FCC Radio Test Report

FCC ID: VOB-P2897

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

Project No.	:	1602C038
Equipment	:	SHIELD Android TV Game Console
Model Name	:	P2897
Applicant	:	NVIDIA Corporation
Address	:	2701 San Tomas Expressway, Santa Clara,CA,95050,USA

Date of Receipt	:	Feb. 14, 2016
Date of Test	:	Feb. 14, 2016 ~ Jul. 11, 2016
Issued Date	:	Jul. 12, 2016
Tested by	:	BTL Inc.

Testing Engineer : Shawn Xiao
(Shawn Xiao)

Technical Manager : Steven Lu
(David Mao)

Authorized Signatory : David Mao
(Steven Lu)

BTL INC.

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-3-1602C038	Original Issue.	Jul. 12, 2016

1. CERTIFICATION

Equipment	:	SHIELD Android TV Game Console
Brand Name	:	NVIDIA
Model Name	:	P2897
Applicant	:	NVIDIA Corporation
Manufacturer	:	NVIDIA Corporation
Address	:	2701 San Tomas Expressway, Santa Clara,CA,95050,USA
Date of Test	:	Jul. 05, 2016 ~ Jul. 05, 2016
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-3-1602C038) 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 result included in this report is only for the WIFI 2.4G 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	
15.209/15.205	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 ± 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	SHIELD Android TV Game Console	
Brand Name	NVIDIA	
Model Name	P2897	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2472 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.) for CH01 – CH11	802.11b: 23.26dBm 802.11g: 26.05dBm 802.11n(20MHz): 28.45dBm
	Output Power (Max.) for CH12	802.11b: 19.85dBm 802.11g: 14.54dBm 802.11n(20MHz): 26.59dBm
	Output Power (Max.) for CH13	802.11b: 17.19dBm 802.11g: 17.78dBm 802.11n(20MHz): 21.26dBm
Power Source	DC Voltage supplied from adapter. Manufacturer: FSP GROUP INC. Model: SPA040A19W2	
Power Rating	Adapter: Input: 100-240V~,1.2A,50-60Hz Output: 19.0V⎓2.1A EUT: Input: 19Vdc, 2.1A	

Note:

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

CH01 – CH13 for 802.11b, 802.11g, 802.11n(20MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452	13	2472
02	2417	06	2437	10	2457		
03	2422	07	2442	11	2462		
04	2427	08	2447	12	2467		

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	NVIDIA Corporation	N/A	Monopole Antenna	N/A	3.88
2	NVIDIA Corporation	N/A	Monopole Antenna	N/A	2.80

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides two completed two transmitters and two receivers (2T2R). all transmit signals are completely correlated, then, Direction gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2/N]$, that is
   Directional gain=$10 \log[(10^{3.88/20} + 10^{2.80/20})^2/2]$ = 6.37dBi
2. The Output Power limit is 30-6.37+6 = 29.63 dBm
3. The PSD limit is 8-6.37+6 = 7.63 dBm

4.

Operating Mode / TX Mode	1TX	2TX
802.11b	V (ANT 1 or ANT 2)	-
802.11g	V (ANT 1 or ANT 2)	-
802.11n(20MHz)	-	V (ANT 1 + ANT 2)

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 B MODE CHANNEL 12
Mode 5	TX G MODE CHANNEL 12
Mode 6	TX N-20MHZ MODE CHANNEL 12
Mode 7	TX B MODE CHANNEL 13
Mode 8	TX G MODE CHANNEL 13
Mode 9	TX N-20MHZ MODE CHANNEL 13
Mode 10	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 10	TX MODE

For Radiated Test	
Final Test Mode	Description
Mode 11	TX B MODE CHANNEL 01/06/11
Mode 12	TX G MODE CHANNEL 01/06/11
Mode 13	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 14	TX B MODE CHANNEL 12
Mode 15	TX G MODE CHANNEL 12
Mode 16	TX N-20MHZ MODE CHANNEL 12
Mode 17	TX B MODE CHANNEL 13
Mode 18	TX G MODE CHANNEL 13
Mode 19	TX N-20MHZ MODE CHANNEL 13

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 (13Mbps)
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.

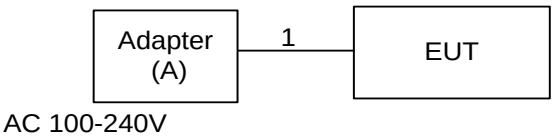
(4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle was less than 98%. The duty cycle factor was calculated accordingly.

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	2467	2472
802.11b_ANT1	62	76	62	59	46
802.11b_ANT2	62	76	62	59	46
802.11g_ANT1	62	76	54	53	21
802.11g_ANT2	50	70	53	53	21
802.11n (20MHz)	44	70	48	46	21

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.
A	Adapter	FSP Group Inc.	SPA040A19W2	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	AC 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

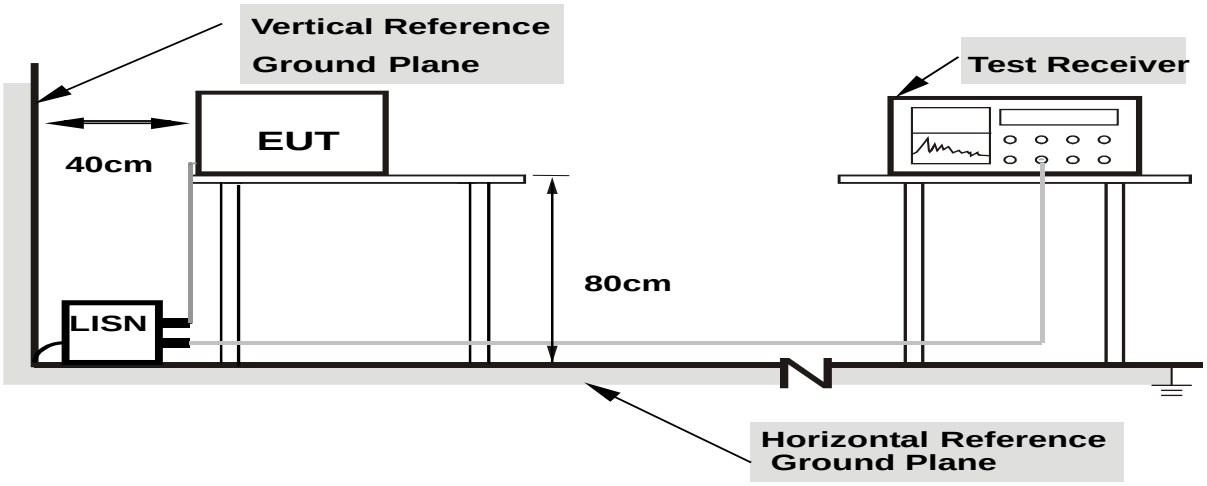
4.1.2 TEST PROCEDURE

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)	(dBuV/m) (at 3 meters)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C/RSS-247.

(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

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

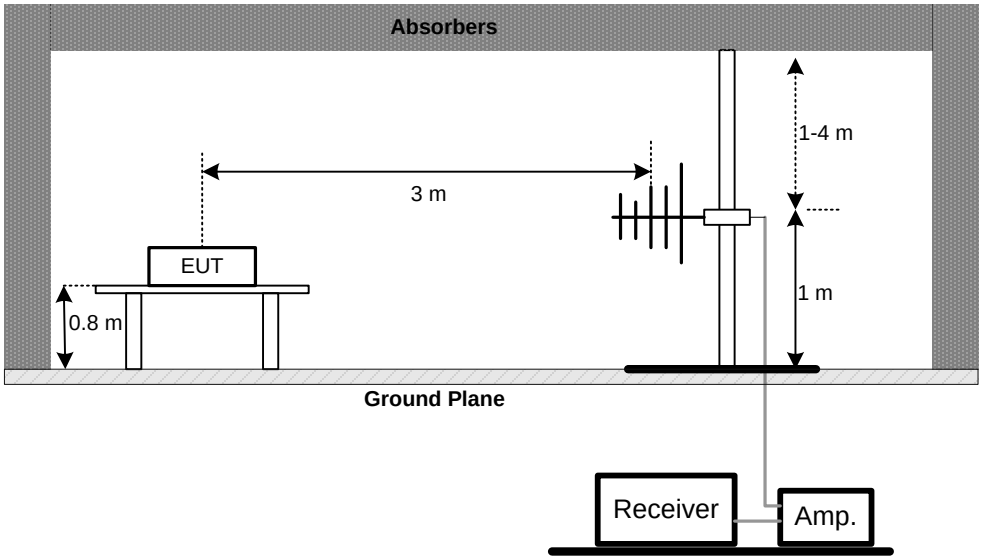
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

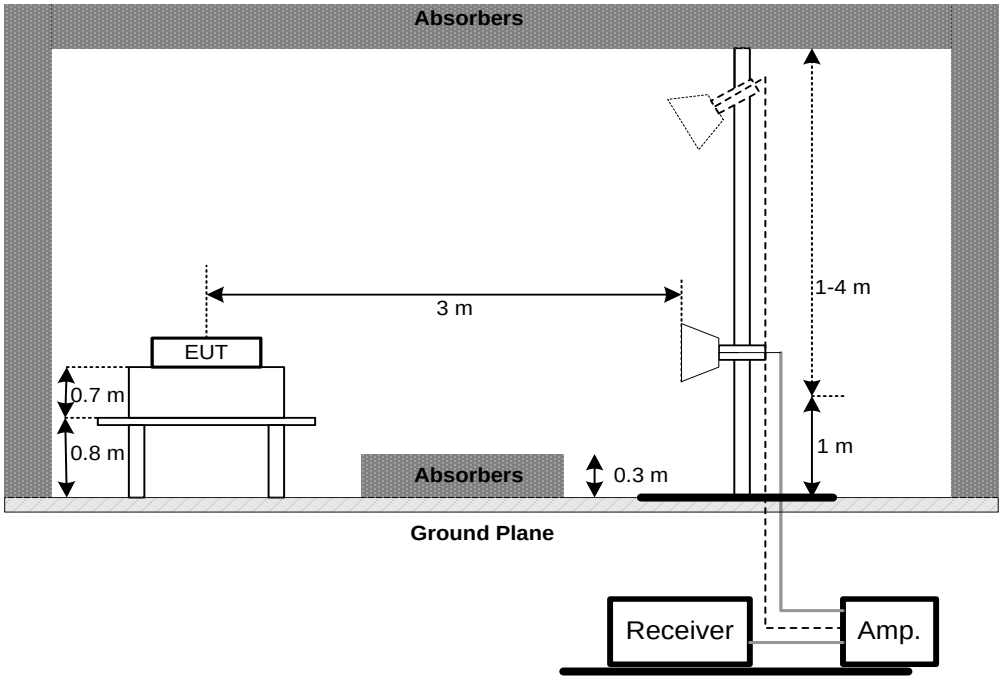
No deviation

4.2.4 TEST SETUP

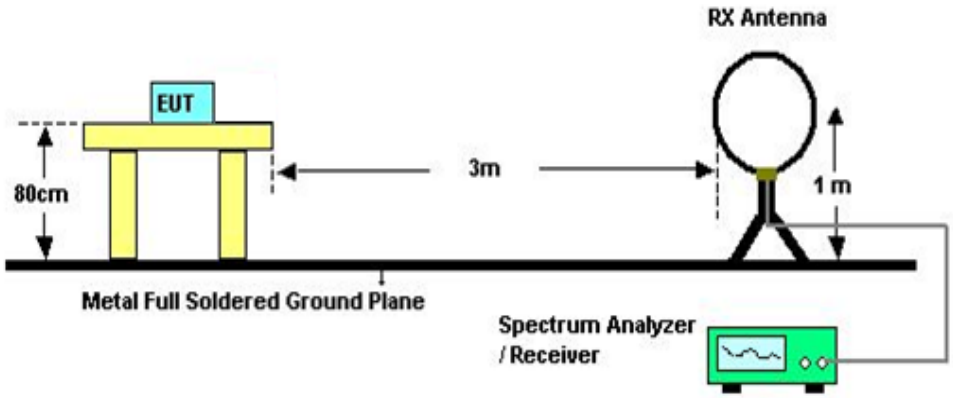
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(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 (specific distance / 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

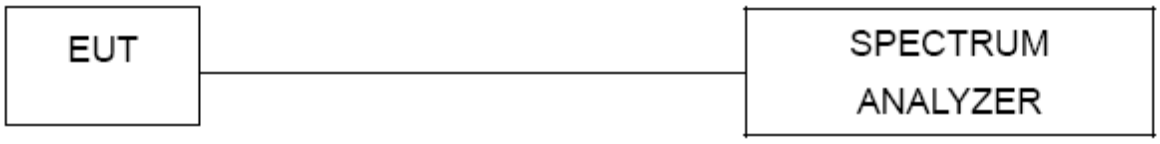
5.1.1 TEST PROCEDURE

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 v03r05 and FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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.

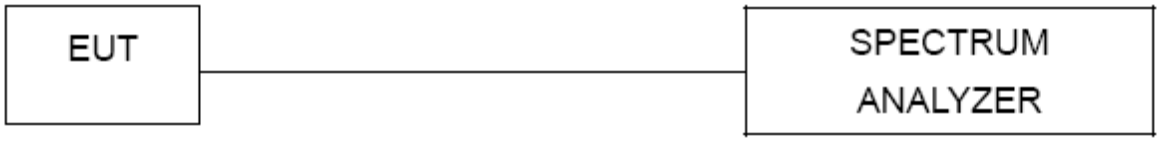
7.1.1 TEST PROCEDURE

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

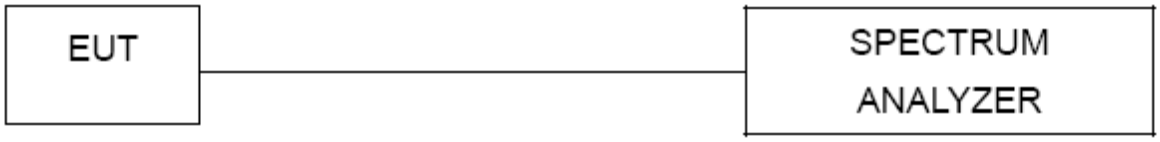
8.1.1 TEST PROCEDURE

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	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	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 27, 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	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 27, 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. 07, 2016
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	Oct. 11, 2016

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Oct. 26, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Oct. 26, 2016

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

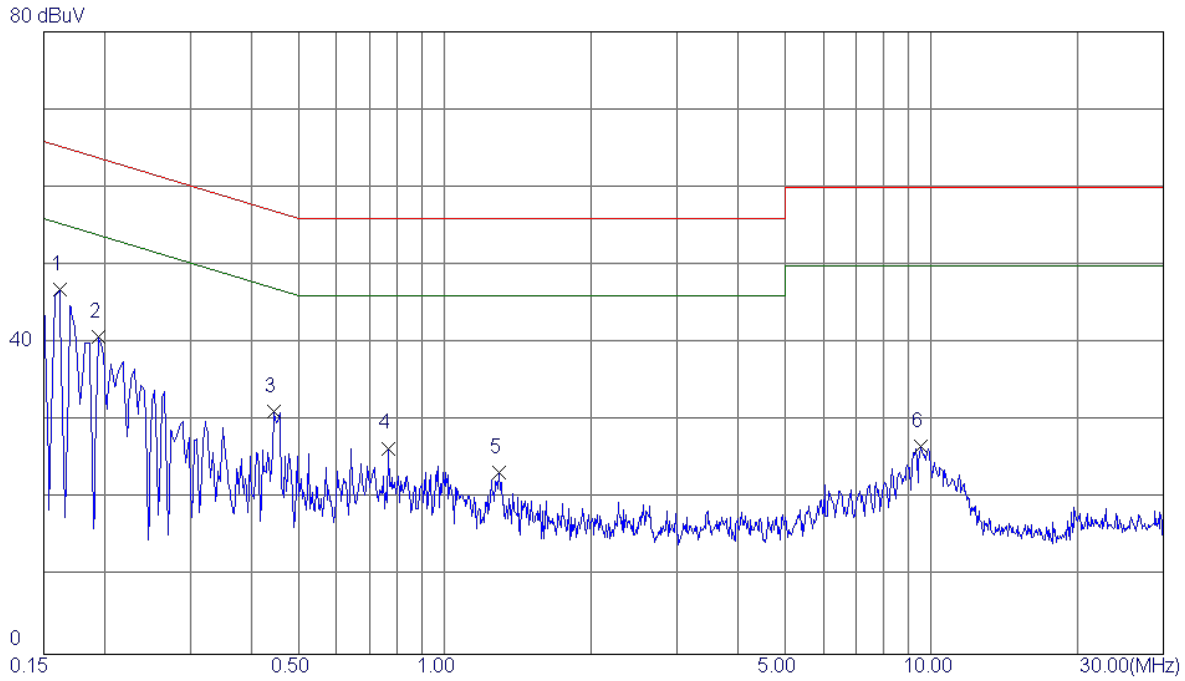
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

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

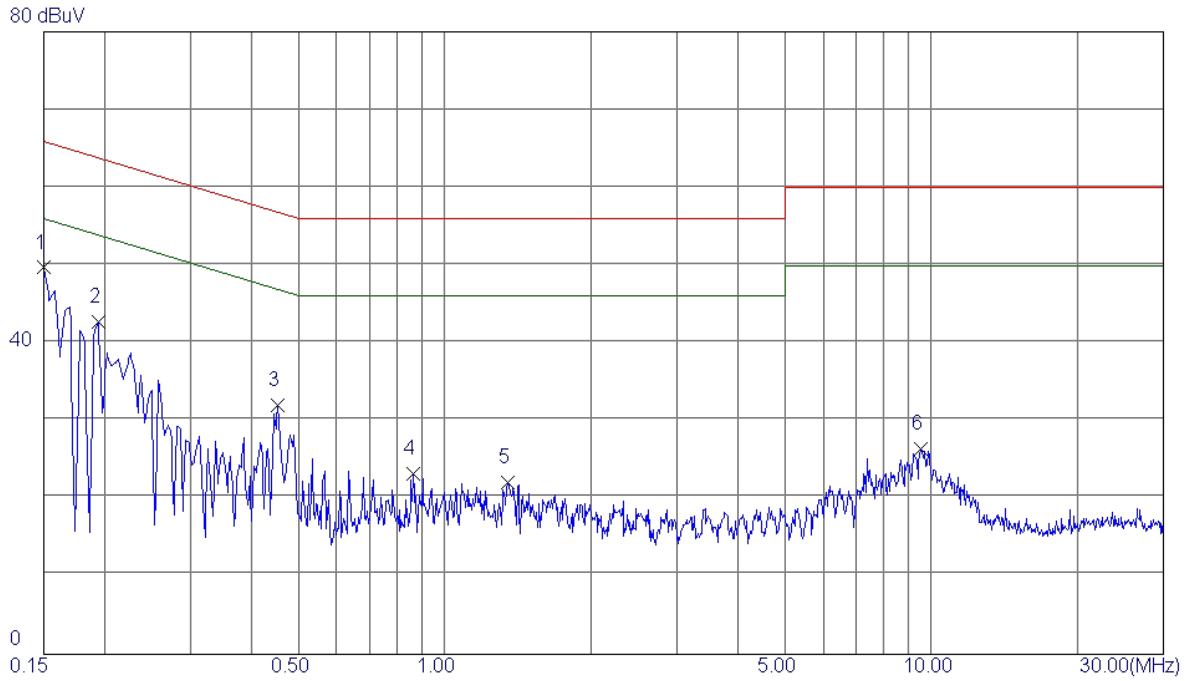
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1620	37.40	9.52	46.92	65.36	-18.44	Peak	
2	0.1940	31.30	9.53	40.83	63.86	-23.03	Peak	
3	0.4460	21.55	9.58	31.13	56.95	-25.82	Peak	
4	0.7660	16.77	9.71	26.48	56.00	-29.52	Peak	
5	1.2940	13.61	9.80	23.41	56.00	-32.59	Peak	
6	9.4940	16.45	10.20	26.65	60.00	-33.35	Peak	

Test Mode :	TX MODE

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1500	40.16	9.52	49.68	66.00	-16.32	Peak	
2	0.1940	33.28	9.51	42.79	63.86	-21.07	Peak	
3	0.4540	22.58	9.44	32.02	56.80	-24.78	Peak	
4	0.8620	13.60	9.62	23.22	56.00	-32.78	Peak	
5	1.3460	12.35	9.67	22.02	56.00	-33.98	Peak	
6	9.5260	16.15	10.26	26.41	60.00	-33.59	Peak	

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

Test Mode:	TX B MODE CHANNEL 01

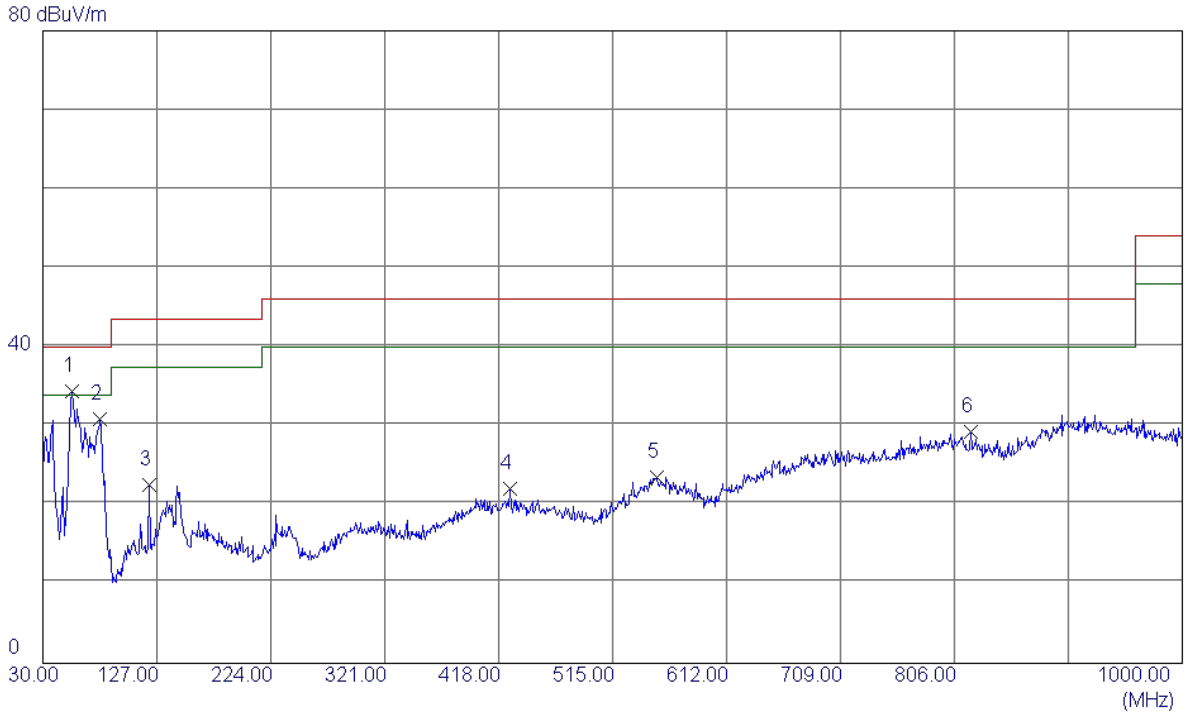
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0124	0°	13.13	24.7813	37.9113	125.7358	-87.8245	AVG
0.0124	0°	14.38	24.7813	39.1613	145.7358	-106.5745	PEAK
0.0266	0°	6.38	23.8820	30.2620	119.1066	-88.8446	AVG
0.0266	0°	8.25	23.8820	32.1320	139.1066	-106.9746	PEAK
0.0374	0°	3.24	23.1980	26.4380	116.1468	-89.7088	AVG
0.0374	0°	5.36	23.1980	28.5580	136.1468	-107.5888	PEAK
0.0541	0°	1.29	22.3180	23.6080	112.9403	-89.3323	AVG
0.0541	0°	2.62	22.3180	24.9380	132.9403	-108.0023	PEAK
0.5015	0°	19.24	19.8048	39.0448	73.5988	-34.5540	QP
1.9581	0°	23.67	19.5042	43.1742	69.5400	-26.3658	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0131	90°	13.38	24.3000	37.6800	125.2588	-87.5788	AVG
0.0131	90°	14.79	24.3000	39.0900	145.2588	-106.1688	PEAK
0.0254	90°	7.46	23.9580	31.4180	119.5076	-88.0896	AVG
0.0254	90°	8.72	23.9580	32.6780	139.5076	-106.8296	PEAK
0.0411	90°	5.37	22.9637	28.3337	115.3274	-86.9937	AVG
0.0411	90°	6.39	22.9637	29.3537	135.3274	-105.9737	PEAK
0.0564	90°	1.41	22.2720	23.6820	112.5786	-88.8966	AVG
0.0564	90°	2.53	22.2720	24.8020	132.5786	-107.7766	PEAK
0.6232	90°	22.32	20.1942	42.5142	71.7117	-29.1974	QP
2.0591	90°	24.46	19.4645	43.9245	69.5400	-25.6155	QP

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

Test Mode:	TX B MODE CHANNEL 01_ANT1

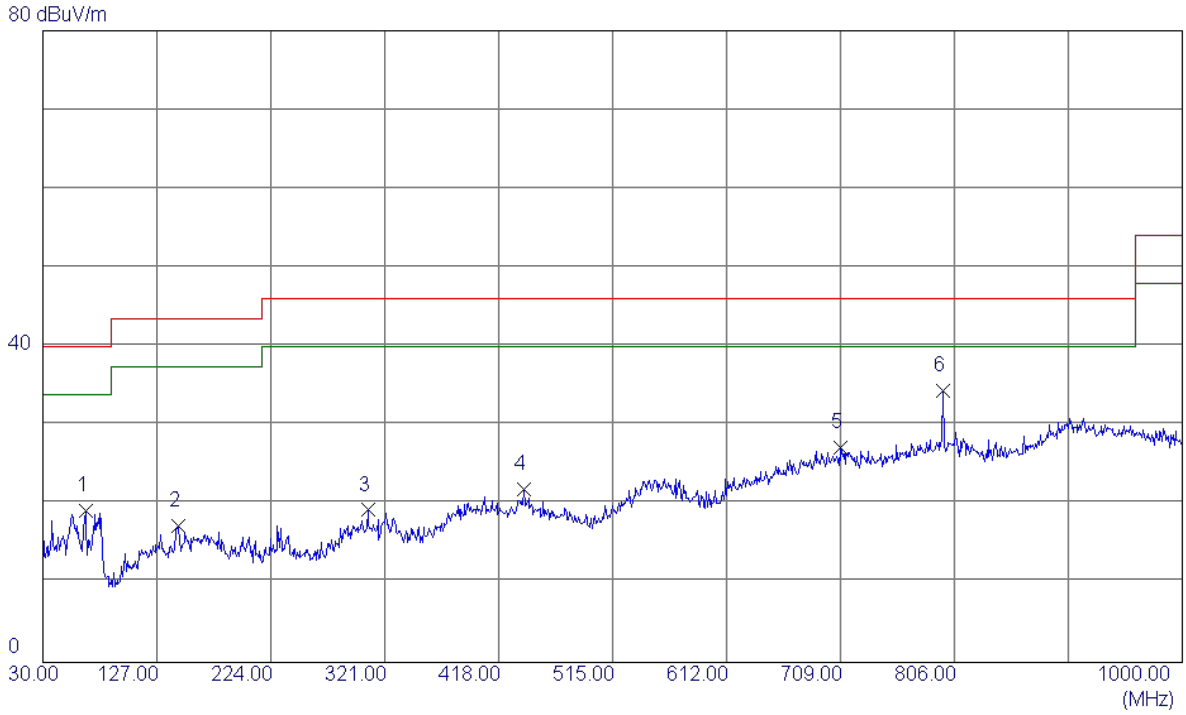
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	54.7350	47.74	-13.41	34.33	40.00	-5.67	Peak	
2	78.5000	47.03	-16.14	30.89	40.00	-9.11	Peak	
3	120.2100	36.01	-13.43	22.58	43.50	-20.92	Peak	
4	428.1850	30.51	-8.44	22.07	46.00	-23.93	Peak	
5	552.3449	28.91	-5.40	23.51	46.00	-22.49	Peak	
6	820.0650	30.67	-1.36	29.31	46.00	-16.69	Peak	

Test Mode:	TX B MODE CHANNEL 01_ANT1

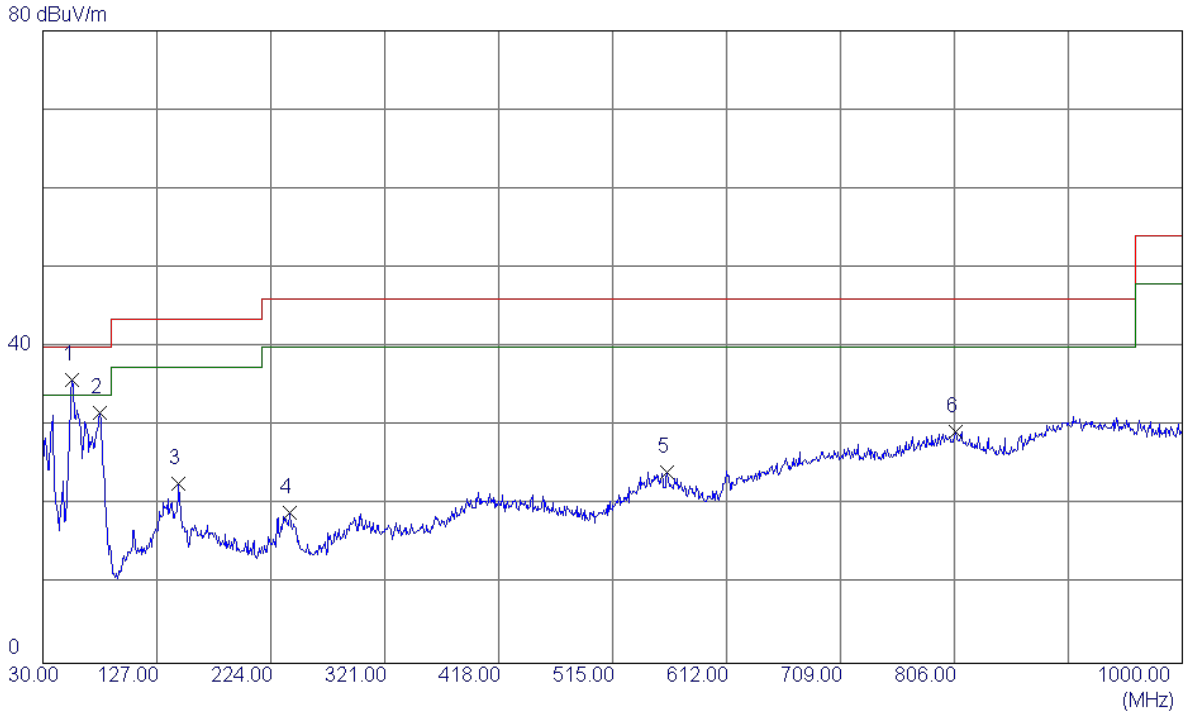
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.3750	34.74	-15.48	19.26	40.00	-20.74	Peak	
2	144.9450	30.65	-13.38	17.27	43.50	-26.23	Peak	
3	306.9350	29.90	-10.62	19.28	46.00	-26.72	Peak	
4	439.8250	30.40	-8.51	21.89	46.00	-24.11	Peak	
5	708.5150	30.13	-3.00	27.13	46.00	-18.87	Peak	
6 *	796.7849	35.32	-0.88	34.44	46.00	-11.56	Peak	

Test Mode:	TX B MODE CHANNEL 01_ANT2

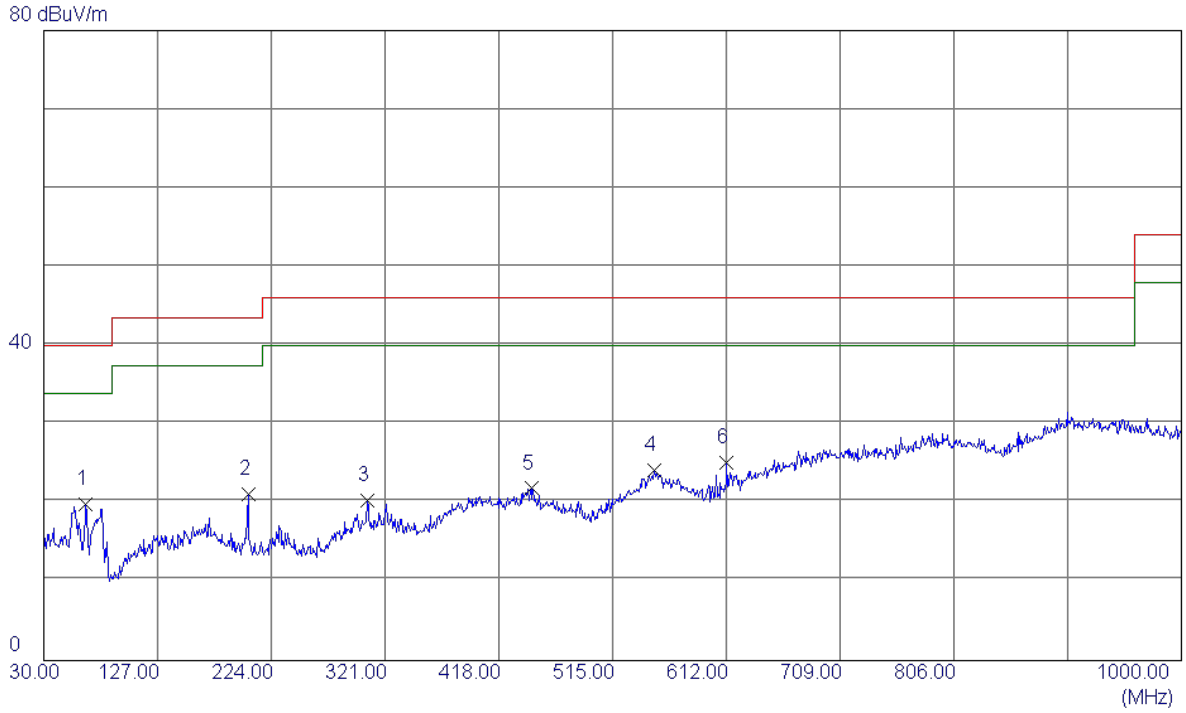
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	55.2200	49.23	-13.33	35.90	40.00	-4.10	Peak	
2	78.5000	47.75	-16.14	31.61	40.00	-8.39	Peak	
3	145.4299	36.02	-13.34	22.68	43.50	-20.82	Peak	
4	240.0050	33.05	-13.97	19.08	46.00	-26.92	Peak	
5	561.5600	30.10	-5.87	24.23	46.00	-21.77	Peak	
6	806.9699	30.24	-0.96	29.28	46.00	-16.72	Peak	

Test Mode:	TX B MODE CHANNEL 01 _ANT2

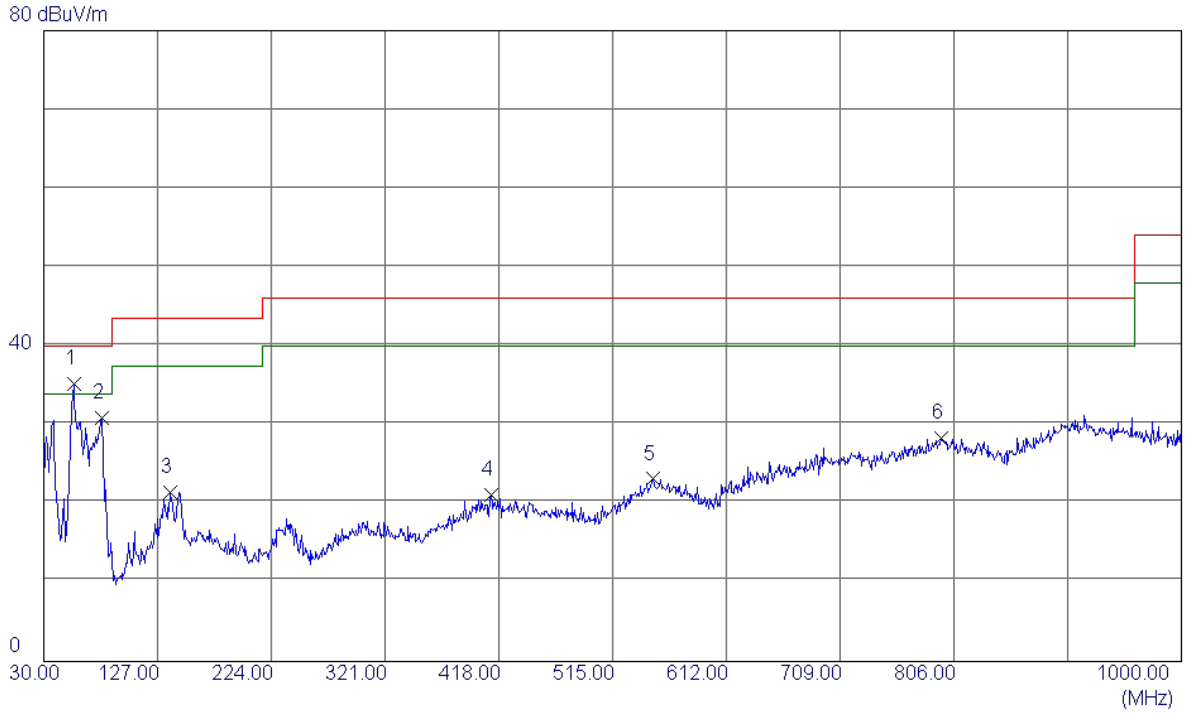
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	65.8900	35.14	-15.35	19.79	40.00	-20.21	Peak	
2	204.1150	35.74	-14.64	21.10	43.50	-22.40	Peak	
3	305.4800	30.90	-10.59	20.31	46.00	-25.69	Peak	
4	550.8900	29.54	-5.32	24.22	46.00	-21.78	Peak	
5	445.6450	30.39	-8.55	21.84	46.00	-24.16	Peak	
6	612.0000	32.29	-7.19	25.10	46.00	-20.90	Peak	

Test Mode:	TX B MODE CHANNEL 06_ANT1

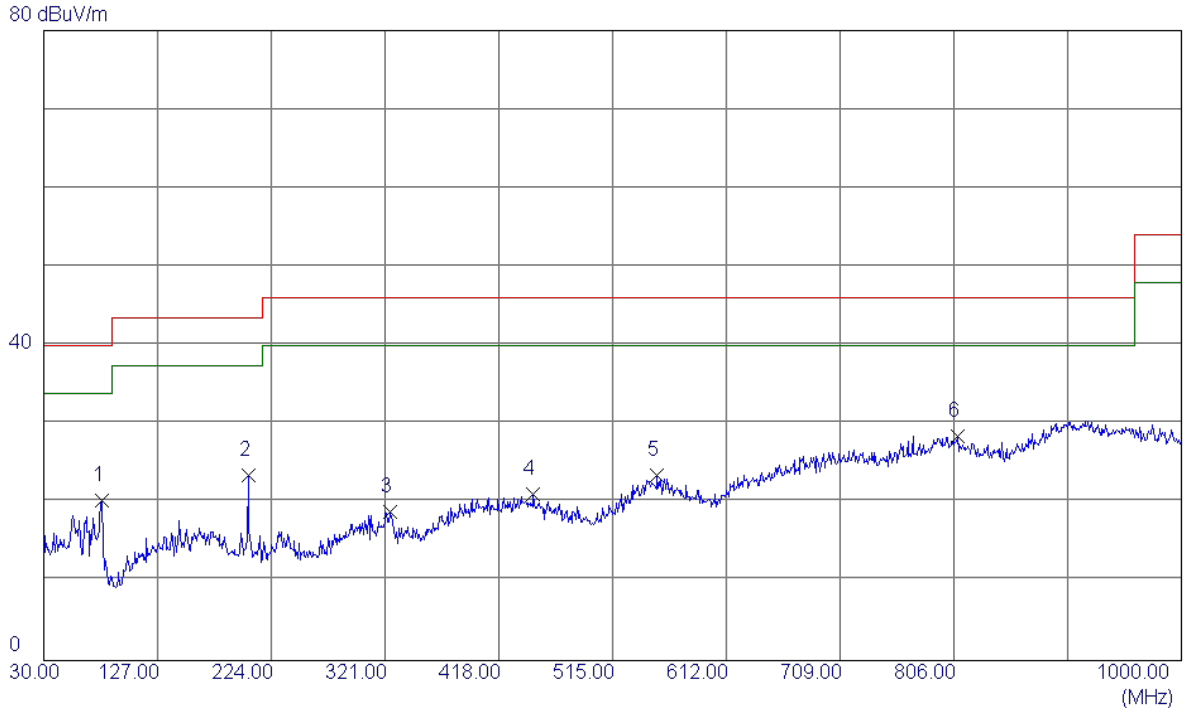
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	55.7050	48.39	-13.26	35.13	40.00	-4.87	Peak	
2	79.4700	46.99	-16.04	30.95	40.00	-9.05	Peak	
3	138.1550	34.99	-13.51	21.48	43.50	-22.02	Peak	
4	411.2100	29.39	-8.34	21.05	46.00	-24.95	Peak	
5	549.9200	28.40	-5.28	23.12	46.00	-22.88	Peak	
6	795.3300	29.21	-0.94	28.27	46.00	-17.73	Peak	

Test Mode:	TX B MODE CHANNEL 06_ANT1

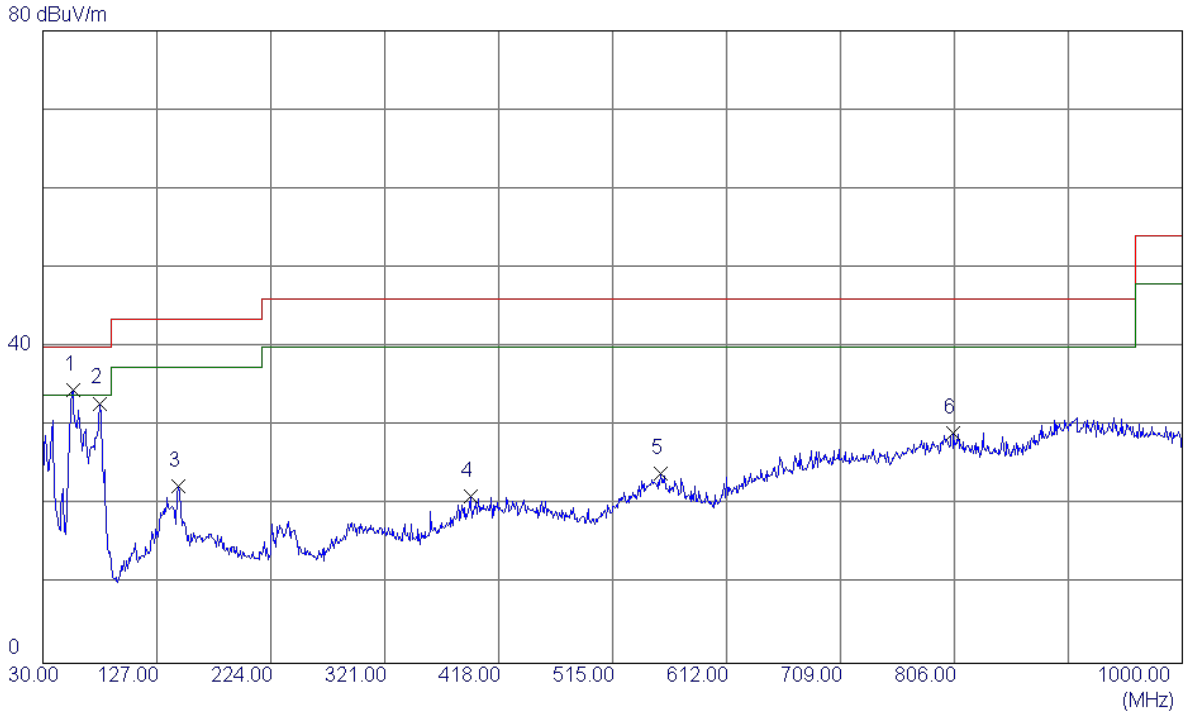
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	79.4700	36.35	-16.04	20.31	40.00	-19.69	Peak	
2	204.1150	38.09	-14.64	23.45	43.50	-20.05	Peak	
3	325.3650	29.91	-11.05	18.86	46.00	-27.14	Peak	
4	447.1000	29.69	-8.56	21.13	46.00	-24.87	Peak	
5	552.8300	28.87	-5.42	23.45	46.00	-22.55	Peak	
6 *	809.3950	29.49	-1.03	28.46	46.00	-17.54	Peak	

Test Mode:	TX B MODE CHANNEL 06_ANT2

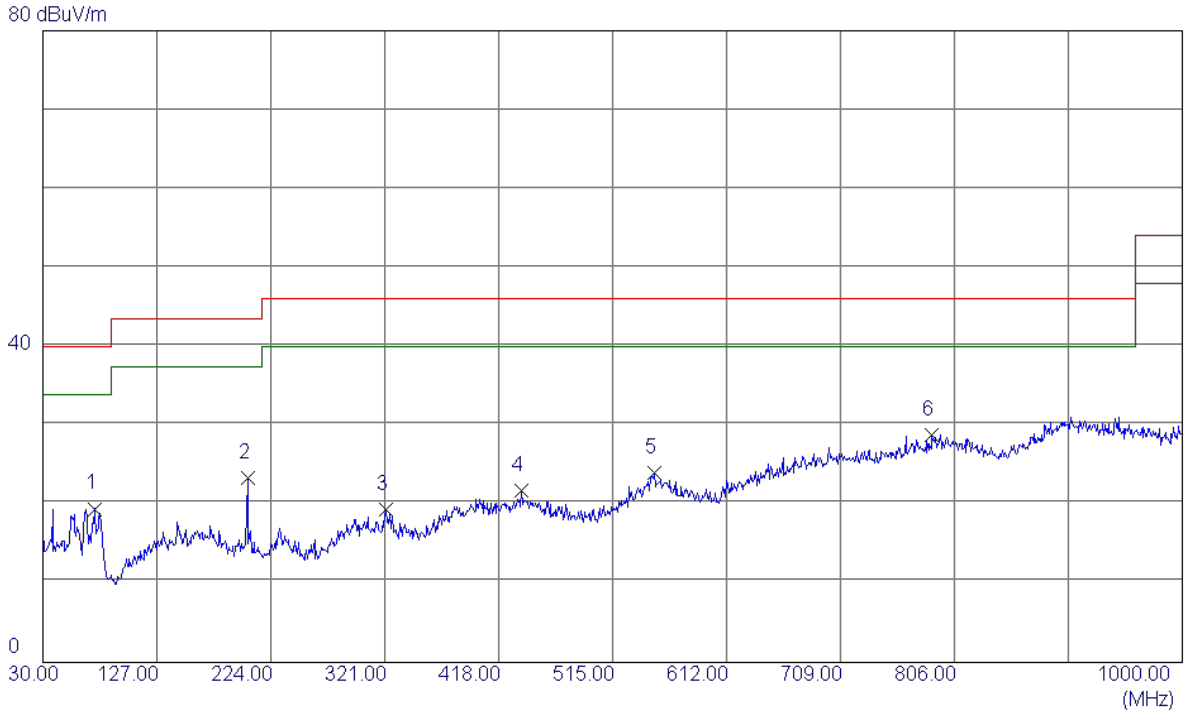
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	55.7050	47.89	-13.26	34.63	40.00	-5.37	Peak	
2	78.9850	48.97	-16.09	32.88	40.00	-7.12	Peak	
3	145.4299	35.78	-13.34	22.44	43.50	-21.06	Peak	
4	394.2349	29.82	-8.66	21.16	46.00	-24.84	Peak	
5	555.7400	29.50	-5.57	23.93	46.00	-22.07	Peak	
6	804.5450	29.93	-0.88	29.05	46.00	-16.95	Peak	

Test Mode:	TX B MODE CHANNEL 06_ANT2

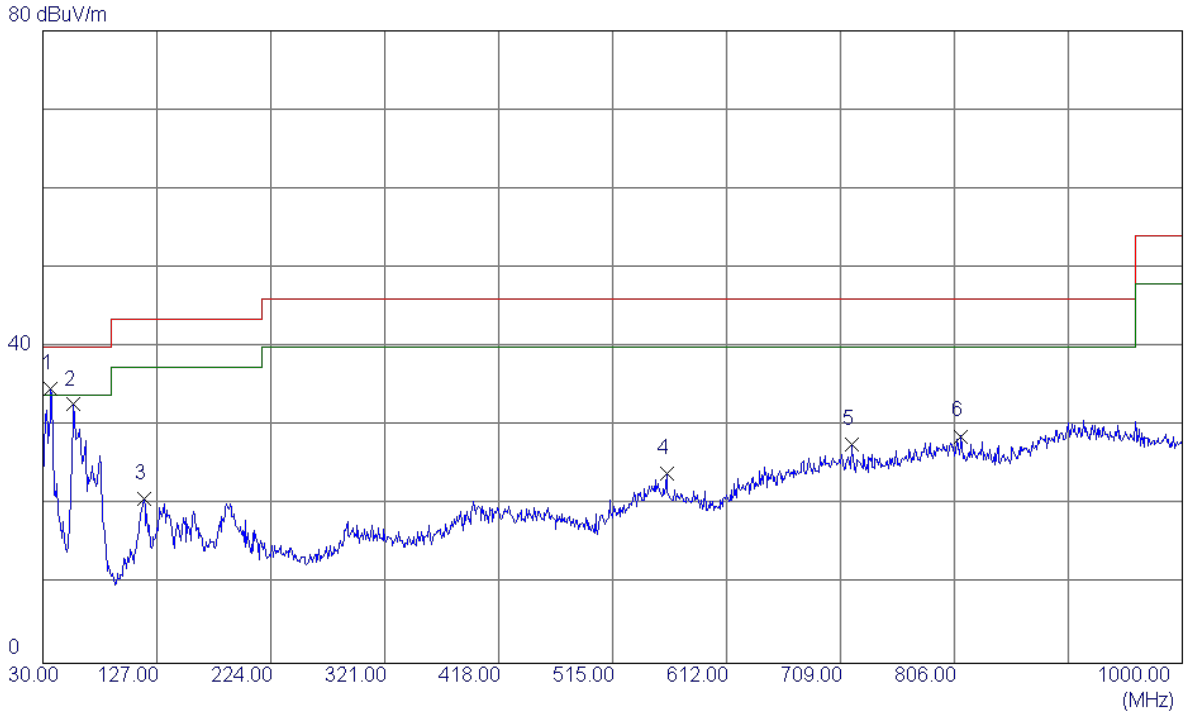
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	74.1350	35.95	-16.51	19.44	40.00	-20.56	Peak	
2	204.1150	38.06	-14.64	23.42	43.50	-20.08	Peak	
3	321.9700	30.35	-10.97	19.38	46.00	-26.62	Peak	
4	437.8850	30.20	-8.50	21.70	46.00	-24.30	Peak	
5	550.4050	29.24	-5.30	23.94	46.00	-22.06	Peak	
6 *	786.6000	30.11	-1.33	28.78	46.00	-17.22	Peak	

Test Mode:	TX B MODE CHANNEL 11_ANT1

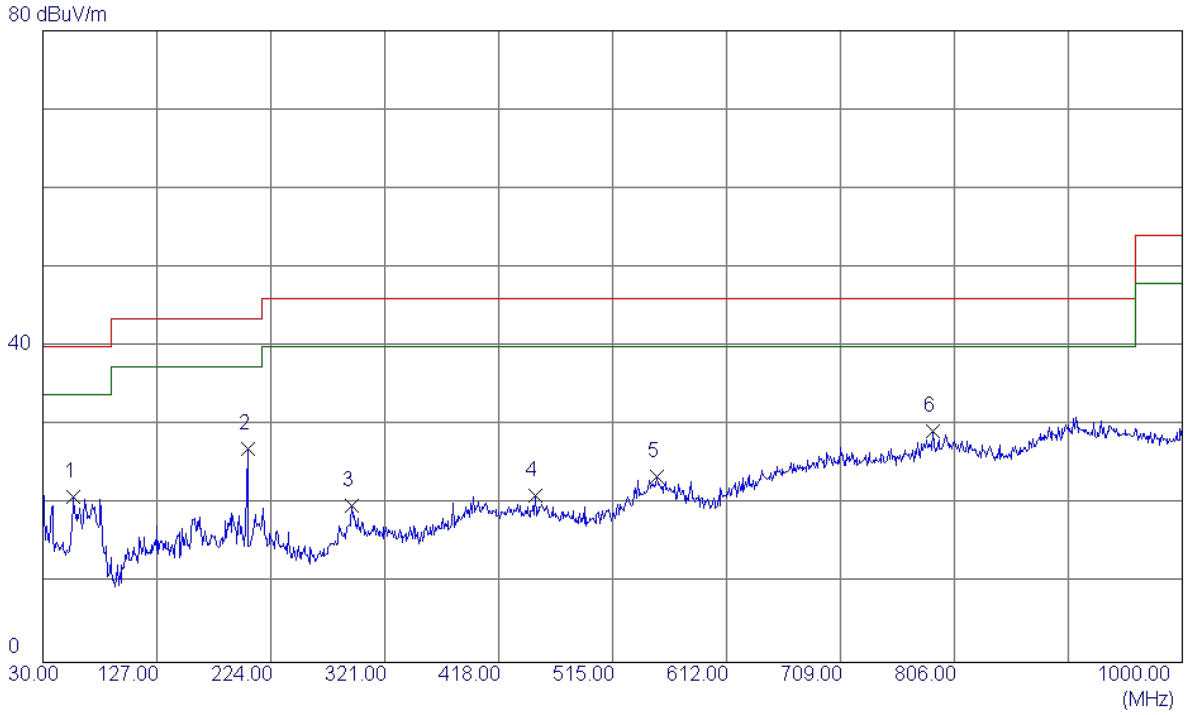
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	48.54	-13.85	34.69	40.00	-5.31	Peak	
2	56.1900	45.98	-13.26	32.72	40.00	-7.28	Peak	
3	115.8450	34.81	-13.94	20.87	43.50	-22.63	Peak	
4	561.0750	29.87	-5.85	24.02	46.00	-21.98	Peak	
5	718.2150	30.66	-2.98	27.68	46.00	-18.32	Peak	
6	811.8200	29.83	-1.11	28.72	46.00	-17.28	Peak	

Test Mode:	TX B MODE CHANNEL 11_ANT1

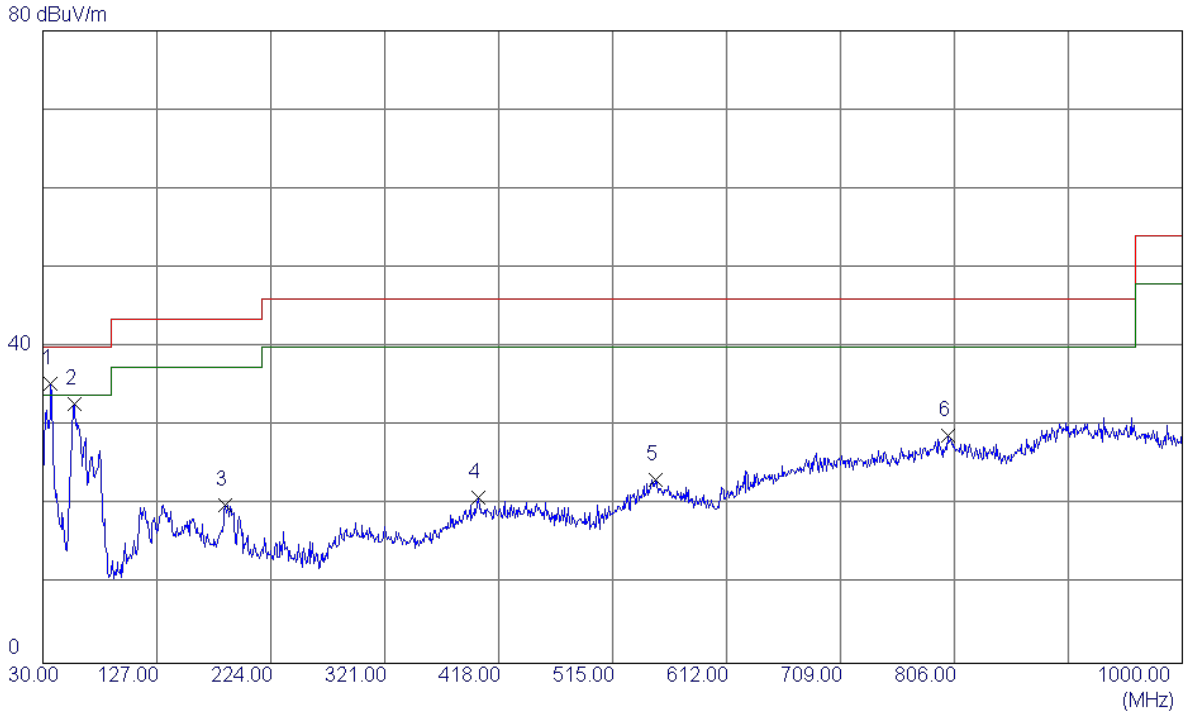
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	56.1900	34.18	-13.26	20.92	40.00	-19.08	Peak	
2 *	204.1150	41.72	-14.64	27.08	43.50	-16.42	Peak	
3	293.3550	30.95	-11.17	19.78	46.00	-26.22	Peak	
4	449.5250	29.62	-8.57	21.05	46.00	-24.95	Peak	
5	552.8300	28.95	-5.42	23.53	46.00	-22.47	Peak	
6	788.0550	30.52	-1.26	29.26	46.00	-16.74	Peak	

Test Mode:	TX B MODE CHANNEL 11_ANT2

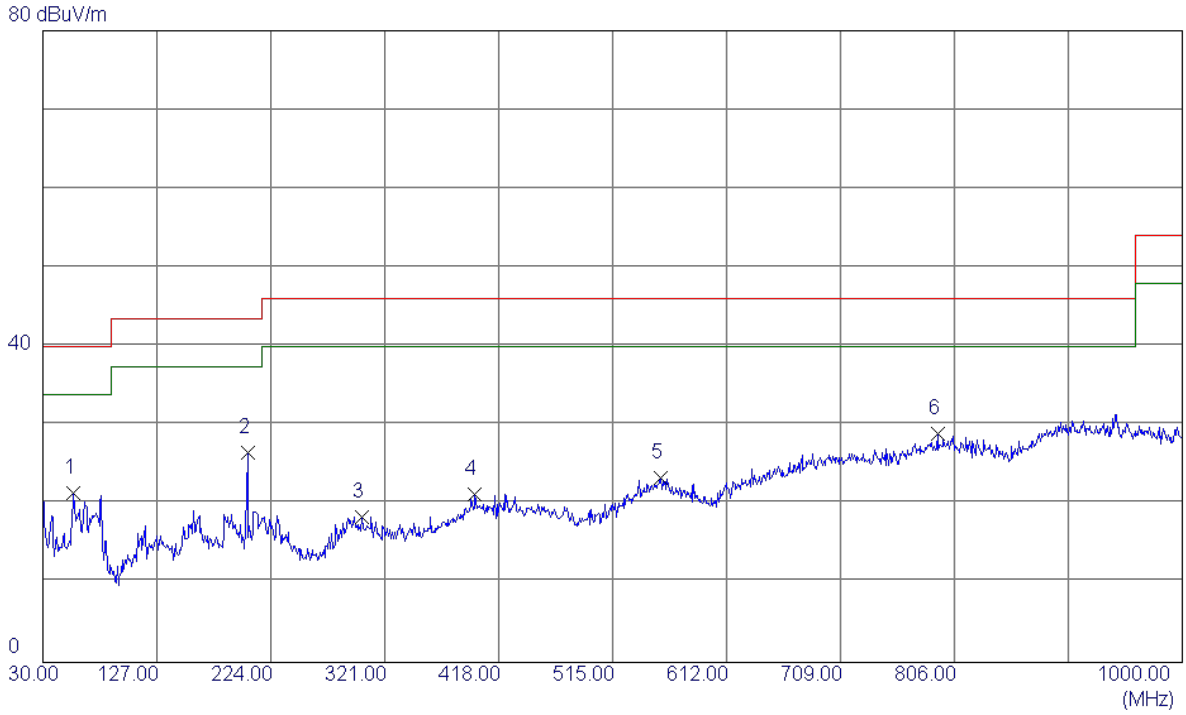
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	49.21	-13.85	35.36	40.00	-4.64	Peak	
2	56.6750	46.21	-13.40	32.81	40.00	-7.19	Peak	
3	185.2000	33.54	-13.49	20.05	43.50	-23.45	Peak	
4	400.5400	29.20	-8.27	20.93	46.00	-25.07	Peak	
5	551.3750	28.59	-5.35	23.24	46.00	-22.76	Peak	
6	800.6650	29.62	-0.76	28.86	46.00	-17.14	Peak	

Test Mode:	TX B MODE CHANNEL 11_ANT2

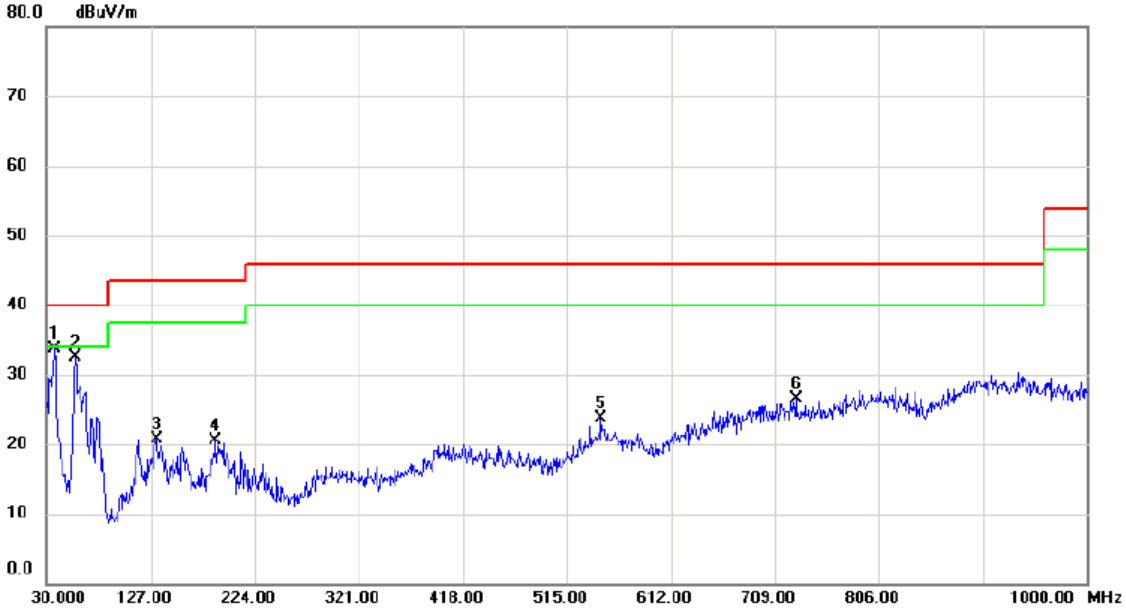
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	56.1900	34.65	-13.26	21.39	40.00	-18.61	Peak	
2 *	204.1150	41.14	-14.64	26.50	43.50	-17.00	Peak	
3	302.0850	28.87	-10.51	18.36	46.00	-27.64	Peak	
4	397.6300	29.72	-8.43	21.29	46.00	-24.71	Peak	
5	555.7400	28.93	-5.57	23.36	46.00	-22.64	Peak	
6	791.9350	30.00	-1.09	28.91	46.00	-17.09	Peak	

Test Mode:	TX B MODE CHANNEL 12_ANT1

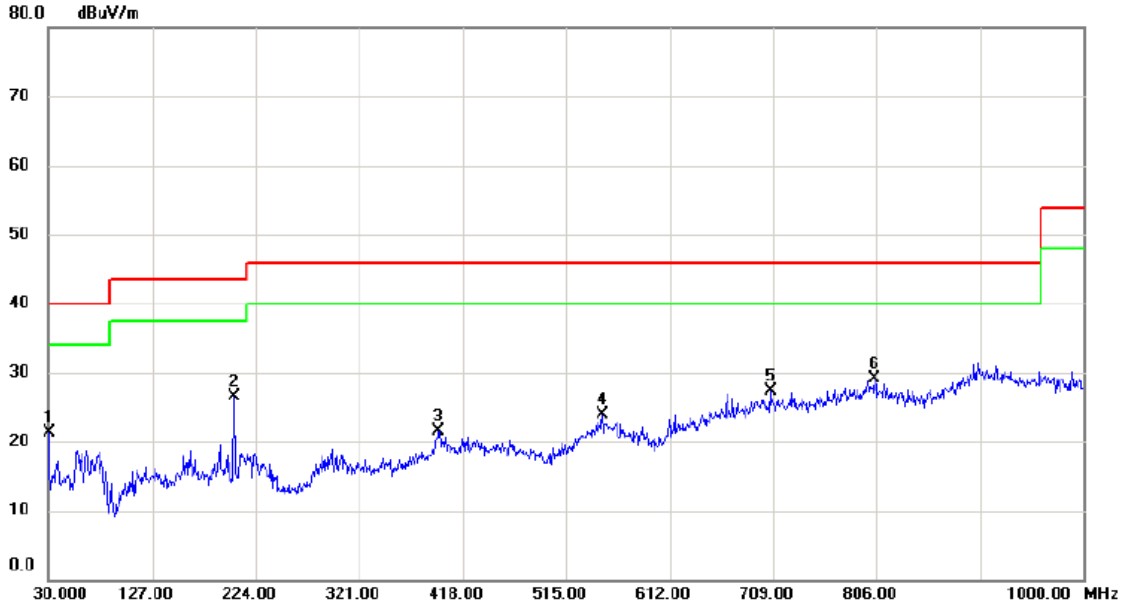
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.2750	47.70	-13.95	33.75	40.00	-6.25	peak	
2		56.6750	45.95	-13.41	32.54	40.00	-7.46	peak	
3		132.3350	33.48	-12.69	20.79	43.50	-22.71	peak	
4		187.1400	34.17	-13.71	20.46	43.50	-23.04	peak	
5		547.0100	29.28	-5.58	23.70	46.00	-22.30	peak	
6		728.8850	29.52	-2.97	26.55	46.00	-19.45	peak	

Test Mode:	TX B MODE CHANNEL 12_ANT1

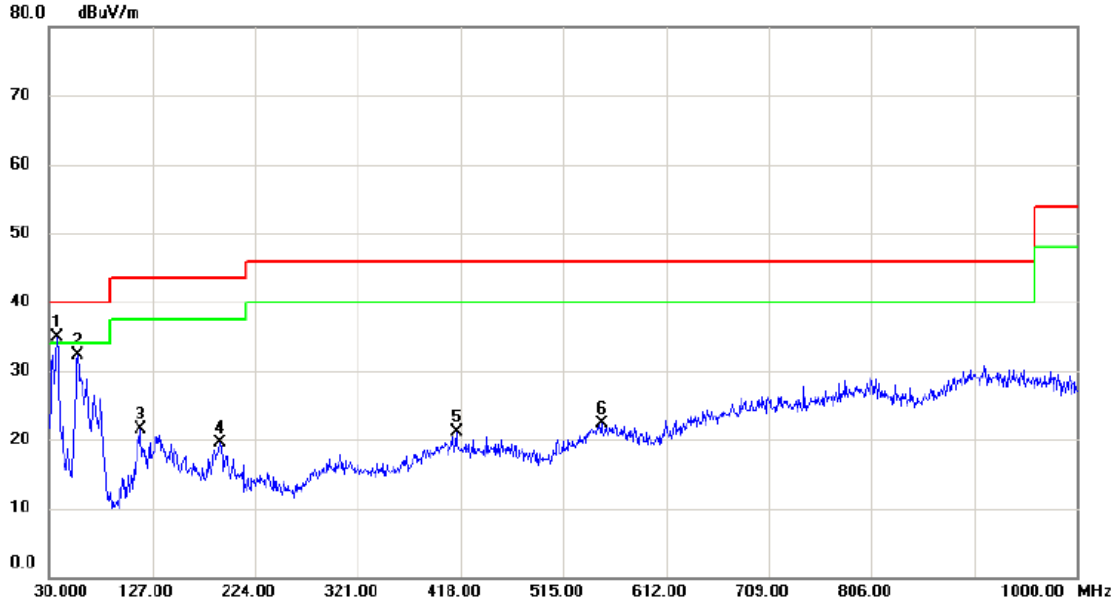
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		30.0000	35.36	-13.96	21.40	40.00	-18.60	peak	
2		204.1150	41.21	-14.63	26.58	43.50	-16.92	peak	
3		395.6900	30.11	-8.56	21.55	46.00	-24.45	peak	
4		548.9500	29.22	-5.37	23.85	46.00	-22.15	peak	
5		706.5750	30.21	-3.00	27.21	46.00	-18.79	peak	
6	*	804.5450	30.04	-0.88	29.16	46.00	-16.84	peak	

Test Mode:	TX B MODE CHANNEL 12_ANT2

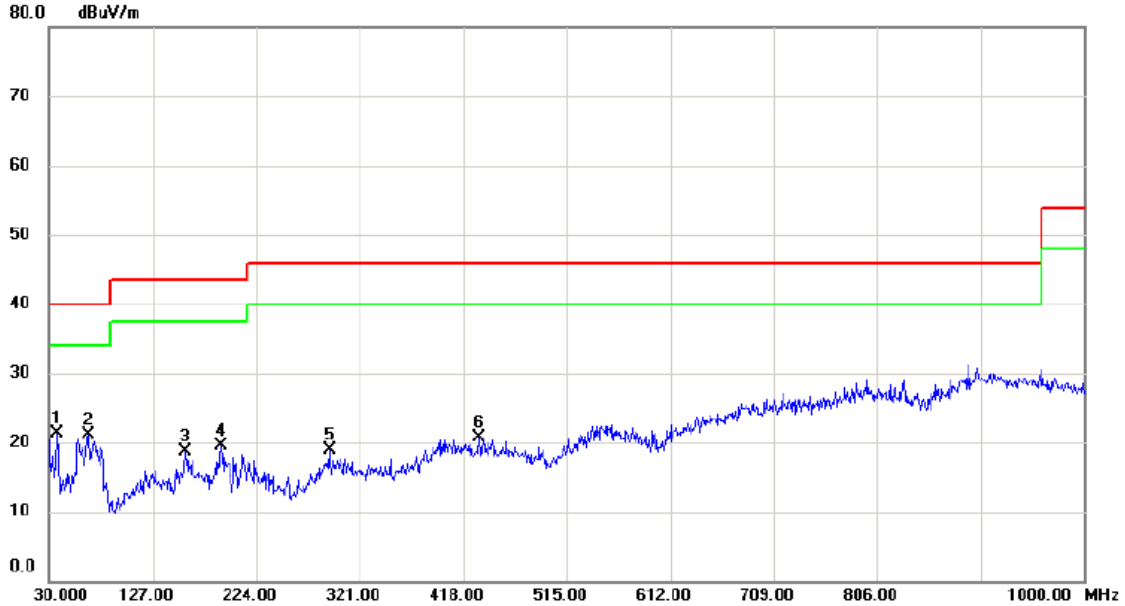
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.2750	48.81	-13.95	34.86	40.00	-5.14	peak	
2		56.6750	45.80	-13.41	32.39	40.00	-7.61	peak	
3		115.3600	35.49	-14.00	21.49	43.50	-22.01	peak	
4		191.0200	33.54	-14.08	19.46	43.50	-24.04	peak	
5		414.6050	29.54	-8.36	21.18	46.00	-24.82	peak	
6		551.3750	27.64	-5.34	22.30	46.00	-23.70	peak	

Test Mode:	TX B MODE CHANNEL 12_ANT2

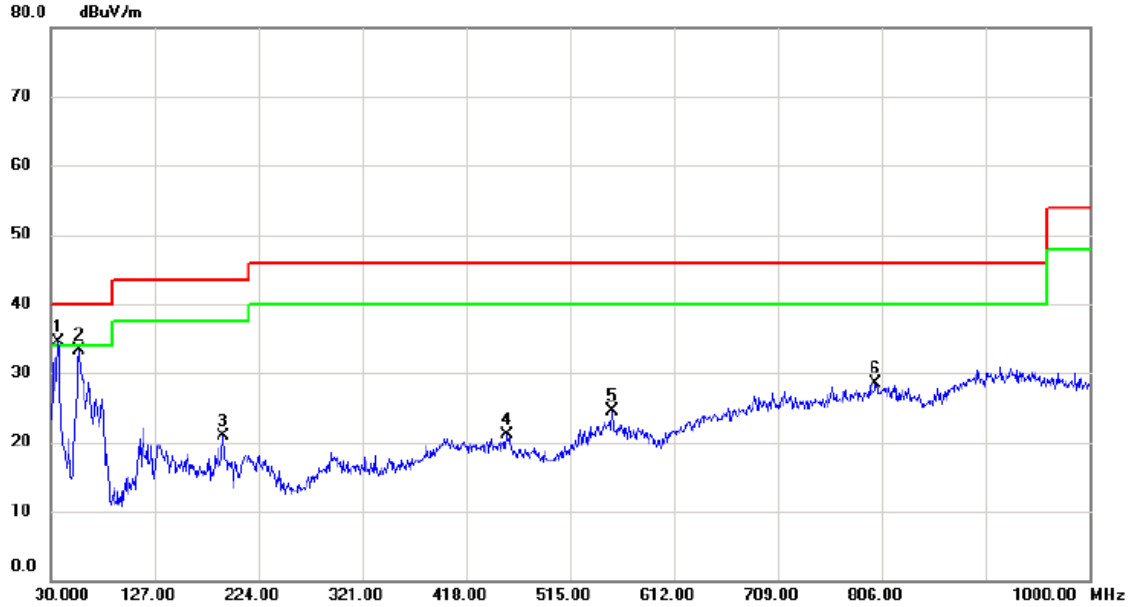
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36.7900	35.16	-13.86	21.30	40.00	-18.70	peak	
2		67.3450	36.80	-15.74	21.06	40.00	-18.94	peak	
3		157.5550	31.00	-12.38	18.62	43.50	-24.88	peak	
4		191.5050	33.64	-14.10	19.54	43.50	-23.96	peak	
5		292.8700	30.10	-11.21	18.89	46.00	-27.11	peak	
6		432.5500	29.13	-8.47	20.66	46.00	-25.34	peak	

Test Mode:	TX B MODE CHANNEL 13_ANT1

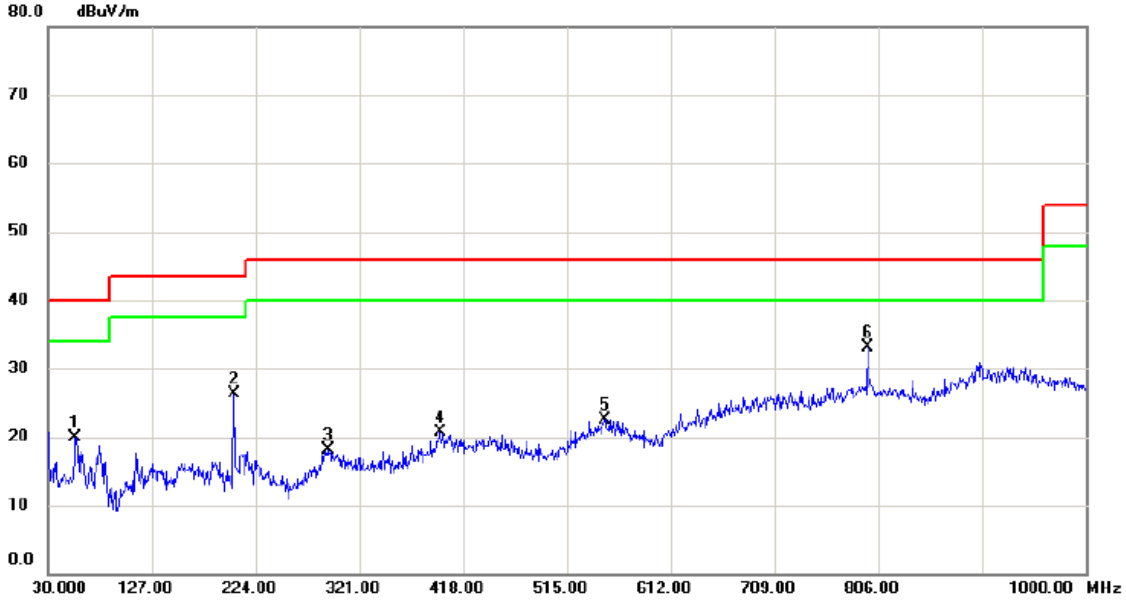
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.2750	48.38	-13.95	34.43	40.00	-5.57	peak	
2		56.1900	46.55	-13.27	33.28	40.00	-6.72	peak	
3		191.5050	35.03	-14.10	20.93	43.50	-22.57	peak	
4		456.3150	29.80	-8.79	21.01	46.00	-24.99	peak	
5		554.7700	30.12	-5.53	24.59	46.00	-21.41	peak	
6		800.6650	29.31	-0.77	28.54	46.00	-17.46	peak	

Test Mode:	TX B MODE CHANNEL 13_ANT1

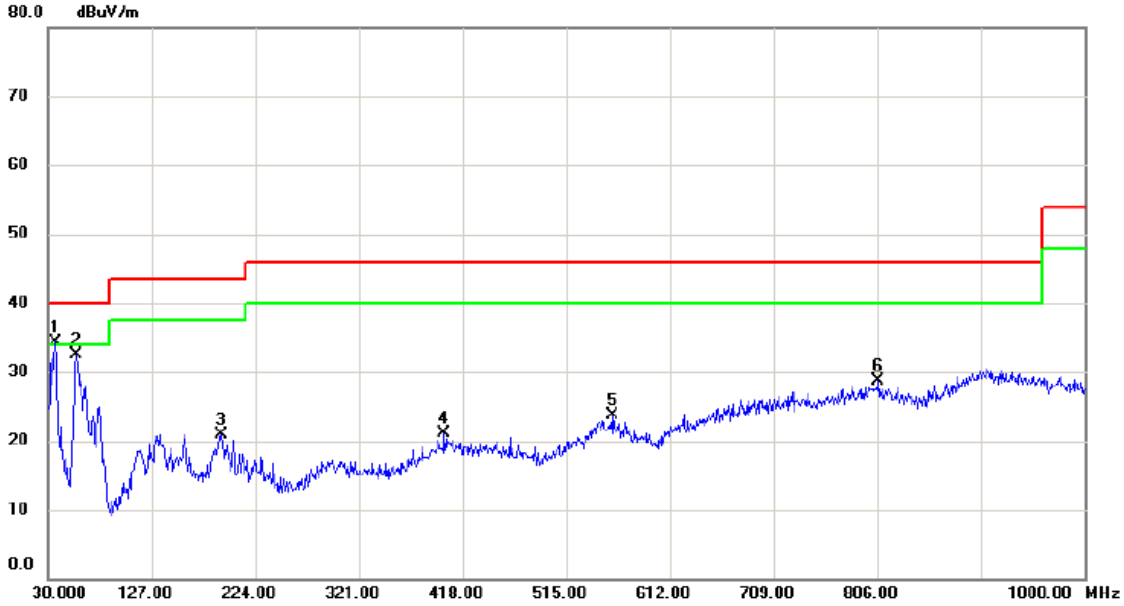
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		55.7050	33.09	-13.25	19.84	40.00	-20.16	peak	
2		204.1150	41.00	-14.63	26.37	43.50	-17.13	peak	
3		291.4150	29.40	-11.38	18.02	46.00	-27.98	peak	
4		396.1750	29.14	-8.53	20.61	46.00	-25.39	peak	
5		550.4050	27.82	-5.30	22.52	46.00	-23.48	peak	
6	*	796.7850	34.04	-0.87	33.17	46.00	-12.83	peak	

Test Mode:	TX B MODE CHANNEL 13_ANT2

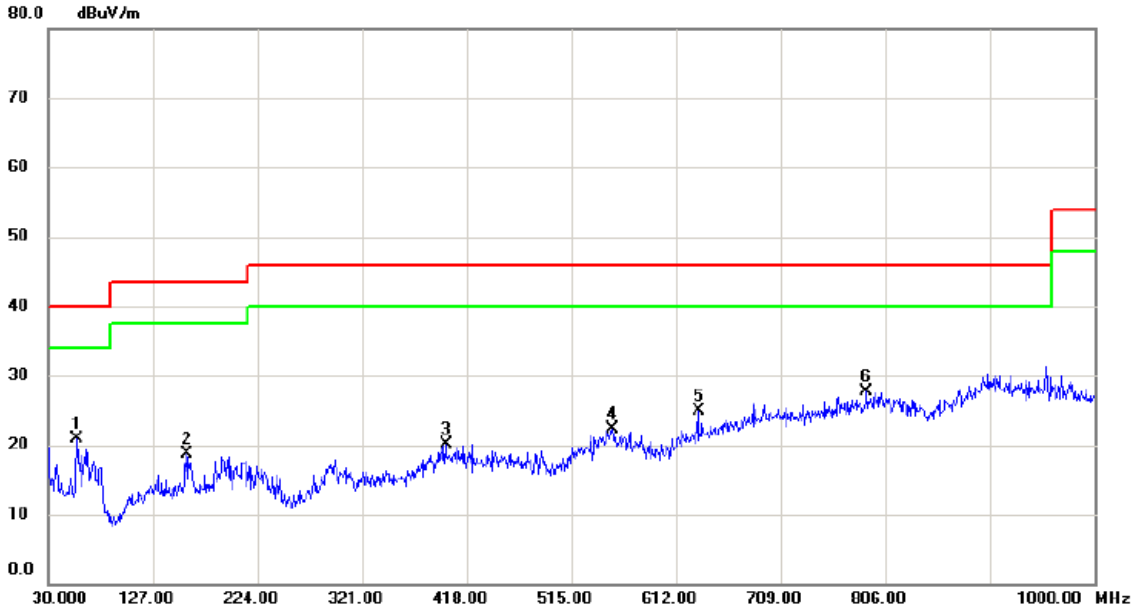
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.2750	48.24	-13.95	34.29	40.00	-5.71	peak	
2		56.1900	45.85	-13.27	32.58	40.00	-7.42	peak	
3		191.9900	35.11	-14.13	20.98	43.50	-22.52	peak	
4		401.0250	29.44	-8.28	21.16	46.00	-24.84	peak	
5		558.6500	29.33	-5.72	23.61	46.00	-22.39	peak	
6		806.9700	29.61	-0.95	28.66	46.00	-17.34	peak	

Test Mode:	TX B MODE CHANNEL 13_ANT2

Horizontal

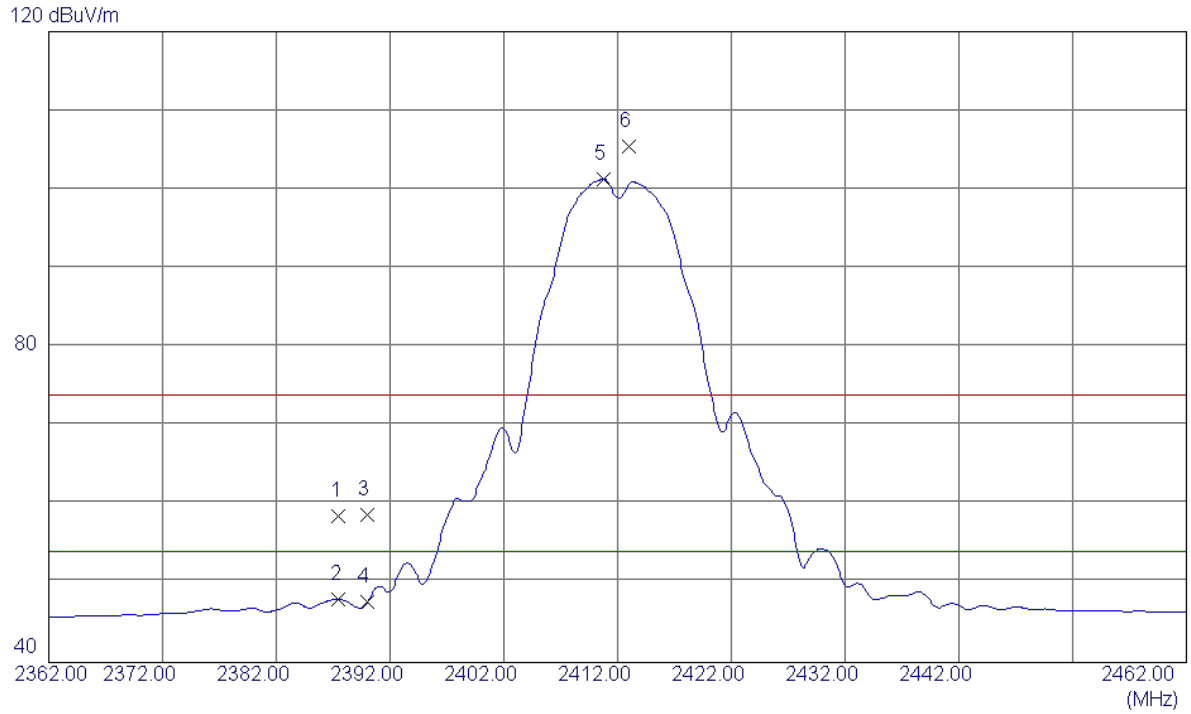


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		56.6750	34.33	-13.41	20.92	40.00	-19.08	peak	
2		158.0400	31.00	-12.35	18.65	43.50	-24.85	peak	
3		399.0850	28.47	-8.32	20.15	46.00	-25.85	peak	
4		552.8300	27.77	-5.42	22.35	46.00	-23.65	peak	
5		632.8550	31.01	-6.01	25.00	46.00	-21.00	peak	
6	*	789.0250	29.01	-1.23	27.78	46.00	-18.22	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

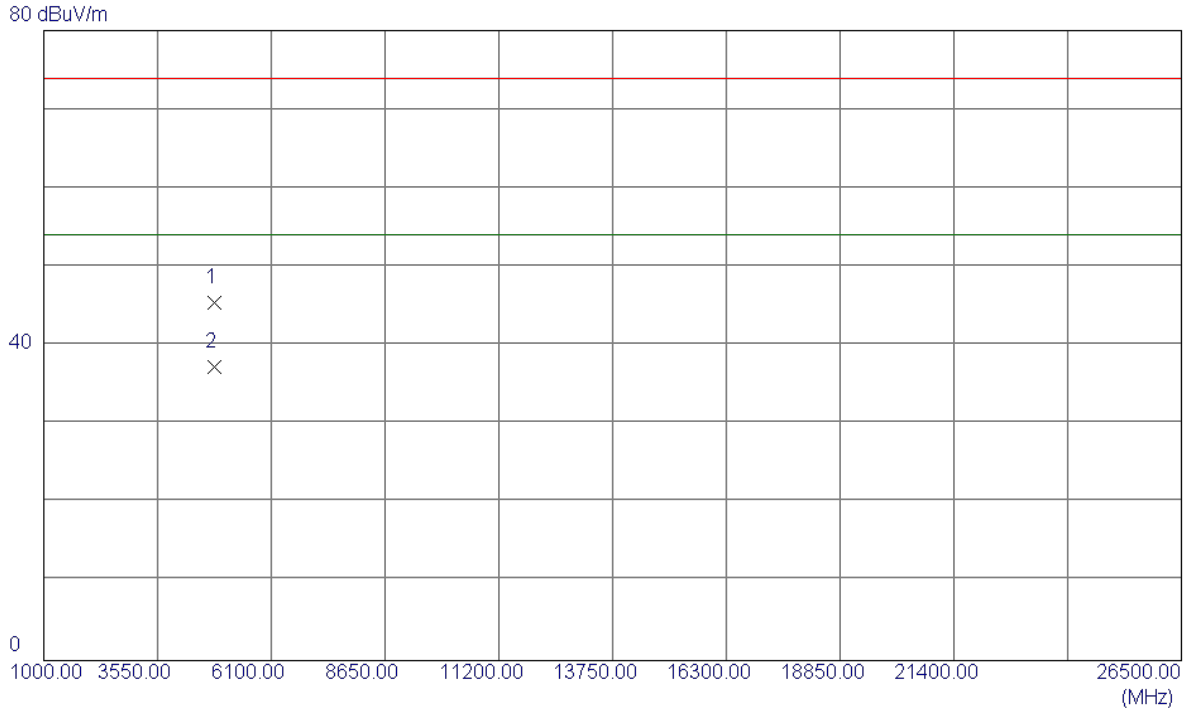
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.5000	25.79	32.76	58.55	74.00	-15.45	Peak	
2	2387.5000	15.22	32.76	47.98	54.00	-6.02	AVG	
3	2390.0000	25.94	32.77	58.71	74.00	-15.29	Peak	
4	2390.0000	14.90	32.77	47.67	54.00	-6.33	AVG	
5 *	2410.8000	68.46	32.85	101.31	54.00	47.31	AVG	No Limit
6	2413.0000	72.60	32.86	105.46	74.00	31.46	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

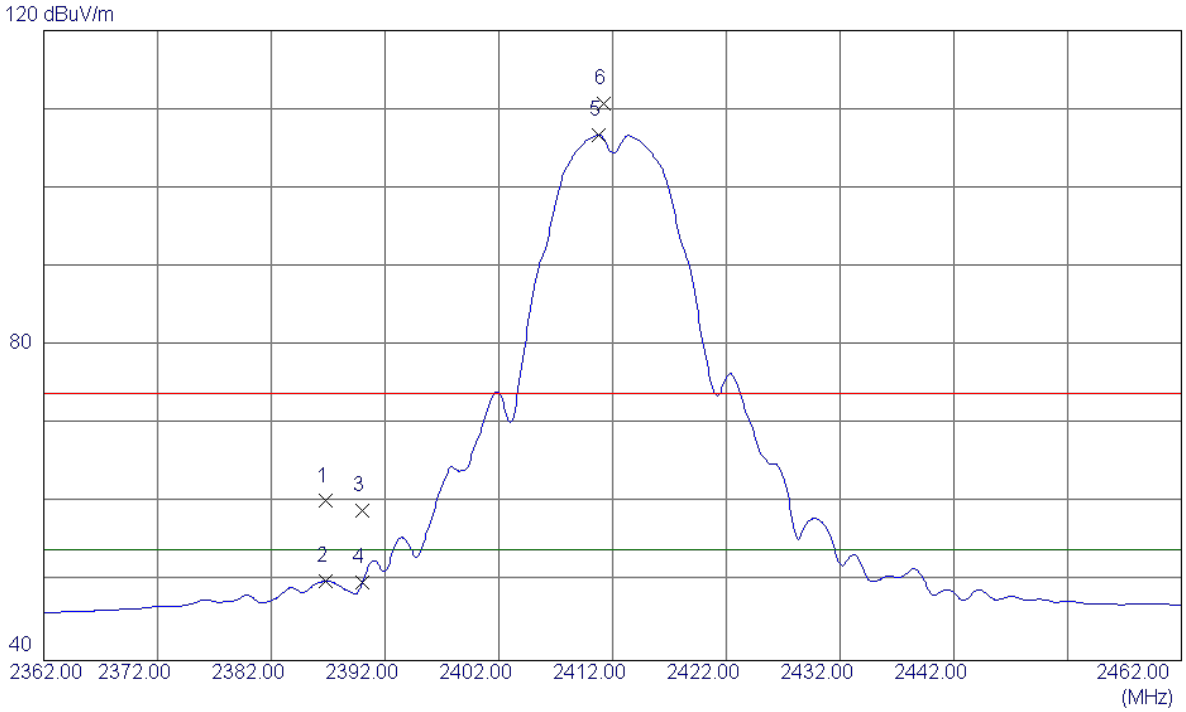
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.5099	40.82	4.69	45.51	74.00	-28.49	Peak	
2 *	4824.0400	32.53	4.69	37.22	54.00	-16.78	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

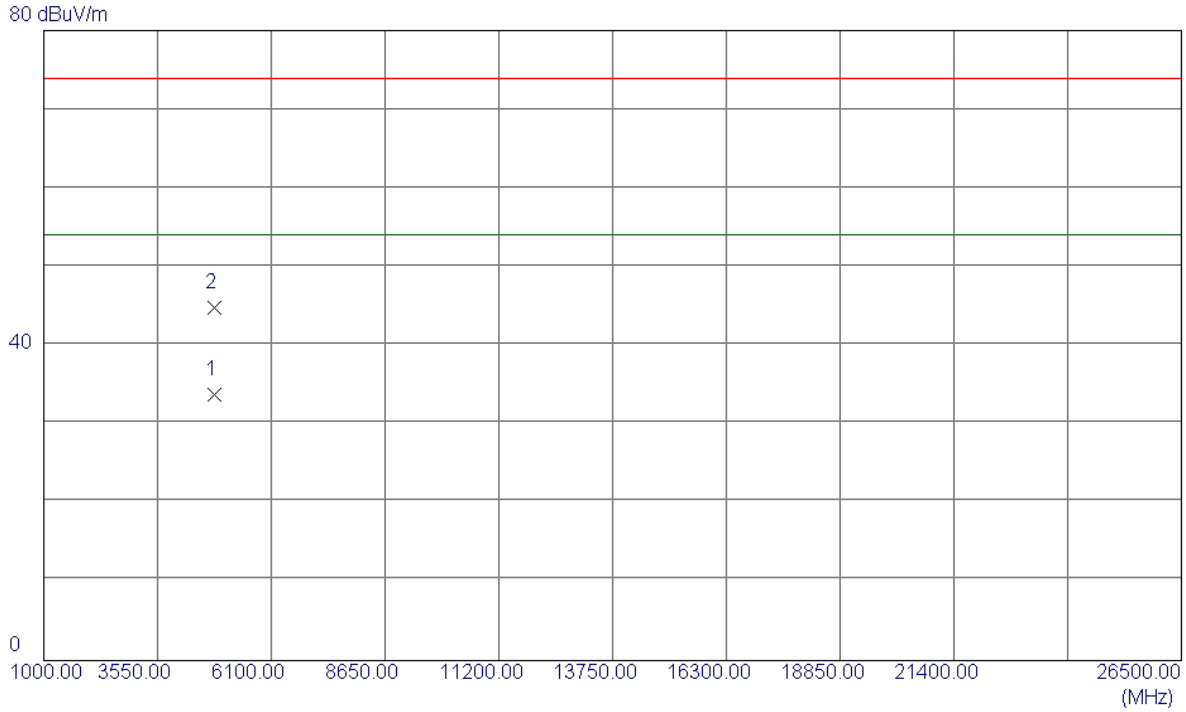
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2386.8000	27.49	32.75	60.24	74.00	-13.76	Peak	
2	2386.8000	17.36	32.75	50.11	54.00	-3.89	AVG	
3	2390.0000	26.26	32.77	59.03	74.00	-14.97	Peak	
4	2390.0000	17.14	32.77	49.91	54.00	-4.09	AVG	
5 *	2410.8000	73.91	32.85	106.76	54.00	52.76	AVG	No Limit
6	2411.2000	77.88	32.85	110.73	74.00	36.73	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

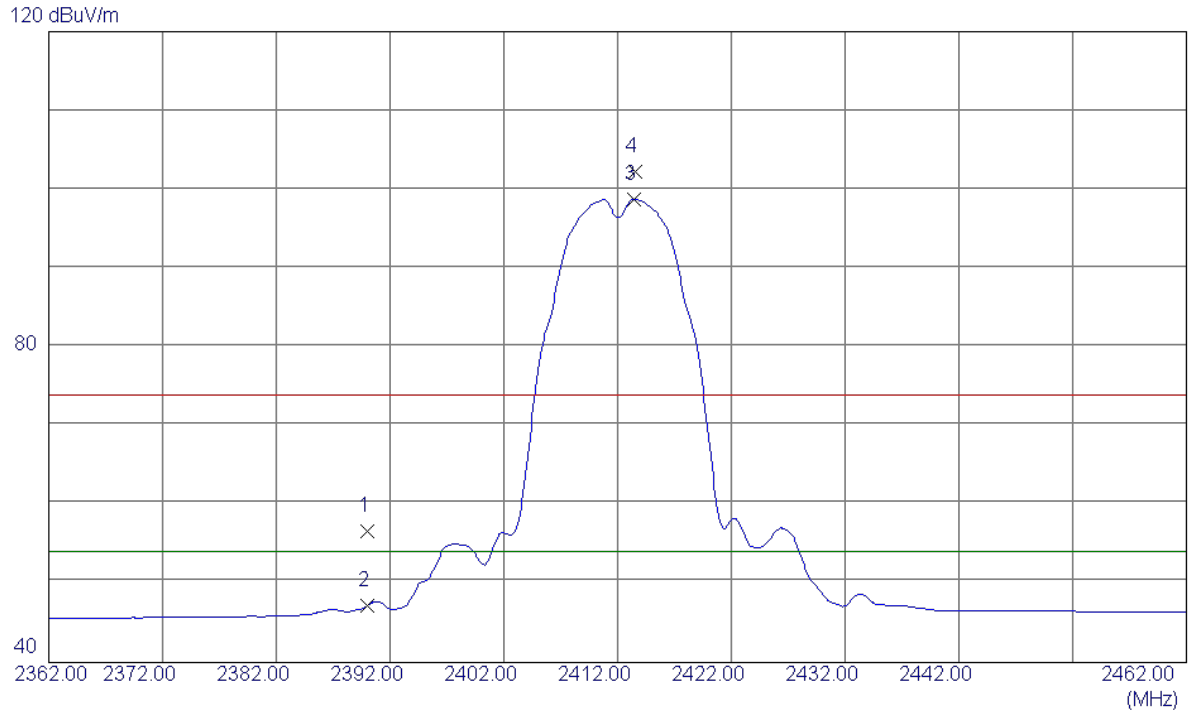
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0800	29.08	4.69	33.77	54.00	-20.23	AVG	
2	4824.2599	40.04	4.69	44.73	74.00	-29.27	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

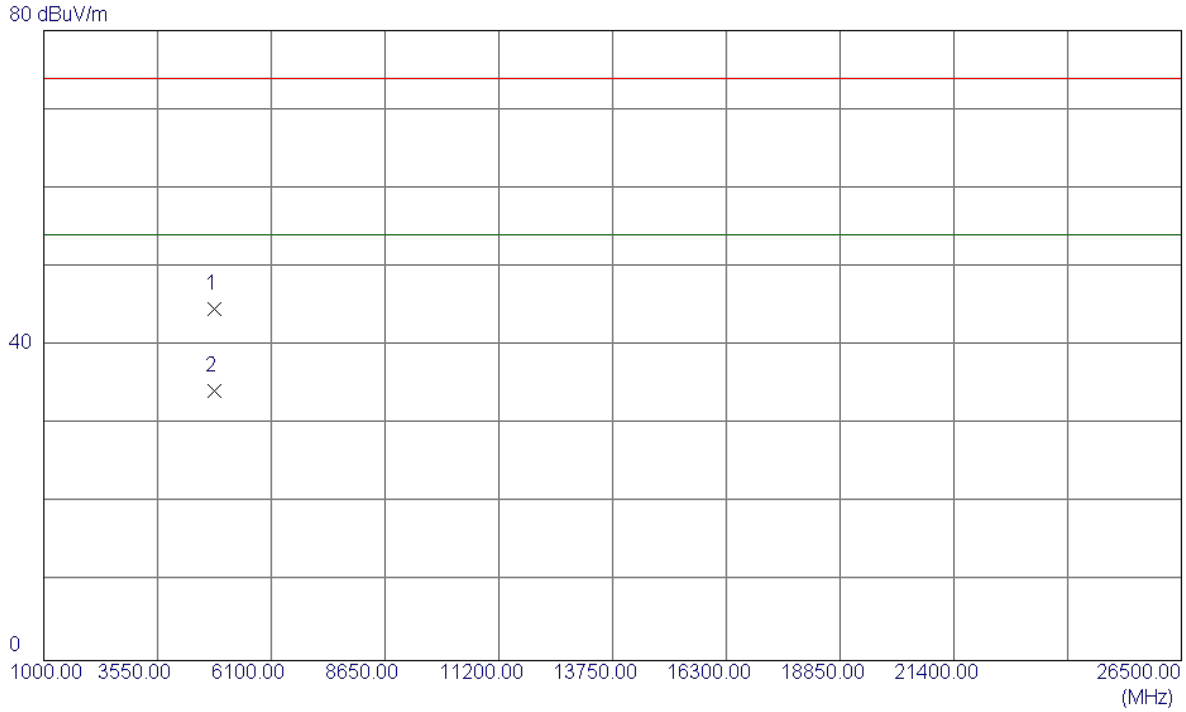
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	23.88	32.77	56.65	74.00	-17.35	Peak	
2	2390.0000	14.45	32.77	47.22	54.00	-6.78	AVG	
3 *	2413.4000	65.92	32.86	98.78	54.00	44.78	AVG	No Limit
4	2413.6000	69.32	32.86	102.18	74.00	28.18	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

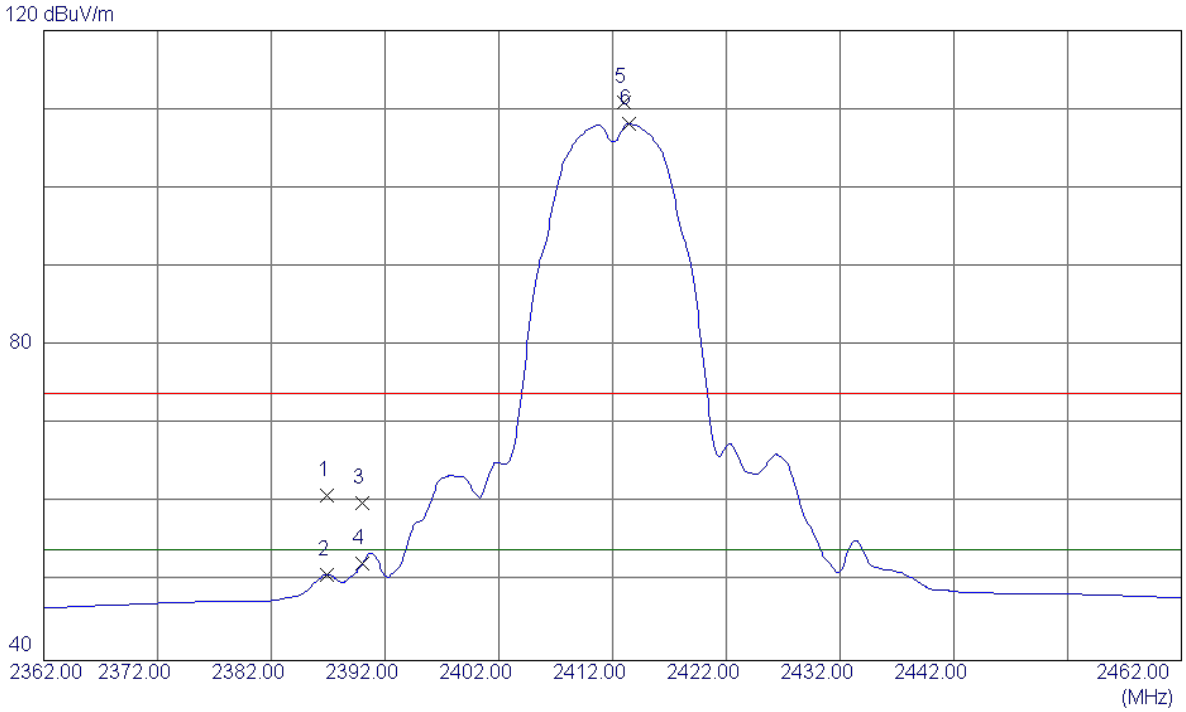
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.8300	39.94	4.69	44.63	74.00	-29.37	Peak	
2 *	4824.0600	29.55	4.69	34.24	54.00	-19.76	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

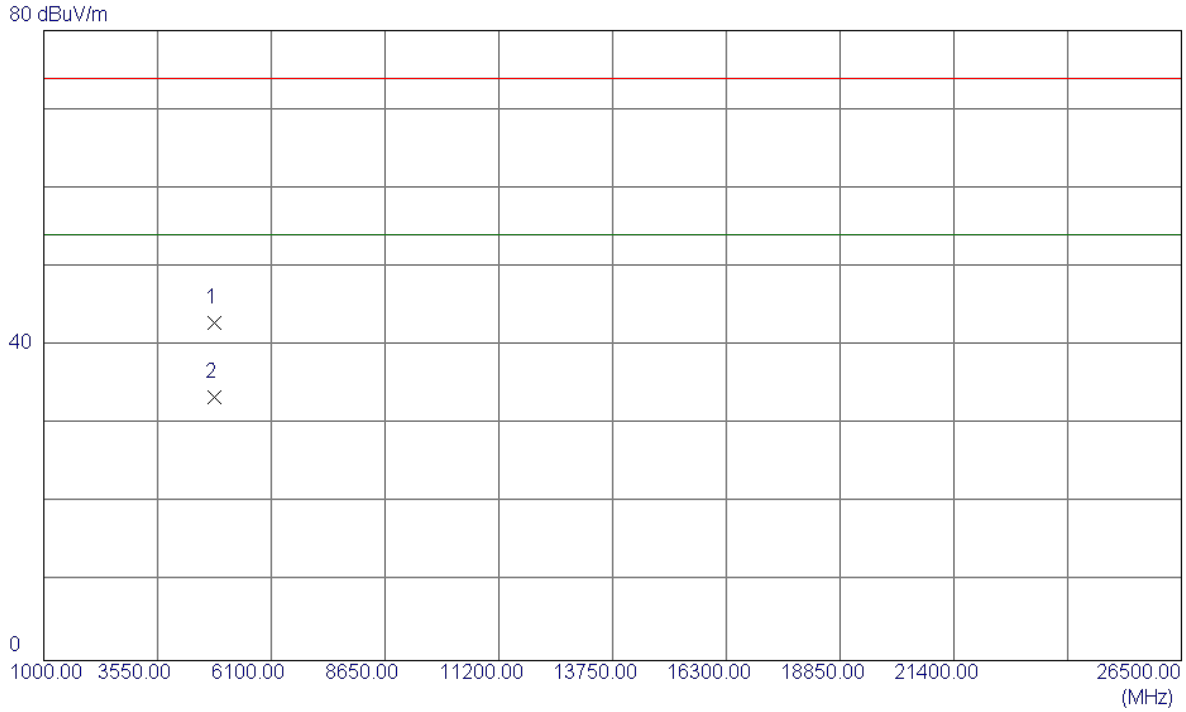
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2386.9000	28.26	32.75	61.01	74.00	-12.99	Peak	
2	2386.9000	18.20	32.75	50.95	54.00	-3.05	AVG	
3	2390.0000	27.22	32.77	59.99	74.00	-14.01	Peak	
4	2390.0000	19.55	32.77	52.32	54.00	-1.68	AVG	
5	2413.0000	78.10	32.86	110.96	74.00	36.96	Peak	No Limit
6 *	2413.4000	75.33	32.86	108.19	54.00	54.19	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

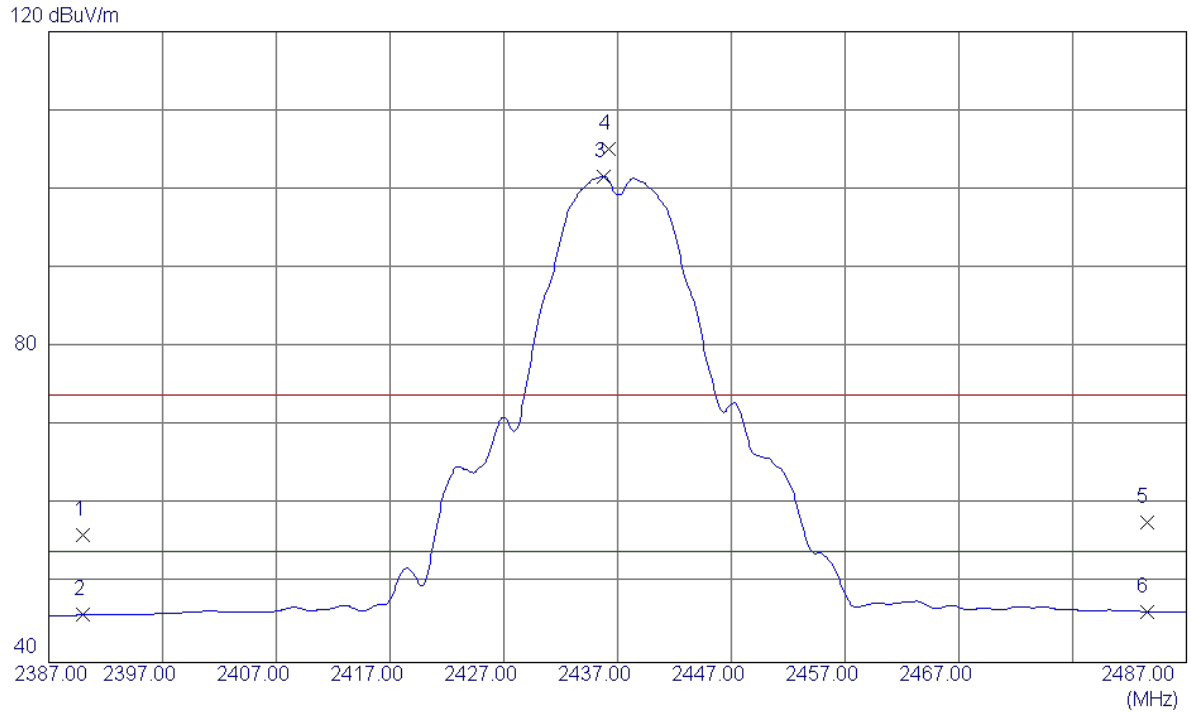
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0800	38.16	4.69	42.85	74.00	-31.15	Peak	
2 *	4824.2200	28.78	4.69	33.47	54.00	-20.53	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

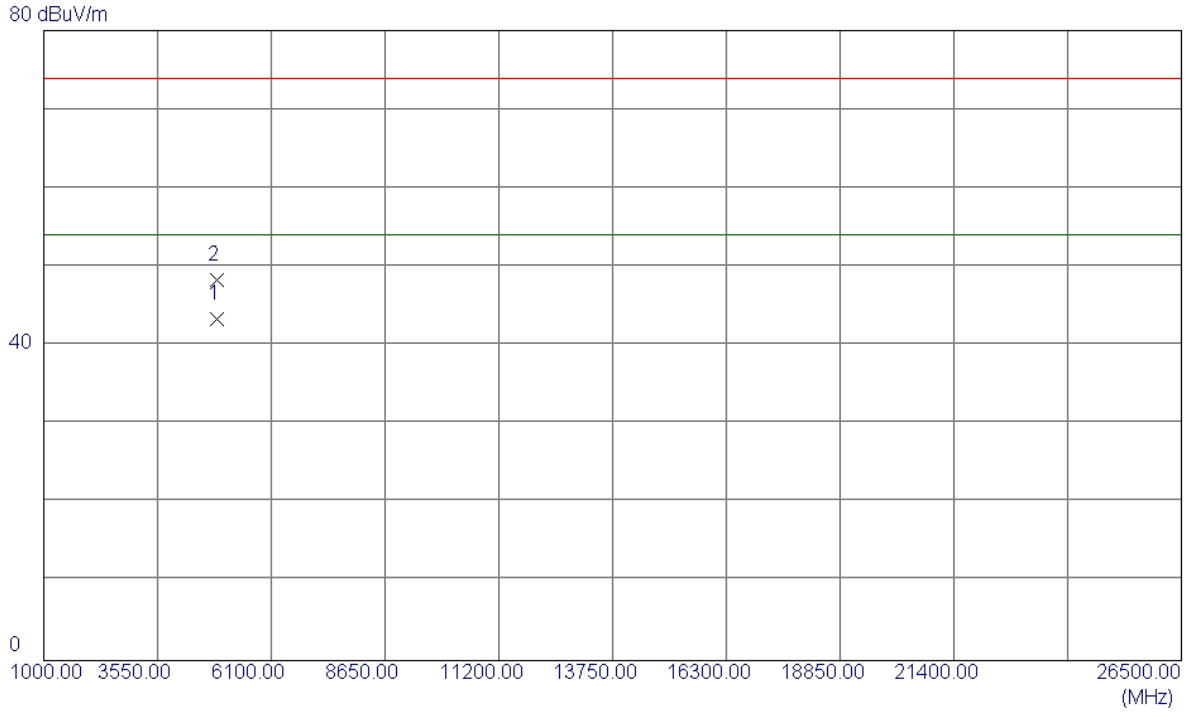
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	23.45	32.77	56.22	74.00	-17.78	Peak	
2	2390.0000	13.26	32.77	46.03	54.00	-7.97	AVG	
3 *	2435.8000	68.70	32.96	101.66	54.00	47.66	AVG	No Limit
4	2436.2000	72.23	32.96	105.19	74.00	31.19	Peak	No Limit
5	2483.5000	24.65	33.15	57.80	74.00	-16.20	Peak	
6	2483.5000	13.31	33.15	46.46	54.00	-7.54	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

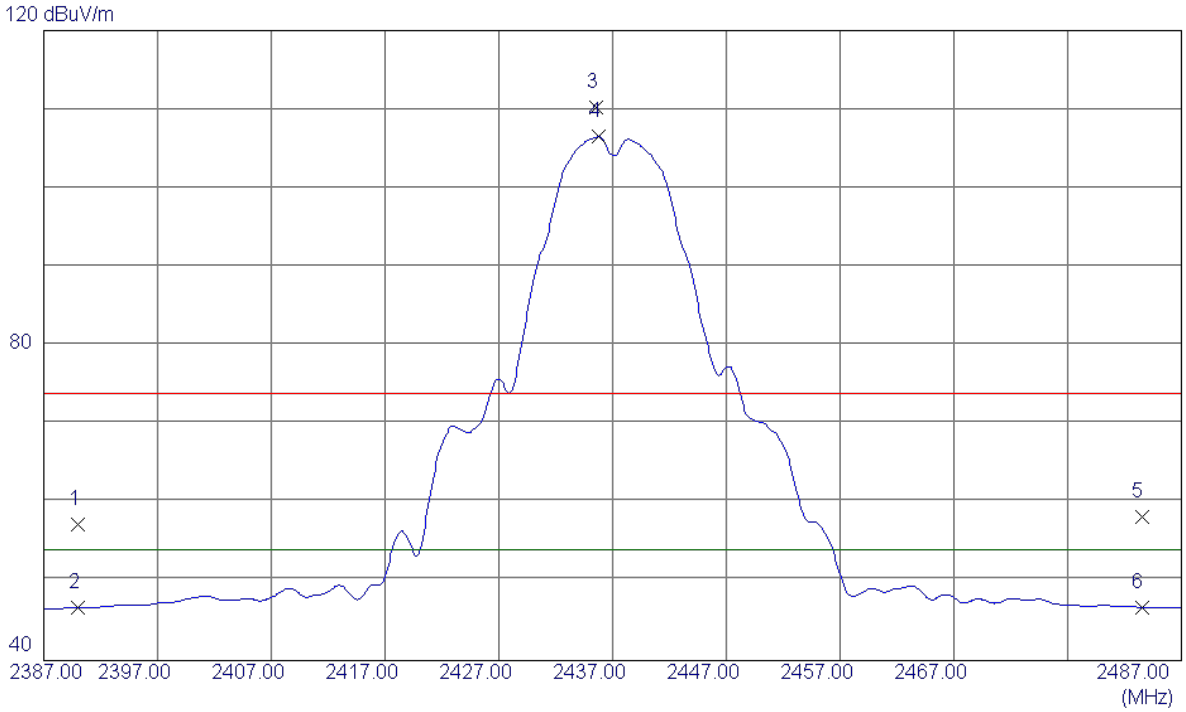
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0600	38.46	4.89	43.35	74.00	-30.65	Peak	
2 *	4874.1200	43.42	4.89	48.31	74.00	-25.69	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

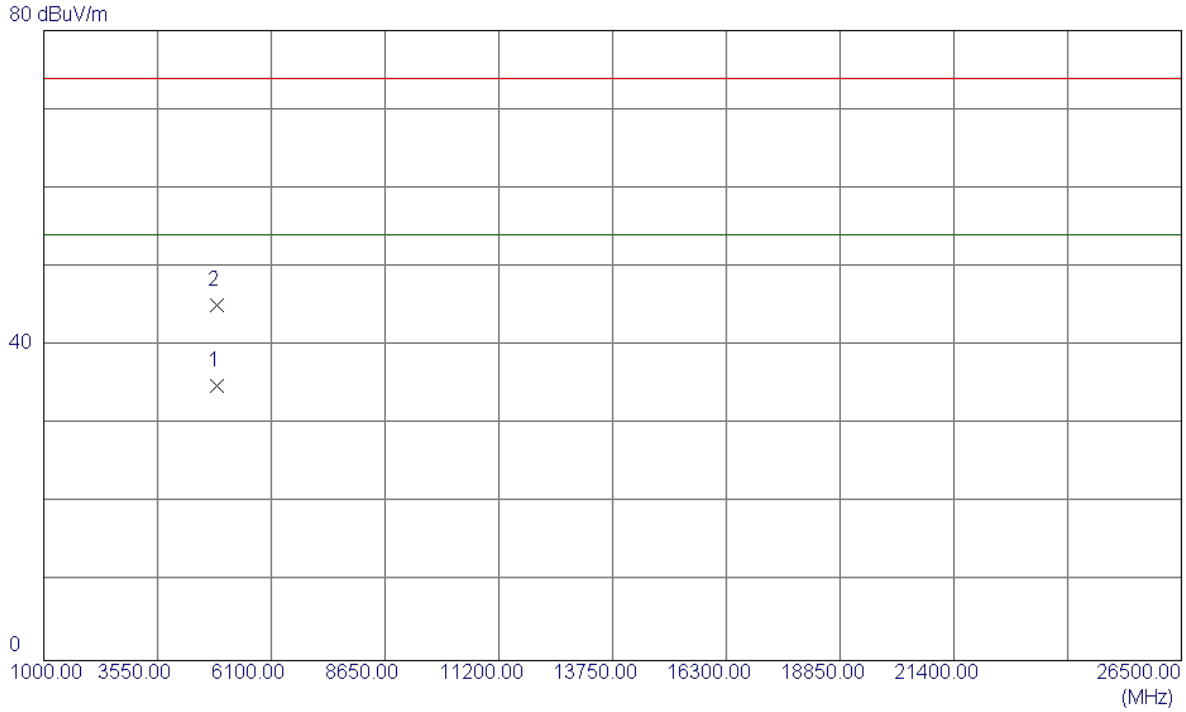
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	24.53	32.77	57.30	74.00	-16.70	Peak	
2	2390.0000	13.98	32.77	46.75	54.00	-7.25	AVG	
3	2435.6000	77.32	32.95	110.27	74.00	36.27	Peak	No Limit
4 *	2435.8000	73.56	32.96	106.52	54.00	52.52	AVG	No Limit
5	2483.5000	25.06	33.15	58.21	74.00	-15.79	Peak	
6	2483.5000	13.62	33.15	46.77	54.00	-7.23	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

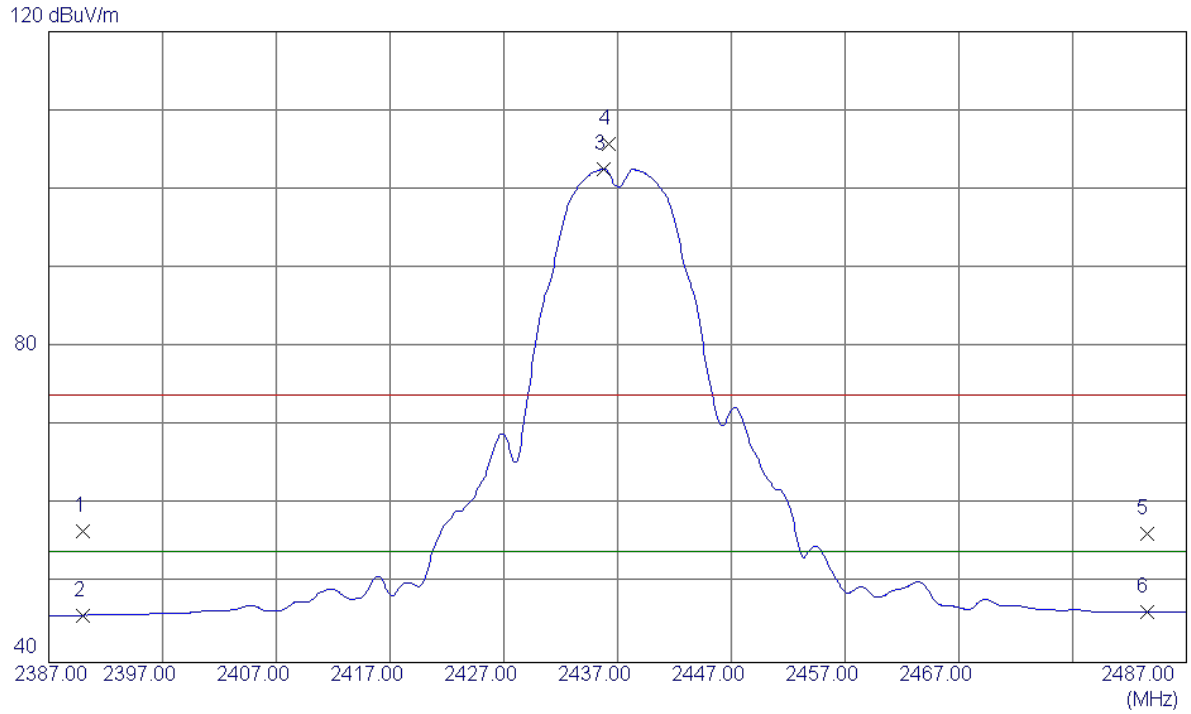
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0800	29.92	4.89	34.81	54.00	-19.19	AVG	
2	4874.3500	40.23	4.89	45.12	74.00	-28.88	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

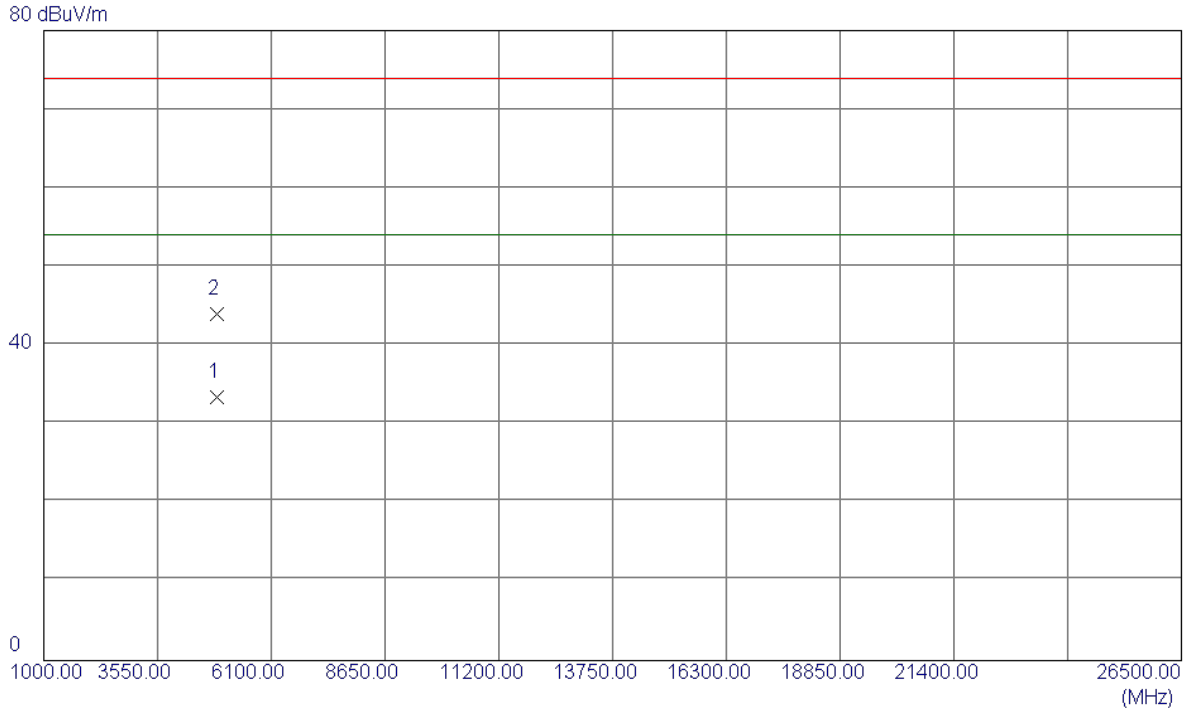
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	23.90	32.77	56.67	74.00	-17.33	Peak	
2	2390.0000	13.22	32.77	45.99	54.00	-8.01	AVG	
3 *	2435.8000	69.63	32.96	102.59	54.00	48.59	AVG	No Limit
4	2436.2000	72.84	32.96	105.80	74.00	31.80	Peak	No Limit
5	2483.5000	23.22	33.15	56.37	74.00	-17.63	Peak	
6	2483.5000	13.23	33.15	46.38	54.00	-7.62	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

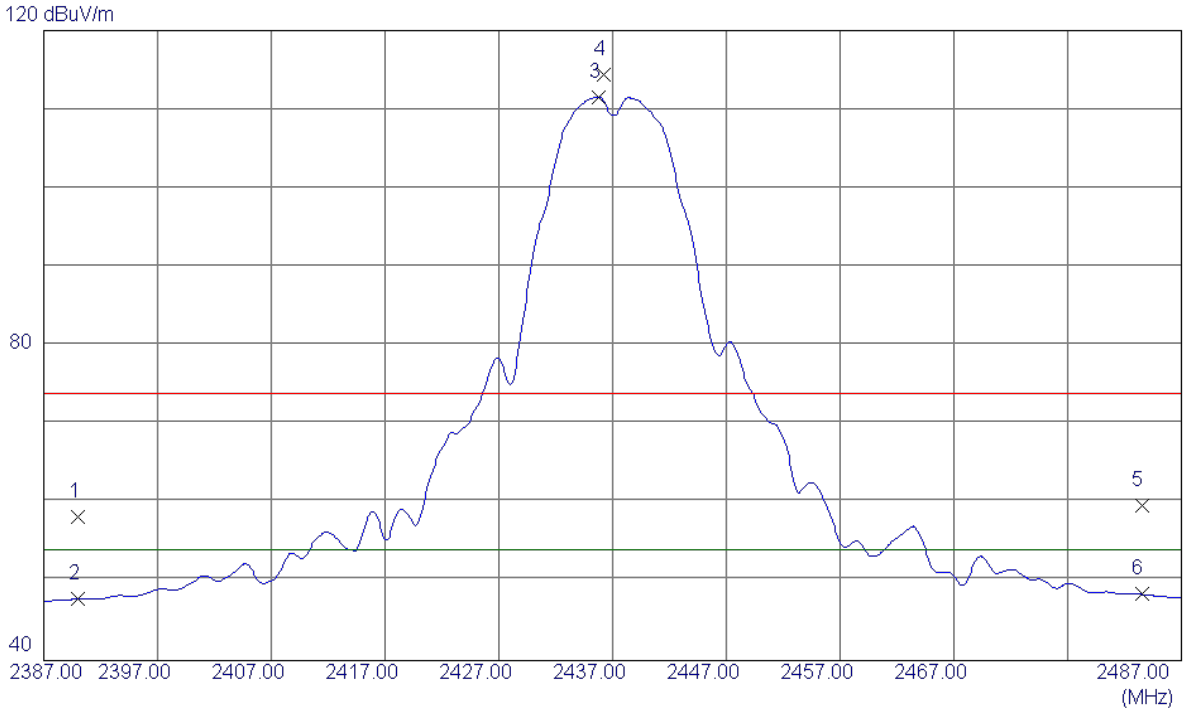
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.6200	28.53	4.89	33.42	54.00	-20.58	AVG	
2	4874.0500	39.08	4.89	43.97	74.00	-30.03	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

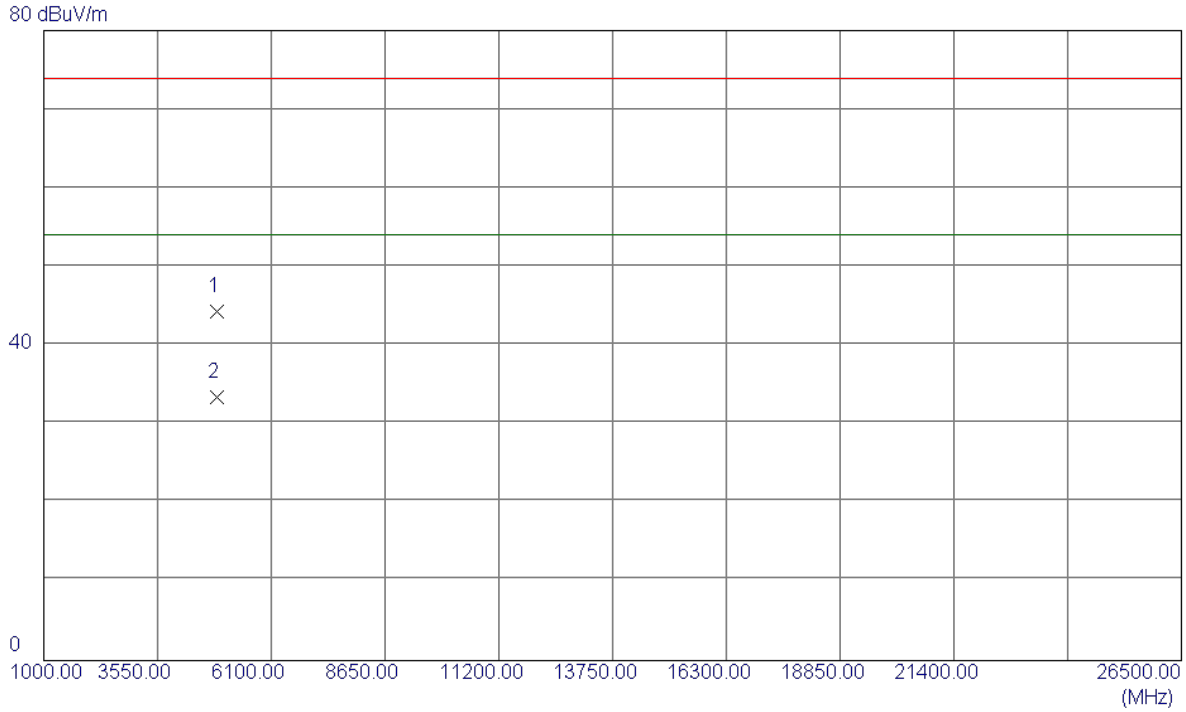
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	25.44	32.77	58.21	74.00	-15.79	Peak	
2	2390.0000	15.03	32.77	47.80	54.00	-6.20	AVG	
3 *	2435.8000	78.62	32.96	111.58	54.00	57.58	AVG	No Limit
4	2436.2000	81.50	32.96	114.46	74.00	40.46	Peak	No Limit
5	2483.5000	26.53	33.15	59.68	74.00	-14.32	Peak	
6	2483.5000	15.26	33.15	48.41	54.00	-5.59	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

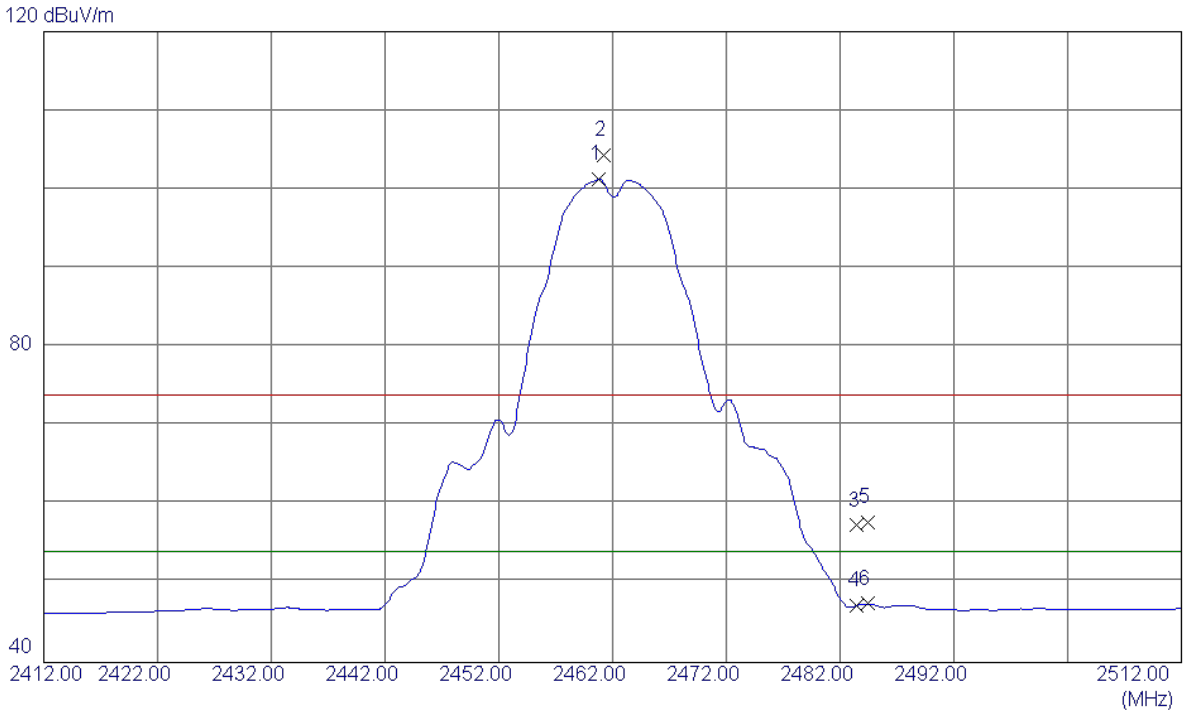
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.2400	39.42	4.89	44.31	74.00	-29.69	Peak	
2 *	4874.2900	28.52	4.89	33.41	54.00	-20.59	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

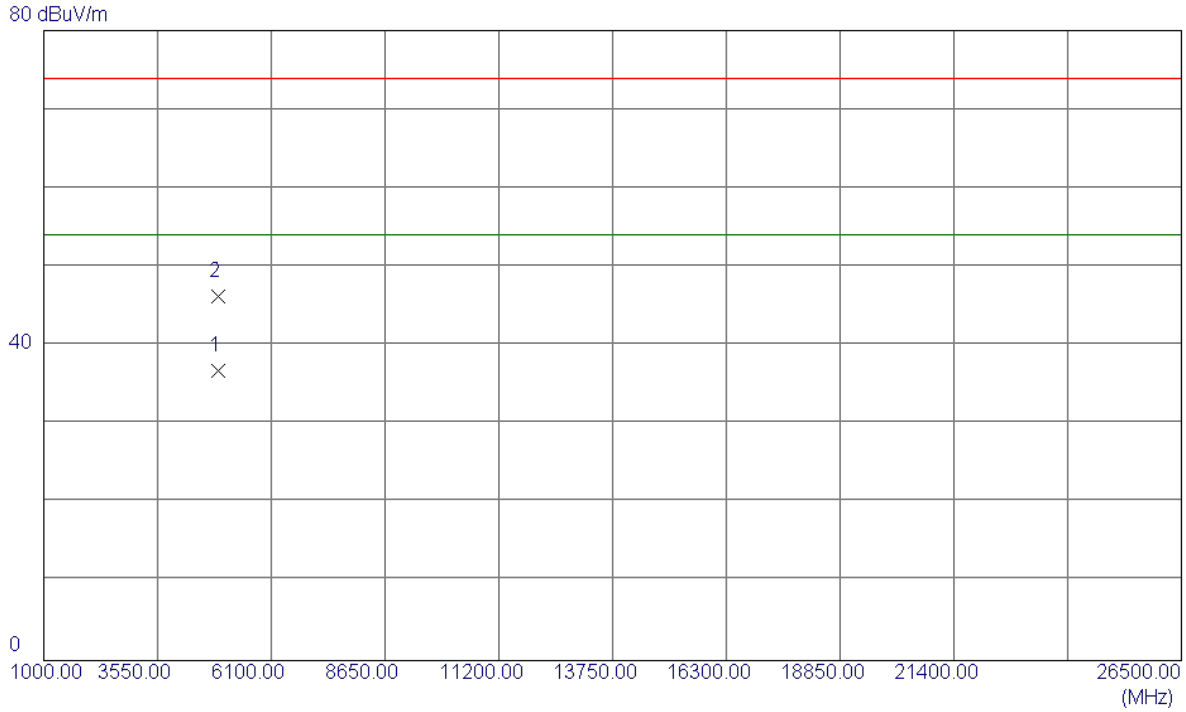
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2460.8000	68.22	33.06	101.28	54.00	47.28	AVG	No Limit
2	2461.2000	71.21	33.06	104.27	74.00	30.27	Peak	No Limit
3	2483.5000	24.21	33.15	57.36	74.00	-16.64	Peak	
4	2483.5000	14.06	33.15	47.21	54.00	-6.79	AVG	
5	2484.4000	24.55	33.16	57.71	74.00	-16.29	Peak	
6	2484.4000	14.28	33.16	47.44	54.00	-6.56	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

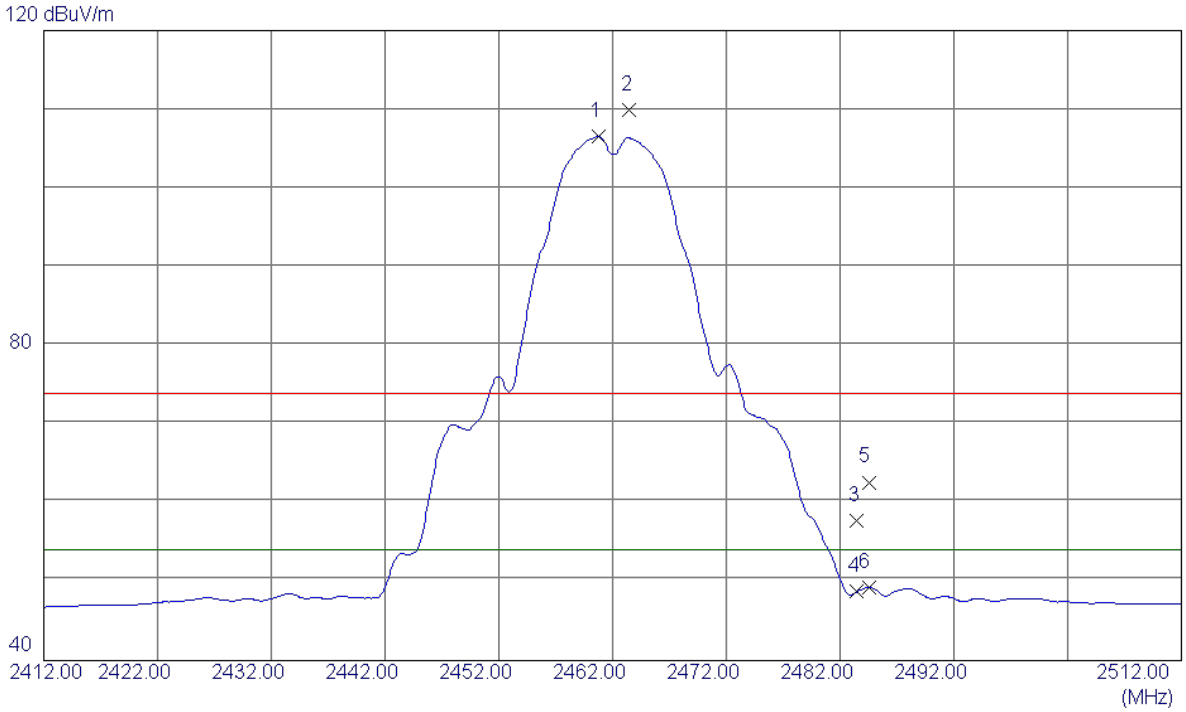
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0400	31.69	5.08	36.77	54.00	-17.23	AVG	
2	4924.0600	41.14	5.08	46.22	74.00	-27.78	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

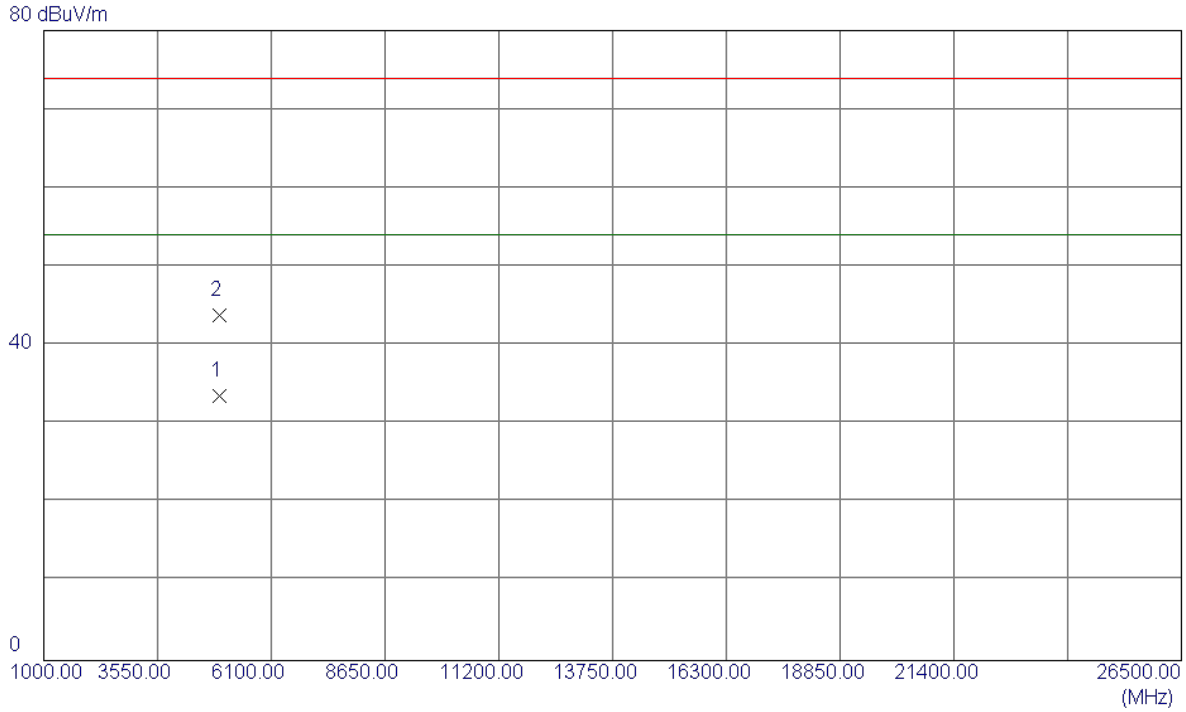
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2460.8000	73.49	33.06	106.55	54.00	52.55	AVG	No Limit
2	2463.5000	76.80	33.07	109.87	74.00	35.87	Peak	No Limit
3	2483.5000	24.55	33.15	57.70	74.00	-16.30	Peak	
4	2483.5000	15.59	33.15	48.74	54.00	-5.26	AVG	
5	2484.5000	29.48	33.16	62.64	74.00	-11.36	Peak	
6	2484.5000	16.14	33.16	49.30	54.00	-4.70	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

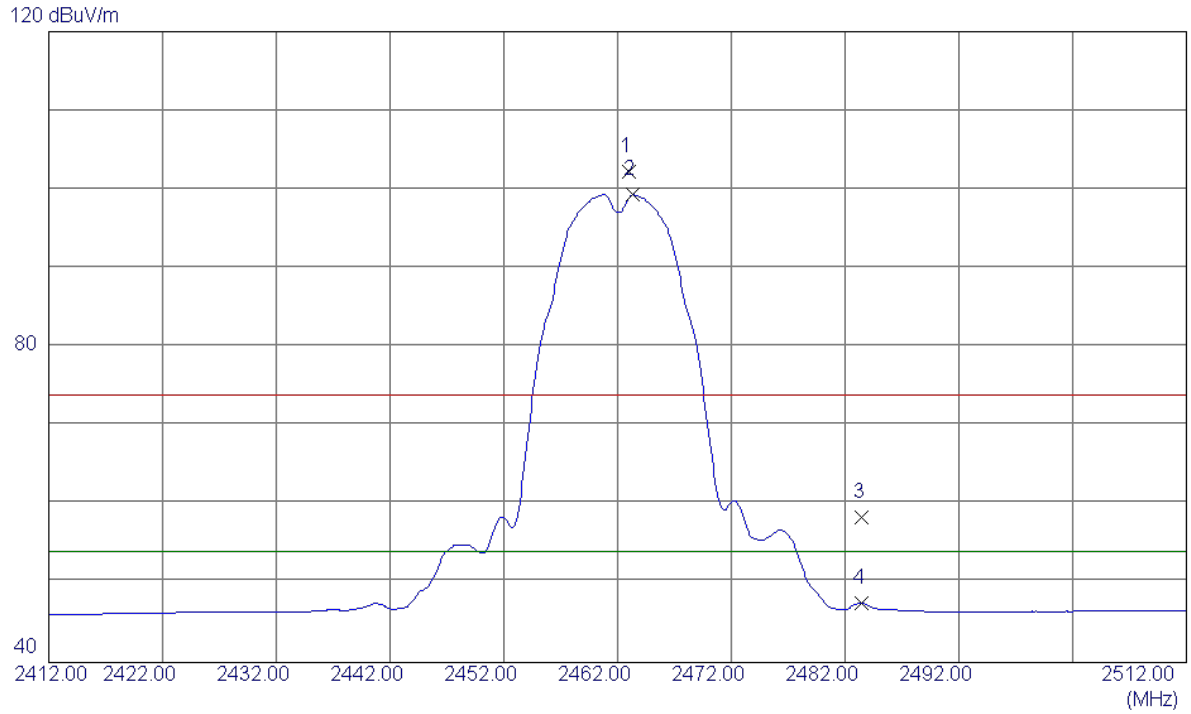
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.2200	28.49	5.08	33.57	54.00	-20.43	AVG	
2	4924.2700	38.69	5.08	43.77	74.00	-30.23	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

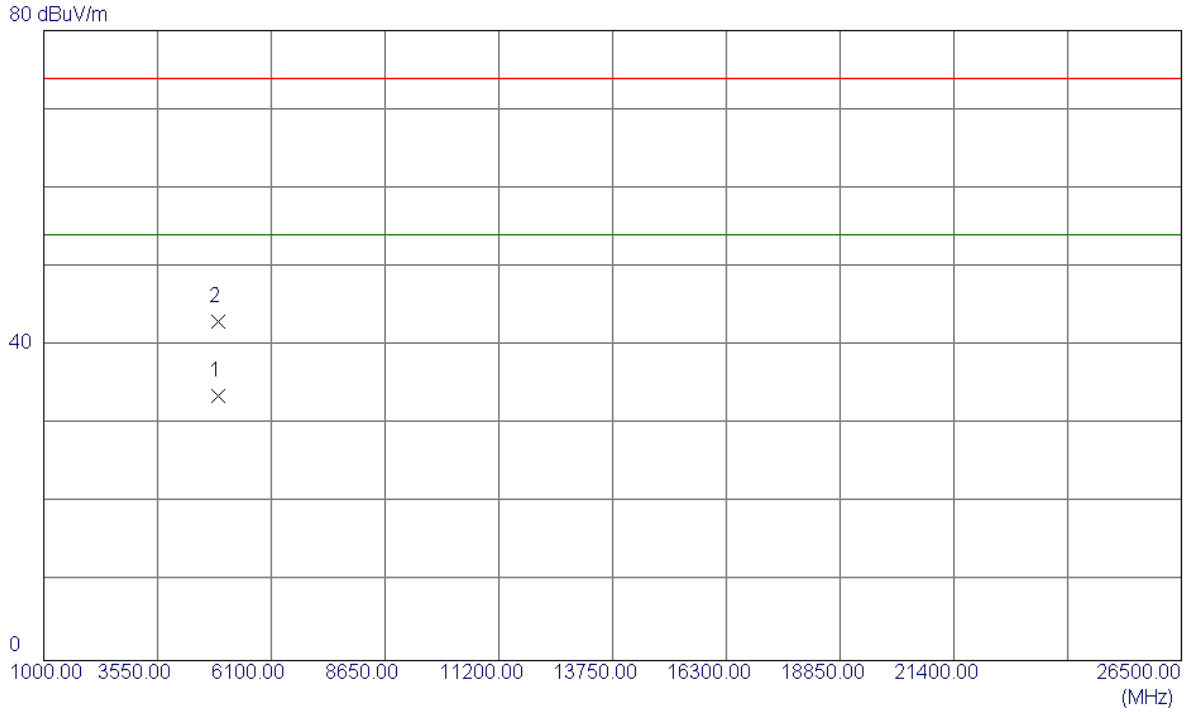
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.0000	69.11	33.07	102.18	74.00	28.18	Peak	No Limit
2 *	2463.3000	66.25	33.07	99.32	54.00	45.32	AVG	No Limit
3	2483.5000	25.28	33.15	58.43	74.00	-15.57	Peak	
4	2483.5000	14.36	33.15	47.51	54.00	-6.49	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

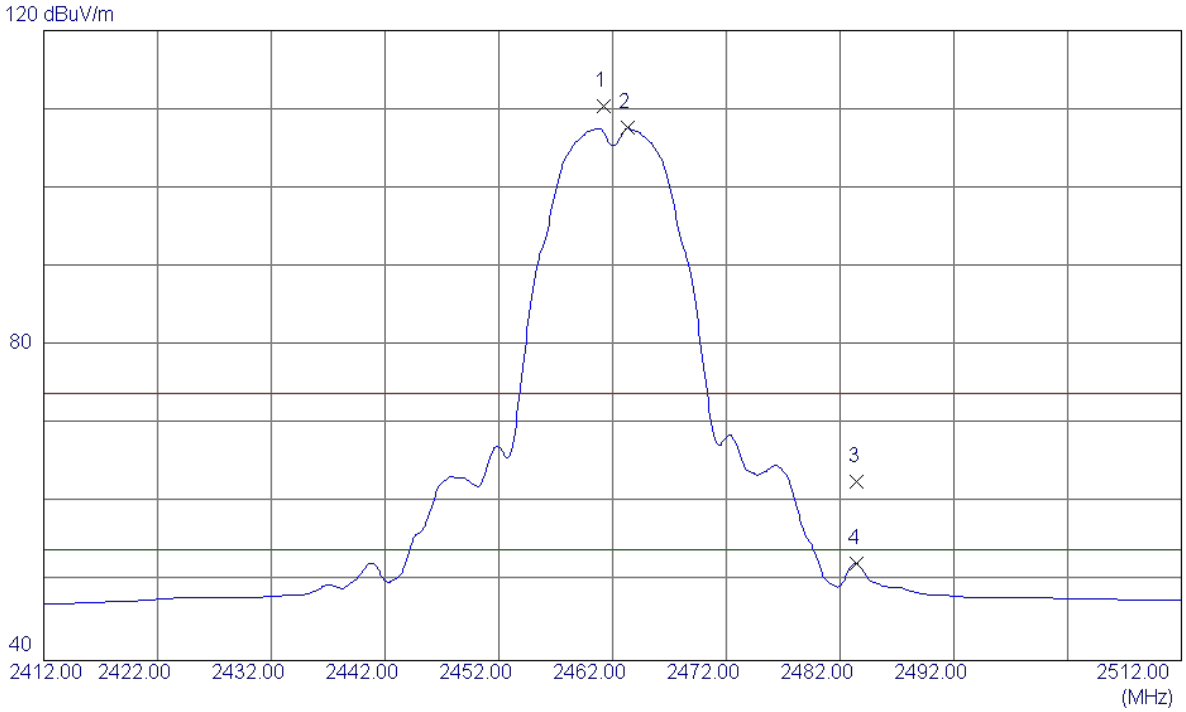
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.8100	28.47	5.08	33.55	54.00	-20.45	AVG	
2	4923.9100	38.00	5.08	43.08	74.00	-30.92	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

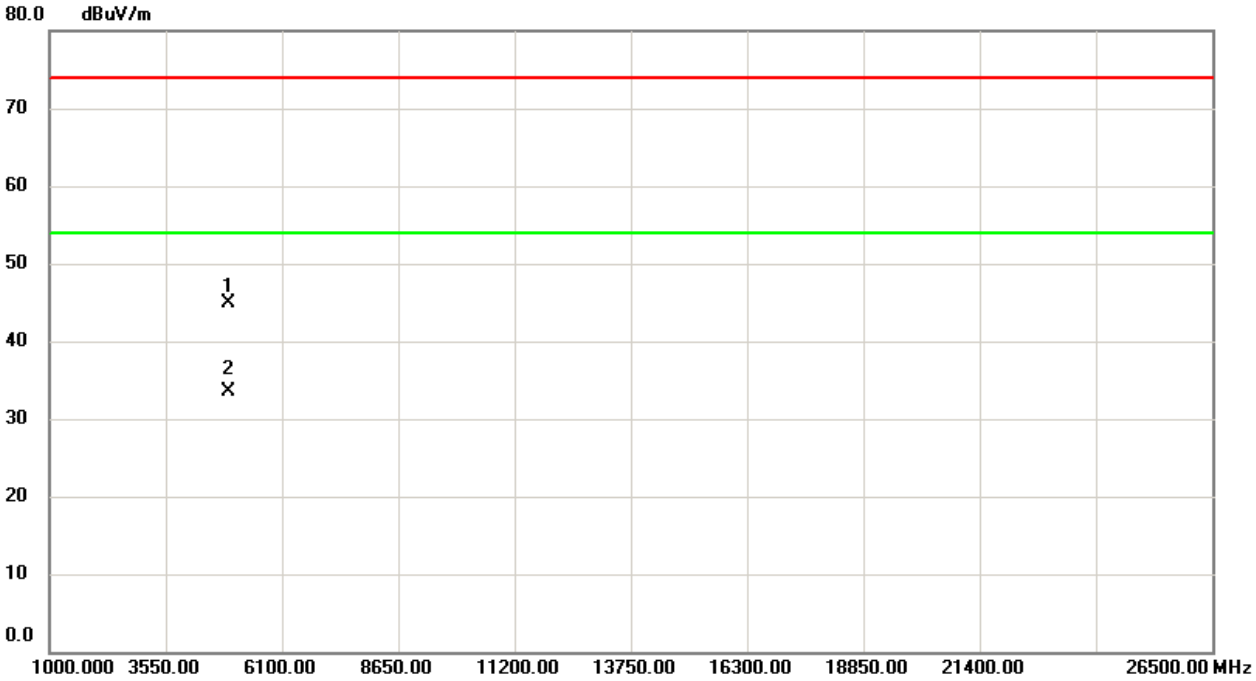
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2461.2000	77.39	33.06	110.45	74.00	36.45	Peak	No Limit
2 *	2463.3000	74.54	33.07	107.61	54.00	53.61	AVG	No Limit
3	2483.5000	29.59	33.15	62.74	74.00	-11.26	Peak	
4	2483.5000	19.13	33.15	52.28	54.00	-1.72	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

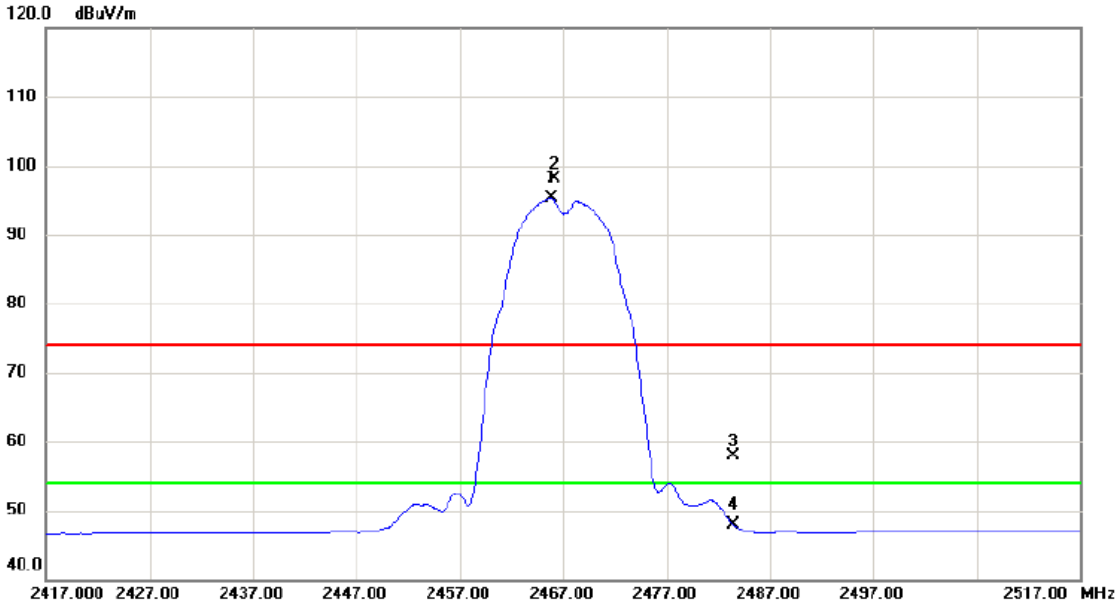
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.810	39.73	5.08	44.81	74.00	-29.19	peak	
2	*	4923.810	28.47	5.08	33.55	54.00	-20.45	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT1

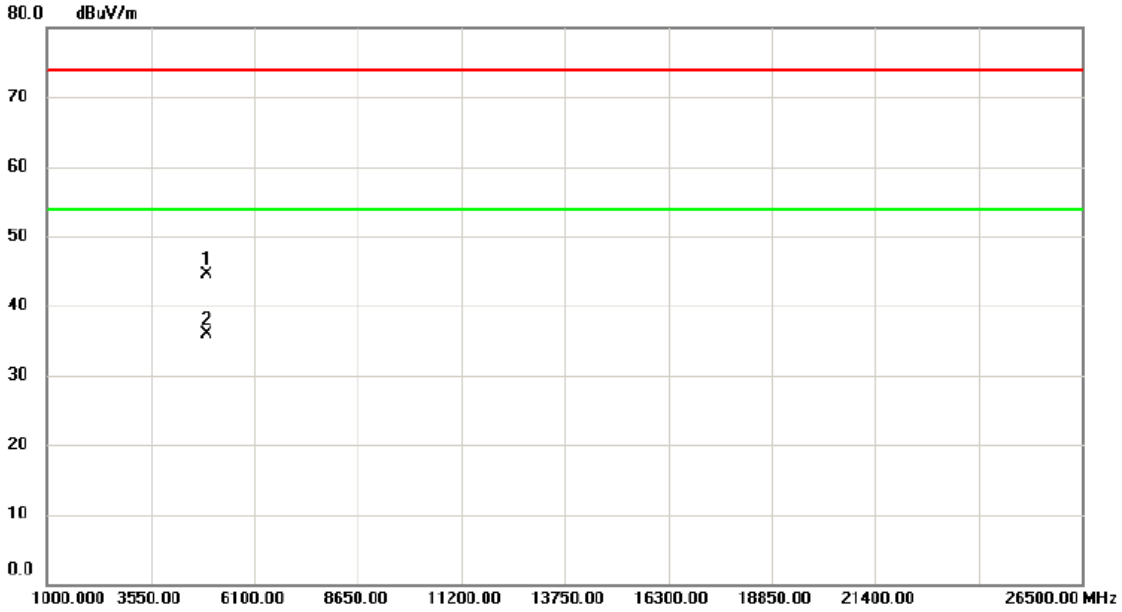
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2465.800	61.95	33.33	95.28	54.00	41.28	AVG	No Limit
2	X	2466.100	64.74	33.33	98.07	74.00	24.07	peak	No Limit
3		2483.500	24.50	33.40	57.90	74.00	-16.10	peak	
4		2483.500	14.45	33.40	47.85	54.00	-6.15	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT1

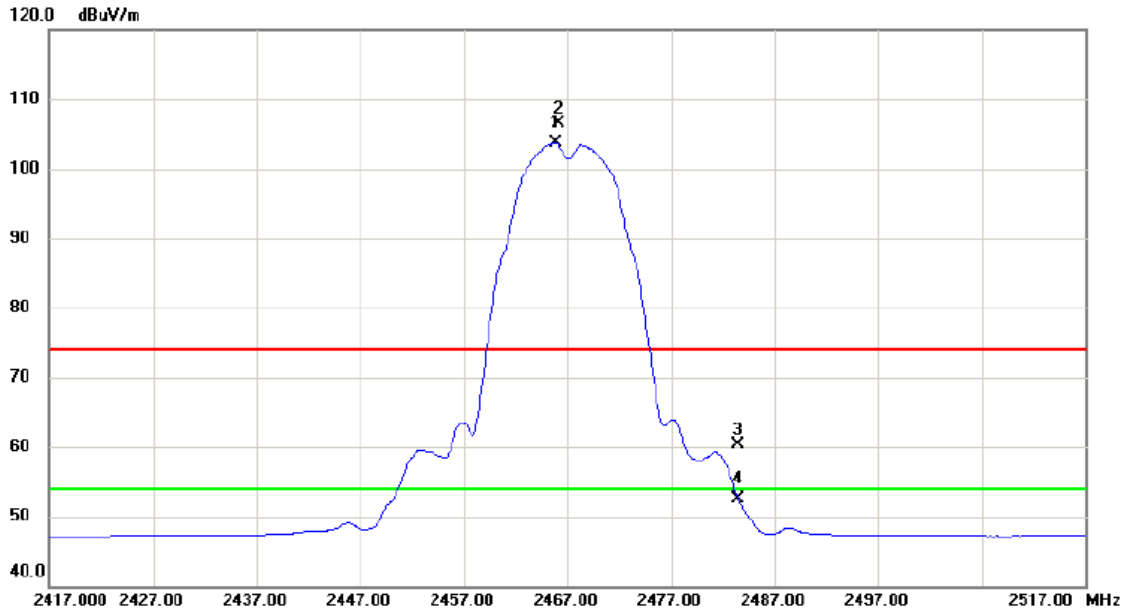
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4933.880	39.42	5.13	44.55	74.00	-29.45	peak	
2		4934.060	30.69	5.13	35.82	74.00	-38.18	peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT1

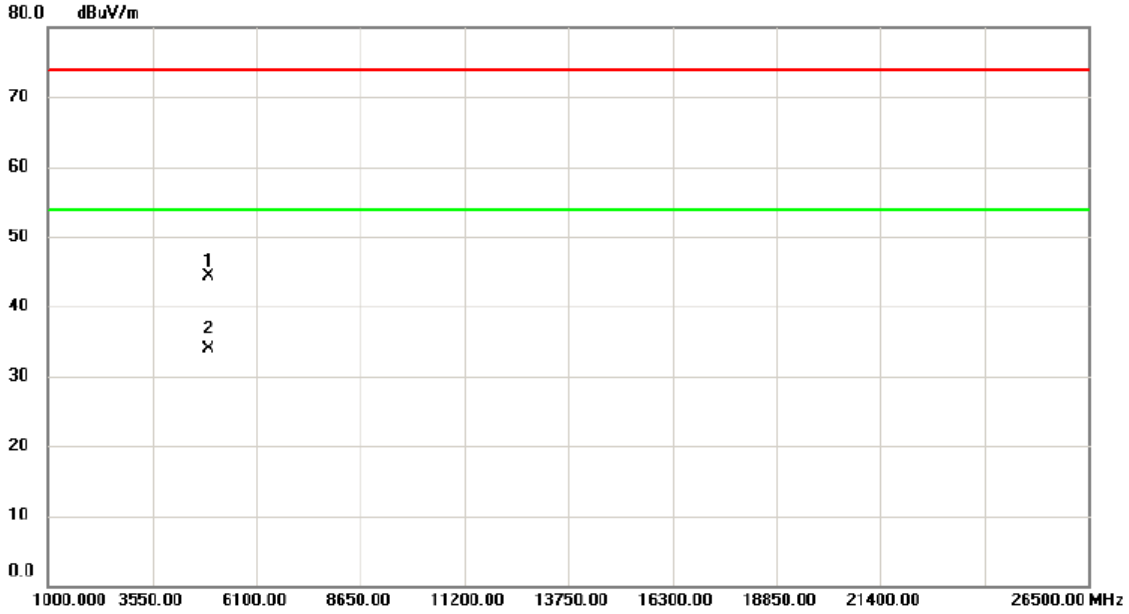
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2465.800	70.40	33.33	103.73	54.00	49.73	AVG	No Limit
2	X	2466.100	73.22	33.33	106.55	74.00	32.55	peak	No Limit
3		2483.500	26.98	33.40	60.38	74.00	-13.62	peak	
4		2483.500	19.05	33.40	52.45	54.00	-1.55	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT1

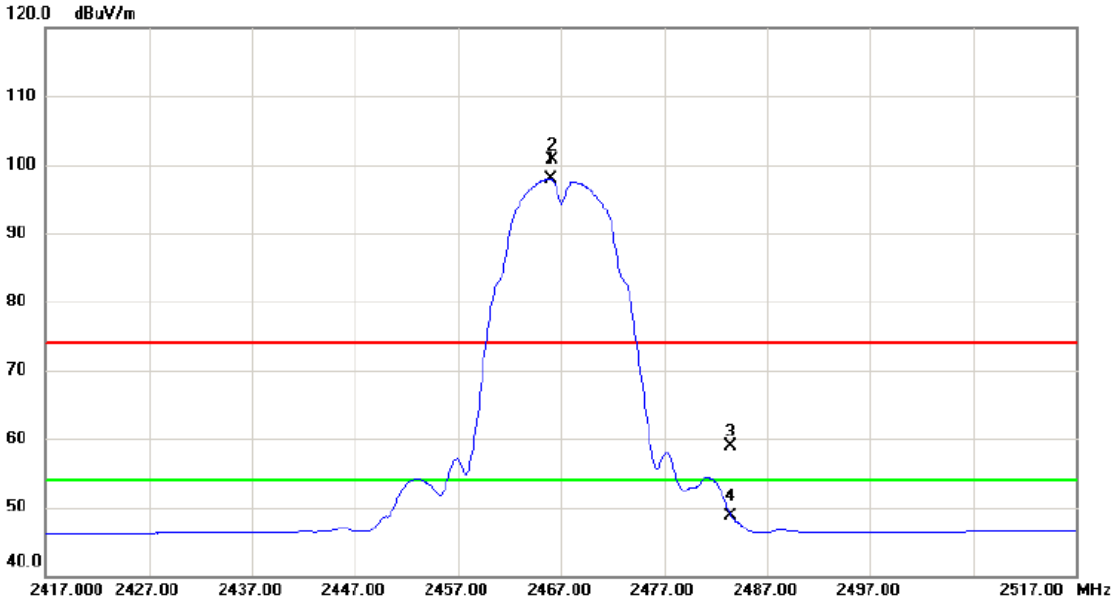
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4933.880	39.25	5.13	44.38	74.00	-29.62	peak	
2	*	4934.340	28.71	5.13	33.84	54.00	-20.16	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT2

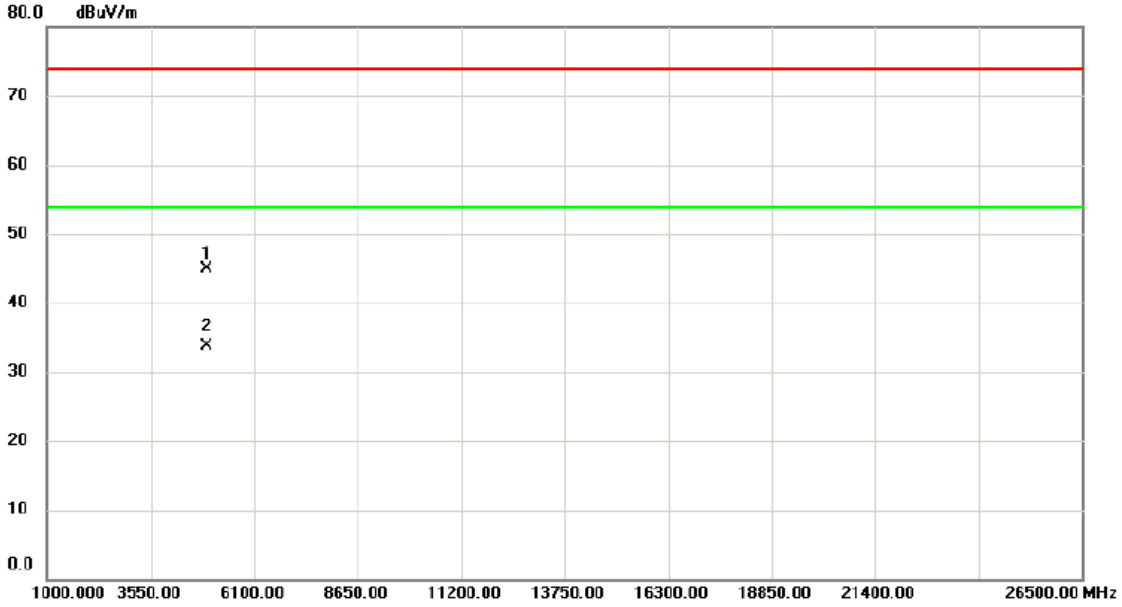
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2466.000	64.79	33.08	97.87	54.00	43.87	AVG	No Limit
2	X	2466.200	67.59	33.08	100.67	74.00	26.67	peak	No Limit
3		2483.500	25.70	33.15	58.85	74.00	-15.15	peak	
4		2483.500	15.65	33.15	48.80	54.00	-5.20	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT2

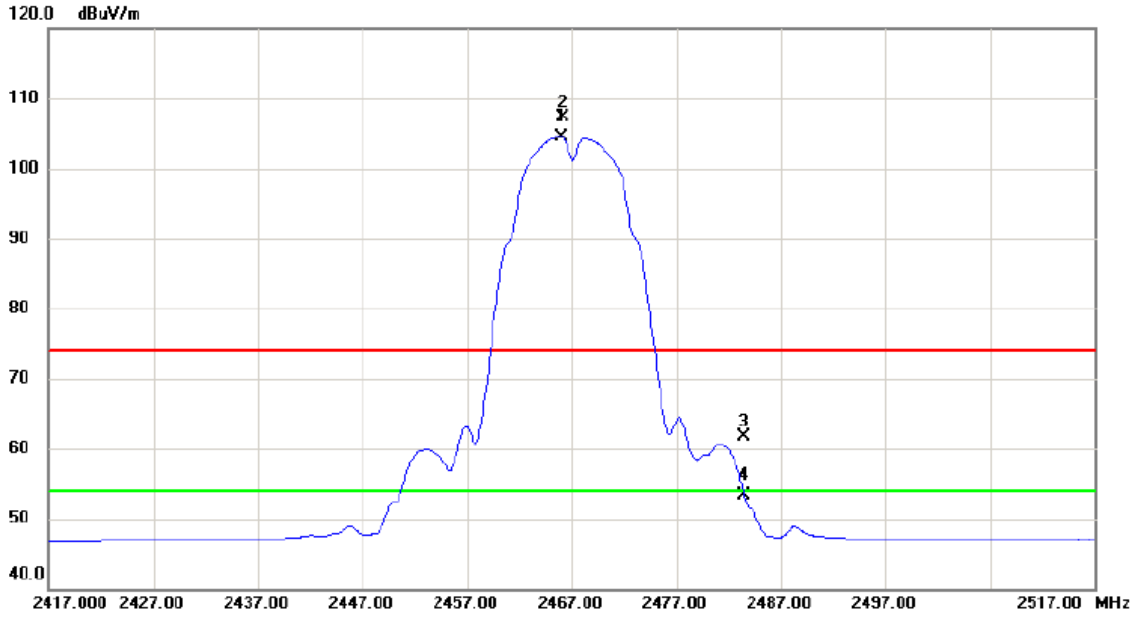
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.140	39.76	5.13	44.89	74.00	-29.11	peak	
2	*	4934.140	28.67	5.13	33.80	54.00	-20.20	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz_ANT2

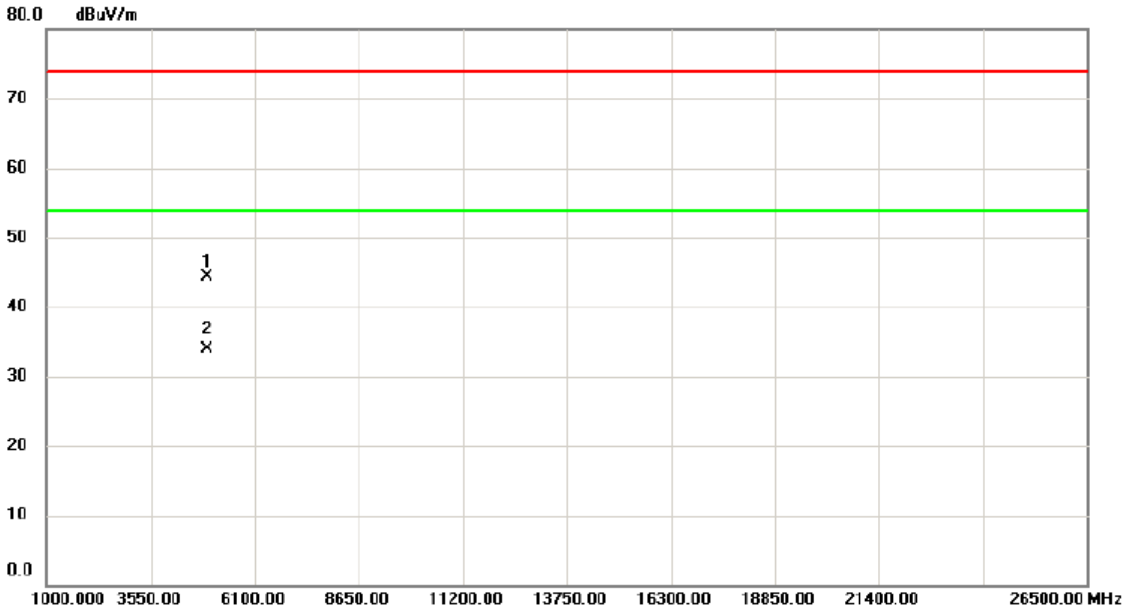
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2466.000	71.48	33.08	104.56	54.00	50.56	AVG	No Limit
2	X	2466.200	74.28	33.08	107.36	74.00	33.36	peak	No Limit
3		2483.500	28.53	33.15	61.68	74.00	-12.32	peak	
4		2483.500	20.15	33.15	53.30	54.00	-0.70	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT2

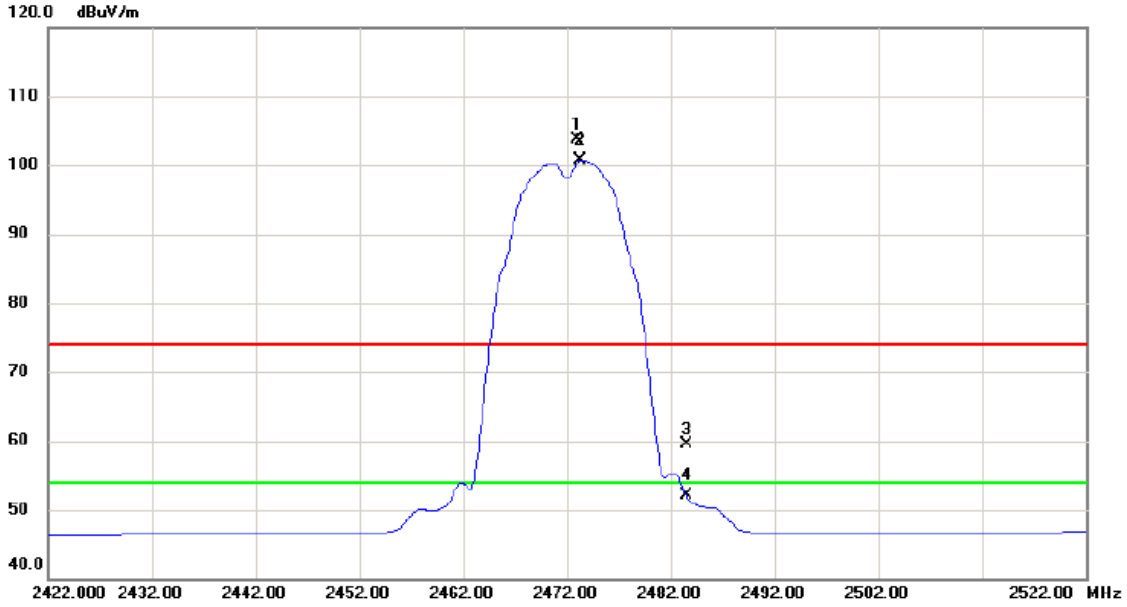
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4933.480	39.17	5.11	44.28	74.00	-29.72	peak	
2	*	4934.360	28.68	5.13	33.81	54.00	-20.19	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT1

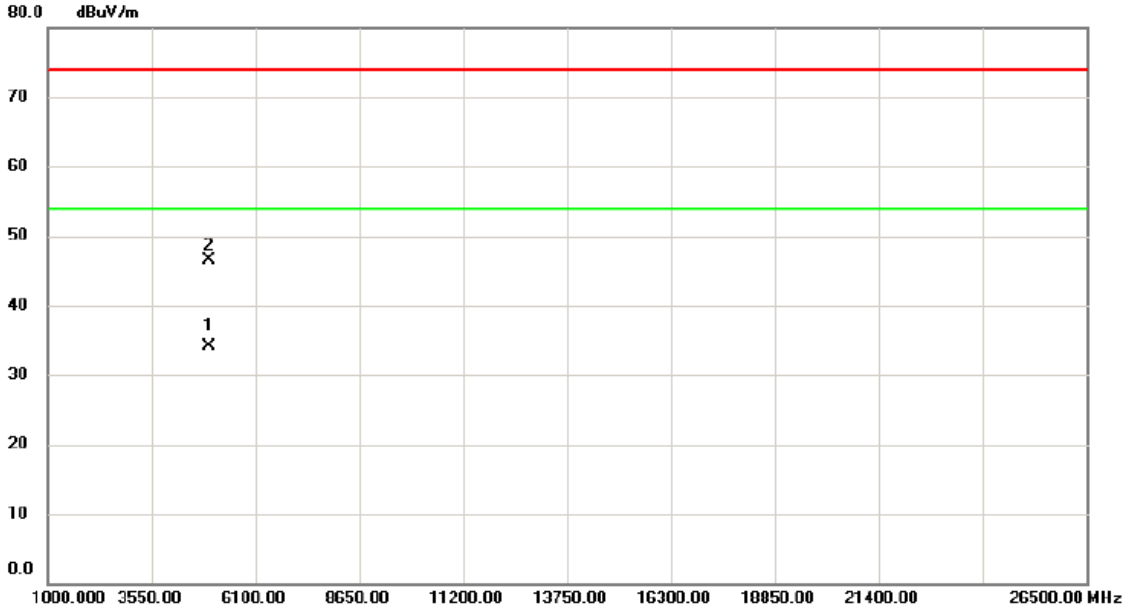
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2473.000	70.59	33.11	103.70	74.00	29.70	peak	No Limit
2	*	2473.300	67.68	33.11	100.79	54.00	46.79	AVG	No Limit
3		2483.500	26.26	33.15	59.41	74.00	-14.59	peak	
4		2483.500	18.86	33.15	52.01	54.00	-1.99	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT1

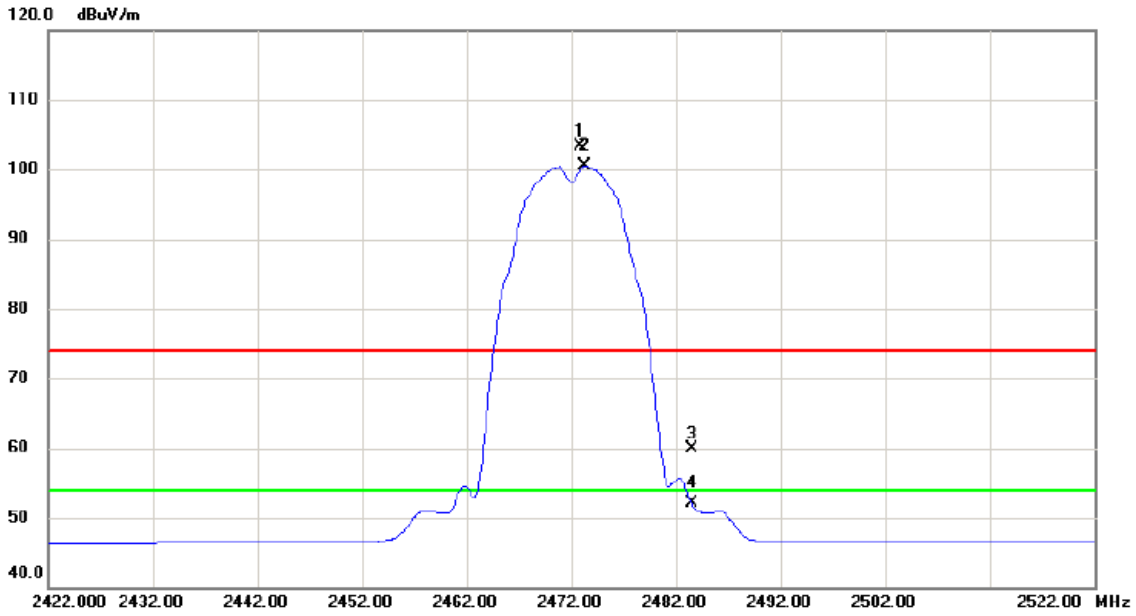
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4944.050	29.03	5.16	34.19	54.00	-19.81	AVG	
2		4944.270	41.39	5.16	46.55	74.00	-27.45	peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT1

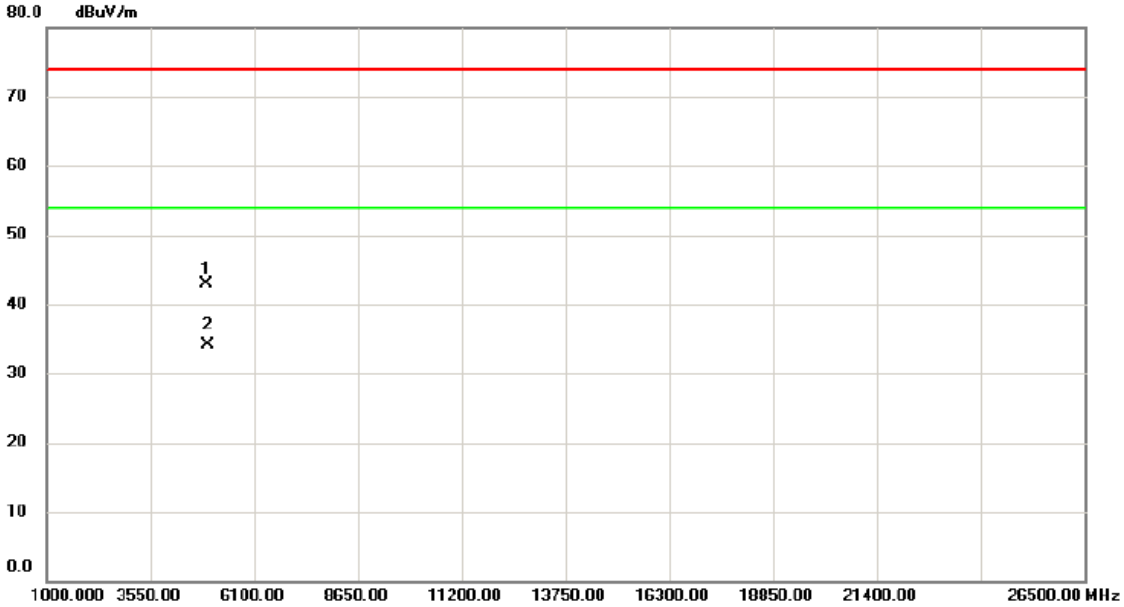
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2472.900	70.26	33.11	103.37	74.00	29.37	peak	No Limit
2	*	2473.300	67.43	33.11	100.54	54.00	46.54	AVG	No Limit
3		2483.500	26.67	33.15	59.82	74.00	-14.18	peak	
4		2483.500	18.91	33.15	52.06	54.00	-1.94	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT1

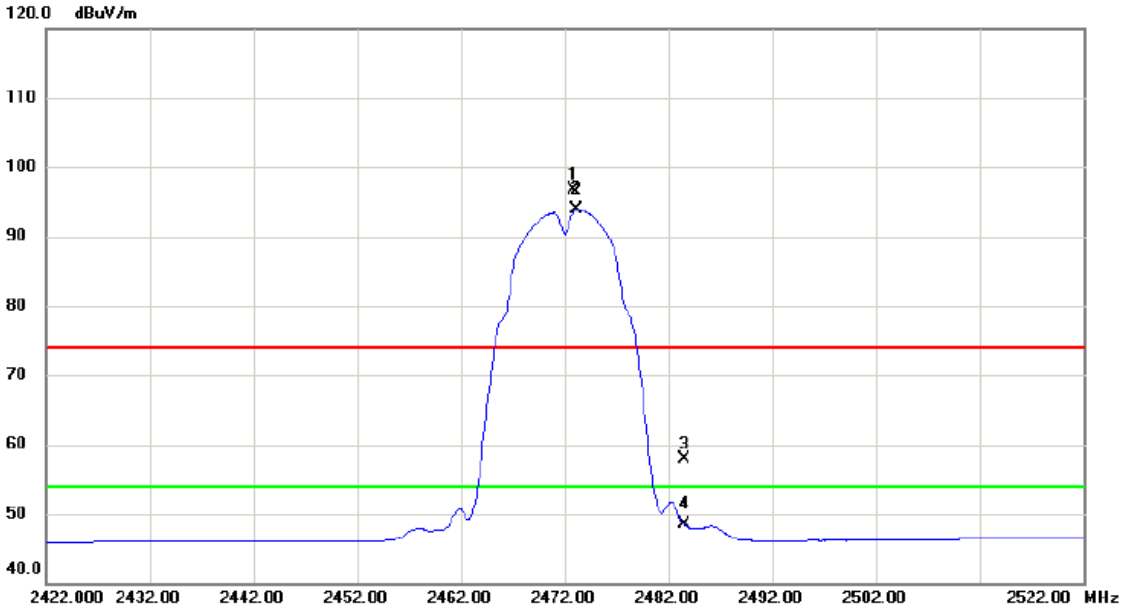
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4943.940	37.65	5.16	42.81	74.00	-31.19	peak	
2	*	4944.330	28.91	5.16	34.07	54.00	-19.93	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

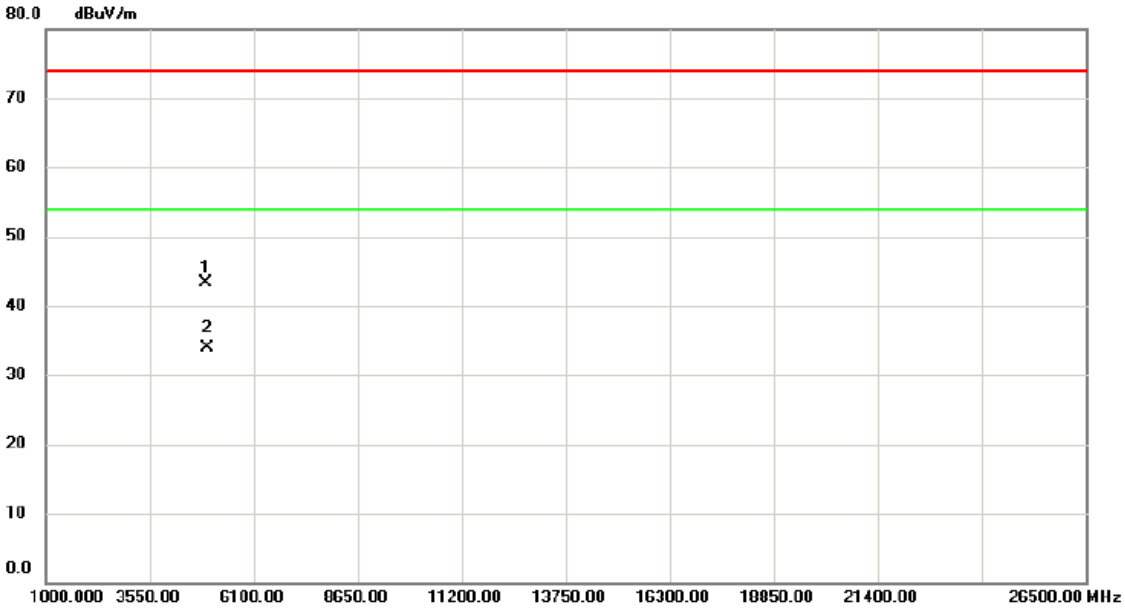
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2472.900	63.50	33.11	96.61	74.00	22.61	peak	No Limit
2	*	2473.100	60.70	33.11	93.81	54.00	39.81	AVG	No Limit
3		2483.500	24.79	33.15	57.94	74.00	-16.06	peak	
4		2483.500	15.38	33.15	48.53	54.00	-5.47	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

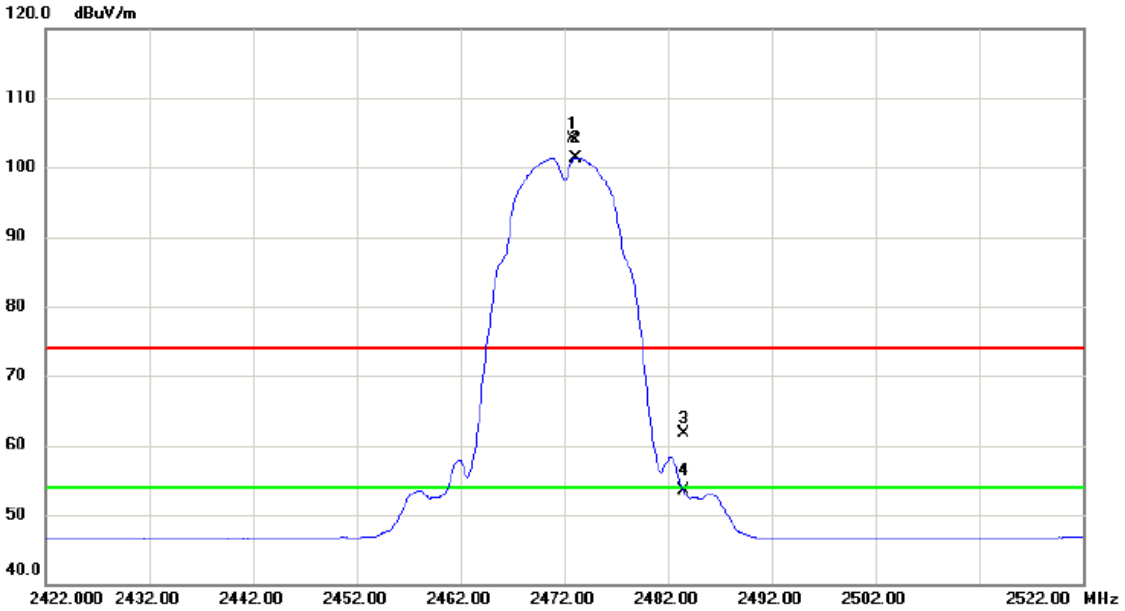
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4943.800	38.21	5.16	43.37	74.00	-30.63	peak	
2	*	4944.300	28.84	5.16	34.00	54.00	-20.00	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

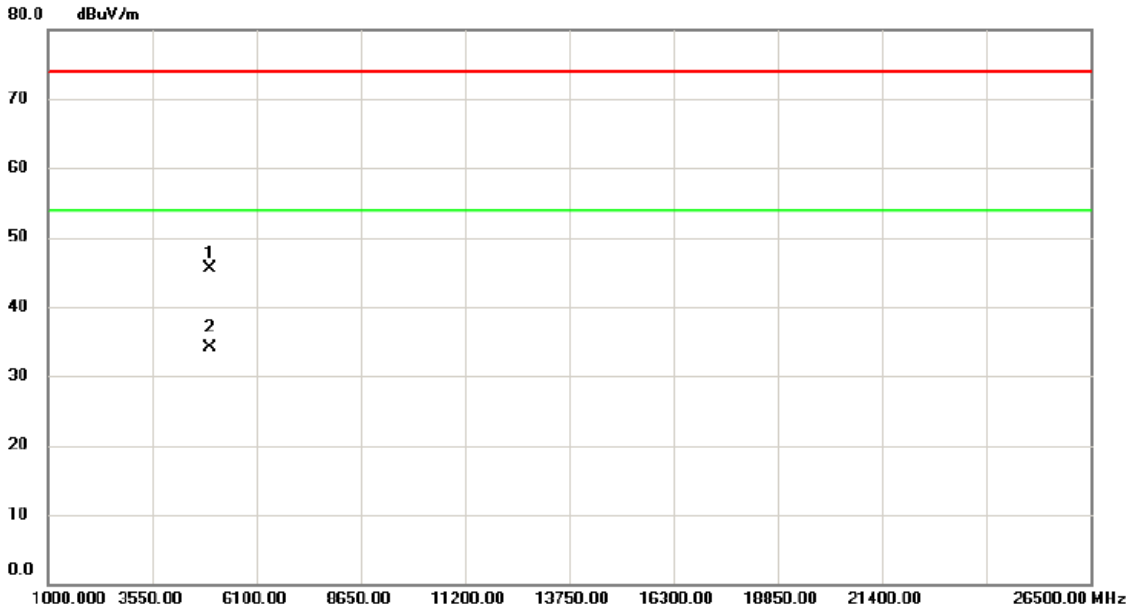
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2472.900	71.04	33.11	104.15	74.00	30.15	peak	No Limit
2	*	2473.100	68.28	33.11	101.39	54.00	47.39	AVG	No Limit
3		2483.500	28.56	33.15	61.71	74.00	-12.29	peak	
4		2483.500	20.33	33.15	53.48	54.00	-0.52	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

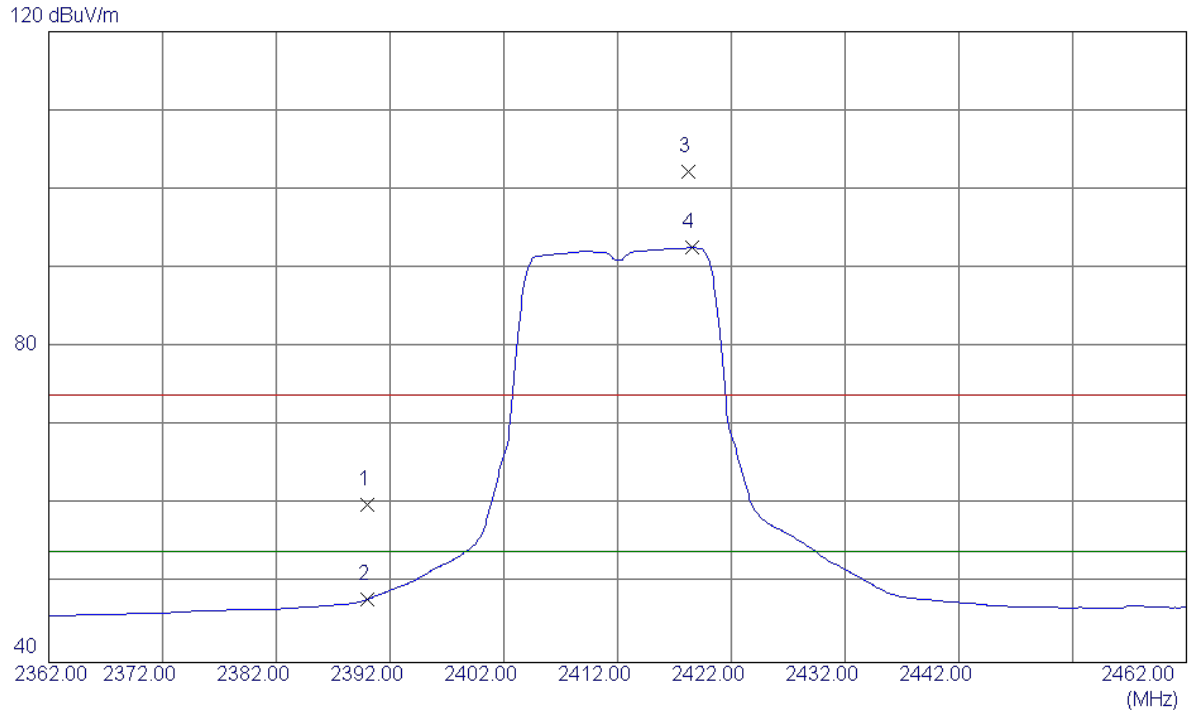
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.010	40.38	5.16	45.54	74.00	-28.46	peak	
2	*	4944.340	28.85	5.16	34.01	54.00	-19.99	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

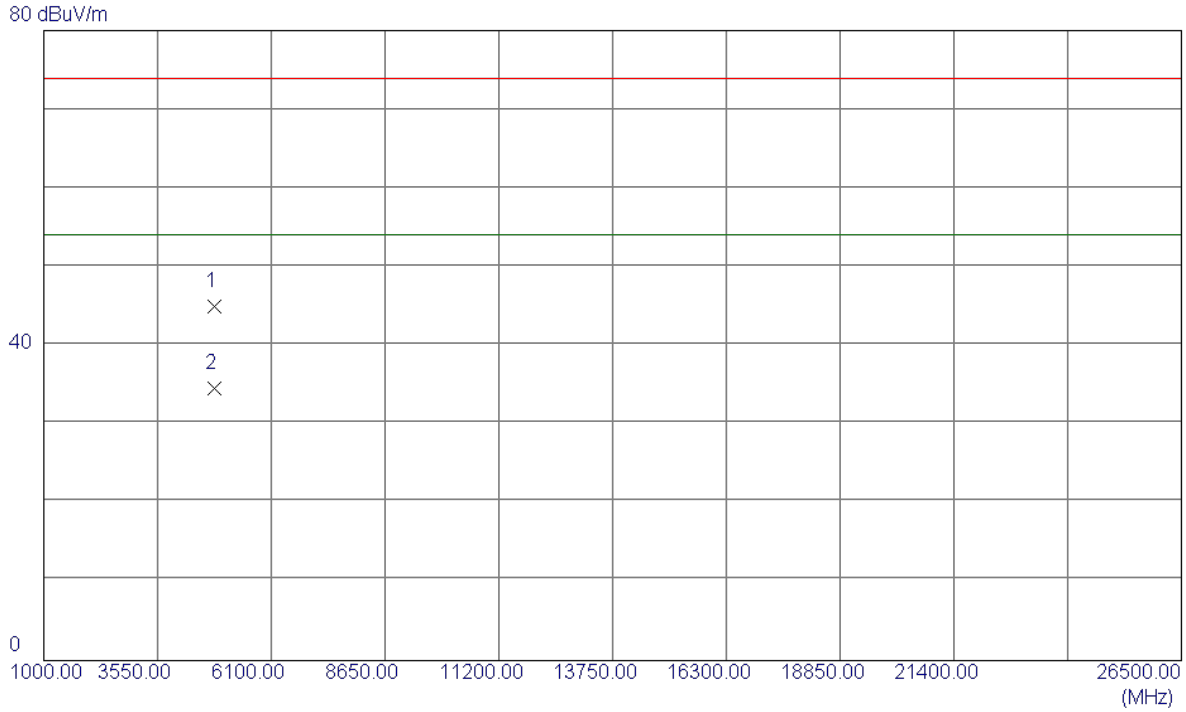
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	27.29	32.77	60.06	74.00	-13.94	Peak	
2	2390.0000	15.25	32.77	48.02	54.00	-5.98	AVG	
3	2418.2000	69.35	32.88	102.23	74.00	28.23	Peak	No Limit
4 *	2418.6000	59.71	32.88	92.59	54.00	38.59	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

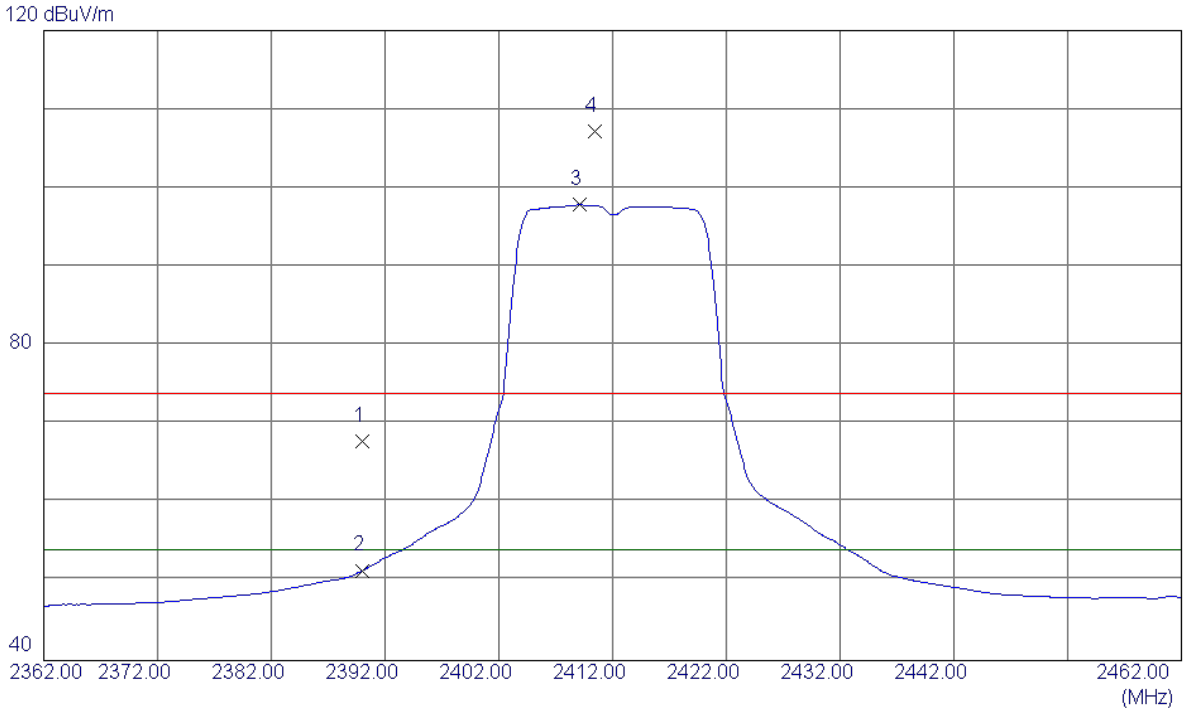
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9800	40.32	4.69	45.01	74.00	-28.99	Peak	
2 *	4824.0400	29.87	4.69	34.56	54.00	-19.44	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

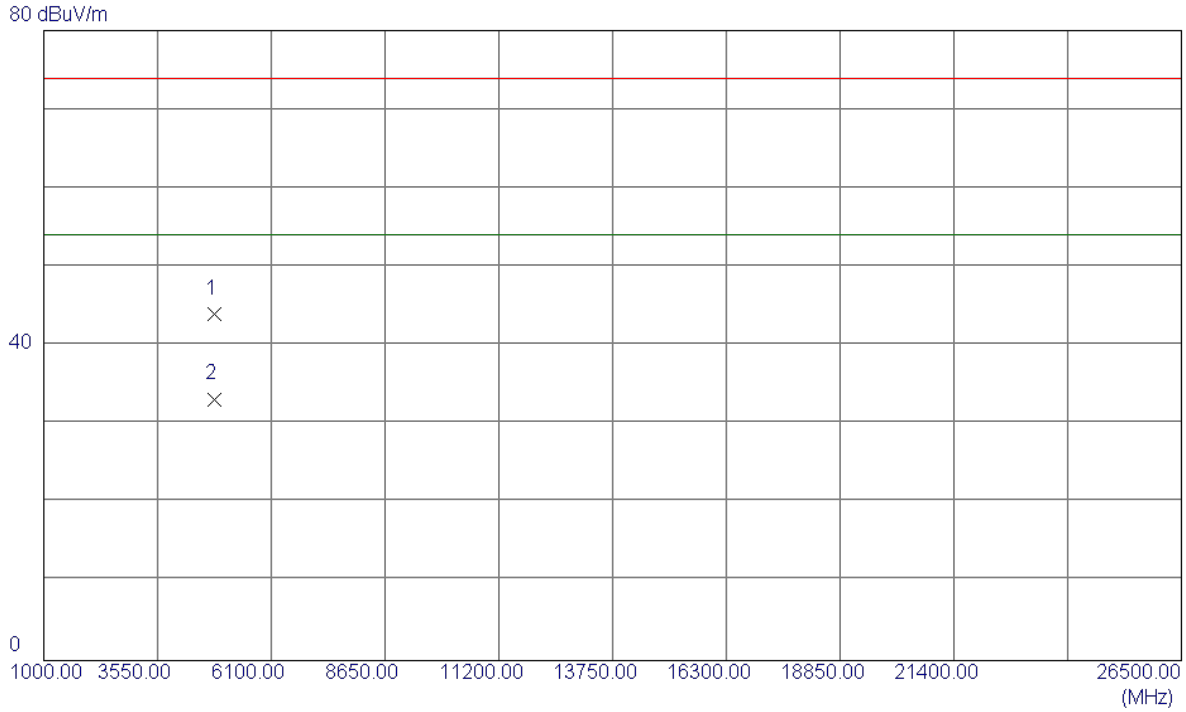
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	35.00	32.77	67.77	74.00	-6.23	Peak	
2	2390.0000	18.67	32.77	51.44	54.00	-2.56	AVG	
3 *	2409.1000	65.00	32.85	97.85	54.00	43.85	AVG	No Limit
4	2410.4000	74.41	32.85	107.26	74.00	33.26	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

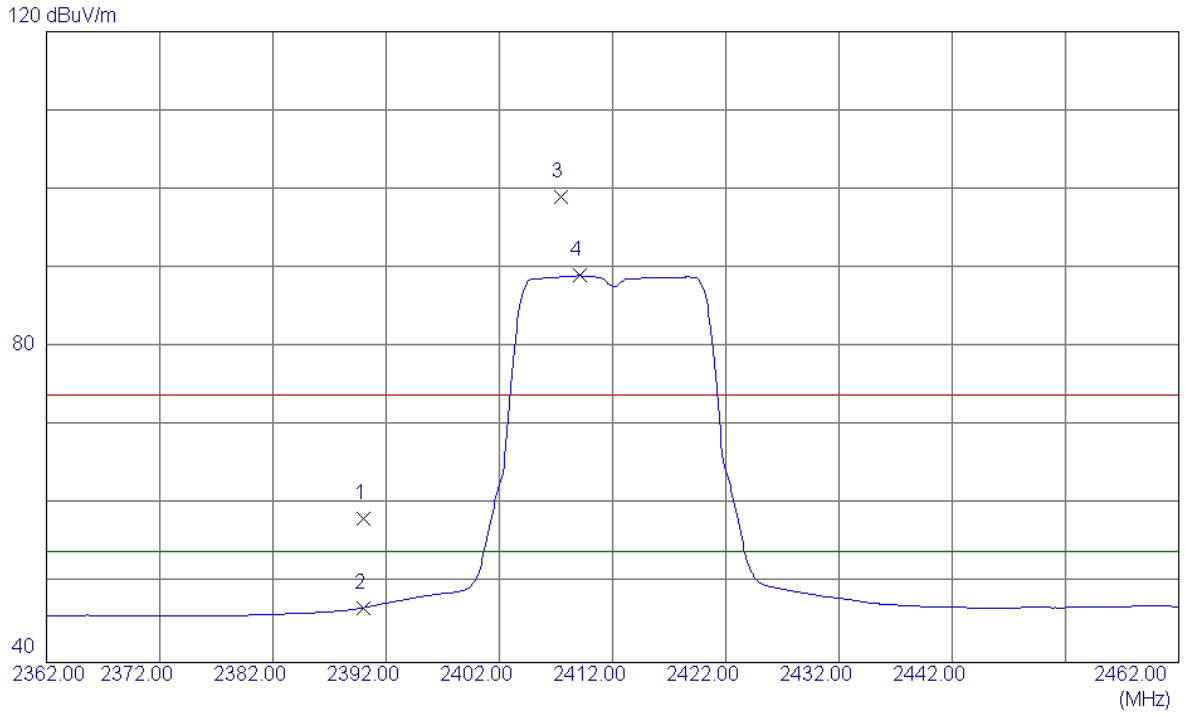
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.8700	39.28	4.69	43.97	74.00	-30.03	Peak	
2 *	4823.9300	28.51	4.69	33.20	54.00	-20.80	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

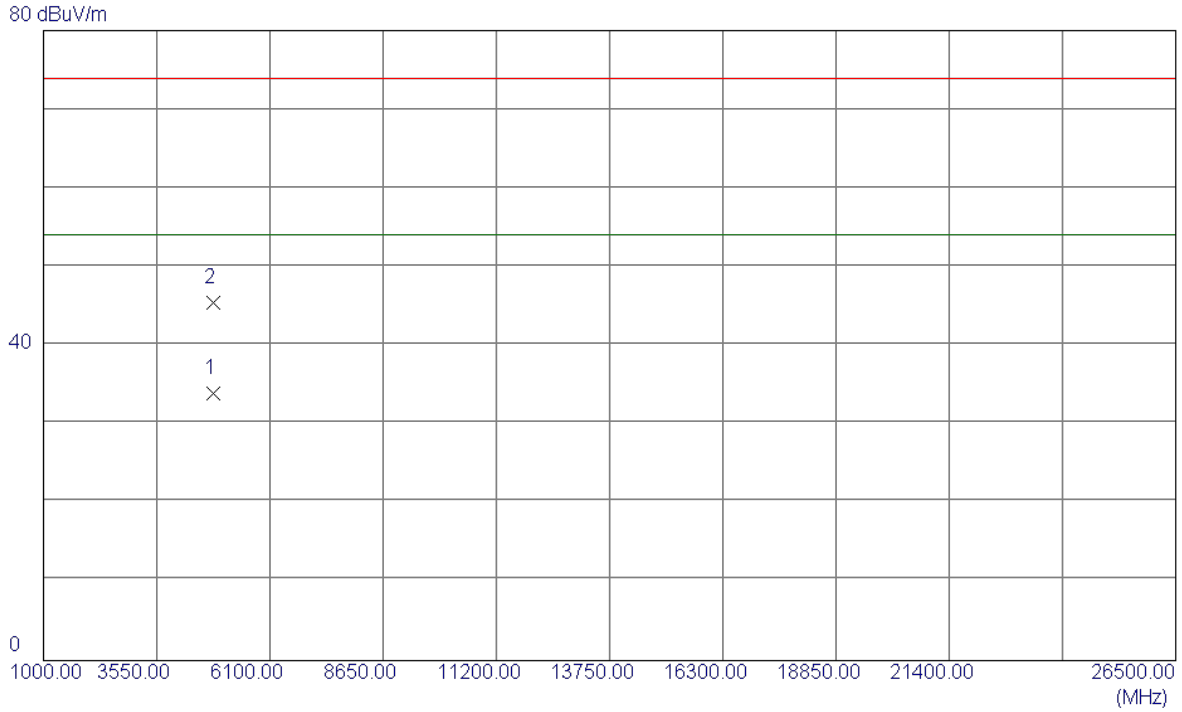
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	25.54	32.77	58.31	74.00	-15.69	Peak	
2	2390.0000	14.17	32.77	46.94	54.00	-7.06	AVG	
3	2407.4000	66.14	32.84	98.98	74.00	24.98	Peak	No Limit
4 *	2409.1000	56.20	32.85	89.05	54.00	35.05	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

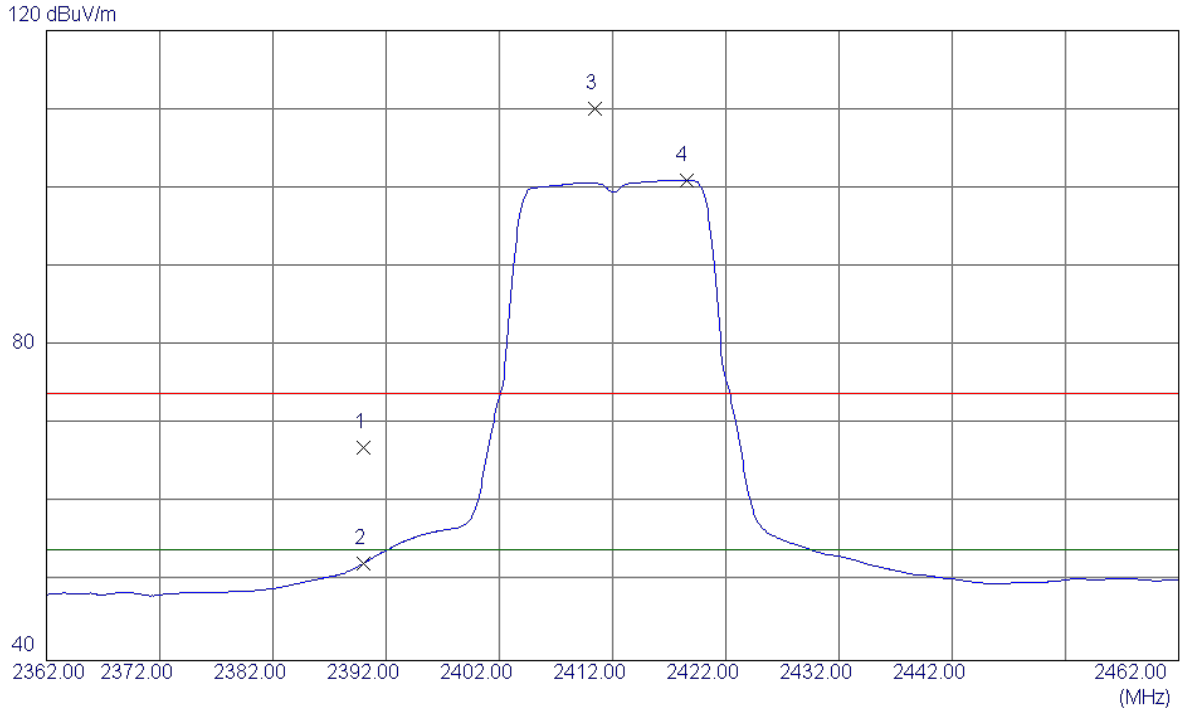
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.1400	29.25	4.69	33.94	54.00	-20.06	AVG	
2	4824.1900	40.73	4.69	45.42	74.00	-28.58	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

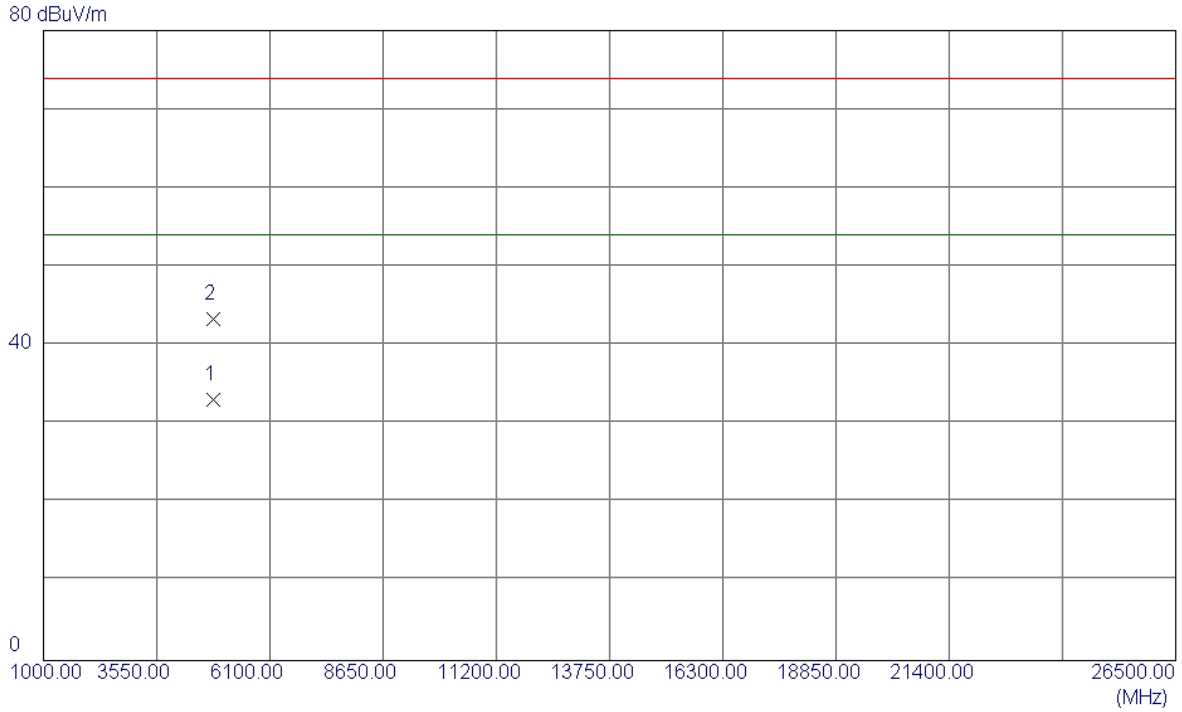
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	34.23	32.77	67.00	74.00	-7.00	Peak	
2	2390.0000	19.55	32.77	52.32	54.00	-1.68	AVG	
3	2410.4000	77.29	32.85	110.14	74.00	36.14	Peak	No Limit
4 *	2418.5000	68.12	32.88	101.00	54.00	47.00	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

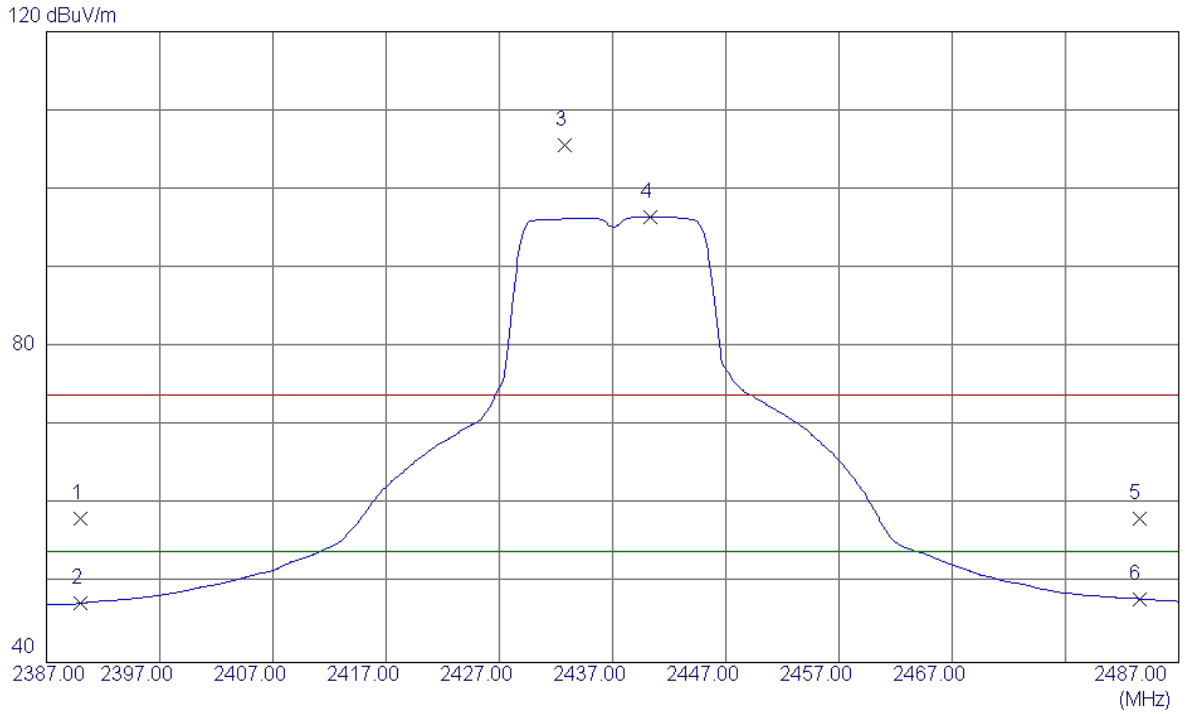
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.7000	28.42	4.69	33.11	54.00	-20.89	AVG	
2	4824.2200	38.62	4.69	43.31	74.00	-30.69	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

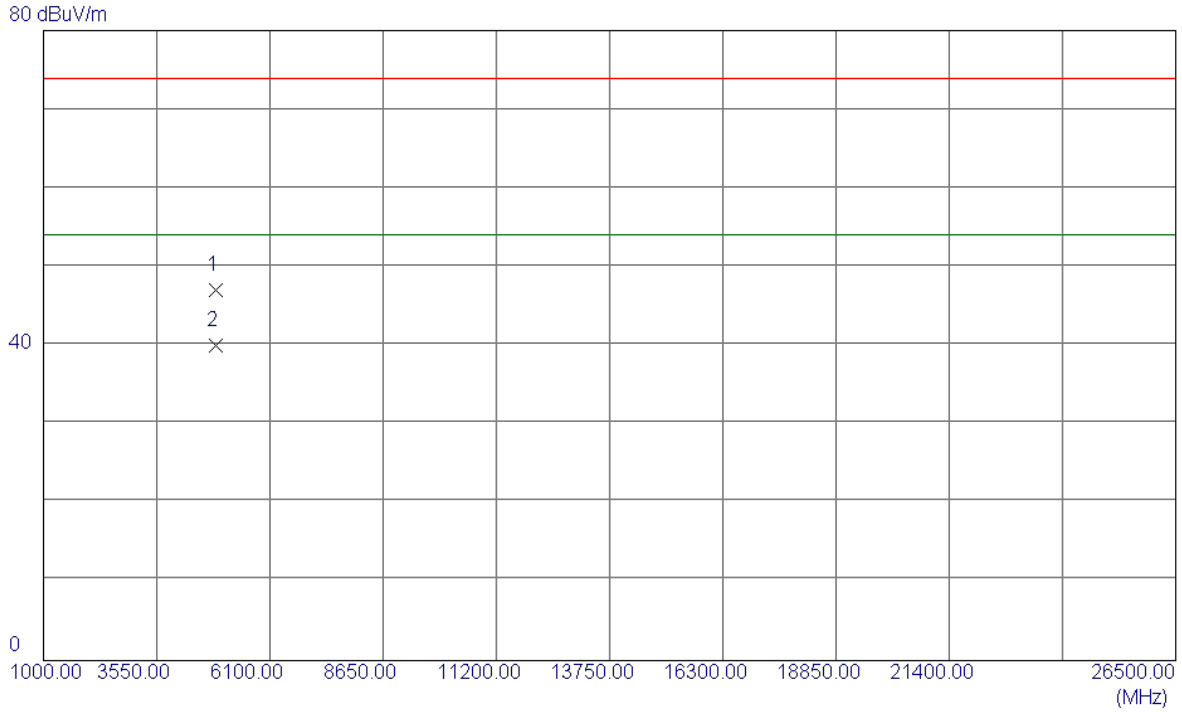
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	25.52	32.77	58.29	74.00	-15.71	Peak	
2	2390.0000	14.73	32.77	47.50	54.00	-6.50	AVG	
3	2432.8000	72.61	32.94	105.55	74.00	31.55	Peak	No Limit
4 *	2440.3000	63.55	32.97	96.52	54.00	42.52	AVG	No Limit
5	2483.5000	25.13	33.15	58.28	74.00	-15.72	Peak	
6	2483.5000	14.92	33.15	48.07	54.00	-5.93	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

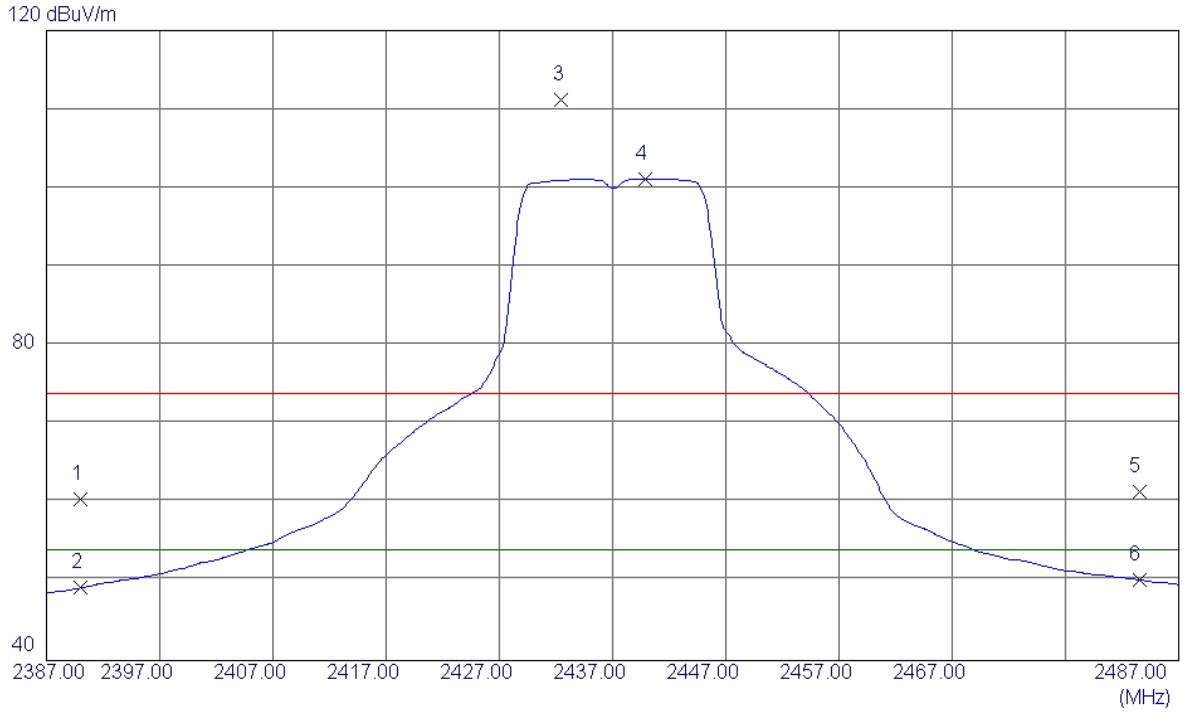
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9800	42.14	4.89	47.03	74.00	-26.97	Peak	
2 *	4874.0600	35.09	4.89	39.98	54.00	-14.02	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

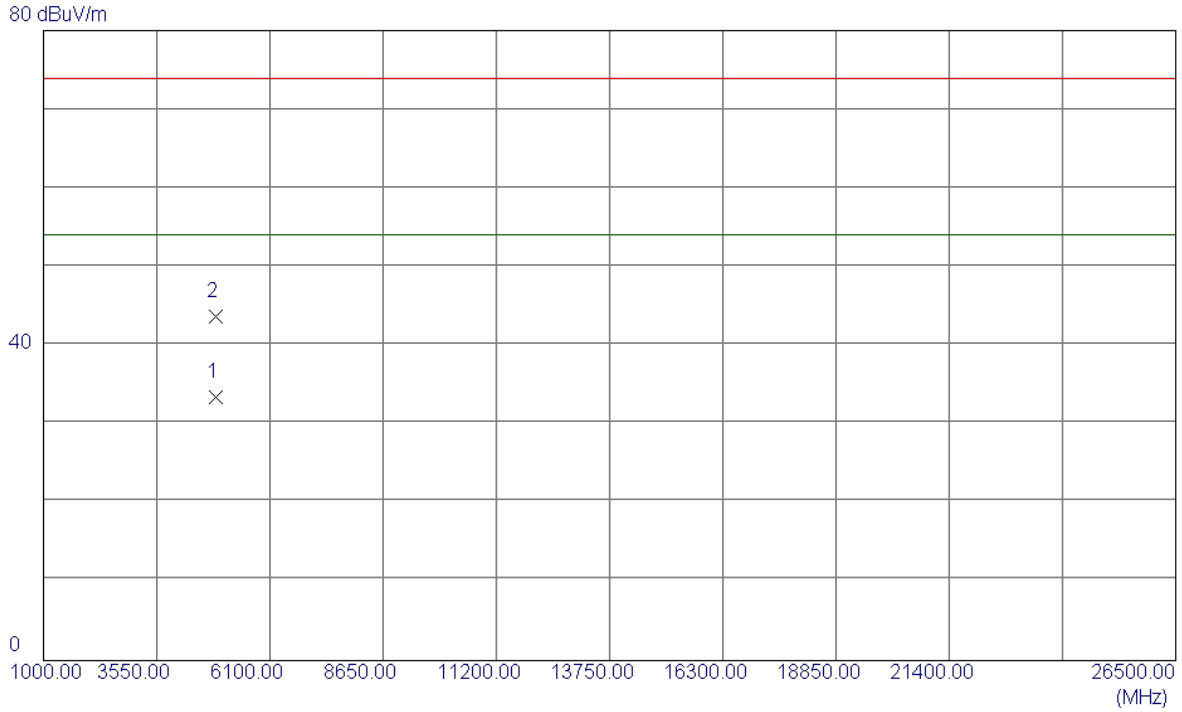
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	27.65	32.77	60.42	74.00	-13.58	Peak	
2	2390.0000	16.46	32.77	49.23	54.00	-4.77	AVG	
3	2432.5000	78.32	32.94	111.26	74.00	37.26	Peak	No Limit
4 *	2439.9000	68.22	32.97	101.19	54.00	47.19	AVG	No Limit
5	2483.5000	28.29	33.15	61.44	74.00	-12.56	Peak	
6	2483.5000	17.09	33.15	50.24	74.00	-23.76	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

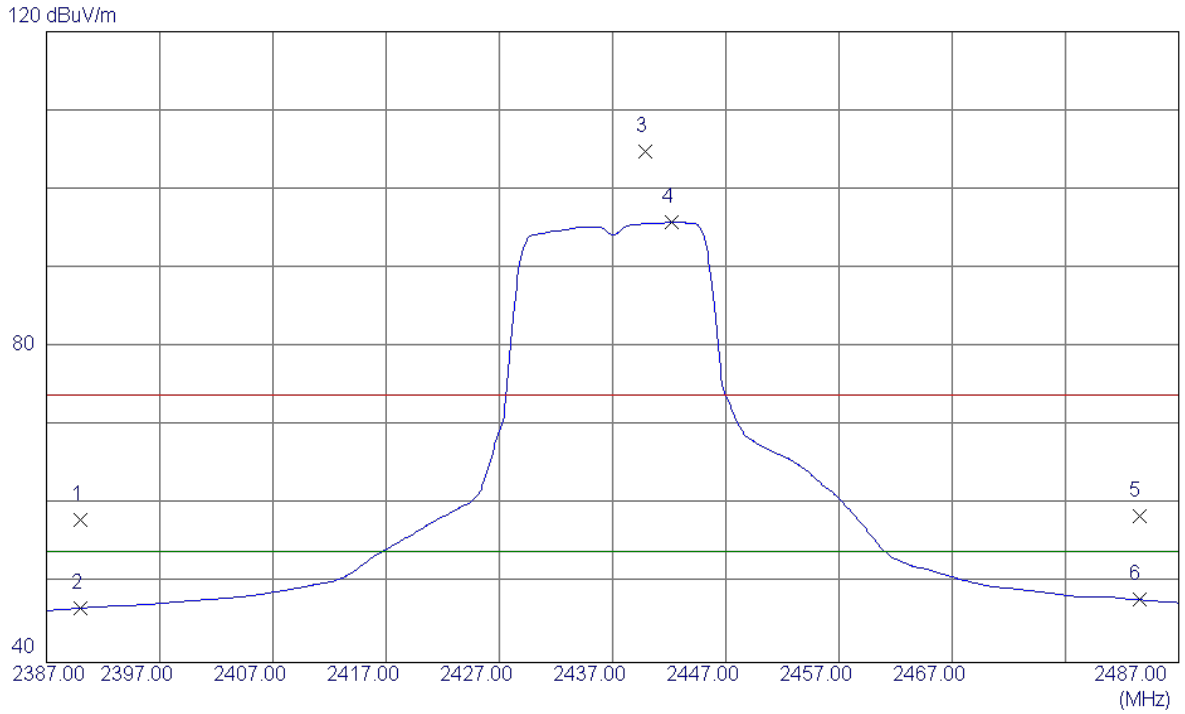
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.6200	28.57	4.89	33.46	54.00	-20.54	AVG	
2	4873.9700	38.82	4.89	43.71	74.00	-30.29	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

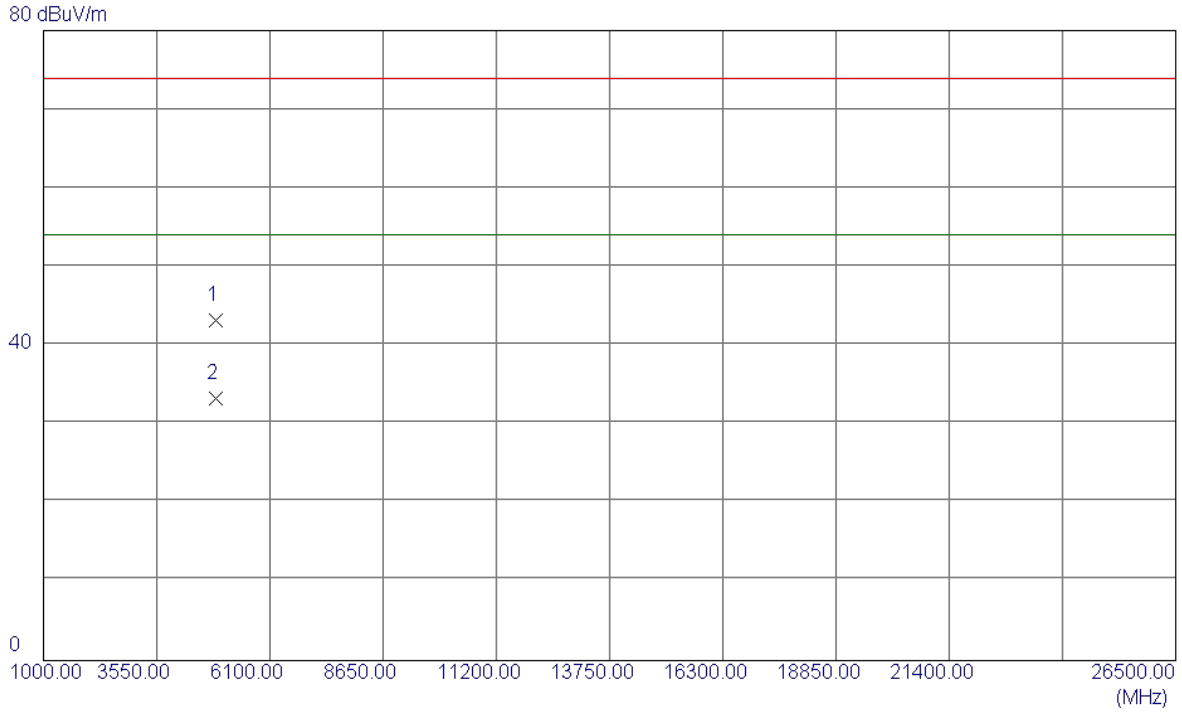
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	25.29	32.77	58.06	74.00	-15.94	Peak	
2	2390.0000	14.09	32.77	46.86	54.00	-7.14	AVG	
3	2439.9000	71.77	32.97	104.74	74.00	30.74	Peak	No Limit
4 *	2442.2000	62.81	32.98	95.79	54.00	41.79	AVG	No Limit
5	2483.5000	25.47	33.15	58.62	74.00	-15.38	Peak	
6	2483.5000	14.82	33.15	47.97	54.00	-6.03	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

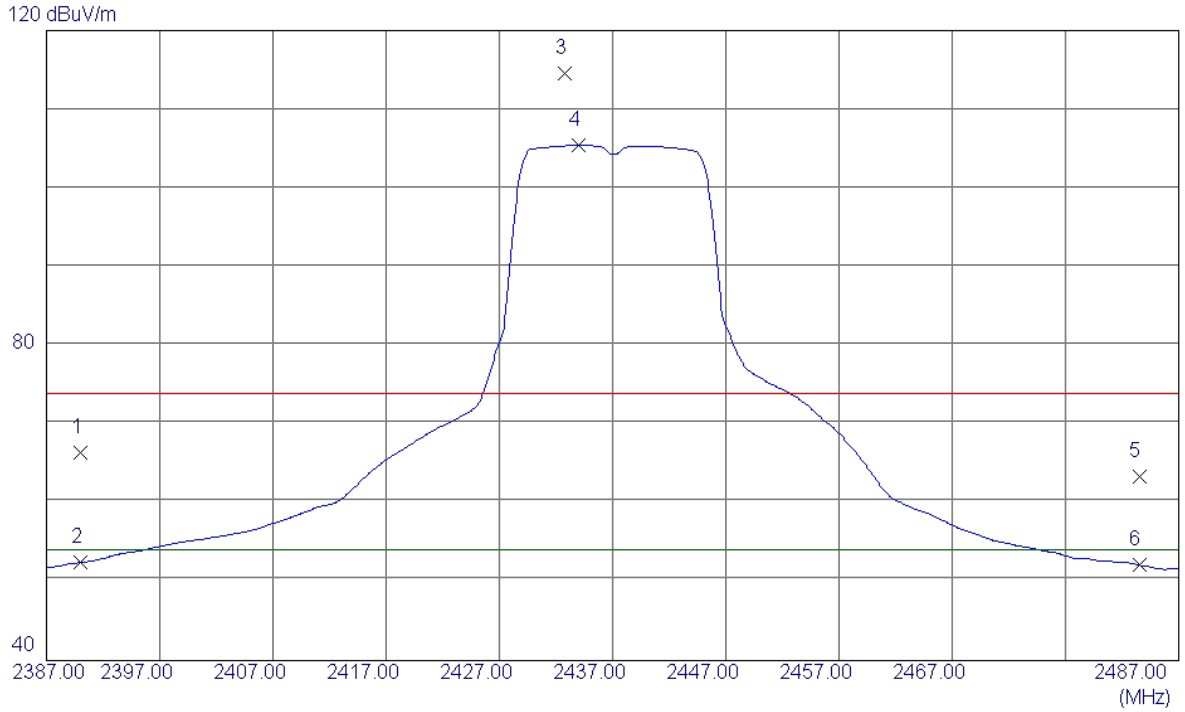
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9100	38.32	4.89	43.21	74.00	-30.79	Peak	
2 *	4874.2100	28.46	4.89	33.35	54.00	-20.65	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

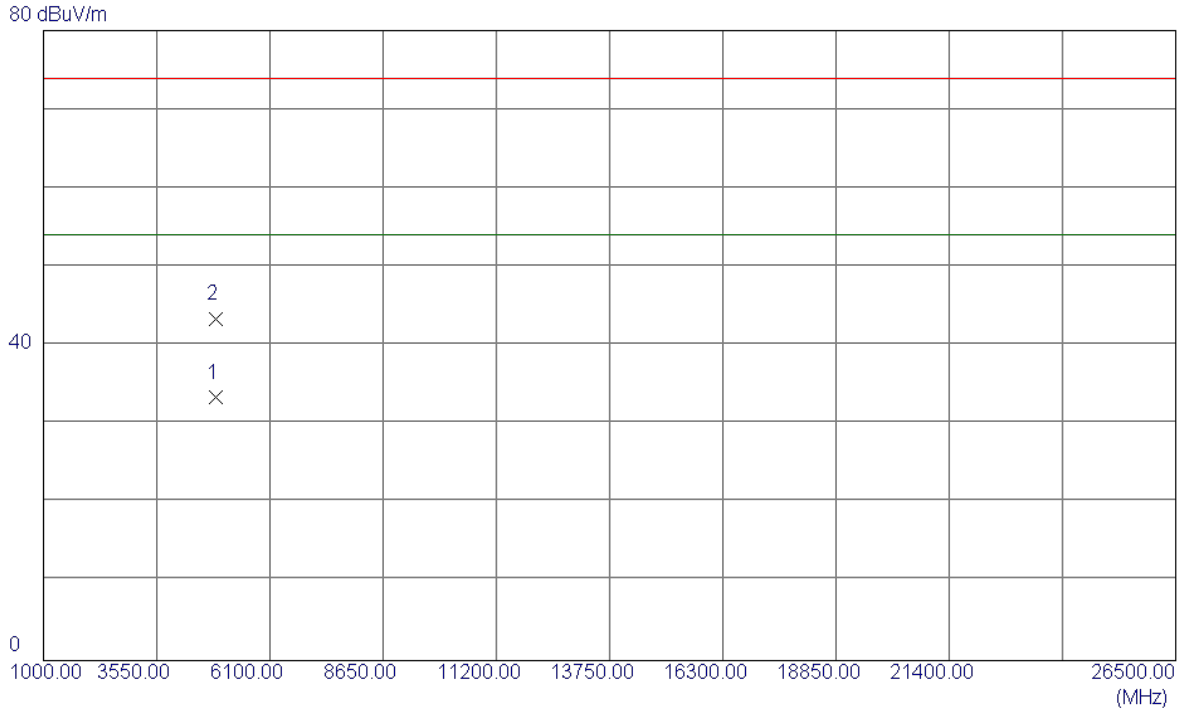
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	33.60	32.77	66.37	74.00	-7.63	Peak	
2	2390.0000	19.68	32.77	52.45	54.00	-1.55	AVG	
3	2432.8000	81.63	32.94	114.57	74.00	40.57	Peak	No Limit
4 *	2434.0000	72.55	32.95	105.50	54.00	51.50	AVG	No Limit
5	2483.5000	30.28	33.15	63.43	74.00	-10.57	Peak	
6	2483.5000	18.96	33.15	52.11	54.00	-1.89	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

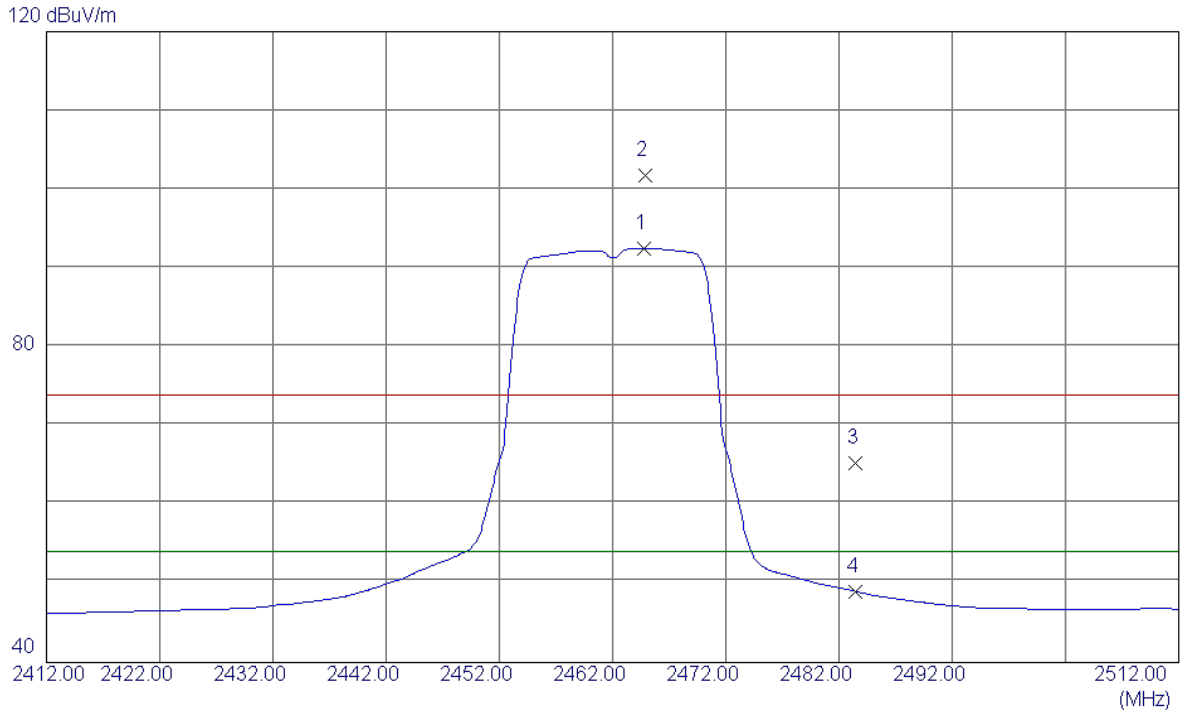
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.7400	28.47	4.89	33.36	54.00	-20.64	AVG	
2	4874.1100	38.46	4.89	43.35	74.00	-30.65	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

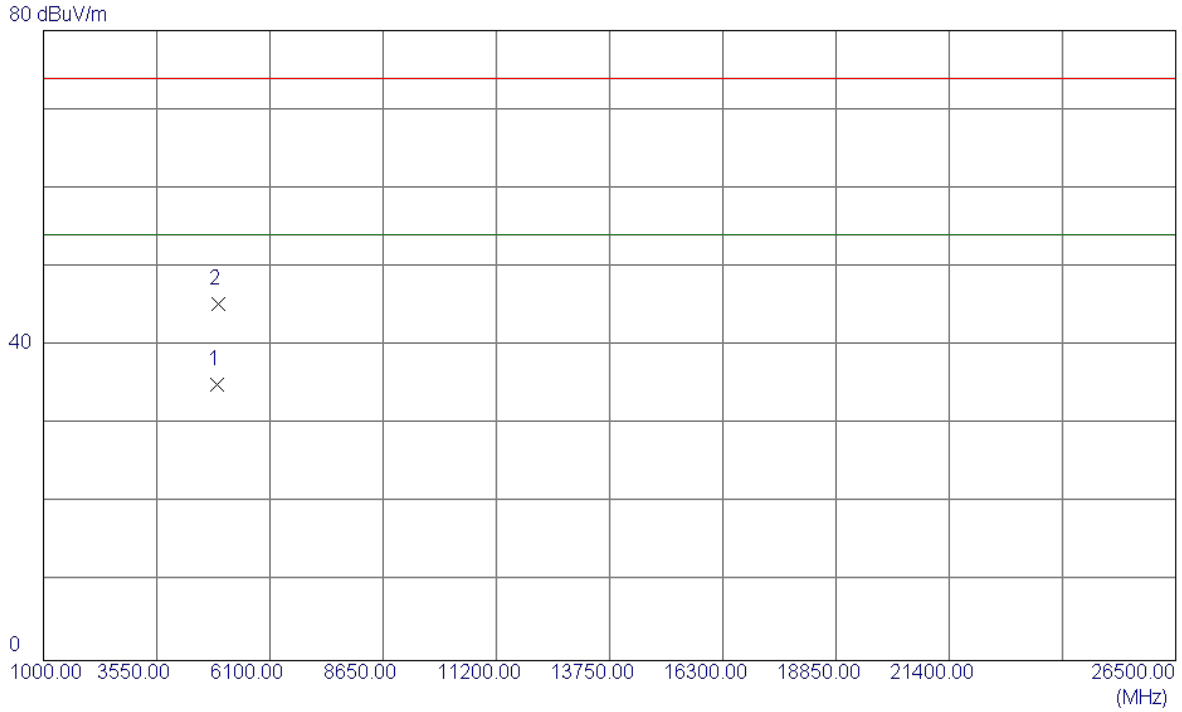
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2464.8000	59.48	33.07	92.55	54.00	38.55	AVG	No Limit
2	2464.9000	68.75	33.08	101.83	74.00	27.83	Peak	No Limit
3	2483.5000	32.12	33.15	65.27	74.00	-8.73	Peak	
4	2483.5000	15.84	33.15	48.99	54.00	-5.01	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

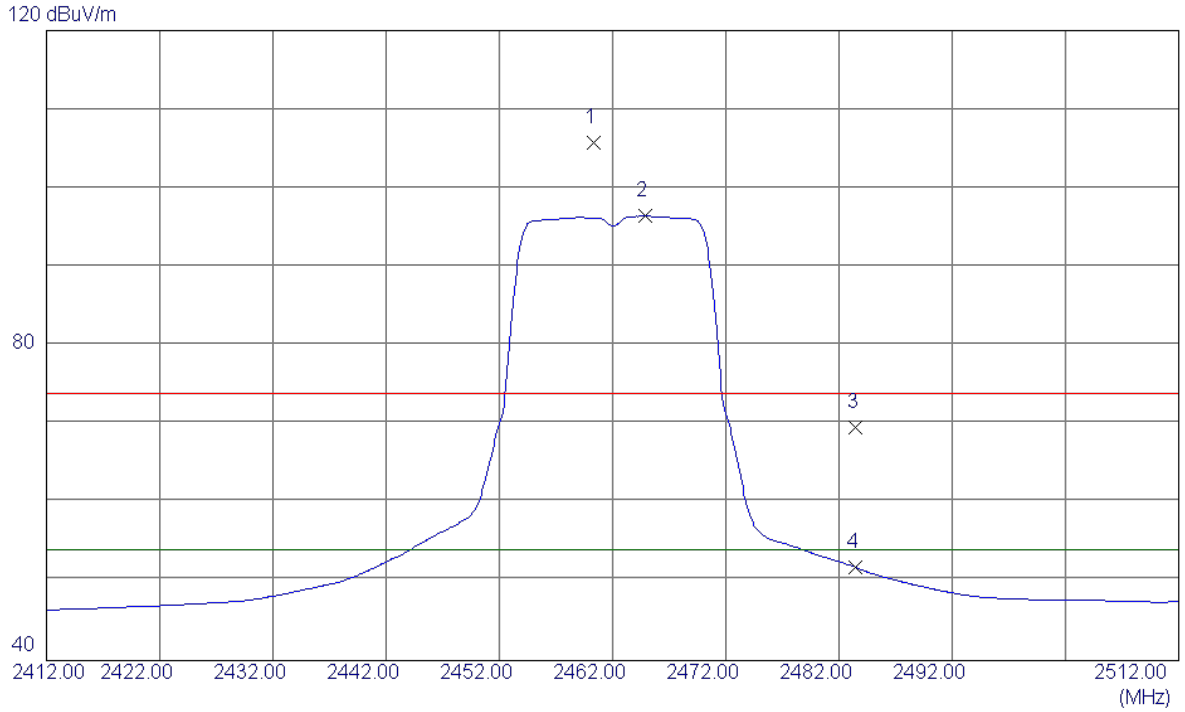
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0500	29.89	5.08	34.97	54.00	-19.03	AVG	
2	4924.2700	40.20	5.08	45.28	74.00	-28.72	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

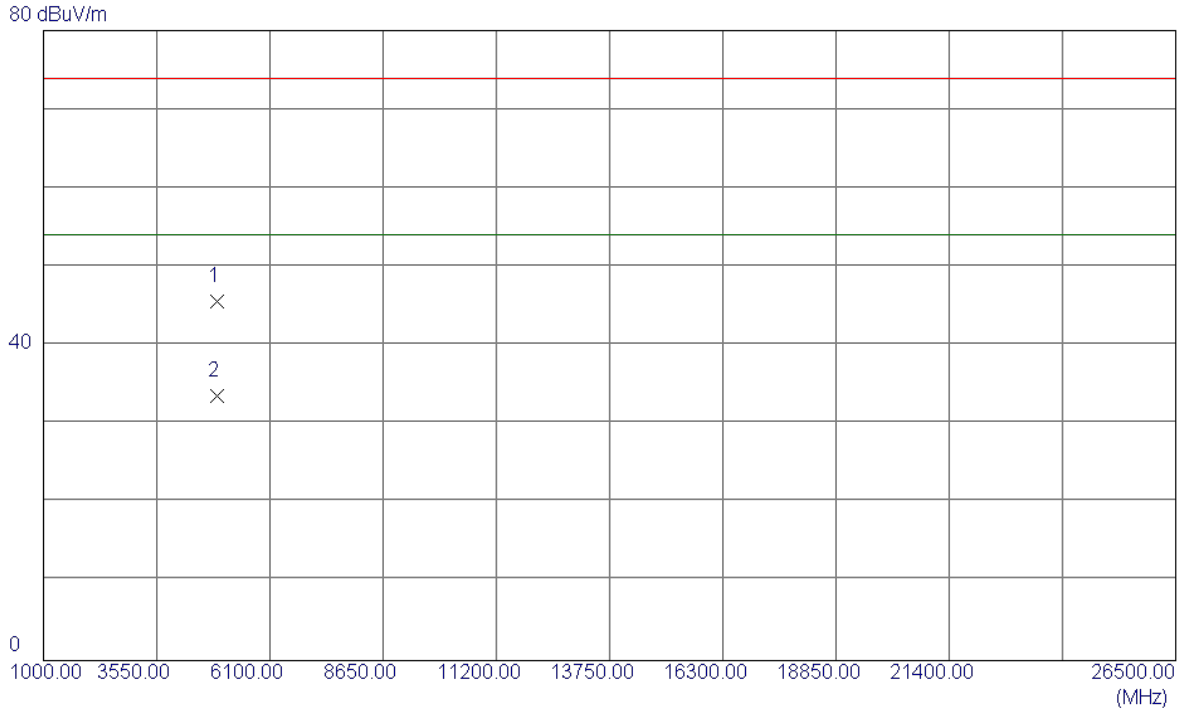
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2460.3000	72.70	33.06	105.76	74.00	31.76	Peak	No Limit
2 *	2464.9000	63.34	33.08	96.42	54.00	42.42	AVG	No Limit
3	2483.5000	36.48	33.15	69.63	74.00	-4.37	Peak	
4	2483.5000	18.65	33.15	51.80	54.00	-2.20	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

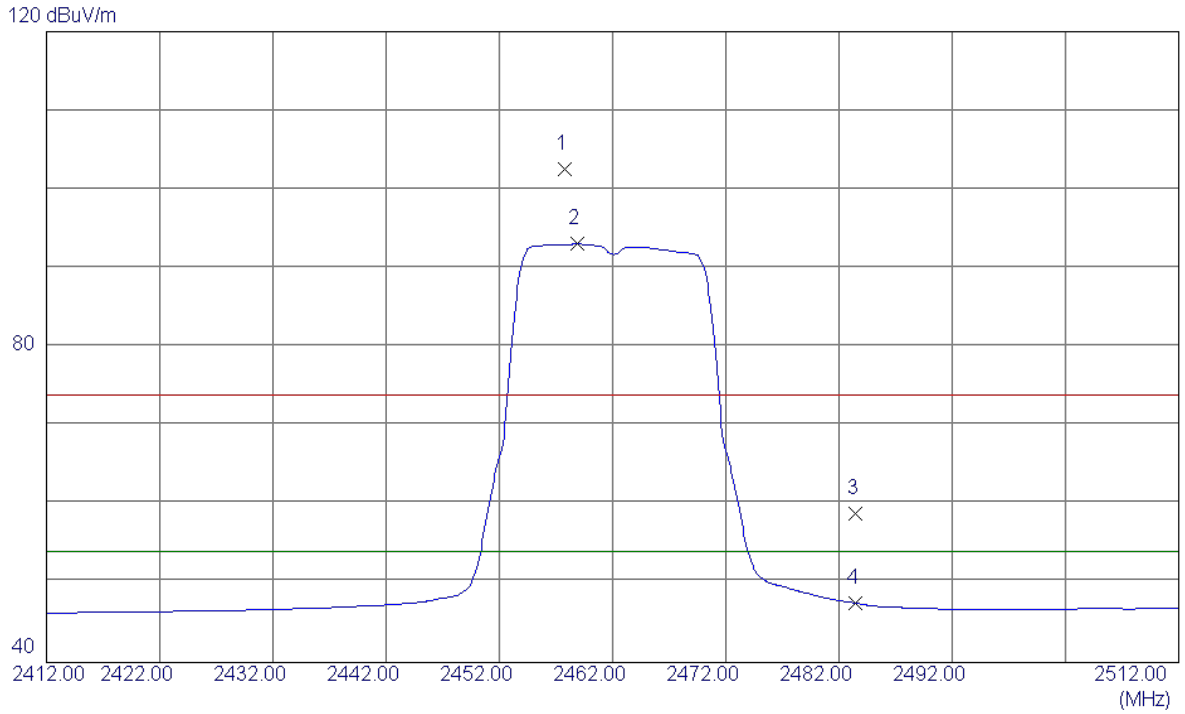
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.6000	40.44	5.08	45.52	74.00	-28.48	Peak	
2 *	4923.9600	28.47	5.08	33.55	54.00	-20.45	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

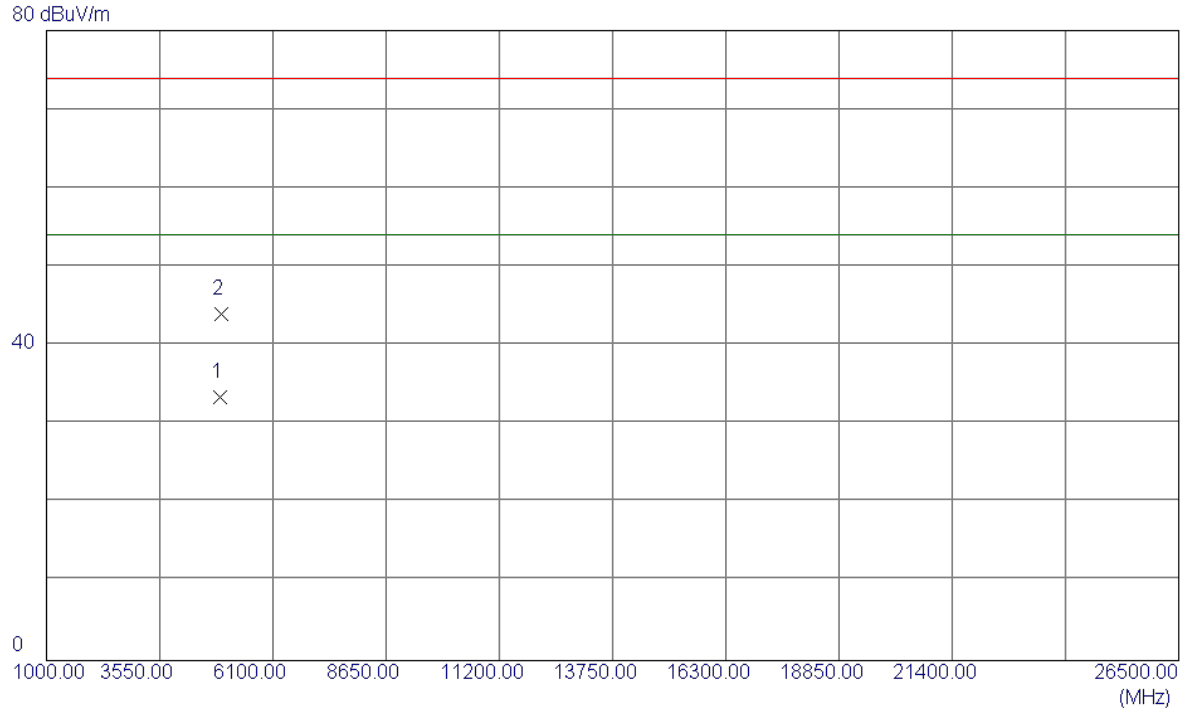
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2457.8000	69.45	33.05	102.50	74.00	28.50	Peak	No Limit
2 *	2458.9000	60.02	33.05	93.07	54.00	39.07	AVG	No Limit
3	2483.5000	25.79	33.15	58.94	74.00	-15.06	Peak	
4	2483.5000	14.37	33.15	47.52	54.00	-6.48	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

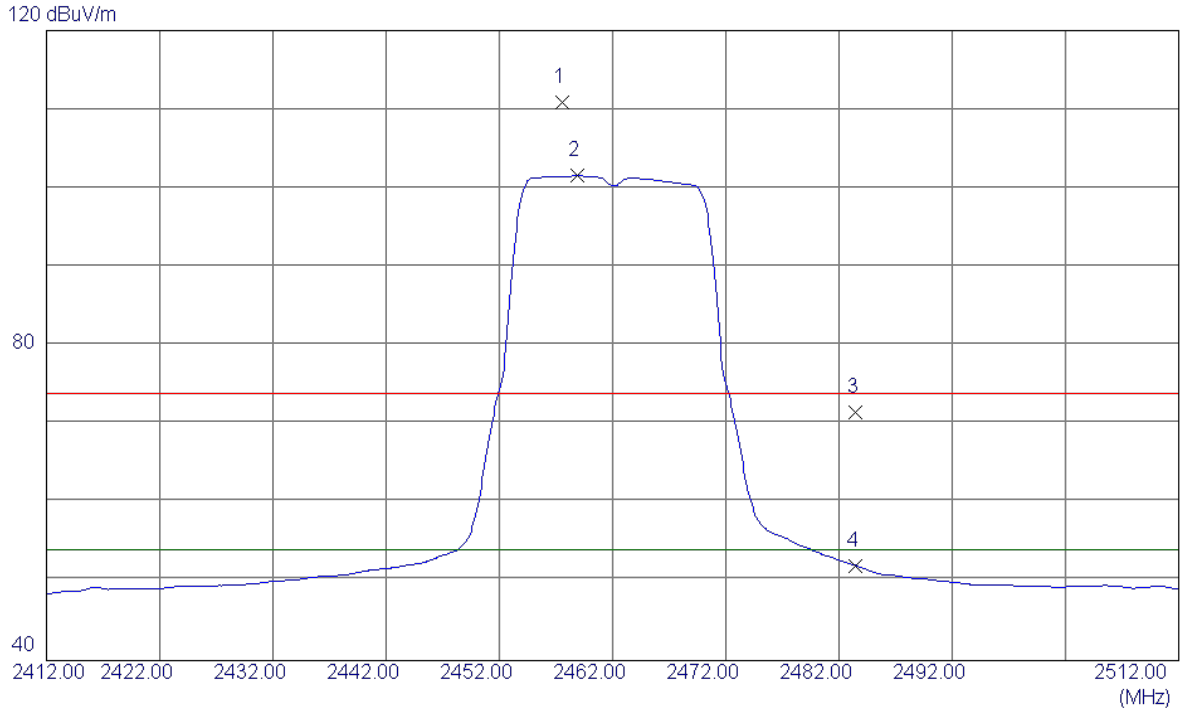
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9200	28.39	5.08	33.47	54.00	-20.53	AVG	
2	4924.2799	38.88	5.08	43.96	74.00	-30.04	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

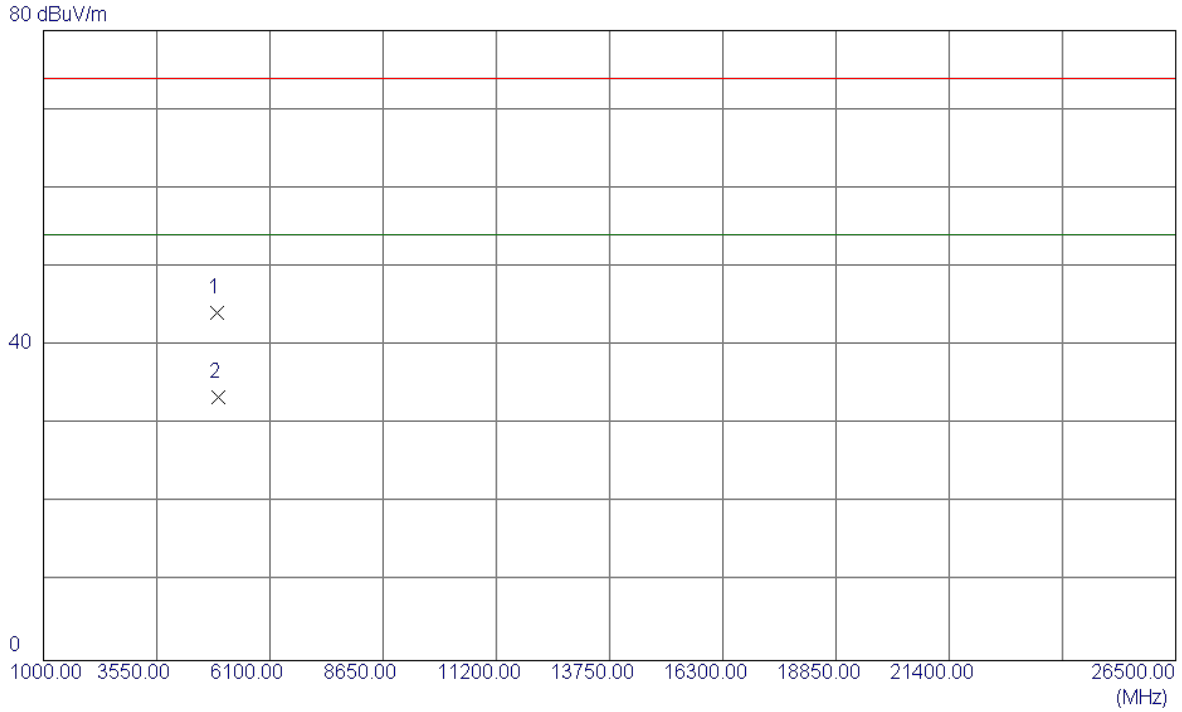
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2457.6000	77.77	33.05	110.82	74.00	36.82	Peak	No Limit
2 *	2458.9000	68.50	33.05	101.55	54.00	47.55	AVG	No Limit
3	2483.5000	38.40	33.15	71.55	74.00	-2.45	Peak	
4	2483.5000	18.89	33.15	52.04	54.00	-1.96	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

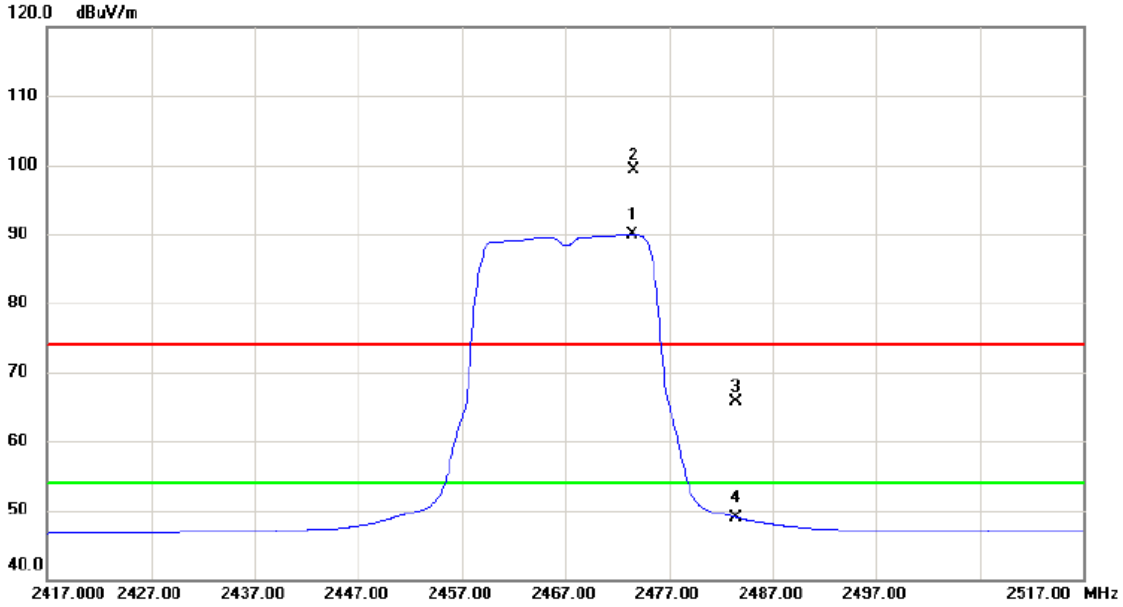
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0700	39.09	5.08	44.17	74.00	-29.83	Peak	
2 *	4924.3200	28.37	5.08	33.45	54.00	-20.55	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT1

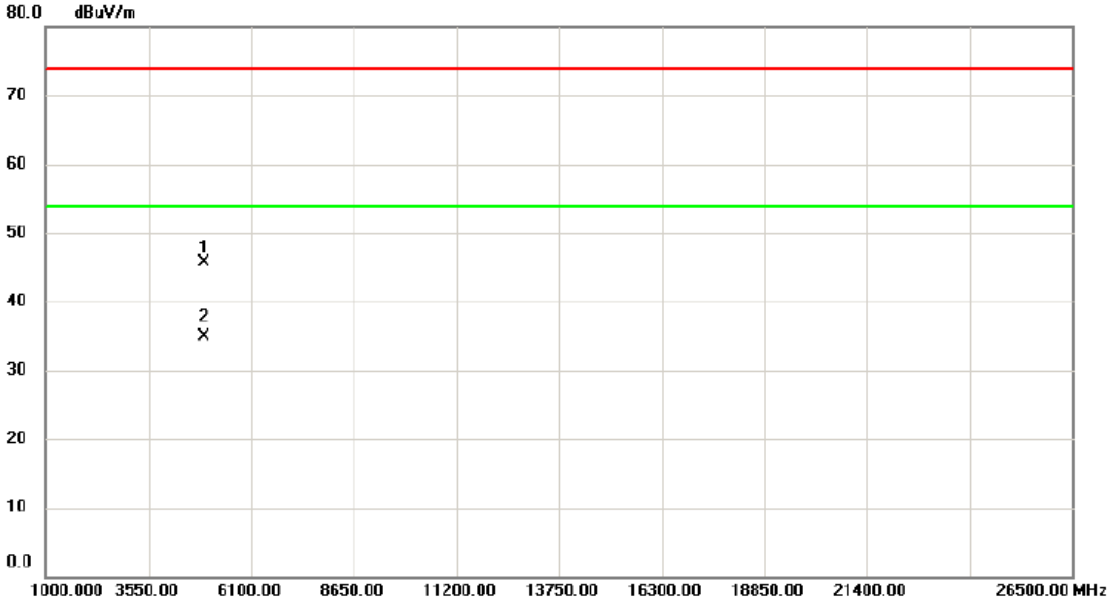
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2473.500	56.54	33.36	89.90	54.00	35.90	AVG	No Limit
2	X	2473.600	65.85	33.36	99.21	74.00	25.21	peak	No Limit
3		2483.500	32.26	33.40	65.66	74.00	-8.34	peak	
4		2483.500	15.59	33.40	48.99	54.00	-5.01	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT1

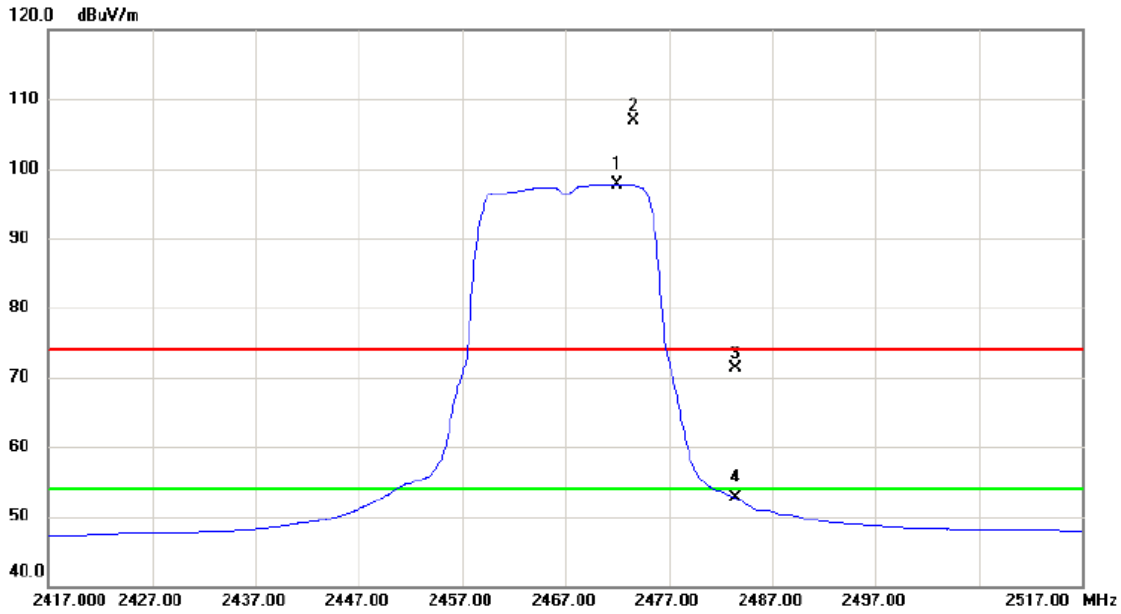
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4933.930	40.64	5.13	45.77	74.00	-28.23	peak	
2	*	4934.060	29.83	5.13	34.96	54.00	-19.04	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT1

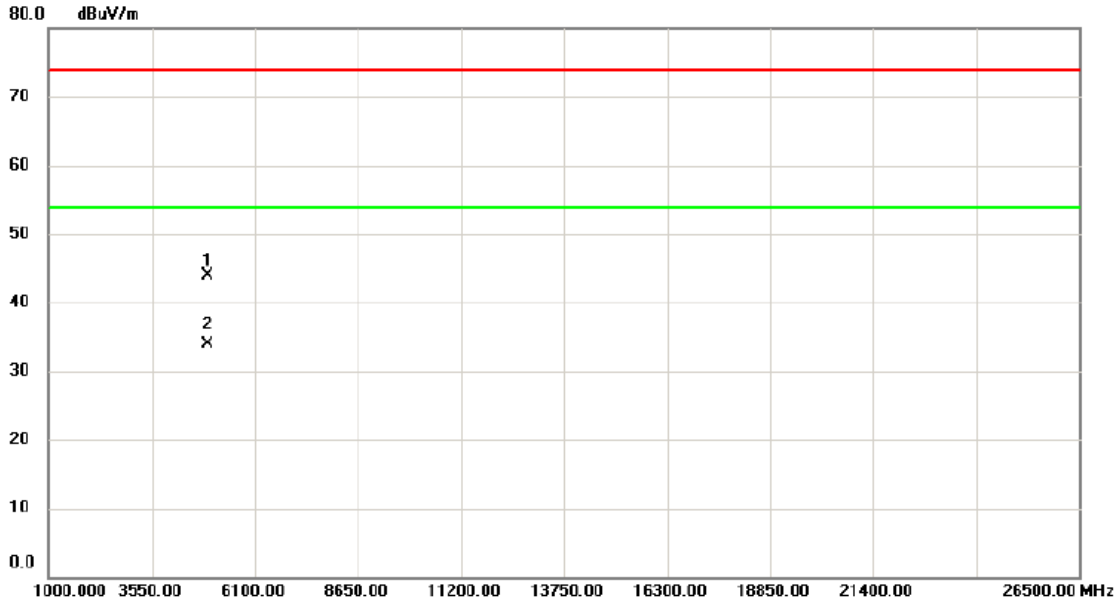
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2472.000	64.38	33.35	97.73	54.00	43.73	AVG	No Limit
2	X	2473.600	73.61	33.36	106.97	74.00	32.97	peak	No Limit
3		2483.500	37.85	33.40	71.25	74.00	-2.75	peak	
4		2483.500	19.21	33.40	52.61	54.00	-1.39	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT1

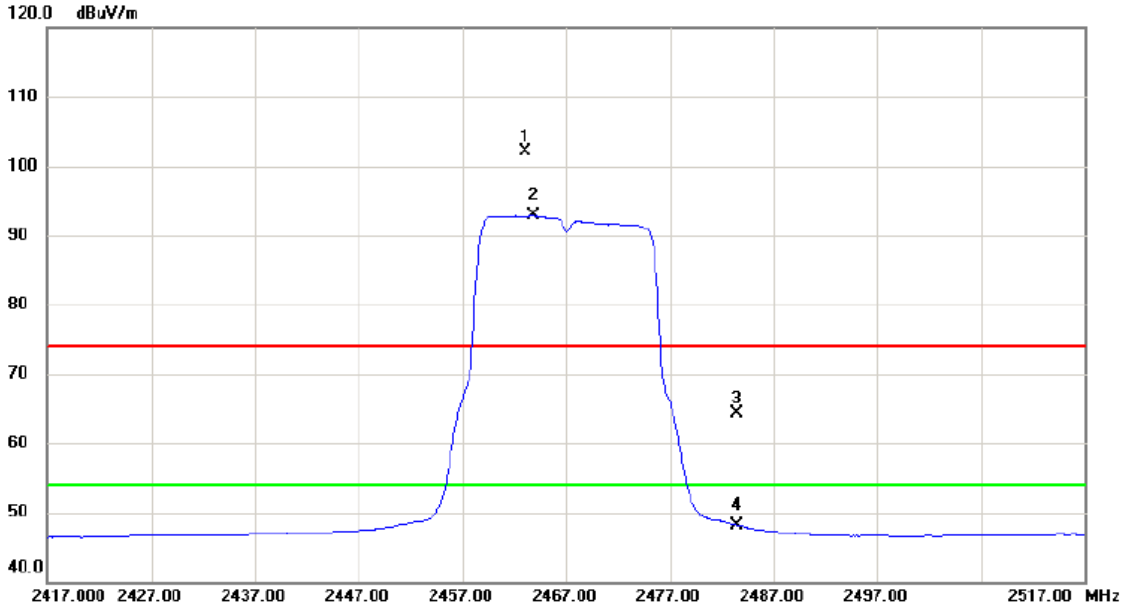
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4933.900	38.86	5.13	43.99	74.00	-30.01	peak	
2	*	4934.120	28.69	5.13	33.82	54.00	-20.18	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT2

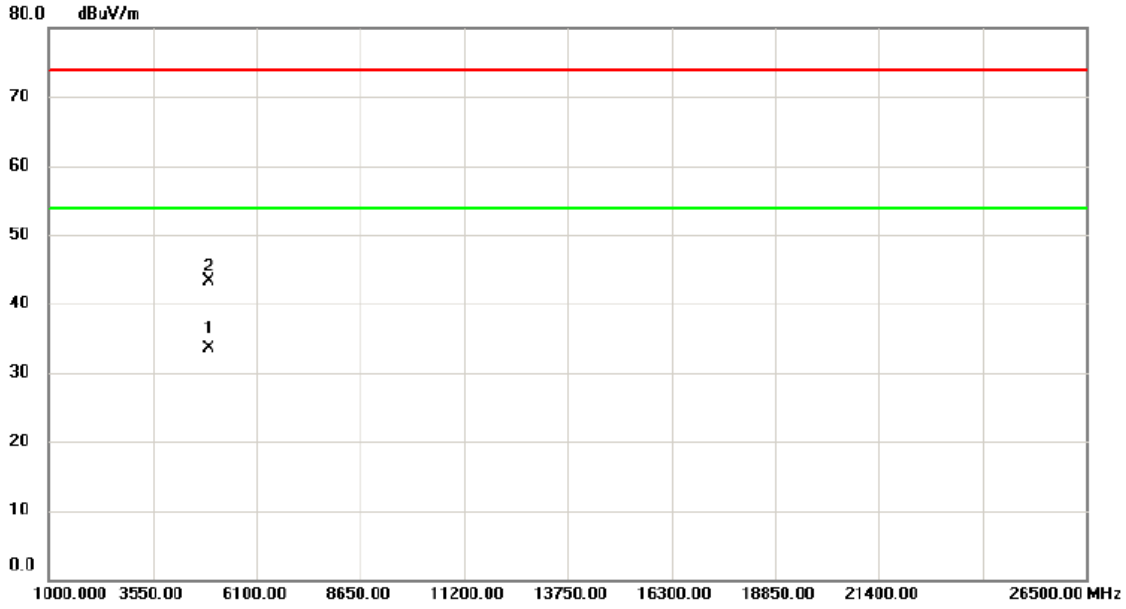
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2463.100	69.04	33.07	102.11	74.00	28.11	peak	No Limit
2	*	2463.800	59.76	33.07	92.83	54.00	38.83	AVG	No Limit
3		2483.500	31.05	33.15	64.20	74.00	-9.80	peak	
4		2483.500	15.00	33.15	48.15	54.00	-5.85	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT2

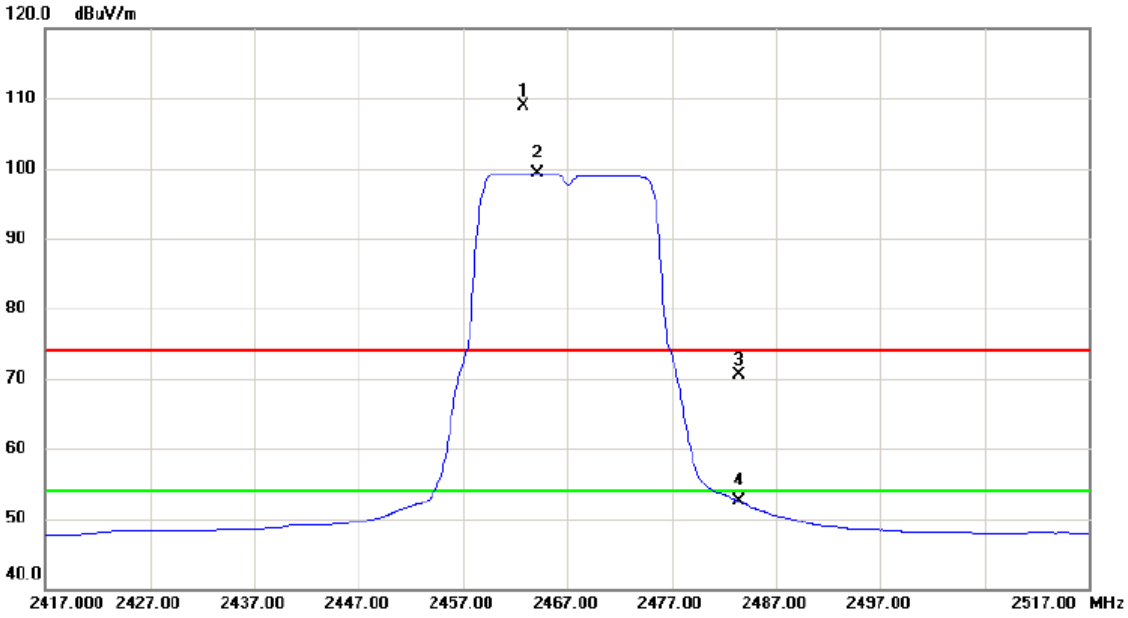
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4923.780	28.41	5.08	33.49	54.00	-20.51	AVG	
2		4924.140	38.21	5.08	43.29	74.00	-30.71	peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz_ANT2

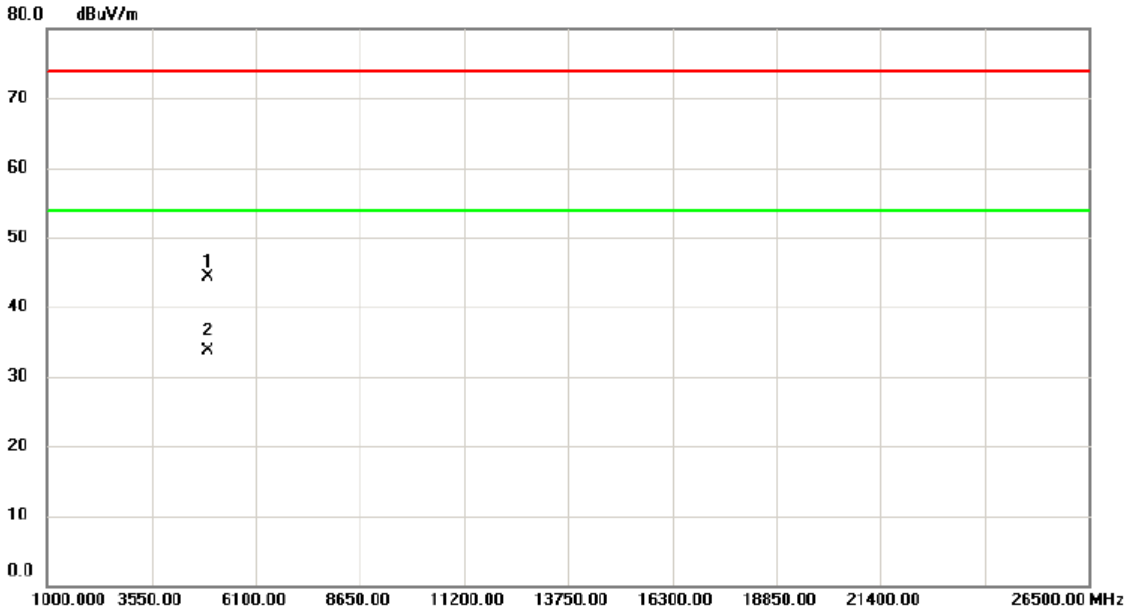
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2462.800	75.85	33.07	108.92	74.00	34.92	peak	No Limit
2	*	2464.100	66.27	33.08	99.35	54.00	45.35	AVG	No Limit
3		2483.500	37.31	33.15	70.46	74.00	-3.54	peak	
4		2483.500	19.32	33.15	52.47	54.00	-1.53	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT2

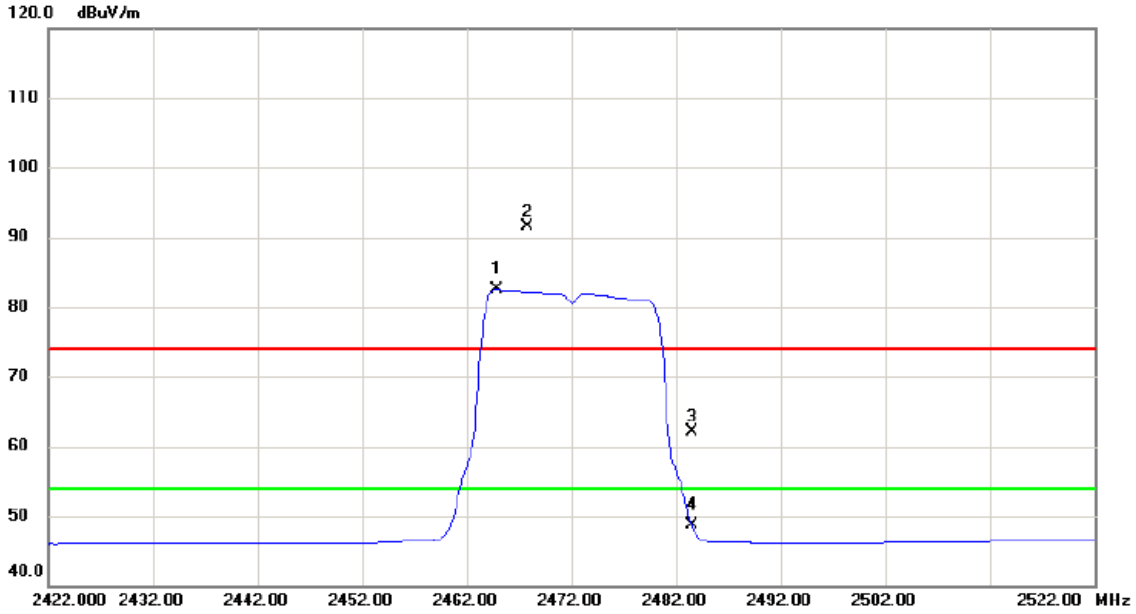
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4933.800	39.27	5.11	44.38	74.00	-29.62	peak	
2	*	4934.330	28.60	5.13	33.73	54.00	-20.27	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT1

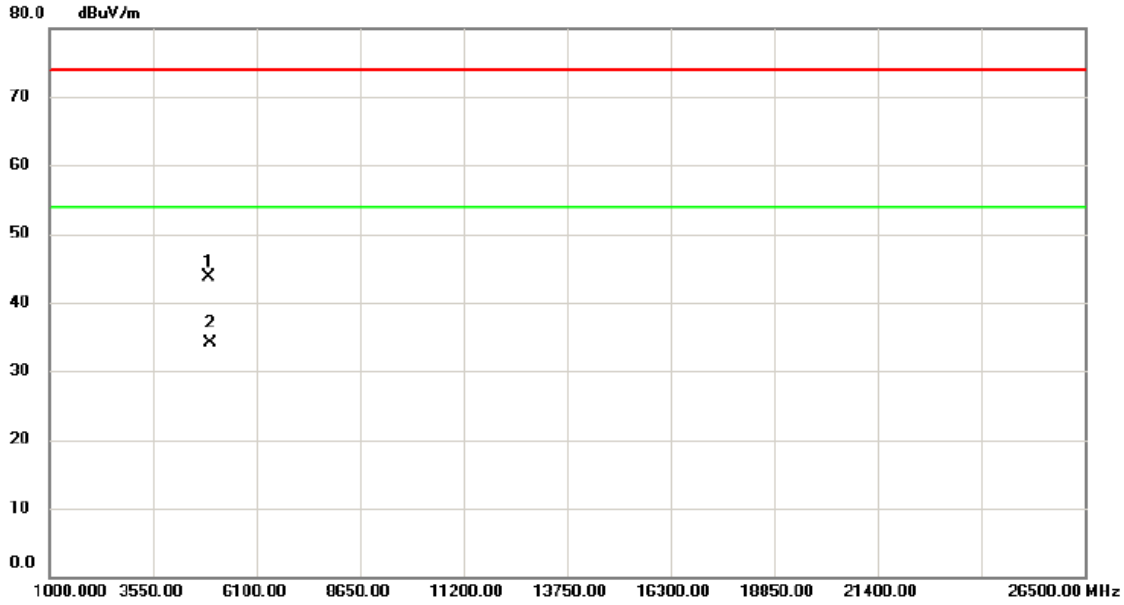
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2464.800	49.38	33.08	82.46	54.00	28.46	AVG	No Limit
2	X	2467.800	58.42	33.09	91.51	74.00	17.51	peak	No Limit
3		2483.500	28.91	33.15	62.06	74.00	-11.94	peak	
4		2483.500	15.62	33.15	48.77	54.00	-5.23	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT1

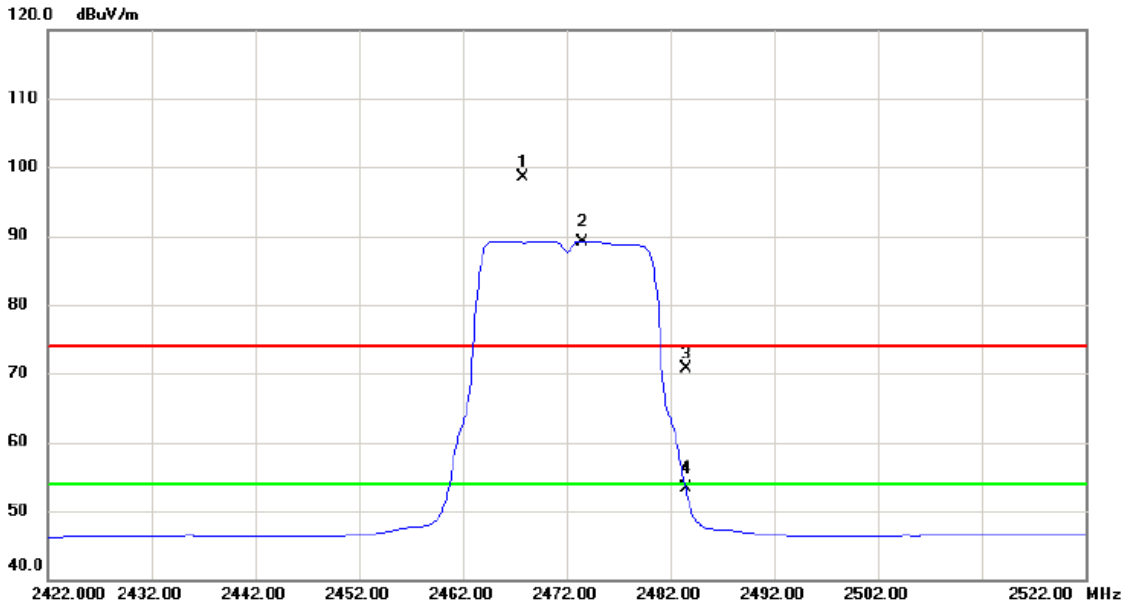
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4943.680	38.51	5.16	43.67	74.00	-30.33	peak	
2	*	4944.030	29.04	5.16	34.20	54.00	-19.80	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT1

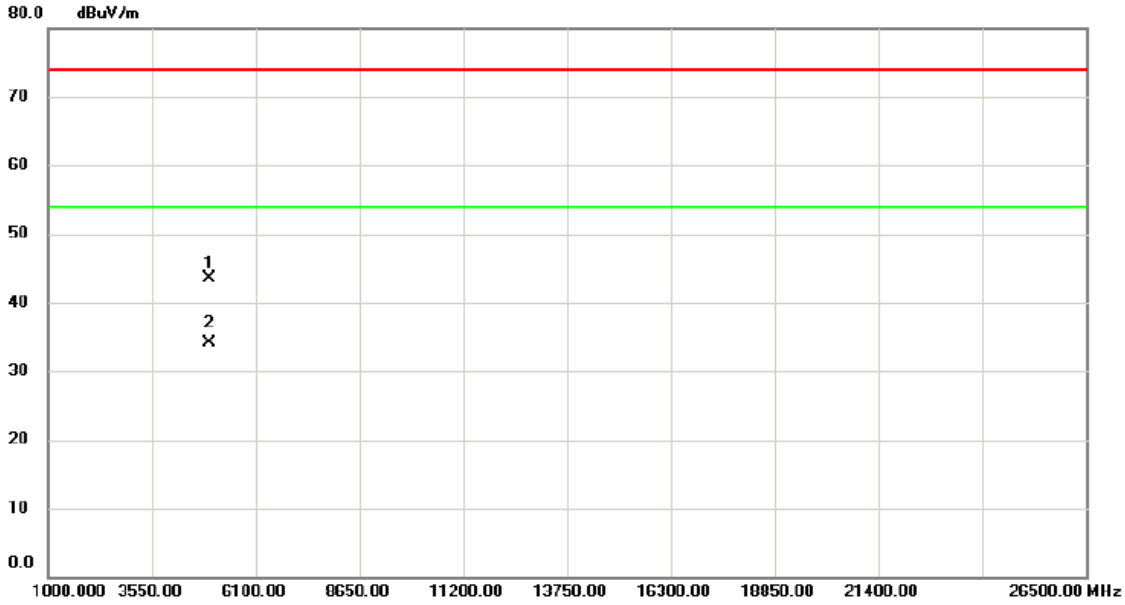
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2467.800	65.34	33.09	98.43	74.00	24.43	peak	No Limit
2	*	2473.500	56.08	33.12	89.20	54.00	35.20	AVG	No Limit
3		2483.500	37.46	33.15	70.61	74.00	-3.39	peak	
4		2483.500	20.10	33.15	53.25	54.00	-0.75	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT1

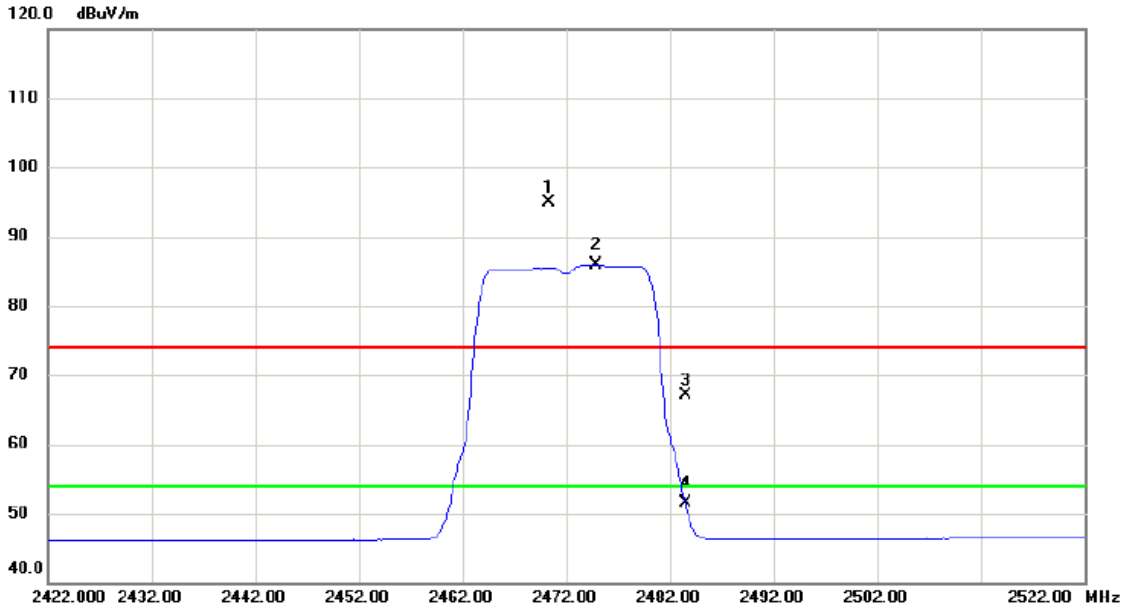
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.100	38.28	5.16	43.44	74.00	-30.56	peak	
2	*	4944.160	28.86	5.16	34.02	54.00	-19.98	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

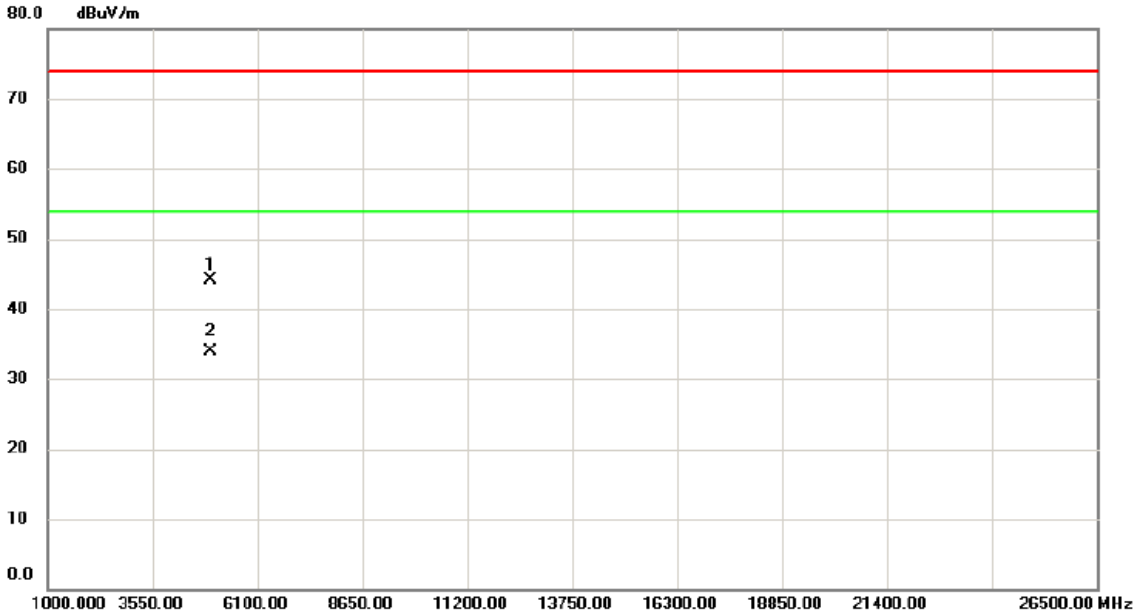
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2470.300	61.89	33.09	94.98	74.00	20.98	peak	No Limit
2	*	2474.800	52.76	33.12	85.88	54.00	31.88	AVG	No Limit
3		2483.500	34.04	33.15	67.19	74.00	-6.81	peak	
4		2483.500	18.32	33.15	51.47	54.00	-2.53	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

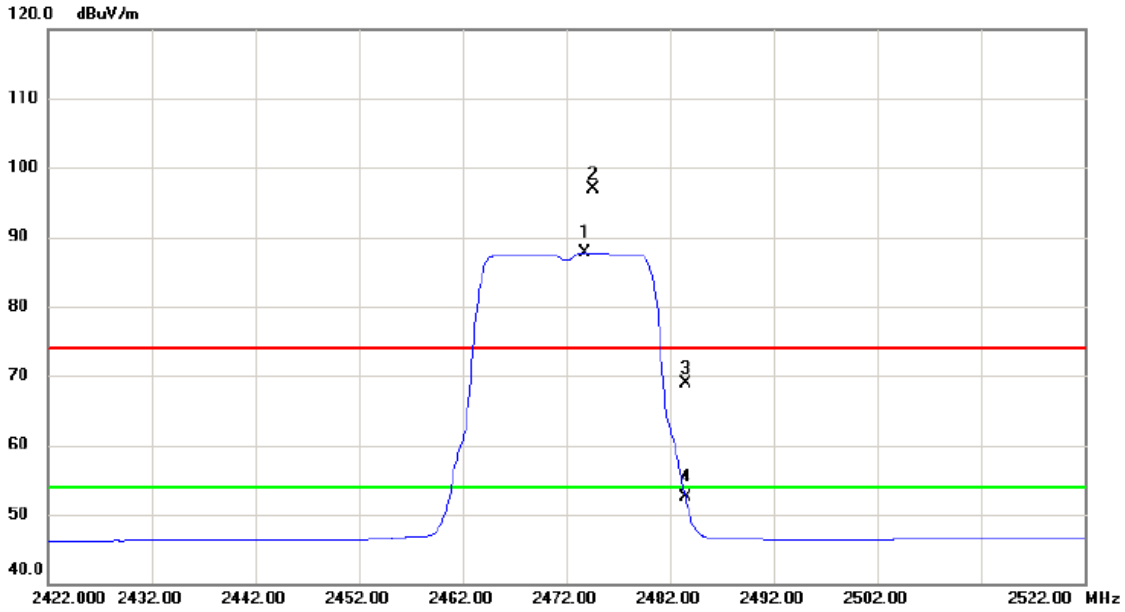
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.050	38.99	5.16	44.15	74.00	-29.85	peak	
2	*	4944.270	28.78	5.16	33.94	54.00	-20.06	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

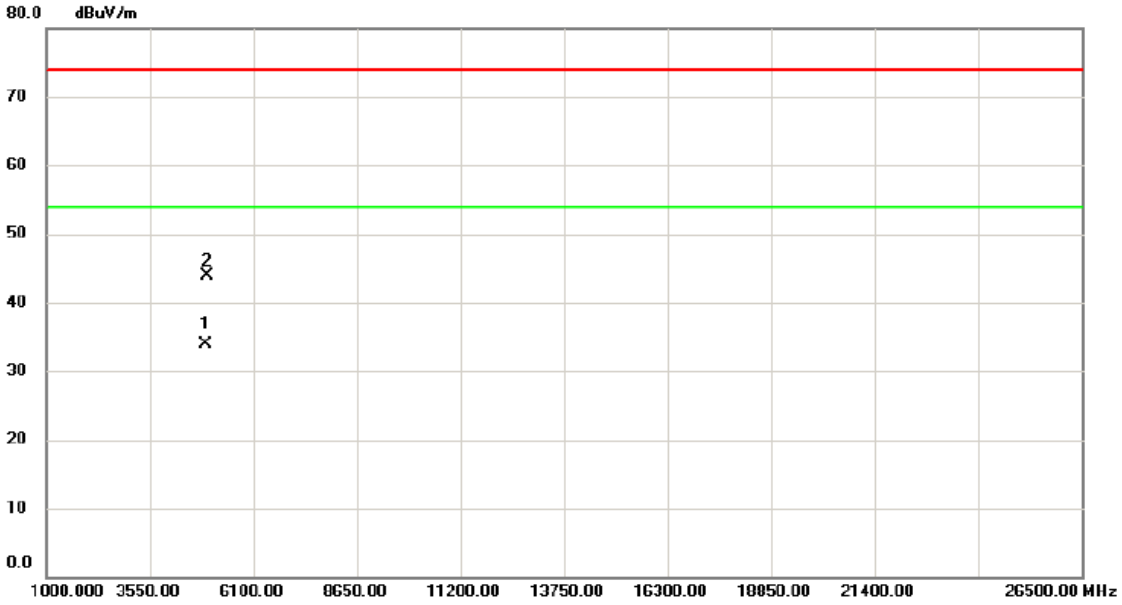
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2473.800	54.68	33.12	87.80	54.00	33.80	AVG	No Limit
2	X	2474.600	63.78	33.12	96.90	74.00	22.90	peak	No Limit
3		2483.500	35.80	33.15	68.95	74.00	-5.05	peak	
4		2483.500	19.41	33.15	52.56	54.00	-1.44	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

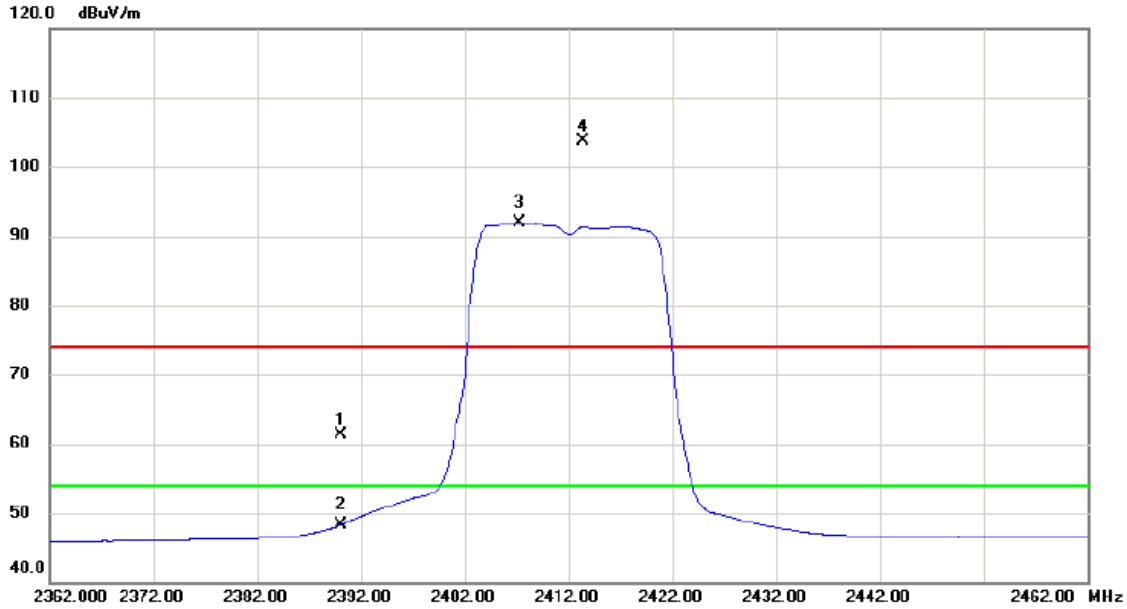
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4943.920	28.75	5.16	33.91	54.00	-20.09	AVG	
2		4944.210	38.74	5.16	43.90	74.00	-30.10	peak	

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

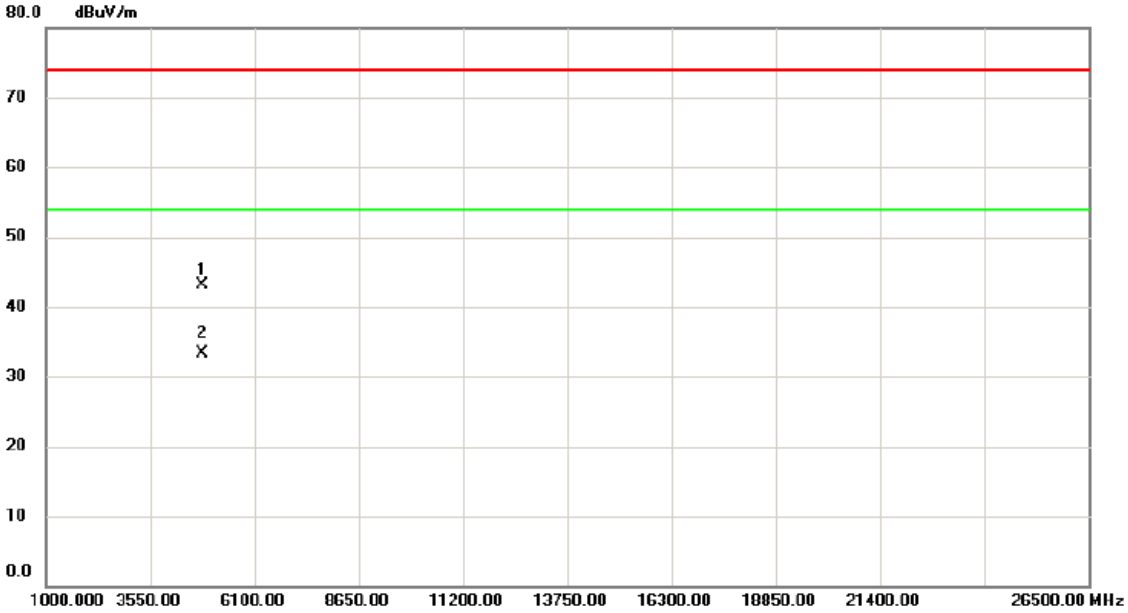
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	28.49	32.77	61.26	74.00	-12.74	peak	
2		2390.000	15.54	32.77	48.31	54.00	-5.69	AVG	
3	*	2407.300	59.14	32.83	91.97	54.00	37.97	AVG	No Limit
4	X	2413.400	70.88	32.86	103.74	74.00	29.74	peak	No Limit

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

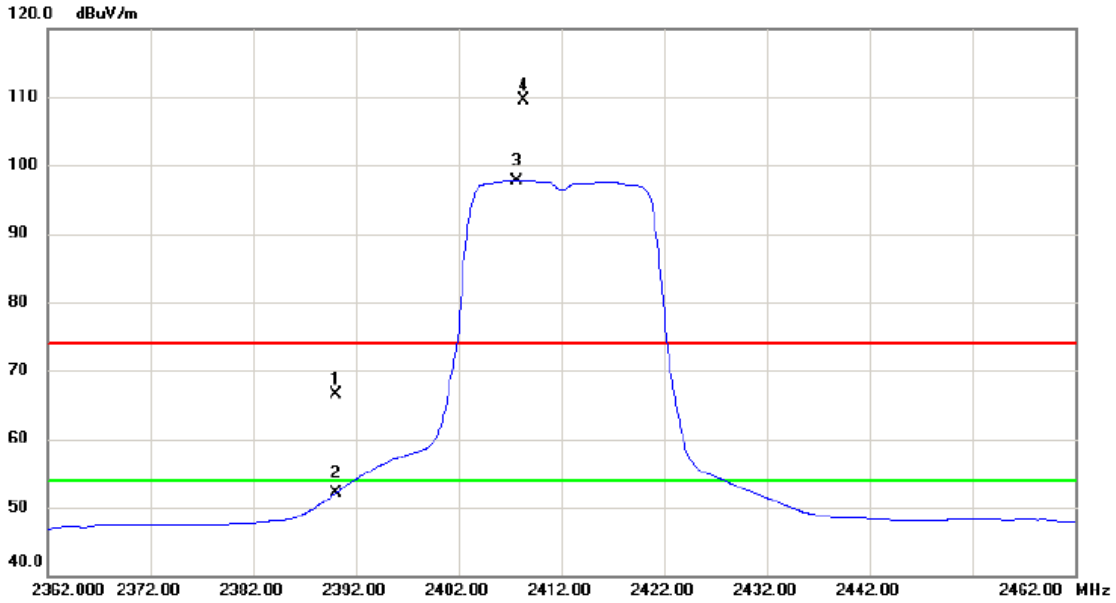
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.010	38.33	4.69	43.02	74.00	-30.98	peak	
2	*	4824.130	28.64	4.69	33.33	54.00	-20.67	AVG	

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

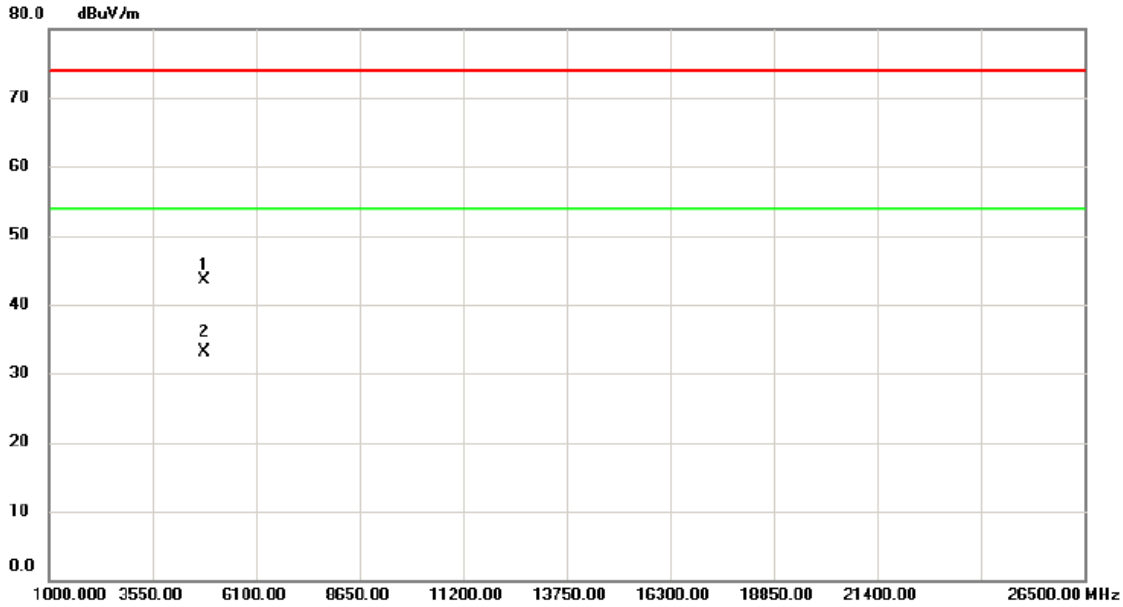
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	33.69	32.77	66.46	74.00	-7.54	peak	
2		2390.000	19.28	32.77	52.05	54.00	-1.95	AVG	
3	*	2407.700	64.87	32.84	97.71	54.00	43.71	AVG	No Limit
4	X	2408.300	76.75	32.85	109.60	74.00	35.60	peak	No Limit

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

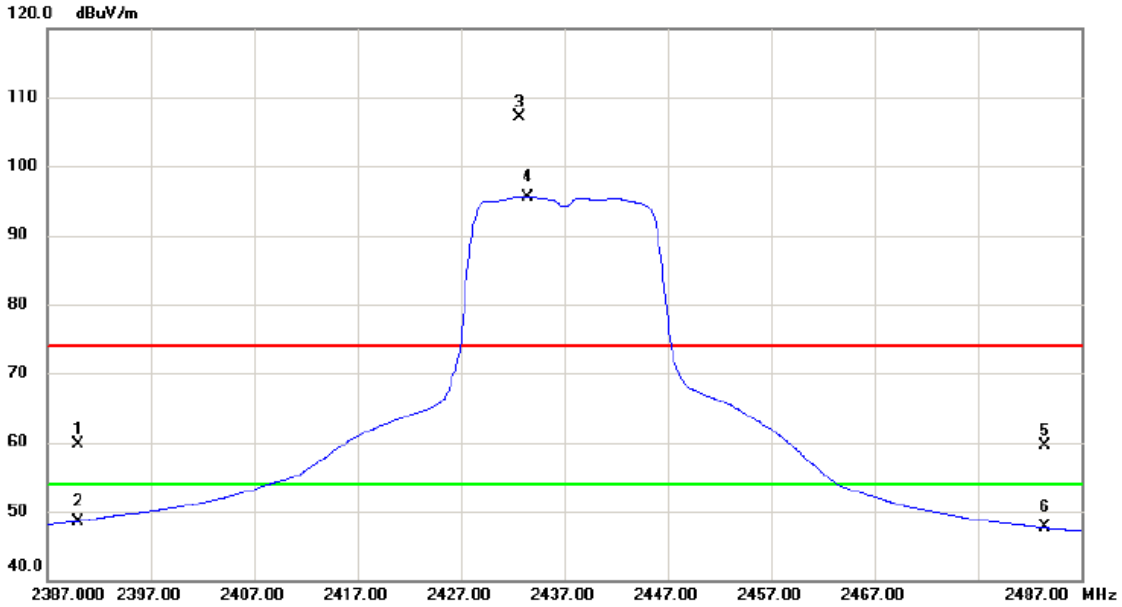
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.625	38.83	4.69	43.52	74.00	-30.48	peak	
2	*	4824.700	28.36	4.69	33.05	54.00	-20.95	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

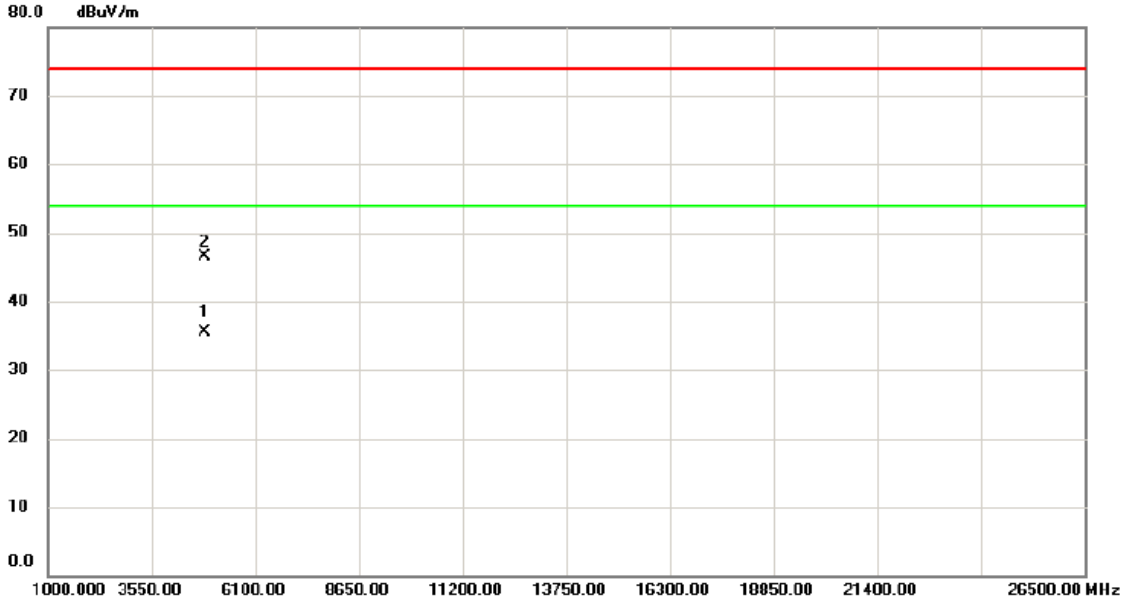
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	26.97	32.77	59.74	74.00	-14.26	peak	
2		2390.000	15.82	32.77	48.59	54.00	-5.41	AVG	
3	X	2432.700	74.08	32.94	107.02	74.00	33.02	peak	No Limit
4	*	2433.500	62.57	32.95	95.52	54.00	41.52	AVG	No Limit
5		2483.500	26.26	33.15	59.41	74.00	-14.59	peak	
6		2483.500	14.49	33.15	47.64	54.00	-6.36	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

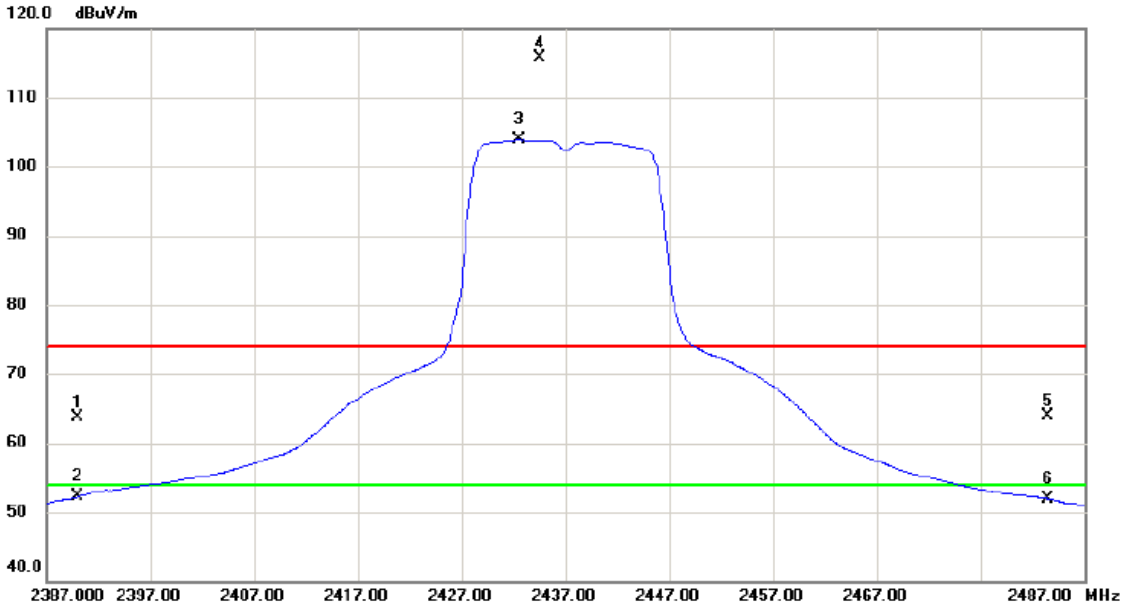
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4874.150	30.55	4.88	35.43	54.00	-18.57	AVG	
2		4875.800	41.64	4.90	46.54	74.00	-27.46	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

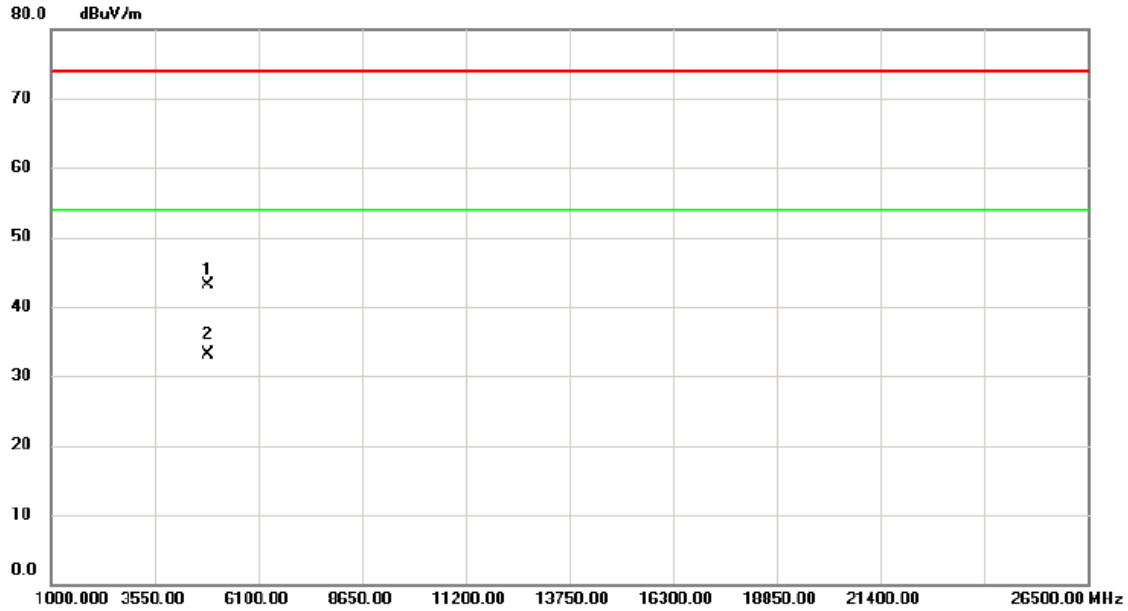
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	30.88	32.77	63.65	74.00	-10.35	peak	
2		2390.000	19.44	32.77	52.21	54.00	-1.79	AVG	
3	*	2432.500	70.87	32.94	103.81	54.00	49.81	AVG	No Limit
4	X	2434.600	82.69	32.95	115.64	74.00	41.64	peak	No Limit
5		2483.500	30.76	33.15	63.91	74.00	-10.09	peak	
6		2483.500	18.84	33.15	51.99	54.00	-2.01	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

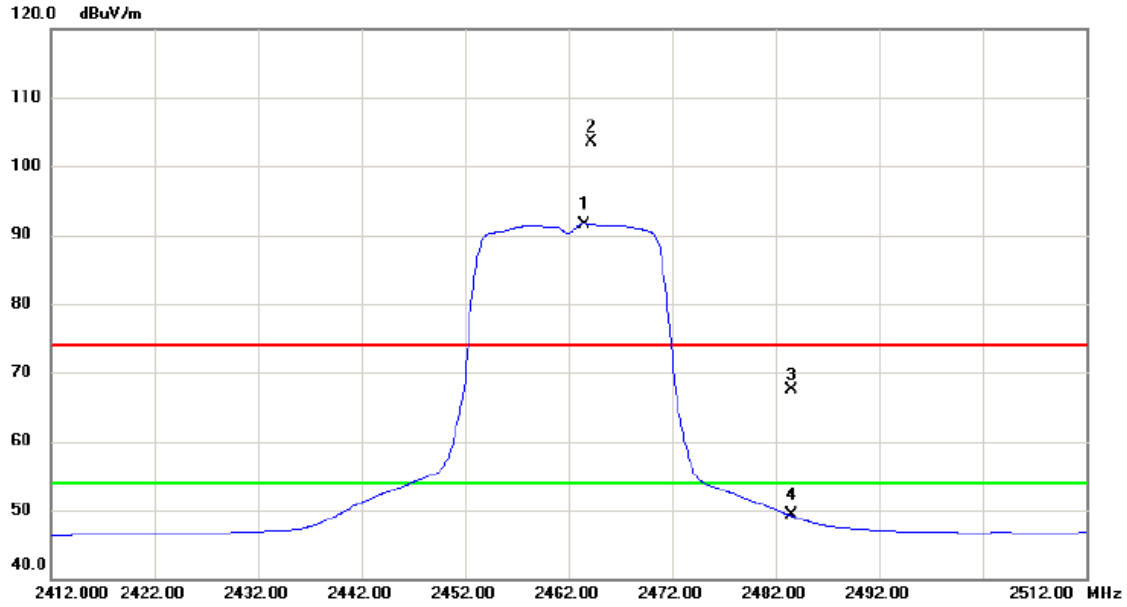
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4873.150	38.19	4.88	43.07	74.00	-30.93	peak	
2	*	4873.650	28.29	4.88	33.17	54.00	-20.83	AVG	

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

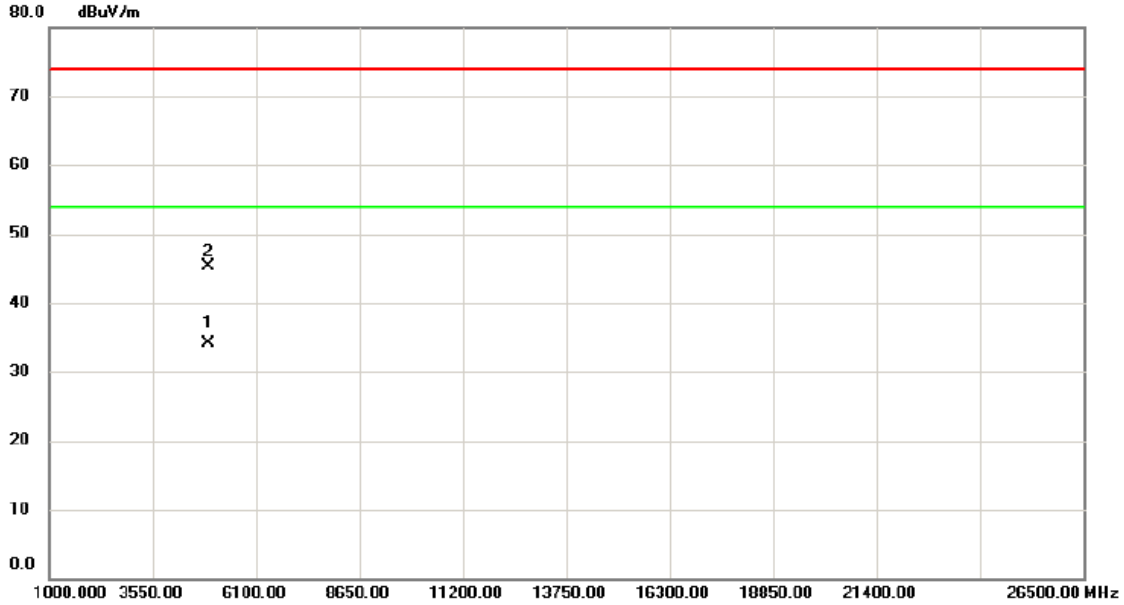
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2463.500	58.53	33.07	91.60	54.00	37.60	AVG	No Limit
2	X	2464.200	70.41	33.08	103.49	74.00	29.49	peak	No Limit
3		2483.500	34.27	33.15	67.42	74.00	-6.58	peak	
4		2483.500	16.07	33.15	49.22	54.00	-4.78	AVG	

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

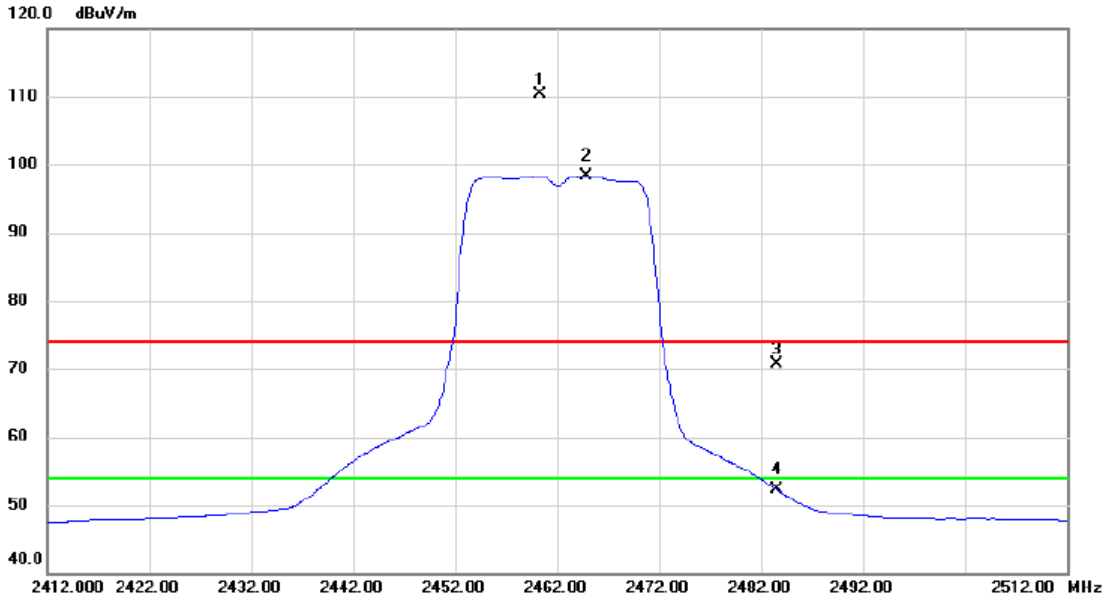
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4923.950	29.09	5.08	34.17	54.00	-19.83	AVG	
2		4924.150	40.27	5.08	45.35	74.00	-28.65	peak	

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

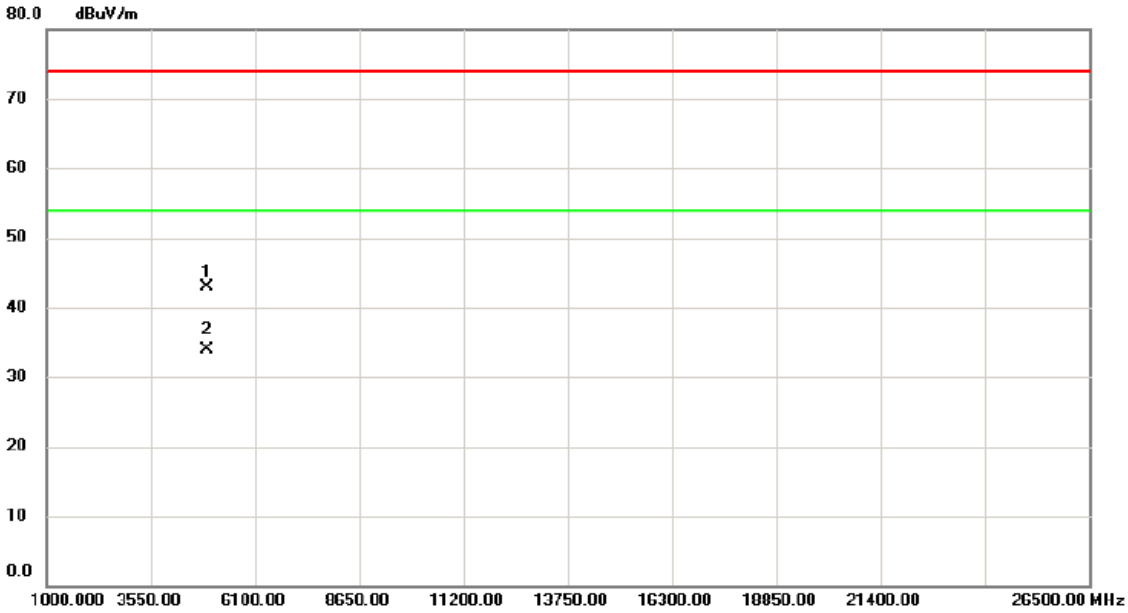
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2460.300	77.25	33.05	110.30	74.00	36.30	peak	No Limit
2	*	2464.900	65.22	33.08	98.30	54.00	44.30	AVG	No Limit
3		2483.500	37.61	33.15	70.76	74.00	-3.24	peak	
4		2483.500	19.21	33.15	52.36	54.00	-1.64	AVG	

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

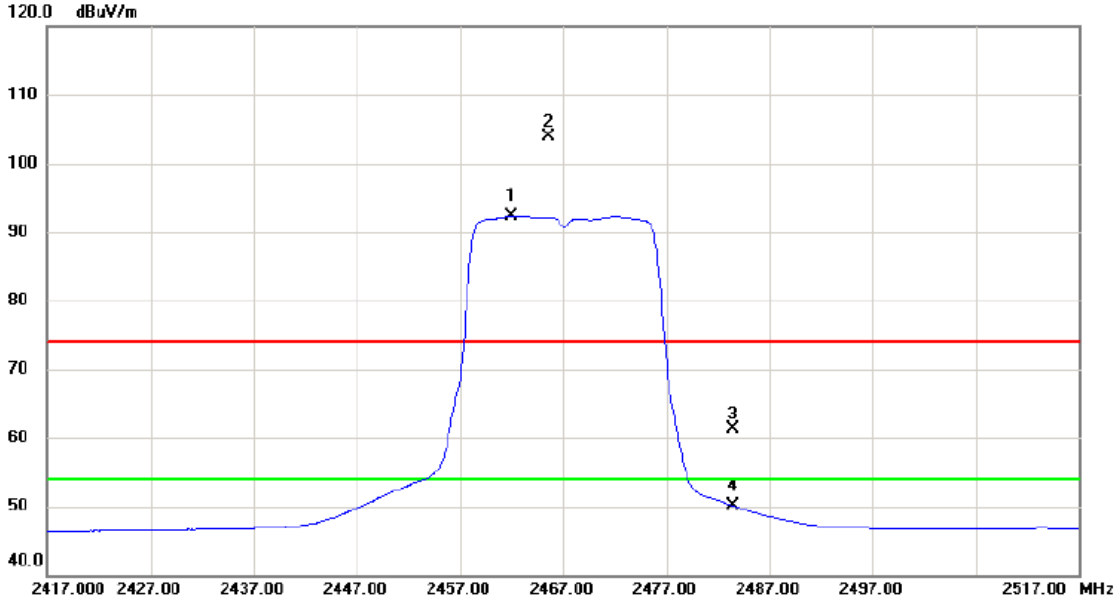
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.050	37.90	5.08	42.98	74.00	-31.02	peak	
2	*	4924.325	28.76	5.08	33.84	54.00	-20.16	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2467MHz

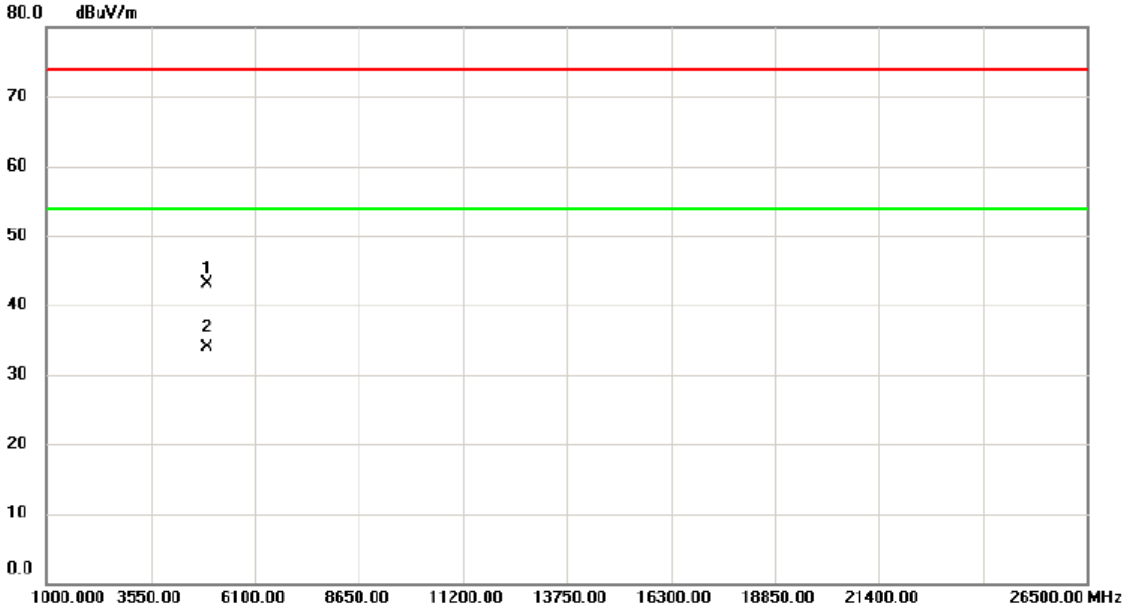
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2462.000	59.30	33.07	92.37	54.00	38.37	AVG	No Limit
2	X	2465.600	70.83	33.08	103.91	74.00	29.91	peak	No Limit
3		2483.500	28.12	33.15	61.27	74.00	-12.73	peak	
4		2483.500	16.94	33.15	50.09	54.00	-3.91	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2467MHz

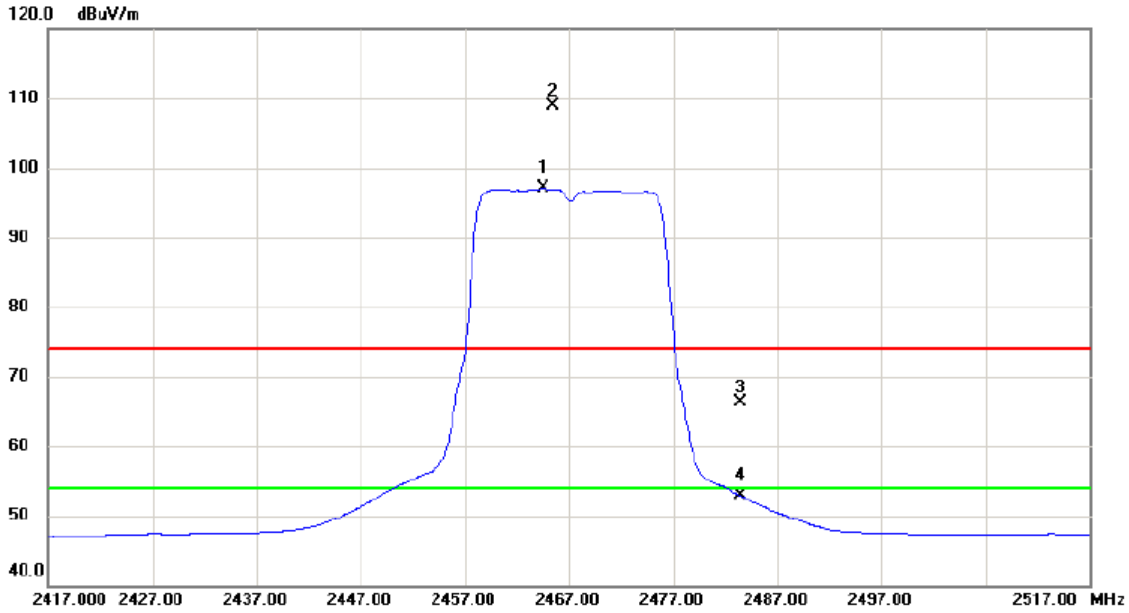
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.06	5.13	43.19	74.00	-30.81	peak	
2	*	4934.900	28.70	5.13	33.83	54.00	-20.17	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2467MHz

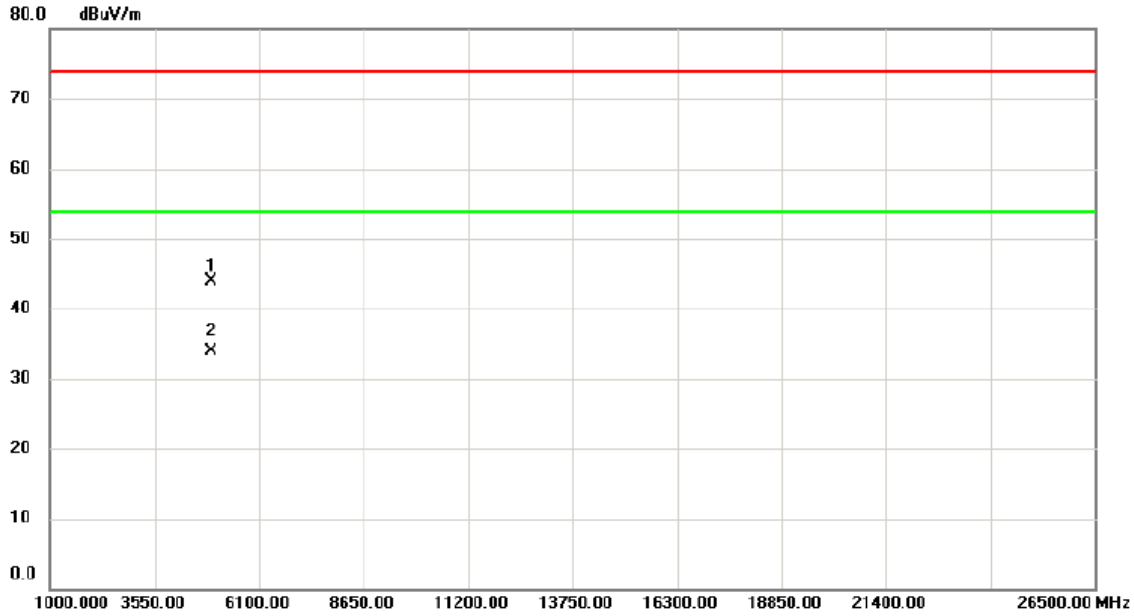
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2464.500	63.96	33.08	97.04	54.00	43.04	AVG	No Limit
2	X	2465.400	75.79	33.08	108.87	74.00	34.87	peak	No Limit
3		2483.500	33.06	33.15	66.21	74.00	-7.79	peak	
4		2483.500	19.69	33.15	52.84	54.00	-1.16	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2467MHz

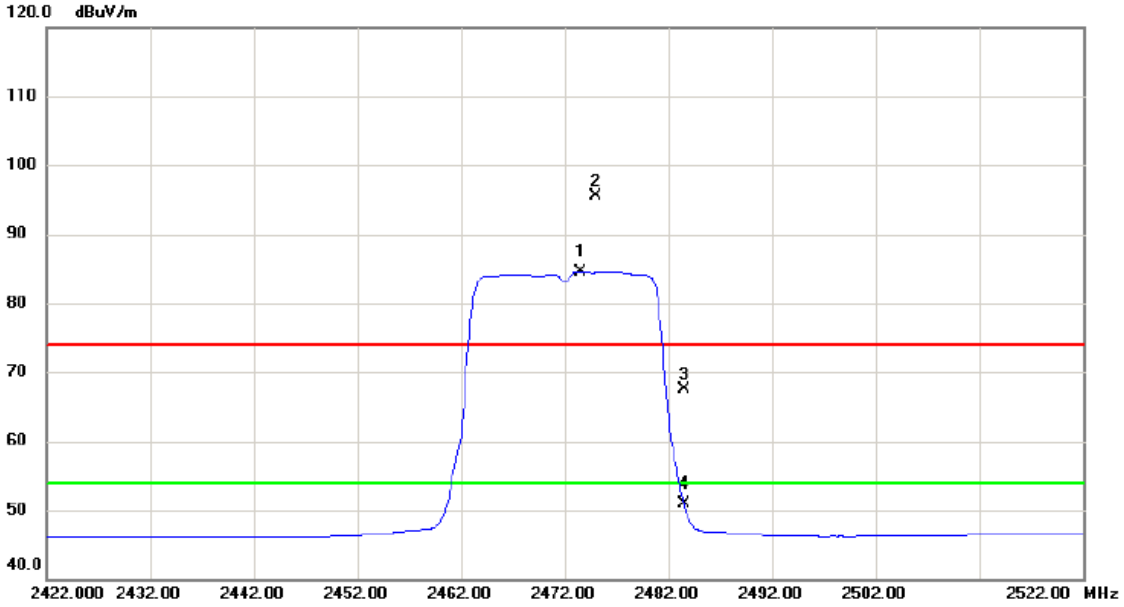
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4933.150	38.73	5.11	43.84	74.00	-30.16	peak	
2	*	4933.600	28.70	5.11	33.81	54.00	-20.19	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2472MHz

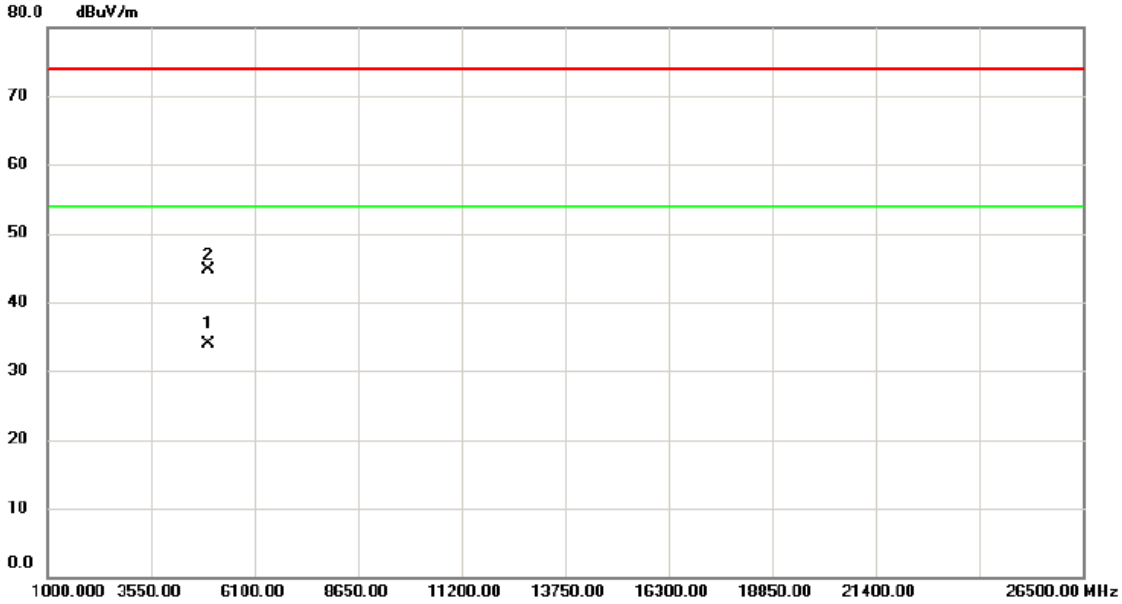
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2473.500	51.43	33.12	84.55	54.00	30.55	AVG	No Limit
2	X	2475.000	62.35	33.12	95.47	74.00	21.47	peak	No Limit
3		2483.500	34.26	33.15	67.41	74.00	-6.59	peak	
4		2483.500	17.84	33.15	50.99	54.00	-3.01	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2472MHz

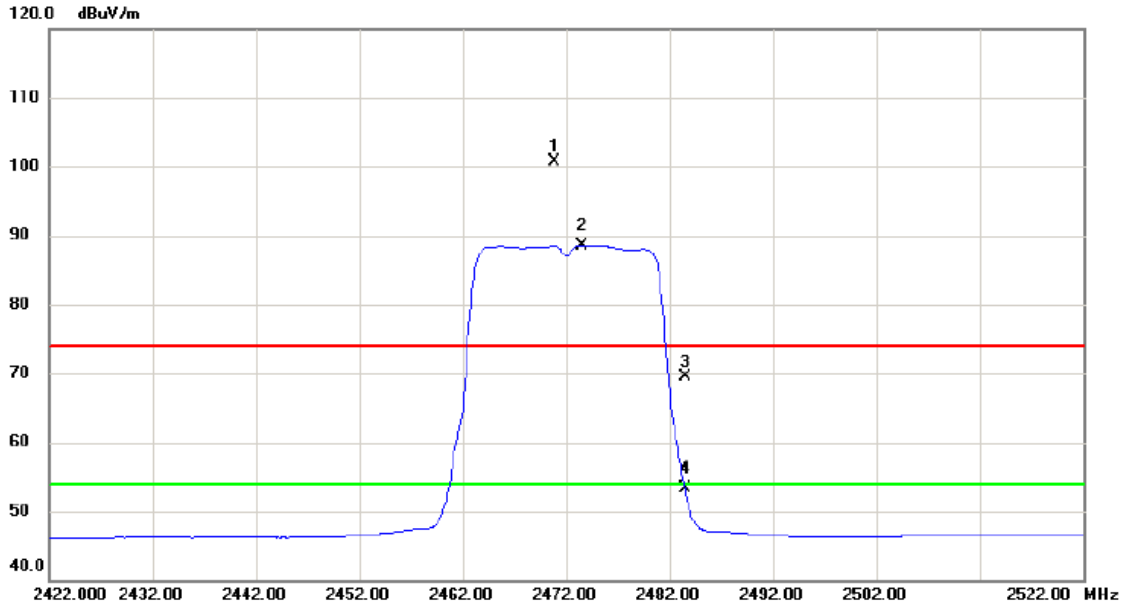
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4944.650	28.79	5.16	33.95	54.00	-20.05	AVG	
2		4945.050	39.48	5.16	44.64	74.00	-29.36	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2472MHz

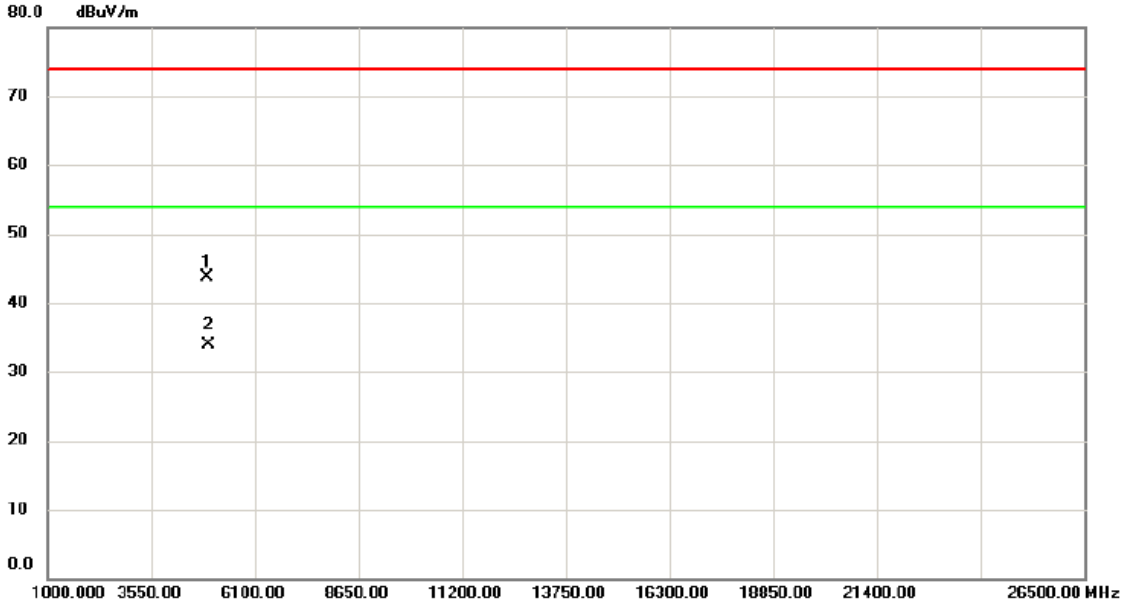
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2470.900	67.58	33.10	100.68	74.00	26.68	peak	No Limit
2	*	2473.500	55.45	33.12	88.57	54.00	34.57	AVG	No Limit
3		2483.500	36.27	33.15	69.42	74.00	-4.58	peak	
4		2483.500	20.14	33.15	53.29	54.00	-0.71	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2472MHz

Horizontal



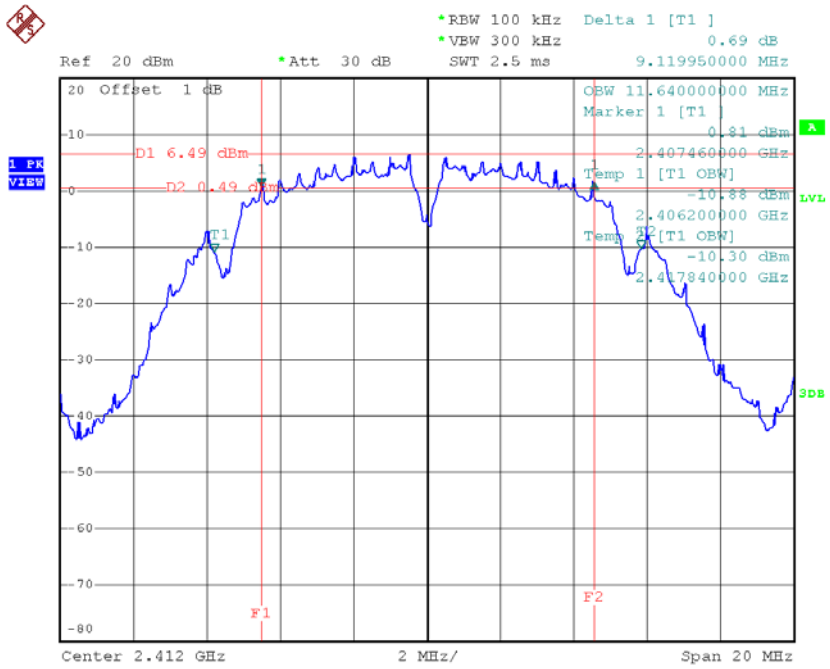
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4942.975	38.47	5.16	43.63	74.00	-30.37	peak	
2	*	4944.000	28.69	5.16	33.85	54.00	-20.15	AVG	

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11_ANT1				

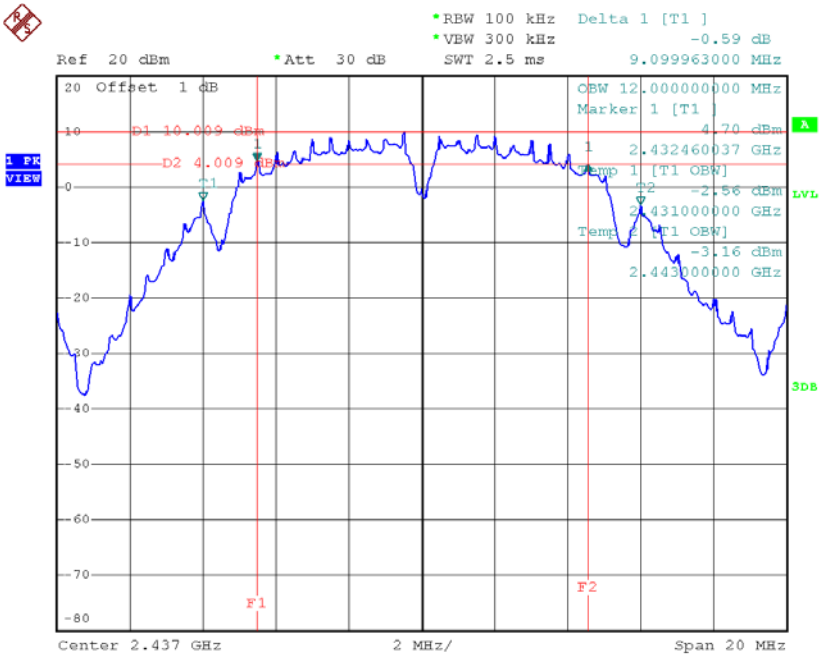
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	9.12	11.64	500	Complies
2437	9.10	12.00	500	Complies
2462	9.07	11.68	500	Complies

TX CH01



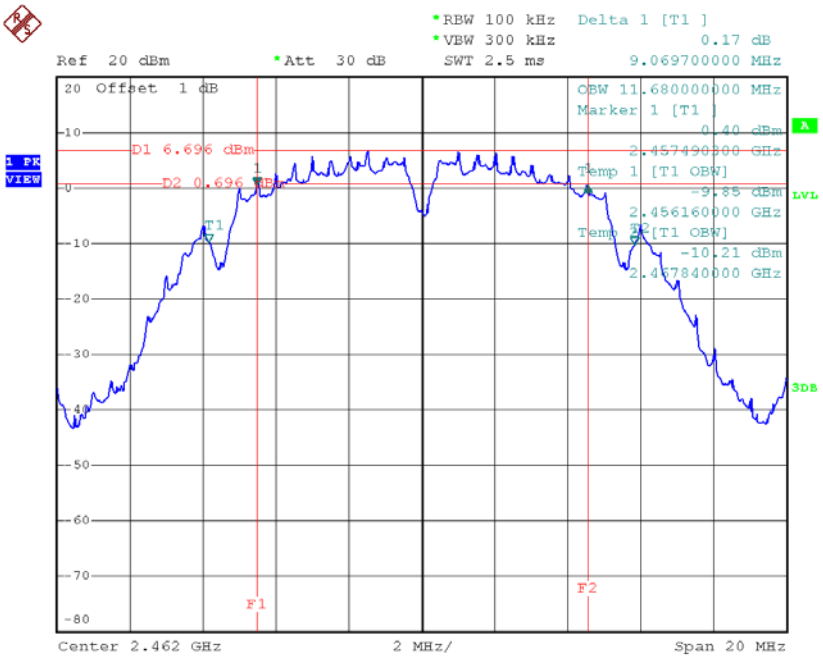
Date: 11.MAY.2016 10:28:25

TX CH06



Date: 11.MAY.2016 10:31:01

TX CH11

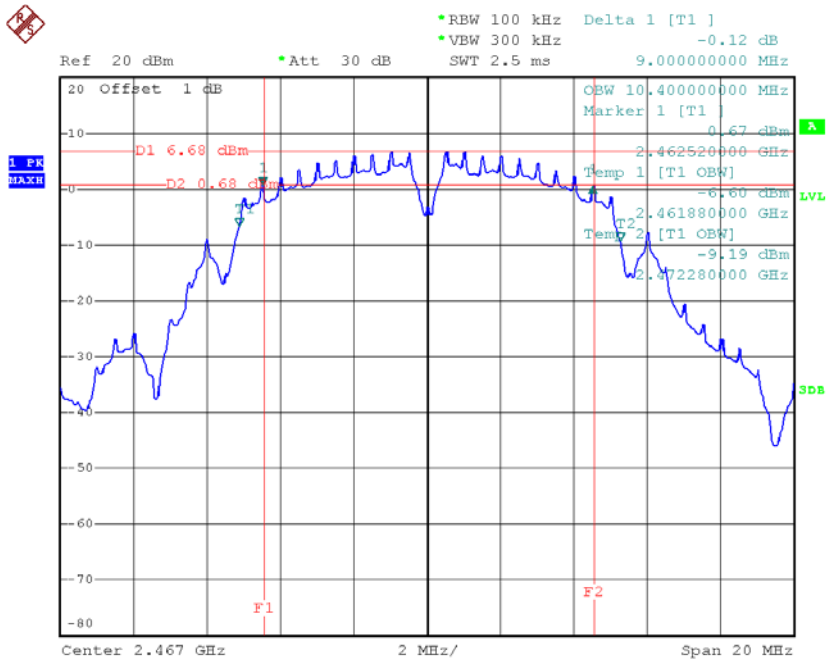


Date: 11.MAY.2016 10:33:15

Test Mode : TX B Mode_CH12_ANT1

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2467	9.00	10.40	500	Complies

TX CH12

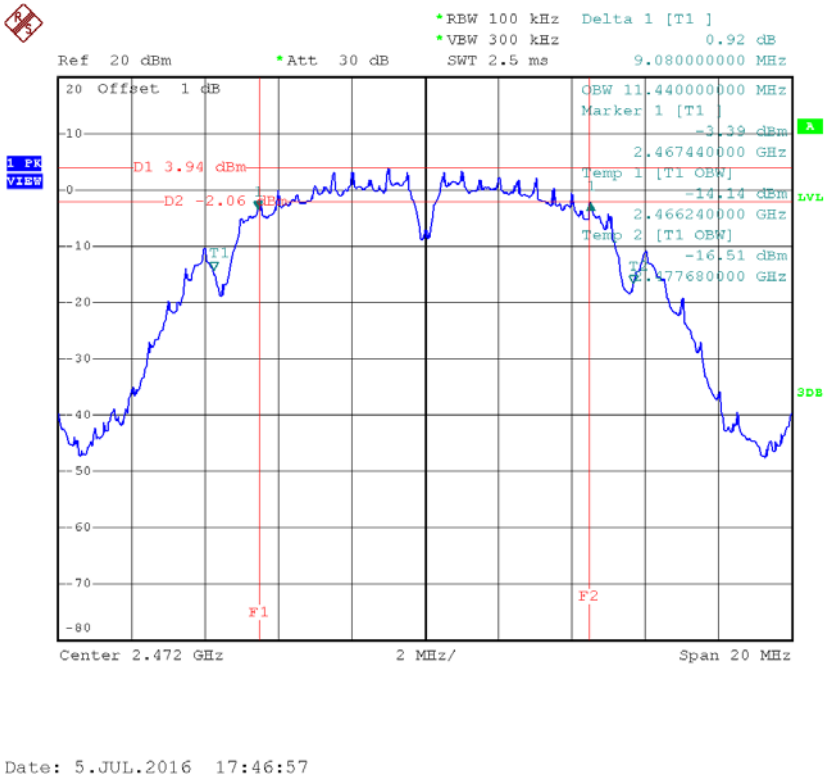


Date: 20.JUL.2016 15:12:26

Test Mode : TX B Mode_CH13_ANT1

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2472	9.08	11.44	500	Complies

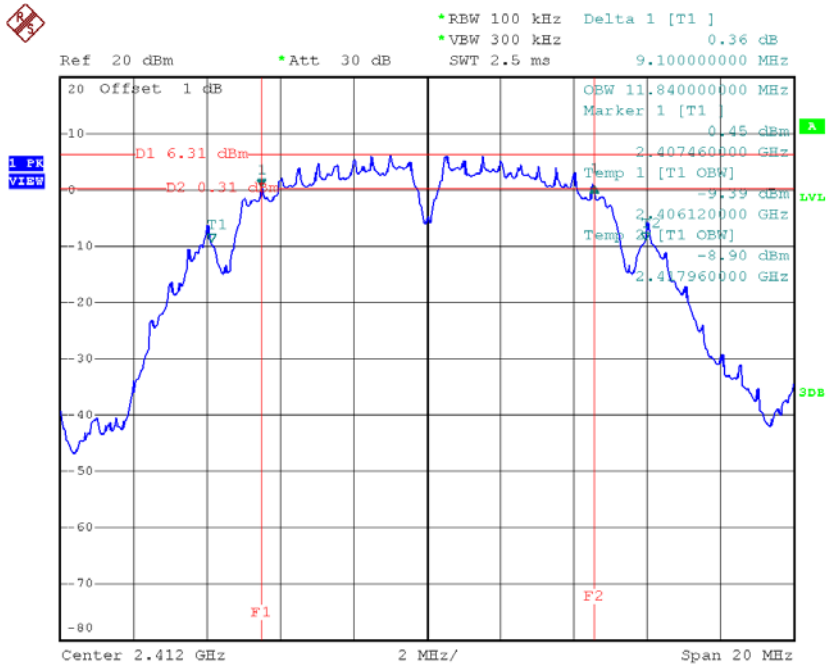
TX CH13



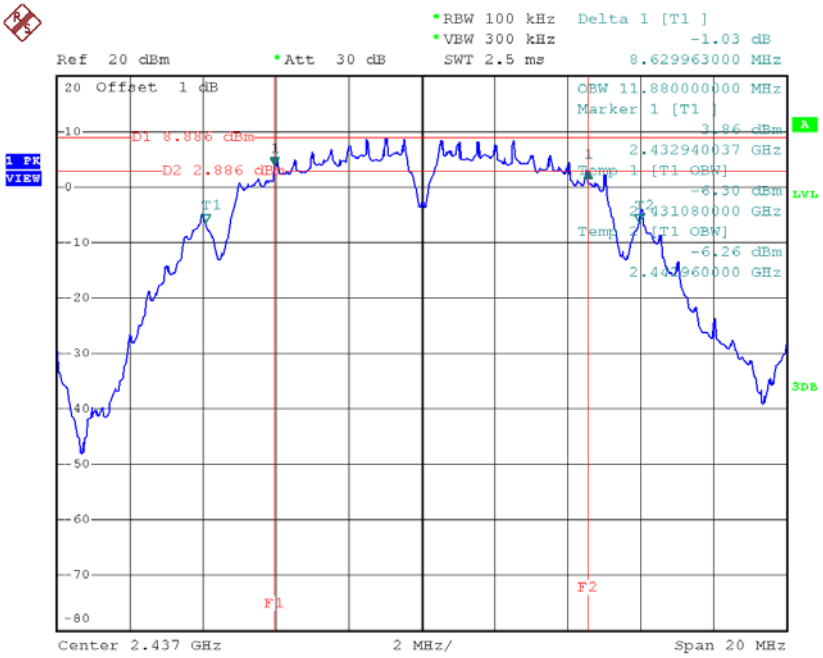
Date: 5.JUL.2016 17:46:57

Test Mode : TX B Mode_CH01/06/11_ANT2				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	9.10	11.84	500	Complies
2437	8.63	11.88	500	Complies
2462	9.08	11.56	500	Complies

TX CH01

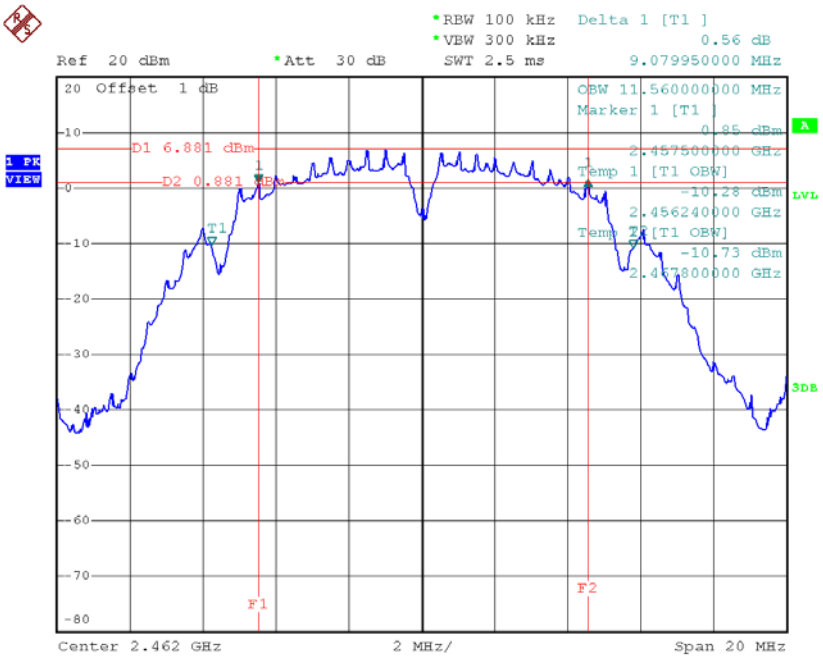


TX CH06



Date: 18.JUN.2016 14:40:16

TX CH11

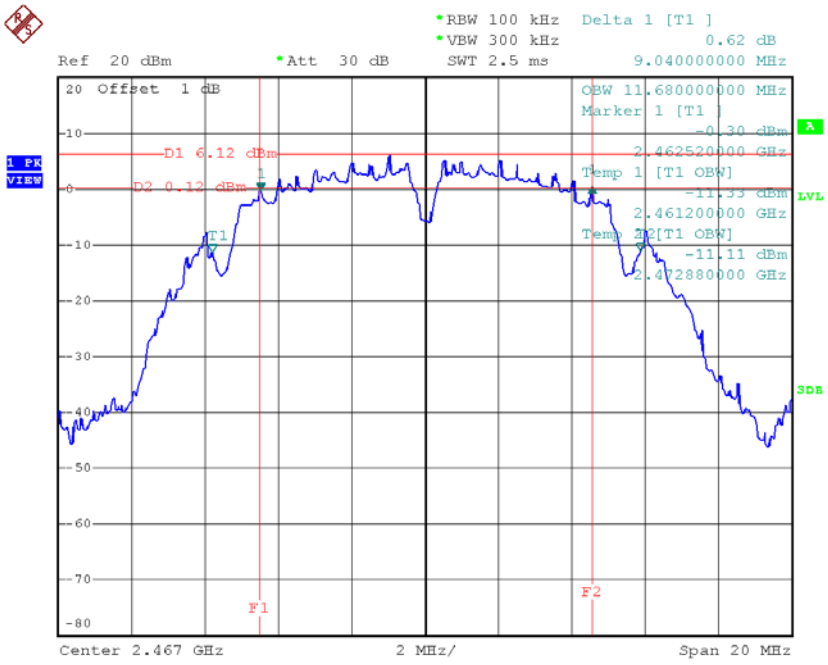


Date: 18.JUN.2016 14:42:04

Test Mode : TX B Mode_CH12_ANT2

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2467	9.04	11.68	500	Complies

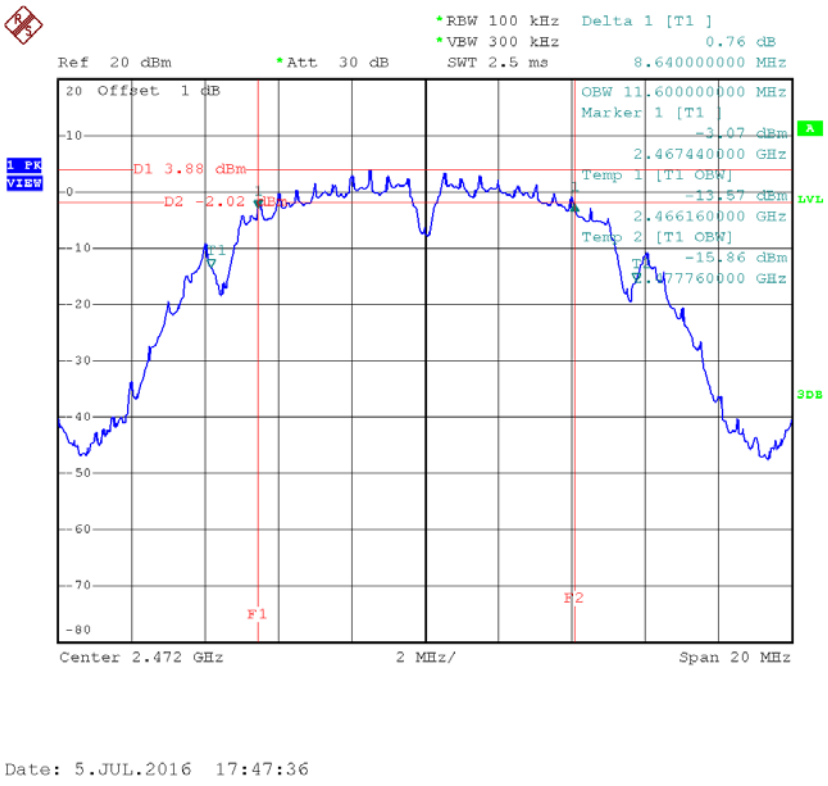
TX CH12



Date: 20.JUL.2016 15:56:53

Test Mode : TX B Mode_CH13_ANT2				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2472	8.64	11.60	500	Complies

TX CH13

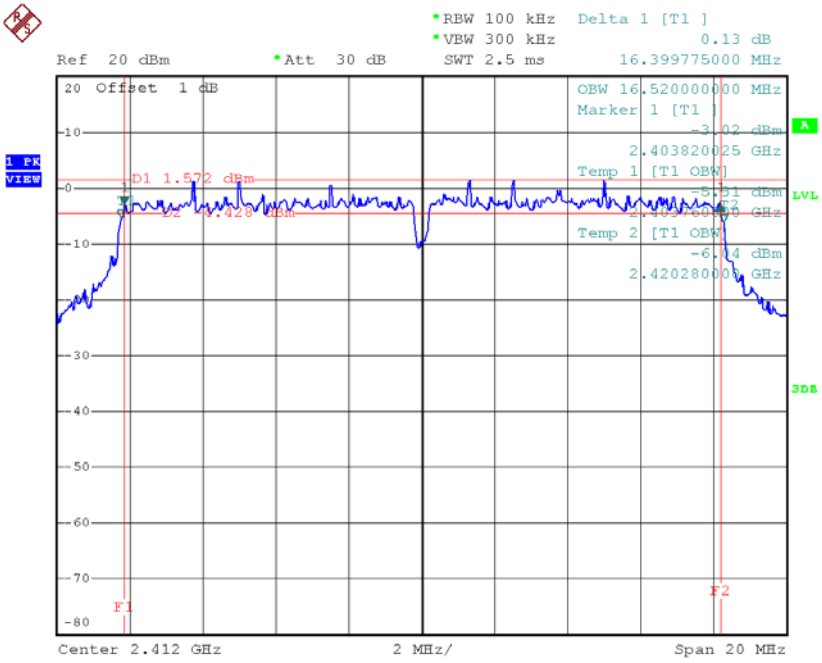


Date: 5.JUL.2016 17:47:36

Test Mode: TX G Mode_CH01/06/11_ANT1

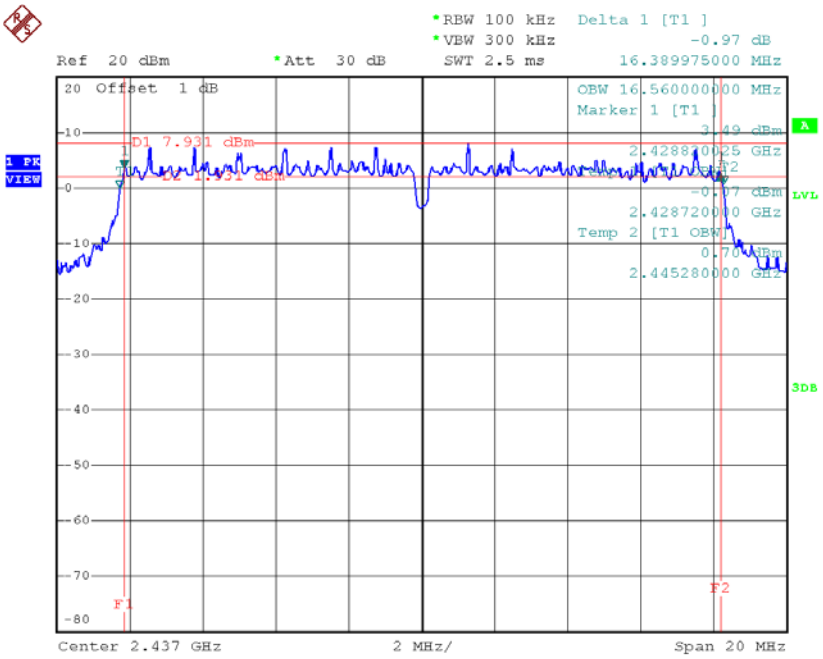
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.4	16.52	500	Complies
2437	16.39	16.56	500	Complies
2462	16.44	16.56	500	Complies

TX CH01



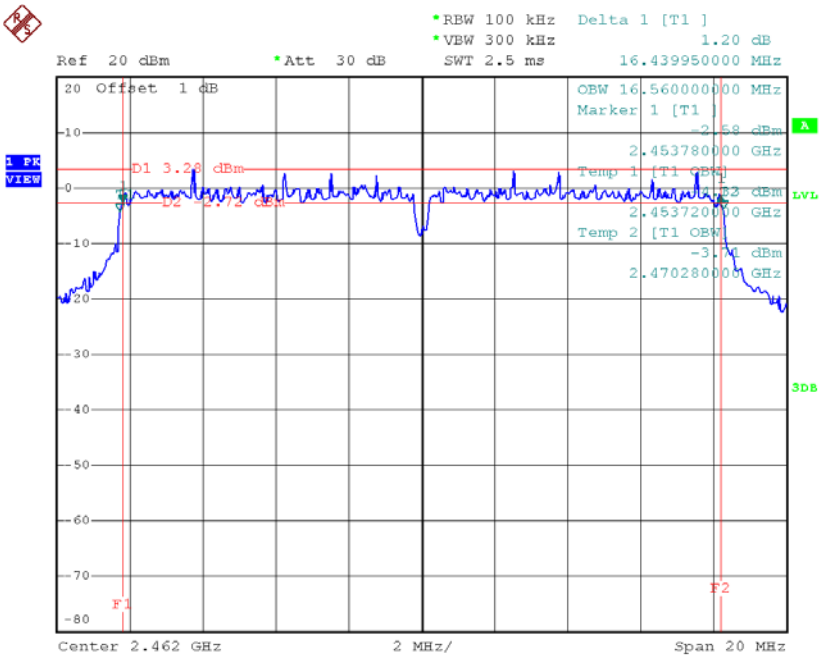
Date: 11.MAY.2016 10:35:23

TX CH06



Date: 11.MAY.2016 10:36:30

TX CH11

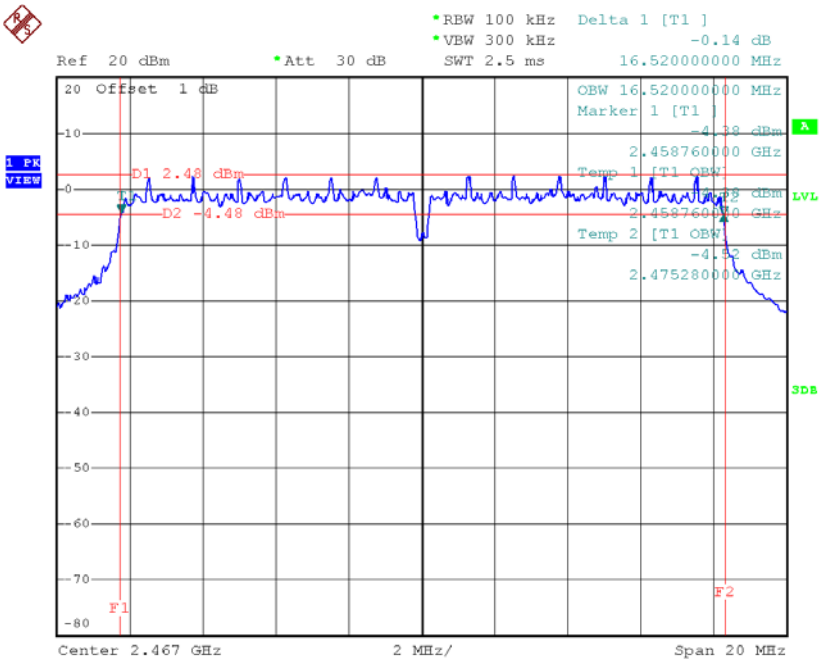


Date: 11.MAY.2016 10:37:59

Test Mode: TX G Mode_CH12_ANT1

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2467	16.52	16.52	500	Complies

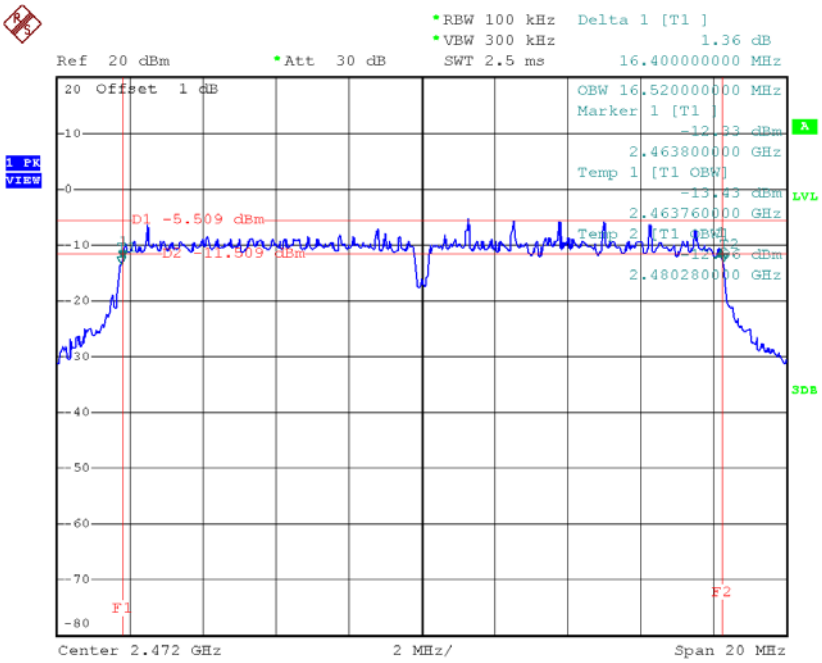
TX CH12



Date: 20.JUL.2016 15:26:41

Test Mode: TX G Mode_CH13_ANT1				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2472	16.40	16.52	500	Complies

TX CH13

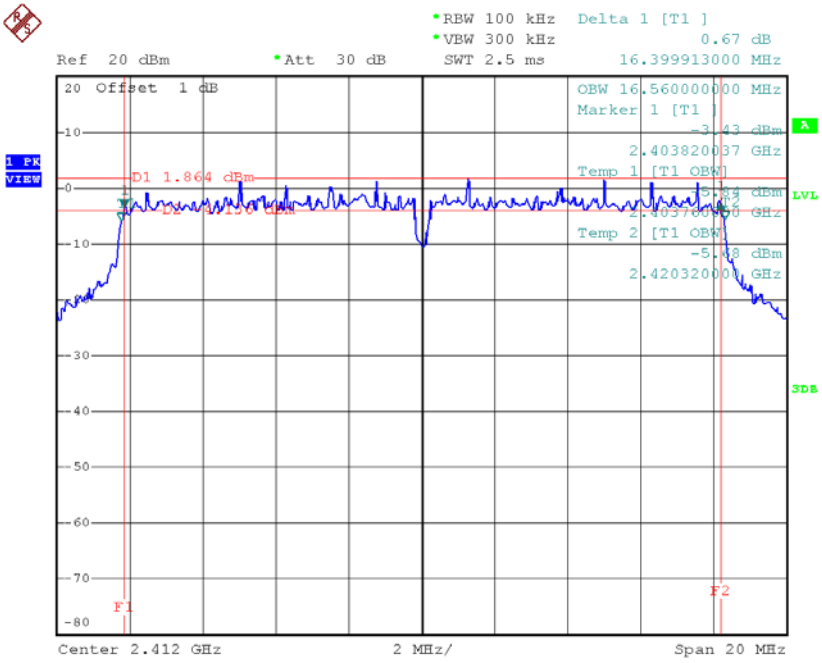


Date: 5.JUL.2016 17:42:26

Test Mode: TX G Mode_CH01/06/11_ANT2

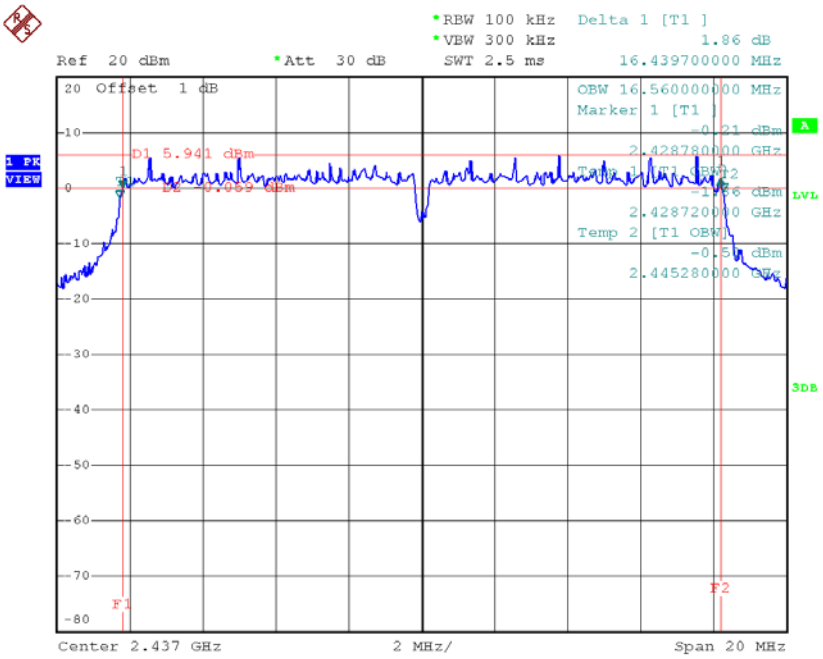
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.40	16.56	500	Complies
2437	16.44	16.56	500	Complies
2462	16.41	16.52	500	Complies

TX CH01



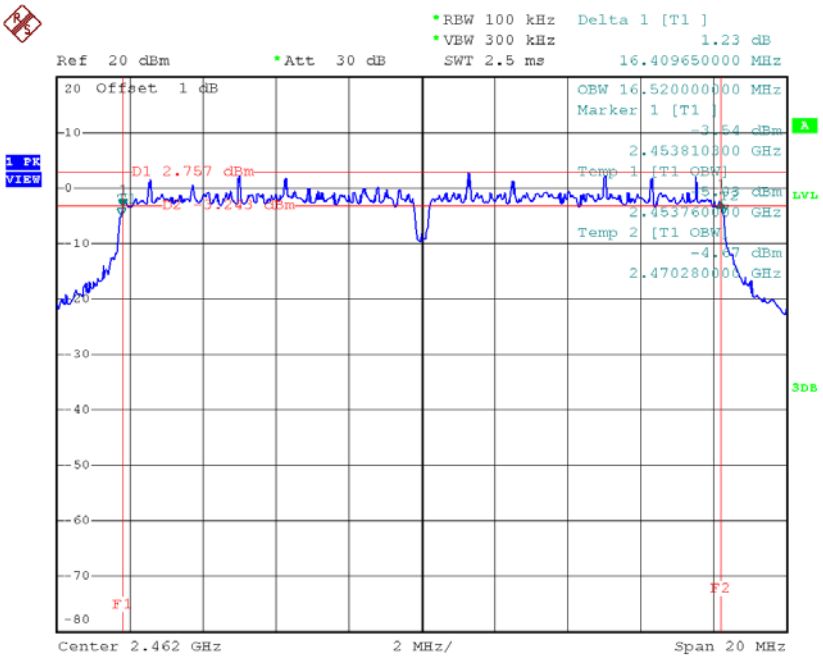
Date: 18.JUN.2016 14:44:12

TX CH06



Date: 18.JUN.2016 14:45:15

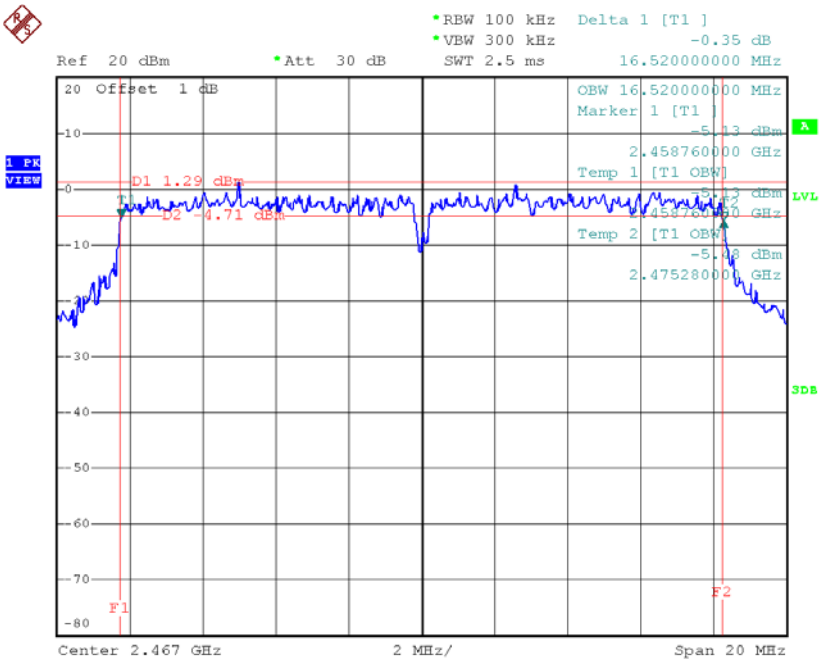
TX CH11



Date: 18.JUN.2016 14:46:17

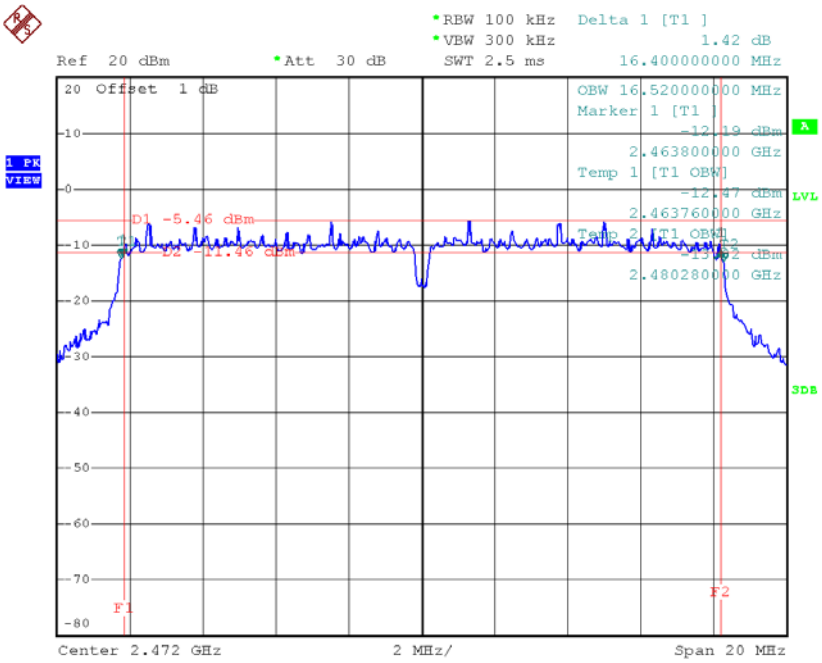
Test Mode: TX G Mode_CH12_ANT2				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2467	16.52	16.52	500	Complies

TX CH12



Test Mode: TX G Mode_CH13_ANT2				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2472	16.40	16.52	500	Complies

TX CH13

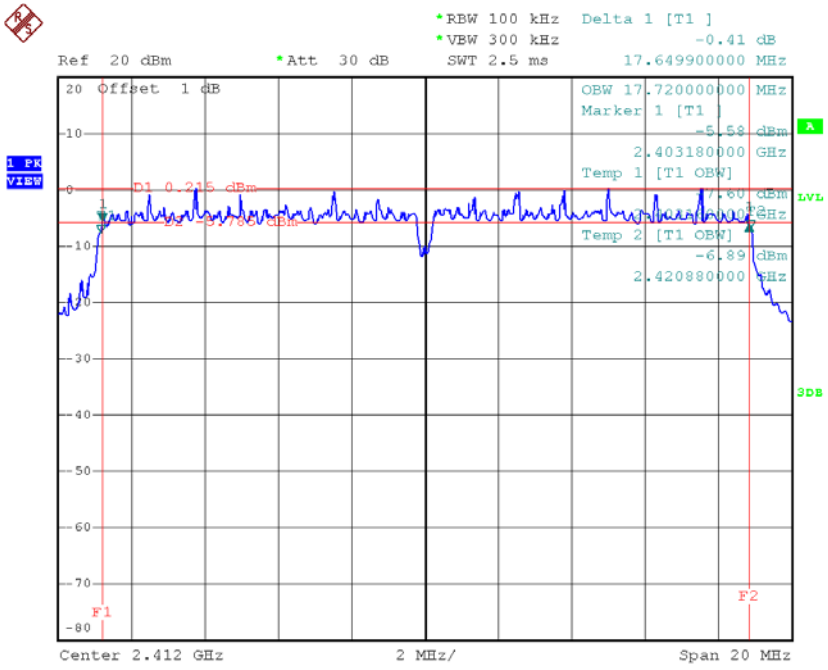


Date: 5.JUL.2016 17:43:14

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

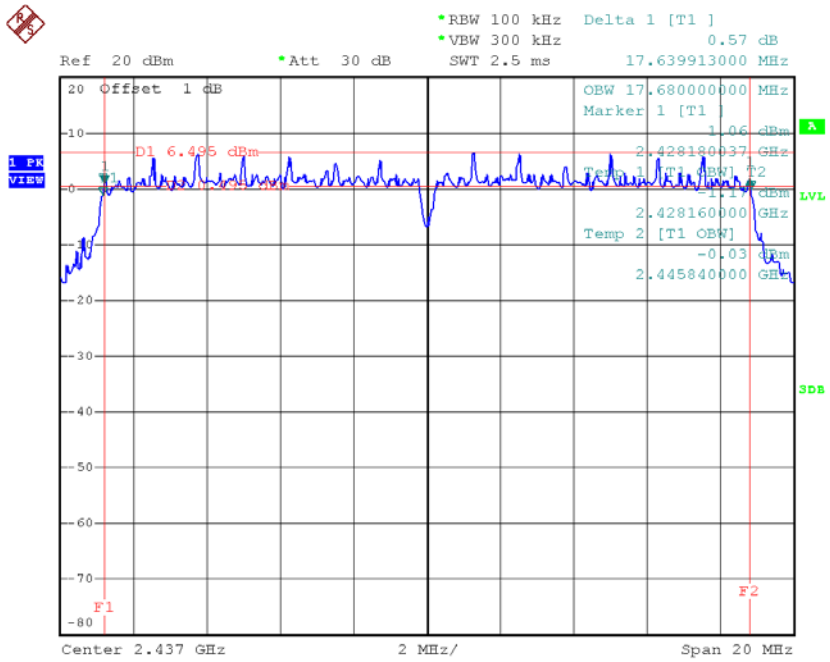
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.65	17.72	500	Complies
2437	17.64	17.68	500	Complies
2462	17.66	17.72	500	Complies

TX CH01



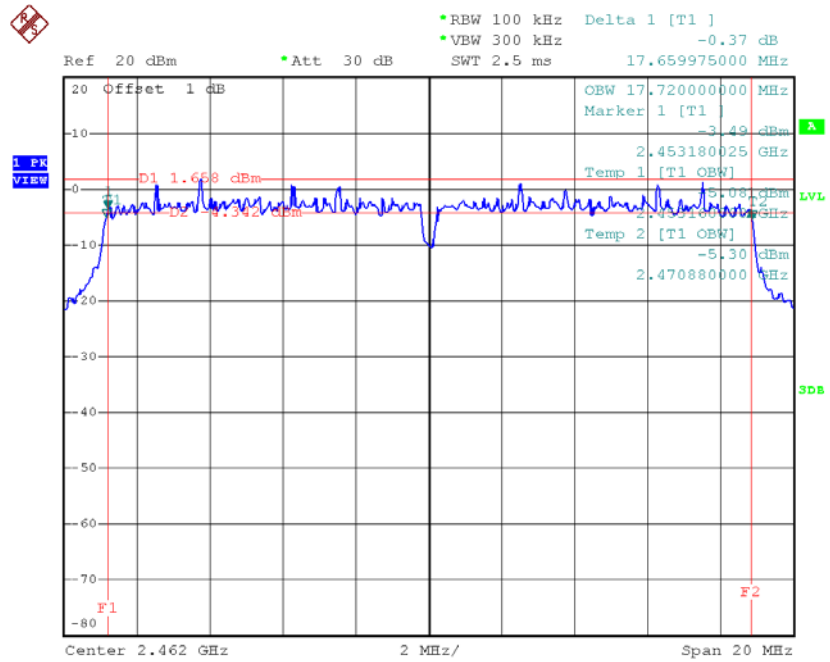
Date: 11.MAY.2016 10:39:59

TX CH06



Date: 11.MAY.2016 10:41:32

TX CH11

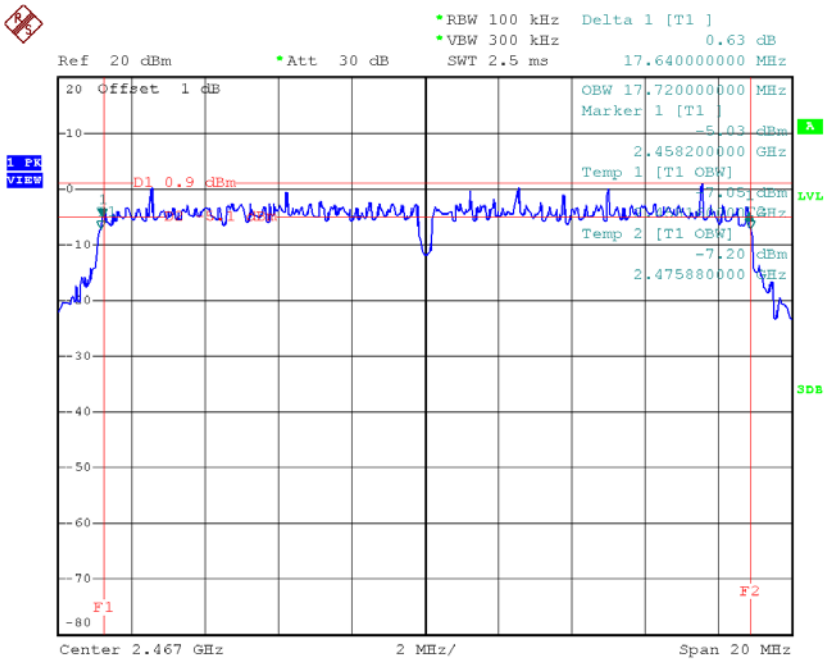


Date: 11.MAY.2016 10:42:36

Test Mode : TX N-20MHz Mode_CH12

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2467	17.64	17.72	500	Complies

TX CH12

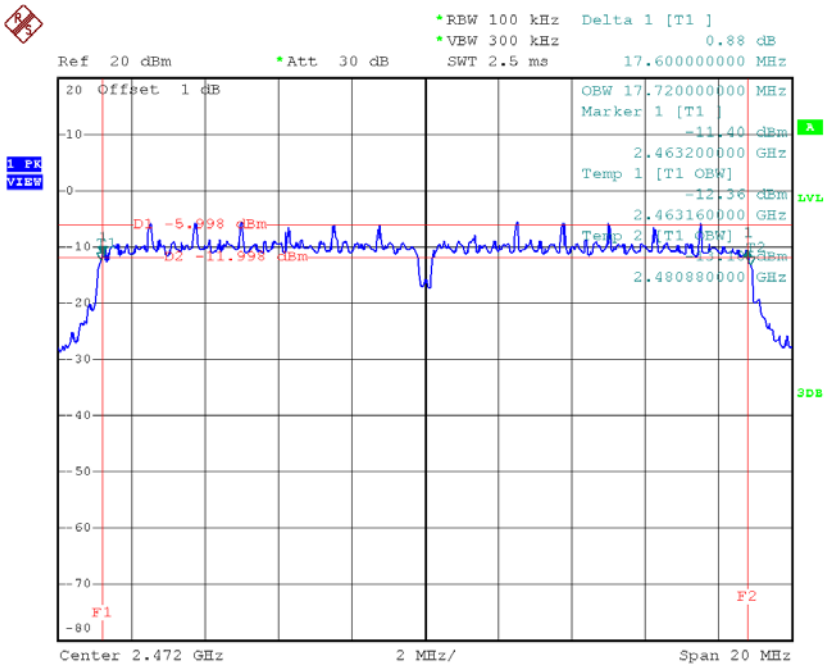


Date: 20.JUL.2016 16:33:39

Test Mode : TX N-20MHz Mode_CH13

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2472	17.60	17.72	500	Complies

TX CH13



Date: 5.JUL.2016 17:38:57

ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11_ANT1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	19.24	0.08	29.63	0.92	Complies
2437	23.26	0.21	29.63	0.92	Complies
2462	19.97	0.10	29.63	0.92	Complies

Test Mode :TX B Mode_CH12_ANT1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2467	19.85	0.10	29.63	0.92	Complies

Test Mode :TX B Mode_CH13_ANT1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2472	16.76	0.05	29.63	0.92	Complies

Test Mode :TX B Mode_CH01/06/11_ANT2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	19.95	0.10	29.63	0.92	Complies
2437	23.07	0.20	29.63	0.92	Complies
2462	19.85	0.10	29.63	0.92	Complies

Test Mode :TX B Mode_CH12_ANT2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2467	19.51	0.09	29.63	0.92	Complies

Test Mode :TX B Mode_CH13_ANT2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2472	16.19	0.04	29.63	0.92	Complies

Test Mode :TX G Mode_CH01/06/11_ANT1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	23.10	0.20	29.63	0.92	Complies
2437	25.05	0.32	29.63	0.92	Complies
2462	24.25	0.27	29.63	0.92	Complies

Test Mode :TX G Mode_CH12_ANT1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2467	24.19	0.26	29.63	0.92	Complies

Test Mode :TX G Mode_CH13_ANT1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2472	17.19	0.05	29.63	0.92	Complies

Test Mode :TX G Mode_CH01/06/11_ANT2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.21	0.26	29.63	0.92	Complies
2437	26.05	0.40	29.63	0.92	Complies
2462	24.67	0.29	29.63	0.92	Complies

Test Mode :TX G Mode_CH12_ANT2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2467	24.54	0.28	29.63	0.92	Complies

Test Mode :TX G Mode_CH13_ANT2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2472	17.78	0.06	29.63	0.92	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	22.95	0.20	29.63	0.92	Complies
2437	24.92	0.31	29.63	0.92	Complies
2462	23.66	0.23	29.63	0.92	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	23.46	0.22	29.63	0.92	Complies
2437	25.90	0.39	29.63	0.92	Complies
2462	23.97	0.25	29.63	0.92	Complies

Test Mode :TX N20 Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	26.22	0.42	30.00	1.00	Complies
2437	28.45	0.70	30.00	1.00	Complies
2462	26.83	0.48	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH12_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2467	23.51	0.22	29.63	0.92	Complies

Test Mode :TX N20 Mode_CH12_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2467	23.64	0.23	29.63	0.92	Complies

Test Mode :TX N20 Mode_CH12_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2467	26.59	0.46	29.63	0.92	Complies

Test Mode :TX N20 Mode_CH13_ ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2472	19.02	0.08	29.63	0.92	Complies

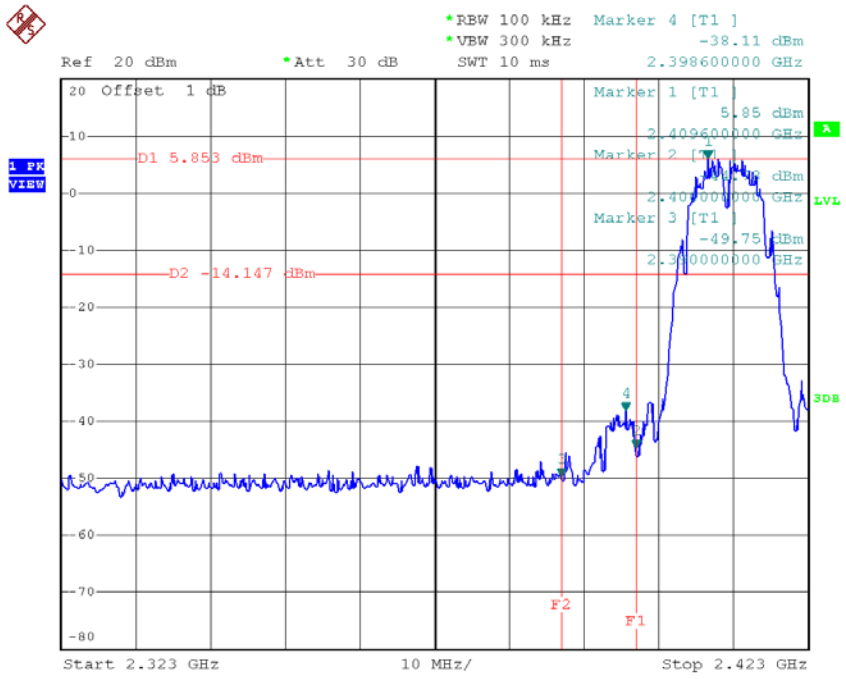
Test Mode :TX N20 Mode_CH13_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2472	17.32	0.05	29.63	0.92	Complies

Test Mode :TX N20 Mode_CH13_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2472	21.26	0.13	29.63	0.92	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

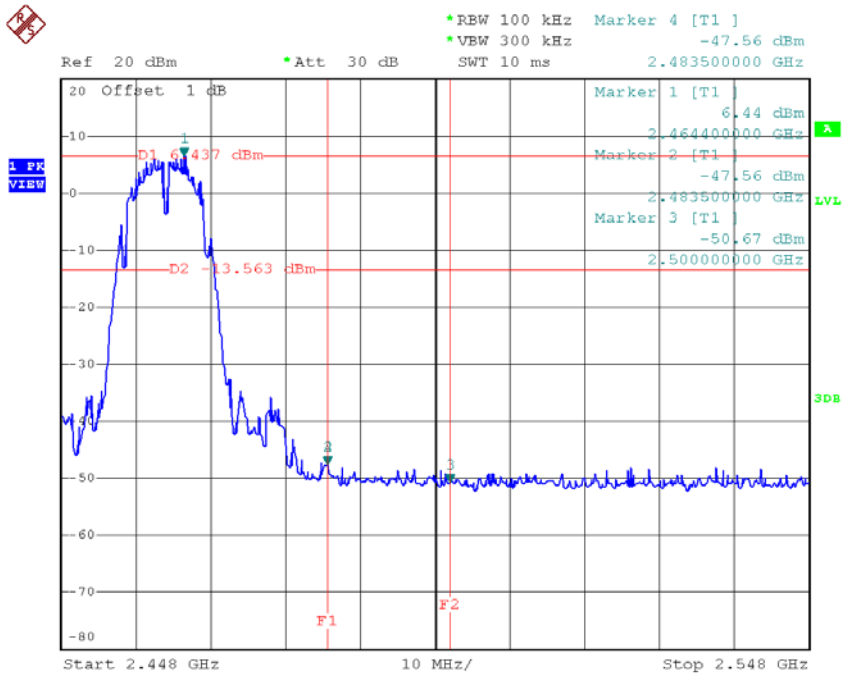
Test Mode :	TX B Mode_ANT1

TX B mode CH01



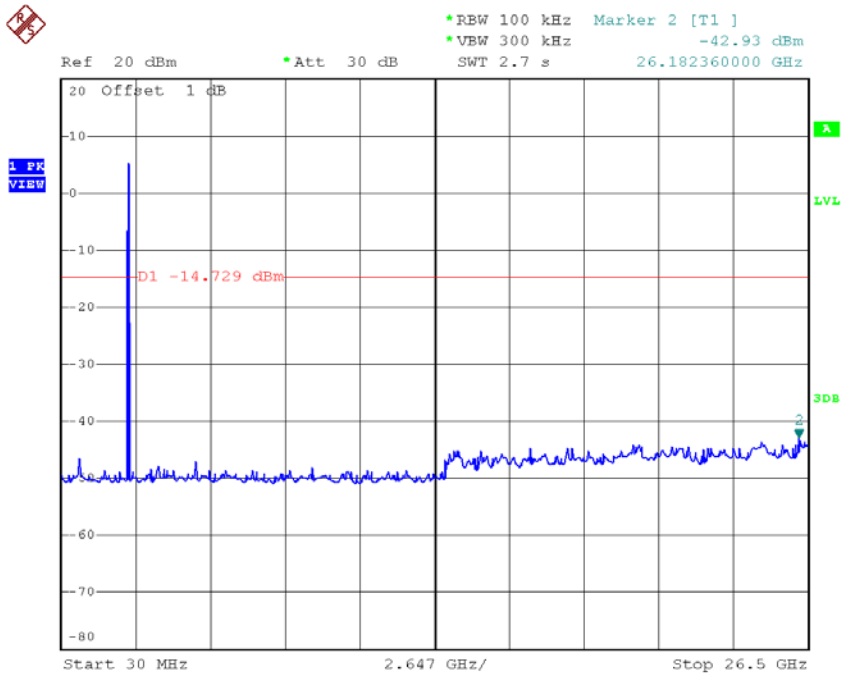
Date: 11.MAY.2016 10:28:47

TX B mode CH11



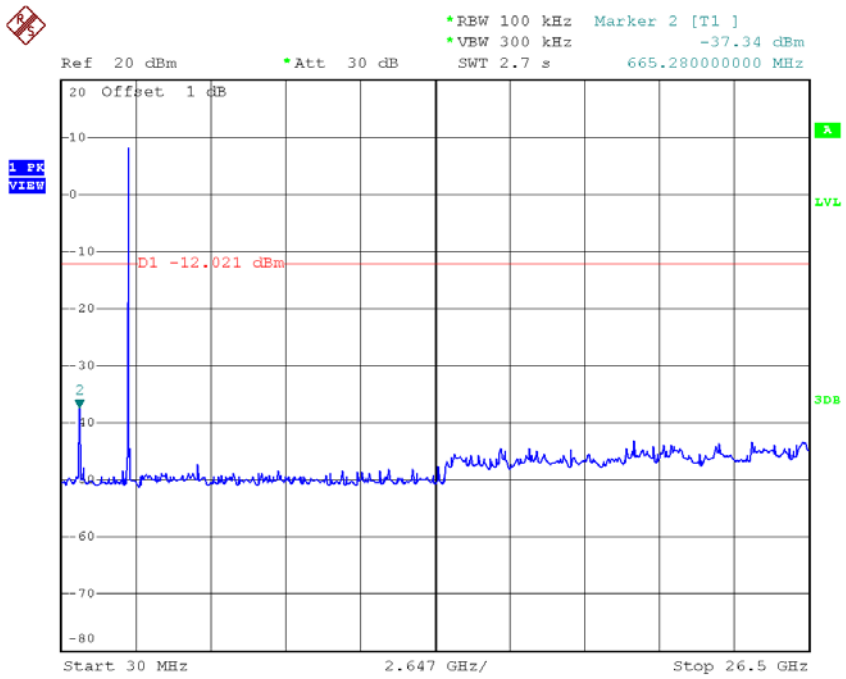
Date: 11.MAY.2016 10:33:37

TX B mode CH01 (10 Harmonic of the frequency)



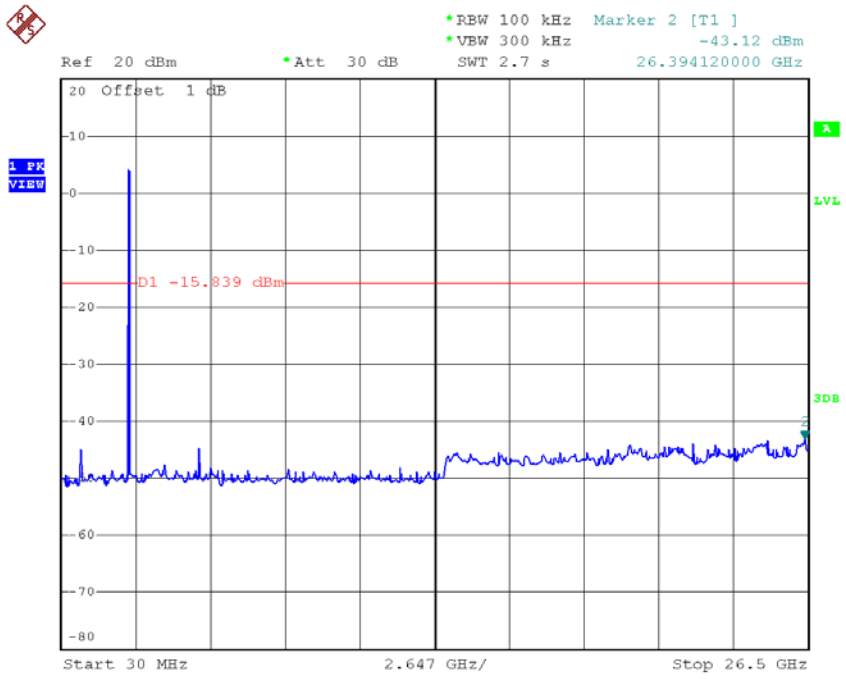
Date: 11.MAY.2016 10:28:39

TX B mode CH06 (10 Harmonic of the frequency)



Date: 11.MAY.2016 10:31:15

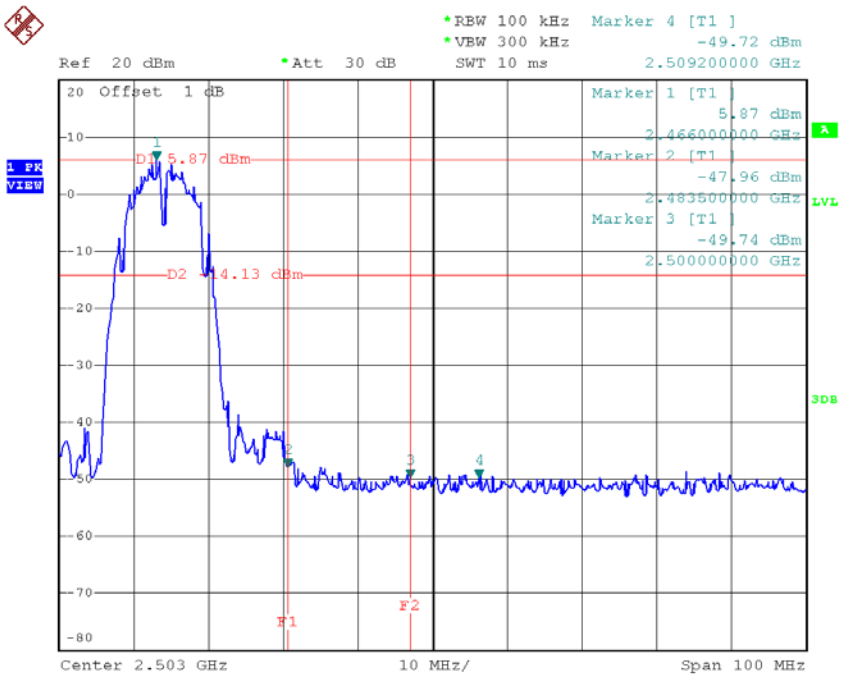
TX B mode CH11 (10 Harmonic of the frequency)



Date: 11.MAY.2016 10:33:29

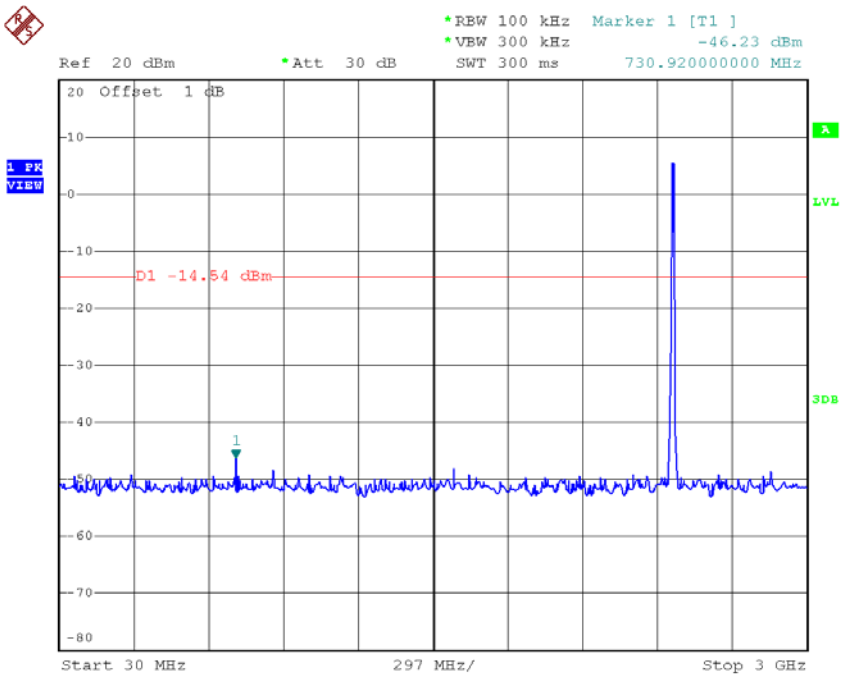
Test Mode :	TX B Mode_ANT1

TX B mode CH12



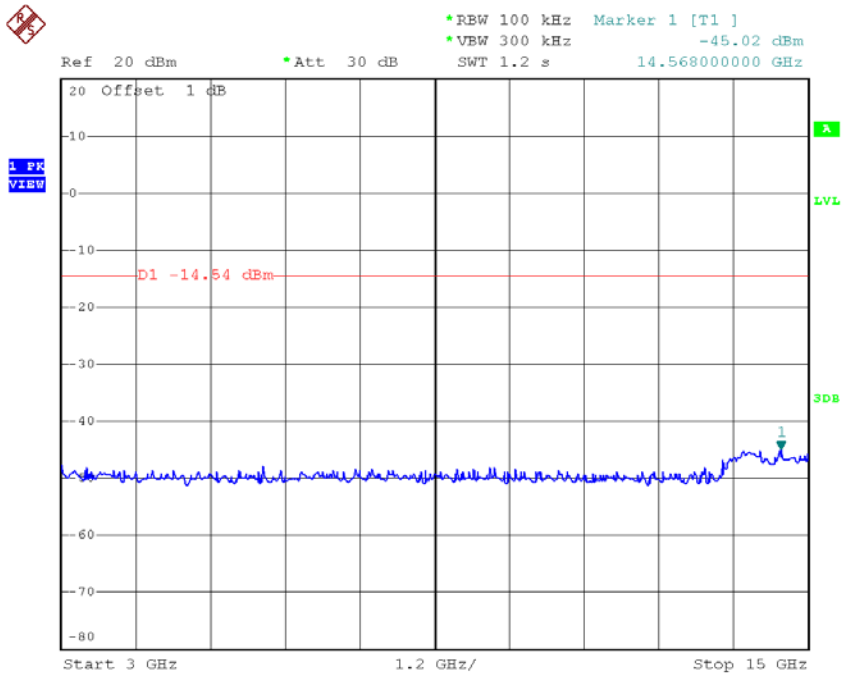
Date: 20.JUL.2016 16:47:23

TX B mode CH12 (10 Harmonic of the frequency)_1



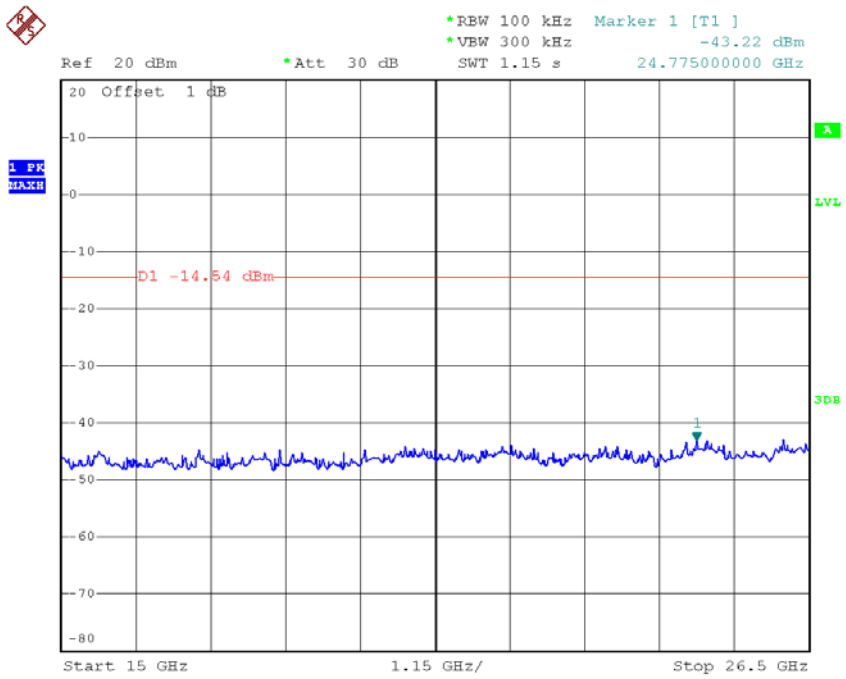
Date: 20.JUL.2016 15:16:06

TX B mode CH12 (10 Harmonic of the frequency) _2



Date: 20.JUL.2016 15:17:02

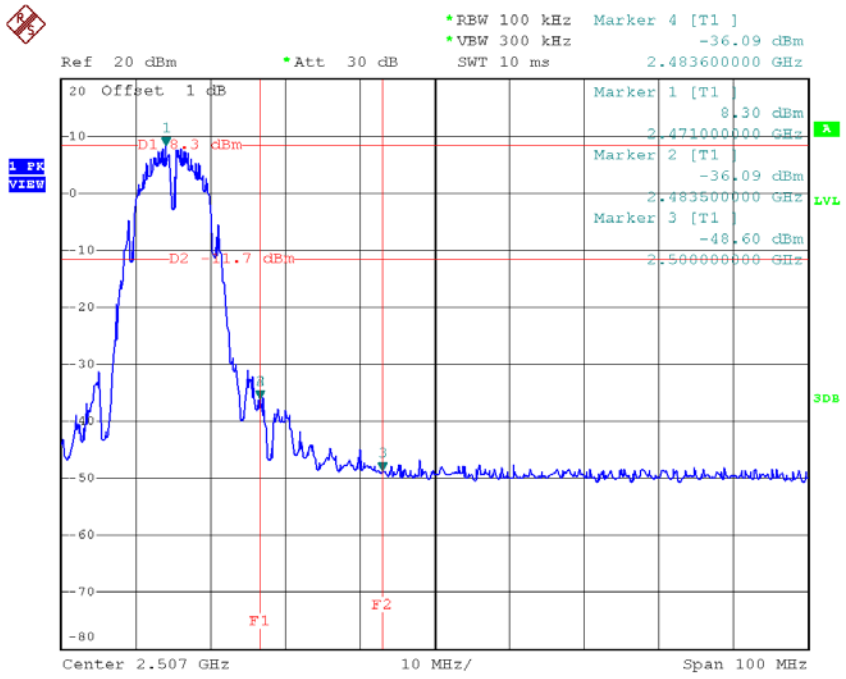
TX B mode CH12 (10 Harmonic of the frequency) _3



Date: 20.JUL.2016 15:17:36

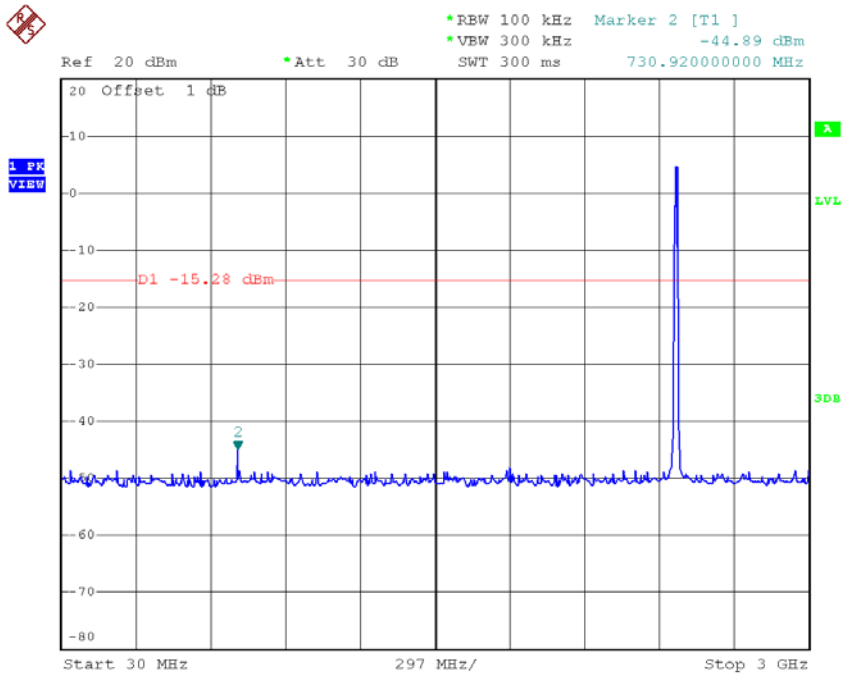
Test Mode :	TX B Mode_ANT1

TX B mode CH13



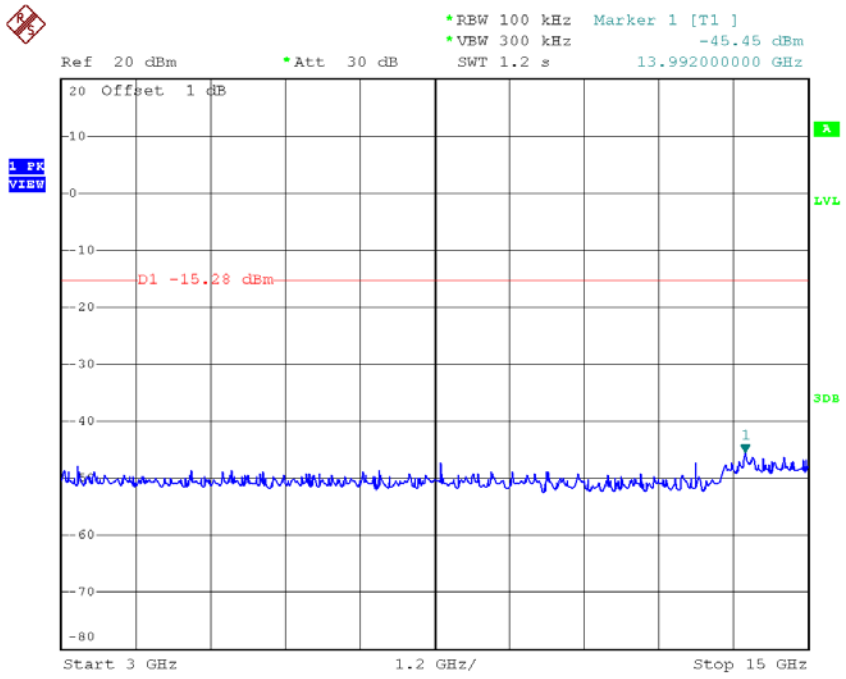
Date: 1.JUL.2016 18:22:37

TX B mode CH13 (10 Harmonic of the frequency)_1



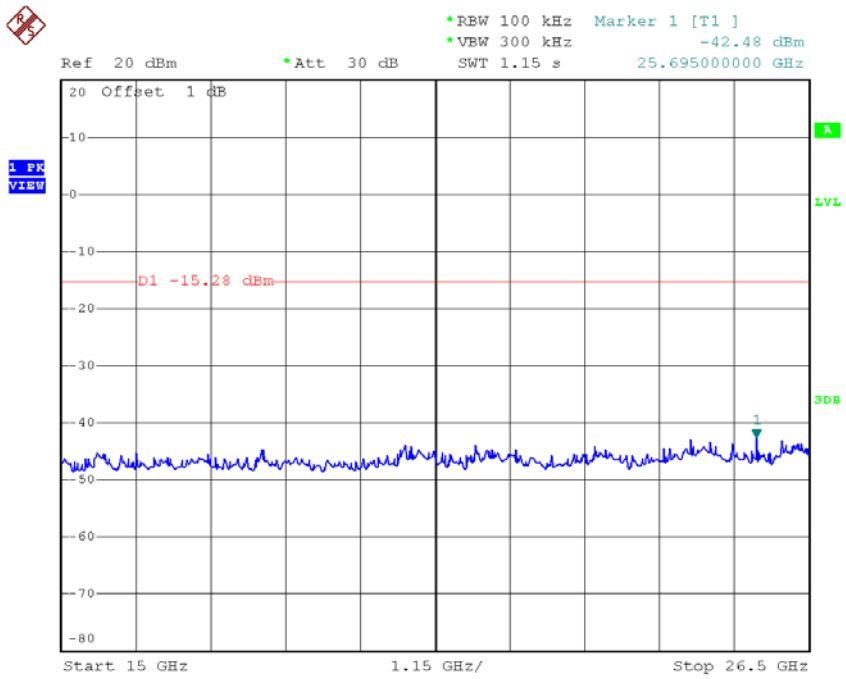
Date: 1.JUL.2016 18:10:27

TX B mode CH13 (10 Harmonic of the frequency) _2



Date: 1.JUL.2016 18:10:36

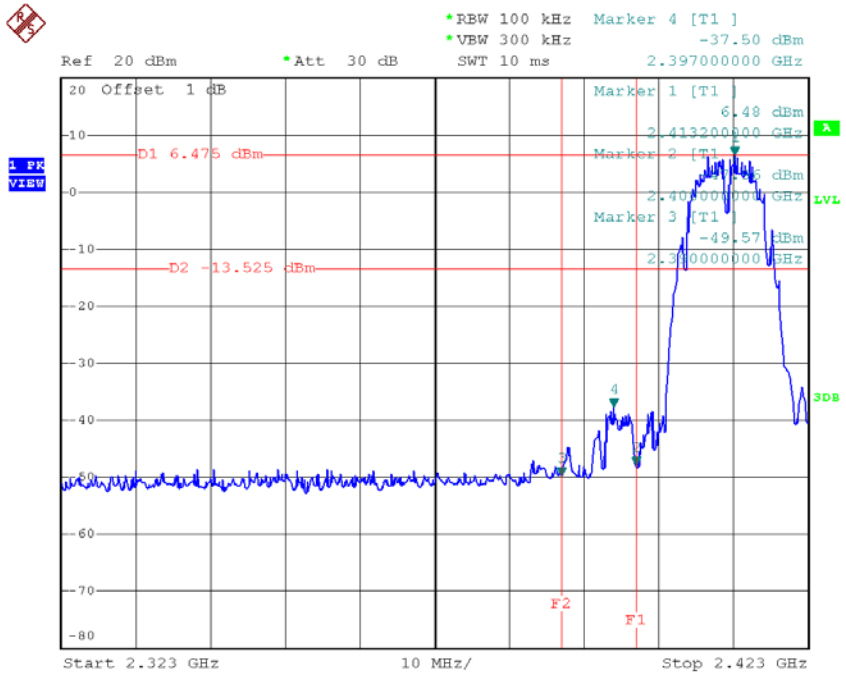
TX B mode CH13 (10 Harmonic of the frequency) _3



Date: 1.JUL.2016 18:10:44

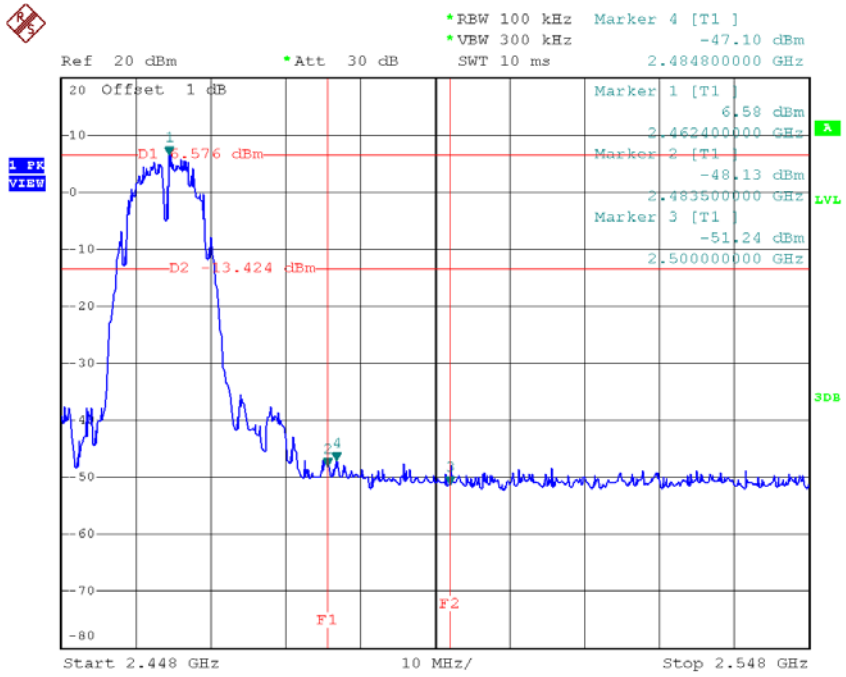
Test Mode :	TX B Mode_ANT2

TX B mode CH01



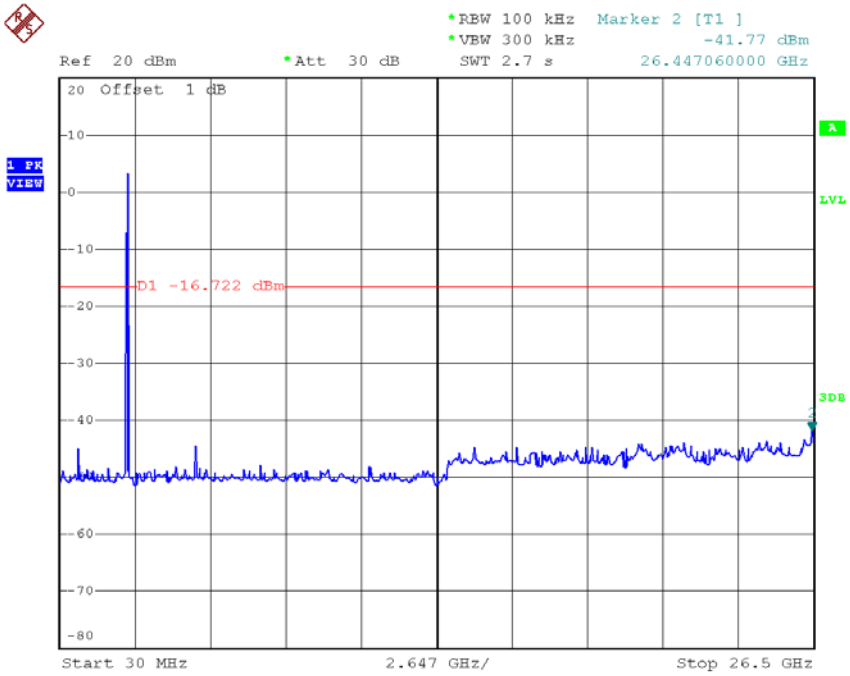
Date: 18.JUN.2016 14:39:06

TX B mode CH11



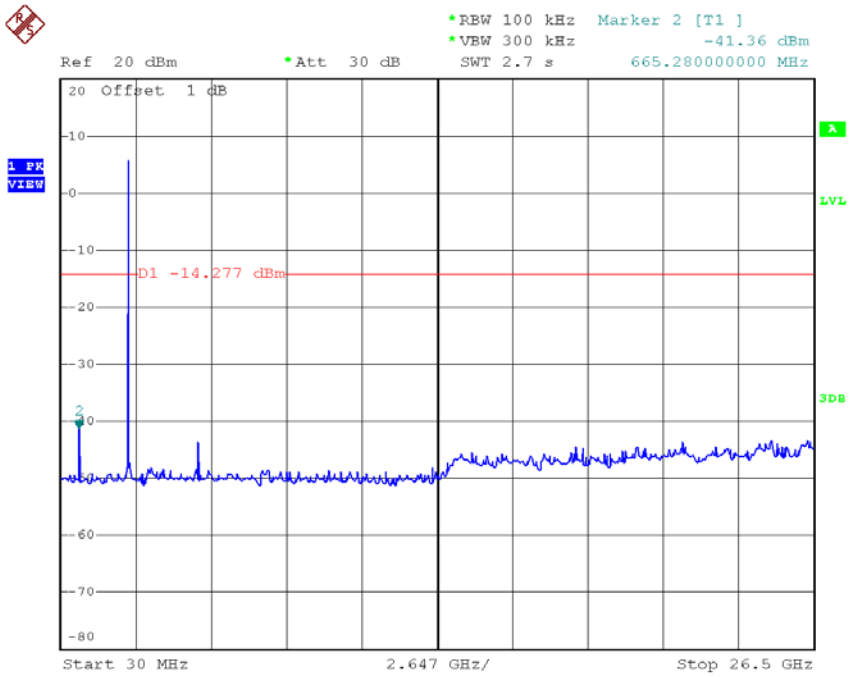
Date: 18.JUN.2016 14:42:26

TX B mode CH01 (10 Harmonic of the frequency)



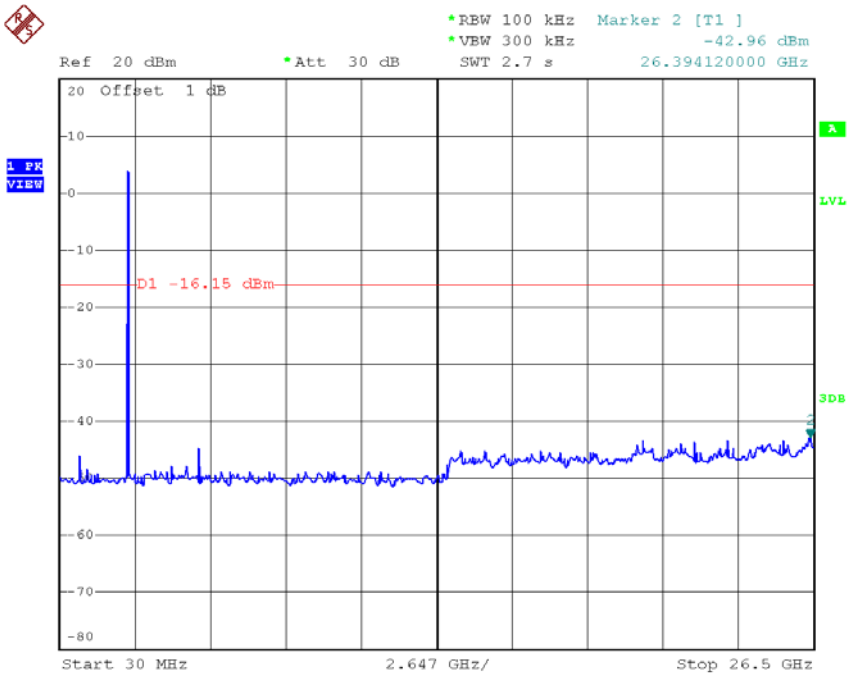
Date: 18.JUN.2016 14:38:58

TX B mode CH06 (10 Harmonic of the frequency)



Date: 18.JUN.2016 14:40:31

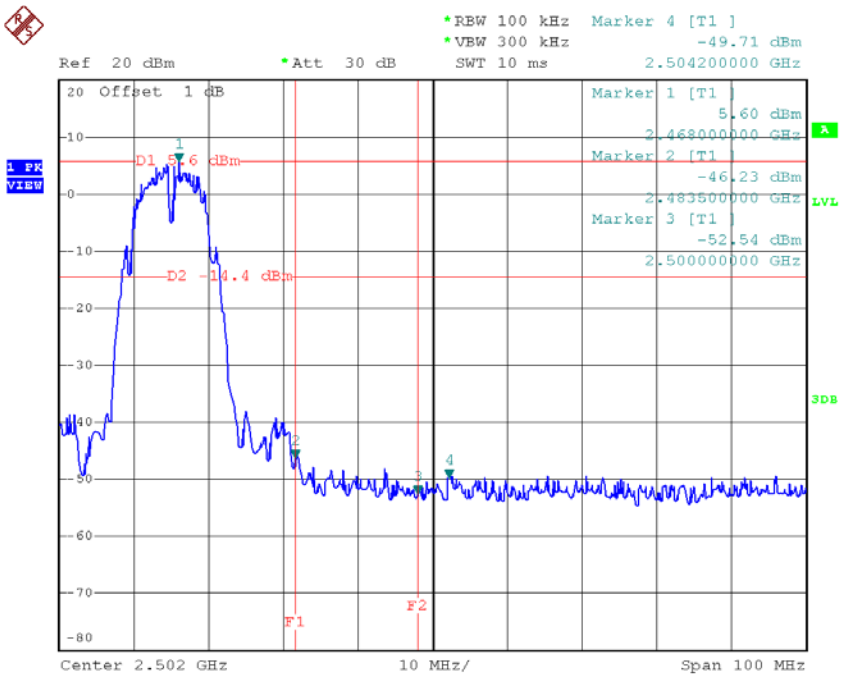
TX B mode CH11 (10 Harmonic of the frequency)



Date: 18.JUN.2016 14:42:19

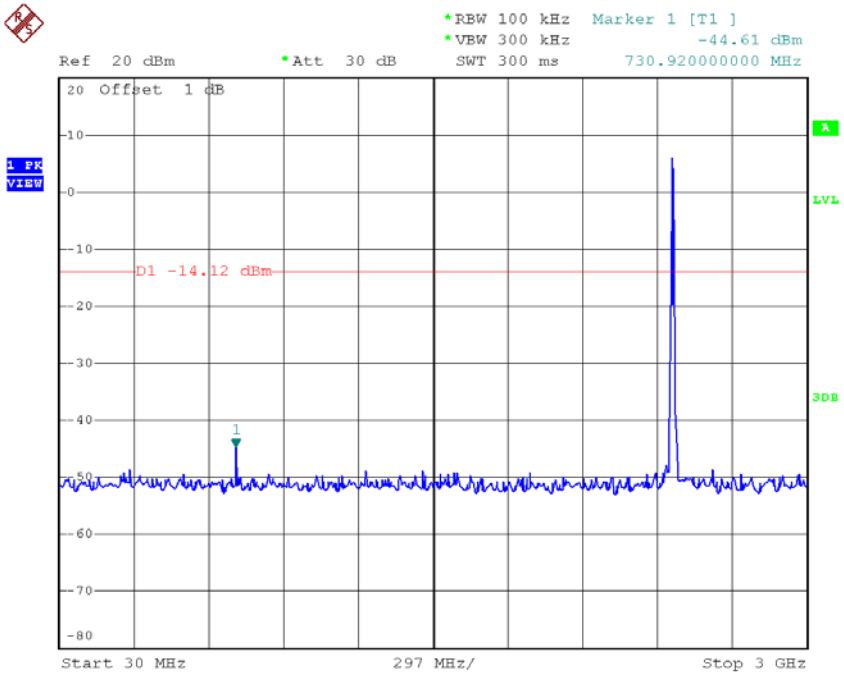
Test Mode :	TX B Mode_ANT2

TX B mode CH12



Date: 20.JUL.2016 16:17:54

TX B mode CH12 (10 Harmonic of the frequency)_1



Date: 20.JUL.2016 16:03:52