

FCC Radio Test Report

FCC ID: KA2COVR1100B1

This report concerns: Original Grant

Project No. : 2012H038
Equipment : 1) AC1200 Dual Band Mesh Wi-Fi Router
2) AC1200 Dual Band Whole Home Mesh Wi-Fi Router
Brand Name : D-Link
Test Model : COVR-1100
Series Model : COVR-1102/COVR-1103
Applicant : D-Link Corporation
Address : 17595 Mt. Herrmann Fountain Valley, CA92708 USA
Manufacturer : D-Link Corporation
Address : No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114, Taiwan
Date of Receipt : Dec. 25, 2020
Date of Test : Dec. 25, 2020~Jan. 22, 2021
Issued Date : Feb. 24, 2021
Report Version : R01
Test Sample : Engineering Sample No.: SH20201223122, SH20201223123
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.

Maker Qi

Prepared by : Maker Qi

Ryan. Wang

Approved by : Ryan Wang



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

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

Limitation

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

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Feb. 23, 2021
R01	Deleting the test photos for Short-term confidential.	Feb. 24, 2021

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	PASS	-----
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.407(a) 15.407(e)	Spectrum Bandwidth	APPENDIX E	PASS	-----
15.407(a)	Maximum Output Power	APPENDIX F	PASS	-----
15.407(a)	Power Spectral Density	APPENDIX G	PASS	-----
15.203	Antenna Requirements	-----	PASS	NOTE (3)
15.407(c)	Automatically Discontinue Transmission	-----	PASS	NOTE (3)

Note:

- (1) "N/A" denotes test is not applicable in this test report.
- (2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
- (3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
- (4) 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	2.70

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	18°C	45%	AC 120V/60Hz	Joven Xiong
Radiated Emissions-30 MHz to 1GHz	24°C	58%	AC 120V/60Hz	Forest Li
Radiated Emissions-Above 1000 MHz	24°C	58%	AC 120V/60Hz	Forest Li
Spectrum Bandwidth	20°C	40%	AC 120V/60Hz	Vince Zong
Maximum Output Power	20°C	40%	AC 120V/60Hz	Vince Zong
Power Spectral Density	20°C	40%	AC 120V/60Hz	Vince Zong

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	1) AC1200 Dual Band Mesh Wi-Fi Router 2) AC1200 Dual Band Whole Home Mesh Wi-Fi Router
Brand Name	D-Link
Test Model	COVR-1100
Series Model	COVR-1102/COVR-1103
Model Difference(s)	COVR-1100 Product Name: AC1200 Dual Band Mesh Wi-Fi Router (one set). COVR-1102 Product Name: AC1200 Dual Band Whole Home Mesh Wi-Fi Router (two sets). COVR-1103 Product Name: AC1200 Dual Band Whole Home Mesh Wi-Fi Router (three sets).
Software Version	V2.00
Hardware Version	B1
Power Source	DC voltage supplied from AC/DC adapter. 1#Brand/Mode:WB-12G12R 2#Brand/Mode:MAUS-1201001202 3#Brand/Mode:S12A14-120A100-PT 4#Brand/Mode:S12A12-120A100-CJ
Power Rating	1# I/P: 100V-240V ~ 50Hz/60Hz 0.3A Max, O/P:12.0V === 1.0A. 12.0W 2# I/P: 100V-240V ~ 50Hz/60Hz 0.35A, O/P:12V === 1.0A. 3# I/P: 100V-240V ~ 50Hz/60Hz 0.4A, O/P:12.0V === 1.0A. 12.0W 4# I/P: 100V-240V ~ 50Hz/60Hz max 0.5A, O/P:12V === 1A.
Operation Frequency	UNII-1: 5150 MHz~5250 MHz UNII-3: 5725 MHz~5850 MHz
Modulation Type	OFDM
Bit Rate of Transmitter	Up to 866.7 Mbps
Maximum Conducted Output Power for UNII-1 (1TX)	IEEE 802.11a: 26.07 dBm (0.4046 W)
Maximum Conducted Output Power for UNII-3 (1TX)	IEEE 802.11a: 26.23 dBm (0.4198 W)
Maximum Conducted Output Power for UNII-1 (2TX) CDD	IEEE 802.11n (HT20): 27.19 dBm (0.5236 W) IEEE 802.11n (HT40): 27.06 dBm (0.5082 W) IEEE 802.11ac (VHT20): 27.31 dBm (0.5383 W) IEEE 802.11ac (VHT40): 27.70 dBm (0.5888 W) IEEE 802.11ac (VHT80): 24.41 dBm (0.2761 W)
Maximum Conducted Output Power for UNII-3 (2TX) CDD	IEEE 802.11n (HT20): 28.84 dBm (0.7656 W) IEEE 802.11n (HT40): 28.05 dBm (0.6383 W) IEEE 802.11ac (VHT20): 28.96 dBm (0.7870 W) IEEE 802.11ac (VHT40): 28.84 dBm (0.7656 W) IEEE 802.11ac (VHT80): 29.45 dBm (0.8810 W)
Maximum Conducted Output Power for UNII-1 (2TX) Beamforming	IEEE 802.11n (HT20): 27.02 dBm (0.5035 W) IEEE 802.11n (HT40): 26.88 dBm (0.4875 W) IEEE 802.11ac (VHT20): 27.11 dBm (0.5140 W) IEEE 802.11ac (VHT40): 27.57 dBm (0.5715 W) IEEE 802.11ac (VHT80): 24.26 dBm (0.2667 W)
Maximum Conducted Output Power for UNII-3 (2TX) Beamforming	IEEE 802.11n (HT20): 28.46 dBm (0.7015 W) IEEE 802.11n (HT40): 27.84 dBm (0.6081 W) IEEE 802.11ac (VHT20): 28.44 dBm (0.6982 W) IEEE 802.11ac (VHT40): 28.38 dBm (0.6887 W) IEEE 802.11ac (VHT80): 28.34 dBm (0.6823 W)

Note:

- 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	Internal	N/A	4.5	N/A
2	N/A	N/A	Internal	N/A	4.5	N/A

Note:

(1) The antenna gain is provided by the manufacturer.

(2) CDD:

All antennas have the same gain, Directional gain = $G_{ANT} + \text{Array Gain}$,

For power spectral density measurements, $N_{ANT} = 2$, $N_{SS} = 1$. So Directional gain = $G_{ANT} +$

Array Gain = $G_{ANT} + 10 \log(N_{ANT}/N_{SS})$ dB = $4.5 + 10 \log(2/1)$ dBi = 7.51. Then, the UNII-1 power density limit is $17 - (7.51 - 6) = 15.49$. the UNII-3 power density limit is $30 - (7.51 - 6) = 28.49$

For power measurements, Array Gain = 0 dB ($N_{ANT} \leq 4$), so the Directional gain = 4.5.

Beamforming:

All antennas have the same gain, Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi,

that is Directional gain = $4.5 + 10 \log(2)$ dBi = 7.51;

So output power limit is $30 - (7.51 - 6) = 28.49$, the UNII-1 power density limit is

$17 - (7.51 - 6) = 15.49$. the UNII-3 power density limit is $30 - (7.51 - 6) = 28.49$.

4. Table for Antenna Configuration:

Operating Mode TX Mode	Ant. 1	Ant. 2	Ant. 1 + Ant. 2
802.11a	✓	✓	✗
802.11n(20 MHz)	✓	✓	✓
802.11n(40 MHz)	✓	✓	✓
802.11ac(20 MHz)	✓	✓	✓
802.11ac(40 MHz)	✓	✓	✓
802.11ac(80 MHz)	✓	✓	✓

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, CH44, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH44, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH44, 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)

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 7	TX A Mode / CH149 (UNII-3)

Radiated emissions test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH44, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH44, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH44, 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, CH44, CH48 (UNII-1)
Mode 2	TX N (HT20) Mode / CH36, CH44, CH48 (UNII-1)
Mode 3	TX N (HT40) Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC (VHT20) Mode / CH36, CH44, 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)

Note:

- (1) For radiated emission below 1 GHz and AC Power Line Conducted Emissions test, the IEEE 802.11a is found to be the worst case and recorded.

2.3 PARAMETERS OF TEST SOFTWARE

UNII-1 - 1TX			
Test Software	MP_TEST_1.3.8.0		
Test Frequency (MHz)	5180	5220	5240
IEEE 802.11a	32	50	35

UNII-3 - 1TX			
Test Software	MP_TEST_1.3.8.0		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11a	50	50	50

CDD

UNII-1 - 2TX			
Test Software	MP_TEST_1.3.8.0		
Test Frequency (MHz)	5180	5220	5240
IEEE 802.11n (HT20)	34	45	44
IEEE 802.11ac (VHT20)	34	45	44
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	32	42	
IEEE 802.11ac (VHT40)	32	42	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	32		

UNII-3 - 2TX			
Test Software	MP_TEST_1.3.8.0		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11n (HT20)	48	46	45
IEEE 802.11ac (VHT20)	48	46	45
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	44	45	
IEEE 802.11ac (VHT40)	44	45	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	46		

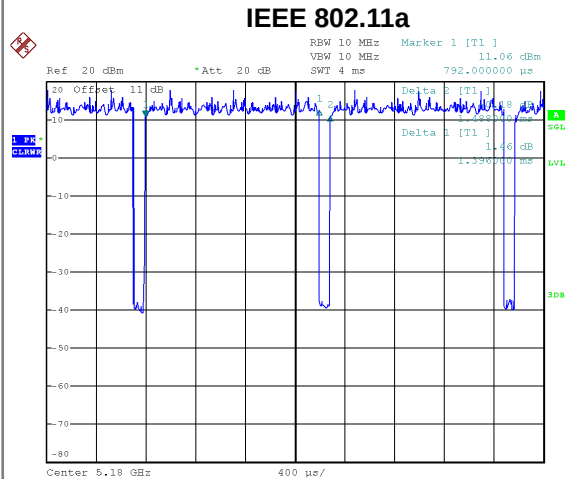
Beamforming

UNII-1 - 2TX			
Test Software	MP_TEST_1.3.8.0		
Test Frequency (MHz)	5180	5220	5240
IEEE 802.11n (HT20)	34	45	44
IEEE 802.11ac (VHT20)	34	45	44
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	32	42	
IEEE 802.11ac (VHT40)	32	42	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	32		

UNII-3 - 2TX			
Test Software	MP_TEST_1.3.8.0		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11n (HT20)	48	46	45
IEEE 802.11ac (VHT20)	48	46	45
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	44	45	
IEEE 802.11ac (VHT40)	44	45	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	46		

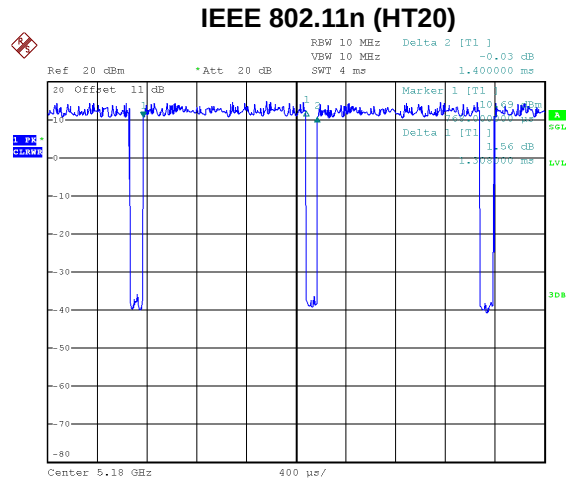
2.4 DUTY CYCLE

If duty cycle is $\geq 98\%$, duty factor is not required.
 If duty cycle is $< 98\%$, duty factor shall be considered.
 The output power = measured power + duty factor.



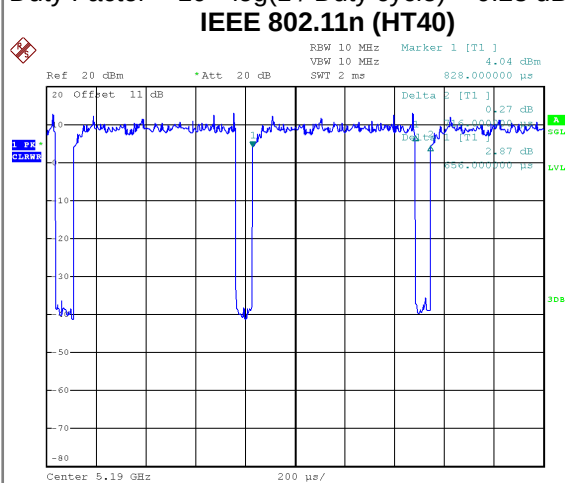
Date: 28.DEC.2020 16:33:27

Duty cycle = $1.396 \text{ ms} / 1.488 \text{ ms} = 93.82\%$
 Duty Factor = $10 * \log(1 / \text{Duty cycle}) = 0.28 \text{ dB}$



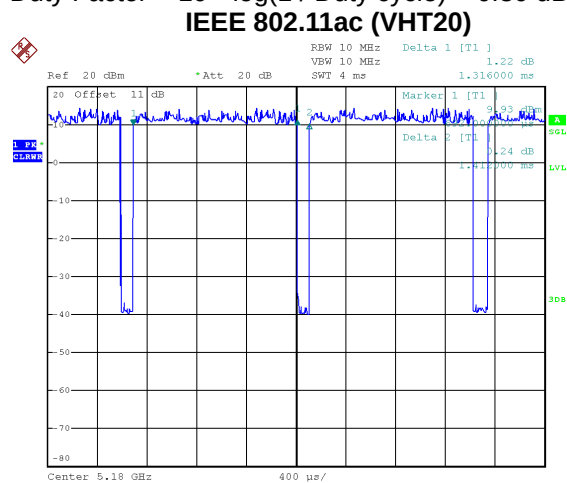
Date: 28.DEC.2020 16:34:04

Duty cycle = $1.308 \text{ ms} / 1.400 \text{ ms} = 93.43\%$
 Duty Factor = $10 * \log(1 / \text{Duty cycle}) = 0.30 \text{ dB}$



Date: 28.DEC.2020 16:35:16

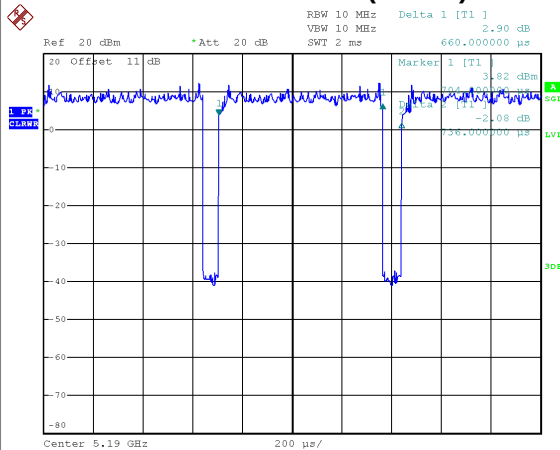
Duty cycle = $0.656 \text{ ms} / 0.716 \text{ ms} = 91.62\%$
 Duty Factor = $10 * \log(1 / \text{Duty cycle}) = 0.38 \text{ dB}$



Date: 28.DEC.2020 16:36:48

Duty cycle = $1.316 \text{ ms} / 1.412 \text{ ms} = 93.20\%$
 Duty Factor = $10 * \log(1 / \text{Duty cycle}) = 0.31 \text{ dB}$

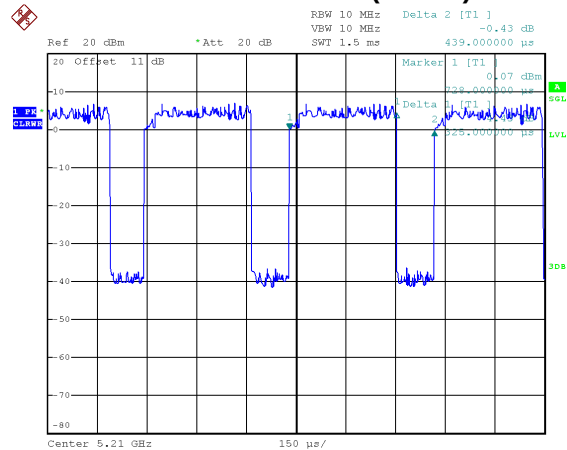
IEEE 802.11ac (VHT40)



Date: 28.DEC.2020 16:39:33

Duty cycle = 0.660 ms / 0.736 ms = 89.67%
Duty Factor = 10 * log(1 / Duty cycle) = 0.47 dB

IEEE 802.11ac (VHT80)



Date: 28.DEC.2020 16:41:38

Duty cycle = 0.325 ms / 0.439 ms = 74.03%
Duty Factor = 10 * log(1 / Duty cycle) = 1.31 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%).

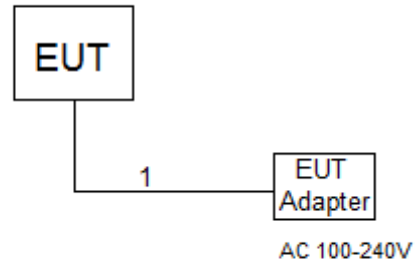
For IEEE 802.11n (HT40) and IEEE 802.11ac (VHT40):

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	Cable Type	Shielded Type	Ferrite Core	Length
1	DC	N/A	N/A	1M

3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

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

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

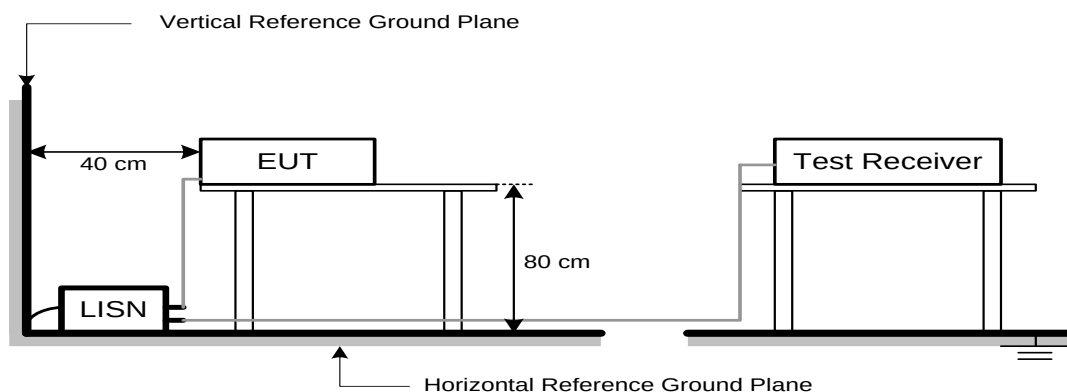
3.2 TEST PROCEDURE

- 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:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

- (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

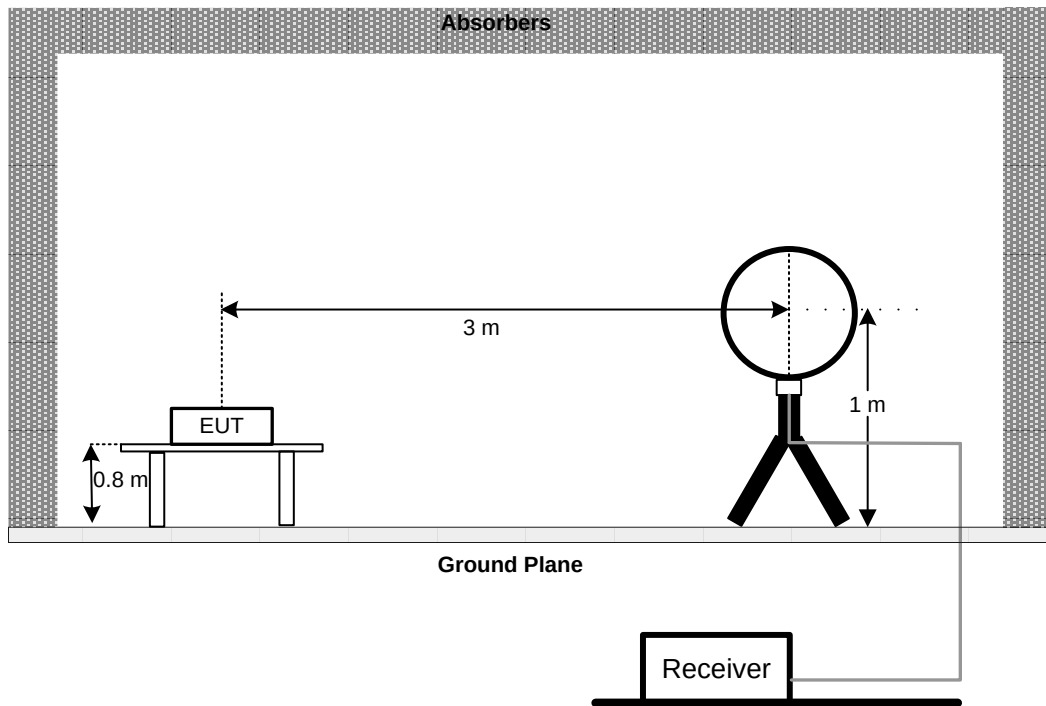
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

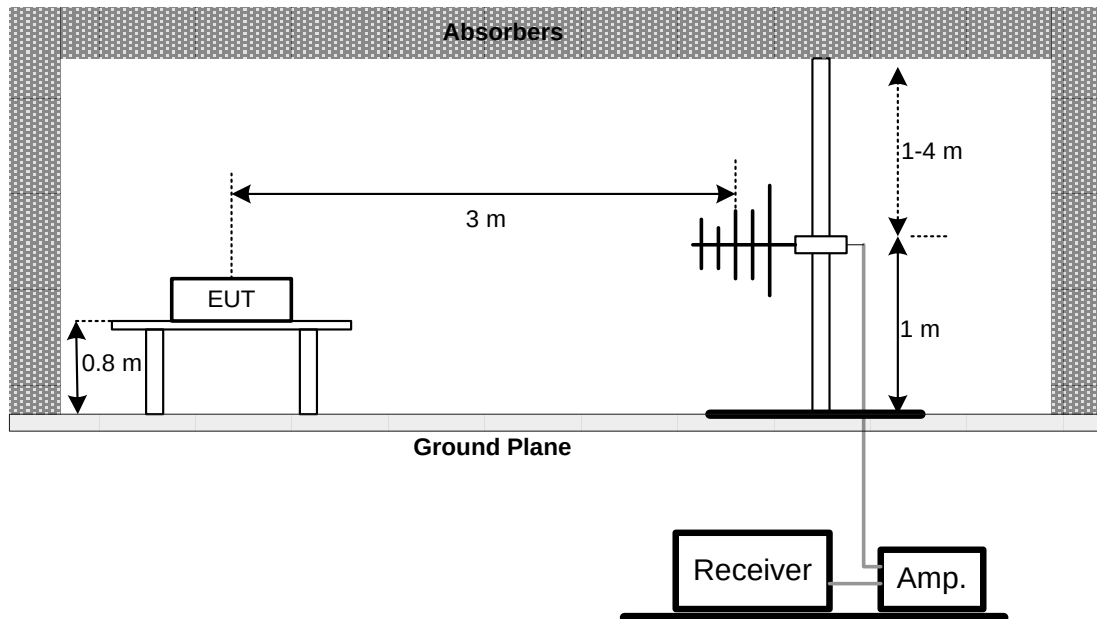
No deviation

4.4 TEST SETUP

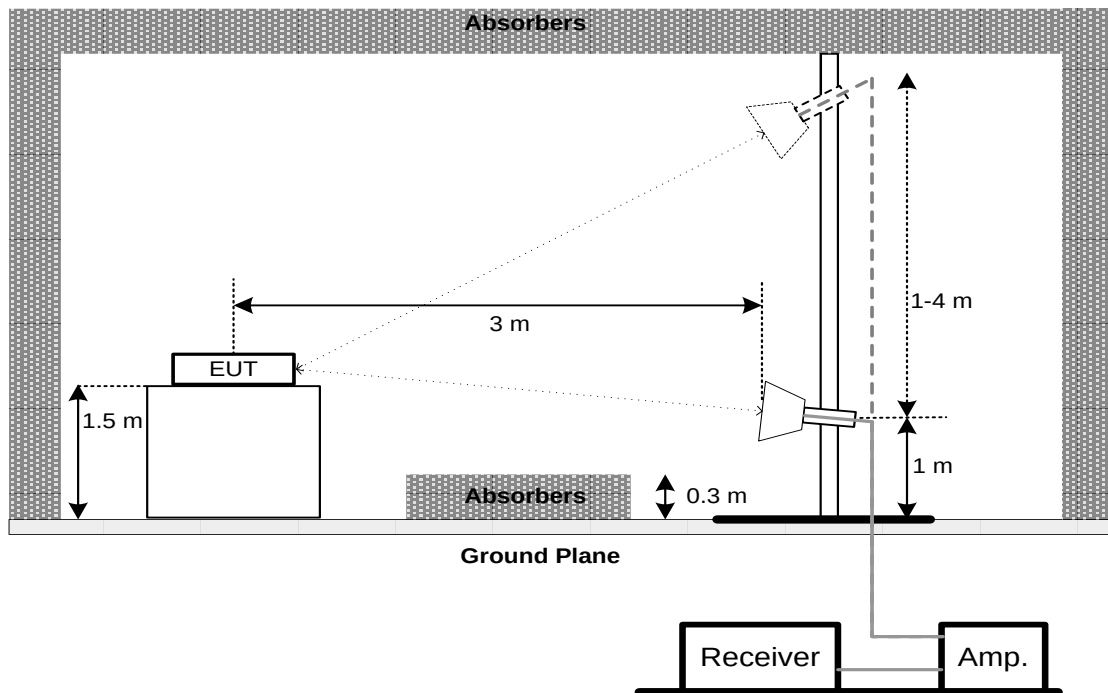
9 kHz to 30 MHz



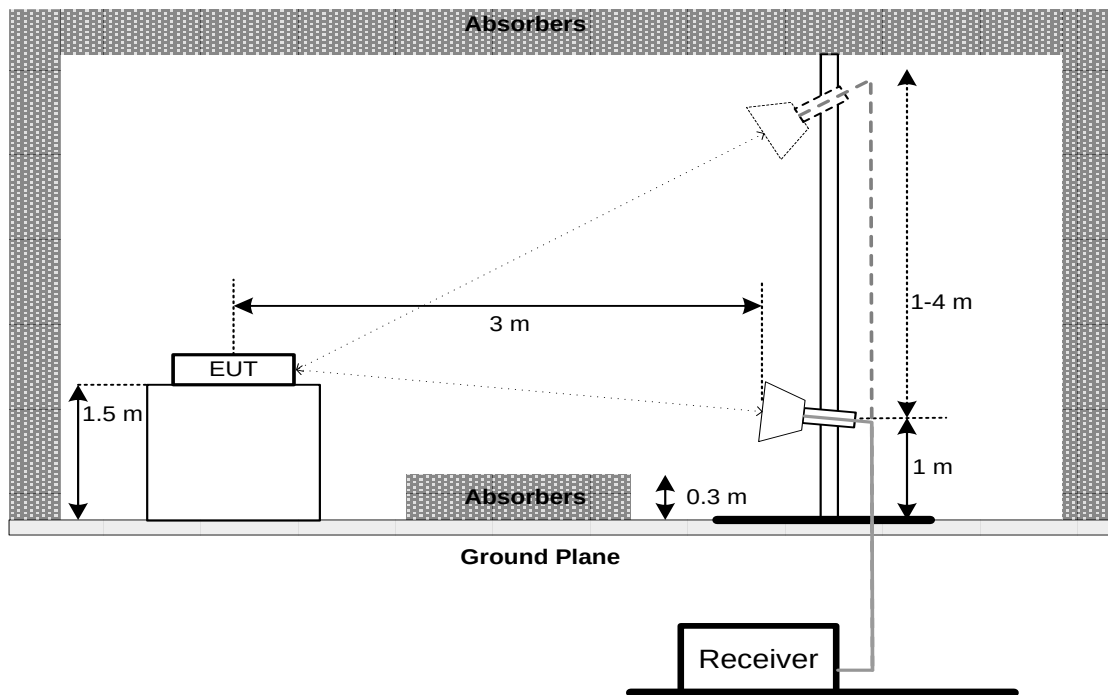
30 MHz to 1 GHz



Above 1 GHz



Above 1 GHz Band edge



4.5 EUT OPERATION CONDITIONS

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

4.6 TEST RESULTS - 9 KHZ to 30 MHZ

Please refer to the APPENDIX B

Remark:

- (1) 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 = $40 \log (\text{specific distance} / \text{test distance})$ (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	approximately 1% of the emission bandwidth
VBW	> RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

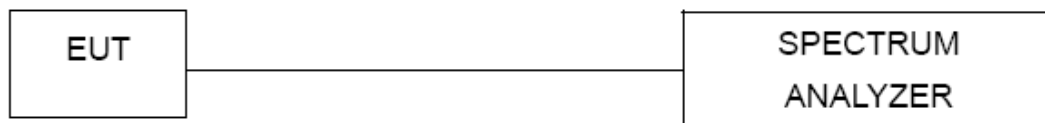
For UNII-3:

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 outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. 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. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. 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.
For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, 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

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

- 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.
- The value measured with RBW=1 MHz is to be added with $10\log(500 \text{ kHz}/1 \text{ MHz})$ 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 G.

8. 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. 21, 2021
2	TWO-LINE V-NETWORK	R&S	ENV216	101340	Aug. 23, 2021
3	EMI Test Receiver	R&S	ESCI	100082	Mar. 21, 2021
4	50Ω coaxial switch	Anritsu	MP59B	6201750902	Mar. 21, 2021
5	Cable	10m	EMCRG400-BM-NM-10000	170628	Jul. 15, 2021
6	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	Apr. 02, 2021
2	Pre-Amplifier	emci	EMC9135	980400	Mar. 21, 2021
3	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 21, 2021
4	Attenuator	emci	EMCI-N-6-06	AT-N0644	Mar. 21, 2021
5	Cable	7m	EMC104-SM-SM-7000	170330	Apr. 13, 2021
6	Cable	1m	EMC104-SM-SM-1000	170331	Apr. 13, 2021
7	Cable	3.5m	EMC104-SM-NM-3500	170621	Apr. 13, 2021
8	Measurement Software	Farad	EZ-EMC Ver.BTL-2ANT-1	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	Schwarzbeck	BBHA 9120D	9120D-1787	Apr. 02, 2021
2	Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	3116C	00203919	Jul. 20, 2021
3	Pre-Amplifier	emci	EMC012645SE	980421	Mar. 21, 2021
4	Pre-Amplifier	emci	EMC184045SE	980409	Mar. 21, 2021
5	EXA Spectrum Analyzer	Keysight	N9010A	MY56480559	Mar. 21, 2021
6	MXE EMI Receiver	Keysight	N9038A	MY56400088	Mar. 21, 2021
7	Cable	7m	EMC104-SM-SM-700 0	170330	Apr. 13, 2021
8	Cable	1m	EMC104-SM-SM-100 0	170331	Apr. 13, 2021
9	Cable	3.5m	EMC104-SM-NM-350 0	170621	Apr. 13, 2021
10	Cable	0.8m	EMC102-SM-SM-800	170335	Apr. 13, 2021
11	Cable	6m	EMC102-SM-SM-600 0	170336	Apr. 13, 2021
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May. 06, 2021

Conducted Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May. 06, 2021

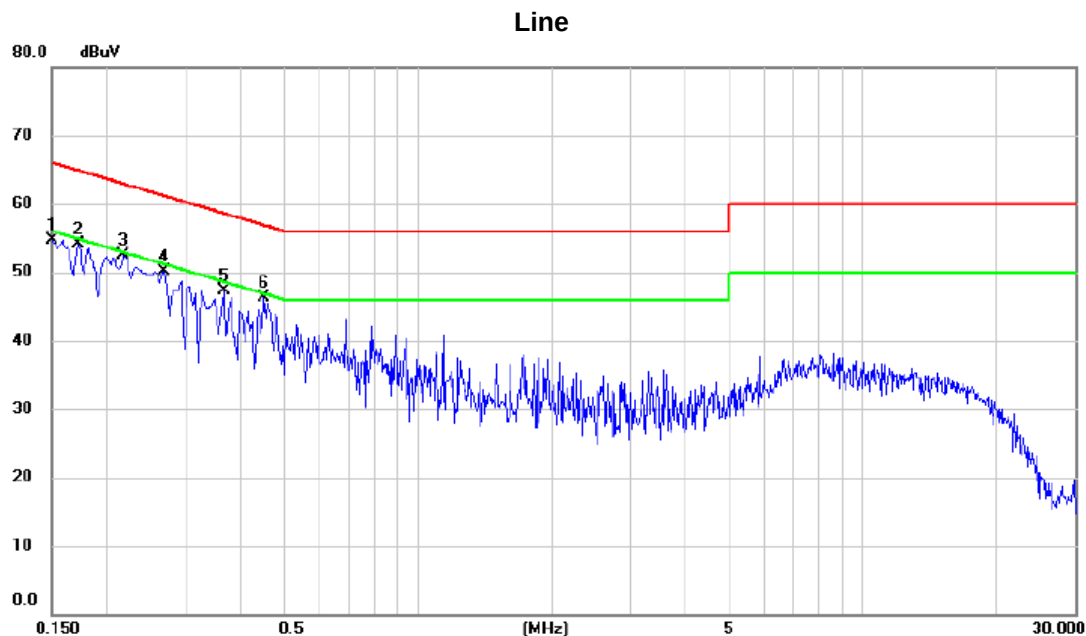
Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	May. 06, 2021

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: UNII-3_TX A Mode 5745 MHz



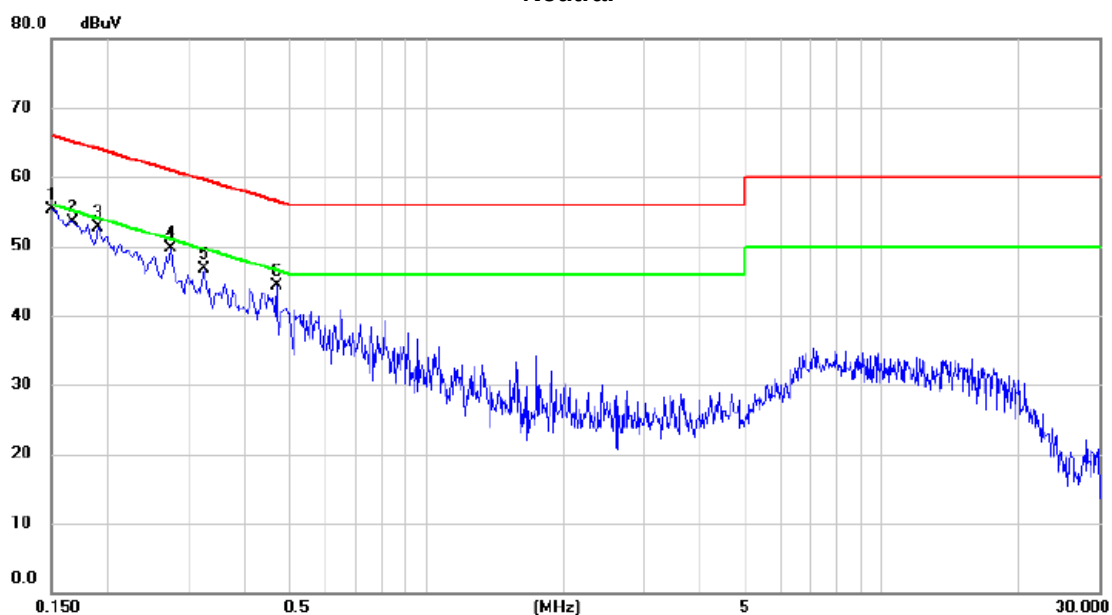
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1507	45.01	9.72	54.73	65.96	-11.23	peak	
2		0.1725	44.45	9.73	54.18	64.84	-10.66	peak	
3	*	0.2175	42.74	9.74	52.48	62.91	-10.43	peak	
4		0.2686	40.31	9.76	50.07	61.16	-11.09	peak	
5		0.3660	37.43	9.78	47.21	58.59	-11.38	peak	
6		0.4515	36.48	9.79	46.27	56.85	-10.58	peak	

REMARKS:

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

Test Mode: UNII-3_TX A Mode 5745 MHz

Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	45.55	9.68	55.23	66.00	-10.77	peak	
2		0.1668	43.78	9.70	53.48	65.12	-11.64	peak	
3		0.1905	43.02	9.71	52.73	64.01	-11.28	peak	
4		0.2744	39.92	9.73	49.65	60.98	-11.33	peak	
5		0.3255	36.97	9.74	46.71	59.57	-12.86	peak	
6		0.4695	34.50	9.77	44.27	56.52	-12.25	peak	

REMARKS:

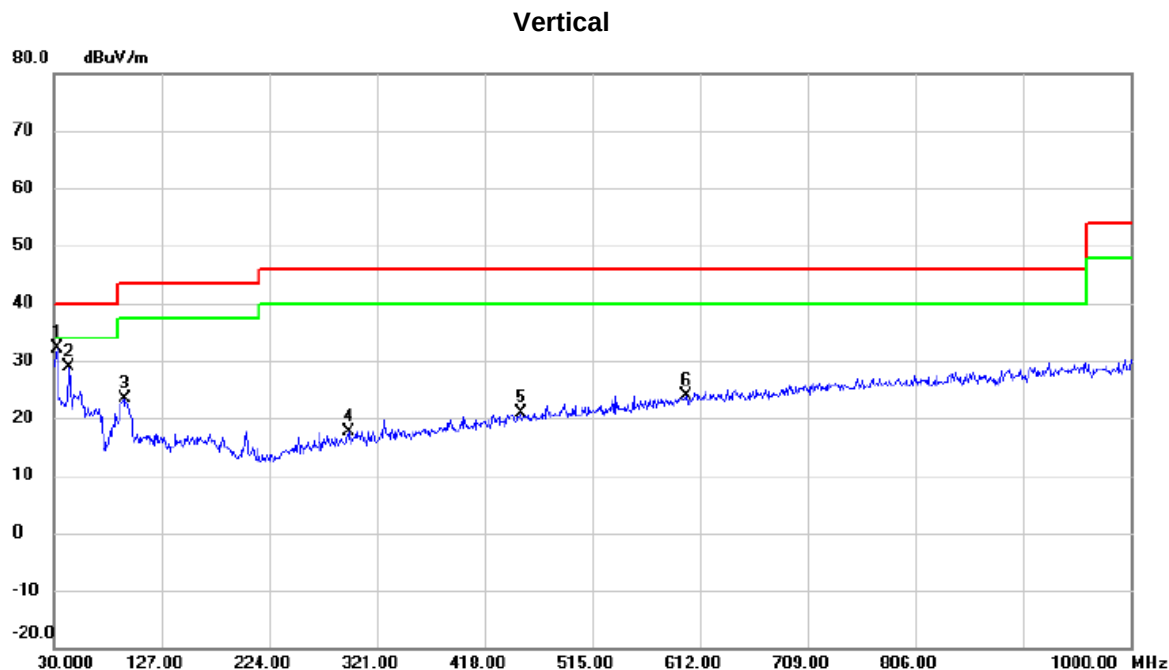
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Note: The measured value have enough margin over 20dB than the limit, therefore they are not reported.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1 GHZ

Test Mode: UNII-3_TX A Mode 5745 MHz

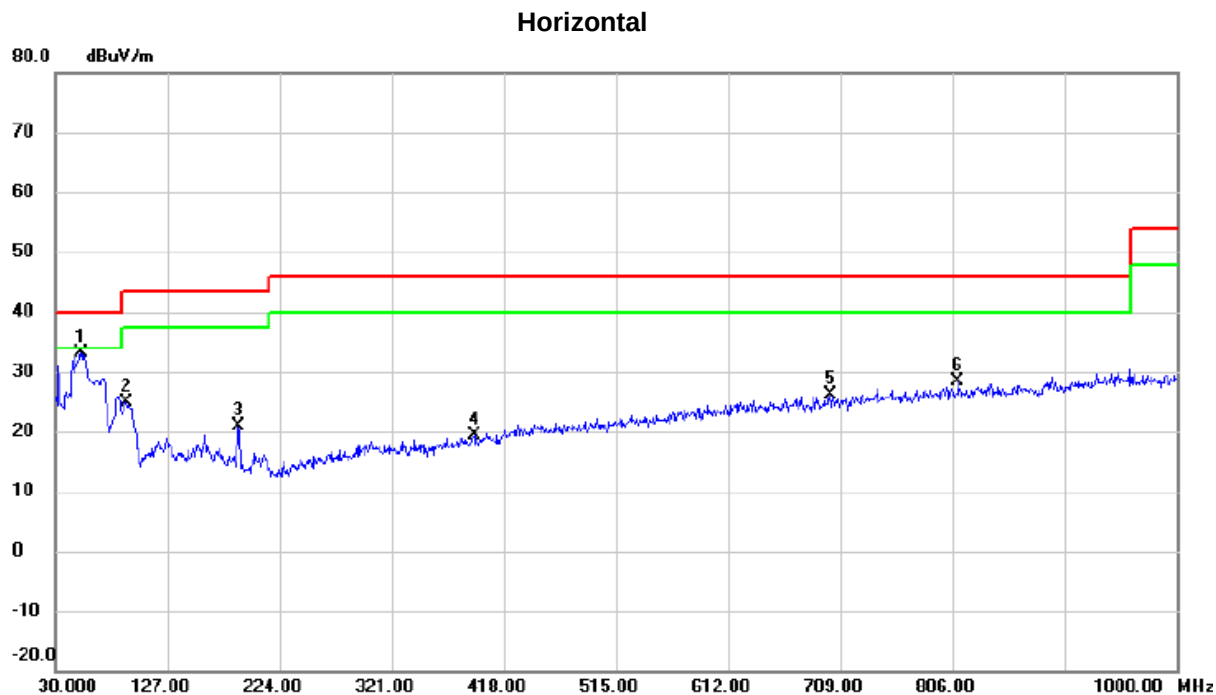


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	32.9100	50.48	-18.28	32.20	40.00	-7.80	peak	
2		43.5800	45.97	-17.03	28.94	40.00	-11.06	peak	
3		93.5350	45.29	-22.02	23.27	43.50	-20.23	peak	
4		295.2950	33.32	-15.75	17.57	46.00	-28.43	peak	
5		450.4950	32.87	-11.95	20.92	46.00	-25.08	peak	
6		599.3900	33.18	-9.18	24.00	46.00	-22.00	peak	

REMARKS:

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

Test Mode: UNII-3_TX A Mode 5745 MHz



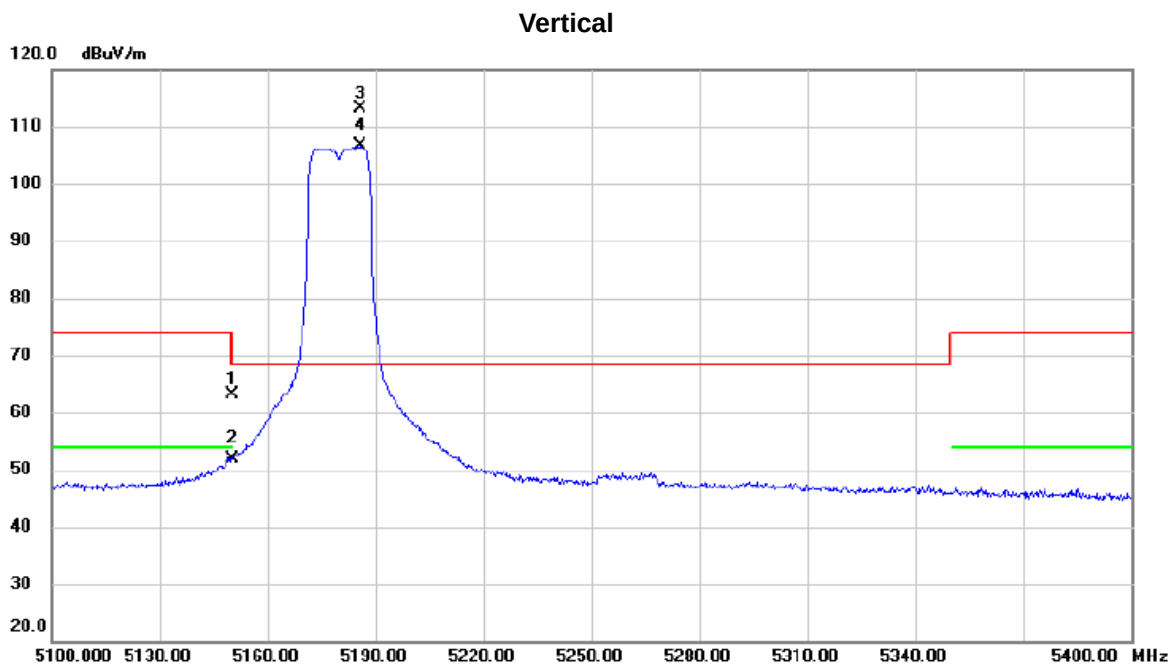
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	52.3100	50.06	-16.82	33.24	40.00	-6.76	peak	
2		91.5950	47.01	-22.16	24.85	43.50	-18.65	peak	
3		188.5950	39.20	-18.39	20.81	43.50	-22.69	peak	
4		392.2950	32.98	-13.49	19.49	46.00	-26.51	peak	
5		700.2700	34.23	-8.03	26.20	46.00	-19.80	peak	
6		810.8500	34.75	-6.49	28.26	46.00	-17.74	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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	25.17	37.88	63.05	74.00	-10.95	peak	
2		5150.000	13.97	37.88	51.85	54.00	-2.15	AVG	
3	*	5185.800	75.41	37.74	113.15	68.30	44.85	peak	
4	X	5185.800	68.82	37.74	106.56	68.30	38.26	AVG	

REMARKS:

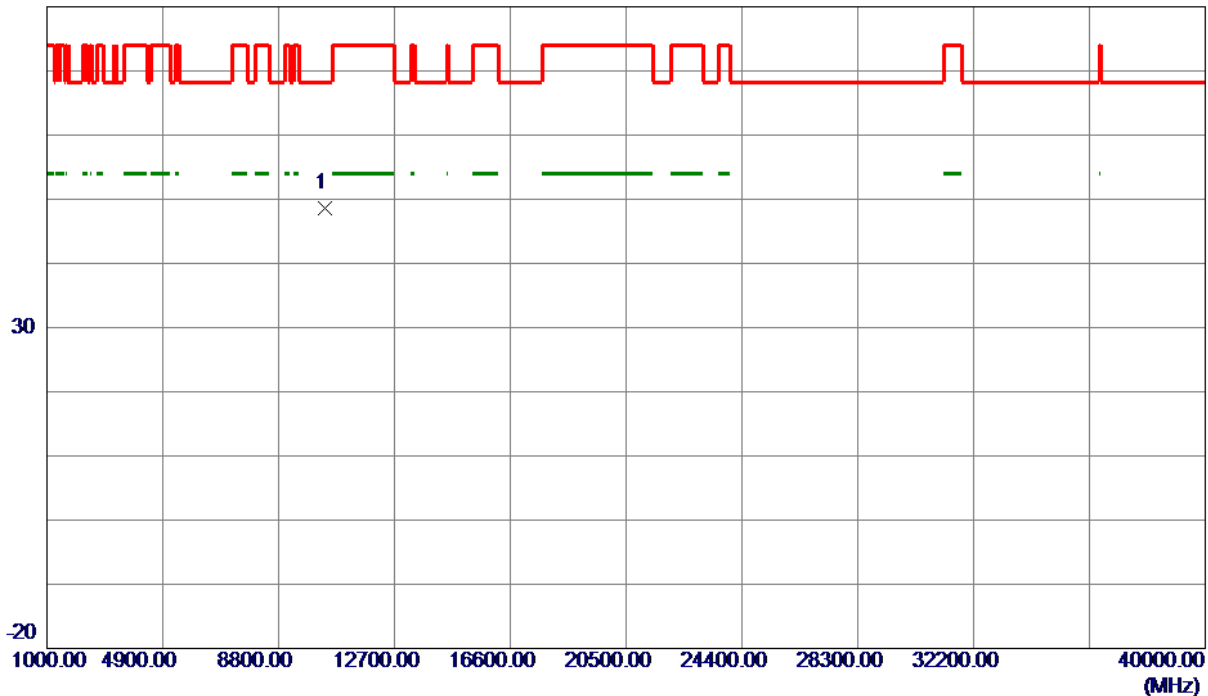
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

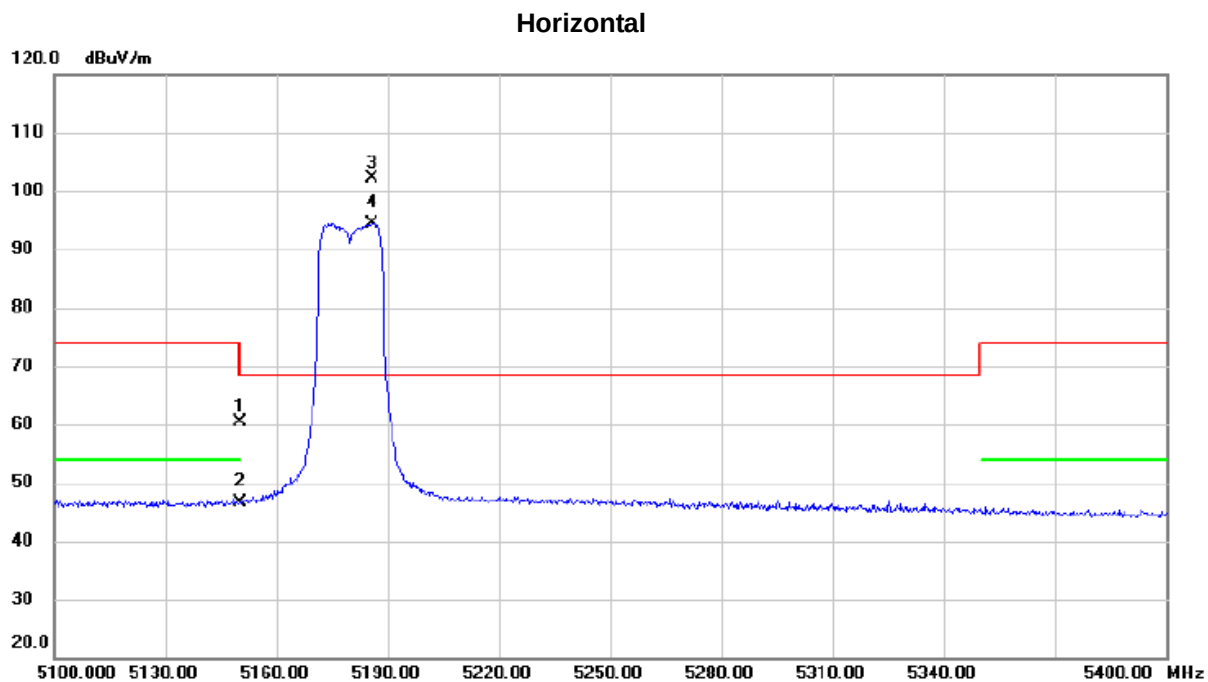


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0000	46.91	1.65	48.56	68.30	-19.74	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	22.54	37.88	60.42	74.00	-13.58	peak	
2		5150.000	8.70	37.88	46.58	54.00	-7.42	AVG	
3	*	5185.650	64.30	37.74	102.04	68.30	33.74	peak	
4	X	5185.650	56.63	37.74	94.37	68.30	26.07	AVG	

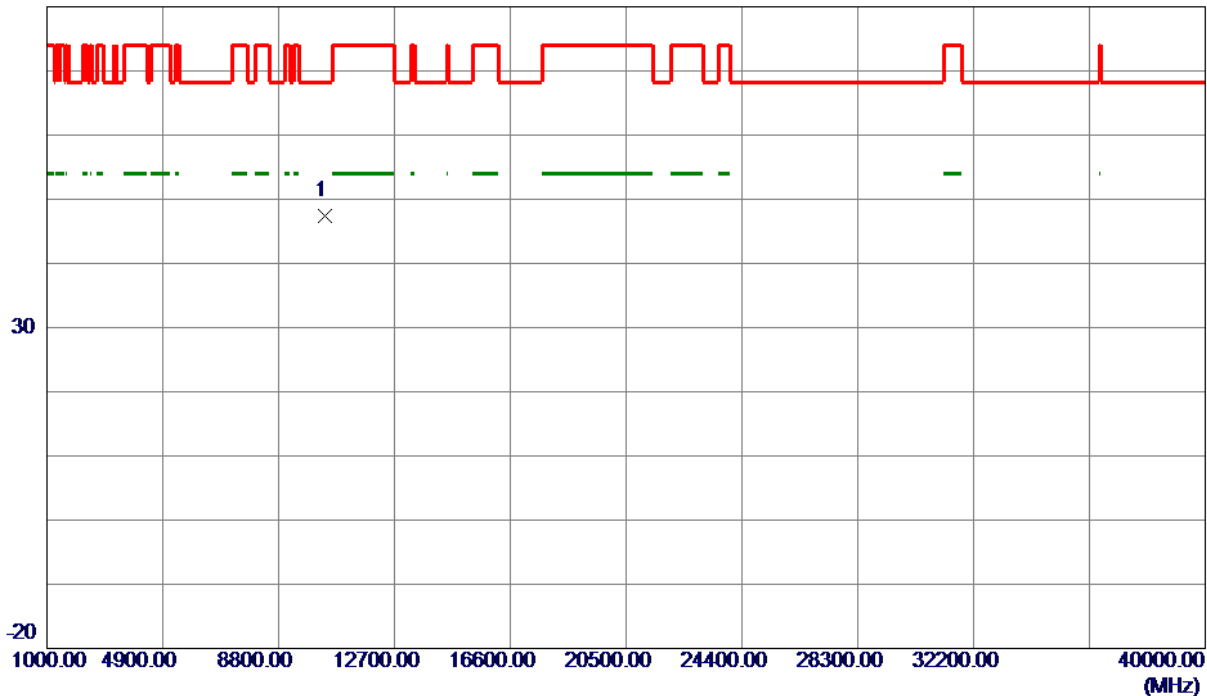
REMARKS:

- (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

80 dBuV/m



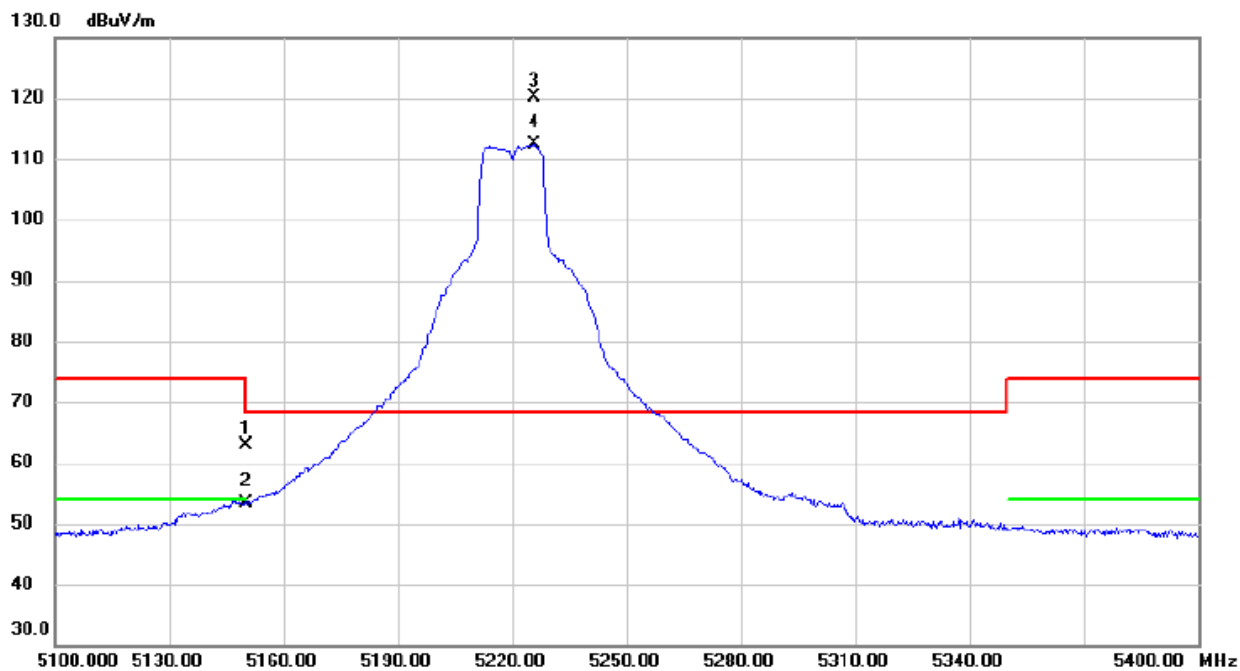
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10360.0000	45.75	1.65	47.40	68.30	-20.90	Peak	

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 5220 MHz

Vertical

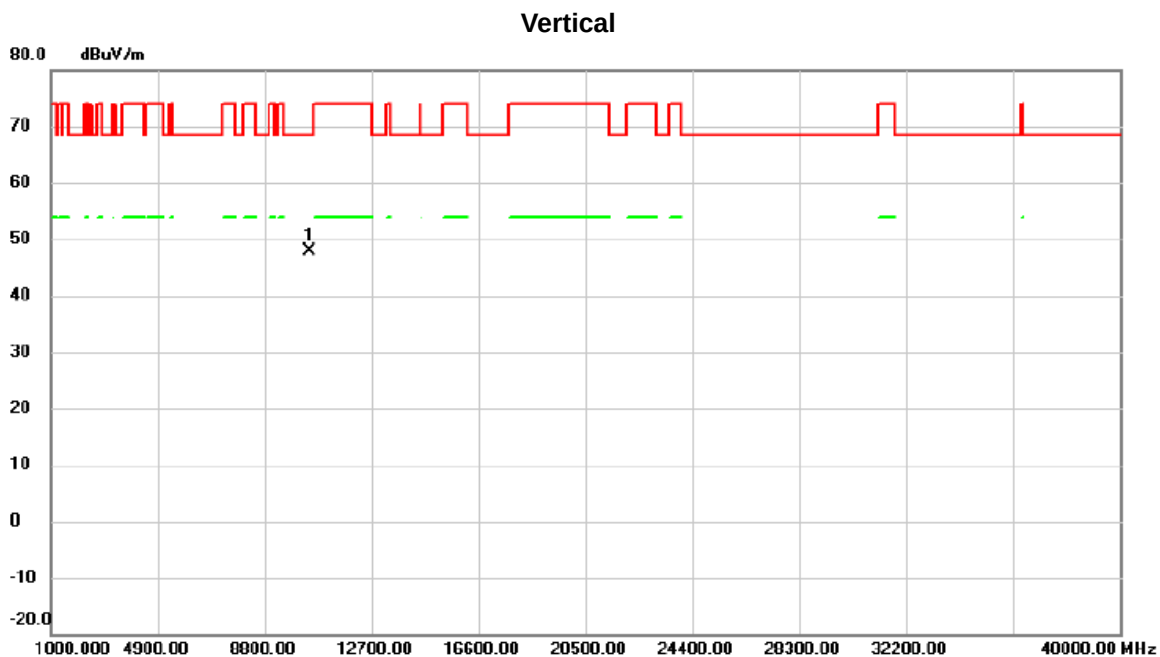


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	25.08	37.88	62.96	74.00	-11.04	peak	
2		5150.000	15.62	37.88	53.50	54.00	-0.50	AVG	
3	*	5225.700	82.47	37.64	120.11	68.30	51.81	peak	
4	X	5225.700	74.66	37.64	112.30	68.30	44.00	AVG	

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 5220 MHz

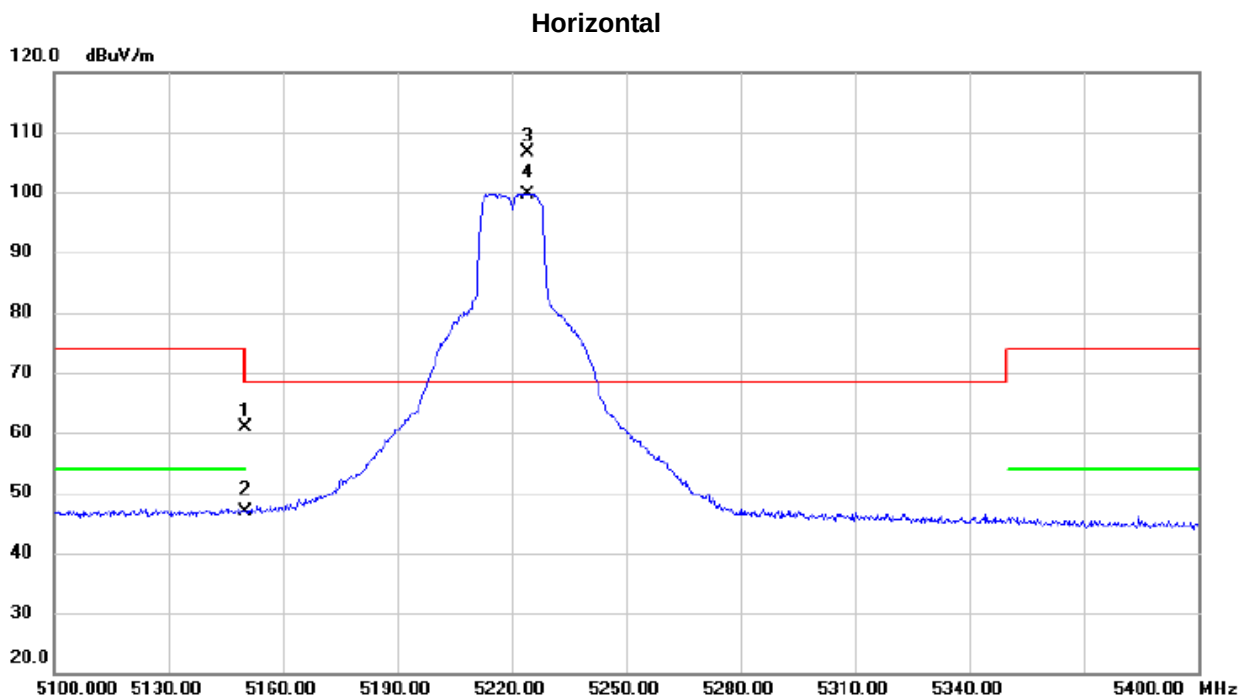


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	46.05	1.76	47.81	68.30	-20.49	peak	

REMARKS:

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

Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5220 MHz



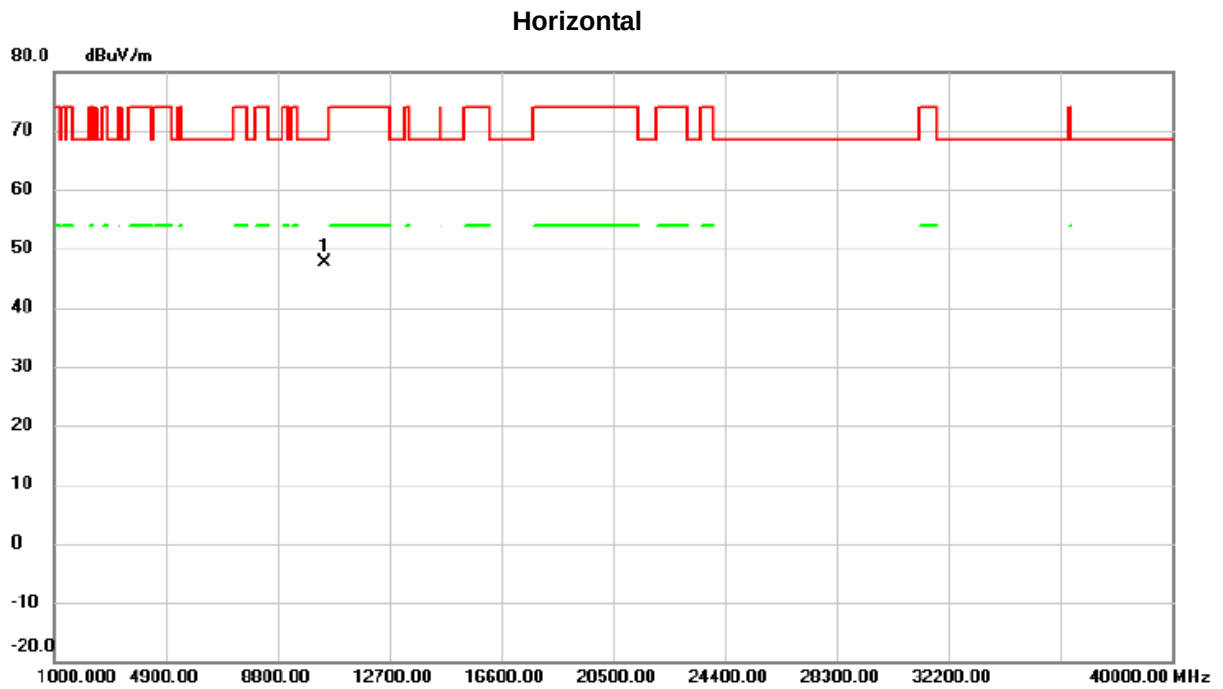
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.10	37.88	60.98	74.00	-13.02	peak	
2		5150.000	8.98	37.88	46.86	54.00	-7.14	AVG	
3	*	5224.350	69.09	37.64	106.73	68.30	38.43	peak	
4	X	5224.350	62.10	37.64	99.74	68.30	31.44	AVG	

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 5220 MHz



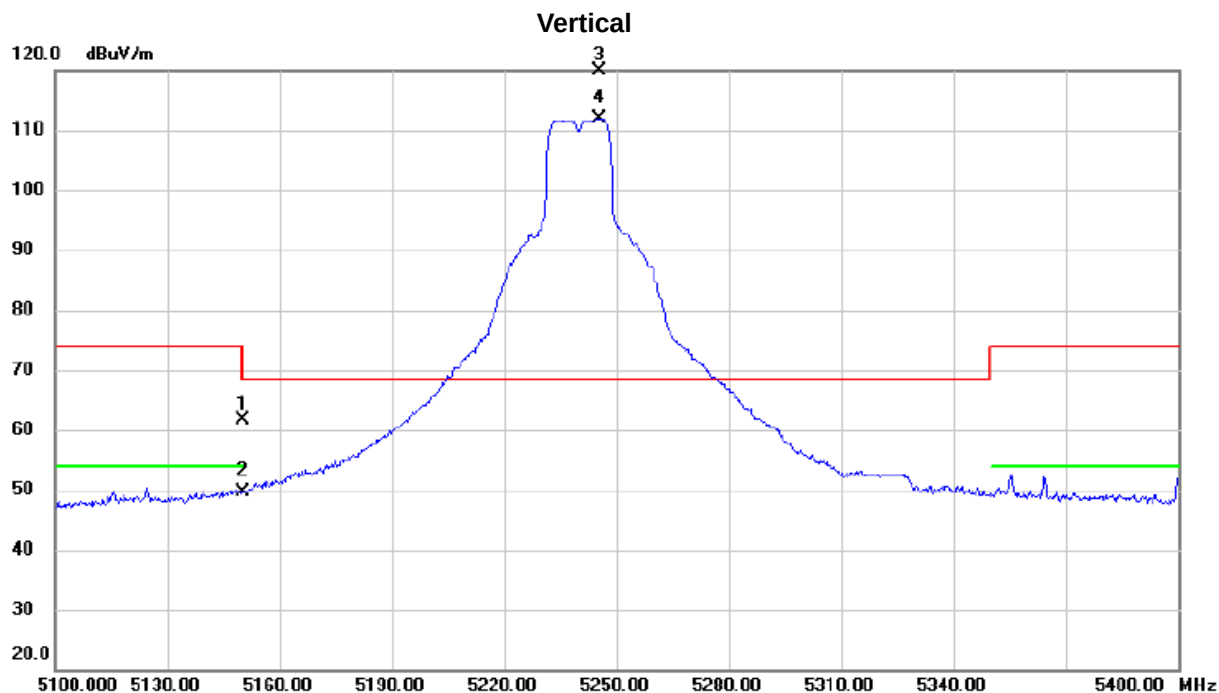
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	45.89	1.76	47.65	68.30	-20.65	peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.86	37.88	61.74	74.00	-12.26	peak	
2		5150.000	11.68	37.88	49.56	54.00	-4.44	AVG	
3	*	5245.500	82.24	37.61	119.85	68.30	51.55	peak	
4	X	5245.500	74.37	37.61	111.98	68.30	43.68	AVG	

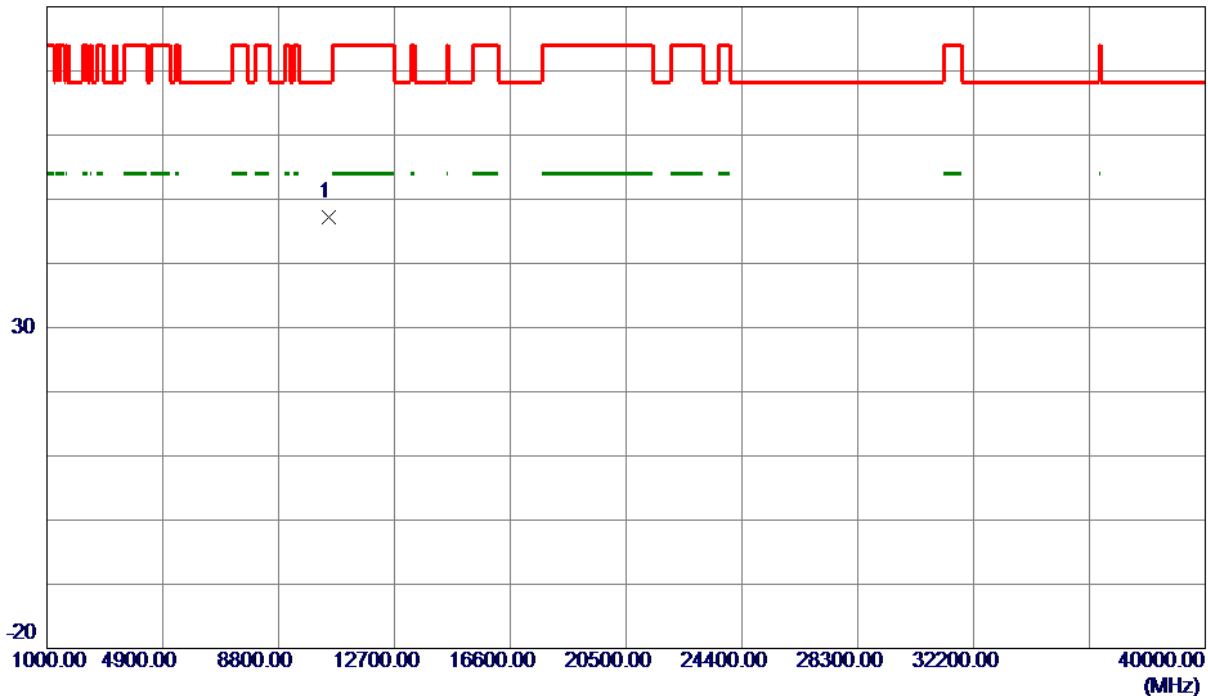
REMARKS:

- (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

80 dBuV/m

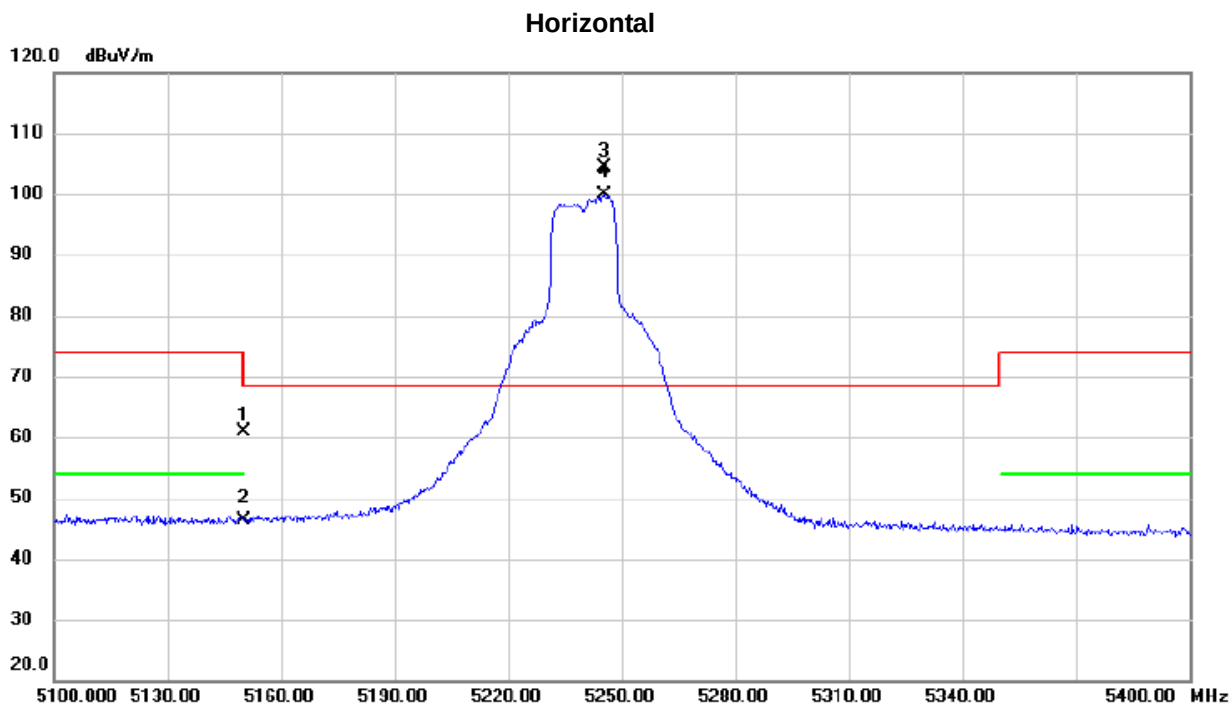


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10480.0000	45.41	1.80	47.21	68.30	-21.09	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.07	37.88	60.95	74.00	-13.05	peak	
2		5150.000	8.59	37.88	46.47	54.00	-7.53	AVG	
3	*	5245.500	66.77	37.61	104.38	68.30	36.08	peak	
4	X	5245.500	62.19	37.61	99.80	68.30	31.50	AVG	

REMARKS:

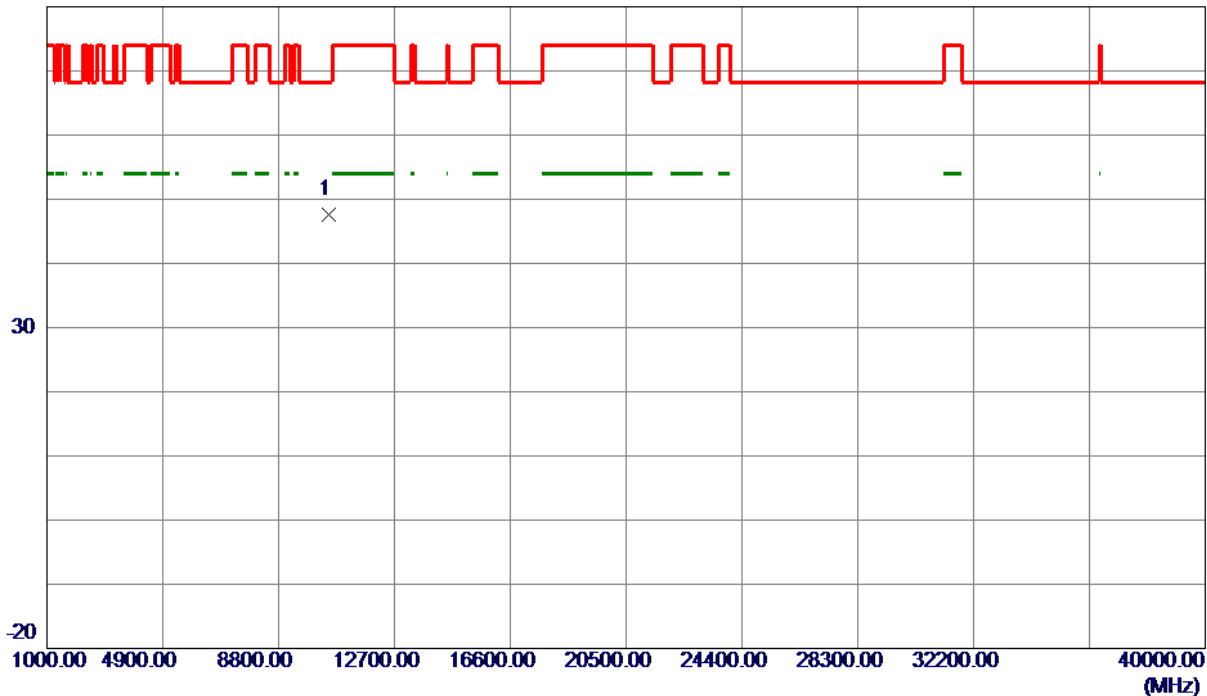
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Horizontal

80 dBuV/m

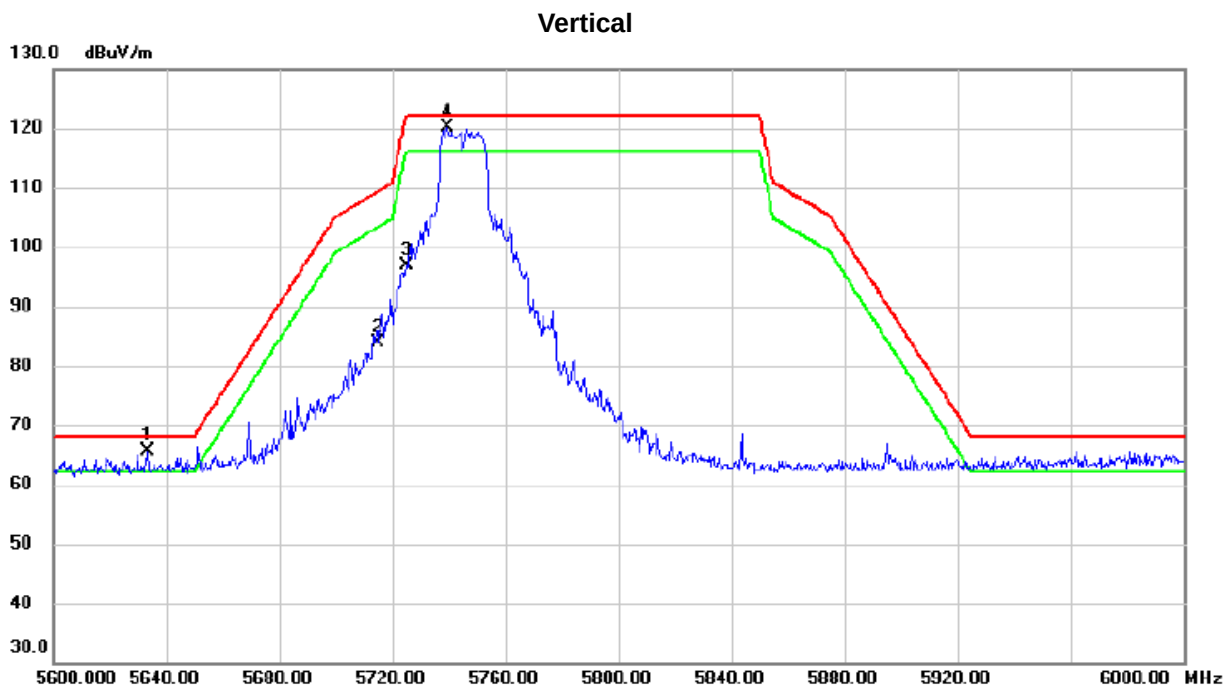


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10480.0000	45.73	1.80	47.53	68.30	-20.77	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5633.200	27.35	38.36	65.71	68.20	-2.49	peak	
2		5715.000	45.37	38.46	83.83	109.40	-25.57	peak	
3		5725.000	58.27	38.50	96.77	122.20	-25.43	peak	
4	*	5739.600	81.59	38.55	120.14	122.20	-2.06	peak	

REMARKS:

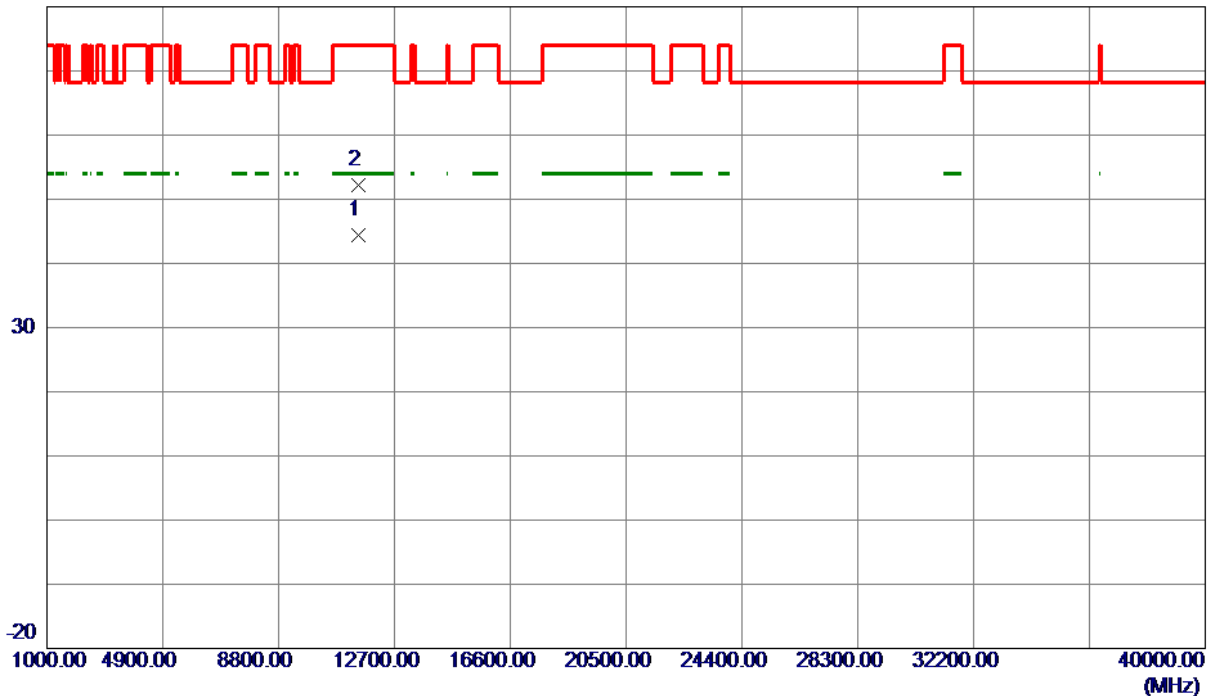
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

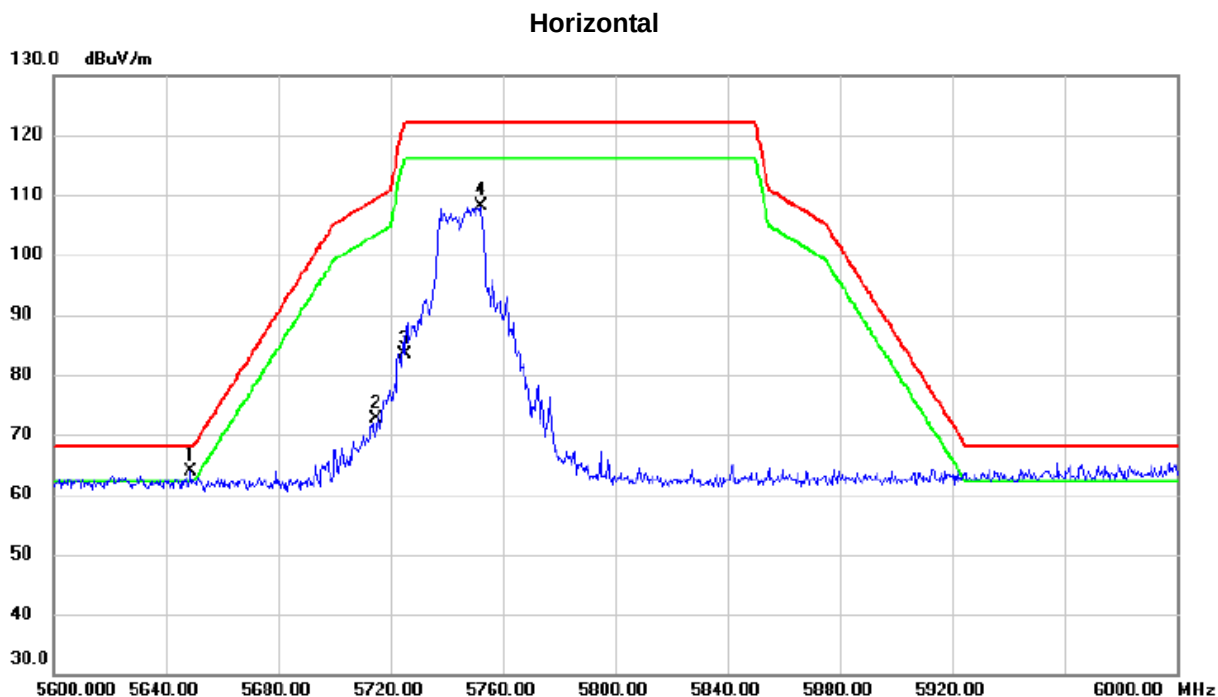


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11500.1000	42.13	2.22	44.35	54.00	-9.65	AVG	
2	11502.7000	50.03	2.22	52.25	74.00	-21.75	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5648.800	25.39	38.37	63.76	68.20	-4.44	peak	
2		5715.000	34.05	38.46	72.51	109.40	-36.89	peak	
3		5725.000	44.82	38.50	83.32	122.20	-38.88	peak	
4		5752.400	69.46	38.60	108.06	122.20	-14.14	peak	

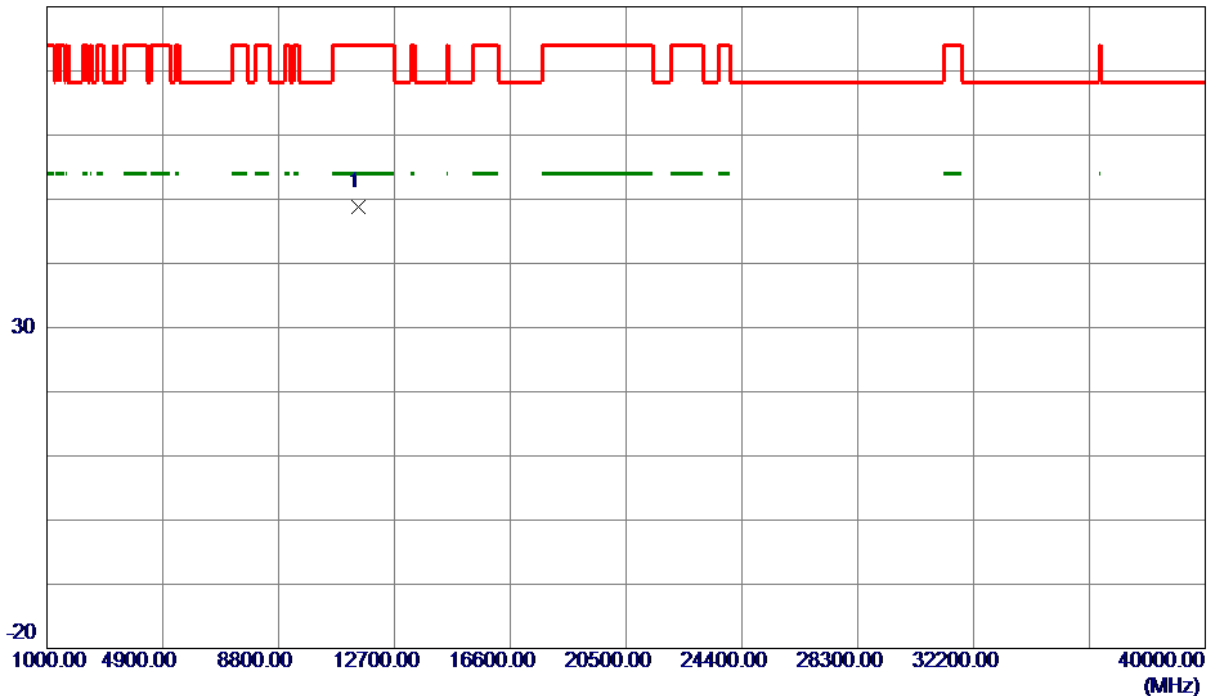
REMARKS:

- (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

80 dBuV/m

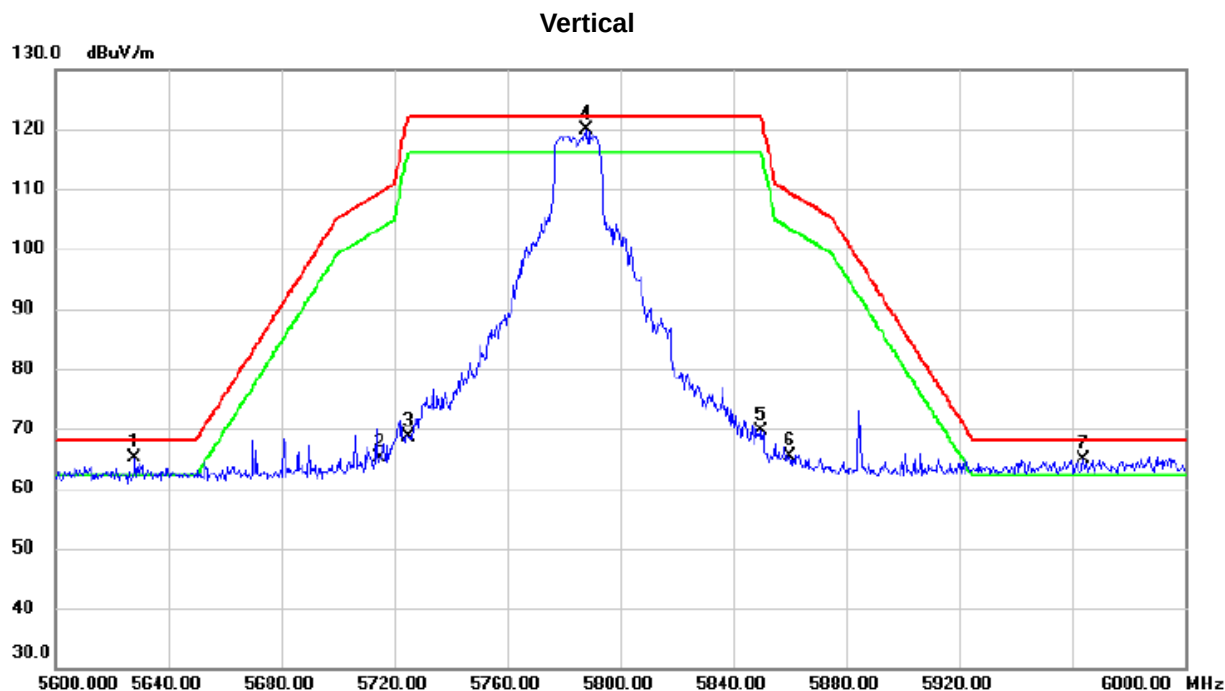


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11490.0000	46.56	2.21	48.77	74.00	-25.23	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5628.000	26.72	38.36	65.08	68.20	-3.12	peak	
2		5715.000	26.62	38.46	65.08	109.40	-44.32	peak	
3		5725.000	30.17	38.50	68.67	122.20	-53.53	peak	
4	*	5787.800	81.19	38.74	119.93	122.20	-2.27	peak	
5		5850.000	30.66	38.91	69.57	122.20	-52.63	peak	
6		5860.000	26.49	38.95	65.44	109.40	-43.96	peak	
7	!	5964.200	25.81	39.18	64.99	68.20	-3.21	peak	

REMARKS:

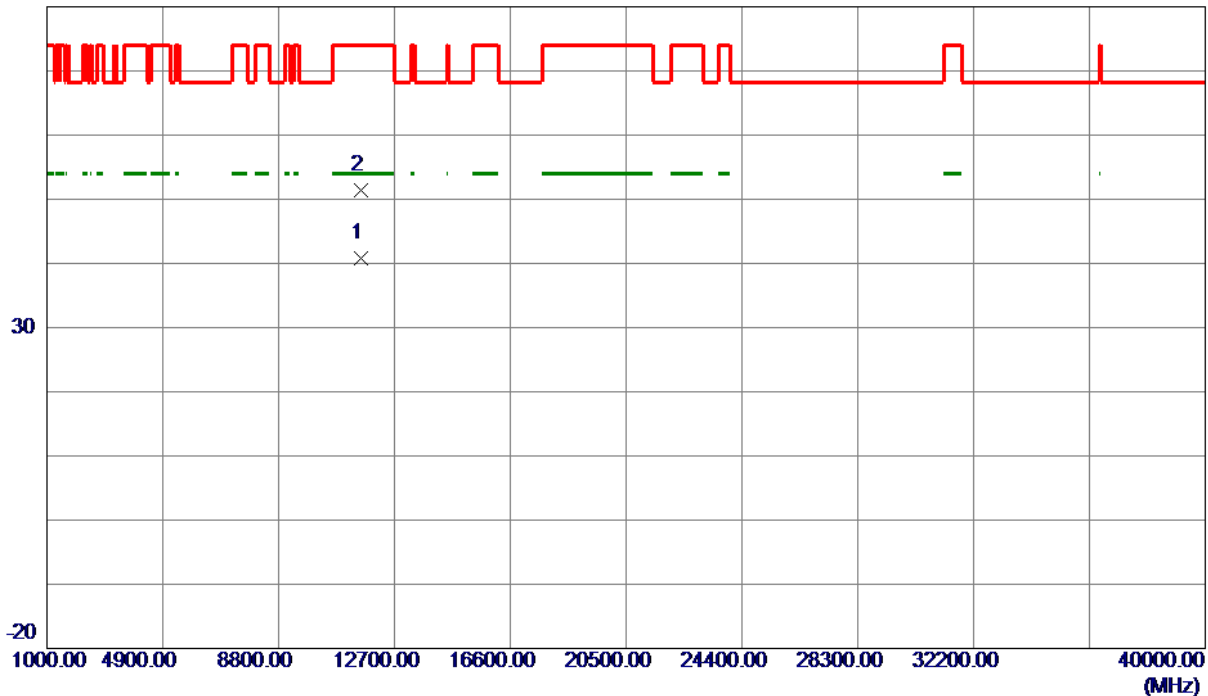
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

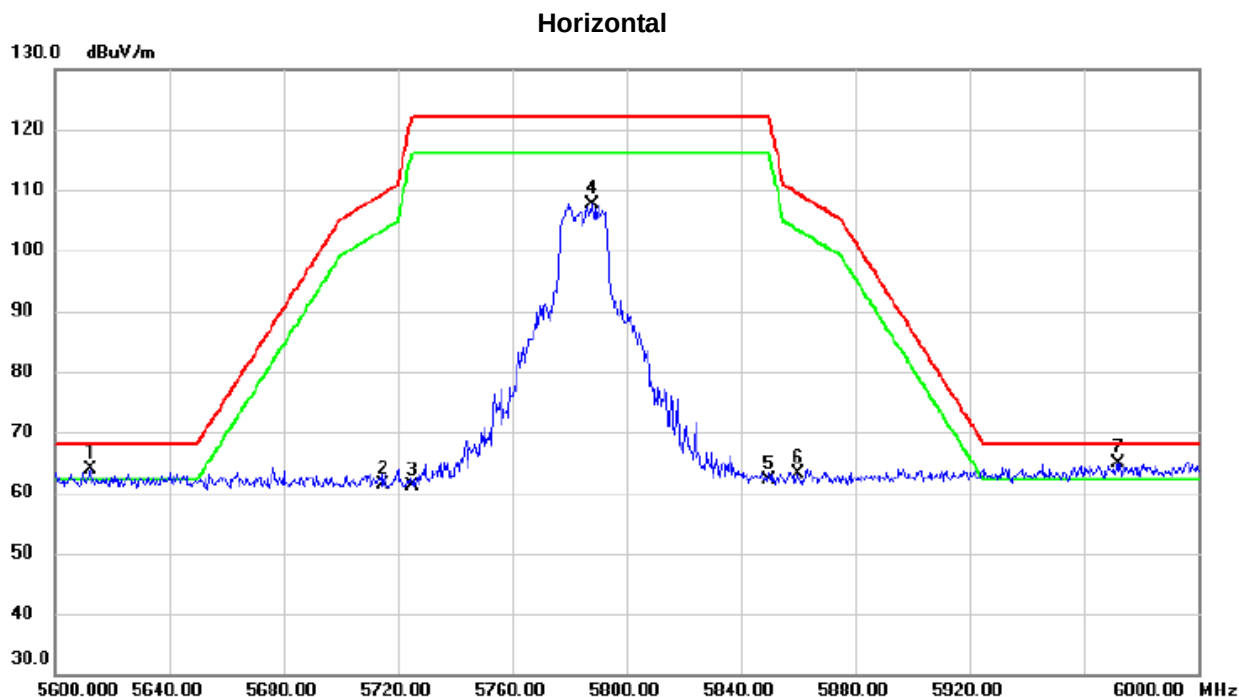


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11570.5900	38.51	2.27	40.78	54.00	-13.22	AVG	
2	11570.9500	49.09	2.28	51.37	74.00	-22.63	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5612.400	25.55	38.34	63.89	68.20	-4.31	peak	
2		5715.000	23.00	38.46	61.46	109.40	-47.94	peak	
3		5725.000	22.64	38.50	61.14	122.20	-61.06	peak	
4		5787.800	68.95	38.74	107.69	122.20	-14.51	peak	
5		5850.000	23.23	38.91	62.14	122.20	-60.06	peak	
6		5860.000	24.29	38.95	63.24	109.40	-46.16	peak	
7	*	5971.800	25.60	39.19	64.79	68.20	-3.41	peak	

REMARKS:

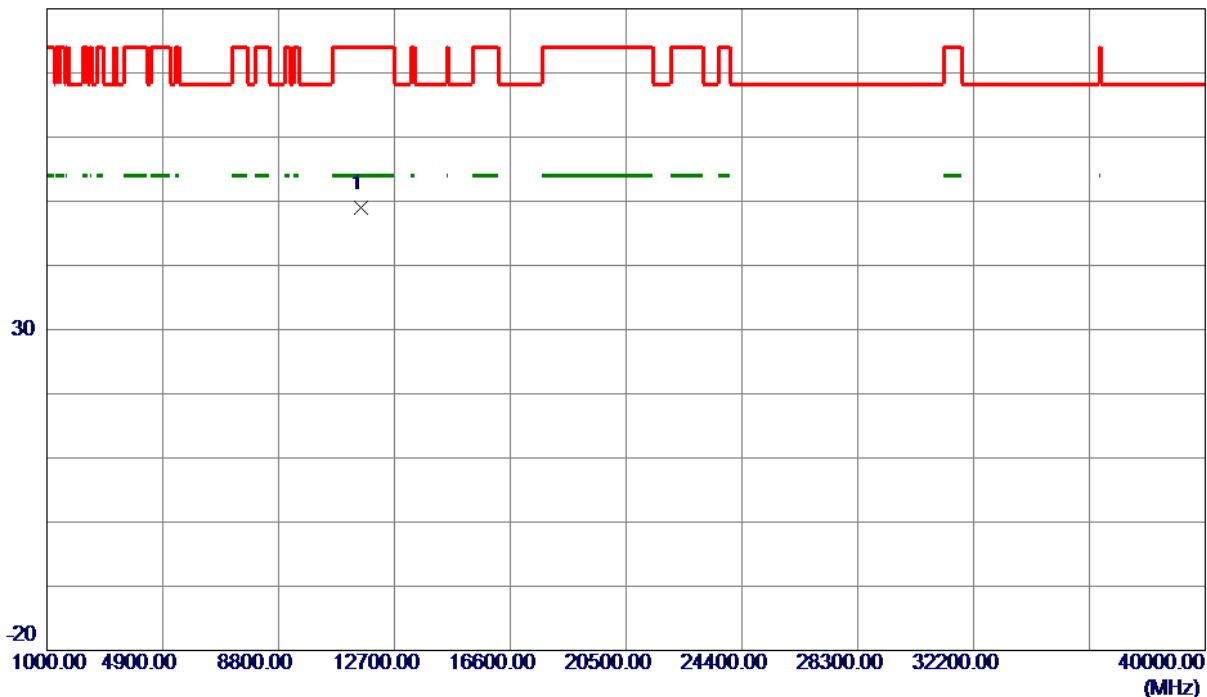
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Horizontal

80 dBuV/m

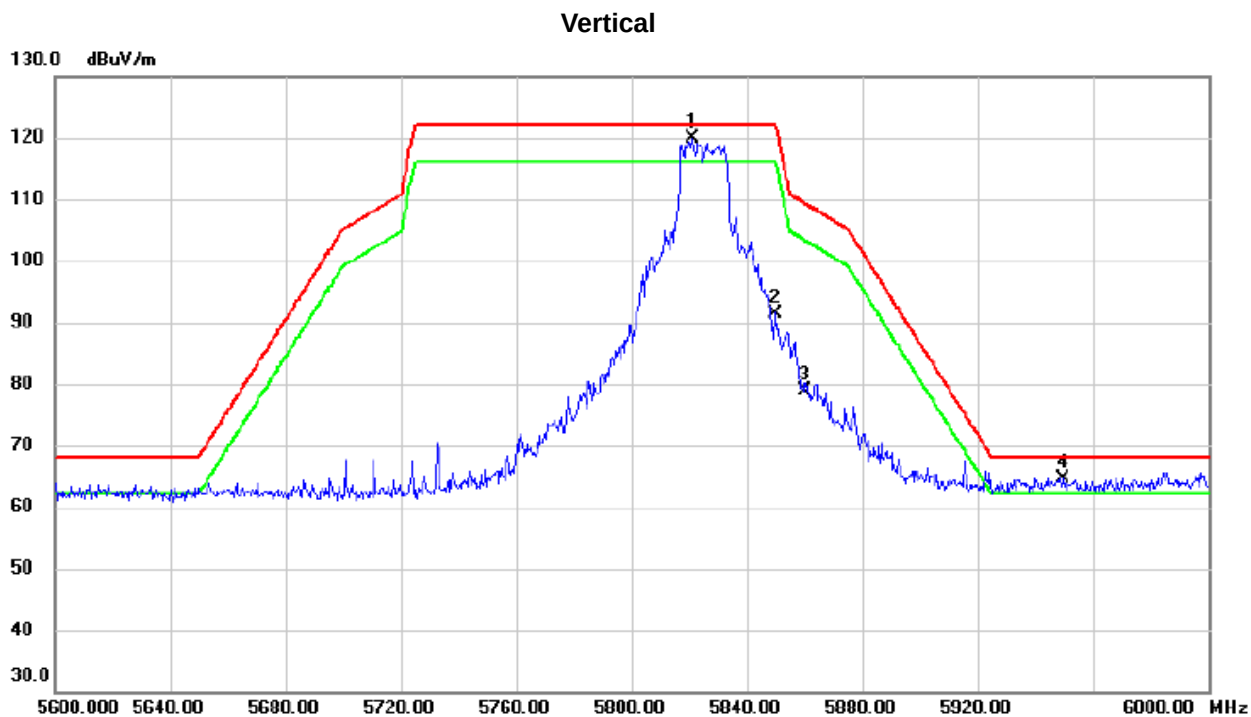


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11570.0000	46.63	2.27	48.90	74.00	-25.10	Peak	

REMARKS:

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

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



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5821.000	81.01	38.83	119.84	122.20	-2.36	peak	
2		5850.000	52.48	38.91	91.39	122.20	-30.81	peak	
3		5860.000	39.97	38.95	78.92	109.40	-30.48	peak	
4	!	5949.600	25.58	39.14	64.72	68.20	-3.48	peak	

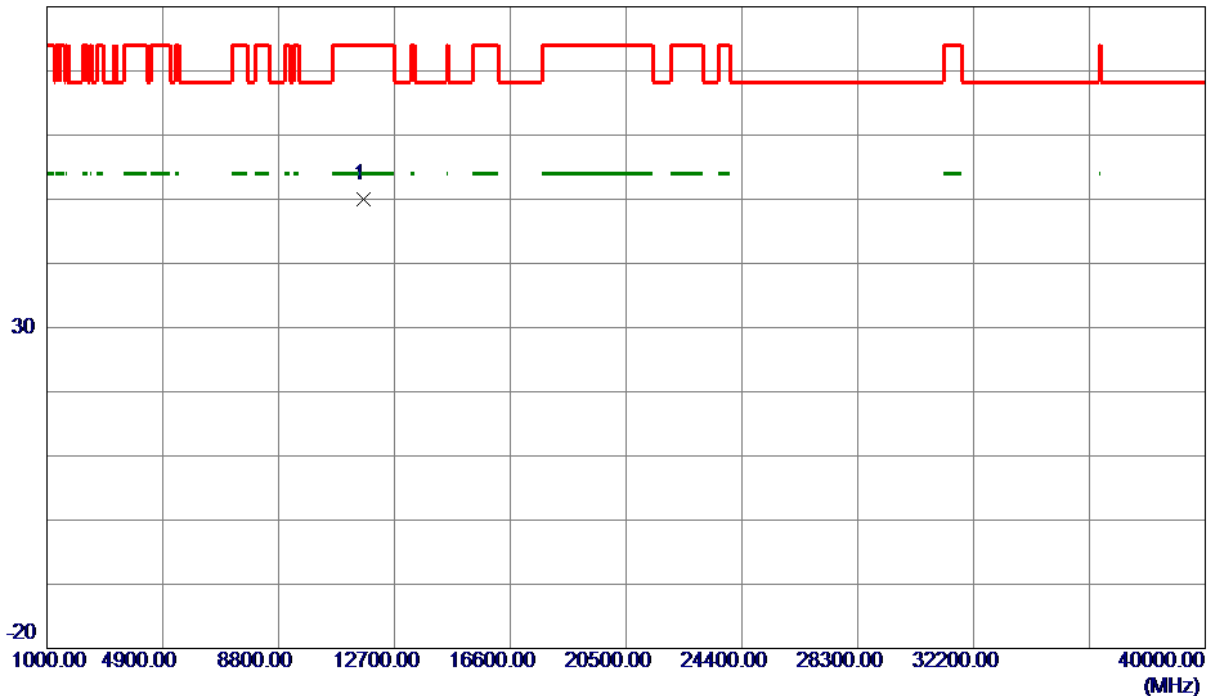
REMARKS:

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

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

Vertical

80 dBuV/m

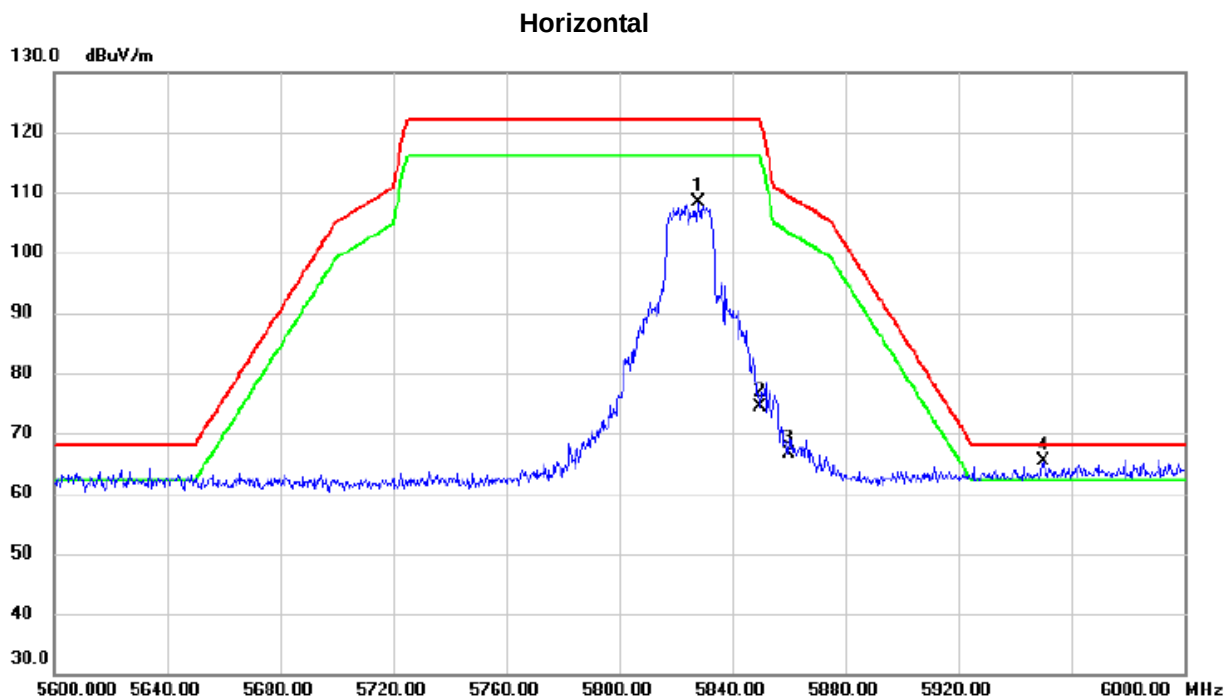


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11641.1500	47.92	2.14	50.06	74.00	-23.94	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5827.800	69.52	38.85	108.37	122.20	-13.83	peak	
2		5850.000	35.52	38.91	74.43	122.20	-47.77	peak	
3		5860.000	27.77	38.95	66.72	109.40	-42.68	peak	
4	*	5950.000	26.12	39.15	65.27	68.20	-2.93	peak	

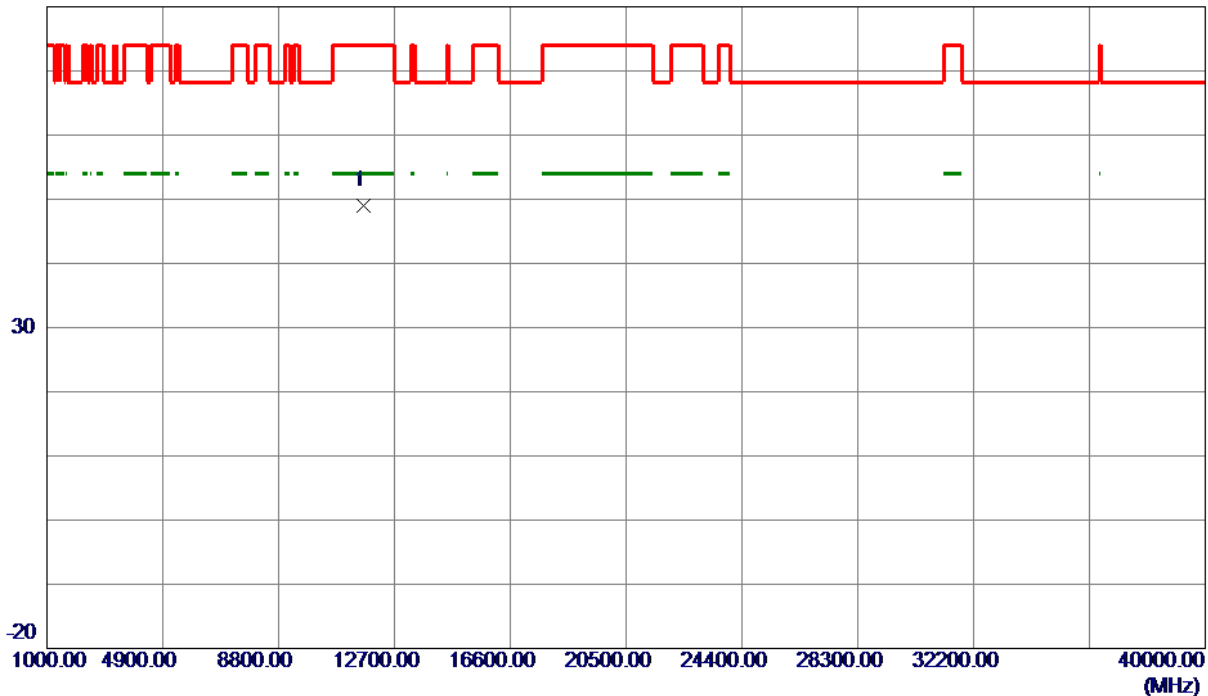
REMARKS:

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

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

Horizontal

80 dBuV/m

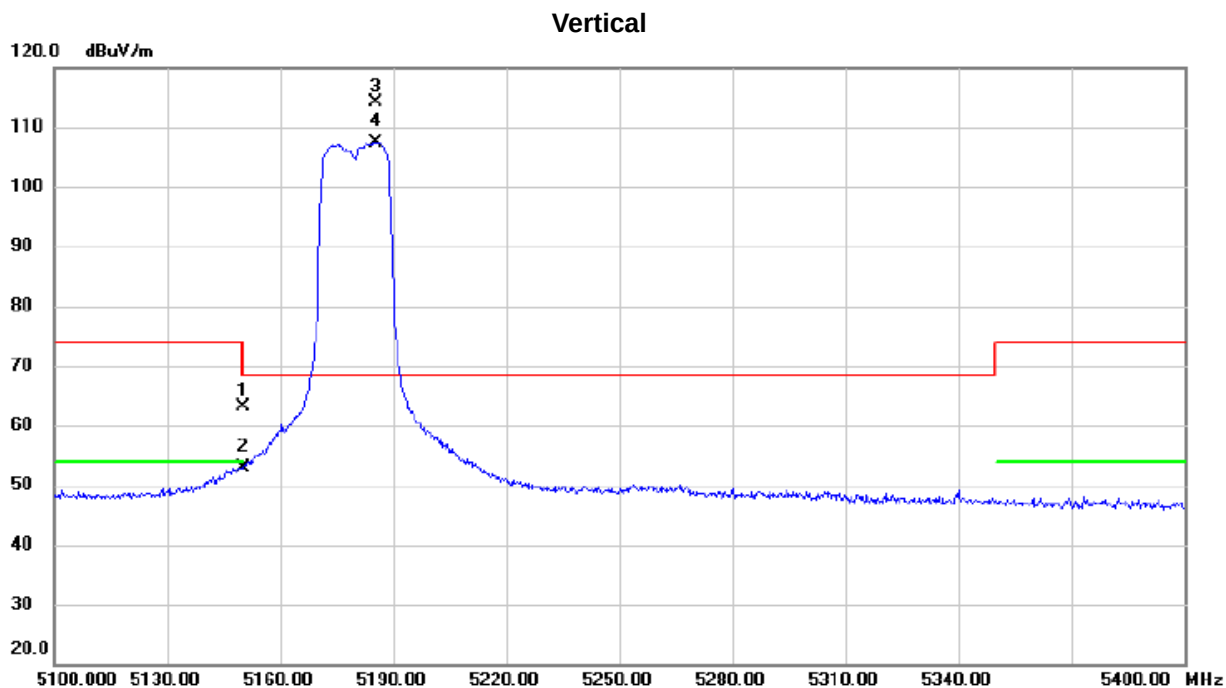


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11640.0000	46.78	2.14	48.92	74.00	-25.08	Peak	

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



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	25.24	37.88	63.12	74.00	-10.88	peak	
2		5150.000	15.11	37.88	52.99	54.00	-1.01	AVG	
3	*	5185.350	76.30	37.74	114.04	68.30	45.74	peak	
4	X	5185.350	69.72	37.74	107.46	68.30	39.16	AVG	

REMARKS:

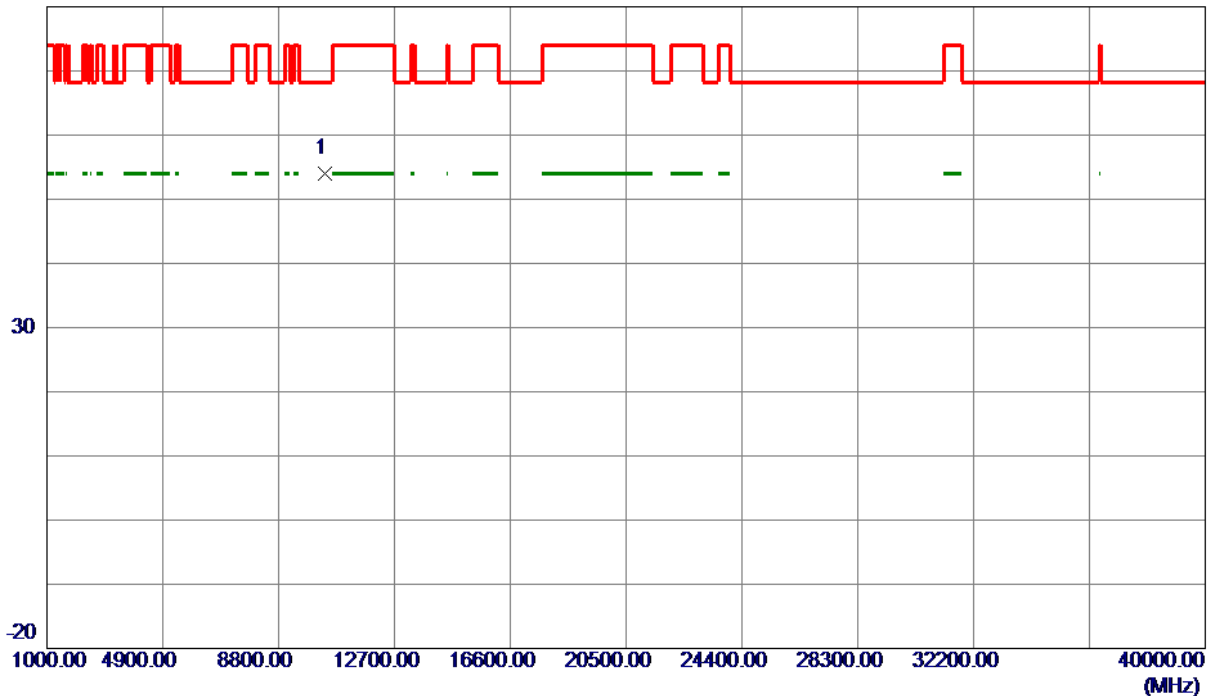
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

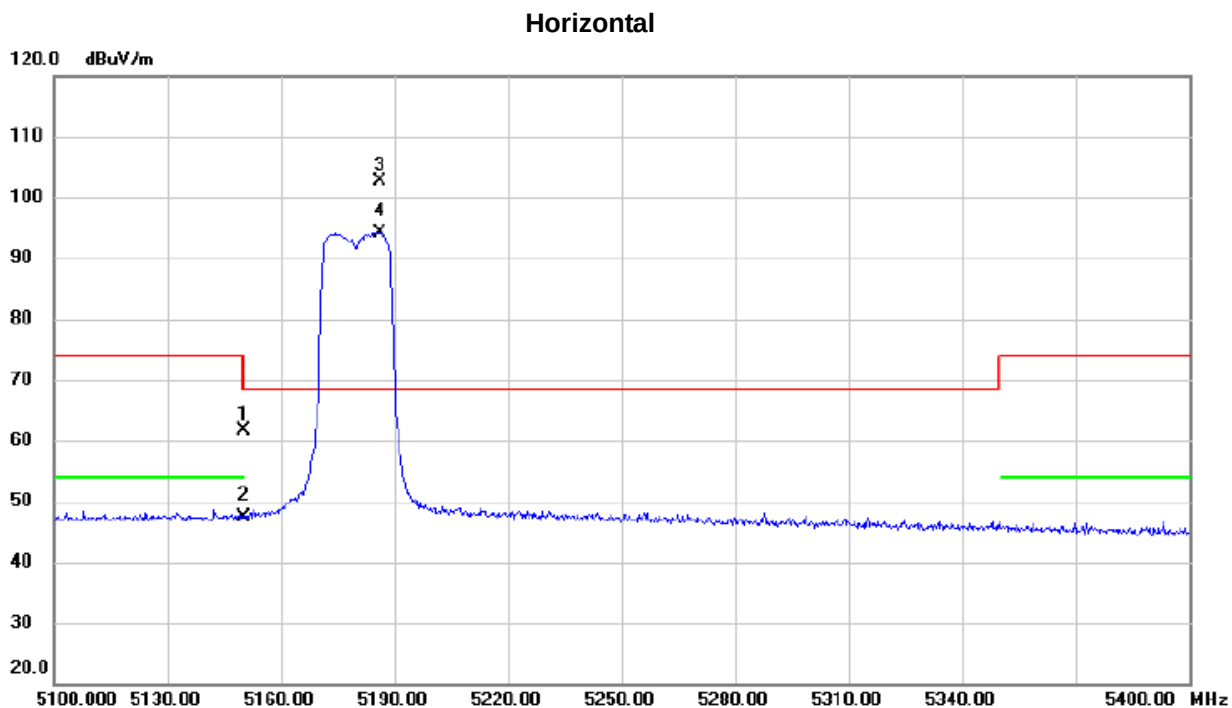


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10360.0000	52.44	1.65	54.09	68.30	-14.21	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.67	37.88	61.55	74.00	-12.45	peak	
2		5150.000	9.48	37.88	47.36	54.00	-6.64	AVG	
3	*	5186.250	64.90	37.73	102.63	68.30	34.33	peak	
4	X	5186.250	56.50	37.73	94.23	68.30	25.93	AVG	

REMARKS:

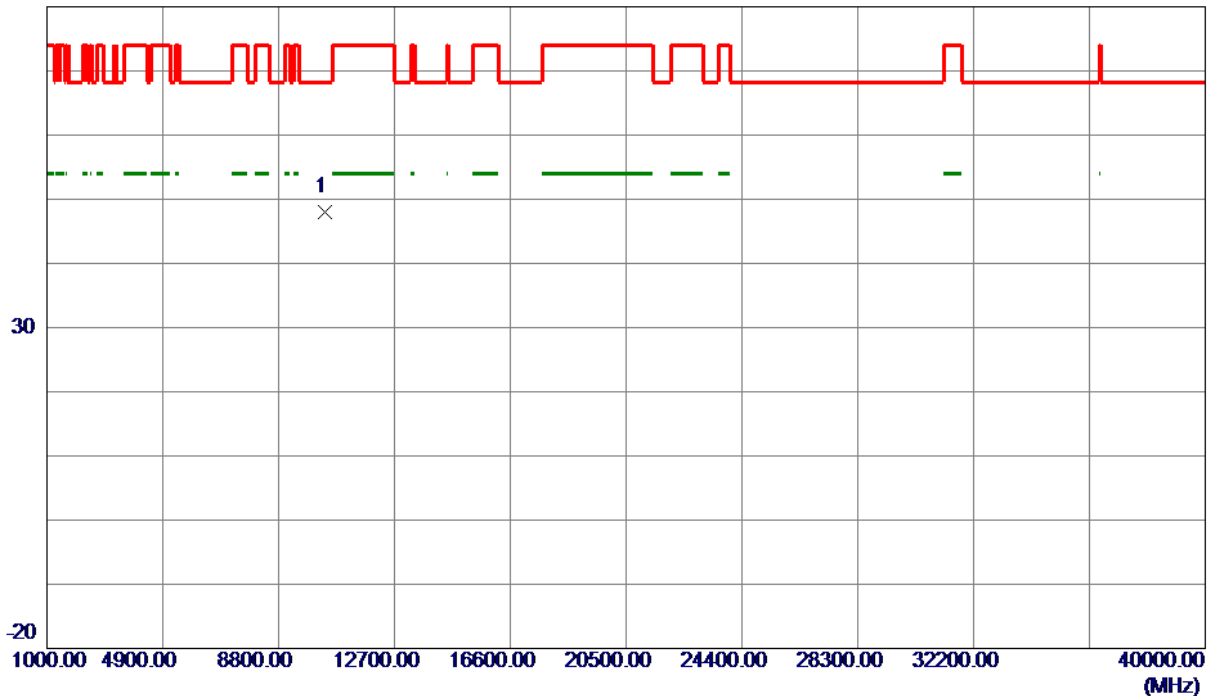
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Horizontal

80 dBuV/m

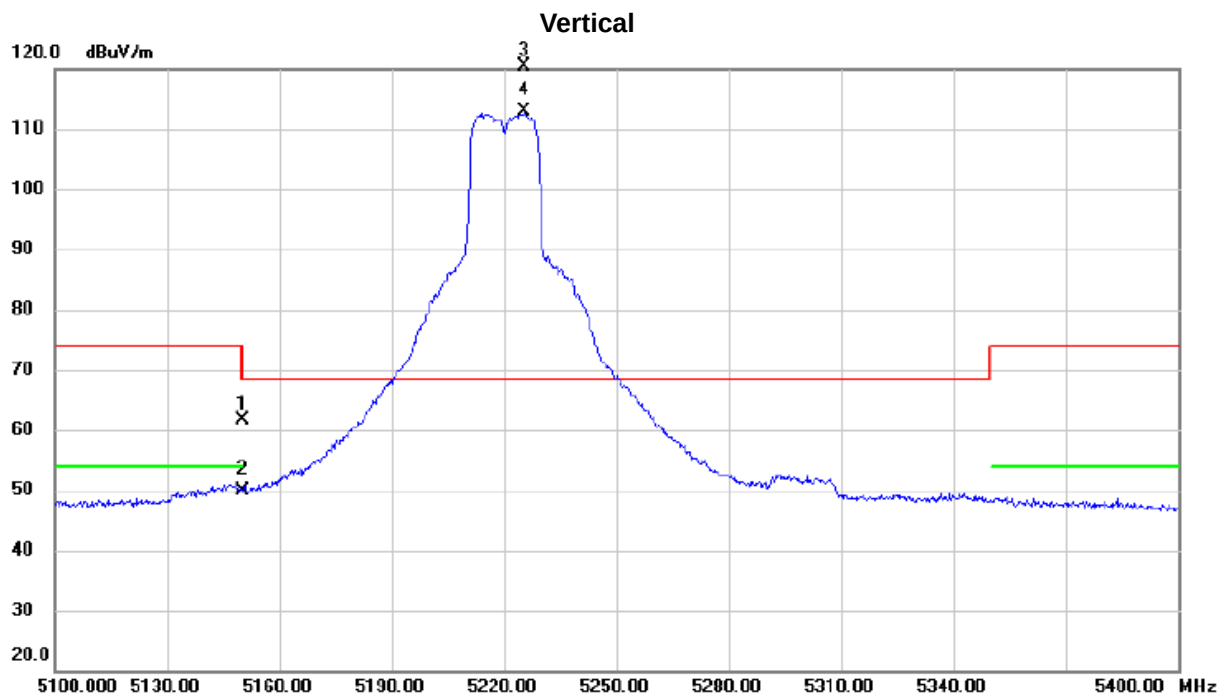


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10367.8000	46.37	1.66	48.03	68.30	-20.27	Peak	

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 5220 MHz



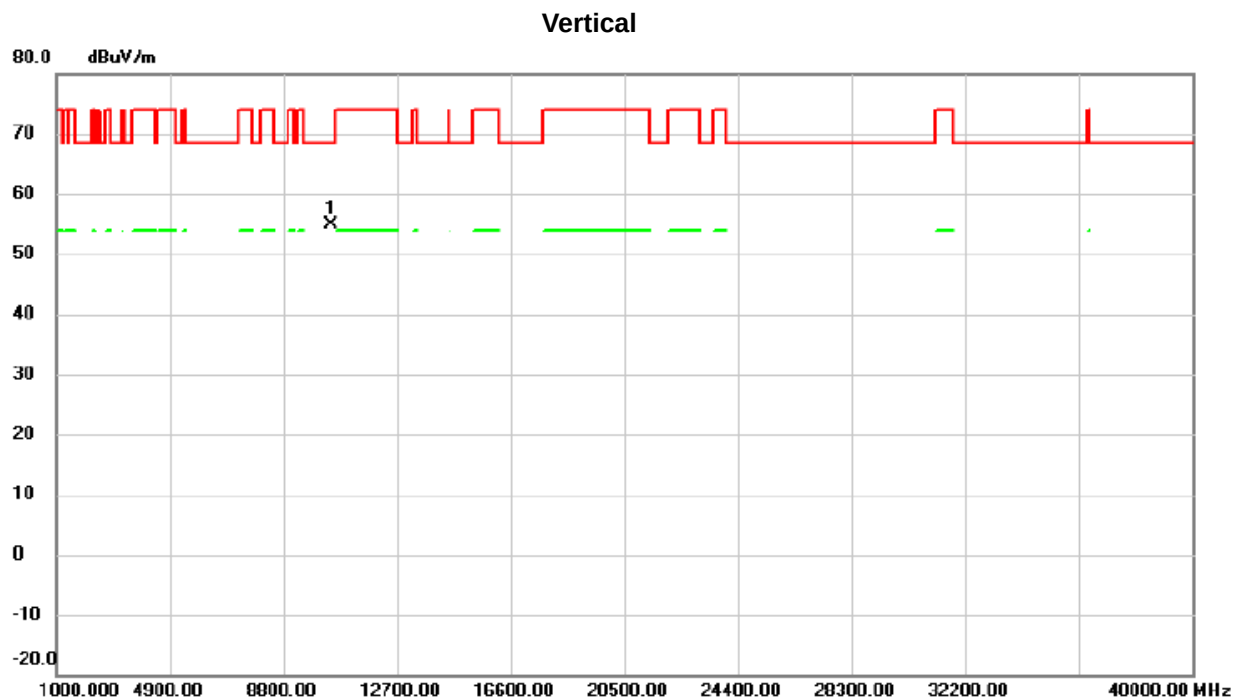
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.63	37.88	61.51	74.00	-12.49	peak	
2		5150.000	12.04	37.88	49.92	54.00	-4.08	AVG	
3	*	5225.550	82.65	37.64	120.29	68.30	51.99	peak	
4	X	5225.550	75.16	37.64	112.80	68.30	44.50	AVG	

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 5220 MHz

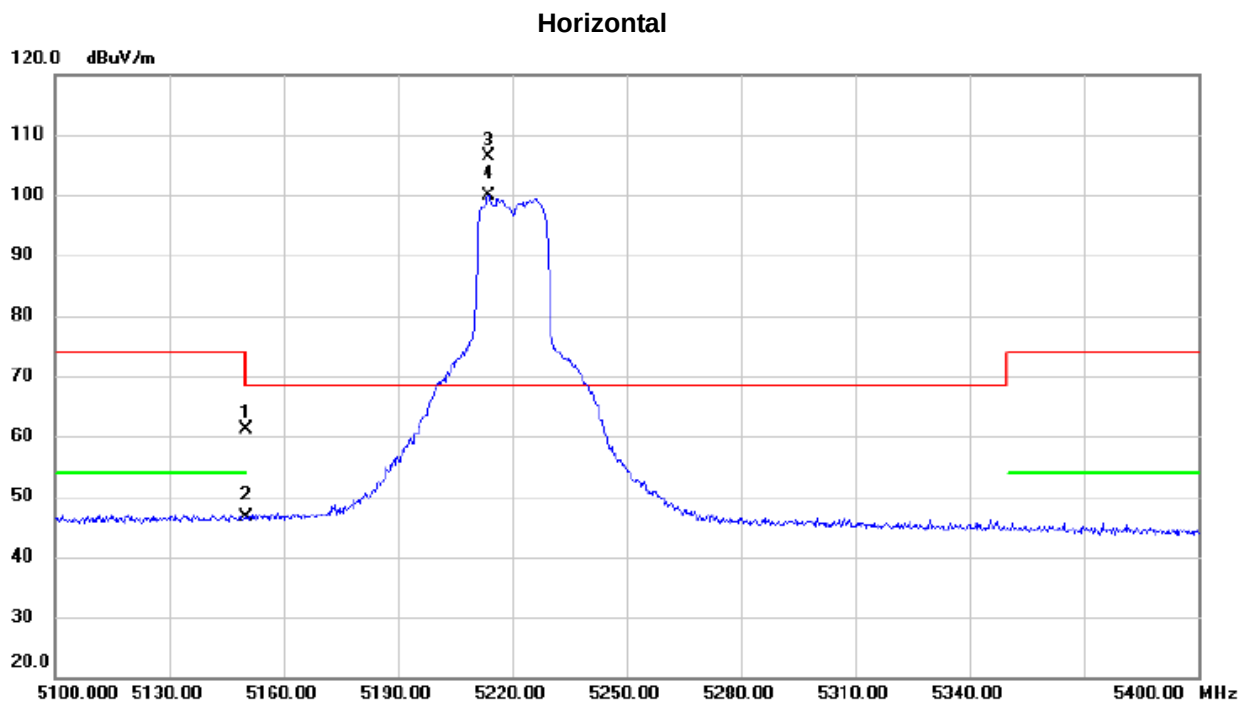


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10439.95	53.23	1.76	54.99	68.30	-13.31	peak	

REMARKS:

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

Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5220 MHz



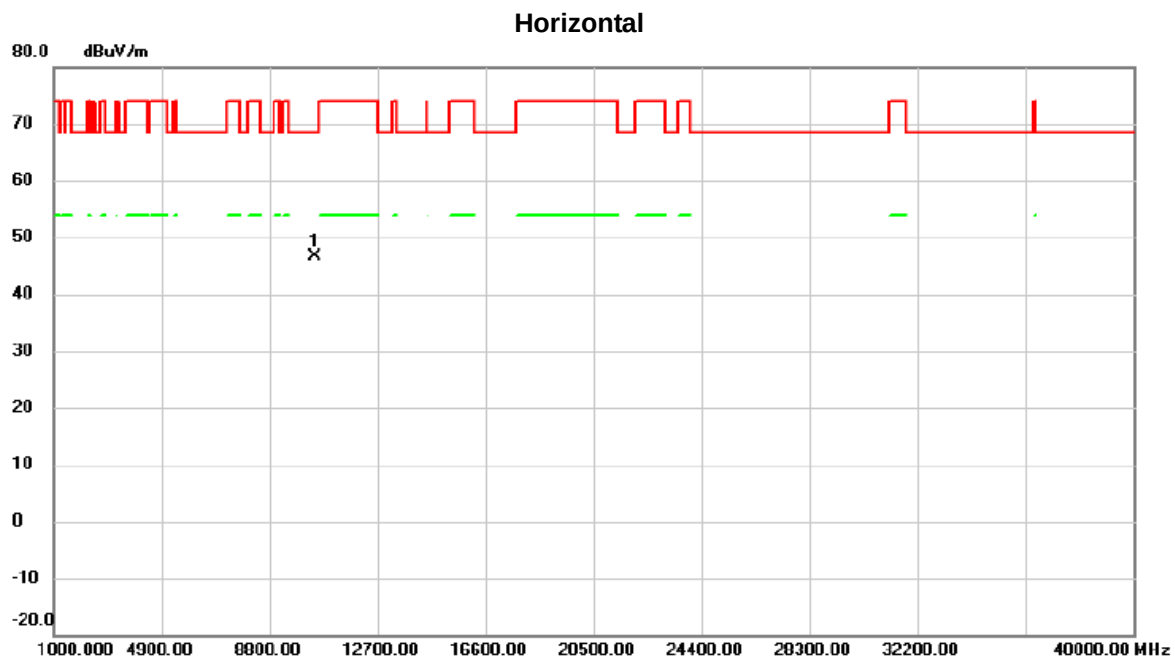
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.32	37.88	61.20	74.00	-12.80	peak	
2		5150.000	8.84	37.88	46.72	54.00	-7.28	AVG	
3	*	5213.850	68.81	37.66	106.47	68.30	38.17	peak	
4	X	5213.850	62.17	37.66	99.83	68.30	31.53	AVG	

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 5220 MHz

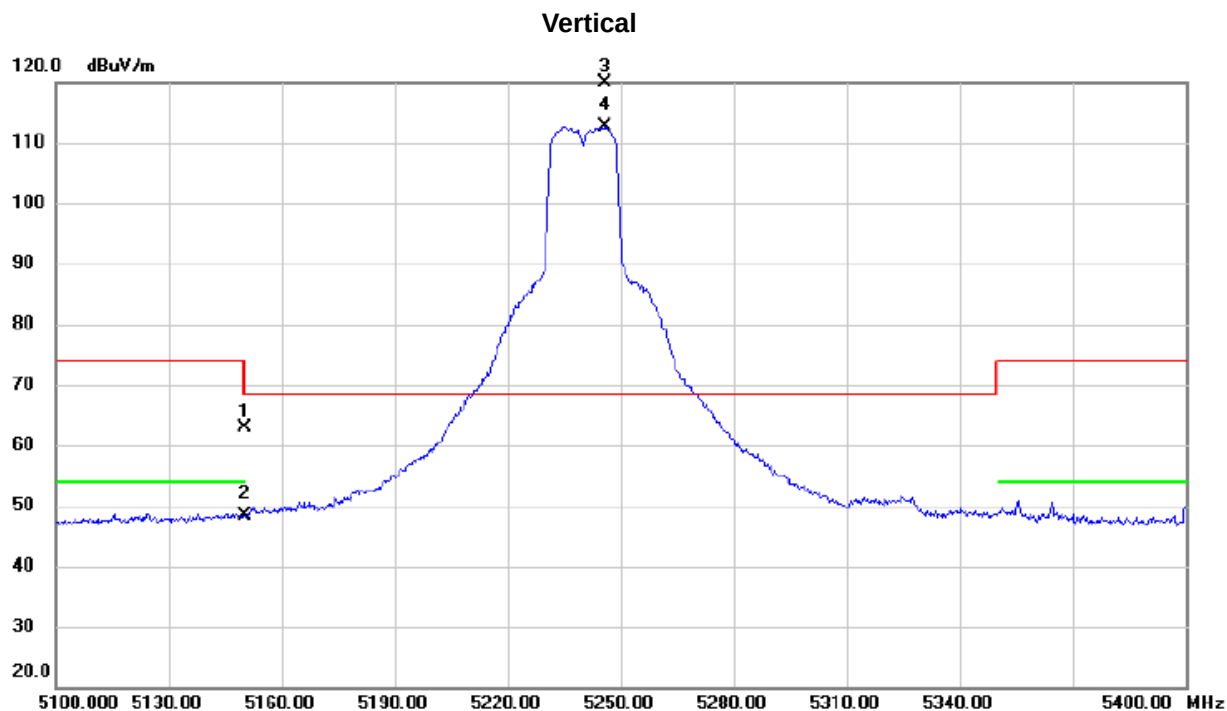


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10440.00	44.75	1.76	46.51	68.30	-21.79	peak	

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



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.88	37.88	62.76	74.00	-11.24	peak	
2		5150.000	10.42	37.88	48.30	54.00	-5.70	AVG	
3	*	5245.800	82.19	37.61	119.80	68.30	51.50	peak	
4	X	5245.800	74.97	37.61	112.58	68.30	44.28	AVG	

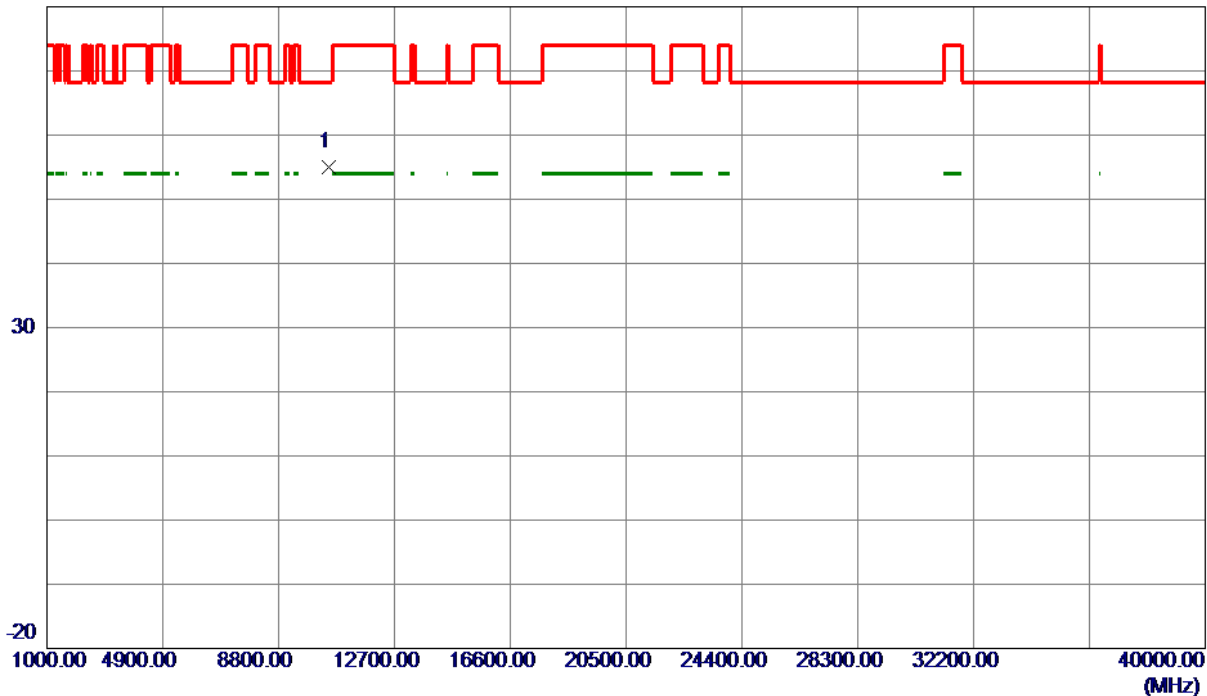
REMARKS:

- (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

80 dBuV/m

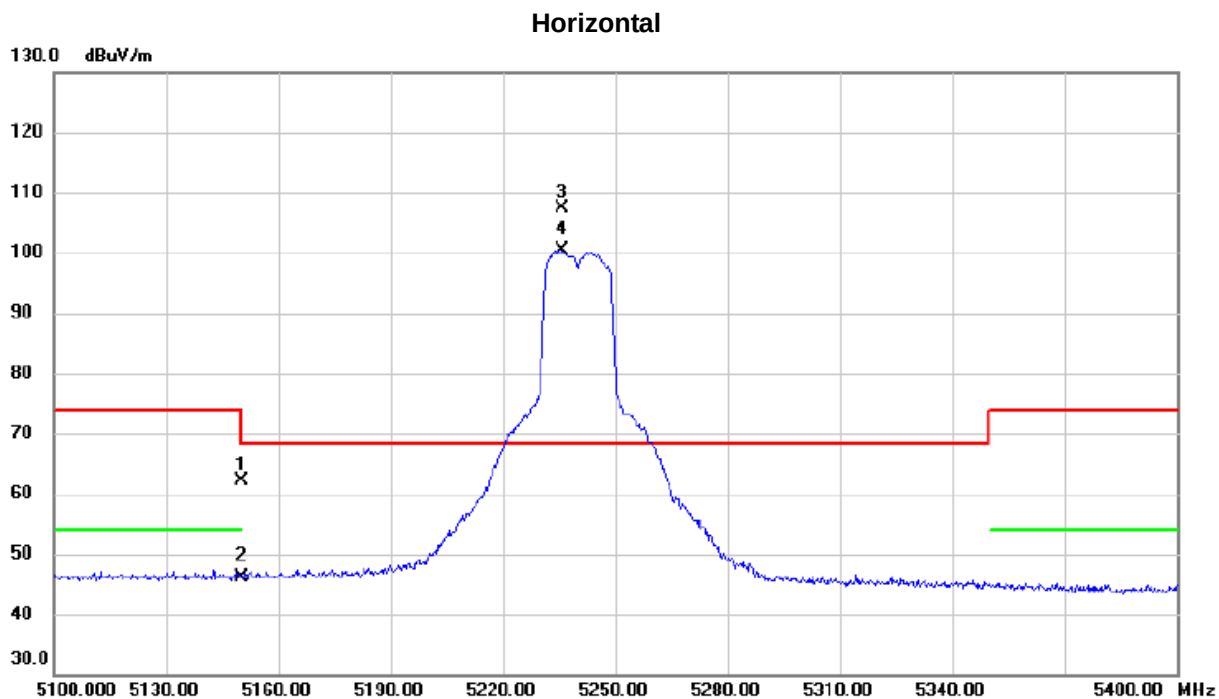


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10478.9500	53.28	1.80	55.08	68.30	-13.22	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	24.36	37.88	62.24	74.00	-11.76	peak	
2		5150.000	8.37	37.88	46.25	54.00	-7.75	AVG	
3	*	5235.900	69.81	37.62	107.43	68.30	39.13	peak	
4	X	5235.900	62.72	37.62	100.34	68.30	32.04	AVG	

REMARKS:

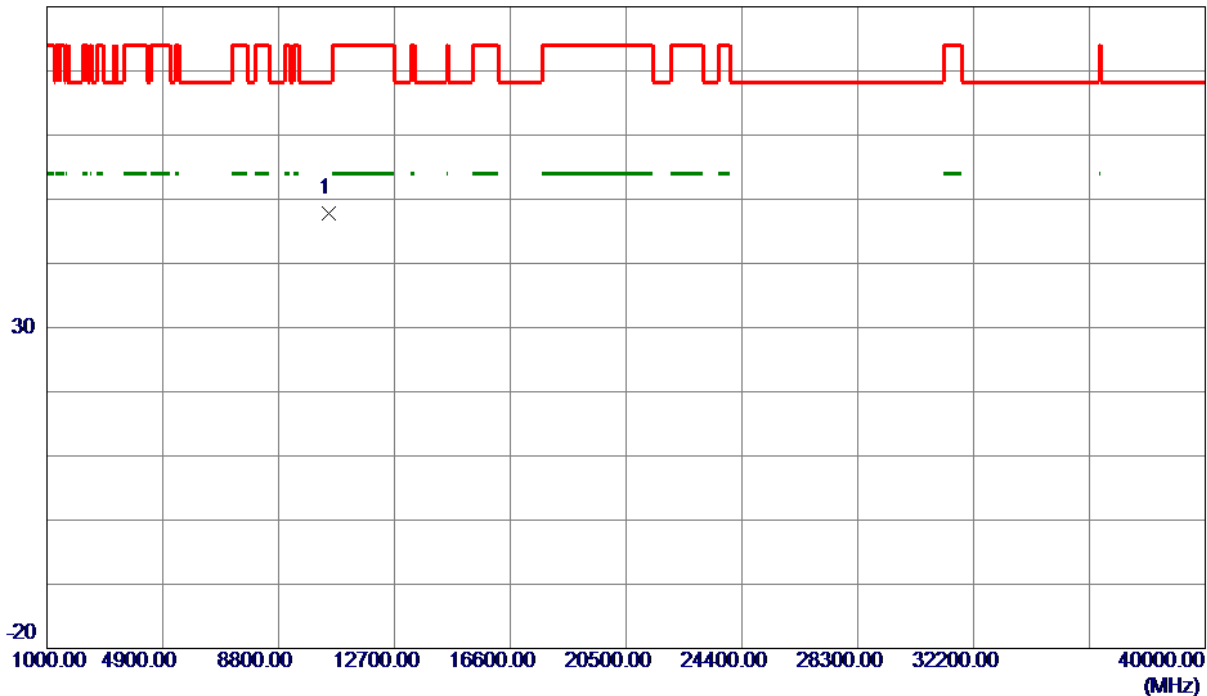
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Horizontal

80 dBuV/m

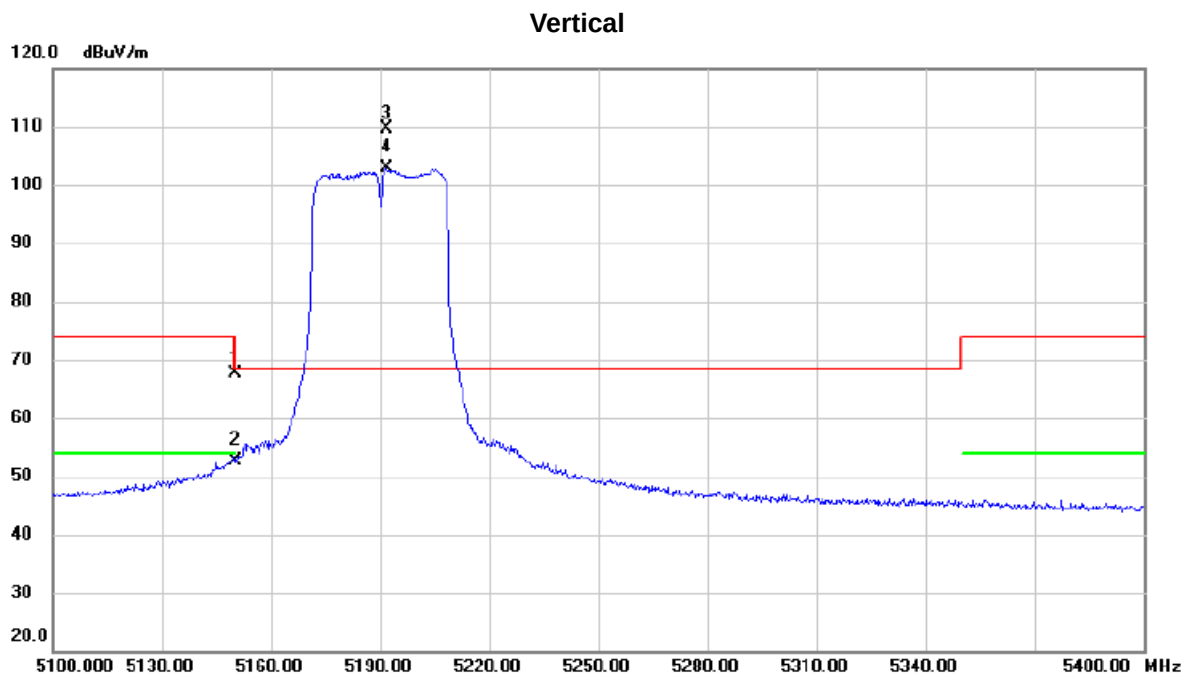


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10480.0000	46.04	1.80	47.84	68.30	-20.46	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	29.65	37.88	67.53	74.00	-6.47	peak	
2		5150.000	14.80	37.88	52.68	54.00	-1.32	AVG	
3	*	5191.650	71.85	37.71	109.56	68.30	41.26	peak	
4	X	5191.650	65.13	37.71	102.84	68.30	34.54	AVG	

REMARKS:

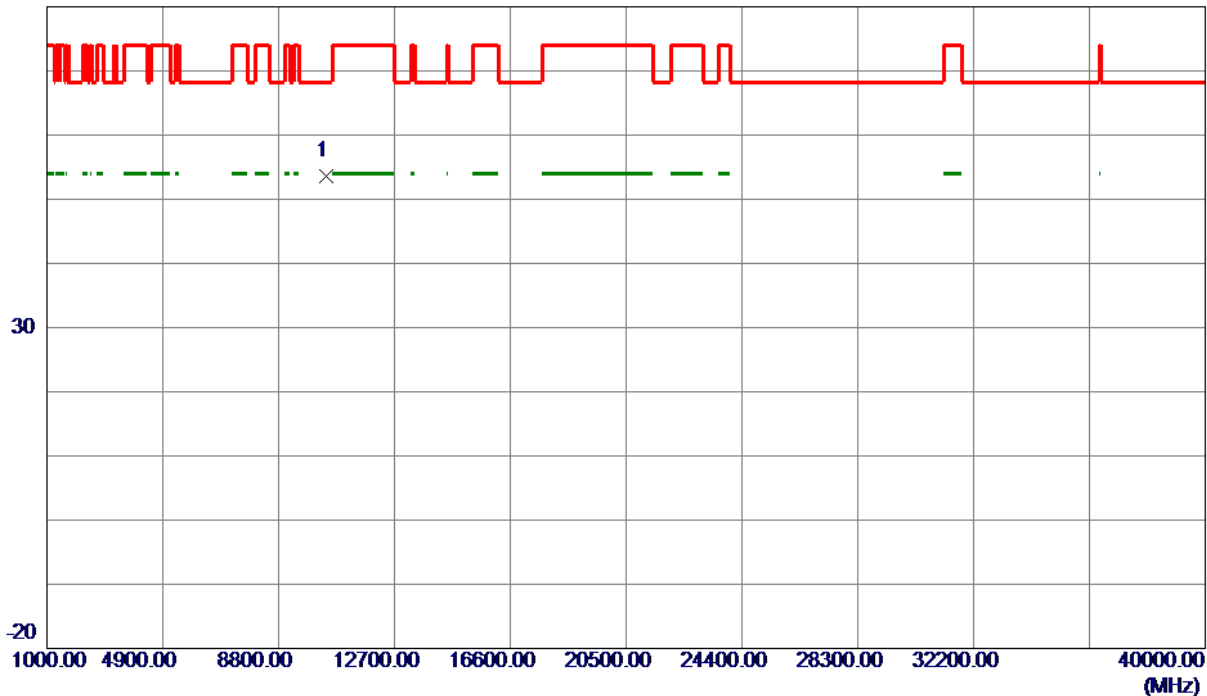
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

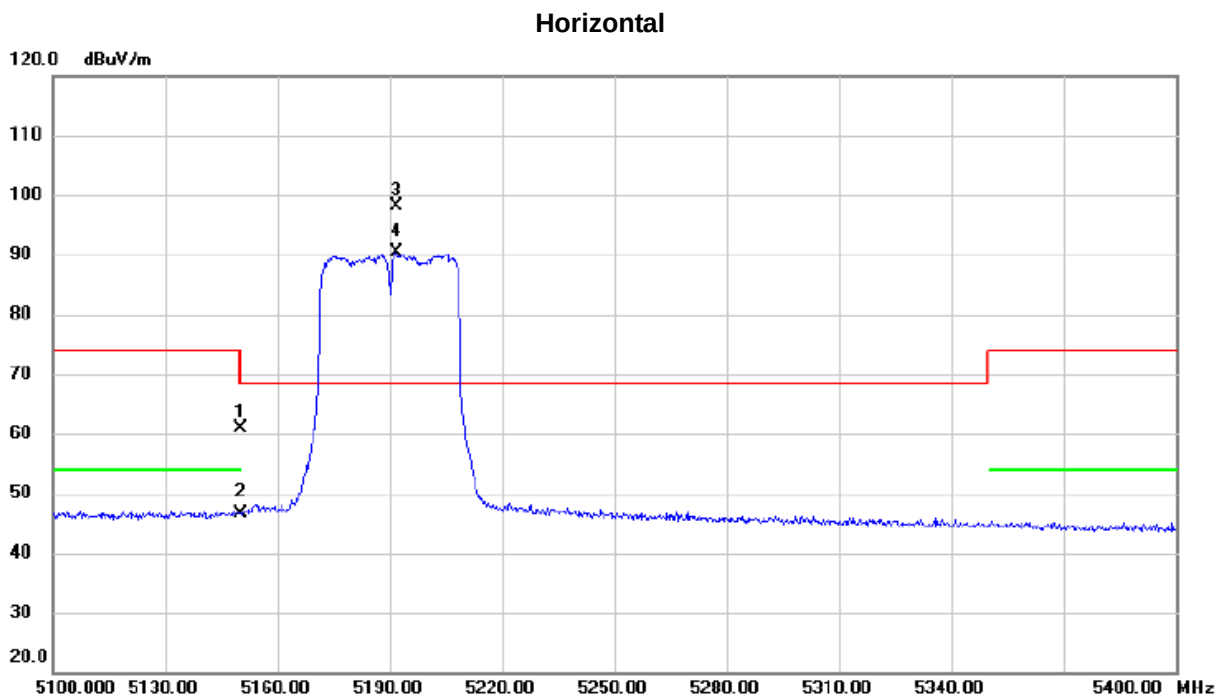


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10399.0000	51.91	1.72	53.63	68.30	-14.67	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	22.95	37.88	60.83	74.00	-13.17	peak	
2		5150.000	8.70	37.88	46.58	54.00	-7.42	AVG	
3	*	5191.800	60.34	37.71	98.05	68.30	29.75	peak	
4	X	5191.800	52.74	37.71	90.45	68.30	22.15	AVG	

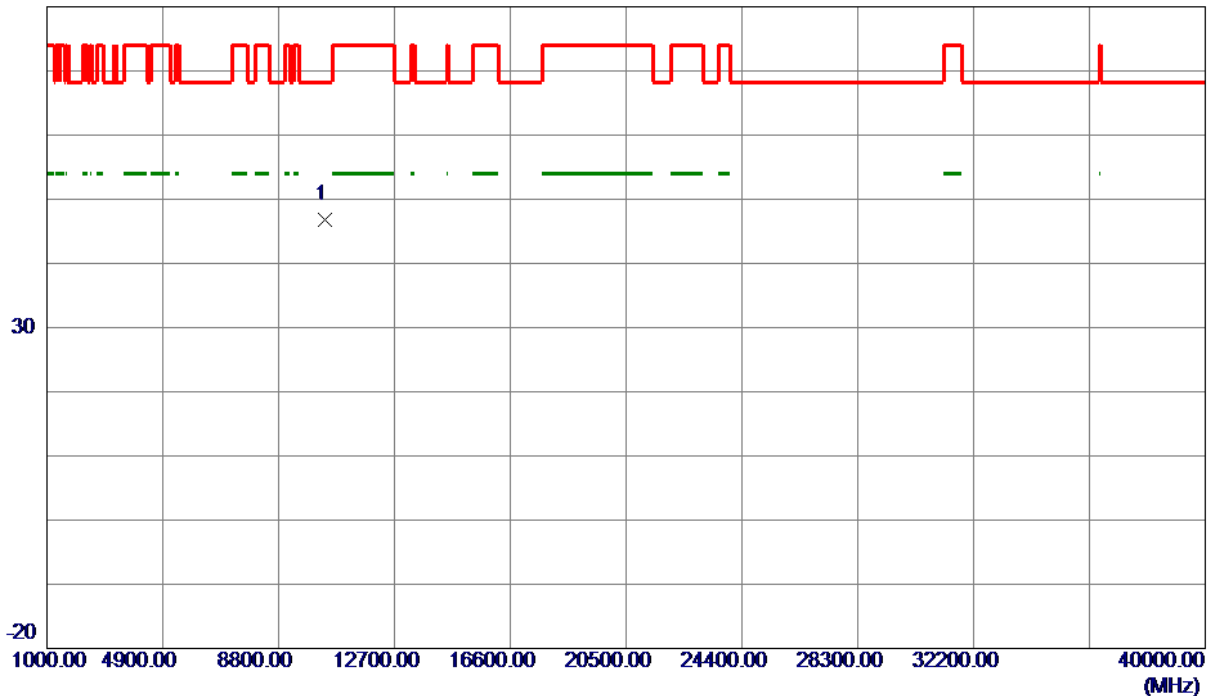
REMARKS:

- (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

80 dBuV/m

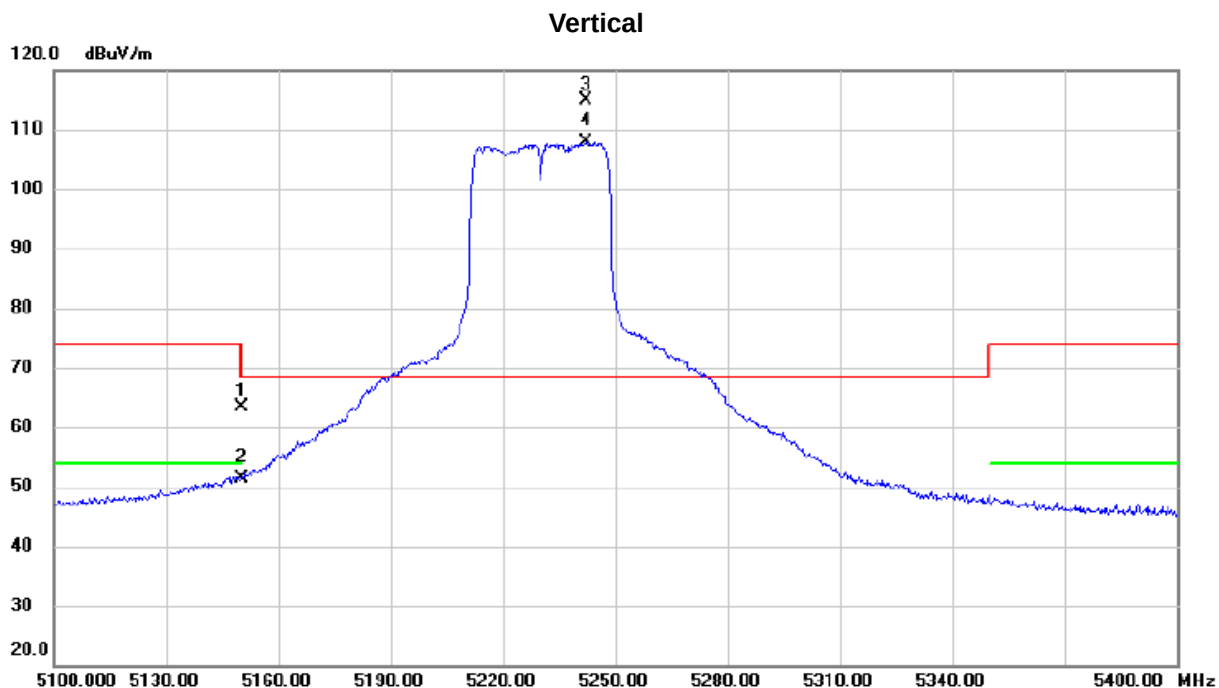


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10380.0000	45.20	1.68	46.88	68.30	-21.42	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	25.39	37.88	63.27	74.00	-10.73	peak	
2		5150.000	13.50	37.88	51.38	54.00	-2.62	AVG	
3	*	5242.200	77.25	37.62	114.87	68.30	46.57	peak	
4	X	5242.200	70.17	37.62	107.79	68.30	39.49	AVG	

REMARKS:

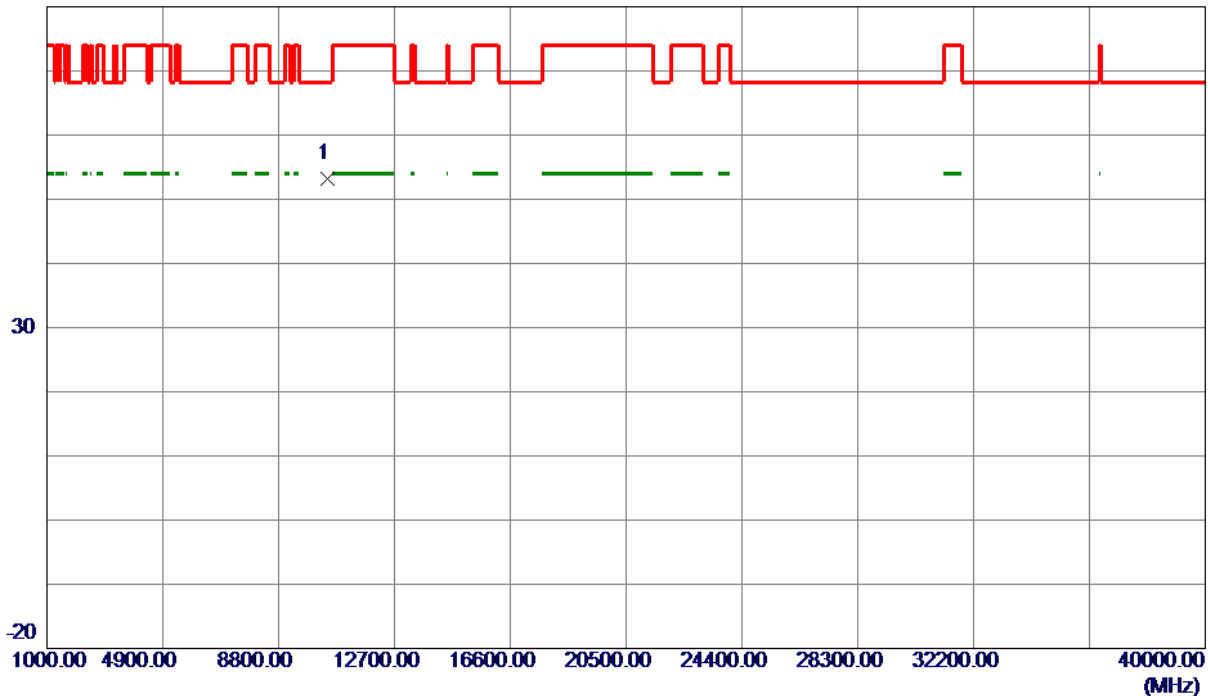
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

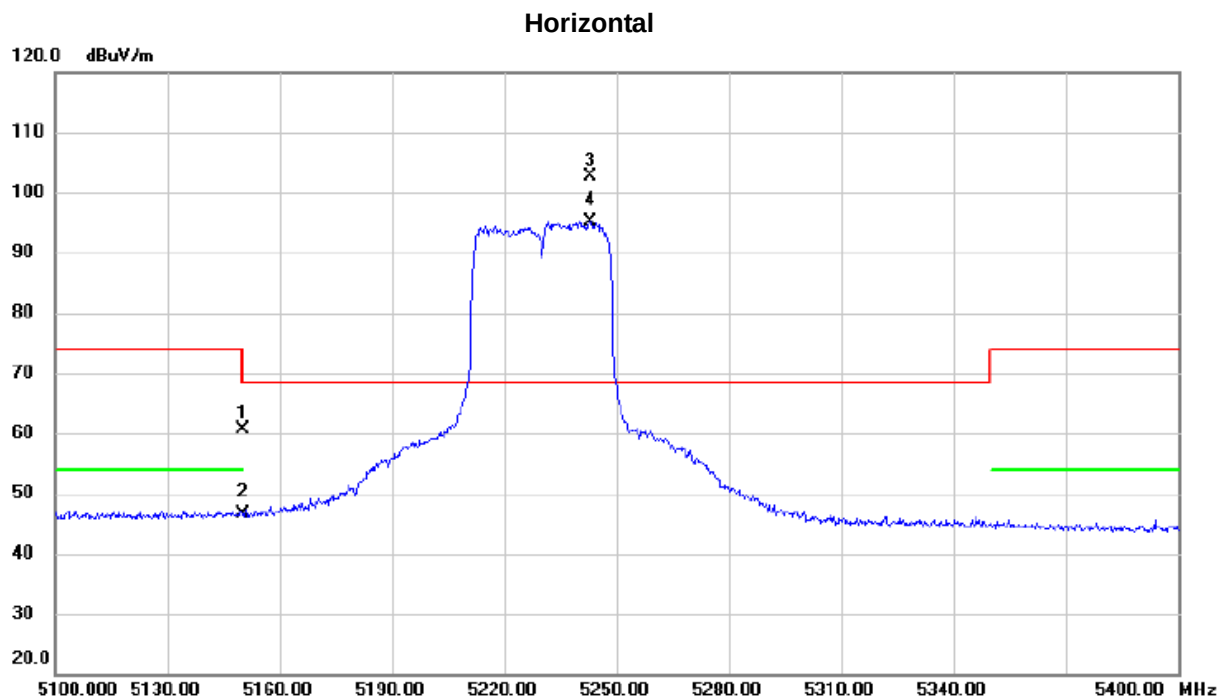


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10453.6000	51.50	1.77	53.27	68.30	-15.03	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	22.81	37.88	60.69	74.00	-13.31	peak	
2		5150.000	8.78	37.88	46.66	54.00	-7.34	AVG	
3	*	5242.800	65.00	37.62	102.62	68.30	34.32	peak	
4	X	5242.800	57.47	37.62	95.09	68.30	26.79	AVG	

REMARKS:

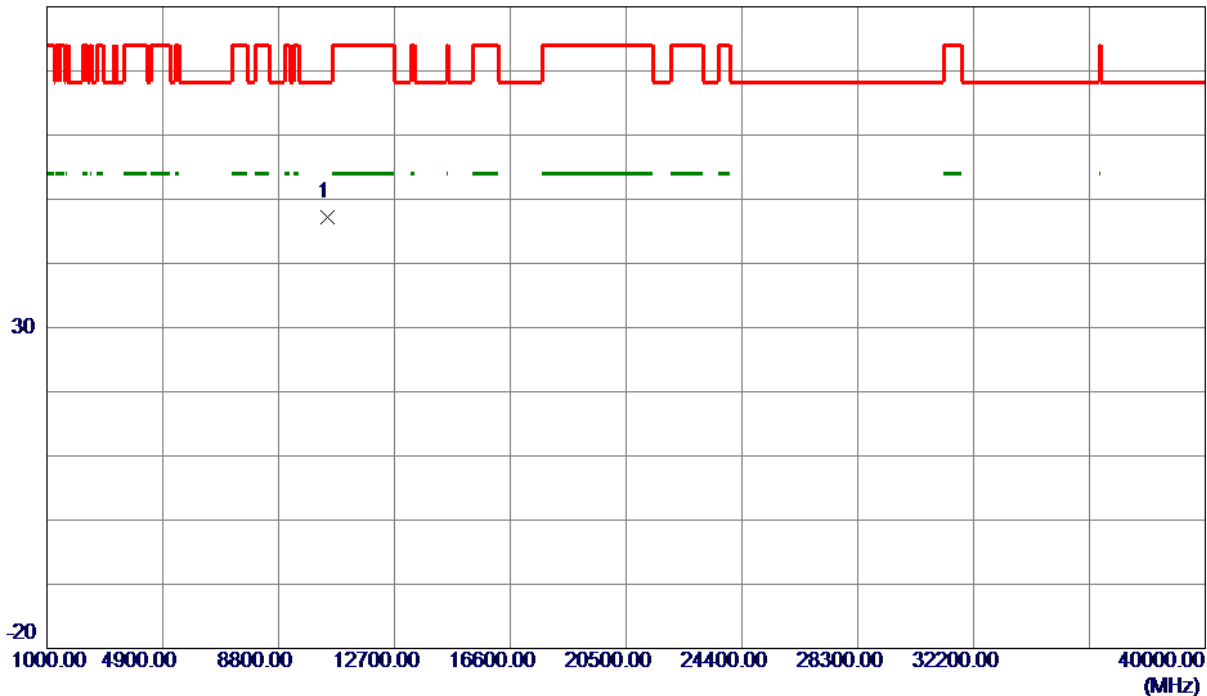
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Horizontal

80 dBuV/m

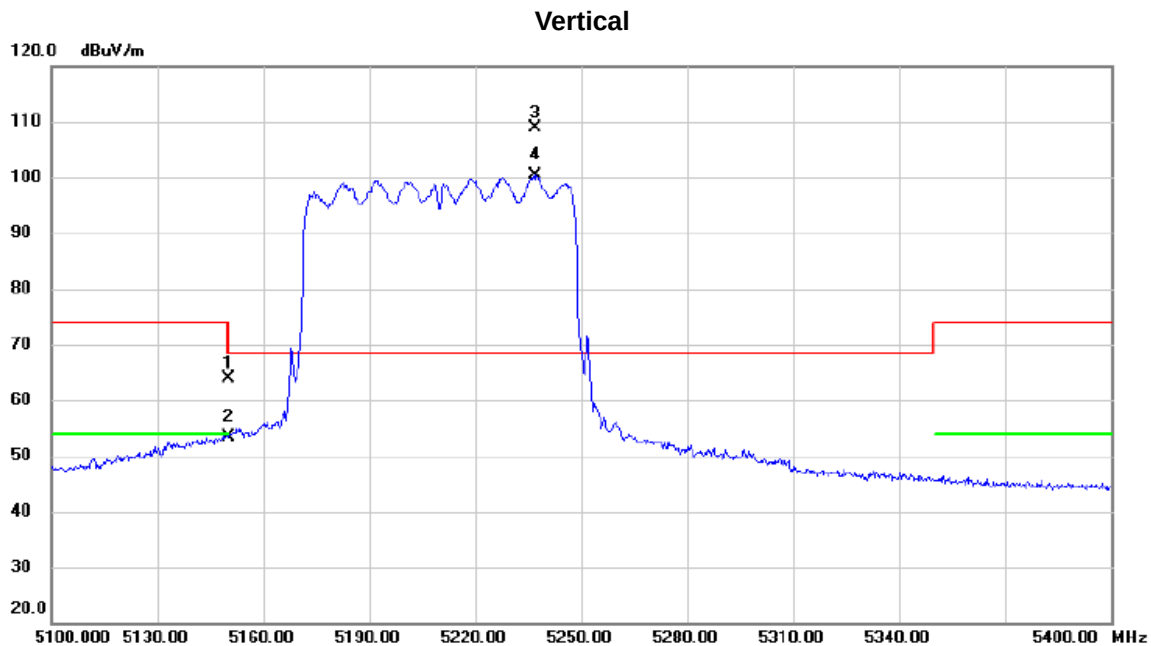


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10460.0000	45.51	1.78	47.29	68.30	-21.01	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	25.89	37.88	63.77	74.00	-10.23	peak	
2		5150.000	15.58	37.88	53.46	54.00	-0.54	AVG	
3	*	5236.800	71.32	37.62	108.94	68.30	40.64	peak	
4	X	5236.800	62.64	37.62	100.26	68.30	31.96	AVG	

REMARKS:

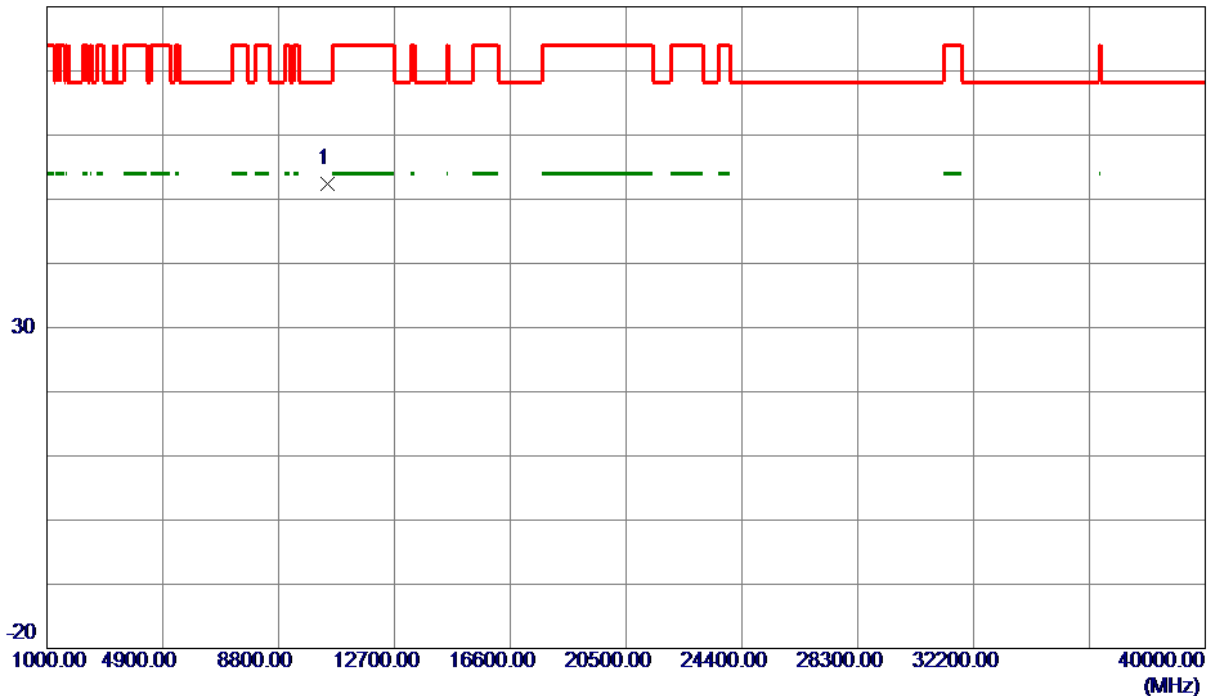
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

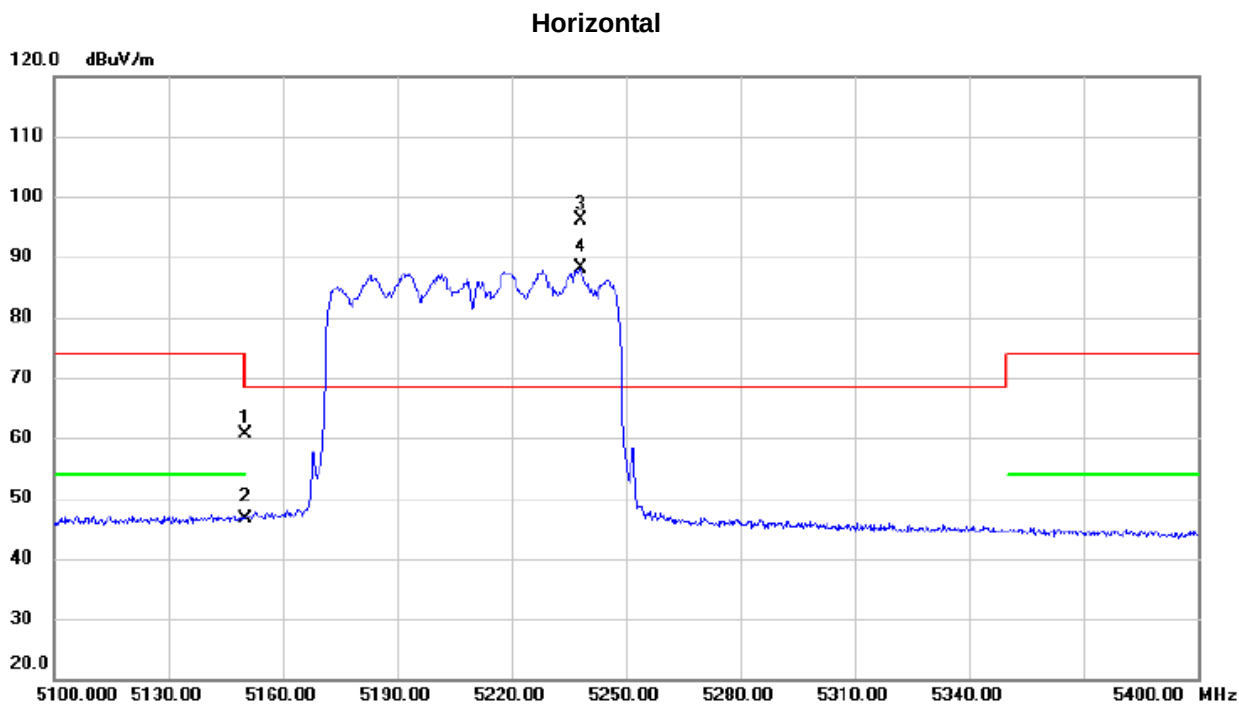


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10449.7000	50.64	1.77	52.41	68.30	-15.89	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	22.76	37.88	60.64	74.00	-13.36	peak	
2		5150.000	8.76	37.88	46.64	54.00	-7.36	AVG	
3	*	5238.000	58.59	37.63	96.22	68.30	27.92	peak	
4	X	5238.000	50.48	37.63	88.11	68.30	19.81	AVG	

REMARKS:

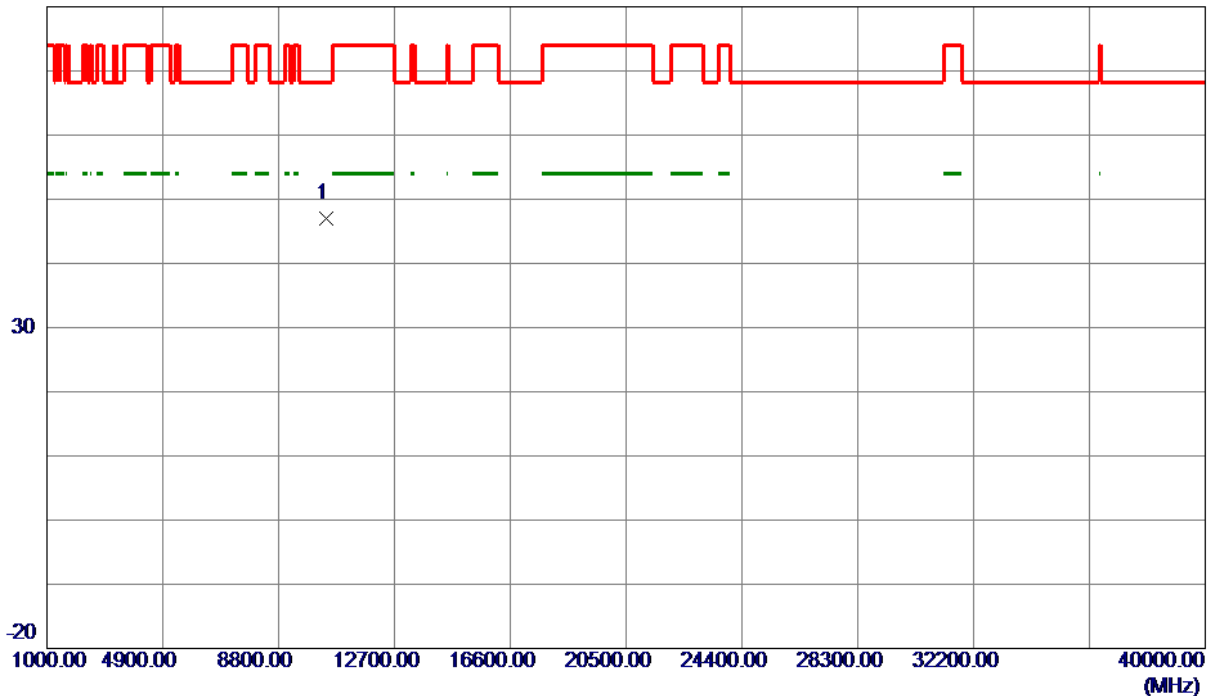
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Horizontal

80 dBuV/m

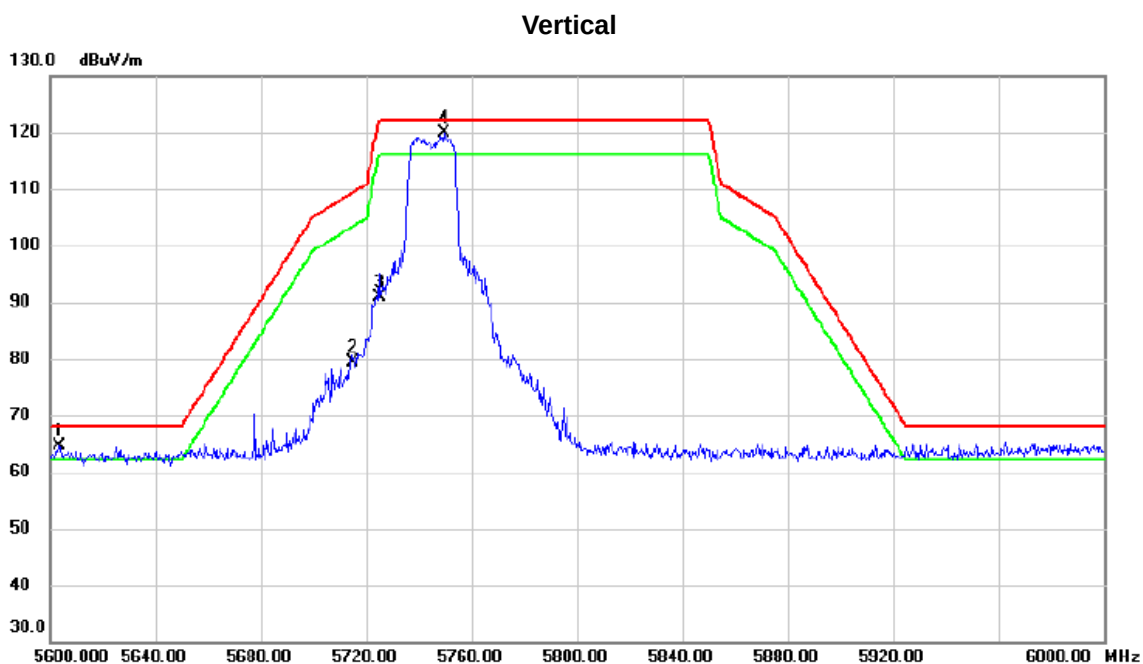


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10420.0000	45.20	1.74	46.94	68.30	-21.36	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5603.600	26.29	38.34	64.63	68.20	-3.57	peak	
2		5715.000	41.00	38.46	79.46	109.40	-29.94	peak	
3		5725.000	52.30	38.50	90.80	122.20	-31.40	peak	
4	*	5749.400	81.17	38.59	119.76	122.20	-2.44	peak	

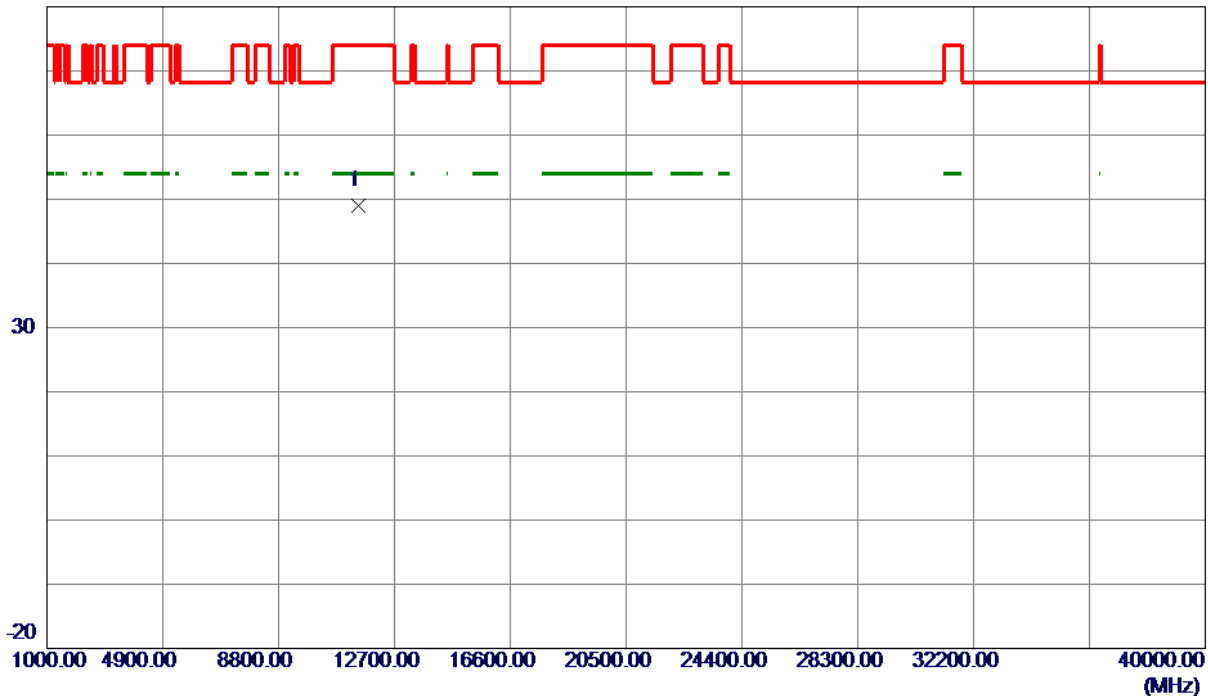
REMARKS:

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

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

Vertical

80 dBuV/m

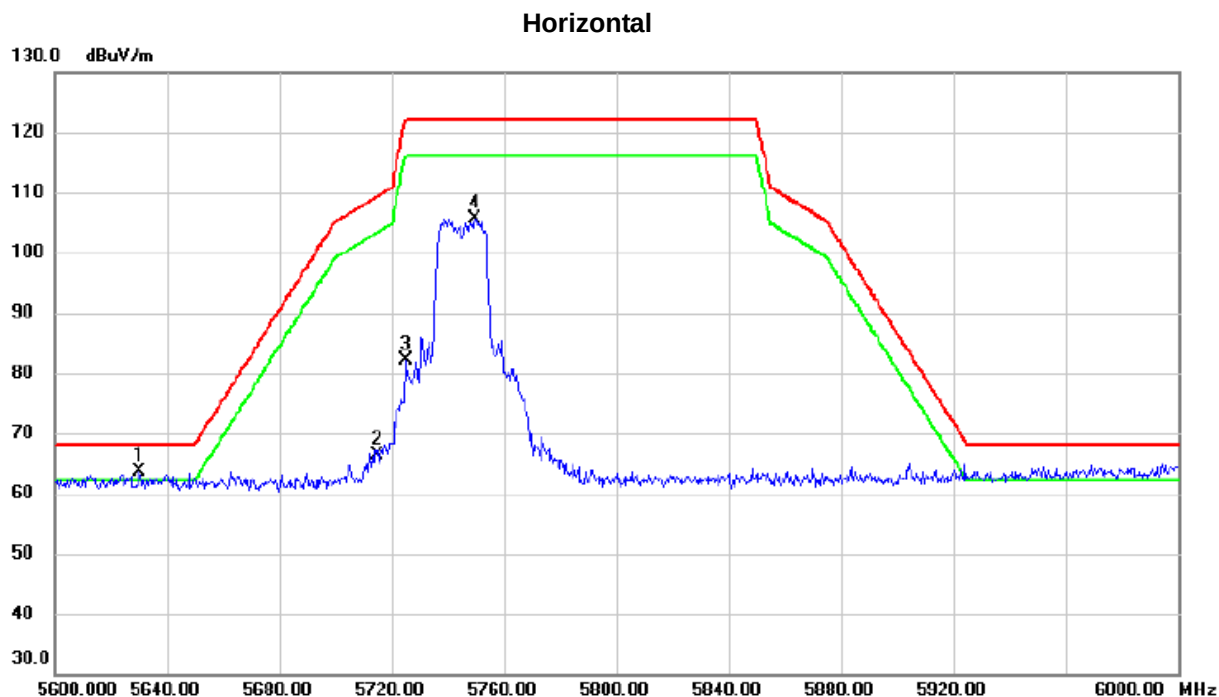


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11490.0000	46.78	2.21	48.99	74.00	-25.01	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5630.400	25.32	38.36	63.68	68.20	-4.52	peak	
2		5715.000	27.92	38.46	66.38	109.40	-43.02	peak	
3		5725.000	43.64	38.50	82.14	122.20	-40.06	peak	
4		5749.600	67.05	38.59	105.64	122.20	-16.56	peak	

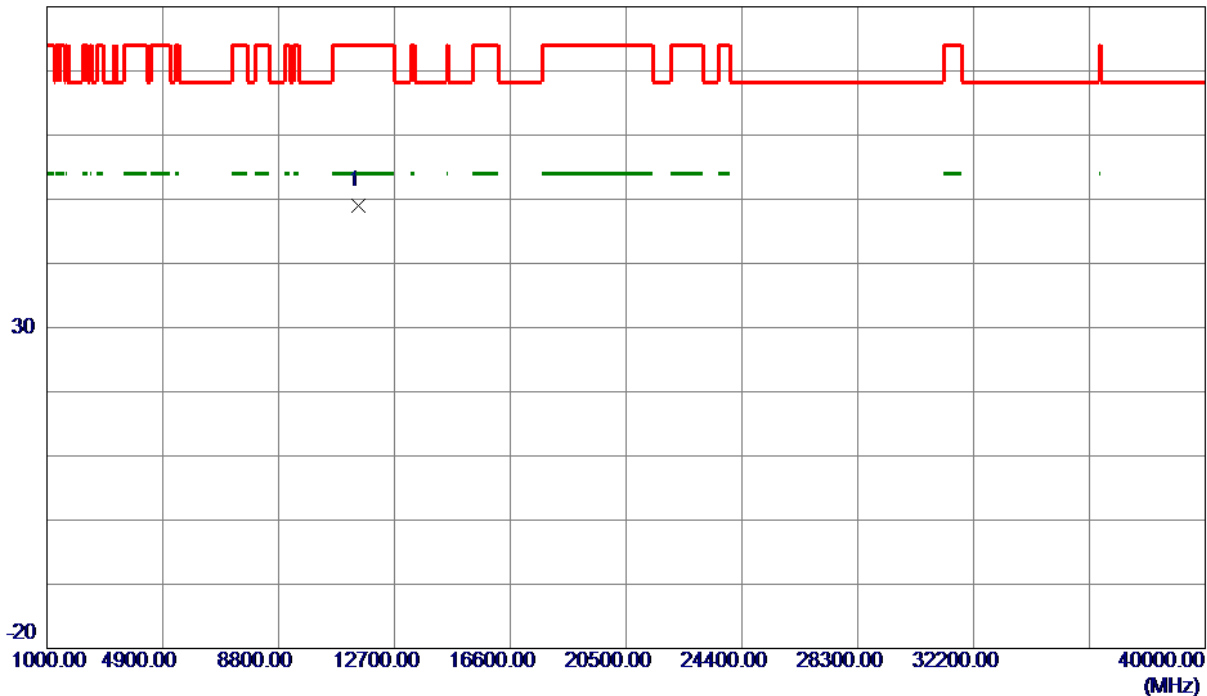
REMARKS:

- (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

80 dBuV/m

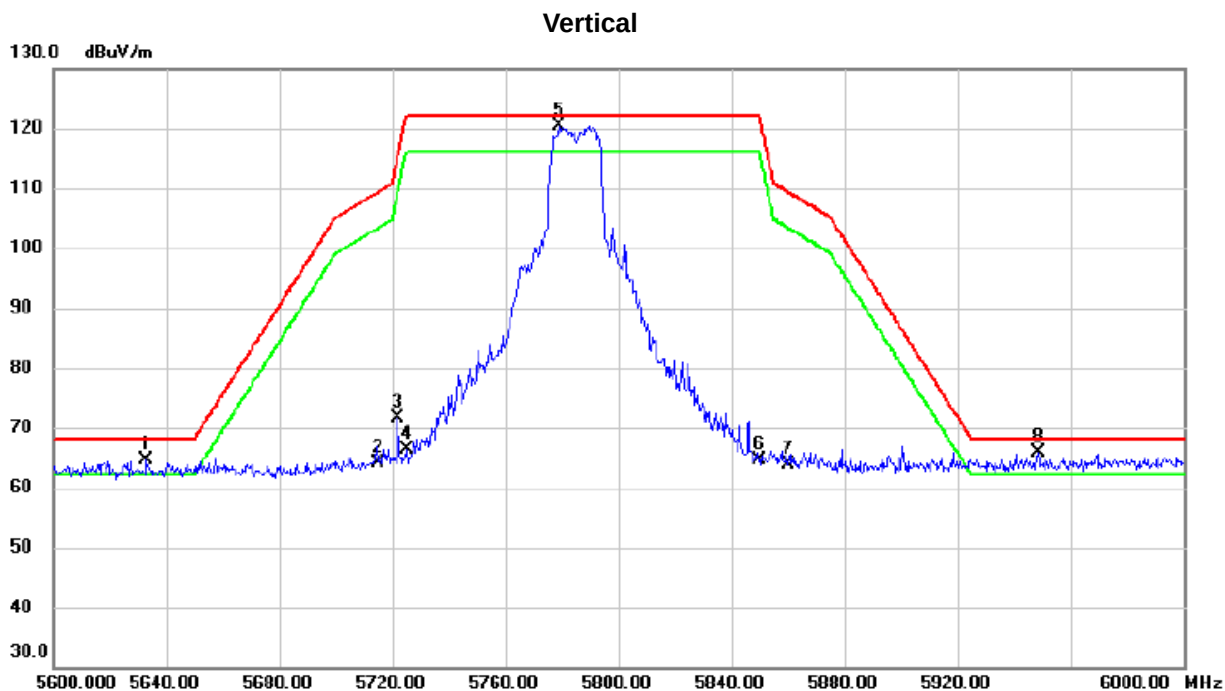


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11490.0000	46.79	2.21	49.00	74.00	-25.00	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5633.000	26.22	38.36	64.58	68.20	-3.62	peak	
2		5715.000	25.73	38.46	64.19	109.40	-45.21	peak	
3		5722.000	33.03	38.49	71.52	115.36	-43.84	peak	
4		5725.000	27.80	38.50	66.30	122.20	-55.90	peak	
5	*	5779.000	81.70	38.70	120.40	122.20	-1.80	peak	
6		5850.000	25.61	38.91	64.52	122.20	-57.68	peak	
7		5860.000	24.91	38.95	63.86	109.40	-45.54	peak	
8	!	5948.400	26.82	39.14	65.96	68.20	-2.24	peak	

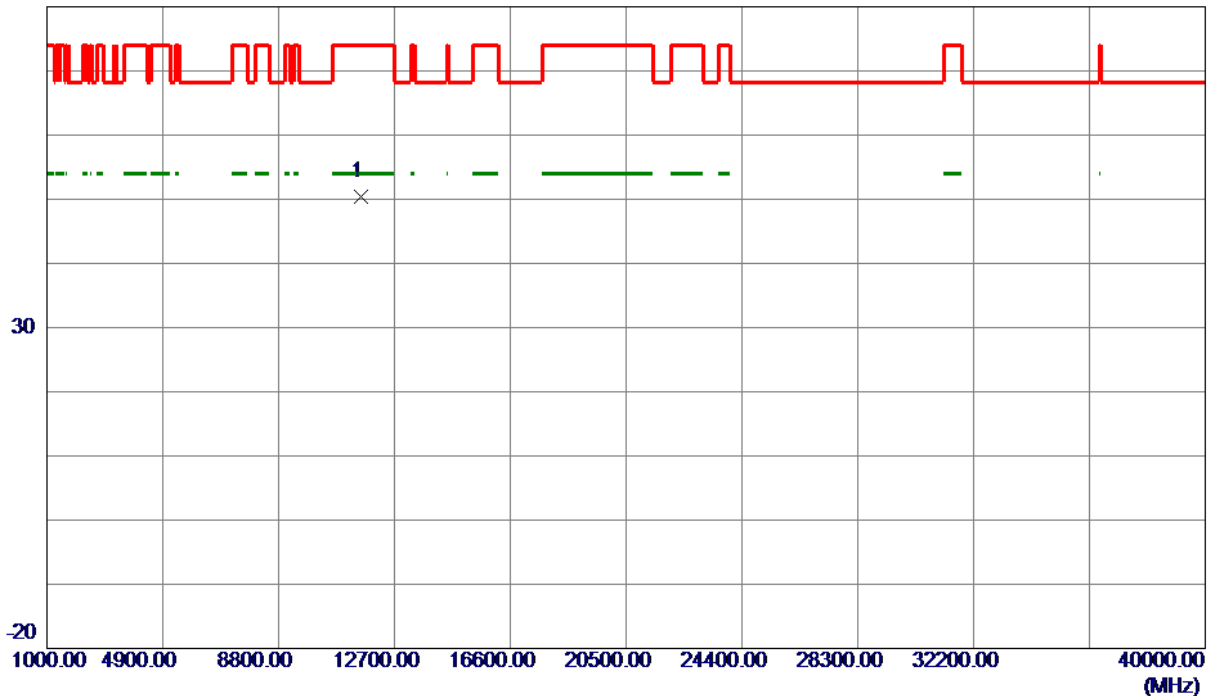
REMARKS:

- (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

80 dBuV/m

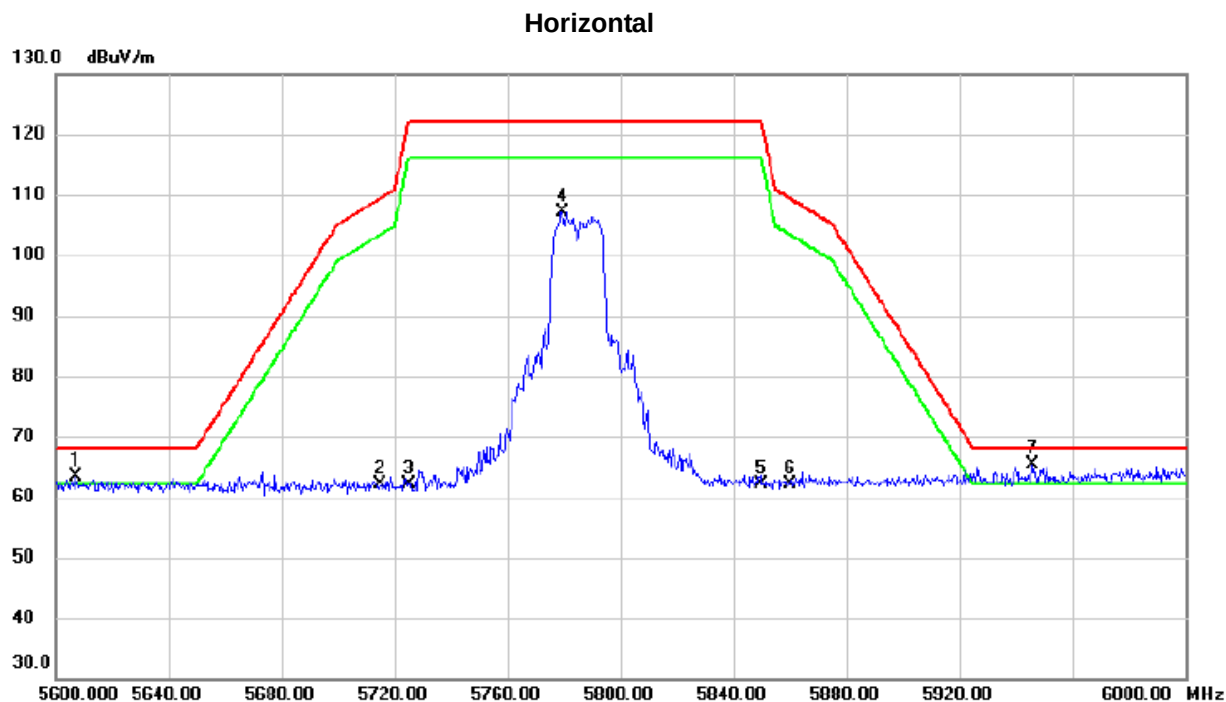


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11572.9000	48.06	2.28	50.34	74.00	-23.66	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5607.200	24.97	38.34	63.31	68.20	-4.89	peak	
2		5715.000	23.73	38.46	62.19	109.40	-47.21	peak	
3		5725.000	23.65	38.50	62.15	122.20	-60.05	peak	
4		5779.600	68.43	38.70	107.13	122.20	-15.07	peak	
5		5850.000	23.27	38.91	62.18	122.20	-60.02	peak	
6		5860.000	23.30	38.95	62.25	109.40	-47.15	peak	
7	*	5946.000	26.14	39.14	65.28	68.20	-2.92	peak	

REMARKS:

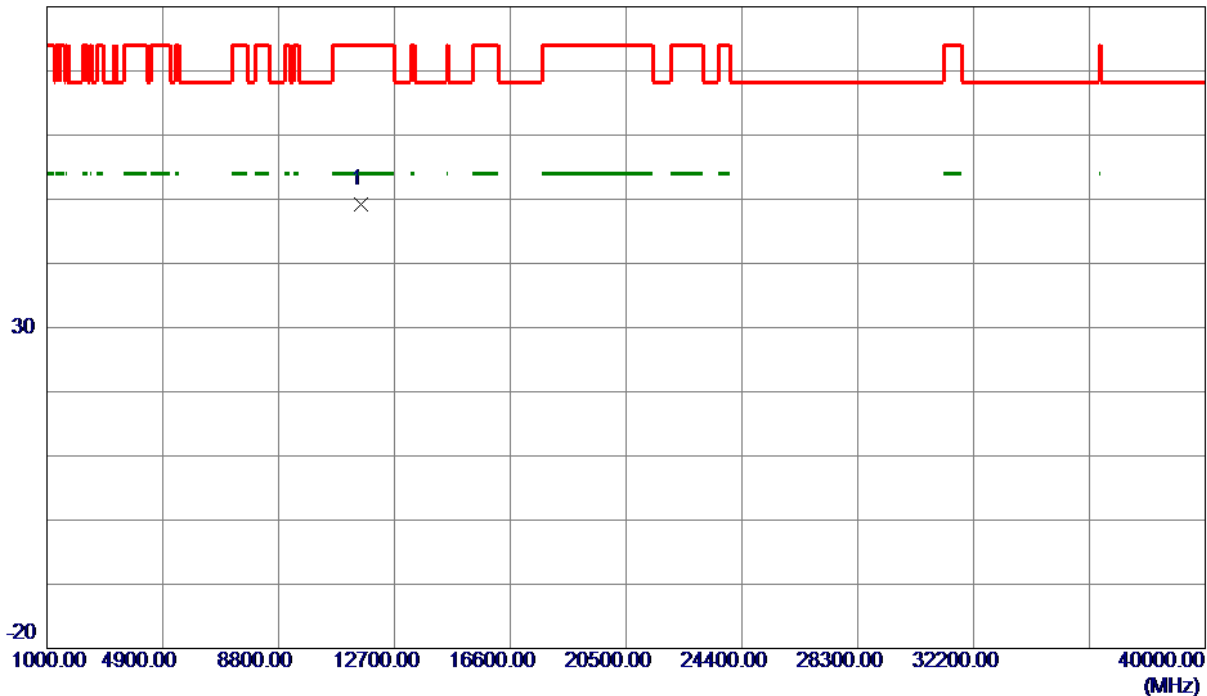
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Horizontal

80 dBuV/m

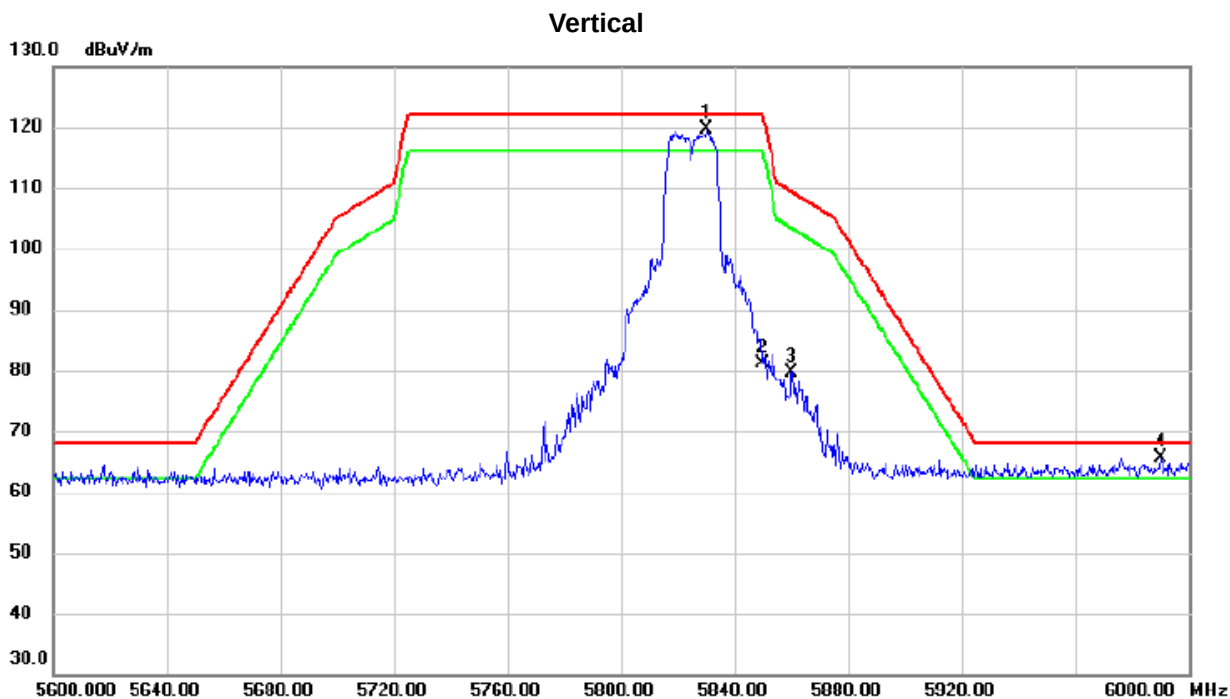


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11570.0000	46.97	2.27	49.24	74.00	-24.76	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5830.000	80.71	38.86	119.57	122.20	-2.63	peak	
2		5850.000	42.11	38.91	81.02	122.20	-41.18	peak	
3		5860.000	40.66	38.95	79.61	109.40	-29.79	peak	
4	!	5990.200	26.30	39.23	65.53	68.20	-2.67	peak	

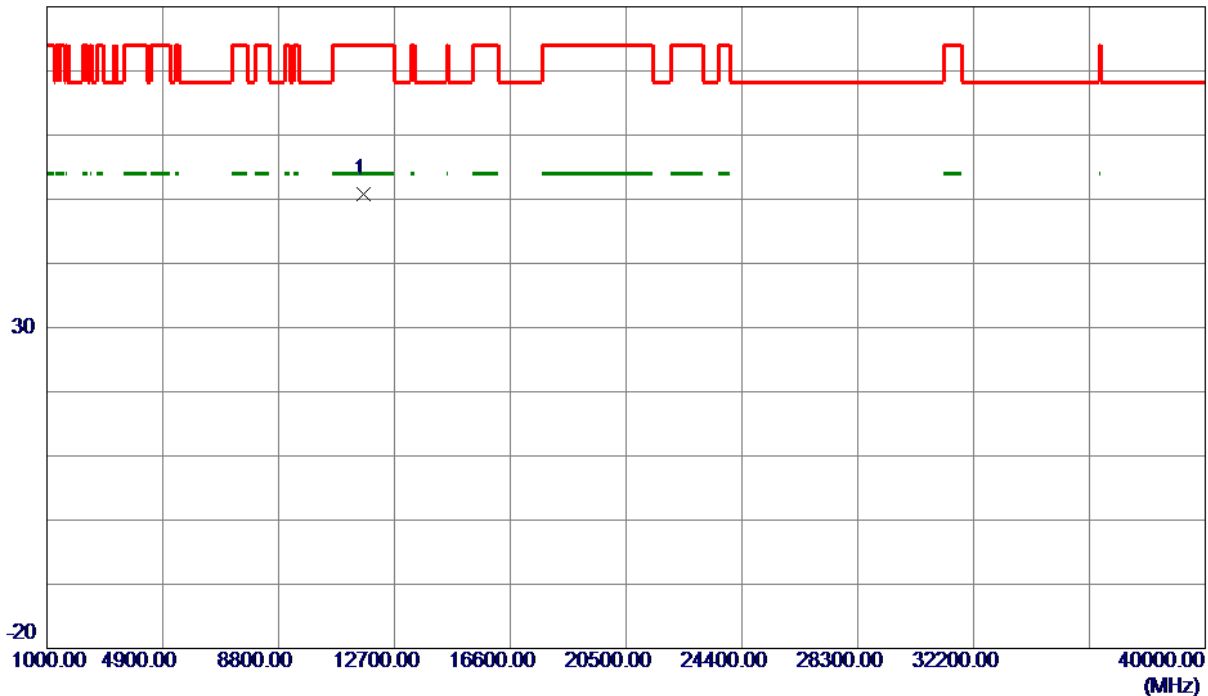
REMARKS:

- (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

80 dBuV/m

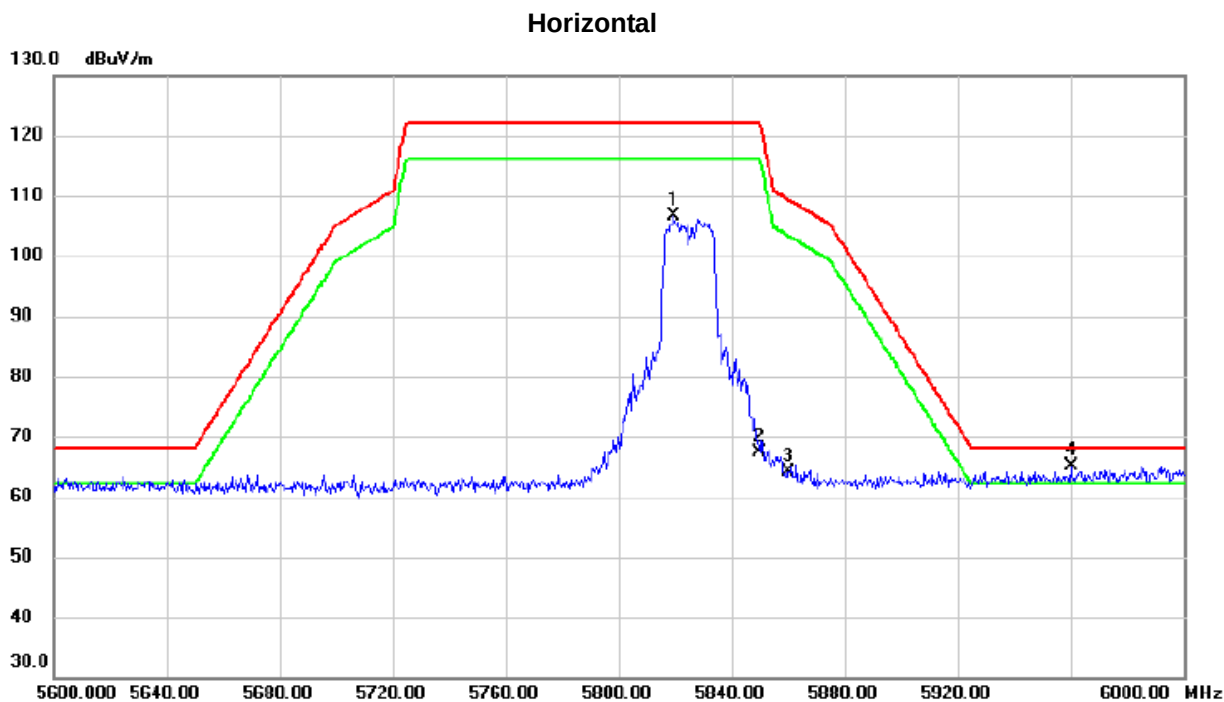


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11645.0500	48.77	2.12	50.89	74.00	-23.11	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5819.600	67.79	38.83	106.62	122.20	-15.58	peak	
2		5850.000	28.56	38.91	67.47	122.20	-54.73	peak	
3		5860.000	25.19	38.95	64.14	109.40	-45.26	peak	
4	*	5960.200	25.86	39.17	65.03	68.20	-3.17	peak	

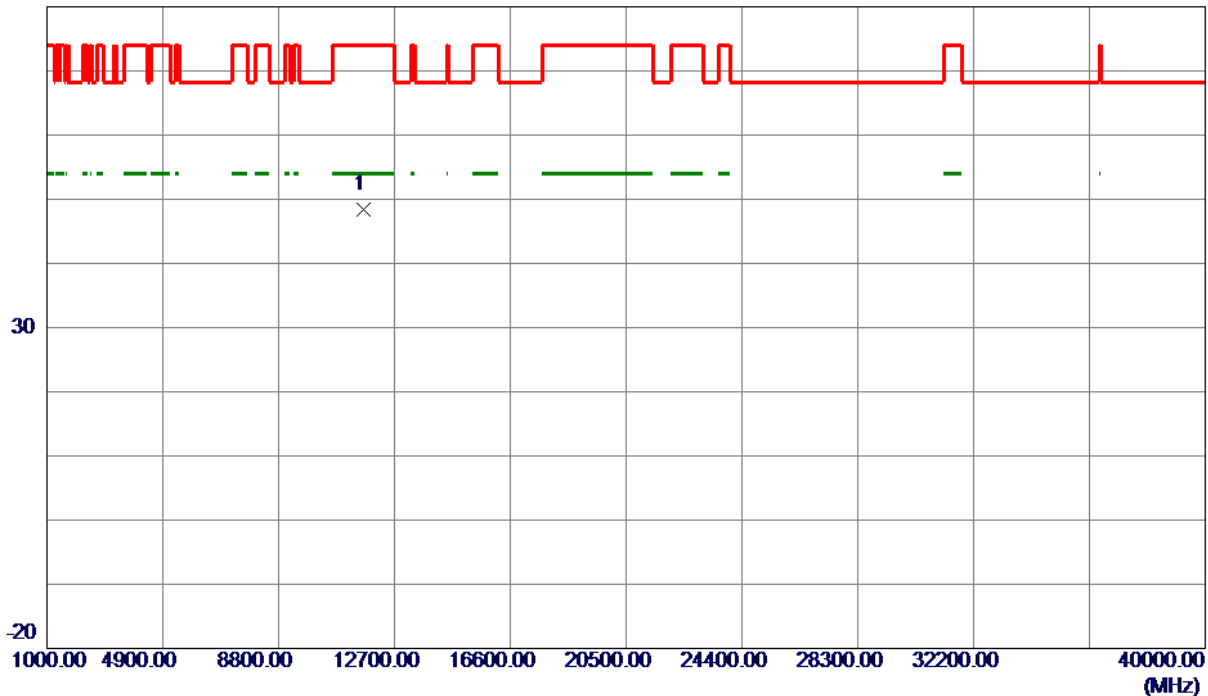
REMARKS:

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

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

Horizontal

80 dBuV/m

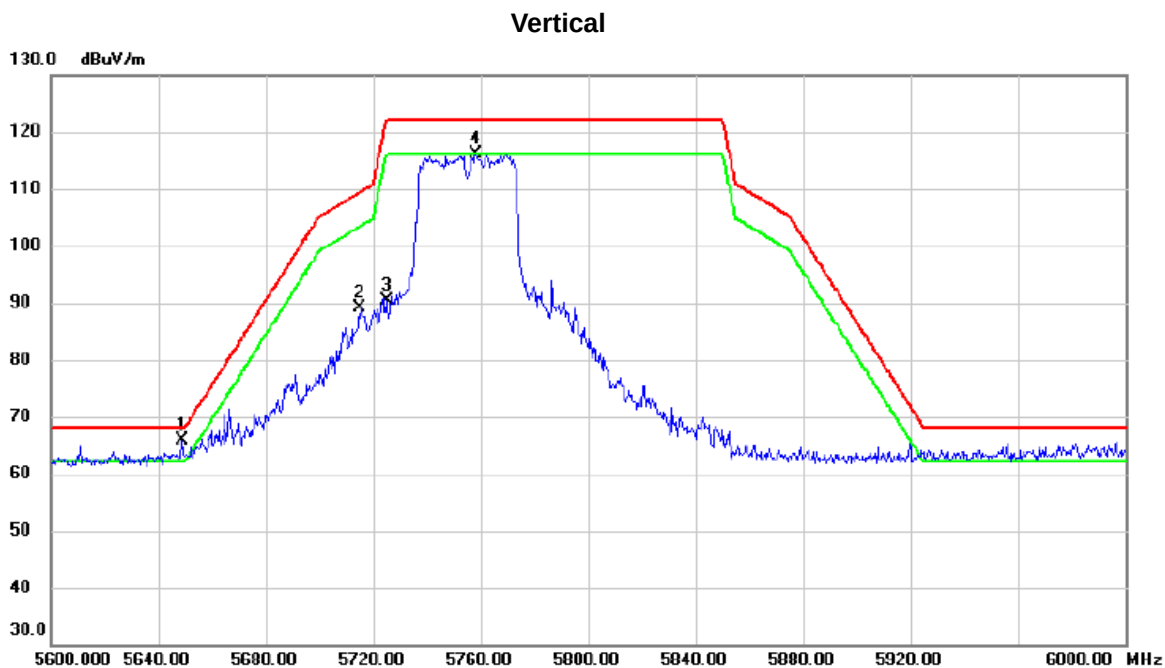


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11650.0000	46.27	2.10	48.37	74.00	-25.63	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5648.800	27.39	38.37	65.76	68.20	-2.44	peak	
2		5715.000	50.58	38.46	89.04	109.40	-20.36	peak	
3		5725.000	51.85	38.50	90.35	122.20	-31.85	peak	
4		5758.200	77.52	38.62	116.14	122.20	-6.06	peak	

REMARKS:

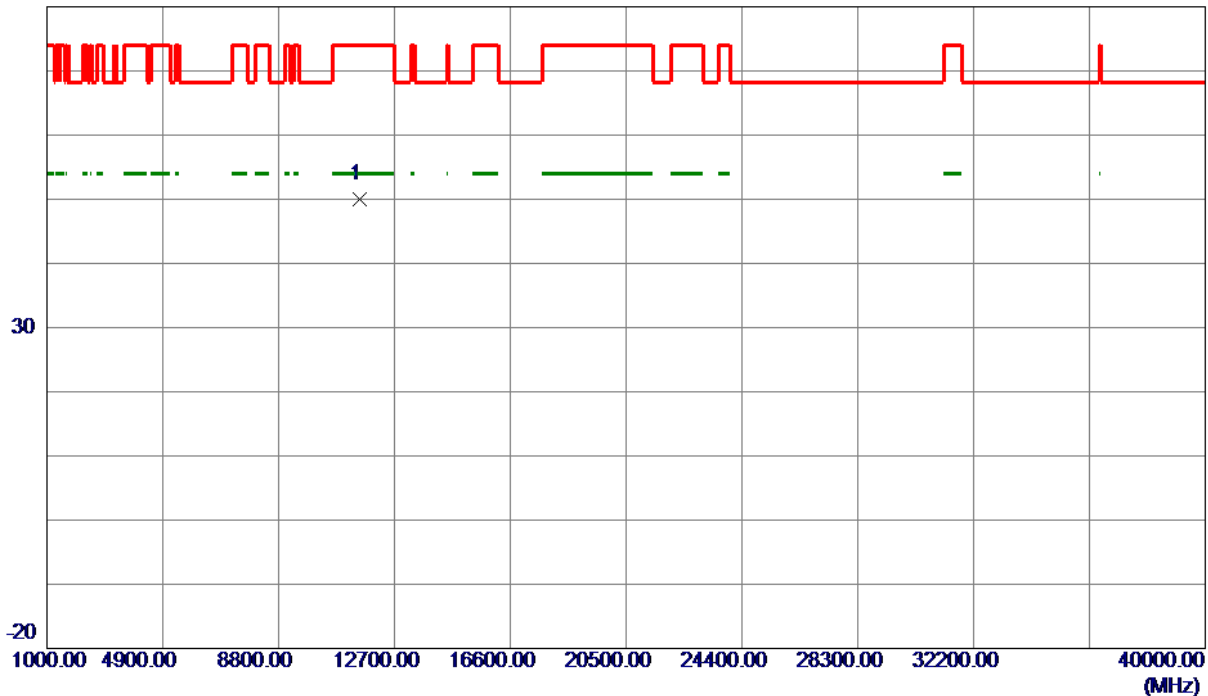
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

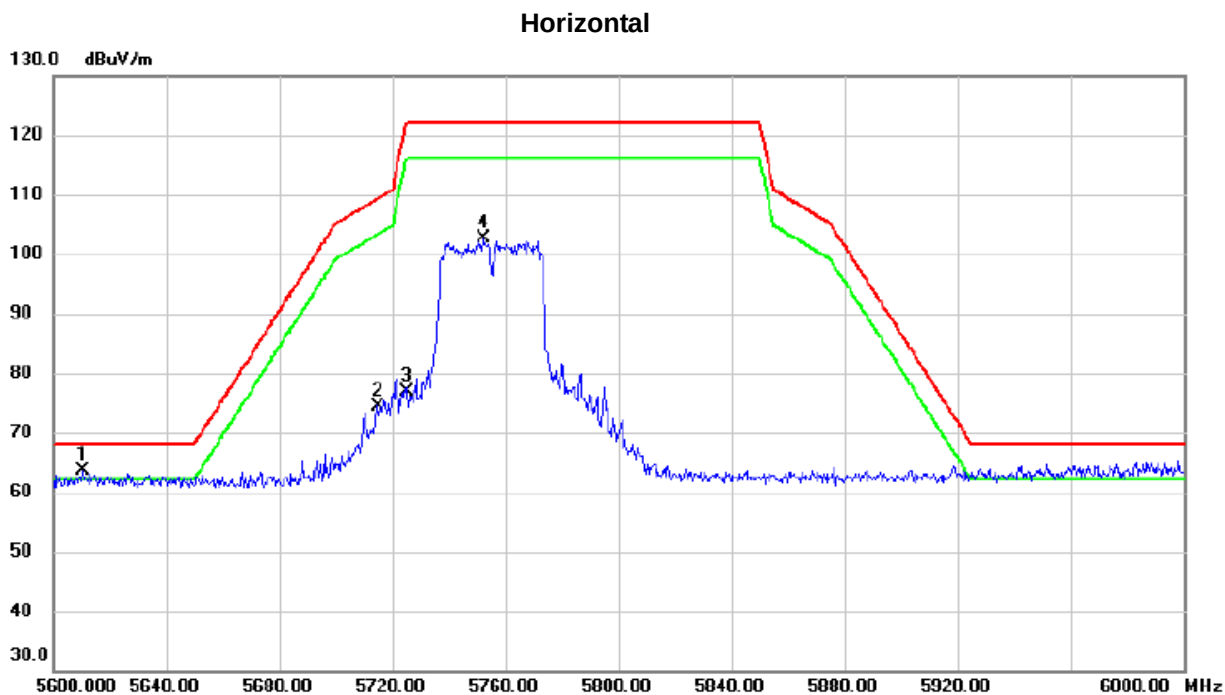


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11510.0000	47.84	2.22	50.06	74.00	-23.94	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5610.600	25.18	38.34	63.52	68.20	-4.68	peak	
2		5715.000	35.86	38.46	74.32	109.40	-35.08	peak	
3		5725.000	38.38	38.50	76.88	122.20	-45.32	peak	
4		5752.400	63.96	38.60	102.56	122.20	-19.64	peak	

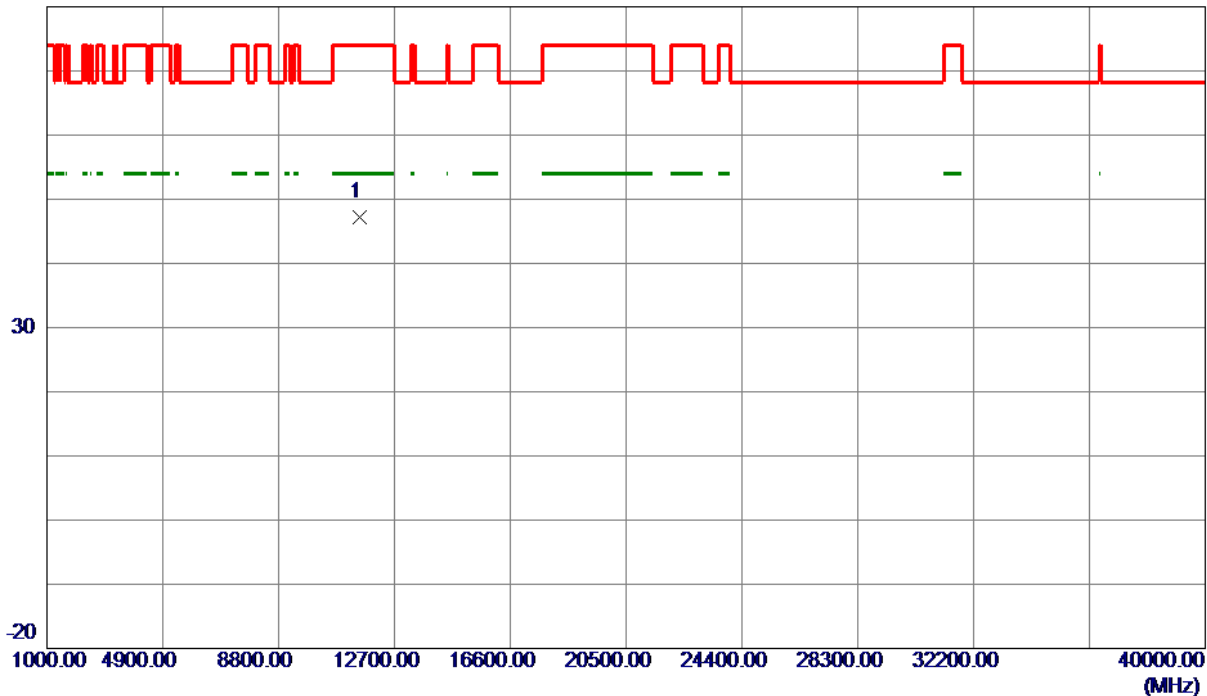
REMARKS:

- (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

80 dBuV/m

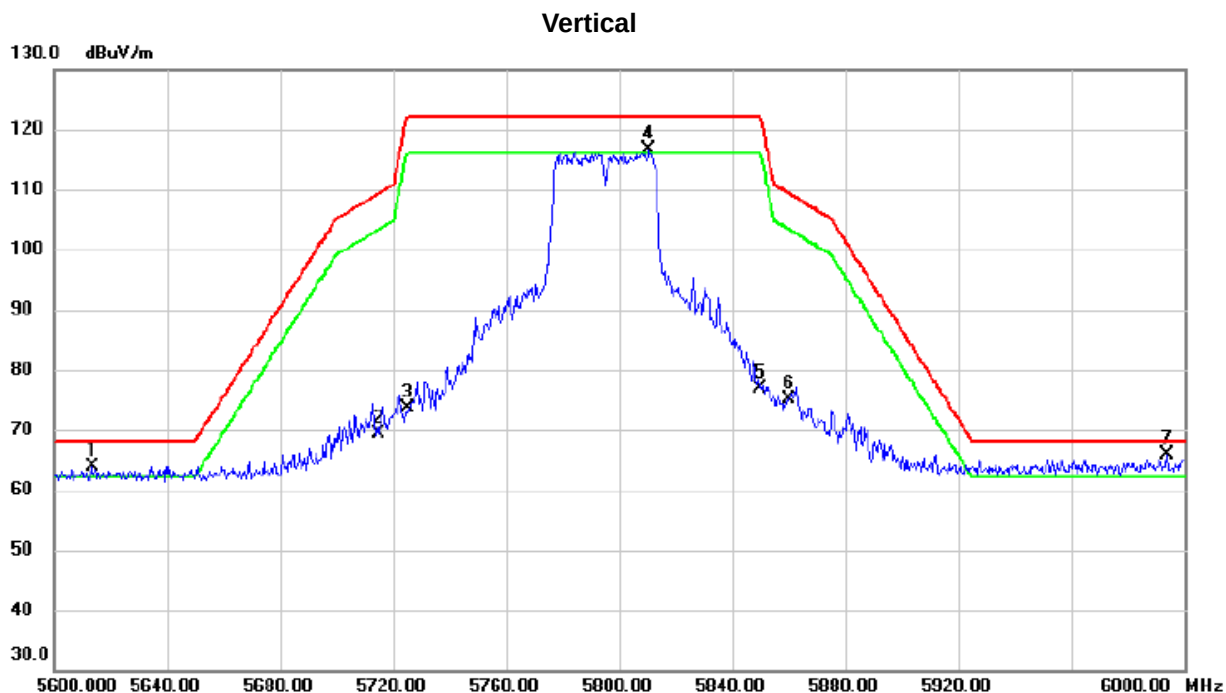


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11510.0000	45.01	2.22	47.23	74.00	-26.77	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5613.400	25.57	38.35	63.92	68.20	-4.28	peak	
2		5715.000	30.94	38.46	69.40	109.40	-40.00	peak	
3		5725.000	35.04	38.50	73.54	122.20	-48.66	peak	
4	!	5810.400	77.71	38.81	116.52	122.20	-5.68	peak	
5		5850.000	37.91	38.91	76.82	122.20	-45.38	peak	
6		5860.000	36.28	38.95	75.23	109.40	-34.17	peak	
7	*	5993.800	26.64	39.23	65.87	68.20	-2.33	peak	

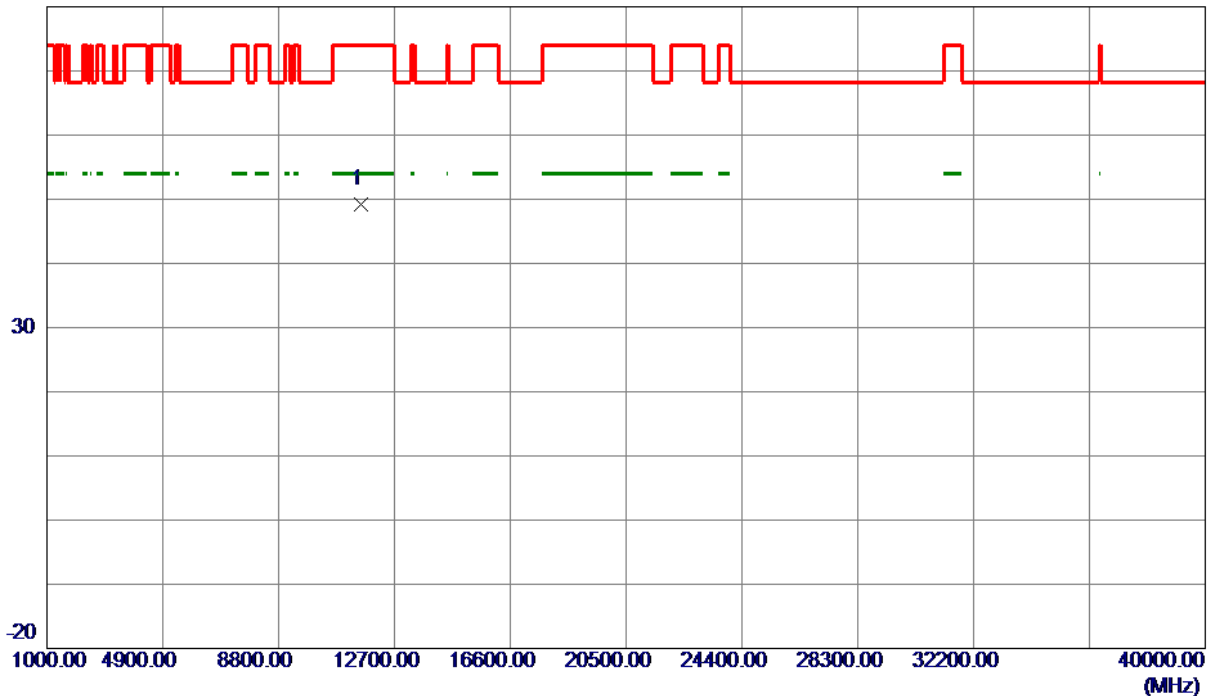
REMARKS:

- (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

80 dBuV/m

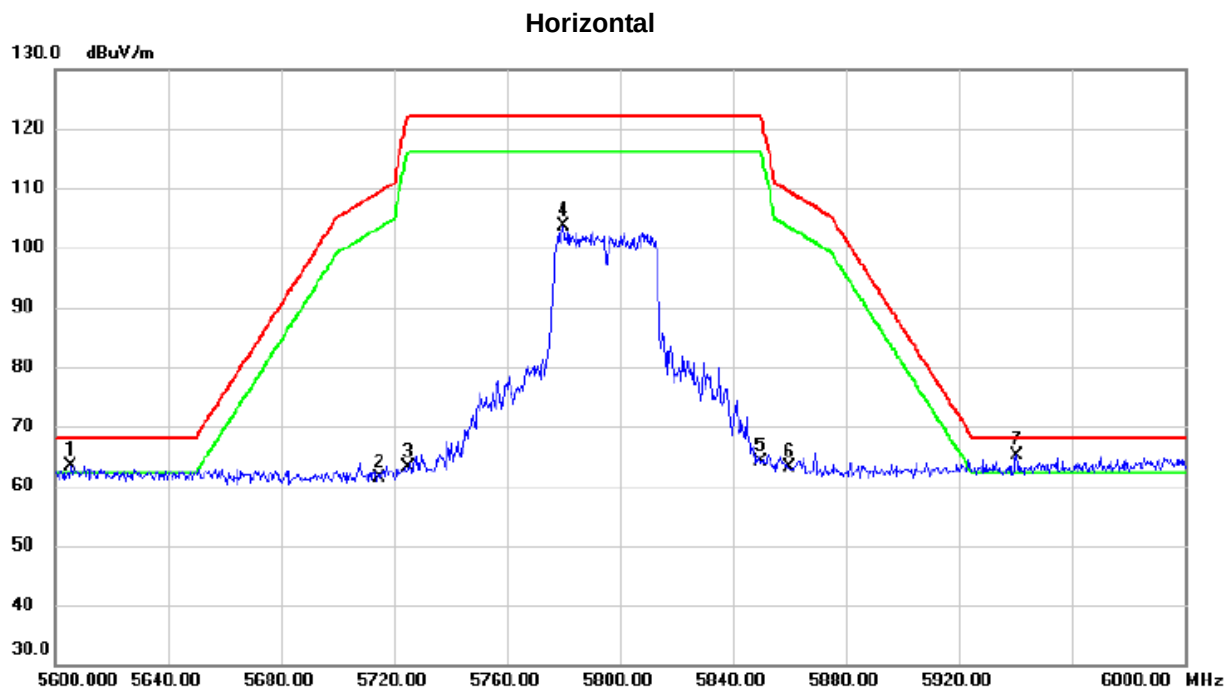


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11590.0000	46.97	2.29	49.26	74.00	-24.74	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5605.600	25.09	38.34	63.43	68.20	-4.77	peak	
2		5715.000	22.82	38.46	61.28	109.40	-48.12	peak	
3		5725.000	24.63	38.50	63.13	122.20	-59.07	peak	
4		5780.200	64.80	38.71	103.51	122.20	-18.69	peak	
5		5850.000	25.25	38.91	64.16	122.20	-58.04	peak	
6		5860.000	24.18	38.95	63.13	109.40	-46.27	peak	
7	*	5940.400	26.12	39.13	65.25	68.20	-2.95	peak	

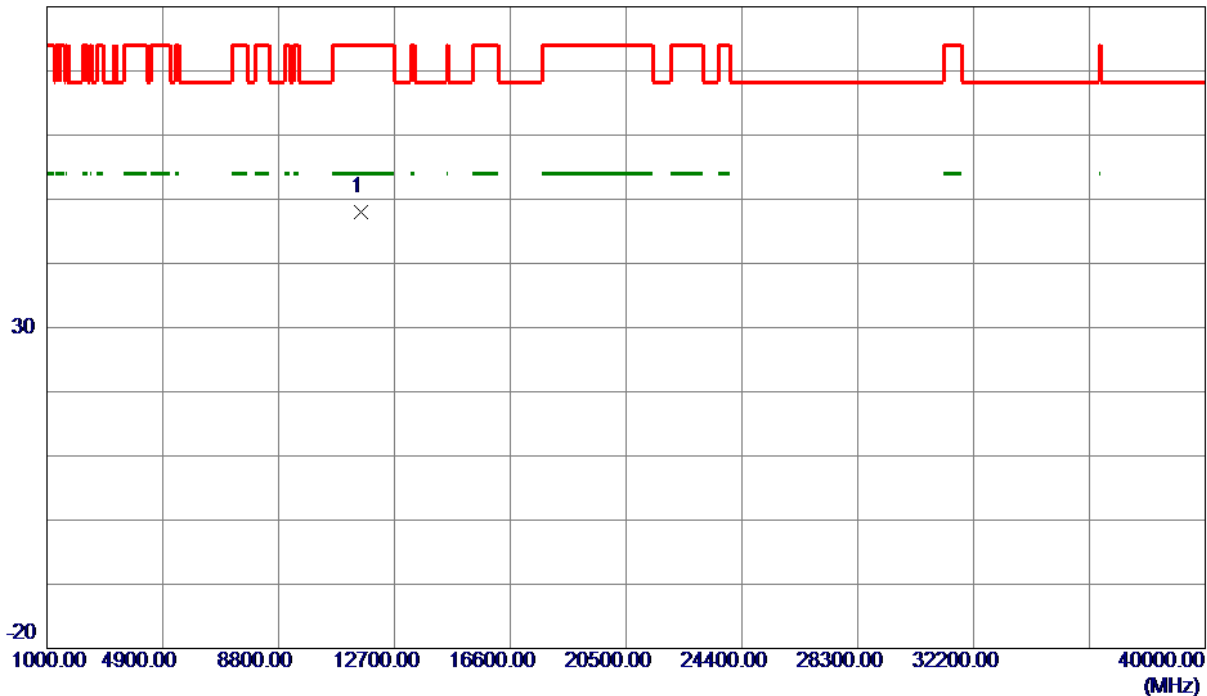
REMARKS:

- (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

80 dBuV/m

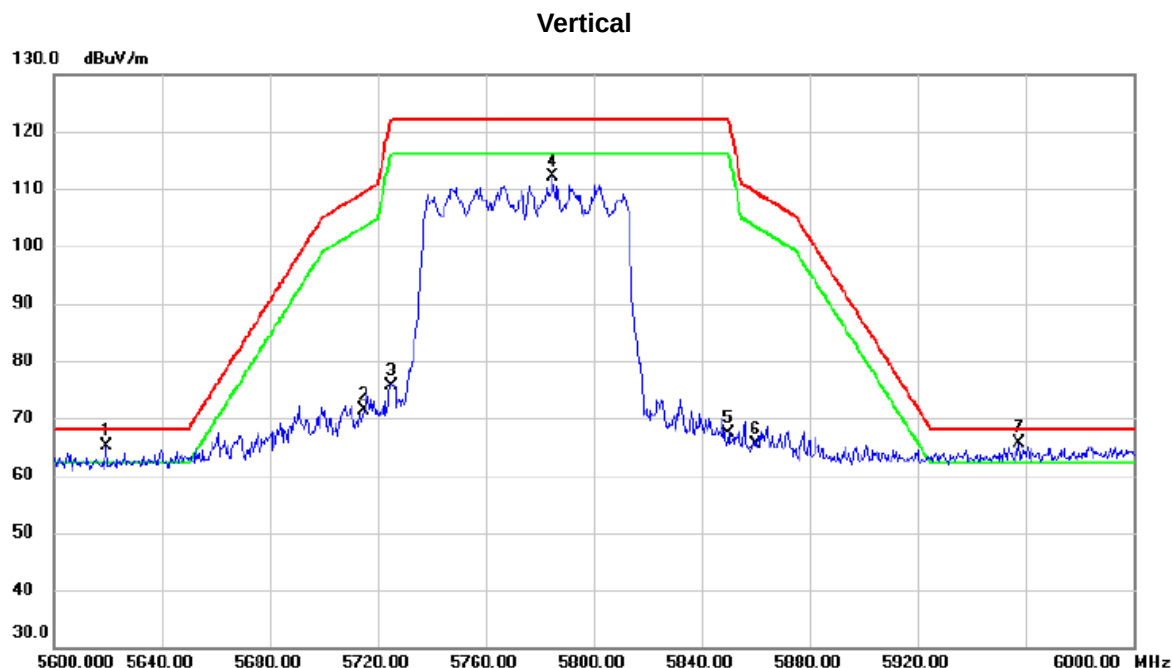


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11590.0000	45.73	2.29	48.02	74.00	-25.98	Peak	

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	I	5619.400	26.80	38.35	65.15	68.20	-3.05	peak	
2		5715.000	32.94	38.46	71.40	109.40	-38.00	peak	
3		5725.000	37.12	38.50	75.62	122.20	-46.58	peak	
4		5784.800	73.44	38.73	112.17	122.20	-10.03	peak	
5		5850.000	28.40	38.91	67.31	122.20	-54.89	peak	
6		5860.000	26.54	38.95	65.49	109.40	-43.91	peak	
7	*	5957.400	26.36	39.16	65.52	68.20	-2.68	peak	

REMARKS:

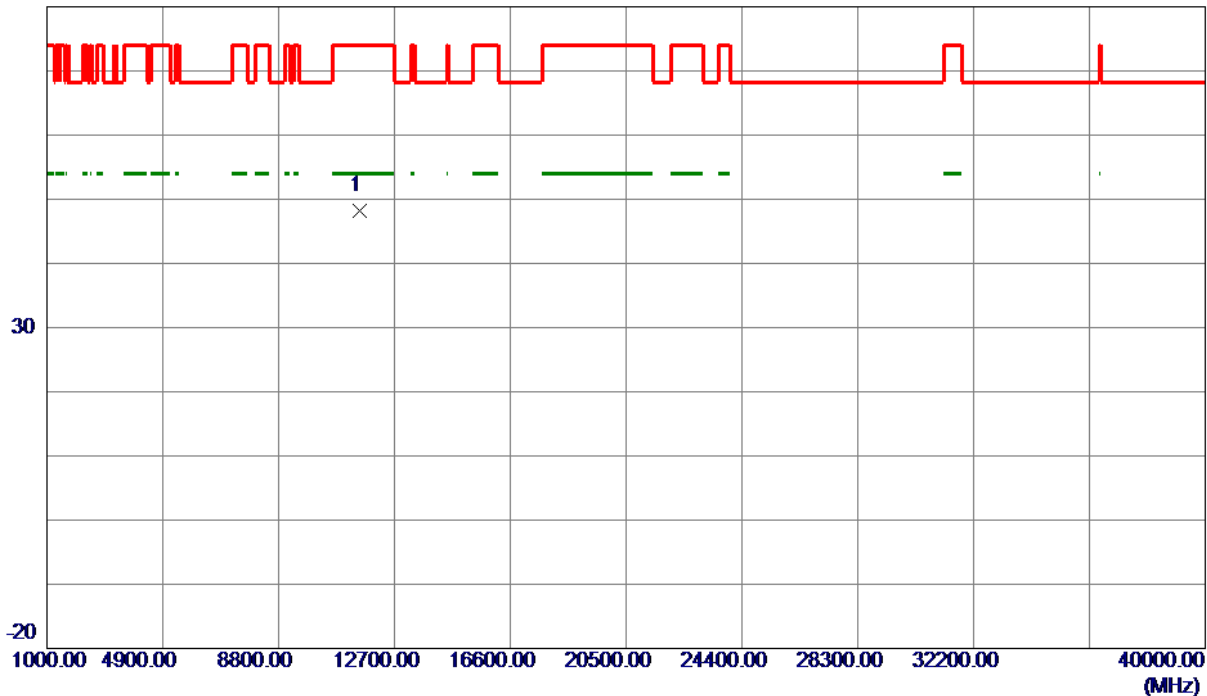
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

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

Vertical

80 dBuV/m

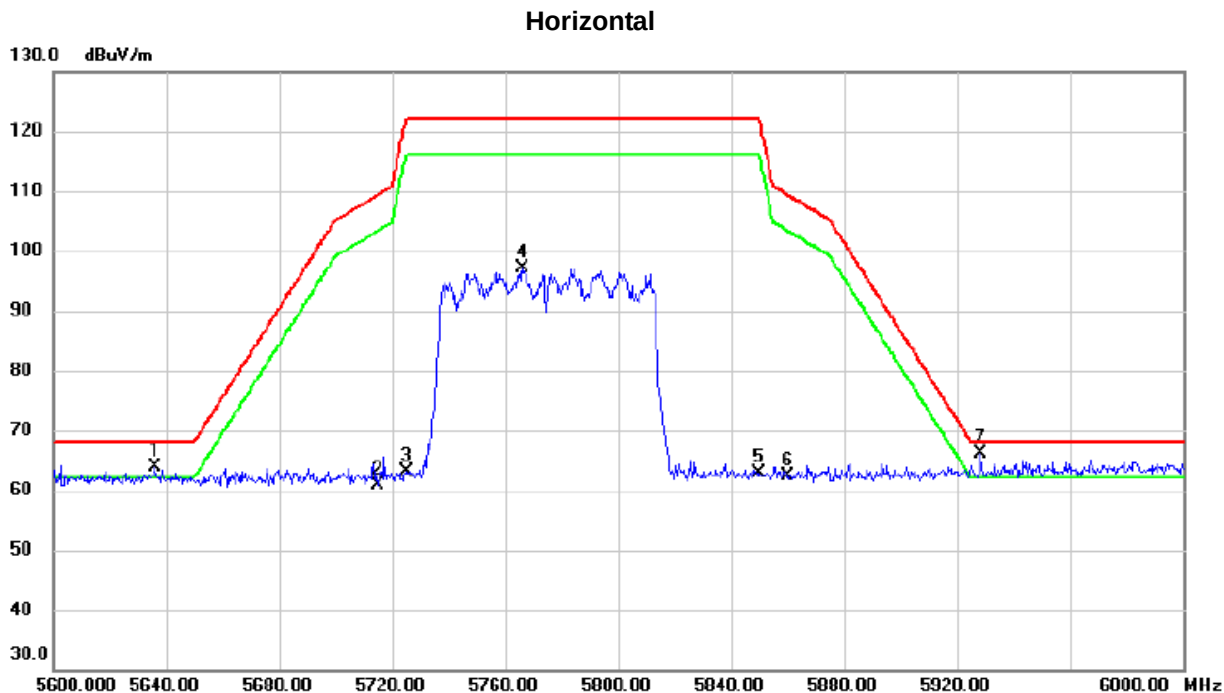


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11550.0000	46.00	2.26	48.26	74.00	-25.74	Peak	

REMARKS:

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

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	!	5636.000	25.61	38.36	63.97	68.20	-4.23	peak	
2		5715.000	22.43	38.46	60.89	109.40	-48.51	peak	
3		5725.000	24.56	38.50	63.06	122.20	-59.14	peak	
4		5766.200	58.58	38.65	97.23	122.20	-24.97	peak	
5		5850.000	23.99	38.91	62.90	122.20	-59.30	peak	
6		5860.000	23.43	38.95	62.38	109.40	-47.02	peak	
7	*	5928.000	26.92	39.11	66.03	68.20	-2.17	peak	

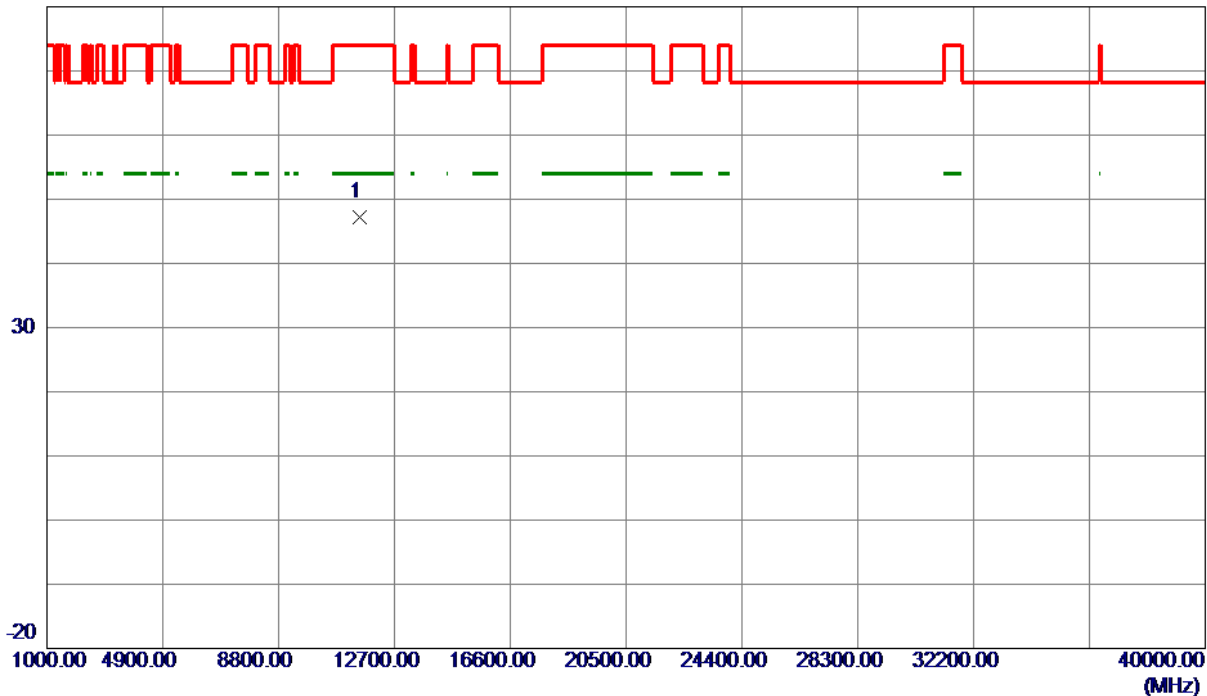
REMARKS:

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

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

Horizontal

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11550.0000	44.85	2.26	47.11	74.00	-26.89	Peak	

REMARKS:

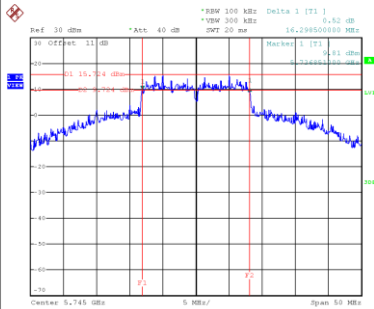
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	UNII-3_TX A Mode
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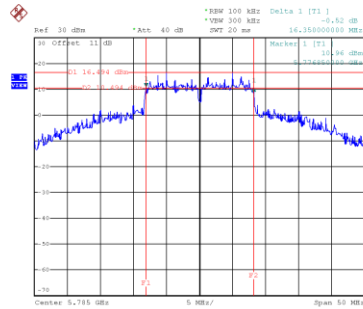
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.30	35.80	500	Complies
157	5785	16.35	36.00	500	Complies
165	5825	16.29	36.00	500	Complies

CH149



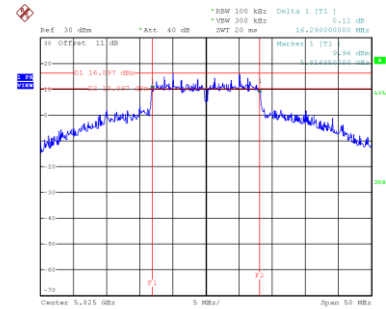
Date: 13.JAN.2021 11:27:08

CH157



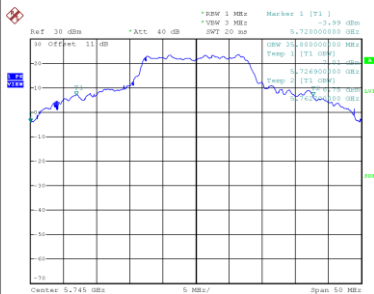
Date: 13.JAN.2021 11:29:08

CH165

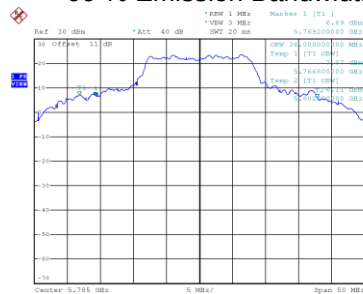


Date: 13.JAN.2021 11:30:32

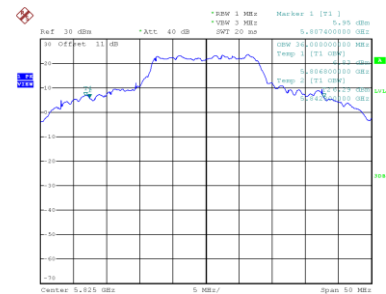
99 % Emission Bandwidth



Date: 20.JAN.2021 15:22:57



Date: 20.JAN.2021 15:24:03



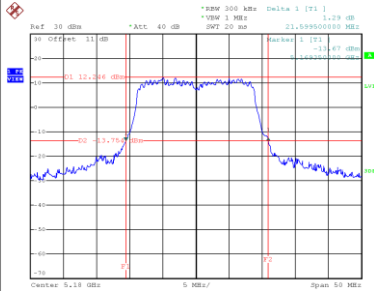
Date: 20.JAN.2021 15:29:37

CDD

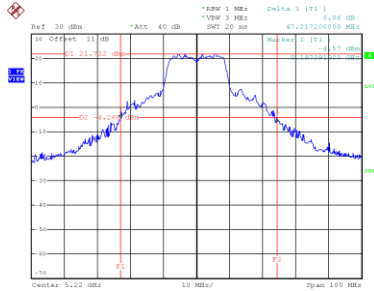
Test Mode	UNII-1_TX AC (VHT20) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	21.60	17.20
44	5220	47.22	31.20
48	5240	47.61	32.30

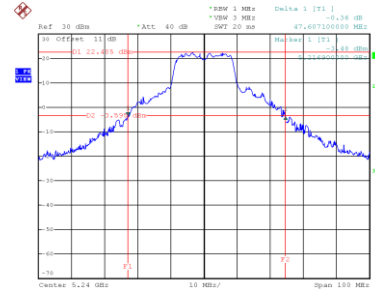
CH36



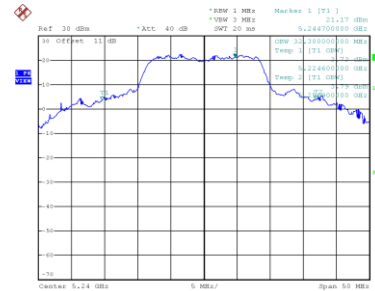
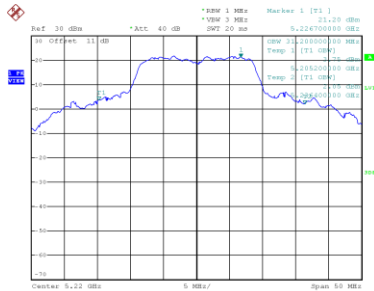
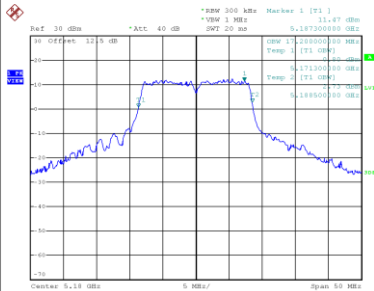
CH44



CH48



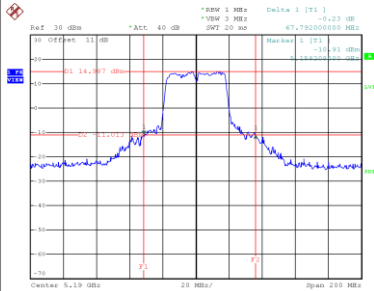
99 % Emission Bandwidth



Test Mode	UNII-1_TX AC (VHT40) Mode
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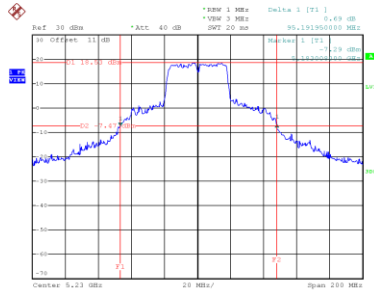
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	67.79	53.60
46	5230	95.19	75.80

CH38



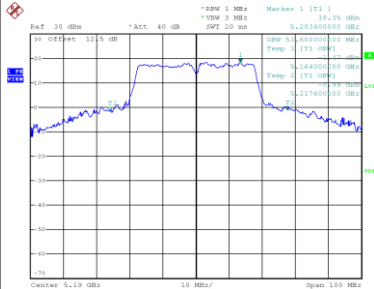
Date: 20.JAN.2021 16:34:38

CH46

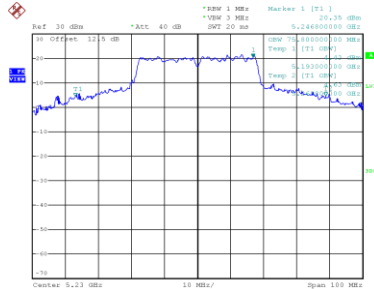


Date: 20.JAN.2021 16:40:30

99 % Emission Bandwidth

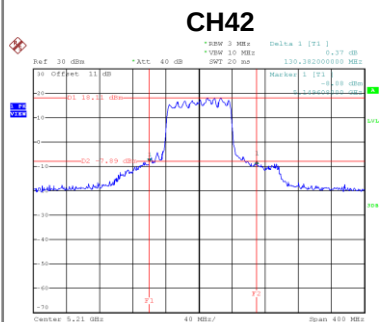


Date: 31.DEC.2020 16:13:58

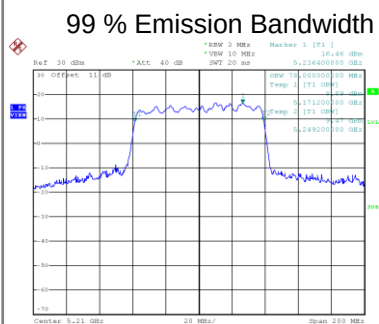


Date: 31.DEC.2020 17:32:36

Test Mode	UNII-1_TX AC (VHT80)		
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
42	5210	130.38	78.00



Date: 20.JAN.2021 16:49:40

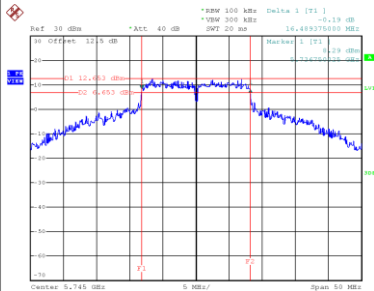


Date: 20.JAN.2021 16:55:38

Test Mode	UNII-3_TX AC (VHT20) Mode
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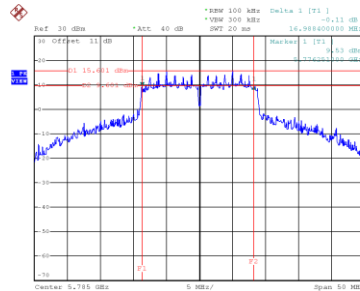
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	16.49	37.50	500	Complies
157	5785	16.99	36.40	500	Complies
165	5825	16.59	35.40	500	Complies

CH149



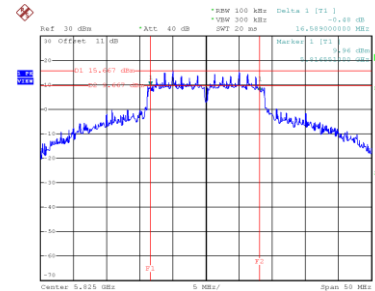
Date: 31.DEC.2020 18:01:13

CH157



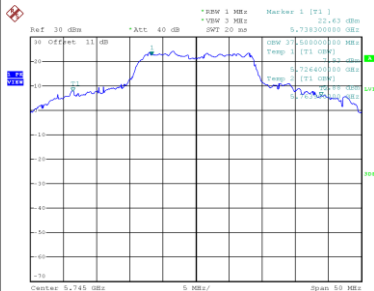
Date: 13.JAN.2021 12:30:48

CH165

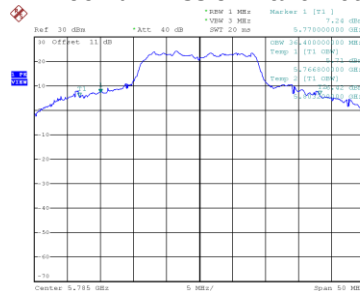


Date: 13.JAN.2021 14:16:16

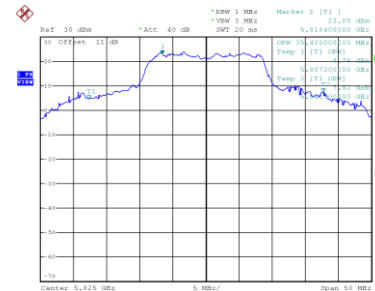
99 % Emission Bandwidth



Date: 20.JAN.2021 16:21:58



Date: 20.JAN.2021 16:25:04

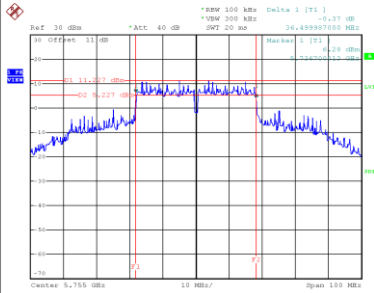


Date: 20.JAN.2021 16:29:36

Test Mode	UNII-3_TX AC (VHT40) Mode
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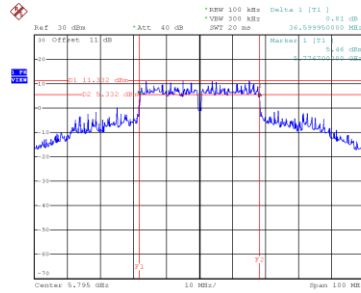
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	36.50	72.20	500	Complies
159	5795	36.60	74.60	500	Complies

CH151



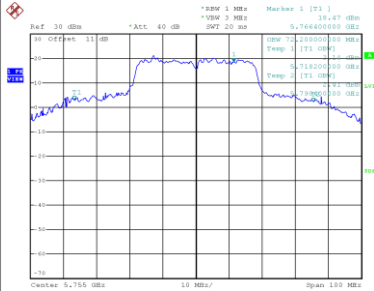
Date: 13.JAN.2021 14:24:31

CH159

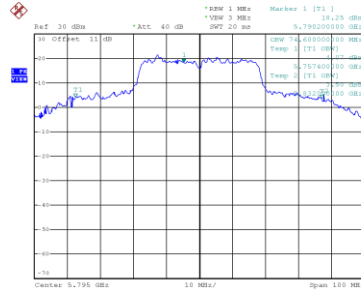


Date: 13.JAN.2021 14:27:04

99 % Emission Bandwidth



Date: 13.JAN.2021 14:23:45

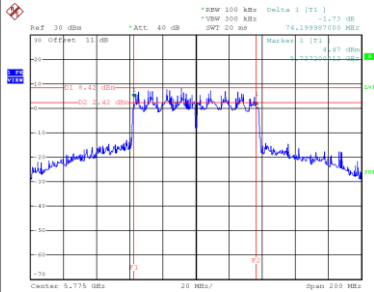


Date: 13.JAN.2021 14:26:17

Test Mode	UNII-3_TX AC (VHT80)
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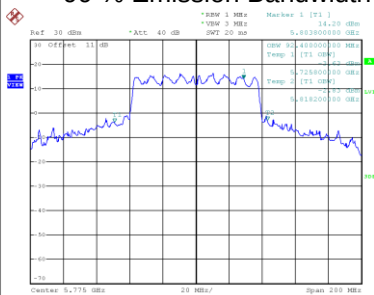
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	74.20	92.40	500	Complies

CH155



Date: 13.JAN.2021 14:32:40

99 % Emission Bandwidth



Date: 13.JAN.2021 14:32:57

APPENDIX F - CONDUCTED OUTPUT POWER

Test Mode	UNII-1_TX A Mode
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.21	0.28	21.49	30.00	1.00	Complies
44	5220	25.79	0.28	26.07	30.00	1.00	Complies
48	5240	23.17	0.28	23.45	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	25.95	0.28	26.23	30.00	1.00	Complies
157	5785	25.64	0.28	25.92	30.00	1.00	Complies
165	5825	25.33	0.28	25.61	30.00	1.00	Complies

CDD

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.98	0.30	21.28	30.00	1.00	Complies
44	5220	24.30	0.30	24.60	30.00	1.00	Complies
48	5240	22.76	0.30	23.06	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.53	0.30	19.83	30.00	1.00	Complies
44	5220	23.43	0.30	23.73	30.00	1.00	Complies
48	5240	22.92	0.30	23.22	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	23.62	30.00	1.00	Complies
44	5220	27.19	30.00	1.00	Complies
48	5240	26.15	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	20.85	0.38	21.23	30.00	1.00	Complies
46	5230	24.23	0.38	24.61	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	19.59	0.38	19.97	30.00	1.00	Complies
46	5230	23.02	0.38	23.40	30.00	1.00	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	23.66	30.00	1.00	Complies
46	5230	27.06	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.81	0.30	26.11	30.00	1.00	Complies
157	5785	25.71	0.30	26.01	30.00	1.00	Complies
165	5825	25.43	0.30	25.73	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.24	0.30	25.54	30.00	1.00	Complies
157	5785	25.36	0.30	25.66	30.00	1.00	Complies
165	5825	25.15	0.30	25.45	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	28.84	30.00	1.00	Complies
157	5785	28.84	30.00	1.00	Complies
165	5825	28.60	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.66	0.38	25.04	30.00	1.00	Complies
159	5795	24.85	0.38	25.23	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.87	0.38	24.25	30.00	1.00	Complies
159	5795	24.45	0.38	24.83	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	27.67	30.00	1.00	Complies
159	5795	28.05	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.32	0.31	21.63	30.00	1.00	Complies
44	5220	24.41	0.31	24.72	30.00	1.00	Complies
48	5240	23.05	0.31	23.36	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.87	0.31	20.18	30.00	1.00	Complies
44	5220	23.53	0.31	23.84	30.00	1.00	Complies
48	5240	23.21	0.31	23.52	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	23.97	30.00	1.00	Complies
44	5220	27.31	30.00	1.00	Complies
48	5240	26.45	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	21.56	0.47	22.03	30.00	1.00	Complies
46	5230	24.78	0.47	25.25	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	20.10	0.47	20.57	30.00	1.00	Complies
46	5230	23.57	0.47	24.04	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	24.37	30.00	1.00	Complies
46	5230	27.70	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	20.70	1.31	22.01	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	19.40	1.31	20.71	30.00	1.00	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	24.41	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.92	0.31	26.23	30.00	1.00	Complies
157	5785	25.81	0.31	26.12	30.00	1.00	Complies
165	5825	25.53	0.31	25.84	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.34	0.31	25.65	30.00	1.00	Complies
157	5785	25.47	0.31	25.78	30.00	1.00	Complies
165	5825	25.26	0.31	25.57	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	28.96	30.00	1.00	Complies
157	5785	28.96	30.00	1.00	Complies
165	5825	28.71	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	25.37	0.47	25.84	30.00	1.00	Complies
159	5795	25.55	0.47	26.02	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.58	0.47	25.05	30.00	1.00	Complies
159	5795	25.15	0.47	25.62	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	28.48	30.00	1.00	Complies
159	5795	28.84	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	25.25	1.31	26.56	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	25.01	1.31	26.32	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	29.45	30.00	1.00	Complies

Beamforming

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	20.80	0.30	21.10	28.49	0.71	Complies
44	5220	24.14	0.30	24.44	28.49	0.71	Complies
48	5240	22.58	0.30	22.88	28.49	0.71	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.37	0.30	19.67	28.49	0.71	Complies
44	5220	23.25	0.30	23.55	28.49	0.71	Complies
48	5240	22.75	0.30	23.05	28.49	0.71	Complies

Test Mode	UNII-1_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	23.45	28.49	0.71	Complies
44	5220	27.02	28.49	0.71	Complies
48	5240	25.97	28.49	0.71	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	20.72	0.38	21.10	28.49	0.71	Complies
46	5230	24.04	0.38	24.42	28.49	0.71	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.45	0.38	19.83	28.49	0.71	Complies
46	5230	22.86	0.38	23.24	28.49	0.71	Complies

Test Mode	UNII-1_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	23.52	28.49	0.71	Complies
46	5230	26.88	28.49	0.71	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	25.41	0.30	25.71	28.49	0.71	Complies
157	5785	25.25	0.30	25.55	28.49	0.71	Complies
165	5825	25.30	0.30	25.60	28.49	0.71	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.83	0.30	25.13	28.49	0.71	Complies
157	5785	25.01	0.30	25.31	28.49	0.71	Complies
165	5825	25.01	0.30	25.31	28.49	0.71	Complies

Test Mode	UNII-3_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	28.44	28.49	0.71	Complies
157	5785	28.44	28.49	0.71	Complies
165	5825	28.46	28.49	0.71	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.56	0.38	24.94	28.49	0.71	Complies
159	5795	24.64	0.38	25.02	28.49	0.71	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	23.76	0.38	24.14	28.49	0.71	Complies
159	5795	24.24	0.38	24.62	28.49	0.71	Complies

Test Mode	UNII-3_TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	27.57	28.49	0.71	Complies
159	5795	27.84	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.14	0.31	21.45	28.49	0.71	Complies
44	5220	24.22	0.31	24.53	28.49	0.71	Complies
48	5240	22.92	0.31	23.23	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.67	0.31	19.98	28.49	0.71	Complies
44	5220	23.33	0.31	23.64	28.49	0.71	Complies
48	5240	23.10	0.31	23.41	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	23.78	28.49	0.71	Complies
44	5220	27.11	28.49	0.71	Complies
48	5240	26.33	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	21.46	0.47	21.93	28.49	0.71	Complies
46	5230	24.66	0.47	25.13	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.96	0.47	20.43	28.49	0.71	Complies
46	5230	23.43	0.47	23.90	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	24.26	28.49	0.71	Complies
46	5230	27.57	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	20.57	1.31	21.88	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	19.21	1.31	20.52	28.49	0.71	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	24.26	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.71	0.31	25.02	28.49	0.71	Complies
157	5785	25.20	0.31	25.51	28.49	0.71	Complies
165	5825	25.21	0.31	25.52	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	24.14	0.31	24.45	28.49	0.71	Complies
157	5785	24.85	0.31	25.16	28.49	0.71	Complies
165	5825	25.04	0.31	25.35	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	27.75	28.49	0.71	Complies
157	5785	28.34	28.49	0.71	Complies
165	5825	28.44	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	25.27	0.47	25.74	28.49	0.71	Complies
159	5795	25.05	0.47	25.52	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	24.48	0.47	24.95	28.49	0.71	Complies
159	5795	24.64	0.47	25.11	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	28.38	28.49	0.71	Complies
159	5795	28.33	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	24.14	1.31	25.45	28.49	0.71	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	23.90	1.31	25.21	28.49	0.71	Complies

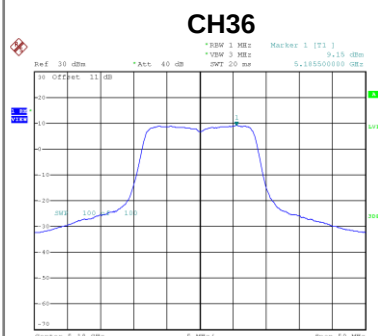
Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Conducted Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	28.34	28.49	0.71	Complies

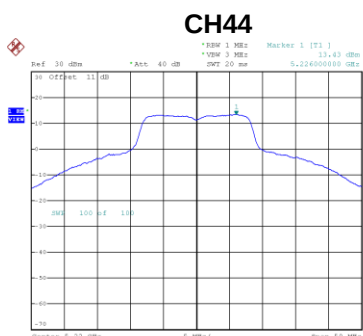
APPENDIX G - POWER SPECTRAL DENSITY

Test Mode	UNII-1_TX A Mode
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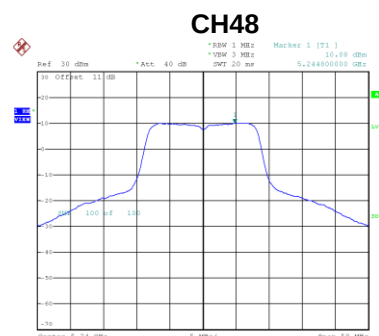
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.15	0.28	9.43	17.00	Complies
44	5220	13.43	0.28	13.71	17.00	Complies
48	5240	10.08	0.28	10.36	17.00	Complies



Date: 8.JAN.2021 11:04:29



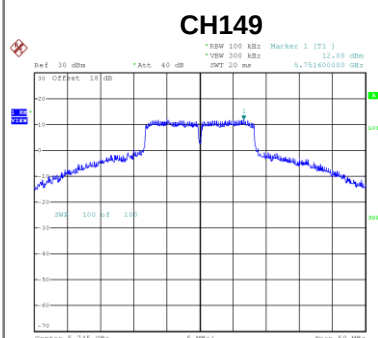
Date: 13.JAN.2021 11:19:29



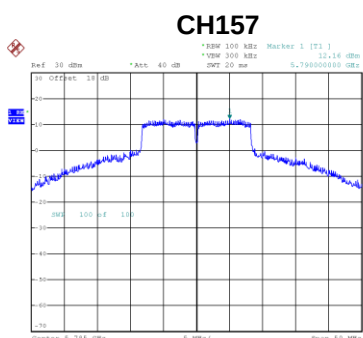
Date: 13.JAN.2021 11:24:45

Test Mode	UNII-3_TX A Mode
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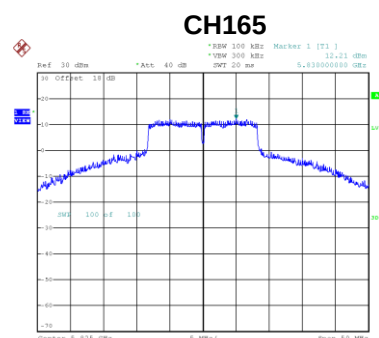
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	12.08	0.28	12.36	30.00	Complies
157	5785	12.16	0.28	12.44	30.00	Complies
165	5825	12.21	0.28	12.49	30.00	Complies



Date: 13.JAN.2021 11:27:21



Date: 13.JAN.2021 11:29:22

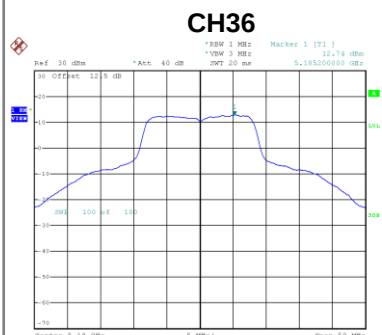


Date: 13.JAN.2021 11:30:45

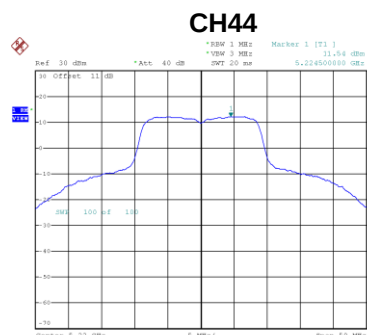
CDD

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1
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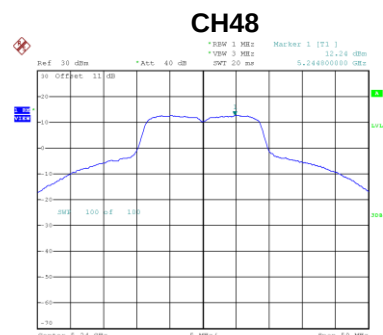
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	12.74	0.31	13.05	15.49	Complies
44	5220	11.54	0.31	11.85	15.49	Complies
48	5240	12.24	0.31	12.55	15.49	Complies



Date: 31.DEC.2020 15:05:25



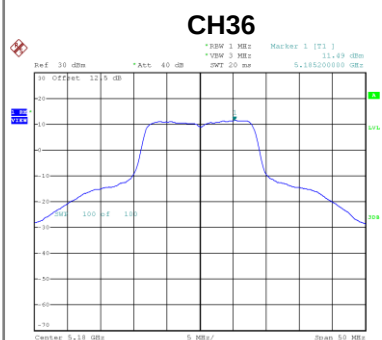
Date: 15.JAN.2021 10:51:25



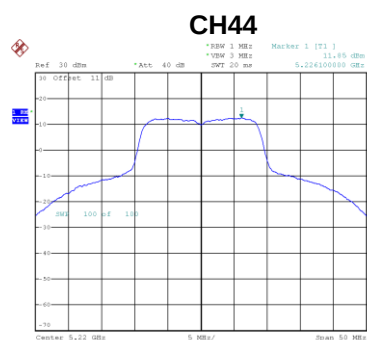
Date: 13.JAN.2021 11:39:51

Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2
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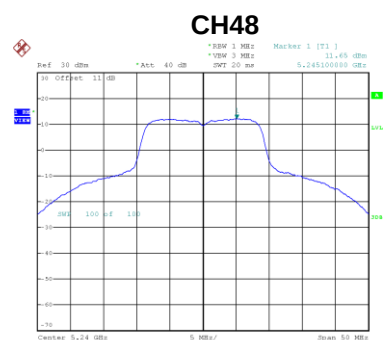
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	11.49	0.31	11.80	15.49	Complies
44	5220	11.85	0.31	12.16	15.49	Complies
48	5240	11.65	0.31	11.96	15.49	Complies



Date: 31.DEC.2020 15:06:59



Date: 15.JAN.2021 10:52:37



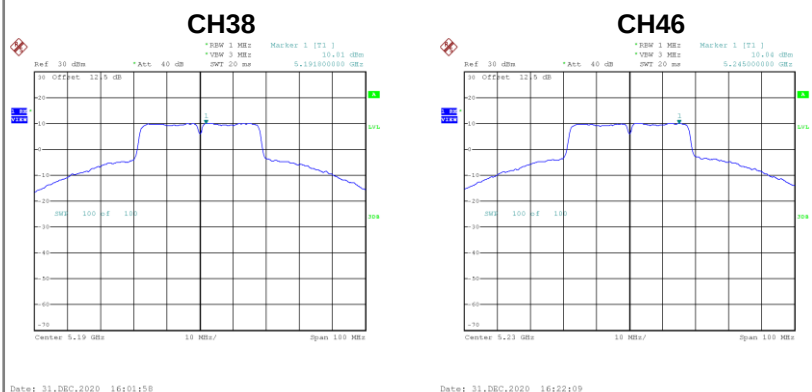
Date: 13.JAN.2021 11:42:05

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	15.48	15.49	Complies
44	5220	15.02	15.49	Complies
48	5240	15.28	15.49	Complies

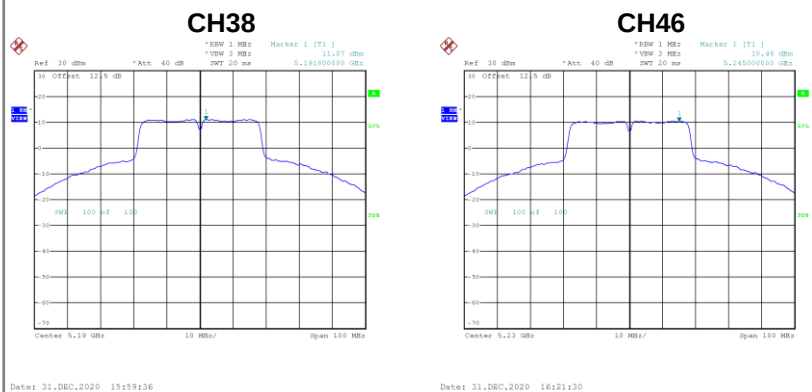
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	10.01	0.47	10.48	15.49	Complies
46	5230	10.04	0.47	10.51	15.49	Complies



Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	11.07	0.47	11.54	15.49	Complies
46	5230	10.46	0.47	10.93	15.49	Complies

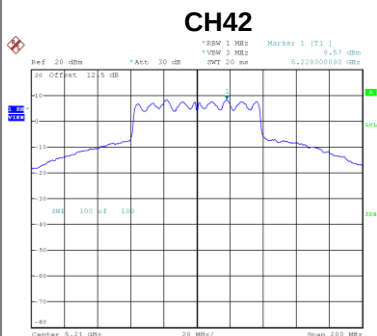


Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	14.05	15.49	Complies
46	5230	13.74	15.49	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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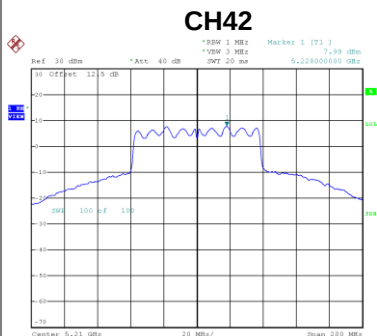
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	8.57	1.31	9.88	15.49	Complies



Date: 31.DEC.2020 16:32:11

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	7.99	1.31	9.30	15.49	Complies



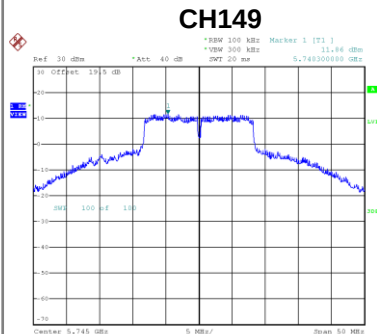
Date: 31.DEC.2020 16:28:45

Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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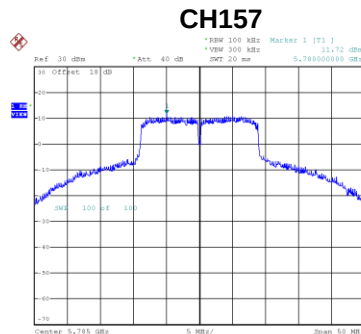
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	12.61	15.49	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1
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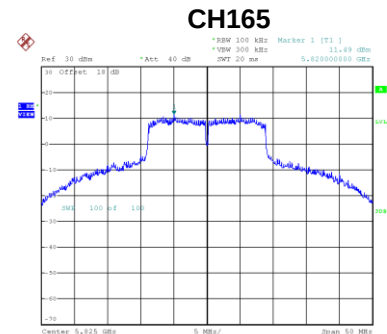
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	11.86	0.31	12.17	28.49	Complies
157	5785	11.72	0.31	12.03	28.49	Complies
165	5825	11.49	0.31	11.80	28.49	Complies



Date: 31.DEC.2020 17:57:08



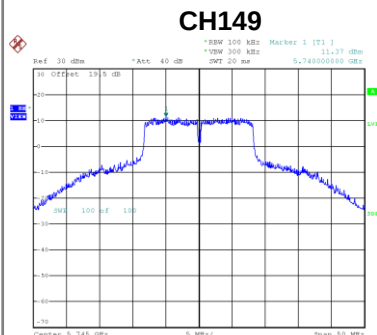
Date: 13.JAN.2021 12:11:02



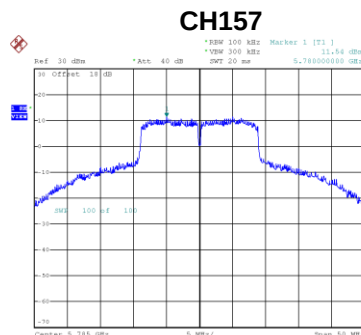
Date: 13.JAN.2021 14:16:30

Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2
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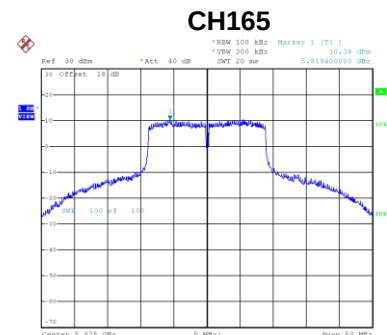
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	11.37	0.31	11.68	28.49	Complies
157	5785	11.54	0.31	11.85	28.49	Complies
165	5825	10.38	0.31	10.69	28.49	Complies



Date: 31.DEC.2020 17:58:51



Date: 13.JAN.2021 12:29:02



Date: 19.JAN.2021 20:25:43

Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	14.94	28.49	Complies
157	5785	14.95	28.49	Complies
165	5825	14.29	28.49	Complies

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	7.31	0.47	7.78	28.49	Complies
159	5795	6.76	0.47	7.23	28.49	Complies



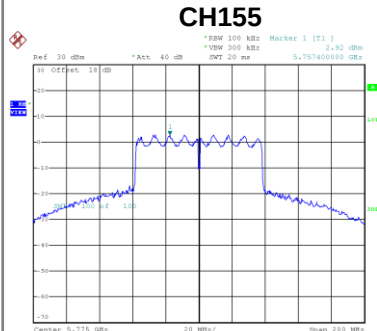
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	6.92	0.47	7.39	28.49	Complies
159	5795	6.78	0.47	7.25	28.49	Complies



Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	10.60	28.49	Complies
159	5795	10.25	28.49	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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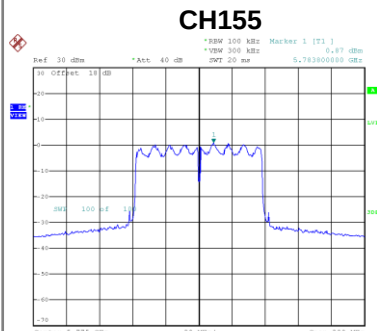
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	2.92	1.31	4.23	28.49	Complies



Date: 13.JAN.2021 14:33:59

Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
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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	0.87	1.31	2.18	28.49	Complies



Date: 13.JAN.2021 14:31:57

Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	6.34	28.49	Complies

End of Test Report