

FCC &ISED Radio Test Report**FCC ID: 2AC23-WCT28
IC:12290A-WCT28****The report concerns: Original Grant**

Report Reference No. : 21EFSS06094 06131
Date Sample(s) Received : 2021-05-27
Date of Tested : 2021-05-27 to 2021-08-06
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Testing Laboratory : DongGuanShuoXin 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,China
Manufacturer : Hui Zhou Gaoshengda Technology Co., LTD

Equipment : WIFI+BT Module
Trade Mark : GSD
Model : WCT28M2701
Ratings : I/P: DC 3.3V

Test Engineer:


Blue Qiu

Responsible Engineer :


Smile Wang

Authorized Signatory:



King Wang

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1TEST REPORT DECLARE

Applicant	Hui Zhou Gaoshengda Technology Co., LTD
Address	NO.75 Zhongkai Development Area, Huizhou, Guangdong,China
Manufacturer	Hui Zhou Gaoshengda Technology Co., LTD
Address	NO.75 Zhongkai Development Area, Huizhou, Guangdong, China
Factory	Hui Zhou Gaoshengda Technology Co., LTD
Address	NO.75 Zhongkai Development Area, Huizhou, Guangdong, China
Equipment	WIFI+BT Module
Model No.	WCT28M2701
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.

2SUMMARY 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.

2.1 MEASUREMENT 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.

Test Facility:

The Test site used by DongGuan ShuoXin Electronic Technology Co., Ltd. to collect test data is located on the Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China

The test facility is recognized, certified, or accredited by the following organizations:

Item	Registration No.	Expiration Date
CNAS	L3098	2024-08-27
A2LA	4893.01	2022-06-30
Innovation, Science and Economic Development Canada (ISED)	11033A CAB identifier:CN0083	2022-06-30
Federal Communications Commission (FCC)	171688 Designation No.:CN1235	2022-06-30

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	WIFI+BT Module	
Brand Name	GSD	
Test Model	WCT28M2701	
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-2A: 5250MHz~5350 MHz UNII-2C:5470 MHz~5725 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
MaximumOutput Power for UNII-1 For FCC	IEEE 802.11a: 15.00dBm (0.0316W) IEEE 802.11n (HT20): 16.08dBm (0.0405 W) IEEE 802.11n (HT40): 16.59dBm (0.0457 W) IEEE 802.11ac (VHT20): 15.75dBm (0.0376 W) IEEE 802.11ac (VHT40): 16.76dBm (0.0474 W) IEEE 802.11ac (VHT80): 15.76dBm (0.0376 W)	
Maximum EIRP Output Powerfor UNII-1 For IC	IEEE 802.11a: 18.00dBm (0.0631W) IEEE 802.11n (HT20): 22.09dBm (0.1618 W) IEEE 802.11n (HT40): 22.60dBm (0.1820 W) IEEE 802.11ac (VHT20): 21.76dBm (0.1500 W) IEEE 802.11ac (VHT40): 21.77dBm (0.1503 W) IEEE 802.11ac (VHT80): 21.77dBm (0.1503 W)	
MaximumOutput Power for UNII-2A UNII-2C	IEEE 802.11a: 14.96dBm (0.0313W) IEEE 802.11n (HT20): 16.91dBm (0.0491 W) IEEE 802.11n (HT40): 16.82dBm (0.0481) IEEE 802.11ac (VHT20): 16.96dBm (0.0496 W) IEEE 802.11ac (VHT40): 16.83dBm (0.0482 W) IEEE 802.11ac (VHT80): 15.86dBm (0.0386 W)	
Maximum Output Power for UNII-3	IEEE 802.11a: 14.86dBm (0.0306 W) IEEE 802.11n (HT20): 16.81dBm (0.0480 W) IEEE 802.11n (HT40): 16.59dBm (0.0456 W) IEEE 802.11ac (VHT20): 16.77dBm (0.0475 W) IEEE 802.11ac (VHT40): 16.75dBm (0.0473 W) IEEE 802.11ac (VHT80): 15.82dBm (0.0382 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-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

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. It is not open 5600MHz-5650MHz for Canada. And all test data in the 5600MHz-5650MHz range is FCC only

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 / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH120, CH140 (UNII-2C)
Mode 14	TX N (HT20) Mode / CH100, CH120, CH140 (UNII-2C)
Mode 15	TX N (HT40) Mode/CH102, CH110, CH134(UNII-2C)
Mode 16	TX AC (VHT20) Mode / CH100, CH120, CH140 (UNII-2C)
Mode 17	TX AC (VHT40) Mode/CH102, CH110, CH134(UNII-2C)
Mode 18	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC (VHT80) Mode / CH155 (UNII-3)
Mode 25	TX N(HT40) Mode / CH159 (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 13	TX N(HT40) Mode / CH159 (UNII-3)

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 13	TX N(HT40) Mode / CH159 (UNII-3)

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 / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH120, CH140 (UNII-2C)
Mode 14	TX N (HT20) Mode / CH100, CH120, CH140 (UNII-2C)
Mode 15	TX N (HT40) Mode/CH102, CH110, CH134(UNII-2C)
Mode 16	TX AC (VHT20) Mode / CH100, CH120, CH140 (UNII-2C)
Mode 17	TX AC (VHT40) Mode/CH102, CH110, CH134(UNII-2C)
Mode 18	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC (VHT80) Mode / CH155 (UNII-3)

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 / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N (HT40) Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC (VHT40) Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC (VHT80) Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH120, CH140 (UNII-2C)
Mode 14	TX N (HT20) Mode / CH100, CH120, CH140 (UNII-2C)
Mode 15	TX N (HT40) Mode/CH102, CH110, CH134(UNII-2C)
Mode 16	TX AC (VHT20) Mode / CH100, CH120, CH140 (UNII-2C)
Mode 17	TX AC (VHT40) Mode/CH102, CH110, CH134(UNII-2C)
Mode 18	TX AC (VHT80) Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N (HT40) Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC (VHT40) Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC (VHT80) Mode / CH155 (UNII-3)

Note:

- (1) For radiated emission below 1 GHz and AC power line conducted emissions test, the IEEE 802.11n40channel 38is found to be the worst case and recorded.

3.3PARAMETERS OF TEST SOFTWARE

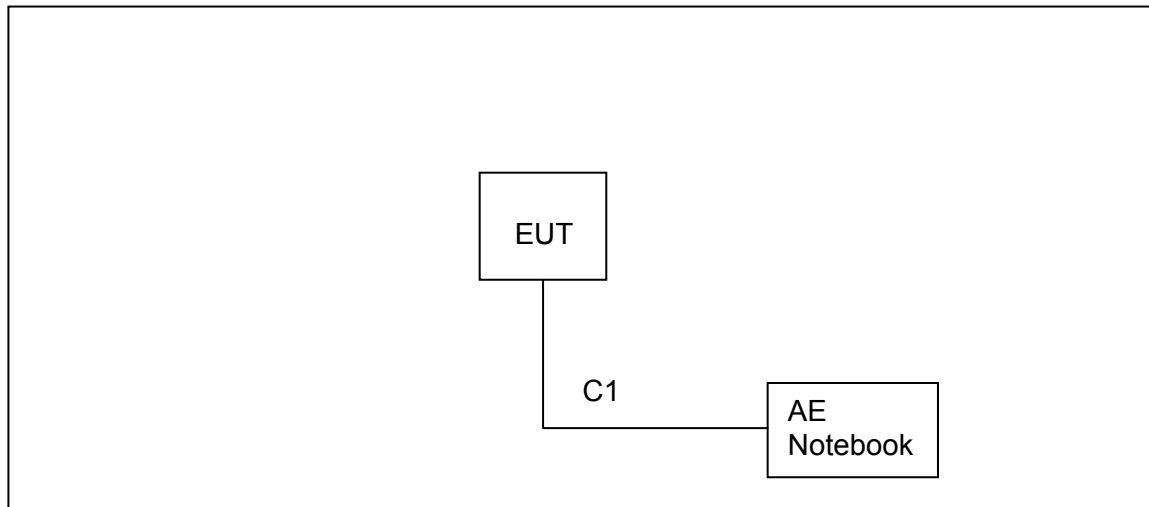
UNII-1			
Test Software	MT7663QA		
Test Frequency (MHz)	5180	5200	5240
IEEE 802.11a	23	23	22
IEEE 802.11n (HT20)	1D	1D	1D
IEEE 802.11ac (VHT20)	1D	1D	1D
Test Frequency (MHz)	5190	5230	
IEEE 802.11n (HT40)	20	1F	
IEEE 802.11ac (VHT40)	21	21	
Test Frequency (MHz)	5210		
IEEE 802.11ac (VHT80)	21		

UNII-2A			
Test Software	MT7663QA		
Test Frequency (MHz)	5260	5300	5320
IEEE 802.11a	21	21	21
IEEE 802.11n (HT20)	1F	1F	1F
IEEE 802.11ac (VHT20)	1F	1F	1F
Test Frequency (MHz)	5270	5310	
IEEE 802.11n (HT40)	1F	1F	
IEEE 802.11ac (VHT40)	1F	1F	
Test Frequency (MHz)	5290		
IEEE 802.11ac (VHT80)	21		

UNII-2C			
Test Software	MT7663QA		
Test Frequency (MHz)	5500	5600	5700
IEEE 802.11a	22	22	22
IEEE 802.11n (HT20)	1F	1F	1F
IEEE 802.11ac (VHT20)	20	20	1E
Test Frequency (MHz)	5510	5550	5670
IEEE 802.11n (HT40)	20	20	1E
IEEE 802.11ac (VHT40)	20	20	20
Test Frequency (MHz)	5530	5610	
IEEE 802.11ac (VHT80)	22	22	

UNII-3			
Test Software	MT7663QA		
Test Frequency (MHz)	5745	5785	5825
IEEE 802.11a	23	24	24
IEEE 802.11n (HT20)	20	22	22
IEEE 802.11ac (VHT20)	20	20	22
Test Frequency (MHz)	5755	5795	
IEEE 802.11n (HT40)	20	22	
IEEE 802.11ac (VHT40)	20	22	
Test Frequency (MHz)	5775		
IEEE 802.11ac (VHT80)	22		

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	1m

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 were performed under the condition of 100% Duty Cycle

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

4.1LIMIT

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

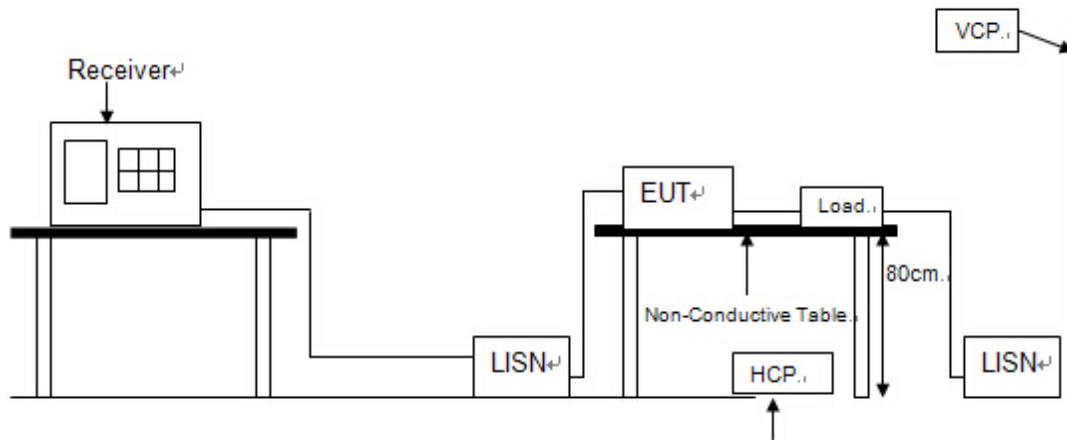
4.2 TEST PROCEDURE

- 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 groundplane 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.

4.3MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Pulse Limiter	MTS-systemtechnik	MTS-IMP-136	261115-010-0024	12/11/2021
2	EMI Test Receiver	R&S	ESCI	101308	12/12/2021
3	LISN	AFJ	LS16	16011103219	06/09/2022
4	LISN	Schwarzbeck	NSLK 8127	8127-432	12/11/2021
5	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

4.4 TEST SETUP



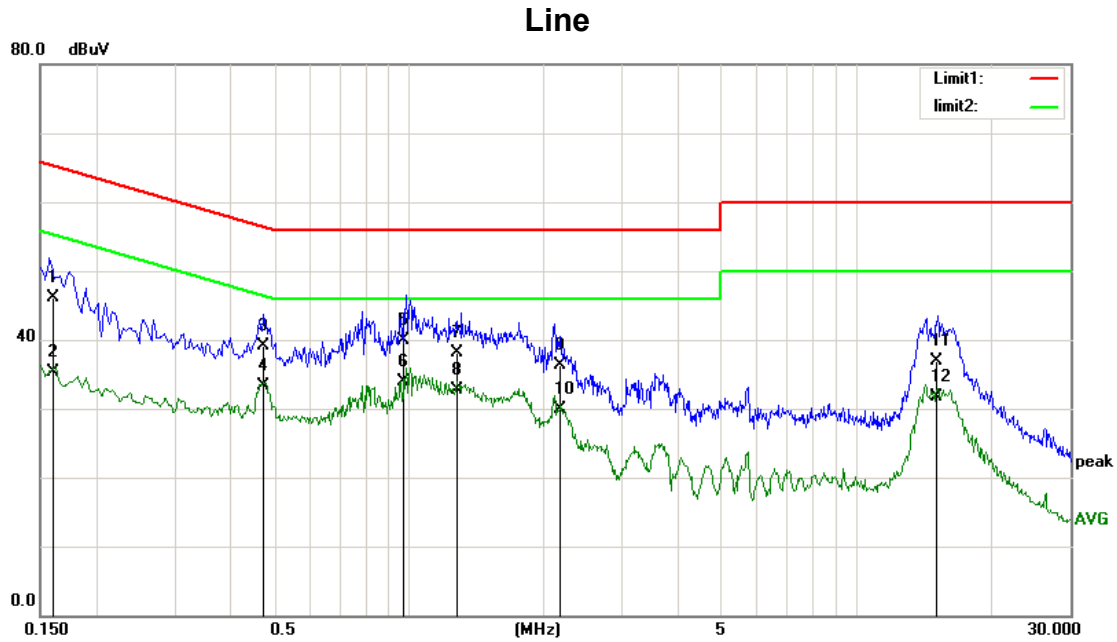
4.5 EUT OPERATION CONDITIONS

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 / CH159 (UNII-3)



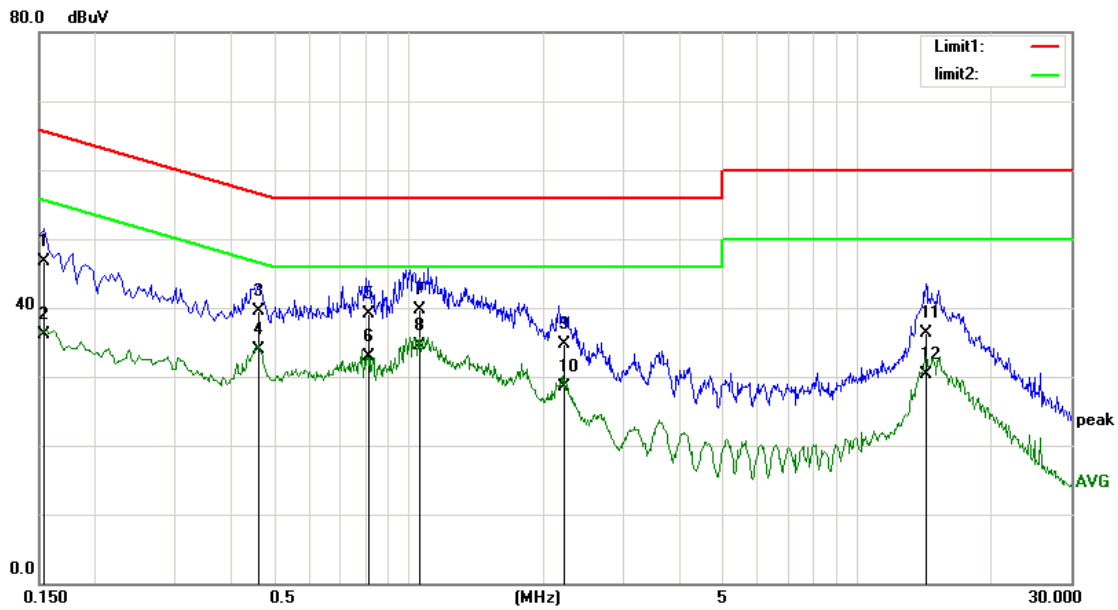
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1616	34.38	11.70	46.08	65.38	-19.30	QP
2	0.1616	23.57	11.70	35.27	55.38	-20.11	AVG
3	0.4746	28.93	10.21	39.14	56.43	-17.29	QP
4	0.4746	23.14	10.21	33.35	46.43	-13.08	AVG
5	0.9804	29.76	10.09	39.85	56.00	-16.15	QP
6	0.9804	23.80	10.09	33.89	46.00	-12.11	AVG
7	1.2770	28.01	10.12	38.13	56.00	-17.87	QP
8	1.2770	22.68	10.12	32.80	46.00	-13.20	AVG
9	2.1815	26.06	10.22	36.28	56.00	-19.72	QP
10	2.1815	19.70	10.22	29.92	46.00	-16.08	AVG
11	15.1248	25.98	11.00	36.98	60.00	-23.02	QP
12	15.1248	20.61	11.00	31.61	50.00	-18.39	AVG

REMARKS:

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

Test Mode: TX N(HT40) Mode / CH159 (UNII-3)

Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1545	34.90	11.77	46.67	65.75	-19.08	QP
2	0.1545	24.30	11.77	36.07	55.75	-19.68	AVG
3	0.4633	29.28	10.23	39.51	56.63	-17.12	QP
4	0.4633	23.66	10.23	33.89	46.63	-12.74	AVG
5	0.8102	28.91	10.10	39.01	56.00	-16.99	QP
6	0.8102	22.79	10.10	32.89	46.00	-13.11	AVG
7	1.0564	29.68	10.09	39.77	56.00	-16.23	QP
8	1.0564	24.39	10.09	34.48	46.00	-11.52	AVG
9	2.2308	24.43	10.23	34.66	56.00	-21.34	QP
10	2.2308	18.29	10.23	28.52	46.00	-17.48	AVG
11	14.2170	25.35	10.96	36.31	60.00	-23.69	QP
12	14.2170	19.44	10.96	30.40	50.00	-19.60	AVG

Remarks:

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

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

5. RADIATED EMISSIONSTEST

5.1LIMIT

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

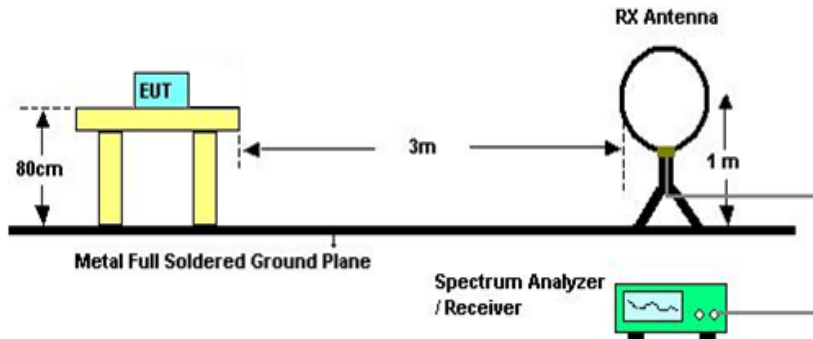
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

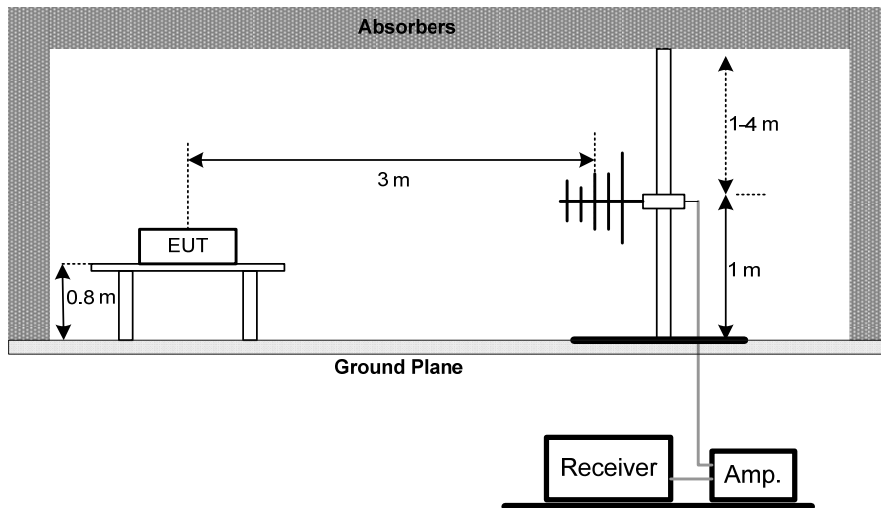
Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	101307	12/12/2021
2	Spectrum Analyzer	Agilent	E4407B	US40240708	11/17/2021
3	Spectrum Analyzer	R&S	FSP	1164.4391.38	06/01/2022
4	Loop antenna	SCHWARZBECK	FMZB1519	1519-062	12/14/2021
5	Broadband antenna	SCHWARZBECK	VULB9168	VULB9168-192	08/06/2021
6	HORN ANTENNA	SCHWARZBECK	BBHA9120D	9120D 1065	04/21/2022
7	DRG Horn Antenna	A.H. Systems	SAS-574	588	06/01/2022
8	Preamplifier Amplifier	HP	8447F	3113A05680	12/11/2021
9	Preamplifier Amplifier	Aeroflex	33711-392-77150-11	97	06/01/2022
10	PRE-AMPLIFIER	CY	EMC011830	980136	12/11/2021
11	RF Cable	R&S	Test Cable 4	4	12/11/2021
12	RF Cable	R&S	Test Cable 5	5	12/11/2021
13	RF Cable	R&S	Test Cable 9	9	04/21/2022
14	RF Cable	R&S	Test Cable 10	10	12/11/2021
15	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

5.4 TEST SETUP

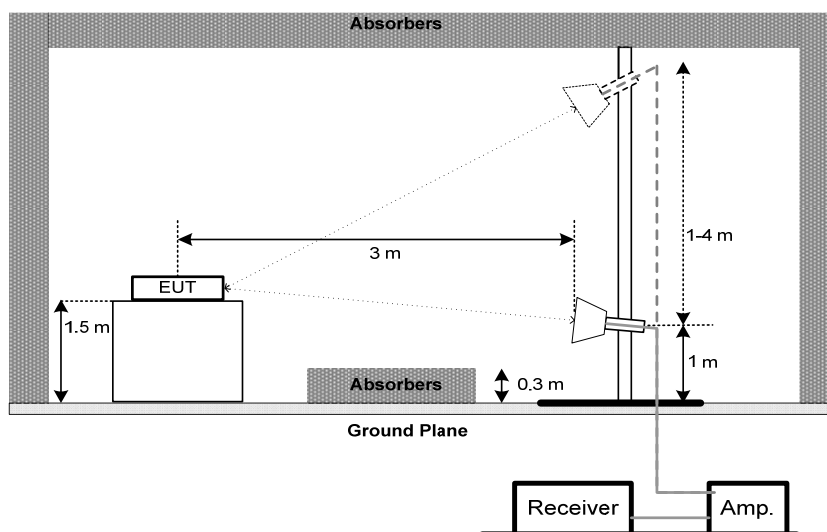
9 kHz to 30 MHz



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 / CH159 (UNII-3)
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Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

Note:

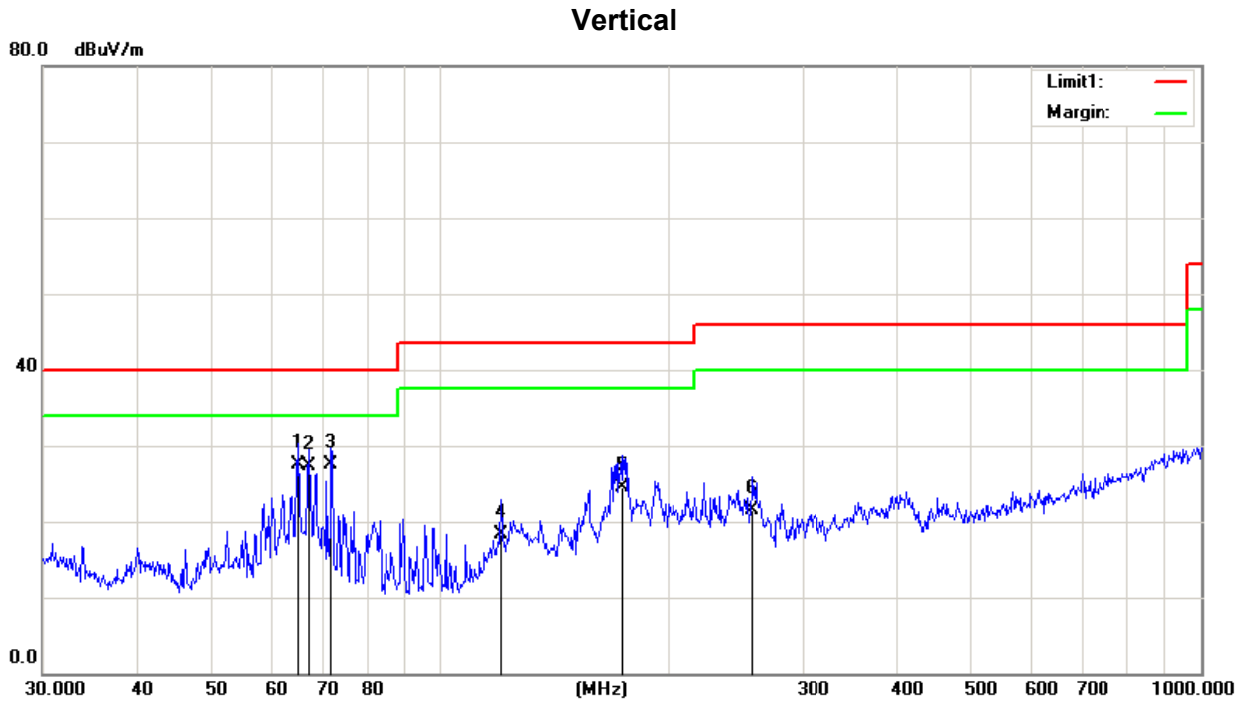
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $20 \log(\text{specific distance/test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor

5.7 TEST RESULTS - 30 MHz TO 1000 MHz

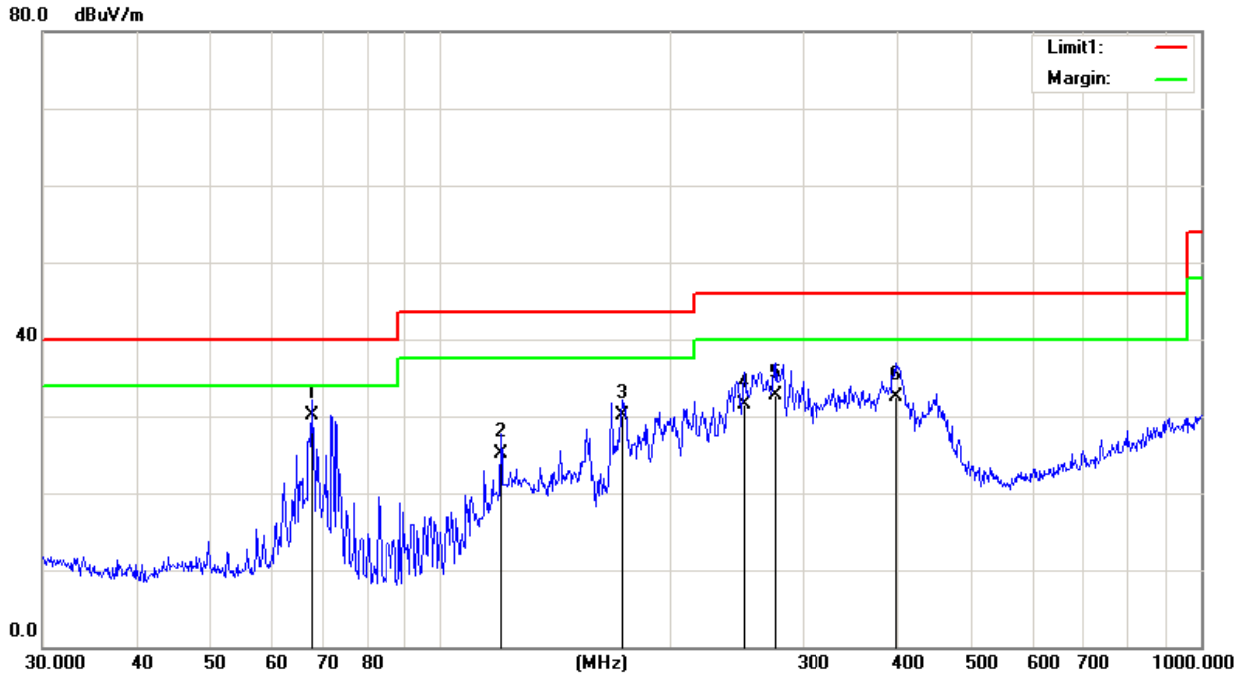
Test Mode: TX N(HT40) Mode / CH159 (UNII-3)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	65.1145	39.93	-12.46	27.47	40.00	-12.53	QP
2	67.2022	40.83	-13.47	27.36	40.00	-12.64	QP
3	71.8320	42.25	-14.78	27.47	40.00	-12.53	QP
4	119.8556	31.14	-12.89	18.25	43.50	-25.25	QP
5	173.2051	35.48	-10.97	24.51	43.50	-18.99	QP
6	257.4222	28.40	-6.99	21.41	46.00	-24.59	QP

Test Mode: TX N(HT40) Mode / CH159 (UNII-3)

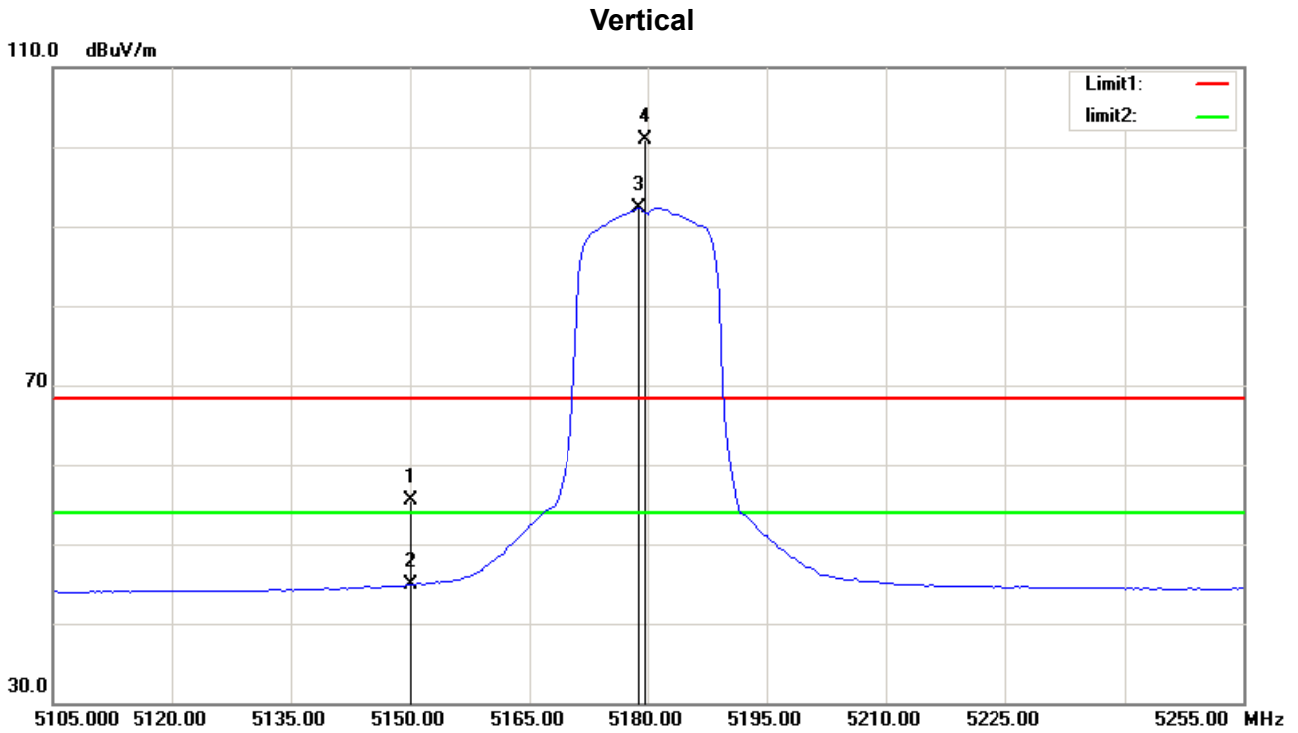
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	67.6751	45.66	-15.63	30.03	40.00	-9.97	QP
2	119.8556	39.05	-13.89	25.16	43.50	-18.34	QP
3	173.2051	39.74	-9.69	30.05	43.50	-13.45	QP
4	251.1804	37.48	-6.04	31.44	46.00	-14.56	QP
5	276.1235	37.84	-5.22	32.62	46.00	-13.38	QP
6	396.2415	39.95	-7.54	32.41	46.00	-13.59	QP

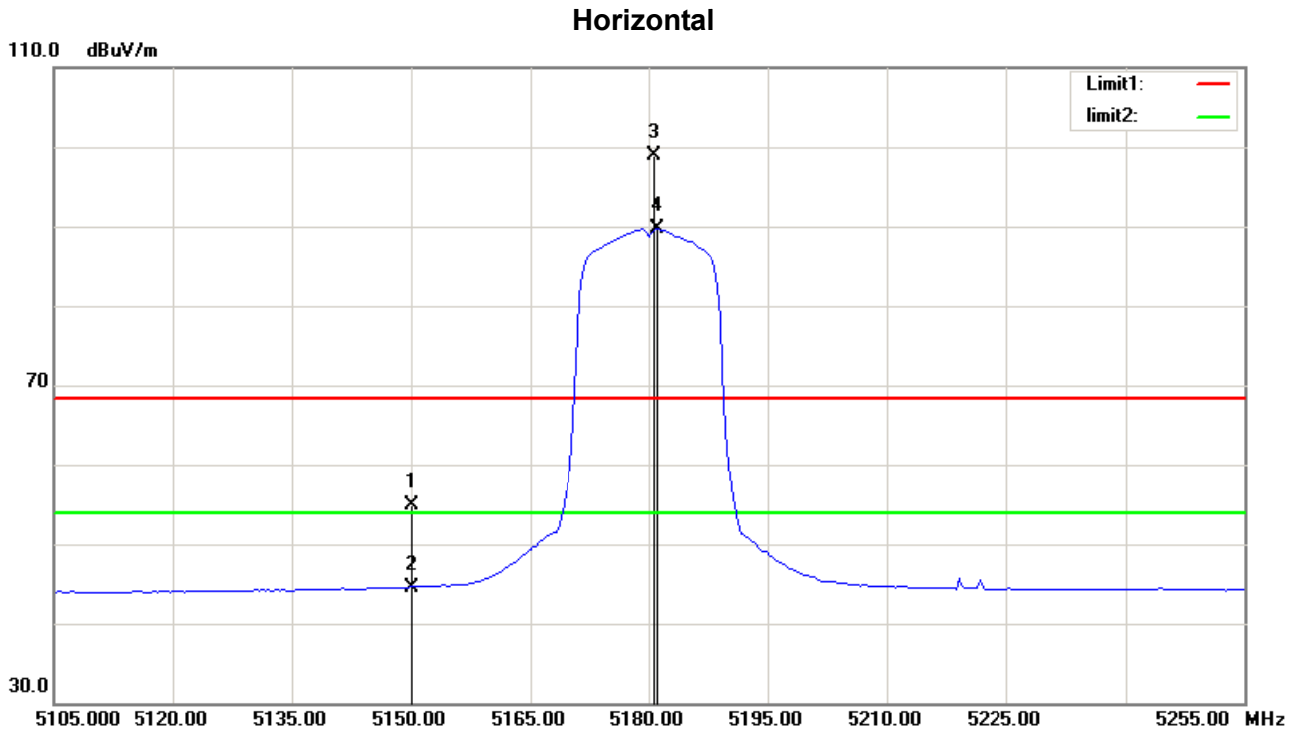
5.8 TEST RESULTS - ABOVE 1000 MHz (BAND EDGE)

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



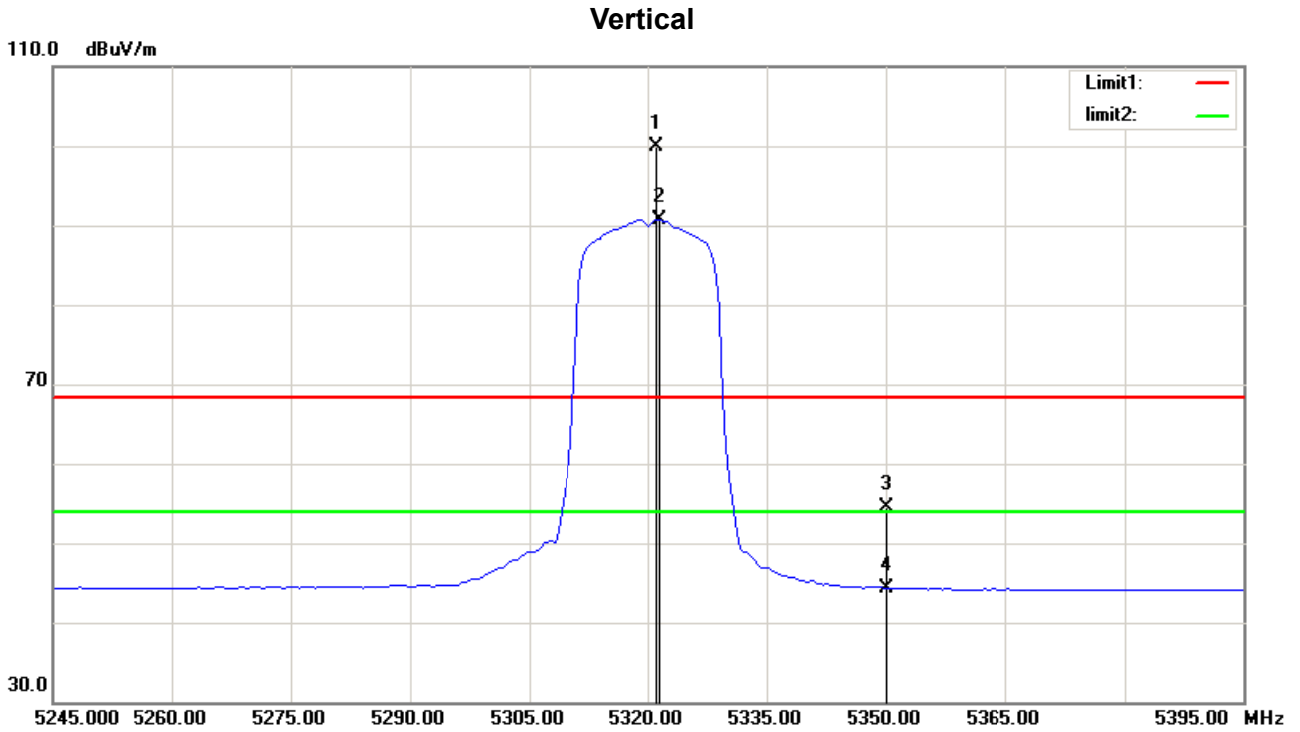
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.62	34.94	55.56	68.30	-12.74	peak
2	5150.000	9.90	34.94	44.84	54.00	-9.16	AVG
3	5178.875	57.29	35.02	92.31	/	/	AVG
4	5179.625	65.86	35.02	100.88	/	/	peak

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.04	34.94	54.98	68.30	-13.32	peak
2	5150.000	9.66	34.94	44.60	54.00	-9.40	AVG
3	5180.750	63.91	35.02	98.93	/	/	peak
4	5181.125	54.68	35.02	89.70	/	/	AVG

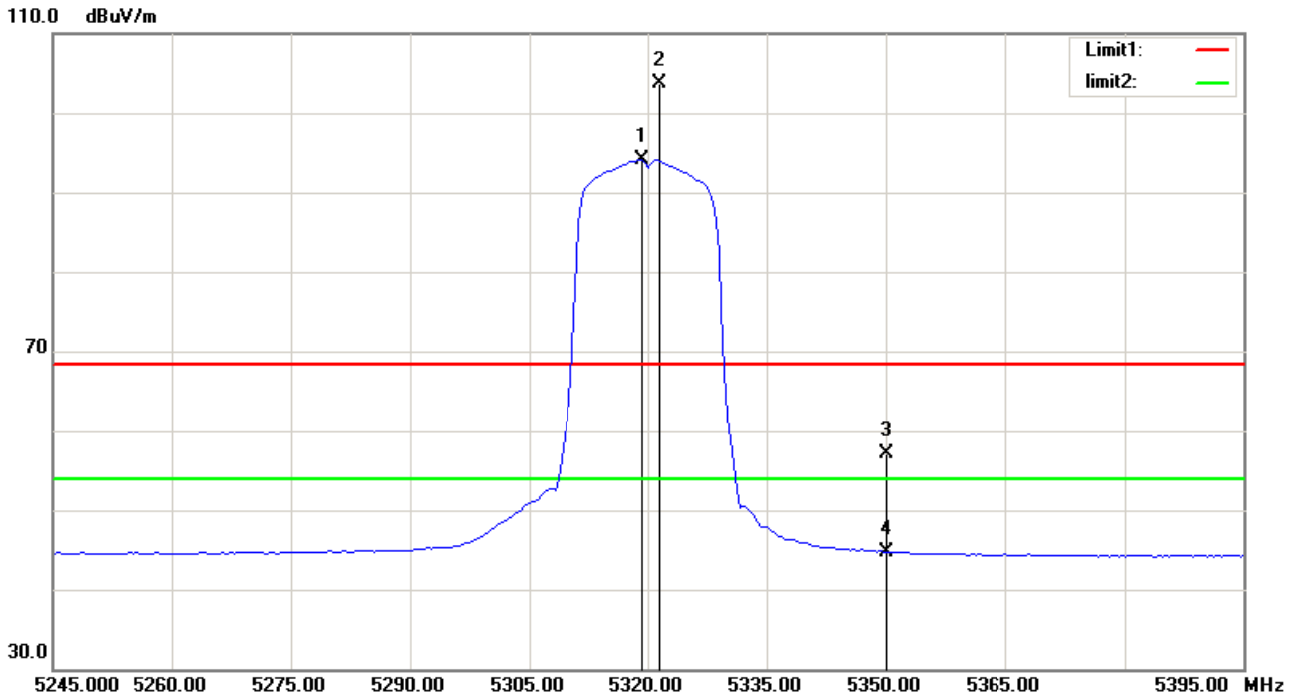
Orthogonal Axis	X
Test Mode	UNII-2A_TX A Mode 5320 MHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.125	64.40	35.42	99.82	/	/	peak
2	5321.500	55.35	35.42	90.77	/	/	AVG
3	5350.000	18.96	35.50	54.46	68.30	-13.84	peak
4	5350.000	8.84	35.50	44.34	54.00	-9.66	AVG

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

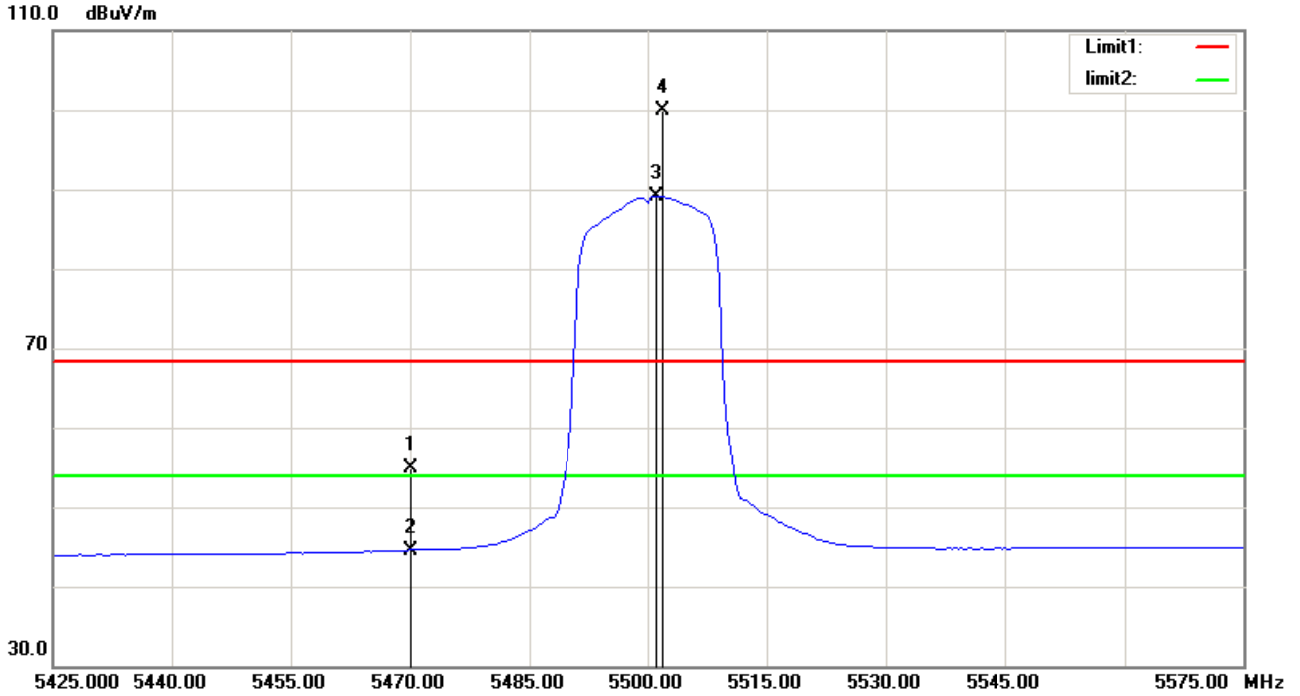
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5319.250	58.61	35.42	94.03	/	/	AVG
2	5321.500	68.23	35.42	103.65	/	/	peak
3	5350.000	21.53	35.50	57.03	68.30	-11.27	peak
4	5350.000	9.30	35.50	44.80	54.00	-9.20	AVG

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

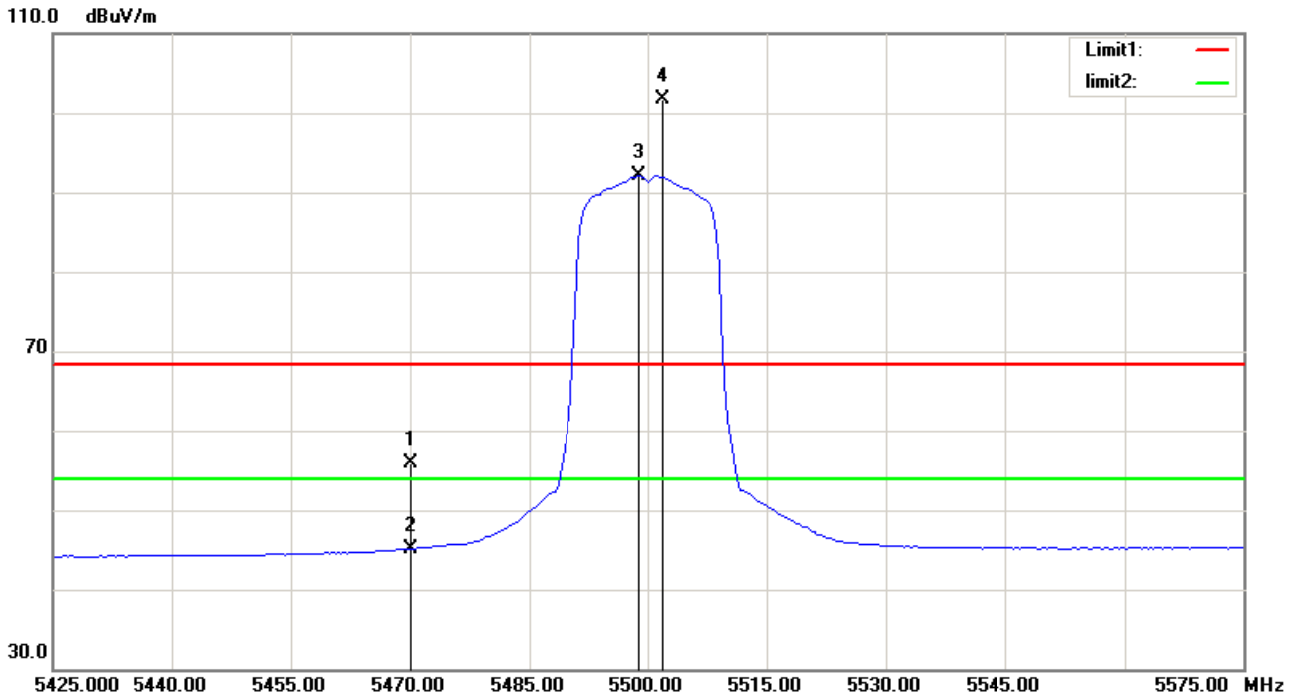
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	19.00	35.84	54.84	68.30	-13.46	peak
2	5470.000	8.76	35.84	44.60	54.00	-9.40	AVG
3	5501.125	53.24	35.93	89.17	/	/	AVG
4	5501.875	63.88	35.93	99.81	/	/	peak

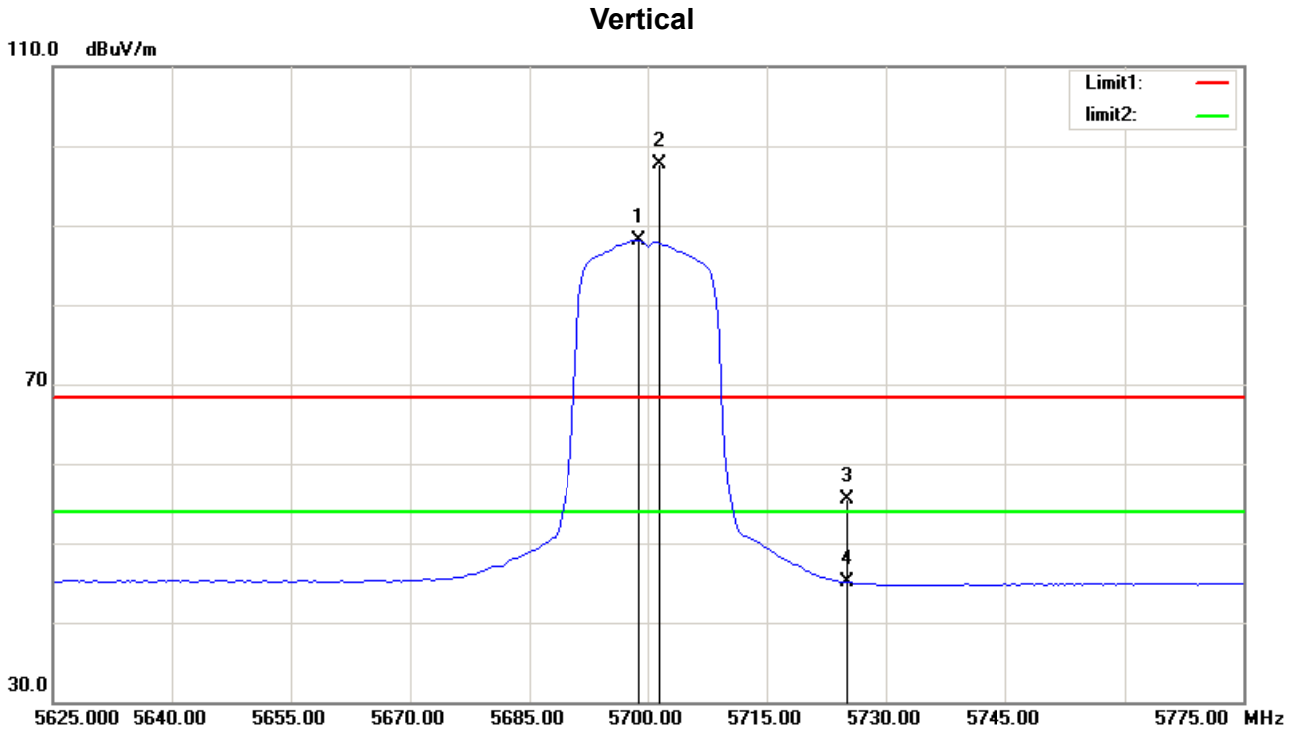
Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5500 MHz

Horizontal



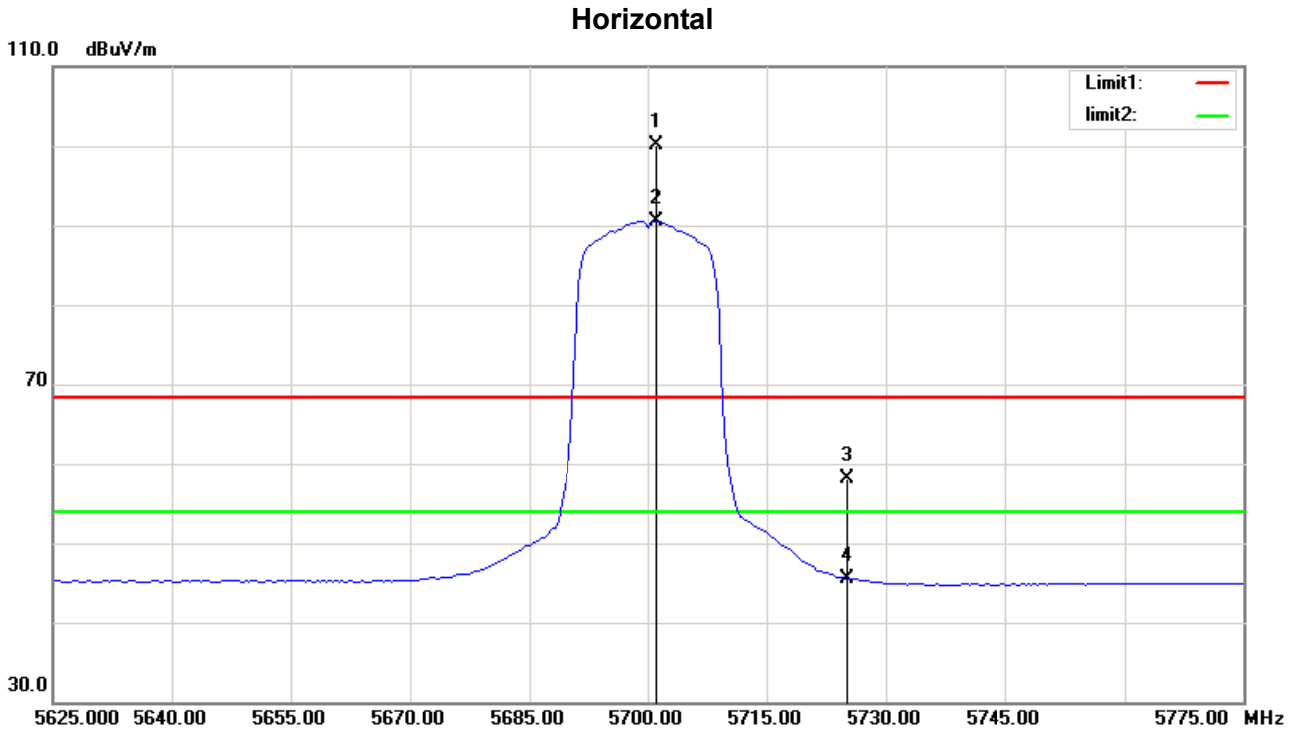
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	20.16	35.84	56.00	68.30	-12.30	peak
2	5470.000	9.25	35.84	45.09	54.00	-8.91	AVG
3	5498.875	56.17	35.92	92.09	/	/	AVG
4	5501.875	65.85	35.93	101.78	/	/	peak

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.875	52.23	35.85	88.08	/	/	AVG
2	5701.500	61.80	35.85	97.65	/	/	peak
3	5725.000	19.68	35.84	55.52	68.30	-12.78	peak
4	5725.000	9.17	35.84	45.01	54.00	-8.99	AVG

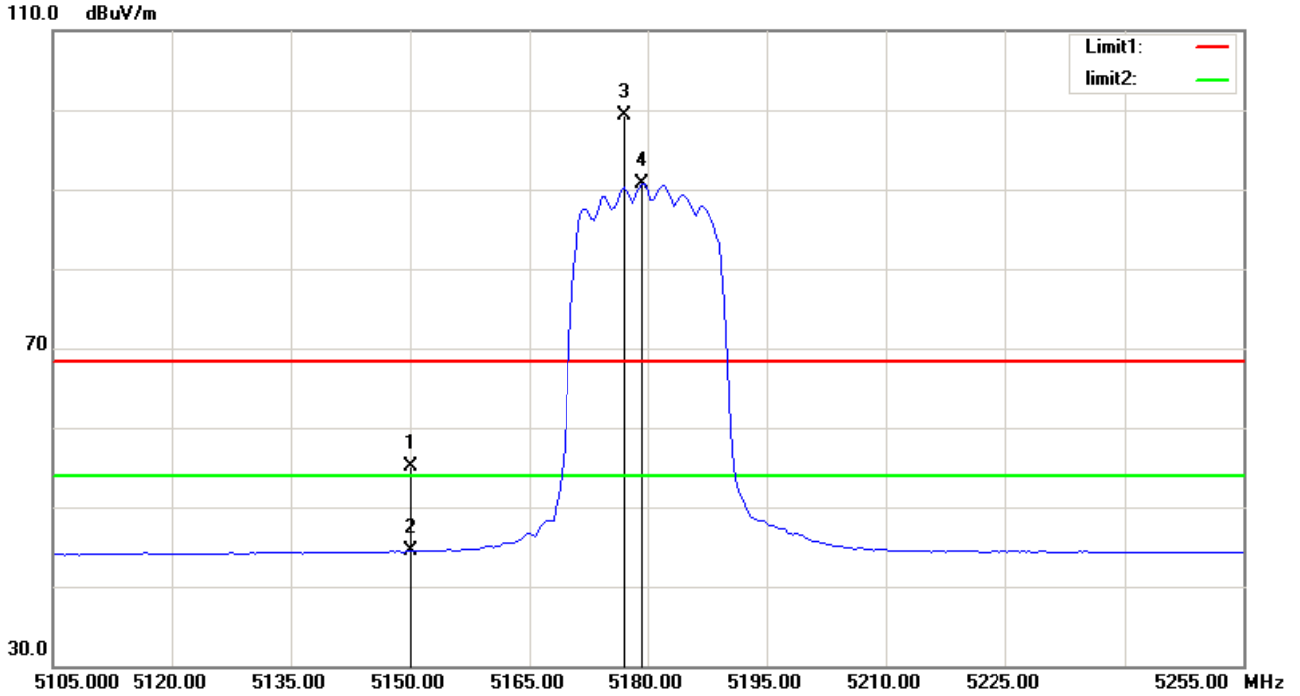
Orthogonal Axis	X
Test Mode	UNII-1_TX A Mode 5700 MHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5701.125	64.18	35.85	100.03	/	/	peak
2	5701.125	54.71	35.85	90.56	/	/	AVG
3	5725.000	22.19	35.84	58.03	68.30	-10.27	peak
4	5725.000	9.62	35.84	45.46	54.00	-8.54	AVG

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

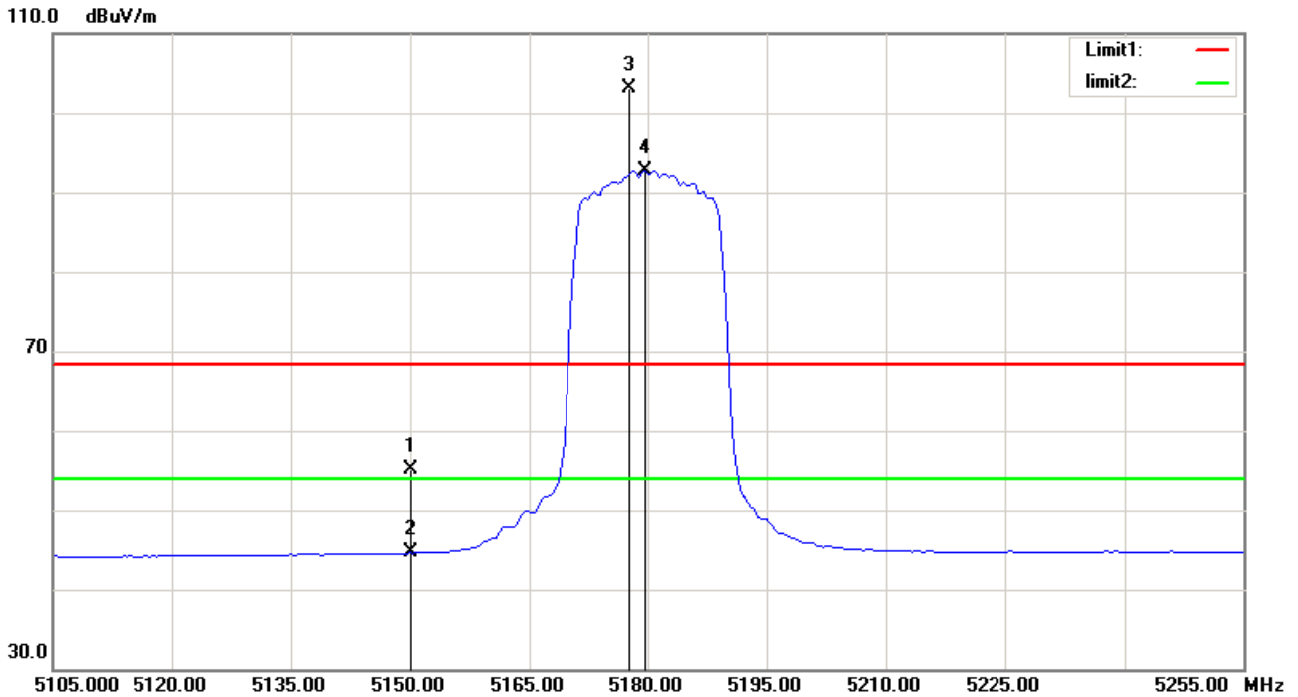
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.23	34.94	55.17	68.30	-13.13	peak
2	5150.000	9.50	34.94	44.44	54.00	-9.56	AVG
3	5177.000	64.38	35.01	99.39	/	/	peak
4	5179.250	55.68	35.02	90.70	/	/	AVG

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

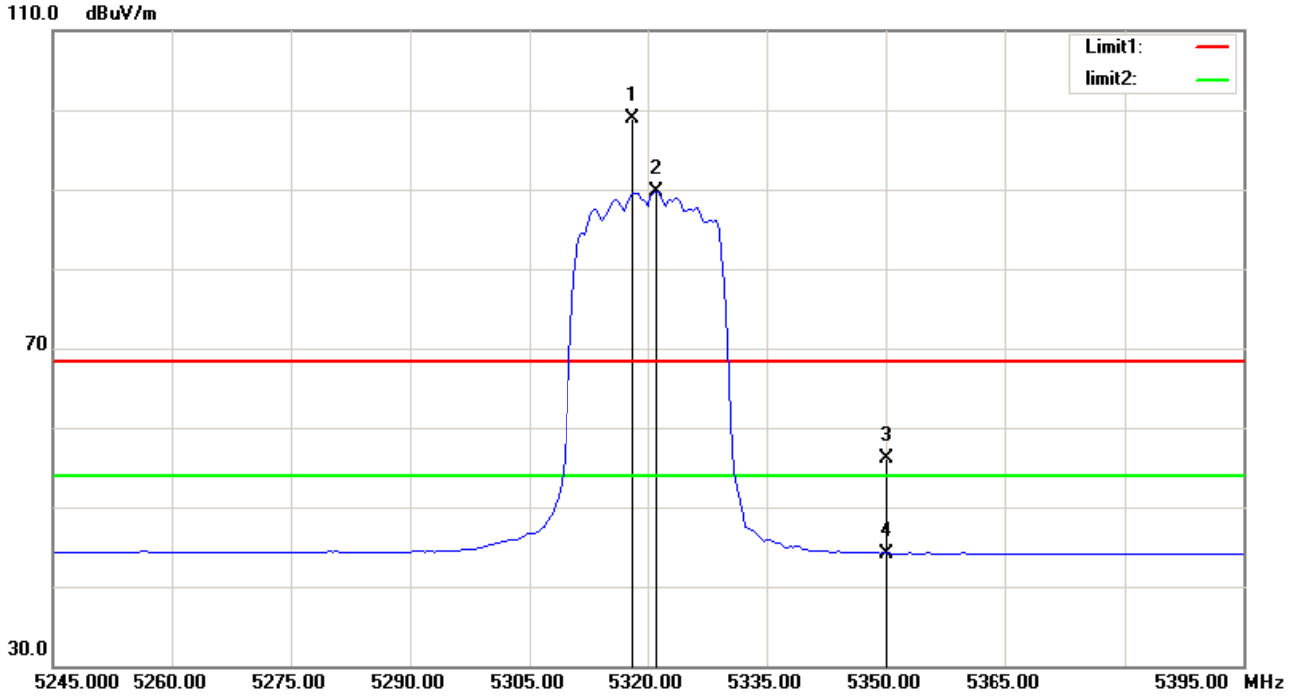
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.08	34.94	55.02	68.30	-13.28	peak
2	5150.000	9.69	34.94	44.63	54.00	-9.37	AVG
3	5177.750	68.04	35.02	103.06	/	/	peak
4	5179.625	57.72	35.02	92.74	/	/	AVG

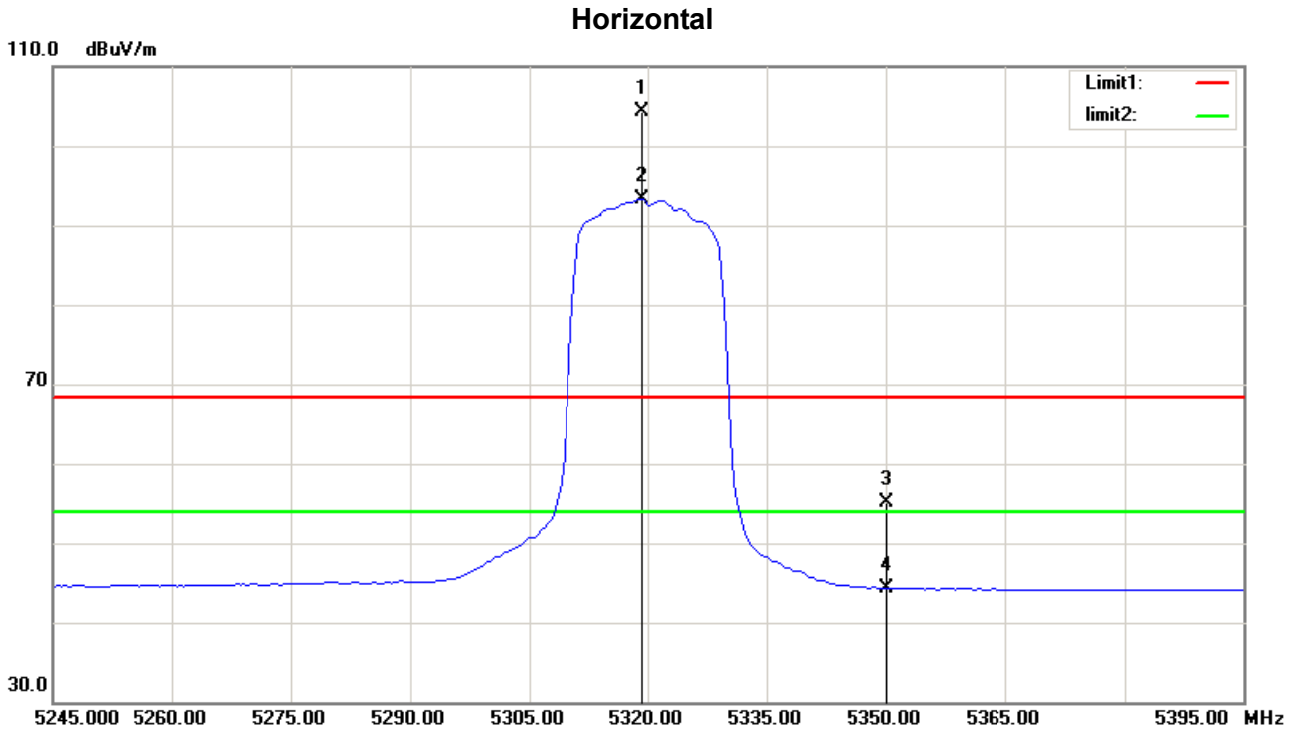
Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5320 MHz

Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.125	63.50	35.41	98.91	/	/	peak
2	5321.125	54.36	35.42	89.78	/	/	AVG
3	5350.000	20.70	35.50	56.20	68.30	-12.10	peak
4	5350.000	8.69	35.50	44.19	54.00	-9.81	AVG

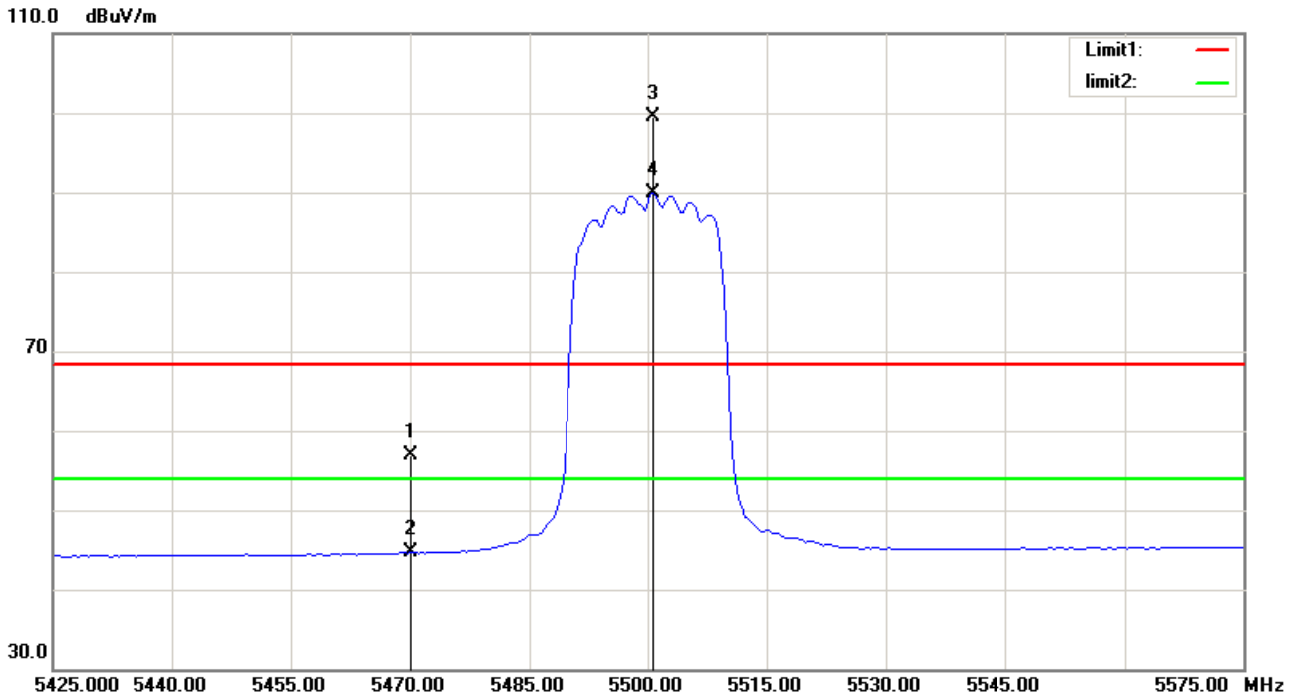
Orthogonal Axis	X
Test Mode	UNII-2A_TX N (HT20) Mode 5320 MHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5319.250	68.85	35.42	104.27	/	/	peak
2	5319.250	57.89	35.42	93.31	/	/	AVG
3	5350.000	19.69	35.50	55.19	68.30	-13.11	peak
4	5350.000	8.84	35.50	44.34	54.00	-9.66	AVG

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

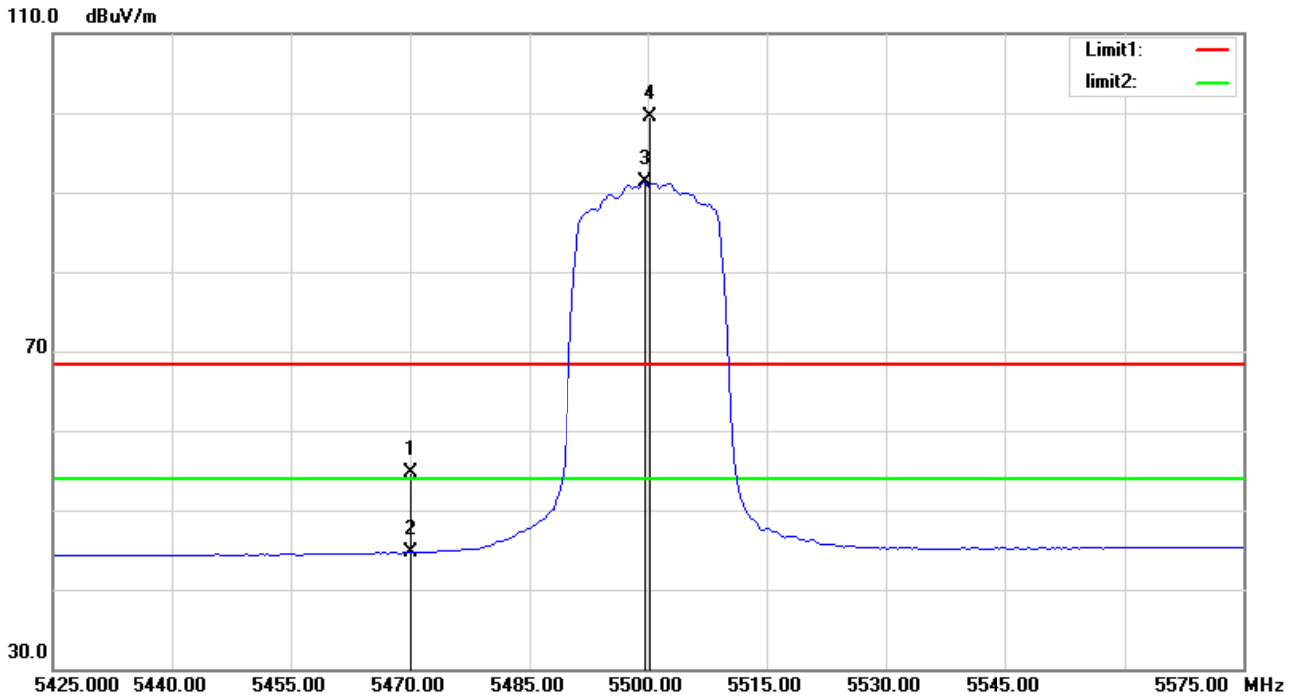
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	21.00	35.84	56.84	68.30	-11.46	peak
2	5470.000	8.78	35.84	44.62	54.00	-9.38	AVG
3	5500.750	63.66	35.93	99.59	/	/	peak
4	5500.750	53.93	35.93	89.86	/	/	AVG

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

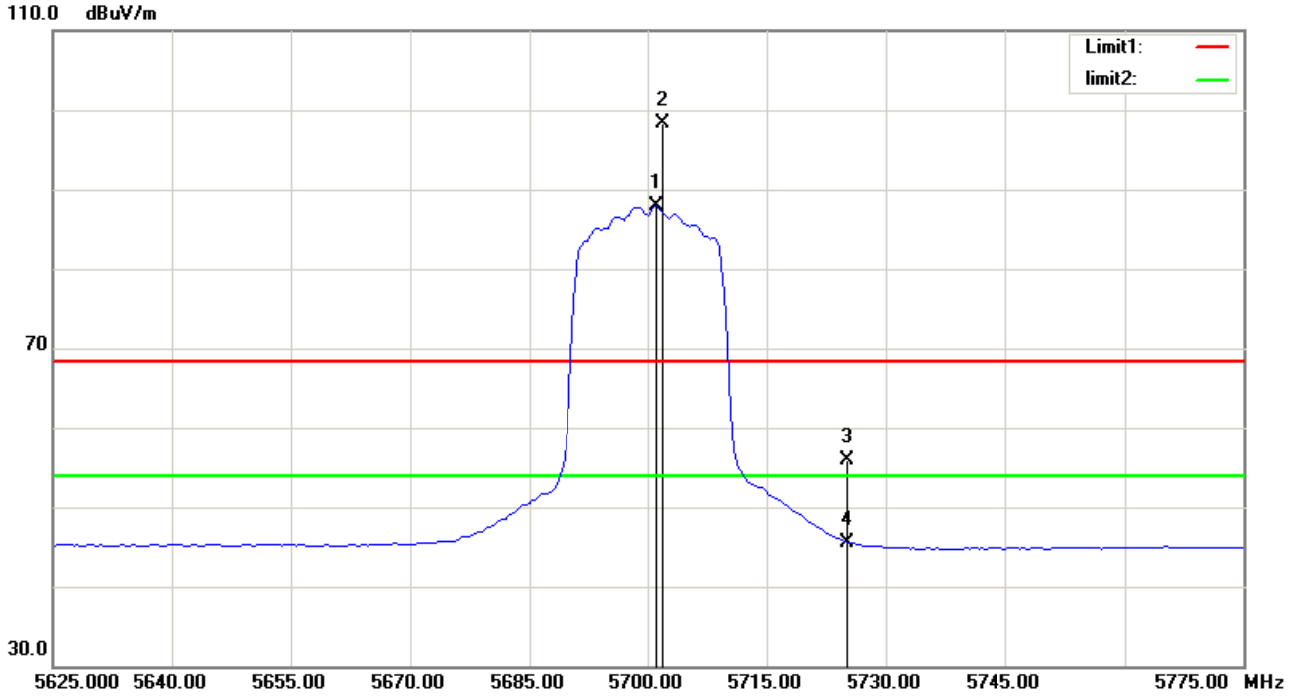
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	18.84	35.84	54.68	68.30	-13.62	peak
2	5470.000	8.79	35.84	44.63	54.00	-9.37	AVG
3	5499.625	55.36	35.92	91.28	/	/	AVG
4	5500.375	63.53	35.93	99.46	/	/	peak

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

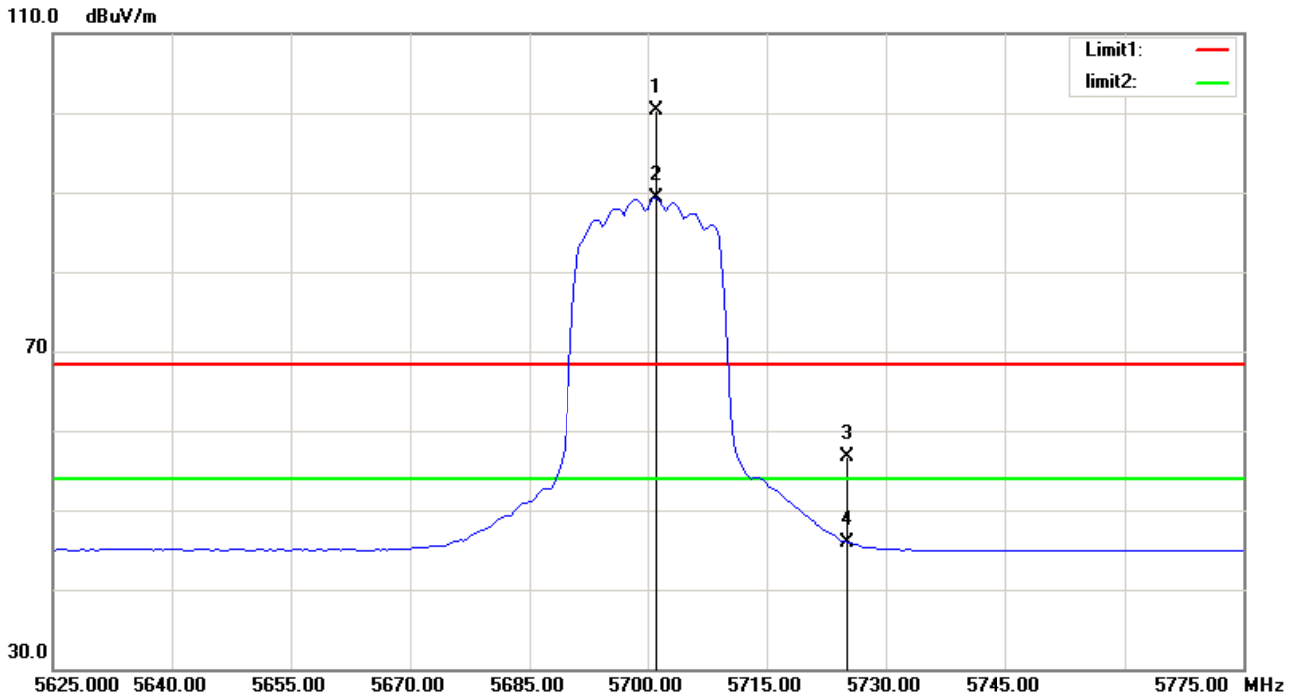
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5701.125	51.99	35.85	87.84	/	/	AVG
2	5701.875	62.40	35.85	98.25	/	/	peak
3	5725.000	20.01	35.84	55.85	68.30	-12.45	peak
4	5725.000	9.70	35.84	45.54	54.00	-8.46	AVG

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

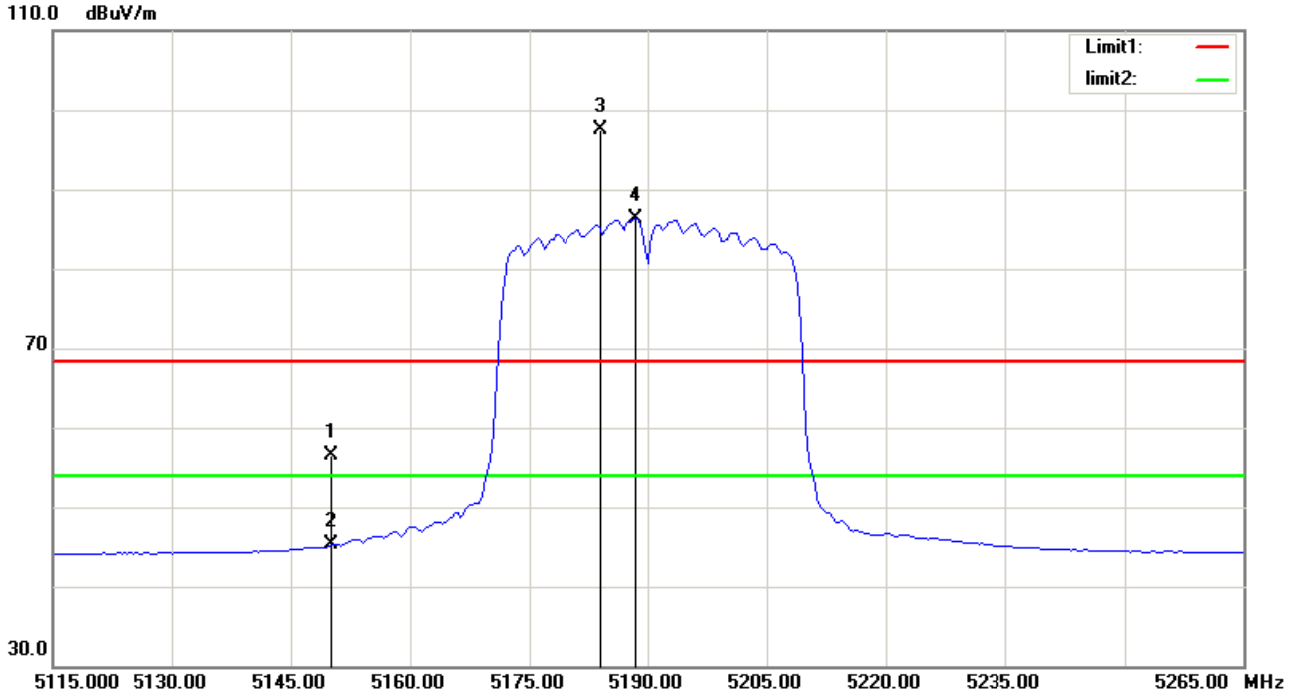
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5701.125	64.48	35.85	100.33	/	/	peak
2	5701.125	53.51	35.85	89.36	/	/	AVG
3	5725.000	20.85	35.84	56.69	68.30	-11.61	peak
4	5725.000	10.08	35.84	45.92	54.00	-8.08	AVG

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

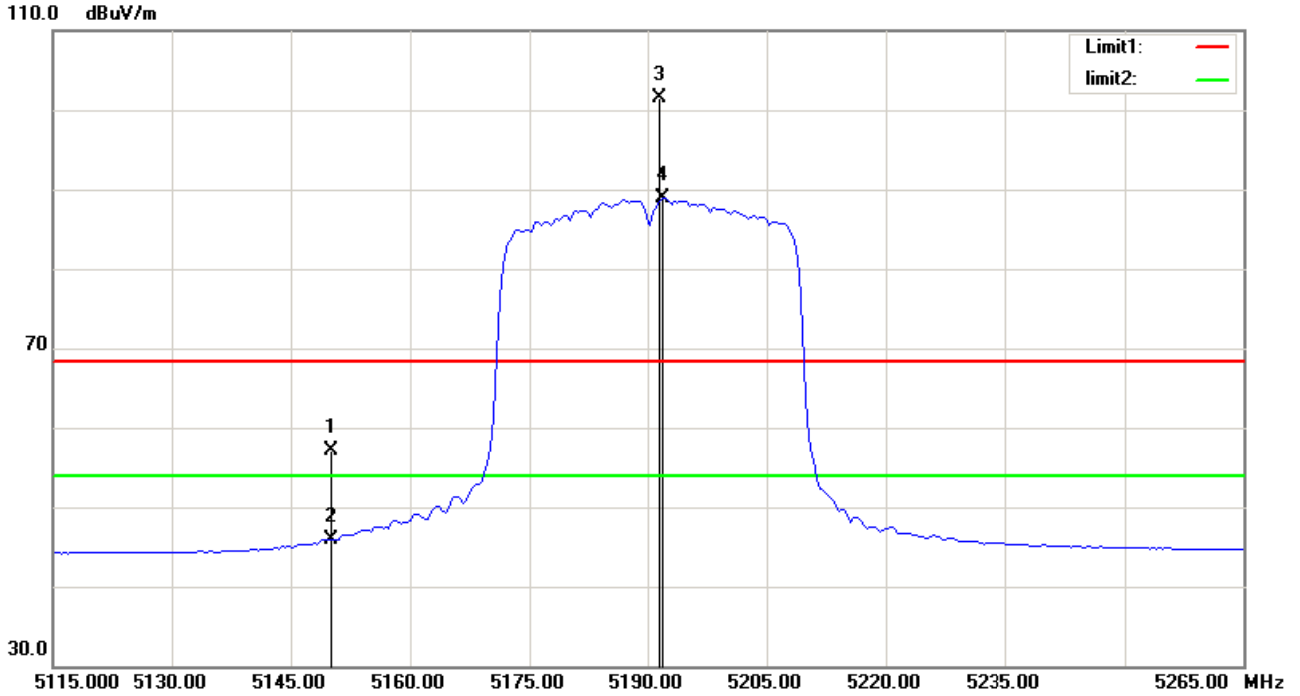
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.47	34.94	56.41	68.30	-11.89	peak
2	5150.000	10.29	34.94	45.23	54.00	-8.77	AVG
3	5184.000	62.47	35.04	97.51	/	/	peak
4	5188.500	51.20	35.05	86.25	/	/	AVG

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

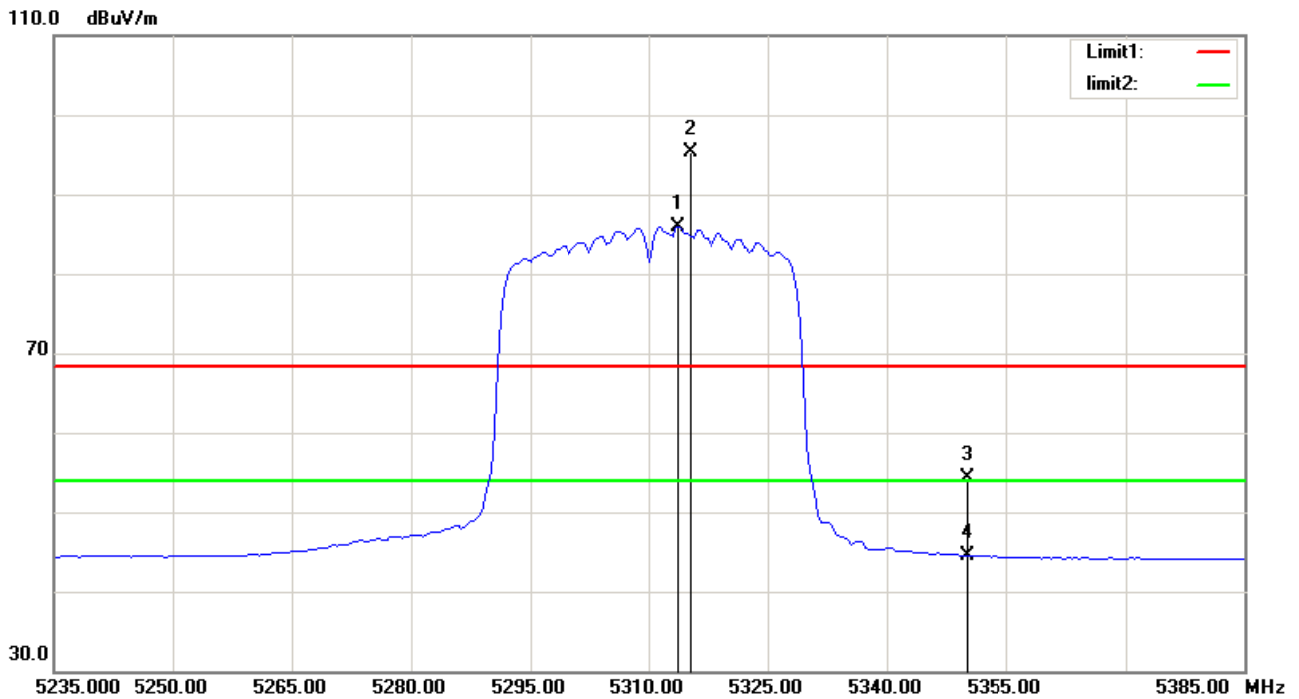
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	22.09	34.94	57.03	68.30	-11.27	peak
2	5150.000	10.93	34.94	45.87	54.00	-8.13	AVG
3	5191.500	66.36	35.06	101.42	/	/	peak
4	5191.875	53.82	35.06	88.88	/	/	AVG

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

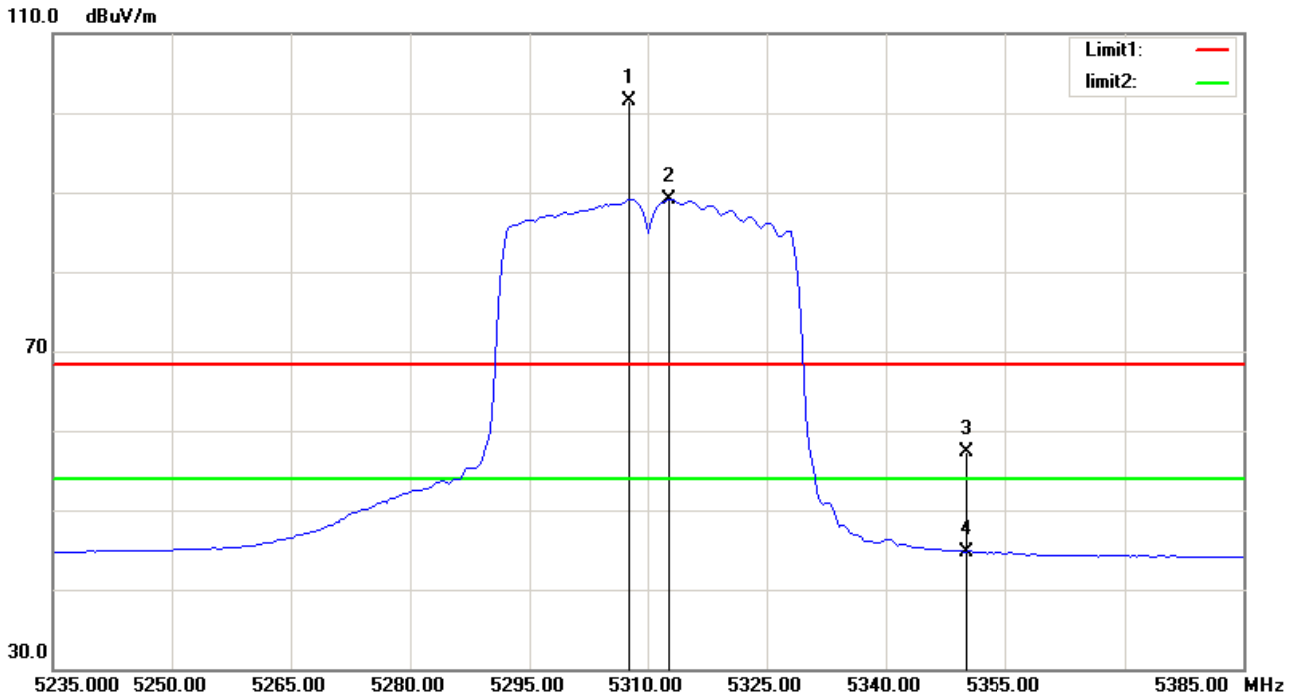
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5313.750	50.51	35.40	85.91	/	/	AVG
2	5315.250	59.82	35.41	95.23	/	/	peak
3	5350.000	18.87	35.50	54.37	68.30	-13.93	peak
4	5350.000	8.99	35.50	44.49	54.00	-9.51	AVG

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

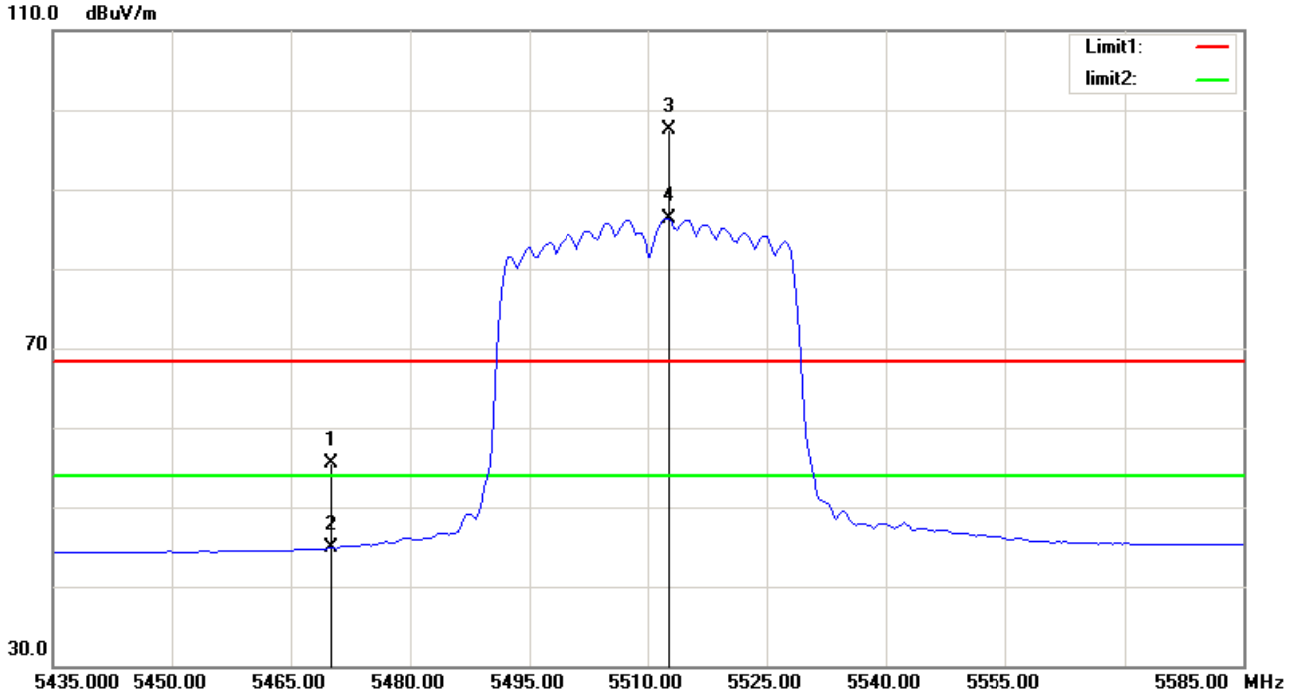
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5307.750	66.13	35.39	101.52	/	/	peak
2	5312.625	53.79	35.40	89.19	/	/	AVG
3	5350.000	21.82	35.50	57.32	68.30	-10.98	peak
4	5350.000	9.29	35.50	44.79	54.00	-9.21	AVG

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

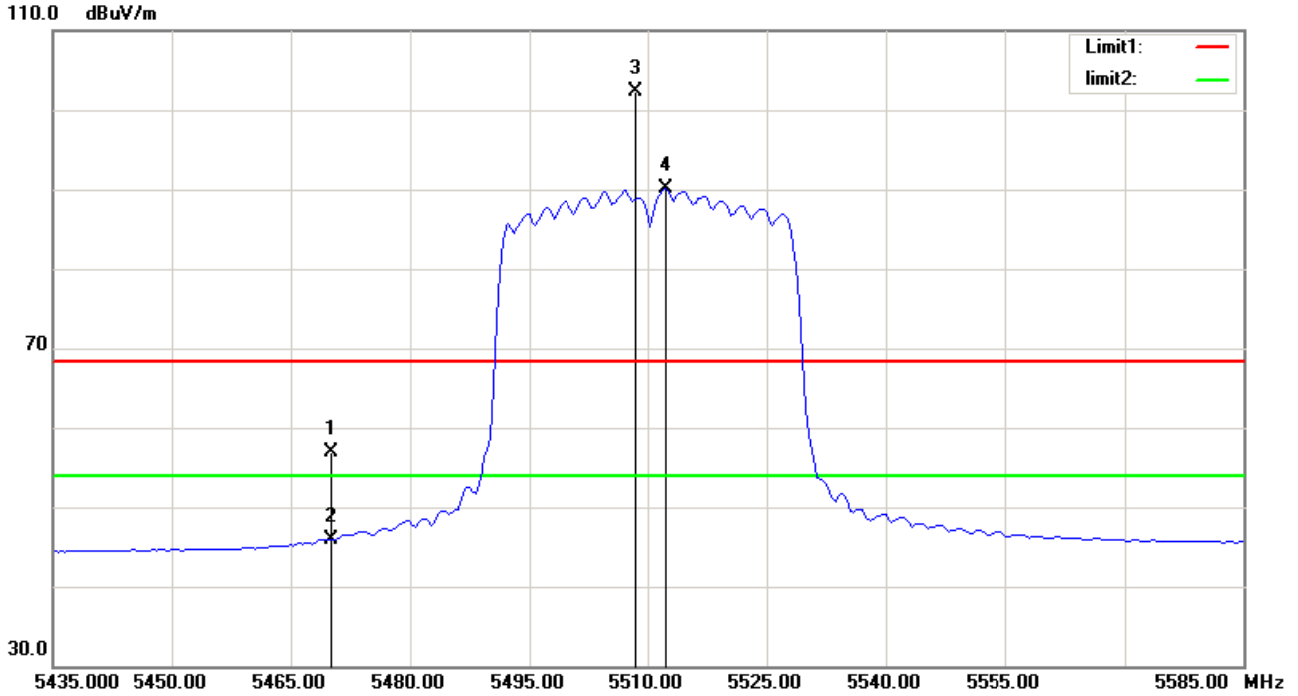
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	19.74	35.84	55.58	68.30	-12.72	peak
2	5470.000	8.98	35.84	44.82	54.00	-9.18	AVG
3	5512.625	61.62	35.92	97.54	/	/	peak
4	5512.625	50.46	35.92	86.38	/	/	AVG

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

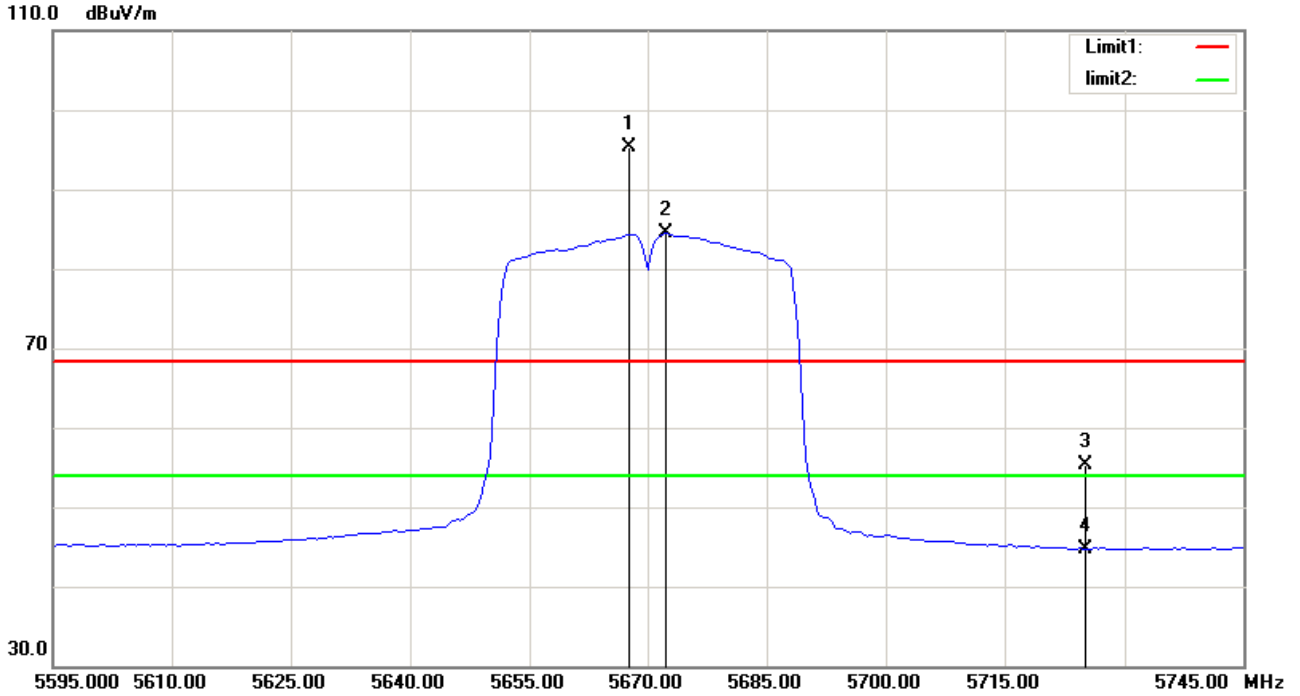
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	21.01	35.84	56.85	68.30	-11.45	peak
2	5470.000	9.99	35.84	45.83	54.00	-8.17	AVG
3	5508.500	66.29	35.92	102.21	/	/	peak
4	5512.250	54.18	35.92	90.10	/	/	AVG

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

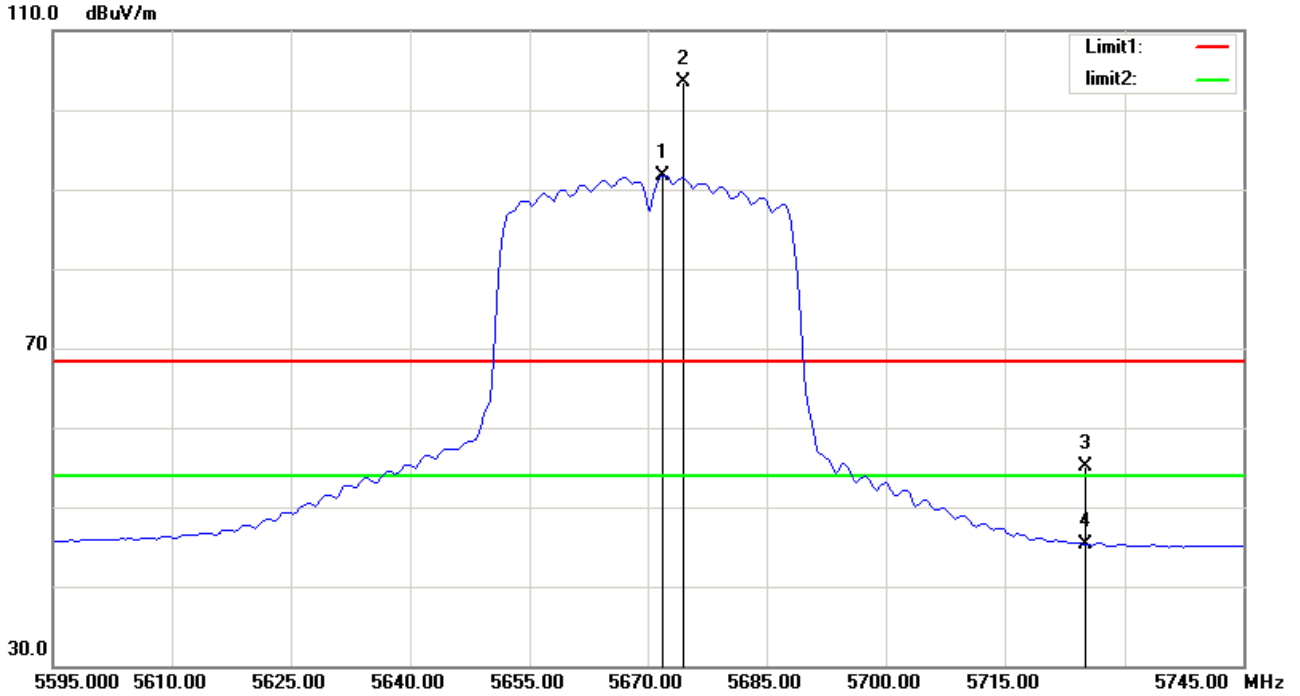
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5667.750	59.35	35.86	95.21	/	/	peak
2	5672.250	48.60	35.86	84.46	/	/	AVG
3	5725.000	19.55	35.84	55.39	68.30	-12.91	peak
4	5725.000	8.94	35.84	44.78	54.00	-9.22	AVG

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

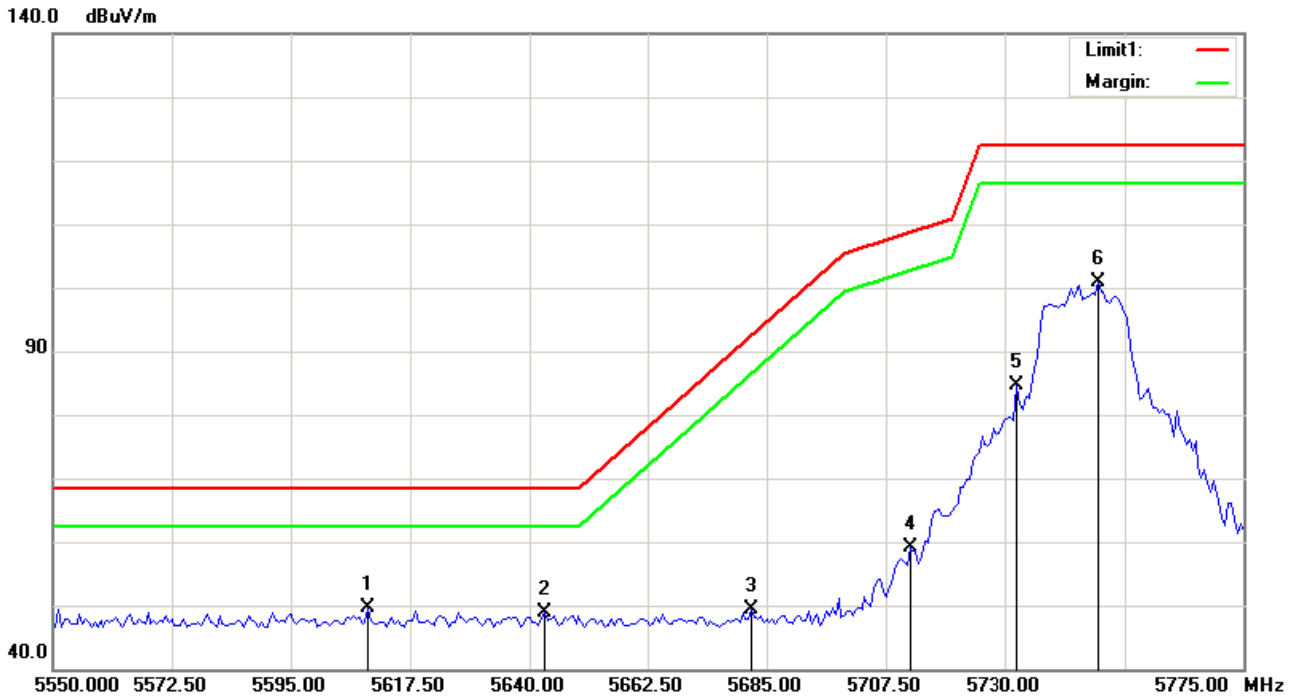
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5671.875	55.81	35.86	91.67	/	/	AVG
2	5674.500	67.74	35.86	103.60	/	/	peak
3	5725.000	19.23	35.84	55.07	68.30	-13.23	peak
4	5725.000	9.43	35.84	45.27	54.00	-8.73	AVG

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

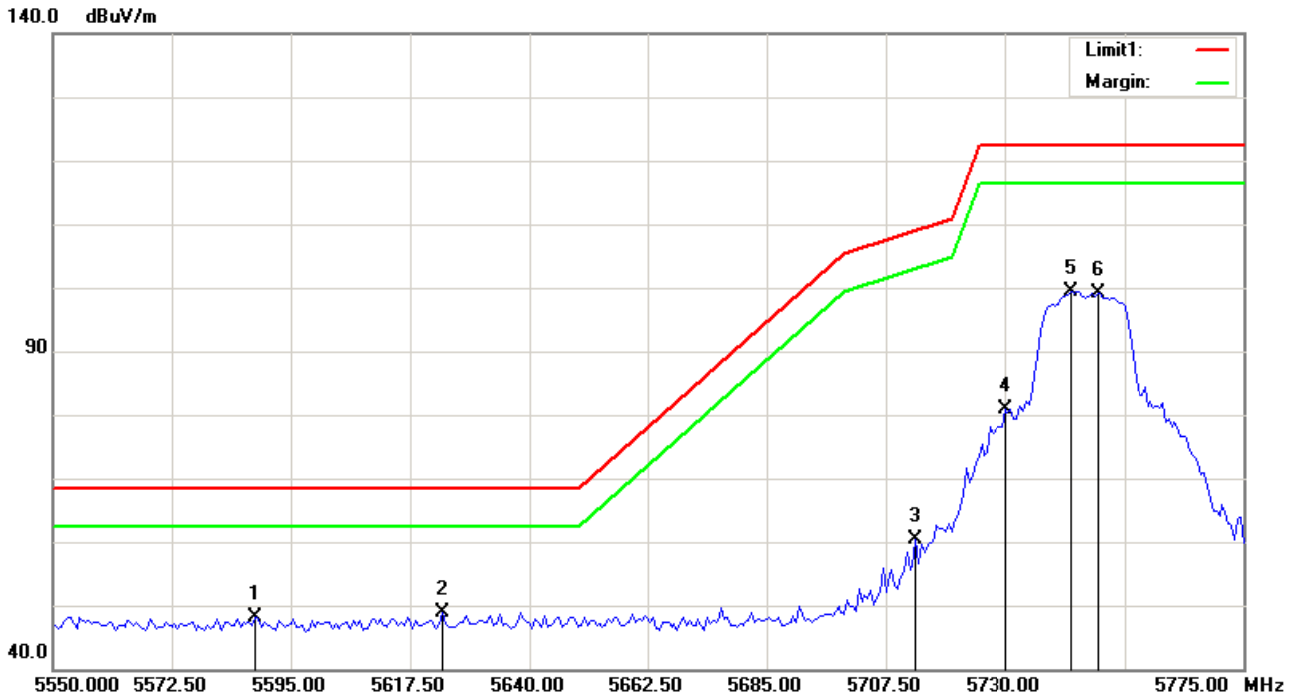
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5609.625	53.93	-4.40	49.53	68.30	-18.77	peak
2	5642.813	53.32	-4.34	48.98	68.30	-19.32	peak
3	5682.188	53.77	-4.29	49.48	92.12	-42.64	peak
4	5712.000	63.32	-4.24	59.08	108.66	-49.58	peak
5	5732.250	88.73	-4.21	84.52	122.30	-37.78	peak
6	5747.438	104.99	-4.18	100.81	122.30	-21.49	peak

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

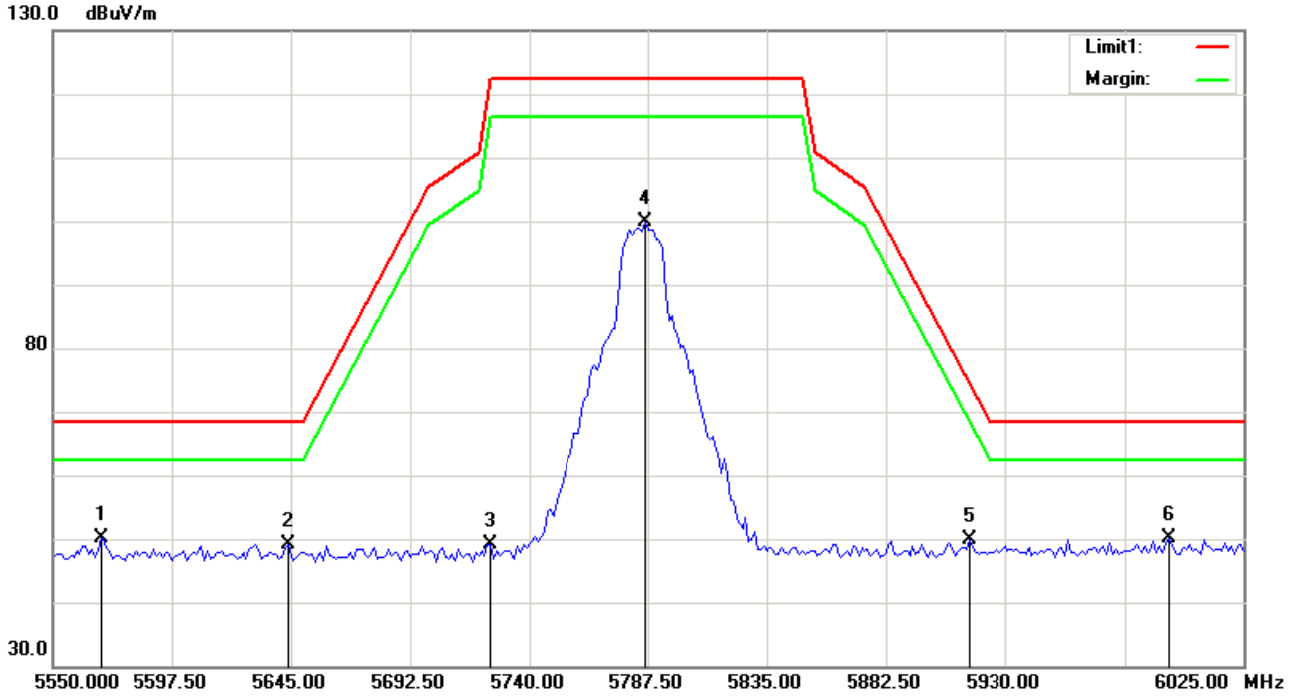
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5588.250	52.58	-4.43	48.15	68.30	-20.15	peak
2	5623.688	53.14	-4.37	48.77	68.30	-19.53	peak
3	5713.125	64.59	-4.23	60.36	108.97	-48.61	peak
4	5730.000	85.14	-4.20	80.94	122.30	-41.36	peak
5	5742.375	103.54	-4.19	99.35	122.30	-22.95	peak
6	5747.438	103.35	-4.18	99.17	122.30	-23.13	peak

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

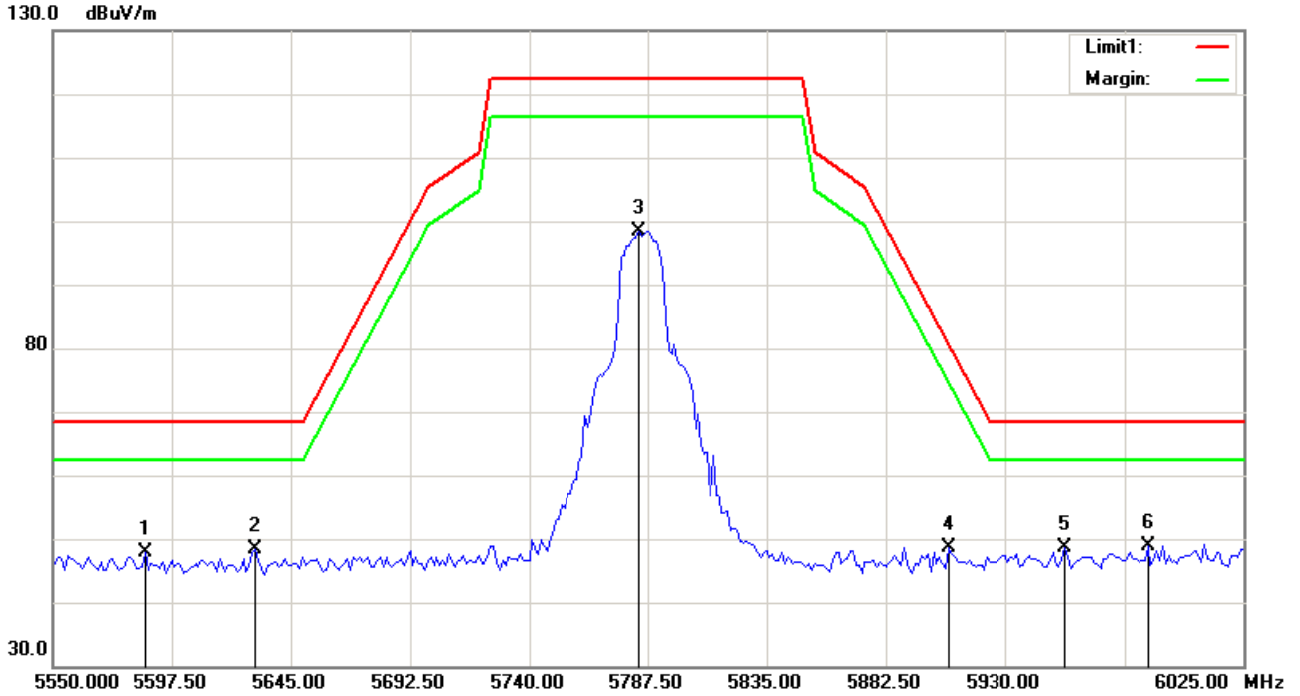
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5569.000	54.69	-4.47	50.22	68.30	-18.08	peak
2	5643.813	53.39	-4.35	49.04	68.30	-19.26	peak
3	5724.563	53.38	-4.21	49.17	121.30	-72.13	peak
4	5786.313	103.97	-4.12	99.85	122.30	-22.45	peak
5	5915.750	53.79	-3.90	49.89	75.14	-25.25	peak
6	5995.313	53.87	-3.78	50.09	68.30	-18.21	peak

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

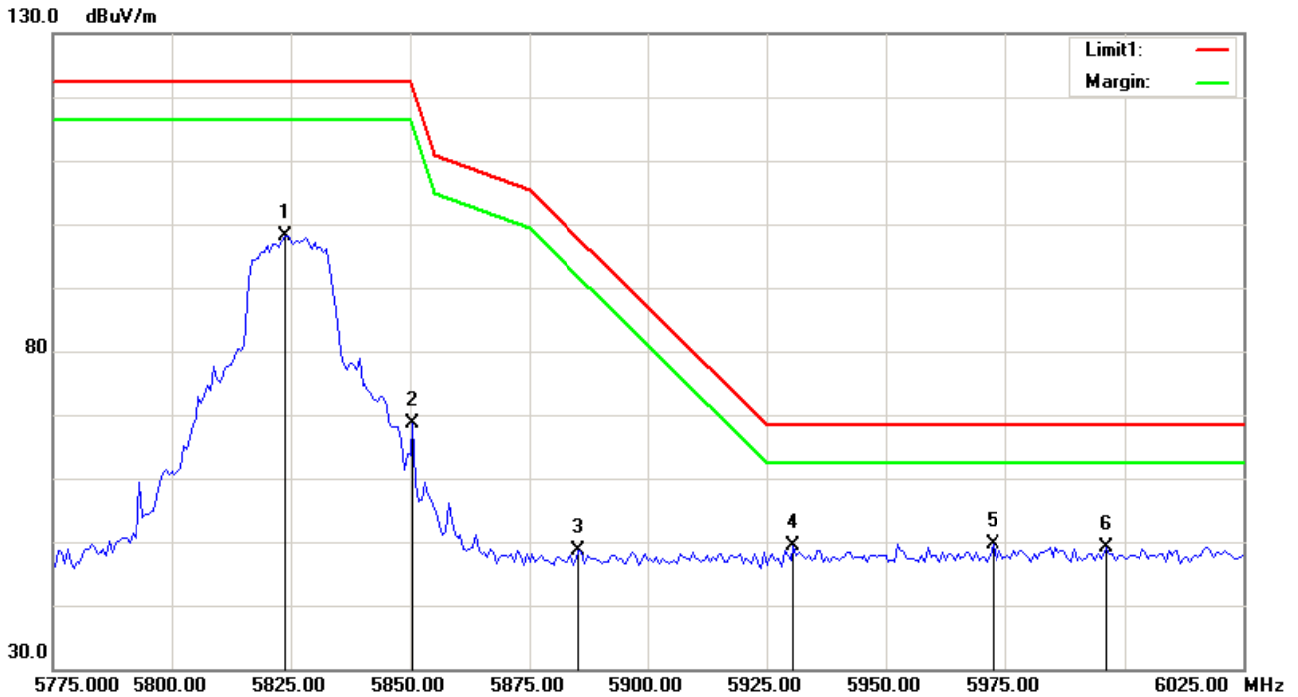
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5586.813	52.25	-4.44	47.81	68.30	-20.49	peak
2	5630.750	52.63	-4.36	48.27	68.30	-20.03	peak
3	5783.938	102.48	-4.12	98.36	122.30	-23.94	peak
4	5907.438	52.63	-3.93	48.70	81.30	-32.60	peak
5	5953.750	52.37	-3.84	48.53	68.30	-19.77	peak
6	5987.000	52.60	-3.80	48.80	68.30	-19.50	peak

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

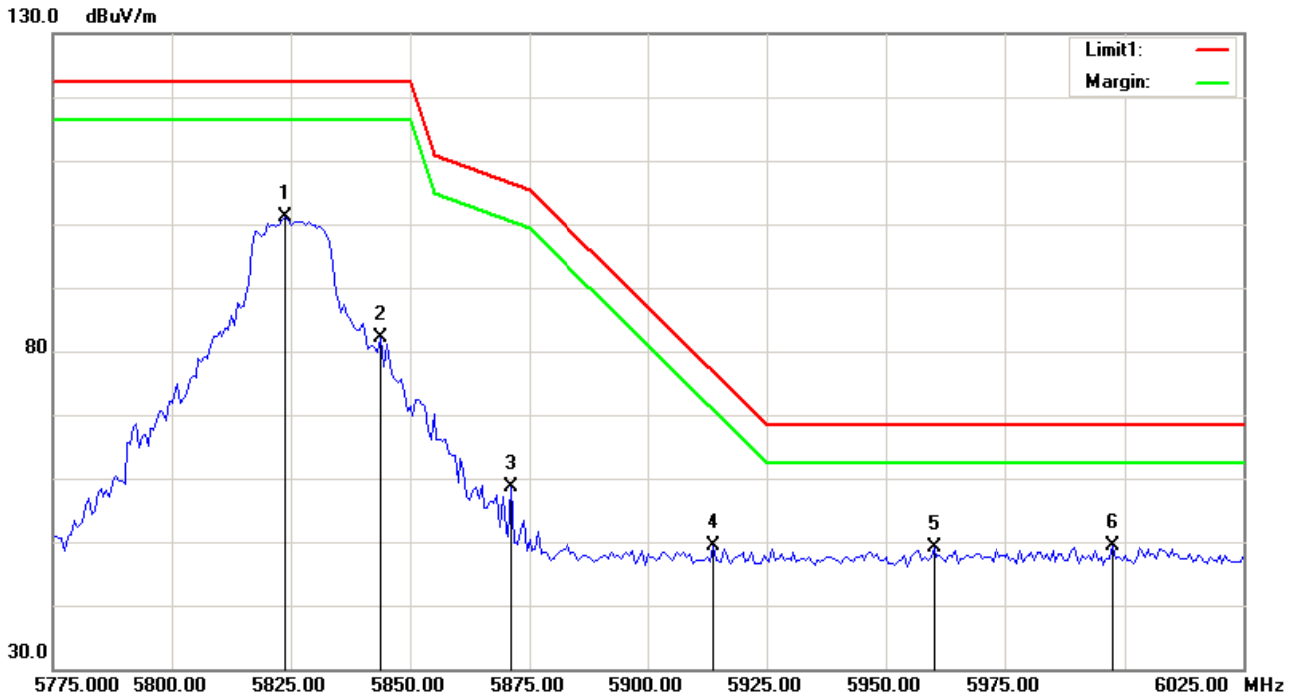
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.750	102.27	-4.05	98.22	122.30	-24.08	peak
2	5850.625	72.57	-4.01	68.56	120.87	-52.31	peak
3	5885.625	52.71	-3.96	48.75	97.44	-48.69	peak
4	5930.625	53.26	-3.88	49.38	68.30	-18.92	peak
5	5972.500	53.41	-3.81	49.60	68.30	-18.70	peak
6	5996.250	52.93	-3.78	49.15	68.30	-19.15	peak

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

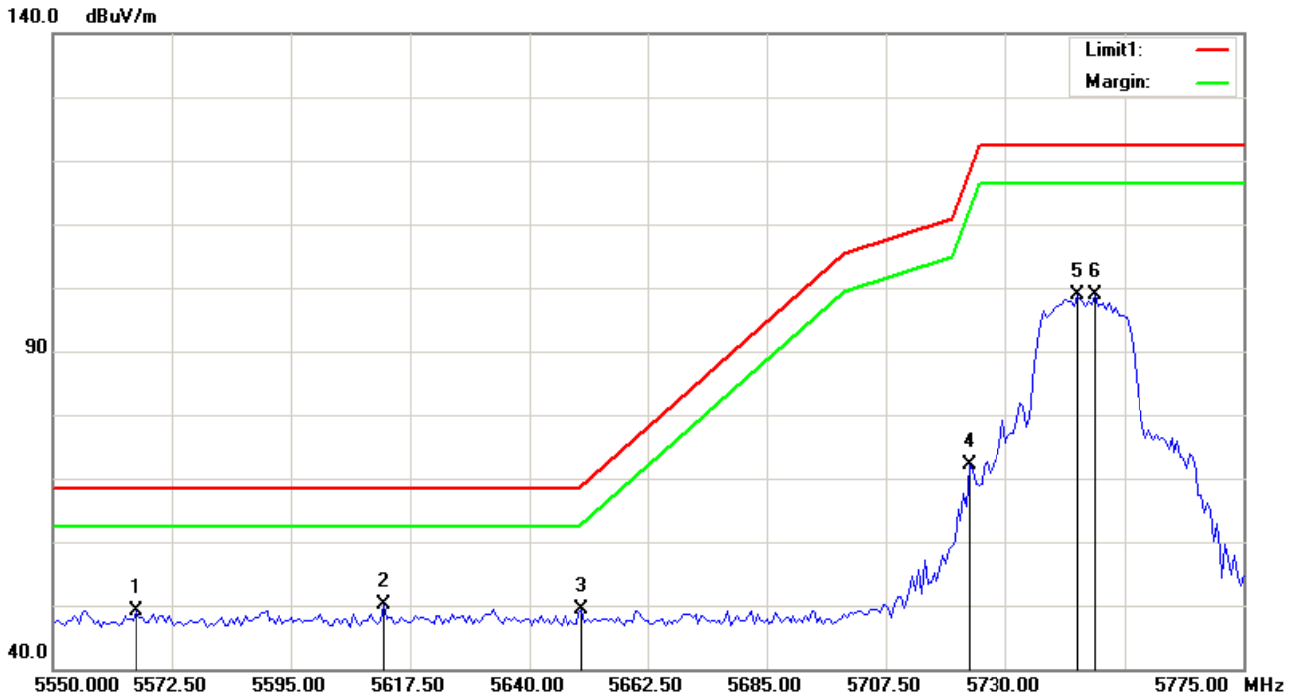
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.750	105.25	-4.05	101.20	122.30	-21.10	peak
2	5843.750	86.18	-4.02	82.16	122.30	-40.14	peak
3	5871.250	62.62	-3.98	58.64	106.35	-47.71	peak
4	5913.750	53.31	-3.91	49.40	76.62	-27.22	peak
5	5960.000	52.86	-3.84	49.02	68.30	-19.28	peak
6	5997.500	53.05	-3.78	49.27	68.30	-19.03	peak

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

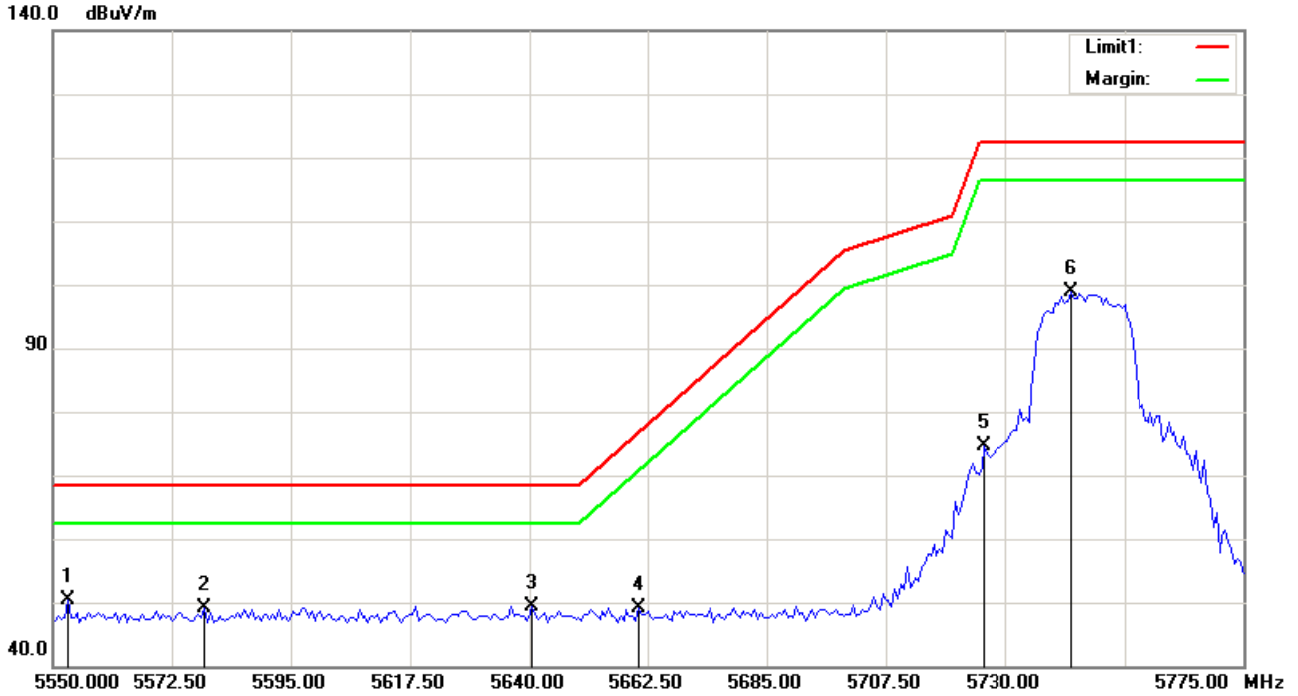
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5565.750	53.60	-4.47	49.13	68.30	-19.17	peak
2	5612.438	54.52	-4.40	50.12	68.30	-18.18	peak
3	5650.125	53.59	-4.33	49.26	68.39	-19.13	peak
4	5723.250	76.41	-4.21	72.20	118.31	-46.11	peak
5	5743.500	102.99	-4.18	98.81	122.30	-23.49	peak
6	5746.875	103.04	-4.18	98.86	122.30	-23.44	peak

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

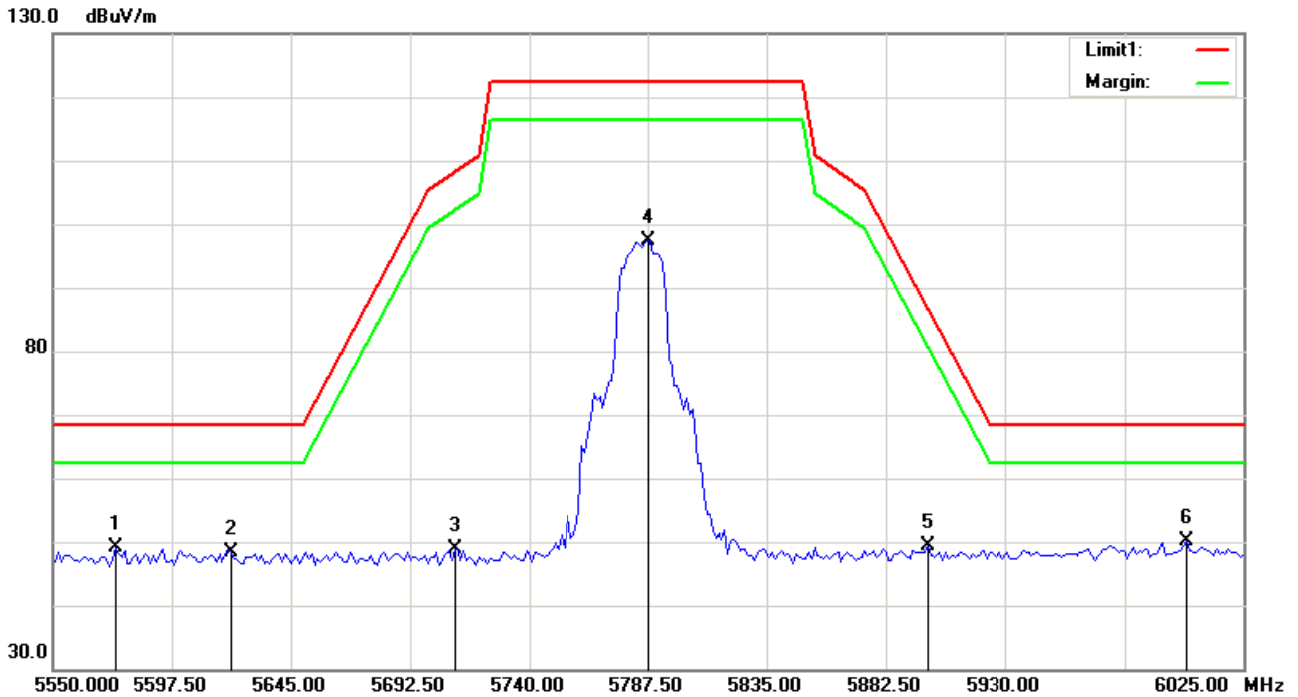
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5552.813	54.87	-4.48	50.39	68.30	-17.91	peak
2	5578.688	53.66	-4.44	49.22	68.30	-19.08	peak
3	5640.563	53.75	-4.35	49.40	68.30	-18.90	peak
4	5660.813	53.40	-4.32	49.08	76.30	-27.22	peak
5	5726.063	78.74	-4.21	74.53	122.30	-47.77	peak
6	5742.375	102.98	-4.19	98.79	122.30	-23.51	peak

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

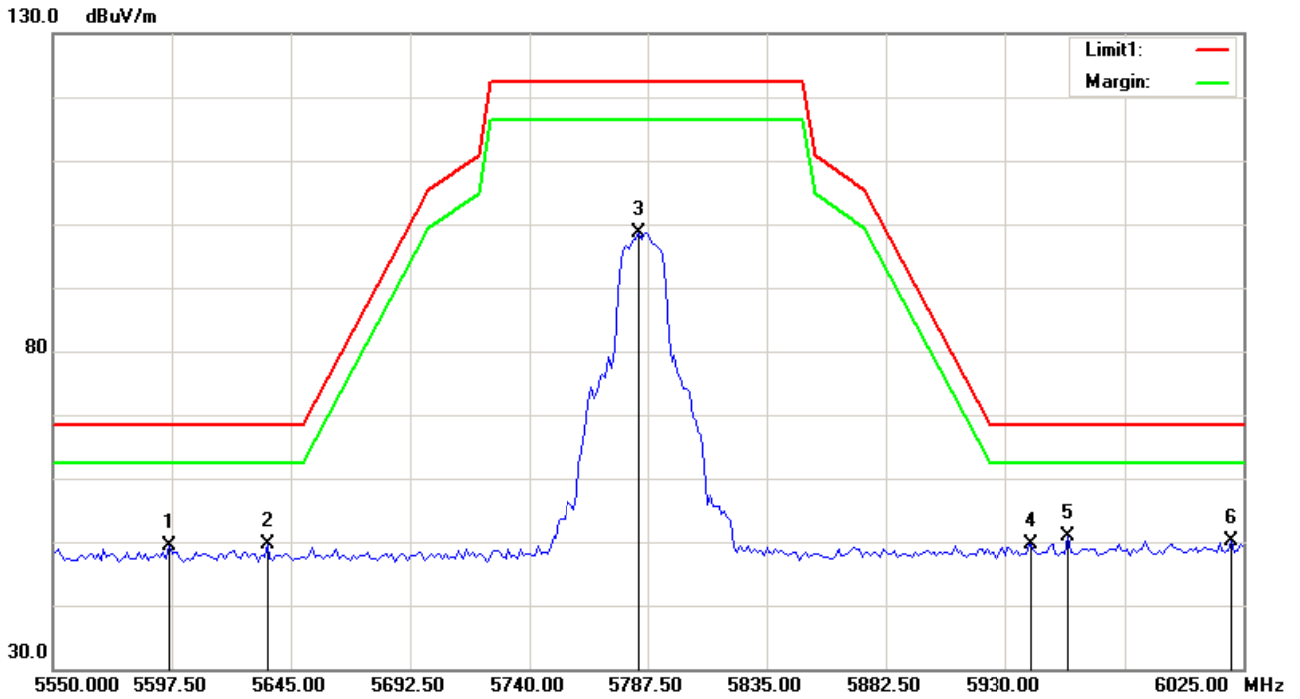
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5574.938	53.51	-4.45	49.06	68.30	-19.24	peak
2	5621.250	52.75	-4.39	48.36	68.30	-19.94	peak
3	5710.313	53.18	-4.24	48.94	108.19	-59.25	peak
4	5787.500	101.57	-4.11	97.46	122.30	-24.84	peak
5	5899.125	53.37	-3.93	49.44	87.45	-38.01	peak
6	6002.438	53.84	-3.76	50.08	68.30	-18.22	peak

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

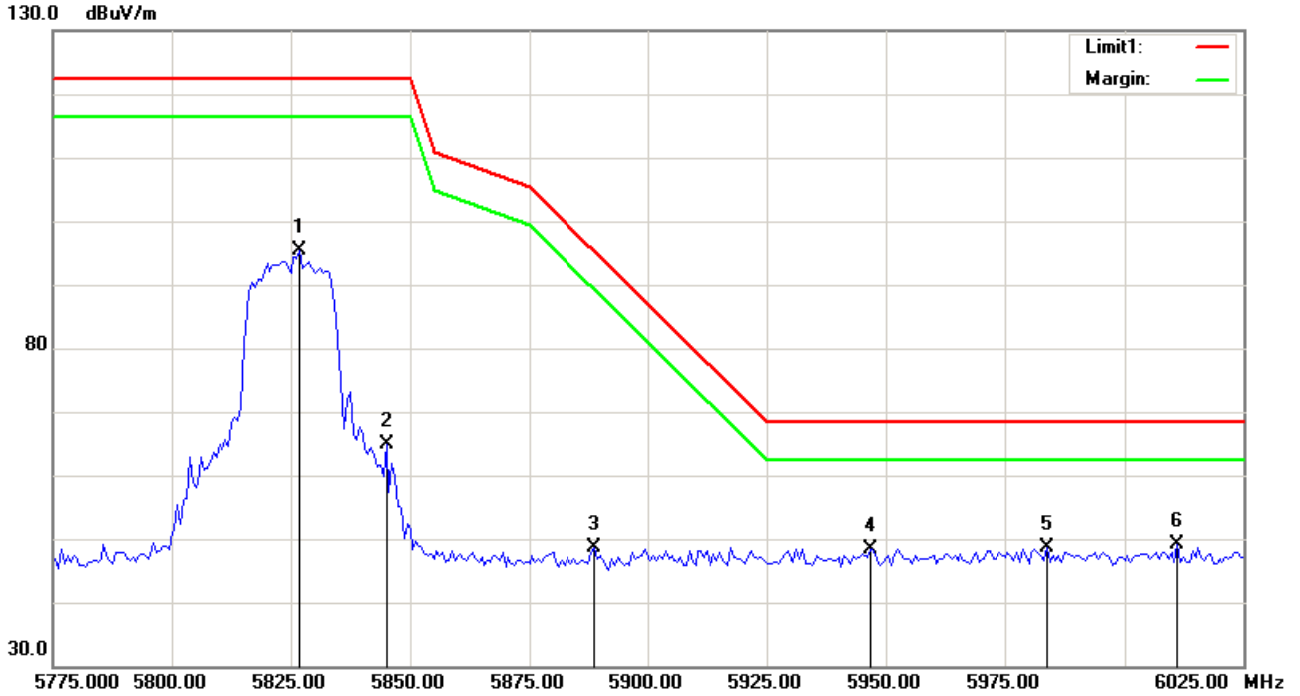
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5596.313	53.77	-4.43	49.34	68.30	-18.96	peak
2	5635.500	54.01	-4.36	49.65	68.30	-18.65	peak
3	5783.938	102.85	-4.12	98.73	122.30	-23.57	peak
4	5940.688	53.61	-3.86	49.75	68.30	-18.55	peak
5	5954.938	54.74	-3.84	50.90	68.30	-17.40	peak
6	6020.250	53.75	-3.66	50.09	68.30	-18.21	peak

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

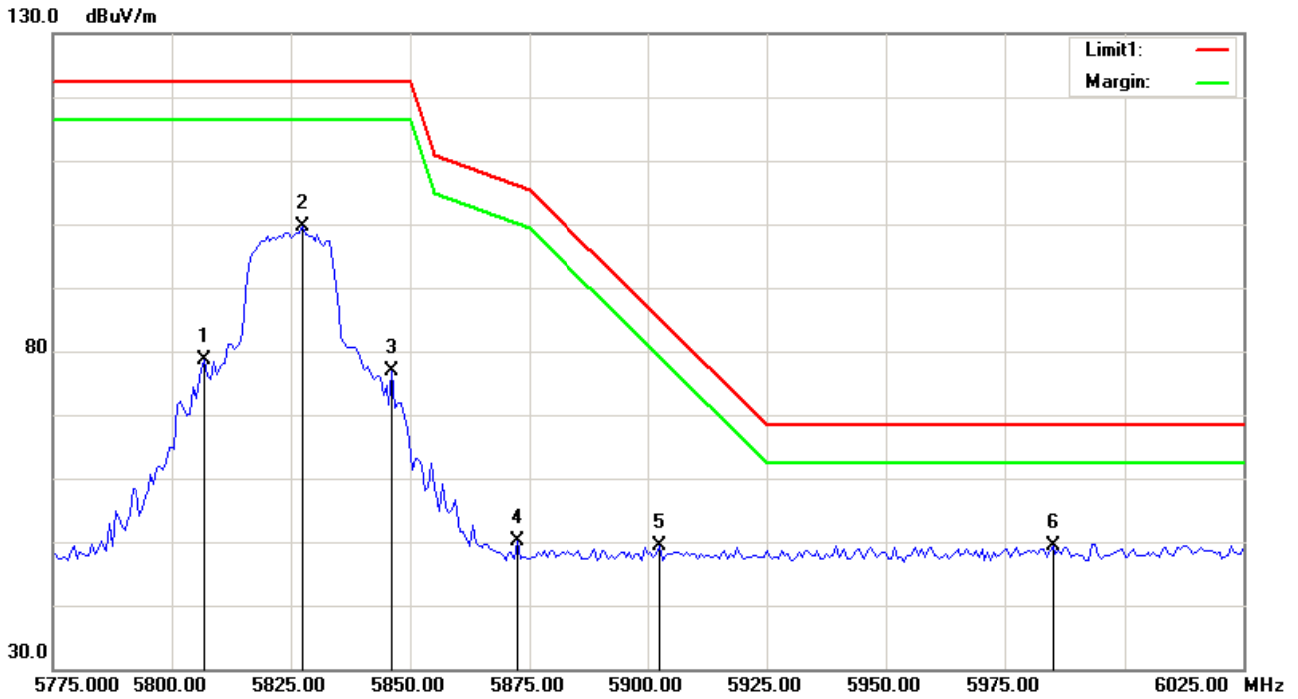
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.875	99.31	-4.05	95.26	122.30	-27.04	peak
2	5845.000	68.92	-4.02	64.90	122.30	-57.40	peak
3	5888.750	52.59	-3.95	48.64	95.12	-46.48	peak
4	5946.875	52.32	-3.86	48.46	68.30	-19.84	peak
5	5983.750	52.55	-3.80	48.75	68.30	-19.55	peak
6	6011.250	52.75	-3.72	49.03	68.30	-19.27	peak

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

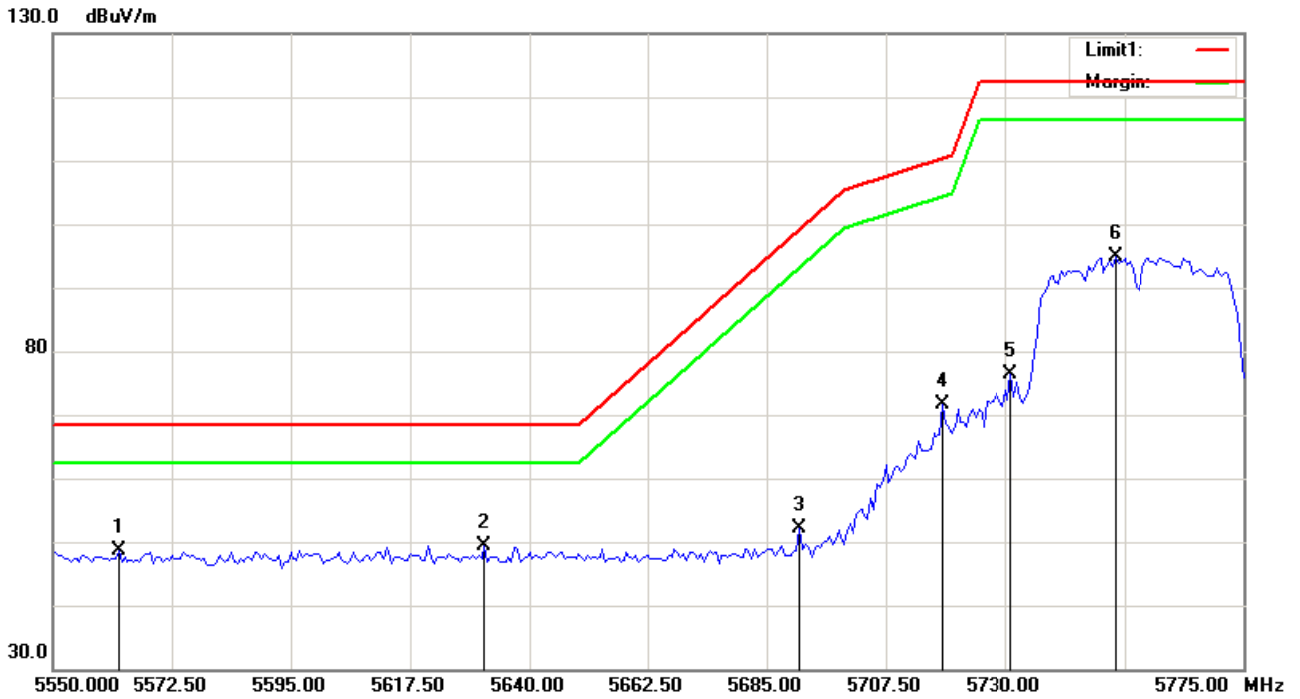
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5806.875	82.78	-4.09	78.69	122.30	-43.61	peak
2	5827.500	103.78	-4.04	99.74	122.30	-22.56	peak
3	5846.250	80.85	-4.02	76.83	122.30	-45.47	peak
4	5872.500	54.16	-3.98	50.18	106.00	-55.82	peak
5	5902.500	53.38	-3.93	49.45	84.95	-35.50	peak
6	5985.000	53.22	-3.80	49.42	68.30	-18.88	peak

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

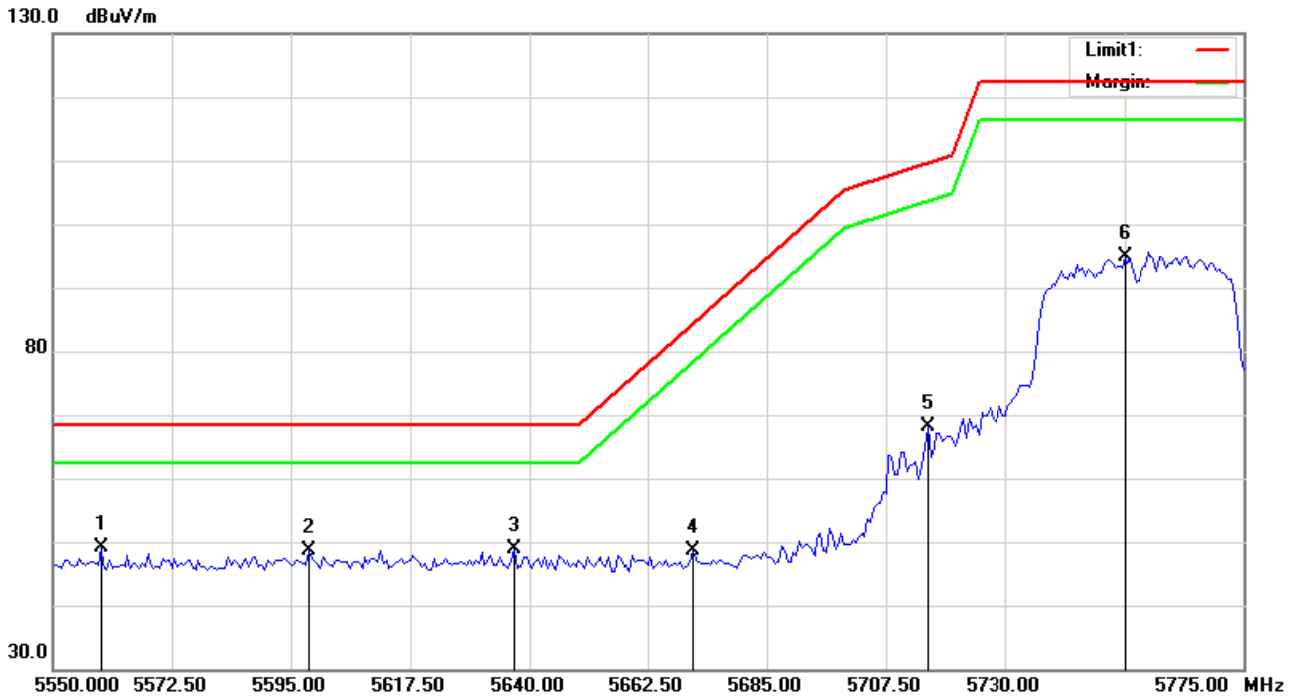
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5562.375	53.02	-4.48	48.54	68.30	-19.76	peak
2	5631.563	53.67	-4.37	49.30	68.30	-19.00	peak
3	5691.188	56.35	-4.27	52.08	98.78	-46.70	peak
4	5718.188	75.81	-4.22	71.59	110.39	-38.80	peak
5	5731.125	80.51	-4.20	76.31	122.30	-45.99	peak
6	5750.813	99.09	-4.17	94.92	122.30	-27.38	peak

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

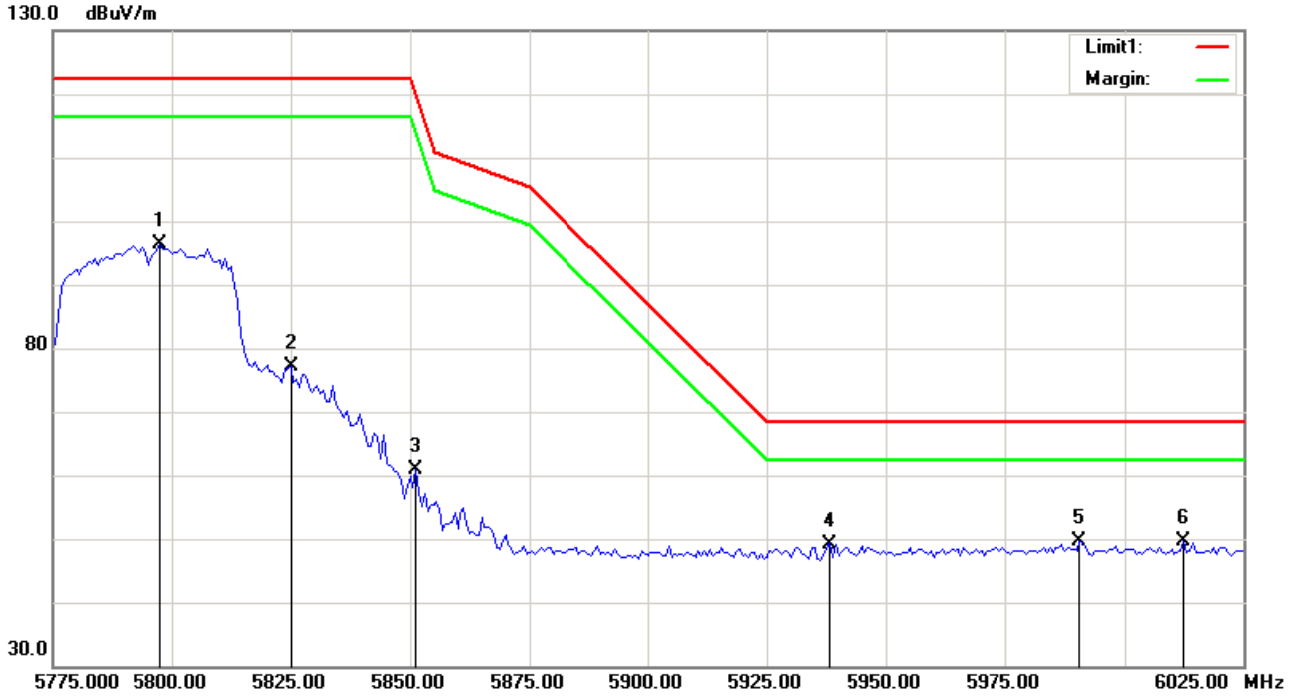
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5559.000	53.58	-4.48	49.10	68.30	-19.20	peak
2	5598.375	53.11	-4.41	48.70	68.30	-19.60	peak
3	5637.188	53.31	-4.36	48.95	68.30	-19.35	peak
4	5670.938	52.93	-4.30	48.63	83.79	-35.16	peak
5	5715.375	72.35	-4.23	68.12	109.60	-41.48	peak
6	5752.500	99.09	-4.16	94.93	122.30	-27.37	peak

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

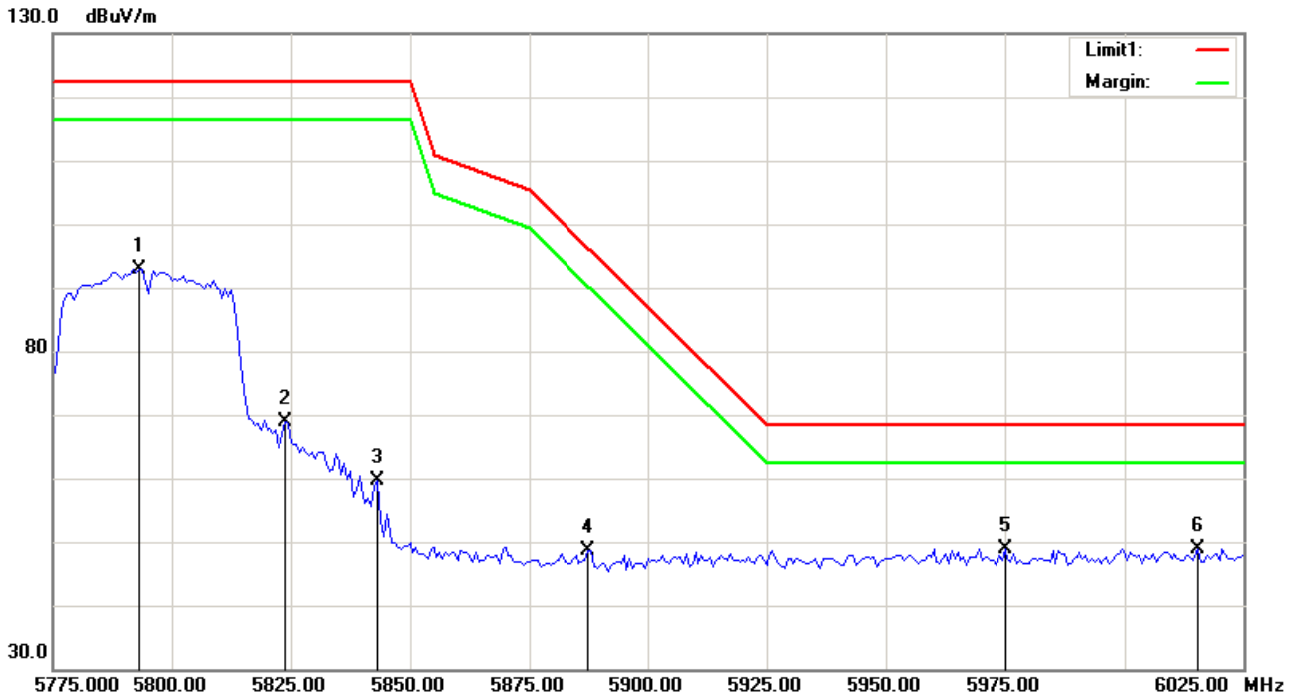
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5797.500	100.38	-4.10	96.28	122.30	-26.02	peak
2	5825.000	81.22	-4.05	77.17	122.30	-45.13	peak
3	5851.250	64.86	-4.01	60.85	119.45	-58.60	peak
4	5938.125	53.12	-3.87	49.25	68.30	-19.05	peak
5	5990.625	53.51	-3.78	49.73	68.30	-18.57	peak
6	6012.500	53.37	-3.71	49.66	68.30	-18.64	peak

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

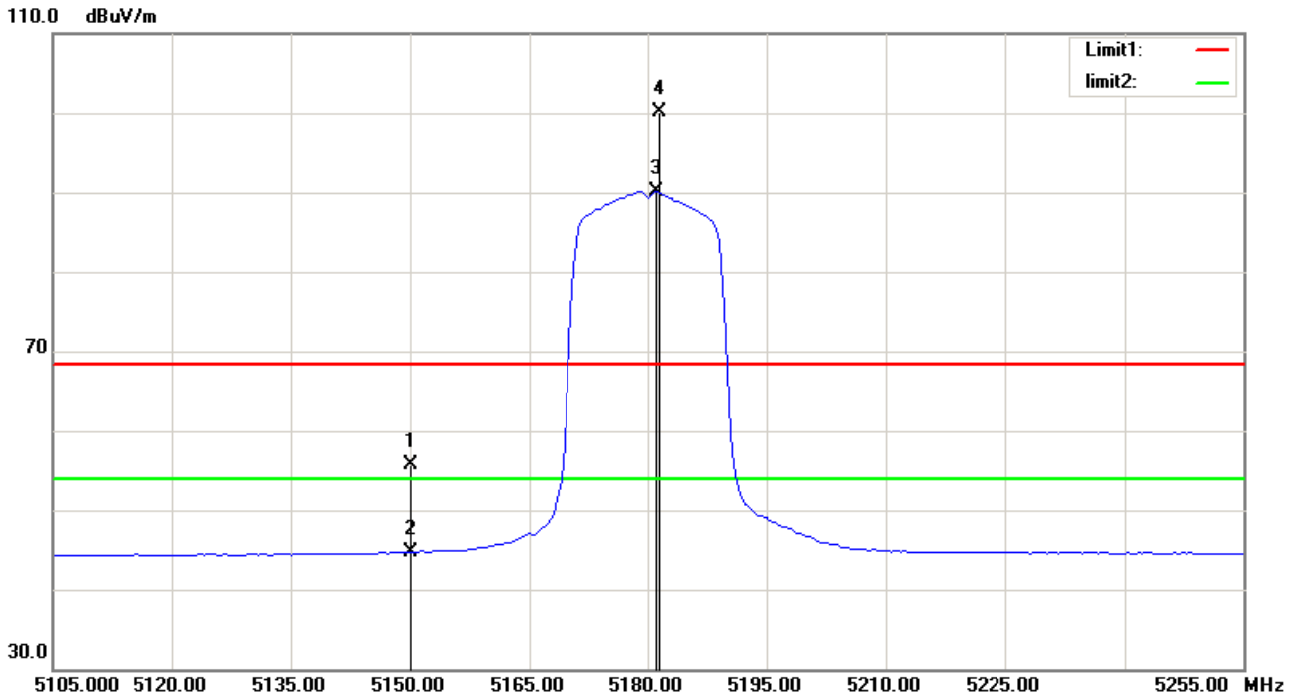
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5793.125	97.00	-4.09	92.91	122.30	-29.39	peak
2	5823.750	72.84	-4.05	68.79	122.30	-53.51	peak
3	5843.125	63.68	-4.01	59.67	122.30	-62.63	peak
4	5887.500	52.60	-3.96	48.64	96.05	-47.41	peak
5	5975.000	52.77	-3.81	48.96	68.30	-19.34	peak
6	6015.625	52.66	-3.70	48.96	68.30	-19.34	peak

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

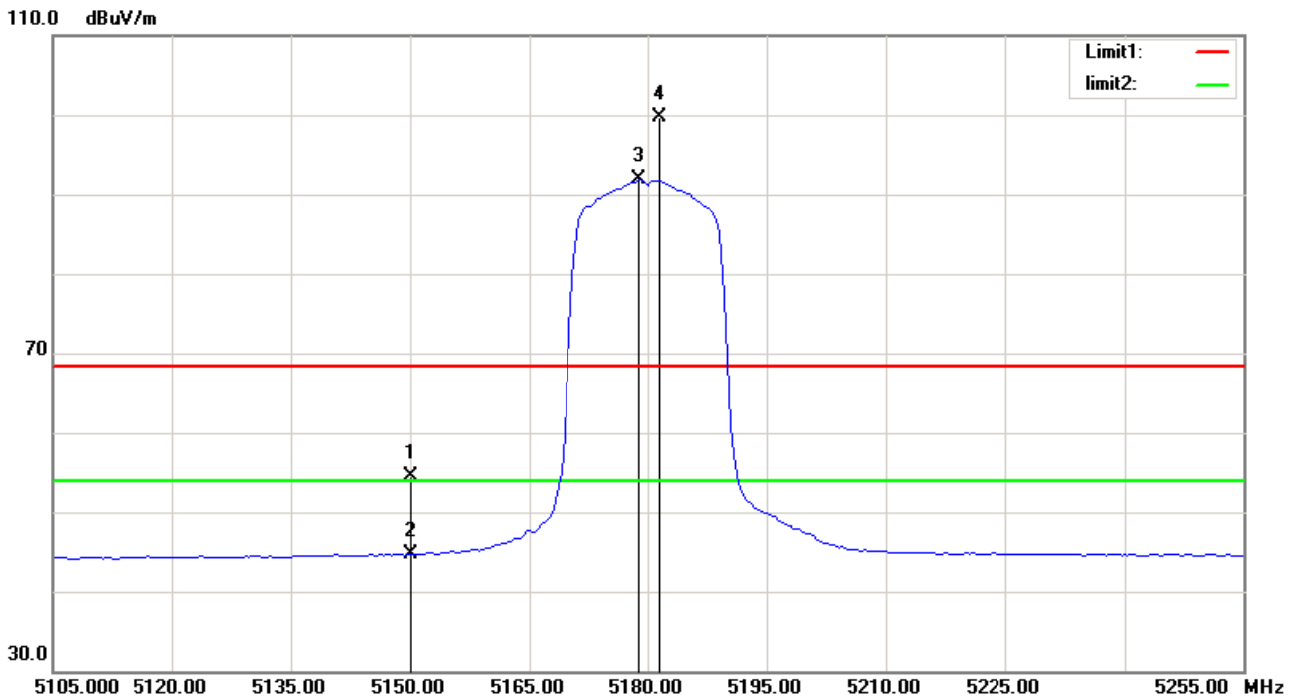
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	20.83	34.94	55.77	68.30	-12.53	peak
2	5150.000	9.78	34.94	44.72	54.00	-9.28	AVG
3	5181.125	55.02	35.02	90.04	/	/	AVG
4	5181.500	65.16	35.03	100.19	/	/	peak

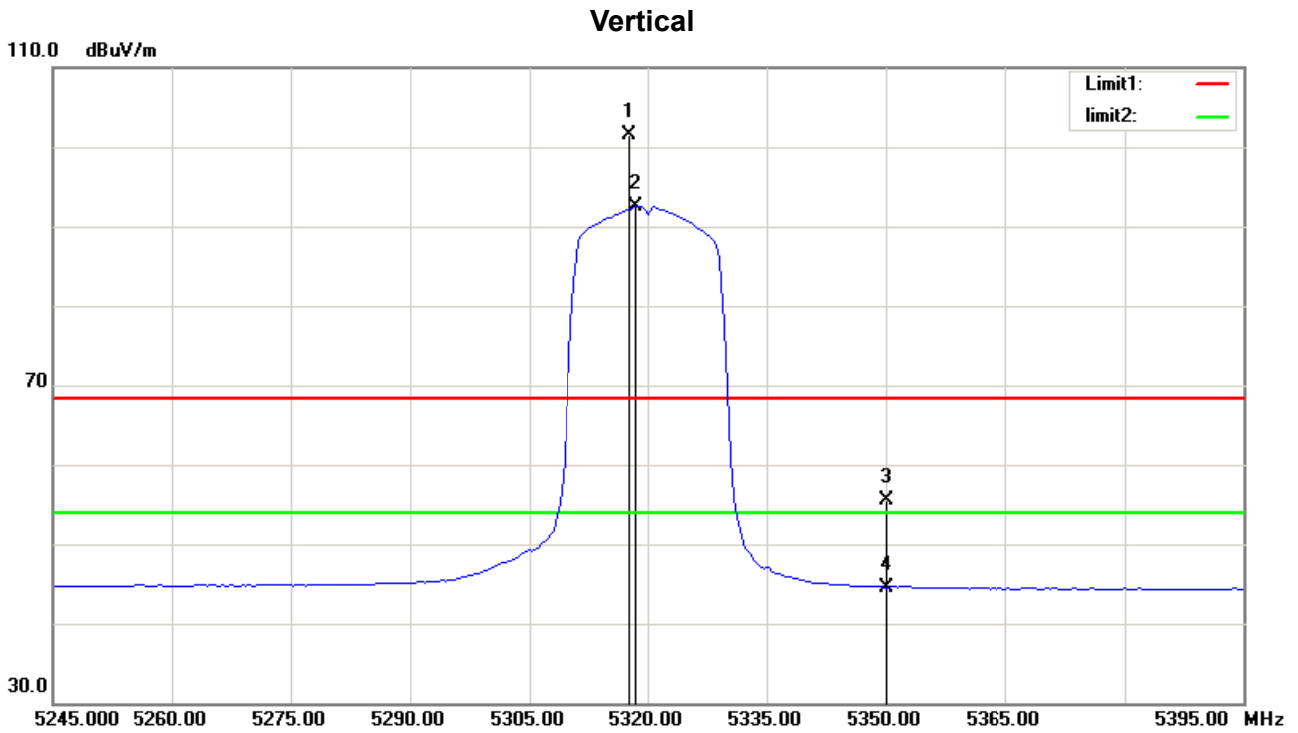
Orthogonal Axis	X
Test Mode	UNII-1_TX AC (VHT20) Mode 5180 MHz

Horizontal



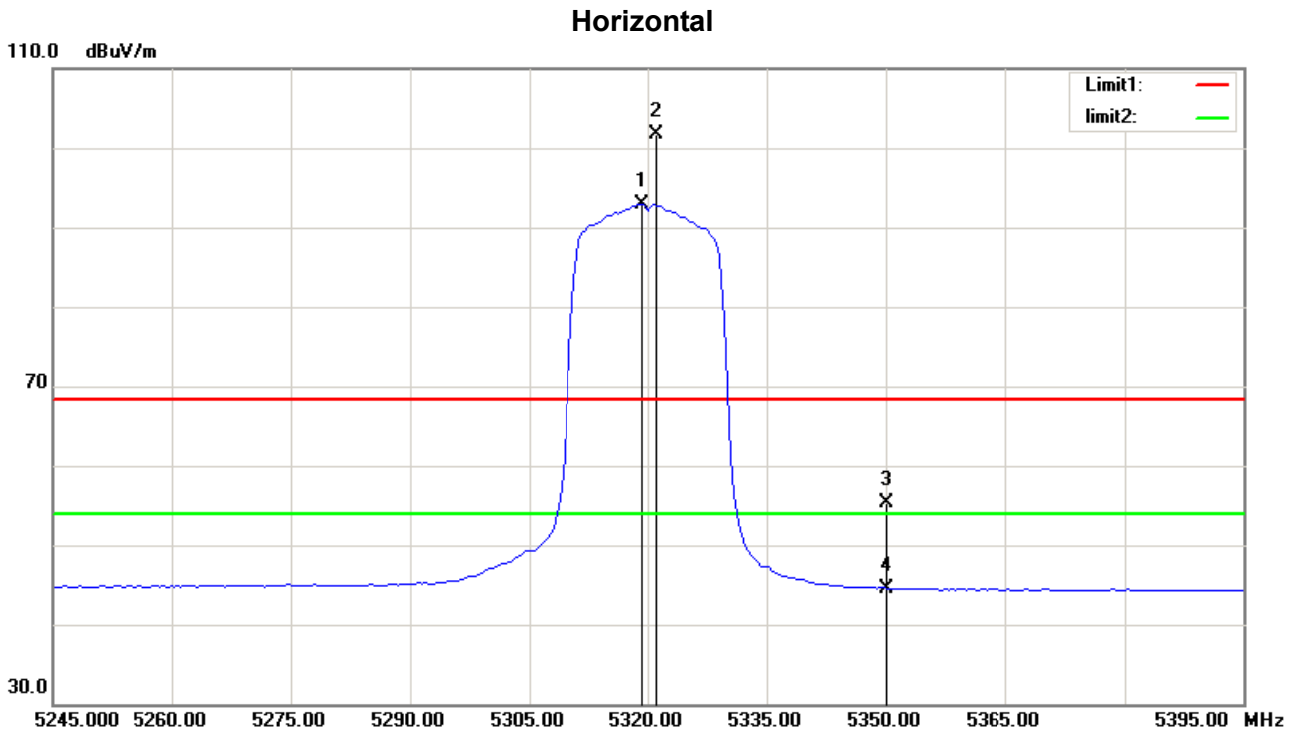
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	19.66	34.94	54.60	68.30	-13.70	peak
2	5150.000	9.72	34.94	44.66	54.00	-9.34	AVG
3	5178.875	56.79	35.02	91.81	/	/	AVG
4	5181.500	64.65	35.03	99.68	/	/	peak

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.750	66.07	35.41	101.48	/	/	peak
2	5318.500	57.14	35.41	92.55	/	/	AVG
3	5350.000	20.04	35.50	55.54	68.30	-12.76	peak
4	5350.000	9.06	35.50	44.56	54.00	-9.44	AVG

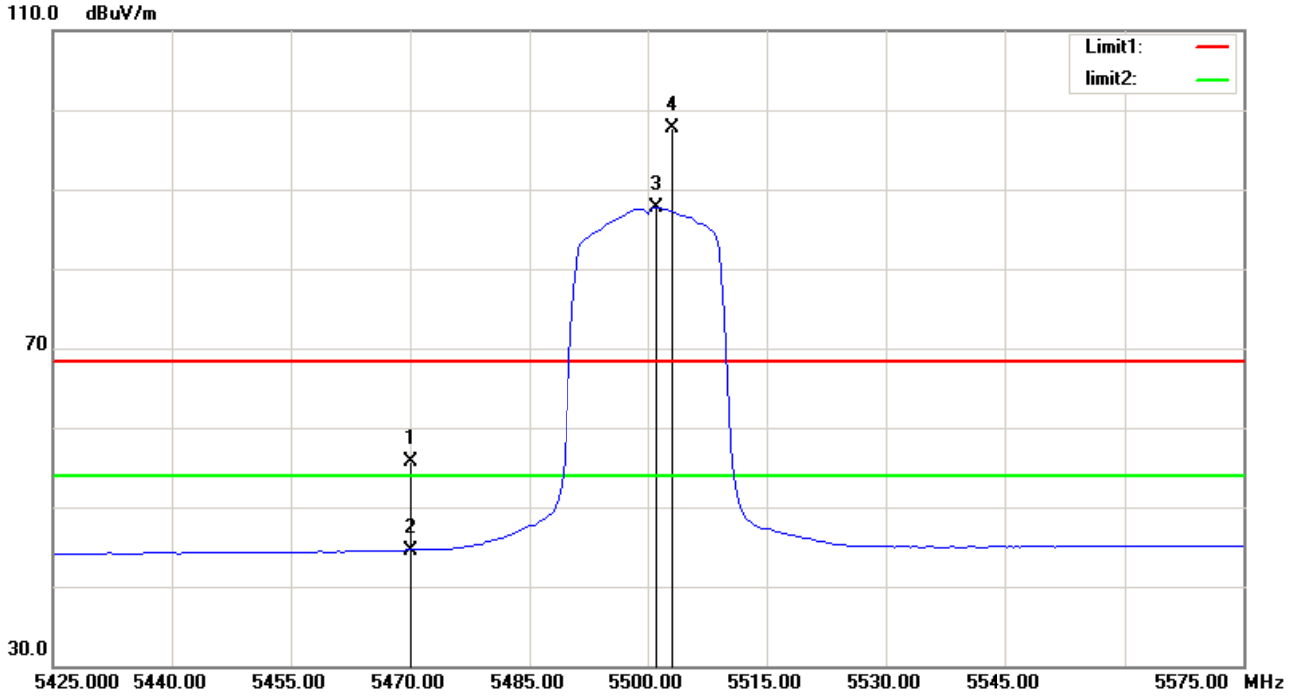
Orthogonal Axis	X
Test Mode	UNII-2A_TX AC (VHT20) Mode 5320 MHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5319.250	57.47	35.42	92.89	/	/	AVG
2	5321.125	66.36	35.42	101.78	/	/	peak
3	5350.000	19.87	35.50	55.37	68.30	-12.93	peak
4	5350.000	9.03	35.50	44.53	54.00	-9.47	AVG

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

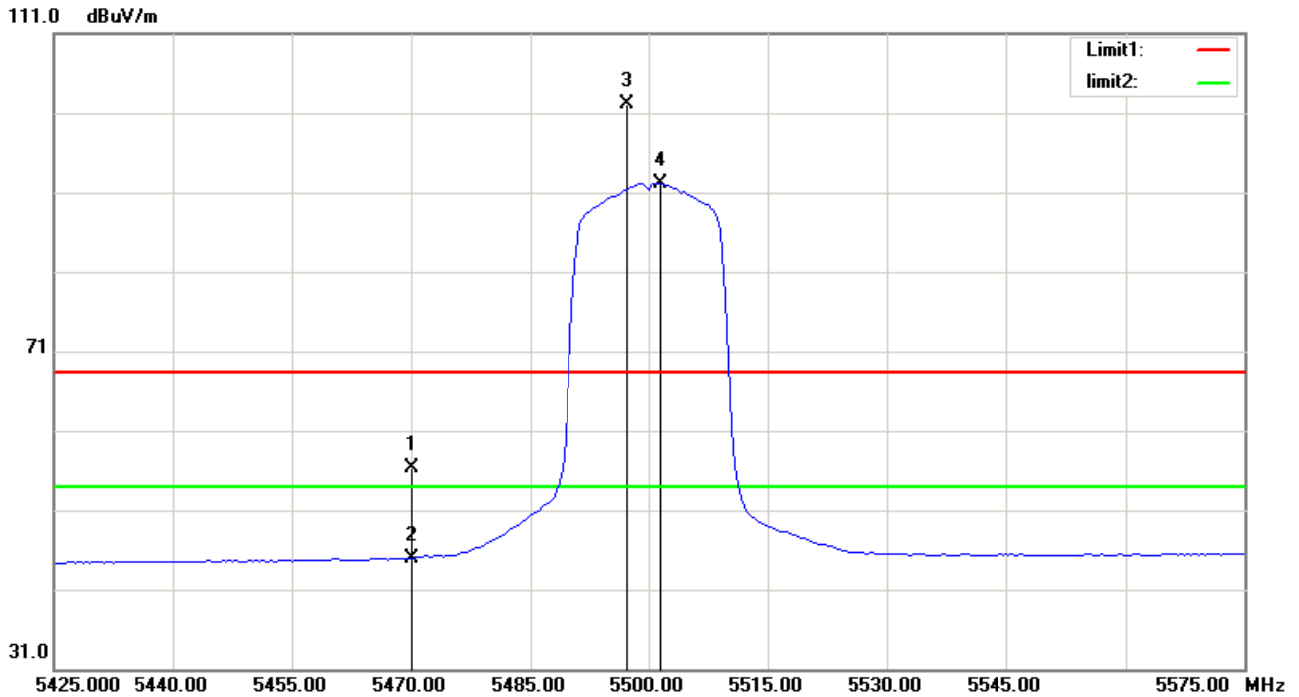
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	19.93	35.84	55.77	68.30	-12.53	peak
2	5470.000	8.76	35.84	44.60	54.00	-9.40	AVG
3	5501.125	51.84	35.93	87.77	/	/	AVG
4	5503.000	61.85	35.93	97.78	/	/	peak

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

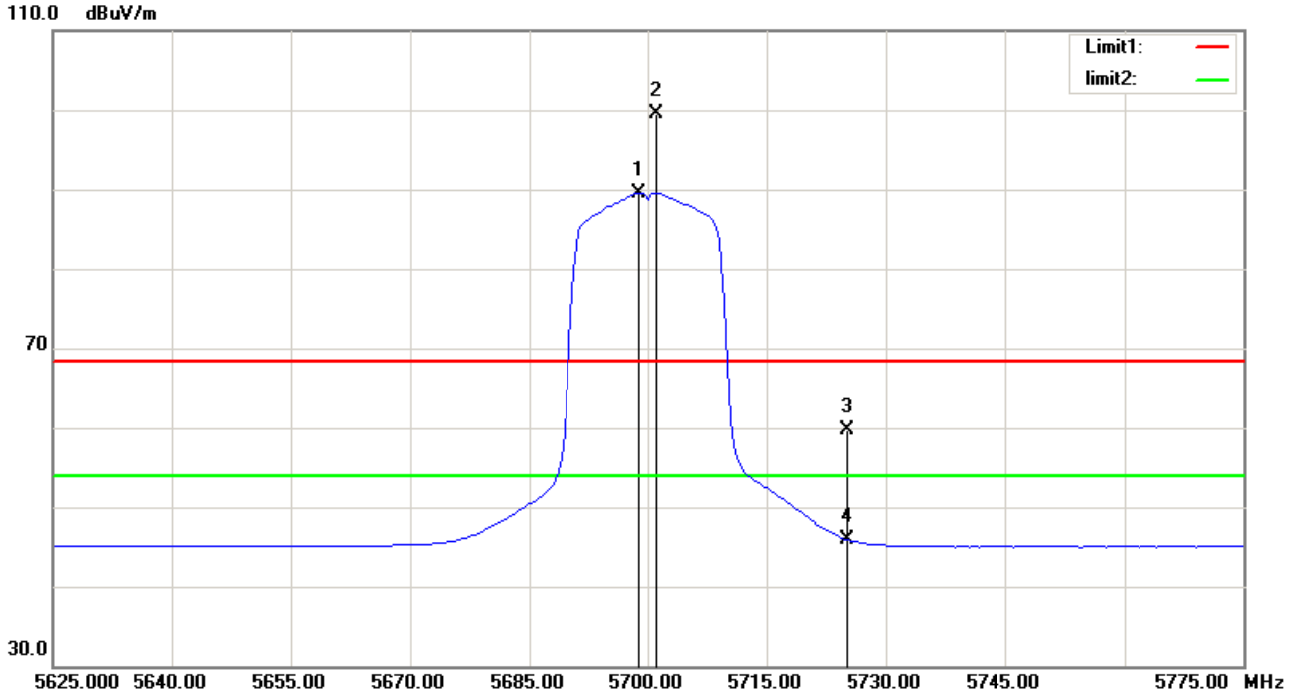
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	20.45	35.84	56.29	68.30	-12.01	peak
2	5470.000	9.16	35.84	45.00	54.00	-9.00	AVG
3	5497.375	66.16	35.91	102.07	/	/	peak
4	5501.500	56.19	35.93	92.12	/	/	AVG

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

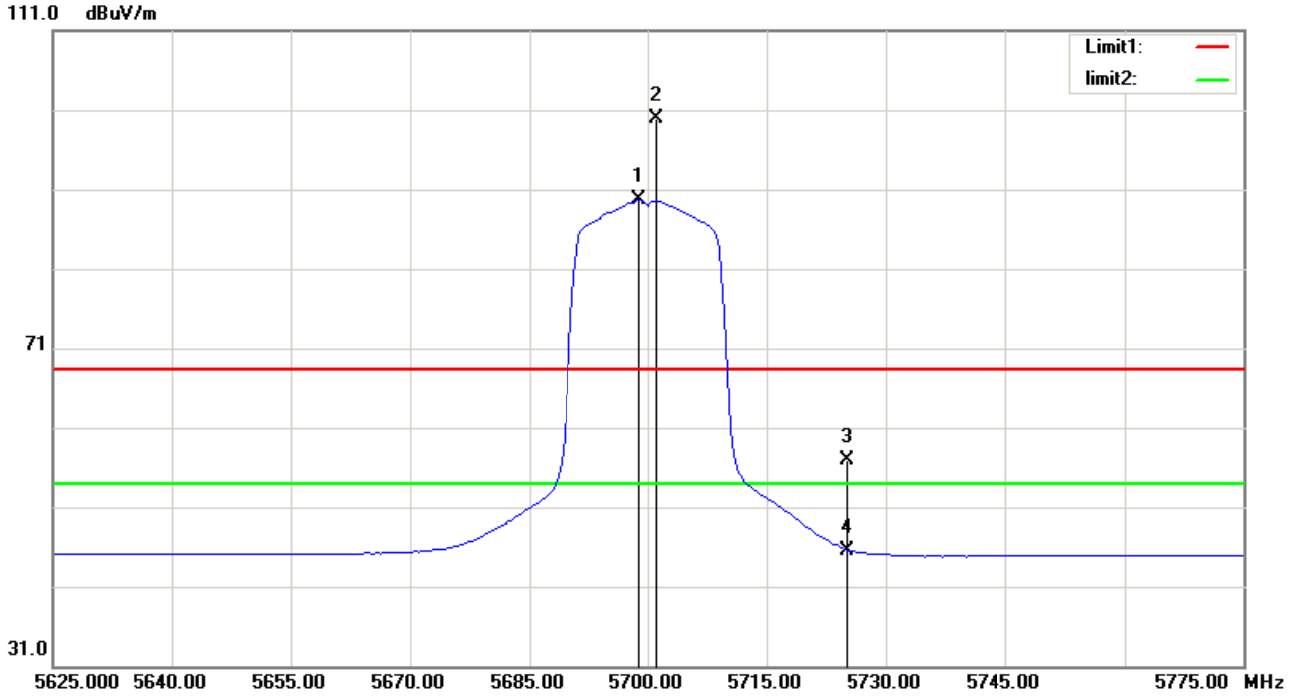
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.875	53.71	35.85	89.56	/	/	AVG
2	5701.125	63.72	35.85	99.57	/	/	peak
3	5725.000	23.88	35.84	59.72	68.30	-8.58	peak
4	5725.000	9.99	35.84	45.83	54.00	-8.17	AVG

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

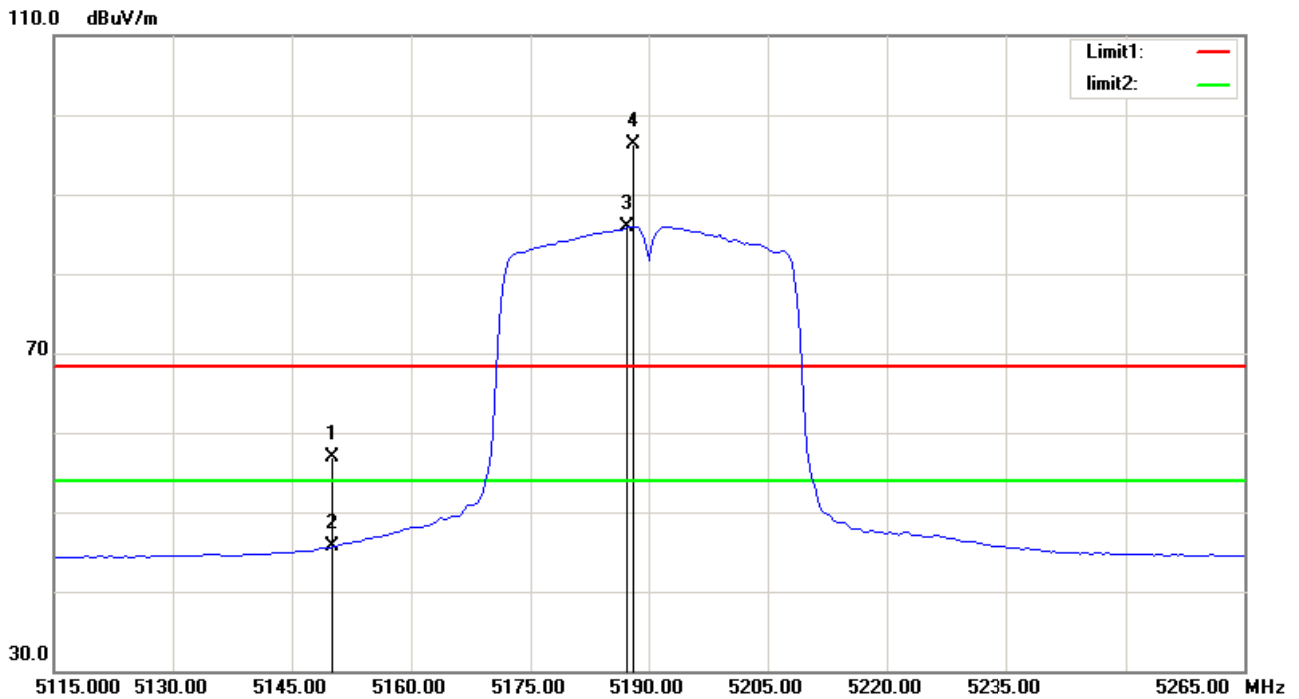
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.875	53.77	35.85	89.62	/	/	AVG
2	5701.125	63.97	35.85	99.82	/	/	peak
3	5725.000	21.02	35.84	56.86	68.30	-11.44	peak
4	5725.000	9.73	35.84	45.57	54.00	-8.43	AVG

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

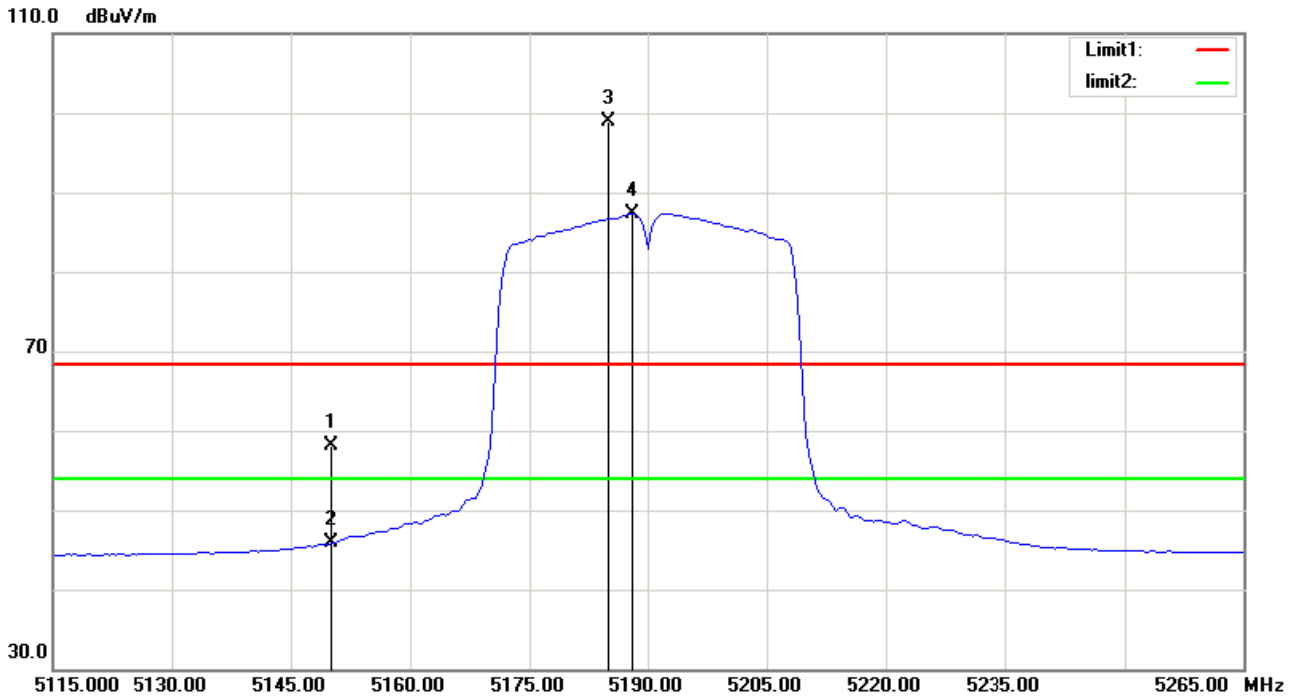
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.93	34.94	56.87	68.30	-11.43	peak
2	5150.000	10.68	34.94	45.62	54.00	-8.38	AVG
3	5187.375	50.94	35.05	85.99	/	/	AVG
4	5188.125	61.24	35.05	96.29	/	/	peak

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

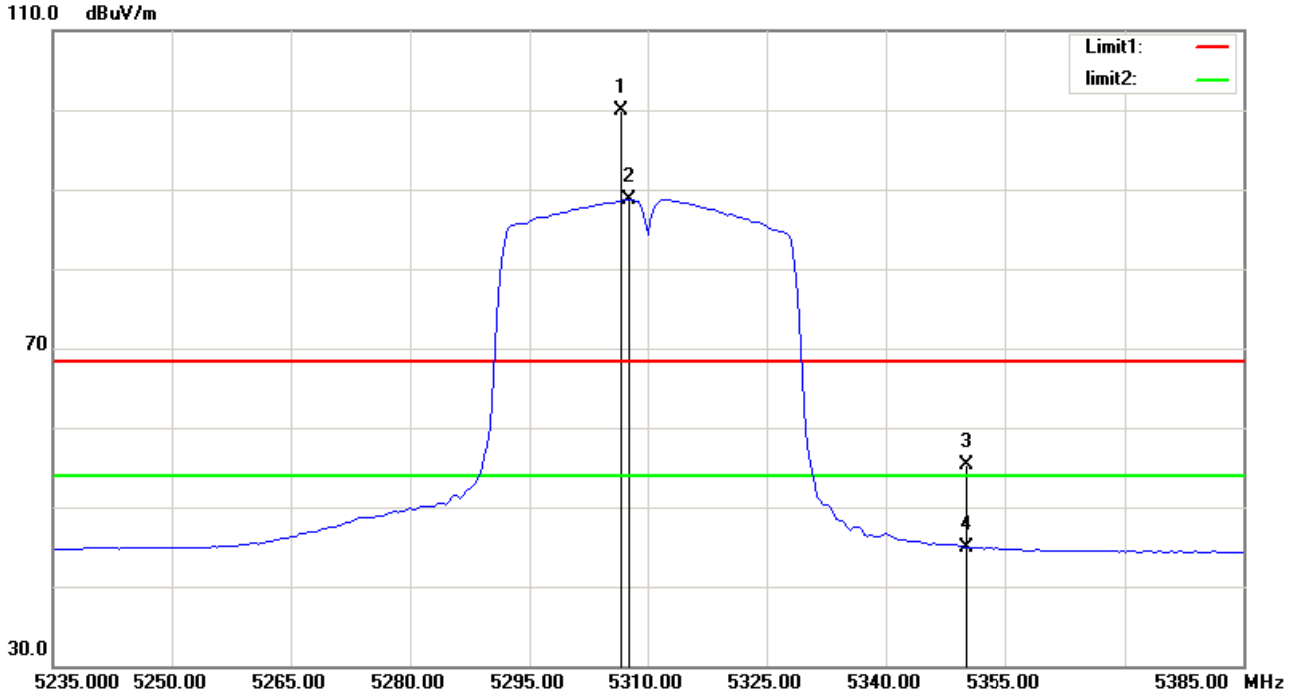
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	23.23	34.94	58.17	68.30	-10.13	peak
2	5150.000	10.89	34.94	45.83	54.00	-8.17	AVG
3	5185.125	63.95	35.04	98.99	/	/	peak
4	5188.125	52.27	35.05	87.32	/	/	AVG

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

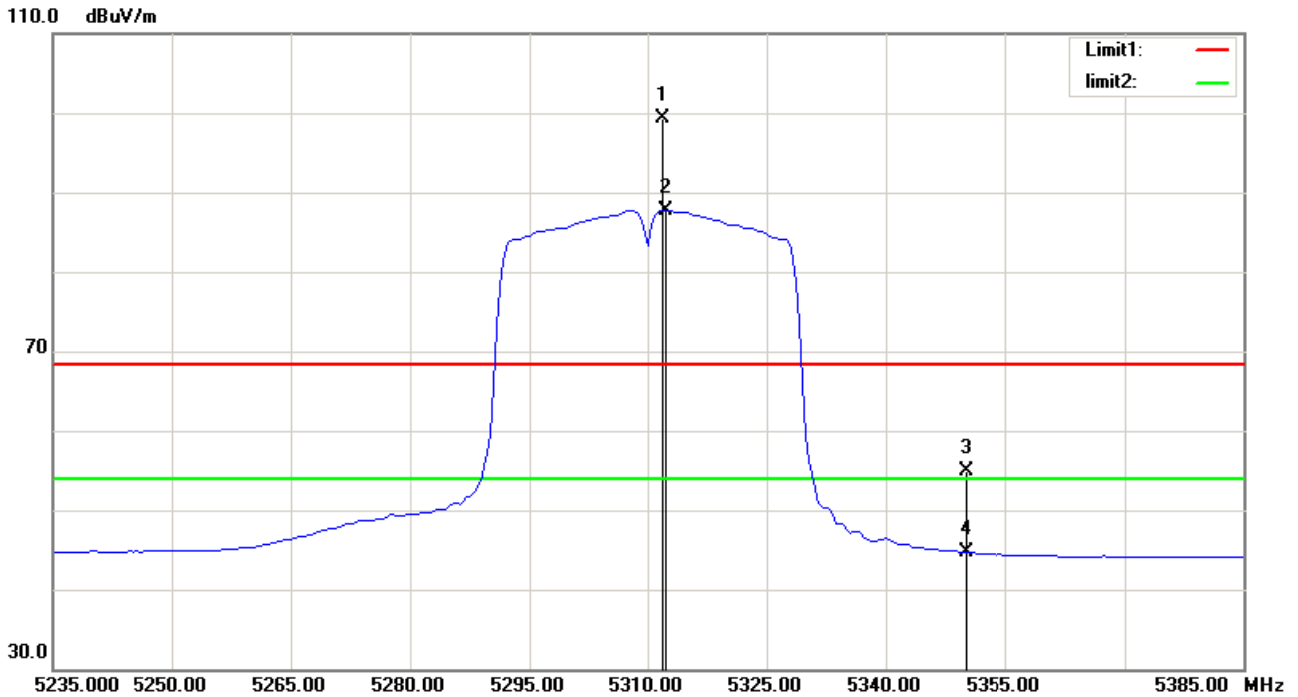
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5306.625	64.60	35.39	99.99	/	/	peak
2	5307.750	53.37	35.39	88.76	/	/	AVG
3	5350.000	19.75	35.50	55.25	68.30	-13.05	peak
4	5350.000	9.48	35.50	44.98	54.00	-9.02	AVG

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

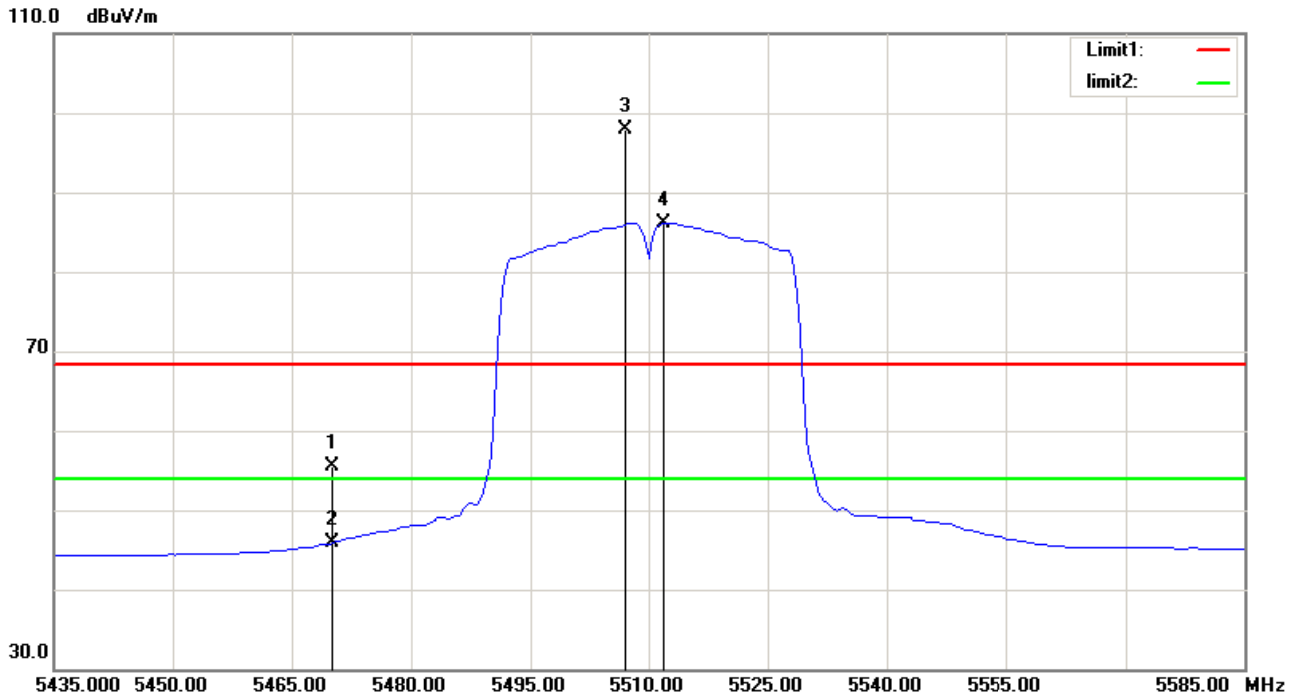
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5311.875	63.94	35.40	99.34	/	/	peak
2	5312.250	52.35	35.40	87.75	/	/	AVG
3	5350.000	19.38	35.50	54.88	68.30	-13.42	peak
4	5350.000	9.15	35.50	44.65	54.00	-9.35	AVG

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

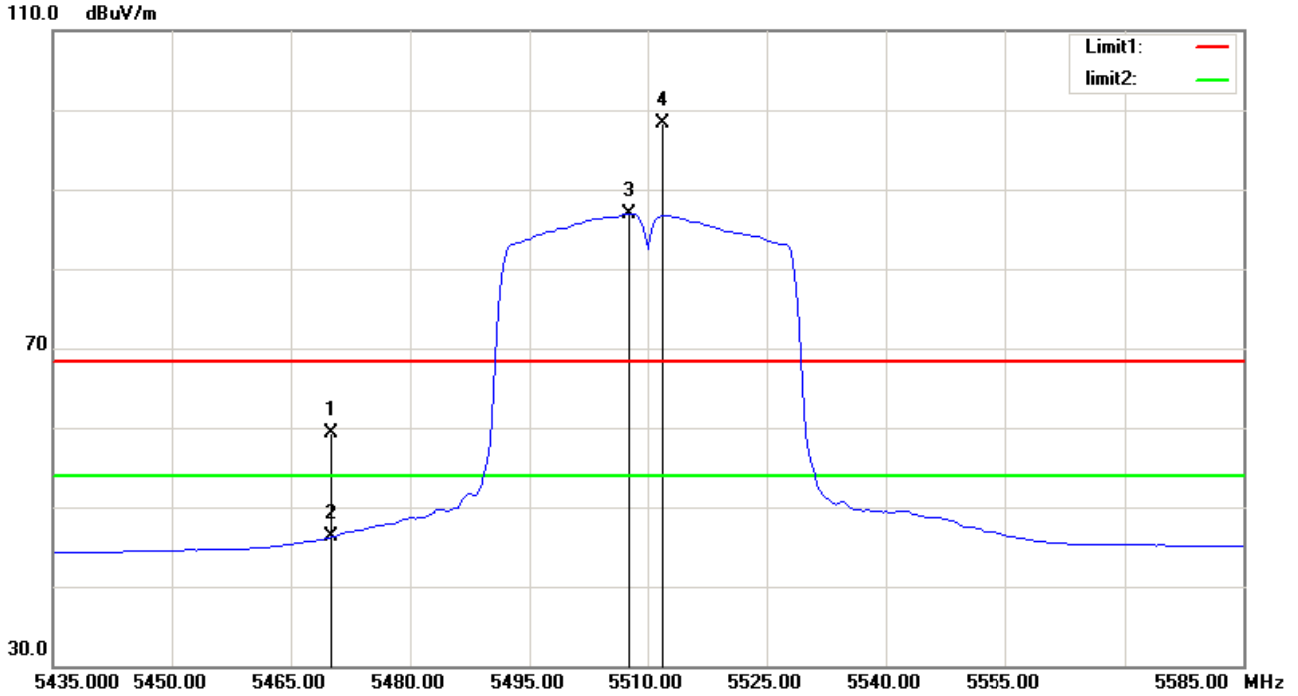
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	19.69	35.84	55.53	68.30	-12.77	peak
2	5470.000	10.06	35.84	45.90	54.00	-8.10	AVG
3	5507.000	62.07	35.92	97.99	/	/	peak
4	5511.875	50.25	35.92	86.17	/	/	AVG

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

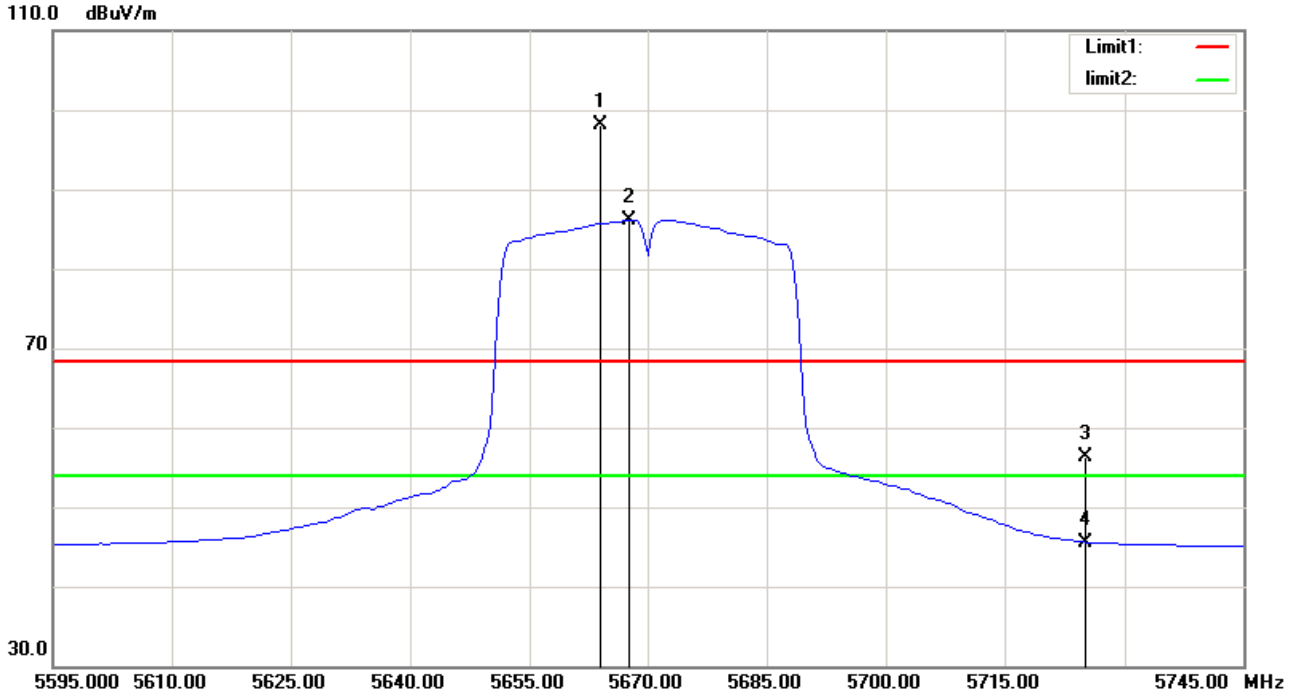
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	23.49	35.84	59.33	68.30	-8.97	peak
2	5470.000	10.38	35.84	46.22	54.00	-7.78	AVG
3	5507.750	51.01	35.92	86.93	/	/	AVG
4	5511.875	62.40	35.92	98.32	/	/	peak

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5670 MHz

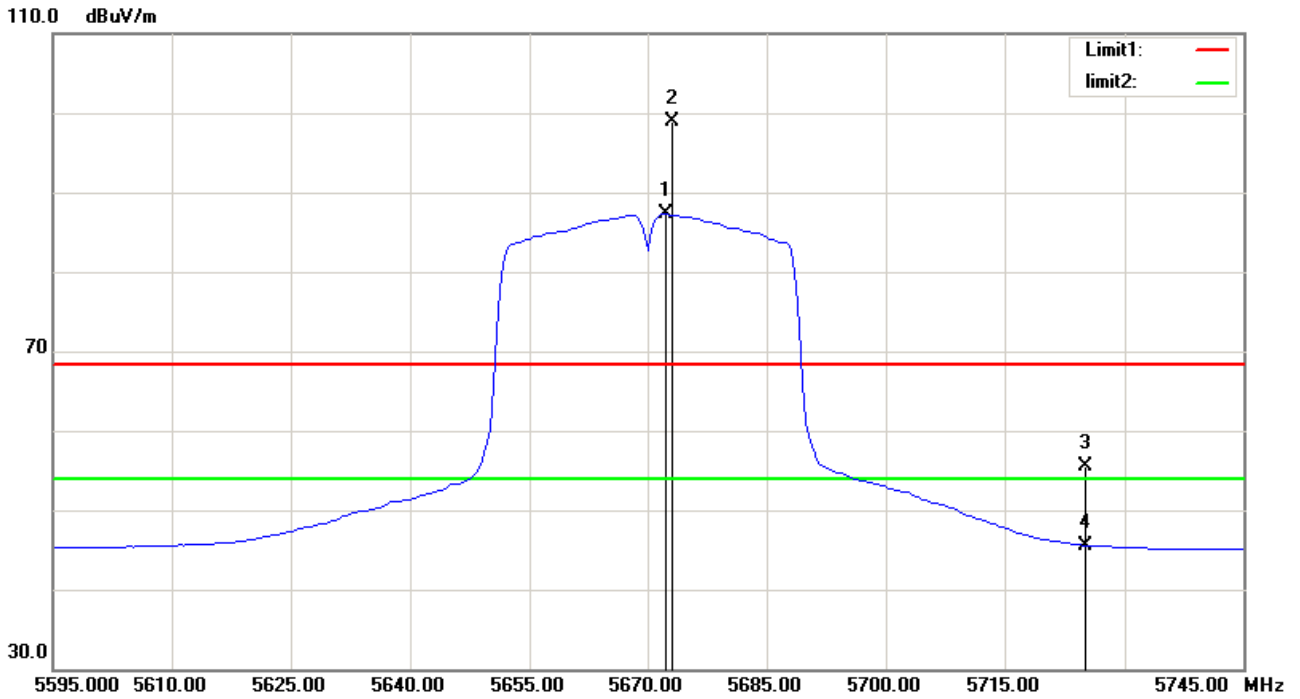
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5664.000	62.20	35.86	98.06	/	/	peak
2	5667.750	50.34	35.86	86.20	/	/	AVG
3	5725.000	20.42	35.84	56.26	68.30	-12.04	peak
4	5725.000	9.74	35.84	45.58	54.00	-8.42	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5670 MHz

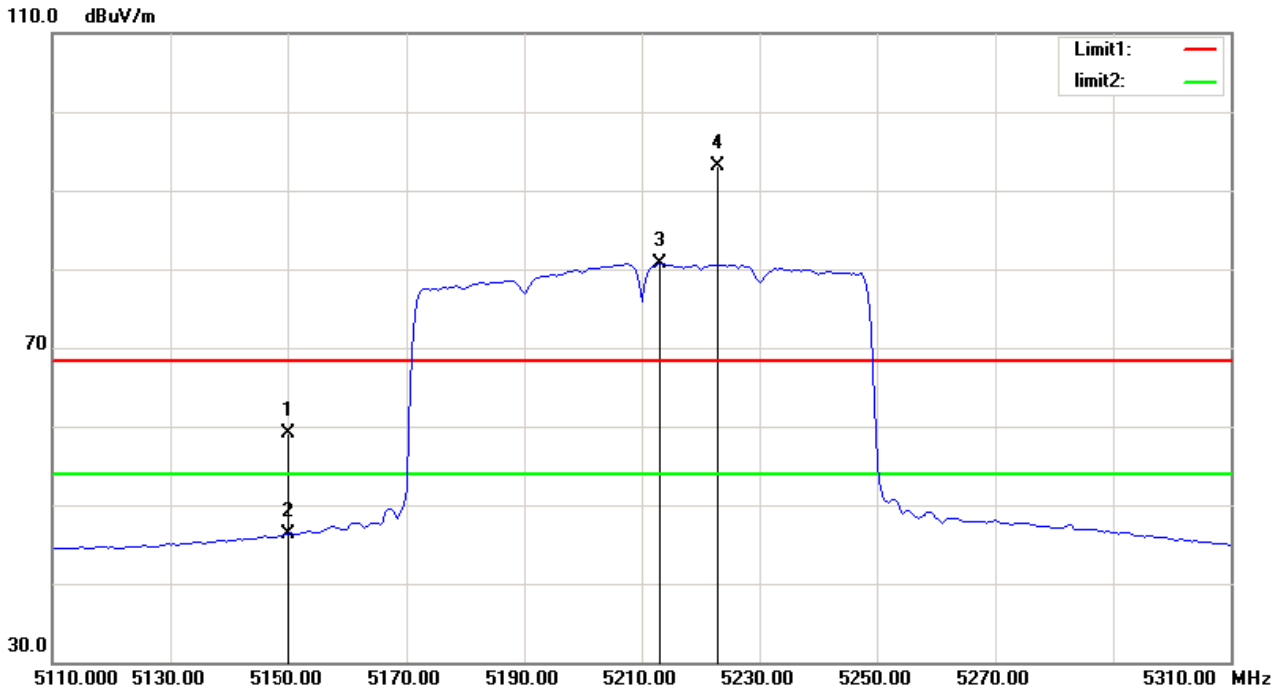
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5672.250	51.38	35.86	87.24	/	/	AVG
2	5673.000	63.11	35.86	98.97	/	/	peak
3	5725.000	19.58	35.84	55.42	68.30	-12.88	peak
4	5725.000	9.69	35.84	45.53	54.00	-8.47	AVG

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

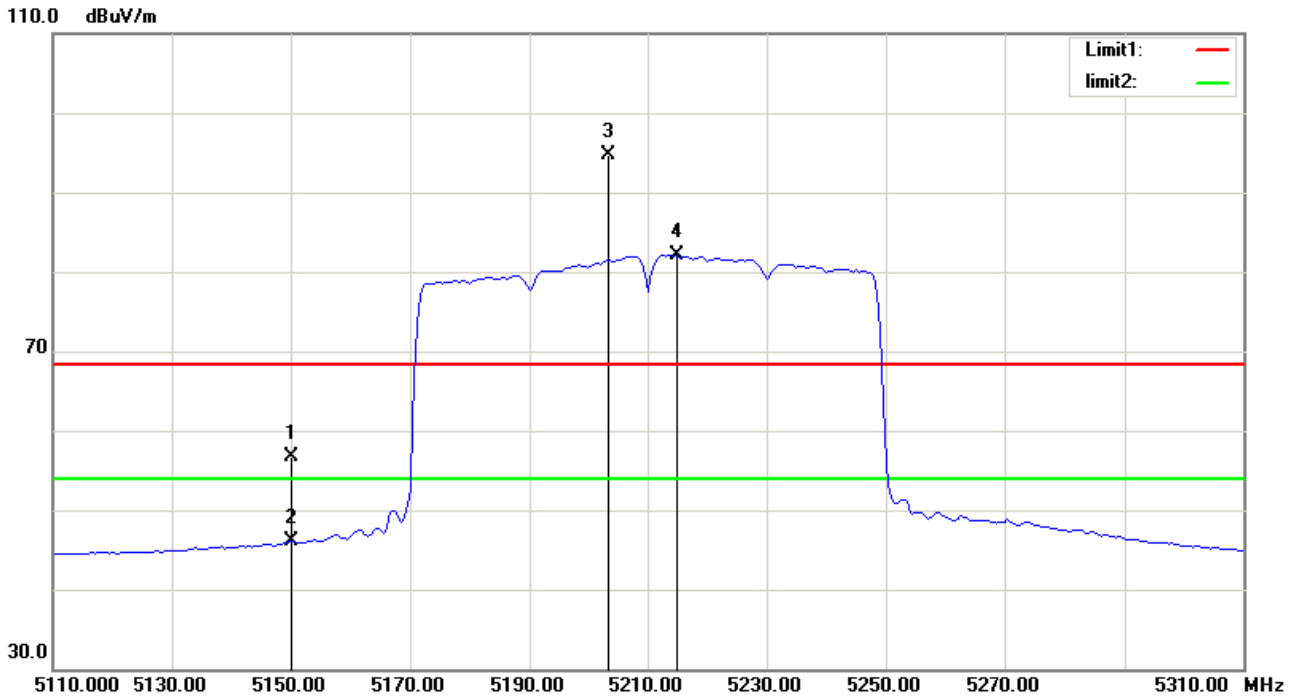
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	24.16	34.94	59.10	68.30	-9.20	peak
2	5150.000	11.38	34.94	46.32	54.00	-7.68	AVG
3	5213.000	45.52	35.12	80.64	/	/	AVG
4	5223.000	57.89	35.15	93.04	/	/	peak

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

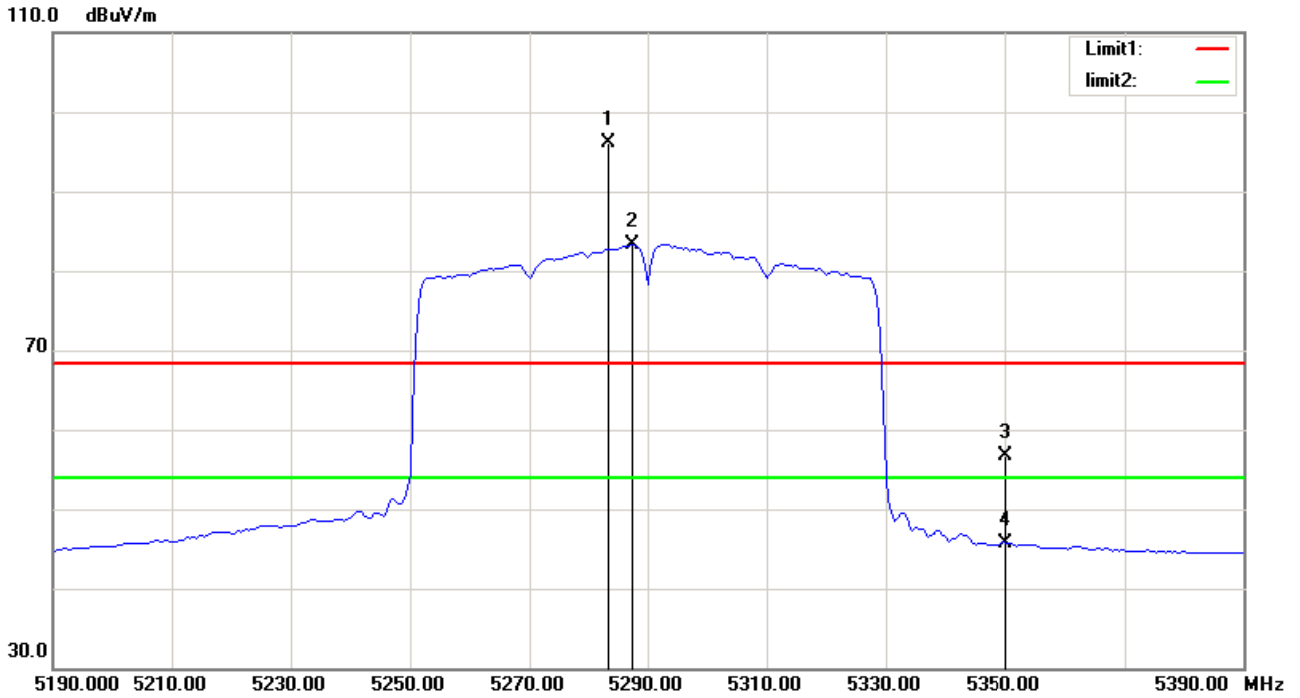
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.81	34.94	56.75	68.30	-11.55	peak
2	5150.000	11.07	34.94	46.01	54.00	-7.99	AVG
3	5203.500	59.70	35.09	94.79	/	/	peak
4	5215.000	47.04	35.13	82.17	/	/	AVG

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

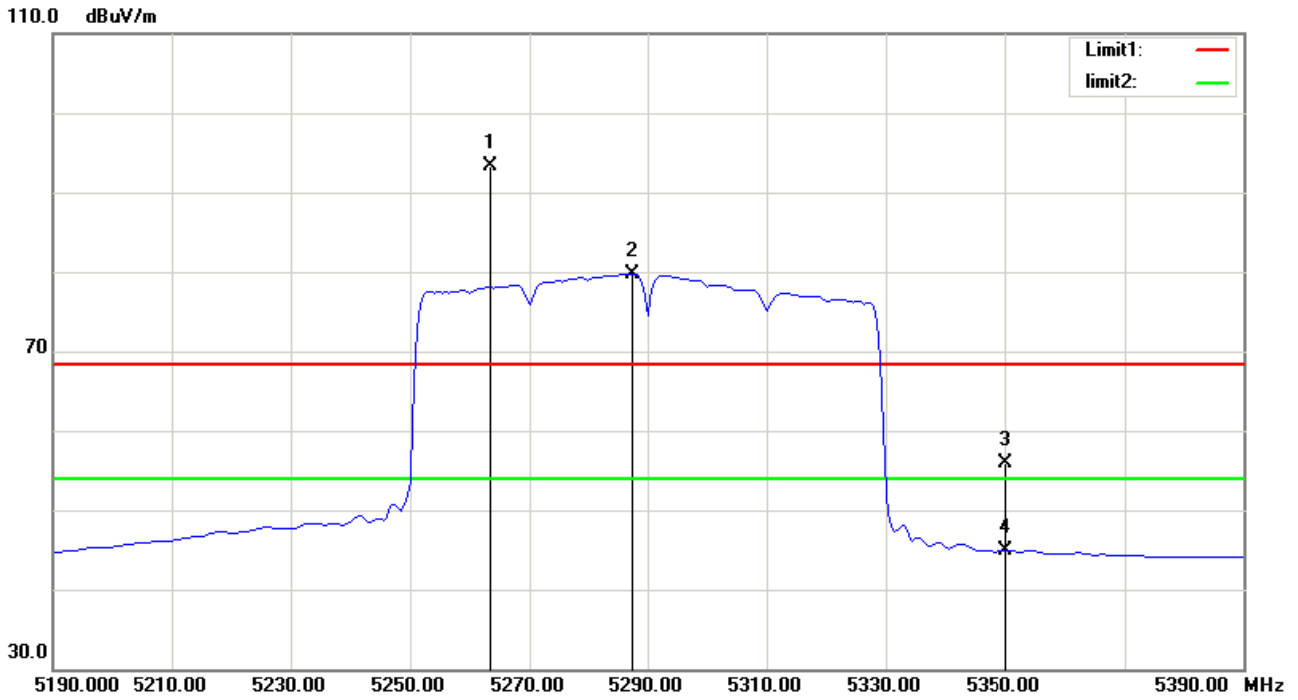
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5283.500	60.81	35.32	96.13	/	/	peak
2	5287.500	47.89	35.33	83.22	/	/	AVG
3	5350.000	21.22	35.50	56.72	68.30	-11.58	peak
4	5350.000	10.19	35.50	45.69	54.00	-8.31	AVG

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

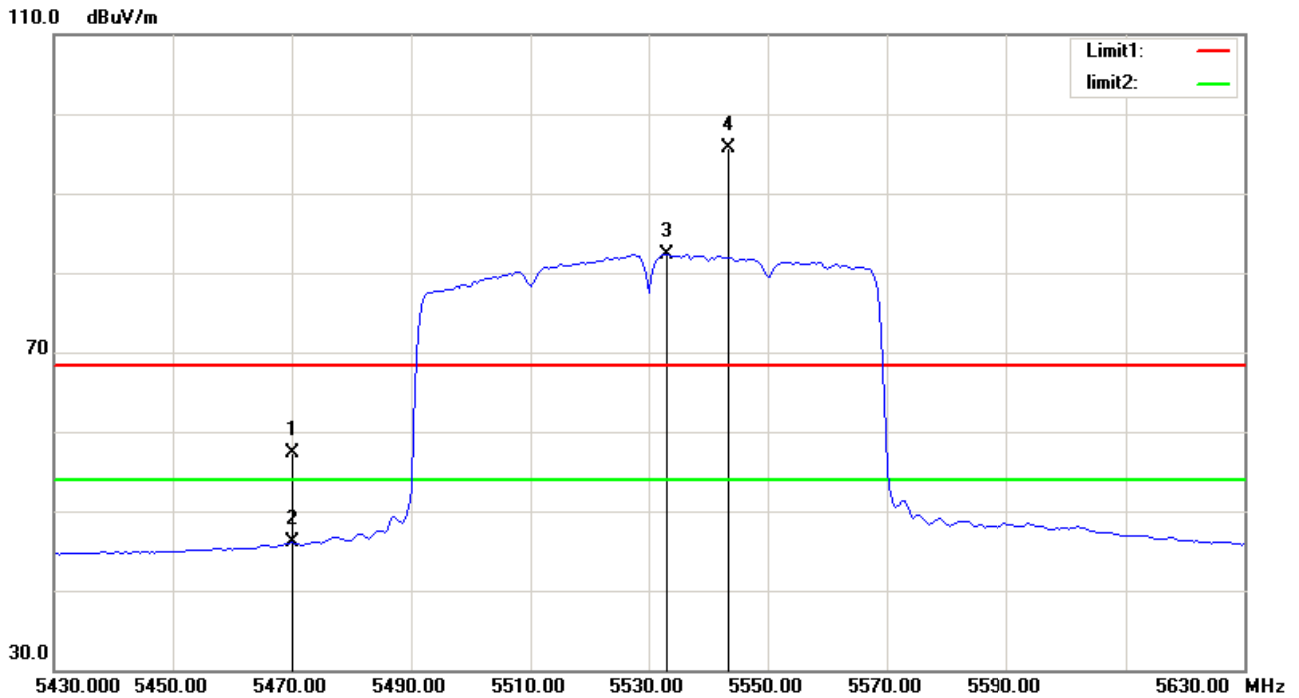
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5263.500	58.10	35.26	93.36	/	/	peak
2	5287.500	44.46	35.33	79.79	/	/	AVG
3	5350.000	20.38	35.50	55.88	68.30	-12.42	peak
4	5350.000	9.46	35.50	44.96	54.00	-9.04	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

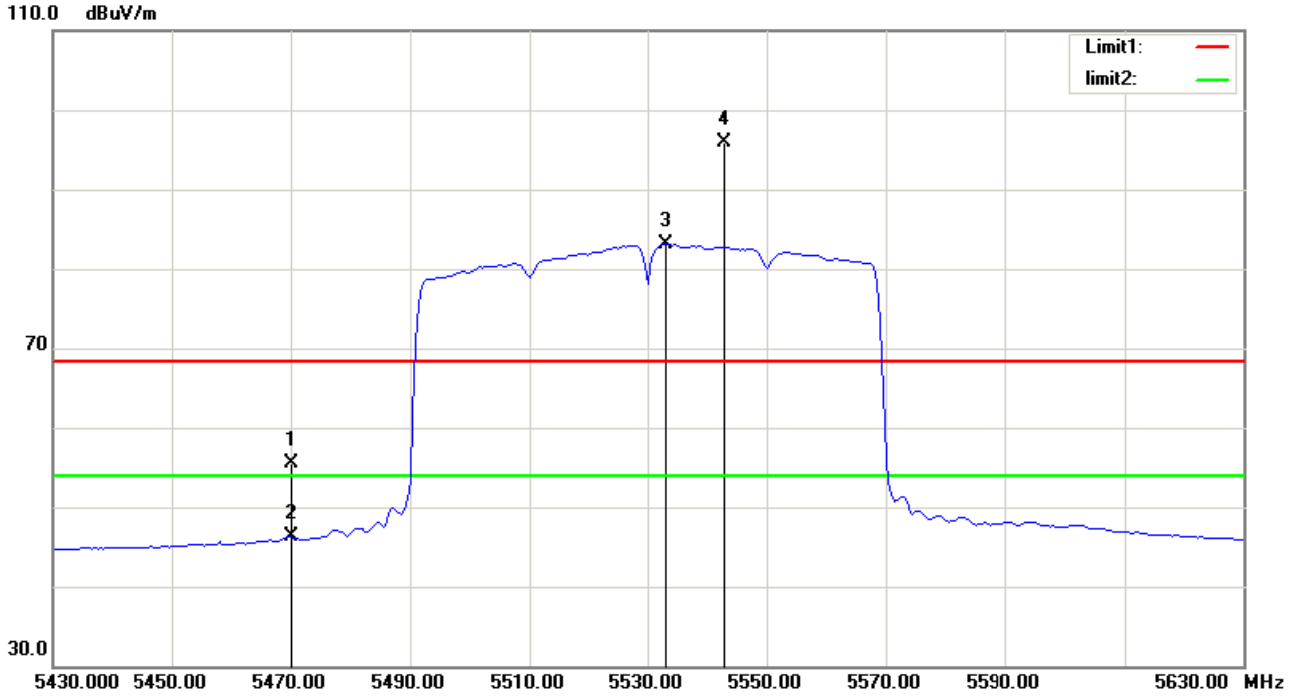
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	21.39	35.84	57.23	68.30	-11.07	peak
2	5470.000	10.28	35.84	46.12	54.00	-7.88	AVG
3	5533.000	46.38	35.91	82.29	/	/	AVG
4	5543.500	59.71	35.91	95.62	/	/	peak

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

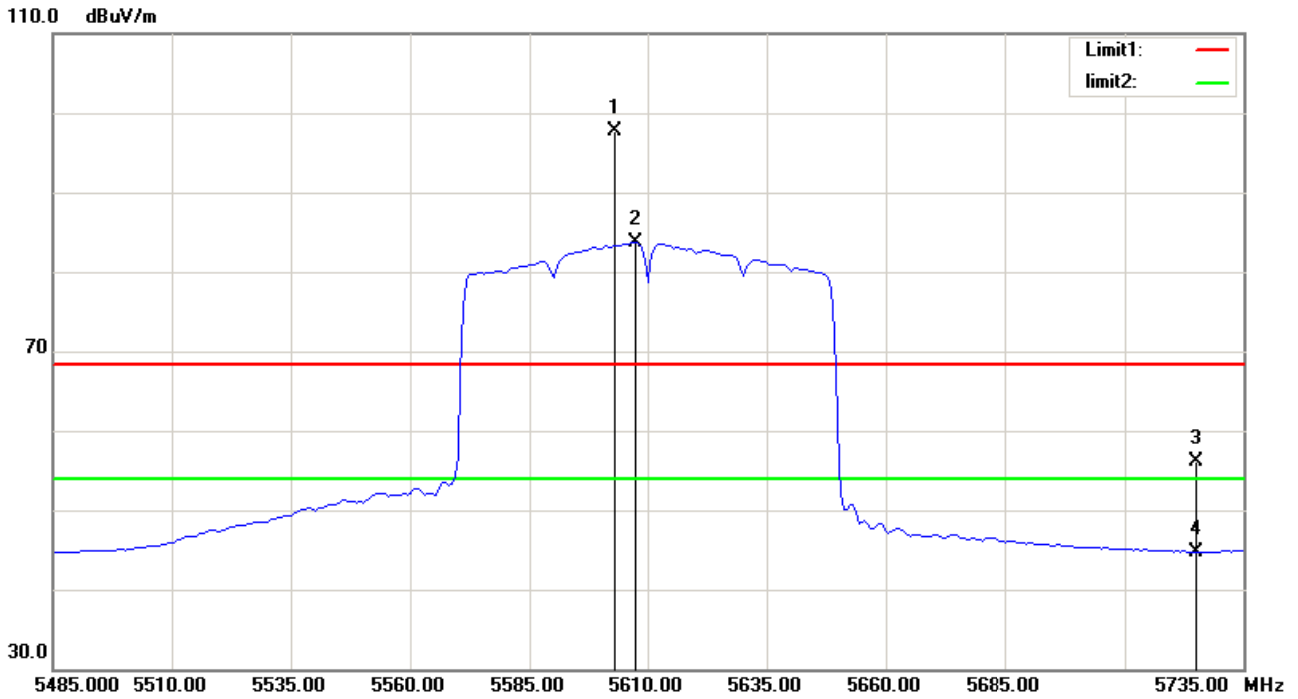
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5470.000	19.69	35.84	55.53	68.30	-12.77	peak
2	5470.000	10.41	35.84	46.25	54.00	-7.75	AVG
3	5533.000	47.16	35.91	83.07	/	/	AVG
4	5543.000	59.92	35.91	95.83	/	/	peak

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5610 MHz

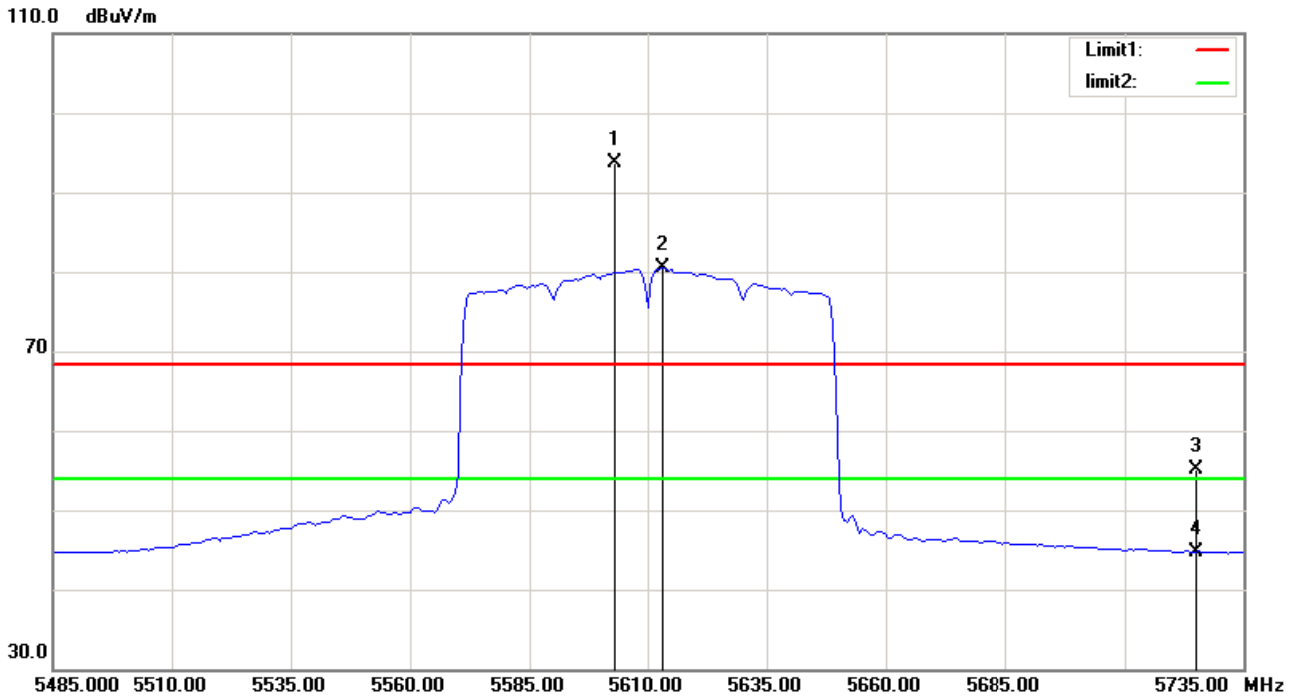
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5603.125	61.85	35.89	97.74	/	/	peak
2	5607.500	47.87	35.88	83.75	/	/	AVG
3	5725.000	20.25	35.84	56.09	68.30	-12.21	peak
4	5725.000	8.96	35.84	44.80	54.00	-9.20	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5610 MHz

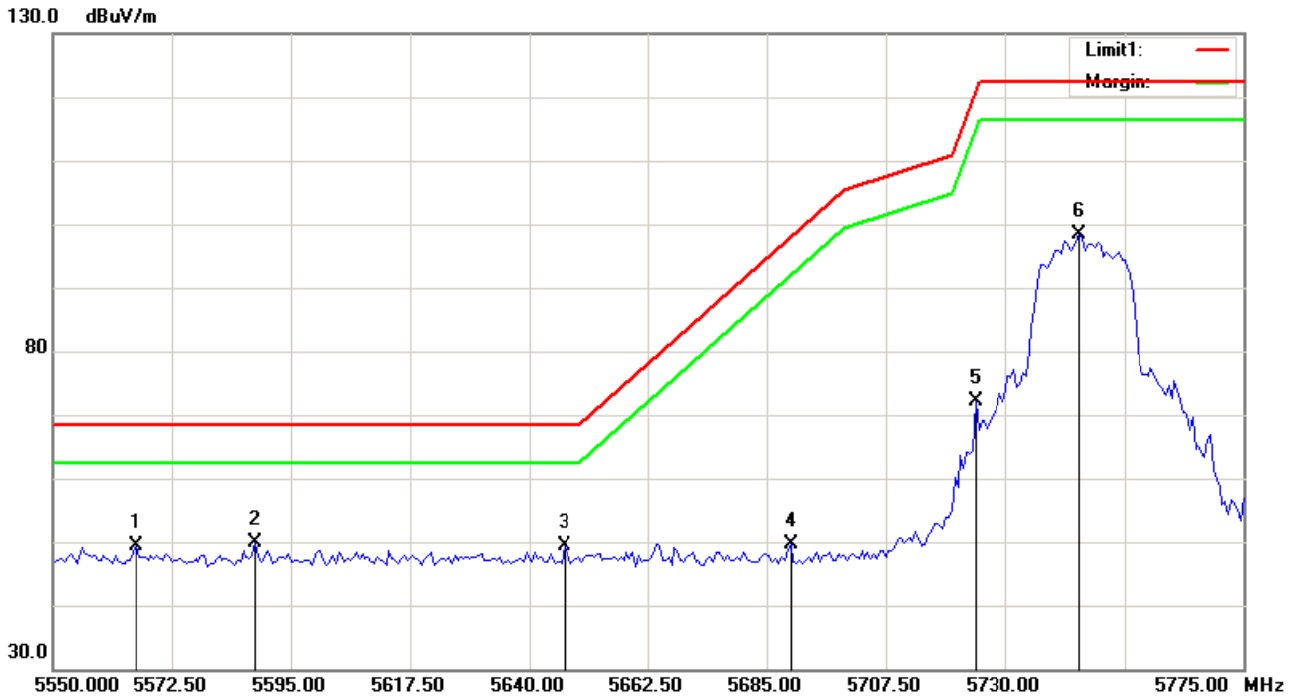
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5603.125	57.86	35.89	93.75	/	/	peak
2	5613.125	44.52	35.88	80.40	/	/	AVG
3	5725.000	19.29	35.84	55.13	68.30	-13.17	peak
4	5725.000	8.94	35.84	44.78	54.00	-9.22	AVG

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

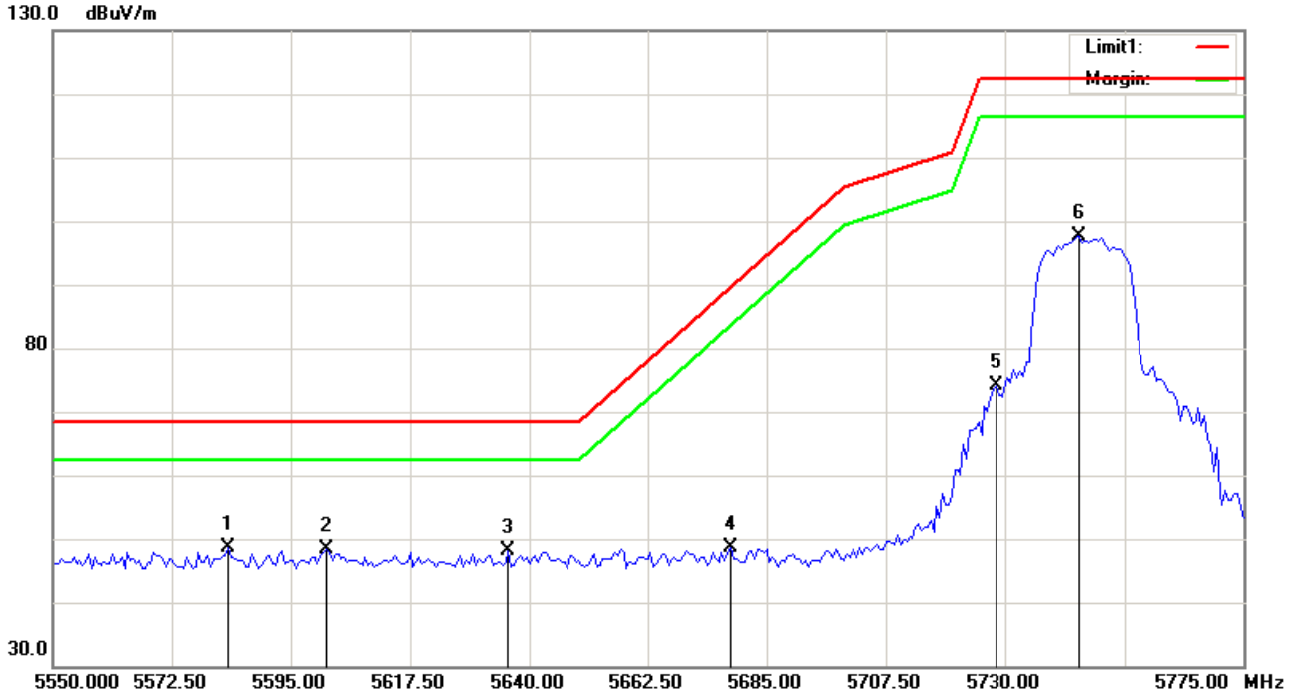
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5565.750	53.73	-4.47	49.26	68.30	-19.04	peak
2	5588.250	54.19	-4.43	49.76	68.30	-18.54	peak
3	5646.750	53.84	-4.34	49.50	68.30	-18.80	peak
4	5689.500	53.87	-4.27	49.60	97.53	-47.93	peak
5	5724.375	76.27	-4.21	72.06	120.87	-48.81	peak
6	5744.063	102.48	-4.18	98.30	122.30	-24.00	peak

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

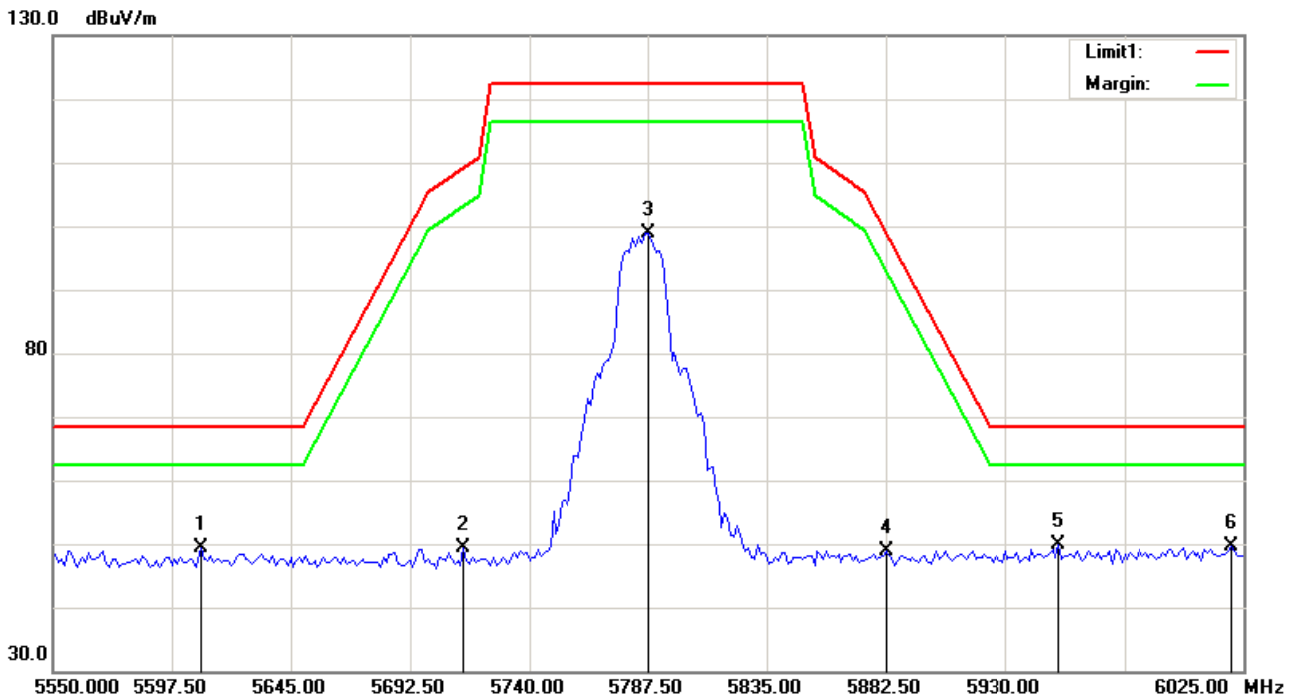
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5583.188	53.14	-4.44	48.70	68.30	-19.60	peak
2	5601.750	52.71	-4.41	48.30	68.30	-20.00	peak
3	5636.063	52.42	-4.36	48.06	68.30	-20.24	peak
4	5678.250	52.83	-4.28	48.55	89.20	-40.65	peak
5	5728.313	78.42	-4.20	74.22	122.30	-48.08	peak
6	5744.063	101.87	-4.18	97.69	122.30	-24.61	peak

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

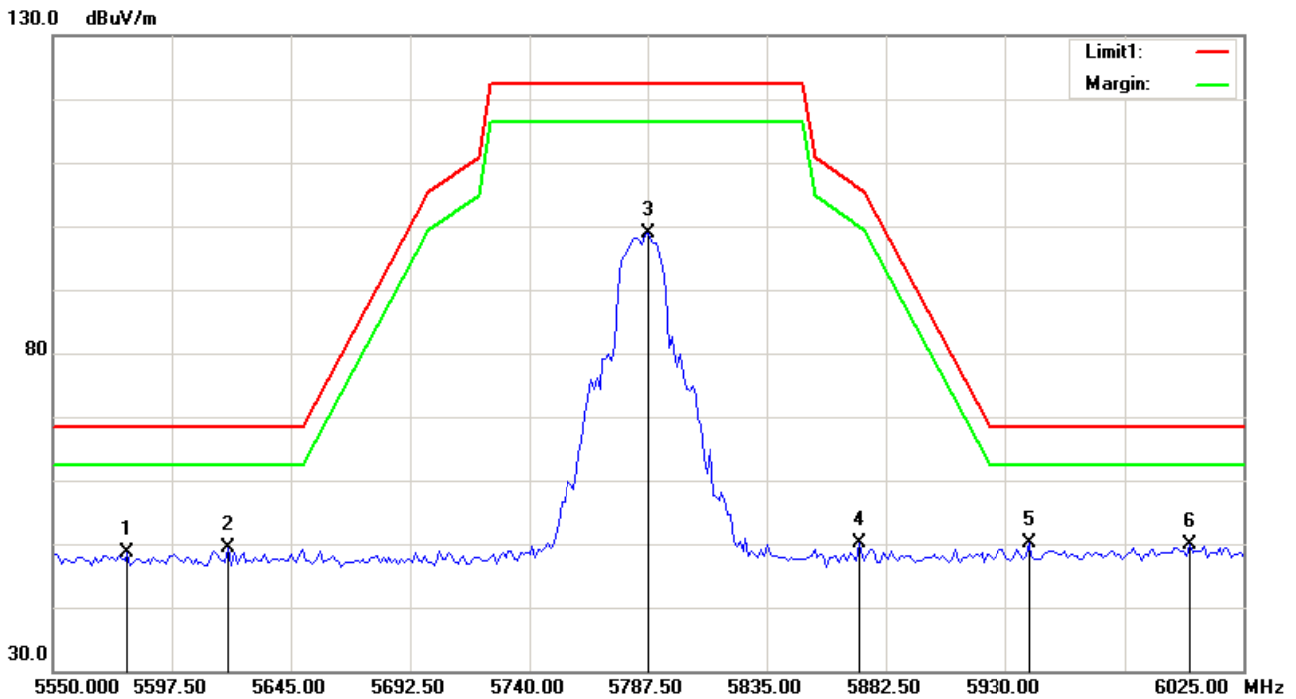
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5609.375	53.89	-4.40	49.49	68.30	-18.81	peak
2	5713.875	53.69	-4.23	49.46	109.18	-59.72	peak
3	5787.500	103.08	-4.11	98.97	122.30	-23.33	peak
4	5882.500	52.95	-3.96	48.99	99.75	-50.76	peak
5	5951.375	53.66	-3.85	49.81	68.30	-18.49	peak
6	6020.250	53.28	-3.66	49.62	68.30	-18.68	peak

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

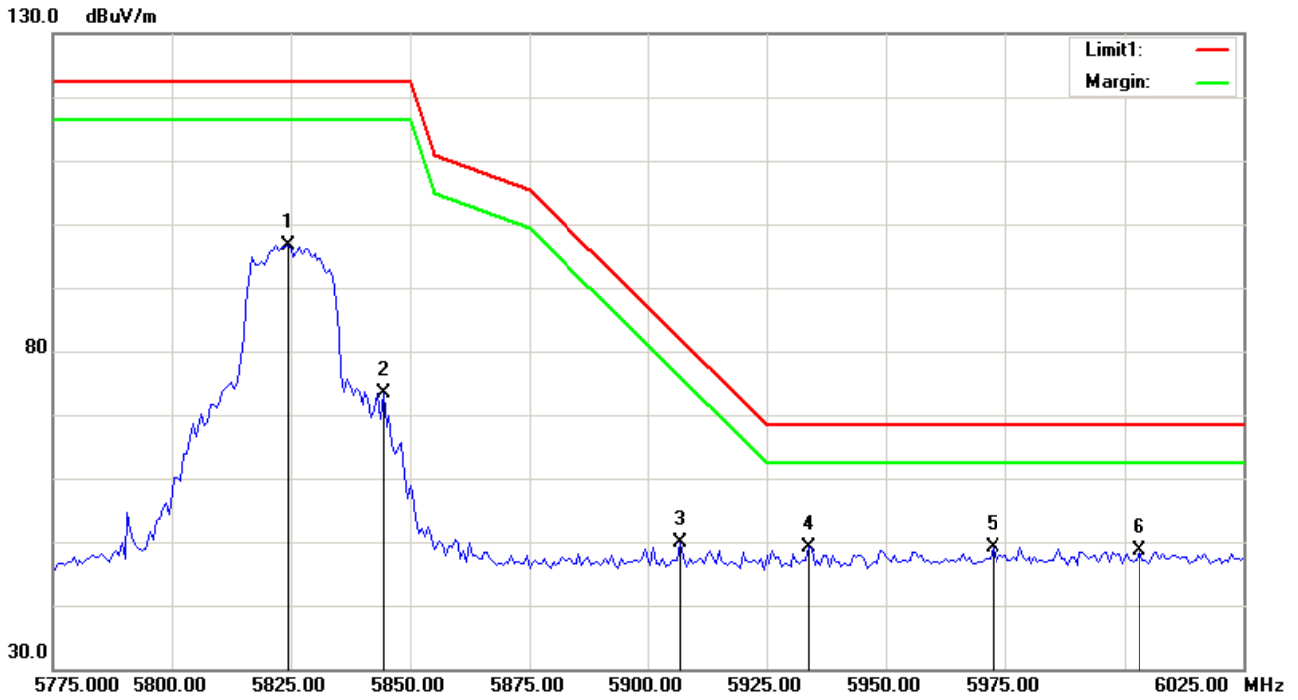
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5579.688	52.95	-4.44	48.51	68.30	-19.79	peak
2	5620.063	53.83	-4.39	49.44	68.30	-18.86	peak
3	5787.500	102.96	-4.11	98.85	122.30	-23.45	peak
4	5871.813	54.11	-3.98	50.13	106.19	-56.06	peak
5	5939.500	53.87	-3.86	50.01	68.30	-18.29	peak
6	6003.625	53.55	-3.75	49.80	68.30	-18.50	peak

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

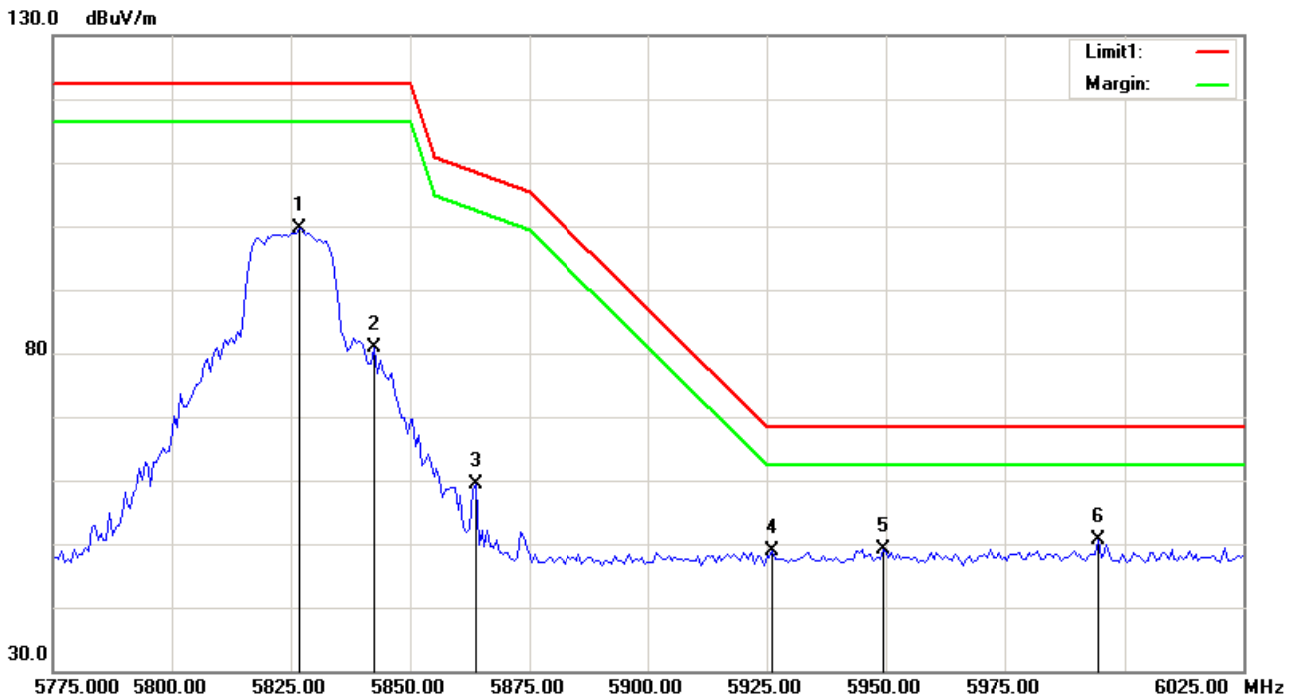
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5824.375	100.59	-4.05	96.54	122.30	-25.76	peak
2	5844.375	77.33	-4.02	73.31	122.30	-48.99	peak
3	5906.875	53.81	-3.93	49.88	81.71	-31.83	peak
4	5933.750	53.01	-3.88	49.13	68.30	-19.17	peak
5	5972.500	53.04	-3.81	49.23	68.30	-19.07	peak
6	6003.125	52.46	-3.76	48.70	68.30	-19.60	peak

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

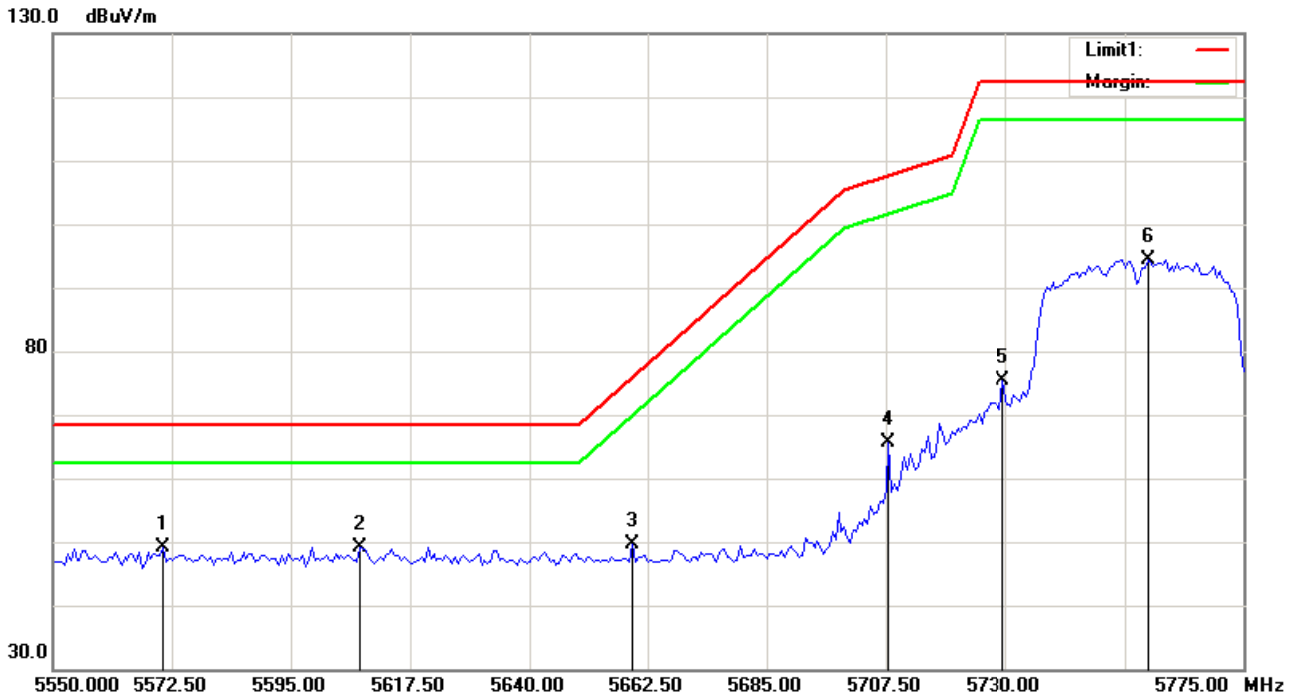
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.875	103.76	-4.05	99.71	122.30	-22.59	peak
2	5842.500	84.99	-4.01	80.98	122.30	-41.32	peak
3	5863.750	63.40	-3.99	59.41	108.45	-49.04	peak
4	5926.250	52.66	-3.89	48.77	68.30	-19.53	peak
5	5949.375	53.08	-3.85	49.23	68.30	-19.07	peak
6	5994.375	54.36	-3.78	50.58	68.30	-17.72	peak

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

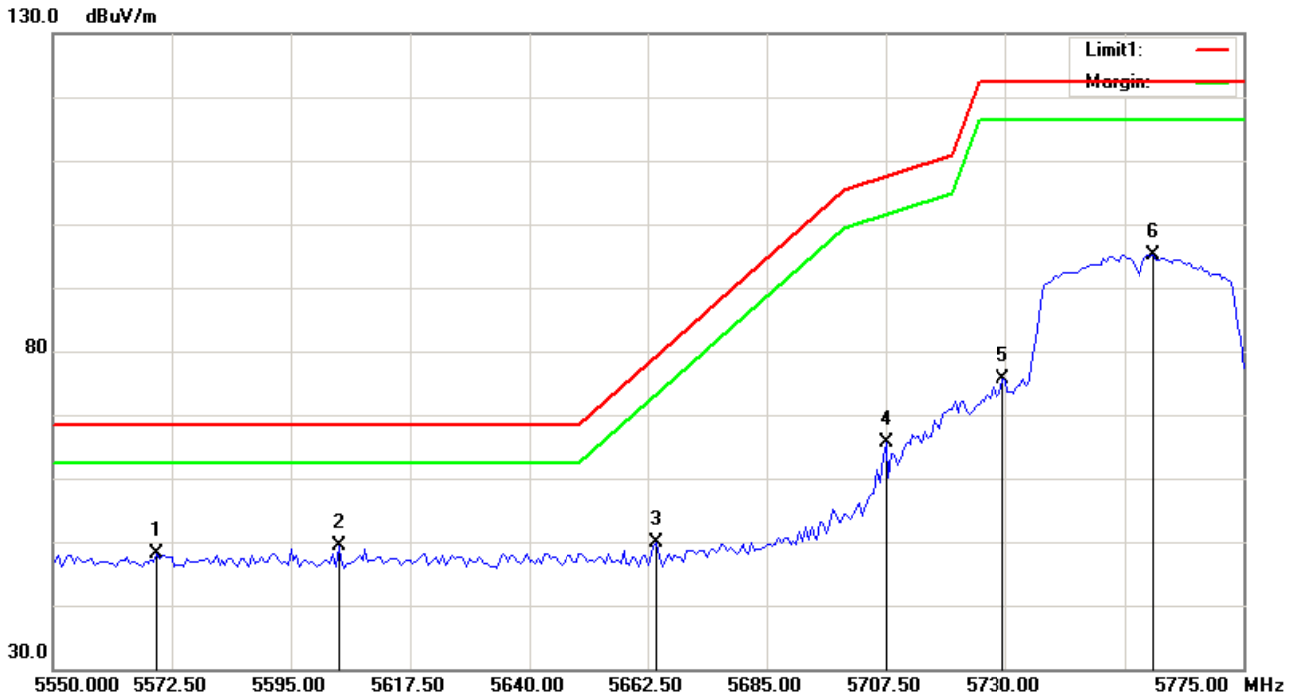
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5570.813	53.55	-4.47	49.08	68.30	-19.22	peak
2	5607.938	53.55	-4.40	49.15	68.30	-19.15	peak
3	5659.688	53.86	-4.32	49.54	75.47	-25.93	peak
4	5708.063	69.85	-4.24	65.61	107.56	-41.95	peak
5	5729.438	79.63	-4.20	75.43	122.30	-46.87	peak
6	5757.000	98.53	-4.17	94.36	122.30	-27.94	peak

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

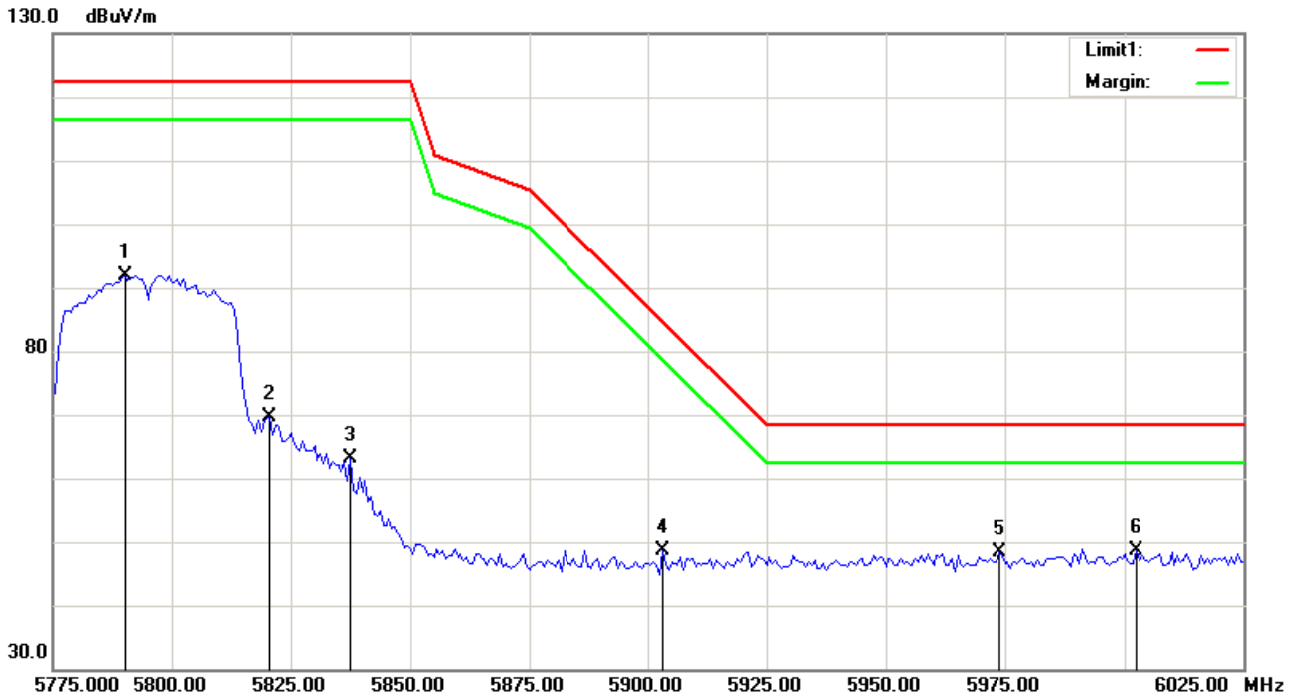
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5569.688	52.68	-4.47	48.21	68.30	-20.09	peak
2	5604.000	53.72	-4.40	49.32	68.30	-18.98	peak
3	5664.188	54.15	-4.31	49.84	78.80	-28.96	peak
4	5707.500	69.77	-4.25	65.52	107.40	-41.88	peak
5	5729.438	79.94	-4.20	75.74	122.30	-46.56	peak
6	5758.125	99.35	-4.16	95.19	122.30	-27.11	peak

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

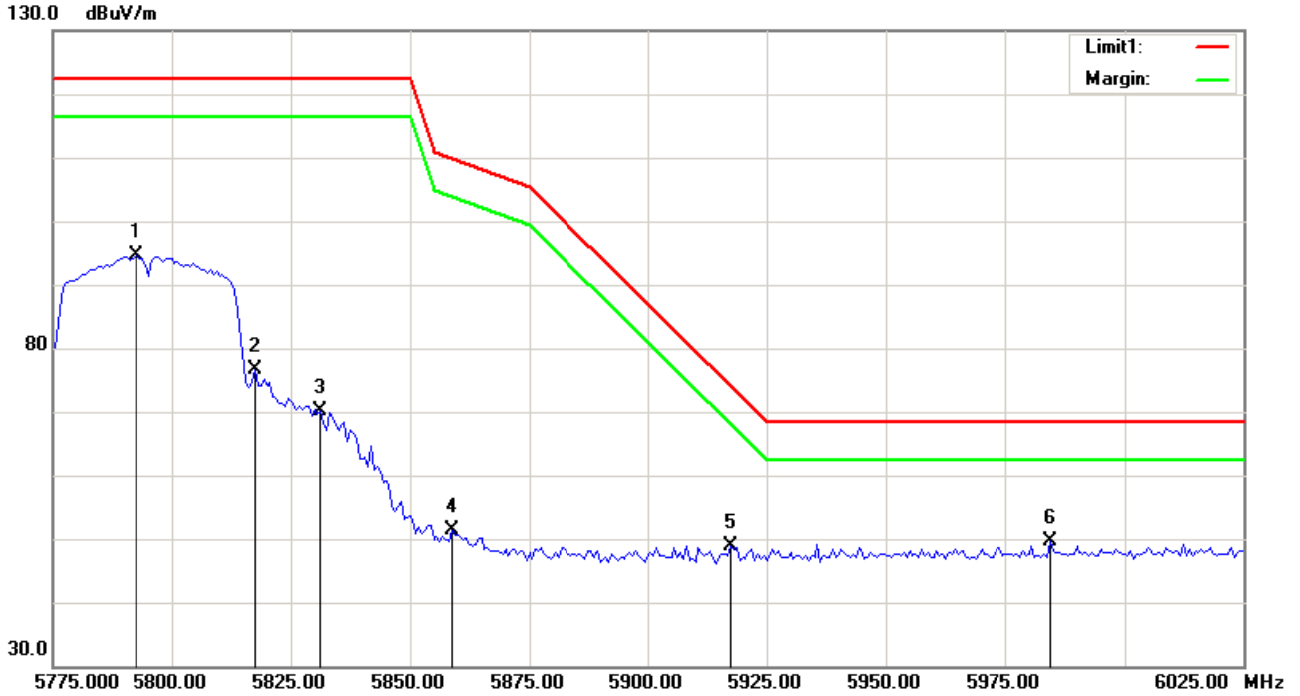
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5790.000	96.09	-4.11	91.98	122.30	-30.32	peak
2	5820.625	73.58	-4.06	69.52	122.30	-52.78	peak
3	5837.500	67.29	-4.04	63.25	122.30	-59.05	peak
4	5903.125	52.51	-3.92	48.59	84.49	-35.90	peak
5	5973.750	52.11	-3.81	48.30	68.30	-20.00	peak
6	6002.500	52.38	-3.76	48.62	68.30	-19.68	peak

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

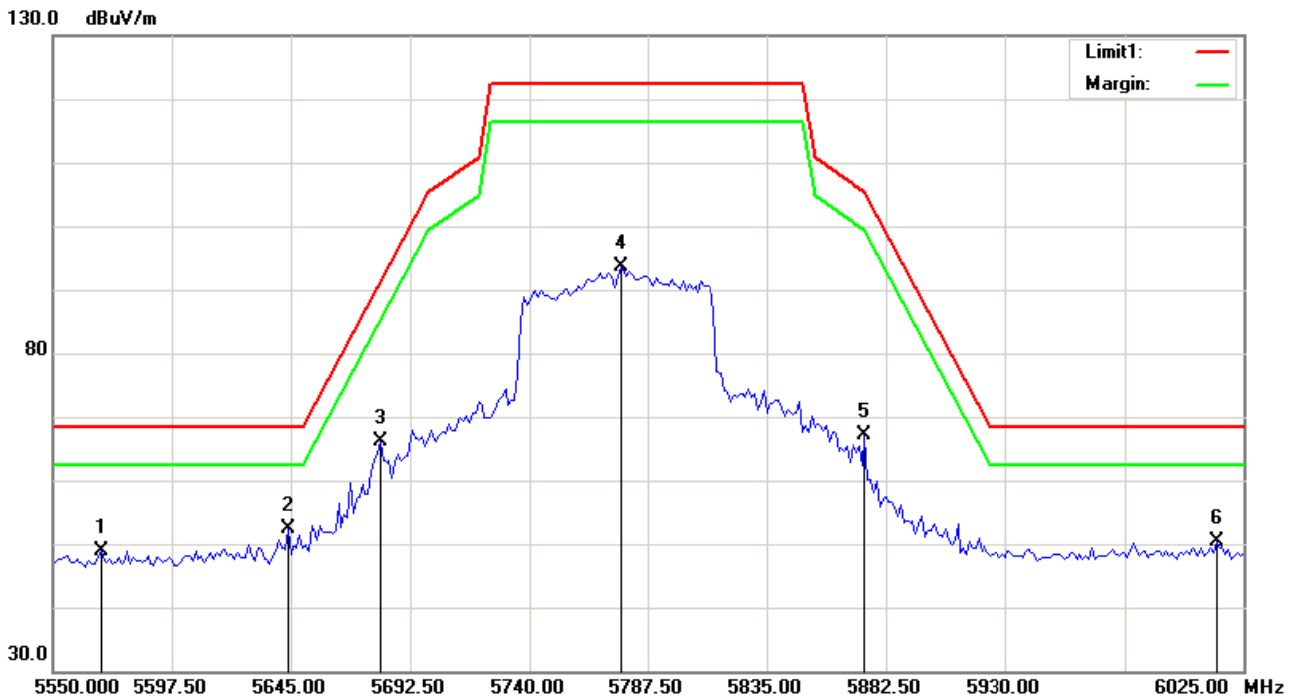
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5792.500	98.73	-4.10	94.63	122.30	-27.67	peak
2	5817.500	80.68	-4.06	76.62	122.30	-45.68	peak
3	5831.250	74.20	-4.05	70.15	122.30	-52.15	peak
4	5858.750	55.30	-4.00	51.30	109.85	-58.55	peak
5	5917.500	52.71	-3.89	48.82	73.85	-25.03	peak
6	5984.375	53.40	-3.80	49.60	68.30	-18.70	peak

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

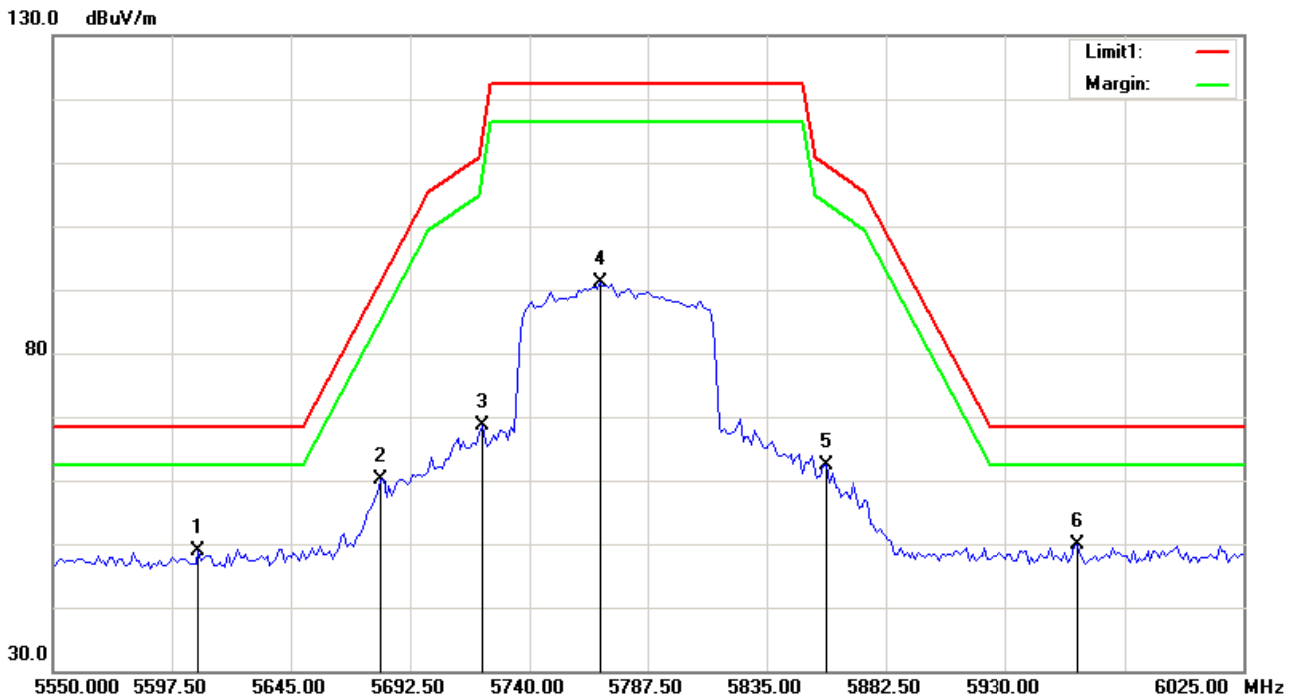
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5569.000	53.45	-4.47	48.98	68.30	-19.32	peak
2	5643.813	56.74	-4.35	52.39	68.30	-15.91	peak
3	5680.625	70.40	-4.28	66.12	90.96	-24.84	peak
4	5776.813	97.83	-4.13	93.70	122.30	-28.60	peak
5	5874.188	71.22	-3.97	67.25	105.53	-38.28	peak
6	6014.313	54.15	-3.70	50.45	68.30	-17.85	peak

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

Horizontal

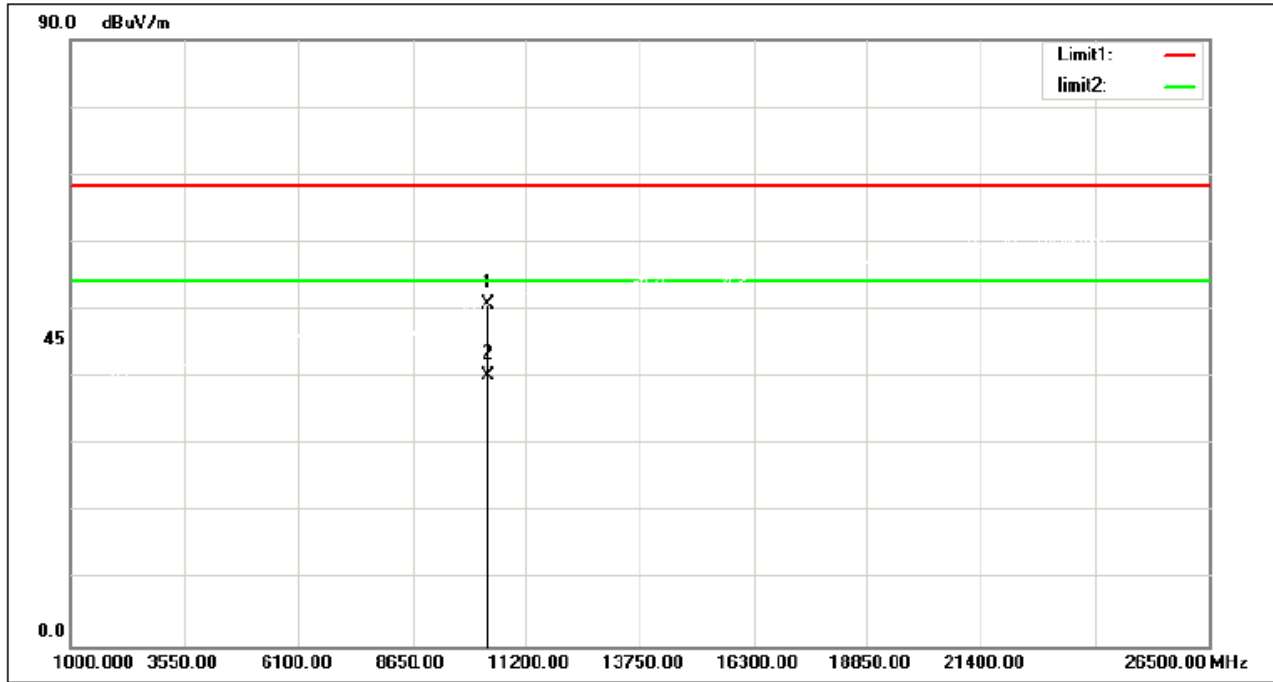


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.188	53.22	-4.40	48.82	68.30	-19.48	peak
2	5680.625	64.38	-4.28	60.10	90.96	-30.86	peak
3	5721.000	72.85	-4.22	68.63	113.18	-44.55	peak
4	5768.500	95.15	-4.13	91.02	122.30	-31.28	peak
5	5858.750	66.34	-4.00	62.34	109.85	-47.51	peak
6	5958.500	53.82	-3.84	49.98	68.30	-18.32	peak

5.9 TEST RESULTS - ABOVE 1000 MHz (HARMONIC)

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

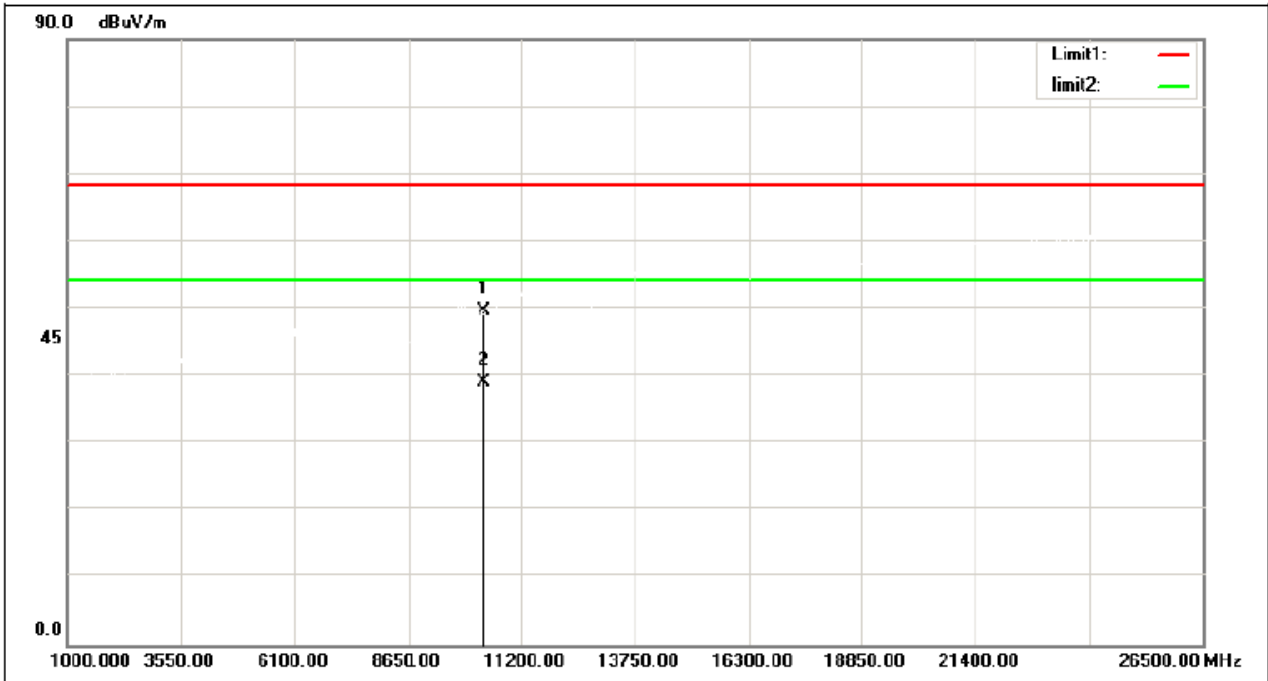
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.43	6.22	50.65	68.30	-17.65	peak
2	10360.000	33.90	6.22	40.12	54.00	-13.88	AVG

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

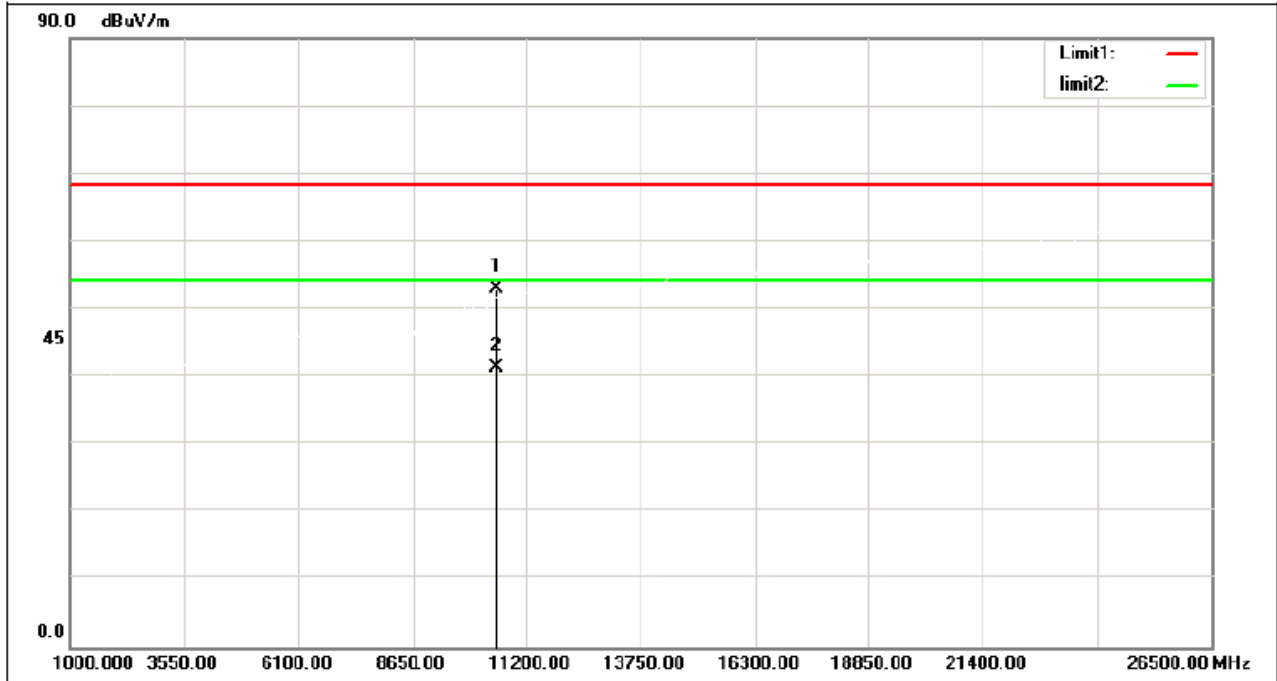
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	43.44	6.22	49.66	68.30	-18.64	peak
2	10360.000	32.84	6.22	39.06	54.00	-14.94	AVG

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

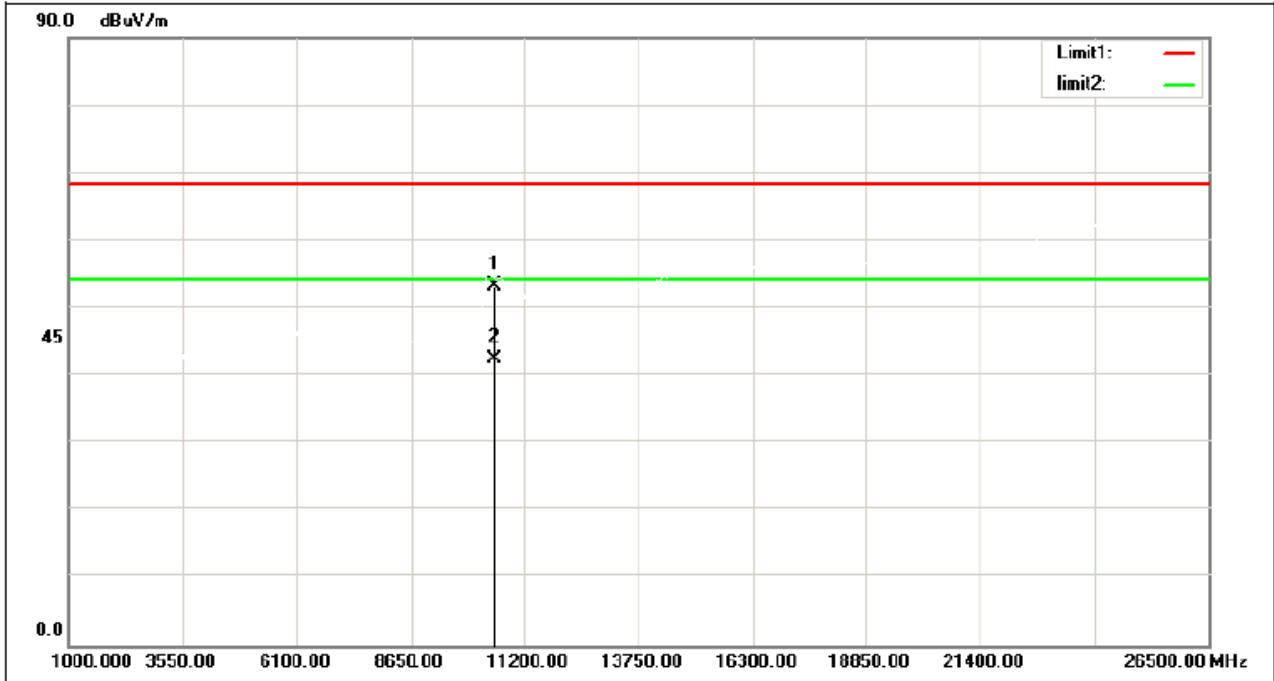
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	46.15	6.74	52.89	68.30	-15.41	peak
2	10520.000	34.64	6.74	41.38	54.00	-12.62	AVG

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

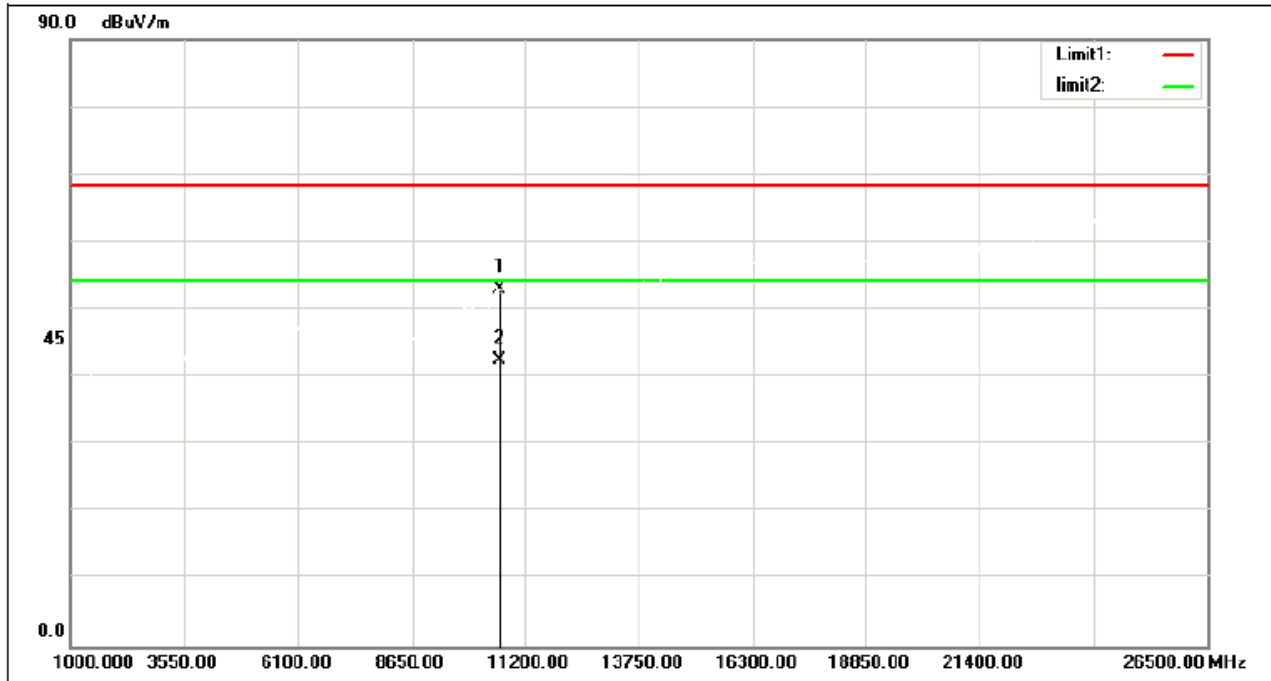
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	46.39	6.74	53.13	68.30	-15.17	peak
2	10520.000	35.65	6.74	42.39	54.00	-11.61	AVG

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

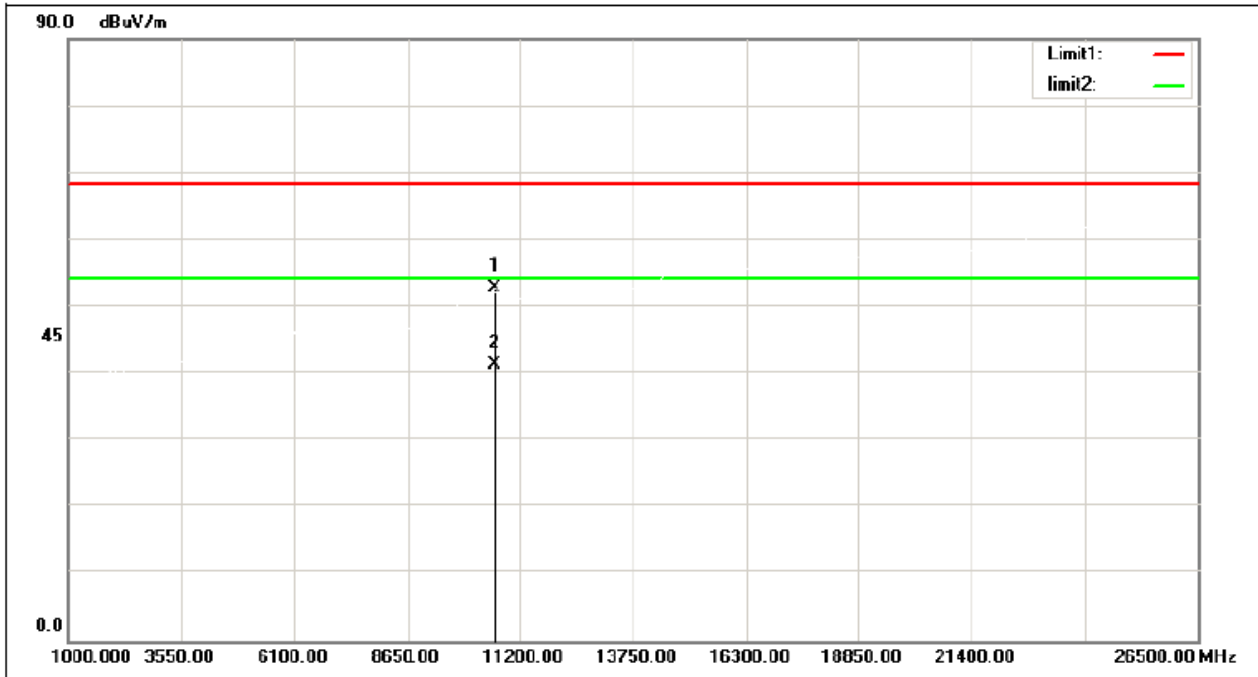
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	45.89	7.13	53.02	68.30	-15.28	peak
2	10640.000	35.28	7.13	42.41	54.00	-11.59	AVG

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

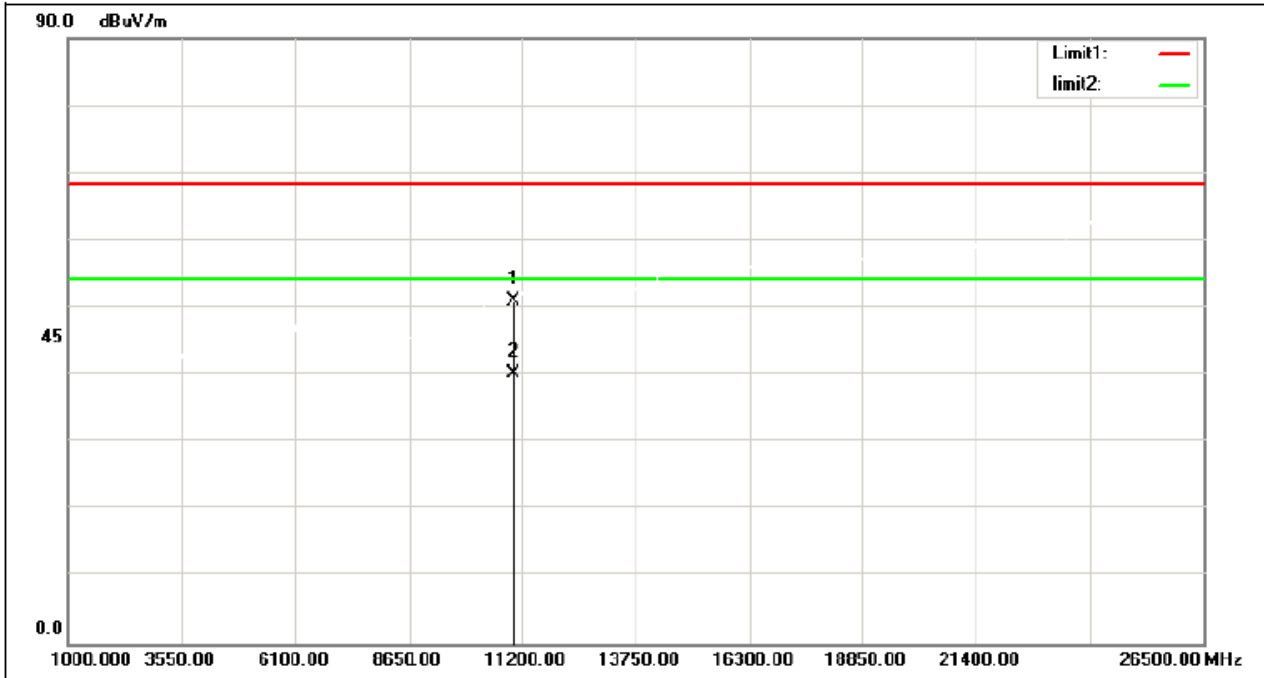
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	45.71	7.13	52.84	68.30	-15.46	peak
2	10640.000	34.26	7.13	41.39	54.00	-12.61	AVG

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

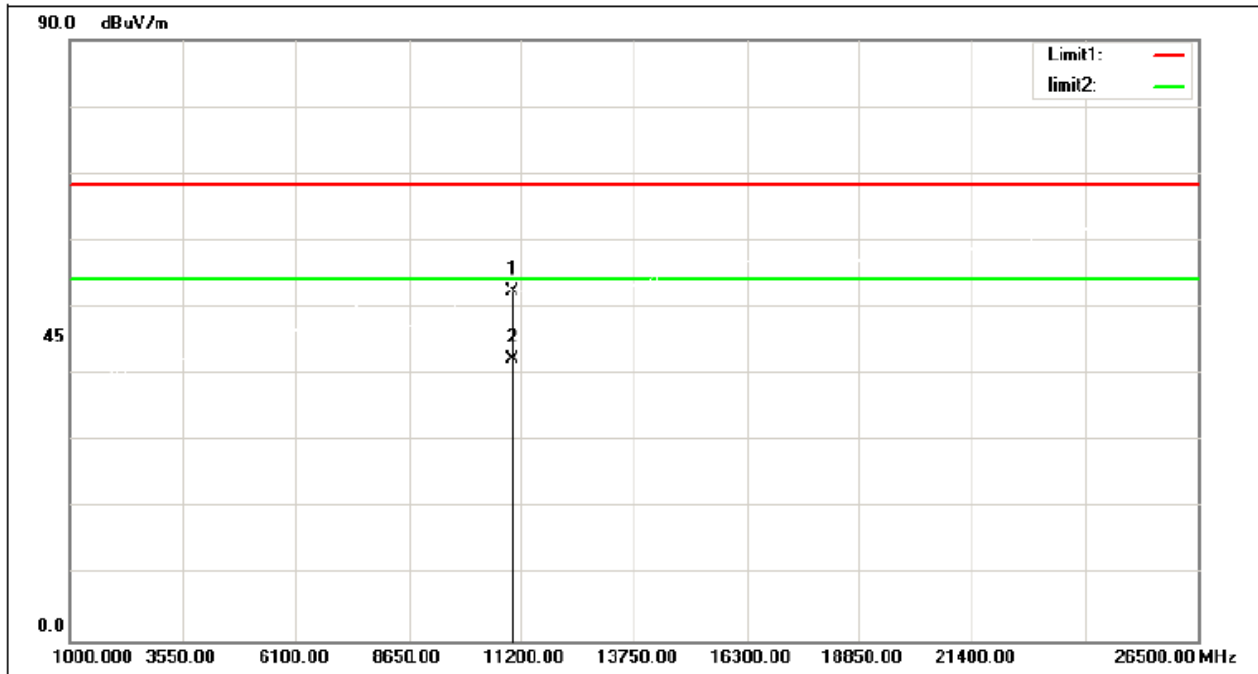
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	42.54	8.32	50.86	68.30	-17.44	peak
2	11000.000	31.85	8.32	40.17	54.00	-13.83	AVG

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

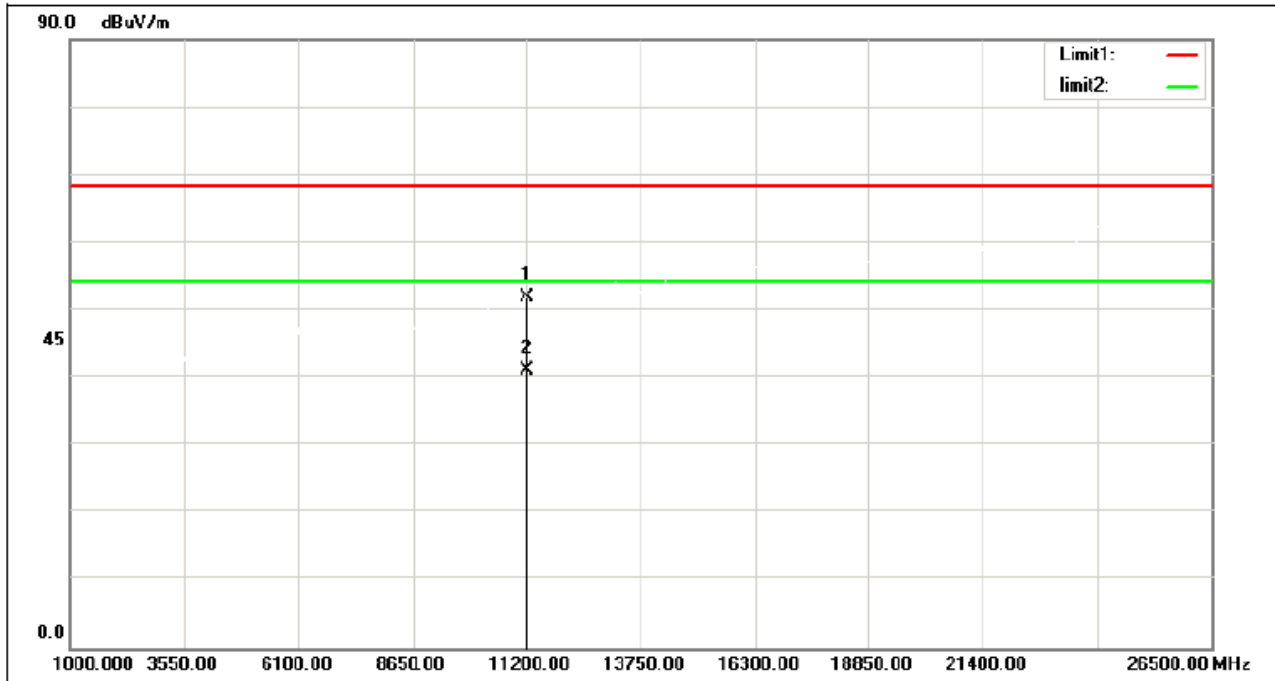
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	43.89	8.32	52.21	68.30	-16.09	peak
2	11000.000	33.87	8.32	42.19	54.00	-11.81	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5600 MHz

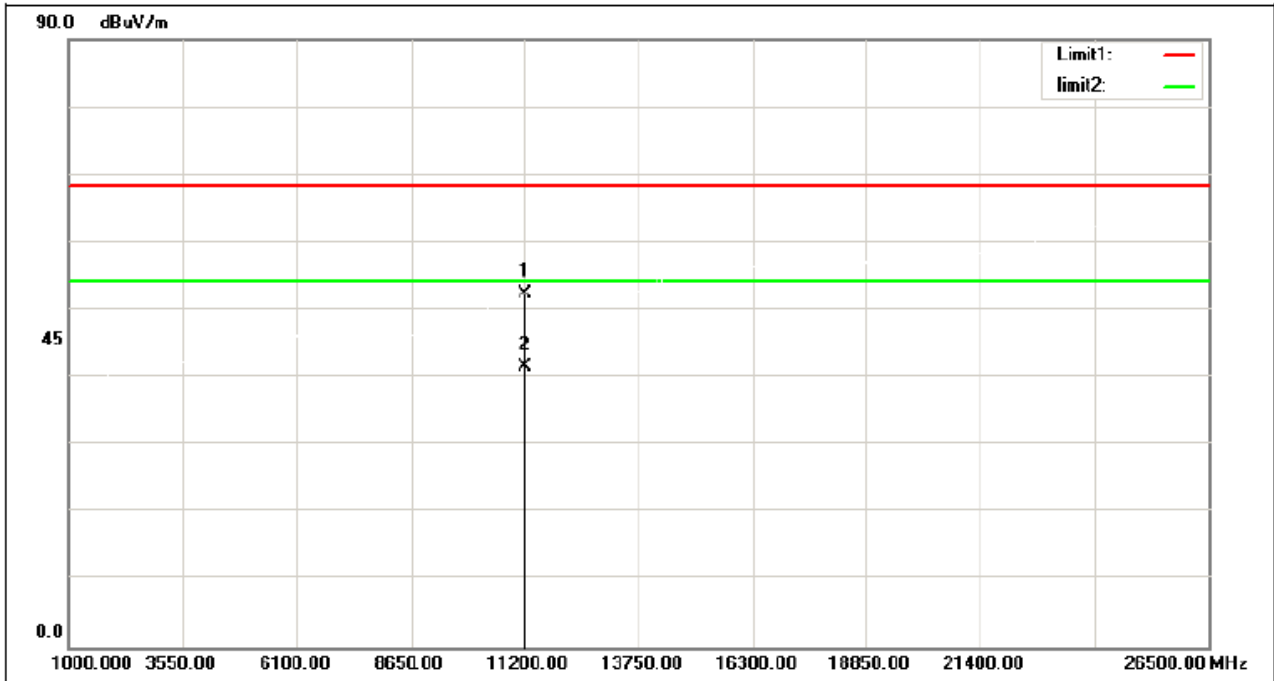
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	43.63	8.21	51.84	68.30	-16.46	peak
2	11200.000	32.85	8.21	41.06	54.00	-12.94	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX A Mode 5600 MHz

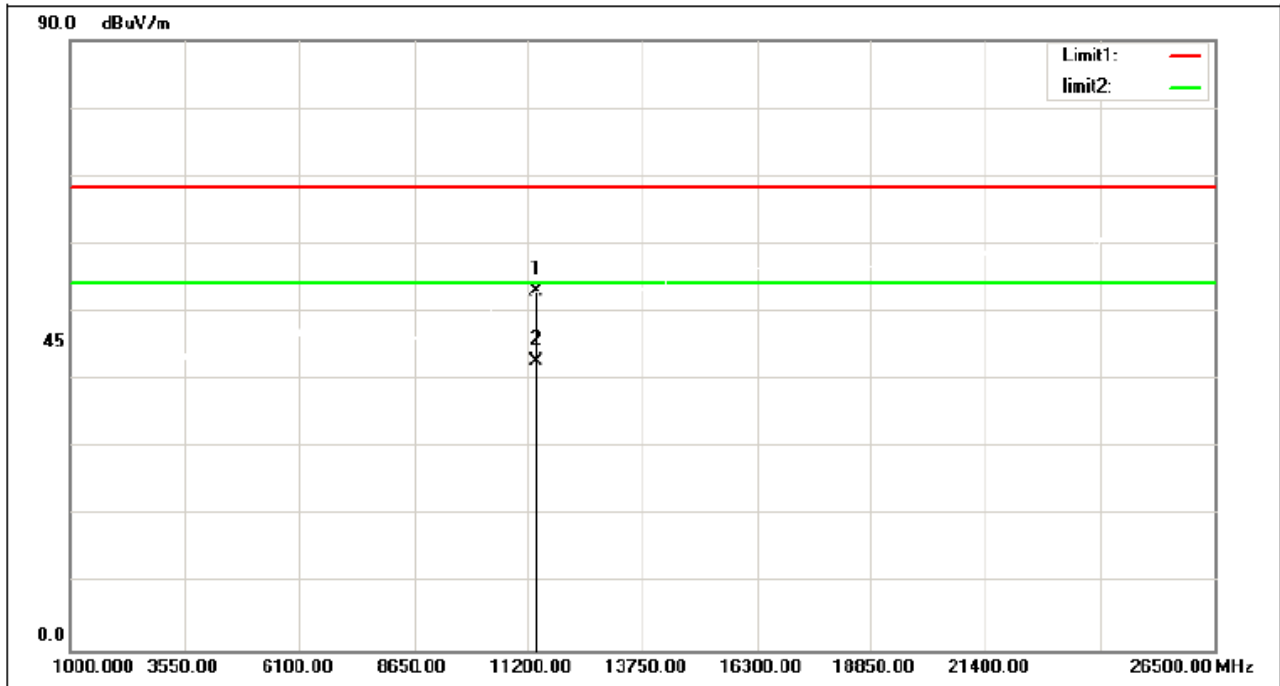
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	44.05	8.21	52.26	68.30	-16.04	peak
2	11200.000	33.33	8.21	41.54	54.00	-12.46	AVG

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

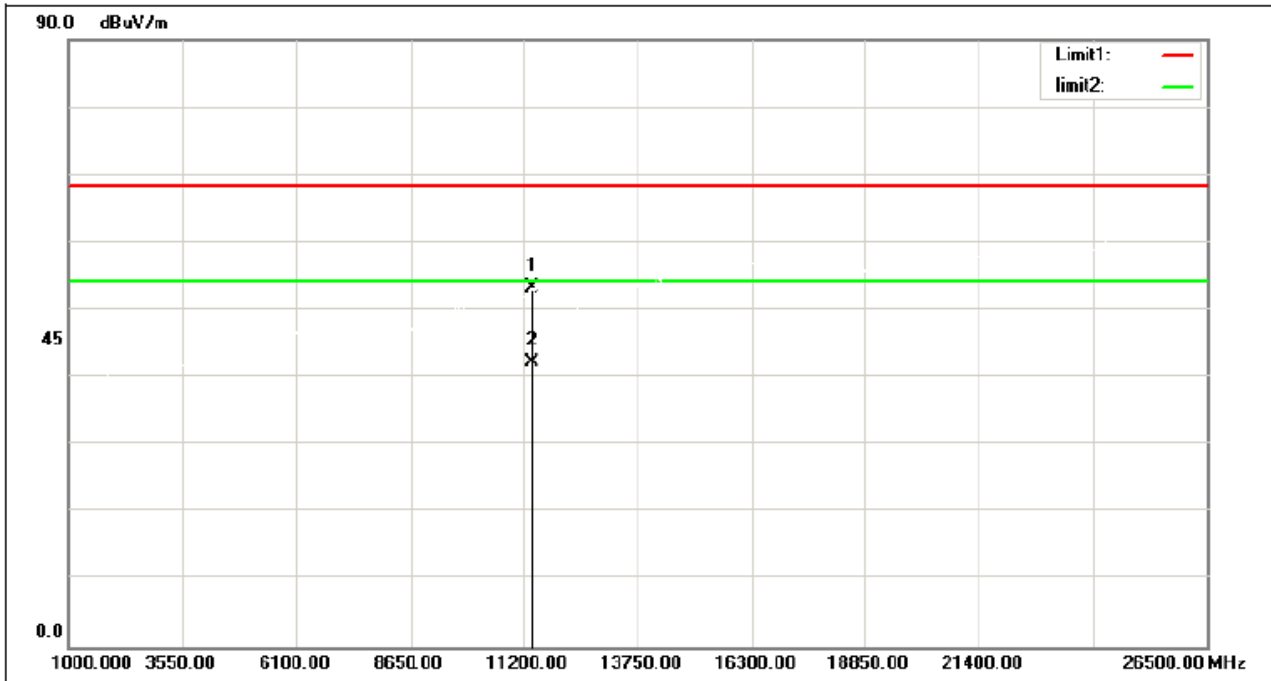
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	44.93	8.10	53.03	68.30	-15.27	peak
2	11400.000	34.47	8.10	42.57	54.00	-11.43	AVG

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

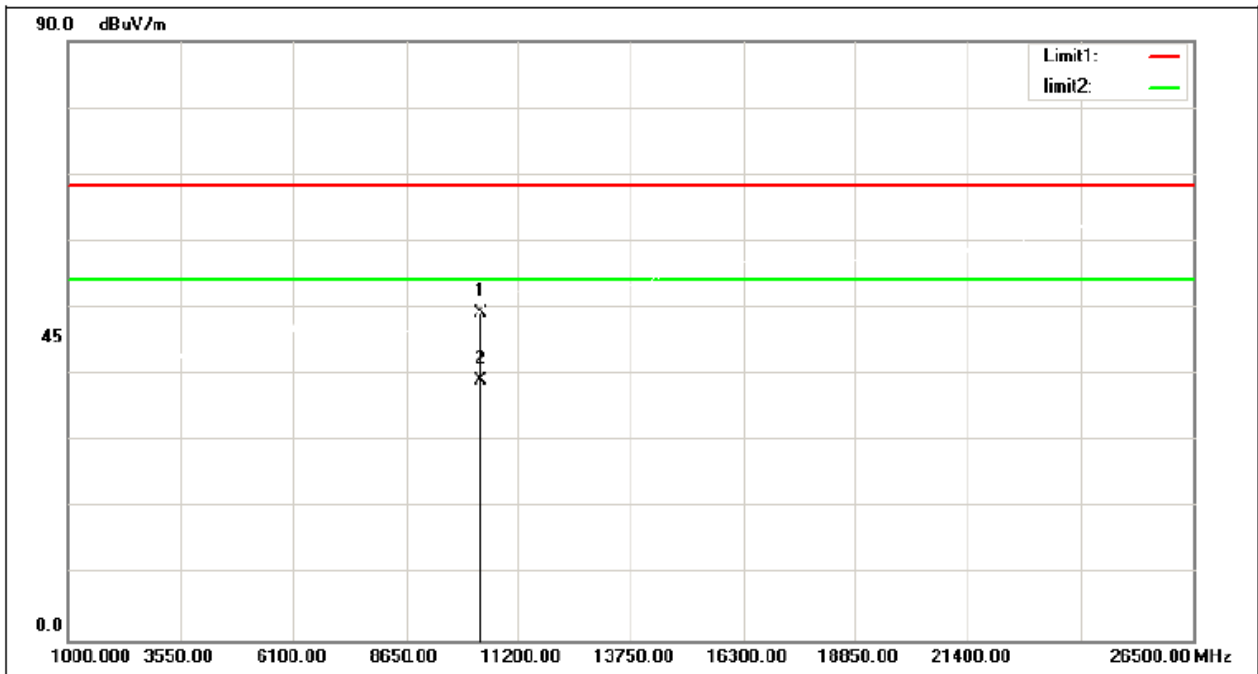
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	45.22	8.10	53.32	68.30	-14.98	peak
2	11400.000	34.04	8.10	42.14	54.00	-11.86	AVG

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

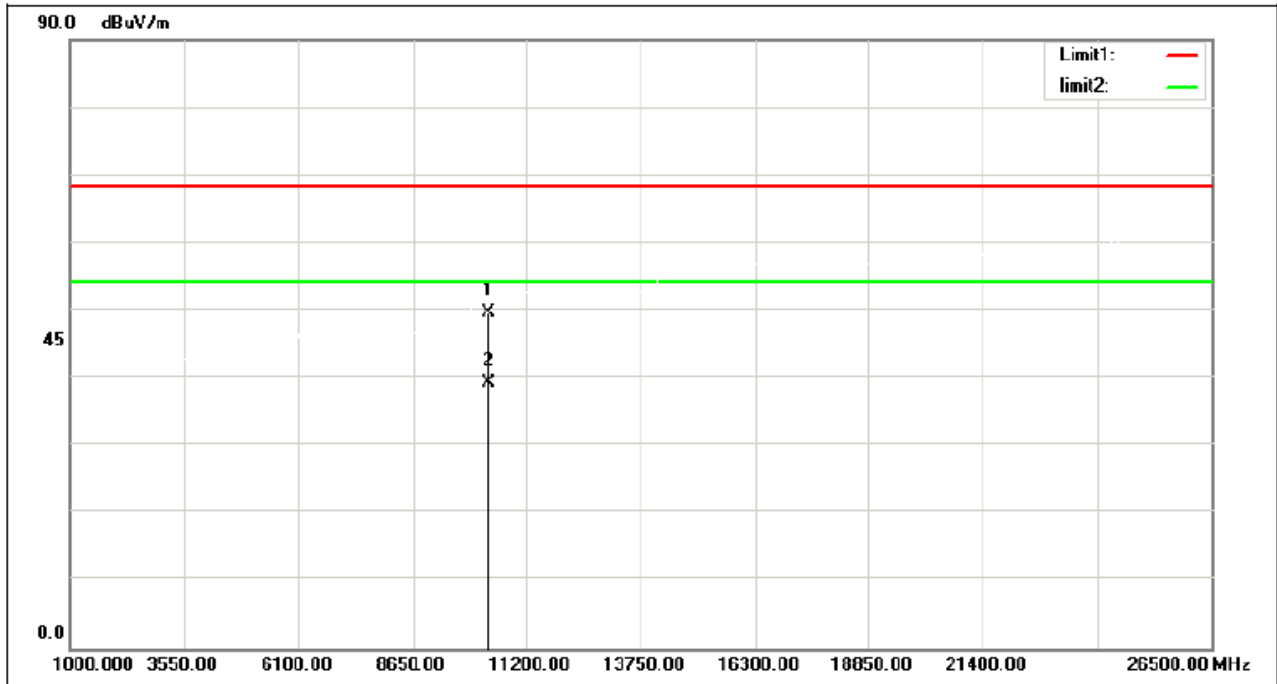
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	42.94	6.22	49.16	68.30	-19.14	peak
2	10360.000	32.80	6.22	39.02	54.00	-14.98	AVG

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

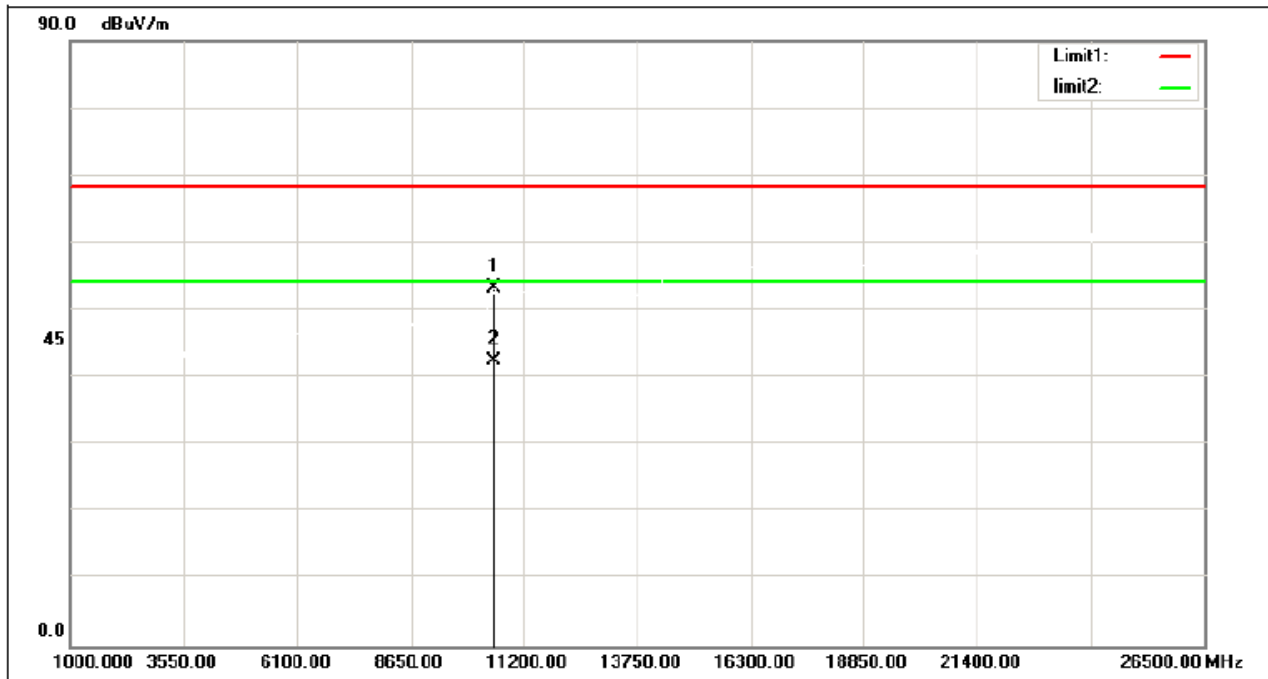
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	43.43	6.22	49.65	68.30	-18.65	peak
2	10360.000	33.00	6.22	39.22	54.00	-14.78	AVG

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

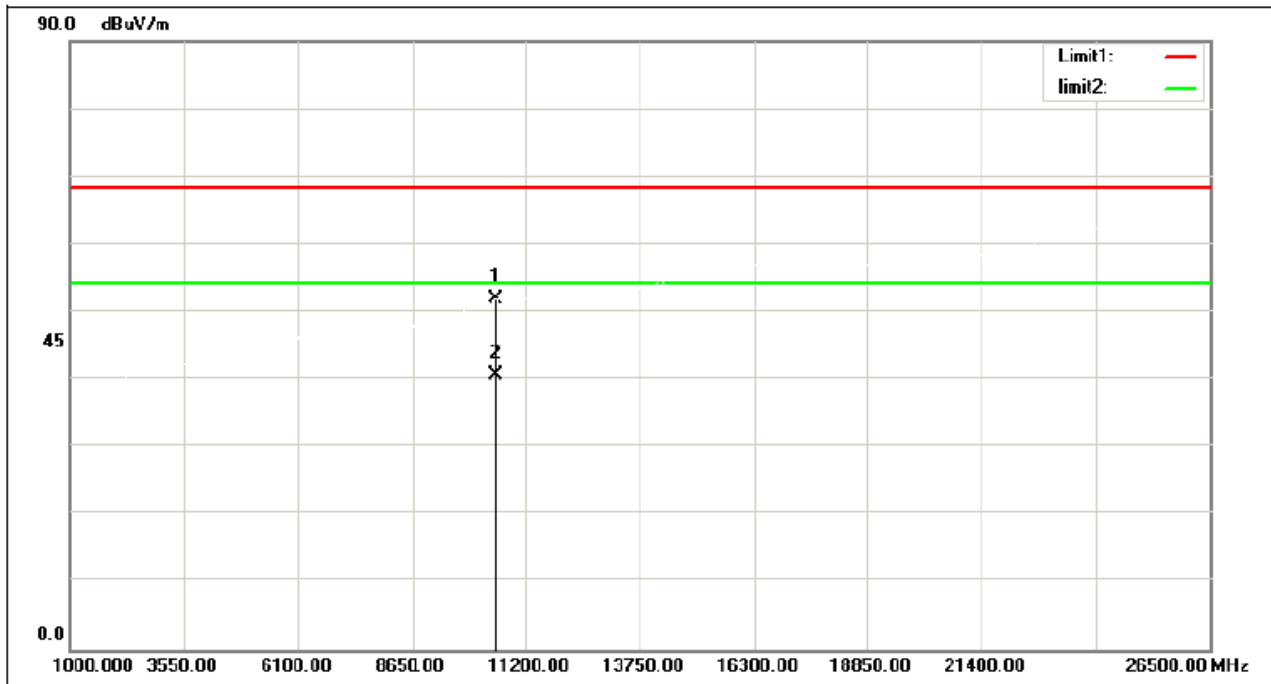
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	46.39	6.74	53.13	68.30	-15.17	peak
2	10520.000	35.77	6.74	42.51	54.00	-11.49	AVG

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

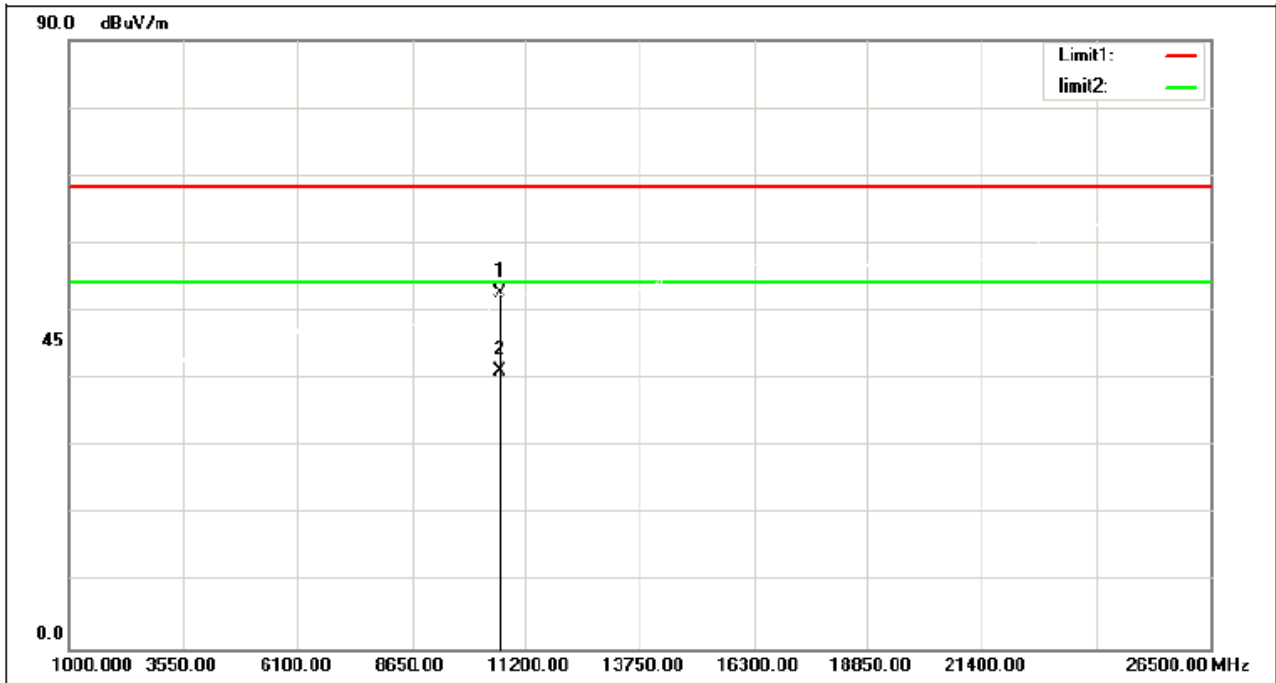
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	45.15	6.74	51.89	68.30	-16.41	peak
2	10520.000	33.94	6.74	40.68	54.00	-13.32	AVG

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

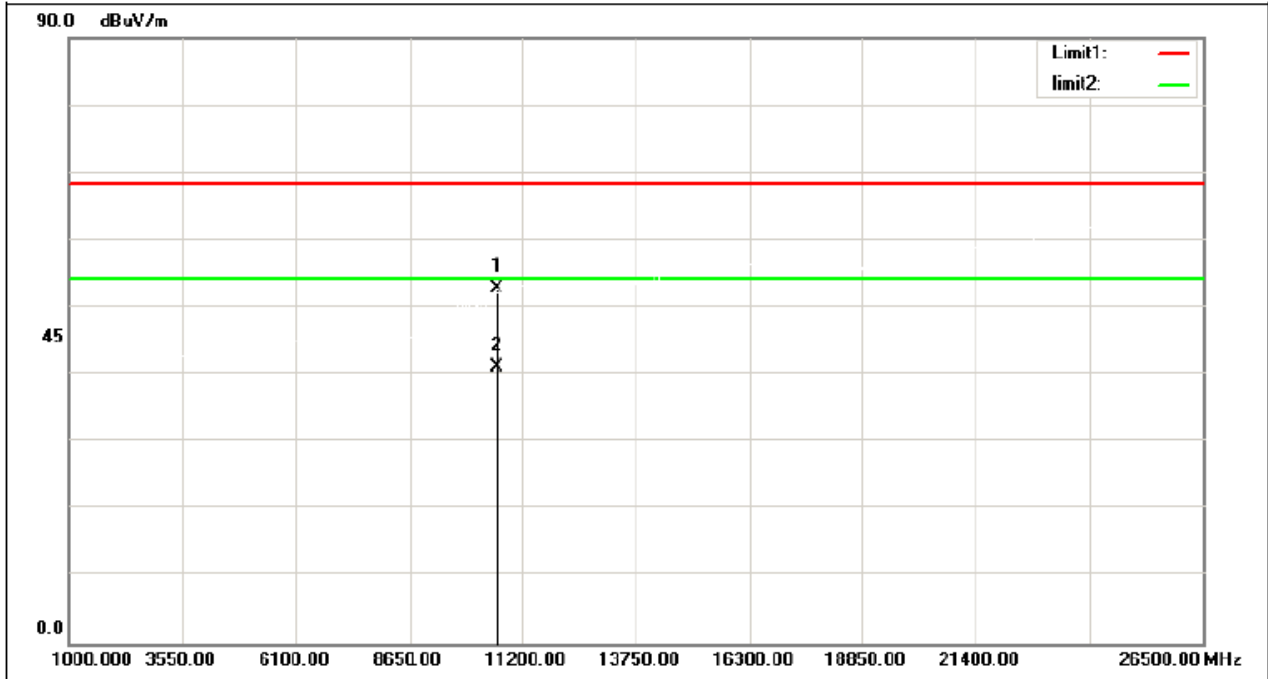
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	45.39	7.13	52.52	68.30	-15.78	peak
2	10640.000	33.91	7.13	41.04	54.00	-12.96	AVG

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

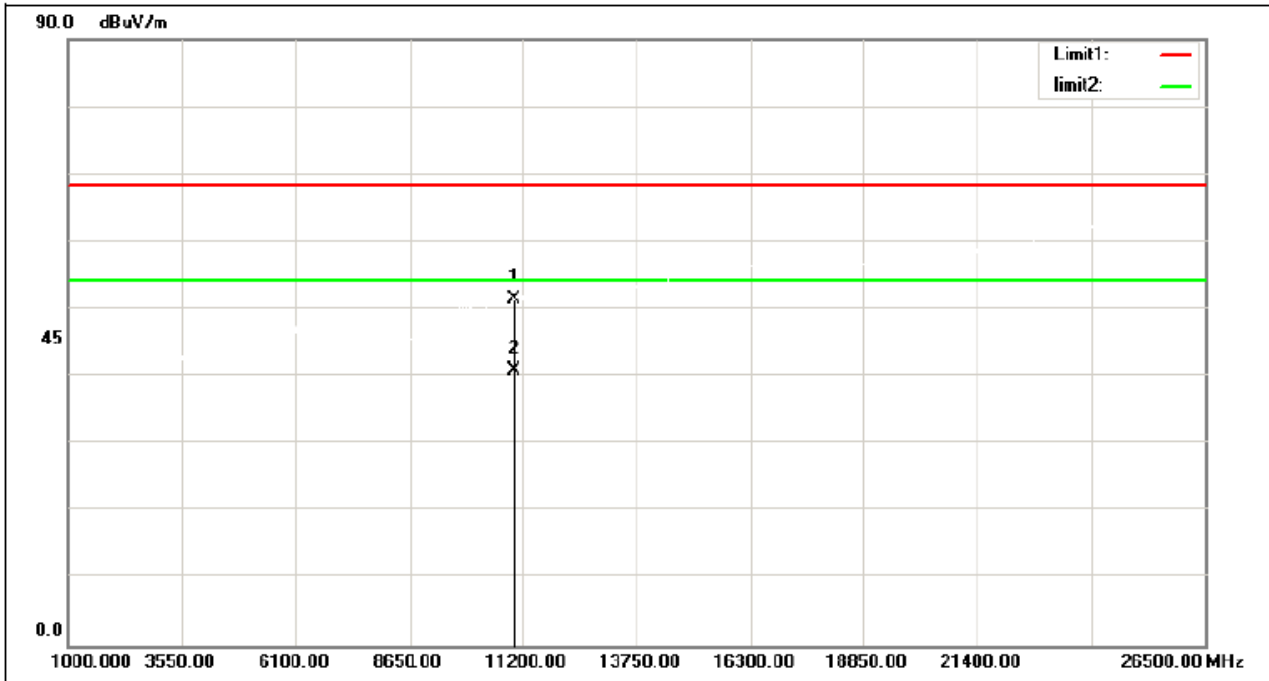
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	45.71	7.13	52.84	68.30	-15.46	peak
2	10640.000	33.94	7.13	41.07	54.00	-12.93	AVG

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

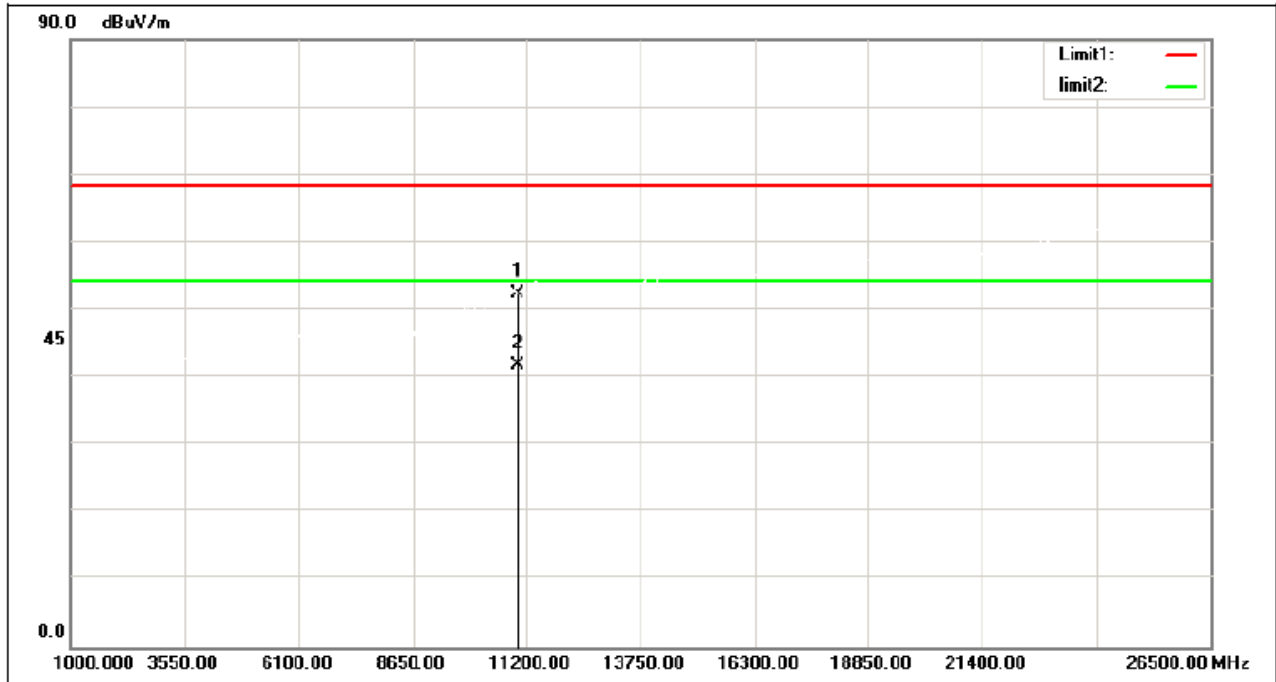
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	43.04	8.32	51.36	68.30	-16.94	peak
2	11000.000	32.42	8.32	40.74	54.00	-13.26	AVG

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

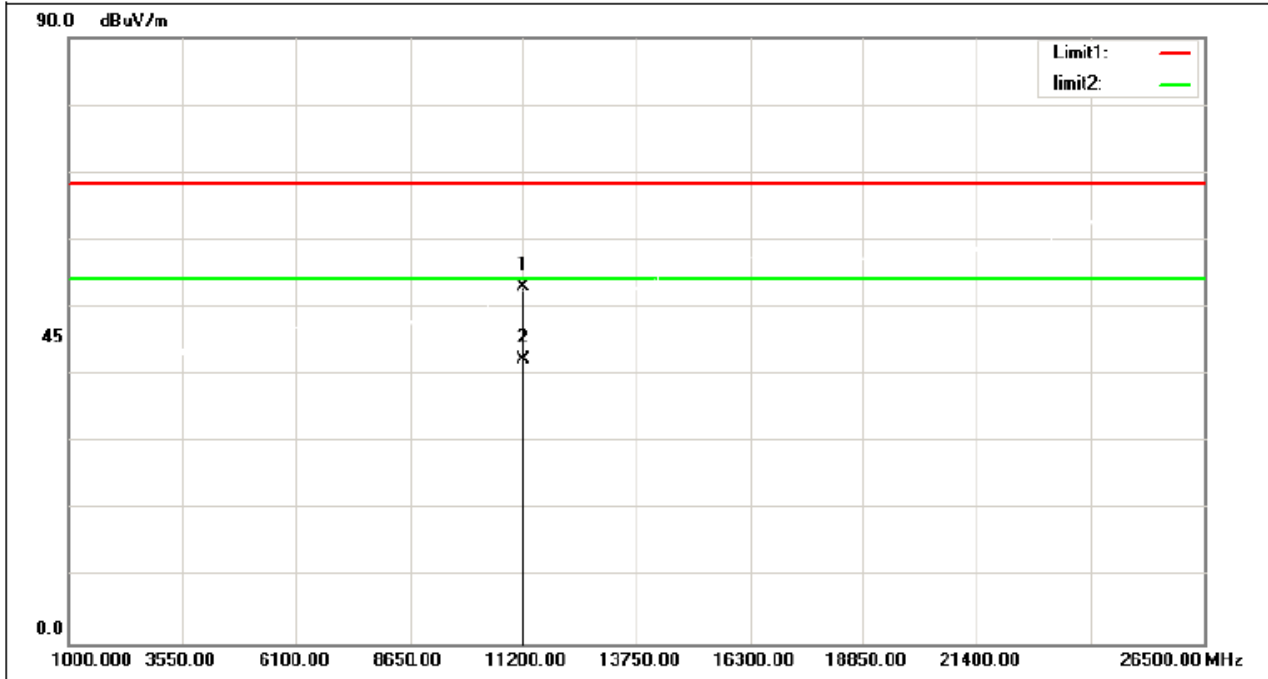
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	43.89	8.32	52.21	68.30	-16.09	peak
2	11000.000	33.39	8.32	41.71	54.00	-12.29	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5600 MHz

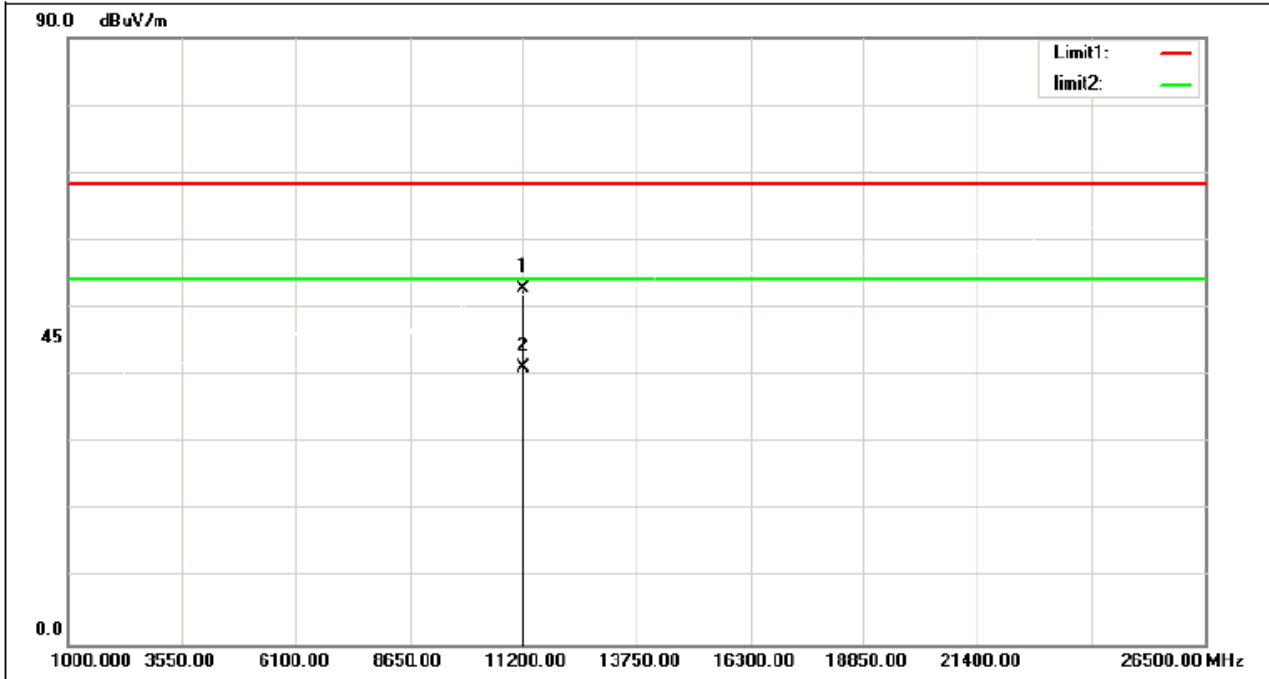
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	44.82	8.21	53.03	68.30	-15.27	peak
2	11200.000	34.09	8.21	42.30	54.00	-11.70	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT20) Mode 5600 MHz

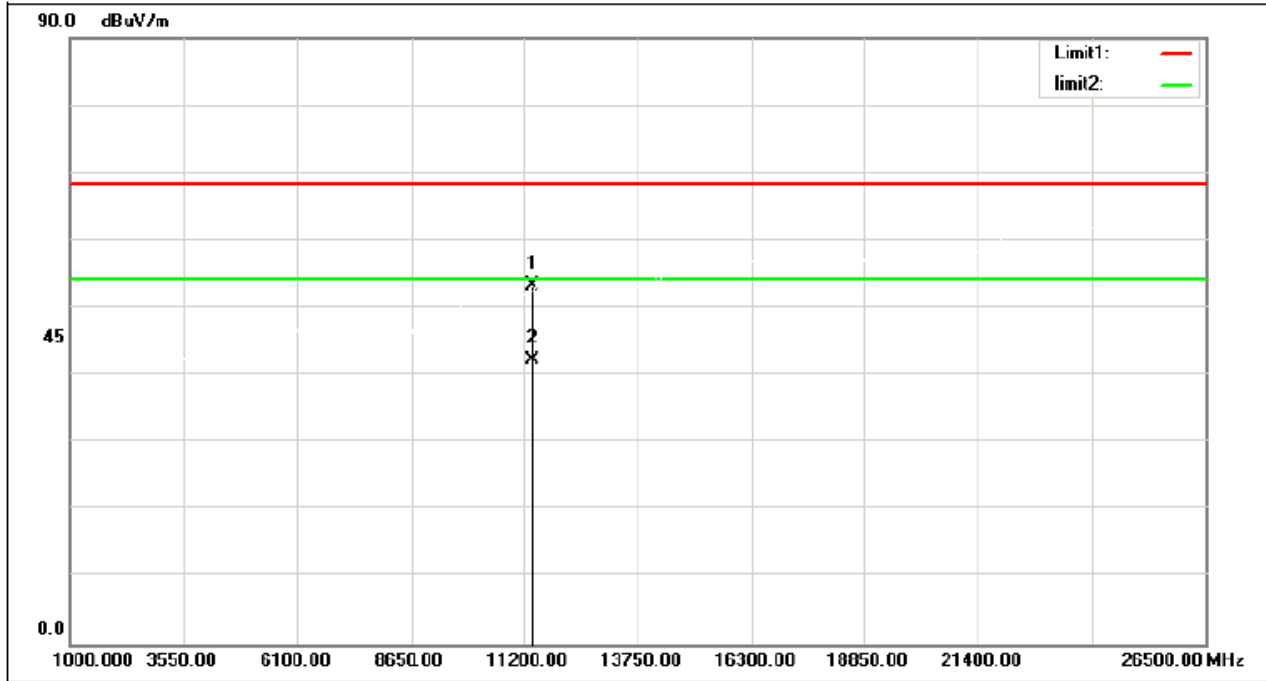
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	44.61	8.21	52.82	68.30	-15.48	peak
2	11200.000	32.85	8.21	41.06	54.00	-12.94	AVG

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

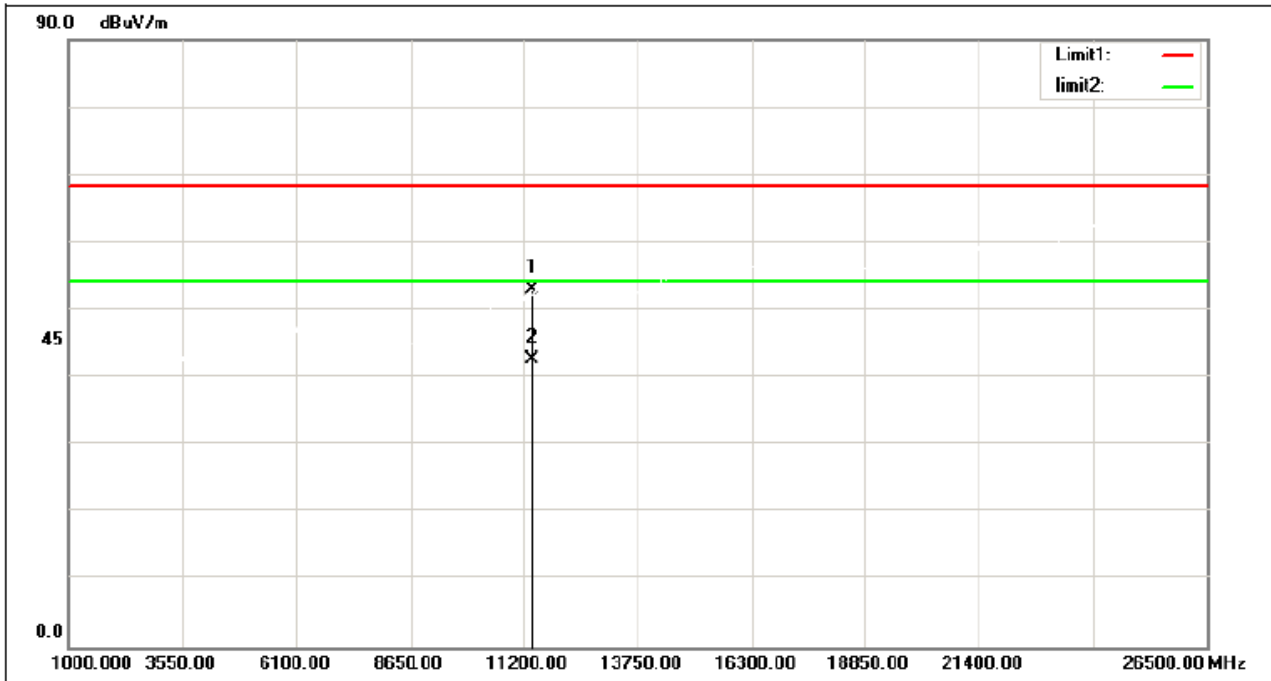
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	45.22	8.10	53.32	68.30	-14.98	peak
2	11400.000	34.05	8.10	42.15	54.00	-11.85	AVG

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

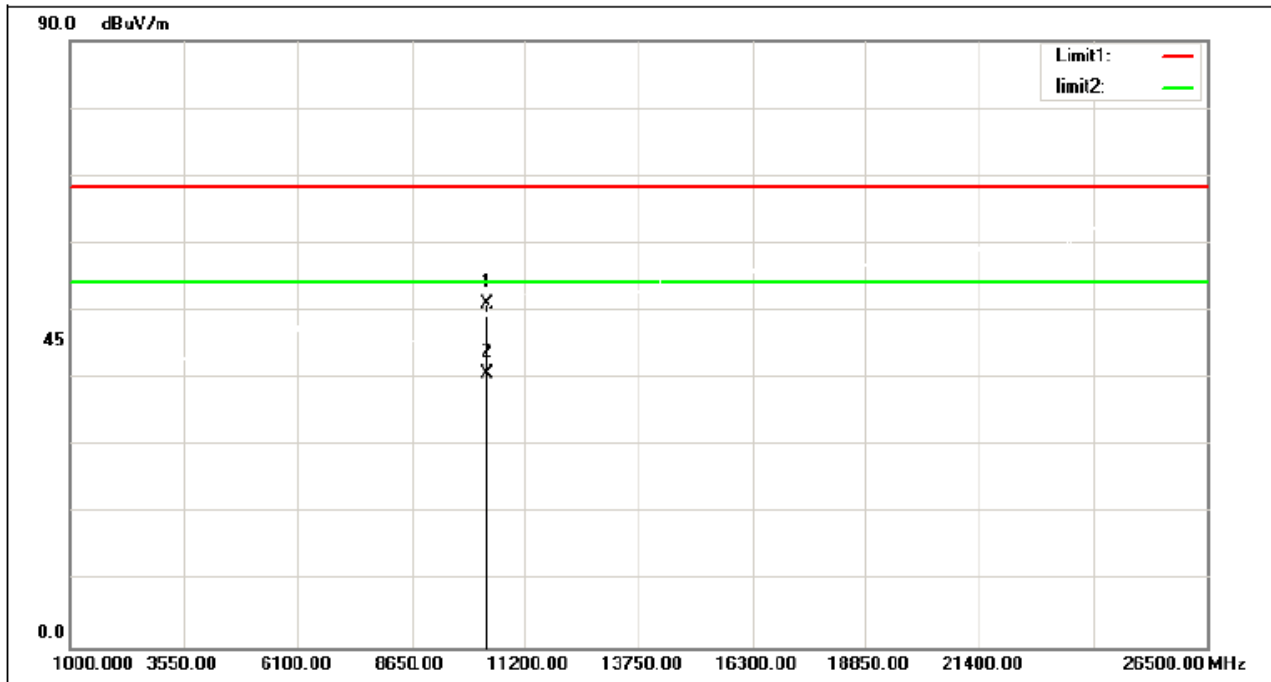
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	44.93	8.10	53.03	68.30	-15.27	peak
2	11400.000	34.48	8.10	42.58	54.00	-11.42	AVG

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

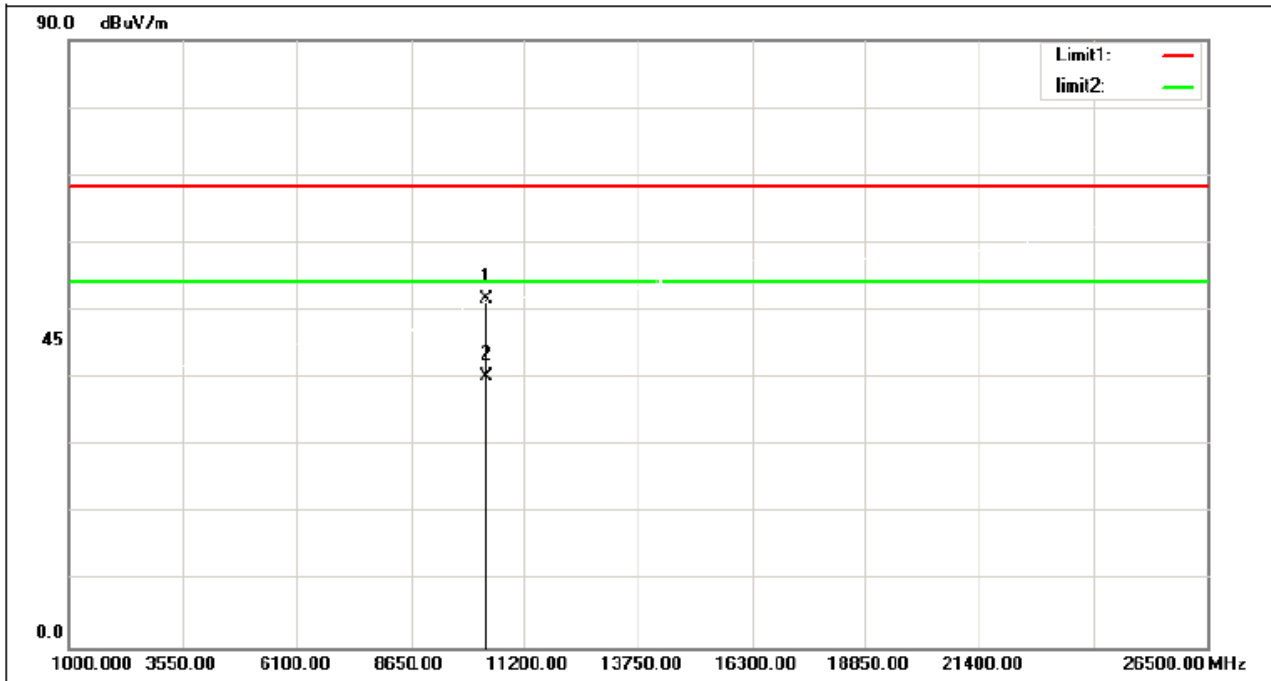
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	44.62	6.28	50.90	68.30	-17.40	peak
2	10380.000	34.29	6.28	40.57	54.00	-13.43	AVG

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

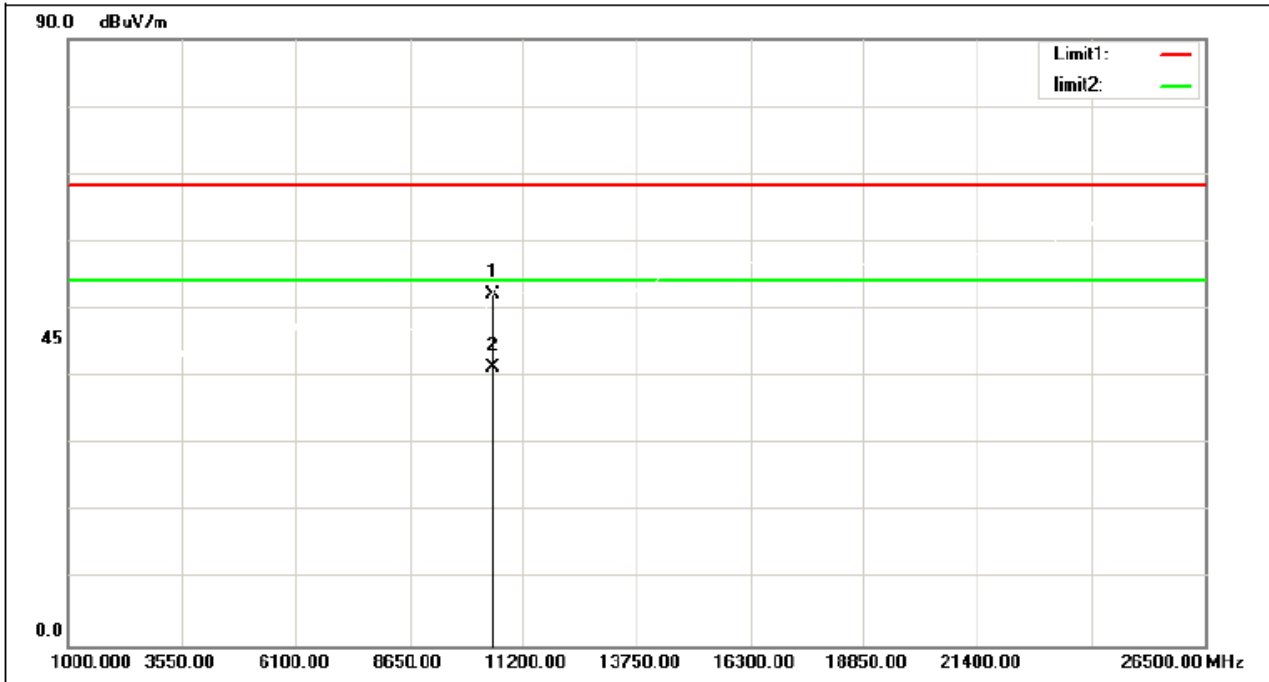
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	45.28	6.28	51.56	68.30	-16.74	peak
2	10380.000	33.99	6.28	40.27	54.00	-13.73	AVG

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

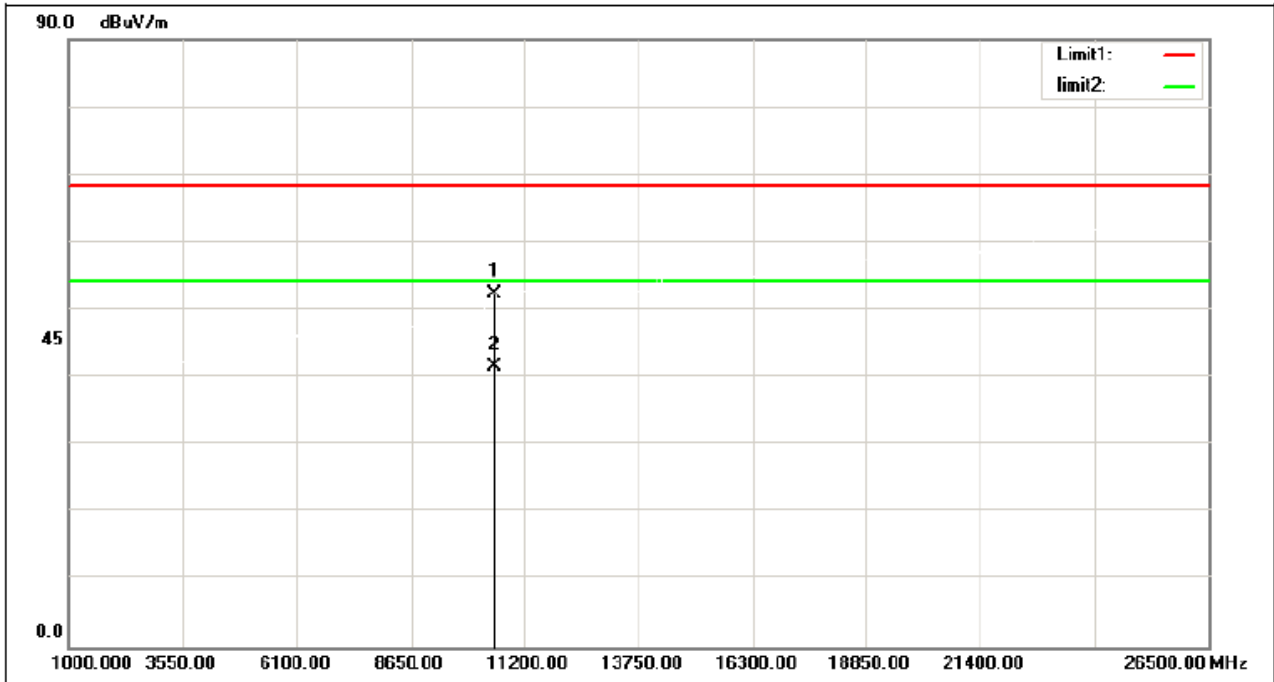
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	45.34	6.80	52.14	68.30	-16.16	peak
2	10540.000	34.44	6.80	41.24	54.00	-12.76	AVG

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

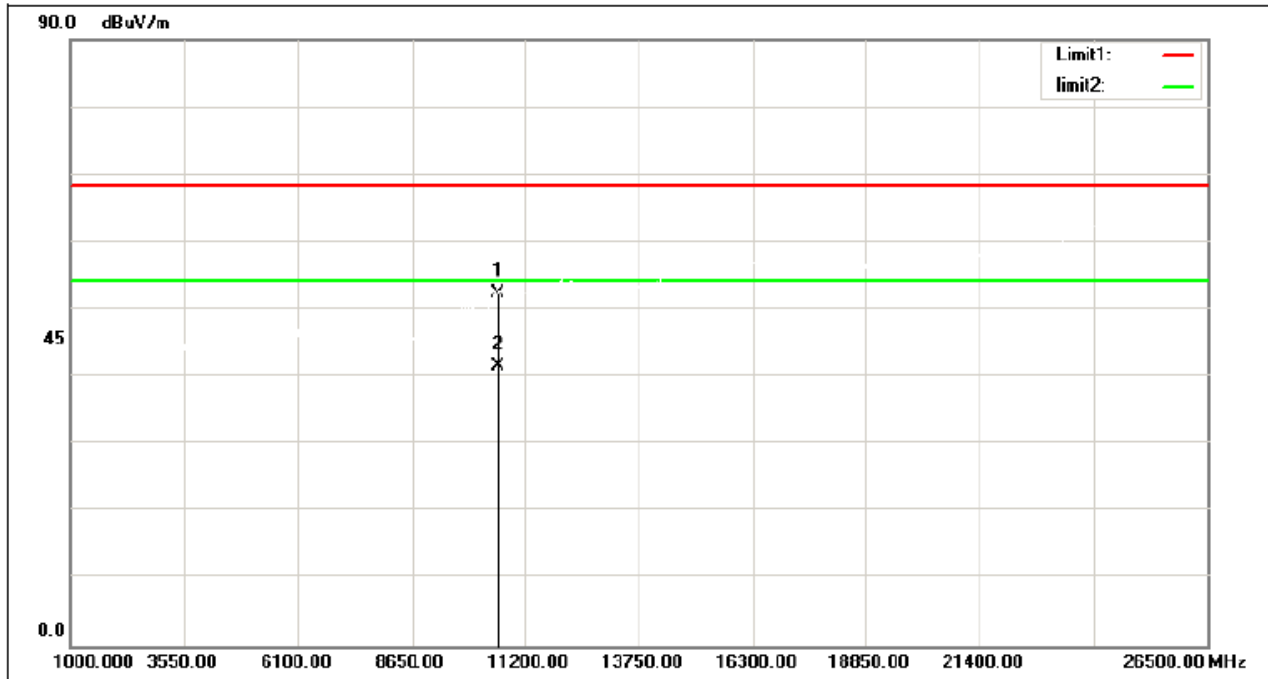
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	45.59	6.80	52.39	68.30	-15.91	peak
2	10540.000	34.71	6.80	41.51	54.00	-12.49	AVG

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

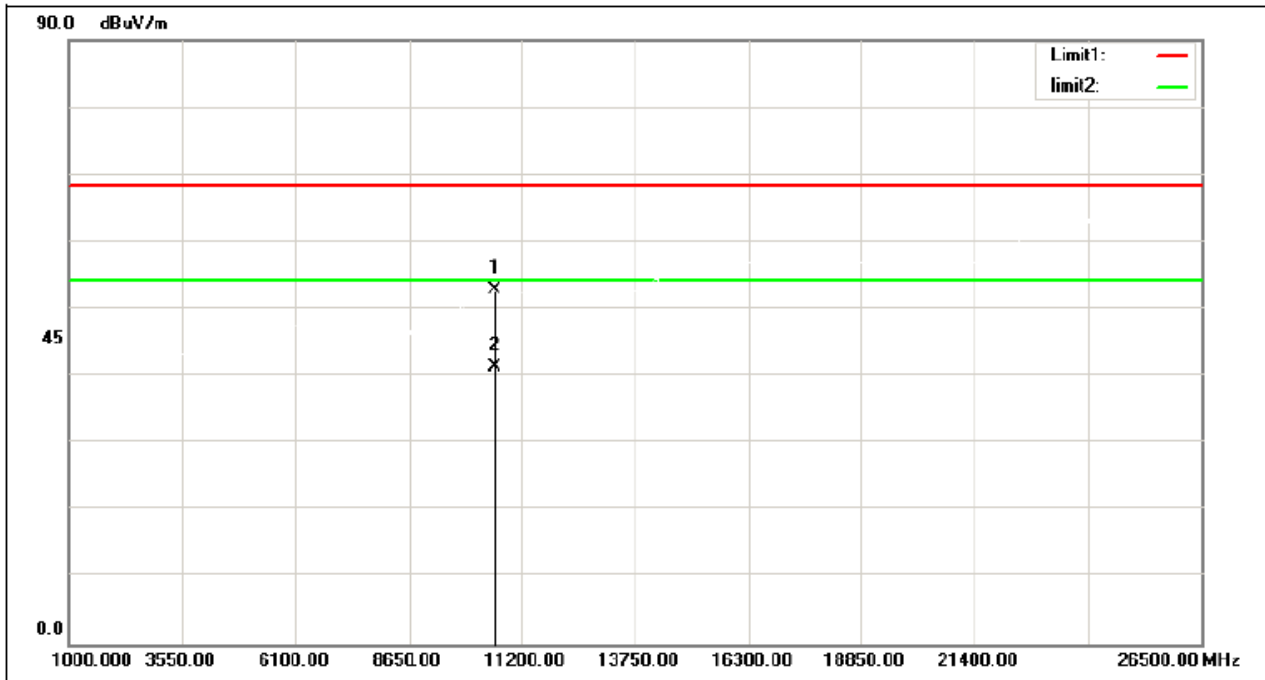
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	45.28	7.07	52.35	68.30	-15.95	peak
2	10620.000	34.50	7.07	41.57	54.00	-12.43	AVG

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

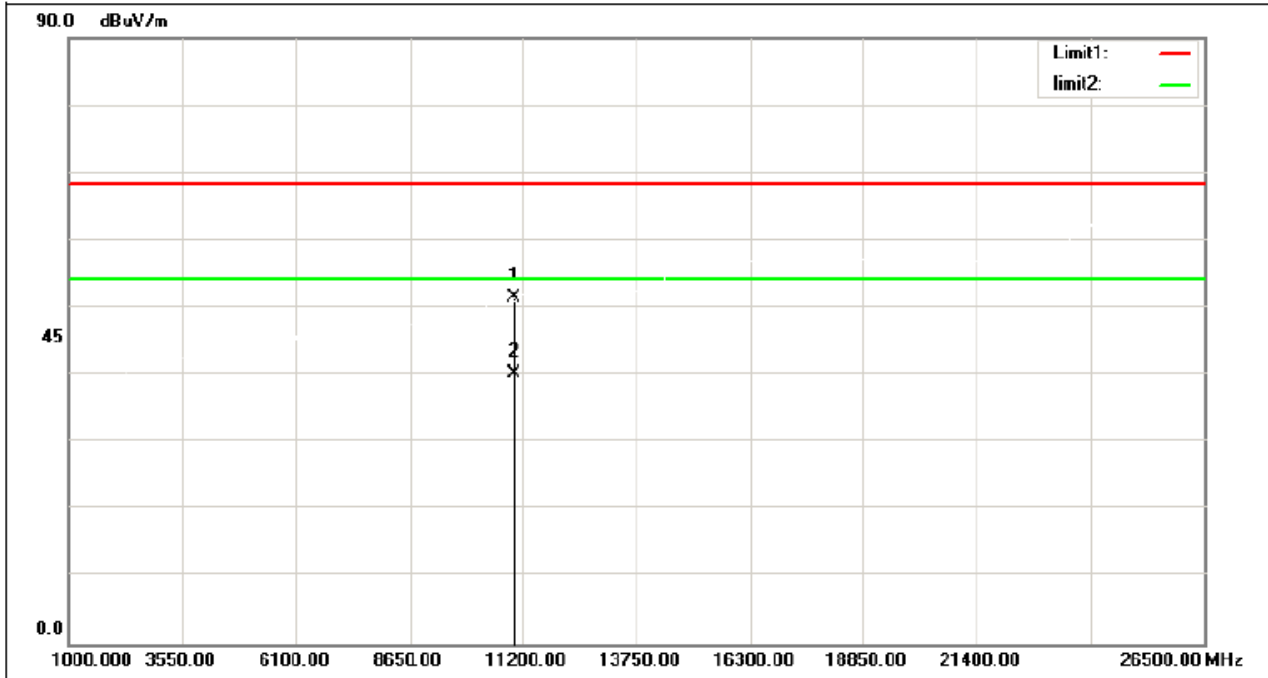
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	45.79	7.07	52.86	68.30	-15.44	peak
2	10620.000	34.20	7.07	41.27	54.00	-12.73	AVG

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

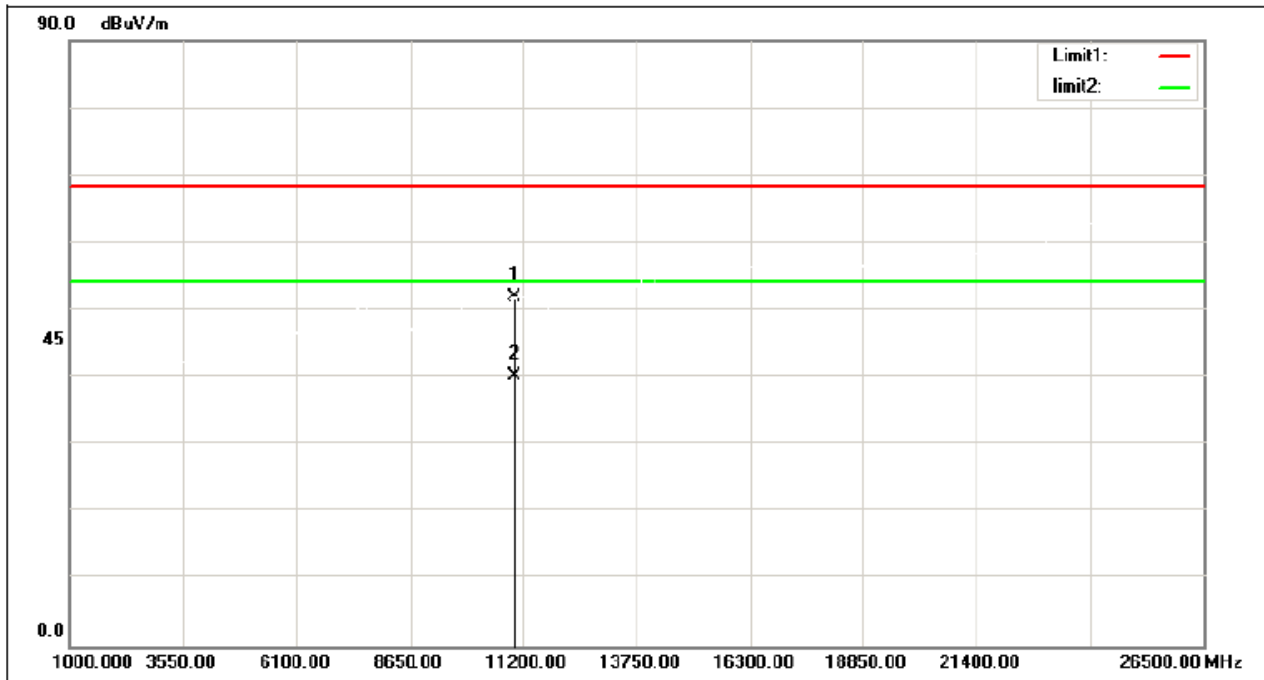
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	43.19	8.30	51.49	68.30	-16.81	peak
2	11020.000	31.91	8.30	40.21	54.00	-13.79	AVG

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

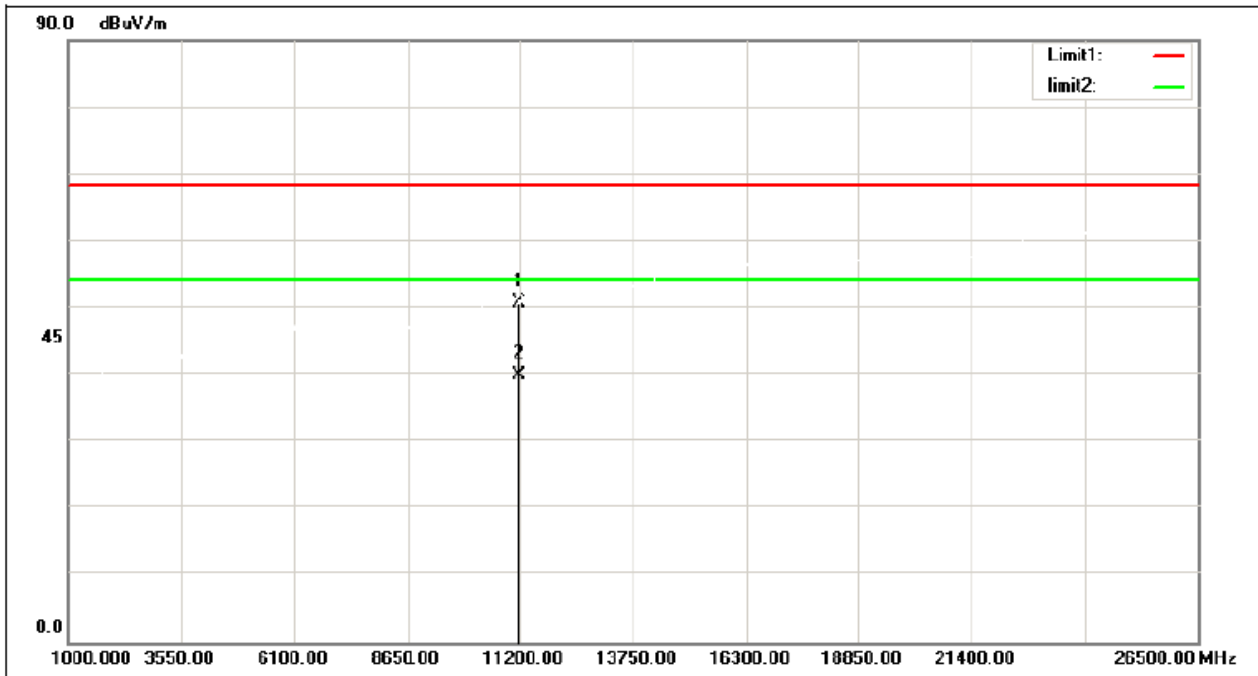
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	43.55	8.30	51.85	68.30	-16.45	peak
2	11020.000	31.94	8.30	40.24	54.00	-13.76	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5590 MHz

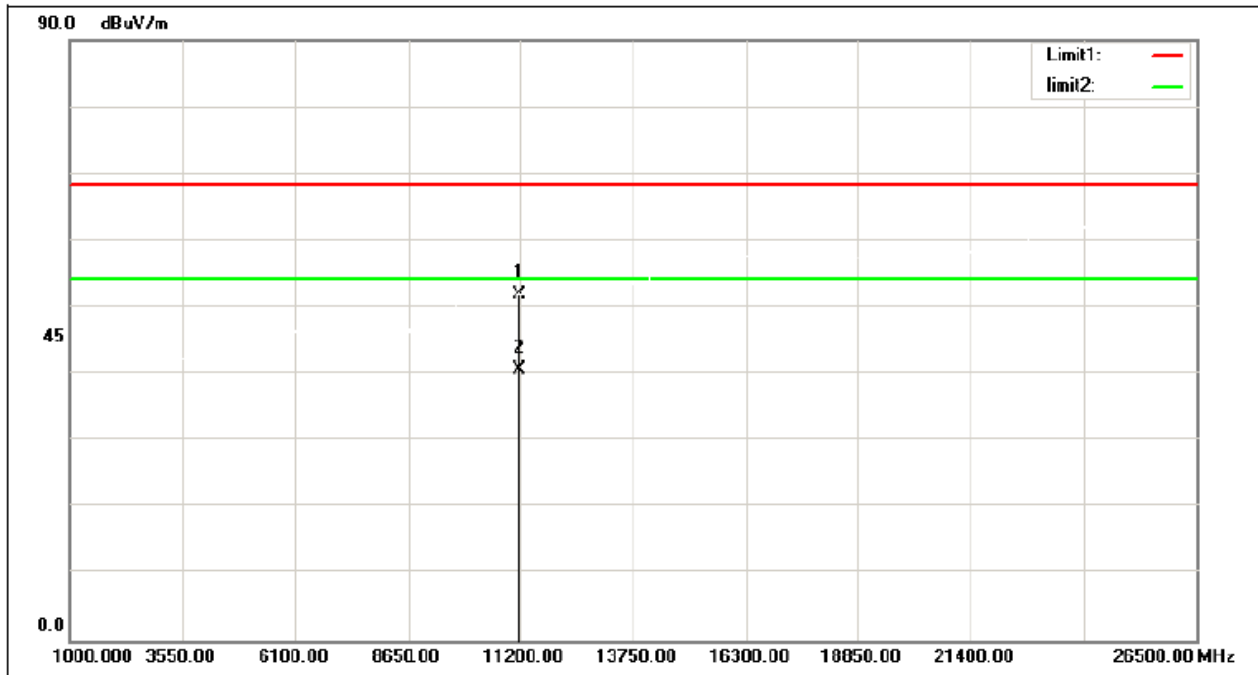
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	42.61	8.23	50.84	68.30	-17.46	peak
2	11180.000	31.80	8.23	40.03	54.00	-13.97	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX N (HT40) Mode 5590 MHz

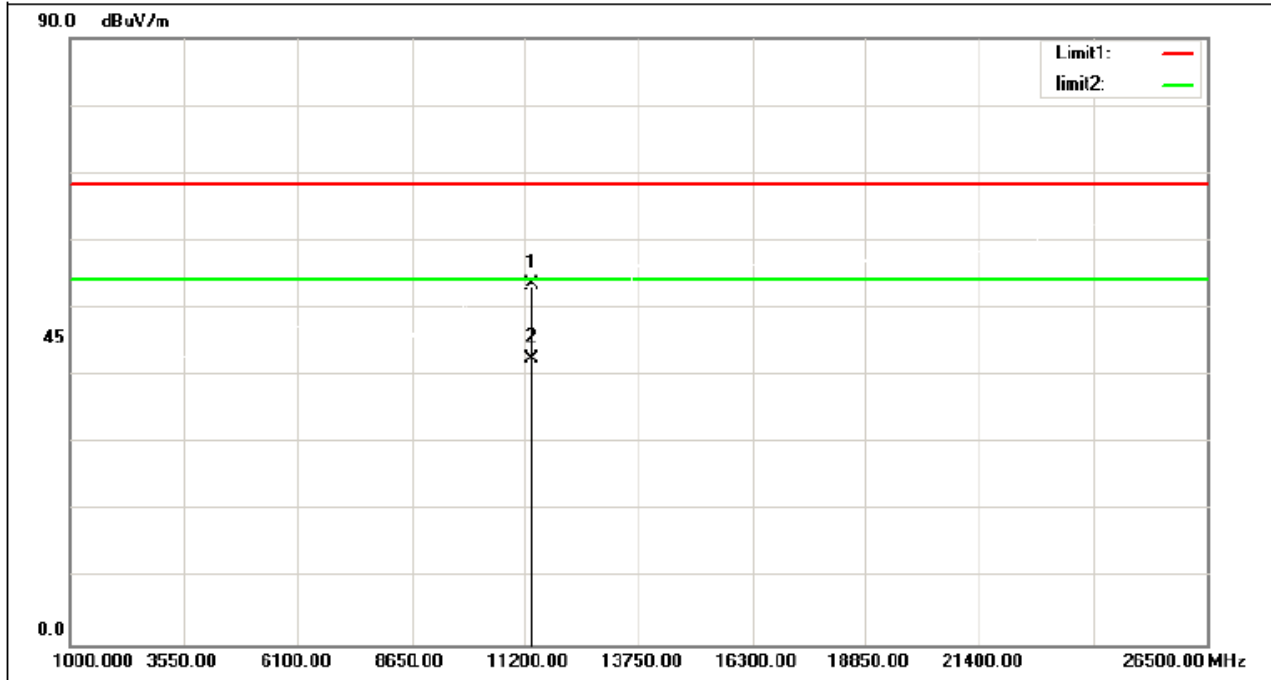
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	43.53	8.23	51.76	68.30	-16.54	peak
2	11180.000	32.34	8.23	40.57	54.00	-13.43	AVG

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

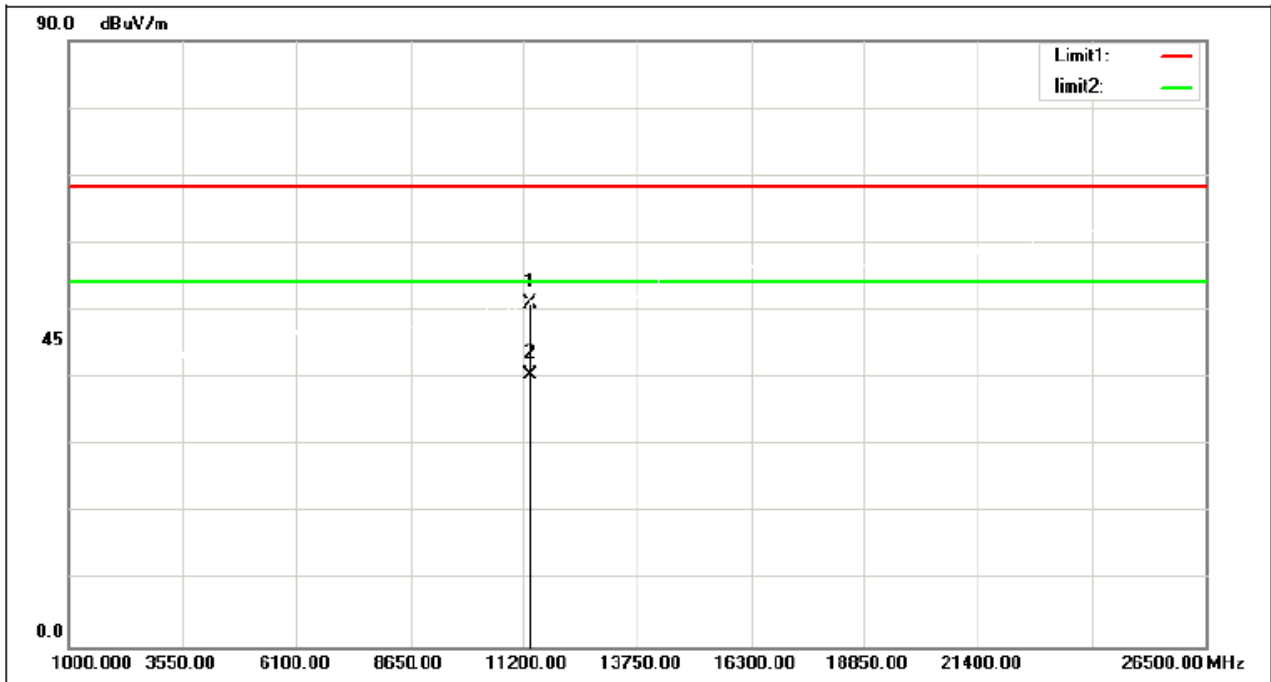
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	45.41	8.14	53.55	68.30	-14.75	peak
2	11340.000	34.37	8.14	42.51	54.00	-11.49	AVG

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

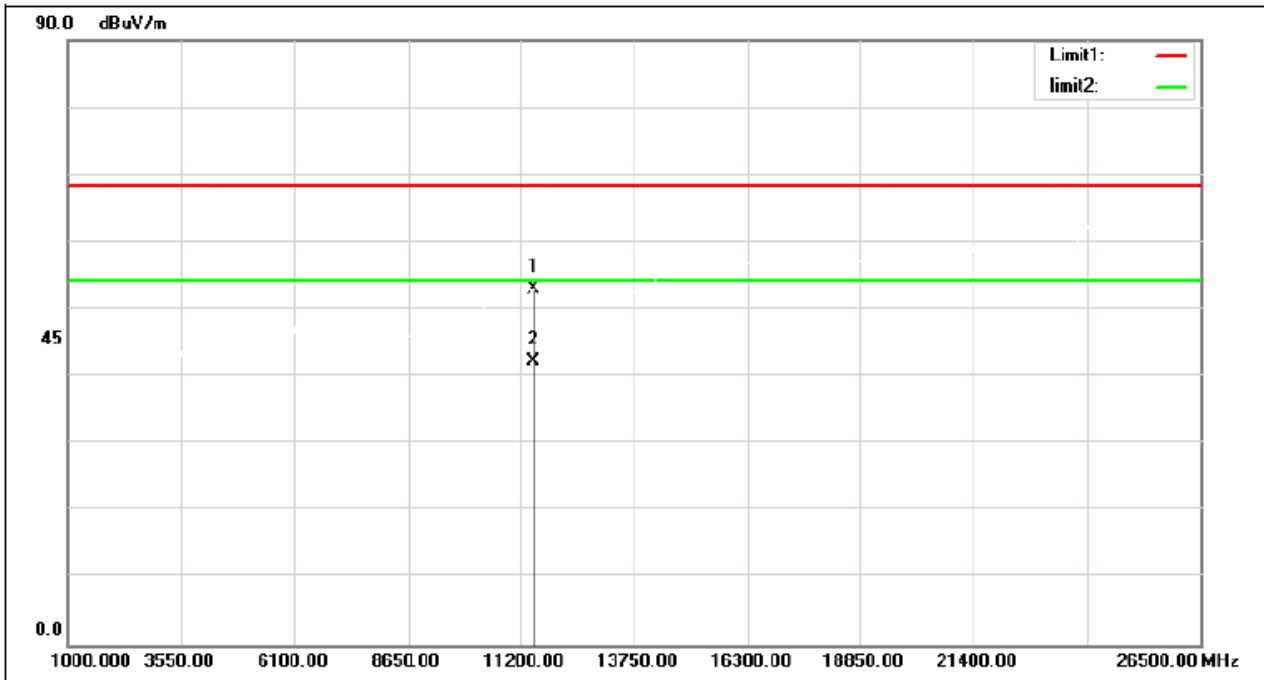
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	42.86	8.14	51.00	68.30	-17.30	peak
2	11340.000	32.27	8.14	40.41	54.00	-13.59	AVG

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

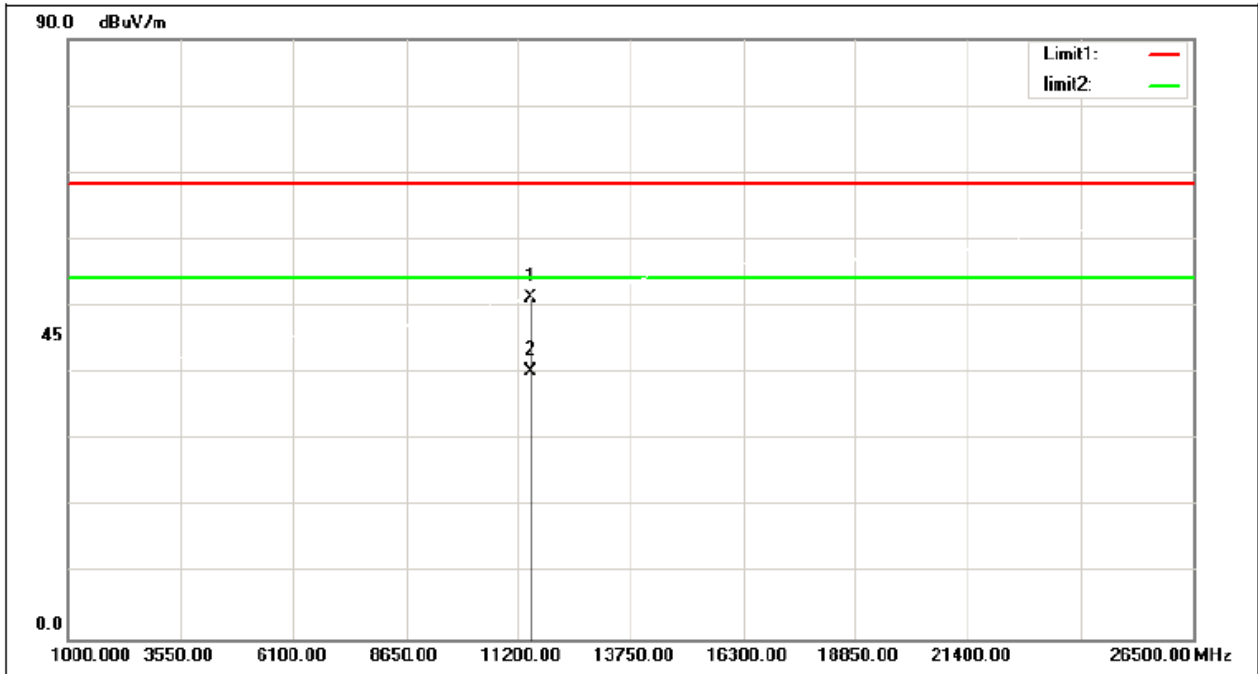
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.97	8.06	53.03	68.30	-15.27	peak
2	11490.000	34.09	8.06	42.15	54.00	-11.85	AVG

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

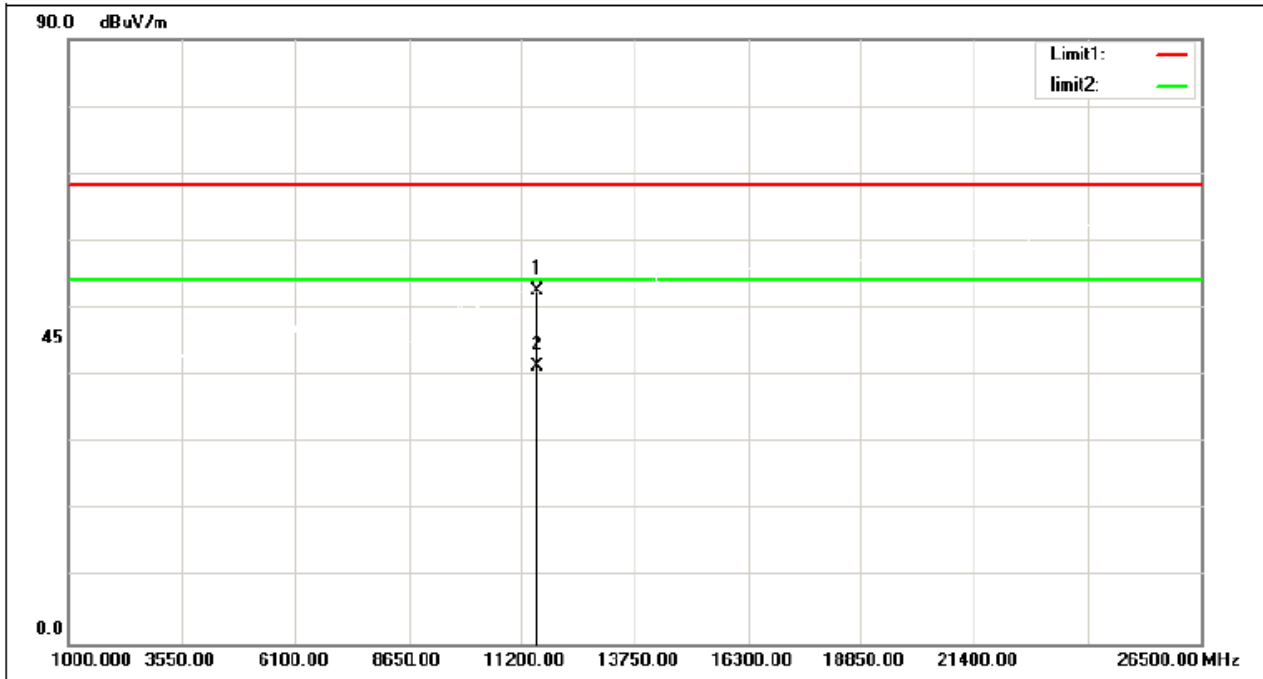
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	43.19	8.06	51.25	68.30	-17.05	peak
2	11490.000	32.17	8.06	40.23	54.00	-13.77	AVG

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

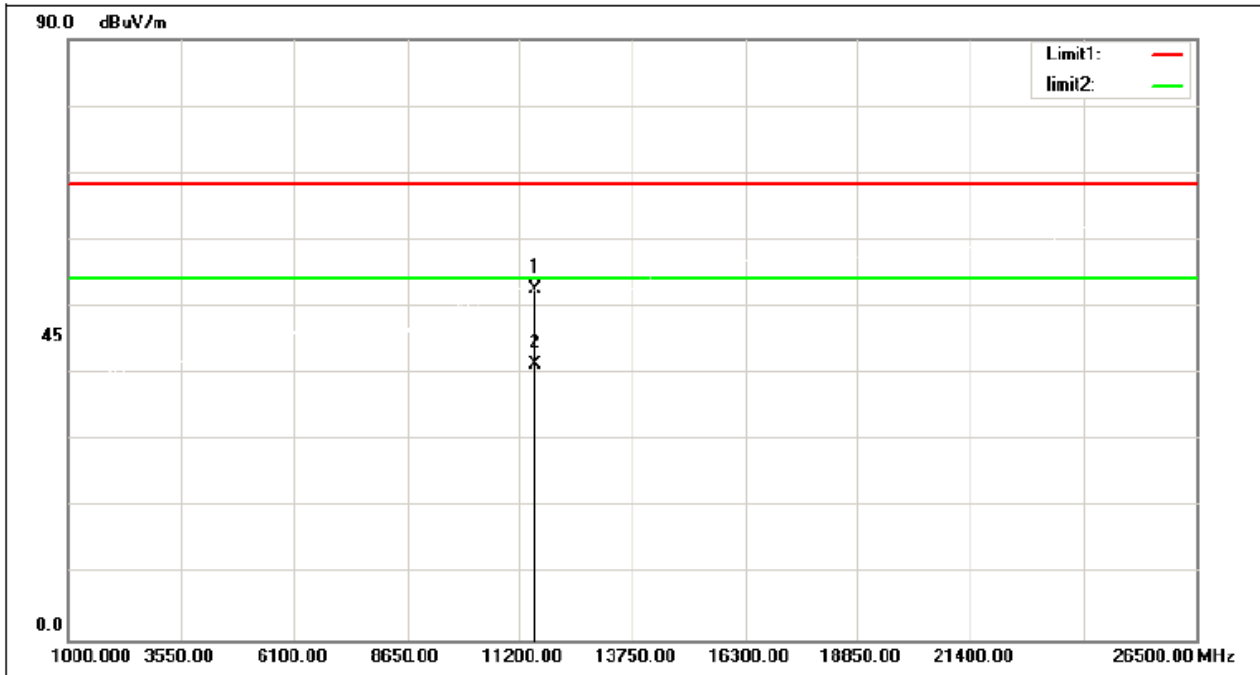
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.64	8.00	52.64	68.30	-15.66	peak
2	11570.000	33.24	8.00	41.24	54.00	-12.76	AVG

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

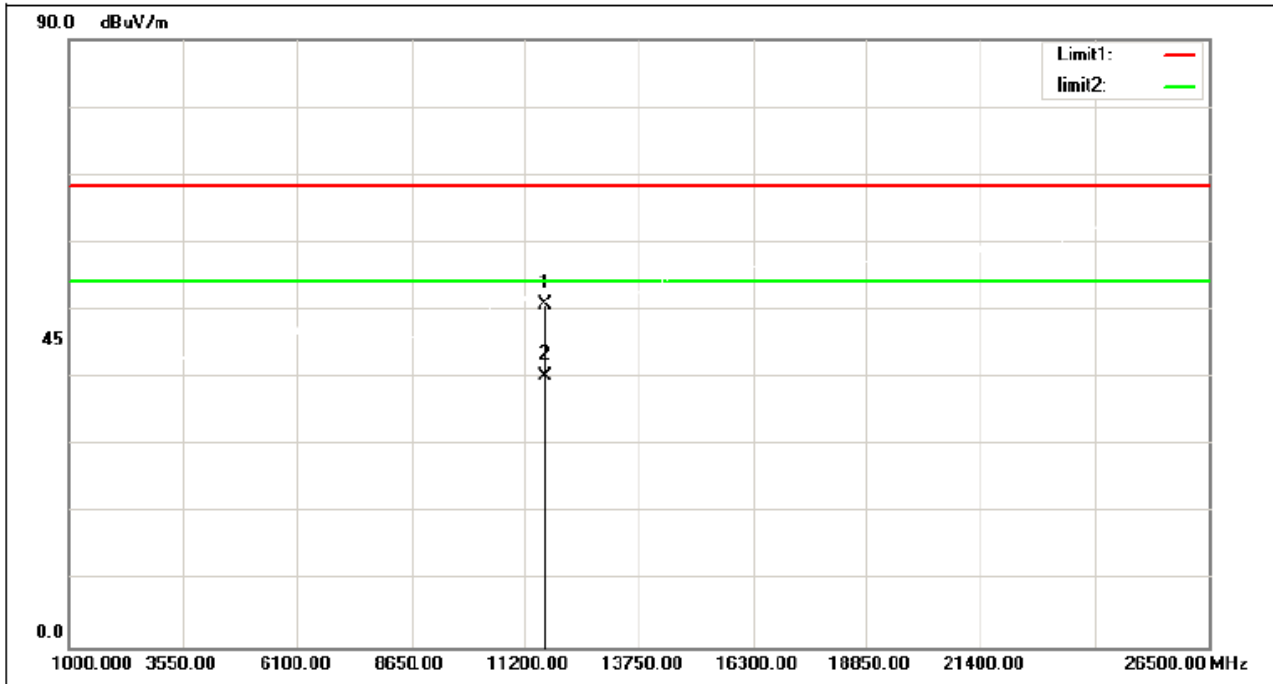
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.59	8.00	52.59	68.30	-15.71	peak
2	11570.000	33.24	8.00	41.24	54.00	-12.76	AVG

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

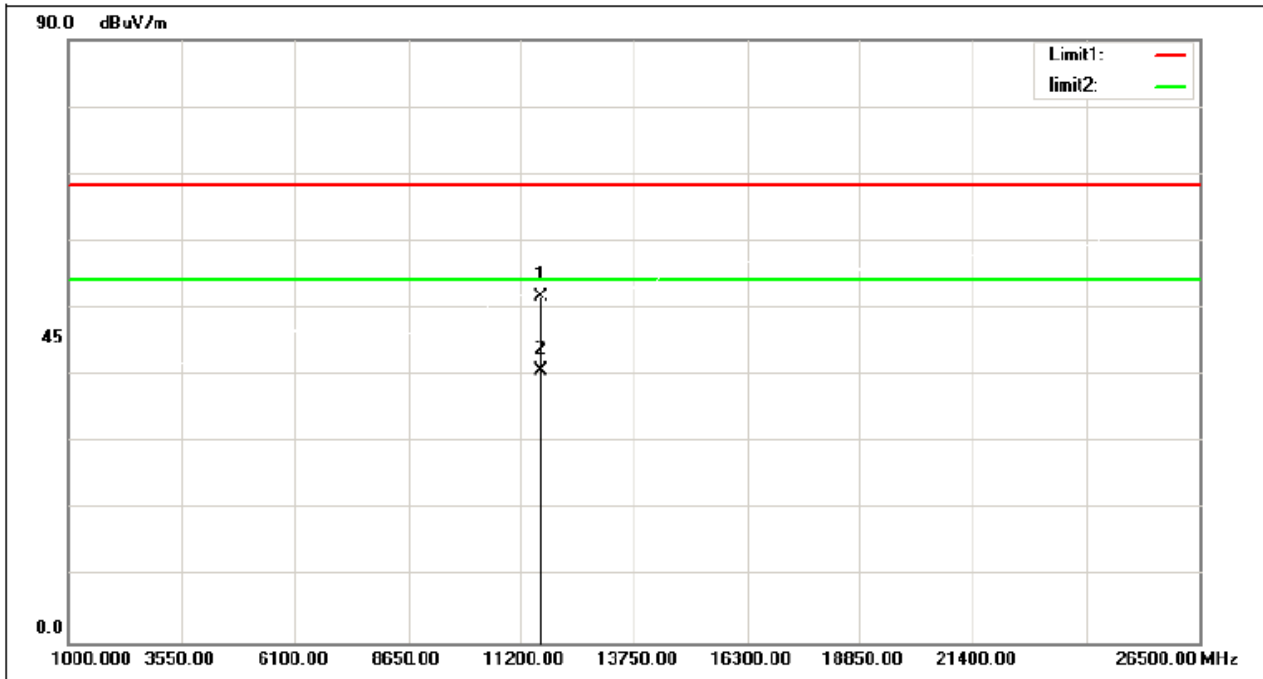
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	42.83	7.97	50.80	68.30	-17.50	peak
2	11650.000	32.15	7.97	40.12	54.00	-13.88	AVG

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

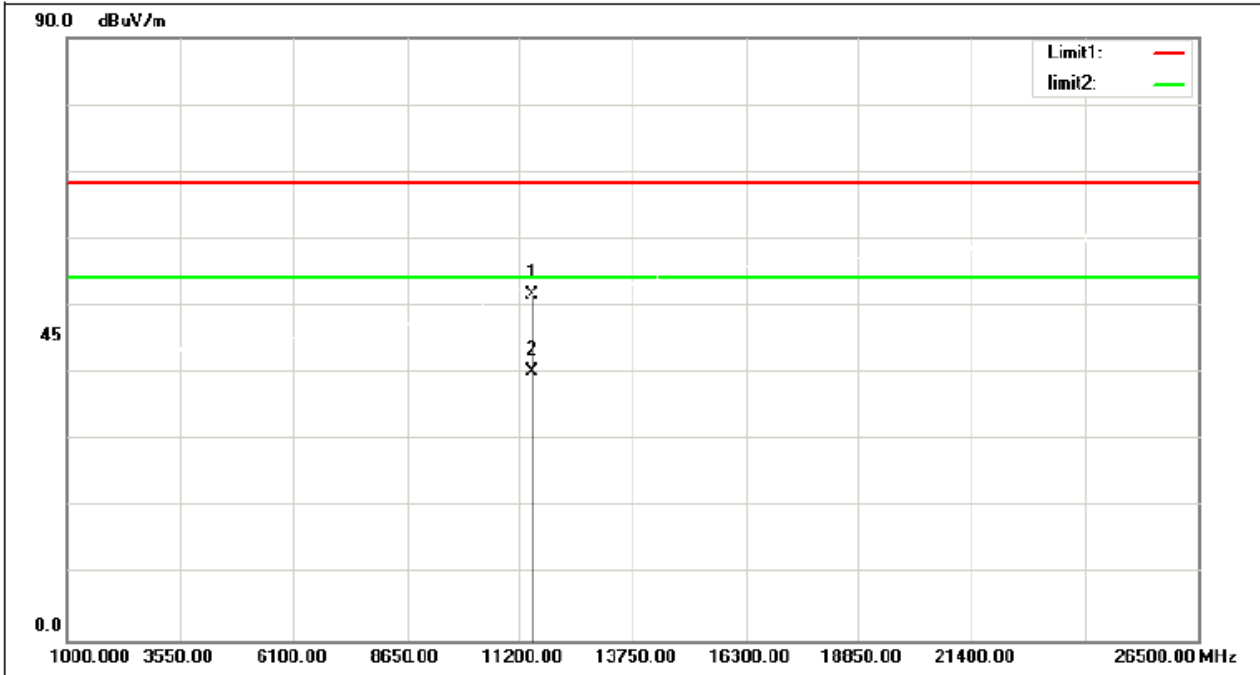
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.74	7.97	51.71	68.30	-16.59	peak
2	11650.000	32.60	7.97	40.57	54.00	-13.43	AVG

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

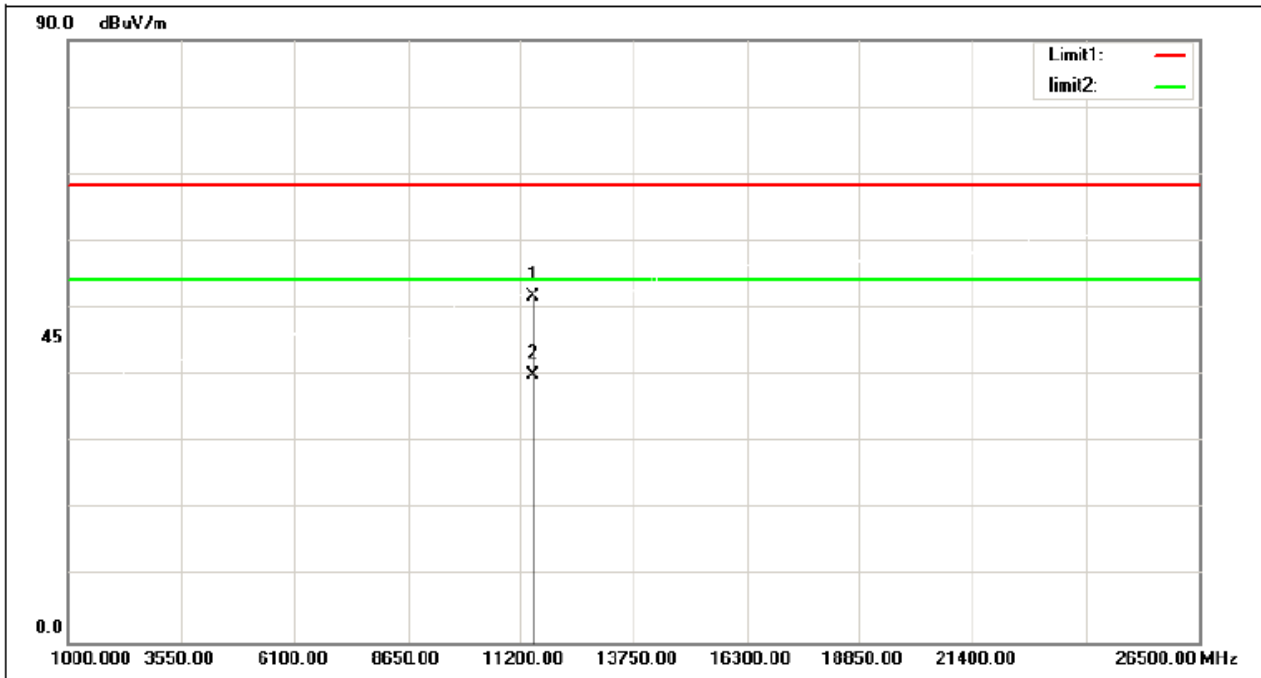
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	43.47	8.06	51.53	68.30	-16.77	peak
2	11490.000	32.15	8.06	40.21	54.00	-13.79	AVG

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

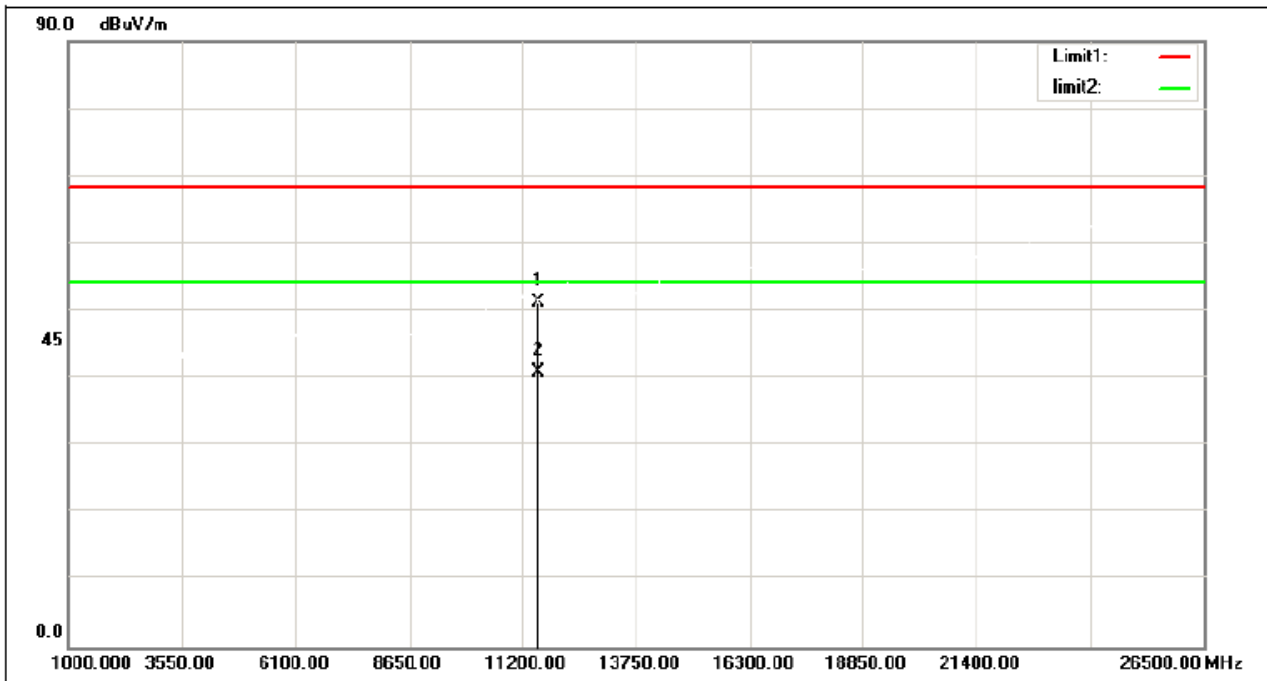
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	43.69	8.06	51.75	68.30	-16.55	peak
2	11490.000	31.94	8.06	40.00	54.00	-14.00	AVG

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

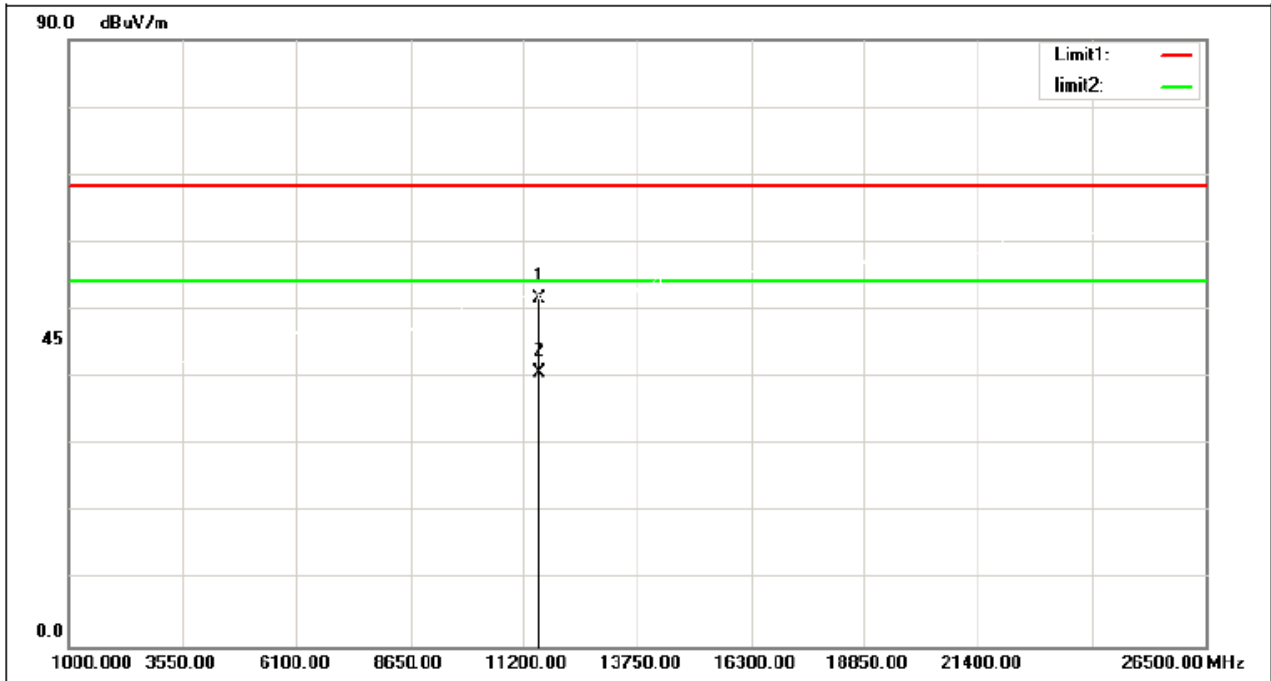
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	43.14	8.00	51.14	68.30	-17.16	peak
2	11570.000	32.74	8.00	40.74	54.00	-13.26	AVG

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

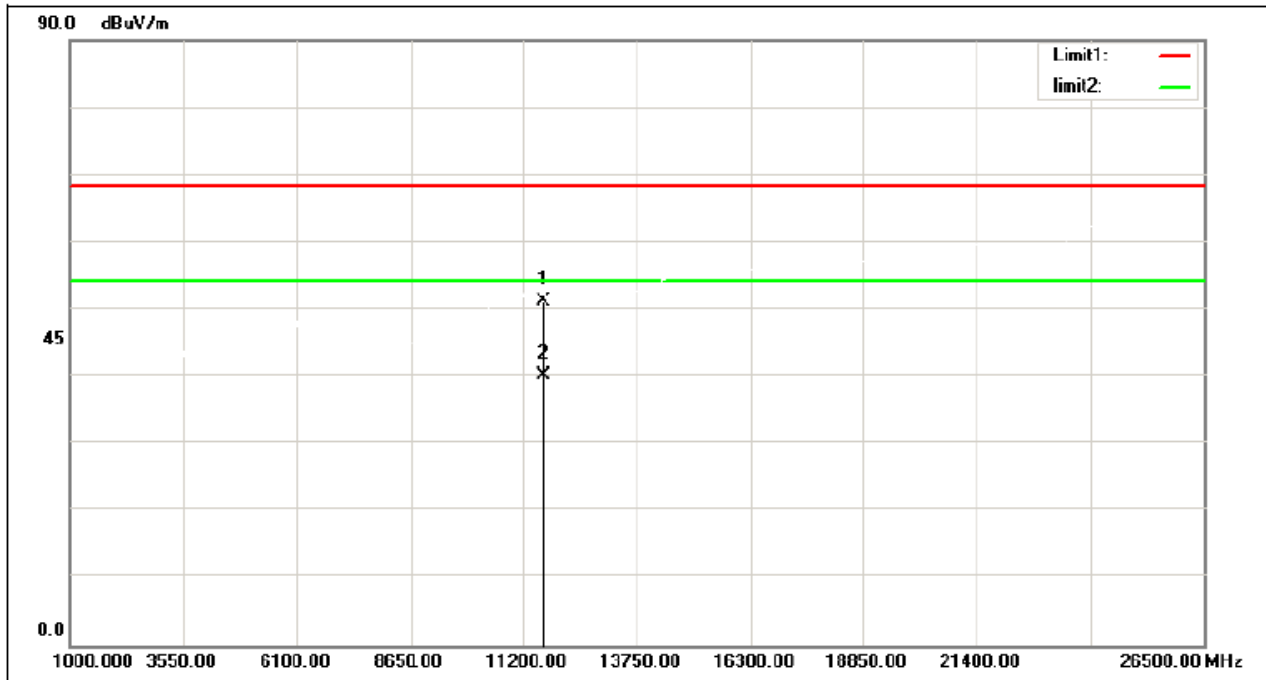
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	43.59	8.00	51.59	68.30	-16.71	peak
2	11570.000	32.64	8.00	40.64	54.00	-13.36	AVG

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

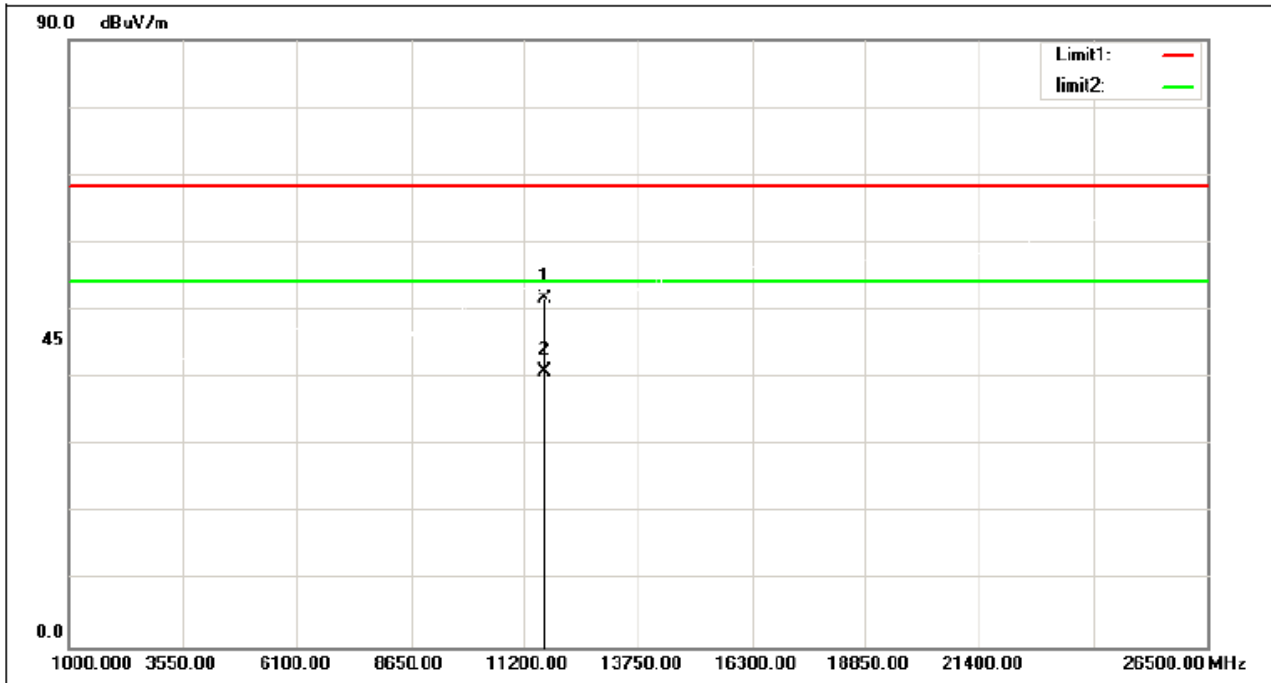
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.33	7.97	51.30	68.30	-17.00	peak
2	11650.000	32.15	7.97	40.12	54.00	-13.88	AVG

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

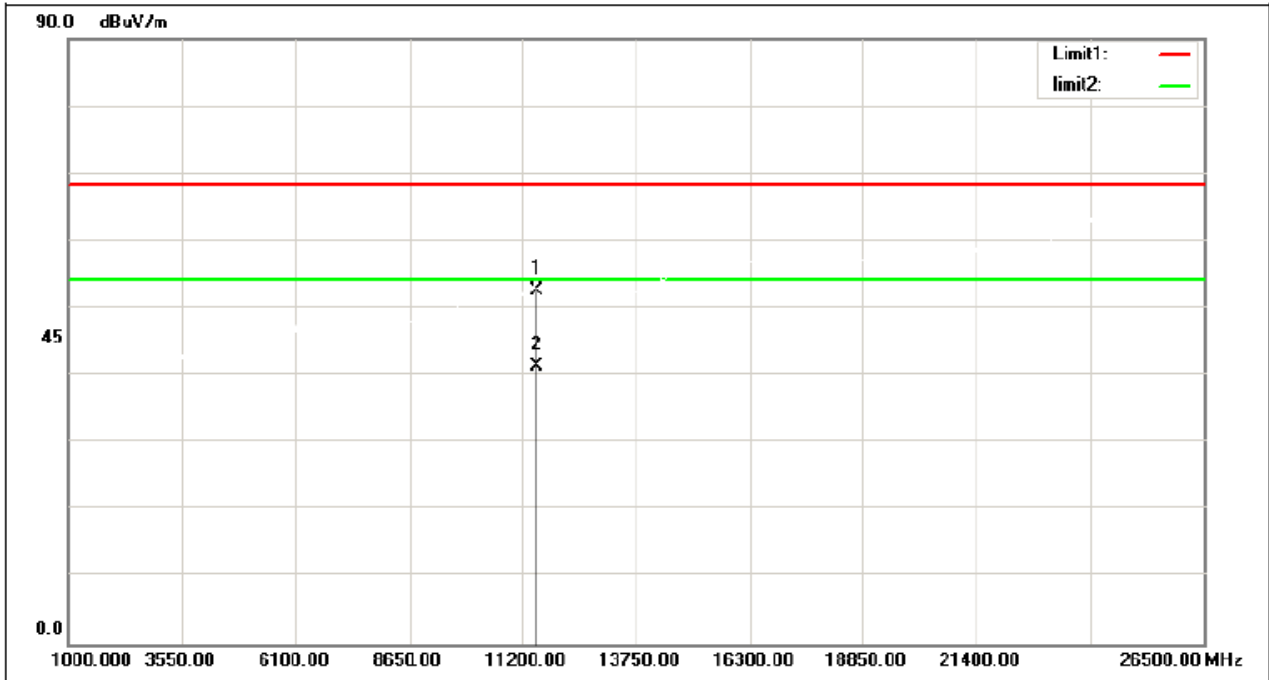
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.74	7.97	51.71	68.30	-16.59	peak
2	11650.000	32.77	7.97	40.74	54.00	-13.26	AVG

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

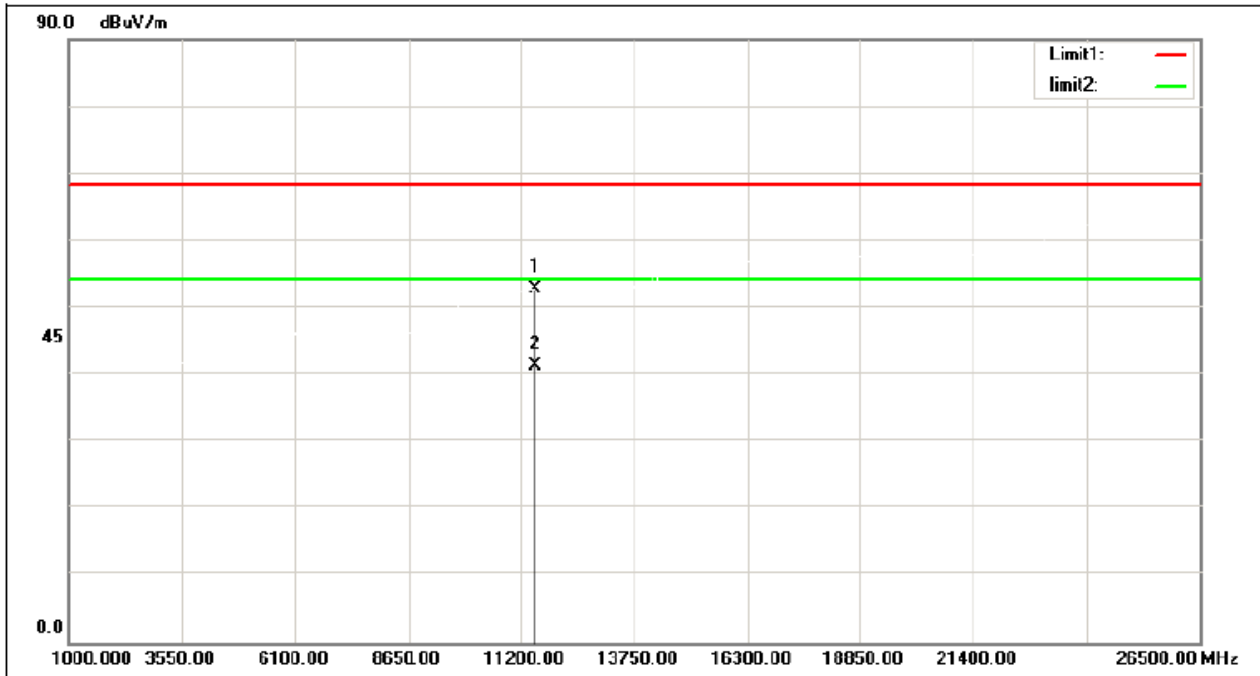
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	44.49	8.04	52.53	68.30	-15.77	peak
2	11510.000	33.20	8.04	41.24	54.00	-12.76	AVG

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

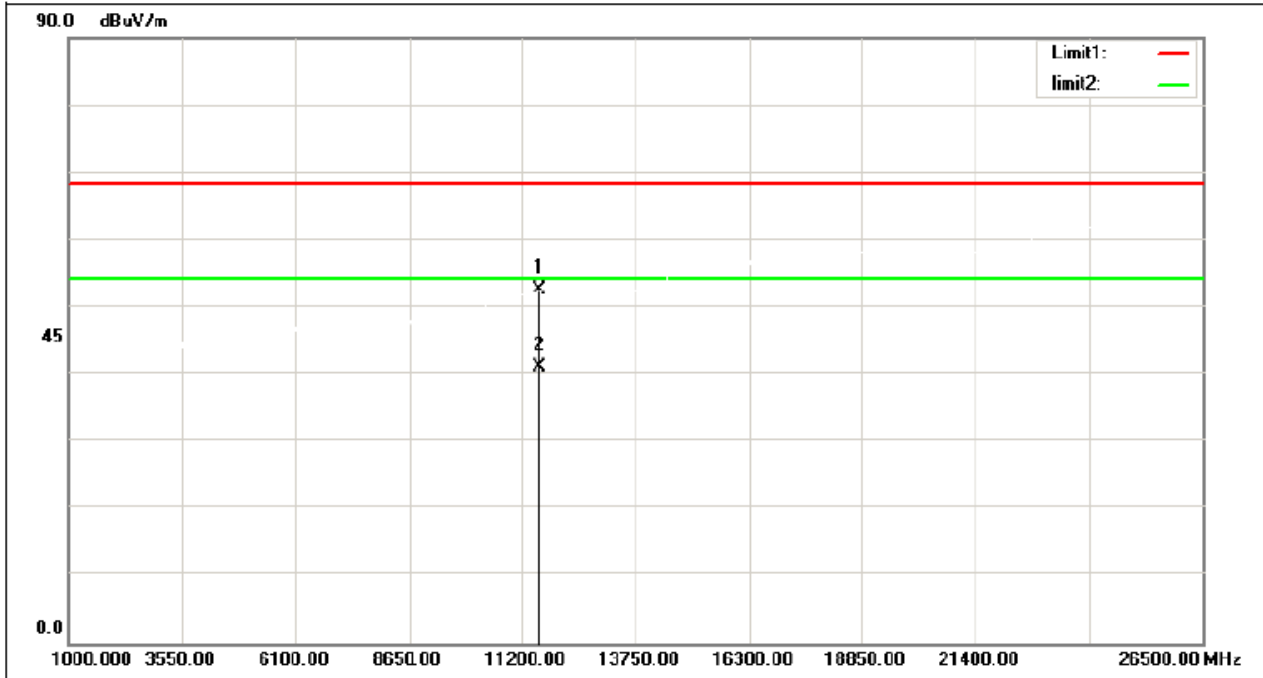
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	44.71	8.04	52.75	68.30	-15.55	peak
2	11510.000	33.30	8.04	41.34	54.00	-12.66	AVG

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

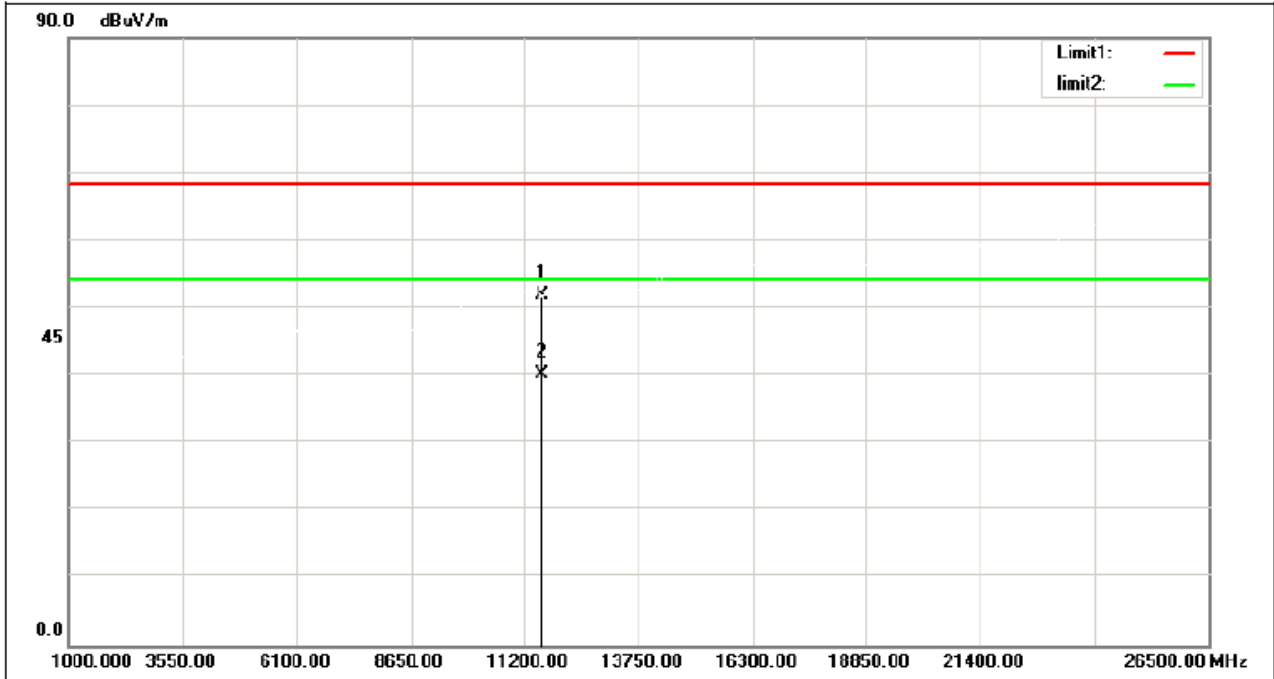
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	44.57	8.01	52.58	68.30	-15.72	peak
2	11590.000	33.05	8.01	41.06	54.00	-12.94	AVG

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

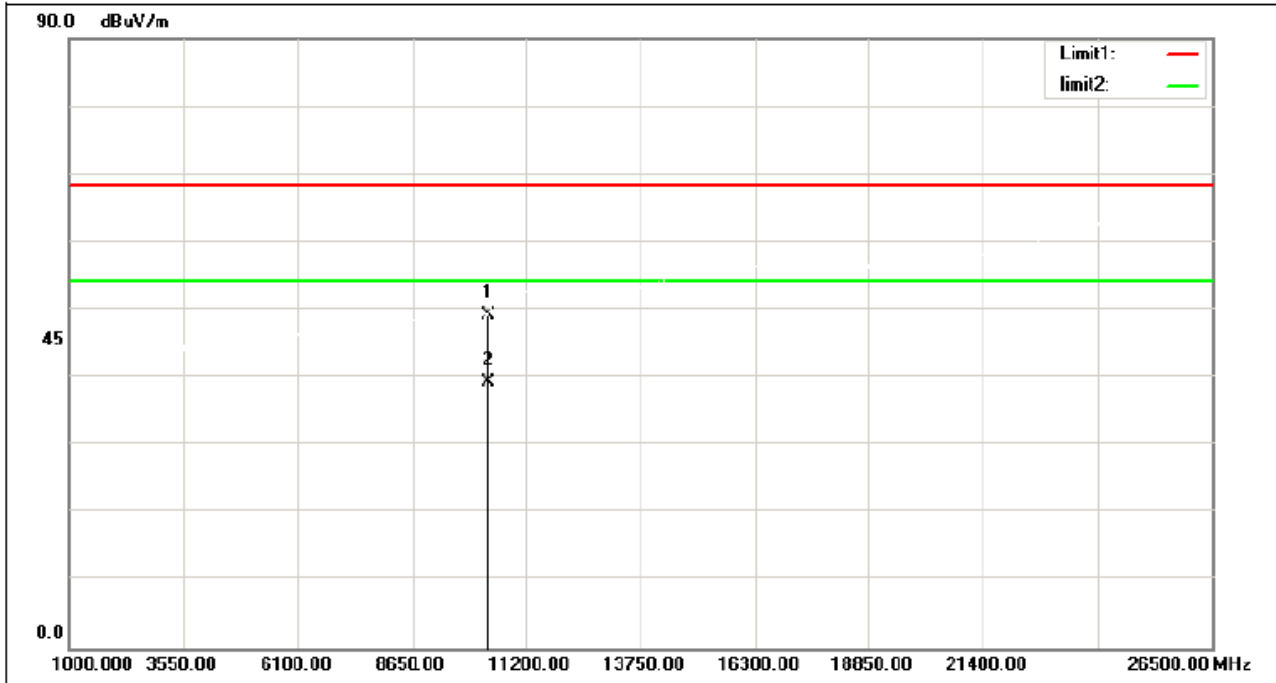
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	43.85	8.01	51.86	68.30	-16.44	peak
2	11590.000	32.26	8.01	40.27	54.00	-13.73	AVG

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

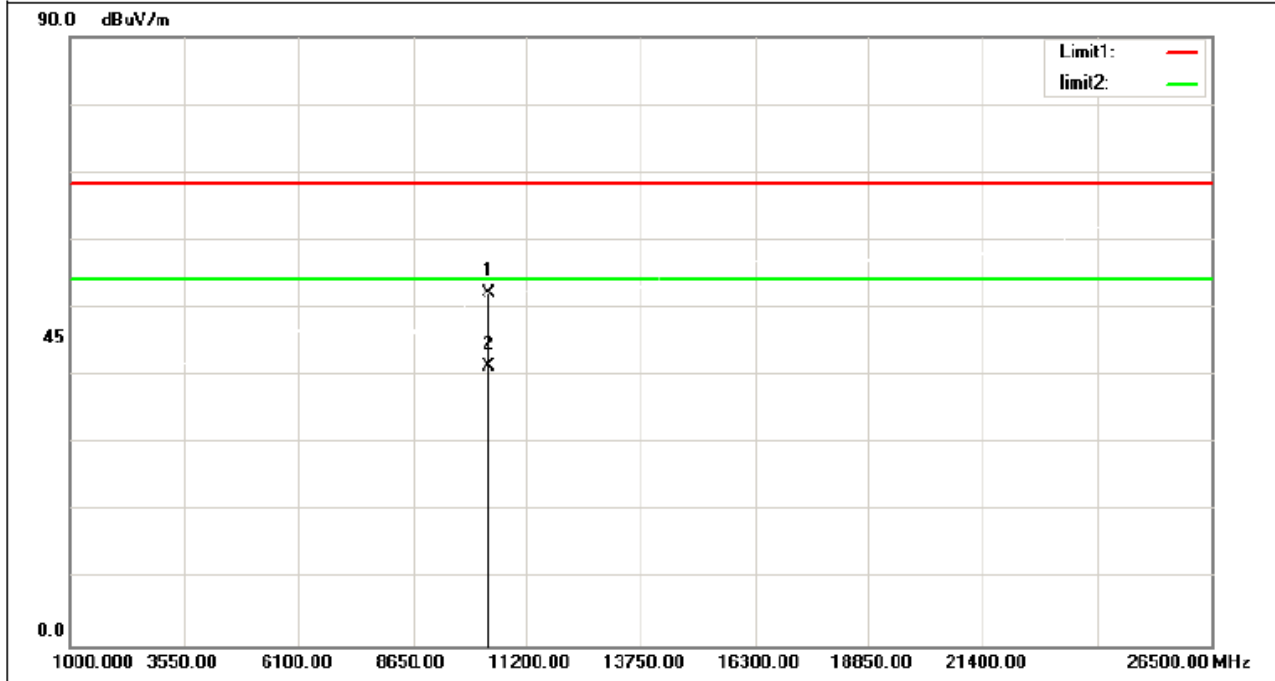
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	42.94	6.22	49.16	68.30	-19.14	peak
2	10360.000	33.07	6.22	39.29	54.00	-14.71	AVG

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

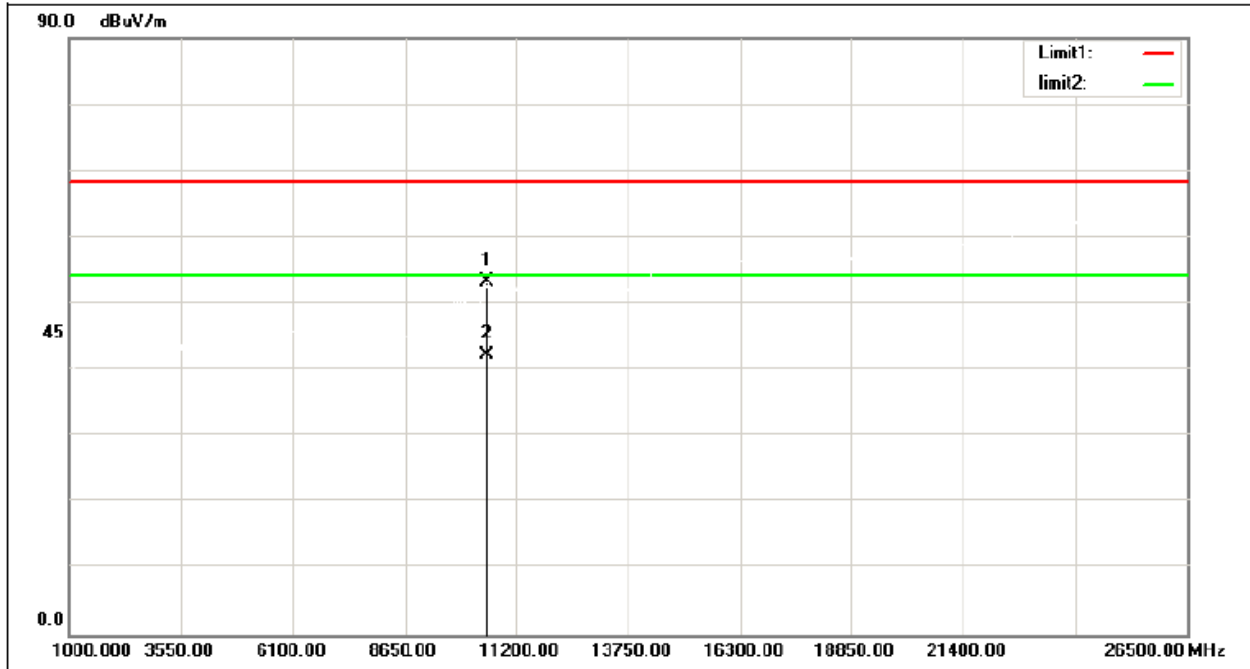
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	45.93	6.22	52.15	68.30	-16.15	peak
2	10360.000	35.03	6.22	41.25	54.00	-12.75	AVG

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

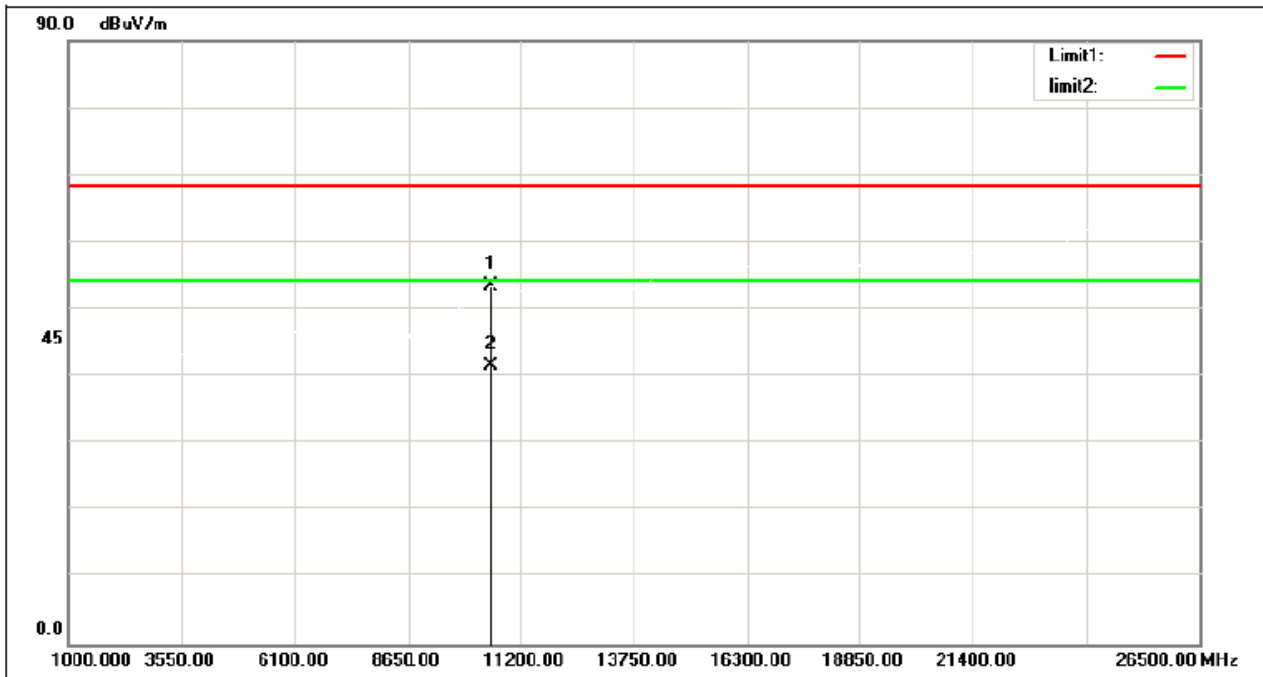
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	46.39	6.74	53.13	68.30	-15.17	peak
2	10520.000	35.56	6.74	42.30	54.00	-11.70	AVG

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

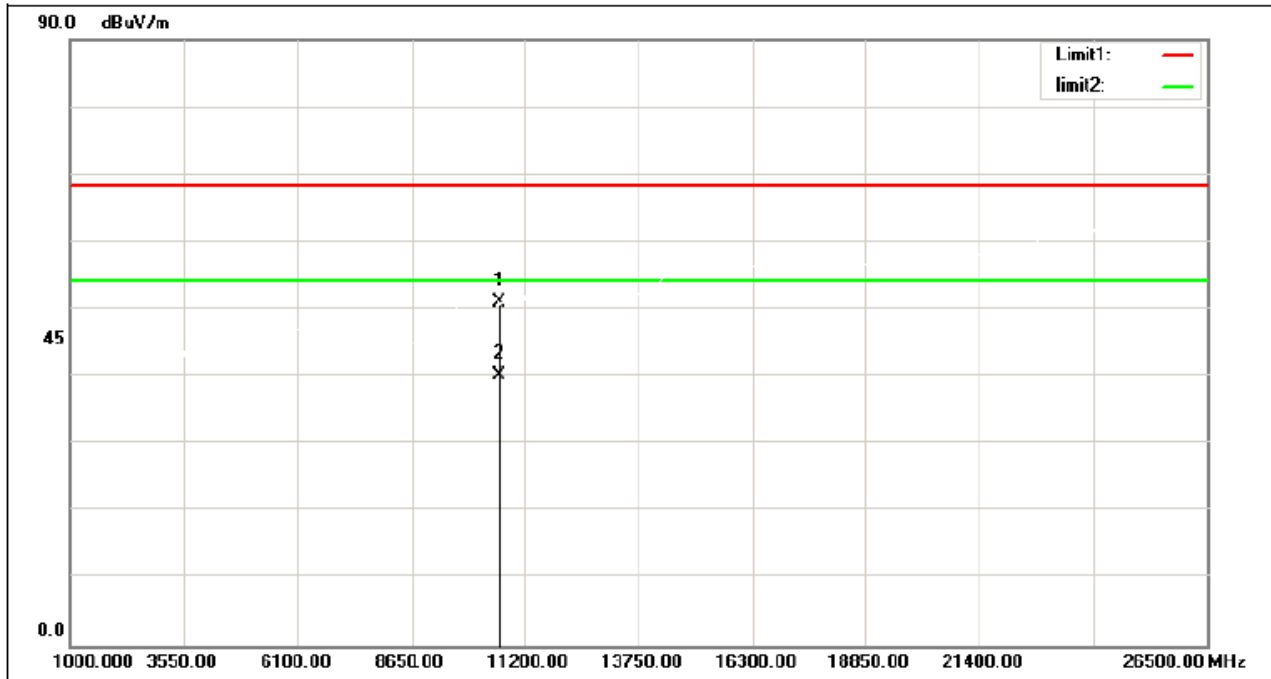
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	46.65	6.74	53.39	68.30	-14.91	peak
2	10520.000	34.78	6.74	41.52	54.00	-12.48	AVG

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

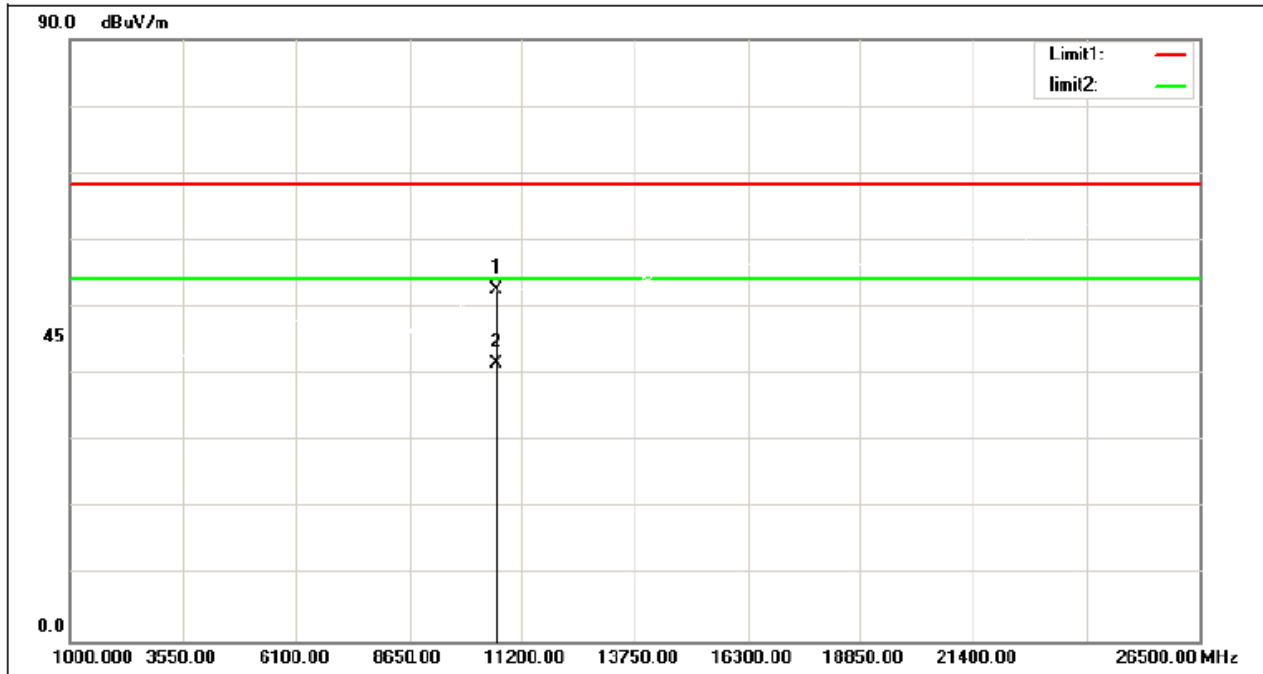
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	43.89	7.13	51.02	68.30	-17.28	peak
2	10640.000	32.99	7.13	40.12	54.00	-13.88	AVG

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

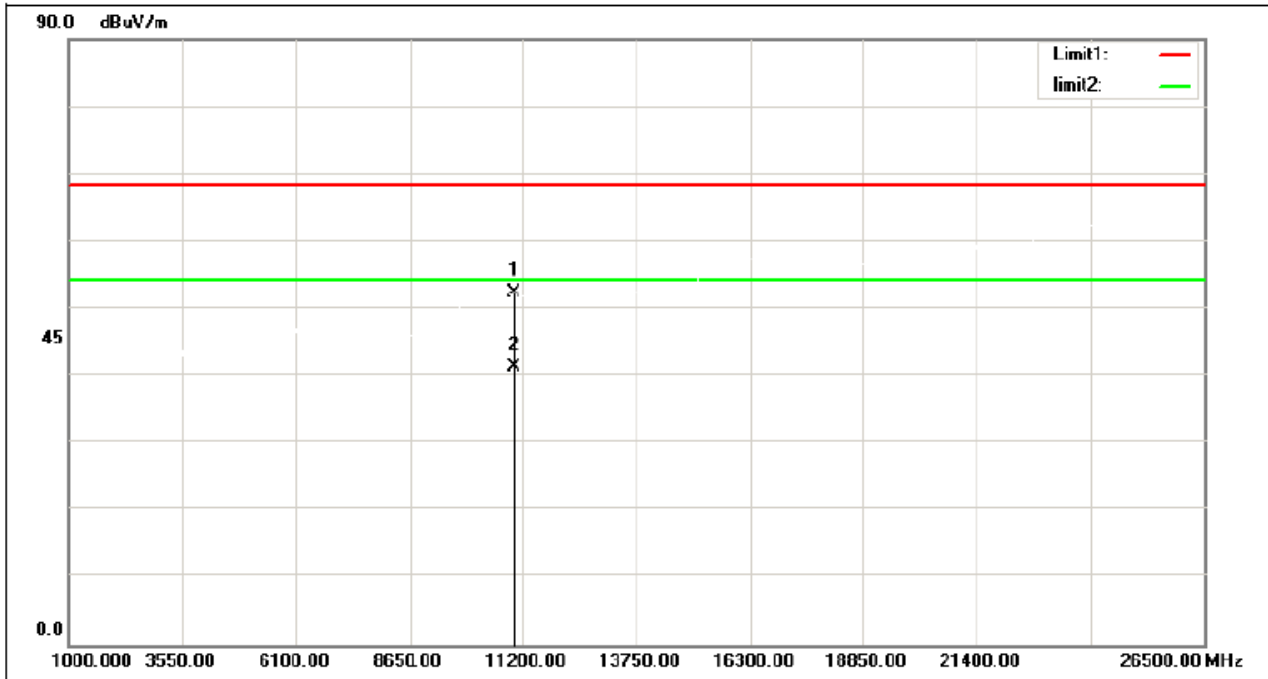
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	45.48	7.13	52.61	68.30	-15.69	peak
2	10640.000	34.29	7.13	41.42	54.00	-12.58	AVG

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

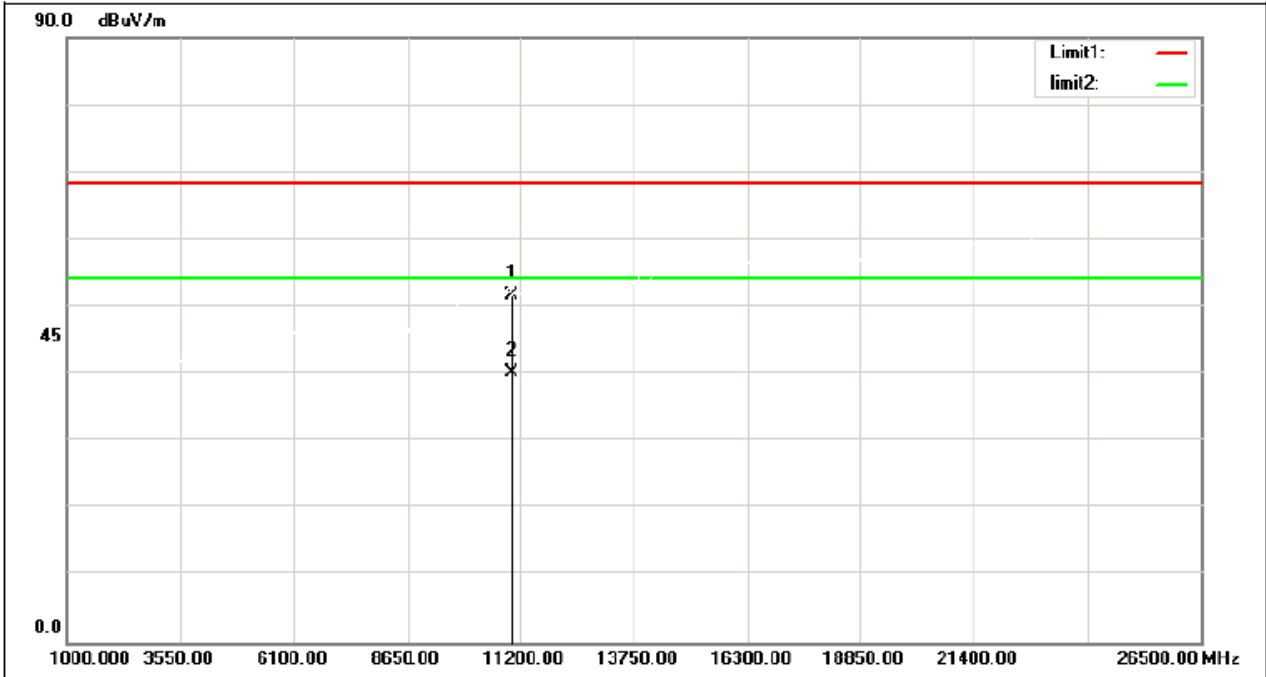
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	44.04	8.32	52.36	68.30	-15.94	peak
2	11000.000	32.95	8.32	41.27	54.00	-12.73	AVG

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

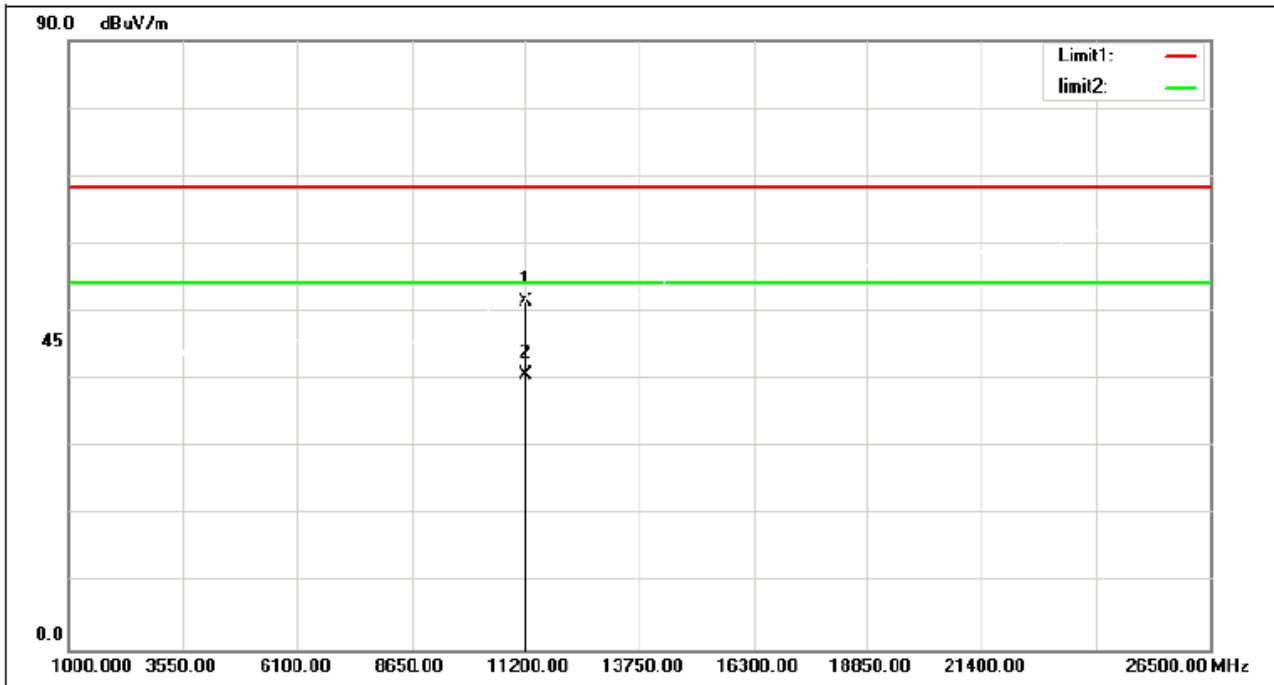
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	43.39	8.32	51.71	68.30	-16.59	peak
2	11000.000	31.82	8.32	40.14	54.00	-13.86	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5600 MHz

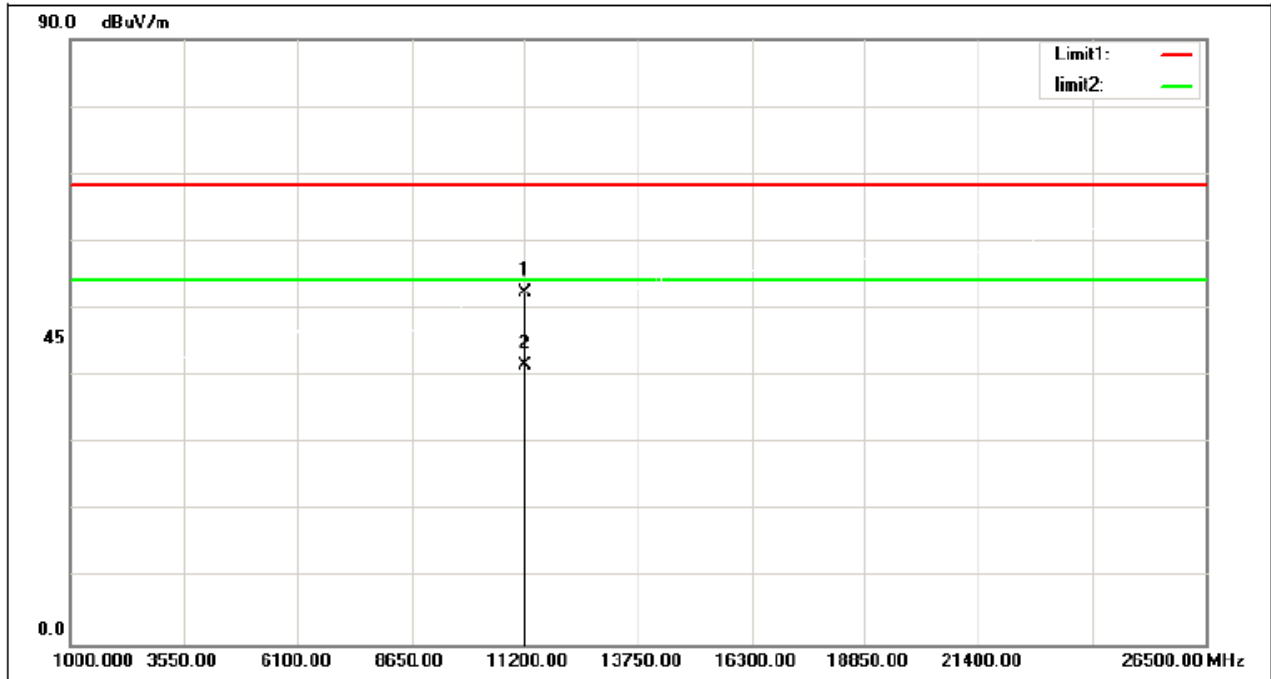
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	43.13	8.21	51.34	68.30	-16.96	peak
2	11200.000	32.33	8.21	40.54	54.00	-13.46	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT20) Mode 5600 MHz

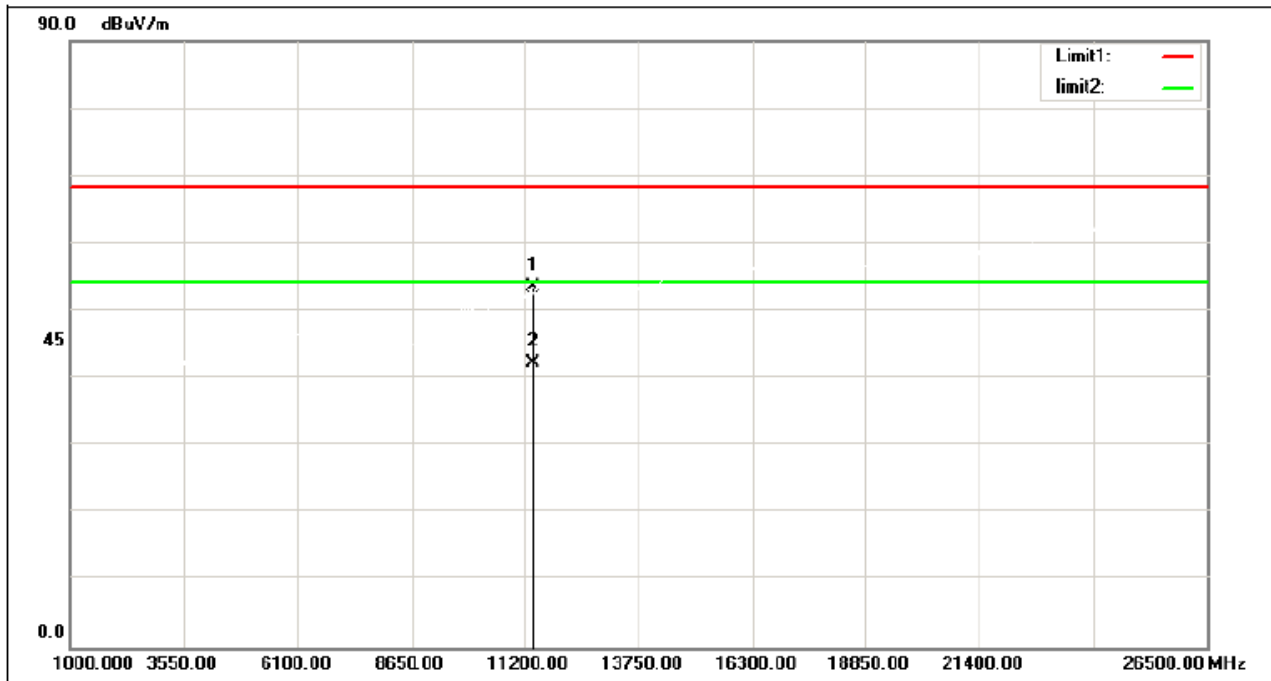
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	44.05	8.21	52.26	68.30	-16.04	peak
2	11200.000	33.30	8.21	41.51	54.00	-12.49	AVG

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

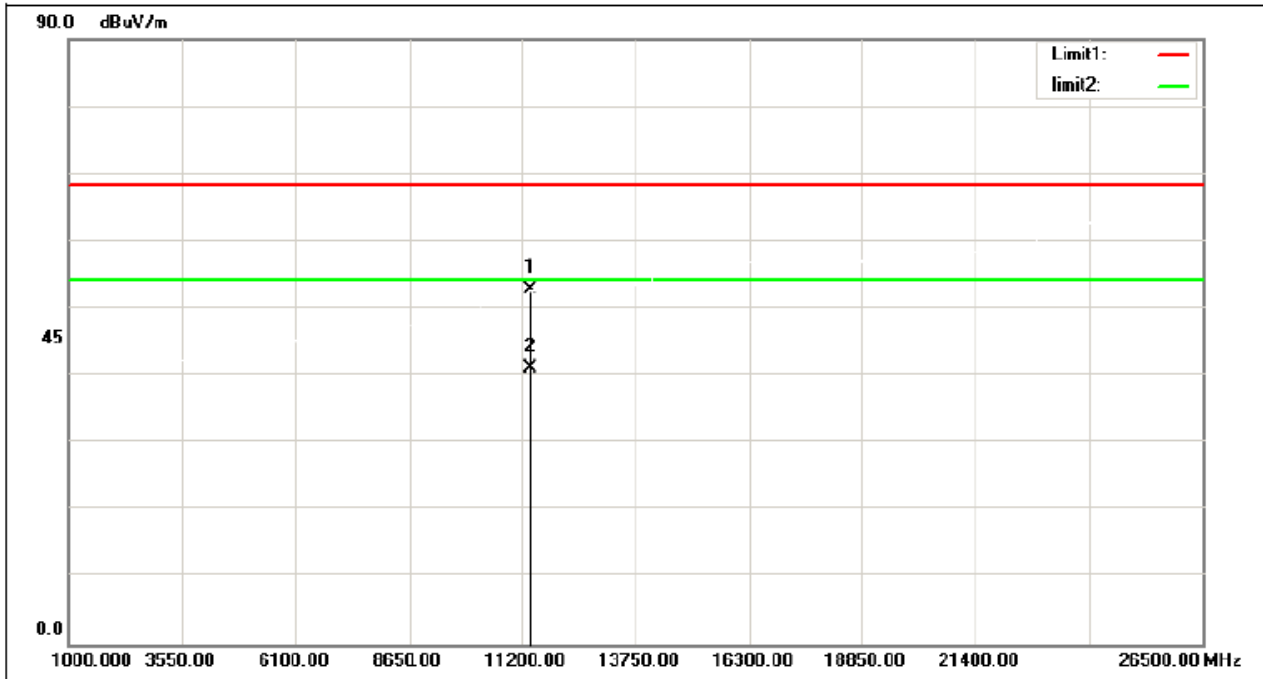
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	45.43	8.10	53.53	68.30	-14.77	peak
2	11400.000	34.03	8.10	42.13	54.00	-11.87	AVG

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

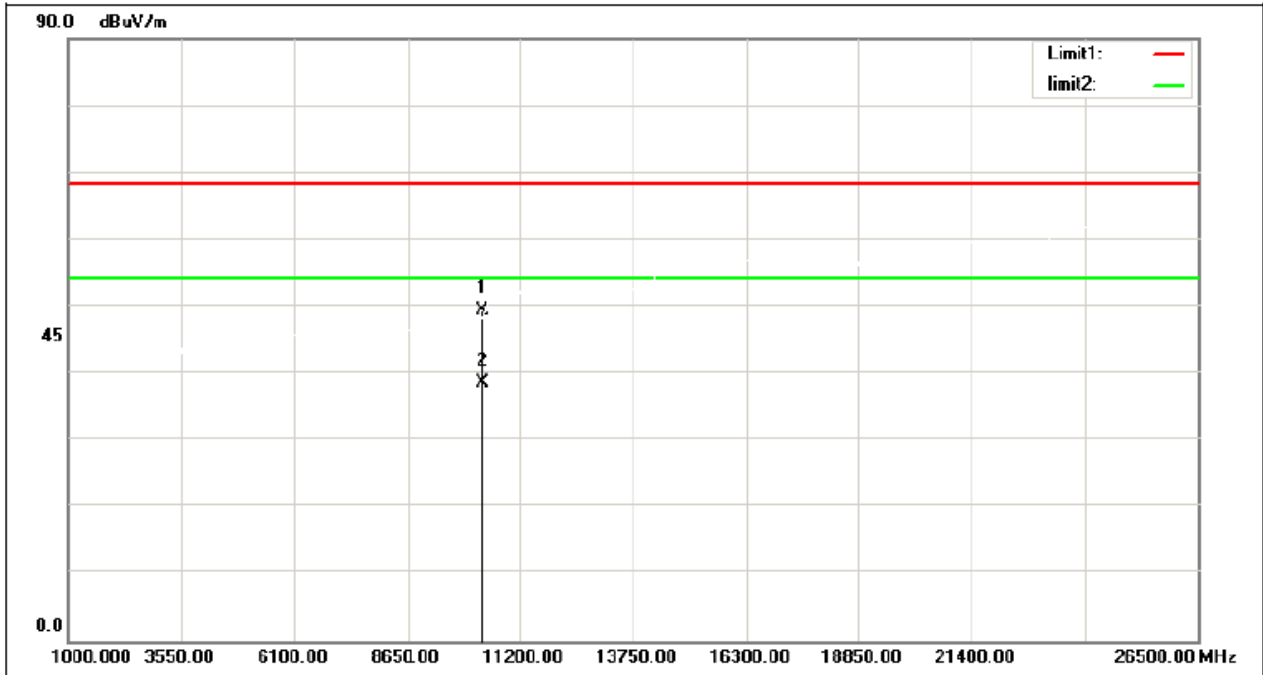
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	44.72	8.10	52.82	68.30	-15.48	peak
2	11400.000	32.95	8.10	41.05	54.00	-12.95	AVG

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

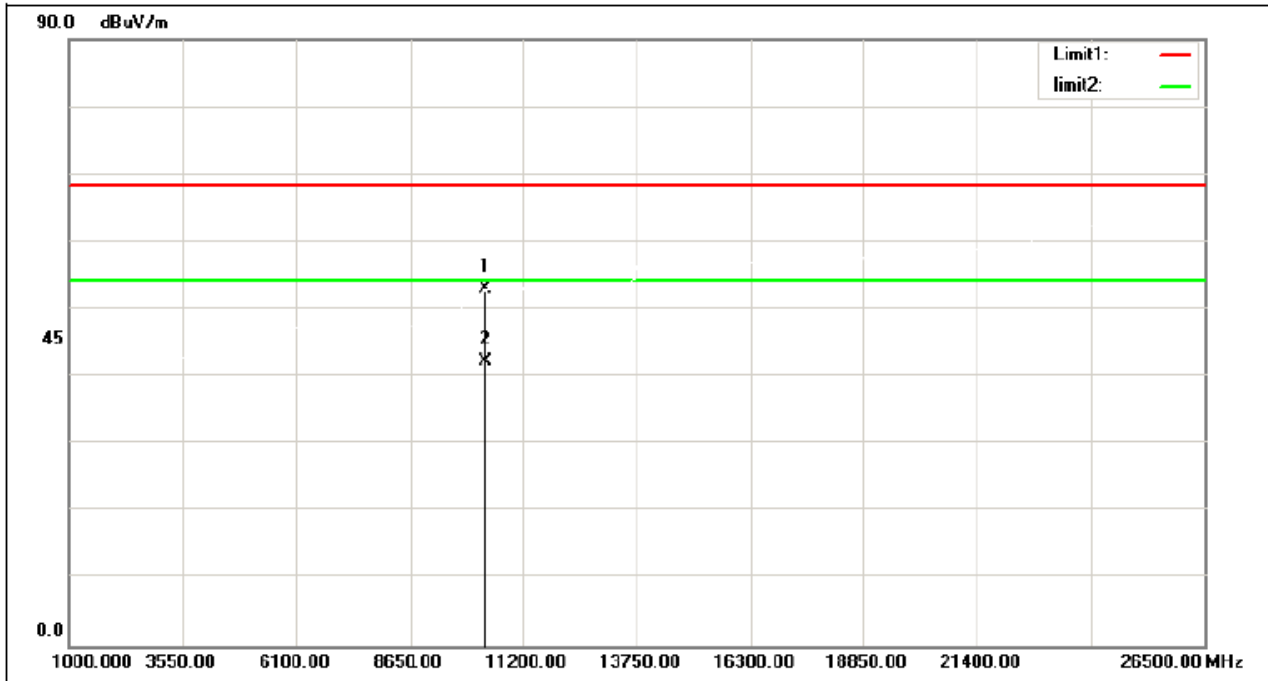
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	43.12	6.28	49.40	68.30	-18.90	peak
2	10380.000	32.20	6.28	38.48	54.00	-15.52	AVG

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

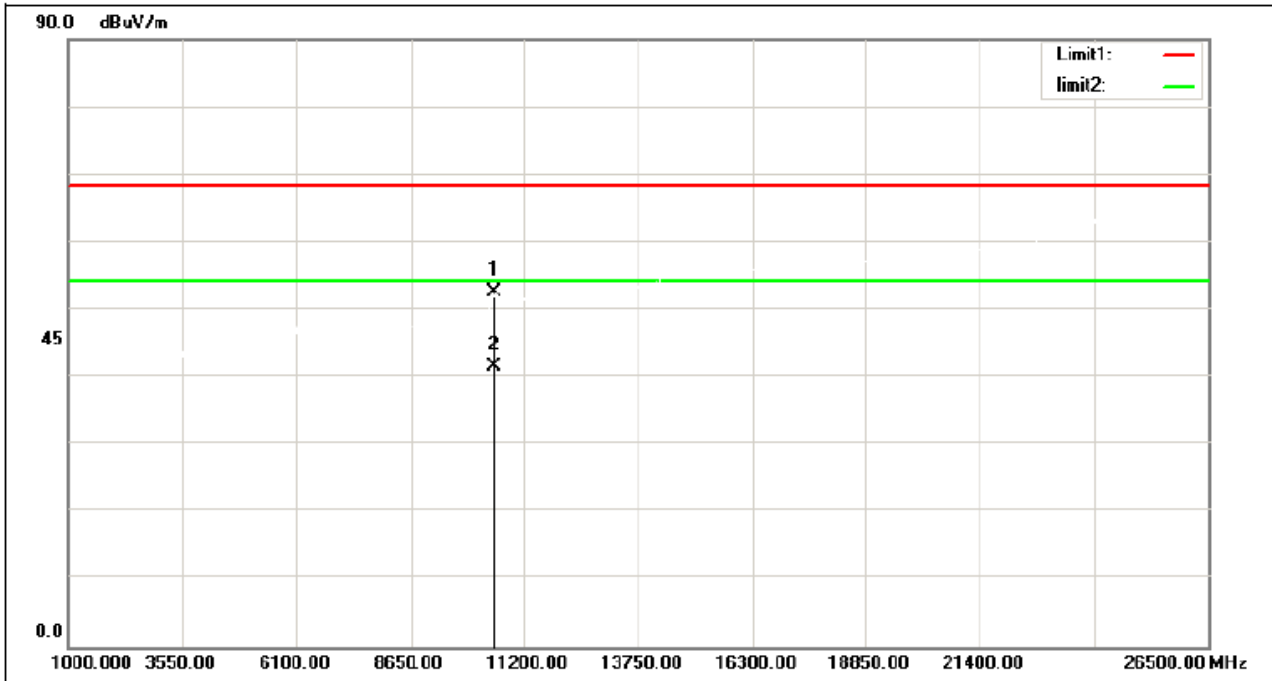
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	46.78	6.28	53.06	68.30	-15.24	peak
2	10380.000	35.84	6.28	42.12	54.00	-11.88	AVG

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

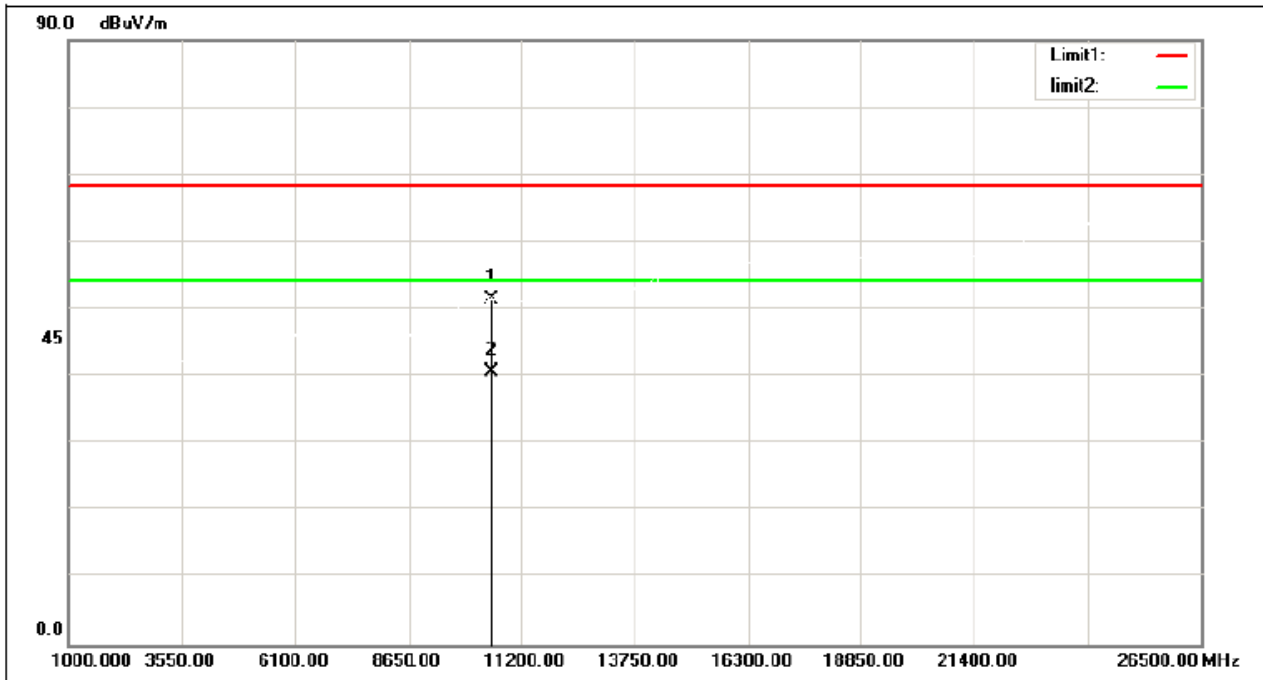
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	45.83	6.80	52.63	68.30	-15.67	peak
2	10540.000	34.74	6.80	41.54	54.00	-12.46	AVG

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

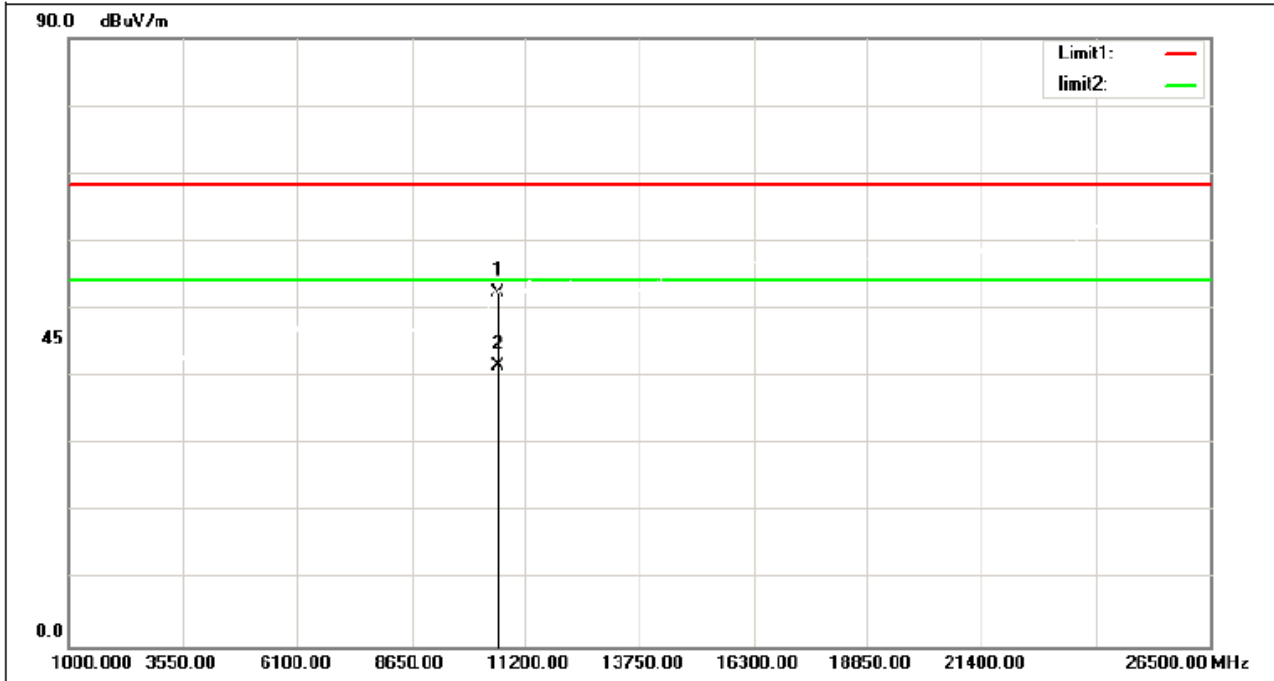
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	44.59	6.80	51.39	68.30	-16.91	peak
2	10540.000	33.84	6.80	40.64	54.00	-13.36	AVG

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

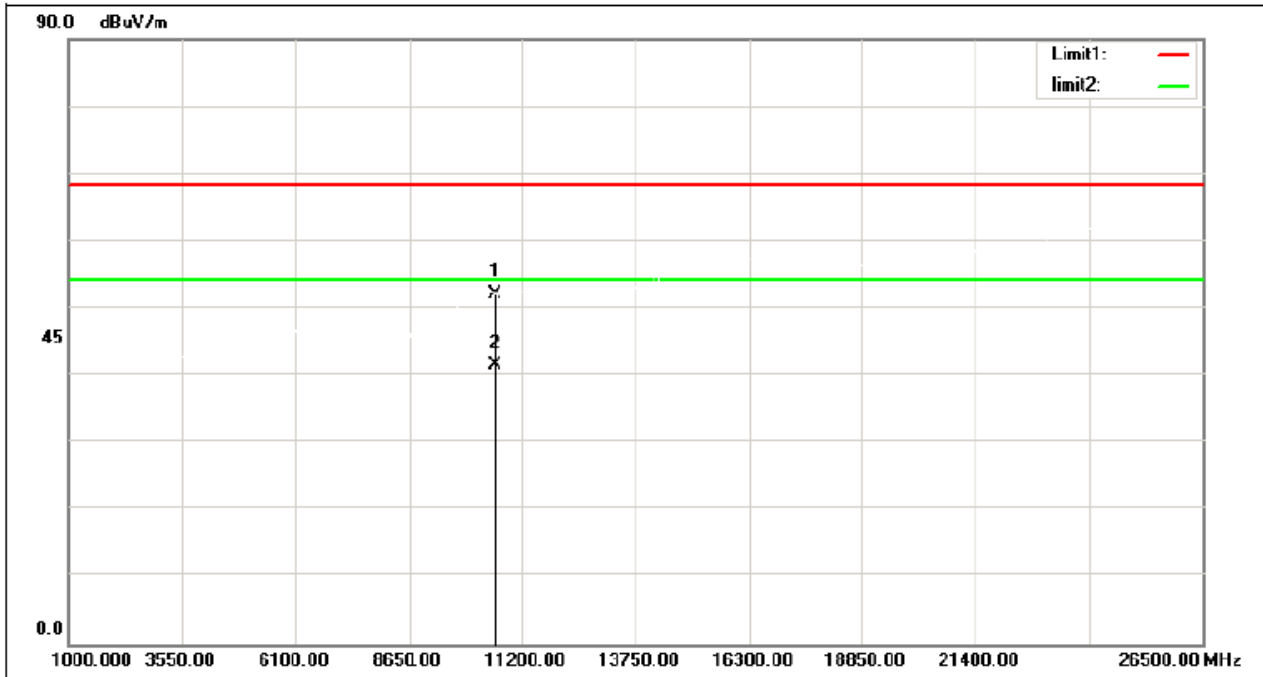
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	45.28	7.07	52.35	68.30	-15.95	peak
2	10620.000	34.45	7.07	41.52	54.00	-12.48	AVG

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

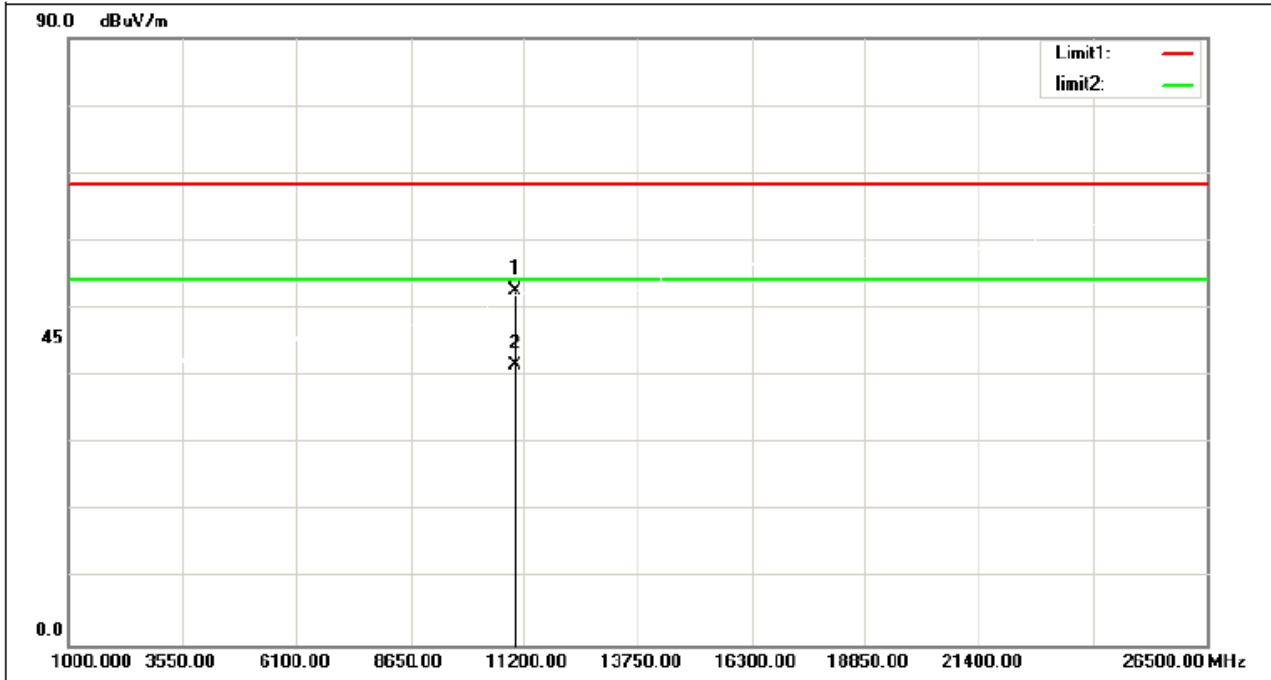
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	45.04	7.07	52.11	68.30	-16.19	peak
2	10620.000	34.54	7.07	41.61	54.00	-12.39	AVG

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

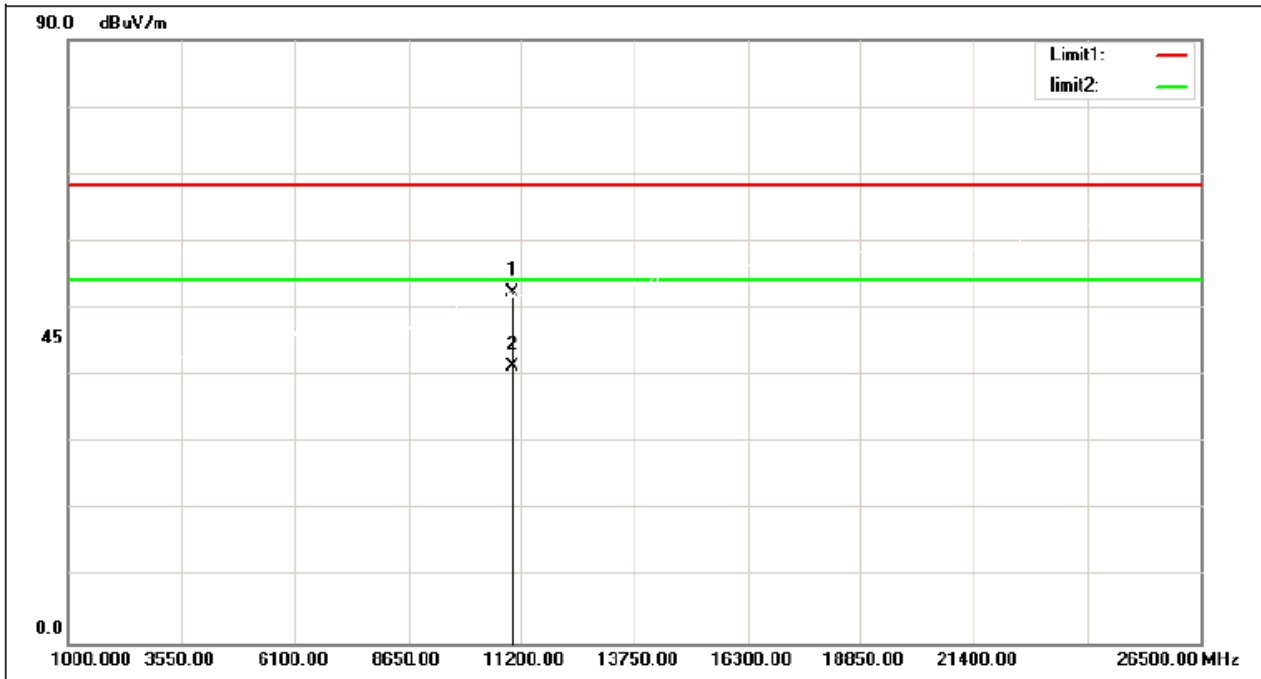
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	44.19	8.30	52.49	68.30	-15.81	peak
2	11020.000	33.24	8.30	41.54	54.00	-12.46	AVG

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

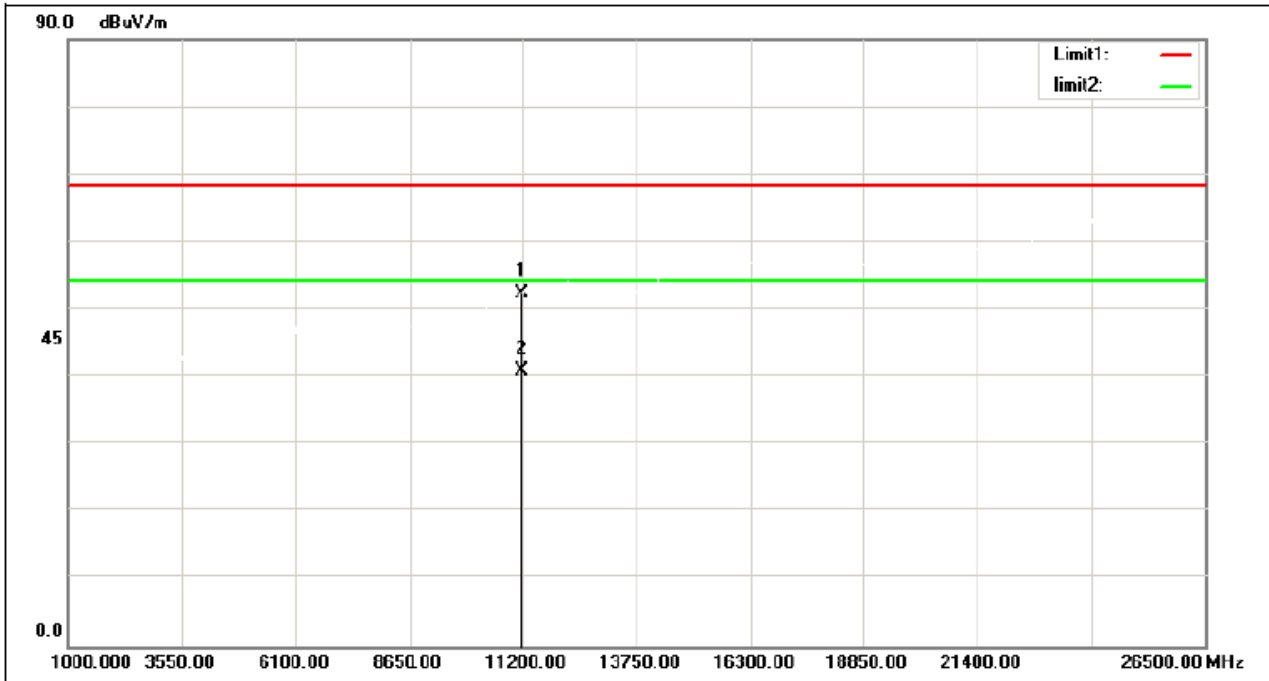
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	44.05	8.30	52.35	68.30	-15.95	peak
2	11020.000	32.94	8.30	41.24	54.00	-12.76	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5590 MHz

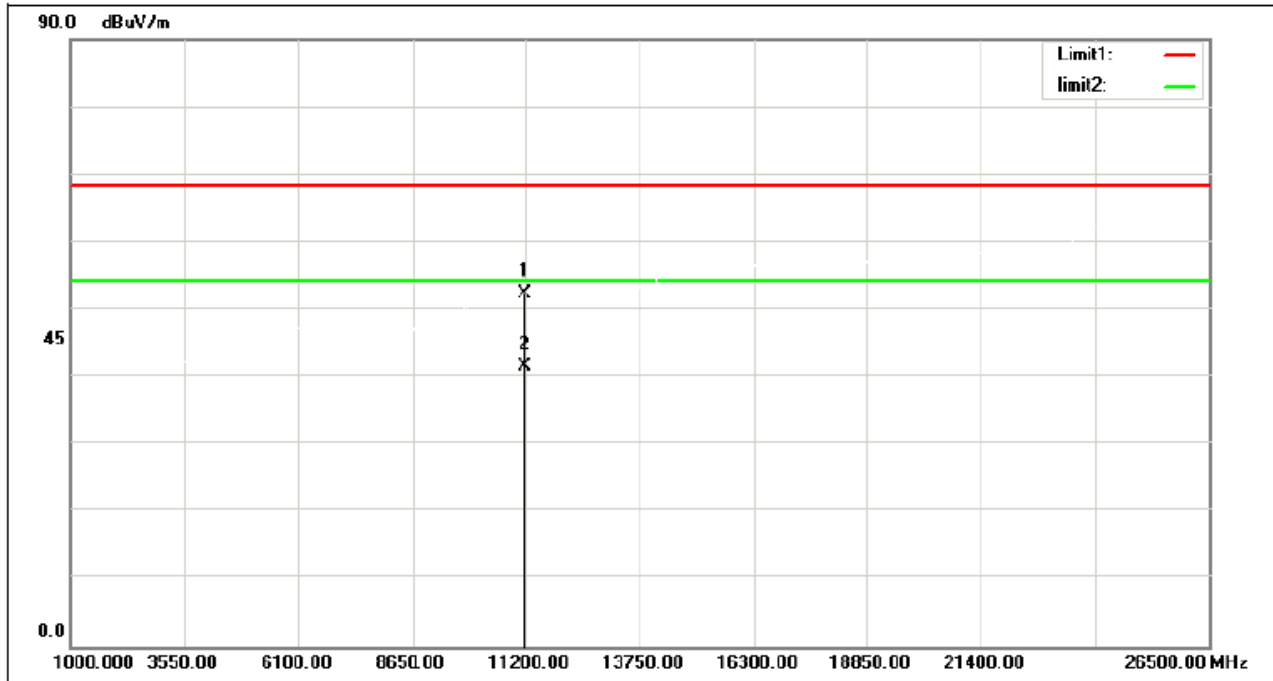
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	44.11	8.23	52.34	68.30	-15.96	peak
2	11180.000	32.52	8.23	40.75	54.00	-13.25	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5590 MHz

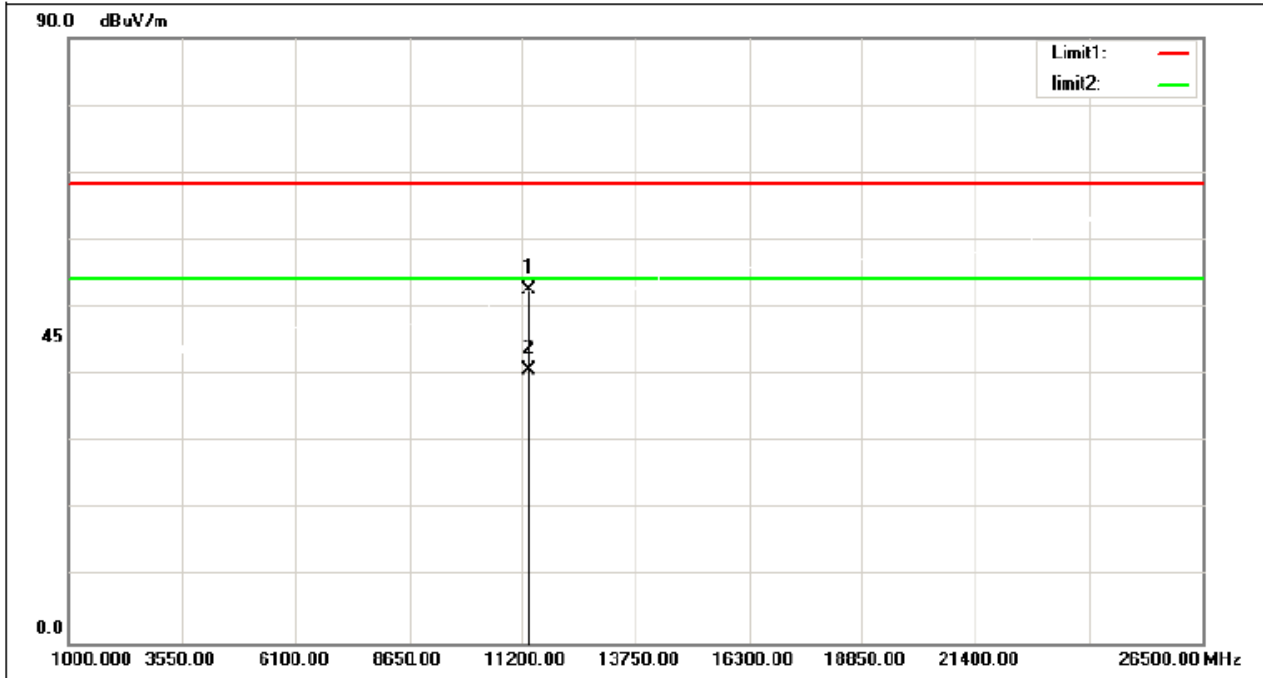
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	44.03	8.23	52.26	68.30	-16.04	peak
2	11180.000	33.28	8.23	41.51	54.00	-12.49	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5670 MHz

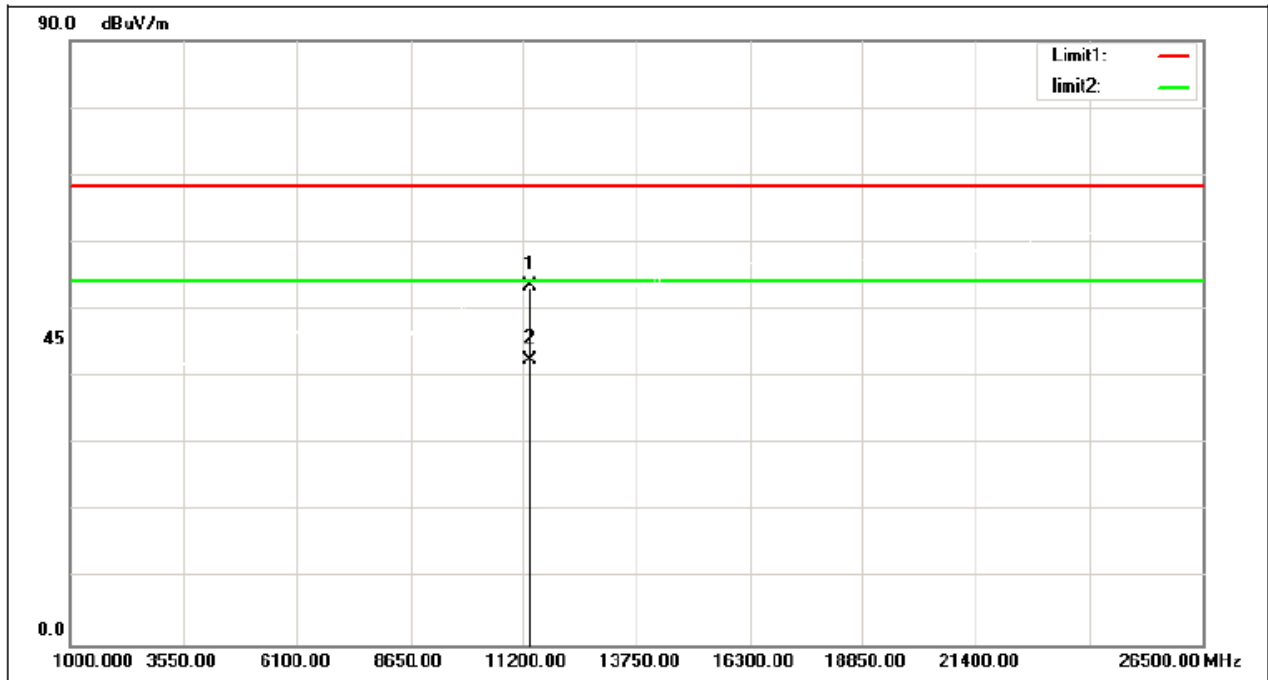
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	44.36	8.14	52.50	68.30	-15.80	peak
2	11340.000	32.40	8.14	40.54	54.00	-13.46	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT40) Mode 5670 MHz

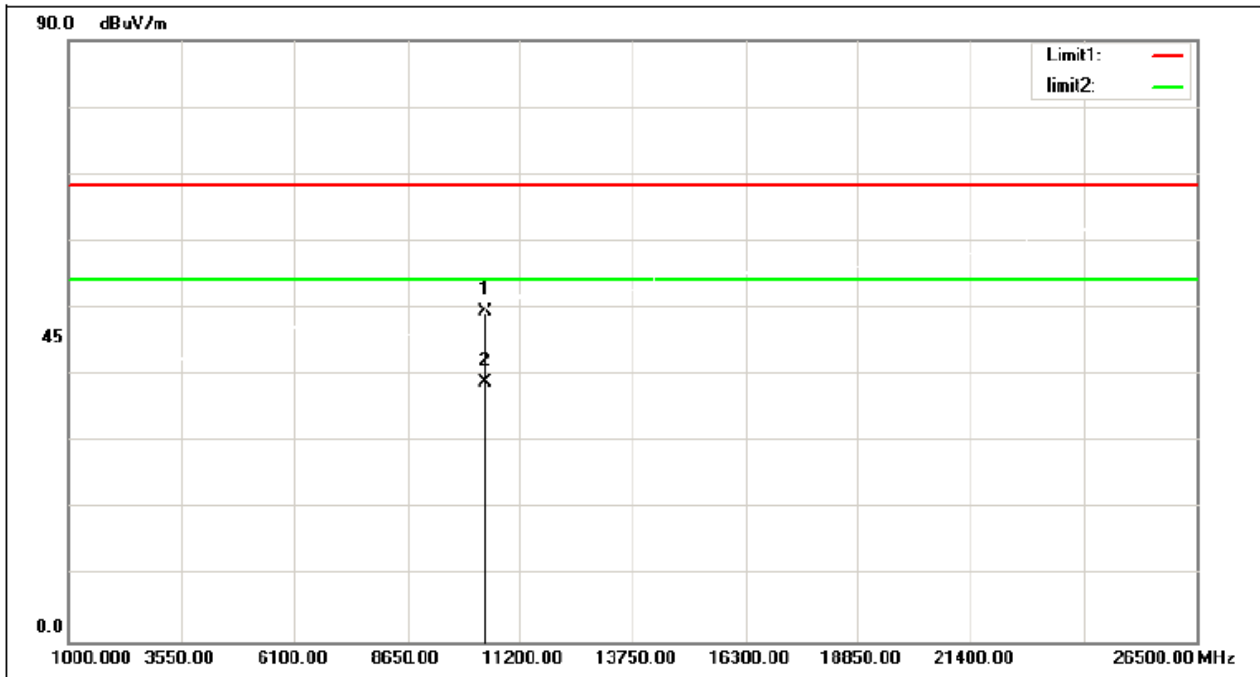
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	45.41	8.14	53.55	68.30	-14.75	peak
2	11340.000	34.20	8.14	42.34	54.00	-11.66	AVG

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

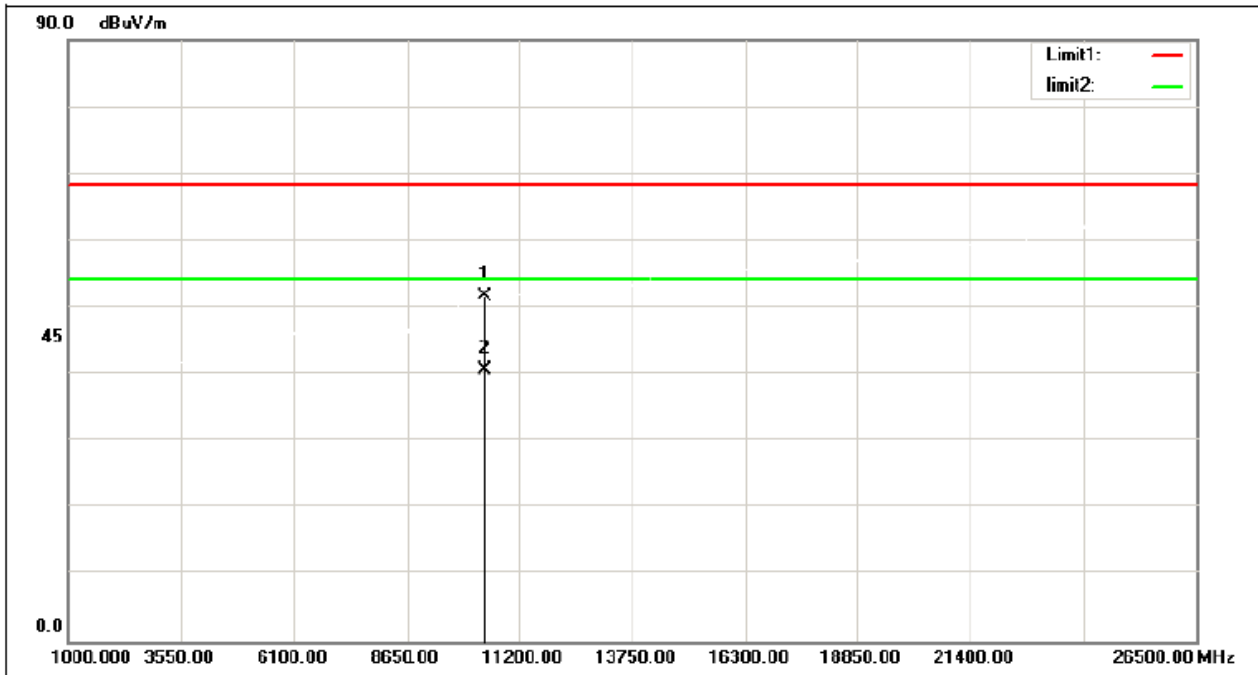
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	42.99	6.41	49.40	68.30	-18.90	peak
2	10420.000	32.37	6.41	38.78	54.00	-15.22	AVG

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

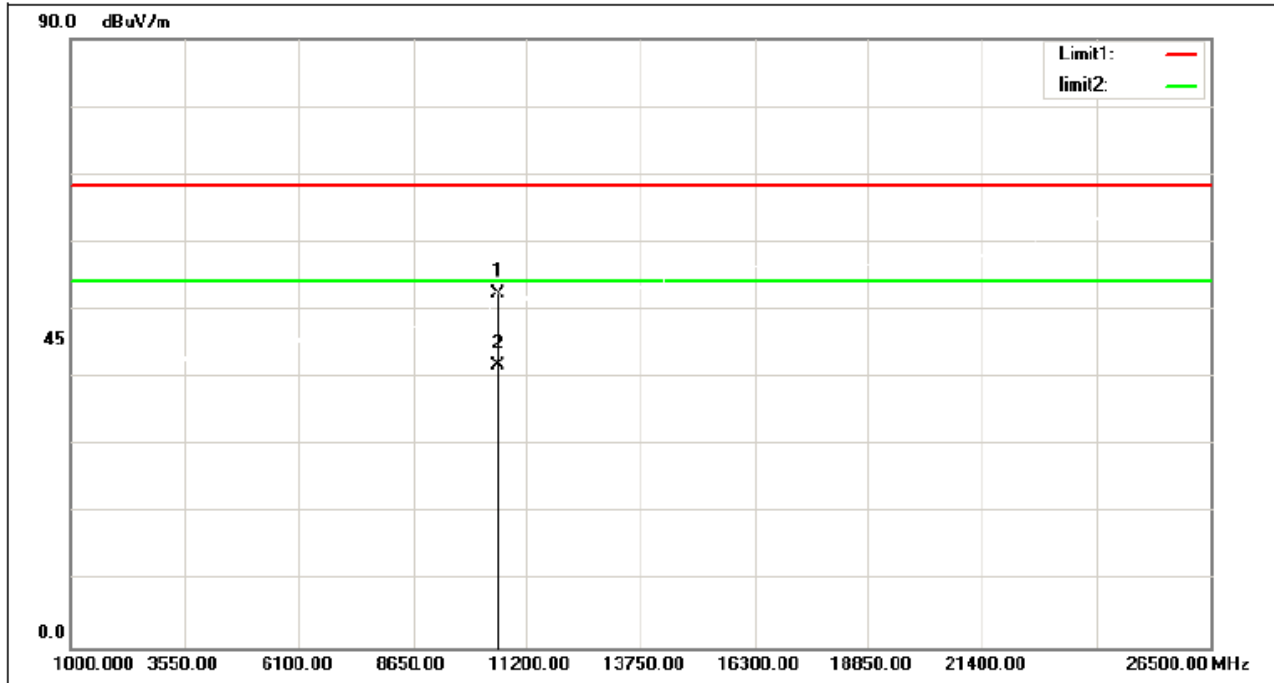
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	45.15	6.41	51.56	68.30	-16.74	peak
2	10420.000	34.15	6.41	40.56	54.00	-13.44	AVG

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

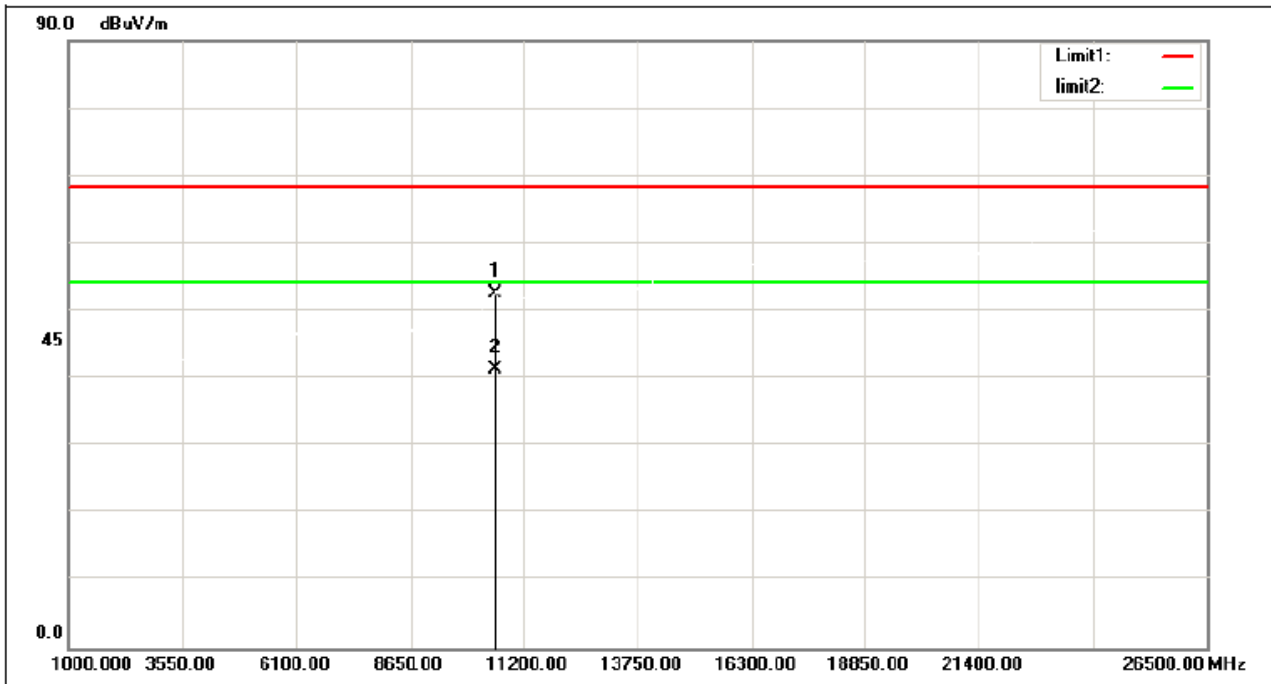
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	45.41	6.94	52.35	68.30	-15.95	peak
2	10580.000	34.78	6.94	41.72	54.00	-12.28	AVG

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

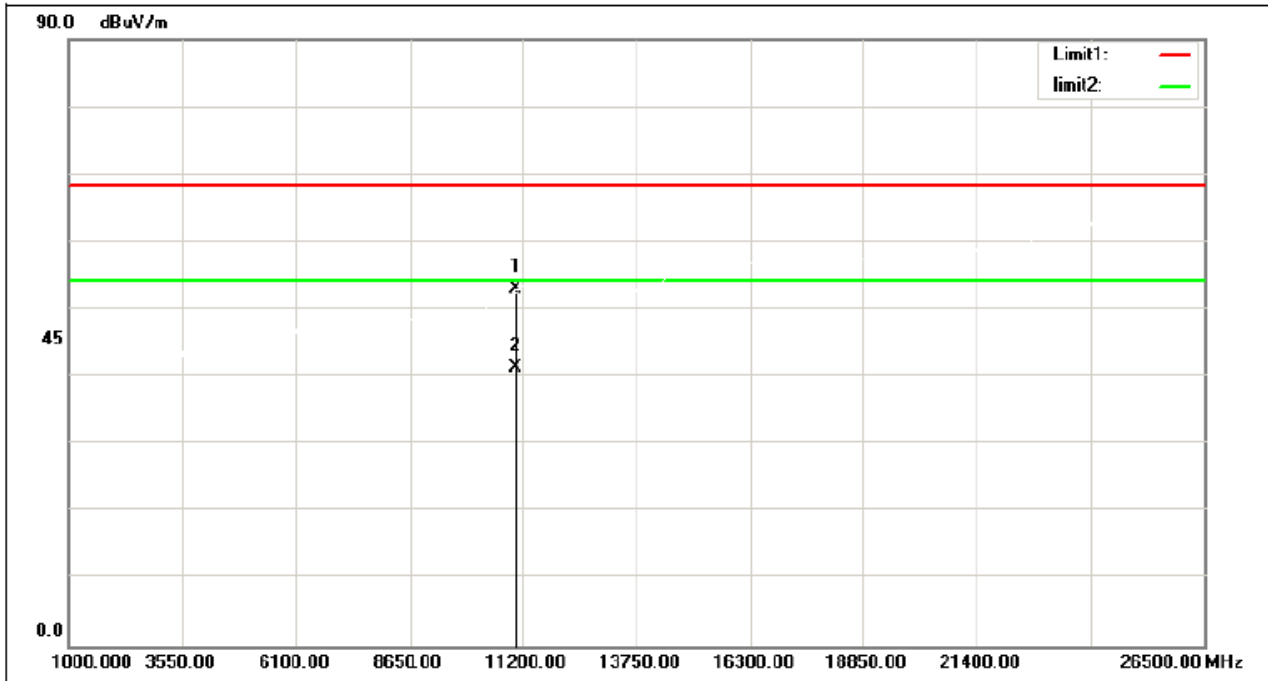
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	45.67	6.94	52.61	68.30	-15.69	peak
2	10580.000	34.30	6.94	41.24	54.00	-12.76	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

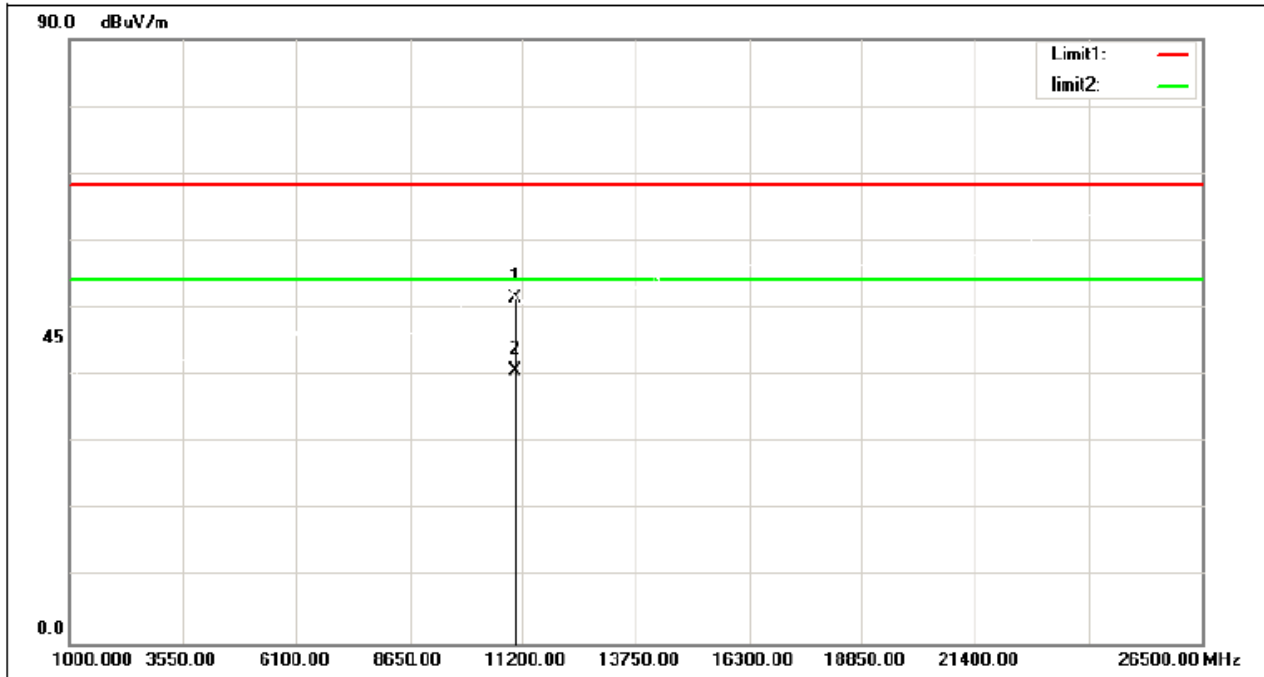
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	44.71	8.28	52.99	68.30	-15.31	peak
2	11060.000	32.96	8.28	41.24	54.00	-12.76	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5530 MHz

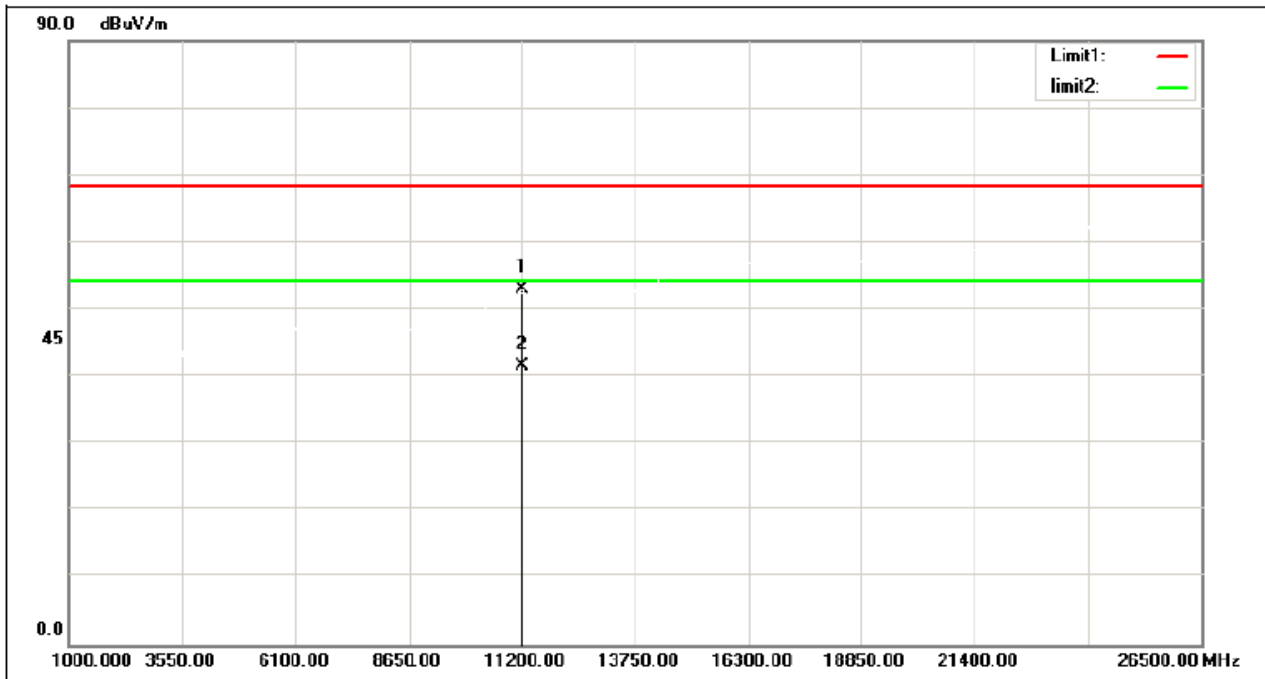
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	43.07	8.28	51.35	68.30	-16.95	peak
2	11060.000	32.29	8.28	40.57	54.00	-13.43	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5610 MHz

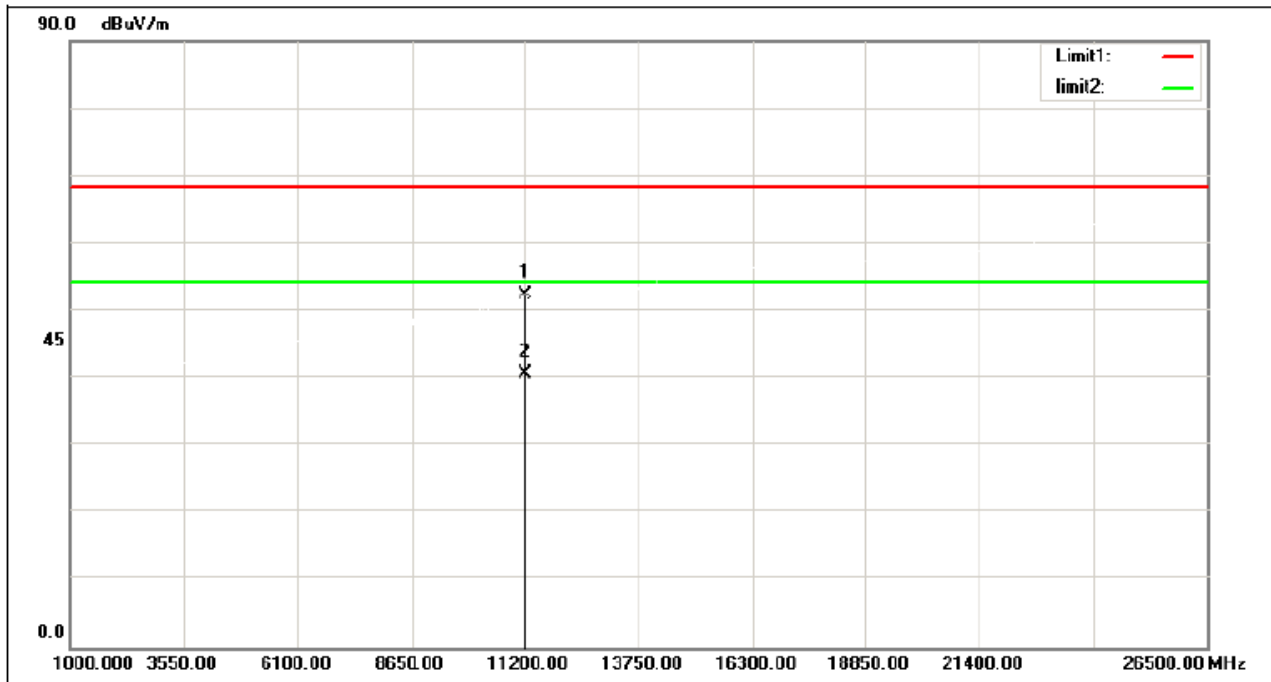
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	44.72	8.19	52.91	68.30	-15.39	peak
2	11220.000	33.23	8.19	41.42	54.00	-12.58	AVG

Orthogonal Axis	X
Test Mode	UNII-2C_TX AC (VHT80) Mode 5610 MHz

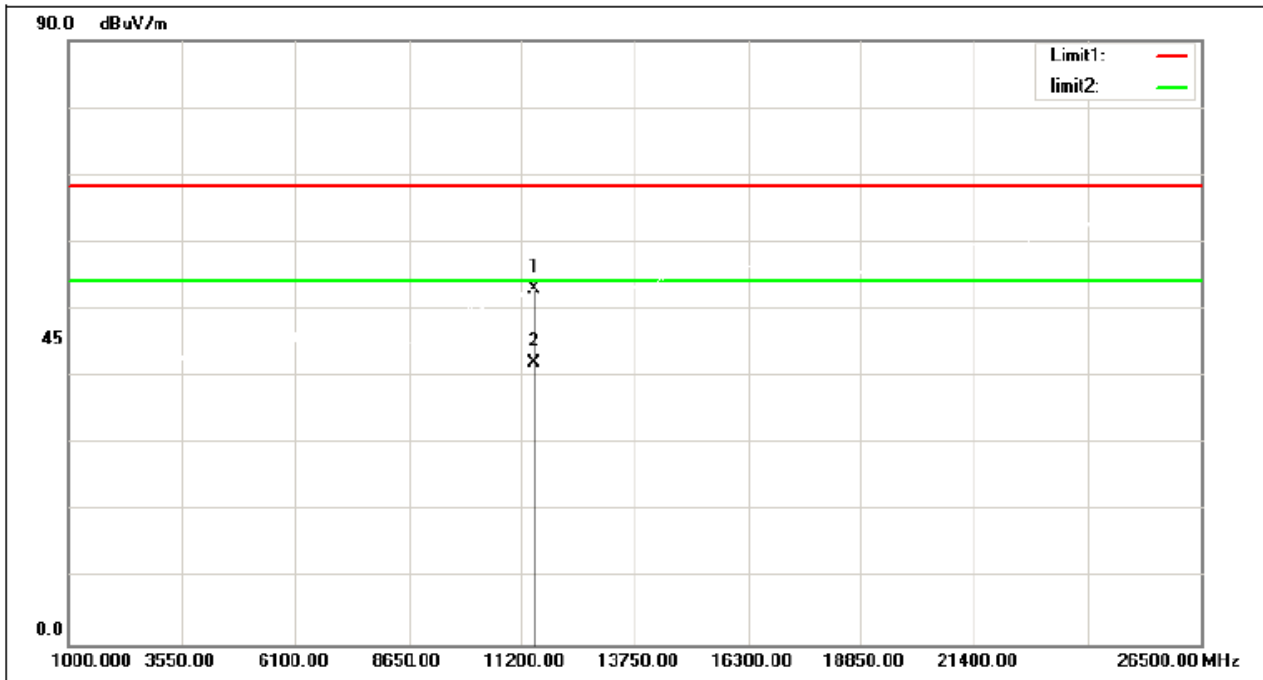
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	44.12	8.19	52.31	68.30	-15.99	peak
2	11220.000	32.46	8.19	40.65	54.00	-13.35	AVG

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

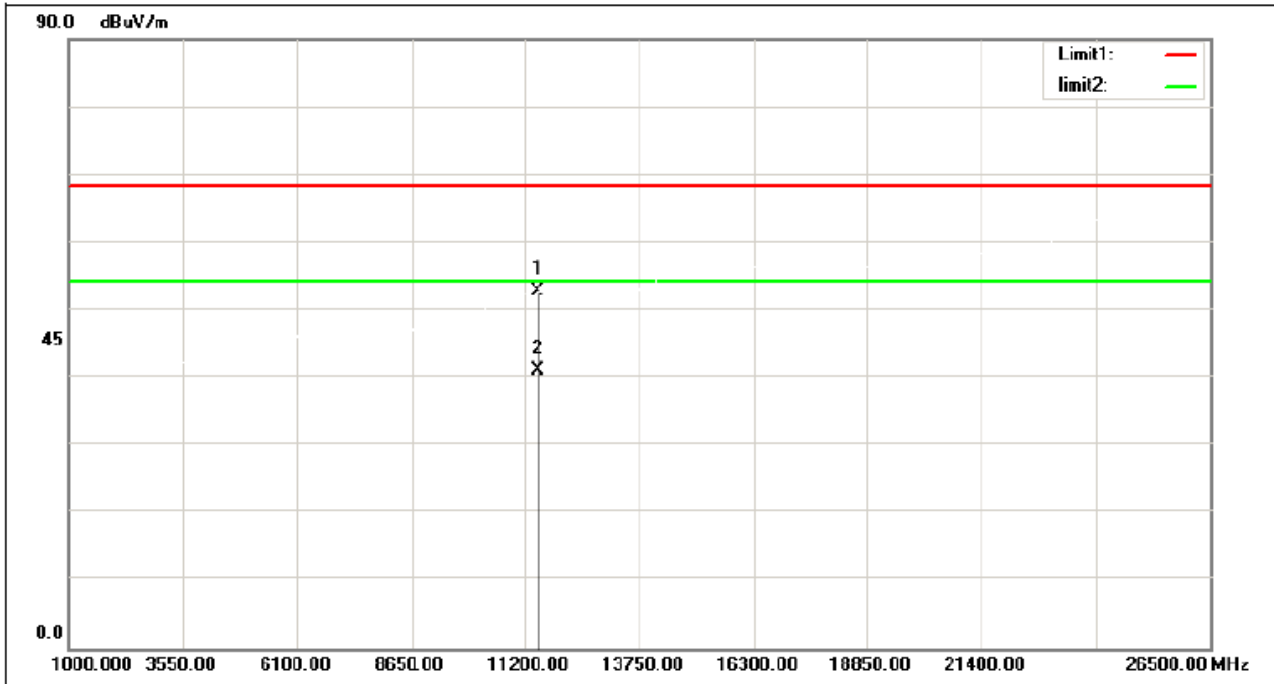
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.97	8.06	53.03	68.30	-15.27	peak
2	11490.000	34.00	8.06	42.06	54.00	-11.94	AVG

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

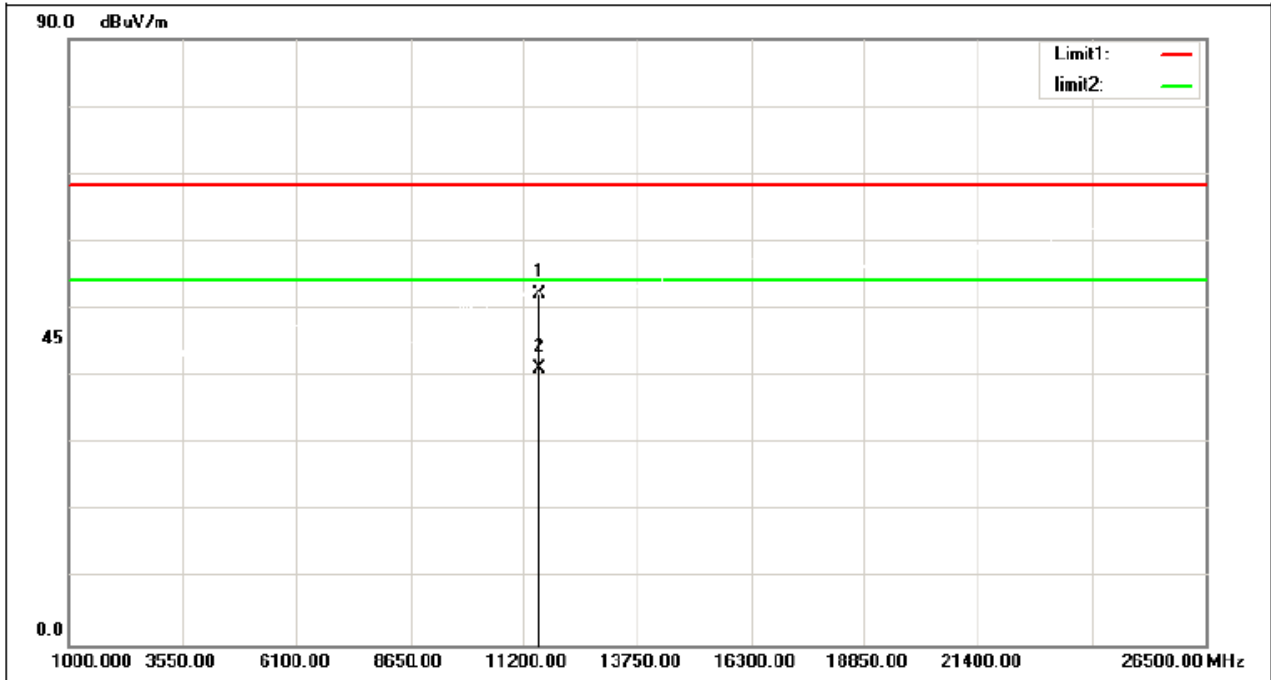
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.69	8.06	52.75	68.30	-15.55	peak
2	11490.000	32.99	8.06	41.05	54.00	-12.95	AVG

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

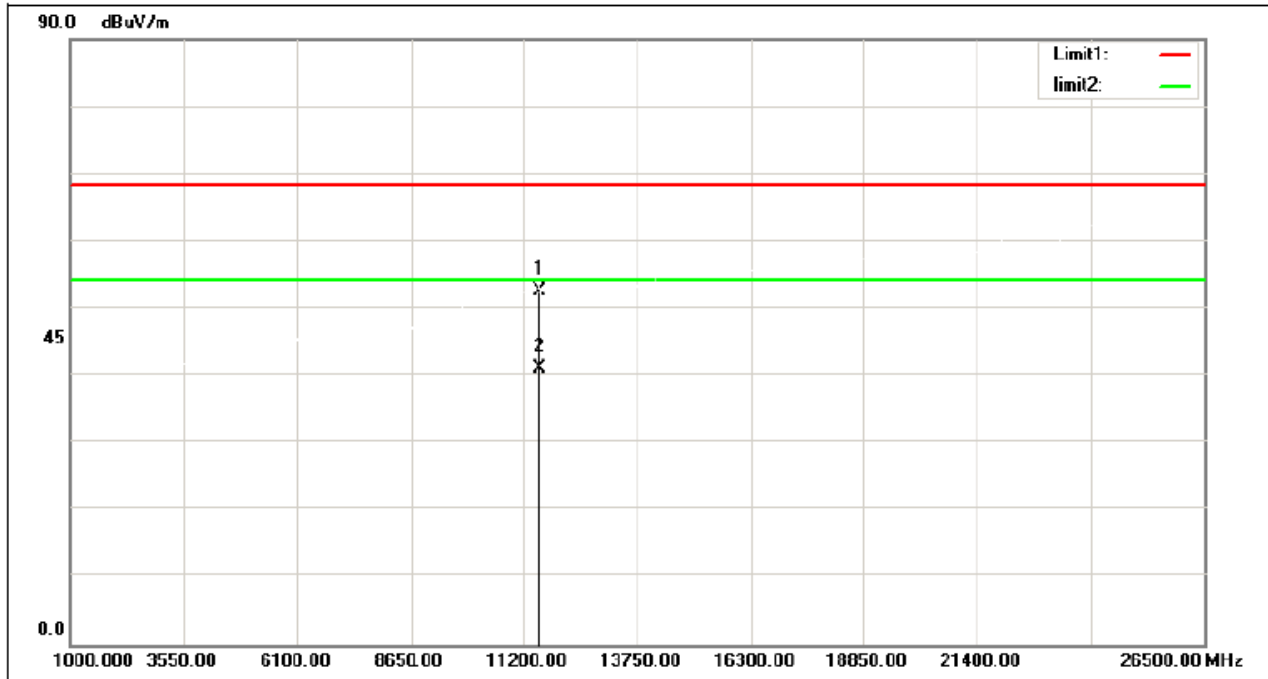
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.14	8.00	52.14	68.30	-16.16	peak
2	11570.000	33.06	8.00	41.06	54.00	-12.94	AVG

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

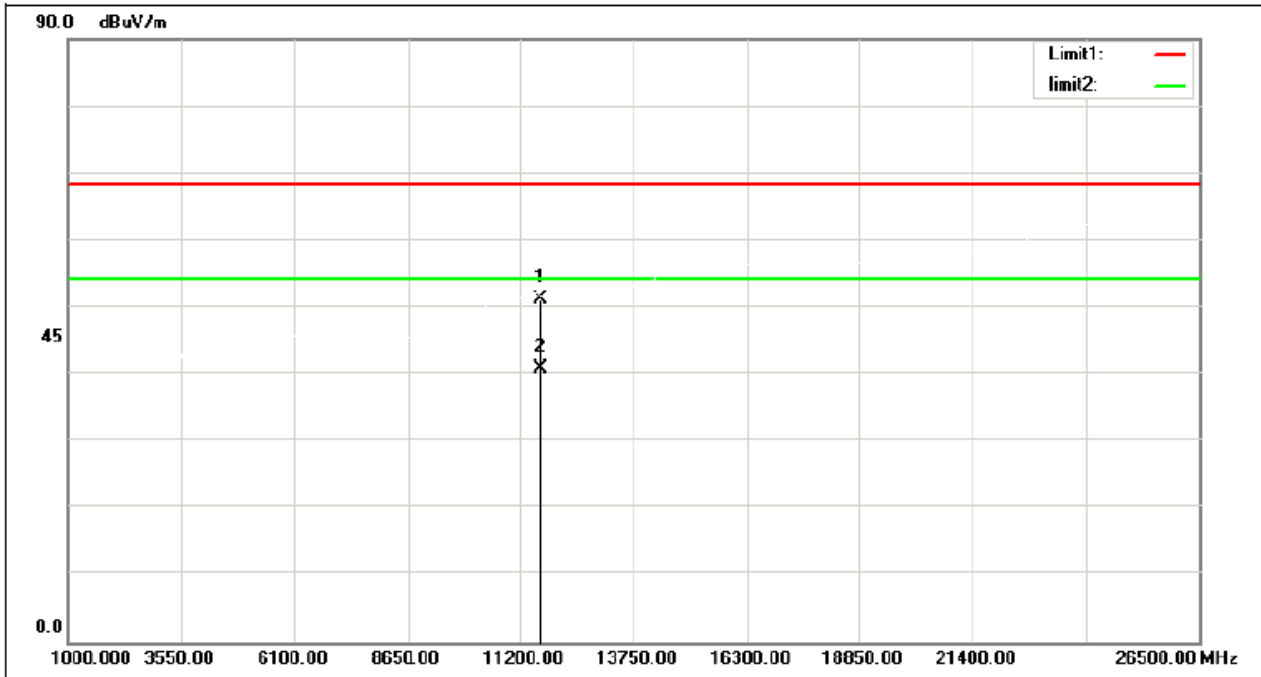
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.59	8.00	52.59	68.30	-15.71	peak
2	11570.000	33.06	8.00	41.06	54.00	-12.94	AVG

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

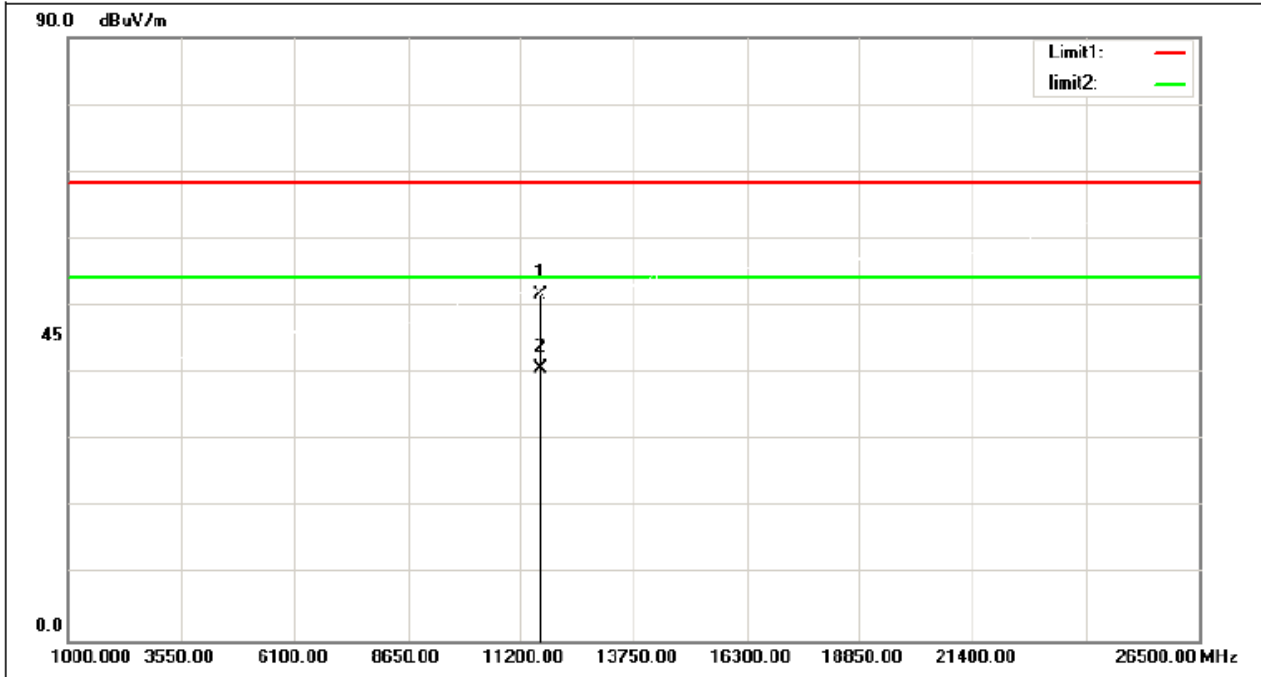
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.33	7.97	51.30	68.30	-17.00	peak
2	11650.000	32.87	7.97	40.84	54.00	-13.16	AVG

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

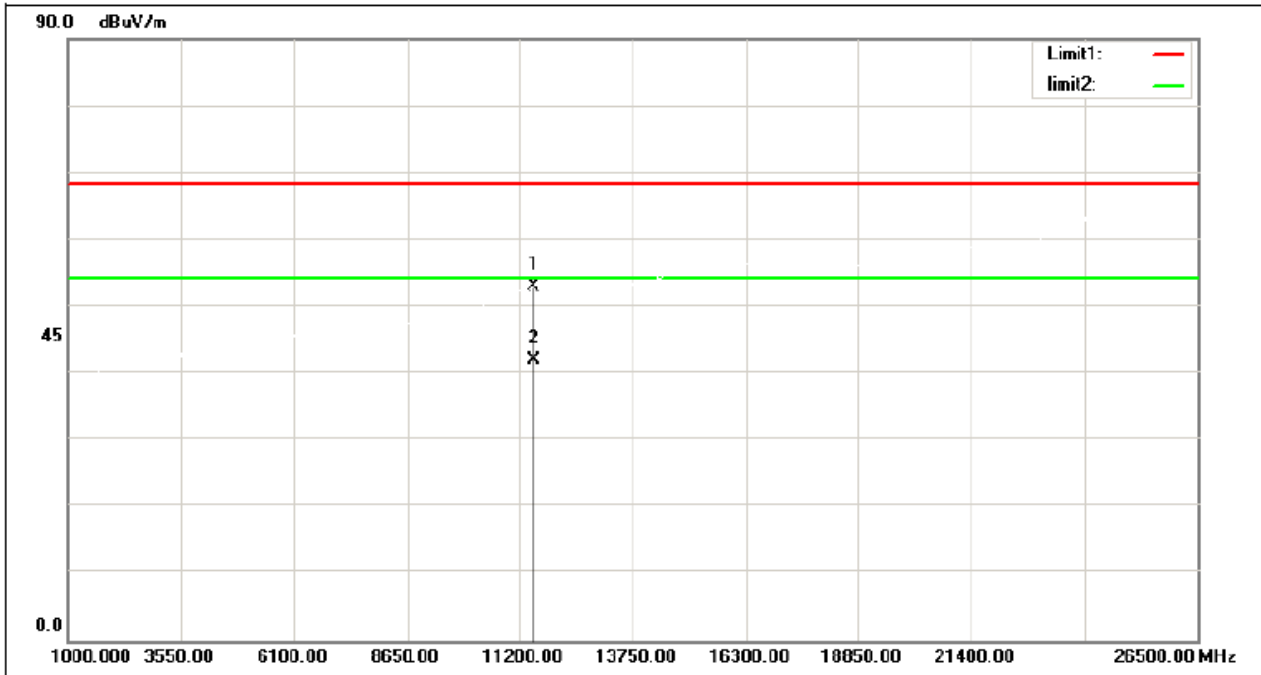
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.74	7.97	51.71	68.30	-16.59	peak
2	11650.000	32.57	7.97	40.54	54.00	-13.46	AVG

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

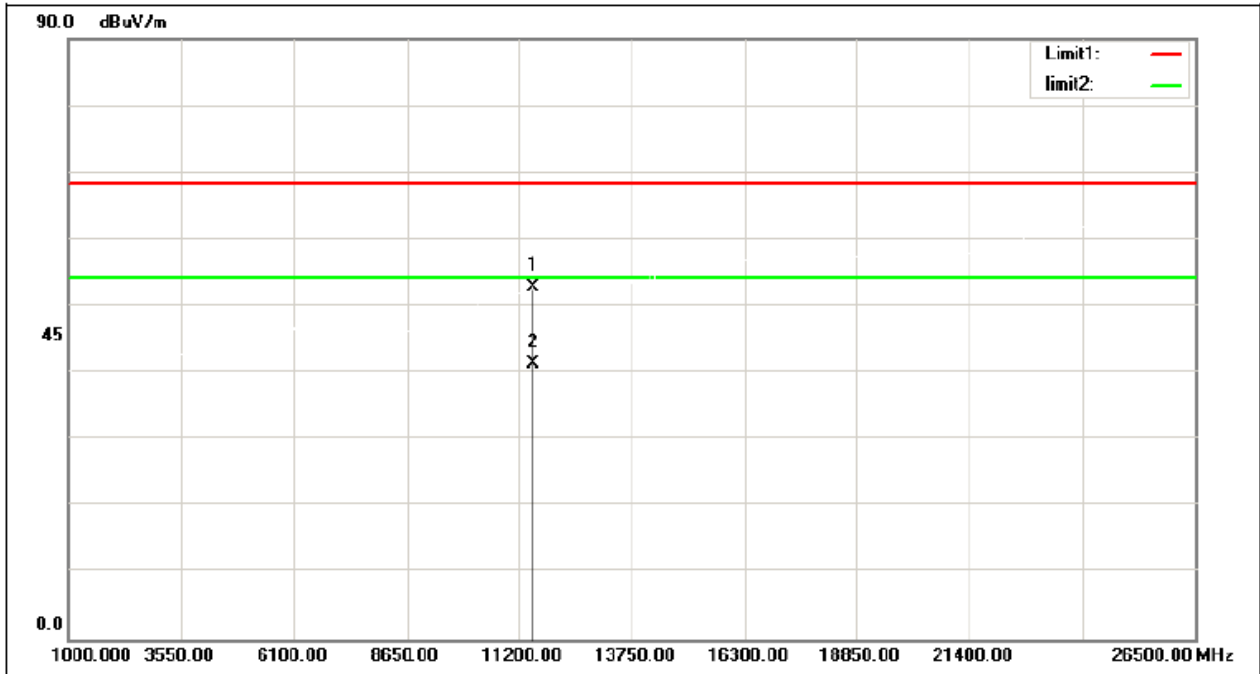
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	44.99	8.04	53.03	68.30	-15.27	peak
2	11510.000	34.00	8.04	42.04	54.00	-11.96	AVG

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

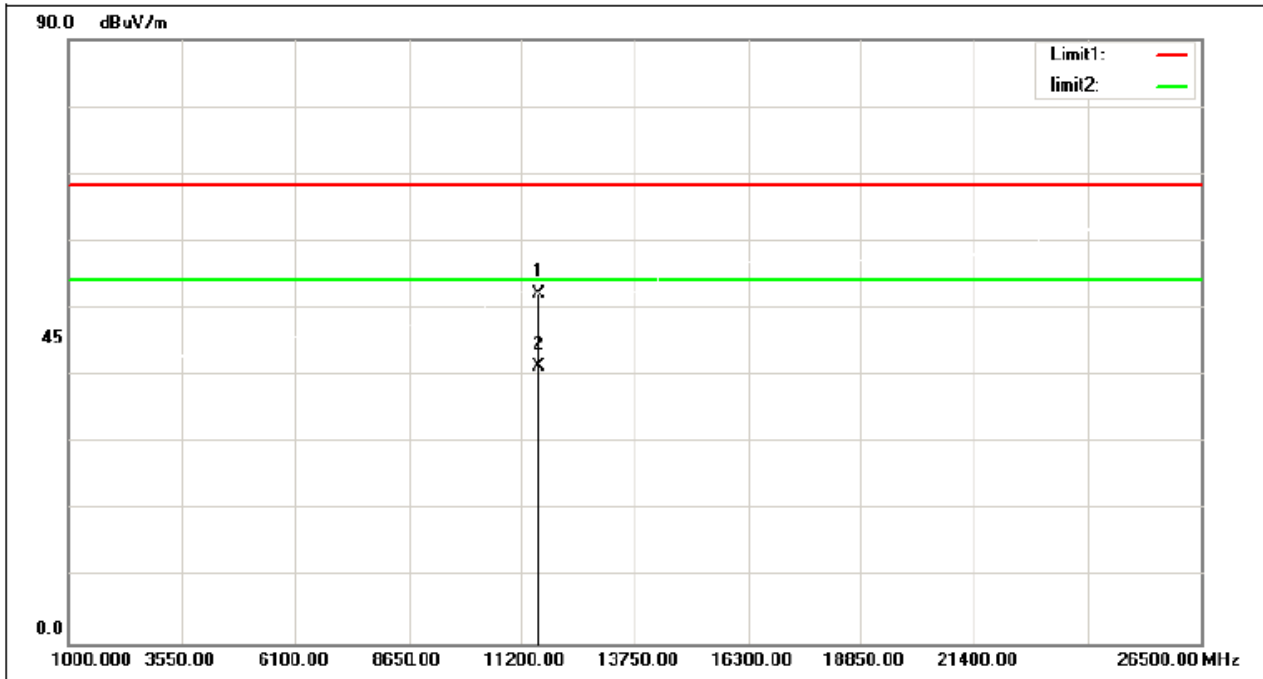
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	44.71	8.04	52.75	68.30	-15.55	peak
2	11510.000	33.20	8.04	41.24	54.00	-12.76	AVG

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

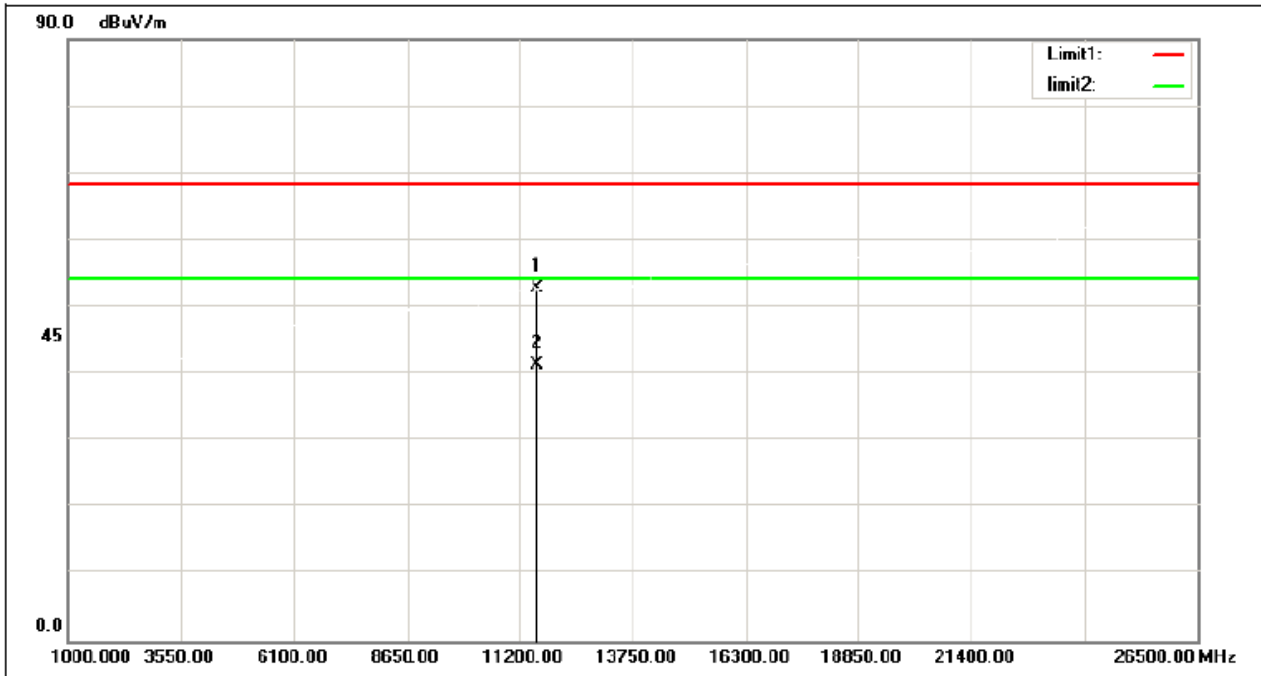
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	44.07	8.01	52.08	68.30	-16.22	peak
2	11590.000	33.26	8.01	41.27	54.00	-12.73	AVG

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

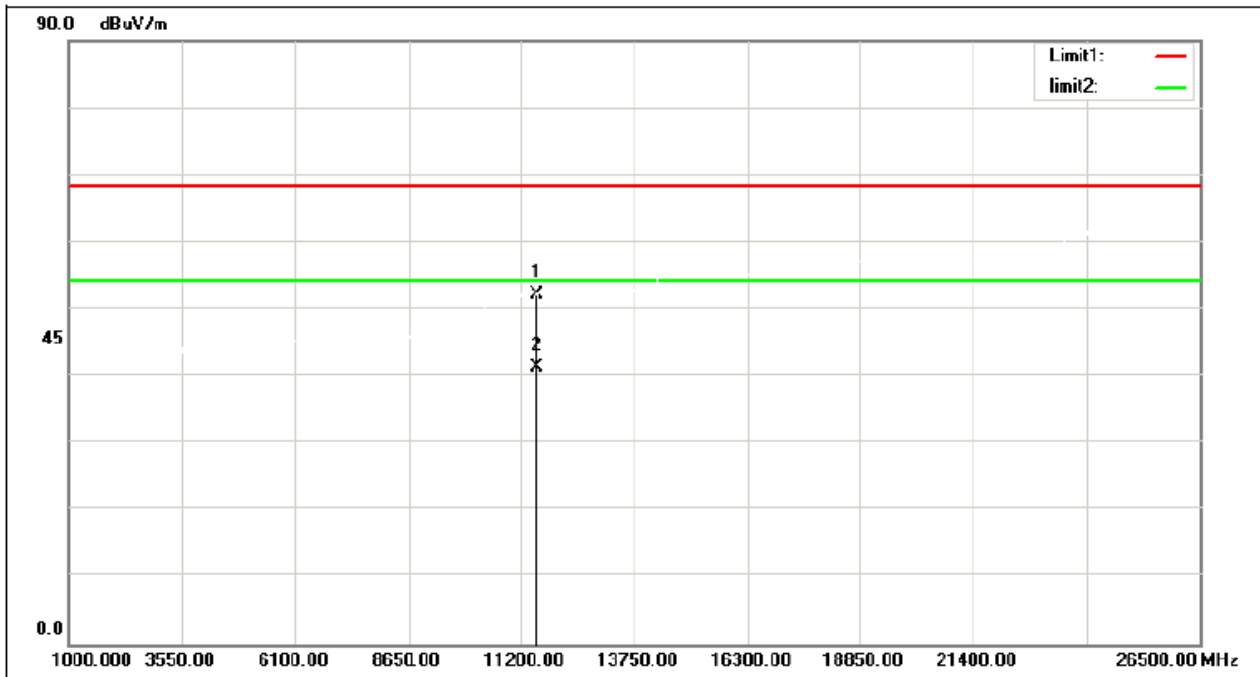
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	44.85	8.01	52.86	68.30	-15.44	peak
2	11590.000	33.23	8.01	41.24	54.00	-12.76	AVG

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

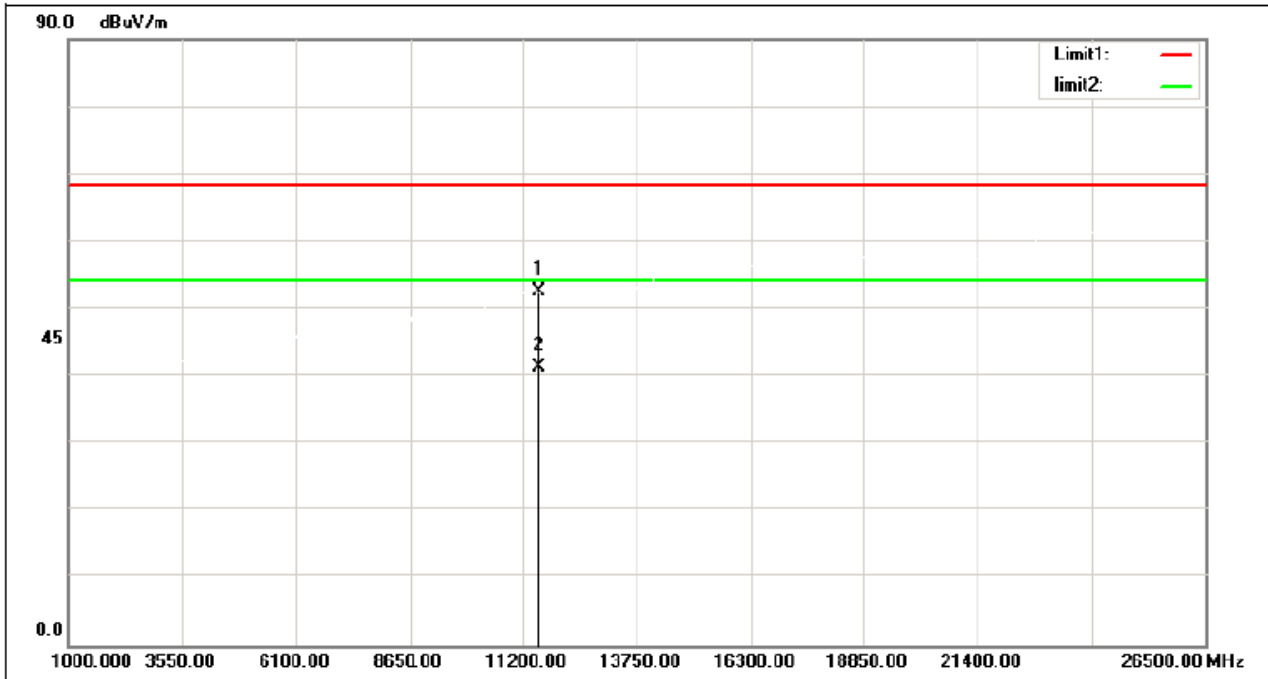
Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	44.12	8.02	52.14	68.30	-16.16	peak
2	11550.000	33.22	8.02	41.24	54.00	-12.76	AVG

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	11550.000	44.57	8.02	52.59	68.30	-15.71	peak
2	11550.000	33.23	8.02	41.25	54.00	-12.75	AVG

6 BANDWIDTH TEST

6.1 LIMIT

FCC Part15, Subpart E (15.407) RSS-Gen and RSS-247			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a) 15.407(e)	26 dB Bandwidth	-	5150-5250
RSS-247 6.2.1.1 RSS-247 6.2.4.1	6dB Bandwidth	Minimum 500 kHz	5725-5850

6.2 TEST PROCEDURE AND SETTING

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

b. Spectrum Setting:

For UNII-1:

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

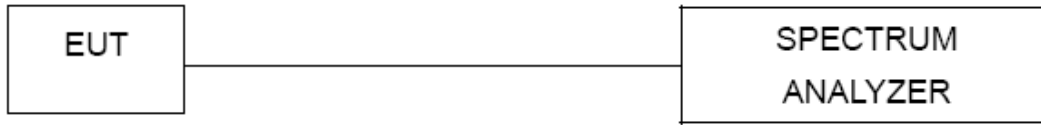
For UNII-3:

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

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

6.3 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum analyzer	KEYSIGHT	N9010A	MY55150427	2022/05/23
2	Attenuator	Mini-Circuits	BW-S10W2	101109	N/A
3	RF Cable	Mi-cable	C10-01-01-1	100309	N/A

6.4 TEST SETUP**6.5 EUT OPERATION CONDITIONS**

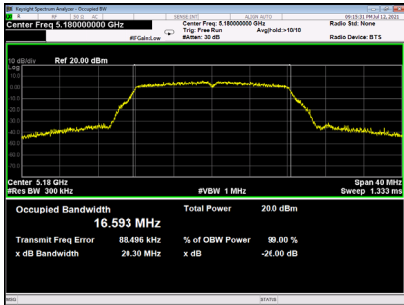
The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

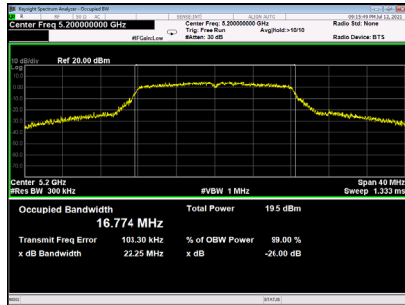
UNII-1_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	20.30	16.593
40	5200	22.25	16.774
48	5240	20.32	16.686

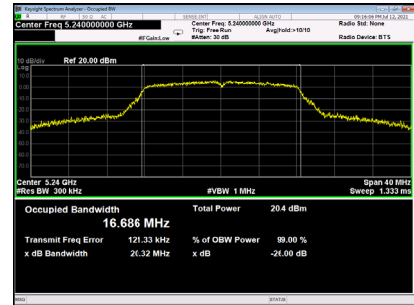
CH36



CH40



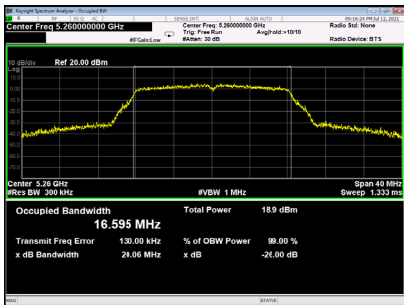
CH48



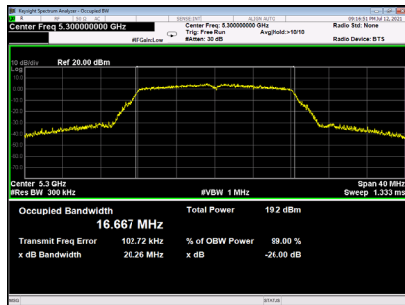
UNII-2A_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	20.06	16.595
60	5300	20.26	16.667
64	5320	19.97	16.622

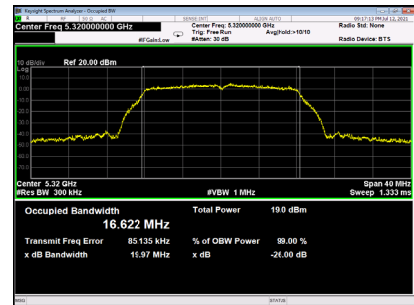
CH52



CH60



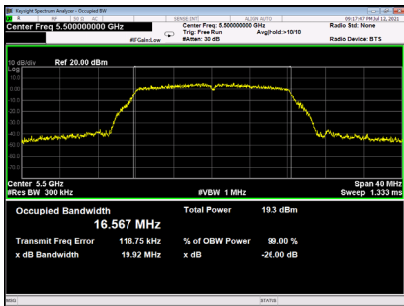
CH64



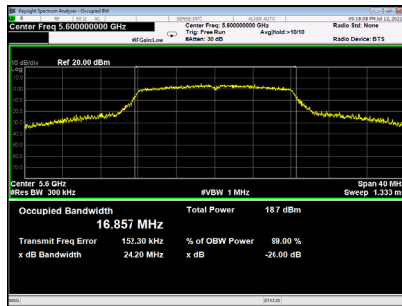
UNII-2C_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	19.92	16.567
120	5600	24.20	16.857
140	5700	20.19	16.626

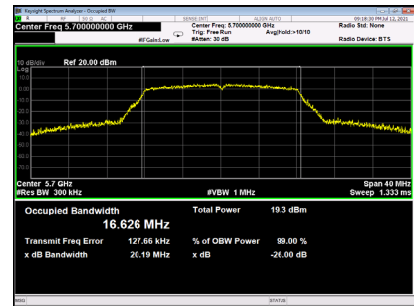
CH100



CH120



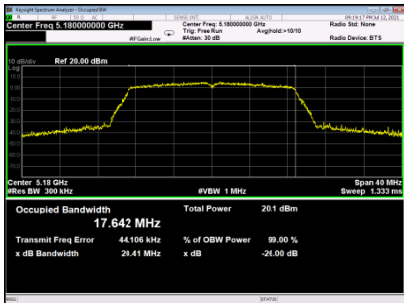
CH140



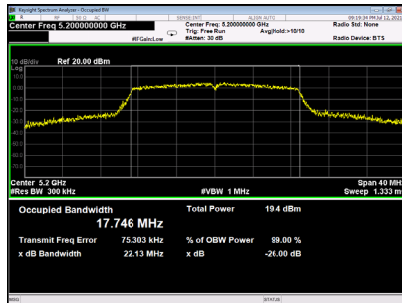
UNII-1_TX N (HT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	20.41	17.642
40	5200	22.13	17.746
48	5240	20.48	17.716

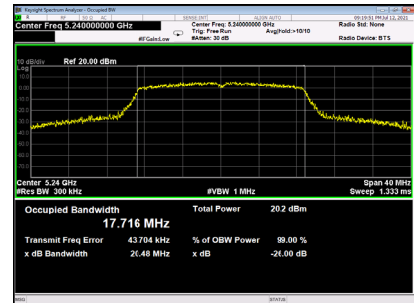
CH36



CH40



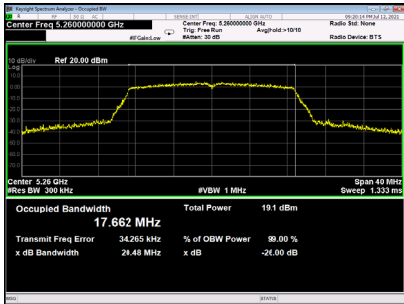
CH48



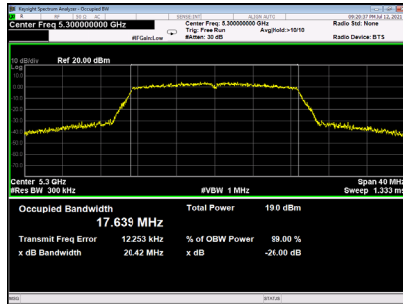
UNII-2A_TX N (HT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	20.48	17.662
60	5300	20.42	17.639
64	5320	20.32	17.631

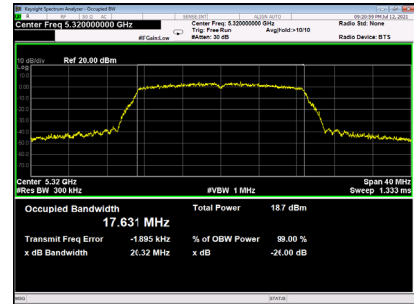
CH52



CH60



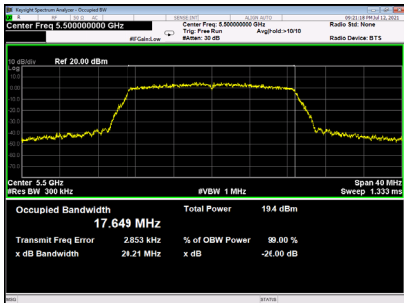
CH64



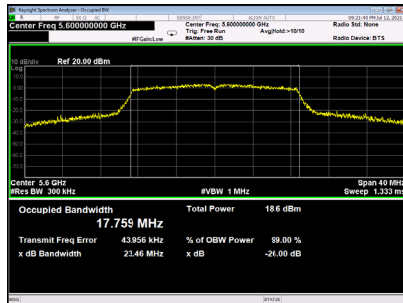
UNII-2C_TX N (HT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	20.21	17.649
120	5600	23.46	17.759
140	5700	20.50	17.657

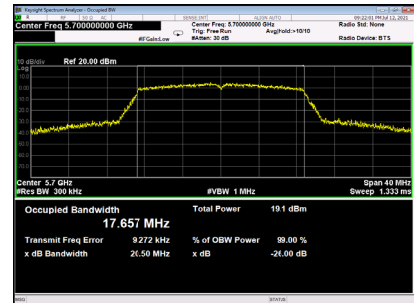
CH100



CH120



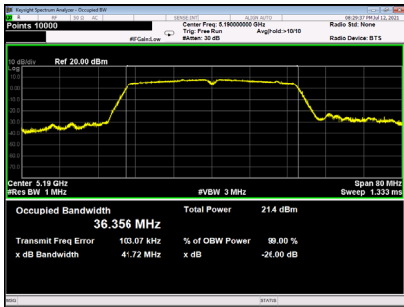
CH140



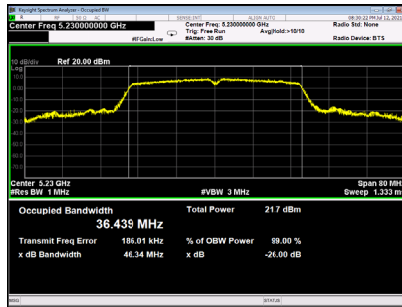
UNII-1_TX N (HT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	41.72	36.356
46	5230	46.34	36.439

CH38



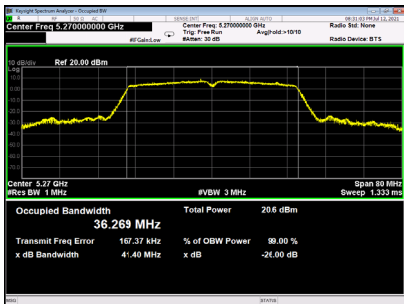
CH46



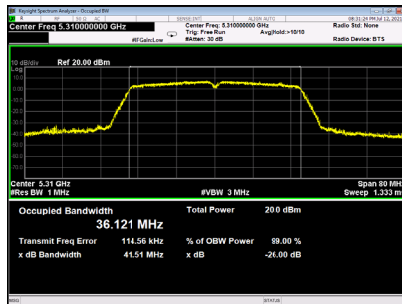
UNII-2A_TX N (HT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
54	5270	41.40	36.269
62	5310	41.51	36.121

CH54



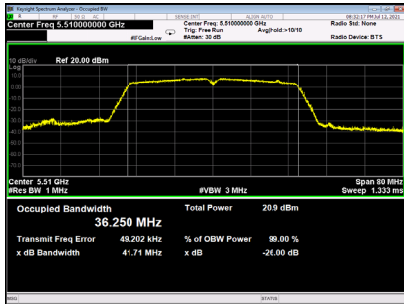
CH62



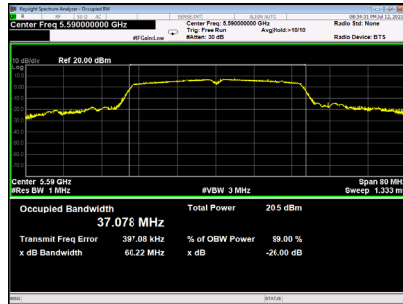
UNII-2C_TX N (HT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
102	5510	41.71	36.250
118	5590	60.22	37.078
134	5670	41.72	36.390

CH102



CH118



CH134

