FCC Radio Test Report

FCC ID: 2AF5PMGMT77

This report concerns: Class II Change

Project No.	:	1711C015B
Equipment	:	1) 24x8 Cable Modem plus AC1900 Router with Voice 2) 24x8 Cable Modem plus AC1900 Router
Brand Name	:	Motorola
Test Model	:	1) MT7711XY (where X can be A, B, C, D or blank, and Y can be A, B, C, D, or blank) The optional suffixes X and Y for identical hardware models for marketing purposes only)
Series Model	:	2) MG7700XY (where X can be A, B, C, D or blank, and Y can be A, B, C, D, or blank) The optional suffixes X and Y for identical hardware models for marketing purposes only)
Applicant	:	MTRLC LLC
Address	:	225 Franklin Street, 26th Floor, Boston, Massachusetts, United States
Manufacturer	:	MTRLC LLC
Address	:	225 Franklin Street, 26th Floor, Boston, Massachusetts, United States
Date of Receipt	:	Mar. 13, 2020
Date of Test	:	Mar. 13, 2020 ~ Apr. 16, 2020
Issued Date	:	Jun. 01, 2020
Report Version	:	R00
Test Sample	:	Engineering Sample No.:DG2020031840
Standard(s)	:	FCC Part15, Subpart E(15.407) ANSI C63.10-2013 FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 FCC KDB 662911 D01 Multiple Transmitter Output v02r01

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Prepared by : Chay Cai

Approved by : Ethan Ma

Certificate #5123.02

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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).

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The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and 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.
Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Compared with original report (BTL-FCCP-2-1711C015), 1. Changed the applicant and manufacturer address. 2. UNII-2A and UNII-2C mode have been tested and recorded in this report. The original test results for UNII-1 and UNII-3 please refer to original report.	Jun. 01, 2020

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)				
Standard(s) Section	**Test Item**	**Test Result**	**Judgment**	**Remark**
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	------
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.407(a) 15.407(e)	Spectrum Bandwidth	APPENDIX E	PASS	------
15.407(a)	Maximum Output Power	APPENDIX F	PASS	------
15.407(a)	Power Spectral Density	APPENDIX G	PASS	------
15.407(g)	Frequency Stability	APPENDIX H	PASS	------
15.203	Antenna Requirements	------	PASS	**NOTE (2)**
15.407(c)	Automatically Discontinue Transmission	------	PASS	**NOTE (3)**

Note:

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

(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

(3) During no any information transmission, the EUT can automatically discontinue transmission and become 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.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))
The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	V	3.79
		9kHz ~ 30MHz	H	3.57
		30MHz ~ 200MHz	V	4.88
		30MHz ~ 200MHz	H	4.14
		200MHz ~ 1,000MHz	V	4.62
		200MHz ~ 1,000MHz	H	4.80
		1GHz ~ 6GHz	-	4.58
		6GHz ~ 18GHz	-	5.18
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25°C	55%	AC 120V/60Hz AC 240V/60Hz	Sheldon Ou
Radiated Emissions-9K-30MHz	24°C	68%	AC 120V/60Hz	Sheldon Ou
Radiated Emissions-30 MHz to 1GHz	24°C	68%	AC 120V/60Hz	Sheldon Ou
Radiated Emissions-Above 1000 MHz	24°C	68%	AC 120V/60Hz	Sheldon Ou
Spectrum Bandwidth	25°C	51%	AC 120V/60Hz	Hayden Chen
Maximum Output Power	25°C	51%	AC 120V/60Hz	Hayden Chen
Power Spectral Density	25°C	51%	AC 120V/60Hz	Hayden Chen
Frequency Stability	Normal & Extreme	51%	Normal & Extreme	Hayden Chen

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	1) 24x8 Cable Modem plus AC1900 Router with Voice 2) 24x8 Cable Modem plus AC1900 Router
Brand Name	Motorola
Test Model	1) MT7711XY (where X can be A, B, C, D or blank, and Y can be A, B, C, D, or blank) The optional suffixes X and Y for identical hardware models for marketing purposes only)
Series Model	2) MG7700XY (where X can be A, B, C, D or blank, and Y can be A, B, C, D, or blank) The optional suffixes X and Y for identical hardware models for marketing purposes only)
Model Difference(s)	MG7700 has the same PCB design as MT7711, but deletes the FXS phone function and battery, and uses different enclosure and power supply.
Power Source	DC voltage supplied from AC/DC adapter. 1# Manufacturer / Model: Shenzhen SOY Technology Co.,Ltd / SOY-1200400-3014-II (MT7711XY) 2# Manufacturer / Model: Shenzhen Gongjin Electronlcs Co.,Ltd / S36B52-120A250-04 (MG7700XY)
Power Rating	1# I/P: 100-240Vac 50/60Hz 1.2A Max O/P: 12Vdc 4A(MT7711XY) 2# I/P: 100-240Vac 50/60Hz 1.0A Max O/P: 12Vdc 2.5A(MG7700XY)
Operation Frequency Bands	UNII-2A: 5250 MHz~5350 MHz UNII-2C: 5470 MHz~5725 MHz
Modulation Type	OFDM
Bit Rate of Transmitter	Up to 1300Mbps
Maximum Output Power for UNII-2A _Non Beamforming	IEEE 802.11a: 17.46 dBm (W) IEEE 802.11n (HT20): 20.12 dBm (0.1028 W) IEEE 802.11n (HT40): 22.21 dBm (0.1663 W) IEEE 802.11ac (VHT20): 20.08 dBm (0.1019 W) IEEE 802.11ac (VHT40): 22.19 dBm (0.1656 W) IEEE 802.11ac (VHT80): 19.56 dBm (0.0904 W)
Maximum Output Power for UNII-2C _Non Beamforming	IEEE 802.11a: 18.58 dBm (W) IEEE 802.11n (HT20): 19.77 dBm (0.0948 W) IEEE 802.11n (HT40): 22.03 dBm (0.1596 W) IEEE 802.11ac (VHT20): 19.68 dBm (0.0929 W) IEEE 802.11ac (VHT40): 22.16 dBm (0.1644 W) IEEE 802.11ac (VHT80): 21.94 dBm (0.1563 W)
Maximum Output Power for UNII-2A _Beamforming	IEEE 802.11n (HT20): 19.41 dBm (0.0873 W) IEEE 802.11n (HT40): 22.03 dBm (0.1596 W) IEEE 802.11ac (VHT20): 19.42 dBm (0.0875 W) IEEE 802.11ac (VHT40): 22.09 dBm (0.1618 W) IEEE 802.11ac (VHT80): 19.47 dBm (0.0885 W)
Maximum Output Power for UNII-2C _Beamforming	IEEE 802.11n (HT20): 19.63 dBm (0.0918 W) IEEE 802.11n (HT40): 21.93 dBm (0.1560 W) IEEE 802.11ac (VHT20): 19.10 dBm (0.0813 W) IEEE 802.11ac (VHT40): 22.02 dBm (0.1592 W) IEEE 802.11ac (VHT80): 21.80 dBm (0.1514 W)

Note:

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

2. Channel List:

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
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				

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
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		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB	u.fl	2.8
2	N/A	N/A	PCB	u.fl	2.8
3	N/A	N/A	PCB	u.fl	2.8

Note:

1) Antenna Gain=2.8dBi. This EUT supports MIMO 3X3, any transmit signals are correlated with each other, so Directional gain = $G_{Ant.}$+10log(N)dBi, that is Directional gain=2.8+10log(3)dBi=7.57.
So the output power limit is 24-(7.57-6)=22.43, the power spectral density limit is 11-(7.57-6)=9.43.
2) Beamforming Gain: 4.7dB. So the Directional gain = 4.7+2.8 = 7.5 dBi. So the output power limit is 24-(7.5-6)=22.50, the power spectral density limit is 11-(7.5-6)=9.50.

4. Table for Antenna Configuration:

Non Beamforming:

Operating Mode / TX Mode	1TX	3TX
IEEE 802.11a	V (Ant. 2)	-
IEEE 802.11n (HT20)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11n (HT40)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac (VHT20)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac (VHT40)	-	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac (VHT80)	-	V (Ant. 1 + Ant. 2 + Ant. 3)

Beamforming:

Operating Mode / TX Mode	3TX
IEEE 802.11n (HT20)	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11n (HT40)	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac (VHT20)	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac (VHT40)	V (Ant. 1 + Ant. 2 + Ant. 3)
IEEE 802.11ac (VHT80)	V (Ant. 1 + Ant. 2 + Ant. 3)

2.2 TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 2	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 3	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 4	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 6	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 10	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 11	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 12	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 13	TX N(HT40) Mode / CH54 (UNII-2A)

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 13	TX N(HT40) Mode / CH54 (UNII-2A)

Radiated emissions test – Below 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)

Radiated emissions test – Above 1GHz	
Final Test Mode	Description
Mode 1	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 2	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 3	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 4	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 6	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 10	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 11	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 12	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)

Conducted test	
Final Test Mode	Description
Mode 1	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 2	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 3	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 4	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 6	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 10	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 11	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 12	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)

Note:
(1) For radiated emission below 1 GHz test, the IEEE 802.11a is found to be the worst case and recorded.
(2) For radiated emission above 1 GHz test, 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
(3) For radiated spurious emissions below 1 GHz test, all adapters had been pre-tested and in this report only recorded the worst case.
(4) For radiated emissions, the TX WLAN 2.4G B Mode 2462MHz + WLAN 5G AC40 Mode 5795MHz was found the worst case of simultaneous transmission and recorded.

2.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming

UNII-2A			
Test Software	MTool_2.0.2.7		
Test Frequency (MHz)	5260	5300	5320
IEEE 802.11a	70	66	66
IEEE 802.11n (HT20)	63	58	58
IEEE 802.11ac (VHT20)	64	58	58
Test Frequency (MHz)	5270	5310	
IEEE 802.11n (HT40)	67	66	
IEEE 802.11ac (VHT40)	66	64	
Test Frequency (MHz)	5290		
IEEE 802.11ac (VHT80)	60		

UNII-2C			
Test Software	MTool_2.0.2.7		
Test Frequency (MHz)	5500	5580	5700
IEEE 802.11a	66	72	75
IEEE 802.11n (HT20)	50	59	59
IEEE 802.11ac (VHT20)	50	60	59
Test Frequency (MHz)	5510	5550	5670
IEEE 802.11n (HT40)	60	63	65
IEEE 802.11ac (VHT40)	60	63	65
Test Frequency (MHz)	5530	5610	
IEEE 802.11ac (VHT80)	52	65	

Beamforming

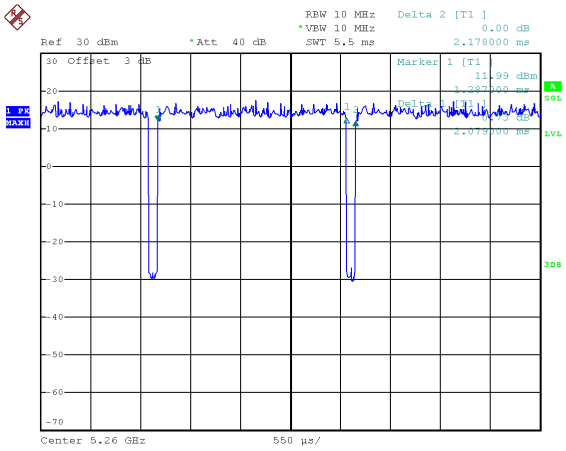
UNII-2A			
Test Software	MTool_2.0.2.7		
Test Frequency (MHz)	5260	5300	5320
IEEE 802.11n (HT20)	60	57	57
IEEE 802.11ac (VHT20)	61	57	57
Test Frequency (MHz)	5270	5310	
IEEE 802.11n (HT40)	66	65	
IEEE 802.11ac (VHT40)	66	64	
Test Frequency (MHz)	5290		
IEEE 802.11ac (VHT80)	60		

UNII-2C			
Test Software	MTool_2.0.2.7		
Test Frequency (MHz)	5500	5580	5700
IEEE 802.11n (HT20)	49	58	57
IEEE 802.11ac (VHT20)	50	58	58
Test Frequency (MHz)	5510	5550	5670
IEEE 802.11n (HT40)	60	63	64
IEEE 802.11ac (VHT40)	60	62	65
Test Frequency (MHz)	5530	5610	
IEEE 802.11ac (VHT80)	51	64	

2.4 DUTY CYCLE

If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.
The output power = measured power + duty factor.
The power spectral density = measured power spectral density + duty factor.

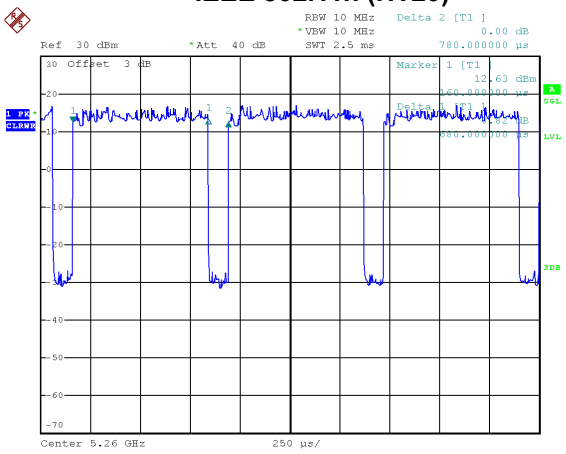
IEEE 802.11a



Date: 31.MAR.2020 15:04:52

Duty cycle = 2.079 ms / 2.178 ms = 95.45%
Duty Factor = 10 log(1 / Duty cycle) = 0.20

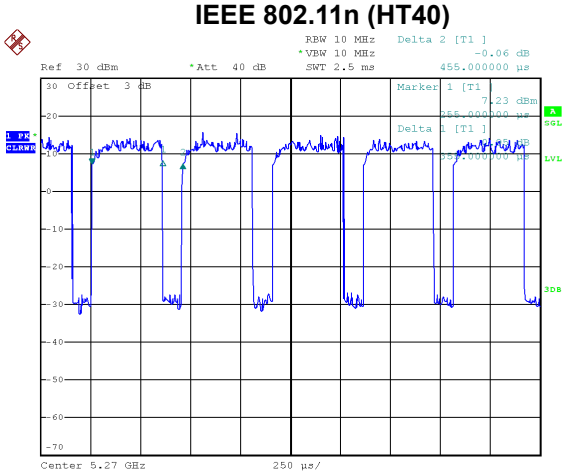
IEEE 802.11n (HT20)



Date: 31.MAR.2020 15:05:23

Duty cycle = 0.680 ms / 0.780 ms = 87.18%
Duty Factor = 10 log(1 / Duty cycle) = 0.60

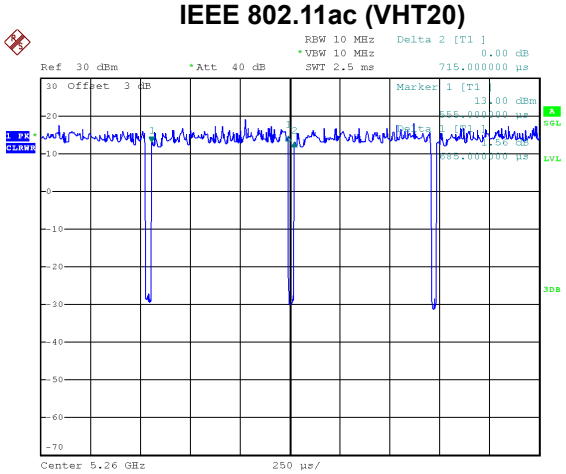
IEEE 802.11n (HT40)



Date: 31.MAR.2020 15:06:32

Duty cycle = 0.355 ms / 0.455 ms = 78.02%
Duty Factor = 10 log(1 / Duty cycle) = 1.08

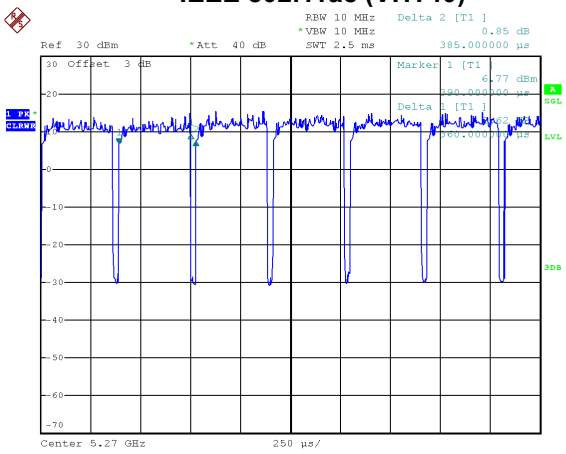
IEEE 802.11ac (VHT20)



Date: 31.MAR.2020 15:05:55

Duty cycle = 0.685 ms / 0.715 ms = 95.80%
Duty Factor = 10 log(1 / Duty cycle) = 0.19

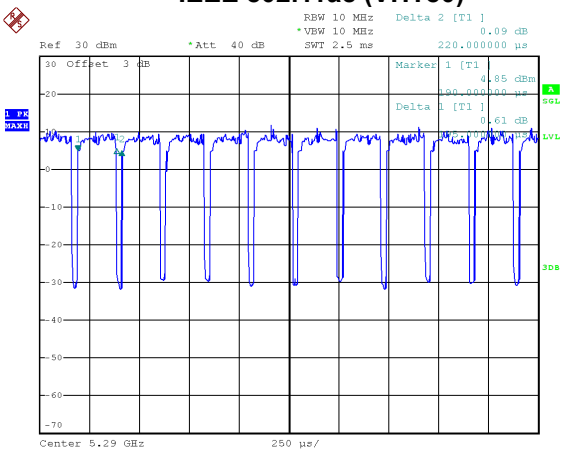
IEEE 802.11ac (VHT40)



Date: 31.MAR.2020 15:07:15

Duty cycle = 0.360 ms / 0.385 ms = 93.51%
Duty Factor = 10 log(1 / Duty cycle) = 0.29

IEEE 802.11ac (VHT80)

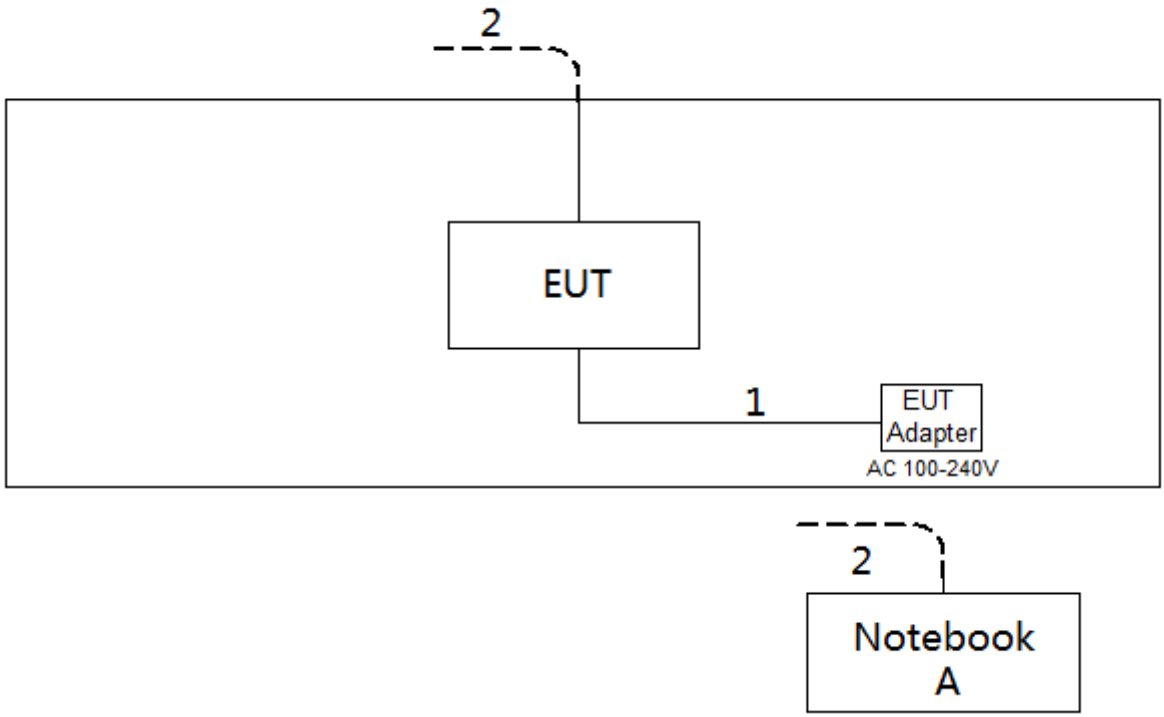


Date: 31.MAR.2020 15:08:34

Duty cycle = 0.195 ms / 0.220 ms = 88.64%
Duty Factor = 10 log(1 / Duty cycle) = 0.52

NOTE:
For IEEE 802.11a, IEEE 802.11n (HT20) and IEEE 802.11ac (VHT20):
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 (HT40) and IEEE 802.11ac (VHT40):
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 (VHT80):
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%).

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	Inspiron 15-7559	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.5m
2	RJ45 Cable	NO	NO	10m

3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:
(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

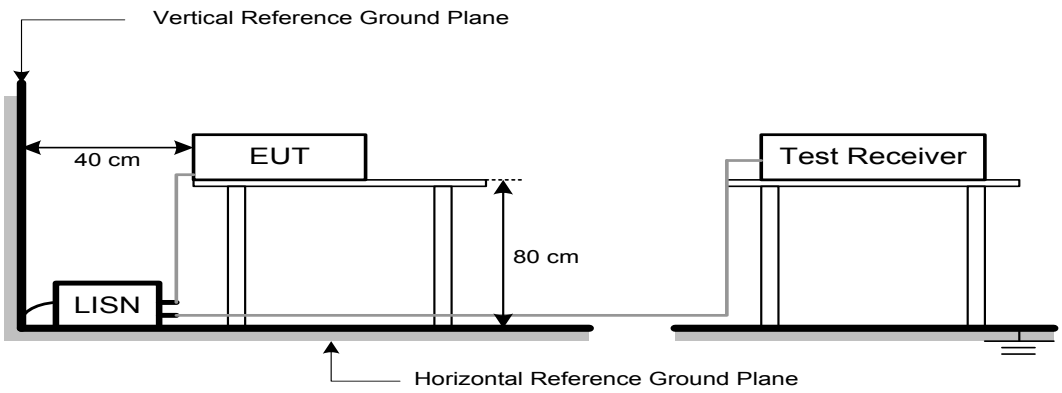
3.2 TEST PROCEDURE

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 equipment 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.

3.3 DEVIATION FROM TEST STANDARD

No deviation

3.4 TEST SETUP



3.5 EUT OPERATION 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.

3.6 TEST RESULTS

Please refer to the APPENDIX A.

4. RADIATED EMISSIONS TEST

4.1 LIMIT

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.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

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)

4.2 TEST PROCEDURE

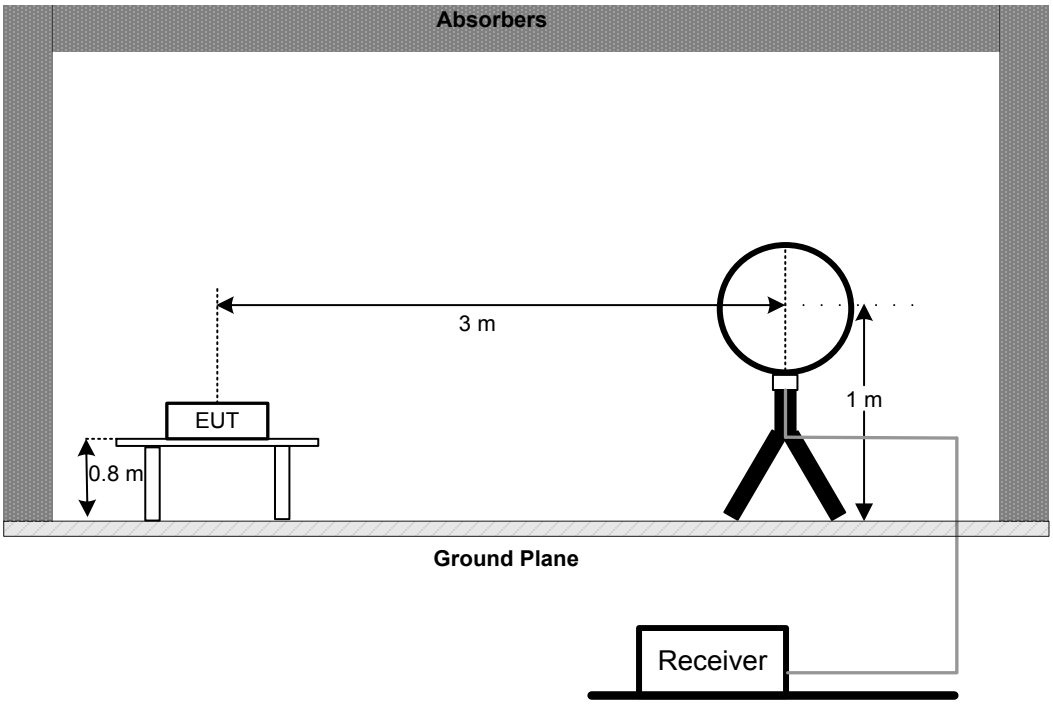
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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 1 GHz.
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 1 GHz)
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 1 GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.3 DEVIATION FROM TEST STANDARD

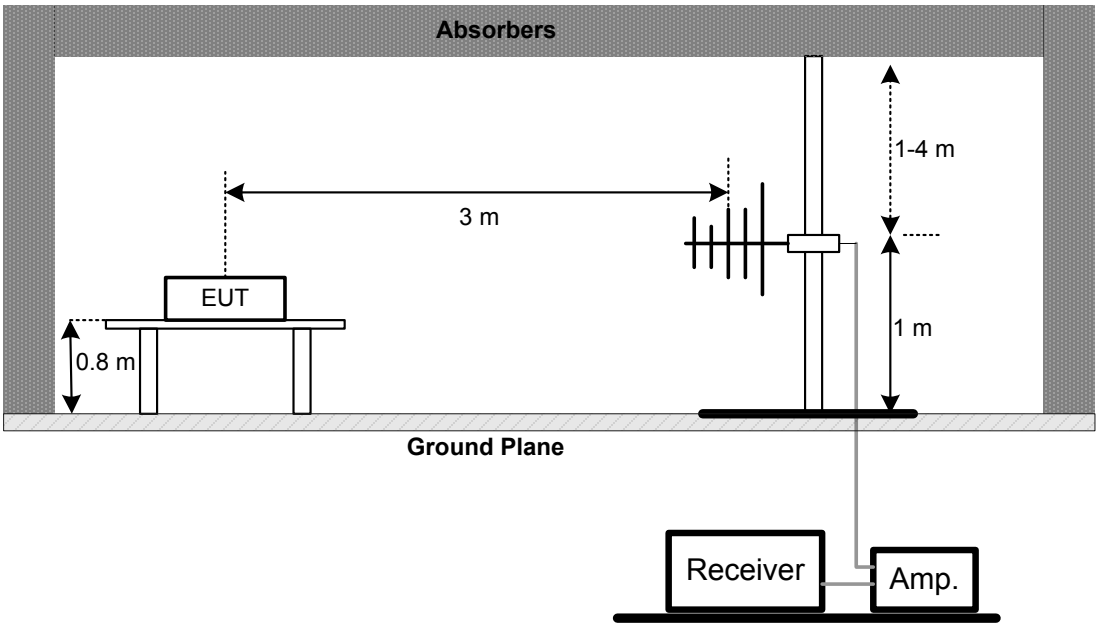
No deviation

4.4 TEST SETUP

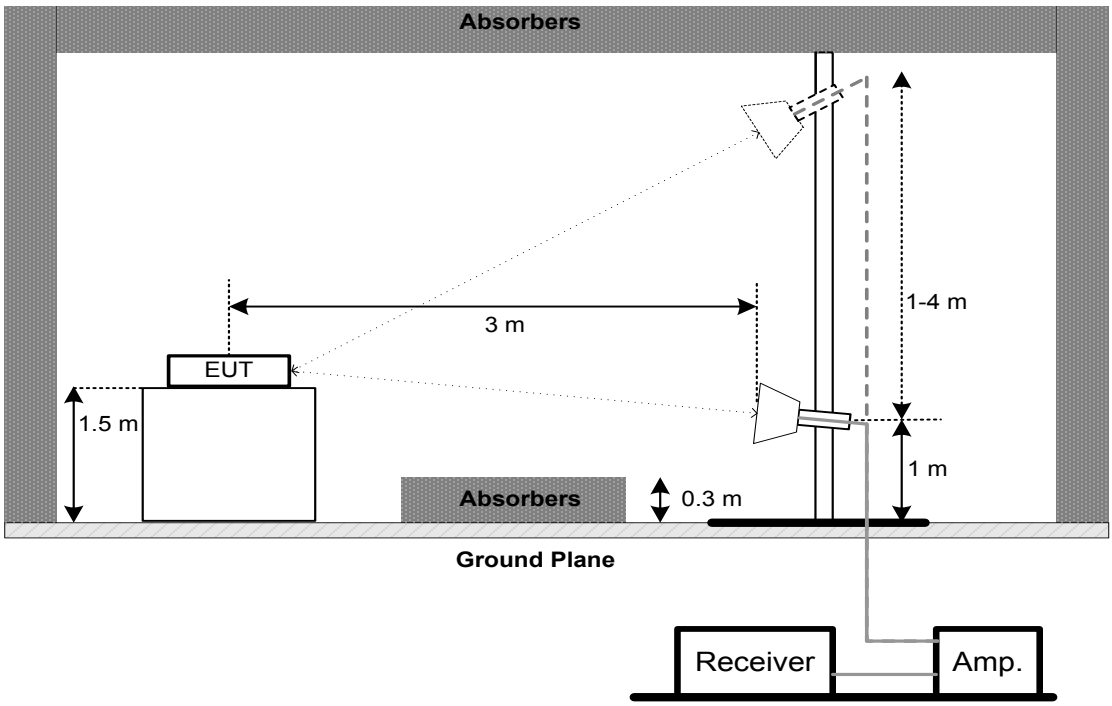
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

4.6 TEST RESULTS - 9 KHZ to 30 MHZ

Please refer to the APPENDIX B

Remark:

(1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
(2) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.7 TEST RESULTS - 30 MHz TO 1000 MHz

Please refer to the APPENDIX C.

4.8 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. BANDWIDTH TEST

5.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	-	5250-5350
15.407(e)	26 dB Bandwidth	-	5470-5725

5.2 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 Setting:

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

c. Measured the spectrum width with power higher than 26 dB / 6 dB below carrier.

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP

5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.

6. MAXIMUM OUTPUT POWER TEST

6.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	250 mW (24 dBm)	5250-5350
		250 mW (24 dBm)	5470-5725

Note:

a. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

6.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. Test test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP

6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7. POWER SPECTRAL DENSITY TEST

7.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725

7.2 TEST PROCEDURE

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

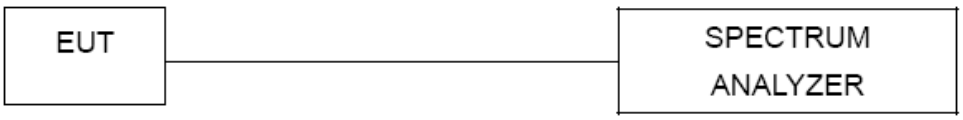
b. Spectrum Setting:

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

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8. FREQUENCY STABILITY MEASUREMENT

8.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(g)	Frequency Stability	An emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.	5250-5350
			5470-5725

8.2 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 Setting:

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

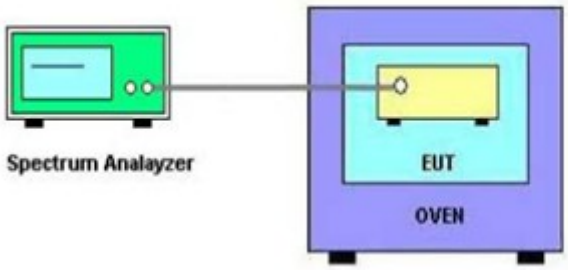
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -5°C~50°C.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Feb. 28, 2021
2	LISN	EMCO	3816/2	52765	Mar. 01, 2021
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 28, 2021
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 01, 2021
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 10, 2021

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	EM	EM-6876-1	230	Apr. 16, 2021
2	Cable	N/A	RG 213/U	N/A	May 31, 2020
3	EMI Test Receiver	R&S	ESCI	100895	Feb. 28, 2021
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 09, 2021
2*	Amplifier	HP	8447D	2944A09673	Aug. 11, 2021
3	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 25, 2020
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75846	Mar. 19, 2021
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 23, 2020
3	Amplifier	Agilent	8449B	3008A02584	Aug. 03, 2020
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 07, 2021
5	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	mitron	RWLP50-4.0A-KJ-S MSM-12M	N/A	Nov. 25, 2020
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 03, 2020

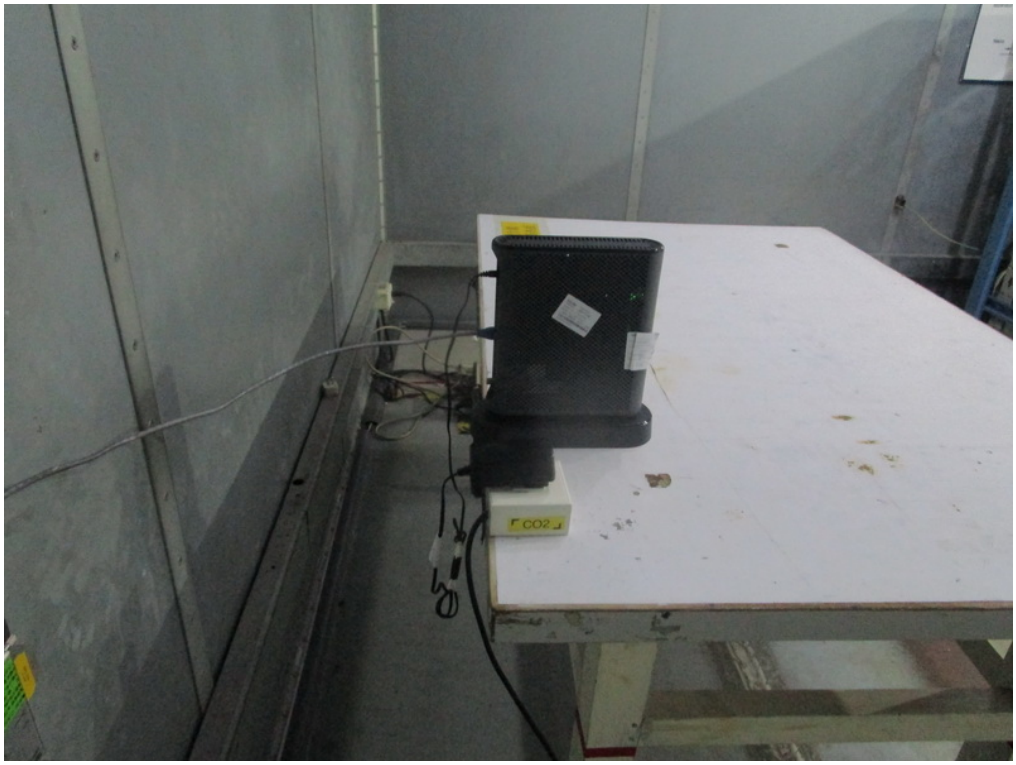
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 03, 2020
2	Wideband power sensor	Keysight	N1923A	MY58310004	Aug. 03, 2020

Frequency Stability					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 03, 2020
2	Precision Oven Tester	CEPREI	CEEC-M64T-40	15-008	Feb. 28, 2021

Remark: “N/A” denotes no model name, serial no. or calibration specified.
“*” calibration period of equipment list is three year.
Except * item, all calibration period of equipment list is one year.

10. EUT TEST PHOTOS

AC Power Line Conducted Emissions Test Photos

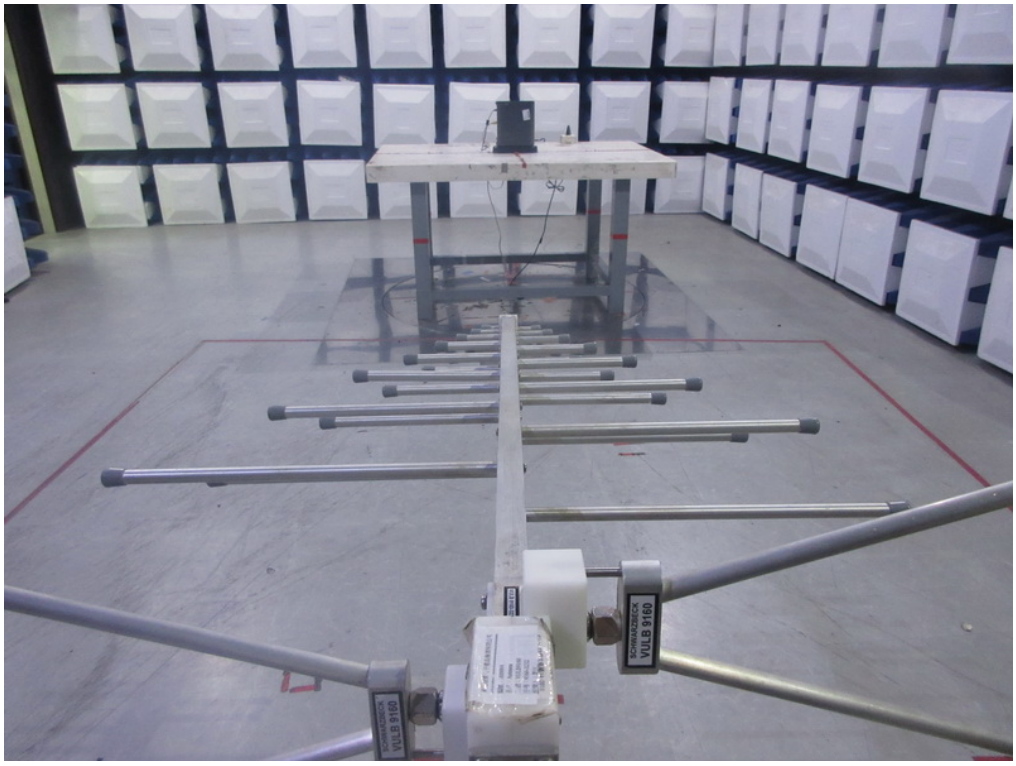


Radiated Emissions Test Photos

9 kHz to 30 MHz

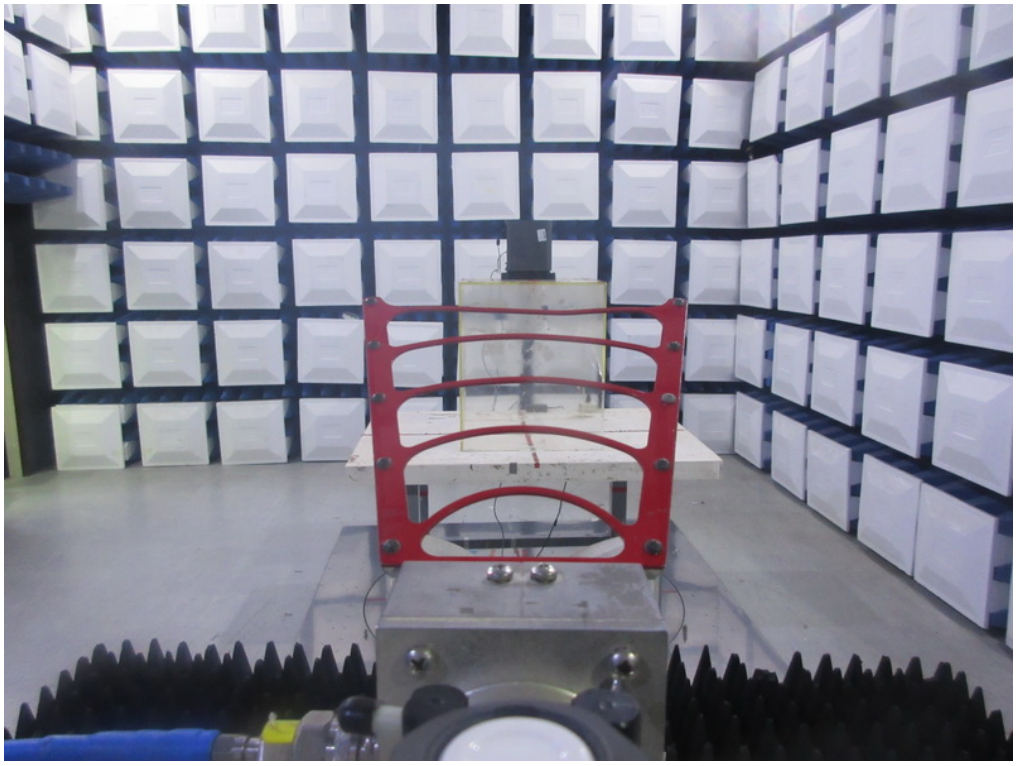
Radiated Emissions Test Photos

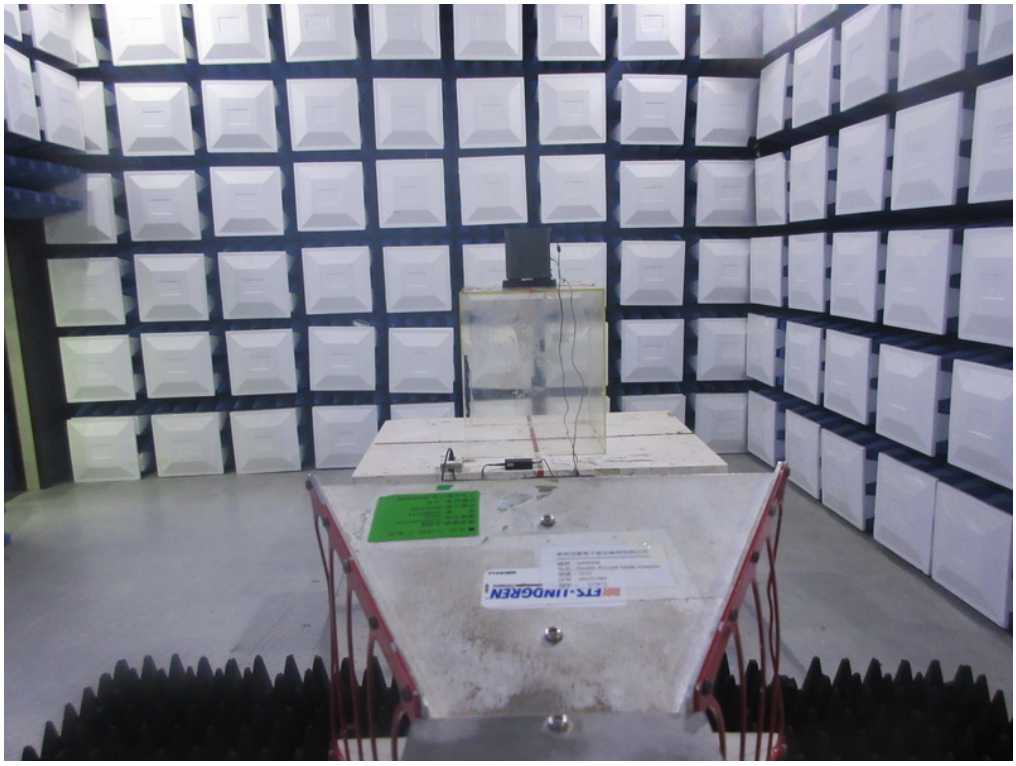
30 MHz to 1 GHz



Radiated Emissions Test Photos

Above 1 GHz

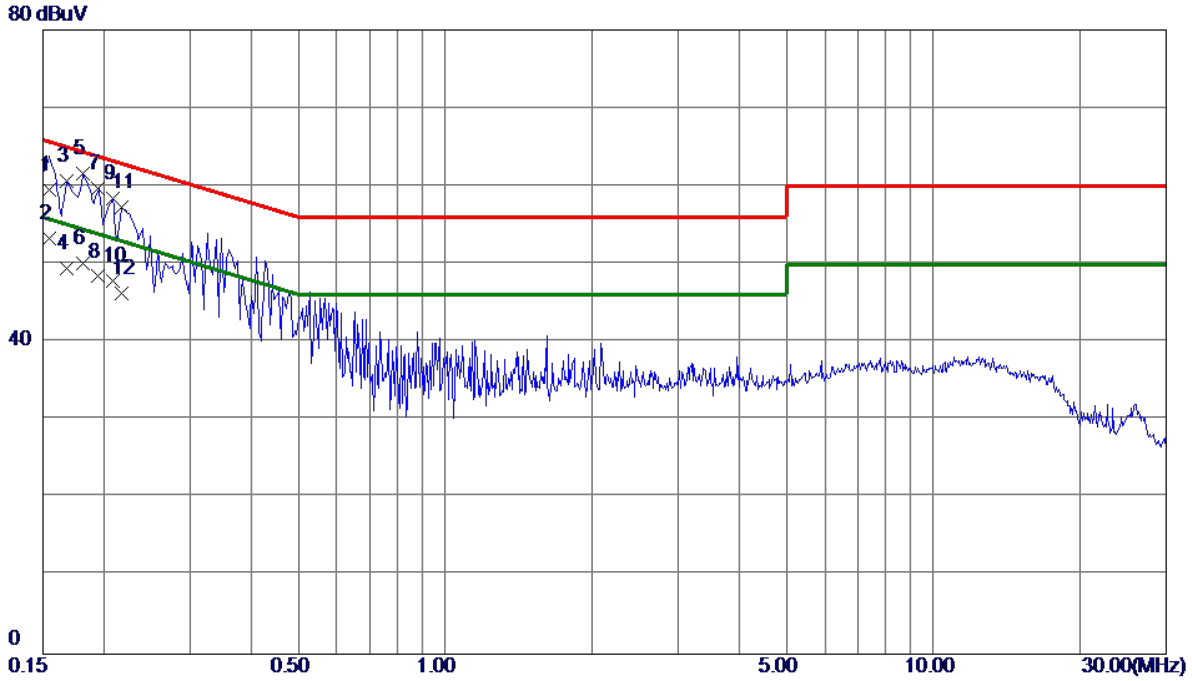




APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode:	TX N40 MODE CHANNEL 54
Test Voltage	AC 120V/60Hz

Line

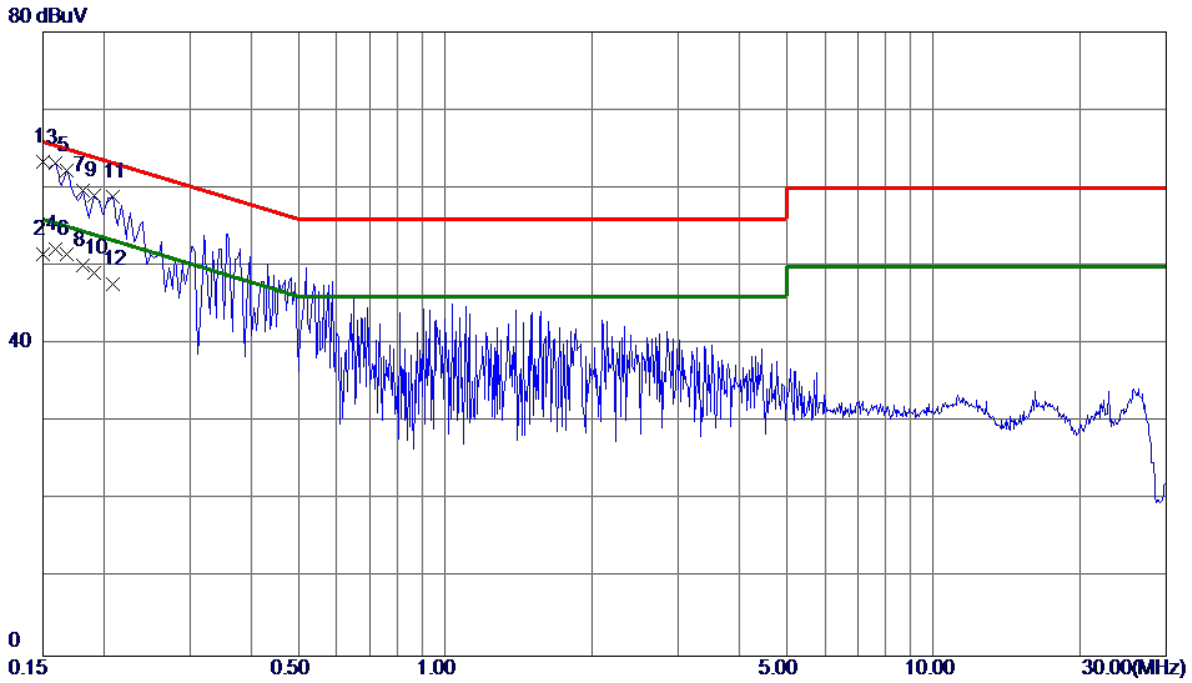


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1544	49.80	9.70	59.50	65.76	-6.26	QP	
2 *	0.1544	43.50	9.70	53.20	55.76	-2.56	AVG	
3	0.1680	50.82	9.80	60.62	65.06	-4.44	Peak	
4	0.1680	39.71	9.80	49.51	55.06	-5.55	AVG	
5	0.1814	51.77	9.85	61.62	64.42	-2.80	Peak	
6	0.1814	40.20	9.85	50.05	54.42	-4.37	AVG	
7	0.1949	49.83	9.89	59.72	63.83	-4.11	Peak	
8	0.1949	38.51	9.89	48.40	53.83	-5.43	AVG	
9	0.2084	48.52	9.90	58.42	63.27	-4.85	Peak	
10	0.2084	37.90	9.90	47.80	53.27	-5.47	AVG	
11	0.2174	47.32	9.90	57.22	62.92	-5.70	Peak	
12	0.2174	36.40	9.90	46.30	52.92	-6.62	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.
(3) The test result has included the cable loss.

Test Mode:	TX N40 MODE CHANNEL 54
Test Voltage	AC 120V/60Hz

Neutral

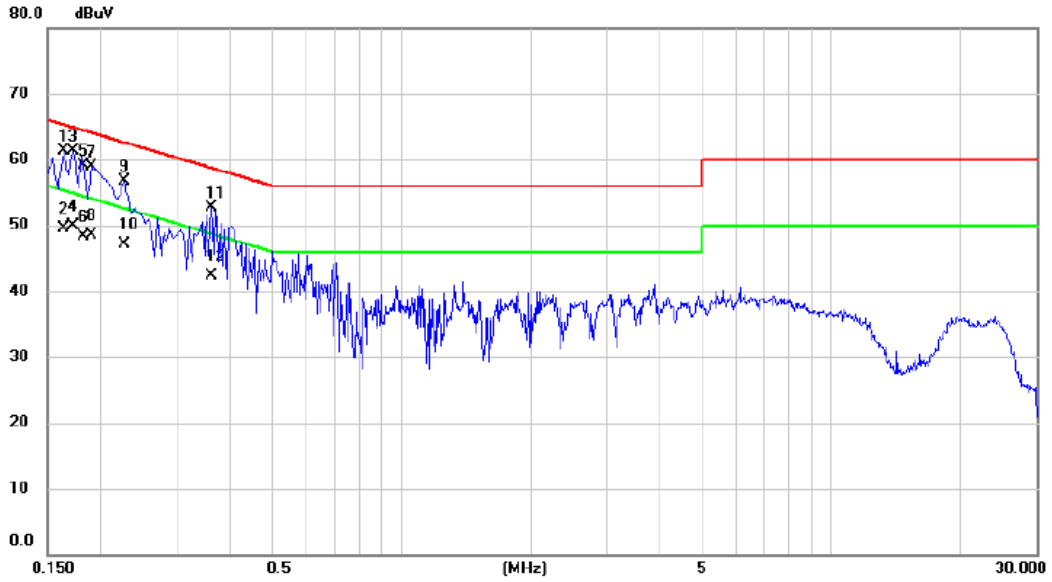


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	53.56	9.74	63.30	66.00	-2.70	Peak	
2	0.1500	41.80	9.74	51.54	56.00	-4.46	AVG	
3 *	0.1590	53.39	9.81	63.20	65.52	-2.32	Peak	
4	0.1590	42.40	9.81	52.21	55.52	-3.31	AVG	
5	0.1680	52.35	9.88	62.23	65.06	-2.83	Peak	
6	0.1680	41.70	9.88	51.58	55.06	-3.48	AVG	
7	0.1815	49.72	9.94	59.66	64.42	-4.76	Peak	
8	0.1815	40.20	9.94	50.14	54.42	-4.28	AVG	
9	0.1905	49.07	9.97	59.04	64.01	-4.97	Peak	
10	0.1905	39.21	9.97	49.18	54.01	-4.83	AVG	
11	0.2085	48.90	10.00	58.90	63.26	-4.36	Peak	
12	0.2085	37.70	10.00	47.70	53.26	-5.56	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.
(3) The test result has included the cable loss.

Test Mode:	TX N40 MODE CHANNEL 54
Test Voltage	AC 240V/60Hz

Line

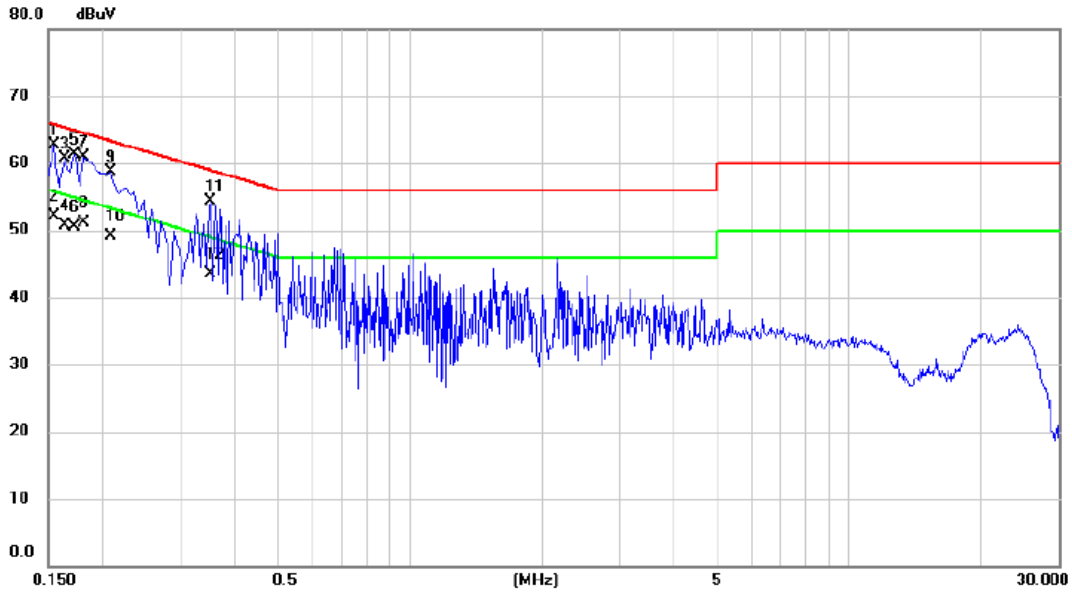


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1635	51.54	9.77	61.31	65.28	-3.97	peak	
2		0.1635	39.70	9.77	49.47	55.28	-5.81	AVG	
3	*	0.1725	51.41	9.83	61.24	64.84	-3.60	peak	
4		0.1725	40.10	9.83	49.93	54.84	-4.91	AVG	
5		0.1825	49.23	9.85	59.08	64.37	-5.29	peak	
6		0.1825	38.50	9.85	48.35	54.37	-6.02	AVG	
7		0.1905	49.00	9.88	58.88	64.01	-5.13	peak	
8		0.1905	38.70	9.88	48.58	54.01	-5.43	AVG	
9		0.2265	46.85	9.89	56.74	62.58	-5.84	peak	
10		0.2265	37.20	9.89	47.09	52.58	-5.49	AVG	
11		0.3615	42.74	9.91	52.65	58.69	-6.04	peak	
12		0.3615	32.40	9.91	42.31	48.69	-6.38	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.
(3) The test result has included the cable loss.

Test Mode:	TX N40 MODE CHANNEL 54
Test Voltage	AC 240V/60Hz

Neutral



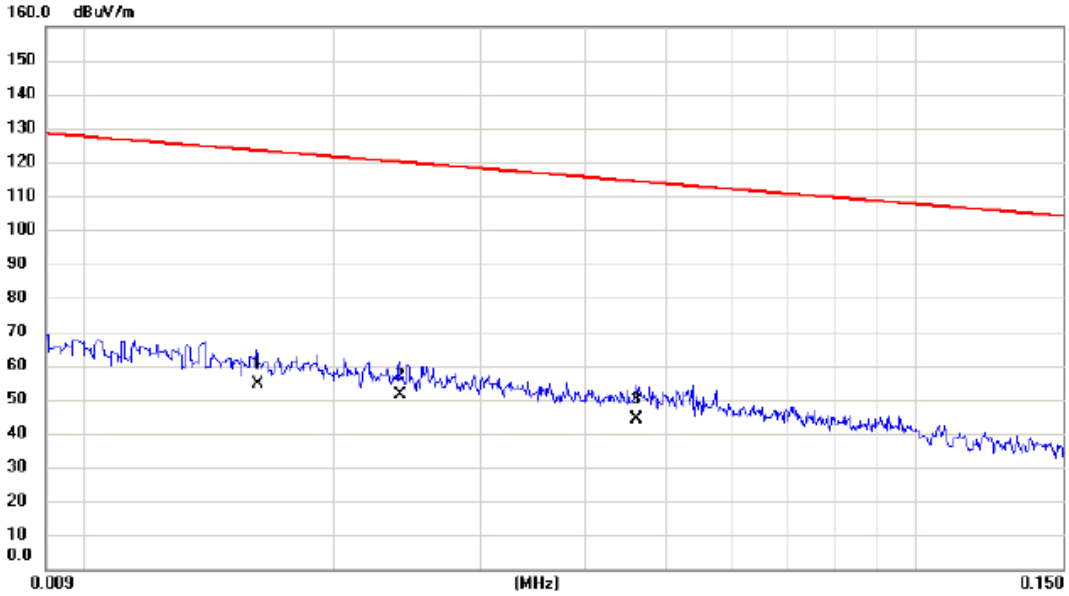
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1545	52.99	9.77	62.76	65.75	-2.99	peak	
2		0.1545	42.30	9.77	52.07	55.75	-3.68	AVG	
3		0.1635	50.79	9.85	60.64	65.28	-4.64	peak	
4		0.1635	40.90	9.85	50.75	55.28	-4.53	AVG	
5		0.1725	51.37	9.91	61.28	64.84	-3.56	peak	
6		0.1725	40.60	9.91	50.51	54.84	-4.33	AVG	
7		0.1815	50.92	9.94	60.86	64.42	-3.56	peak	
8		0.1815	41.10	9.94	51.04	54.42	-3.38	AVG	
9		0.2085	48.71	10.00	58.71	63.26	-4.55	peak	
10		0.2085	39.20	10.00	49.20	53.26	-4.06	AVG	
11		0.3525	44.17	10.05	54.22	58.90	-4.68	peak	
12		0.3525	33.40	10.05	43.45	48.90	-5.45	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.
(3) The test result has included the cable loss.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode:	TX N40 MODE CHANNEL 54

Ant 0°

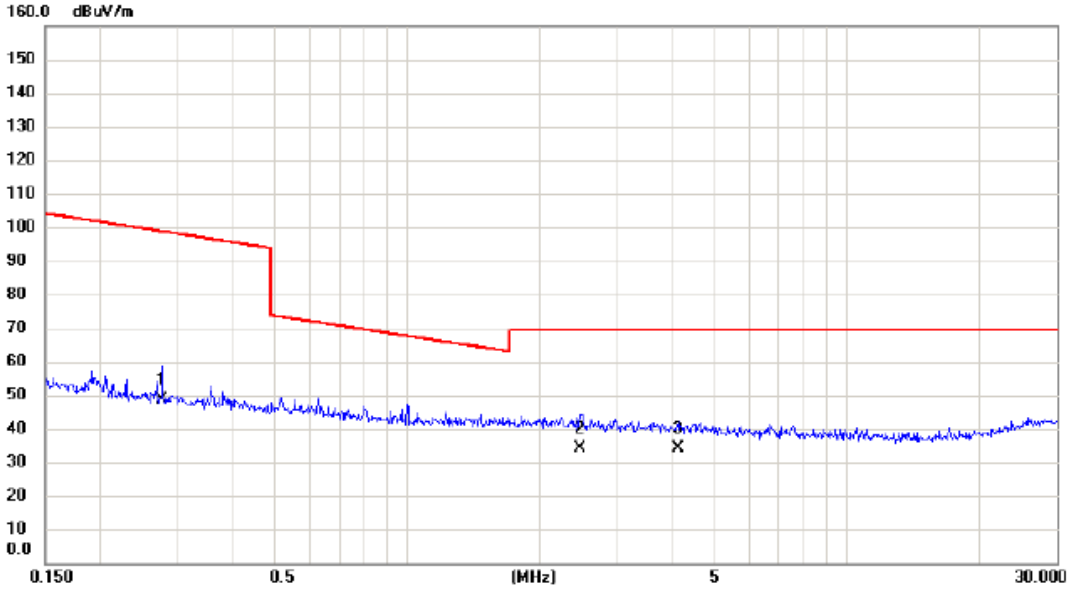


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0162	34.48	20.11	54.59	123.41	-68.82	AVG	
2	*	0.0240	32.07	19.50	51.57	120.00	-68.43	AVG	
3		0.0461	25.44	18.84	44.28	114.33	-70.05	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N40 MODE CHANNEL 54

Ant 0°

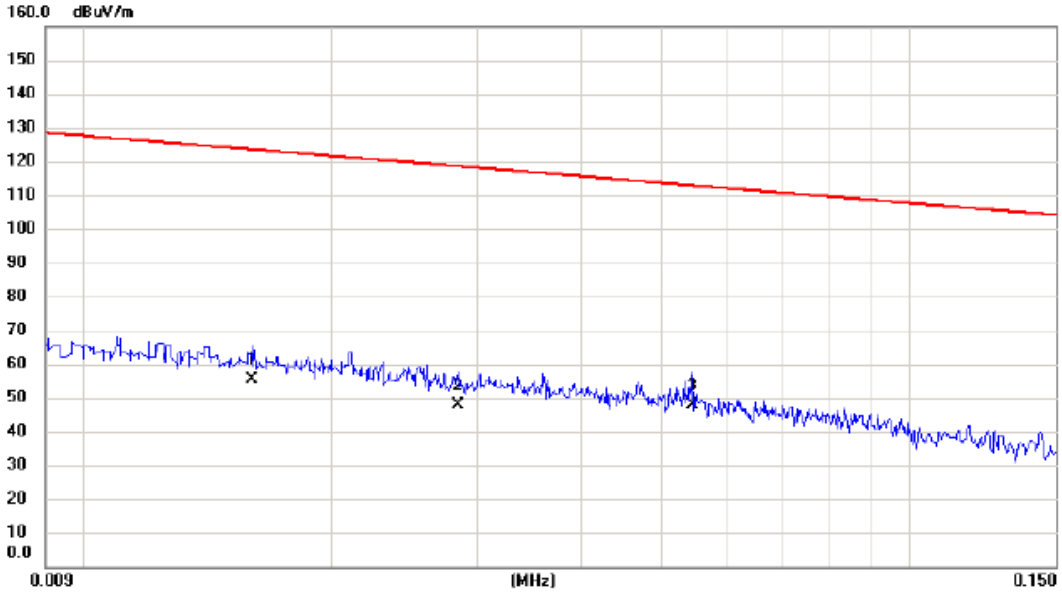


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2760	31.91	16.64	48.55	98.79	-50.24	AVG	
2	*	2.4736	18.78	15.38	34.16	69.54	-35.38	QP	
3		4.1356	19.28	14.87	34.15	69.54	-35.39	QP	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N40 MODE CHANNEL 54

Ant 90°

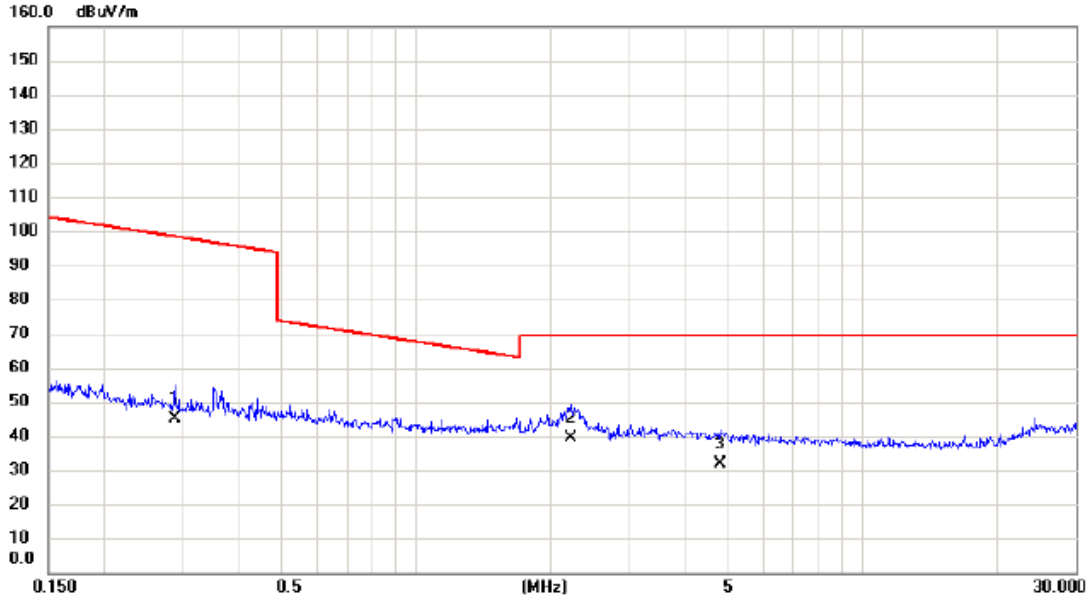


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0160	35.23	20.14	55.37	123.52	-68.15	AVG	
2		0.0284	28.27	19.37	47.64	118.54	-70.90	AVG	
3	*	0.0546	28.98	18.64	47.62	112.86	-65.24	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N40 MODE CHANNEL 54

Ant 90°



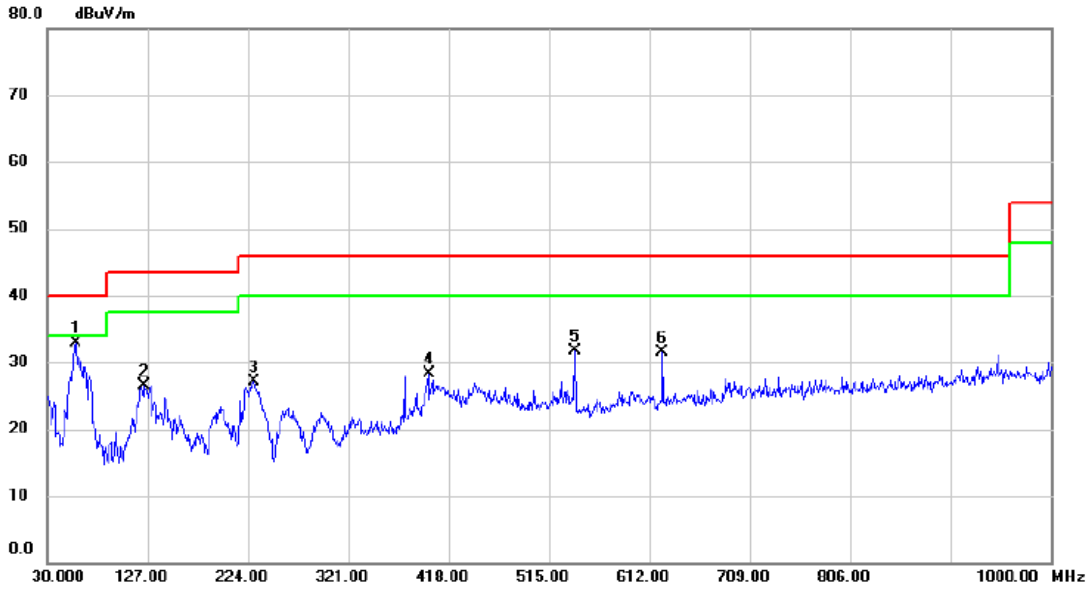
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2878	28.48	16.63	45.11	98.42	-53.31	AVG	
2	*	2.2250	23.91	15.44	39.35	69.54	-30.19	QP	
3		4.7970	17.19	14.49	31.68	69.54	-37.86	QP	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1 GHZ

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Vertical

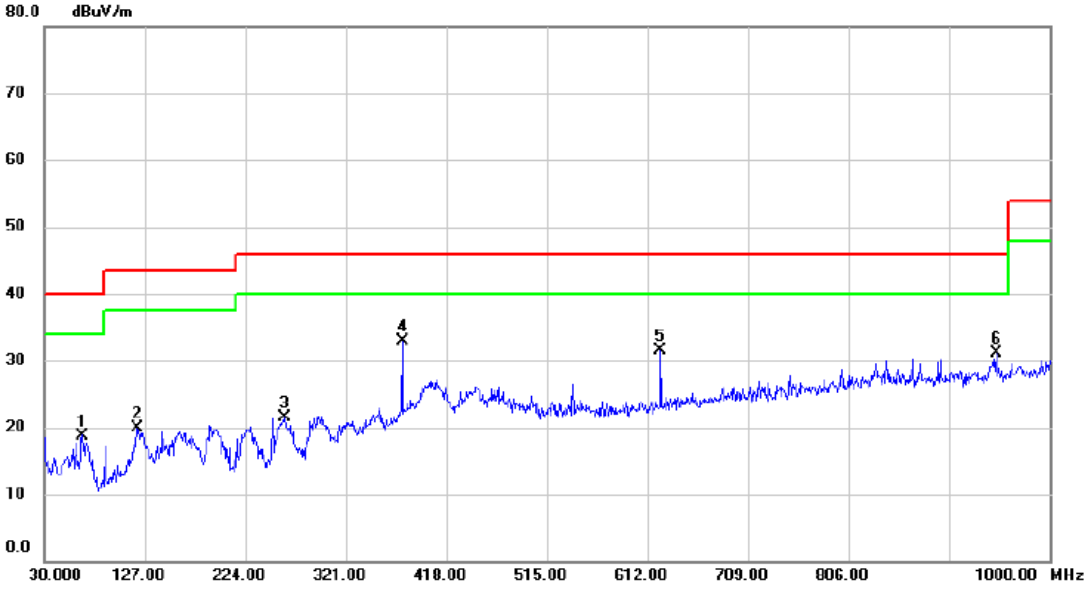


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	57.160	47.15	-14.31	32.84	40.00	-7.16	peak	
2		124.090	39.57	-13.13	26.44	43.50	-17.06	peak	
3		229.820	41.58	-14.42	27.16	46.00	-18.84	peak	
4		398.600	38.05	-9.75	28.30	46.00	-17.70	peak	
5		540.220	39.37	-7.70	31.67	46.00	-14.33	peak	
6		624.610	37.12	-5.66	31.46	46.00	-14.54	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Horizontal

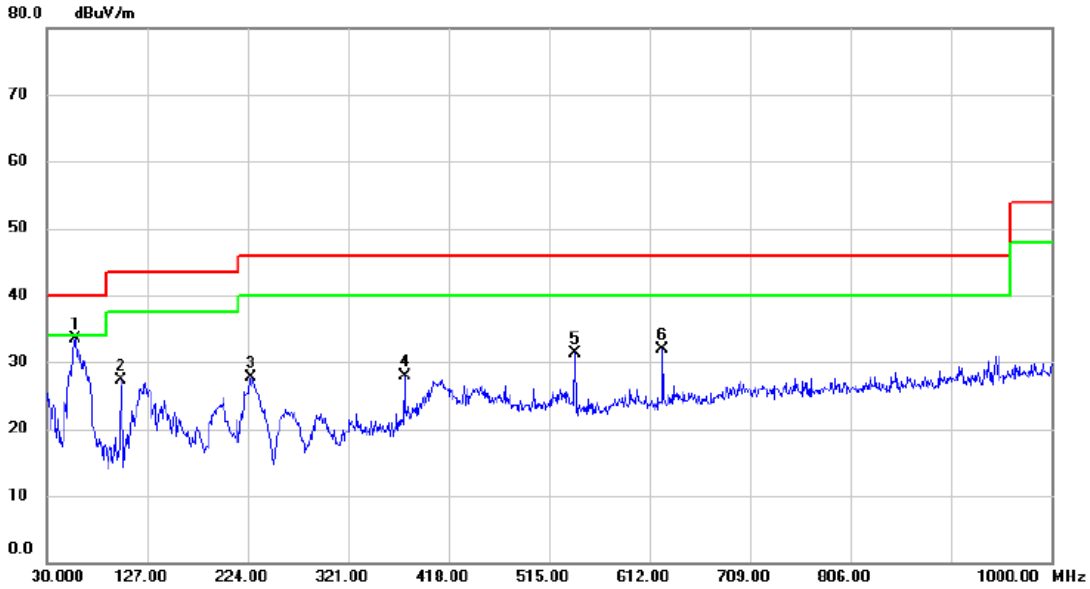


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		66.860	34.30	-15.50	18.80	40.00	-21.20	peak	
2		120.210	33.06	-13.12	19.94	43.50	-23.56	peak	
3		261.830	34.44	-12.89	21.55	46.00	-24.45	peak	
4	*	375.320	43.20	-10.28	32.92	46.00	-13.08	peak	
5		624.610	37.25	-5.66	31.59	46.00	-14.41	peak	
6		948.590	31.99	-0.93	31.06	46.00	-14.94	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Vertical

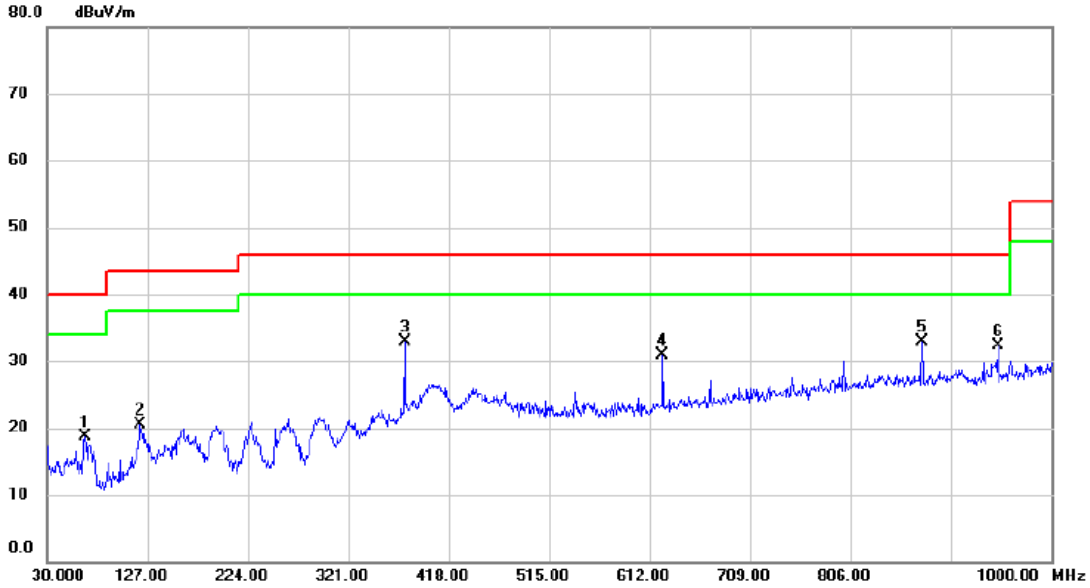


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	57.160	47.79	-14.31	33.48	40.00	-6.52	peak	
2		101.780	42.46	-15.14	27.32	43.50	-16.18	peak	
3		226.910	42.21	-14.53	27.68	46.00	-18.32	peak	
4		375.320	38.21	-10.28	27.93	46.00	-18.07	peak	
5		540.220	39.02	-7.70	31.32	46.00	-14.68	peak	
6		624.610	37.58	-5.66	31.92	46.00	-14.08	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Horizontal

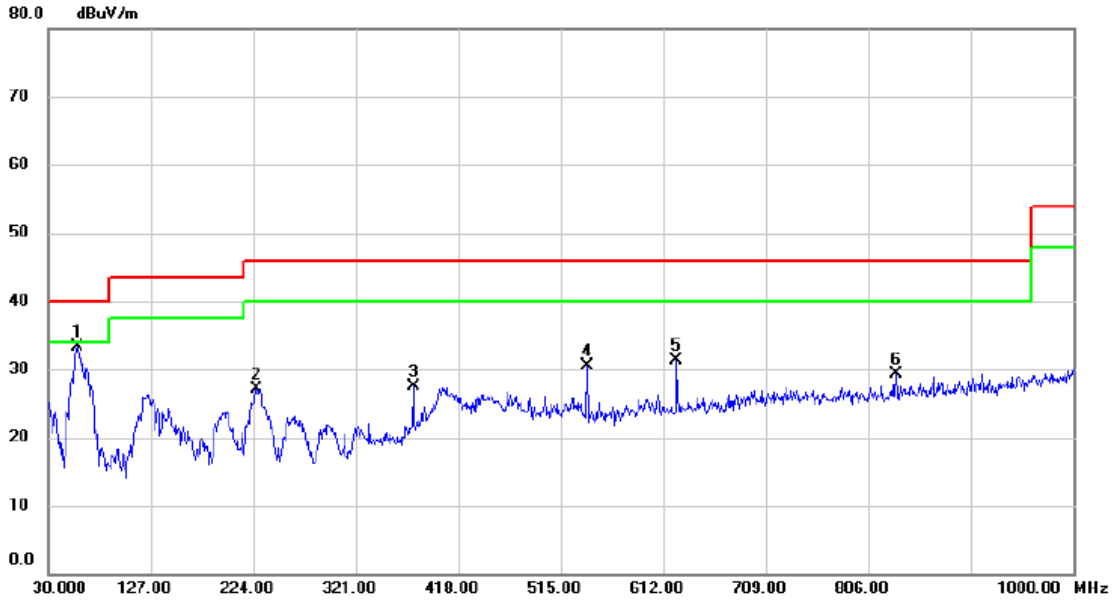


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		66.860	34.29	-15.50	18.79	40.00	-21.21	peak	
2		120.210	33.66	-13.12	20.54	43.50	-22.96	peak	
3	*	375.320	43.16	-10.28	32.88	46.00	-13.12	peak	
4		624.610	36.48	-5.66	30.82	46.00	-15.18	peak	
5		874.870	35.23	-2.42	32.81	46.00	-13.19	peak	
6		948.590	33.16	-0.93	32.23	46.00	-13.77	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Vertical

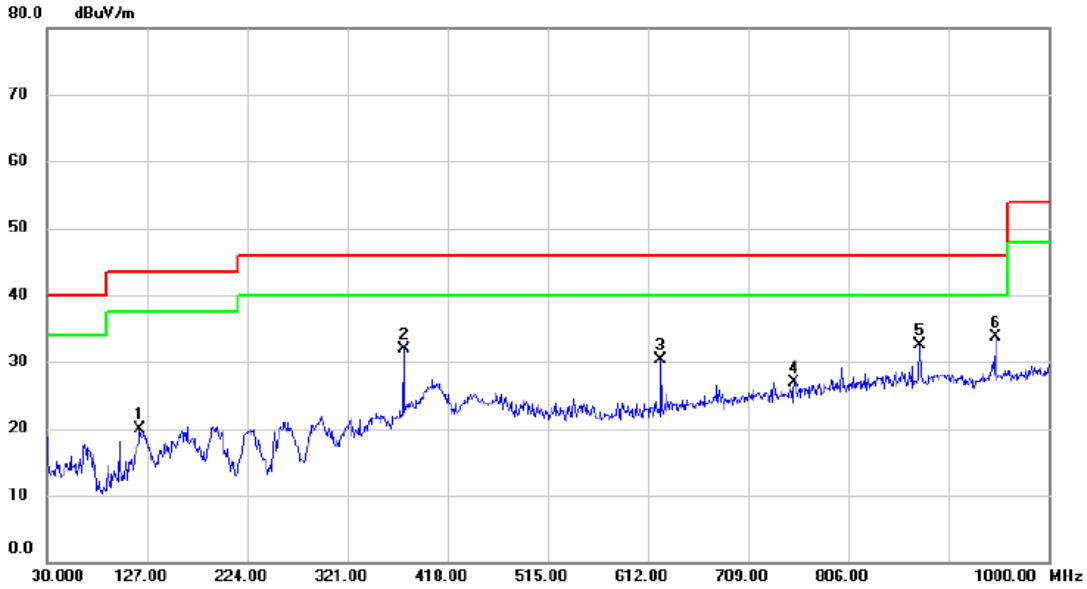


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	57.160	47.59	-14.31	33.28	40.00	-6.72	peak	
2		226.910	41.57	-14.53	27.04	46.00	-18.96	peak	
3		375.320	37.84	-10.28	27.56	46.00	-18.44	peak	
4		540.220	38.30	-7.70	30.60	46.00	-15.40	peak	
5		624.610	36.88	-5.66	31.22	46.00	-14.78	peak	
6		832.190	32.20	-2.97	29.23	46.00	-16.77	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Horizontal

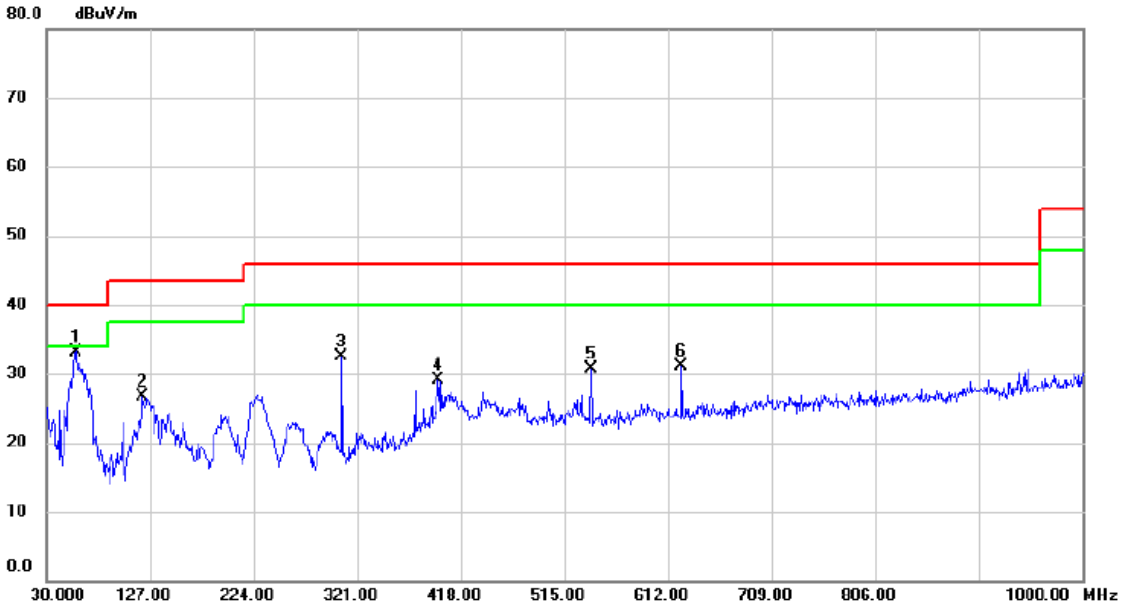


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		120.210	33.04	-13.12	19.92	43.50	-23.58	peak	
2		375.320	42.14	-10.28	31.86	46.00	-14.14	peak	
3		624.610	36.04	-5.66	30.38	46.00	-15.62	peak	
4		753.620	30.94	-4.05	26.89	46.00	-19.11	peak	
5		874.870	34.84	-2.42	32.42	46.00	-13.58	peak	
6	*	948.590	34.57	-0.93	33.64	46.00	-12.36	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Vertical

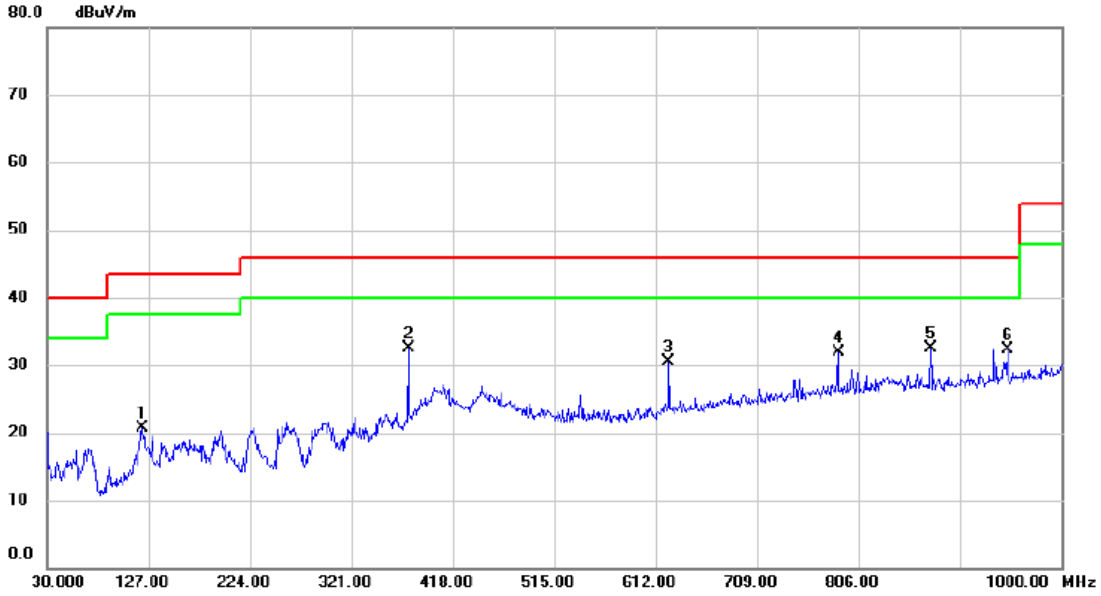


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	57.160	47.51	-14.31	33.20	40.00	-6.80	peak	
2		120.210	39.87	-13.12	26.75	43.50	-16.75	peak	
3		306.450	43.95	-11.54	32.41	46.00	-13.59	peak	
4		396.660	38.89	-9.79	29.10	46.00	-16.90	peak	
5		540.220	38.45	-7.70	30.75	46.00	-15.25	peak	
6		624.610	36.83	-5.66	31.17	46.00	-14.83	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Horizontal

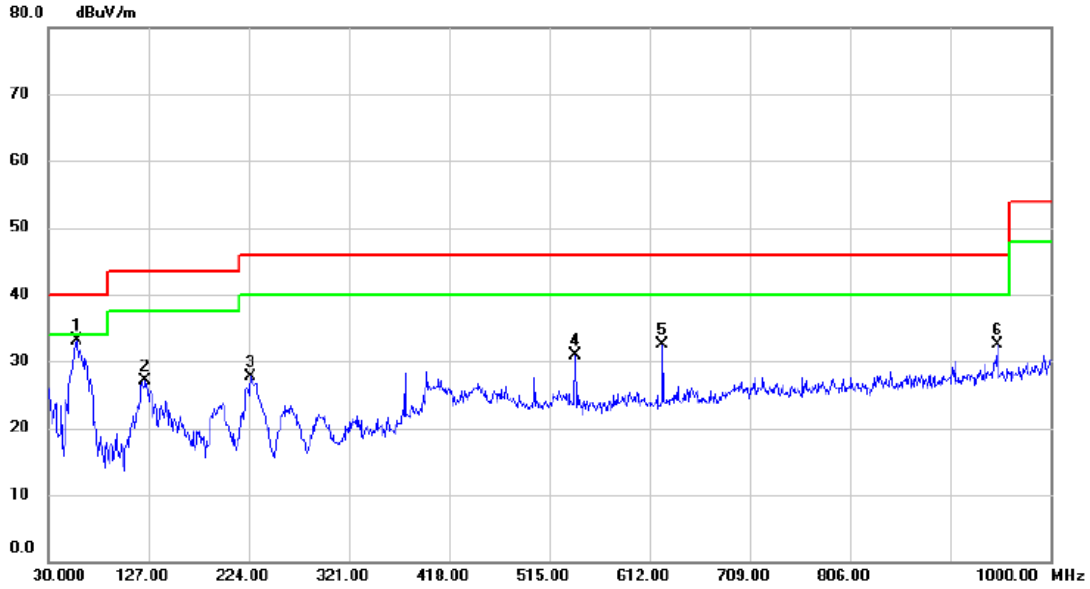


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		121.180	33.90	-13.13	20.77	43.50	-22.73	peak	
2	*	375.320	42.81	-10.28	32.53	46.00	-13.47	peak	
3		624.610	36.18	-5.66	30.52	46.00	-15.48	peak	
4		786.600	35.56	-3.63	31.93	46.00	-14.07	peak	
5		874.870	34.83	-2.42	32.41	46.00	-13.59	peak	
6		948.590	33.32	-0.93	32.39	46.00	-13.61	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Vertical

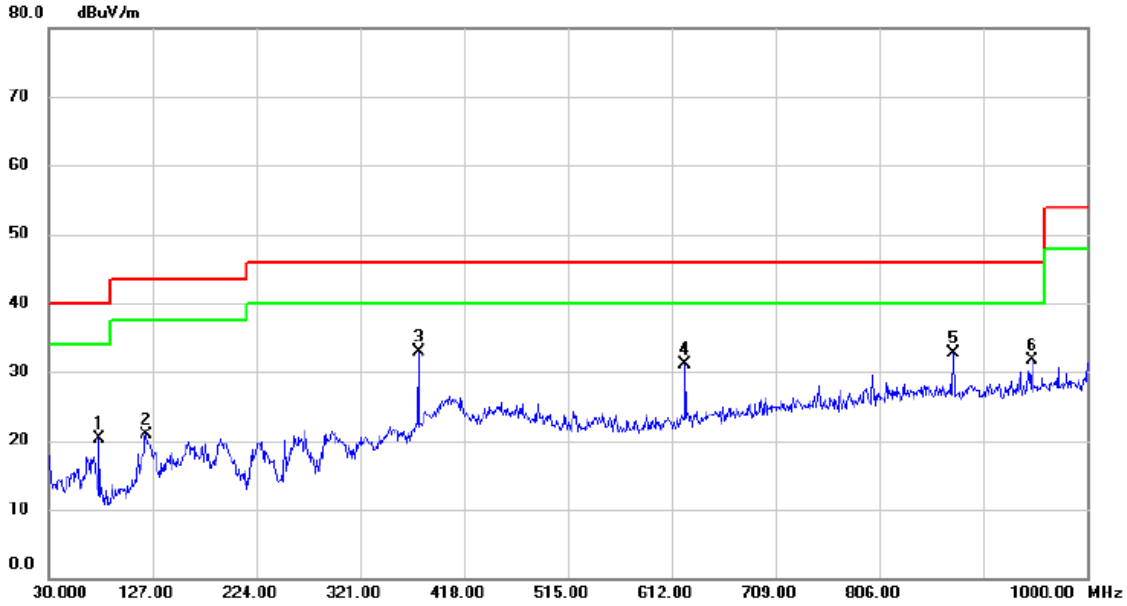


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	57.160	47.34	-14.31	33.03	40.00	-6.97	peak	
2		124.090	40.27	-13.13	27.14	43.50	-16.36	peak	
3		225.940	42.22	-14.57	27.65	46.00	-18.35	peak	
4		540.220	38.56	-7.70	30.86	46.00	-15.14	peak	
5		624.610	38.12	-5.66	32.46	46.00	-13.54	peak	
6		948.590	33.40	-0.93	32.47	46.00	-13.53	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Horizontal

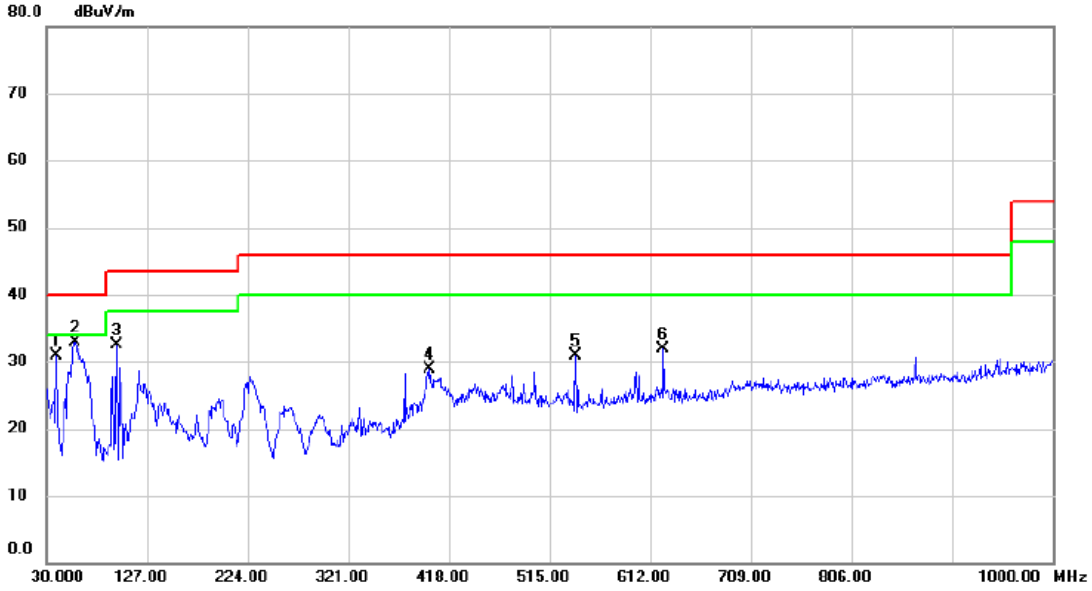


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		77.530	37.94	-17.58	20.36	40.00	-19.64	peak	
2		121.180	34.00	-13.13	20.87	43.50	-22.63	peak	
3	*	375.320	43.25	-10.28	32.97	46.00	-13.03	peak	
4		624.610	36.80	-5.66	31.14	46.00	-14.86	peak	
5		874.870	35.22	-2.42	32.80	46.00	-13.20	peak	
6		948.590	32.58	-0.93	31.65	46.00	-14.35	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Vertical

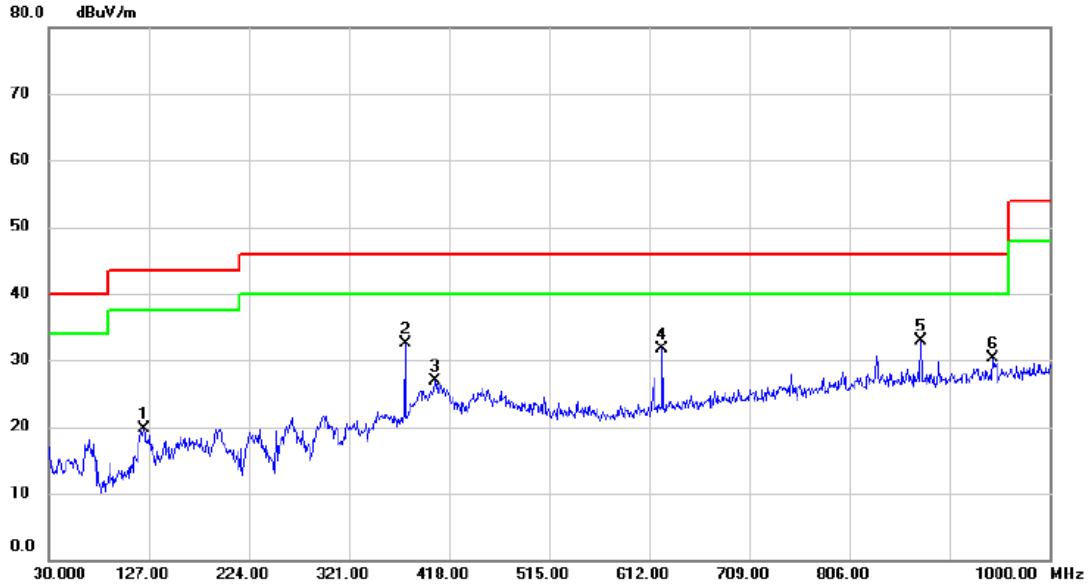


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		39.700	44.55	-13.71	30.84	40.00	-9.16	peak	
2	*	58.130	47.56	-14.56	33.00	40.00	-7.00	peak	
3		97.900	47.96	-15.41	32.55	43.50	-10.95	peak	
4		399.570	38.65	-9.72	28.93	46.00	-17.07	peak	
5		540.220	38.68	-7.70	30.98	46.00	-15.02	peak	
6		624.610	37.48	-5.66	31.82	46.00	-14.18	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Horizontal



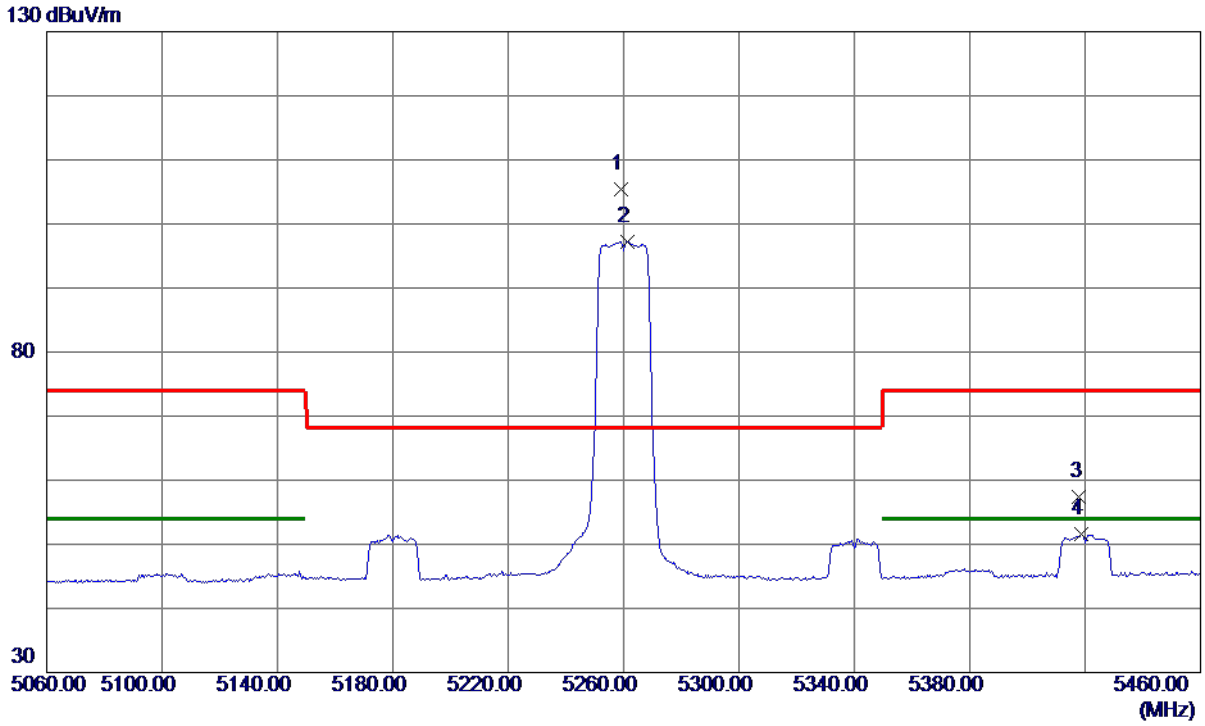
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		122.150	32.88	-13.12	19.76	43.50	-23.74	peak	
2		375.320	42.72	-10.28	32.44	46.00	-13.56	peak	
3		404.420	36.44	-9.60	26.84	46.00	-19.16	peak	
4		624.610	37.38	-5.66	31.72	46.00	-14.28	peak	
5	*	874.870	35.38	-2.42	32.96	46.00	-13.04	peak	
6		944.710	31.42	-1.03	30.39	46.00	-15.61	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Vertical

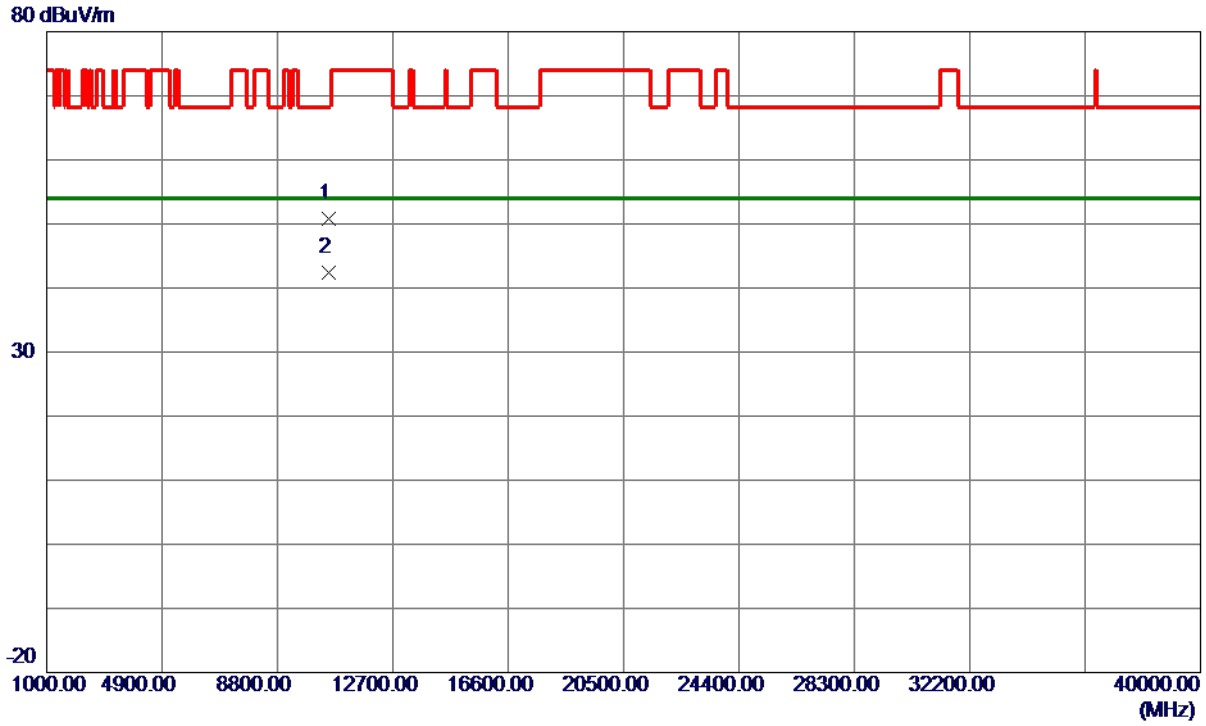


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5259.2000	90.62	14.79	105.41	68.30	37.11	Peak	No Limit
2	5261.2000	82.39	14.79	97.18	999.00	-901.82	AVG	No Limit
3	5418.0000	42.22	15.19	57.41	74.00	-16.59	Peak	
4	5418.8000	36.33	15.19	51.52	54.00	-2.48	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Vertical

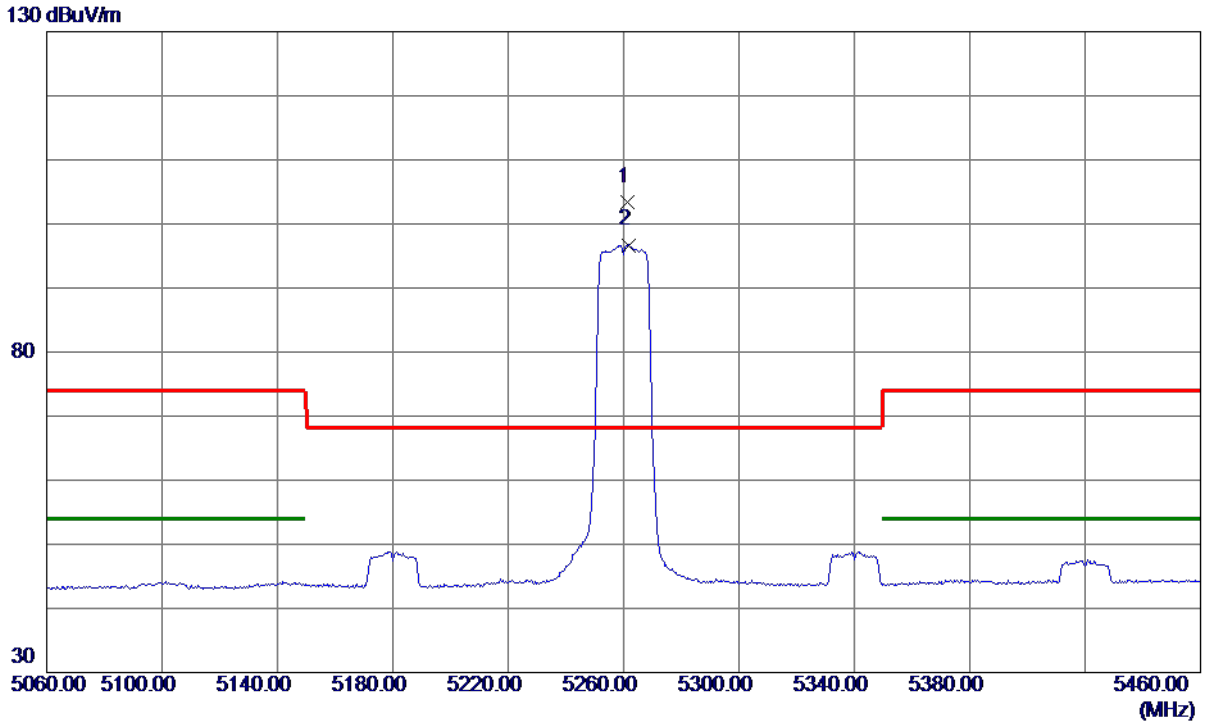


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10518.2500	39.13	11.72	50.85	68.30	-17.45	Peak	
2 *	10518.6320	30.63	11.72	42.35	54.00	-11.65	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Horizontal

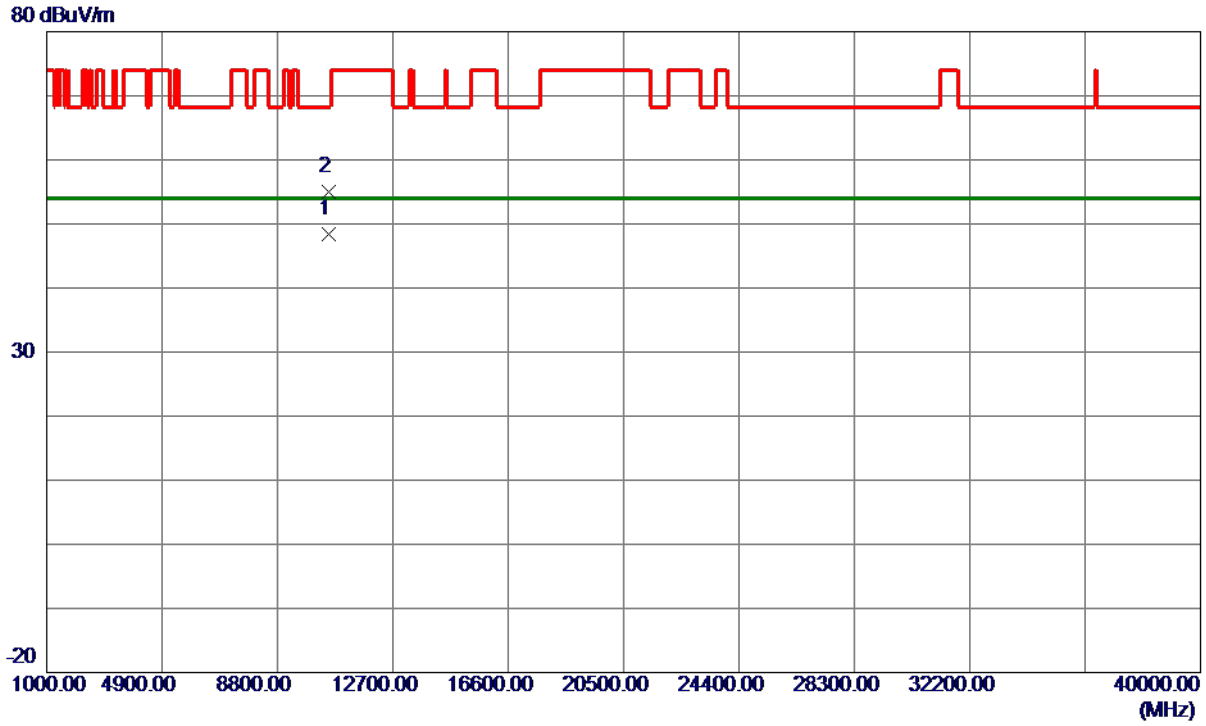


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5261.2000	88.66	14.79	103.45	68.30	35.15	Peak	No Limit
2	5261.6000	81.91	14.79	96.70	999.00	-902.30	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5260 MHz

Horizontal

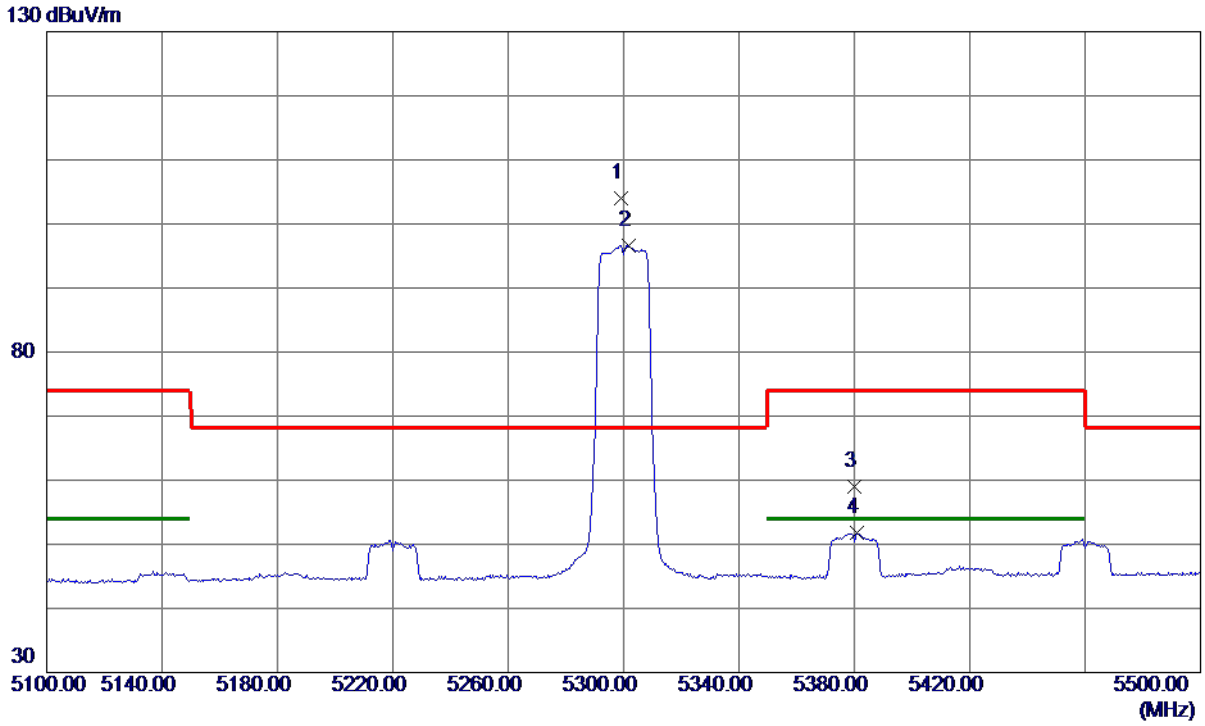


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.2110	36.63	11.72	48.35	54.00	-5.65	AVG	
2	10520.2900	43.30	11.72	55.02	68.30	-13.28	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Vertical

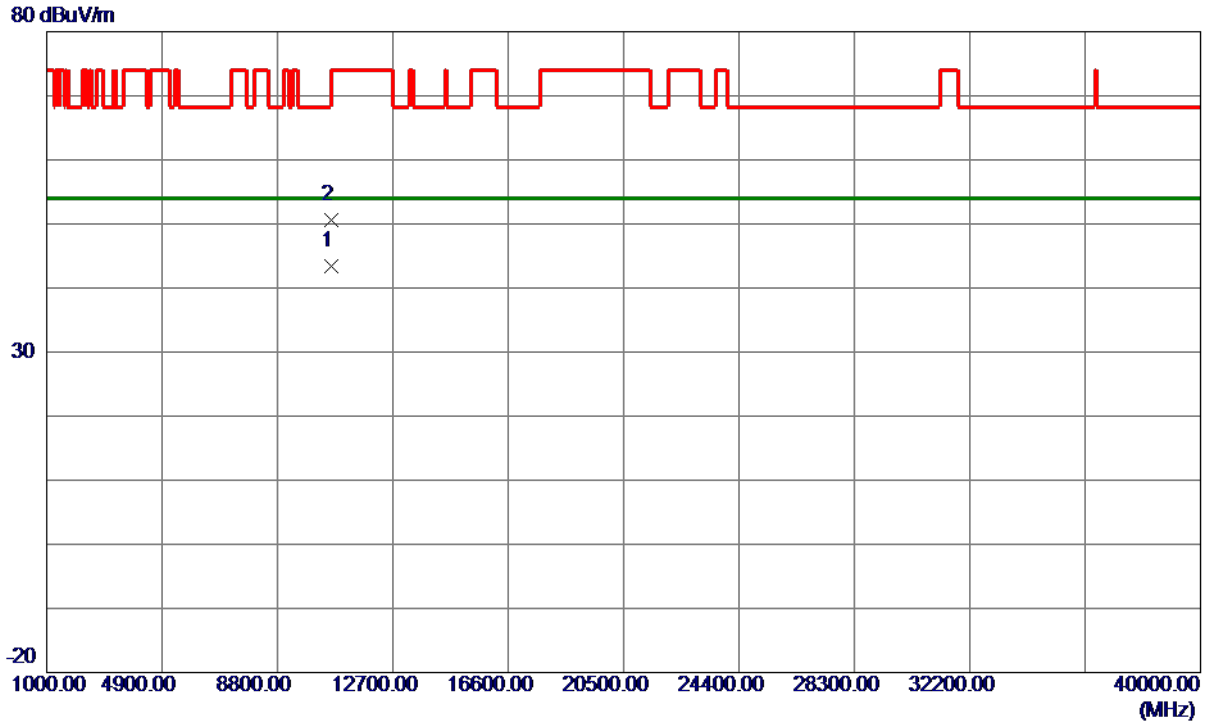


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5299.2000	89.11	14.89	104.00	68.30	35.70	Peak	No Limit
2	5301.6000	81.74	14.89	96.63	999.00	-902.37	AVG	No Limit
3	5380.0000	43.89	15.09	58.98	74.00	-15.02	Peak	
4	5380.8000	36.68	15.09	51.77	54.00	-2.23	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Vertical

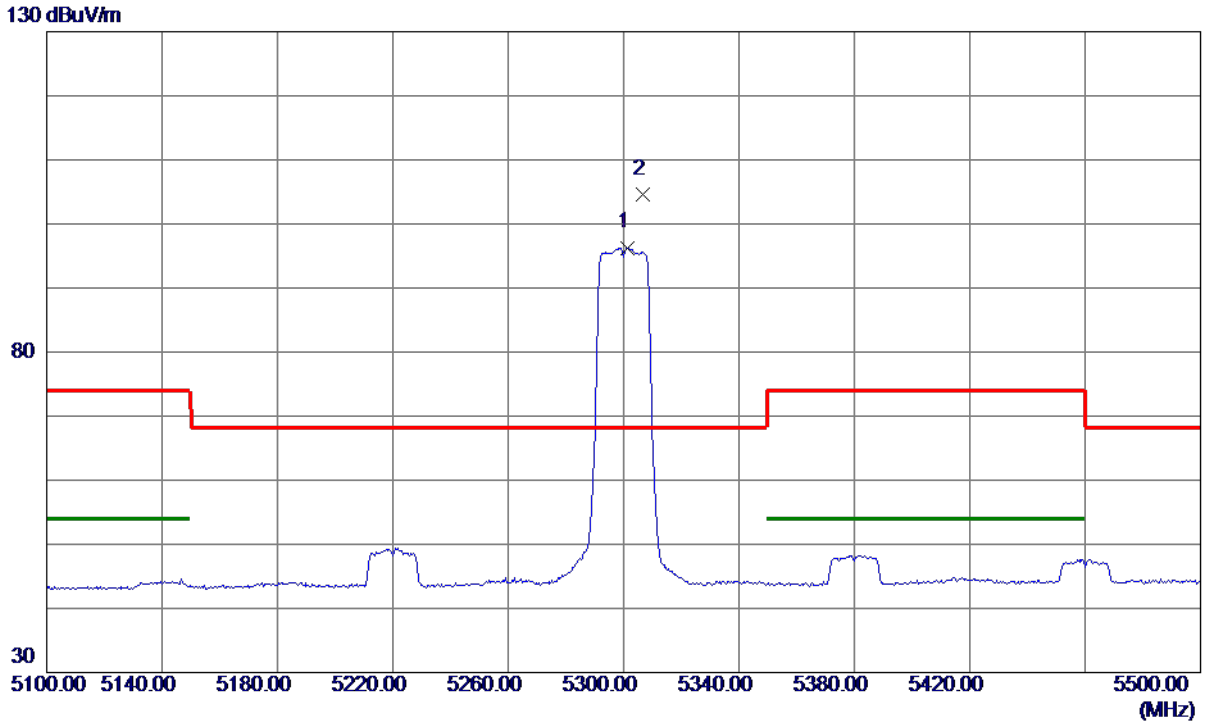


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.6470	31.59	11.76	43.35	54.00	-10.65	AVG	
2	10599.7500	38.80	11.76	50.56	68.30	-17.74	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Horizontal

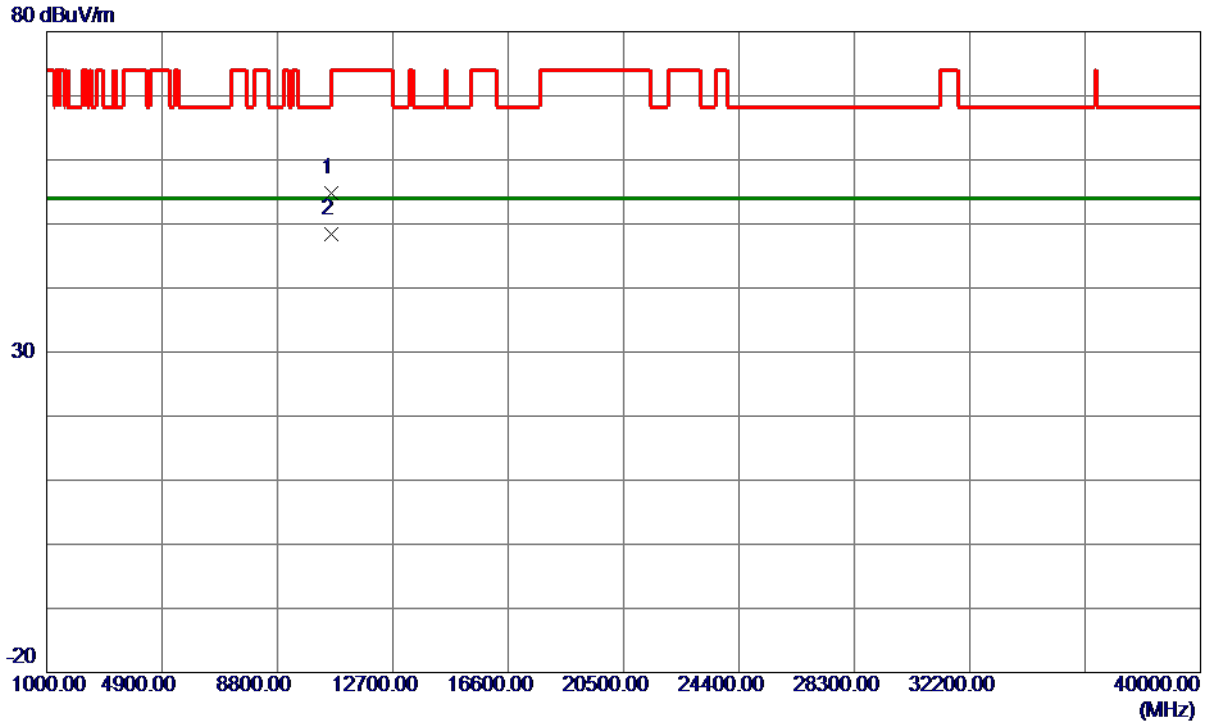


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5301.2000	81.41	14.89	96.30	999.00	-902.70	AVG	No Limit
2 *	5306.8000	89.65	14.91	104.56	68.30	36.26	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5300 MHz

Horizontal

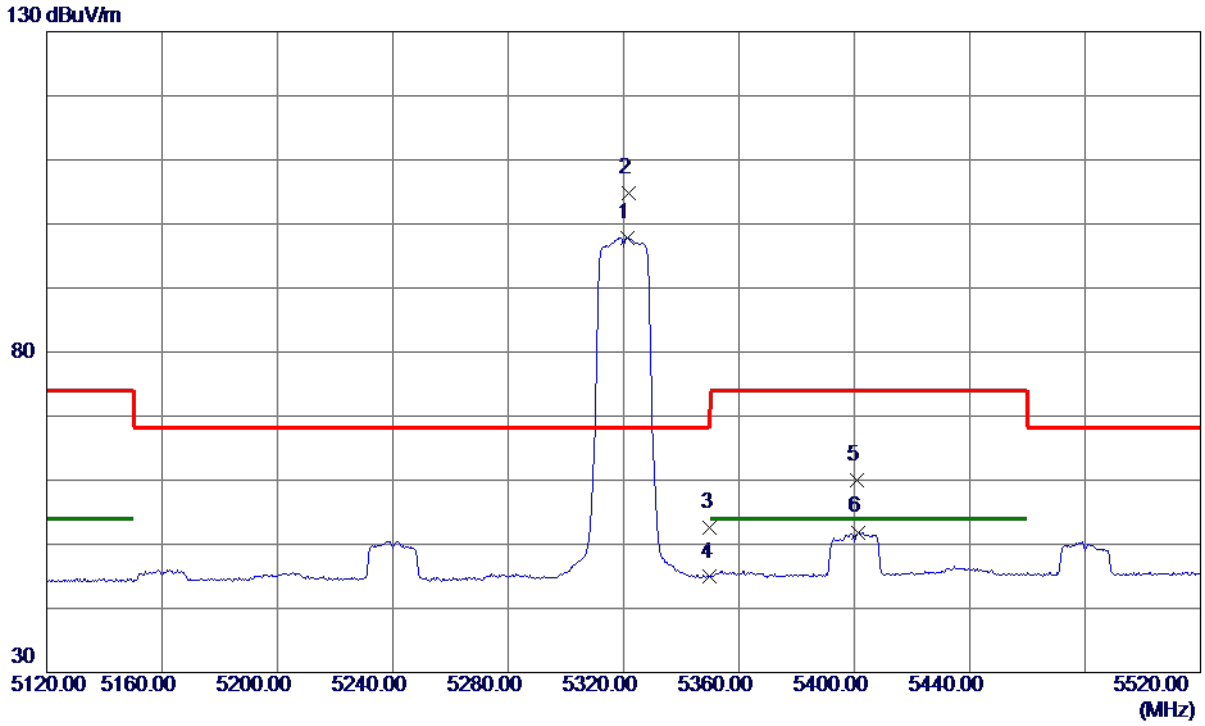


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.3000	43.00	11.76	54.76	68.30	-13.54	Peak	
2 *	10599.3210	36.63	11.76	48.39	54.00	-5.61	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Vertical

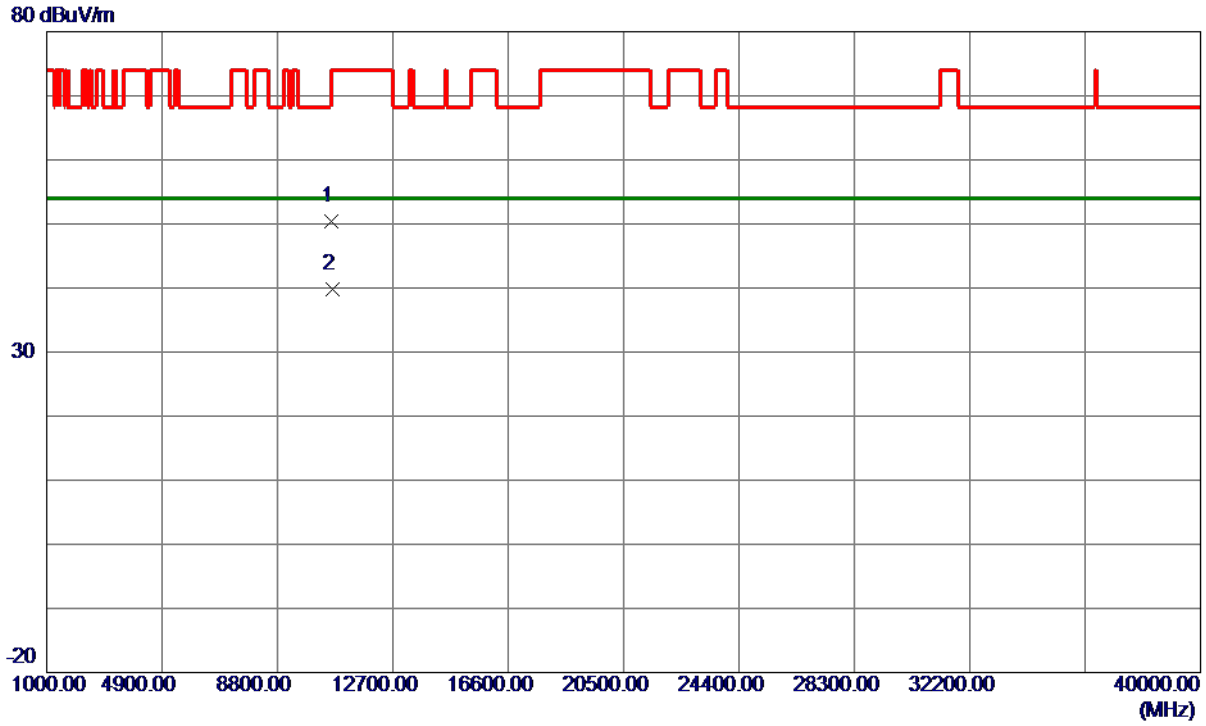


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5321.2000	82.94	14.94	97.88	999.00	-901.12	AVG	No Limit
2 *	5321.6000	89.89	14.94	104.83	68.30	36.53	Peak	No Limit
3	5350.0000	37.54	15.02	52.56	74.00	-21.44	Peak	
4	5350.0000	29.88	15.02	44.90	54.00	-9.10	AVG	
5	5401.0000	44.83	15.14	59.97	74.00	-14.03	Peak	
6	5401.2000	36.75	15.15	51.90	54.00	-2.10	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Vertical

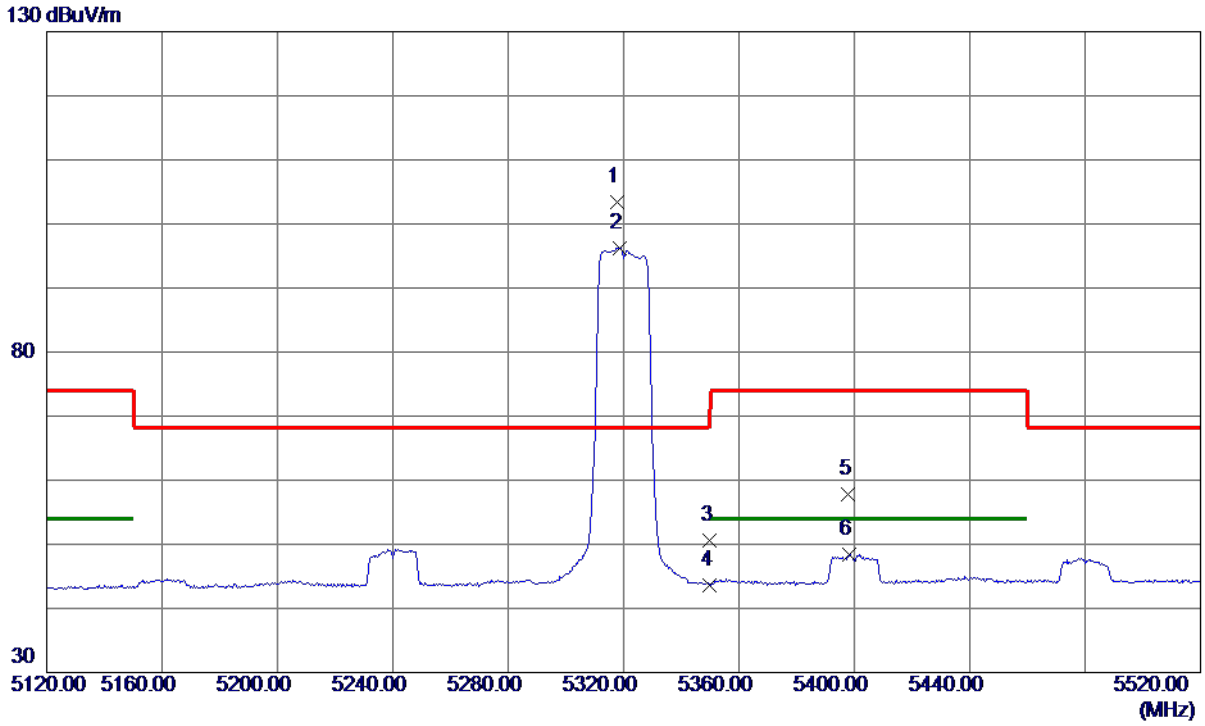


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.6300	38.57	11.78	50.35	74.00	-23.65	Peak	
2 *	10643.3400	27.95	11.78	39.73	54.00	-14.27	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Horizontal

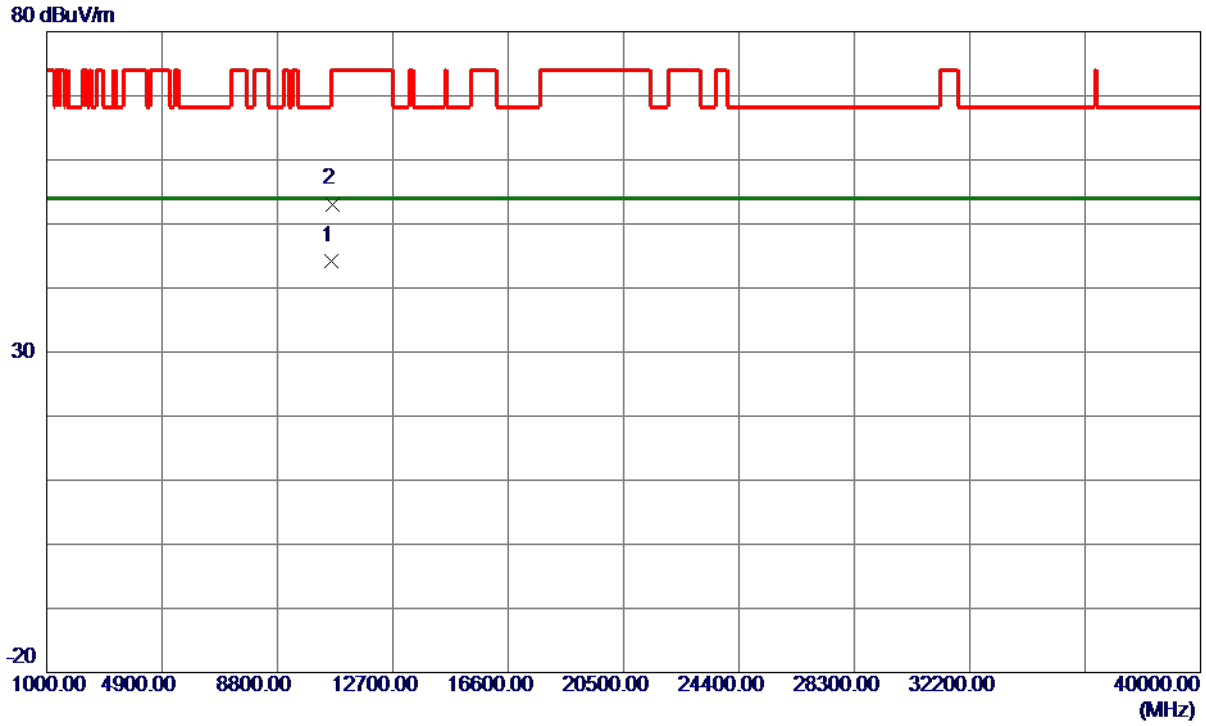


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5317.6000	88.40	14.93	103.33	68.30	35.03	Peak	No Limit
2	5318.8000	81.27	14.94	96.21	999.00	-902.79	AVG	No Limit
3	5350.0000	35.56	15.02	50.58	74.00	-23.42	Peak	
4	5350.0000	28.63	15.02	43.65	54.00	-10.35	AVG	
5	5398.0000	42.71	15.14	57.85	74.00	-16.15	Peak	
6	5398.4000	33.25	15.14	48.39	54.00	-5.61	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz

Horizontal

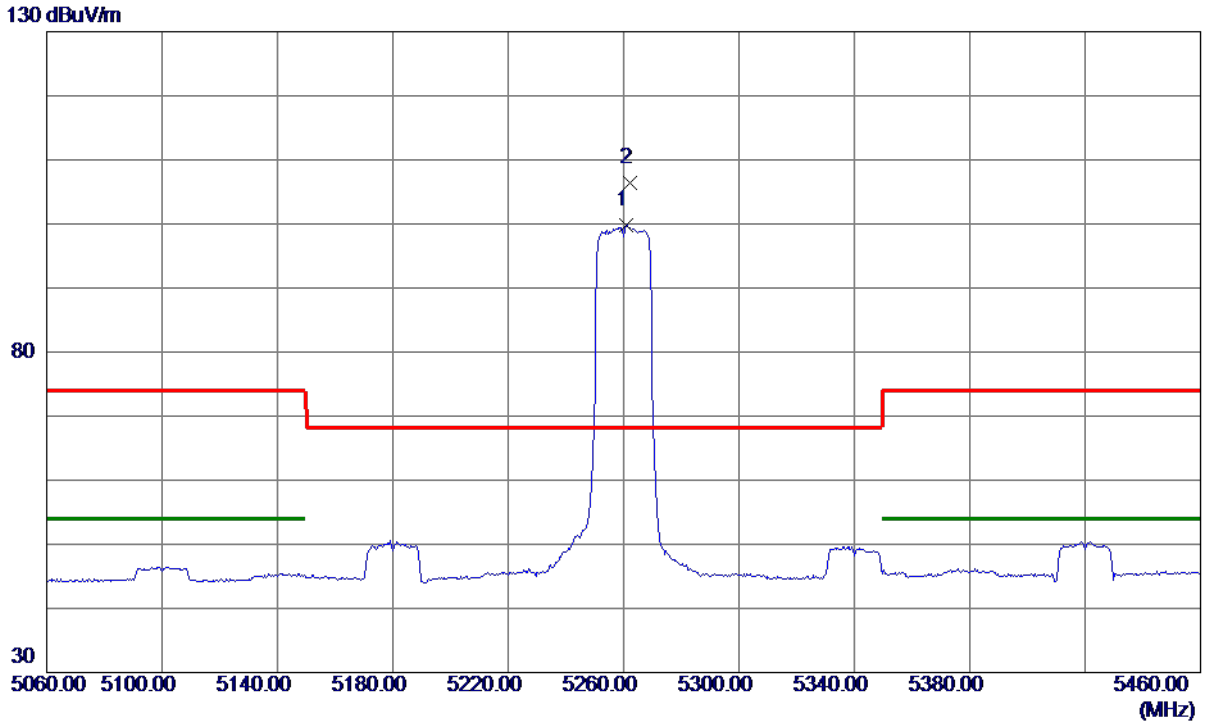


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10639.9200	32.50	11.78	44.28	54.00	-9.72	AVG	
2	10643.0599	41.32	11.78	53.10	74.00	-20.90	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5260 MHz

Vertical

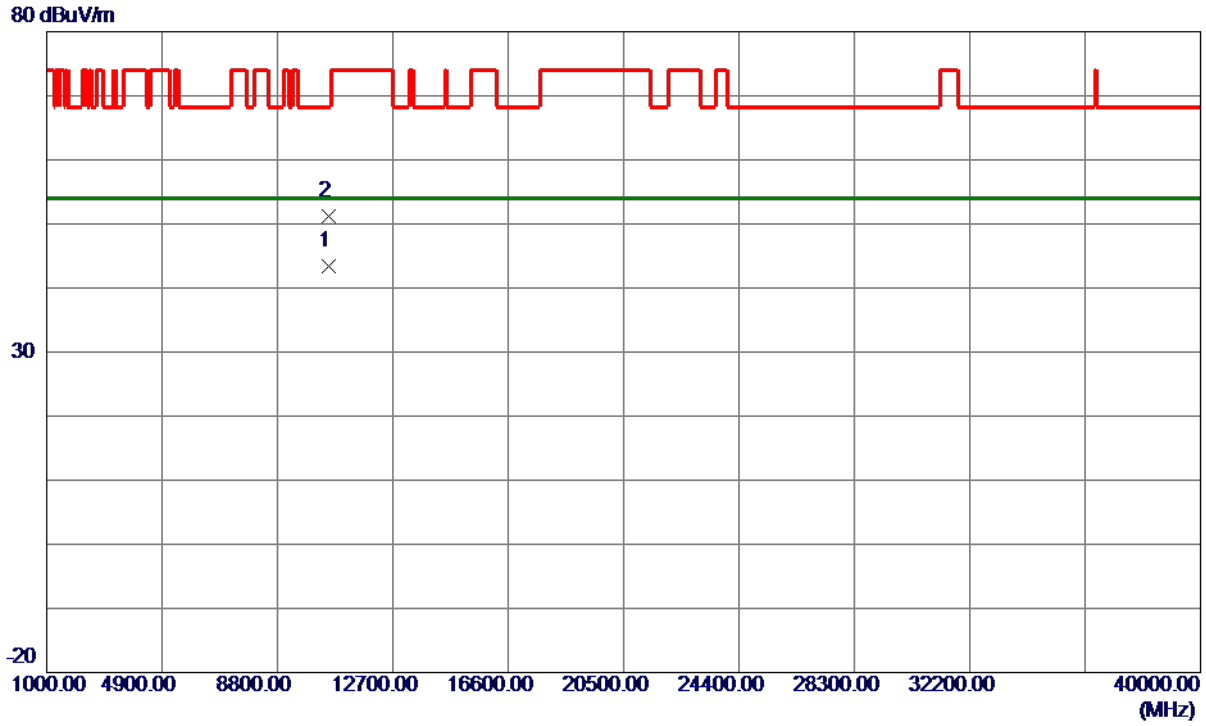


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5260.8000	84.93	14.79	99.72	999.00	-899.28	AVG	No Limit
2 *	5262.4000	91.60	14.79	106.39	68.30	38.09	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5260 MHz

Vertical

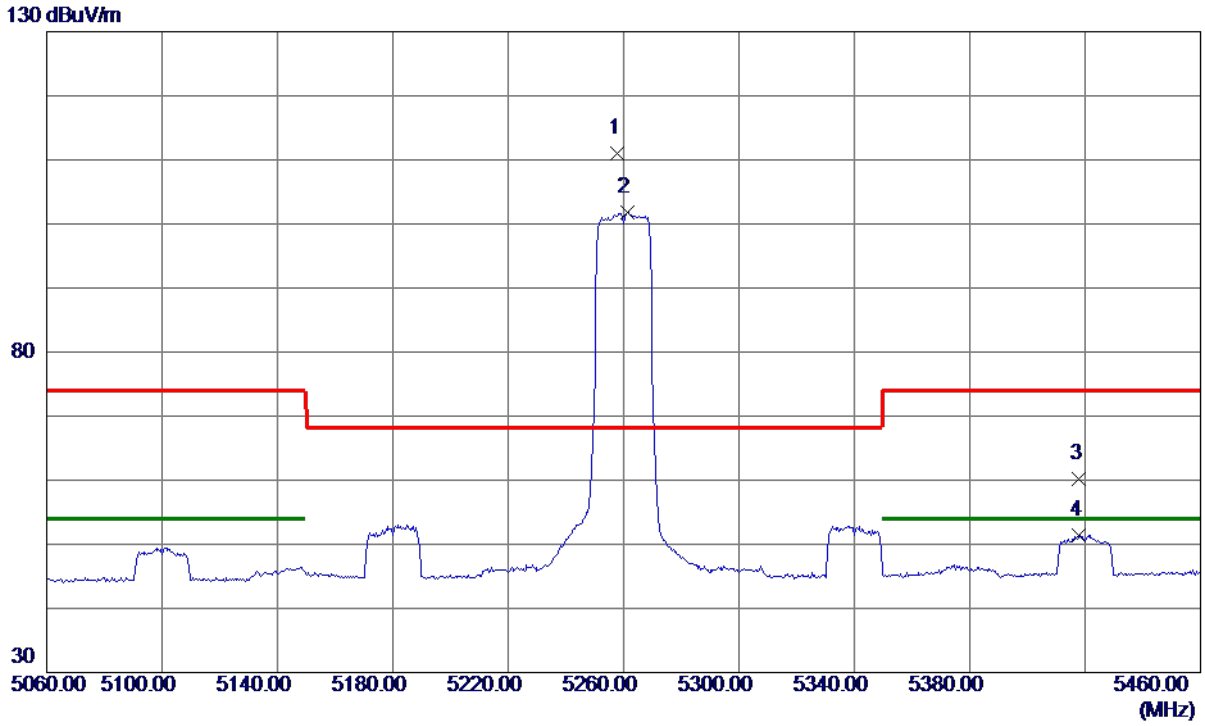


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10518.2530	31.63	11.72	43.35	54.00	-10.65	AVG	
2	10518.4000	39.43	11.72	51.15	68.30	-17.15	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5260 MHz

Horizontal

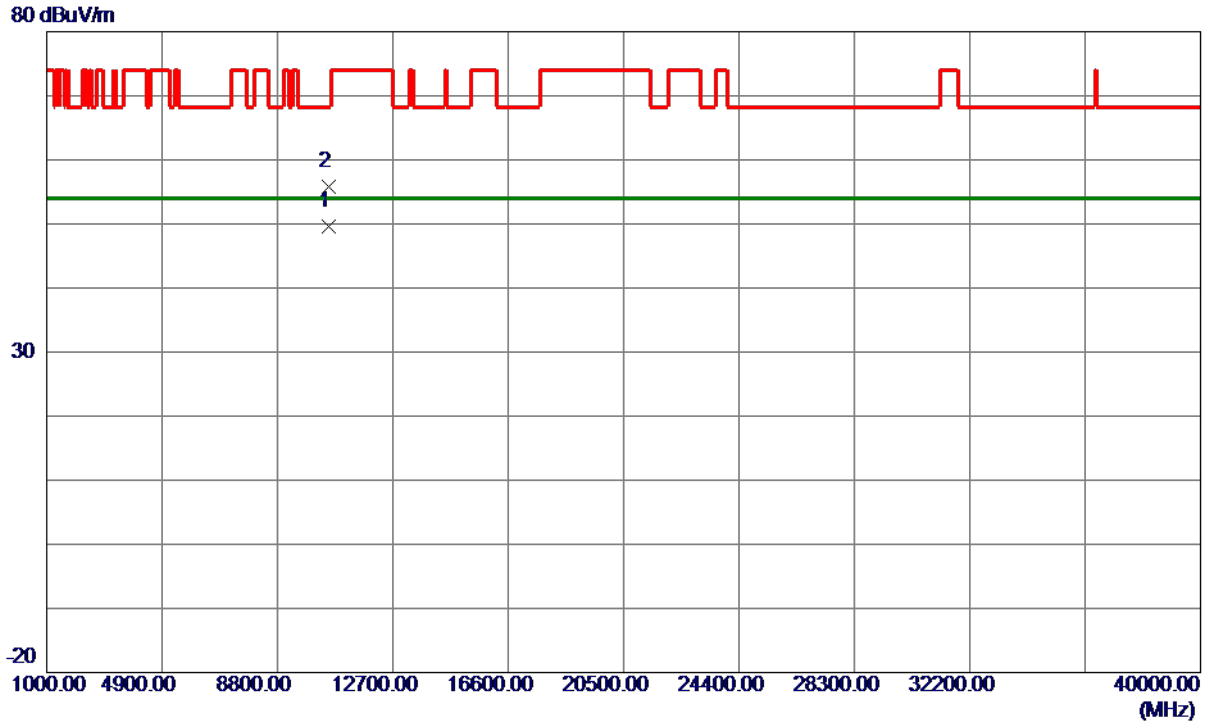


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5258.0000	96.17	14.78	110.95	68.30	42.65	Peak	No Limit
2	5261.2000	87.08	14.79	101.87	999.00	-897.13	AVG	No Limit
3	5418.0000	45.09	15.19	60.28	74.00	-13.72	Peak	
4	5418.0000	36.25	15.19	51.44	54.00	-2.56	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5260 MHz

Horizontal

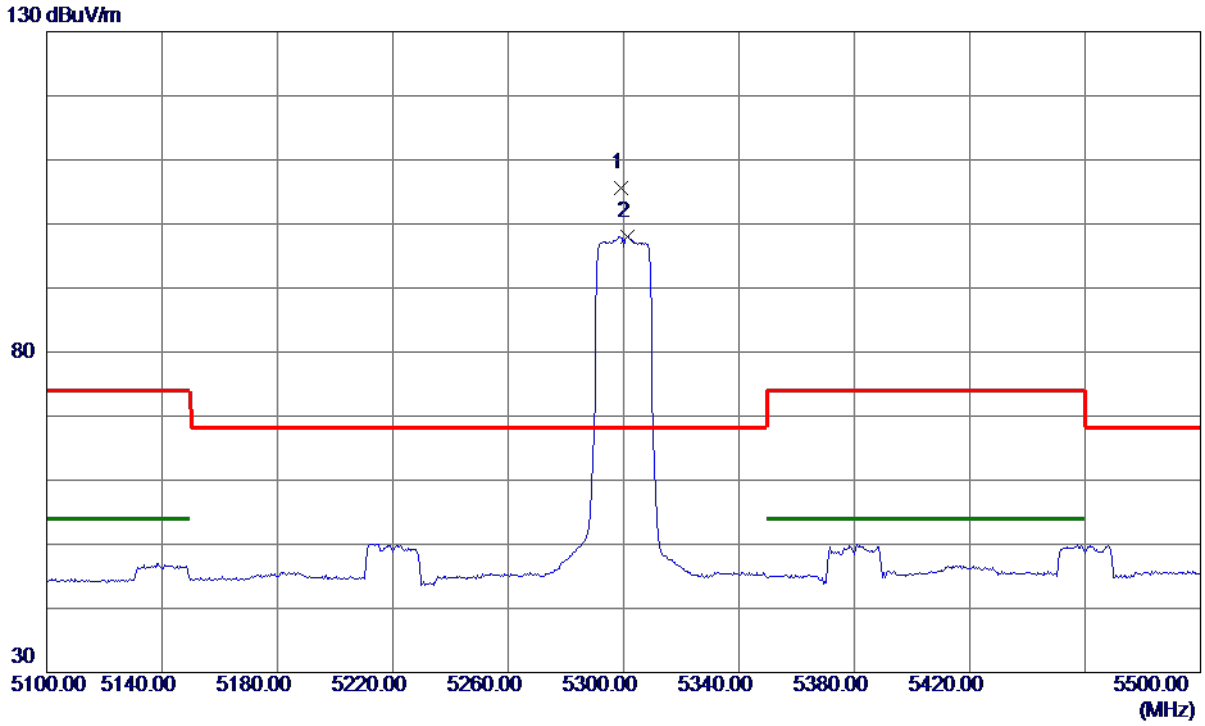


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10518.8620	37.96	11.72	49.68	54.00	-4.32	AVG	
2	10518.8700	44.06	11.72	55.78	68.30	-12.52	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5300 MHz

Vertical

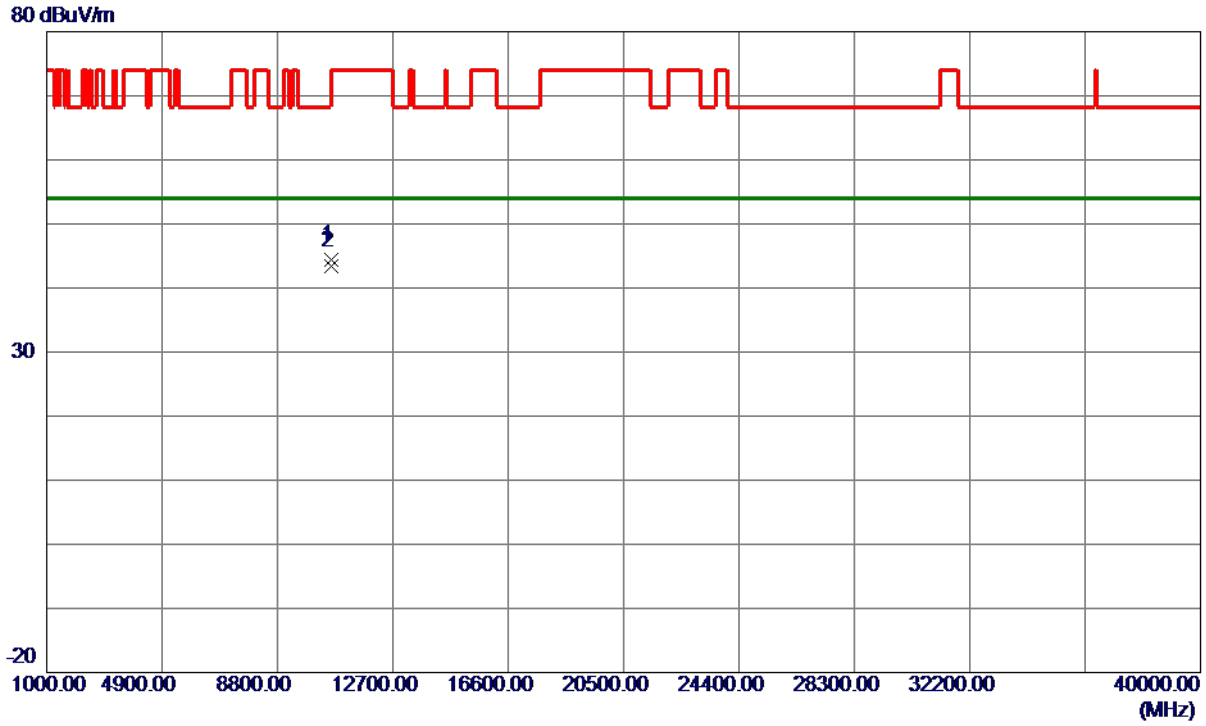


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5299.2000	90.66	14.89	105.55	68.30	37.25	Peak	No Limit
2	5301.2000	83.15	14.89	98.04	999.00	-900.96	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5300 MHz

Vertical

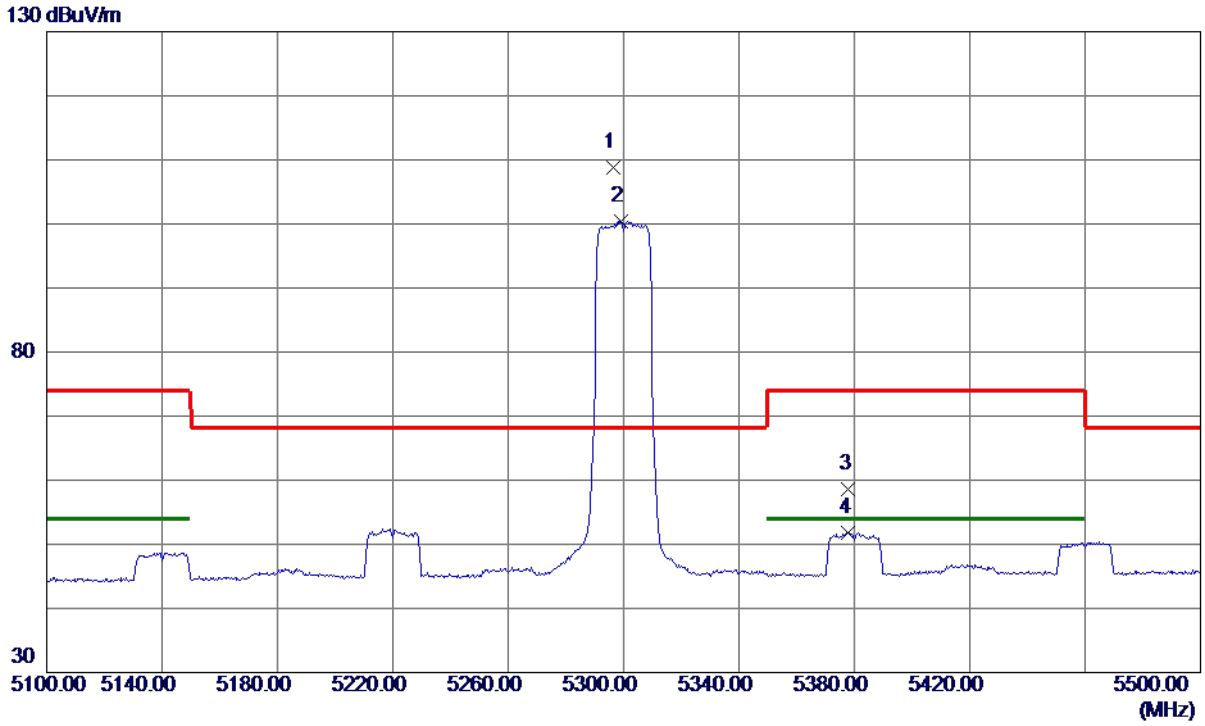


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.9700	32.59	11.76	44.35	68.30	-23.95	Peak	
2 *	10599.9850	31.63	11.76	43.39	54.00	-10.61	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5300 MHz

Horizontal

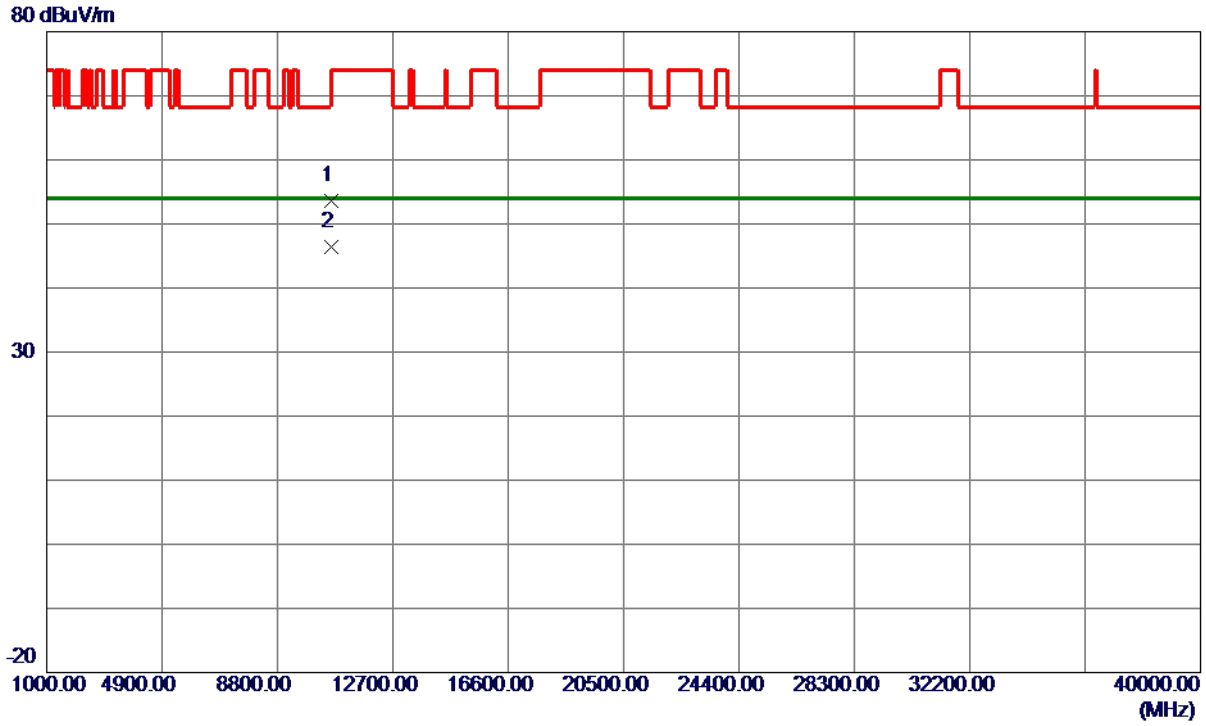


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5296.4000	93.87	14.88	108.75	68.30	40.45	Peak	No Limit
2	5299.2000	85.55	14.89	100.44	999.00	-898.56	AVG	No Limit
3	5378.0000	43.46	15.09	58.55	74.00	-15.45	Peak	
4	5378.0000	36.78	15.09	51.87	54.00	-2.13	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5300 MHz

Horizontal

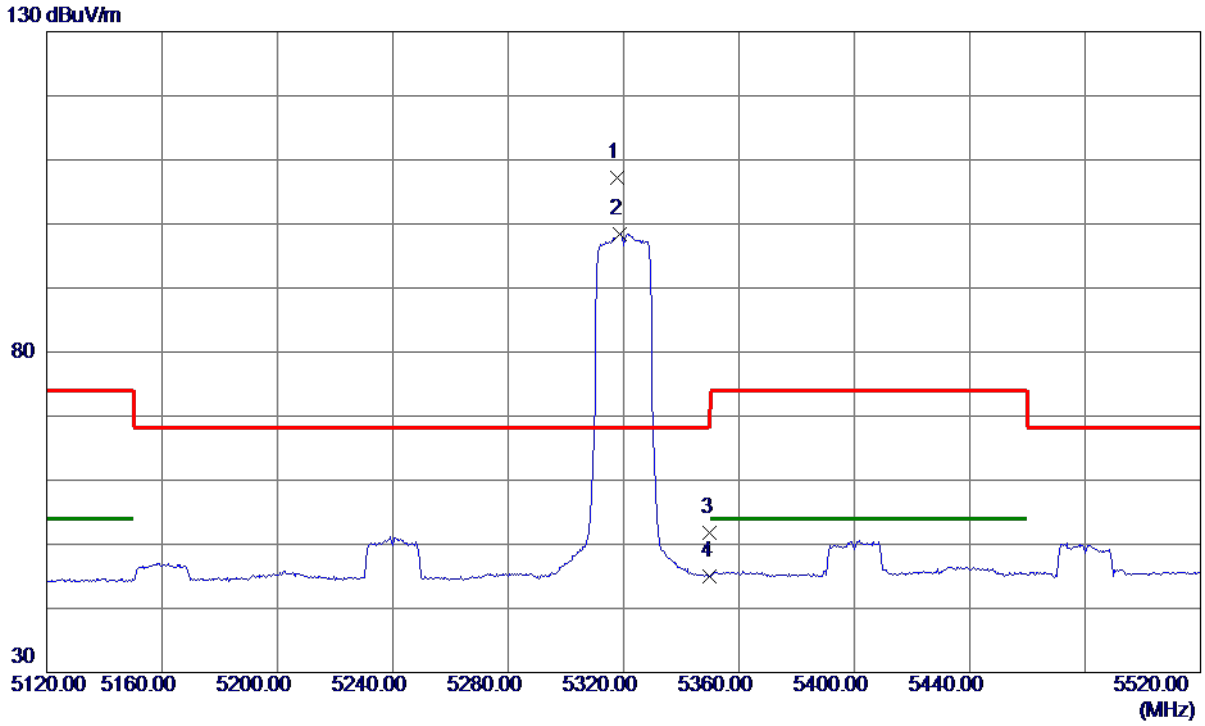


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10598.7600	41.88	11.76	53.64	68.30	-14.66	Peak	
2 *	10598.7820	34.63	11.76	46.39	54.00	-7.61	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5320 MHz

Vertical

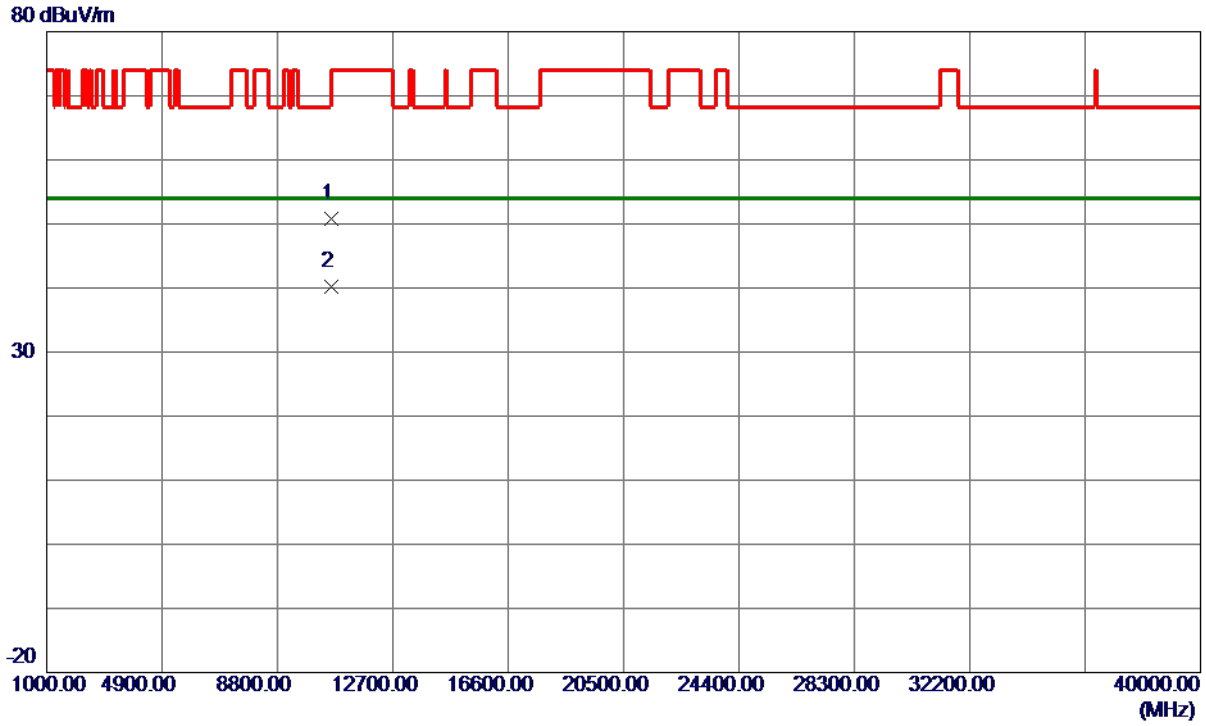


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5317.6000	92.20	14.93	107.13	68.30	38.83	Peak	No Limit
2	5318.8000	83.54	14.94	98.48	999.00	-900.52	AVG	No Limit
3	5350.0000	36.69	15.02	51.71	74.00	-22.29	Peak	
4	5350.0000	29.99	15.02	45.01	54.00	-8.99	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5320 MHz

Vertical

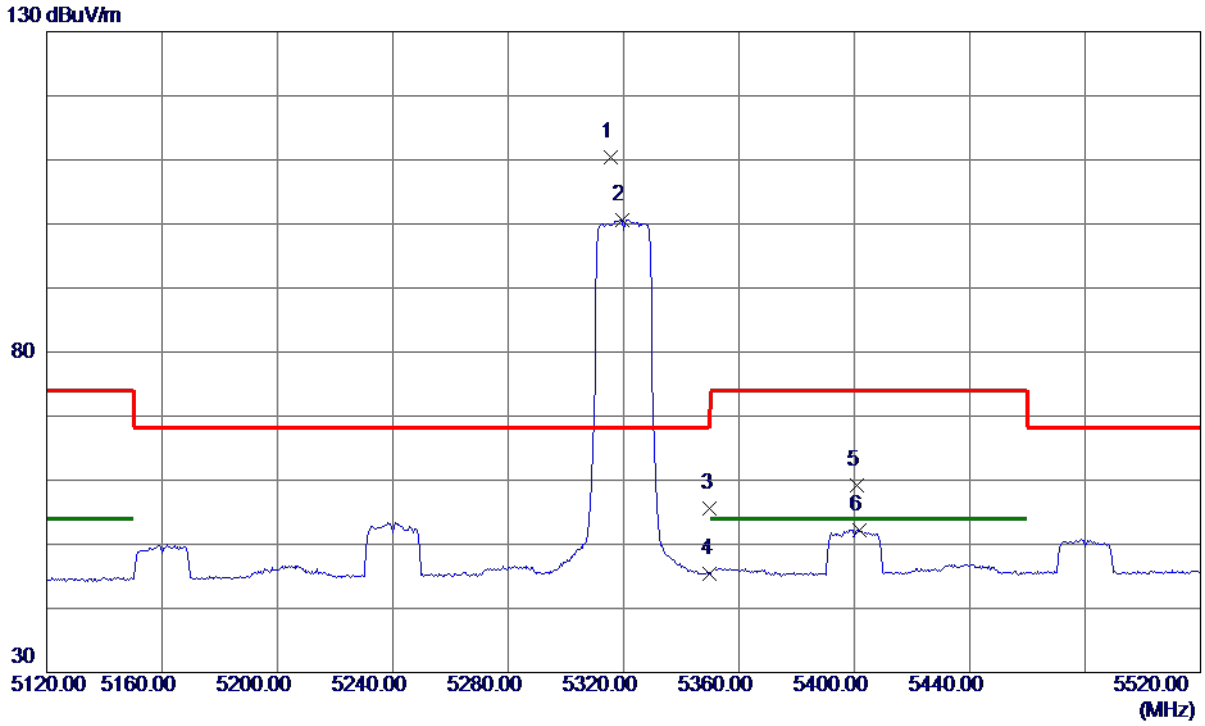


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.5199	39.00	11.78	50.78	74.00	-23.22	Peak	
2 *	10639.7400	28.49	11.78	40.27	54.00	-13.73	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5320 MHz

Horizontal

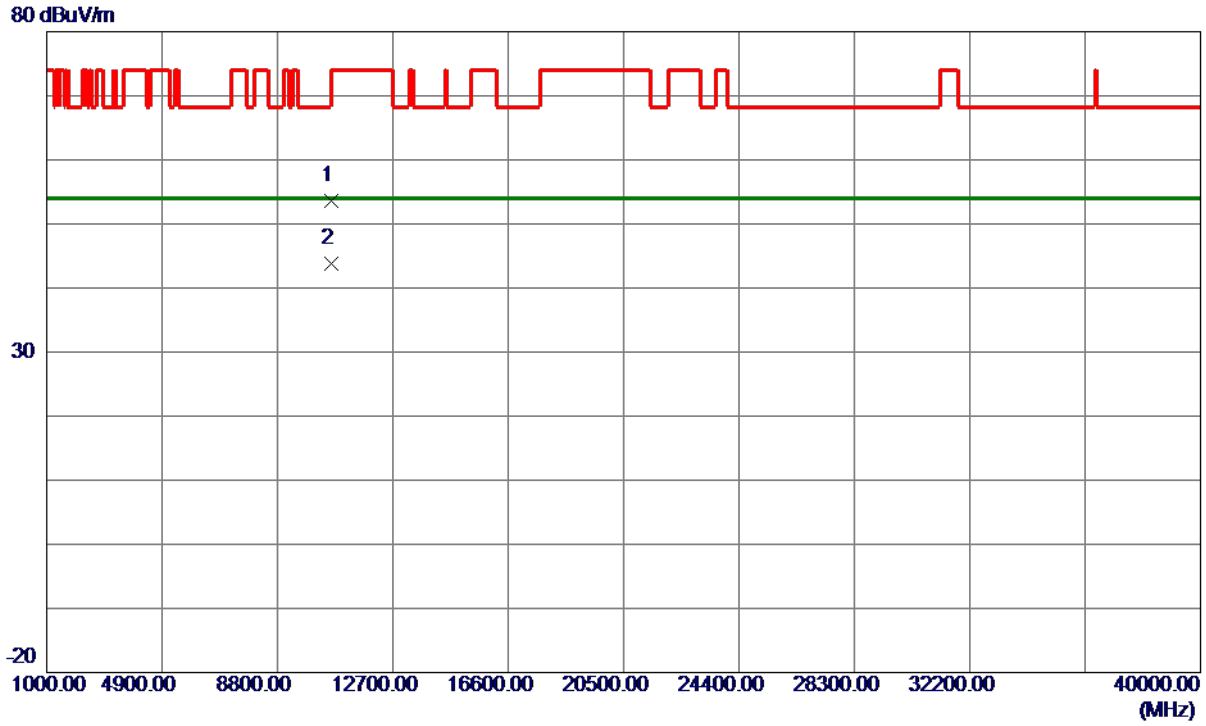


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5315.6000	95.55	14.93	110.48	68.30	42.18	Peak	No Limit
2	5319.6000	85.72	14.94	100.66	999.00	-898.34	AVG	No Limit
3	5350.0000	40.56	15.02	55.58	74.00	-18.42	Peak	
4	5350.0000	30.44	15.02	45.46	54.00	-8.54	AVG	
5	5401.0000	44.02	15.14	59.16	74.00	-14.84	Peak	
6	5401.6000	37.13	15.15	52.28	54.00	-1.72	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5320 MHz

Horizontal

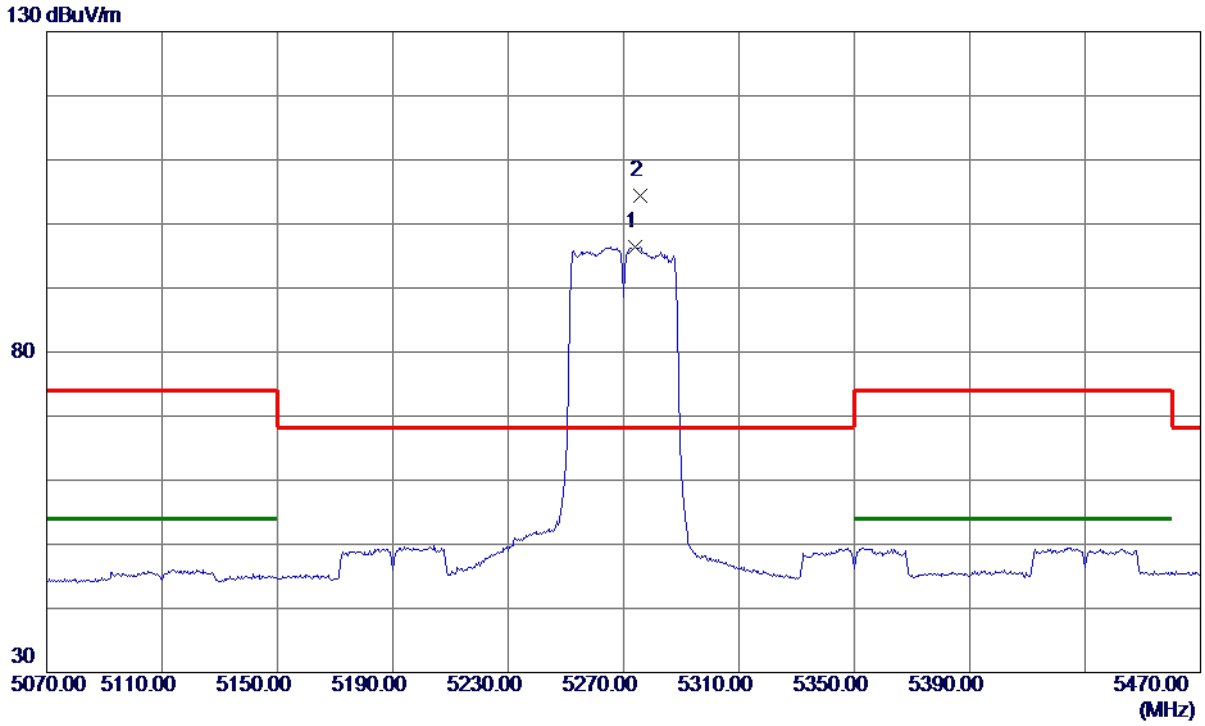


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.4300	41.86	11.78	53.64	74.00	-20.36	Peak	
2 *	10640.0500	32.01	11.78	43.79	54.00	-10.21	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5270 MHz

Vertical

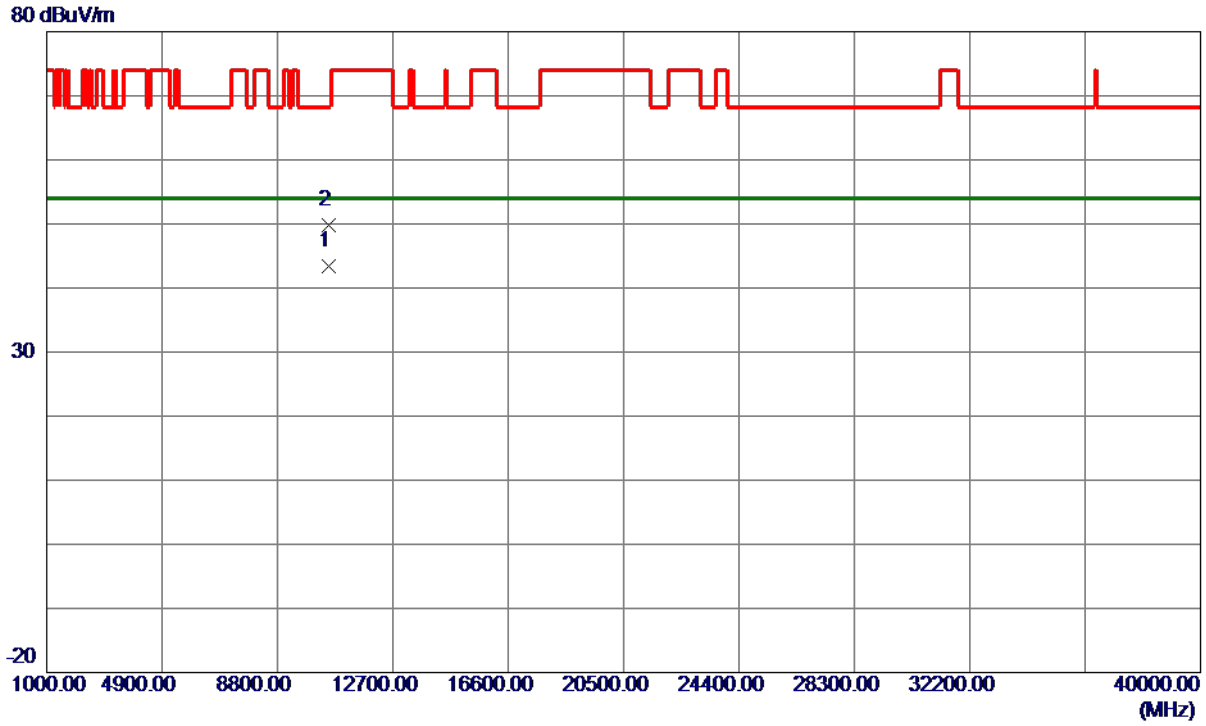


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5274.0000	81.64	14.82	96.46	999.00	-902.54	AVG	No Limit
2 *	5275.6000	89.60	14.83	104.43	68.30	36.13	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5270 MHz

Vertical

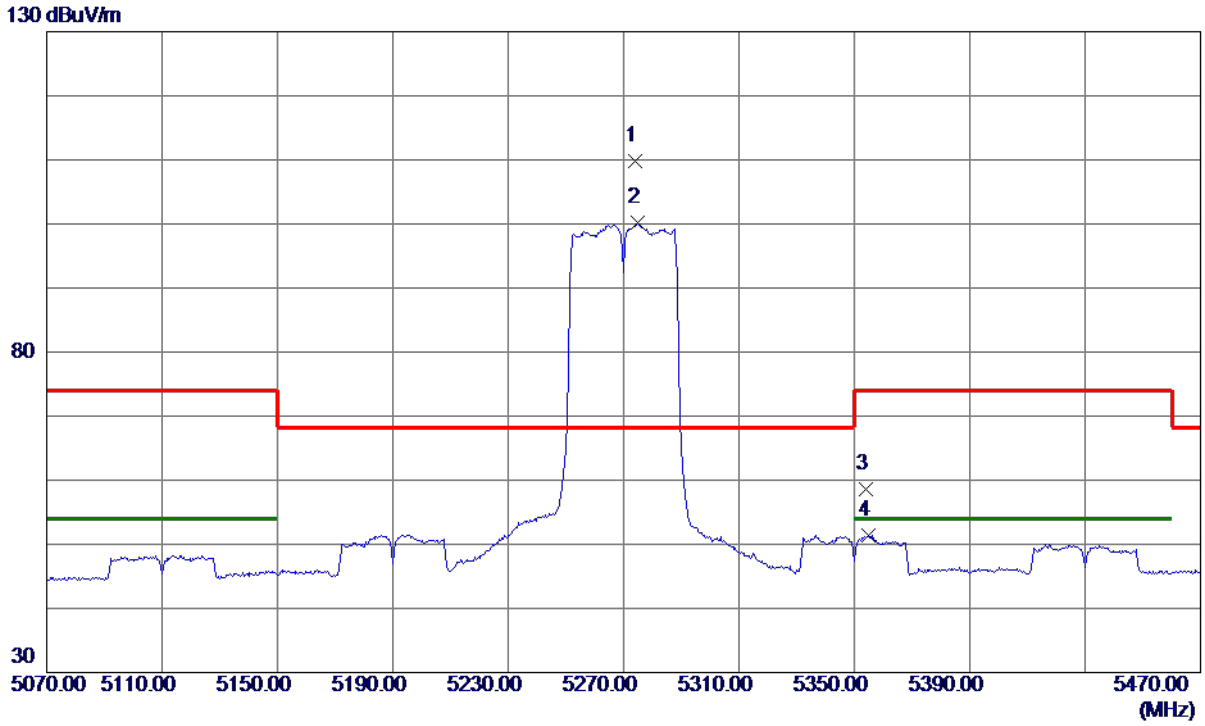


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10541.3259	31.62	11.73	43.35	54.00	-10.65	AVG	
2	10541.5300	38.04	11.73	49.77	68.30	-18.53	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5270 MHz

Horizontal

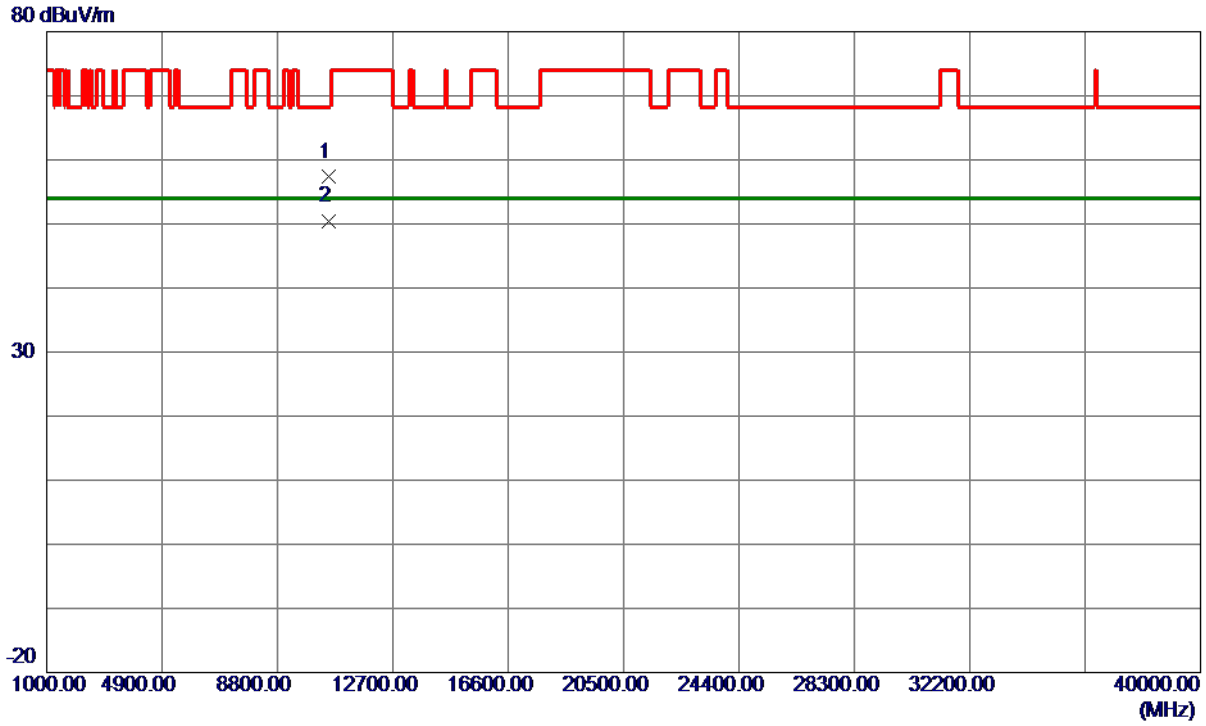


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5274.0000	95.07	14.82	109.89	68.30	41.59	Peak	No Limit
2	5274.8000	85.33	14.83	100.16	999.00	-898.84	AVG	No Limit
3	5354.0000	43.58	15.03	58.61	74.00	-15.39	Peak	
4	5354.8000	36.40	15.03	51.43	54.00	-2.57	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5270 MHz

Horizontal

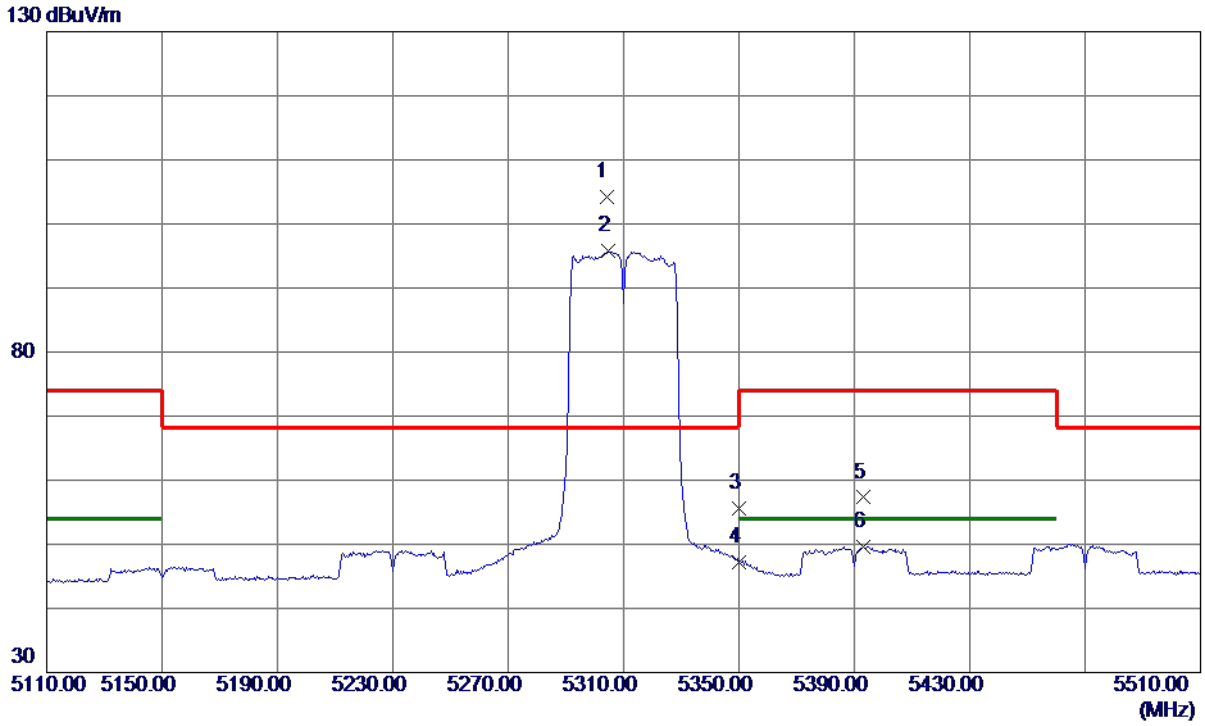


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10539.1000	45.57	11.73	57.30	68.30	-11.00	Peak	
2 *	10540.5640	38.62	11.73	50.35	54.00	-3.65	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5310 MHz

Vertical

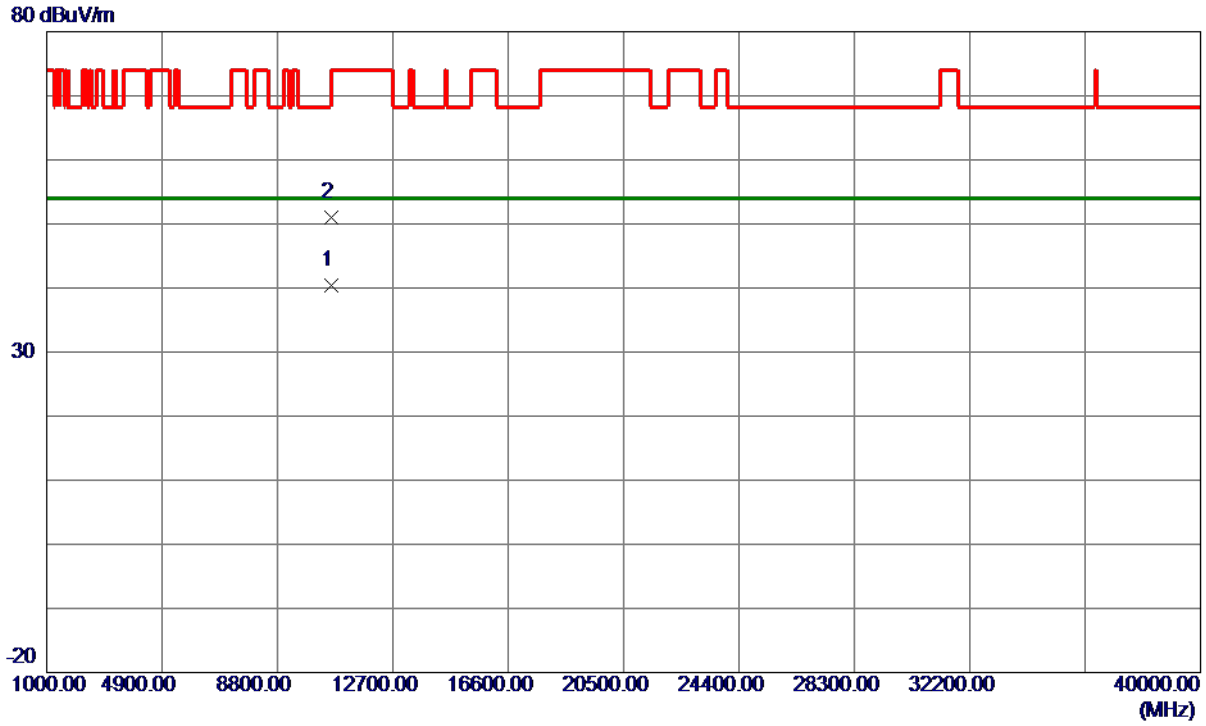


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5304.0000	89.37	14.90	104.27	68.30	35.97	Peak	No Limit
2	5304.8000	80.96	14.90	95.86	999.00	-903.14	AVG	No Limit
3	5350.0000	40.57	15.02	55.59	74.00	-18.41	Peak	
4	5350.0000	32.22	15.02	47.24	54.00	-6.76	AVG	
5	5393.0000	42.18	15.12	57.30	74.00	-16.70	Peak	
6	5393.2000	34.55	15.12	49.67	54.00	-4.33	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5310 MHz

Vertical

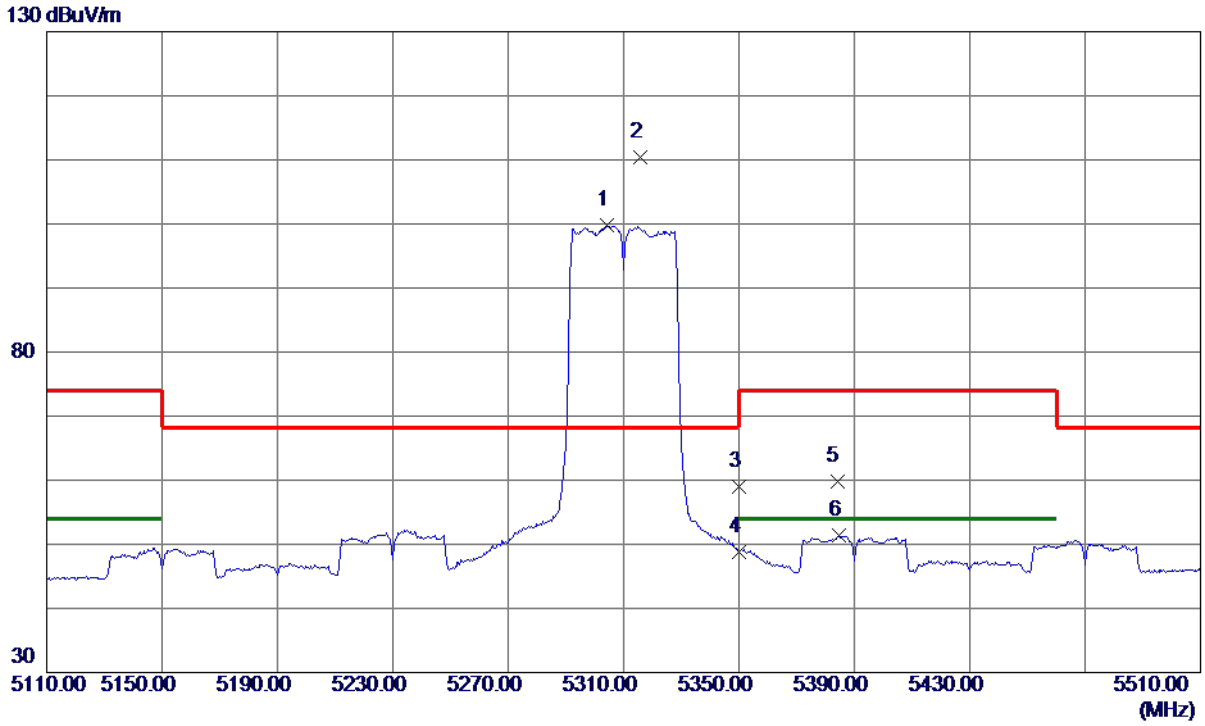


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10621.5500	28.68	11.77	40.45	54.00	-13.55	AVG	
2	10624.2500	39.24	11.77	51.01	74.00	-22.99	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5310 MHz

Horizontal

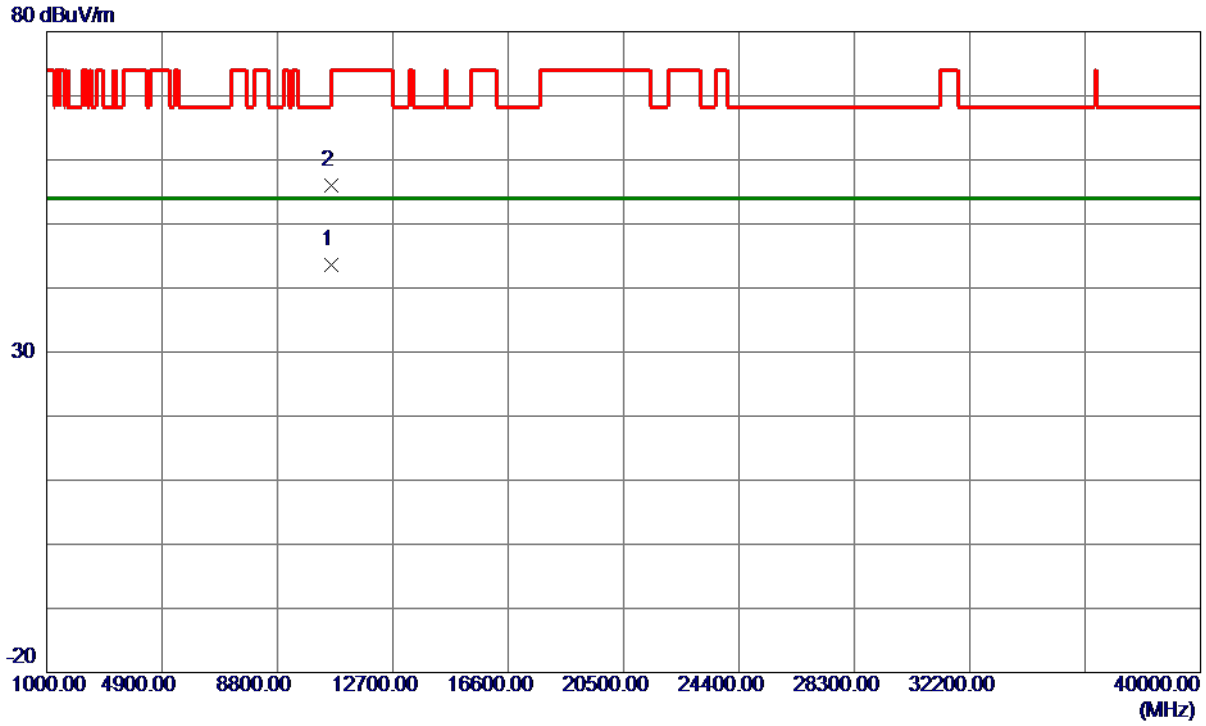


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5304.4000	84.83	14.90	99.73	999.00	-899.27	AVG	No Limit
2 *	5315.6000	95.45	14.93	110.38	68.30	42.08	Peak	No Limit
3	5350.0000	43.99	15.02	59.01	74.00	-14.99	Peak	
4	5350.0000	33.79	15.02	48.81	54.00	-5.19	AVG	
5	5384.0000	44.74	15.10	59.84	74.00	-14.16	Peak	
6	5384.8000	36.21	15.10	51.31	54.00	-2.69	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT40) Mode 5310 MHz

Horizontal

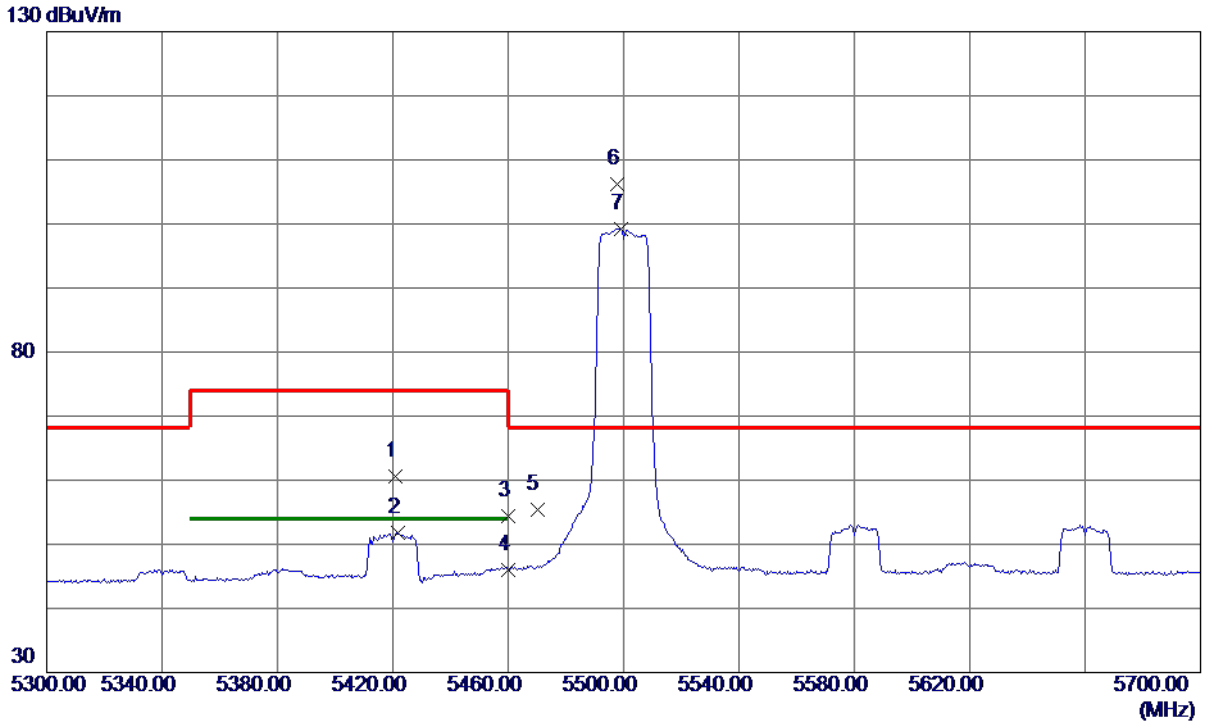


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10618.8200	31.80	11.77	43.57	54.00	-10.43	AVG	
2	10619.3000	44.26	11.77	56.03	74.00	-17.97	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Vertical

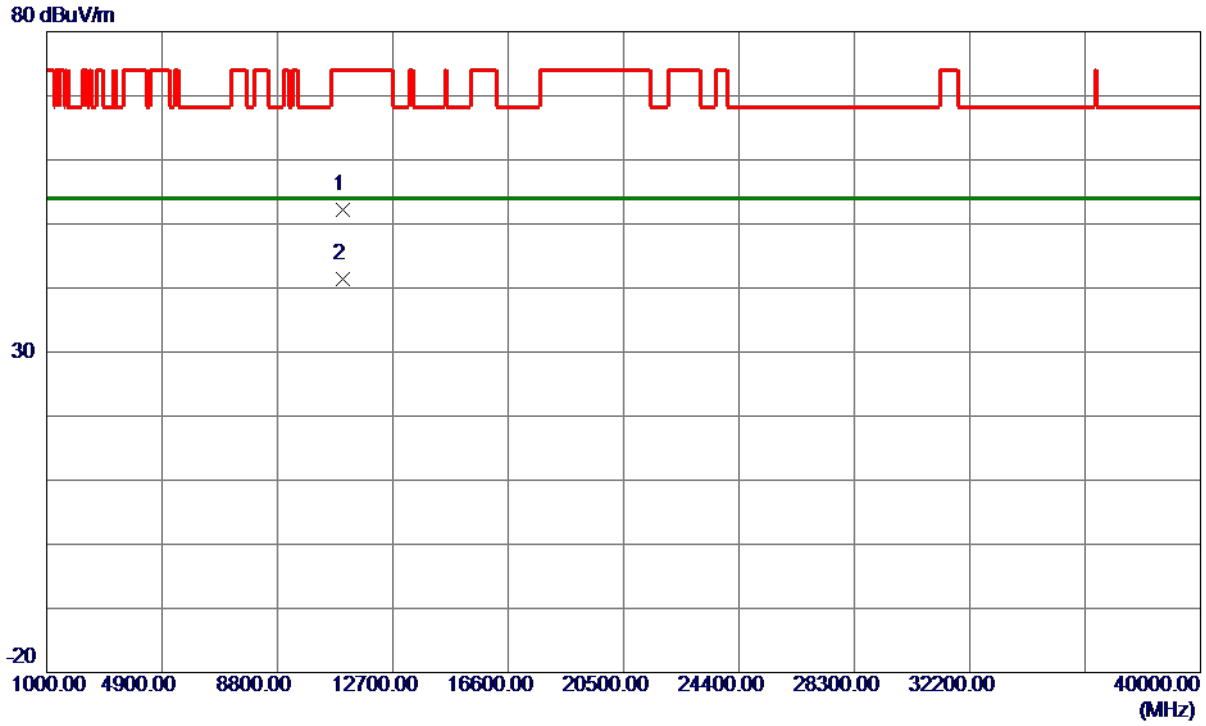


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5421.0000	45.38	15.20	60.58	74.00	-13.42	Peak	
2	5421.6000	36.51	15.20	51.71	54.00	-2.29	AVG	
3	5460.0000	39.05	15.29	54.34	74.00	-19.66	Peak	
4	5460.0000	30.64	15.29	45.93	54.00	-8.07	AVG	
5	5470.0000	40.09	15.32	55.41	68.30	-12.89	Peak	
6 *	5497.6000	90.78	15.39	106.17	68.30	37.87	Peak	No Limit
7	5499.2000	83.90	15.39	99.29	999.00	-899.71	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Vertical

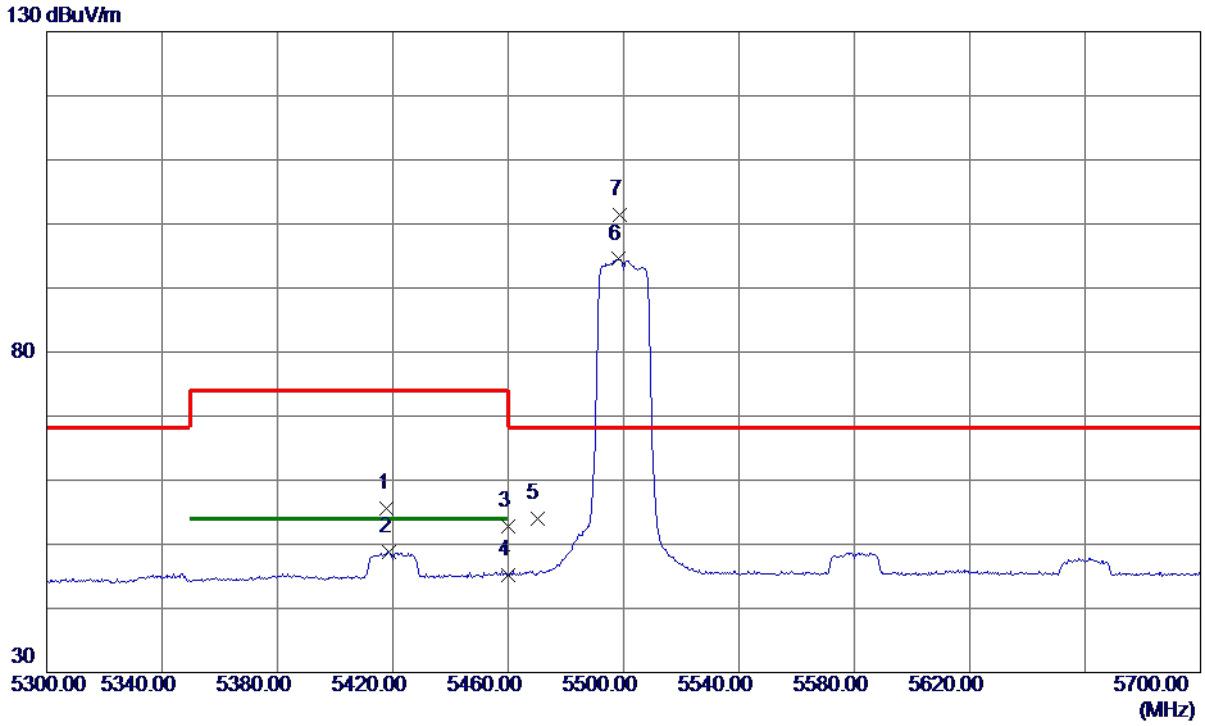


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10998.8099	40.26	11.98	52.24	74.00	-21.76	Peak	
2 *	10999.9349	29.39	11.98	41.37	54.00	-12.63	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Horizontal

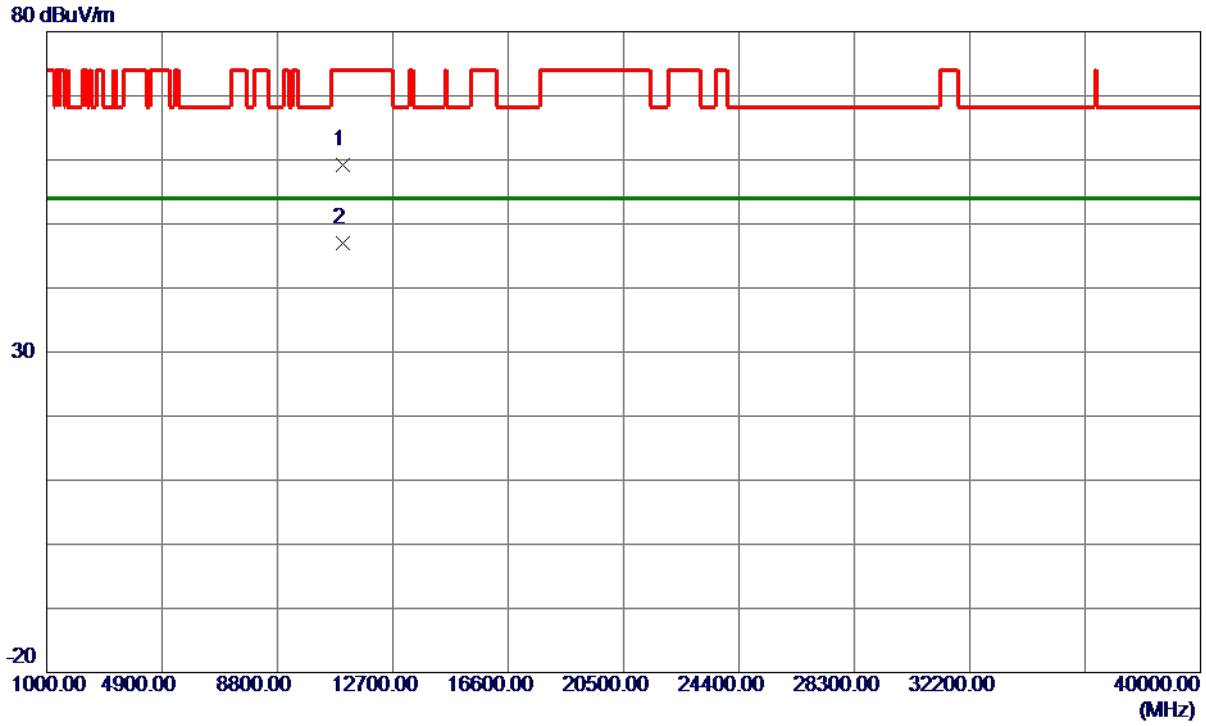


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5418.0000	40.43	15.19	55.62	74.00	-18.38	Peak	
2	5418.8000	33.63	15.19	48.82	54.00	-5.18	AVG	
3	5460.0000	37.56	15.29	52.85	74.00	-21.15	Peak	
4	5460.0000	29.88	15.29	45.17	54.00	-8.83	AVG	
5	5470.0000	38.73	15.32	54.05	68.30	-14.25	Peak	
6	5498.4000	79.11	15.39	94.50	999.00	-904.50	AVG	No Limit
7 *	5498.8000	86.09	15.39	101.48	68.30	33.18	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5500 MHz

Horizontal

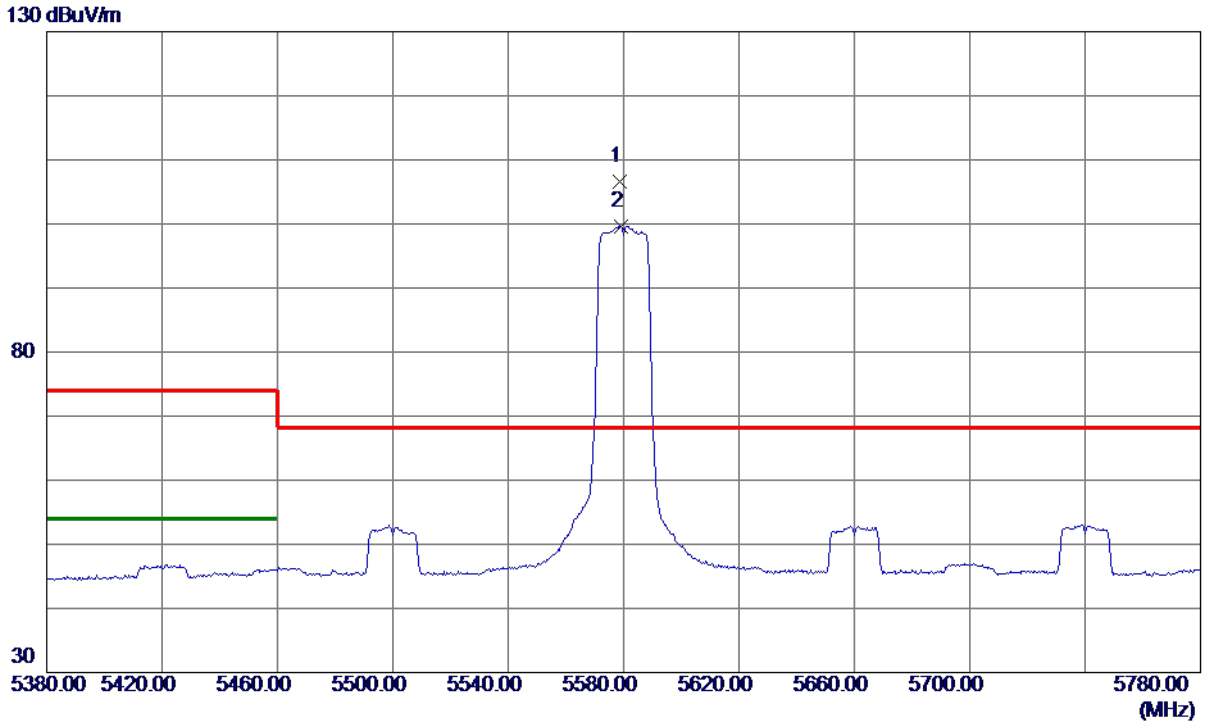


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10998.8050	47.19	11.98	59.17	74.00	-14.83	Peak	
2 *	10999.9000	35.01	11.98	46.99	54.00	-7.01	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Vertical

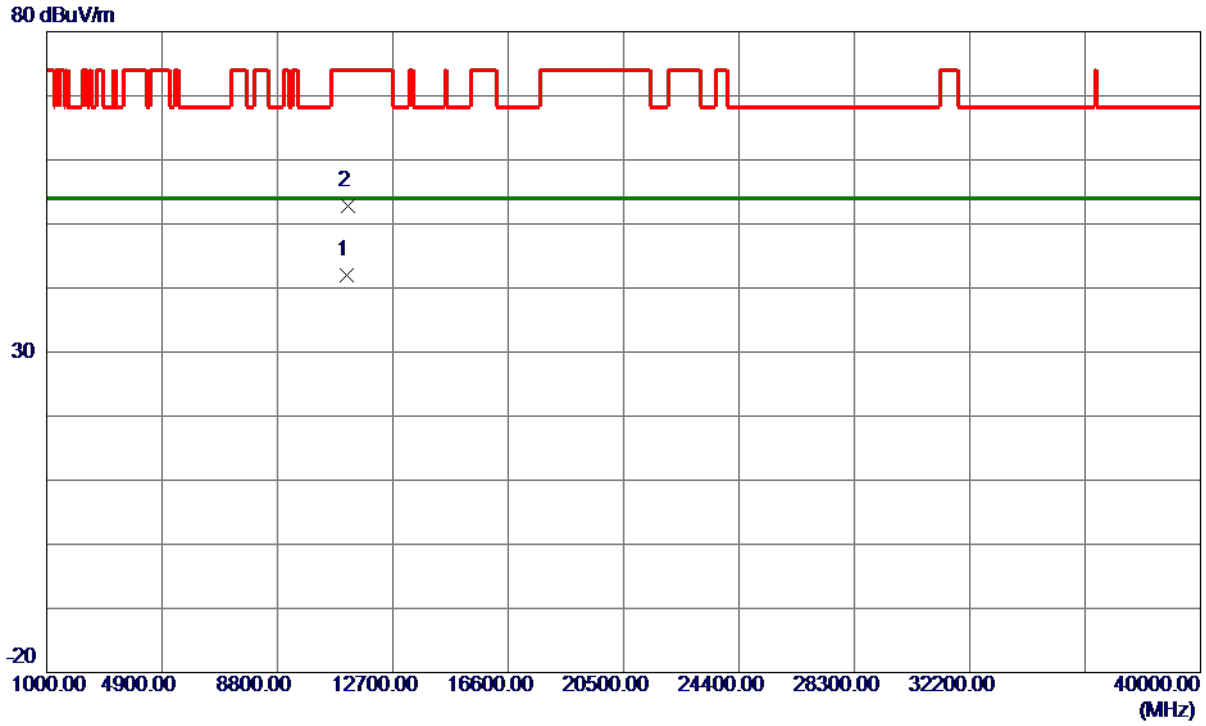


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5578.8000	90.94	15.57	106.51	68.30	38.21	Peak	No Limit
2	5579.2000	84.09	15.57	99.66	999.00	-899.34	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Vertical

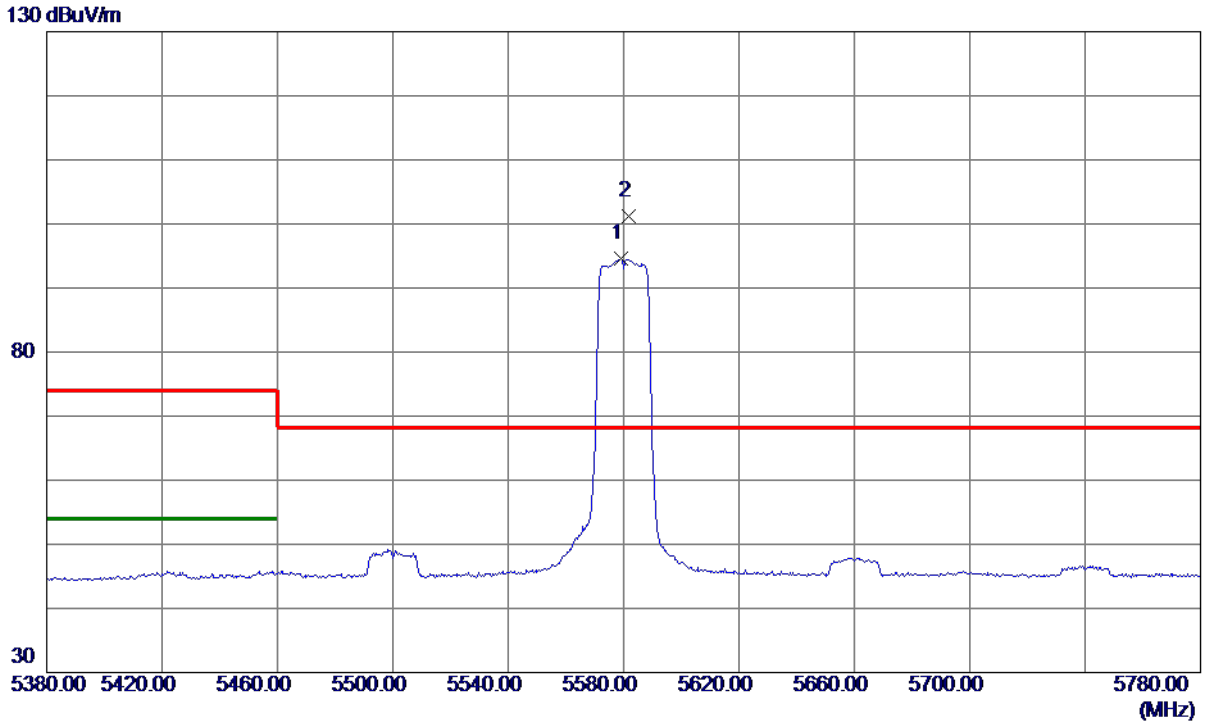


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11145.9500	29.87	12.21	42.08	54.00	-11.92	AVG	
2	11172.2000	40.58	12.25	52.83	74.00	-21.17	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Horizontal

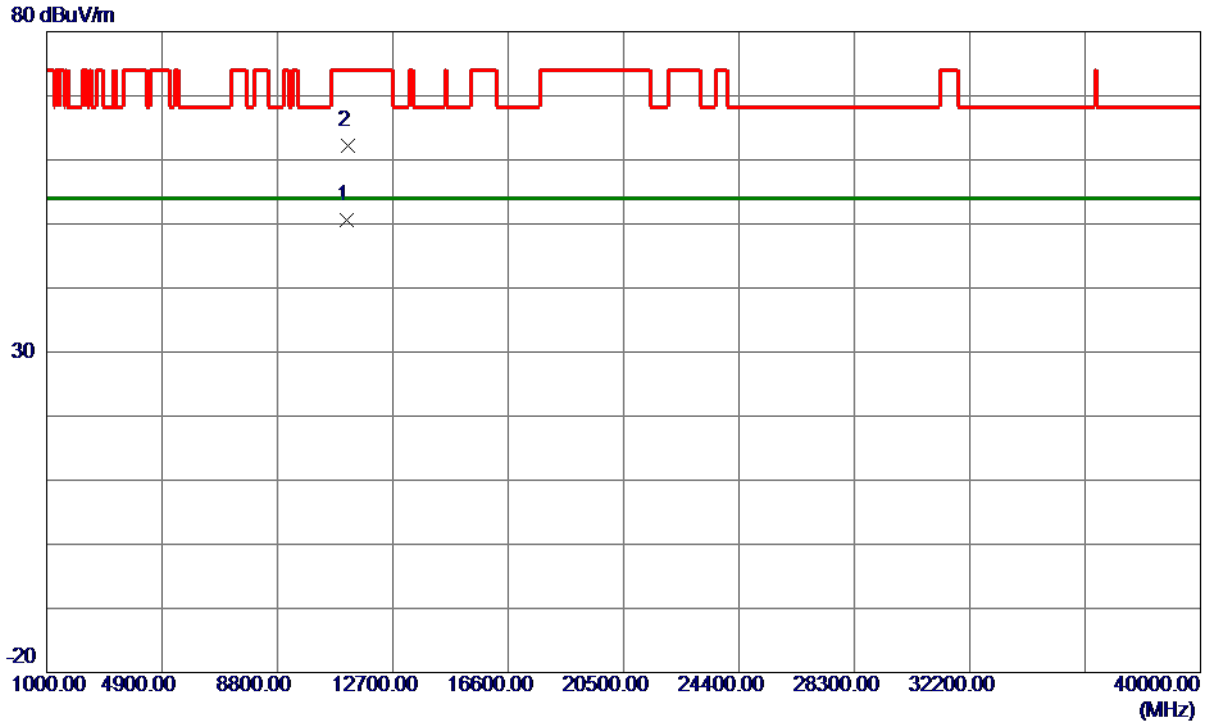


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5579.2000	78.94	15.57	94.51	999.00	-904.49	AVG	No Limit
2 *	5581.6000	85.70	15.57	101.27	68.30	32.97	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5580 MHz

Horizontal

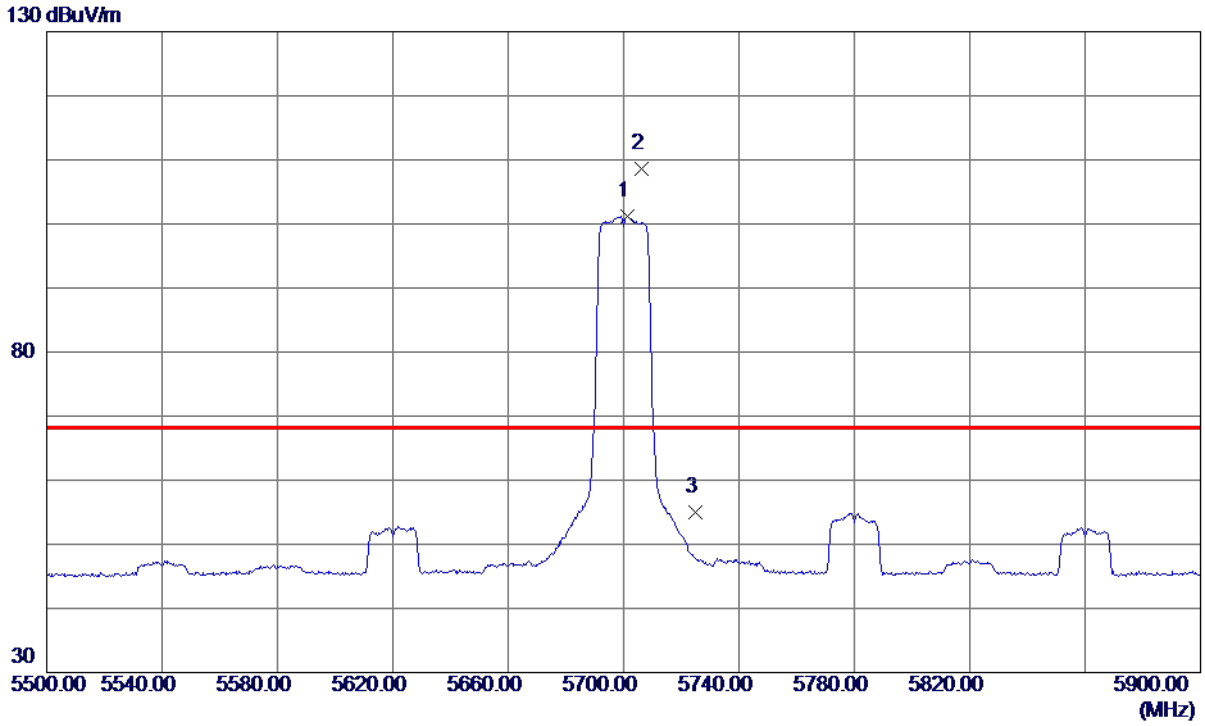


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11156.4700	38.46	12.23	50.69	54.00	-3.31	AVG	
2	11162.7800	49.94	12.24	62.18	74.00	-11.82	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Vertical

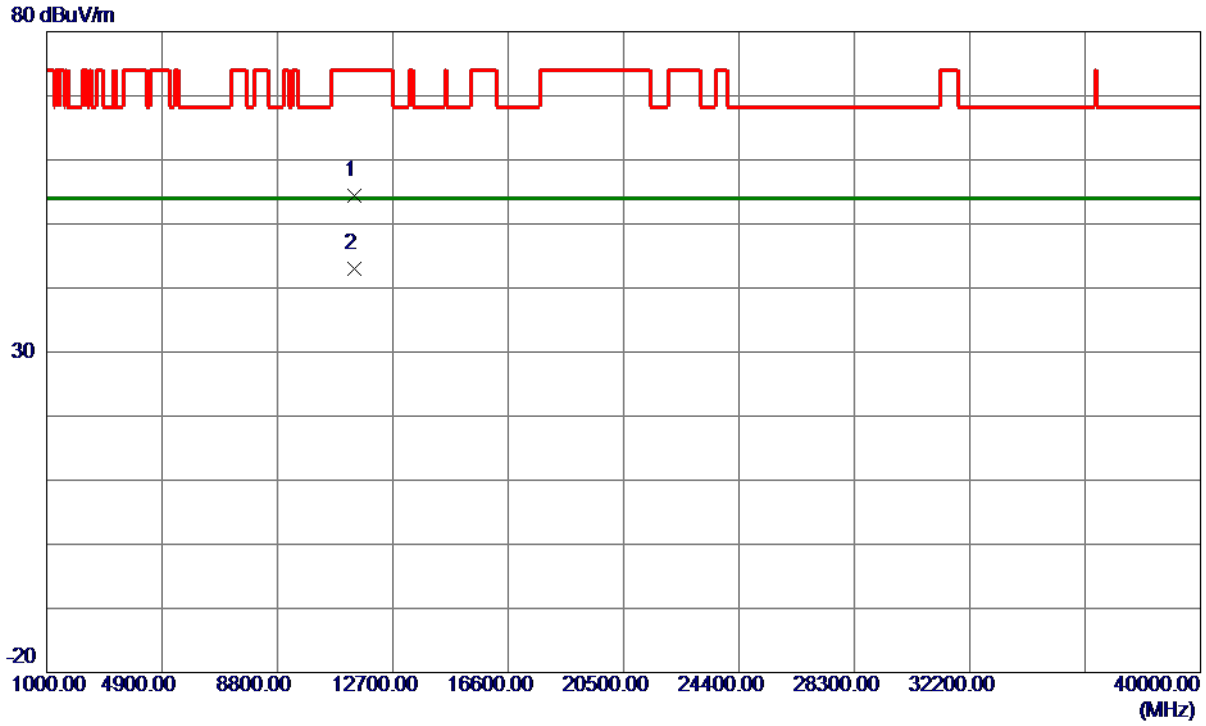


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5701.2000	85.28	15.83	101.11	999.00	-897.89	AVG	No Limit
2 *	5706.4000	92.71	15.84	108.55	68.30	40.25	Peak	No Limit
3	5725.0000	39.09	15.88	54.97	68.30	-13.33	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Vertical

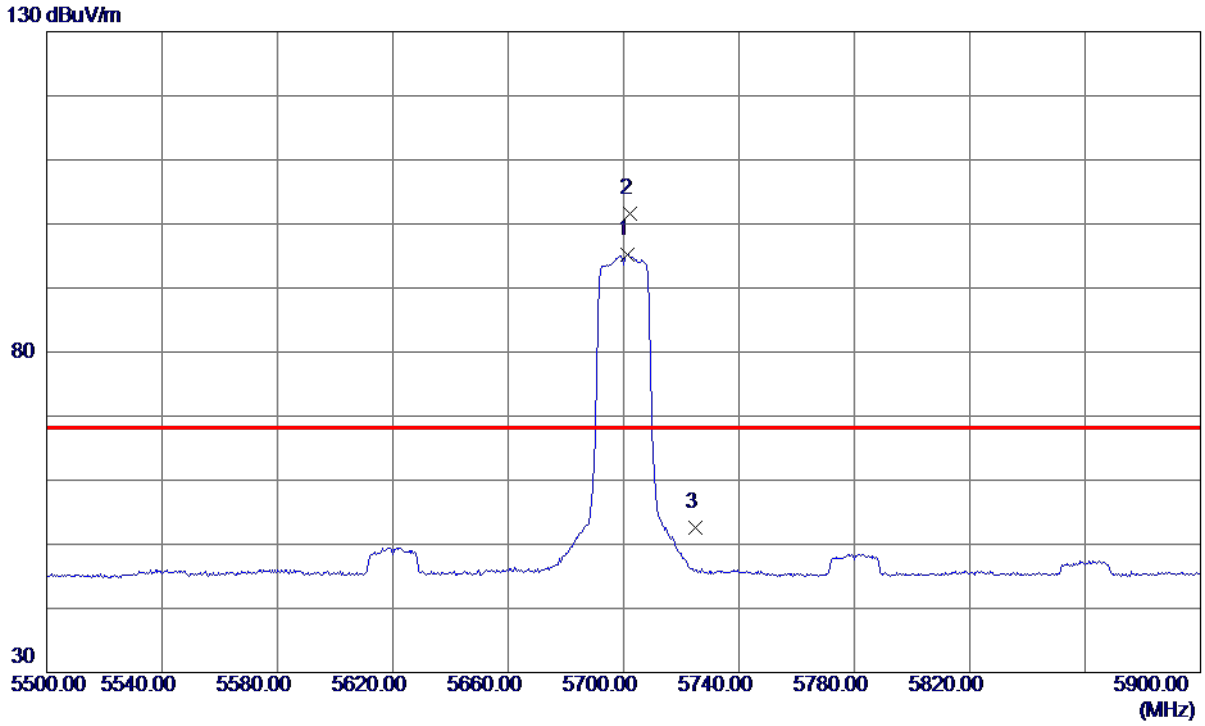


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11401.0000	41.76	12.61	54.37	74.00	-19.63	Peak	
2 *	11401.1500	30.34	12.61	42.95	54.00	-11.05	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Horizontal

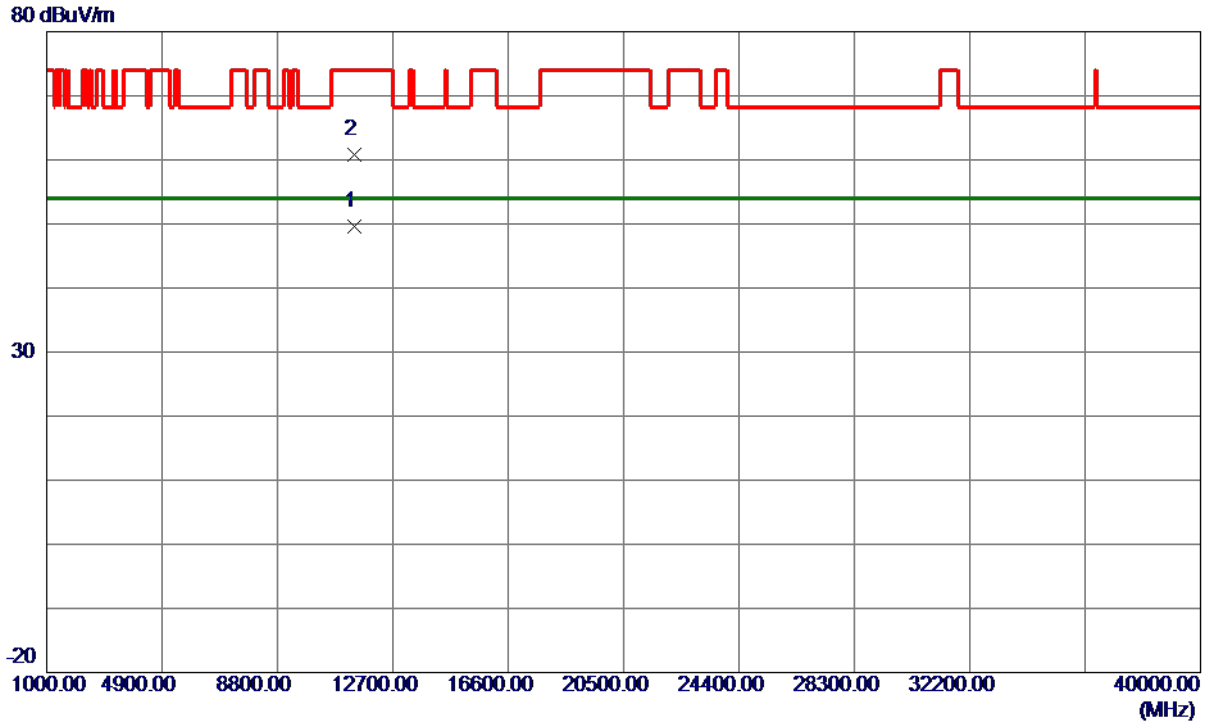


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5701.2000	79.32	15.83	95.15	999.00	-903.85	AVG	No Limit
2 *	5702.4000	85.74	15.83	101.57	68.30	33.27	Peak	No Limit
3	5725.0000	36.68	15.88	52.56	68.30	-15.74	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5700 MHz

Horizontal

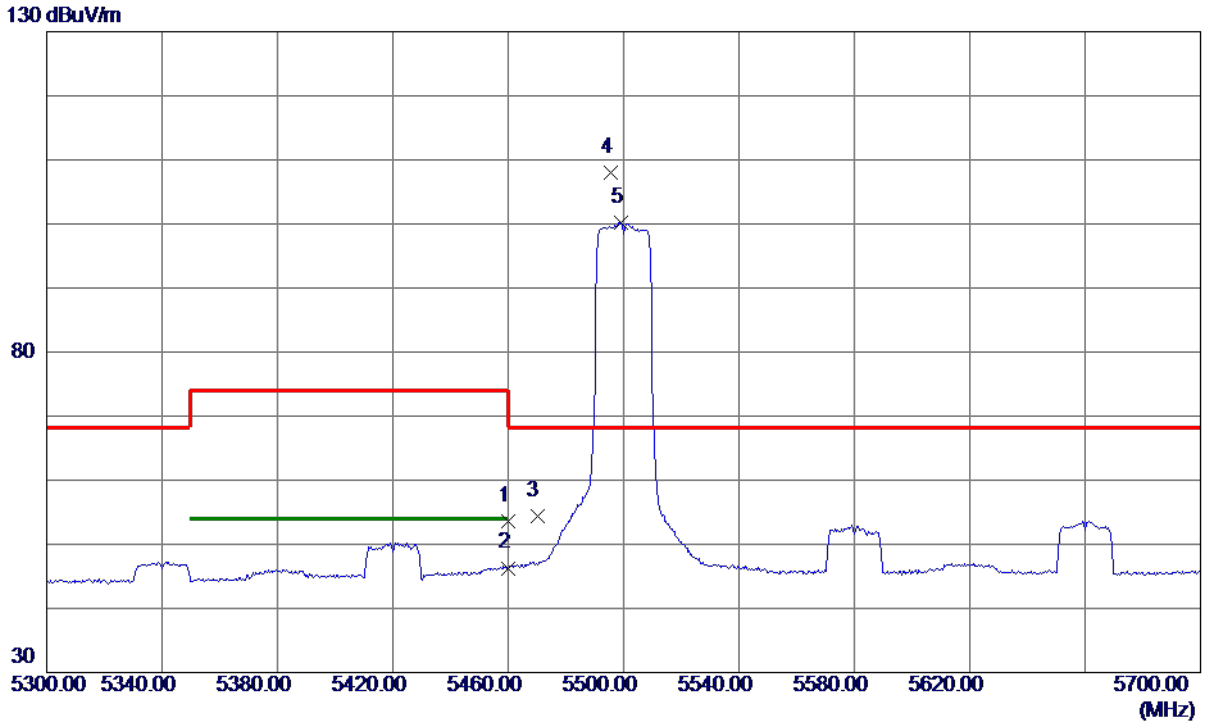


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11401.7500	37.06	12.61	49.67	54.00	-4.33	AVG	
2	11402.7000	48.14	12.61	60.75	74.00	-13.25	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5500 MHz

Vertical

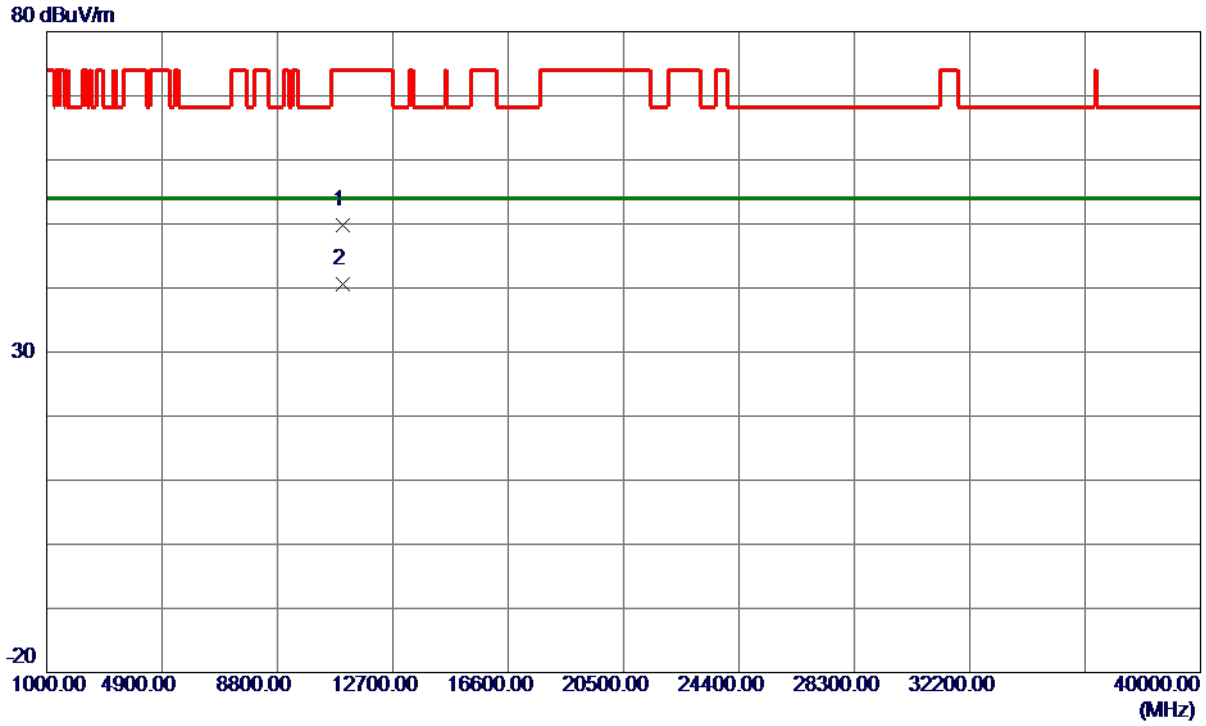


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	38.30	15.29	53.59	74.00	-20.41	Peak	
2	5460.0000	31.01	15.29	46.30	54.00	-7.70	AVG	
3	5470.0000	39.17	15.32	54.49	68.30	-13.81	Peak	
4 *	5495.6000	92.61	15.38	107.99	68.30	39.69	Peak	No Limit
5	5499.2000	84.86	15.39	100.25	999.00	-898.75	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5500 MHz

Vertical

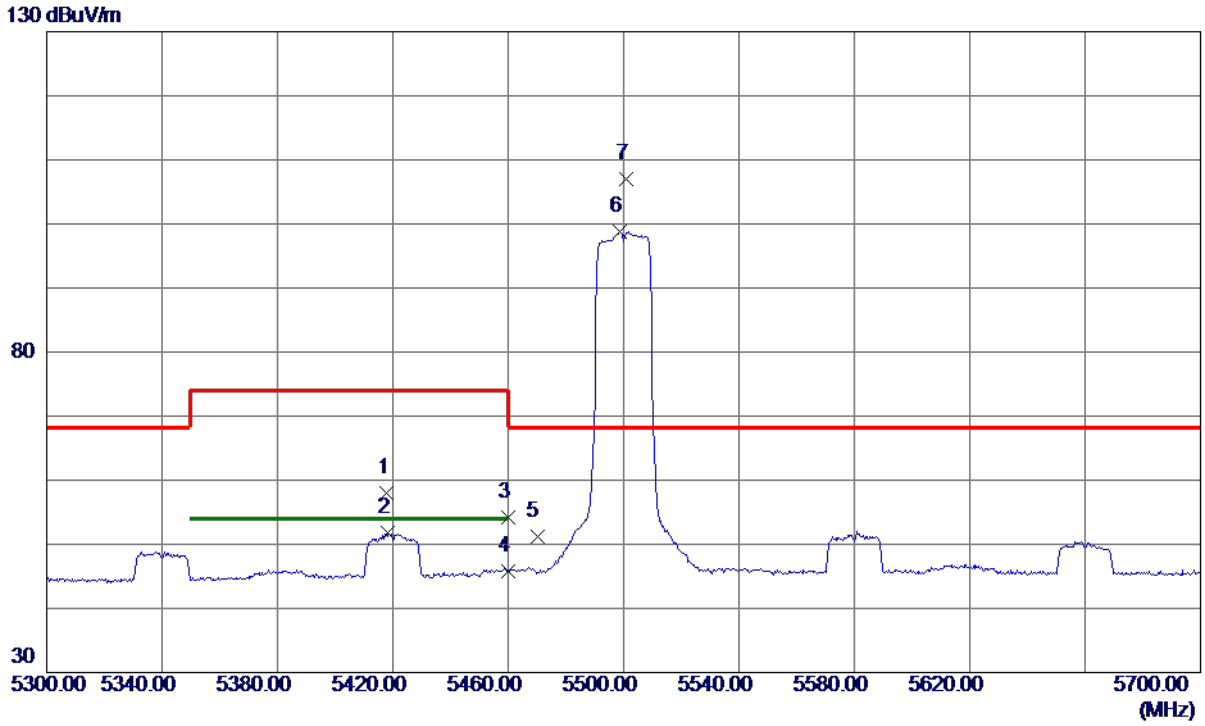


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10991.9500	37.76	11.98	49.74	74.00	-24.26	Peak	
2 *	11000.0000	28.65	11.98	40.63	54.00	-13.37	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5500 MHz

Horizontal

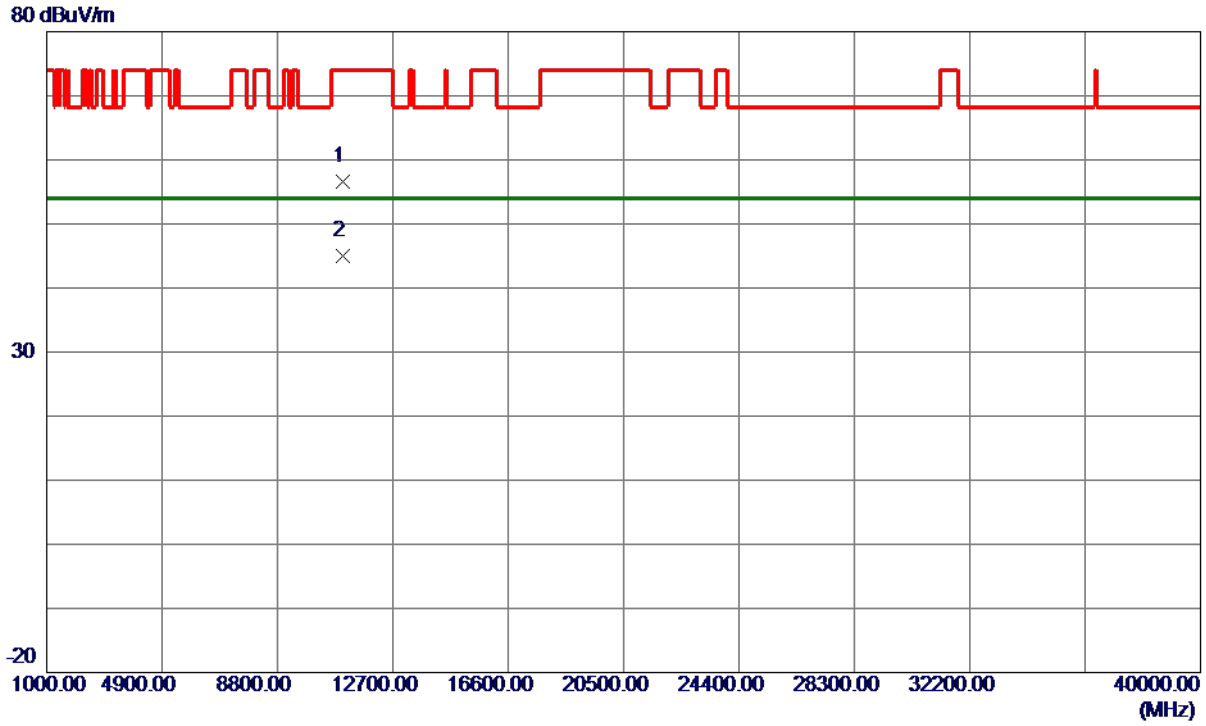


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5418.0000	42.84	15.19	58.03	74.00	-15.97	Peak	
2	5418.4000	36.57	15.19	51.76	54.00	-2.24	AVG	
3	5460.0000	38.89	15.29	54.18	74.00	-19.82	Peak	
4	5460.0000	30.52	15.29	45.81	54.00	-8.19	AVG	
5	5470.0000	35.84	15.32	51.16	68.30	-17.14	Peak	
6	5498.8000	83.50	15.39	98.89	999.00	-900.11	AVG	No Limit
7 *	5500.8000	91.58	15.40	106.98	68.30	38.68	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5500 MHz

Horizontal

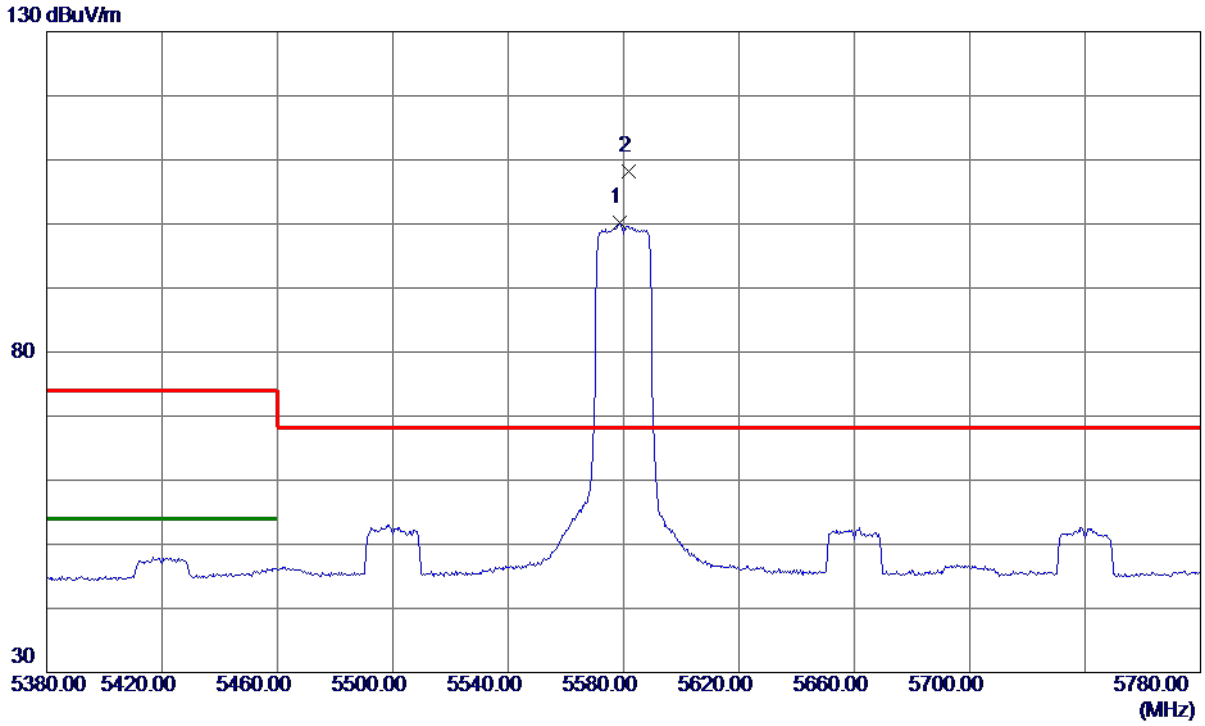


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10998.7000	44.69	11.98	56.67	74.00	-17.33	Peak	
2 *	11001.1500	33.11	11.98	45.09	54.00	-8.91	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5580 MHz

Vertical

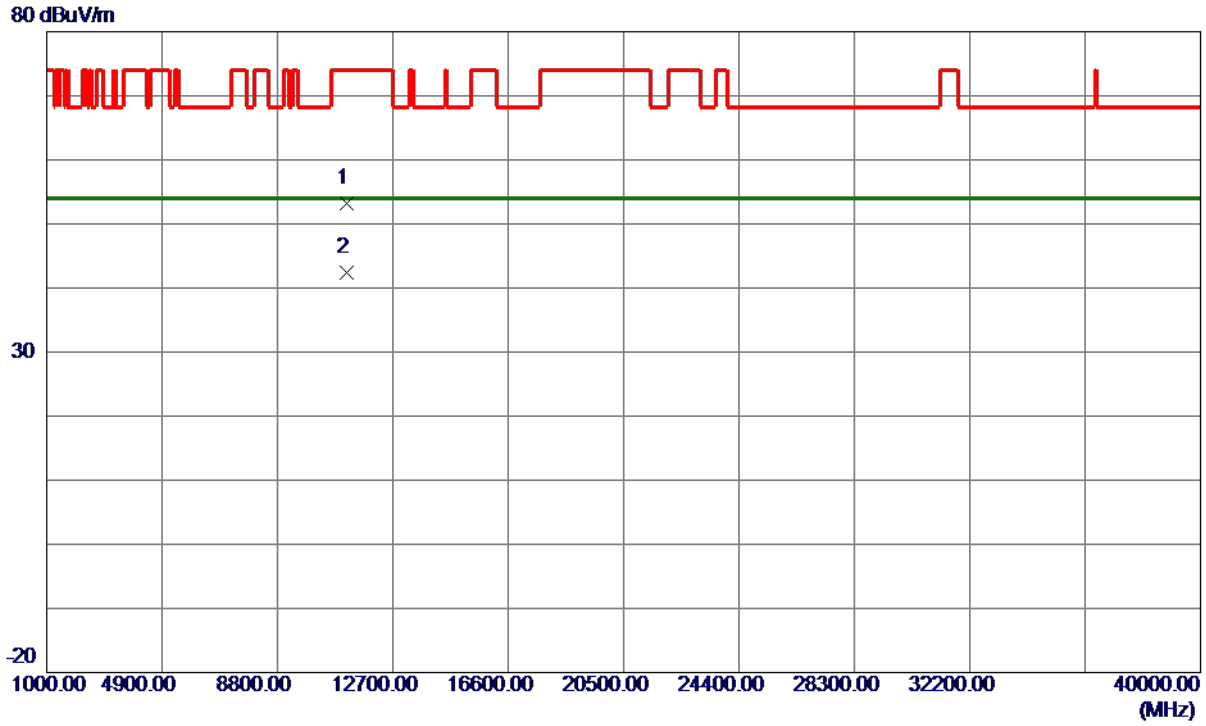


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5578.8000	84.66	15.57	100.23	999.00	-898.77	AVG	No Limit
2 *	5581.6000	92.56	15.57	108.13	68.30	39.83	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5580 MHz

Vertical

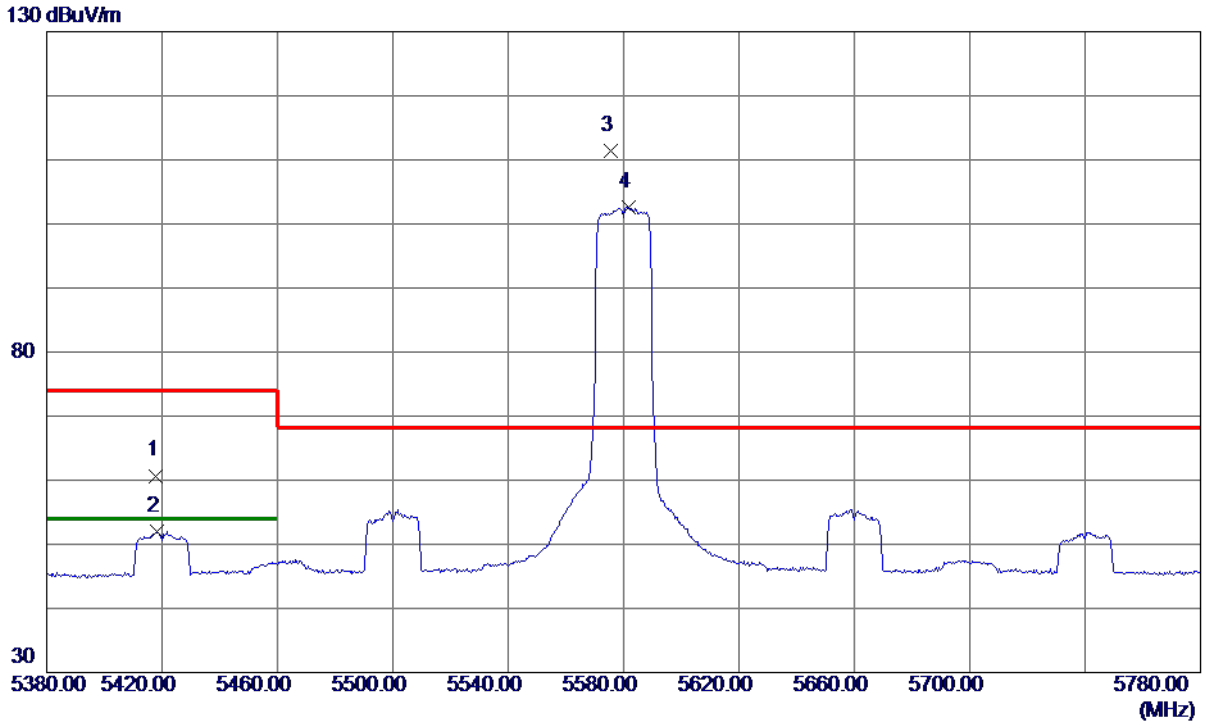


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11158.7000	40.99	12.23	53.22	74.00	-20.78	Peak	
2 *	11159.9000	30.24	12.23	42.47	54.00	-11.53	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5580 MHz

Horizontal

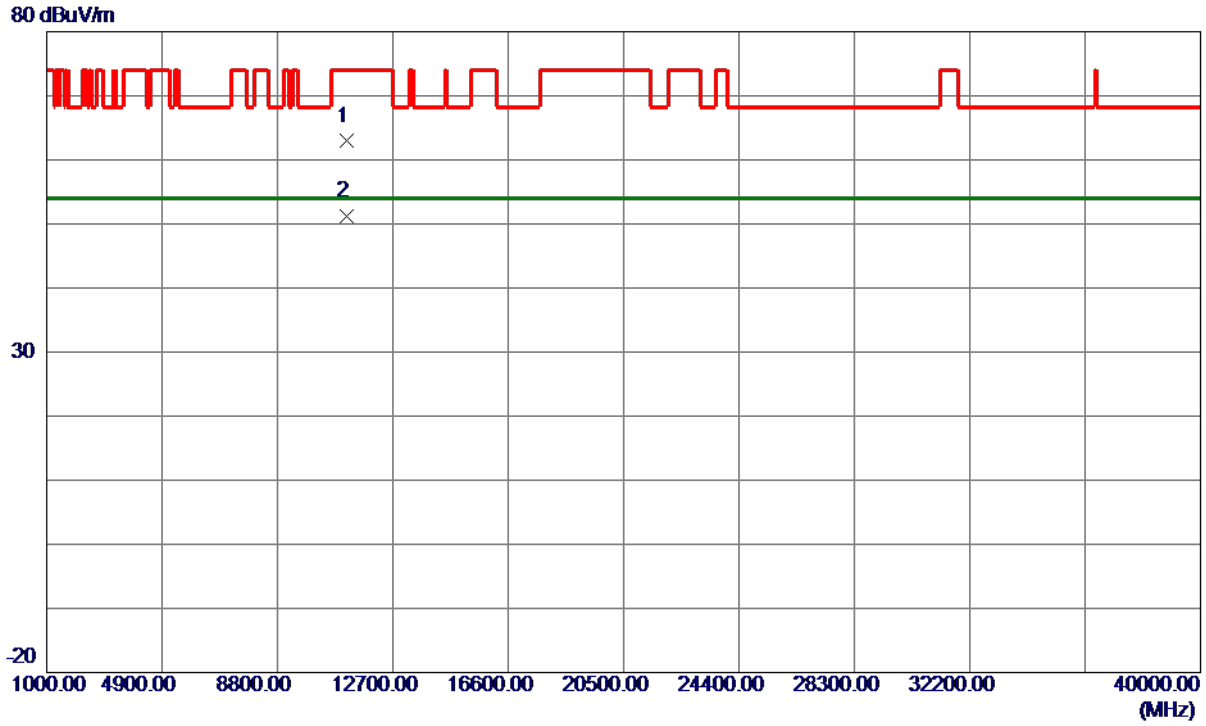


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5418.0000	45.51	15.19	60.70	74.00	-13.30	Peak	
2	5418.4000	36.76	15.19	51.95	54.00	-2.05	AVG	
3 *	5575.6000	95.81	15.56	111.37	68.30	43.07	Peak	No Limit
4	5581.6000	87.12	15.57	102.69	999.00	-896.31	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5580 MHz

Horizontal

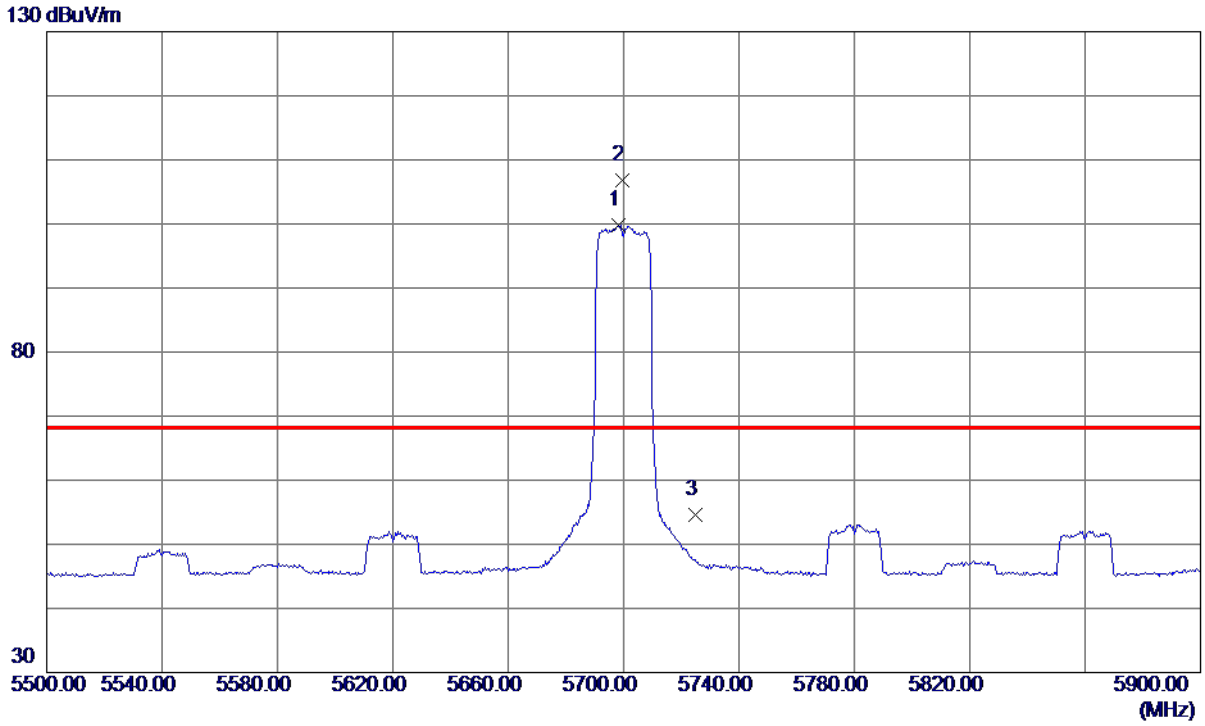


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11158.9000	50.67	12.23	62.90	74.00	-11.10	Peak	
2 *	11160.0000	39.04	12.23	51.27	54.00	-2.73	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5700 MHz

Vertical

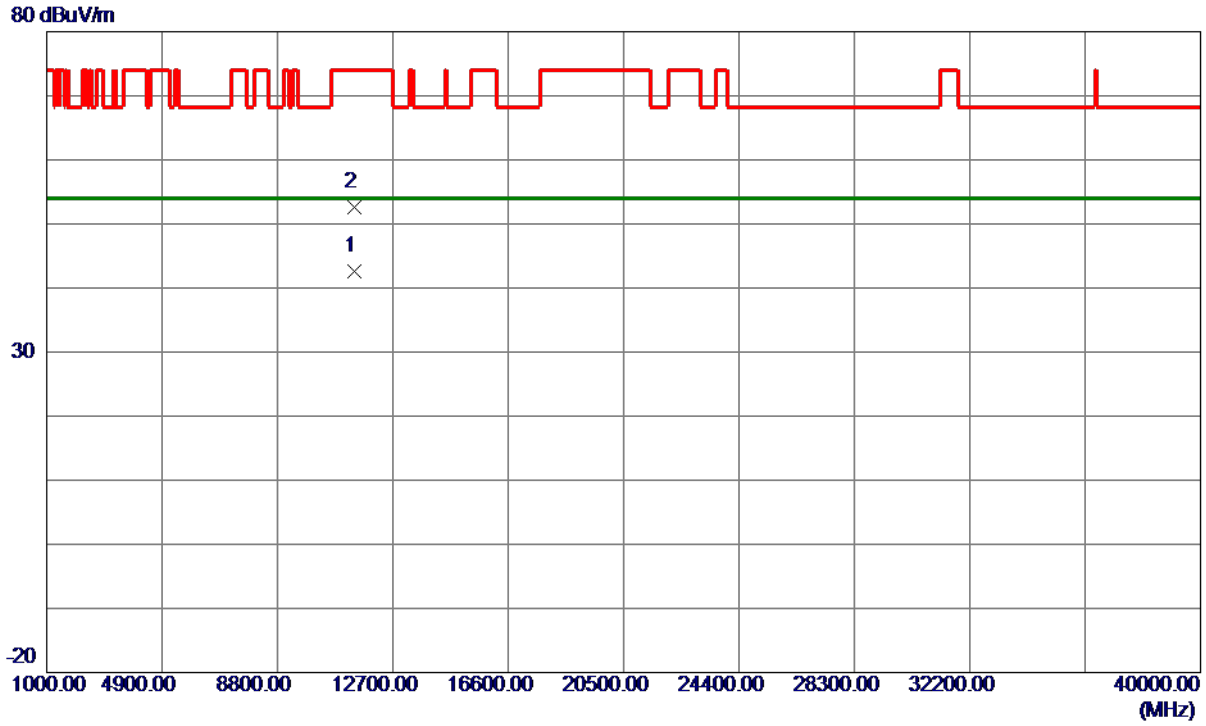


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5698.4000	84.06	15.83	99.89	999.00	-899.11	AVG	No Limit
2 *	5699.6000	90.93	15.83	106.76	68.30	38.46	Peak	No Limit
3	5725.0000	38.67	15.88	54.55	68.30	-13.75	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5700 MHz

Vertical

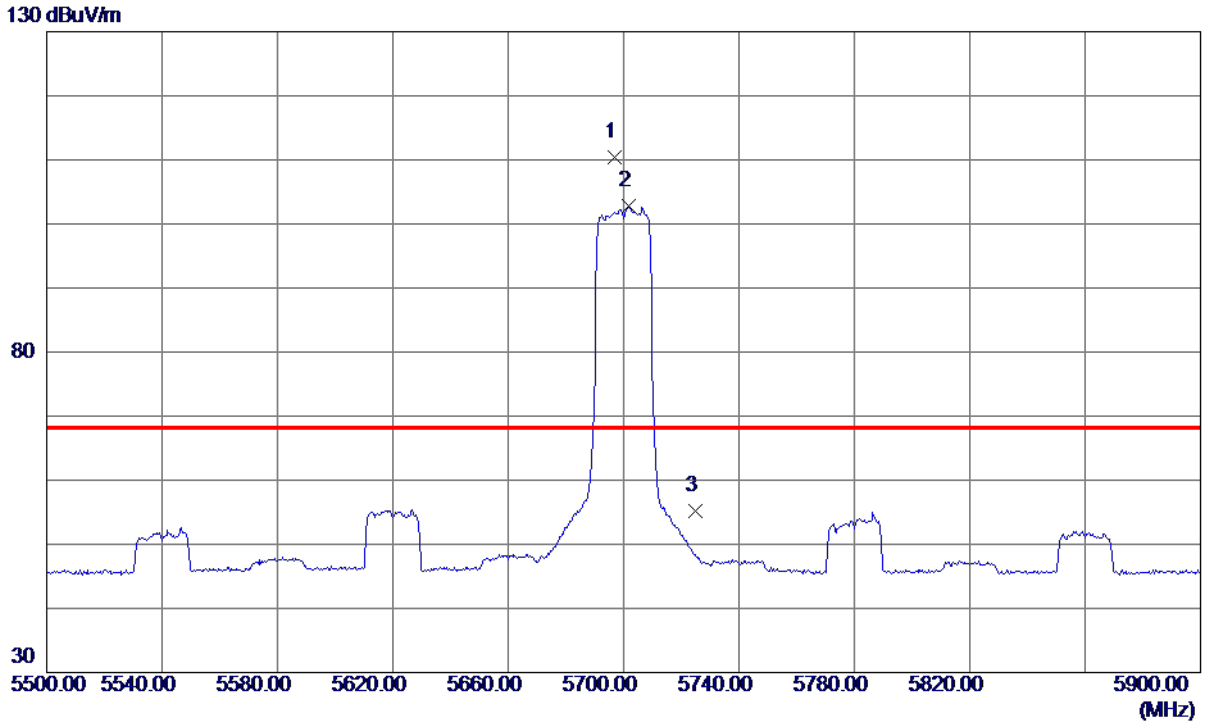


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11400.3000	29.95	12.61	42.56	54.00	-11.44	AVG	
2	11401.1500	39.92	12.61	52.53	74.00	-21.47	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5700 MHz

Horizontal

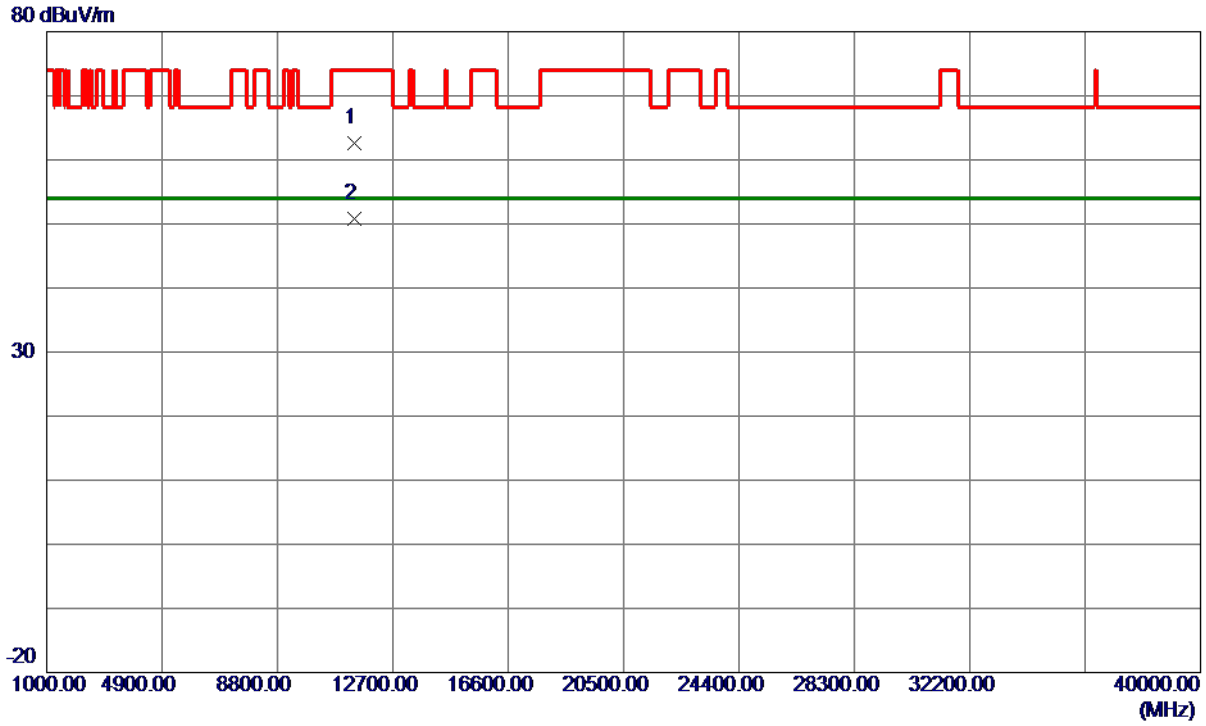


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5696.8000	94.50	15.82	110.32	68.30	42.02	Peak	No Limit
2	5701.6000	86.94	15.83	102.77	999.00	-896.23	AVG	No Limit
3	5725.0000	39.34	15.88	55.22	68.30	-13.08	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5700 MHz

Horizontal

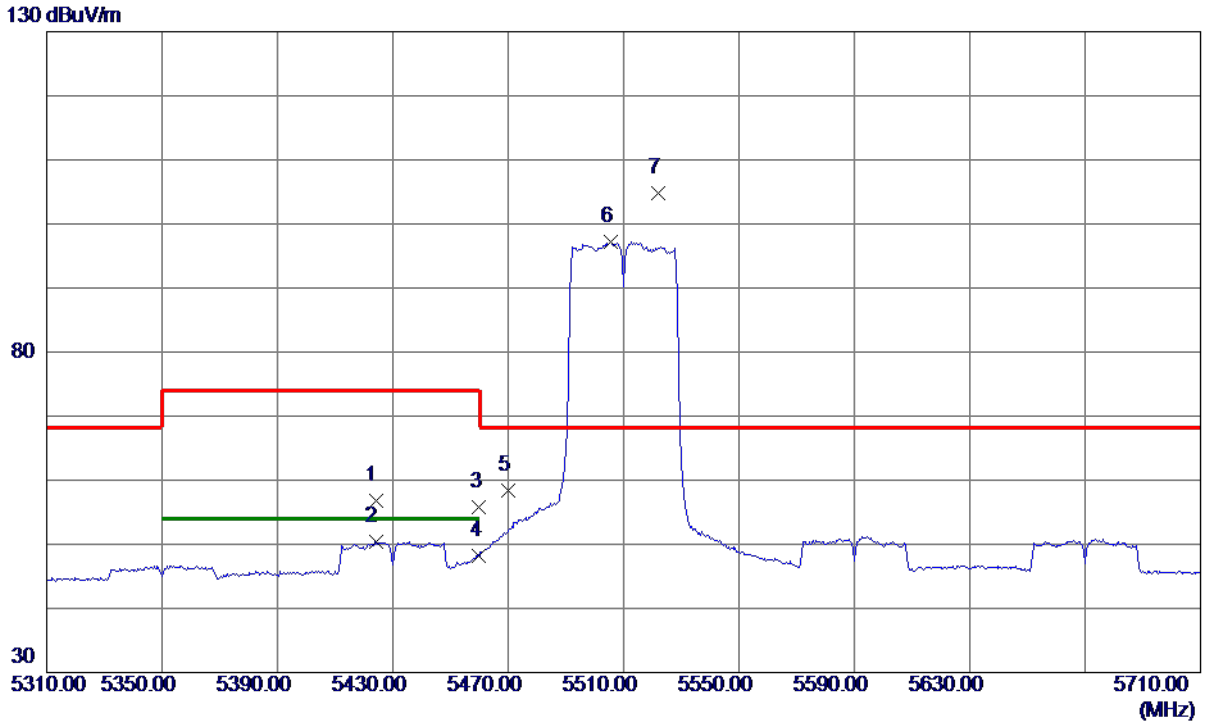


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11398.8500	49.90	12.61	62.51	74.00	-11.49	Peak	
2 *	11400.0500	38.21	12.61	50.82	54.00	-3.18	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5510 MHz

Vertical

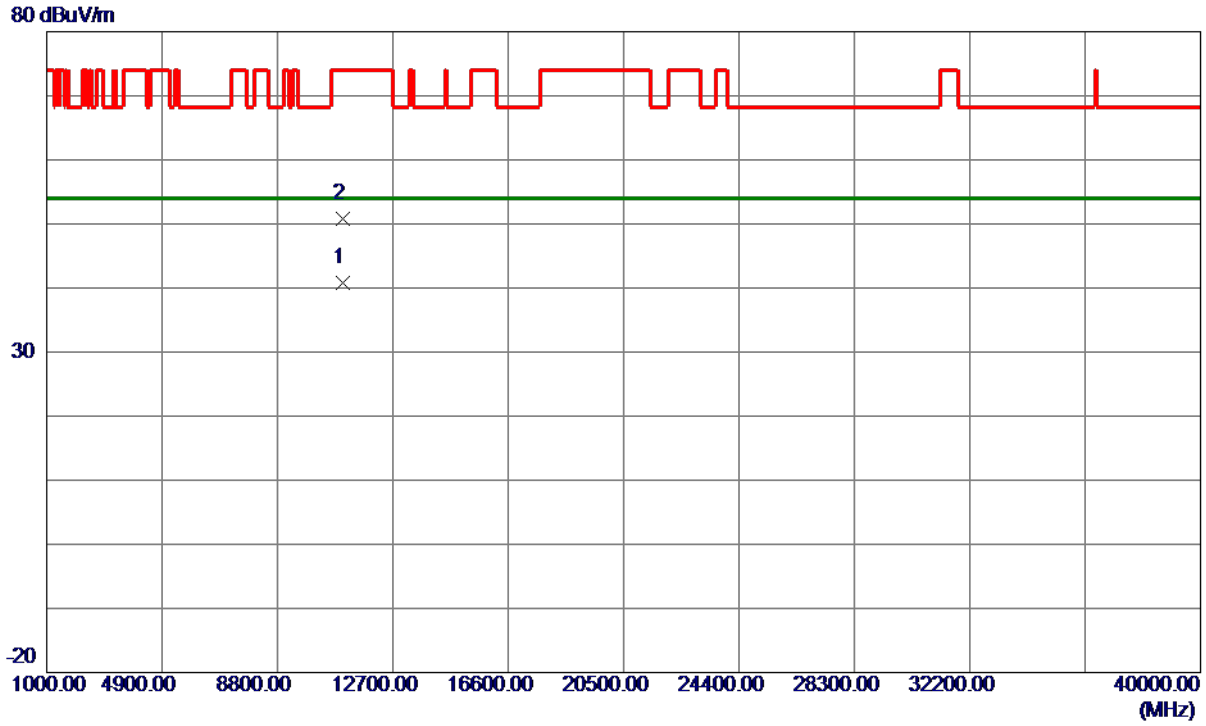


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5424.0000	41.58	15.20	56.78	74.00	-17.22	Peak	
2	5424.0000	35.15	15.20	50.35	54.00	-3.65	AVG	
3	5460.0000	40.52	15.29	55.81	74.00	-18.19	Peak	
4	5460.0000	32.95	15.29	48.24	54.00	-5.76	AVG	
5	5470.0000	43.09	15.32	58.41	68.30	-9.89	Peak	
6	5505.6000	81.88	15.41	97.29	999.00	-901.71	AVG	No Limit
7 *	5522.0000	89.29	15.44	104.73	68.30	36.43	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5510 MHz

Vertical

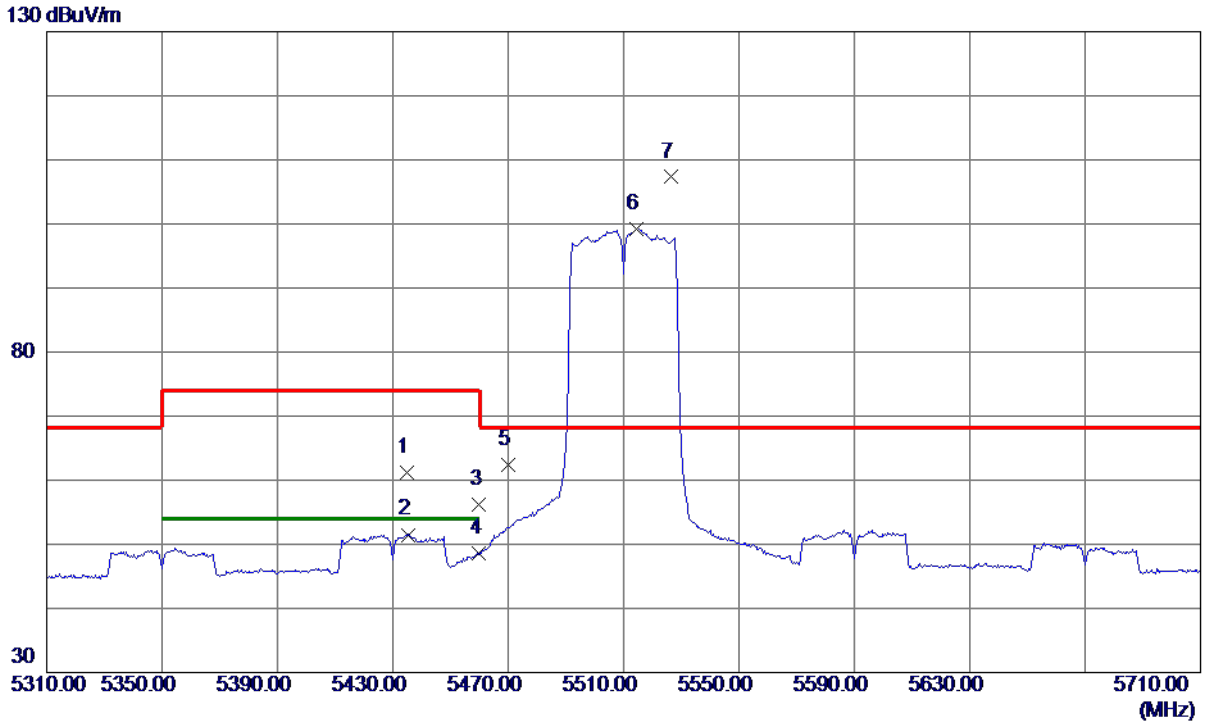


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11019.9200	28.72	12.01	40.73	54.00	-13.27	AVG	
2	11020.3500	38.74	12.01	50.75	74.00	-23.25	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5510 MHz

Horizontal

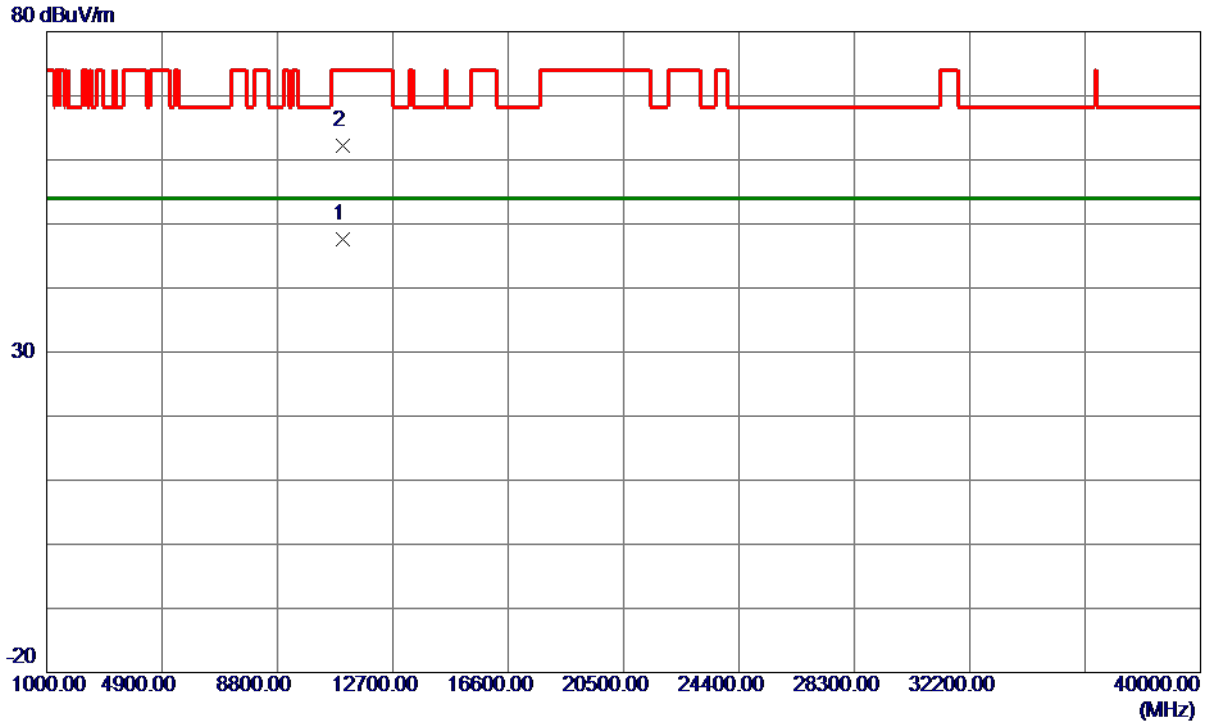


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5435.0000	45.99	15.23	61.22	74.00	-12.78	Peak	
2	5435.2000	36.27	15.23	51.50	54.00	-2.50	AVG	
3	5460.0000	40.88	15.29	56.17	74.00	-17.83	Peak	
4	5460.0000	33.25	15.29	48.54	54.00	-5.46	AVG	
5	5470.0000	47.11	15.32	62.43	68.30	-5.87	Peak	
6	5514.4000	83.70	15.43	99.13	999.00	-899.87	AVG	No Limit
7 *	5526.4000	91.85	15.45	107.30	68.30	39.00	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5510 MHz

Horizontal

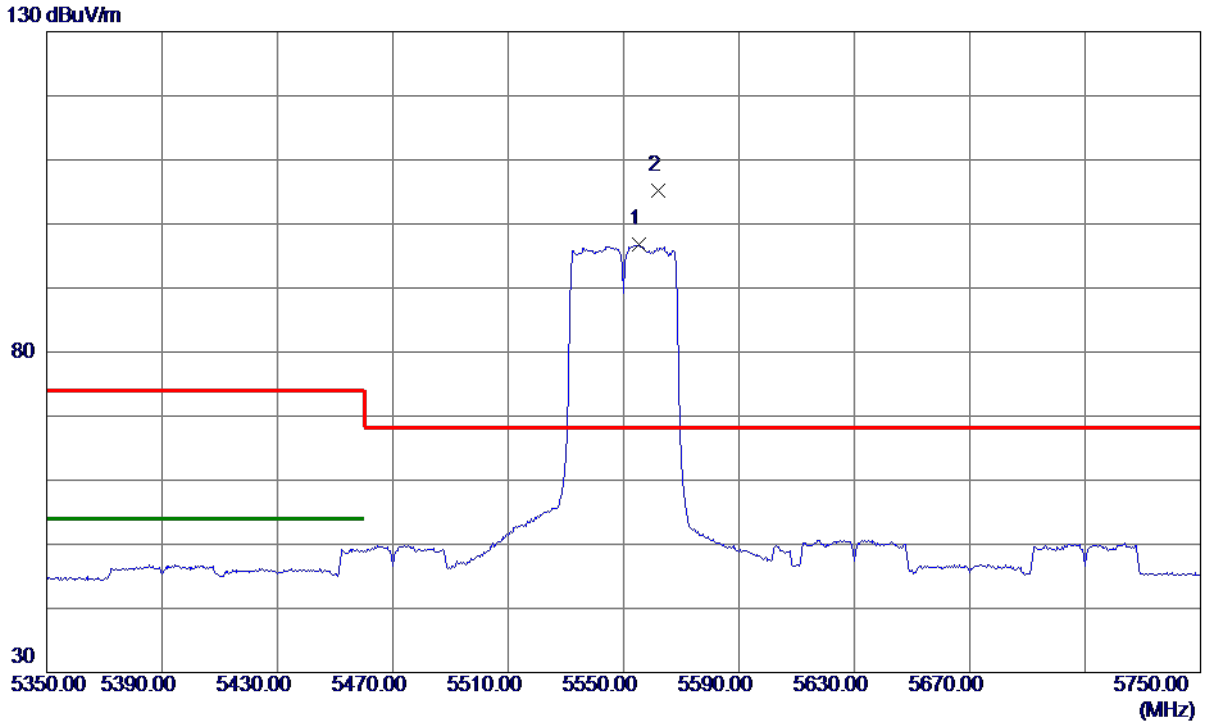


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11018.5800	35.68	12.01	47.69	54.00	-6.31	AVG	
2	11018.8200	50.28	12.01	62.29	74.00	-11.71	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5550 MHz

Vertical

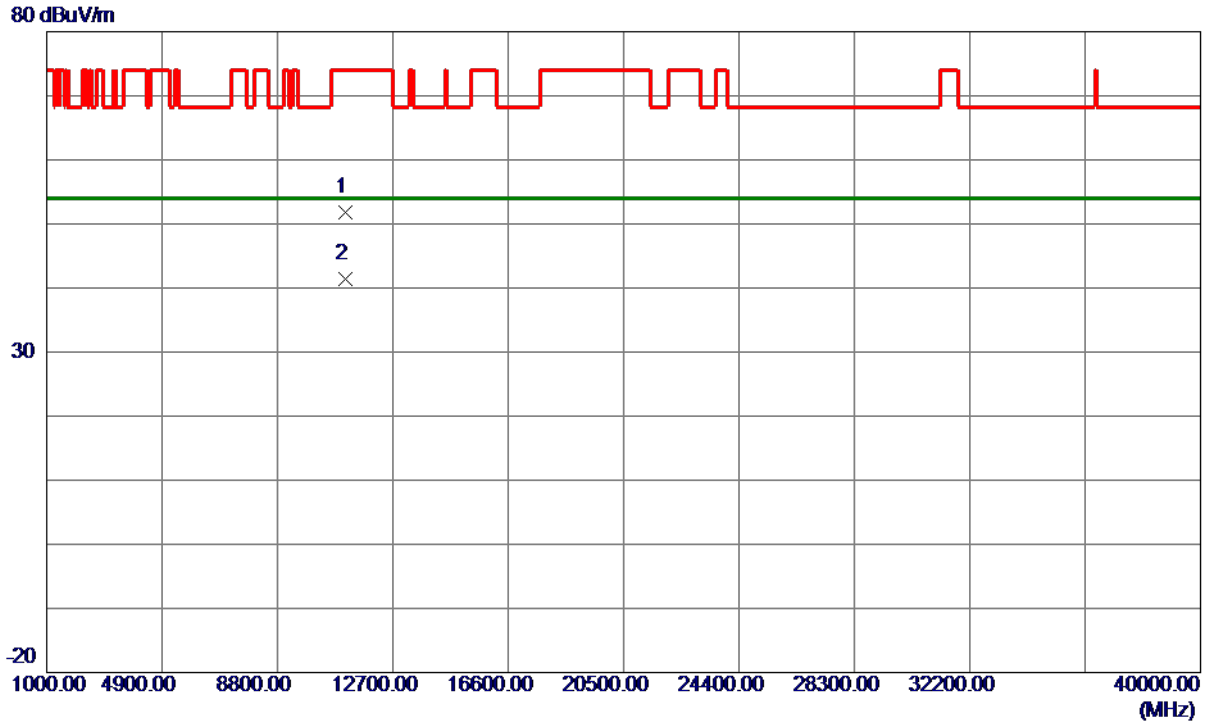


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5555.2000	81.25	15.51	96.76	999.00	-902.24	AVG	No Limit
2 *	5562.0000	89.64	15.53	105.17	68.30	36.87	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5550 MHz

Vertical

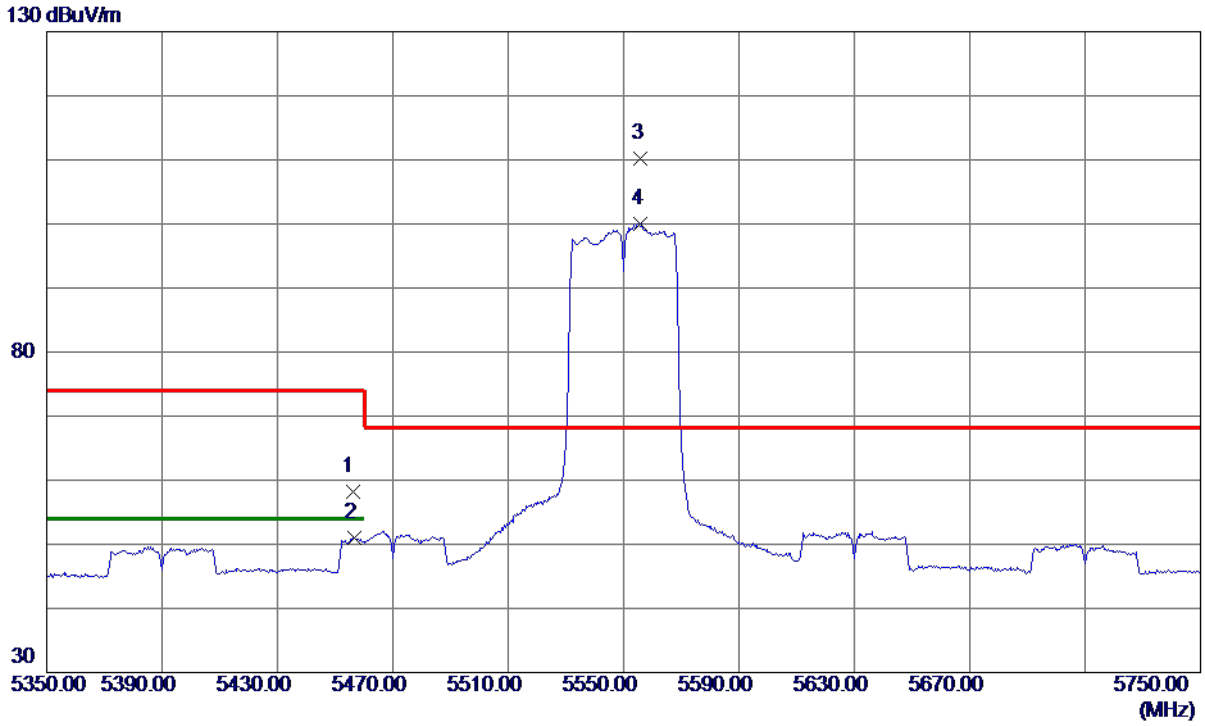


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11098.7000	39.59	12.13	51.72	74.00	-22.28	Peak	
2 *	11100.1400	29.23	12.14	41.37	54.00	-12.63	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5550 MHz

Horizontal

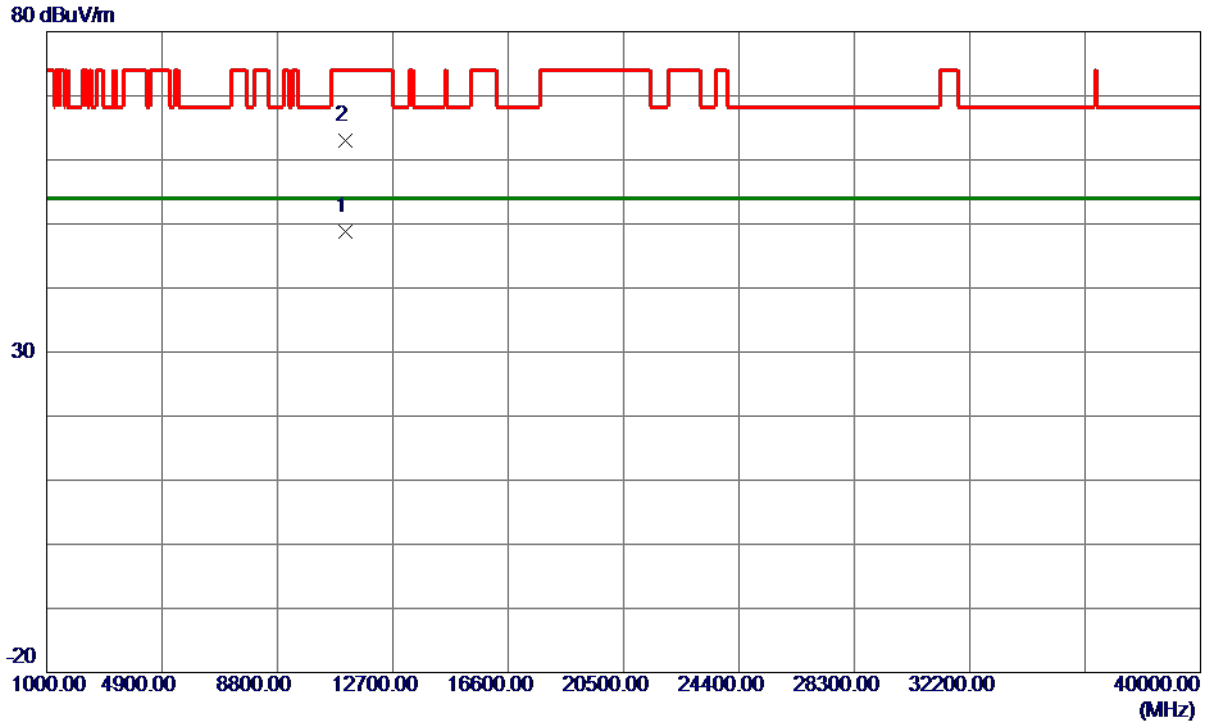


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5456.0000	42.85	15.28	58.13	74.00	-15.87	Peak	
2	5456.8000	35.79	15.29	51.08	54.00	-2.92	AVG	
3 *	5556.0000	94.62	15.52	110.14	68.30	41.84	Peak	No Limit
4	5556.0000	84.42	15.52	99.94	999.00	-899.06	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5550 MHz

Horizontal

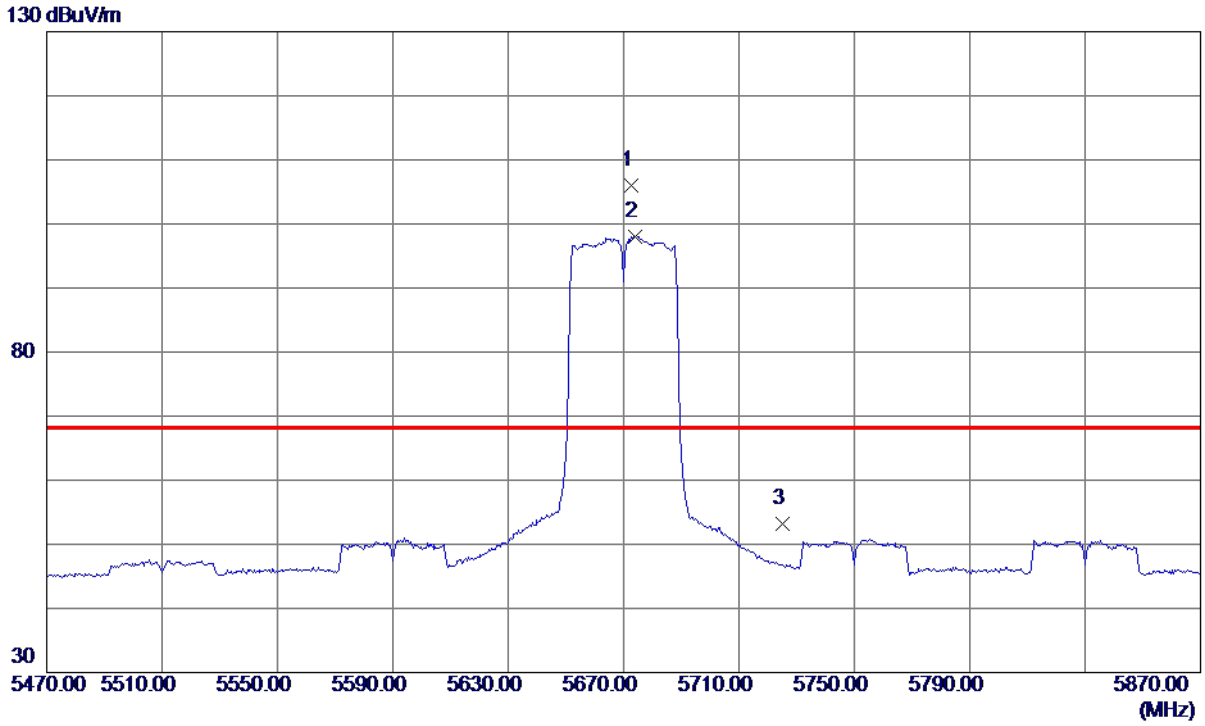


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11098.6100	36.71	12.13	48.84	54.00	-5.16	AVG	
2	11098.8600	50.83	12.14	62.97	74.00	-11.03	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5670 MHz

Vertical

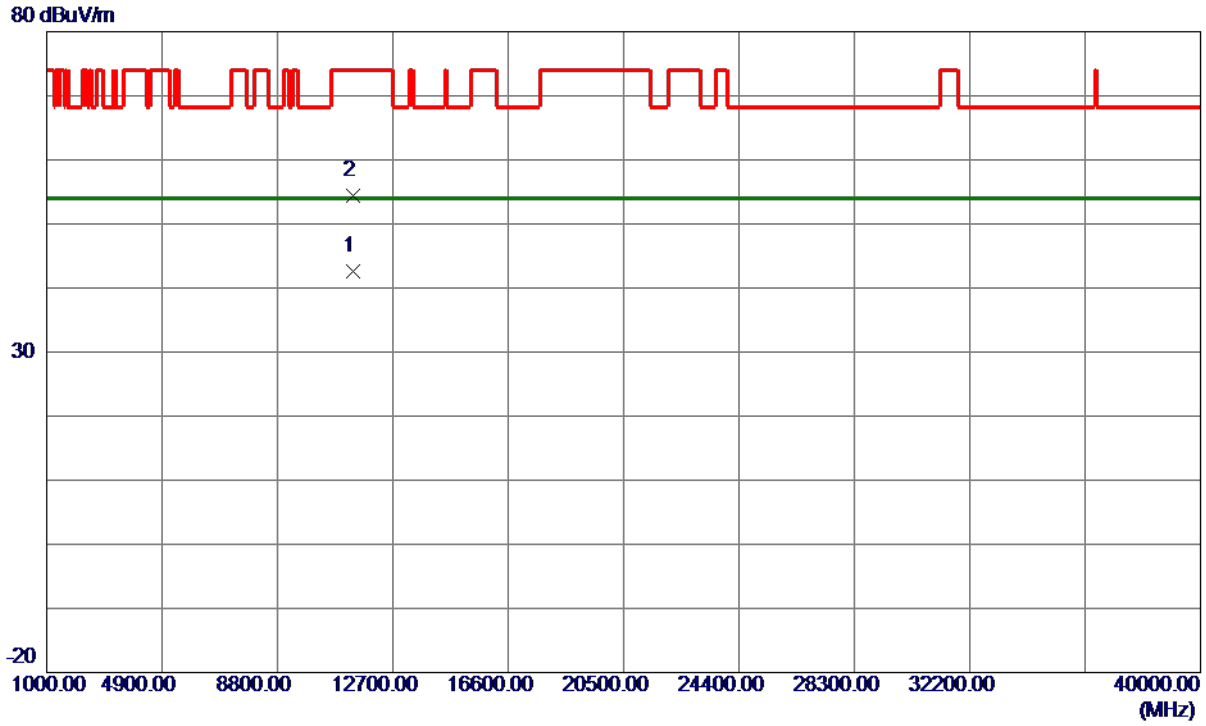


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5672.8000	90.29	15.77	106.06	68.30	37.76	Peak	No Limit
2	5674.0000	82.29	15.77	98.06	999.00	-900.94	AVG	No Limit
3	5725.0000	37.24	15.88	53.12	68.30	-15.18	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5670 MHz

Vertical

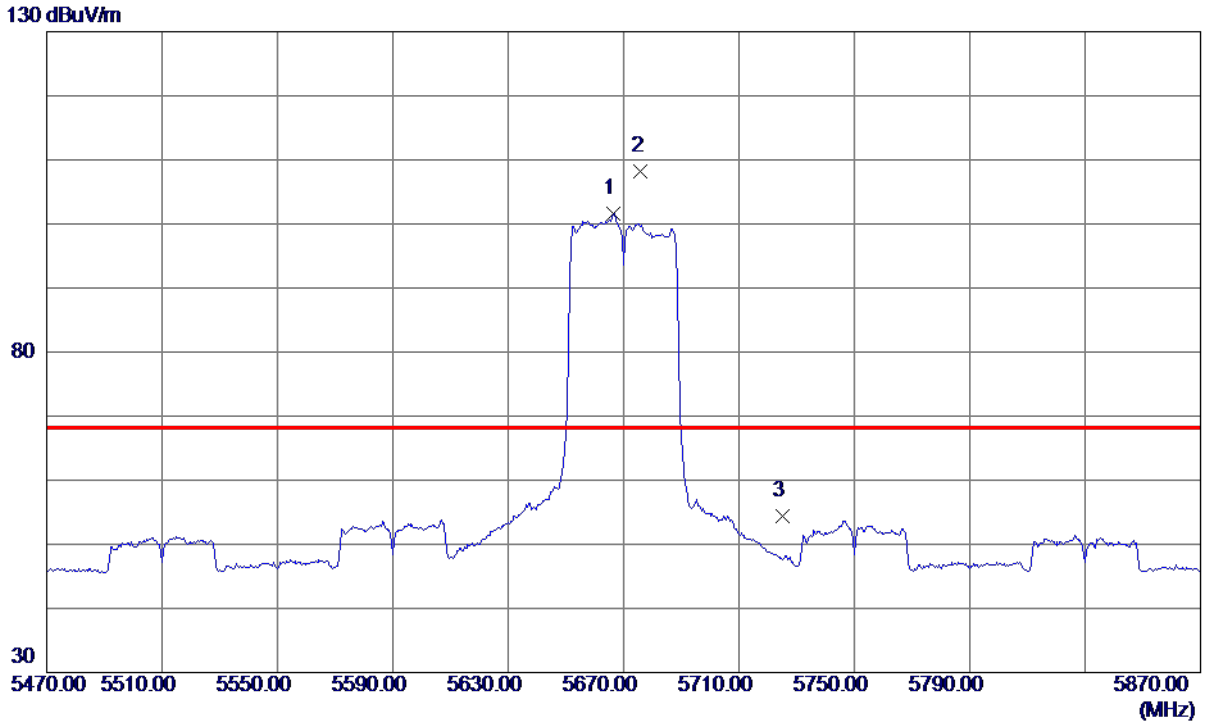


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11338.6800	30.05	12.51	42.56	54.00	-11.44	AVG	
2	11339.8000	41.87	12.51	54.38	74.00	-19.62	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5670 MHz

Horizontal

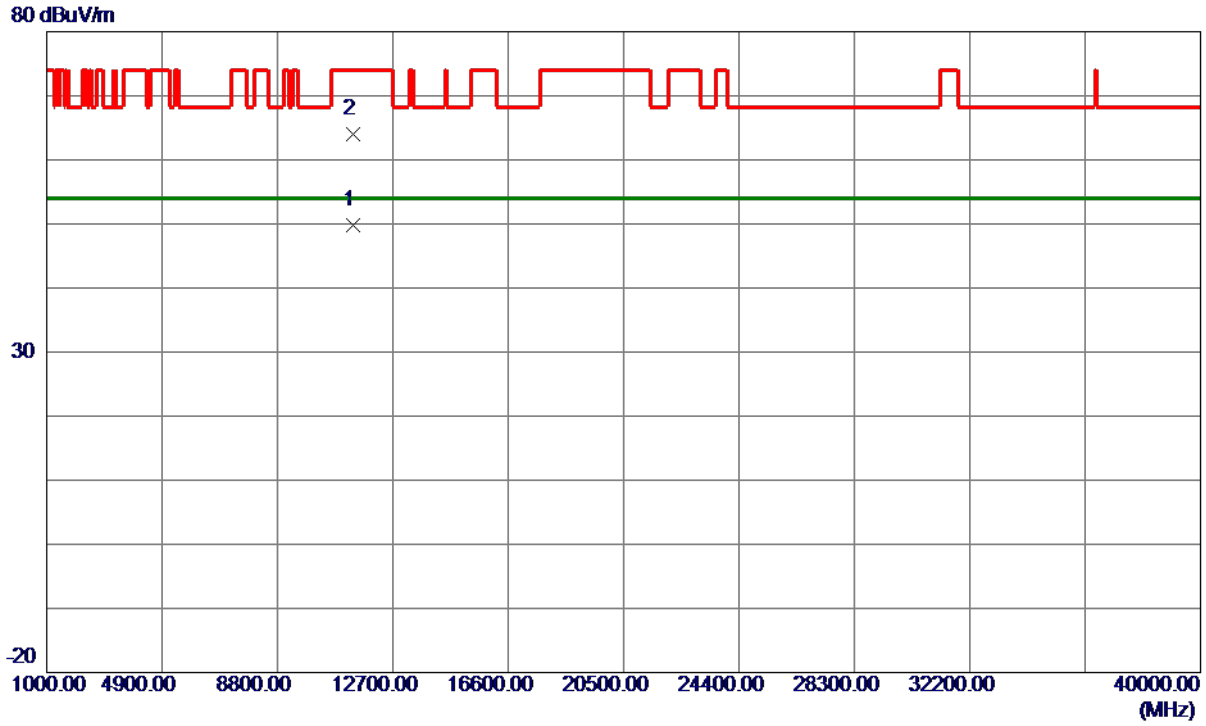


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5666.4000	85.86	15.76	101.62	999.00	-897.38	AVG	No Limit
2 *	5676.0000	92.49	15.78	108.27	68.30	39.97	Peak	No Limit
3	5725.0000	38.61	15.88	54.49	68.30	-13.81	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5670 MHz

Horizontal

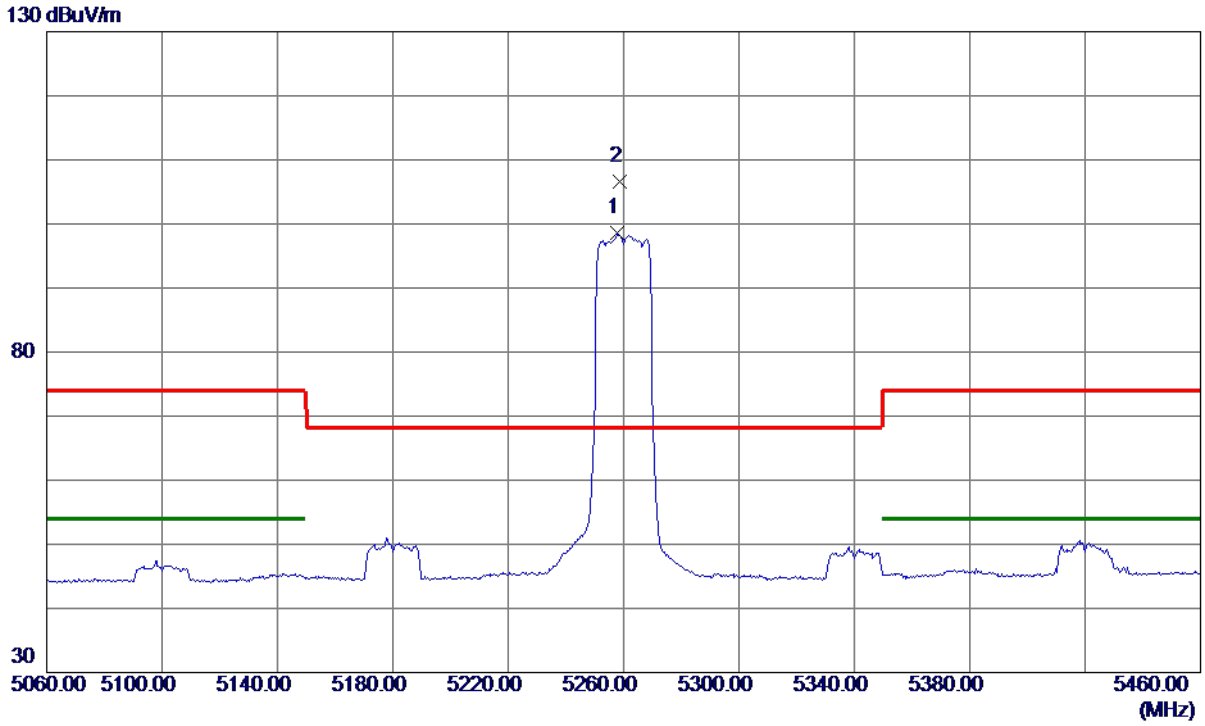


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11338.5400	37.28	12.51	49.79	54.00	-4.21	AVG	
2	11338.5700	51.40	12.51	63.91	74.00	-10.09	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Vertical

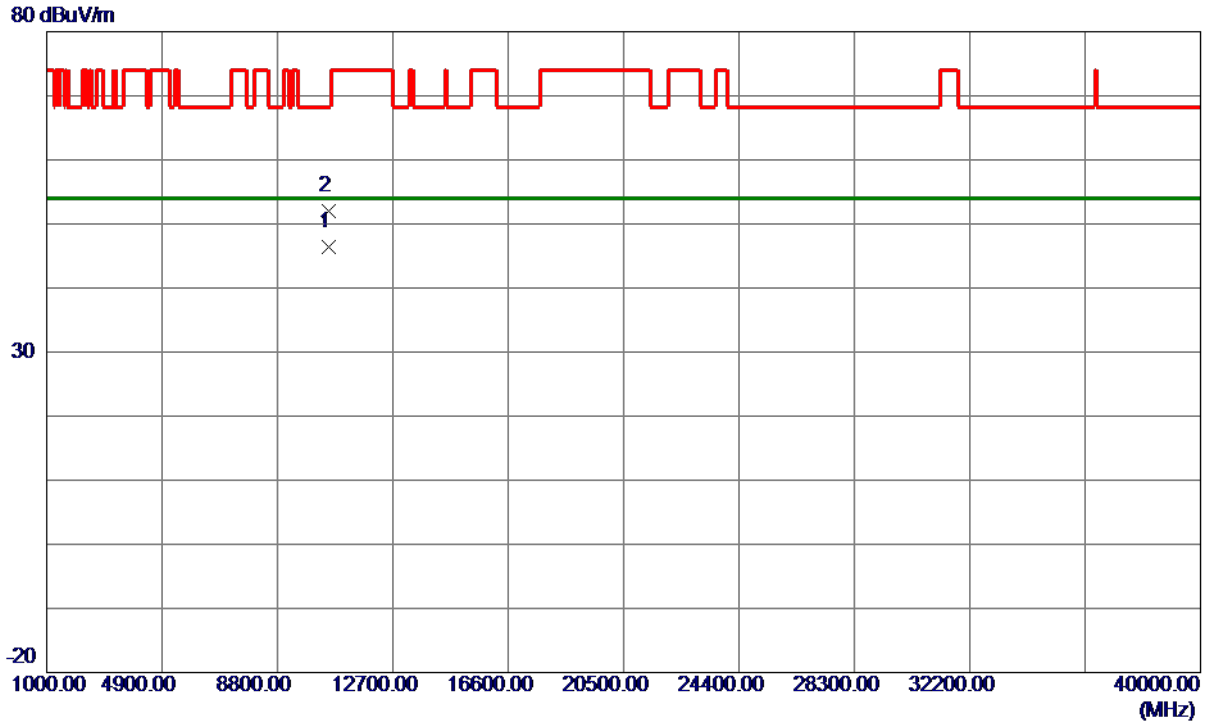


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5257.6000	83.80	14.78	98.58	999.00	-900.42	AVG	No Limit
2 *	5258.8000	91.78	14.78	106.56	68.30	38.26	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Vertical

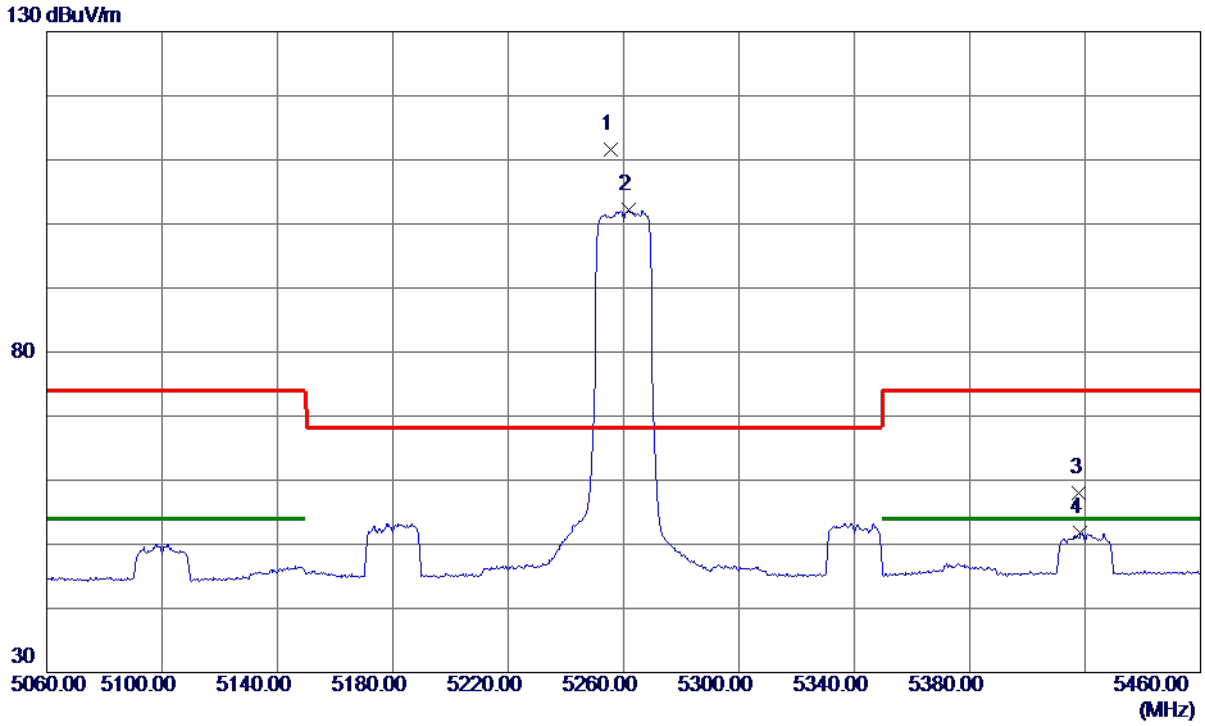


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10518.7539	34.63	11.72	46.35	54.00	-7.65	AVG	
2	10518.8500	40.21	11.72	51.93	68.30	-16.37	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Horizontal

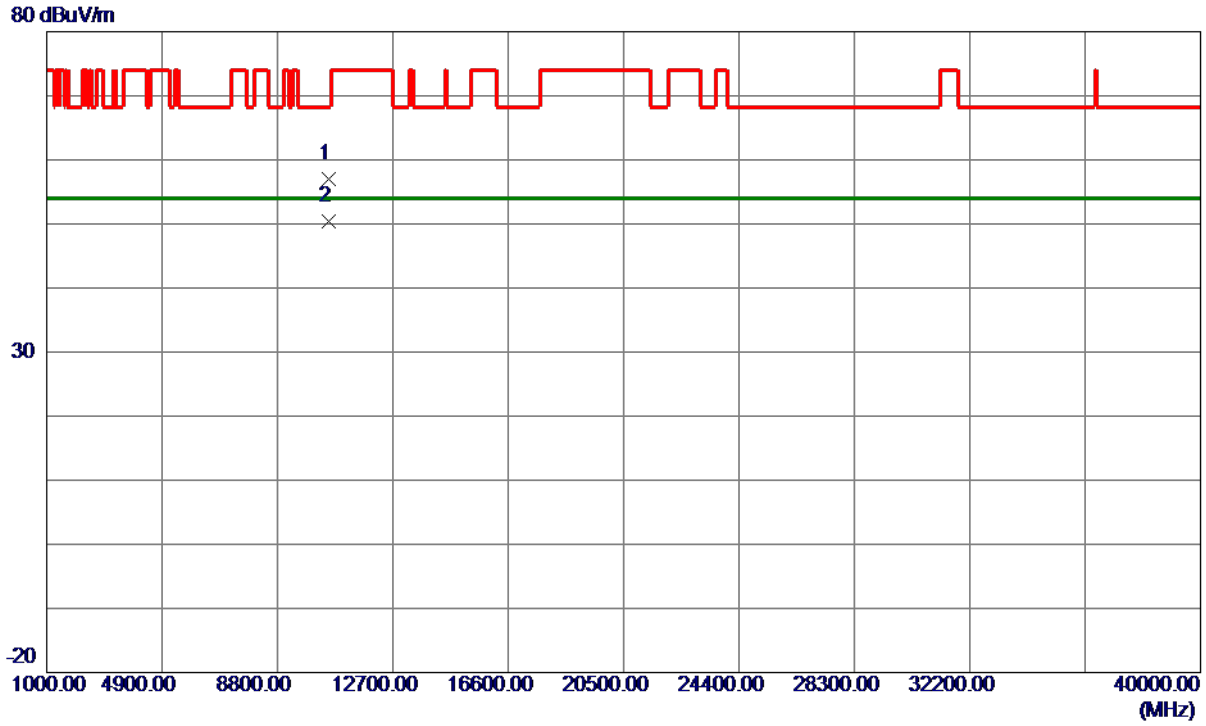


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5255.6000	96.81	14.78	111.59	68.30	43.29	Peak	No Limit
2	5261.6000	87.39	14.79	102.18	999.00	-896.82	AVG	No Limit
3	5418.0000	42.73	15.19	57.92	74.00	-16.08	Peak	
4	5418.4000	36.59	15.19	51.78	54.00	-2.22	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5260 MHz

Horizontal

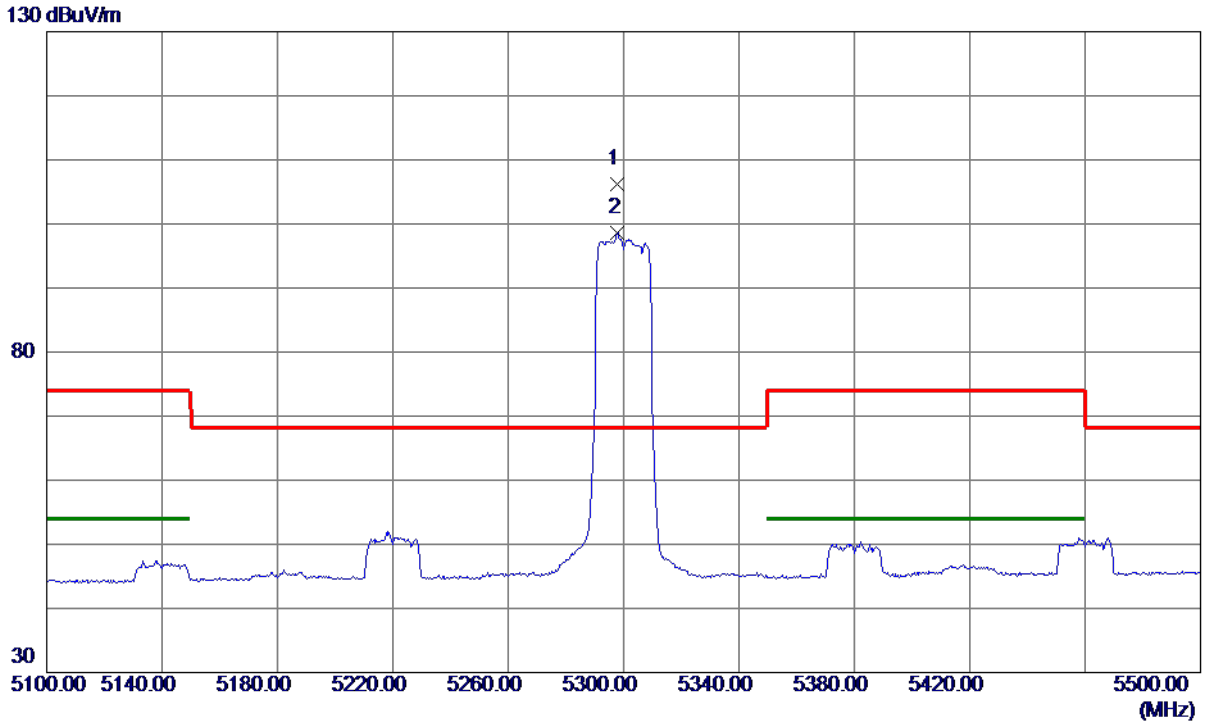


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10518.5000	45.27	11.72	56.99	68.30	-11.31	Peak	
2 *	10518.7770	38.72	11.72	50.44	54.00	-3.56	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Vertical

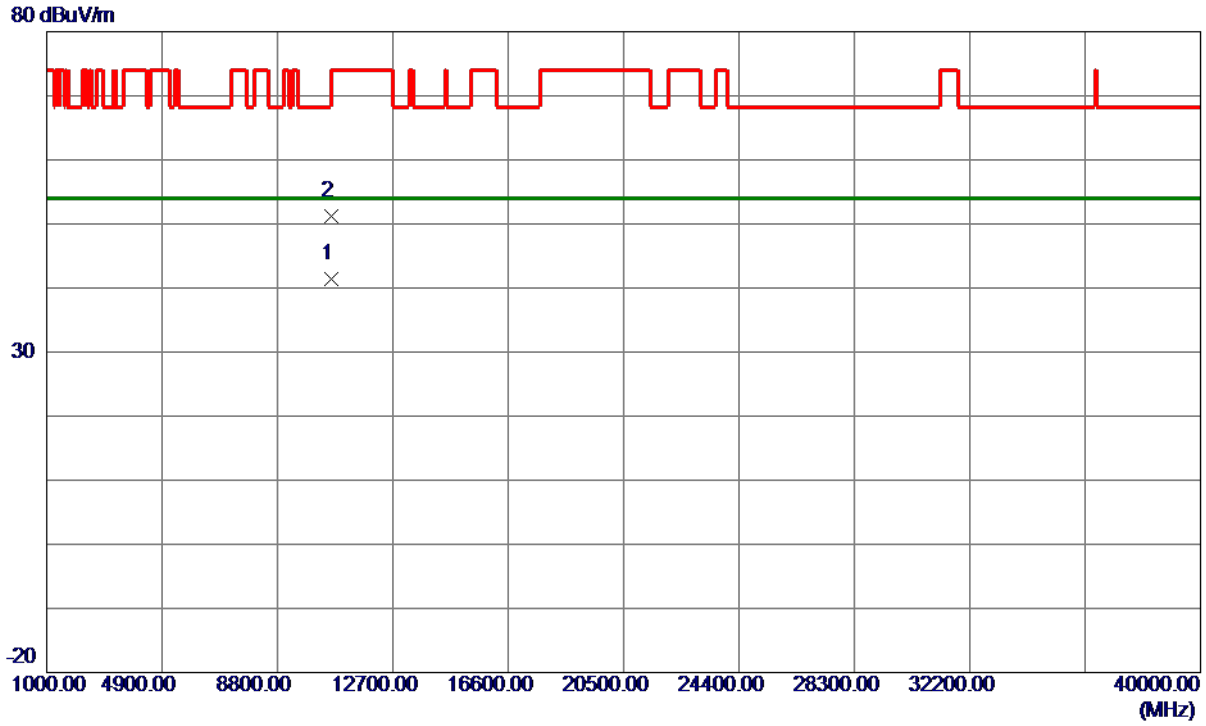


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5297.6000	91.25	14.88	106.13	68.30	37.83	Peak	No Limit
2	5298.0000	83.69	14.88	98.57	999.00	-900.43	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Vertical

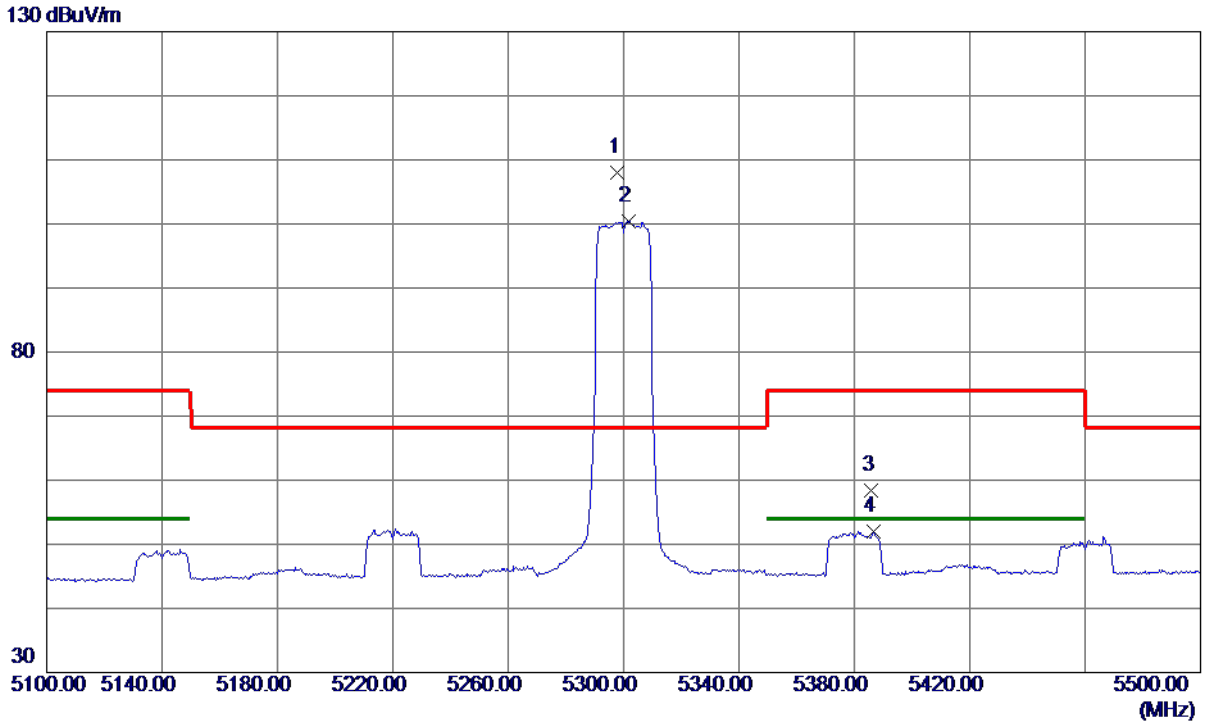


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10603.7650	29.63	11.76	41.39	54.00	-12.61	AVG	
2	10603.9600	39.39	11.76	51.15	74.00	-22.85	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Horizontal

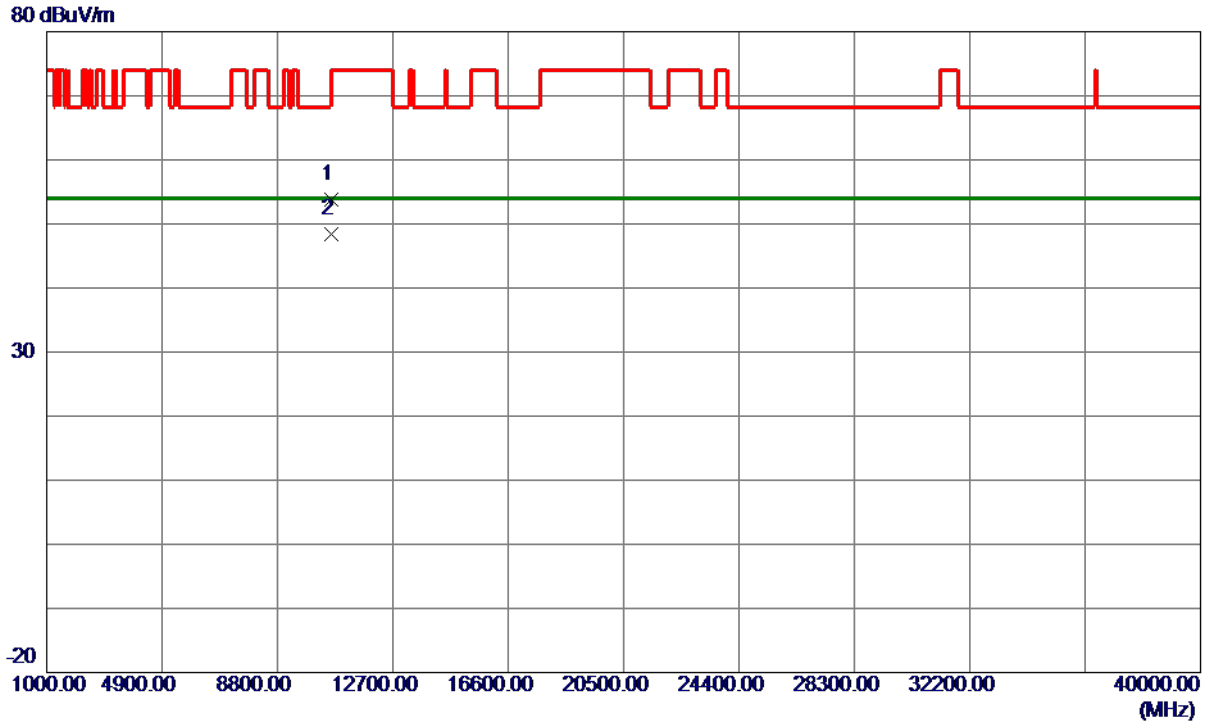


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5298.0000	93.11	14.88	107.99	68.30	39.69	Peak	No Limit
2	5301.6000	85.52	14.89	100.41	999.00	-898.59	AVG	No Limit
3	5386.0000	43.35	15.11	58.46	74.00	-15.54	Peak	
4	5386.8000	36.88	15.11	51.99	54.00	-2.01	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5300 MHz

Horizontal

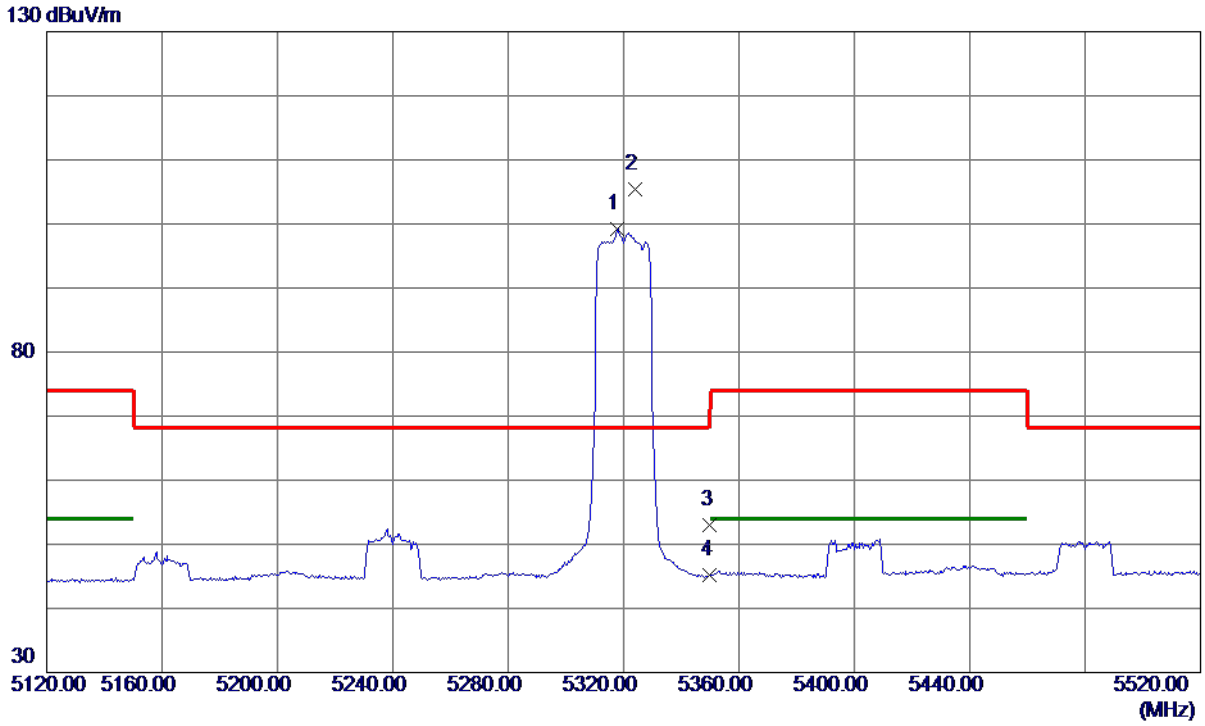


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10598.6100	42.03	11.76	53.79	68.30	-14.51	Peak	
2 *	10598.7210	36.63	11.76	48.39	54.00	-5.61	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Vertical

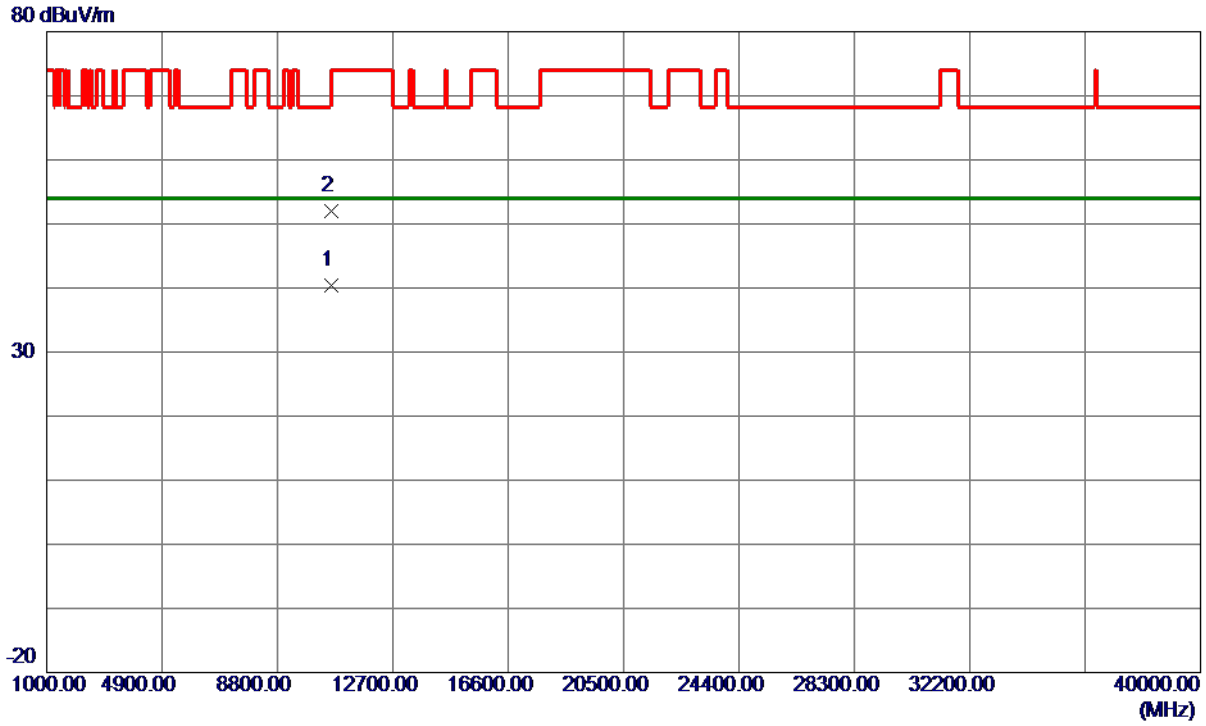


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5317.6000	84.29	14.93	99.22	999.00	-899.78	AVG	No Limit
2 *	5324.0000	90.44	14.95	105.39	68.30	37.09	Peak	No Limit
3	5350.0000	38.03	15.02	53.05	74.00	-20.95	Peak	
4	5350.0000	30.21	15.02	45.23	54.00	-8.77	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Vertical

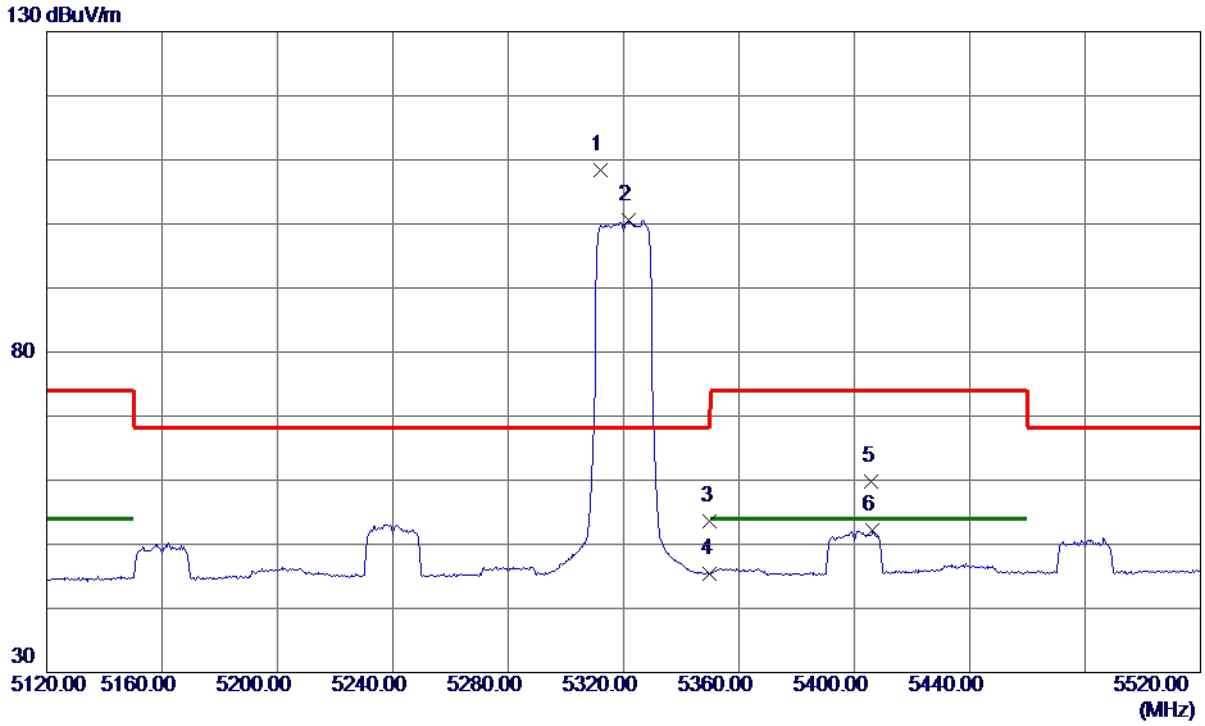


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10637.5900	28.58	11.78	40.36	54.00	-13.64	AVG	
2	10638.9100	40.24	11.78	52.02	74.00	-21.98	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Horizontal

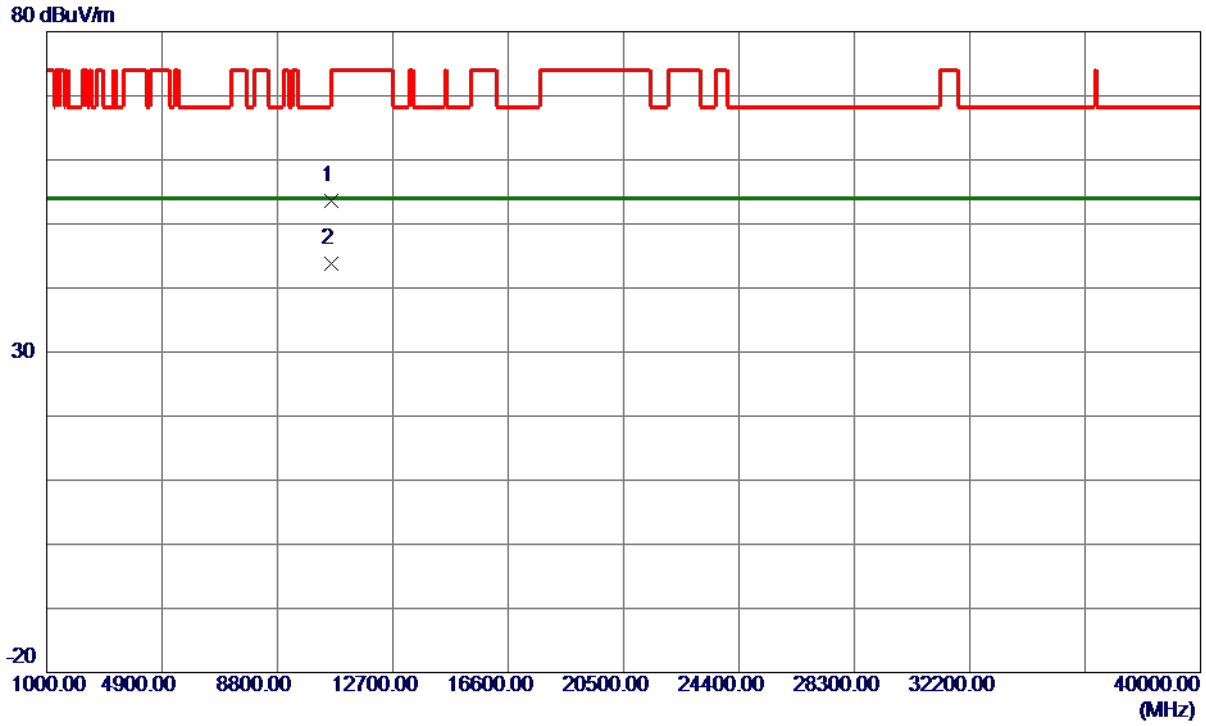


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5312.0000	93.47	14.92	108.39	68.30	40.09	Peak	No Limit
2	5321.6000	85.64	14.94	100.58	999.00	-898.42	AVG	No Limit
3	5350.0000	38.55	15.02	53.57	74.00	-20.43	Peak	
4	5350.0000	30.46	15.02	45.48	54.00	-8.52	AVG	
5	5406.0000	44.59	15.16	59.75	74.00	-14.25	Peak	
6	5406.4000	36.98	15.16	52.14	54.00	-1.86	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz

Horizontal

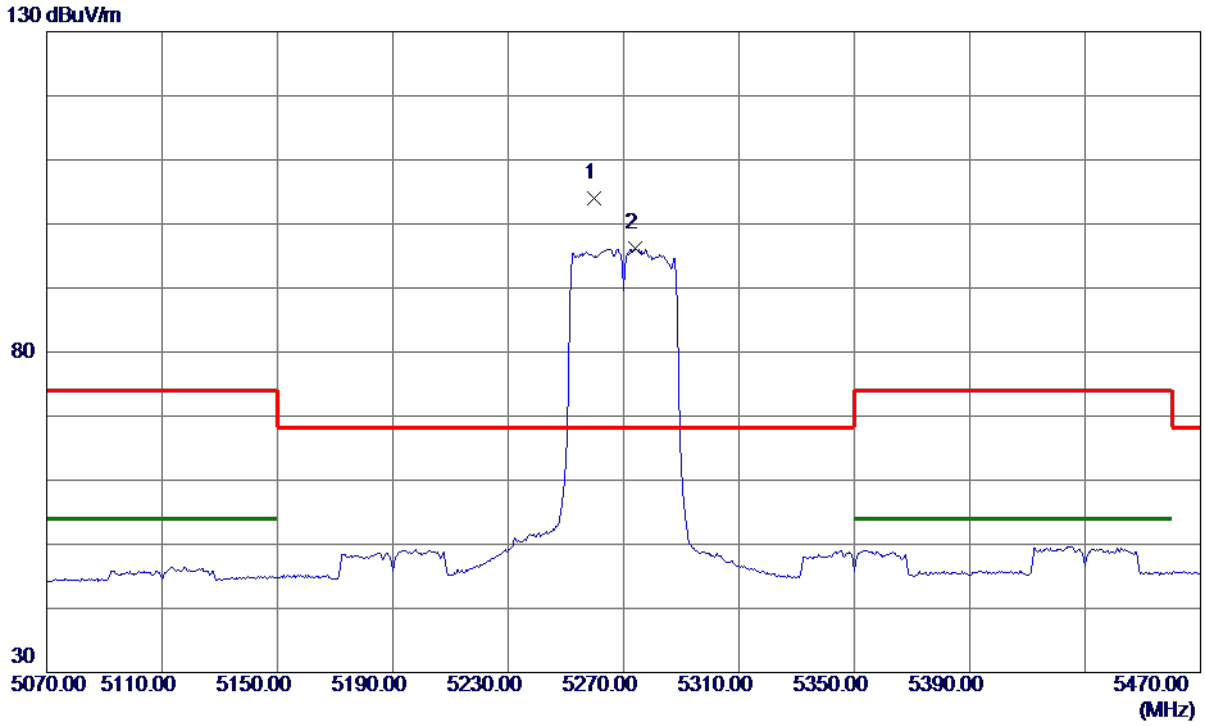


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.1500	41.89	11.78	53.67	74.00	-20.33	Peak	
2 *	10639.9800	32.00	11.78	43.78	54.00	-10.22	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Vertical

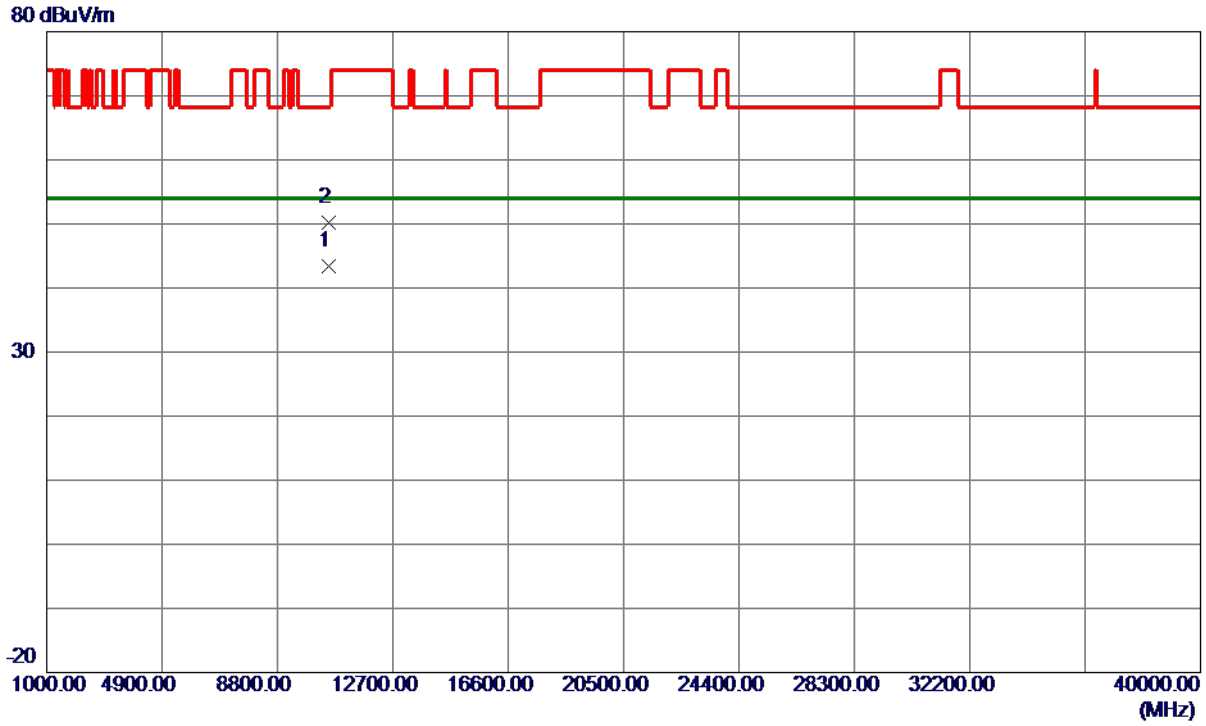


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5259.6000	89.30	14.79	104.09	68.30	35.79	Peak	No Limit
2	5274.0000	81.33	14.82	96.15	999.00	-902.85	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Vertical

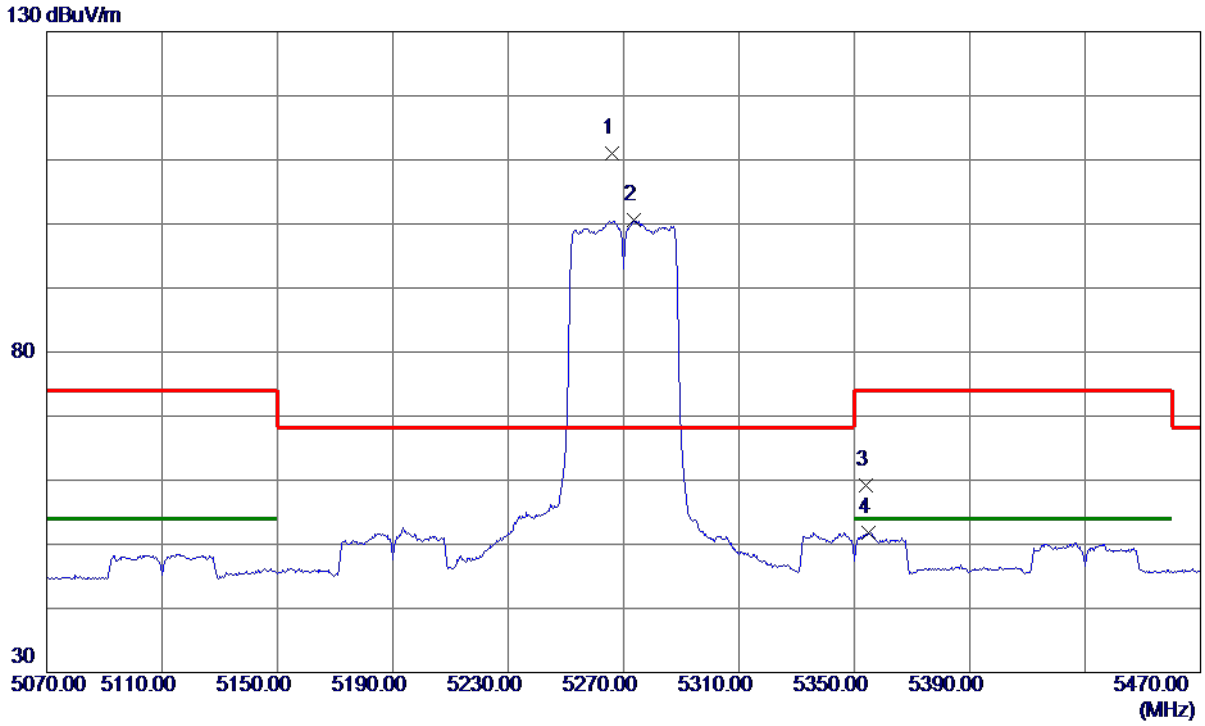


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10541.5720	31.62	11.73	43.35	54.00	-10.65	AVG	
2	10541.5900	38.49	11.73	50.22	68.30	-18.08	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Horizontal

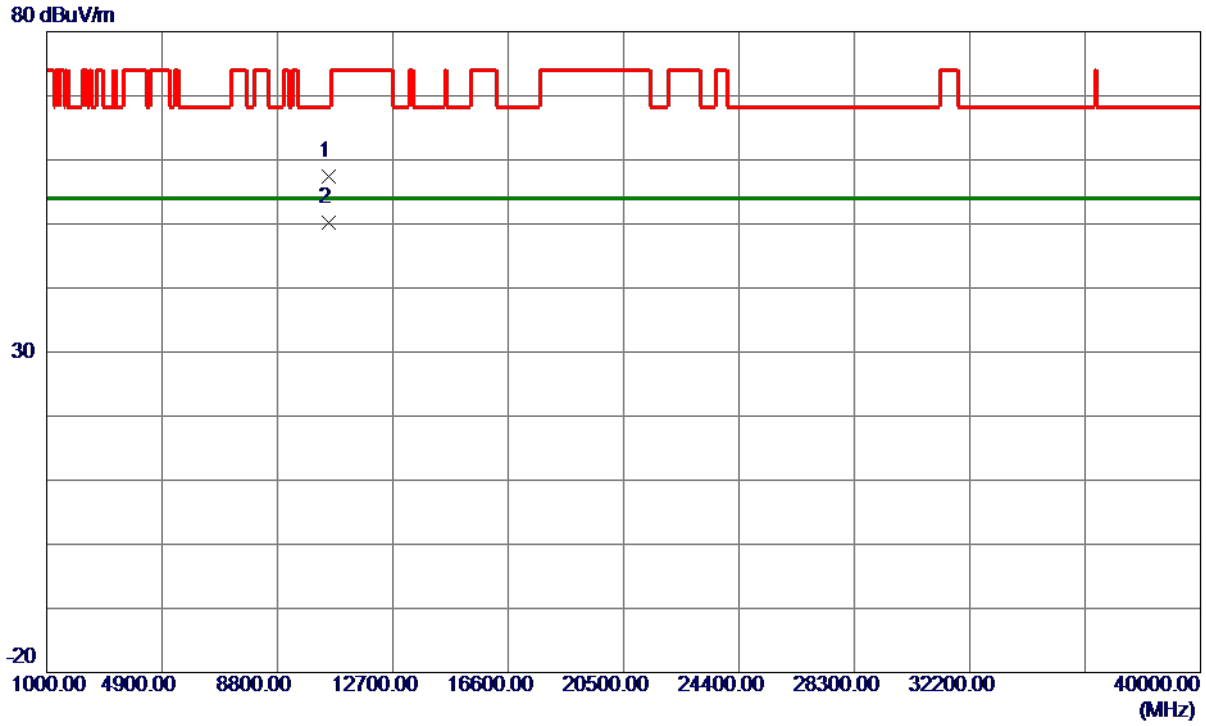


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5266.0000	96.25	14.80	111.05	68.30	42.75	Peak	No Limit
2	5273.6000	85.82	14.82	100.64	999.00	-898.36	AVG	No Limit
3	5354.0000	44.23	15.03	59.26	74.00	-14.74	Peak	
4	5354.8000	36.76	15.03	51.79	54.00	-2.21	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5270 MHz

Horizontal

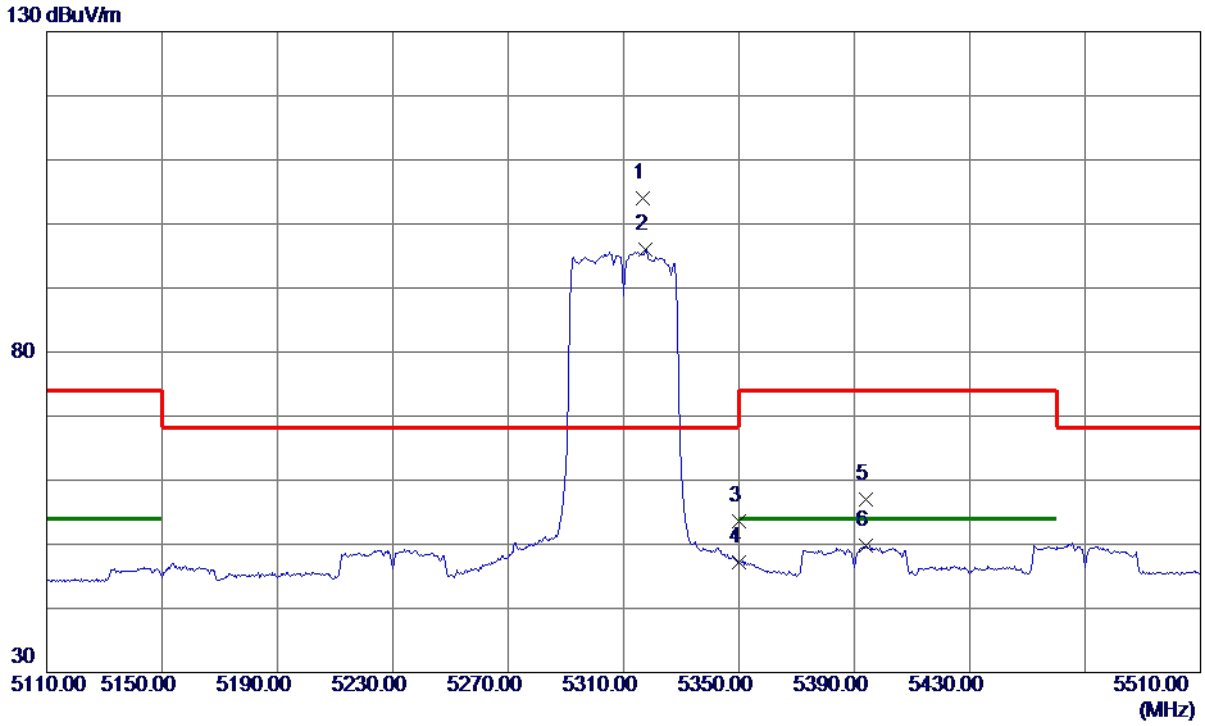


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10539.0300	45.74	11.73	57.47	68.30	-10.83	Peak	
2 *	10540.5210	38.44	11.73	50.17	54.00	-3.83	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Vertical

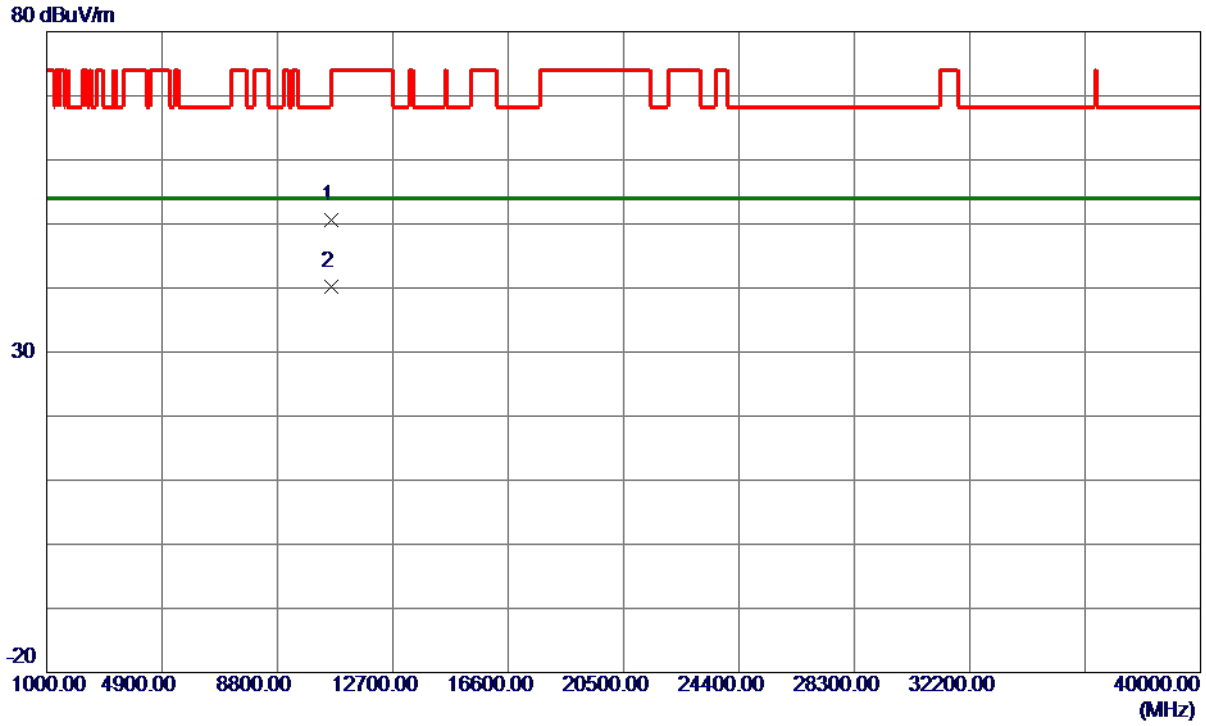


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5316.8000	89.06	14.93	103.99	68.30	35.69	Peak	No Limit
2	5317.6000	81.07	14.93	96.00	999.00	-903.00	AVG	No Limit
3	5350.0000	38.66	15.02	53.68	74.00	-20.32	Peak	
4	5350.0000	32.10	15.02	47.12	54.00	-6.88	AVG	
5	5394.0000	41.94	15.13	57.07	74.00	-16.93	Peak	
6	5394.0000	34.72	15.13	49.85	54.00	-4.15	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Vertical

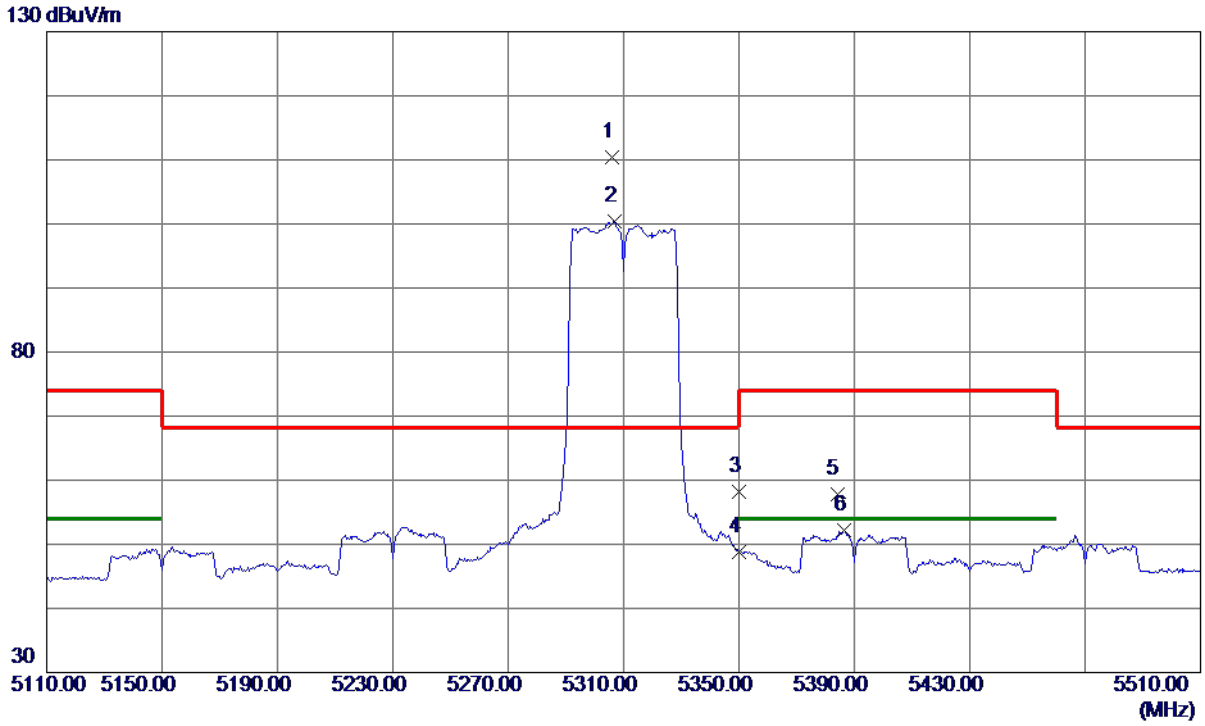


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10617.4100	38.81	11.77	50.58	74.00	-23.42	Peak	
2 *	10619.7000	28.39	11.77	40.16	54.00	-13.84	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Horizontal

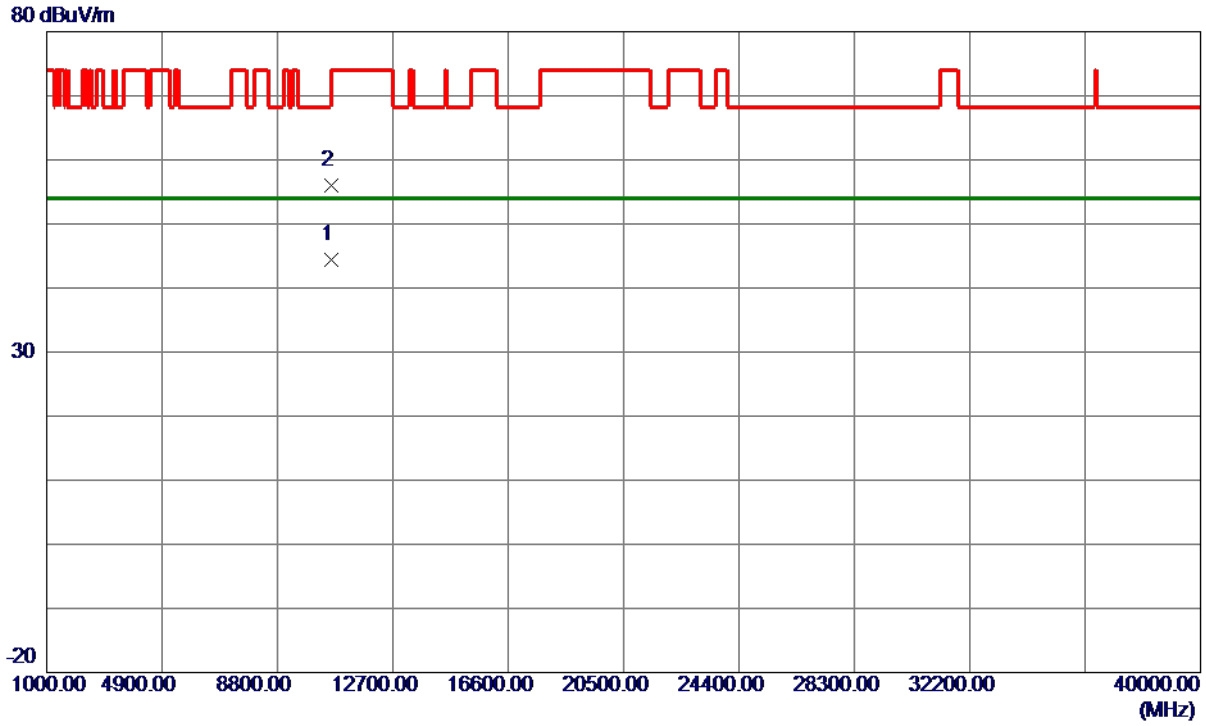


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5306.0000	95.55	14.90	110.45	68.30	42.15	Peak	No Limit
2	5306.8000	85.48	14.91	100.39	999.00	-898.61	AVG	No Limit
3	5350.0000	43.26	15.02	58.28	74.00	-15.72	Peak	
4	5350.0000	33.84	15.02	48.86	54.00	-5.14	AVG	
5	5384.0000	42.61	15.10	57.71	74.00	-16.29	Peak	
6	5386.4000	37.02	15.11	52.13	54.00	-1.87	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT40) Mode 5310 MHz

Horizontal

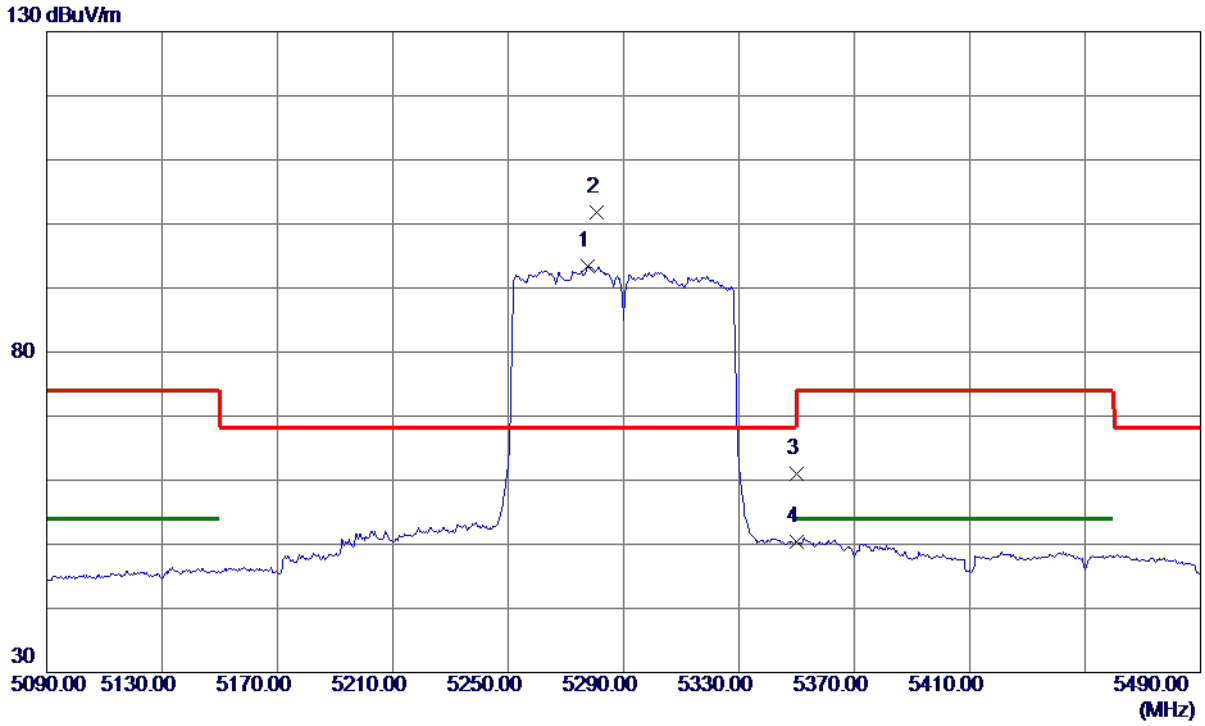


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10618.6900	32.60	11.77	44.37	54.00	-9.63	AVG	
2	10618.7000	44.17	11.77	55.94	74.00	-18.06	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Vertical

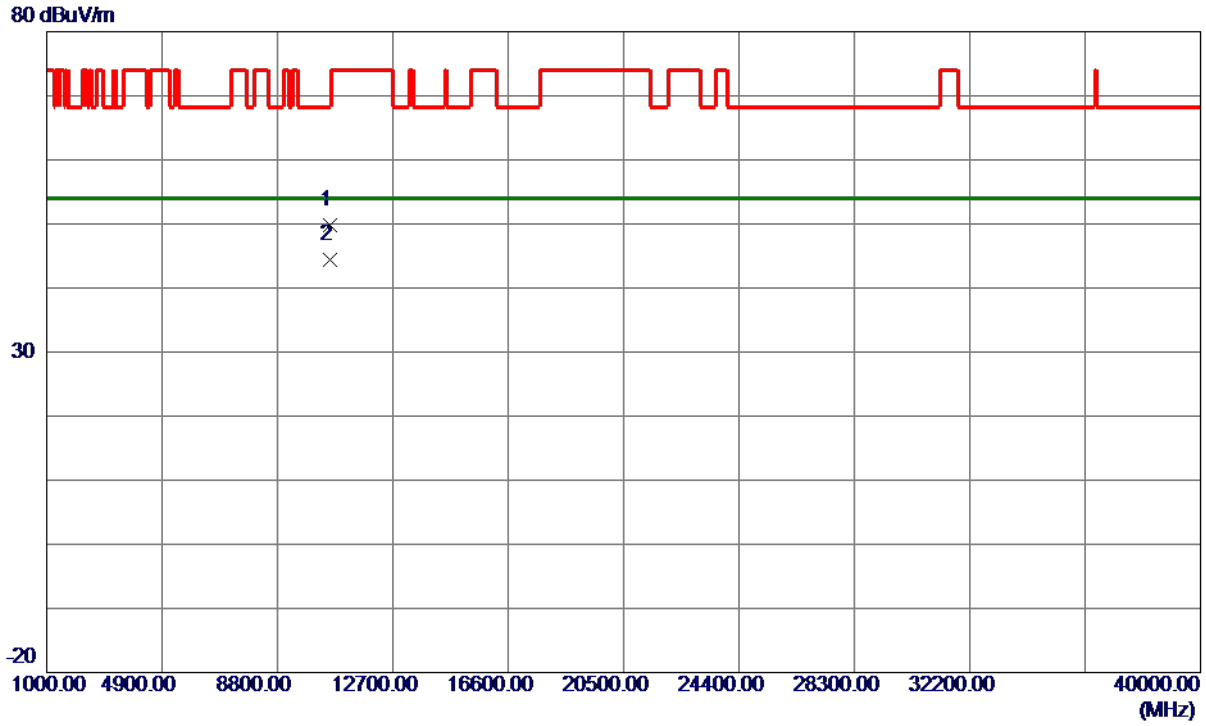


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5277.6000	78.61	14.83	93.44	999.00	-905.56	AVG	No Limit
2 *	5280.8000	86.99	14.84	101.83	68.30	33.53	Peak	No Limit
3	5350.0000	45.98	15.02	61.00	74.00	-13.00	Peak	
4	5350.0000	35.46	15.02	50.48	54.00	-3.52	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Vertical

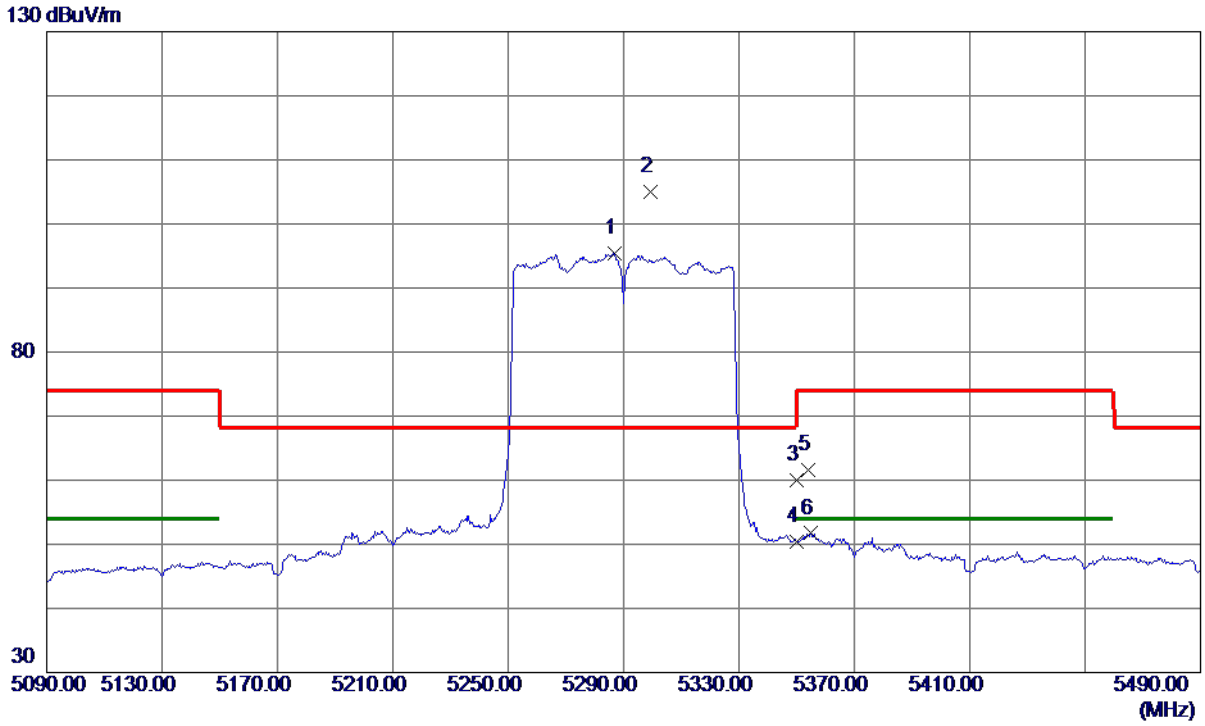


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10584.1800	38.04	11.75	49.79	68.30	-18.51	Peak	
2 *	10584.8560	32.63	11.75	44.38	54.00	-9.62	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Horizontal

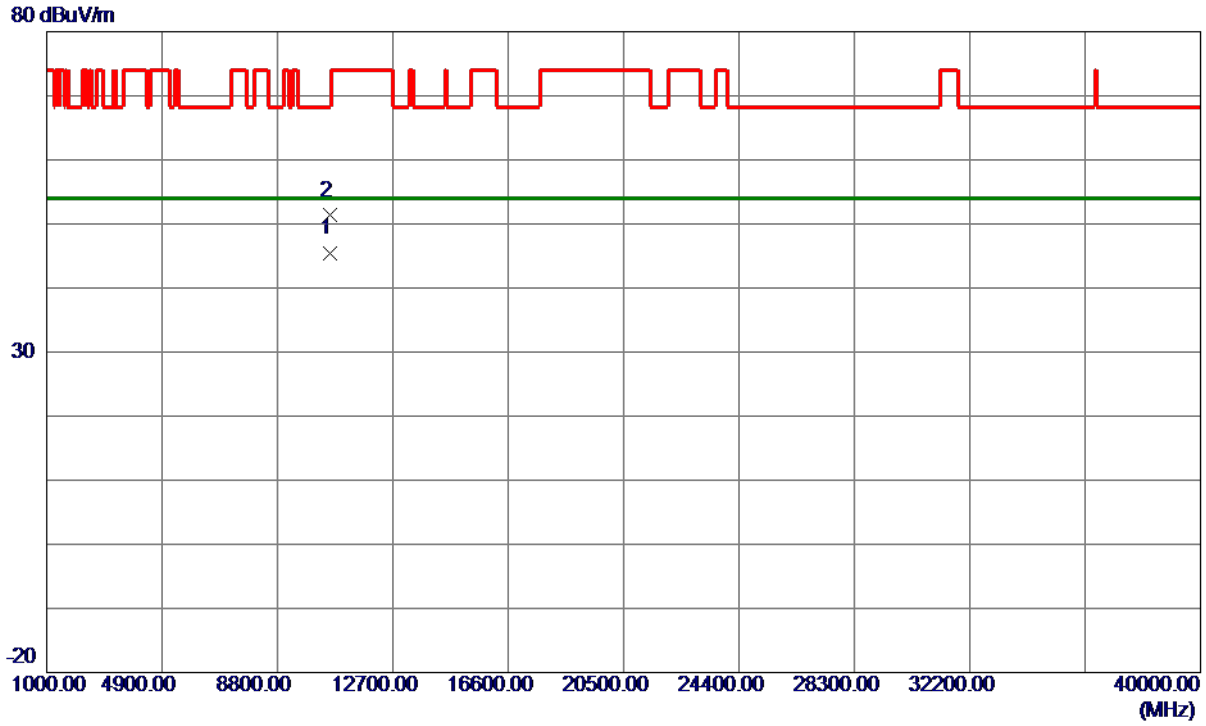


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5286.8000	80.60	14.86	95.46	68.30	27.16	Peak	No Limit
2 *	5299.2000	90.16	14.89	105.05	68.30	36.75	Peak	No Limit
3	5350.0000	45.07	15.02	60.09	74.00	-13.91	Peak	
4	5350.0000	35.43	15.02	50.45	54.00	-3.55	AVG	
5	5354.0000	46.57	15.03	61.60	74.00	-12.40	Peak	
6	5354.8000	36.67	15.03	51.70	54.00	-2.30	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT80) Mode 5290 MHz

Horizontal

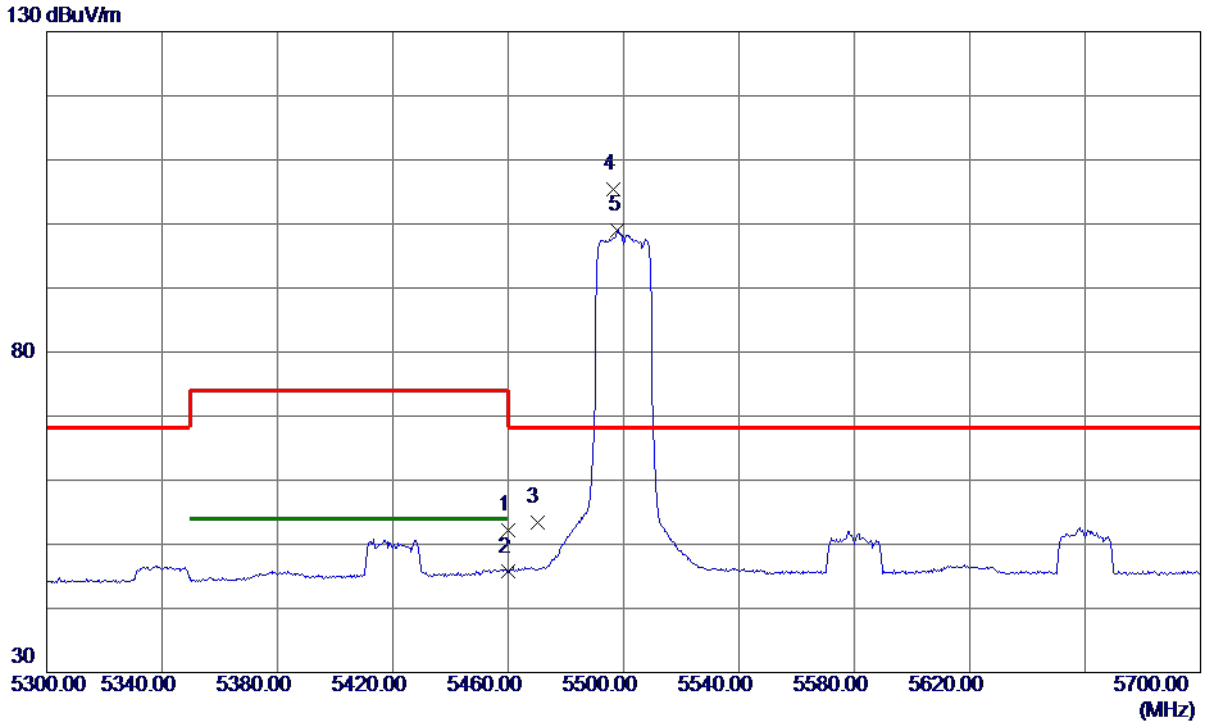


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10579.6540	33.63	11.75	45.38	54.00	-8.62	AVG	
2	10579.7100	39.55	11.75	51.30	68.30	-17.00	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Vertical

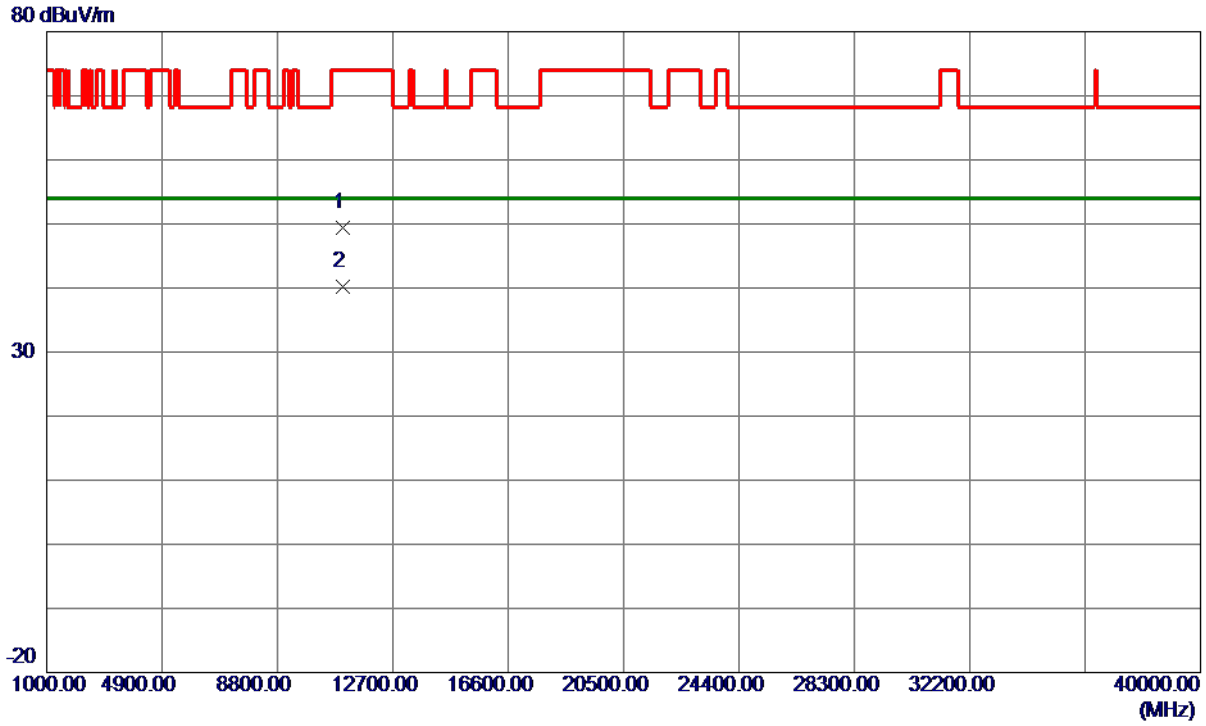


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.94	15.29	52.23	74.00	-21.77	Peak	
2	5460.0000	30.41	15.29	45.70	54.00	-8.30	AVG	
3	5470.0000	38.03	15.32	53.35	68.30	-14.95	Peak	
4 *	5496.4000	90.03	15.39	105.42	68.30	37.12	Peak	No Limit
5	5498.0000	83.52	15.39	98.91	999.00	-900.09	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Vertical

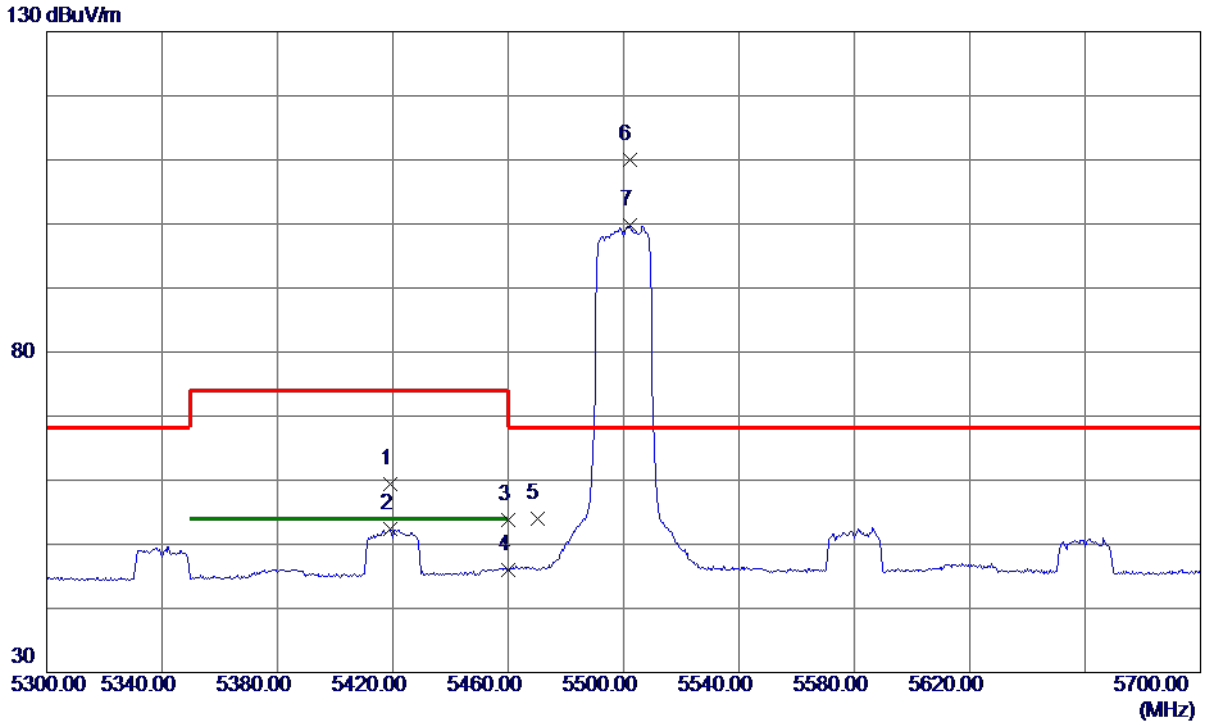


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10992.8500	37.49	11.98	49.47	74.00	-24.53	Peak	
2 *	11000.0000	28.31	11.98	40.29	54.00	-13.71	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Horizontal

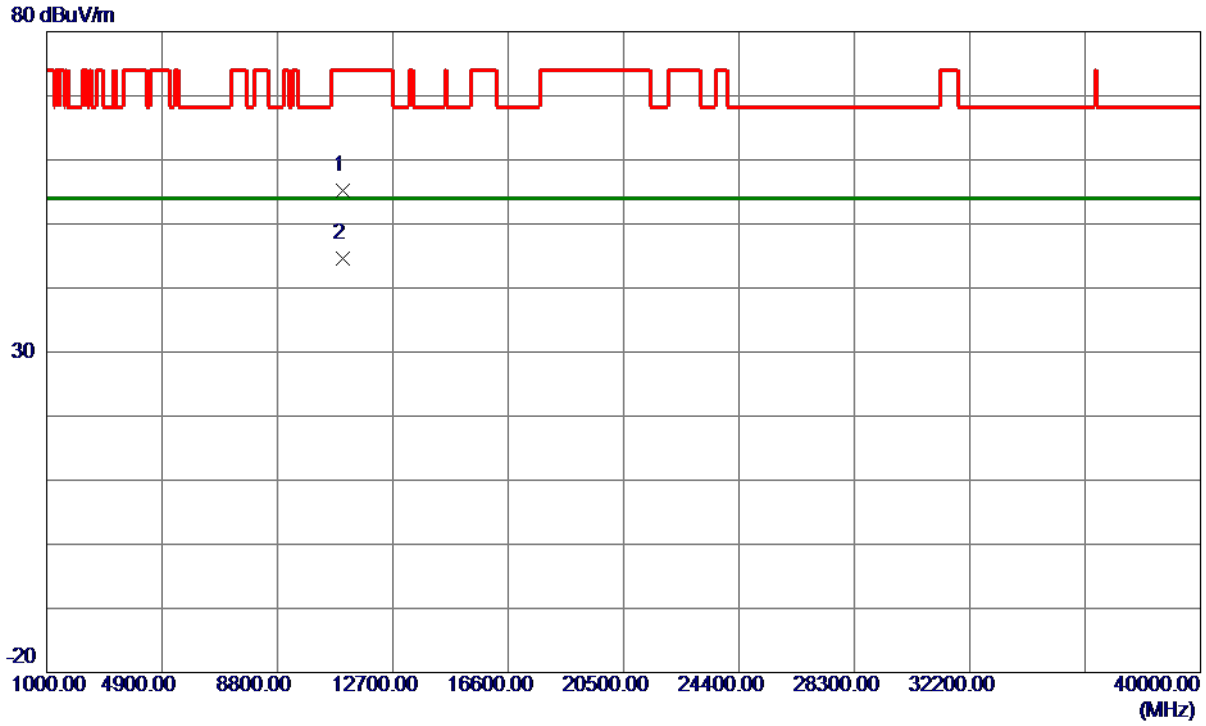


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5419.0000	44.25	15.19	59.44	74.00	-14.56	Peak	
2	5419.2000	37.12	15.19	52.31	54.00	-1.69	AVG	
3	5460.0000	38.43	15.29	53.72	74.00	-20.28	Peak	
4	5460.0000	30.74	15.29	46.03	54.00	-7.97	AVG	
5	5470.0000	38.63	15.32	53.95	68.30	-14.35	Peak	
6 *	5502.0000	94.55	15.40	109.95	68.30	41.65	Peak	No Limit
7	5502.4000	84.35	15.40	99.75	999.00	-899.25	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5500 MHz

Horizontal

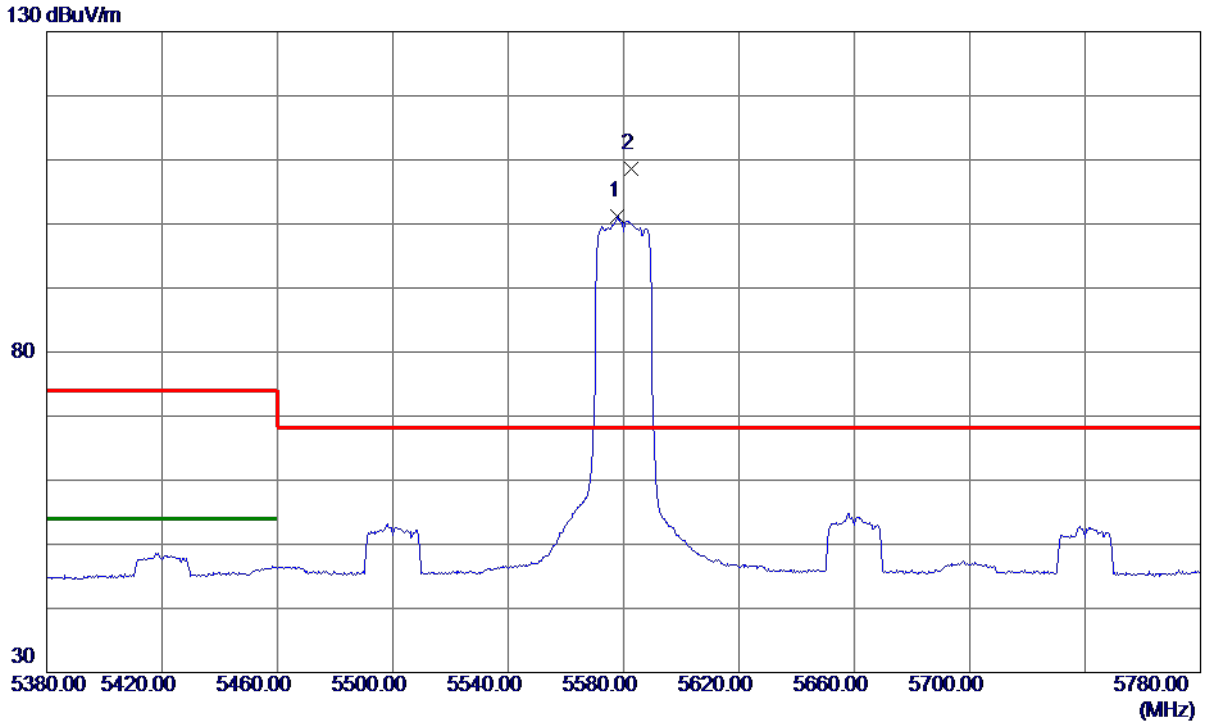


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10998.6500	43.23	11.98	55.21	74.00	-18.79	Peak	
2 *	10999.8000	32.59	11.98	44.57	54.00	-9.43	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

Vertical

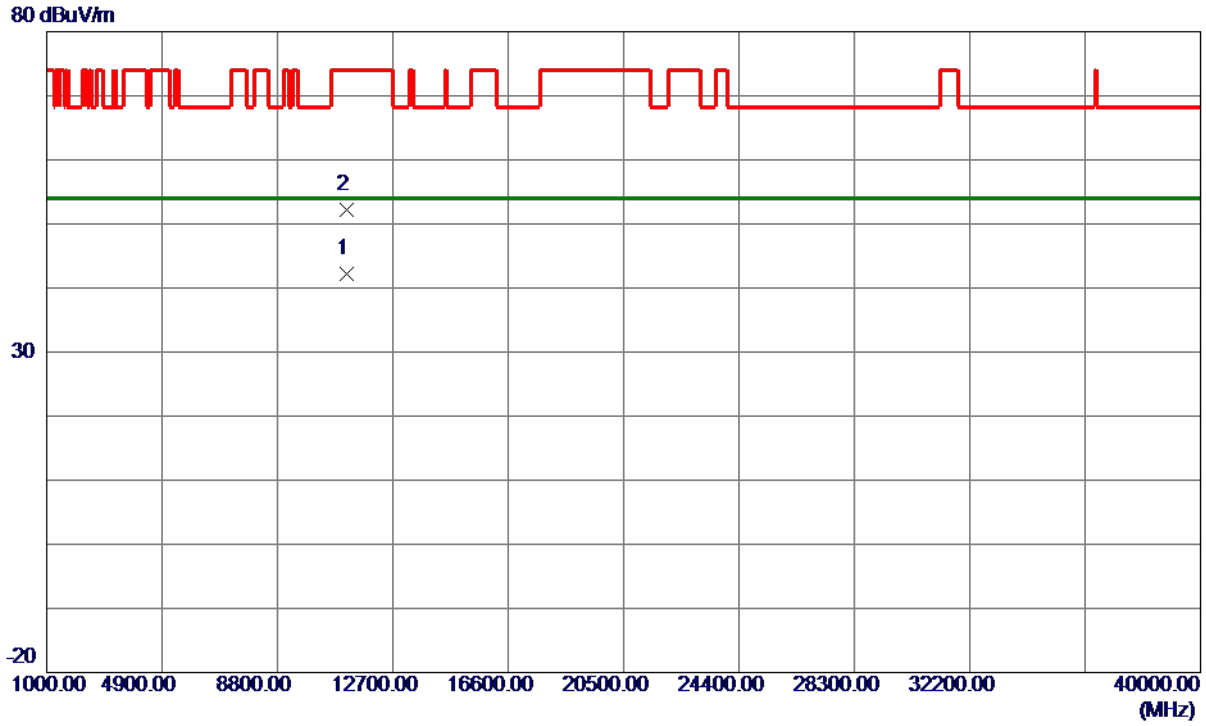


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5578.0000	85.67	15.56	101.23	999.00	-897.77	AVG	No Limit
2 *	5582.8000	93.00	15.57	108.57	68.30	40.27	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

Vertical

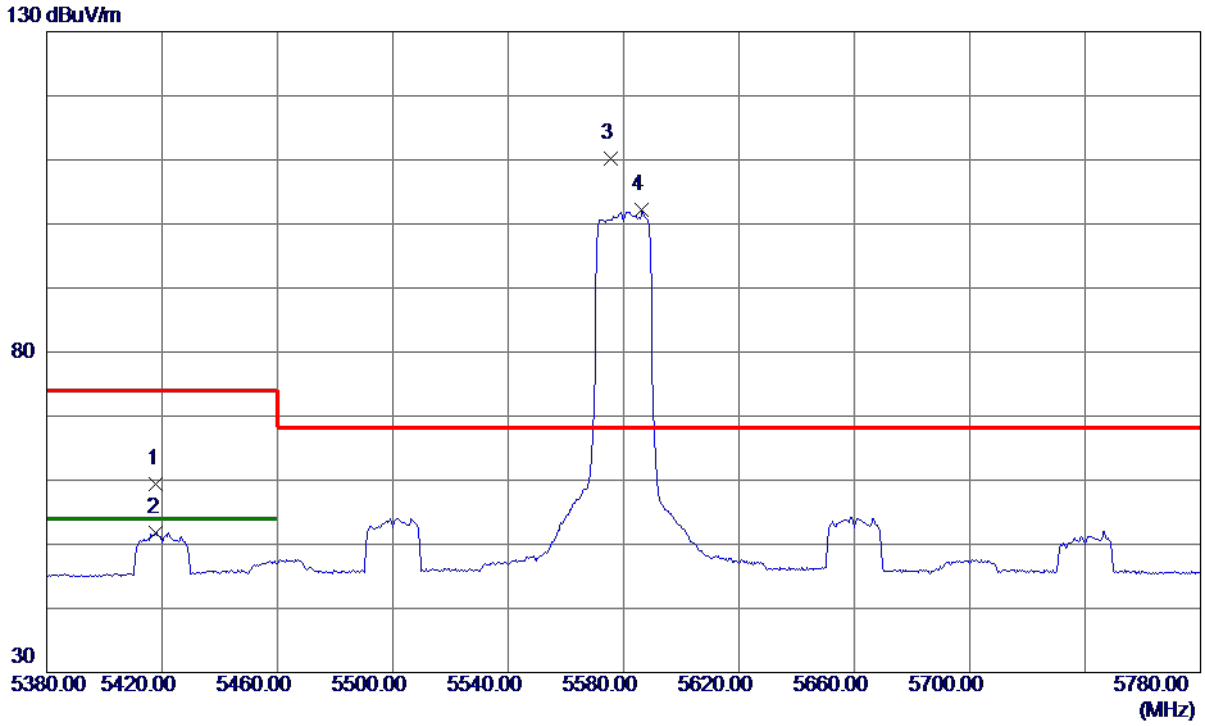


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11159.8500	29.89	12.23	42.12	54.00	-11.88	AVG	
2	11159.9000	40.01	12.23	52.24	74.00	-21.76	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5418.0000	44.29	15.19	59.48	74.00	-14.52	Peak	
2	5418.0000	36.68	15.19	51.87	54.00	-2.13	AVG	
3 *	5575.6000	94.71	15.56	110.27	68.30	41.97	Peak	No Limit
4	5586.4000	86.63	15.58	102.21	999.00	-896.79	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5580 MHz

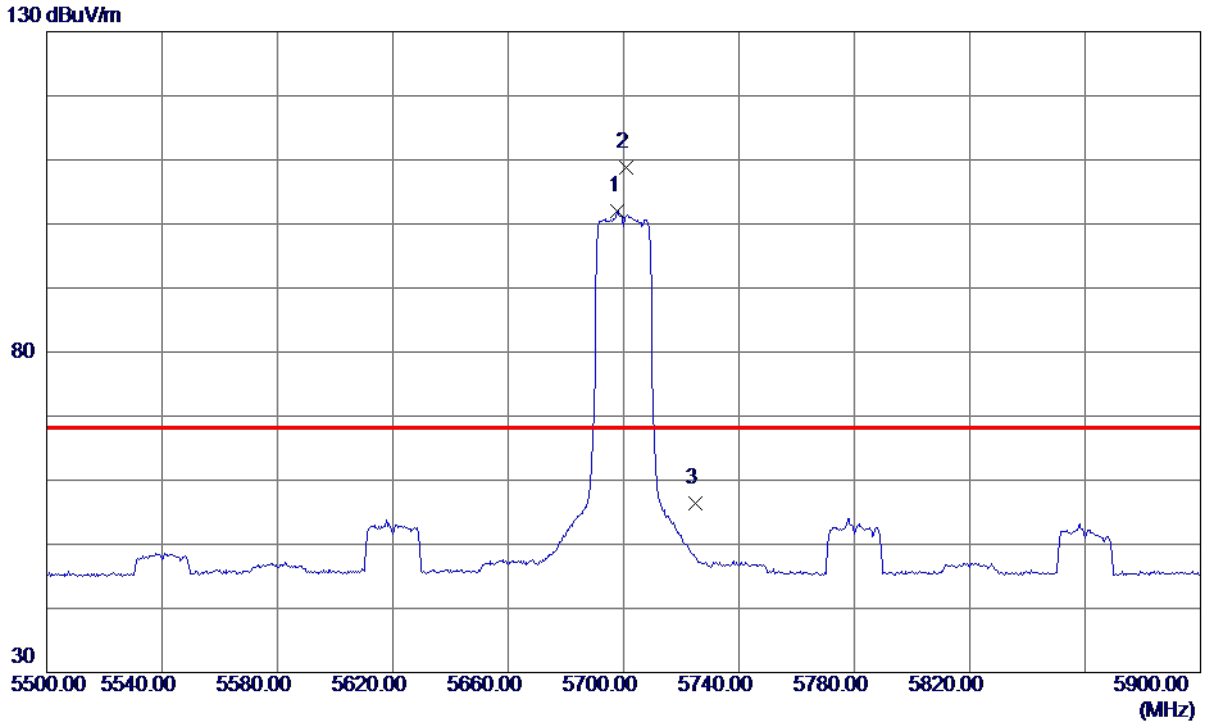
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11158.7000	49.04	12.23	61.27	74.00	-12.73	Peak	
2 *	11159.3000	38.23	12.23	50.46	54.00	-3.54	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Vertical

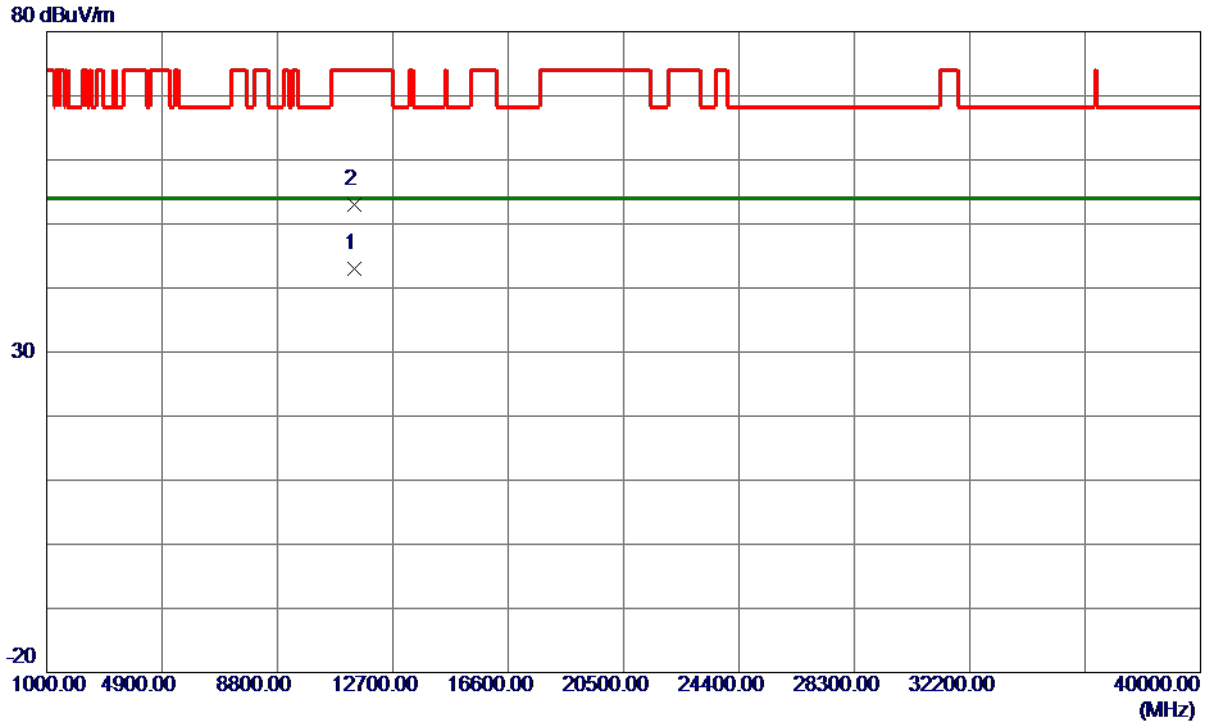


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5698.0000	86.14	15.82	101.96	999.00	-897.04	AVG	No Limit
2 *	5700.8000	92.93	15.83	108.76	68.30	40.46	Peak	No Limit
3	5725.0000	40.55	15.88	56.43	68.30	-11.87	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Vertical

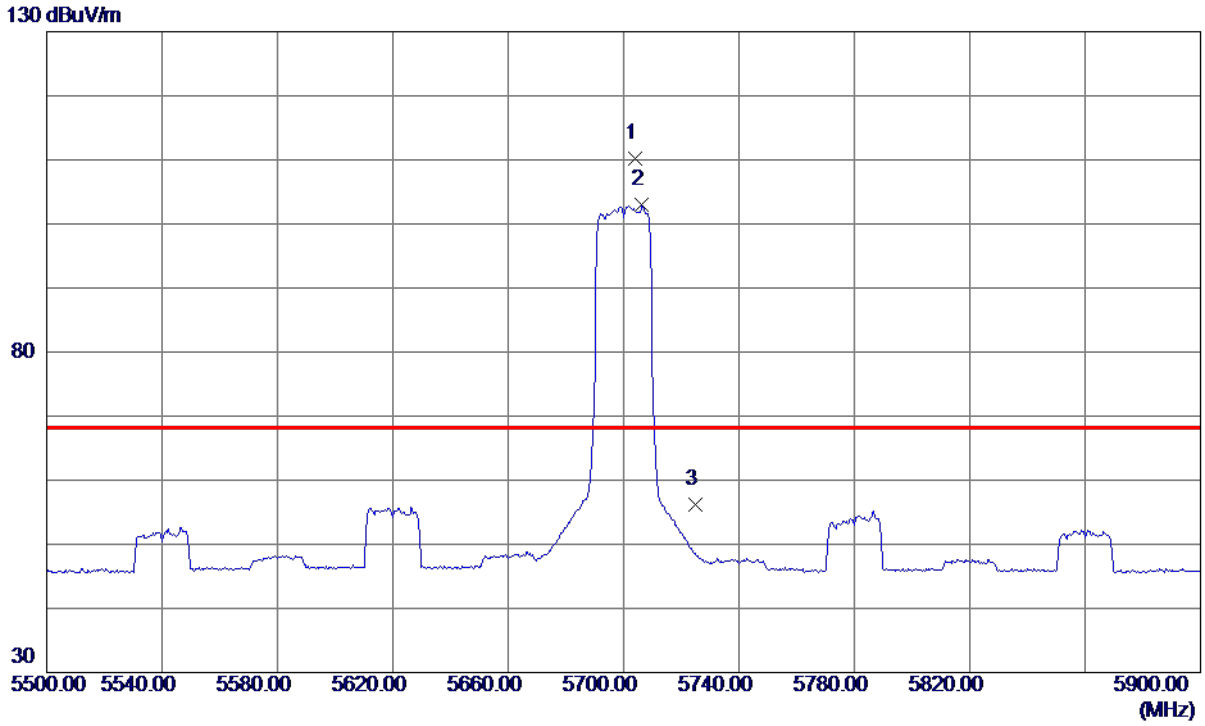


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11400.0000	30.47	12.61	43.08	54.00	-10.92	AVG	
2	11401.3000	40.34	12.61	52.95	74.00	-21.05	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Horizontal

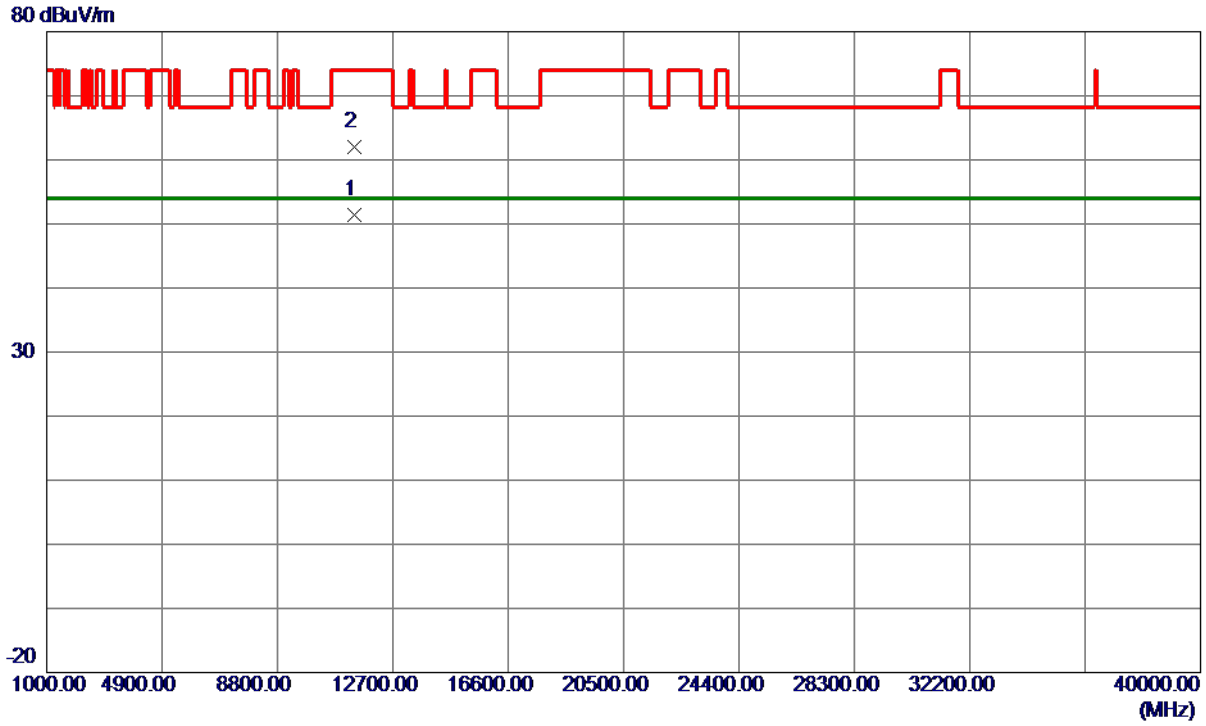


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5704.0000	94.27	15.84	110.11	68.30	41.81	Peak	No Limit
2	5706.4000	87.21	15.84	103.05	999.00	-895.95	AVG	No Limit
3	5725.0000	40.41	15.88	56.29	68.30	-12.01	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5700 MHz

Horizontal

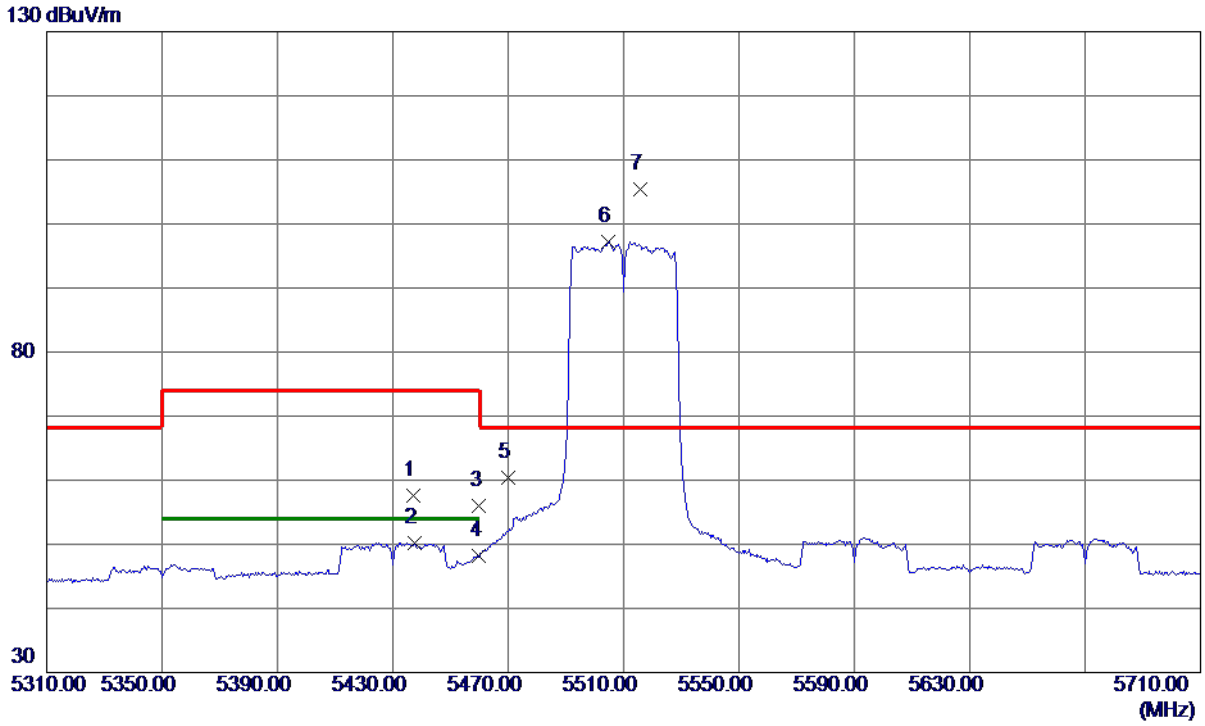


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11398.5500	38.74	12.61	51.35	54.00	-2.65	AVG	
2	11398.6500	49.39	12.61	62.00	74.00	-12.00	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Vertical

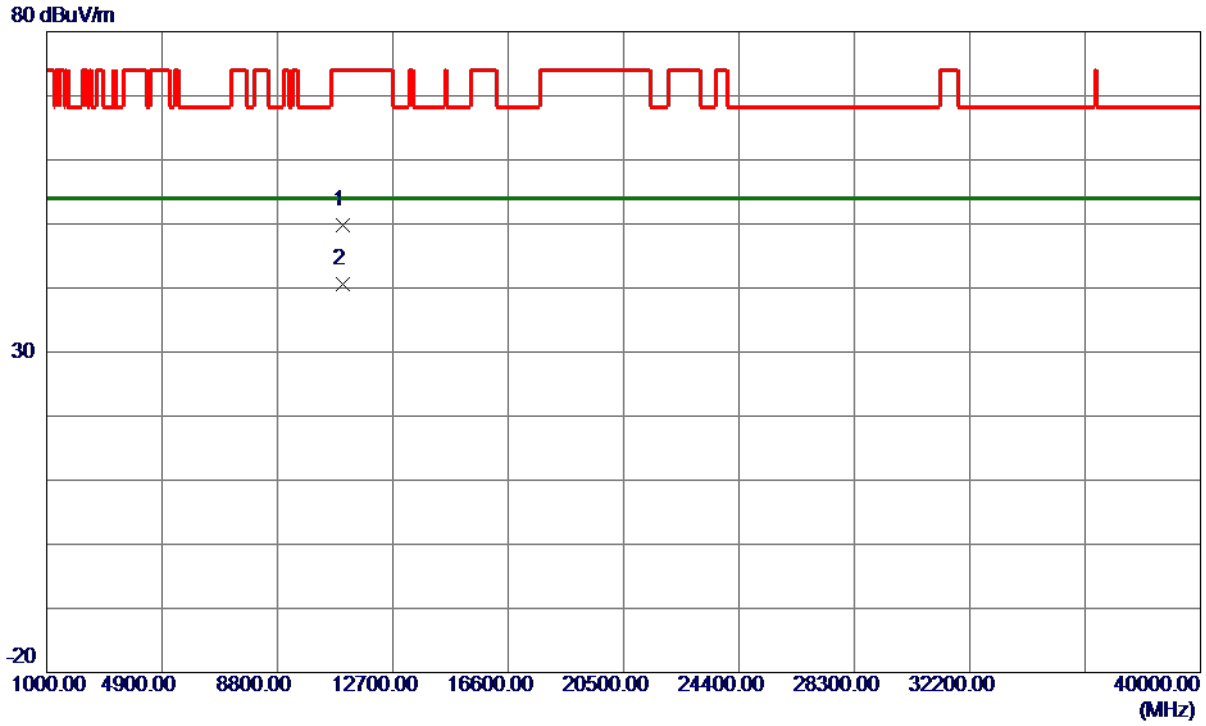


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5437.0000	42.37	15.24	57.61	74.00	-16.39	Peak	
2	5437.6000	34.99	15.24	50.23	54.00	-3.77	AVG	
3	5460.0000	40.74	15.29	56.03	74.00	-17.97	Peak	
4	5460.0000	32.93	15.29	48.22	54.00	-5.78	AVG	
5	5470.0000	45.12	15.32	60.44	68.30	-7.86	Peak	
6	5504.8000	81.78	15.41	97.19	999.00	-901.81	AVG	No Limit
7 *	5515.6000	89.98	15.43	105.41	68.30	37.11	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Vertical

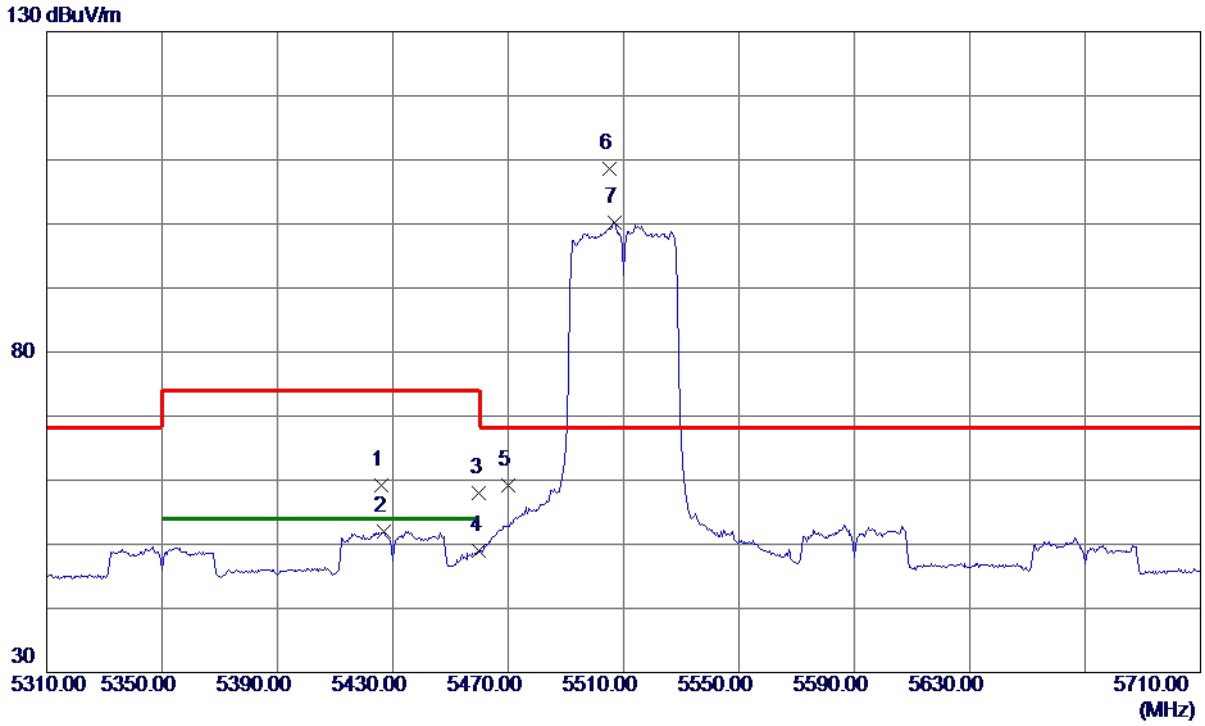


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11016.5500	37.70	12.01	49.71	74.00	-24.29	Peak	
2 *	11019.8800	28.52	12.01	40.53	54.00	-13.47	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Horizontal

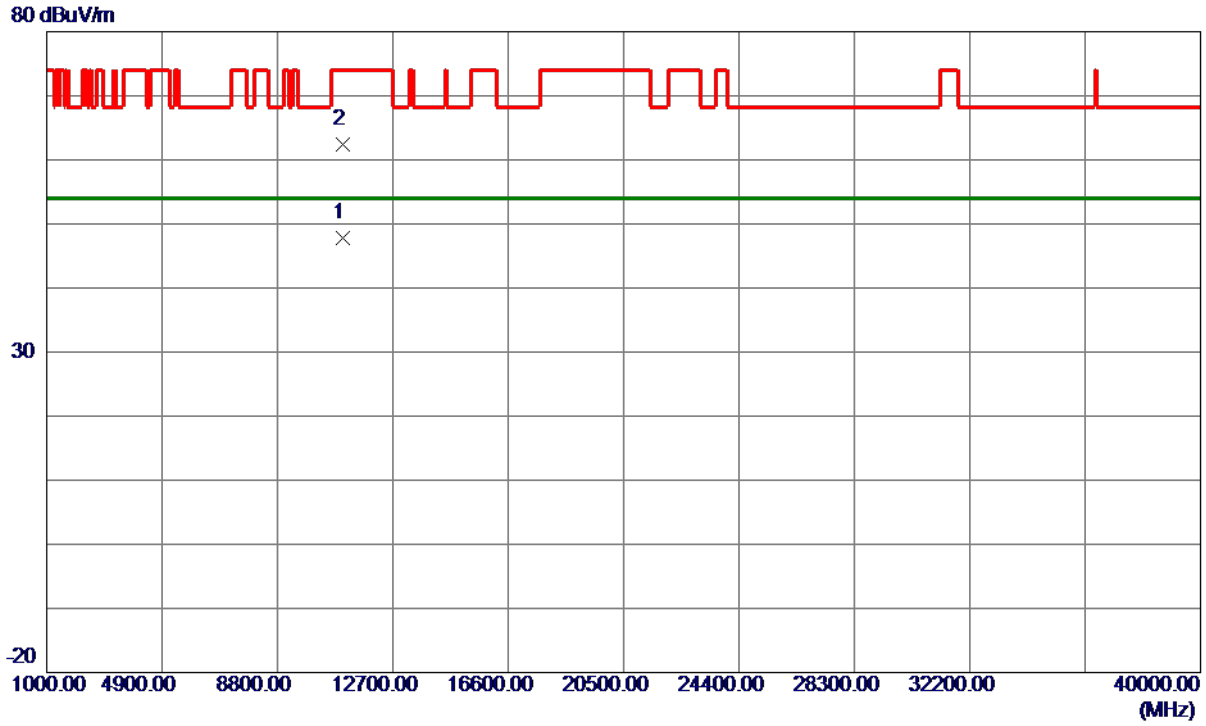


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5426.0000	44.06	15.21	59.27	74.00	-14.73	Peak	
2	5426.8000	36.70	15.21	51.91	54.00	-2.09	AVG	
3	5460.0000	42.62	15.29	57.91	74.00	-16.09	Peak	
4	5460.0000	33.79	15.29	49.08	54.00	-4.92	AVG	
5	5470.0000	43.97	15.32	59.29	68.30	-9.01	Peak	
6 *	5505.2000	93.26	15.41	108.67	68.30	40.37	Peak	No Limit
7	5506.8000	84.88	15.41	100.29	999.00	-898.71	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5510 MHz

Horizontal

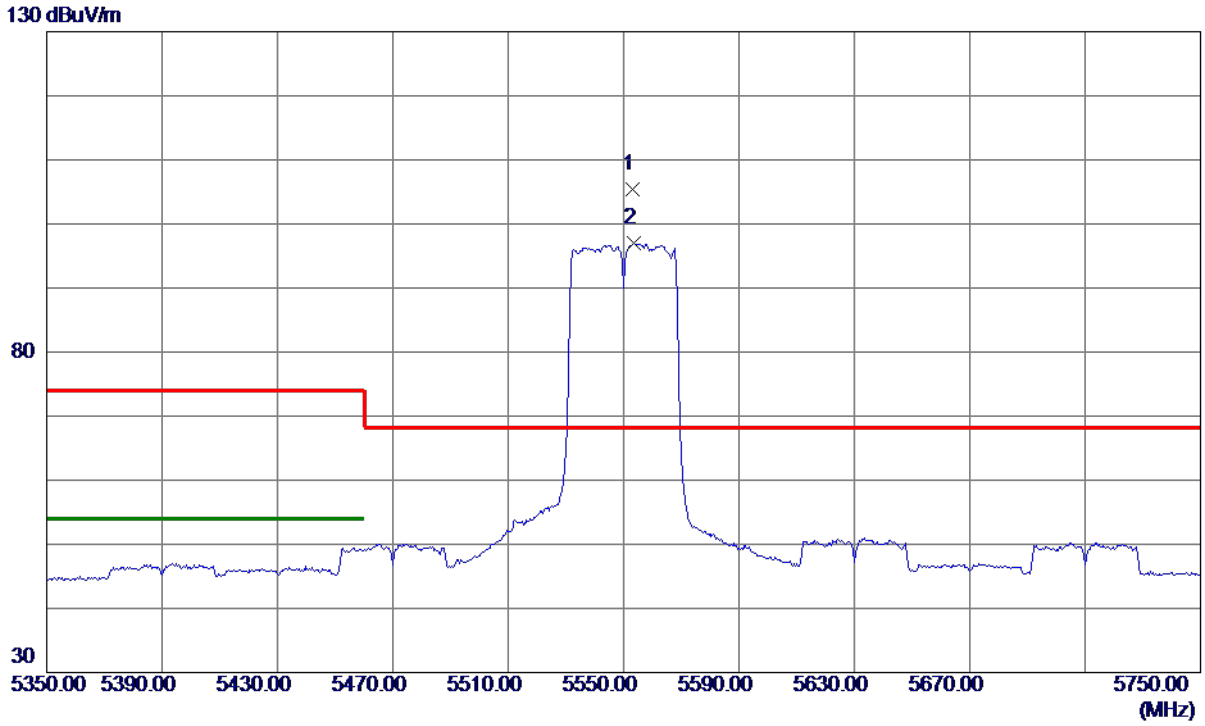


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11020.0000	35.78	12.01	47.79	54.00	-6.21	AVG	
2	11020.0500	50.41	12.01	62.42	74.00	-11.58	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5550 MHz

Vertical

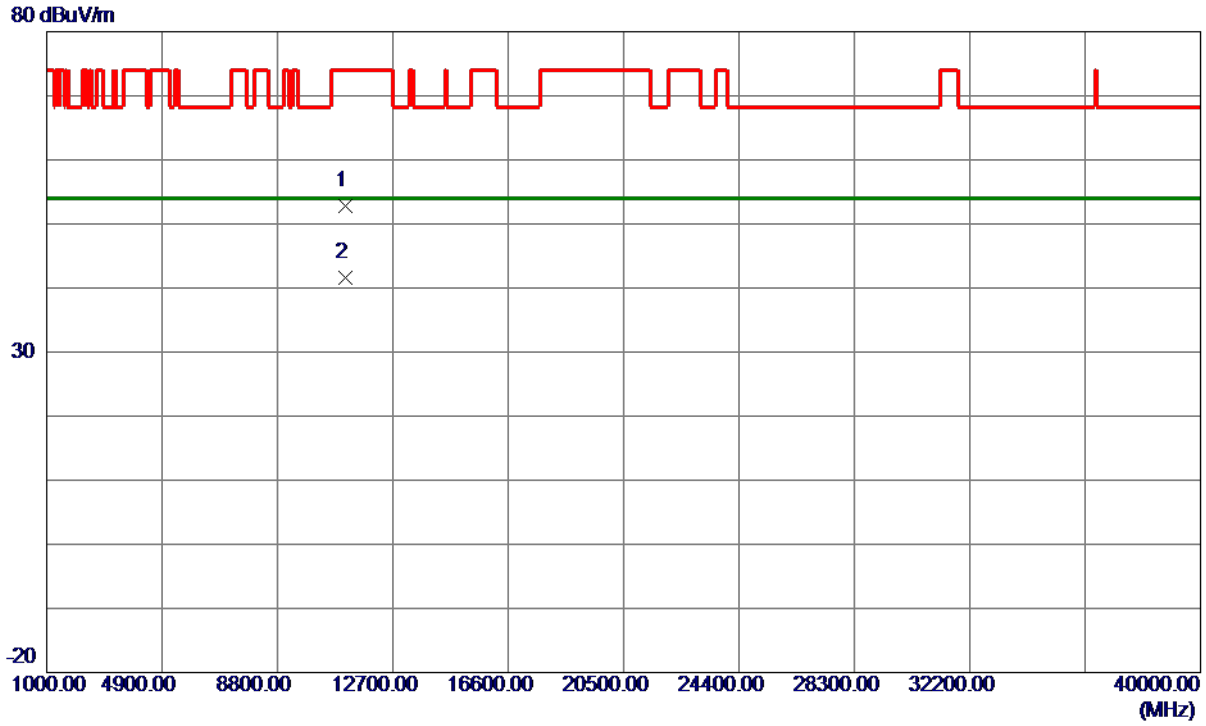


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5553.2000	89.84	15.51	105.35	68.30	37.05	Peak	No Limit
2	5553.6000	81.47	15.51	96.98	999.00	-902.02	AVG	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5550 MHz

Vertical

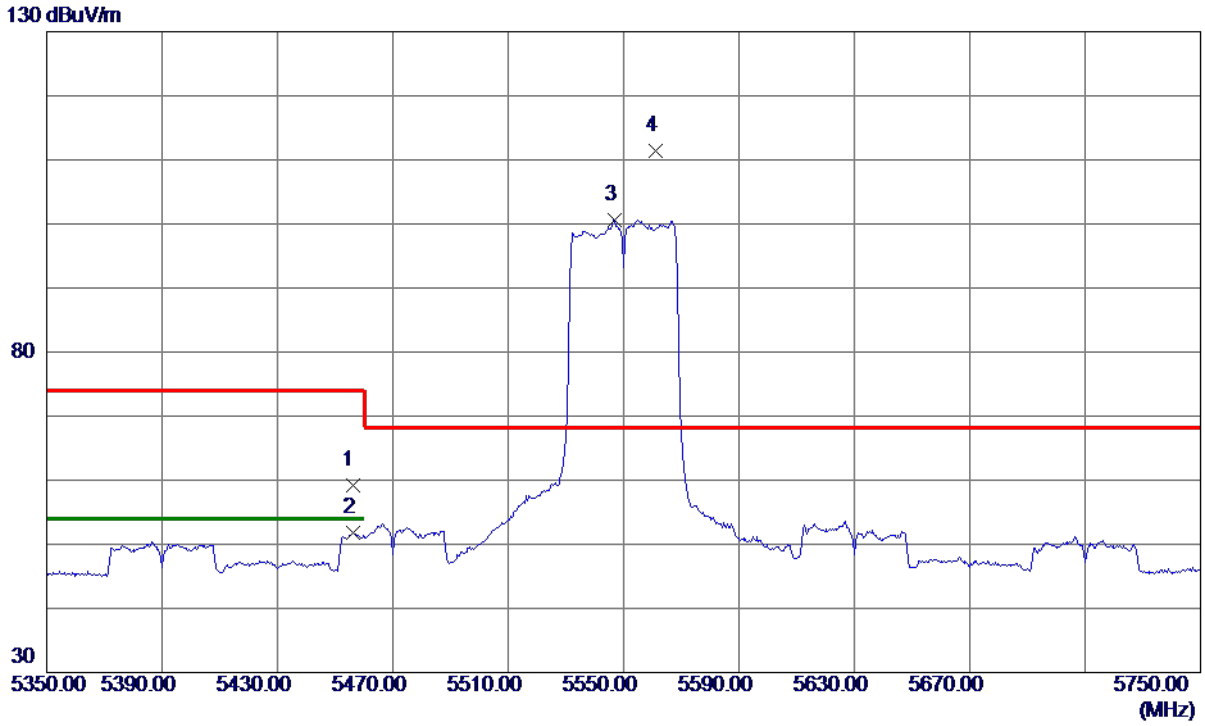


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11098.7200	40.67	12.13	52.80	74.00	-21.20	Peak	
2 *	11099.9000	29.38	12.14	41.52	54.00	-12.48	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5550 MHz

Horizontal

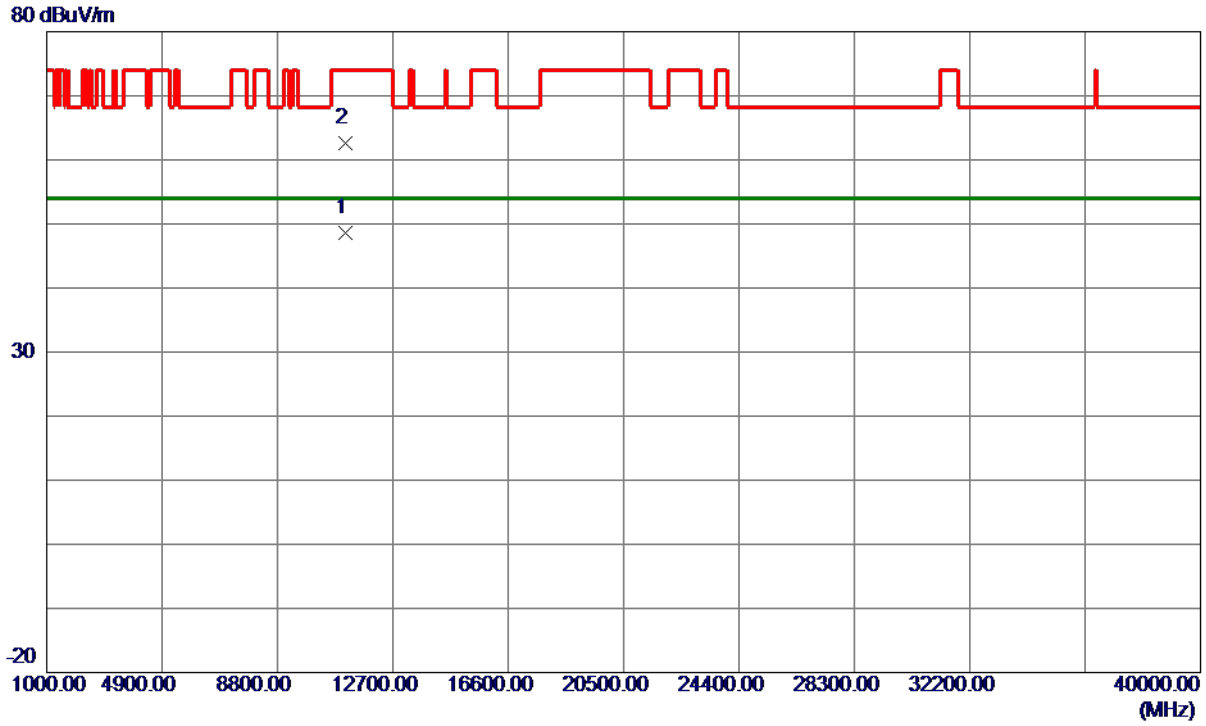


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5456.0000	43.97	15.28	59.25	74.00	-14.75	Peak	
2	5456.4000	36.60	15.28	51.88	54.00	-2.12	AVG	
3	5546.8000	85.10	15.50	100.60	999.00	-898.40	AVG	No Limit
4 *	5561.2000	95.88	15.53	111.41	68.30	43.11	Peak	No Limit

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5550 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11098.6300	36.53	12.13	48.66	54.00	-5.34	AVG	
2	11098.9600	50.40	12.14	62.54	74.00	-11.46	Peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.