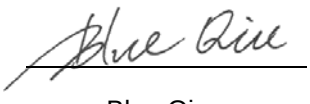
FCC &ISED Radio Test Report

FCC ID: 2AC23-WC16
IC:12290A-WC16

The report concerns: Class II Permissive Change

Report Reference No. ..... :	20EFAS07104 5831
Date Sample(s) Received ..... :	2020-03-21, 2020-07-17
Date of Tested ..... :	2020-03-21 to 2020-04-08 2020-07-17 to 2020-08-28
Date of issue ..... :	2020-08-29
Testing Laboratory..... :	DongGuan ShuoXin Electronic Technology Co., Ltd.
Address ..... :	Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China
Applicant's name ..... :	Hui Zhou Gaoshengda Technology Co., LTD
Address ..... :	NO.75 Zhongkai Development Area, Huizhou, Guangdong
Manufacturer ..... :	Hui Zhou Gaoshengda Technology Co., LTD
Equipment ..... :	WIFI Module
Trade Mark ..... :	GSD
Model ..... :	WC16R2601, WC16R2601F
Ratings ..... :	I/P: DC 3.3V

Test Engineer:



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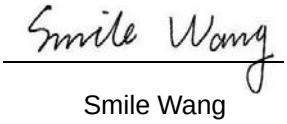
Responsible Engineer :



Smile Wang

Authorized Signatory:

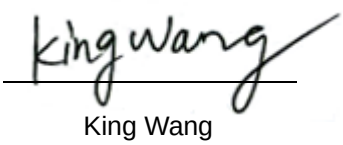


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Table of Contents Page

Table of Contents Page

1. TEST REPORT DECLARE

Applicant	Hui Zhou Gaoshengda Technology Co., LTD
Address	NO.75 Zhongkai Development Area, Huizhou, Guangdong
Manufacturer	Hui Zhou Gaoshengda Technology Co., LTD
Address	NO.75 Zhongkai Development Area, Huizhou, Guangdong
Factory	Hui Zhou Gaoshengda Technology Co., LTD
Address	NO.75 Zhongkai Development Area, Huizhou, Guangdong
Equipment	WIFI Module
Model No.	WC16R2601, WC16R2601F
Issued History	This report is based on the original report No. 20EFAS03132 1981 to change the PCB layout and then add the model WC16R2601F, the WC16R2601 and WC16R2601F only differ in power supply port, the RF chip has not changed, so we re-tested the radiation emission and band edge emission.
Trade Mark	GSD
Standard	FCC Part15, Subpart E(15.407) RSS-247 Issue 2, Feb. 2017 RSS-Gen Issue 5, Apr. 2018 ANSI C63.10-2013 FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

We Declare:

The equipment described above is tested by DongGuan ShuoXin Electronic Technology Co., Ltd(ATT). and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and DongGuan ShuoXin Electronic Technology Co., Ltd.(ATT) is assumed of full responsibility for the accuracy and completeness of these tests.

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

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

2. SUMMARY OF TEST RESULTS

The EUT have been tested according to the applicable standards as referenced below:

Standard(s) Section		Test Item	Judgment	Remark
FCC	IC			
15.207 15.407(b)	RSS-GEN 8.8	AC Power Line Conducted Emissions	PASS	------
15.407(b) 15.205(a) 15.209(a)	RSS-247 6.2.1.2 RSS-247 6.2.4.2 RSS-GEN 8.9 RSS-GEN 8.10	Radiated Emissions	PASS	------
15.407(a) 15.407(e)	RSS-247 6.2.1.1 RSS-247 6.2.2.1 RSS-247 6.2.3.1 RSS-247 6.2.4.1 RSS-GEN 6.7	Spectrum Bandwidth	PASS	------
15.407(a)	RSS-247 6.2.1.1 RSS-247 6.2.2.1 RSS-247 6.2.3.1 RSS-247 6.2.4.1	Maximum Output Power	PASS	------
15.407(a)	RSS-247 6.2.1.1 RSS-247 6.2.2.1 RSS-247 6.2.3.1 RSS-247 6.2.4.1	Power Spectral Density	PASS	------
15.407(g)	RSS-GEN 6.11	Frequency Stability	PASS	------
15.203	RSS-247 6.4(a)	Antenna Requirements	PASS	Note(4)
15.407(c)	RSS-GEN 8.8	Automatically Discontinue Transmission	PASS	Note(2)

Note:

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

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

(3) For UNII-1 this device was functioned as a
☐ Access point device ☒Client device

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

2.1MEASUREMENT UNCERTAINTY

Test Item	Uncertainty
Uncertainty for Conduction emission test (9kHz-150kHz)	3.7 dB
Uncertainty for Conduction emission test (150kHz-30MHz)	3.3 dB
Uncertainty for Radiation Emission test (30MHz-200MHz)	4.60 dB (Polarize: V)
	4.60 dB (Polarize: H)
Uncertainty for Radiation Emission test (200MHz-1GHz)	6.10 dB (Polarize: V)
	5.08 dB (Polarize: H)
Uncertainty for Radiation Emission test (1GHz-6GHz)	5.01 dB (Polarize: V)
	5.01 dB (Polarize: H)
Uncertainty for Radiation Emission test (6GHz-18GHz)	5.26 dB (Polarize: V)
	5.26 dB (Polarize: H)
Uncertainty for Radiation Emission test (18GHz-40GHz)	5.06 dB (Polarize: V)
	5.06 dB (Polarize: H)
Uncertainty for radio frequency	±0.048kHz
Uncertainty for conducted RF Power	±0.32dB

Note:

This uncertainty represents an expanded uncertainty expressed at approximately the 95%confidence level using a coverage factor of k=2.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	WIFI Module	
Brand Name	GSD	
Test Model	WC16R2601,WC16R2601F	
Series Model	N/A	
Model Difference(s)	N/A	
Hardware Version	V1.0	
Software Version	V1.0	
PowerSource	Supplied from USB.	
Power Rating	DC 3.3V	
Operation Frequency Bands	UNII-1: 5150 MHz~5250 MHz UNII-3: 5725 MHz~5850 MHz	
Modulation Type	OFDM	
Bit Rate of Transmitter	Up to 866.6Mbps	
Operating Mode	IEEE 802.11a: 1TX(Ant 1 or Ant 2) IEEE 802.11n (HT20): 2TX(Ant 1+Ant 2) IEEE 802.11n (HT40): 2TX(Ant 1+Ant 2) IEEE 802.11ac (VHT20): 2TX(Ant 1+Ant 2) IEEE 802.11ac (VHT40): 2TX(Ant 1+Ant 2) IEEE 802.11ac (VHT80): 2TX(Ant 1+Ant 2)	
Antenna Information	Antenna Type: PIFA	Maximum Peak Gain: 3dBi(Ant 1) 3dBi(Ant 2)
Maximum Output Power for UNII-1 For FCC	IEEE 802.11a: 16.26dBm (0.04230W) IEEE 802.11n (HT20): 18.27dBm (0.0671 W) IEEE 802.11n (HT40): 18.78dBm (0.0755 W) IEEE 802.11ac (VHT20): 18.68dBm (0.0738 W) IEEE 802.11ac (VHT40): 18.17dBm (0.0656 W) IEEE 802.11ac (VHT80): 16.18dBm (0.0415 W)	
Maximum EIRP Output Power for UNII-1 For IC	IEEE 802.11a: 19.26dBm (0.0843W) IEEE 802.11n (HT20): 21.27dBm (0.1340 W) IEEE 802.11n (HT40): 21.78dBm (0.1507 W) IEEE 802.11ac (VHT20): 21.68dBm (0.1472 W) IEEE 802.11ac (VHT40): 21.17dBm (0.1309 W) IEEE 802.11ac (VHT80): 19.18dBm (0.0828 W)	
Maximum Output Power for UNII-3	IEEE 802.11a: 15.43dBm (0.0349 W) IEEE 802.11n (HT20): 18.19dBm (0.0660 W) IEEE 802.11n (HT40): 18.44dBm (0.0698 W) IEEE 802.11ac (VHT20): 18.45dBm (0.0699 W) IEEE 802.11ac (VHT40): 18.43dBm (0.0697 W) IEEE 802.11ac (VHT80): 16.37dBm (0.0433 W)	

Note:

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

2. Channel List:

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

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

3.2 TEST MODES

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

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

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 13	TX N (HT40) Mode / CH46 (UNII-1)

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 13	TX N (HT40) Mode / CH46 (UNII-1)

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

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

Note:

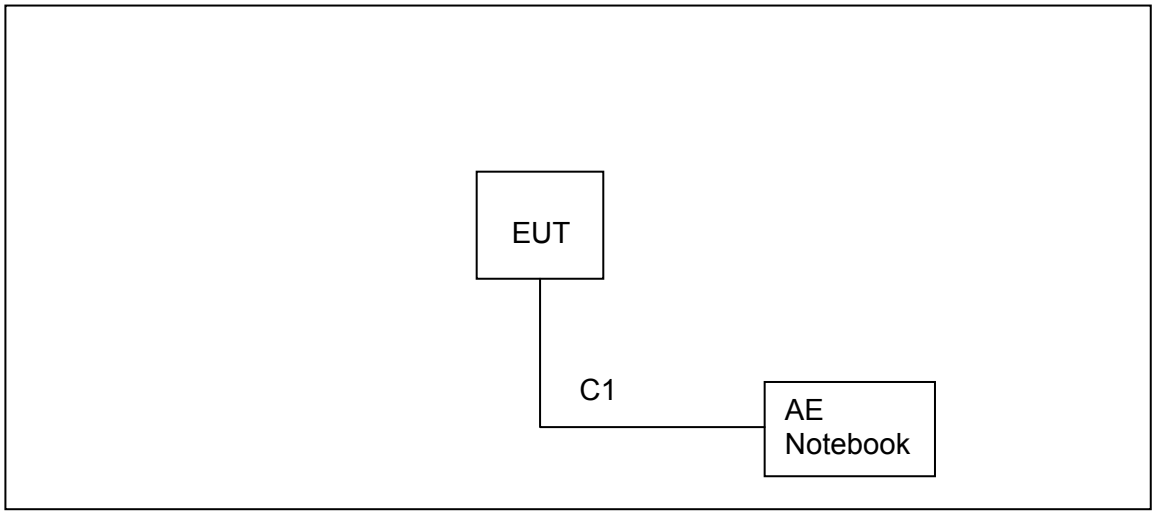
(1) For radiated emission below 1 GHz and AC power line conducted emissions test, the IEEE 802.11AC20channel 165is found to be the worst case and recorded.

3.3 PARAMETERS OF TEST SOFTWARE

UNII-1			
Test Software	MP_Kit_RTL11ac_8822CU		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11a	80	80	80
IEEE 802.11n (HT20)	80	75	70
IEEE 802.11ac (VHT20)	80	75	75
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	80	80	
IEEE 802.11ac (VHT40)	80	75	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	70		

UNII-3			
Test Software	MP_Kit_RTL11ac_8822CU		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11a	70	70	70
IEEE 802.11n (HT20)	67	70	70
IEEE 802.11ac (VHT20)	70	70	70
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	70	75	
IEEE 802.11ac (VHT40)	70	75	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	65		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
AE	Notebook	ACER	MS2367	32807810766

Item	Cable Type	Shielded Type	Ferrite Core	Length
C1	DC Cable	NO	NO	0.5m

3.6 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage
AC Power Line Conducted Emissions	25°C	53%	DC 3.3V
Radiated Emissions-9K-30MHz	25°C	60%	DC 3.3V
Radiated Emissions-30 MHz to 1GHz	24°C	68%	DC 3.3V
Radiated Emissions-Above 1000 MHz	24°C	68%	DC 3.3V
Spectrum Bandwidth	25.3°C	44.8%	DC 3.3V
Maximum Output Power	25.3°C	44.8%	DC 3.3V
Power Spectral Density	25.3°C	44.8%	DC 3.3V
Frequency Stability	Normal, Extreme	44.8%	Normal, Extreme

3.7 DUTY CYCLE

All tests are set to 100%duty cycle

IEEE 802.11a	IEEE 802.11n (HT20)	IEEE 802.11n (HT40)
0.00	0.00	0.00
IEEE 802.11ac (VHT20)	IEEE 802.11ac (VHT40)	IEEE 802.11ac (VHT80)
0.00	0.00	0.00

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%).

4. AC POWER LINE CONDUCTED EMISSIONS TEST

4.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.50	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

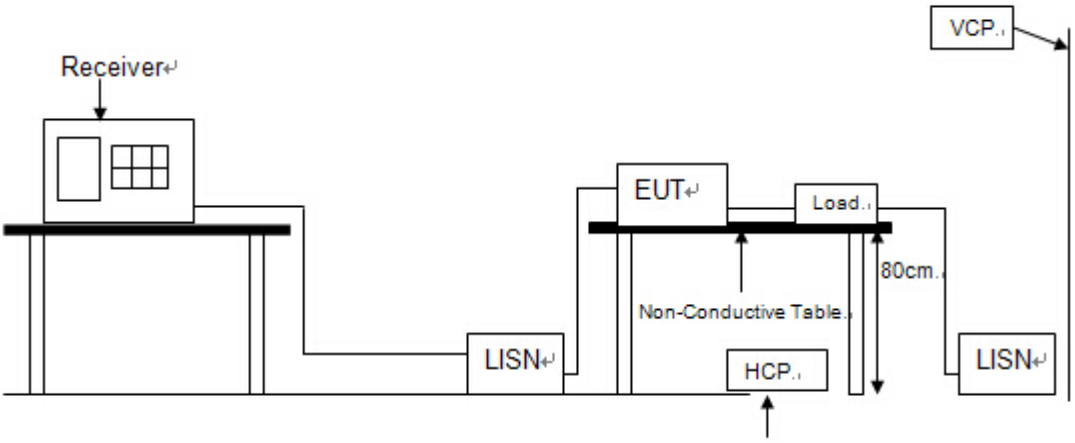
4.2 TEST PROCEDURE

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.

4.3 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Pulse Limiter	MTS-system technik	MTS-IMP-136	261115-010-0024	12/11/2020
2	EMI Test Receiver	R&S	ESCI	101308	12/11/2020
3	LISN	AFJ	LS16	16011103219	06/09/2020
4	LISN	Schwarzbeck	NSLK 8127	8127-432	12/11/2020
5	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

4.4 TESTSETUP



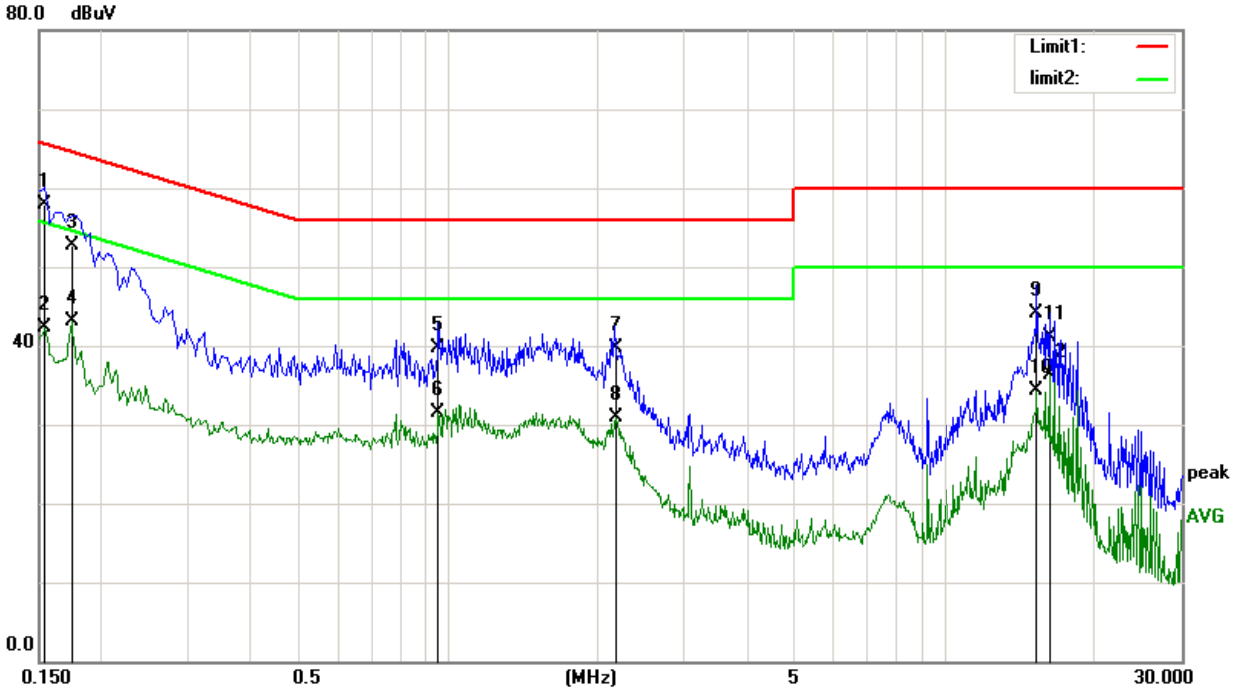
4.5 EUT OPERATION CONDITIONS

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.

4.6 TEST RESULTS

Test Mode:	TX N (HT40) Mode / CH46 (UNII-1)

Line

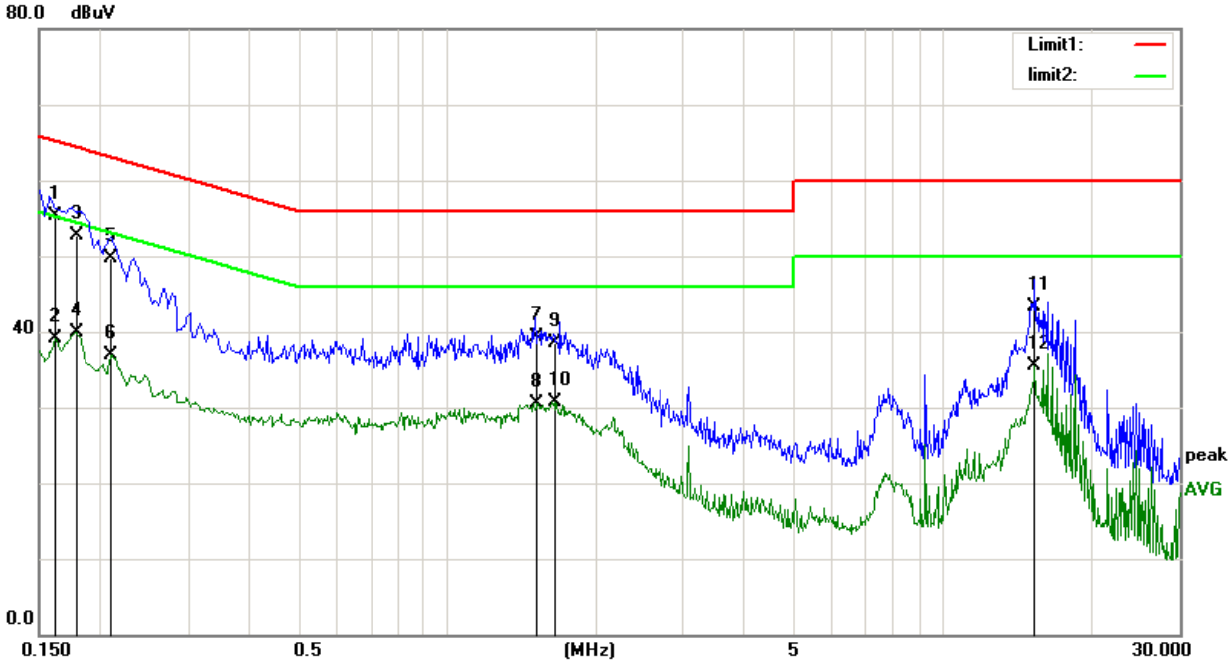


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1539	46.14	11.77	57.91	65.78	-7.87	QP
2	0.1539	30.52	11.77	42.29	55.78	-13.49	AVG
3	0.1740	41.09	11.59	52.68	64.76	-12.08	QP
4	0.1740	31.50	11.59	43.09	54.76	-11.67	AVG
5	0.9580	29.54	10.09	39.63	56.00	-16.37	QP
6	0.9580	21.48	10.09	31.57	46.00	-14.43	AVG
7	2.1780	29.54	10.22	39.76	56.00	-16.24	QP
8	2.1780	20.59	10.22	30.81	46.00	-15.19	AVG
9	15.3419	33.08	11.00	44.08	60.00	-15.92	QP
10	15.3419	23.28	11.00	34.28	50.00	-15.72	AVG
11	16.2658	30.14	11.04	41.18	60.00	-18.82	QP
12	16.2658	25.25	11.04	36.29	50.00	-13.71	AVG

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

Test Mode:	TX N (HT40) Mode / CH46 (UNII-1)

Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1620	43.65	11.70	55.35	65.36	-10.01	QP
2	0.1620	27.41	11.70	39.11	55.36	-16.25	AVG
3	0.1780	41.08	11.55	52.63	64.57	-11.94	QP
4	0.1780	28.43	11.55	39.98	54.57	-14.59	AVG
5	0.2100	38.44	11.26	49.70	63.20	-13.50	QP
6	0.2100	25.73	11.26	36.99	53.20	-16.21	AVG
7	1.5220	29.18	10.15	39.33	56.00	-16.67	QP
8	1.5220	20.43	10.15	30.58	46.00	-15.42	AVG
9	1.6460	28.27	10.17	38.44	56.00	-17.56	QP
10	1.6460	20.47	10.17	30.64	46.00	-15.36	AVG
11	15.3499	32.31	11.00	43.31	60.00	-16.69	QP
12	15.3499	24.54	11.00	35.54	50.00	-14.46	AVG

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

5. RADIATED EMISSIONSTEST

5.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a)&RSS-Gen 8.10, then the 15.209(a)&RSS-Gen 8.9 limit in the table below has to be followed.

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 Note(2)	68.3
	10 Note(2)	105.3
	15.6 Note(2)	110.9
	27 Note(2)	122.3

Note:

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

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

(3) Radiation larger than 26.5GHz is background, so the following data only measures the maximum 26.5GHz

(4) Duty Cycle compensation less than 98% has been compensated in the test software prior to the implementation of the test

5.2 TEST PROCEDURE

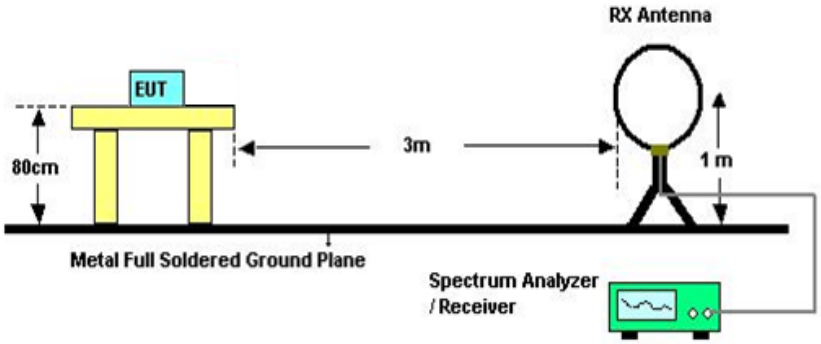
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. The test result is calculated as the following:
(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

5.3 MEASUREMENT INSTRUMENTS LIST

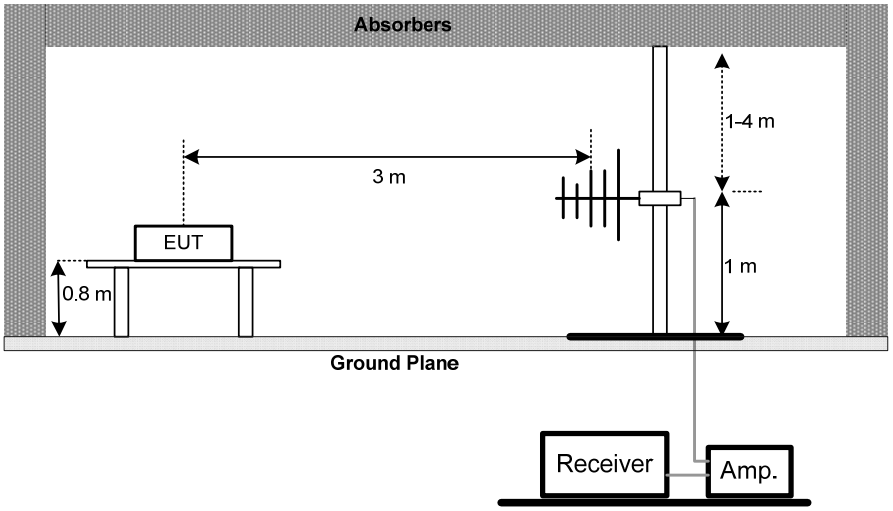
Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	101307	12/12/2020
2	Spectrum Analyzer	Agilent	E4407B	US40240708	11/17/2020
3	Loop antenna	SCHWARZBECK K	FMZB1519	1519-062	12/14/2020
4	Broadband antenna	SCHWARZBECK	VULB9168	VULB9168-192	03/22/2021
5	HORN ANTENNA	SCHWARZBECK	BBHA9120D	BBHA 9120D 1065	04/21/2021
6	Preamplifier Amplifier	HP	8447F	3113A05680	12/11/2020
7	PRE-AMPLIFIER	CY	EMC011830	980136	12/11/2020
8	RF Cable	R&S	Test Cable 4	4	12/11/2020
9	RF Cable	R&S	Test Cable 5	5	12/11/2020
10	RF Cable	R&S	Test Cable 9	9	04/21/2021
11	RF Cable	R&S	Test Cable 10	10	12/11/2020
12	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

5.4 TESTSETUP

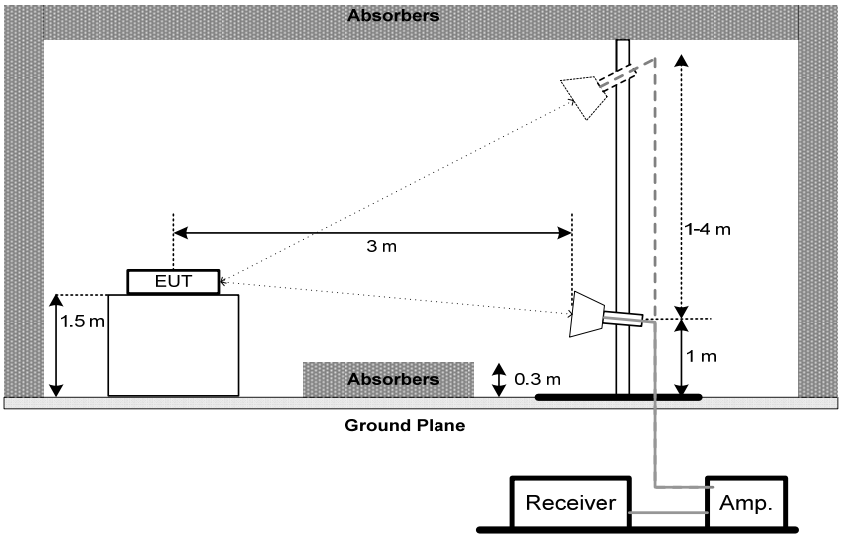
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS - 9 KHZ to 30MHZ

Test Mode:	TX N (HT40) Mode / CH46 (UNII-1) WC16R2601

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

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

Test Mode:	TX N (HT40) Mode / CH46 (UNII-1) WC16R2601F

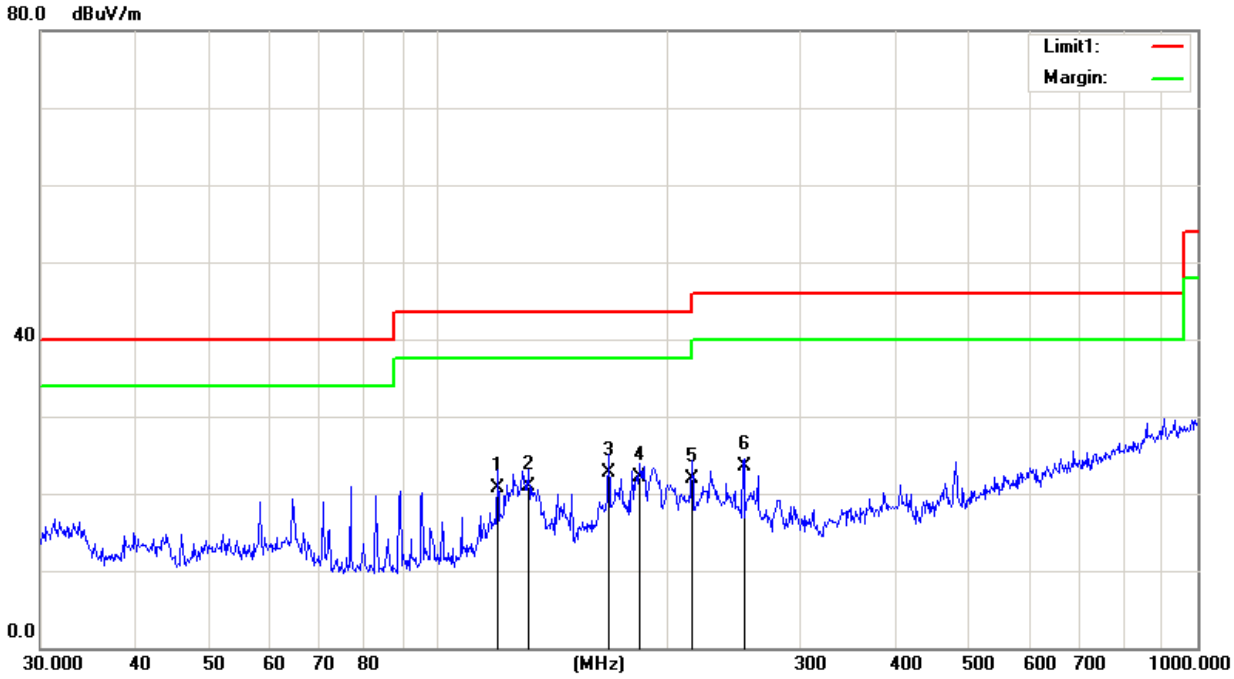
Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

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

5.7 TEST RESULTS - 30 MHz TO 1000 MHz

Test Mode:	TX N (HT40) Mode / CH46 (UNII-1)

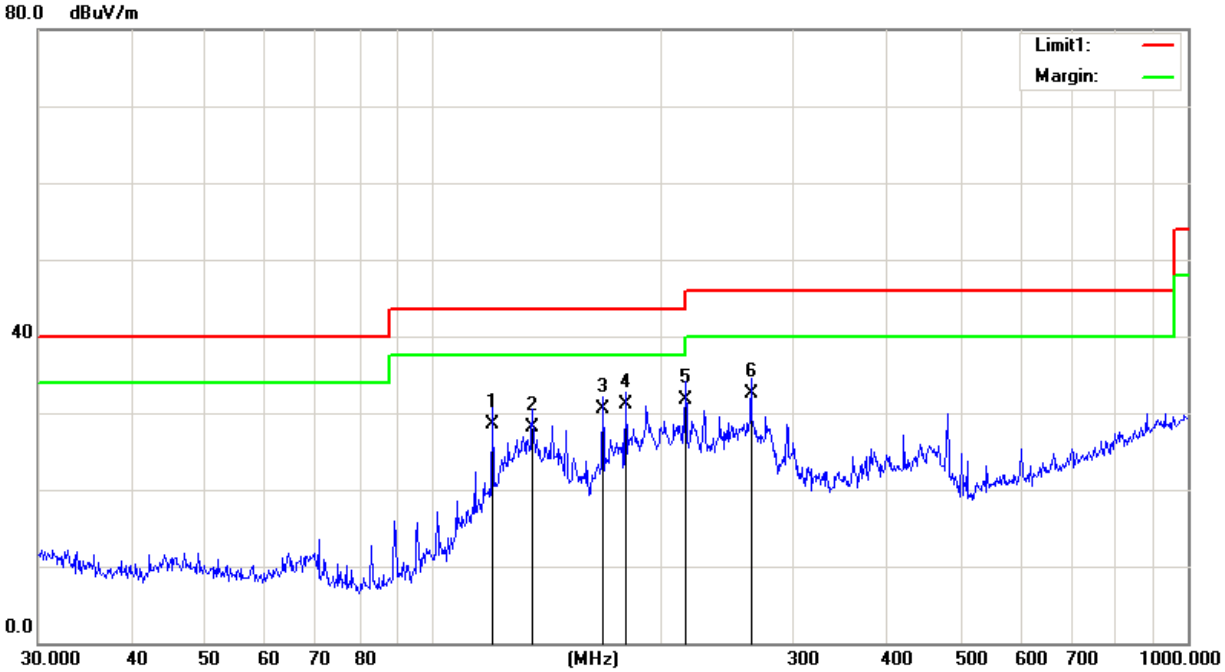
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	119.8556	33.69	-12.89	20.80	43.50	-22.70	QP
2	131.7577	33.04	-12.06	20.98	43.50	-22.52	QP
3	167.8243	33.28	-10.48	22.80	43.50	-20.70	QP
4	184.4898	33.14	-11.11	22.03	43.50	-21.47	QP
5	216.0240	32.41	-10.58	21.83	46.00	-24.17	QP
6	252.9482	31.95	-8.44	23.51	46.00	-22.49	QP

Test Mode:	TX N (HT40) Mode / CH46 (UNII-1)

Horizontal

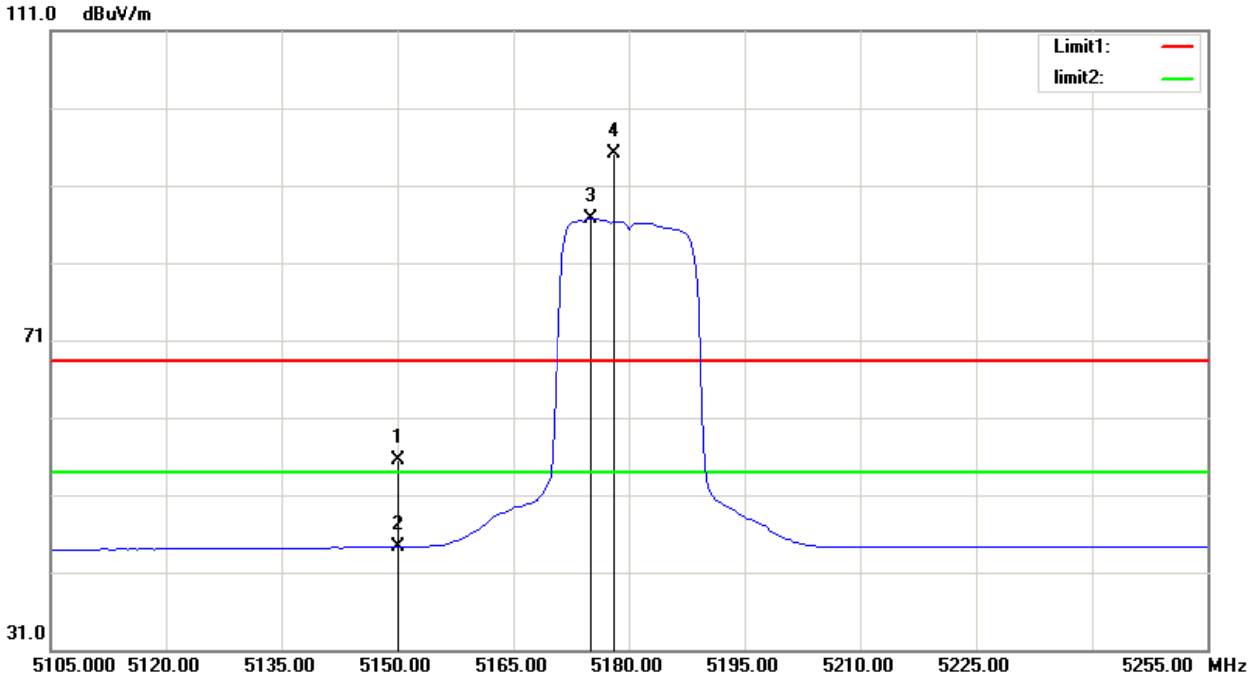


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	119.8556	42.36	-13.89	28.47	43.50	-15.03	QP
2	135.5062	41.08	-12.89	28.19	43.50	-15.31	QP
3	167.8243	41.38	-10.91	30.47	43.50	-13.03	QP
4	180.0165	40.91	-9.72	31.19	43.50	-12.31	QP
5	216.0240	41.02	-9.38	31.64	46.00	-14.36	QP
6	263.8190	37.35	-4.76	32.59	46.00	-13.41	QP

5.8 TEST RESULTS – ABOVE 1000 MHz(BAND EDGE)

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

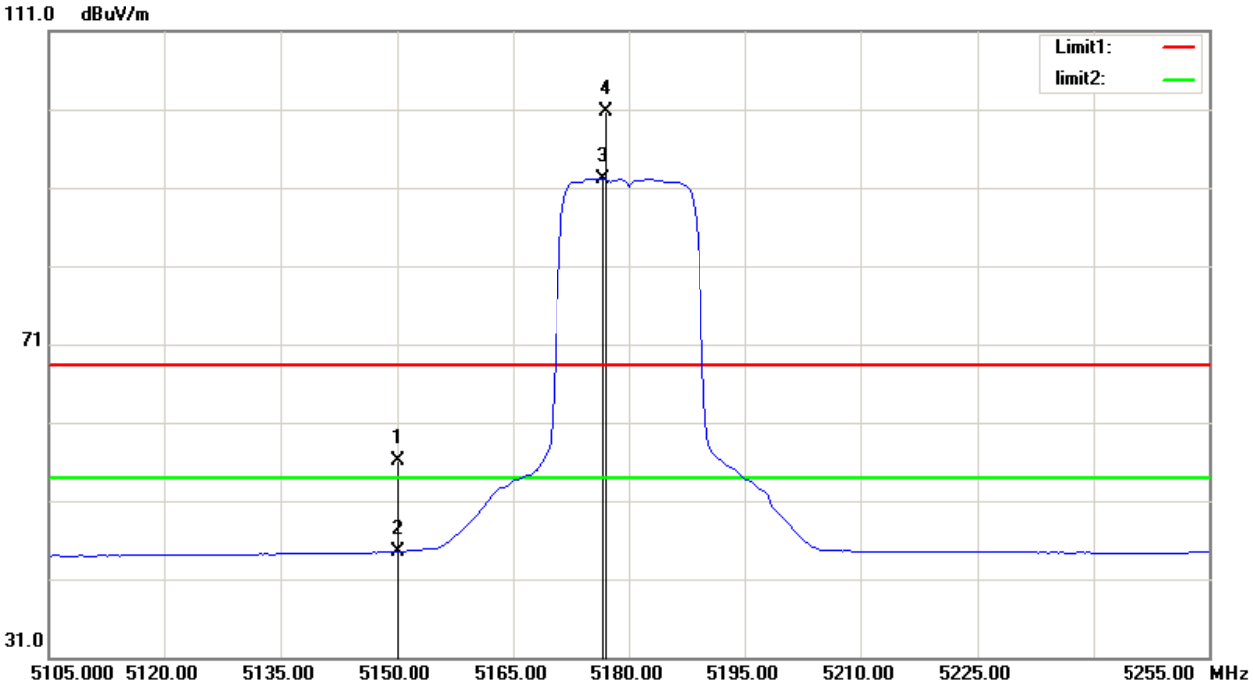
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.63	34.94	55.57	68.30	-12.73	peak
2	5150.000	9.34	34.94	44.28	54.00	-9.72	AVG
3	5175.125	51.63	35.01	86.64	/	/	AVG
4	5178.125	60.07	35.02	95.09	/	/	peak

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

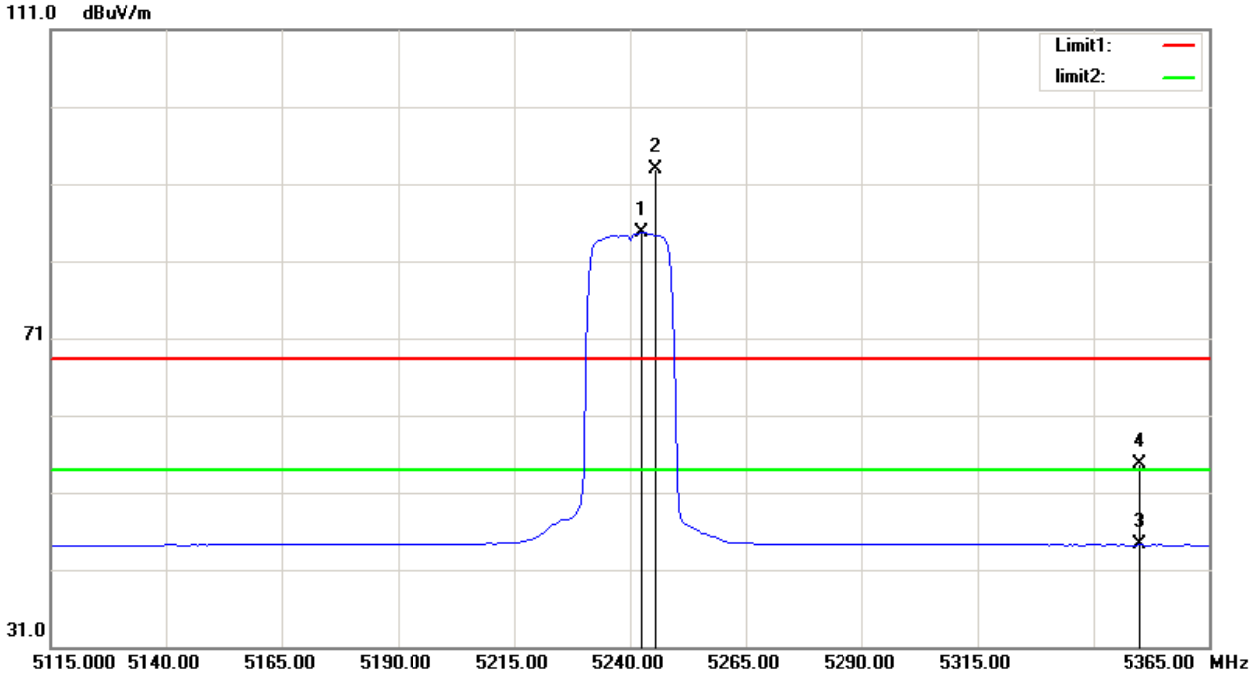
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.20	34.94	56.14	68.30	-12.16	peak
2	5150.000	9.57	34.94	44.51	54.00	-9.49	AVG
3	5176.625	57.09	35.01	92.10	/	/	AVG
4	5177.000	65.72	35.01	100.73	/	/	peak

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

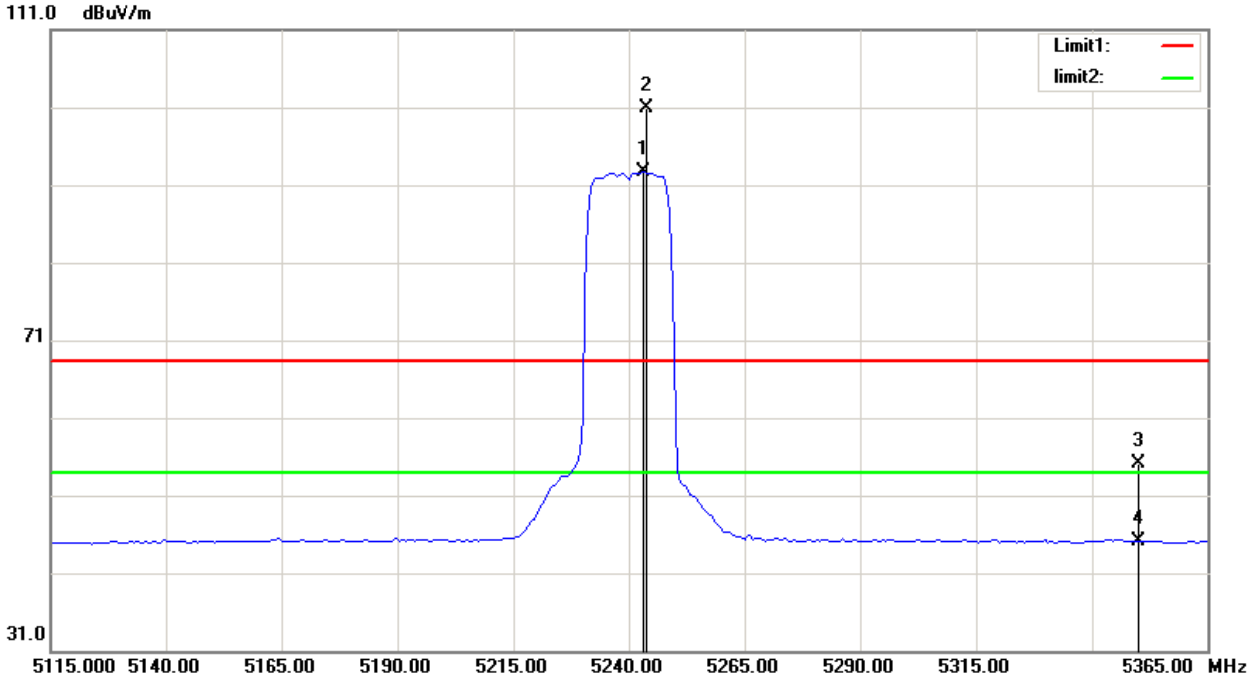
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5242.500	49.51	35.20	84.71	/	/	AVG
2	5245.625	57.79	35.21	93.00	/	/	peak
3	5350.000	8.70	35.50	44.20	54.00	-9.80	AVG
4	5350.000	19.19	35.50	54.69	68.30	-13.61	peak

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

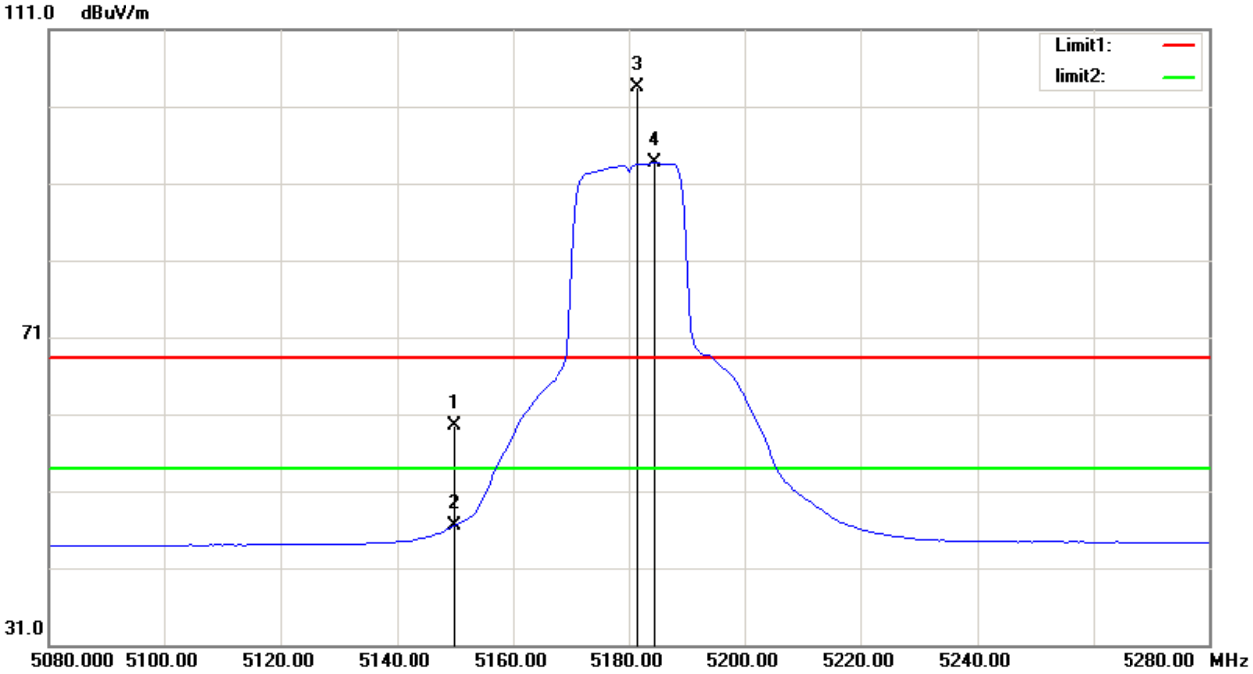
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5243.125	57.44	35.20	92.64	/	/	AVG
2	5243.750	65.67	35.20	100.87	/	/	peak
3	5350.000	19.53	35.50	55.03	68.30	-13.27	peak
4	5350.000	9.64	35.50	45.14	54.00	-8.86	AVG

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

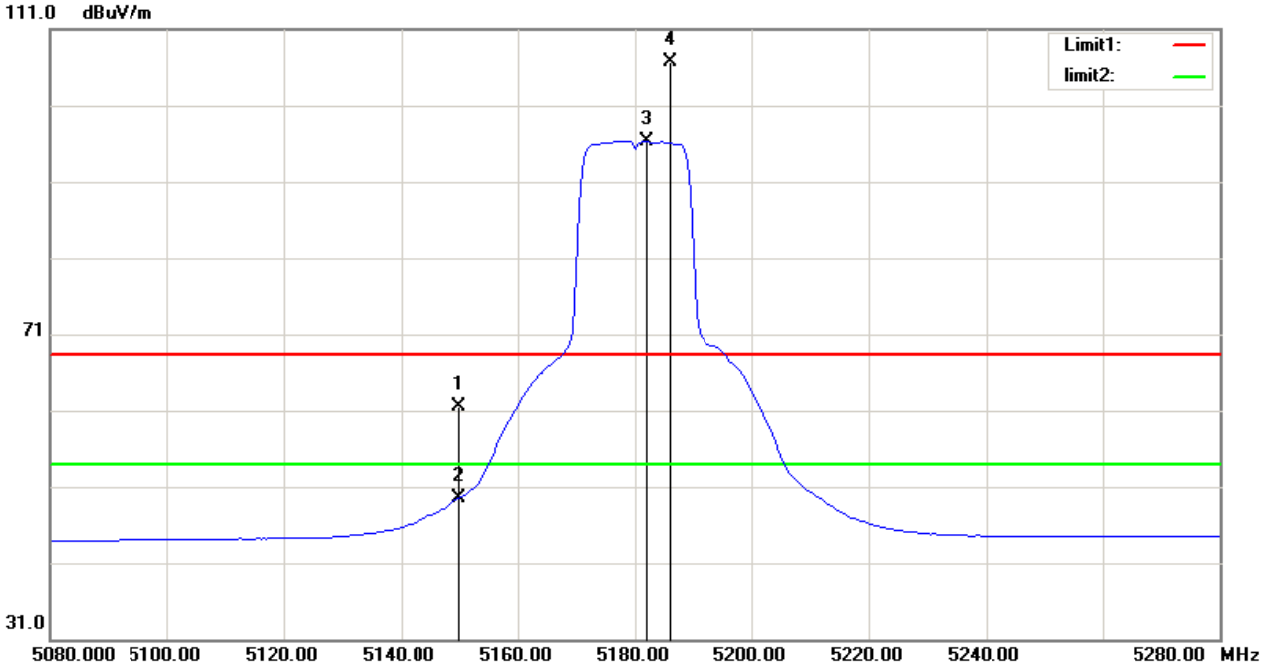
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	24.55	34.94	59.49	68.30	-8.81	peak
2	5150.000	11.55	34.94	46.49	54.00	-7.51	AVG
3	5181.500	68.42	35.03	103.45	/	/	peak
4	5184.500	58.60	35.04	93.64	/	/	AVG

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

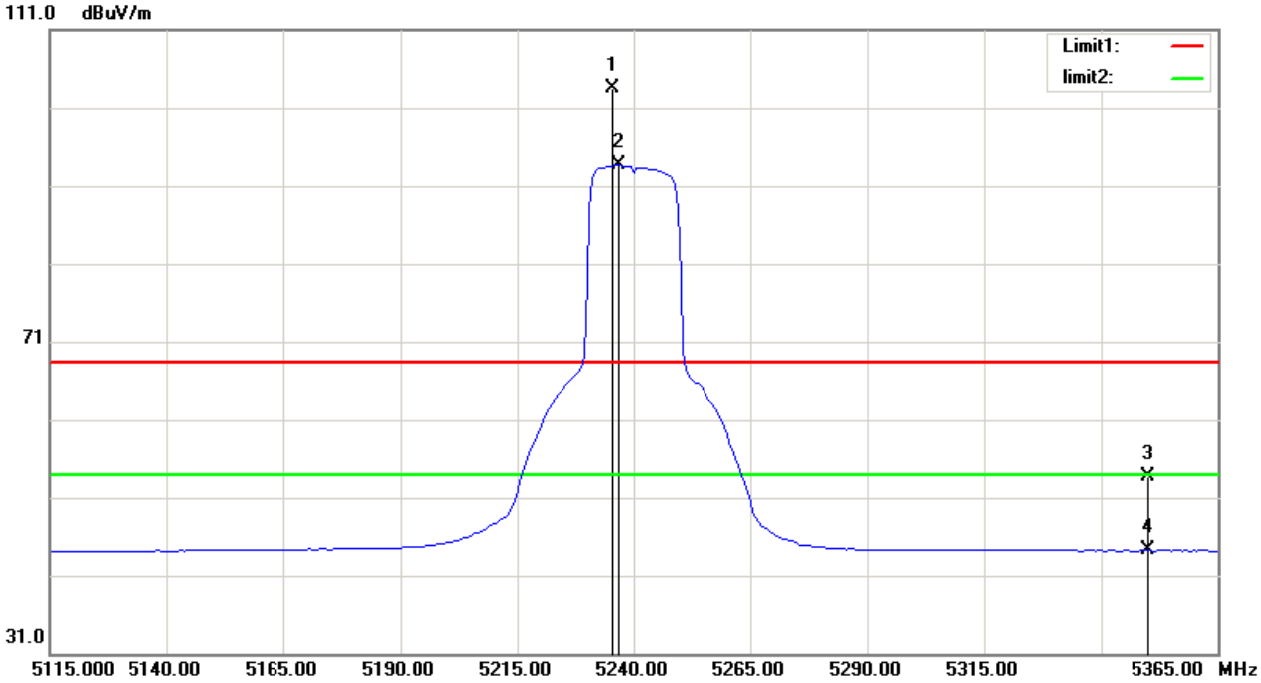
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	26.66	34.94	61.60	68.30	-6.70	peak
2	5150.000	14.55	34.94	49.49	54.00	-4.51	AVG
3	5182.000	61.20	35.03	96.23	/	/	AVG
4	5186.000	71.66	35.05	106.71	/	/	peak

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

Vertical

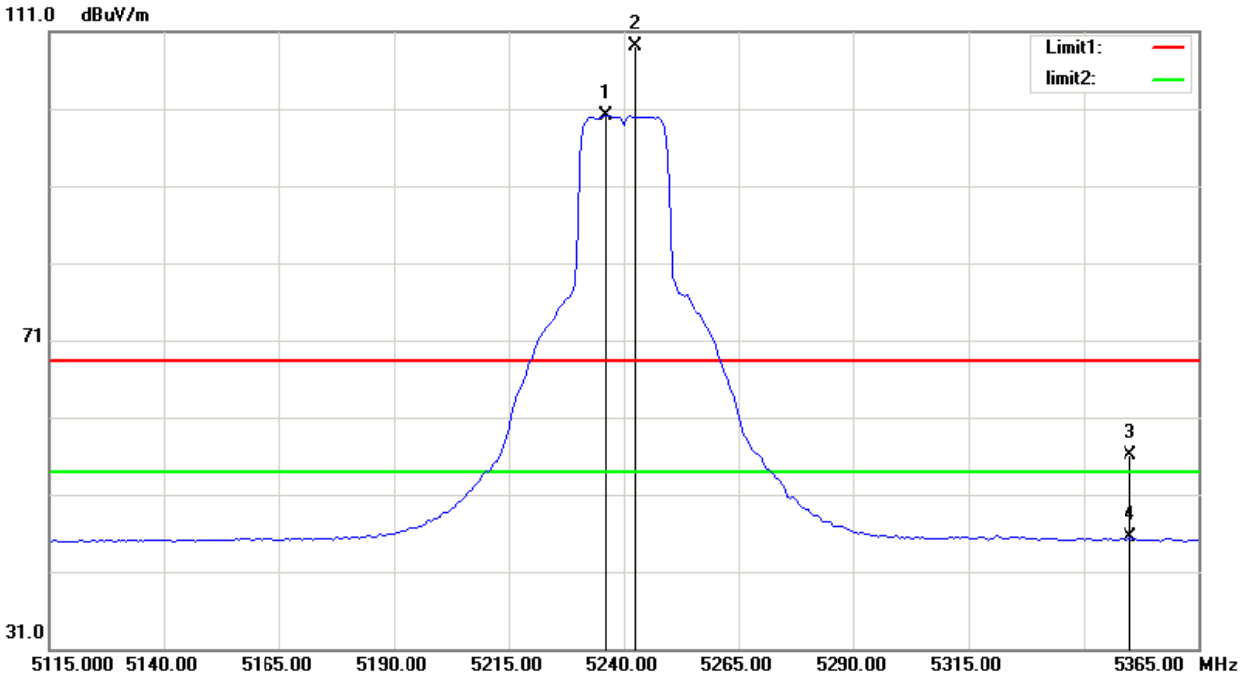


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5235.625	68.26	35.19	103.45	/	/	peak
2	5236.875	58.45	35.19	93.64	/	/	peak
3	5350.000	18.20	35.50	53.70	68.30	-14.60	peak
4	5350.000	8.73	35.50	44.23	54.00	-9.77	AVG

.

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

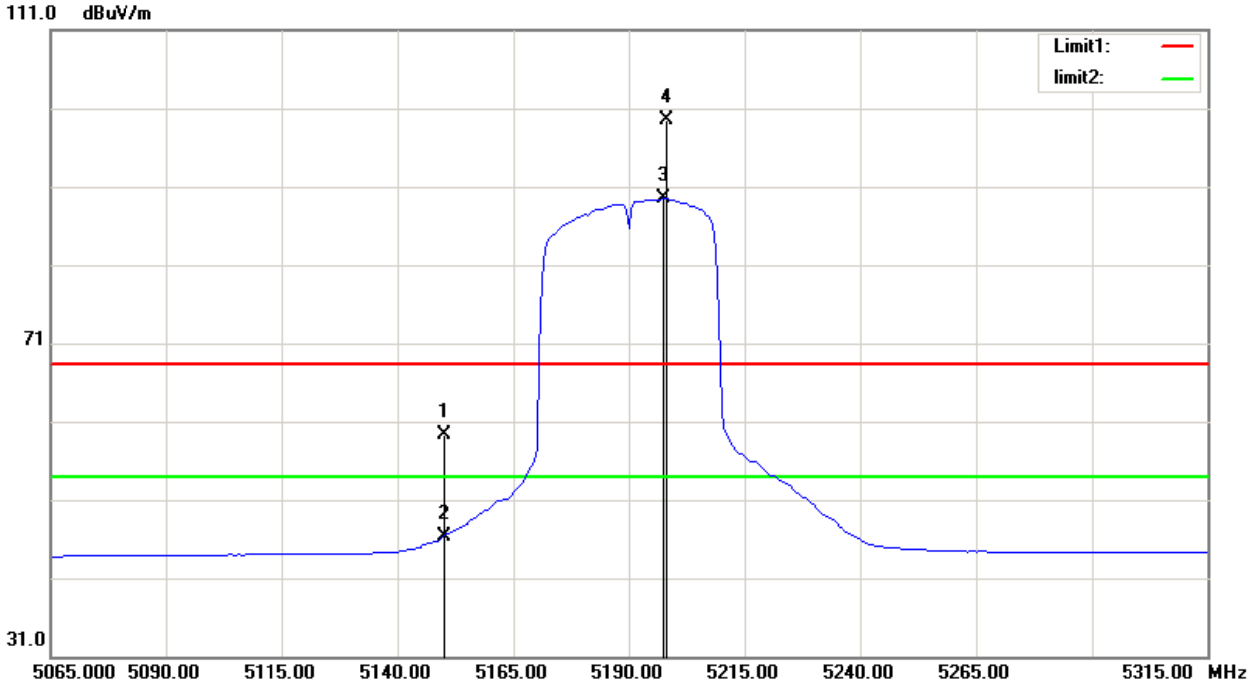
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5236.250	64.84	35.19	100.03	/	/	AVG
2	5242.500	73.96	35.20	109.16	/	/	peak
3	5350.000	20.63	35.50	56.13	68.30	-12.17	peak
4	5350.000	10.01	35.50	45.51	54.00	-8.49	AVG

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

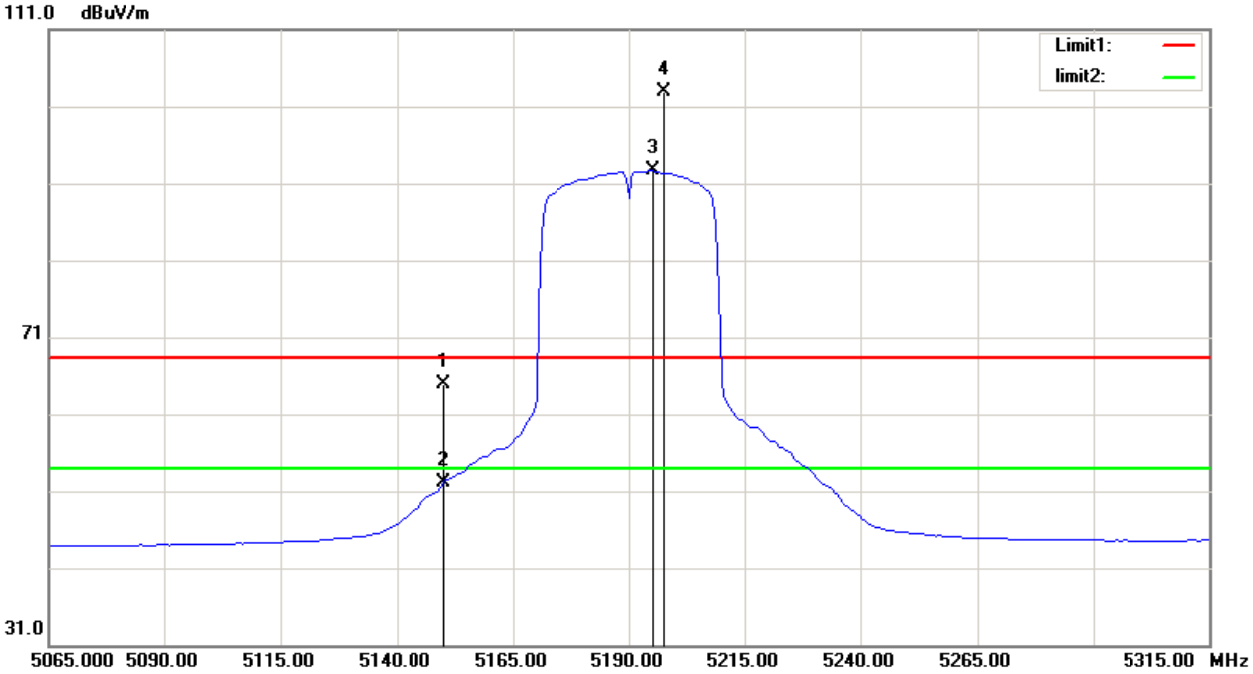
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	24.27	34.94	59.21	68.30	-9.09	peak
2	5150.000	11.46	34.94	46.40	54.00	-7.60	AVG
3	5197.500	54.38	35.07	89.45	/	/	AVG
4	5198.125	64.38	35.08	99.46	/	/	peak

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

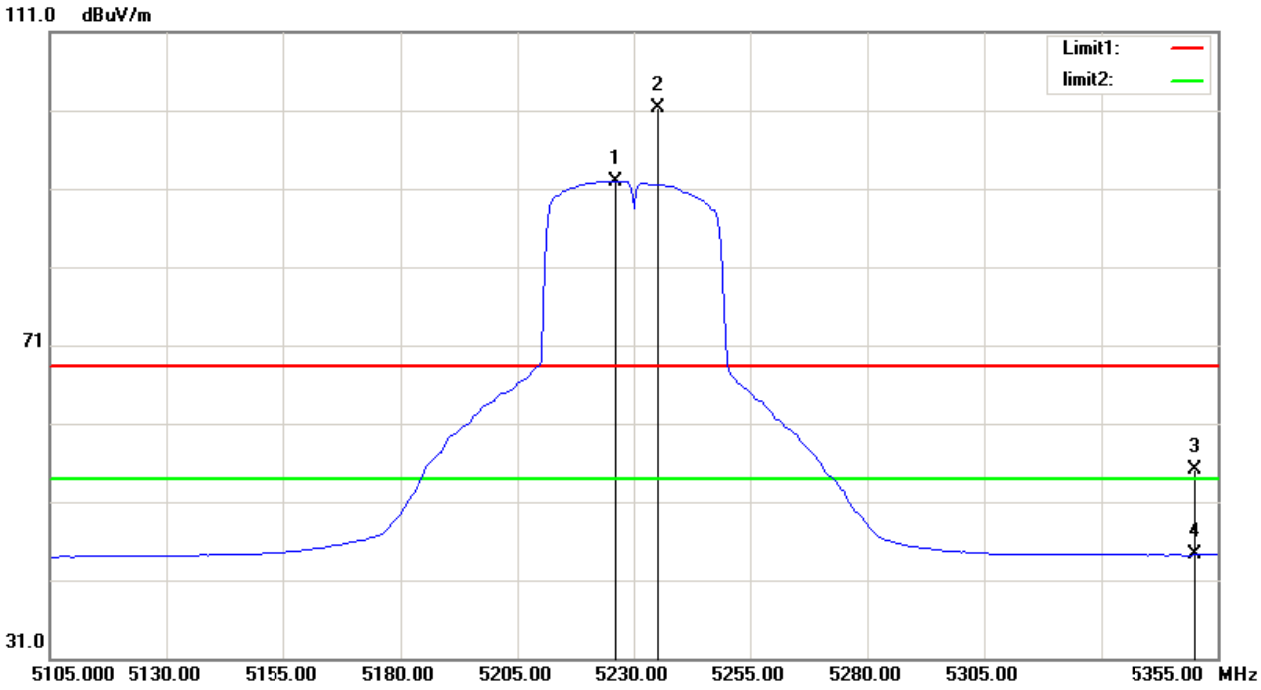
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	30.03	34.94	64.97	68.30	-3.33	peak
2	5150.000	17.13	34.94	52.07	54.00	-1.93	AVG
3	5195.000	57.56	35.07	92.63	/	/	AVG
4	5197.500	67.77	35.07	102.84	/	/	peak

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

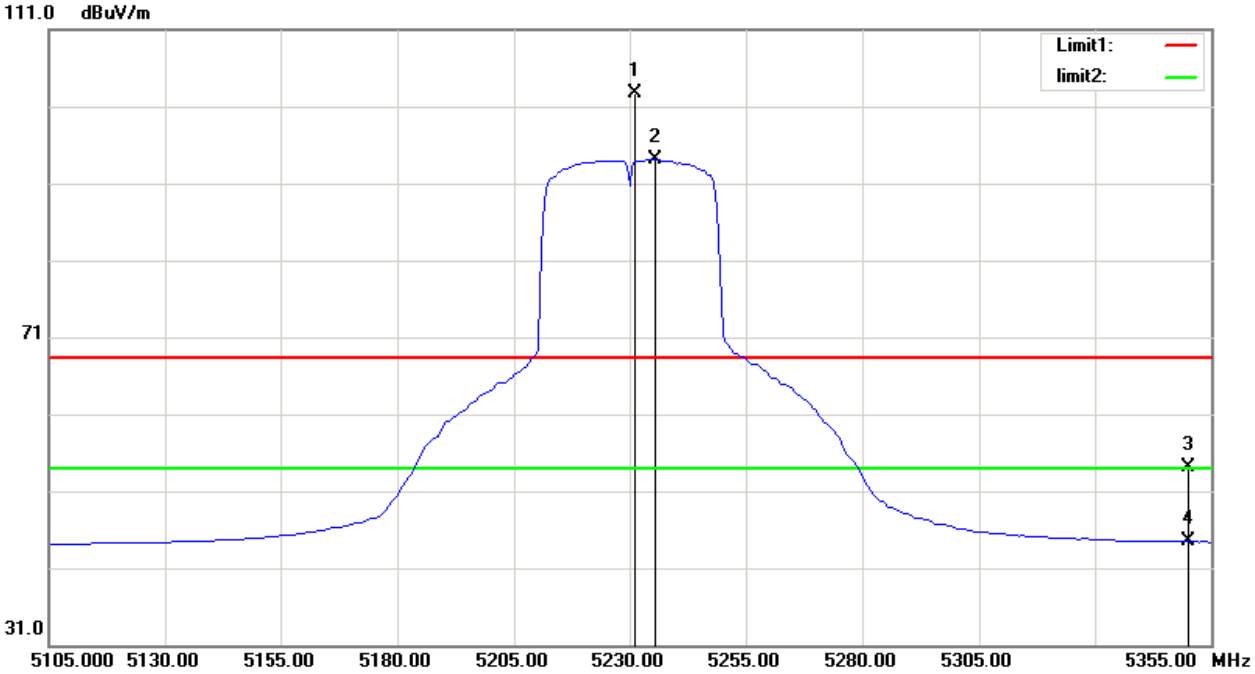
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5226.250	56.82	35.15	91.97	/	/	AVG
2	5235.000	66.08	35.18	101.26	/	/	peak
3	5350.000	19.66	35.50	55.16	68.30	-13.14	peak
4	5350.000	8.72	35.50	44.22	54.00	-9.78	AVG

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

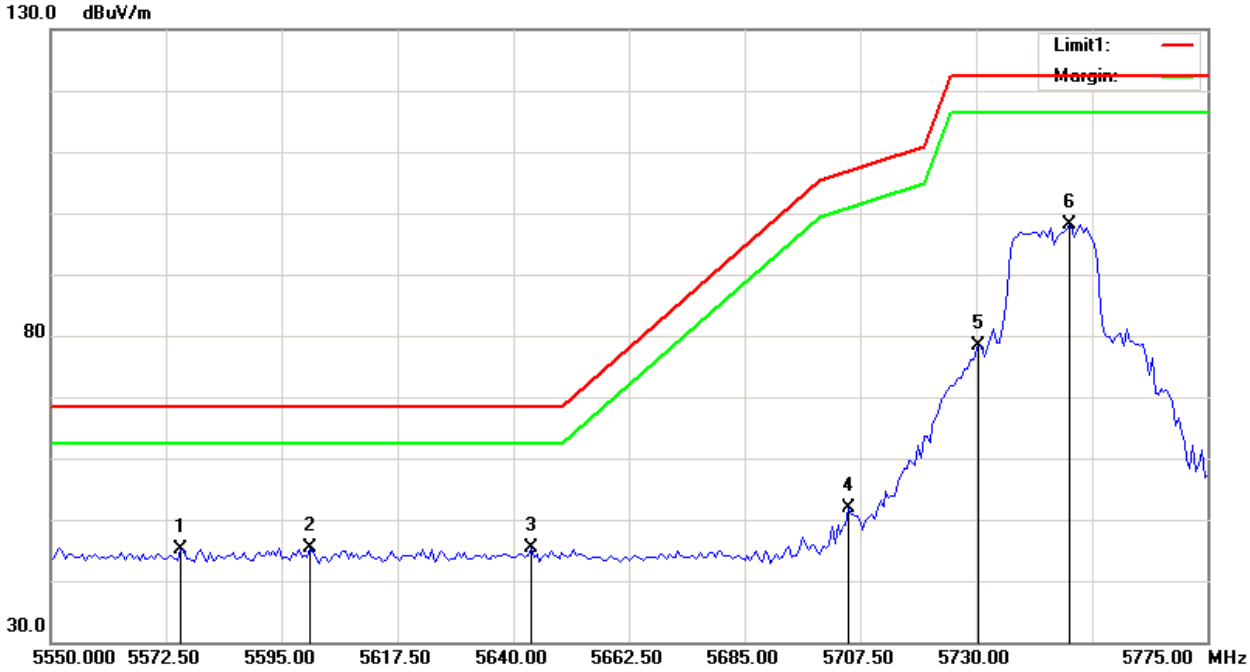
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5231.250	67.64	35.16	102.80	/	/	peak
2	5235.625	58.90	35.19	94.09	/	/	AVG
3	5350.000	18.67	35.50	54.17	68.30	-14.13	peak
4	5350.000	8.93	35.50	44.43	54.00	-9.57	AVG

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

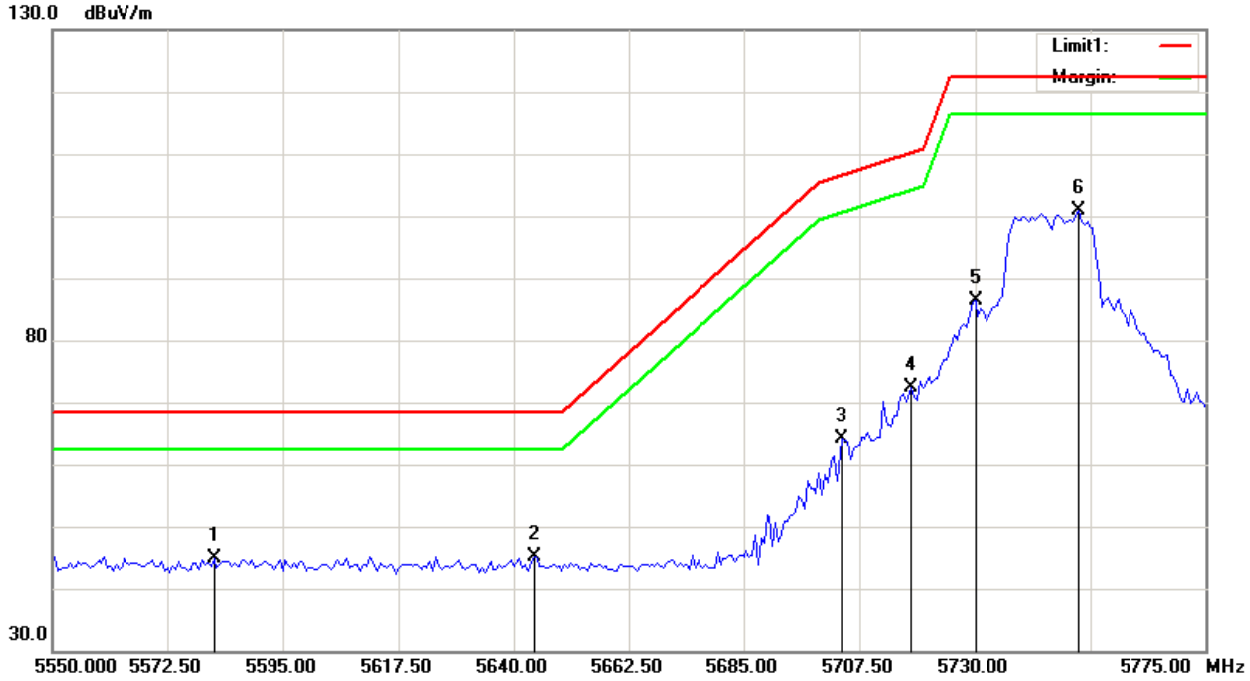
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5575.313	49.60	-4.45	45.15	68.30	-23.15	peak
2	5600.625	49.70	-4.41	45.29	68.30	-23.01	peak
3	5643.375	49.63	-4.34	45.29	68.30	-23.01	peak
4	5705.250	56.12	-4.24	51.88	106.77	-54.89	peak
5	5730.563	82.67	-4.20	78.47	122.30	-43.83	peak
6	5748.000	102.34	-4.17	98.17	122.30	-24.13	peak

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

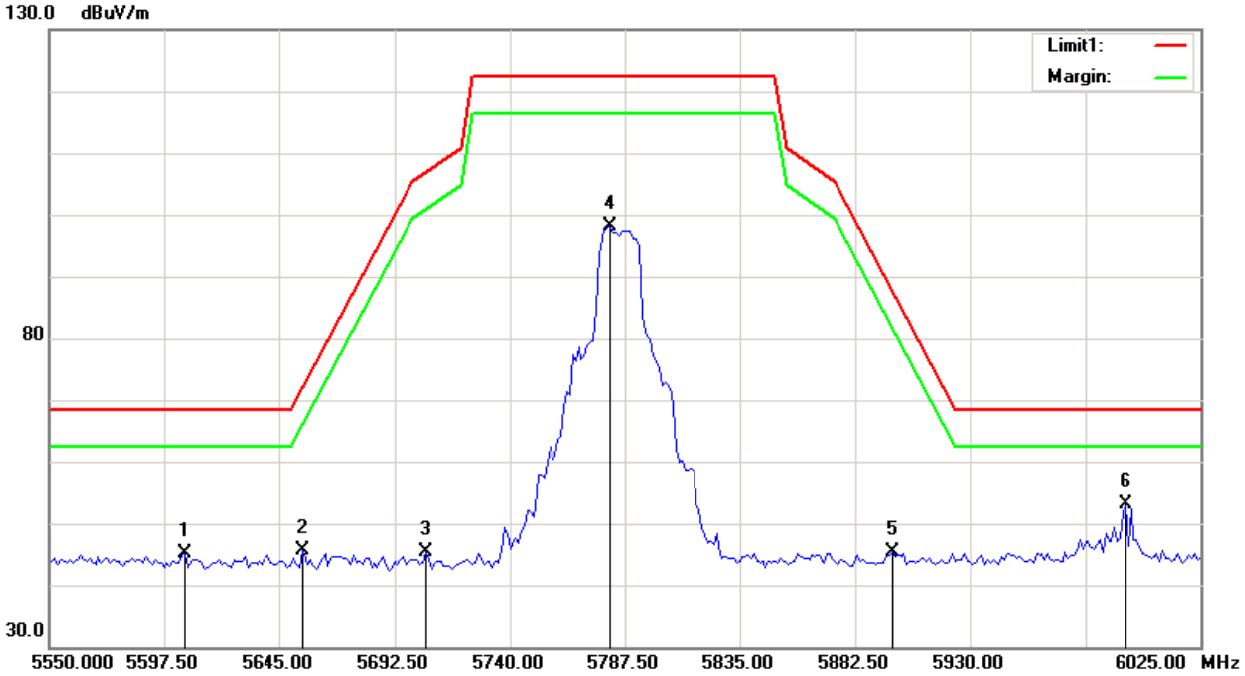
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5581.500	49.24	-4.45	44.79	68.30	-23.51	peak
2	5643.938	49.39	-4.35	45.04	68.30	-23.26	peak
3	5704.125	68.43	-4.24	64.19	106.45	-42.26	peak
4	5717.625	76.70	-4.22	72.48	110.23	-37.75	peak
5	5730.000	90.53	-4.20	86.33	122.30	-35.97	peak
6	5750.250	105.04	-4.17	100.87	122.30	-21.43	peak

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

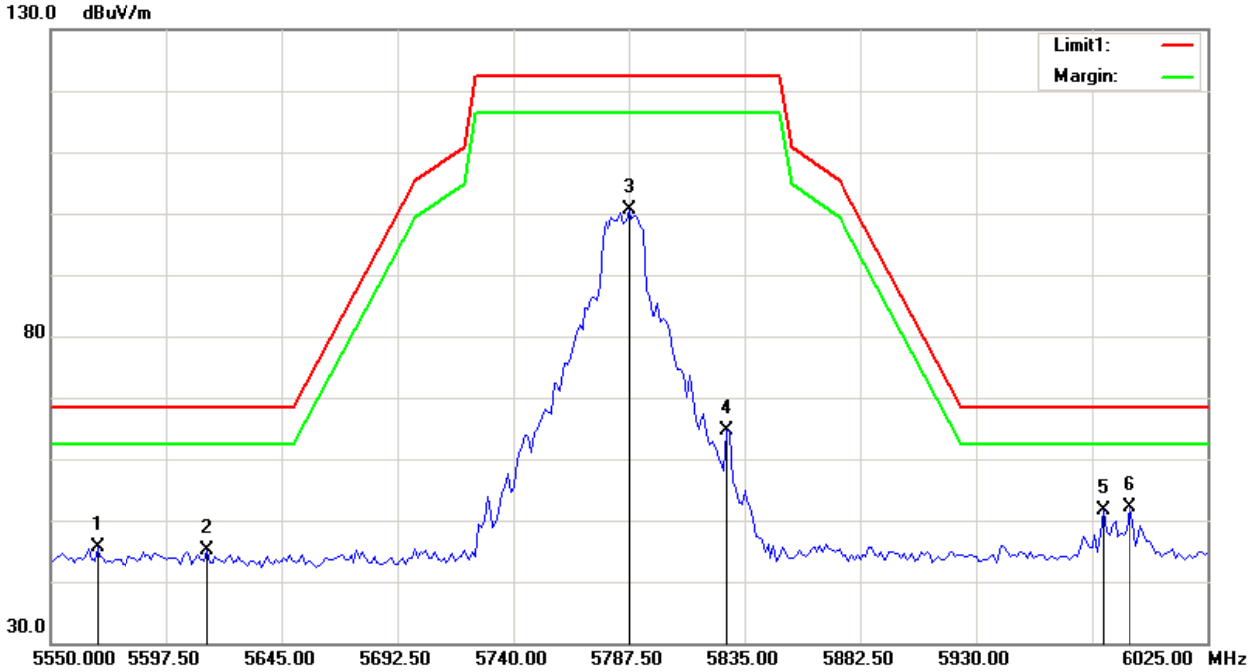
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5605.813	49.53	-4.40	45.13	68.30	-23.17	peak
2	5654.500	49.90	-4.32	45.58	71.63	-26.05	peak
3	5705.563	49.68	-4.24	45.44	106.86	-61.42	peak
4	5781.563	102.30	-4.13	98.17	122.30	-24.13	peak
5	5897.938	49.24	-3.93	45.31	88.33	-43.02	peak
6	5994.125	56.96	-3.78	53.18	68.30	-15.12	peak

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

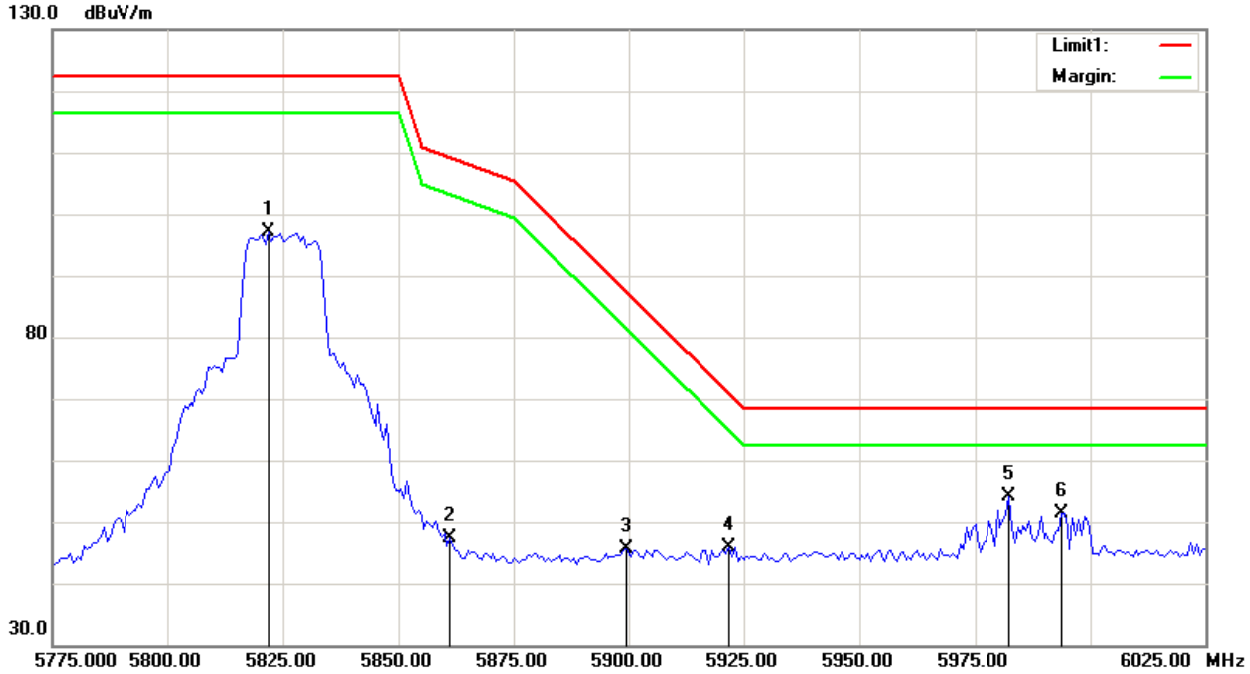
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5569.000	50.09	-4.47	45.62	68.30	-22.68	peak
2	5614.125	49.40	-4.39	45.01	68.30	-23.29	peak
3	5787.500	104.65	-4.11	100.54	122.30	-21.76	peak
4	5827.875	68.62	-4.04	64.58	122.30	-57.72	peak
5	5982.250	55.39	-3.81	51.58	68.30	-16.72	peak
6	5992.938	55.87	-3.77	52.10	68.30	-16.20	peak

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

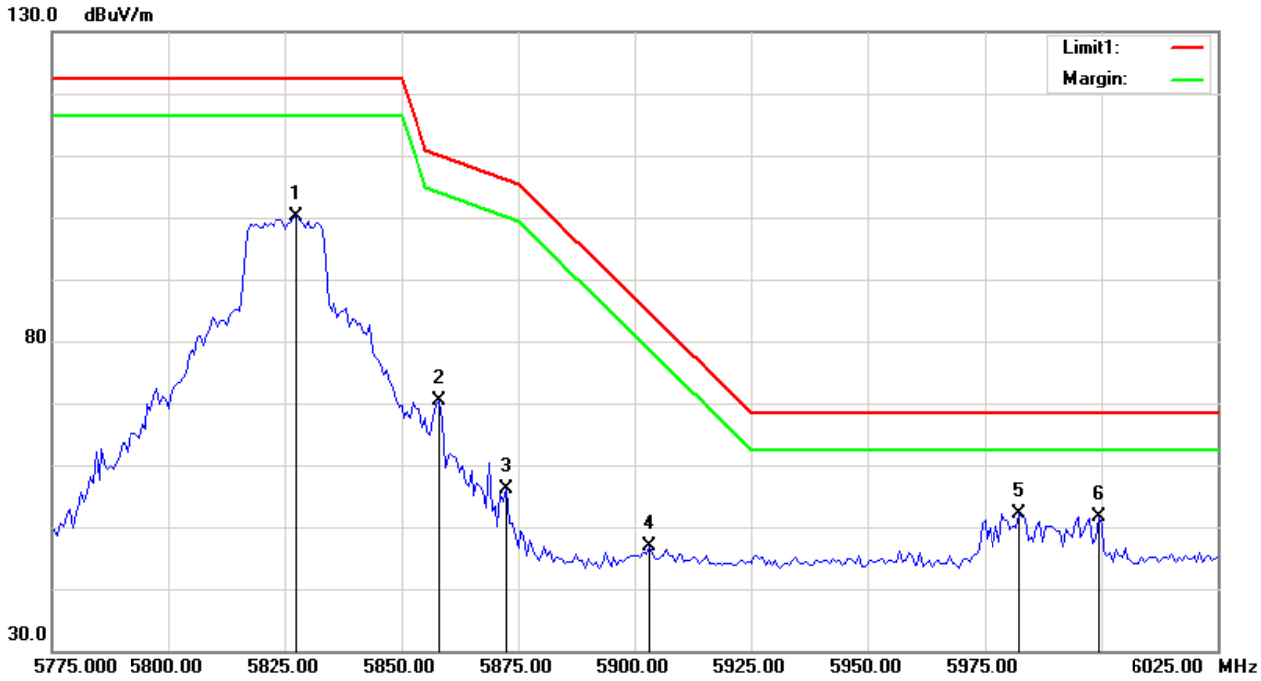
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5821.875	101.08	-4.06	97.02	122.30	-25.28	peak
2	5861.250	51.34	-4.00	47.34	109.15	-61.81	peak
3	5899.375	49.66	-3.93	45.73	87.26	-41.53	peak
4	5921.875	49.89	-3.90	45.99	70.61	-24.62	peak
5	5982.500	57.95	-3.80	54.15	68.30	-14.15	peak
6	5993.750	55.19	-3.78	51.41	68.30	-16.89	peak

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

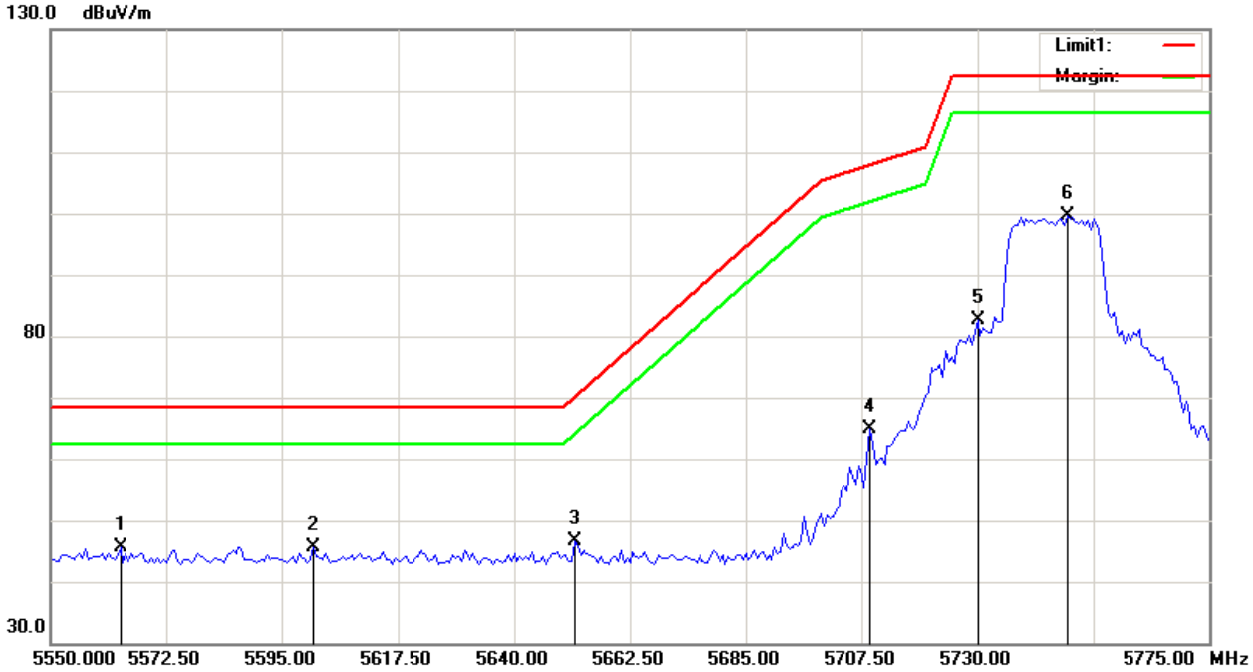
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5827.500	104.15	-4.04	100.11	122.30	-22.19	peak
2	5858.125	74.29	-4.00	70.29	110.02	-39.73	peak
3	5872.500	60.13	-3.98	56.15	106.00	-49.85	peak
4	5903.125	50.74	-3.92	46.82	84.49	-37.67	peak
5	5982.500	55.84	-3.80	52.04	68.30	-16.26	peak
6	5999.375	55.42	-3.77	51.65	68.30	-16.65	peak

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

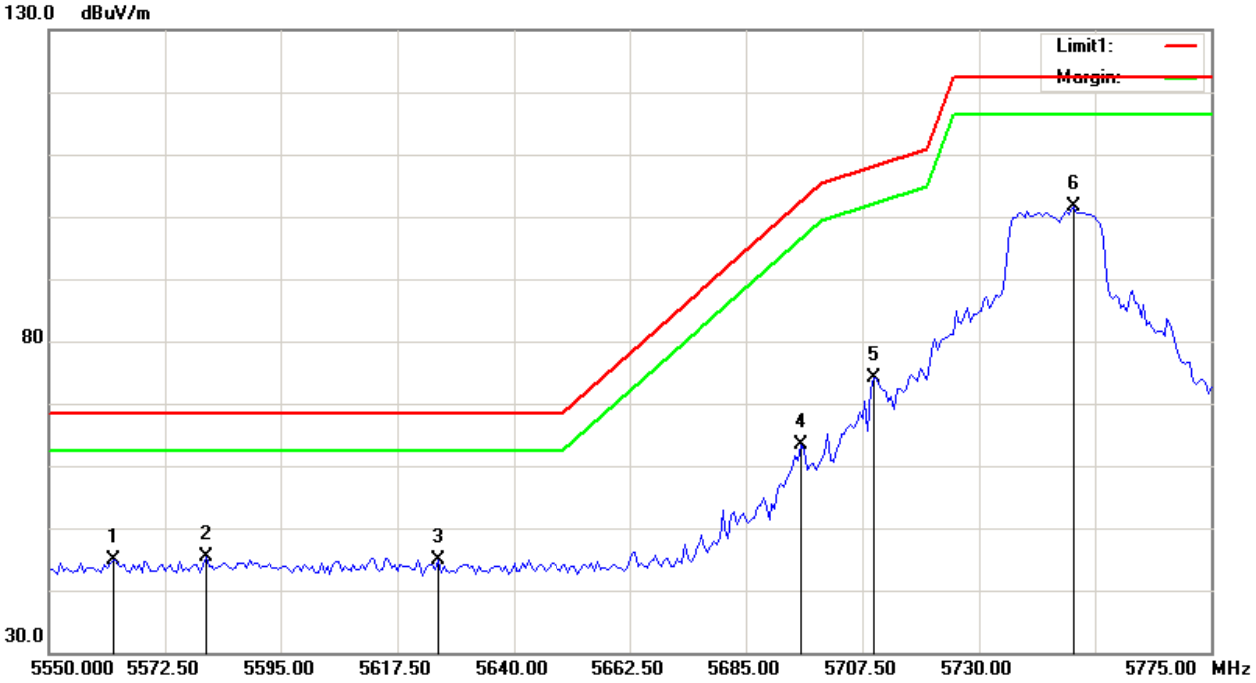
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5563.500	50.01	-4.47	45.54	68.30	-22.76	peak
2	5601.188	50.02	-4.41	45.61	68.30	-22.69	peak
3	5651.813	51.04	-4.33	46.71	69.64	-22.93	peak
4	5709.188	69.21	-4.24	64.97	107.87	-42.90	peak
5	5730.000	86.90	-4.20	82.70	122.30	-39.60	peak
6	5747.438	103.74	-4.18	99.56	122.30	-22.74	peak

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

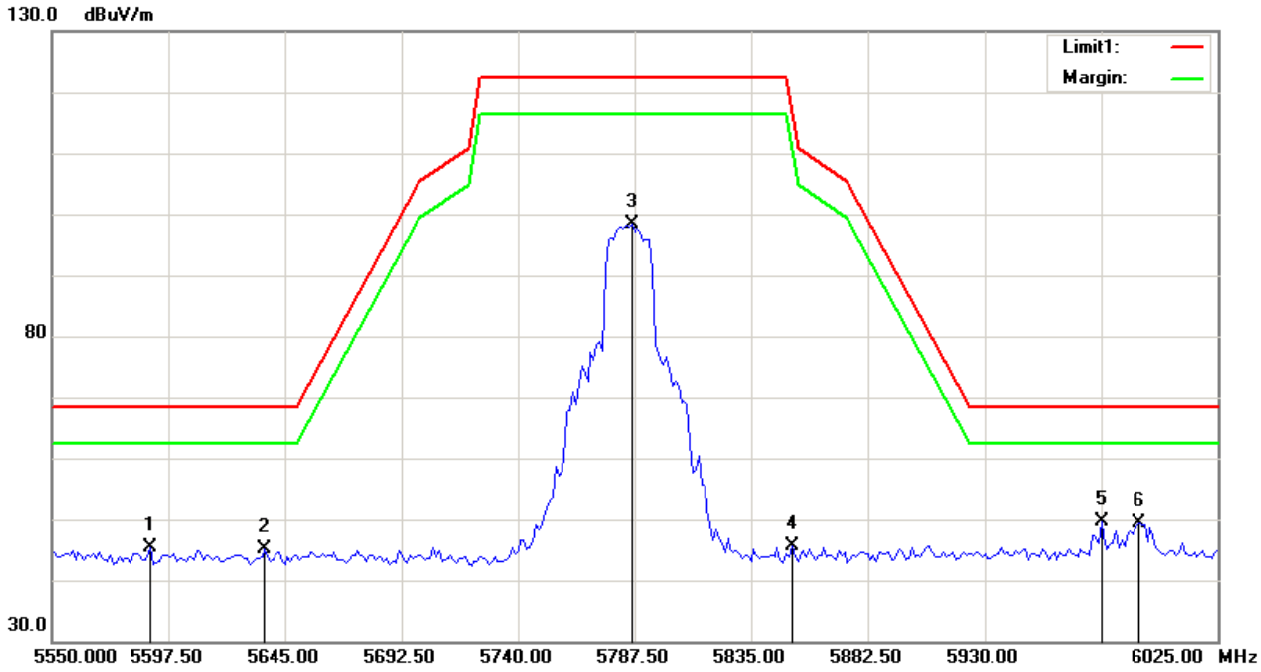
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5562.375	49.43	-4.48	44.95	68.30	-23.35	peak
2	5580.375	49.74	-4.44	45.30	68.30	-23.00	peak
3	5625.375	49.30	-4.37	44.93	68.30	-23.37	peak
4	5695.688	67.56	-4.26	63.30	102.11	-38.81	peak
5	5709.750	78.27	-4.24	74.03	108.03	-34.00	peak
6	5748.563	105.73	-4.17	101.56	122.30	-20.74	peak

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

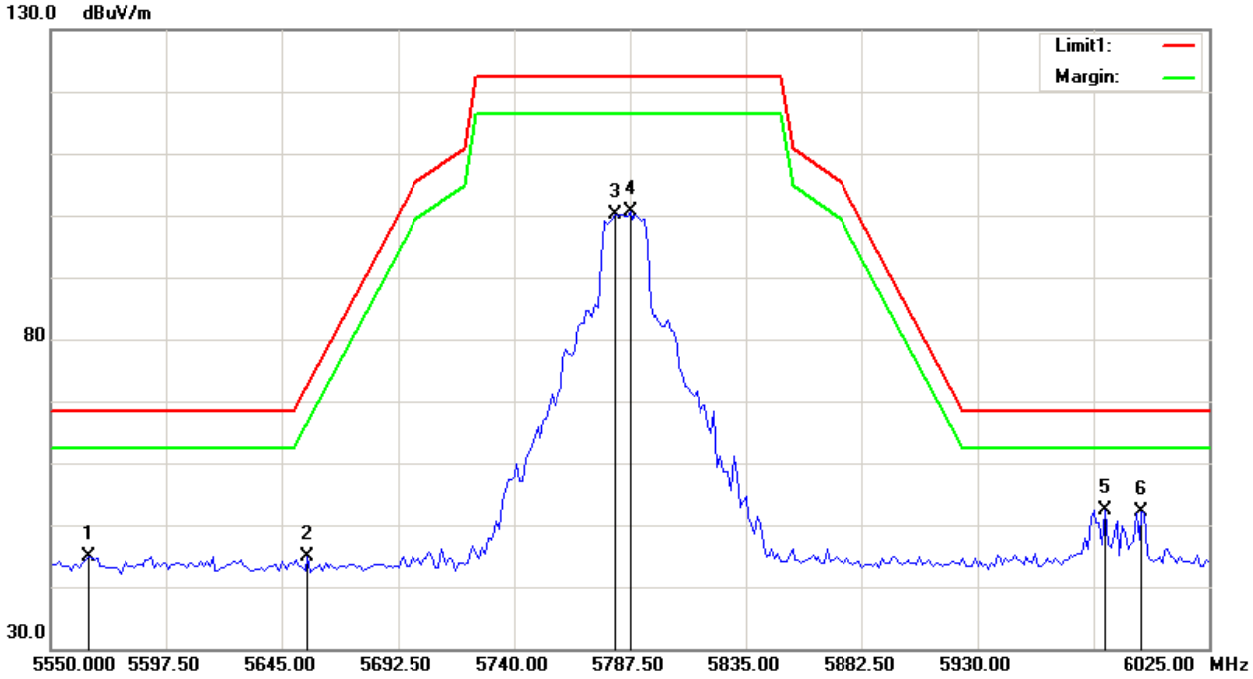
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5590.375	49.76	-4.43	45.33	68.30	-22.97	peak
2	5636.688	49.48	-4.36	45.12	68.30	-23.18	peak
3	5786.313	102.46	-4.12	98.34	122.30	-23.96	peak
4	5851.625	49.55	-4.01	45.54	118.59	-73.05	peak
5	5977.500	53.43	-3.81	49.62	68.30	-18.68	peak
6	5992.938	53.22	-3.77	49.45	68.30	-18.85	peak

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

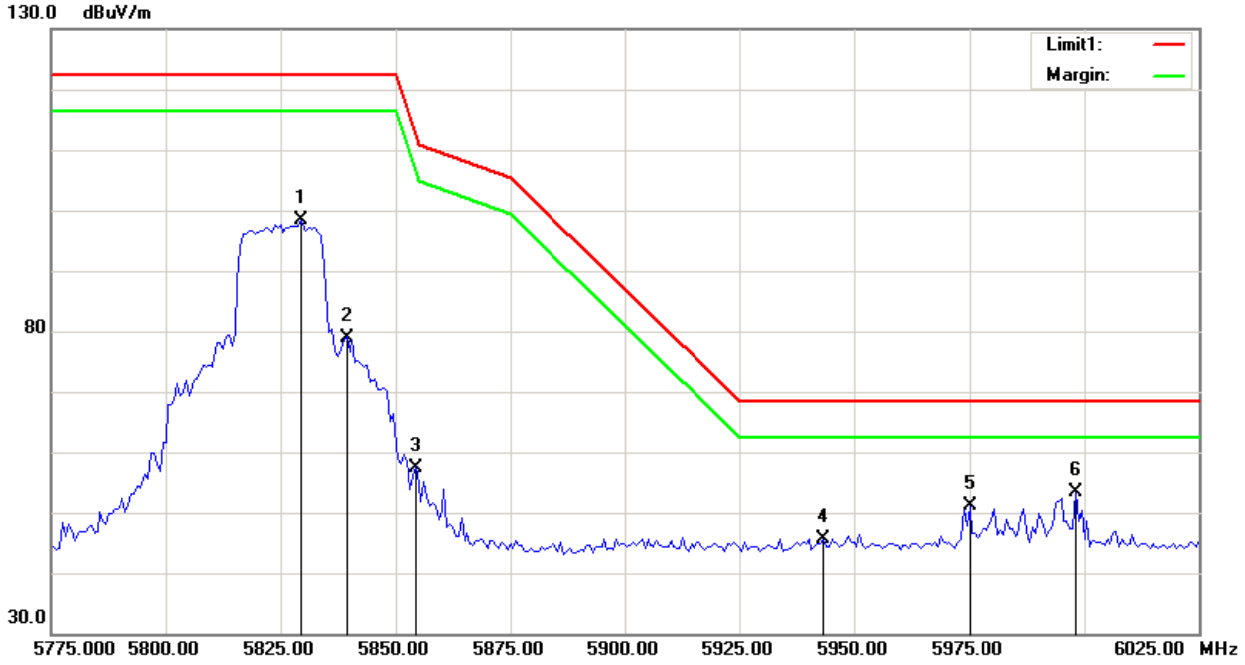
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5565.438	49.37	-4.47	44.90	68.30	-23.40	peak
2	5655.688	49.24	-4.32	44.92	72.51	-27.59	peak
3	5781.563	104.23	-4.13	100.10	122.30	-22.20	peak
4	5787.500	104.62	-4.11	100.51	122.30	-21.79	peak
5	5982.250	56.28	-3.81	52.47	68.30	-15.83	peak
6	5997.688	56.02	-3.77	52.25	68.30	-16.05	peak

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

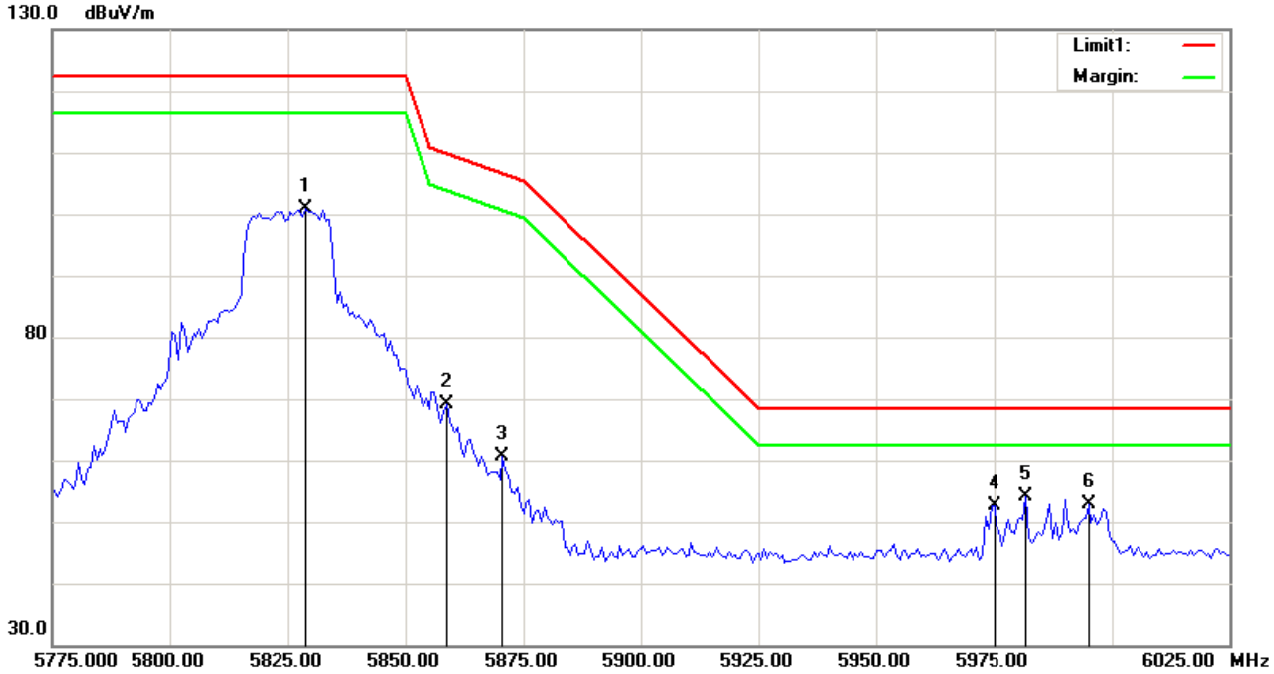
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5829.375	102.32	-4.04	98.28	122.30	-24.02	peak
2	5839.375	83.03	-4.03	79.00	122.30	-43.30	peak
3	5854.375	61.50	-4.00	57.50	112.32	-54.82	peak
4	5943.125	49.49	-3.85	45.64	68.30	-22.66	peak
5	5975.000	55.03	-3.81	51.22	68.30	-17.08	peak
6	5998.125	57.19	-3.77	53.42	68.30	-14.88	peak

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

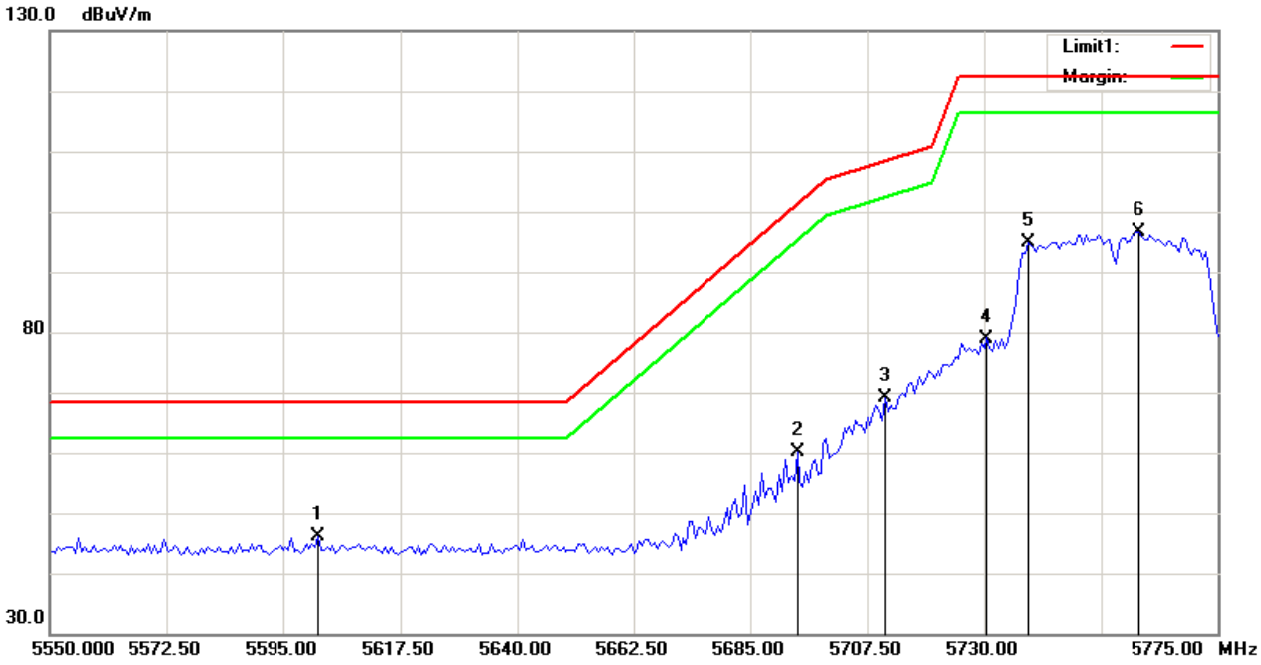
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5828.750	104.81	-4.04	100.77	122.30	-21.53	peak
2	5858.750	73.11	-4.00	69.11	109.85	-40.74	peak
3	5870.625	64.56	-3.98	60.58	106.52	-45.94	peak
4	5975.000	56.44	-3.81	52.63	68.30	-15.67	peak
5	5981.875	57.83	-3.81	54.02	68.30	-14.28	peak
6	5995.000	56.61	-3.78	52.83	68.30	-15.47	peak

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

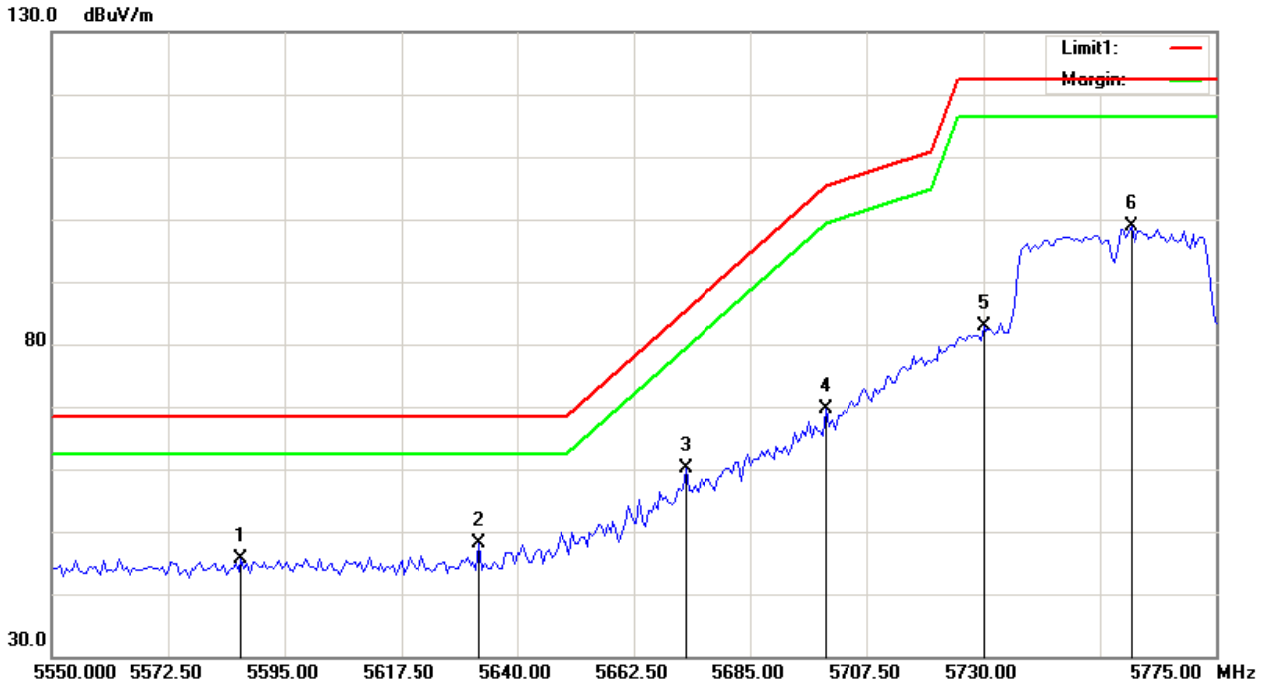
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5601.750	50.56	-4.41	46.15	68.30	-22.15	peak
2	5694.000	64.45	-4.27	60.18	100.86	-40.68	peak
3	5710.875	73.39	-4.24	69.15	108.34	-39.19	peak
4	5730.563	83.20	-4.20	79.00	122.30	-43.30	peak
5	5738.438	99.01	-4.19	94.82	122.30	-27.48	peak
6	5759.813	100.86	-4.16	96.70	122.30	-25.60	peak

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

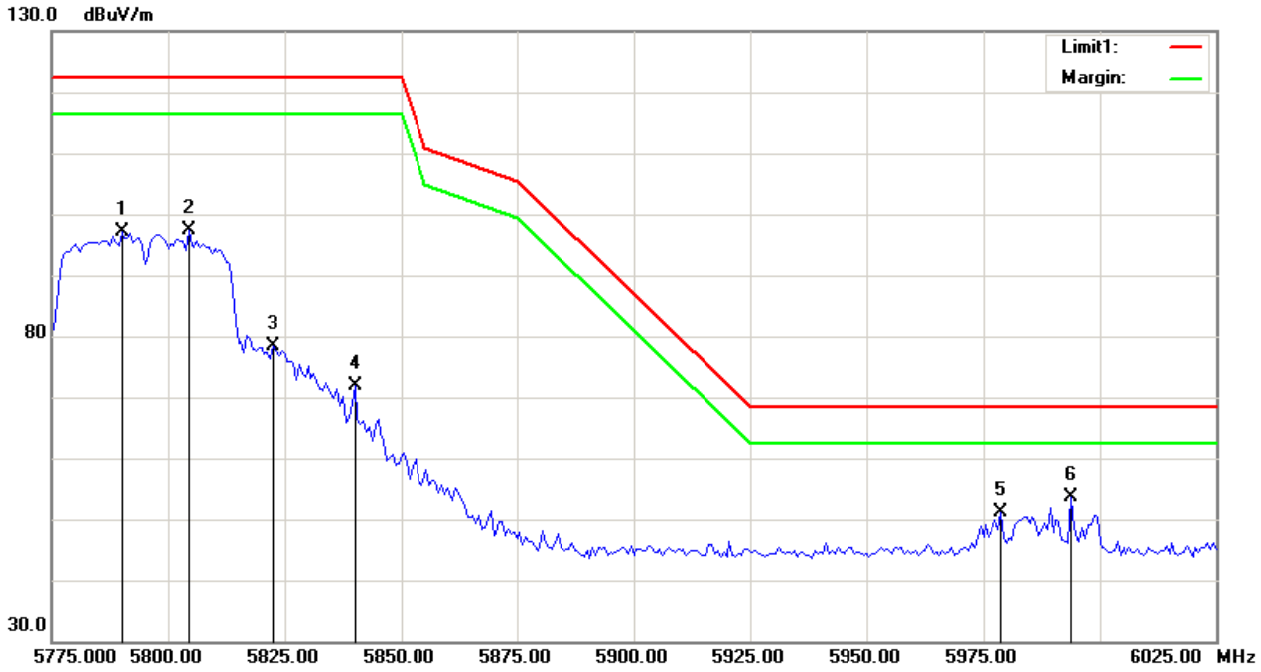
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5586.563	50.17	-4.44	45.73	68.30	-22.57	peak
2	5632.688	52.41	-4.36	48.05	68.30	-20.25	peak
3	5672.625	64.35	-4.29	60.06	85.04	-24.98	peak
4	5699.625	73.86	-4.25	69.61	105.02	-35.41	peak
5	5730.000	87.15	-4.20	82.95	122.30	-39.35	peak
6	5758.688	102.93	-4.16	98.77	122.30	-23.53	peak

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

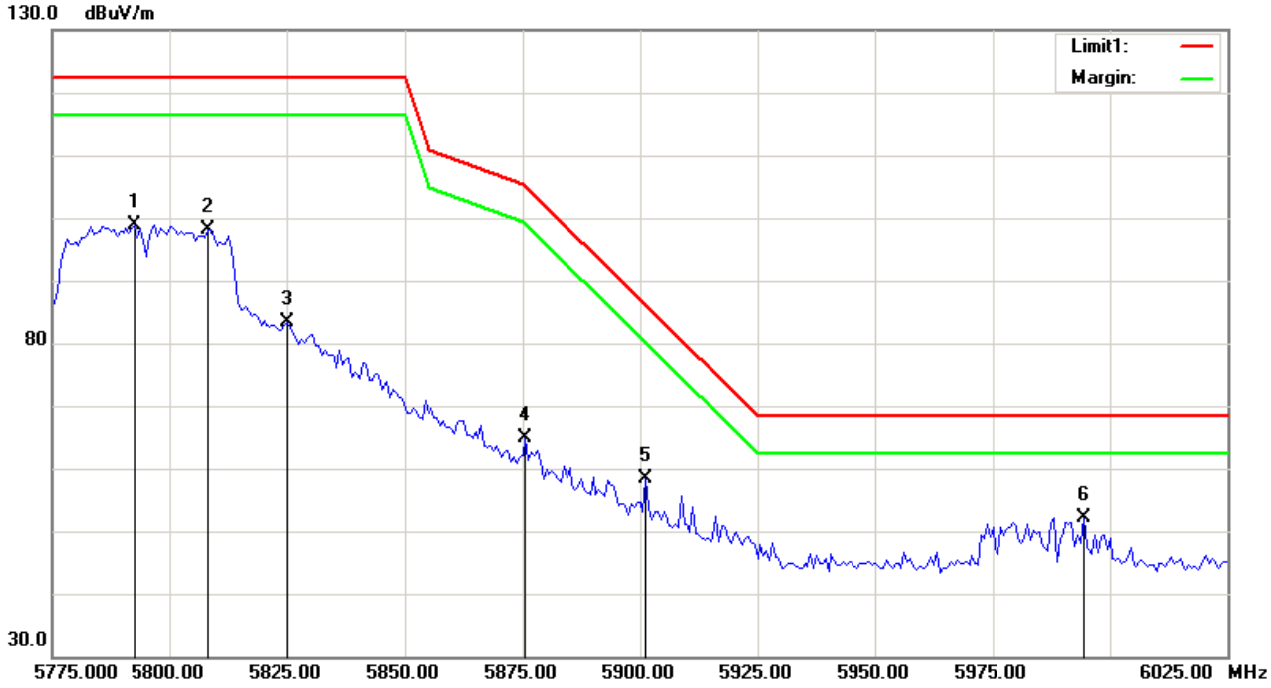
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5790.000	101.32	-4.11	97.21	122.30	-25.09	peak
2	5804.375	101.38	-4.08	97.30	122.30	-25.00	peak
3	5822.500	82.36	-4.05	78.31	122.30	-43.99	peak
4	5840.000	75.95	-4.03	71.92	122.30	-50.38	peak
5	5978.750	54.97	-3.80	51.17	68.30	-17.13	peak
6	5993.750	57.30	-3.78	53.52	68.30	-14.78	peak

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

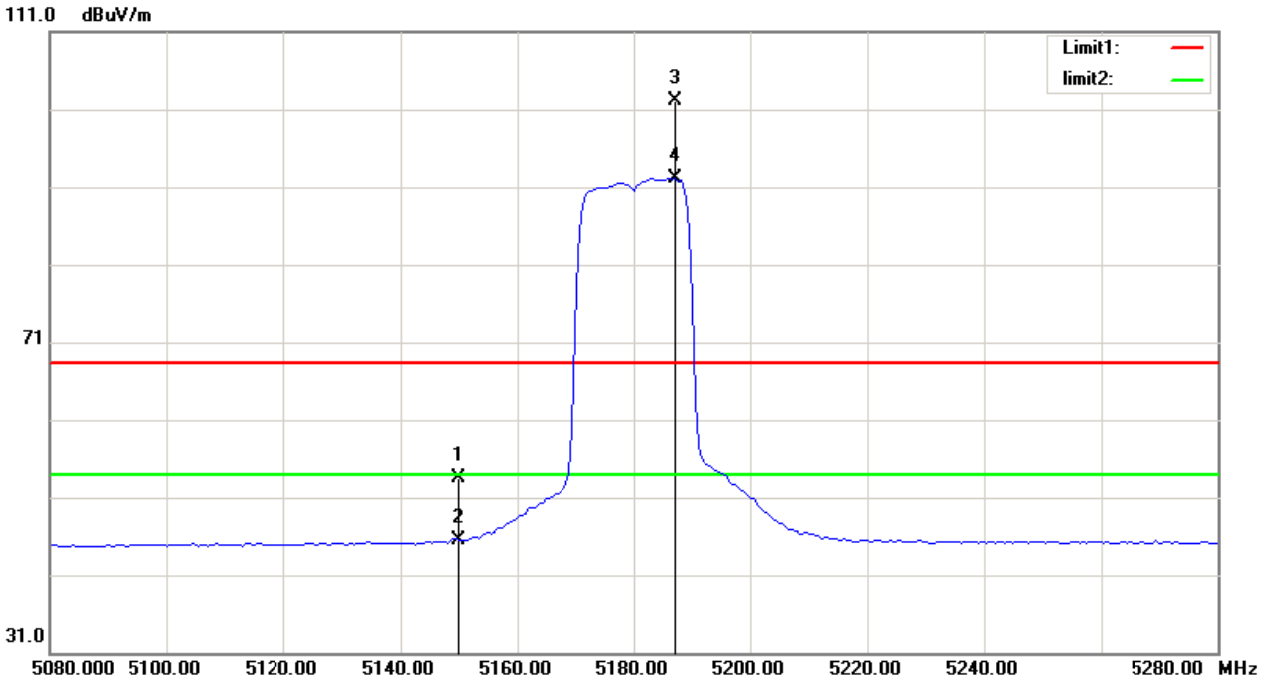
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5792.500	103.00	-4.10	98.90	122.30	-23.40	peak
2	5808.125	102.21	-4.08	98.13	122.30	-24.17	peak
3	5825.000	87.45	-4.05	83.40	122.30	-38.90	peak
4	5875.625	68.88	-3.97	64.91	104.84	-39.93	peak
5	5901.250	62.41	-3.93	58.48	85.87	-27.39	peak
6	5994.375	55.94	-3.78	52.16	68.30	-16.14	peak

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

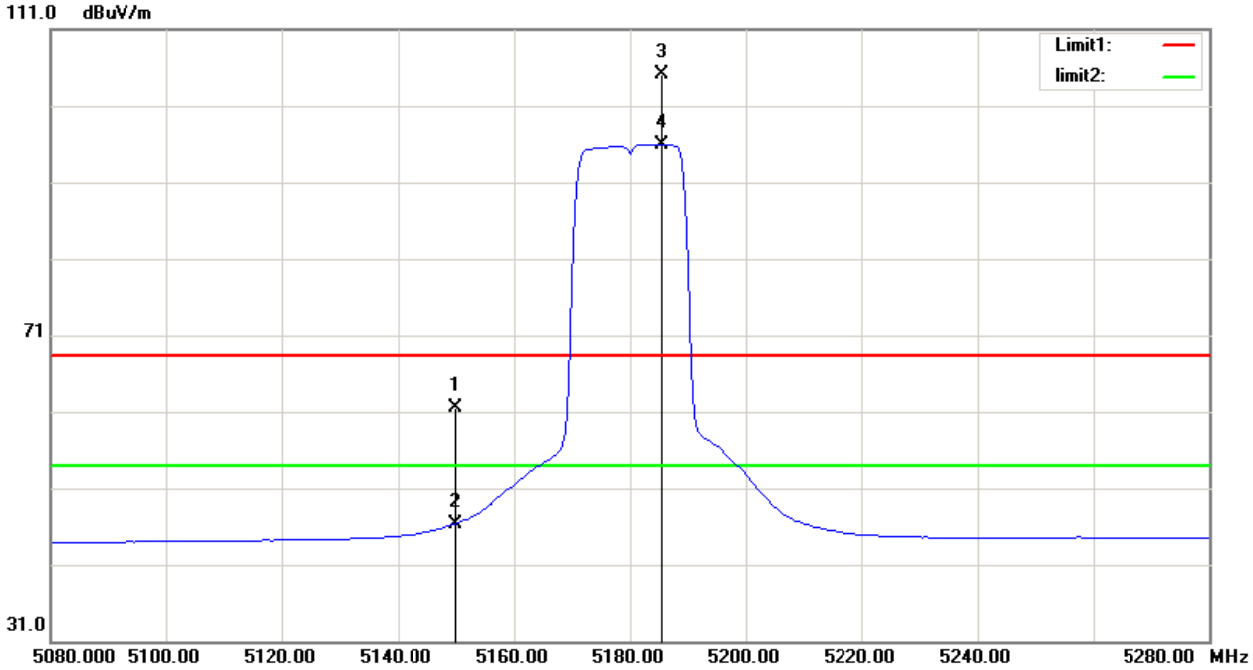
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	18.65	34.94	53.59	68.30	-14.71	peak
2	5150.000	10.58	34.94	45.52	54.00	-8.48	AVG
3	5187.000	67.02	35.05	102.07	/	/	peak
4	5187.000	57.02	35.05	92.07	/	/	AVG

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

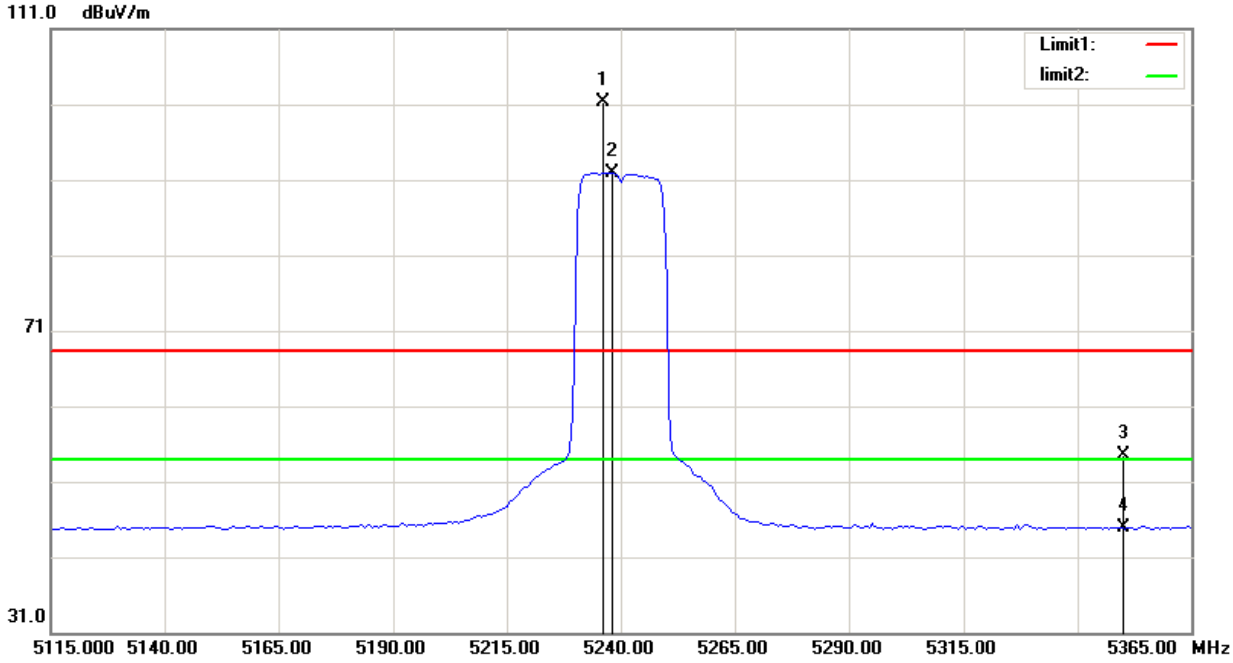
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	26.49	34.94	61.43	68.30	-6.87	peak
2	5150.000	11.44	34.94	46.38	54.00	-7.62	AVG
3	5185.500	70.15	35.05	105.20	/	/	peak
4	5185.500	60.95	35.05	96.00	/	/	AVG

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

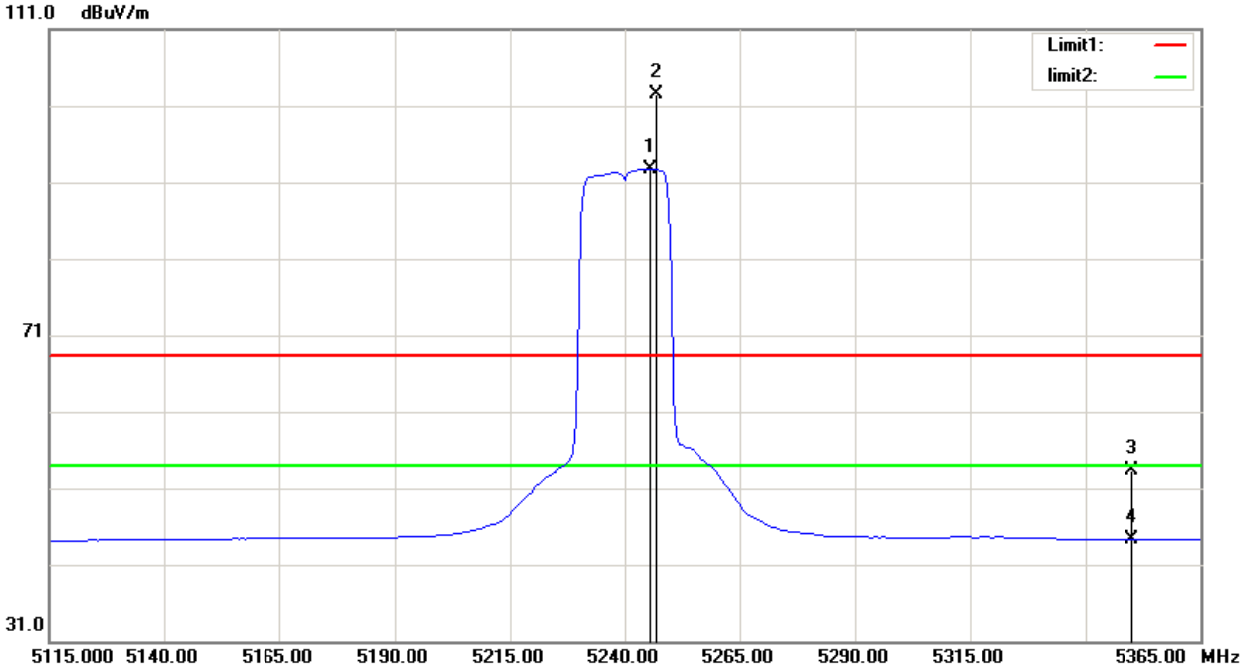
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5236.250	66.20	35.19	101.39	/	/	peak
2	5238.125	56.70	35.19	91.89	/	/	AVG
3	5350.000	18.98	35.50	54.48	68.30	-13.82	peak
4	5350.000	9.39	35.50	44.89	54.00	-9.11	AVG

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

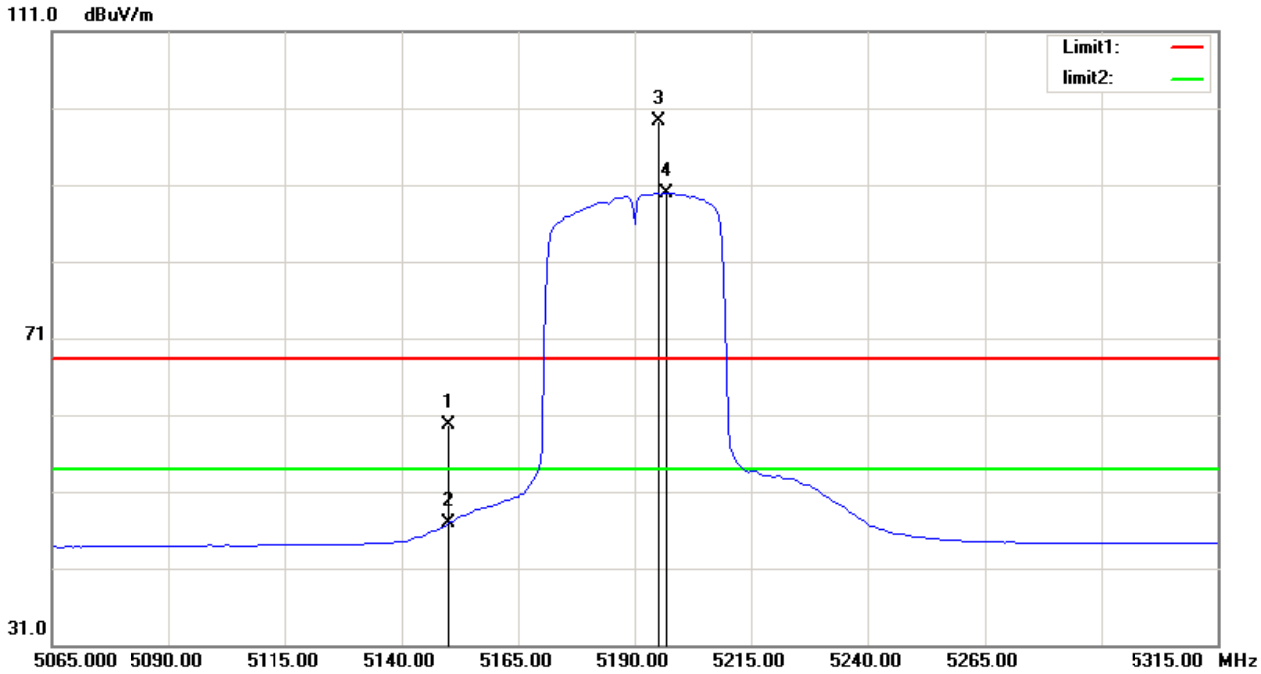
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5245.625	57.48	35.21	92.69	/	/	AVG
2	5246.875	67.36	35.21	102.57	/	/	peak
3	5350.000	17.76	35.50	53.26	68.30	-15.04	peak
4	5350.000	8.85	35.50	44.35	54.00	-9.65	AVG

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

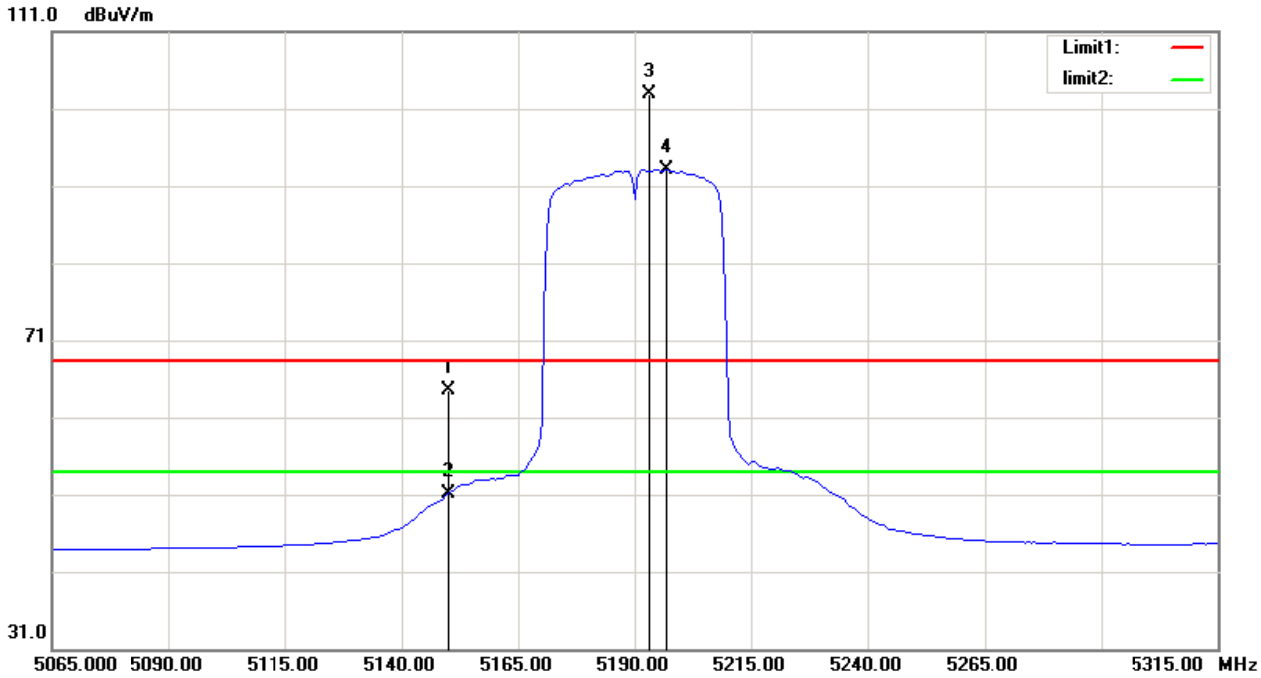
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	24.78	34.94	59.72	68.30	-8.58	peak
2	5150.000	11.93	34.94	46.87	54.00	-7.13	AVG
3	5195.000	64.32	35.07	99.39	/	/	peak
4	5196.875	54.88	35.07	89.95	/	/	AVG

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

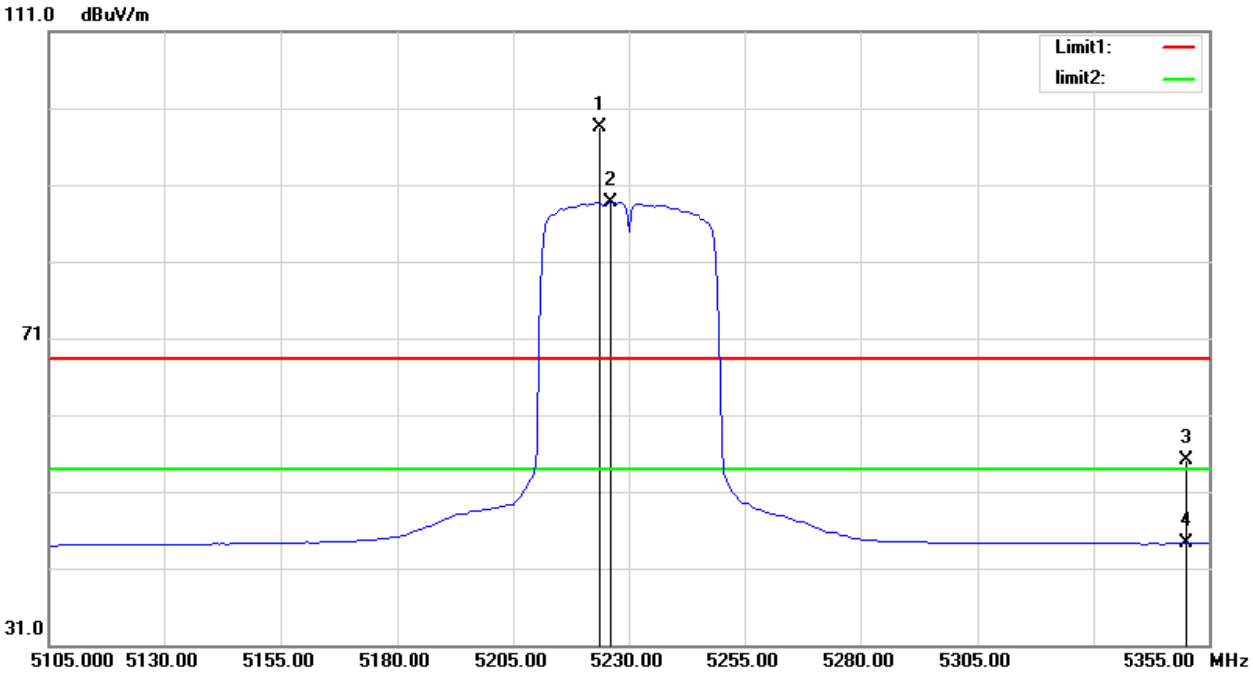
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	29.48	34.94	64.42	68.30	-3.88	peak
2	5150.000	16.22	34.94	51.16	54.00	-2.84	AVG
3	5193.125	67.75	35.06	102.81	/	/	peak
4	5196.875	58.01	35.07	93.08	/	/	AVG

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

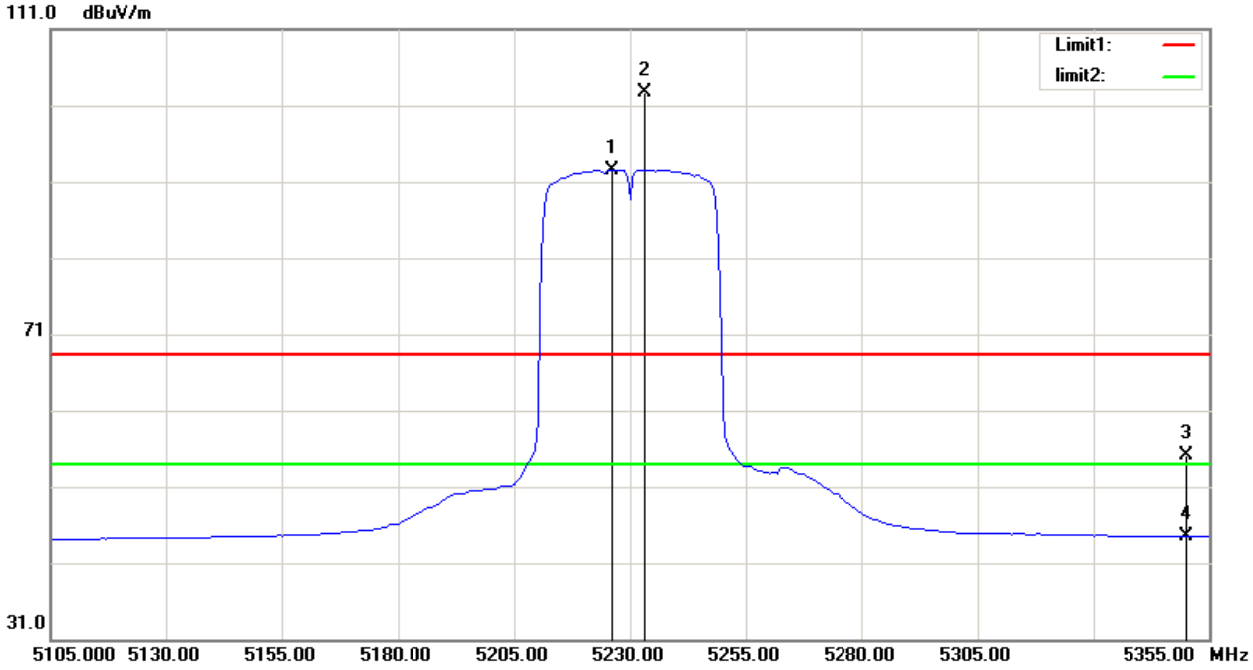
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5223.750	63.29	35.15	98.44	/	/	peak
2	5226.250	53.51	35.15	88.66	/	/	AVG
3	5350.000	19.60	35.50	55.10	68.30	-13.20	peak
4	5350.000	8.71	35.50	44.21	54.00	-9.79	AVG

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

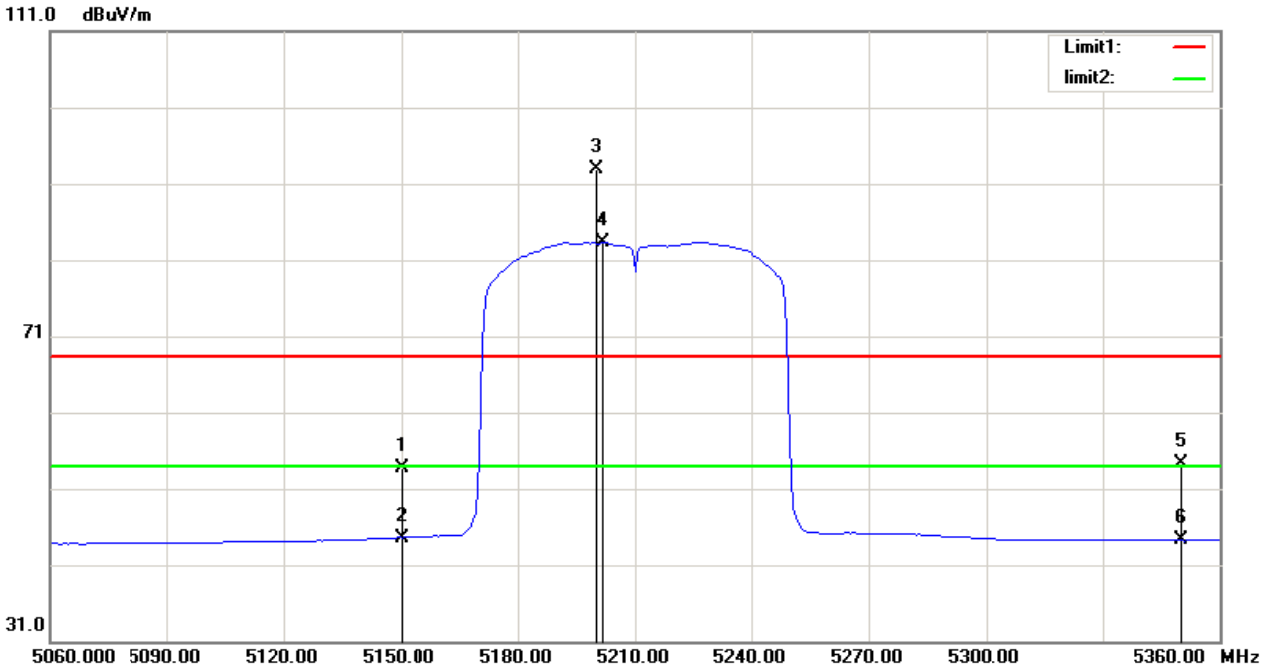
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5226.250	57.40	35.15	92.55	/	/	AVG
2	5233.125	67.51	35.18	102.69	/	/	peak
3	5350.000	19.52	35.50	55.02	68.30	-13.28	peak
4	5350.000	8.91	35.50	44.41	54.00	-9.59	AVG

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

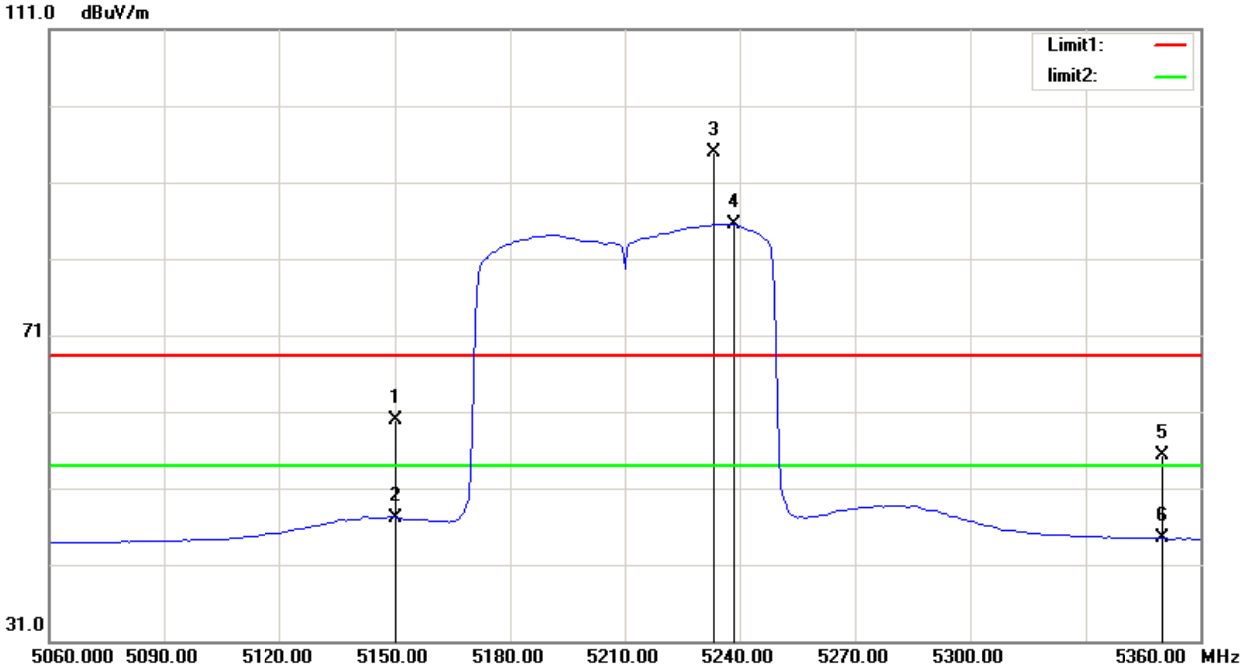
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	18.73	34.94	53.67	68.30	-14.63	peak
2	5150.000	9.65	34.94	44.59	54.00	-9.41	AVG
3	5200.250	57.88	35.08	92.96	68.30	/	/
4	5201.750	48.24	35.08	83.32	54.00	/	/
5	5350.000	18.74	35.50	54.24	68.30	-14.06	peak
6	5350.000	8.75	35.50	44.25	54.00	-9.75	AVG

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

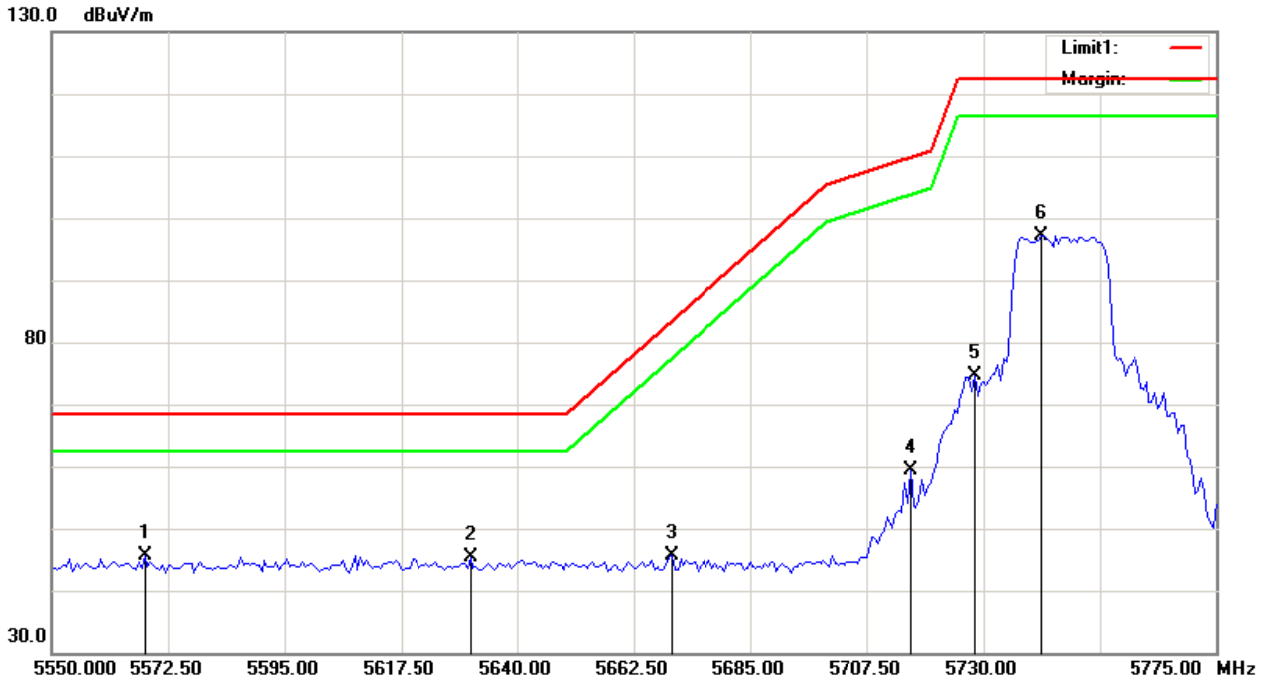
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	24.87	34.94	59.81	68.30	-8.49	peak
2	5150.000	12.16	34.94	47.10	54.00	-6.90	AVG
3	5233.250	59.77	35.18	94.95	68.30	/	/
4	5238.500	50.29	35.19	85.48	54.00	/	/
5	5350.000	19.70	35.50	55.20	68.30	-13.10	peak
6	5350.000	8.96	35.50	44.46	54.00	-9.54	AVG

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

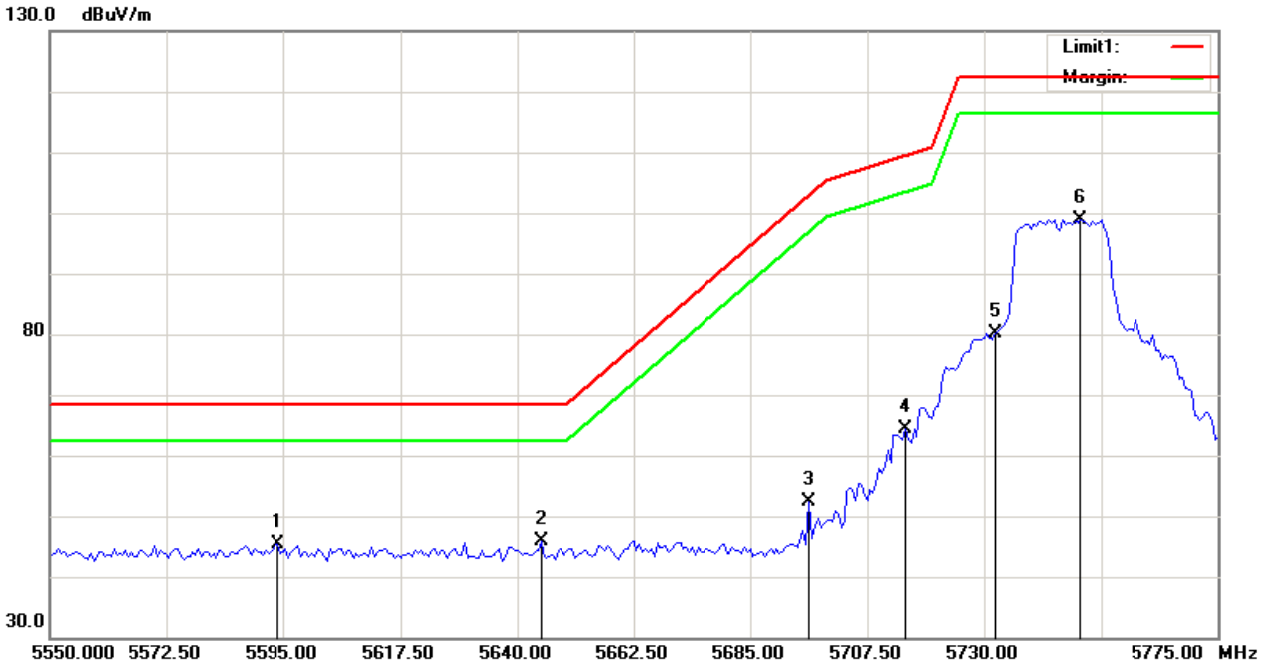
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5568.000	50.21	-4.46	45.75	68.30	-22.55	peak
2	5631.000	49.67	-4.36	45.31	68.30	-22.99	peak
3	5669.813	49.93	-4.31	45.62	82.96	-37.34	peak
4	5715.938	63.51	-4.23	59.28	109.76	-50.48	peak
5	5728.313	78.71	-4.20	74.51	122.30	-47.79	peak
6	5741.250	101.42	-4.19	97.23	122.30	-25.07	peak

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

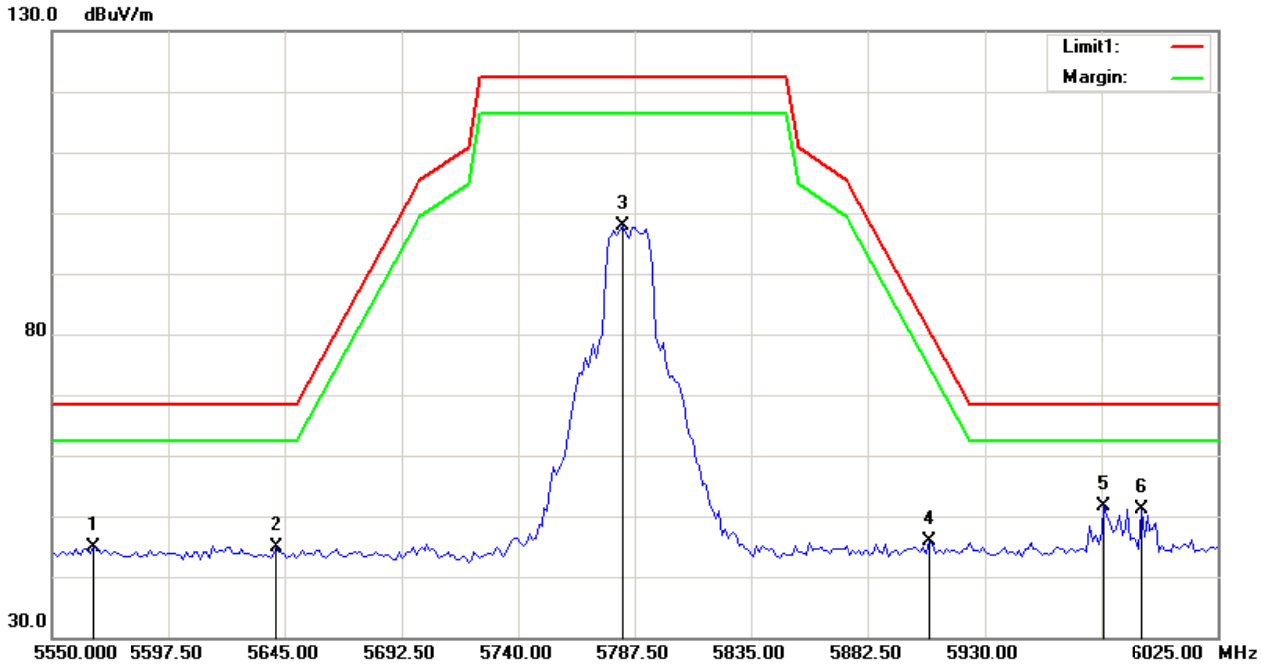
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5593.875	49.93	-4.43	45.50	68.30	-22.80	peak
2	5644.500	50.26	-4.35	45.91	68.30	-22.39	peak
3	5696.250	56.66	-4.26	52.40	102.52	-50.12	peak
4	5714.813	68.59	-4.23	64.36	109.45	-45.09	peak
5	5732.250	84.34	-4.21	80.13	122.30	-42.17	peak
6	5748.563	103.14	-4.17	98.97	122.30	-23.33	peak

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

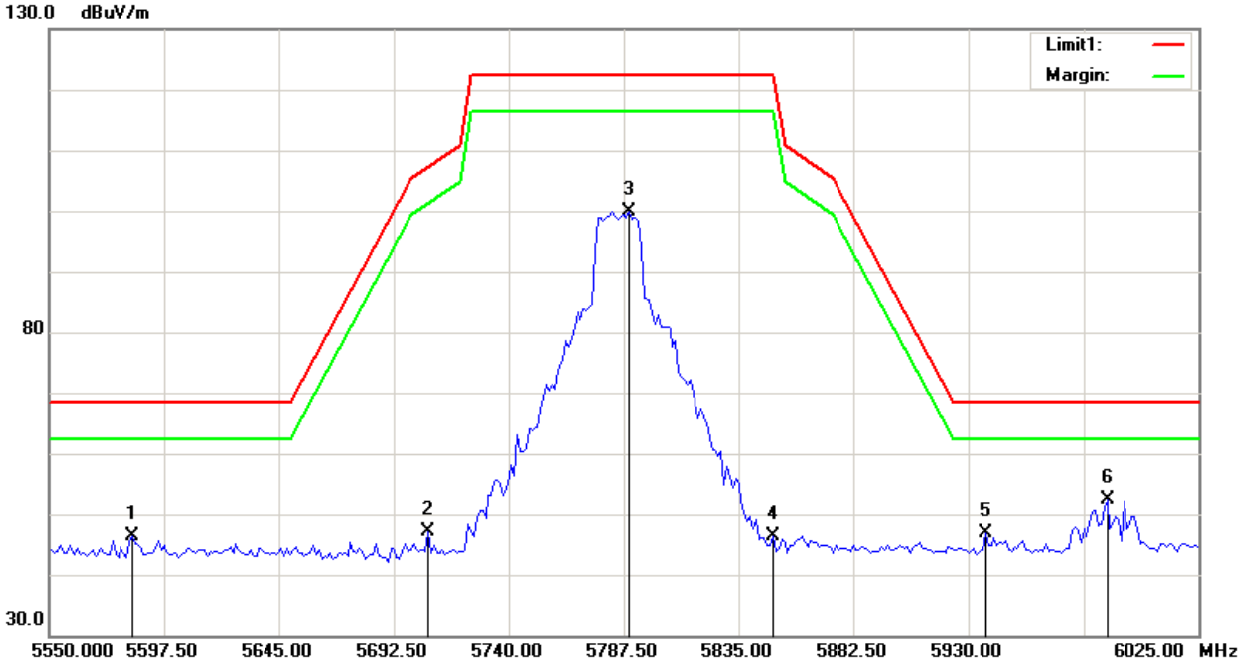
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5566.625	49.37	-4.47	44.90	68.30	-23.40	peak
2	5641.438	49.13	-4.35	44.78	68.30	-23.52	peak
3	5782.750	101.94	-4.12	97.82	122.30	-24.48	peak
4	5907.438	49.69	-3.93	45.76	81.30	-35.54	peak
5	5978.688	55.55	-3.80	51.75	68.30	-16.55	peak
6	5994.125	54.95	-3.78	51.17	68.30	-17.13	peak

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

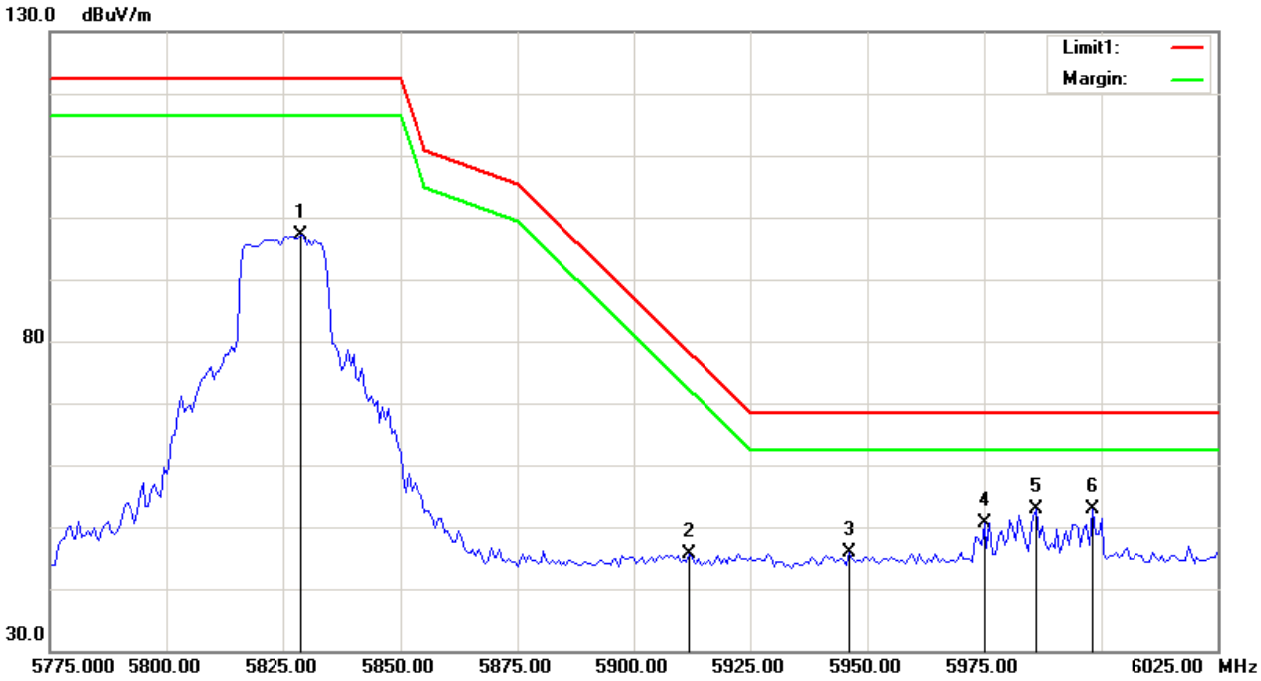
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5584.438	50.91	-4.44	46.47	68.30	-21.83	peak
2	5706.750	51.48	-4.25	47.23	107.19	-59.96	peak
3	5789.875	104.03	-4.11	99.92	122.30	-22.38	peak
4	5849.250	50.35	-4.01	46.34	122.30	-75.96	peak
5	5937.125	50.65	-3.88	46.77	68.30	-21.53	peak
6	5987.000	56.14	-3.80	52.34	68.30	-15.96	peak

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

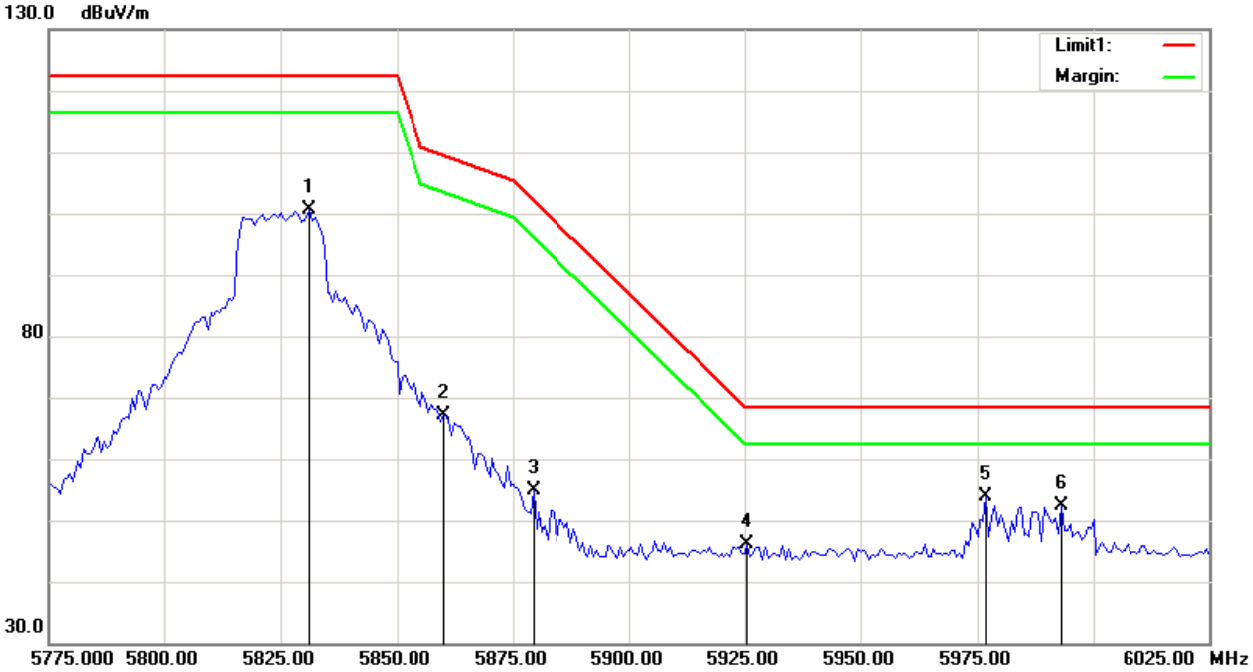
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5828.750	101.10	-4.04	97.06	122.30	-25.24	peak
2	5911.875	49.63	-3.92	45.71	78.01	-32.30	peak
3	5946.250	49.77	-3.86	45.91	68.30	-22.39	peak
4	5975.000	54.33	-3.81	50.52	68.30	-17.78	peak
5	5986.250	56.74	-3.80	52.94	68.30	-15.36	peak
6	5998.125	56.69	-3.77	52.92	68.30	-15.38	peak

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

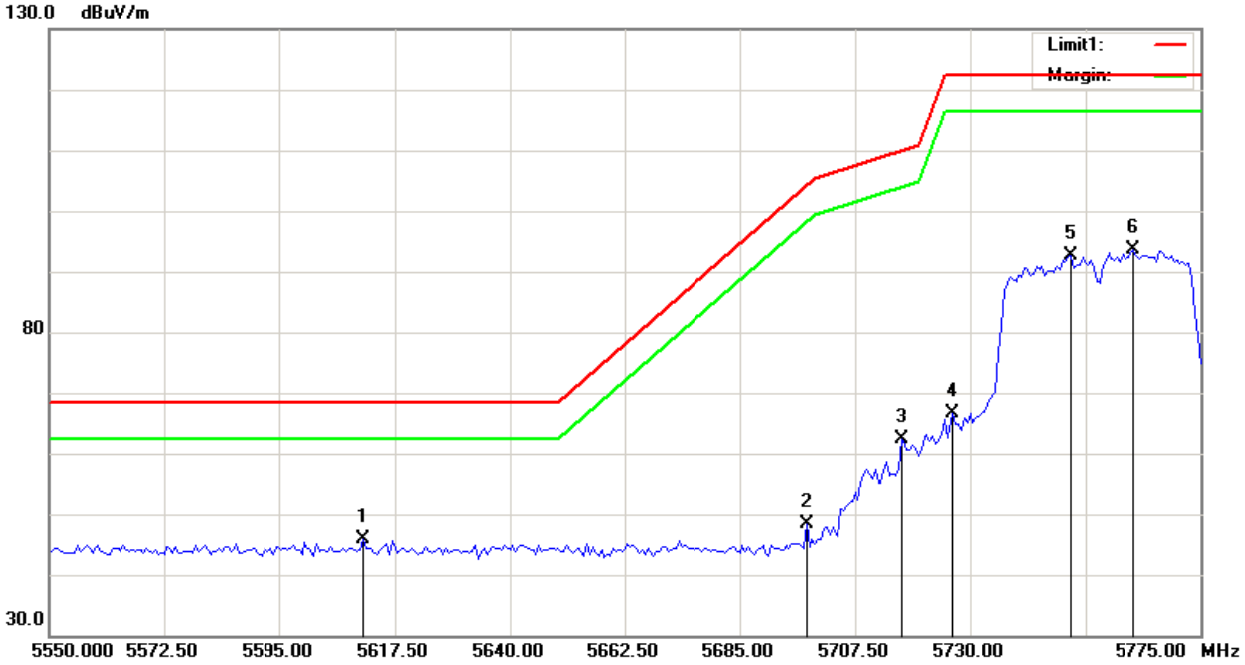
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5831.250	104.60	-4.05	100.55	122.30	-21.75	peak
2	5860.000	71.18	-4.00	67.18	109.50	-42.32	peak
3	5879.375	58.93	-3.96	54.97	102.06	-47.09	peak
4	5925.625	49.92	-3.89	46.03	68.30	-22.27	peak
5	5976.875	57.65	-3.81	53.84	68.30	-14.46	peak
6	5993.125	56.10	-3.77	52.33	68.30	-15.97	peak

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

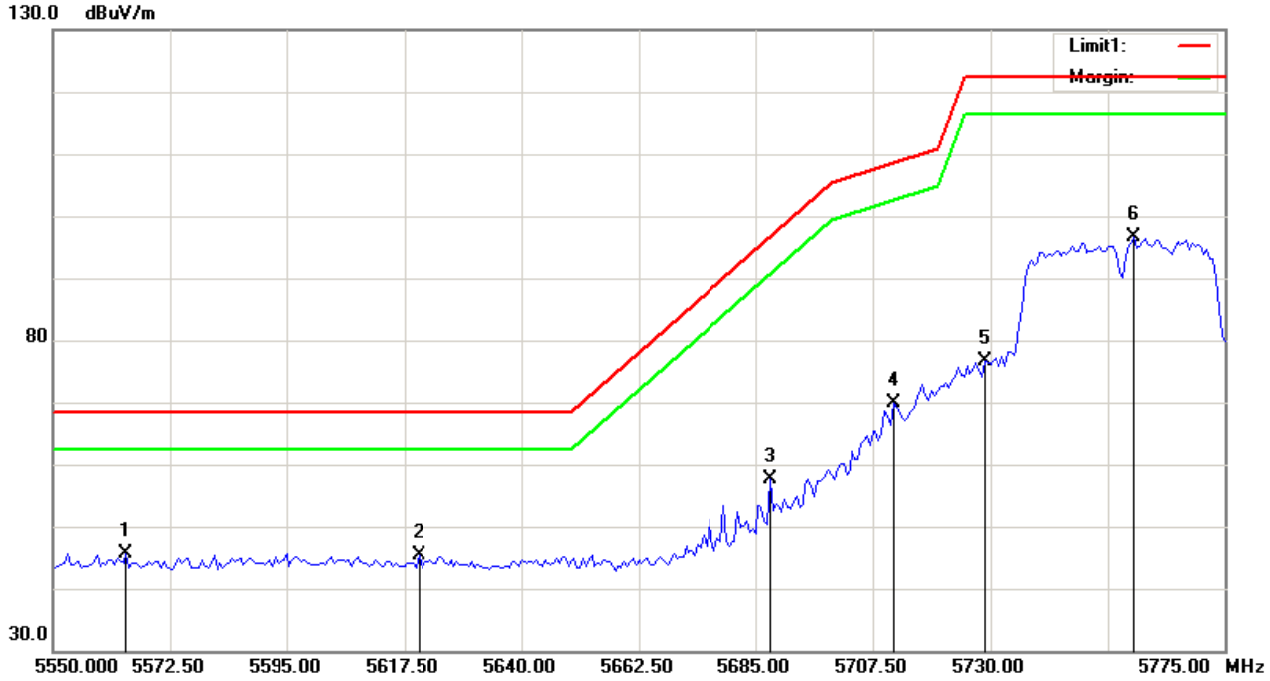
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5611.313	50.35	-4.40	45.95	68.30	-22.35	peak
2	5697.938	52.53	-4.25	48.28	103.77	-55.49	peak
3	5716.500	66.54	-4.23	62.31	109.92	-47.61	peak
4	5726.625	70.78	-4.21	66.57	122.30	-55.73	peak
5	5749.688	96.71	-4.17	92.54	122.30	-29.76	peak
6	5762.063	97.77	-4.16	93.61	122.30	-28.69	peak

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

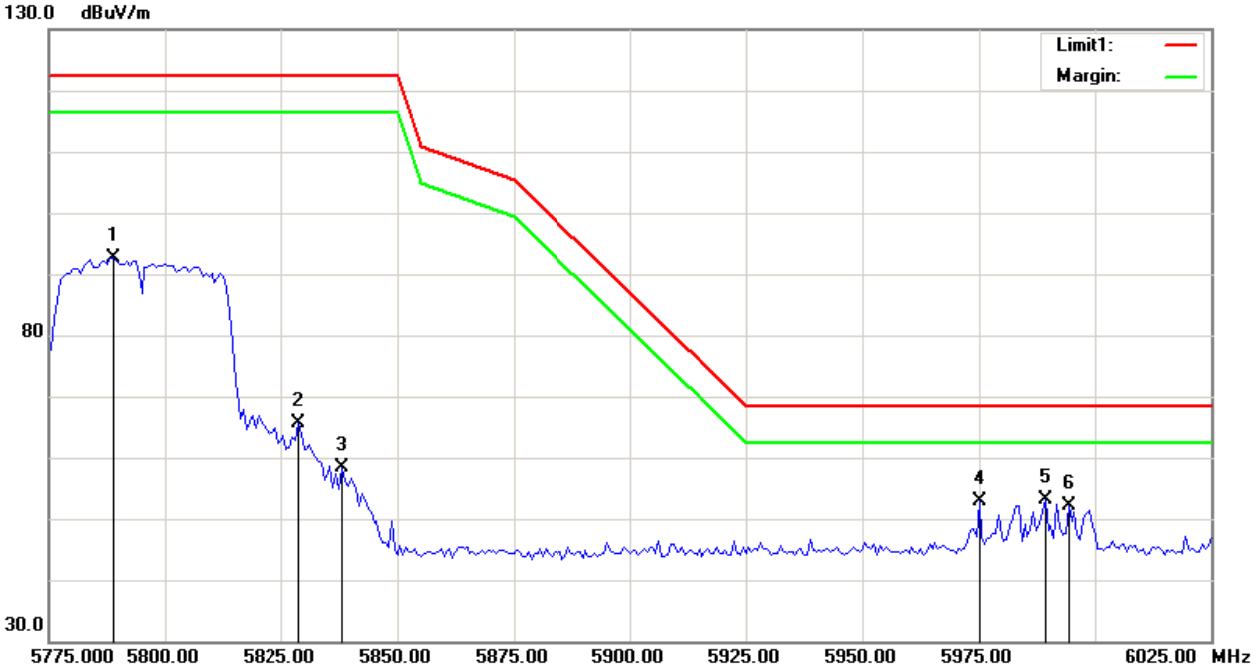
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5564.063	50.21	-4.47	45.74	68.30	-22.56	peak
2	5620.313	49.66	-4.39	45.27	68.30	-23.03	peak
3	5687.813	61.99	-4.27	57.72	96.28	-38.56	peak
4	5711.438	74.22	-4.24	69.98	108.50	-38.52	peak
5	5728.875	80.86	-4.20	76.66	122.30	-45.64	peak
6	5757.563	100.87	-4.16	96.71	122.30	-25.59	peak

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

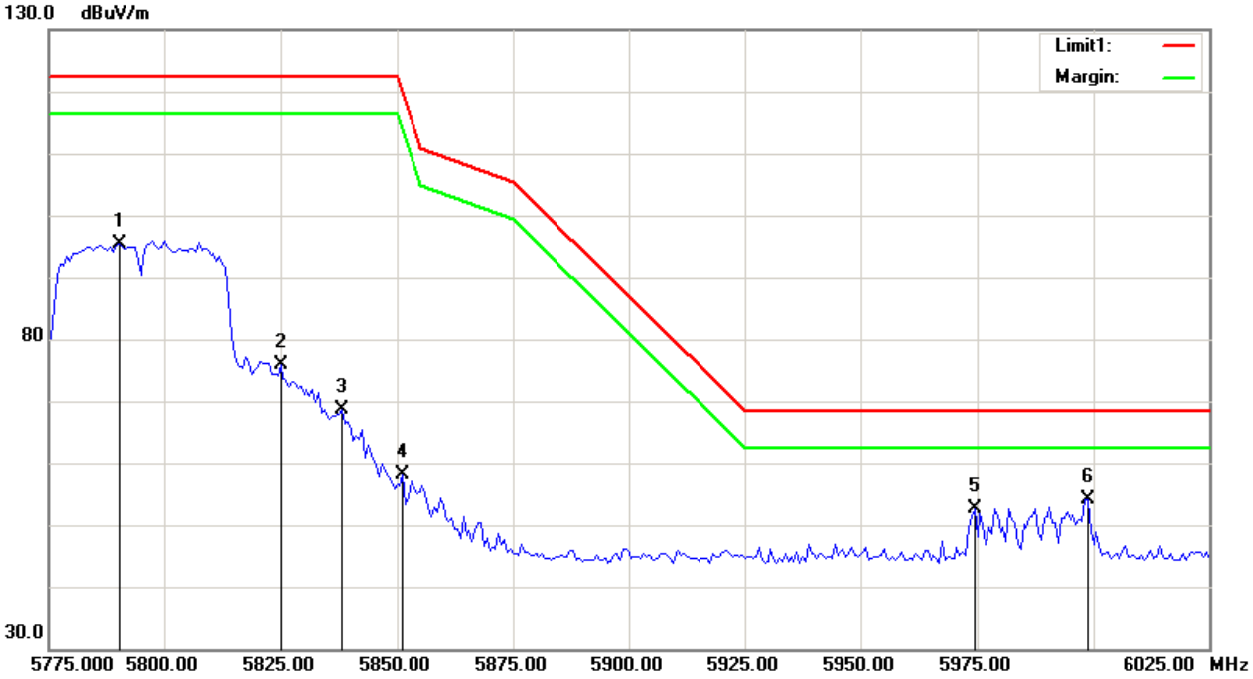
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5788.750	96.81	-4.11	92.70	122.30	-29.60	peak
2	5828.750	69.63	-4.04	65.59	122.30	-56.71	peak
3	5838.125	62.32	-4.03	58.29	122.30	-64.01	peak
4	5975.000	56.72	-3.81	52.91	68.30	-15.39	peak
5	5989.375	56.94	-3.78	53.16	68.30	-15.14	peak
6	5994.375	55.90	-3.78	52.12	68.30	-16.18	peak

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

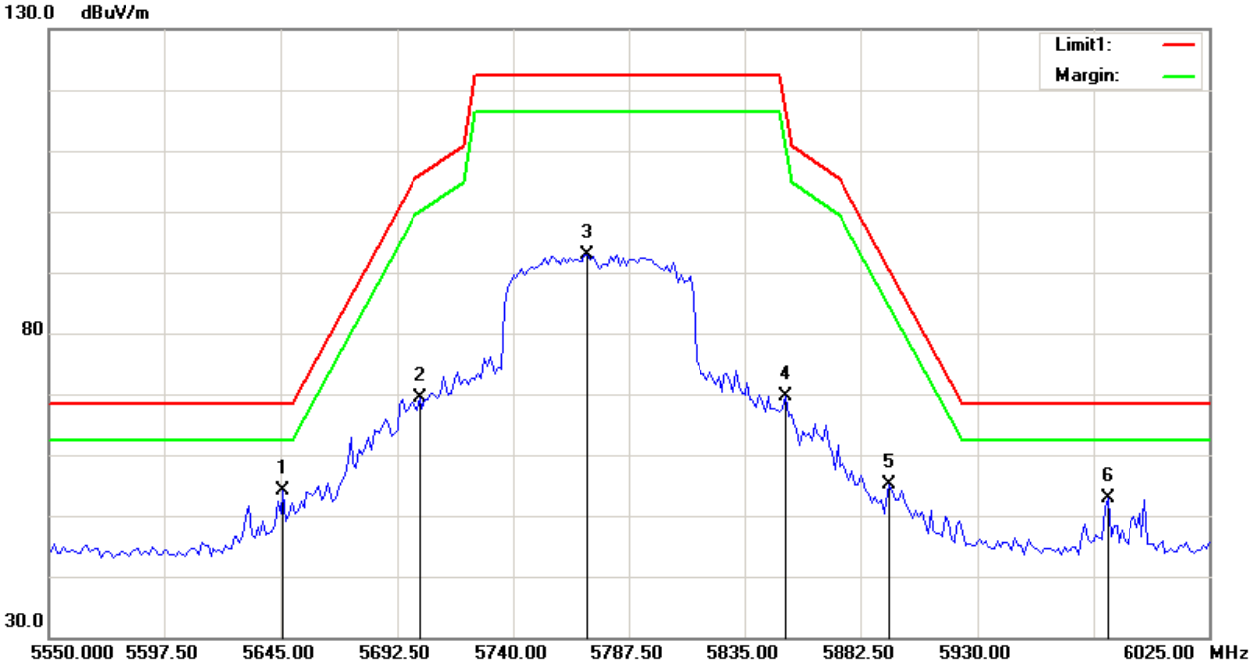
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5790.000	99.57	-4.11	95.46	122.30	-26.84	peak
2	5825.000	79.97	-4.05	75.92	122.30	-46.38	peak
3	5838.125	72.58	-4.03	68.55	122.30	-53.75	peak
4	5851.250	62.13	-4.01	58.12	119.45	-61.33	peak
5	5974.375	56.56	-3.81	52.75	68.30	-15.55	peak
6	5998.750	57.97	-3.77	54.20	68.30	-14.10	peak

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

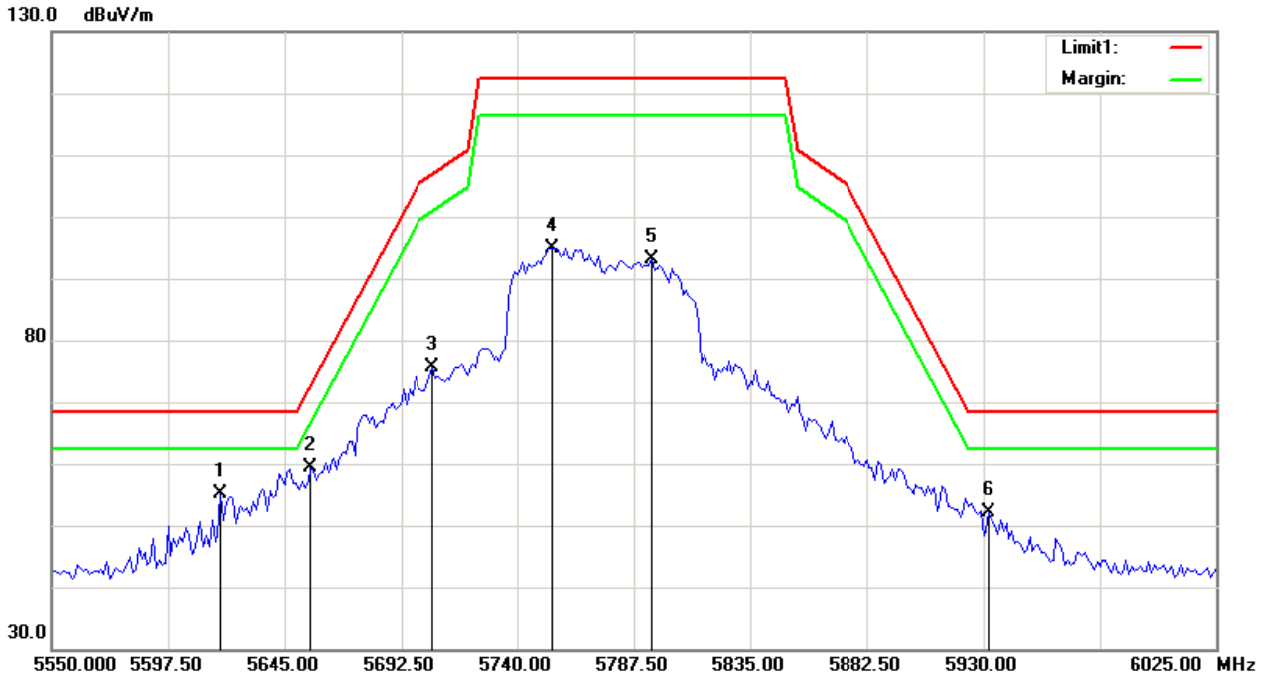
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5646.188	58.40	-4.35	54.05	68.30	-14.25	peak
2	5702.000	73.53	-4.25	69.28	105.86	-36.58	peak
3	5770.875	97.06	-4.14	92.92	122.30	-29.38	peak
4	5851.625	73.55	-4.01	69.54	118.59	-49.05	peak
5	5894.375	59.14	-3.94	55.20	90.96	-35.76	peak
6	5983.438	56.77	-3.80	52.97	68.30	-15.33	peak

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

Horizontal

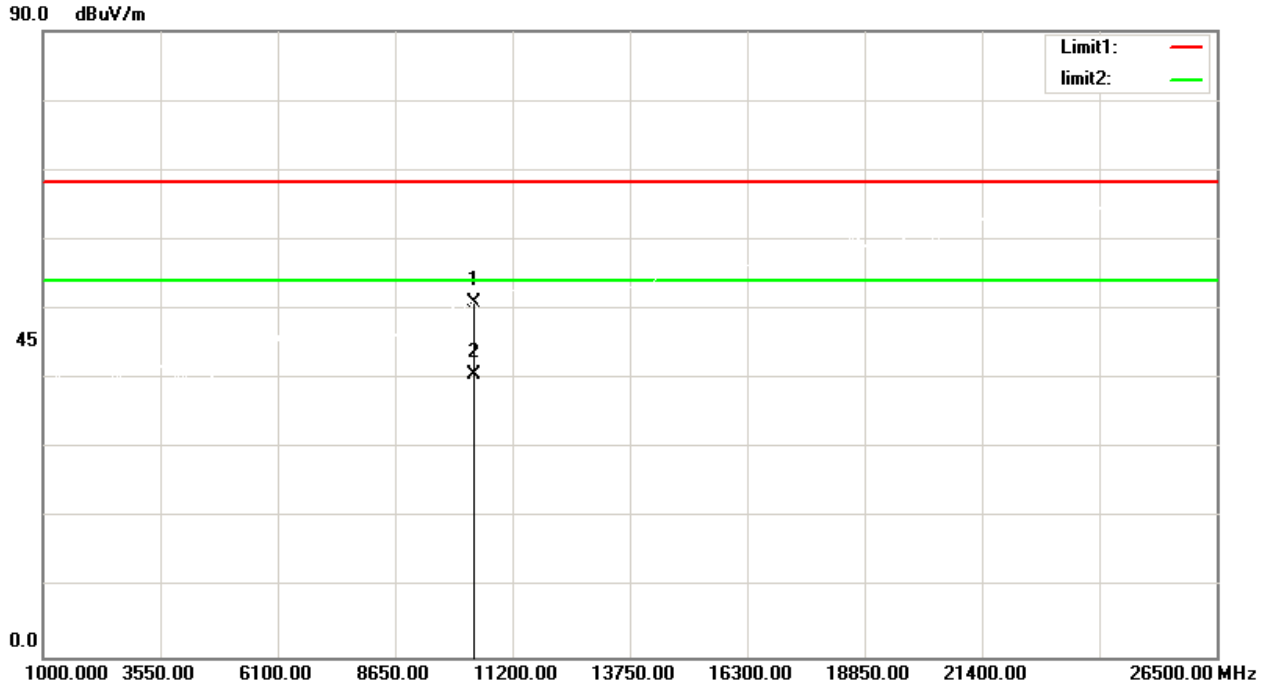


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5618.875	59.40	-4.39	55.01	68.30	-13.29	peak
2	5655.688	63.61	-4.32	59.29	72.51	-13.22	peak
3	5705.563	79.80	-4.24	75.56	106.86	-31.30	peak
4	5754.250	99.08	-4.16	94.92	122.30	-27.38	peak
5	5794.625	97.27	-4.10	93.17	122.30	-29.13	peak
6	5932.375	55.92	-3.89	52.03	68.30	-16.27	peak

5.9 TEST RESULTS - ABOVE1000 MHz (HARMONIC)

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

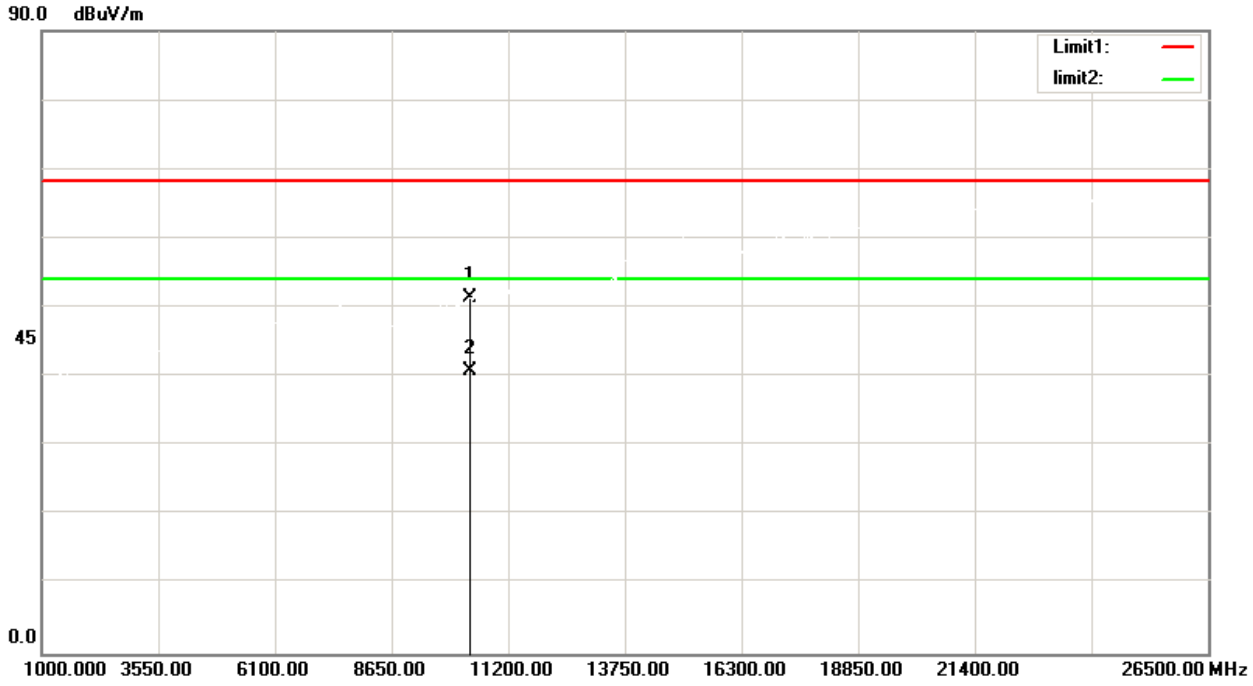
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.74	6.22	50.96	68.30	-17.34	peak
2	10360.000	34.46	6.22	40.68	54.00	-13.32	AVG

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

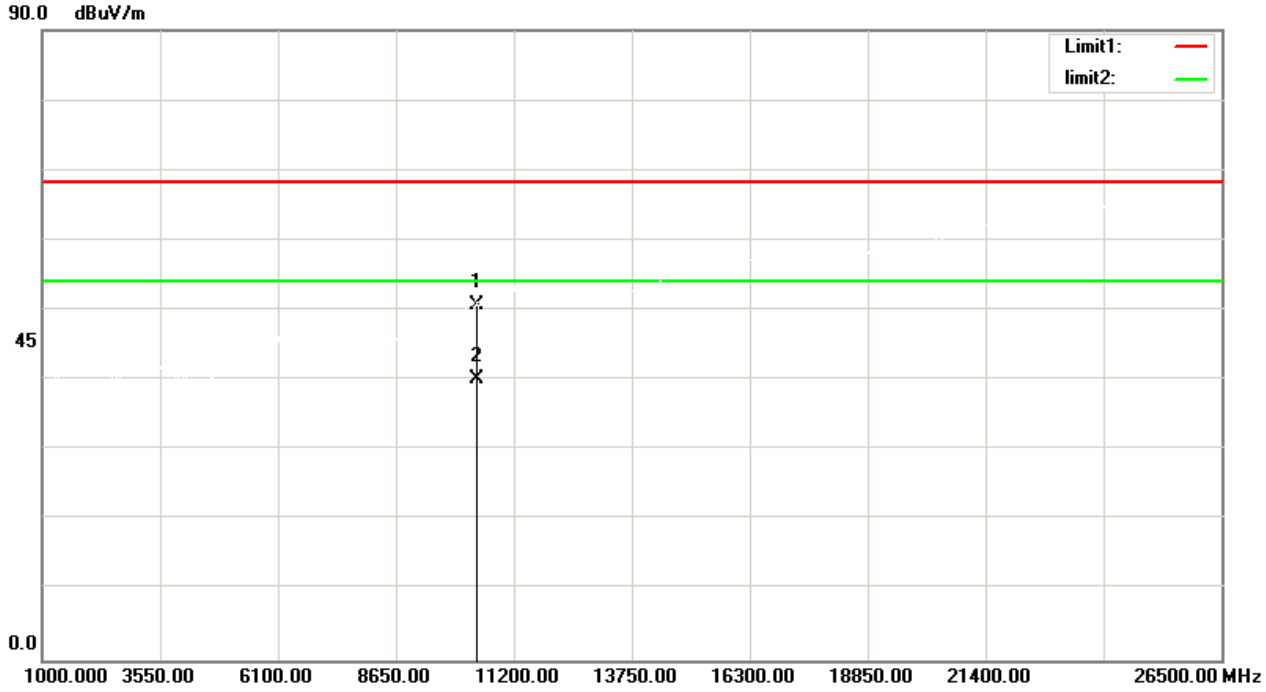
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	45.25	6.22	51.47	68.30	-16.83	peak
2	10360.000	34.52	6.22	40.74	54.00	-13.26	AVG

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

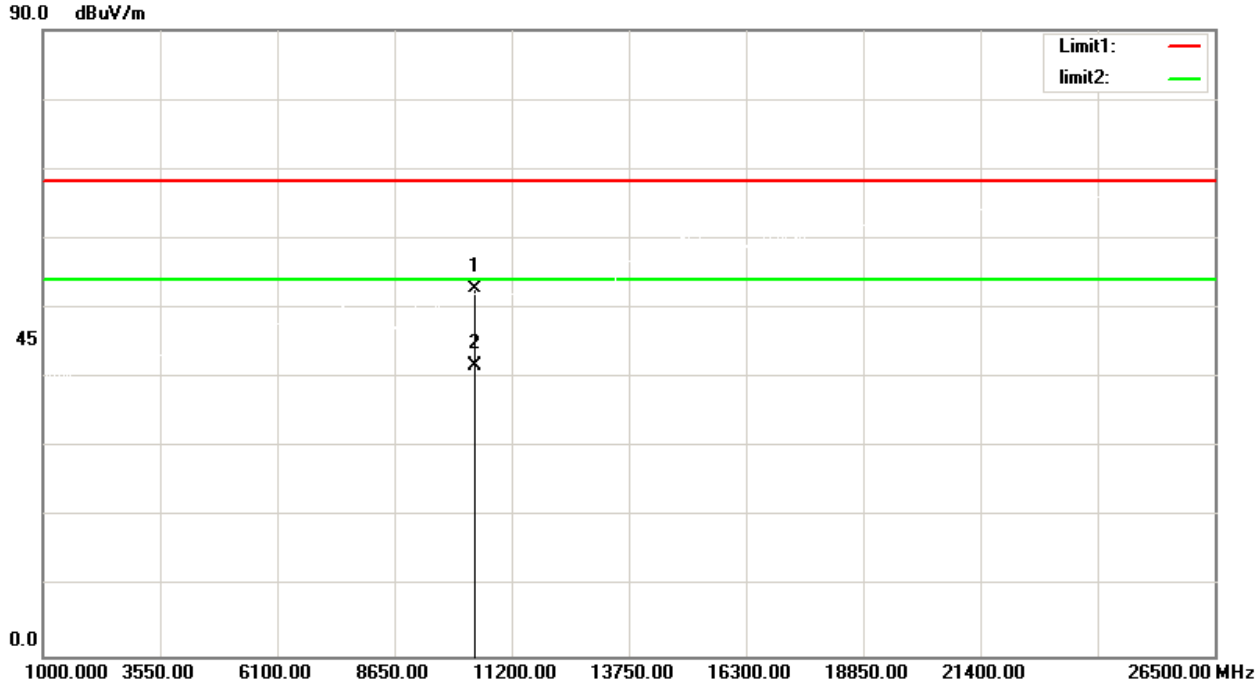
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.47	6.35	50.82	68.30	-17.48	peak
2	10400.000	33.92	6.35	40.27	54.00	-13.73	AVG

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

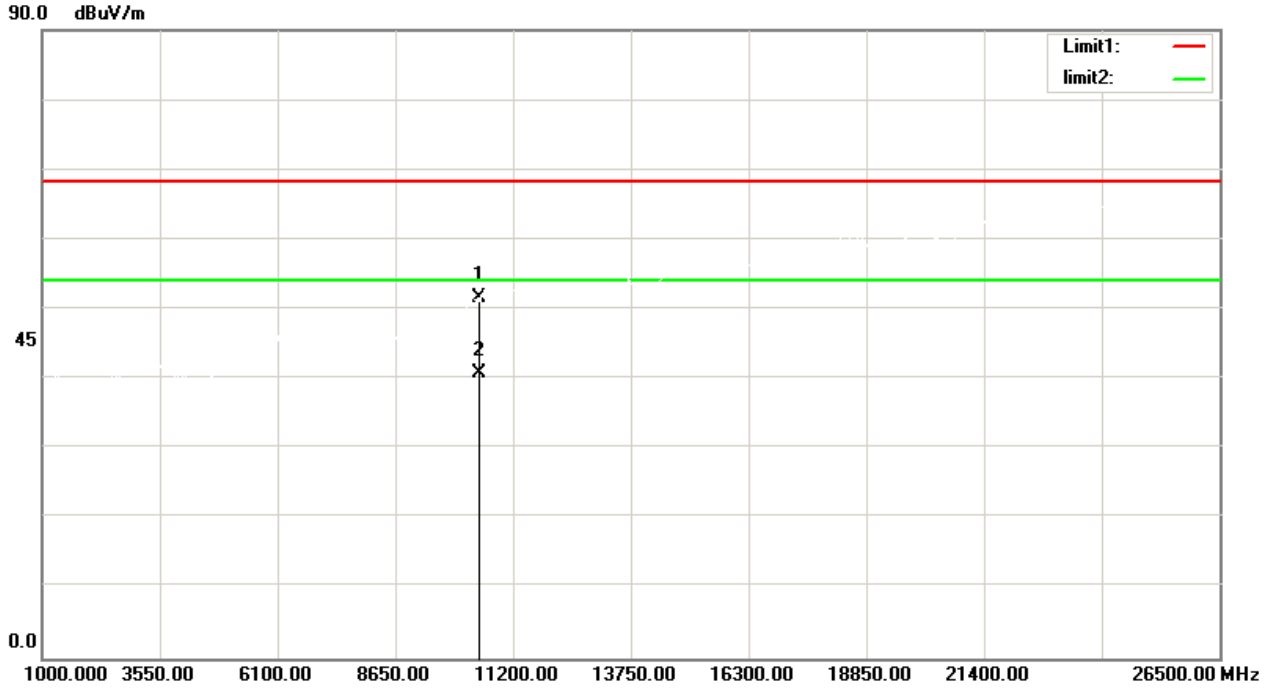
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	46.33	6.35	52.68	68.30	-15.62	peak
2	10400.000	35.37	6.35	41.72	54.00	-12.28	AVG

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

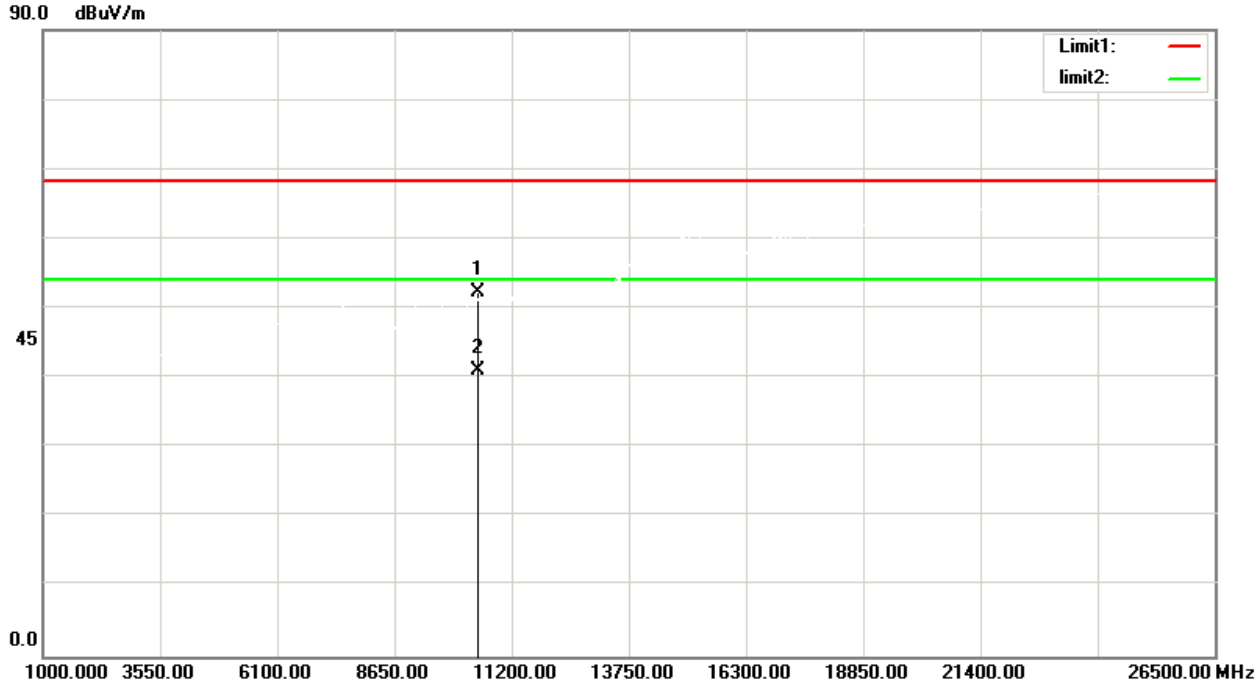
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.08	6.61	51.69	68.30	-16.61	peak
2	10480.000	34.26	6.61	40.87	54.00	-13.13	AVG

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

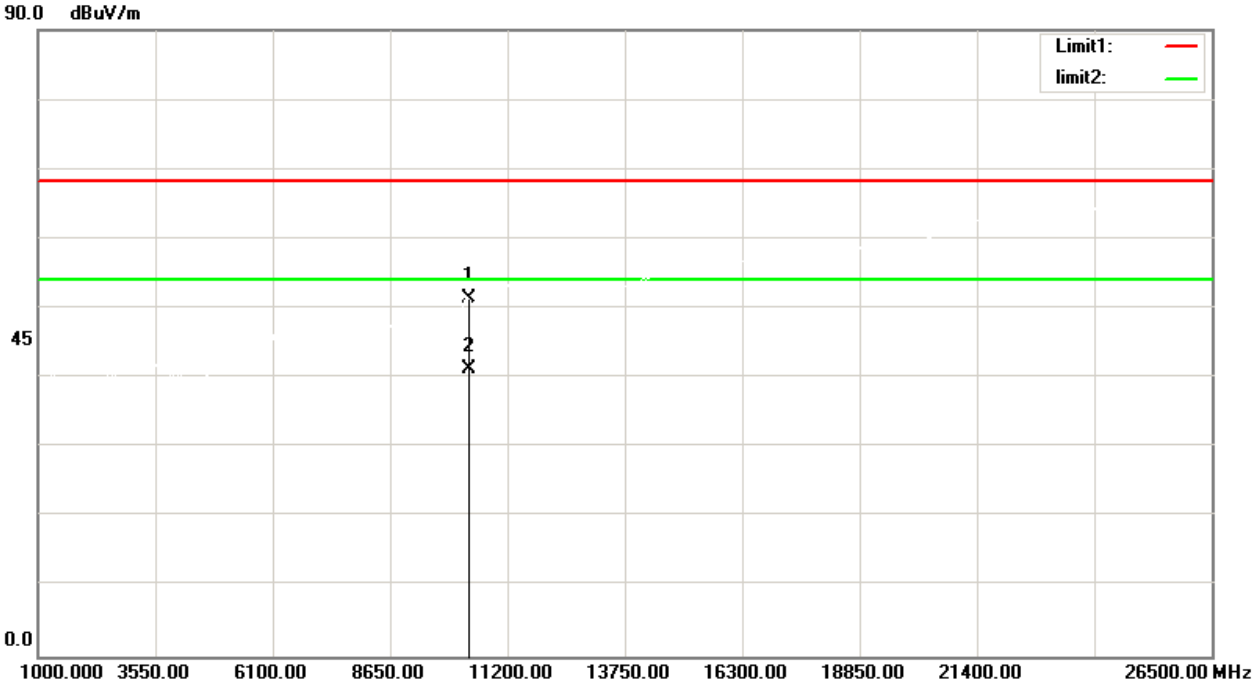
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.77	6.61	52.38	68.30	-15.92	peak
2	10480.000	34.52	6.61	41.13	54.00	-12.87	AVG

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

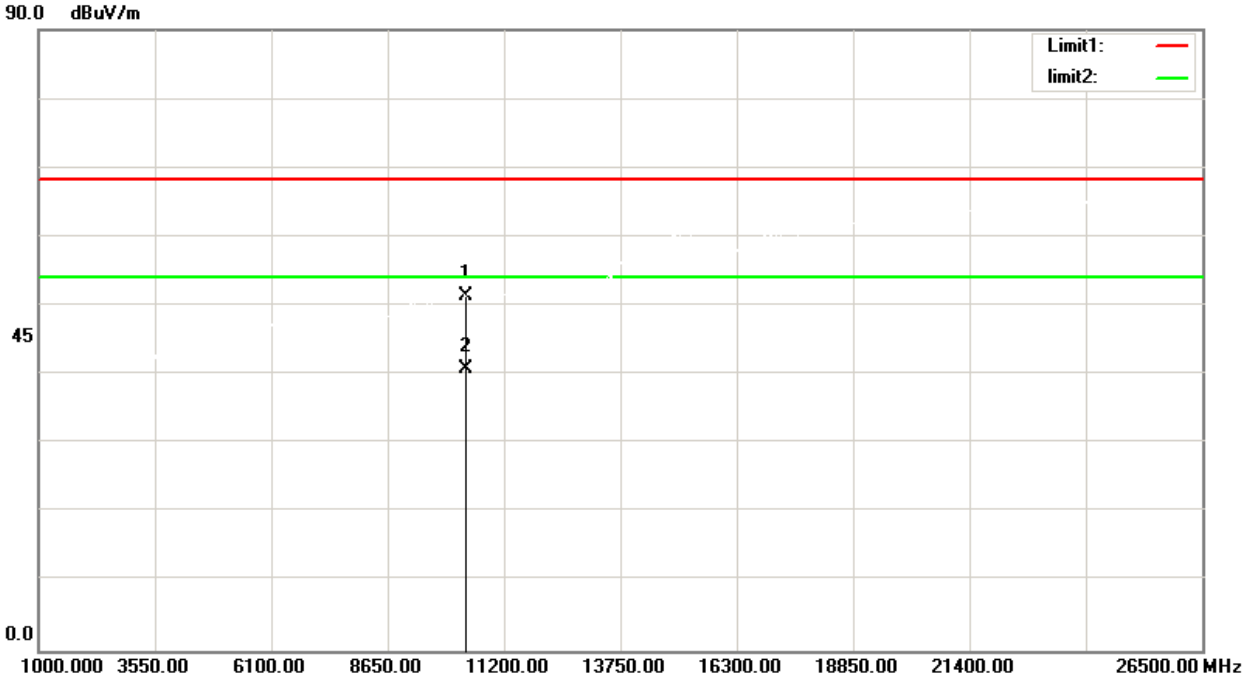
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	45.24	6.22	51.46	68.30	-16.84	peak
2	10360.000	35.15	6.22	41.37	54.00	-12.63	AVG

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

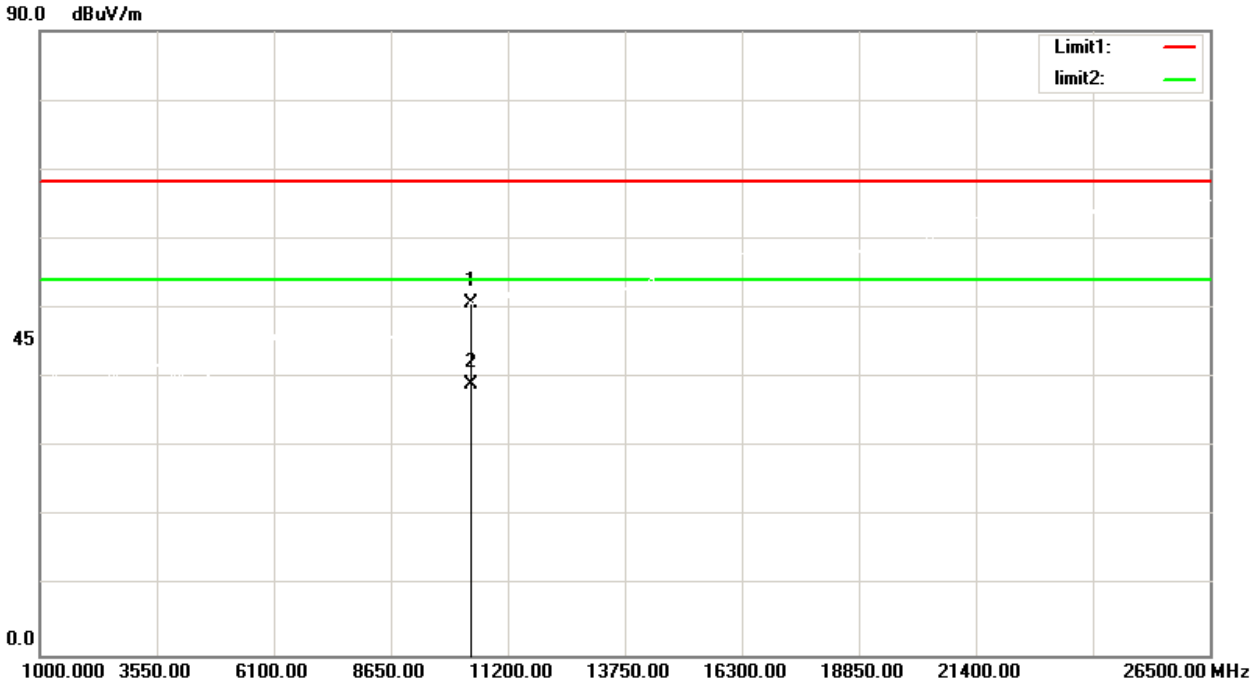
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	45.25	6.22	51.47	68.30	-16.83	peak
2	10360.000	34.70	6.22	40.92	54.00	-13.08	AVG

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

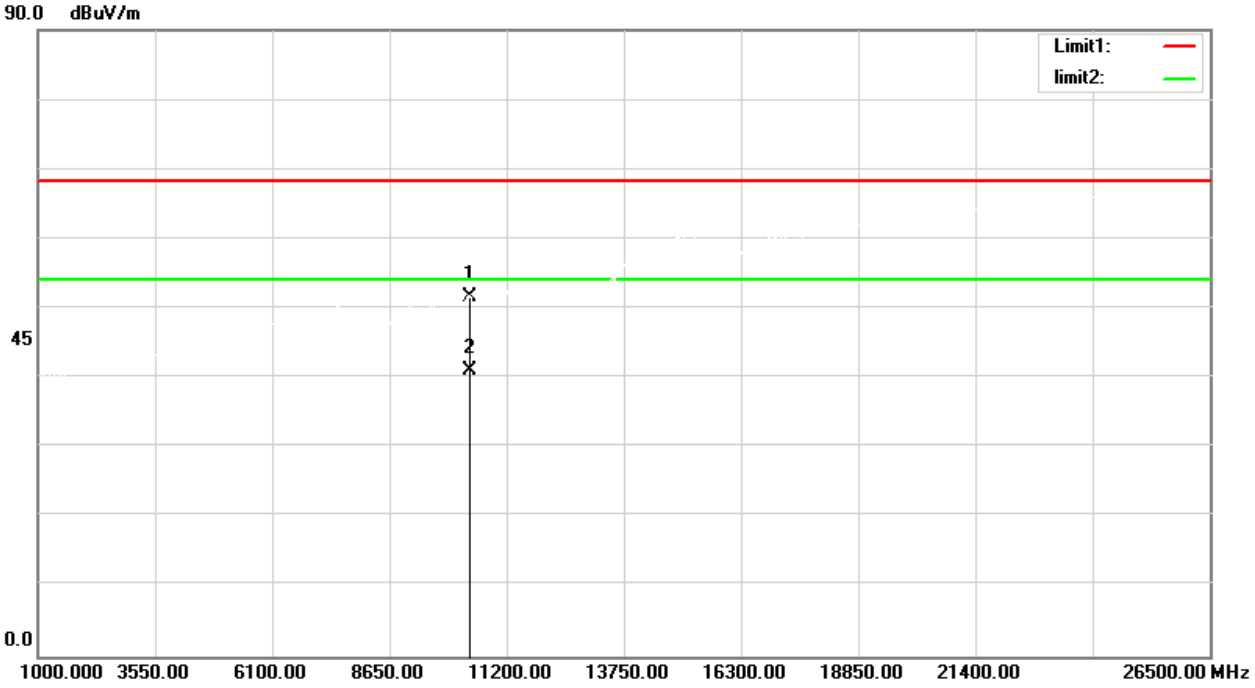
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.47	6.35	50.82	68.30	-17.48	peak
2	10400.000	32.77	6.35	39.12	54.00	-14.88	AVG

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

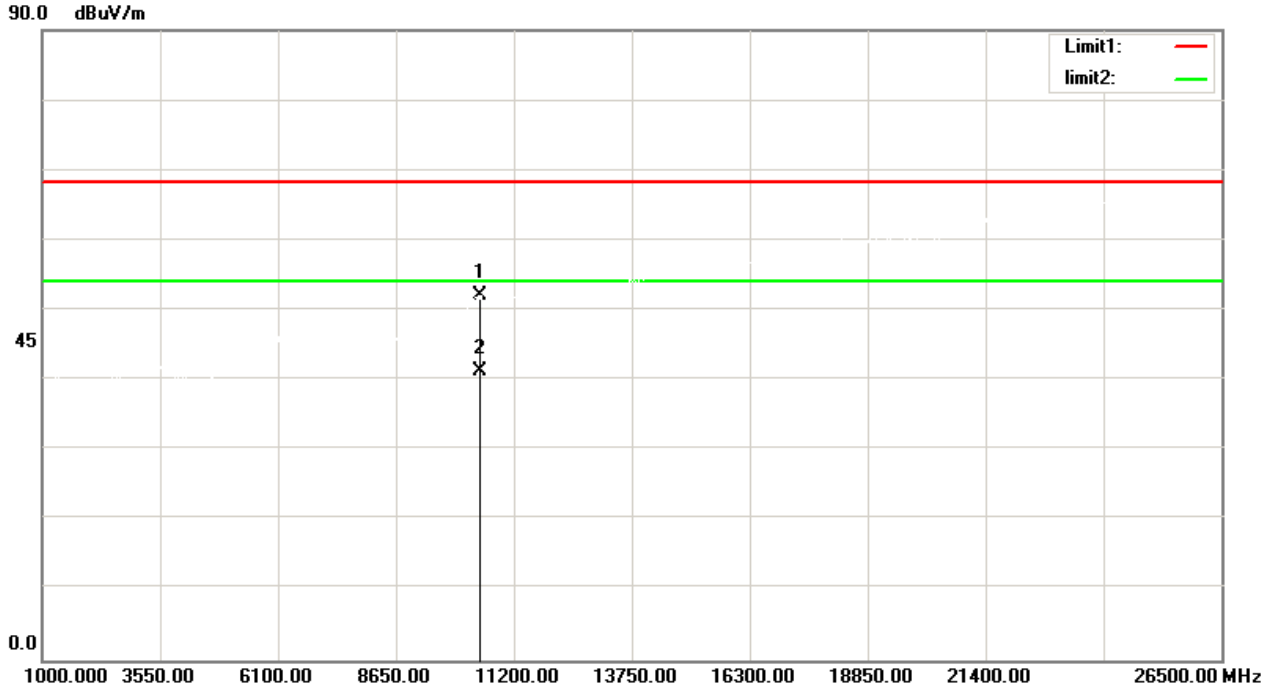
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	45.33	6.35	51.68	68.30	-16.62	peak
2	10400.000	34.68	6.35	41.03	54.00	-12.97	AVG

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

Vertical



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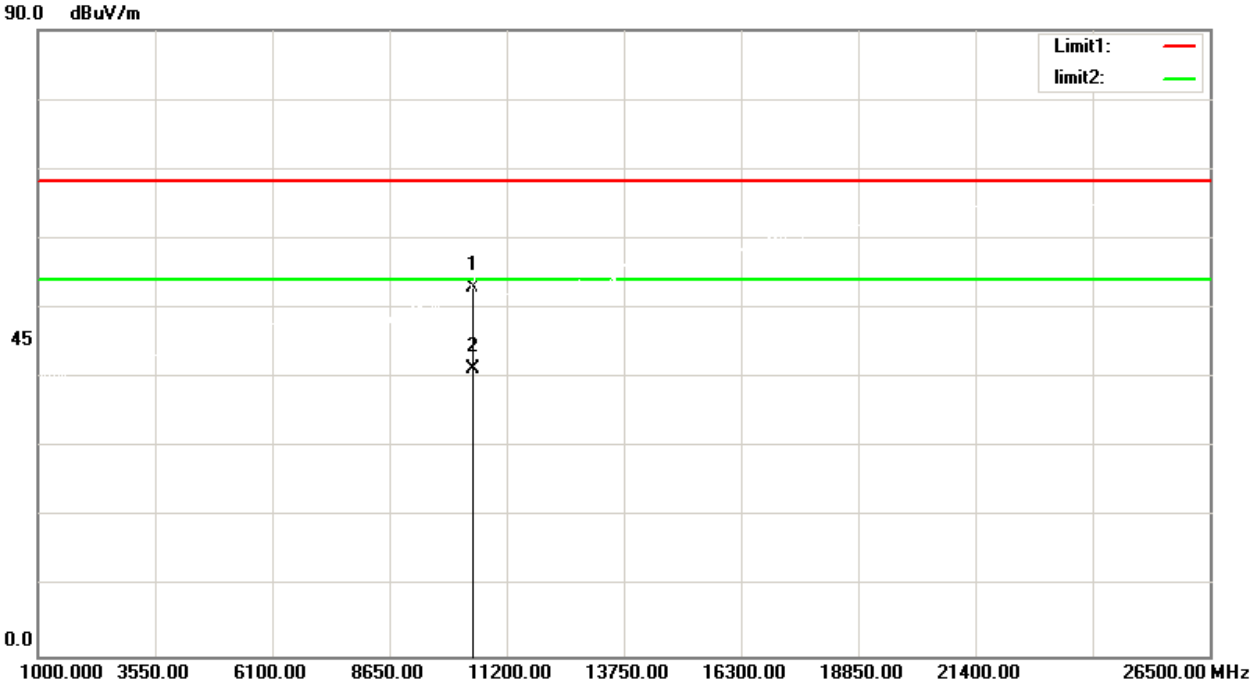
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.58	6.61	52.19	68.30	-16.11	peak
2	10480.000	34.76	6.61	41.37	54.00	-12.63	AVG

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

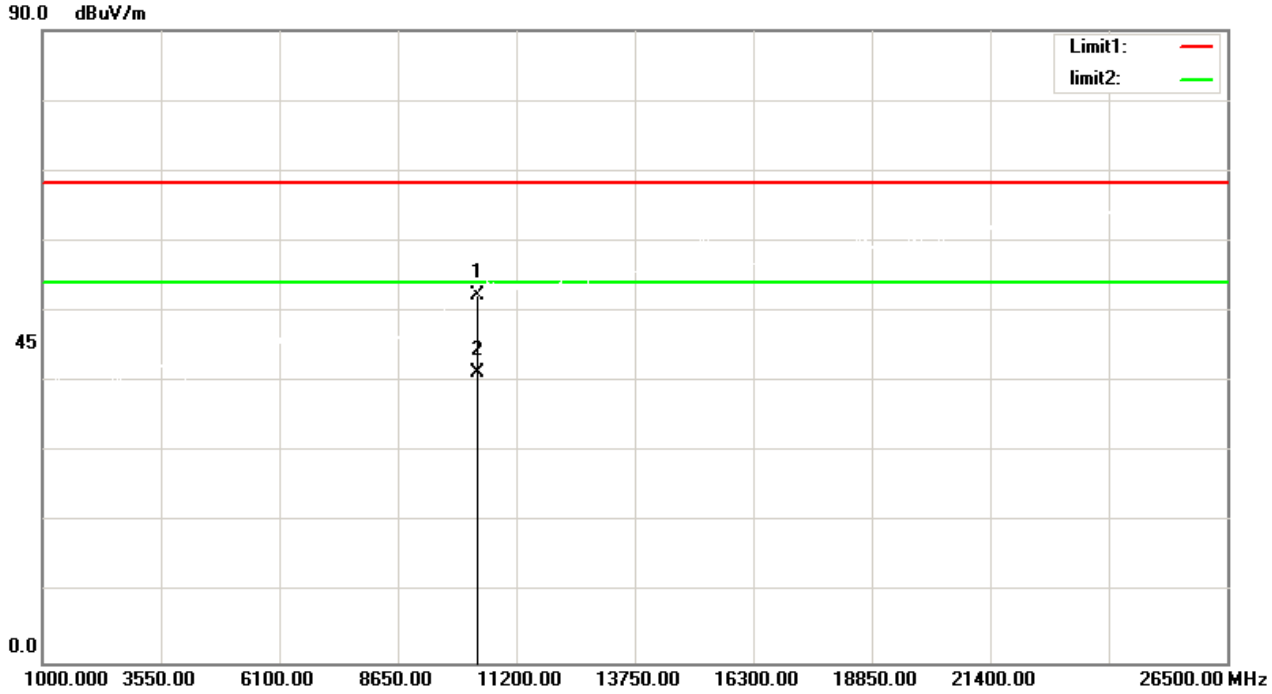
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	46.27	6.61	52.88	68.30	-15.42	peak
2	10480.000	34.76	6.61	41.37	54.00	-12.63	AVG

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

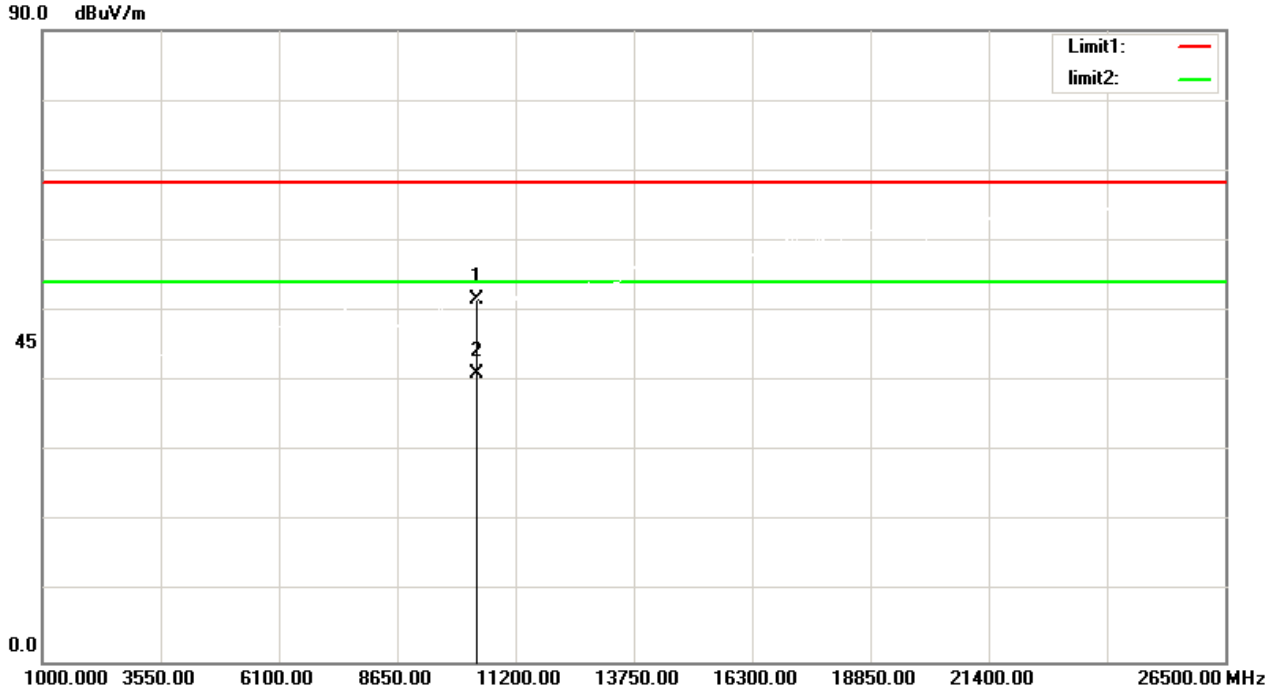
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	46.04	6.28	52.32	68.30	-15.98	peak
2	10380.000	35.10	6.28	41.38	54.00	-12.62	AVG

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

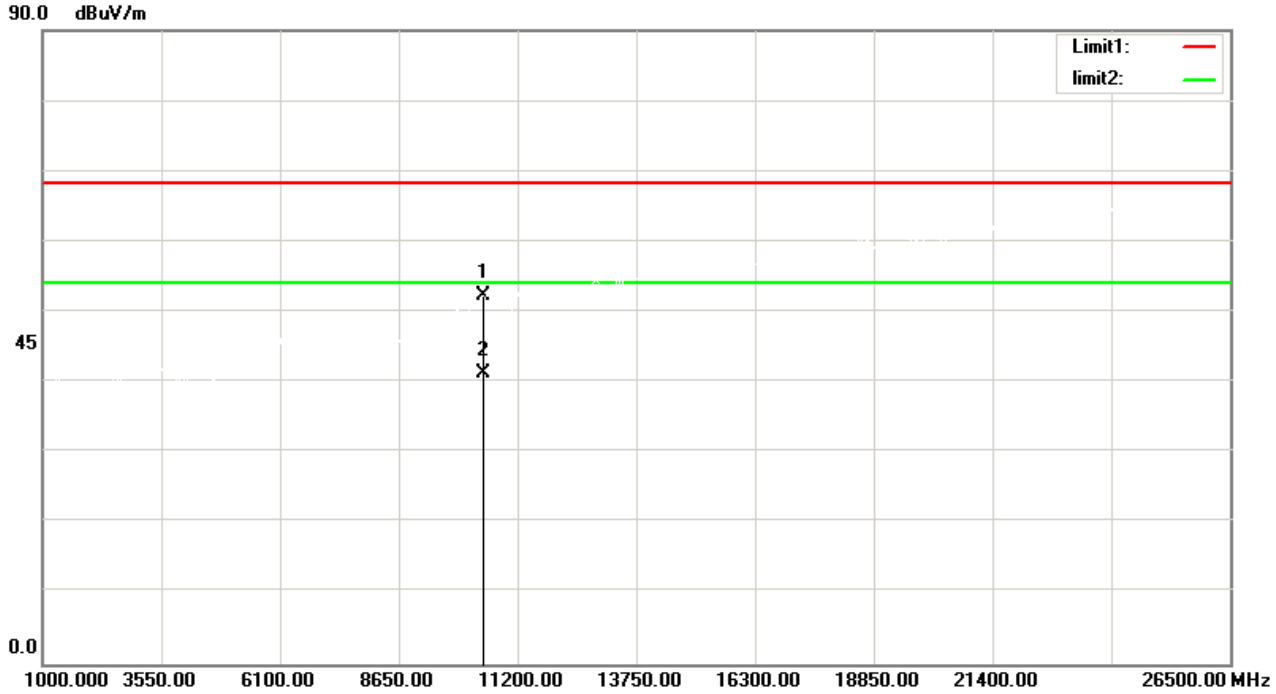
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	45.40	6.28	51.68	68.30	-16.62	peak
2	10380.000	34.77	6.28	41.05	54.00	-12.95	AVG

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

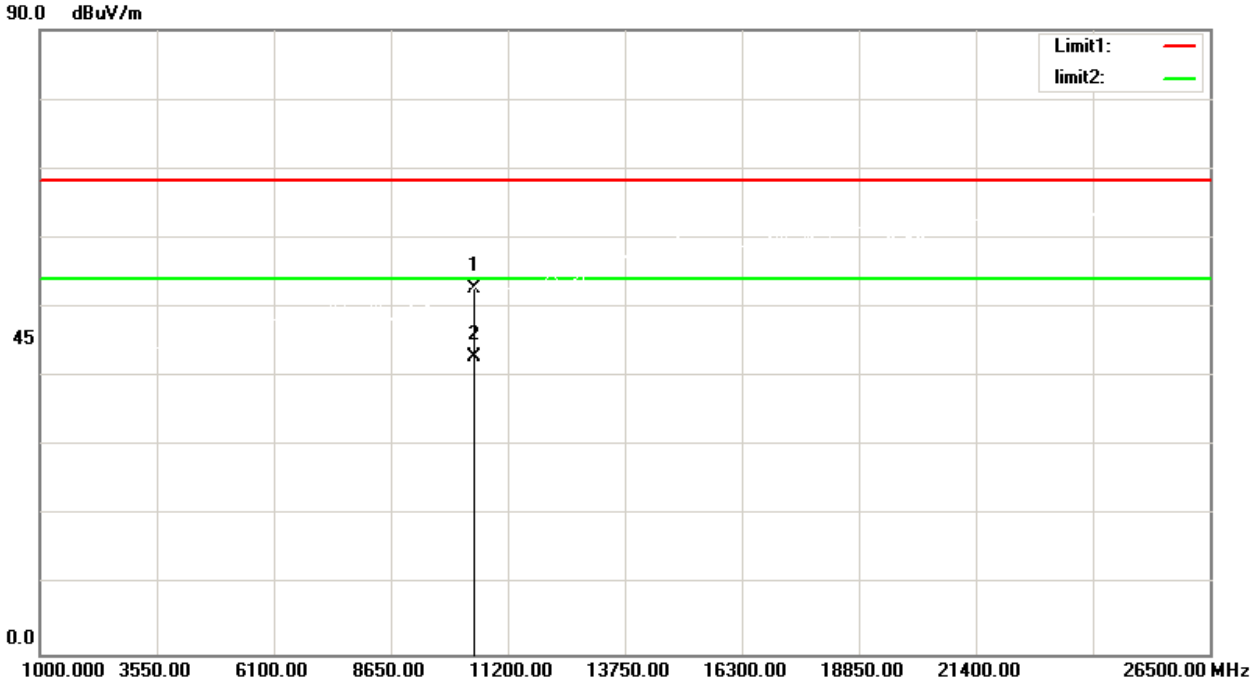
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	45.81	6.55	52.36	68.30	-15.94	peak
2	10460.000	34.76	6.55	41.31	54.00	-12.69	AVG

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

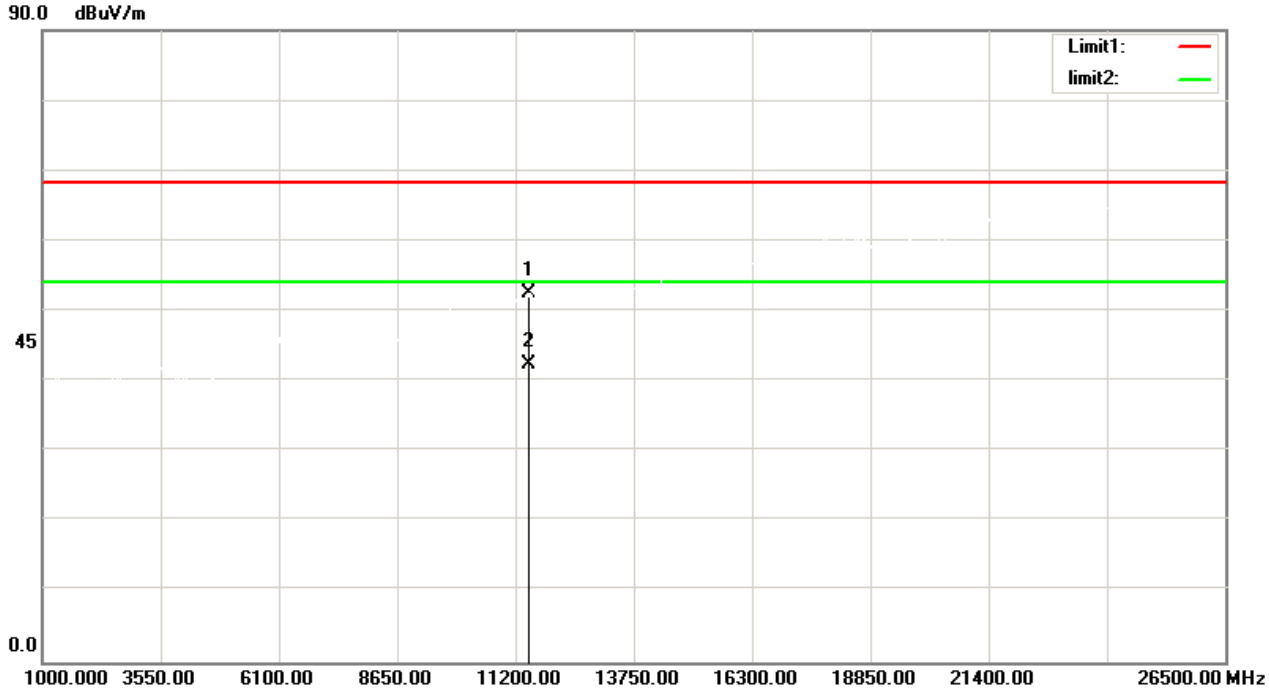
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	46.13	6.55	52.68	68.30	-15.62	peak
2	10460.000	36.27	6.55	42.82	54.00	-11.18	AVG

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

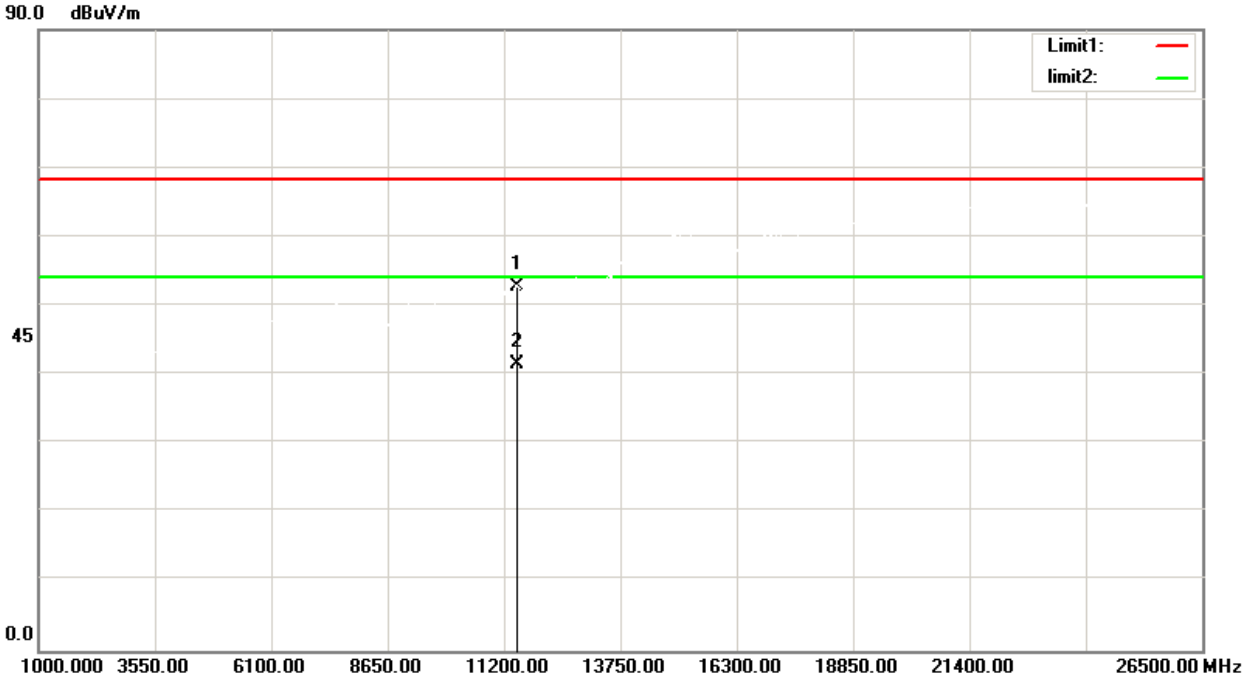
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.48	8.06	52.54	68.30	-15.76	peak
2	11490.000	34.25	8.06	42.31	54.00	-11.69	AVG

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

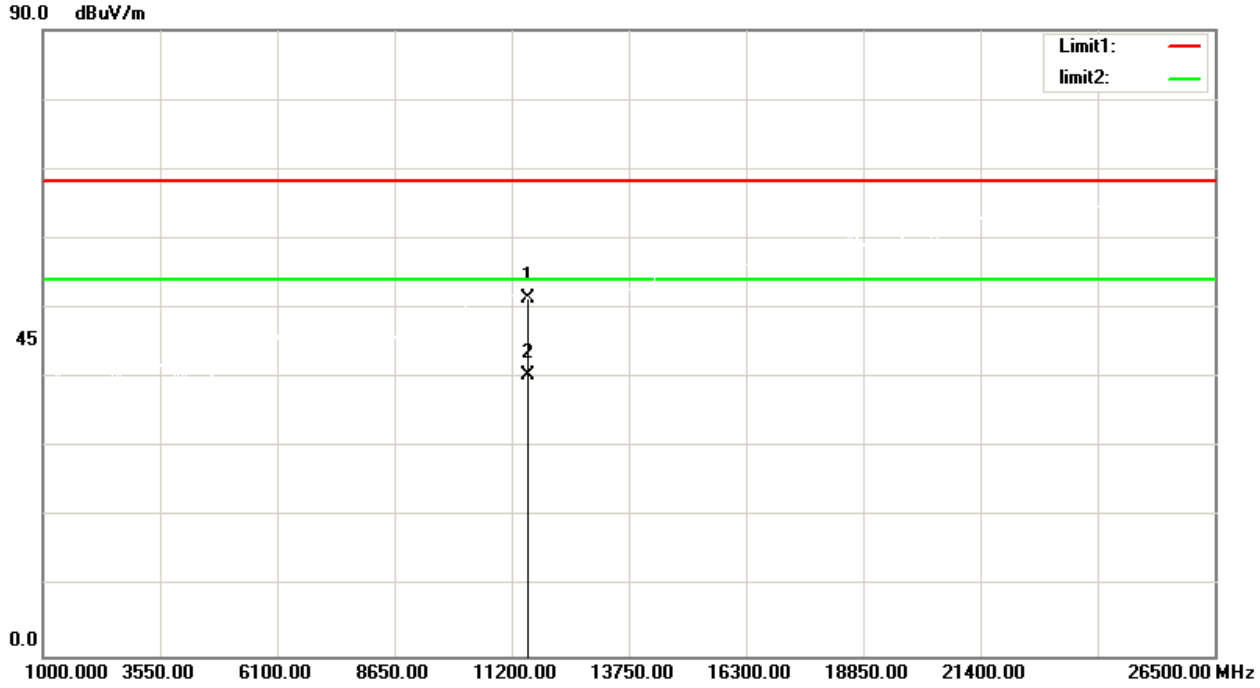
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.61	8.06	52.67	68.30	-15.63	peak
2	11490.000	33.52	8.06	41.58	54.00	-12.42	AVG

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

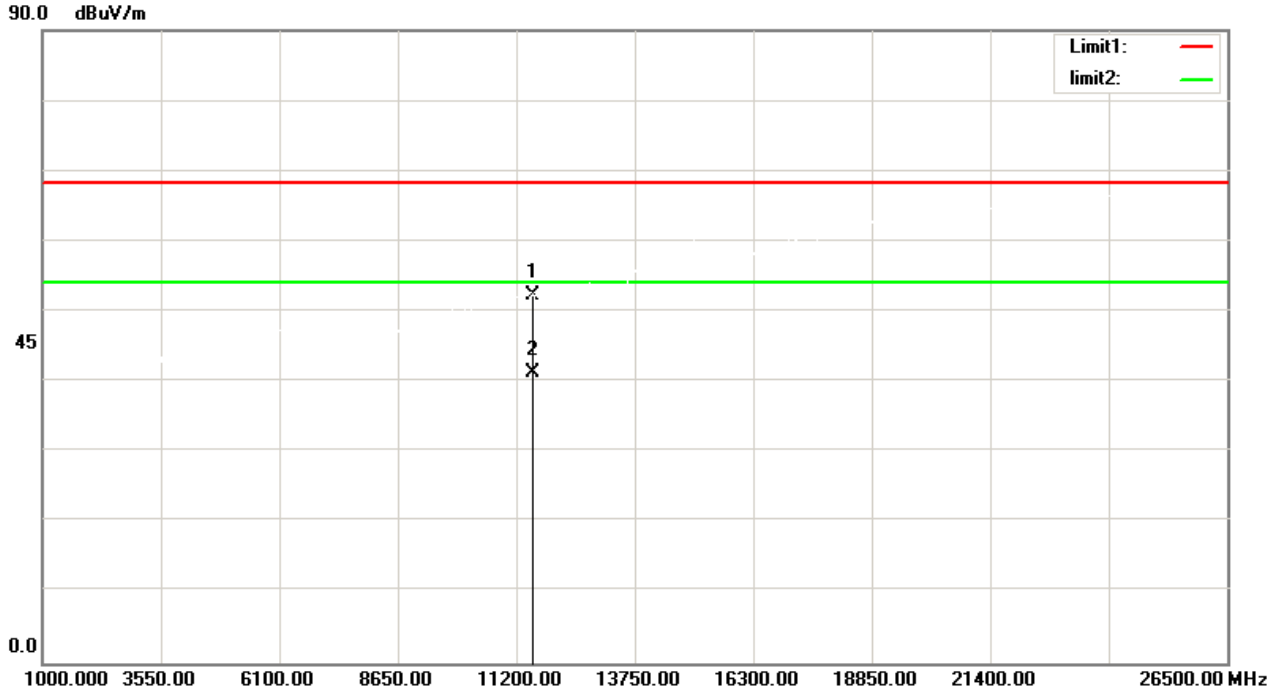
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	43.36	8.00	51.36	68.30	-16.94	peak
2	11570.000	32.36	8.00	40.36	54.00	-13.64	AVG

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

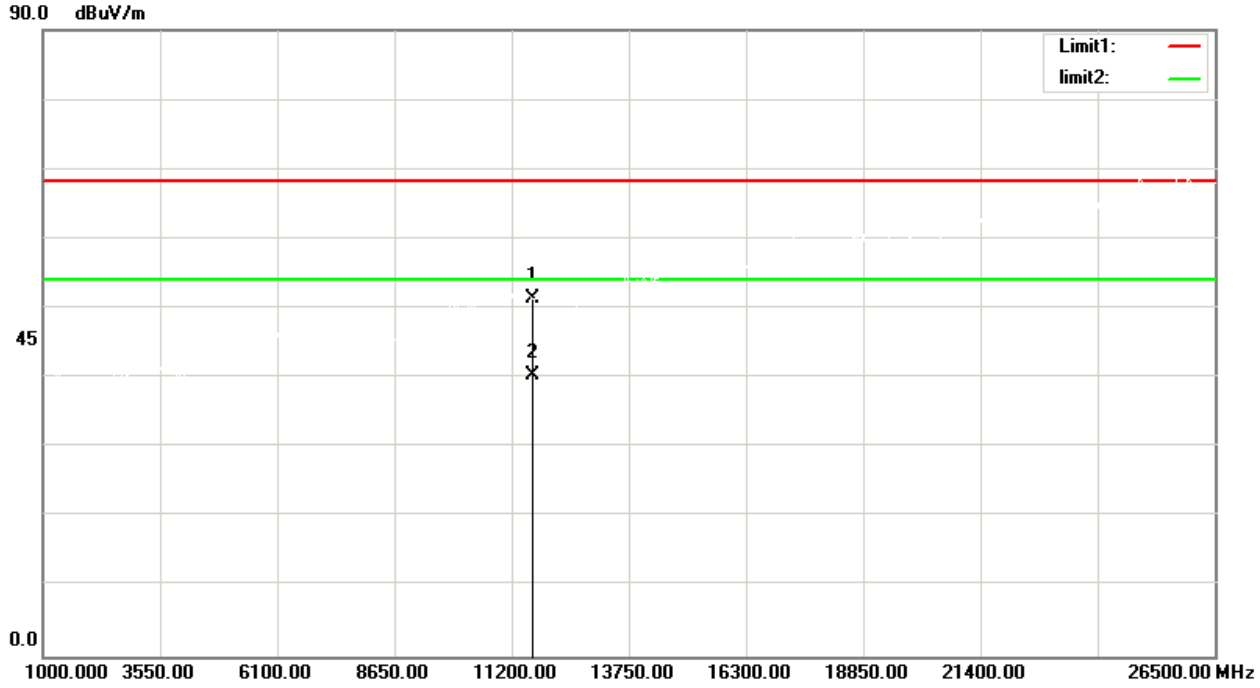
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.36	8.00	52.36	68.30	-15.94	peak
2	11570.000	33.34	8.00	41.34	54.00	-12.66	AVG

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

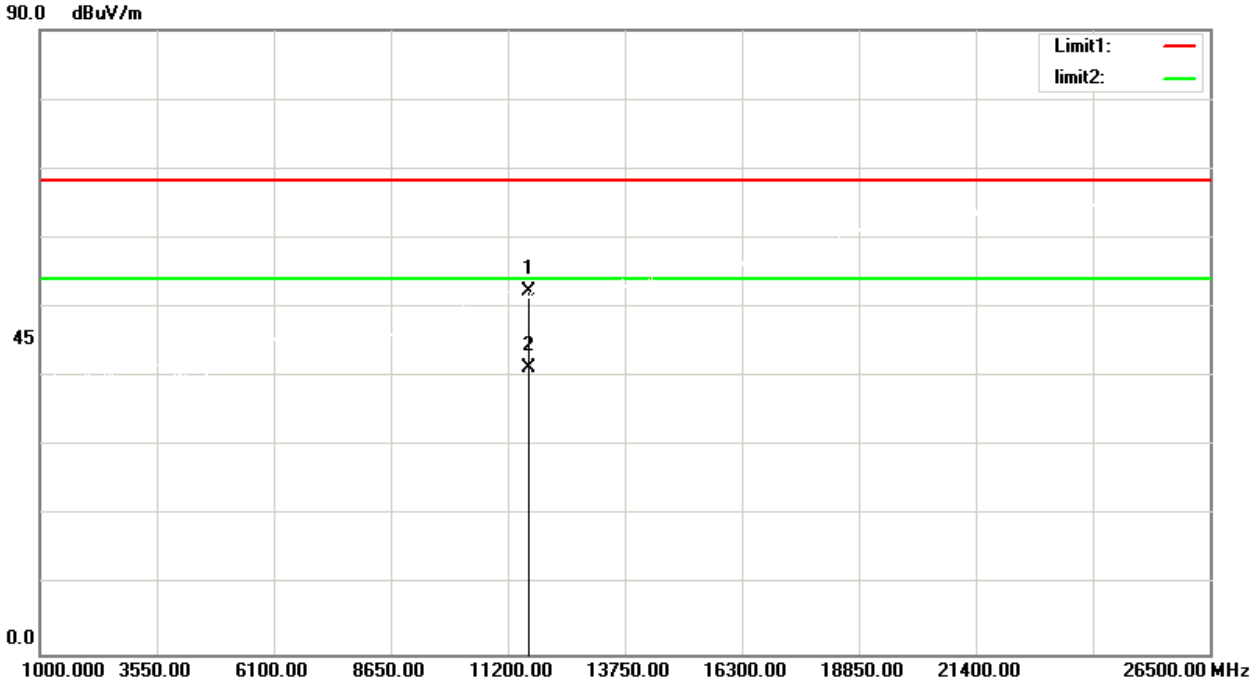
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.55	7.97	51.52	68.30	-16.78	peak
2	11650.000	32.42	7.97	40.39	54.00	-13.61	AVG

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

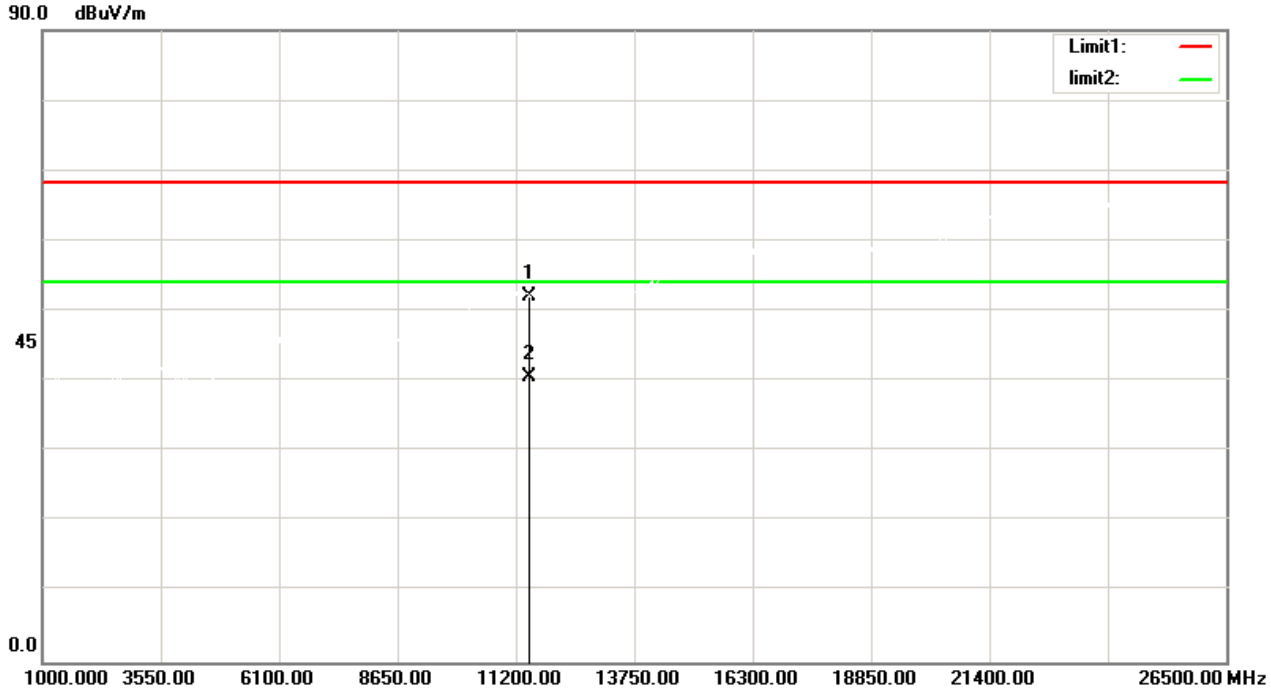
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	44.31	7.97	52.28	68.30	-16.02	peak
2	11650.000	33.27	7.97	41.24	54.00	-12.76	AVG

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

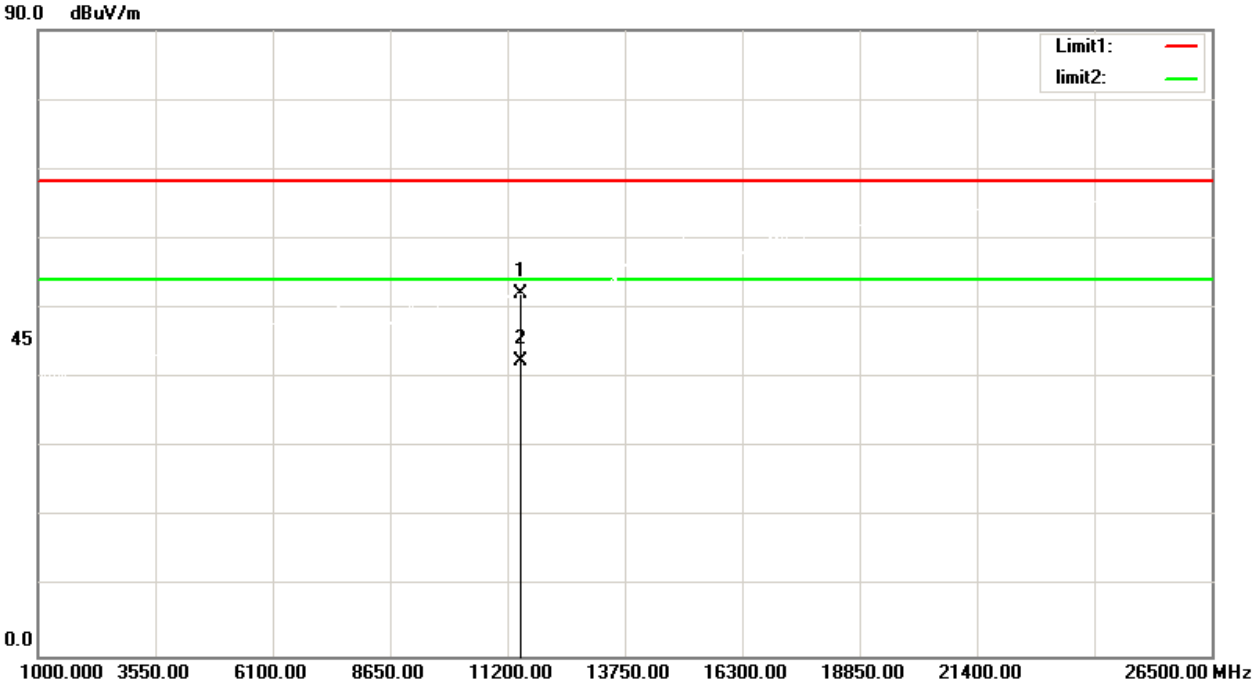
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.500	43.98	8.06	52.04	68.30	-16.26	peak
2	11490.500	32.61	8.06	40.67	54.00	-13.33	AVG

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

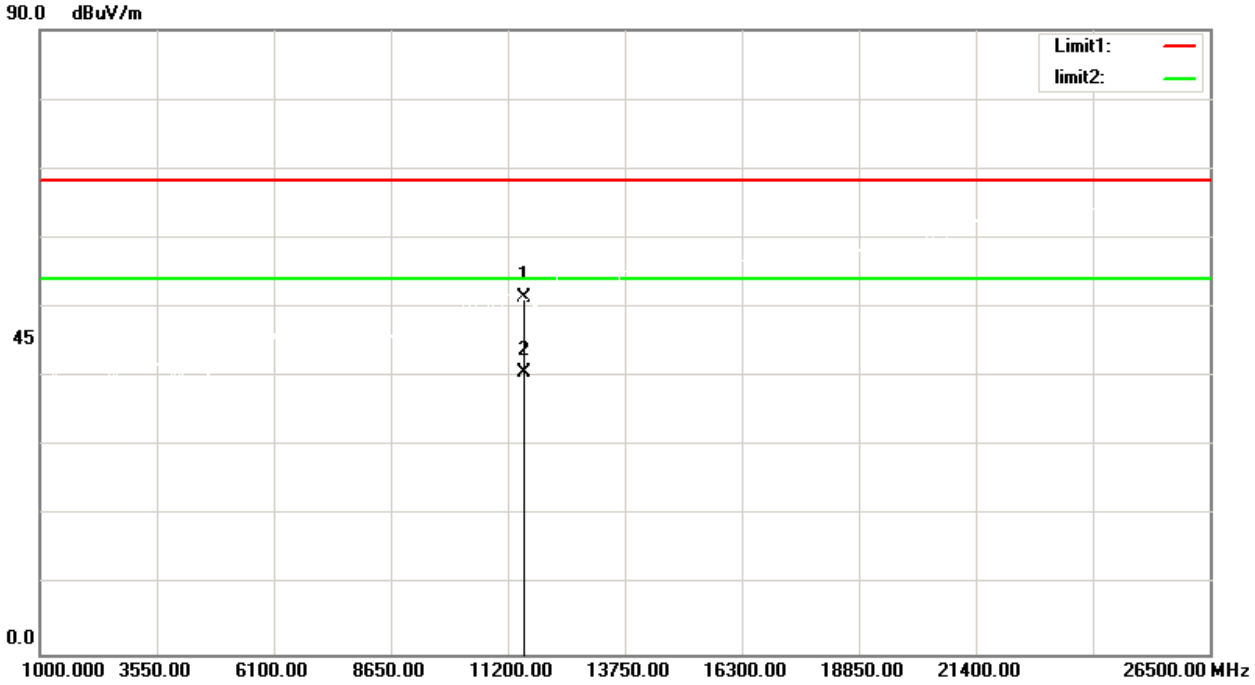
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.11	8.06	52.17	68.30	-16.13	peak
2	11490.000	34.33	8.06	42.39	54.00	-11.61	AVG

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

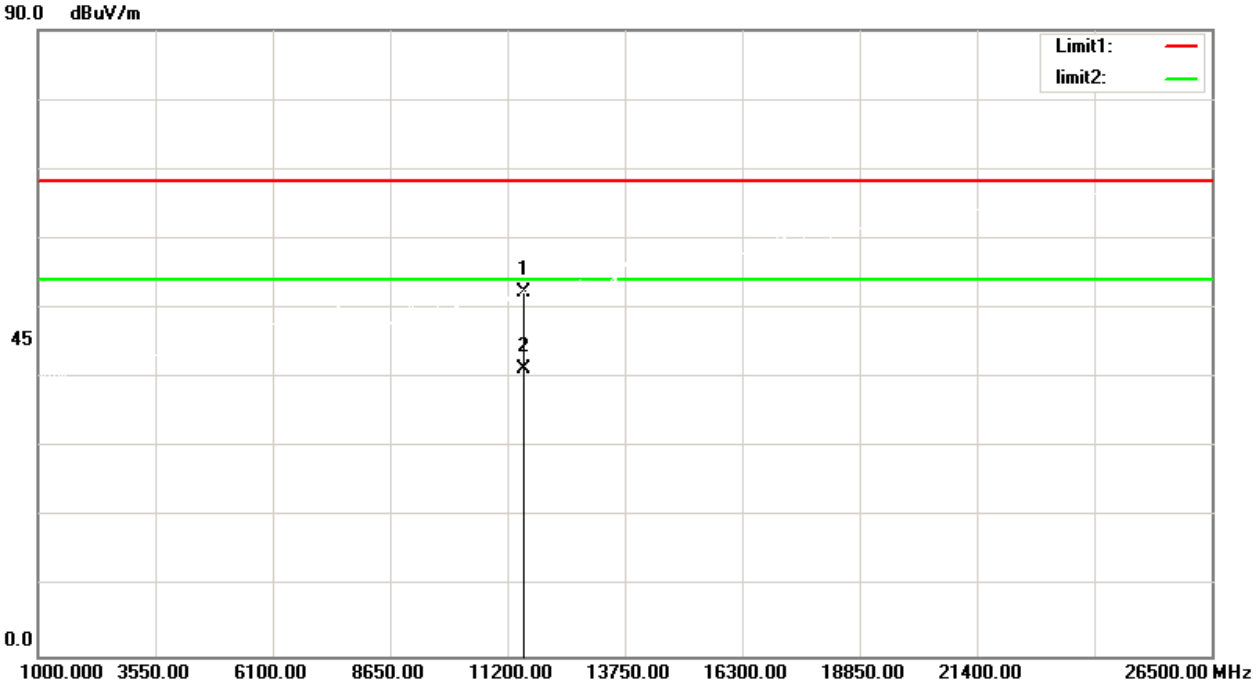
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	43.36	8.00	51.36	68.30	-16.94	peak
2	11570.000	32.69	8.00	40.69	54.00	-13.31	AVG

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

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.36	8.00	52.36	68.30	-15.94	peak
2	11570.000	33.31	8.00	41.31	54.00	-12.69	AVG