

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL'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. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

BTL's report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **BTL-self**, extracts from the test report shall not be reproduced except in full with **BTL's** authorized written approval.

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.

Table of Contents	Page
1 . CERTIFICATION	6
2 . SUMMARY OF TEST RESULTS	7
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
3 . GENERAL INFORMATION	9
3.1 GENERAL DESCRIPTION OF EUT	9
3.2 DESCRIPTION OF TEST MODES	11
3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING	13
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	14
3.5 DESCRIPTION OF SUPPORT UNITS	14
4 . EMC EMISSION TEST	15
4.1 CONDUCTED EMISSION MEASUREMENT	15
4.1.1 POWER LINE CONDUCTED EMISSION LIMITS	15
4.1.2 TEST PROCEDURE	15
4.1.3 DEVIATION FROM TEST STANDARD	15
4.1.4 TEST SETUP	16
4.1.5 EUT OPERATING CONDITIONS	16
4.1.6 EUT TEST CONDITIONS	16
4.1.7 TEST RESULTS	16
4.2 RADIATED EMISSION MEASUREMENT	17
4.2.1 RADIATED EMISSION LIMITS	17
4.2.2 TEST PROCEDURE	18
4.2.3 DEVIATION FROM TEST STANDARD	18
4.2.4 TEST SETUP	19
4.2.5 EUT OPERATING CONDITIONS	20
4.2.6 EUT TEST CONDITIONS	20
4.2.7 TEST RESULTS (9KHZ TO 30MHZ)	21
4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)	21
4.2.9 TEST RESULTS (ABOVE 1000 MHZ)	21
5 . BANDWIDTH TEST	22
5.1 APPLIED PROCEDURES	22
5.1.1 TEST PROCEDURE	22
5.1.2 DEVIATION FROM STANDARD	22
5.1.3 TEST SETUP	22
5.1.4 EUT OPERATION CONDITIONS	22
5.1.5 EUT TEST CONDITIONS	22
5.1.6 TEST RESULTS	22
6 . MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST	23

Table of Contents	Page
6.1 APPLIED PROCEDURES / LIMIT	23
6.1.1 TEST PROCEDURE	23
6.1.2 DEVIATION FROM STANDARD	23
6.1.3 TEST SETUP	23
6.1.4 EUT OPERATION CONDITIONS	23
6.1.5 EUT TEST CONDITIONS	23
6.1.6 TEST RESULTS	23
7 . ANTENNA CONDUCTED SPURIOUS EMISSION	24
7.1 APPLIED PROCEDURES / LIMIT	24
7.1.1 TEST PROCEDURE	24
7.1.2 DEVIATION FROM STANDARD	24
7.1.3 TEST SETUP	24
7.1.4 EUT OPERATION CONDITIONS	24
7.1.5 EUT TEST CONDITIONS	24
7.1.6 TEST RESULTS	24
8 . POWER SPECTRAL DENSITY TEST	25
8.1 APPLIED PROCEDURES / LIMIT	25
8.1.1 TEST PROCEDURE	25
8.1.2 DEVIATION FROM STANDARD	25
8.1.3 TEST SETUP	25
8.1.4 EUT OPERATION CONDITIONS	25
8.1.5 EUT TEST CONDITIONS	25
8.1.6 TEST RESULTS	25
9 . MEASUREMENT INSTRUMENTS LIST	26
10 . EUT TEST PHOTO	28
ATTACHMENT A - CONDUCTED EMISSION	34
ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)	41
ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)	54
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)	67
ATTACHMENT E - BANDWIDTH	114
ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER	121
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION	123
ATTACHMENT H - POWER SPECTRAL DENSITY	142

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-3-1612C149	Original Issue.	Jan. 05, 2017

1. CERTIFICATION

Equipment : Smart Phone
Brand Name : HUAWEI
Model Name : DIG-L23, DIG-L03
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 : Dec. 14, 2016 ~ Jan. 04, 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-3-1612C149) 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).

Test results included in this report is only for the 2.4G WIFI part.

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	DIG-L23, DIG-L03	
Model Difference	All hardwares of the model DIG-L23 and DIG-L03 are the same. These two models are only differ in SIM card that DIG-L23 has double cards of SIM 1 and SIM 2, while DIG-L03 has single card SIM 1 by software conductively-closed. Model DIG-L23 has been evaluated completed, and the test datas of SIM 1 are re-used to model DIG-L03.	
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 72 Mbps
	Output Power (Max.)	802.11b: 13.78dBm 802.11g: 12.81dBm 802.11n(20MHz): 11.85dBm
Power Source	DC voltage supplied from AC/DC adapter.	
Power Source	#1 DC Voltage supplied from AC/DC adapter. #2 Battery Supplied.	
Power Rating	#1 Input: 100~240V Output:5V  1.0A #2 DC 3.82V 2920mAh	
HW Version	HL1DIGM	
SW Version	Diego-L23C469B005	

Note:

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

2. The EUT contains following accessory devices

Item	Mfr/Brand	Model.
Battery	Sunwoda Electronic Co., LTD	HB405979ECW
	Desay Battery Co., Ltd.	HB405979ECW
USB Cable	LUXSHARE-ICT Co., Ltd.	L99U2013-CS-H
	Chang Shu Honglin Technology Co.,Ltd.	130-26654
	FOXCONN INTERCONNECT TECHNOLOGY	CUBB01M-HC208-DH
Earphone	JIANGXI LIANCHUANG HONGSHENG ELECTRONIC CO., LTD	MEMD1632B580C00
	BOLUO COUNTY QUANCHENG ELECTRONIC CO., LTD	1311-3291-3.5mm-229
	Goer Tek Inc	NA12
	MERRY ELECTRONICS (SHENZHEN) CO., LTD.	EMC309-001
Adapter	DONGGUAN PHITEK ELECTRONICS CO.,LTD.	HW-050100U01
	SHENZHEN HUNTKEY ELECTRONIC CO.,LTD.	
	HUIZHOU BYD ELECTRONIC CO., LTD.	

3. Channel List:

CH01 – CH11 for 802.11b, 802.11g, 802.11n(20MHz)							
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		

4. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	HUAWEI	N/A	PCB	N/A	0.8	N/A

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly 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 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 4	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

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

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

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

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

Note:

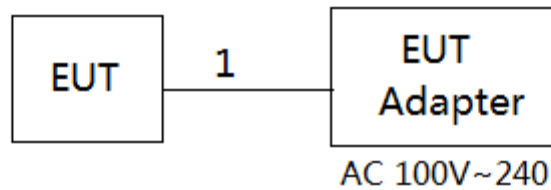
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (6.5Mbps)
For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b 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%.
- (5) The EUT was pre-tested on positioned of each 3 axis. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

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	QRCT		
Frequency (MHz)	2412	2437	2462
802.11b	14.5	19	15
802.11g	11	16	12
802.11n (20MHz)	10	15	11

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	YES	NO	1m	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 (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 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

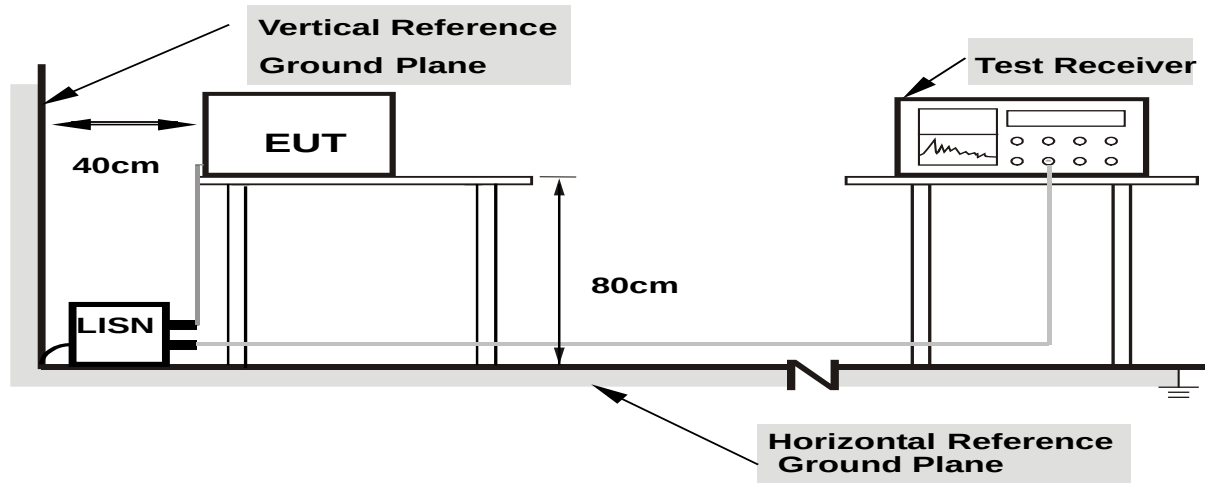
4.1.2 TEST PROCEDURE

- 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 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)

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

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

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

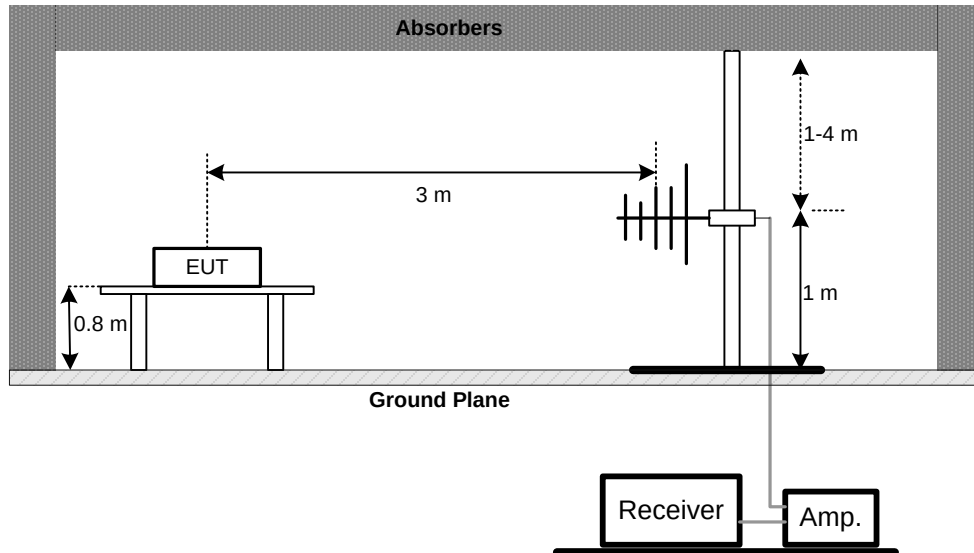
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

4.2.3 DEVIATION FROM TEST STANDARD

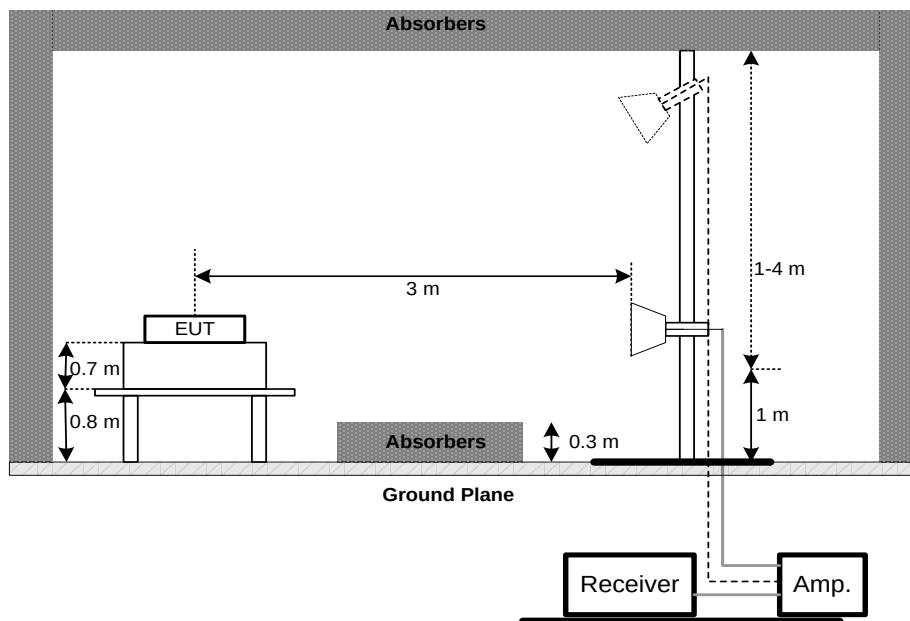
No deviation

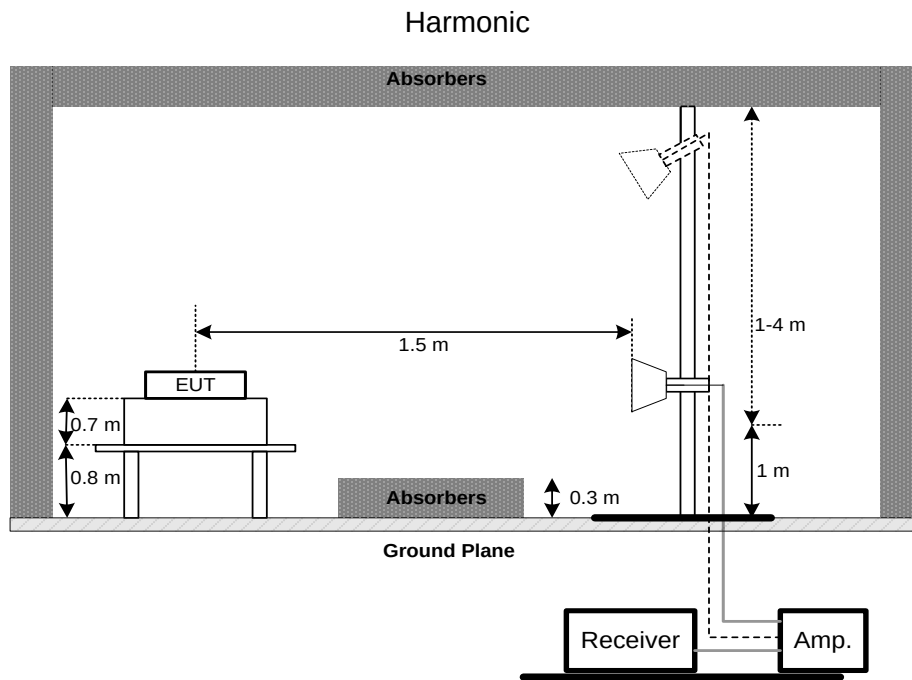
4.2.4 TEST SETUP

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

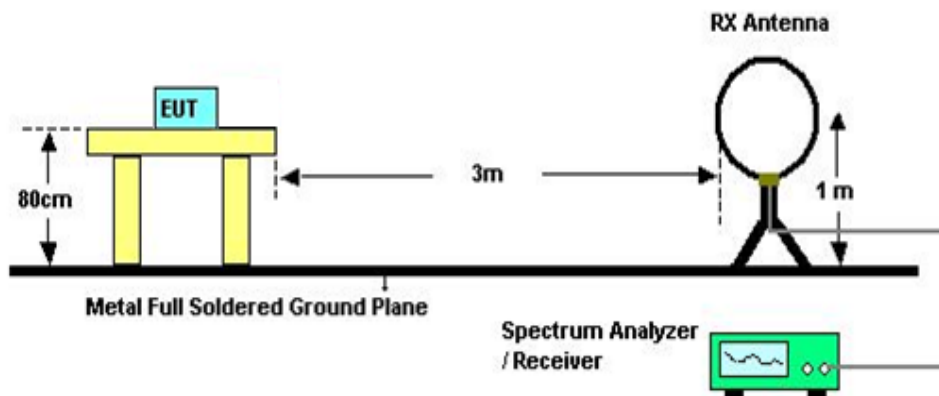


(B) Radiated Emission Test Set-Up Frequency Above 1 GHz Band edge





(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

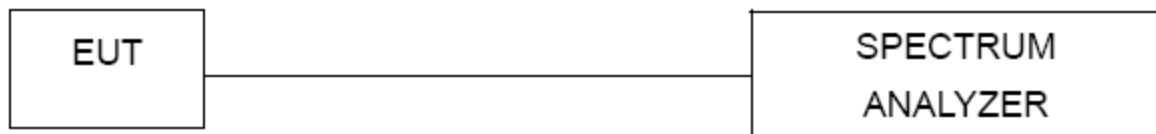
5.1.1 TEST PROCEDURE

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

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

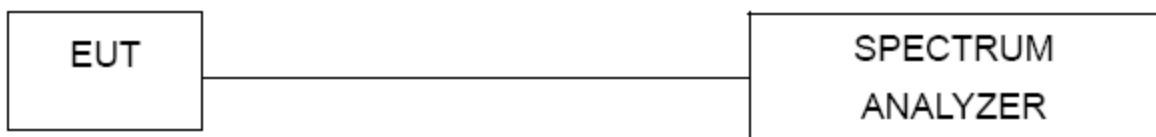
7.1.1 TEST PROCEDURE

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

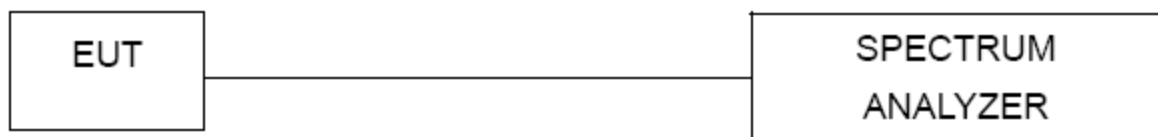
8.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- 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	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
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. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Mar. 10, 2017
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 26, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Antenna	ETS	3115	00075789	Mar. 27, 2017
8	Amplifier	Agilent	8449B	3008A02274	Mar. 10, 2017
9	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
10	Test Cable	emci	EMC104-SM-S M-10000(1GHz-26.5GHz)	C-68	Jun. 26, 2017
11	Controller	CT	SC100	N/A	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
13	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 06, 2017
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	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	Mar. 27, 2017
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 27, 2017

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017

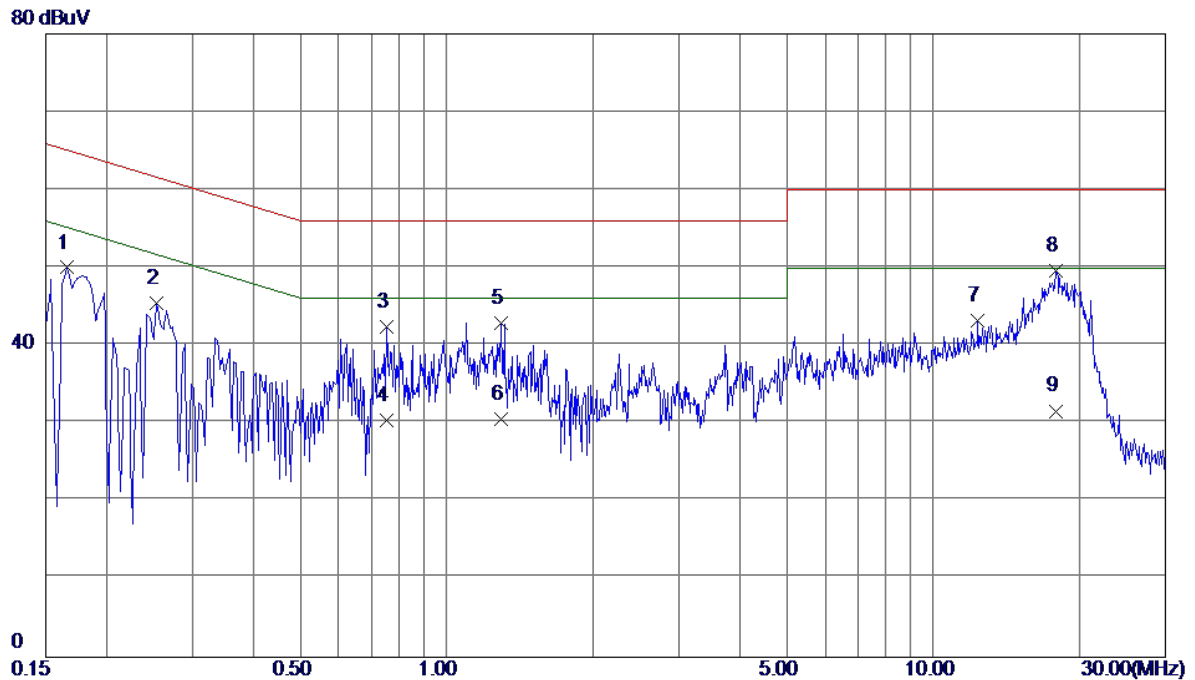
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017

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

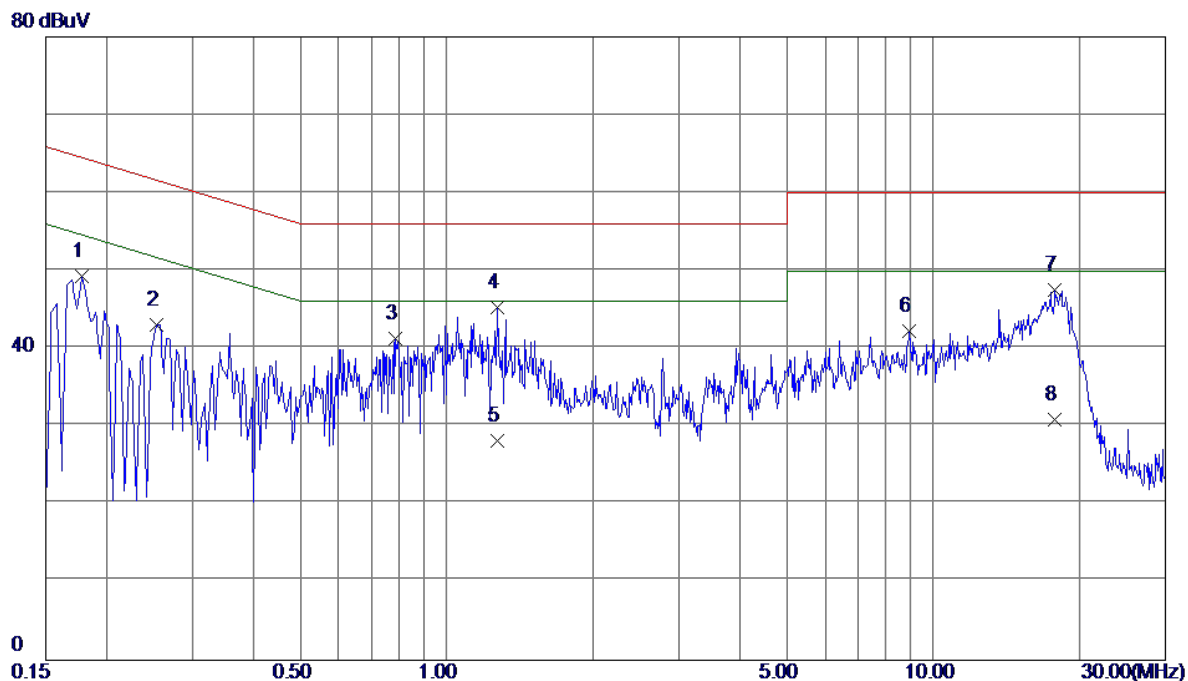
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1660	40.43	9.57	50.00	65.16	-15.16	Peak	
2	0.2540	35.83	9.57	45.40	61.63	-16.23	Peak	
3	0.7539	32.64	9.77	42.41	56.00	-13.59	Peak	
4	0.7539	20.60	9.77	30.37	46.00	-15.63	AVG	
5	1.2900	32.92	9.89	42.81	56.00	-13.19	Peak	
6	1.2900	20.60	9.89	30.49	46.00	-15.51	AVG	
7	12.3340	32.60	10.59	43.19	60.00	-16.81	Peak	
8 *	17.8980	38.80	10.76	49.56	60.00	-10.44	Peak	
9	17.8980	20.84	10.76	31.60	50.00	-18.40	AVG	

Test Mode : TX Mode_Adapter:BYD

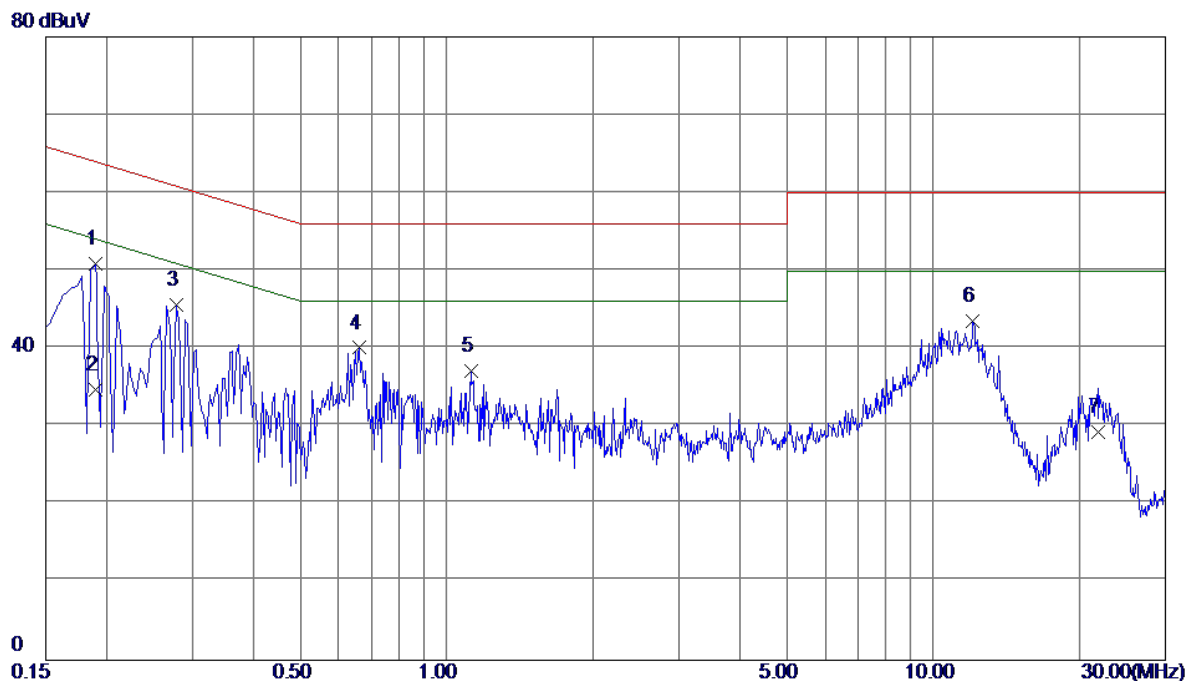
Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1780	39.73	9.50	49.23	64.58	-15.35	Peak	
2	0.2540	33.53	9.57	43.10	61.63	-18.53	Peak	
3	0.7860	31.73	9.60	41.33	56.00	-14.67	Peak	
4 *	1.2740	35.52	9.76	45.28	56.00	-10.72	Peak	
5	1.2740	18.45	9.76	28.21	46.00	-17.79	AVG	
6	8.9460	31.79	10.45	42.24	60.00	-17.76	Peak	
7	17.7580	36.67	10.81	47.48	60.00	-12.52	Peak	
8	17.7580	20.14	10.81	30.95	50.00	-19.05	AVG	

Test Mode : TX Mode_Adapter:PHITEK

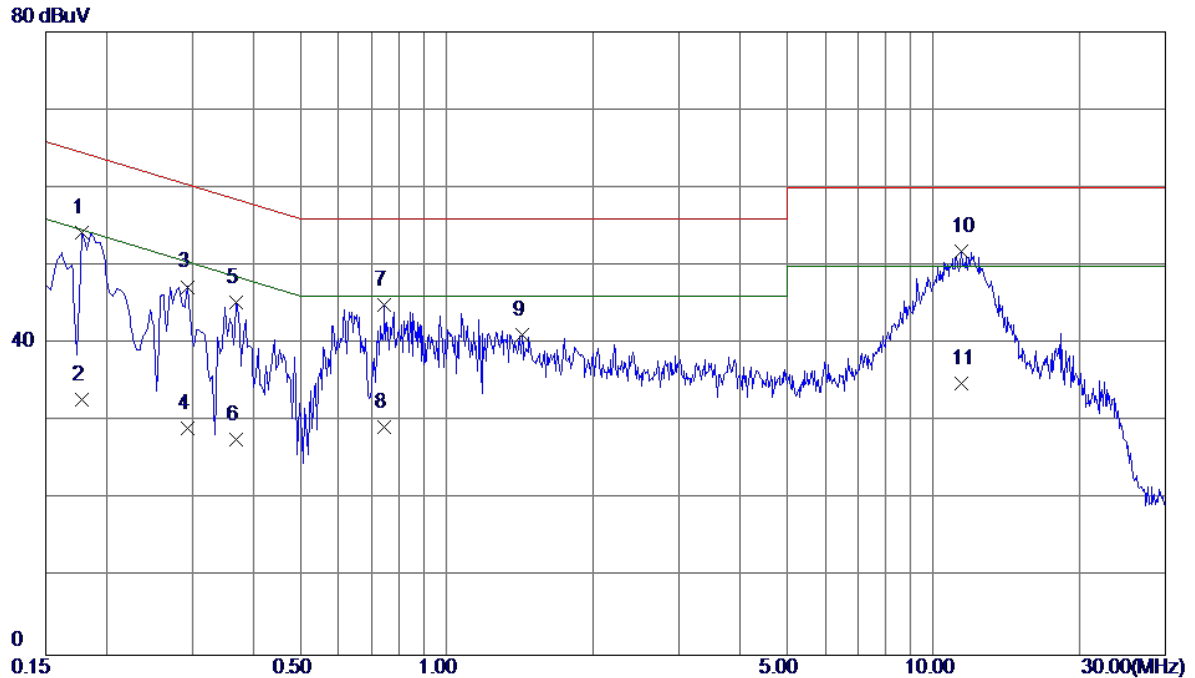
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1900	41.34	9.57	50.91	64.04	-13.13	Peak	
2	0.1900	25.18	9.57	34.75	54.04	-19.29	AVG	
3	0.2779	36.03	9.58	45.61	60.88	-15.27	Peak	
4	0.6620	30.37	9.71	40.08	56.00	-15.92	Peak	
5	1.1220	27.20	9.85	37.05	56.00	-18.95	Peak	
6	12.0659	32.89	10.58	43.47	60.00	-16.53	Peak	
7	21.8100	18.42	10.81	29.23	60.00	-30.77	Peak	

Test Mode : TX Mode_Adapter:PHITEK

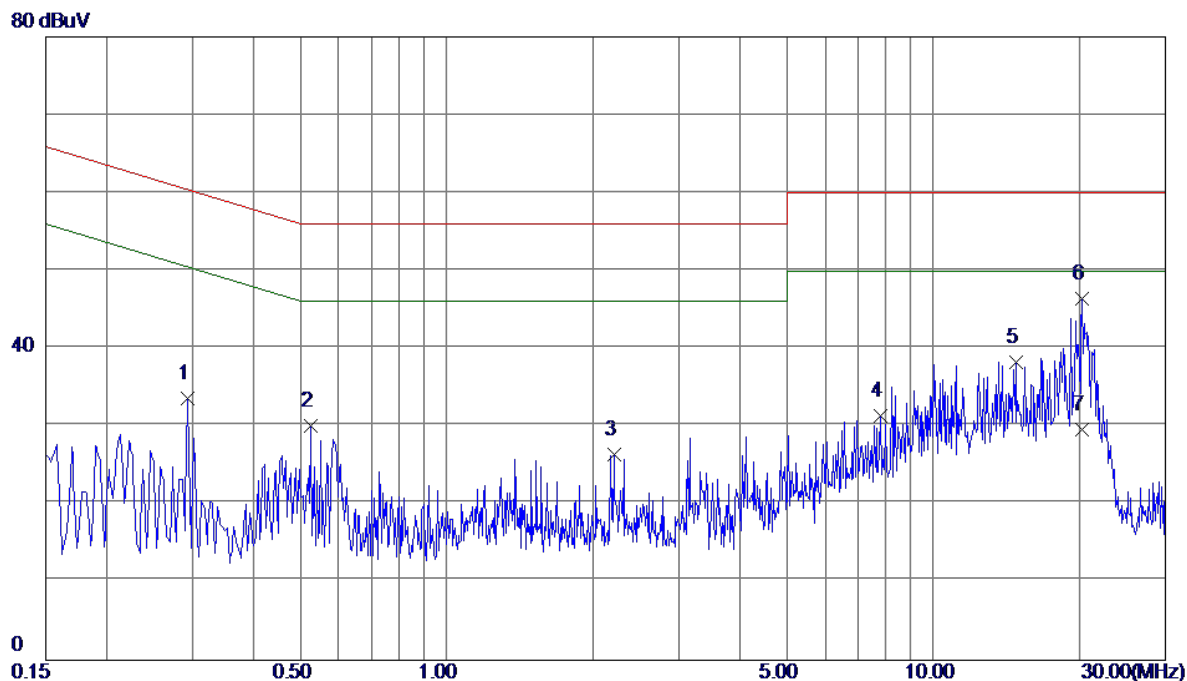
Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1780	44.77	9.50	54.27	64.58	-10.31	Peak	
2	0.1780	23.37	9.50	32.87	54.58	-21.71	AVG	
3	0.2940	37.70	9.58	47.28	60.41	-13.13	Peak	
4	0.2940	19.47	9.58	29.05	50.41	-21.36	AVG	
5	0.3700	35.80	9.54	45.34	58.50	-13.16	Peak	
6	0.3700	18.16	9.54	27.70	48.50	-20.80	AVG	
7	0.7460	35.34	9.56	44.90	56.00	-11.10	Peak	
8	0.7460	19.70	9.56	29.26	46.00	-16.74	AVG	
9	1.4260	31.37	9.77	41.14	56.00	-14.86	Peak	
10 *	11.4340	41.23	10.62	51.85	60.00	-8.15	Peak	
11	11.4340	24.30	10.62	34.92	50.00	-15.08	AVG	

Test Mode : TX Mode_Adapter:HUNTKEY

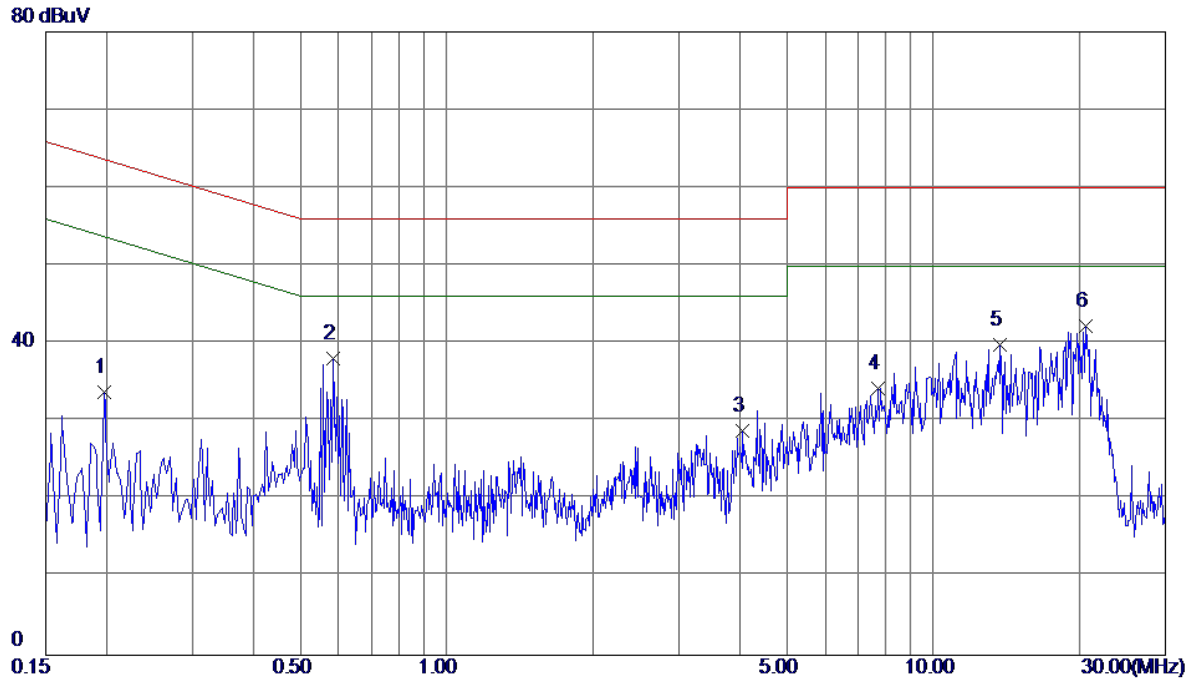
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.2940	24.04	9.58	33.62	60.41	-26.79	Peak	
2	0.5260	20.37	9.69	30.06	56.00	-25.94	Peak	
3	2.2060	16.26	10.10	26.36	56.00	-29.64	Peak	
4	7.8100	20.95	10.43	31.38	60.00	-28.62	Peak	
5	14.7860	27.51	10.69	38.20	60.00	-21.80	Peak	
6 *	20.1980	35.58	10.80	46.38	60.00	-13.62	Peak	
7	20.1980	18.75	10.80	29.55	50.00	-20.45	AVG	

Test Mode : TX Mode_Adapter:HUNTKEY

Neutral

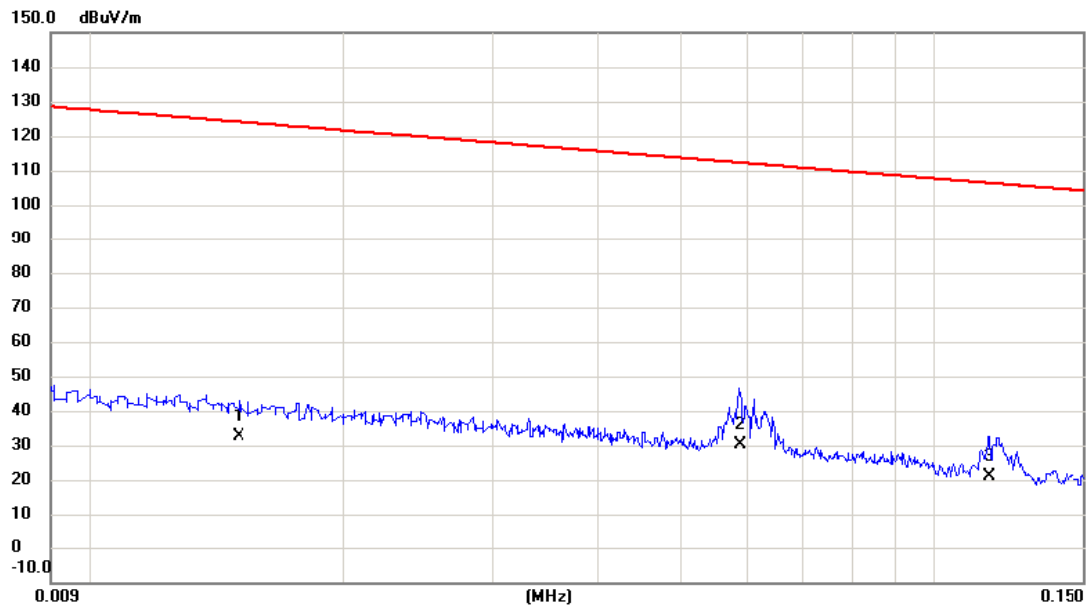


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1980	24.21	9.56	33.77	63.69	-29.92	Peak	
2	0.5860	28.64	9.50	38.14	56.00	-17.86	Peak	
3	4.0500	18.77	10.10	28.87	56.00	-27.13	Peak	
4	7.7140	23.98	10.30	34.28	60.00	-25.72	Peak	
5	13.7180	29.12	10.67	39.79	60.00	-20.21	Peak	
6 *	20.6100	31.28	10.91	42.19	60.00	-17.81	Peak	

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

Test Mode: TX B MODE CHANNEL 01_Adapter:BYD

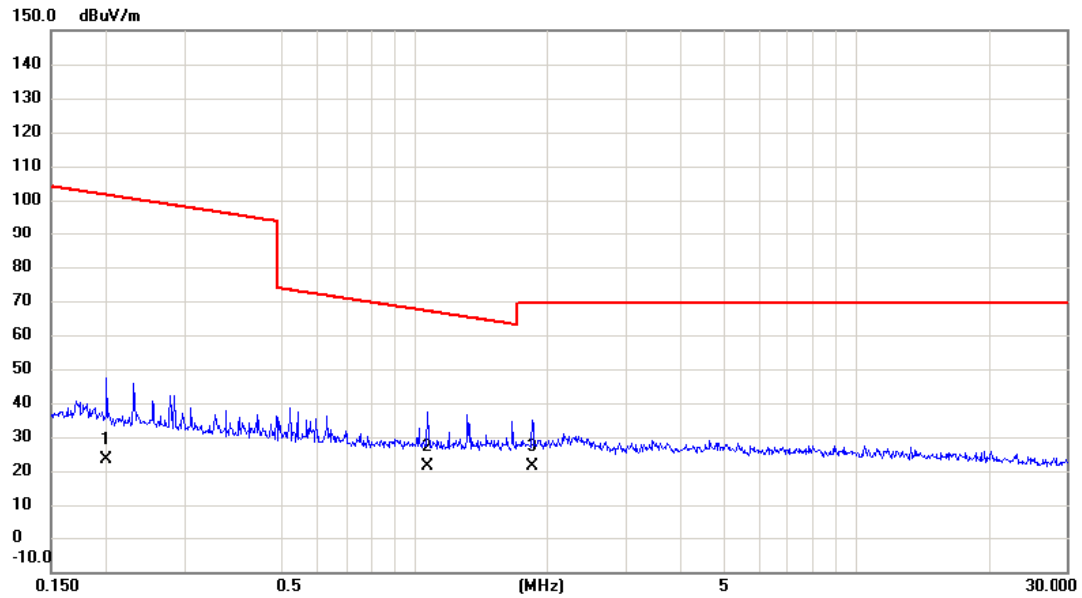
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
1		0.015	32.60	0.02	32.62	124.08	-91.46	AVG	
2	*	0.059	30.10	0.03	30.13	112.22	-82.09	AVG	
3		0.116	20.80	0.03	20.83	106.33	-85.50	AVG	

Test Mode: TX B MODE CHANNEL 01_Adapter:BYD

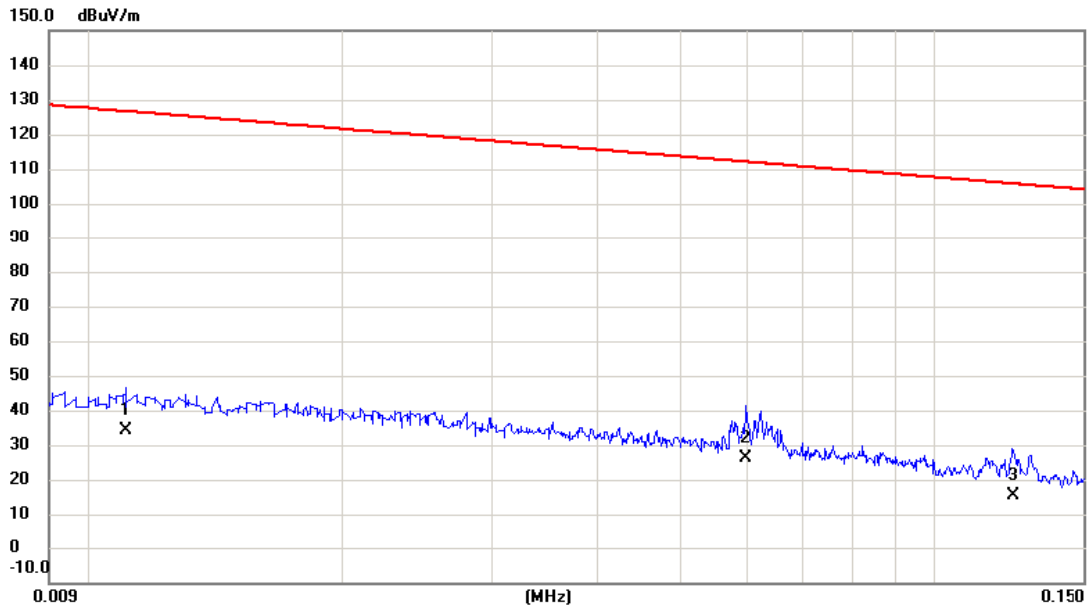
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.200	23.40	0.04	23.44	101.60	-78.16	AVG	
2	*	1.065	21.50	0.08	21.58	67.05	-45.47	QP	
3		1.848	21.30	0.10	21.40	69.54	-48.14	QP	

Test Mode: TX B MODE CHANNEL 01_Adapter:BYD

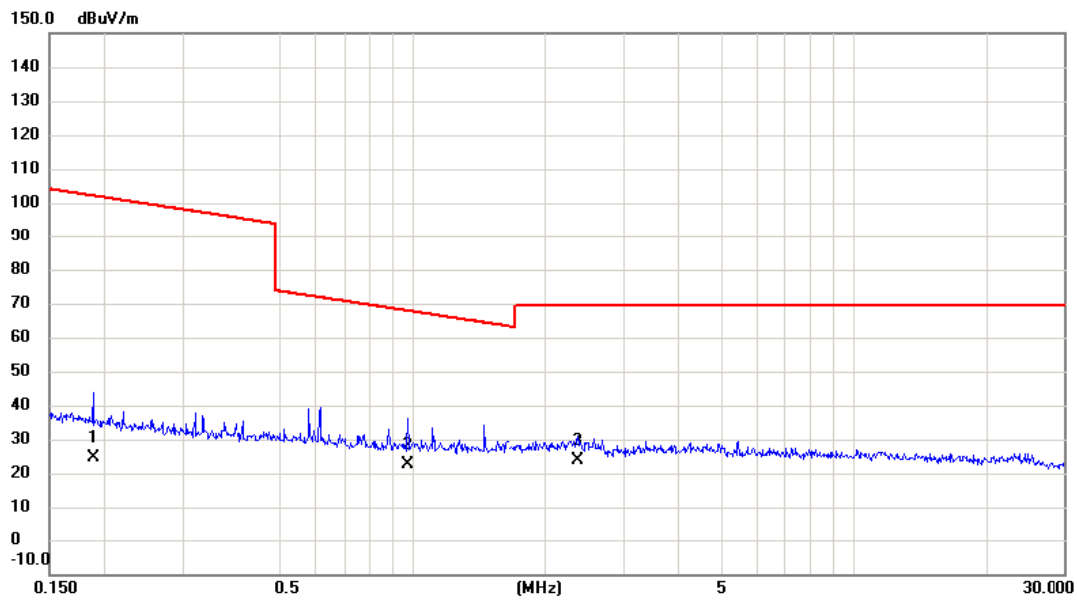
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.011	34.10	0.02	34.12	126.70	-92.58	AVG	
2	*	0.060	26.10	0.03	26.13	112.07	-85.94	AVG	
3		0.123	15.30	0.03	15.33	105.77	-90.44	AVG	

Test Mode: TX B MODE CHANNEL 01_Adapter:BYD

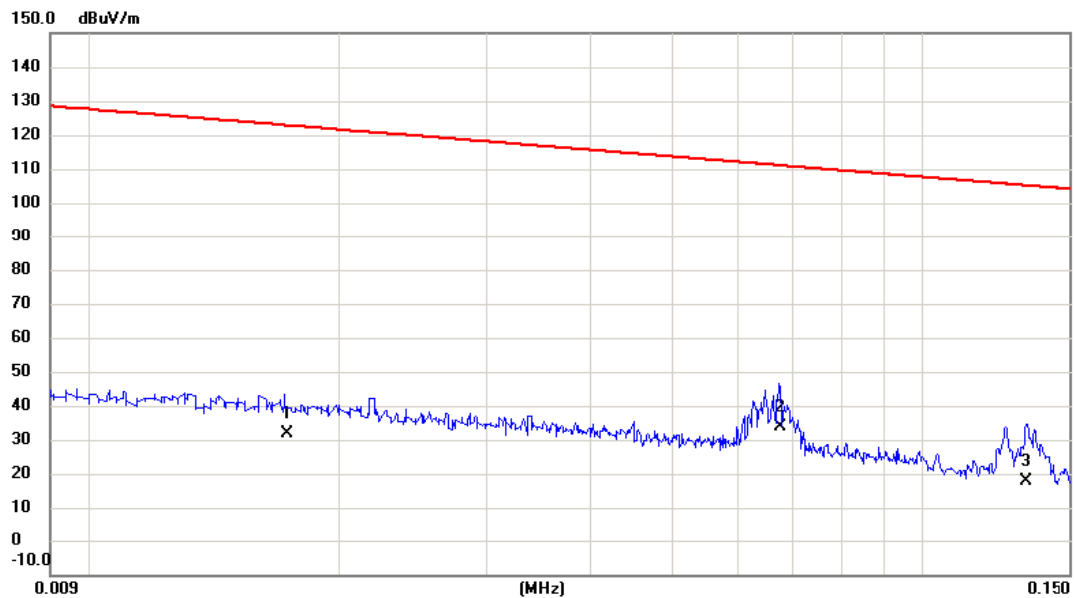
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.188	24.50	0.04	24.54	102.10	-77.56	AVG	
2	*	0.974	22.60	0.08	22.68	67.84	-45.16	QP	
3		2.371	23.50	0.11	23.61	69.54	-45.93	QP	

Test Mode: TX B MODE CHANNEL 01 _Adapter:PHITEK

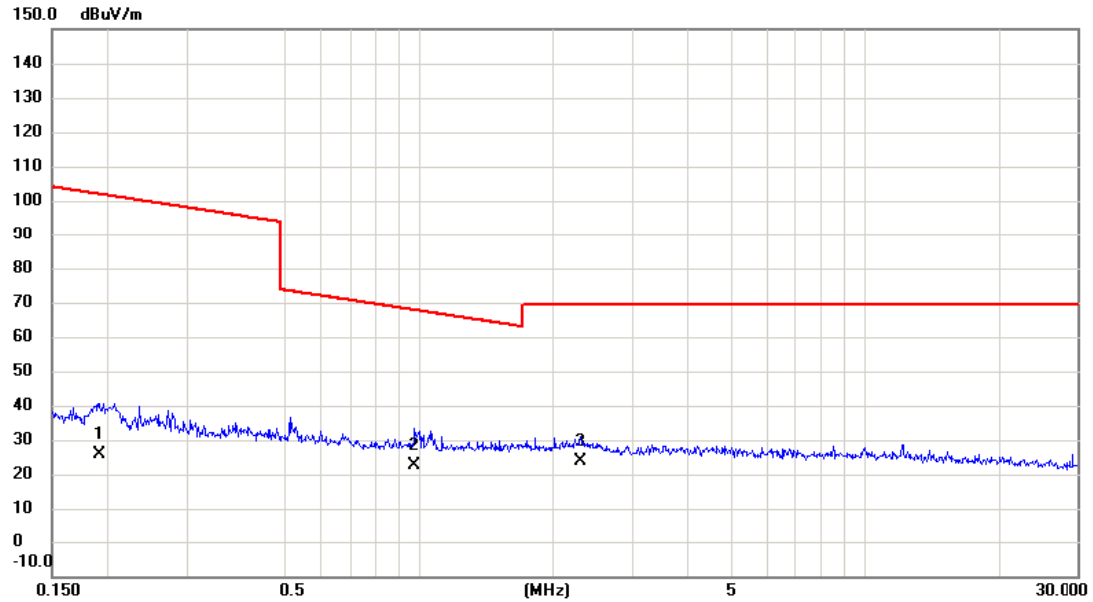
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.017	31.60	0.02	31.62	122.84	-91.22	AVG	
2	*	0.067	33.80	0.03	33.83	111.04	-77.21	AVG	
3		0.133	17.80	0.04	17.84	105.13	-87.29	AVG	

Test Mode: TX B MODE CHANNEL 01 _Adapter:PHITEK

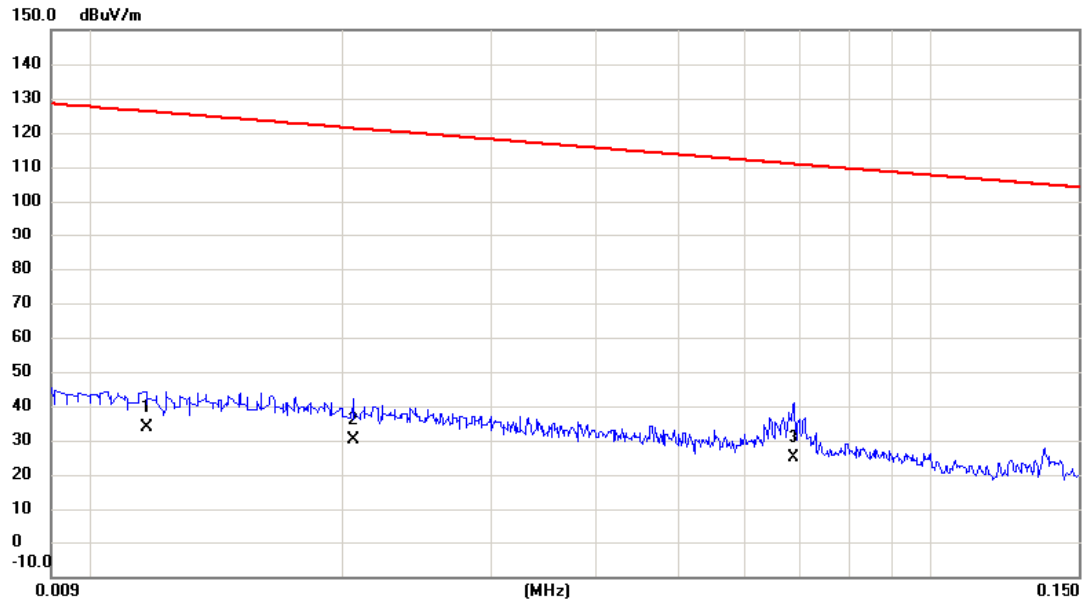
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.191	25.80	0.04	25.84	101.97	-76.13	AVG	
2	*	0.974	22.50	0.08	22.58	67.84	-45.26	QP	
3		2.297	23.60	0.11	23.71	69.54	-45.83	QP	

Test Mode: TX B MODE CHANNEL 01 _Adapter:PHITEK

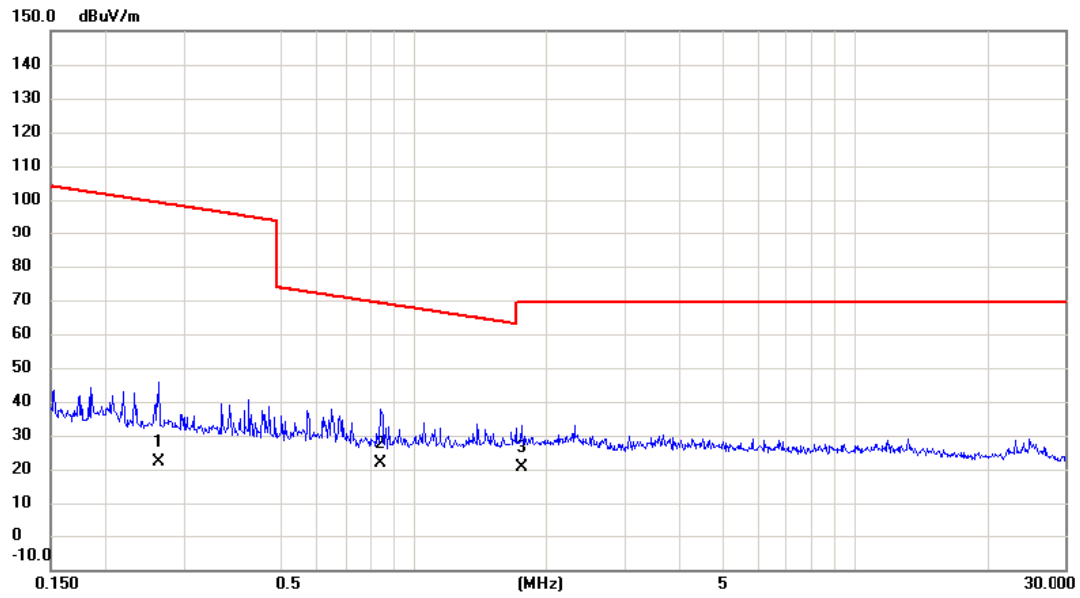
Ant 90°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.012	33.70	0.02	33.72	126.24	-92.52	AVG	
2		0.021	30.20	0.02	30.22	121.33	-91.11	AVG	
3	*	0.069	25.10	0.03	25.13	110.88	-85.75	AVG	

Test Mode: TX B MODE CHANNEL 01 _Adapter:PHITEK

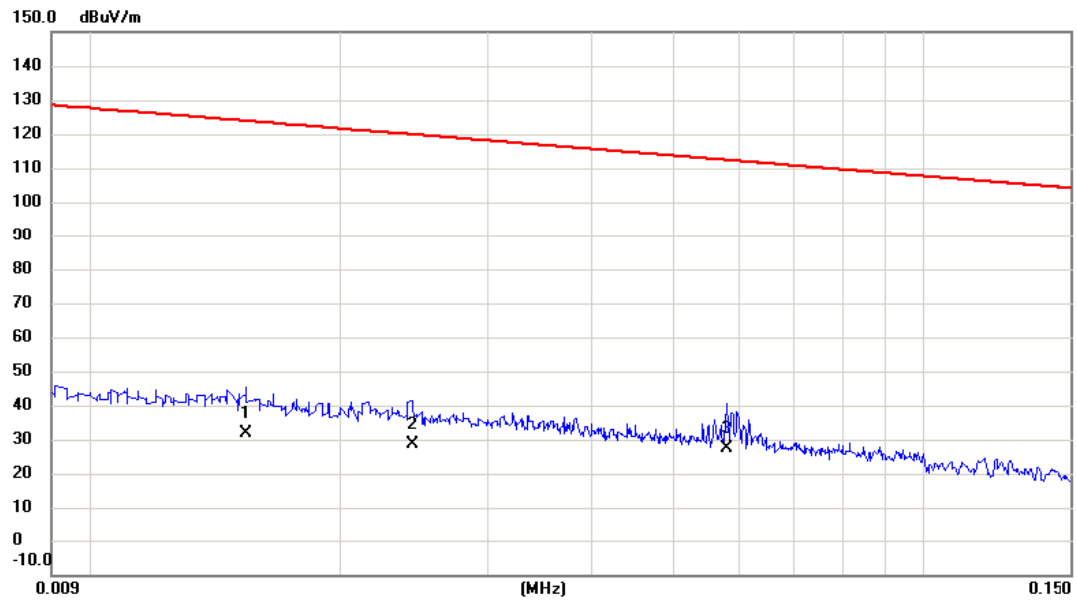
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.263	22.20	0.05	22.25	99.21	-76.96	AVG	
2	*	0.839	21.80	0.08	21.88	69.13	-47.25	QP	
3		1.753	20.60	0.10	20.70	69.54	-48.84	QP	

Test Mode: TX B MODE CHANNEL 01_Adapter:HUNTKEY

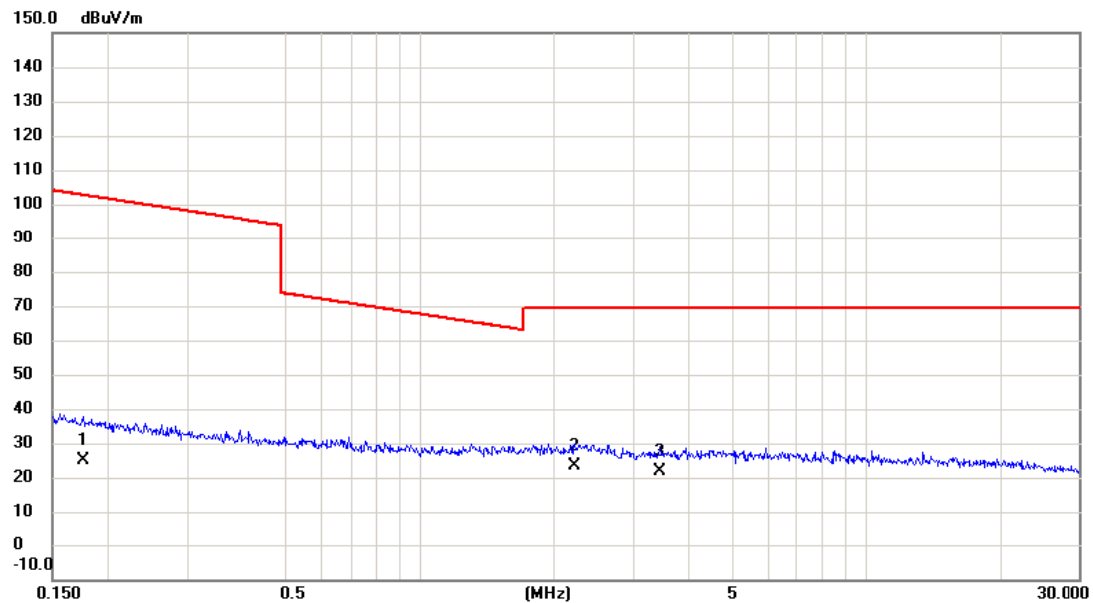
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.015	31.80	0.02	31.82	123.85	-92.03	AVG	
2		0.024	28.50	0.02	28.52	119.86	-91.34	AVG	
3	*	0.058	27.30	0.03	27.33	112.34	-85.01	AVG	

Test Mode: TX B MODE CHANNEL 01_Adapter:HUNTKEY

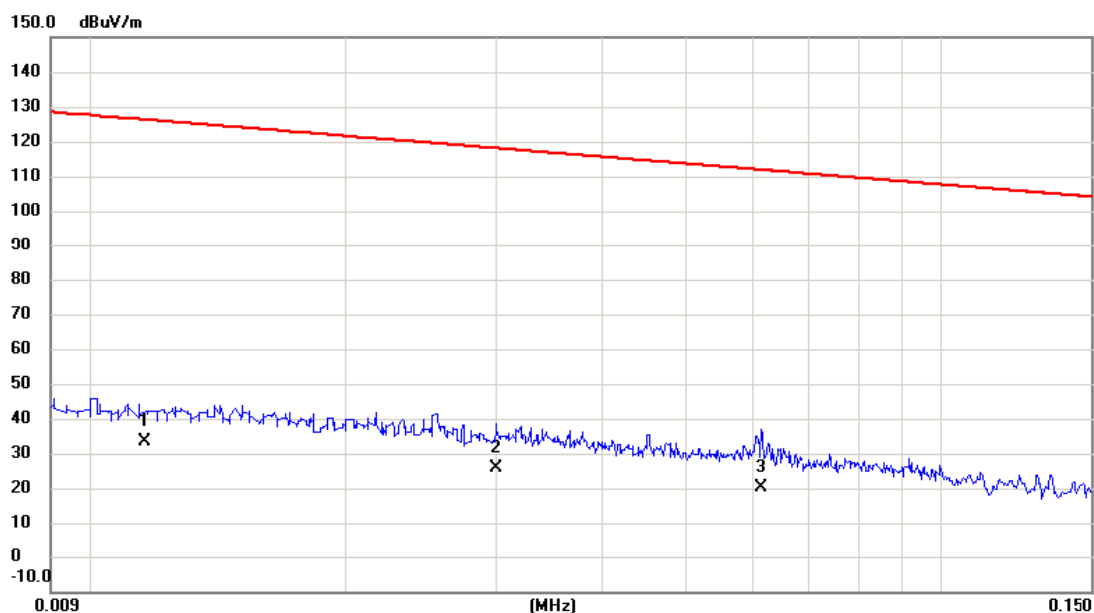
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.176	25.10	0.04	25.14	102.71	-77.57	AVG	
2	*	2.225	23.40	0.11	23.51	69.54	-46.03	QP	
3		3.436	21.80	0.14	21.94	69.54	-47.60	QP	

Test Mode: TX B MODE CHANNEL 01_Adapter:HUNTKEY

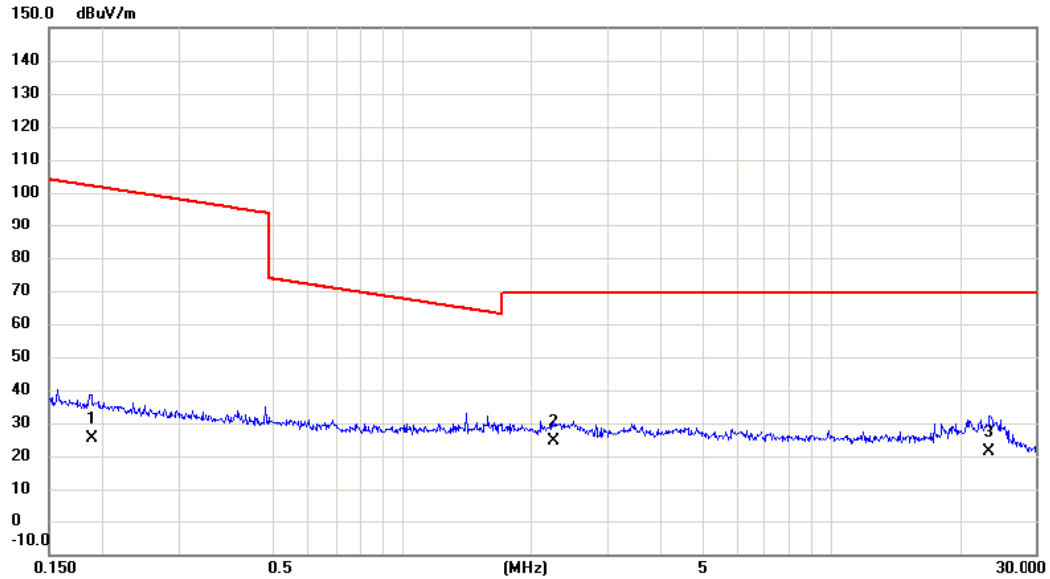
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.012	33.50	0.02	33.52	126.32	-92.80	AVG	
2		0.030	25.80	0.02	25.82	118.06	-92.24	AVG	
3	*	0.061	20.10	0.03	20.13	111.86	-91.73	AVG	

Test Mode: TX B MODE CHANNEL 01_Adapter:HUNTKEY

Ant 90°

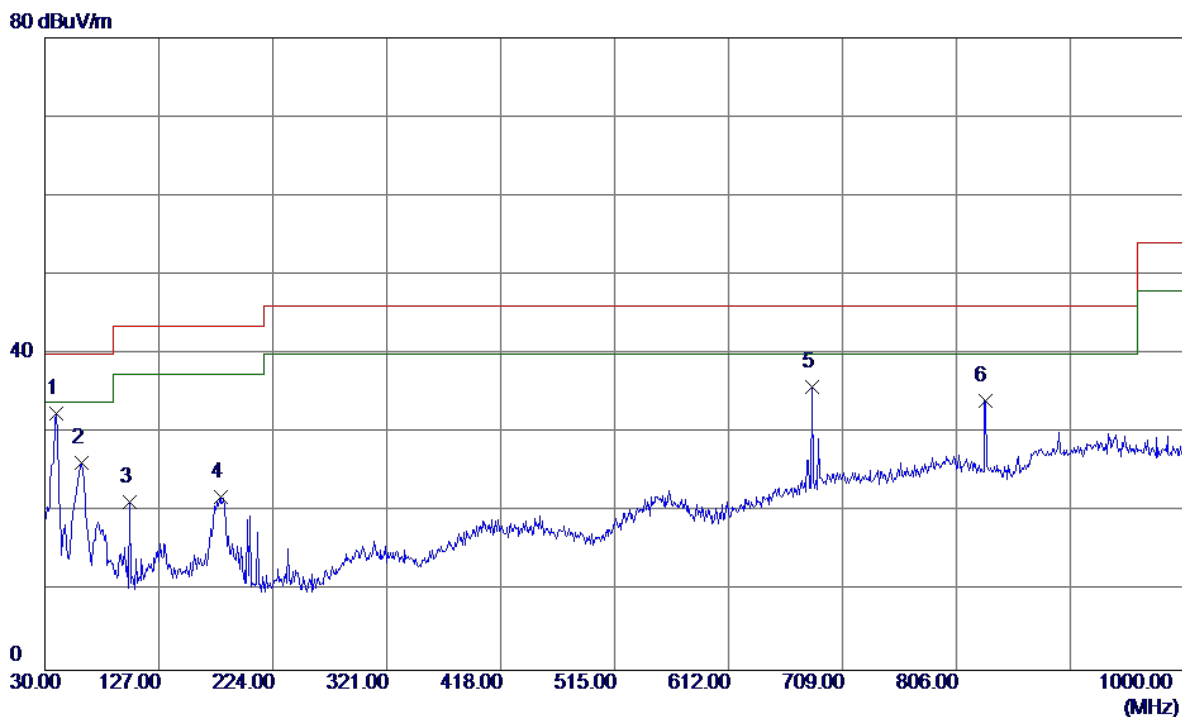


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.188	25.30	0.04	25.34	102.10	-76.76	AVG	
2	*	2.249	24.50	0.11	24.61	69.54	-44.93	QP	
3		23.263	21.10	0.37	21.47	69.54	-48.07	QP	

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

Test Mode: TX B MODE CHANNEL 01_Adapter:BYD

Vertical

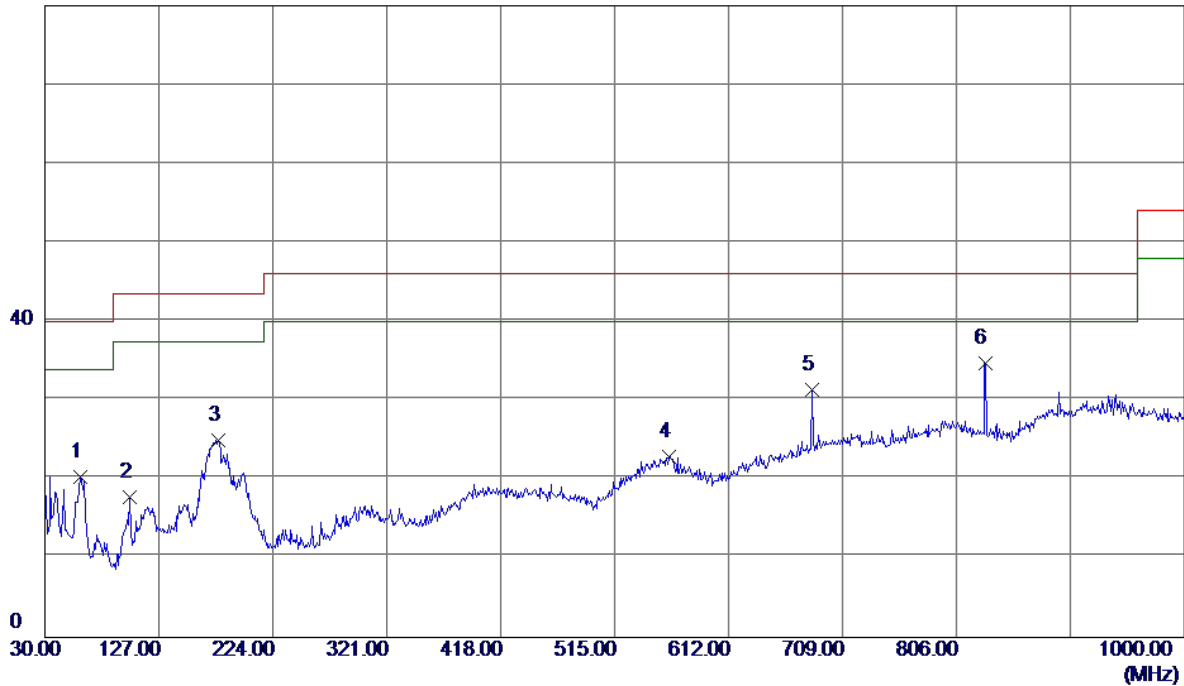


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	39.7000	46.43	-13.95	32.48	40.00	-7.52	Peak	
2	61.0400	40.19	-14.02	26.17	40.00	-13.83	Peak	
3	101.7800	36.60	-15.32	21.28	43.50	-22.22	Peak	
4	179.3800	34.66	-12.80	21.86	43.50	-21.64	Peak	
5	682.8100	38.68	-2.82	35.86	46.00	-10.14	Peak	
6	830.2500	34.74	-0.65	34.09	46.00	-11.91	Peak	

Test Mode: TX B MODE CHANNEL 01_Adapter:BYD

Horizontal

80 dBuV/m

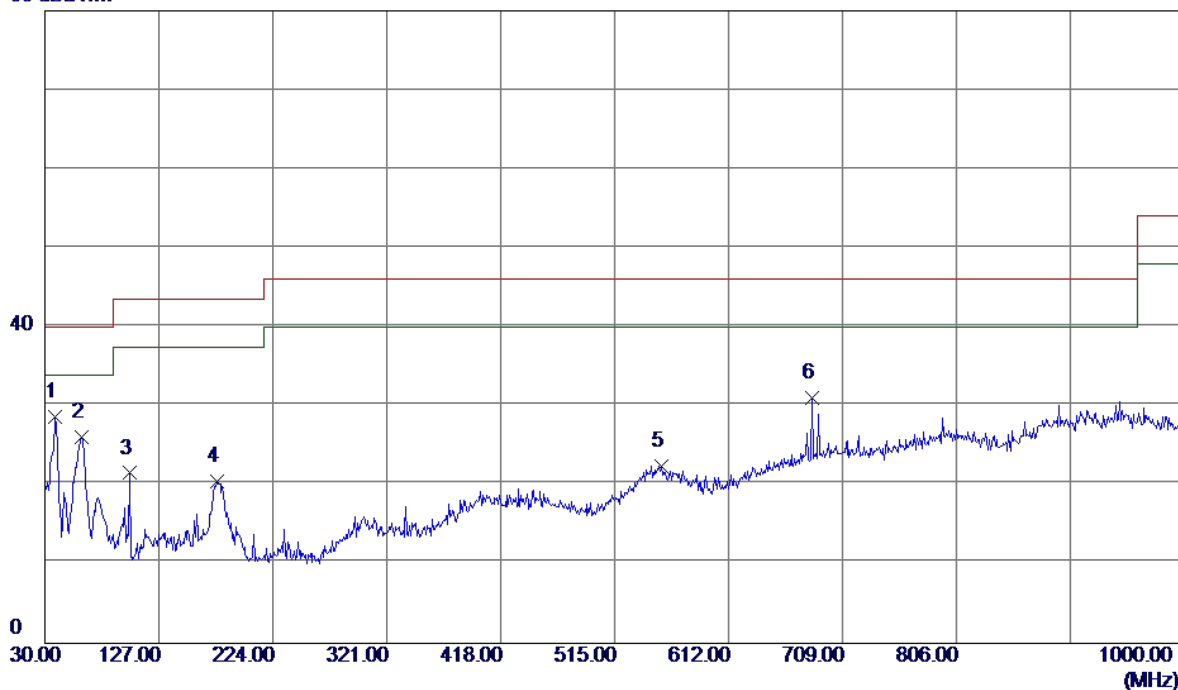


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	60.0700	34.05	-13.74	20.31	40.00	-19.69	Peak	
2	101.7800	33.12	-15.32	17.80	43.50	-25.70	Peak	
3	177.4400	37.66	-12.69	24.97	43.50	-18.53	Peak	
4	561.5600	28.07	-5.12	22.95	46.00	-23.05	Peak	
5	682.8100	34.15	-2.82	31.33	46.00	-14.67	Peak	
6 *	830.2500	35.42	-0.65	34.77	46.00	-11.23	Peak	

Test Mode: TX B MODE CHANNEL 11_Adapter:BYD

Vertical

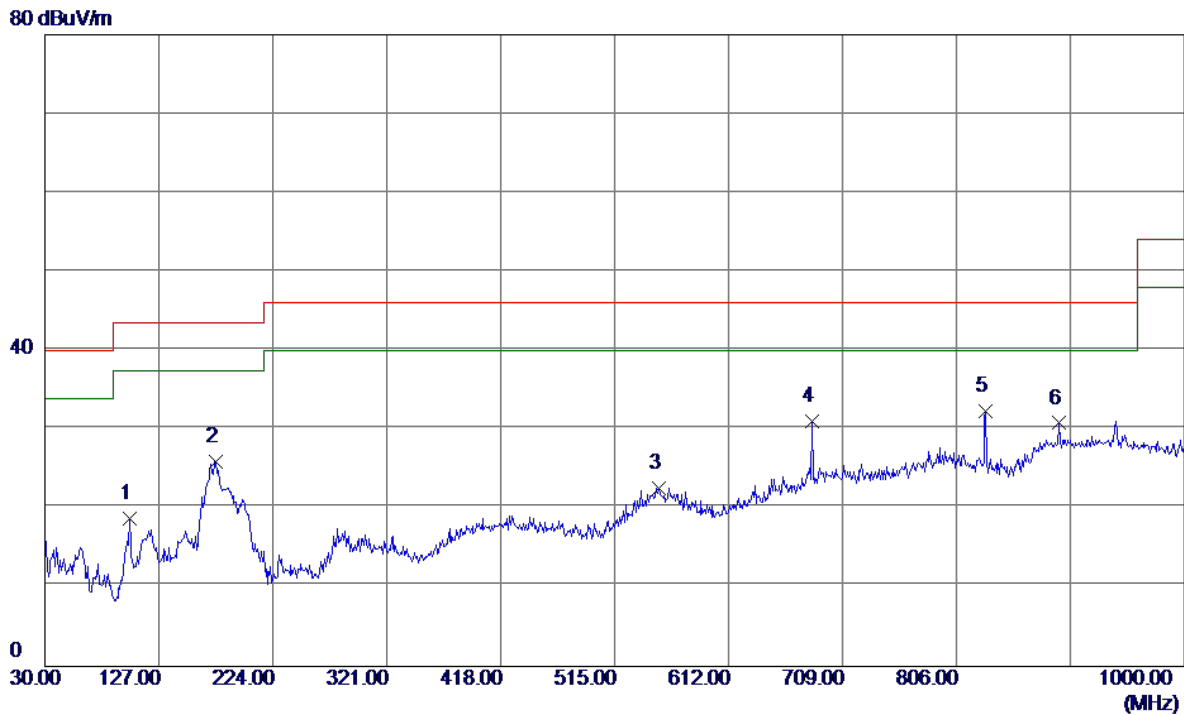
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	38.7300	42.67	-14.06	28.61	40.00	-11.39	Peak	
2	61.0400	40.08	-14.02	26.06	40.00	-13.94	Peak	
3	101.7800	36.84	-15.32	21.52	43.50	-21.98	Peak	
4	176.4700	33.15	-12.63	20.52	43.50	-22.98	Peak	
5	554.7700	27.24	-4.78	22.46	46.00	-23.54	Peak	
6	682.8100	33.81	-2.82	30.99	46.00	-15.01	Peak	

Test Mode:	TX B MODE CHANNEL 11_Adapter:BYD
------------	----------------------------------

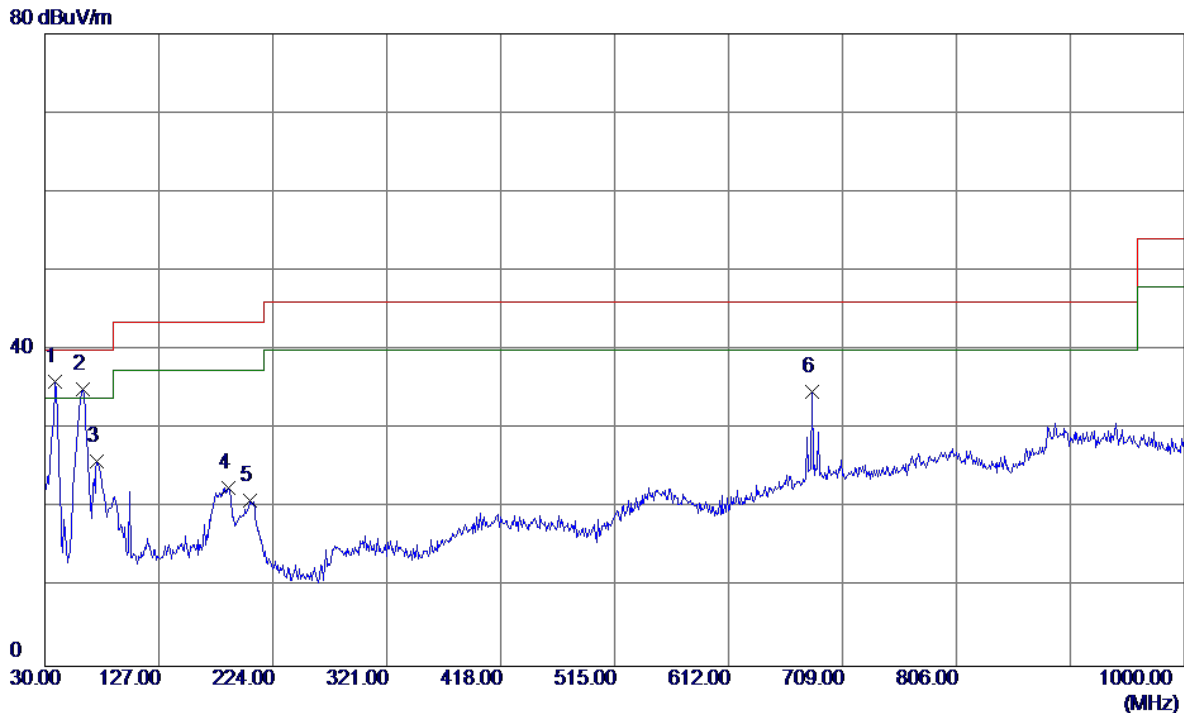
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	101.7800	34.03	-15.32	18.71	43.50	-24.79	Peak	
2	175.5000	38.53	-12.57	25.96	43.50	-17.54	Peak	
3	552.8300	27.27	-4.68	22.59	46.00	-23.41	Peak	
4	682.8100	33.81	-2.82	30.99	46.00	-15.01	Peak	
5 *	831.2199	32.93	-0.68	32.25	46.00	-13.75	Peak	
6	893.3000	28.68	2.12	30.80	46.00	-15.20	Peak	

Test Mode: TX B MODE CHANNEL 01 _Adapter:PHITEK

Vertical

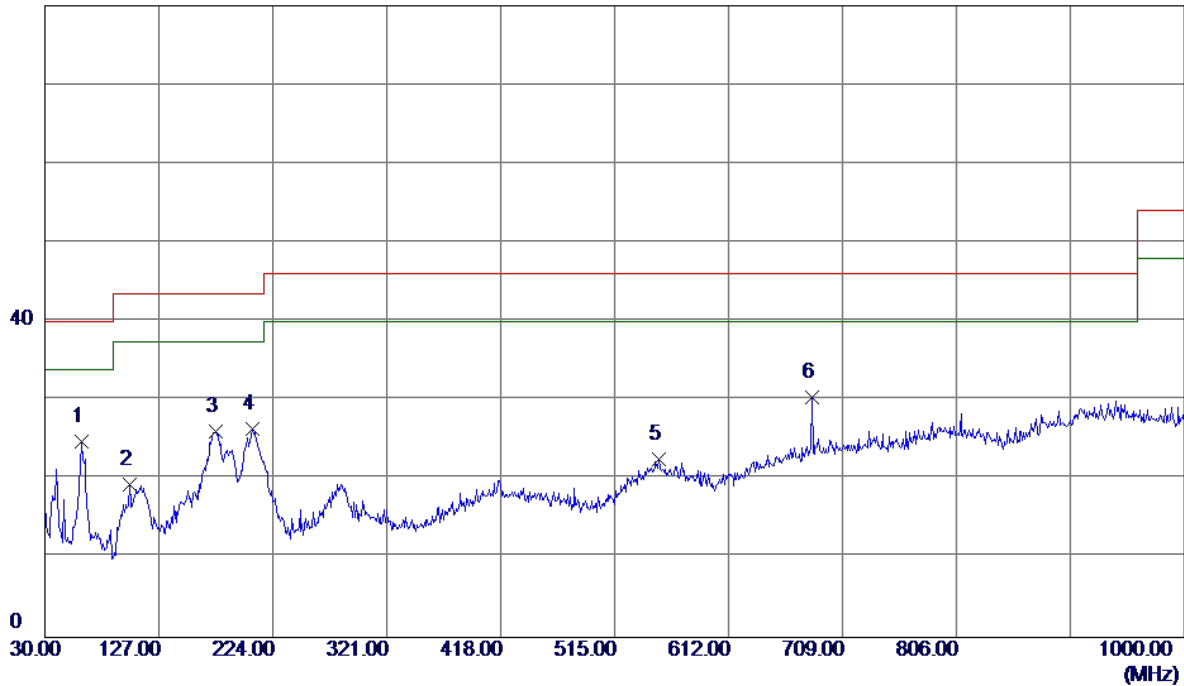


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	38.7300	50.01	-14.06	35.95	40.00	-4.05	Peak	
2	62.0100	49.33	-14.30	35.03	40.00	-4.97	Peak	
3	74.6200	42.49	-16.58	25.91	40.00	-14.09	Peak	
4	186.1700	36.06	-13.51	22.55	43.50	-20.95	Peak	
5	204.6000	35.55	-14.53	21.02	43.50	-22.48	Peak	
6	682.8100	37.47	-2.82	34.65	46.00	-11.35	Peak	

Test Mode: TX B MODE CHANNEL 01 _Adapter:PHITEK

Horizontal

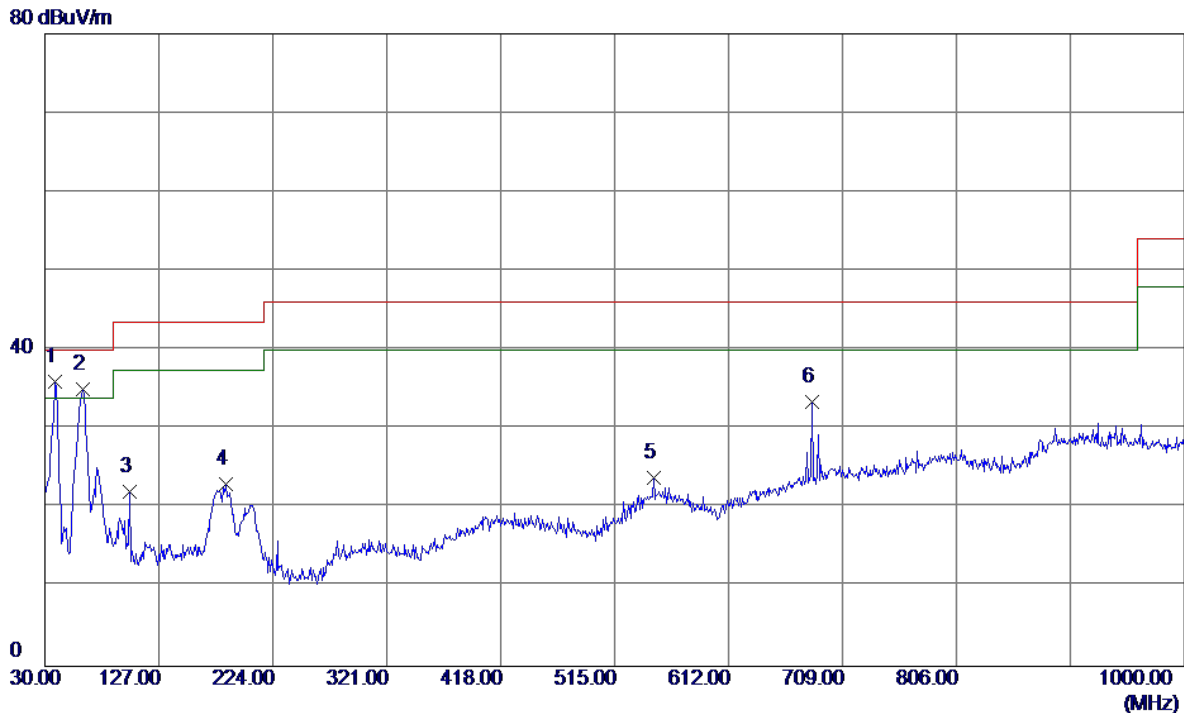
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	61.0400	38.85	-14.02	24.83	40.00	-15.17	Peak	
2	101.7800	34.71	-15.32	19.39	43.50	-24.11	Peak	
3	175.5000	38.59	-12.57	26.02	43.50	-17.48	Peak	
4	206.5399	40.99	-14.57	26.42	43.50	-17.08	Peak	
5	552.8300	27.21	-4.68	22.53	46.00	-23.47	Peak	
6	682.8100	33.17	-2.82	30.35	46.00	-15.65	Peak	

Test Mode: TX B MODE CHANNEL 11 _Adapter:PHITEK

Vertical

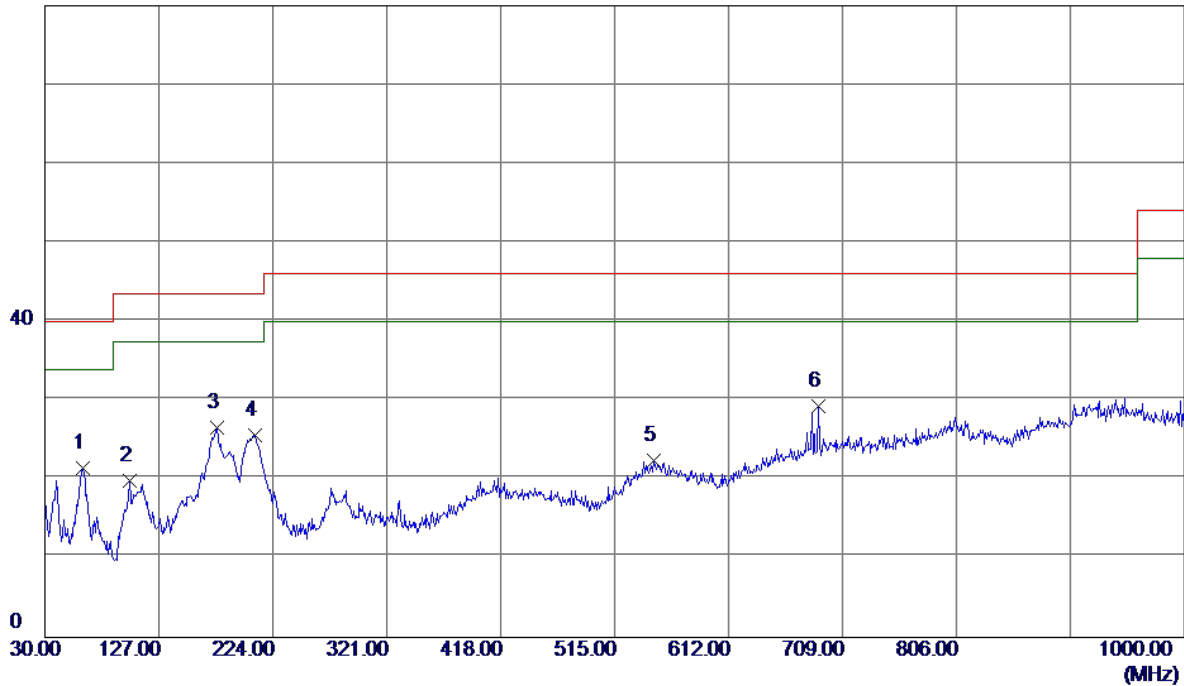


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	38.7300	50.00	-14.06	35.94	40.00	-4.06	Peak	
2	62.0100	49.35	-14.30	35.05	40.00	-4.95	Peak	
3	101.7800	37.38	-15.32	22.06	43.50	-21.44	Peak	
4	184.2300	36.34	-13.30	23.04	43.50	-20.46	Peak	
5	547.9800	28.59	-4.75	23.84	46.00	-22.16	Peak	
6	682.8100	36.20	-2.82	33.38	46.00	-12.62	Peak	

Test Mode: TX B MODE CHANNEL 11 _Adapter:PHITEK

Horizontal

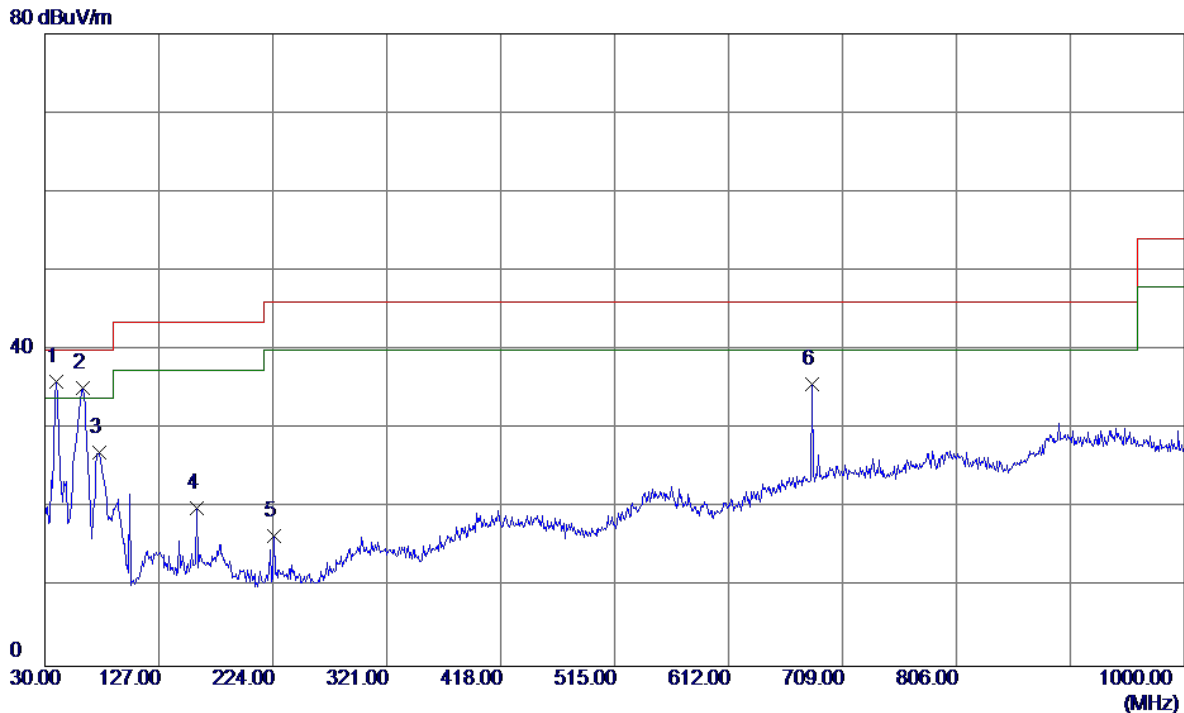
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	62.0100	35.80	-14.30	21.50	40.00	-18.50	Peak	
2	101.7800	35.23	-15.32	19.91	43.50	-23.59	Peak	
3	176.4700	39.16	-12.63	26.53	43.50	-16.97	Peak	
4	208.4800	40.23	-14.61	25.62	43.50	-17.88	Peak	
5	547.9800	27.14	-4.75	22.39	46.00	-23.61	Peak	
6 *	688.6300	31.78	-2.57	29.21	46.00	-16.79	Peak	

Test Mode: TX B MODE CHANNEL 01_Adapter:HUNTKEY

Vertical

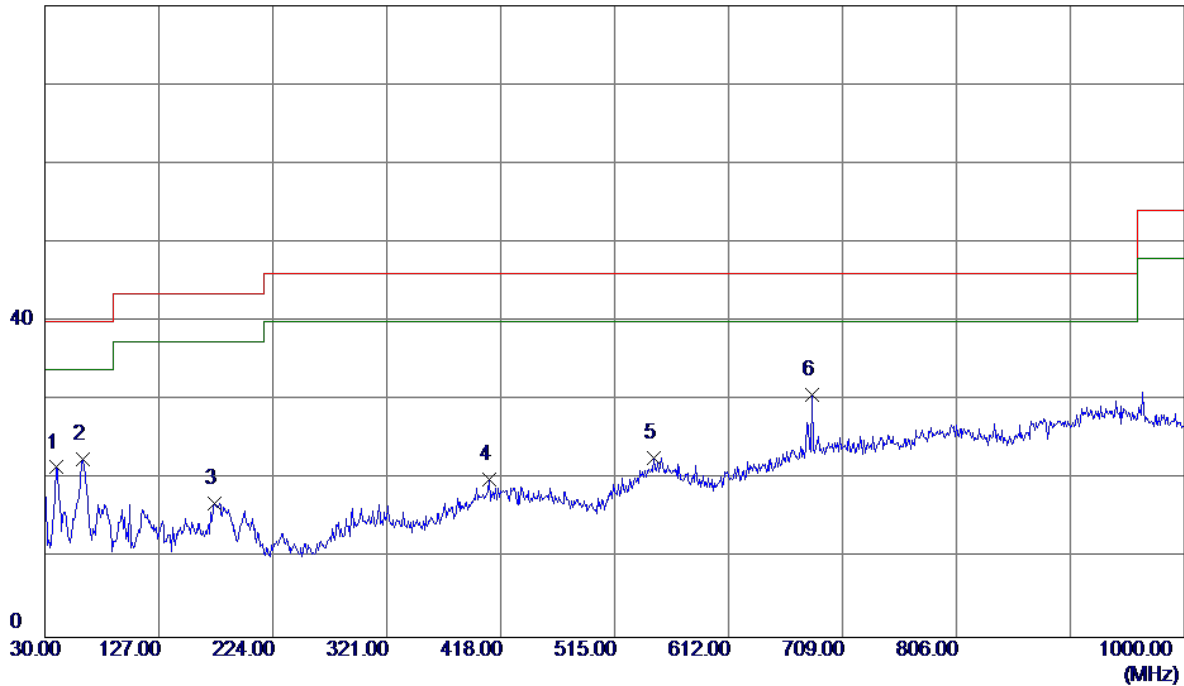


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	39.7000	49.91	-13.95	35.96	40.00	-4.04	Peak	
2	62.0100	49.55	-14.30	35.25	40.00	-4.75	Peak	
3	76.5600	43.44	-16.42	27.02	40.00	-12.98	Peak	
4	159.0100	32.16	-12.23	19.93	43.50	-23.57	Peak	
5	224.9700	30.24	-13.82	16.42	46.00	-29.58	Peak	
6	682.8100	38.52	-2.82	35.70	46.00	-10.30	Peak	

Test Mode: TX B MODE CHANNEL 01_Adapter:HUNTKEY

Horizontal

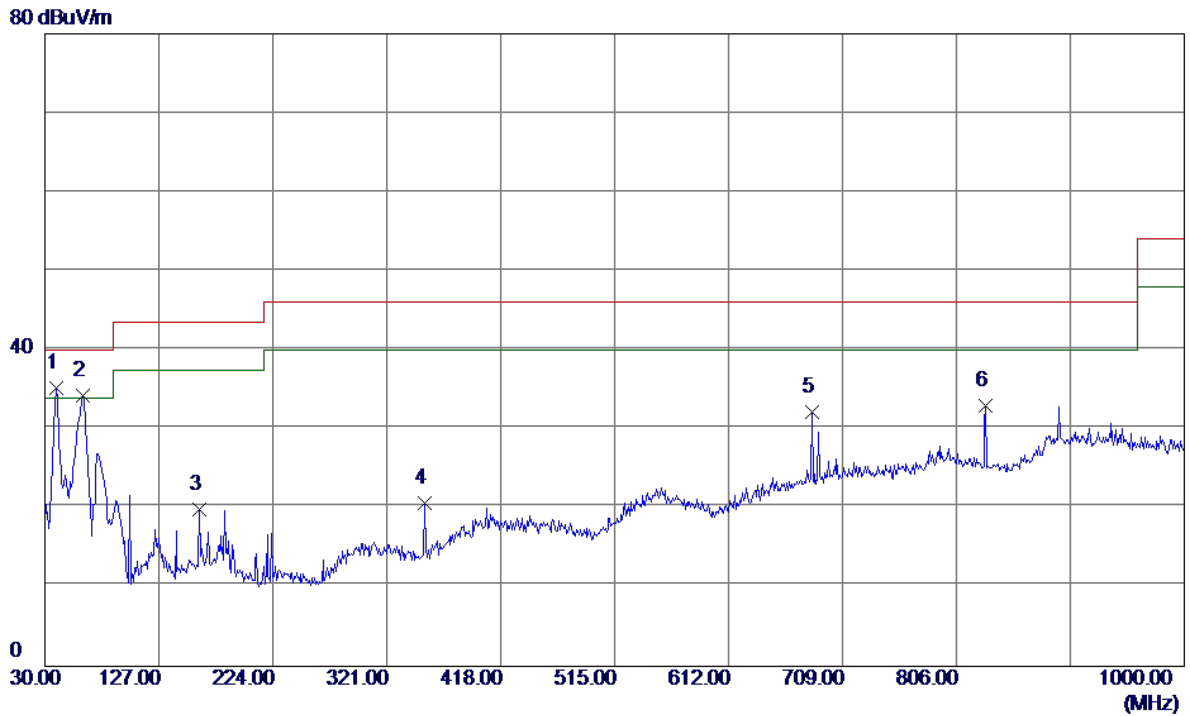
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	39.7000	35.47	-13.95	21.52	40.00	-18.48	Peak	
2	62.0100	36.85	-14.30	22.55	40.00	-17.45	Peak	
3	174.5300	29.44	-12.51	16.93	43.50	-26.57	Peak	
4	408.3000	27.83	-7.82	20.01	46.00	-25.99	Peak	
5	547.9800	27.48	-4.75	22.73	46.00	-23.27	Peak	
6 *	682.8100	33.55	-2.82	30.73	46.00	-15.27	Peak	

Test Mode: TX B MODE CHANNEL 11_Adapter:HUNTKEY

Vertical

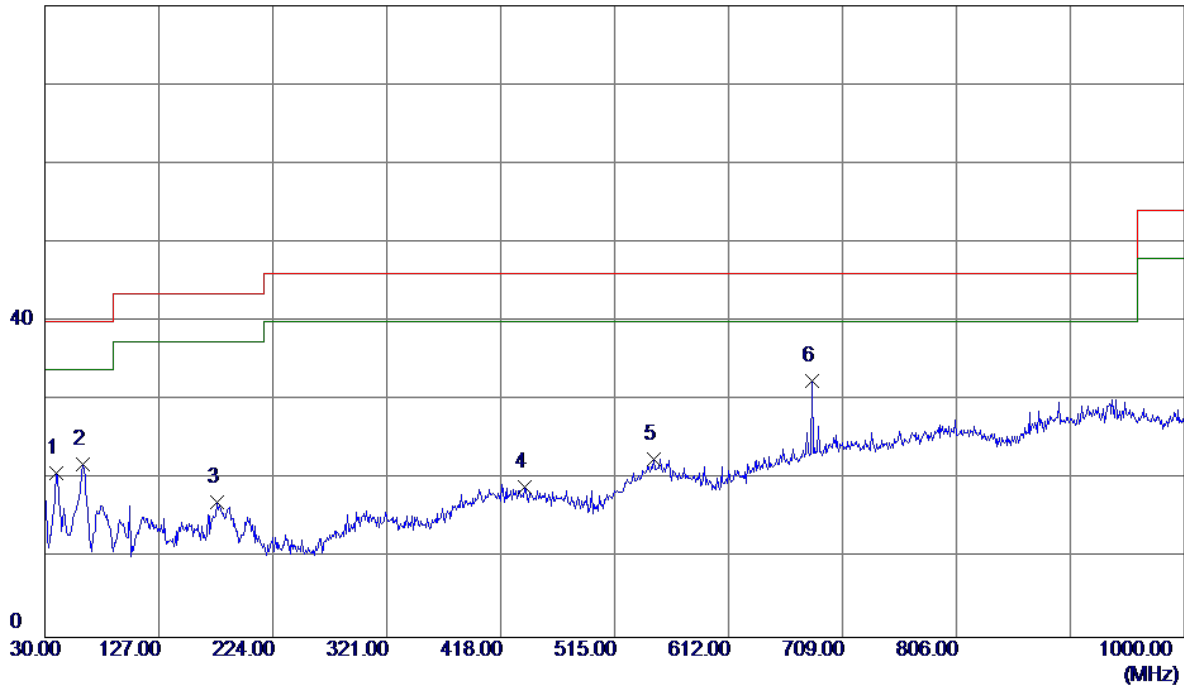


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	39.7000	49.12	-13.95	35.17	40.00	-4.83	Peak	
2	62.0100	48.60	-14.30	34.30	40.00	-5.70	Peak	
3	161.9200	32.06	-12.16	19.90	43.50	-23.60	Peak	
4	353.0100	31.67	-11.01	20.66	46.00	-25.34	Peak	
5	682.8100	34.94	-2.82	32.12	46.00	-13.88	Peak	
6	831.2199	33.70	-0.68	33.02	46.00	-12.98	Peak	

Test Mode: TX B MODE CHANNEL 11_Adapter:HUNTKEY

Horizontal

80 dBuV/m

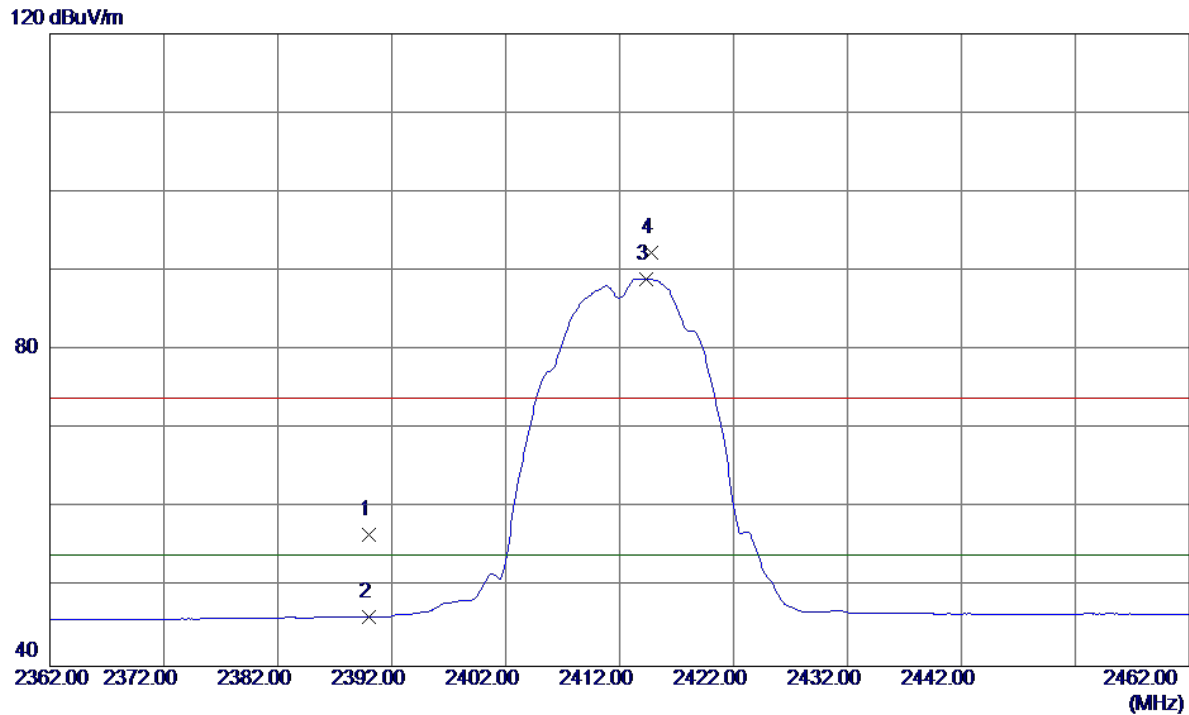


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	39.7000	34.75	-13.95	20.80	40.00	-19.20	Peak	
2	62.0100	36.22	-14.30	21.92	40.00	-18.08	Peak	
3	176.4700	29.75	-12.63	17.12	43.50	-26.38	Peak	
4	438.3700	26.97	-7.95	19.02	46.00	-26.98	Peak	
5	547.9800	27.27	-4.75	22.52	46.00	-23.48	Peak	
6 *	682.8100	35.36	-2.82	32.54	46.00	-13.46	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

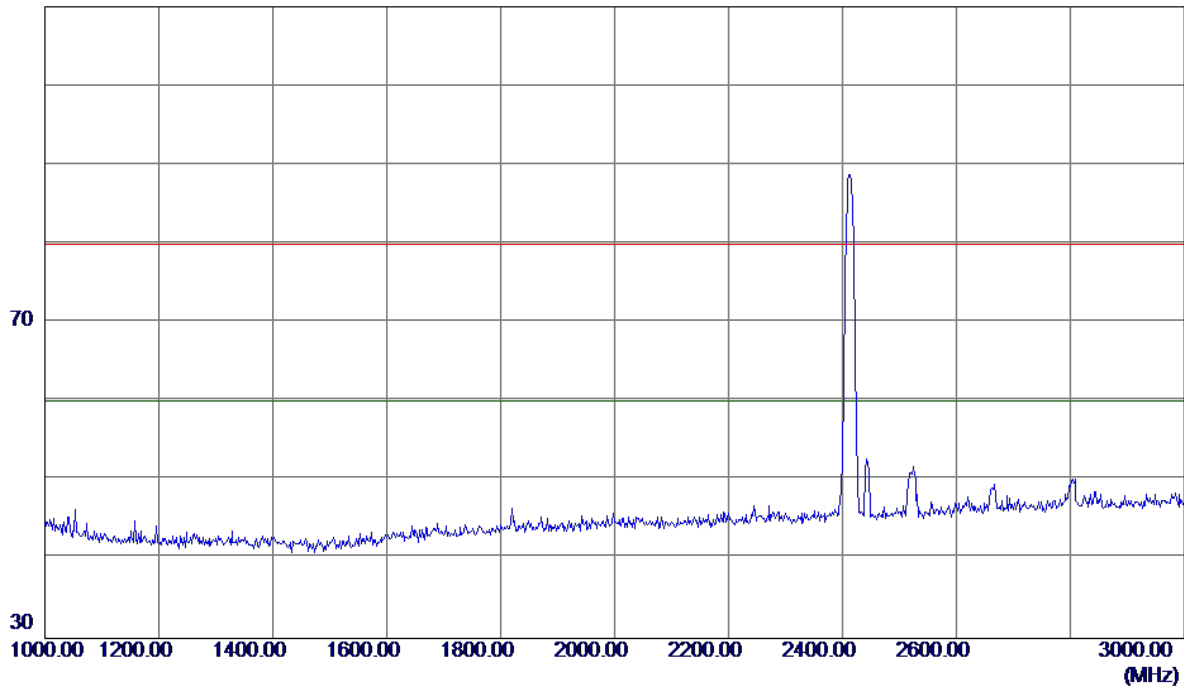


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.64	33.01	56.65	74.00	-17.35	Peak	
2	2390.0000	13.20	33.01	46.21	54.00	-7.79	AVG	
3 *	2414.3000	55.92	33.11	89.03	54.00	35.03	AVG	No Limit
4	2414.8000	59.20	33.11	92.31	74.00	18.31	Peak	No Limit

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

Vertical

110 dBuV/m

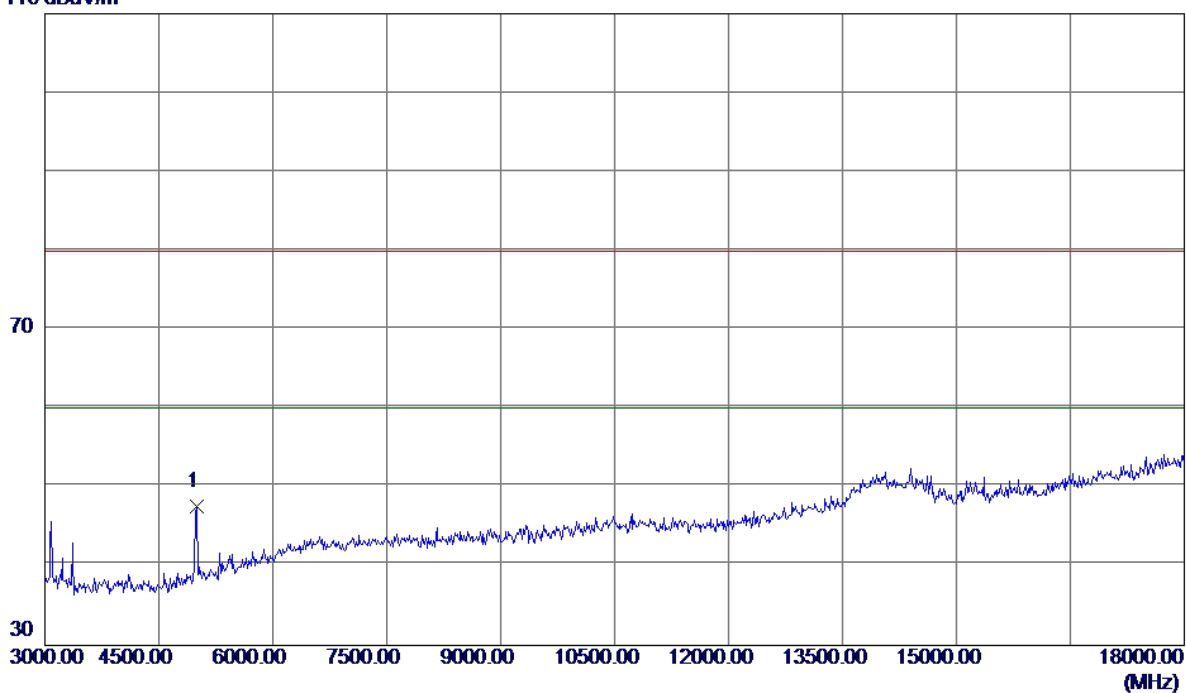


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

110 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4995.0000	42.05	5.58	47.63	80.00	-32.37	Peak	

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

Vertical

110 dBuV/m

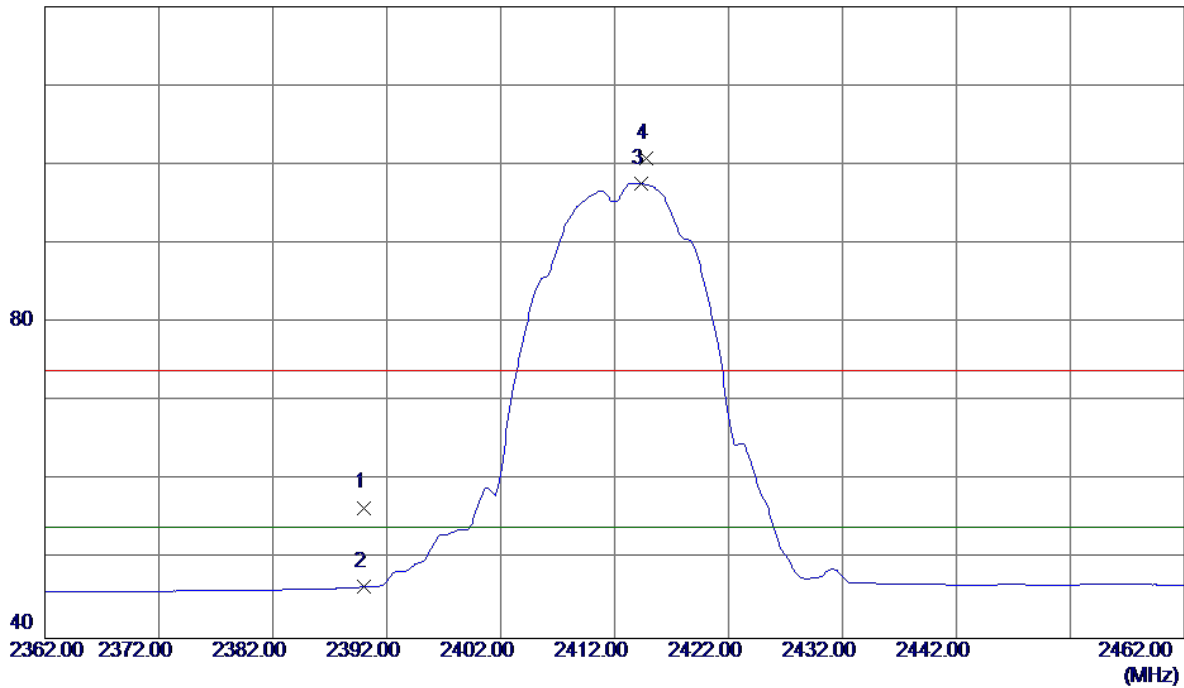


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
-----	--------------	----------------------------	-------------------------	---------------------------	-----------------	--------------	----------	---------

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

Horizontal

120 dBuV/m

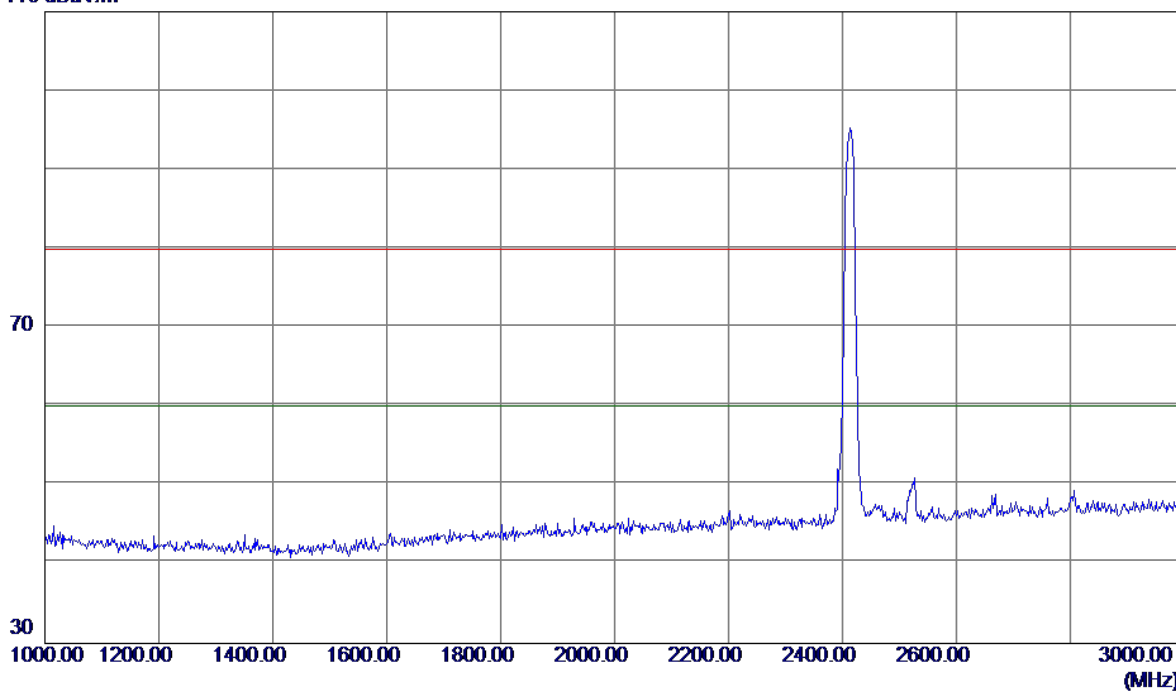


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.55	33.01	56.56	74.00	-17.44	Peak	
2	2390.0000	13.50	33.01	46.51	54.00	-7.49	AVG	
3 *	2414.3000	64.51	33.11	97.62	54.00	43.62	AVG	No Limit
4	2414.8000	67.68	33.11	100.79	74.00	26.79	Peak	No Limit

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

Horizontal

110 dBuV/m

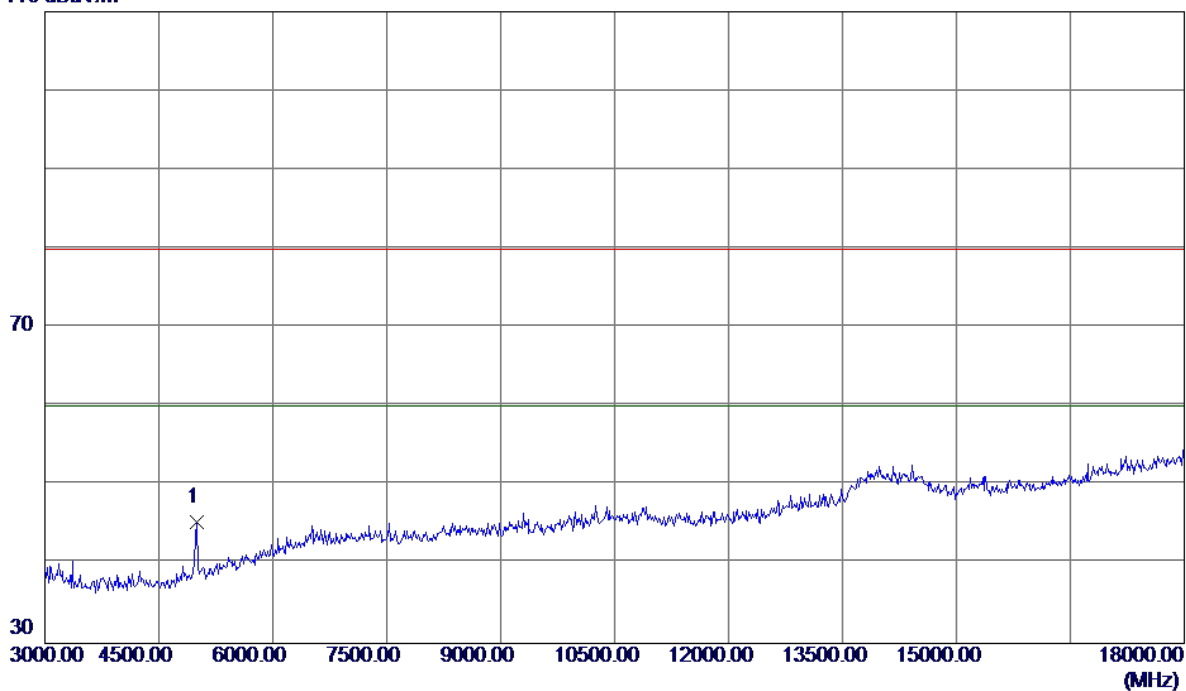


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

110 dBuV/m

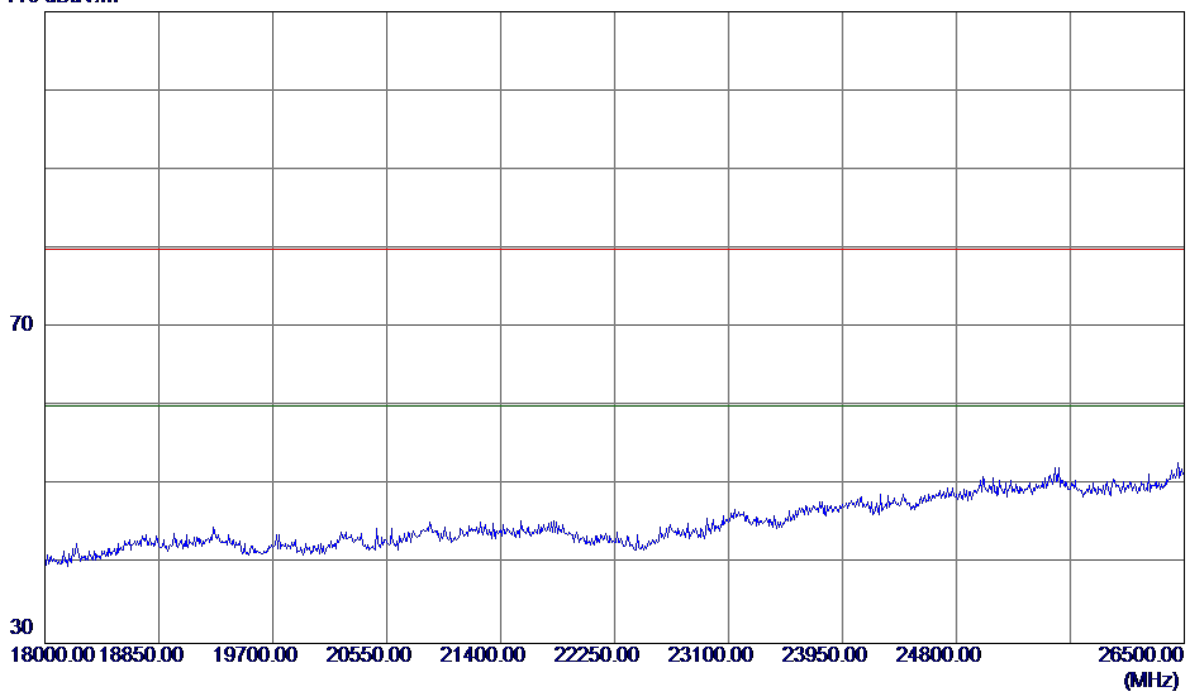


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4995.0000	39.82	5.58	45.40	80.00	-34.60	Peak	

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

Horizontal

110 dBuV/m

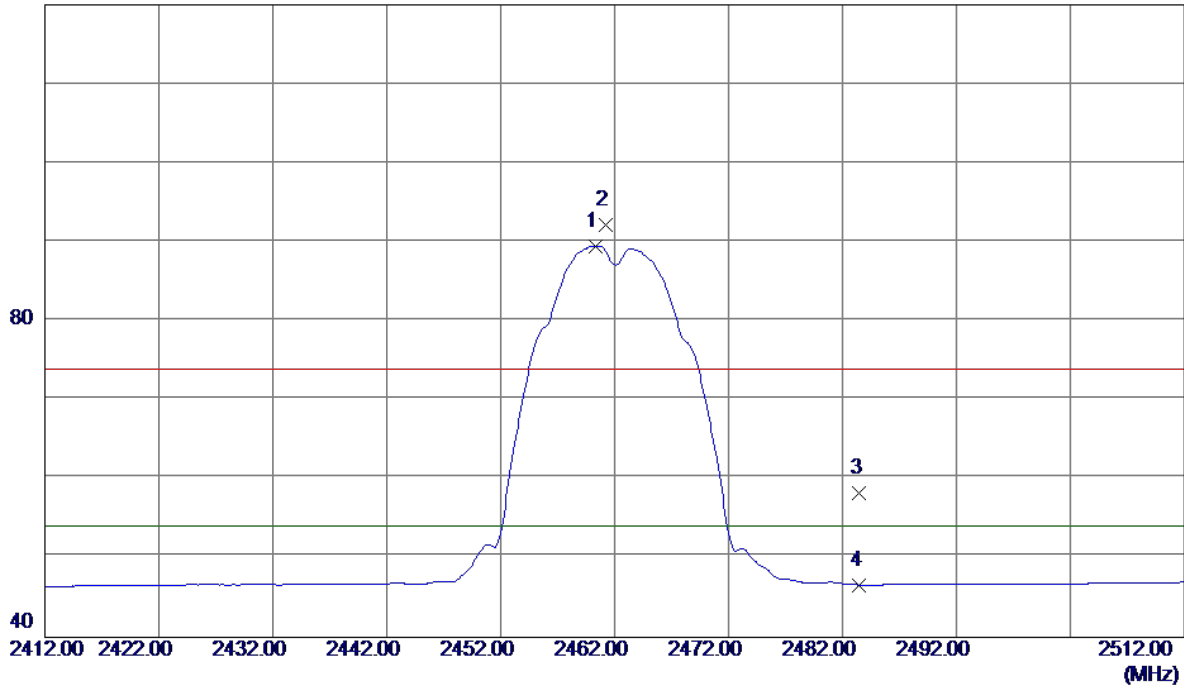


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
-----	--------------	----------------------------	-------------------------	---------------------------	-----------------	--------------	----------	---------

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

Vertical

120 dBuV/m

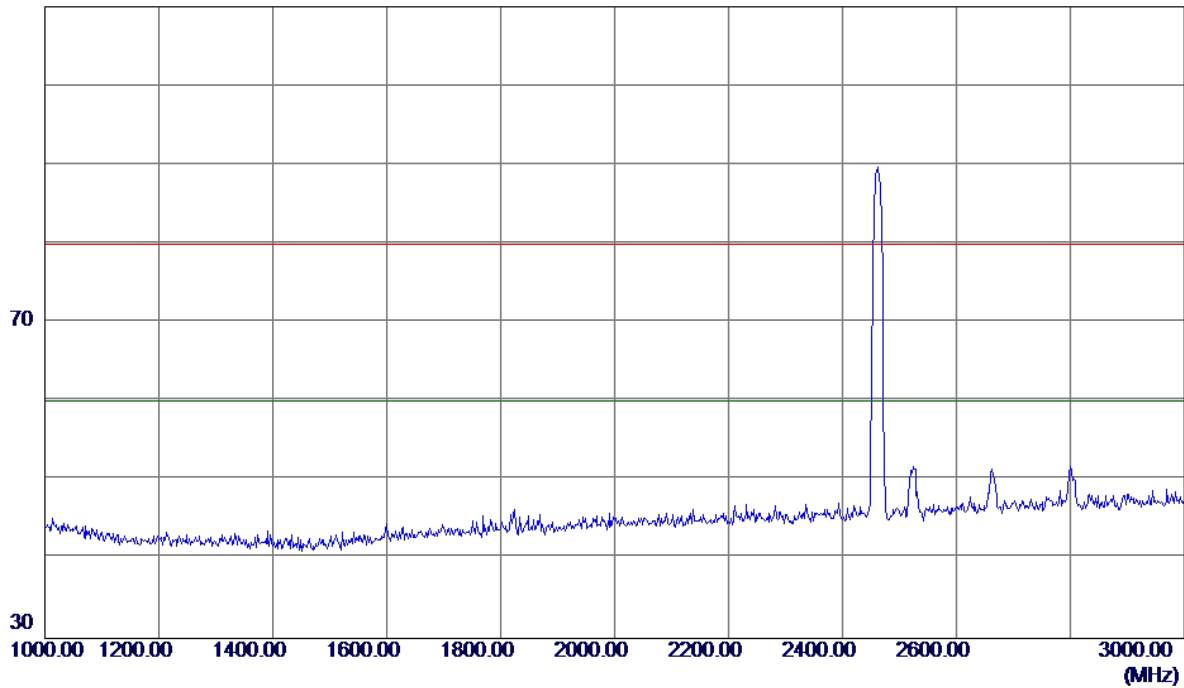


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.3000	56.17	33.30	89.47	54.00	35.47	AVG	No Limit
2	2461.2000	58.91	33.31	92.22	74.00	18.22	Peak	No Limit
3	2483.5000	24.80	33.40	58.20	74.00	-15.80	Peak	
4	2483.5000	13.23	33.40	46.63	54.00	-7.37	AVG	

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

Vertical

110 dBuV/m

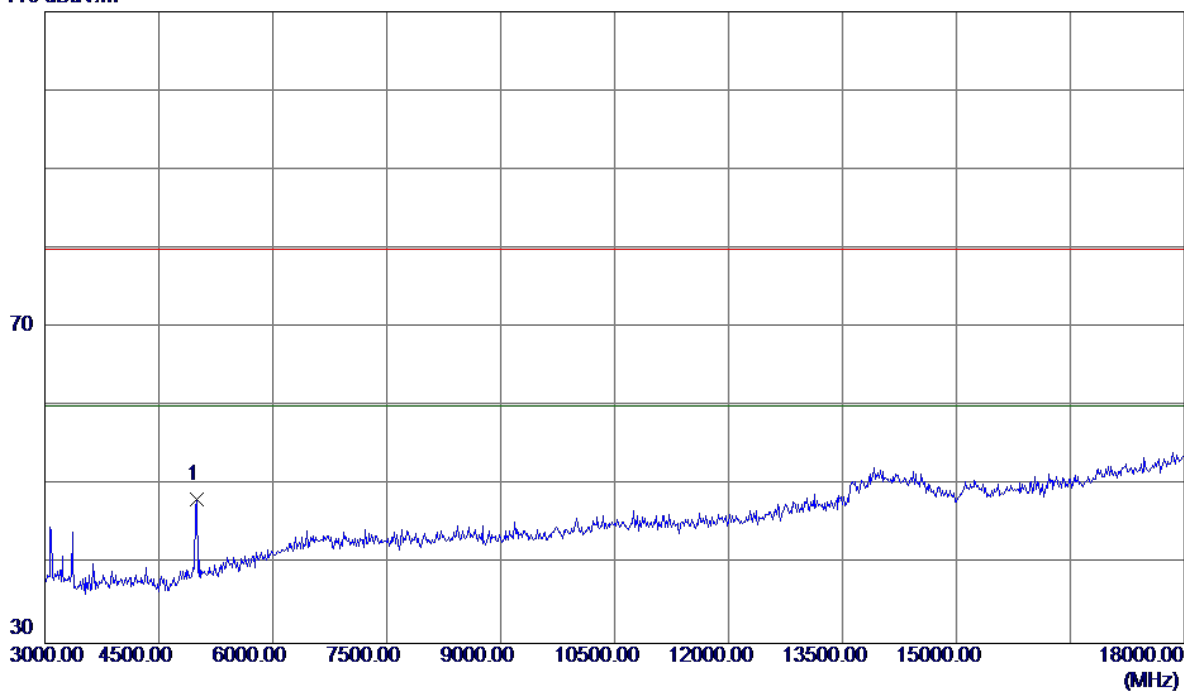


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

110 dBuV/m

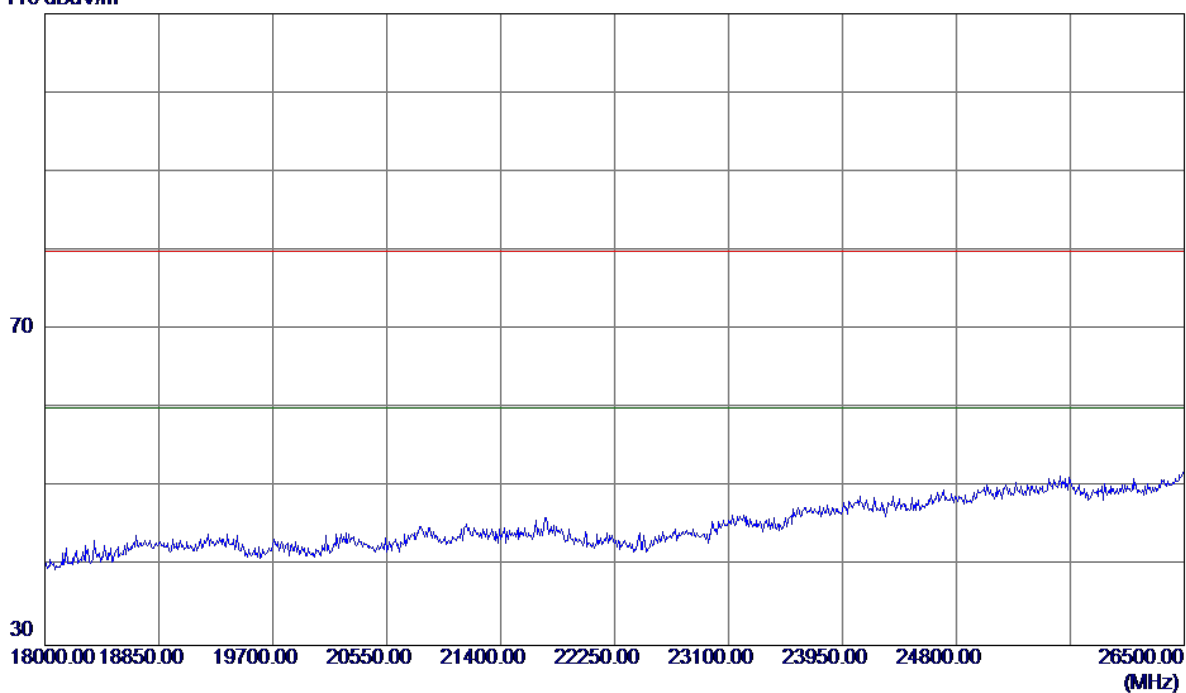


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4995.0000	42.72	5.58	48.30	80.00	-31.70	Peak	

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

Vertical

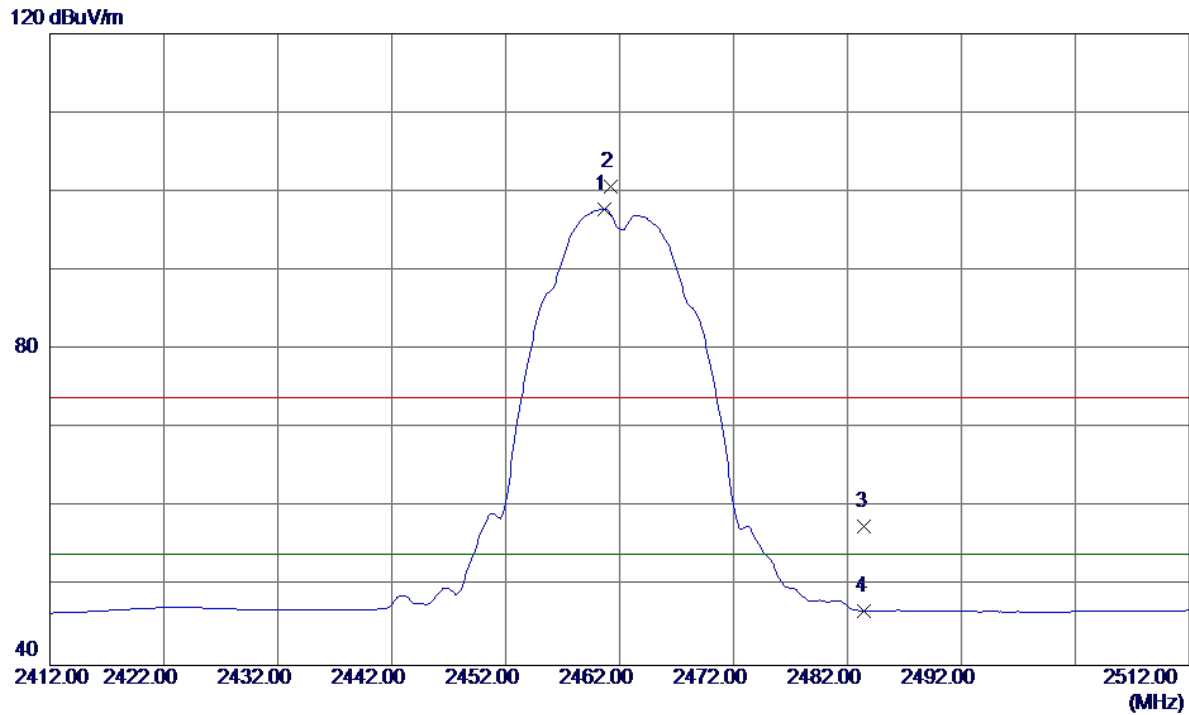
110 dBuV/m



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

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

Horizontal

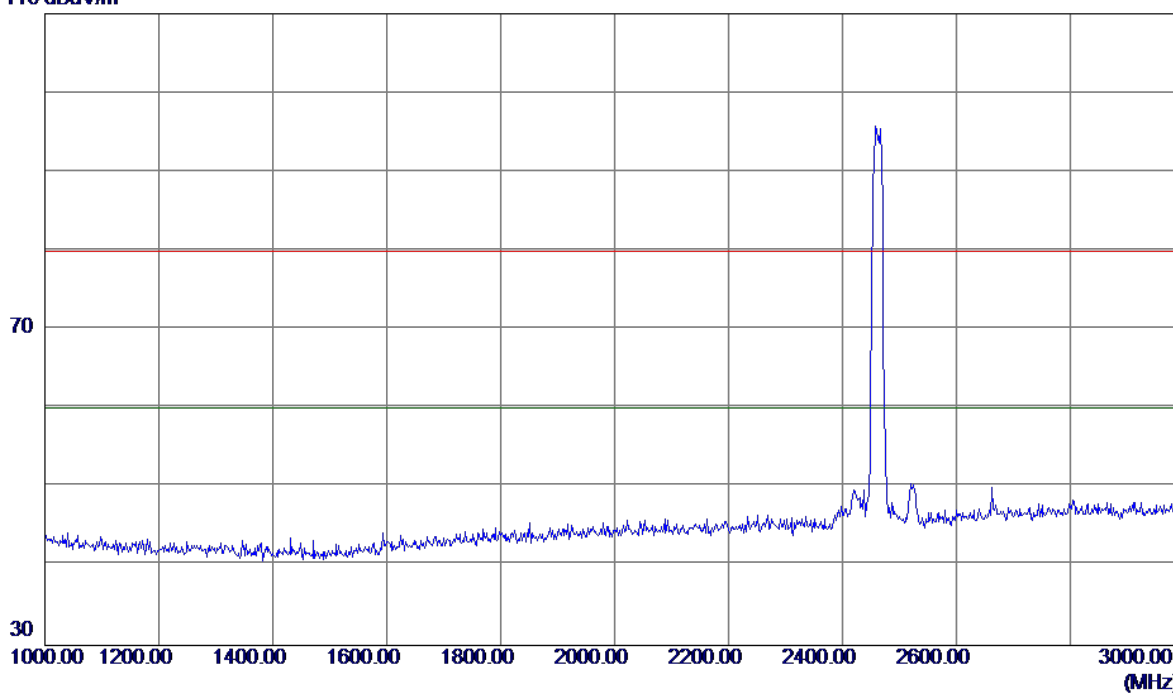


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.7000	64.44	33.31	97.75	54.00	43.75	AVG	No Limit
2	2461.2000	67.39	33.31	100.70	74.00	26.70	Peak	No Limit
3	2483.5000	24.19	33.40	57.59	74.00	-16.41	Peak	
4	2483.5000	13.51	33.40	46.91	54.00	-7.09	AVG	

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

Horizontal

110 dBuV/m

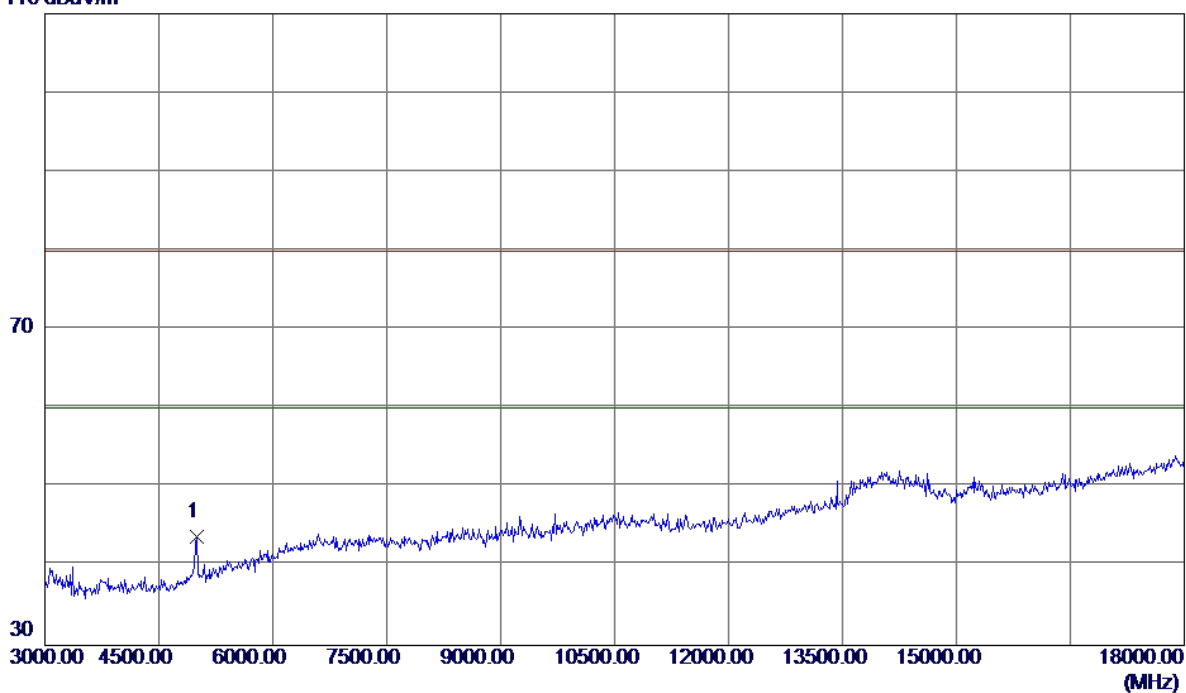


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

110 dBuV/m

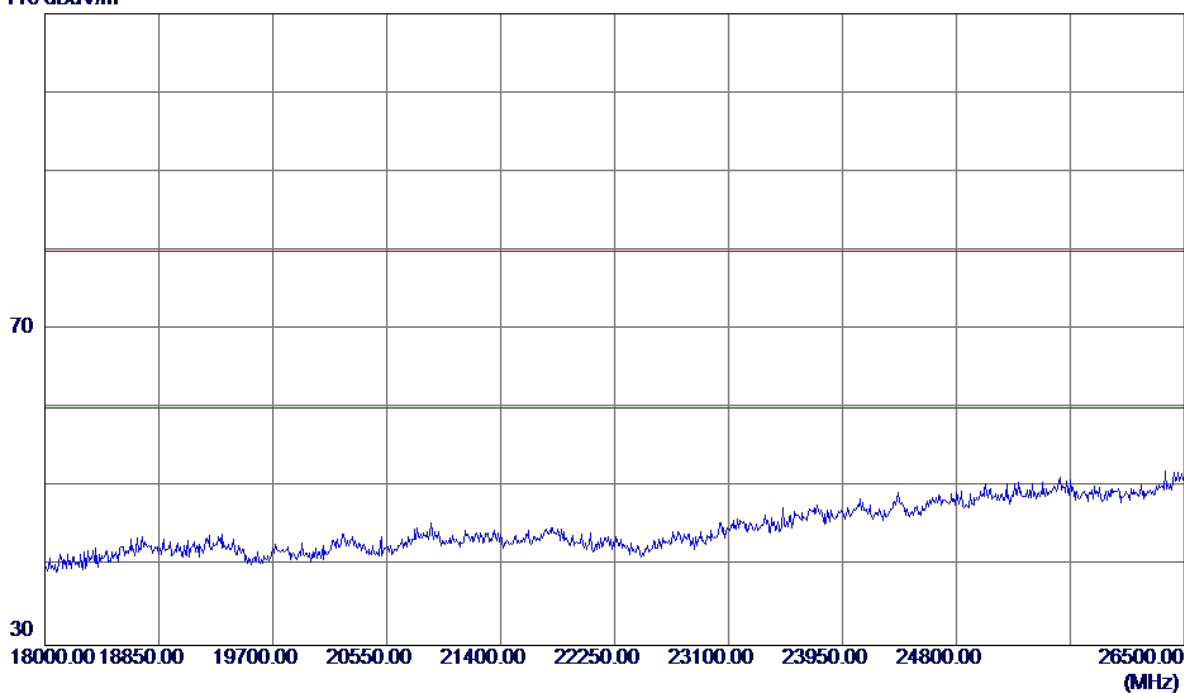


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4995.0000	38.18	5.58	43.76	80.00	-36.24	Peak	

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

Horizontal

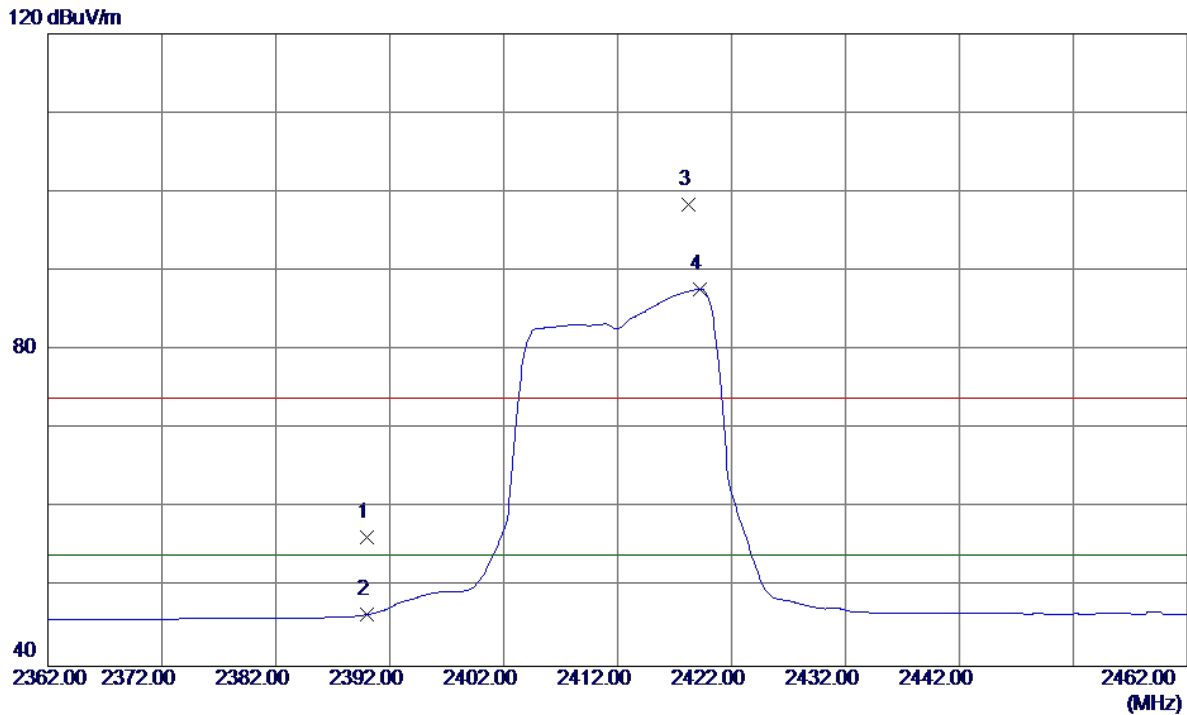
110 dBuV/m



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

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

Vertical

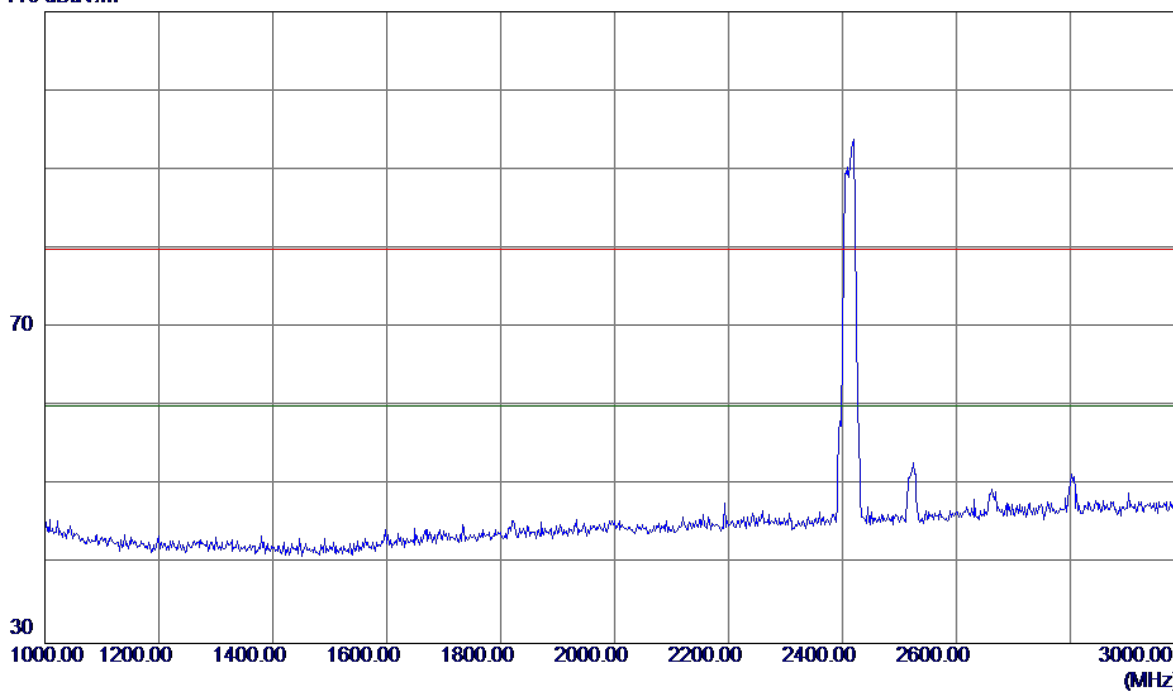


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.27	33.01	56.28	74.00	-17.72	Peak	
2	2390.0000	13.54	33.01	46.55	54.00	-7.45	AVG	
3	2418.2000	65.23	33.13	98.36	74.00	24.36	Peak	No Limit
4 *	2419.2000	54.56	33.13	87.69	54.00	33.69	AVG	No Limit

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

Vertical

110 dBuV/m

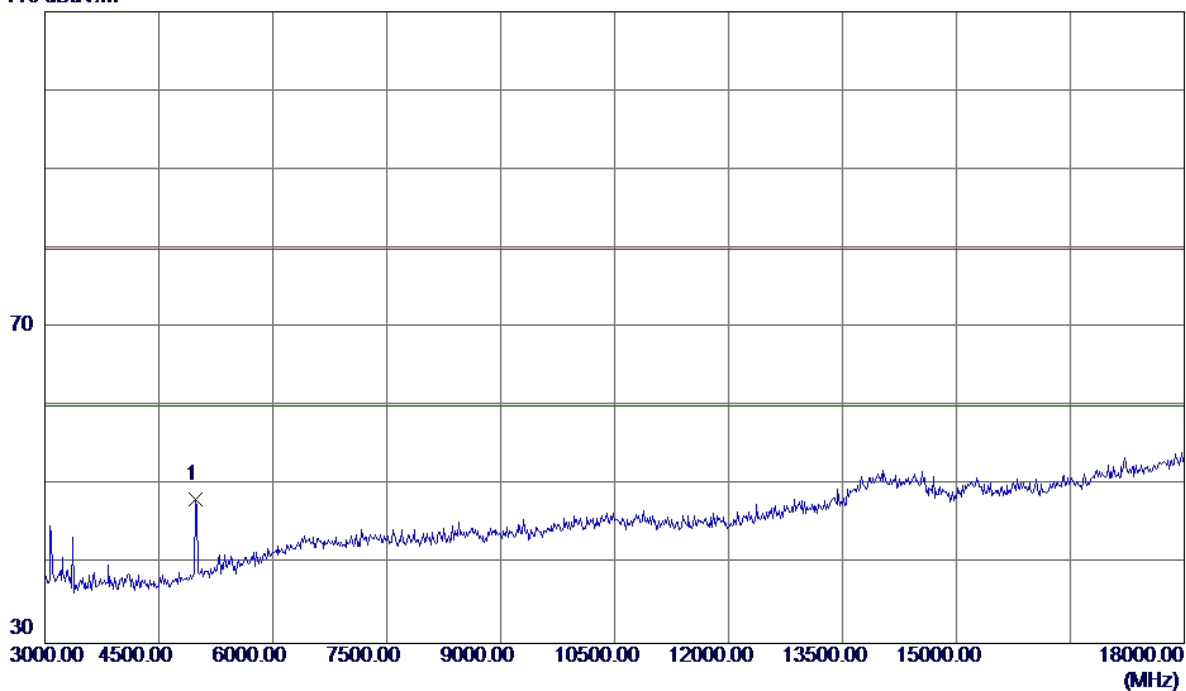


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
-----	--------------	----------------------------	-------------------------	---------------------------	-----------------	--------------	----------	---------

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

Vertical

110 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4980.0000	42.73	5.52	48.25	80.00	-31.75	Peak	

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

Vertical

110 dBuV/m

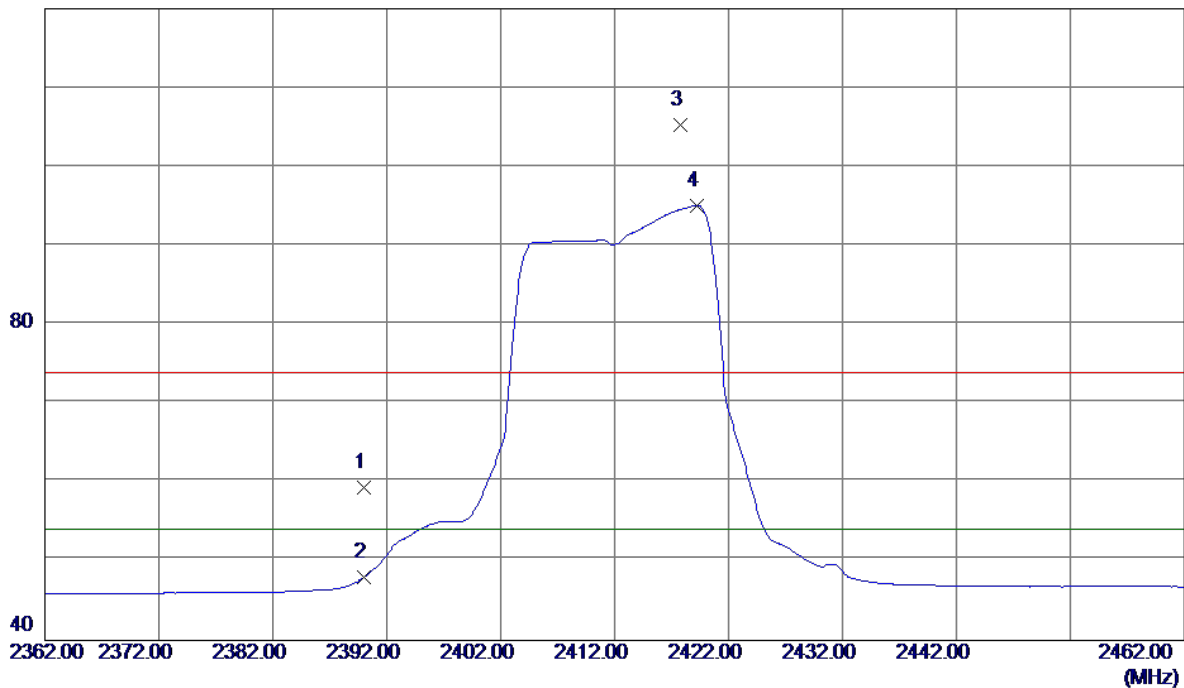


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m

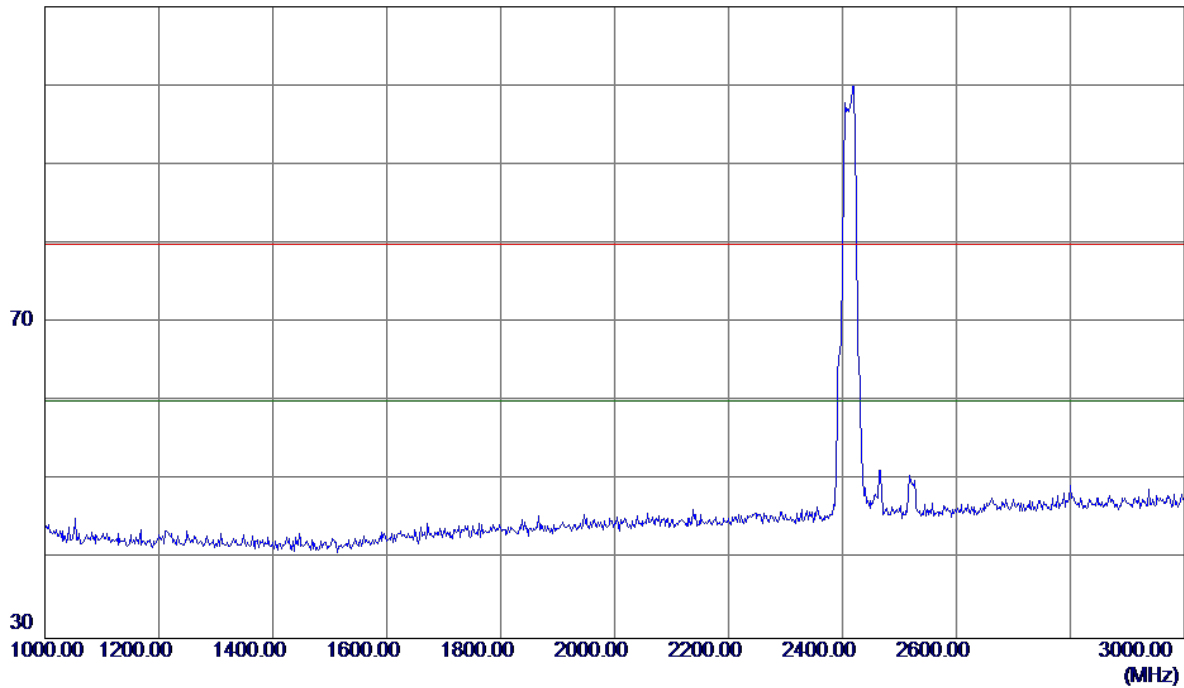


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	26.38	33.01	59.39	74.00	-14.61	Peak	
2	2390.0000	14.98	33.01	47.99	54.00	-6.01	AVG	
3	2417.8000	72.22	33.13	105.35	74.00	31.35	Peak	No Limit
4 *	2419.2000	61.96	33.13	95.09	54.00	41.09	AVG	No Limit

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

Horizontal

110 dBuV/m

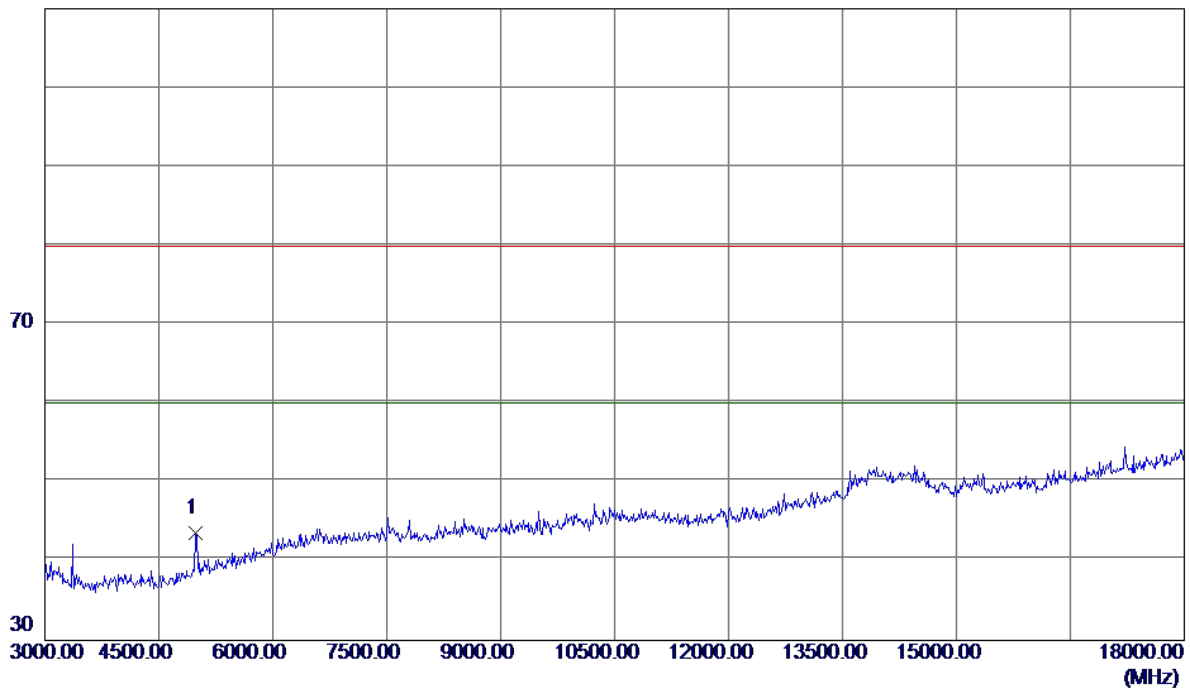


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
-----	--------------	----------------------------	-------------------------	---------------------------	-----------------	--------------	----------	---------

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

Horizontal

110 dBuV/m

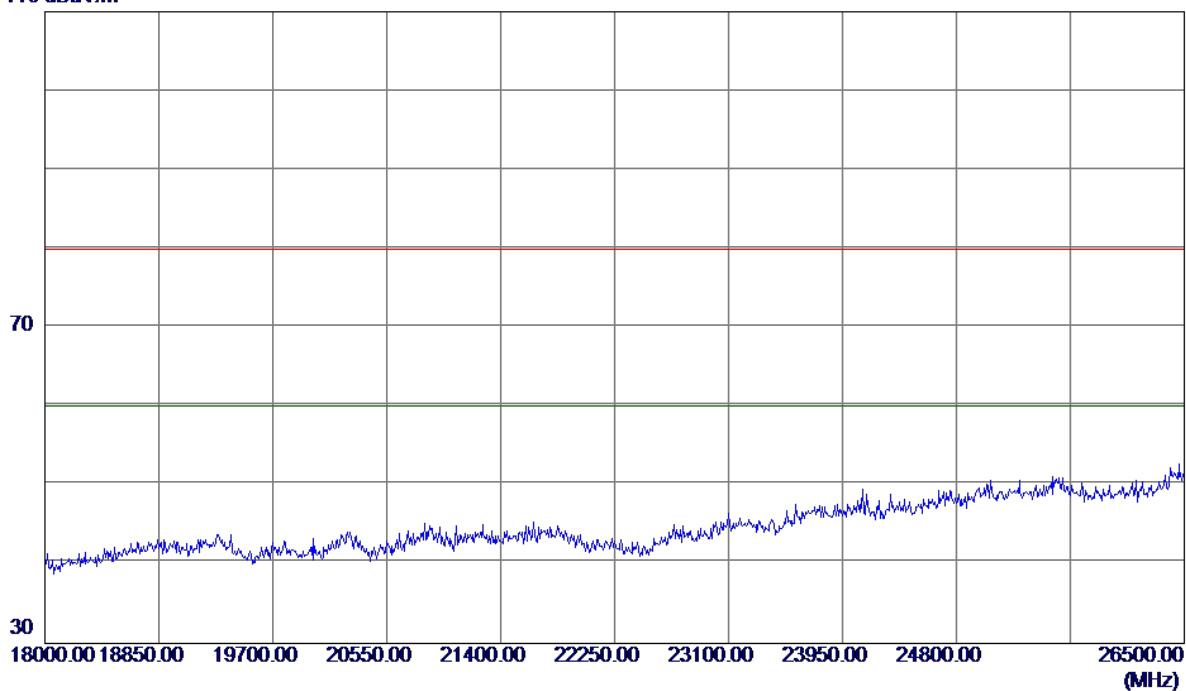


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4980. 0000	38. 06	5. 52	43. 58	80. 00	-36. 42	Peak	

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

Horizontal

110 dBuV/m

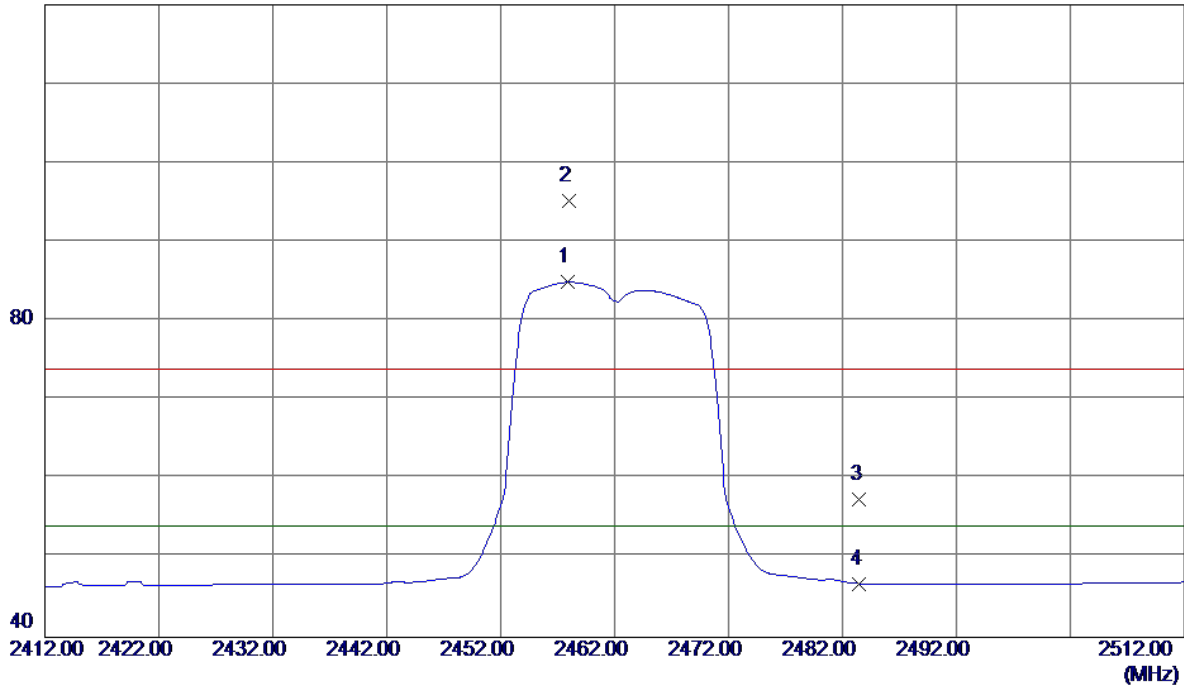


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

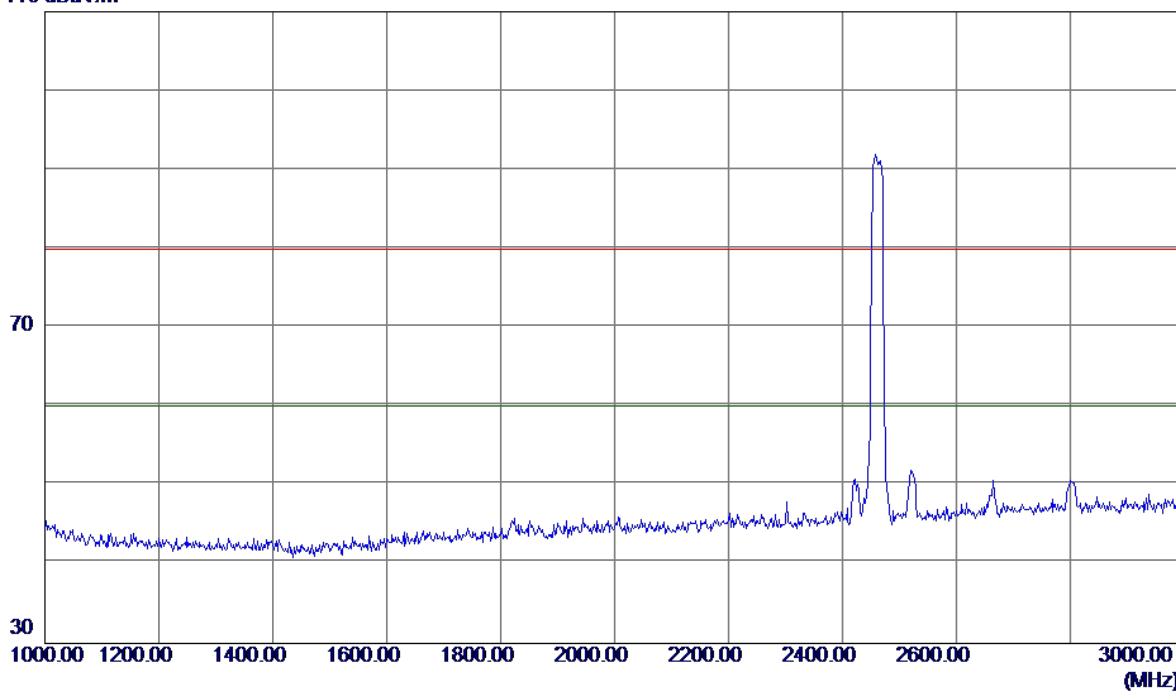


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2457.9000	51.62	33.29	84.91	54.00	30.91	AVG	No Limit
2	2458.0000	61.85	33.29	95.14	74.00	21.14	Peak	No Limit
3	2483.5000	23.97	33.40	57.37	74.00	-16.63	Peak	
4	2483.5000	13.38	33.40	46.78	54.00	-7.22	AVG	

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

Vertical

110 dBuV/m

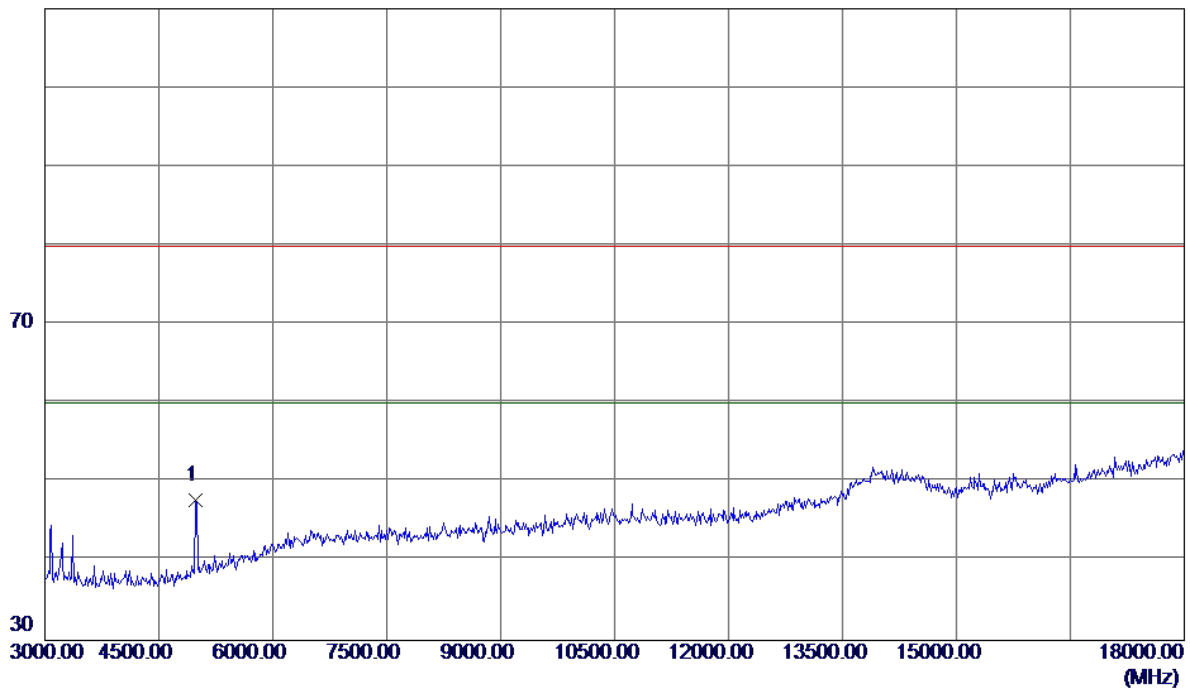


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

110 dBuV/m

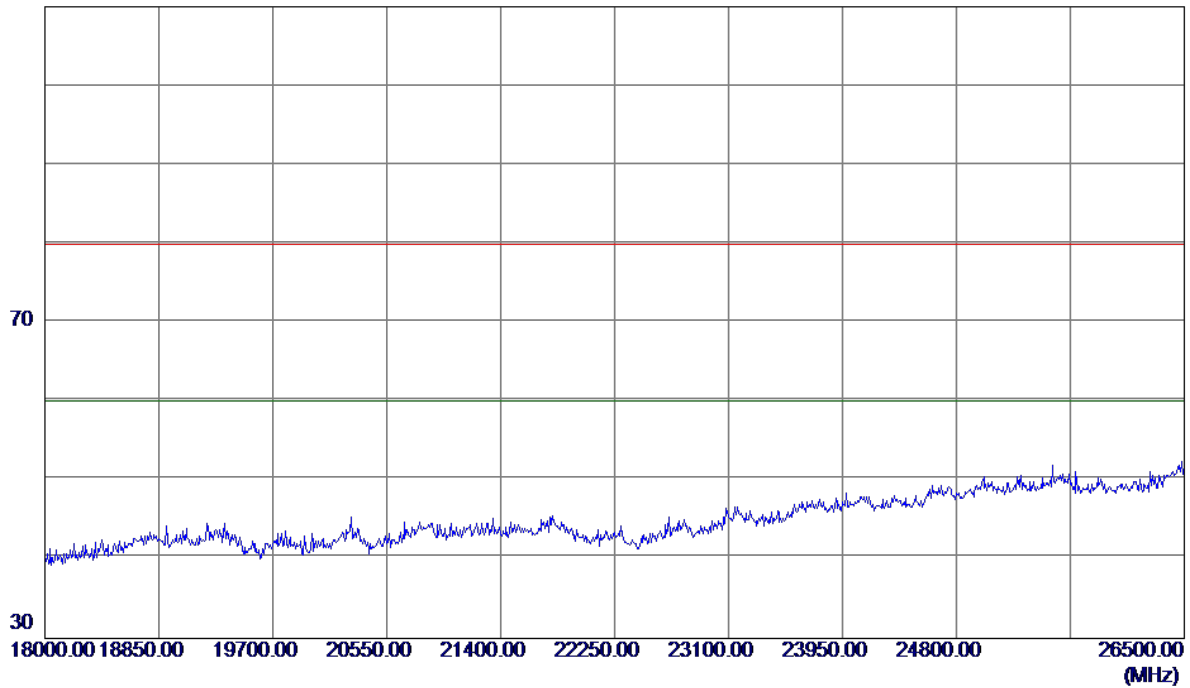


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4980.0000	42.23	5.52	47.75	80.00	-32.25	Peak	

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

Vertical

110 dBuV/m

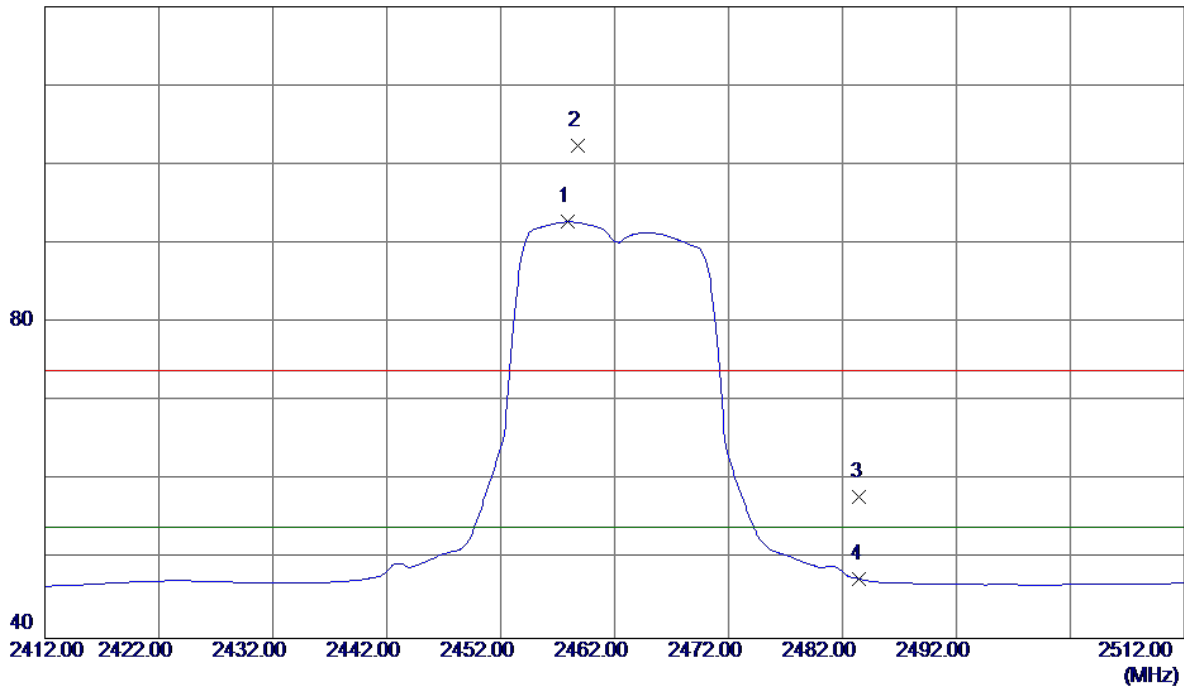


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m

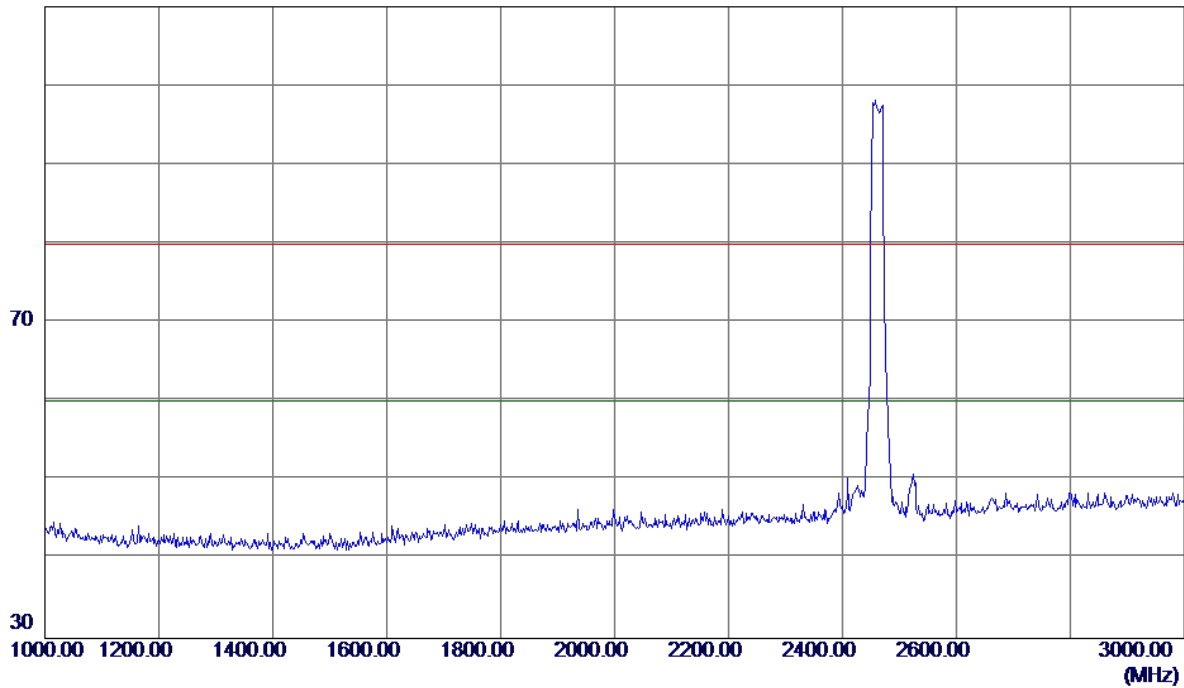


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2457.9000	59.46	33.29	92.75	54.00	38.75	AVG	No Limit
2	2458.8000	69.09	33.30	102.39	74.00	28.39	Peak	No Limit
3	2483.5000	24.46	33.40	57.86	74.00	-16.14	Peak	
4	2483.5000	14.10	33.40	47.50	54.00	-6.50	AVG	

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

Horizontal

110 dBuV/m

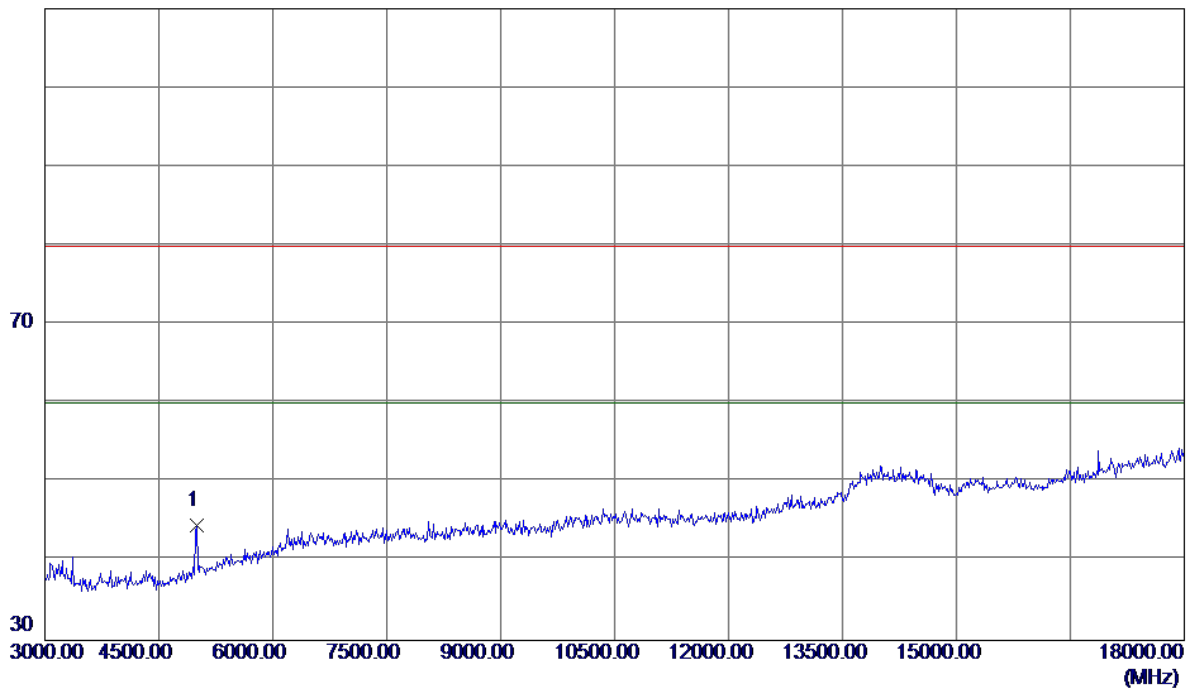


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

110 dBuV/m

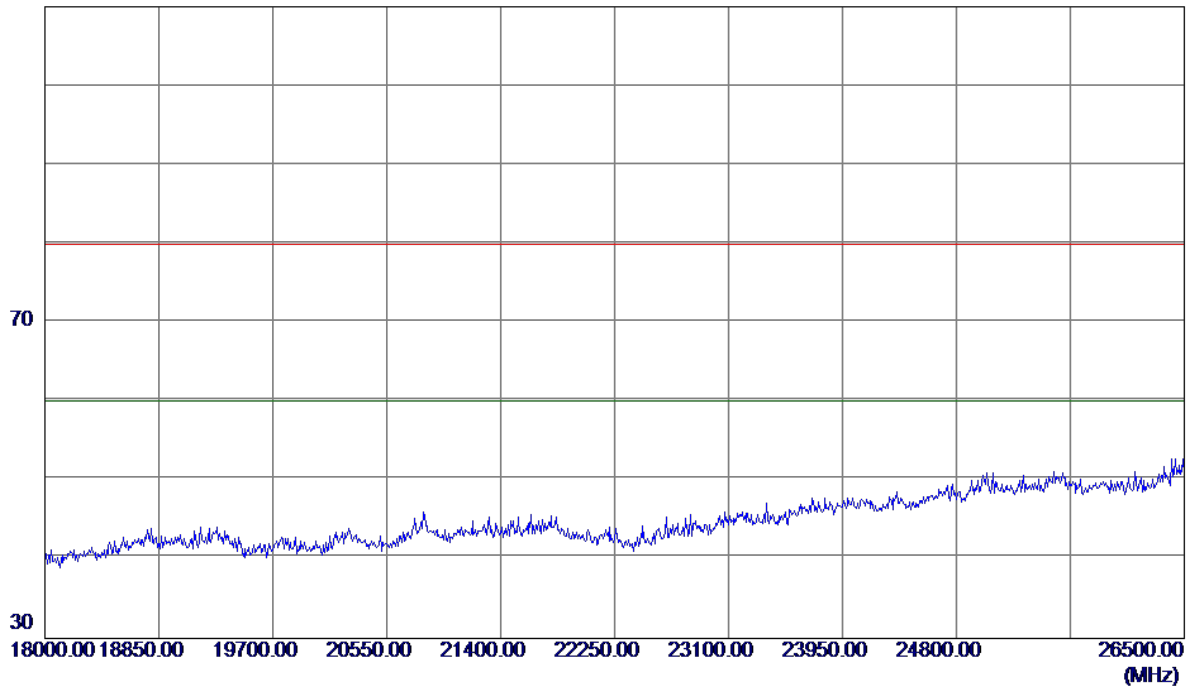


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4995.0000	38.97	5.58	44.55	80.00	-35.45	Peak	

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

Horizontal

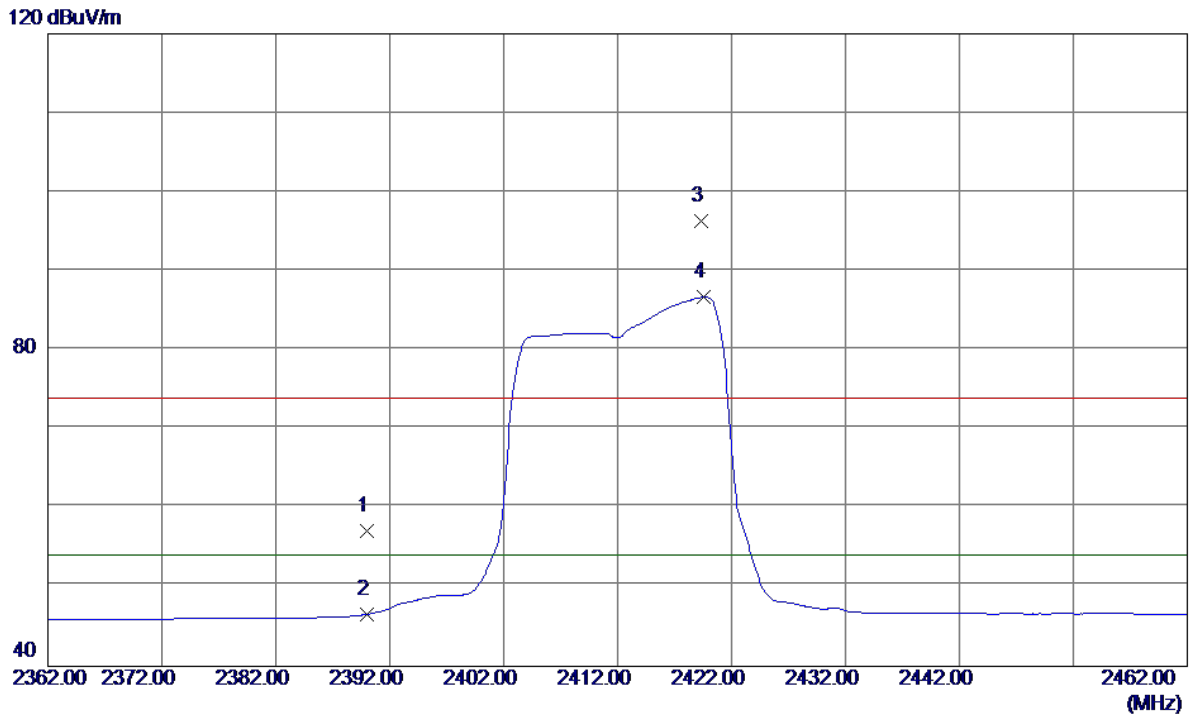
110 dBuV/m



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

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

Vertical

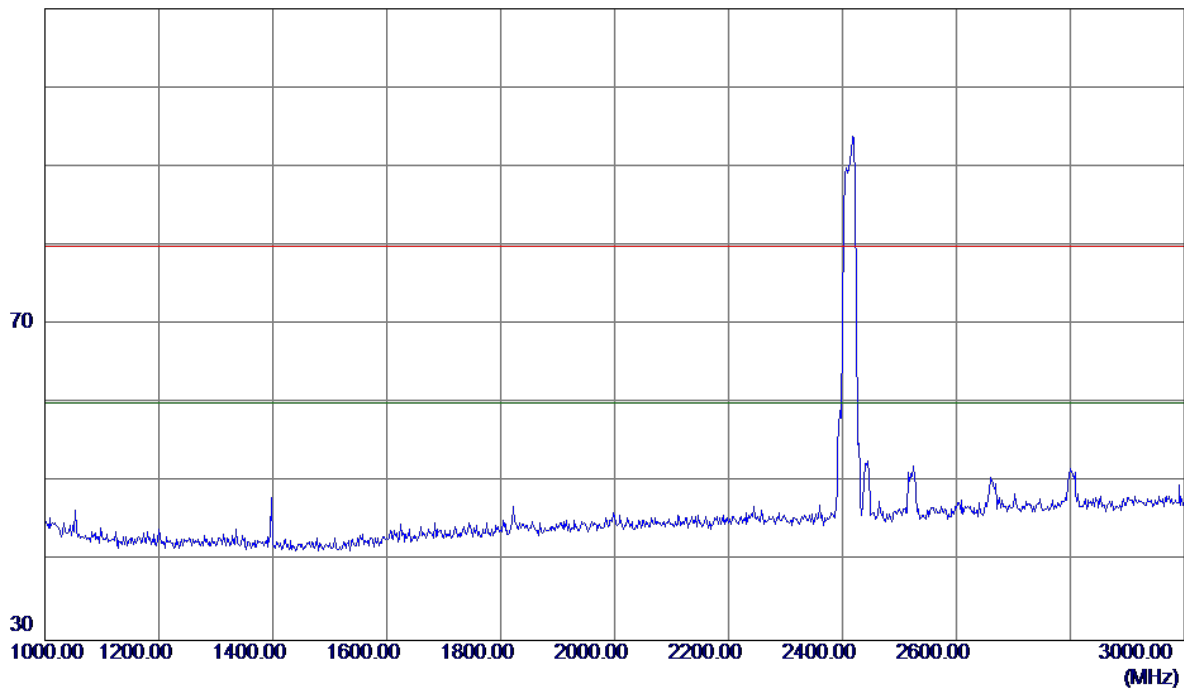


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	24.12	33.01	57.13	74.00	-16.87	Peak	
2	2390.0000	13.58	33.01	46.59	54.00	-7.41	AVG	
3	2419.3000	63.25	33.13	96.38	74.00	22.38	Peak	No Limit
4 *	2419.6000	53.58	33.13	86.71	54.00	32.71	AVG	No Limit

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

Vertical

110 dBuV/m

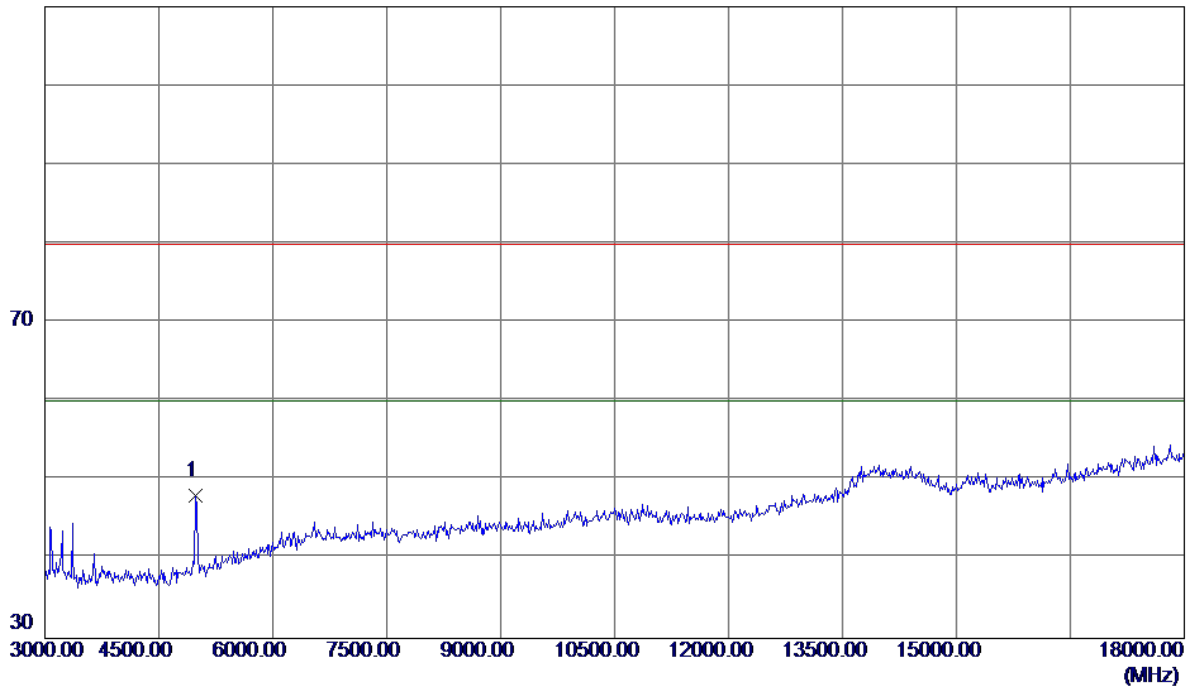


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

110 dBuV/m

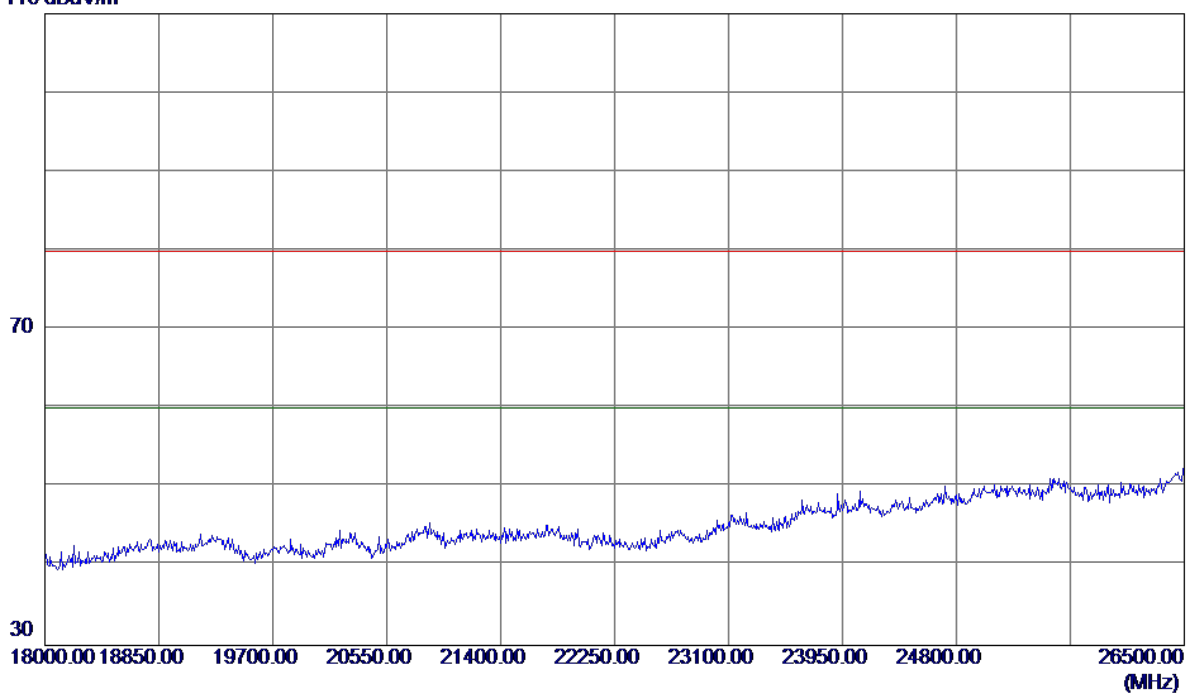


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4980.0000	42.50	5.52	48.02	80.00	-31.98	Peak	

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

Vertical

110 dBuV/m

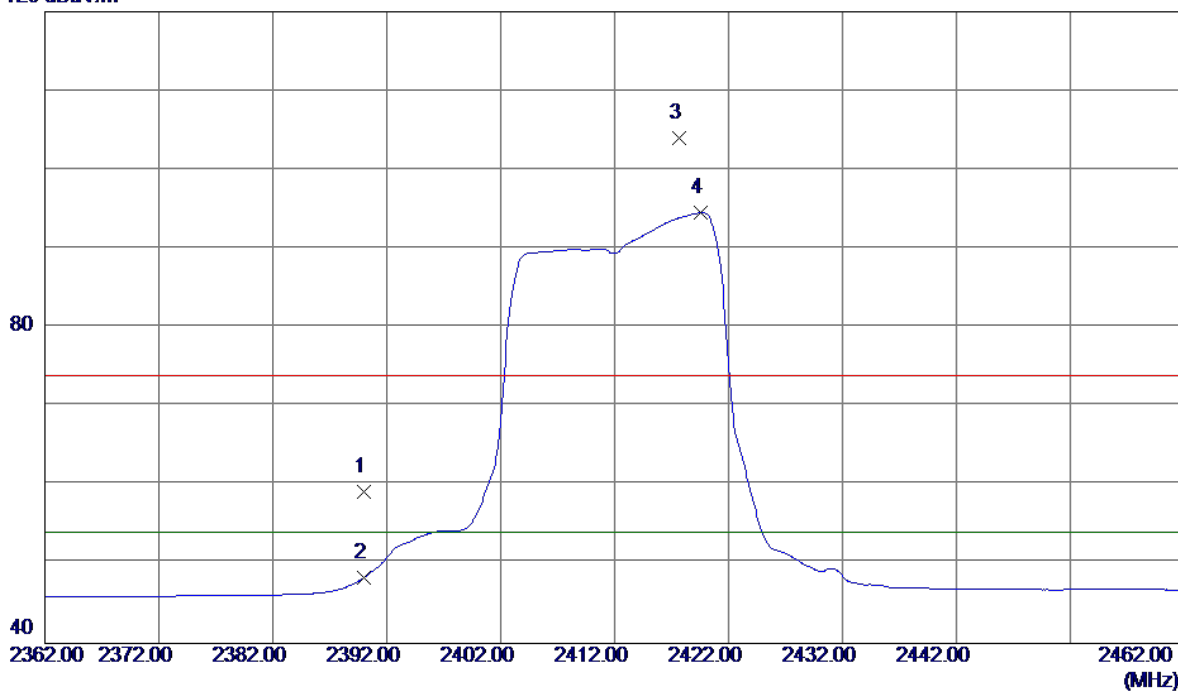


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

120 dBuV/m

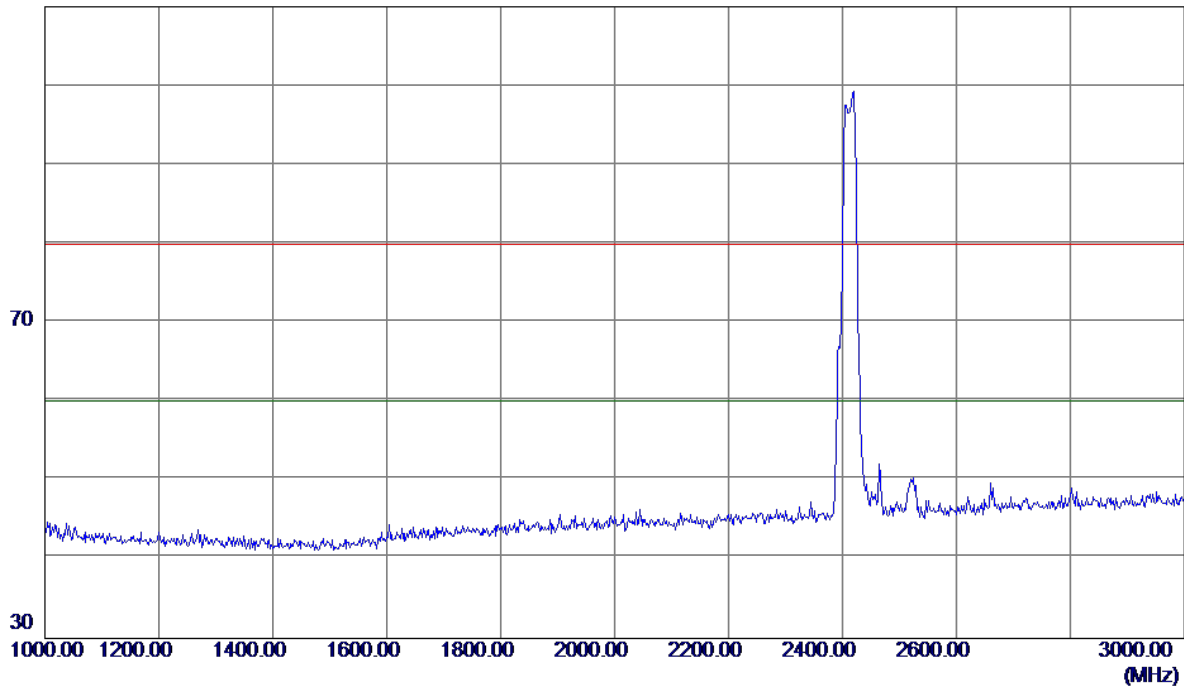


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	26.26	33.01	59.27	74.00	-14.73	Peak	
2	2390.0000	15.31	33.01	48.32	54.00	-5.68	AVG	
3	2417.7000	70.89	33.13	104.02	74.00	30.02	Peak	No Limit
4 *	2419.6000	61.41	33.13	94.54	54.00	40.54	AVG	No Limit

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

Horizontal

110 dBuV/m

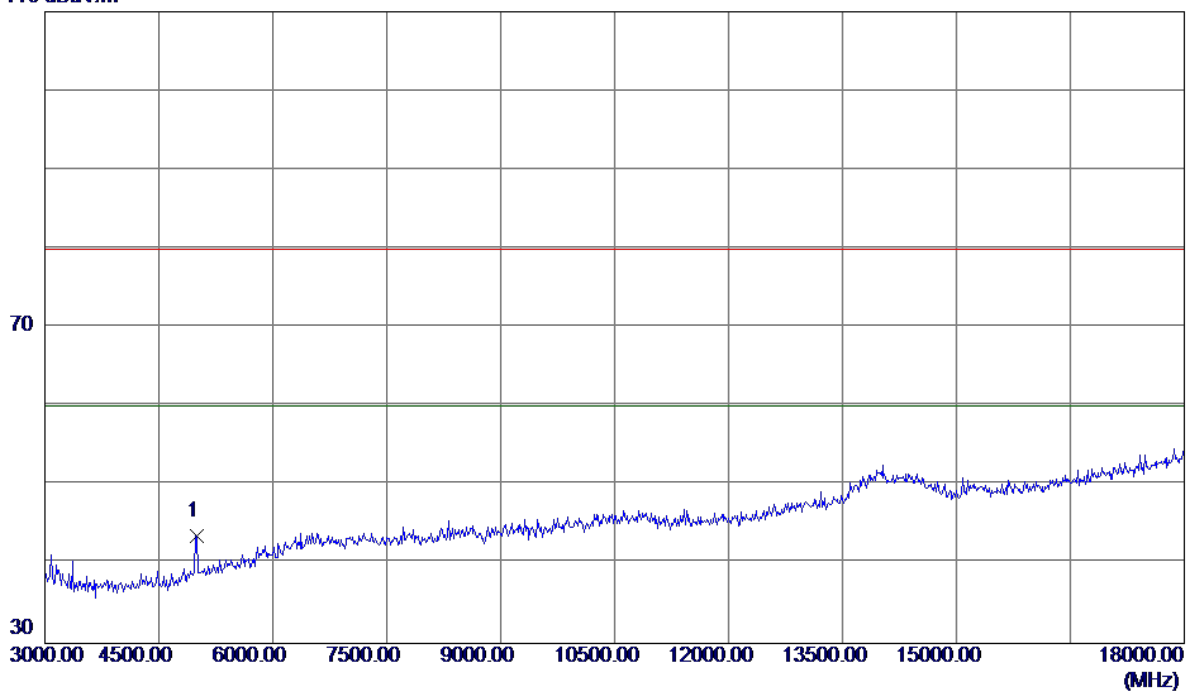


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

110 dBuV/m

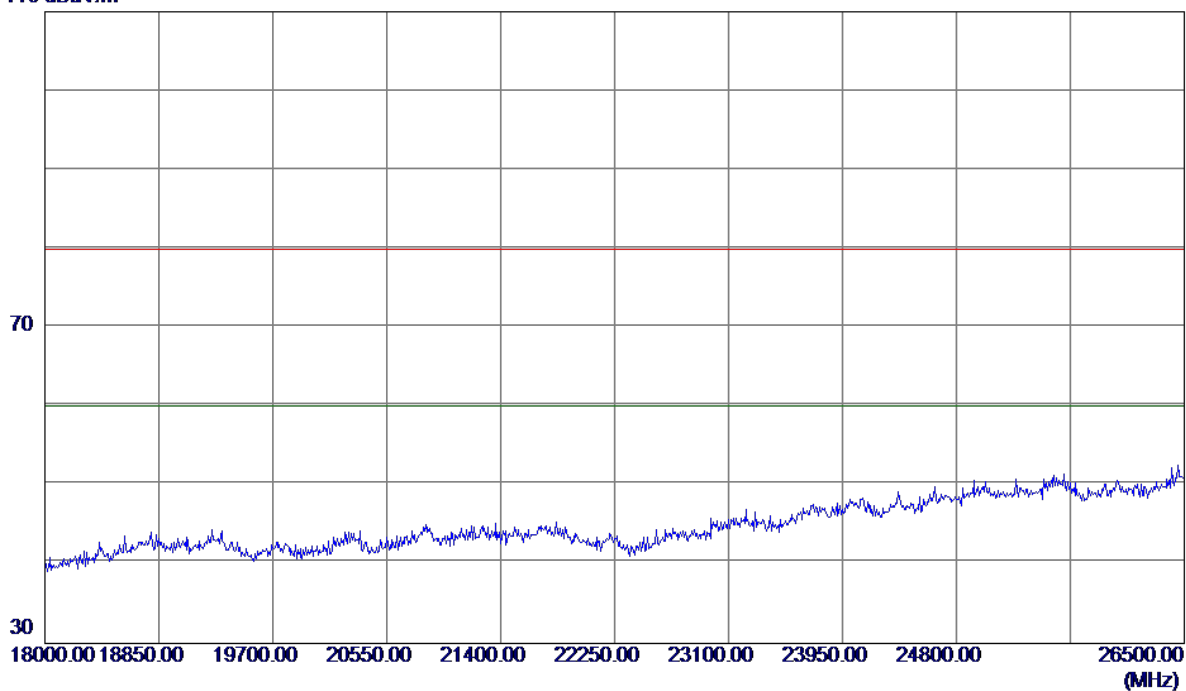


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4995.0000	38.02	5.58	43.60	80.00	-36.40	Peak	

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

Horizontal

110 dBuV/m

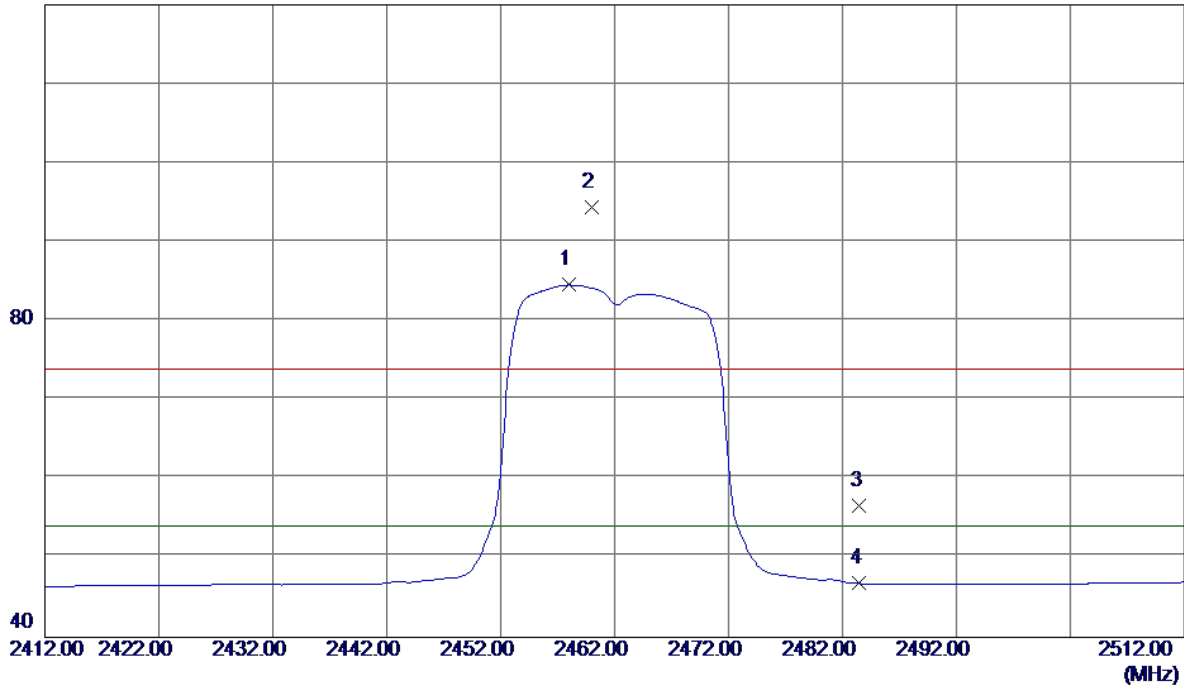


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

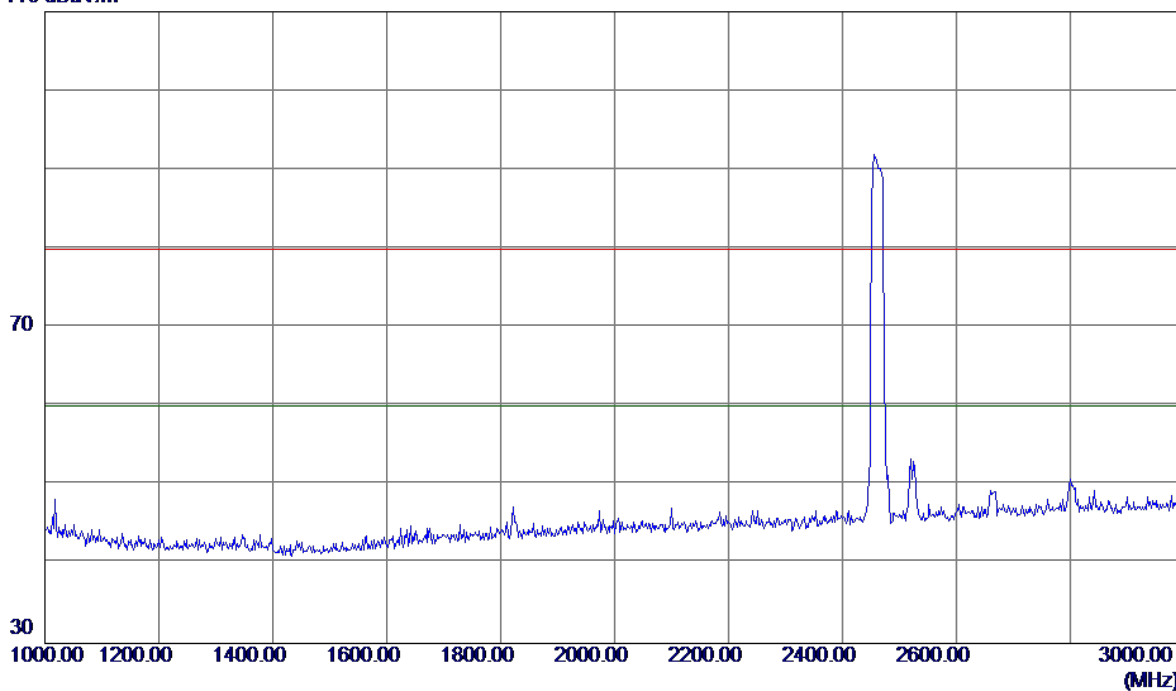


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2458.0000	51.28	33.29	84.57	54.00	30.57	AVG	No Limit
2	2460.0000	61.10	33.30	94.40	74.00	20.40	Peak	No Limit
3	2483.5000	23.19	33.40	56.59	74.00	-17.41	Peak	
4	2483.5000	13.41	33.40	46.81	54.00	-7.19	AVG	

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

Vertical

110 dBuV/m

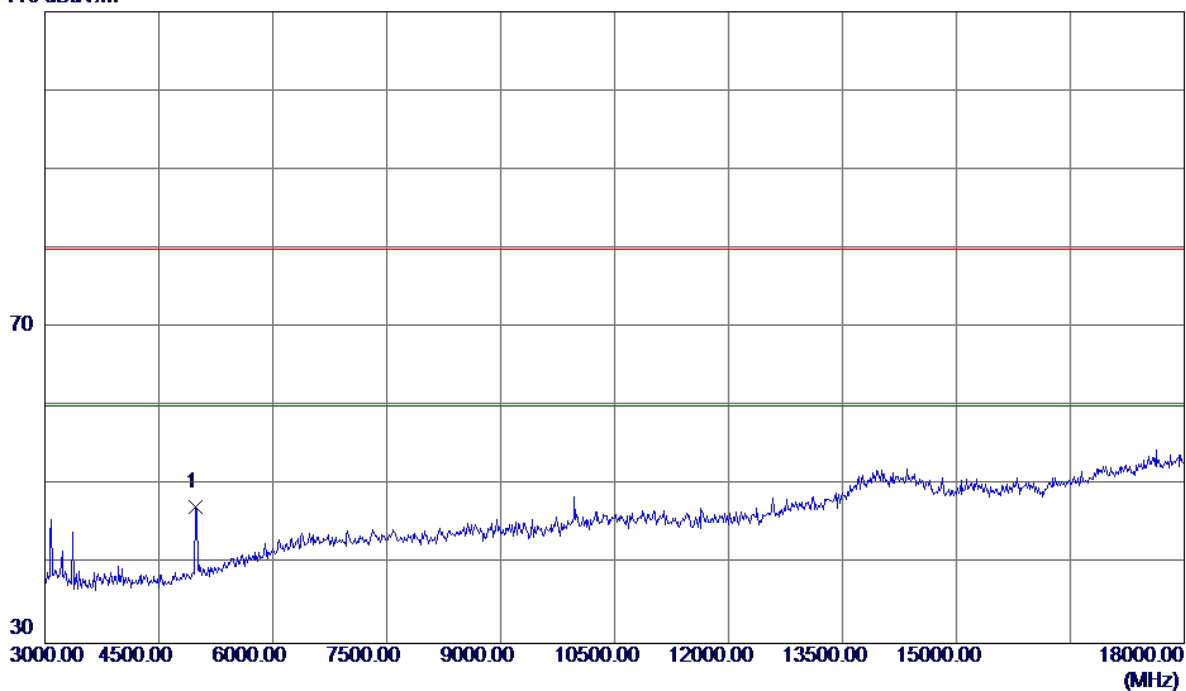


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

110 dBuV/m

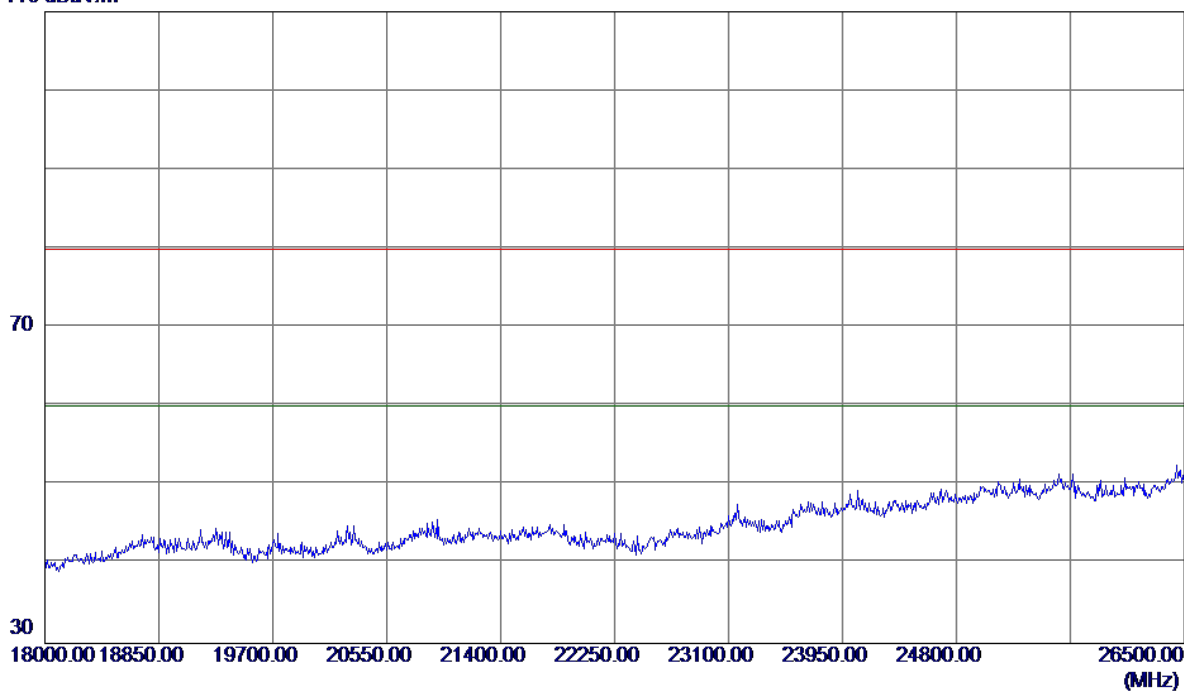


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4980.0000	41.73	5.52	47.25	80.00	-32.75	Peak	

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

Vertical

110 dBuV/m

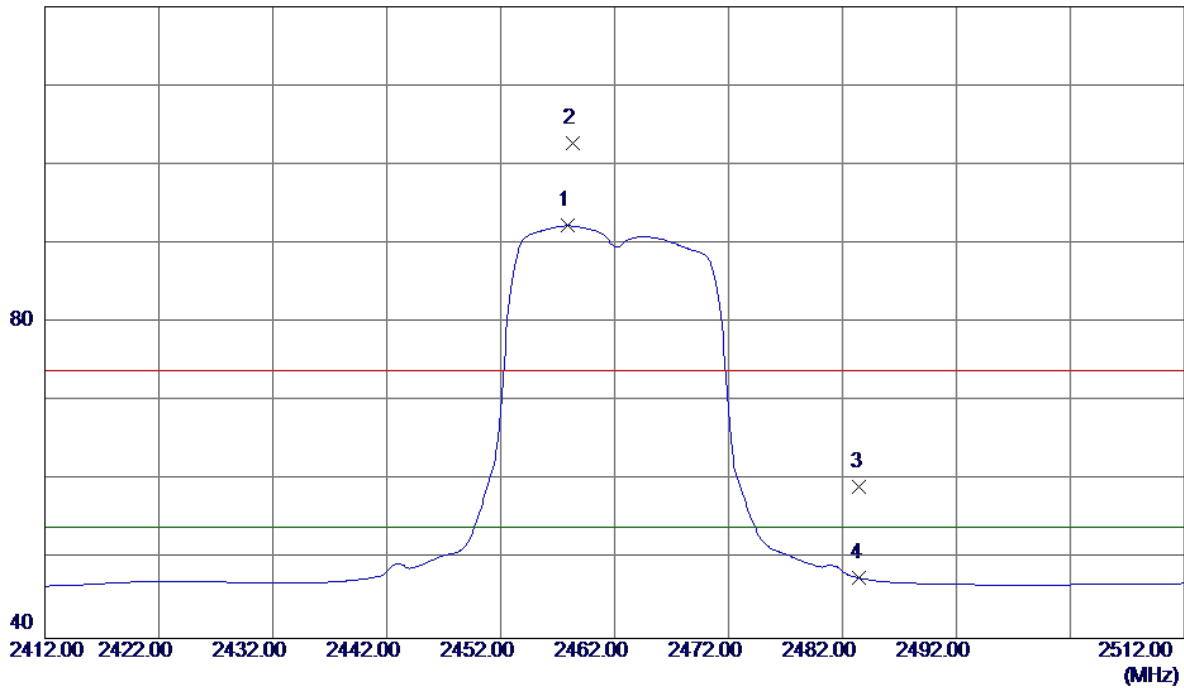


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m

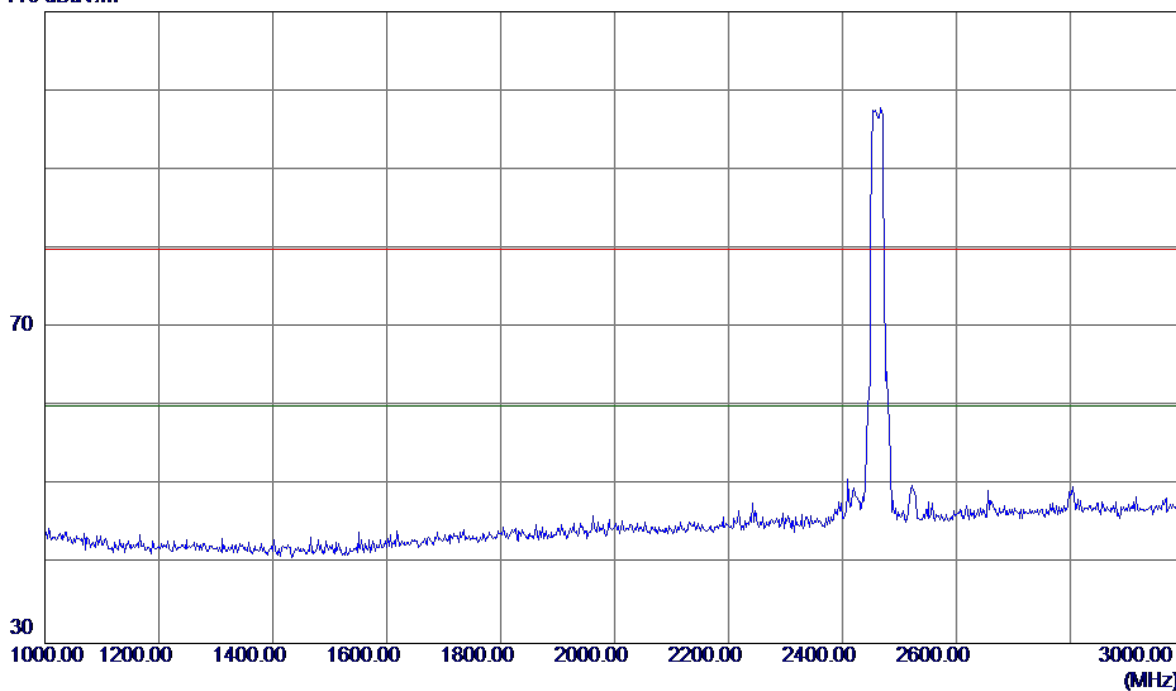


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2457.9000	58.96	33.29	92.25	54.00	38.25	AVG	No Limit
2	2458.3000	69.35	33.30	102.65	74.00	28.65	Peak	No Limit
3	2483.5000	25.81	33.40	59.21	74.00	-14.79	Peak	
4	2483.5000	14.25	33.40	47.65	54.00	-6.35	AVG	

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

Horizontal

110 dBuV/m



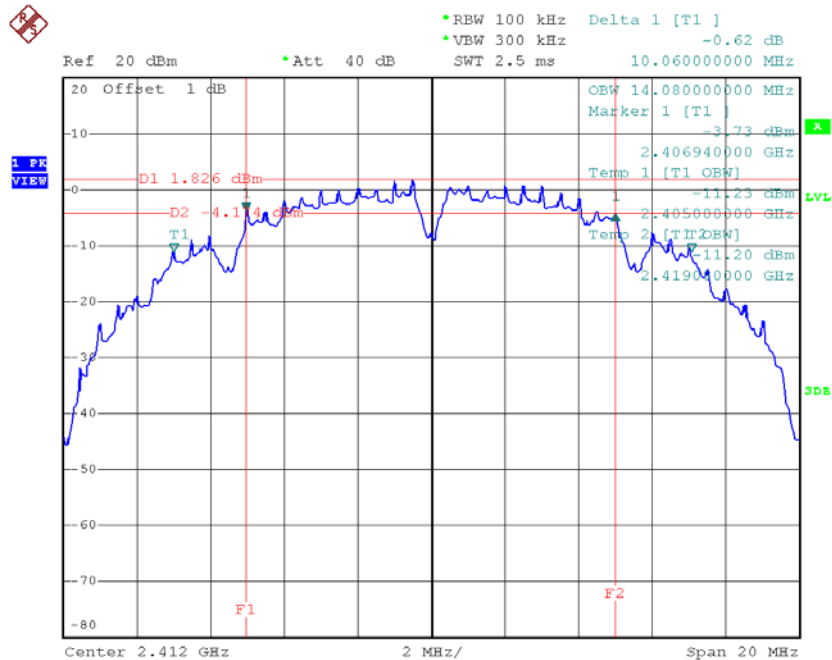
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

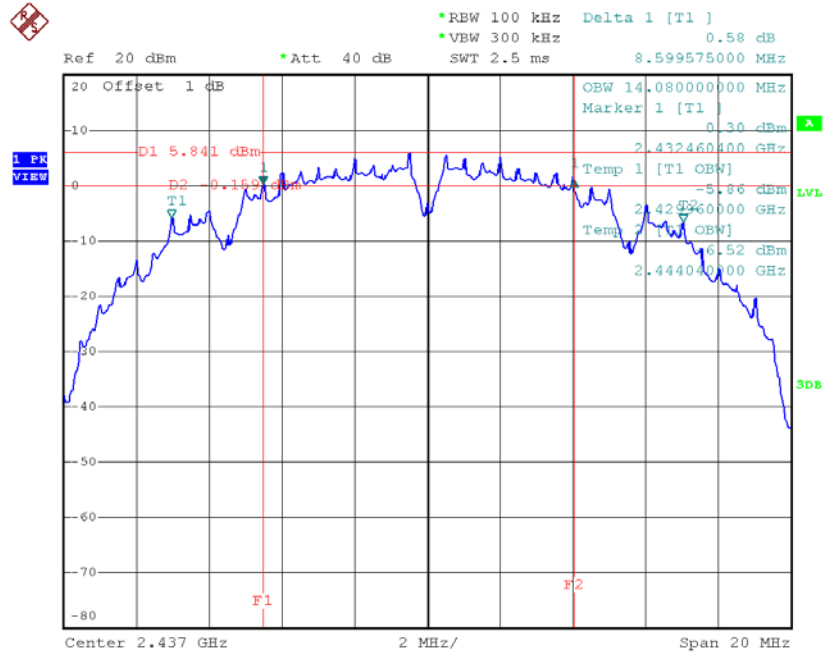
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.06	14.08	500	Complies
2437	8.60	14.08	500	Complies
2462	10.10	14.12	500	Complies

TX CH01



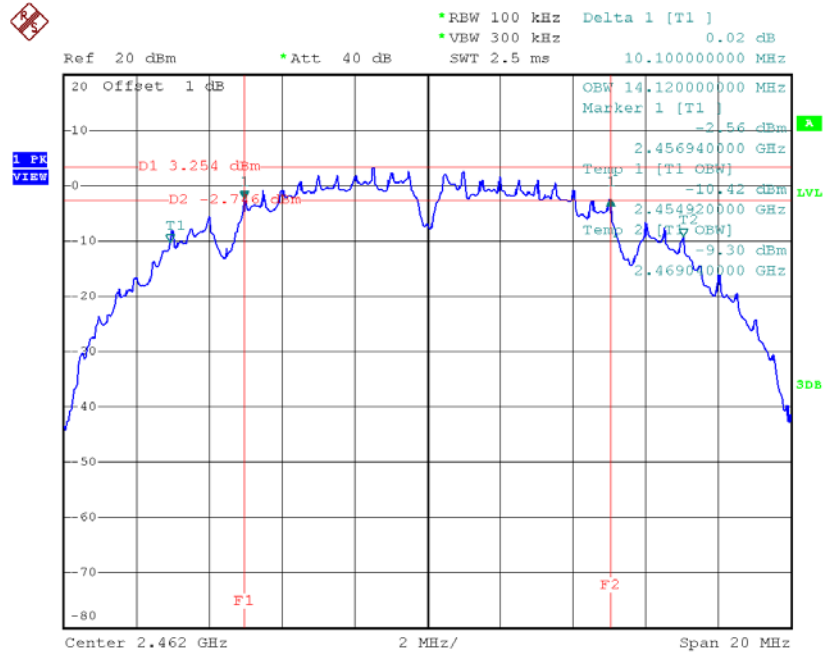
Date: 22.DEC.2016 18:55:05

TX CH06



Date: 22.DEC.2016 18:58:26

TX CH11

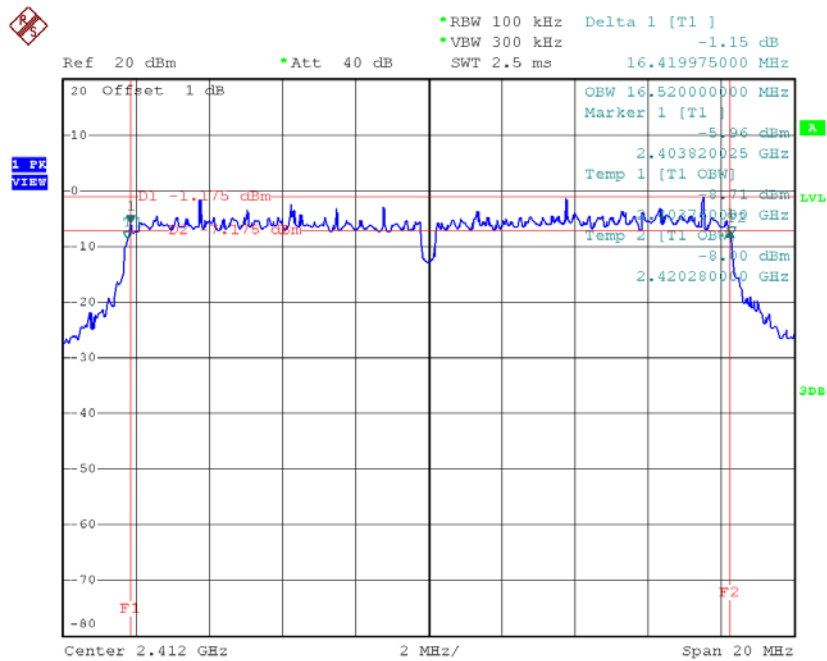


Date: 22.DEC.2016 19:00:04

Test Mode: TX G Mode_CH01/06/11

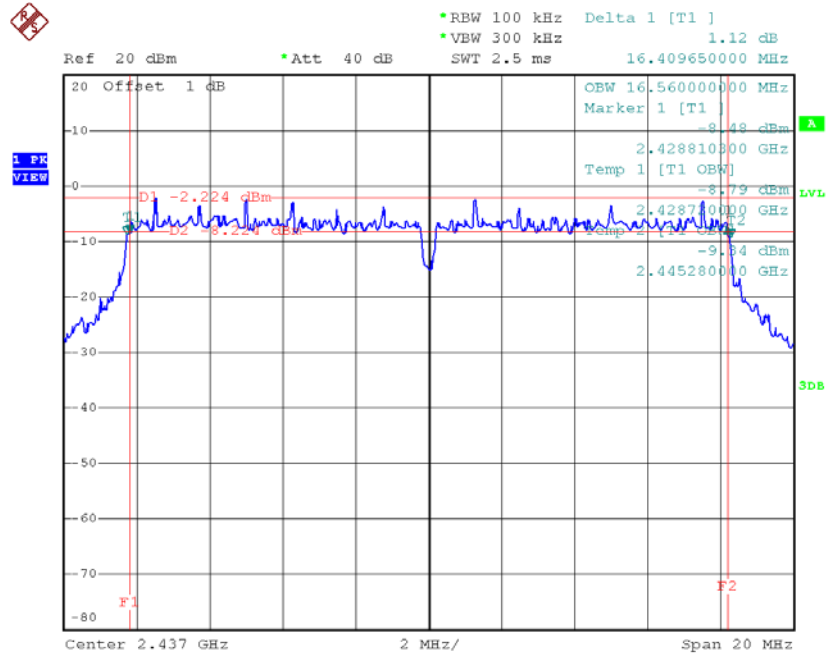
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.42	16.52	500	Complies
2437	16.41	16.56	500	Complies
2462	16.52	16.56	500	Complies

TX CH01



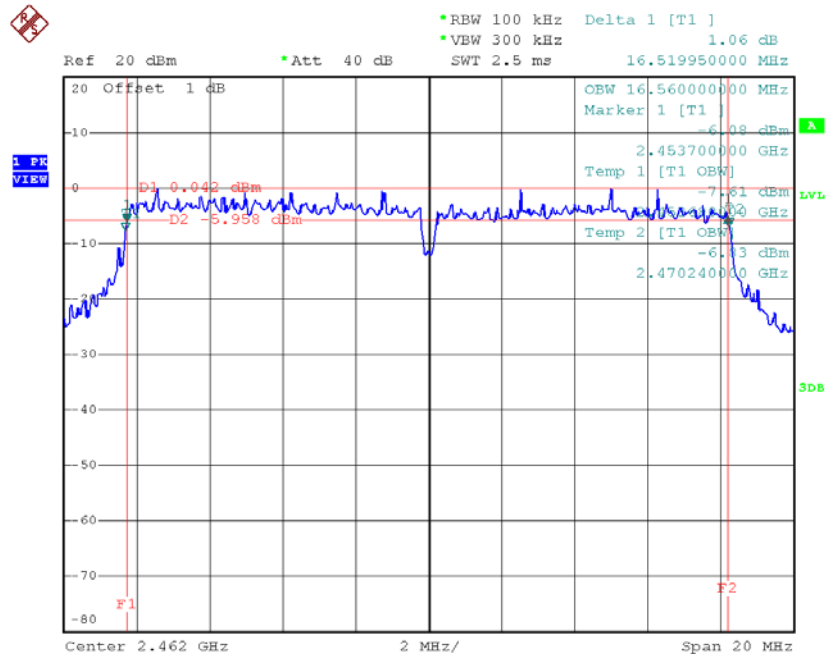
Date: 22.DEC.2016 19:01:44

TX CH06



Date: 22.DEC.2016 19:03:19

TX CH11

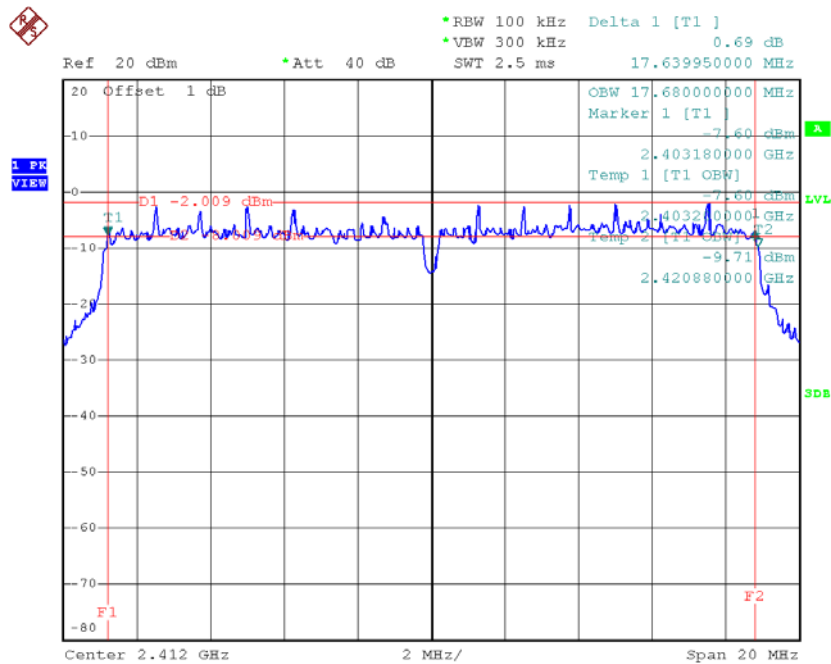


Date: 22.DEC.2016 19:04:49

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

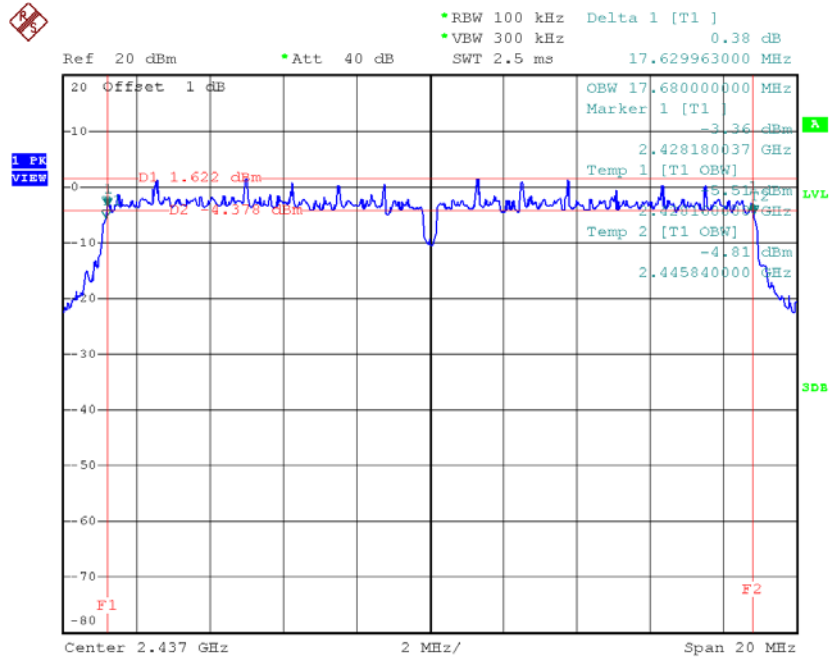
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.64	17.68	500	Complies
2437	17.63	17.68	500	Complies
2462	17.4	17.68	500	Complies

TX CH01



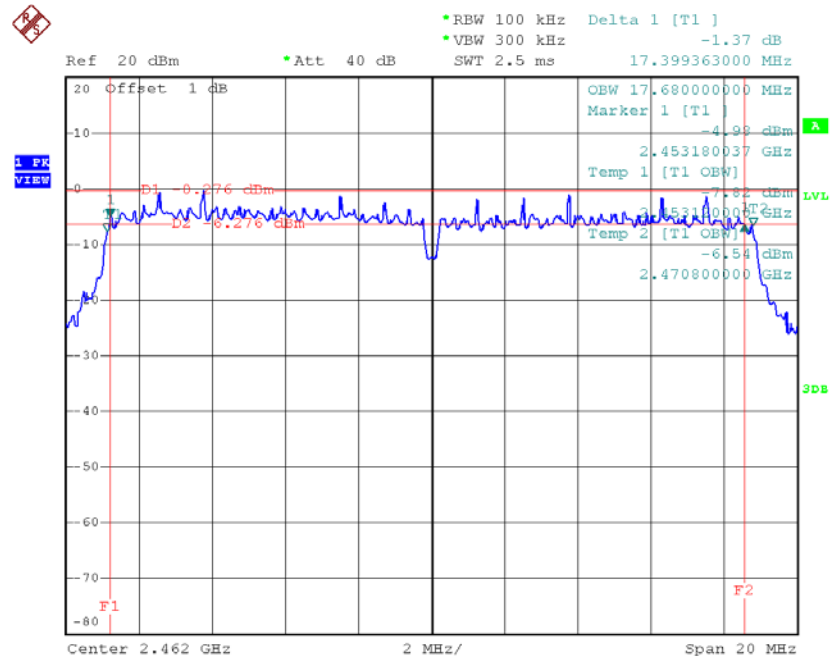
Date: 22.DEC.2016 19:06:18

TX CH06



Date: 22.DEC.2016 19:07:58

TX CH11



Date: 22.DEC.2016 19:09:19

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	13.48	0.02	30.00	1.00	Complies
2437	13.42	0.02	30.00	1.00	Complies
2462	13.78	0.02	30.00	1.00	Complies

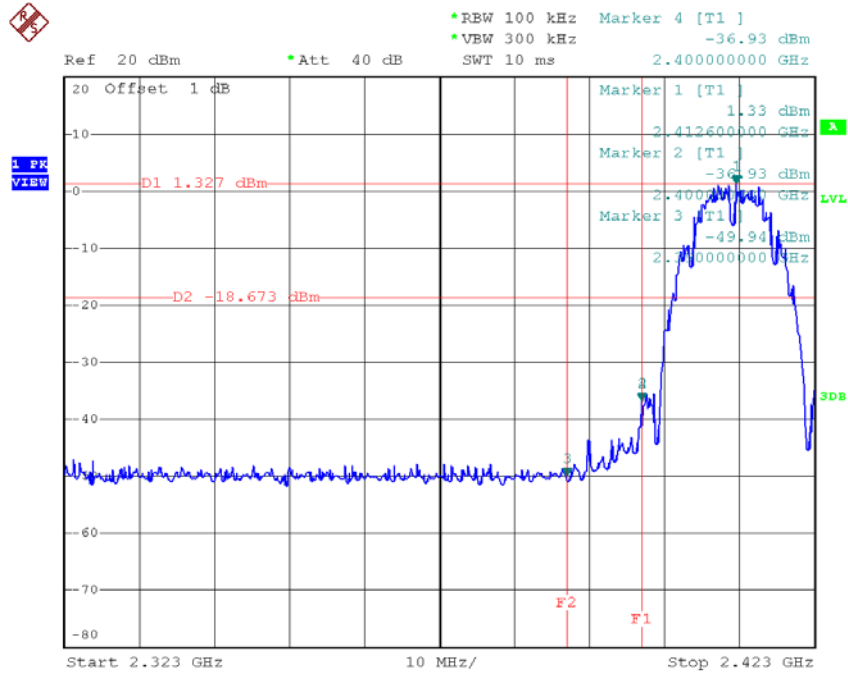
Test Mode :TX G Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	12.81	0.02	30.00	1.00	Complies
2437	12.57	0.02	30.00	1.00	Complies
2462	12.64	0.02	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	11.85	0.02	30.00	1.00	Complies
2437	11.46	0.01	30.00	1.00	Complies
2462	11.54	0.01	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

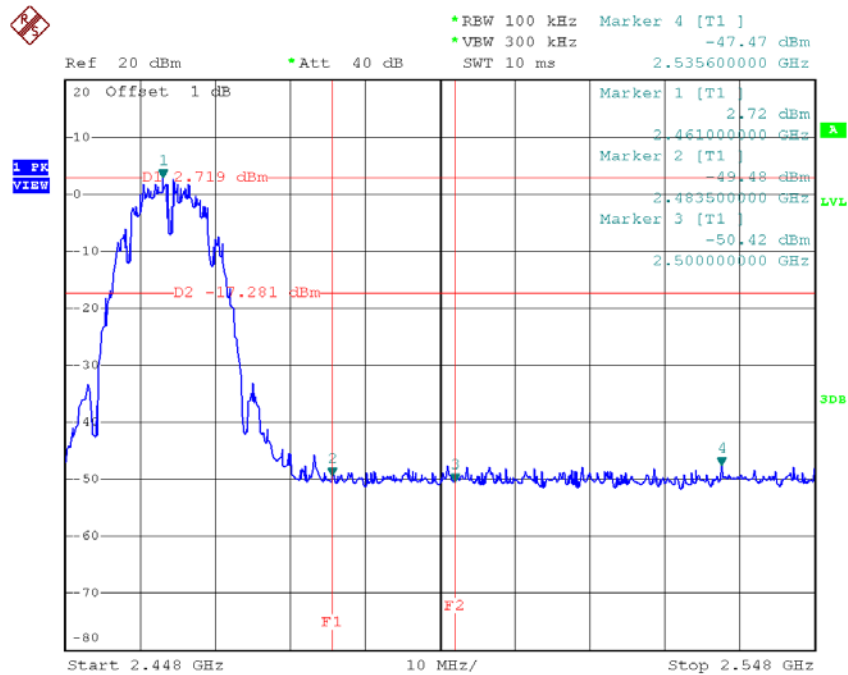
Test Mode : TX B Mode

TX B mode CH01



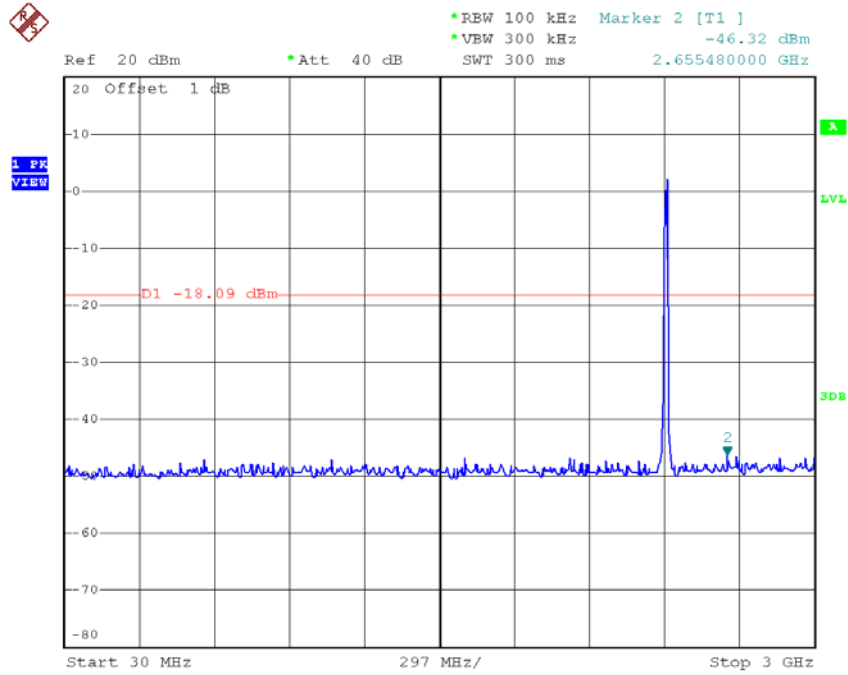
Date: 22.DEC.2016 18:55:43

TX B mode CH11

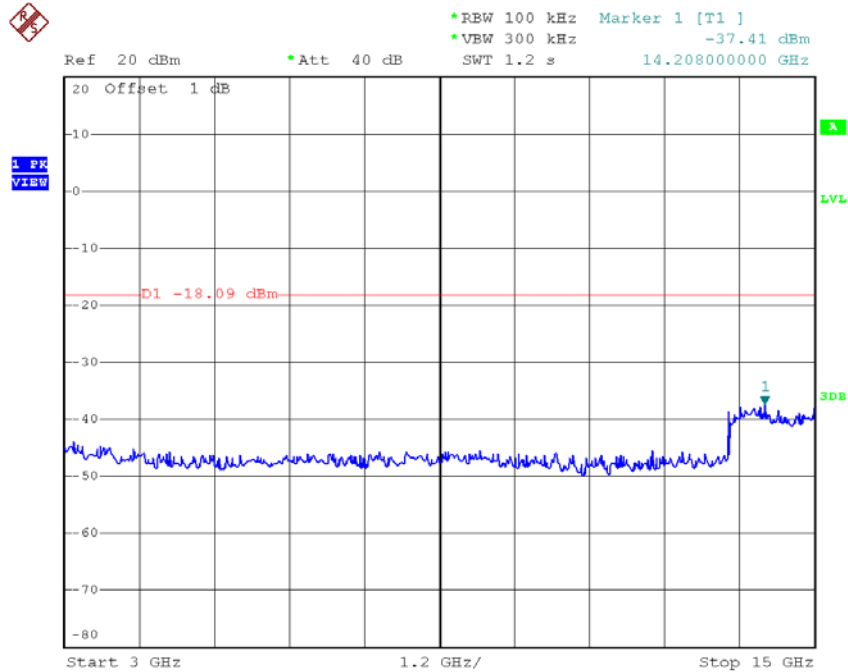


Date: 22.DEC.2016 19:00:43

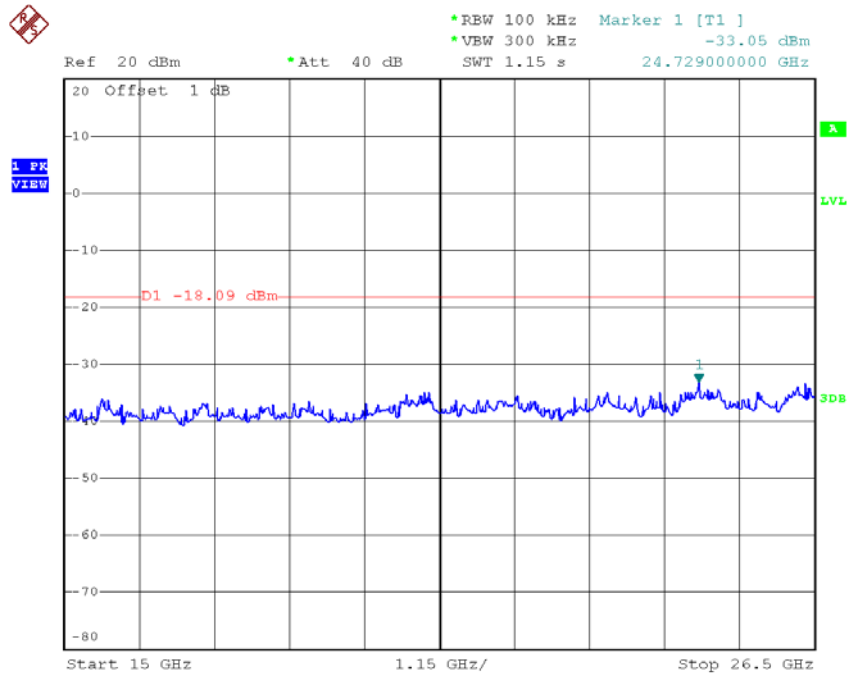
TX B mode CH01 (10 Harmonic of the frequency)



Date: 22.DEC.2016 18:55:19

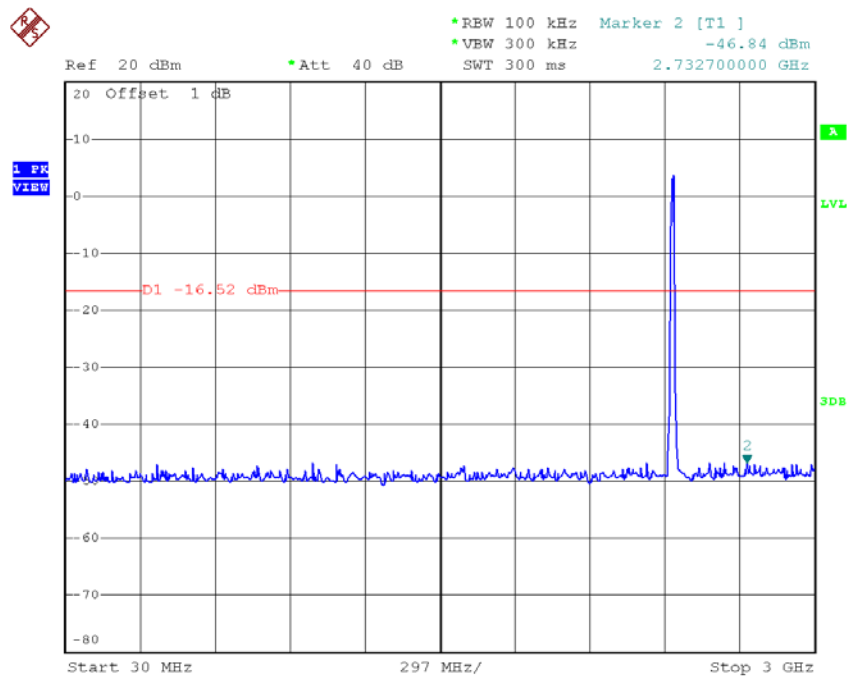


Date: 22.DEC.2016 18:55:27

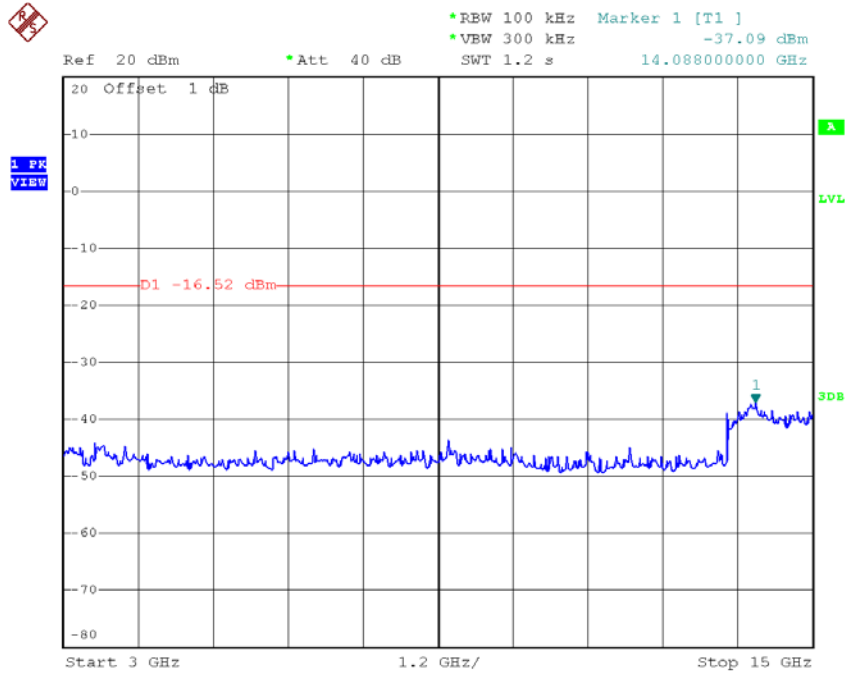


Date: 22.DEC.2016 18:55:35

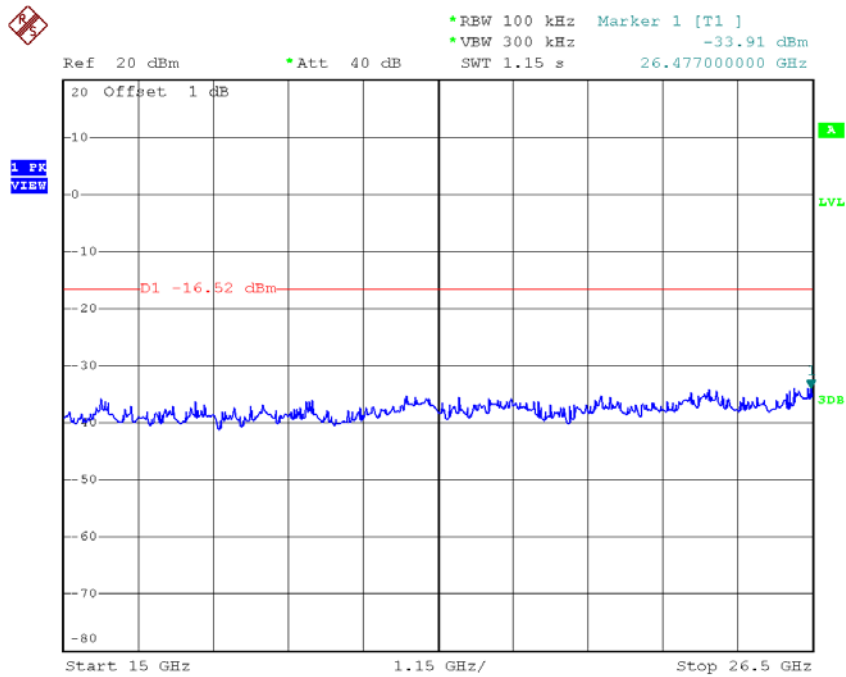
TX B mode CH06 (10 Harmonic of the frequency)



Date: 22.DEC.2016 18:58:40

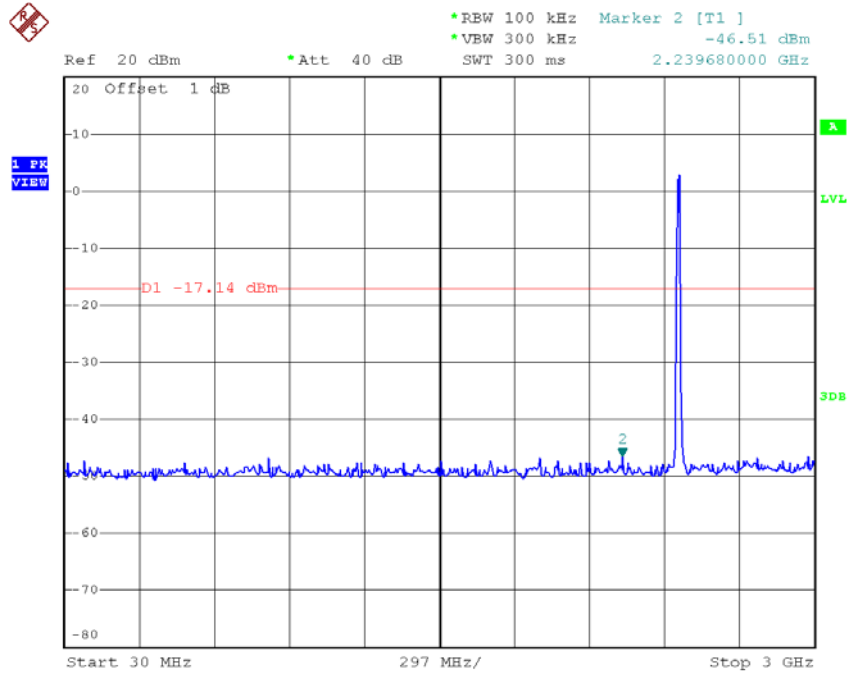


Date: 22.DEC.2016 18:58:49

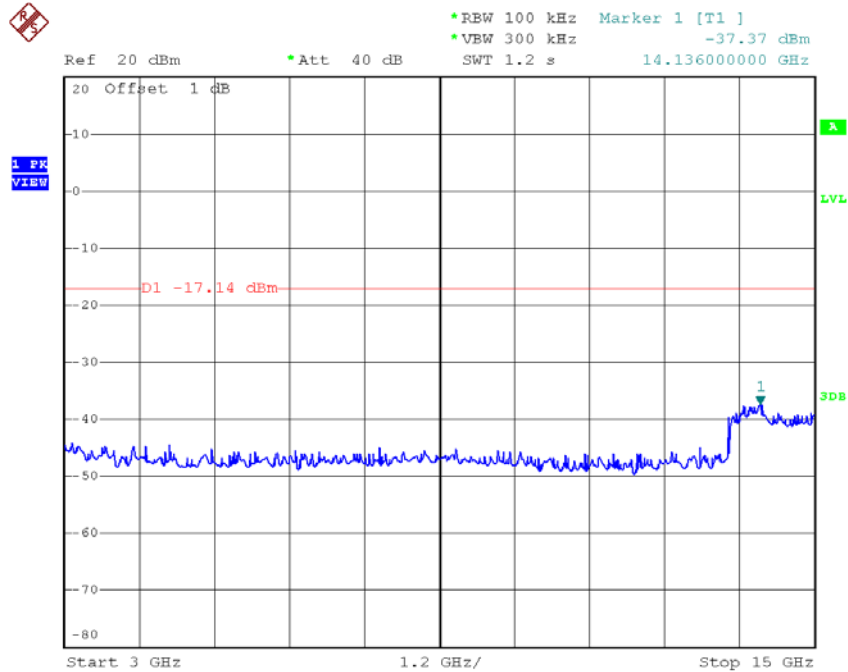


Date: 22.DEC.2016 18:58:57

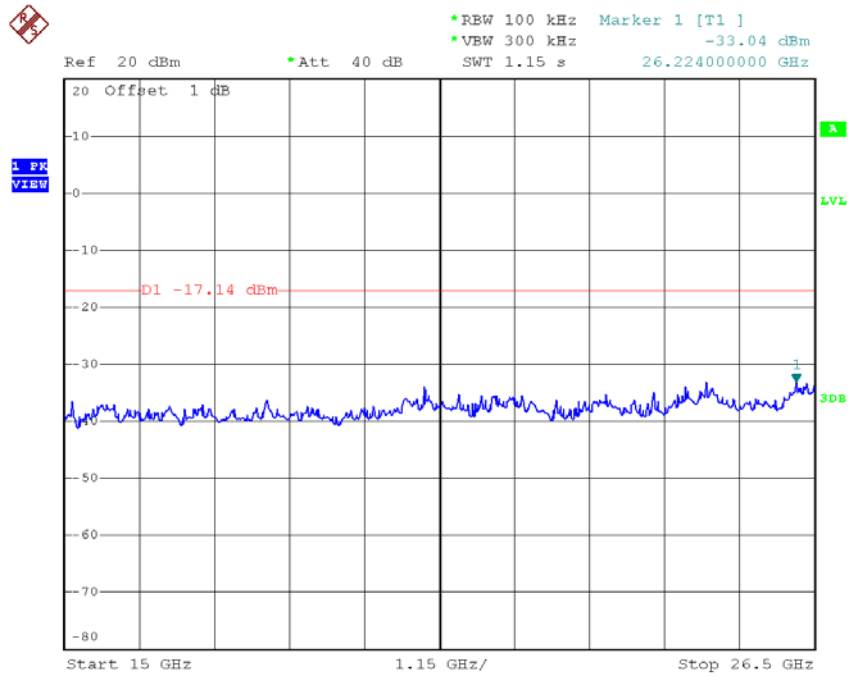
TX B mode CH11 (10 Harmonic of the frequency)



Date: 22.DEC.2016 19:00:18



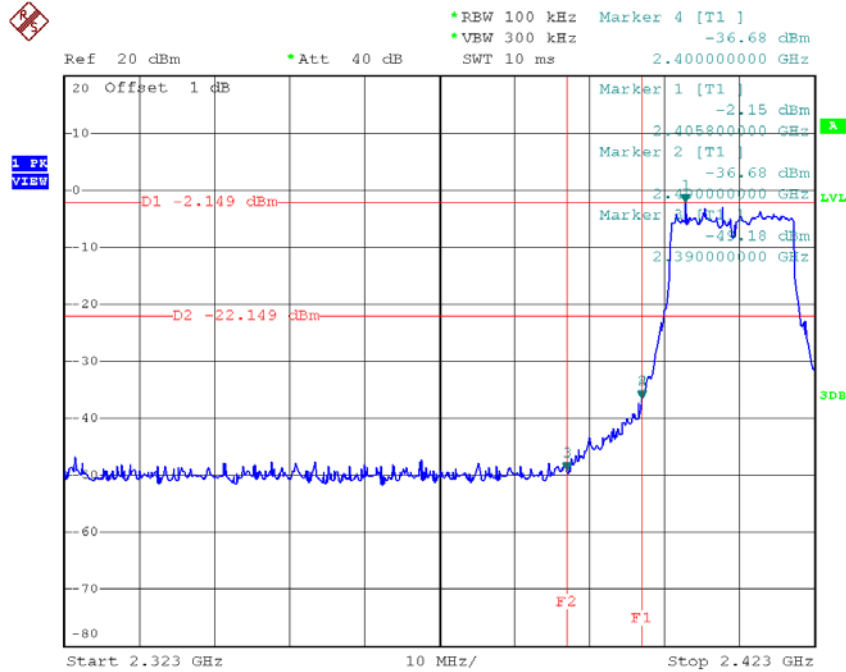
Date: 22.DEC.2016 19:00:27



Date: 22.DEC.2016 19:00:35

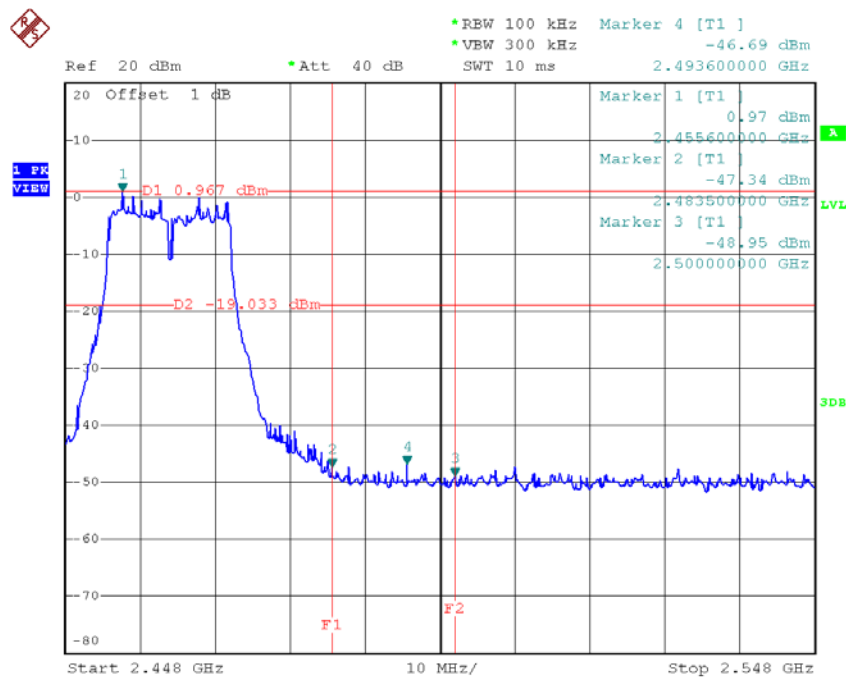
Test Mode : TX G Mode

TX G mode CH01



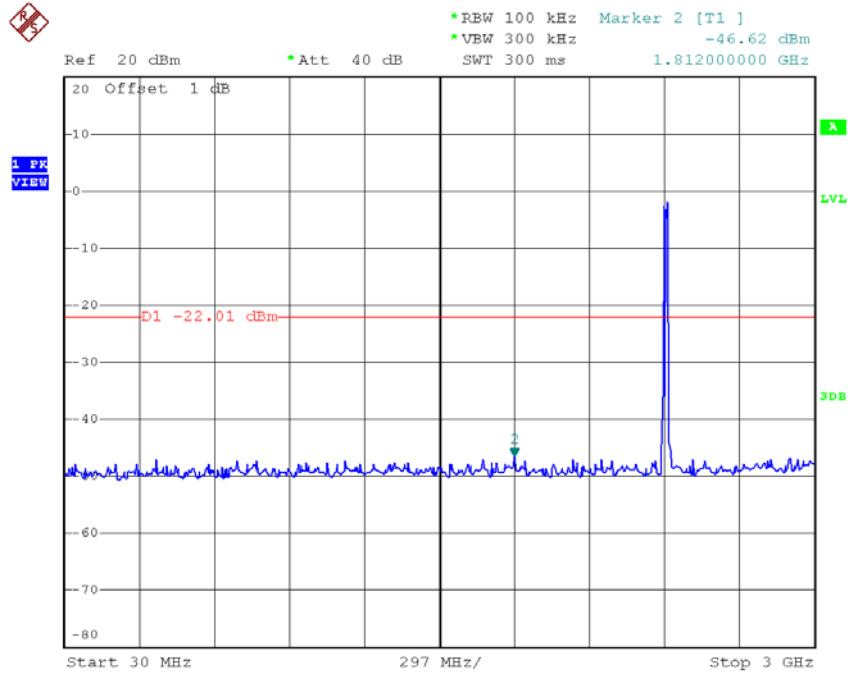
Date: 22.DEC.2016 19:02:22

TX G mode CH11

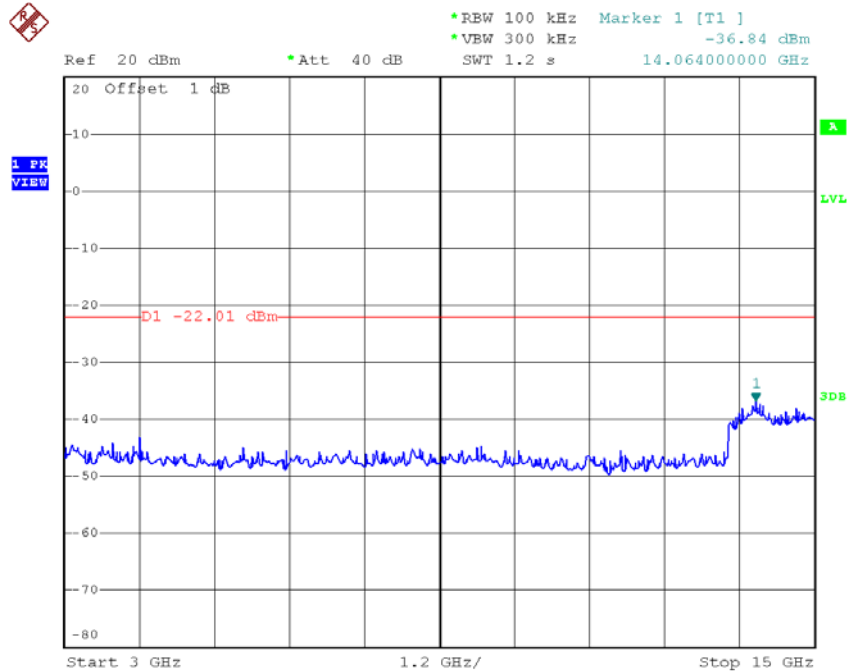


Date: 22.DEC.2016 19:05:28

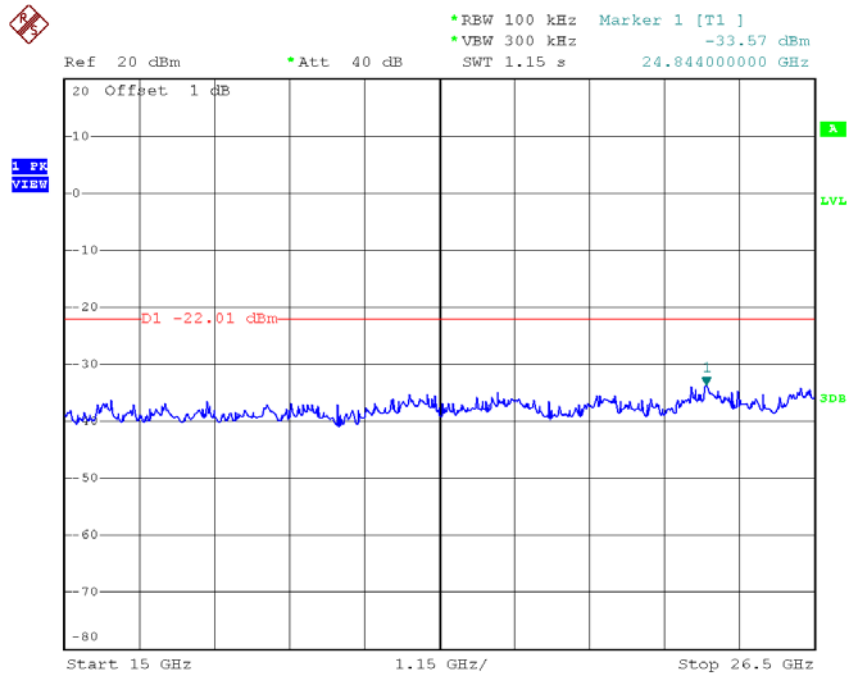
TX G mode CH01 (10 Harmonic of the frequency)



Date: 22.DEC.2016 19:01:58

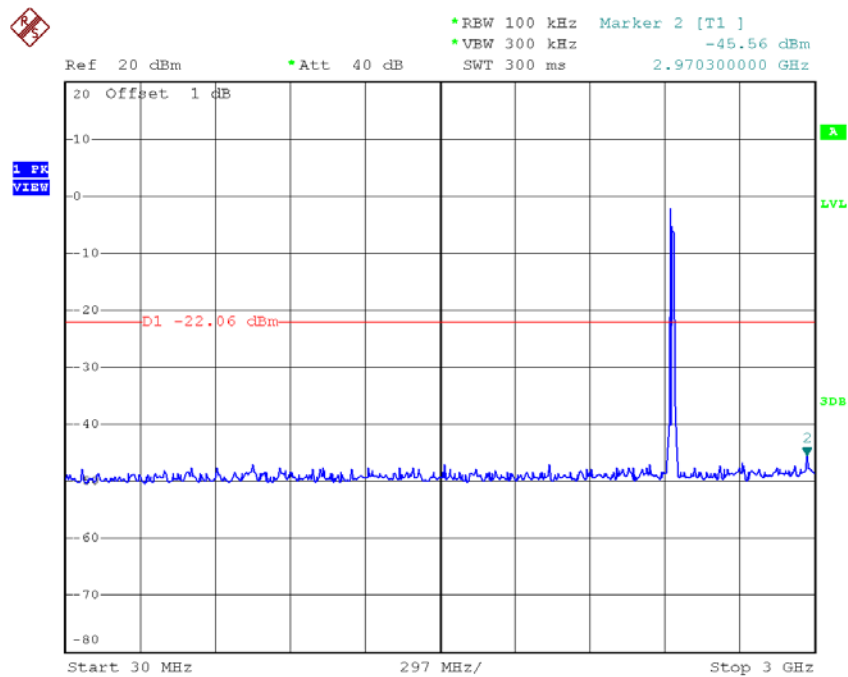


Date: 22.DEC.2016 19:02:06

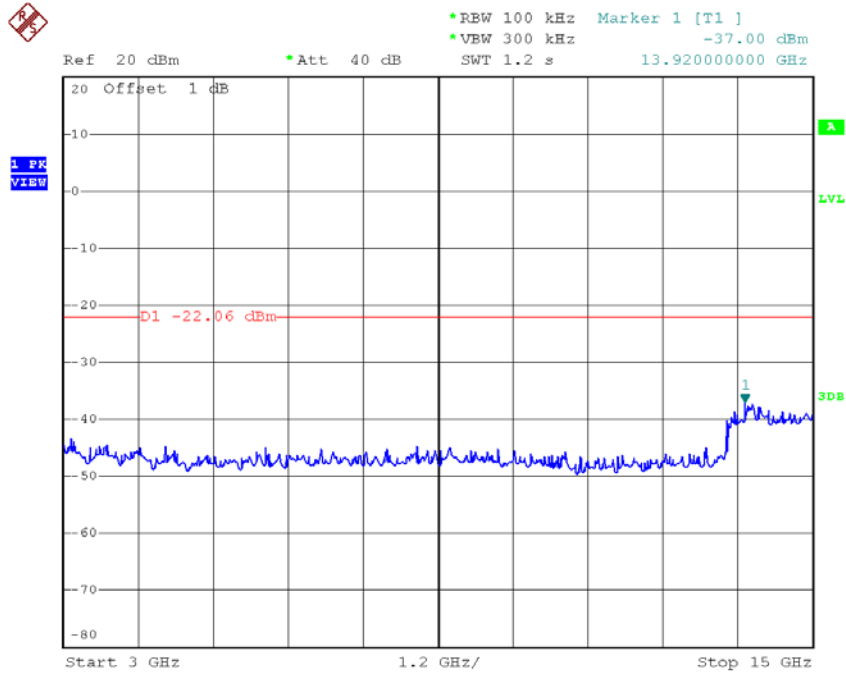


Date: 22.DEC.2016 19:02:14

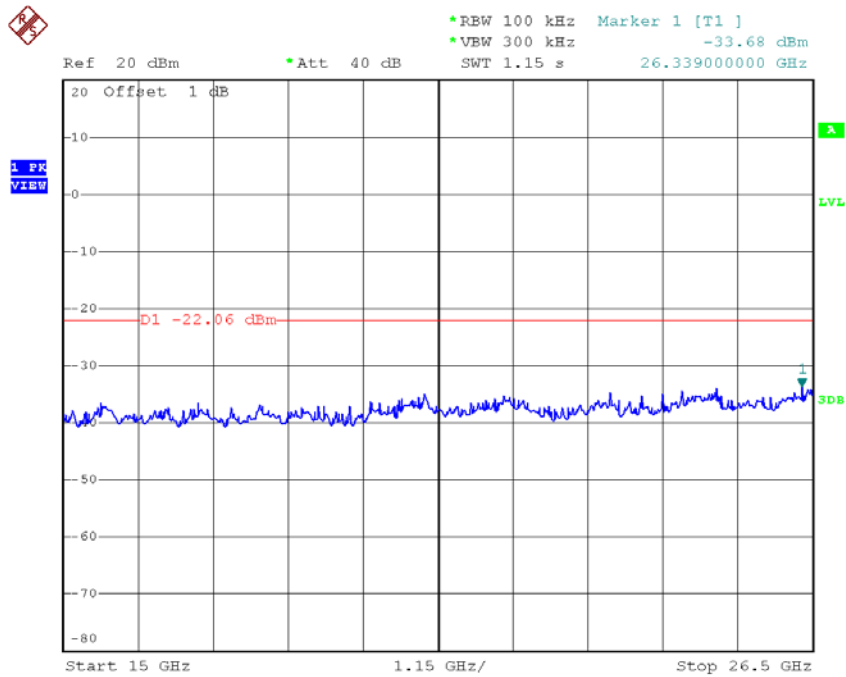
TX G mode CH06 (10 Harmonic of the frequency)



Date: 22.DEC.2016 19:03:34

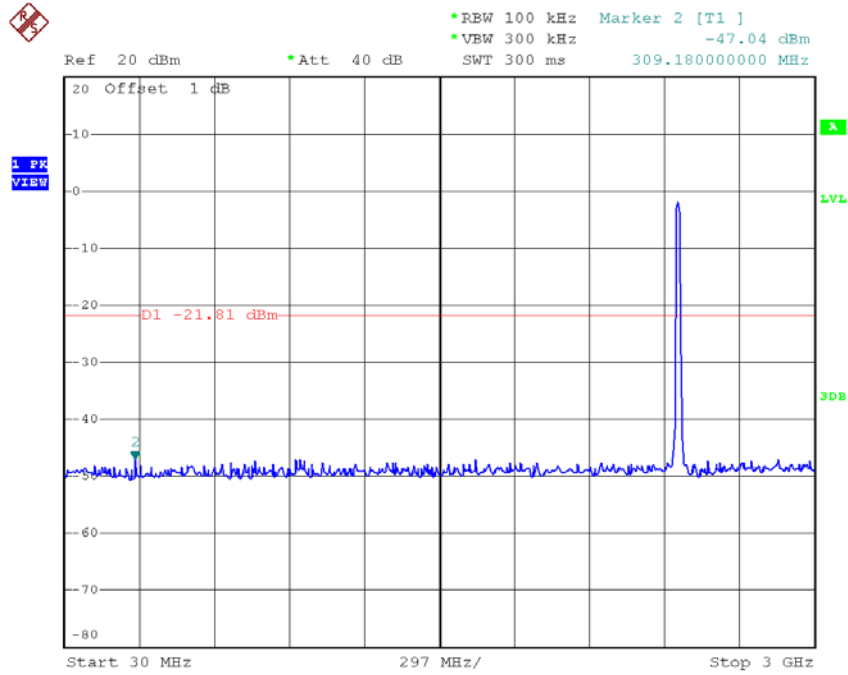


Date: 22.DEC.2016 19:03:42

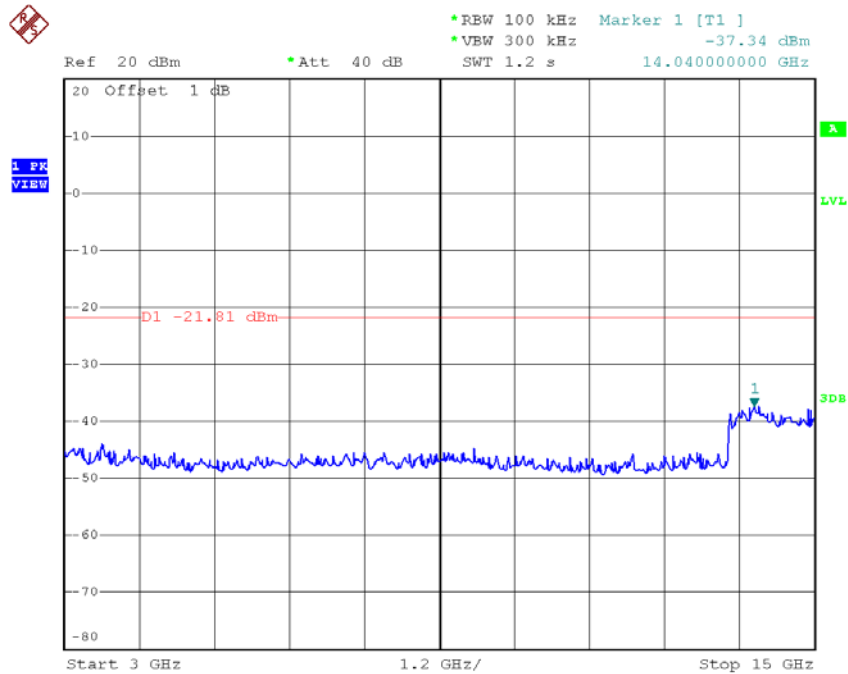


Date: 22.DEC.2016 19:03:51

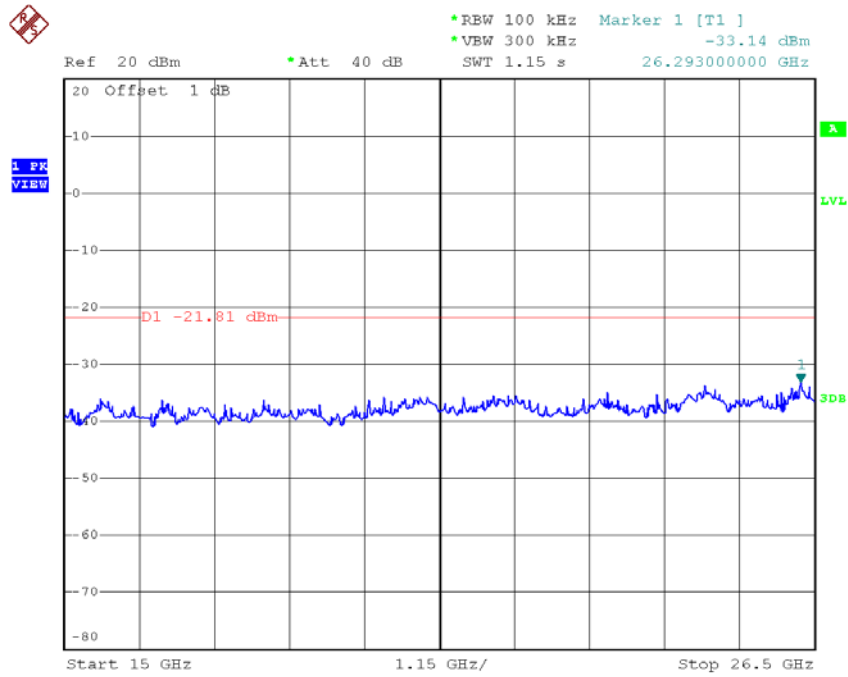
TX G mode CH11 (10 Harmonic of the frequency)



Date: 22.DEC.2016 19:05:03



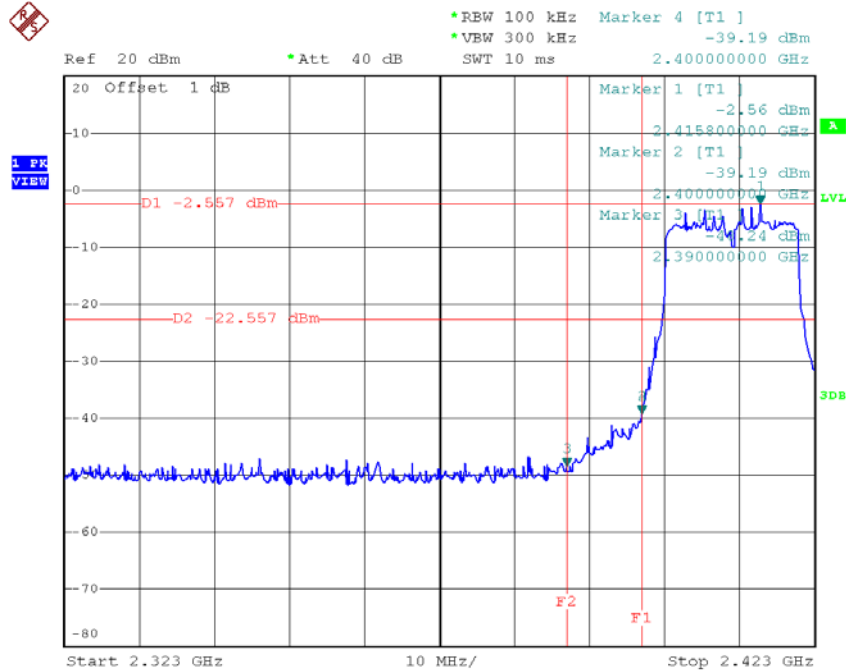
Date: 22.DEC.2016 19:05:11



Date: 22.DEC.2016 19:05:20

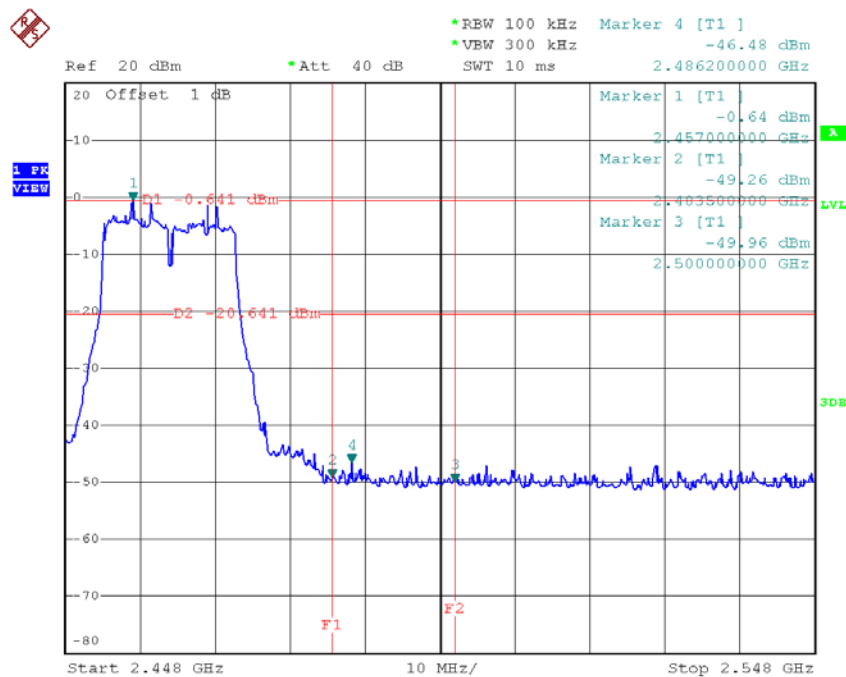
Test Mode : TX N-20M Mode

TX HT20 mode CH01



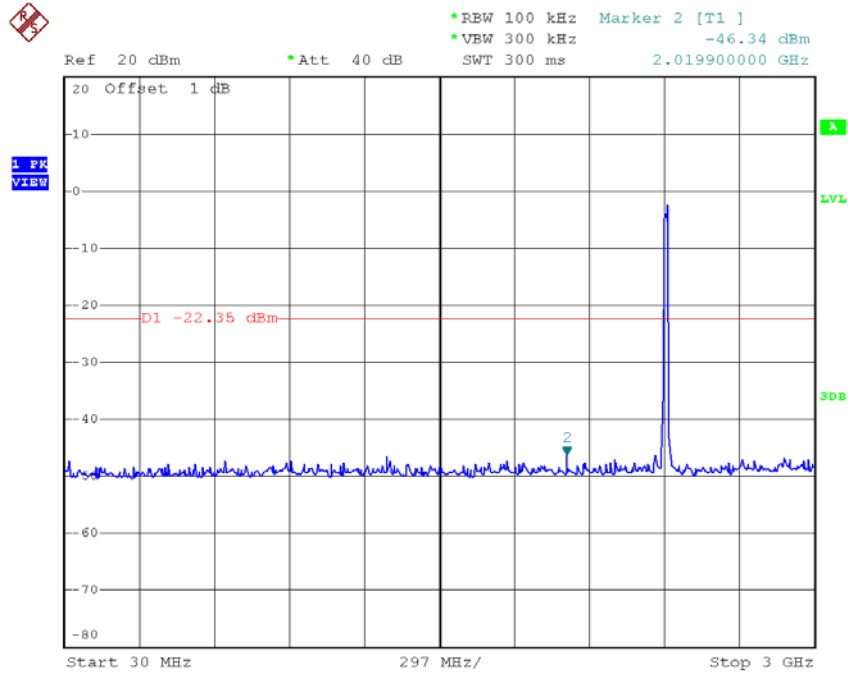
Date: 22.DEC.2016 19:06:56

TX HT20 mode CH11

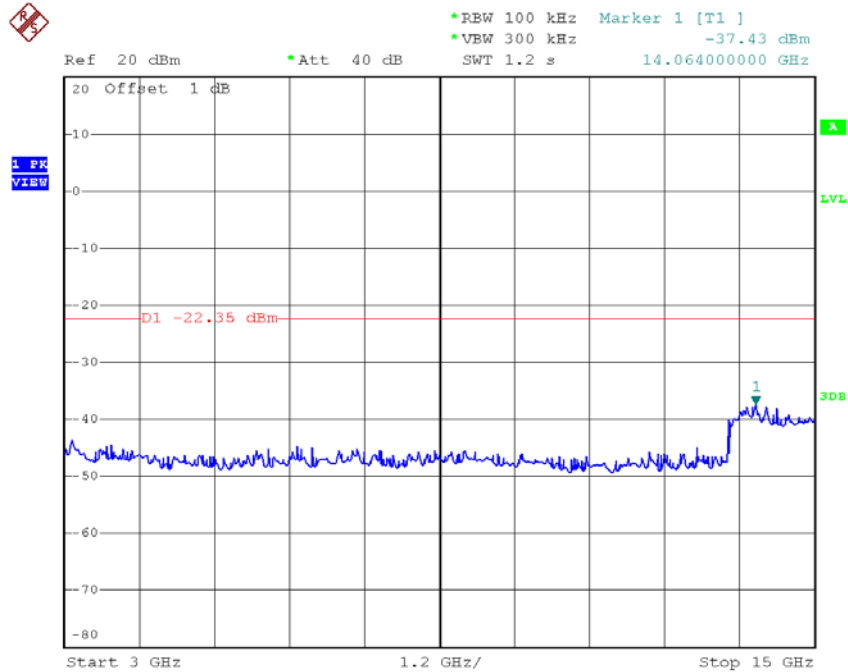


Date: 22.DEC.2016 19:09:58

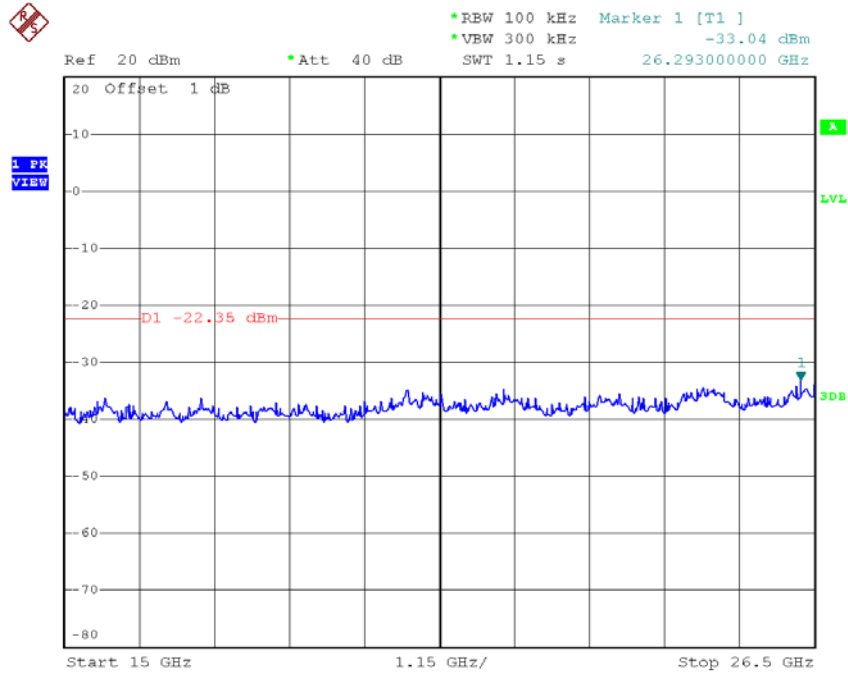
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 22.DEC.2016 19:06:32

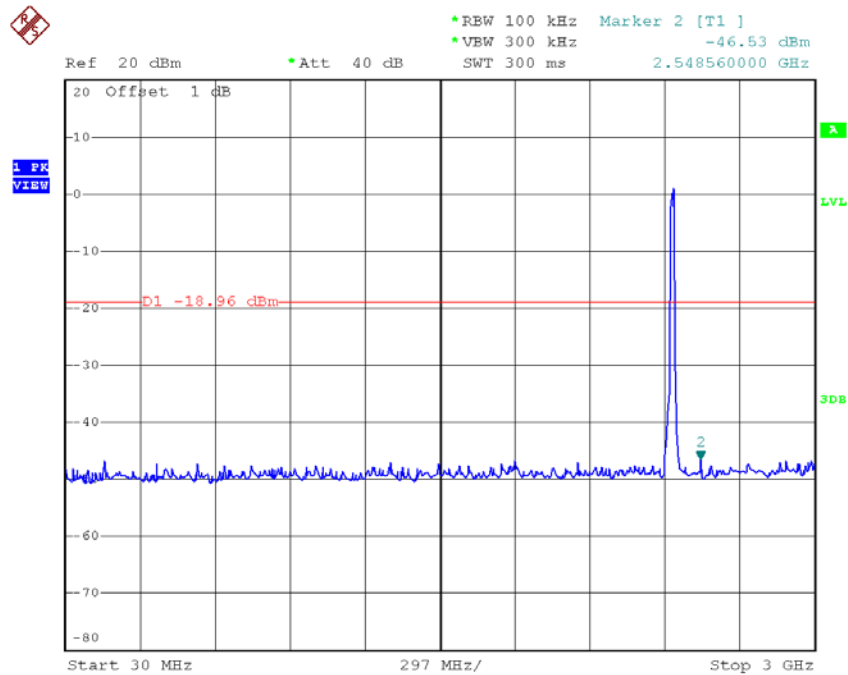


Date: 22.DEC.2016 19:06:40

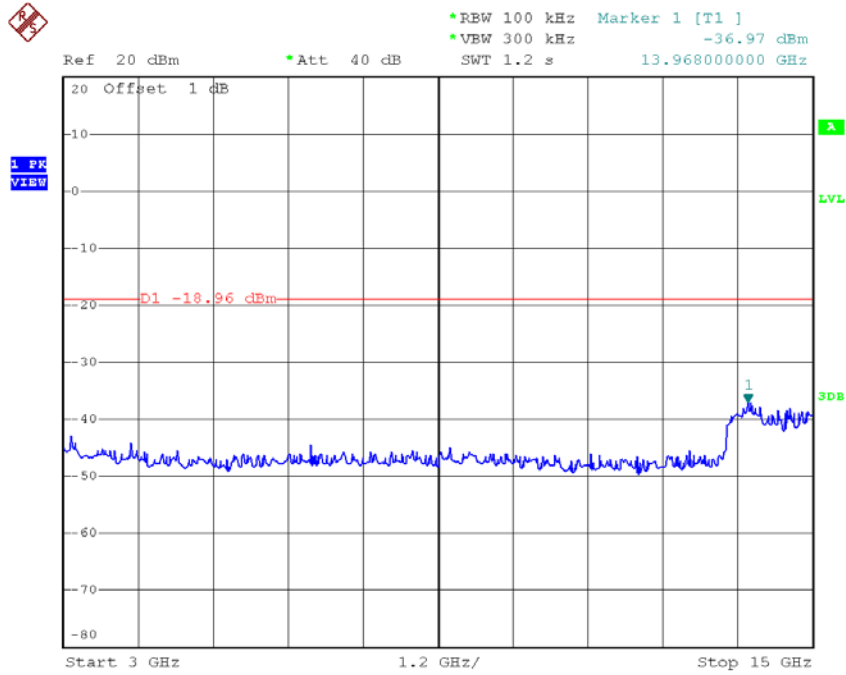


Date: 22.DEC.2016 19:06:49

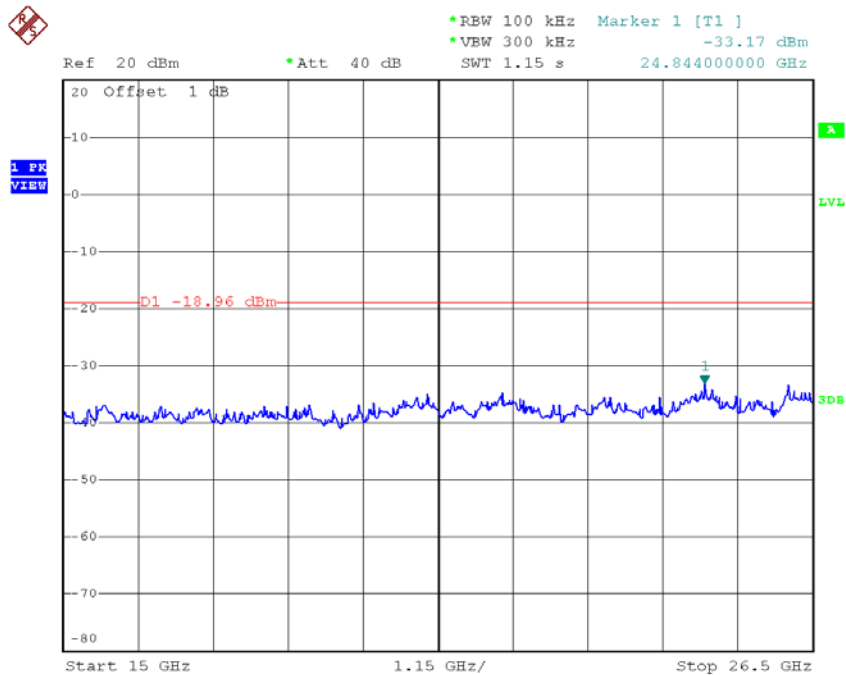
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 22.DEC.2016 19:08:12

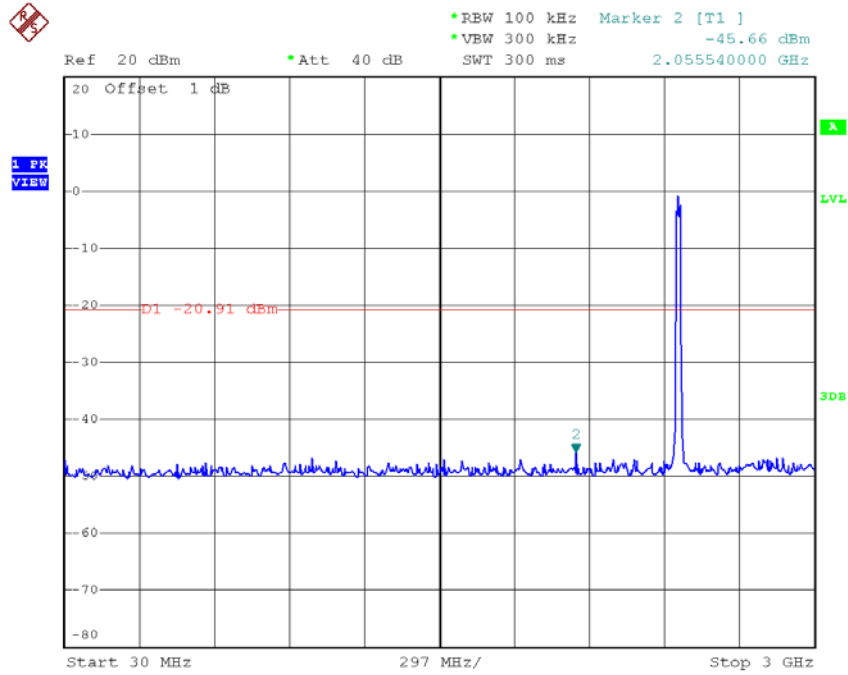


Date: 22.DEC.2016 19:08:21

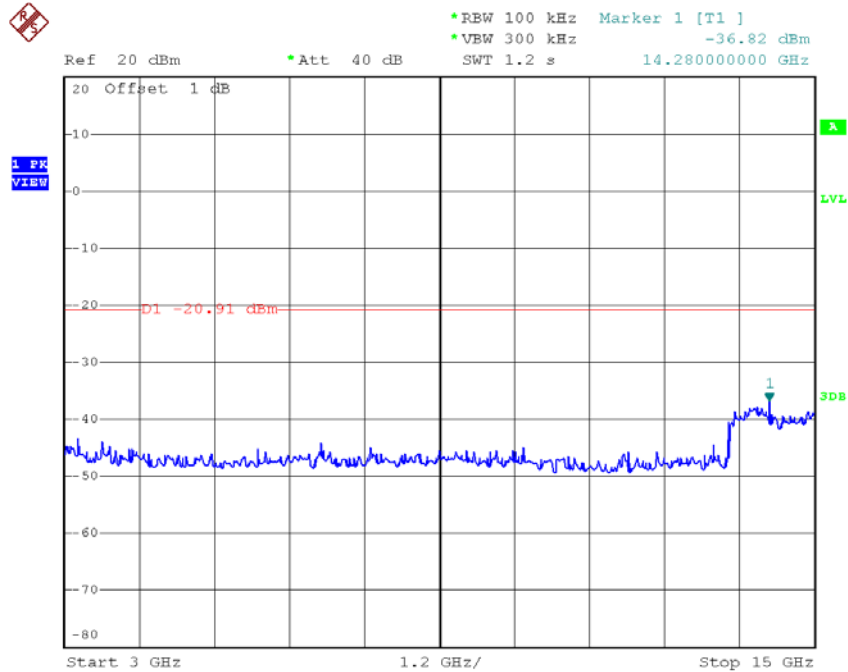


Date: 22.DEC.2016 19:08:29

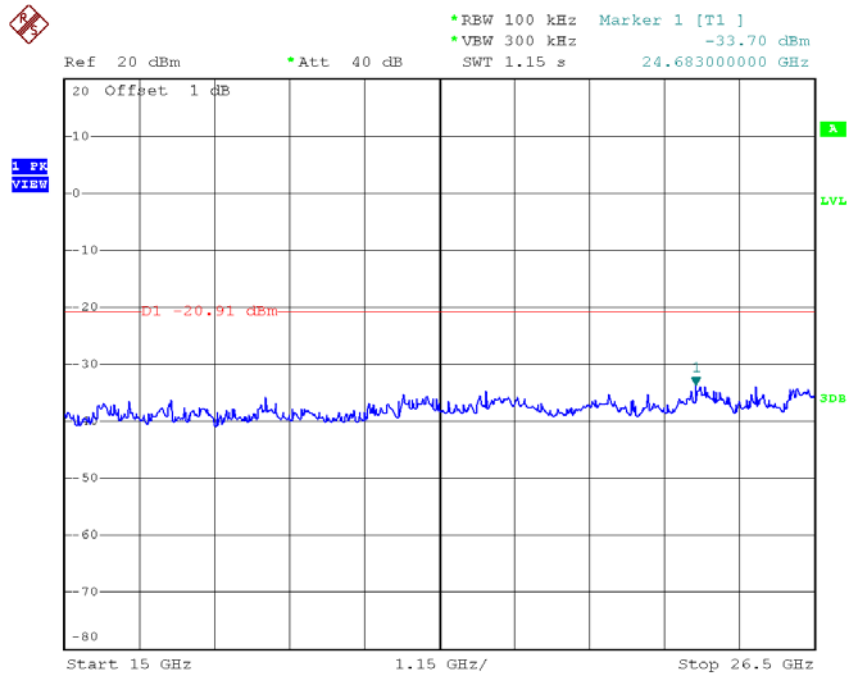
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 22.DEC.2016 19:09:33



Date: 22.DEC.2016 19:09:42



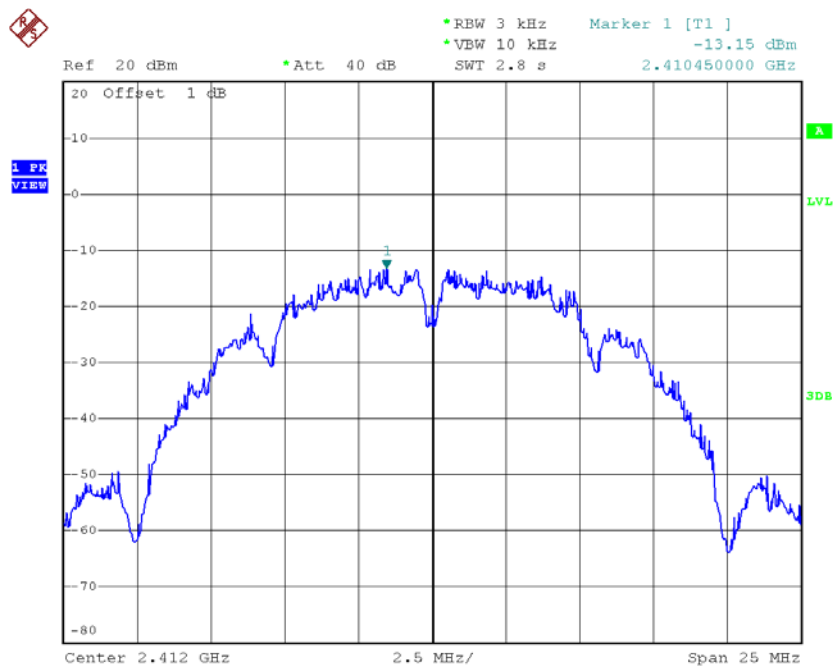
Date: 22.DEC.2016 19:09:50

ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11

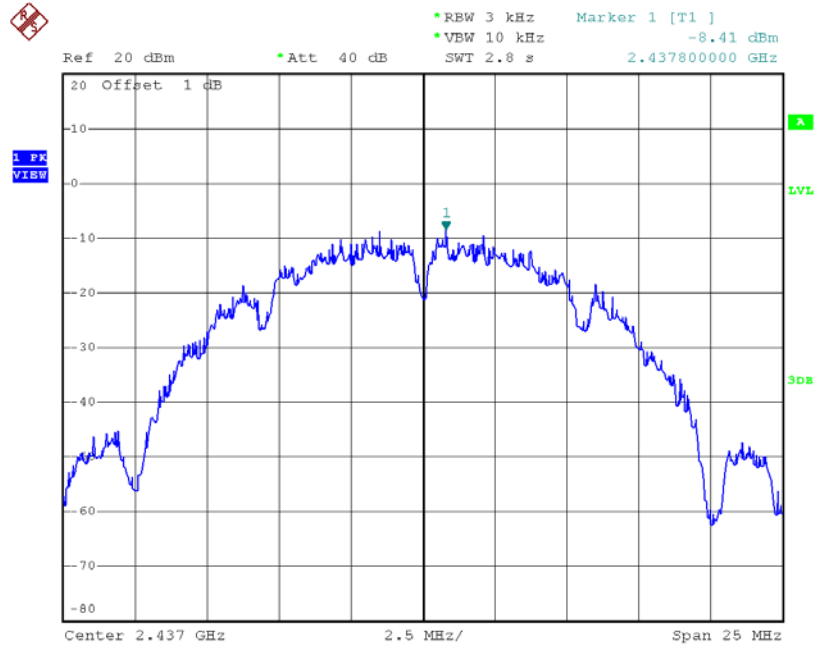
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.15	0.0484	8.00	Complies
2437	-8.41	0.1442	8.00	Complies
2462	-11.96	0.0637	8.00	Complies

TX CH01



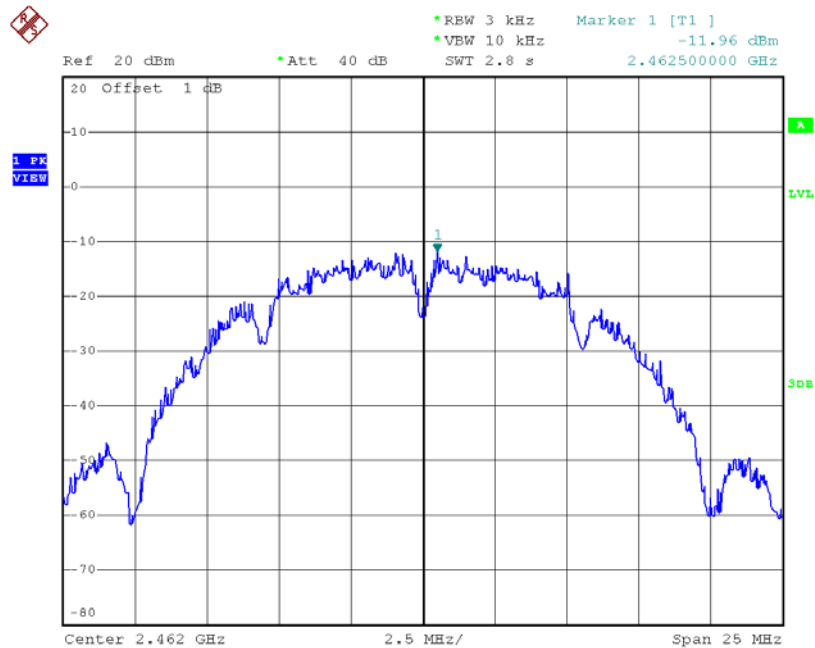
Date: 22.DEC.2016 18:54:37

TX CH06



Date: 22.DEC.2016 18:59:06

TX CH11

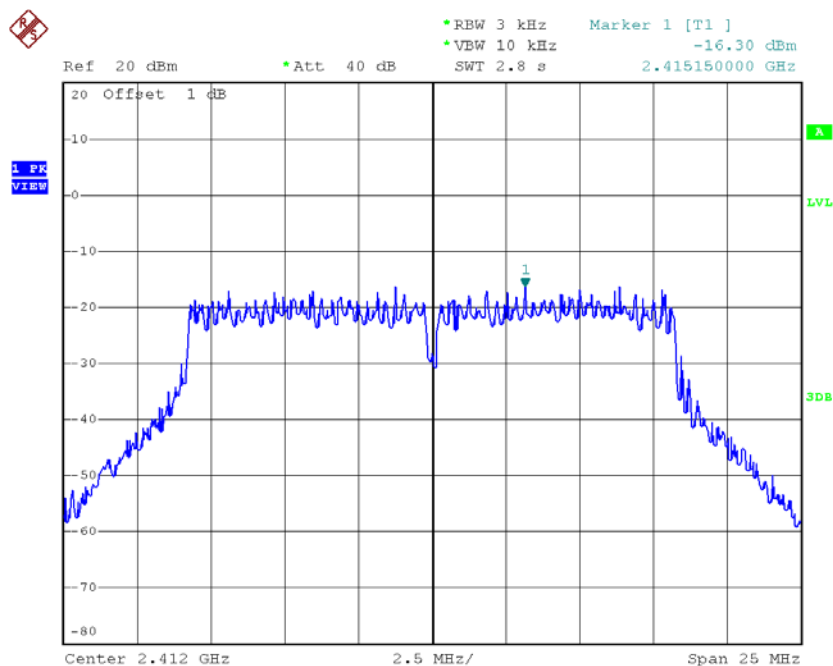


Date: 22.DEC.2016 19:00:52

Test Mode :TX G Mode_CH01/06/11

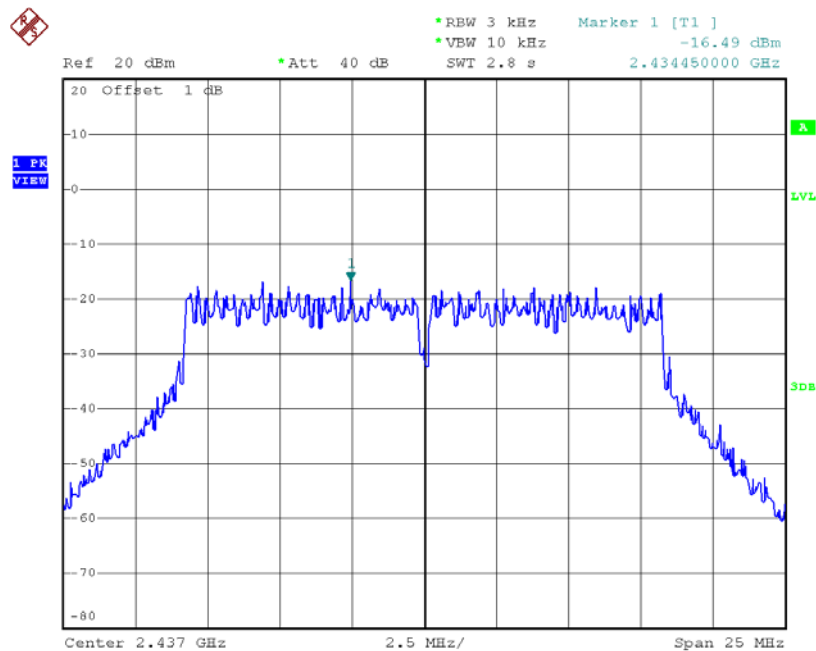
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.30	0.0234	8.00	Complies
2437	-16.49	0.0224	8.00	Complies
2462	-13.45	0.0452	8.00	Complies

TX CH01



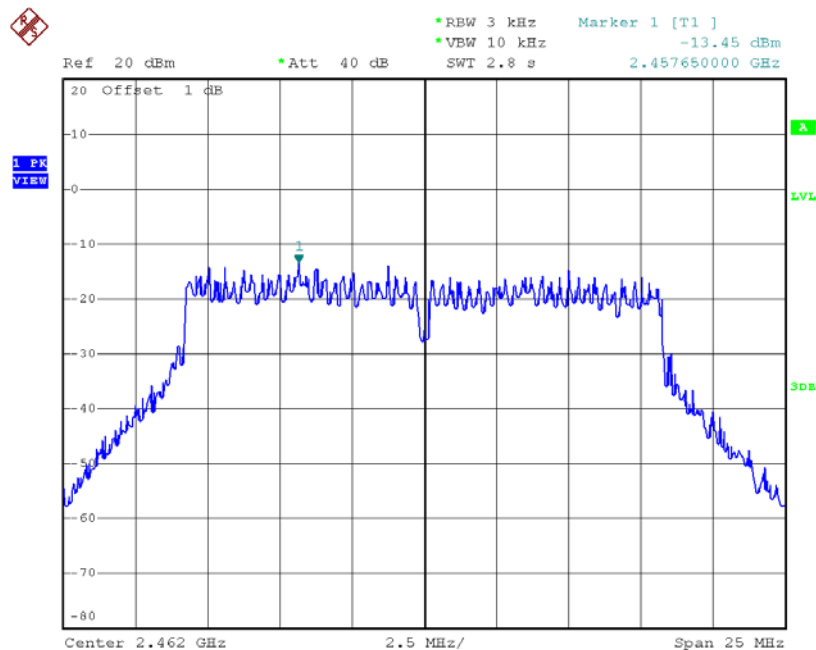
Date: 22.DEC.2016 19:02:31

TX CH06



Date: 22.DEC.2016 19:04:00

TX CH11

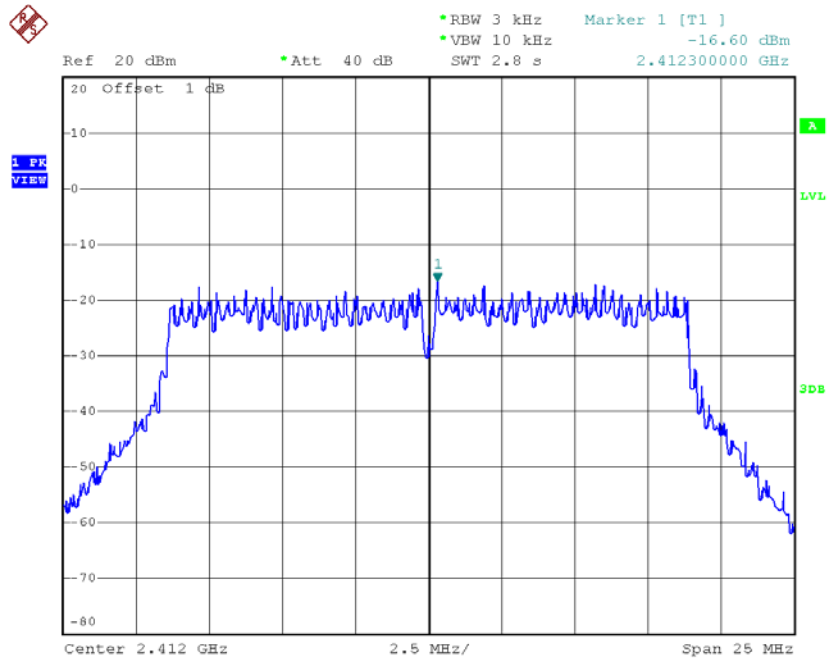


Date: 22.DEC.2016 19:05:37

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

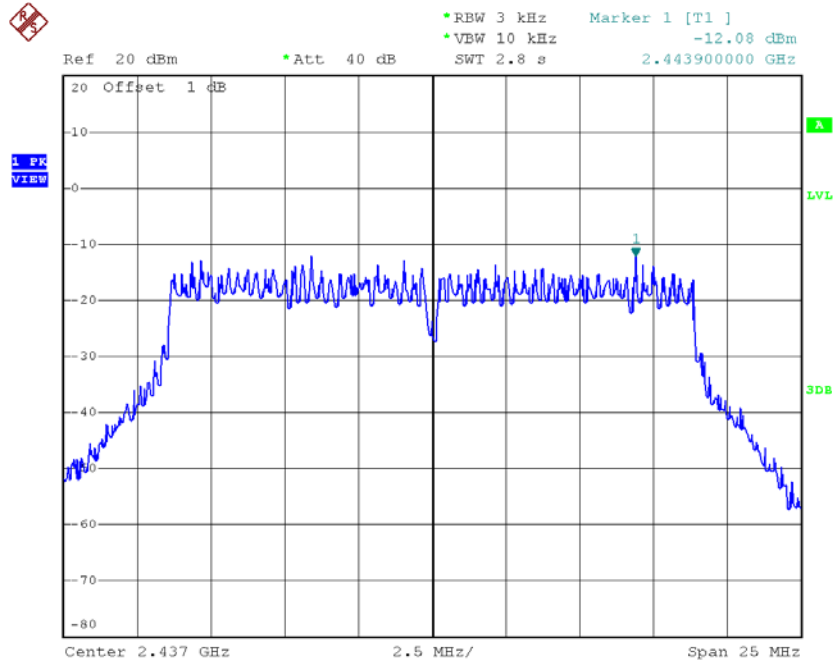
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.60	0.0219	8.00	Complies
2437	-12.08	0.0619	8.00	Complies
2462	-14.63	0.0344	8.00	Complies

TX CH01



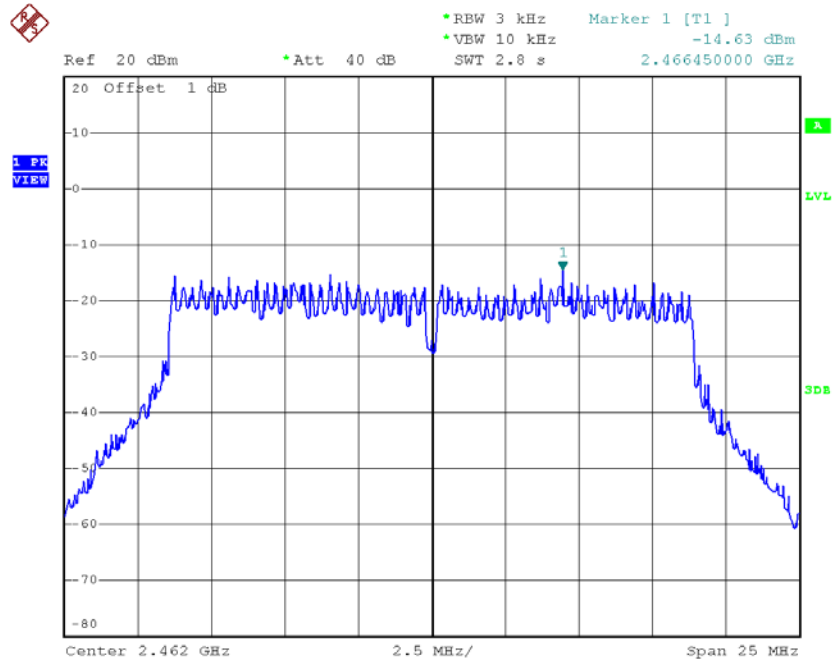
Date: 22.DEC.2016 19:07:06

TX CH06



Date: 22.DEC.2016 19:08:38

TX CH11



Date: 22.DEC.2016 19:10:07