FCC Radio Test Report

FCC ID: KA2COVR1100A1

This report concerns: Original Grant

Project No.	:	1907H003
Equipment	:	AC1200 Dual Band Mesh Wi-Fi Router AC1200 Dual Band Whole Home Mesh Wi-Fi Router
Brand Name	:	D-Link
Test Model	:	AC1200 Dual Band Mesh Wi-Fi Router: COVR-1100
Series Model	:	AC1200 Dual Band Whole Home Mesh Wi-Fi Router: COVR-1102, COVR-1103
Applicant	:	D-Link Corporation
Address	:	17595Mt. Hermann,Fountain Valley , California, United States 92708
Date of Receipt	:	Jul. 04, 2019
Date of Test	:	Jul. 14, 2019 ~ Aug. 26, 2019
Issued Date	:	Spe. 24, 2019
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SH19072983
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.

Krain. Wu

Prepared by : Krain Wu

young chai

Approved by : Young Chai

Certificate # 5123.03

Add: No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China

TEL: +86-021-61765666

Web: www.newbtl.com

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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Limitation

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

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Spe. 24, 2019

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**	**Judgement**	**Remark**
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	N/A	------
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	------
15.407(c)	Automatically Discontinue Transmission	------	PASS	**NOTE (2)**

Note:

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

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

(3) For UNII-1 this device was functioned as a

☒ Access point device ☐ Client device

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210,China
BTL's Test Firm Registration Number for FCC: 476765
BTL's Designation Number for FCC: CN1241

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)
SH-C01	CISPR	150 kHz ~ 30 MHz	± 2.26

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
SH-CB01	CISPR	9 KHz~30 MHz	V	3.79
		9 KHz~30 MHz	H	3.57
		30 MHz~200 MHz	V	4.04
		30 MHz~200 MHz	H	3.76
		200 MHz~1,000 MHz	V	4.24
		200 MHz~1,000 MHz	H	3.84
		1 GHz~18 GHz	V	4.46
		1 GHz~18 GHz	H	4.40
		18 GHz~40 GHz	V	3.95
		18 GHz~40 GHz	H	3.95

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	22℃	55%	AC 120V	Summer Xu
Radiated Emissions-9K-30MHz	22℃	59%	AC 120V	Summer Xu
Radiated Emissions-30 MHz to 1GHz	22℃	59%	AC 120V	Summer Xu
Radiated Emissions-Above 1000 MHz	22℃	59%	AC 120V	Summer Xu
Spectrum Bandwidth	22℃	55%	AC 120V	Summer Xu
Maximum Output Power	22℃	55%	AC 120V	Summer Xu
Power Spectral Density	22℃	55%	AC 120V	Summer Xu
Frequency Stability	22℃	55%	AC 120V	Summer Xu

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1200 Dual Band Mesh Wi-Fi Router AC1200 Dual Band Whole Home Mesh Wi-Fi Router
Brand Name	D-Link
Test Model	AC1200 Dual Band Mesh Wi-Fi Router: COVR-1100
Series Model	AC1200 Dual Band Whole Home Mesh Wi-Fi Router: COVR-1102, COVR-1103
Model Difference(s)	The product itself is the same, except that COVR-1100 is one pack, COVR-1102 is two packs, and COVR-1103 is three packs.
Power Source	DC Voltage supplied from AC/DC adapter: Model: AMS159A-1201000FV
Power Rating	I/P: 100-240V ~ 50/60Hz 0.5A O/P: 12V ⎓ 1.0A
Operation Frequency	UNII-1: 5150 MHz~5250 MHz UNII-2A: 5250 MHz~5350 MHz UNII-2C: 5470 MHz~5725 MHz UNII-3: 5725 MHz~5850 MHz
Modulation Type	OFDM
Bit Rate of Transmitter	Up to 867Mbps

Maximum Conducted Output Power for UNII-1 (1TX) Non-Beamforming	IEEE 802.11a: 25.18 dBm (0.3296 W)
Maximum Conducted Output Power for UNII-3 (1TX) Non-Beamforming	IEEE 802.11a: 24.42 dBm (0.2767 W)
Maximum Conducted Output Power for UNII-1 (2TX) Non-Beamforming	IEEE 802.11n (HT20): 26.84 dBm (0.4831 W) IEEE 802.11n (HT40): 23.91 dBm (0.2460 W) IEEE 802.11ac (VHT20): 26.22 dBm (0.4188 W) IEEE 802.11ac (VHT40): 20.41 dBm (0.1099 W) IEEE 802.11ac (VHT80): 24.05 dBm (0.2541 W)
Maximum Conducted Output Power for UNII-3 (2TX) Non-Beamforming	IEEE 802.11n (HT20): 25.89 dBm (0.3882 W) IEEE 802.11n (HT40): 25.76 dBm (0.3767 W) IEEE 802.11ac (VHT20): 26.01 dBm (0.3990 W) IEEE 802.11ac (VHT40): 26.11 dBm (0.4083 W) IEEE 802.11ac (VHT80): 25.83 dBm (0.3828 W)

Maximum Conducted Output Power for UNII-1 (2TX) Beamforming	IEEE 802.11n (HT20): 26.34 dBm (0.4305 W) IEEE 802.11n (HT40): 23.41 dBm (0.2193 W) IEEE 802.11ac (VHT20): 25.72 dBm (0.3733 W) IEEE 802.11ac (VHT40): 19.91 dBm (0.0979 W) IEEE 802.11ac (VHT80): 23.55 dBm (0.2265 W)
Maximum Conducted Output Power for UNII-3 (2TX) Beamforming	IEEE 802.11n (HT20): 25.39 dBm (0.3459 W) IEEE 802.11n (HT40): 25.26 dBm (0.3357 W) IEEE 802.11ac (VHT20): 25.51 dBm (0.3556 W) IEEE 802.11ac (VHT40): 25.61 dBm (0.3639 W) IEEE 802.11ac (VHT80): 25.33 dBm (0.3412 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-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

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

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then, Direction gain = G_{ANT}, that is Directional gain=3.

4.

Table for Antenna Configuration:

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

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 / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 13	TX N(HT20) Mode / CH40 (UNII-1)

Following mode(s) as (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(HT20) Mode / CH40 (UNII-1)

Radiated emissions test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC (VHT80) Mode / CH155 (UNII-3)

Conducted test	
Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC (VHT40) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC (VHT80) Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC (VHT80) Mode / CH155 (UNII-3)

Note：

(1) For radiated emission below 1 GHz test, the IEEE 802.11n20 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) The measurements for RF Output Power were tested during Non-Beamforming and Beamforming, the worst case was Non-Beamforming, only worst case was documented for other test items.

2.3 PARAMETERS OF TEST SOFTWARE

Non-Beamforming

UNII-1 - 1TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11a	45	55	44

UNII-3 - 1TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11a	52	52	52

UNII-1 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11n (HT20)	44	55	44
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	37	45	

UNII-3 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11n (HT20)	53	54	55
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	52	54	

UNII-1 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11ac (VHT20)	44	55	45
Test Frequency (MHz)	5190	5230	
IEEE 802.11ac (VHT40)	35	44	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	46		

UNII-3 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11ac (VHT20)	55	55	52
Test Frequency (MHz)	5755	5795	
IEEE 802.11ac (VHT40)	53	55	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	55		

Beamforming

UNII-1 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11n (HT20)	44	55	44
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	37	45	

UNII-3 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11n (HT20)	53	54	55
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	52	54	

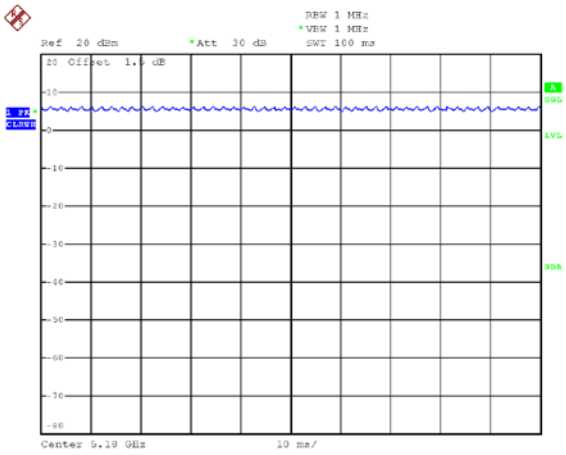
UNII-1 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11ac (VHT20)	44	55	45
Test Frequency (MHz)	5190	5230	
IEEE 802.11ac (VHT40)	35	44	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	46		

UNII-3 - 2TX			
Test Software	MP-v3.4		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11ac (VHT20)	55	55	52
Test Frequency (MHz)	5755	5795	
IEEE 802.11ac (VHT40)	53	55	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	55		

2.4 DUTY CYCLE

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

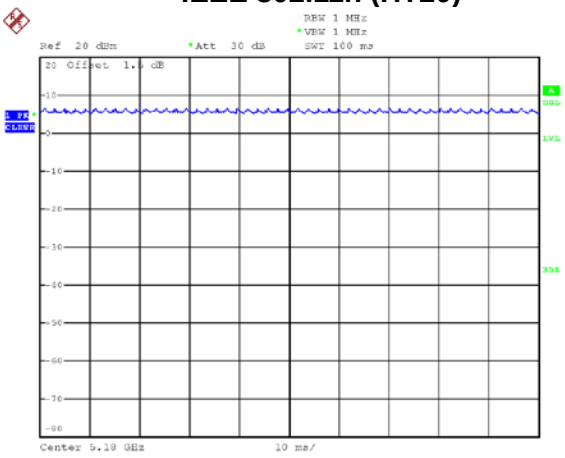
IEEE 802.11a



Date: 6.AUG.2019 16:39:55

Duty cycle = 100.000 ms / 100.000 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

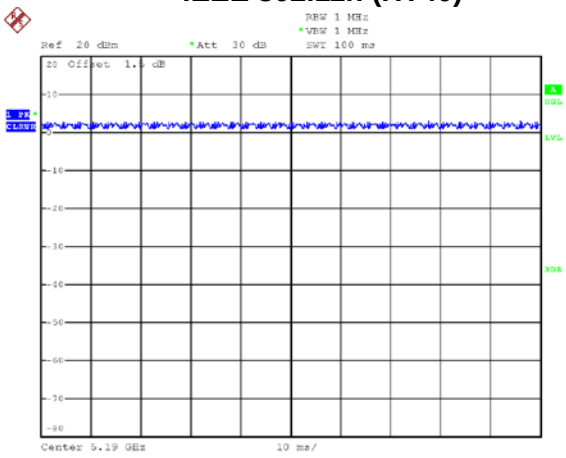
IEEE 802.11n (HT20)



Date: 6.AUG.2019 16:43:12

Duty cycle = 100.000 ms / 100.000 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

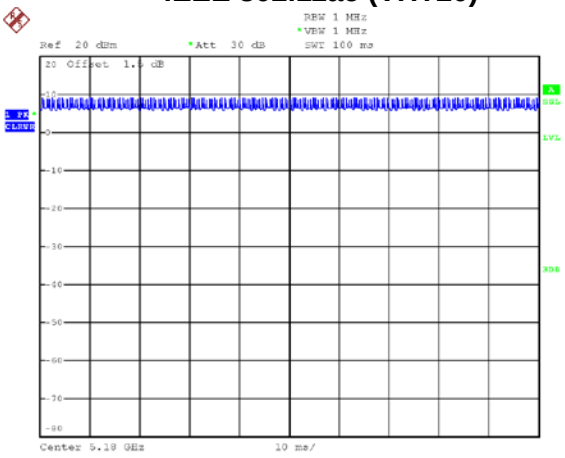
IEEE 802.11n (HT40)



Date: 6.AUG.2019 16:43:59

Duty cycle = 100.000 ms / 100.000 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

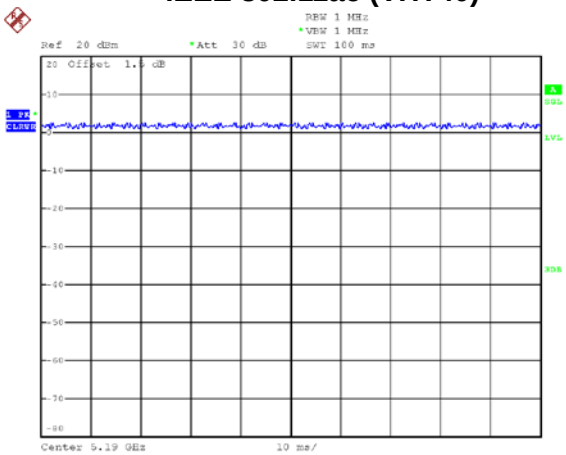
IEEE 802.11ac (VHT20)



Date: 6.AUG.2019 16:42:08

Duty cycle = 100.000 ms / 100.000 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

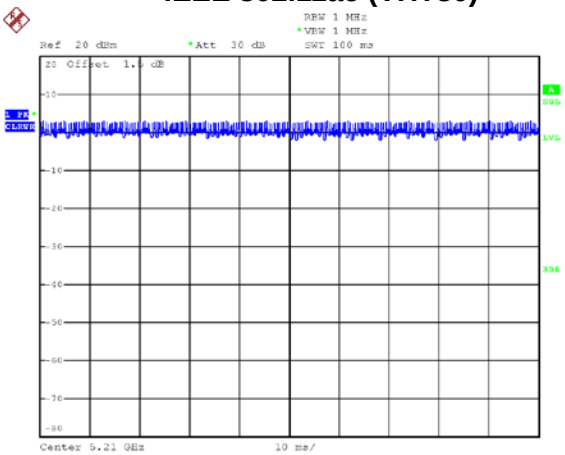
IEEE 802.11ac (VHT40)



Date: 6.AUG.2019 16:44:38

Duty cycle = 100.000 ms / 100.000 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

IEEE 802.11ac (VHT80)

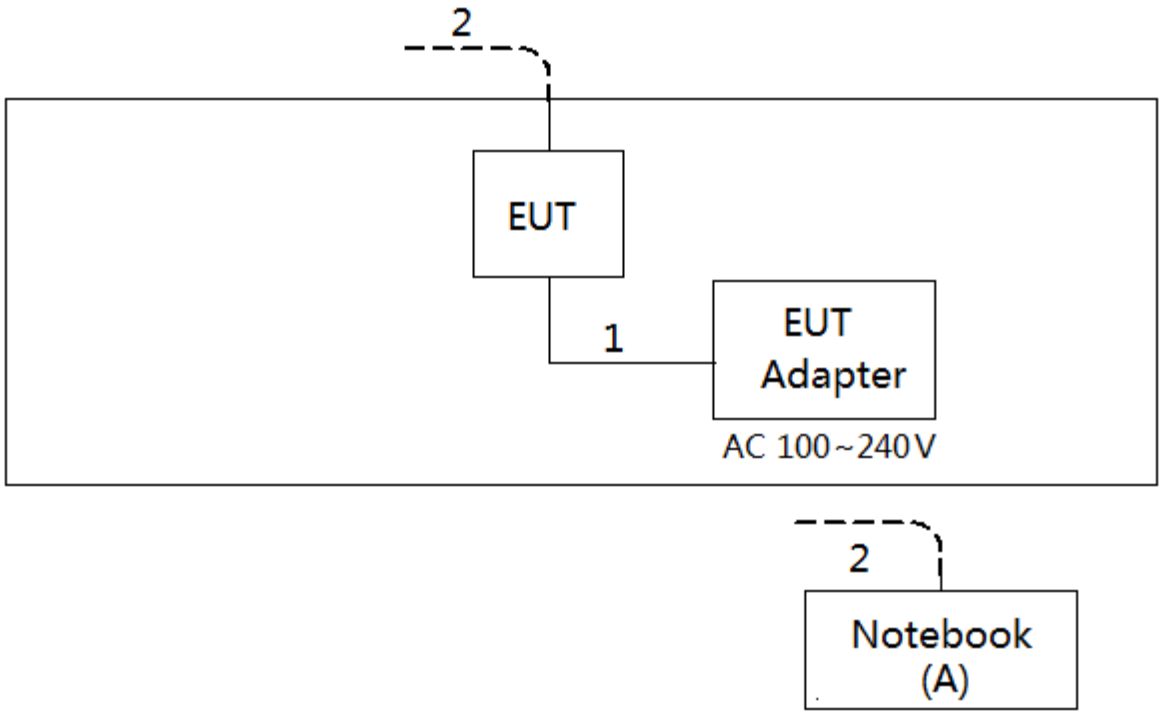


Date: 6.AUG.2019 16:45:21

Duty cycle = 100.000 ms / 100.000 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

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	Mfr/Brand	Model/Type No.	Series No.
A	Notebook	Lenovo	#P152014	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	N/A	N/A	1.5m
2	RJ45 Cable	N/A	N/A	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 - 46*
0.50 - 5.0	56	46
5.0 - 30.0	60	50

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

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

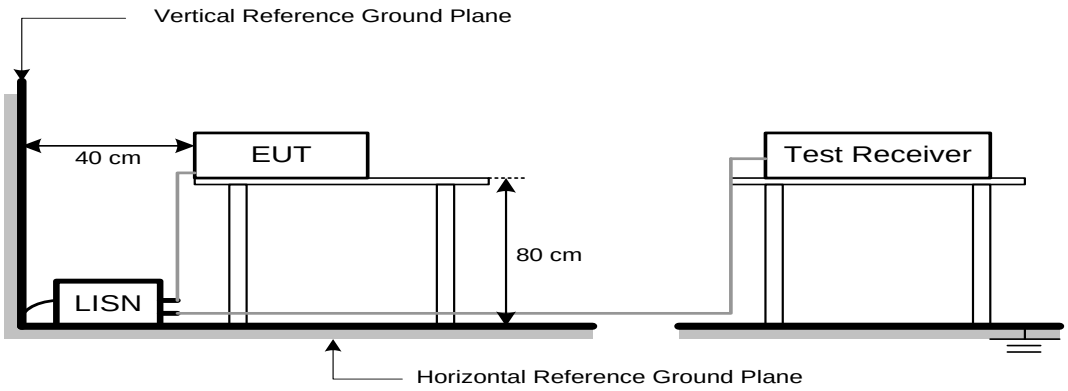
3.2 TEST PROCEDURE

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)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 NOTE (2)	68.3
	10 NOTE (2)	105.3
	15.6 NOTE (2)	110.9
	27 NOTE (2)	122.3

NOTE:

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

(2) According to 15.407(b)(4)(i), all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

4.2 TEST PROCEDURE

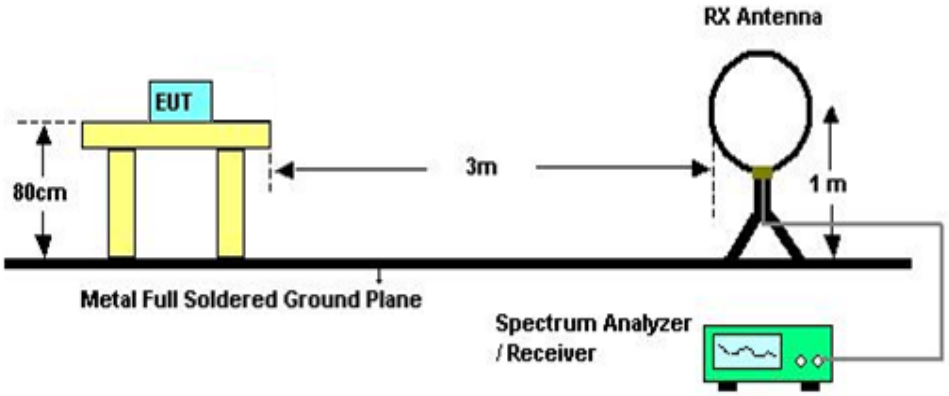
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

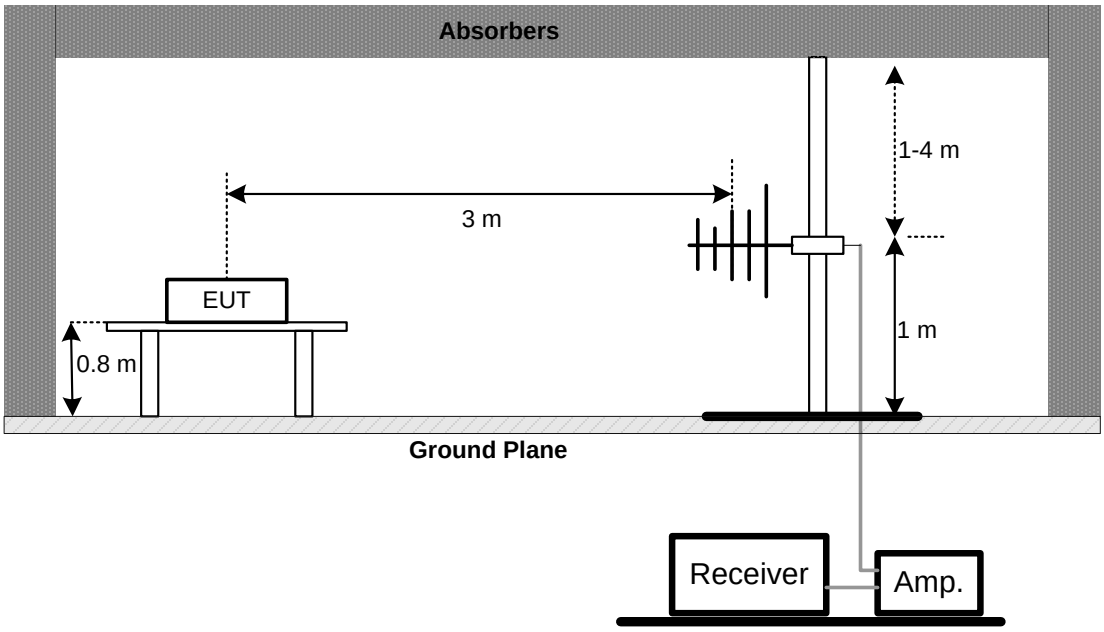
No deviation

4.4 TEST SETUP

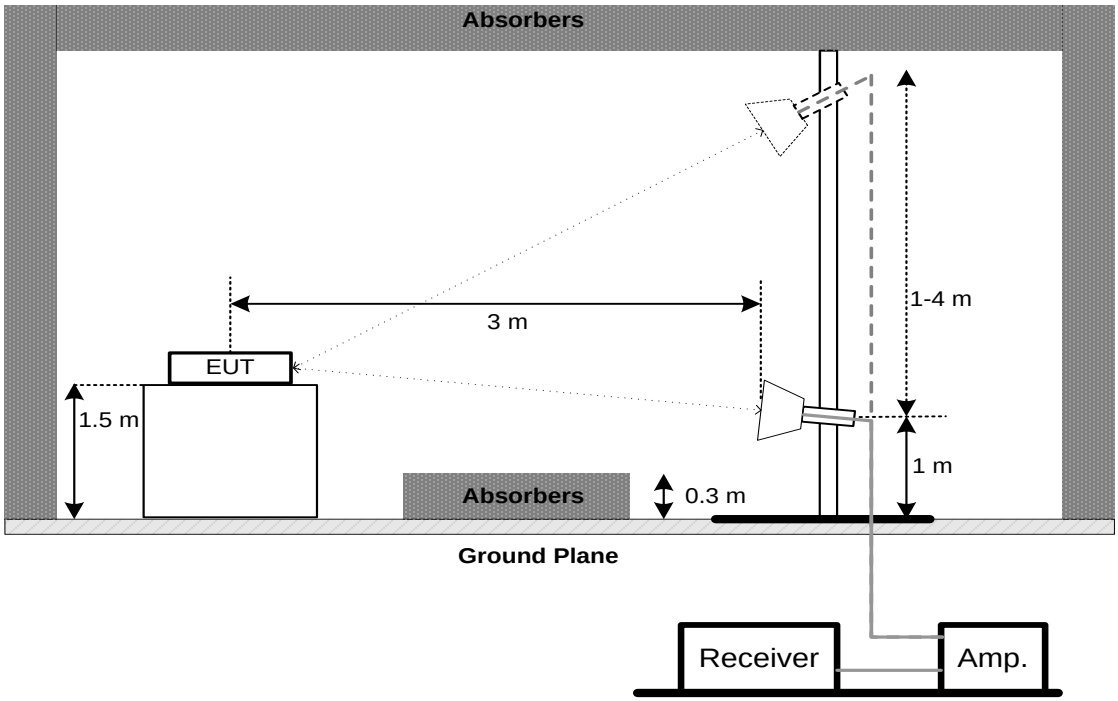
9 kHz to 30 MHz



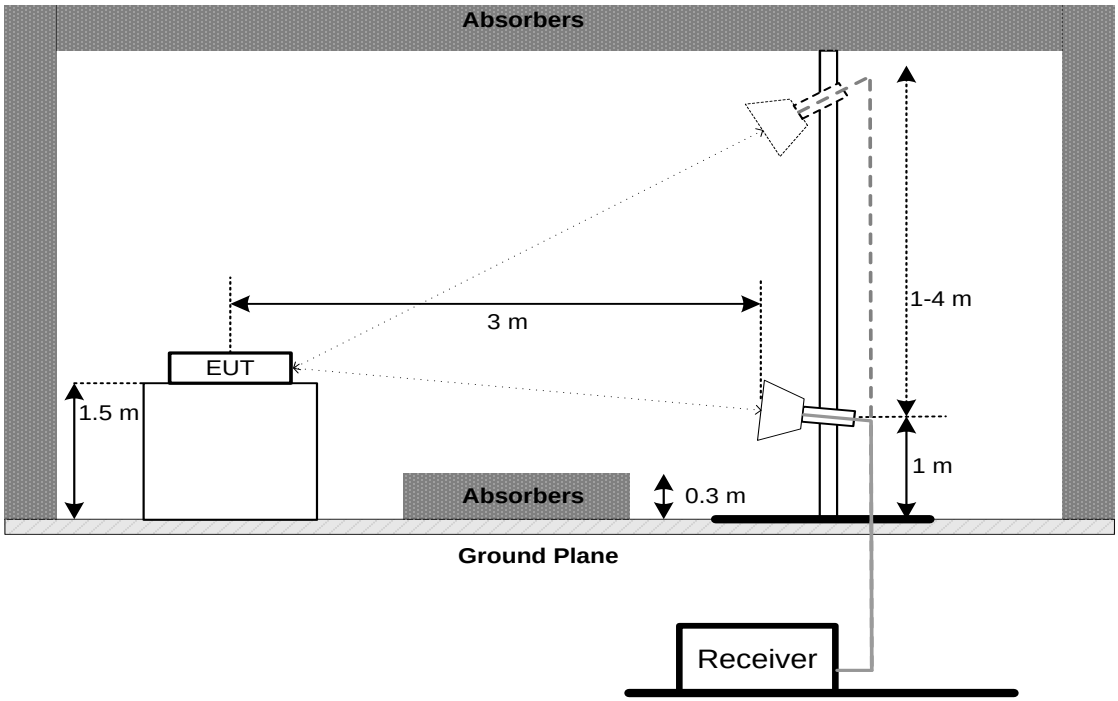
30 MHz to 1 GHz



Above 1 GHz



Above 1 GHz
Band edge



4.5 EUT OPERATION CONDITIONS

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

4.6 TEST RESULTS - 9 KHZ to 30 MHZ

Please refer to the APPENDIX B

Remark:

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

4.7 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) 15.407(e)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
	26 dB Bandwidth	-	5470-5725
	6 dB Bandwidth	Minimum 500 kHz	5725-5850

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. a. Spectrum Setting:
For UNII-1, UNII-2A, UNII-2C:

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

For UNII-3:

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

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

5.3 TEST PROCEDURE

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)	Conducted Output Power	AP device: 1 Watt (30 dBm) Client device: 250 mW (24 dBm)	5150-5250
		250 mW (24 dBm)	5250-5350
		250 mW (24 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

b. 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

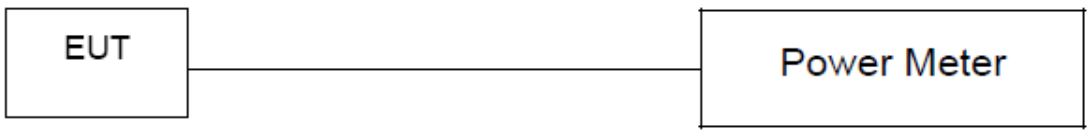
a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.

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	AP device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

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

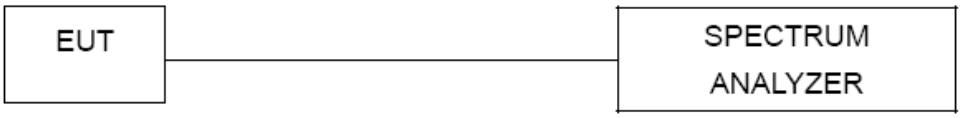
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 1 MHz and VBW at 3 MHz if the spectrum analyzer does not have 500 kHz RBW.
2. The value measured with RBW=1 MHz is to be added with 10log(500 kHz/1 MHz) which is -3 dB. For example, if the measured value is +10dBm using RBW=1 MHz (that is +10 dBm/MHz), then the converted value will be +7dBm/500kHz.

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 H.

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	Specified in the user's manual	5150-5250
			5250-5350
			5470-5725
			5725-5850

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

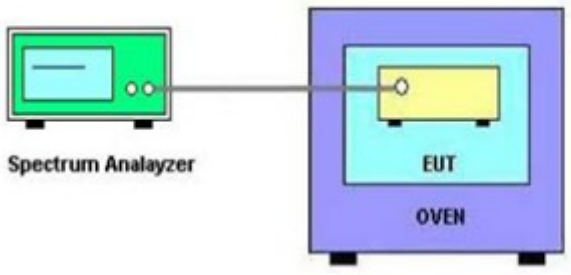
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~55°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 I.

9. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Line Impedance Stabilisation Network	Schwarzbeck	NNLK 8121	8121-822	Mar. 29, 2020
2	TWO-LINE V-NETWORK	R&S	ENV216	101340	Nov. 20, 2019
3	Test Cable	emci	EMCRG400-BM-NM-10000	170628	Apr. 17, 2020
4	EMI Test Receiver	R&S	ESCI	100082	Mar. 29, 2020
5	50Ω Terminator	SHX	TF2-1G-A	17051602	Mar. 29, 2020
6	50Ω coaxial switch	Anritsu	MP59B	6201750902	Mar. 29, 2020
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EMCI	EMCI LPA600	275	Mar. 29, 2020
2	EMI Test Receiver	R&S	ESCI	100082	Mar. 29, 2020
3	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	TRILOG Broadband Antenna	Schwarzbeck	VULB 9168	719	Mar. 29, 2020
2	Pre-Amplifier	emci	EMC9135	980400	Mar. 29, 2020
3	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 29, 2020
4	Test Cable	emci	EMC104-SM-SM-7000	170330	Apr. 17, 2020
5	Test Cable	emci	EMC104-SM-SM-1000	170331	Apr. 17, 2020
6	Test Cable	emci	EMC104-SM-NM-3500	170621	Apr. 17, 2020
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 Waveguide Horn Antenna	ETS-Lindgren	9120D	00206960	Mar. 29, 2020
2	Pre-Amplifier	emci	EMC012645SE	980421	Mar. 29, 2020
3	EXA Spectrum Analyzer	Keysight	N9010A	MY56480545	Mar. 29, 2020
4	Test Cable	emci	EMC104-SM-SM-7000	170330	Apr. 17, 2020
5	Test Cable	emci	EMC104-SM-SM-1000	170331	Apr. 17, 2020
6	Test Cable	emci	EMC104-SM-NM-3500	170621	Apr. 17, 2020
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 29, 2020

Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 29, 2020

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	Keysight	8990B	MY51000507	Mar. 29, 2020
2	Pulse Power Sensor	Keysight	N1923A	MY58310003	Mar. 29, 2020

Antenna Conducted Spurious Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 29, 2020

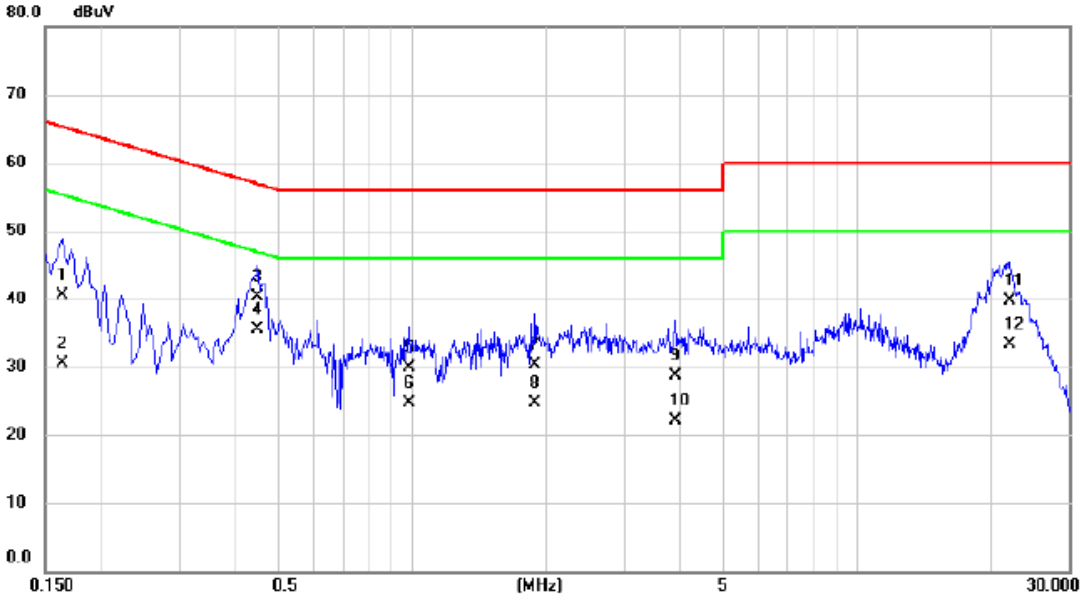
Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 29, 2020

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

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode:	TX Mode

Line

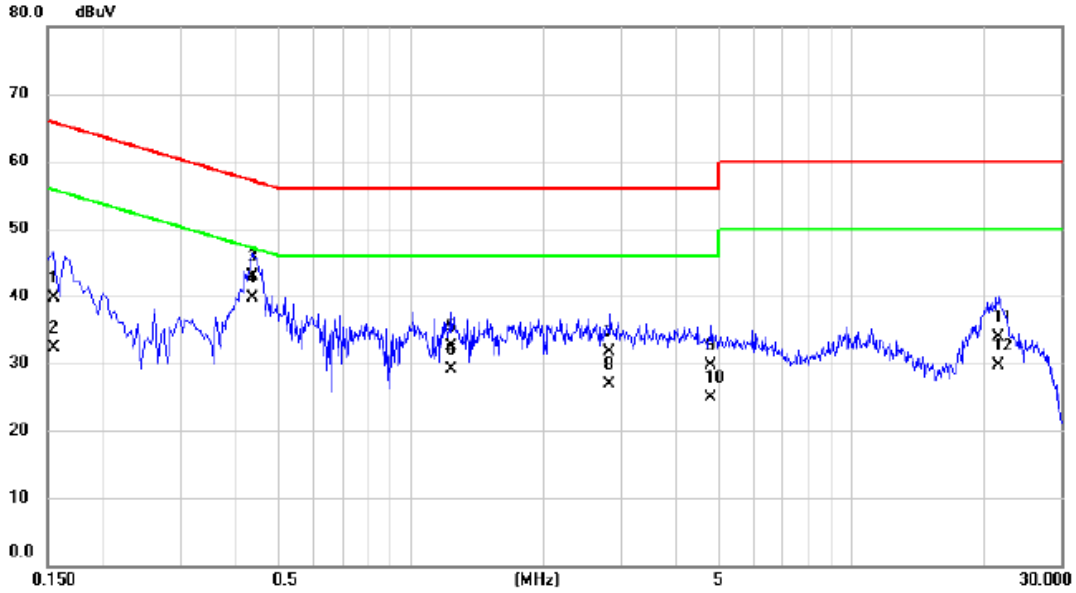


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1635	30.70	9.78	40.48	65.28	-24.80	QP	
2		0.1635	20.80	9.78	30.58	55.28	-24.70	AVG	
3		0.4515	30.30	9.95	40.25	56.85	-16.60	QP	
4	*	0.4515	25.60	9.95	35.55	46.85	-11.30	AVG	
5		0.9825	20.00	9.85	29.85	56.00	-26.15	QP	
6		0.9825	14.90	9.85	24.75	46.00	-21.25	AVG	
7		1.8915	20.40	9.97	30.37	56.00	-25.63	QP	
8		1.8915	14.80	9.97	24.77	46.00	-21.23	AVG	
9		3.9120	18.70	10.04	28.74	56.00	-27.26	QP	
10		3.9120	12.00	10.04	22.04	46.00	-23.96	AVG	
11		22.0425	29.30	10.38	39.68	60.00	-20.32	QP	
12		22.0425	22.90	10.38	33.28	50.00	-16.72	AVG	

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

Test Mode:	TX Mode

Neutral



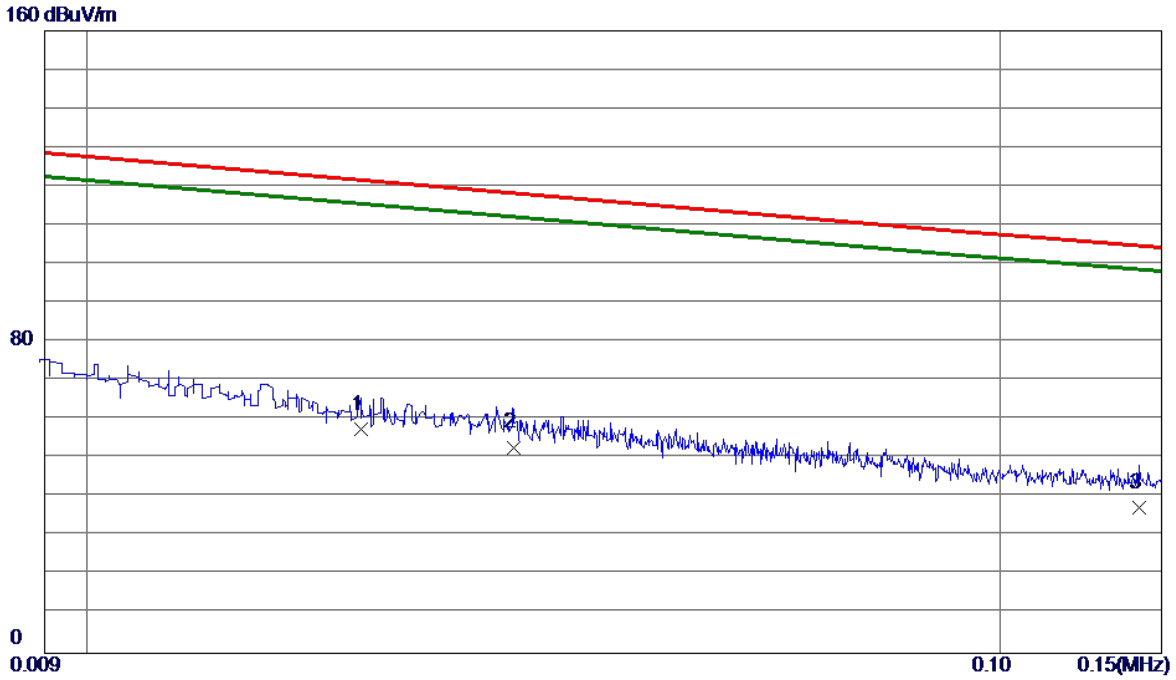
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	30.00	9.62	39.62	65.75	-26.13	QP	
2		0.1545	22.60	9.62	32.22	55.75	-23.53	AVG	
3		0.4380	33.10	9.78	42.88	57.10	-14.22	QP	
4	*	0.4380	30.00	9.78	39.78	47.10	-7.32	AVG	
5		1.2345	22.80	9.75	32.55	56.00	-23.45	QP	
6		1.2345	19.30	9.75	29.05	46.00	-16.95	AVG	
7		2.8275	21.60	10.01	31.61	56.00	-24.39	QP	
8		2.8275	16.90	10.01	26.91	46.00	-19.09	AVG	
9		4.8120	19.60	10.03	29.63	56.00	-26.37	QP	
10		4.8120	14.90	10.03	24.93	46.00	-21.07	AVG	
11		21.6285	23.70	10.11	33.81	60.00	-26.19	QP	
12		21.6285	19.50	10.11	29.61	50.00	-20.39	AVG	

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode:	TX Mode

Ant 0°

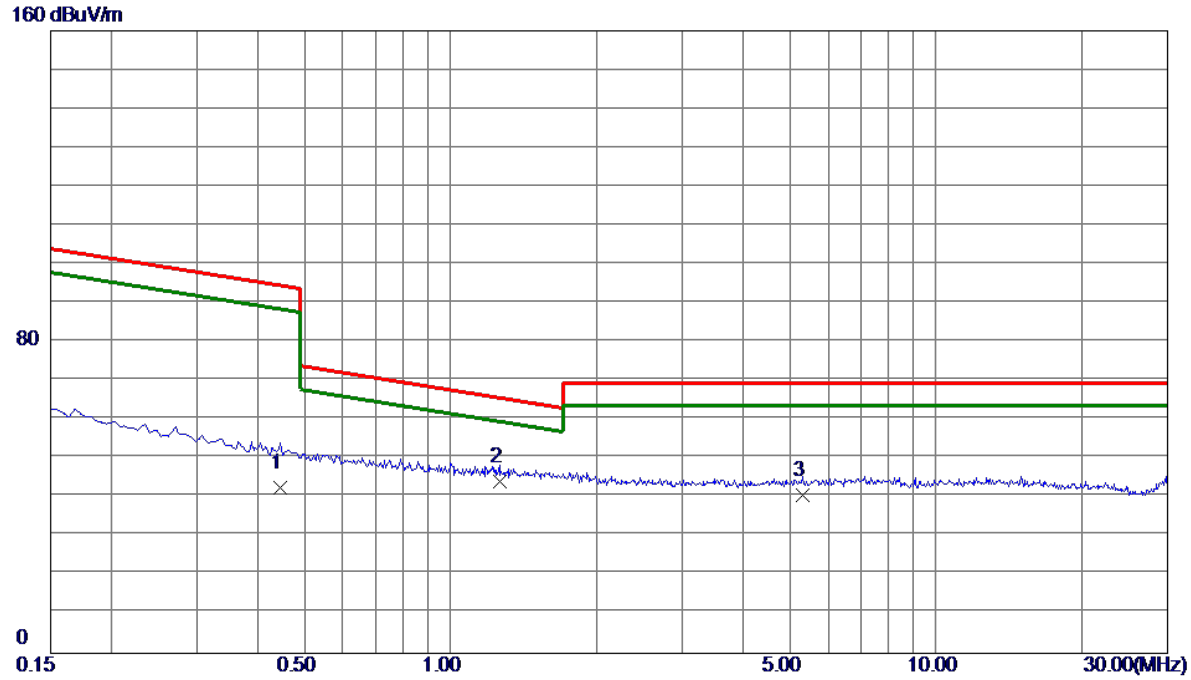


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0200	-14.67	72.30	57.63	125.78	-68.15	AVG	
2	0.0293	-16.90	69.86	52.96	123.48	-70.52	AVG	
3	0.1418	-18.06	55.53	37.47	105.69	-68.22	AVG	

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

Test Mode:	TX Mode

Ant 0°

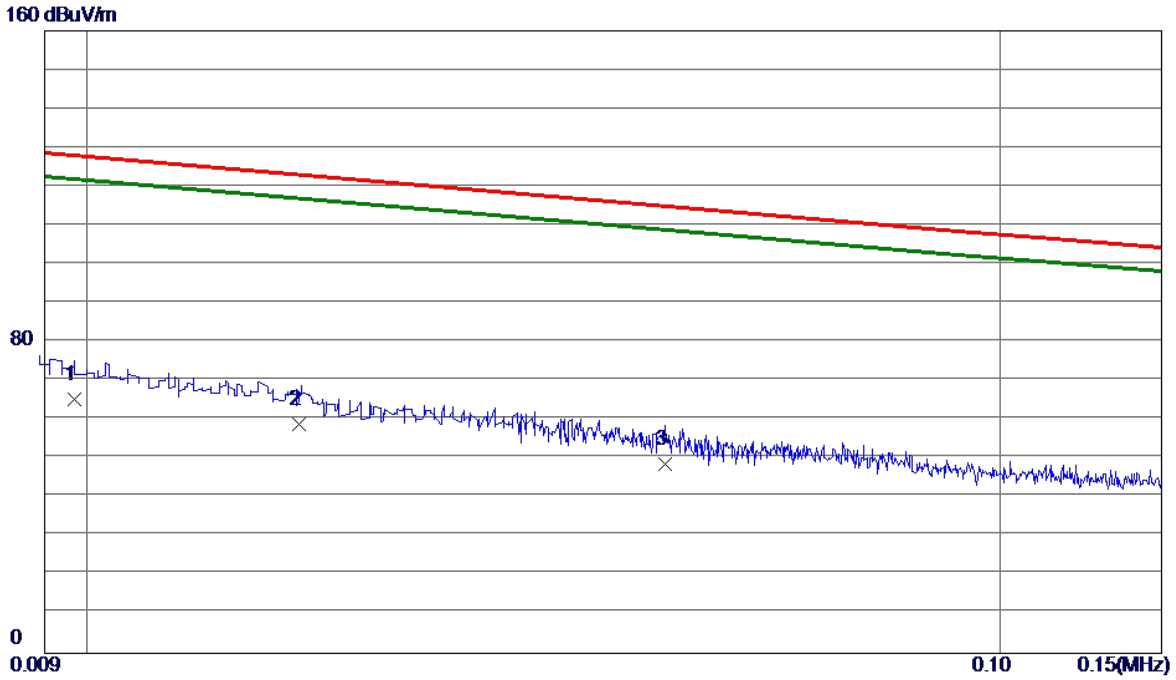


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.4470	-3.21	45.84	42.63	95.27	-52.64	AVG	
2 *	1.2614	3.64	40.57	44.21	66.92	-22.71	QP	
3	5.3160	2.79	37.73	40.52	69.54	-29.02	QP	

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

Test Mode:	TX Mode

Ant 90°

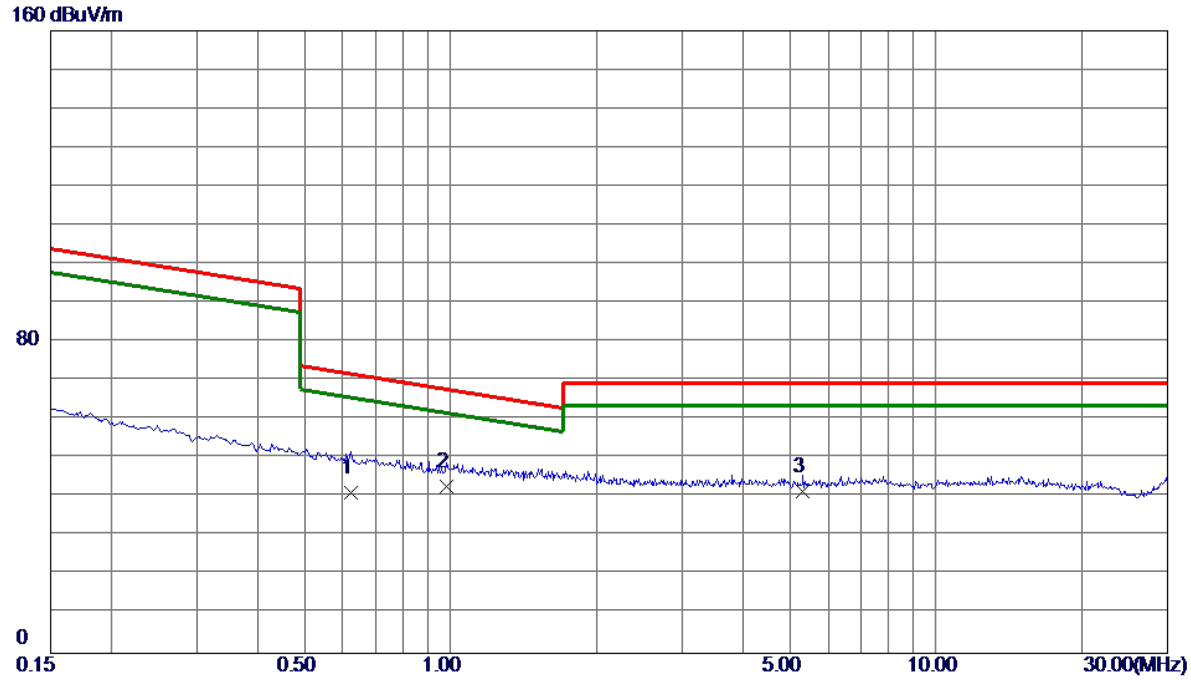


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0097	-13.43	78.75	65.32	128.32	-63.00	QP	
2	0.0171	-15.21	74.07	58.86	126.50	-67.64	AVG	
3	0.0430	-17.25	65.95	48.70	120.10	-71.40	AVG	

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

Test Mode:	TX Mode

Ant 90°



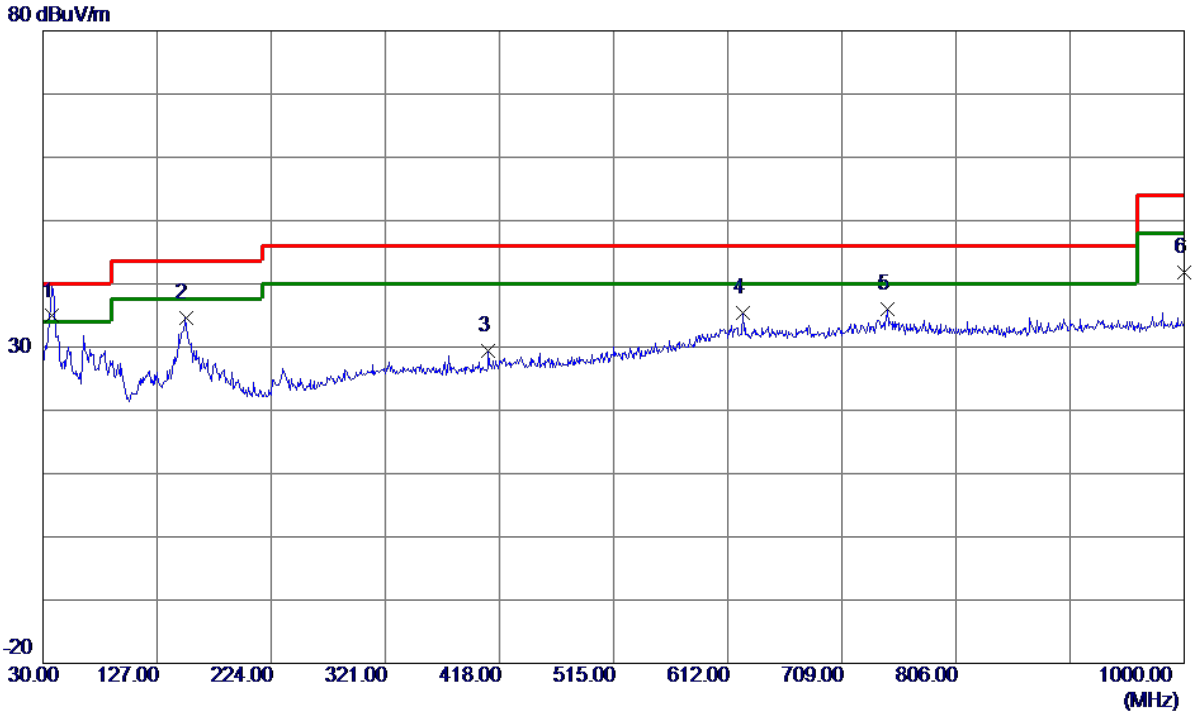
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.6221	-2.24	43.60	41.36	72.62	-31.26	QP	
2 *	0.9824	1.75	41.25	43.00	69.41	-26.41	QP	
3	5.3160	3.90	37.73	41.63	69.54	-27.91	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1 GHZ

Test Mode:	TX Mode

Vertical

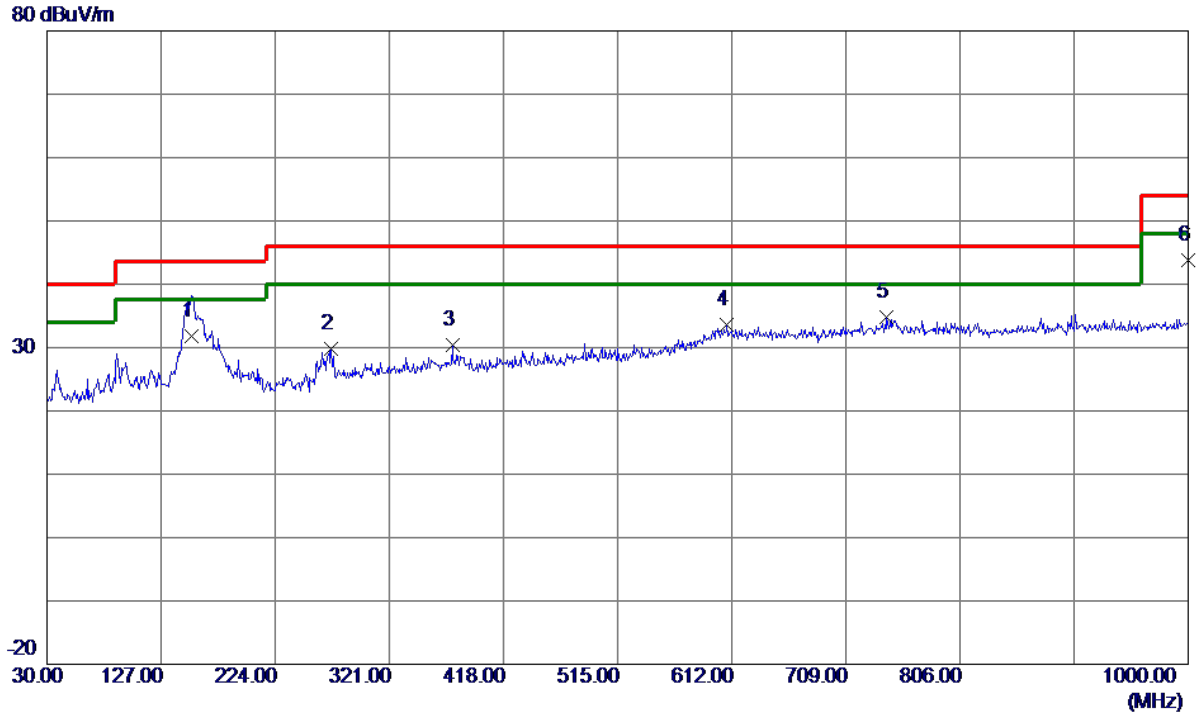


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	37.2750	51.82	-16.92	34.90	40.00	-5.10	QP	
2	151.2500	48.28	-13.63	34.65	43.50	-8.85	Peak	
3	408.7850	41.69	-12.31	29.38	46.00	-16.62	Peak	
4	625.0949	42.47	-7.13	35.34	46.00	-10.66	Peak	
5	748.2849	41.91	-5.99	35.92	46.00	-10.08	Peak	
6	1000.0000	47.23	-5.46	41.77	54.00	-12.23	Peak	

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

Test Mode:	TX Mode

Horizontal



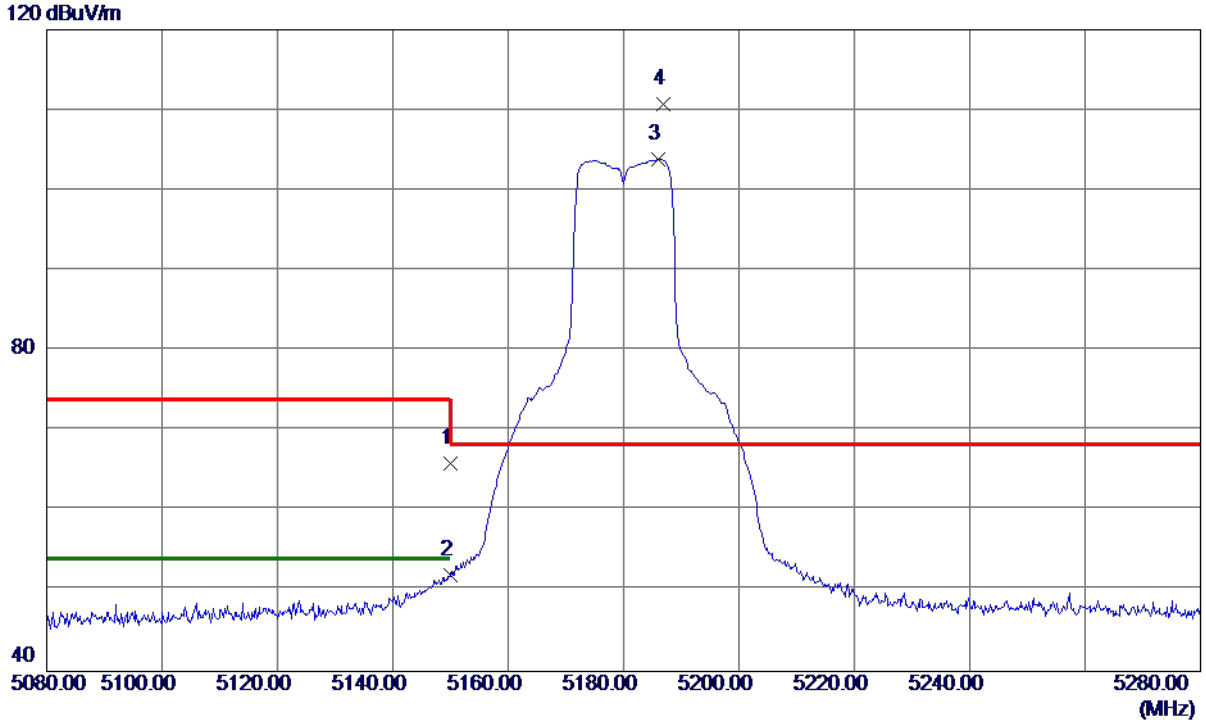
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	153.1900	45.53	-13.73	31.80	43.50	-11.70	QP	
2	271.5300	44.53	-14.73	29.80	46.00	-16.20	Peak	
3	374.8350	43.04	-12.73	30.31	46.00	-15.69	Peak	
4	608.1200	40.75	-7.22	33.53	46.00	-12.47	Peak	
5	743.9200	40.86	-6.08	34.78	46.00	-11.22	Peak	
6 *	1000.0000	49.20	-5.46	43.74	54.00	-10.26	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-1_TX A Mode 5180 MHz

Vertical

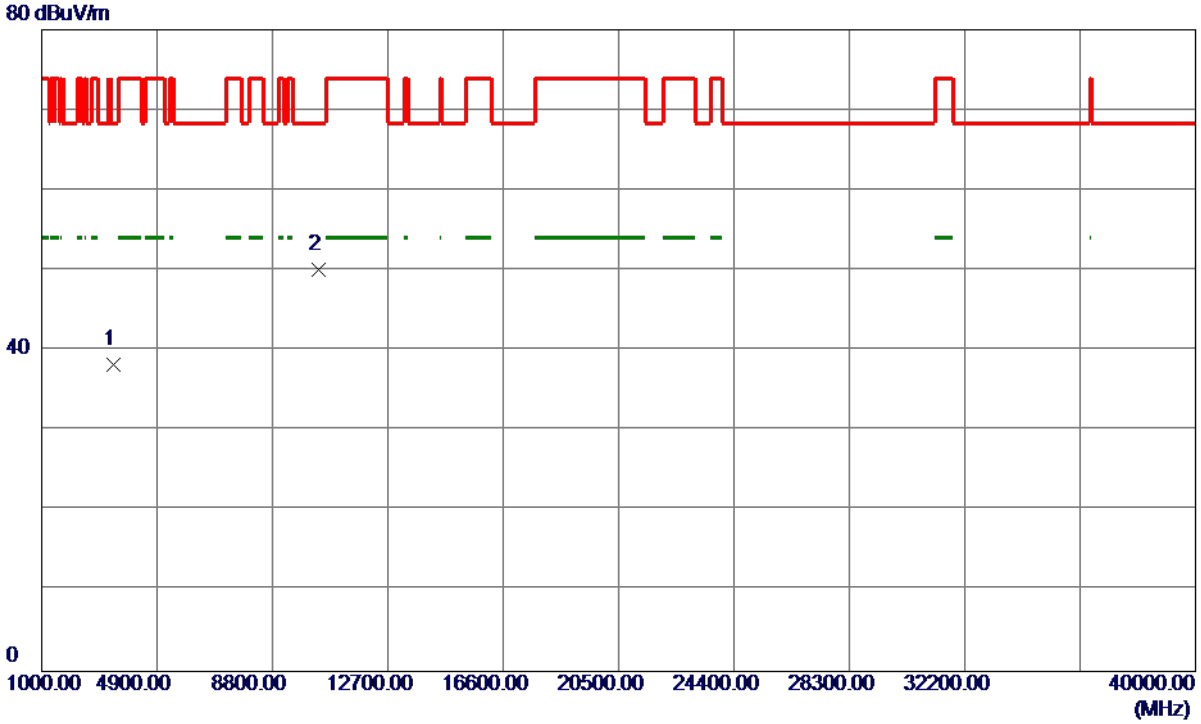


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	26.15	39.77	65.92	74.00	-8.08	Peak	
2	5150.0000	12.19	39.77	51.96	54.00	-2.04	AVG	
3	5186.1000	63.96	39.81	103.77	999.00	-895.23	AVG	No limiti
4 *	5186.9000	70.85	39.81	110.66	68.30	42.36	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5180 MHz

Vertical

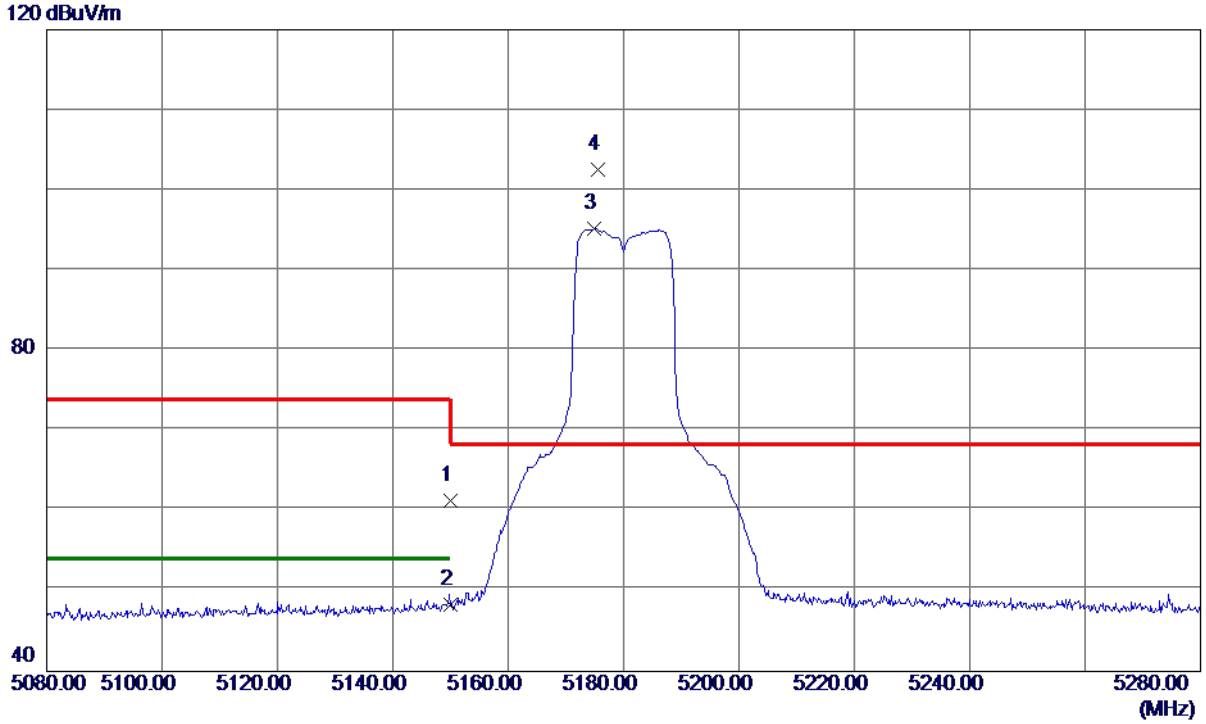


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3433.7330	51.59	-13.42	38.17	68.30	-30.13	Peak	
2 *	10357.5000	47.67	2.48	50.15	68.30	-18.15	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5180 MHz

Horizontal

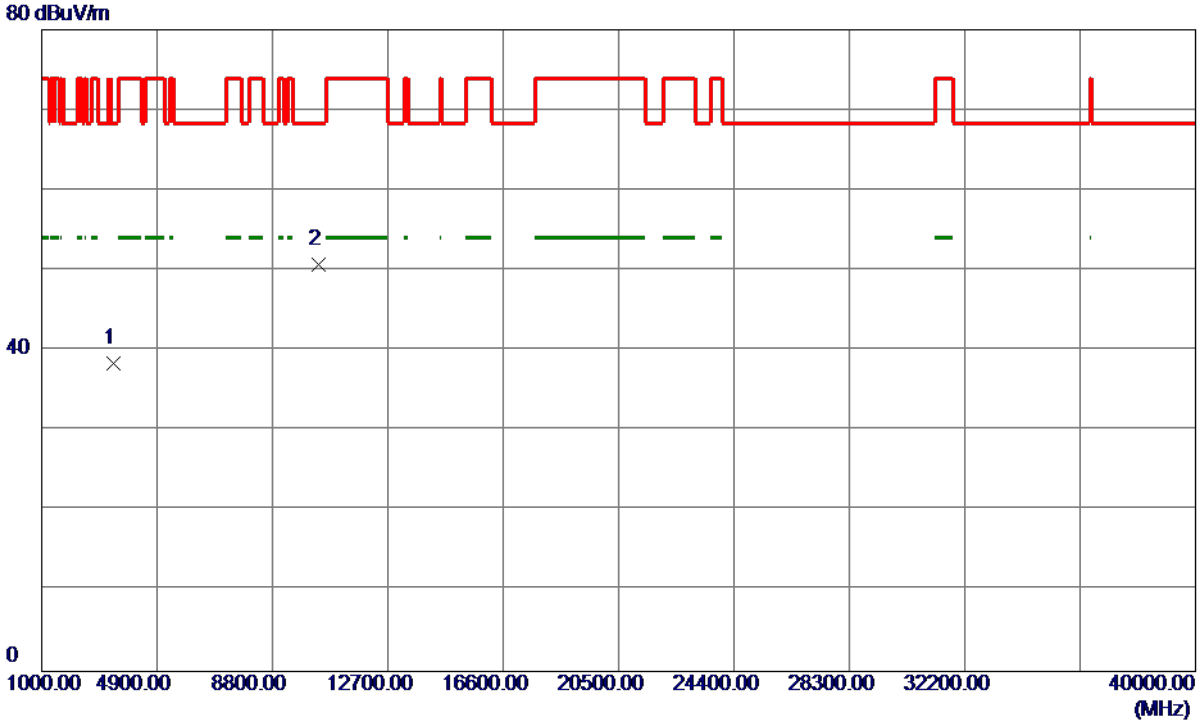


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.54	39.77	61.31	74.00	-12.69	Peak	
2	5150.0000	8.54	39.77	48.31	54.00	-5.69	AVG	
3	5174.9000	55.40	39.80	95.20	999.00	-903.80	AVG	No limiti
4 *	5175.5000	62.82	39.80	102.62	68.30	34.32	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5180 MHz

Horizontal

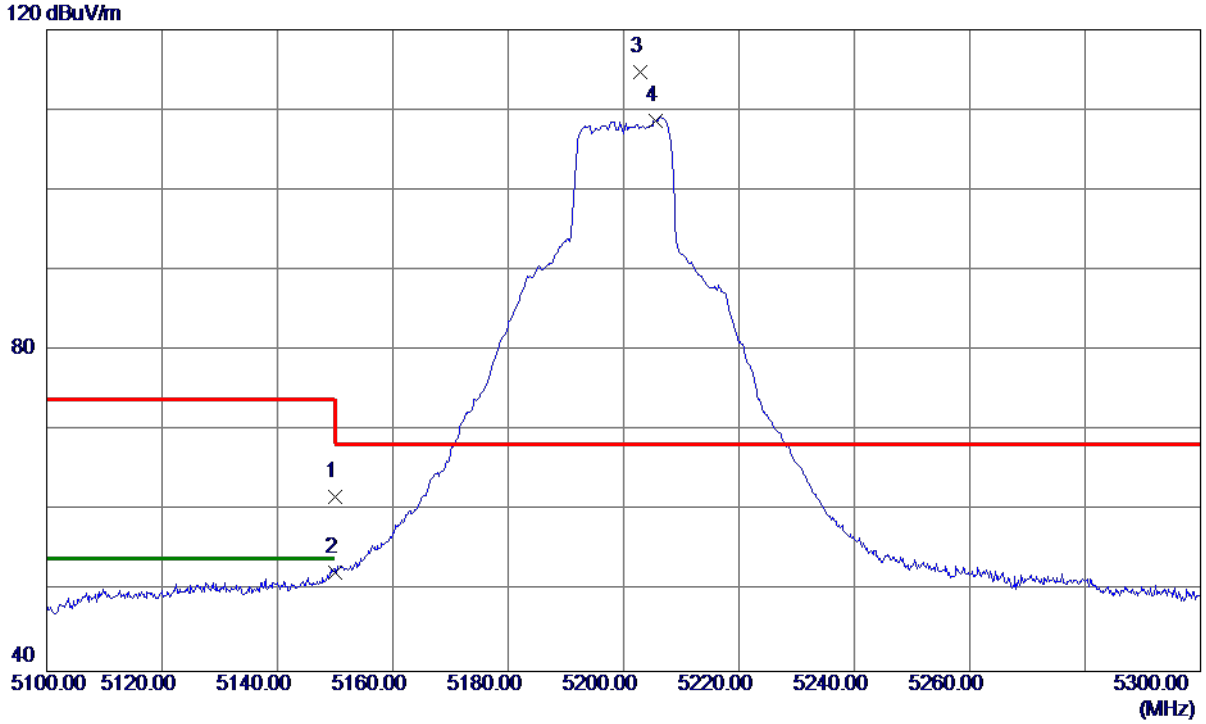


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3431.1830	51.80	-13.42	38.38	68.30	-29.92	Peak	
2 *	10361.9400	48.19	2.48	50.67	68.30	-17.63	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Vertical

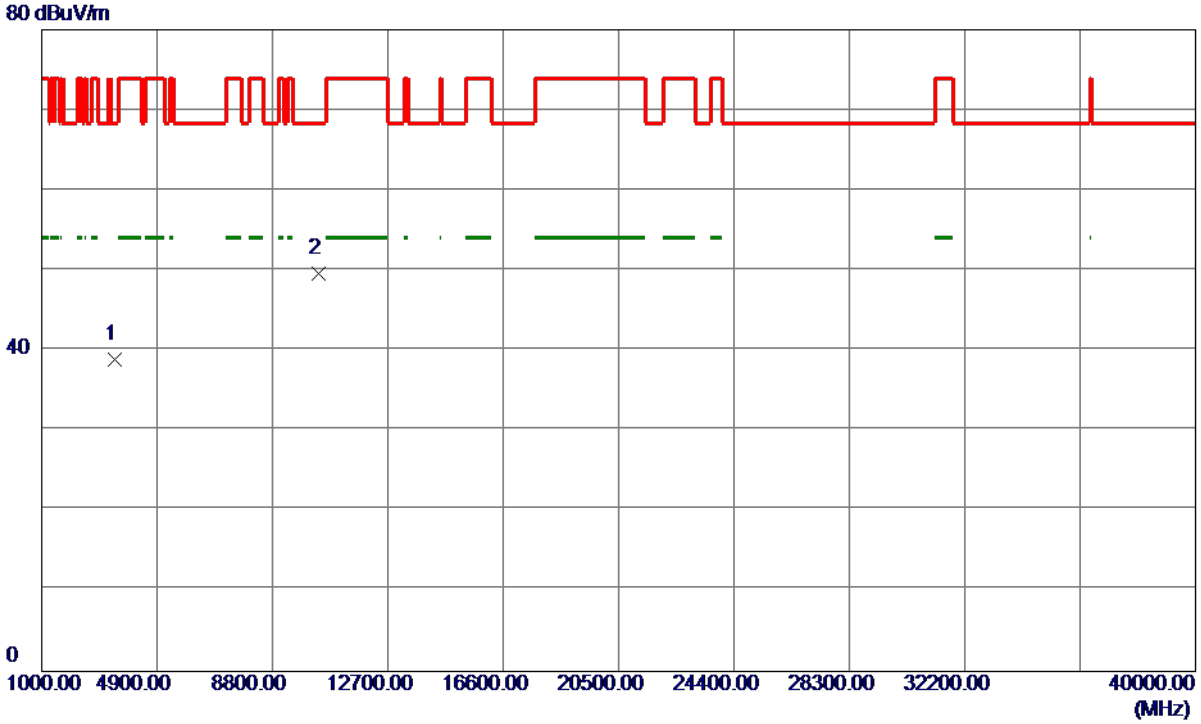


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.99	39.77	61.76	74.00	-12.24	Peak	
2	5150.0000	12.56	39.77	52.33	54.00	-1.67	AVG	
3 *	5202.9000	74.84	39.83	114.67	68.30	46.37	Peak	No limiti
4	5205.5000	68.80	39.84	108.64	999.00	-890.36	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Vertical

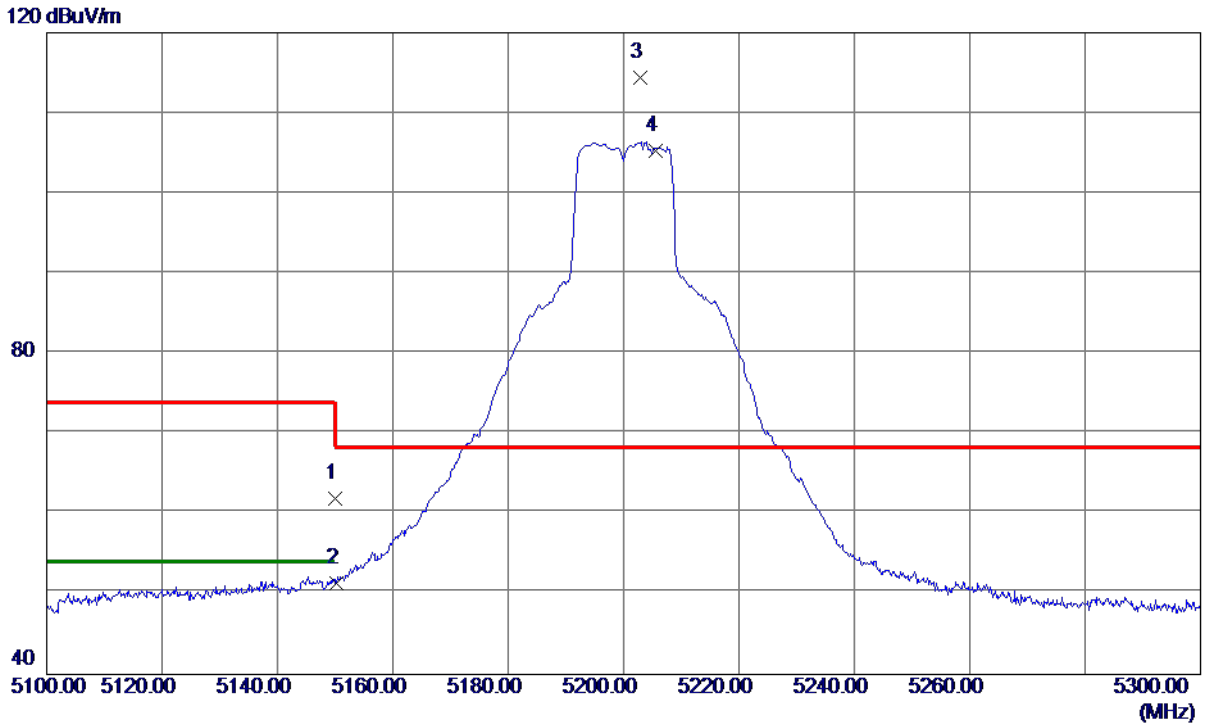


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3472.7170	52.23	-13.39	38.84	68.30	-29.46	Peak	
2 *	10375.0000	47.06	2.47	49.53	68.30	-18.77	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Horizontal

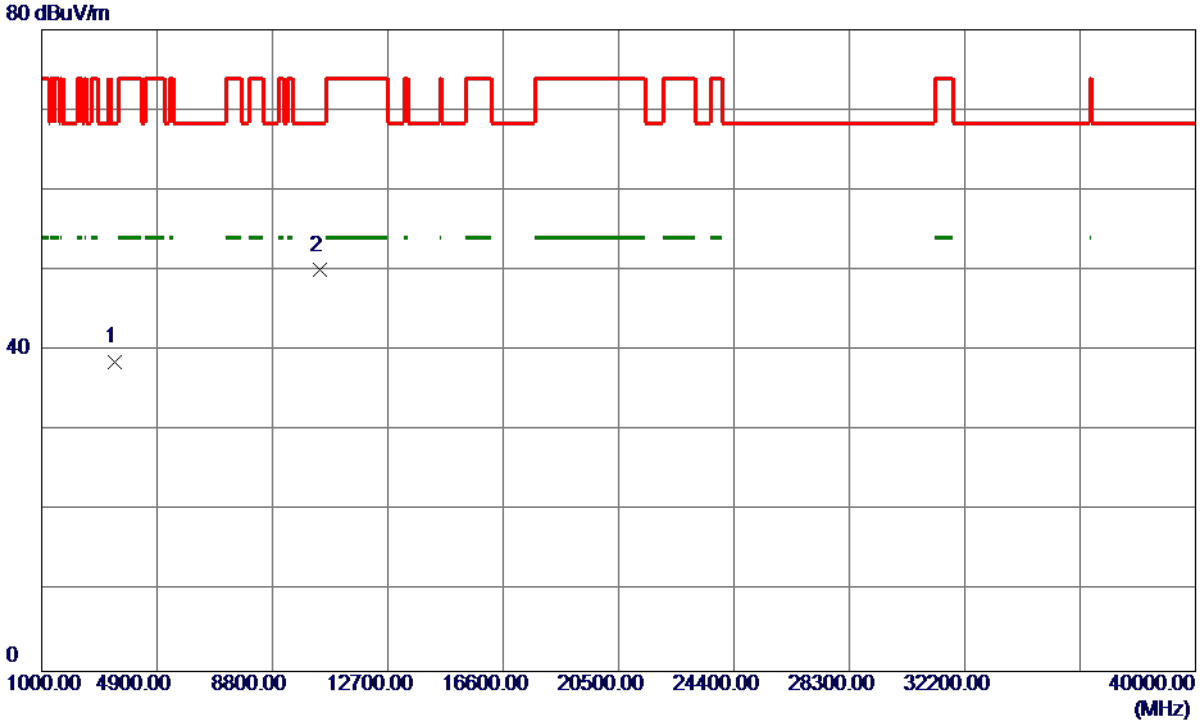


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	22.16	39.77	61.93	74.00	-12.07	peak	
2		5150.300	11.61	39.77	51.38	68.30	-16.92	AVG	
3	*	5202.900	74.64	39.83	114.47	68.30	46.17	peak	No limiti
4	X	5205.500	65.51	39.83	105.34	68.30	37.04	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5200 MHz

Horizontal

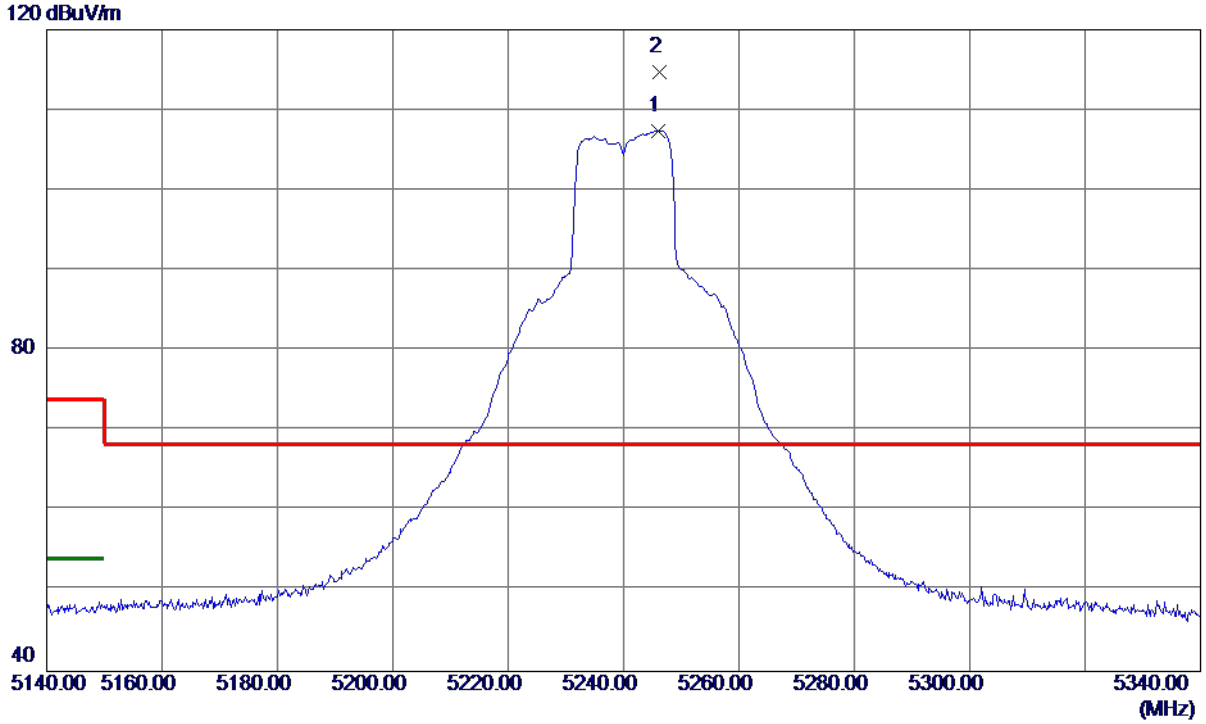


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3468.7170	51.88	-13.39	38.49	68.30	-29.81	Peak	
2 *	10391.6500	47.54	2.46	50.00	68.30	-18.30	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Vertical

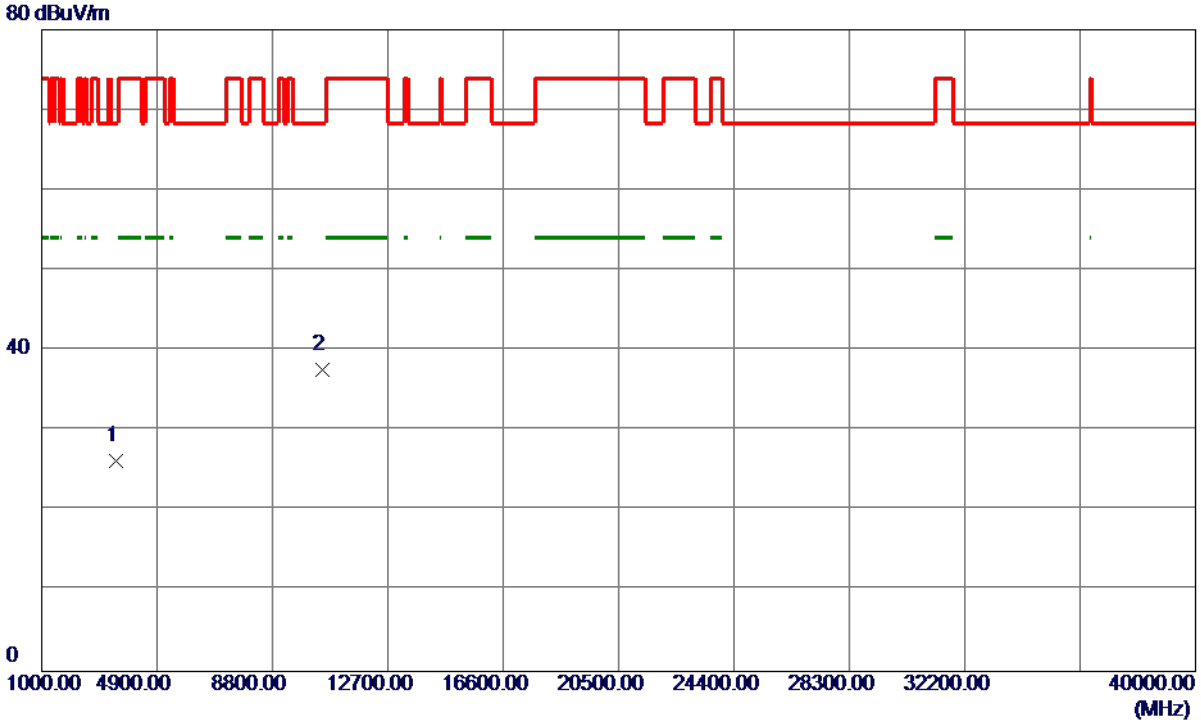


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5246.1000	67.52	39.89	107.41	999.00	-891.59	AVG	No limiti
2 *	5246.3000	74.85	39.89	114.74	68.30	46.44	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Vertical

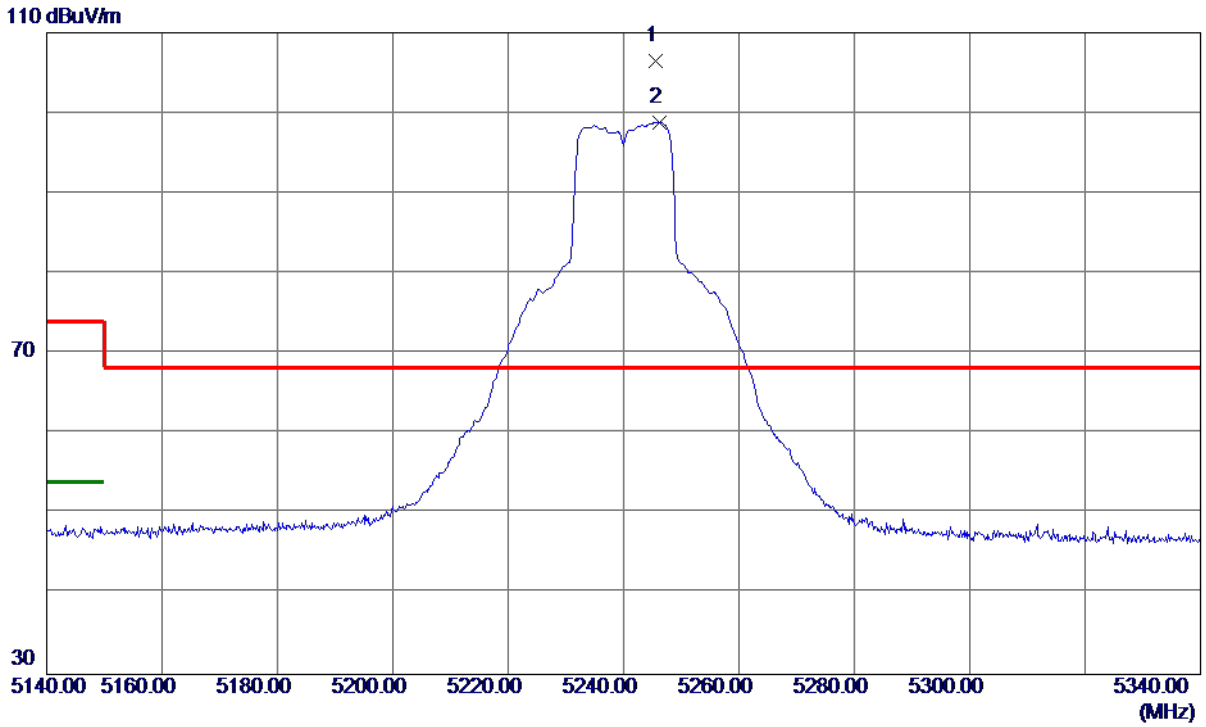


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3500.1000	39.67	-13.37	26.30	68.30	-42.00	Peak	
2 *	10480.0000	35.27	2.40	37.67	68.30	-30.63	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Horizontal

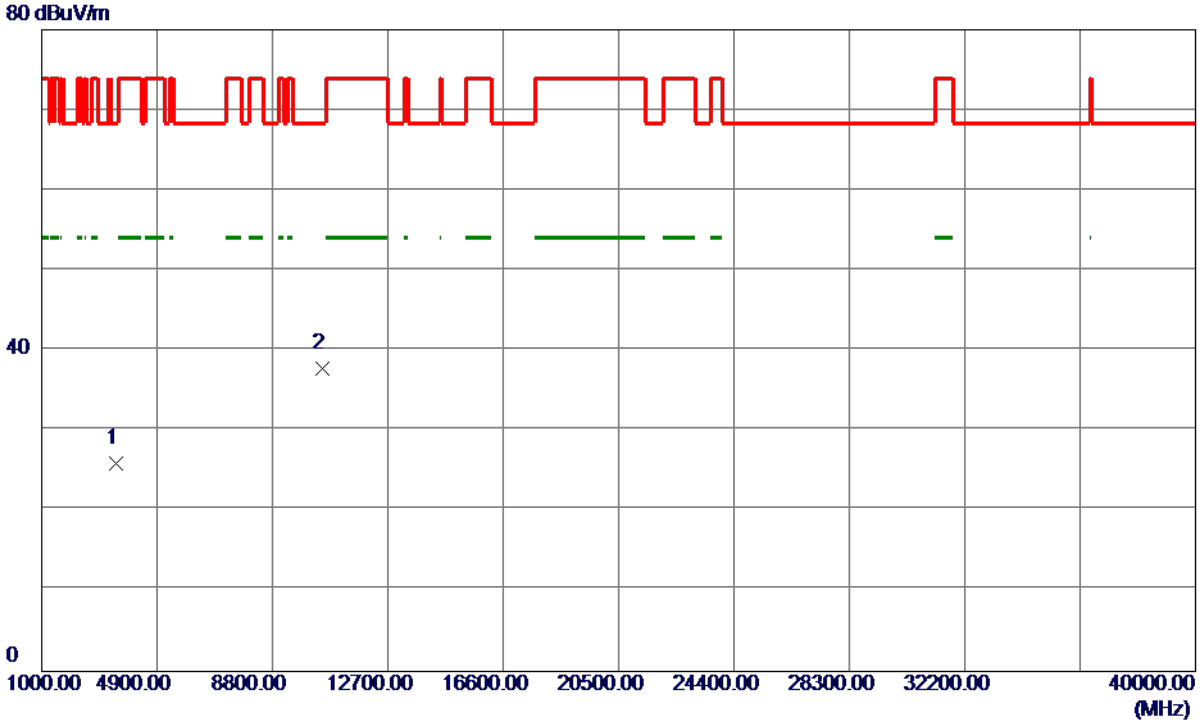


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.6000	66.59	39.88	106.47	68.30	38.17	Peak	No limiti
2	5246.2000	58.89	39.89	98.78	999.00	-900.22	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5240 MHz

Horizontal

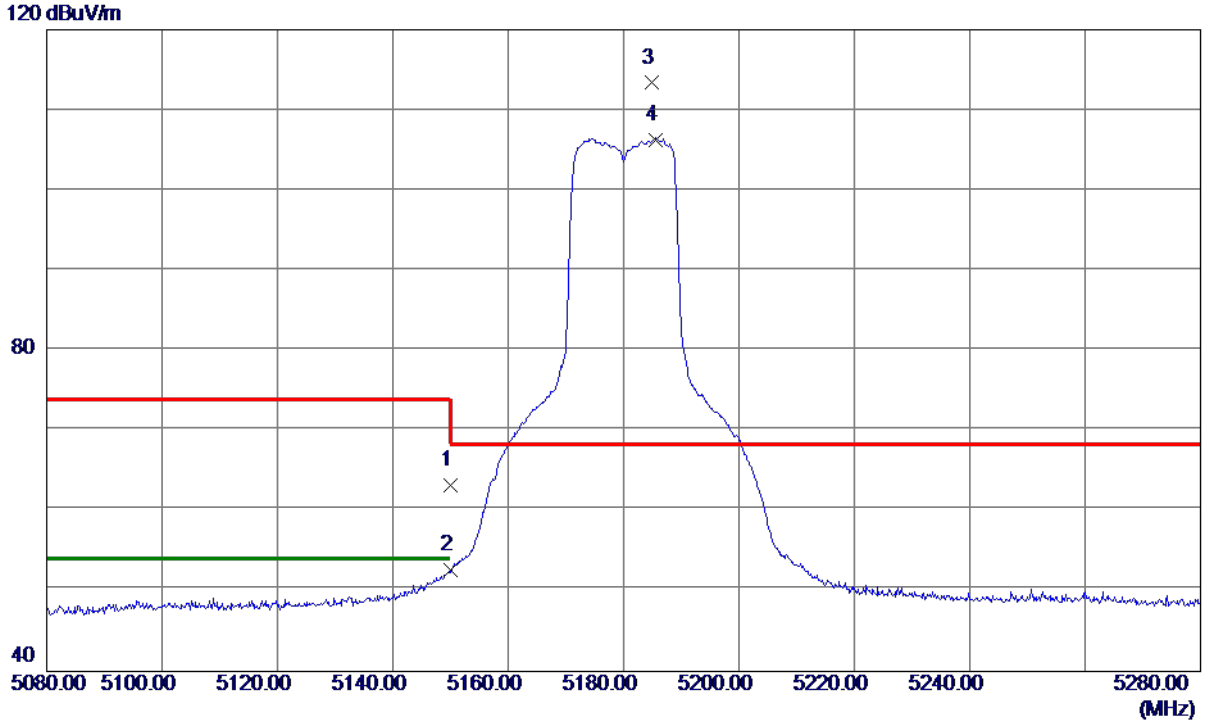


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3513.6500	39.26	-13.33	25.93	68.30	-42.37	Peak	
2 *	10471.6200	35.33	2.41	37.74	68.30	-30.56	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5180 MHz

Vertical

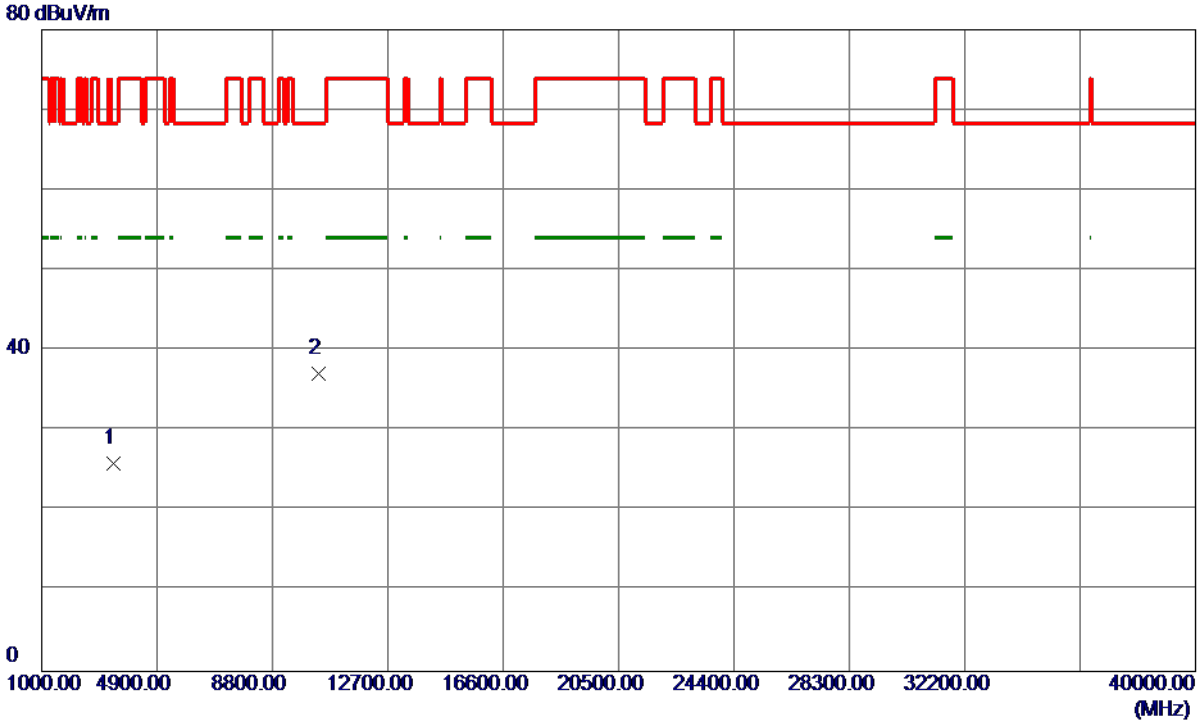


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.45	39.77	63.22	74.00	-10.78	Peak	
2	5150.0000	12.89	39.77	52.66	54.00	-1.34	AVG	
3 *	5184.9000	73.55	39.81	113.36	68.30	45.06	Peak	No limiti
4	5185.5000	66.36	39.81	106.17	999.00	-892.83	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5180 MHz

Vertical

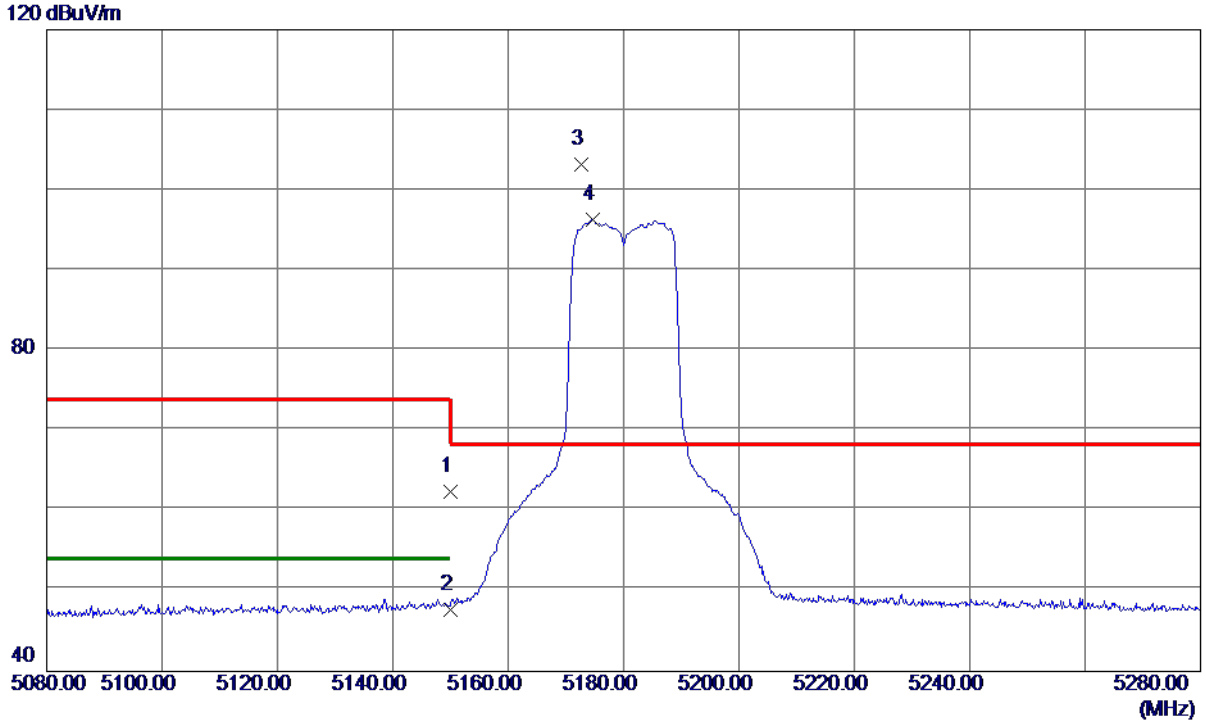


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3436.9830	39.40	-13.42	25.98	68.30	-42.32	Peak	
2 *	10361.4000	34.60	2.48	37.08	68.30	-31.22	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5180 MHz

Horizontal

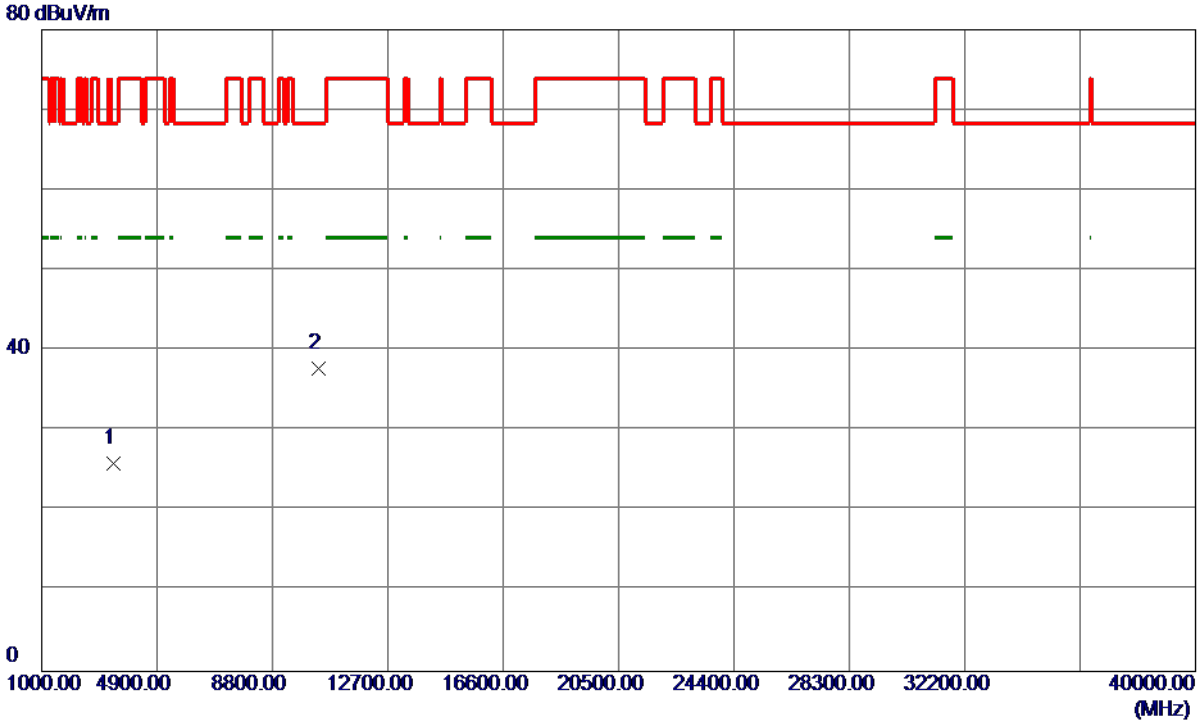


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.59	39.77	62.36	74.00	-11.64	Peak	
2	5150.0000	7.93	39.77	47.70	54.00	-6.30	AVG	
3 *	5172.7000	63.35	39.80	103.15	68.30	34.85	Peak	No limiti
4	5174.6000	56.51	39.80	96.31	999.00	-902.69	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5180 MHz

Horizontal

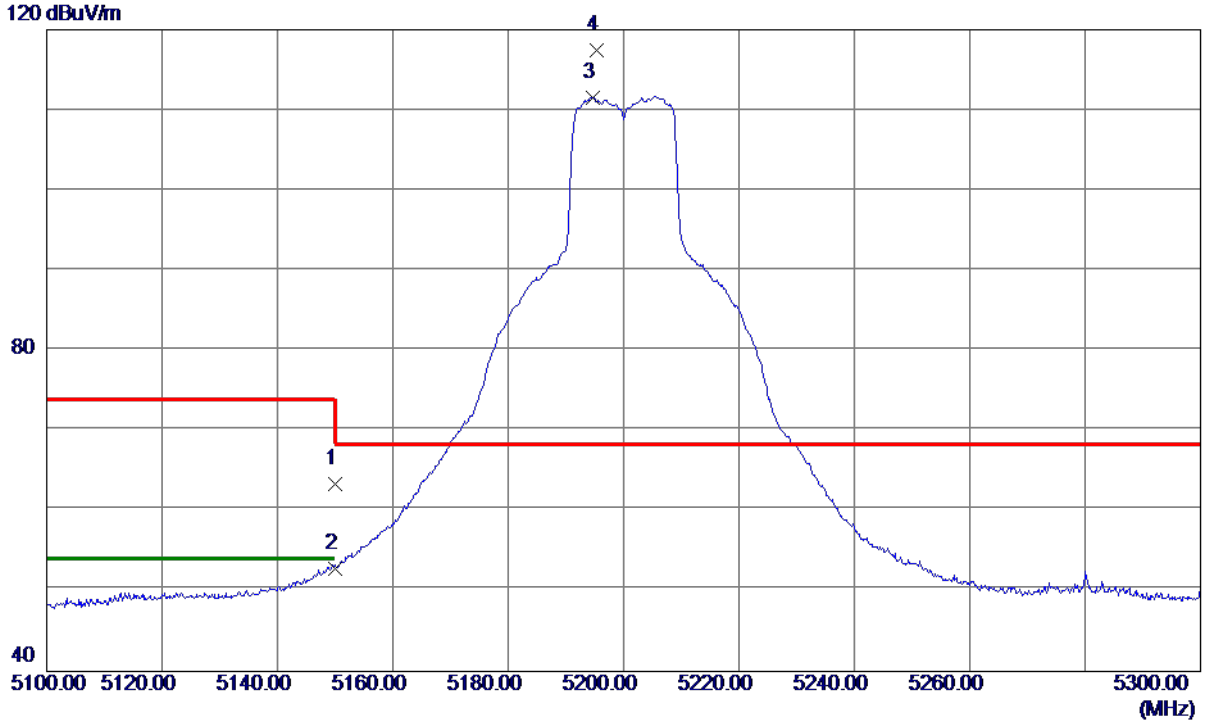


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3430.7330	39.36	-13.42	25.94	68.30	-42.36	Peak	
2 *	10347.5500	35.20	2.49	37.69	68.30	-30.61	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5200 MHz

Vertical

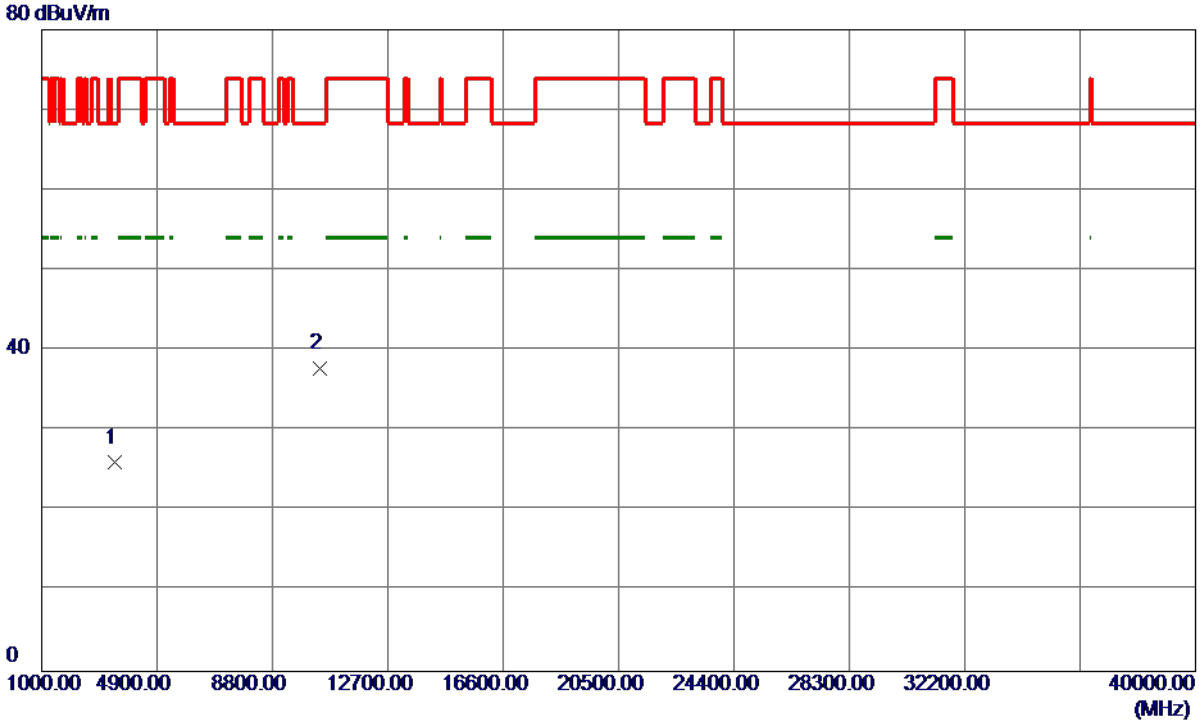


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.66	39.77	63.43	74.00	-10.57	Peak	
2	5150.0000	13.08	39.77	52.85	54.00	-1.15	AVG	
3	5194.6000	71.75	39.82	111.57	999.00	-887.43	AVG	No limiti
4 *	5195.3000	77.60	39.82	117.42	68.30	49.12	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5200 MHz

Vertical

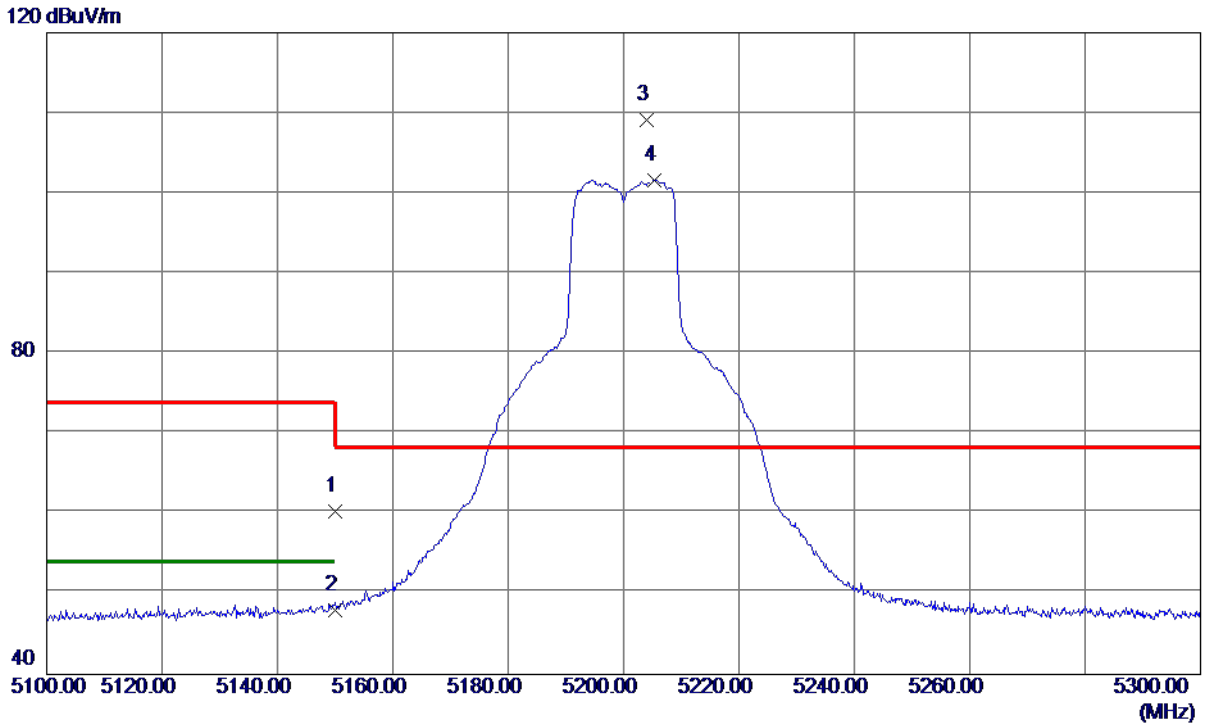


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3452.4670	39.40	-13.40	26.00	68.30	-42.30	Peak	
2 *	10422.8500	35.37	2.44	37.81	68.30	-30.49	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5200 MHz

Horizontal

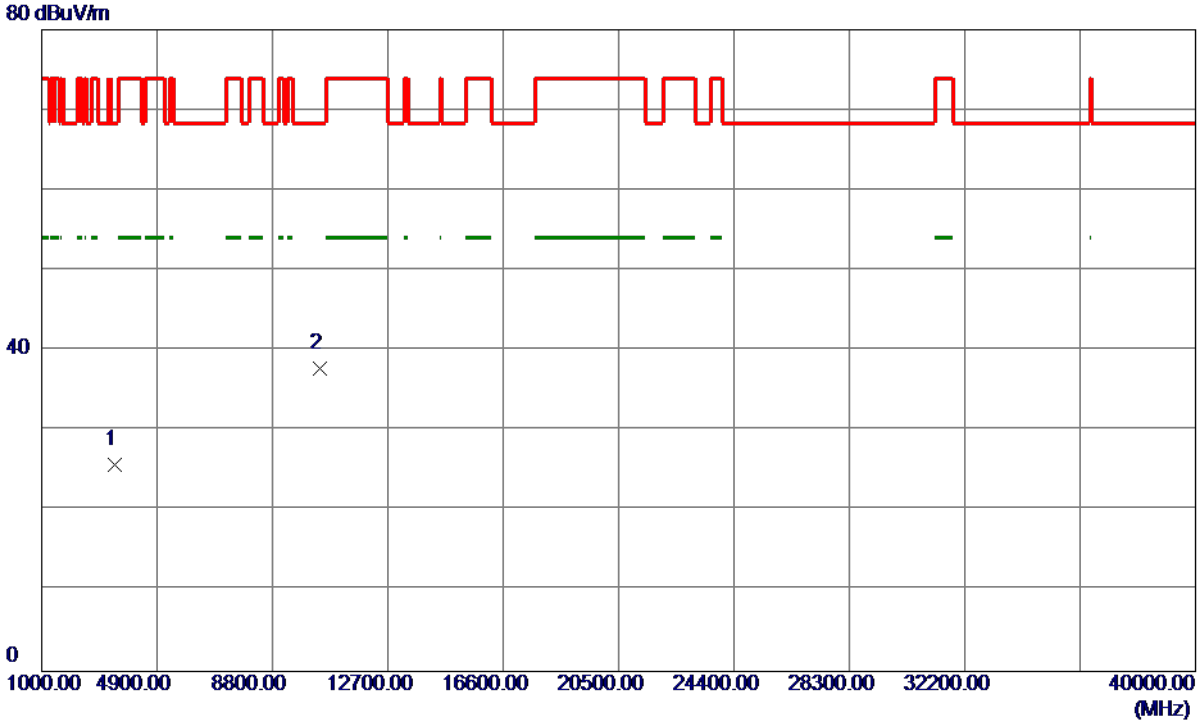


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.56	39.77	60.33	74.00	-13.67	Peak	
2	5150.0000	8.16	39.77	47.93	54.00	-6.07	AVG	
3 *	5204.1000	69.24	39.83	109.07	68.30	40.77	Peak	No limiti
4	5205.4000	61.83	39.84	101.67	999.00	-897.33	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5200 MHz

Horizontal

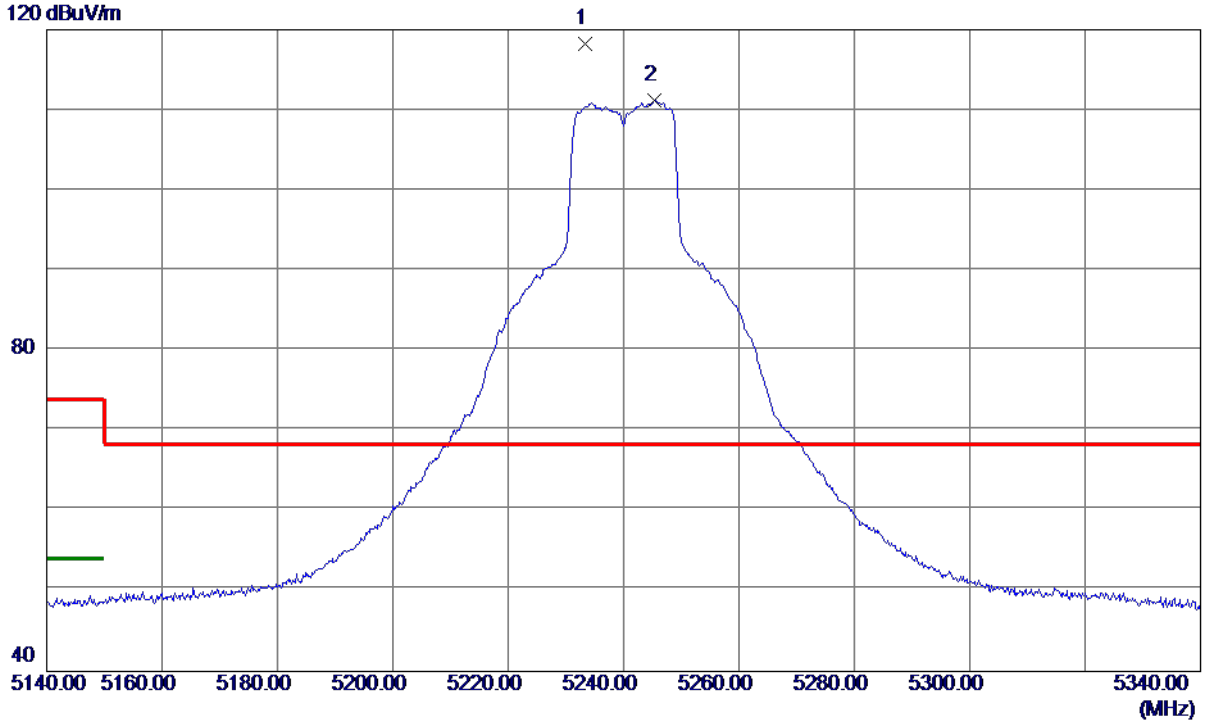


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3461.3170	39.09	-13.40	25.69	68.30	-42.61	Peak	
2 *	10418.4000	35.33	2.44	37.77	68.30	-30.53	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5240 MHz

Vertical

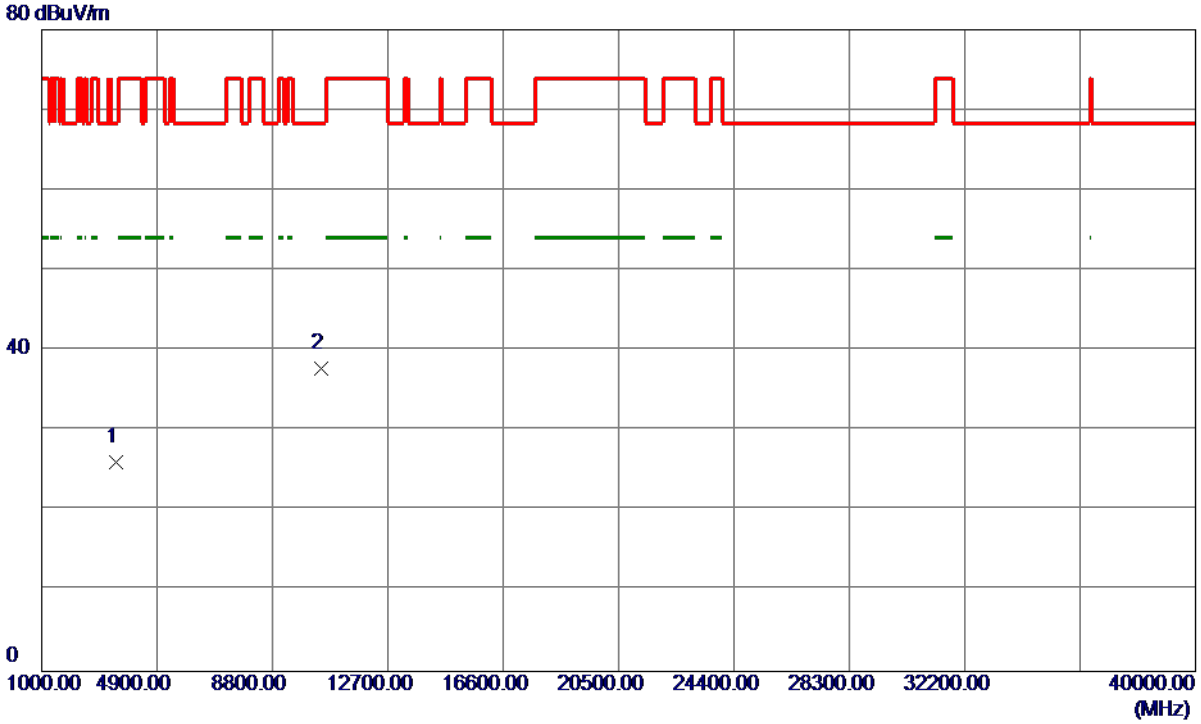


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5233.3000	78.33	39.87	118.20	68.30	49.90	Peak	No limiti
2	5245.4000	71.29	39.88	111.17	999.00	-887.83	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5240 MHz

Vertical

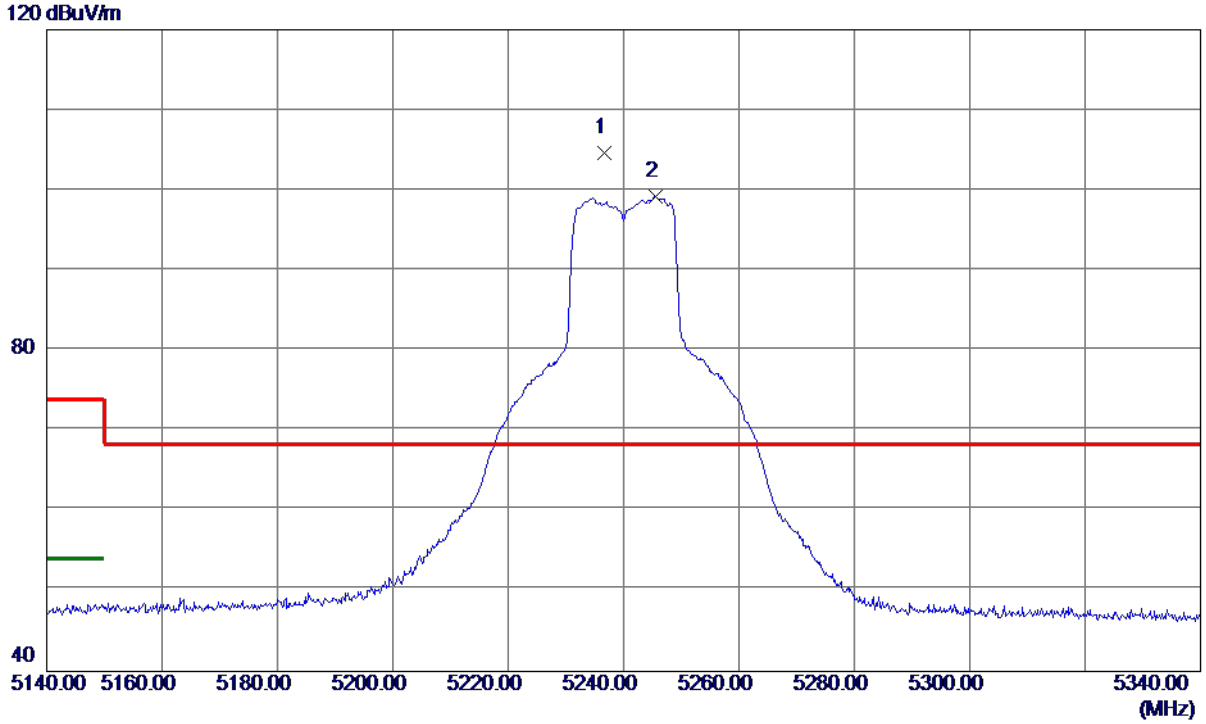


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3499.9500	39.51	-13.37	26.14	68.30	-42.16	Peak	
2 *	10467.0500	35.36	2.41	37.77	68.30	-30.53	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5240 MHz

Horizontal

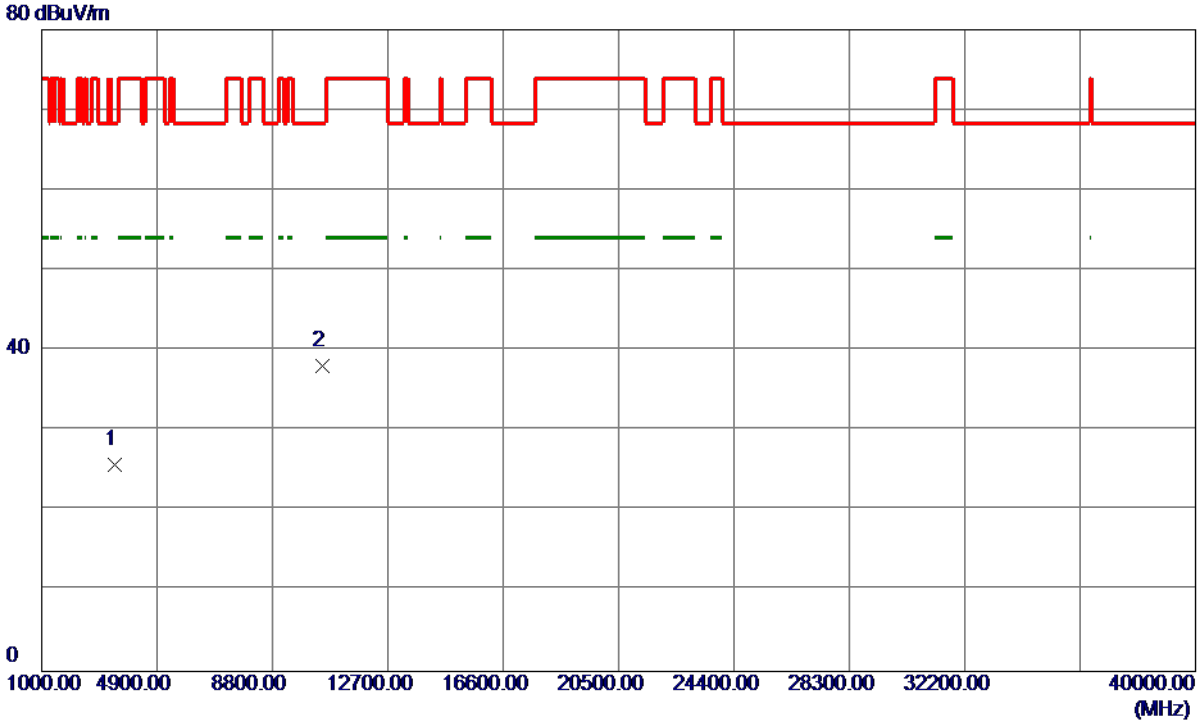


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5236.6000	64.70	39.87	104.57	68.30	36.27	Peak	No limiti
2	5245.5000	59.35	39.88	99.23	999.00	-899.77	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT20) Mode 5240 MHz

Horizontal

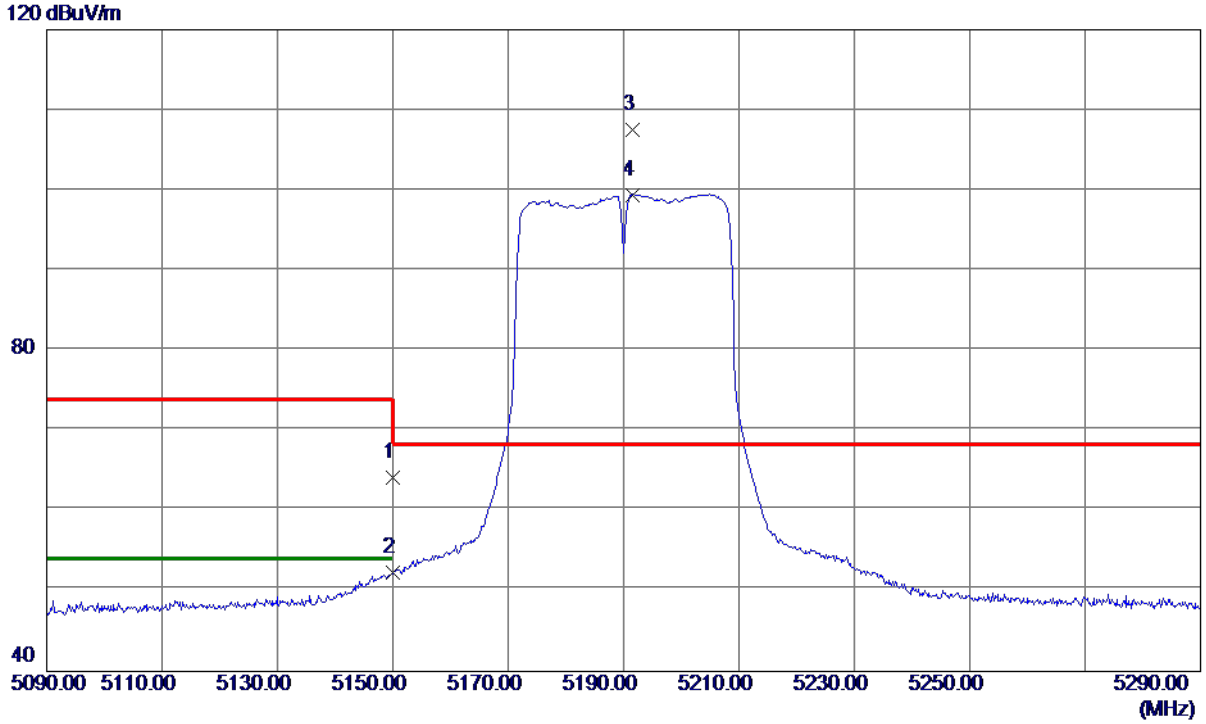


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3489.4600	39.15	-13.38	25.77	68.30	-42.53	Peak	
2 *	10473.5500	35.63	2.41	38.04	68.30	-30.26	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5190 MHz

Vertical

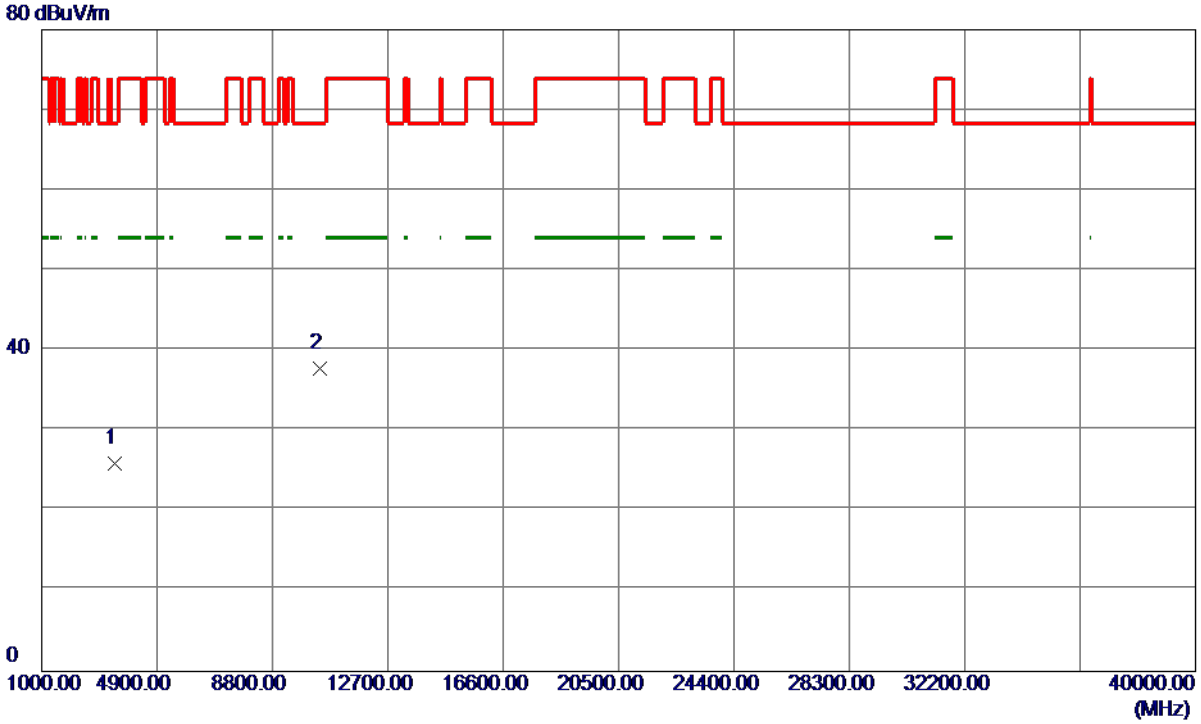


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.34	39.77	64.11	74.00	-9.89	Peak	
2	5150.0000	12.57	39.77	52.34	54.00	-1.66	AVG	
3 *	5191.5000	67.70	39.82	107.52	68.30	39.22	Peak	No limiti
4	5191.5000	59.55	39.82	99.37	999.00	-899.63	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5190 MHz

Vertical

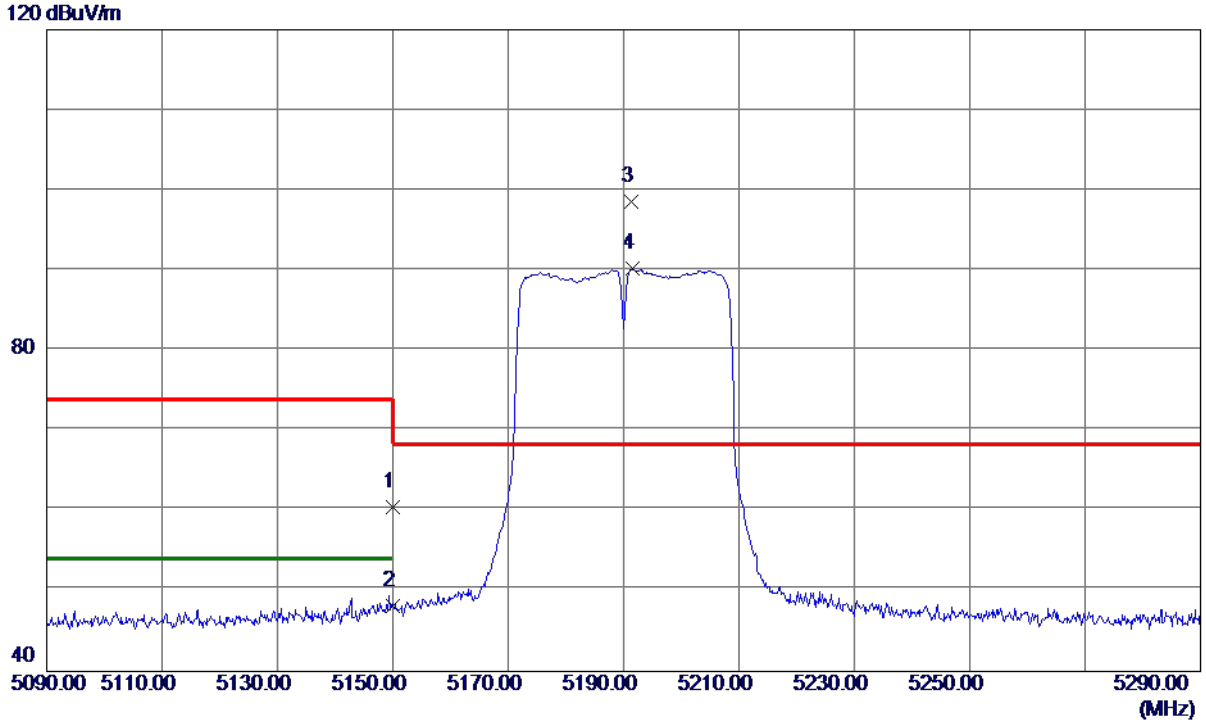


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3459.0400	39.31	-13.40	25.91	68.30	-42.39	Peak	
2 *	10391.6500	35.30	2.46	37.76	68.30	-30.54	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5190 MHz

Horizontal

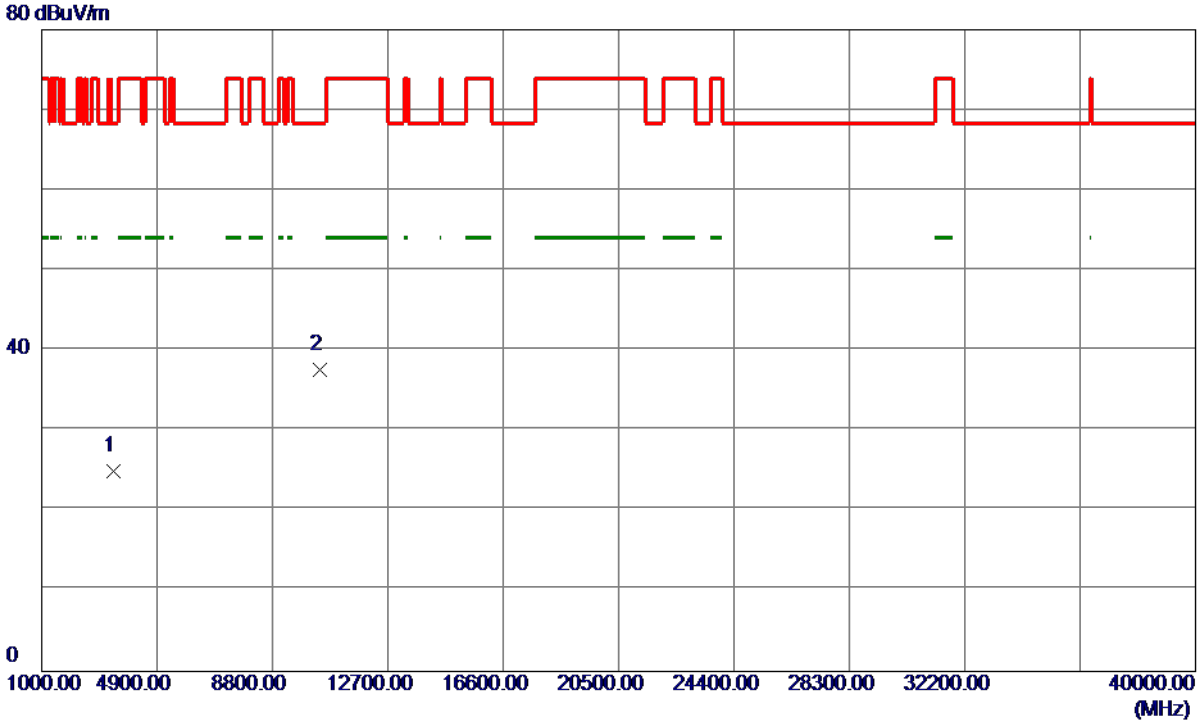


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.74	39.77	60.51	74.00	-13.49	Peak	
2	5150.0000	8.44	39.77	48.21	54.00	-5.79	AVG	
3 *	5191.4000	58.80	39.82	98.62	68.30	30.32	Peak	No limiti
4	5191.5000	50.38	39.82	90.20	999.00	-908.80	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5190 MHz

Horizontal

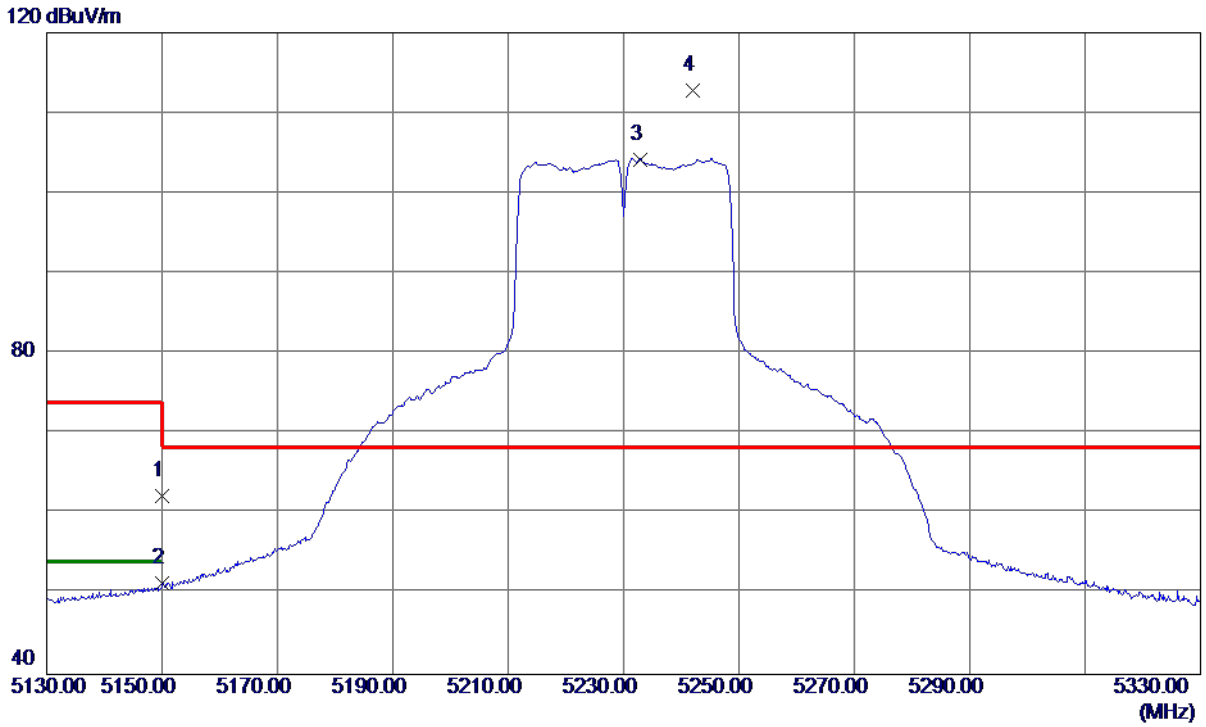


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3437.0500	38.43	-13.42	25.01	68.30	-43.29	Peak	
2 *	10404.0000	35.15	2.45	37.60	68.30	-30.70	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5230 MHz

Vertical

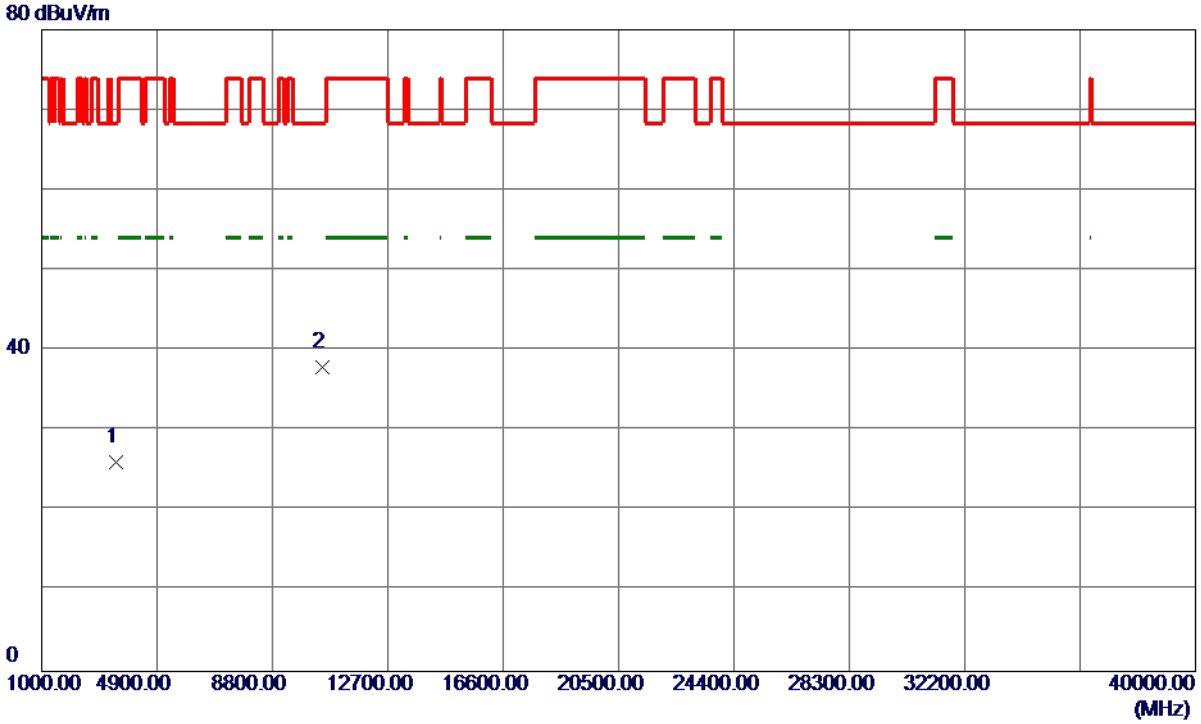


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.45	39.77	62.22	74.00	-11.78	Peak	
2	5150.0000	11.64	39.77	51.41	54.00	-2.59	AVG	
3	5232.8000	64.26	39.87	104.13	999.00	-894.87	AVG	No limiti
4 *	5241.9000	72.91	39.88	112.79	68.30	44.49	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5230 MHz

Vertical

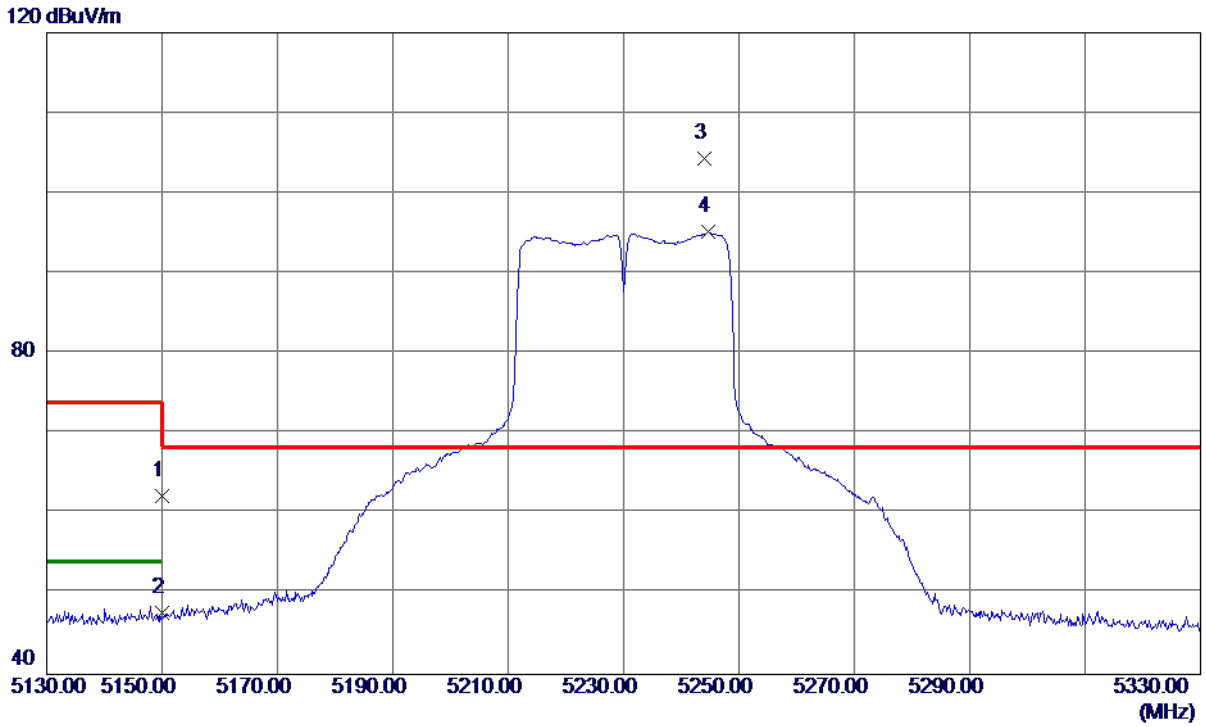


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3500.0670	39.42	-13.37	26.05	68.30	-42.25	Peak	
2 *	10472.0000	35.53	2.41	37.94	68.30	-30.36	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5230 MHz

Horizontal

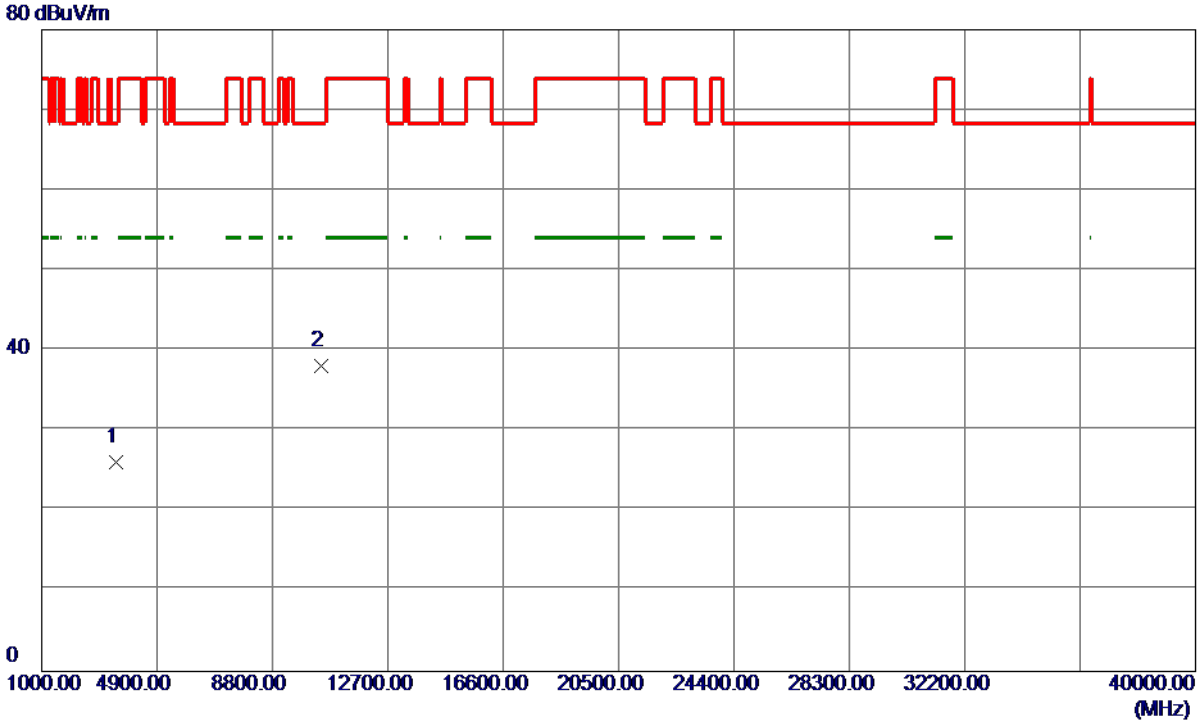


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.51	39.77	62.28	74.00	-11.72	Peak	
2	5150.0000	7.90	39.77	47.67	54.00	-6.33	AVG	
3 *	5244.1000	64.46	39.88	104.34	68.30	36.04	Peak	No limiti
4	5244.6000	55.24	39.88	95.12	999.00	-903.88	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX N (HT40) Mode 5230 MHz

Horizontal

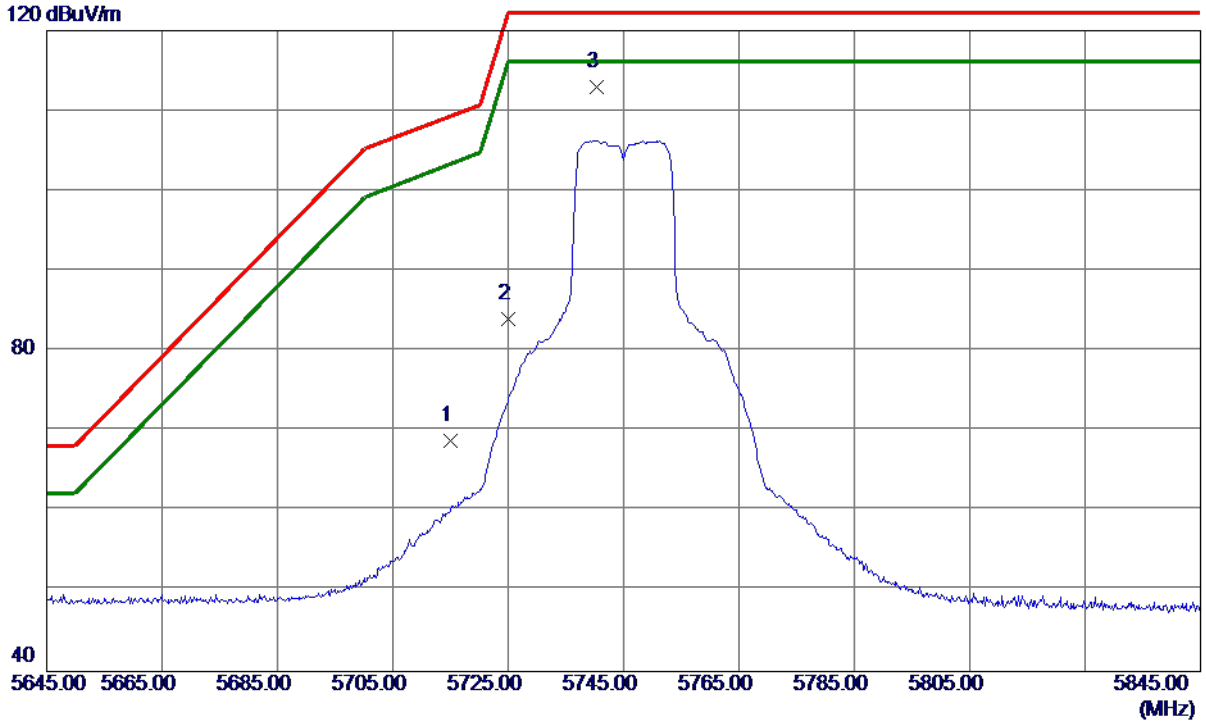


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3510.7670	39.36	-13.34	26.02	68.30	-42.28	Peak	
2 *	10467.4000	35.71	2.41	38.12	68.30	-30.18	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Vertical

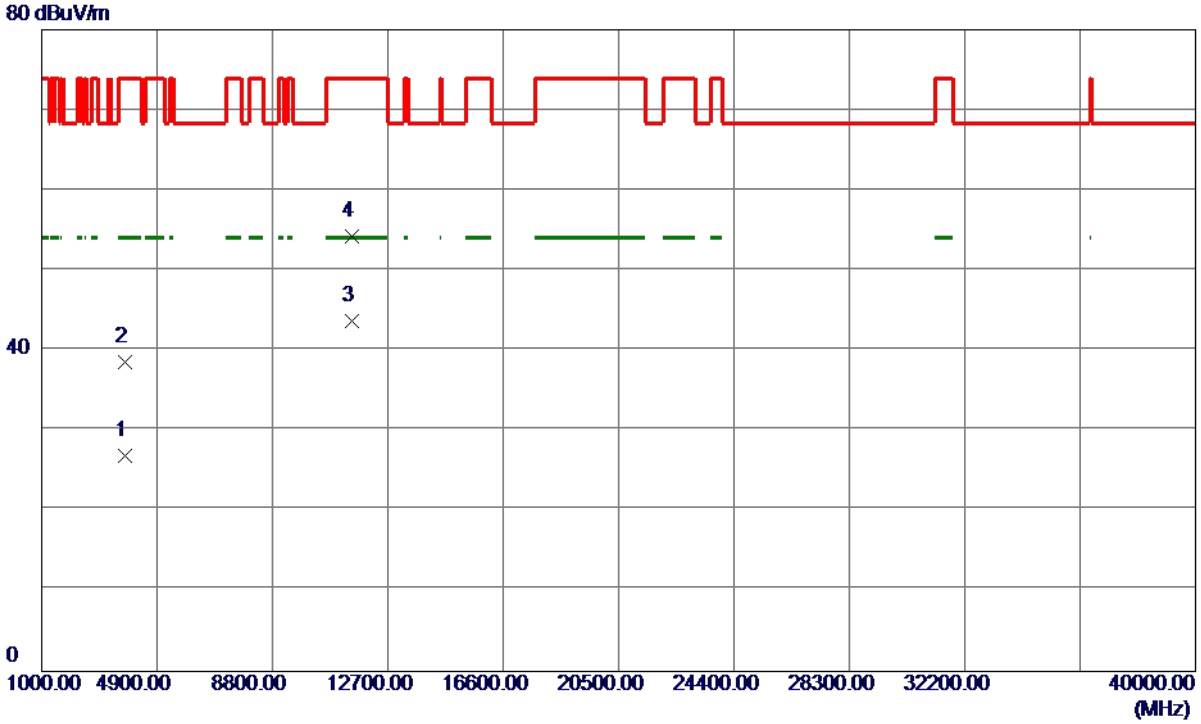


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	28.08	40.69	68.77	109.40	-40.63	Peak	
2	5725.0000	43.22	40.72	83.94	122.20	-38.26	Peak	
3 *	5740.3000	72.28	40.75	113.03	122.20	-9.17	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Vertical

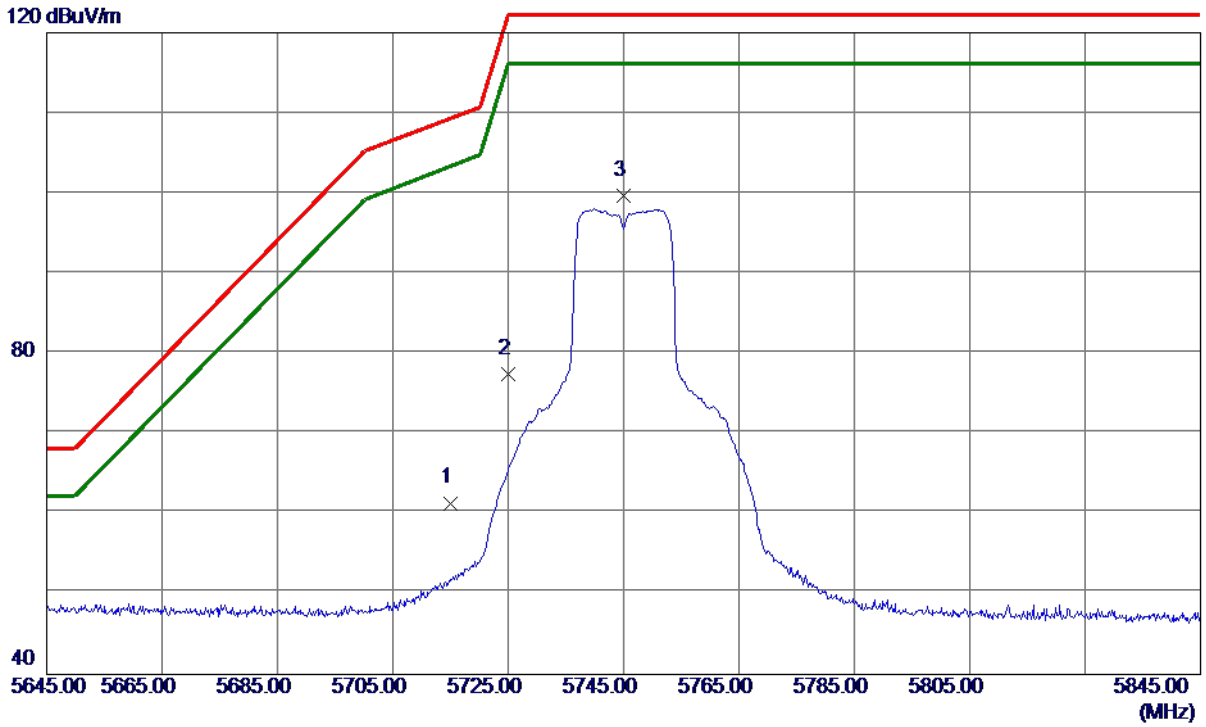


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3809.3000	39.35	-12.45	26.90	54.00	-27.10	AVG	
2	3828.1500	50.92	-12.40	38.52	74.00	-35.48	Peak	
3 *	11490.0500	39.82	3.85	43.67	54.00	-10.33	AVG	
4	11491.6000	50.39	3.84	54.23	74.00	-19.77	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Horizontal

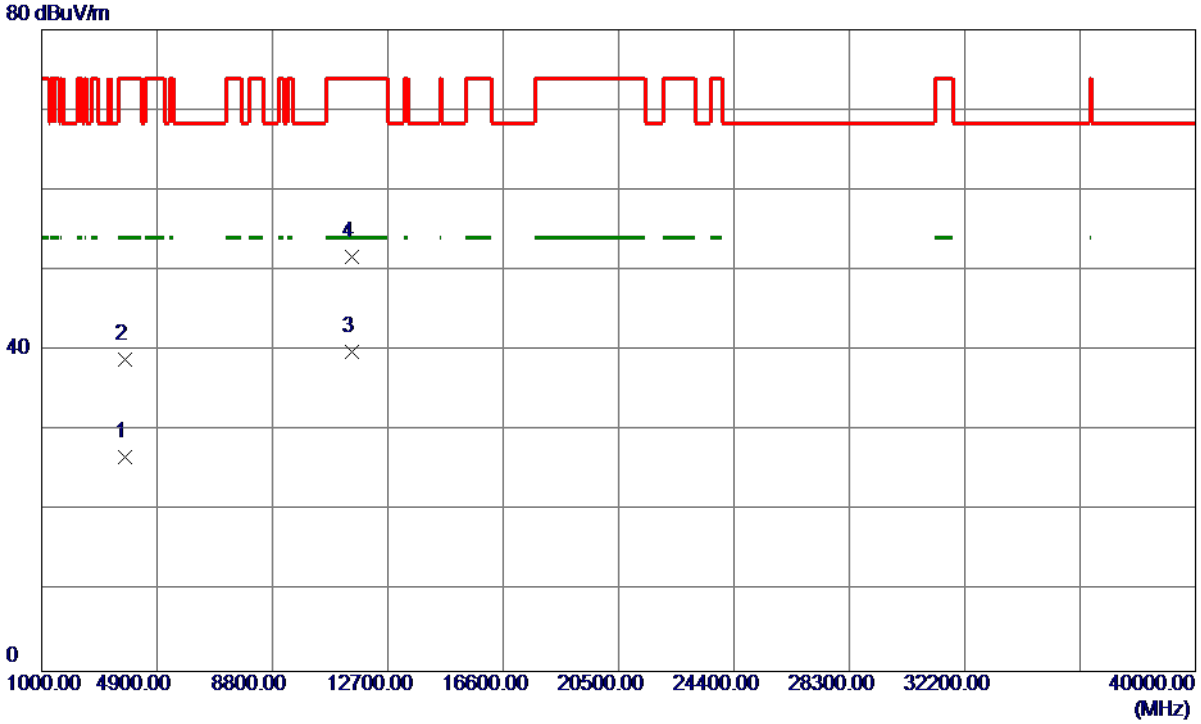


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.67	40.69	61.36	109.40	-48.04	Peak	
2	5725.0000	36.77	40.72	77.49	122.20	-44.71	Peak	
3 *	5745.0000	58.93	40.76	99.69	122.20	-22.51	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5745 MHz

Horizontal

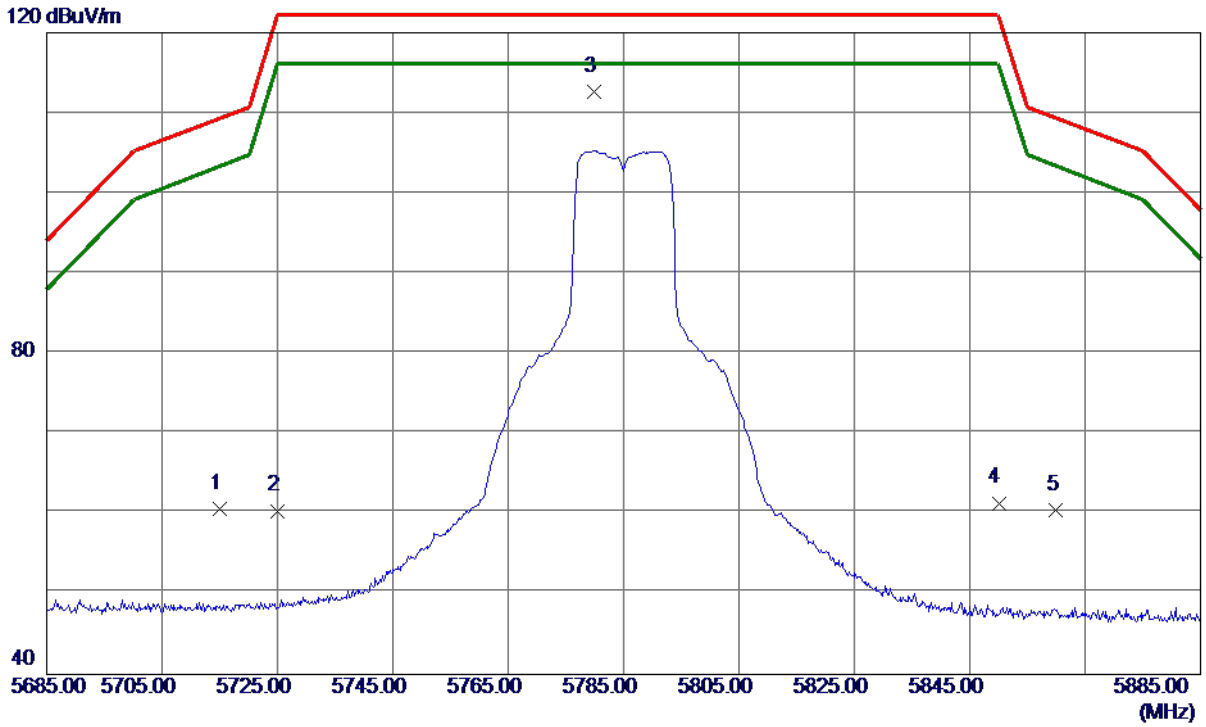


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3809.7000	39.10	-12.45	26.65	54.00	-27.35	AVG	
2	3833.8000	51.24	-12.38	38.86	74.00	-35.14	Peak	
3 *	11486.5000	36.02	3.85	39.87	54.00	-14.13	AVG	
4	11491.4000	47.87	3.84	51.71	74.00	-22.29	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Vertical

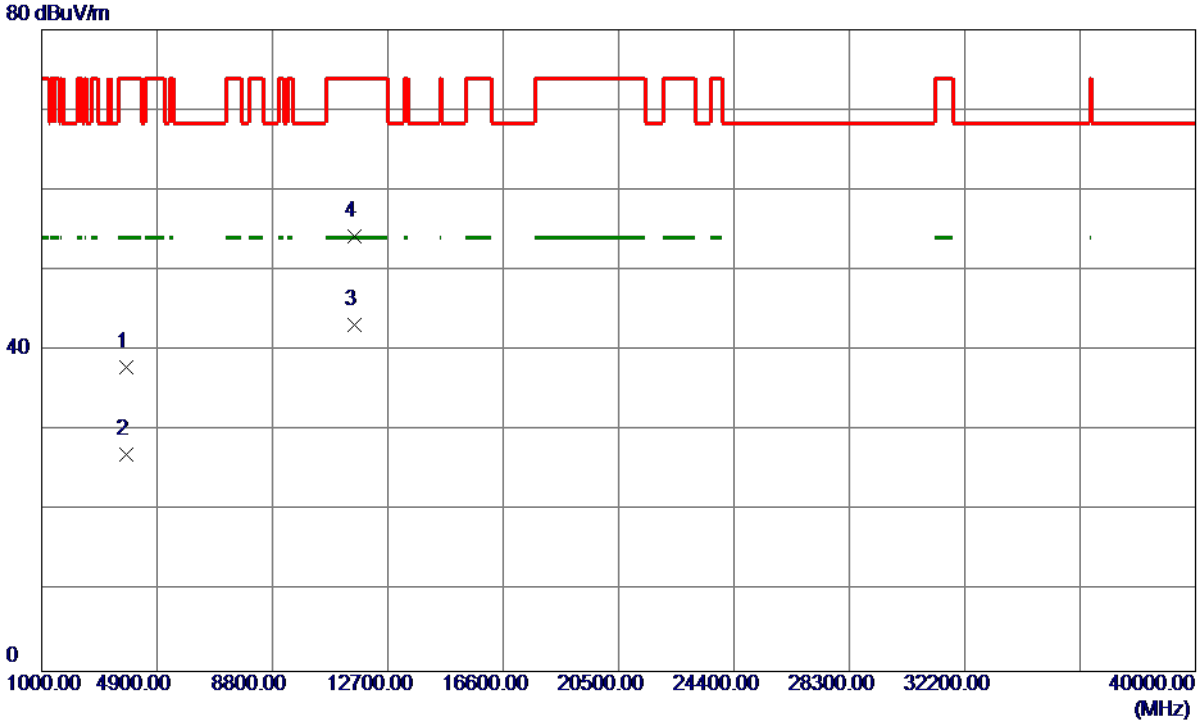


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.01	40.69	60.70	109.40	-48.70	Peak	
2	5725.0000	19.68	40.72	60.40	122.20	-61.80	Peak	
3 *	5779.8000	71.79	40.84	112.63	122.20	-9.57	Peak	
4	5850.0000	20.35	41.01	61.36	122.20	-60.84	Peak	
5	5860.0000	19.44	41.03	60.47	109.40	-48.93	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Vertical

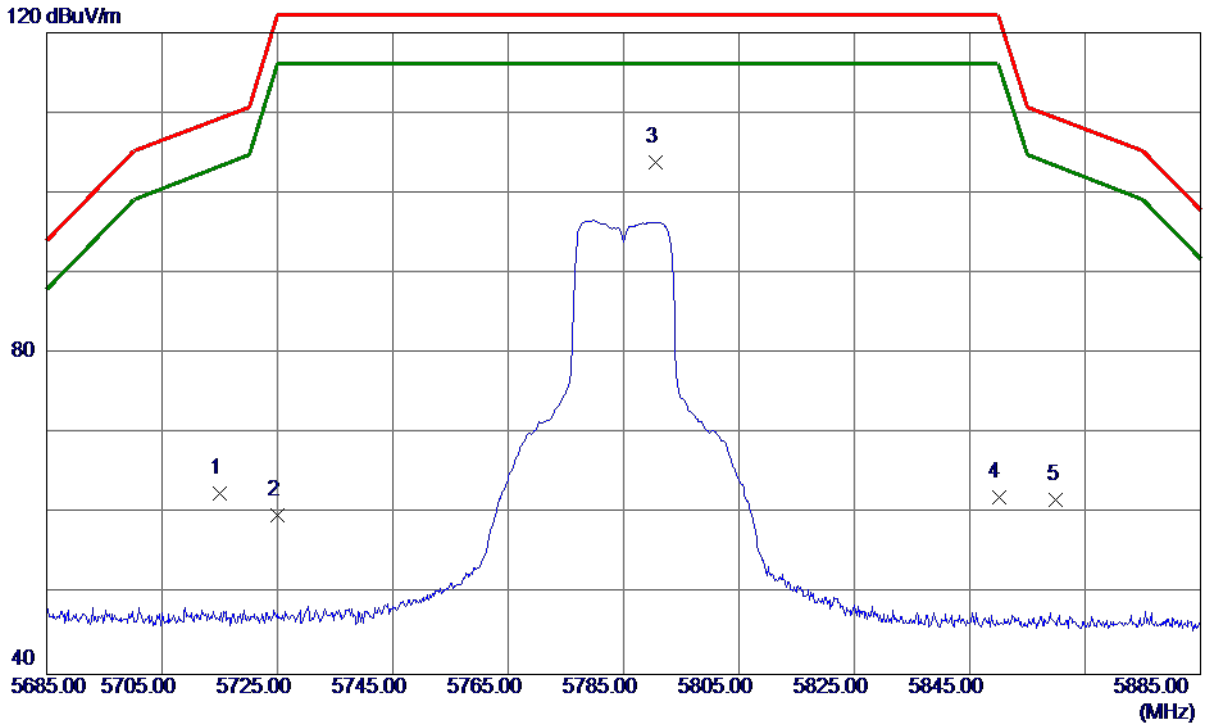


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3846.2170	50.20	-12.35	37.85	74.00	-36.15	Peak	
2	3874.9170	39.34	-12.26	27.08	54.00	-26.92	AVG	
3 *	11569.9500	39.38	3.80	43.18	54.00	-10.82	AVG	
4	11578.1500	50.48	3.80	54.28	74.00	-19.72	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Horizontal

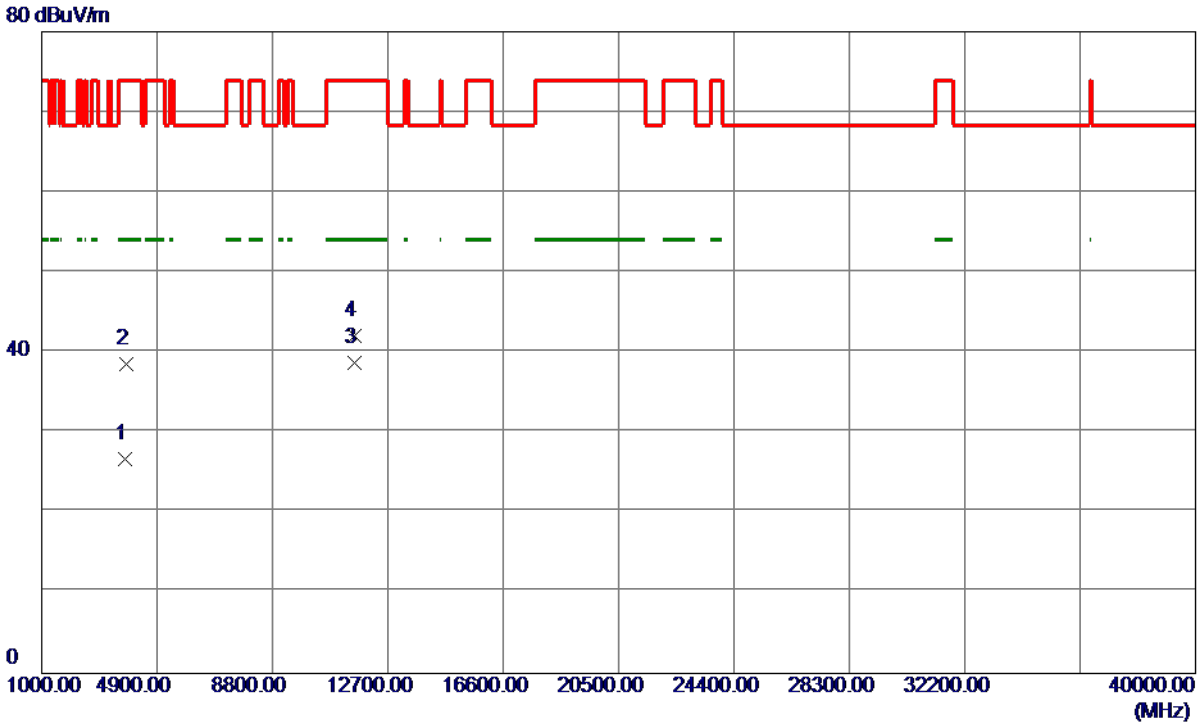


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.87	40.69	62.56	109.40	-46.84	Peak	
2	5725.0000	19.10	40.72	59.82	122.20	-62.38	Peak	
3 *	5790.6000	62.94	40.87	103.81	122.20	-18.39	Peak	
4	5850.0000	21.07	41.01	62.08	122.20	-60.12	Peak	
5	5860.0000	20.80	41.03	61.83	109.40	-47.57	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5785 MHz

Horizontal

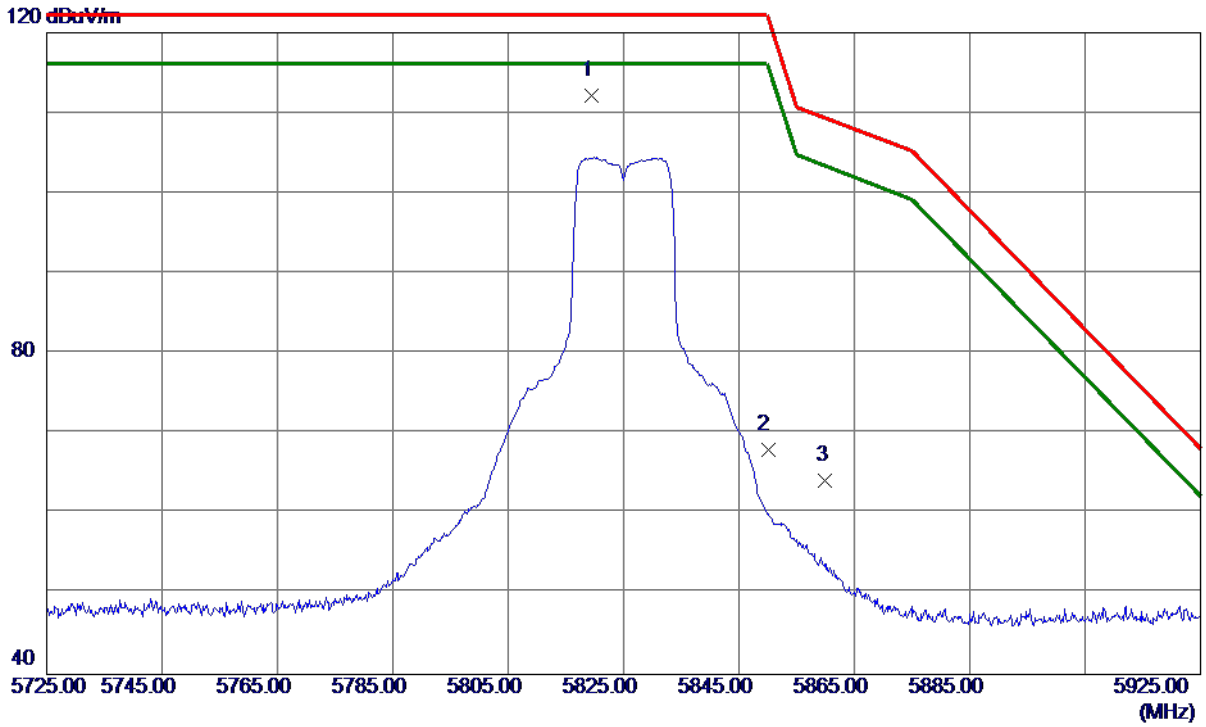


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3831.6670	39.09	-12.39	26.70	54.00	-27.30	AVG	
2	3841.1670	50.87	-12.36	38.51	74.00	-35.49	Peak	
3 *	11569.0000	34.89	3.80	38.69	54.00	-15.31	AVG	
4	11579.8000	38.30	3.80	42.10	74.00	-31.90	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Vertical

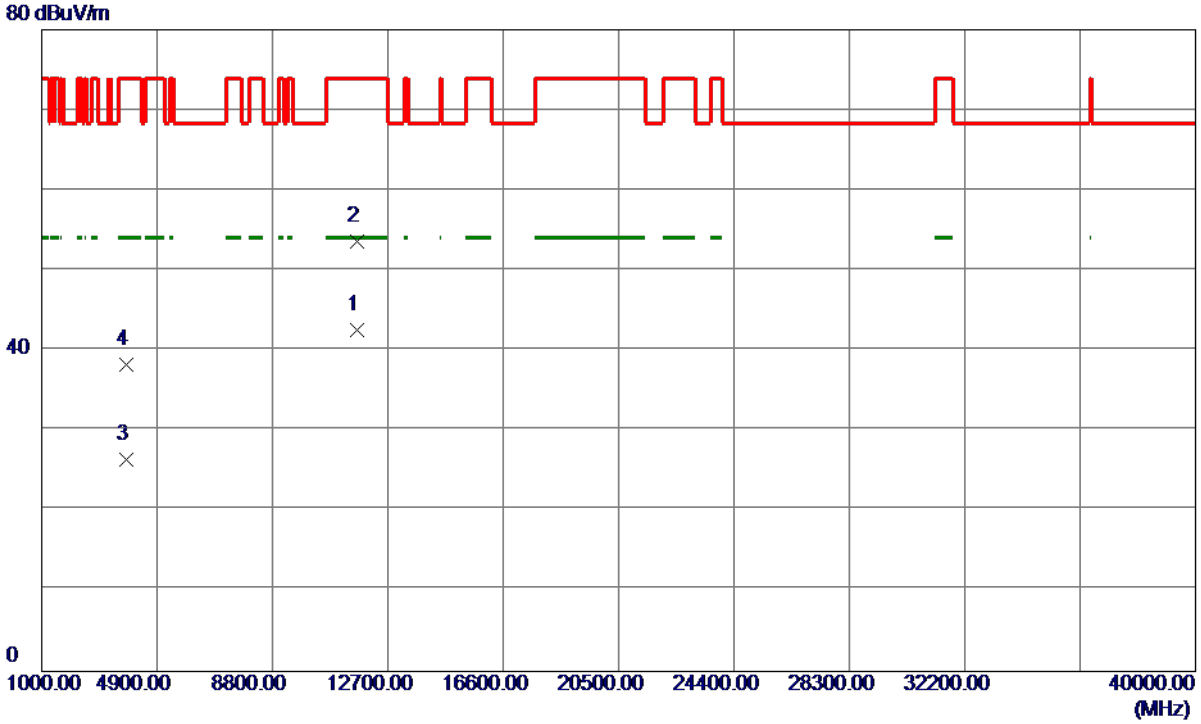


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5819.5000	71.26	40.94	112.20	122.20	-10.00	Peak	
2	5850.0000	26.92	41.01	67.93	122.20	-54.27	Peak	
3	5860.0000	23.20	41.03	64.23	109.40	-45.17	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Vertical

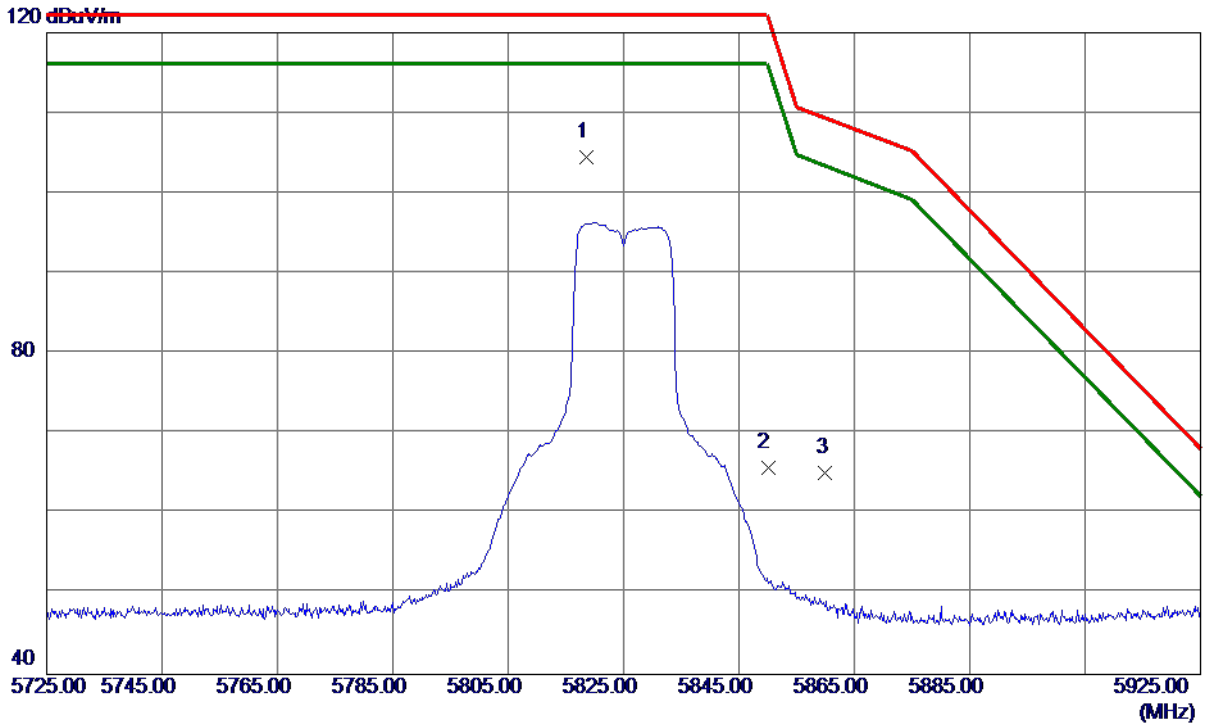


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.8500	38.83	3.77	42.60	54.00	-11.40	AVG	
2	11650.1500	49.78	3.77	53.55	74.00	-20.45	Peak	
3	3874.7000	38.66	-12.26	26.40	54.00	-27.60	AVG	
4	3864.5500	50.53	-12.29	38.24	74.00	-35.76	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Horizontal

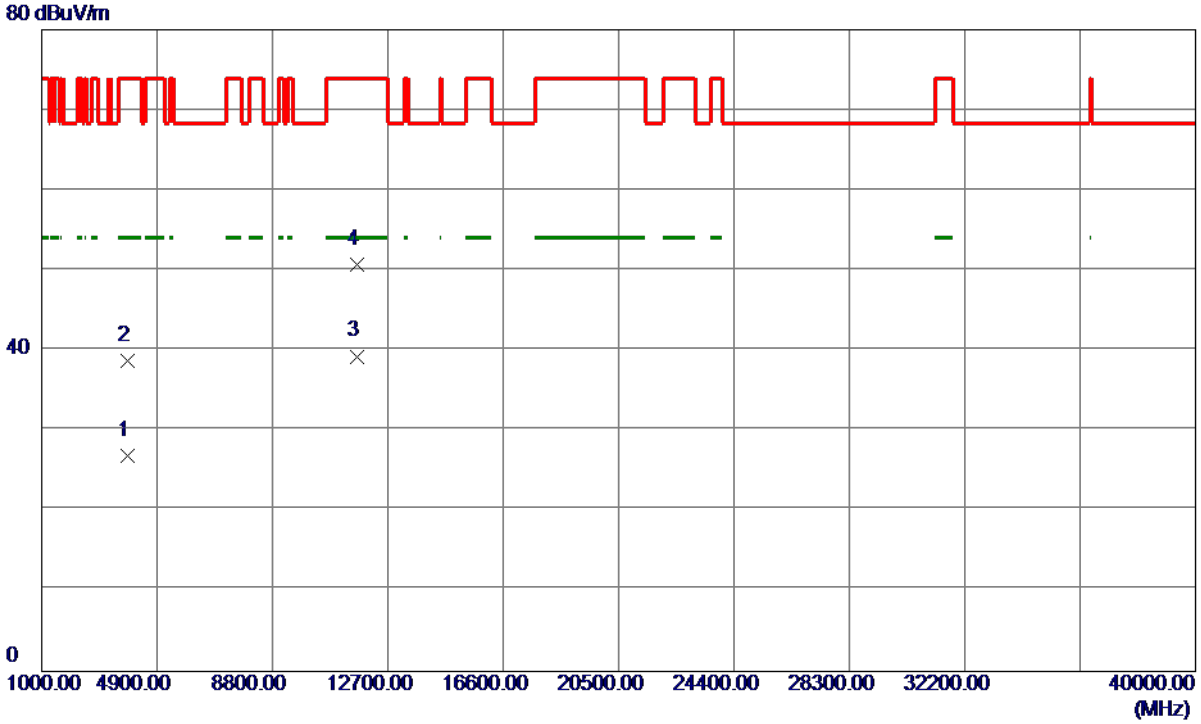


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5818.5000	63.54	40.94	104.48	122.20	-17.72	Peak	
2	5850.0000	24.80	41.01	65.81	122.20	-56.39	Peak	
3	5860.0000	24.08	41.03	65.11	109.40	-44.29	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX A Mode 5825 MHz

Horizontal

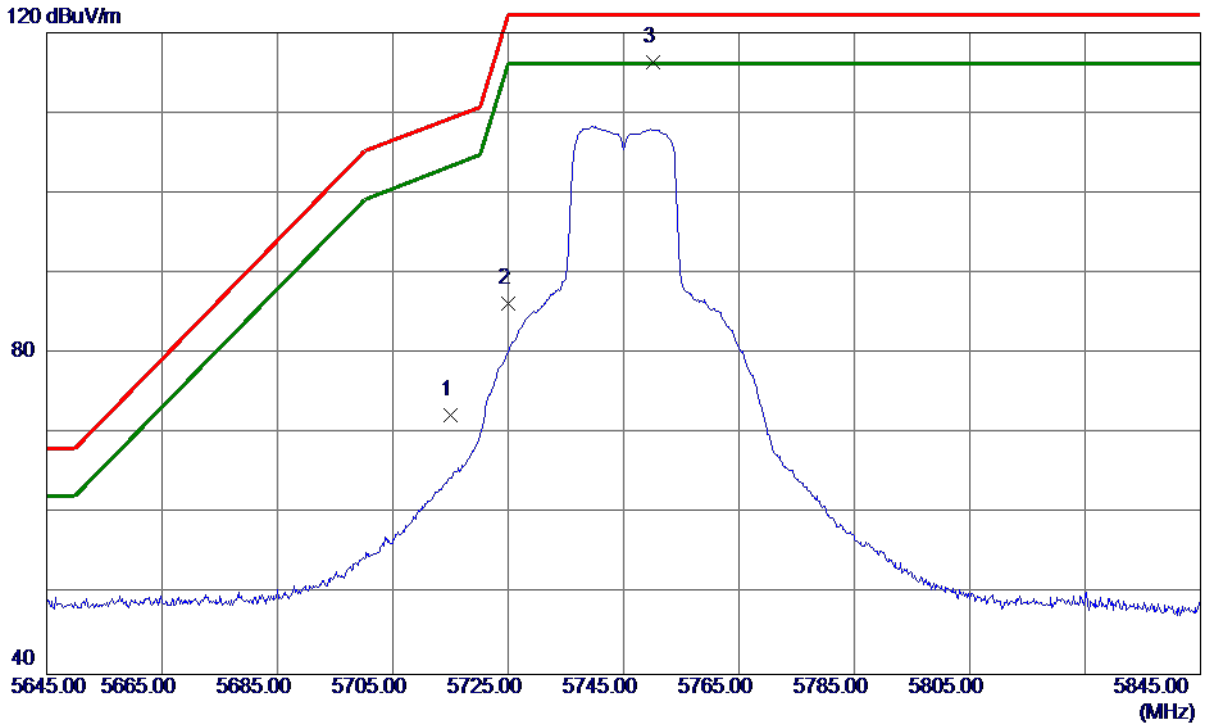


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3882.6000	39.13	-12.24	26.89	54.00	-27.11	AVG	
2	3897.7000	50.87	-12.19	38.68	74.00	-35.32	Peak	
3 *	11650.0500	35.51	3.77	39.28	54.00	-14.72	AVG	
4	11656.9500	47.02	3.76	50.78	74.00	-23.22	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5745 MHz

Vertical

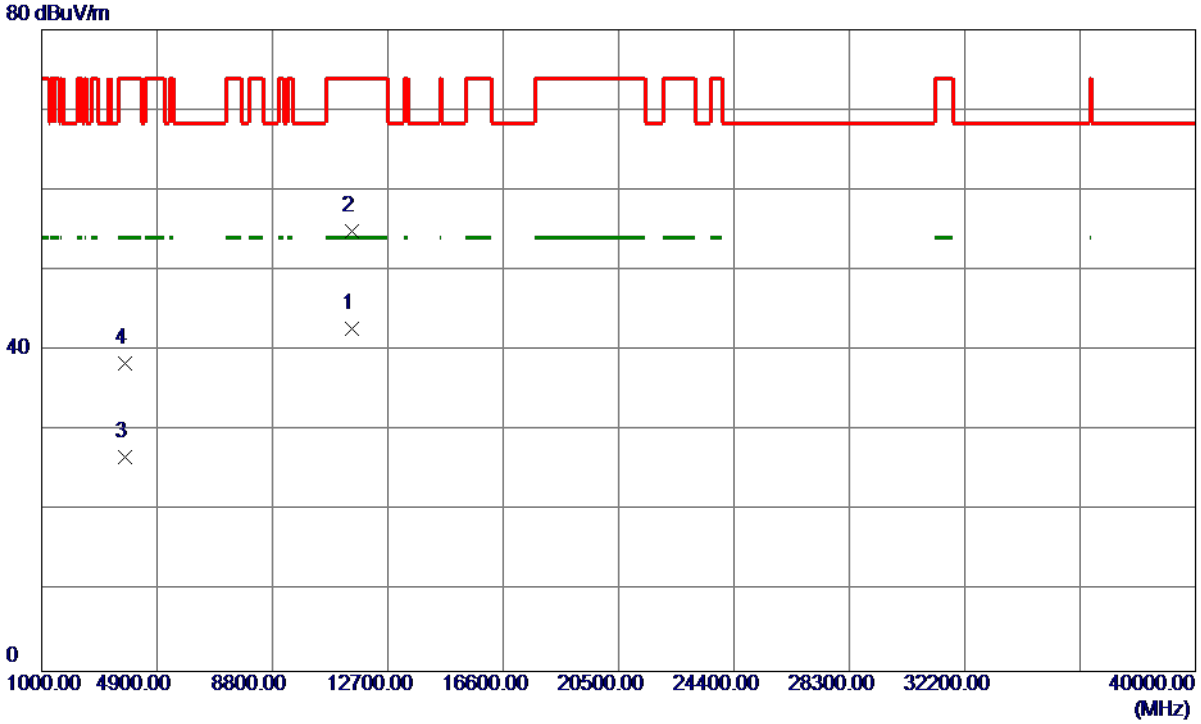


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	31.68	40.69	72.37	109.40	-37.03	Peak	
2	5725.0000	45.57	40.72	86.29	122.20	-35.91	Peak	
3 *	5750.1000	75.53	40.78	116.31	122.20	-5.89	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5745 MHz

Vertical

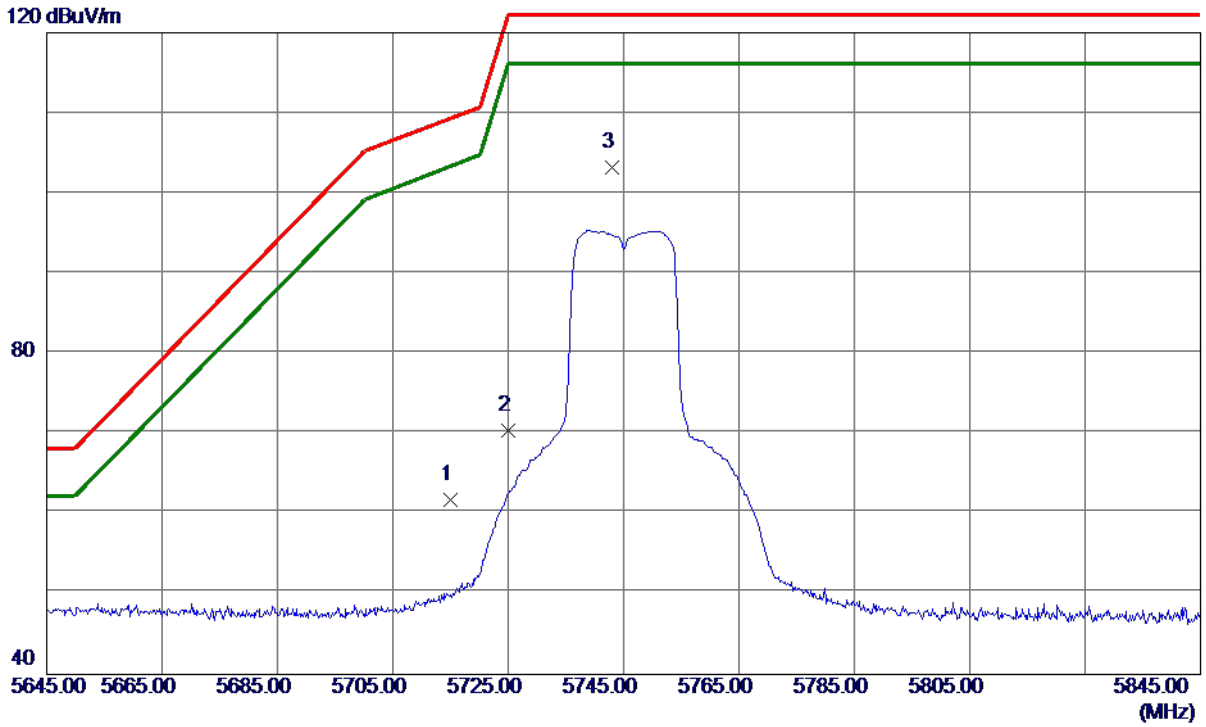


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11489.8000	38.87	3.85	42.72	54.00	-11.28	AVG	
2	11491.6000	51.03	3.84	54.87	74.00	-19.13	Peak	
3	3819.3000	39.15	-12.42	26.73	54.00	-27.27	AVG	
4	3807.0500	50.87	-12.46	38.41	74.00	-35.59	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5745 MHz

Horizontal

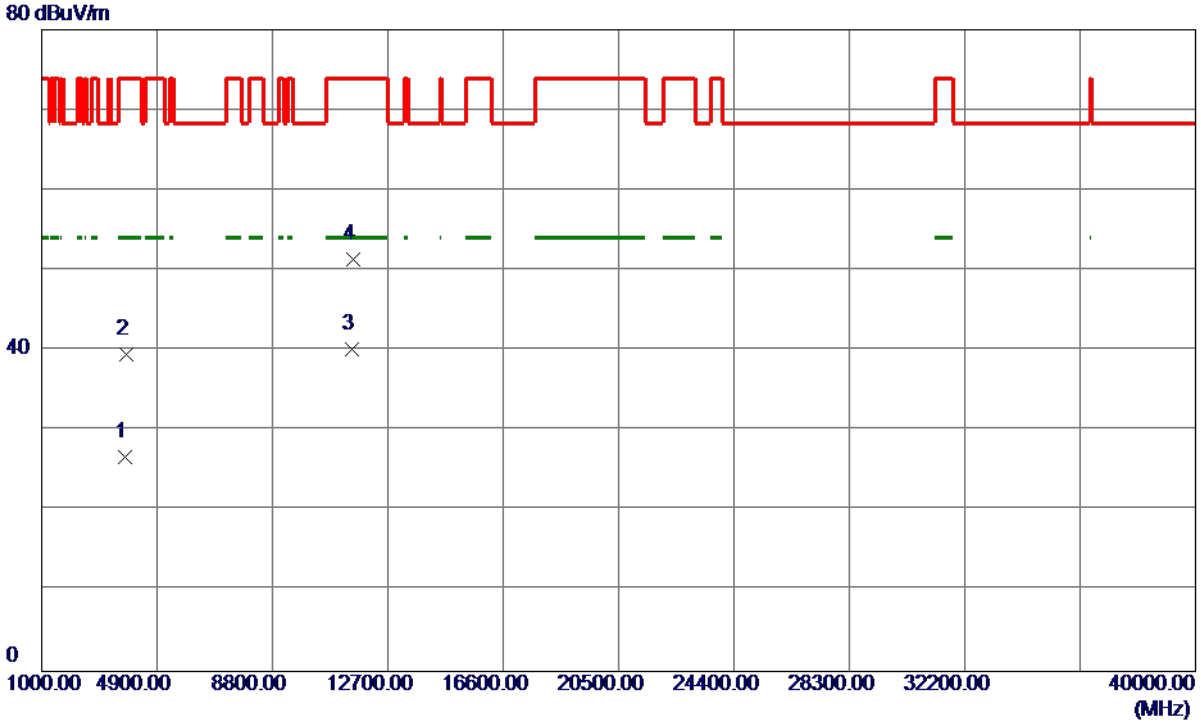


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.07	40.69	61.76	109.40	-47.64	Peak	
2	5725.0000	29.72	40.72	70.44	122.20	-51.76	Peak	
3 *	5743.1000	62.39	40.76	103.15	122.20	-19.05	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5745 MHz

Horizontal

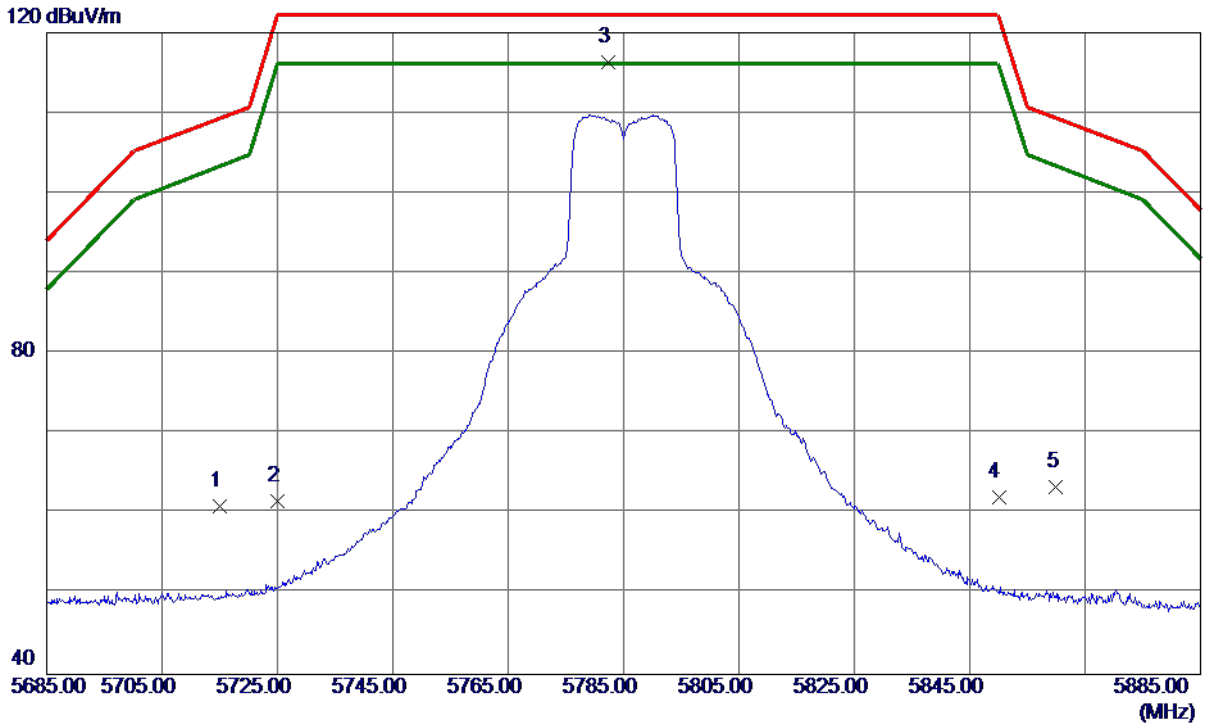


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3808.3000	39.13	-12.46	26.67	54.00	-27.33	AVG	
2	3847.0000	51.90	-12.34	39.56	74.00	-34.44	Peak	
3 *	11486.6000	36.33	3.85	40.18	54.00	-13.82	AVG	
4	11514.7500	47.56	3.82	51.38	74.00	-22.62	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5785 MHz

Vertical

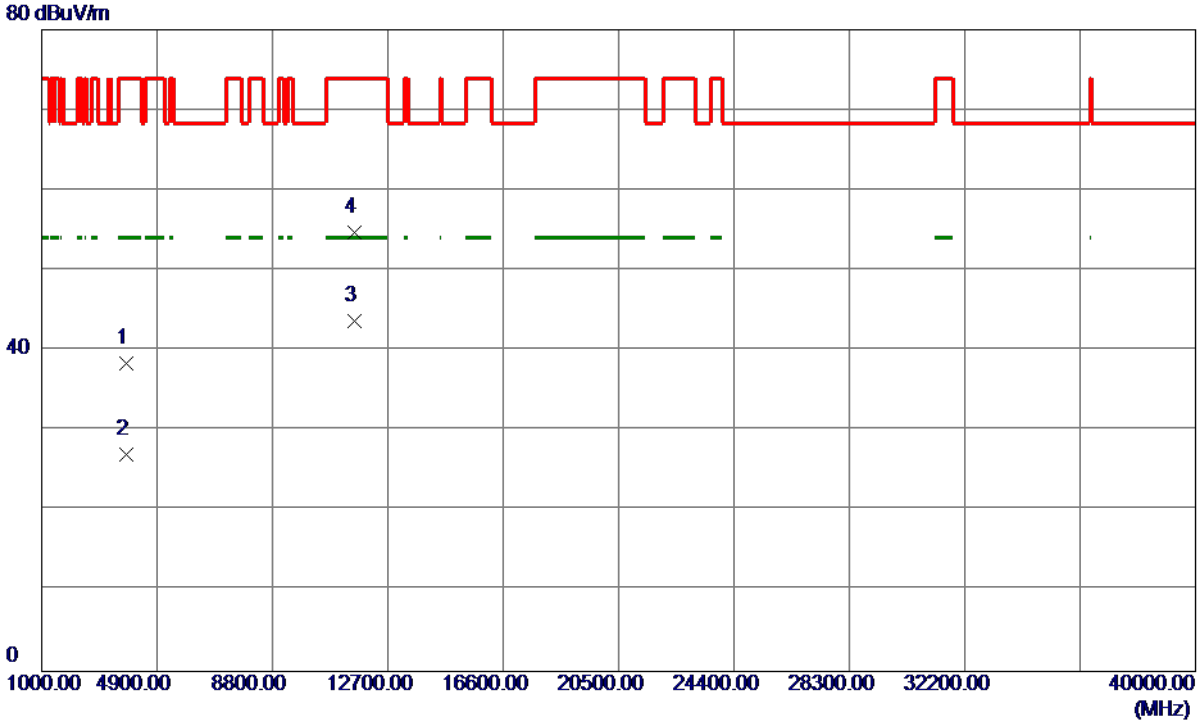


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.22	40.69	60.91	109.40	-48.49	Peak	
2	5725.0000	20.86	40.72	61.58	122.20	-60.62	Peak	
3 *	5782.4000	75.42	40.85	116.27	122.20	-5.93	Peak	
4	5850.0000	21.11	41.01	62.12	122.20	-60.08	Peak	
5	5860.0000	22.27	41.03	63.30	109.40	-46.10	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5785 MHz

Vertical

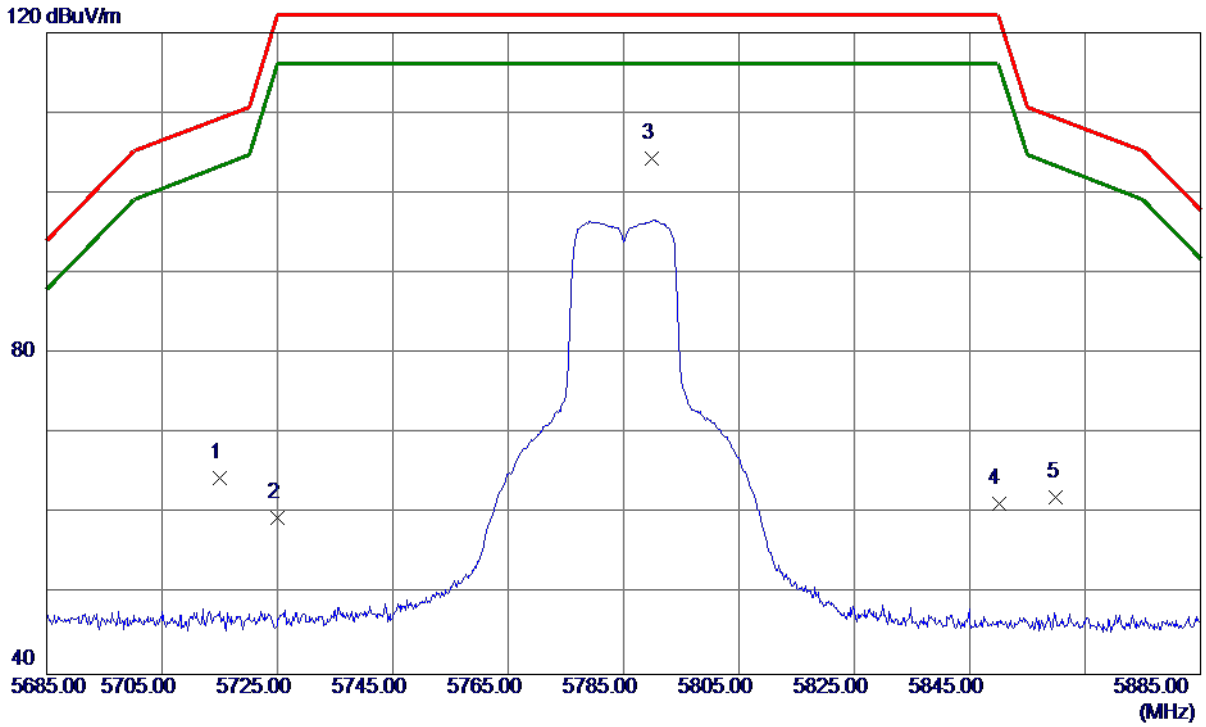


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3880.2170	50.71	-12.24	38.47	74.00	-35.53	Peak	
2	3880.2670	39.30	-12.24	27.06	54.00	-26.94	AVG	
3 *	11569.1500	39.84	3.80	43.64	54.00	-10.36	AVG	
4	11571.4000	50.91	3.80	54.71	74.00	-19.29	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5785 MHz

Horizontal

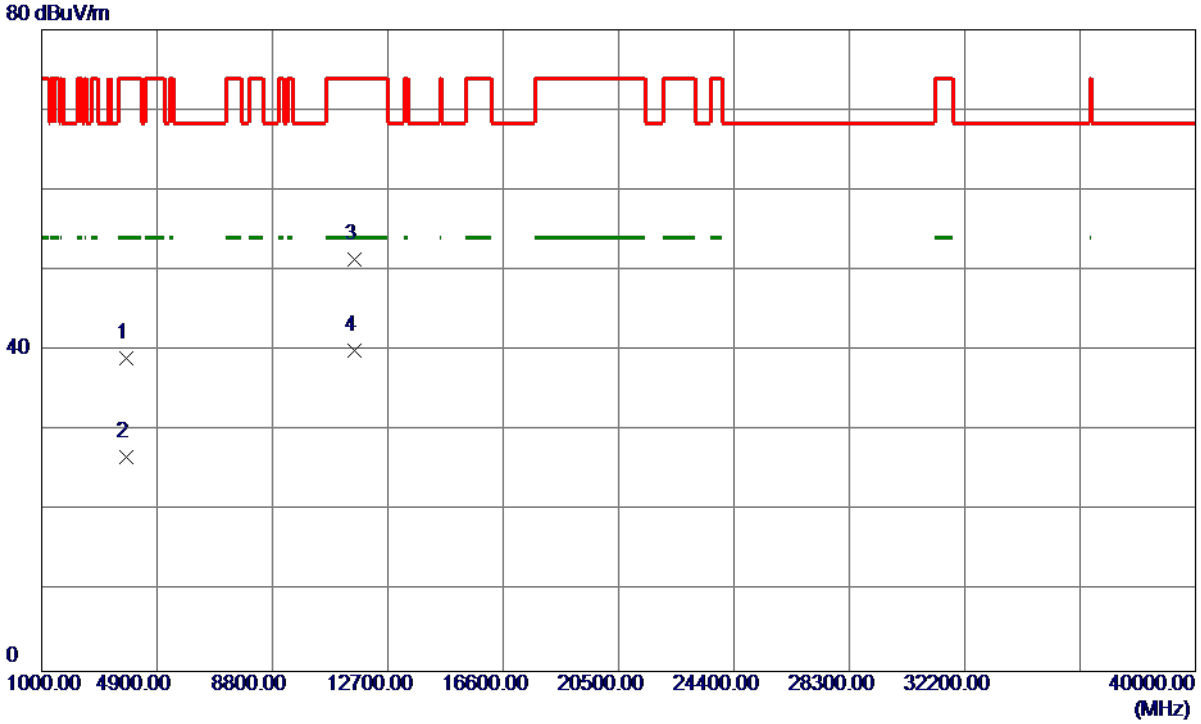


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.72	40.69	64.41	109.40	-44.99	Peak	
2	5725.0000	18.73	40.72	59.45	122.20	-62.75	Peak	
3 *	5789.9000	63.48	40.87	104.35	122.20	-17.85	Peak	
4	5850.0000	20.27	41.01	61.28	122.20	-60.92	Peak	
5	5860.0000	21.02	41.03	62.05	109.40	-47.35	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5785 MHz

Horizontal

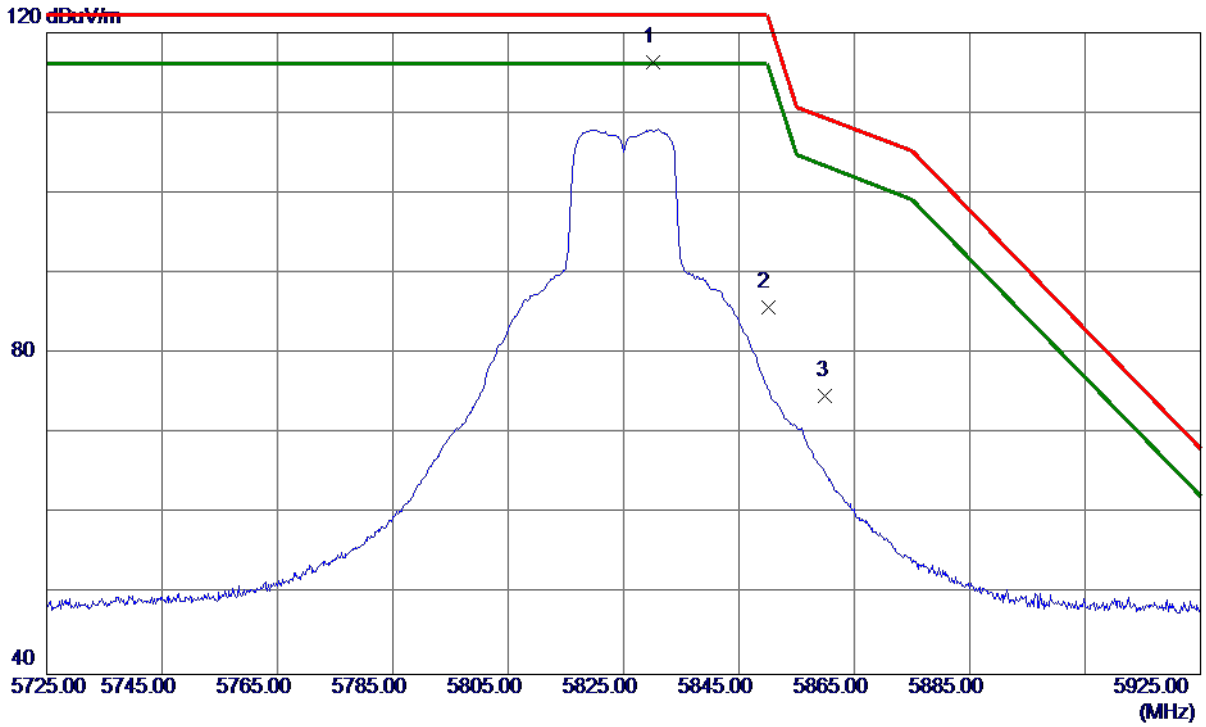


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3870.7170	51.26	-12.27	38.99	74.00	-35.01	Peak	
2	3880.7170	39.03	-12.24	26.79	54.00	-27.21	AVG	
3	11567.3000	47.50	3.80	51.30	74.00	-22.70	Peak	
4 *	11569.3000	36.22	3.80	40.02	54.00	-13.98	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5825 MHz

Vertical

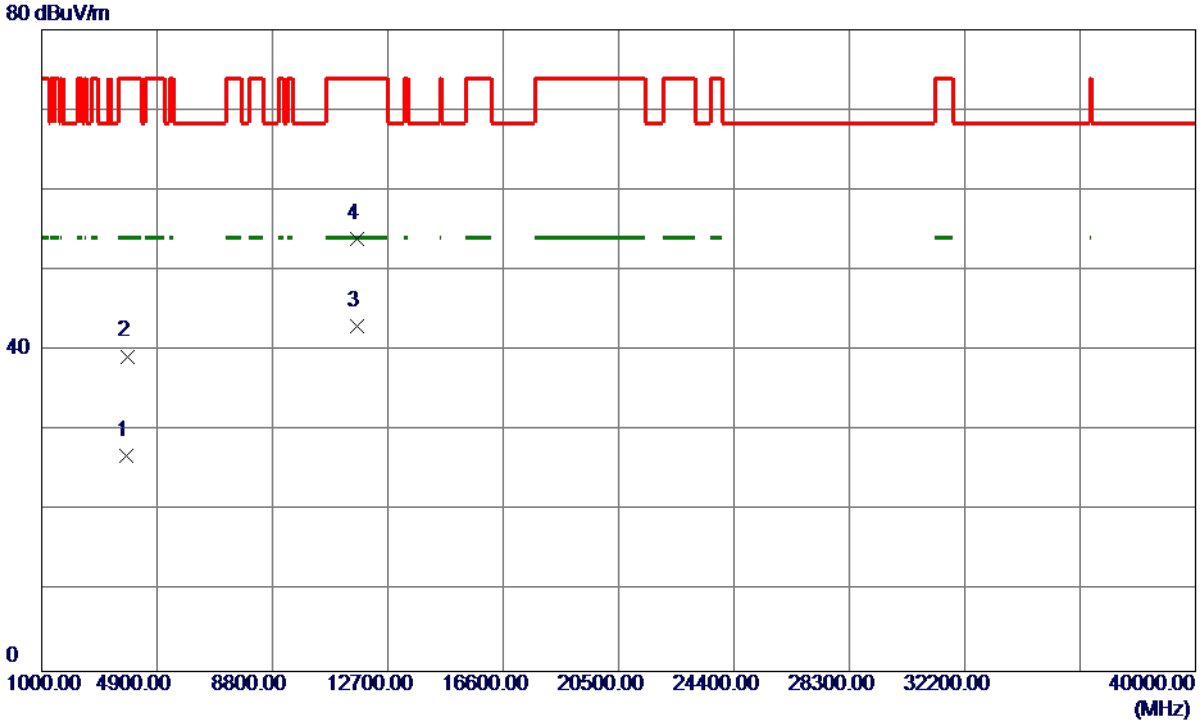


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5830.2000	75.32	40.96	116.28	122.20	-5.92	Peak	
2	5850.0000	44.82	41.01	85.83	122.20	-36.37	Peak	
3	5860.0000	33.63	41.03	74.66	109.40	-34.74	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5825 MHz

Vertical

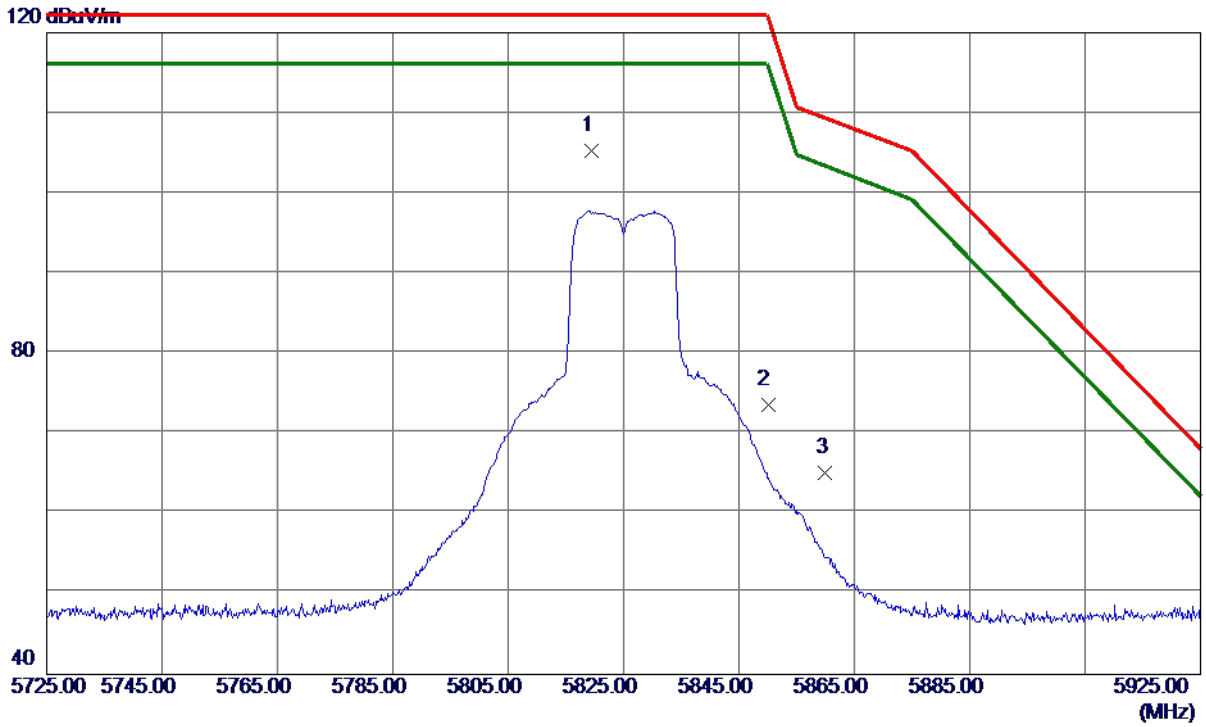


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3874.7500	39.15	-12.26	26.89	54.00	-27.11	AVG	
2	3885.0500	51.51	-12.23	39.28	74.00	-34.72	Peak	
3 *	11650.7000	39.28	3.77	43.05	54.00	-10.95	AVG	
4	11652.8000	50.15	3.77	53.92	74.00	-20.08	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5825 MHz

Horizontal

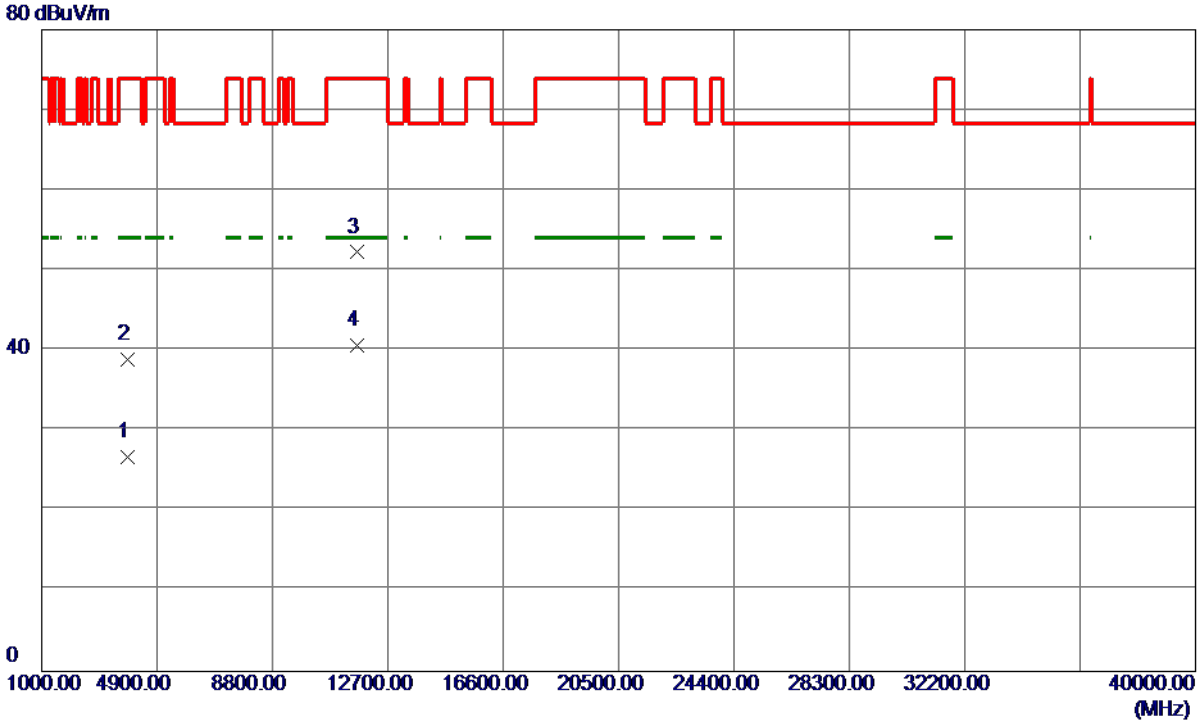


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5819.4000	64.36	40.94	105.30	122.20	-16.90	Peak	
2	5850.0000	32.64	41.01	73.65	122.20	-48.55	Peak	
3	5860.0000	24.07	41.03	65.10	109.40	-44.30	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT20) Mode 5825 MHz

Horizontal

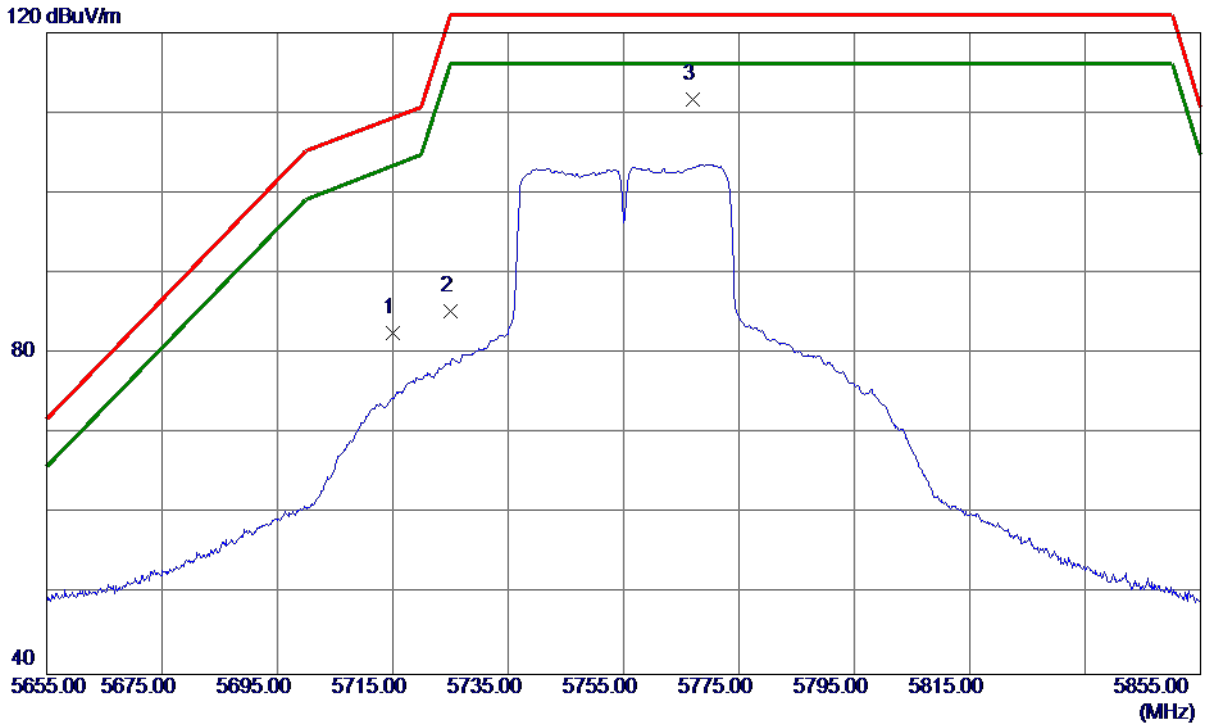


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3882.8000	38.91	-12.24	26.67	54.00	-27.33	AVG	
2	3904.5000	50.99	-12.17	38.82	74.00	-35.18	Peak	
3	11641.7500	48.47	3.77	52.24	74.00	-21.76	Peak	
4 *	11651.6000	36.90	3.77	40.67	54.00	-13.33	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5755 MHz

Vertical

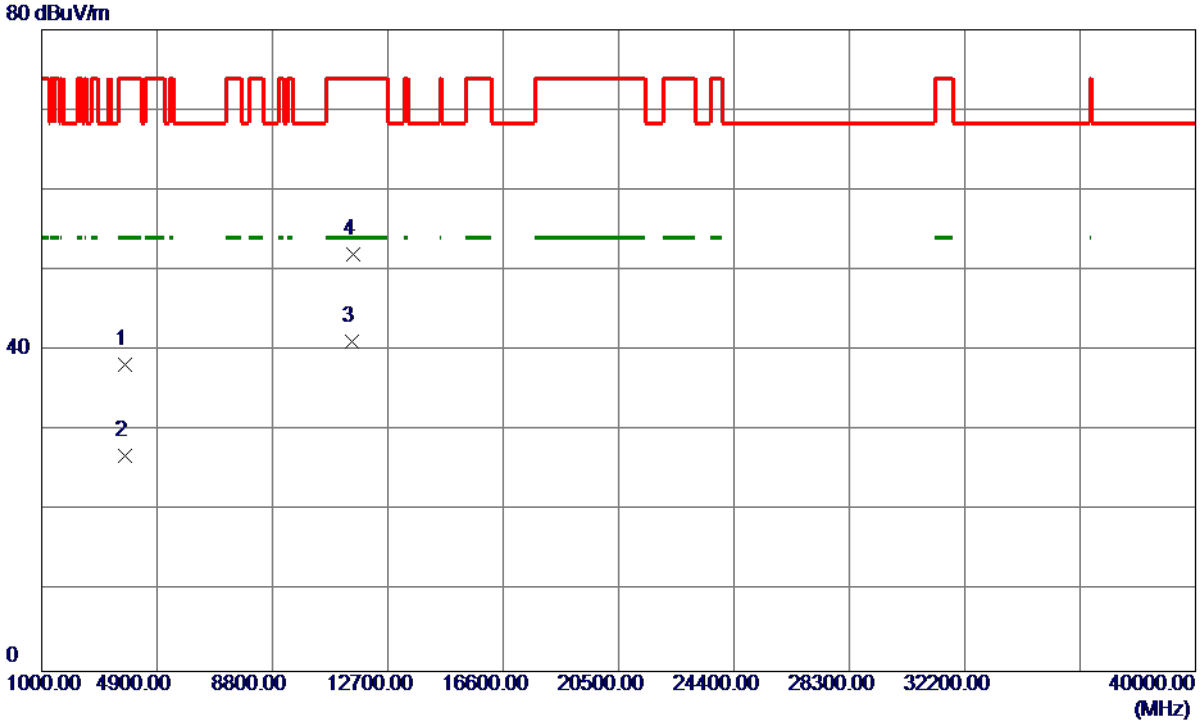


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	41.92	40.69	82.61	109.40	-26.79	Peak	
2	5725.0000	44.56	40.72	85.28	122.20	-36.92	Peak	
3 *	5767.0000	70.90	40.81	111.71	122.20	-10.49	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5755 MHz

Vertical

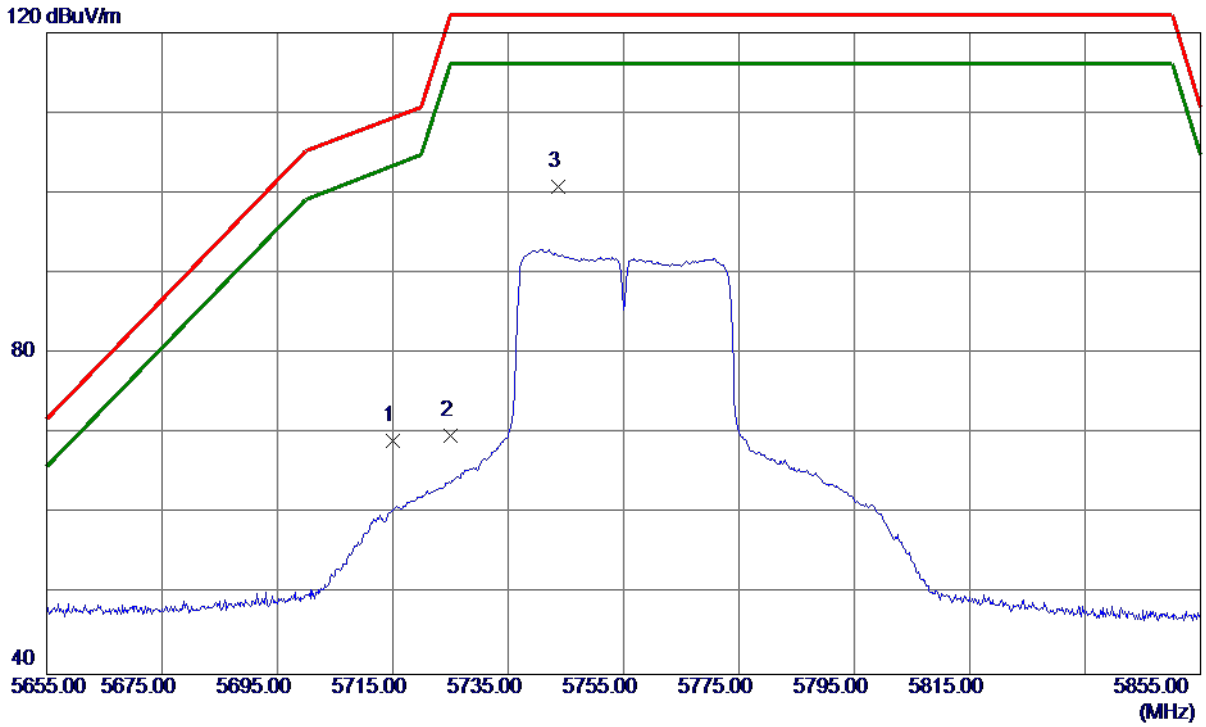


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3830.0600	50.60	-12.39	38.21	74.00	-35.79	Peak	
2	3830.1400	39.22	-12.39	26.83	54.00	-27.17	AVG	
3 *	11508.1000	37.31	3.83	41.14	54.00	-12.86	AVG	
4	11509.1000	48.16	3.83	51.99	74.00	-22.01	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5755 MHz

Horizontal

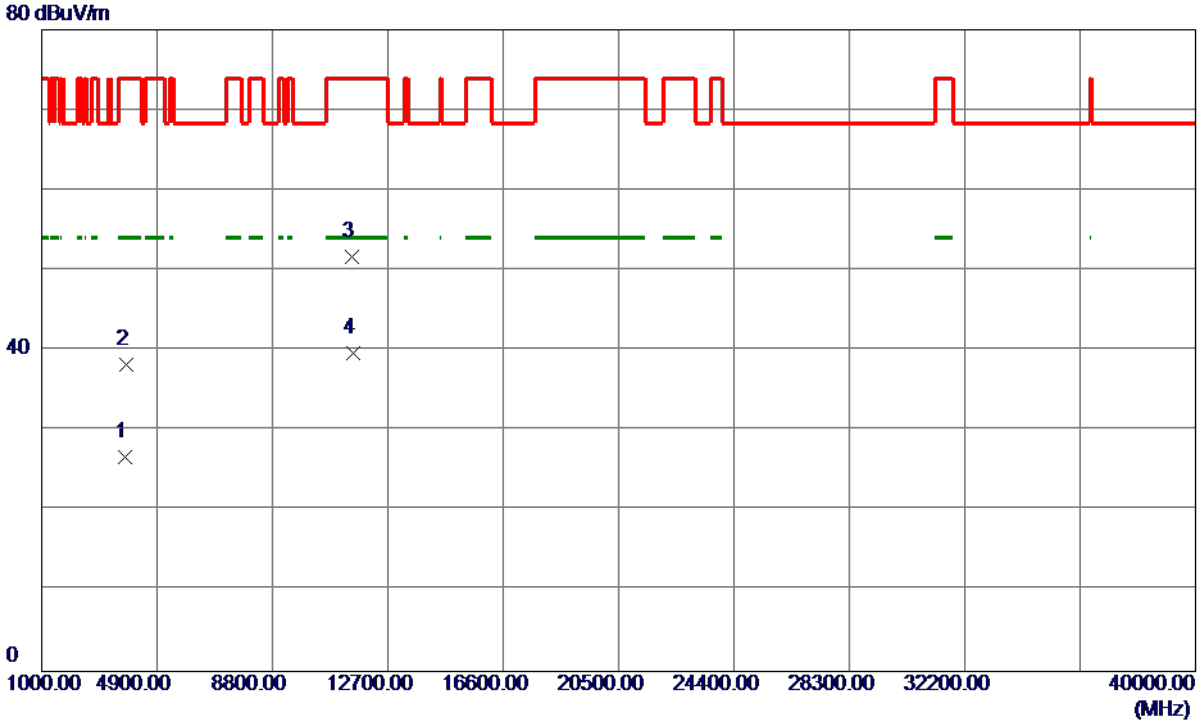


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	28.41	40.69	69.10	109.40	-40.30	Peak	
2	5725.0000	29.07	40.72	69.79	122.20	-52.41	Peak	
3 *	5743.7000	60.00	40.76	100.76	122.20	-21.44	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5755 MHz

Horizontal

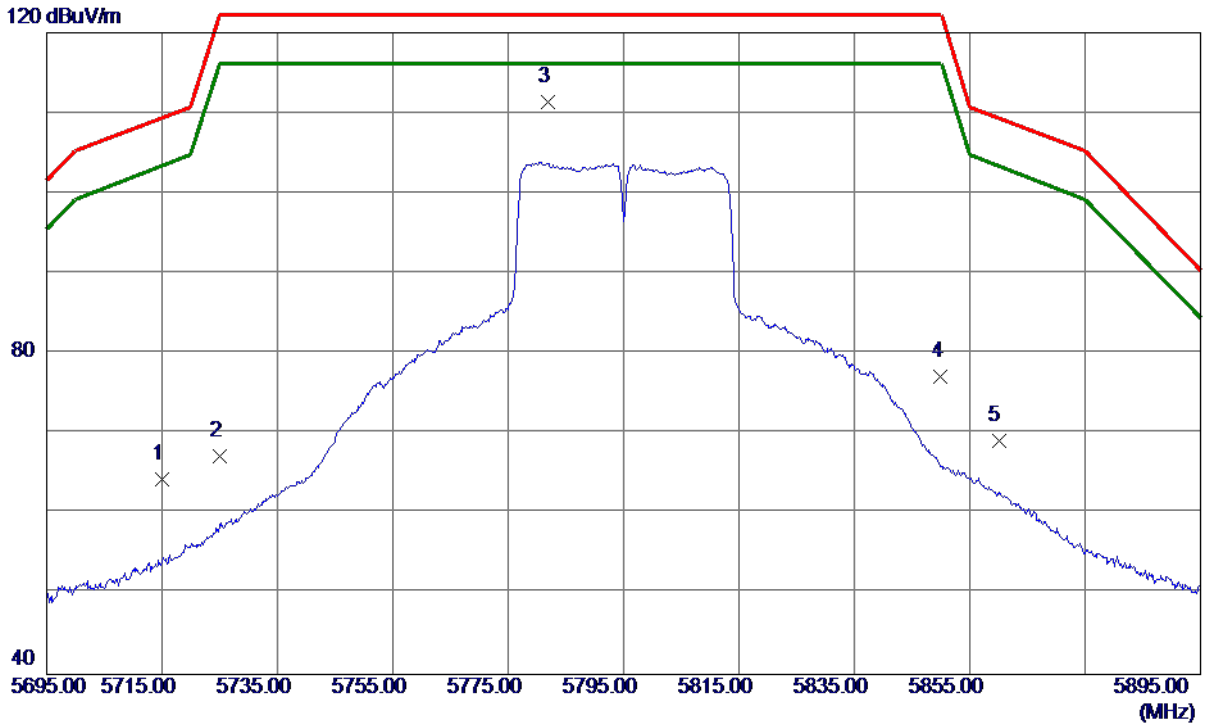


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3812.9900	39.21	-12.44	26.77	54.00	-27.23	AVG	
2	3844.1400	50.55	-12.35	38.20	74.00	-35.80	Peak	
3	11502.5000	47.93	3.83	51.76	74.00	-22.24	Peak	
4 *	11519.0500	35.94	3.82	39.76	54.00	-14.24	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5795 MHz

Vertical

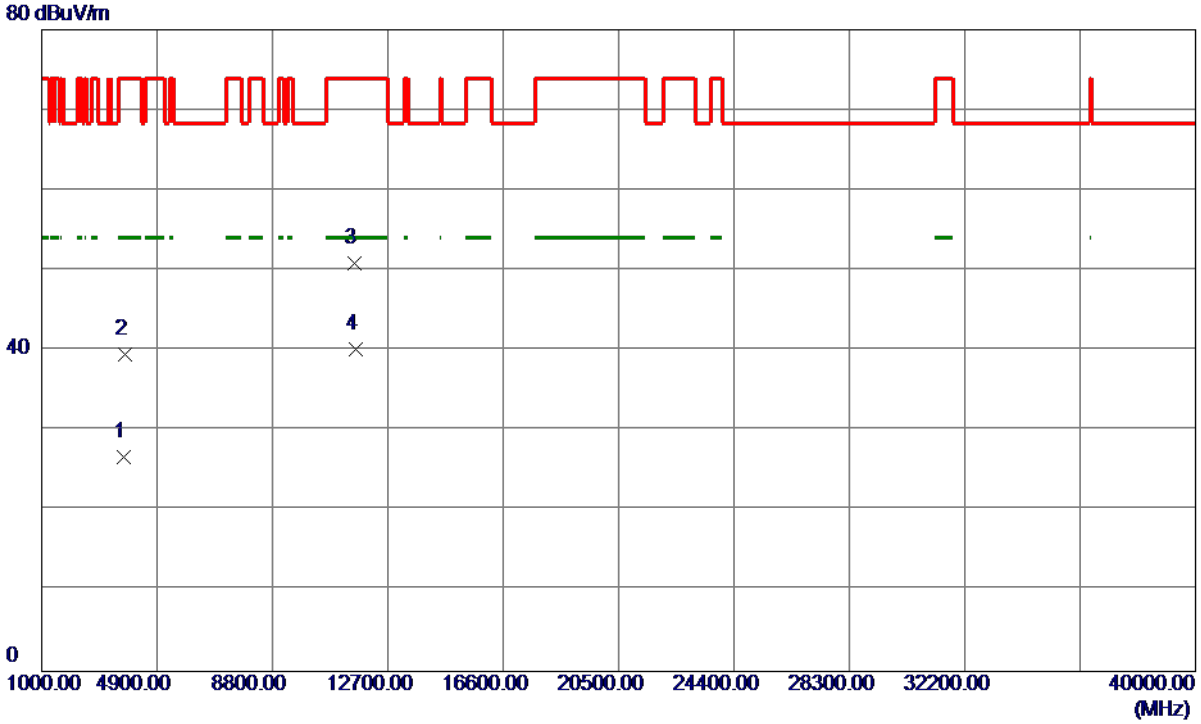


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.58	40.69	64.27	109.40	-45.13	Peak	
2	5725.0000	26.42	40.72	67.14	122.20	-55.06	Peak	
3 *	5781.9000	70.55	40.85	111.40	122.20	-10.80	Peak	
4	5850.0000	36.15	41.01	77.16	122.20	-45.04	Peak	
5	5860.0000	28.12	41.03	69.15	109.40	-40.25	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5795 MHz

Vertical

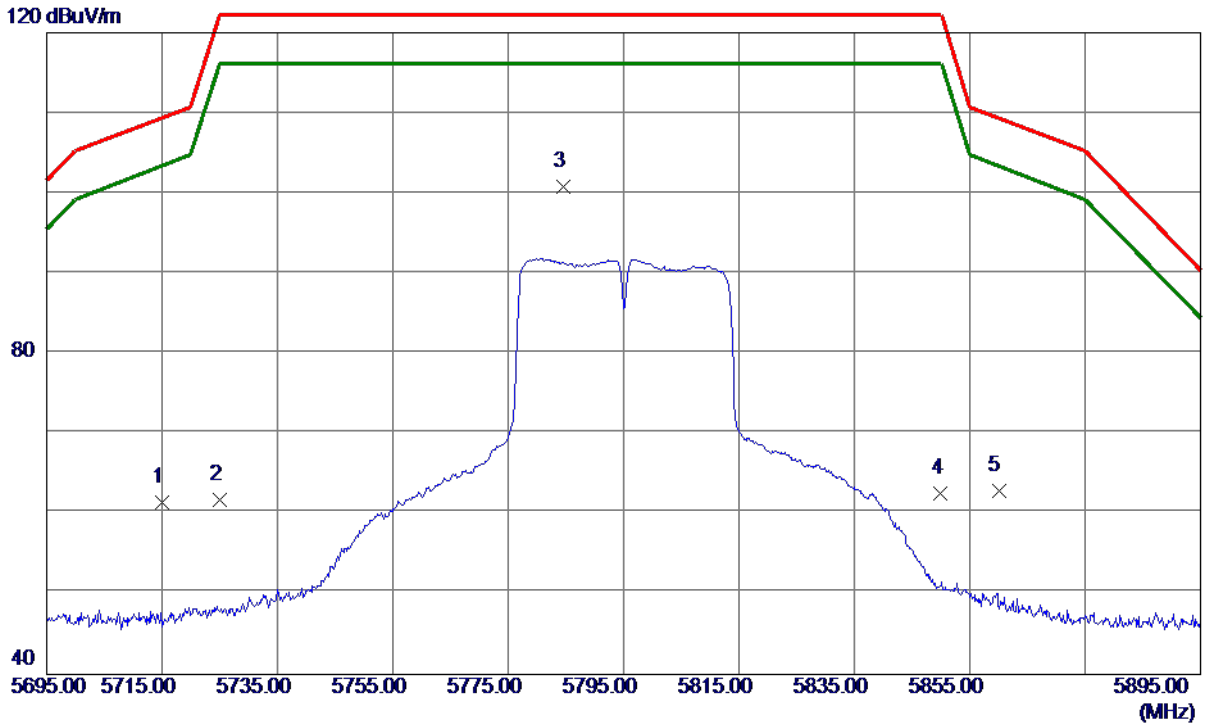


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3788.6330	39.28	-12.52	26.76	54.00	-27.24	AVG	
2	3804.4330	52.01	-12.47	39.54	74.00	-34.46	Peak	
3	11568.7000	47.06	3.80	50.86	74.00	-23.14	Peak	
4 *	11595.6000	36.34	3.79	40.13	54.00	-13.87	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5795 MHz

Horizontal

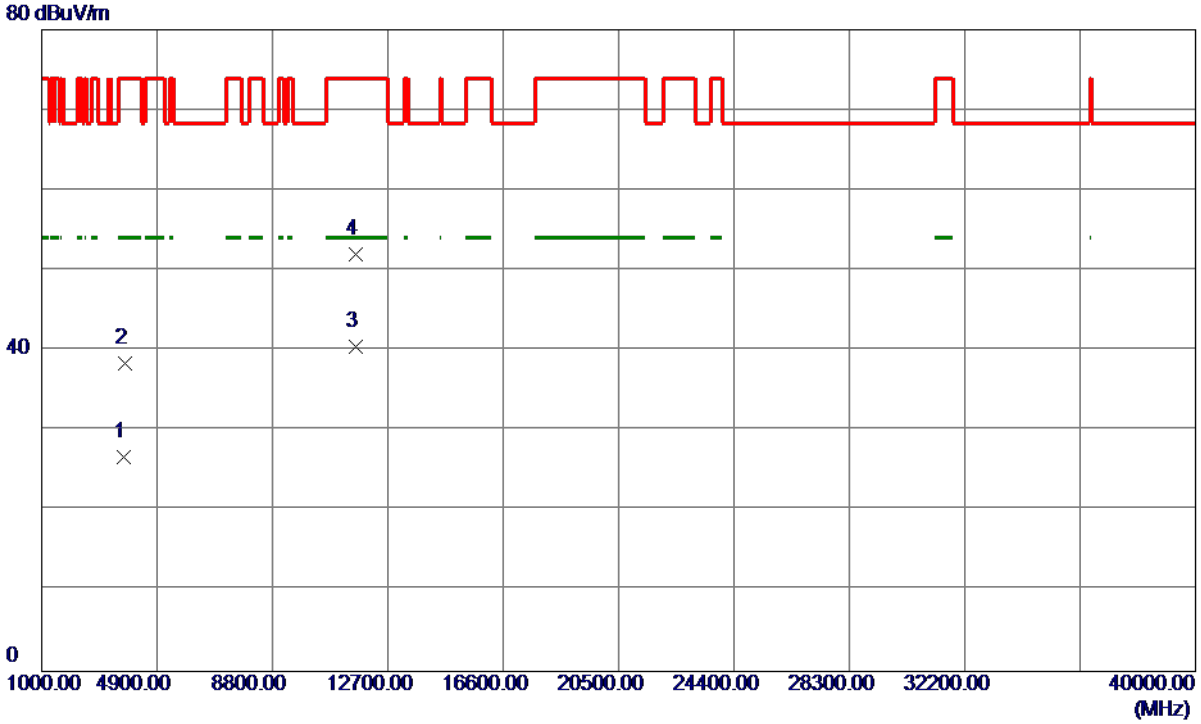


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.72	40.69	61.41	109.40	-47.99	Peak	
2	5725.0000	20.98	40.72	61.70	122.20	-60.50	Peak	
3 *	5784.6000	59.88	40.86	100.74	122.20	-21.46	Peak	
4	5850.0000	21.54	41.01	62.55	122.20	-59.65	Peak	
5	5860.0000	21.83	41.03	62.86	109.40	-46.54	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX N (HT40) Mode 5795 MHz

Horizontal

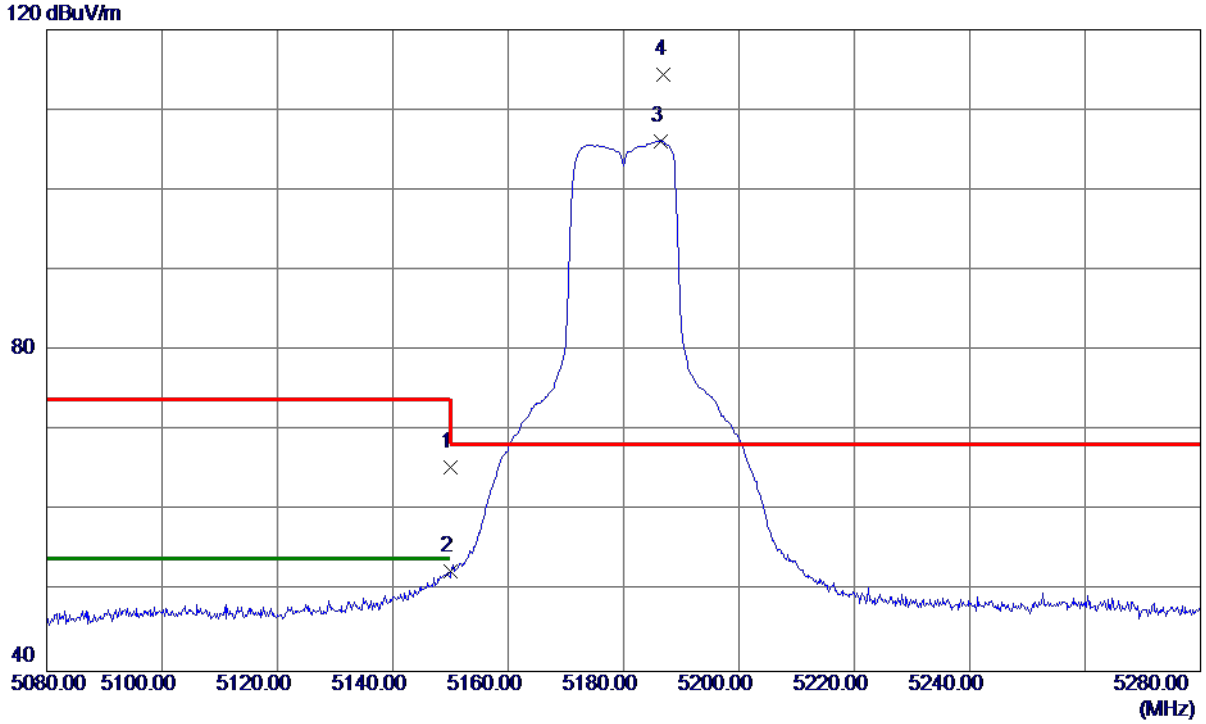


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3786.3330	39.20	-12.52	26.68	54.00	-27.32	AVG	
2	3812.8330	50.86	-12.44	38.42	74.00	-35.58	Peak	
3 *	11599.6500	36.75	3.79	40.54	54.00	-13.46	AVG	
4	11601.2000	48.21	3.79	52.00	74.00	-22.00	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Vertical

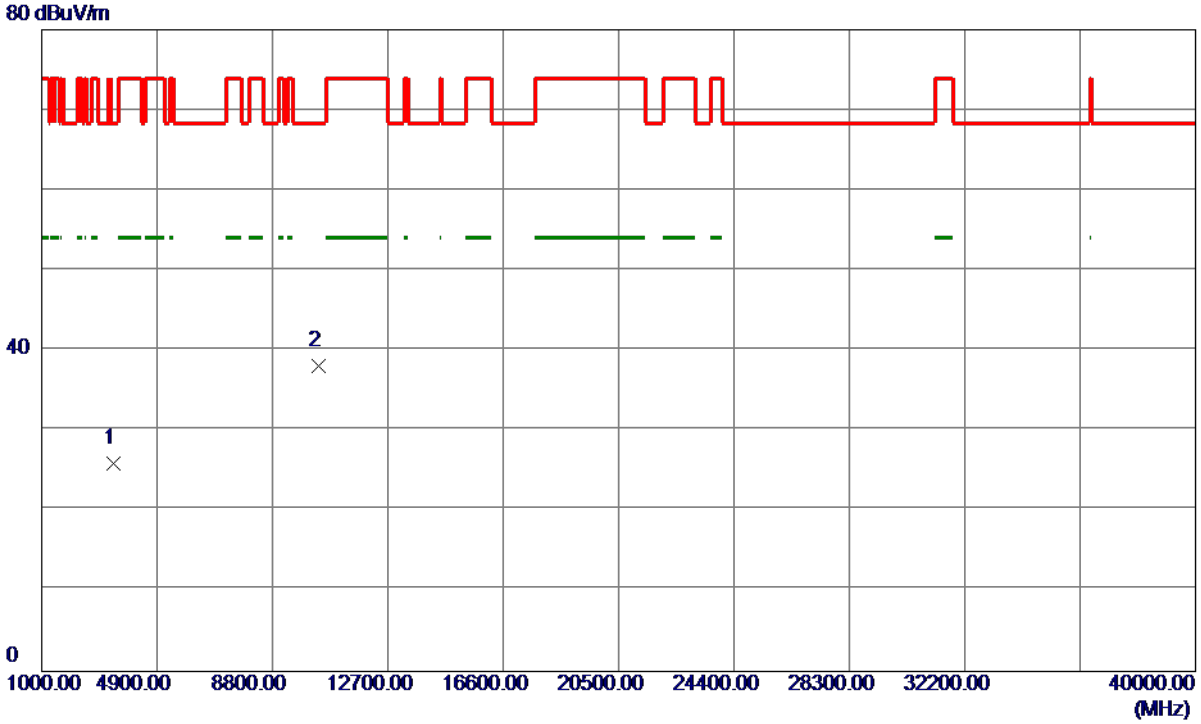


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.71	39.77	65.48	74.00	-8.52	Peak	
2	5150.0000	12.76	39.77	52.53	54.00	-1.47	AVG	
3	5186.4000	66.33	39.81	106.14	999.00	-892.86	AVG	No limiti
4 *	5187.0000	74.59	39.81	114.40	68.30	46.10	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Vertical

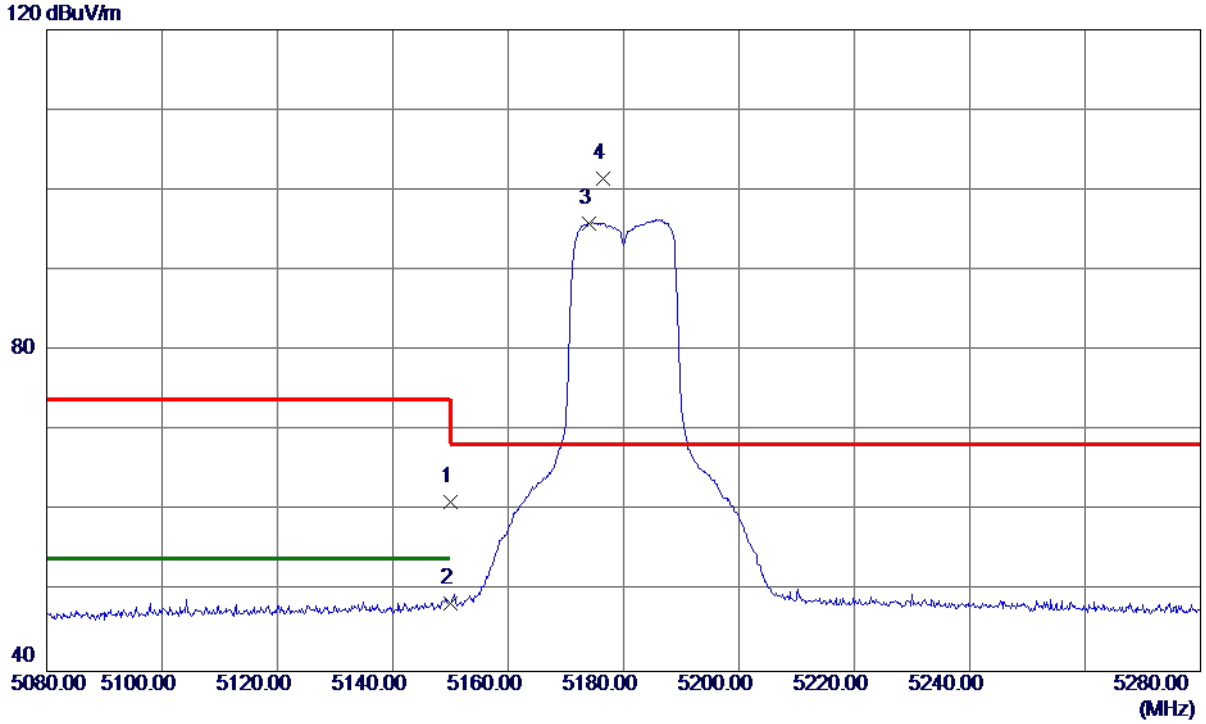


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3434.6230	39.38	-13.42	25.96	68.30	-42.34	Peak	
2 *	10358.9000	35.56	2.48	38.04	68.30	-30.26	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Horizontal

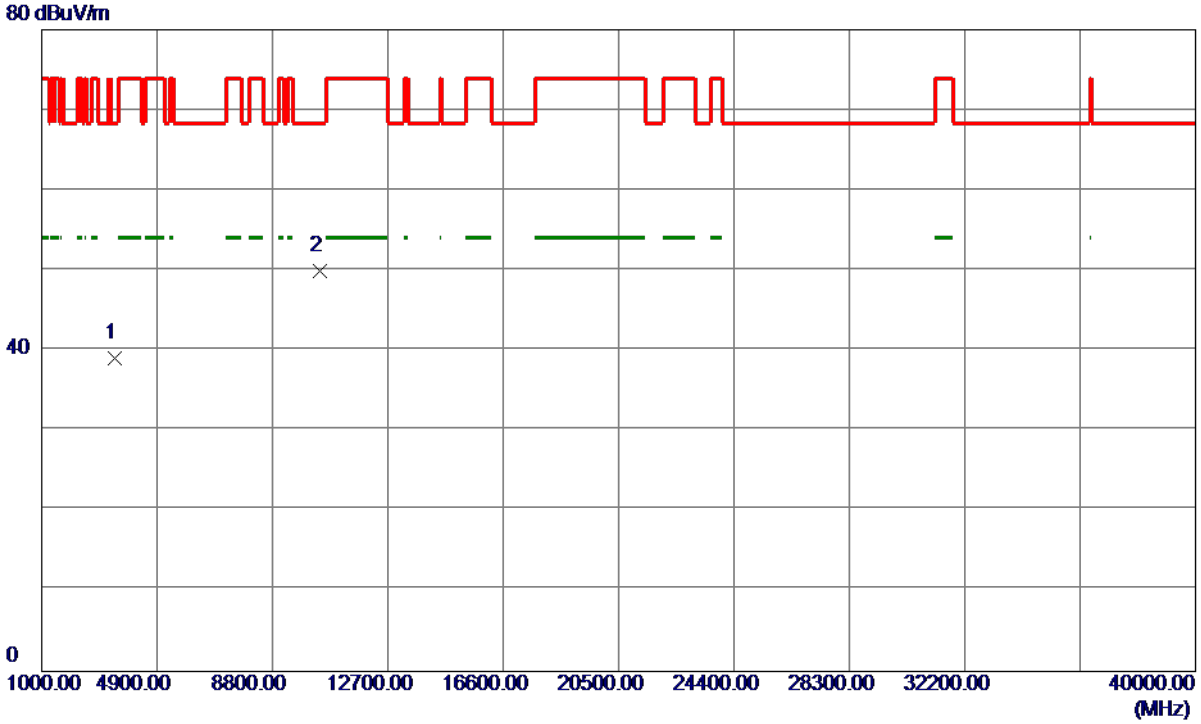


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.32	39.77	61.09	74.00	-12.91	Peak	
2	5150.0000	8.65	39.77	48.42	54.00	-5.58	AVG	
3	5173.9000	56.07	39.80	95.87	999.00	-903.13	AVG	No limiti
4 *	5176.4000	61.65	39.80	101.45	68.30	33.15	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Horizontal

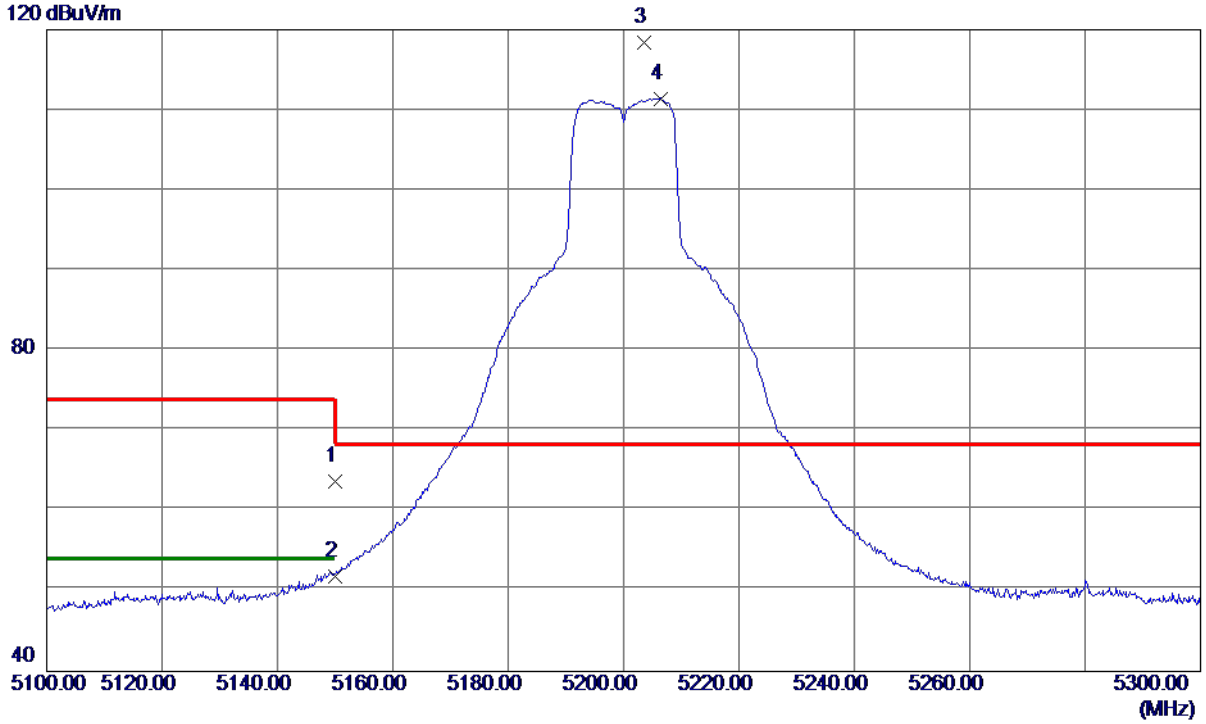


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3453.9030	52.37	-13.40	38.97	68.30	-29.33	Peak	
2 *	10382.5000	47.51	2.47	49.98	68.30	-18.32	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Vertical

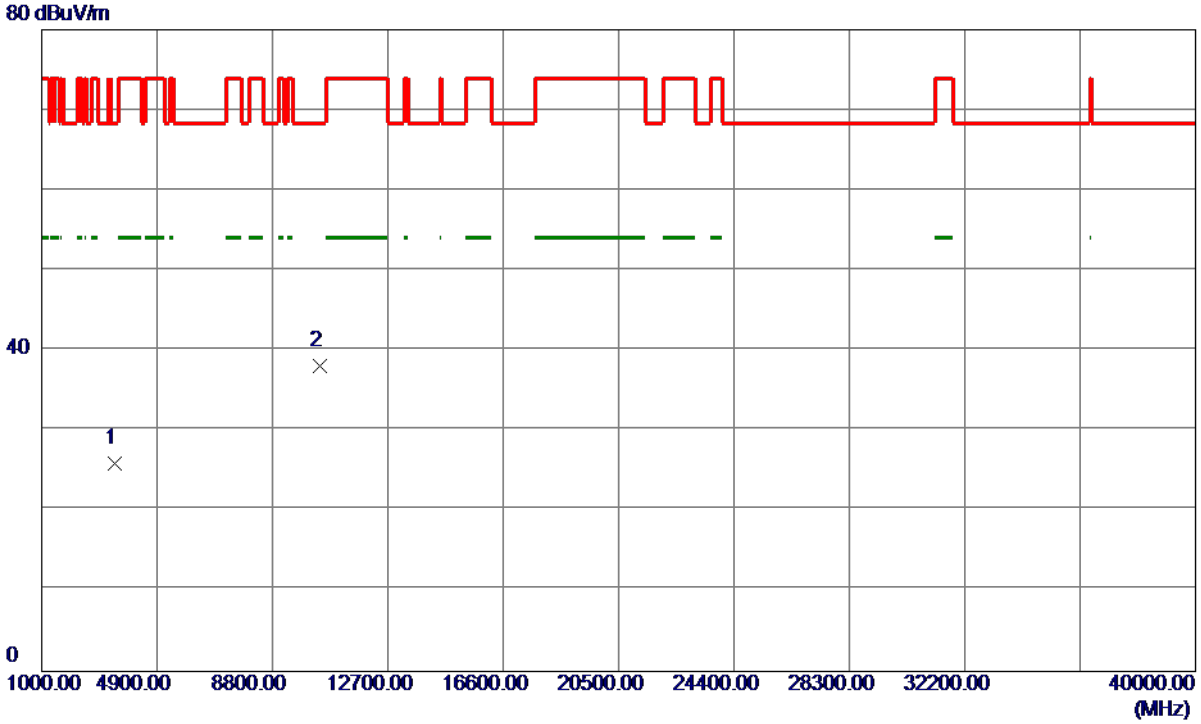


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.84	39.77	63.61	74.00	-10.39	Peak	
2	5150.0000	12.07	39.77	51.84	54.00	-2.16	AVG	
3 *	5203.5000	78.63	39.83	118.46	68.30	50.16	Peak	No limiti
4	5206.4000	71.60	39.84	111.44	999.00	-887.56	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Vertical

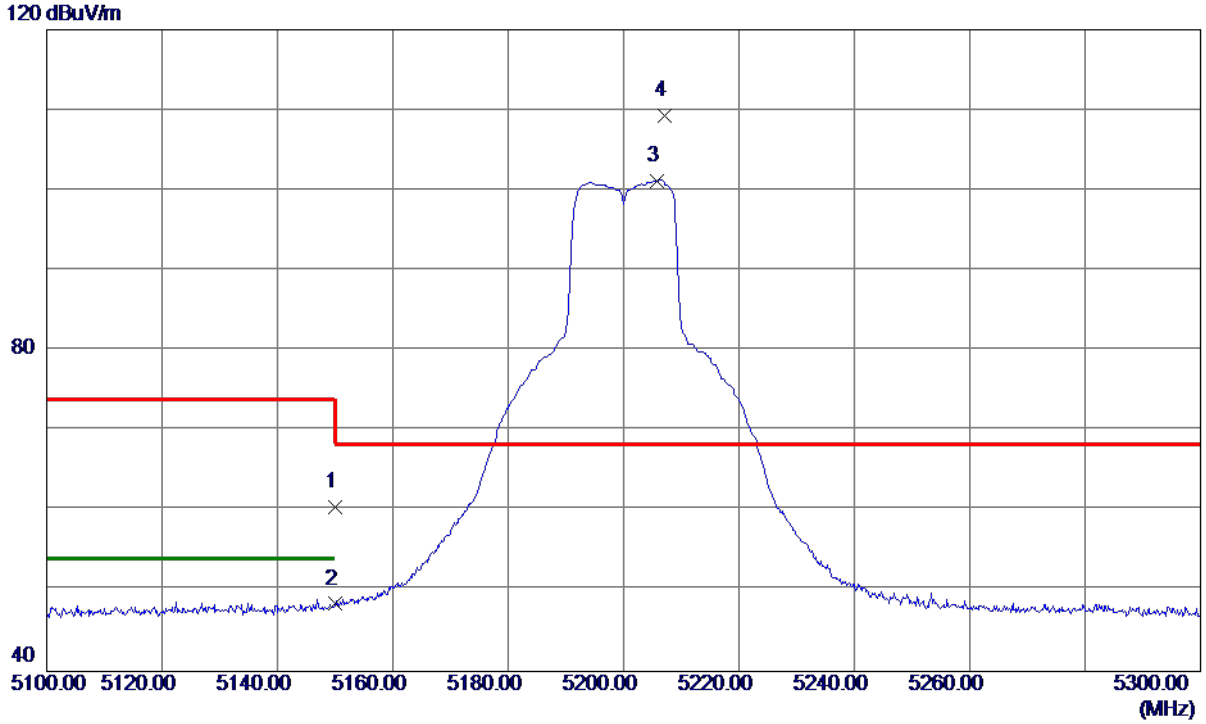


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3470.0170	39.31	-13.39	25.92	68.30	-42.38	Peak	
2 *	10423.6500	35.63	2.44	38.07	68.30	-30.23	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Horizontal

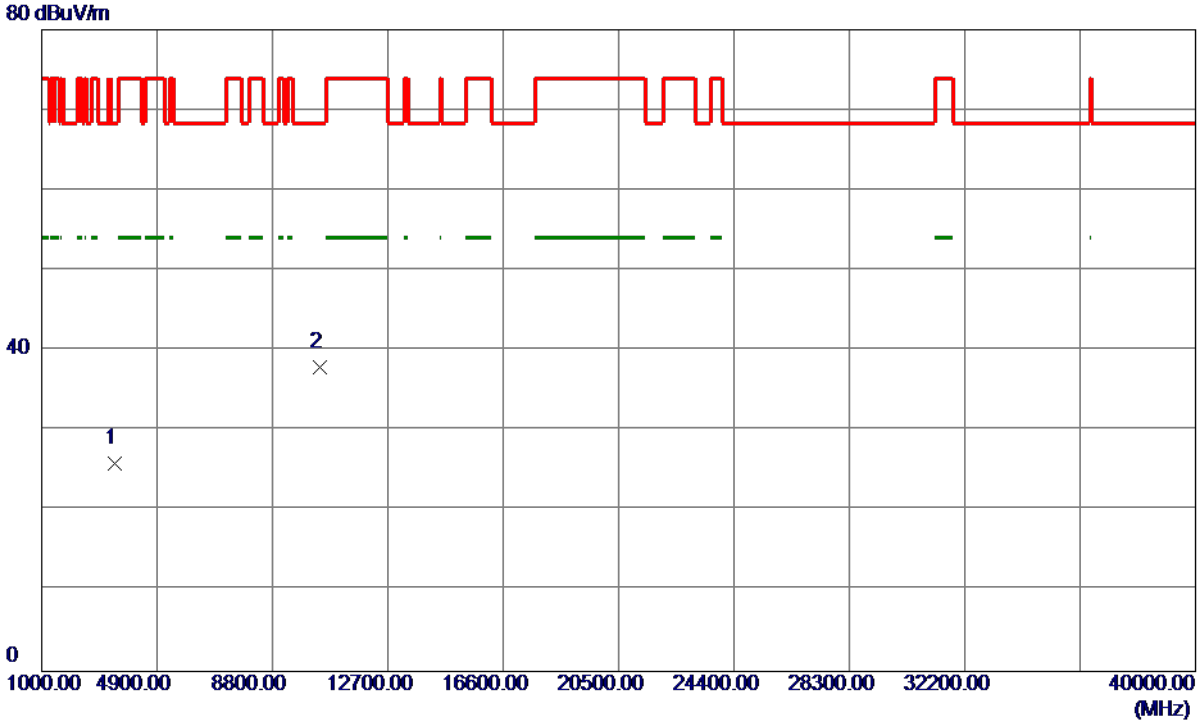


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.76	39.77	60.53	74.00	-13.47	Peak	
2	5150.0000	8.63	39.77	48.40	54.00	-5.60	AVG	
3	5205.7000	61.28	39.84	101.12	999.00	-897.88	AVG	No limiti
4 *	5207.1000	69.43	39.84	109.27	68.30	40.97	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5200 MHz

Horizontal

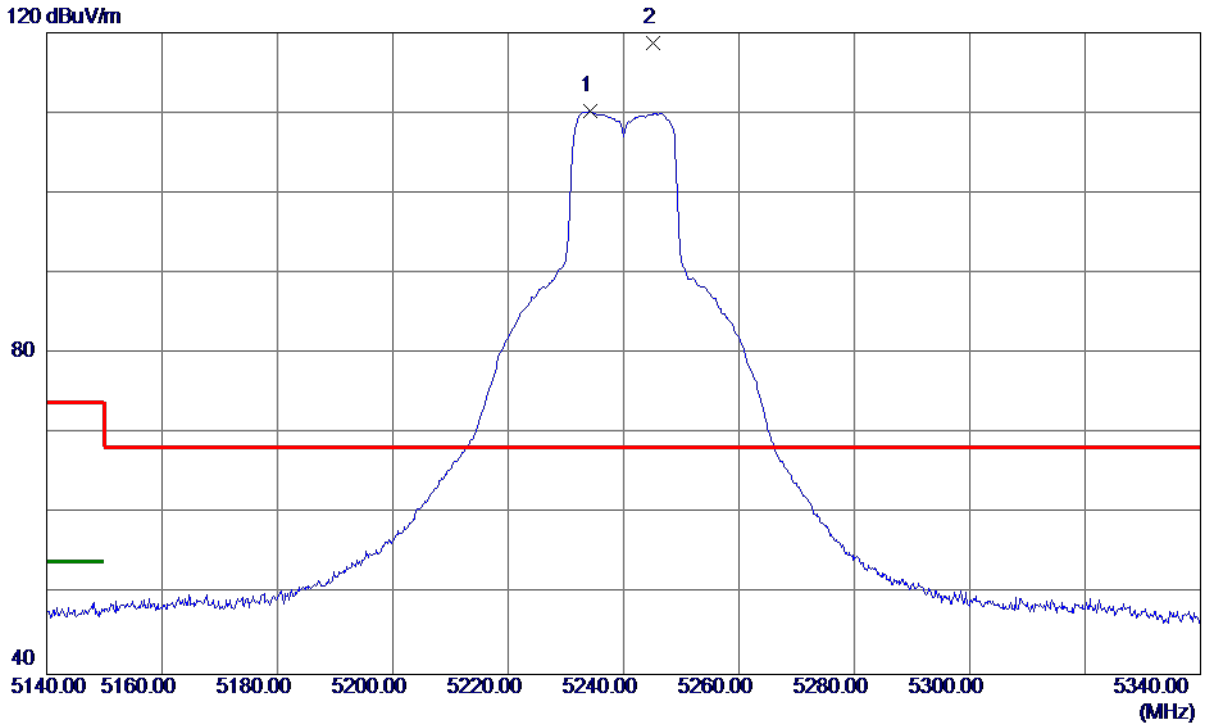


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3469.2170	39.28	-13.39	25.89	68.30	-42.41	Peak	
2 *	10414.0000	35.44	2.44	37.88	68.30	-30.42	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Vertical

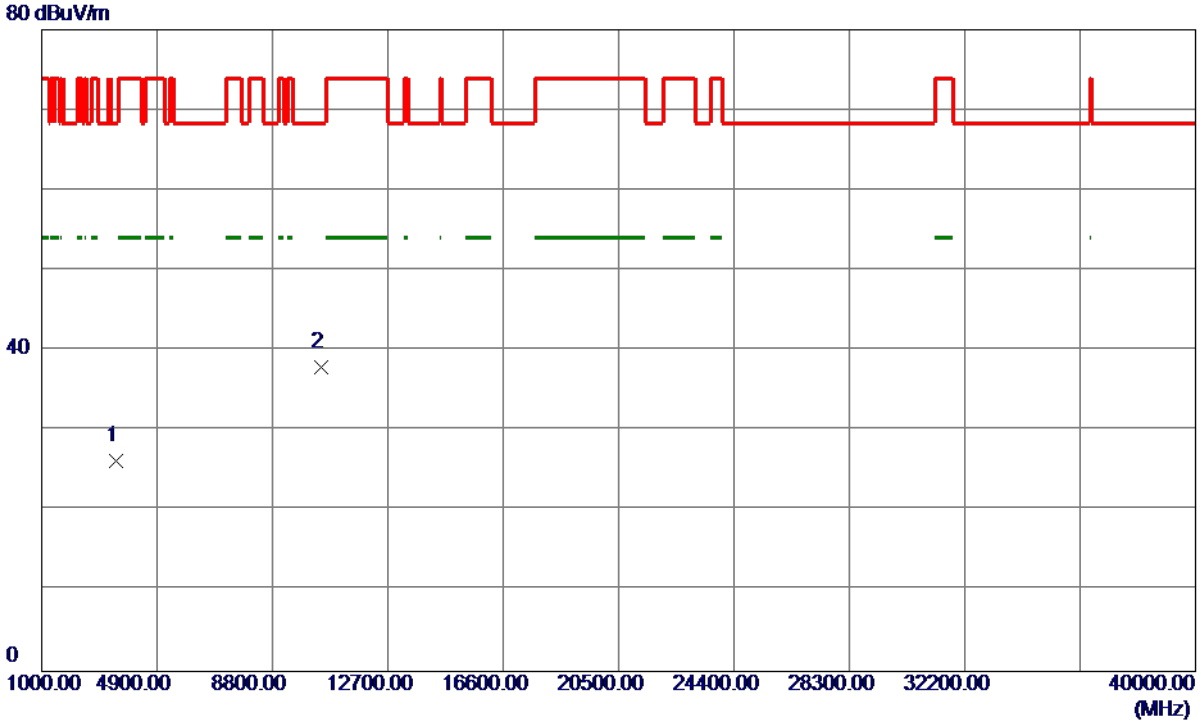


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5234.2000	70.35	39.87	110.22	999.00	-888.78	AVG	No limiti
2 *	5245.2000	78.81	39.88	118.69	68.30	50.39	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Vertical

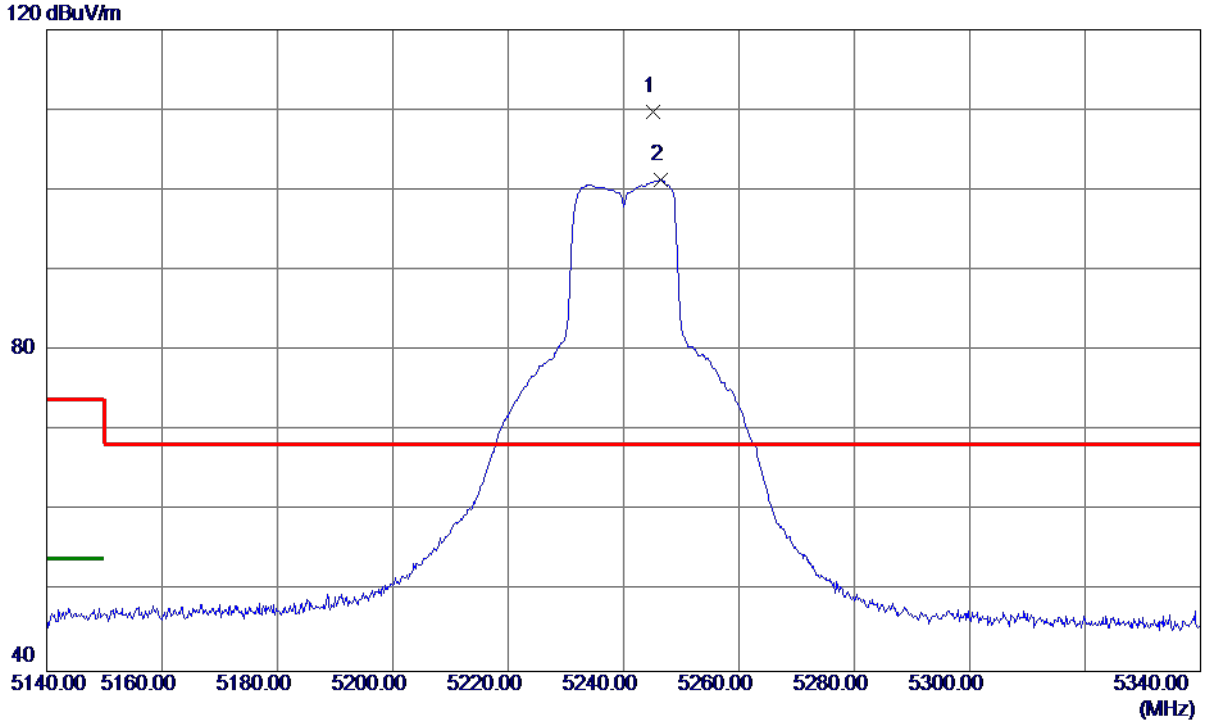


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3499.7500	39.57	-13.37	26.20	68.30	-42.10	Peak	
2 *	10461.2500	35.52	2.41	37.93	68.30	-30.37	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Horizontal

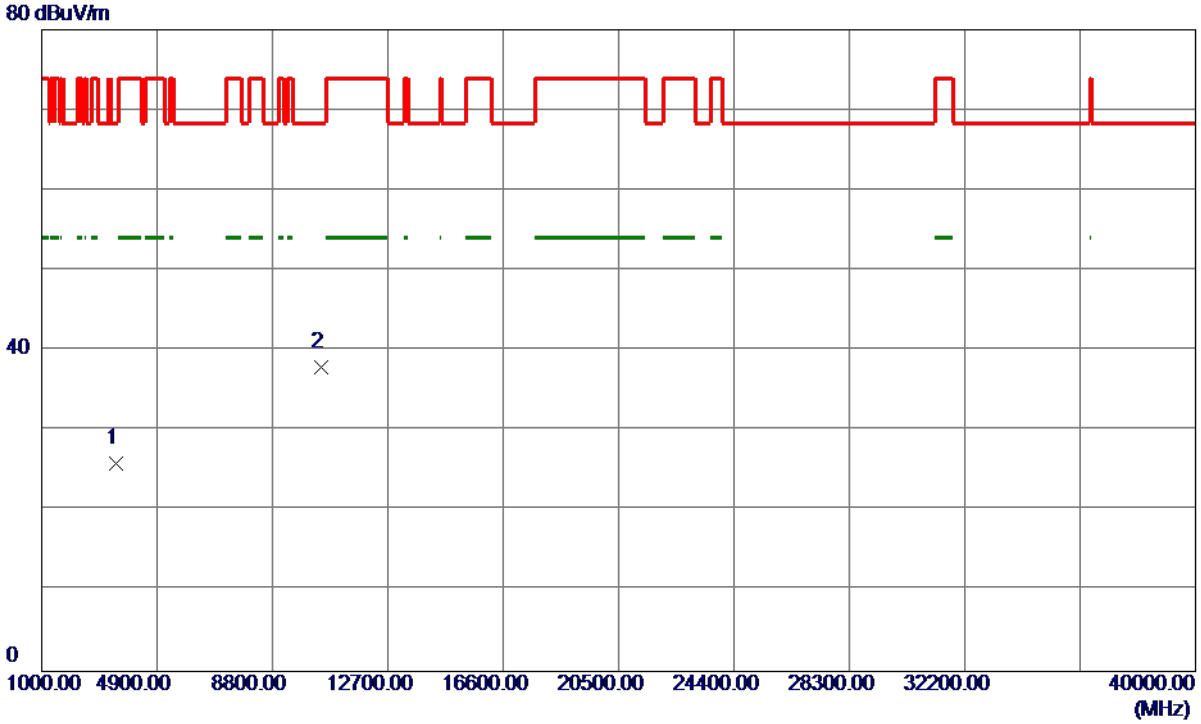


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.2000	69.92	39.88	109.80	68.30	41.50	Peak	No limiti
2	5246.4000	61.44	39.89	101.33	999.00	-897.67	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5240 MHz

Horizontal

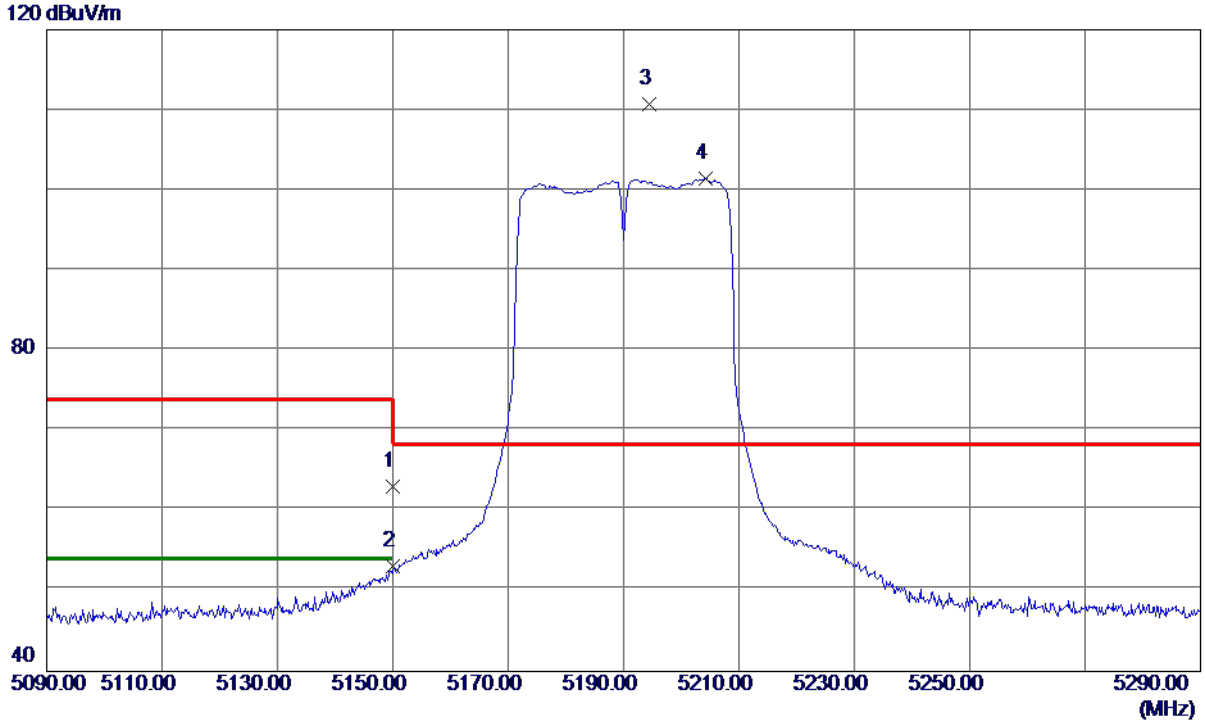


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3508.0000	39.31	-13.35	25.96	68.30	-42.34	Peak	
2 *	10461.8000	35.58	2.41	37.99	68.30	-30.31	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Vertical

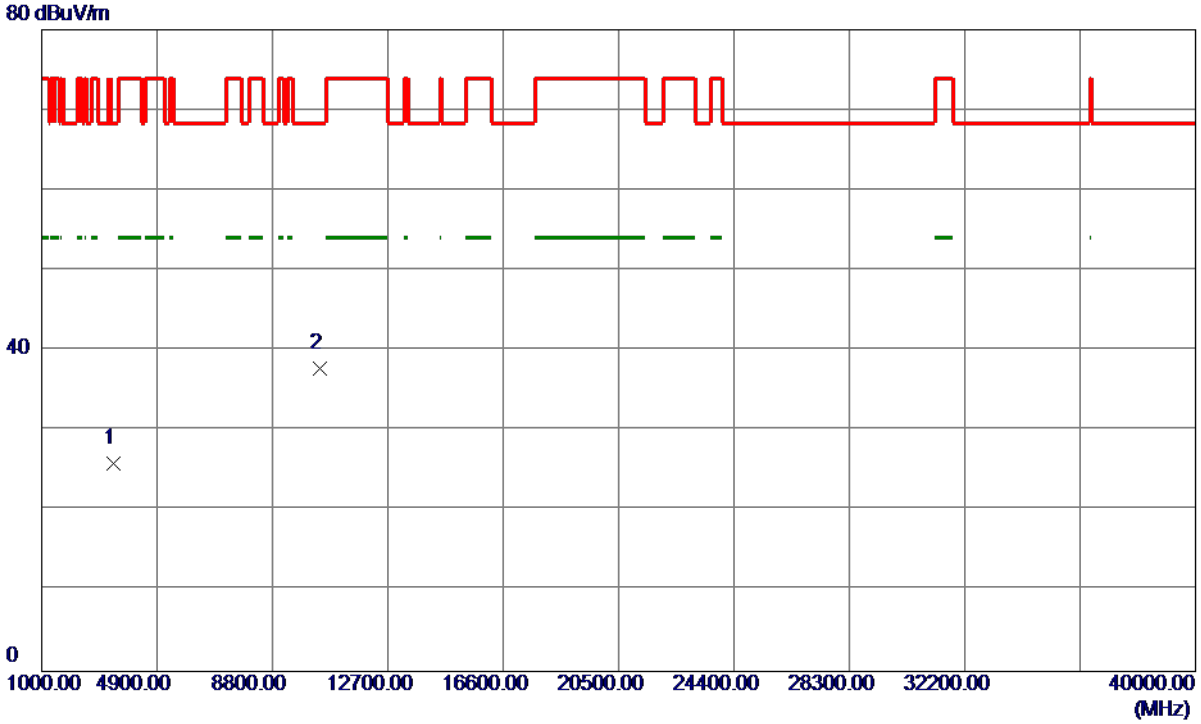


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.22	39.77	62.99	74.00	-11.01	Peak	
2	5150.0000	13.33	39.77	53.10	54.00	-0.90	AVG	
3 *	5194.5000	70.88	39.82	110.70	68.30	42.40	Peak	No limiti
4	5204.2000	61.62	39.83	101.45	999.00	-897.55	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Vertical

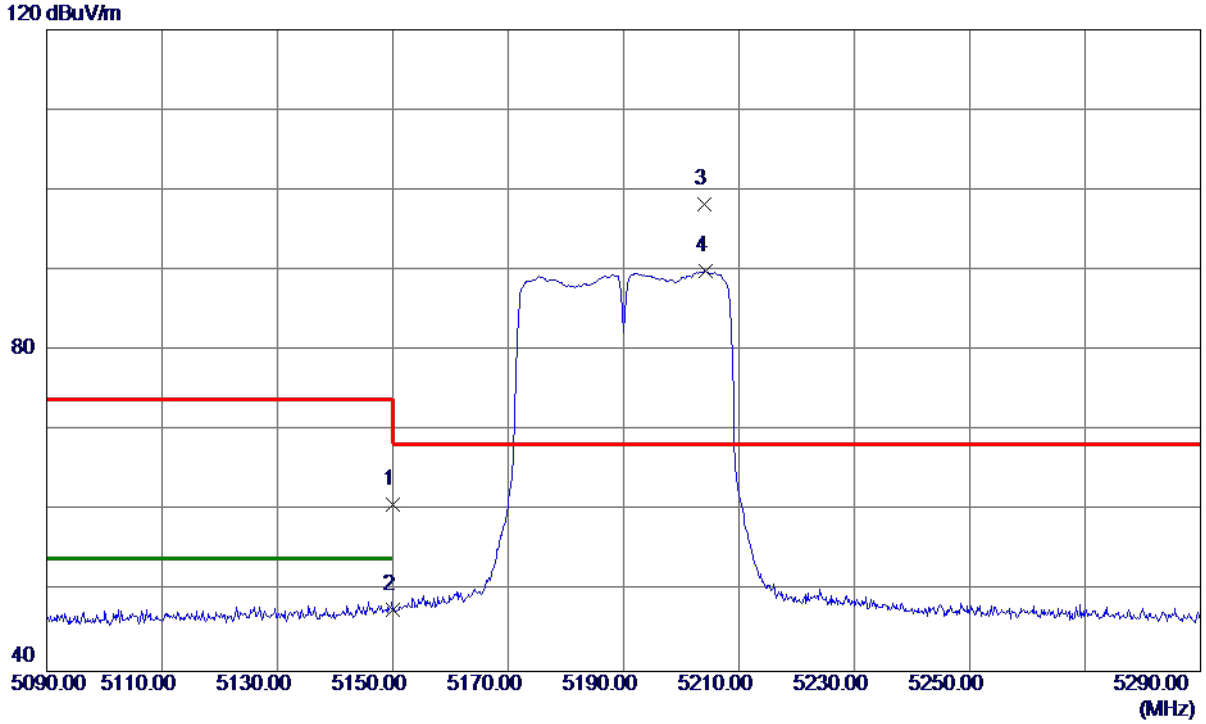


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3437.1500	39.38	-13.42	25.96	68.30	-42.34	Peak	
2 *	10395.2500	35.36	2.46	37.82	68.30	-30.48	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Horizontal

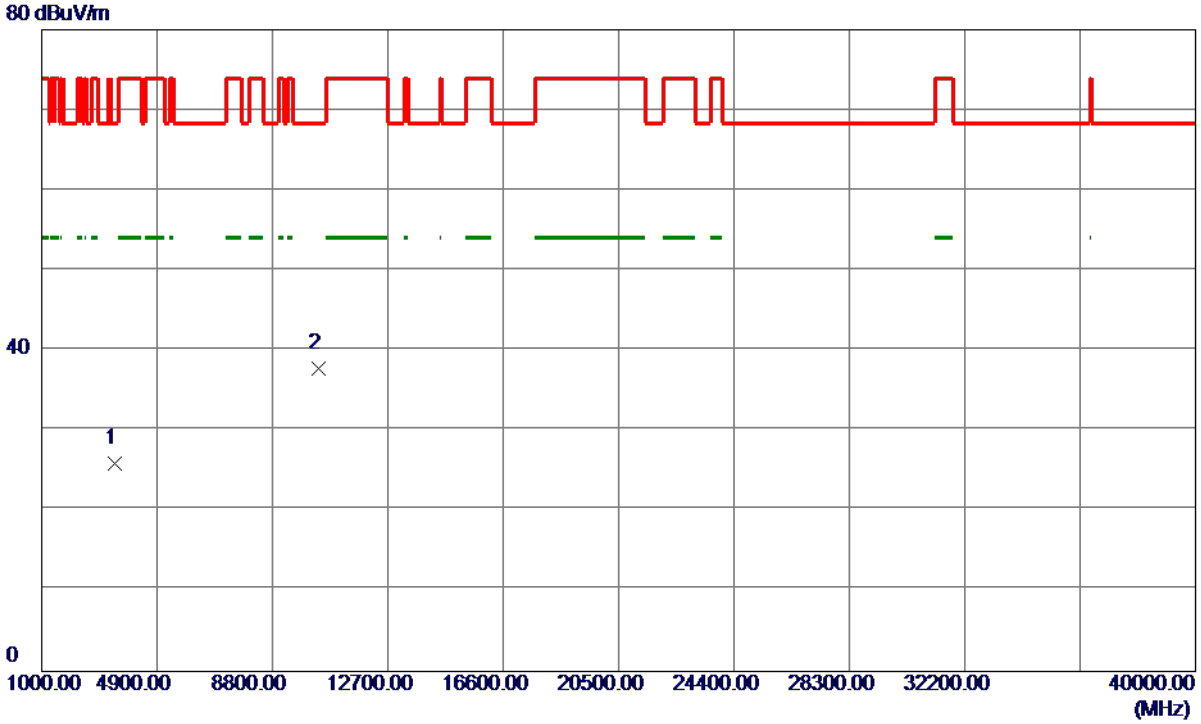


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.06	39.77	60.83	74.00	-13.17	Peak	
2	5150.0000	7.99	39.77	47.76	54.00	-6.24	AVG	
3 *	5203.9000	58.39	39.83	98.22	68.30	29.92	Peak	No limiti
4	5204.2000	50.12	39.83	89.95	999.00	-909.05	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5190 MHz

Horizontal

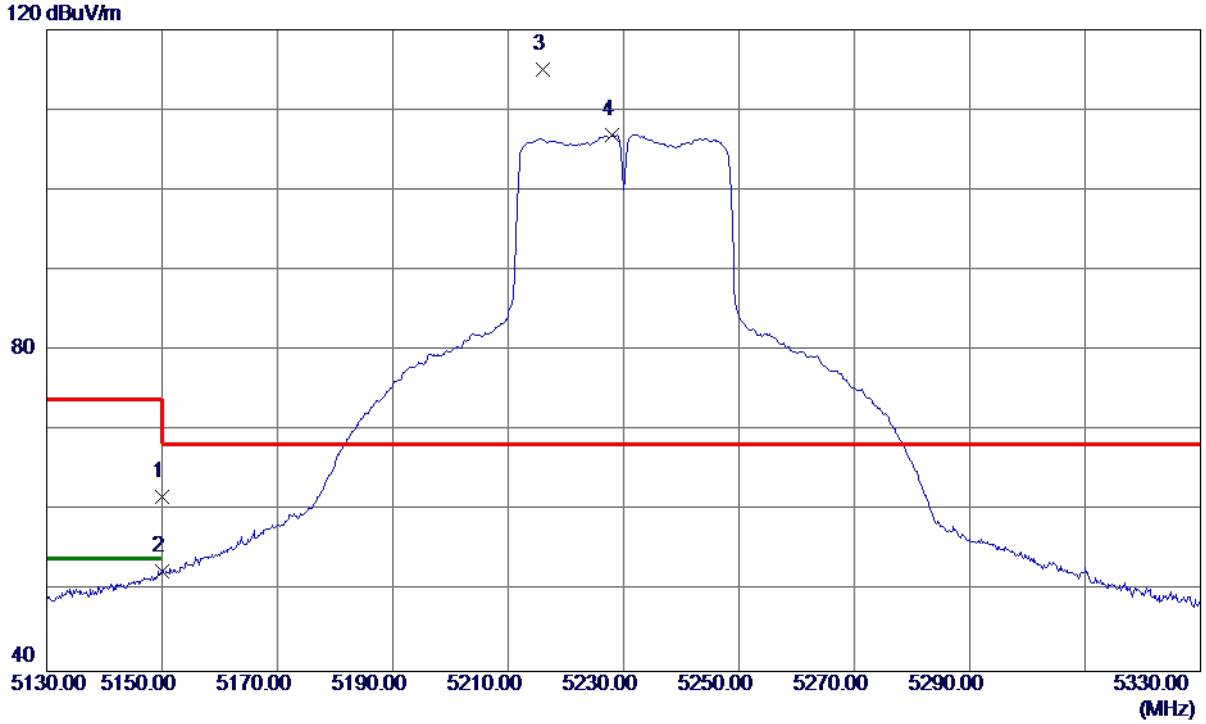


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3451.1000	39.32	-13.41	25.91	68.30	-42.39	Peak	
2 *	10362.8000	35.32	2.48	37.80	68.30	-30.50	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Vertical

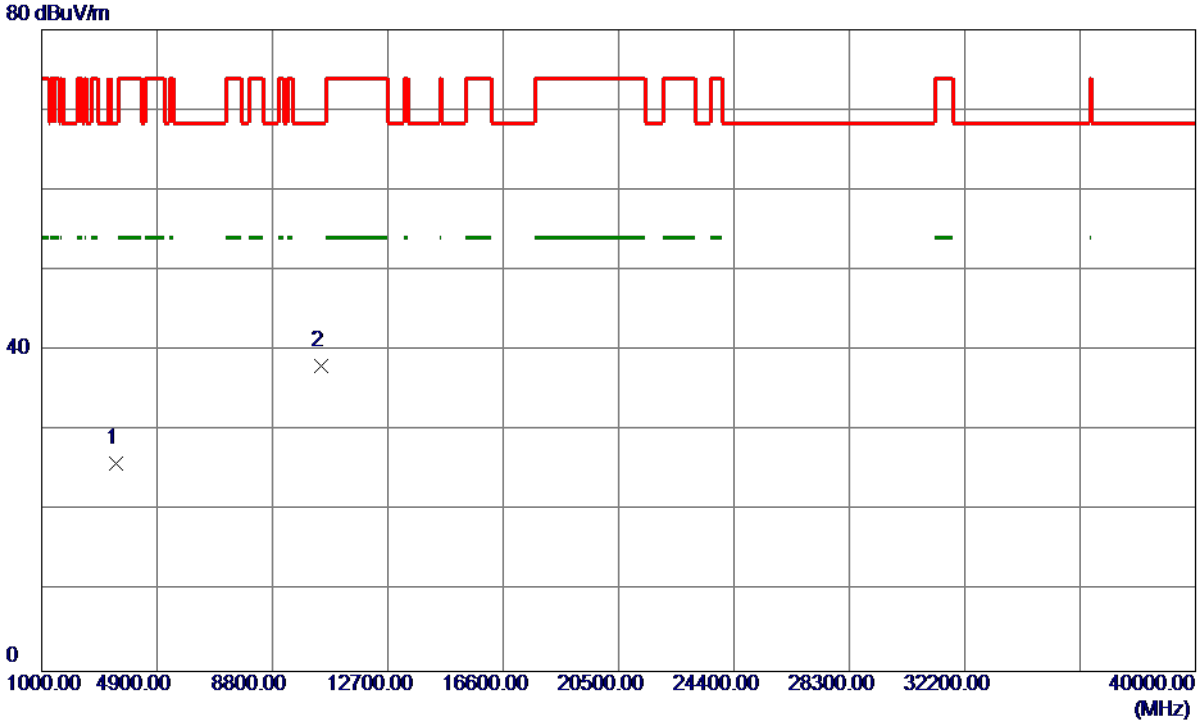


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.92	39.77	61.69	74.00	-12.31	Peak	
2	5150.0000	12.77	39.77	52.54	54.00	-1.46	AVG	
3 *	5215.9000	75.24	39.85	115.09	68.30	46.79	Peak	No limiti
4	5228.1000	66.99	39.86	106.85	999.00	-892.15	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Vertical

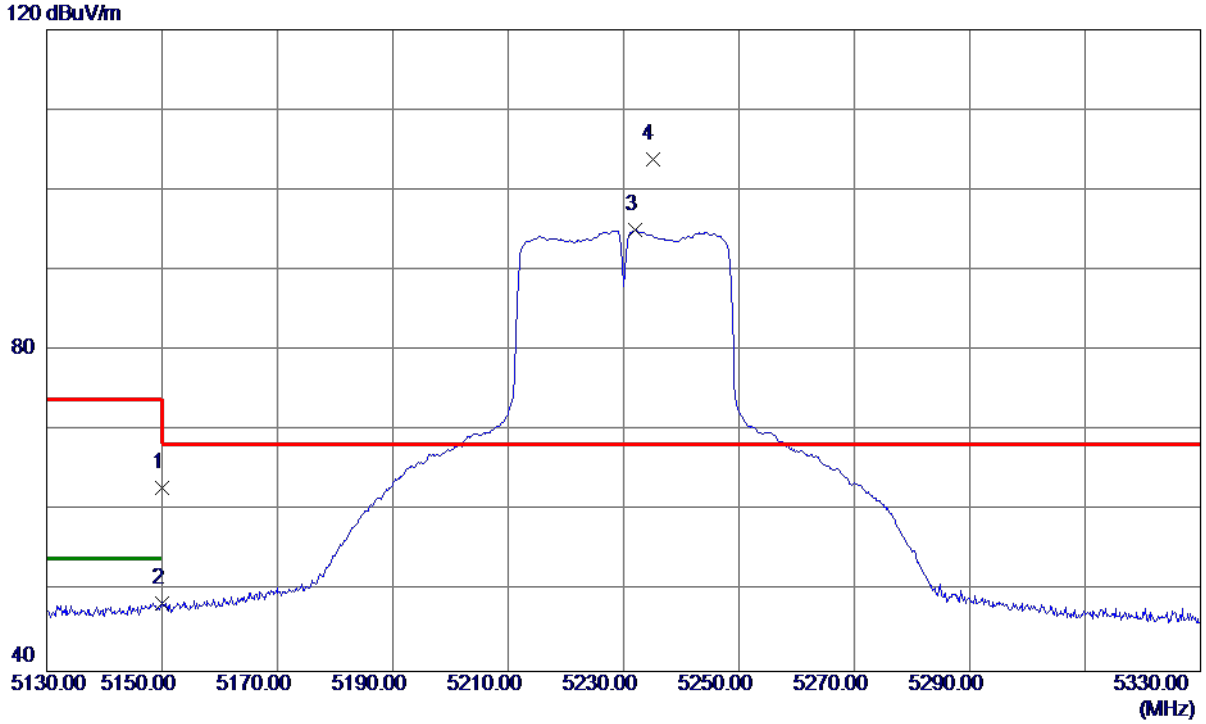


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3505.4170	39.32	-13.35	25.97	68.30	-42.33	Peak	
2 *	10466.4500	35.66	2.41	38.07	68.30	-30.23	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Horizontal

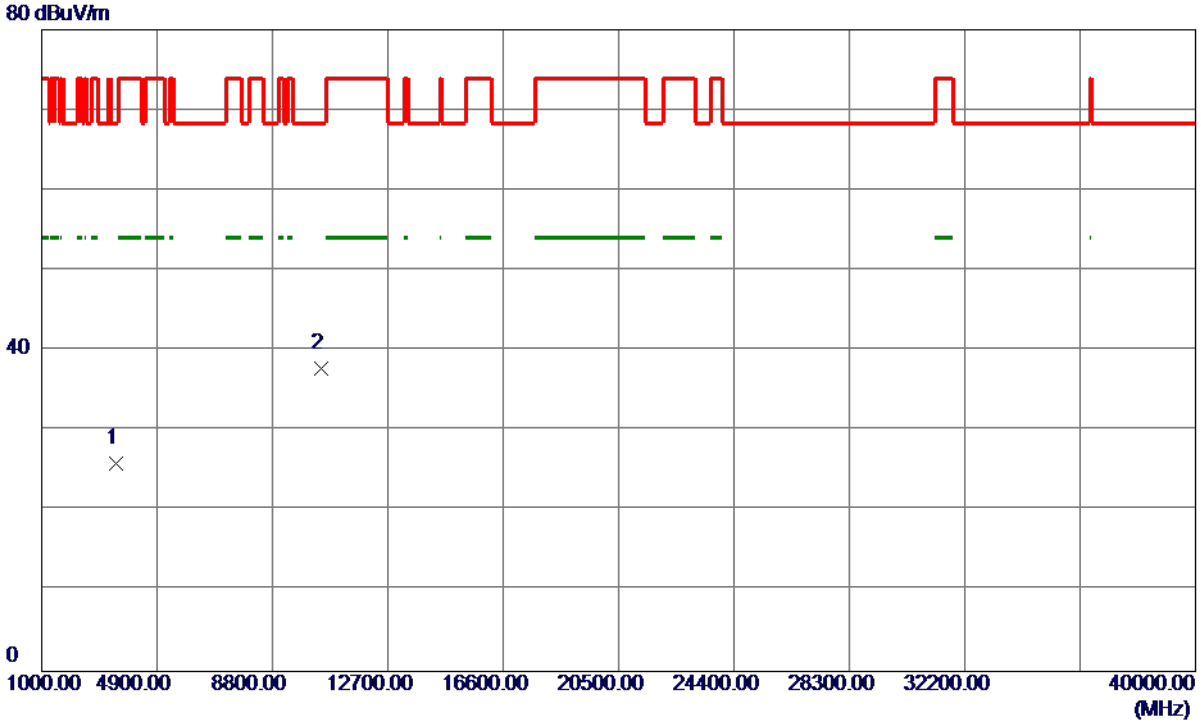


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.06	39.77	62.83	74.00	-11.17	Peak	
2	5150.0000	8.67	39.77	48.44	54.00	-5.56	AVG	
3	5232.1000	55.12	39.87	94.99	999.00	-904.01	AVG	No limiti
4 *	5235.0000	63.96	39.87	103.83	68.30	35.53	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT40) Mode 5230 MHz

Horizontal

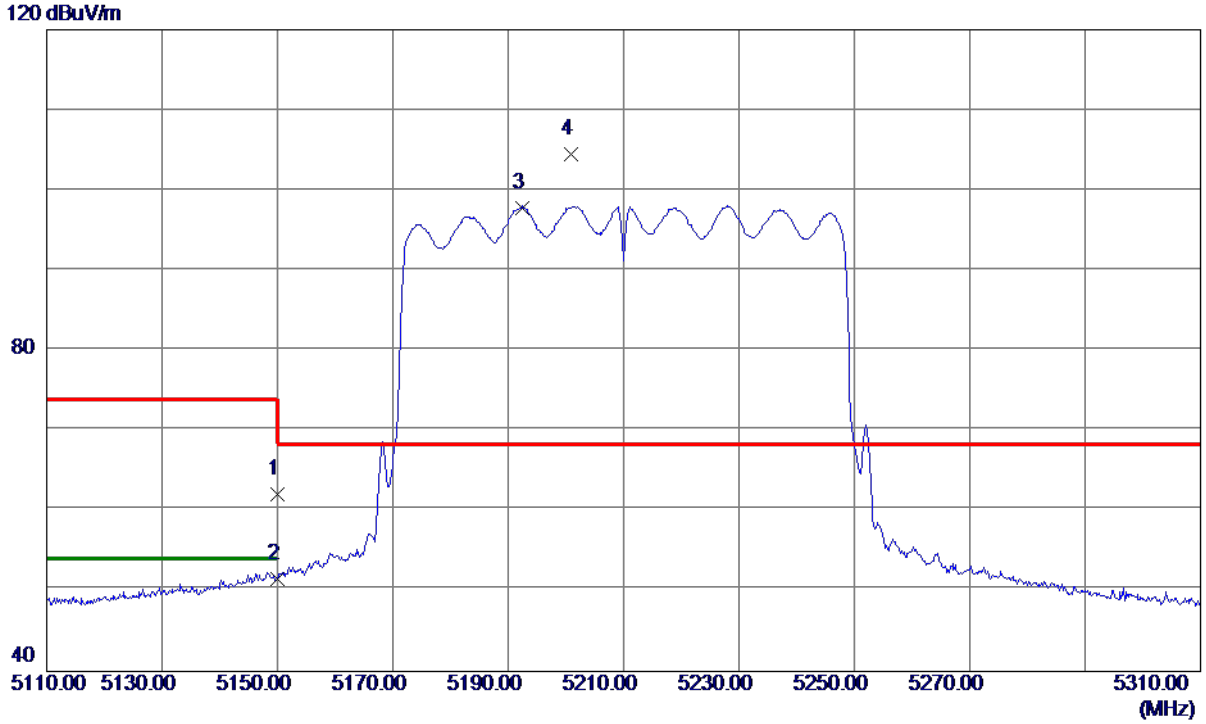


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3492.3170	39.26	-13.38	25.88	68.30	-42.42	Peak	
2 *	10465.9000	35.42	2.41	37.83	68.30	-30.47	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Vertical

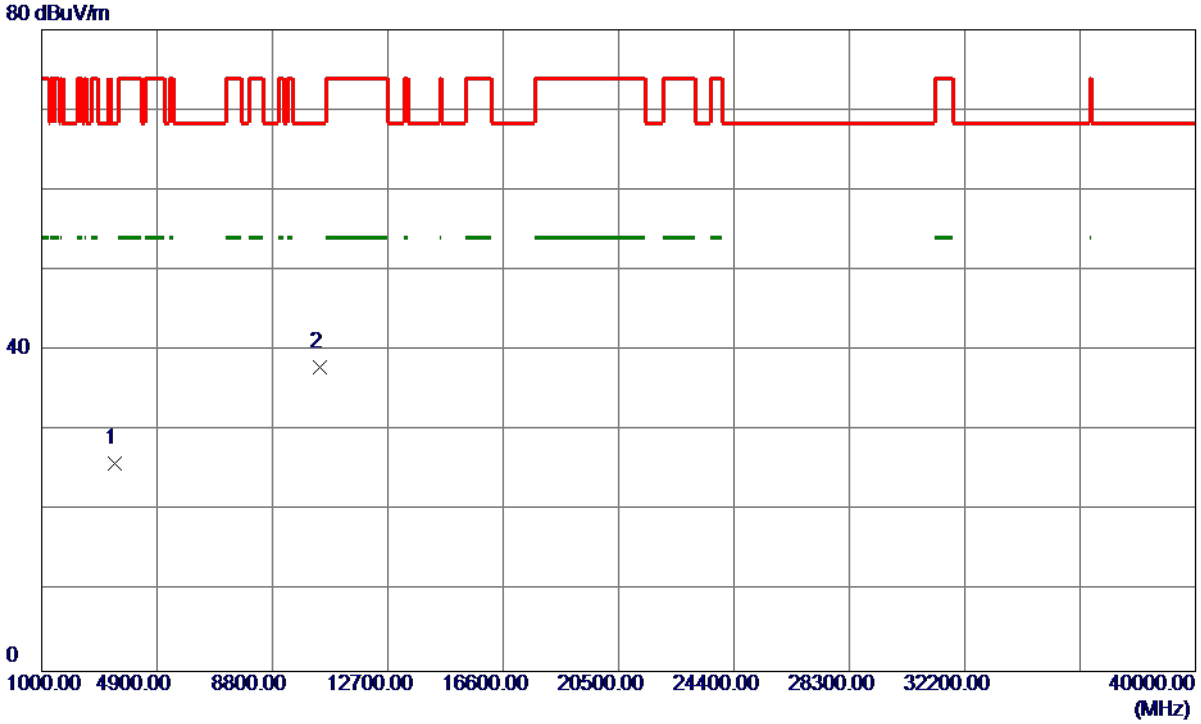


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.31	39.77	62.08	74.00	-11.92	Peak	
2	5150.0000	11.80	39.77	51.57	54.00	-2.43	AVG	
3	5192.5000	57.99	39.82	97.81	999.00	-901.19	AVG	No limiti
4 *	5200.9000	64.66	39.83	104.49	68.30	36.19	Peak	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Vertical

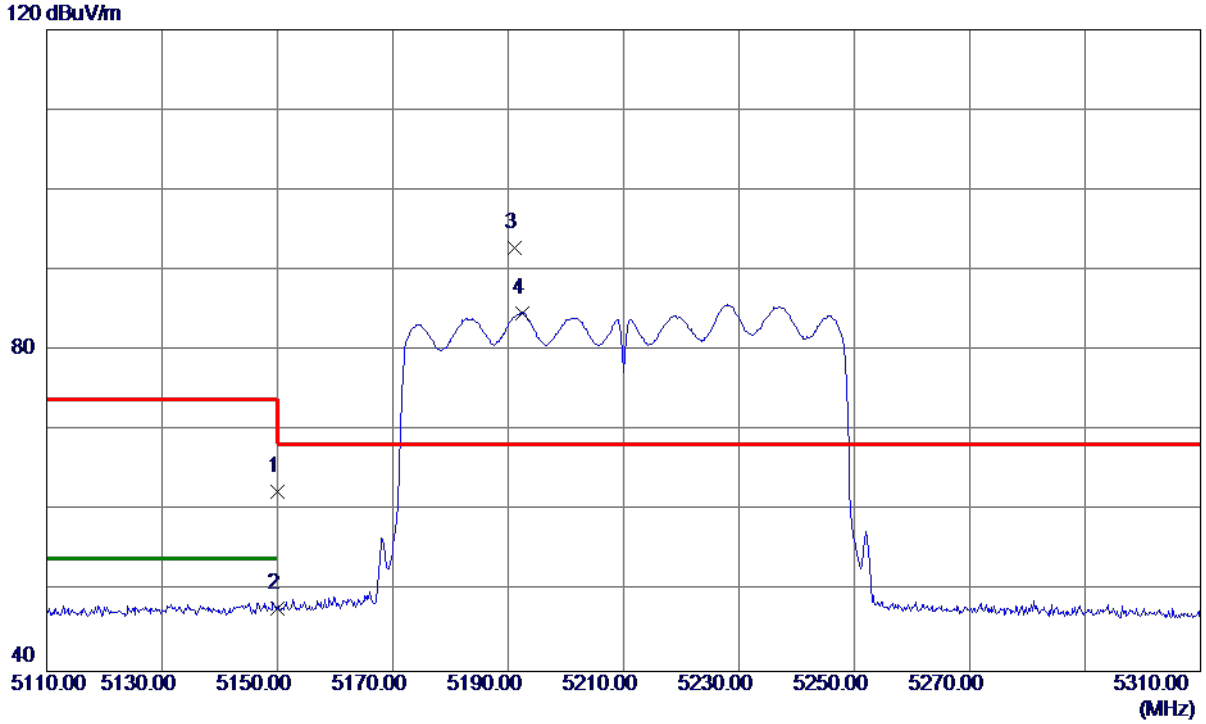


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3451.1000	39.37	-13.41	25.96	68.30	-42.34	Peak	
2 *	10422.1000	35.44	2.44	37.88	68.30	-30.42	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Horizontal

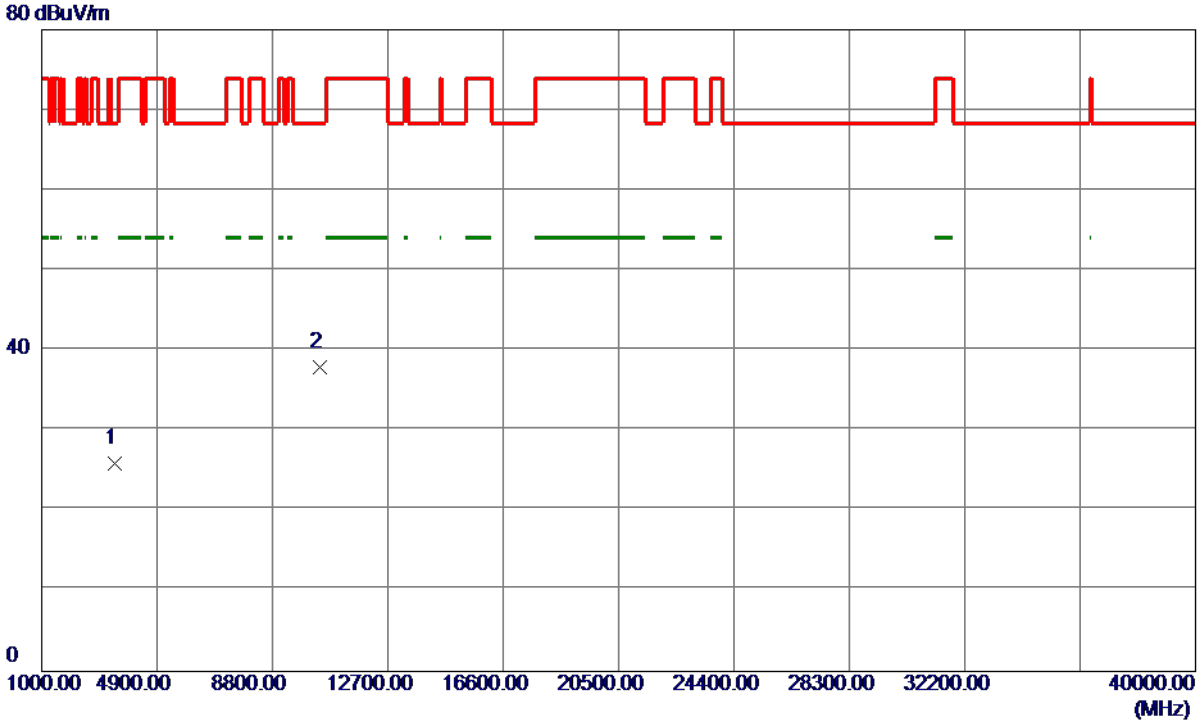


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.62	39.77	62.39	74.00	-11.61	Peak	
2	5150.0000	8.01	39.77	47.78	54.00	-6.22	AVG	
3 *	5191.2000	52.96	39.82	92.78	68.30	24.48	Peak	No limiti
4	5192.5000	44.81	39.82	84.63	999.00	-914.37	AVG	No limiti

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT80) Mode 5210 MHz

Horizontal

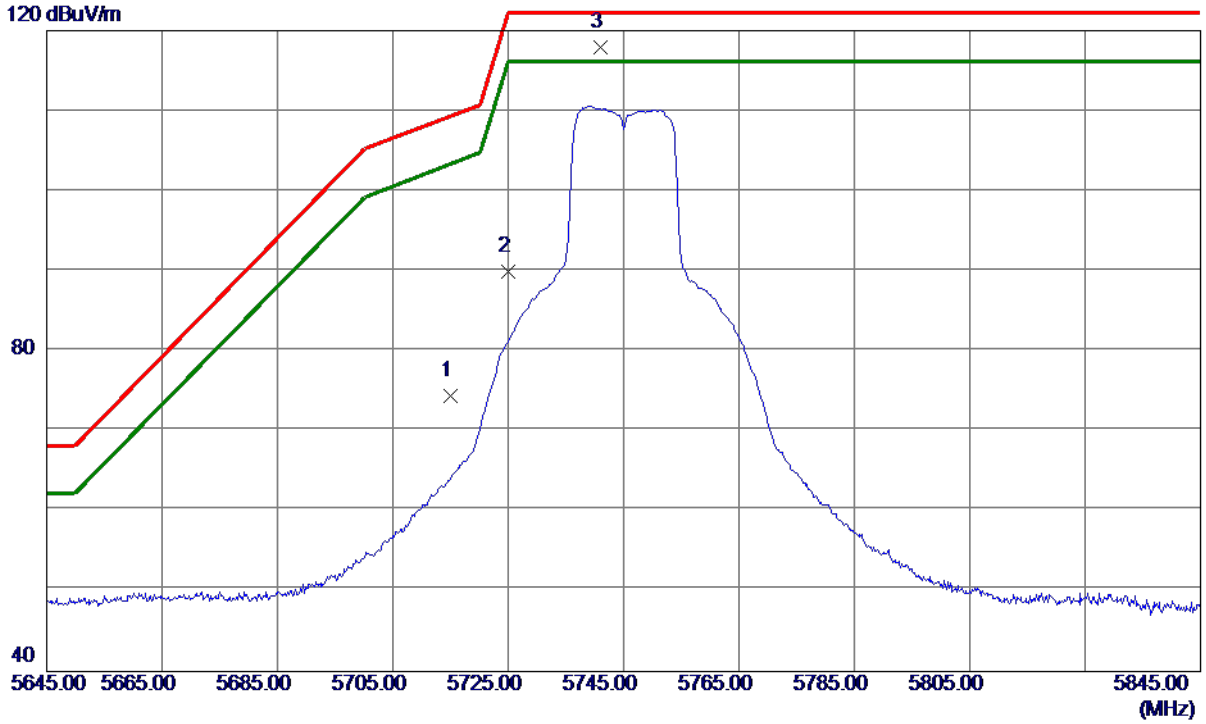


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3466.6500	39.34	-13.39	25.95	68.30	-42.35	Peak	
2 *	10417.9500	35.55	2.44	37.99	68.30	-30.31	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5745 MHz

Vertical

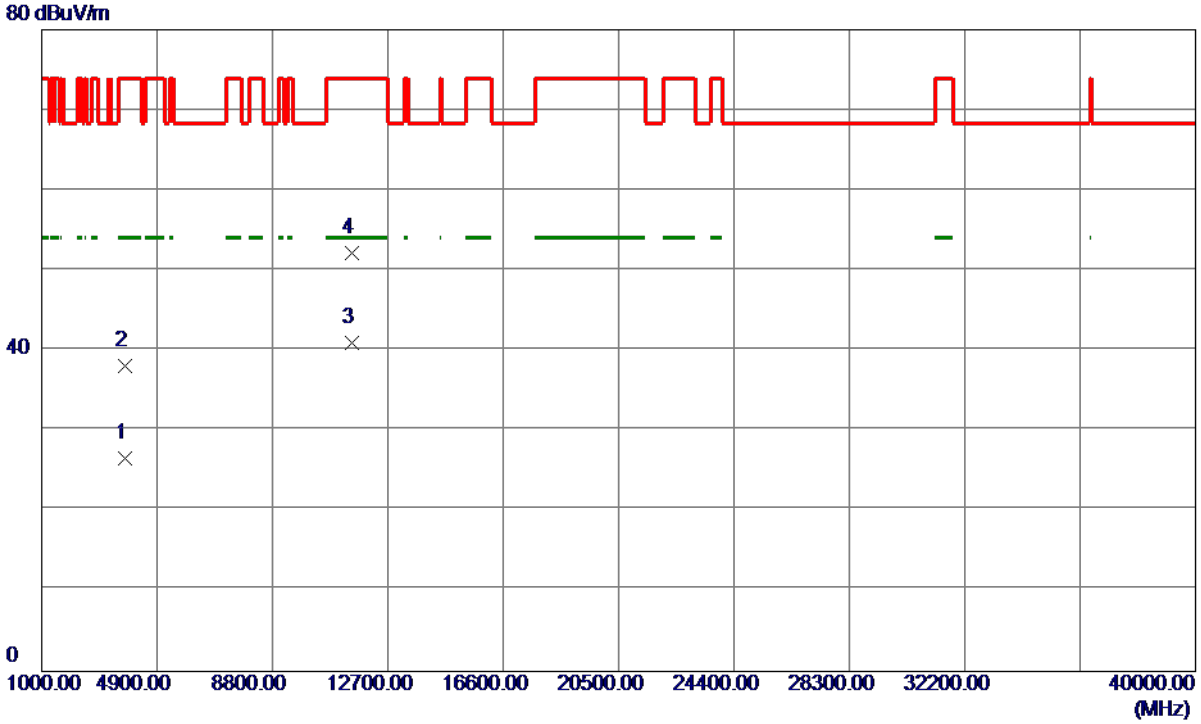


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	33.67	40.69	74.36	109.40	-35.04	Peak	
2	5725.0000	49.19	40.72	89.91	122.20	-32.29	Peak	
3 *	5741.0000	77.22	40.75	117.97	122.20	-4.23	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5745 MHz

Vertical

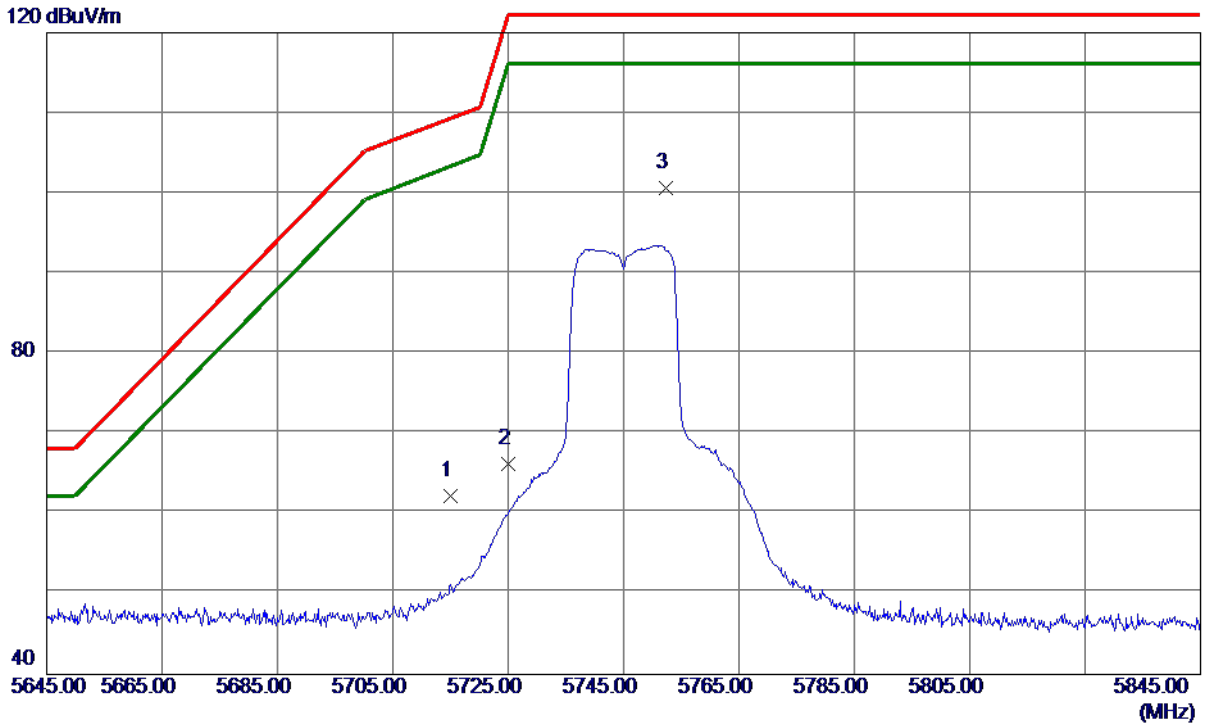


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3811.3500	38.96	-12.45	26.51	54.00	-27.49	AVG	
2	3832.5000	50.43	-12.39	38.04	74.00	-35.96	Peak	
3 *	11489.2000	37.13	3.85	40.98	54.00	-13.02	AVG	
4	11496.0500	48.36	3.84	52.20	74.00	-21.80	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5745 MHz

Horizontal

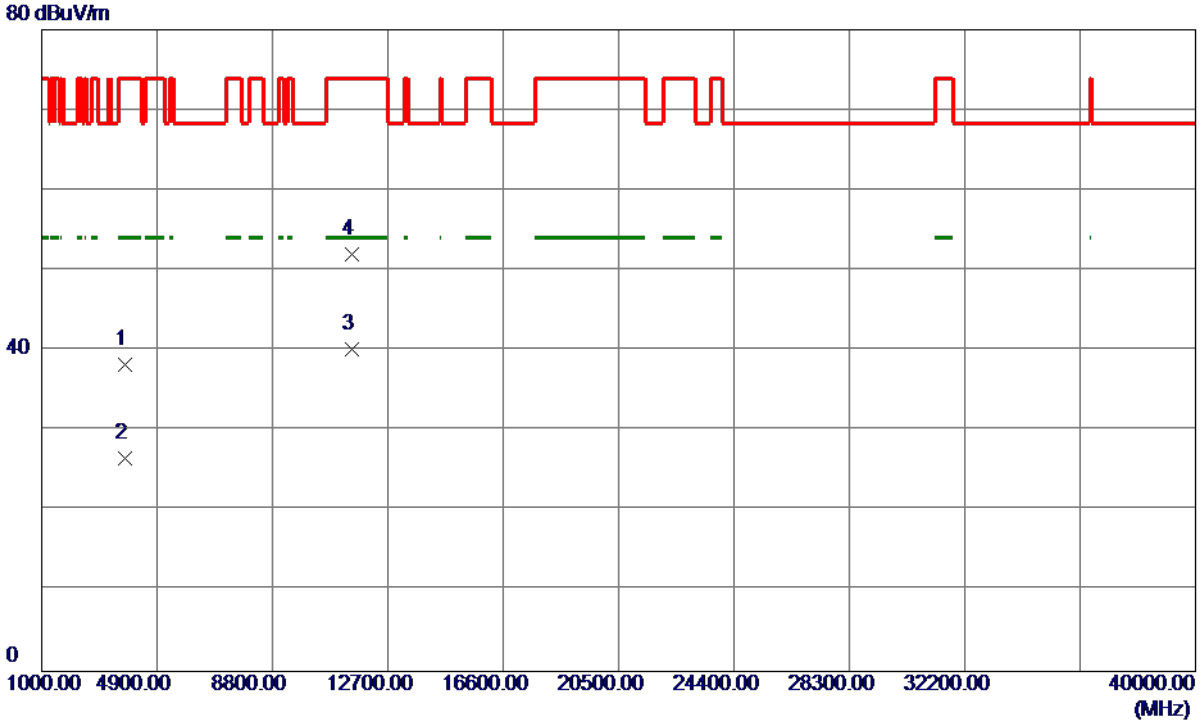


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.52	40.69	62.21	109.40	-47.19	Peak	
2	5725.0000	25.49	40.72	66.21	122.20	-55.99	Peak	
3 *	5752.4000	59.81	40.78	100.59	122.20	-21.61	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5745 MHz

Horizontal

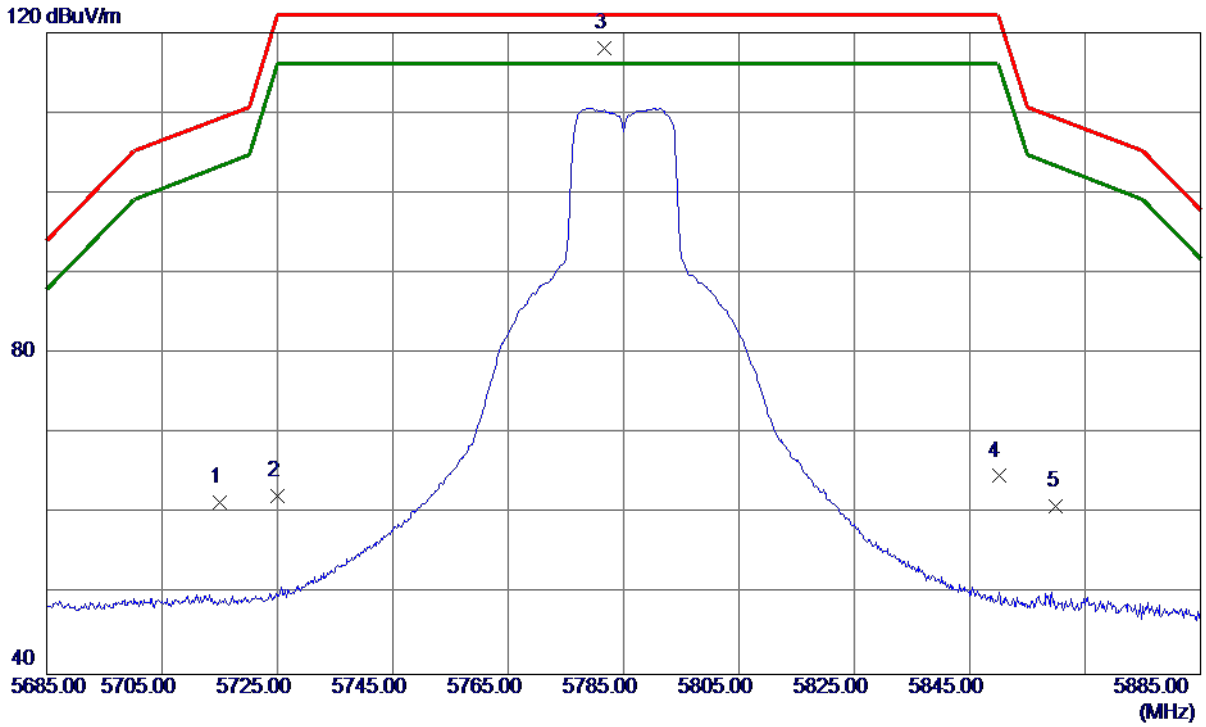


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3810.3500	50.72	-12.45	38.27	74.00	-35.73	Peak	
2	3810.7000	39.02	-12.45	26.57	54.00	-27.43	AVG	
3 *	11490.4000	36.29	3.85	40.14	54.00	-13.86	AVG	
4	11493.1000	48.10	3.84	51.94	74.00	-22.06	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5785 MHz

Vertical

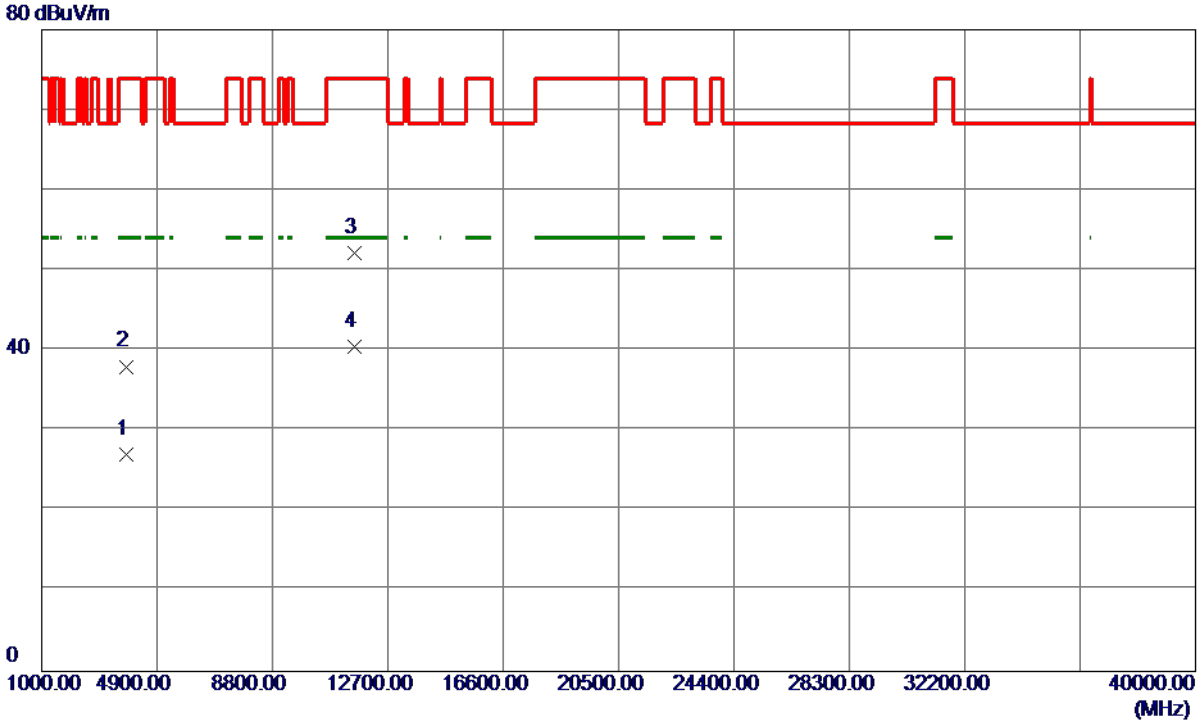


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.79	40.69	61.48	109.40	-47.92	Peak	
2	5725.0000	21.53	40.72	62.25	122.20	-59.95	Peak	
3 *	5781.6000	77.26	40.85	118.11	122.20	-4.09	Peak	
4	5850.0000	23.71	41.01	64.72	122.20	-57.48	Peak	
5	5860.0000	19.95	41.03	60.98	109.40	-48.42	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5785 MHz

Vertical

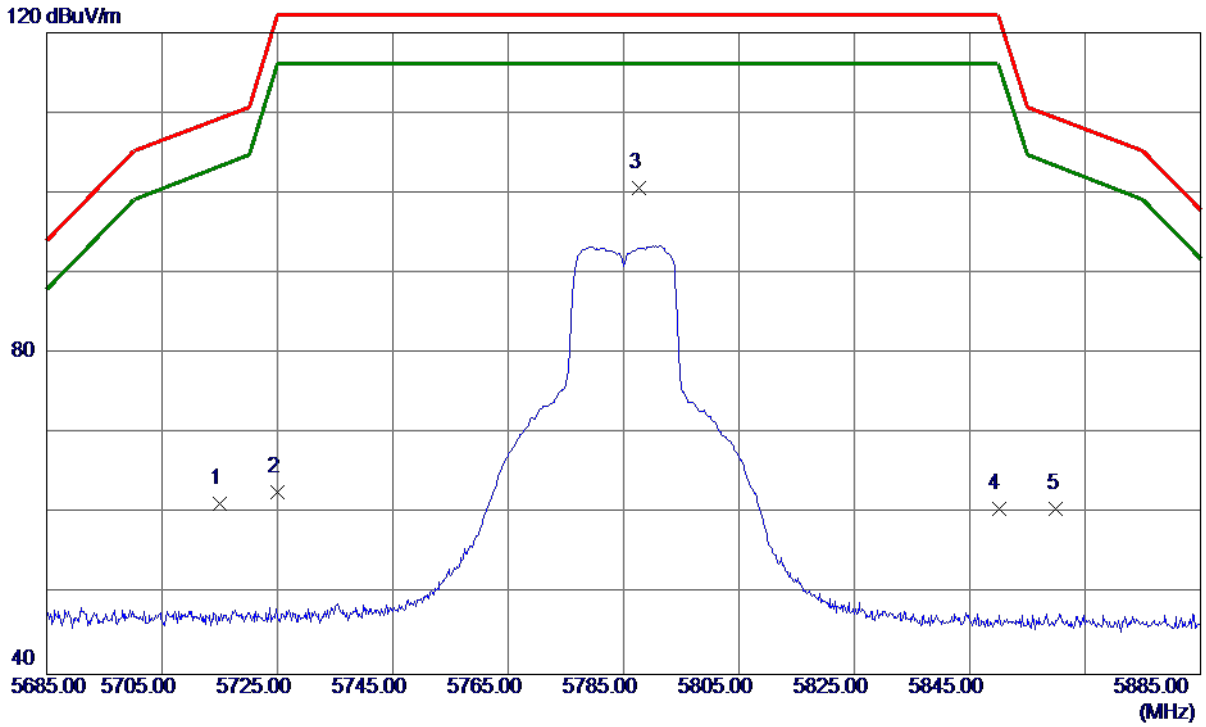


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3875.1670	39.37	-12.26	27.11	54.00	-26.89	AVG	
2	3880.1670	50.24	-12.24	38.00	74.00	-36.00	Peak	
3	11569.3500	48.33	3.80	52.13	74.00	-21.87	Peak	
4 *	11573.0000	36.64	3.80	40.44	54.00	-13.56	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5785 MHz

Horizontal

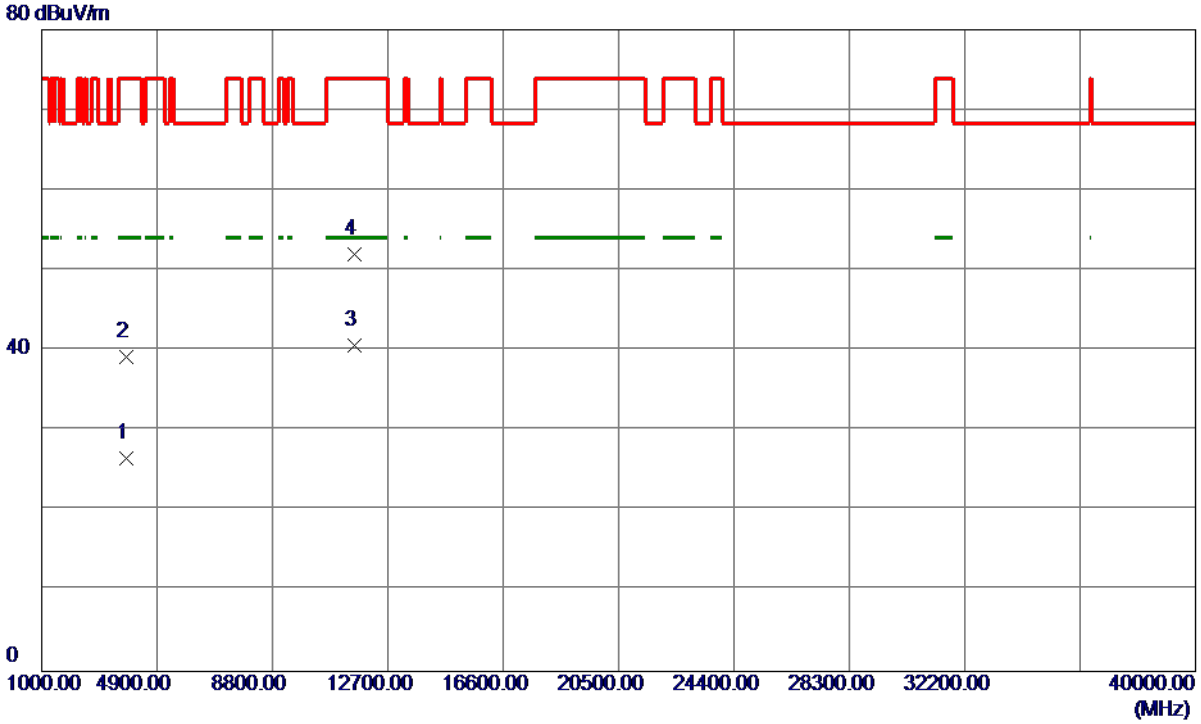


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.65	40.69	61.34	109.40	-48.06	Peak	
2	5725.0000	22.06	40.72	62.78	122.20	-59.42	Peak	
3 *	5787.7000	59.83	40.86	100.69	122.20	-21.51	Peak	
4	5850.0000	19.65	41.01	60.66	122.20	-61.54	Peak	
5	5860.0000	19.65	41.03	60.68	109.40	-48.72	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5785 MHz

Horizontal

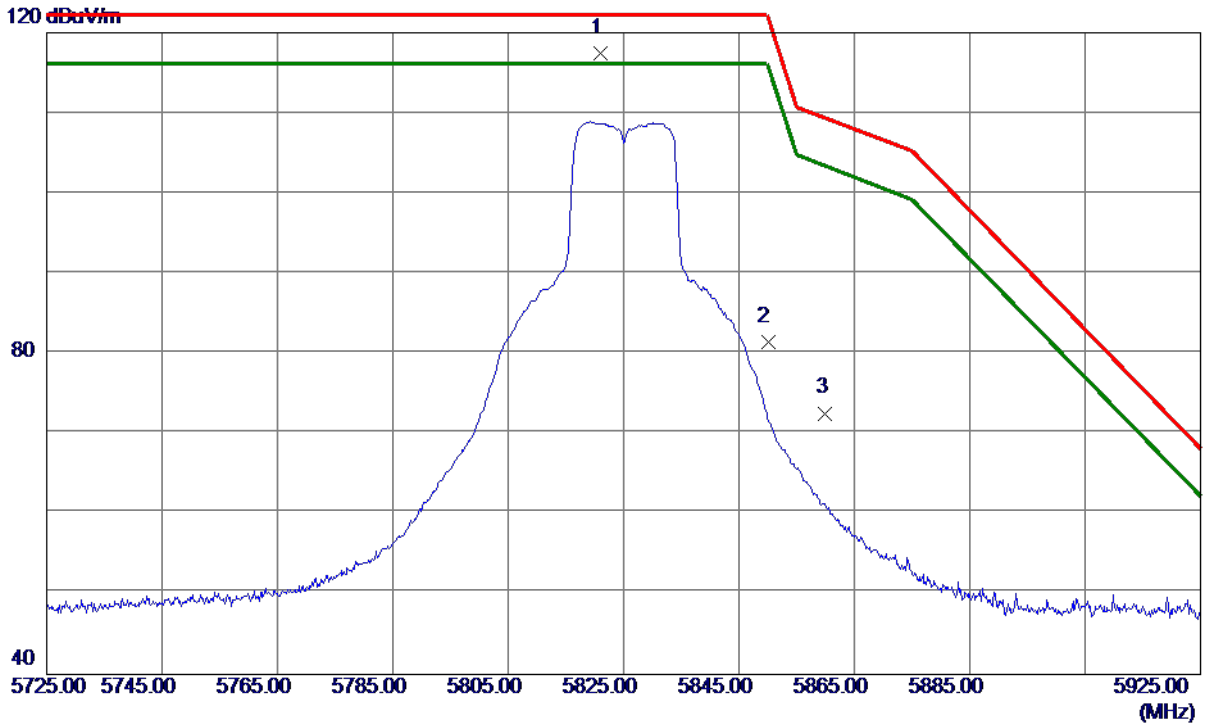


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3845.3670	38.97	-12.35	26.62	54.00	-27.38	AVG	
2	3869.5670	51.48	-12.28	39.20	74.00	-34.80	Peak	
3 *	11572.2500	36.80	3.80	40.60	54.00	-13.40	AVG	
4	11580.7500	48.15	3.80	51.95	74.00	-22.05	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5825 MHz

Vertical

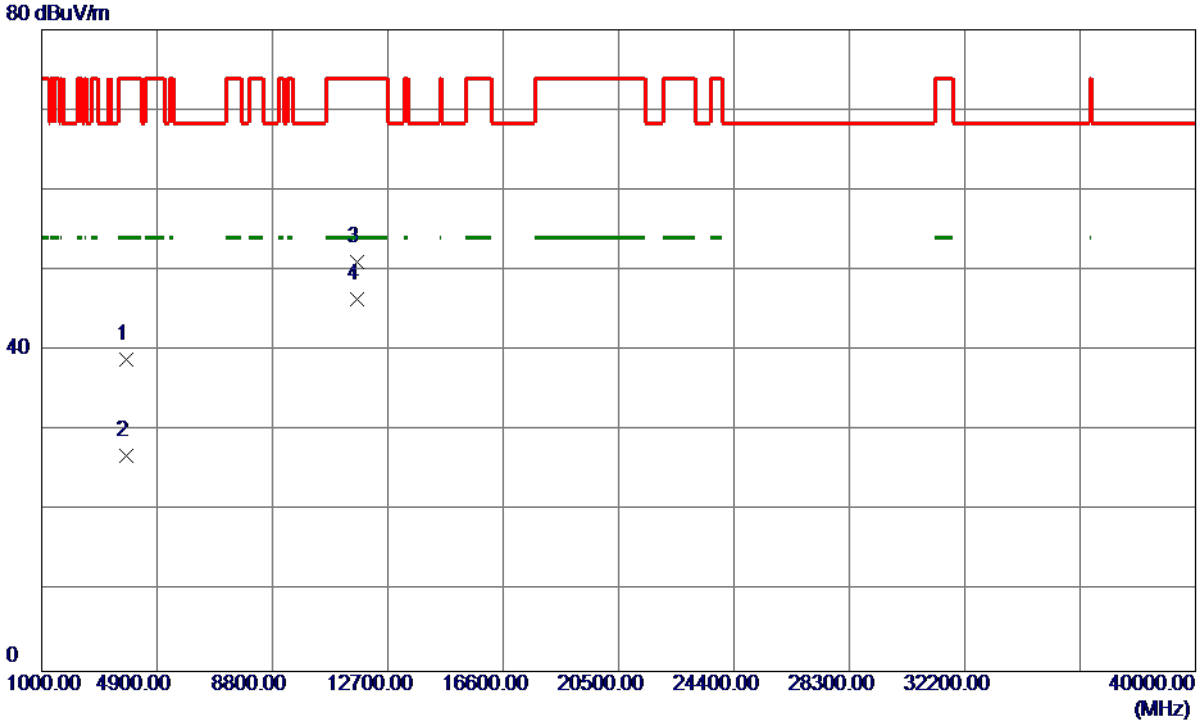


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5821.1000	76.54	40.94	117.48	122.20	-4.72	Peak	
2	5850.0000	40.36	41.01	81.37	122.20	-40.83	Peak	
3	5860.0000	31.53	41.03	72.56	109.40	-36.84	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5825 MHz

Vertical

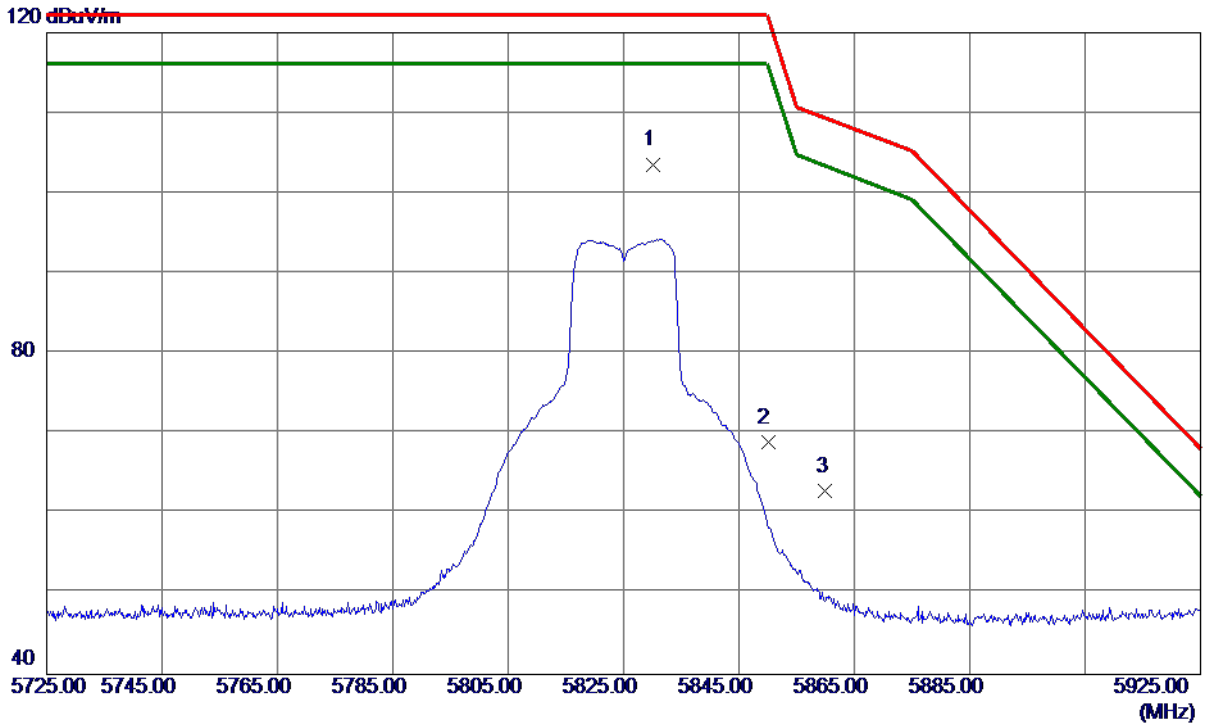


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3869.9000	51.17	-12.28	38.89	74.00	-35.11	Peak	
2	3879.6000	39.07	-12.25	26.82	54.00	-27.18	AVG	
3	11648.8500	47.31	3.77	51.08	74.00	-22.92	Peak	
4 *	11649.8000	42.64	3.77	46.41	54.00	-7.59	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5825 MHz

Horizontal

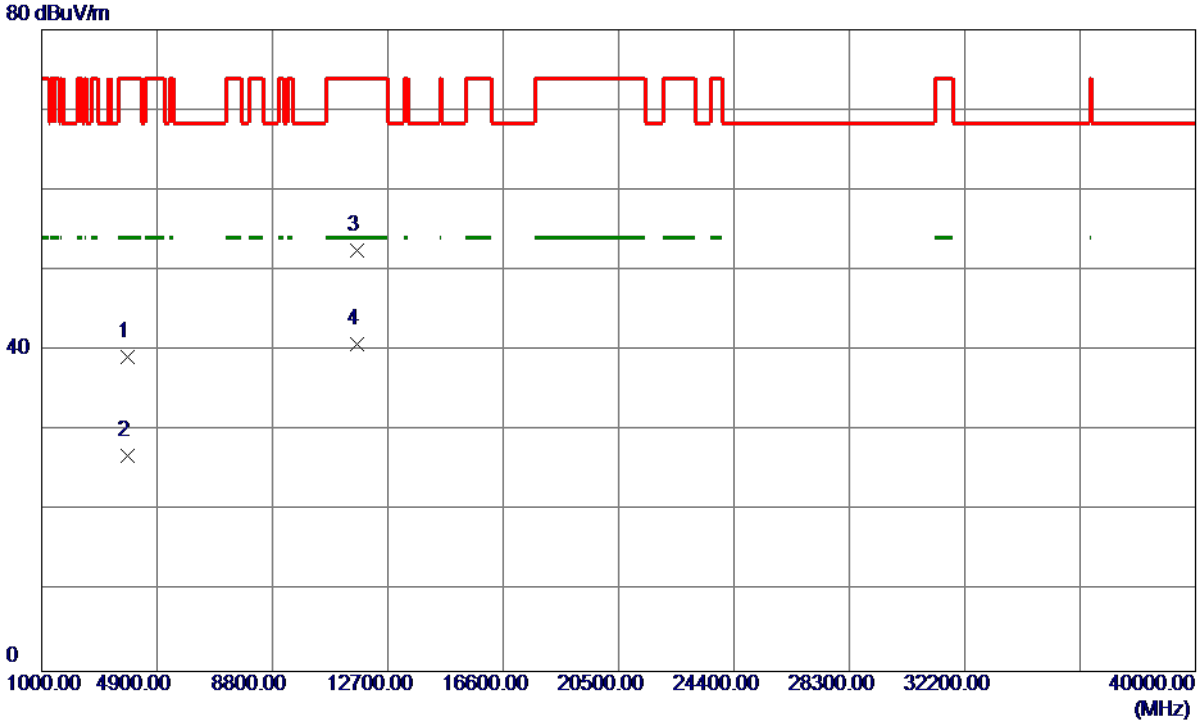


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5830.1000	62.50	40.96	103.46	122.20	-18.74	Peak	
2	5850.0000	27.87	41.01	68.88	122.20	-53.32	Peak	
3	5860.0000	21.77	41.03	62.80	109.40	-46.60	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT20) Mode 5825 MHz

Horizontal

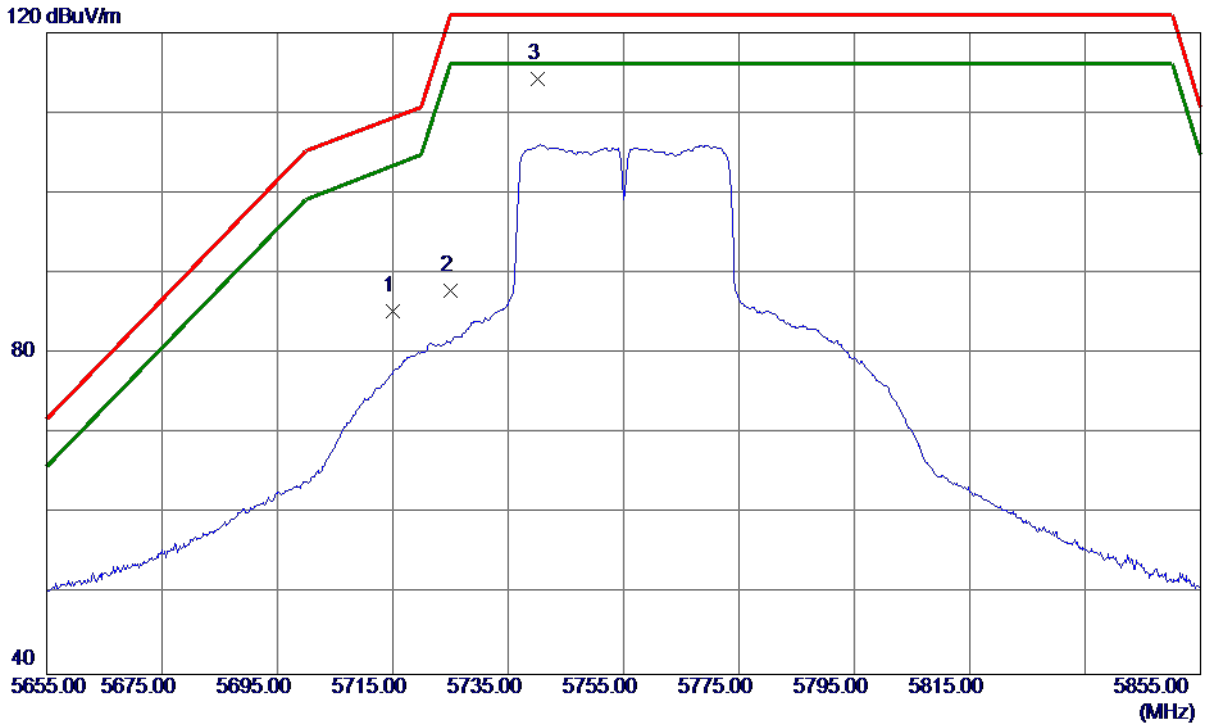


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3890.5000	51.40	-12.21	39.19	74.00	-34.81	Peak	
2	3901.9500	38.99	-12.18	26.81	54.00	-27.19	AVG	
3	11648.6000	48.67	3.77	52.44	74.00	-21.56	Peak	
4 *	11650.4000	37.09	3.77	40.86	54.00	-13.14	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5755 MHz

Vertical

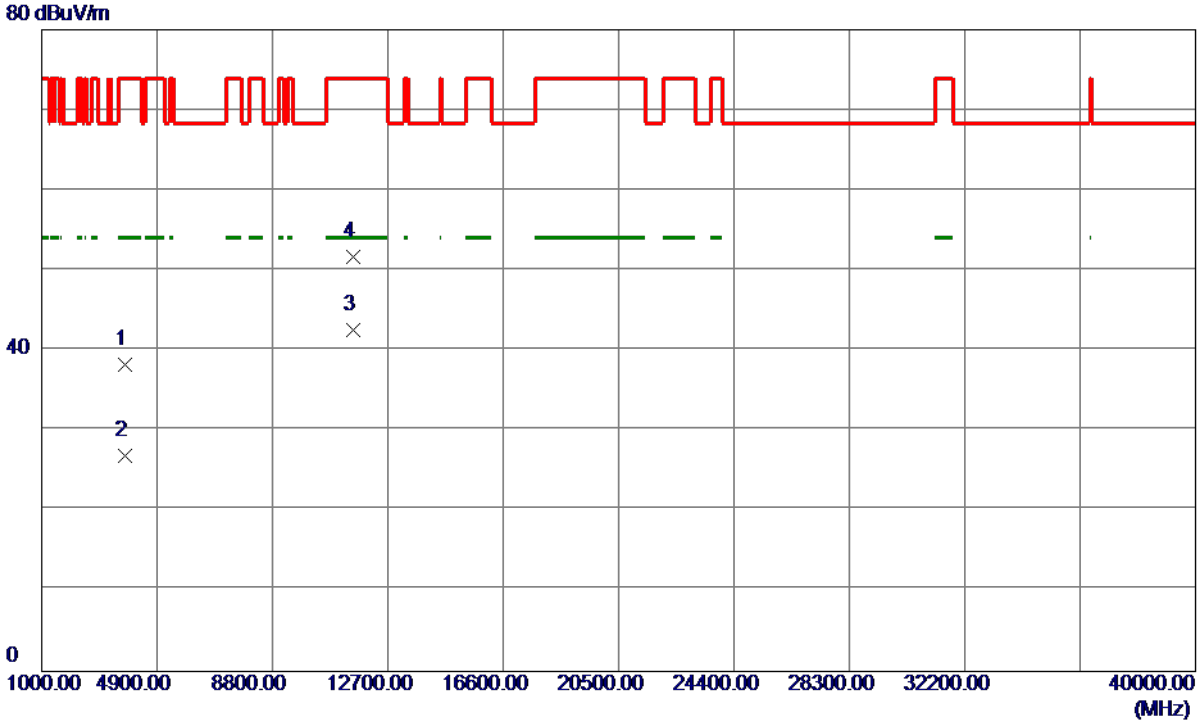


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	44.65	40.69	85.34	109.40	-24.06	Peak	
2	5725.0000	47.16	40.72	87.88	122.20	-34.32	Peak	
3 *	5740.2000	73.56	40.75	114.31	122.20	-7.89	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5755 MHz

Vertical

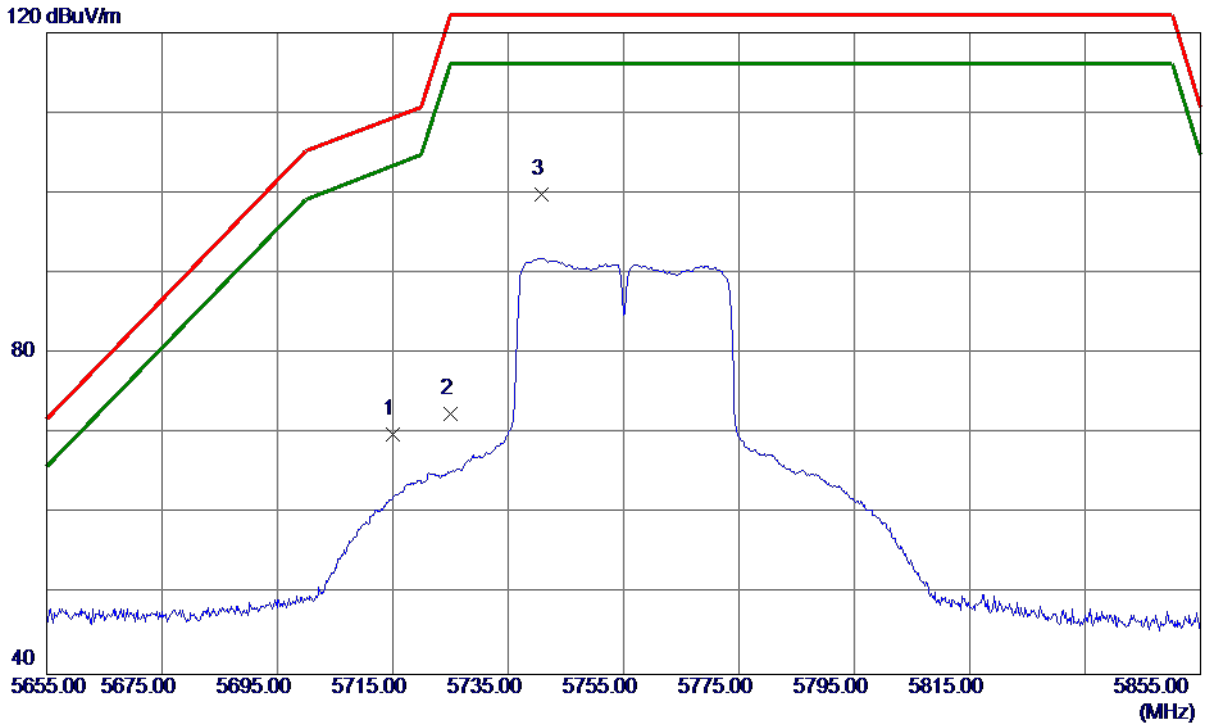


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3812.1500	50.66	-12.45	38.21	74.00	-35.79	Peak	
2	3829.7000	39.20	-12.39	26.81	54.00	-27.19	AVG	
3 *	11508.5000	38.71	3.83	42.54	54.00	-11.46	AVG	
4	11510.9000	47.80	3.83	51.63	74.00	-22.37	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5755 MHz

Horizontal

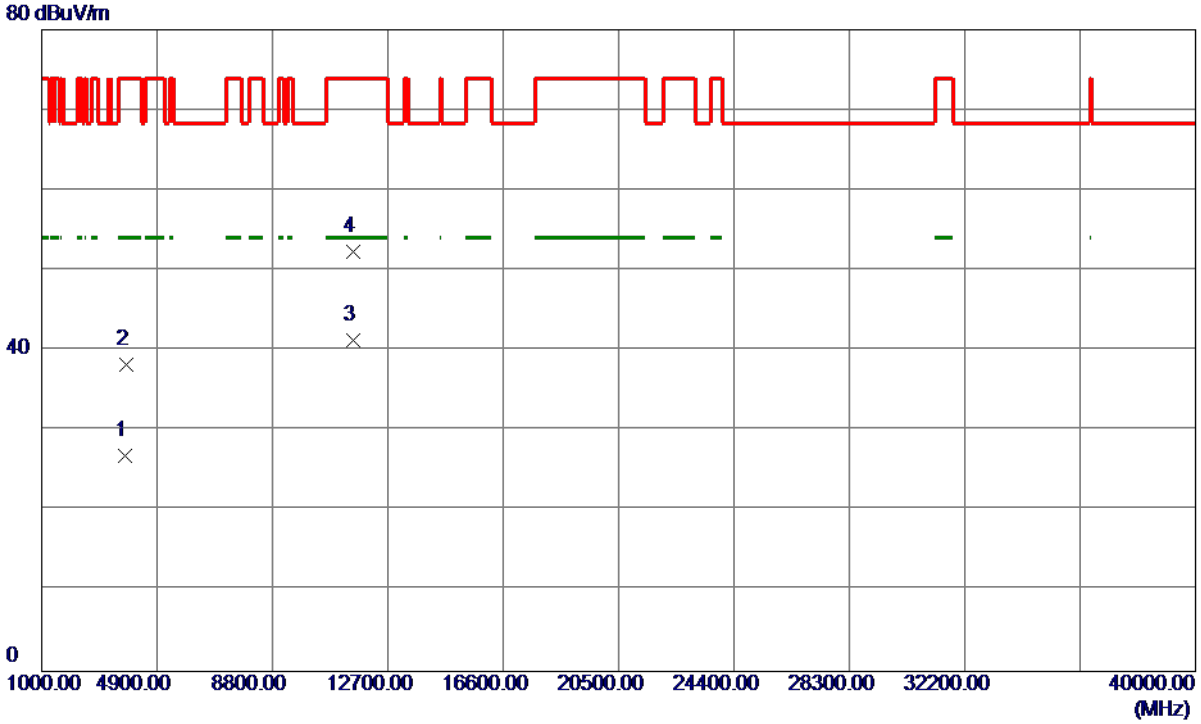


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	29.29	40.69	69.98	109.40	-39.42	Peak	
2	5725.0000	31.72	40.72	72.44	122.20	-49.76	Peak	
3 *	5740.7000	59.09	40.75	99.84	122.20	-22.36	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5755 MHz

Horizontal

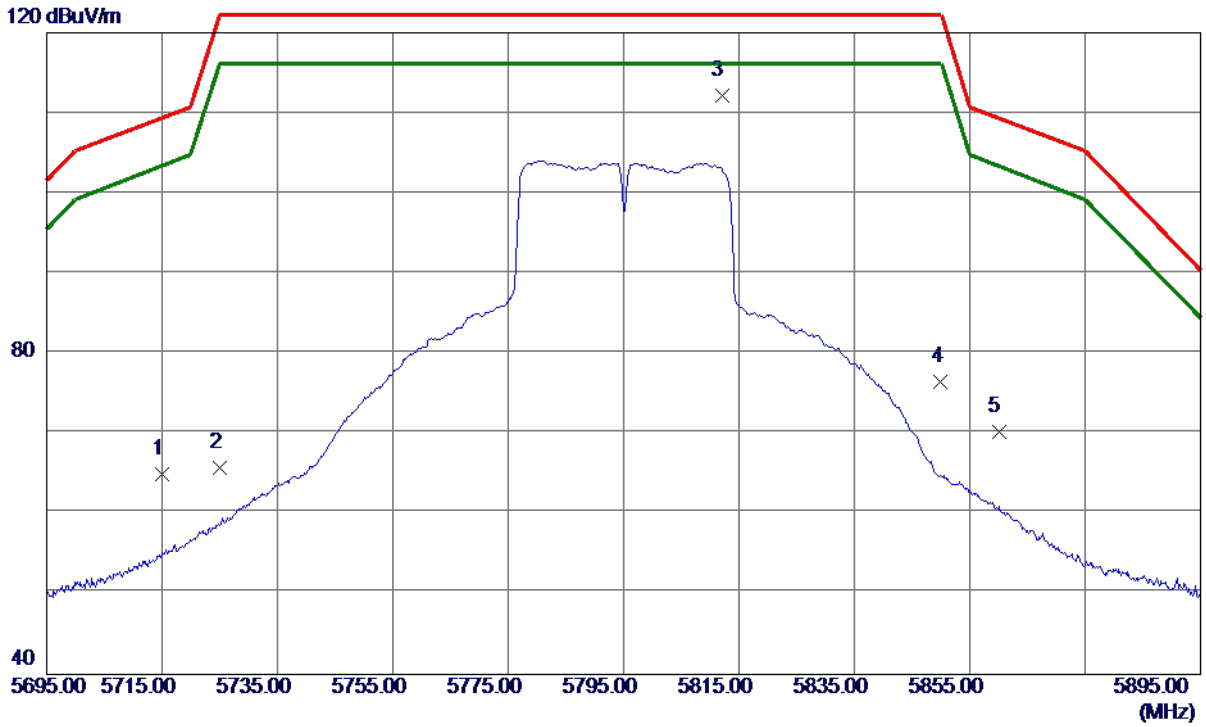


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3820.7000	39.31	-12.42	26.89	54.00	-27.11	AVG	
2	3859.0500	50.60	-12.31	38.29	74.00	-35.71	Peak	
3 *	11512.0000	37.53	3.82	41.35	54.00	-12.65	AVG	
4	11514.8500	48.49	3.82	52.31	74.00	-21.69	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

Vertical

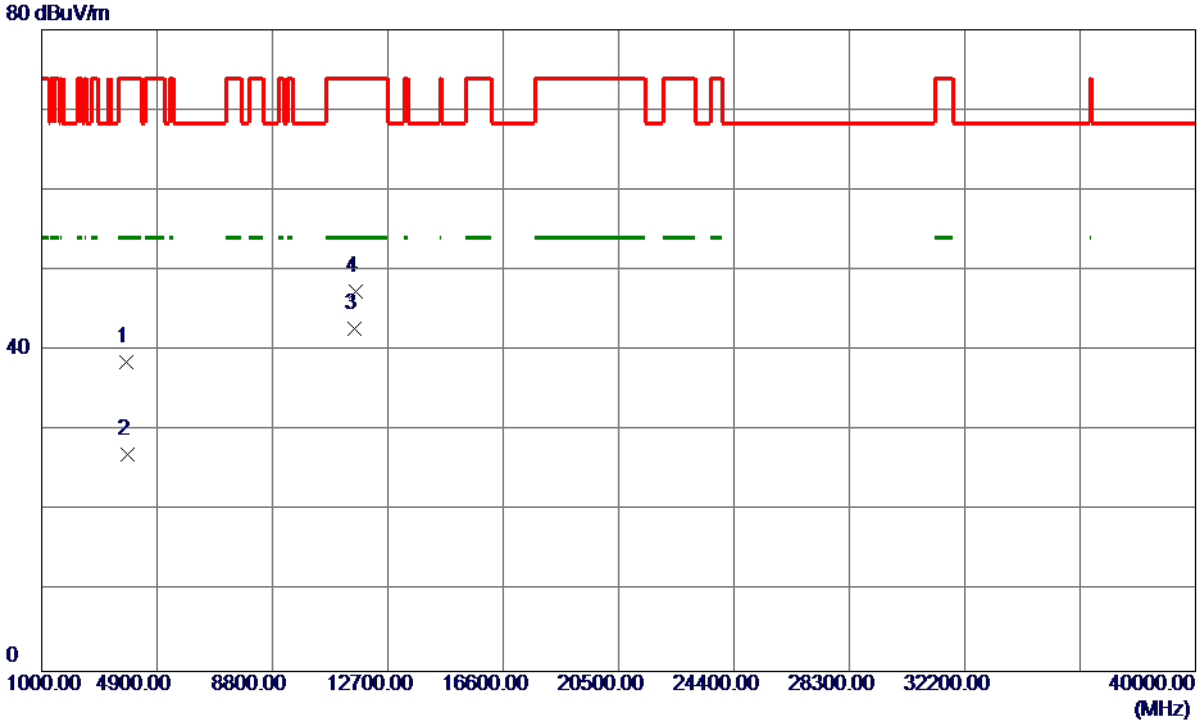


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.26	40.69	64.95	109.40	-44.45	Peak	
2	5725.0000	24.96	40.72	65.68	122.20	-56.52	Peak	
3 *	5812.0000	71.32	40.92	112.24	122.20	-9.96	Peak	
4	5850.0000	35.51	41.01	76.52	122.20	-45.68	Peak	
5	5860.0000	29.27	41.03	70.30	109.40	-39.10	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

Vertical

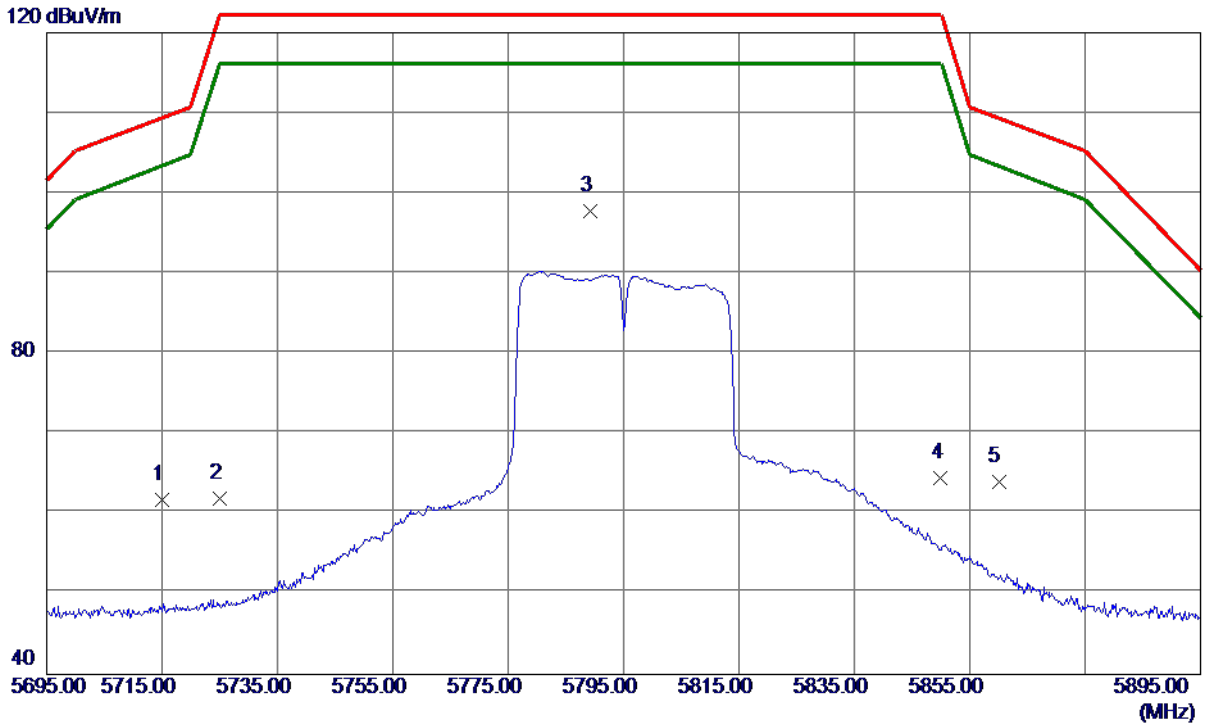


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3846.8330	50.88	-12.34	38.54	74.00	-35.46	Peak	
2	3883.2330	39.29	-12.24	27.05	54.00	-26.95	AVG	
3 *	11592.7500	38.87	3.79	42.66	54.00	-11.34	AVG	
4	11597.0000	43.61	3.79	47.40	74.00	-26.60	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

Horizontal

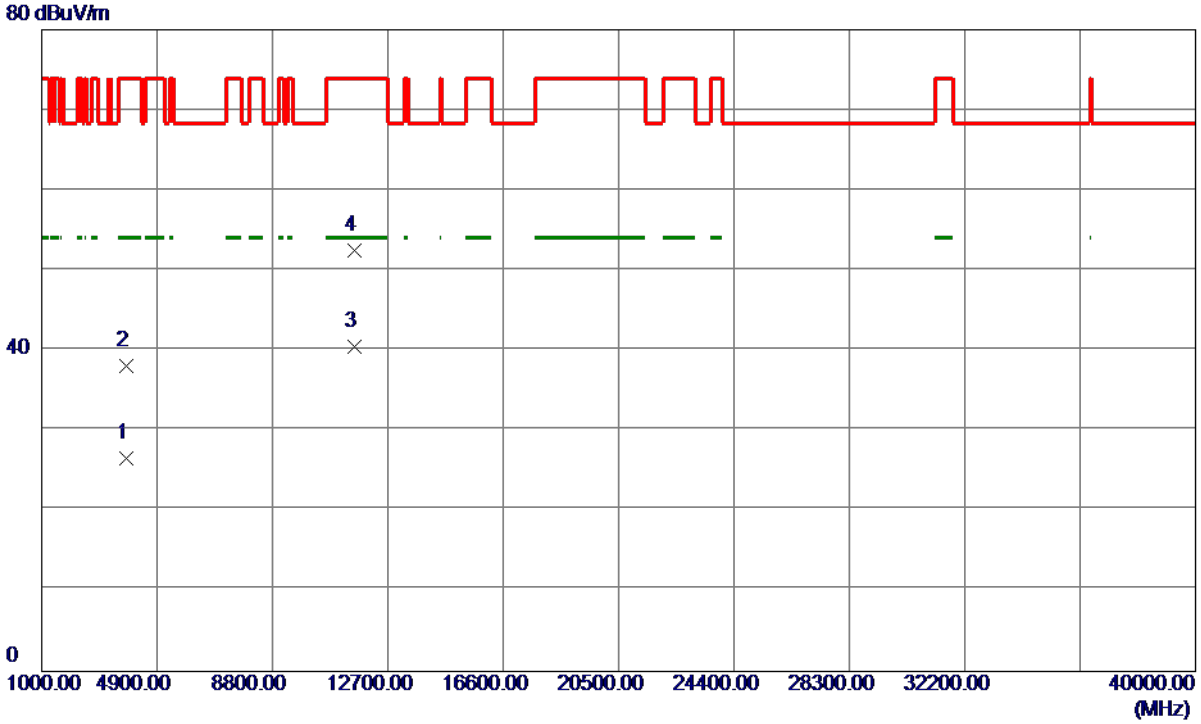


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.08	40.69	61.77	109.40	-47.63	Peak	
2	5725.0000	21.25	40.72	61.97	122.20	-60.23	Peak	
3 *	5789.3000	56.97	40.87	97.84	122.20	-24.36	Peak	
4	5850.0000	23.40	41.01	64.41	122.20	-57.79	Peak	
5	5860.0000	22.95	41.03	63.98	109.40	-45.42	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT40) Mode 5795 MHz

Horizontal

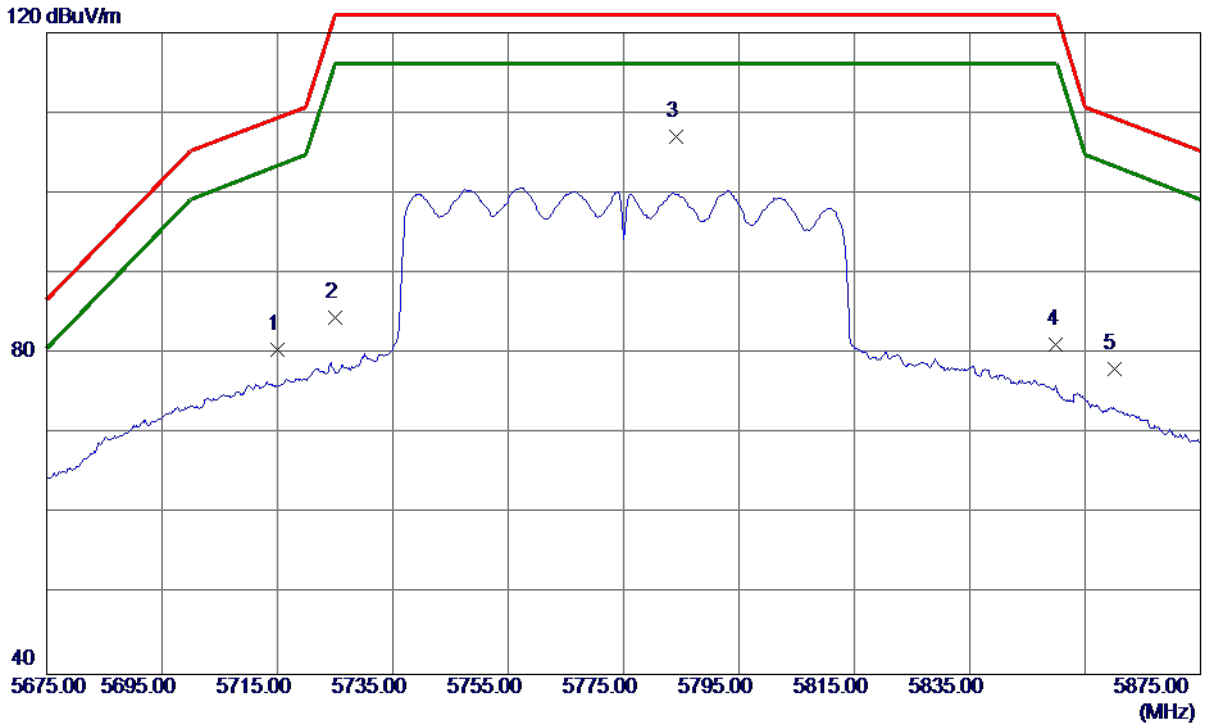


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3847.6330	38.94	-12.34	26.60	54.00	-27.40	AVG	
2	3880.4330	50.37	-12.24	38.13	74.00	-35.87	Peak	
3 *	11588.1000	36.65	3.79	40.44	54.00	-13.56	AVG	
4	11593.5500	48.73	3.79	52.52	74.00	-21.48	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

Vertical

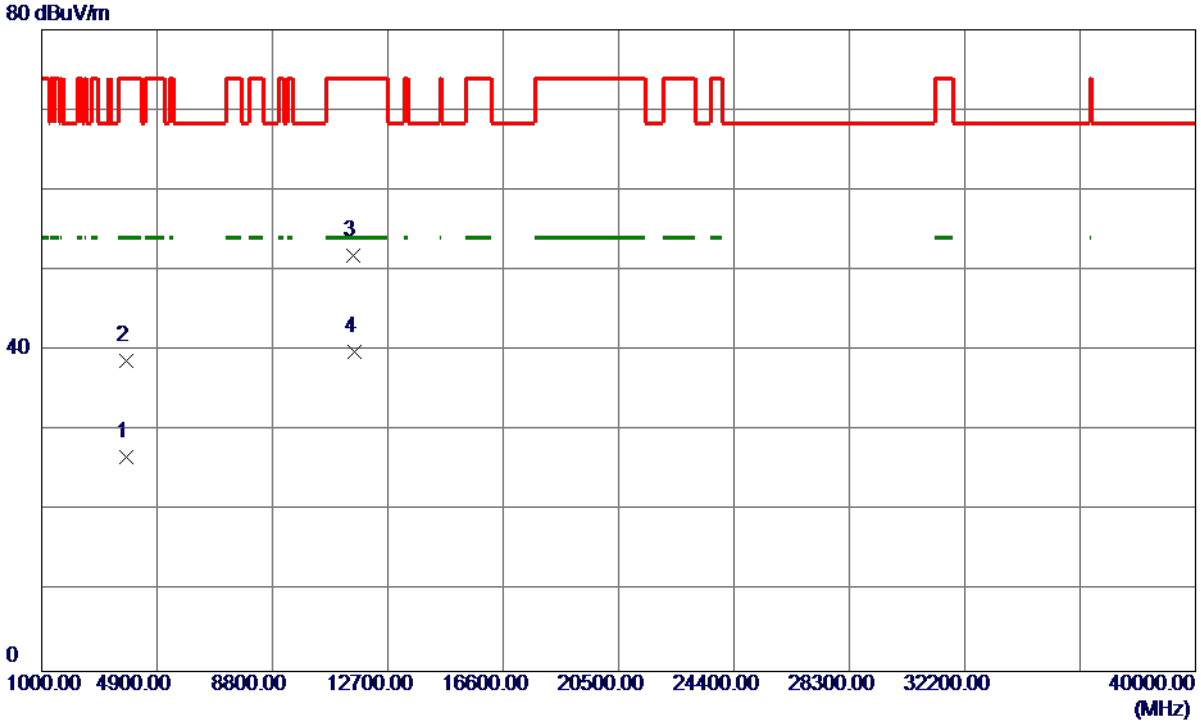


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	39.81	40.69	80.50	109.40	-28.90	Peak	
2	5725.0000	43.70	40.72	84.42	122.20	-37.78	Peak	
3 *	5784.2000	66.14	40.85	106.99	122.20	-15.21	Peak	
4	5850.0000	40.07	41.01	81.08	122.20	-41.12	Peak	
5	5860.0000	37.00	41.03	78.03	109.40	-31.37	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

Vertical

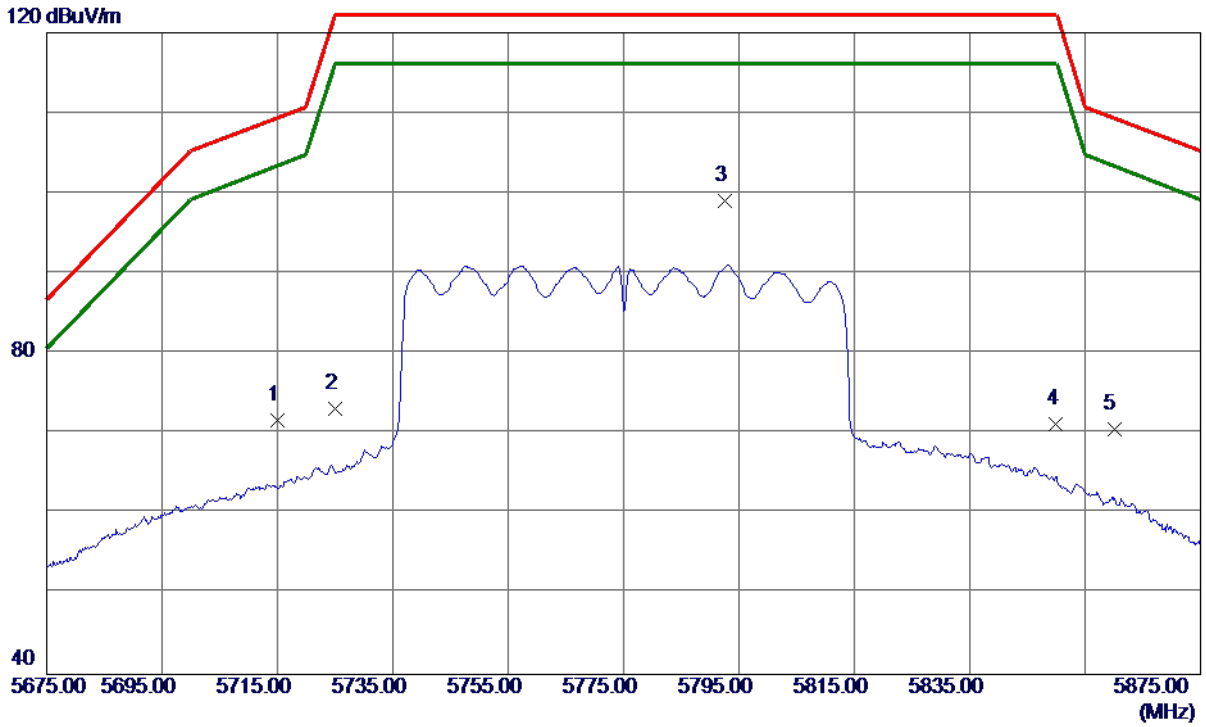


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3849.3500	39.04	-12.34	26.70	54.00	-27.30	AVG	
2	3853.8500	51.05	-12.32	38.73	74.00	-35.27	Peak	
3	11546.5500	48.07	3.81	51.88	74.00	-22.12	Peak	
4 *	11556.9500	36.10	3.81	39.91	54.00	-14.09	AVG	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

Horizontal

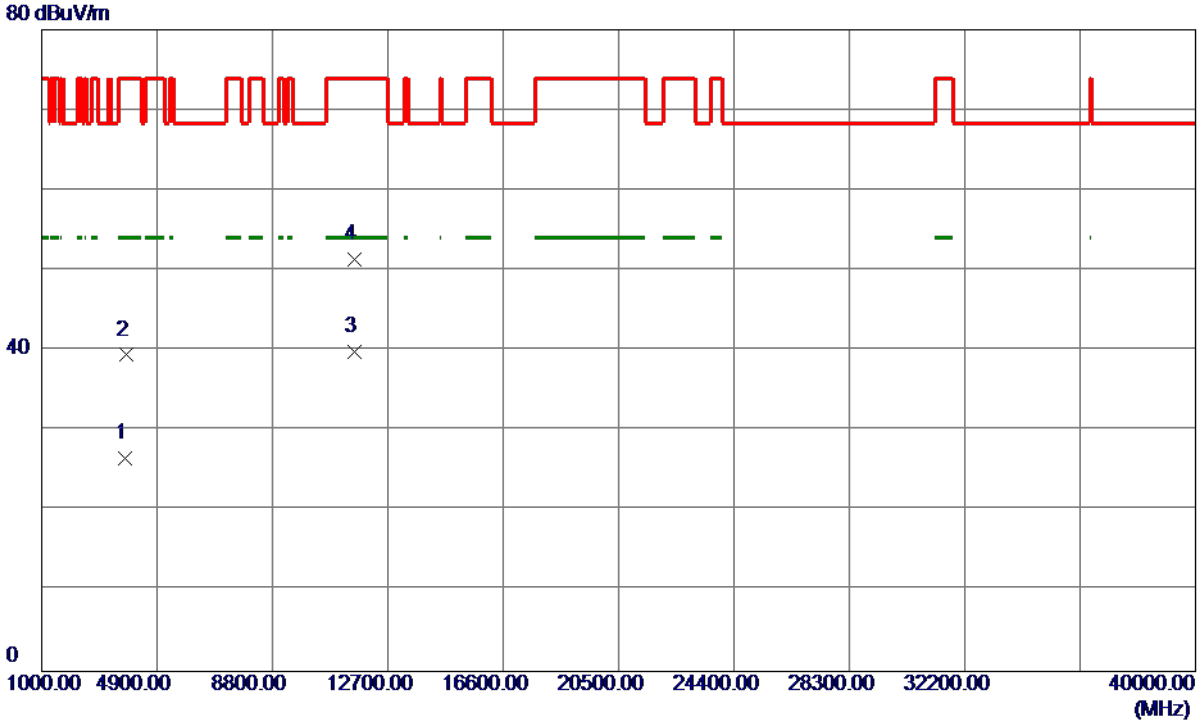


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	30.92	40.69	71.61	109.40	-37.79	Peak	
2	5725.0000	32.34	40.72	73.06	122.20	-49.14	Peak	
3 *	5792.5000	58.18	40.87	99.05	122.20	-23.15	Peak	
4	5850.0000	30.15	41.01	71.16	122.20	-51.04	Peak	
5	5860.0000	29.53	41.03	70.56	109.40	-38.84	Peak	

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

Orthogonal Axis	X
Test Mode	UNII-3_TX AC (VHT80) Mode 5775 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3832.0000	39.00	-12.39	26.61	54.00	-27.39	AVG	
2	3872.2500	51.71	-12.27	39.44	74.00	-34.56	Peak	
3 *	11556.4500	36.04	3.81	39.85	54.00	-14.15	AVG	
4	11562.7000	47.58	3.80	51.38	74.00	-22.62	Peak	

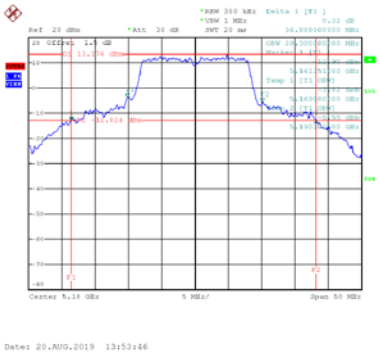
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

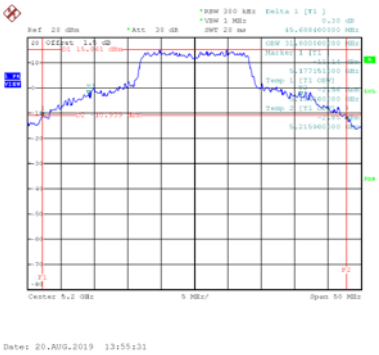
Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	36.89	20.30
40	5200	45.69	31.80
48	5240	35.79	19.40

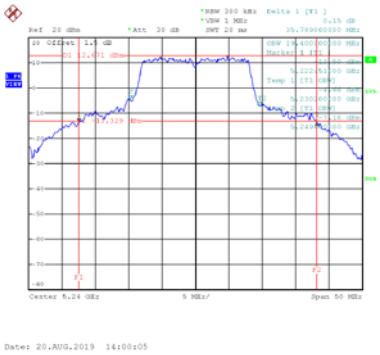
CH36



CH40



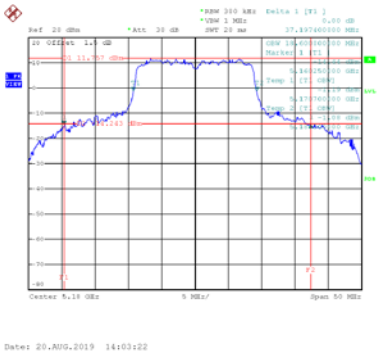
CH48



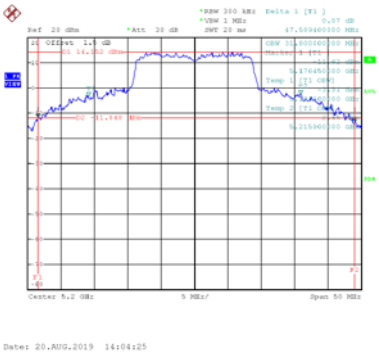
Test Mode	UNII-1_TX N (HT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	37.20	18.60
40	5200	47.59	31.80
48	5240	37.49	18.50

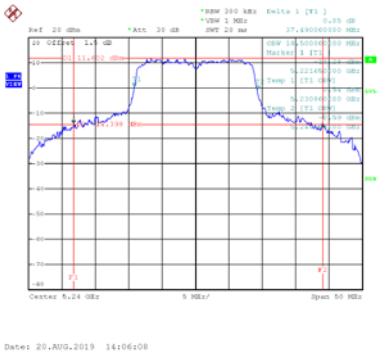
CH36



CH40



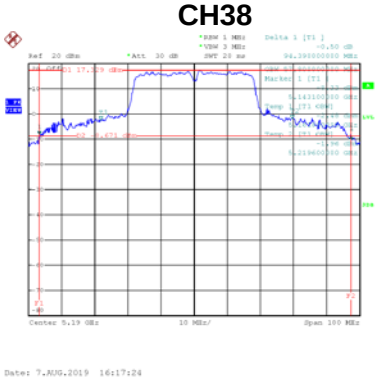
CH48



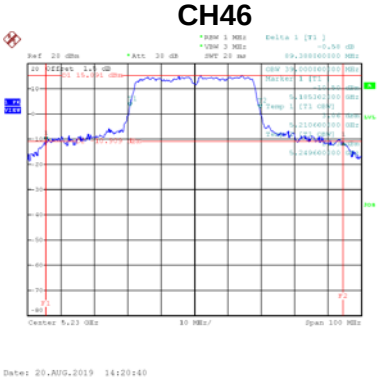
Test Mode	UNII-1_TX N (HT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	94.39	57.80
46	5230	89.39	39.00

CH38



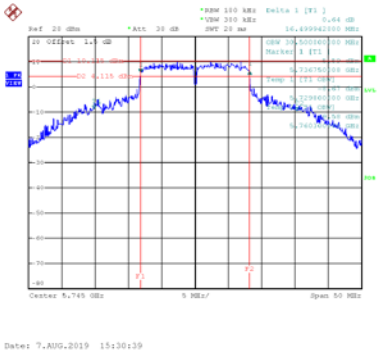
CH46



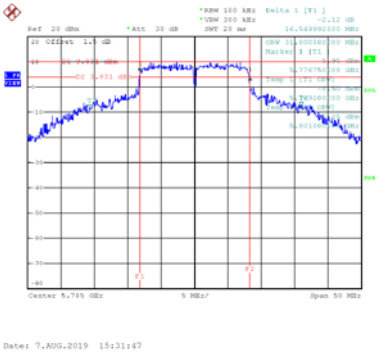
Test Mode	UNII-3_TX A Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.50	500	Complies
157	5785	16.55	500	Complies
165	5825	16.55	500	Complies

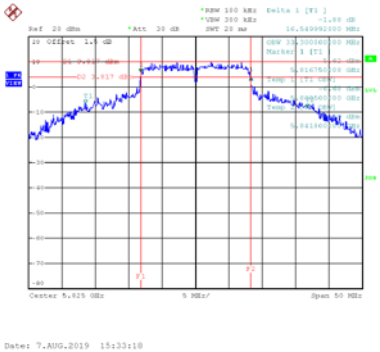
CH149



CH157

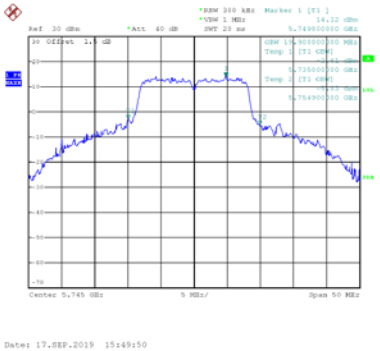


CH165

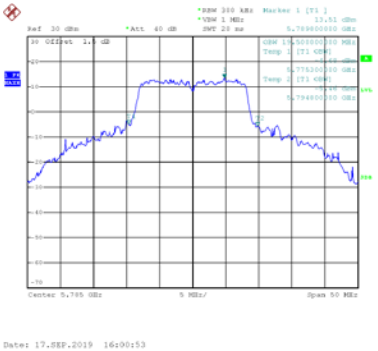


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
149	5745	19.90	Complies
157	5785	19.50	Complies
165	5825	19.10	Complies

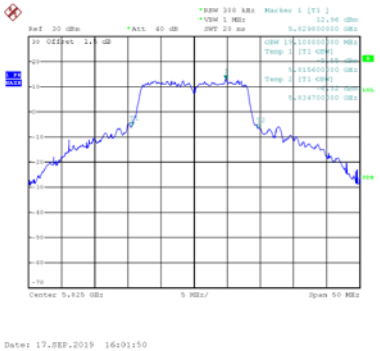
CH149



CH157



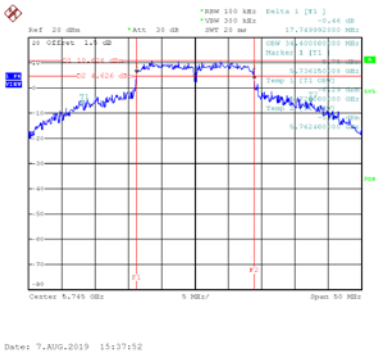
CH165



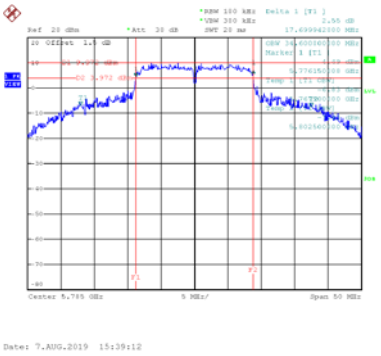
Test Mode	UNII-3_TX N (HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.75	500	Complies
157	5785	17.70	500	Complies
165	5825	17.76	500	Complies

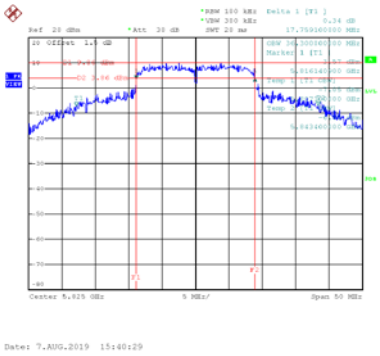
CH149



CH157

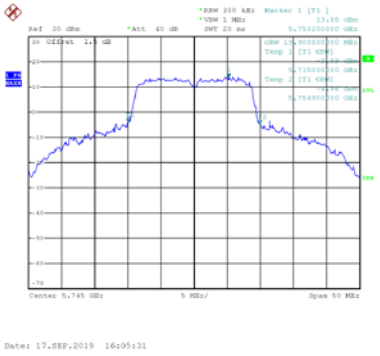


CH165

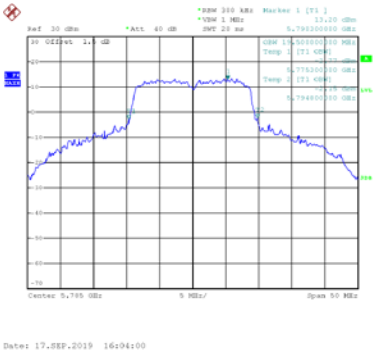


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
149	5745	19.90	Complies
157	5785	19.50	Complies
165	5825	19.20	Complies

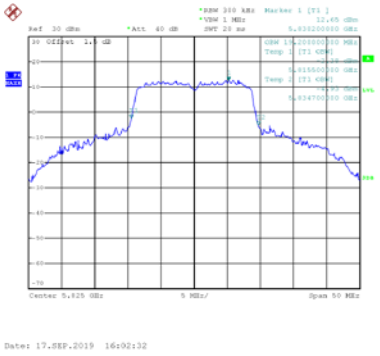
CH149



CH157



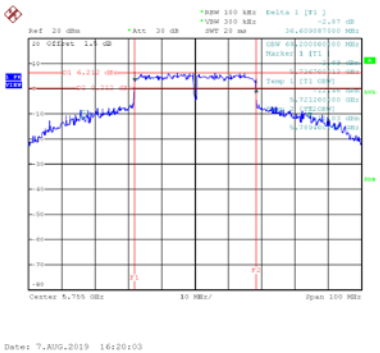
CH165



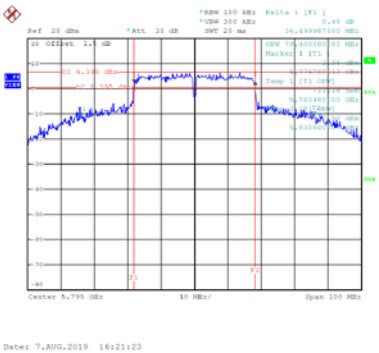
Test Mode	UNII-3_TX N (HT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	36.61	500	Complies
159	5795	36.50	500	Complies

CH151

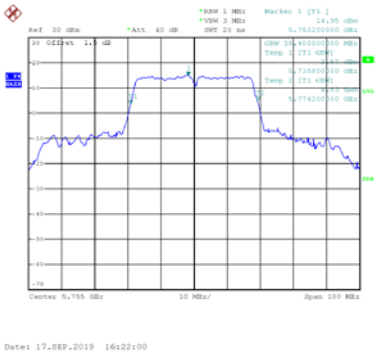


CH159

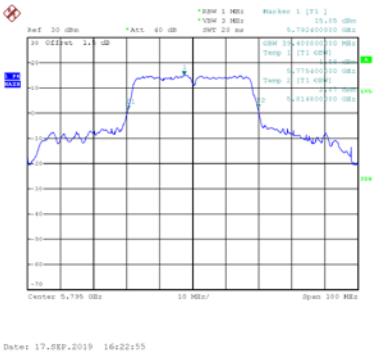


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
151	5755	38.40	Complies
159	5795	39.40	Complies

CH151



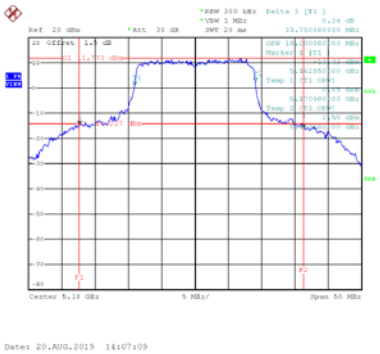
CH159



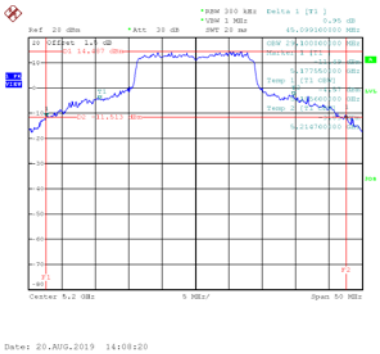
Test Mode	UNII-1_TX AC (VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	33.75	18.20
40	5200	45.10	29.10
48	5240	36.20	18.50

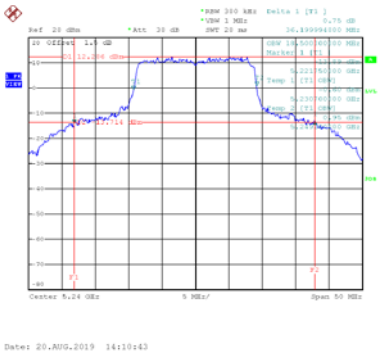
CH36



CH40



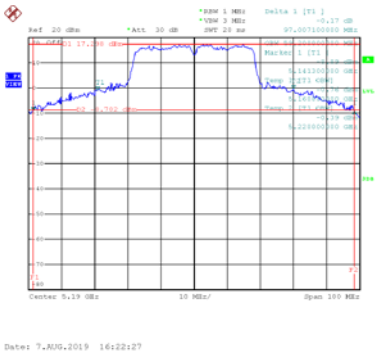
CH48



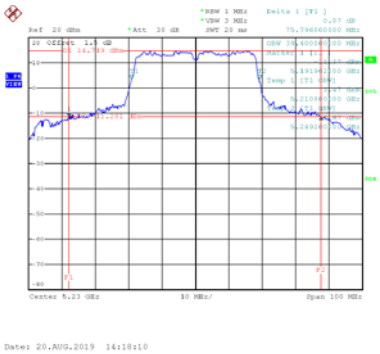
Test Mode	UNII-1_TX AC (VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	97.01	59.20
46	5230	75.80	38.40

CH38



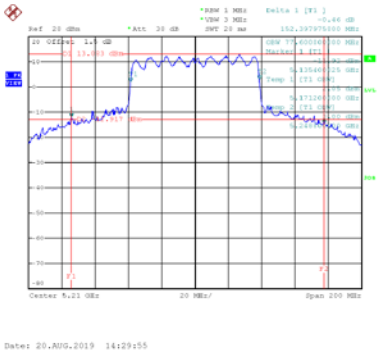
CH46



Test Mode	UNII-1_TX AC (VHT80)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
42	5210	152.40	77.60

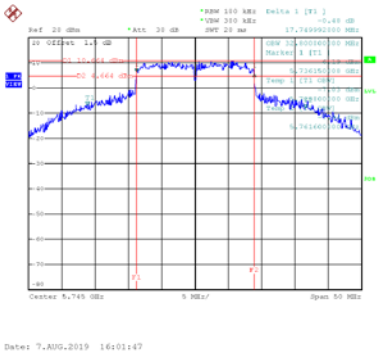
CH42



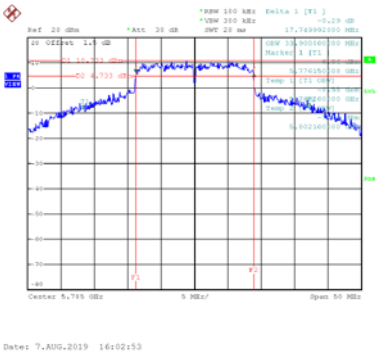
Test Mode	UNII-3_TX AC (VHT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.75	500	Complies
157	5785	17.75	500	Complies
165	5825	17.90	500	Complies

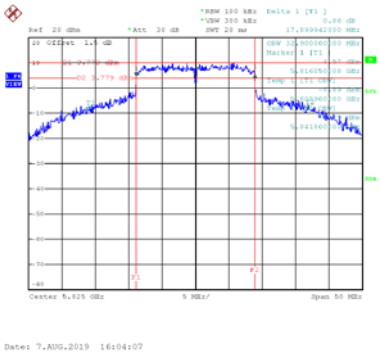
CH149



CH157

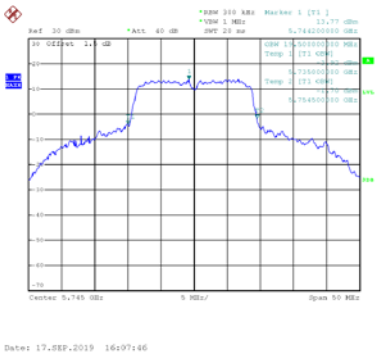


CH165

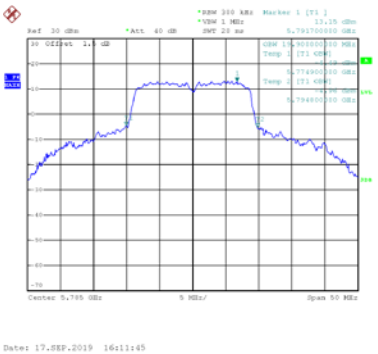


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
149	5745	19.50	Complies
157	5785	19.90	Complies
165	5825	19.50	Complies

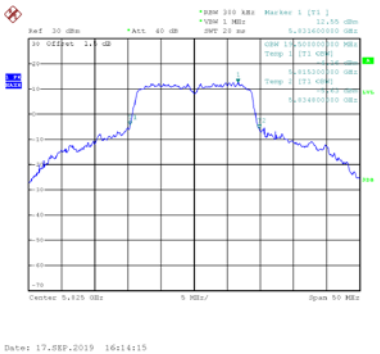
CH149



CH157



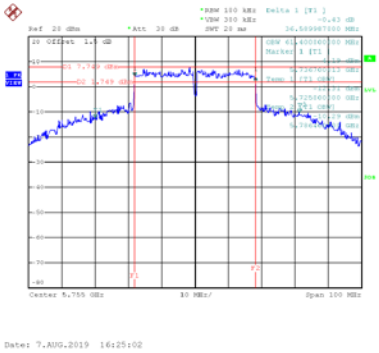
CH165



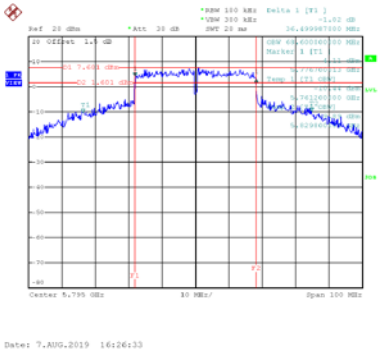
Test Mode	UNII-3_TX AC (VHT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	36.59	500	Complies
159	5795	36.50	500	Complies

CH151



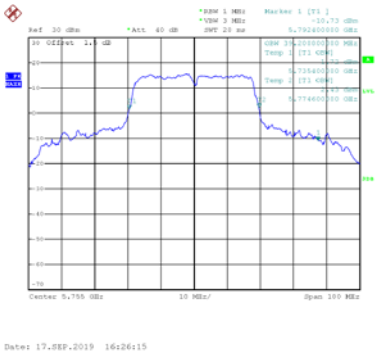
CH159



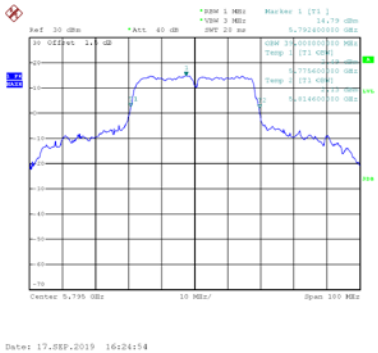
Test Mode	UNII-3_TX AC (VHT40) Mode

Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
151	5755	39.20	Complies
159	5795	39.00	Complies

CH151



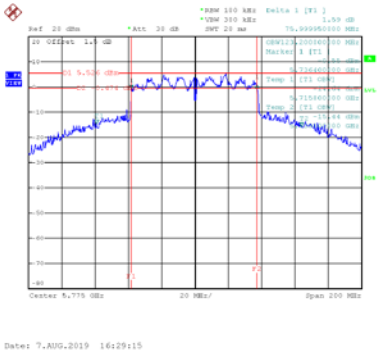
CH159



Test Mode	UNII-3_TX AC (VHT80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	76.00	500	Complies

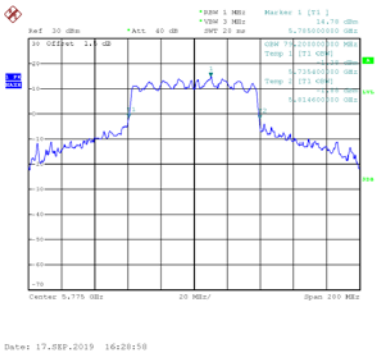
CH155



Test Mode	UNII-3_TX AC (VHT80)

Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
155	5775	79.20	Complies

CH155



APPENDIX F - CONDUCTED OUTPUT POWER

Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	22.57	0.00	22.57	30.00	1.00	Complies
40	5200	25.18	0.00	25.18	30.00	1.00	Complies
48	5240	22.43	0.00	22.43	30.00	1.00	Complies

Test Mode	UNII-3_TX A Mode

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.42	0.00	24.42	30.00	1.00	Complies
157	5785	24.11	0.00	24.11	30.00	1.00	Complies
165	5825	24.13	0.00	24.13	30.00	1.00	Complies

Non-Beamforming

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.84	0.00	17.84	30.00	1.00	Complies
40	5200	24.18	0.00	24.18	30.00	1.00	Complies
48	5240	19.89	0.00	19.89	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.93	0.00	19.93	30.00	1.00	Complies
40	5200	23.45	0.00	23.45	30.00	1.00	Complies
48	5240	20.43	0.00	20.43	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	22.02	30.00	1.00	Complies
40	5200	26.84	30.00	1.00	Complies
48	5240	23.18	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.78	0.00	16.78	30.00	1.00	Complies
46	5230	19.53	0.00	19.53	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	17.31	0.00	17.31	30.00	1.00	Complies
46	5230	21.94	0.00	21.94	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	20.06	30.00	1.00	Complies
46	5230	23.91	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	23.07	0.00	23.07	30.00	1.00	Complies
157	5785	23.42	0.00	23.42	30.00	1.00	Complies
165	5825	23.28	0.00	23.28	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	22.25	0.00	22.25	30.00	1.00	Complies
157	5785	22.26	0.00	22.26	30.00	1.00	Complies
165	5825	21.42	0.00	21.42	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.69	30.00	1.00	Complies
157	5785	25.89	30.00	1.00	Complies
165	5825	25.46	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.25	0.00	23.25	30.00	1.00	Complies
159	5795	23.23	0.00	23.23	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	22.04	0.00	22.04	30.00	1.00	Complies
159	5795	22.21	0.00	22.21	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	25.70	30.00	1.00	Complies
159	5795	25.76	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.78	0.00	16.78	30.00	1.00	Complies
40	5200	23.42	0.00	23.42	30.00	1.00	Complies
48	5240	21.34	0.00	21.34	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.28	0.00	20.28	30.00	1.00	Complies
40	5200	22.98	0.00	22.98	30.00	1.00	Complies
48	5240	21.82	0.00	21.82	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.88	30.00	1.00	Complies
40	5200	26.22	30.00	1.00	Complies
48	5240	24.60	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.97	0.00	15.97	30.00	1.00	Complies
46	5230	17.32	0.00	17.32	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	18.48	0.00	18.48	30.00	1.00	Complies
46	5230	15.83	0.00	15.83	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	20.41	30.00	1.00	Complies
46	5230	19.65	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	20.94	0.00	20.94	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	21.14	0.00	21.14	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	24.05	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	23.55	0.00	23.55	30.00	1.00	Complies
157	5785	23.45	0.00	23.45	30.00	1.00	Complies
165	5825	23.56	0.00	23.56	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	22.38	0.00	22.38	30.00	1.00	Complies
157	5785	22.17	0.00	22.17	30.00	1.00	Complies
165	5825	22.35	0.00	22.35	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	26.01	30.00	1.00	Complies
157	5785	25.87	30.00	1.00	Complies
165	5825	26.01	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.14	0.00	23.14	30.00	1.00	Complies
159	5795	23.63	0.00	23.63	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.05	0.00	23.05	30.00	1.00	Complies
159	5795	22.26	0.00	22.26	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	26.11	30.00	1.00	Complies
159	5795	26.01	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	23.26	0.00	23.26	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	22.32	0.00	22.32	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	25.83	30.00	1.00	Complies

Beamforming

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.34	0.00	17.34	30.00	1.00	Complies
40	5200	23.68	0.00	23.68	30.00	1.00	Complies
48	5240	19.39	0.00	19.39	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.43	0.00	19.43	30.00	1.00	Complies
40	5200	22.95	0.00	22.95	30.00	1.00	Complies
48	5240	19.93	0.00	19.93	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.52	30.00	1.00	Complies
40	5200	26.34	30.00	1.00	Complies
48	5240	22.68	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.28	0.00	16.28	30.00	1.00	Complies
46	5230	19.03	0.00	19.03	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.81	0.00	16.81	30.00	1.00	Complies
46	5230	21.44	0.00	21.44	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.56	30.00	1.00	Complies
46	5230	23.41	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	22.57	0.00	22.57	30.00	1.00	Complies
157	5785	22.92	0.00	22.92	30.00	1.00	Complies
165	5825	22.78	0.00	22.78	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.75	0.00	21.75	30.00	1.00	Complies
157	5785	21.76	0.00	21.76	30.00	1.00	Complies
165	5825	20.92	0.00	20.92	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.19	30.00	1.00	Complies
157	5785	25.39	30.00	1.00	Complies
165	5825	24.96	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	22.75	0.00	22.75	30.00	1.00	Complies
159	5795	22.73	0.00	22.73	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	21.54	0.00	21.54	30.00	1.00	Complies
159	5795	21.71	0.00	21.71	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	25.20	30.00	1.00	Complies
159	5795	25.26	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.28	0.00	16.28	30.00	1.00	Complies
40	5200	22.92	0.00	22.92	30.00	1.00	Complies
48	5240	20.84	0.00	20.84	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.78	0.00	19.78	30.00	1.00	Complies
40	5200	22.48	0.00	22.48	30.00	1.00	Complies
48	5240	21.32	0.00	21.32	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.38	30.00	1.00	Complies
40	5200	25.72	30.00	1.00	Complies
48	5240	24.10	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.47	0.00	15.47	30.00	1.00	Complies
46	5230	16.82	0.00	16.82	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	17.98	0.00	17.98	30.00	1.00	Complies
46	5230	15.33	0.00	15.33	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.91	30.00	1.00	Complies
46	5230	19.15	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	20.44	0.00	20.44	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	20.64	0.00	20.64	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	23.55	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	23.05	0.00	23.05	30.00	1.00	Complies
157	5785	22.95	0.00	22.95	30.00	1.00	Complies
165	5825	23.06	0.00	23.06	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	21.88	0.00	21.88	30.00	1.00	Complies
157	5785	21.67	0.00	21.67	30.00	1.00	Complies
165	5825	21.85	0.00	21.85	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.51	30.00	1.00	Complies
157	5785	25.37	30.00	1.00	Complies
165	5825	25.51	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	22.64	0.00	22.64	30.00	1.00	Complies
159	5795	23.13	0.00	23.13	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	22.55	0.00	22.55	30.00	1.00	Complies
159	5795	21.76	0.00	21.76	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	25.61	30.00	1.00	Complies
159	5795	25.51	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	22.76	0.00	22.76	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	21.82	0.00	21.82	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	25.33	30.00	1.00	Complies

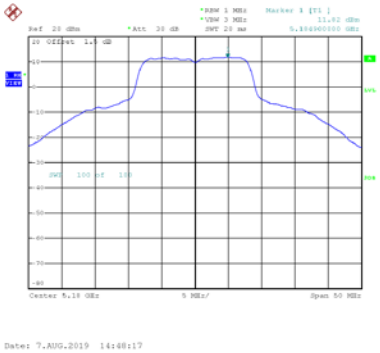
APPENDIX G - POWER SPECTRAL DENSITY

Non-Beamforming

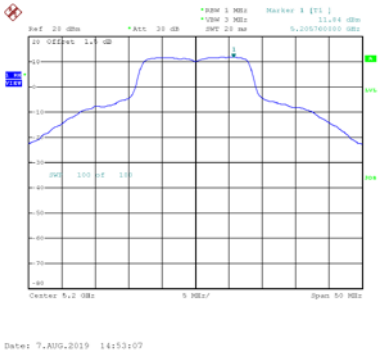
Test Mode	c

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	11.82	0.00	11.82	17.00	Complies
40	5200	11.84	0.00	11.84	17.00	Complies
48	5240	12.21	0.00	12.21	17.00	Complies

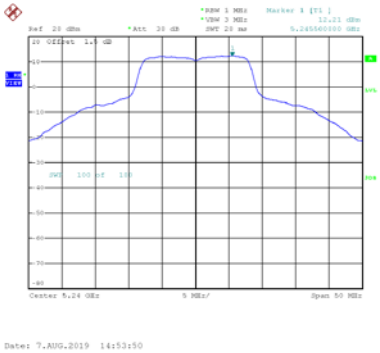
CH36



CH40



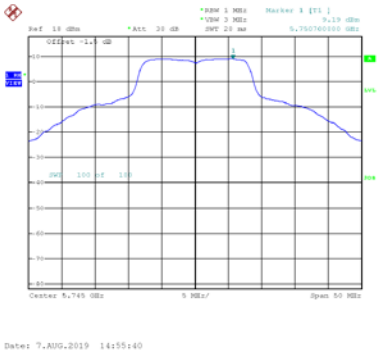
CH48



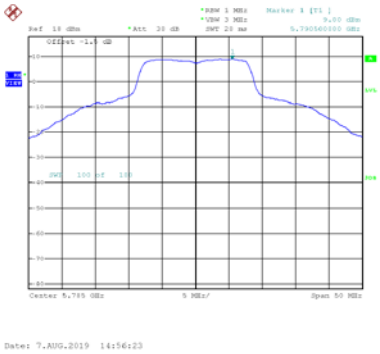
Test Mode	UNII-3_TX A Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.19	0.00	9.19	30.00	Complies
157	5785	9.00	0.00	9.00	30.00	Complies
165	5825	8.65	0.00	8.65	30.00	Complies

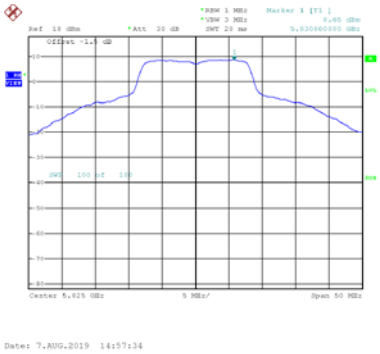
CH149



CH157



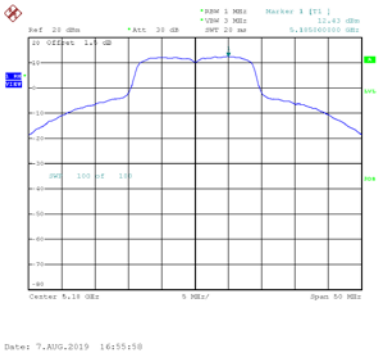
CH165



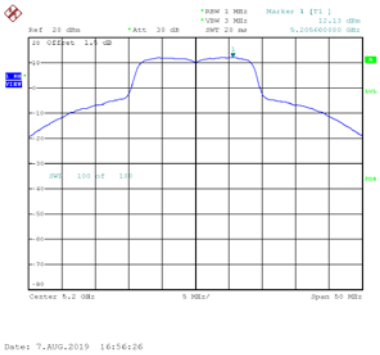
Test Mode	UNII-1_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	12.43	0.00	12.43	17.00	Complies
40	5200	12.13	0.00	12.13	17.00	Complies
48	5240	12.33	0.00	12.33	17.00	Complies

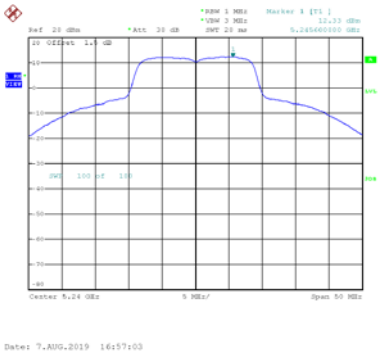
CH36



CH40



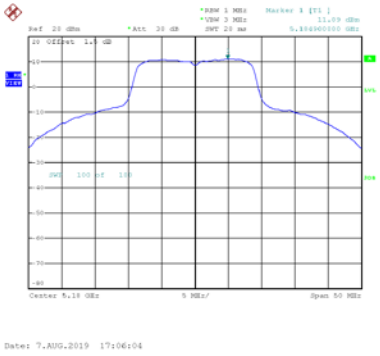
CH48



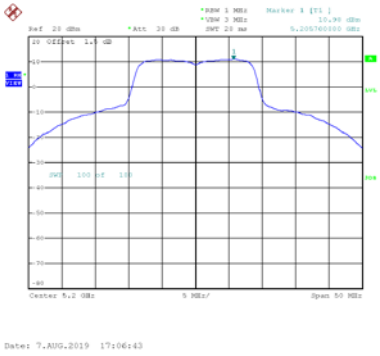
Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	11.09	0.00	11.09	17.00	Complies
40	5200	10.98	0.00	10.98	17.00	Complies
48	5240	11.25	0.00	11.25	17.00	Complies

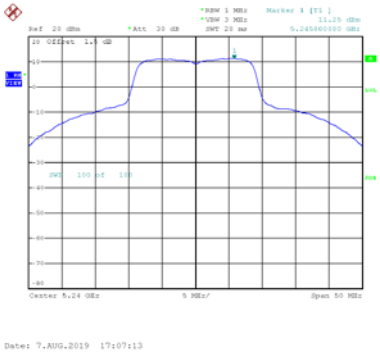
CH36



CH40



CH48



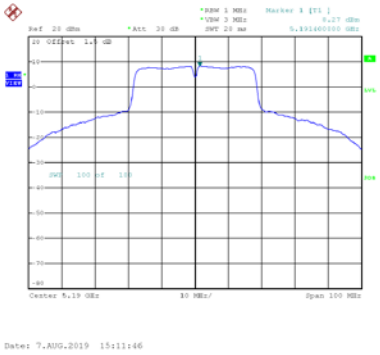
Test Mode	UNII-1_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	14.82	17.00	Complies
40	5200	14.60	17.00	Complies
48	5240	14.83	17.00	Complies

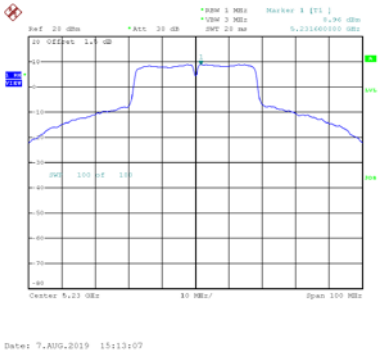
Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	8.27	0.00	8.27	17.00	Complies
46	5230	8.96	0.00	8.96	17.00	Complies

CH38



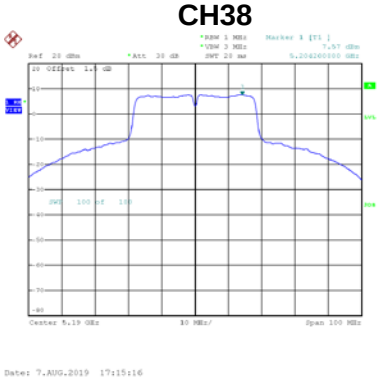
CH46



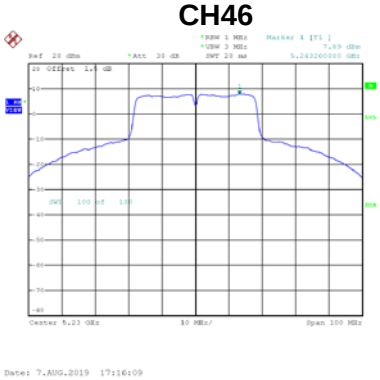
Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.57	0.00	7.57	17.00	Complies
46	5230	7.89	0.00	7.89	17.00	Complies

CH38



CH46



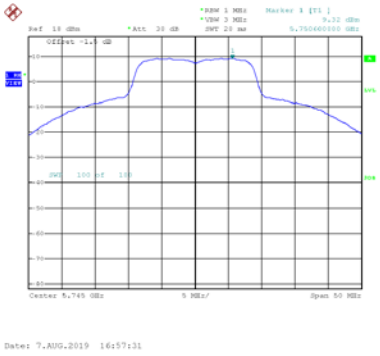
Test Mode	UNII-1_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	10.94	17.00	Complies
46	5230	11.47	17.00	Complies

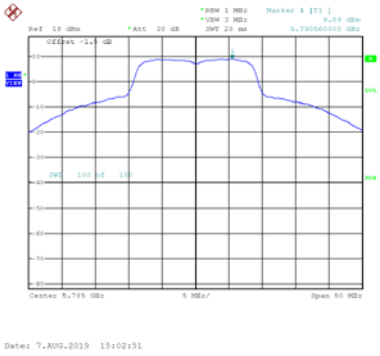
Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.32	0.00	9.32	30.00	Complies
157	5785	9.09	0.00	9.09	30.00	Complies
165	5825	8.71	0.00	8.71	30.00	Complies

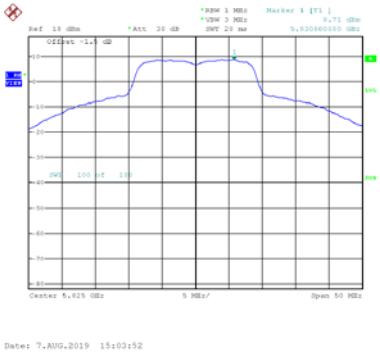
CH149



CH157



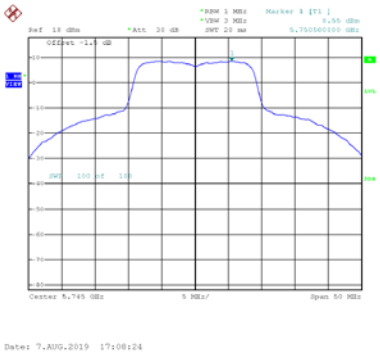
CH165



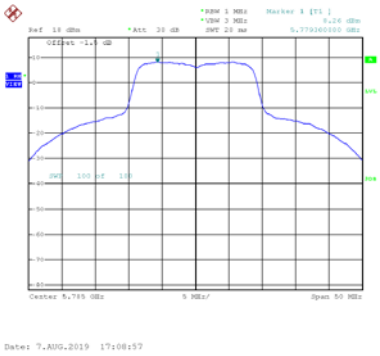
Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	8.55	0.00	8.55	30.00	Complies
157	5785	8.26	0.00	8.26	30.00	Complies
165	5825	7.70	0.00	7.70	30.00	Complies

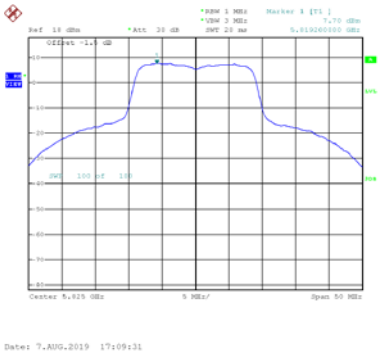
CH149



CH157



CH165



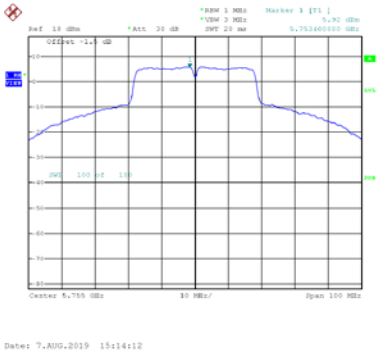
Test Mode	UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	11.96	30.00	Complies
157	5785	11.71	30.00	Complies
165	5825	11.24	30.00	Complies

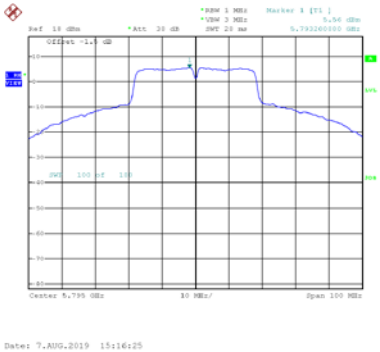
Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	5.92	0.00	5.92	30.00	Complies
159	5795	5.56	0.00	5.56	30.00	Complies

CH151



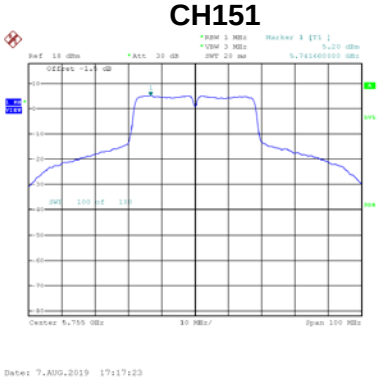
CH159



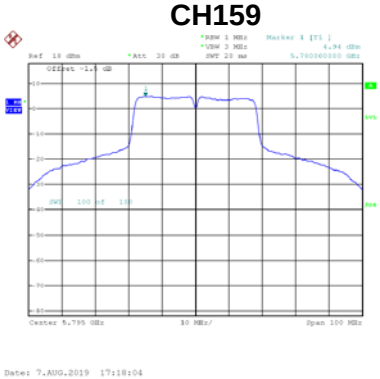
Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	5.20	0.00	5.20	30.00	Complies
159	5795	4.94	0.00	4.94	30.00	Complies

CH151



CH159



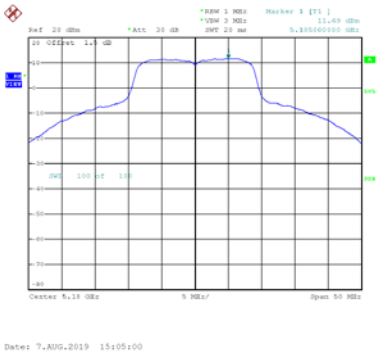
Test Mode	UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	8.59	30.00	Complies
159	5795	8.27	30.00	Complies

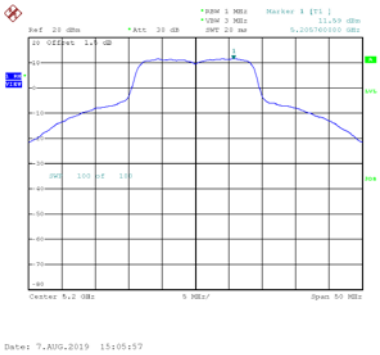
Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	11.69	0.00	11.69	17.00	Complies
40	5200	11.59	0.00	11.59	17.00	Complies
48	5240	12.22	0.00	12.22	17.00	Complies

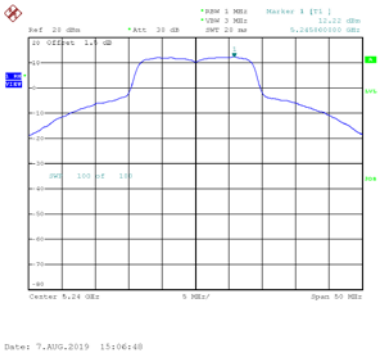
CH36



CH40



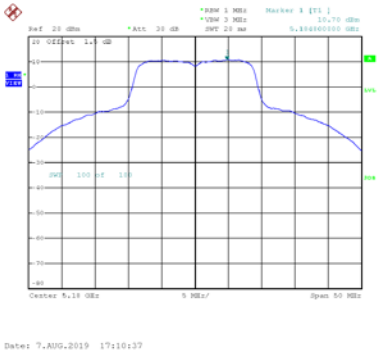
CH48



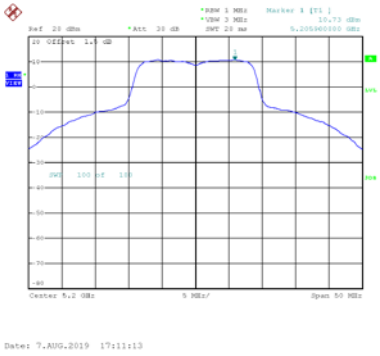
Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	10.70	0.00	10.70	17.00	Complies
40	5200	10.73	0.00	10.73	17.00	Complies
48	5240	11.04	0.00	11.04	17.00	Complies

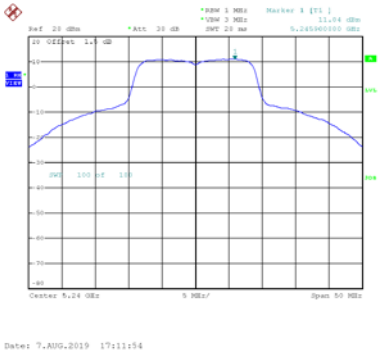
CH36



CH40



CH48



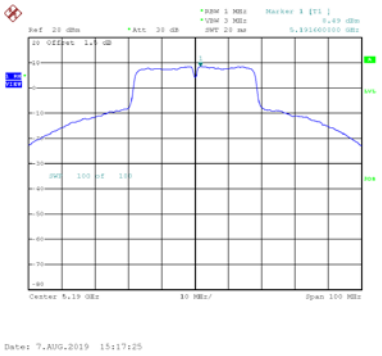
Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	14.23	17.00	Complies
40	5200	14.19	17.00	Complies
48	5240	14.68	17.00	Complies

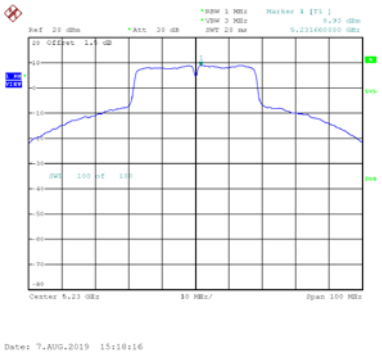
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	8.49	0.00	8.49	17.00	Complies
46	5230	8.93	0.00	8.93	17.00	Complies

CH38



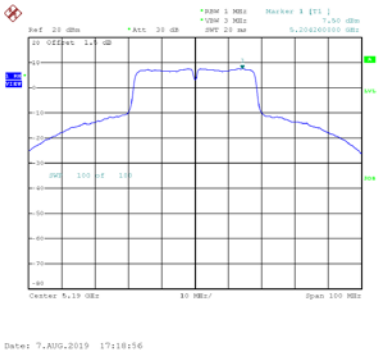
CH46



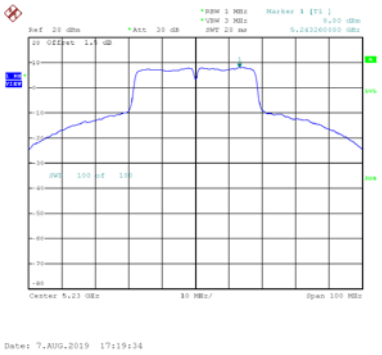
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.50	0.00	7.50	17.00	Complies
46	5230	8.00	0.00	8.00	17.00	Complies

CH38



CH46



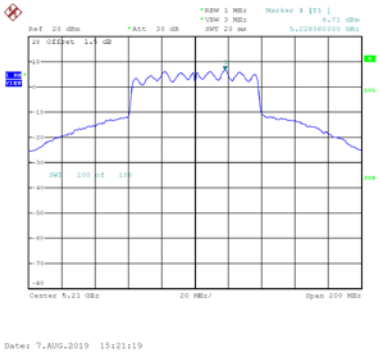
Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	11.03	17.00	Complies
46	5230	11.50	17.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	6.71	0.00	6.71	17.00	Complies

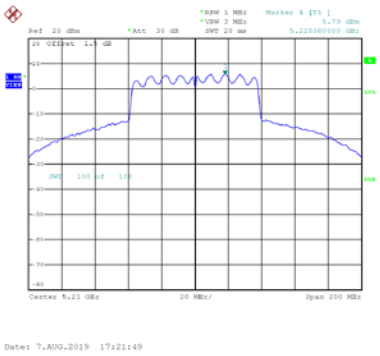
CH42



Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	5.79	0.00	5.79	17.00	Complies

CH42



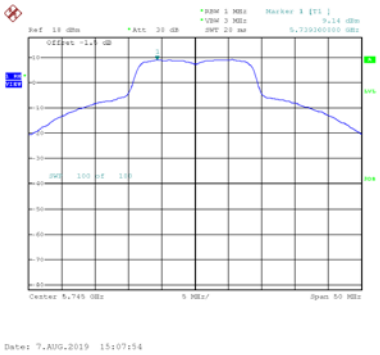
Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	9.28	17.00	Complies

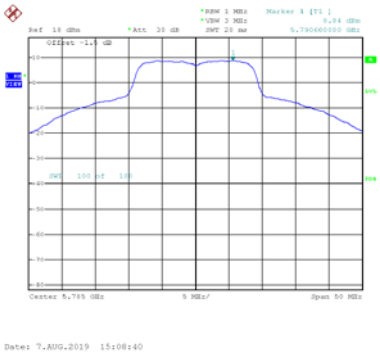
Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.14	0.00	9.14	30.00	Complies
157	5785	8.84	0.00	8.84	30.00	Complies
165	5825	8.56	0.00	8.56	30.00	Complies

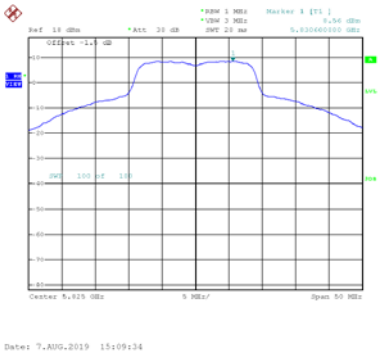
CH149



CH157



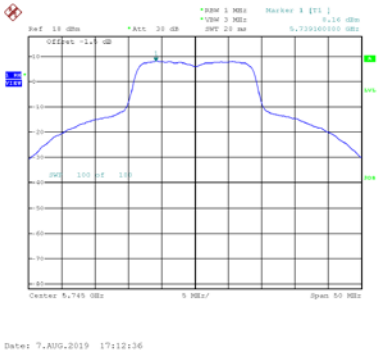
CH165



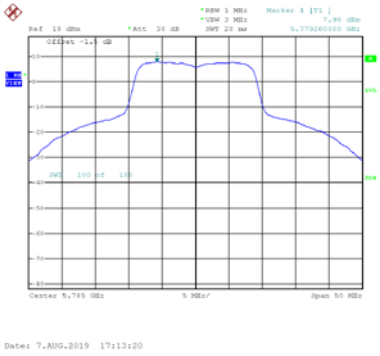
Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	8.16	0.00	8.16	30.00	Complies
157	5785	7.98	0.00	7.98	30.00	Complies
165	5825	7.58	0.00	7.58	30.00	Complies

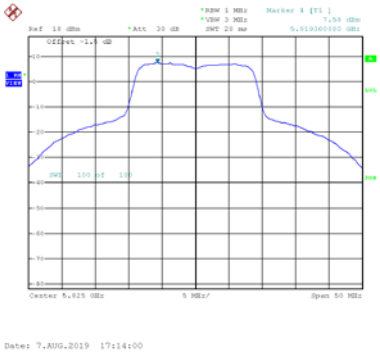
CH149



CH157



CH165



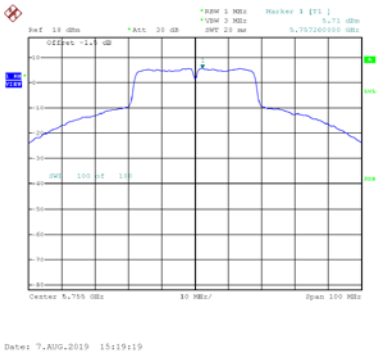
Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	11.69	30.00	Complies
157	5785	11.44	30.00	Complies
165	5825	11.11	30.00	Complies

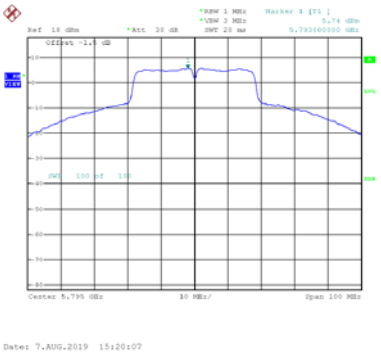
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	5.71	0.00	5.71	30.00	Complies
159	5795	5.74	0.00	5.74	30.00	Complies

CH151



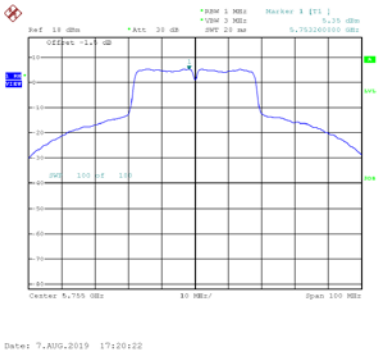
CH159



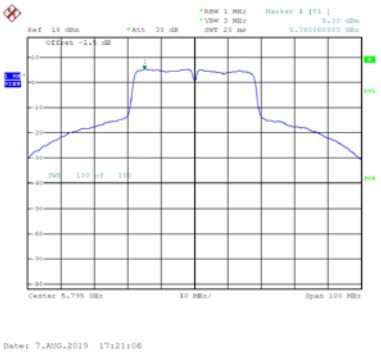
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	5.35	0.00	5.35	30.00	Complies
159	5795	5.30	0.00	5.30	30.00	Complies

CH151



CH159



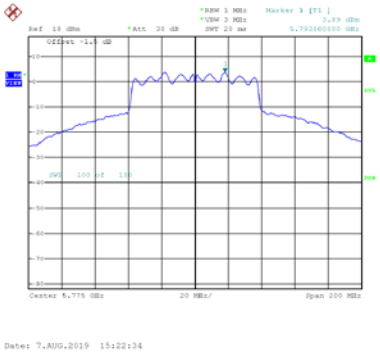
Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	8.54	30.00	Complies
159	5795	8.54	30.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	3.89	0.00	3.89	30.00	Complies

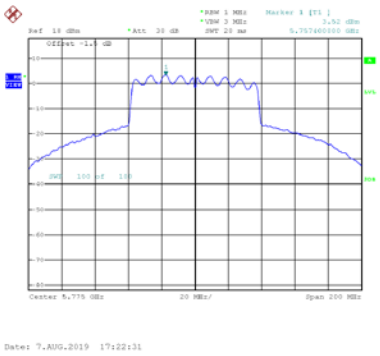
CH155



Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	3.52	0.00	3.52	30.00	Complies

CH155



Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	6.72	30.00	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5180.0088
120	5180.0088
102	5180.0088
Maximum Deviation (MHz)	0.0088
Maximum Deviation (ppm)	1.6988

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5180.0088
10	5180.0088
20	5180.0092
30	5180.0092
40	5180.0092
50	5180.0096
55	5180.0096
Maximum Deviation (MHz)	0.0096
Maximum Deviation (ppm)	1.8533

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5745.0028
120	5745.0032
102	5745.0036
Maximum Deviation (MHz)	0.0036
Maximum Deviation (ppm)	0.6266

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.0040
10	5745.0044
20	5745.0048
30	5745.0048
40	5745.0052
50	5745.0052
55	5745.0056
Maximum Deviation (MHz)	0.0056
Maximum Deviation (ppm)	0.9748

End of Test Report