4		5724.165	22.82	38.64	61.46	120.30	-58.84	peak	
5		5745.000	56.85	38.69	95.54	122.20	-26.66	peak	No Limit
6	*	5745.000	48.37	38.69	87.06	54.00	33.06	AVG	No Limit

Test Mode	UNII-3/ TX A Mode 5745MHz	Polarization	Vertical



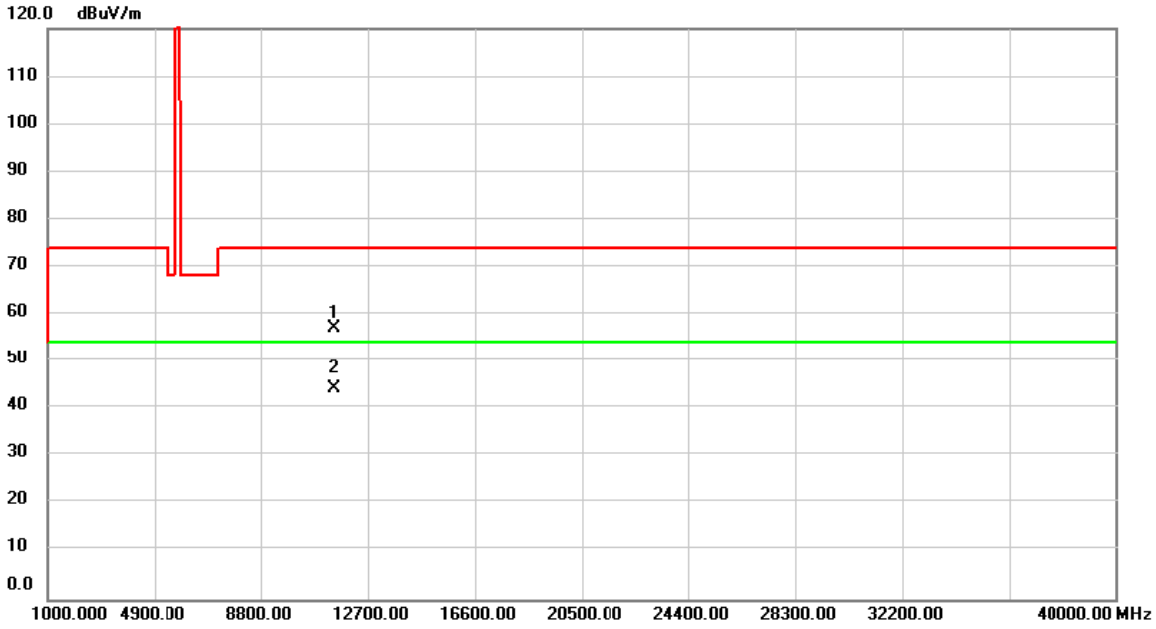
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	53.94	3.09	57.03	74.00	-16.97	peak	
2	*	11490.00	41.22	3.09	44.31	54.00	-9.69	AVG	

Test Mode	UNII-3/ TX A Mode 5745MHz	Polarization	Horizontal



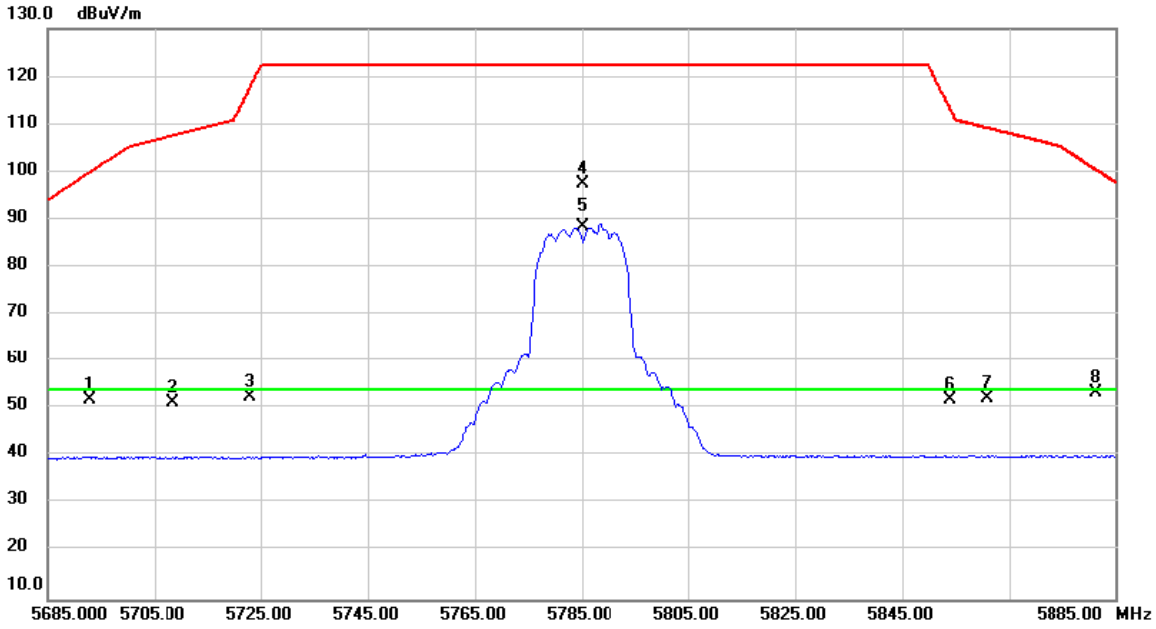
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5647.180	13.29	38.45	51.74	68.20	-16.46	peak	
2		5684.200	12.69	38.54	51.23	93.54	-42.31	peak	
3		5703.740	13.20	38.59	51.79	106.25	-54.46	peak	
4		5723.490	17.00	38.64	55.64	118.76	-63.12	peak	
5		5745.000	52.78	38.69	91.47	122.20	-30.73	peak	No Limit
6	*	5745.000	44.15	38.69	82.84	54.00	28.84	AVG	No Limit

Test Mode	UNII-3/ TX A Mode 5745MHz	Polarization	Horizontal



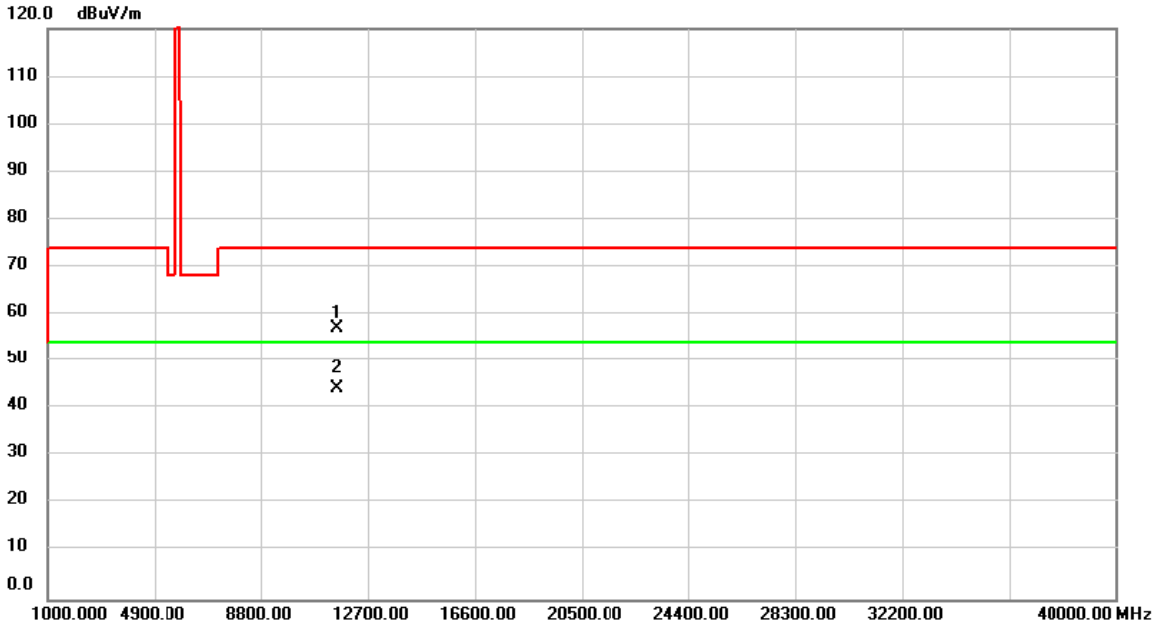
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	54.13	3.09	57.22	74.00	-16.78	peak	
2	*	11490.00	41.22	3.09	44.31	54.00	-9.69	AVG	

Test Mode	UNII-3/ TX A Mode 5785MHz	Polarization	Vertical



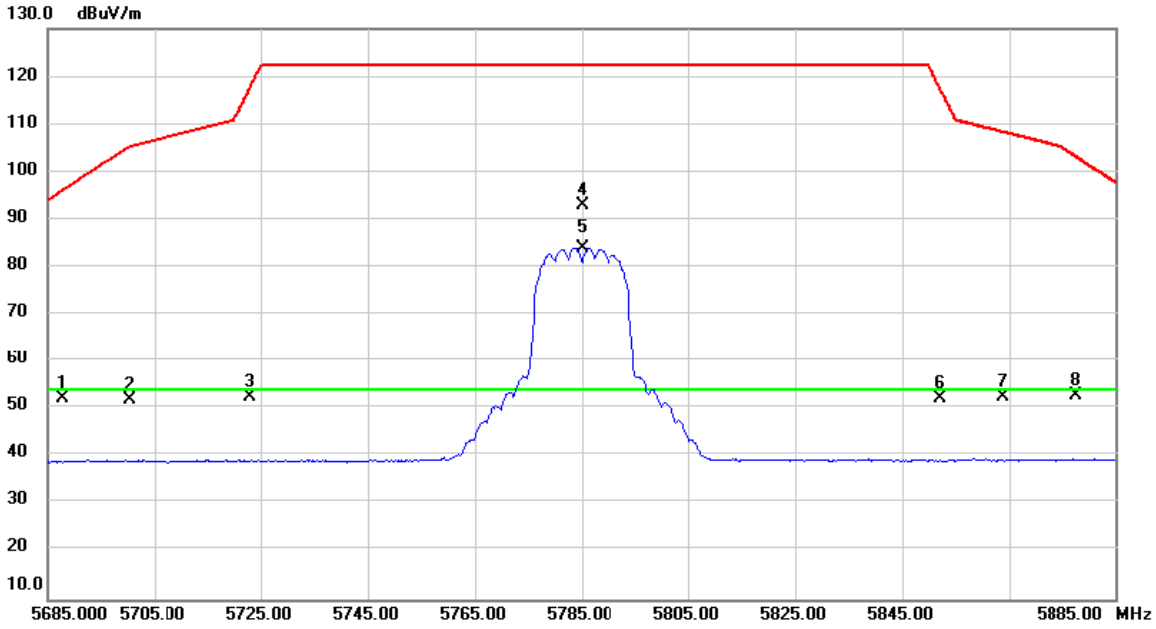
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5692.770	13.14	38.57	51.71	99.87	-48.16	peak	
2		5708.620	12.76	38.61	51.37	107.62	-56.25	peak	
3		5722.935	13.80	38.64	52.44	117.49	-65.05	peak	
4		5785.000	58.57	38.79	97.36	122.20	-24.84	peak	No Limit
5	*	5785.000	49.52	38.79	88.31	54.00	34.31	AVG	No Limit
6		5854.000	12.94	38.96	51.90	113.08	-61.18	peak	
7		5860.820	13.15	38.98	52.13	109.17	-57.04	peak	
8		5881.520	14.29	39.03	53.32	100.36	-47.04	peak	

Test Mode	UNII-3/ TX A Mode 5785MHz	Polarization	Vertical



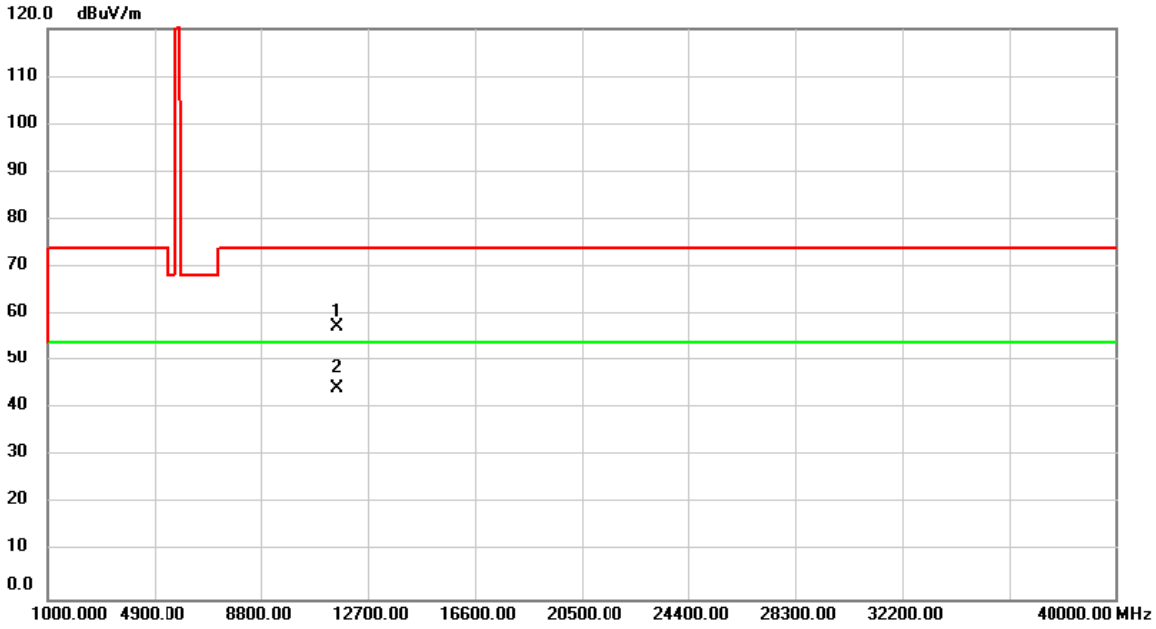
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	54.24	2.93	57.17	74.00	-16.83	peak	
2	*	11570.00	41.47	2.93	44.40	54.00	-9.60	AVG	

Test Mode	UNII-3/ TX A Mode 5785MHz	Polarization	Horizontal



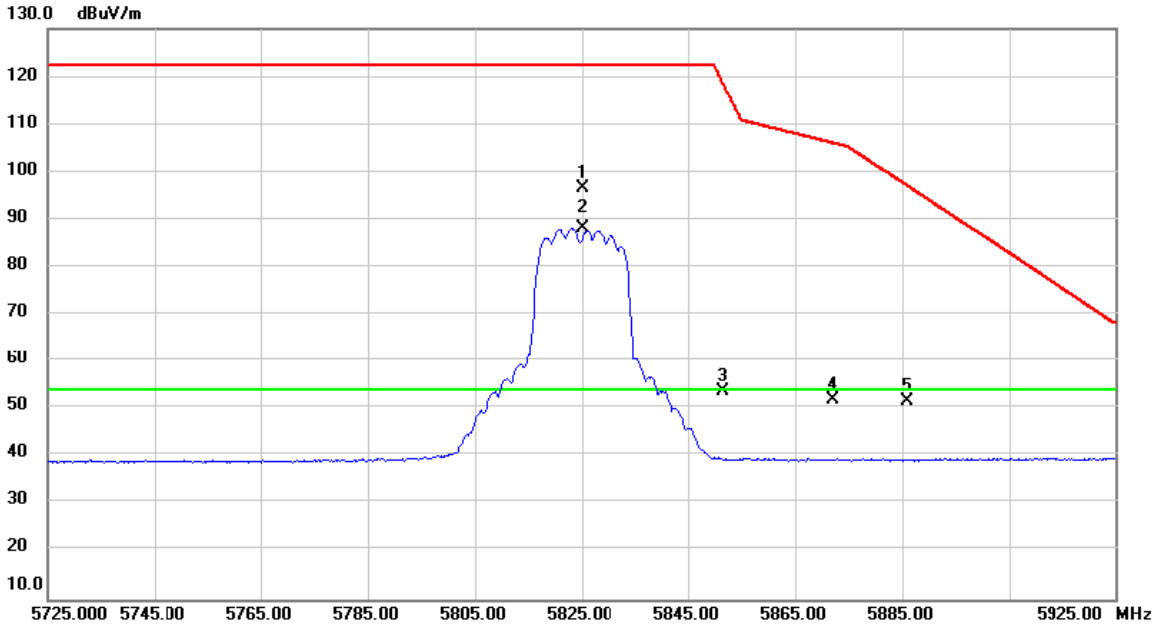
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5687.895	13.49	38.56	52.05	96.27	-44.22	peak	
2		5700.420	13.41	38.58	51.99	105.32	-53.33	peak	
3		5723.105	13.85	38.64	52.49	117.88	-65.39	peak	
4		5785.000	54.25	38.79	93.04	122.20	-29.16	peak	No Limit
5	*	5785.000	45.11	38.79	83.90	54.00	29.90	AVG	No Limit
6		5852.175	13.19	38.95	52.14	117.24	-65.10	peak	
7		5863.920	13.36	38.99	52.35	108.30	-55.95	peak	
8		5877.690	13.86	39.02	52.88	103.20	-50.32	peak	

Test Mode	UNII-3/ TX A Mode 5785MHz	Polarization	Horizontal



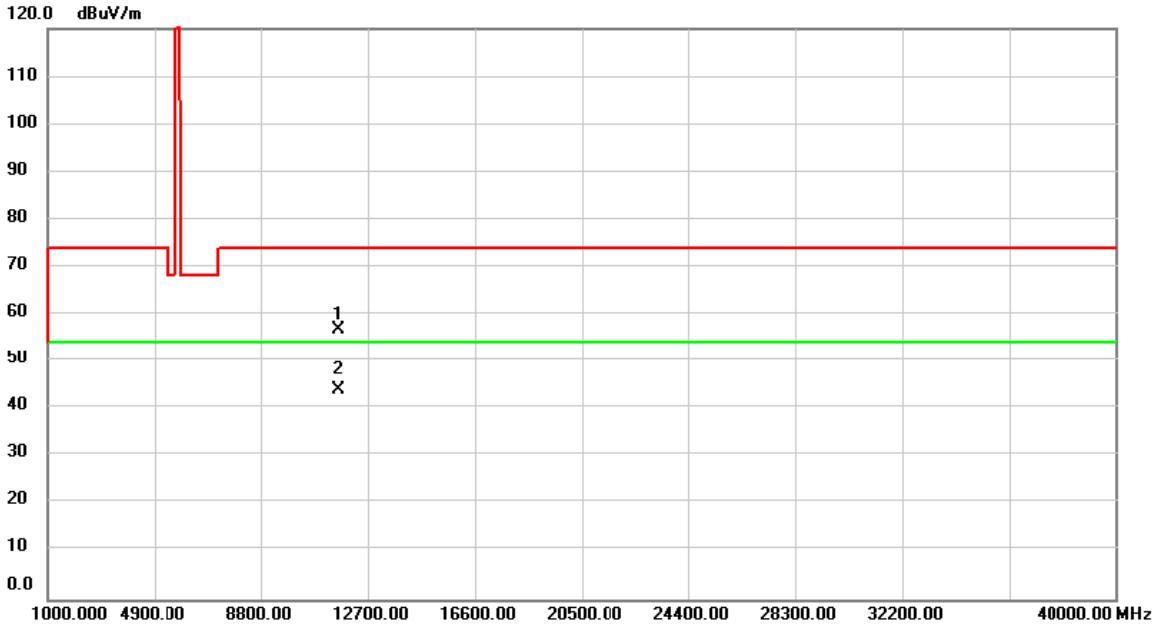
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	54.50	2.93	57.43	74.00	-16.57	peak	
2	*	11570.00	41.42	2.93	44.35	54.00	-9.65	AVG	

Test Mode	UNII-3/ TX A Mode 5825MHz	Polarization	Vertical



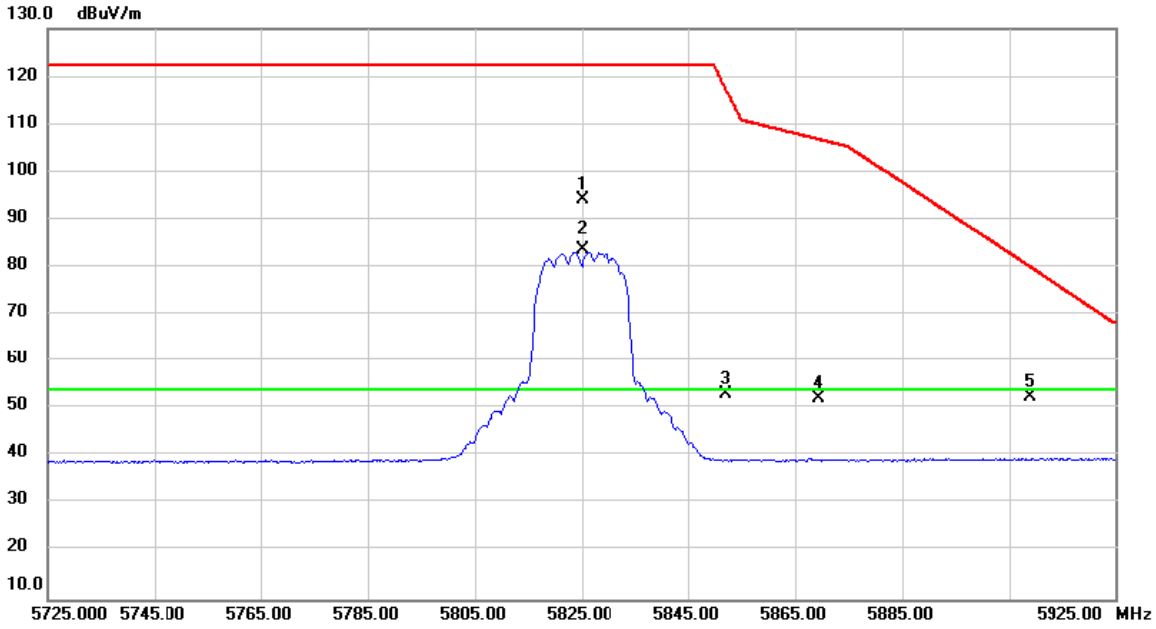
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5825.000	57.69	38.89	96.58	122.20	-25.62	peak	No Limit
2	*	5825.000	49.28	38.89	88.17	54.00	34.17	AVG	No Limit
3		5851.560	14.80	38.95	53.75	118.64	-64.89	peak	
4		5872.180	12.98	39.00	51.98	105.99	-54.01	peak	
5		5885.850	12.55	39.04	51.59	97.14	-45.55	peak	

Test Mode	UNII-3/ TX A Mode 5825MHz	Polarization	Vertical



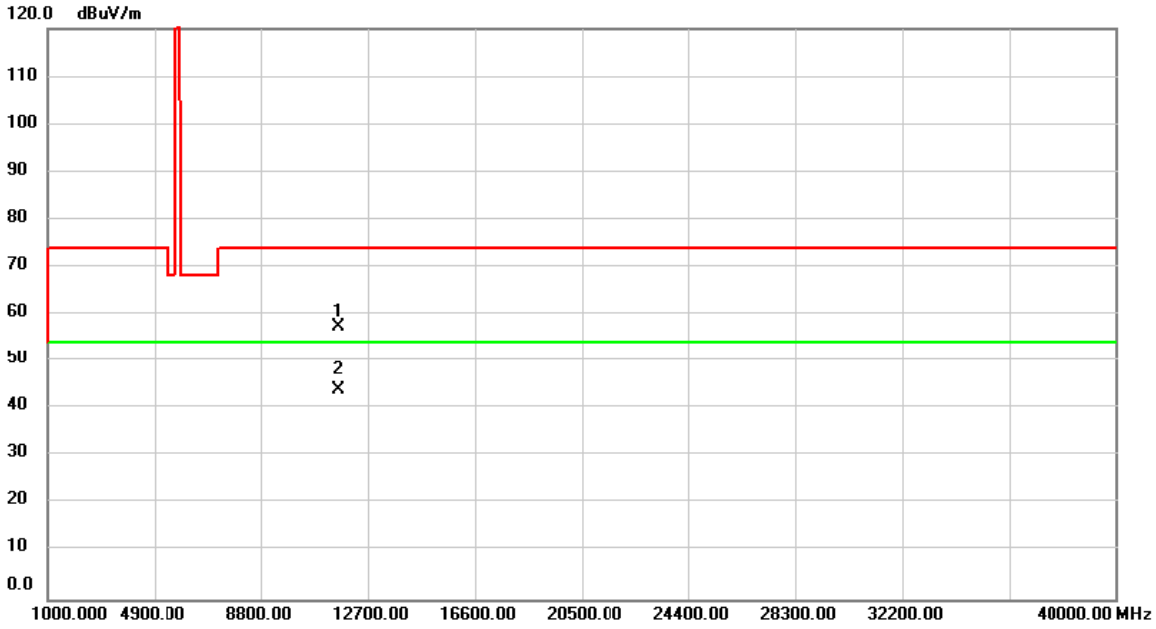
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	54.22	2.73	56.95	74.00	-17.05	peak	
2	*	11650.00	41.31	2.73	44.04	54.00	-9.96	AVG	

Test Mode	UNII-3/ TX A Mode 5825MHz	Polarization	Horizontal



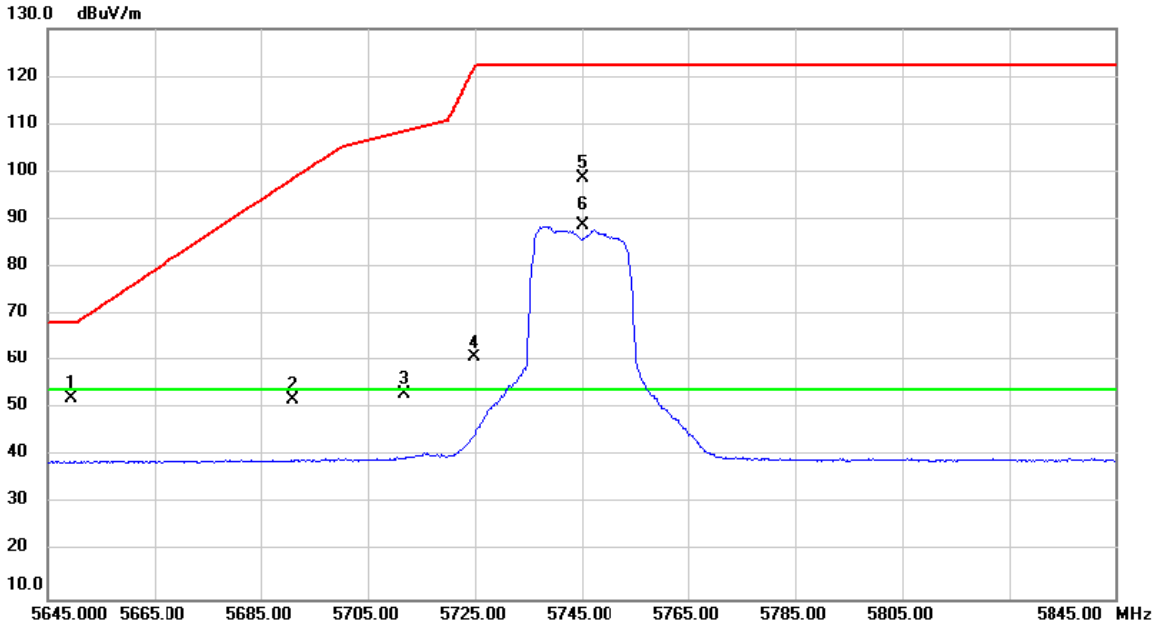
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5825.000	55.35	38.89	94.24	122.20	-27.96	peak	No Limit
2	*	5825.000	44.67	38.89	83.56	54.00	29.56	AVG	No Limit
3		5852.010	14.04	38.95	52.99	117.62	-64.63	peak	
4		5869.480	13.30	39.00	52.30	106.74	-54.44	peak	
5		5908.800	13.26	39.10	52.36	80.15	-27.79	peak	

Test Mode	UNII-3/ TX A Mode 5825MHz	Polarization	Horizontal



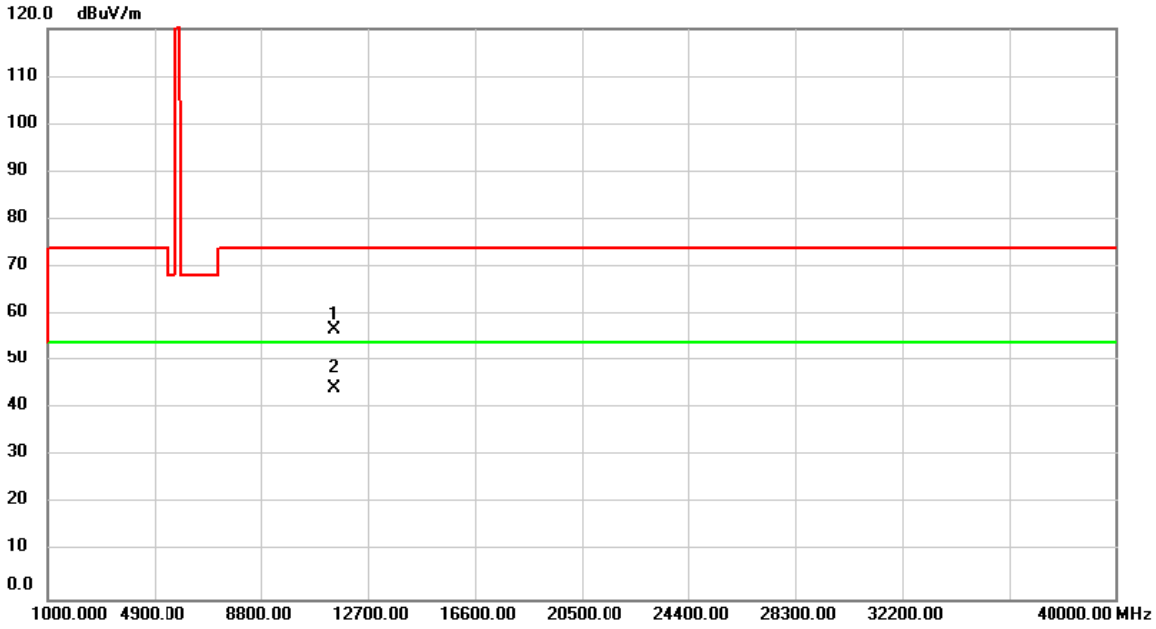
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	54.63	2.73	57.36	74.00	-16.64	peak	
2	*	11650.00	41.24	2.73	43.97	54.00	-10.03	AVG	

Test Mode	UNII-3/ TX N20 Mode 5745MHz	Polarization	Vertical



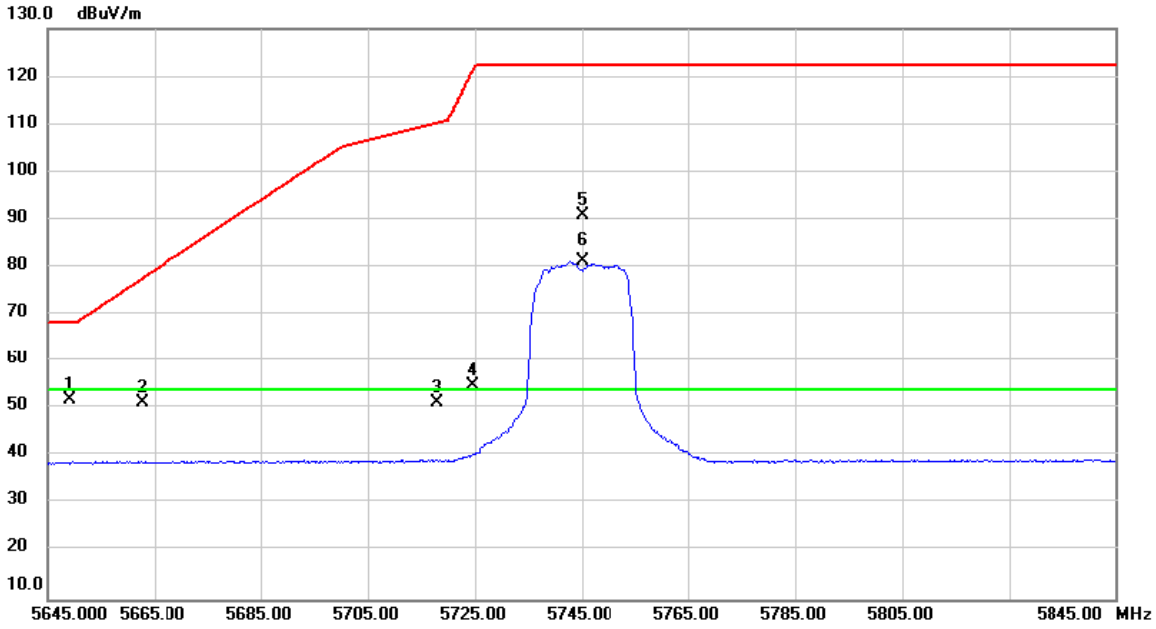
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5649.320	13.83	38.46	52.29	68.20	-15.91	peak	
2		5690.900	13.35	38.56	51.91	98.49	-46.58	peak	
3		5711.880	14.44	38.61	53.05	108.53	-55.48	peak	
4		5724.840	22.20	38.64	60.84	121.84	-61.00	peak	
5		5745.000	59.91	38.69	98.60	122.20	-23.60	peak	No Limit
6	*	5745.000	50.02	38.69	88.71	54.00	34.71	AVG	No Limit

Test Mode	UNII-3/ TX N20 Mode 5745MHz	Polarization	Vertical



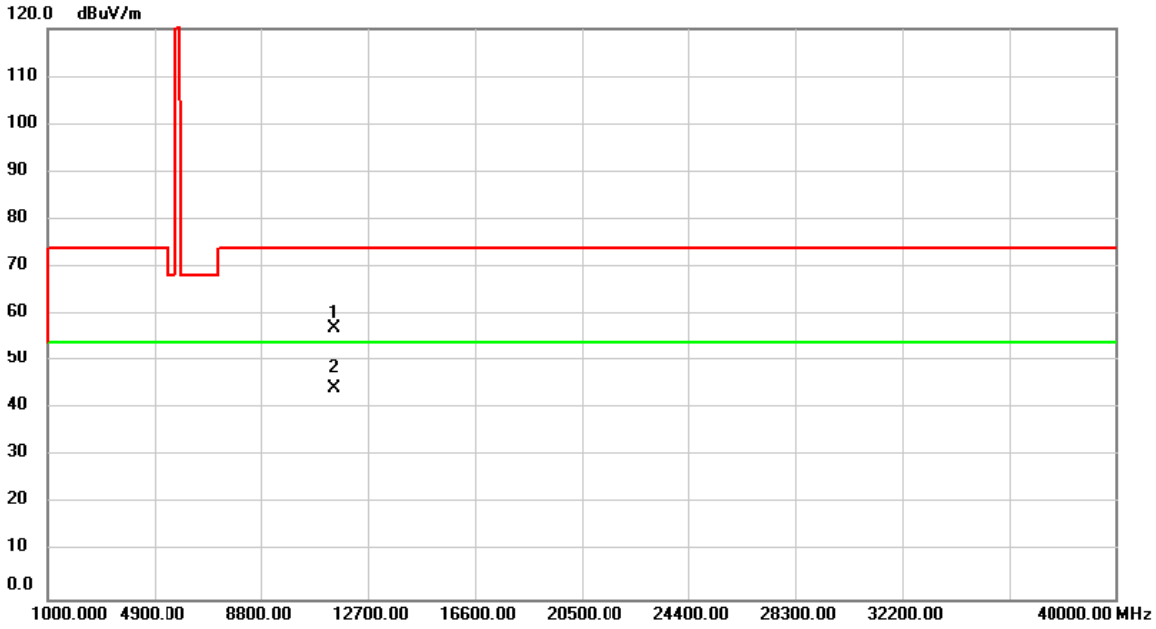
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	53.91	3.09	57.00	74.00	-17.00	peak	
2	*	11490.00	41.21	3.09	44.30	54.00	-9.70	AVG	

Test Mode	UNII-3/ TX N20 Mode 5745MHz	Polarization	Horizontal



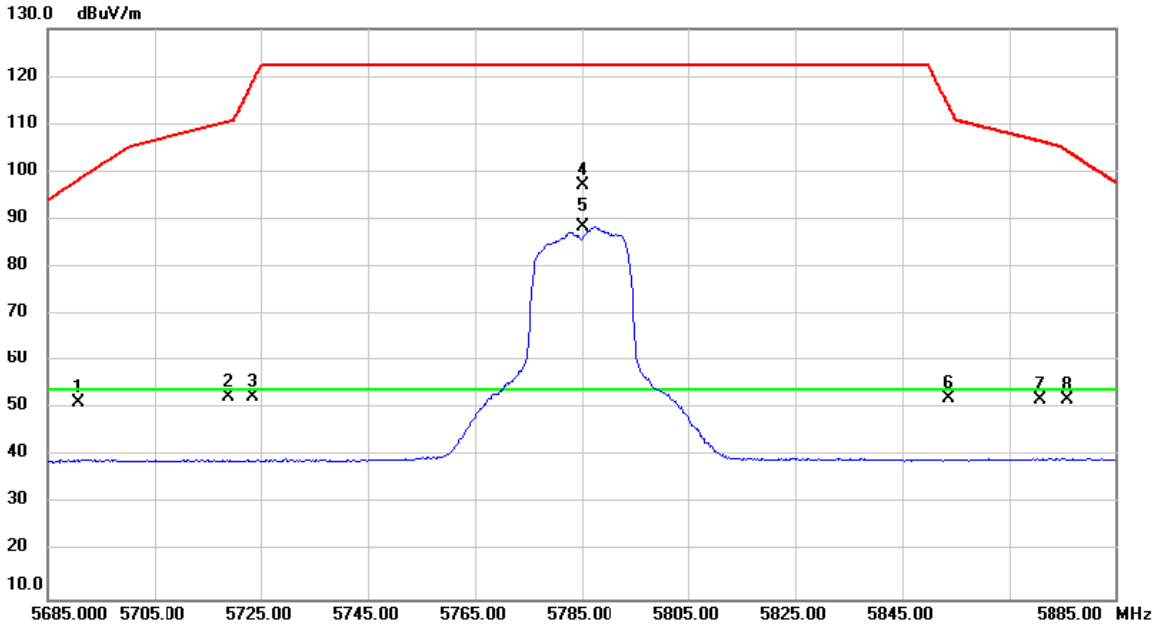
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5649.240	13.38	38.46	51.84	68.20	-16.36	peak	
2		5662.850	12.81	38.49	51.30	77.74	-26.44	peak	
3		5718.000	12.58	38.63	51.21	110.24	-59.03	peak	
4		5724.580	16.22	38.64	54.86	121.24	-66.38	peak	
5		5745.000	52.29	38.69	90.98	122.20	-31.22	peak	No Limit
6	*	5745.000	42.47	38.69	81.16	54.00	27.16	AVG	No Limit

Test Mode	UNII-3/ TX N20 Mode 5745MHz	Polarization	Horizontal



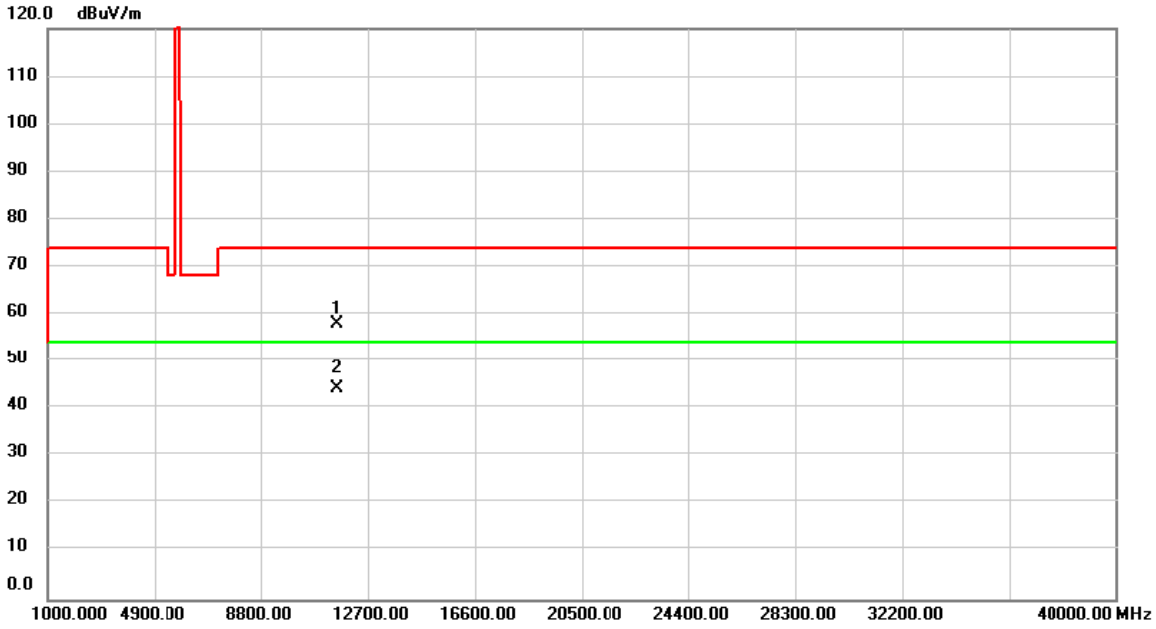
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	54.00	3.09	57.09	74.00	-16.91	peak	
2	*	11490.00	41.28	3.09	44.37	54.00	-9.63	AVG	

Test Mode	UNII-3/ TX N20 Mode 5785MHz	Polarization	Vertical



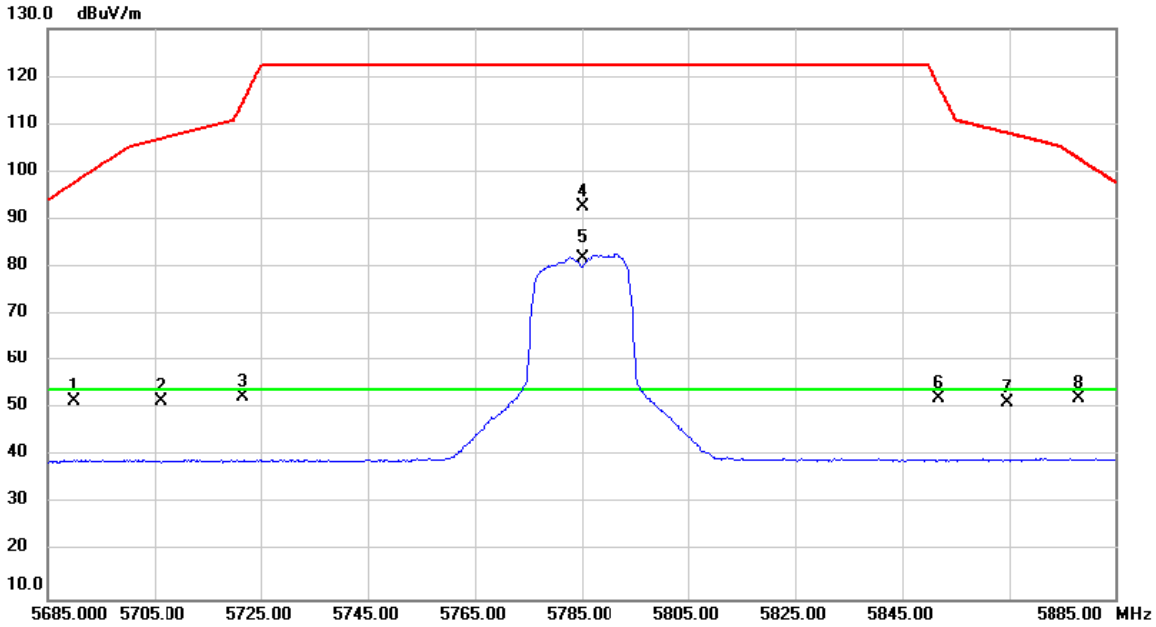
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5690.625	12.57	38.56	51.13	98.29	-47.16	peak	
2		5719.000	13.74	38.63	52.37	110.52	-58.15	peak	
3		5723.500	13.86	38.64	52.50	118.78	-66.28	peak	
4		5785.000	58.24	38.79	97.03	122.20	-25.17	peak	No Limit
5	*	5785.000	49.61	38.79	88.40	54.00	34.40	AVG	No Limit
6		5853.775	13.11	38.96	52.07	113.59	-61.52	peak	
7		5870.600	12.99	39.00	51.99	106.43	-54.44	peak	
8		5876.100	12.74	39.01	51.75	104.38	-52.63	peak	

Test Mode	UNII-3/ TX N20 Mode 5785MHz	Polarization	Vertical



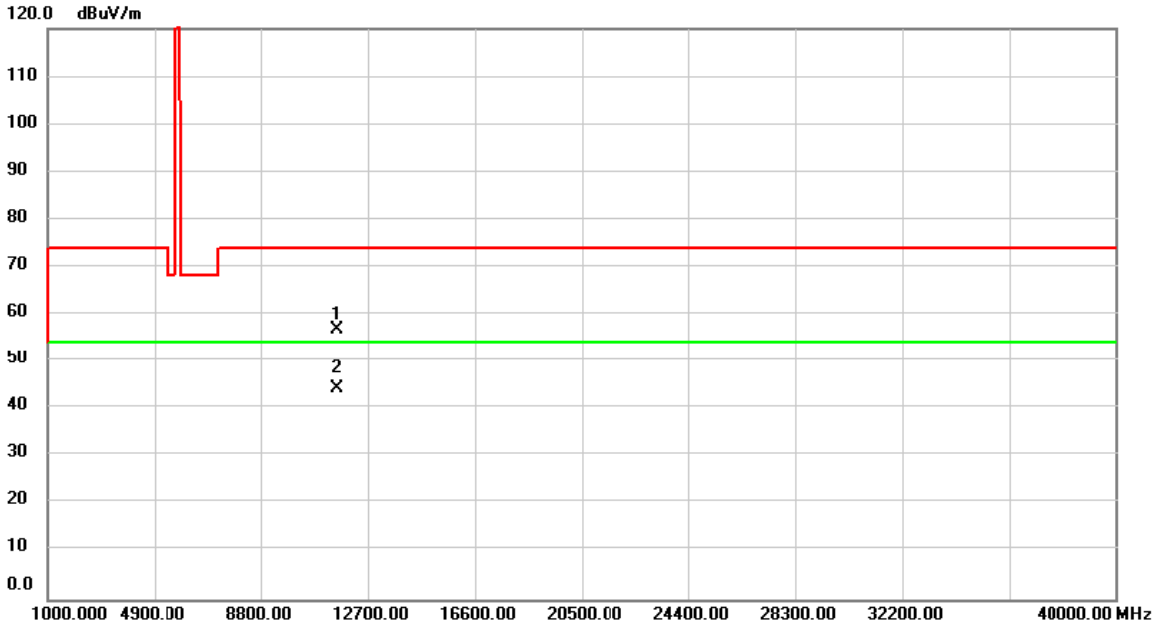
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	55.03	2.93	57.96	74.00	-16.04	peak	
2	*	11570.00	41.18	2.93	44.11	54.00	-9.89	AVG	

Test Mode	UNII-3/ TX N20 Mode 5785MHz	Polarization	Horizontal



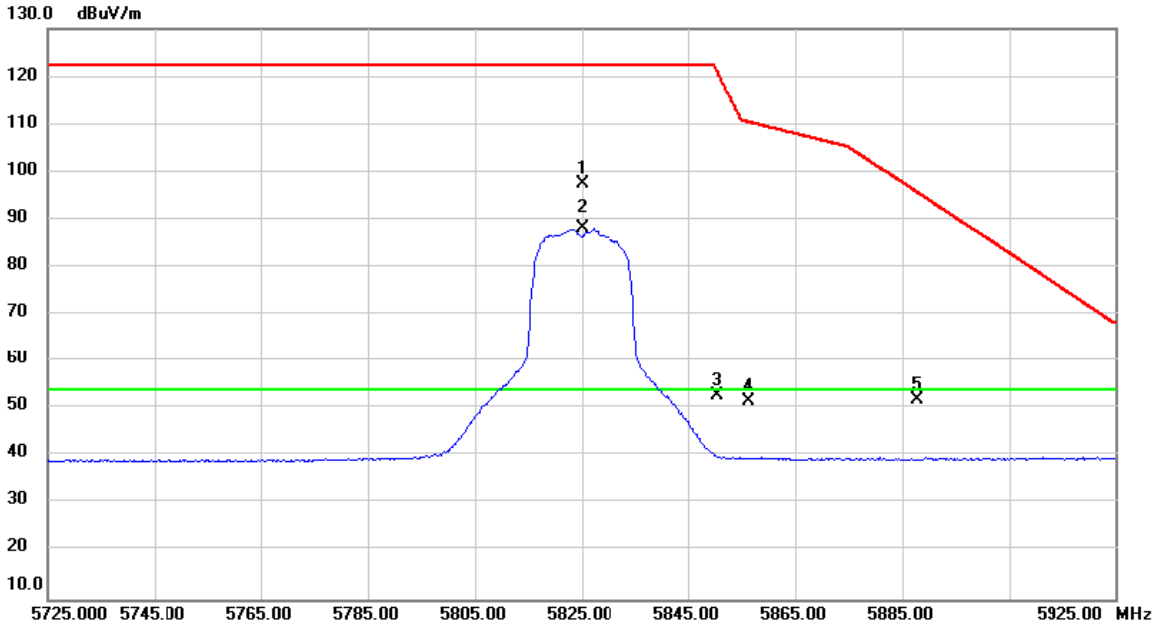
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5690.010	12.92	38.56	51.48	97.83	-46.35	peak	
2		5706.100	13.07	38.59	51.66	106.91	-55.25	peak	
3		5721.660	13.80	38.63	52.43	114.59	-62.16	peak	
4		5785.000	53.76	38.79	92.55	122.20	-29.65	peak	No Limit
5	*	5785.000	43.08	38.79	81.87	54.00	27.87	AVG	No Limit
6		5851.840	13.18	38.95	52.13	118.00	-65.87	peak	
7		5864.620	12.37	38.99	51.36	108.10	-56.74	peak	
8		5878.160	12.99	39.02	52.01	102.85	-50.84	peak	

Test Mode	UNII-3/ TX N20 Mode 5785MHz	Polarization	Horizontal



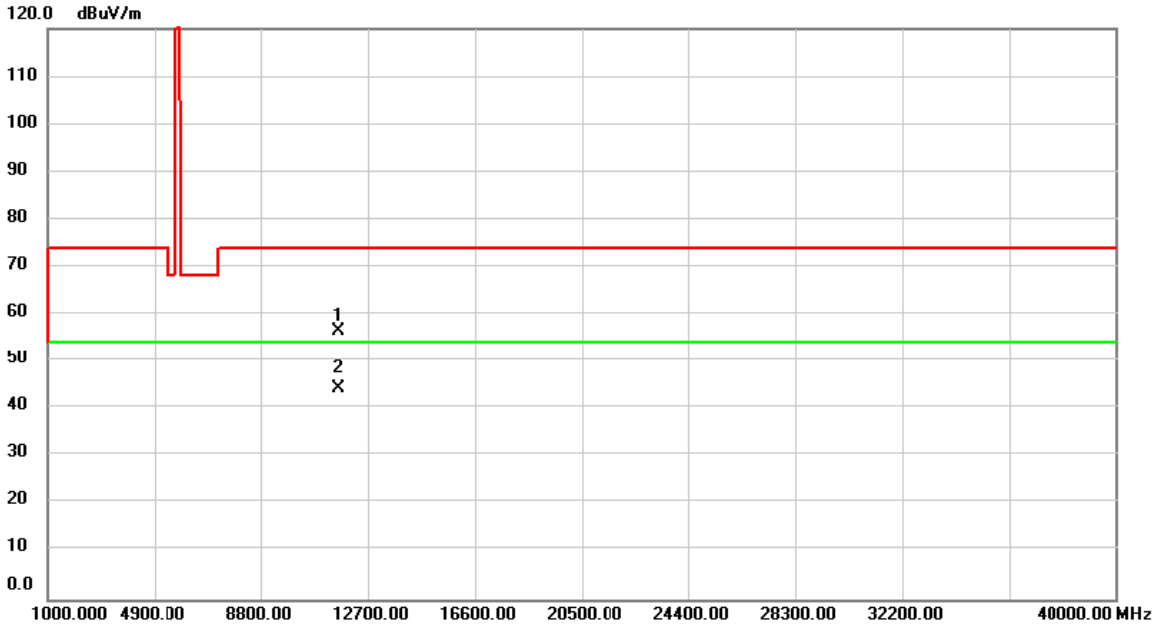
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	53.94	2.93	56.87	74.00	-17.13	peak	
2	*	11570.00	41.38	2.93	44.31	54.00	-9.69	AVG	

Test Mode	UNII-3/ TX N20 Mode 5825MHz	Polarization	Vertical



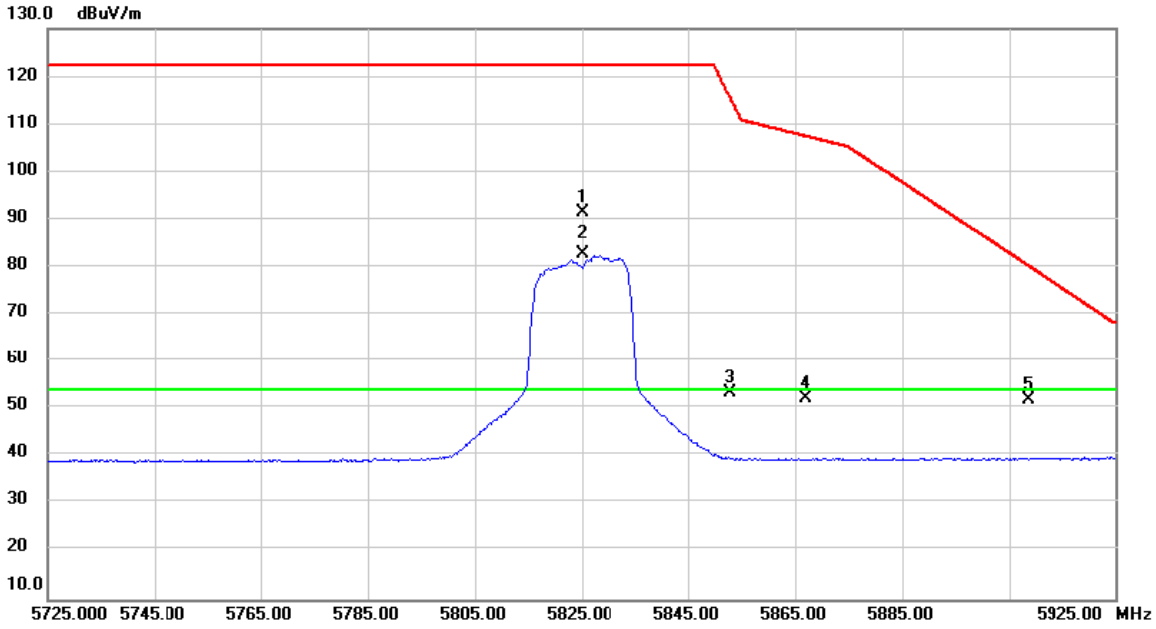
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5825.000	58.44	38.89	97.33	122.20	-24.87	peak	No Limit
2	*	5825.000	49.22	38.89	88.11	54.00	34.11	AVG	No Limit
3		5850.350	13.87	38.95	52.82	121.40	-68.58	peak	
4		5856.300	12.54	38.96	51.50	110.44	-58.94	peak	
5		5887.900	12.69	39.05	51.74	95.62	-43.88	peak	

Test Mode	UNII-3/ TX N20 Mode 5825MHz	Polarization	Vertical



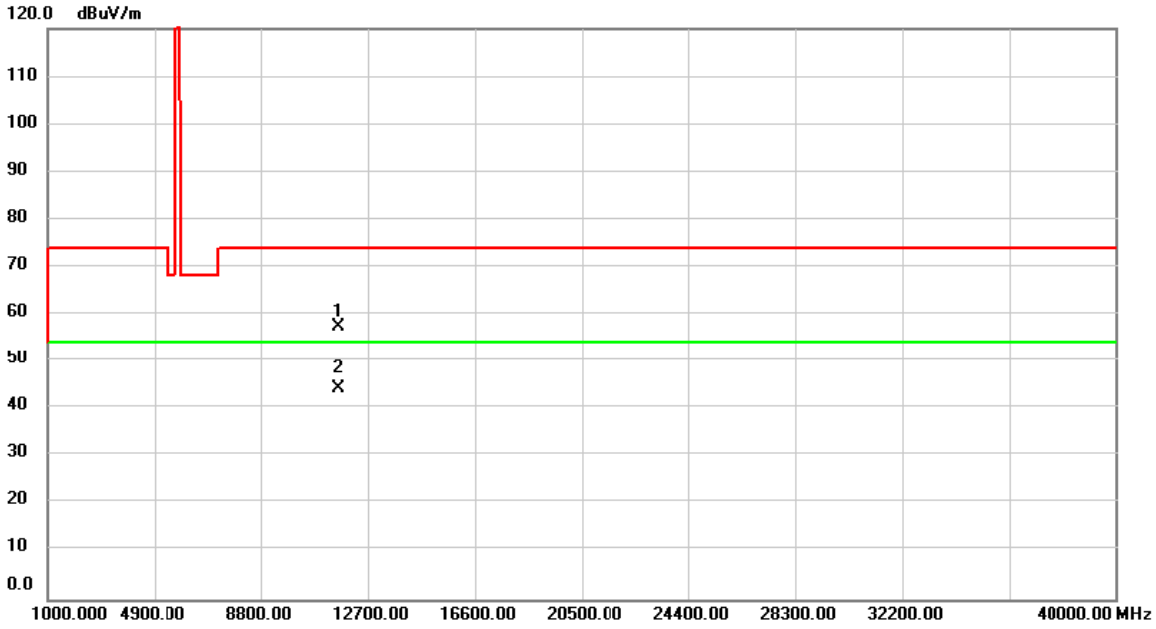
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	53.86	2.73	56.59	74.00	-17.41	peak	
2	*	11650.00	41.48	2.73	44.21	54.00	-9.79	AVG	

Test Mode	UNII-3/ TX N20 Mode 5825MHz	Polarization	Horizontal



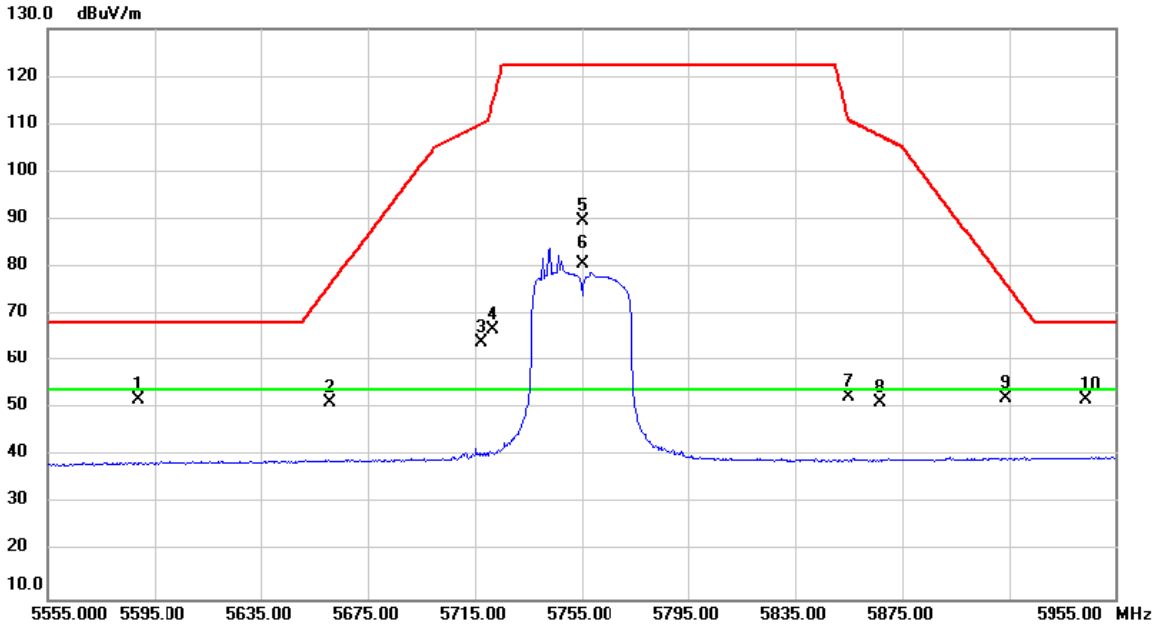
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5825.000	52.62	38.89	91.51	122.20	-30.69	peak	No Limit
2	*	5825.000	43.73	38.89	82.62	54.00	28.62	AVG	No Limit
3		5852.785	14.36	38.96	53.32	115.85	-62.53	peak	
4		5866.900	13.12	38.99	52.11	107.47	-55.36	peak	
5		5908.500	12.71	39.10	51.81	80.38	-28.57	peak	

Test Mode	UNII-3/ TX N20 Mode 5825MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	54.62	2.73	57.35	74.00	-16.65	peak	
2	*	11650.00	41.49	2.73	44.22	54.00	-9.78	AVG	

Test Mode	UNII-3/ TX N40 Mode 5755MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5588.820	13.42	38.31	51.73	68.20	-16.47	peak	
2		5660.700	12.77	38.48	51.25	76.15	-24.90	peak	
3		5717.640	25.40	38.63	64.03	110.14	-46.11	peak	
4		5721.540	28.21	38.63	66.84	114.31	-47.47	peak	
5		5755.000	51.01	38.72	89.73	122.20	-32.47	peak	No Limit
6	*	5755.000	41.98	38.72	80.70	54.00	26.70	AVG	No Limit
7		5854.880	13.46	38.96	52.42	111.07	-58.65	peak	
8		5866.800	12.34	38.99	51.33	107.49	-56.16	peak	
9		5913.750	13.10	39.11	52.21	76.50	-24.29	peak	
10		5944.140	12.80	39.18	51.98	68.20	-16.22	peak	