FCC Radio Test Report

FCC ID: V7TU1DET

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

Project No.	:	1602C001
Equipment	:	300Mbps High Gain Wireless USB Adapter
Model Name	:	U1
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Date of Receipt	:	Feb. 01, 2016
Date of Test	:	Feb. 01, 2016 ~ Mar. 23, 2016
Issued Date	:	Mar. 23, 2016
Tested by	:	BTL Inc.

Testing Engineer : Shawn xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(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).

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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-1-1602C001	Original Issue.	Mar. 23, 2016

1. CERTIFICATION

Equipment	:	300Mbps High Gain Wireless USB Adapter
Brand Name	:	Tenda
Model Name	:	U1
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Manufacturer	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Date of Test	:	Feb. 01, 2016 ~ Mar. 23, 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-1-1602C001) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C			
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6dB Bandwidth	PASS	
15.247(b)(3)	Peak Output Power	PASS	
15.247(e)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	
15.209/15.205	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	300Mbps High Gain Wireless USB Adapter	
Brand Name	Tenda	
Model Name	U1	
Model Difference	NA	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps
	AVG Output Power (Max.)	802.11b: 9.71dBm 802.11g: 9.72dBm 802.11n(20MHz): 9.68dBm 802.11n(40MHz): 9.74dBm
Power Source	Supplied from PC USB port.	
Power Rating	DC 5V	

Note:

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

2. Channel List:

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

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	monopole	R-SMA	2.95	TX/RX
2	N/A	N/A	PIFA	N/A	2.83	TX/RX

In accordance with method of KDB662911 D01v02r01 and KDB 662911 D02v01:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated.

(2) For IEEE 802.11b/g mode (1TX/1RX):

The EUT supports the antenna with TX and RX diversity functions.

Both Ant. 1 and Ant. 2 support transmit and receive functions, but only one of them will be used at one time.

The Ant. 1 generated the worst case, so it was selected to test and record in the report.

For IEEE 802.11n mode (2TX/2RX):

Both Ant. 1 and Ant. 2 can be used as transmitting/receiving antenna.

Ant. 1 and Ant. 2 could both transmit/receive simultaneously.

(3) Antenna Requirement:

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

The antenna type used in this EUT is internal printed PIFA and external monopole antenna with R-SMA connector and it is considered to meet the antenna requirement

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 5	Normal Link

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

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

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

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

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

Note: (1) The measurements are performed at the high, middle, low available channels.

(2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (13Mbps)
802.11n HT40 mode : BPSK (27Mbps)
For radiated emission tests, the highest output powers were set for final test.

(3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.

(4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is greater than 98%.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	MPTool		
Frequency (MHz)	2412	2437	2462
802.11b	23	22	20
802.11g	31	30	31
802.11n (20MHz)	28	28	28
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	29	29	30

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	Notebook	DELL	INSPIRON 1420	DOC	JX193A01SDC2

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

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 -0.5	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

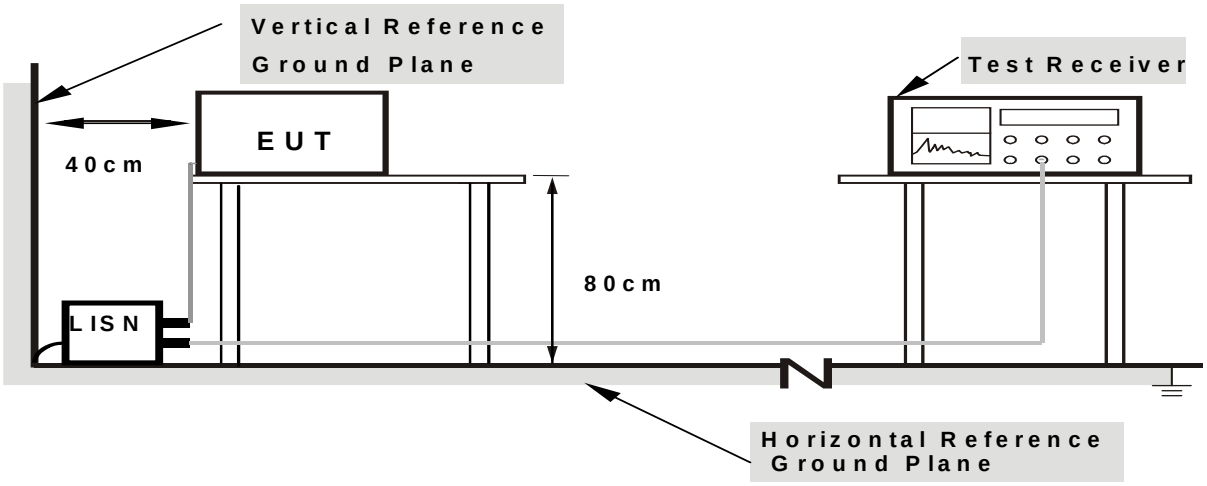
4.1.2 TEST PROCEDURE

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 software (V0.12.0.12) and firmware (V1.2) provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.1.6 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 60% 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.

(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

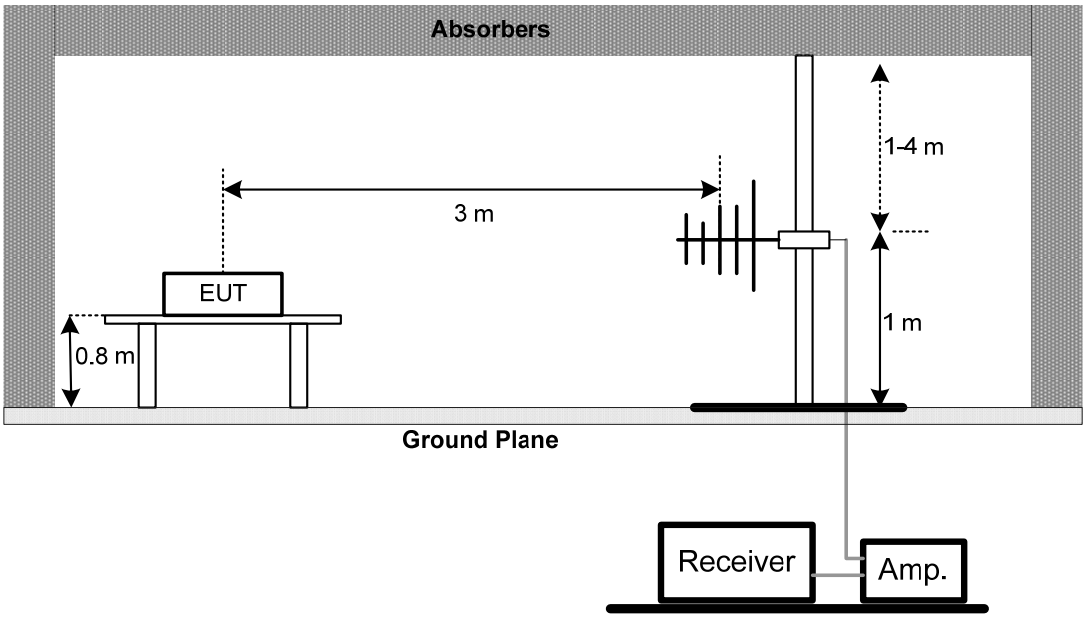
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

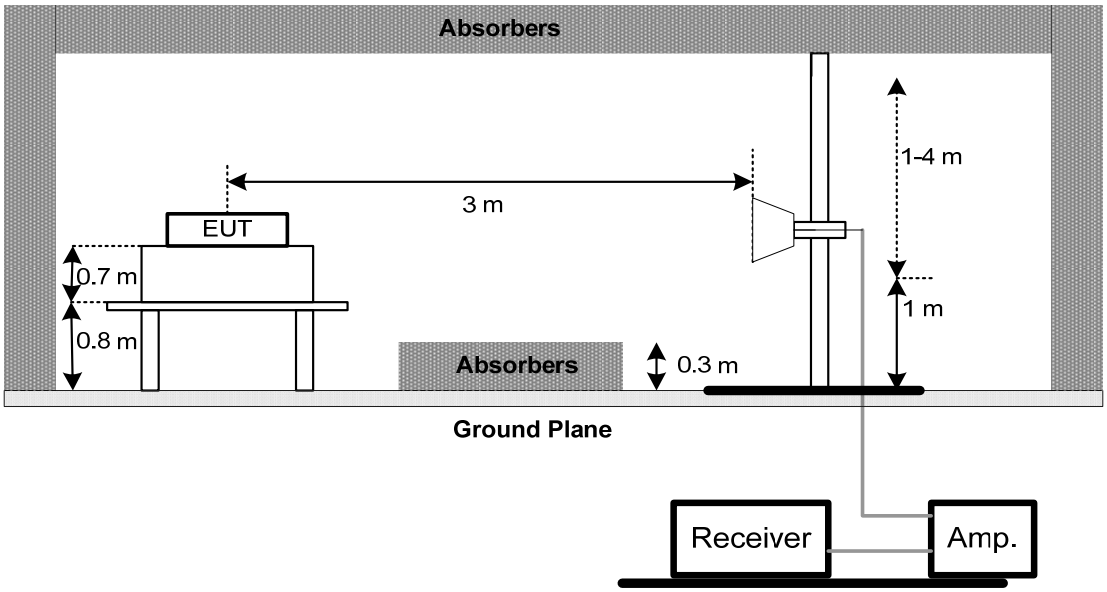
No deviation

4.2.4 TEST SETUP

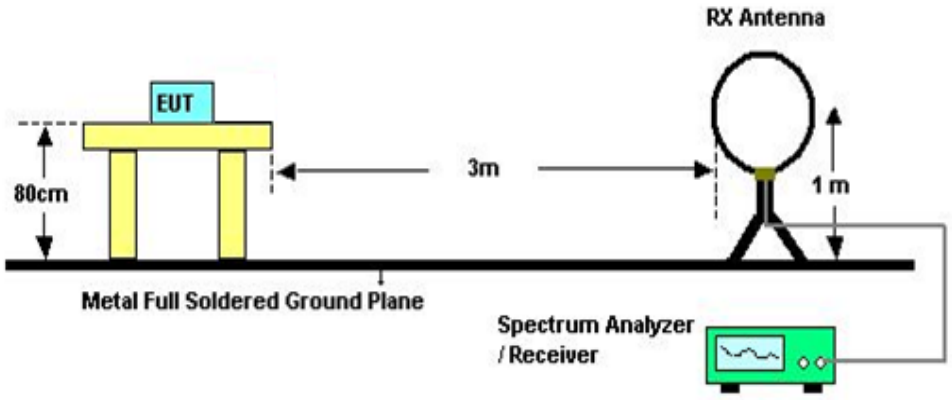
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.2.6 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 60% Test Voltage: DC 5V

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

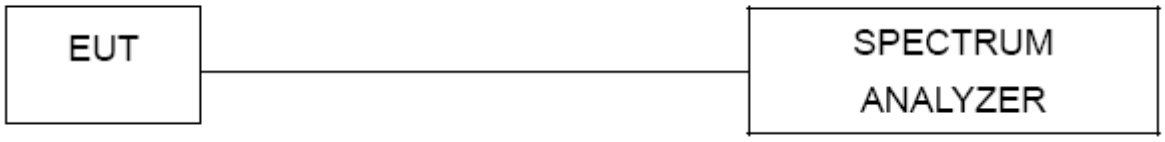
5.1.1 TEST PROCEDURE

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 software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

5.1.5 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 60% Test Voltage: DC 5V

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

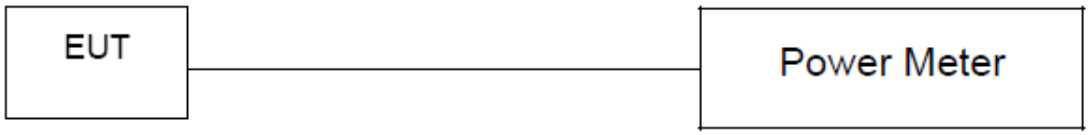
6.1.1 TEST PROCEDURE

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 v03r04.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

6.1.5 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 60% Test Voltage: DC 5V

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.

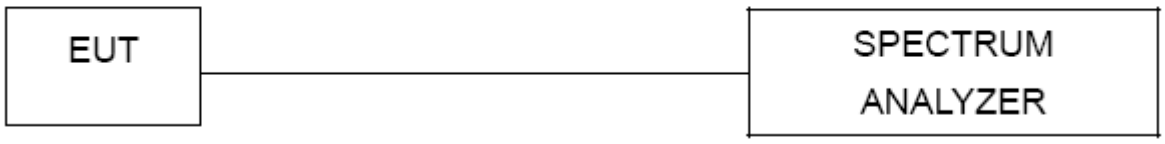
7.1.1 TEST PROCEDURE

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 software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

7.1.5 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 60% Test Voltage: DC 5V

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 software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

8.1.5 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 60% Test Voltage: DC 5V

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	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	emci	RG223(9KHz -30MHz)	C_17	Mar. 12, 2017
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
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. 28, 2016
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. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 28, 2016
7	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
8	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
9	Test Cable	emci	EMC104-SM-SM-10000(1GHz-26.5GHz)	C-68	Jun. 28, 2016
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016
13	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	Mar. 28, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 28, 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

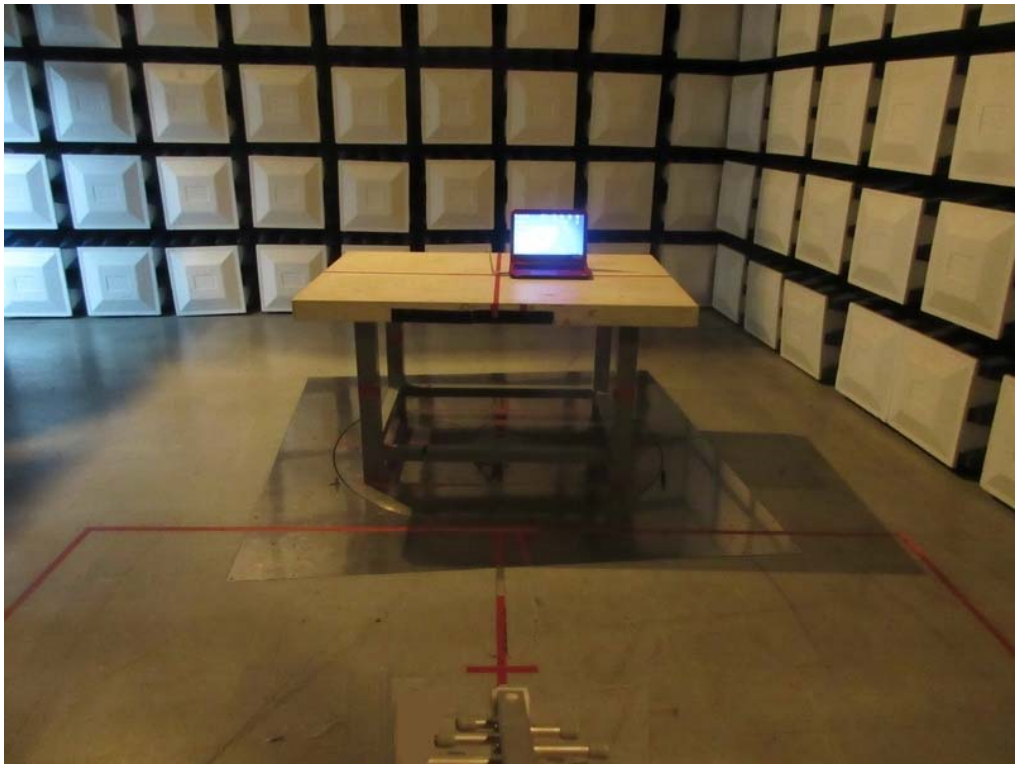
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

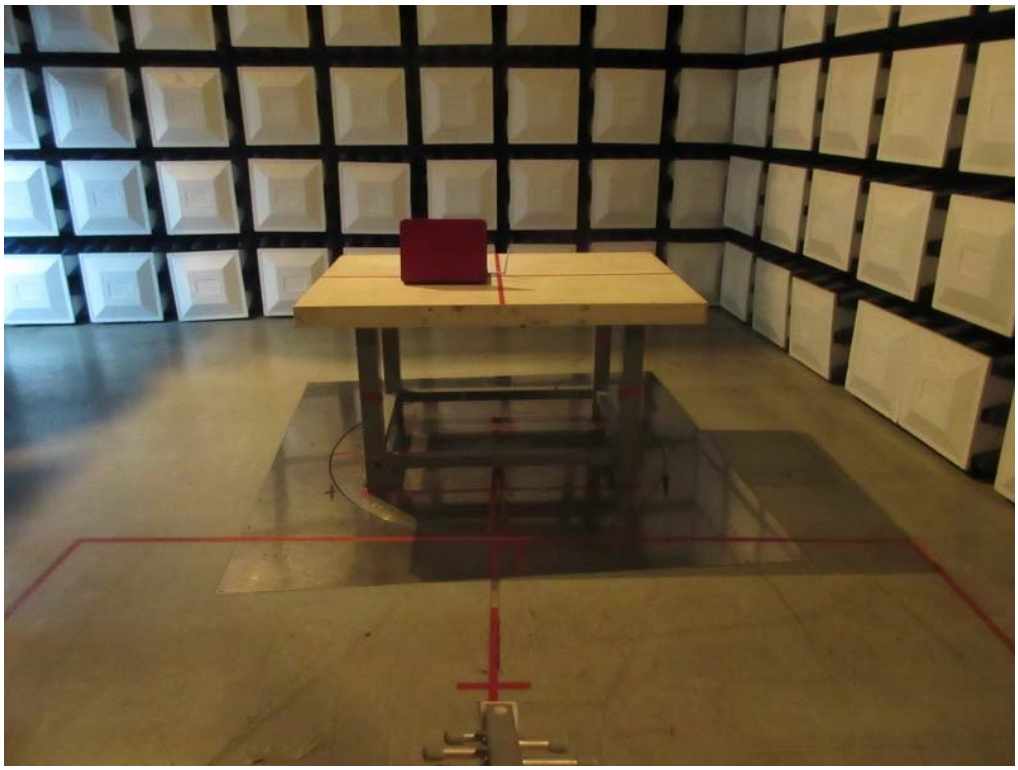
10. EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos
9KHz to 30MHz

Radiated Measurement Photos
30MHz to 1000MHz



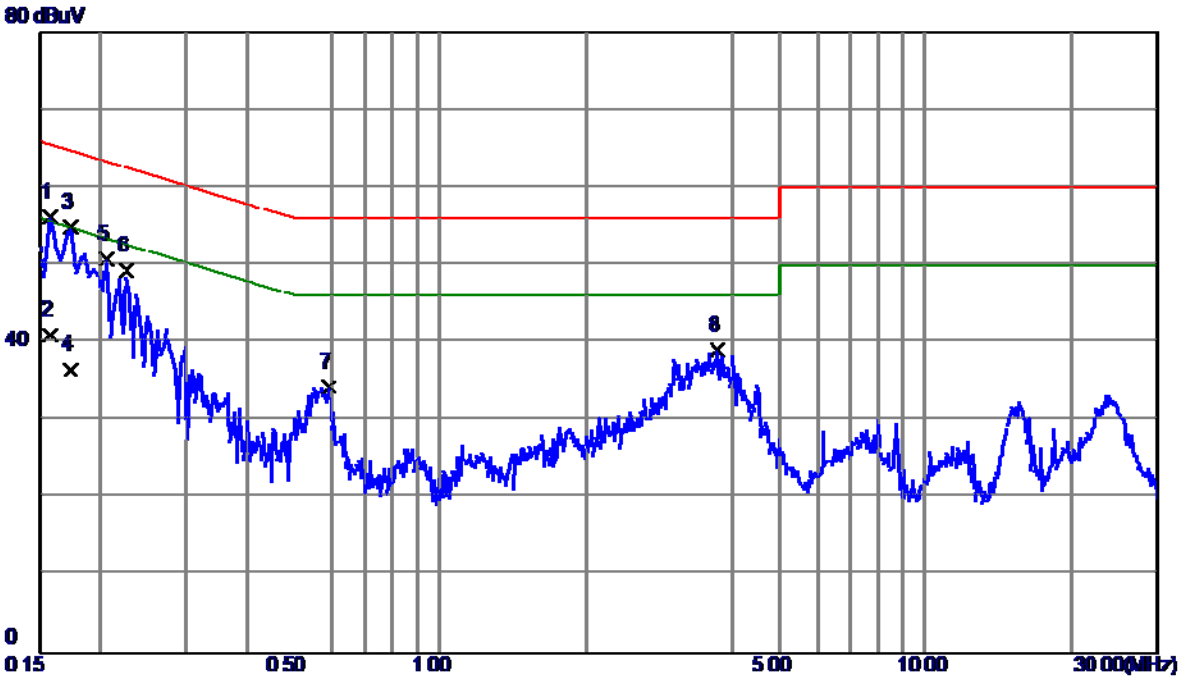


Radiated Measurement Photos
Above 1000MHz

ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	Normal Link

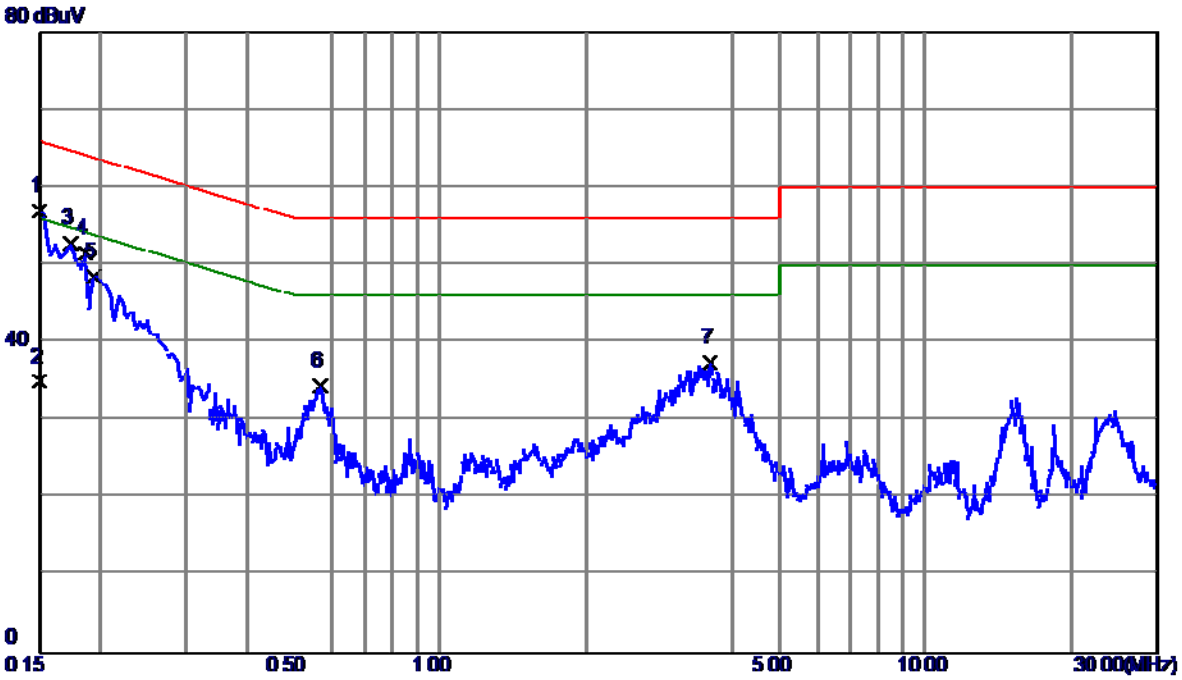
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1580	46.60	9.55	56.15	65.57	-9.42	Peak	
2	0.1580	31.43	9.55	40.98	55.57	-14.59	AVG	
3	0.1740	45.31	9.56	54.87	64.77	-9.90	Peak	
4	0.1740	26.95	9.56	36.51	54.77	18.26	AVG	
5	0.2060	41.09	9.57	50.66	63.37	-12.71	Peak	
6	0.2260	39.64	9.59	49.23	62.60	-13.37	Peak	
7	0.5899	24.47	9.71	34.18	56.00	-21.82	Peak	
8	3.7220	29.12	9.99	39.11	56.00	-16.89	Peak	

Test Mode :	Normal Link

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	47.45	9.49	56.94	66.00	-9.06	Peak	
2	0.1500	25.47	9.49	34.96	56.00	-21.04	AVG	
3	0.1740	43.29	9.48	52.77	64.77	-12.00	Peak	
4	0.1860	42.10	9.49	51.59	64.21	12.62	Peak	
5	0.1940	39.03	9.50	48.53	63.86	-15.33	Peak	
6	0.5660	24.80	9.56	34.36	56.00	-21.64	Peak	
7	3.6060	27.57	9.88	37.45	56.00	-18.55	Peak	

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

Test Mode:	TX B MODE CHANNEL 01

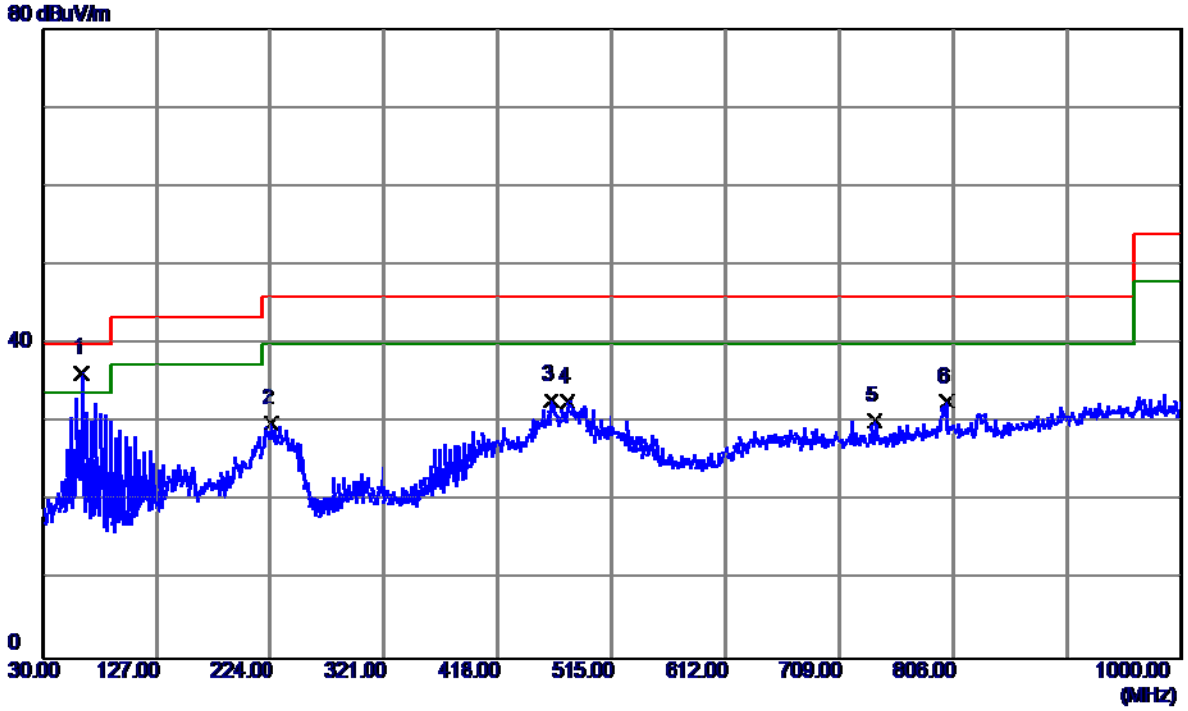
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0119	0°	12.33	24.8130	37.1430	126.0933	-88.9503	AVG
0.0119	0°	14.56	24.8130	39.3730	146.0933	-106.7203	PEAK
0.0246	0°	6.07	24.0087	30.0787	119.7855	-89.7069	AVG
0.0246	0°	8.12	24.0087	32.1287	139.7855	-107.6569	PEAK
0.0352	0°	3.16	23.3373	26.4973	116.6734	-90.1760	AVG
0.0352	0°	5.33	23.3373	28.6673	136.6734	-108.0060	PEAK
0.0538	0°	1.62	22.3240	23.9440	112.9886	-89.0446	AVG
0.0538	0°	2.73	22.3240	25.0540	132.9886	-107.9346	PEAK
0.5031	0°	19.45	19.8099	39.2599	73.5711	-34.3112	QP
1.9511	0°	23.32	19.5049	42.8249	69.5400	-26.7151	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0127	90°	13.32	24.3000	37.6200	125.5282	-87.9082	AVG
0.0127	90°	14.73	24.3000	39.0300	145.5282	-106.4982	PEAK
0.0258	90°	7.17	23.9327	31.1027	119.3718	-88.2692	AVG
0.0258	90°	8.67	23.9327	32.6027	139.3718	-106.7692	PEAK
0.0437	90°	5.33	22.7990	28.1290	114.7946	-86.6656	AVG
0.0437	90°	6.38	22.7990	29.1790	134.7946	-105.6156	PEAK
0.0529	90°	1.59	22.3420	23.9320	113.1351	-89.2031	AVG
0.0529	90°	2.37	22.3420	24.7120	133.1351	-108.4231	PEAK
0.6265	90°	22.43	20.2048	42.6348	71.6658	-29.0310	QP
2.0552	90°	24.26	19.4669	43.7269	69.5400	-25.8131	QP

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

Test Mode:	TX B MODE CHANNEL 01

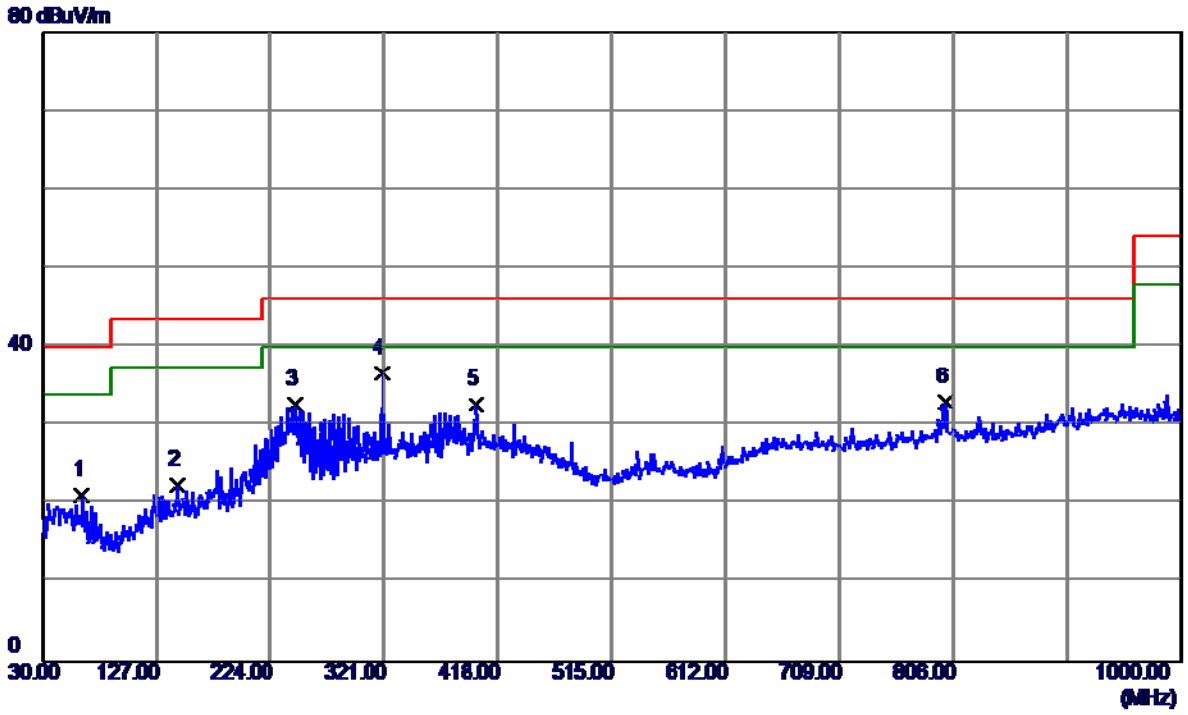
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	50.26	-13.96	36.30	40.00	-3.70	Peak	
2	224.9700	43.03	-13.08	29.95	46.00	-16.05	Peak	
3	463.5900	39.18	-6.30	32.88	46.00	-13.12	Peak	
4	477.1700	39.41	-6.71	32.70	46.00	-13.30	Peak	
5	739.0700	31.62	-1.43	30.19	46.00	-15.81	Peak	
6	800.1800	32.53	0.16	32.69	46.00	-13.31	Peak	

Test Mode:	TX B MODE CHANNEL 01

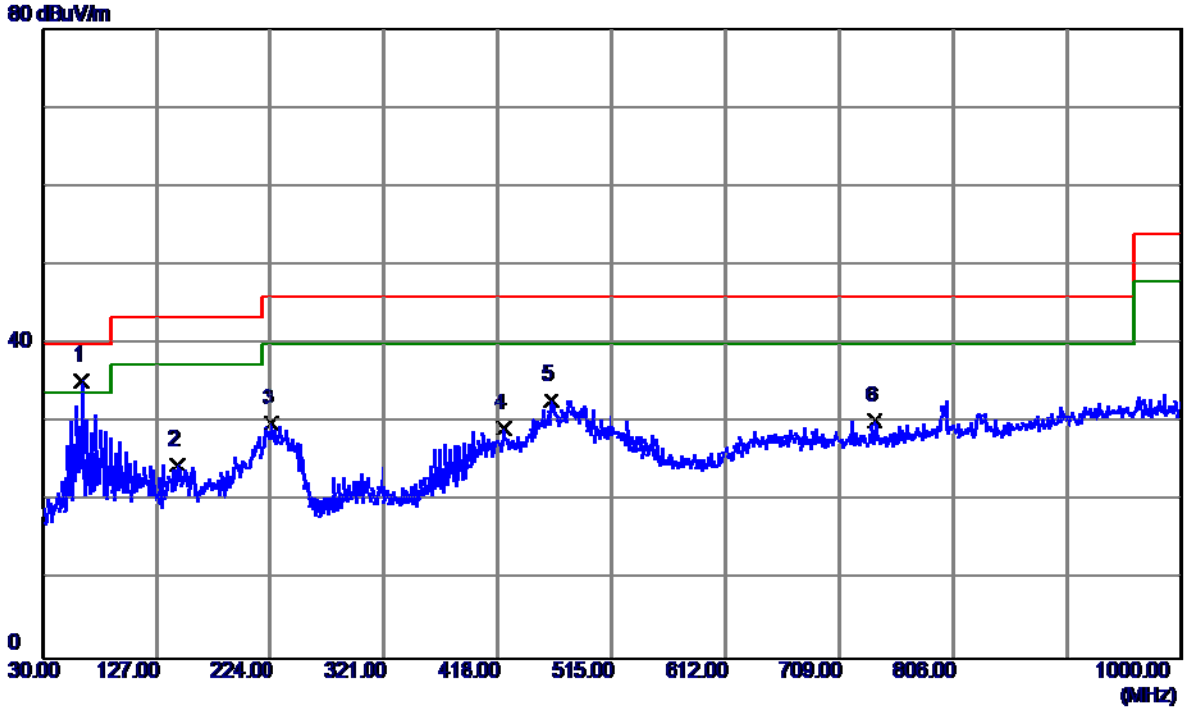
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	35.03	-13.96	21.07	40.00	-18.93	Peak	
2	145.4299	33.98	-11.58	22.40	43.50	-21.10	Peak	
3	245.3400	45.20	-12.54	32.66	46.00	-13.34	Peak	
4	320.0300	46.31	-9.72	36.59	46.00	-9.41	Peak	
5	399.5700	39.98	-7.29	32.69	46.00	-13.31	Peak	
6	799.2100	32.89	0.14	33.03	46.00	-12.97	Peak	

Test Mode:	TX B MODE CHANNEL 06

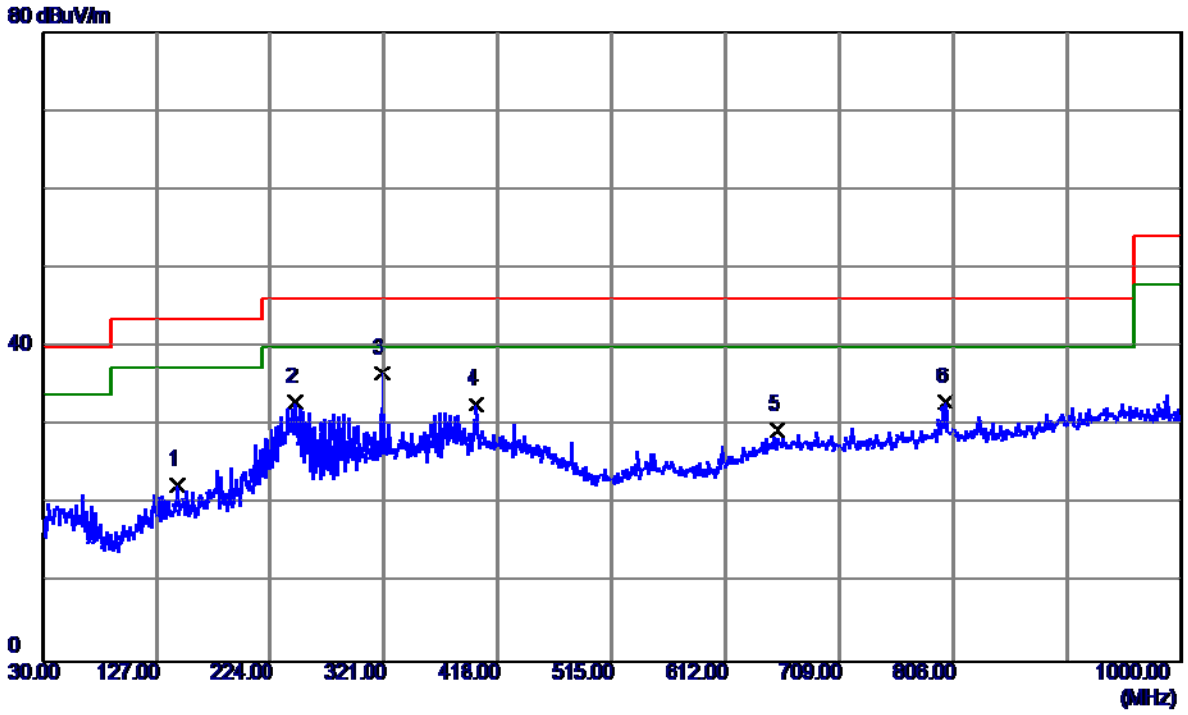
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	49.26	-13.96	35.30	40.00	-4.70	Peak	
2	145.4299	36.20	-11.58	24.62	43.50	-18.88	Peak	
3	224.9700	43.03	-13.08	29.95	46.00	-16.05	Peak	
4	422.8500	35.99	-6.64	29.35	46.00	-16.65	Peak	
5	463.5900	39.18	-6.30	32.88	46.00	-13.12	Peak	
6	739.0700	31.62	-1.43	30.19	46.00	-15.81	Peak	

Test Mode:	TX B MODE CHANNEL 06

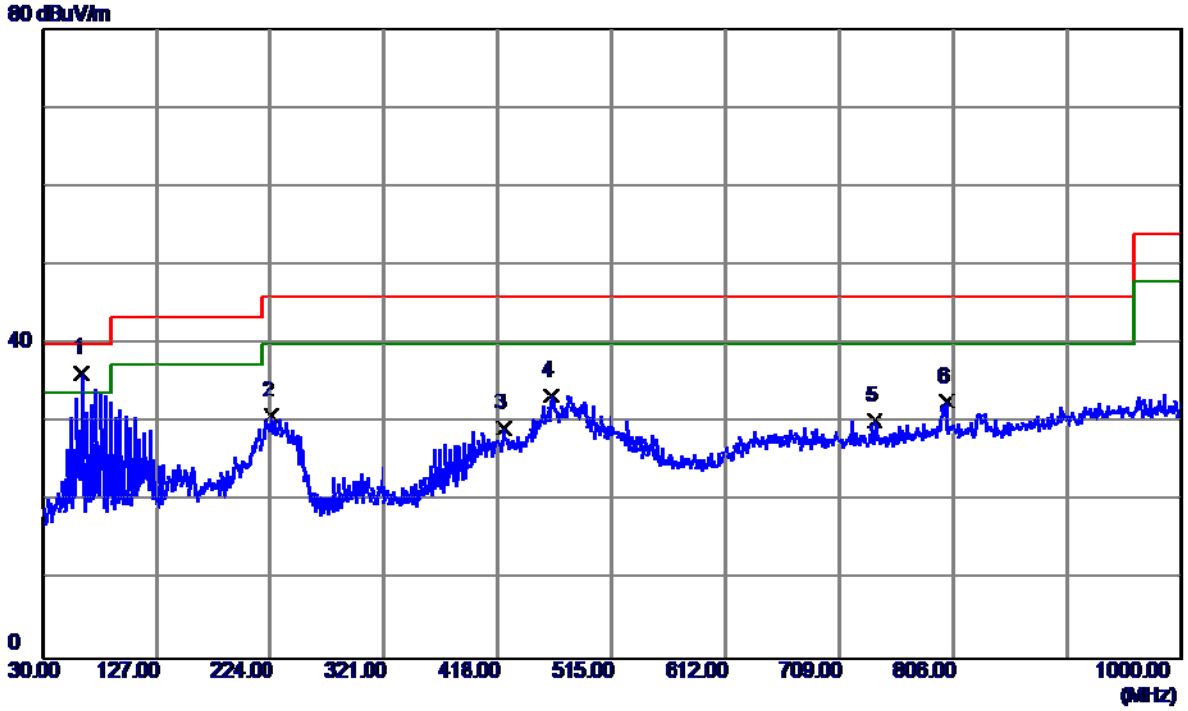
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	145.4350	33.98	-11.58	22.40	43.50	-21.10	Peak	
2	245.2700	45.55	-12.54	33.01	46.00	-12.99	Peak	
3	320.0300	46.42	-9.72	36.70	46.00	-9.30	Peak	
4	399.5700	39.98	-7.29	32.69	46.00	-13.31	Peak	
5	656.6200	31.07	-1.62	29.45	46.00	-16.55	Peak	
6	799.2100	32.89	0.14	33.03	46.00	-12.97	Peak	

Test Mode:	TX B MODE CHANNEL 11

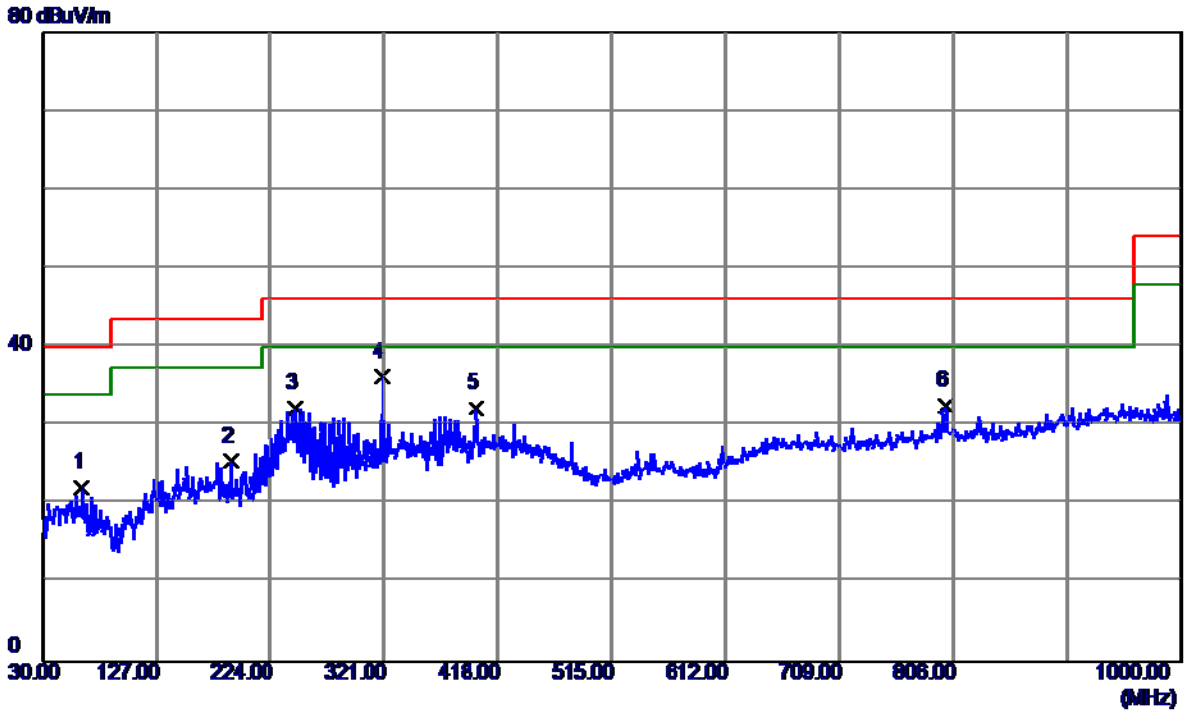
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	50.26	-13.96	36.30	40.00	-3.70	Peak	
2	224.9700	44.03	-13.08	30.95	46.00	-15.05	Peak	
3	422.8500	35.99	-6.64	29.35	46.00	-16.65	Peak	
4	463.5900	39.68	-6.30	33.38	46.00	-12.62	Peak	
5	739.0700	31.62	-1.43	30.19	46.00	-15.81	Peak	
6	800.1800	32.53	0.16	32.69	46.00	-13.31	Peak	

Test Mode:	TX B MODE CHANNEL 11

Horizontal

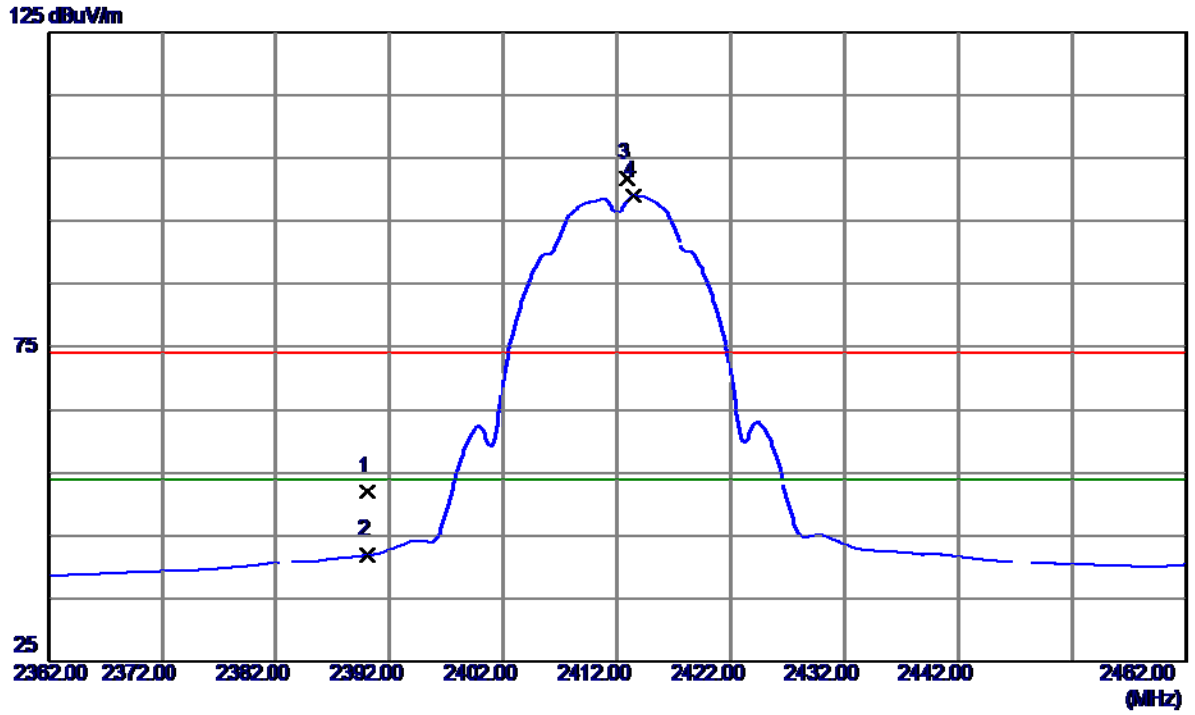


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	36.03	-13.96	22.07	40.00	-17.93	Peak	
2	190.0500	38.42	-12.99	25.43	43.50	-18.07	Peak	
3	245.3400	44.70	-12.54	32.16	46.00	-13.84	Peak	
4	320.0300	45.81	-9.72	36.09	46.00	-9.91	Peak	
5	399.5700	39.48	-7.29	32.19	46.00	-13.81	Peak	
6	799.2100	32.39	0.14	32.53	46.00	-13.47	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT 1

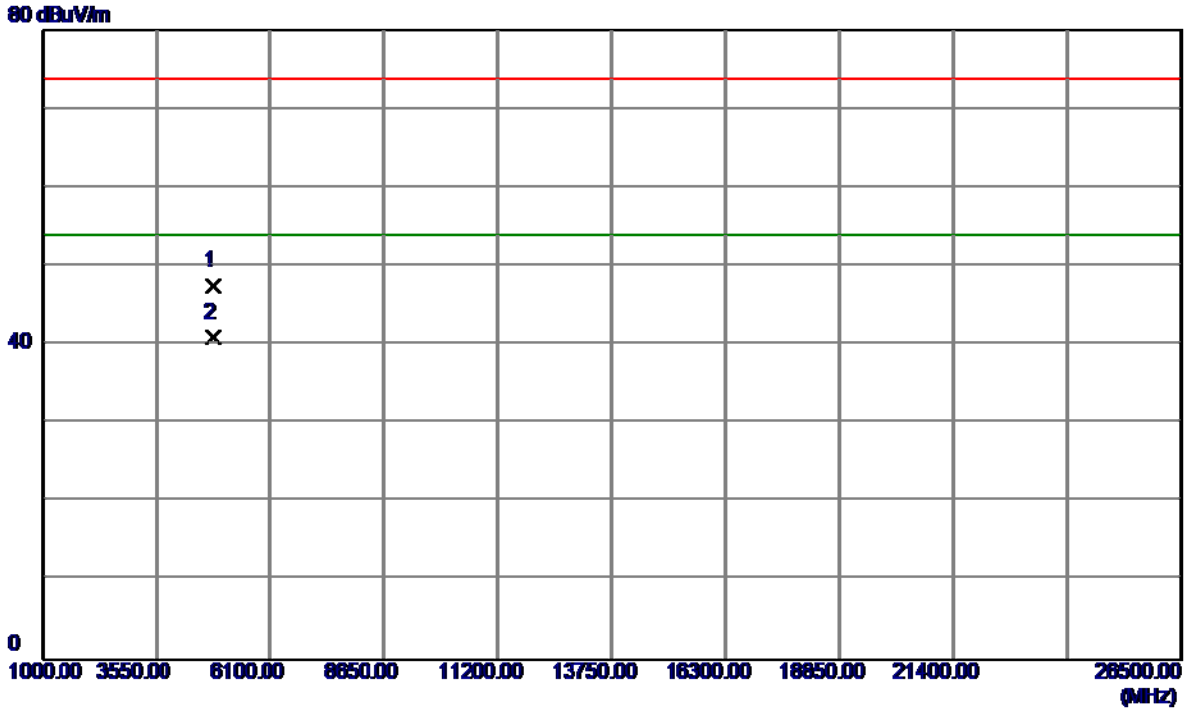
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	17.75	34.23	51.98	74.00	-22.02	Peak	
2	2390.0000	7.76	34.23	41.99	54.00	-12.01	AVG	
3	2412.9000	67.36	34.36	101.72	74.00	27.72	Peak	No Limit
4	2413.4000	64.54	34.37	98.91	54.00	44.91	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT 1

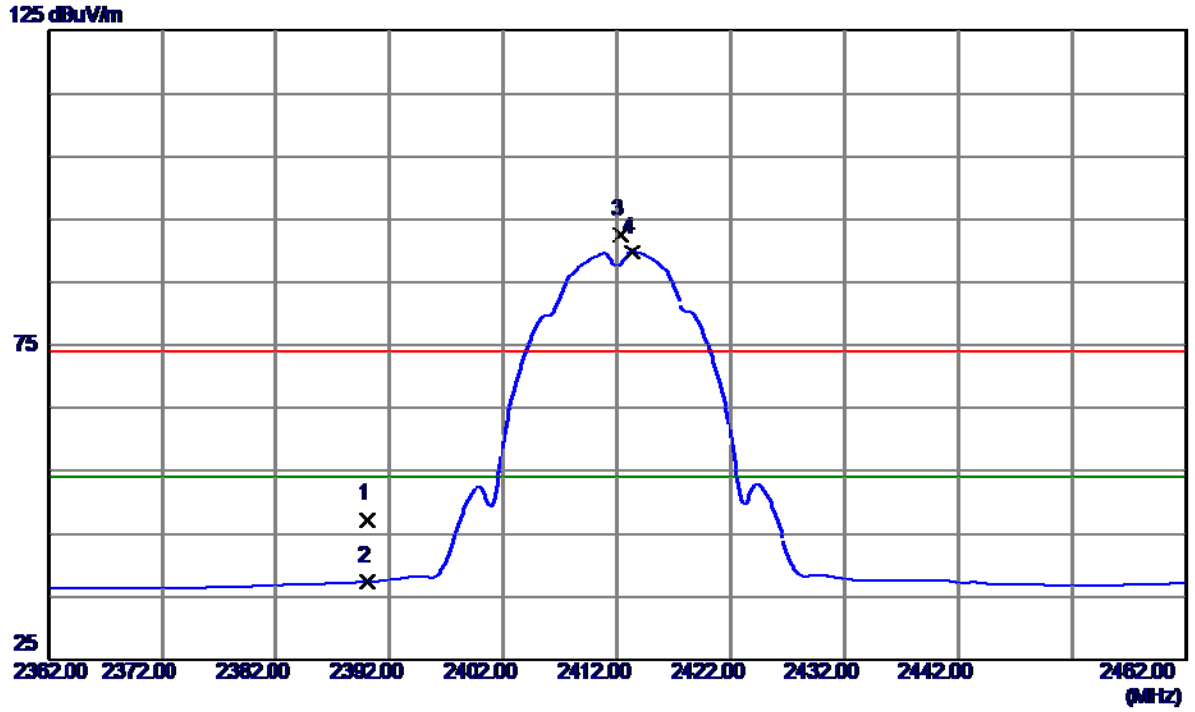
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9200	44.59	3.00	47.59	74.00	-26.41	Peak	
2	4823.9600	37.96	3.00	40.96	54.00	-13.04	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT 1

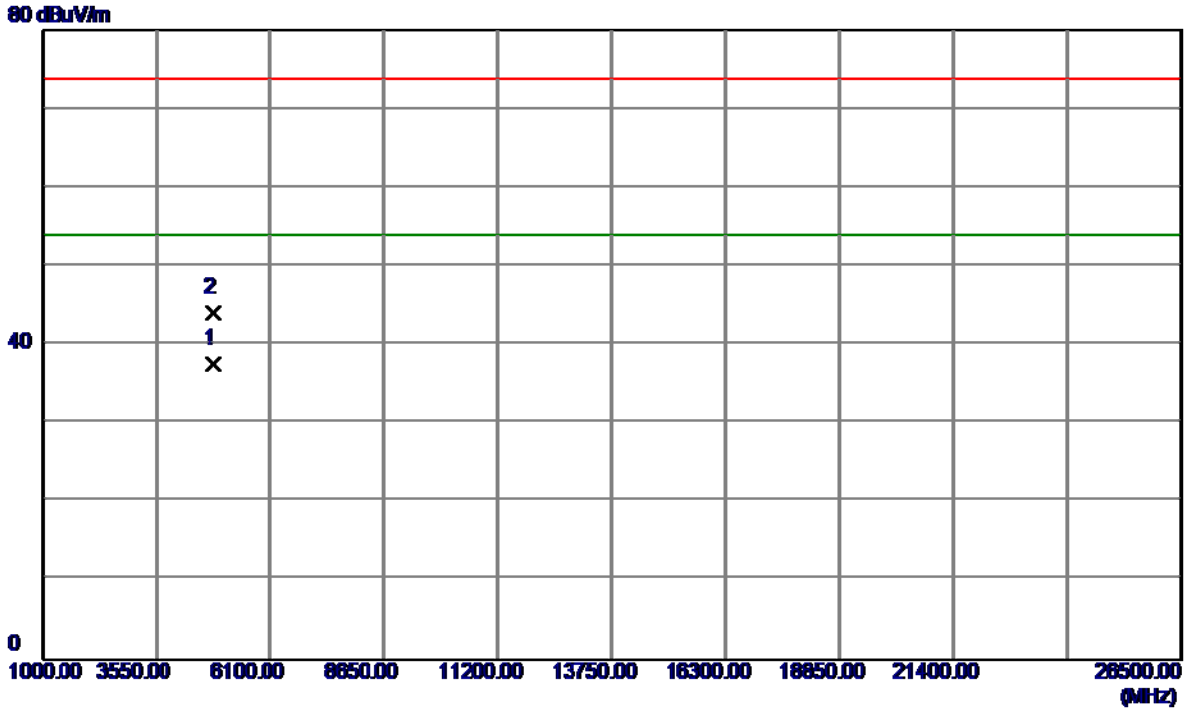
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	13.07	34.23	47.30	74.00	-26.70	Peak	
2	2390.0000	3.16	34.23	37.39	54.00	-16.61	AVG	
3	2412.3000	58.31	34.36	92.67	74.00	18.67	Peak	No Limit
4	2413.3000	55.50	34.37	89.87	54.00	35.87	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT 1

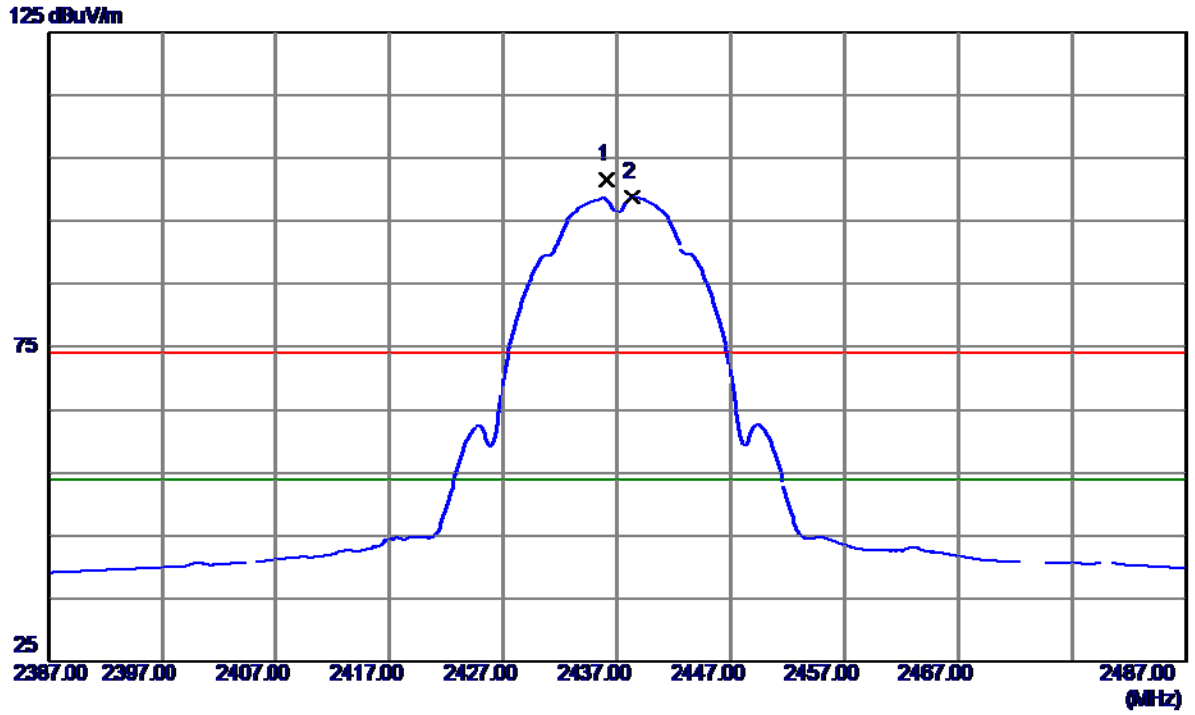
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9600	34.59	3.00	37.59	54.00	-16.41	AVG	
2	4824.0000	41.20	3.00	44.20	74.00	-29.80	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT 1

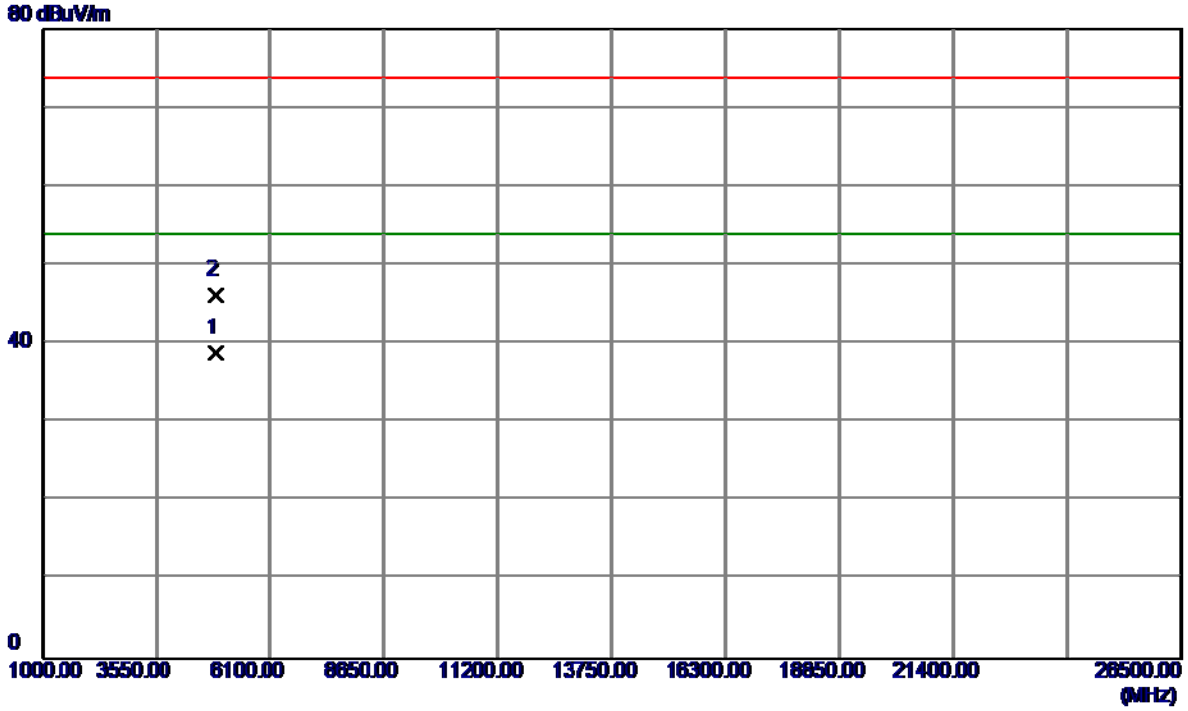
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2436.1000	67.13	34.50	101.63	74.00	27.63	Peak	No Limit
2	2438.3000	64.20	34.51	98.71	54.00	44.71	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT 1

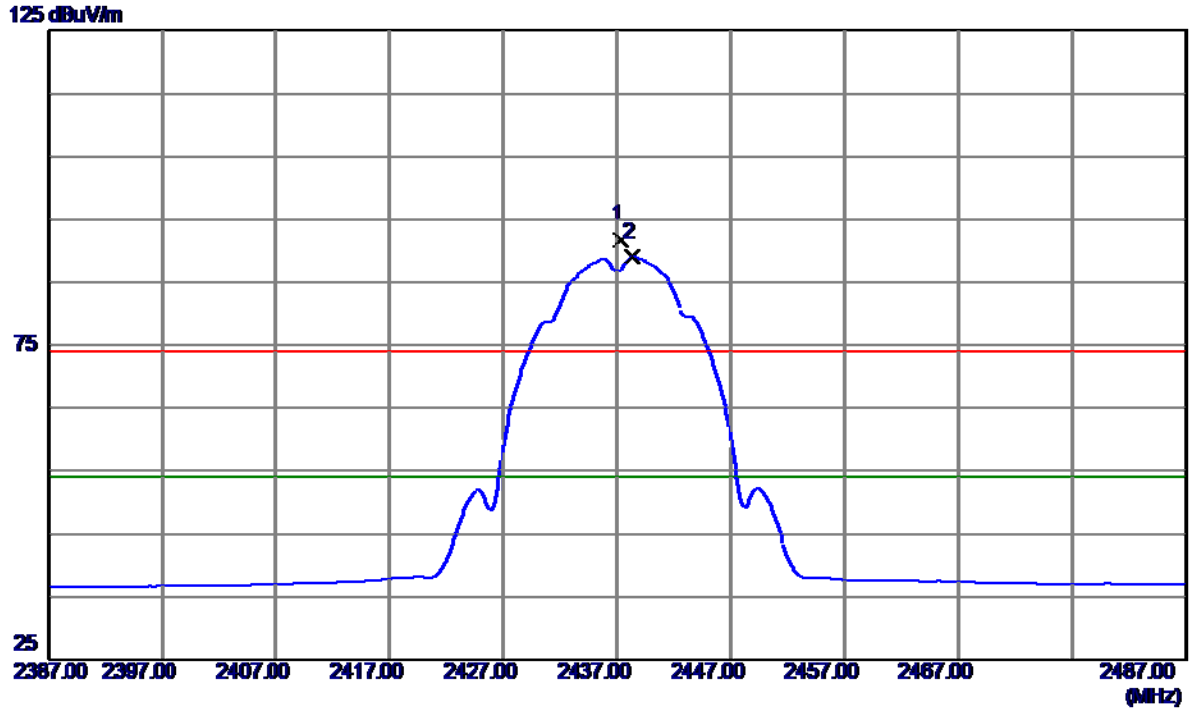
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9200	35.78	3.03	38.81	54.00	-15.19	AVG	
2	4873.9600	43.16	3.03	46.19	74.00	-27.81	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT 1

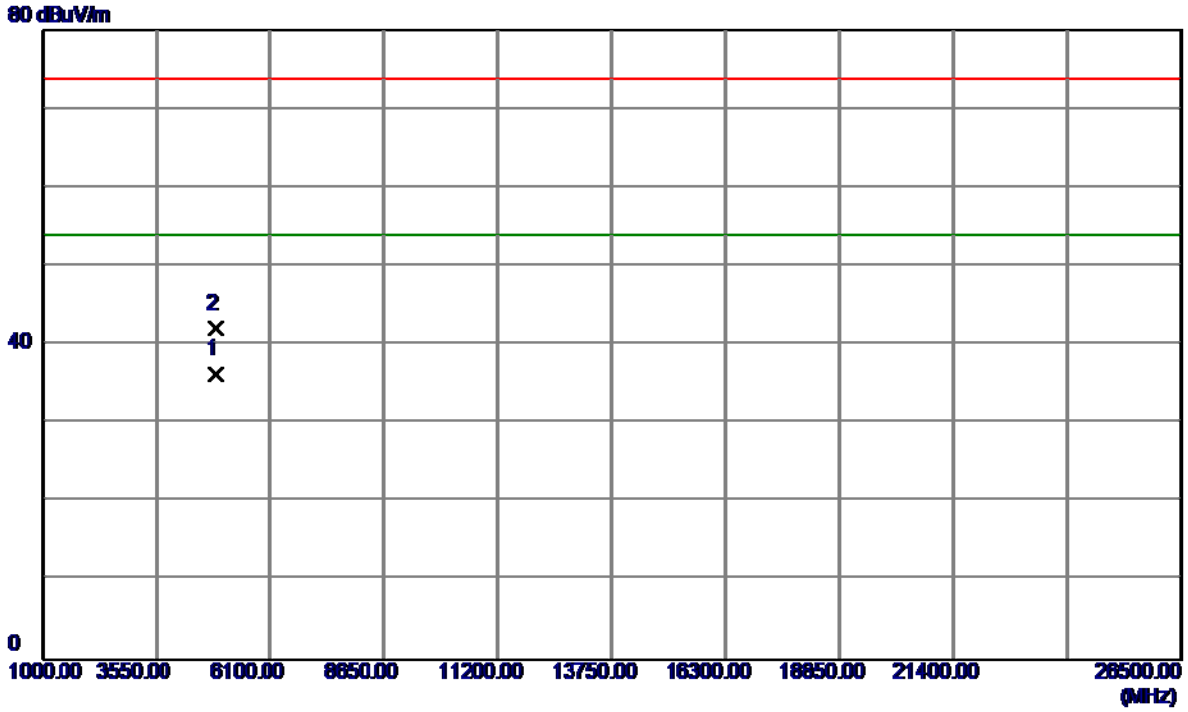
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2437.3000	57.33	34.51	91.84	74.00	17.84	Peak	No Limit
2	2438.3000	54.46	34.51	88.97	54.00	34.97	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT 1

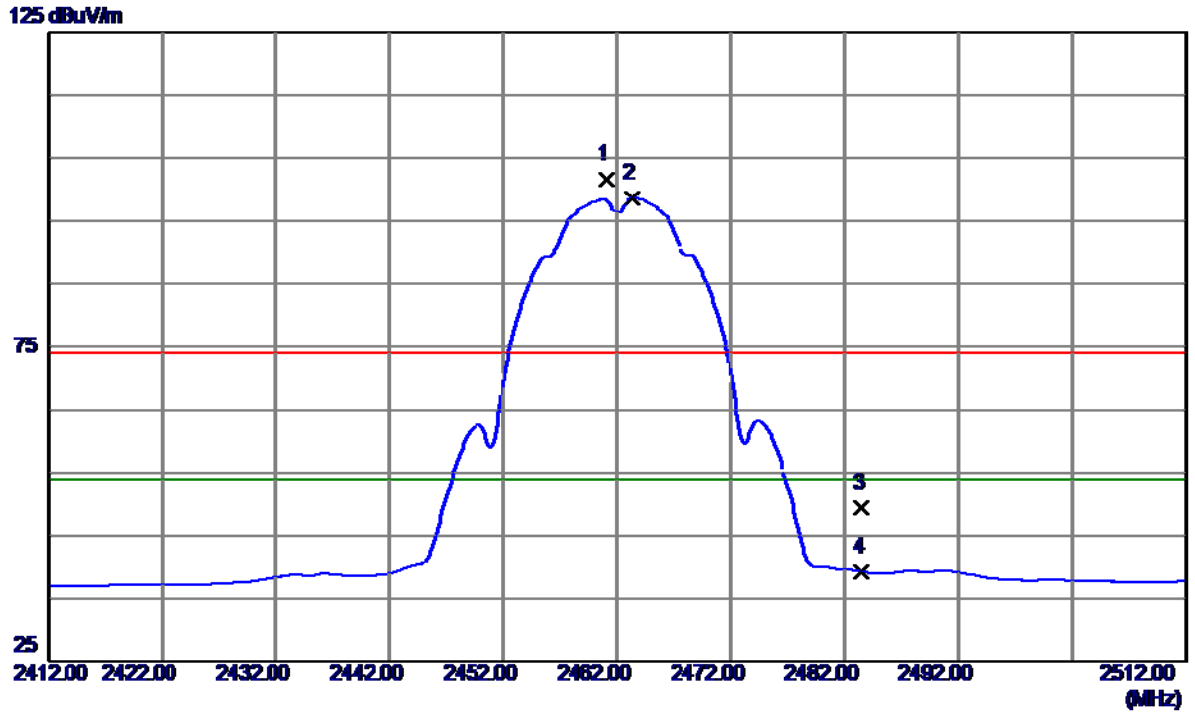
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9600	33.31	3.03	36.34	54.00	-17.66	AVG	
2	4874.0800	39.08	3.03	42.11	74.00	-31.89	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT 1

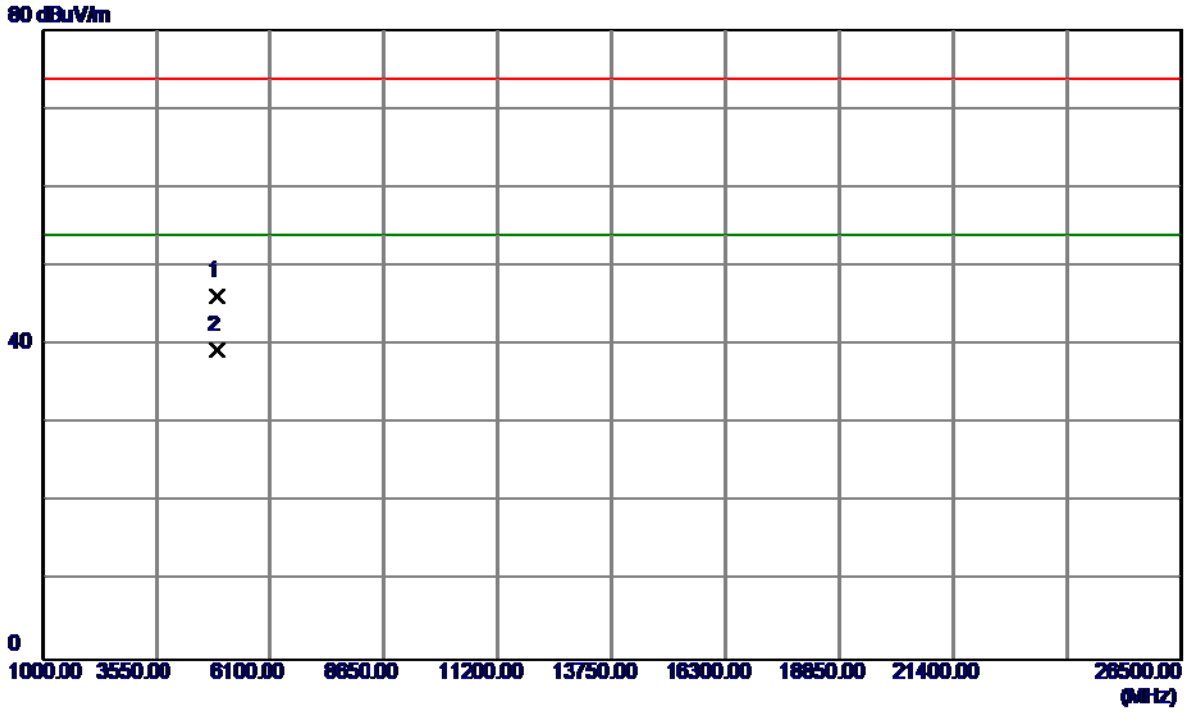
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2461.1000	66.91	34.64	101.55	74.00	27.55	Peak	No Limit
2	2463.3000	64.02	34.66	98.68	54.00	44.68	AVG	No Limit
3	2483.5000	14.65	34.77	49.42	74.00	-24.58	Peak	
4	2483.5000	4.44	34.77	39.21	54.00	-14.79	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT 1

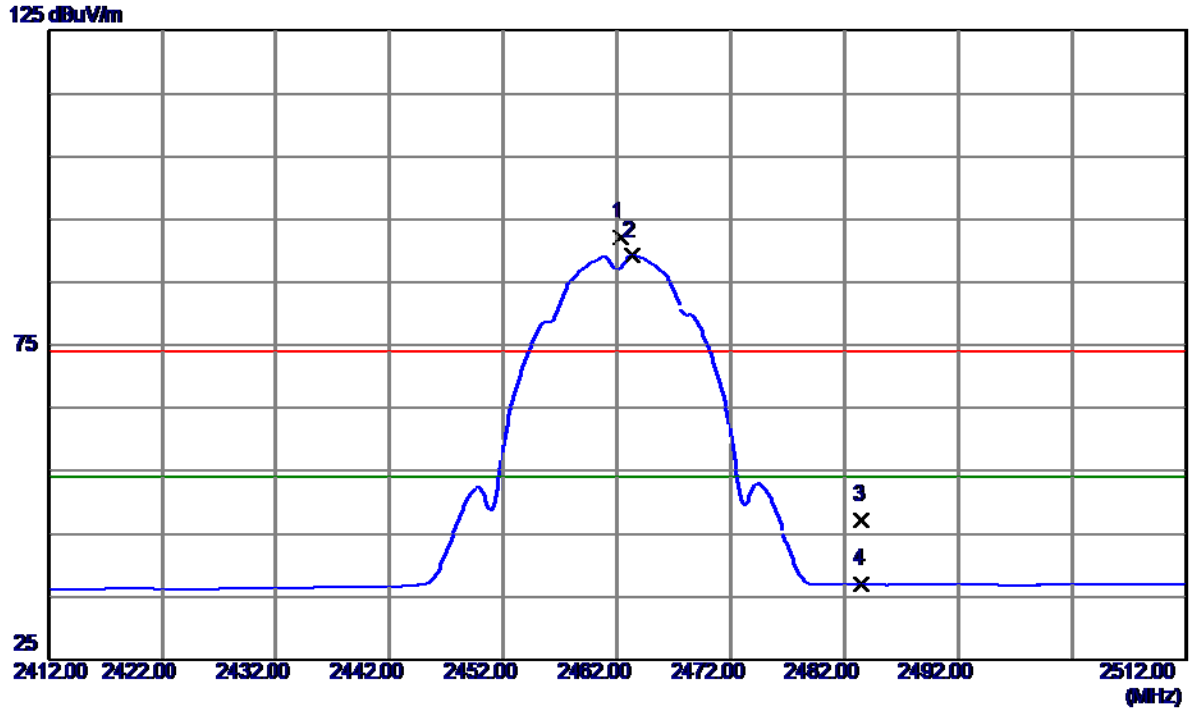
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.9400	43.12	3.05	46.17	74.00	-27.83	Peak	
2	4923.9600	36.25	3.05	39.30	54.00	-14.70	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT 1

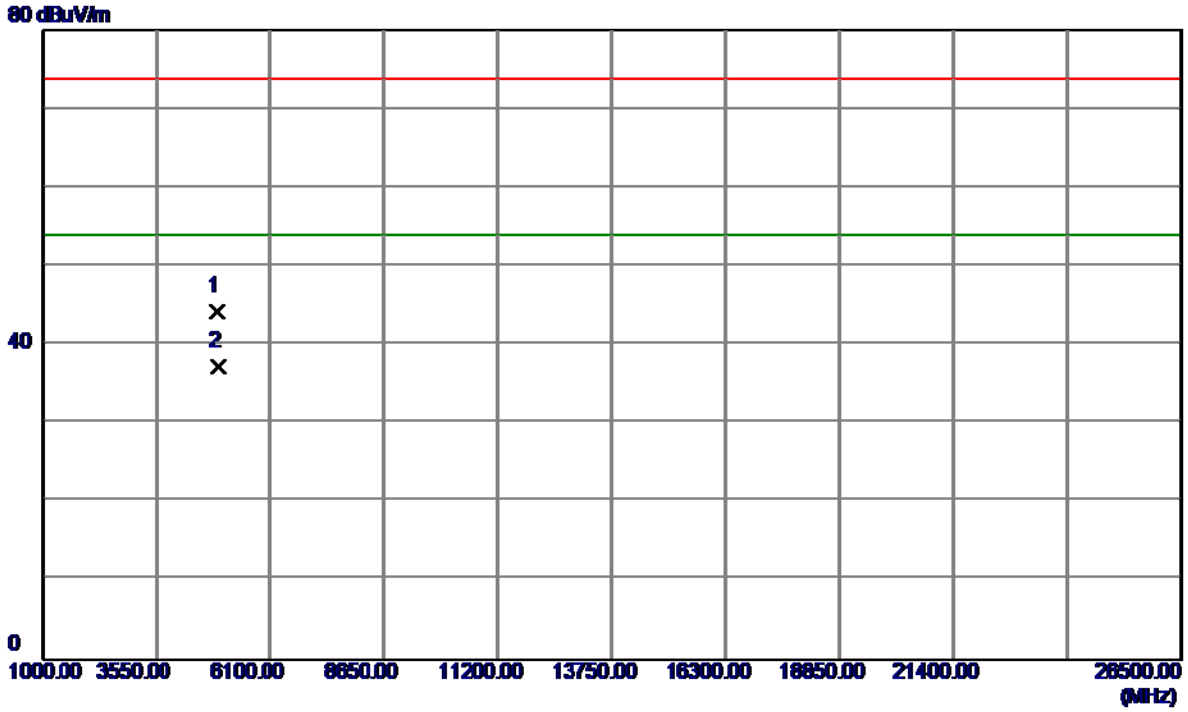
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.3000	57.47	34.65	92.12	74.00	18.12	Peak	No Limit
2	2463.3000	54.61	34.66	89.27	54.00	35.27	AVG	No Limit
3	2483.5000	12.49	34.77	47.26	74.00	-26.74	Peak	
4	2483.5000	2.15	34.77	36.92	54.00	-17.08	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT 1

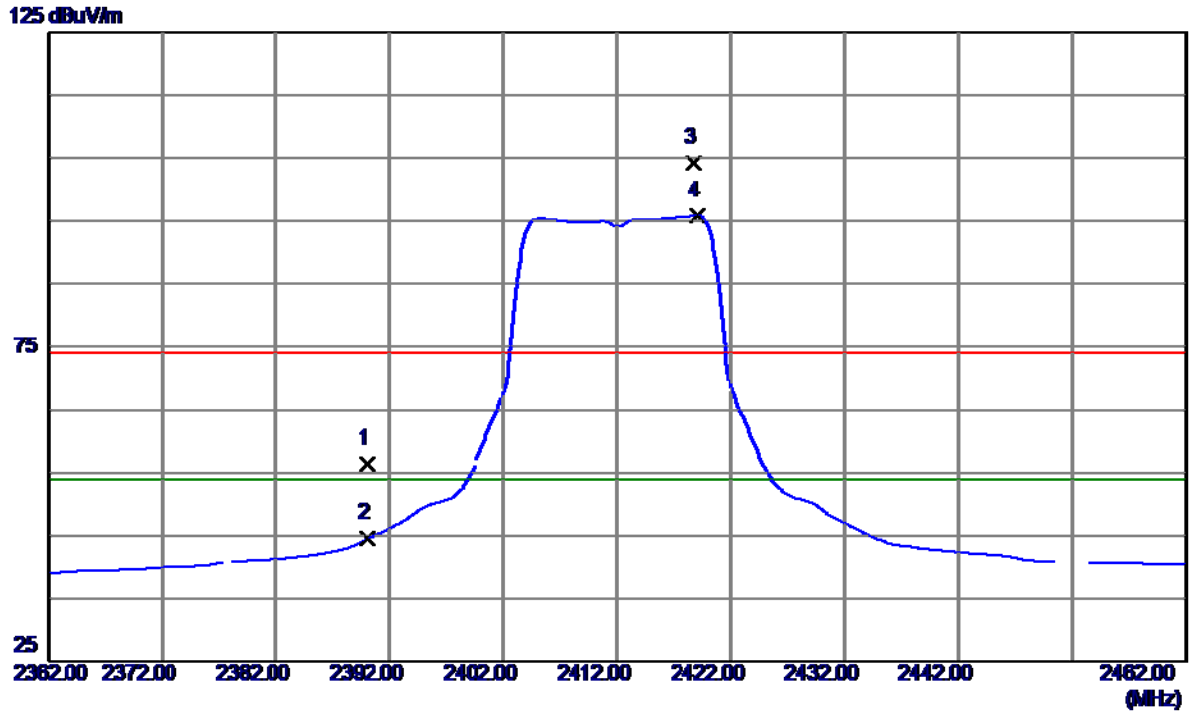
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.5000	41.27	3.05	44.32	74.00	-29.68	Peak	
2	4924.5000	34.18	3.05	37.23	54.00	-16.77	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT 1

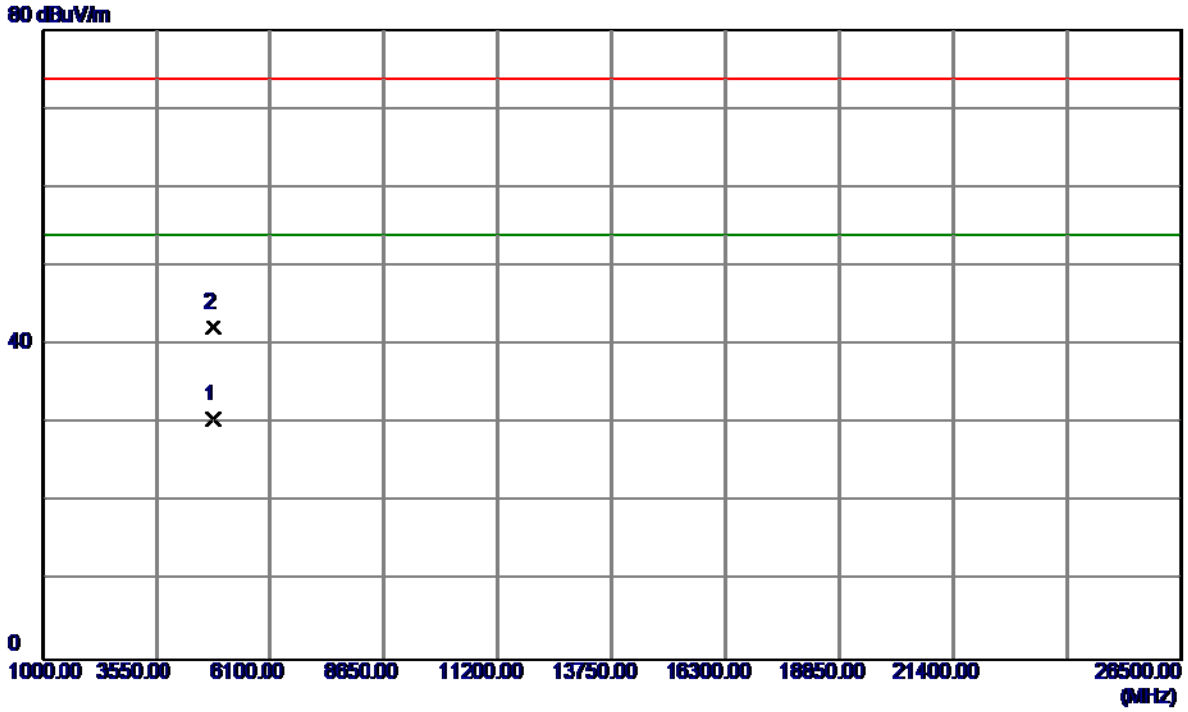
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	22.20	34.23	56.43	74.00	-17.57	Peak	
2	2390.0000	10.33	34.23	44.56	54.00	-9.44	AVG	
3	2418.8000	69.80	34.40	104.20	74.00	30.20	Peak	No Limit
4	2419.1000	61.35	34.40	95.75	54.00	41.75	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT 1

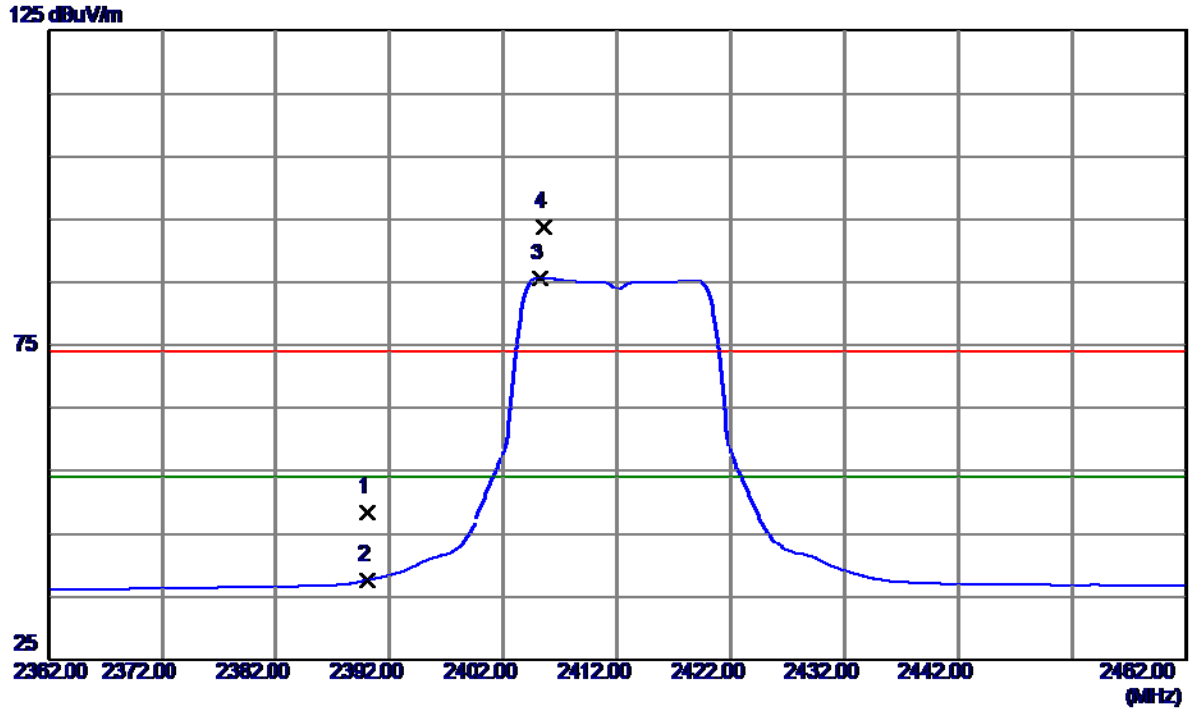
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9600	27.50	3.00	30.50	54.00	-23.50	AVG	
2	4823.9200	39.24	3.00	42.24	74.00	-31.76	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT 1

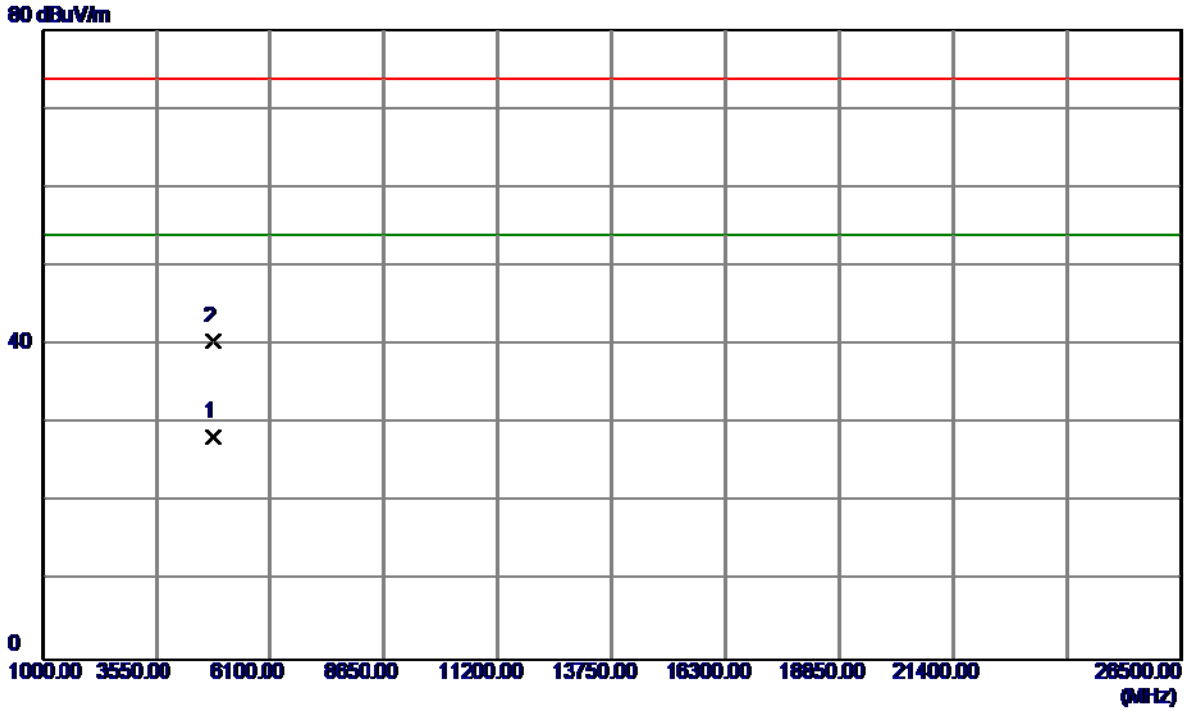
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	14.08	34.23	48.31	74.00	-25.69	Peak	
2	2390.0000	3.44	34.23	37.67	54.00	-16.33	AVG	
3	2405.2000	51.35	34.32	85.67	54.00	31.67	AVG	No Limit
4	2405.6000	59.48	34.32	93.80	74.00	19.80	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT 1

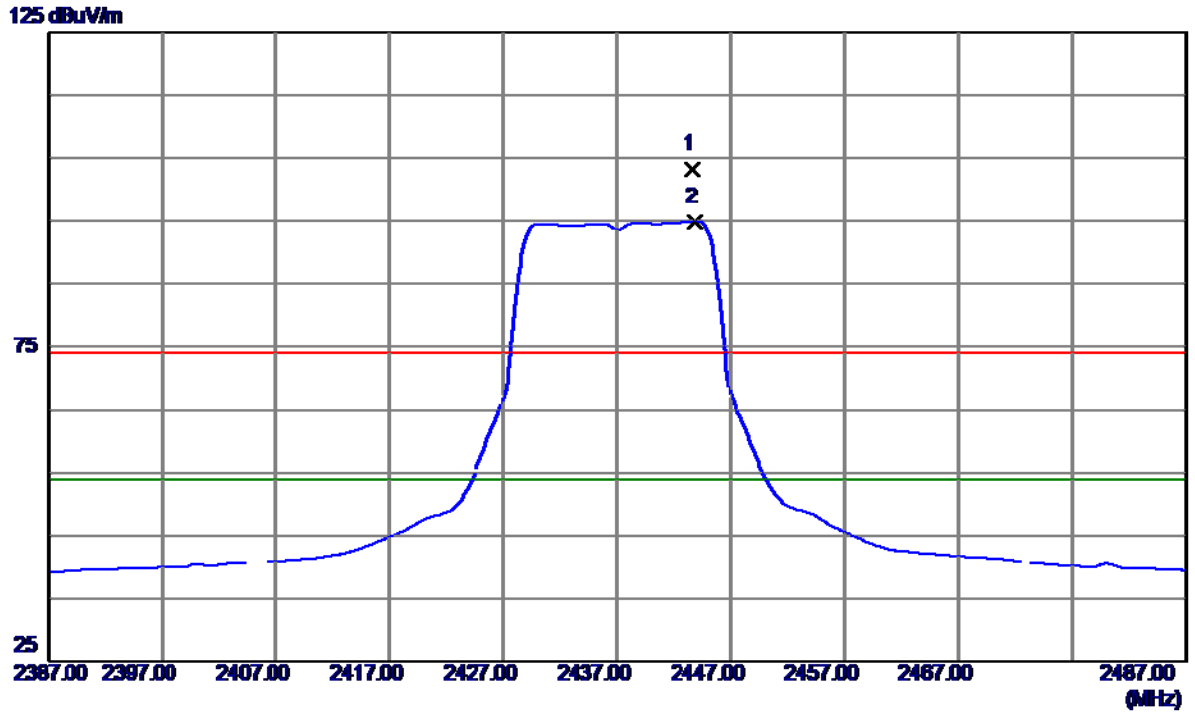
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9600	25.37	3.00	28.37	54.00	-25.63	AVG	
2	4824.0000	37.51	3.00	40.51	74.00	-33.49	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT 1

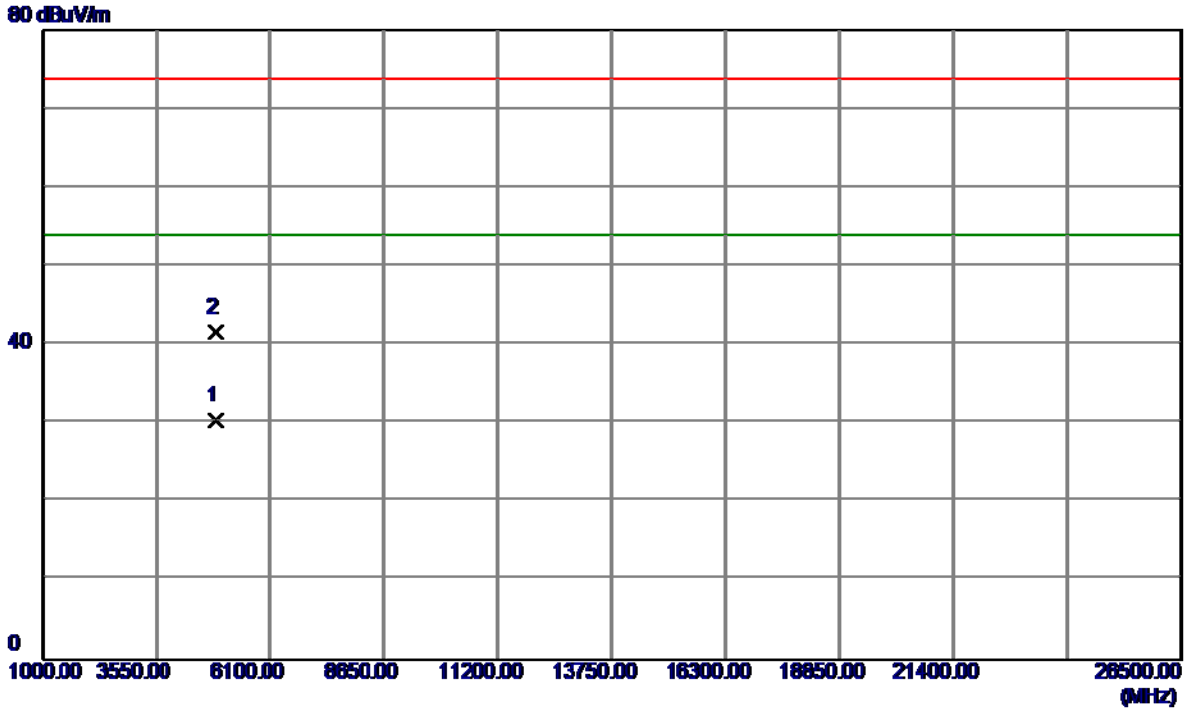
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2443.7000	68.63	34.54	103.17	74.00	29.17	Peak	No Limit
2	2443.9000	60.33	34.54	94.87	54.00	40.87	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT 1

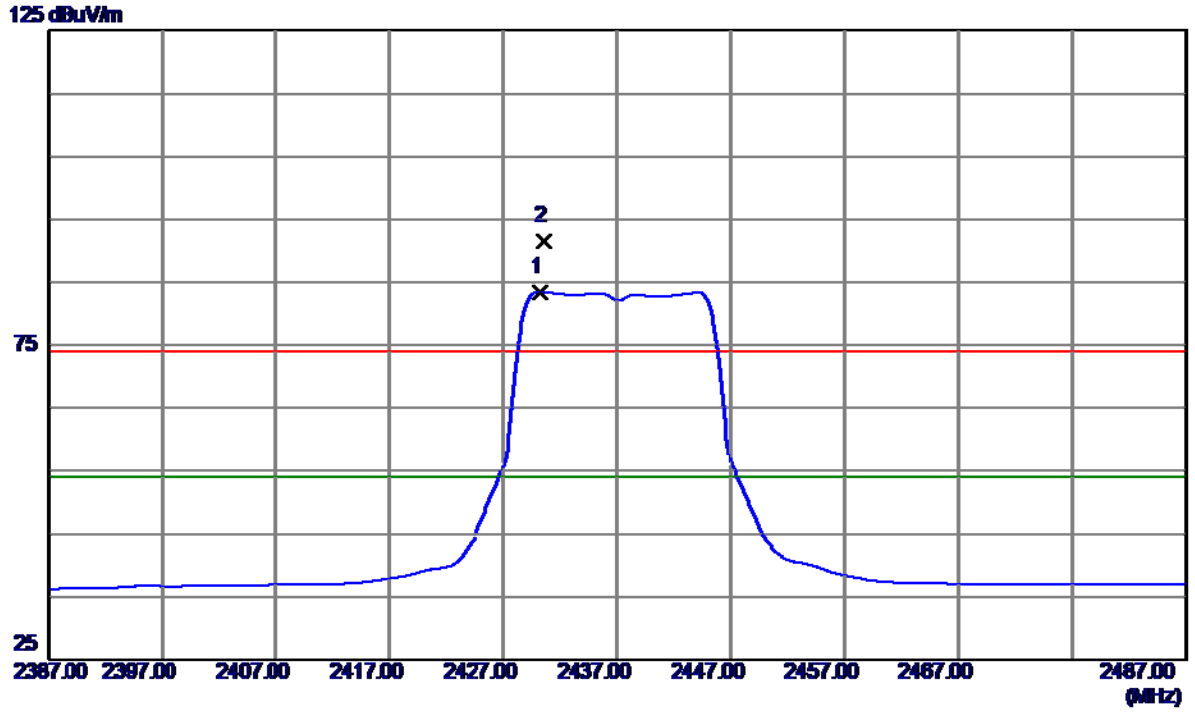
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4875.0000	27.34	3.03	30.37	54.00	-23.63	AVG	
2	4877.0000	38.60	3.03	41.63	74.00	-32.37	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT 1

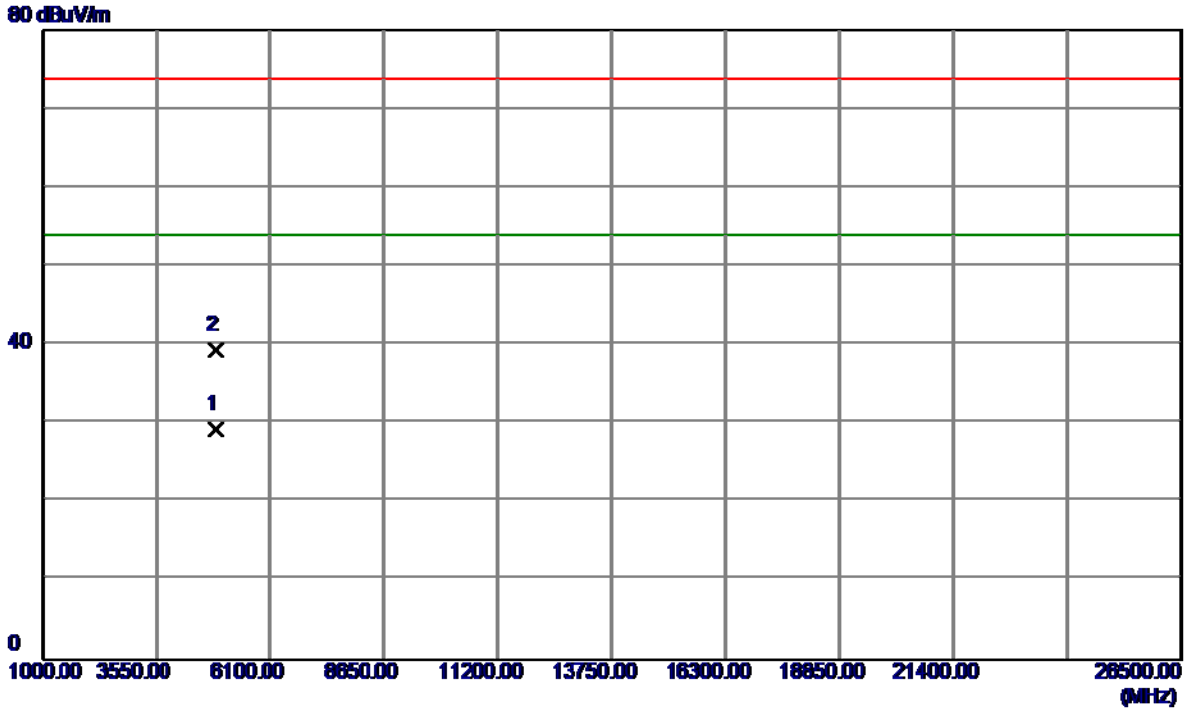
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2430.2000	48.95	34.47	83.42	54.00	29.42	AVG	No Limit
2	2430.6000	57.14	34.47	91.61	74.00	17.61	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT 1

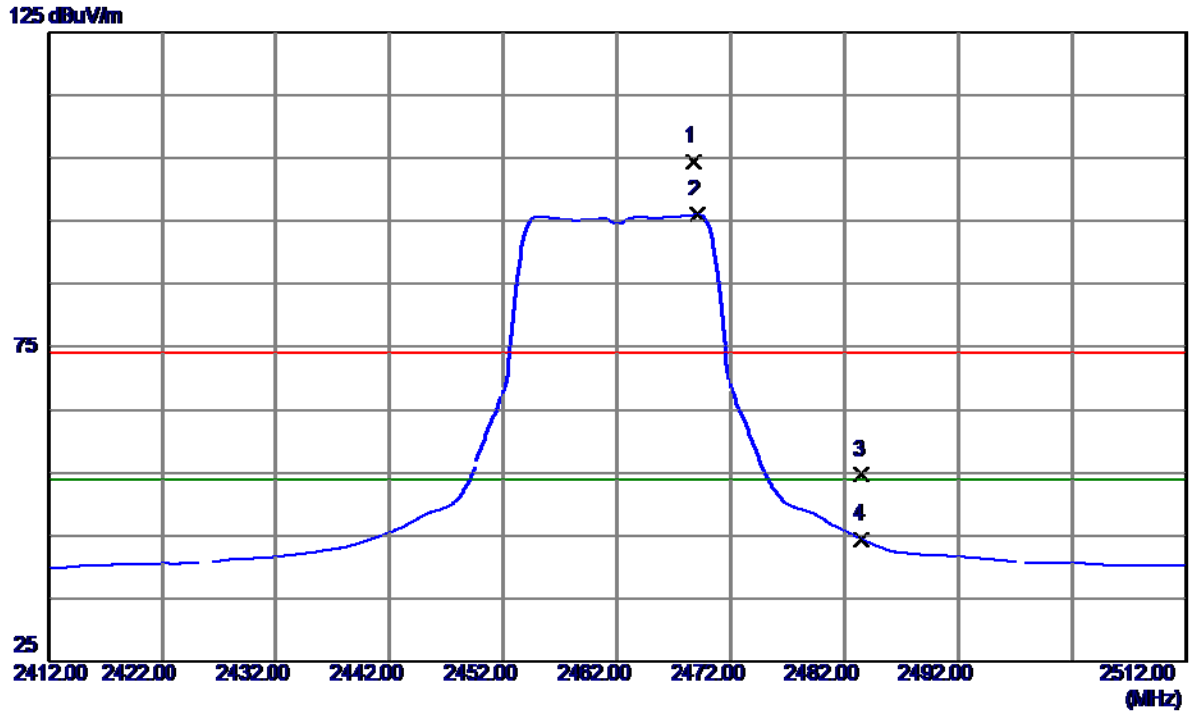
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9600	26.31	3.03	29.34	54.00	-24.66	AVG	
2	4874.0800	36.32	3.03	39.35	74.00	-34.65	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT 1

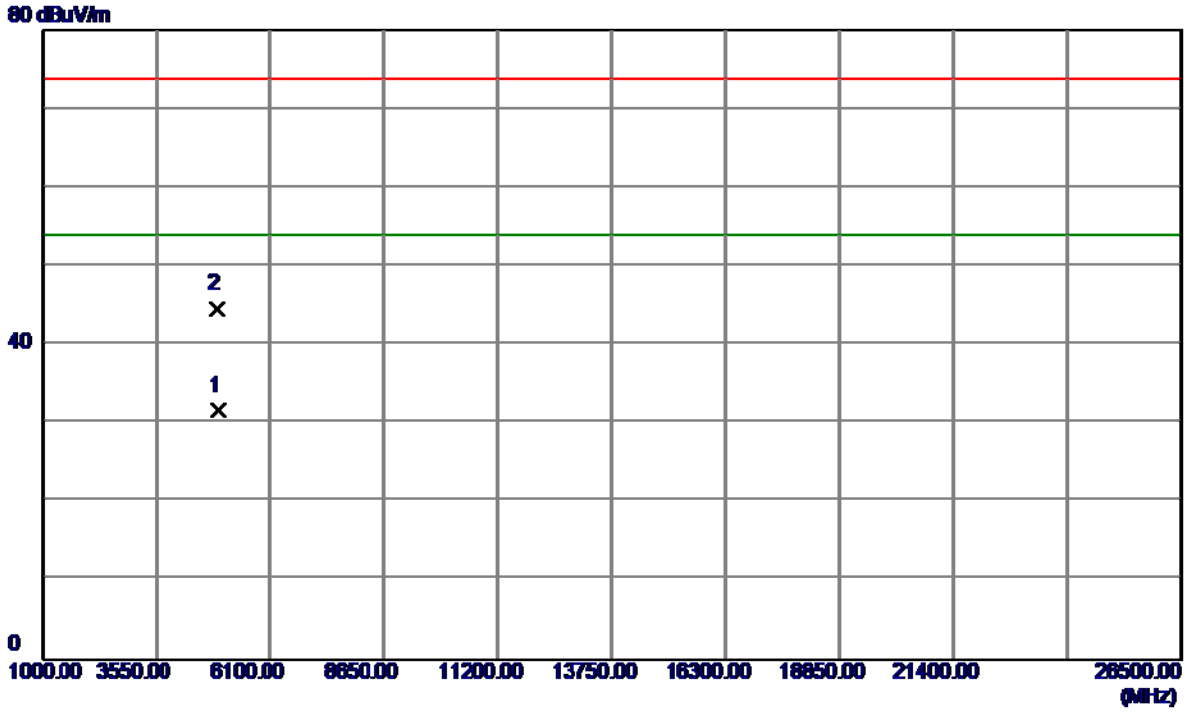
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2468.8000	69.64	34.69	104.33	74.00	30.33	Peak	No Limit
2	2469.1000	61.24	34.69	95.93	54.00	41.93	AVG	No Limit
3	2483.5000	19.93	34.77	54.70	74.00	-19.30	Peak	
4	2483.5000	9.67	34.77	44.44	54.00	-9.56	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT 1

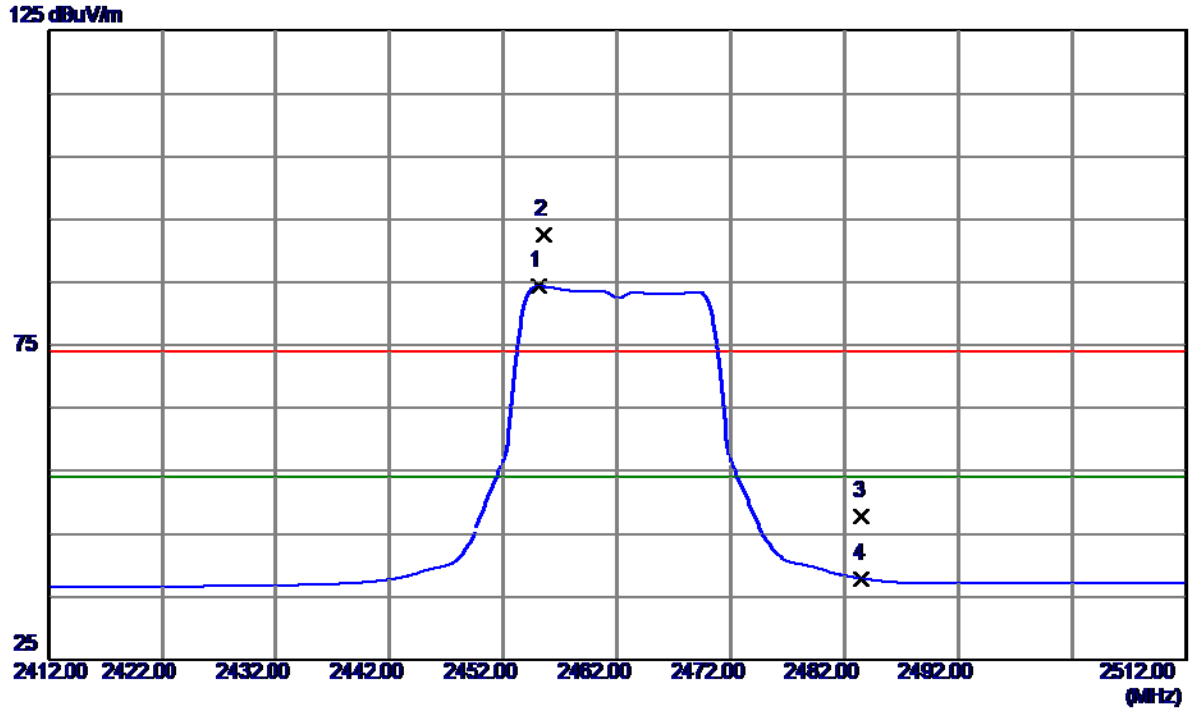
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.5000	28.58	3.05	31.63	54.00	-22.37	AVG	
2	4923.5000	41.61	3.05	44.66	74.00	-29.34	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT 1

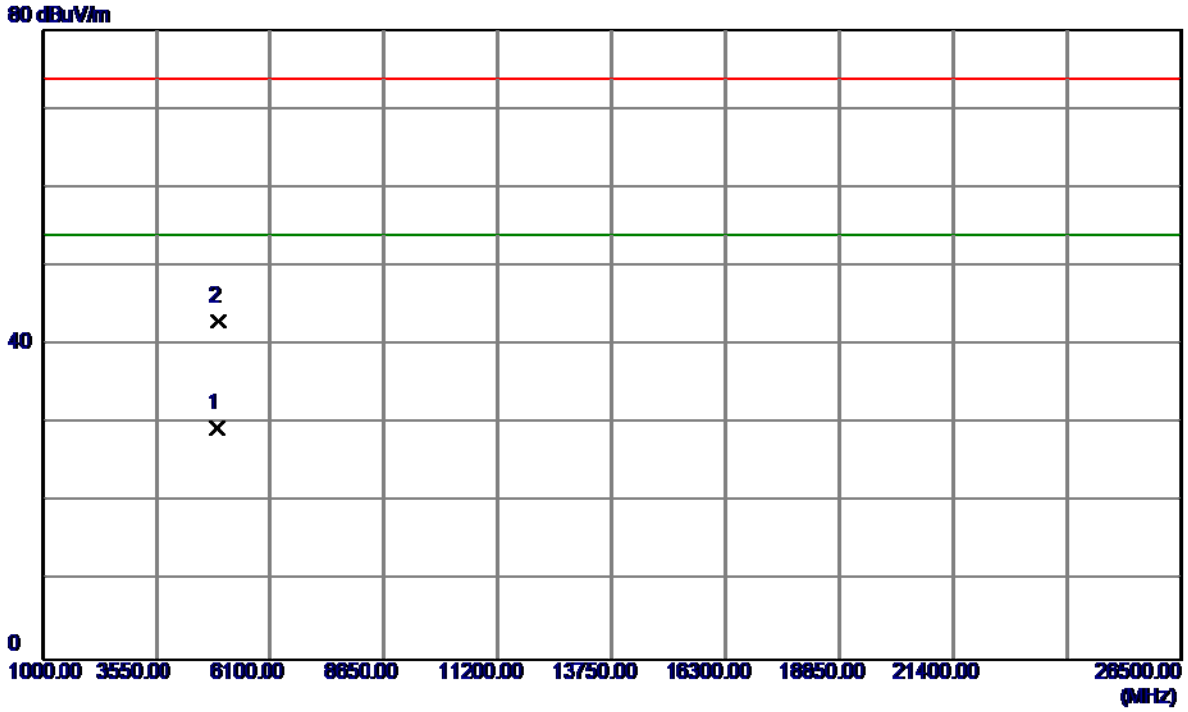
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.1000	49.74	34.61	84.35	54.00	30.35	AVG	No Limit
2	2455.6000	57.94	34.61	92.55	74.00	18.55	Peak	No Limit
3	2483.5000	13.06	34.77	47.83	74.00	-26.17	Peak	
4	2483.5000	3.11	34.77	37.88	54.00	-16.12	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT 1

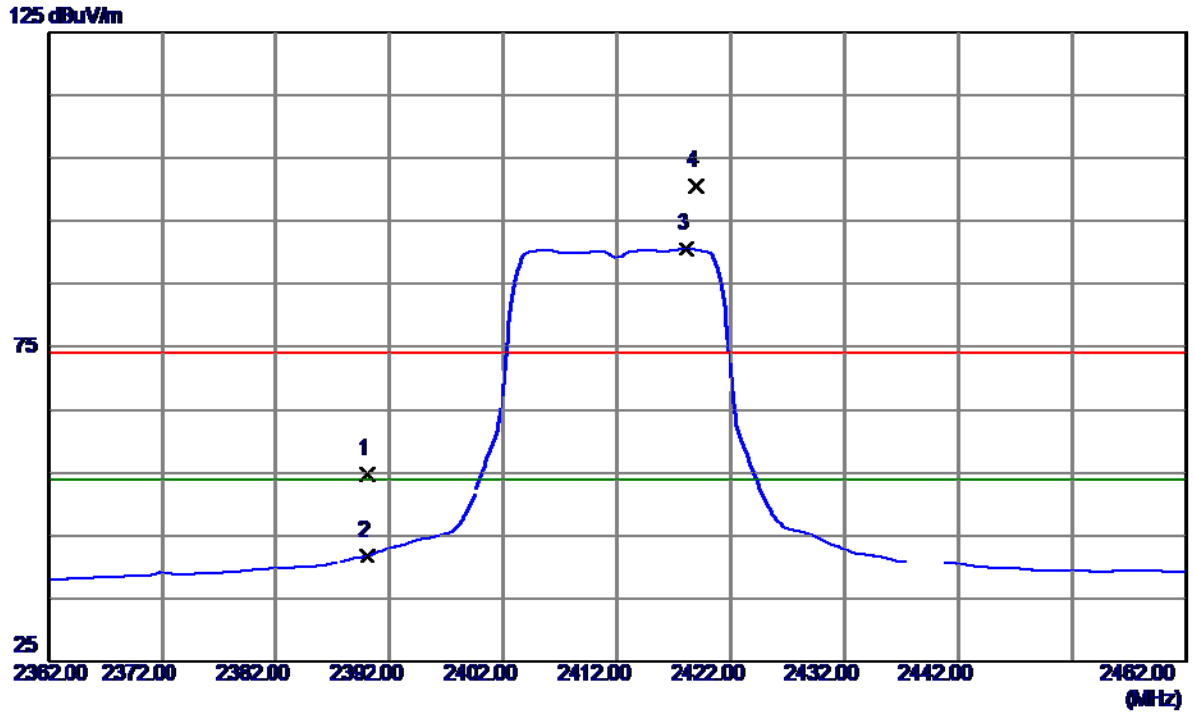
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.5000	26.39	3.05	29.44	54.00	-24.56	AVG	
2	4924.5000	39.97	3.05	43.02	74.00	-30.98	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz_ANT 1

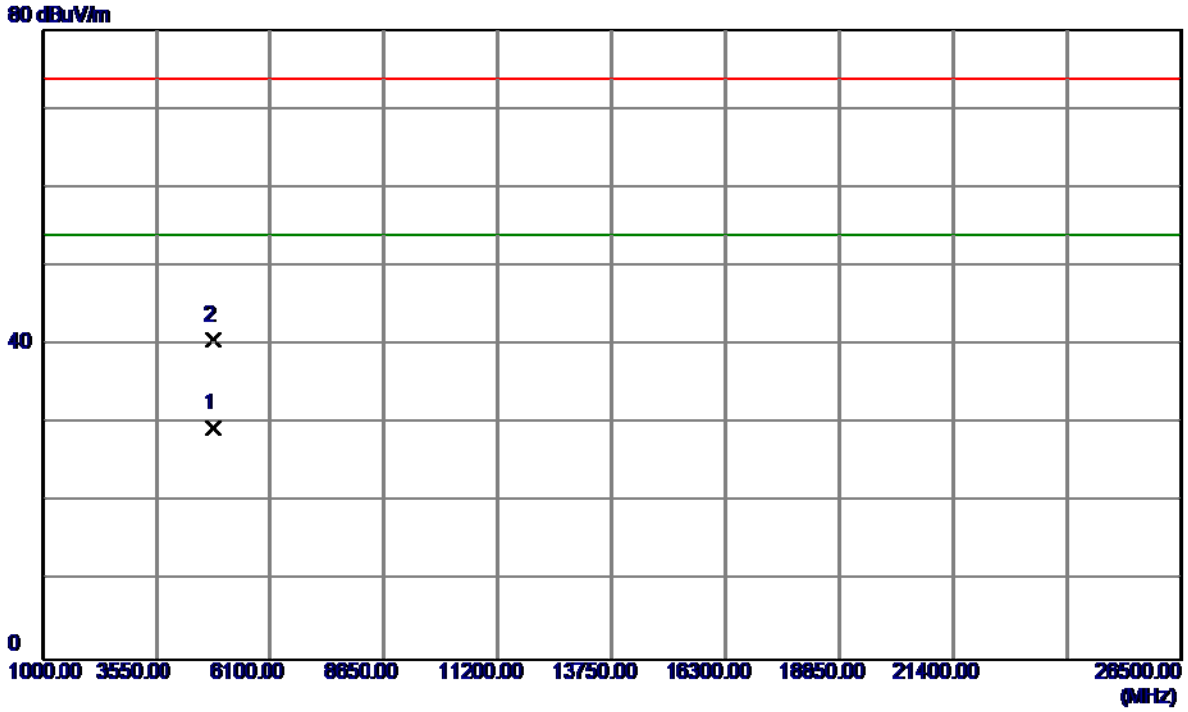
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	20.51	34.23	54.74	74.00	-19.26	Peak	
2	2390.0000	7.65	34.23	41.88	54.00	-12.12	AVG	
3	2418.1000	56.28	34.39	90.67	54.00	36.67	AVG	No Limit
4	2419.0000	66.19	34.40	100.59	74.00	26.59	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz_ANT 1

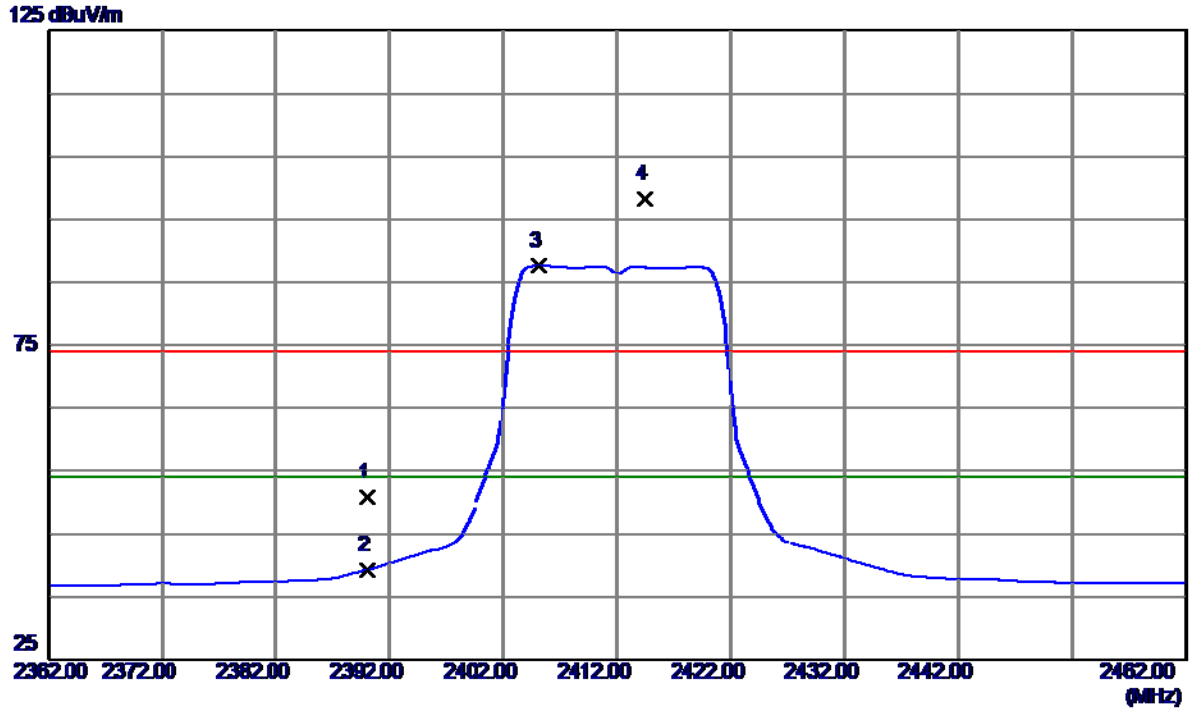
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.8600	26.40	3.00	29.40	54.00	-24.60	AVG	
2	4824.1000	37.67	3.00	40.67	74.00	-33.33	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz_ANT 1

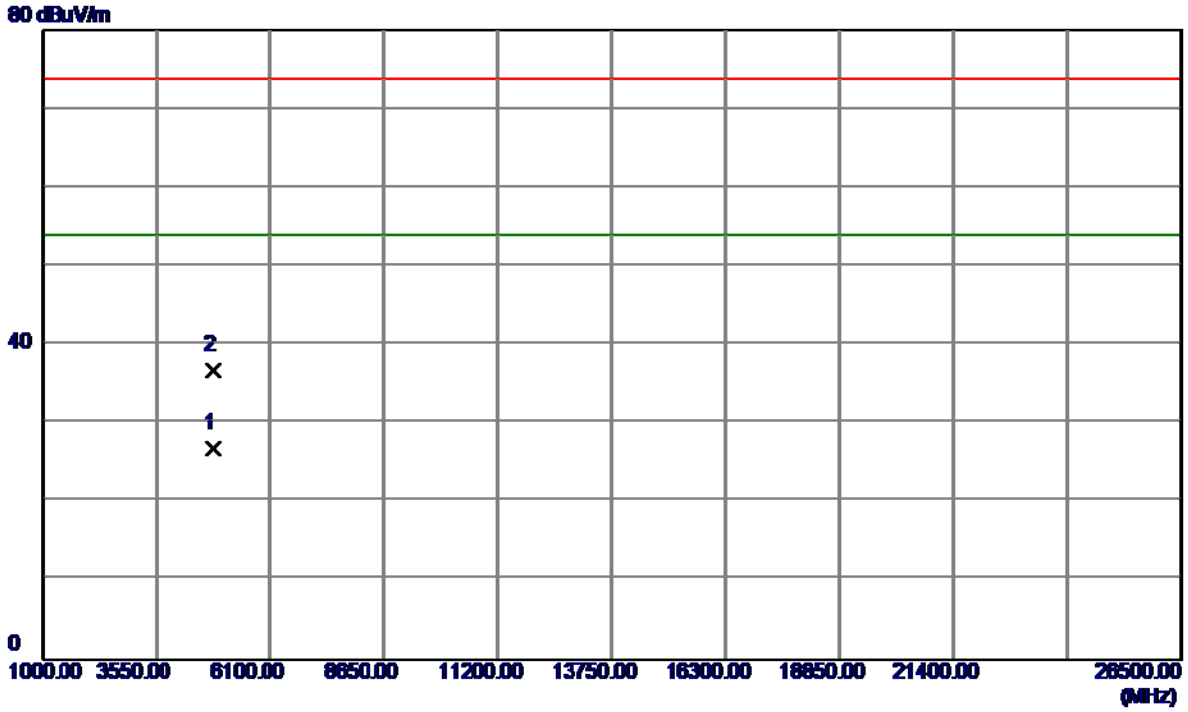
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	16.48	34.23	50.71	74.00	-23.29	Peak	
2	2390.0000	5.04	34.23	39.27	54.00	-14.73	AVG	
3	2405.1000	53.24	34.32	87.56	54.00	33.56	AVG	No Limit
4	2414.4000	63.80	34.37	98.17	74.00	24.17	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz_ANT 1

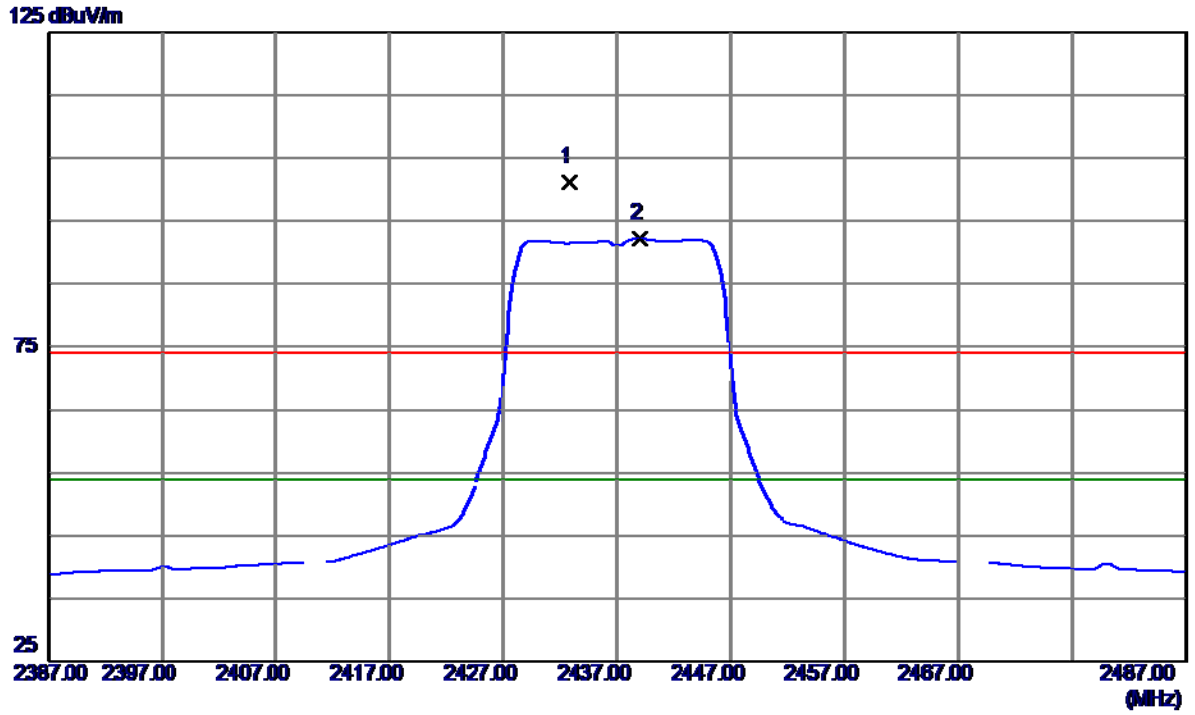
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9600	23.92	3.00	26.92	54.00	-27.08	AVG	
2	4823.9200	33.77	3.00	36.77	74.00	-37.23	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz_ANT 1

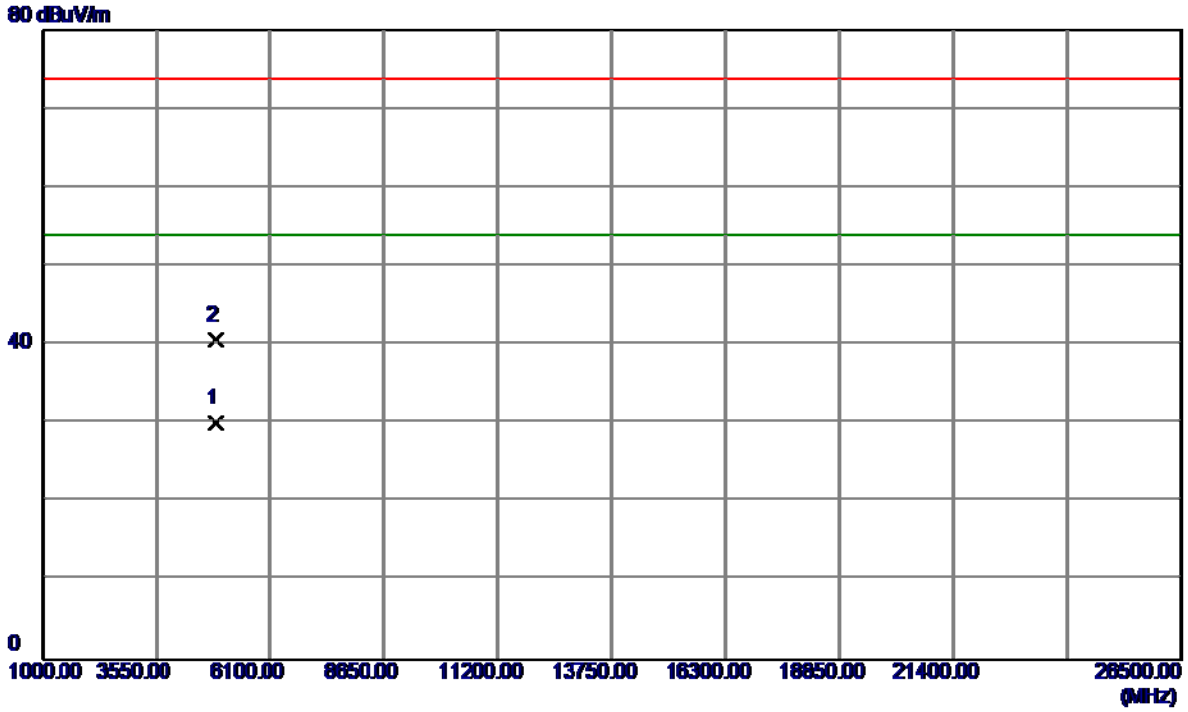
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2432.8000	66.66	34.48	101.14	74.00	27.14	Peak	No Limit
2	2439.0000	57.63	34.52	92.15	54.00	38.15	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz_ANT 1

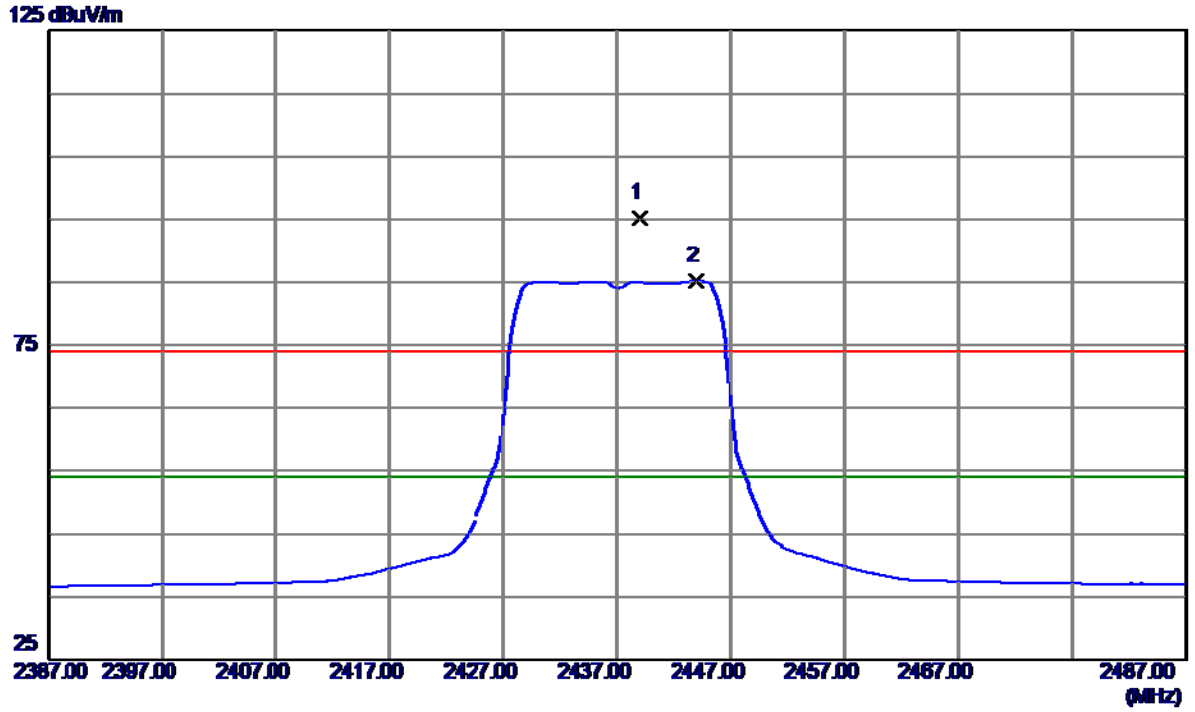
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.5000	27.12	3.03	30.15	54.00	-23.85	AVG	
2	4871.0000	37.67	3.02	40.69	74.00	-33.31	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz_ANT 1

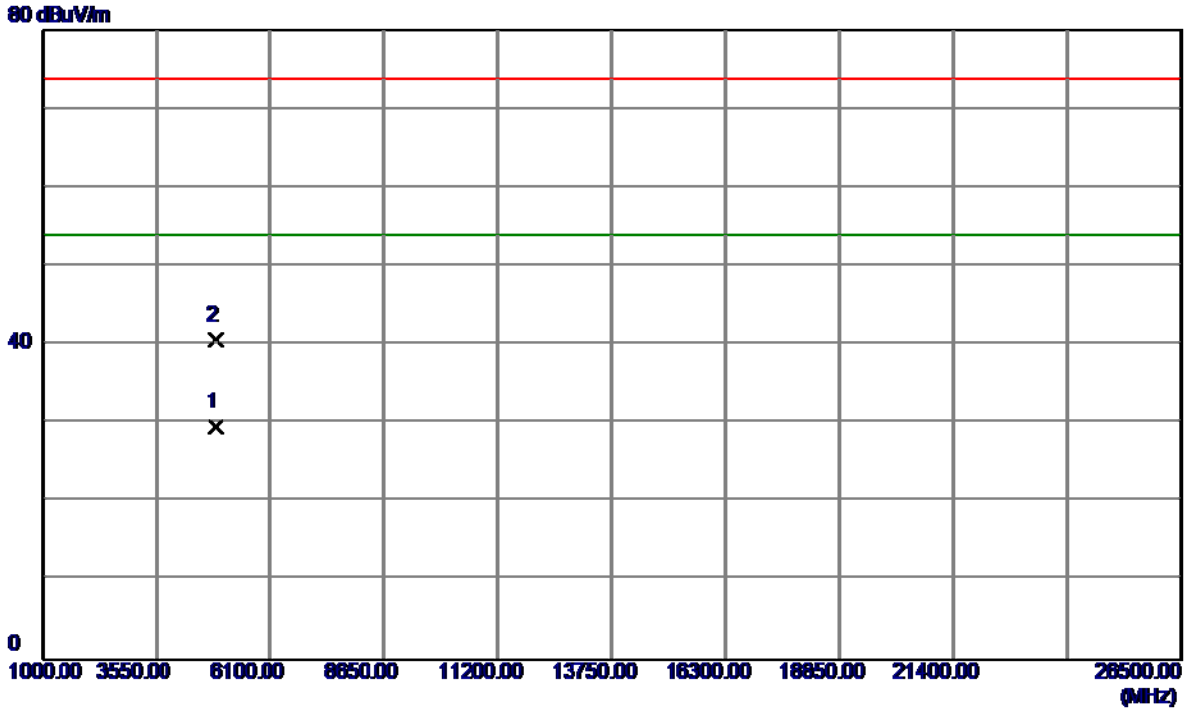
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2439.0000	60.64	34.52	95.16	74.00	21.16	Peak	No Limit
2	2444.0000	50.62	34.55	85.17	54.00	31.17	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz_ANT 1

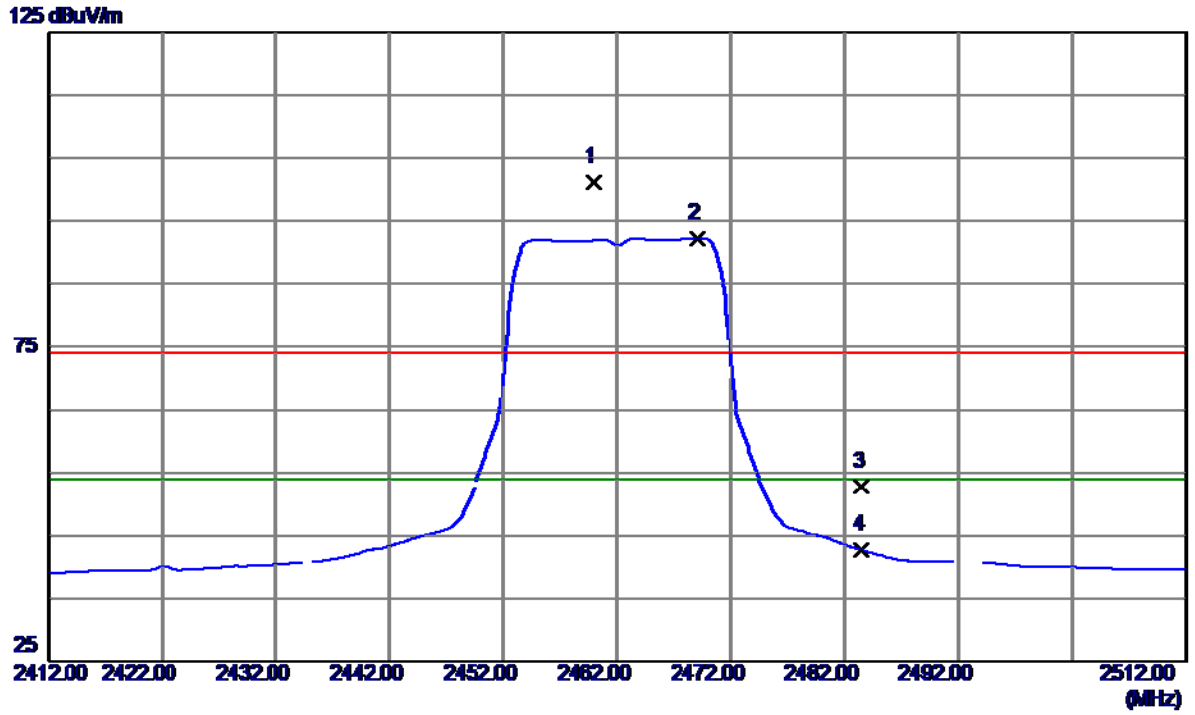
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.3000	26.53	3.03	29.56	54.00	-24.44	AVG	
2	4871.4000	37.69	3.02	40.71	74.00	-33.29	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz_ANT 1

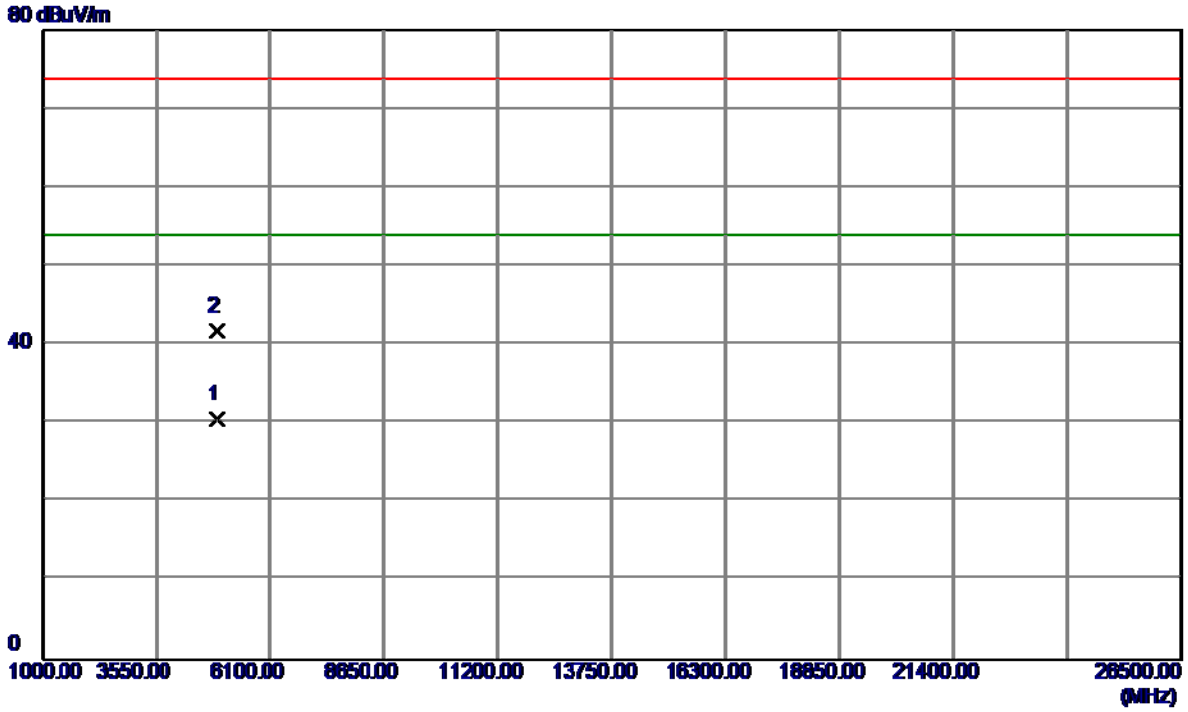
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2460.0000	66.65	34.64	101.29	74.00	27.29	Peak	No Limit
2	2469.1000	57.56	34.69	92.25	54.00	38.25	AVG	No Limit
3	2483.5000	18.12	34.77	52.89	74.00	-21.11	Peak	
4	2483.5000	7.98	34.77	42.75	54.00	-11.25	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz_ANT 1

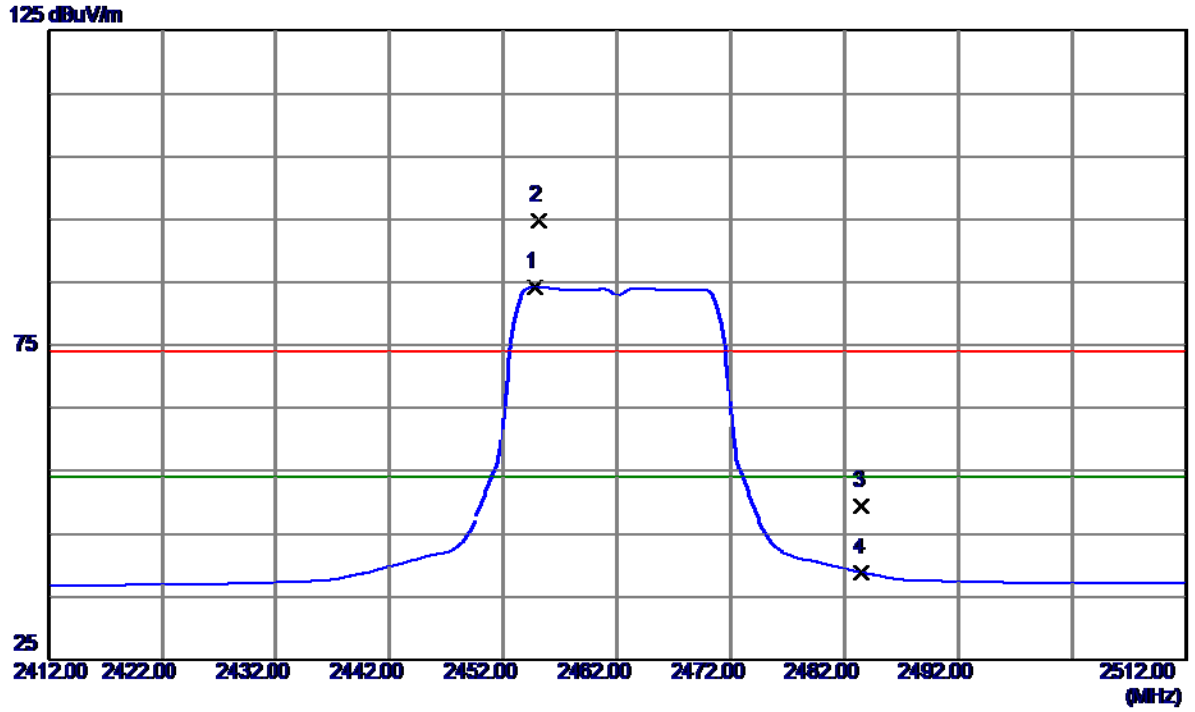
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.5000	27.55	3.05	30.60	54.00	-23.40	AVG	
2	4921.0000	38.72	3.05	41.77	74.00	-32.23	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz_ANT 1

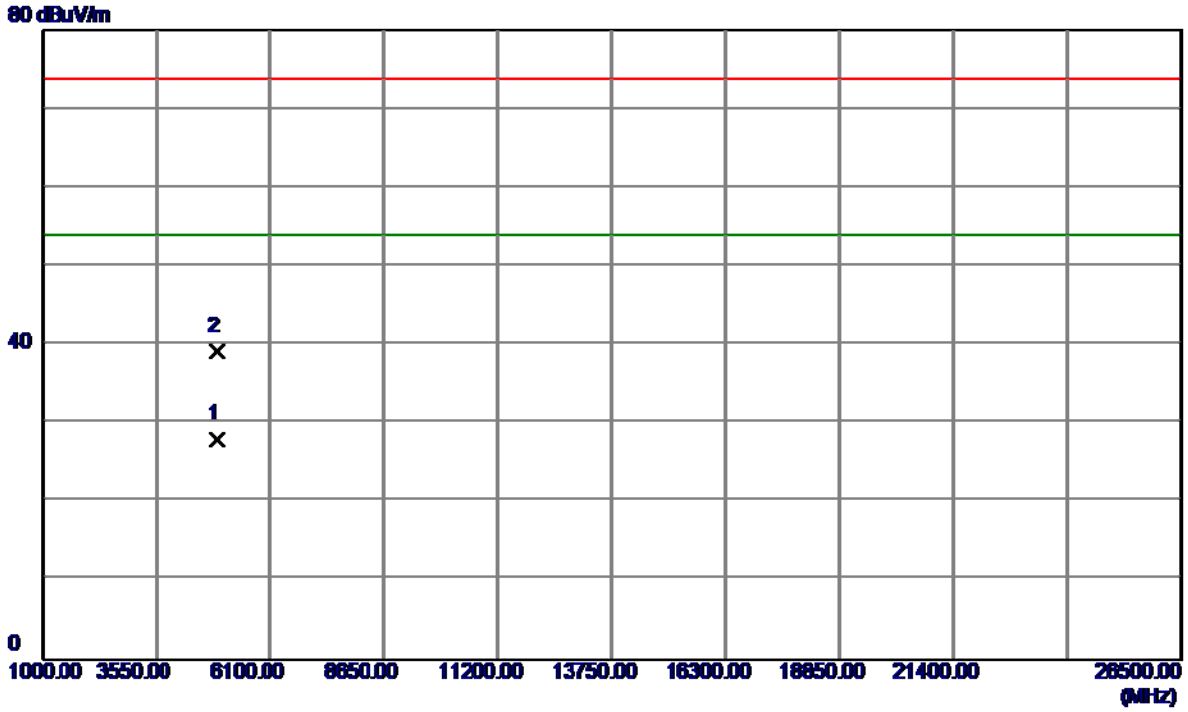
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2454.8000	49.68	34.61	84.29	54.00	30.29	AVG	No Limit
2	2455.1000	60.24	34.61	94.85	74.00	20.85	Peak	No Limit
3	2483.5000	14.63	34.77	49.40	74.00	-24.60	Peak	
4	2483.5000	4.06	34.77	38.83	54.00	-15.17	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz_ANT 1

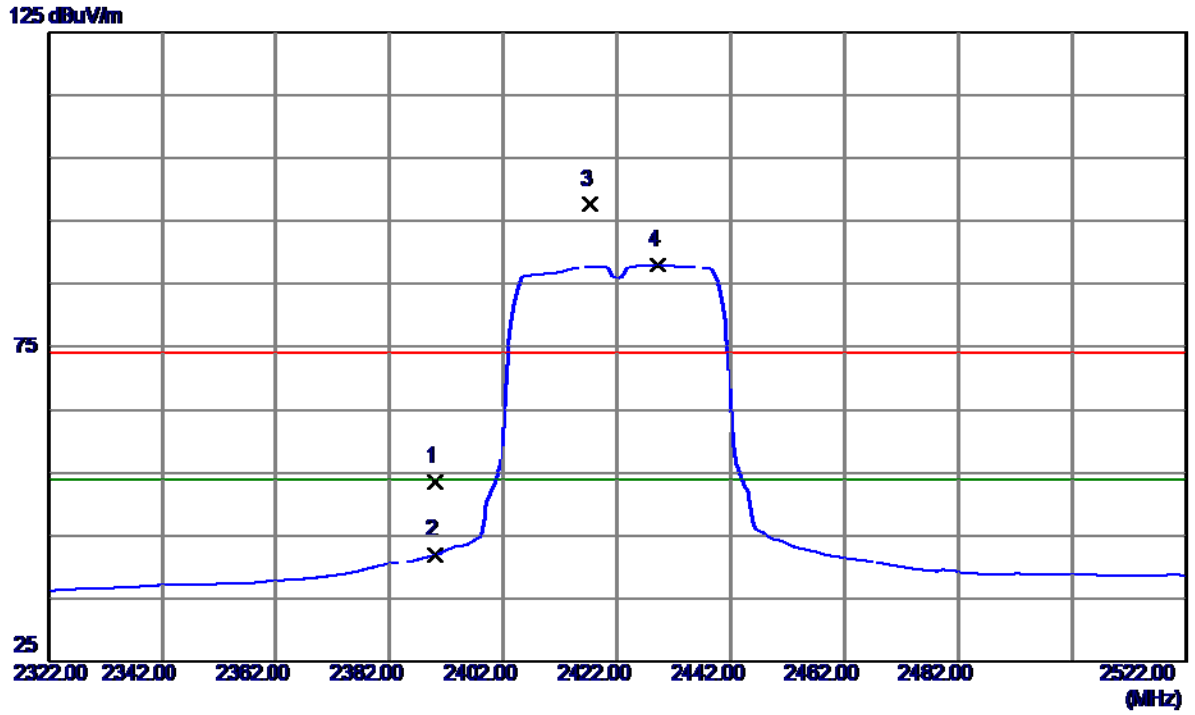
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.4900	24.93	3.05	27.98	54.00	-26.02	AVG	
2	4921.0000	36.08	3.05	39.13	74.00	-34.87	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz_ANT 1

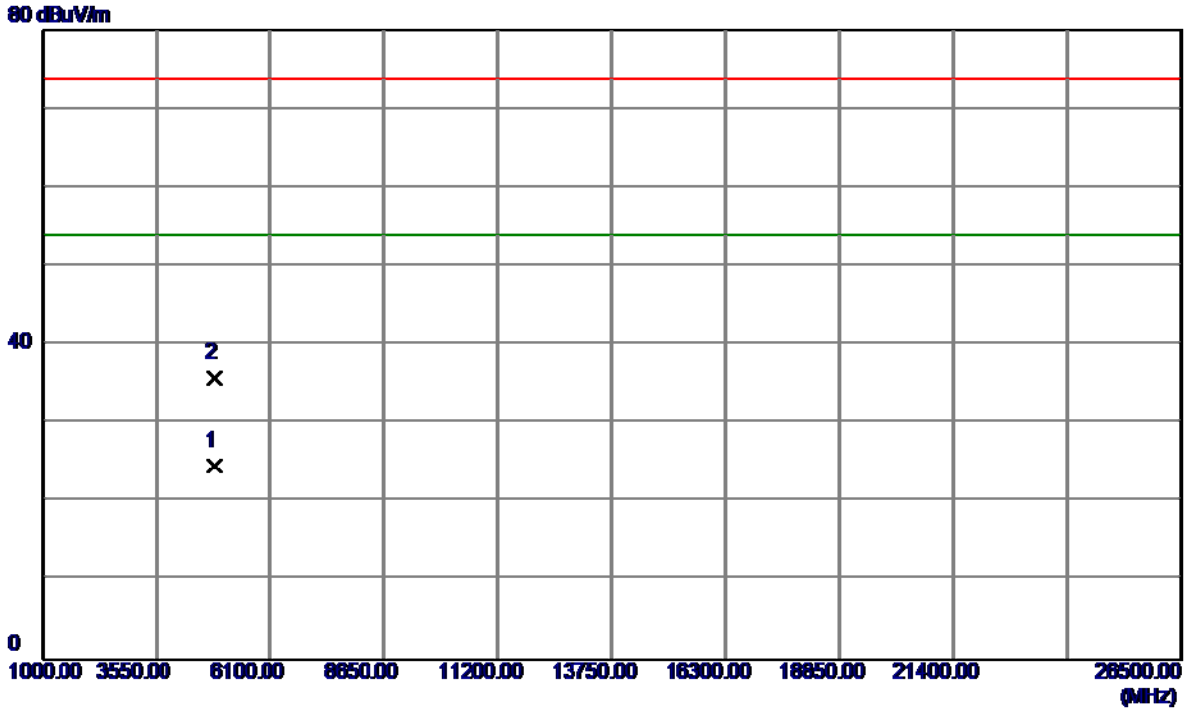
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	19.35	34.23	53.58	74.00	-20.42	Peak	
2	2390.0000	7.81	34.23	42.04	54.00	-11.96	AVG	
3	2417.4000	63.21	34.39	97.60	74.00	23.60	Peak	No Limit
4	2429.2000	53.61	34.46	88.07	54.00	34.07	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz_ANT 1

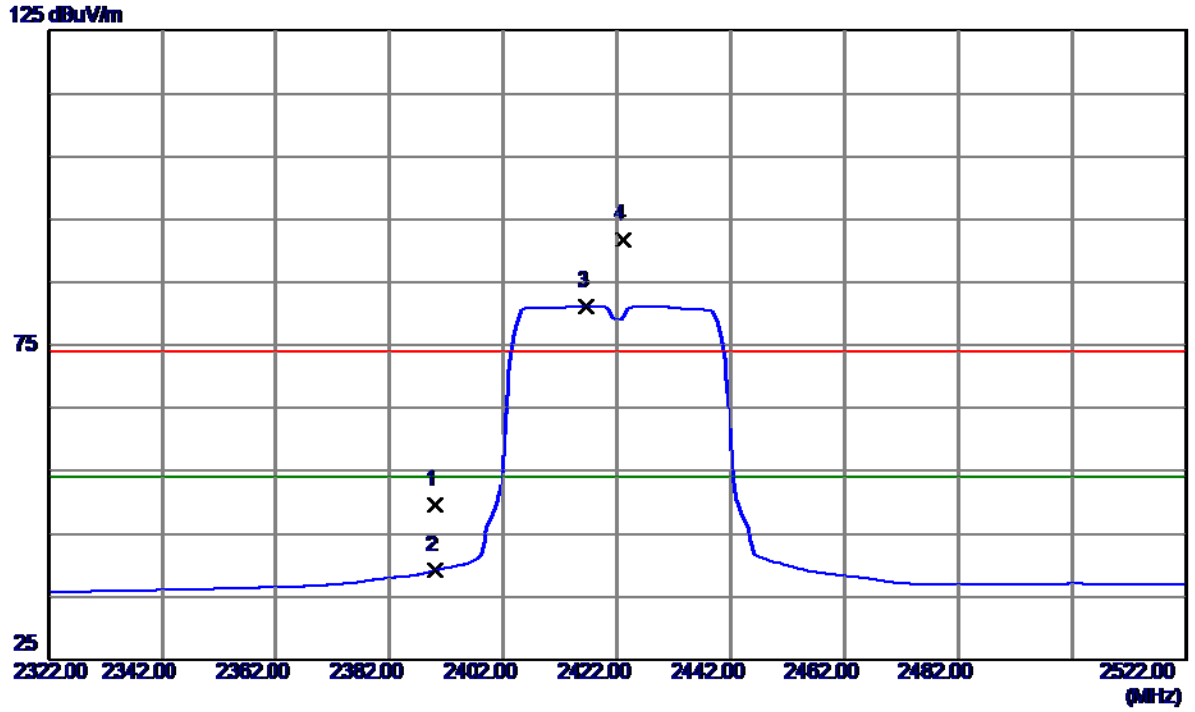
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.5400	21.69	3.01	24.70	54.00	-29.30	AVG	
2	4843.9200	32.85	3.01	35.86	74.00	-38.14	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz_ANT 1

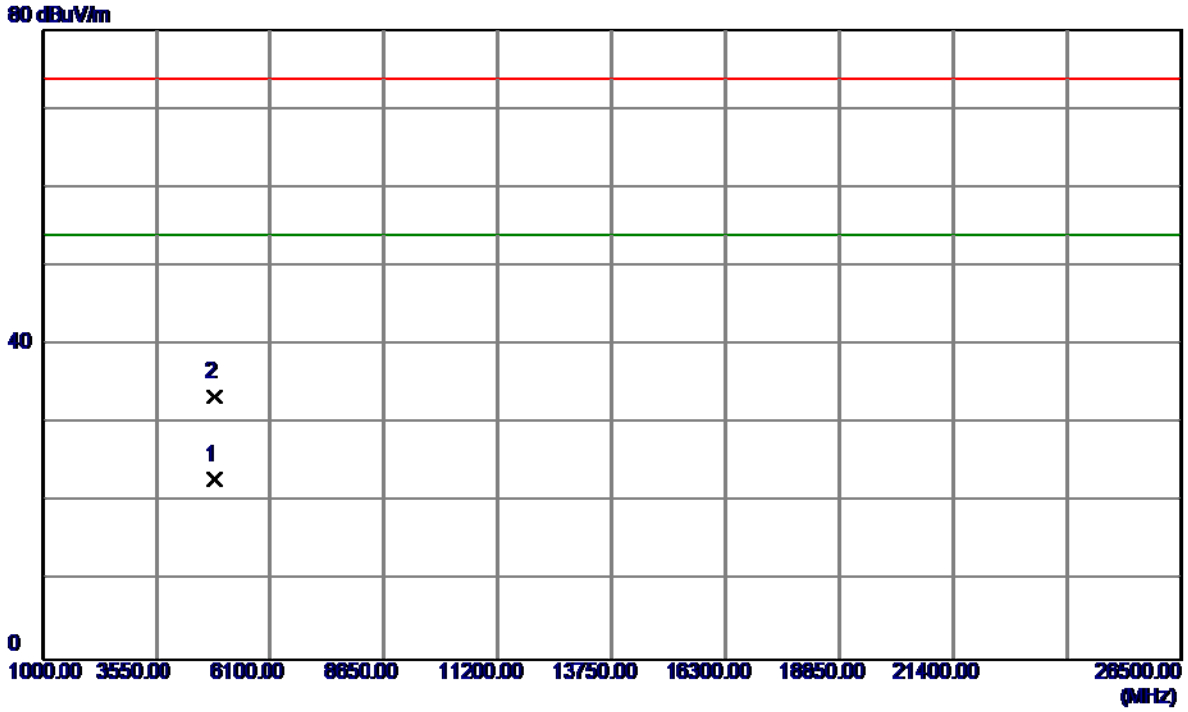
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	15.37	34.23	49.60	74.00	-24.40	Peak	
2	2390.0000	4.95	34.23	39.18	54.00	-14.82	AVG	
3	2416.6000	46.90	34.39	81.29	54.00	27.29	AVG	No Limit
4	2423.2000	57.37	34.42	91.79	74.00	17.79	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz_ANT 1

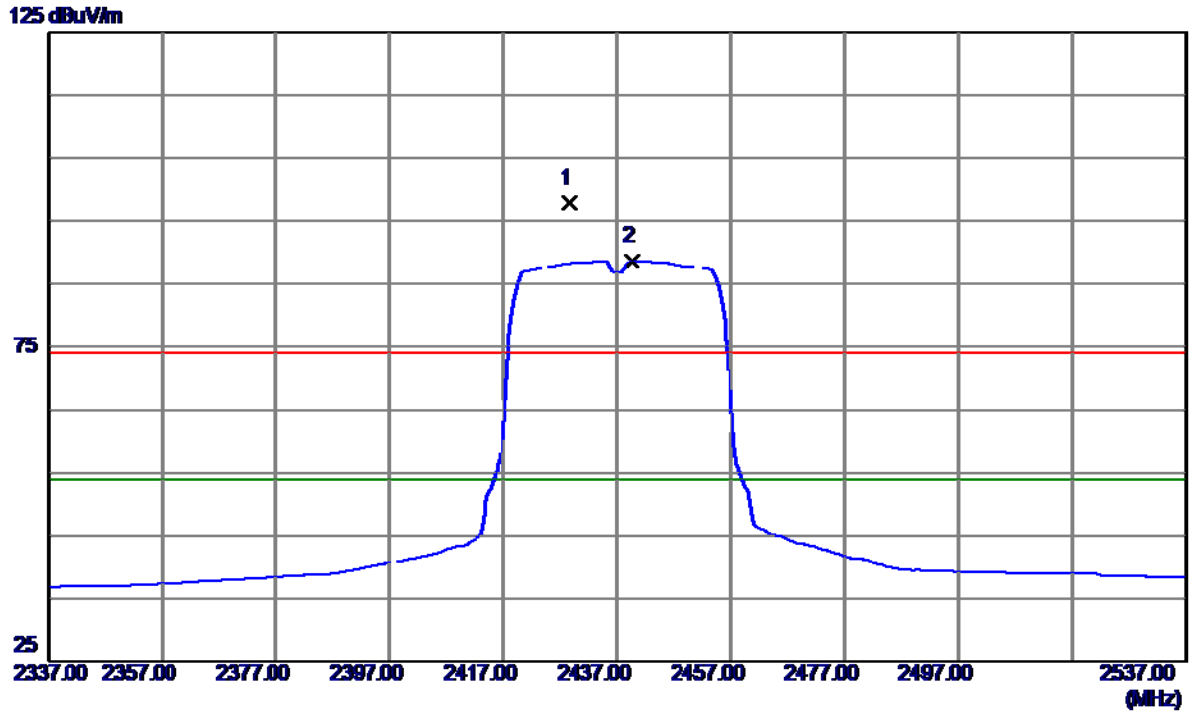
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.1000	19.89	3.01	22.90	54.00	-31.10	AVG	
2	4844.0000	30.36	3.01	33.37	74.00	-40.63	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz_ANT 1

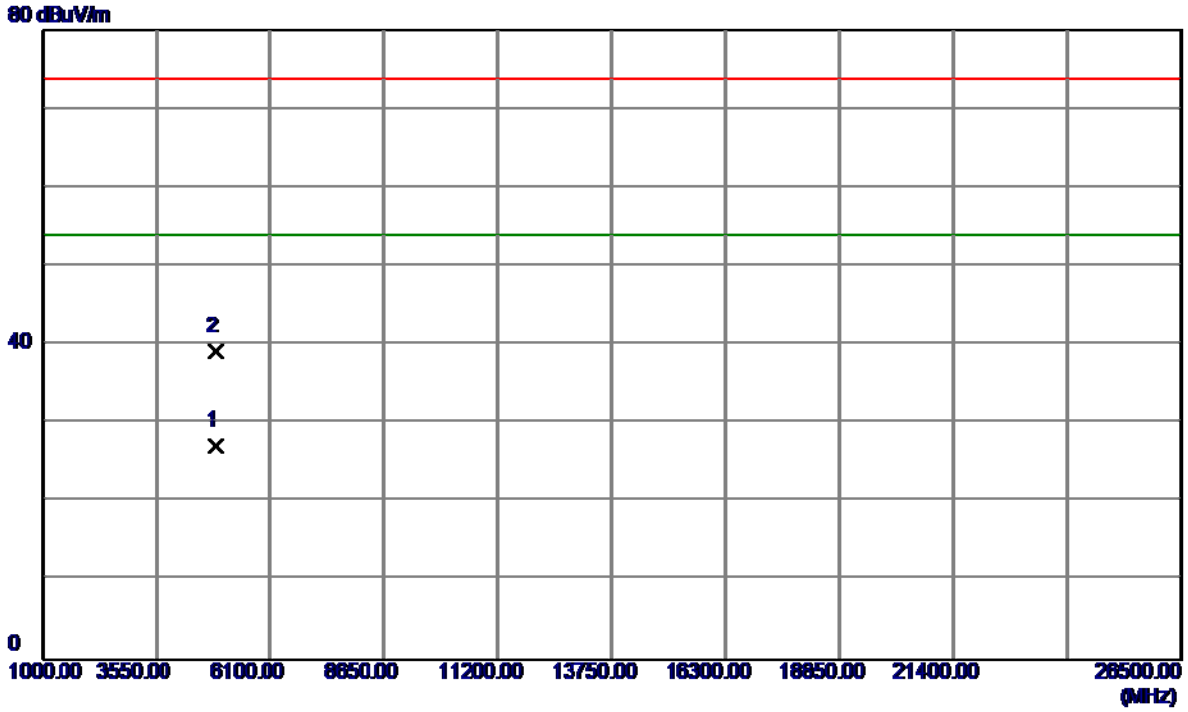
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2428.6000	63.34	34.46	97.80	74.00	23.80	Peak	No Limit
2	2439.6000	54.09	34.52	88.61	54.00	34.61	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz_ANT 1

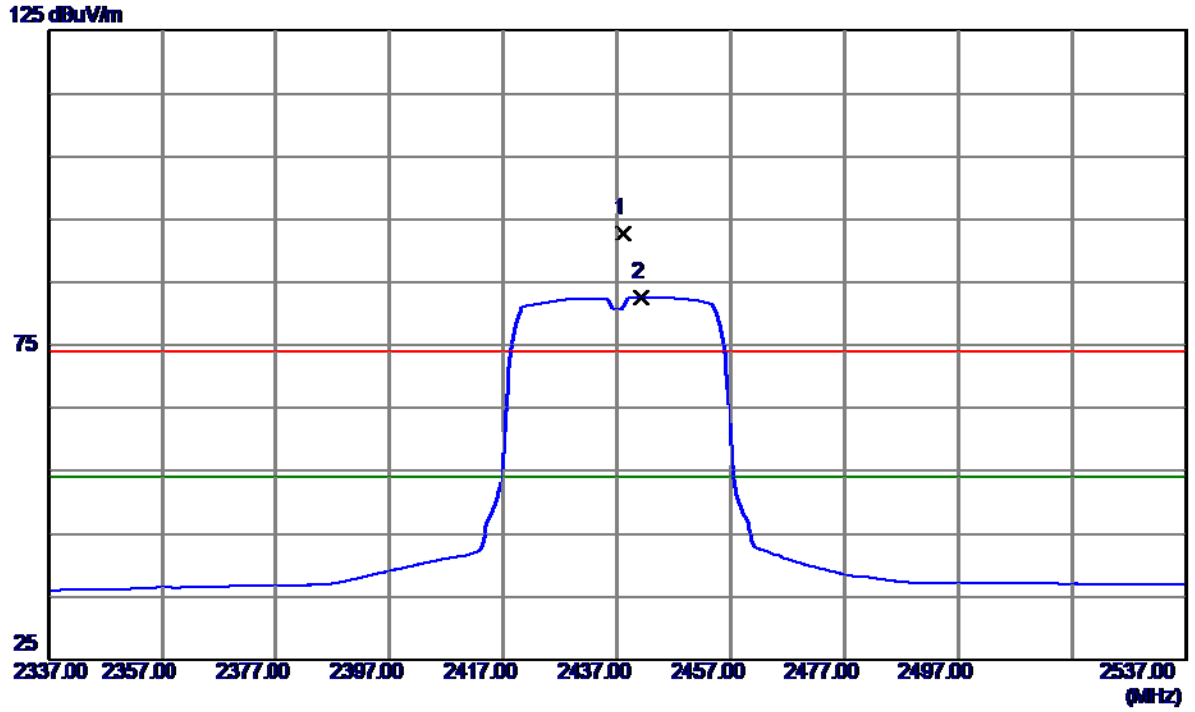
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.7599	24.21	3.03	27.24	54.00	-26.76	AVG	
2	4873.8300	36.15	3.03	39.18	74.00	-34.82	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz_ANT 1

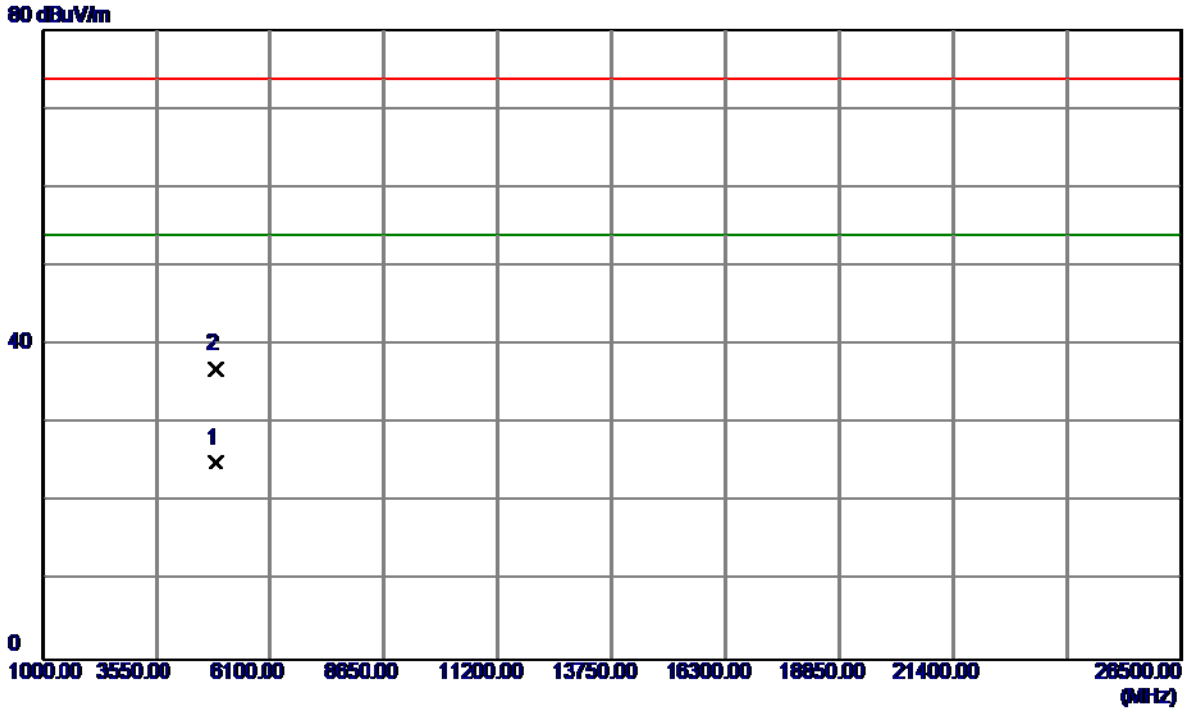
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2438.2000	58.35	34.51	92.86	74.00	18.86	Peak	No Limit
2	2441.2000	48.16	34.53	82.69	54.00	28.69	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz_ANT 1

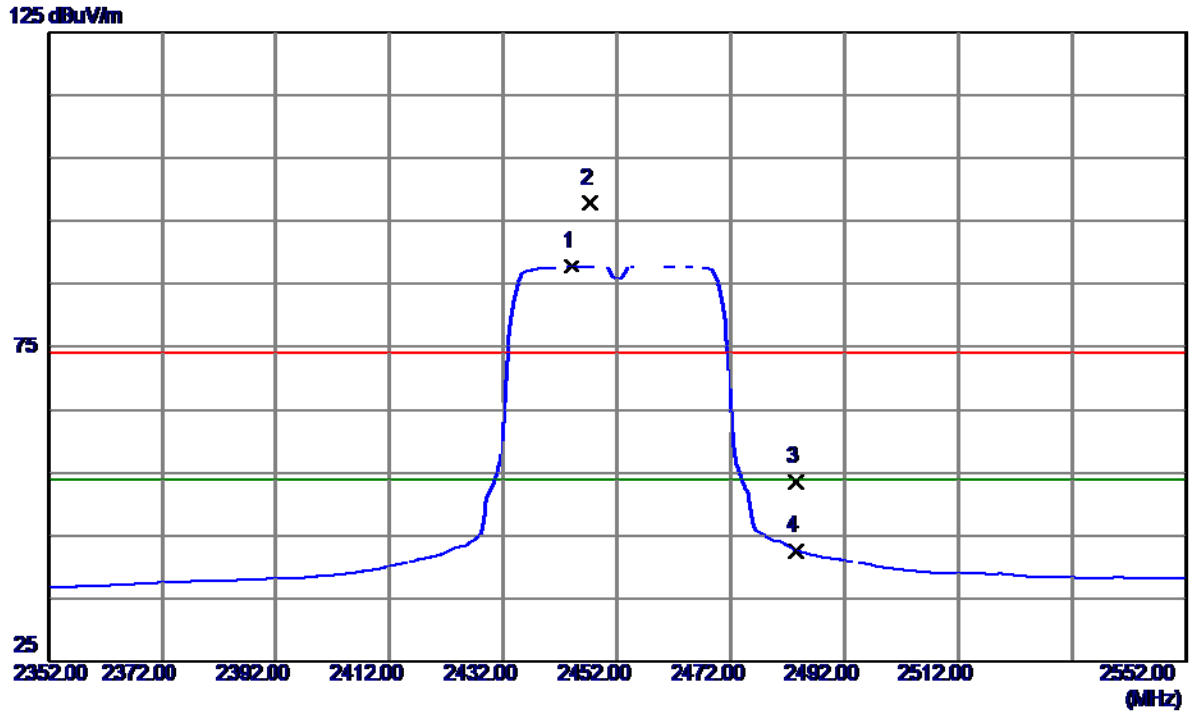
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9000	22.01	3.03	25.04	54.00	-28.96	AVG	
2	4873.8300	33.97	3.03	37.00	74.00	-37.00	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz_ANT 1

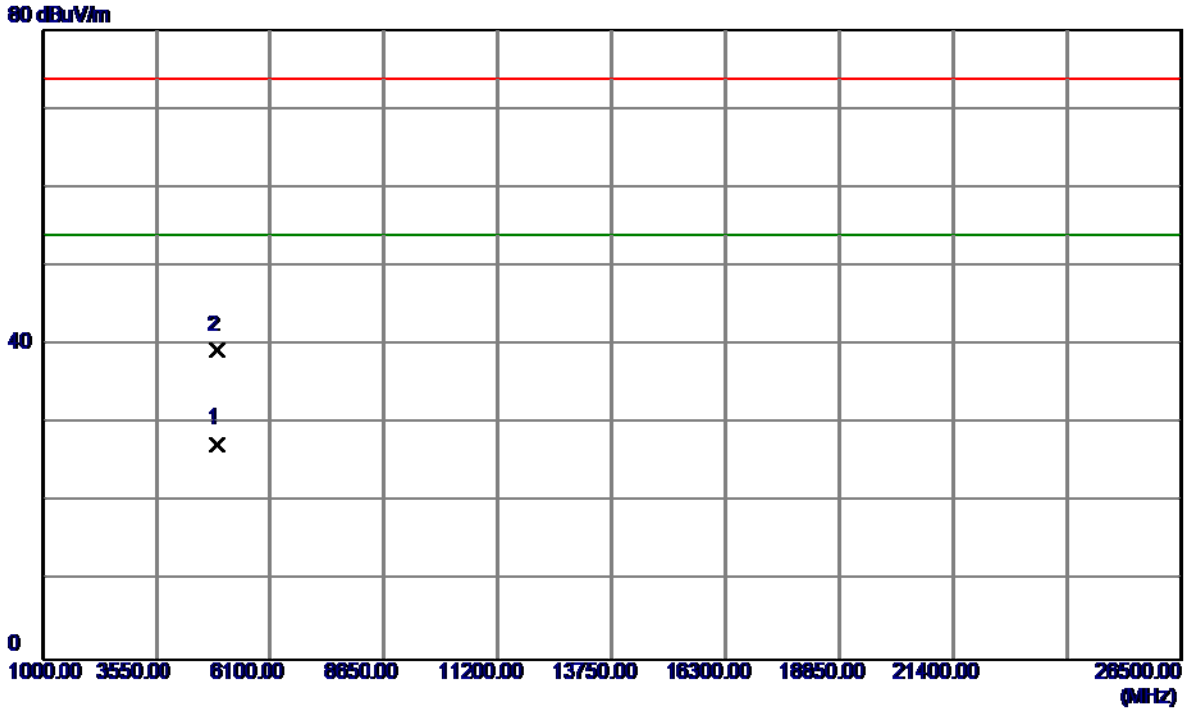
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2444.0000	53.20	34.55	87.75	54.00	33.75	AVG	No Limit
2	2447.4000	63.19	34.56	97.75	74.00	23.75	Peak	No Limit
3	2483.5000	18.88	34.77	53.65	74.00	-20.35	Peak	
4	2483.5000	7.92	34.77	42.69	54.00	-11.31	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz_ANT 1

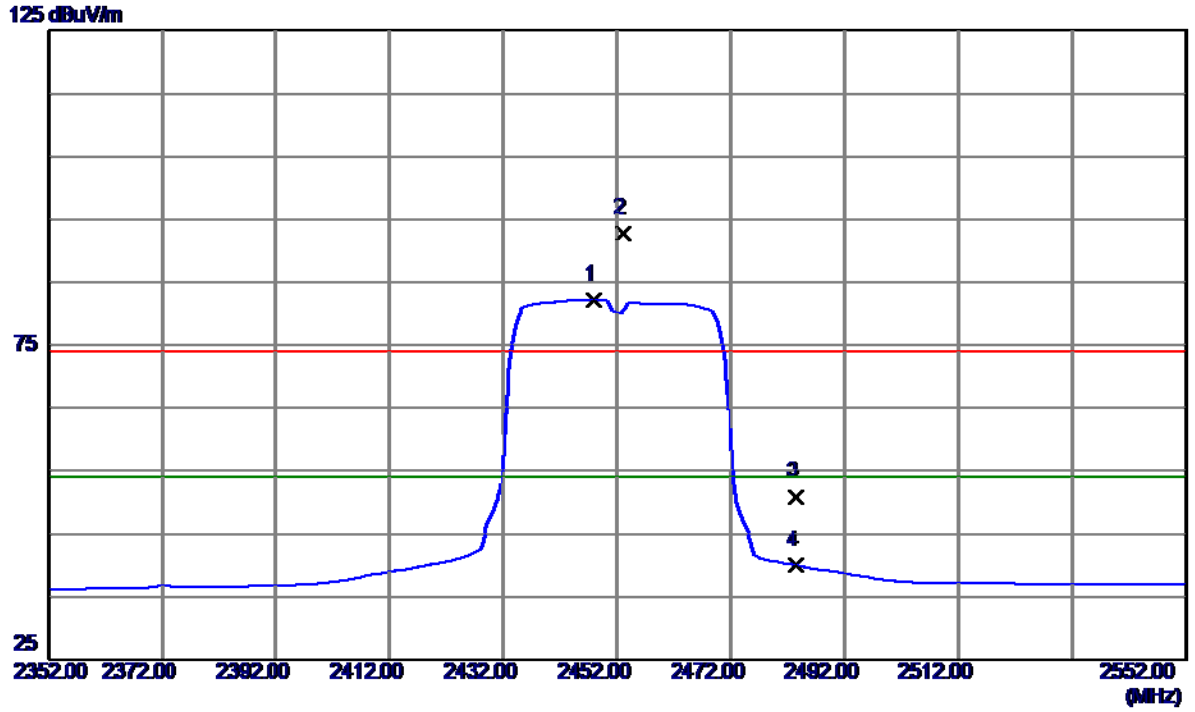
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.5000	24.40	3.04	27.44	54.00	-26.56	AVG	
2	4904.0000	36.34	3.04	39.38	74.00	-34.62	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz_ANT 1

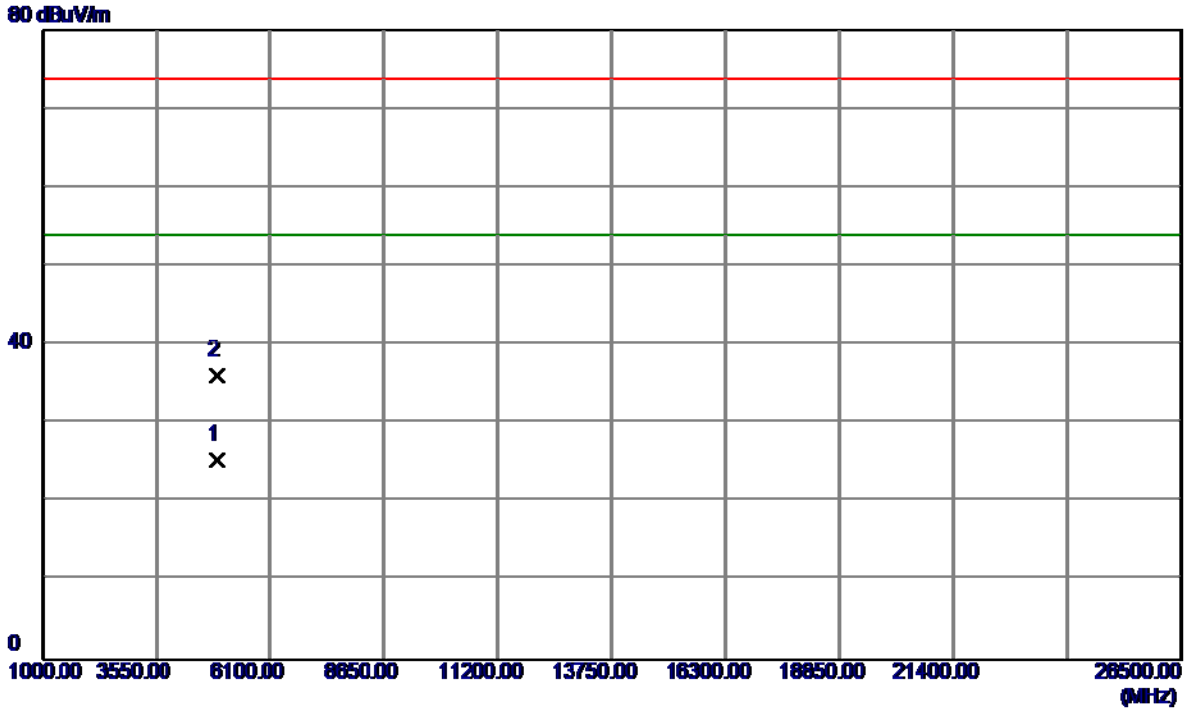
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2448.0000	47.62	34.57	82.19	54.00	28.19	AVG	No Limit
2	2453.2000	58.13	34.60	92.73	74.00	18.73	Peak	No Limit
3	2483.5000	16.13	34.77	50.90	74.00	-23.10	Peak	
4	2483.5000	5.19	34.77	39.96	54.00	-14.04	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz_ANT 1

Horizontal

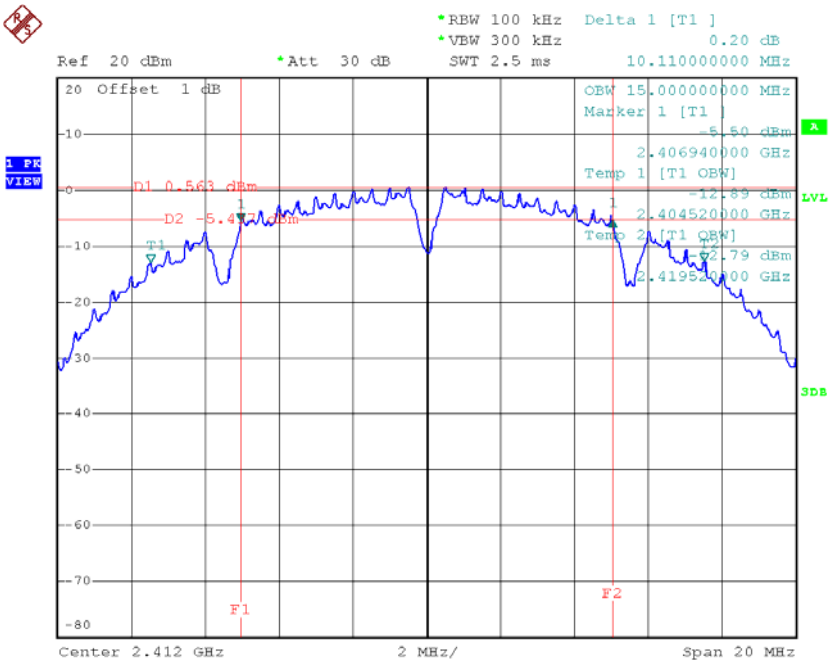


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.8100	22.34	3.04	25.38	54.00	-28.62	AVG	
2	4903.9400	33.19	3.04	36.23	74.00	-37.77	Peak	

ATTACHMENT E - BANDWIDTH

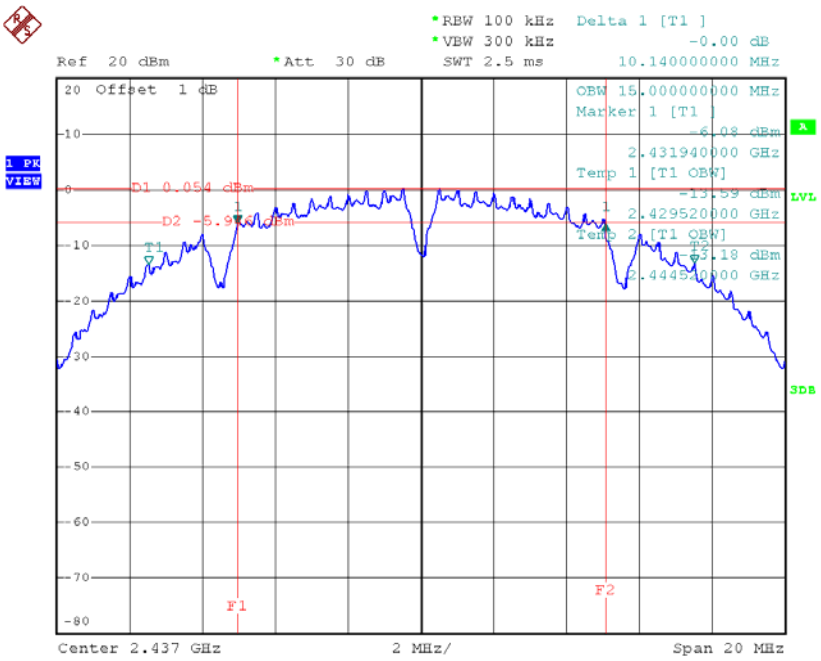
Test Mode : TX B Mode_CH01/06/11_ANT 1				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.11	15.00	500	Complies
2437	10.14	15.00	500	Complies
2462	10.14	15.04	500	Complies

TX CH01



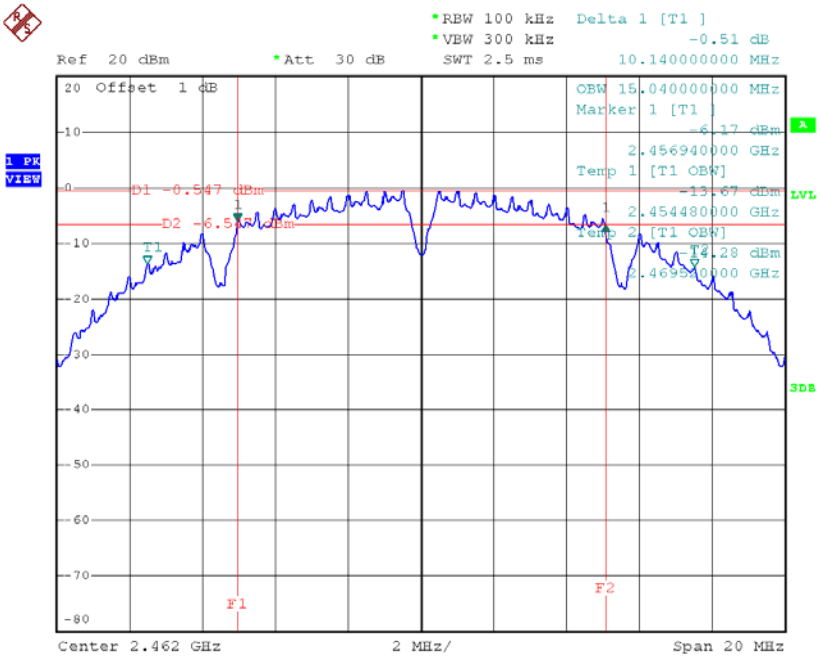
Date: 3.MAR.2016 15:18:48

TX CH06



Date: 3.MAR.2016 15:20:16

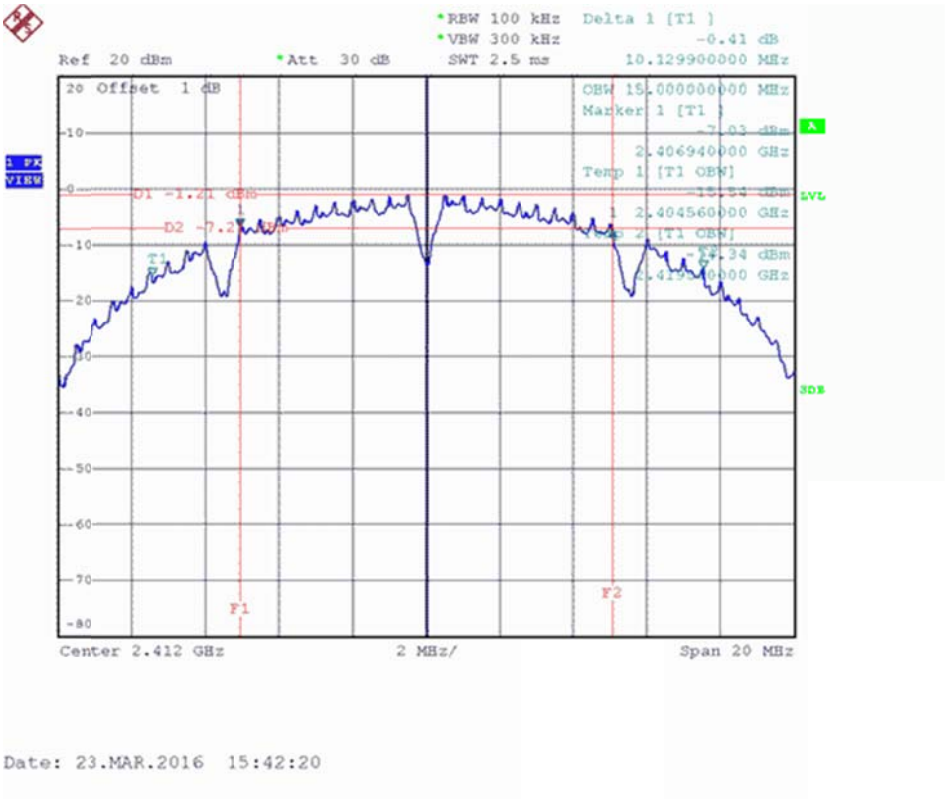
TX CH11



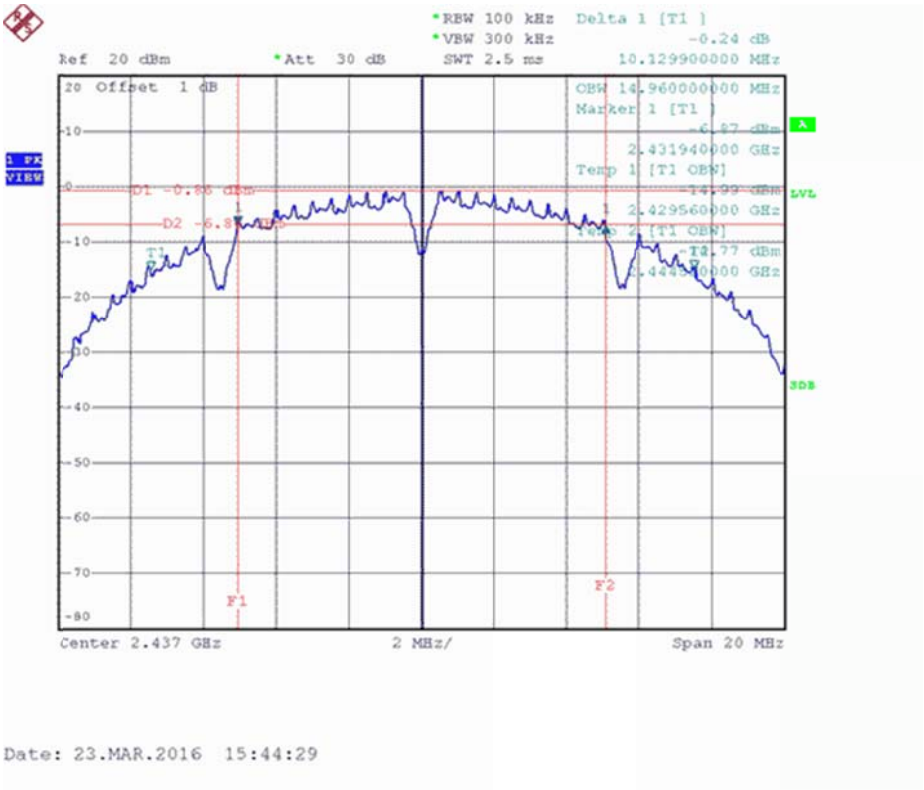
Date: 3.MAR.2016 15:21:37

Test Mode : TX B Mode_CH01/06/11_ANT 2				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.13	15.00	500	Complies
2437	10.13	14.96	500	Complies
2462	10.08	14.96	500	Complies

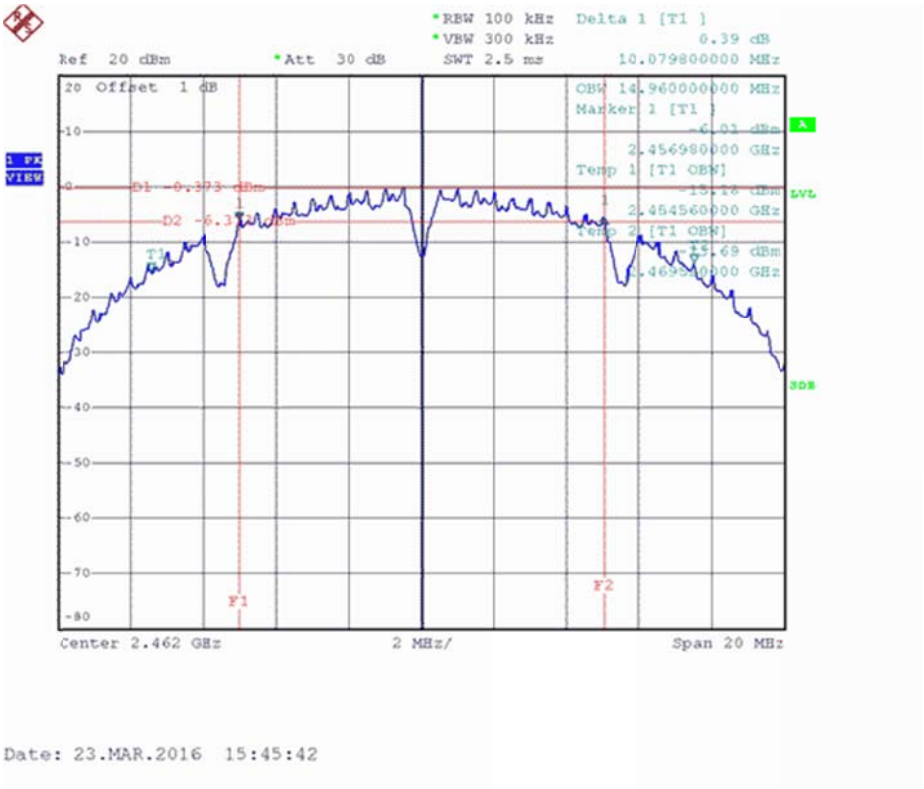
TX CH01



TX CH06



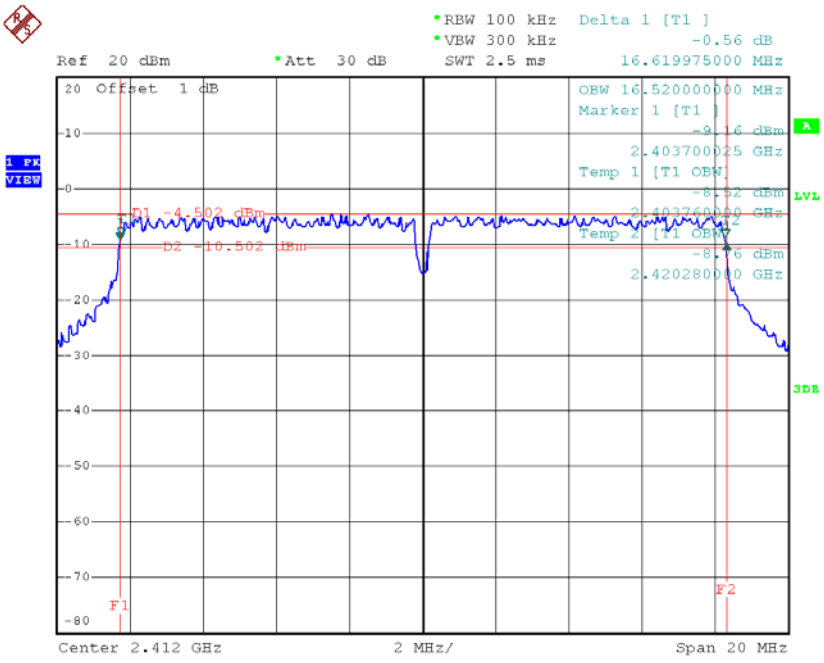
TX CH11



Test Mode: TX G Mode_CH01/06/11_ANT 1				

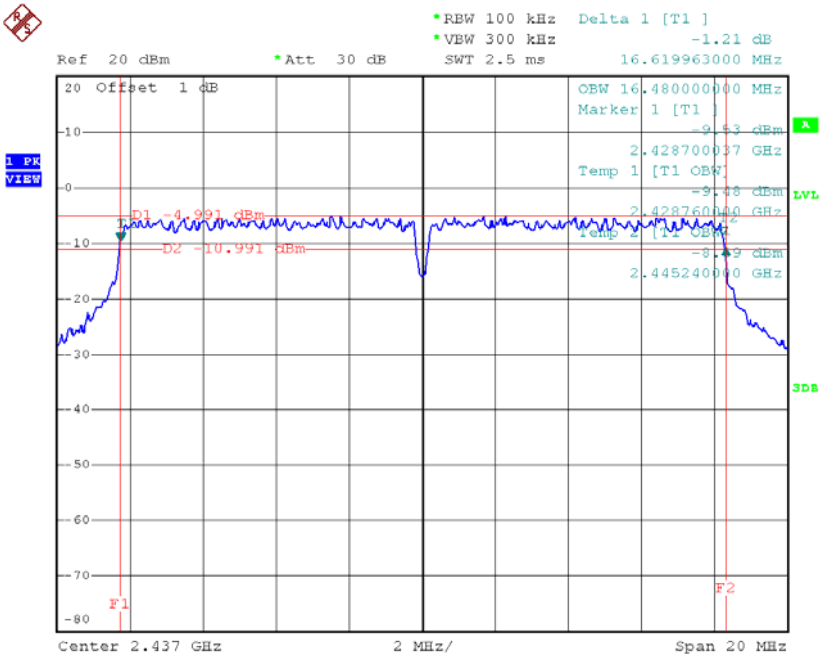
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.62	16.52	500	Complies
2437	16.62	16.48	500	Complies
2462	16.64	16.48	500	Complies

TX CH01



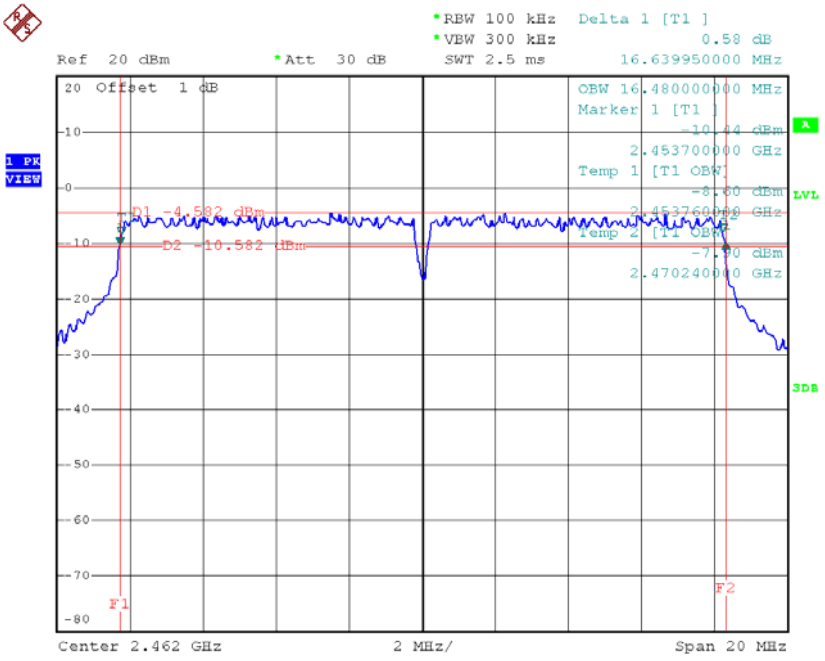
Date: 3.MAR.2016 15:22:57

TX CH06



Date: 3.MAR.2016 15:24:12

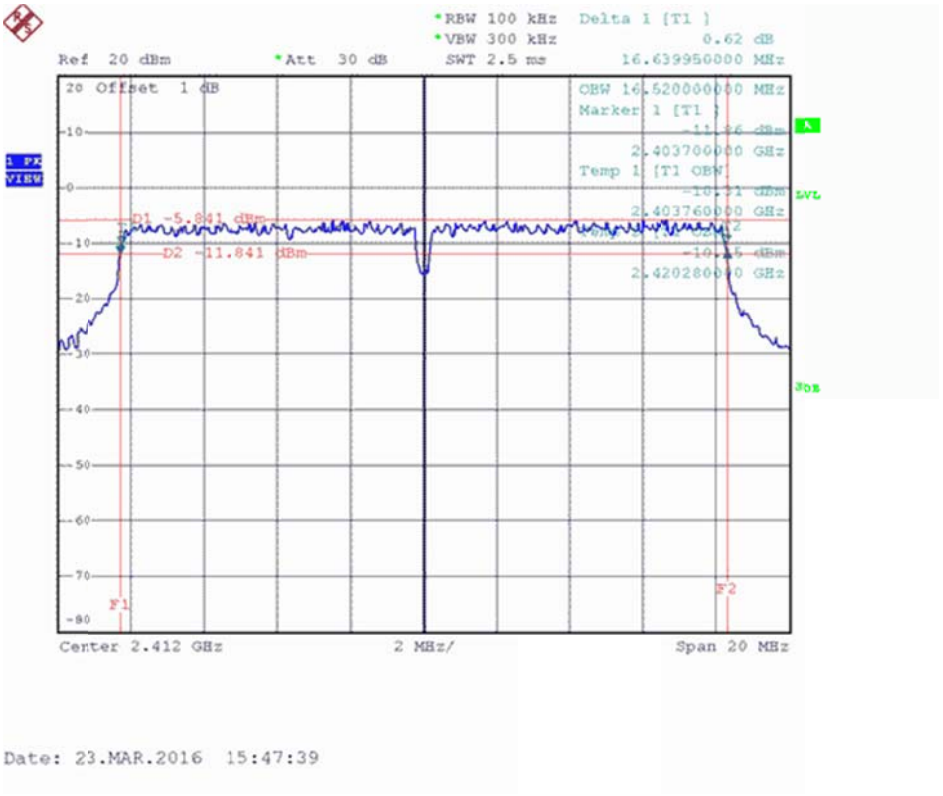
TX CH11



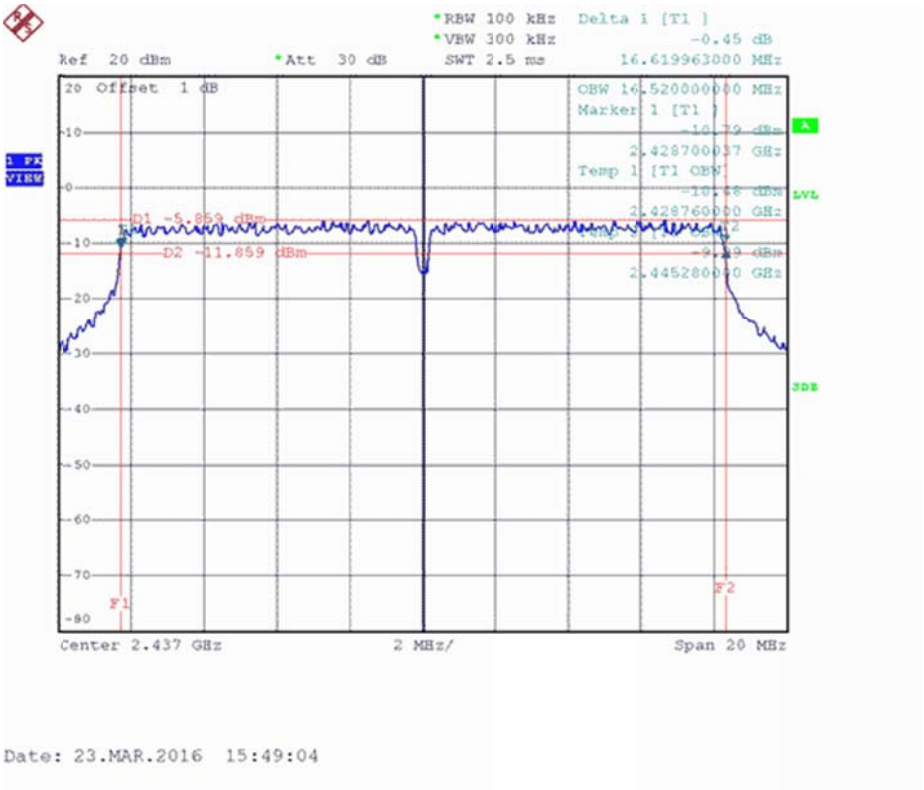
Date: 3.MAR.2016 15:25:23

Test Mode: TX G Mode_CH01/06/11_ANT 2				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.64	16.52	500	Complies
2437	16.62	16.52	500	Complies
2462	16.64	16.52	500	Complies

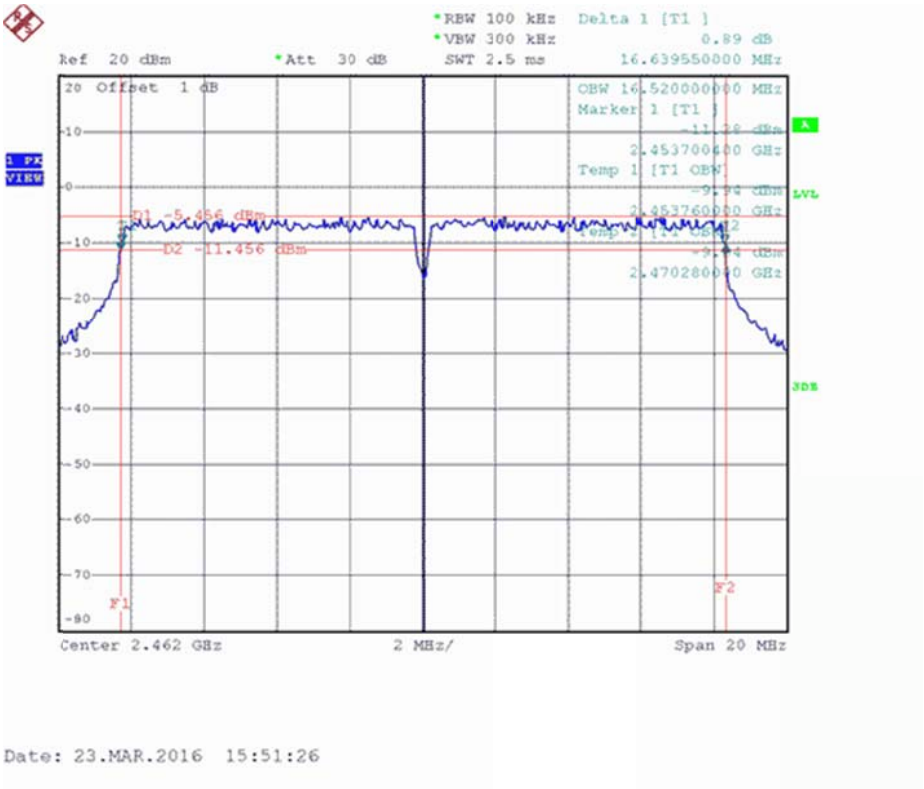
TX CH01



TX CH06

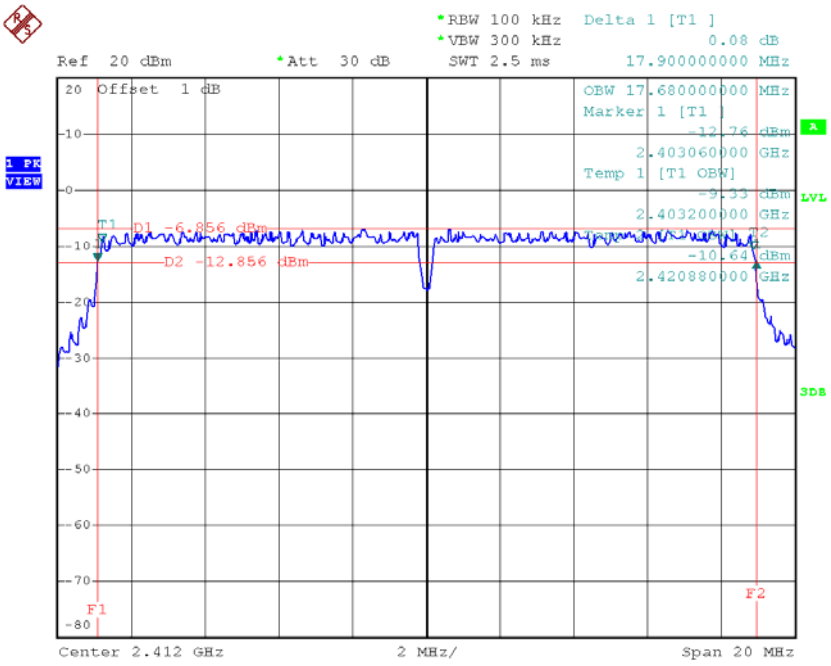


TX CH11

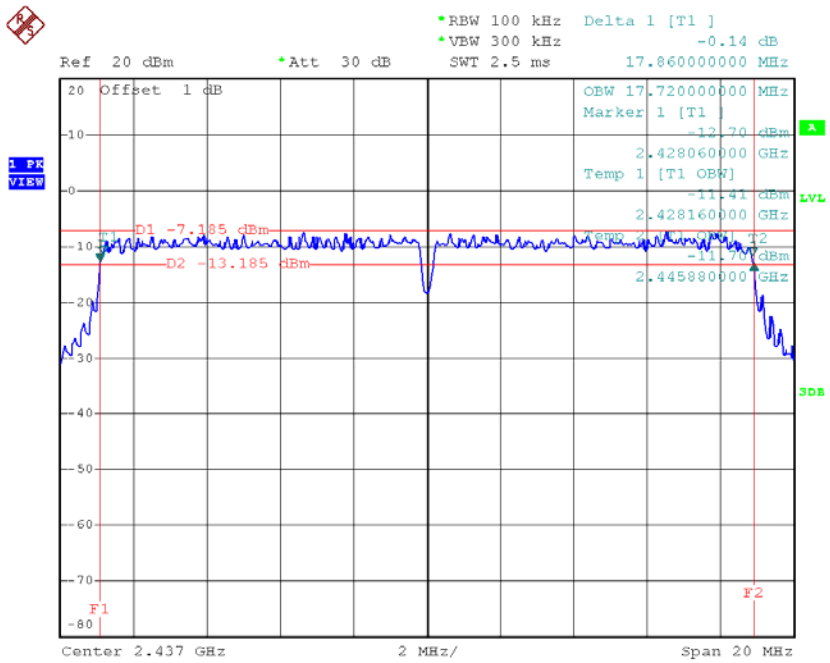


Test Mode : TX N-20MHz Mode_CH01/06/11_ANT 1				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.90	17.68	500	Complies
2437	17.86	17.72	500	Complies
2462	17.85	17.72	500	Complies

TX CH01

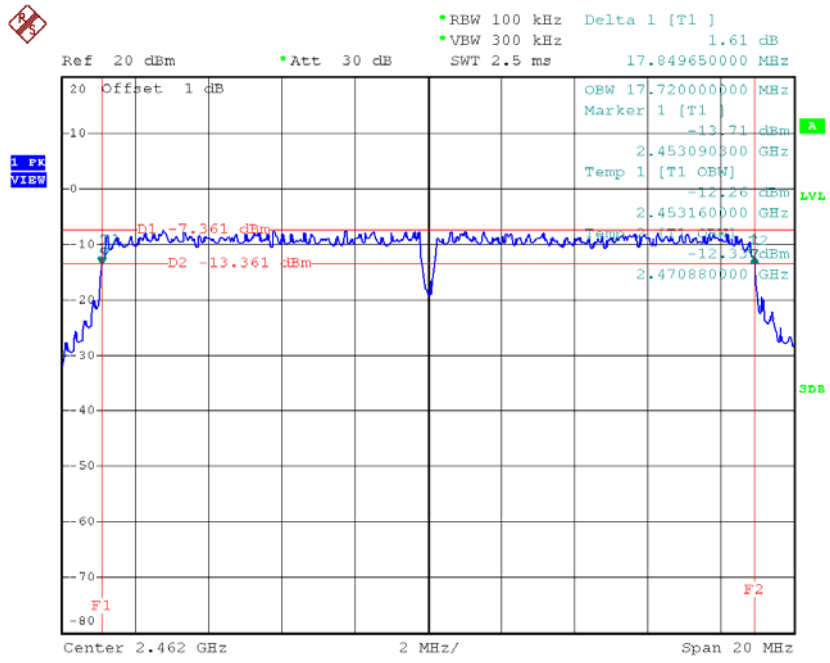


TX CH06



Date: 3.MAR.2016 15:28:10

TX CH11

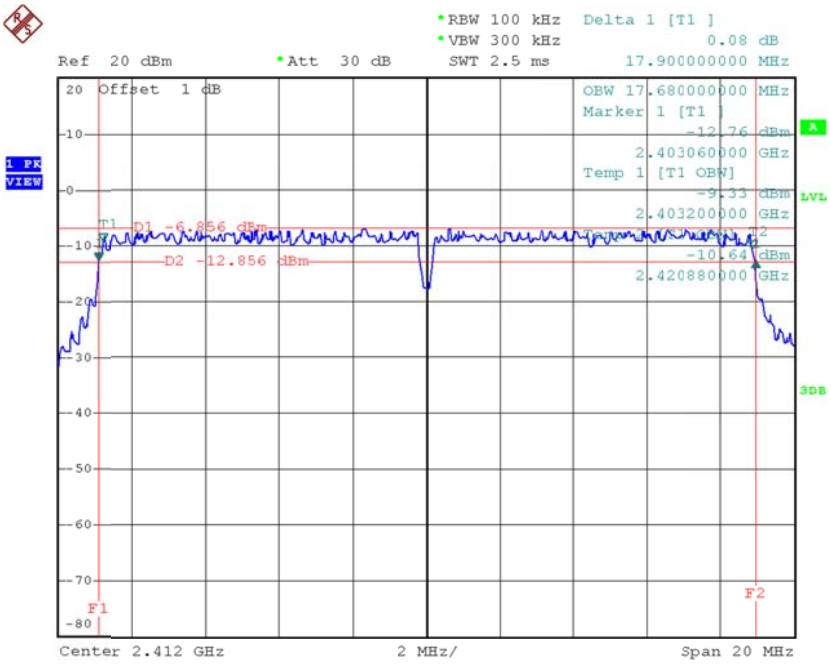


Date: 3.MAR.2016 15:29:28

Test Mode : TX N-20MHz Mode_CH01/06/11_ANT 2

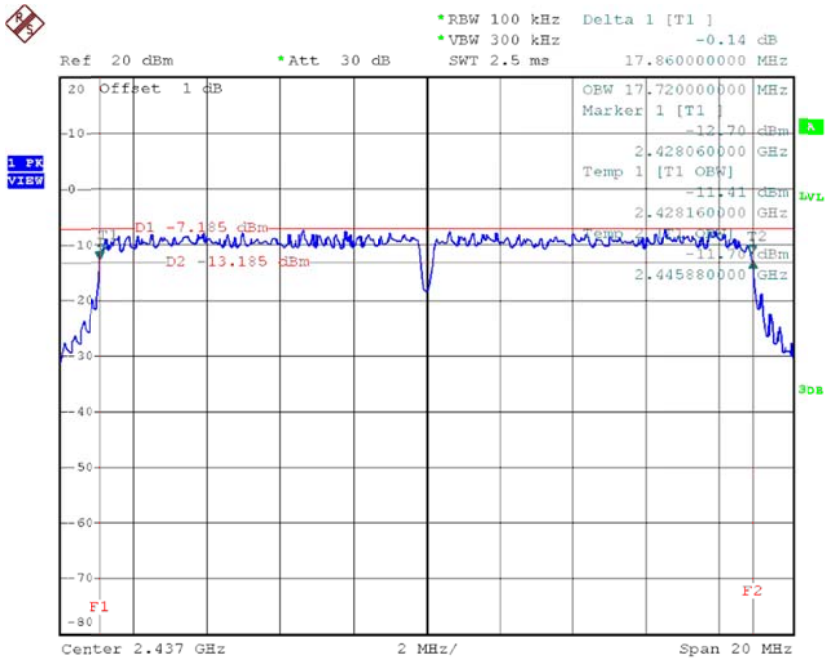
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.90	17.68	500	Complies
2437	17.86	17.72	500	Complies
2462	17.85	17.72	500	Complies

TX CH01



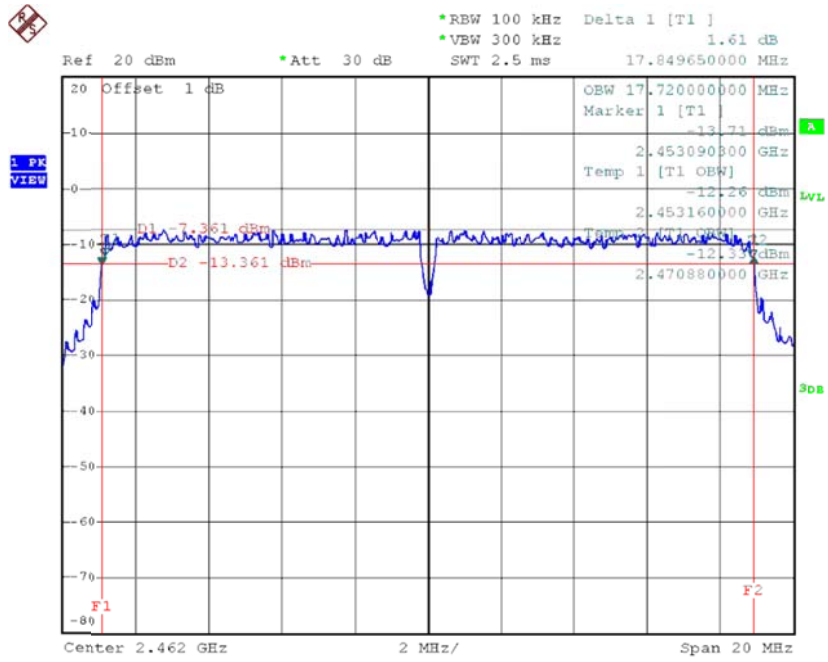
Date: 3.MAR.2016 15:27:09

TX CH06



Date: 3.MAR.2016 15:28:10

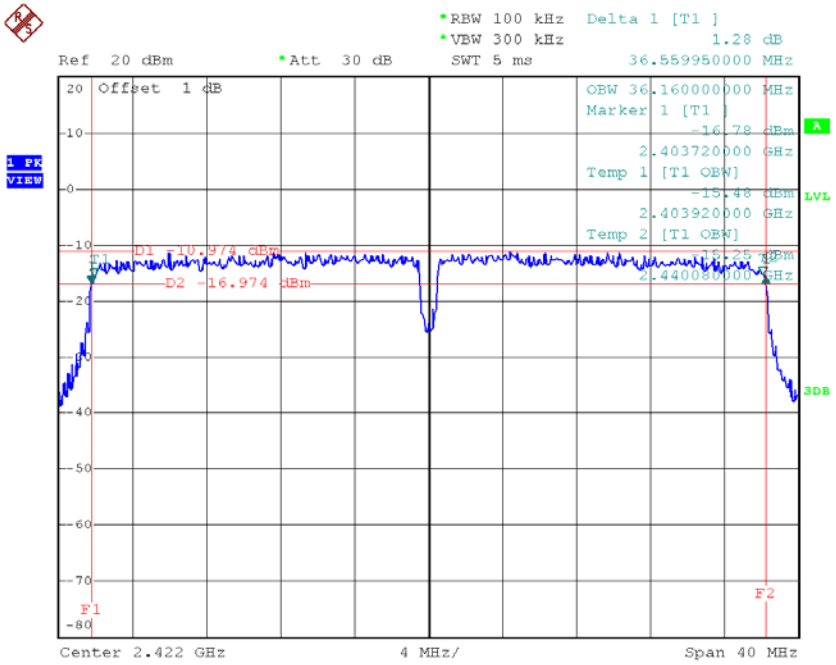
TX CH11



Date: 3.MAR.2016 15:29:28

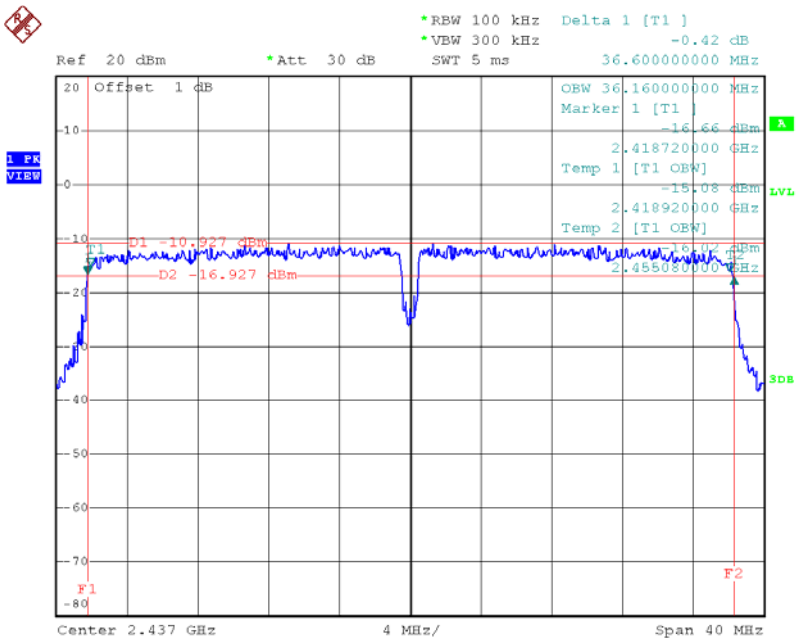
Test Mode : TX N-40MHz Mode_CH03/06/09_ANT 1				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.56	36.16	500	Complies
2437	36.60	36.16	500	Complies
2452	36.56	36.16	500	Complies

TX CH03



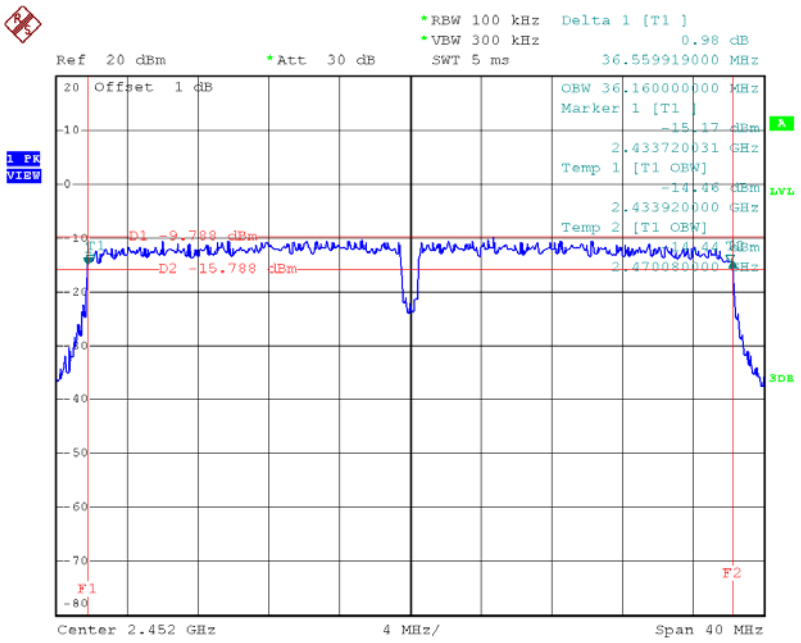
Date: 3.MAR.2016 15:38:43

TX CH06



Date: 3.MAR.2016 15:39:45

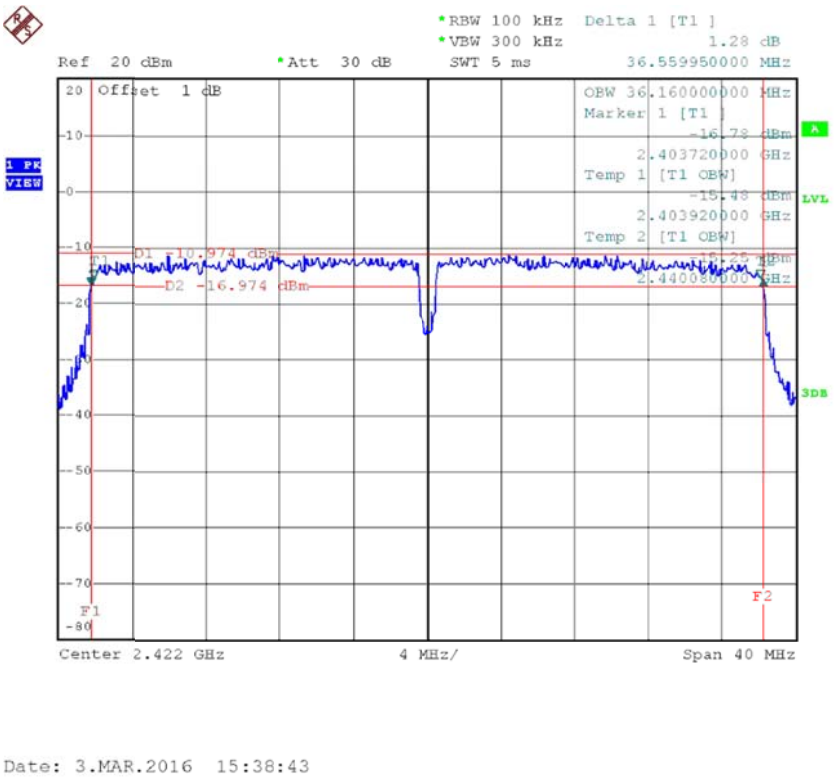
TX CH09



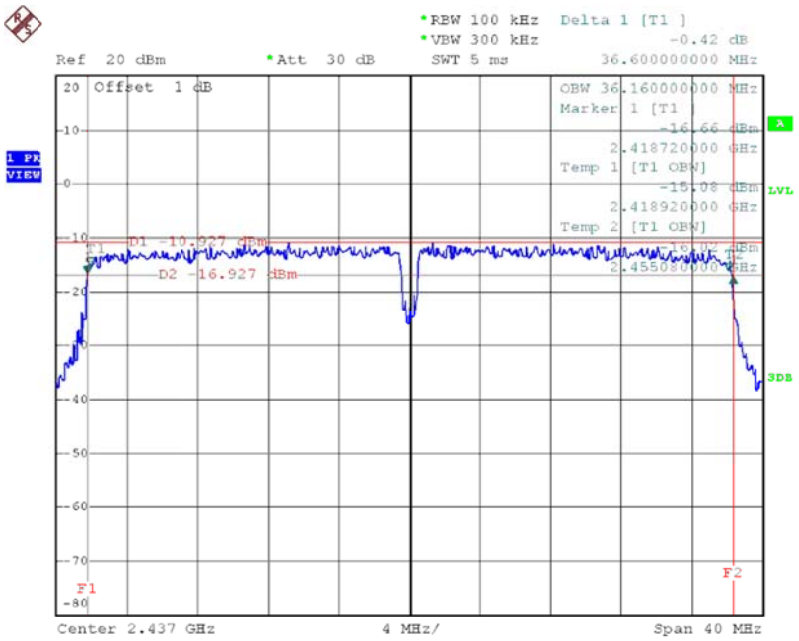
Date: 3.MAR.2016 15:40:42

Test Mode : TX N-40MHz Mode_CH03/06/09_ANT 2				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.56	36.16	500	Complies
2437	36.60	36.16	500	Complies
2452	36.56	36.16	500	Complies

TX CH03

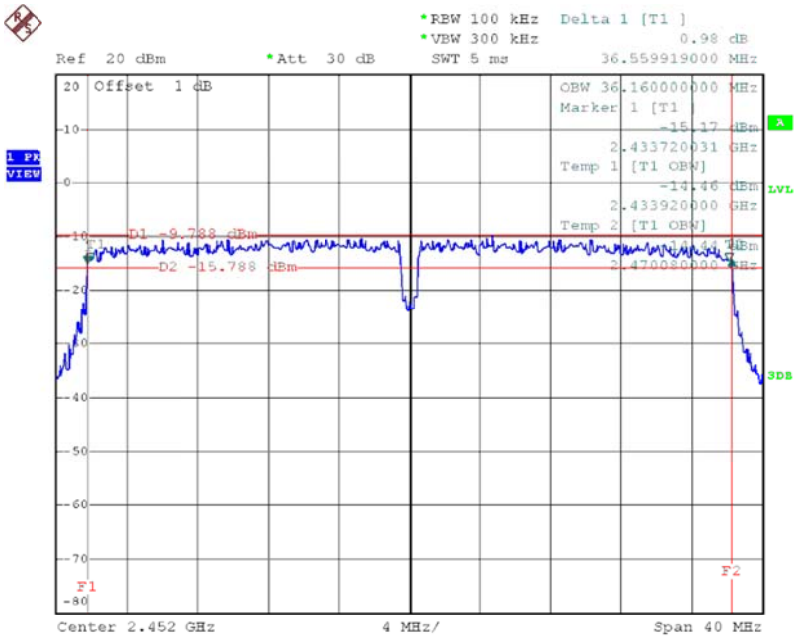


TX CH06



Date: 3.MAR.2016 15:39:45

TX CH09



Date: 3.MAR.2016 15:40:42

ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.71	0.0094	30.00	1.00	Complies
2437	9.65	0.0092	30.00	1.00	Complies
2462	9.69	0.0093	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.58	0.0091	30.00	1.00	Complies
2437	9.47	0.0089	30.00	1.00	Complies
2462	9.42	0.0087	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.66	0.0092	30.00	1.00	Complies
2437	9.63	0.0092	30.00	1.00	Complies
2462	9.72	0.0094	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.61	0.0091	30.00	1.00	Complies
2437	9.49	0.0089	30.00	1.00	Complies
2462	9.53	0.0090	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	6.63	0.0046	30.00	1.00	Complies
2437	6.66	0.0046	30.00	1.00	Complies
2462	6.35	0.0043	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	6.61	0.0046	30.00	1.00	Complies
2437	6.69	0.0047	30.00	1.00	Complies
2462	6.75	0.0047	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.63	0.0092	30.00	1.00	Complies
2437	9.68	0.0093	30.00	1.00	Complies
2462	9.56	0.0090	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 1					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	6.75	0.0047	30.00	1.00	Complies
2437	6.67	0.0046	30.00	1.00	Complies
2452	6.69	0.0047	30.00	1.00	Complies

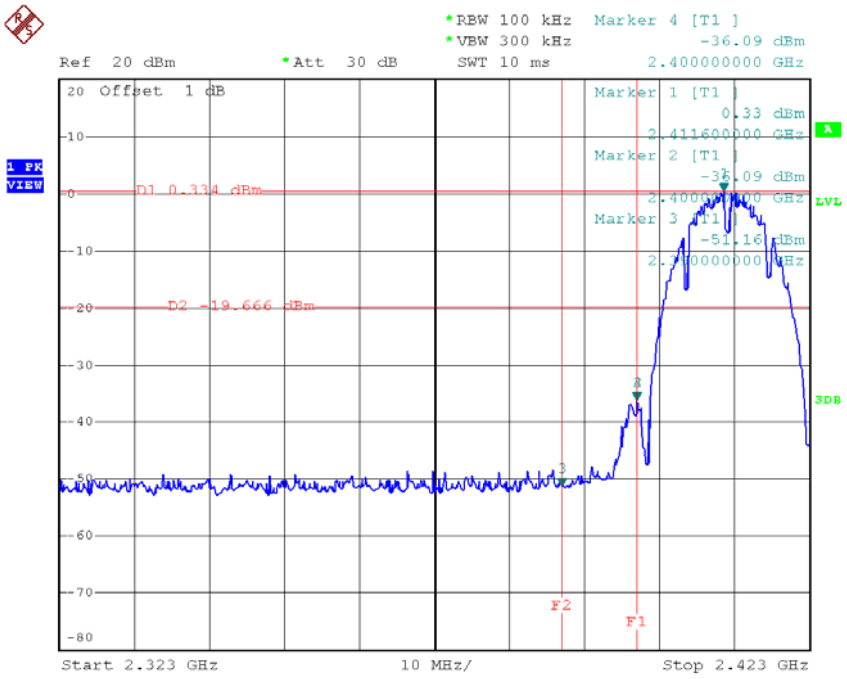
Test Mode :TX N40 Mode_CH03/06/09_ANT 2					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	6.59	0.0046	30.00	1.00	Complies
2437	6.79	0.0048	30.00	1.00	Complies
2452	6.71	0.0047	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted AVG Power (dBm)	Conducted AVG Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	9.68	0.0093	30.00	1.00	Complies
2437	9.74	0.0094	30.00	1.00	Complies
2452	9.71	0.0094	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

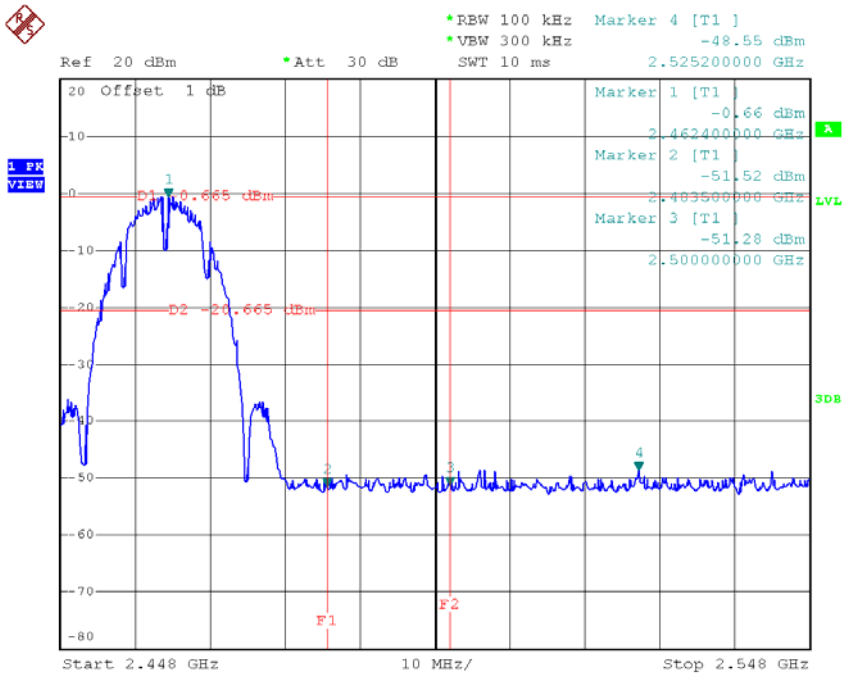
Test Mode :	TX B Mode_ANT 1

TX B mode CH01



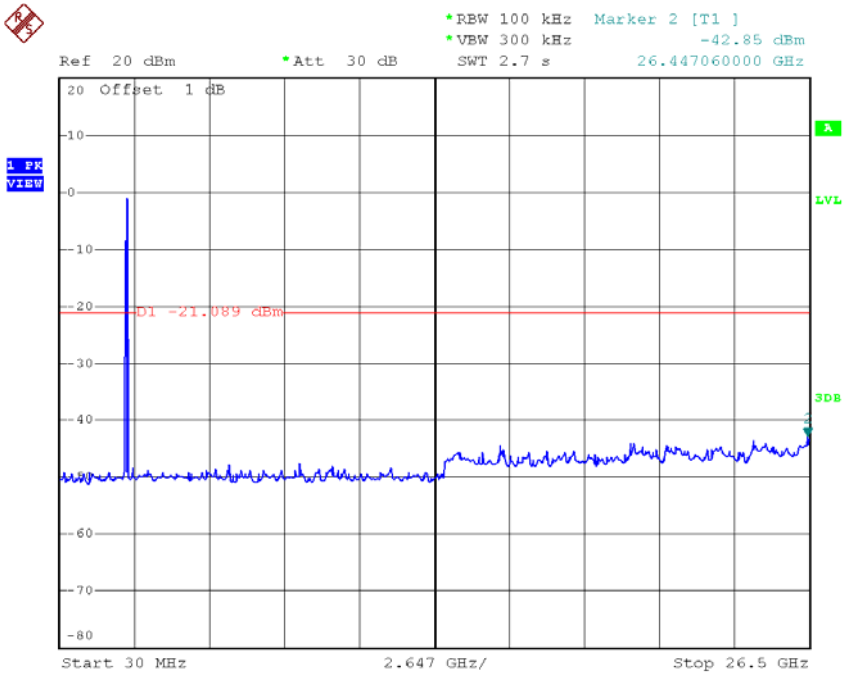
Date: 3.MAR.2016 15:19:10

TX B mode CH11



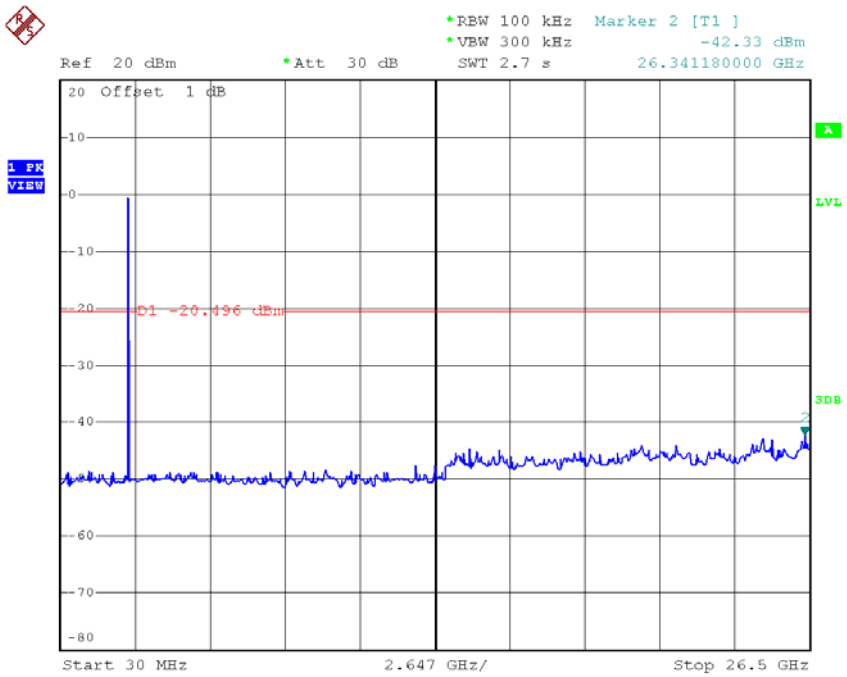
Date: 3.MAR.2016 15:21:59

TX B mode CH01 (10 Harmonic of the frequency)



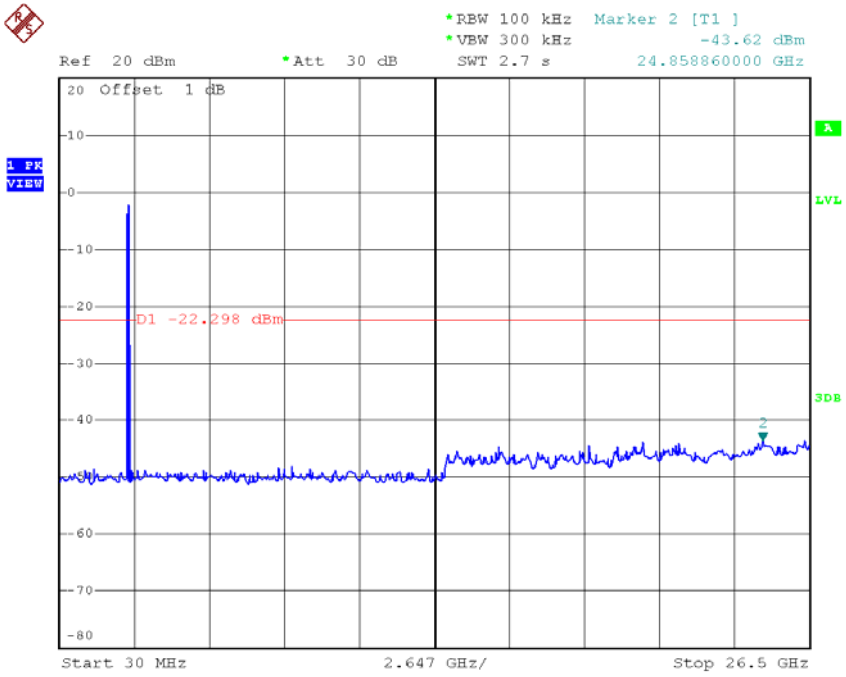
Date: 3.MAR.2016 15:19:03

TX B mode CH06 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:20:30

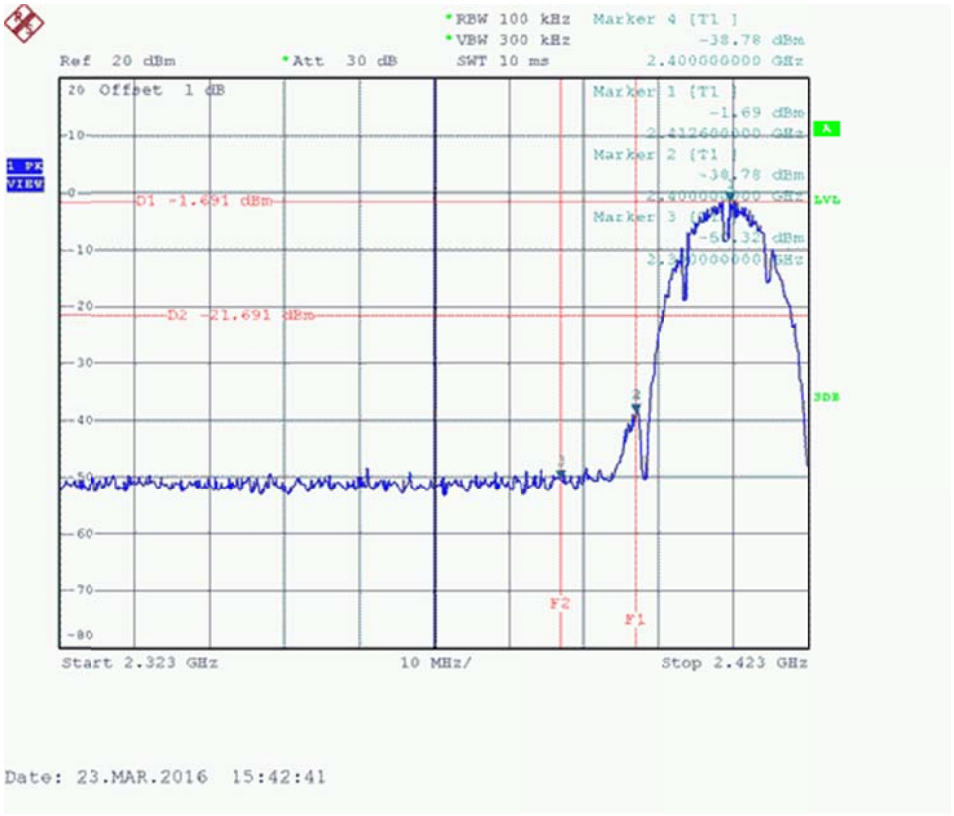
TX B mode CH11 (10 Harmonic of the frequency)



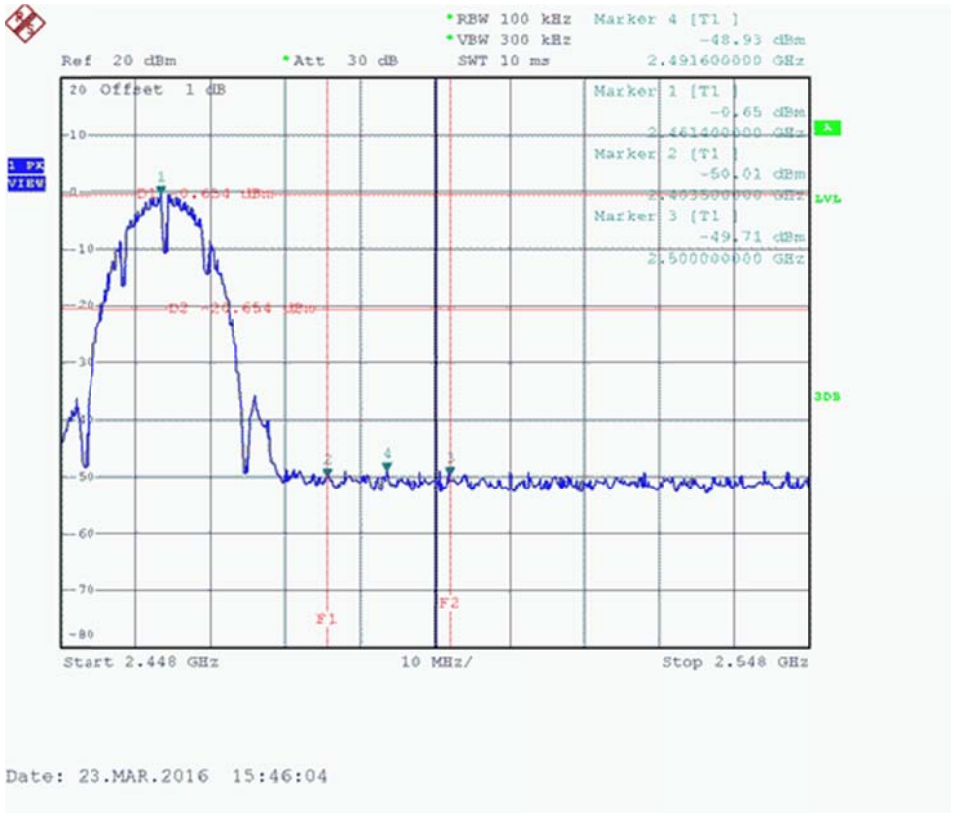
Date: 3.MAR.2016 15:21:51

Test Mode :	TX B Mode_ANT 2

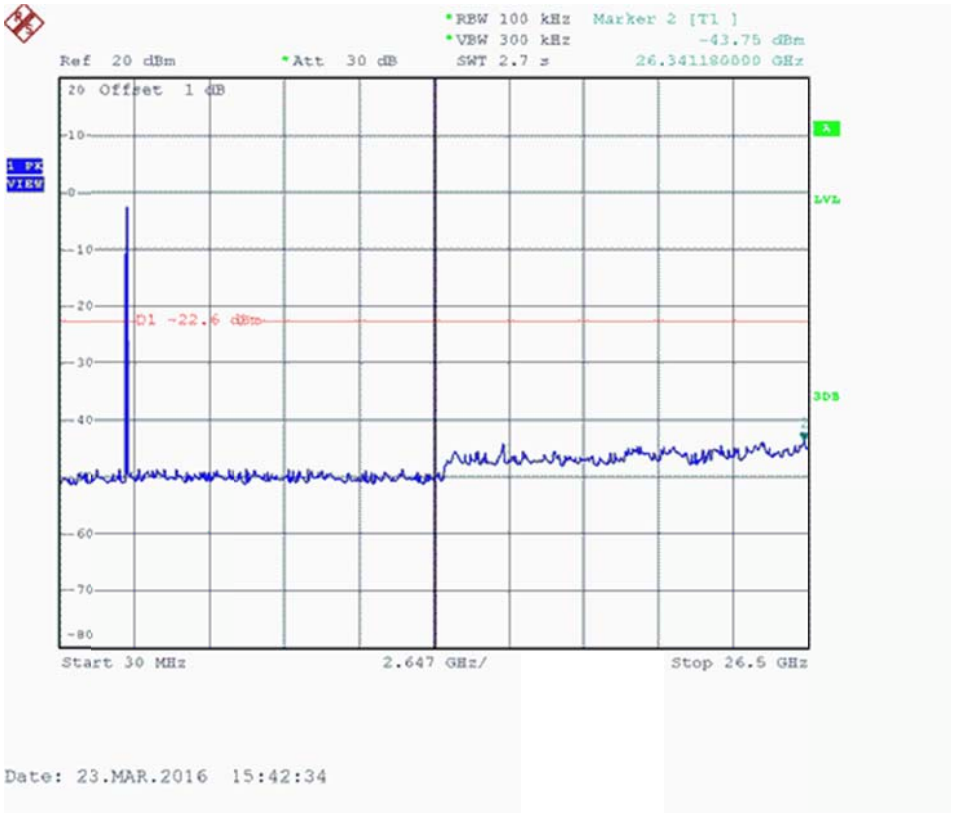
TX B mode CH01



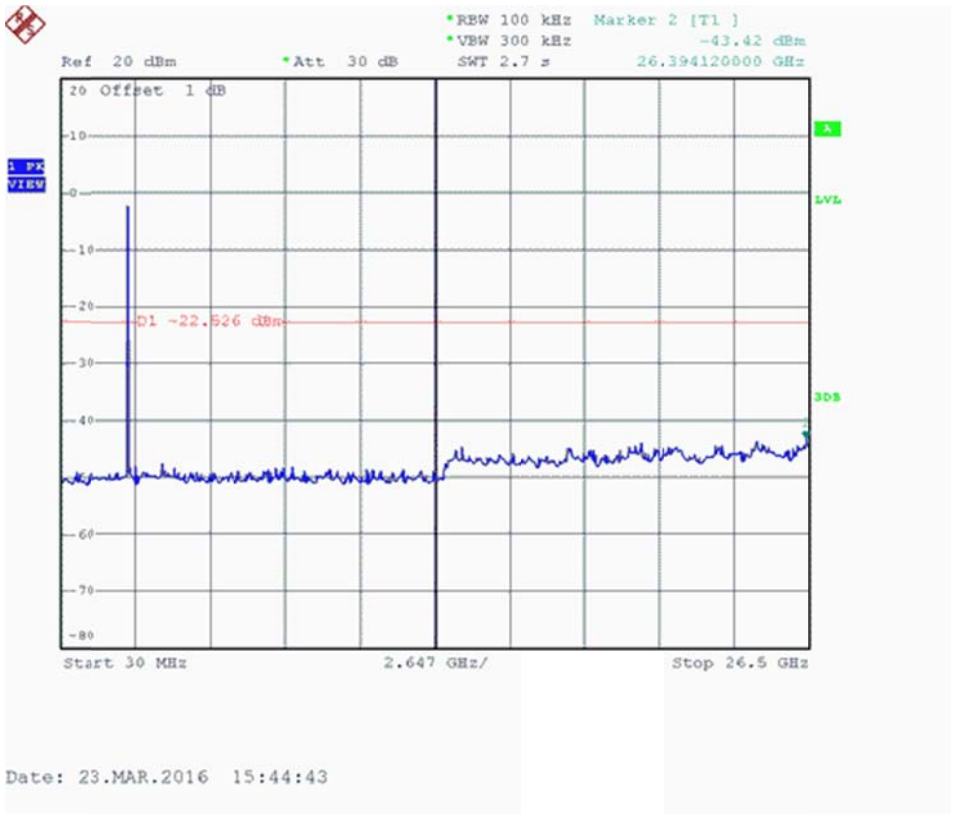
TX B mode CH11



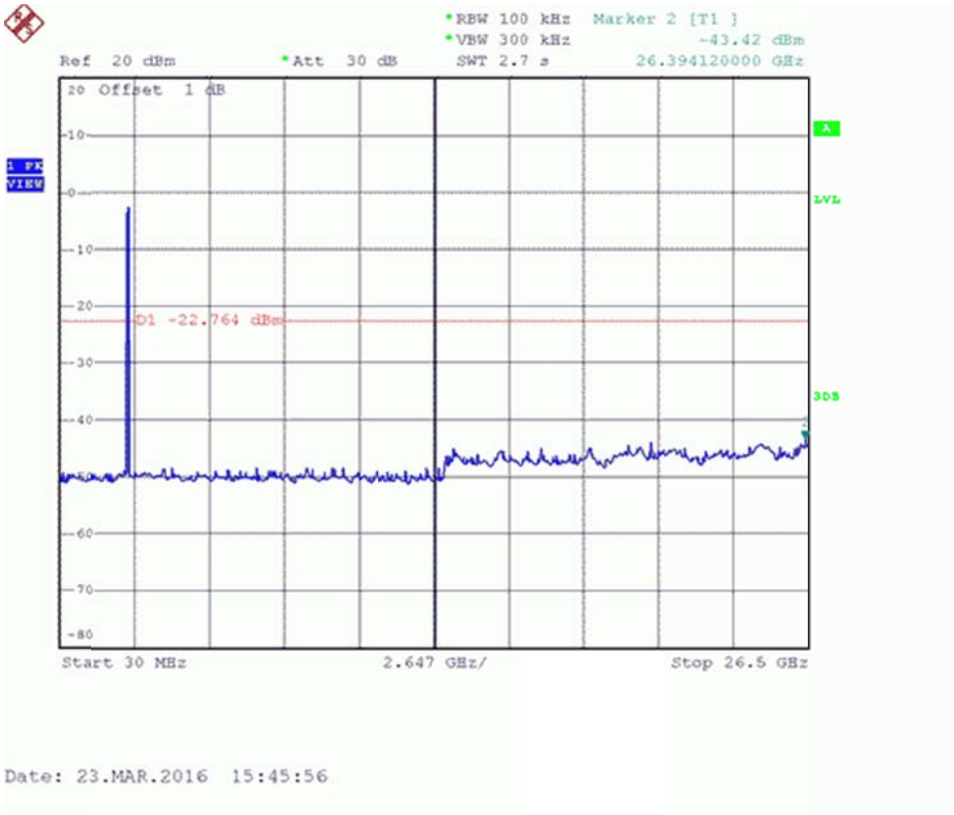
TX B mode CH01 (10 Harmonic of the frequency)



TX B mode CH06 (10 Harmonic of the frequency)

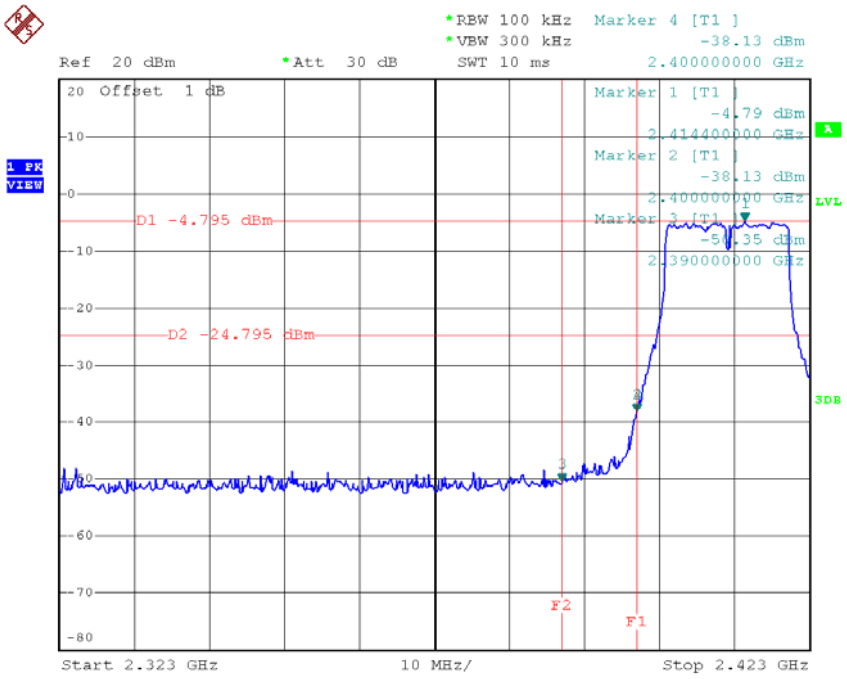


TX B mode CH11 (10 Harmonic of the frequency)



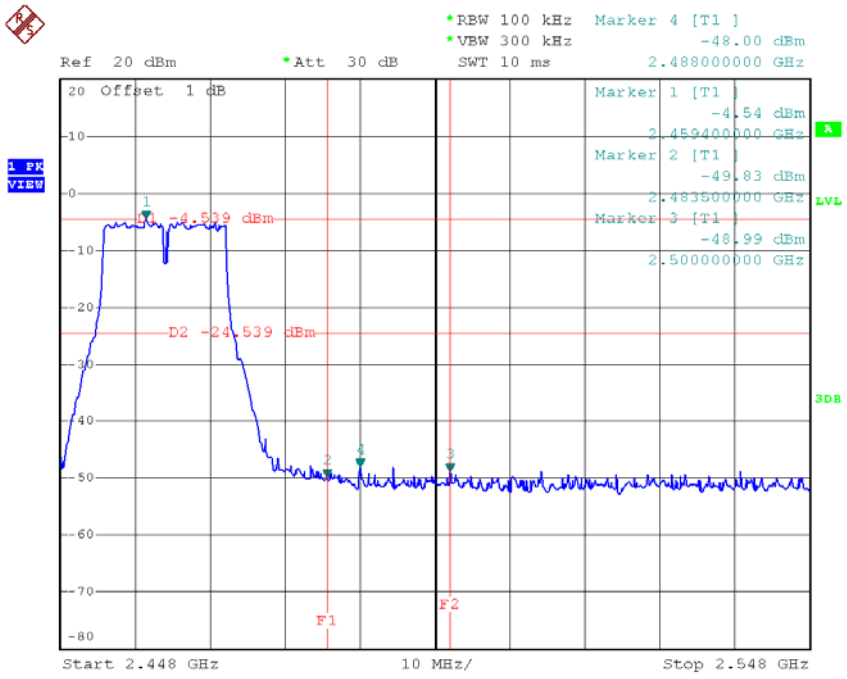
Test Mode :	TX G Mode_ANT 1

TX G mode CH01



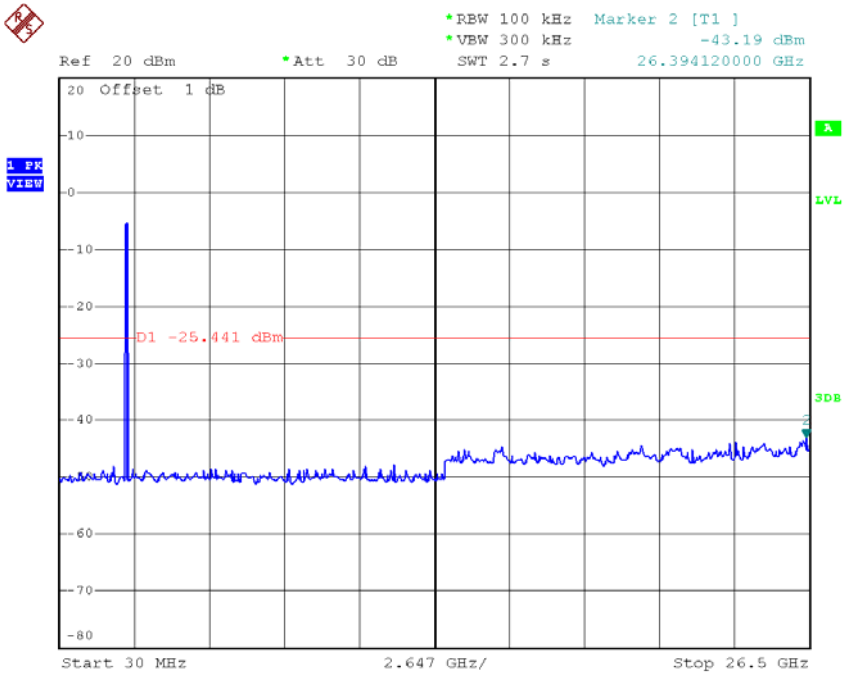
Date: 3.MAR.2016 15:23:19

TX G mode CH11



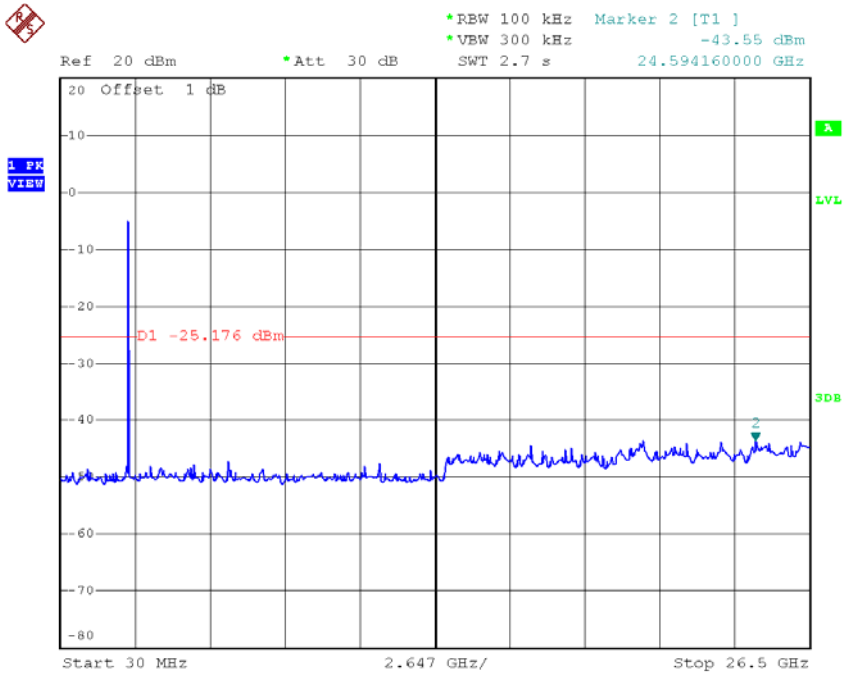
Date: 3.MAR.2016 15:25:45

TX G mode CH01 (10 Harmonic of the frequency)



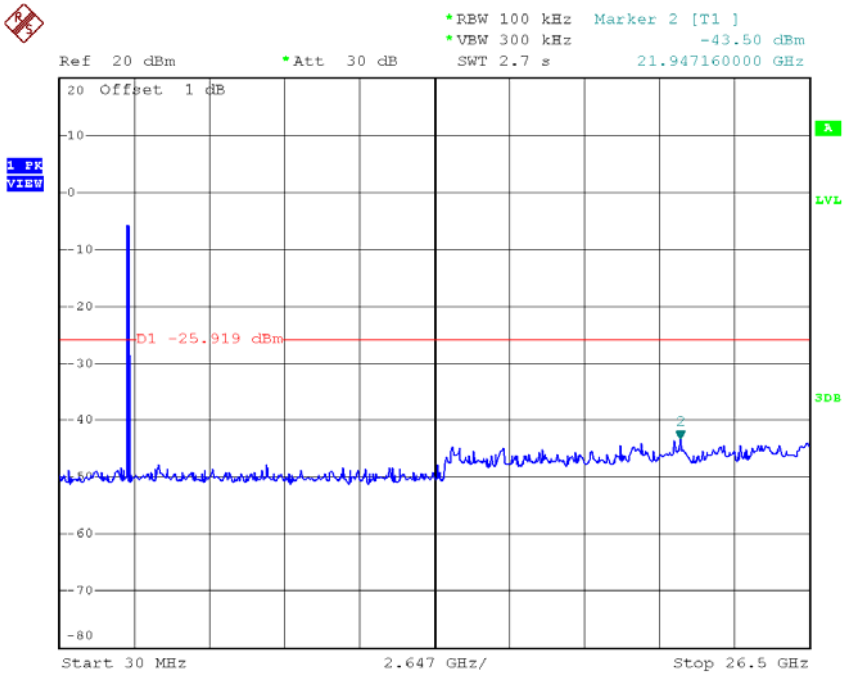
Date: 3.MAR.2016 15:23:11

TX G mode CH06 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:24:26

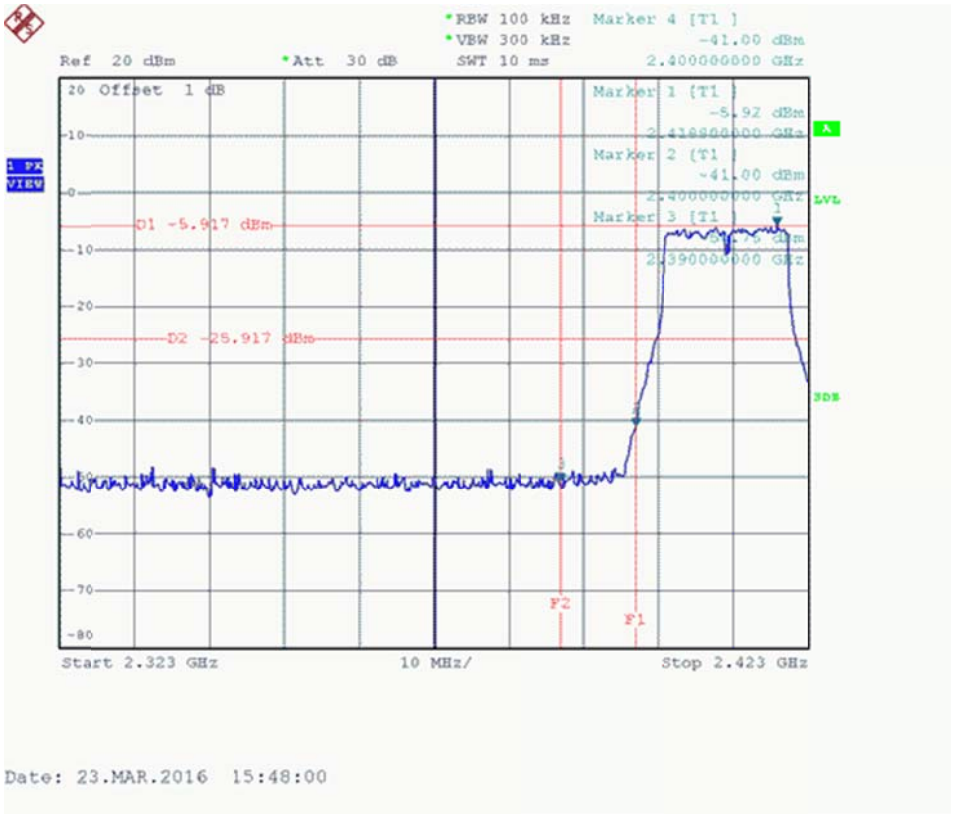
TX G mode CH11 (10 Harmonic of the frequency)



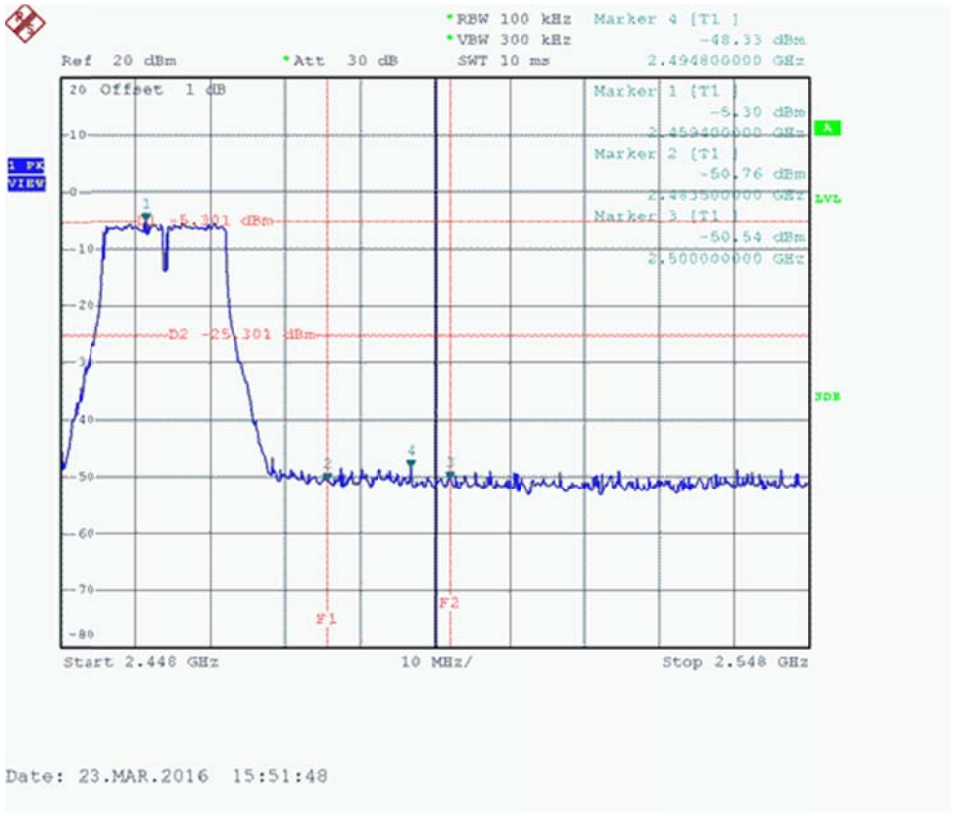
Date: 3.MAR.2016 15:25:37

Test Mode :	TX G Mode_ANT 2

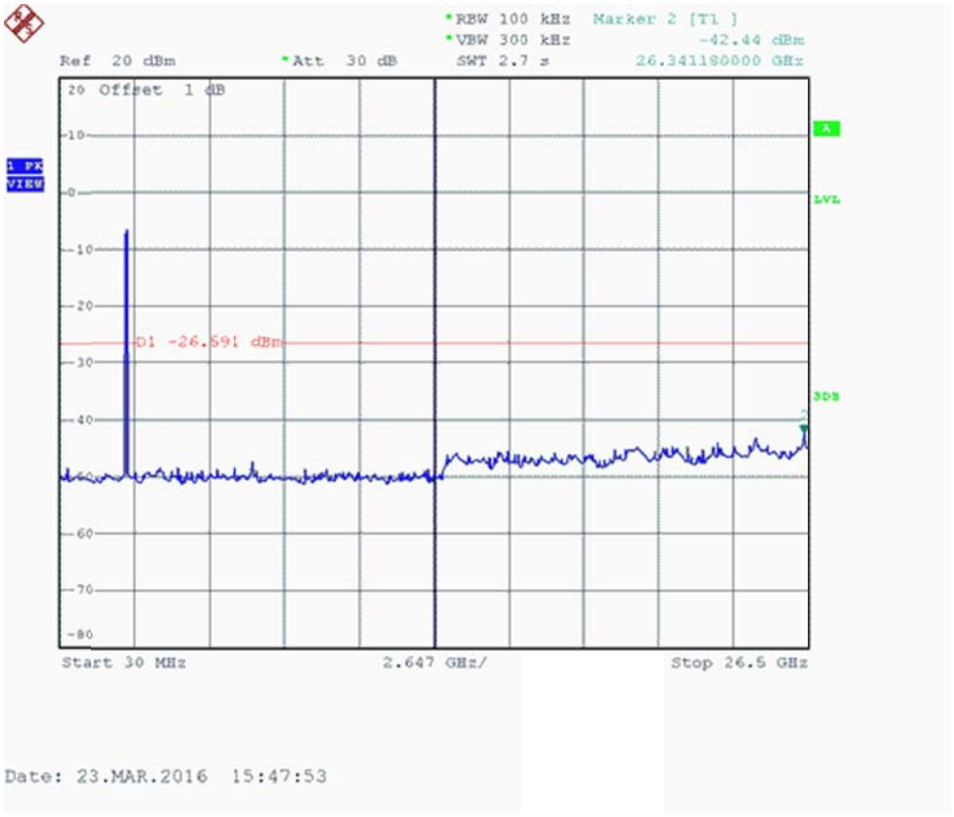
TX G mode CH01



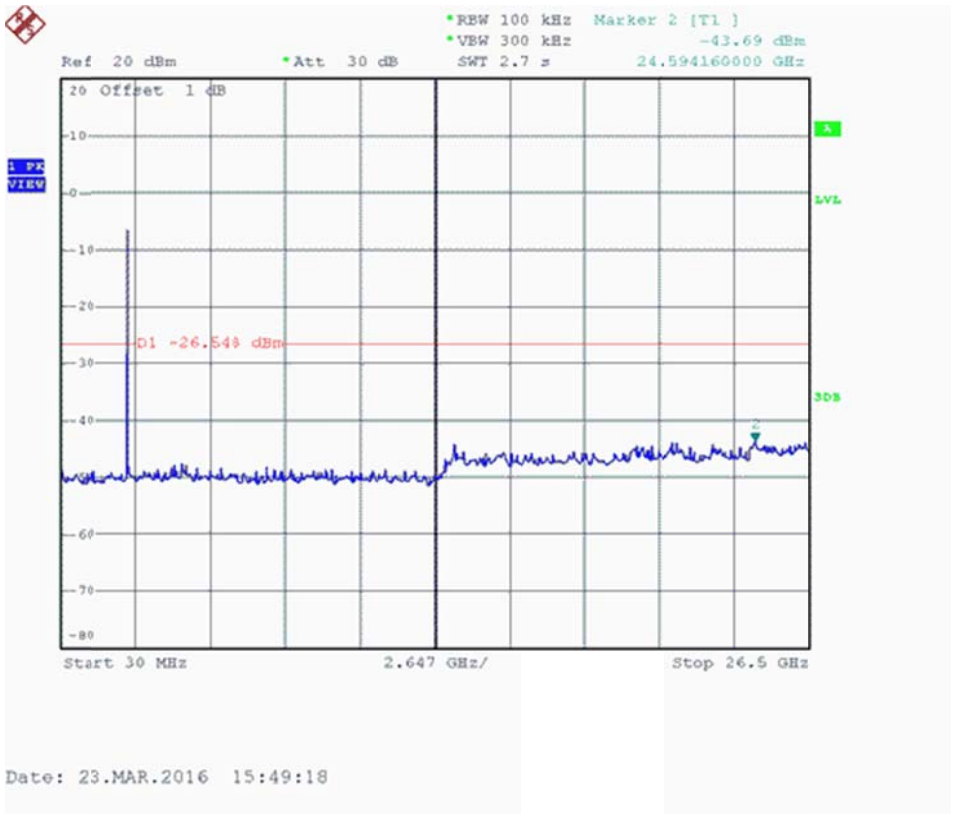
TX G mode CH11



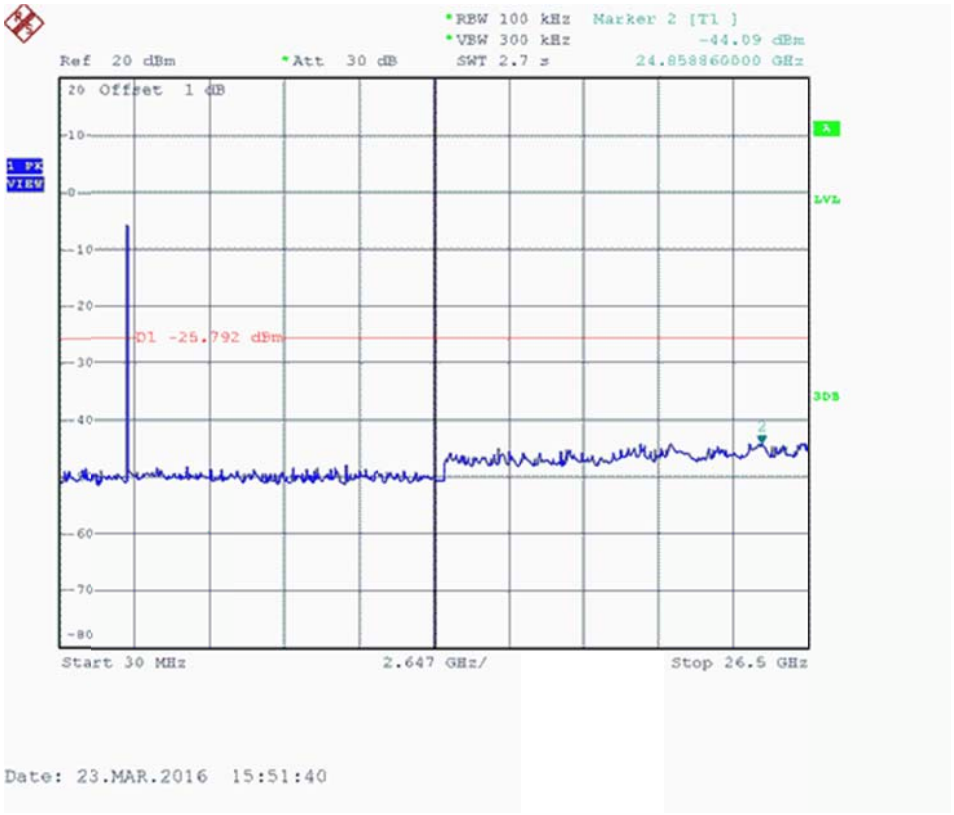
TX G mode CH01 (10 Harmonic of the frequency)



TX G mode CH06 (10 Harmonic of the frequency)

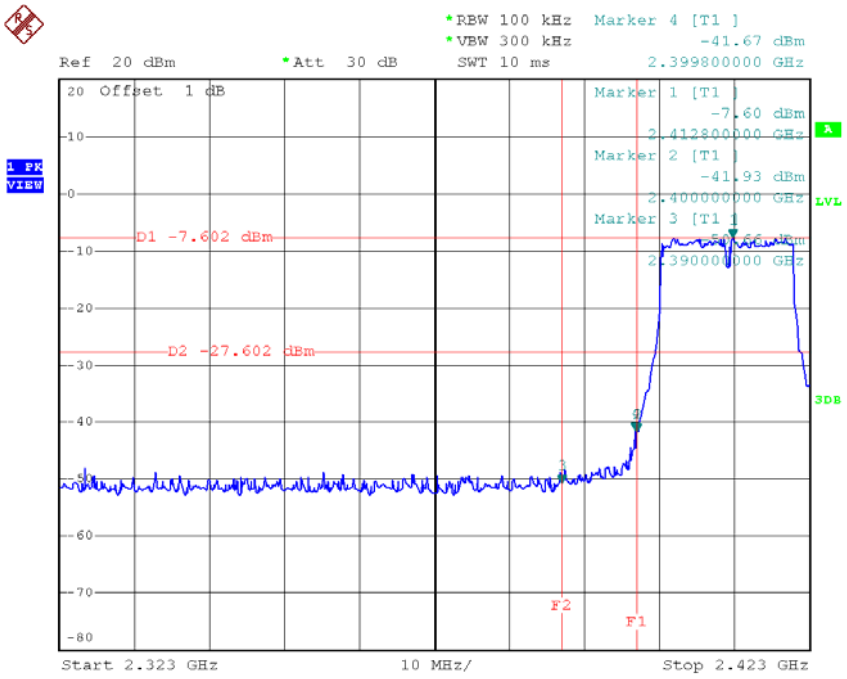


TX G mode CH11 (10 Harmonic of the frequency)



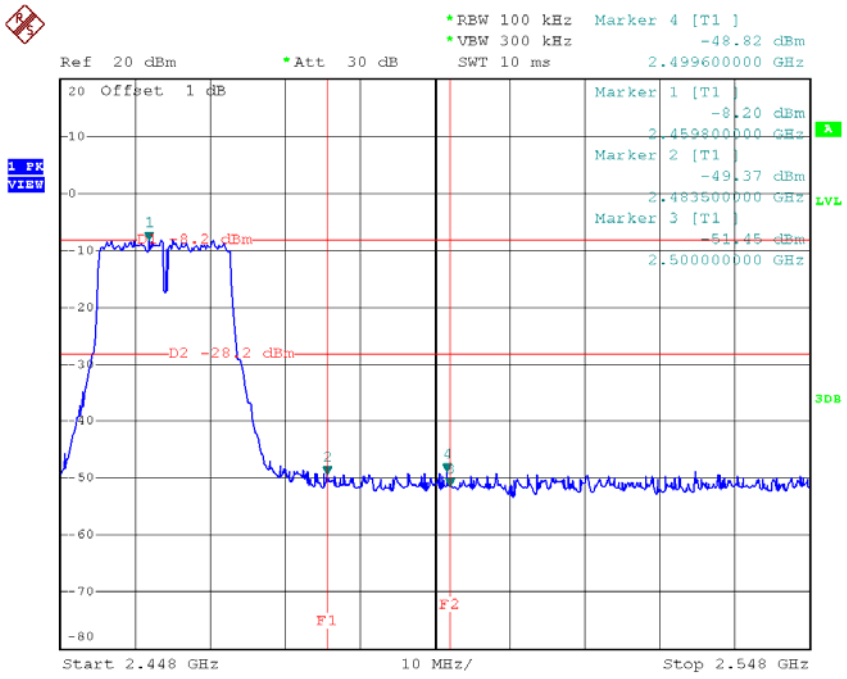
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



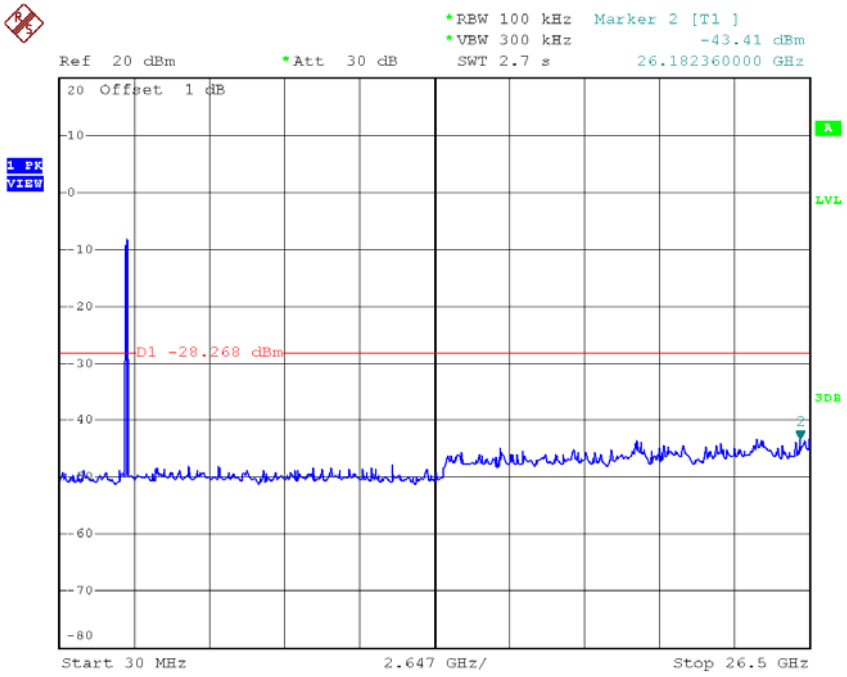
Date: 3.MAR.2016 15:27:30

TX HT20 mode CH11



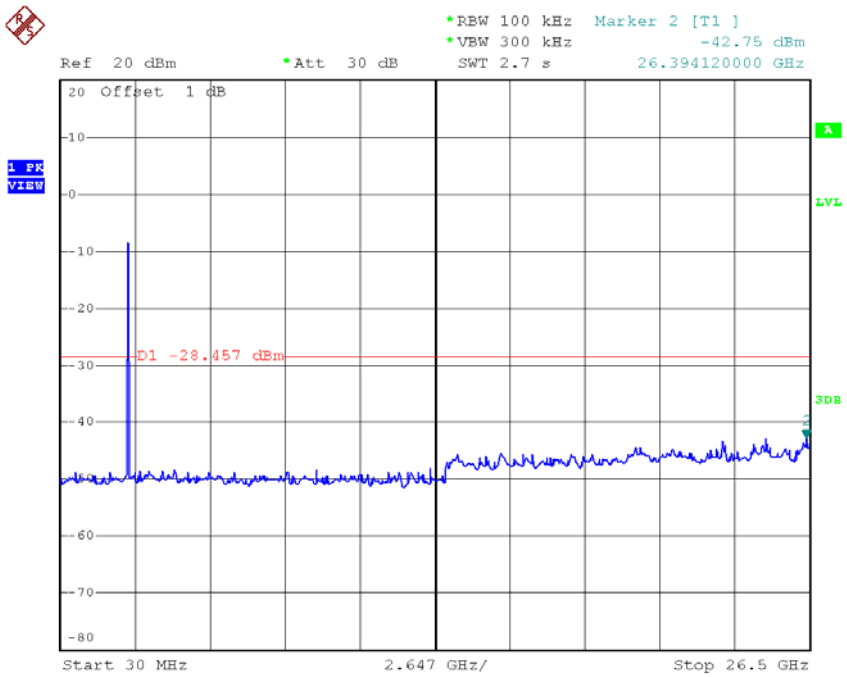
Date: 3.MAR.2016 15:29:50

TX HT20 mode CH01 (10 Harmonic of the frequency)



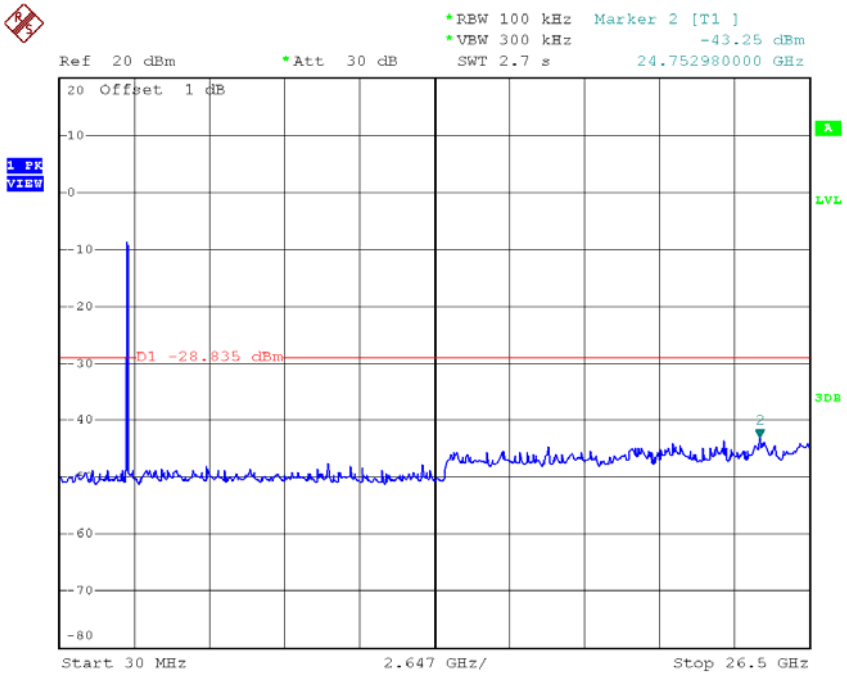
Date: 3.MAR.2016 15:27:23

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:28:24

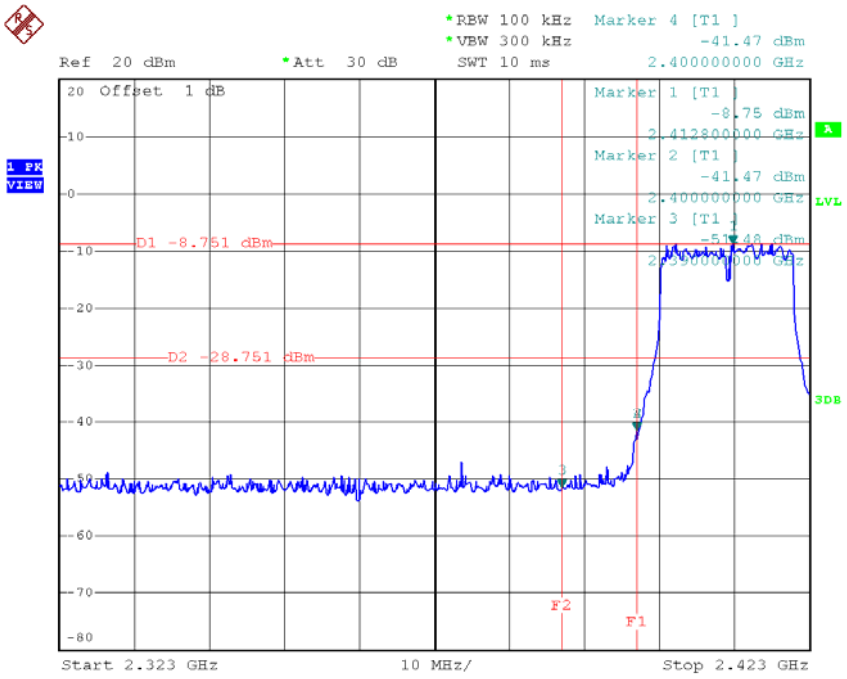
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:29:43

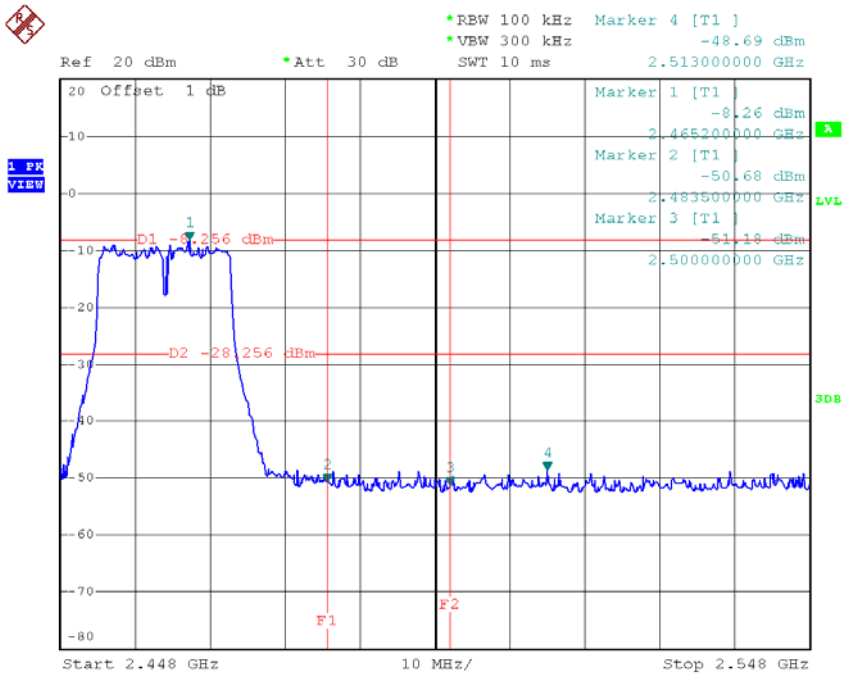
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



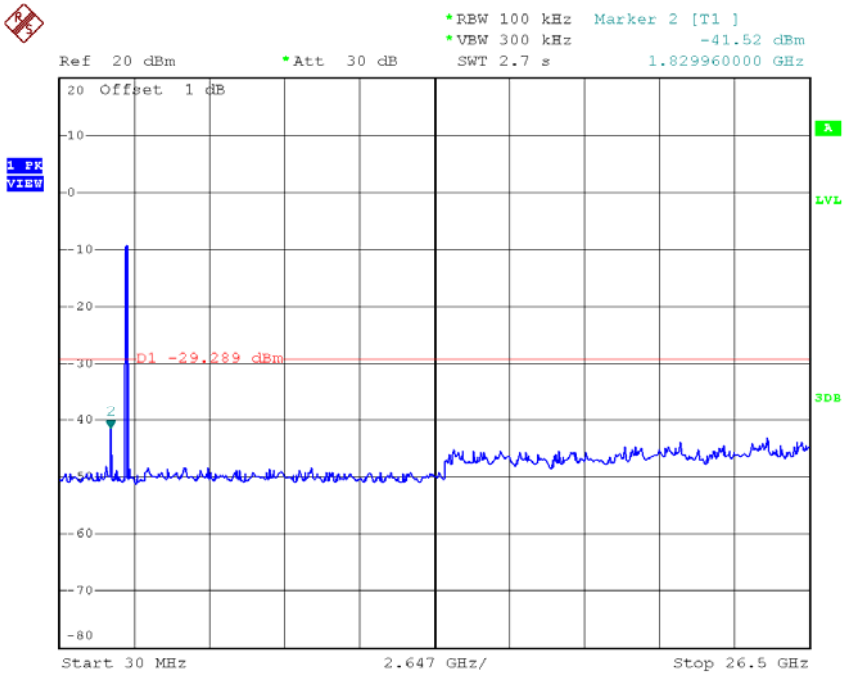
Date: 3.MAR.2016 15:31:19

TX HT20 mode CH11



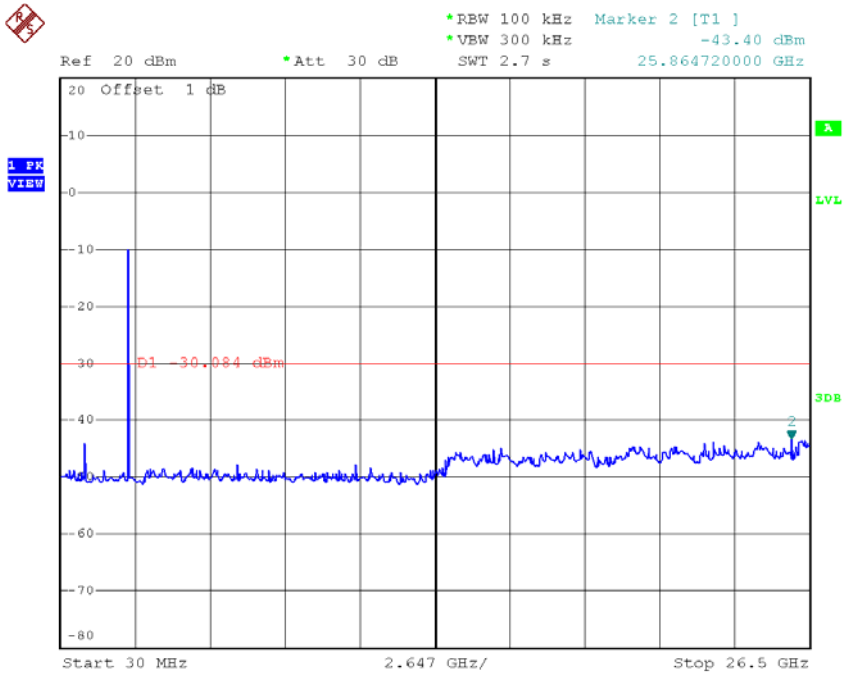
Date: 3.MAR.2016 15:33:24

TX HT20 mode CH01 (10 Harmonic of the frequency)



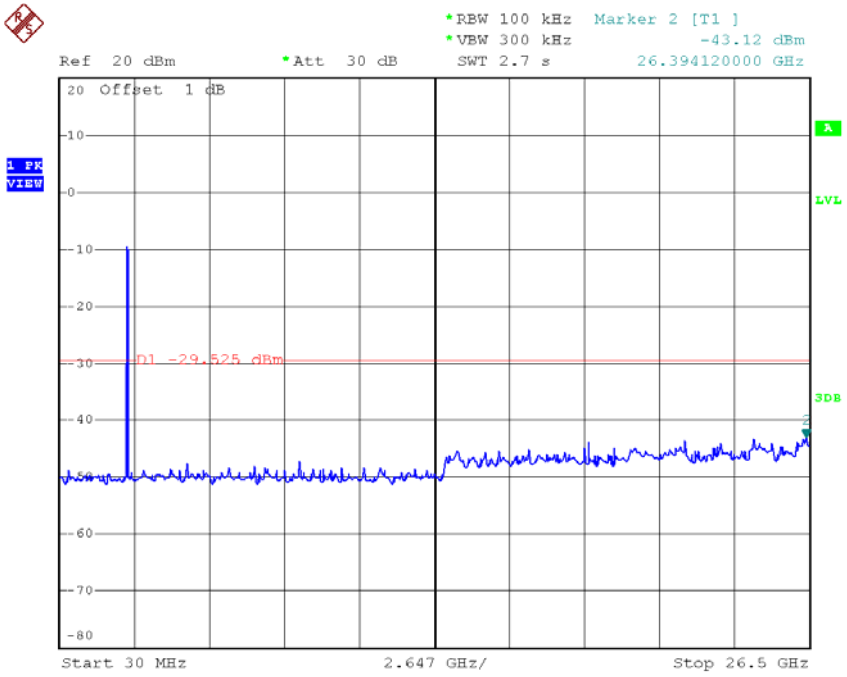
Date: 3.MAR.2016 15:31:12

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:32:20

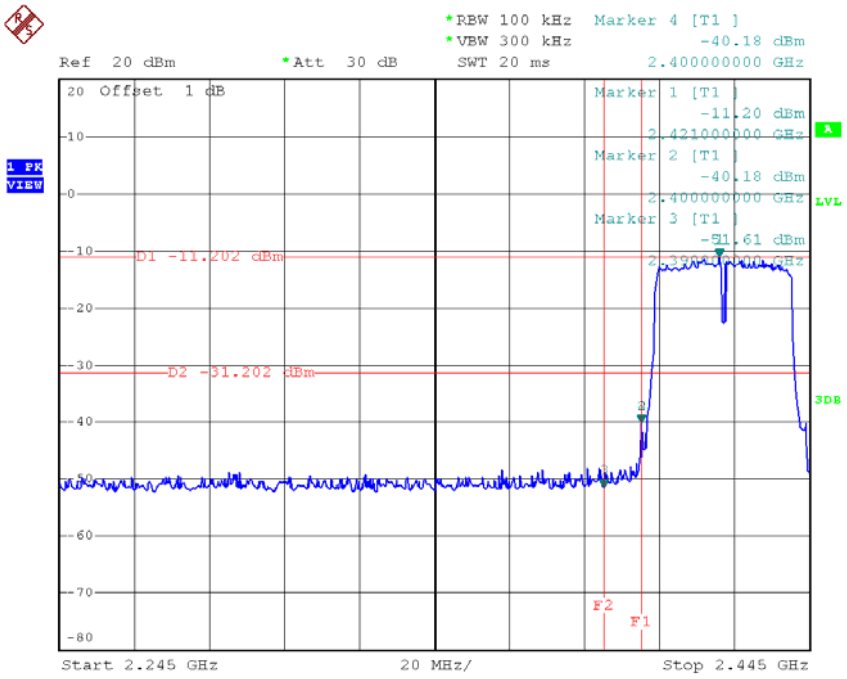
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:33:16

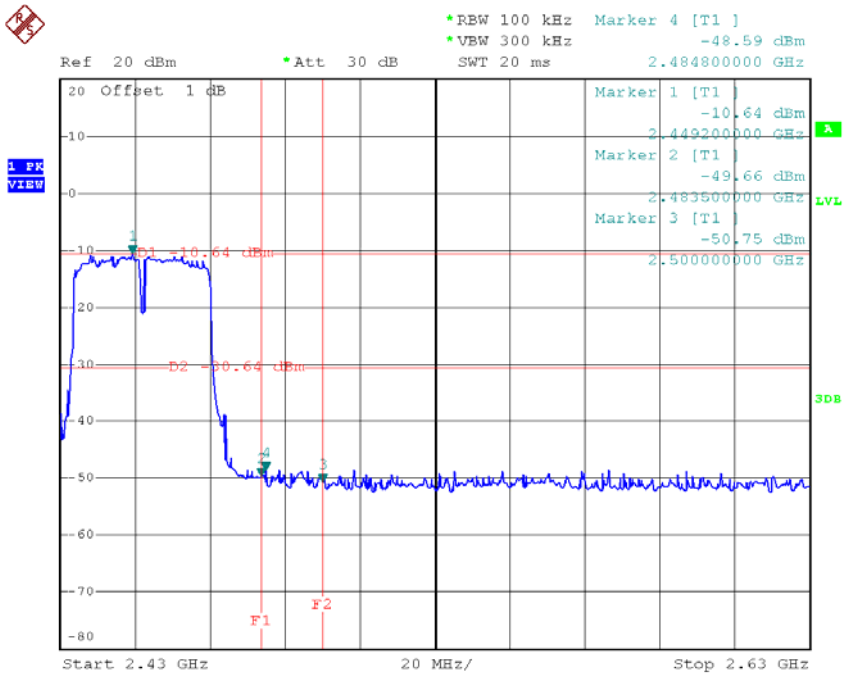
Test Mode :	TX N-40M Mode_ANT 1

TX HT40 mode CH03



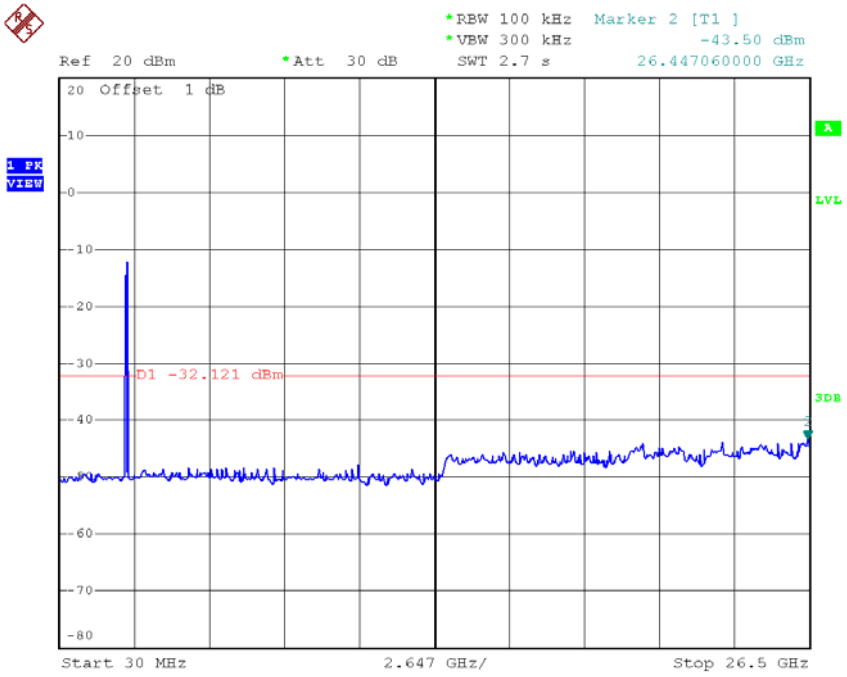
Date: 3.MAR.2016 15:39:05

TX HT40 mode CH09



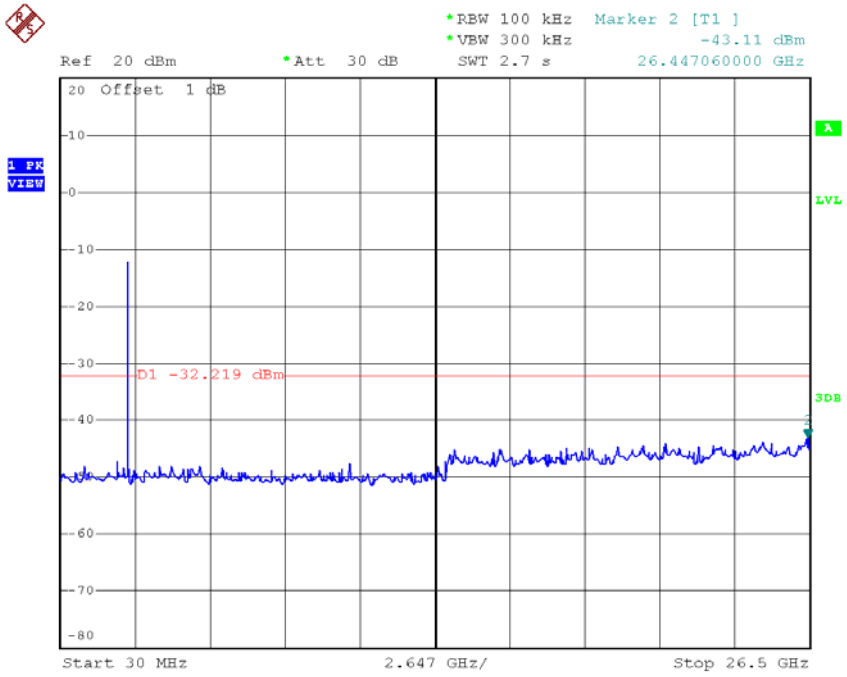
Date: 3.MAR.2016 15:41:04

TX HT40 mode CH03 (10 Harmonic of the frequency)



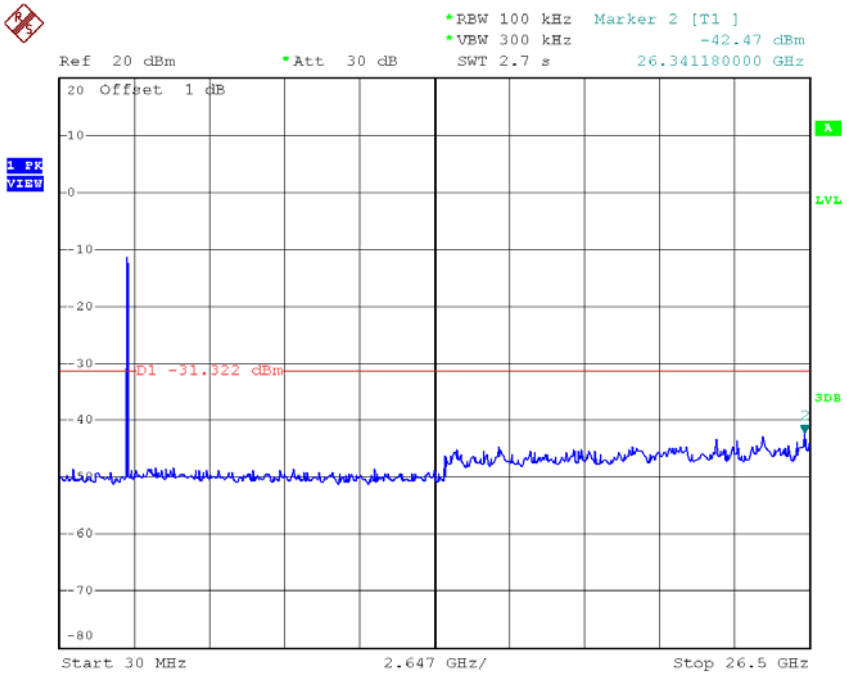
Date: 3.MAR.2016 15:38:57

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:39:58

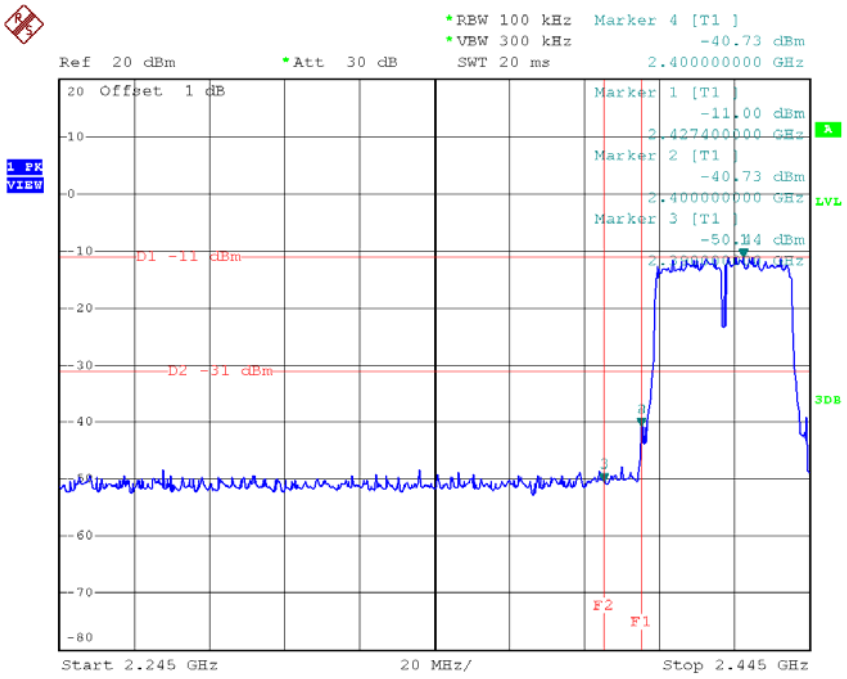
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:40:56

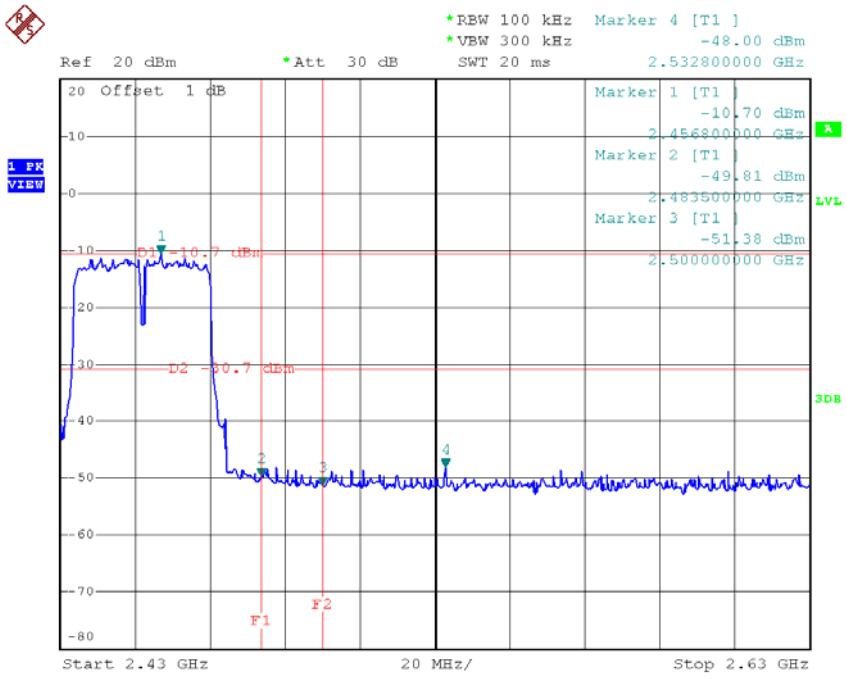
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



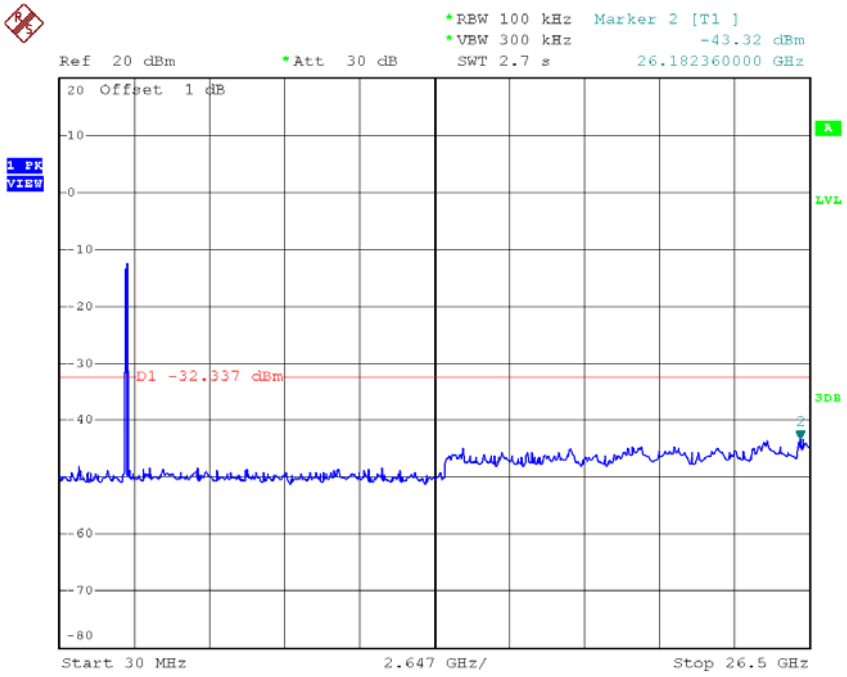
Date: 3.MAR.2016 15:42:33

TX HT40 mode CH09



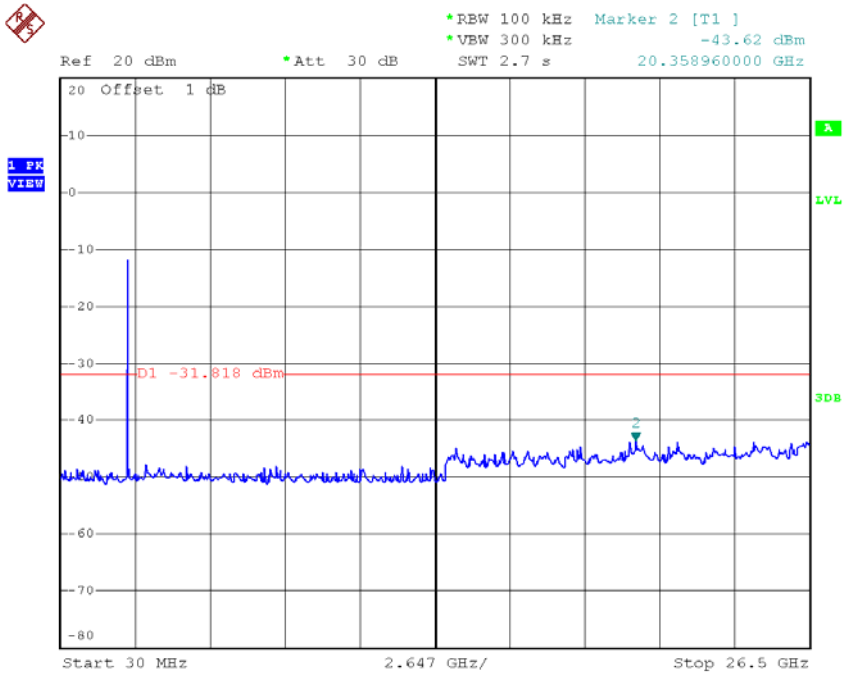
Date: 3.MAR.2016 15:45:07

TX HT40 mode CH03 (10 Harmonic of the frequency)



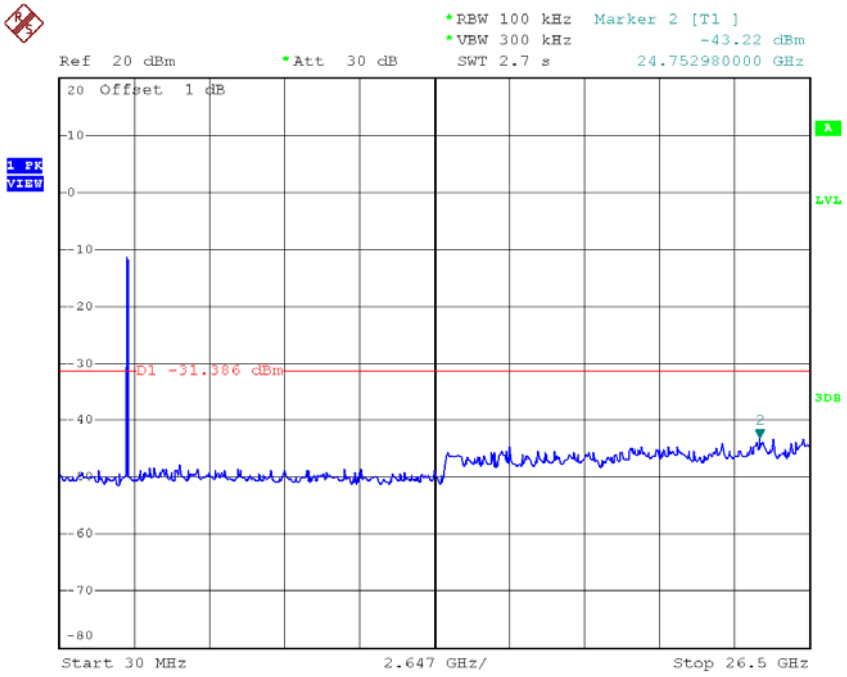
Date: 3.MAR.2016 15:42:25

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 3.MAR.2016 15:43:32

TX HT40 mode CH09 (10 Harmonic of the frequency)



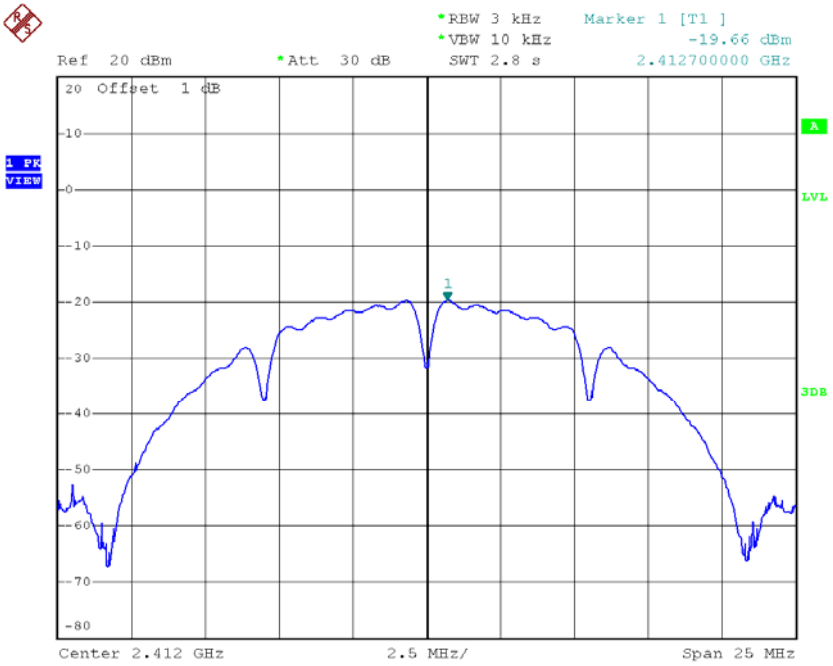
Date: 3.MAR.2016 15:44:59

ATTACHMENT H - POWER SPECTRAL DENSITY

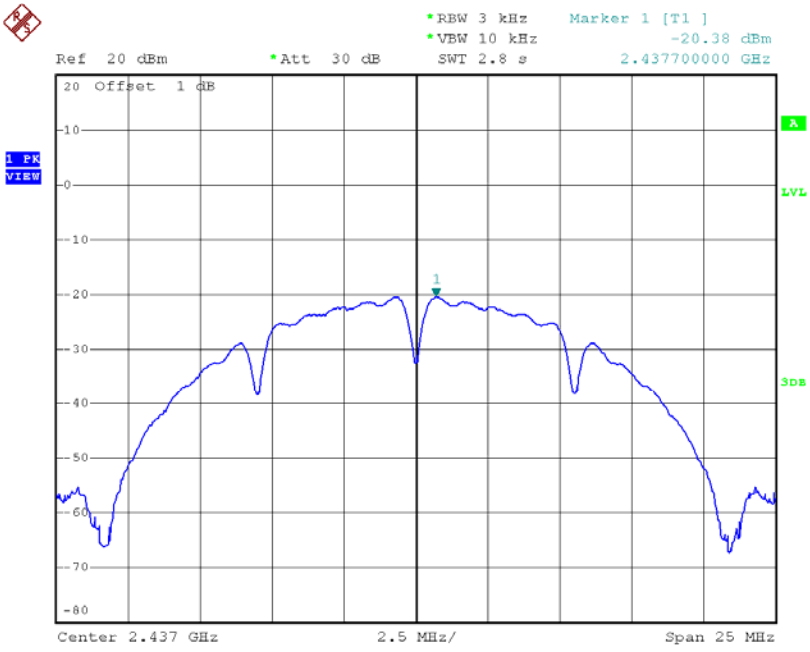
Test Mode :TX B Mode_CH01/06/11_ANT 1_ANT 1				

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-19.66	0.01	8.00	Complies
2437	-20.38	0.01	8.00	Complies
2462	-20.59	0.01	8.00	Complies

TX CH01

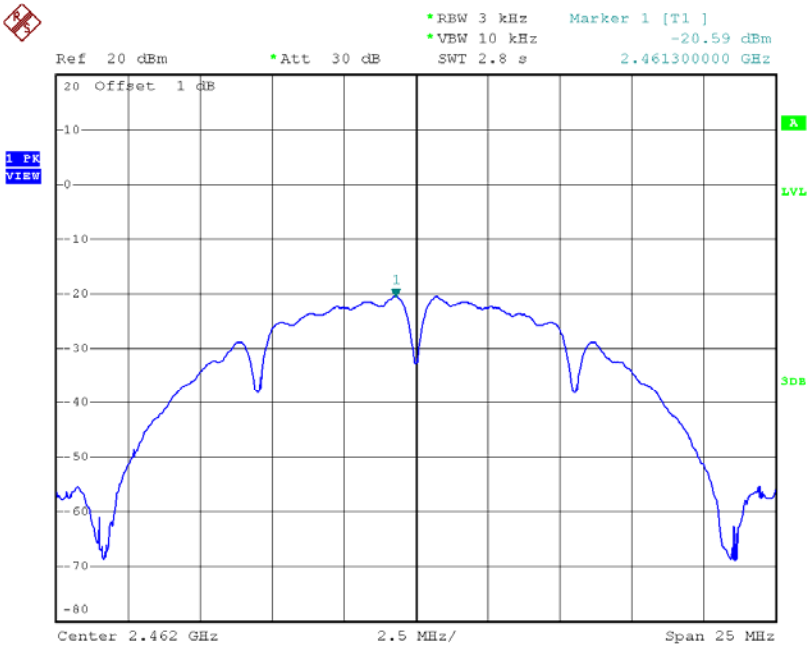


TX CH06



Date: 3.MAR.2016 15:20:39

TX CH11



Date: 3.MAR.2016 15:22:09

Test Mode :TX B Mode_CH01/06/11_ANT 1_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-21.60	0.01	8.00	Complies
2437	-21.19	0.01	8.00	Complies
2462	-21.34	0.01	8.00	Complies

TX CH01

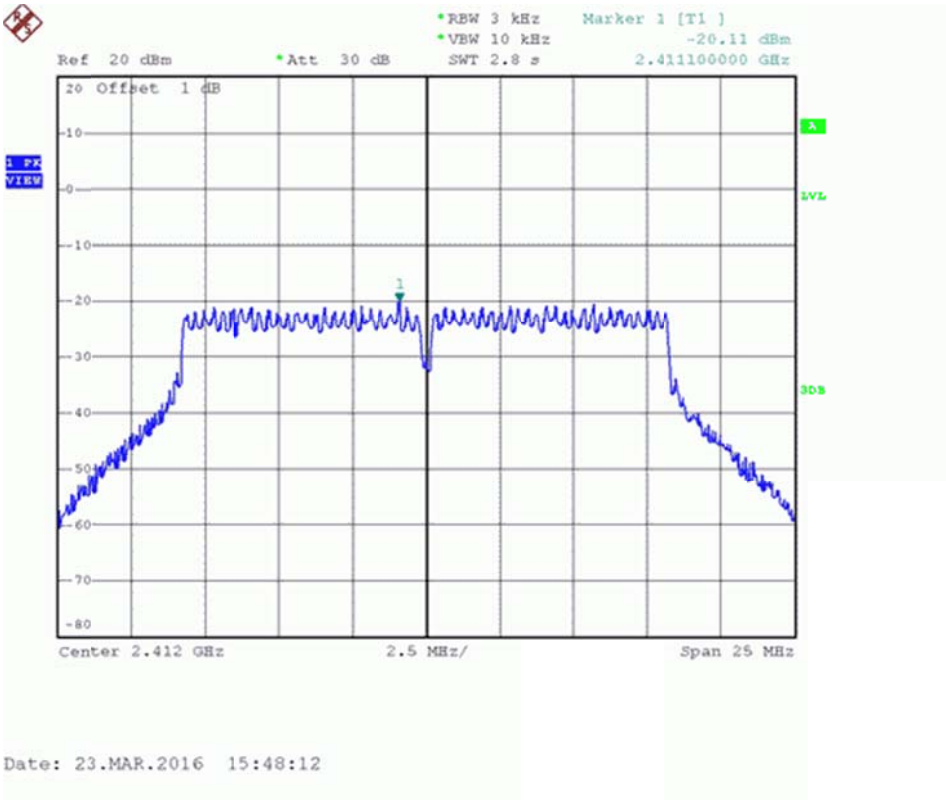
TX CH06

TX CH11

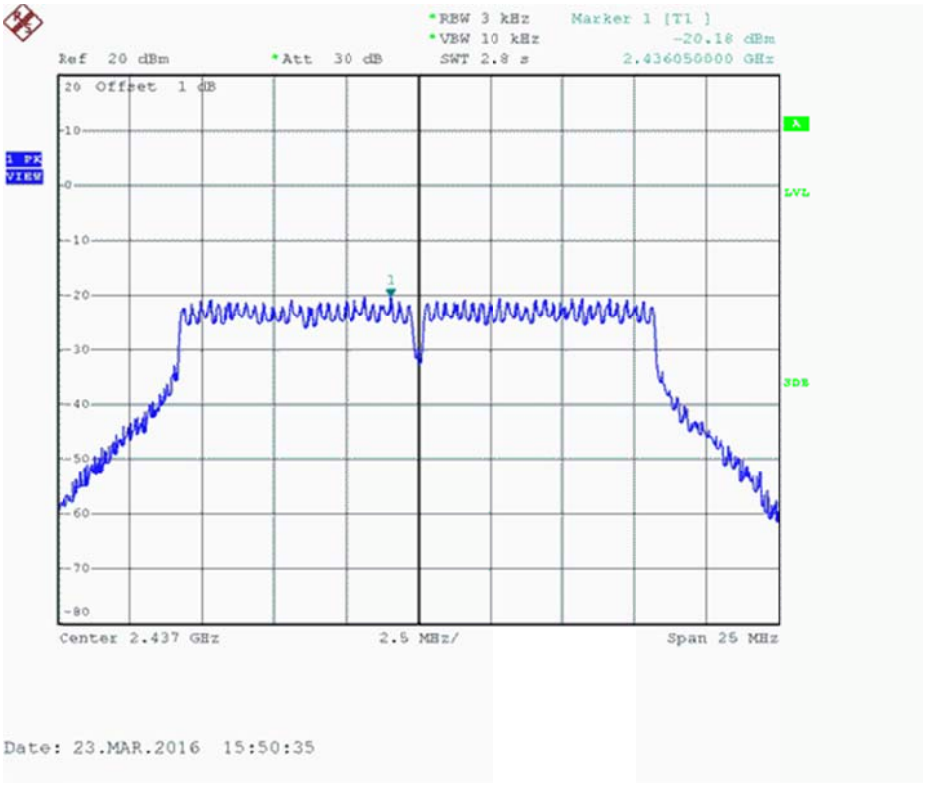
Test Mode :TX G Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-18.84	0.01	8.00	Complies
2437	-19.12	0.01	8.00	Complies
2462	-19.29	0.01	8.00	Complies

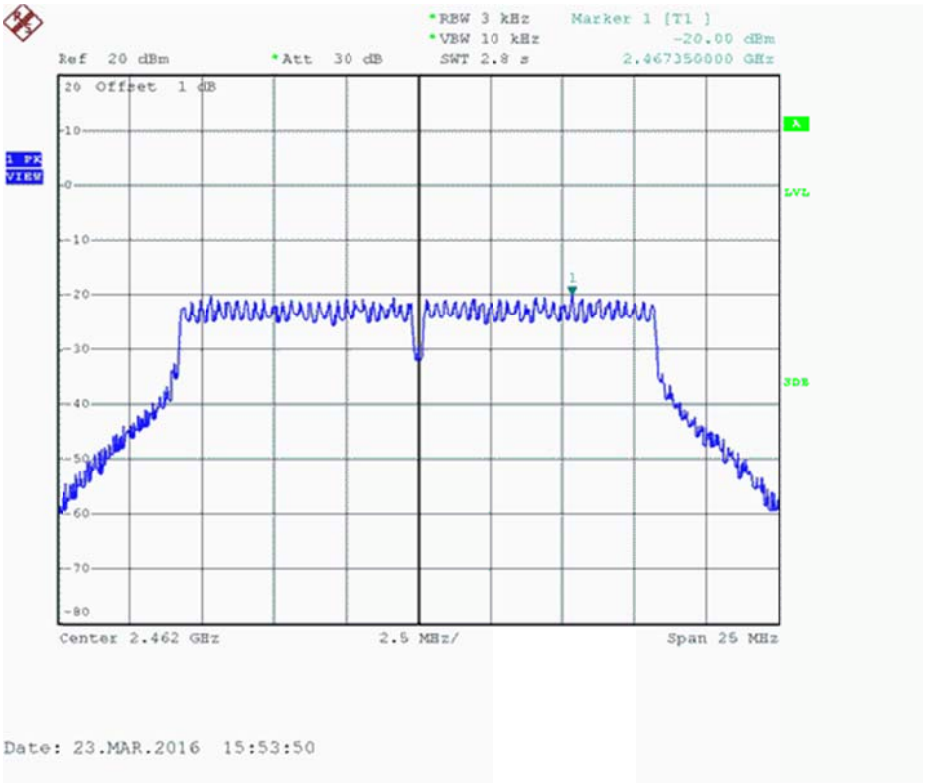
TX CH01



TX CH06



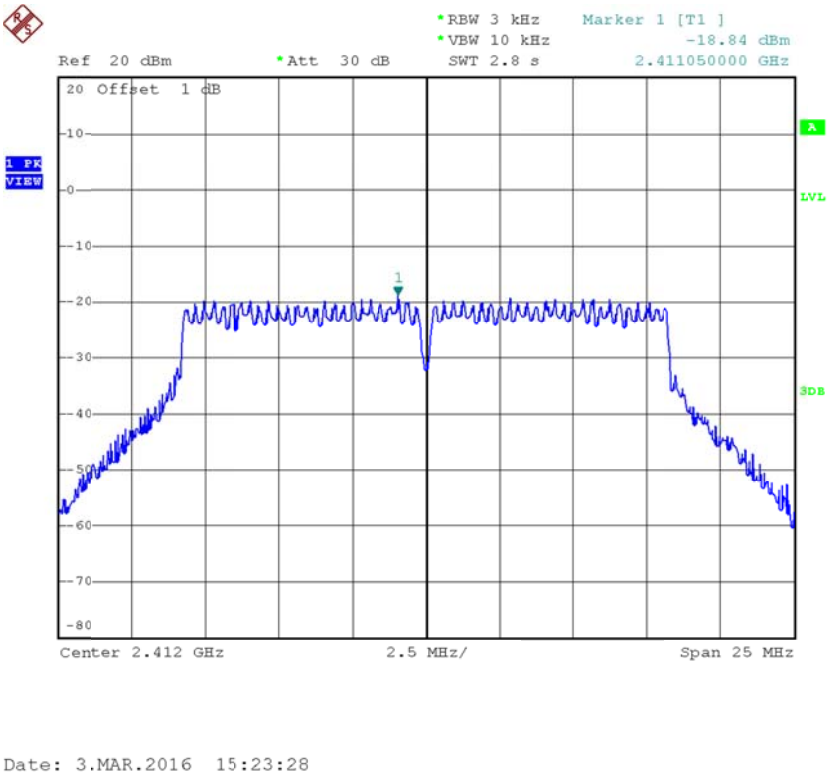
TX CH11



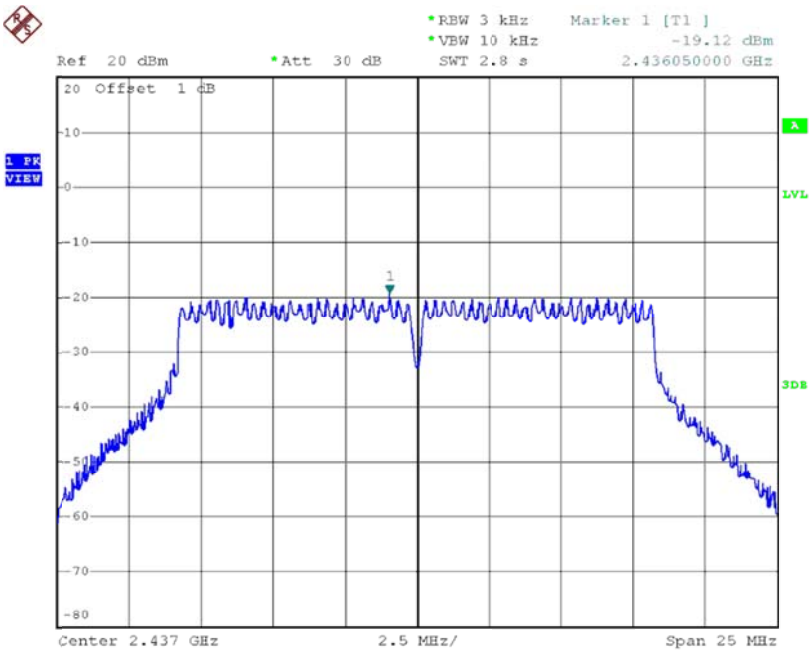
Test Mode :TX G Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-18.84	0.01	8.00	Complies
2437	-19.12	0.01	8.00	Complies
2462	-19.29	0.01	8.00	Complies

TX CH01

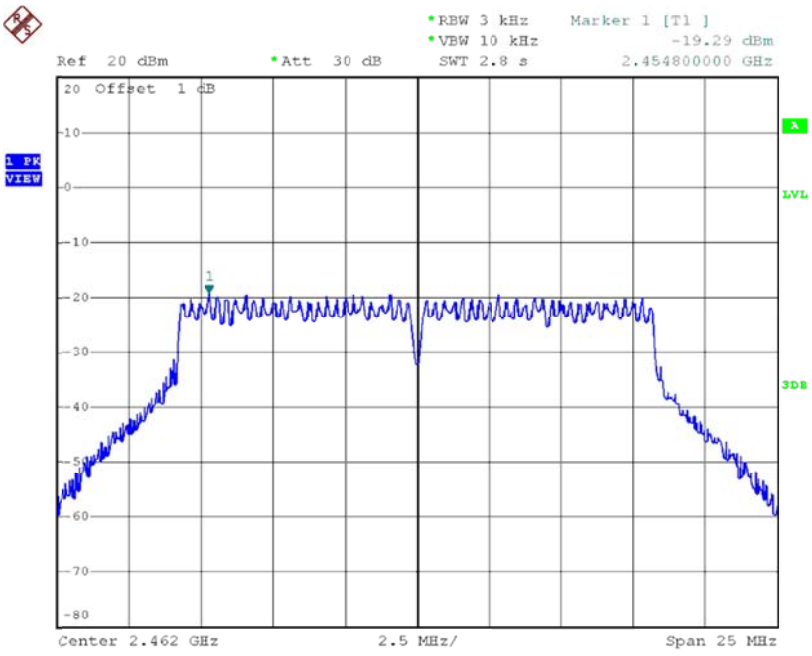


TX CH06



Date: 3.MAR.2016 15:24:35

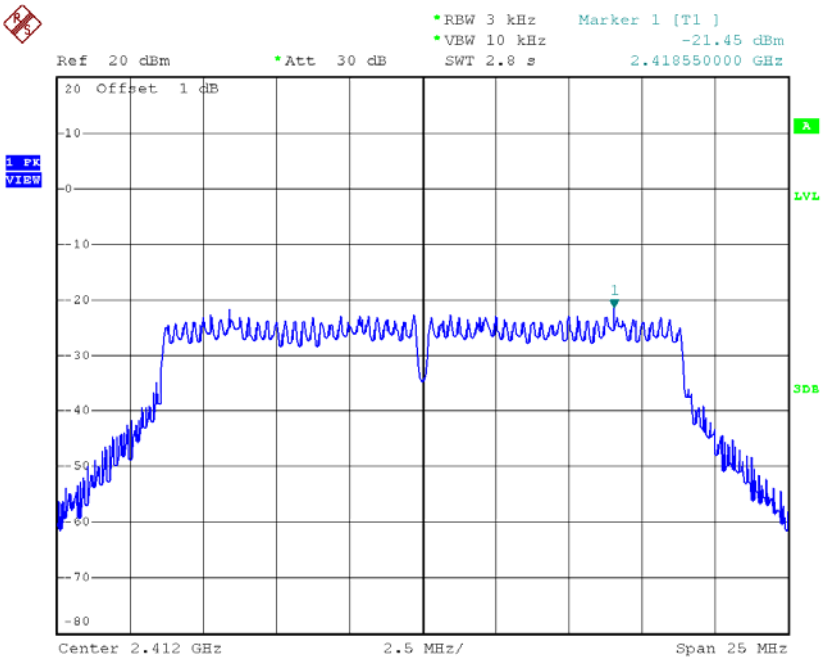
TX CH11



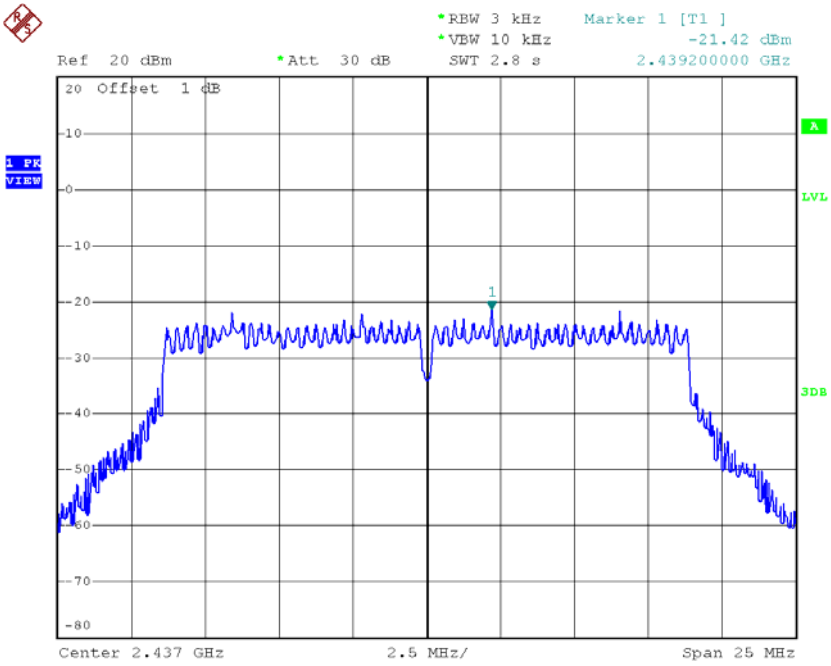
Date: 3.MAR.2016 15:25:54

Test Mode : TX N-20M Mode_CH01/06/11_ANT 1				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-21.45	0.01	8.00	Complies
2437	-21.42	0.01	8.00	Complies
2462	-21.51	0.01	8.00	Complies

TX CH01

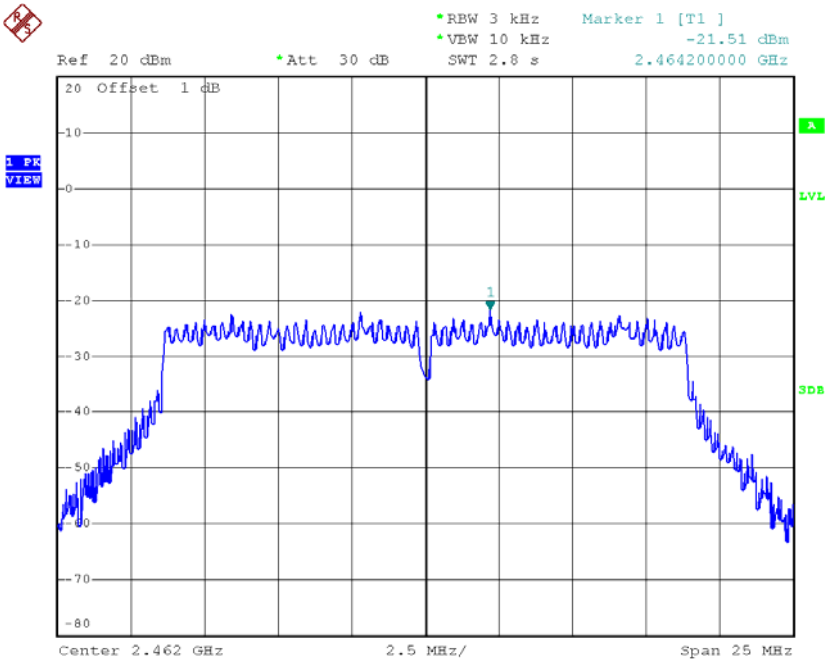


TX CH06



Date: 3.MAR.2016 15:28:33

TX CH11

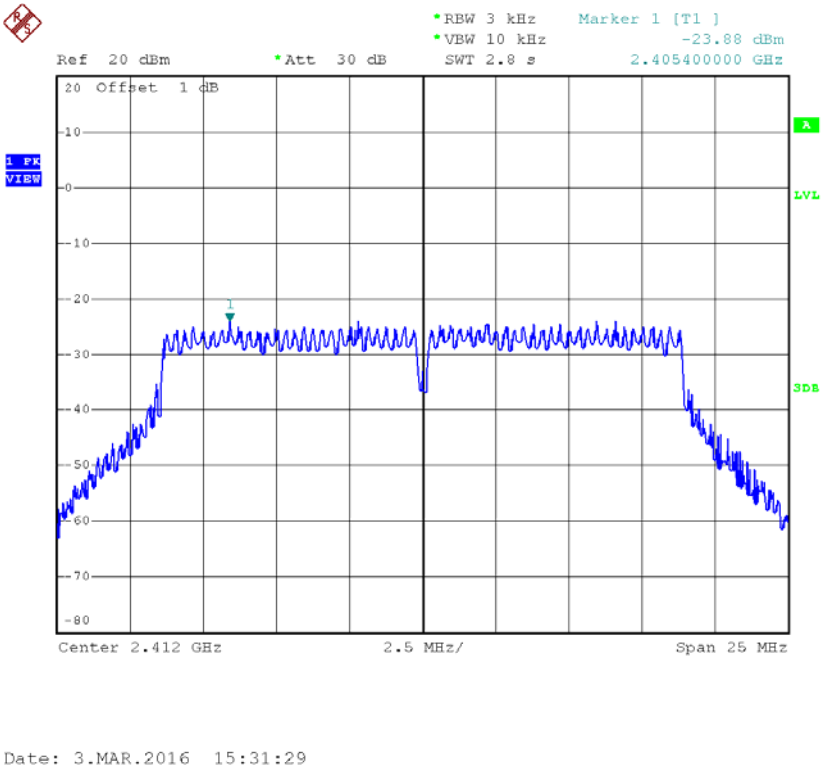


Date: 3.MAR.2016 15:29:59

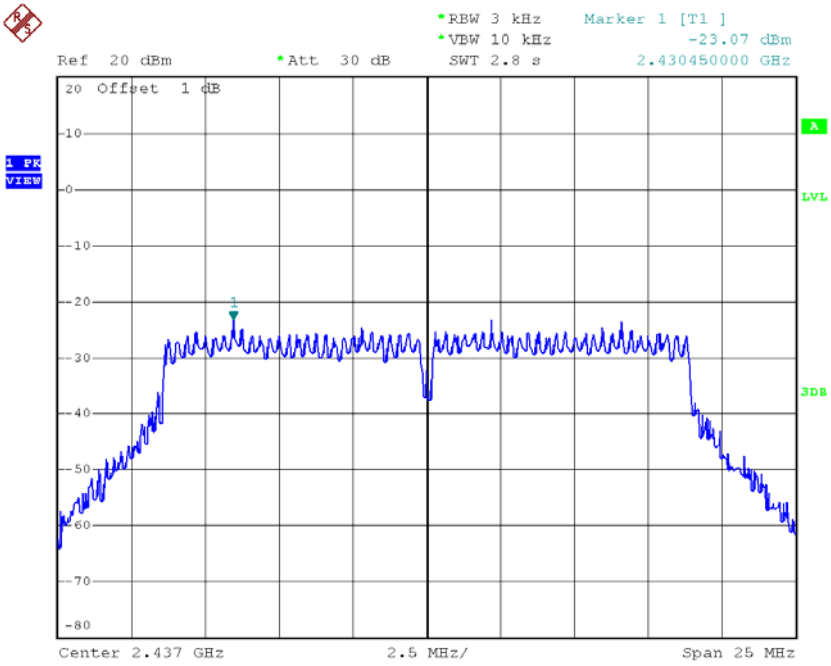
Test Mode : TX N-20M Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-23.88	0.00	8.00	Complies
2437	-23.07	0.00	8.00	Complies
2462	-22.36	0.01	8.00	Complies

TX CH01

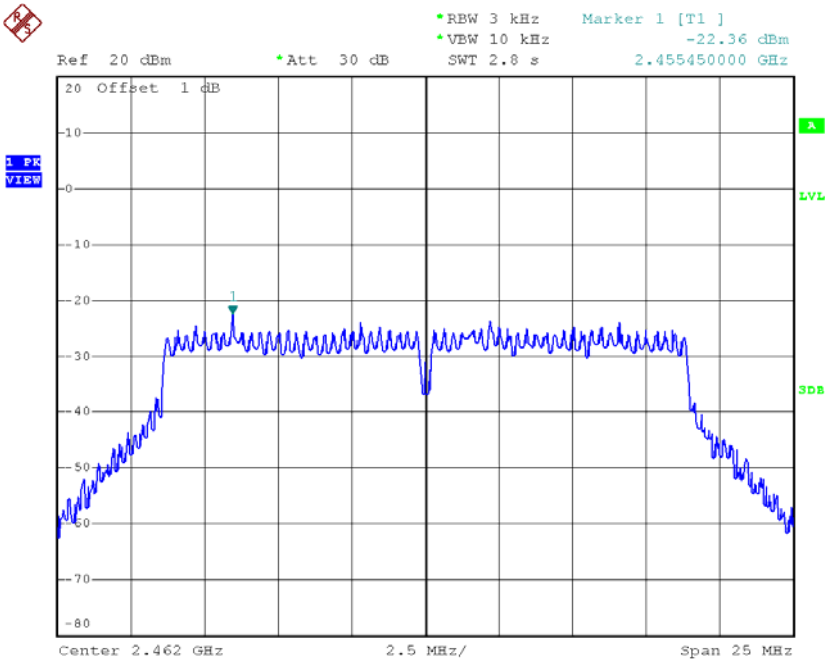


TX CH06



Date: 3.MAR.2016 15:32:29

TX CH11



Date: 3.MAR.2016 15:33:33

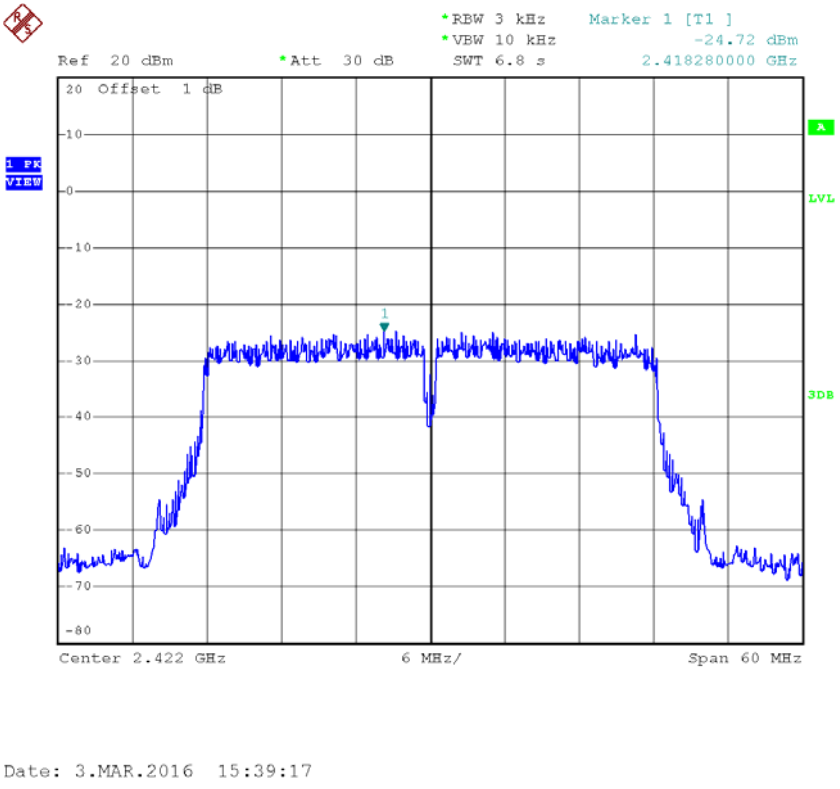
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-19.49	0.01	8.00	Complies
2437	-19.16	0.01	8.00	Complies
2462	-18.90	0.01	8.00	Complies

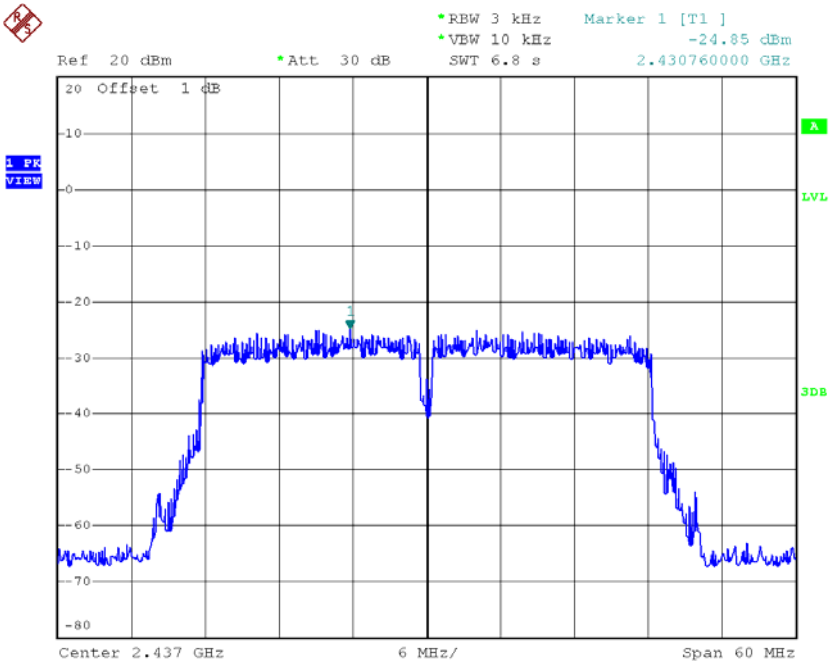
Test Mode : TX N-40M Mode_CH03/06/09_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-24.72	0.00	8.00	Complies
2437	-24.85	0.00	8.00	Complies
2452	-23.52	0.00	8.00	Complies

TX CH03

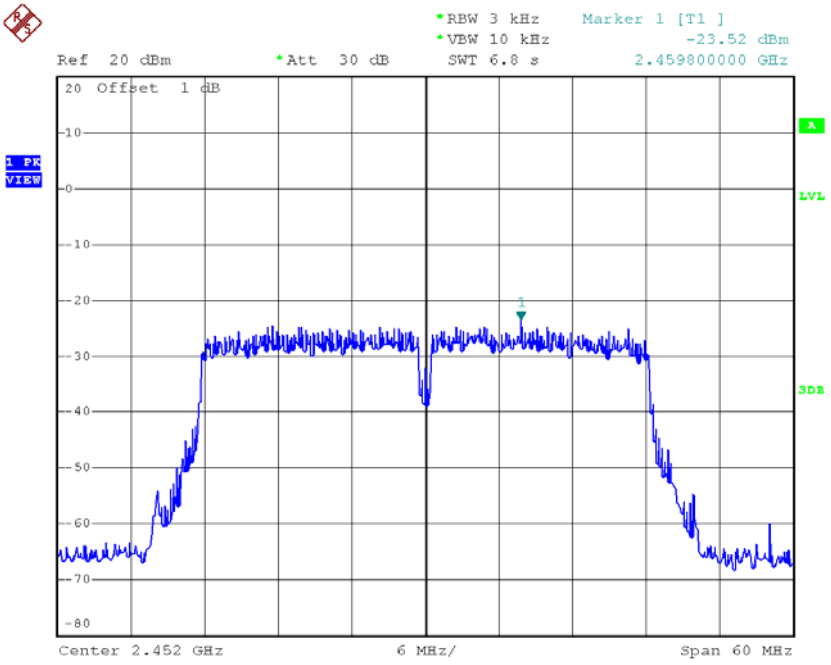


TX CH06



Date: 3.MAR.2016 15:40:11

TX CH09

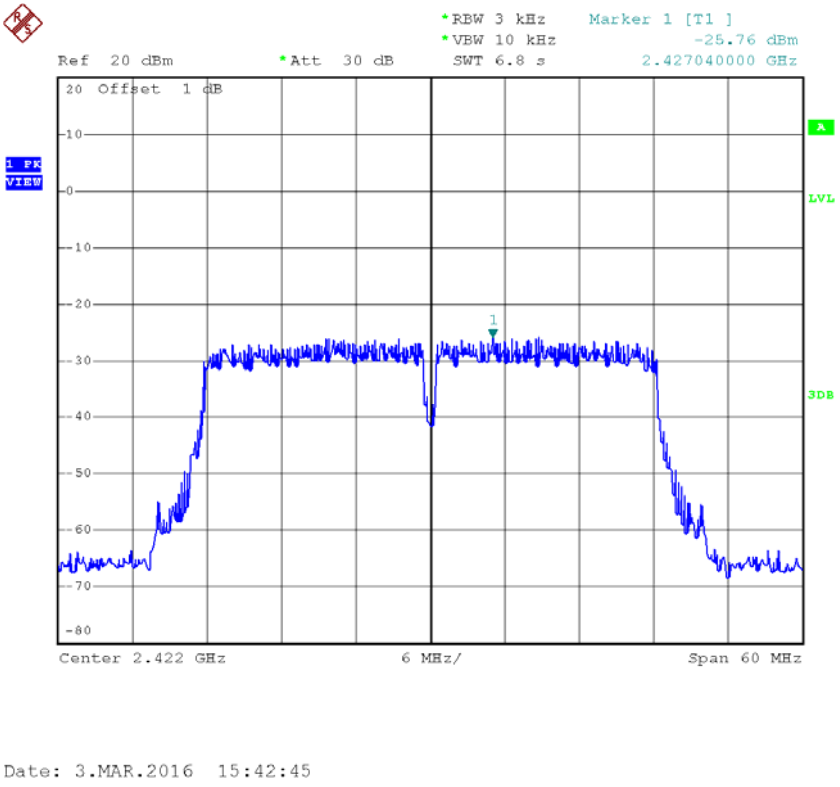


Date: 3.MAR.2016 15:41:16

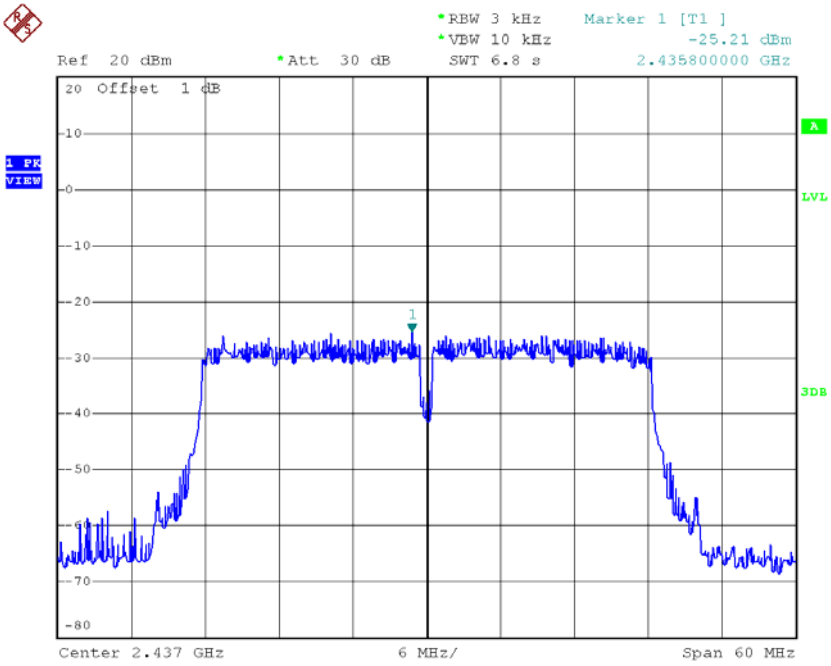
Test Mode : TX N-40M Mode_CH03/06/09_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-25.76	0.00	8.00	Complies
2437	-25.21	0.00	8.00	Complies
2452	-25.87	0.00	8.00	Complies

TX CH03

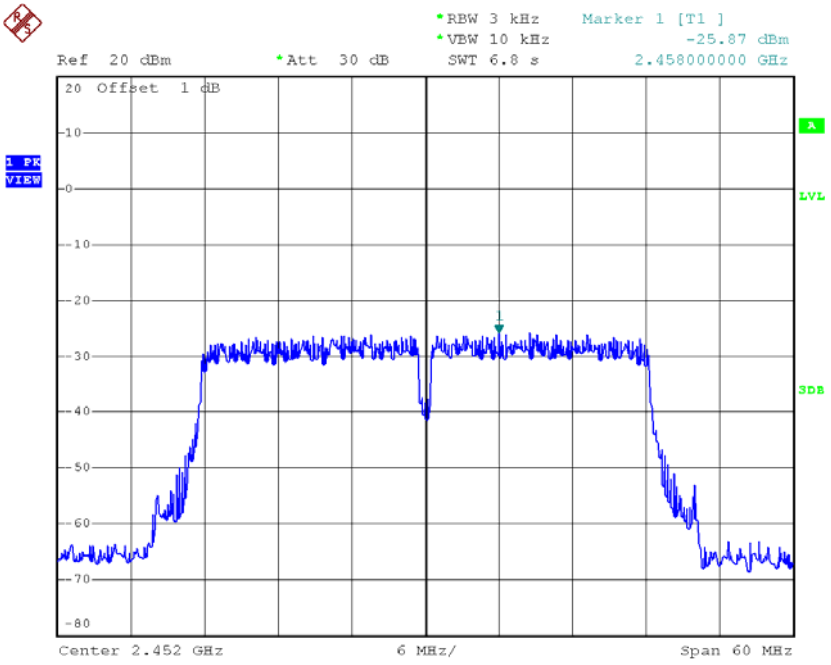


TX CH06



Date: 3.MAR.2016 15:43:44

TX CH09



Date: 3.MAR.2016 15:45:19

Test Mode : TX N-40M Mode_CH03/06/09_Total				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-22.20	0.01	8.00	Complies
2437	-22.02	0.01	8.00	Complies
2452	-21.53	0.01	8.00	Complies