

FCC Radio Test Report

FCC ID: QISCRO-LX2

This report concerns (check one): Original Grant Class I Change Class II Change

Project No. : 1701C155E
Equipment : Smart Phone
Model Name : CRO-L22, CRO-L02
Applicant : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China

Date of Receipt : Jan. 18, 2017(CRO-L03)
Mar. 28, 2017(CRO-L22, CRO-L02)
May 09, 2017
Date of Test : Jan. 18, 2017 ~ Feb. 27, 2017
May 16, 2017 ~ Jun. 05, 2017
Issued Date : Jun. 06, 2017
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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-3-1701C155	Original Report.	Feb. 28, 2017
BTL-FCCP-3-1701C155B	Compared with the original report (BTL-FCCP-3-1701C155), the model name are changed and differences please see the below table. According to the differences description below table, CRO-L22 and CRO-L02 shares the same test data of CRO-L03 of the same bands which does not affect the test results of the test report.	Apr. 13, 2017
BTL-FCCP-3-1701C155G	Compared with the original report (BTL-FCCP-3-1701C155B), the antenna is changed and battery, earphone are added. The Radiated Spurious Emissions had been evaluated and recorded in the test report, the rest are the same.	Jun. 06, 2017

Project ID	1701C155	1701C155B, 1701C155G	
Model	CRO-L03	CRO-L22	CRO-L02
Brand	HUAWEI	HUAWEI	HUAWEI
2G Frequency	850/1900	850/1900	850/1900
3G Frequency	B2/B5	B2/B5	B2/B5
4G Frequency	B2/B4/B5/B7	B5/B7	B5/B7
Hardware version	The same	The same	The same
Software version	The difference	The difference	The difference
SIM Card	Single	Dual	Single
Dimensions	The same	The same	The same
Appearance	The same	The same	The same
main antenna	The same	The same	The same
BT/Wi-Fi antenna	The same	The same	The same
GPS antenna	The same	The same	The same
PA(GSM)	The same	The same	The same
PA(WCDMA/FDD)	The same	The same	The same

1. CERTIFICATION

Equipment : Smart Phone
Brand Name : HUAWEI
Model Name : CRO-L22, CRO-L02
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District Shenzhen China
Factory : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District Shenzhen China
Date of Test : Jan. 18, 2017 ~ Feb. 27, 2017
May 16, 2017 ~ Jun. 05, 2017
Test Sample : Engineering Sample
Standard(s) : FCC Part15, Subpart C:(15.247) / ANSI C63.10-2013

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-3-1701C155G) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C				
Standard(s)	Section	Test Item	Judgment	Remark
15.207		Conducted Emission	PASS	
15.247(d)		Antenna conducted Spurious Emission	PASS	
15.247(a)(2)		6dB Bandwidth	PASS	
15.247(b)(3)		Peak Output Power	PASS	
15.247(e)		Power Spectral Density	PASS	
15.203		Antenna Requirement	PASS	
15.247(d)/ 15.205/ 15.209		Transmitter Radiated Emissions	PASS	

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	2.32

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9KHz~30MHz	V	3.79
		9KHz~30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	H	4.06
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Smart Phone	
Brand Name	HUAWEI	
Model Name	CRO-L22, CRO-L02	
Model Difference	Please refer to page 5.	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps
	Output Power (Max.)	802.11b: 19.72dBm 802.11g: 24.35dBm 802.11n(20MHz): 22.11dBm 802.11n(40MHz): 22.39dBm
Power Source	#1 DC Voltage supplied from AC/DC adapter. #2 Battery Supplied.	
Power Rating	#1:AC 100–240V 50/60Hz DC 5V 1A #2:DC 3.82V 2200mAh	
HW Version	HL1CROM	
SW Version	CRO-L22:Cairo-L22C636B015 CRO-L02:Cairo-L02C636B022	

Note:

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

2. Channel List:

CH01 – CH11 for 802.11b, 802.11g, 802.11n(20MHz) CH03 – CH09 for 802.11n(40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	2.14

4.

Item	Mfr/Brand	Model.
Battery	SCUD (FUJIAN) Electronics Co., Ltd	HB3742A0EZC+
	Shenzhen Desay Battery Tech Co., Ltd.	
	Sunwoda Electronic Co.,LTD.	
USB Cable	FOXCONN INTERCONNECT TECHNOLOGY LIMITED	CUBB01M-HC208-DH
	HONGLIN TECHNOLOGY CO.,LTD	130-26654
	Luxshare Precision Industry Co., Ltd.	L99U2013-CS-H
Earphone	Jiangxi Lianchuang Hongsheng Electronic Co.,LTD	MEMD1632B580C00
	BOLUO COUNTY QUANCHENG ELECTRONIC CO.,LTD	1311-3291-3.5mm-229
	MERRY ELECTRONICS CO., LTD.	EMC309-001
	Jiangxi Lianchuang Hongsheng Electronic Co.,LTD (Black)	MEMD1532B528000
	BOLUO COUNTY QUANCHENG ELECTRONIC CO.,LTD (Black)	1293#+3283# 3.5MM-150
	GoerTek (Black),	HA1-3
	GoerTek (White)	NA12
Adapter	HUIZHOU BYD ELECTRONIC CO., LTD.	HW-050100U01
	Shenzhen Huntkey Electric Co., Ltd.	
	DONG GUAN PHITEK ELECTRONICS CO., LTD.	

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09
Mode 5	TX MODE

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 5	TX MODE

For Radiated Test	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

For Band Edge Test	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

6dB Spectrum Bandwidth	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

Maximum Conducted Output Power	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

Power Spectral Density	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

Note:

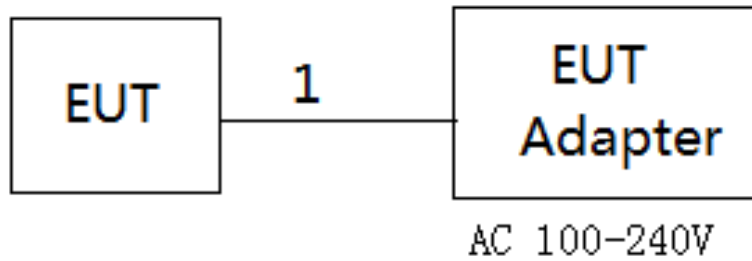
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
 802.11g mode: OFDM (6Mbps)
 802.11n HT20 mode : BPSK (6.5Mbps)
 802.11n HT40 mode : BPSK (13.5Mbps)
 For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing, channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of WLAN

Test software version	N/A		
Frequency (MHz)	2412	2437	2462
802.11b	17	17	17
802.11g	15	16	15
802.11n (20MHz)	12	12	12
Frequency	2422	2437	2452
802.11n (40MHz)	12	12	12

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.2m	USB Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION LIMITS (Frequency Range 150KHz-30MHz)

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	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 limit of " * " decreases with the logarithm of the frequency
- (2) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

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

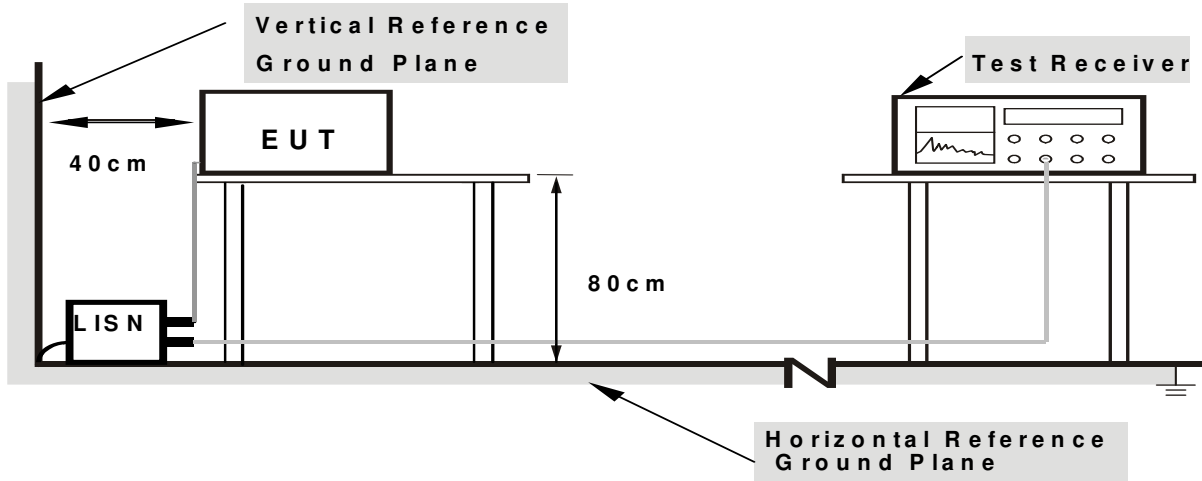
4.1.2 TEST PROCEDURE

- 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 equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



- Note:**
- 1. Support units were connected to second LISN.
 - 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

4.1.5 EUT OPERATING CONDITIONS

The EUT was placed on the test table and programmed in normal function.

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

LIMITS OF RADIATED EMISSION MEASUREMENT (9KHz-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
960~1000	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	Band edge at 3m (dBµV/m)		Harmonic at 1.5m (dBµV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	80 (Note 5)	60 (Note 5)

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
 Margin Level = Measurement Value - Limit Value

$$(5) \quad FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

$$20 \log d_{\text{limit}}/d_{\text{measure}} = 20 \log 3/1.5 = 6 \text{dB.}$$

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

4.2.2 TEST PROCEDURE

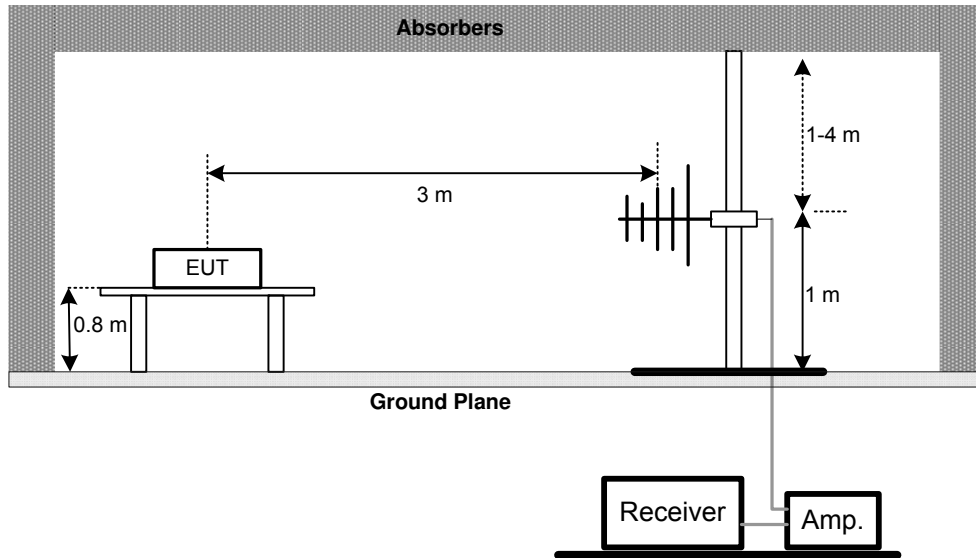
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m or 1.5m 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. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

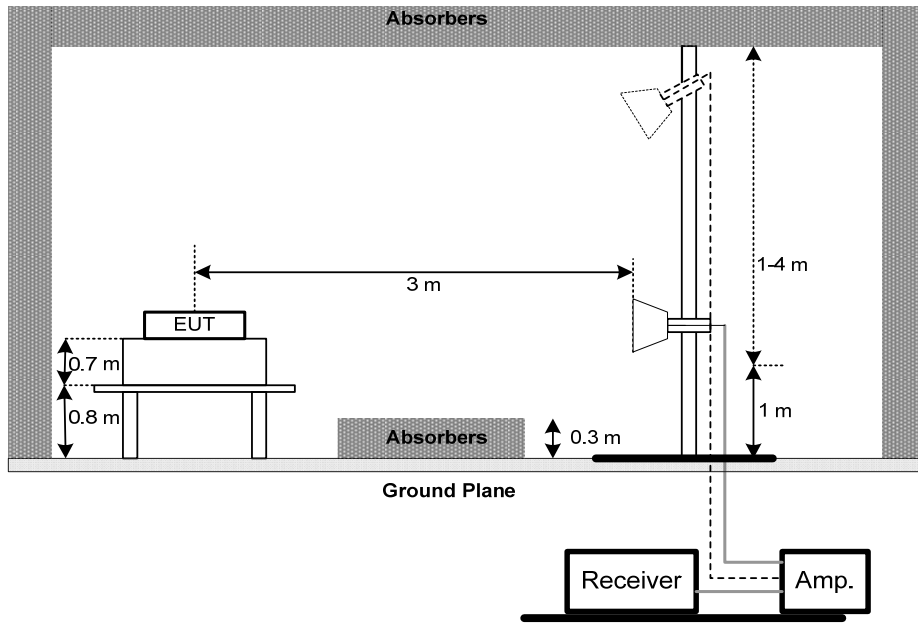
No deviation

4.2.4 TEST SETUP

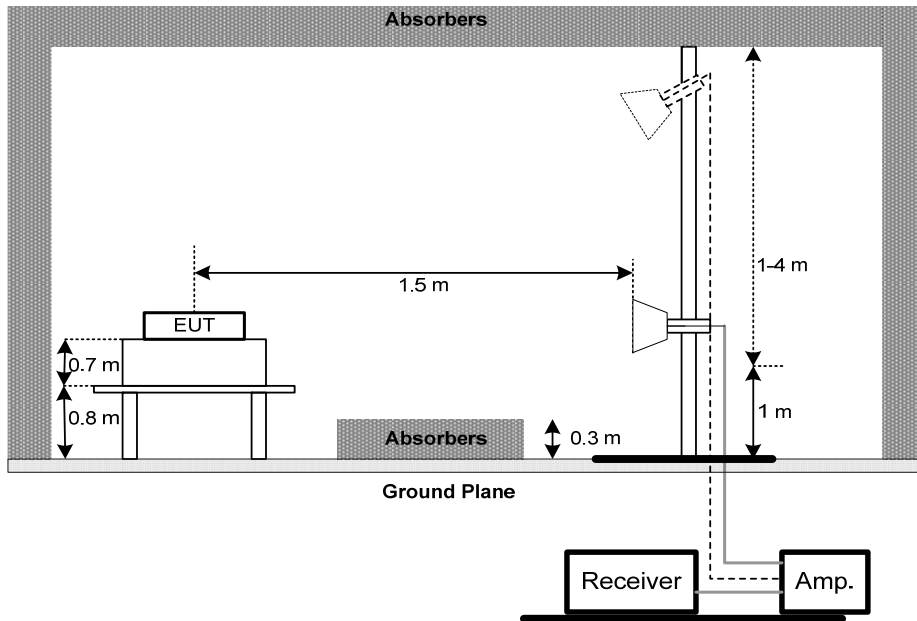
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



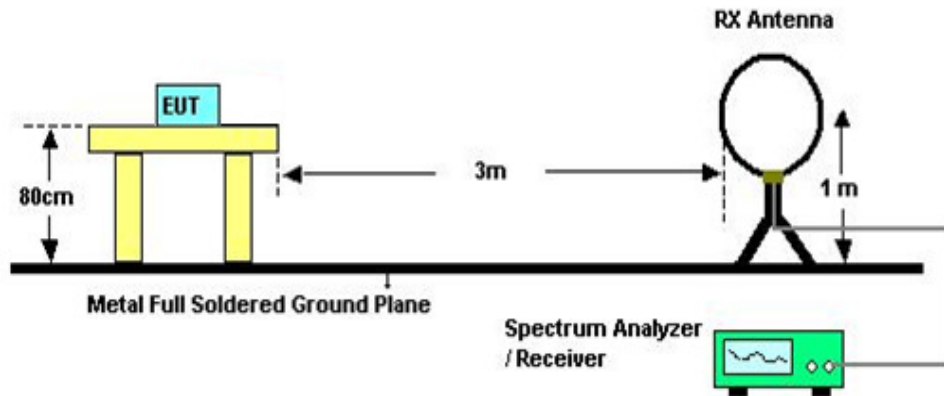
(B) Radiated Emission Test Set-Up Frequency Above 1 GHz
Band edge



Harmonic



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

- (1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

FCC Part15 (15.247) , Subpart C			
Section	Test Item	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	2400-2483.5	PASS

5.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Maximum Output Power	1 Watt or 30dBm	2400-2483.5	PASS

6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits.

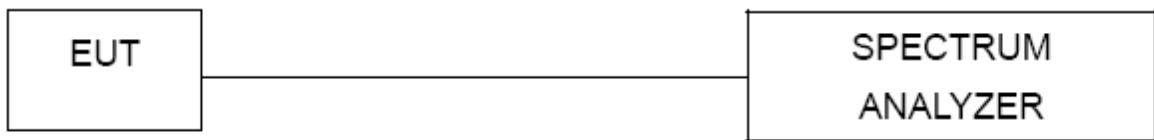
7.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = Auto.
- c. Offset=antenna gain+cable loss

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

8.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW=3KHz, VBW=10KHz, Sweep time = Auto.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	Cable	emci	RG223(9KHz-30 MHz)(5m)	N/A	Mar. 09, 2018
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Oct. 20, 2017
3	Receiver	Agilent	N9038A	MY52130039	Sep. 04, 2017
4	Cable	emci	LMR-400(30MHz-1GHz)(8m+5m)	N/A	Jun. 27, 2017
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Amplifier	Agilent	8449B	3008A02274	Mar. 09, 2018
9	Receiver	Agilent	N9038A	MY52130039	Sep. 04, 2017
10	Antenna	EM	EM-6876-1	230	Jul. 08, 2017
11	Controller	MF	MF-7802	MF780208416	N/A
12	Cable	emci	EMC104-SM-S M-12000(12m)	N/A	Jul. 06, 2017

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Apr. 25, 2018
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Apr. 25, 2018

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017

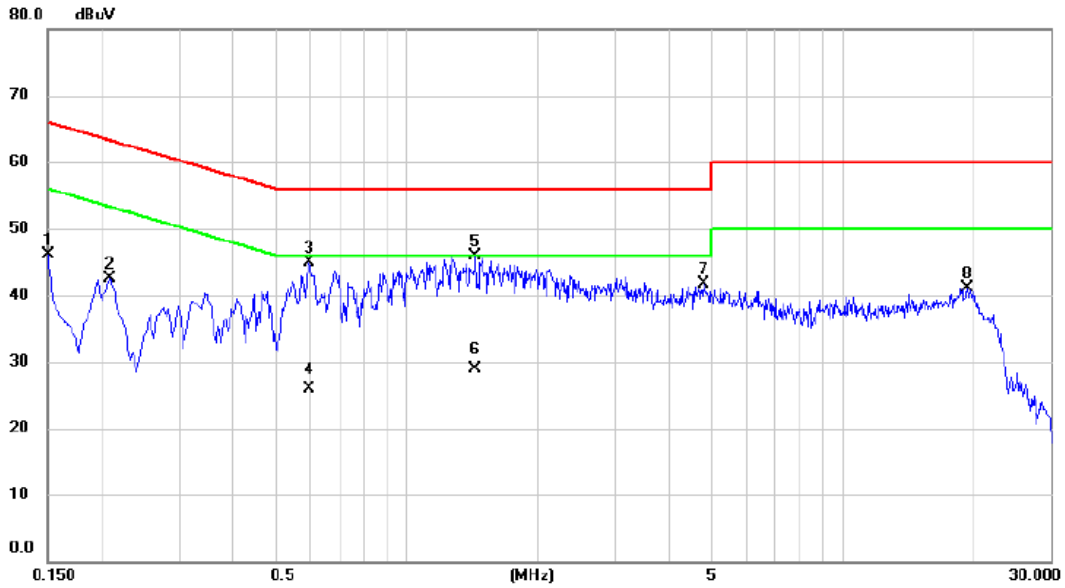
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX Mode_Adapter: BYD

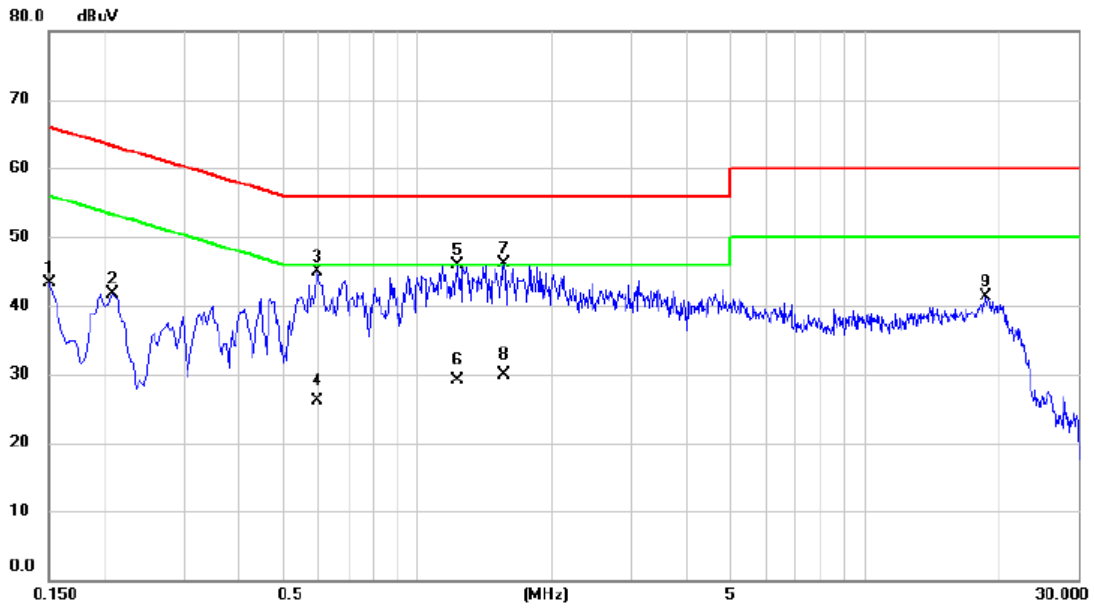
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.150	36.38	9.68	46.06	66.00	-19.94	peak	
2		0.208	32.87	9.69	42.56	63.26	-20.70	peak	
3		0.596	35.19	9.71	44.90	56.00	-11.10	peak	
4		0.596	16.27	9.71	25.98	46.00	-20.02	AVG	
5	*	1.437	36.19	9.78	45.97	56.00	-10.03	peak	
6		1.437	19.06	9.78	28.84	46.00	-17.16	AVG	
7		4.780	31.64	10.00	41.64	56.00	-14.36	peak	
8		19.235	30.38	10.73	41.11	60.00	-18.89	peak	

Test Mode: TX Mode_ Adapter: BYD

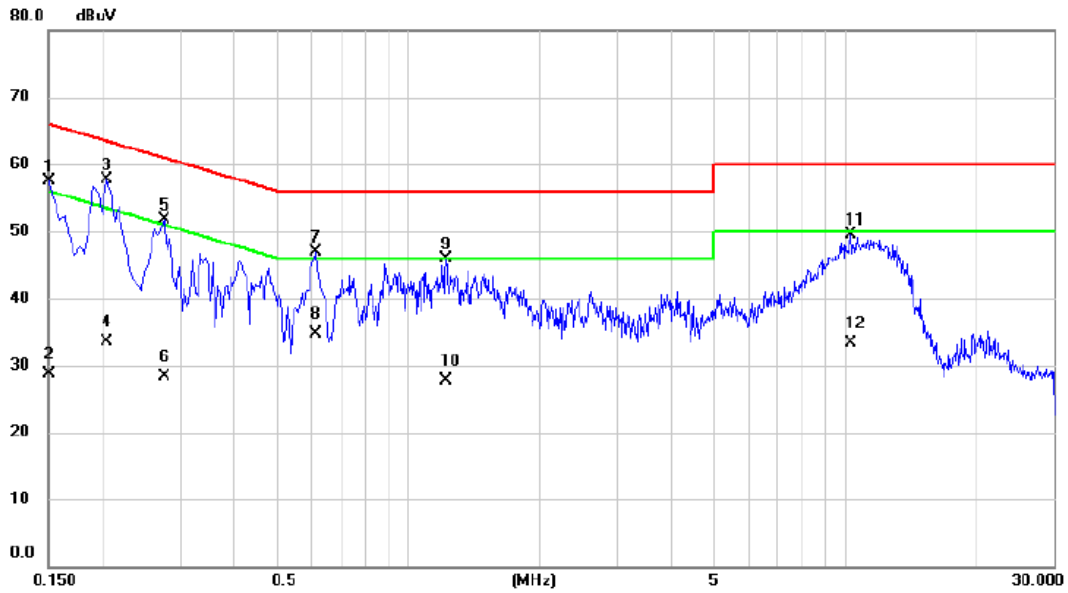
Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.150	33.68	9.68	43.36	66.00	-22.64	peak	
2		0.208	32.01	9.69	41.70	63.26	-21.56	peak	
3		0.596	35.13	9.71	44.84	56.00	-11.16	peak	
4		0.596	16.37	9.71	26.08	46.00	-19.92	AVG	
5		1.230	36.07	9.76	45.83	56.00	-10.17	peak	
6		1.230	19.35	9.76	29.11	46.00	-16.89	AVG	
7 *		1.563	36.26	9.79	46.05	56.00	-9.95	peak	
8		1.563	20.09	9.79	29.88	46.00	-16.12	AVG	
9		18.649	30.61	10.71	41.32	60.00	-18.68	peak	

Test Mode: TX Mode_ Adapter: PHITEK

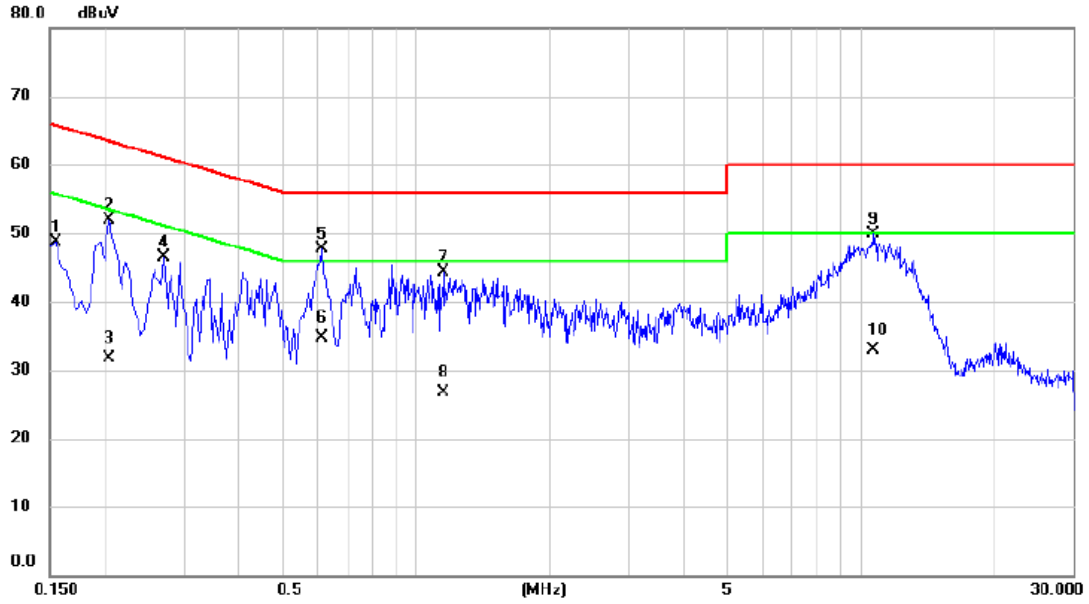
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.150	47.87	9.68	57.55	66.00	-8.45	peak	
2		0.150	18.97	9.68	28.65	56.00	-27.35	AVG	
3	*	0.204	47.97	9.69	57.66	63.45	-5.79	peak	
4		0.204	23.86	9.69	33.55	53.45	-19.90	AVG	
5		0.276	42.03	9.68	51.71	60.94	-9.23	peak	
6		0.276	18.67	9.68	28.35	50.94	-22.59	AVG	
7		0.613	37.29	9.71	47.00	56.00	-9.00	peak	
8		0.613	25.07	9.71	34.78	46.00	-11.22	AVG	
9		1.221	36.14	9.76	45.90	56.00	-10.10	peak	
10		1.221	18.03	9.76	27.79	46.00	-18.21	AVG	
11		10.289	39.22	10.29	49.51	60.00	-10.49	peak	
12		10.289	23.04	10.29	33.33	50.00	-16.67	AVG	

Test Mode: TX Mode_ Adapter: PHITEK

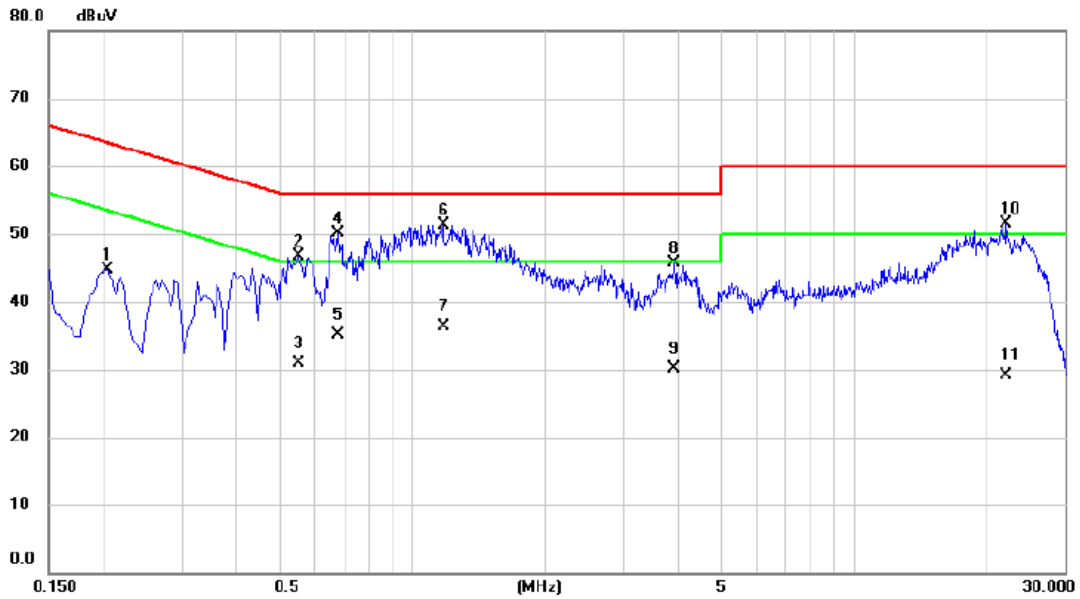
Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.154	39.00	9.68	48.68	65.75	-17.07	peak	
2		0.204	42.26	9.69	51.95	63.45	-11.50	peak	
3		0.204	21.97	9.69	31.66	53.45	-21.79	AVG	
4		0.271	36.87	9.67	46.54	61.07	-14.53	peak	
5	*	0.613	38.03	9.71	47.74	56.00	-8.26	peak	
6		0.613	25.09	9.71	34.80	46.00	-11.20	AVG	
7		1.153	34.61	9.75	44.36	56.00	-11.64	peak	
8		1.153	16.86	9.75	26.61	46.00	-19.39	AVG	
9		10.680	39.53	10.31	49.84	60.00	-10.16	peak	
10		10.680	22.56	10.31	32.87	50.00	-17.13	AVG	

Test Mode: TX Mode_ Adapter: Huntkey

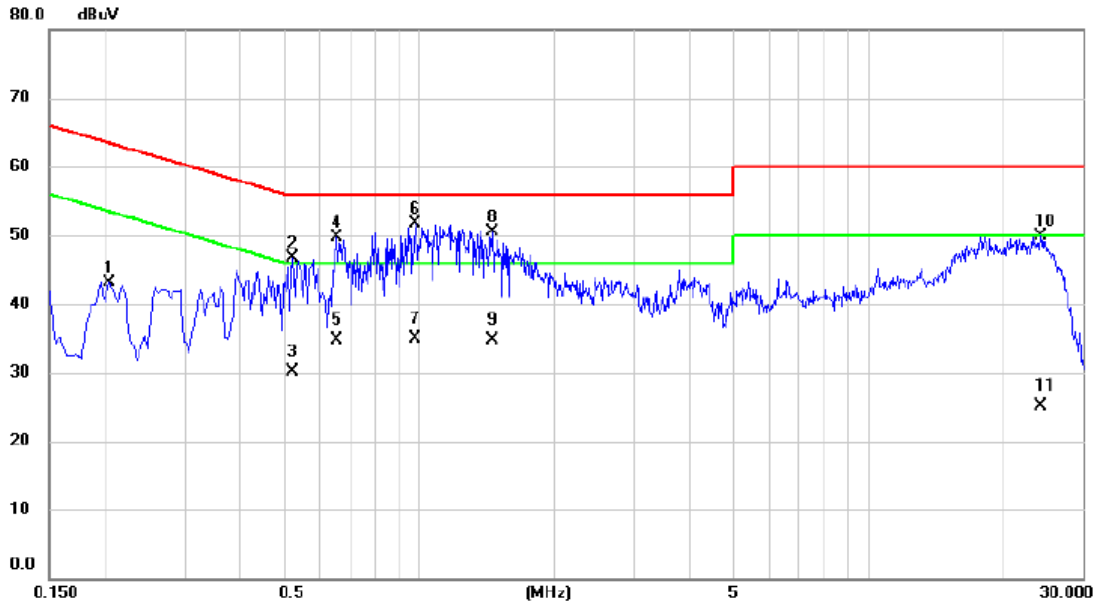
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.204	35.06	9.69	44.75	63.45	-18.70	peak	
2		0.550	36.96	9.71	46.67	56.00	-9.33	peak	
3		0.550	21.10	9.71	30.81	46.00	-15.19	AVG	
4		0.676	40.33	9.72	50.05	56.00	-5.95	peak	
5		0.676	25.34	9.72	35.06	46.00	-10.94	AVG	
6	*	1.176	41.63	9.75	51.38	56.00	-4.62	peak	
7		1.176	26.65	9.75	36.40	46.00	-9.60	AVG	
8		3.917	35.77	9.95	45.72	56.00	-10.28	peak	
9		3.917	20.15	9.95	30.10	46.00	-15.90	AVG	
10		22.069	40.61	10.84	51.45	60.00	-8.55	peak	
11		22.069	18.26	10.84	29.10	50.00	-20.90	AVG	

Test Mode: TX Mode _ Adapter: Huntkey

Neutral

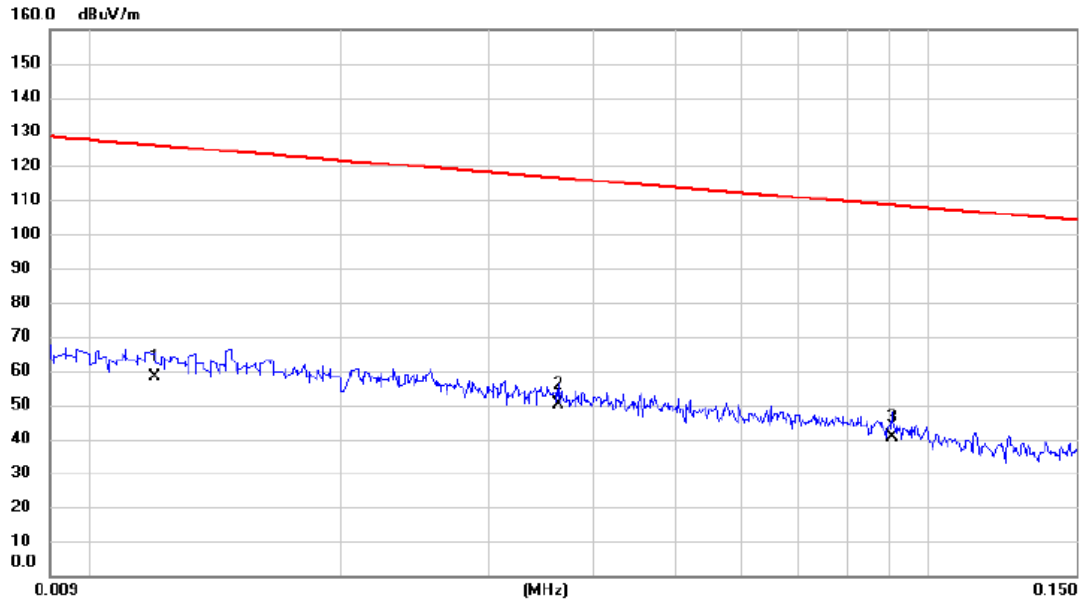


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.204	33.39	9.69	43.08	63.45	-20.37	peak	
2		0.523	37.09	9.70	46.79	56.00	-9.21	peak	
3		0.523	20.36	9.70	30.06	46.00	-15.94	AVG	
4		0.654	40.02	9.72	49.74	56.00	-6.26	peak	
5		0.654	25.02	9.72	34.74	46.00	-11.26	AVG	
6	*	0.978	41.89	9.75	51.64	56.00	-4.36	peak	
7		0.978	25.13	9.75	34.88	46.00	-11.12	AVG	
8		1.450	40.70	9.78	50.48	56.00	-5.52	peak	
9		1.450	24.91	9.78	34.69	46.00	-11.31	AVG	
10		24.247	38.93	10.92	49.85	60.00	-10.15	peak	
11		24.247	14.21	10.92	25.13	50.00	-24.87	AVG	

ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX Mode_Adapter: BYD

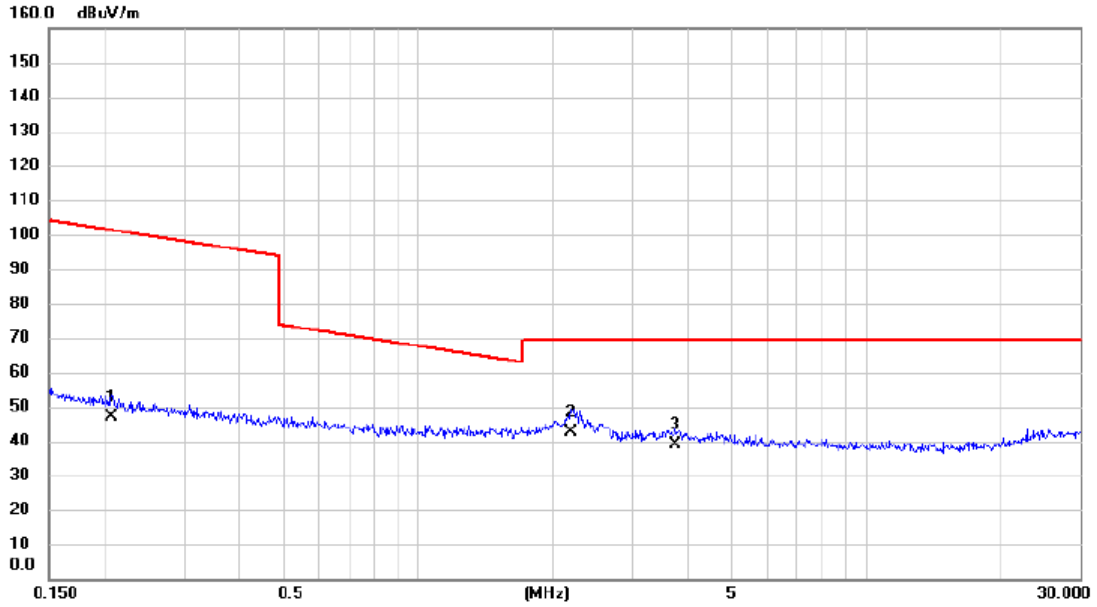
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.012	37.62	20.66	58.28	126.02	-67.74	AVG	
2	*	0.036	30.88	19.13	50.01	116.43	-66.42	AVG	
3		0.091	22.83	17.85	40.68	108.45	-67.77	AVG	

Test Mode: TX Mode_Adapter: BYD

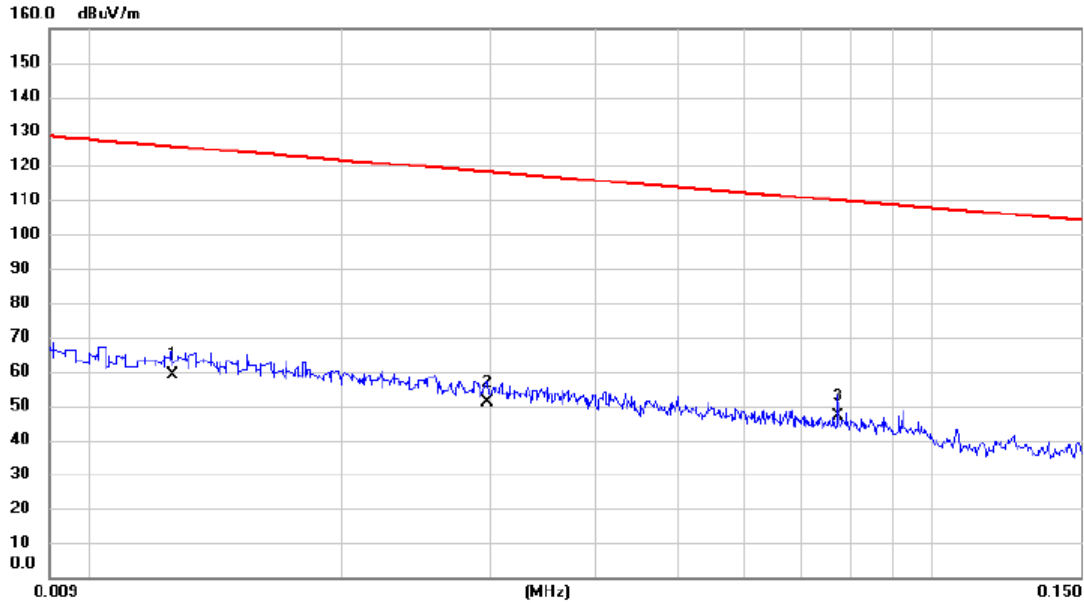
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.207	30.18	16.77	46.95	101.28	-54.33	AVG	
2	*	2.190	27.02	15.45	42.47	69.54	-27.07	QP	
3		3.740	23.89	15.03	38.92	69.54	-30.62	QP	

Test Mode: TX Mode_Adapter: BYD

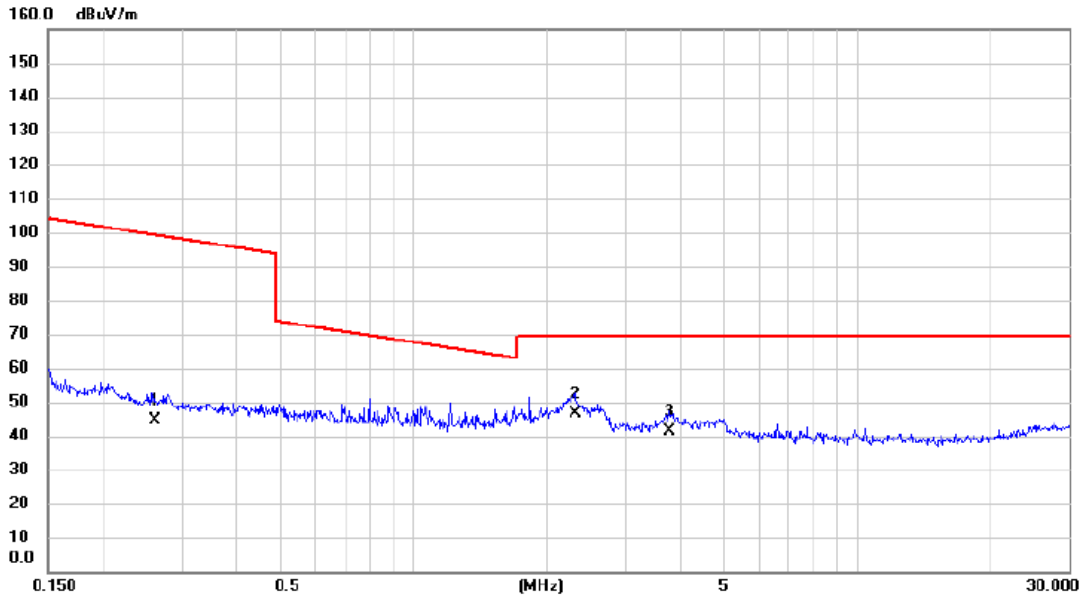
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.013	38.39	20.58	58.97	125.60	-66.63	AVG	
2		0.030	31.68	19.33	51.01	118.15	-67.14	AVG	
3	*	0.077	28.73	18.17	46.90	109.84	-62.94	AVG	

Test Mode: TX Mode_Adapter: BYD

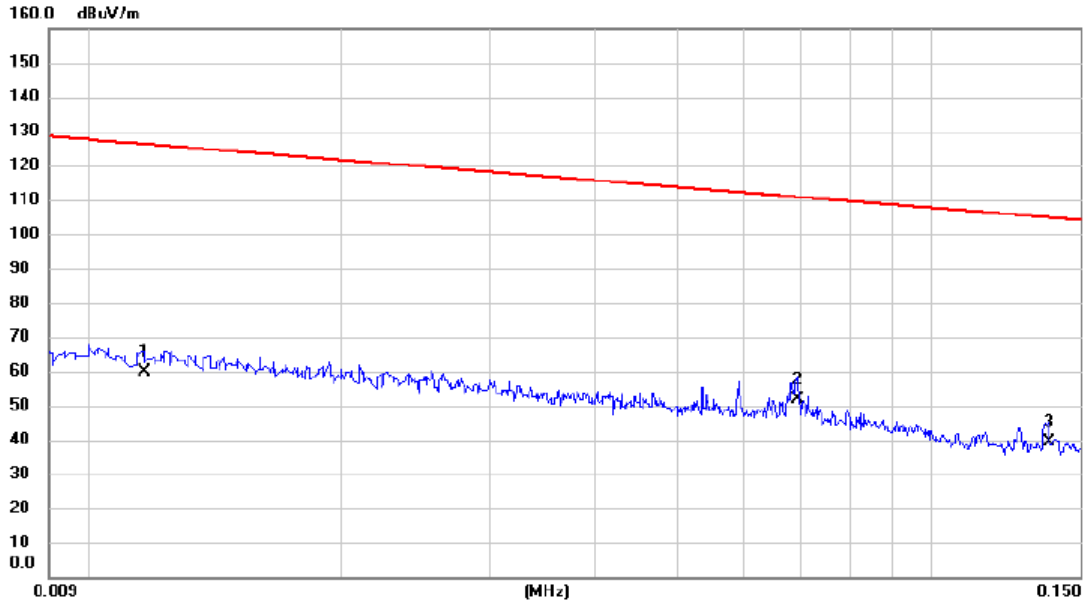
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.260	27.92	16.64	44.56	99.30	-54.74	AVG	
2	*	2.309	31.16	15.42	46.58	69.54	-22.96	QP	
3		3.779	26.45	15.02	41.47	69.54	-28.07	QP	

Test Mode: TX Mode_Adapter: PHITEK

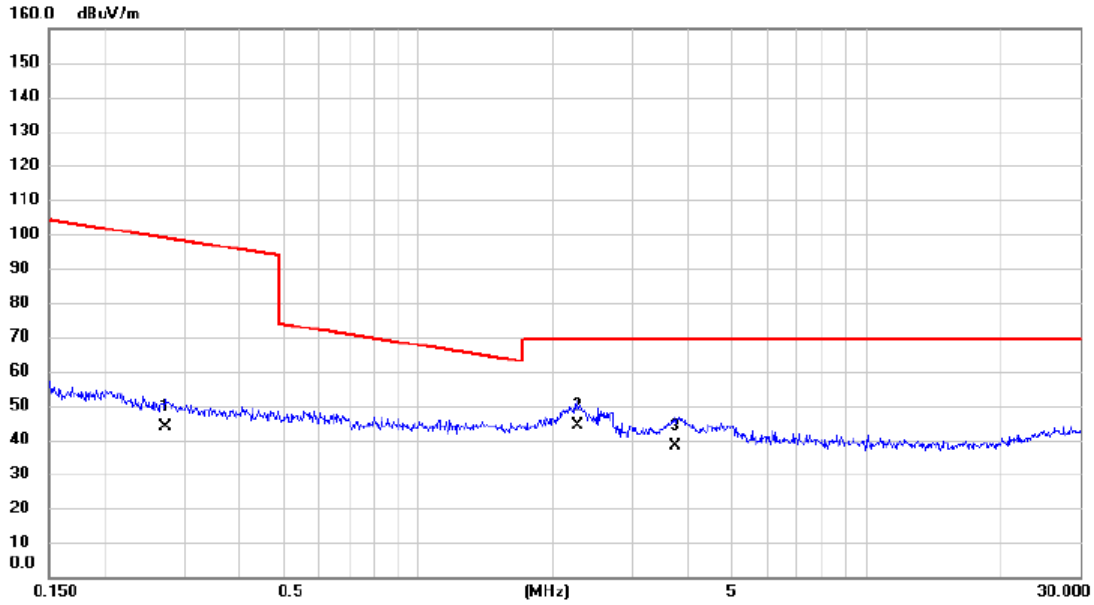
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.012	38.93	20.70	59.63	126.24	-66.61	AVG	
2	*	0.069	33.45	18.34	51.79	110.79	-59.00	AVG	
3		0.138	22.36	17.11	39.47	104.82	-65.35	AVG	

Test Mode: TX Mode_Adapter: PHITEK

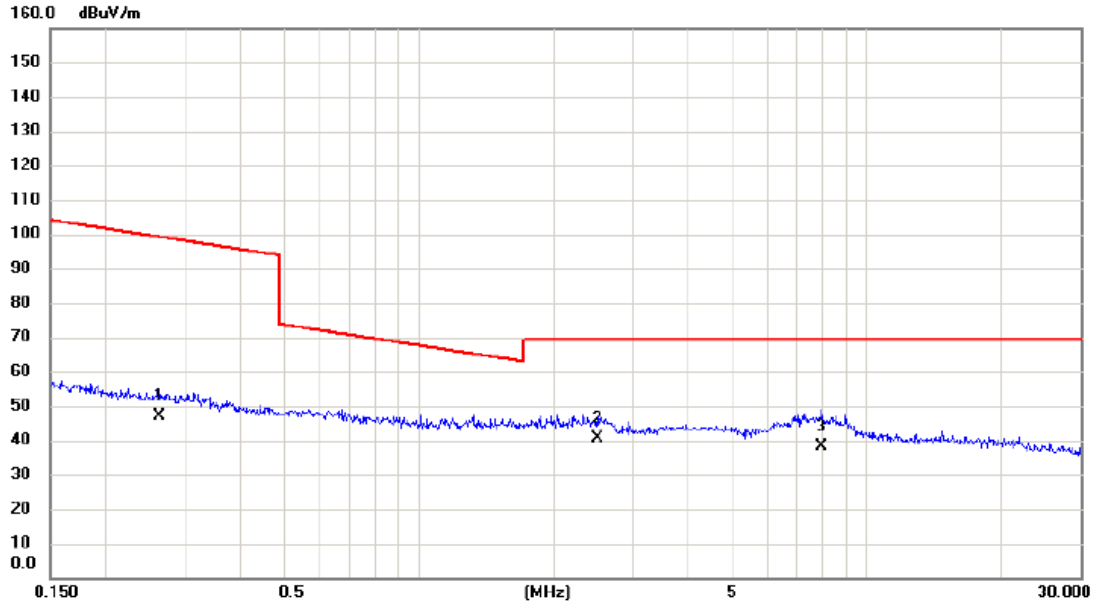
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.273	27.14	16.63	43.77	98.88	-55.11	AVG	
2	*	2.272	28.90	15.43	44.33	69.54	-25.21	QP	
3		3.740	23.24	15.03	38.27	69.54	-31.27	QP	

Test Mode: TX Mode_ Adapter: PHITEK

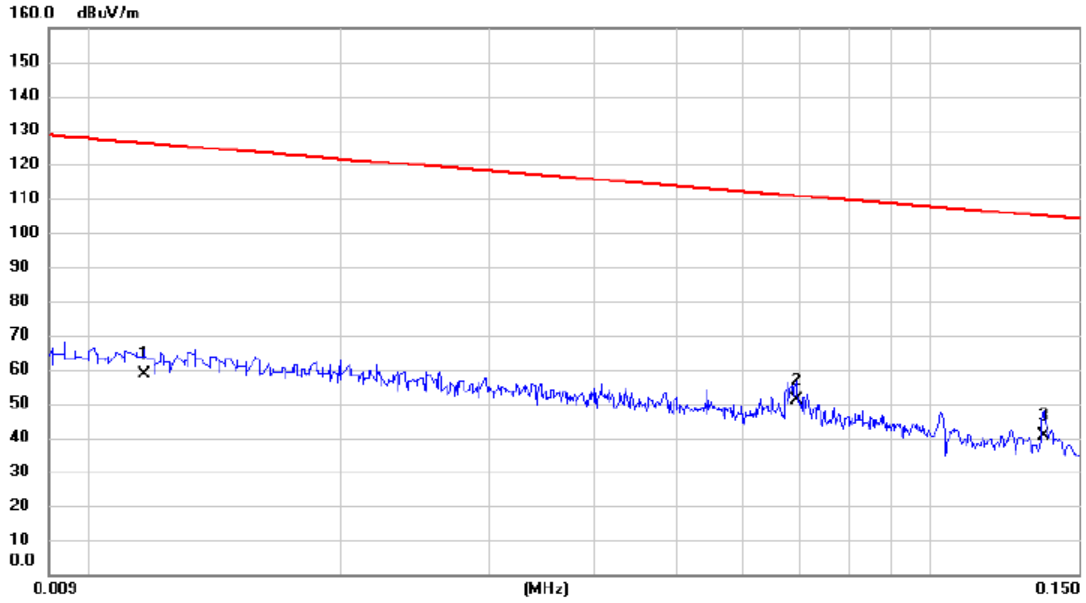
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.2635	28.32	18.63	46.95	99.19	-52.24	AVG	
2	*	2.5128	23.44	17.25	40.69	69.54	-28.85	QP	
3		7.9372	22.16	16.19	38.35	69.54	-31.19	QP	

Test Mode: TX Mode_Adapter: PHITEK

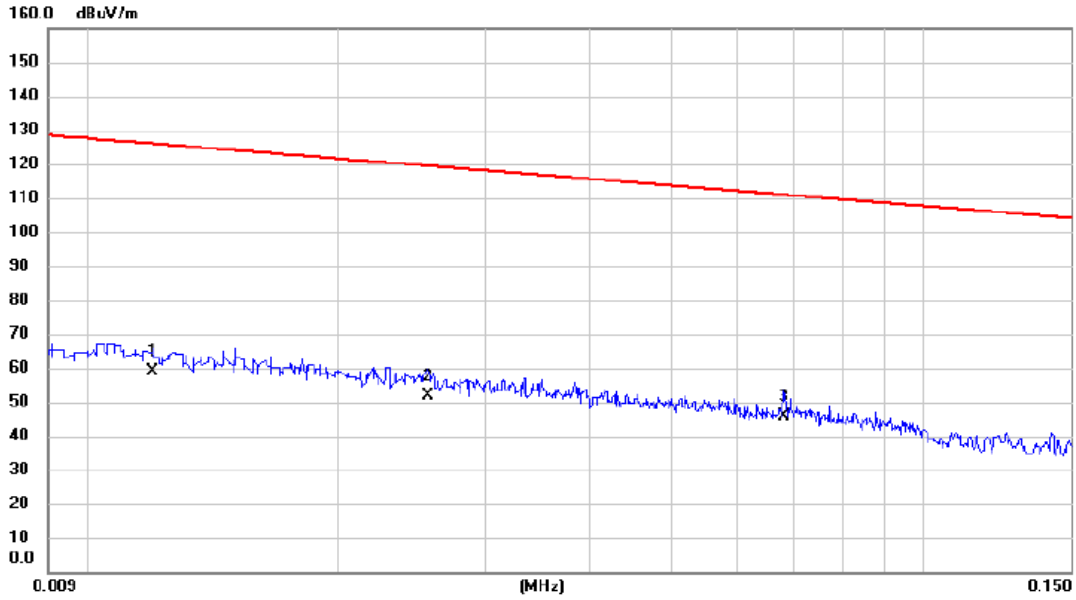
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.012	38.04	20.70	58.74	126.24	-67.50	AVG	
2	*	0.069	32.58	18.34	50.92	110.79	-59.87	AVG	
3		0.136	23.59	17.13	40.72	104.92	-64.20	AVG	

Test Mode: TX Mode_ Adapter: Huntkey

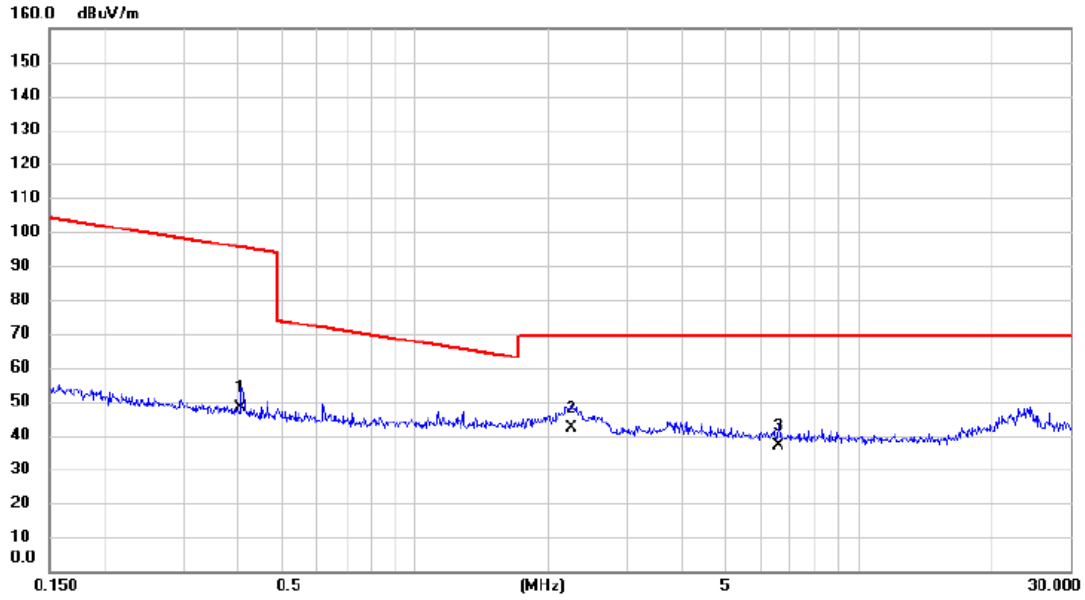
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.012	38.21	20.66	58.87	126.02	-67.15	AVG	
2		0.026	32.35	19.45	51.80	119.44	-67.64	AVG	
3	*	0.068	27.43	18.37	45.80	110.93	-65.13	AVG	

Test Mode: TX Mode_Adapter: Huntkey

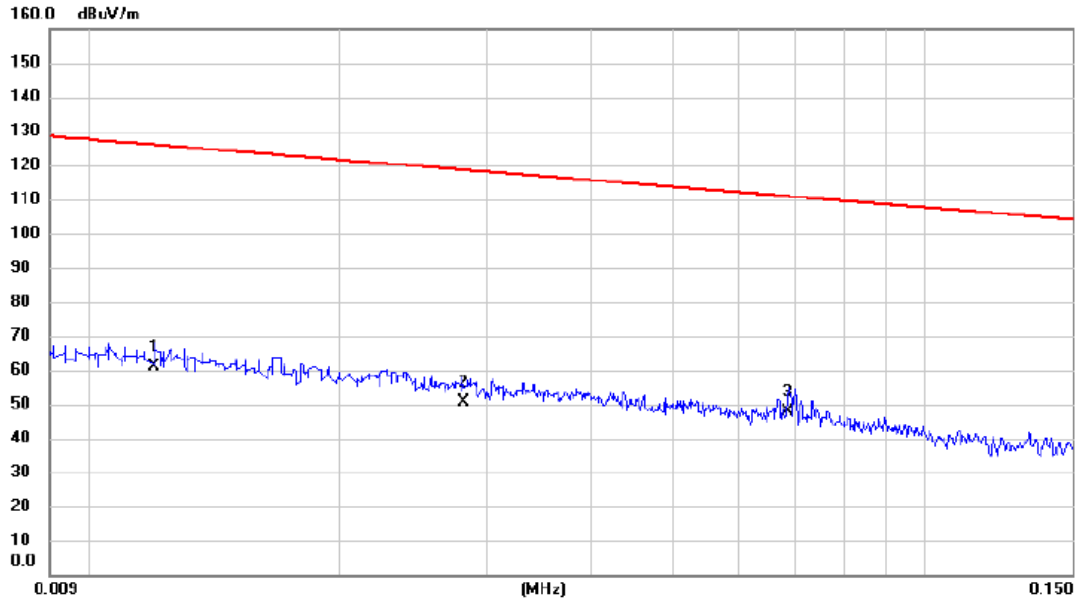
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.406	31.76	16.54	48.30	95.43	-47.13	AVG	
2	*	2.249	26.95	15.44	42.39	69.54	-27.15	QP	
3		6.592	22.67	14.18	36.85	69.54	-32.69	QP	

Test Mode: TX Mode_ Adapter: Huntkey

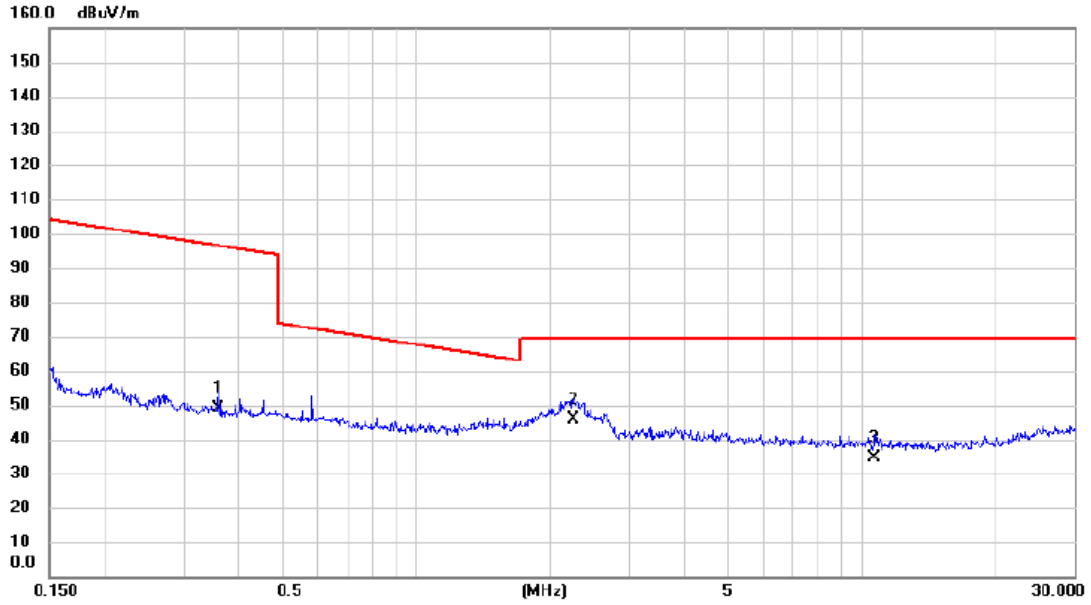
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.012	40.19	20.66	60.85	126.02	-65.17	AVG	
2		0.028	31.28	19.38	50.66	118.63	-67.97	AVG	
3	*	0.069	29.27	18.36	47.63	110.87	-63.24	AVG	

Test Mode: TX Mode_ Adapter: Huntkey

Ant 90°

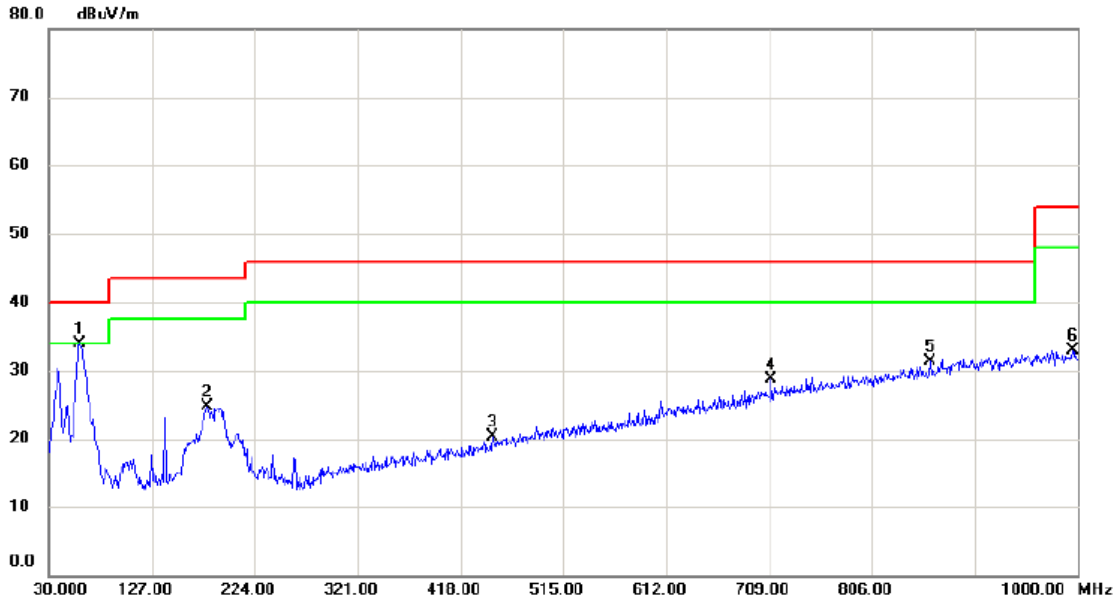


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.359	32.24	16.57	48.81	96.49	-47.68	AVG	
2	*	2.249	30.42	15.44	45.86	69.54	-23.68	QP	
3		10.676	20.65	13.80	34.45	69.54	-35.09	QP	

ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Mode: TX B MODE CHANNEL 01_Adapter: BYD

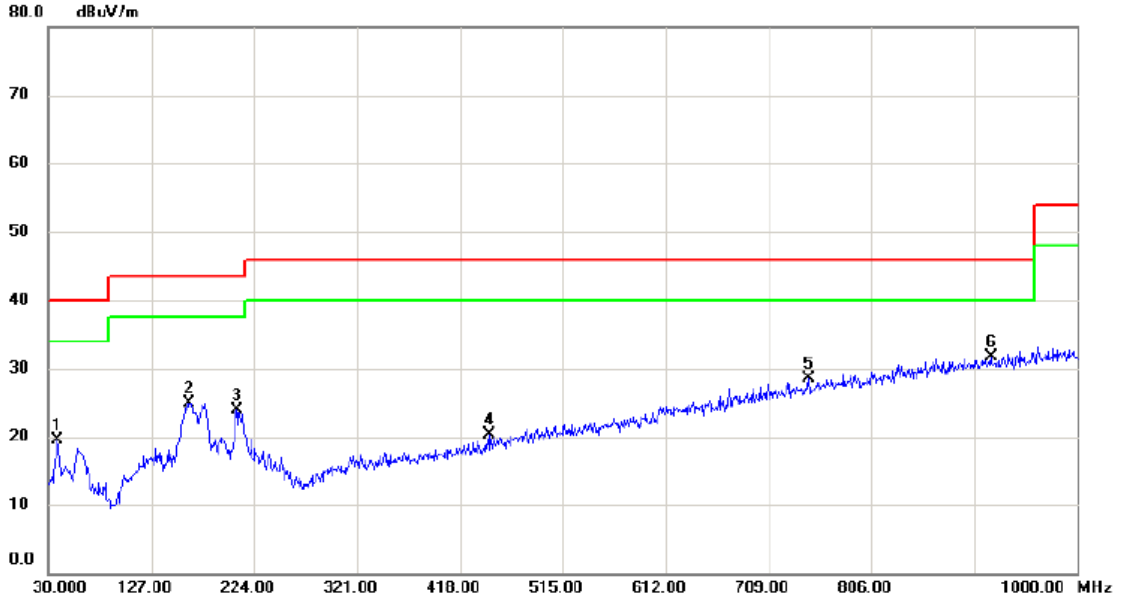
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	59.100	47.89	-13.95	33.94	40.00	-6.06	peak	
2		179.380	36.43	-11.66	24.77	43.50	-18.73	peak	
3		448.070	29.58	-9.28	20.30	46.00	-25.70	peak	
4		710.940	31.24	-2.59	28.65	46.00	-17.35	peak	
5		860.320	29.96	1.34	31.30	46.00	-14.70	peak	
6		995.150	28.81	4.12	32.93	54.00	-21.07	peak	

Test Mode: TX B MODE CHANNEL 01_Adapter: BYD

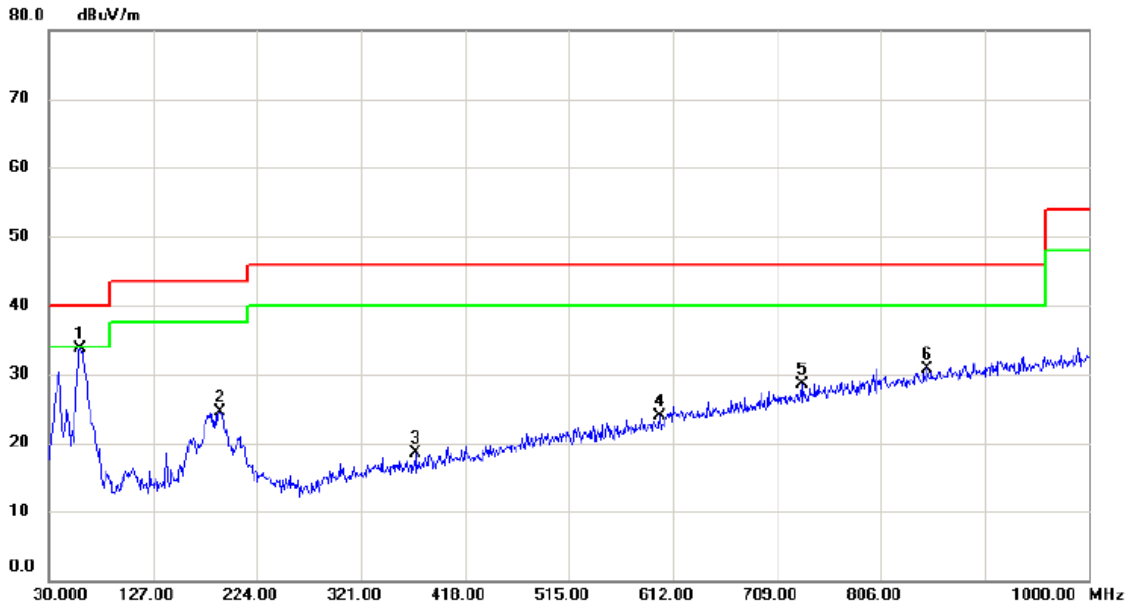
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		38.730	33.37	-13.93	19.44	40.00	-20.56	peak	
2		162.890	37.37	-12.38	24.99	43.50	-18.51	peak	
3		207.510	37.37	-13.51	23.86	43.50	-19.64	peak	
4		446.130	29.59	-9.34	20.25	46.00	-25.75	peak	
5		746.830	29.97	-1.50	28.47	46.00	-17.53	peak	
6	*	918.520	29.08	2.57	31.65	46.00	-14.35	peak	

Test Mode: TX B MODE CHANNEL 11_Adapter: BYD

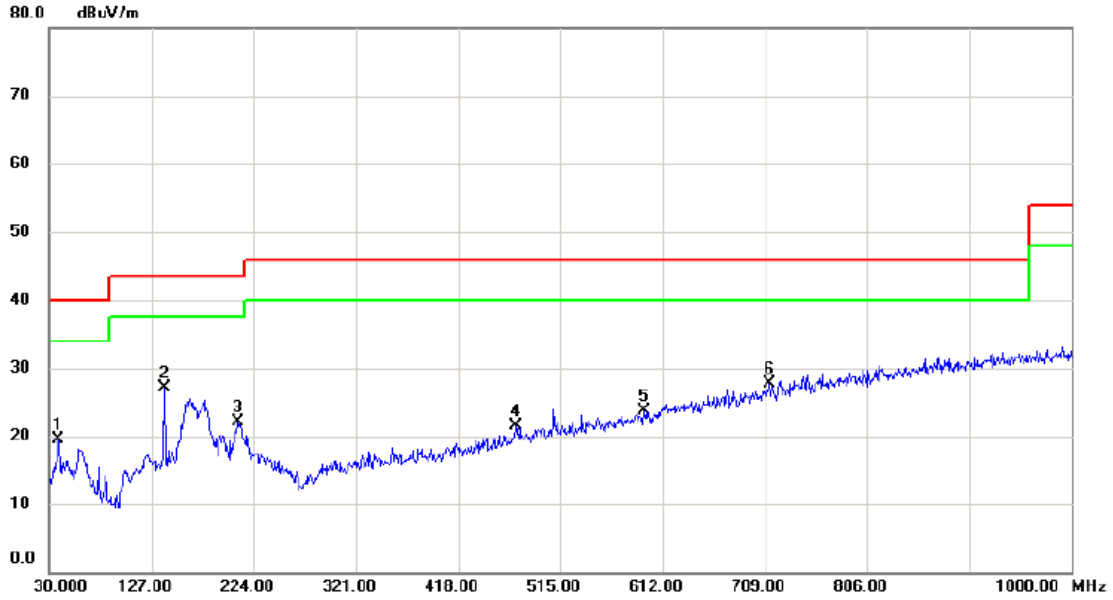
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	59.100	47.75	-13.95	33.80	40.00	-6.20	peak	
2		190.050	37.00	-12.45	24.55	43.50	-18.95	peak	
3		371.440	29.50	-11.07	18.43	46.00	-27.57	peak	
4		599.390	29.49	-5.50	23.99	46.00	-22.01	peak	
5		732.280	30.36	-1.94	28.42	46.00	-17.58	peak	
6		849.650	29.69	1.11	30.80	46.00	-15.20	peak	

Test Mode: TX B MODE CHANNEL 11_Adapter: BYD

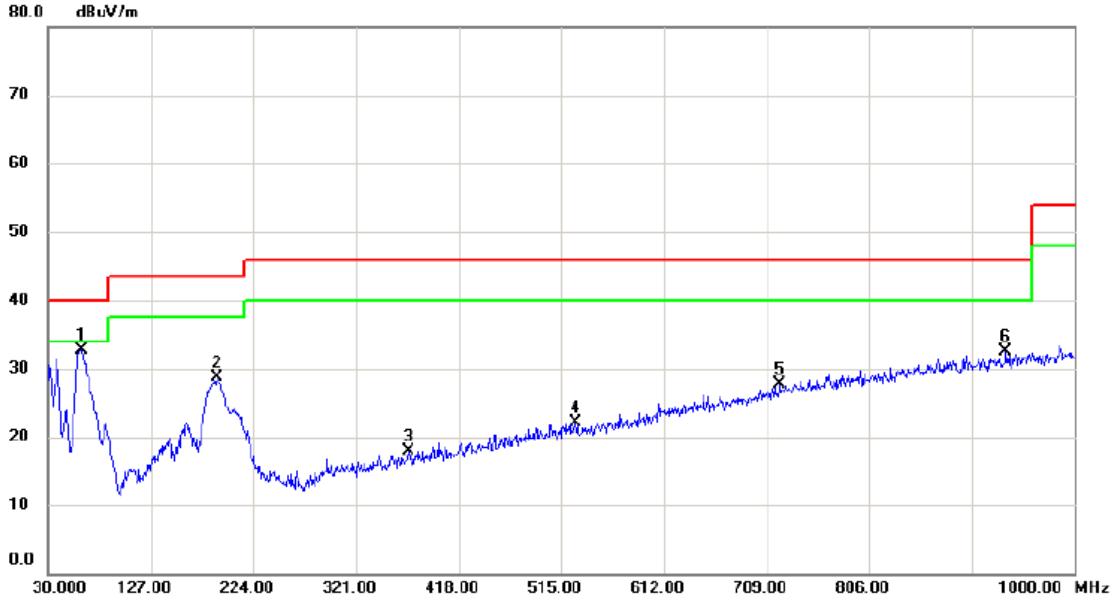
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		38.730	33.42	-13.93	19.49	40.00	-20.51	peak	
2	*	139.610	41.01	-13.88	27.13	43.50	-16.37	peak	
3		209.450	35.67	-13.54	22.13	43.50	-21.37	peak	
4		473.290	30.03	-8.61	21.42	46.00	-24.58	peak	
5		594.540	29.39	-5.64	23.75	46.00	-22.25	peak	
6		713.850	30.17	-2.50	27.67	46.00	-18.33	peak	

Test Mode: TX B MODE CHANNEL 01_Adapter: PHITEK

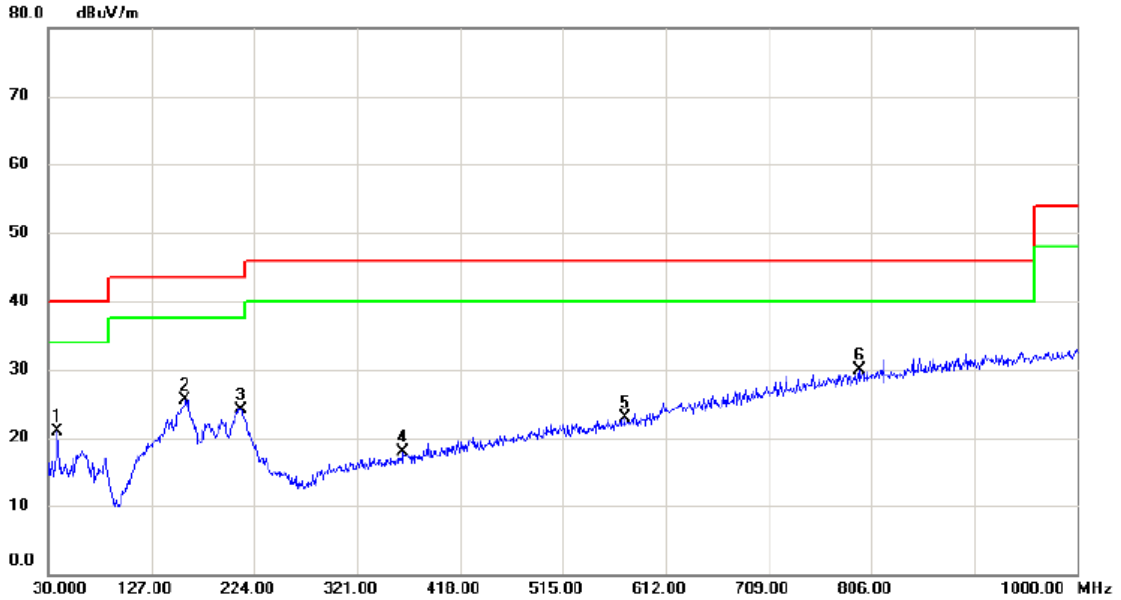
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	61.040	47.00	-14.20	32.80	40.00	-7.20	peak	
2		189.080	40.98	-12.37	28.61	43.50	-14.89	peak	
3		370.470	28.93	-11.08	17.85	46.00	-28.15	peak	
4		528.580	29.49	-7.33	22.16	46.00	-23.84	peak	
5		721.610	29.92	-2.26	27.66	46.00	-18.34	peak	
6		935.010	29.56	2.91	32.47	46.00	-13.53	peak	

Test Mode: TX B MODE CHANNEL 01_Adapter: PHITEK

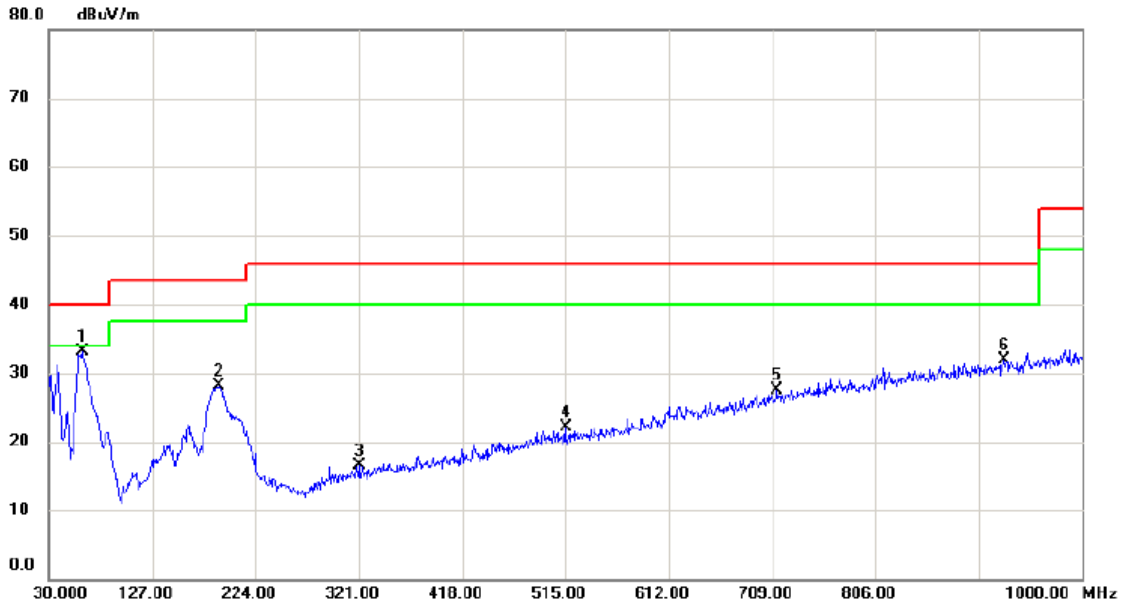
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		38.730	34.76	-13.93	20.83	40.00	-19.17	peak	
2		159.010	38.19	-12.61	25.58	43.50	-17.92	peak	
3		211.390	37.56	-13.54	24.02	43.50	-19.48	peak	
4		364.650	28.98	-11.14	17.84	46.00	-28.16	peak	
5		573.200	29.10	-6.22	22.88	46.00	-23.12	peak	
6	*	794.360	30.28	-0.40	29.88	46.00	-16.12	peak	

Test Mode: TX B MODE CHANNEL 11_Adapter: PHITEK

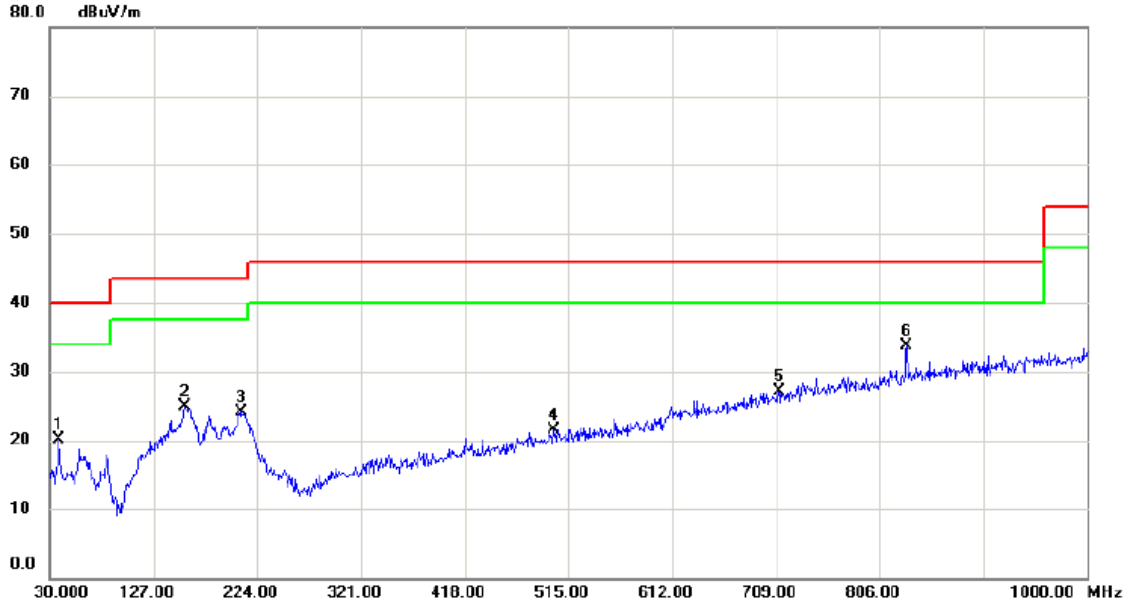
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	61.040	47.37	-14.20	33.17	40.00	-6.83	peak	
2		190.050	40.59	-12.45	28.14	43.50	-15.36	peak	
3		321.000	28.40	-11.89	16.51	46.00	-29.49	peak	
4		515.000	29.71	-7.60	22.11	46.00	-23.89	peak	
5		713.850	29.99	-2.50	27.49	46.00	-18.51	peak	
6		927.250	29.23	2.76	31.99	46.00	-14.01	peak	

Test Mode: TX B MODE CHANNEL 11_Adapter: PHITEK

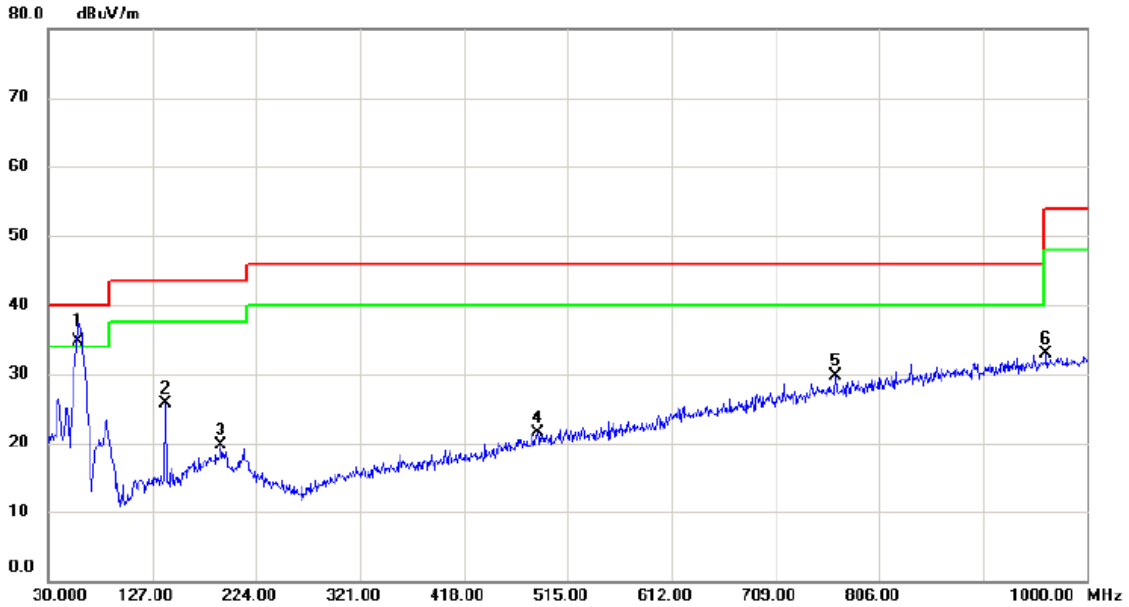
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		38.730	34.12	-13.93	20.19	40.00	-19.81	peak	
2		156.100	37.69	-12.78	24.91	43.50	-18.59	peak	
3		208.480	37.62	-13.51	24.11	43.50	-19.39	peak	
4		501.420	29.41	-7.89	21.52	46.00	-24.48	peak	
5		711.910	29.72	-2.55	27.17	46.00	-18.83	peak	
6	*	831.220	33.09	0.59	33.68	46.00	-12.32	peak	

Test Mode: TX B MODE CHANNEL 01_Adapter: Huntkey

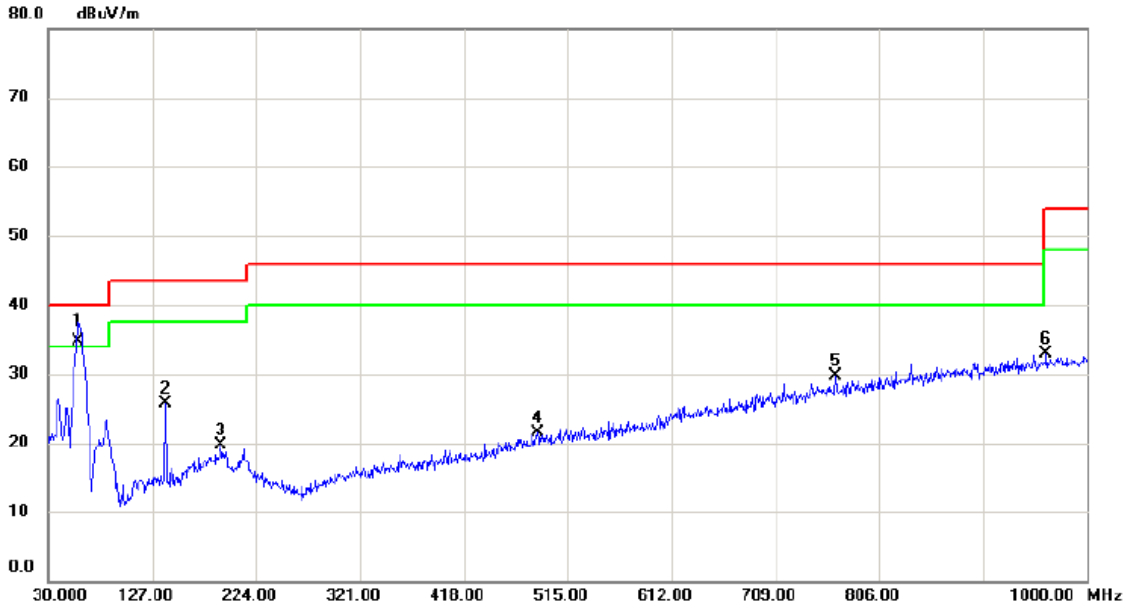
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	58.130	48.49	-13.85	34.64	40.00	-5.36	QP	
2		139.610	39.68	-13.88	25.80	43.50	-17.70	peak	
3		191.020	32.23	-12.54	19.69	43.50	-23.81	peak	
4		486.870	29.69	-8.27	21.42	46.00	-24.58	peak	
5		765.260	30.69	-1.06	29.63	46.00	-16.37	peak	
6		962.170	29.37	3.46	32.83	54.00	-21.17	peak	

Test Mode: TX B MODE CHANNEL 01_Adapter: Huntkey

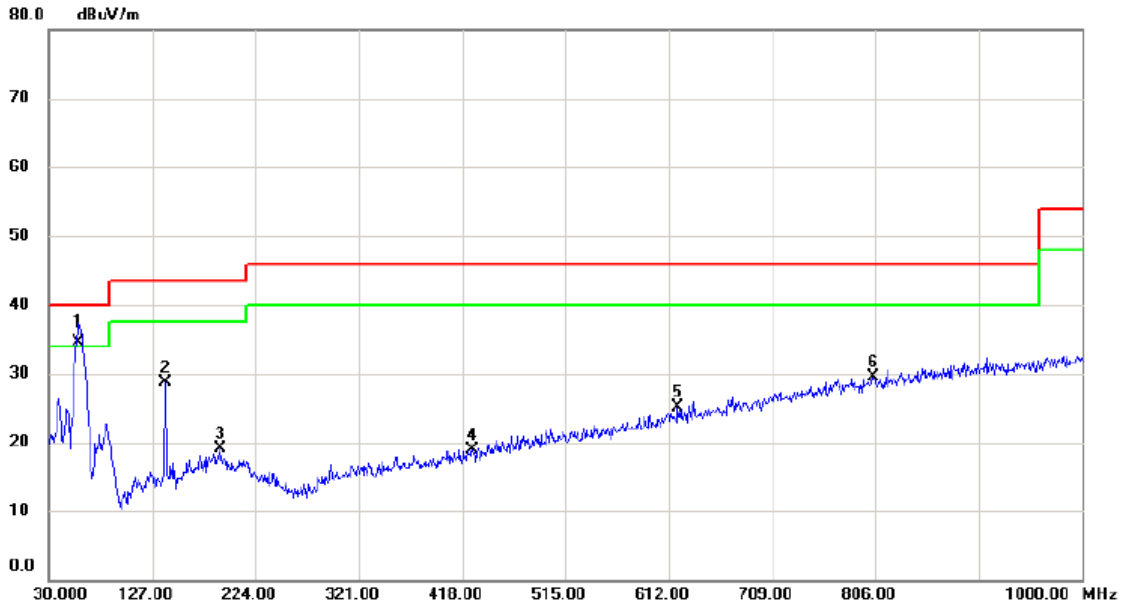
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	58.130	48.49	-13.85	34.64	40.00	-5.36	QP	
2		139.610	39.68	-13.88	25.80	43.50	-17.70	peak	
3		191.020	32.23	-12.54	19.69	43.50	-23.81	peak	
4		486.870	29.69	-8.27	21.42	46.00	-24.58	peak	
5		765.260	30.69	-1.06	29.63	46.00	-16.37	peak	
6		962.170	29.37	3.46	32.83	54.00	-21.17	peak	

Test Mode: TX B MODE CHANNEL 11_Adapter: Huntkey

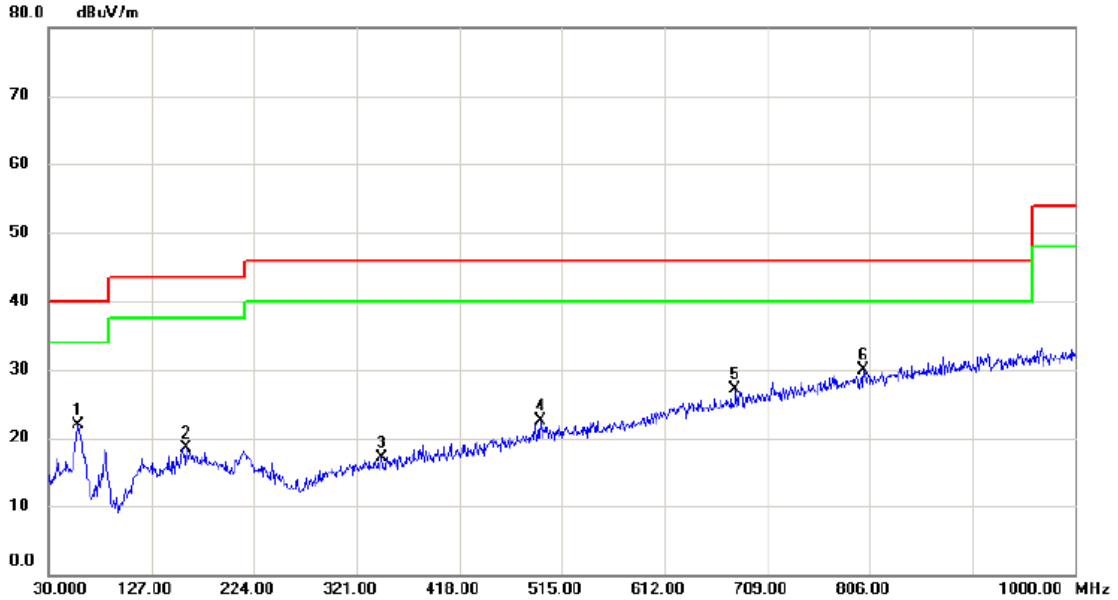
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	58.130	48.44	-13.85	34.59	40.00	-5.41	QP	
2		139.610	42.52	-13.88	28.64	43.50	-14.86	peak	
3		191.020	31.59	-12.54	19.05	43.50	-24.45	peak	
4		427.700	28.77	-9.88	18.89	46.00	-27.11	peak	
5		620.730	30.12	-5.08	25.04	46.00	-20.96	peak	
6		804.060	29.76	-0.16	29.60	46.00	-16.40	peak	

Test Mode: TX B MODE CHANNEL 11_Adapter: Huntkey

Horizontal

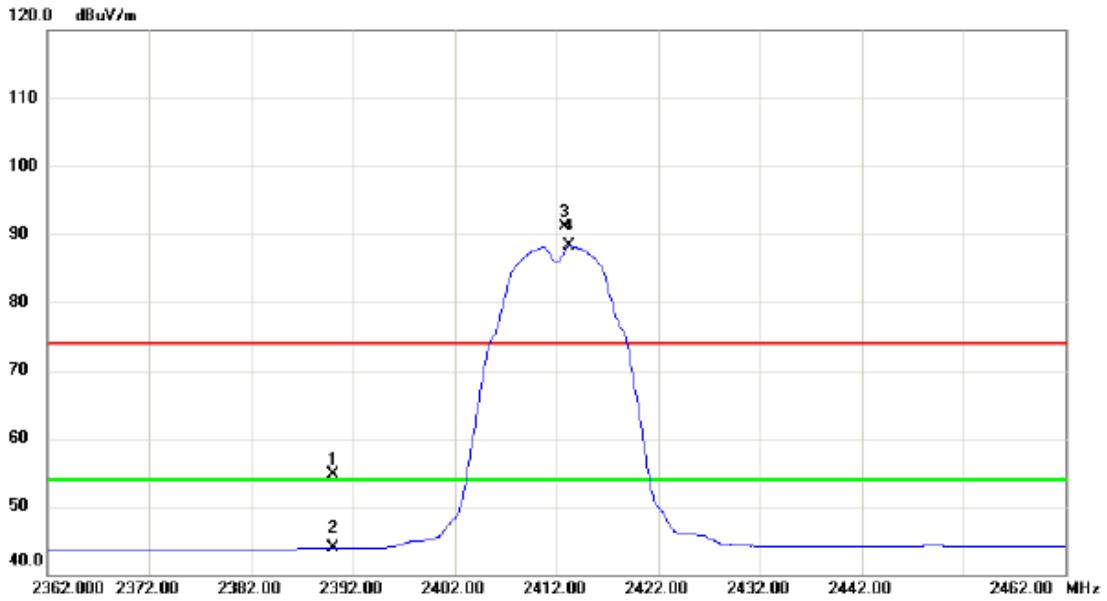


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		58.130	35.80	-13.85	21.95	40.00	-18.05	peak	
2		159.980	31.12	-12.56	18.56	43.50	-24.94	peak	
3		345.250	28.58	-11.42	17.16	46.00	-28.84	peak	
4		494.630	30.58	-8.07	22.51	46.00	-23.49	peak	
5		678.930	30.60	-3.59	27.01	46.00	-18.99	peak	
6	*	800.180	30.10	-0.27	29.83	46.00	-16.17	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

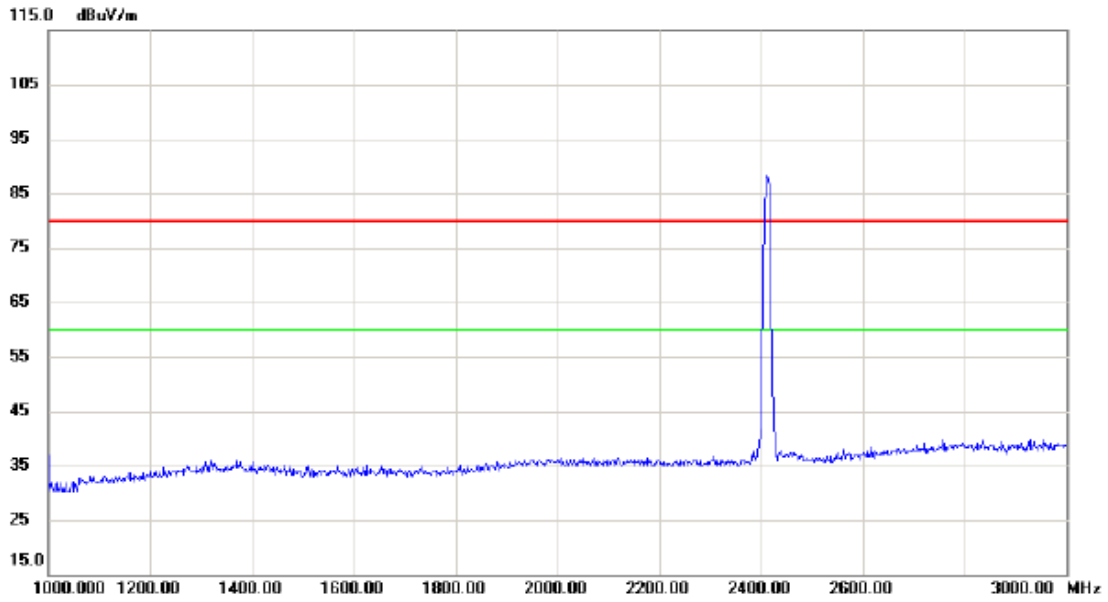
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2390.000	22.43	32.37	54.80	74.00	-19.20	peak	
2		2390.000	11.50	32.37	43.87	54.00	-10.13	AVG	
3	X	2412.900	58.72	32.45	91.17	74.00	17.17	peak	No Limit
4	*	2413.300	55.79	32.46	88.25	54.00	34.25	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

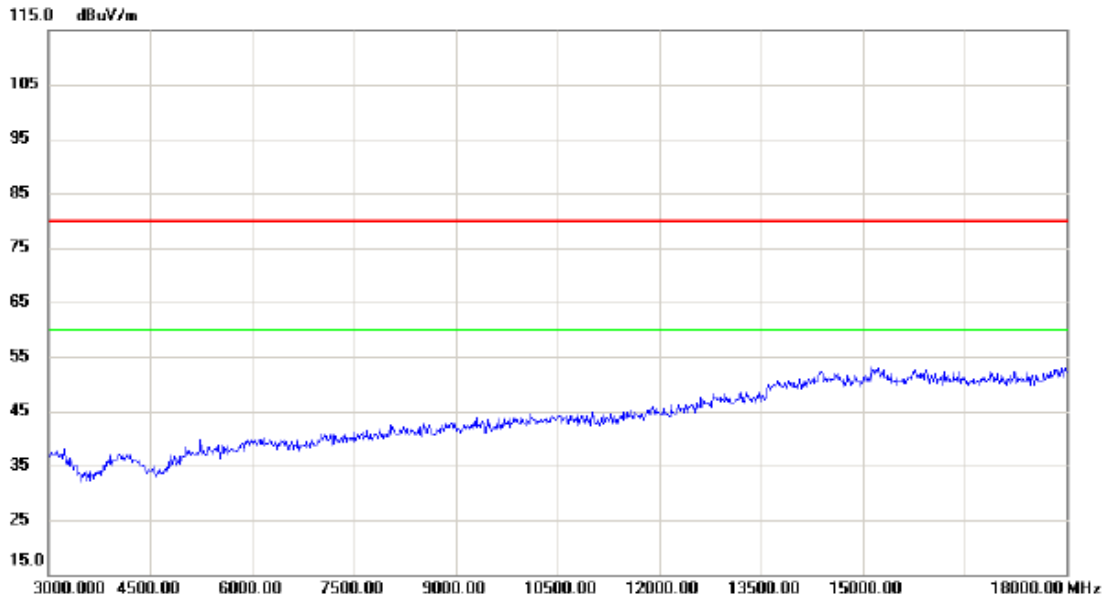
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2412	85		85	80	5		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

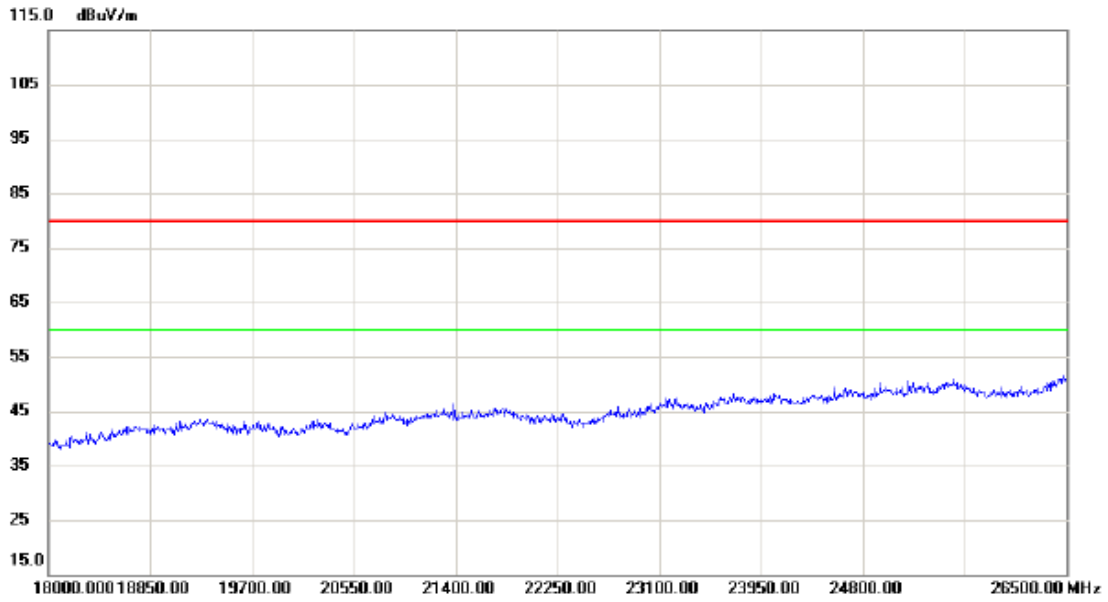
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

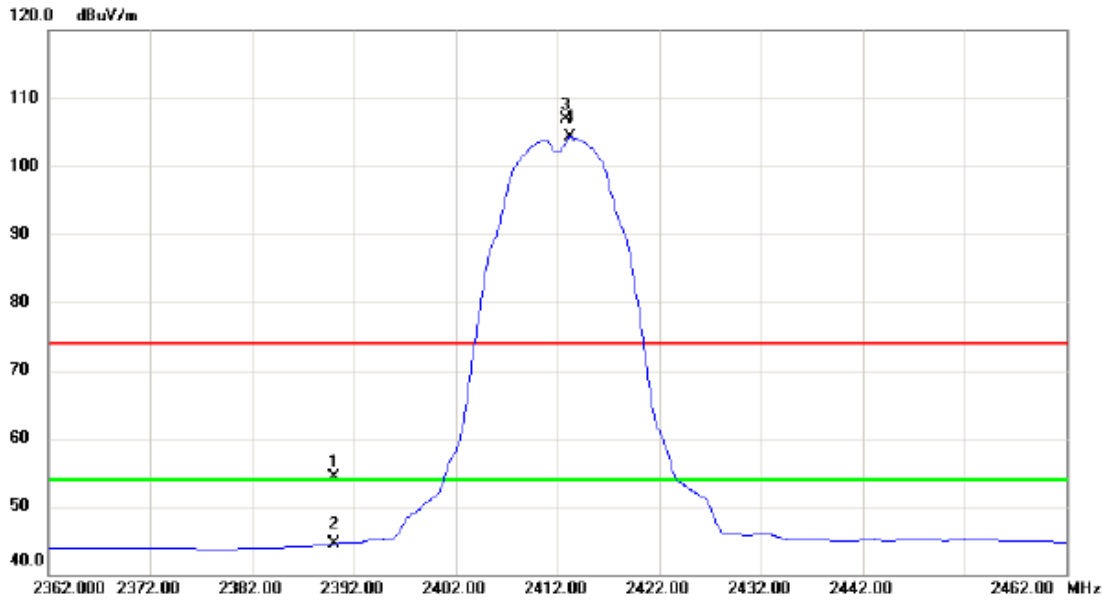
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

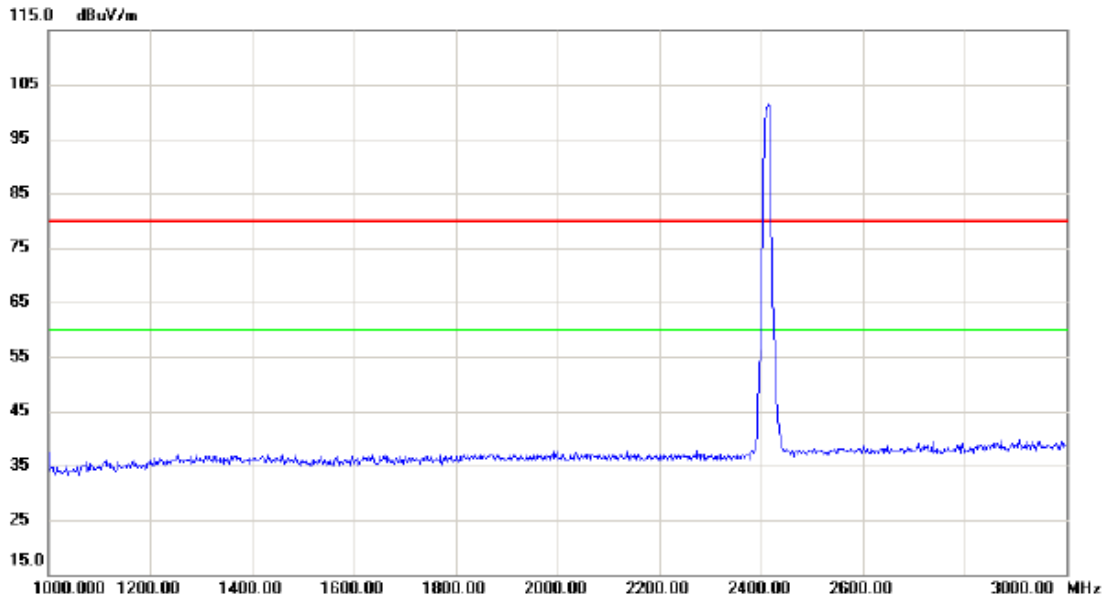
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	21.86	32.37	54.23	74.00	-19.77	peak	
2		2390.000	12.06	32.37	44.43	54.00	-9.57	AVG	
3	X	2412.900	74.54	32.45	106.99	74.00	32.99	peak	No Limit
4	*	2413.300	71.82	32.46	104.28	54.00	50.28	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

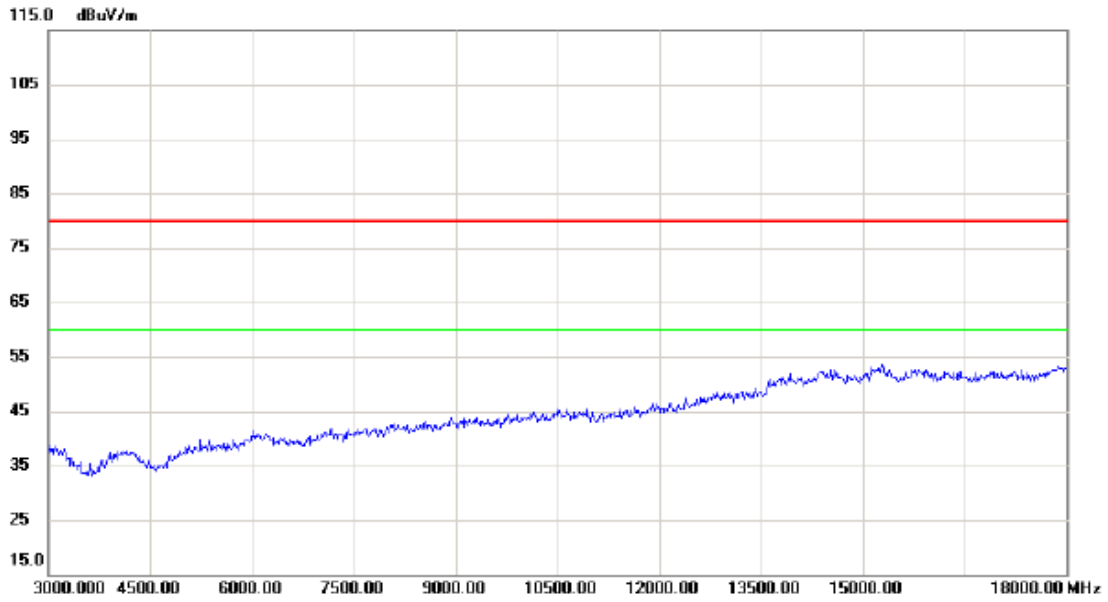
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2412	105		105	80	25		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

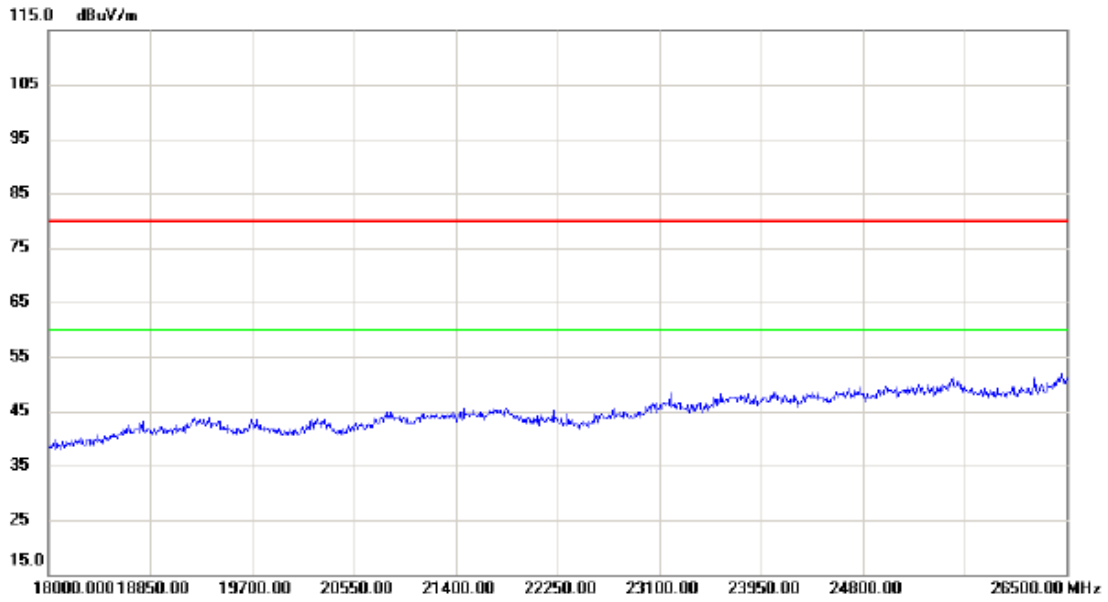
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

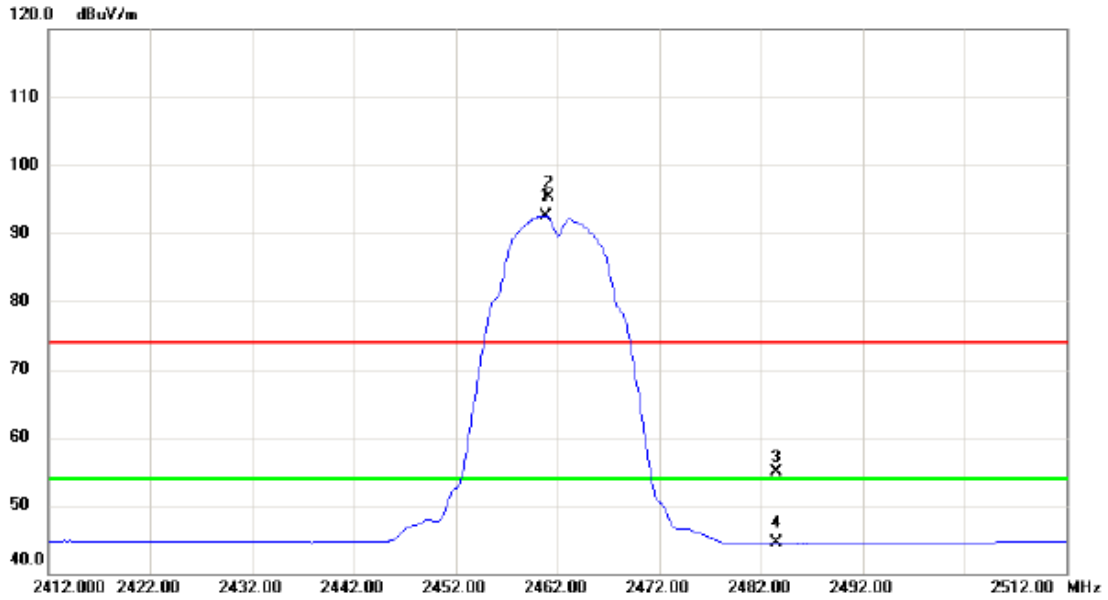
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

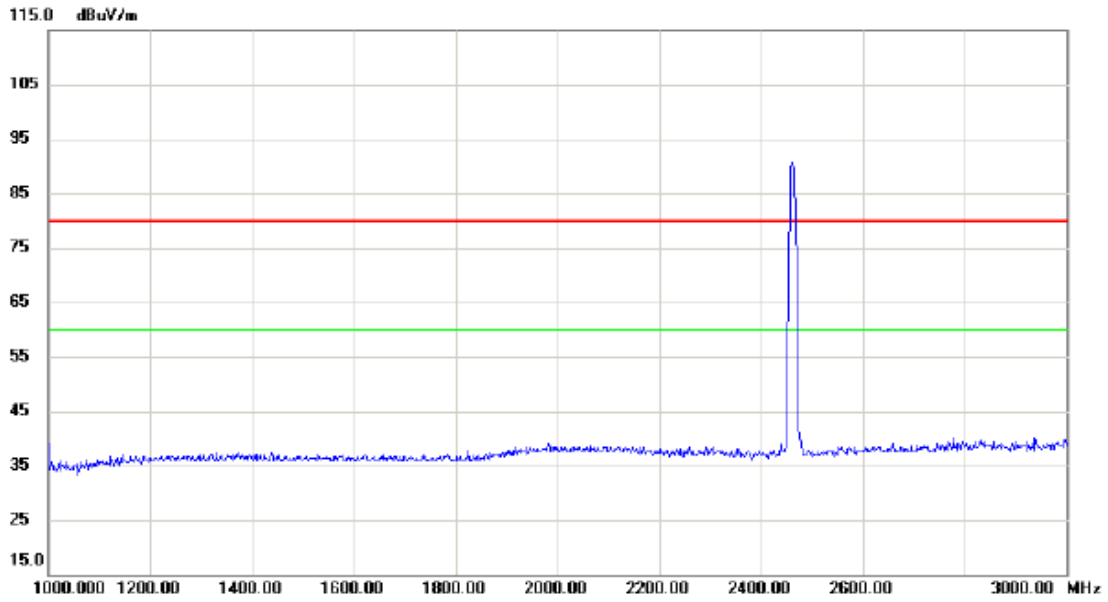
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2460.800	59.97	32.63	92.60	54.00	38.60	AVG	No Limit
2	X	2461.200	62.60	32.63	95.23	74.00	21.23	peak	No Limit
3		2483.500	22.10	32.71	54.81	74.00	-19.19	peak	
4		2483.500	11.75	32.71	44.46	54.00	-9.54	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

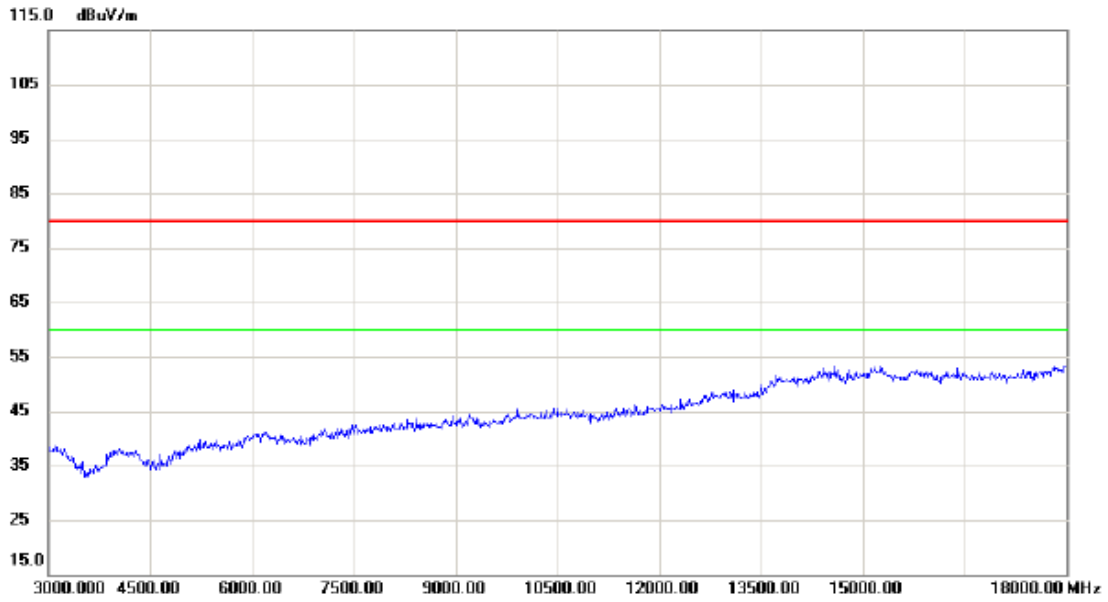
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

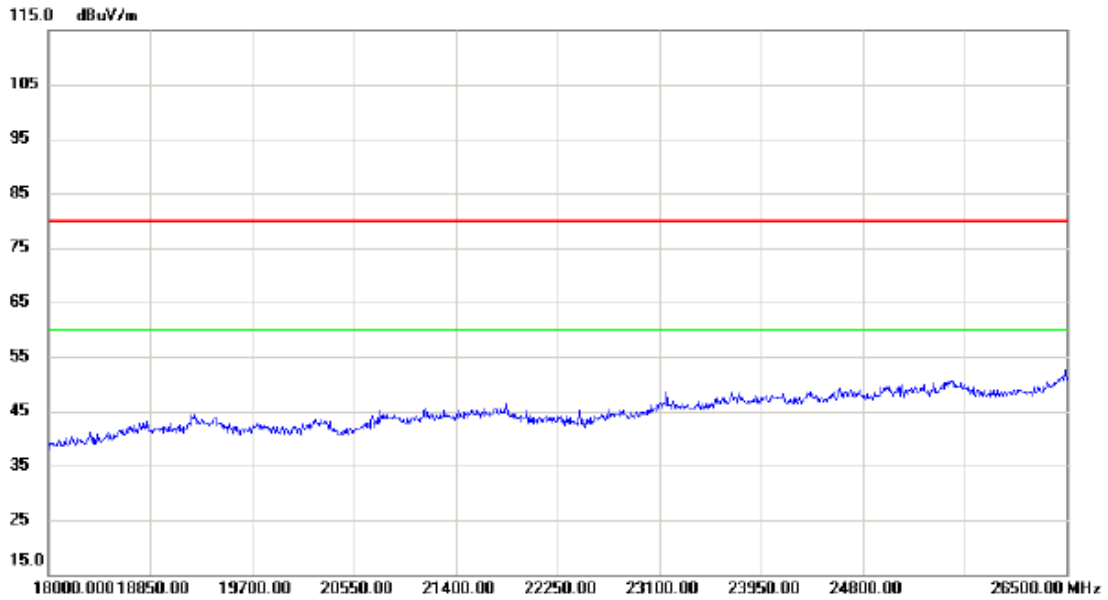
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

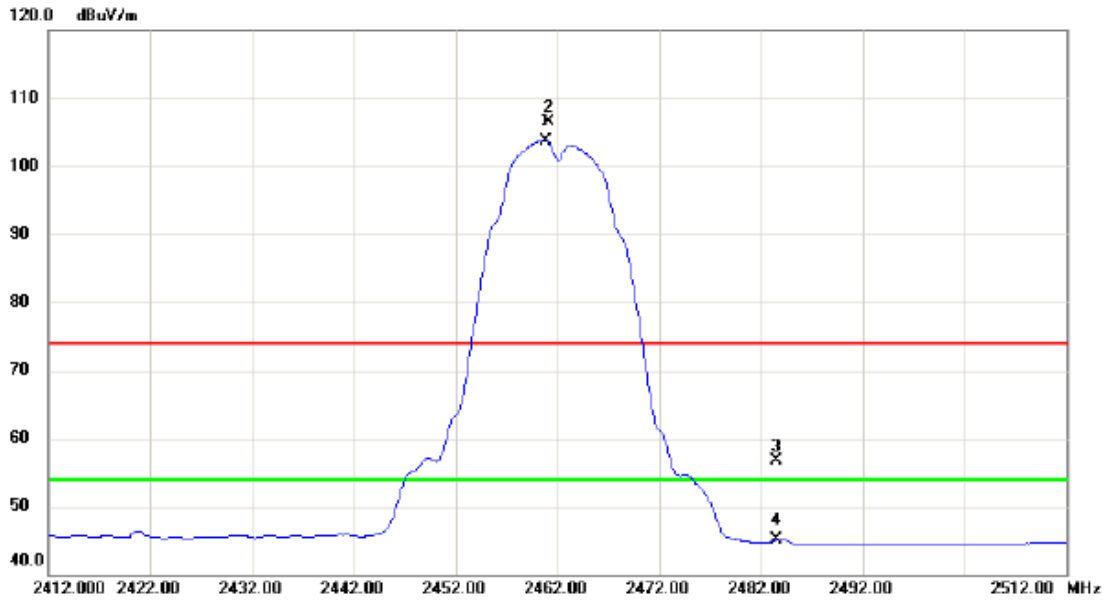
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

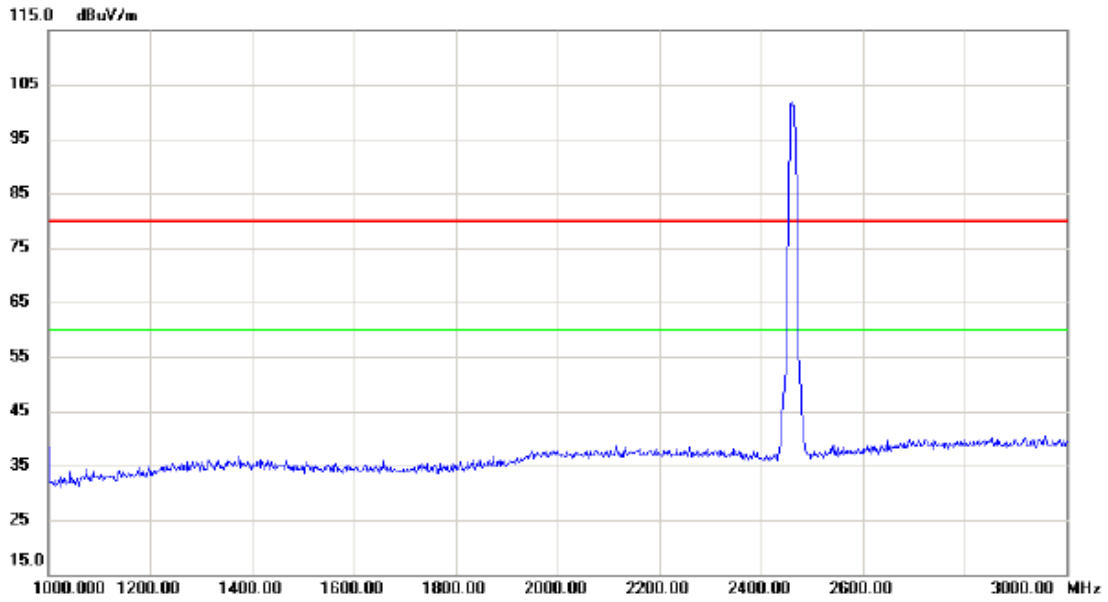
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2460.800	71.17	32.63	103.80	54.00	49.80	AVG	No Limit
2	X	2461.200	73.82	32.63	106.45	74.00	32.45	peak	No Limit
3		2483.500	23.94	32.71	56.65	74.00	-17.35	peak	
4		2483.500	12.32	32.71	45.03	54.00	-8.97	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

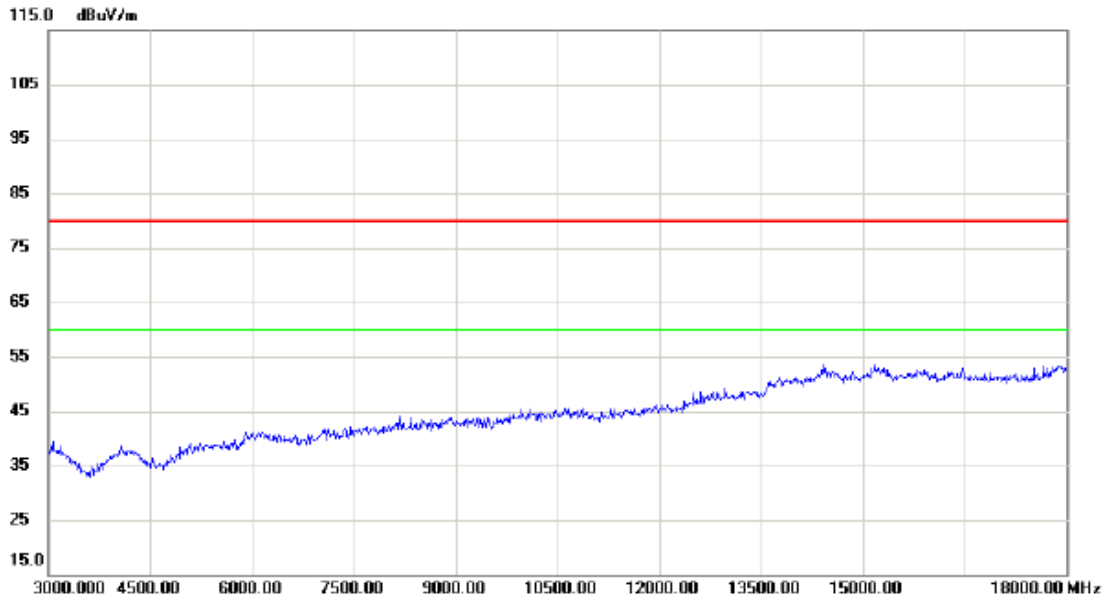
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

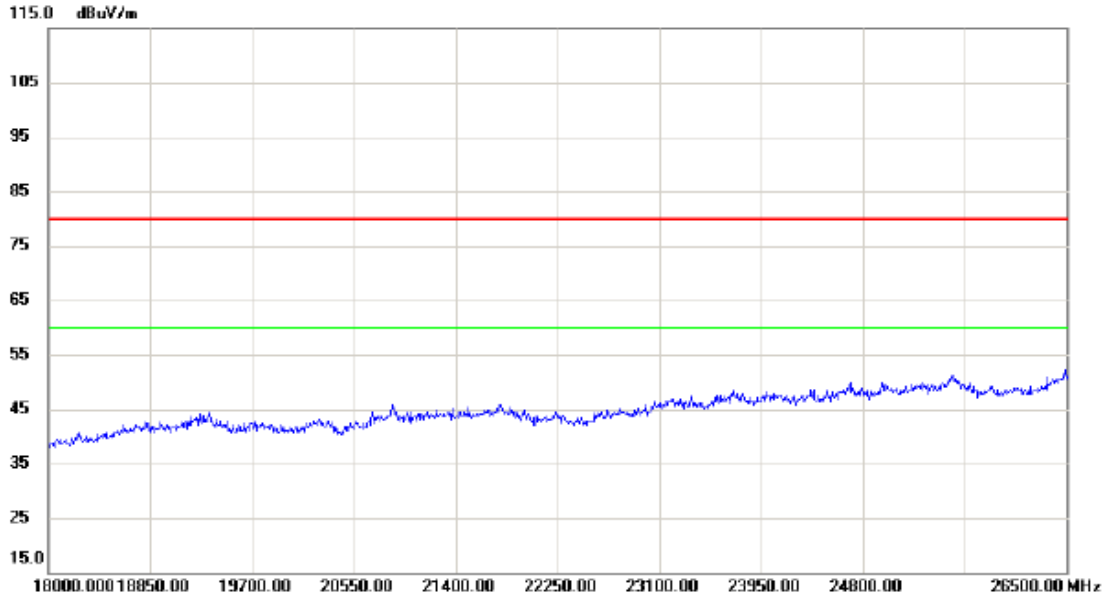
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

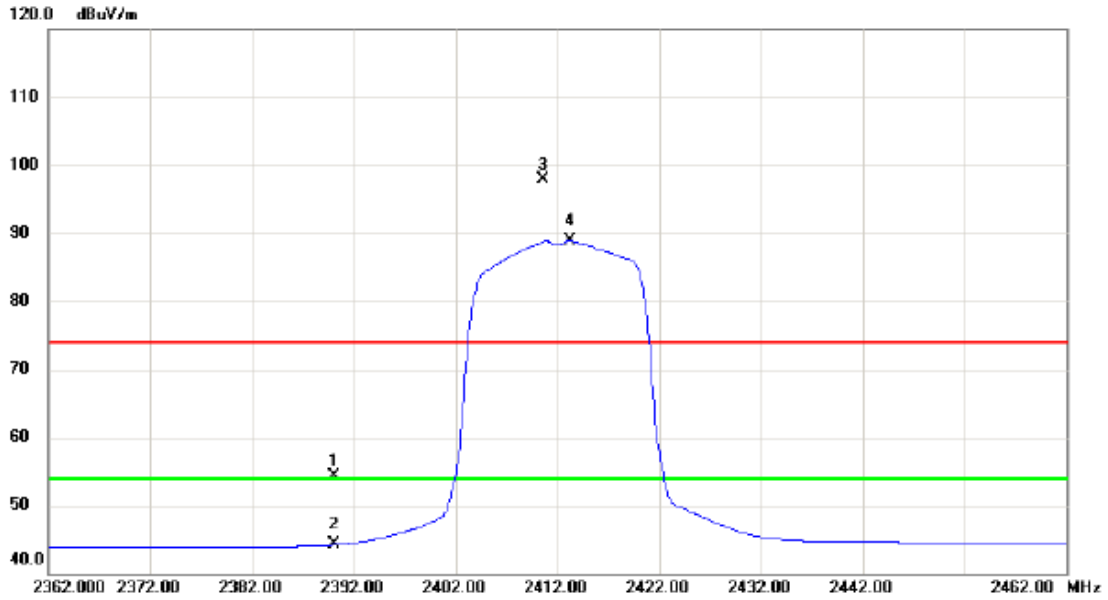
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

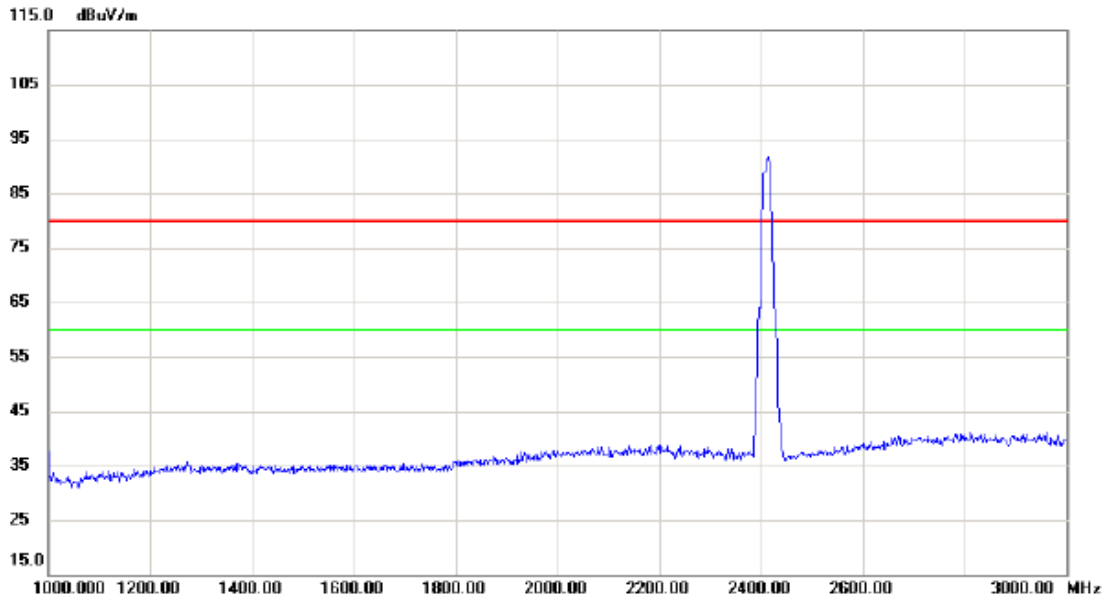
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	21.94	32.37	54.31	74.00	-19.69	peak	
2		2390.000	11.83	32.37	44.20	54.00	-9.80	AVG	
3	X	2410.600	65.54	32.45	97.99	74.00	23.99	peak	No Limit
4	*	2413.300	56.49	32.46	88.95	54.00	34.95	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

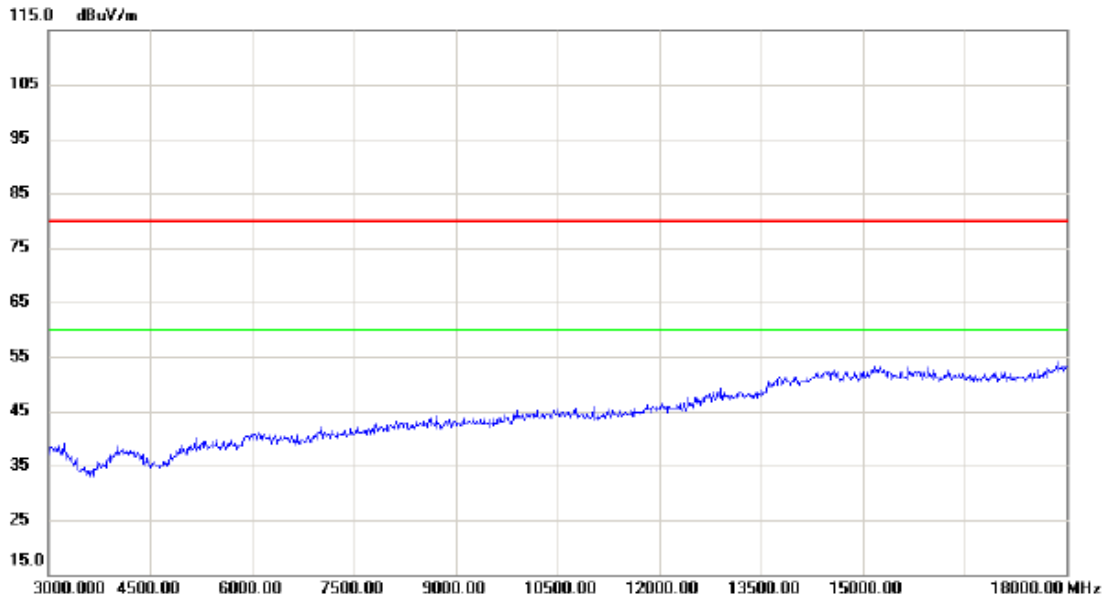
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2412	90		90	80	10		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

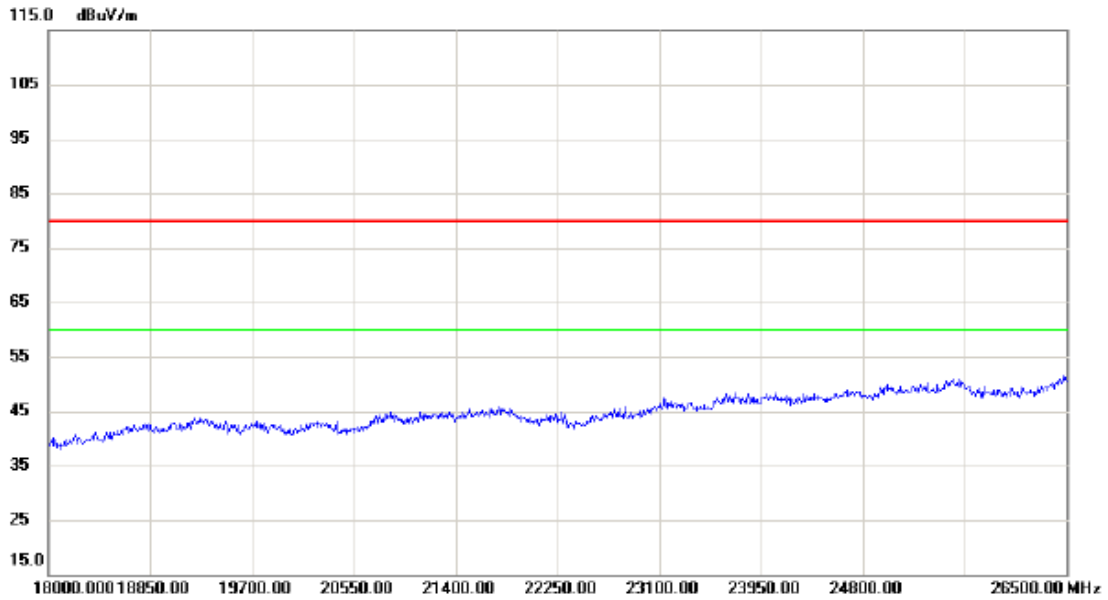
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

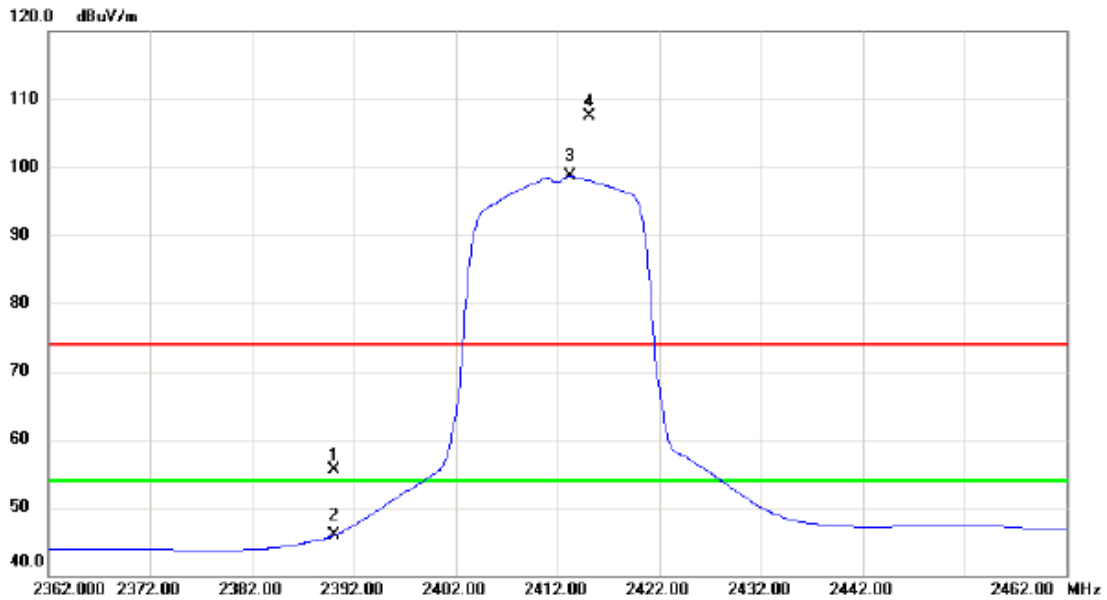
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

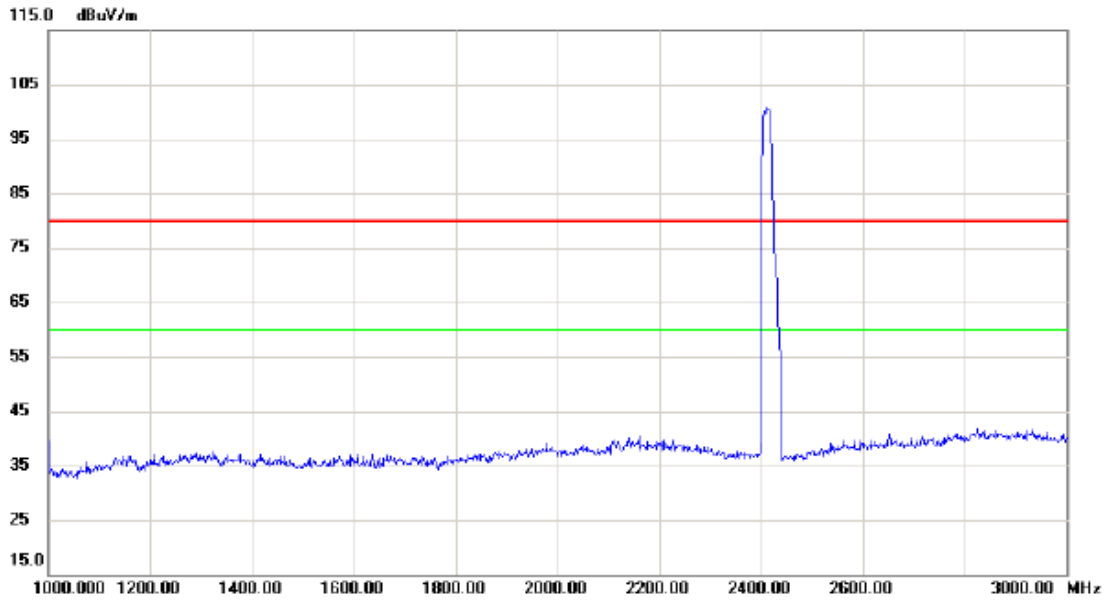
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	23.11	32.37	55.48	74.00	-18.52	peak	
2		2390.000	13.47	32.37	45.84	54.00	-8.16	AVG	
3	*	2413.300	66.28	32.46	98.74	54.00	44.74	AVG	No Limit
4	X	2415.100	75.08	32.47	107.55	74.00	33.55	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

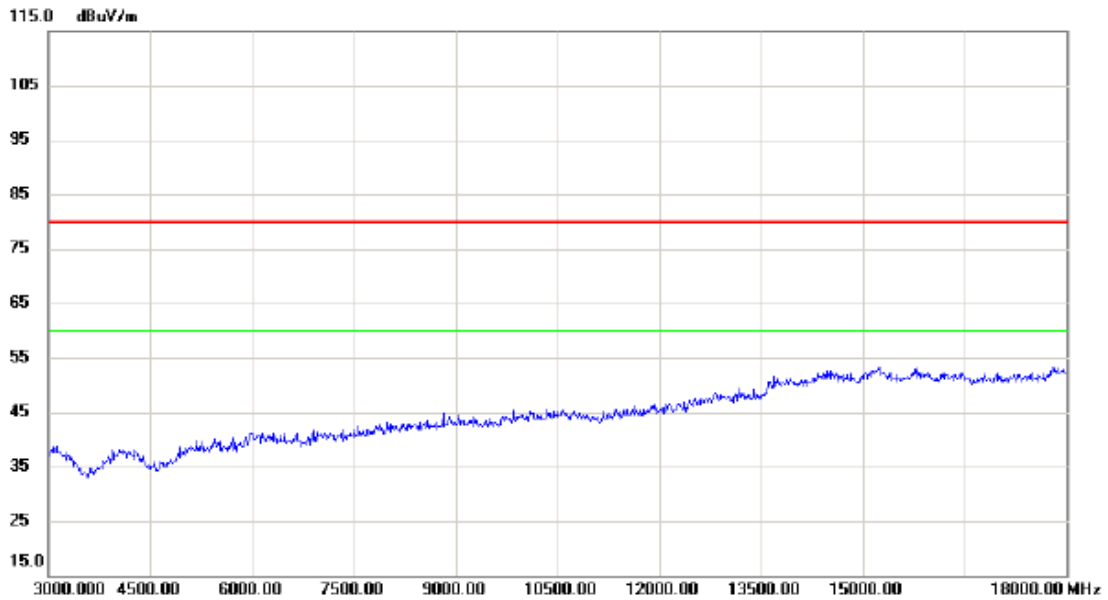
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2412.000	100.0	0.0	100.0	80.0	20.0		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

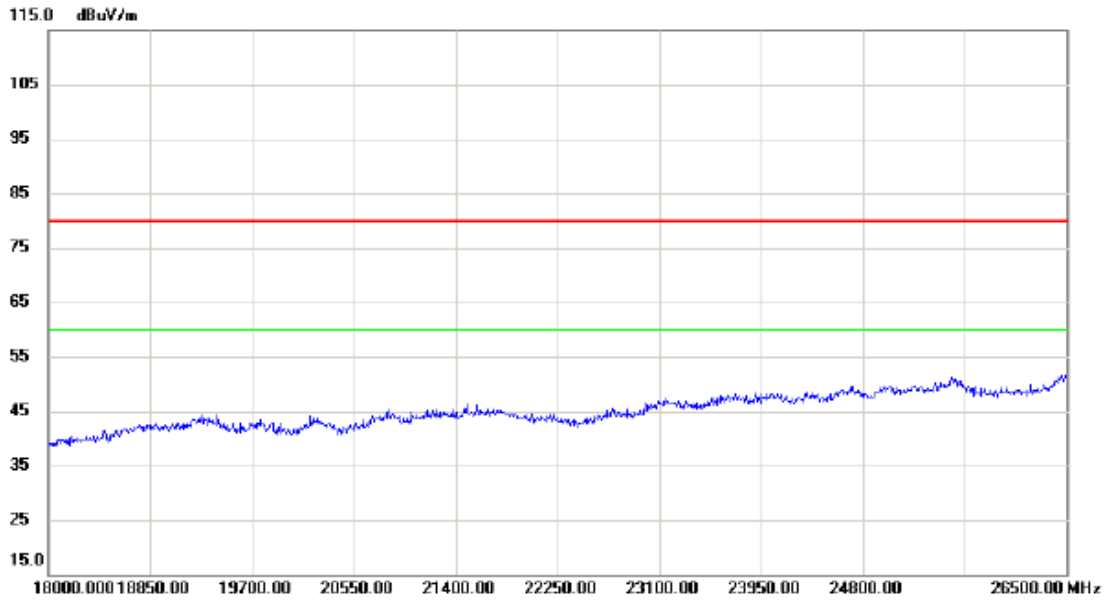
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

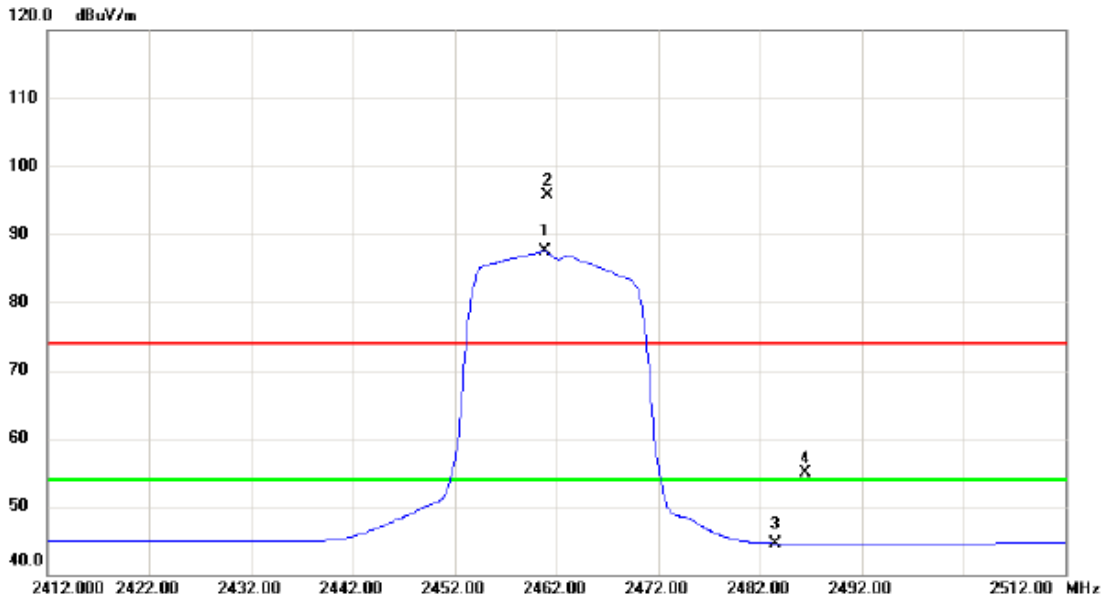
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

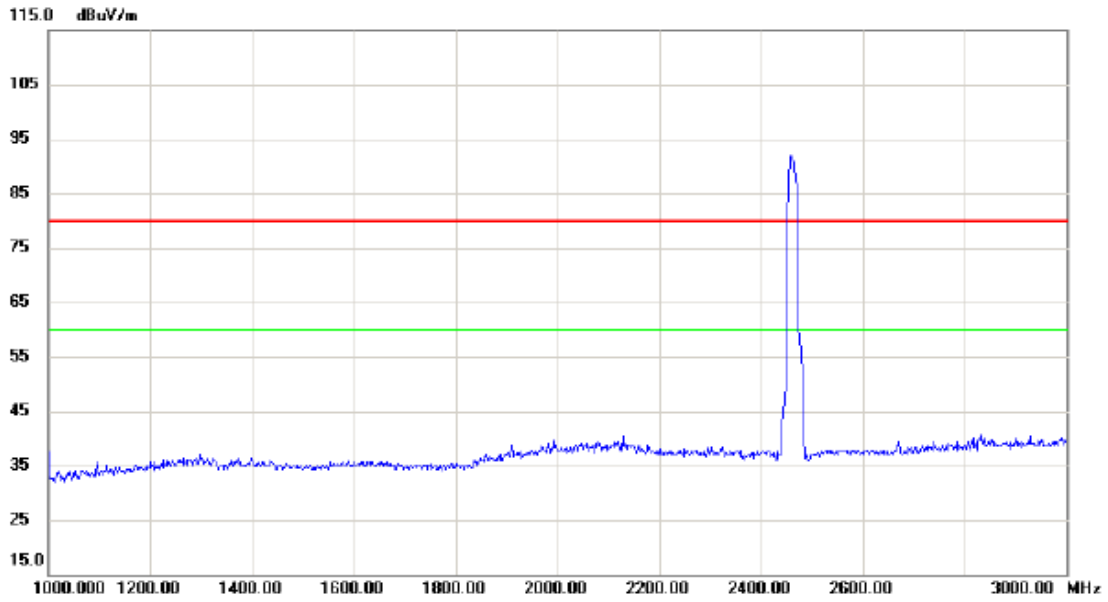
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	2460.800	54.82	32.63	87.45	54.00	33.45	AVG	No Limit
2	X	2461.200	63.15	32.63	95.78	74.00	21.78	peak	No Limit
3		2483.500	11.87	32.71	44.58	54.00	-9.42	AVG	
4		2486.500	22.11	32.72	54.83	74.00	-19.17	peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

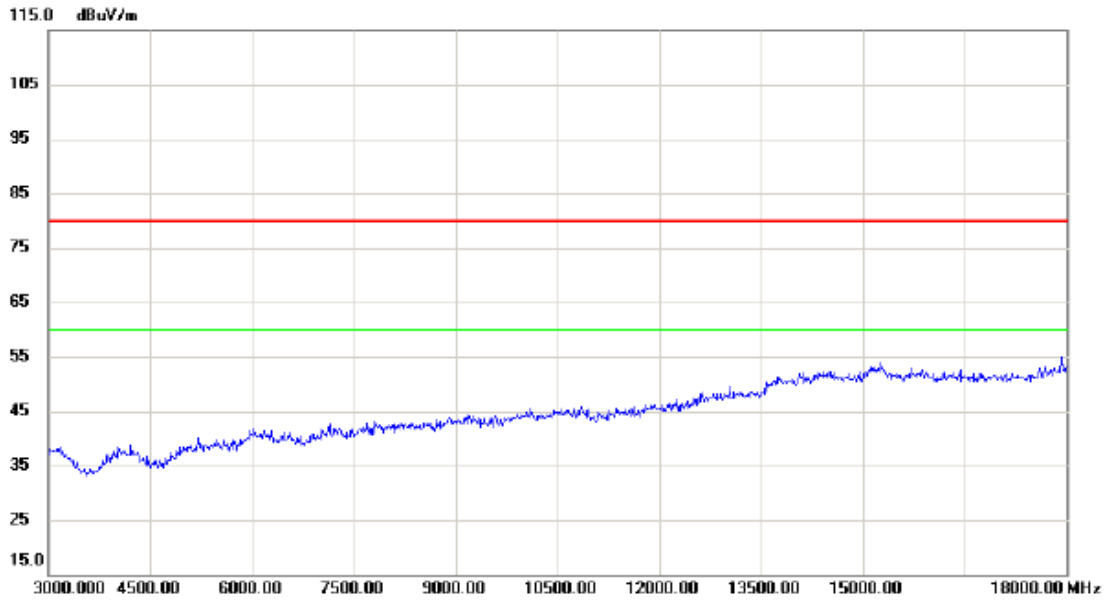
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

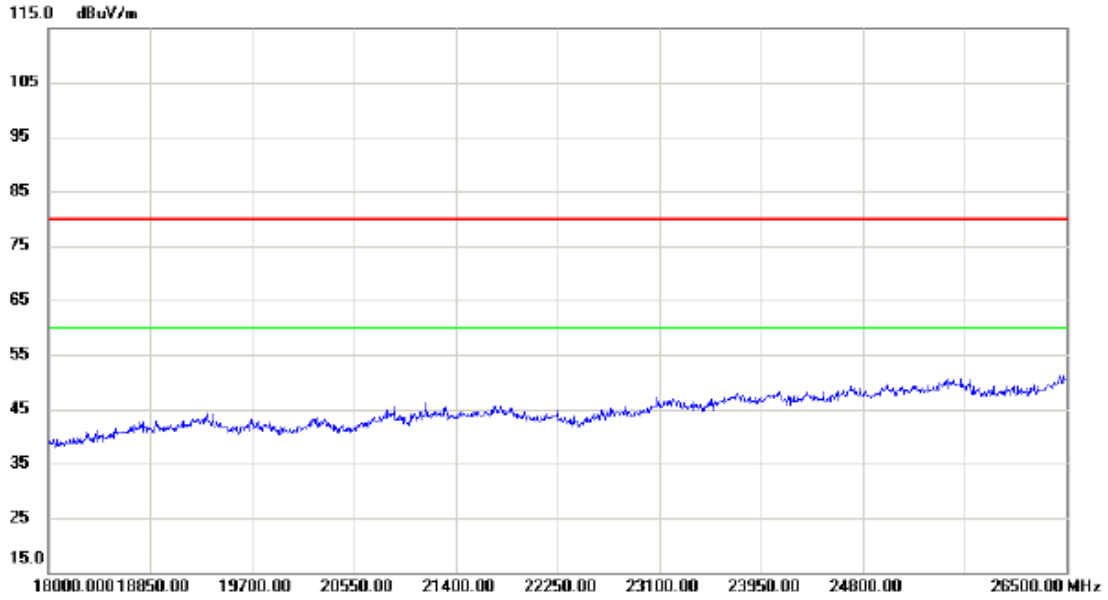
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

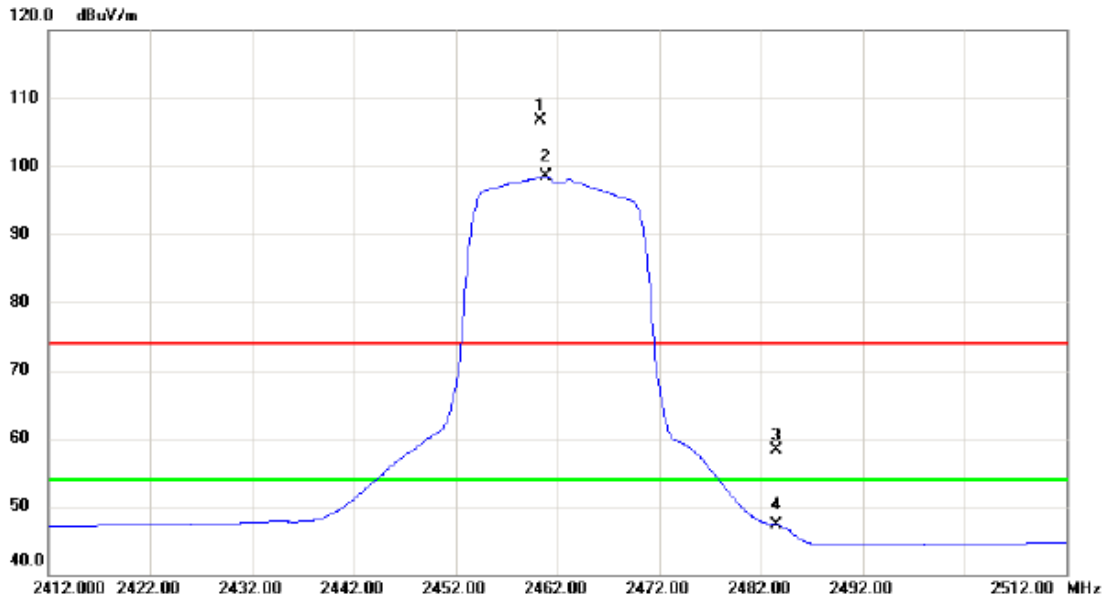
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

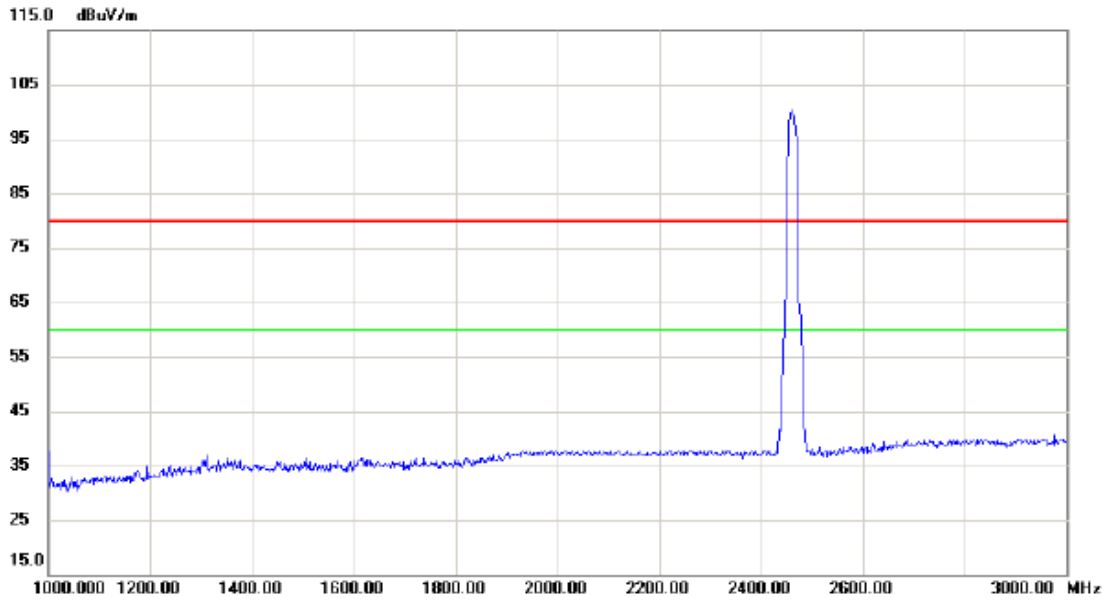
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2460.300	74.07	32.63	106.70	74.00	32.70	peak	No Limit
2	*	2460.800	65.87	32.63	98.50	54.00	44.50	AVG	No Limit
3		2483.500	25.54	32.71	58.25	74.00	-15.75	peak	
4		2483.500	14.61	32.71	47.32	54.00	-6.68	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

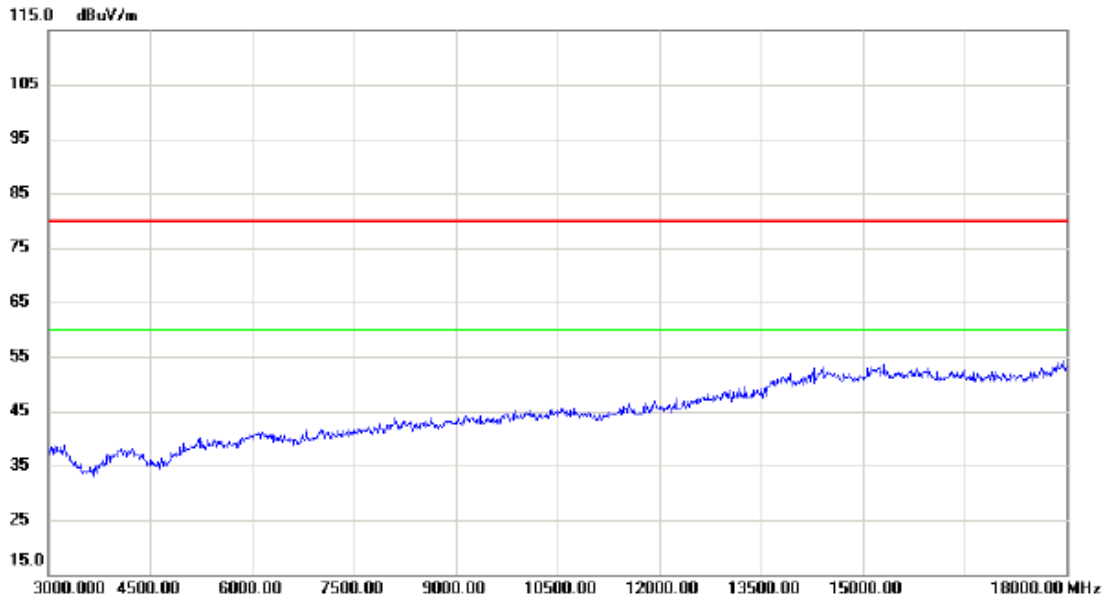
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2462	100		100	80	20		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

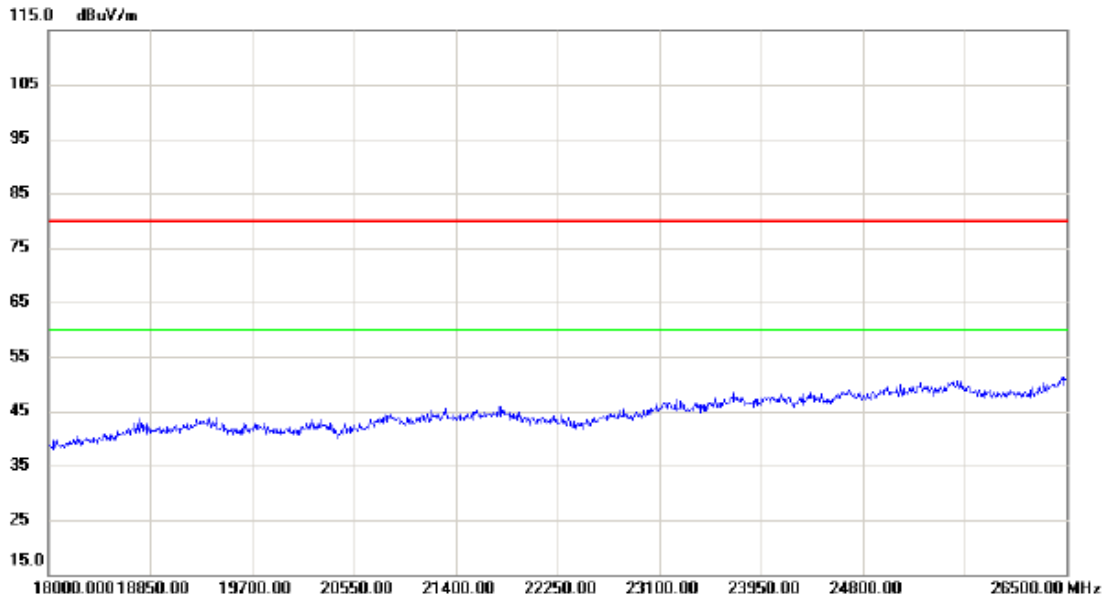
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

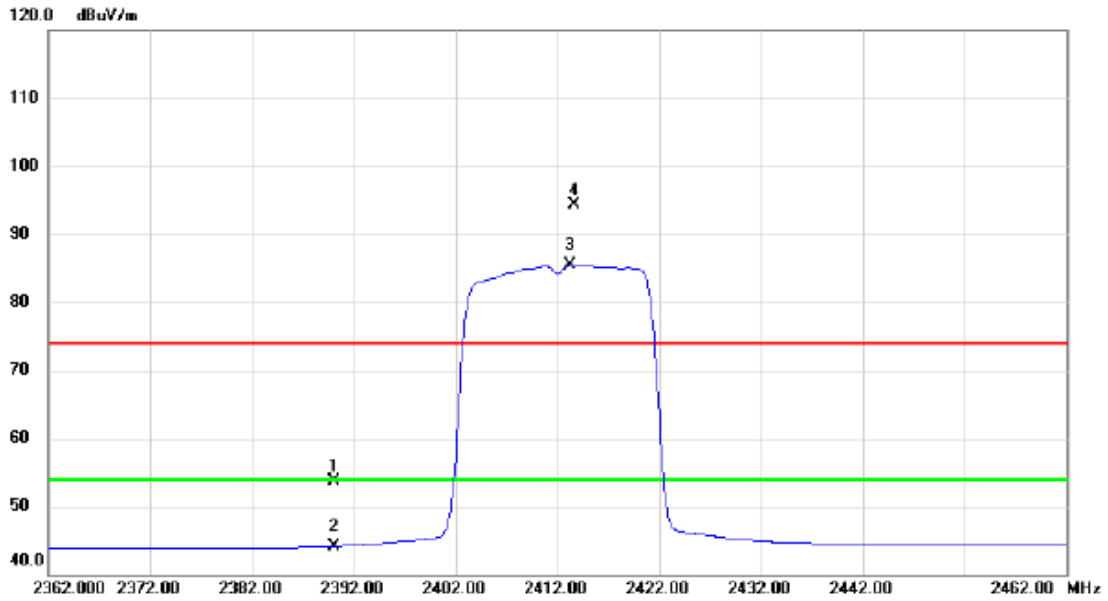
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

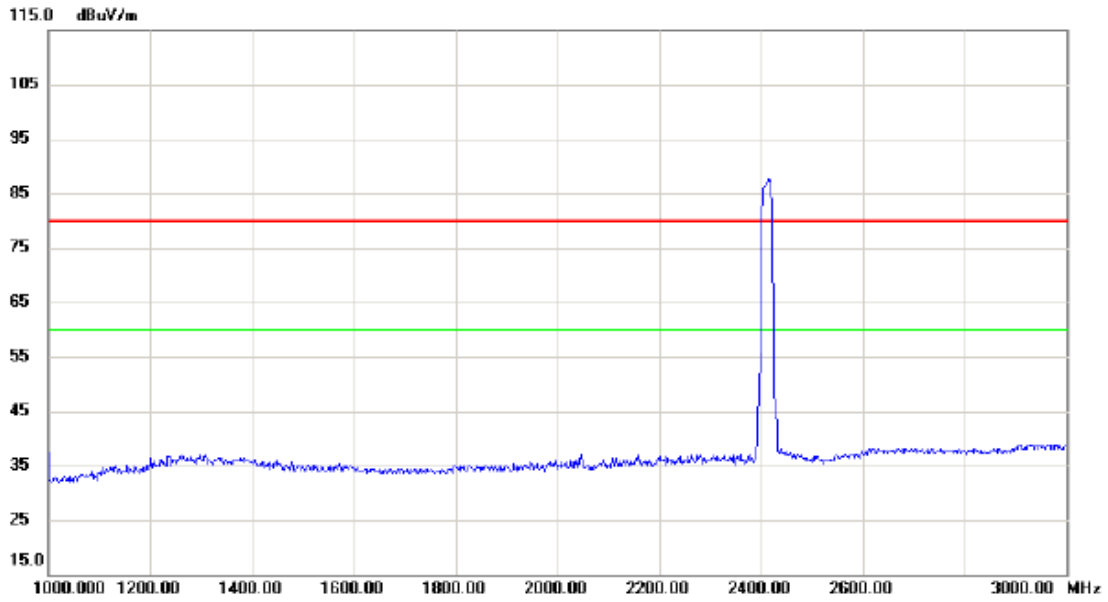
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	21.43	32.37	53.80	74.00	-20.20	peak	
2		2390.000	11.76	32.37	44.13	54.00	-9.87	AVG	
3	*	2413.300	52.96	32.46	85.42	54.00	31.42	AVG	No Limit
4	X	2413.700	61.87	32.47	94.34	74.00	20.34	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

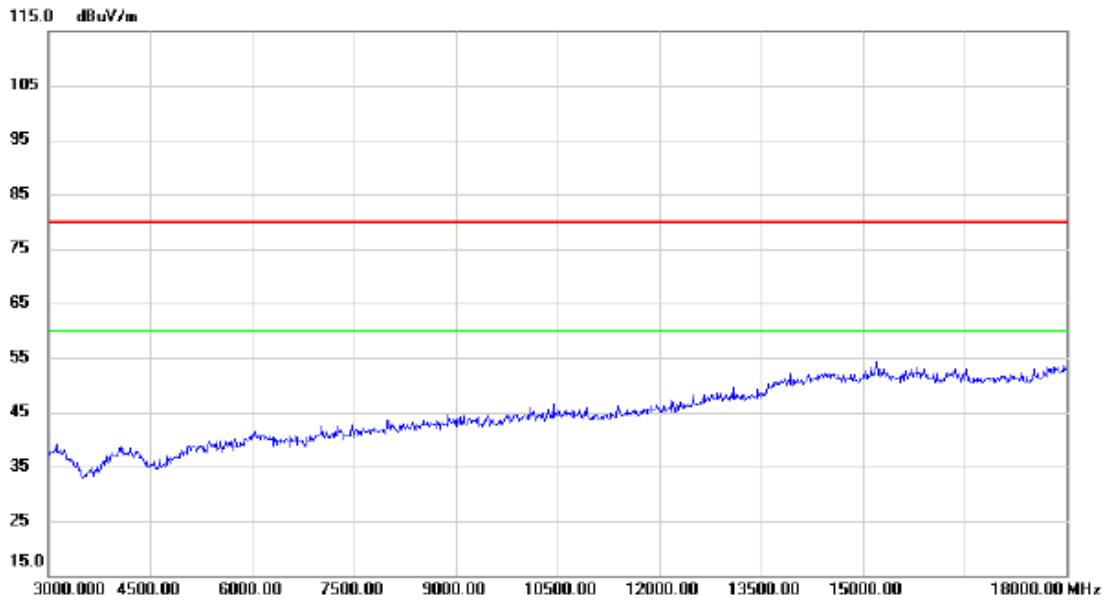
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

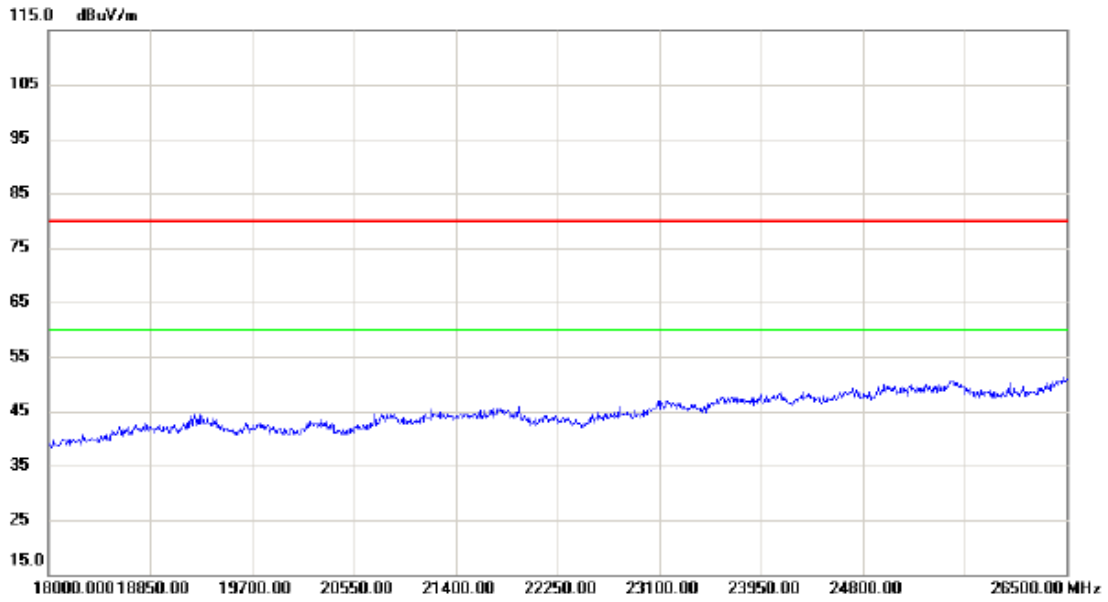
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

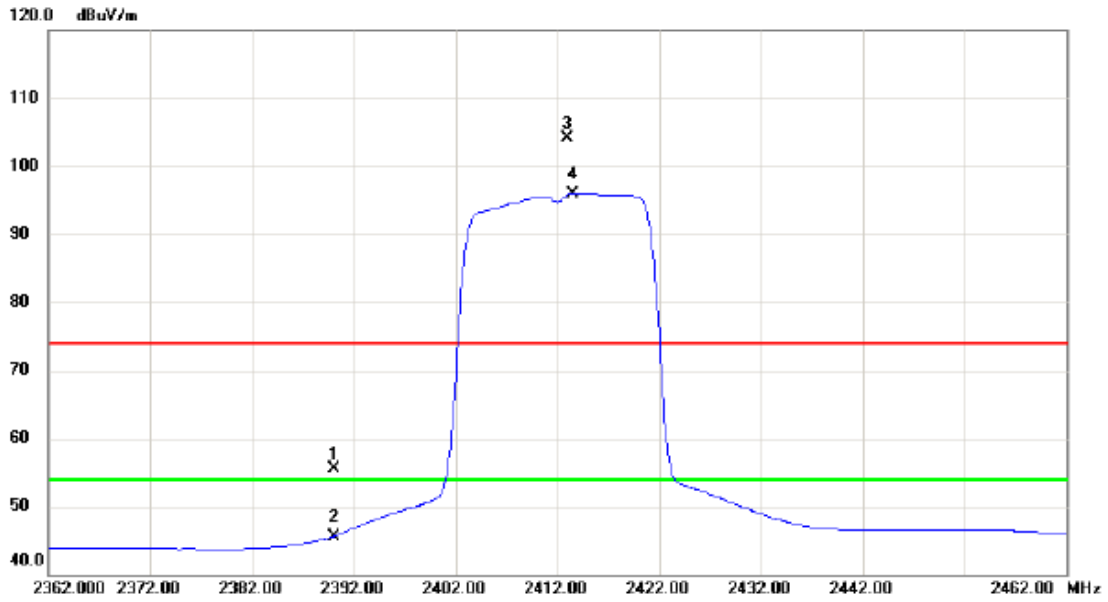
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

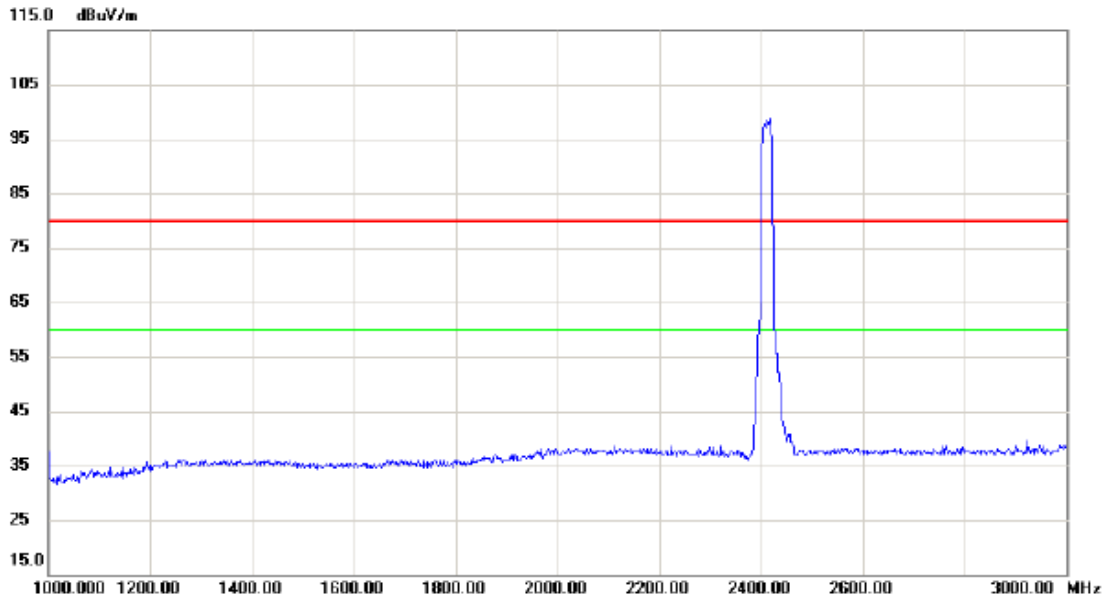
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	23.05	32.37	55.42	74.00	-18.58	peak	
2		2390.000	13.22	32.37	45.59	54.00	-8.41	AVG	
3	X	2413.000	71.72	32.45	104.17	74.00	30.17	peak	No Limit
4	*	2413.500	63.48	32.47	95.95	54.00	41.95	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

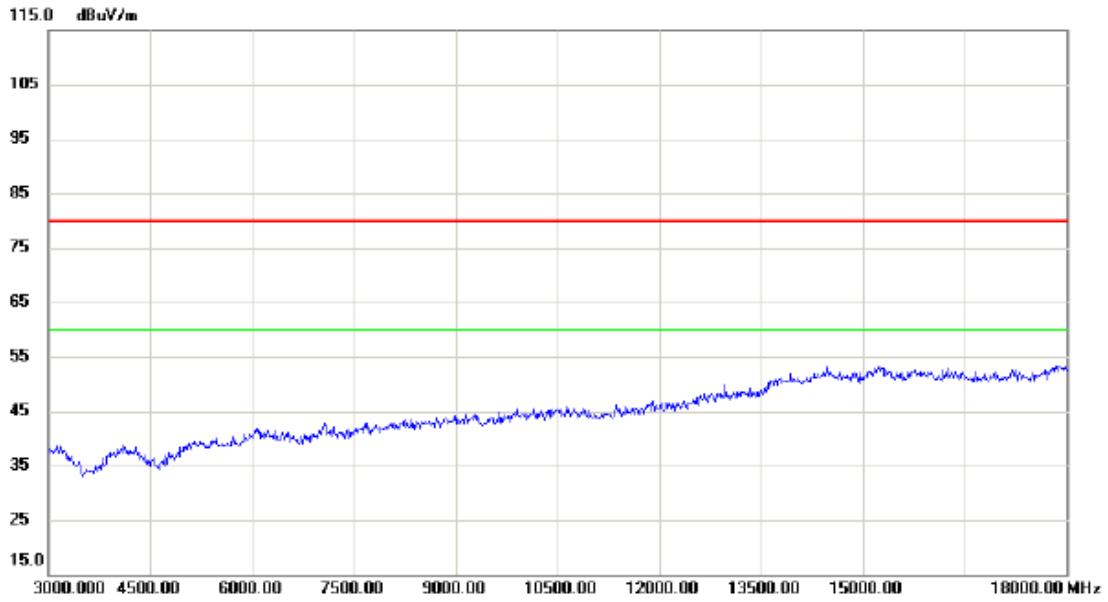
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2412.000	98.0	0.0	98.0	80.0	18.0		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

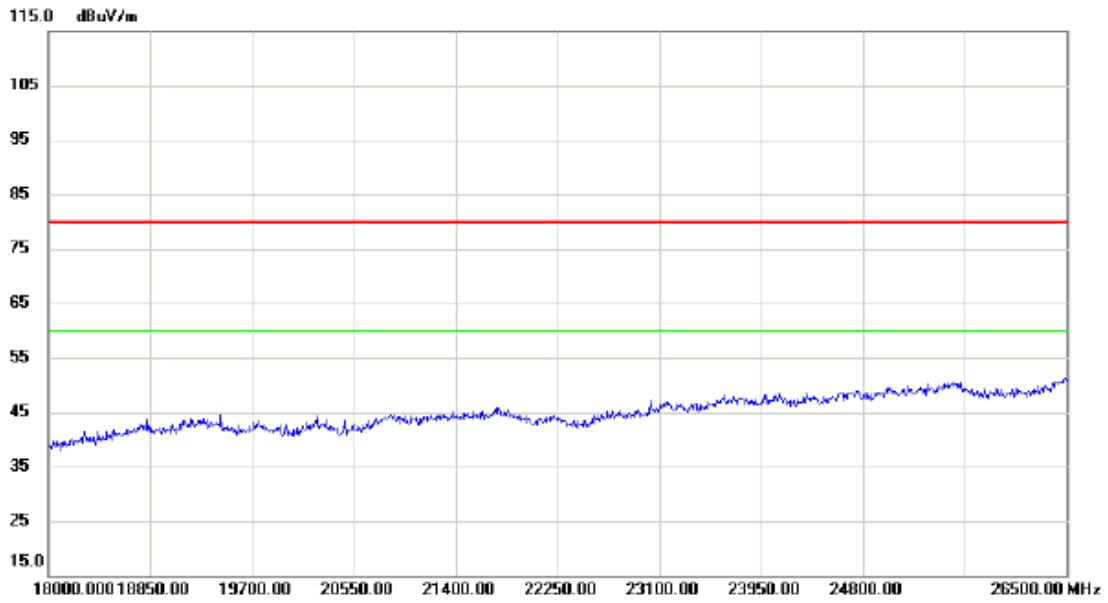
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

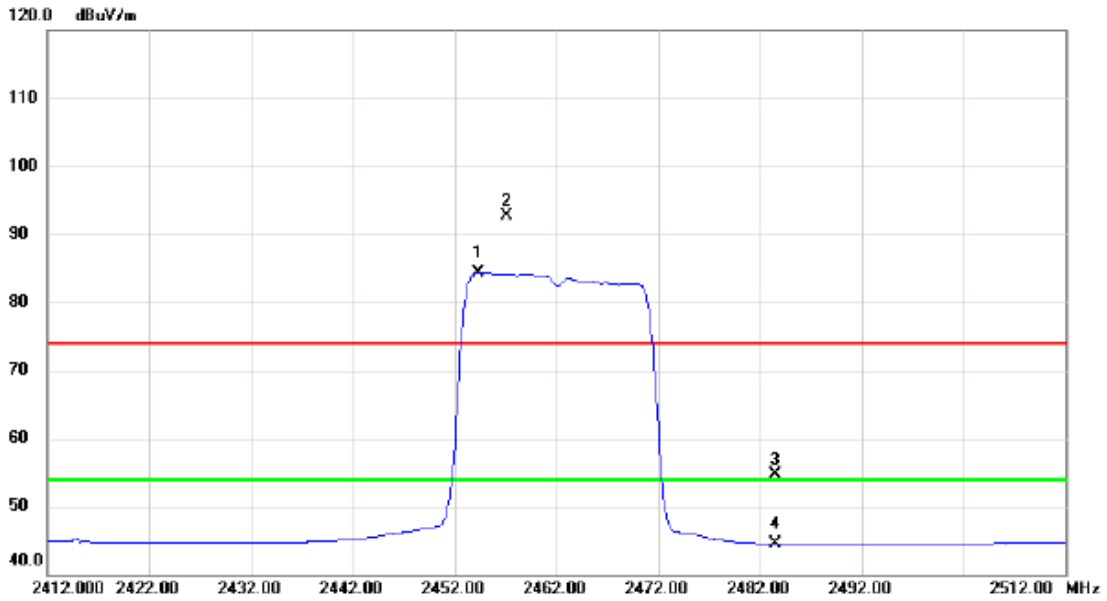
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

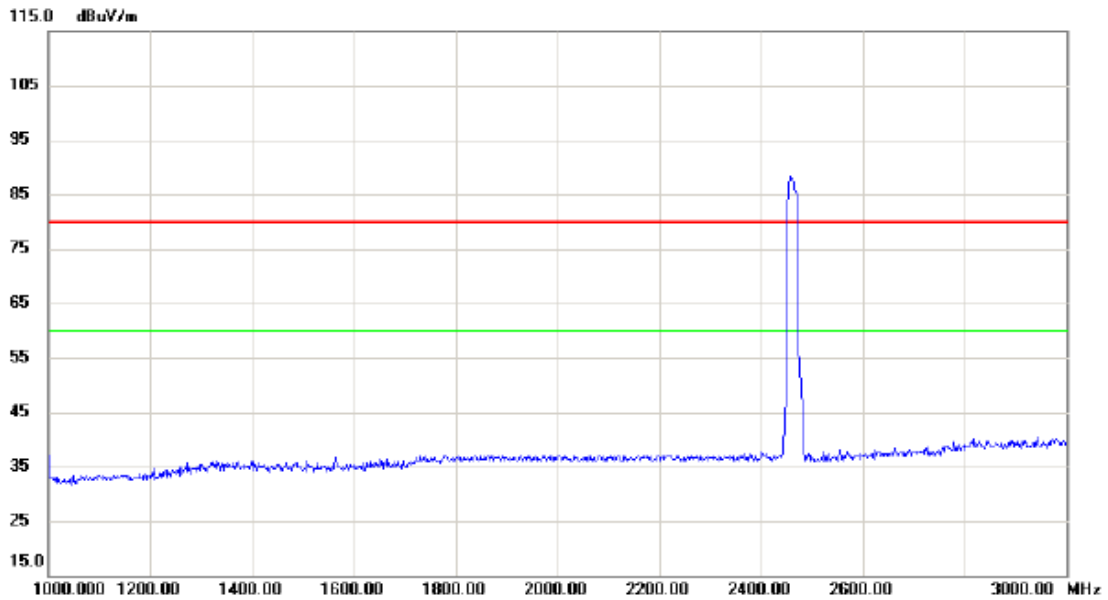
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2454.300	51.70	32.61	84.31	54.00	30.31	AVG	No Limit
2	X	2457.200	60.09	32.62	92.71	74.00	18.71	peak	No Limit
3		2483.500	21.96	32.71	54.67	74.00	-19.33	peak	
4		2483.500	11.84	32.71	44.55	54.00	-9.45	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

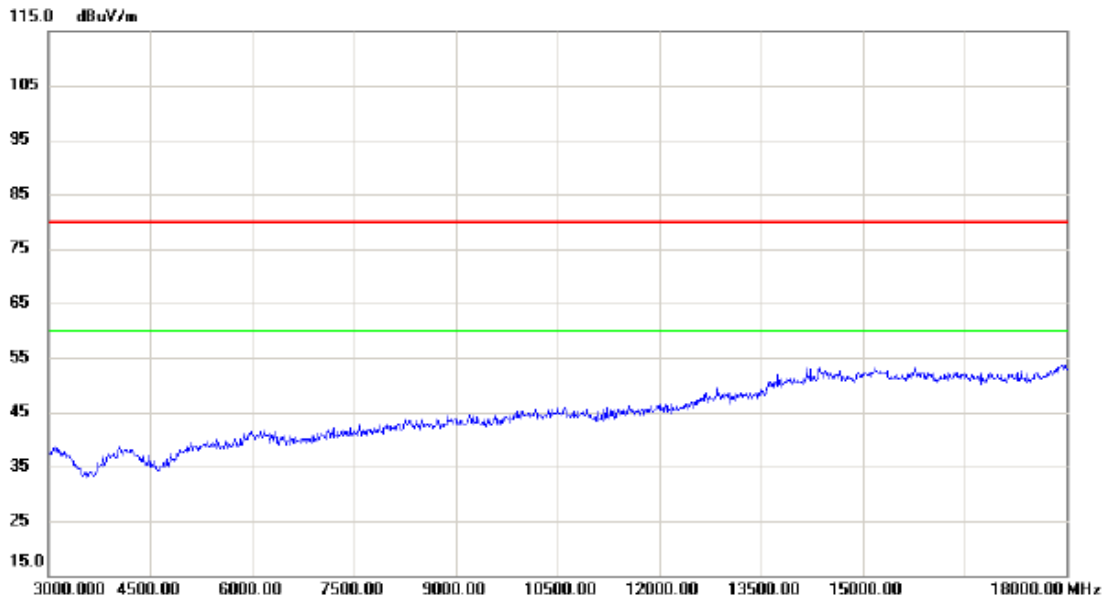
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2462	85		85	80	5		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

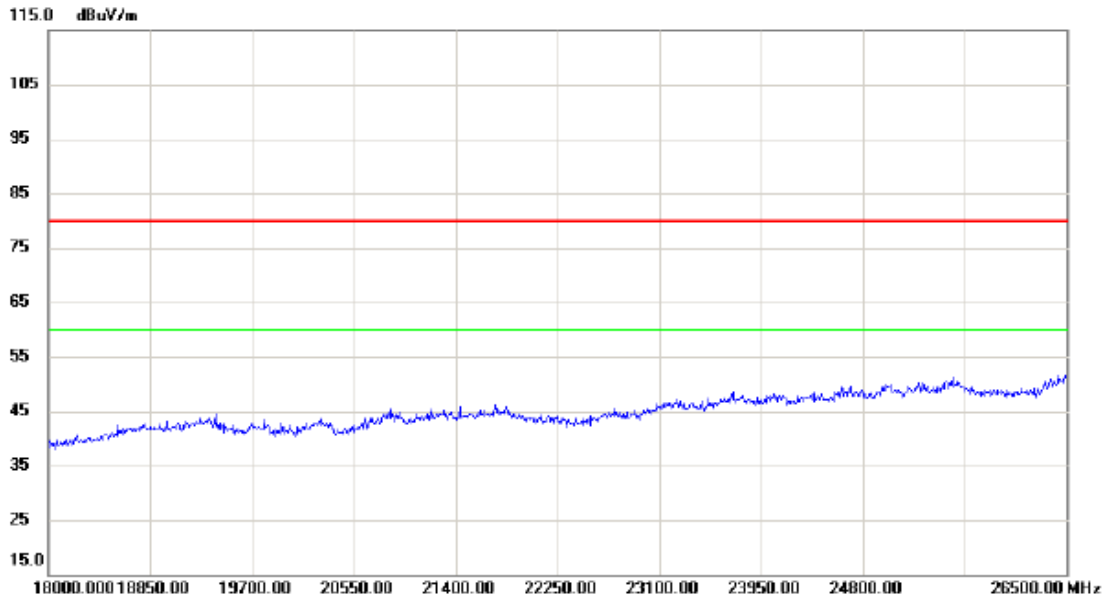
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

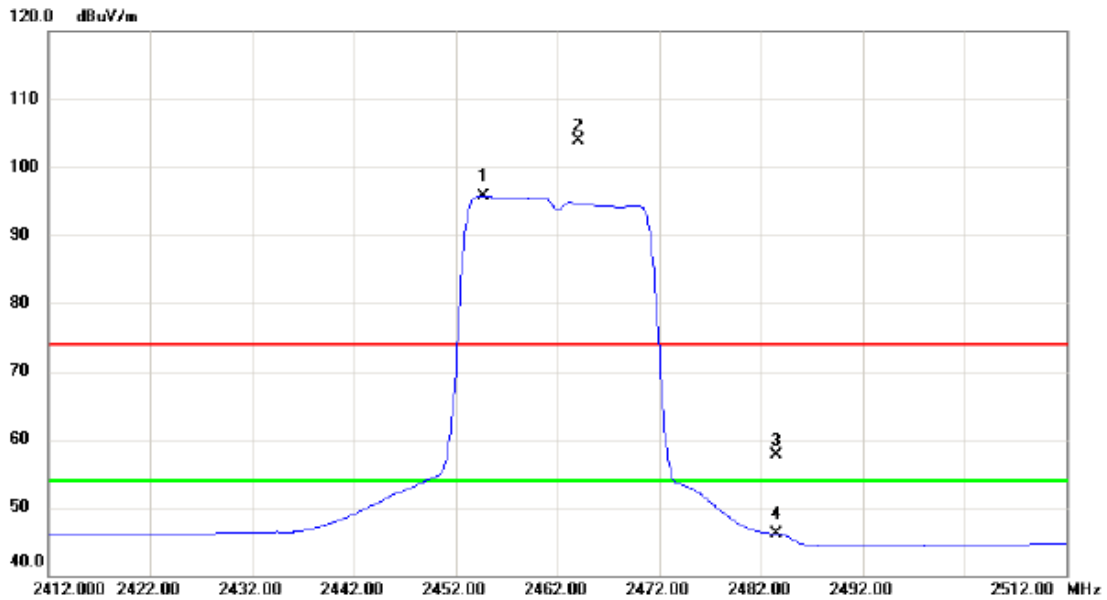
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

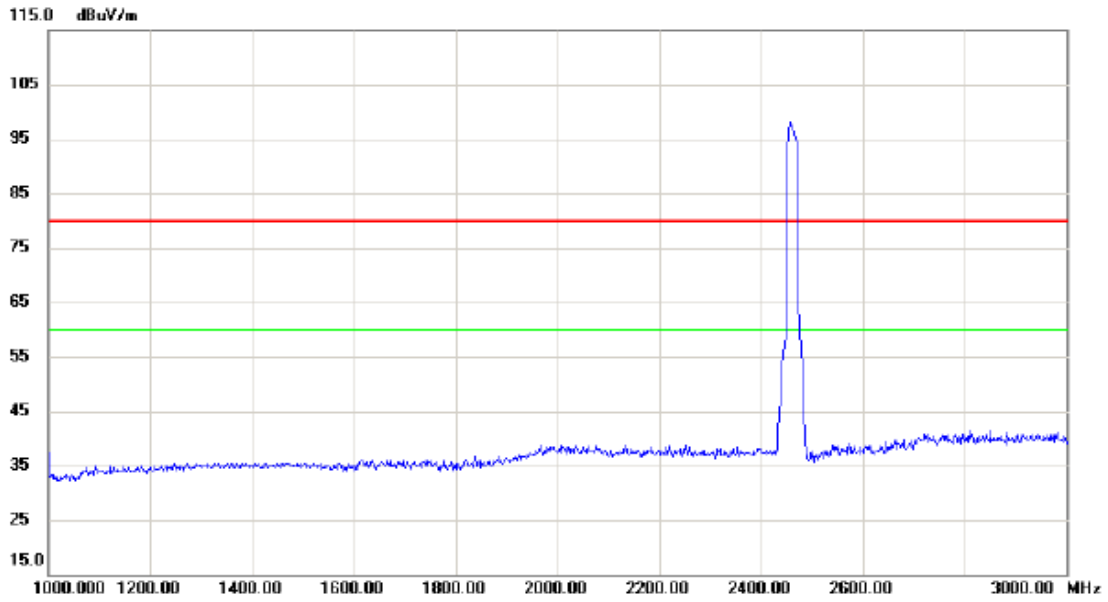
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2454.700	63.08	32.61	95.69	54.00	41.69	AVG	No Limit
2	X	2464.100	71.23	32.64	103.87	74.00	29.87	peak	No Limit
3		2483.500	25.02	32.71	57.73	74.00	-16.27	peak	
4		2483.500	13.41	32.71	46.12	54.00	-7.88	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

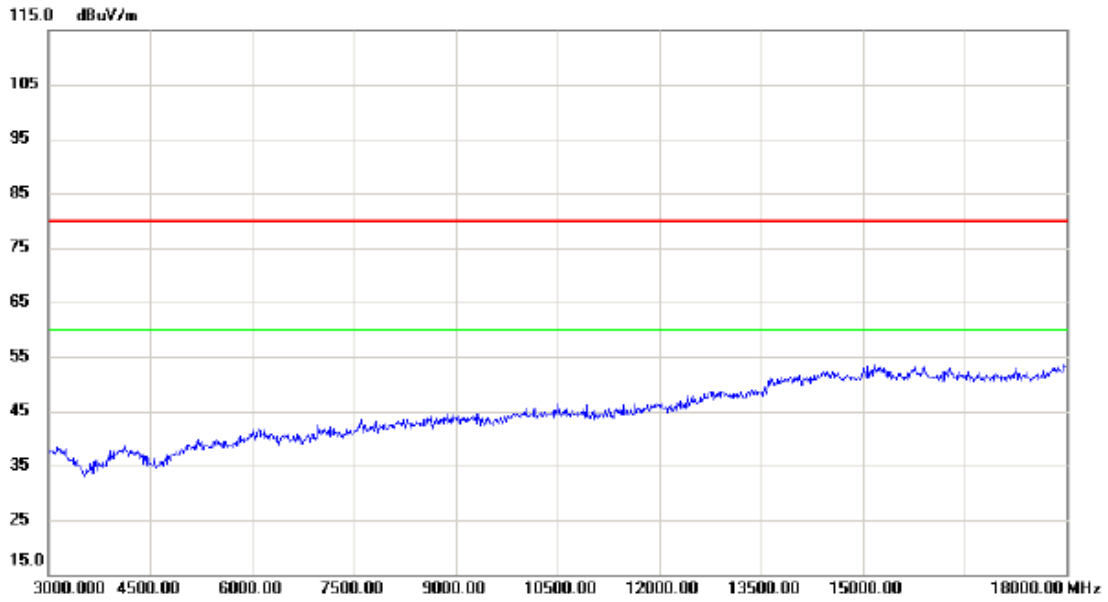
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

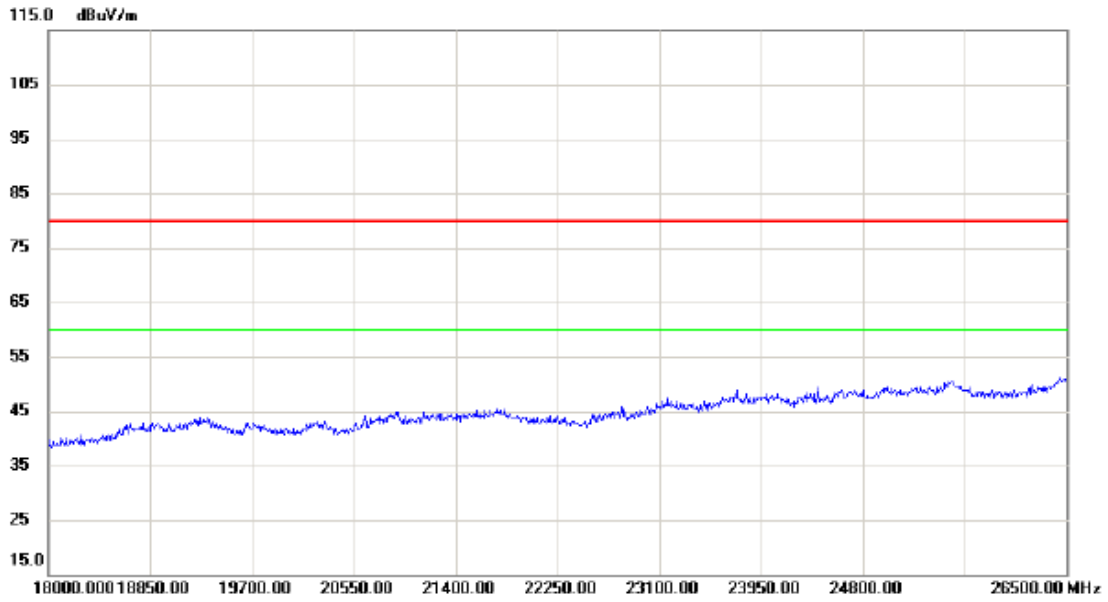
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

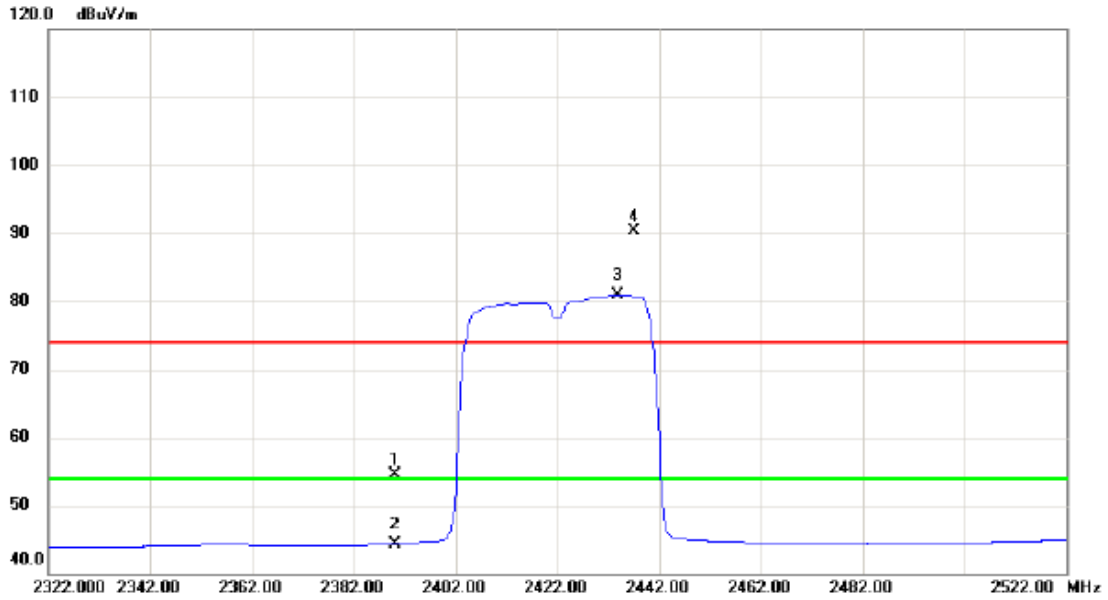
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

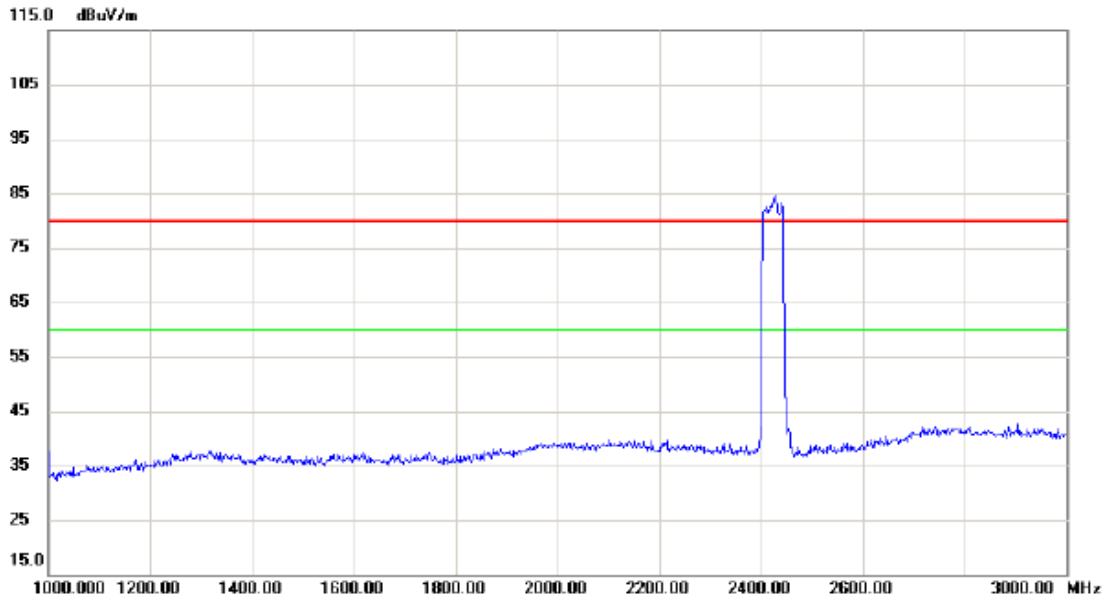
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	22.17	32.37	54.54	74.00	-19.46	peak	
2		2390.000	12.00	32.37	44.37	54.00	-9.63	AVG	
3	*	2433.800	48.37	32.54	80.91	54.00	26.91	AVG	No Limit
4	X	2437.200	57.67	32.55	90.22	74.00	16.22	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

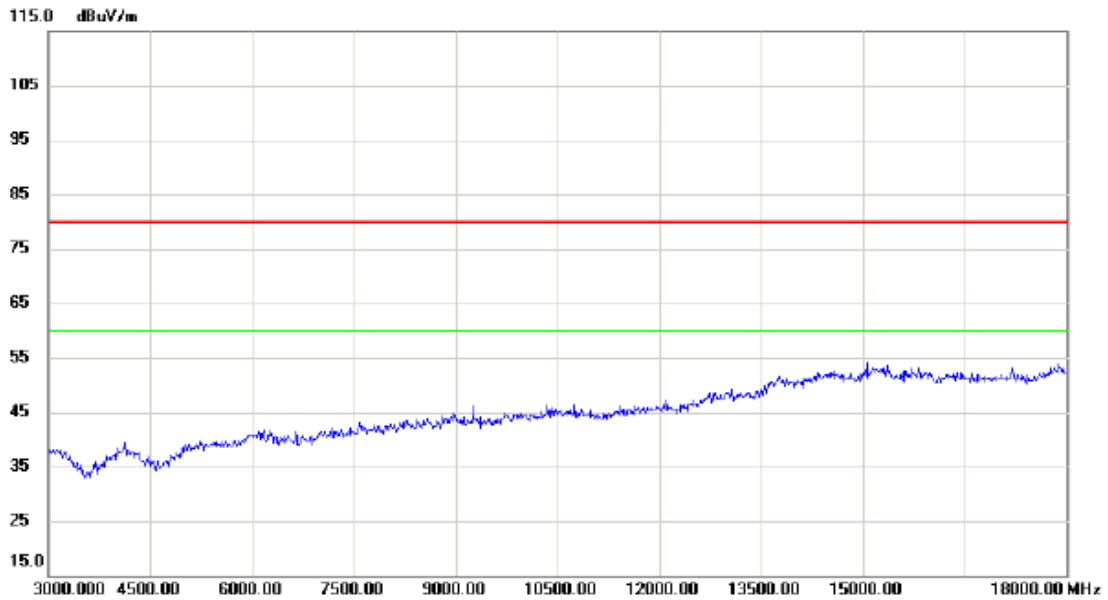
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

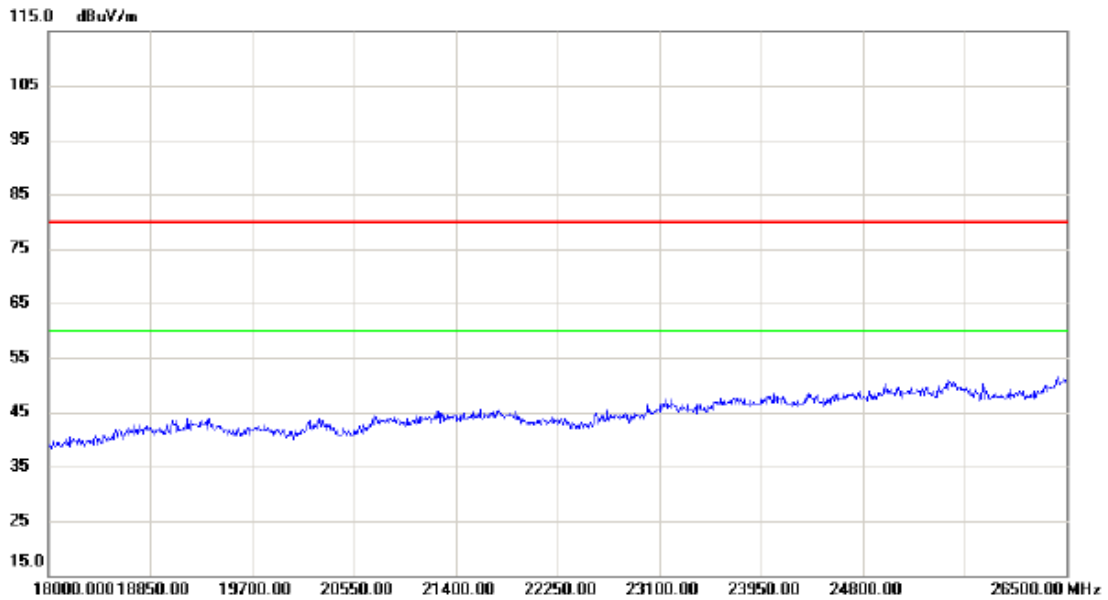
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

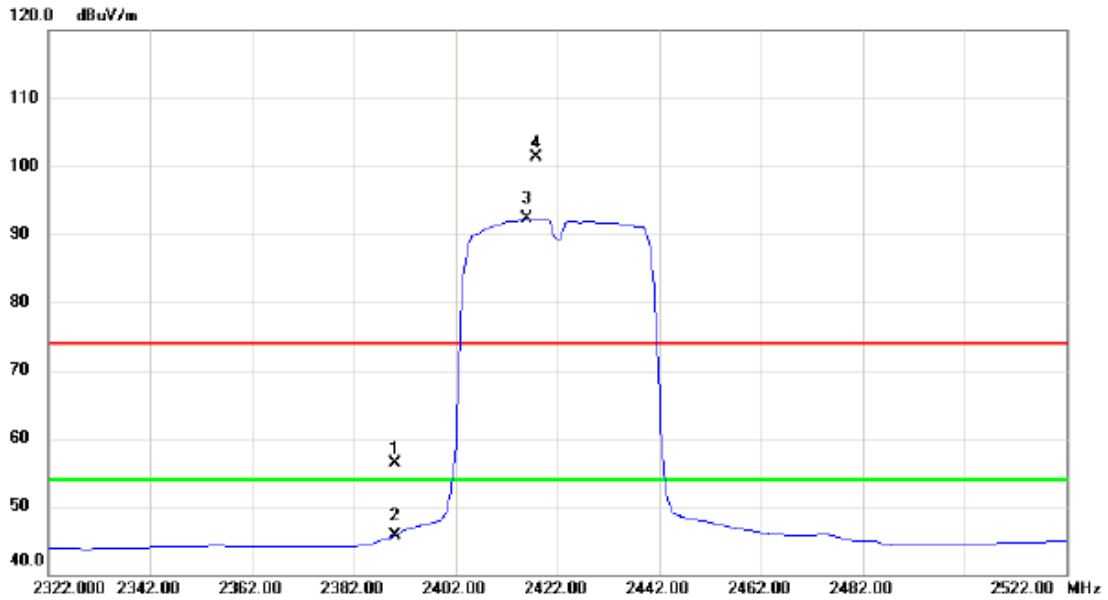
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

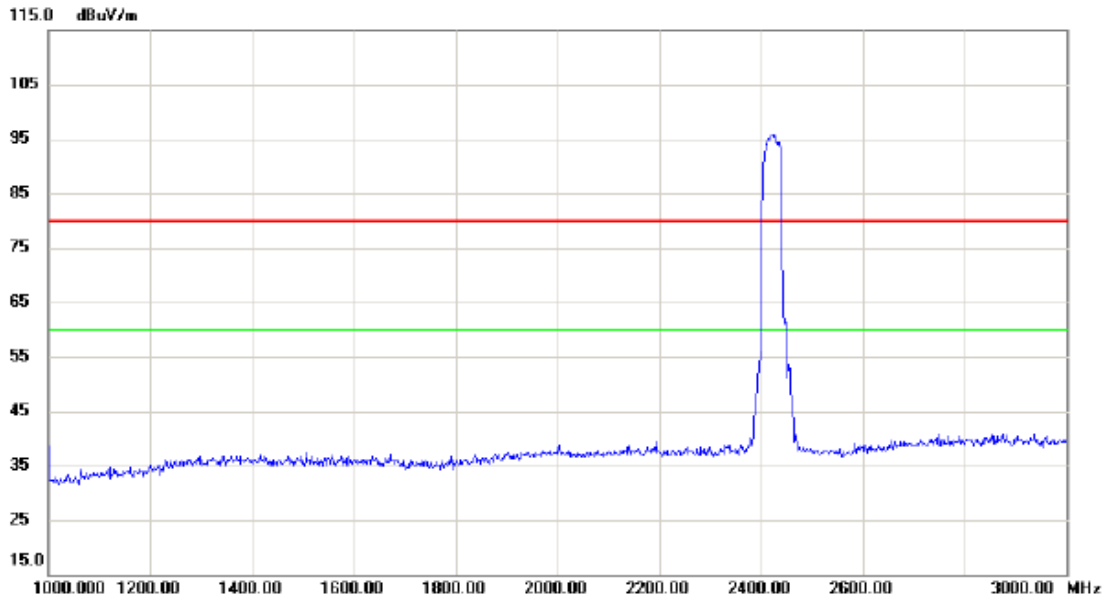
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	24.01	32.37	56.38	74.00	-17.62	peak	
2		2390.000	13.32	32.37	45.69	54.00	-8.31	AVG	
3	*	2416.000	59.75	32.47	92.22	54.00	38.22	AVG	No Limit
4	X	2417.800	68.89	32.48	101.37	74.00	27.37	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

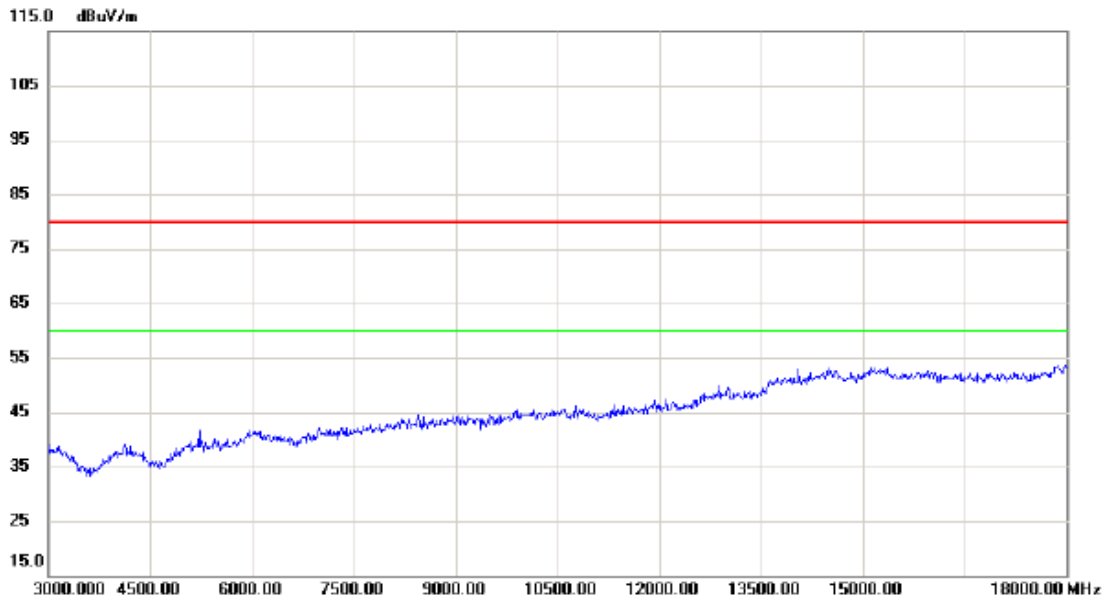
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2422	95		95	80	15		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

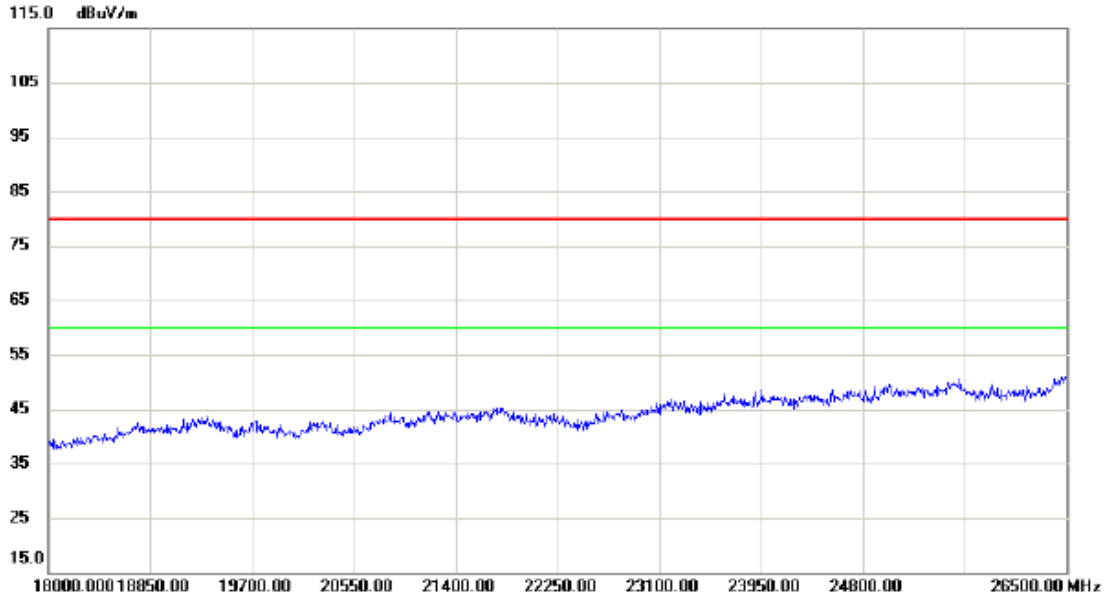
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

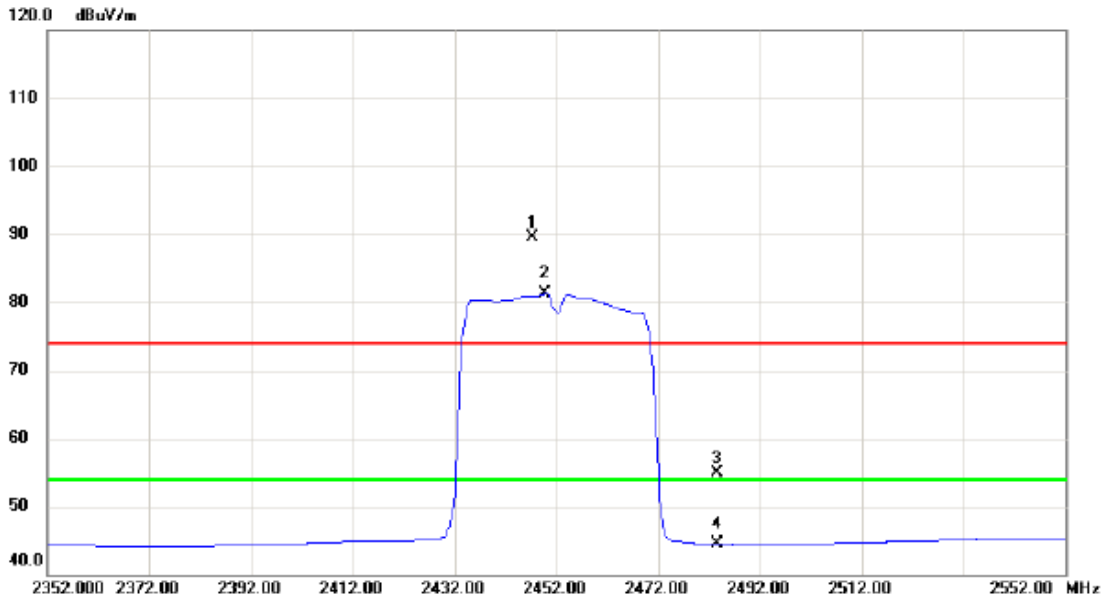
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

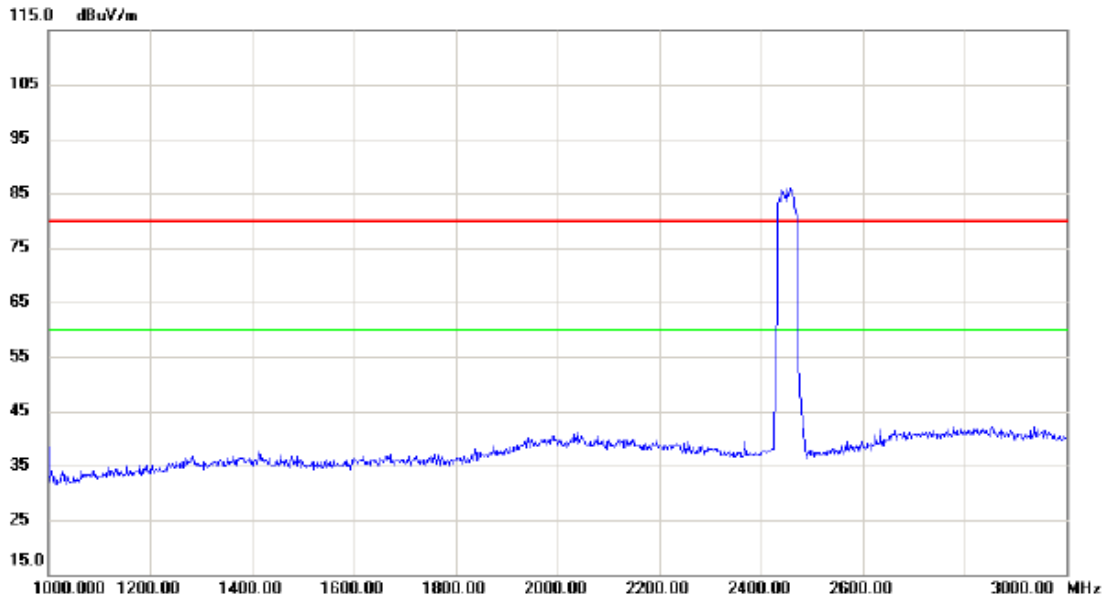
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2447.400	56.99	32.58	89.57	74.00	15.57	peak	No Limit
2	*	2449.800	48.64	32.59	81.23	54.00	27.23	AVG	No Limit
3		2483.500	22.10	32.71	54.81	74.00	-19.19	peak	
4		2483.500	11.76	32.71	44.47	54.00	-9.53	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

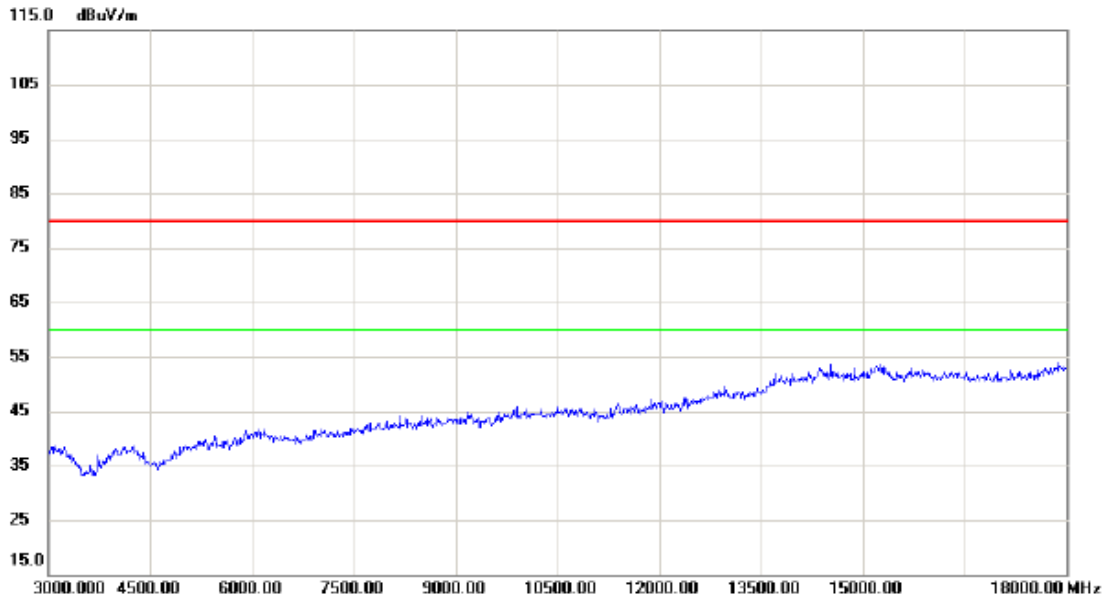
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

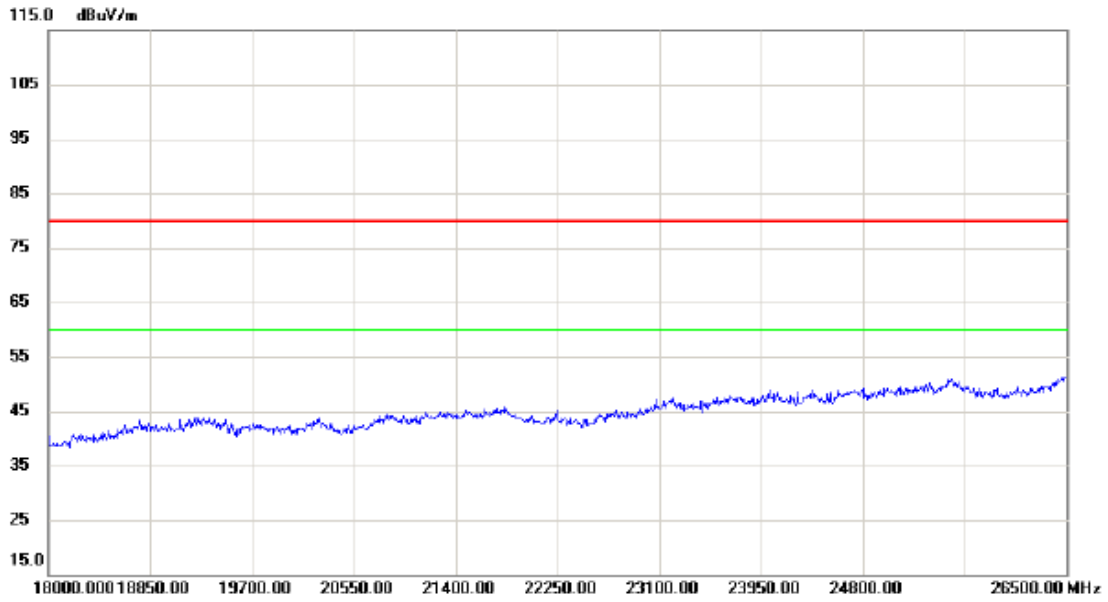
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

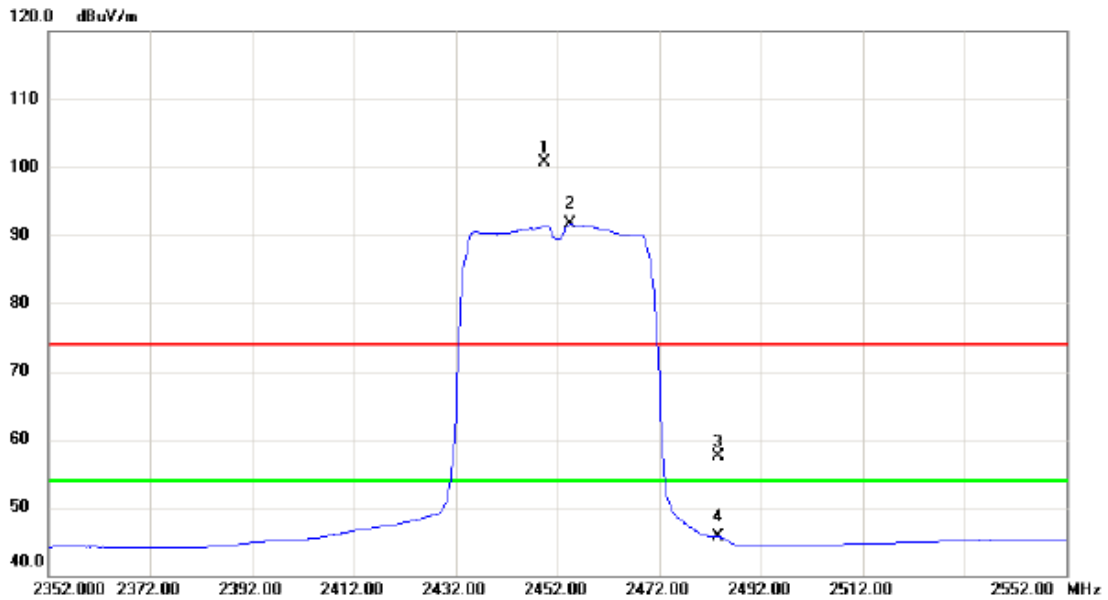
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

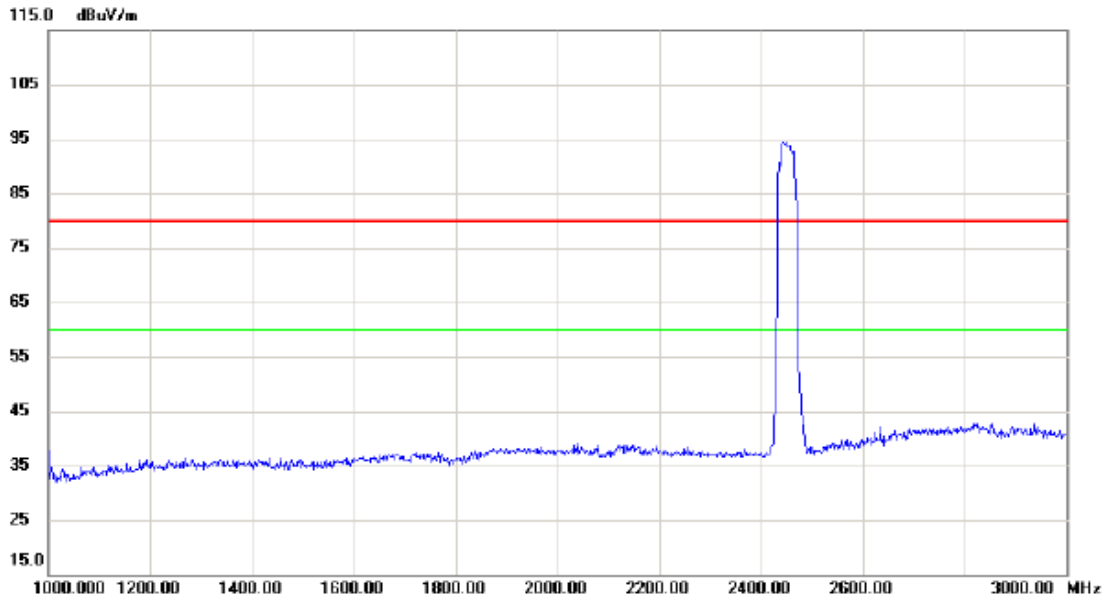
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2449.400	68.07	32.59	100.66	74.00	26.66	peak	No Limit
2	*	2454.600	59.02	32.61	91.63	54.00	37.63	AVG	No Limit
3		2483.500	24.81	32.71	57.52	74.00	-16.48	peak	
4		2483.500	12.98	32.71	45.69	54.00	-8.31	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

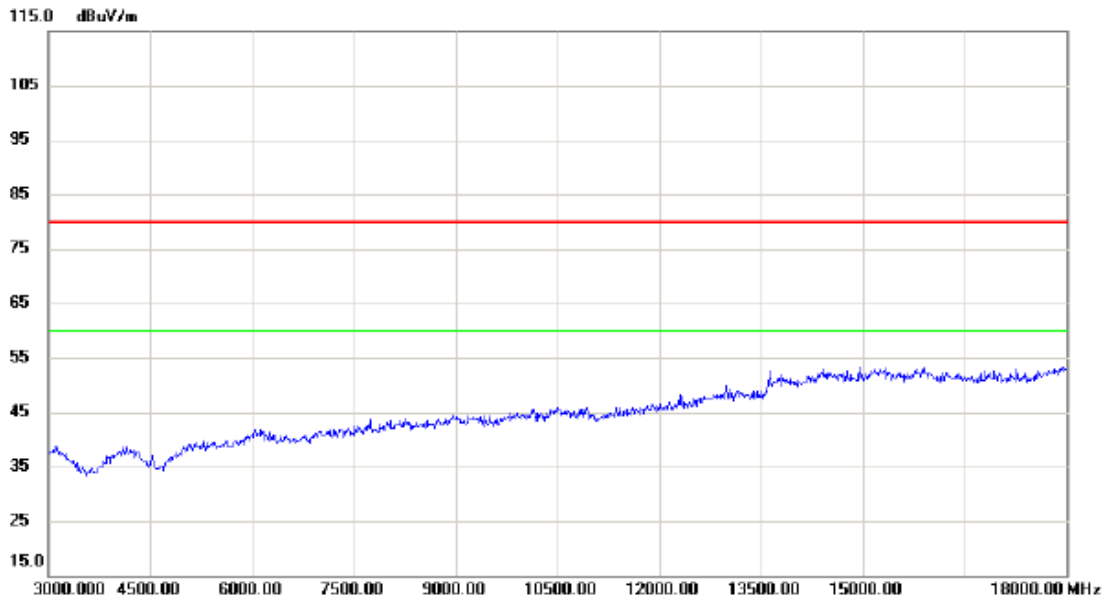
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
		2452	95		95	80	15		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

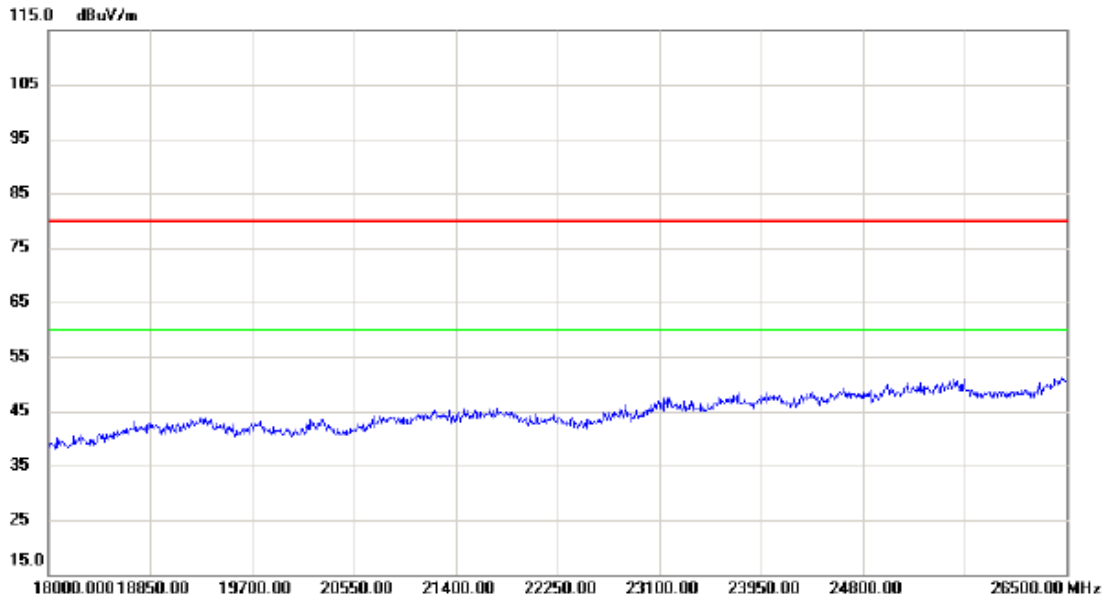
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

Horizontal

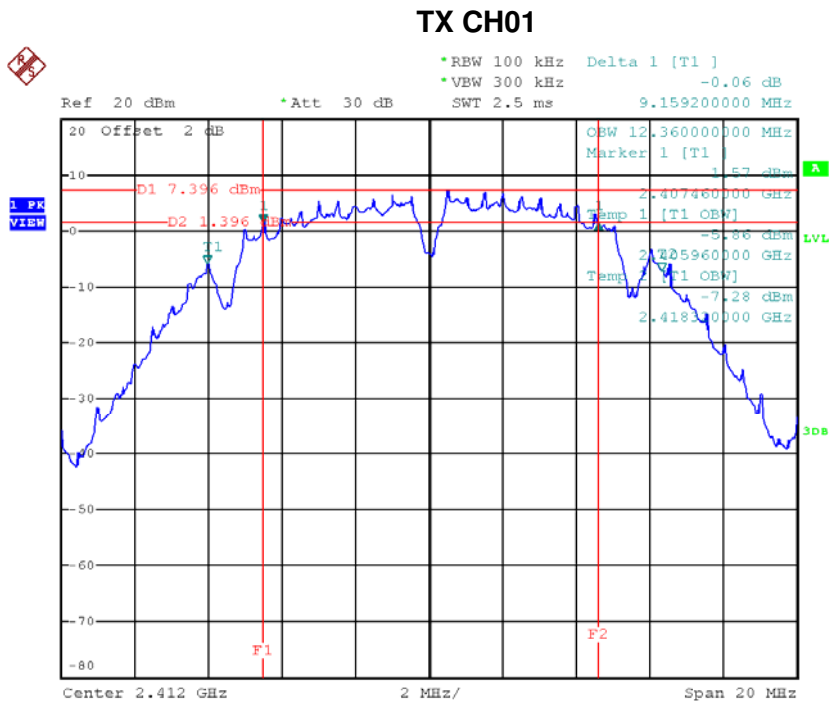


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		

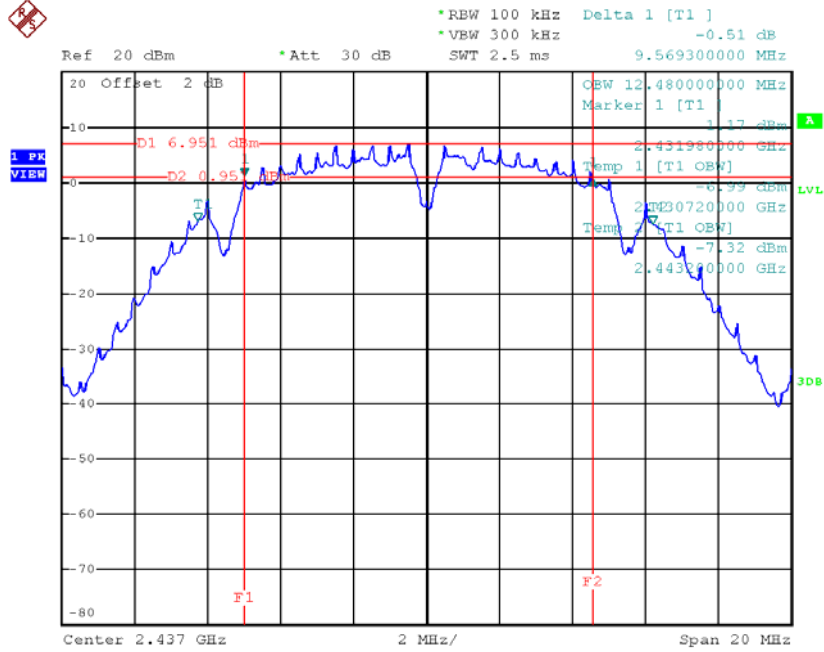
ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

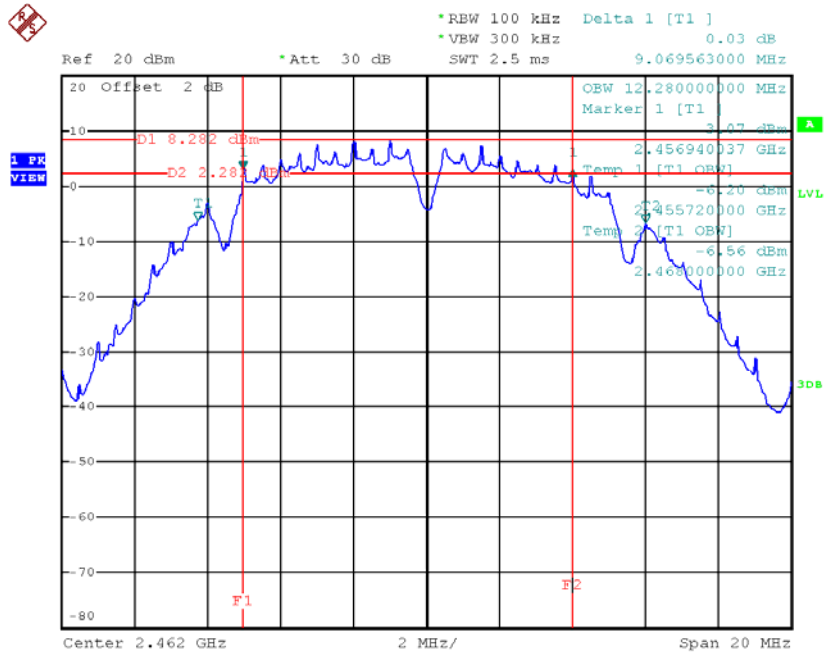
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	9.16	12.36	500	Complies
2437	9.57	12.48	500	Complies
2462	9.07	12.28	500	Complies



TX CH06



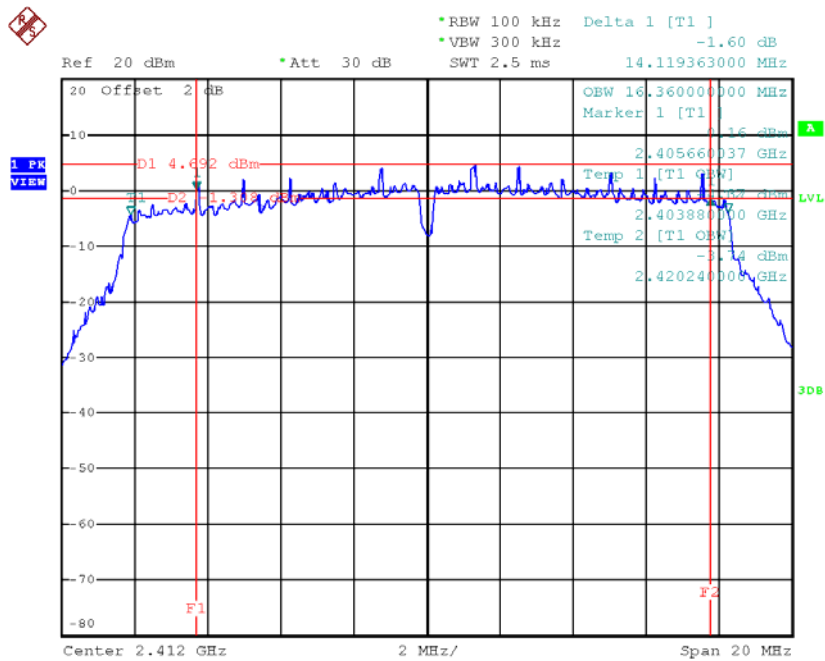
TX CH11



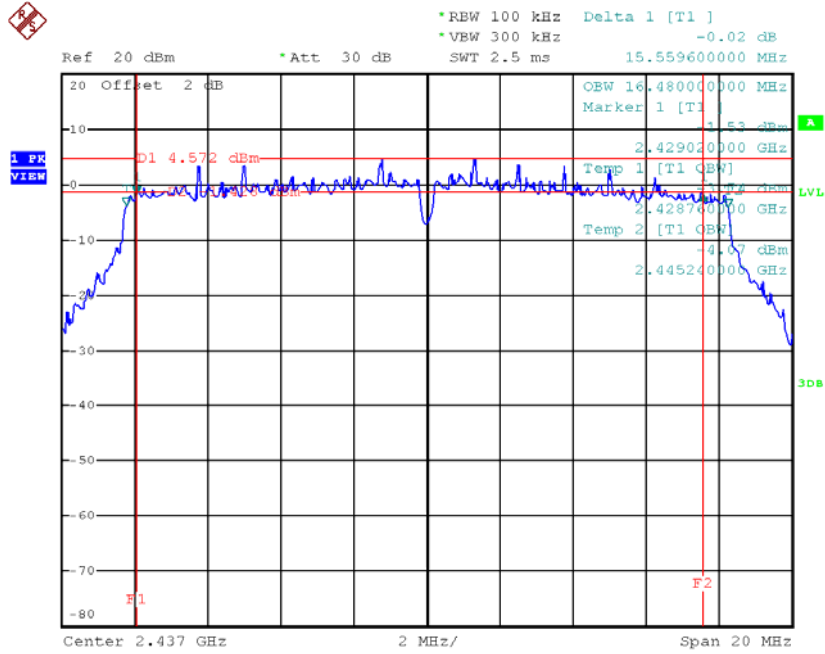
Test Mode: TX G Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	14.12	16.36	500	Complies
2437	15.56	16.48	500	Complies
2462	15.72	16.4	500	Complies

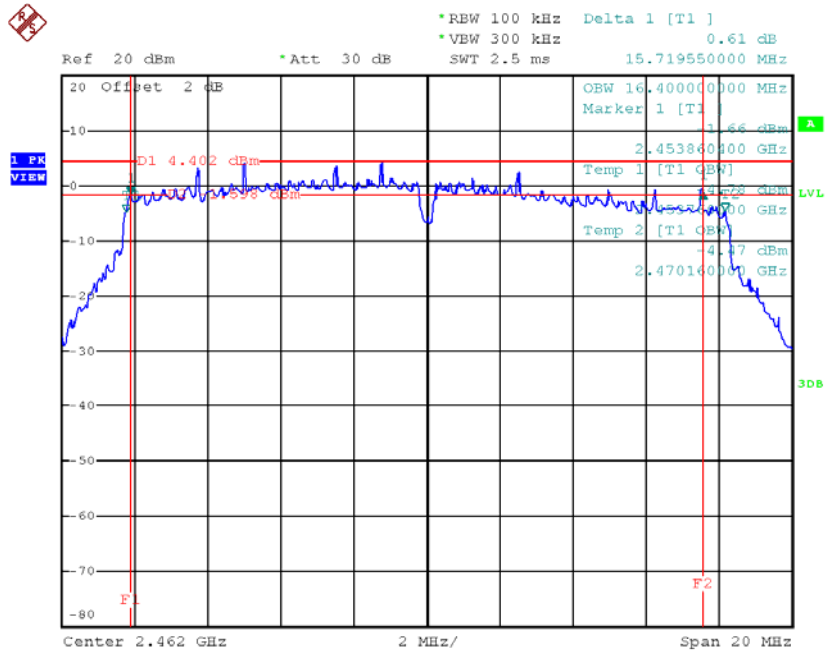
TX CH01



TX CH06



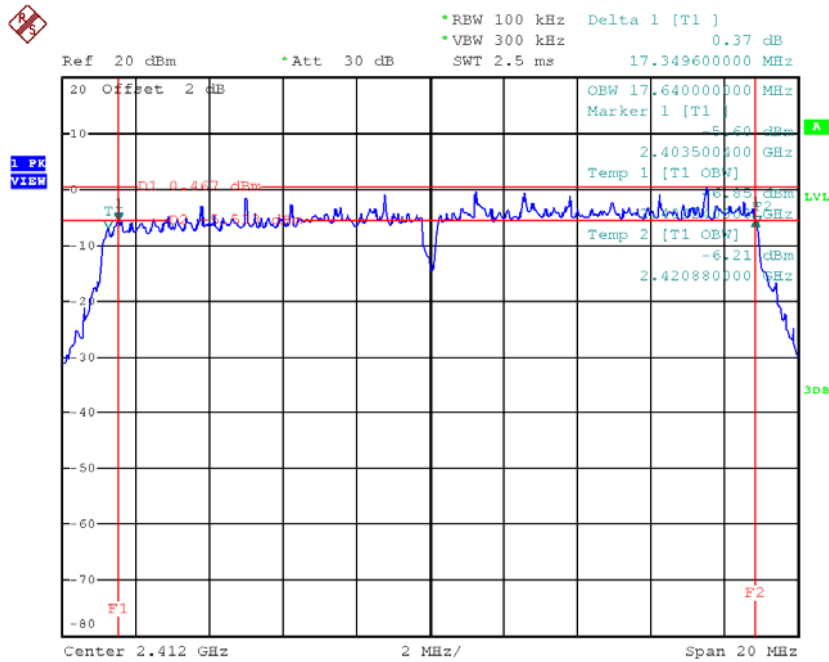
TX CH11



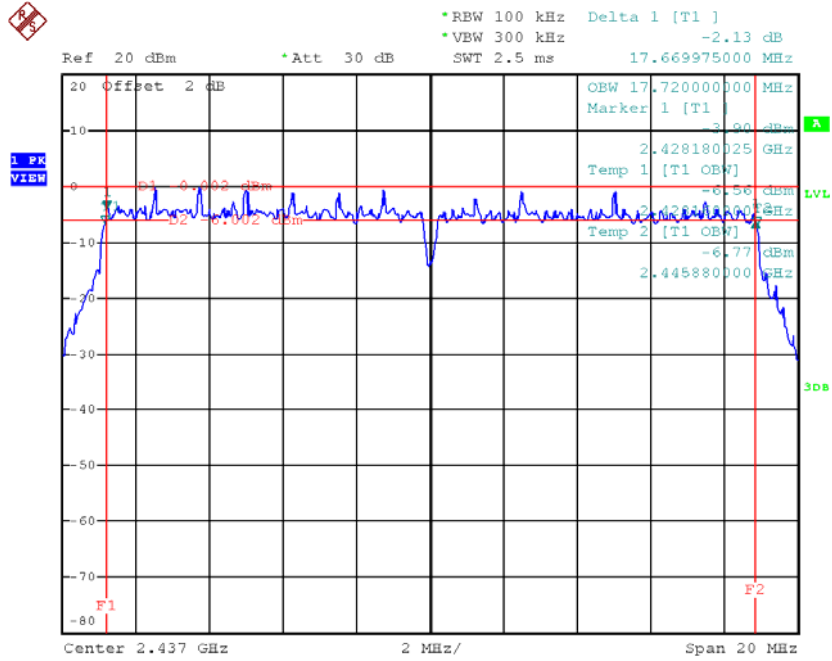
Test Mode : TX N-20MHz Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.35	17.64	500	Complies
2437	17.67	17.72	500	Complies
2462	17.23	17.68	500	Complies

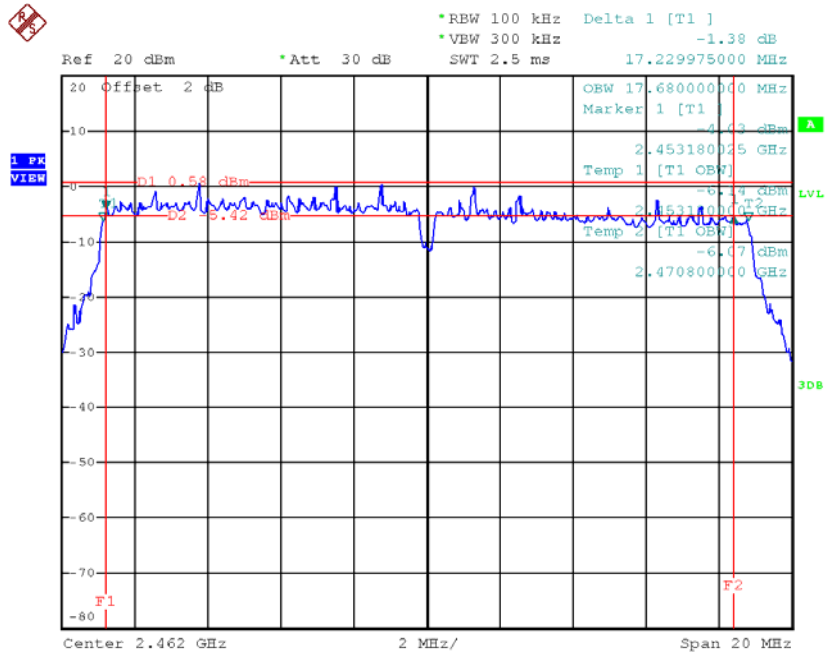
TX CH01



TX CH06



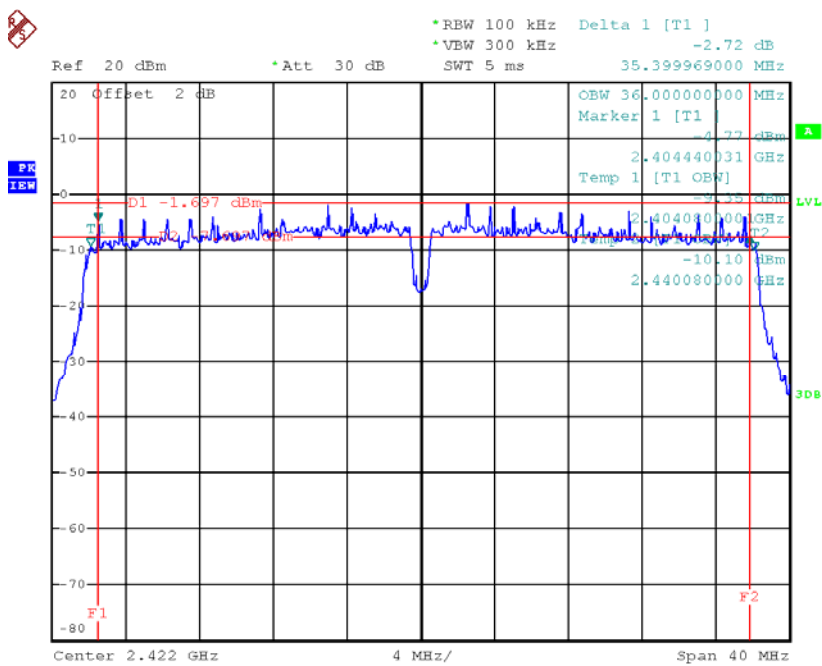
TX CH11



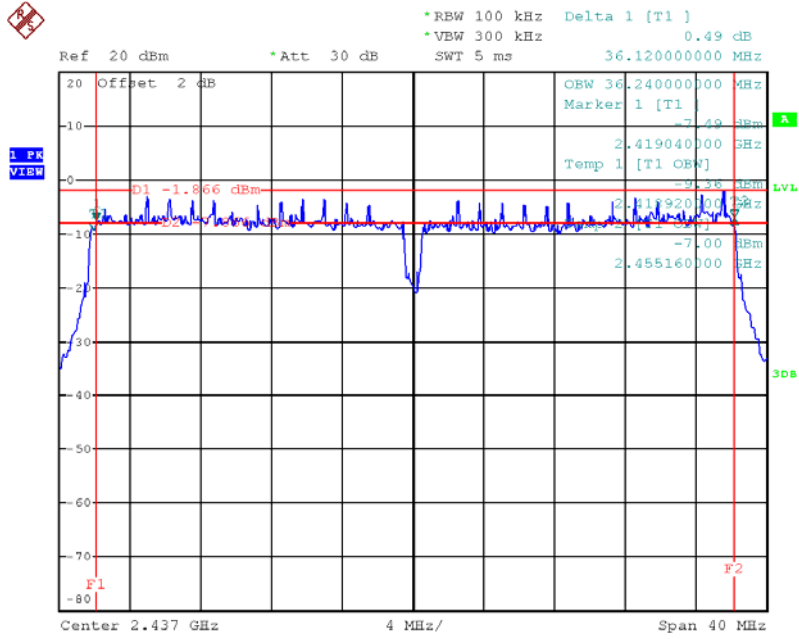
Test Mode : TX N-40MHz Mode_CH03/06/09

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.4	36	500	Complies
2437	36.12	36.24	500	Complies
2452	35.28	36	500	Complies

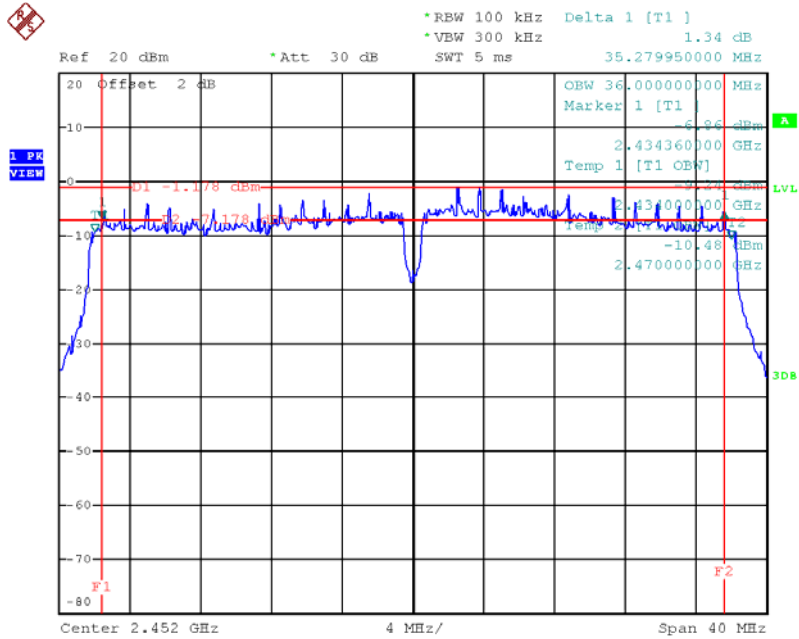
TX CH03



TX CH06



TX CH09



ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	19.59	0.09	30.00	1.00	Complies
2437	19.36	0.09	30.00	1.00	Complies
2462	19.72	0.09	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.05	0.25	30.00	1.00	Complies
2437	24.35	0.27	30.00	1.00	Complies
2462	23.75	0.24	30.00	1.00	Complies

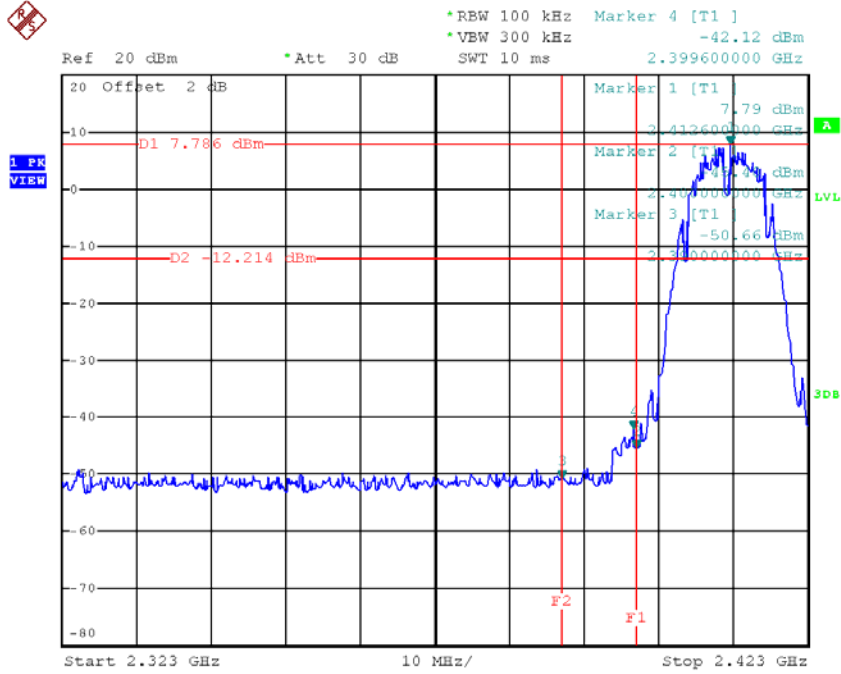
Test Mode :TX N20 Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.80	0.15	30.00	1.00	Complies
2437	21.62	0.15	30.00	1.00	Complies
2462	22.11	0.16	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	22.10	0.16	30.00	1.00	Complies
2437	22.39	0.17	30.00	1.00	Complies
2452	21.89	0.15	30.00	1.00	Complies

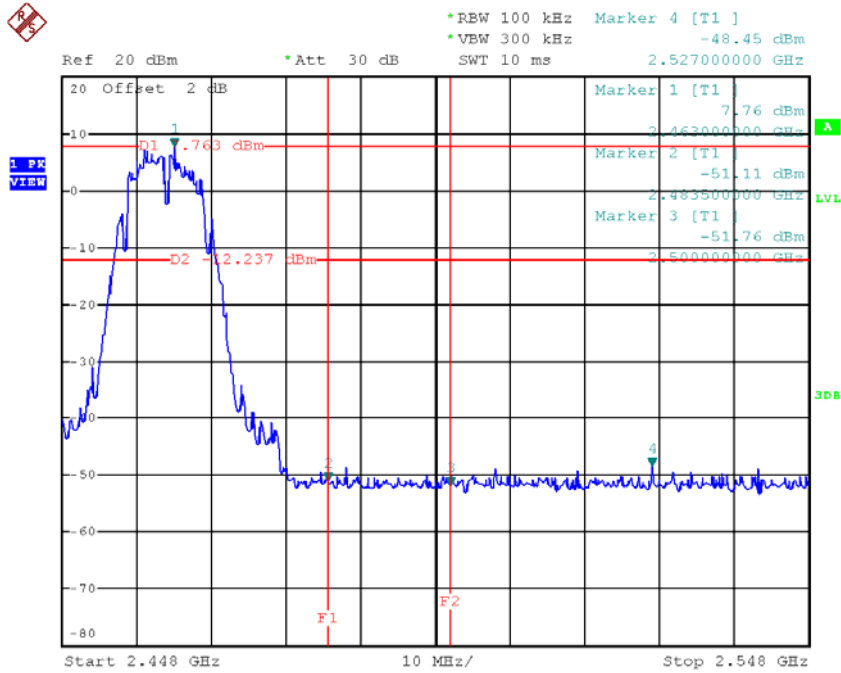
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

Test Mode : TX B Mode

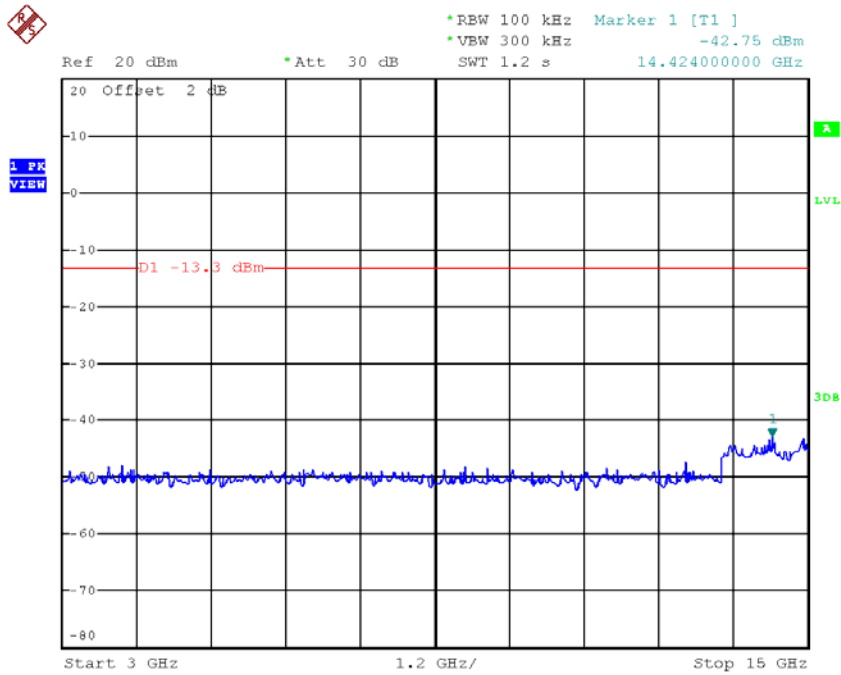
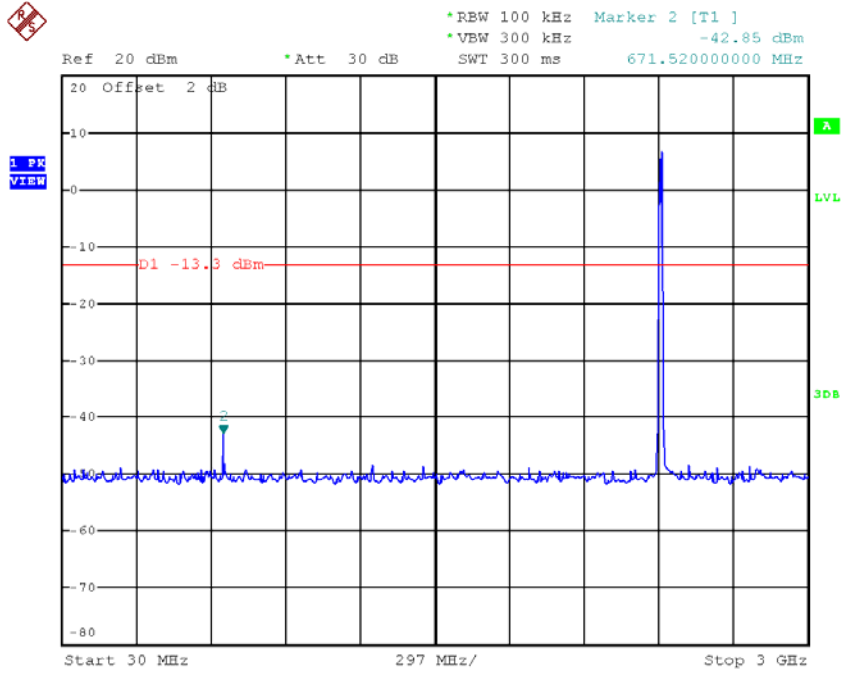
TX B mode CH01

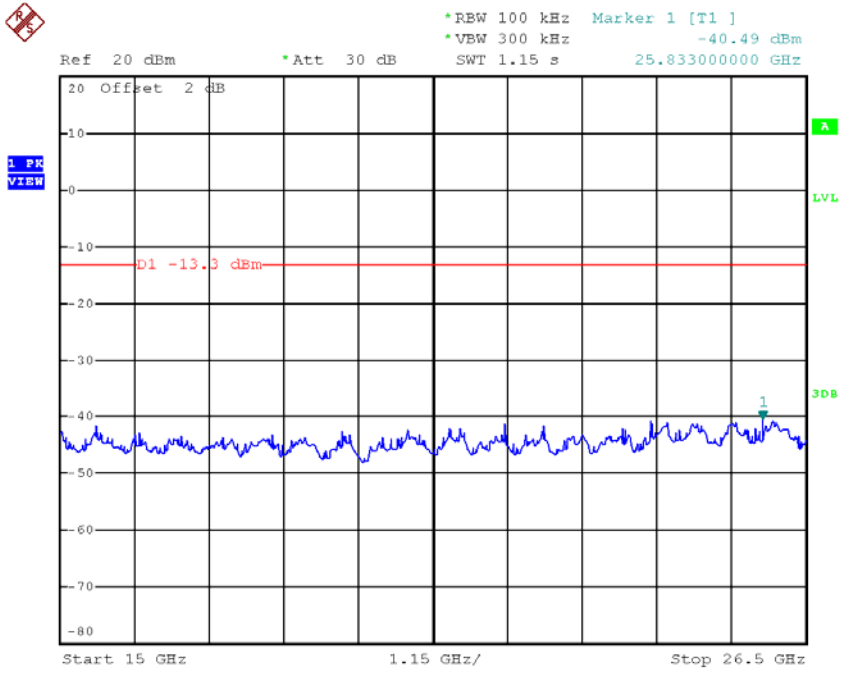


TX B mode CH11

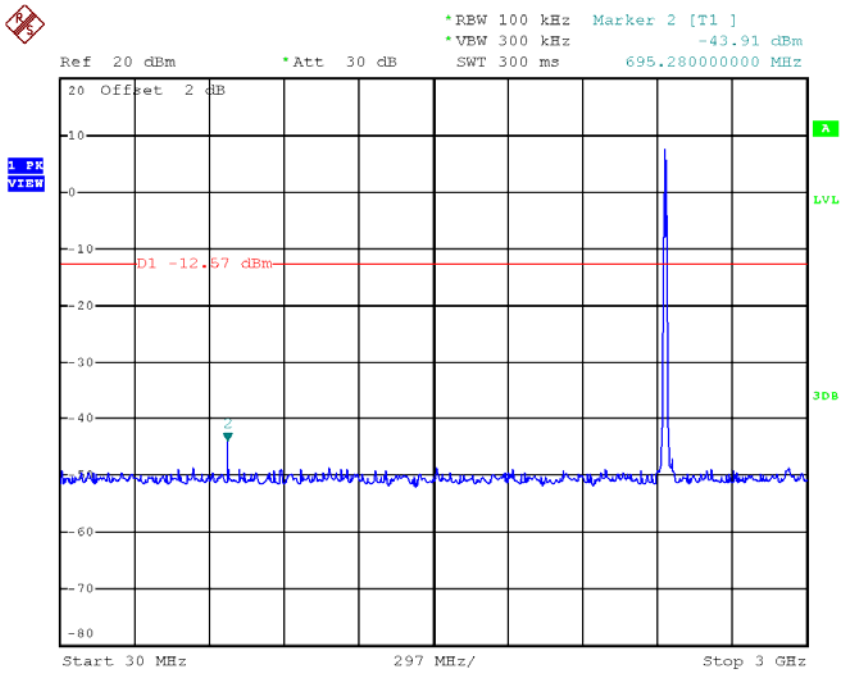


TX B mode CH01 (10 Harmonic of the frequency)



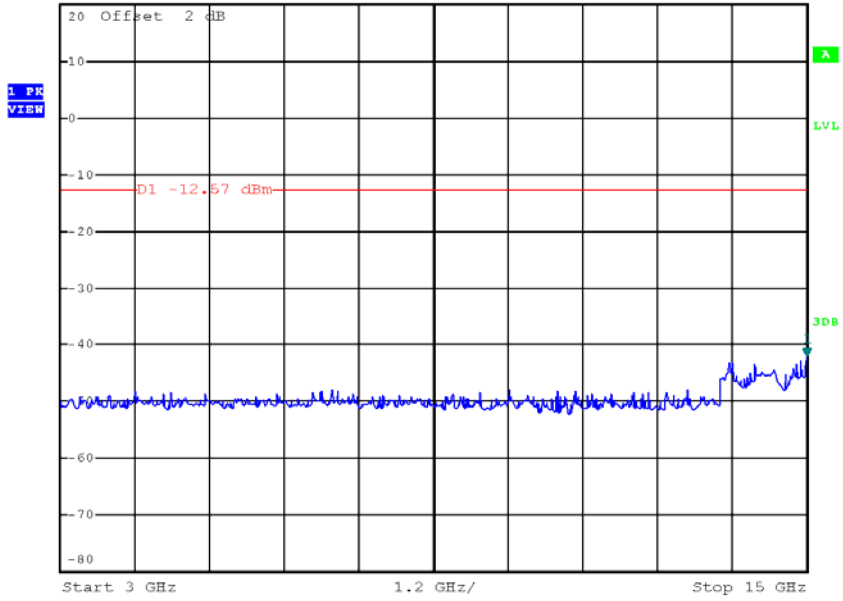


TX B mode CH06 (10 Harmonic of the frequency)

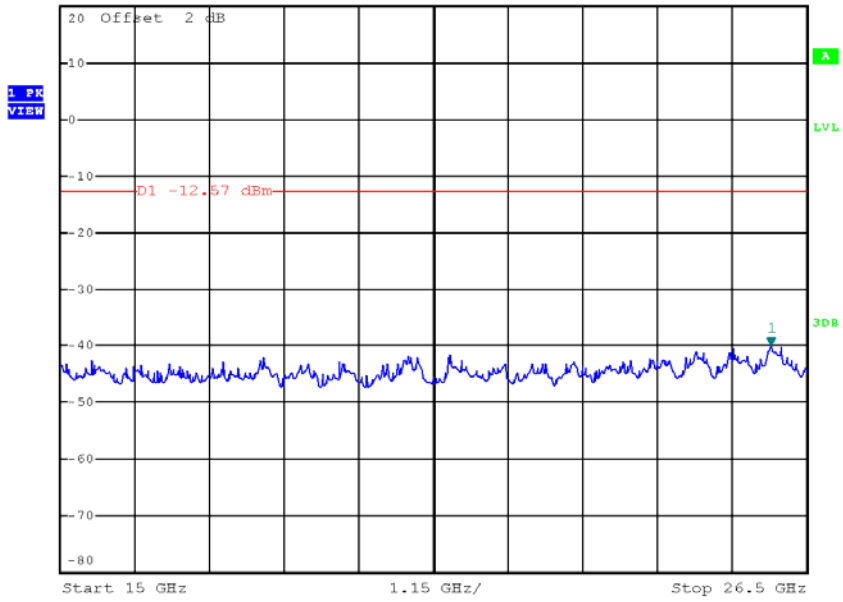




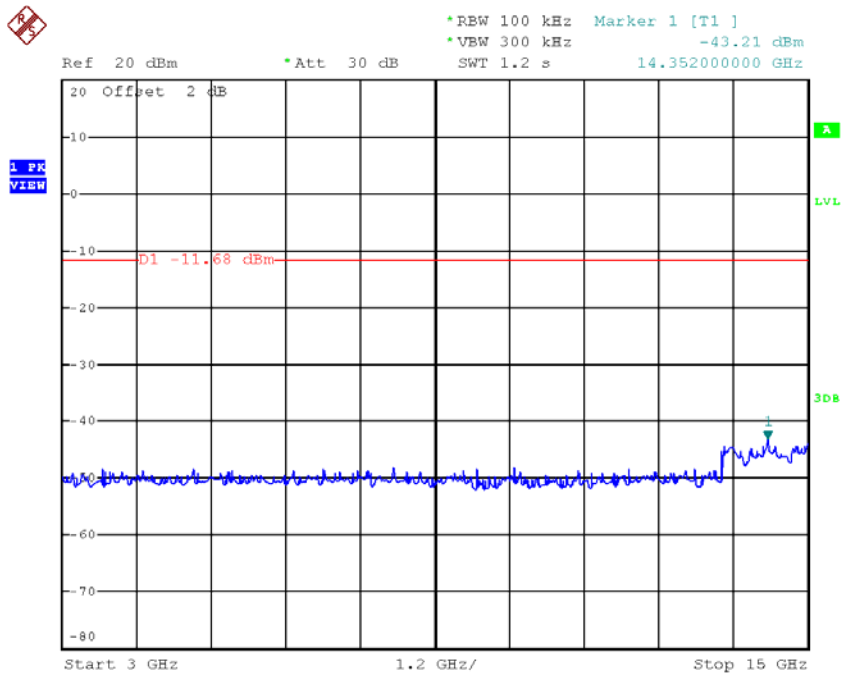
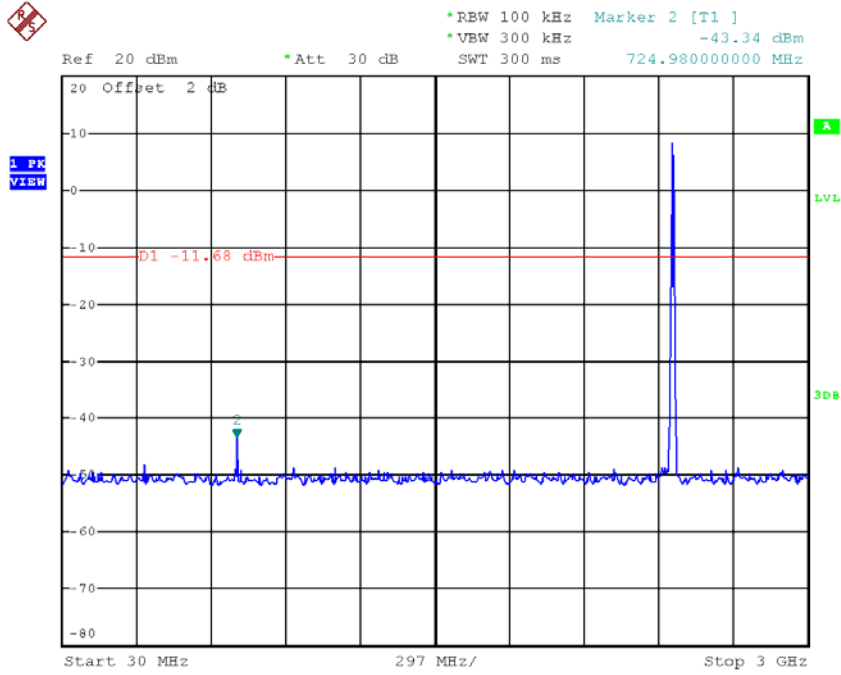
Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1]
 *VBW 300 kHz -41.97 dBm
 SWT 1.2 s 15.000000000 GHz



Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1]
 *VBW 300 kHz -40.09 dBm
 SWT 1.15 s 25.948000000 GHz

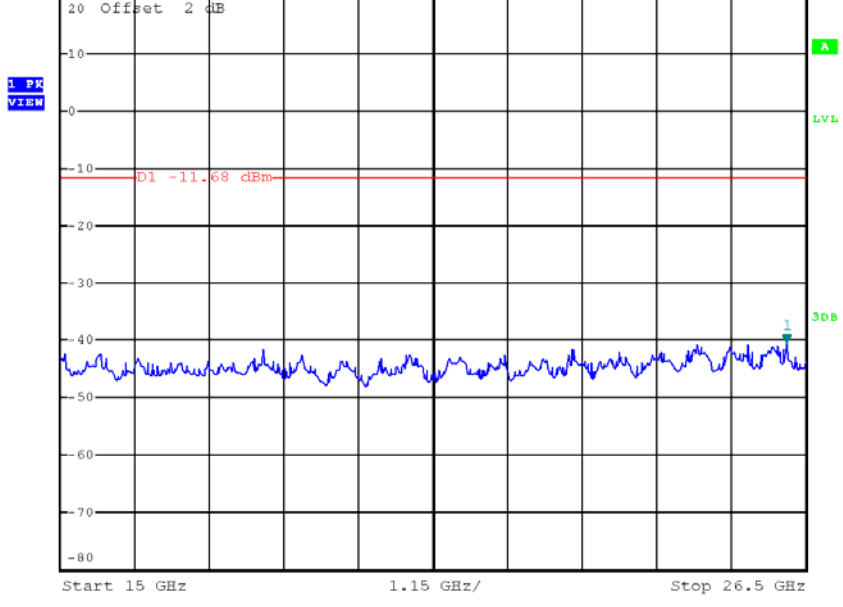


TX B mode CH11 (10 Harmonic of the frequency)



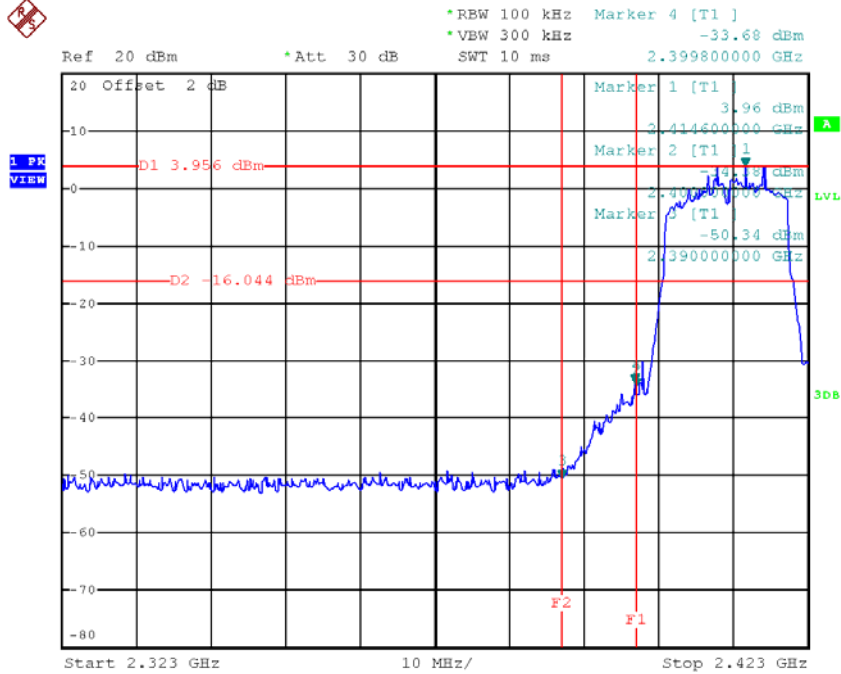


Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1] -40.53 dBm
*VBW 300 kHz SWT 1.15 s 26.201000000 GHz

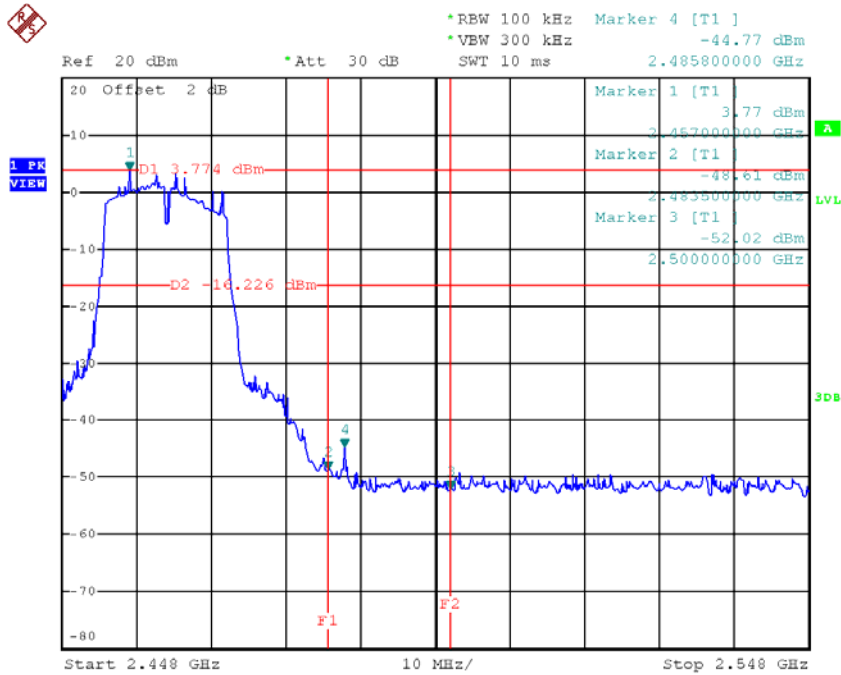


Test Mode : TX G Mode

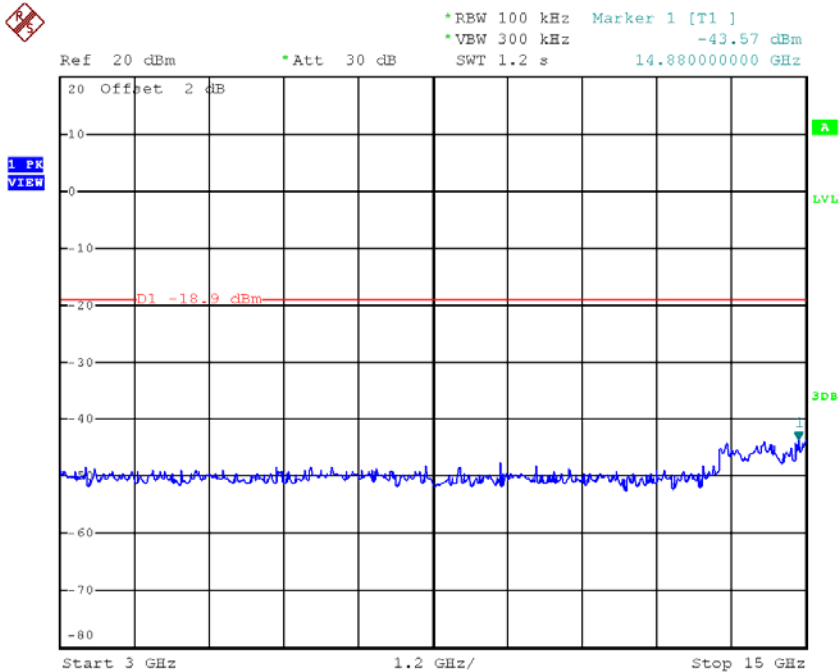
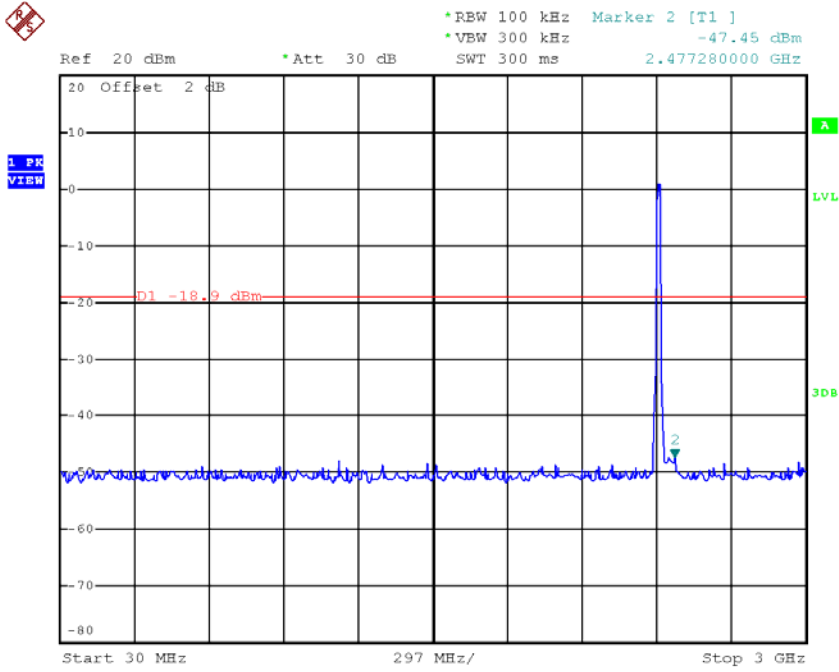
TX G mode CH01

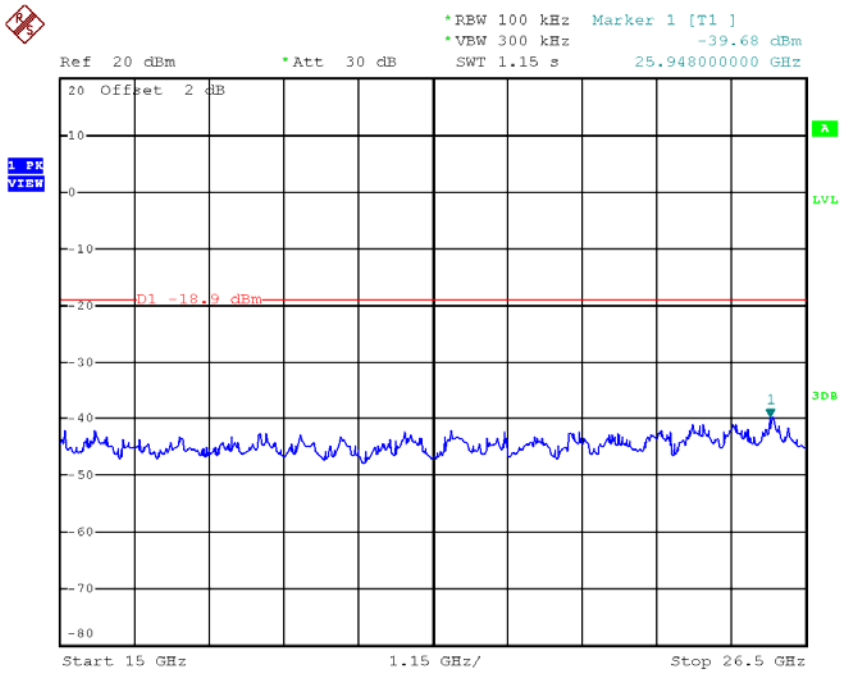


TX G mode CH11

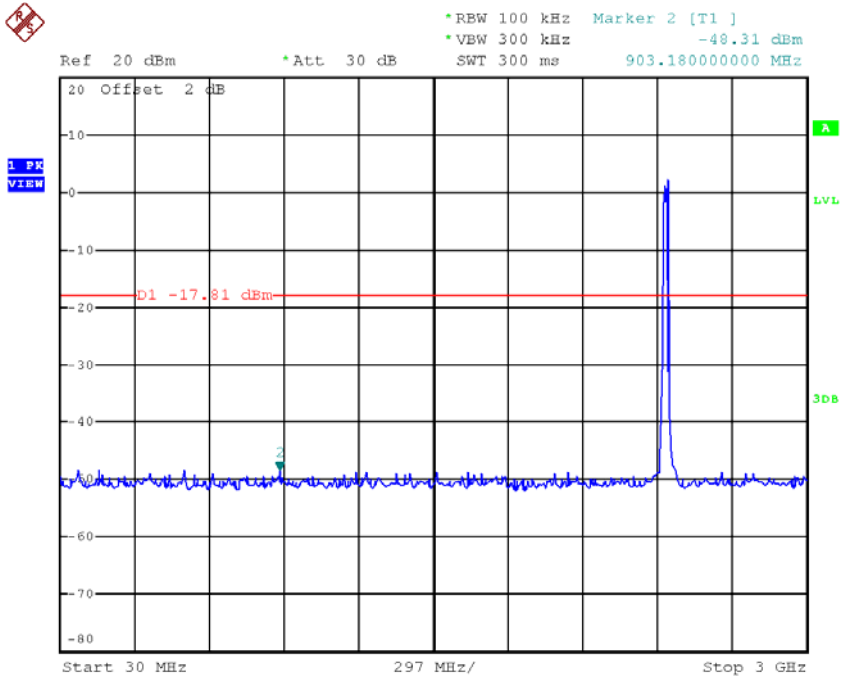


TX G mode CH01 (10 Harmonic of the frequency)



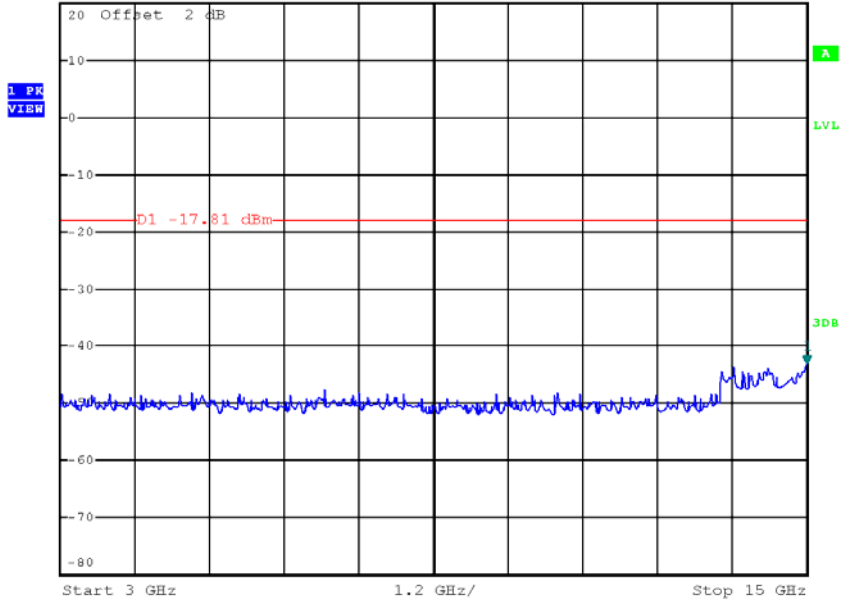


TX G mode CH06 (10 Harmonic of the frequency)

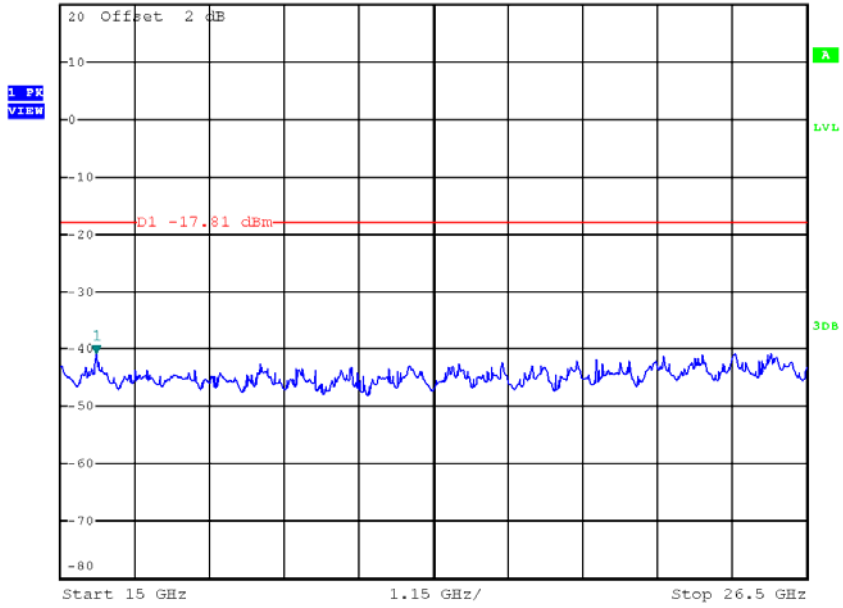




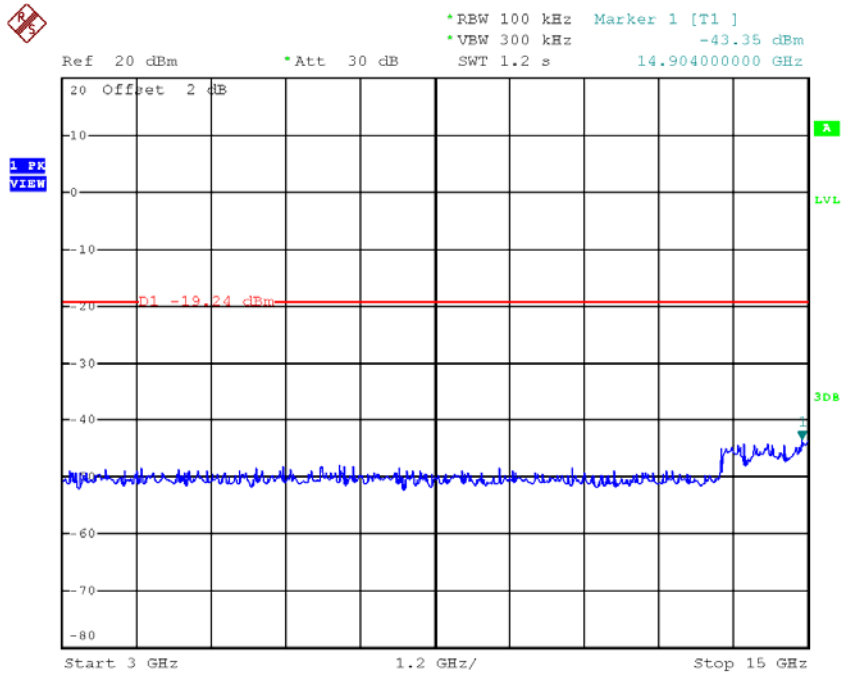
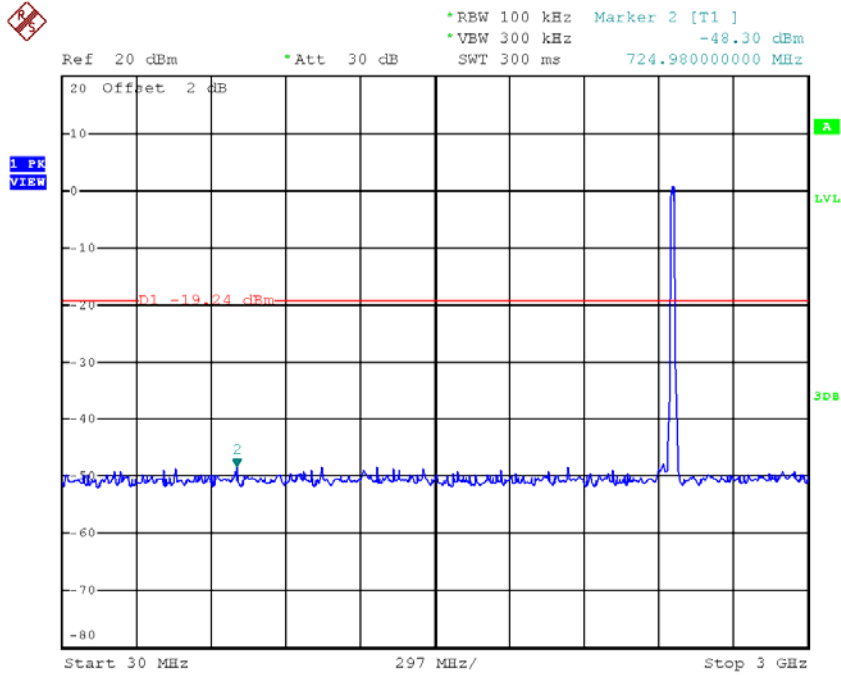
Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1]
 *VEW 300 kHz -43.19 dBm
 SWT 1.2 s 15.000000000 GHz



Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1]
 *VEW 300 kHz -40.77 dBm
 SWT 1.15 s 15.552000000 GHz

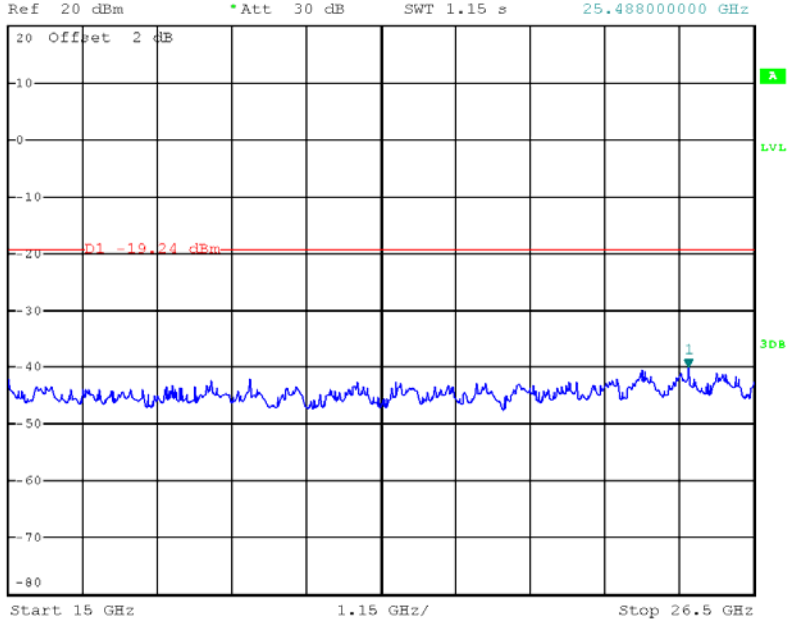


TX G mode CH11 (10 Harmonic of the frequency)



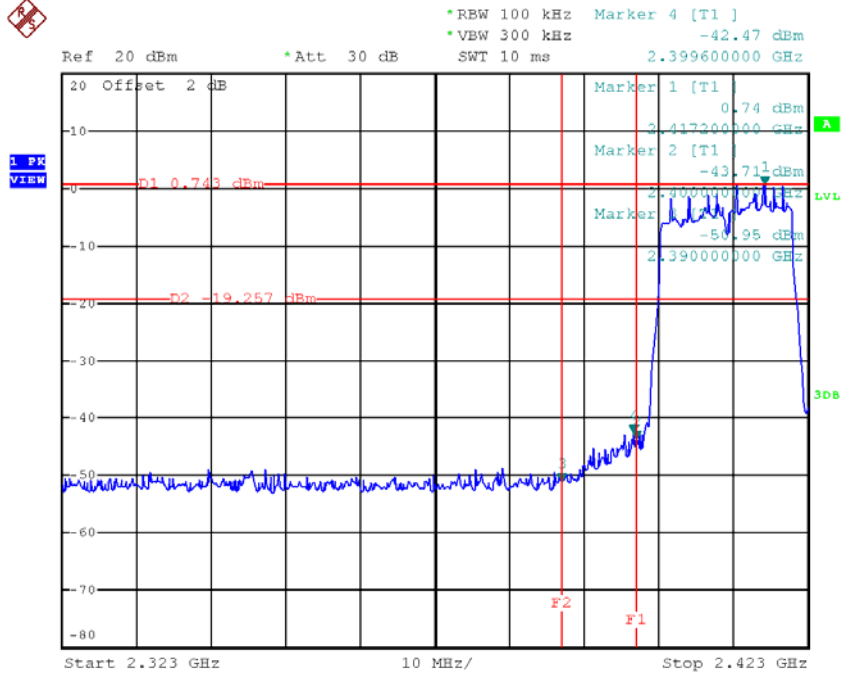


*REW 100 kHz Marker 1 [T1]
*VBW 300 kHz -39.96 dBm
SWT 1.15 s 25.488000000 GHz

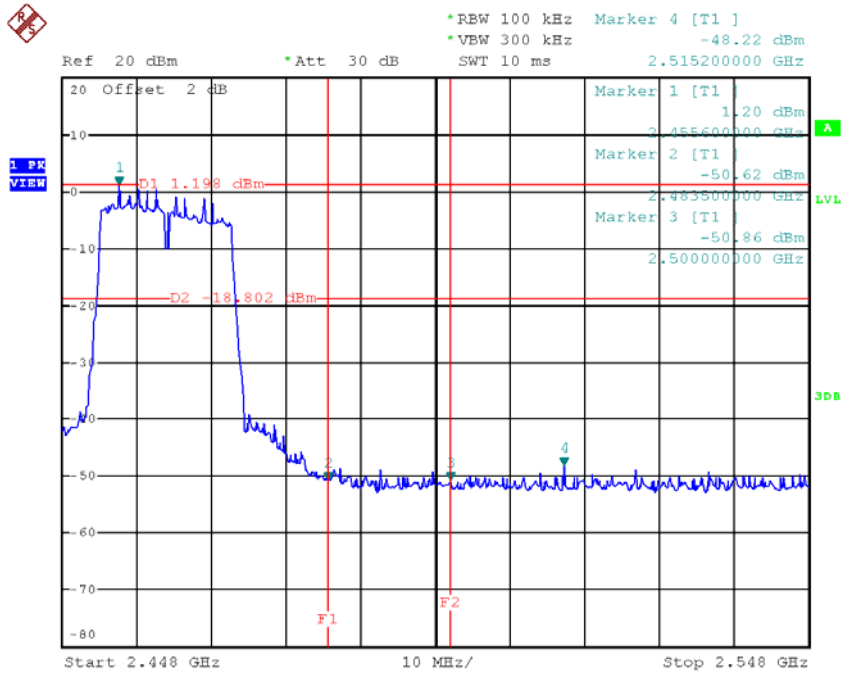


Test Mode : TX N-20M Mode

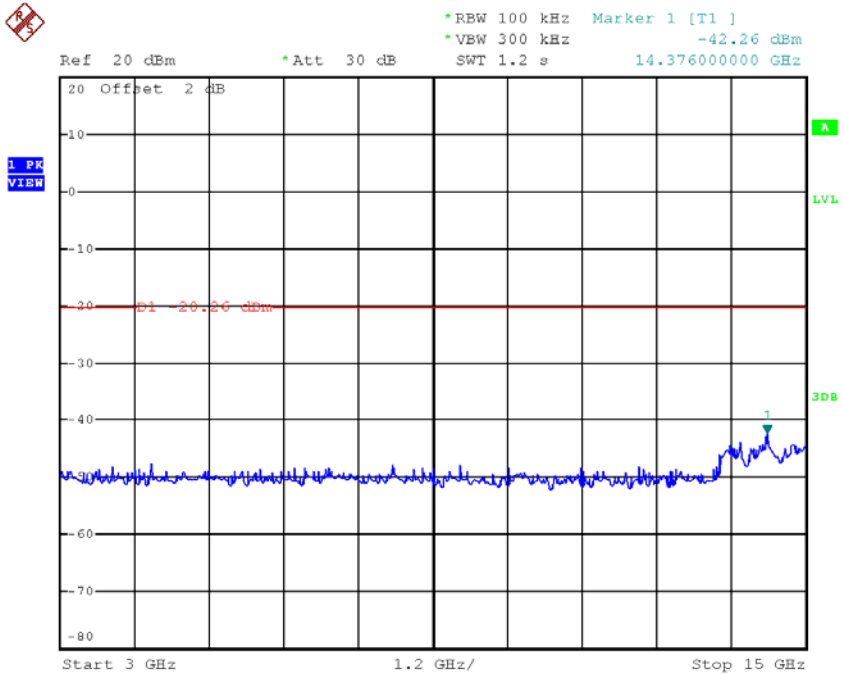
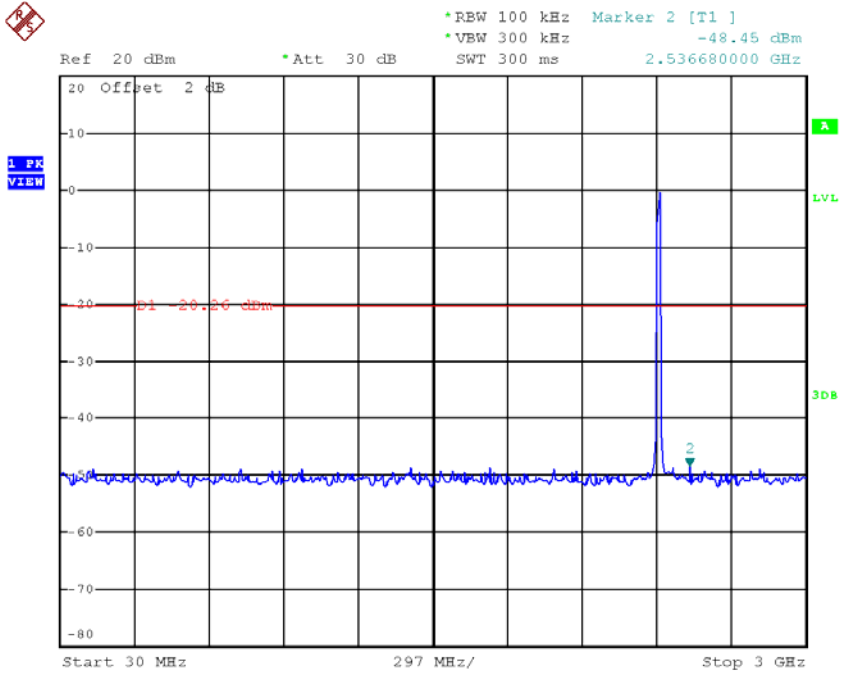
TX HT20 mode CH01

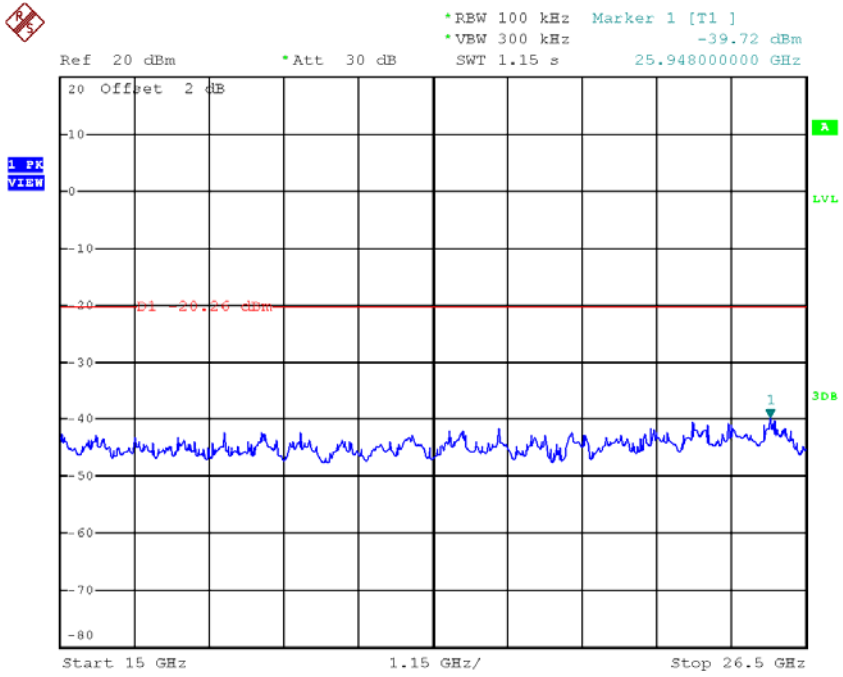


TX HT20 mode CH11

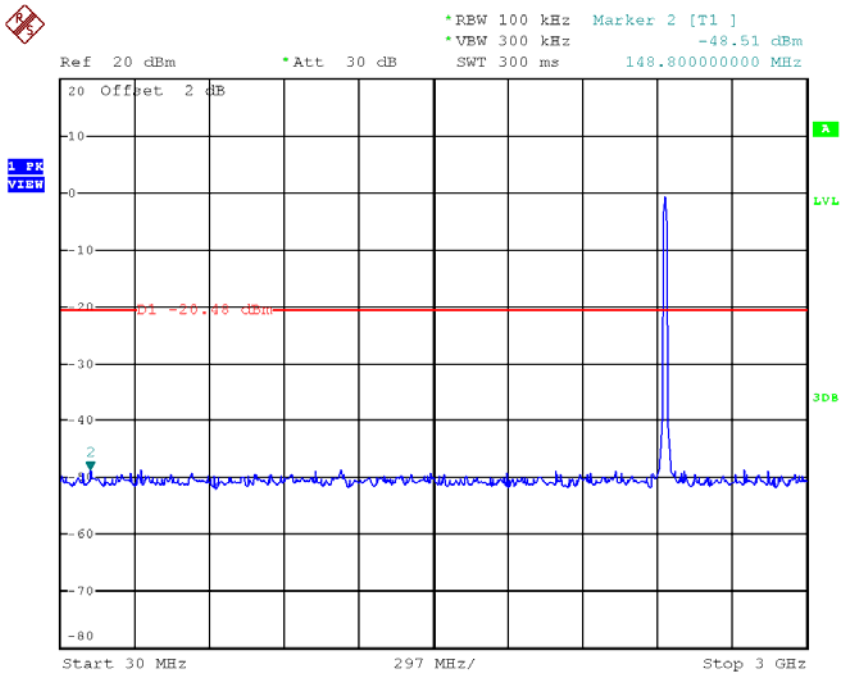


TX HT20 mode CH01 (10 Harmonic of the frequency)



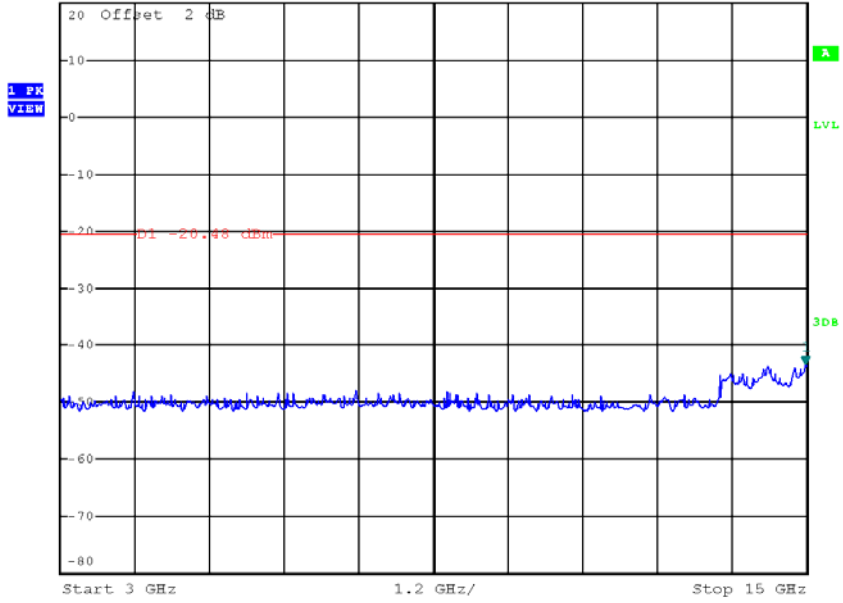


TX HT20 mode CH06 (10 Harmonic of the frequency)

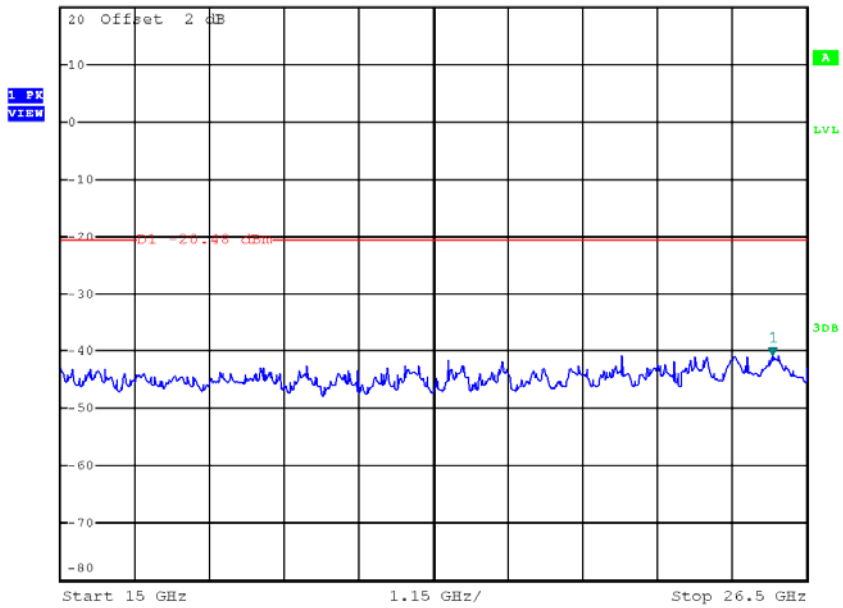




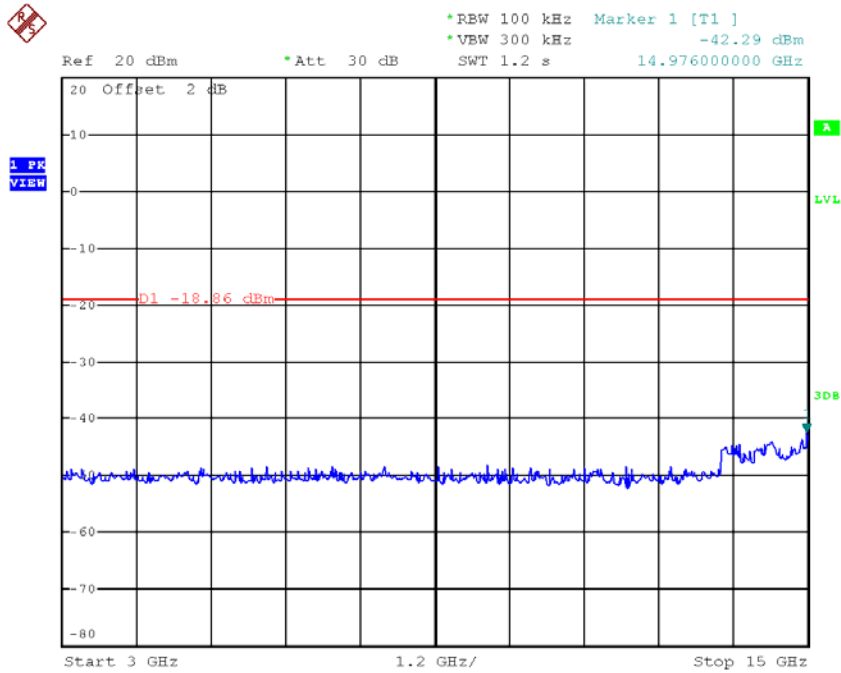
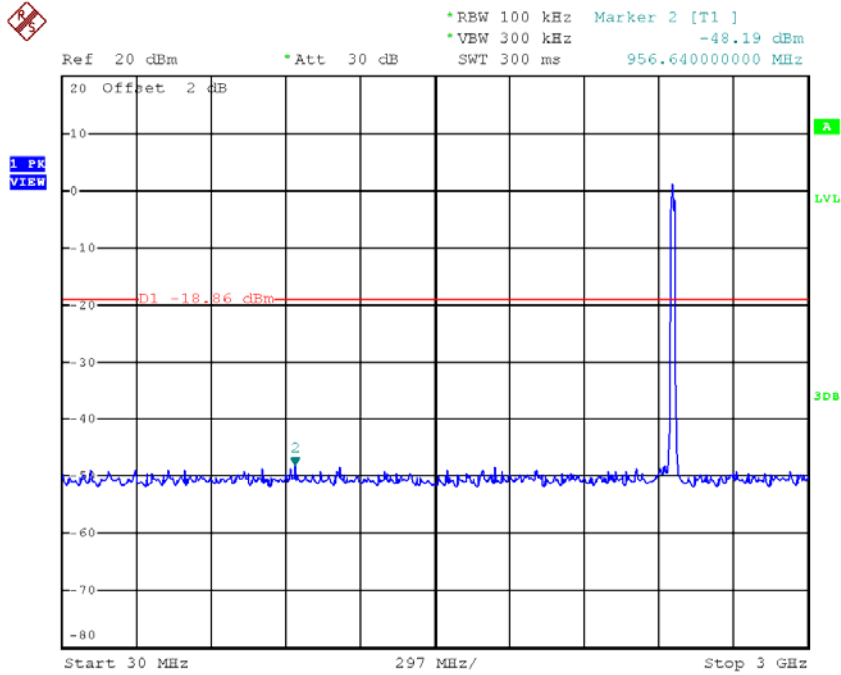
Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1] -43.27 dBm
*VBW 300 kHz SWT 1.2 s 14.976000000 GHz



Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1] -40.69 dBm
*VBW 300 kHz SWT 1.15 s 25.971000000 GHz

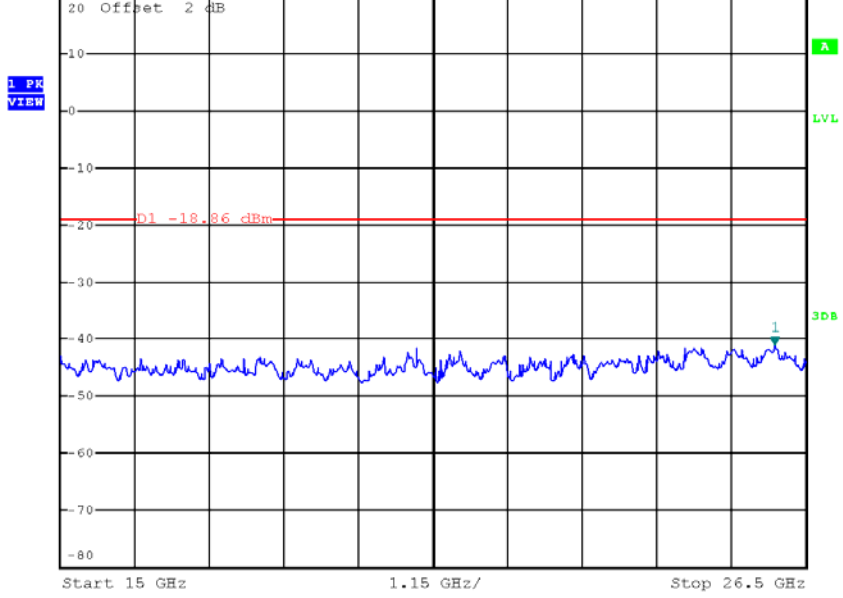


TX HT20 mode CH11 (10 Harmonic of the frequency)



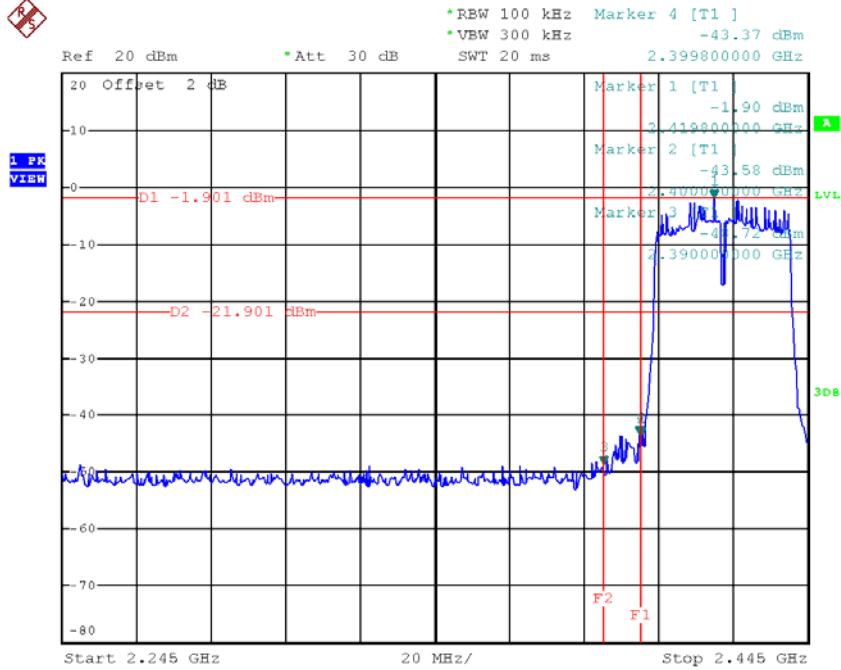


Ref 20 dBm *Att 30 dB *REW 100 kHz Marker 1 [T1] -40.95 dBm
*VW 300 kHz SWT 1.15 s 26.017000000 GHz

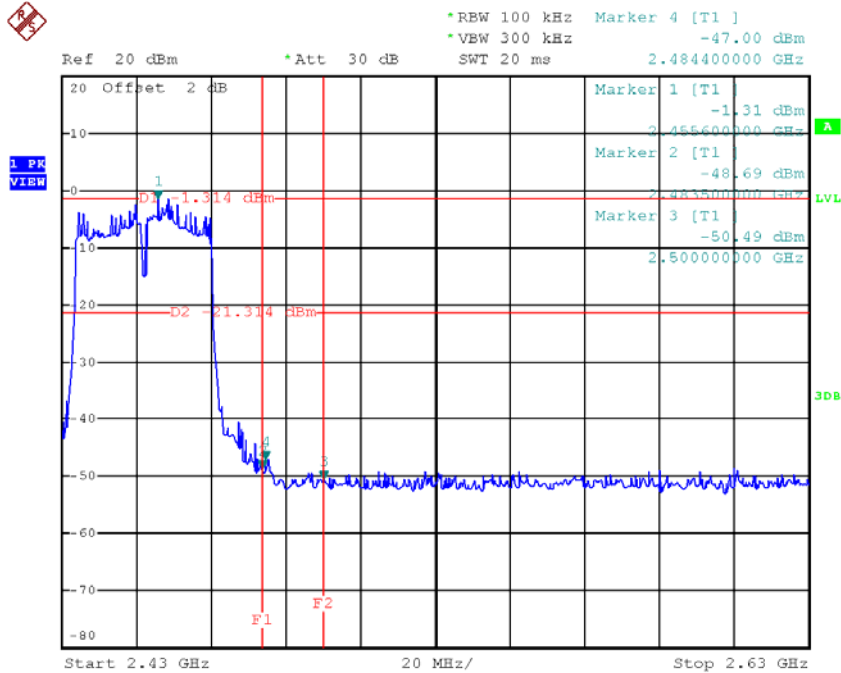


Test Mode : TX N-40M Mode

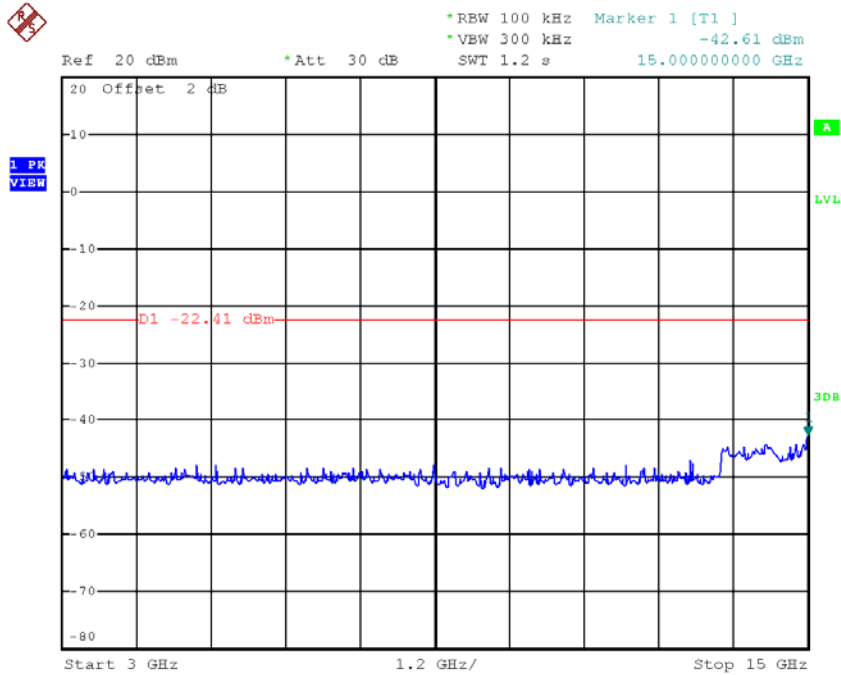
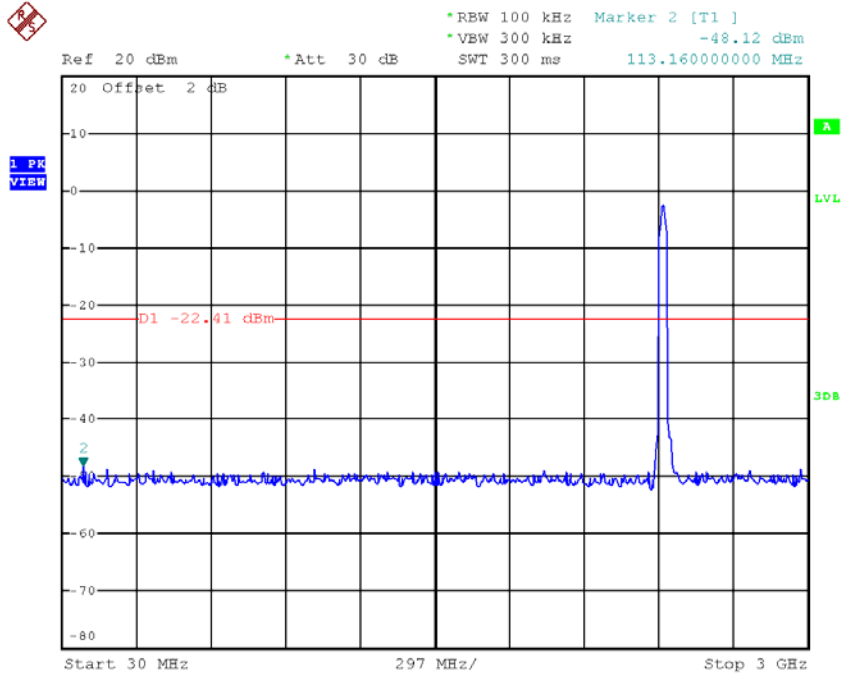
TX HT40 mode CH03

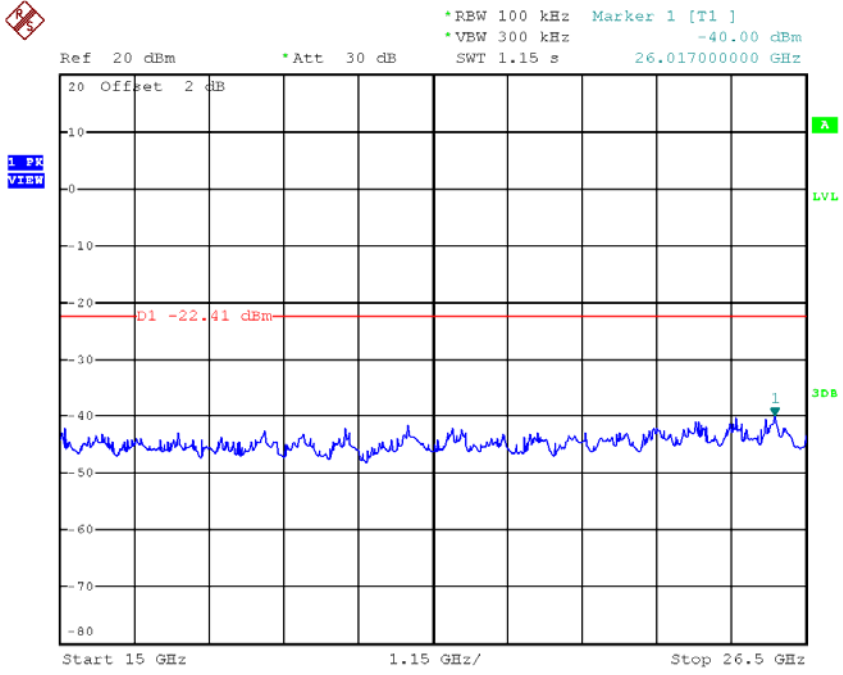


TX HT40 mode CH09

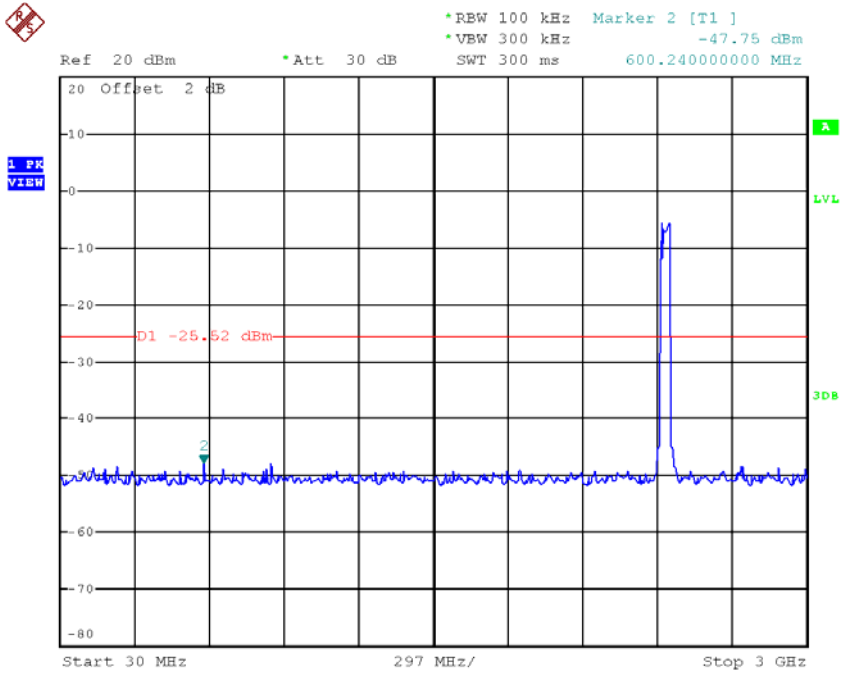


TX HT40 mode CH03 (10 Harmonic of the frequency)



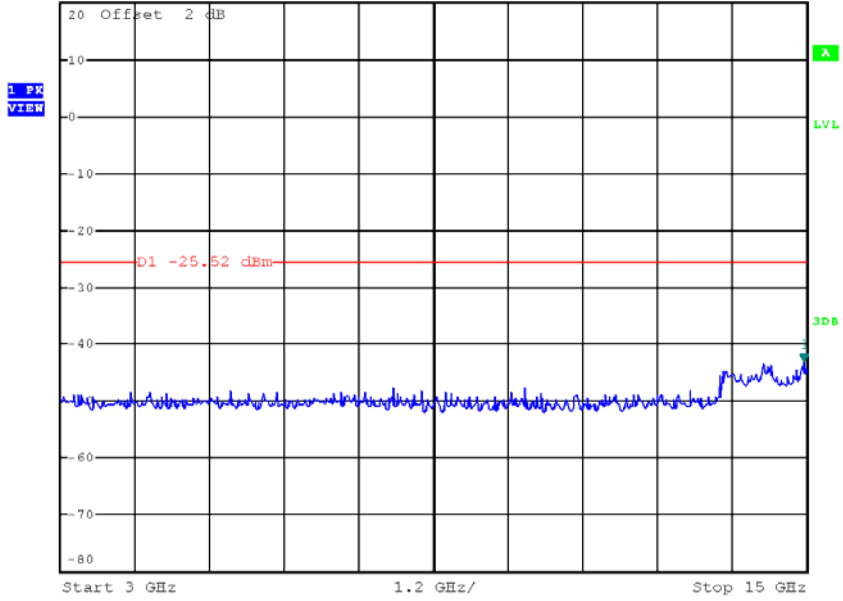


TX HT40 mode CH06 (10 Harmonic of the frequency)

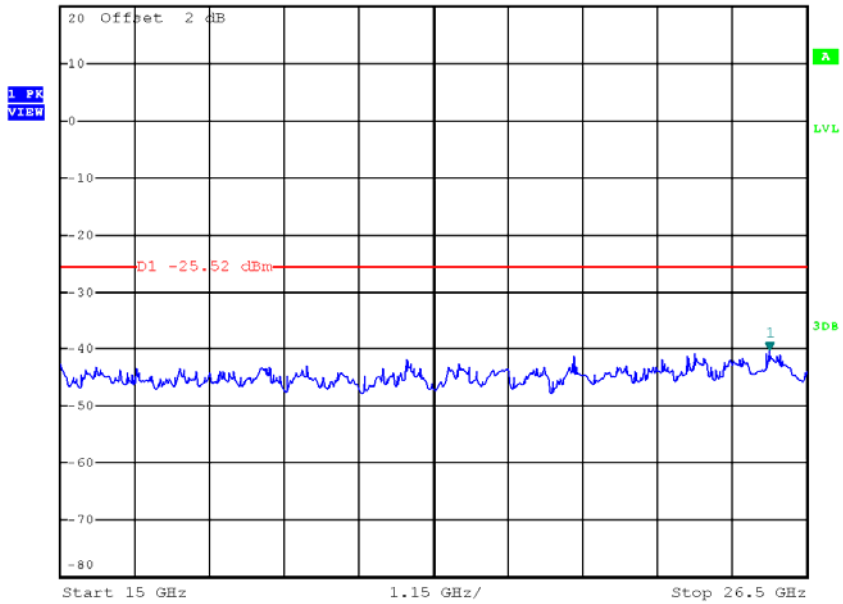




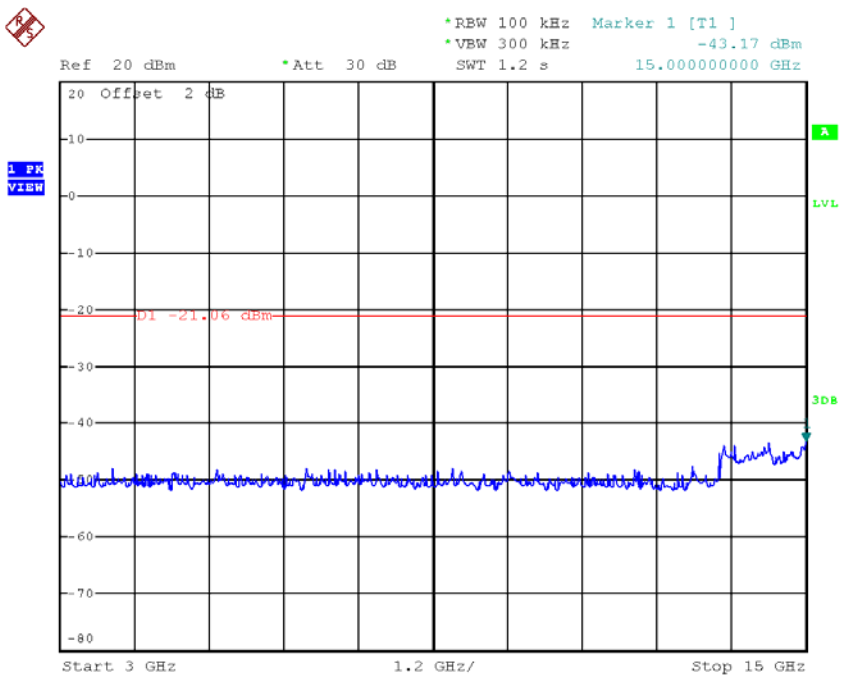
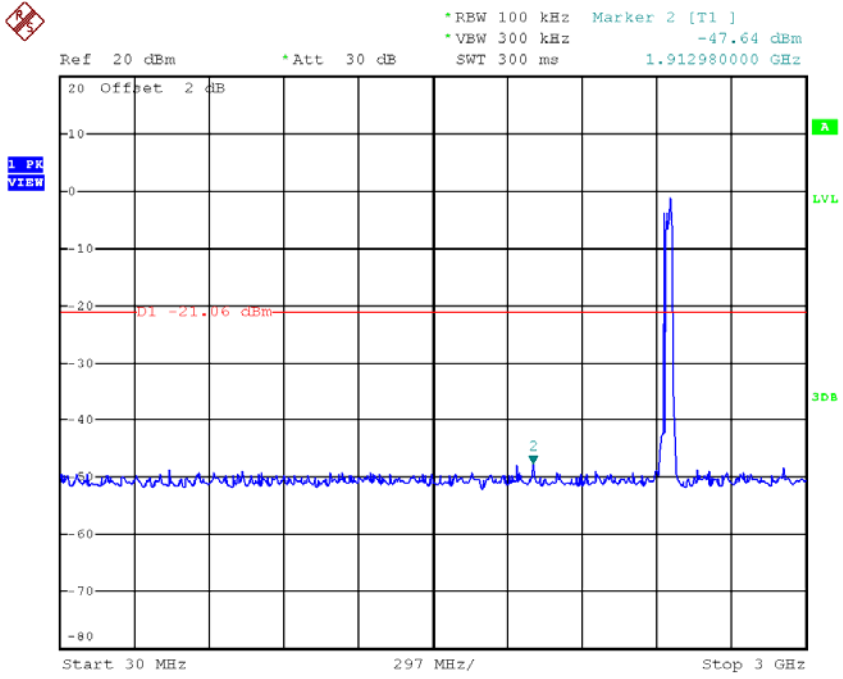
Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1] -43.15 dBm
*VBW 300 kHz SWT 1.2 s 14.952000000 GHz



Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1] -40.13 dBm
*VBW 300 kHz SWT 1.15 s 25.925000000 GHz

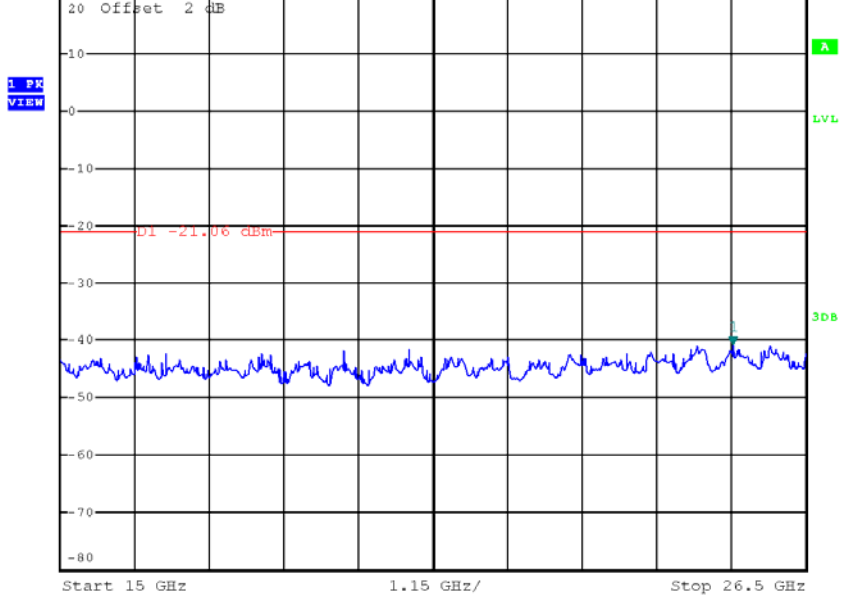


TX HT40 mode CH09 (10 Harmonic of the frequency)





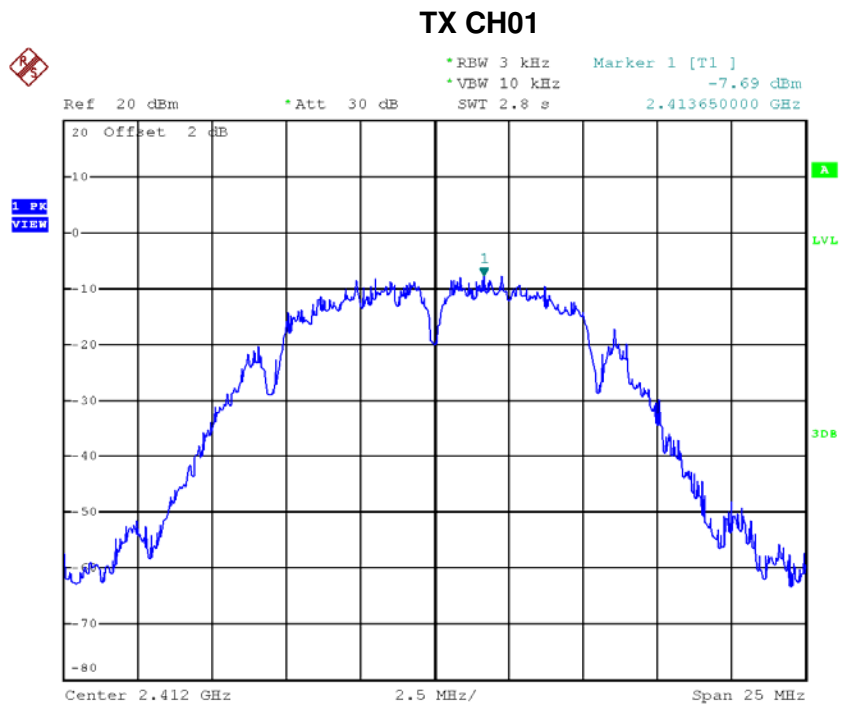
Ref 20 dBm *Att 30 dB *RBW 100 kHz Marker 1 [T1] -40.83 dBm
*VBW 300 kHz SWT 1.15 s 25.373000000 GHz



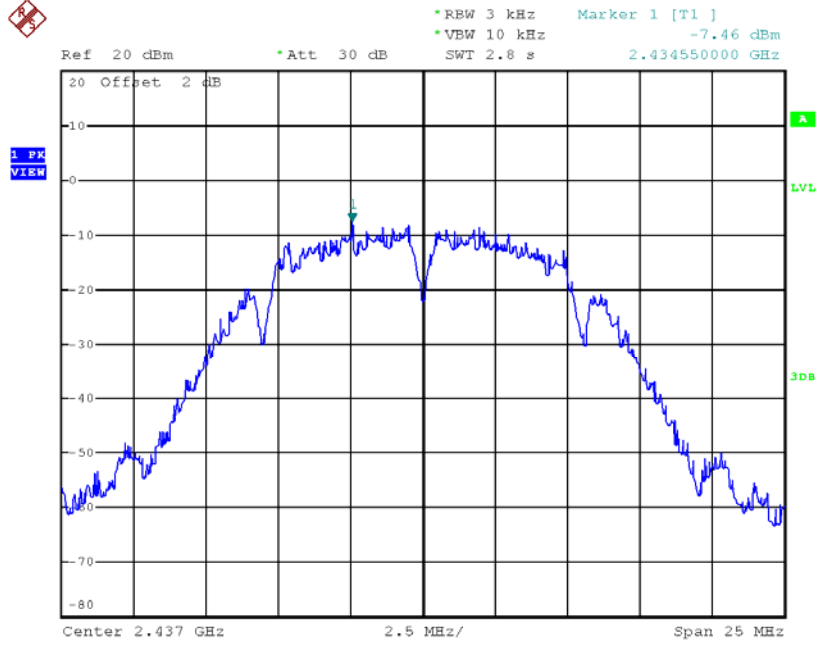
ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11

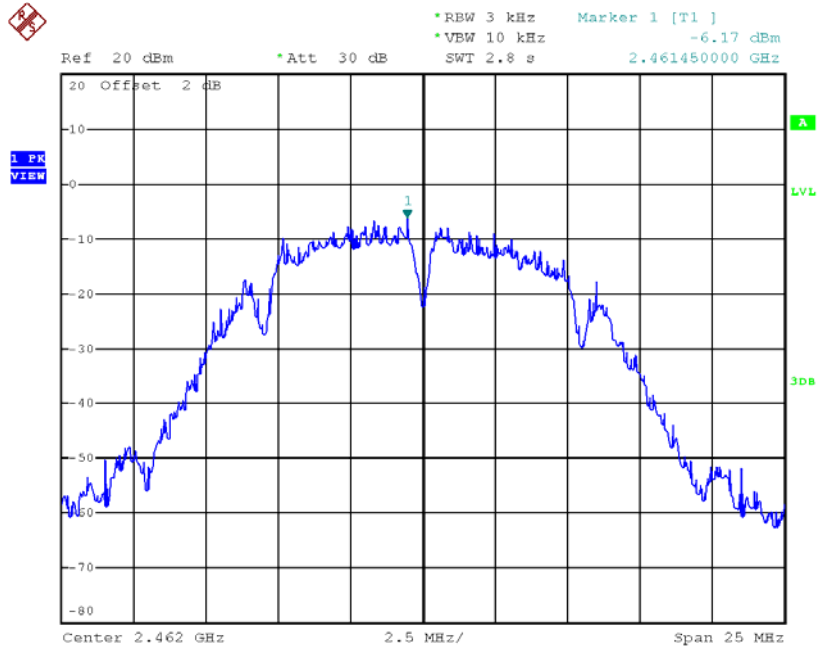
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-7.69	0.1702	8.00	Complies
2437	-7.46	0.1795	8.00	Complies
2462	-6.17	0.2415	8.00	Complies



TX CH06



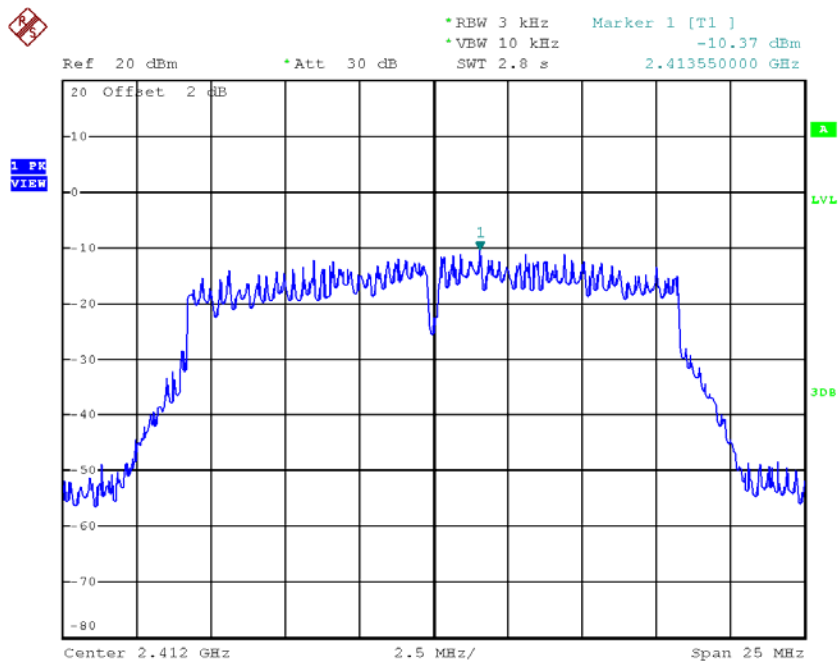
TX CH11



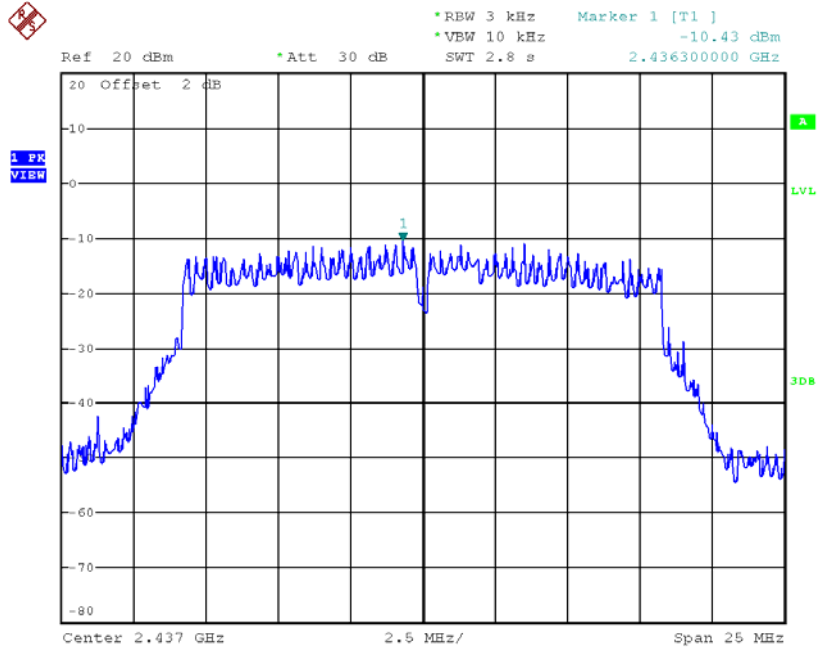
Test Mode :TX G Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-10.37	0.0918	8.00	Complies
2437	-10.43	0.0906	8.00	Complies
2462	-11.07	0.0782	8.00	Complies

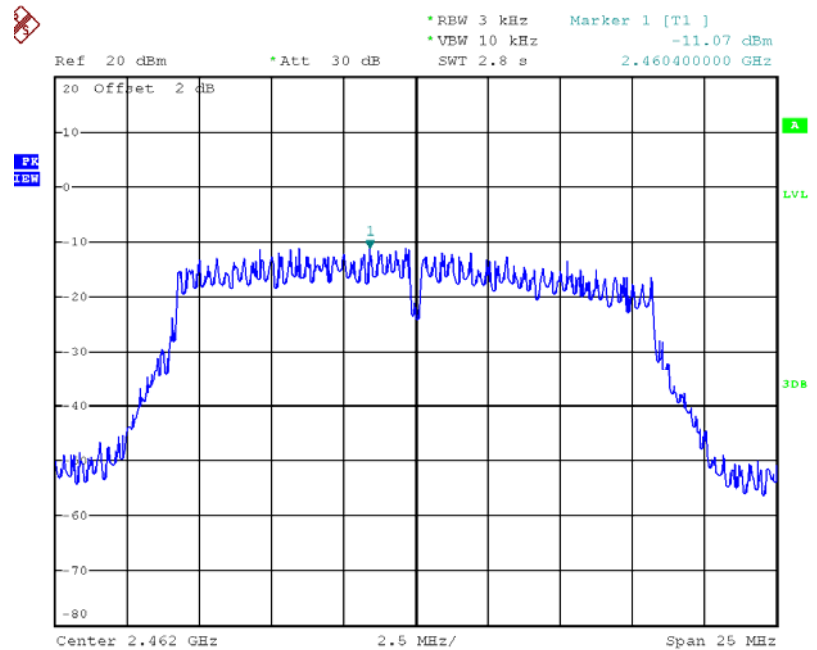
TX CH01



TX CH06



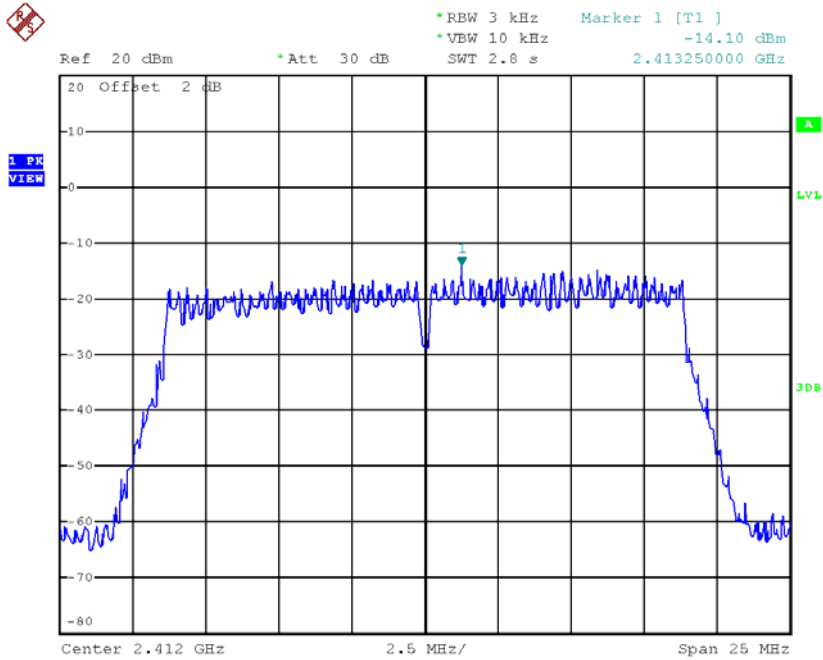
TX CH11



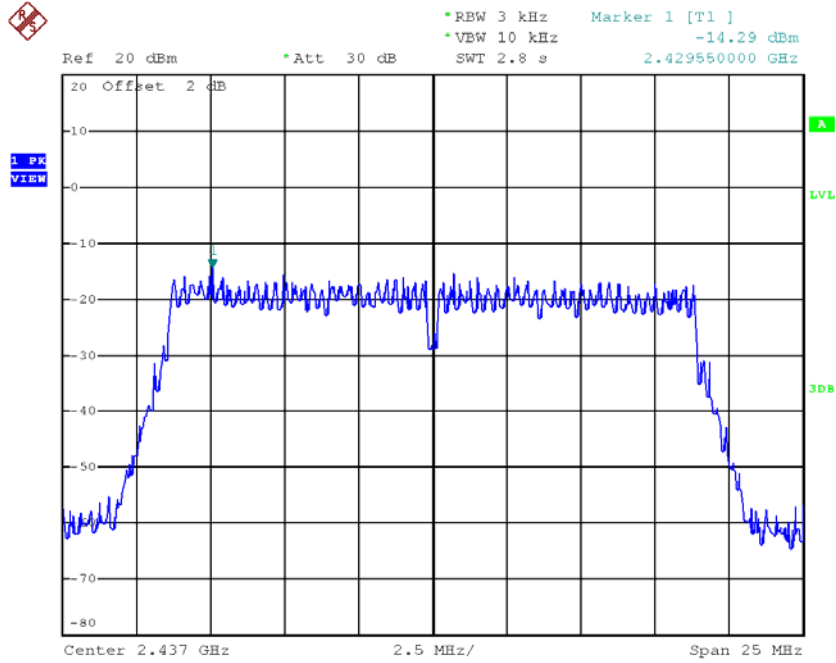
Test Mode : TX N-20M Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.10	0.0389	8.00	Complies
2437	-14.29	0.0372	8.00	Complies
2462	-12.17	0.0607	8.00	Complies

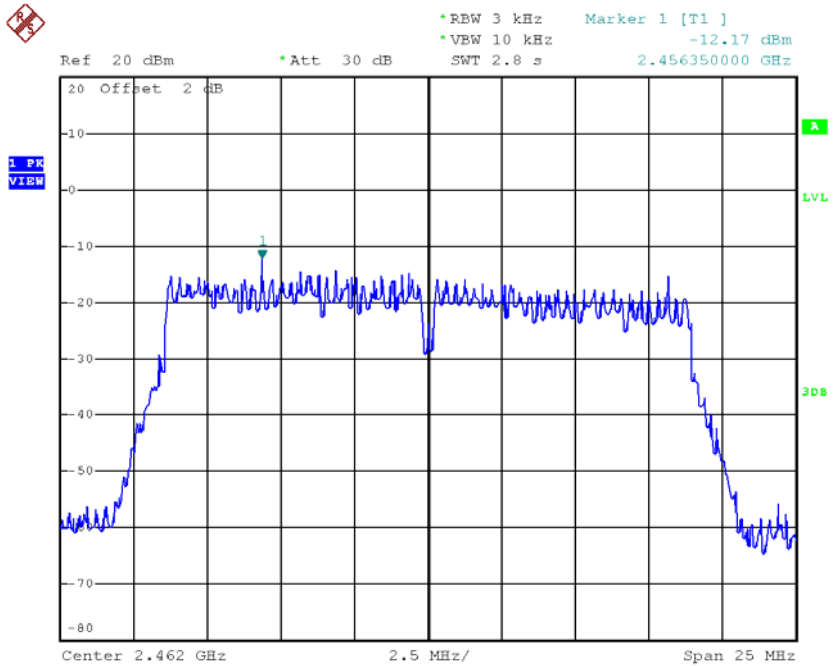
TX CH01



TX CH06



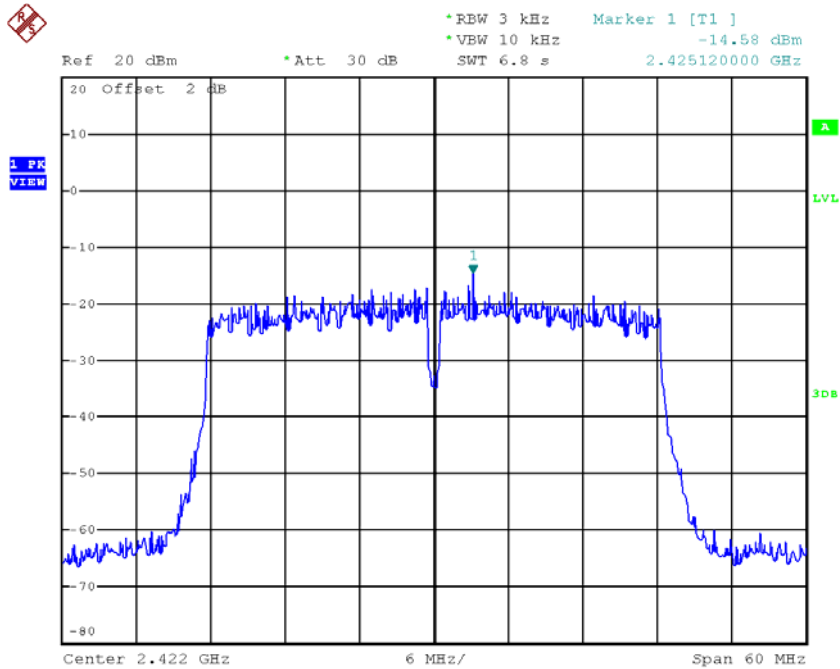
TX CH11



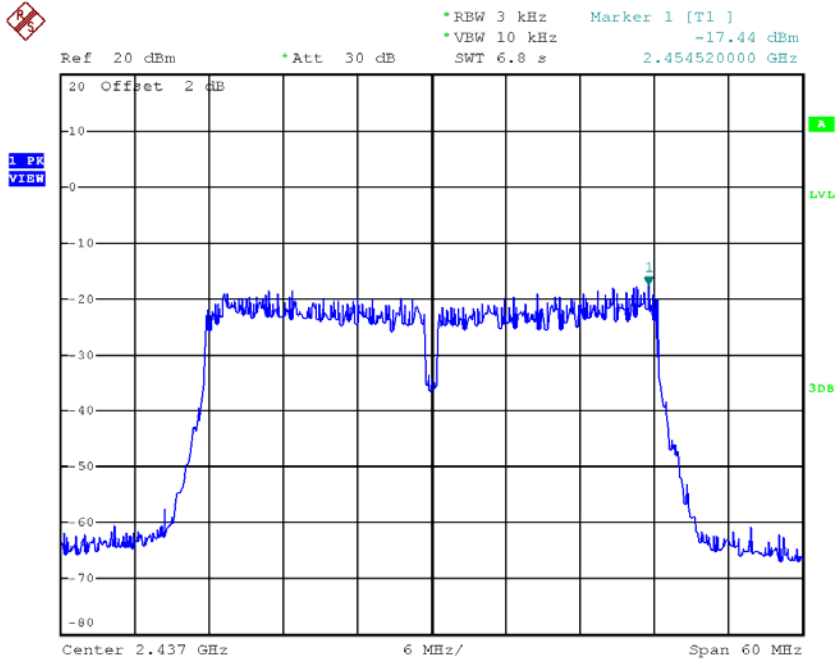
Test Mode : TX N-40M Mode_CH03/06/09

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-14.58	0.0348	8.00	Complies
2437	-17.44	0.0180	8.00	Complies
2452	-15.96	0.0254	8.00	Complies

TX CH03



TX CH06



TX CH09

