FCC Radio Test Report

FCC ID:KA2IR611A1

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

Project No.	:	1605C153
Equipment	:	Wireless N 300 Router
Model Name	:	DIR-611
Applicant	:	D-Link Corporation
Address	:	17595 Mt. Herrmann , Fountain Valley,California, United States

Date of Receipt	:	May19, 2016
Date of Test	:	May19, 2016 ~ May27, 2016
Issued Date	:	May 30, 2016
Tested by	:	BTL Inc.

Testing Engineer : Shawn xiao
(ShawnXiao)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

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Declaration

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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.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1605C153	Original Issue.	May 30, 2016

1. CERTIFICATION

Equipment	: Wireless N 300 Router
Brand Name	: D-Link
Model Name	: DIR-611
Applicant	: D-Link Corporation
Manufacturer	: D-Link Corporation
Address	: 17595 Mt. Herrmann , Fountain Valley,California, United States
Factory	: 1. Taicang T&W Electronics Co.,Ltd. 2. Shenzhen Gongjin Electronics Co.,Ltd.
Address	: 1. JiangnanRoad89,LoudongStreet,Taicang,Jiangsu,215412,P.R.China 2. No2&3Buildings,MingweiFactoryArea,SonggangRoadWest,No.A Building,1#SonggangRoadSonggangSub-District,Shenzhen,Guangdong,518105,P.R.China
Date of Test	: May19, 2016 ~ May27, 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-1-1605C153) 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 **FCC**	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 estimatedfor 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 astandard 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	Wireless N 300 Router	
Brand Name	D-Link	
Model Name	DIR-611	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b:11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps
	Output Power (Max.)	802.11b: 26.77dBm 802.11g: 29.59dBm 802.11n(20MHz): 29.35dBm 802.11n(40MHz): 28.83dBm
PowerSource	DC Voltage supplied from AC/DC adapter. Brand / Model: Gongjin / S06A12-120A050-C4	
Power Rating	I/P: 100-240V-50/60Hz max 0.3A O/P: 12V⎓0.5A	

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)
1	D-Link	N/A	Dipole	N/A	5
2	D-Link	N/A	Dipole	N/A	5

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R), all transmit signals are completely uncorrelated, then, Direction gain = GANT, that is Directional gain=5.

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 HT40mode : BPSK (27Mbps)
For radiated emission tests, the highest output powers were set for final test.

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

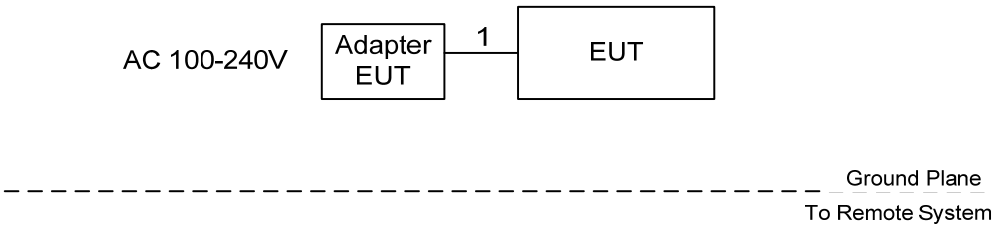
(4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	N/A		
Frequency (MHz)	2412	2437	2462
802.11b	44	44	44
802.11g	41	49	38
802.11n (20MHz)	40	50	40
Frequency	2422	2437	2452
802.11n (40MHz)	40	48	41

3.4BLOCKDIAGRAMSHOWINGTHECONFIGURATIONOFSYSTEMTESTED



3.5DESCRIPTION OF SUPPORT UNITS

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

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

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	DC Cable

4.EMC EMISSION TEST

4.1CONDUCTED 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

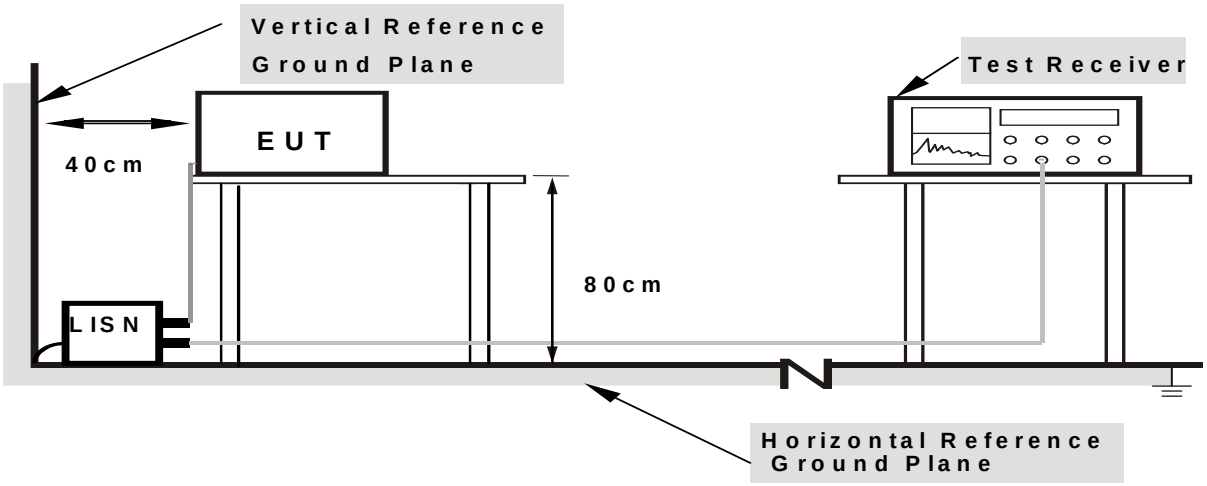
4.1.2 TEST PROCEDURE

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

4.1.3DEVIATIONFROMTESTSTANDARD

No deviation

4.1.4 TESTSETUP



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

4.1.5EUT OPERATING CONDITIONS

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

4.1.6EUT TEST CONDITIONS

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

4.1.7TEST 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 TESTPROCEDURE

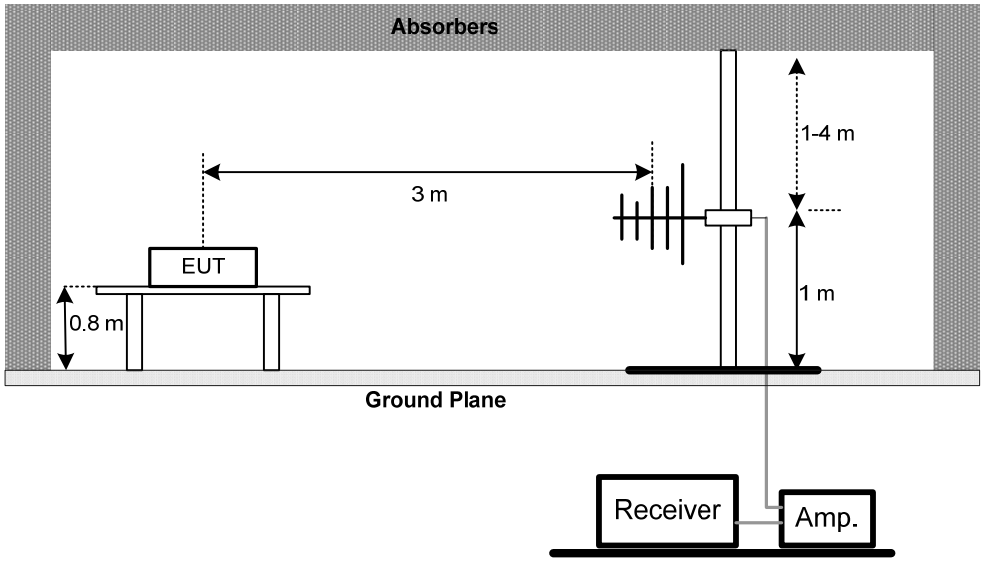
a. The measuring distance of at 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3DEVIATIONFROMTESTSTANDARD

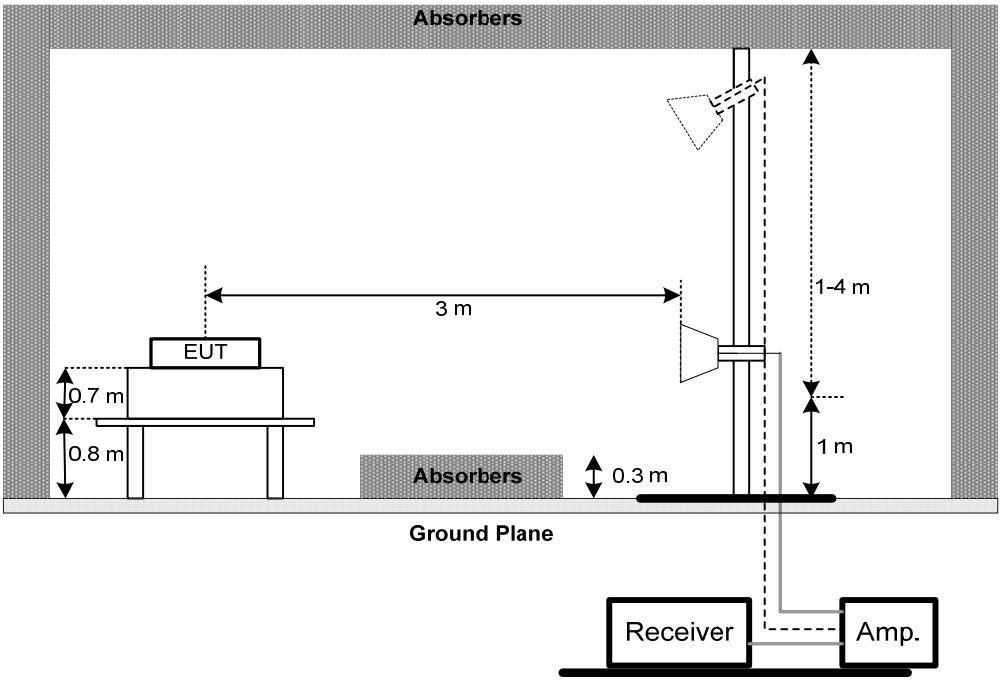
No deviation

4.2.4 TESTSETUP

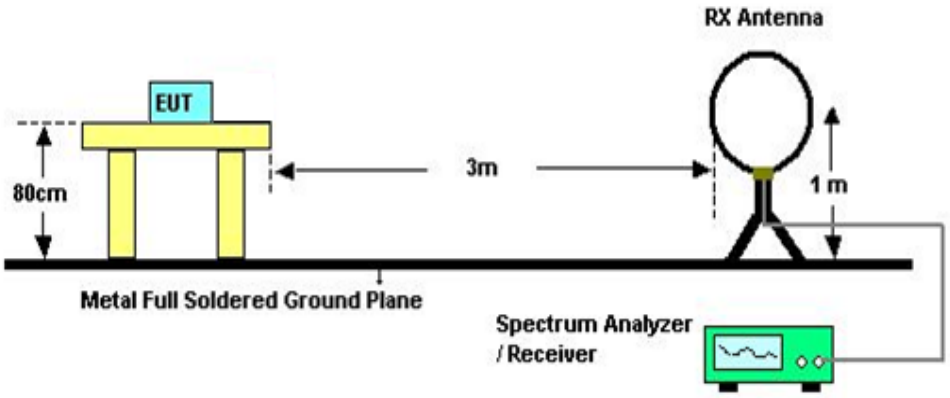
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6EUT TEST CONDITIONS

Temperature: 25°CRelative 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(30MHZTO 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

5.1APPLIED PROCEDURES

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

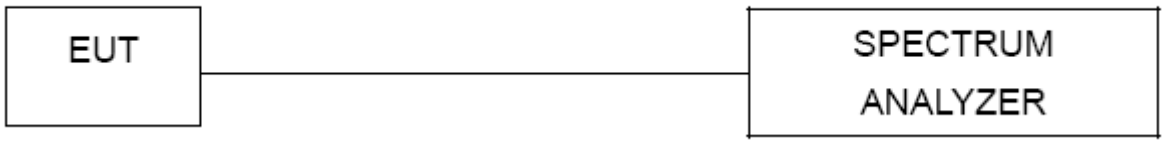
5.1.1TEST PROCEDURE

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.

5.1.2DEVIATION FROM STANDARD

No deviation.

5.1.3TEST SETUP



5.1.4EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5EUT TEST CONDITIONS

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

5.1.6TEST RESULTS

Please refer to the Attachment E.

6.MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1APPLIED 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

6.1.1TEST 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 FCC KDB 662911 D01 Multiple Transmitter Output v02r01 and method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance v03r05.

6.1.2DEVIATION FROM STANDARD

No deviation.

6.1.3TEST SETUP

6.1.4EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.1.5EUT TEST CONDITIONS

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

6.1.6TEST RESULTS

Please refer to the Attachment F.

7.ANTENNA CONDUCTED SPURIOUS EMISSION

7.1APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum ordigitally 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 thatcontains 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.

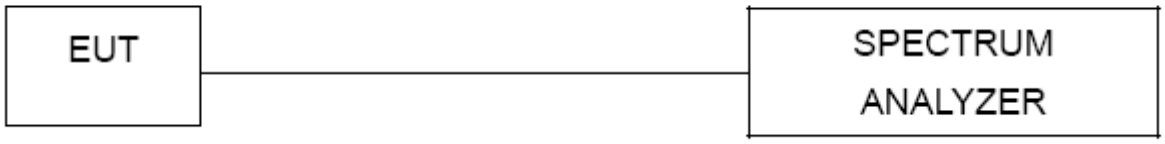
7.1.1TEST PROCEDURE

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

7.1.2DEVIATION FROM STANDARD

No deviation.

7.1.3TEST SETUP



7.1.4EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5EUT TEST CONDITIONS

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

7.1.6TEST RESULTS

Please refer to the Attachment G.

8.POWER SPECTRAL DENSITY TEST

8.1APPLIED 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

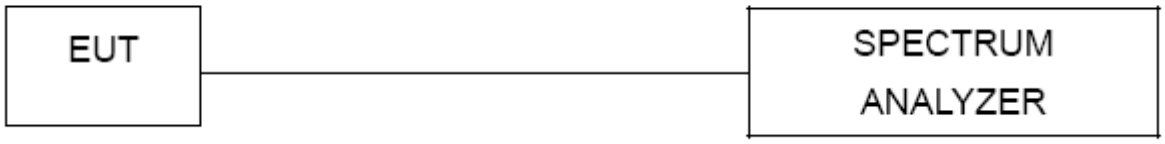
8.1.1TEST PROCEDURE

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.

8.1.2DEVIATION FROM STANDARD

No deviation.

8.1.3TEST SETUP



8.1.4EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5EUT TEST CONDITIONS

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

8.1.6TEST 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. 28, 2016
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. 28, 2016
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 BandwidthMeasurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Peak Output PowerMeasurement					
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

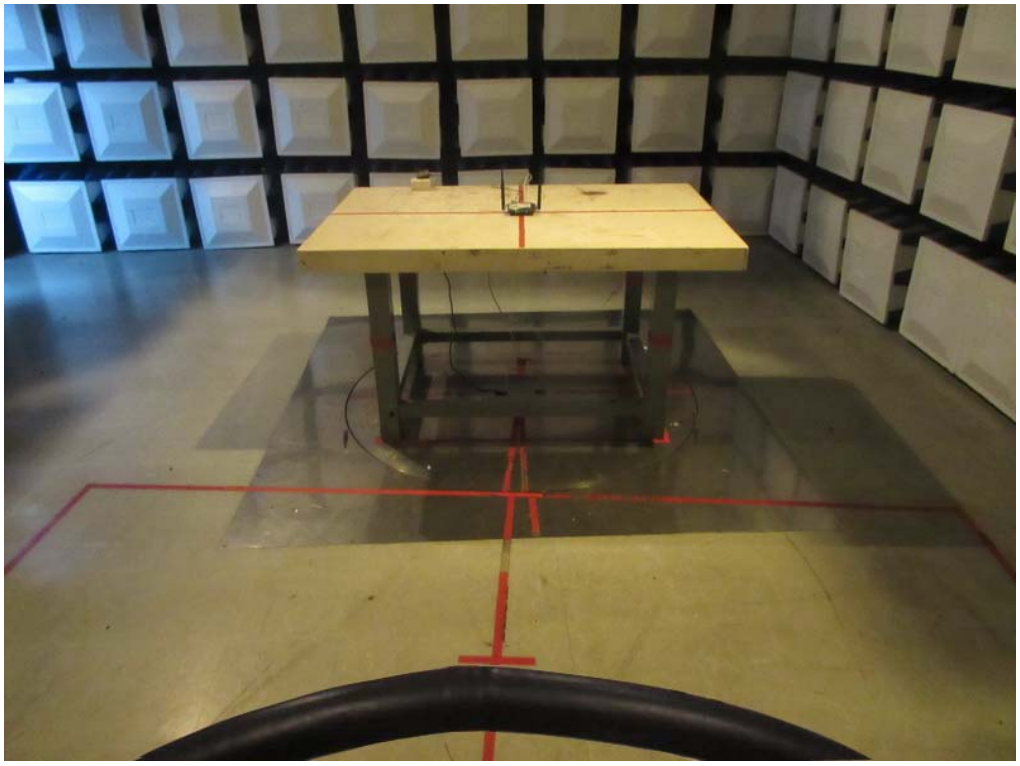
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

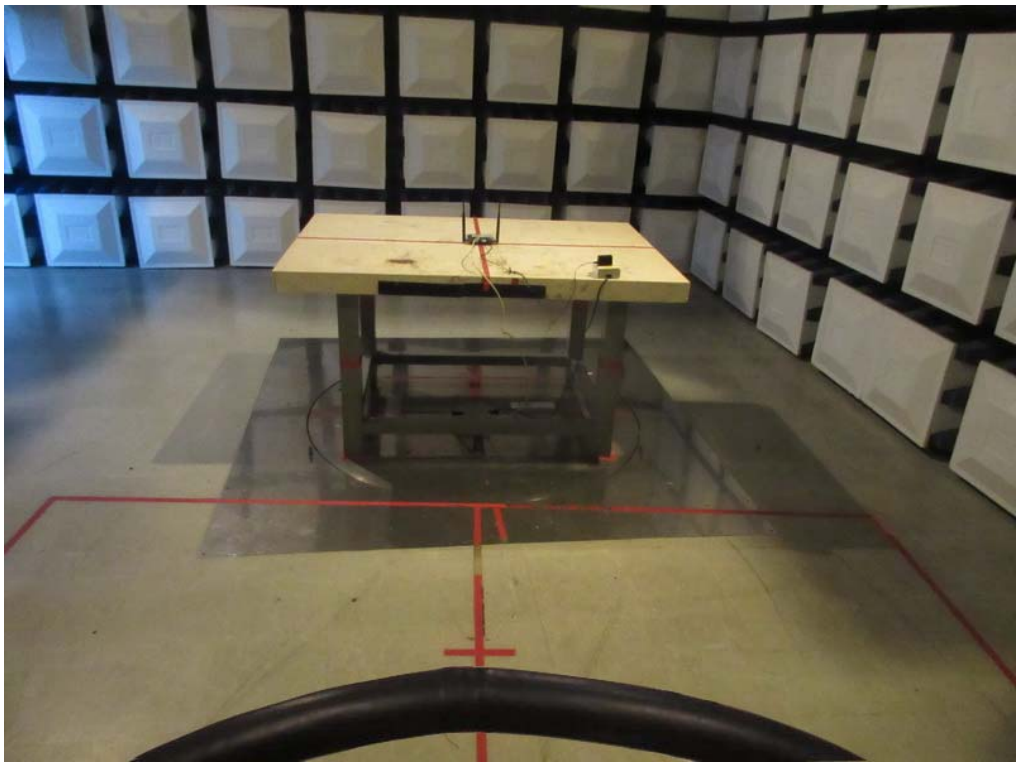
10.EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos

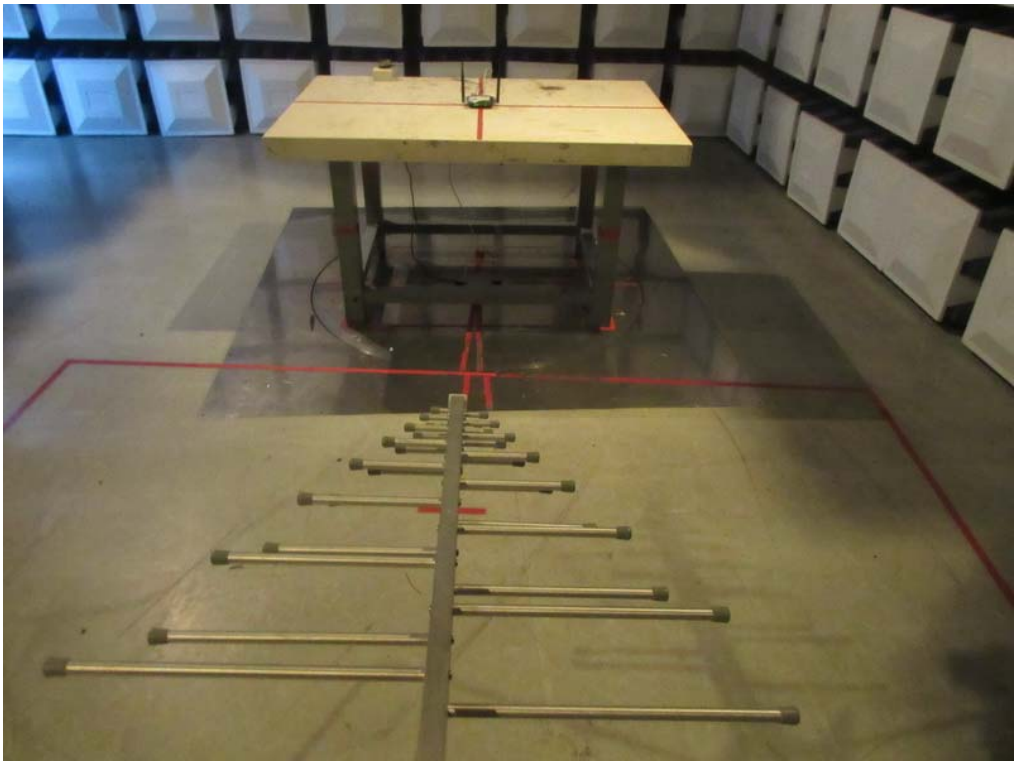
9KHz to 30MHz

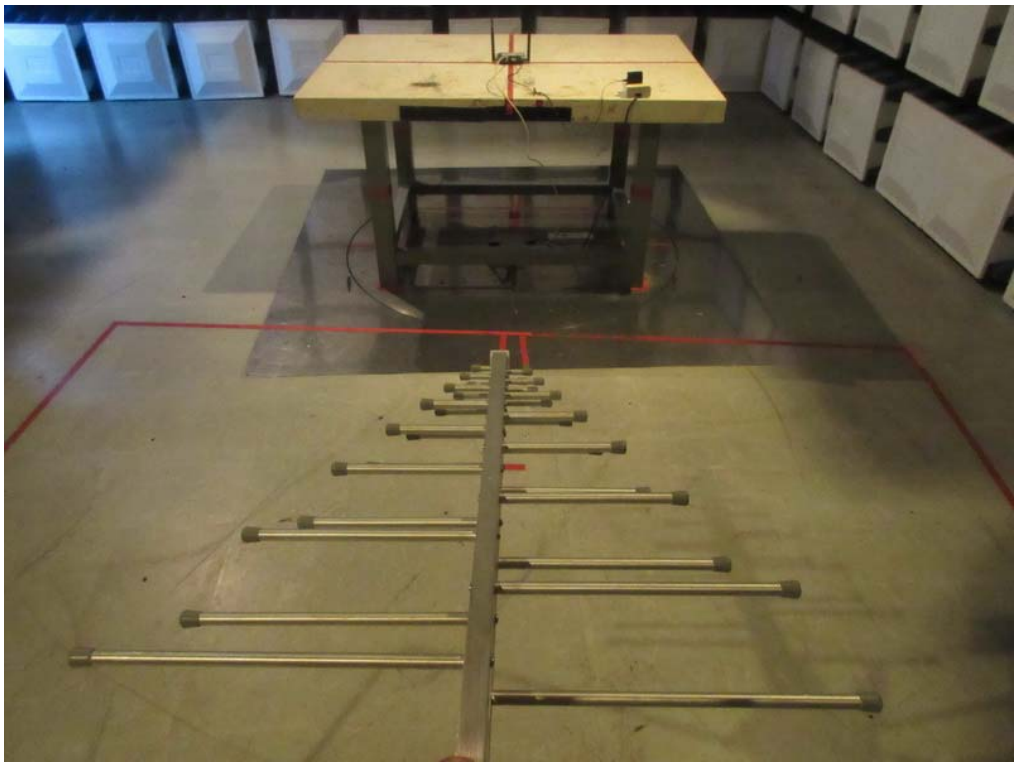




Radiated Measurement Photos

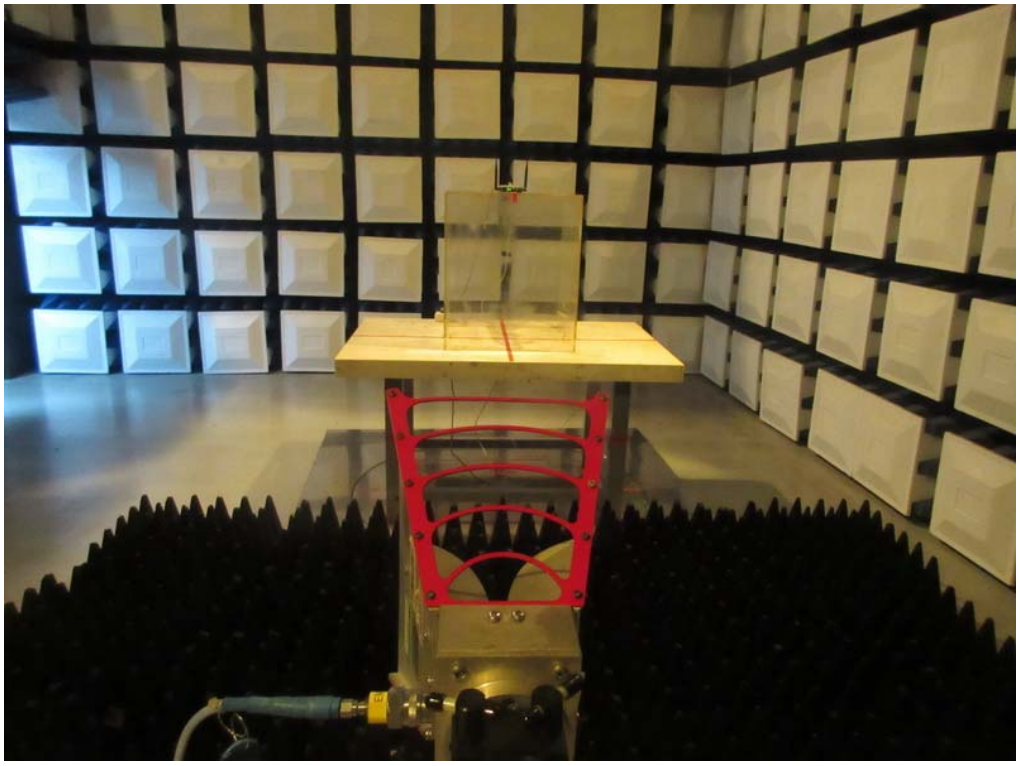
30MHz to 1000MHz

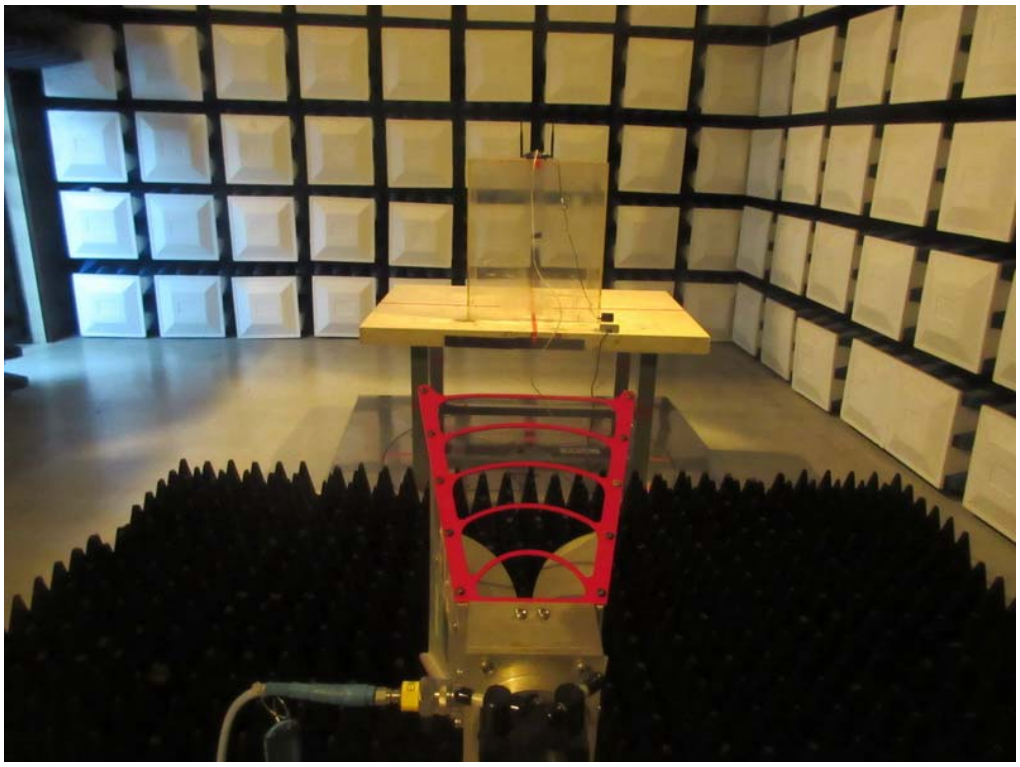




Radiated Measurement Photos

Above 1000MHz

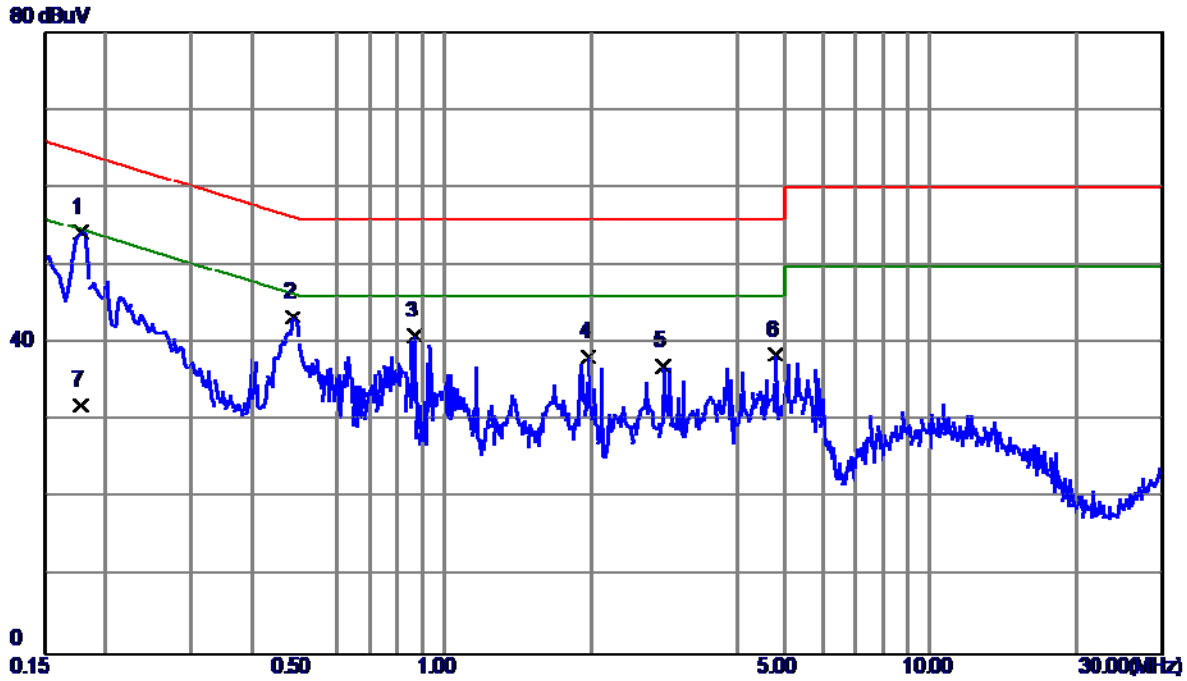




ATTACHMENT A -CONDUCTED EMISSION

Test Mode :	Normal Link

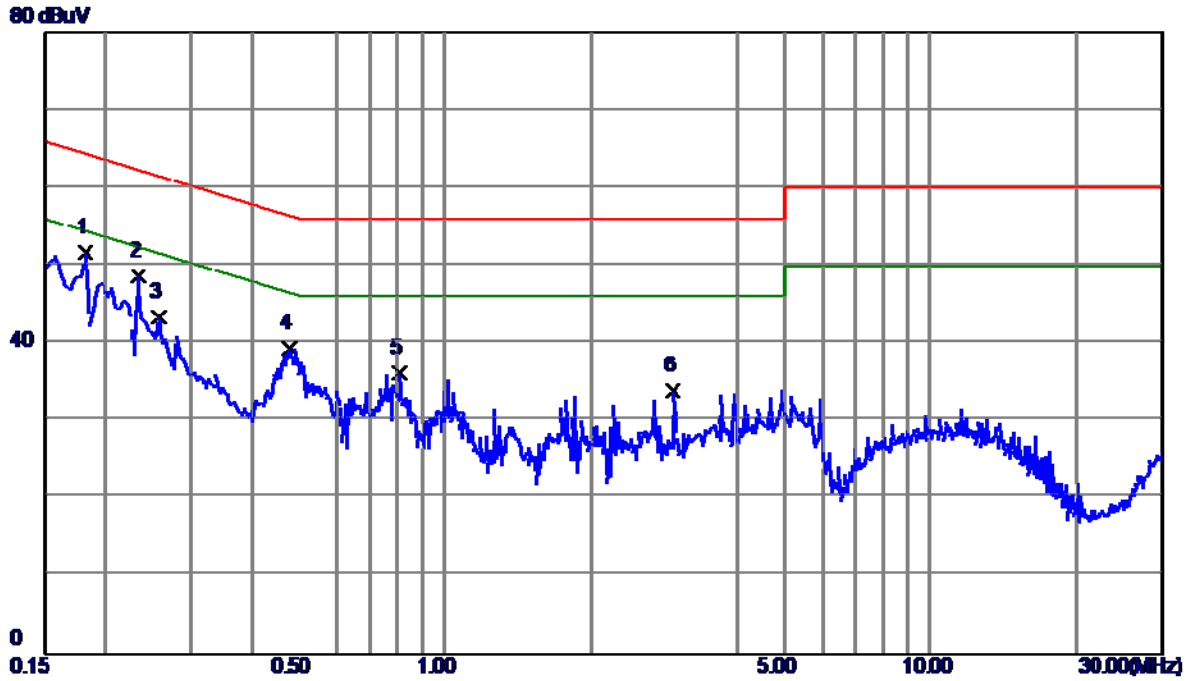
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1780	44.70	9.53	54.23	64.58	-10.35	Peak	
2	0.4860	33.71	9.63	43.34	56.24	-12.90	Peak	
3	0.8660	31.18	9.75	40.93	56.00	-15.07	Peak	
4	1.9740	28.32	9.89	38.21	56.00	-17.79	Peak	
5	2.8140	26.95	10.09	37.04	56.00	18.96	Peak	
6	4.8220	28.45	10.03	38.48	56.00	-17.52	Peak	
7	0.1780	22.40	9.53	31.93	54.58	-22.65	AVG	

Test Mode :	Normal Link

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1819	42.23	9.47	51.70	64.40	-12.70	Peak	
2	0.2340	39.18	9.53	48.71	62.31	-13.60	Peak	
3	0.2580	33.88	9.53	43.41	61.50	-18.09	Peak	
4	0.4780	29.86	9.44	39.30	56.37	-17.07	Peak	
5	0.8100	26.65	9.56	36.21	56.00	19.79	Peak	
6	2.9420	24.07	9.79	33.86	56.00	-22.14	Peak	

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

Test Mode:	TX B MODE CHANNEL 01

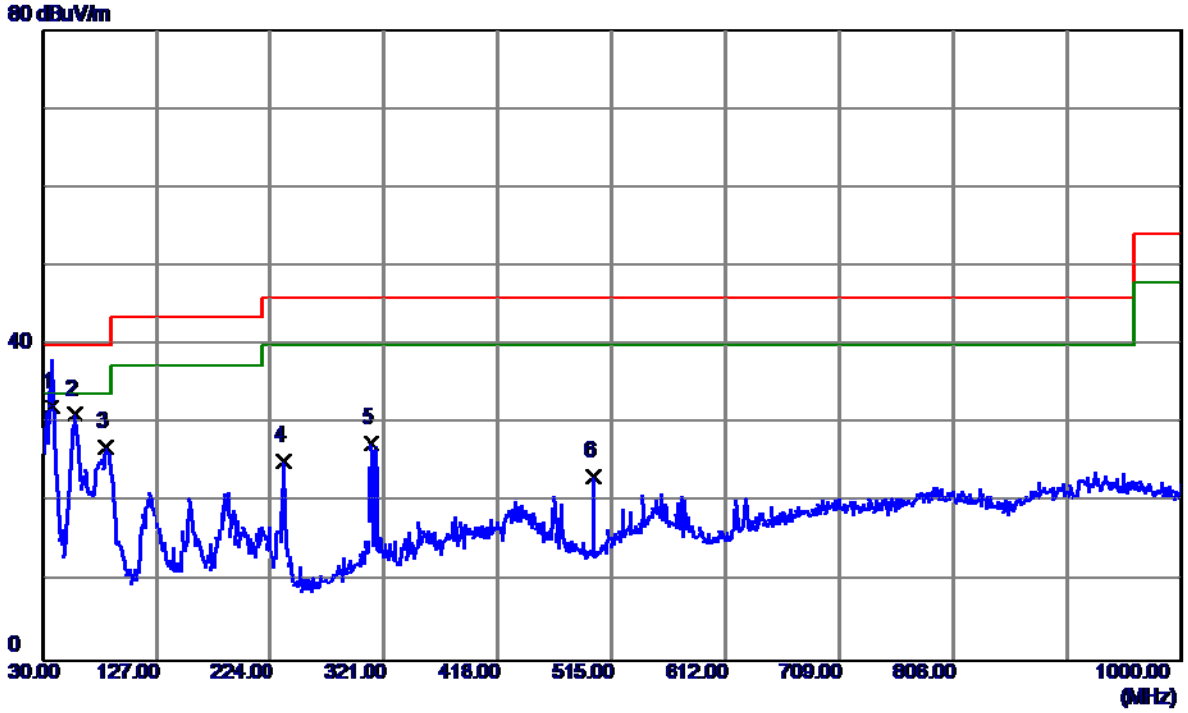
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0095	0°	13.38	24.9650	38.3450	128.0498	-89.7048	AVG
0.0095	0°	14.27	24.9650	39.2350	148.0498	-108.8148	PEAK
0.028	0°	6.74	23.7933	30.5333	118.6611	-88.1277	AVG
0.028	0°	8.11	23.7933	31.9033	138.6611	-106.7577	PEAK
0.0367	0°	3.14	23.2423	26.3823	116.3109	-89.9286	AVG
0.0367	0°	5.56	23.2423	28.8023	136.3109	-107.5086	PEAK
0.0582	0°	1.12	22.2360	23.3560	112.3058	-88.9498	AVG
0.0582	0°	2.49	22.2360	24.7260	132.3058	-107.5798	PEAK
0.5091	0°	19.32	19.8291	39.1491	73.4682	-34.3190	QP
1.9522	0°	23.68	19.5048	43.1848	69.5400	-26.3552	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0123	90°	13.11	24.3000	37.4100	125.8061	-88.3961	AVG
0.0123	90°	14.84	24.3000	39.1400	145.8061	-106.6661	PEAK
0.0259	90°	7.03	23.9263	30.9563	119.3382	-88.3819	AVG
0.0259	90°	8.91	23.9263	32.8363	139.3382	-106.5019	PEAK
0.0432	90°	4.72	22.8307	27.5507	114.8945	-87.3439	AVG
0.0432	90°	6.15	22.8307	28.9807	134.8945	-105.9139	PEAK
0.0582	90°	1.52	22.2360	23.7560	112.3058	-88.5498	AVG
0.0582	90°	2.84	22.2360	25.0760	132.3058	-107.2298	PEAK
0.6211	90°	22.16	20.1875	42.3475	71.7410	-29.3935	QP
2.0544	90°	24.53	19.4674	43.9974	69.5400	-25.5426	QP

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

Test Mode:	TX B MODE CHANNEL 01

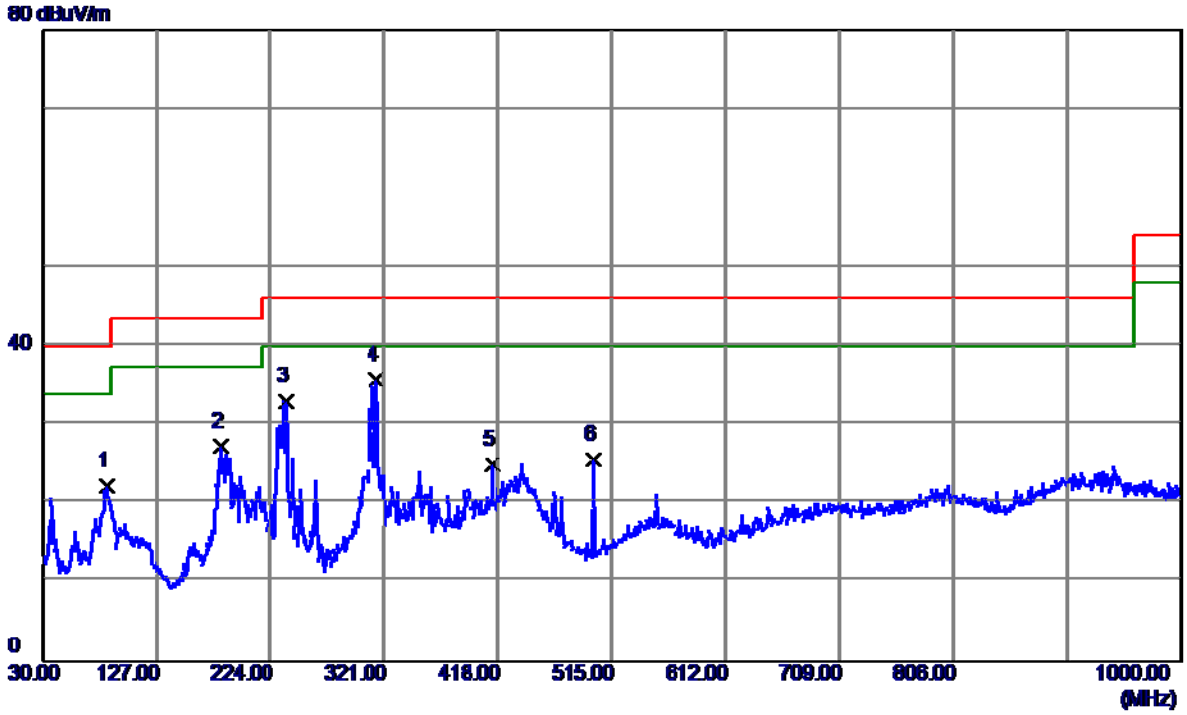
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	37.2750	46.98	-14.79	32.19	40.00	-7.81	QP	
2	57.6450	45.84	-14.70	31.14	40.00	-8.86	Peak	
3	84.3200	45.46	-18.35	27.11	40.00	-12.89	Peak	
4	235.6400	41.04	-15.72	25.32	46.00	-20.68	Peak	
5	310.3299	40.44	-12.99	27.45	46.00	-18.55	Peak	
6	499.9650	36.78	-13.49	23.29	46.00	-22.71	Peak	

Test Mode:	TX B MODE CHANNEL 01

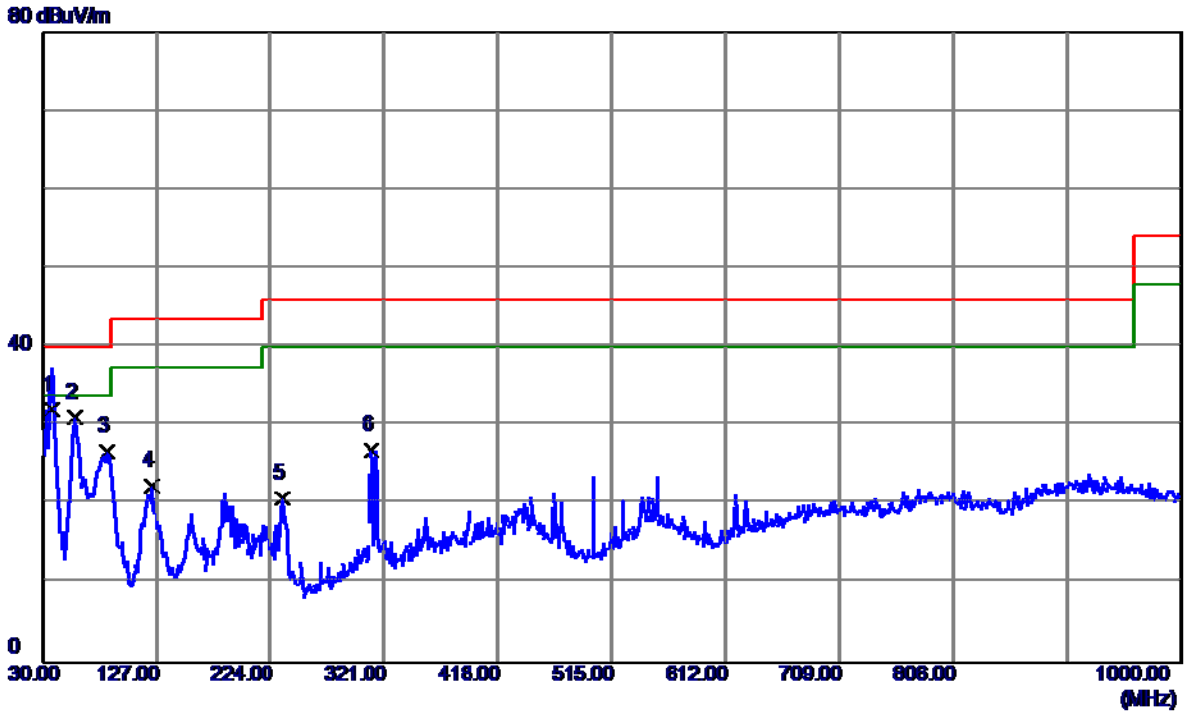
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	84.8050	40.74	-18.49	22.25	40.00	-17.75	Peak	
2	182.2899	42.14	-14.86	27.28	43.50	-16.22	Peak	
3	238.0650	48.84	-15.84	33.00	46.00	-13.00	Peak	
4 *	314.6950	48.76	-13.11	35.65	46.00	-10.35	Peak	
5	413.6350	36.03	-11.10	24.93	46.00	-21.07	Peak	
6	499.9650	39.09	-13.49	25.60	46.00	-20.40	Peak	

Test Mode:	TX B MODE CHANNEL 06

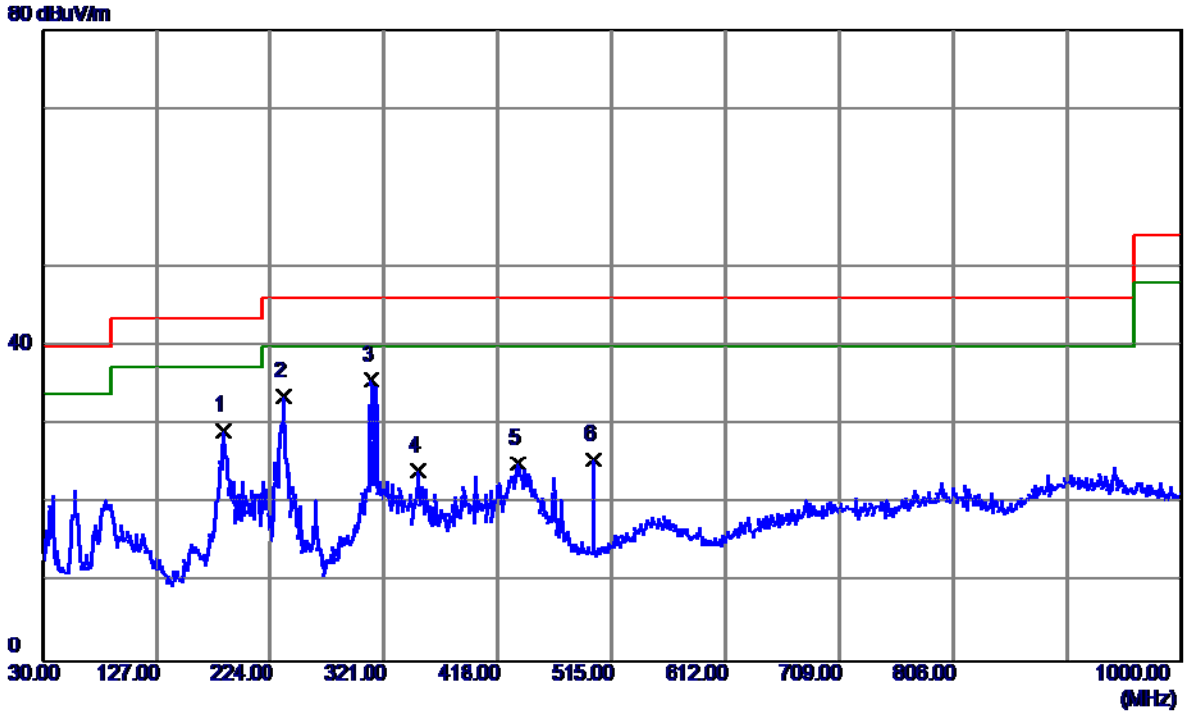
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	37.7599	46.96	-14.89	32.07	40.00	-7.93	QP	
2	58.1300	45.80	-14.80	31.00	40.00	-9.00	Peak	
3	85.2900	45.26	-18.55	26.71	40.00	-13.29	Peak	
4	123.1200	36.92	-14.51	22.41	43.50	-21.09	Peak	
5	234.6700	36.50	-15.67	20.83	46.00	-25.17	Peak	
6	310.3299	39.89	-12.99	26.90	46.00	-19.10	Peak	

Test Mode:	TX B MODE CHANNEL 06

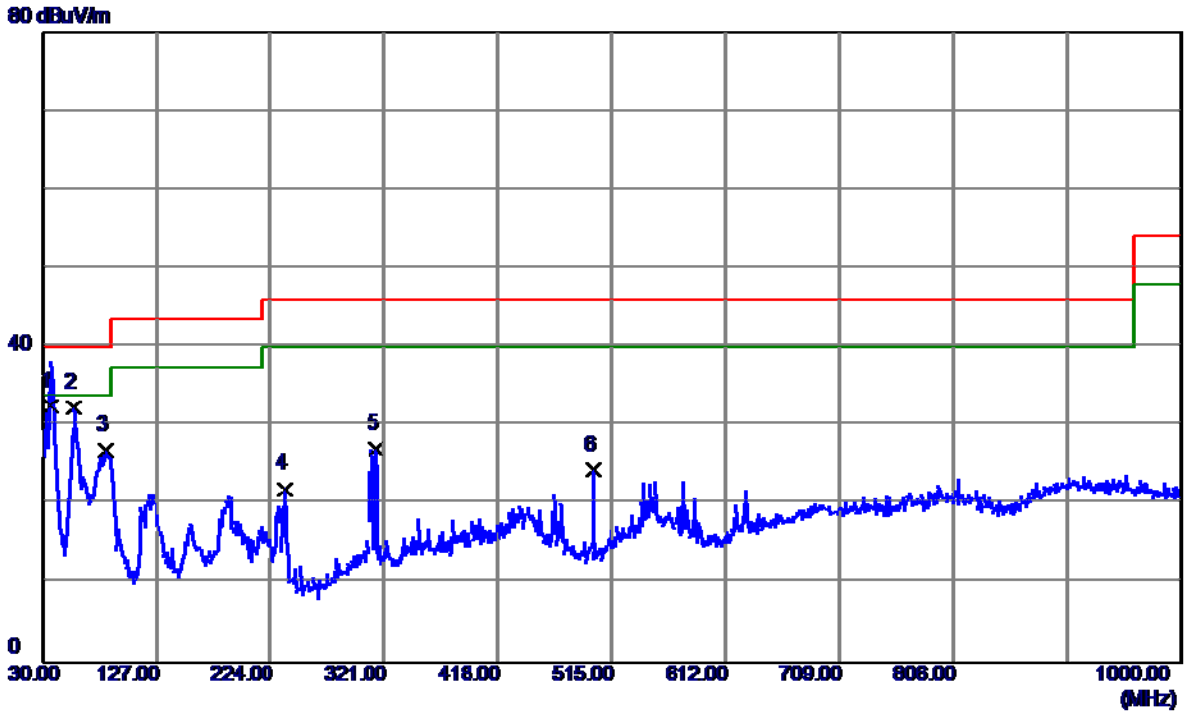
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	184.2300	44.32	-15.08	29.24	43.50	-14.26	Peak	
2	235.6400	49.38	-15.72	33.66	46.00	-12.34	Peak	
3 *	310.3299	48.68	-12.99	35.69	46.00	-10.31	Peak	
4	350.1000	38.25	-14.08	24.17	46.00	-21.83	Peak	
5	435.4600	36.40	-11.33	25.07	46.00	-20.93	Peak	
6	499.9650	39.08	-13.49	25.59	46.00	-20.41	Peak	

Test Mode:	TX B MODE CHANNEL 11

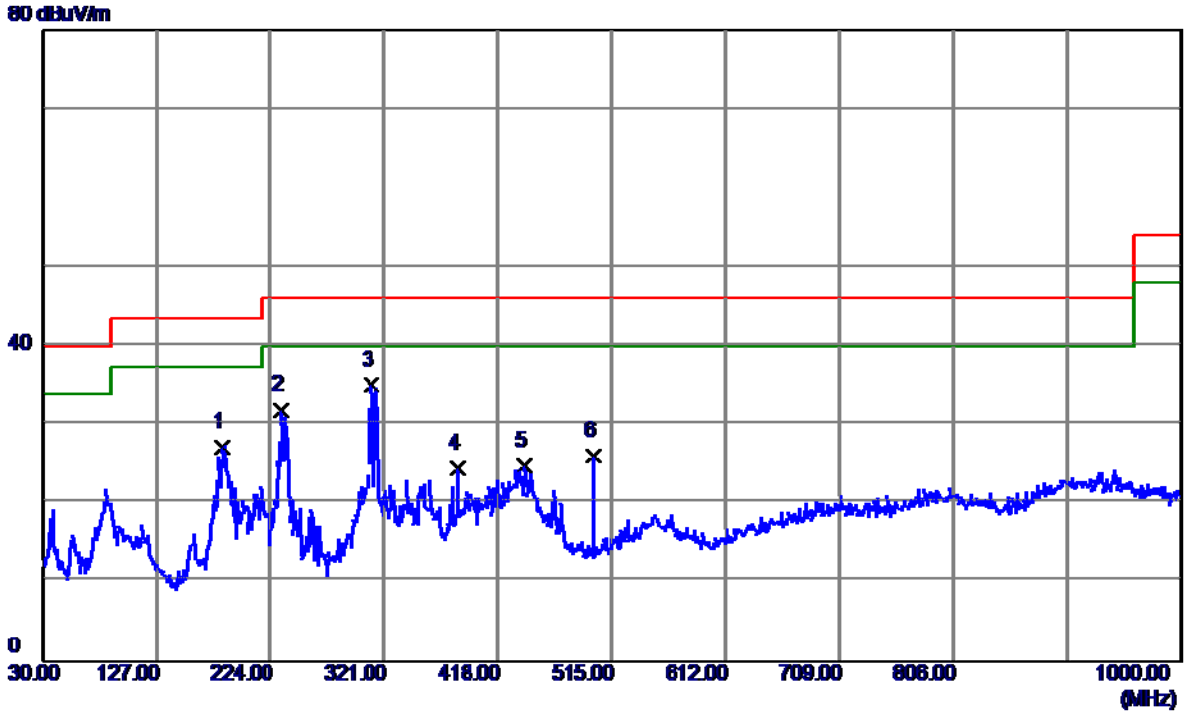
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	47.16	-14.70	32.46	40.00	-7.54	QP	
2	57.1600	46.86	-14.55	32.31	40.00	-7.69	Peak	
3	83.8350	45.13	-18.22	26.91	40.00	-13.09	Peak	
4	236.6100	37.77	-15.77	22.00	46.00	-24.00	Peak	
5	314.6950	40.10	-13.11	26.99	46.00	-19.01	Peak	
6	499.9650	37.89	-13.49	24.40	46.00	-21.60	Peak	

Test Mode:	TX B MODE CHANNEL 11

Horizontal

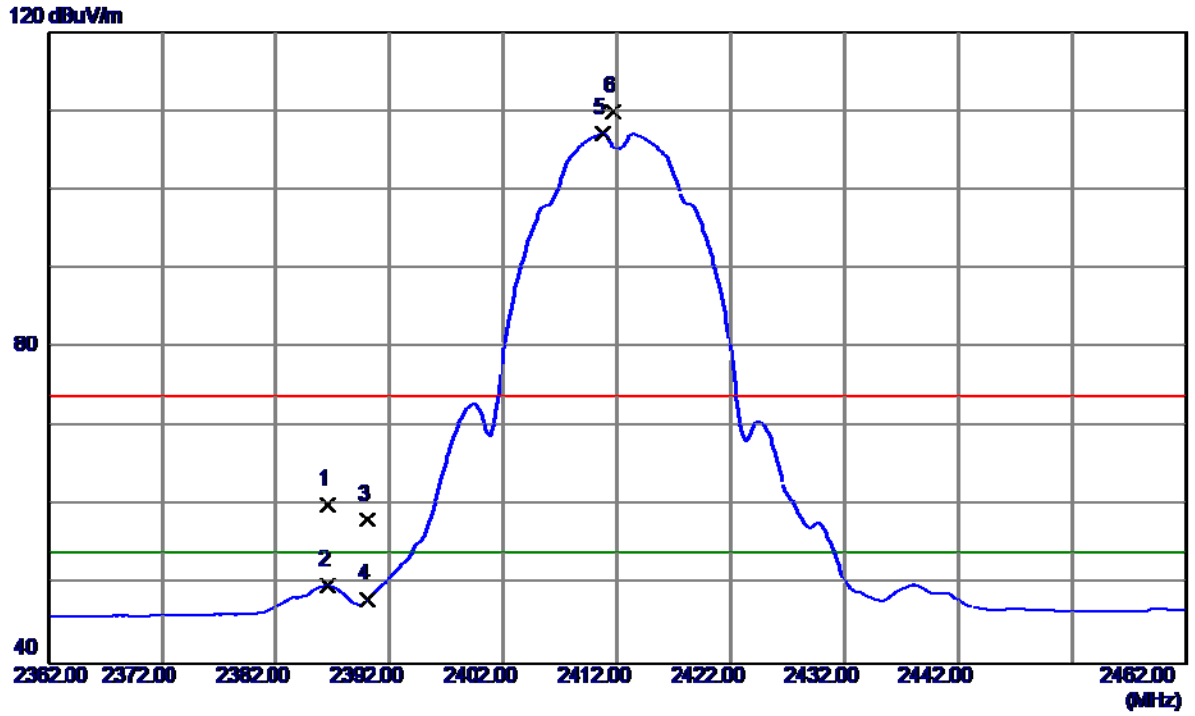


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	182.7750	42.18	-14.91	27.27	43.50	-16.23	Peak	
2	233.7000	47.53	-15.63	31.90	46.00	-14.10	Peak	
3 *	310.3299	47.97	-12.99	34.98	46.00	-11.02	Peak	
4	383.0799	36.46	-12.02	24.44	46.00	-21.56	Peak	
5	440.3100	36.13	-11.38	24.75	46.00	-21.25	Peak	
6	499.9650	39.62	-13.49	26.13	46.00	-19.87	Peak	

ATTACHMENT D -RADIATED EMISSION (ABOVE 1000MHZ)

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

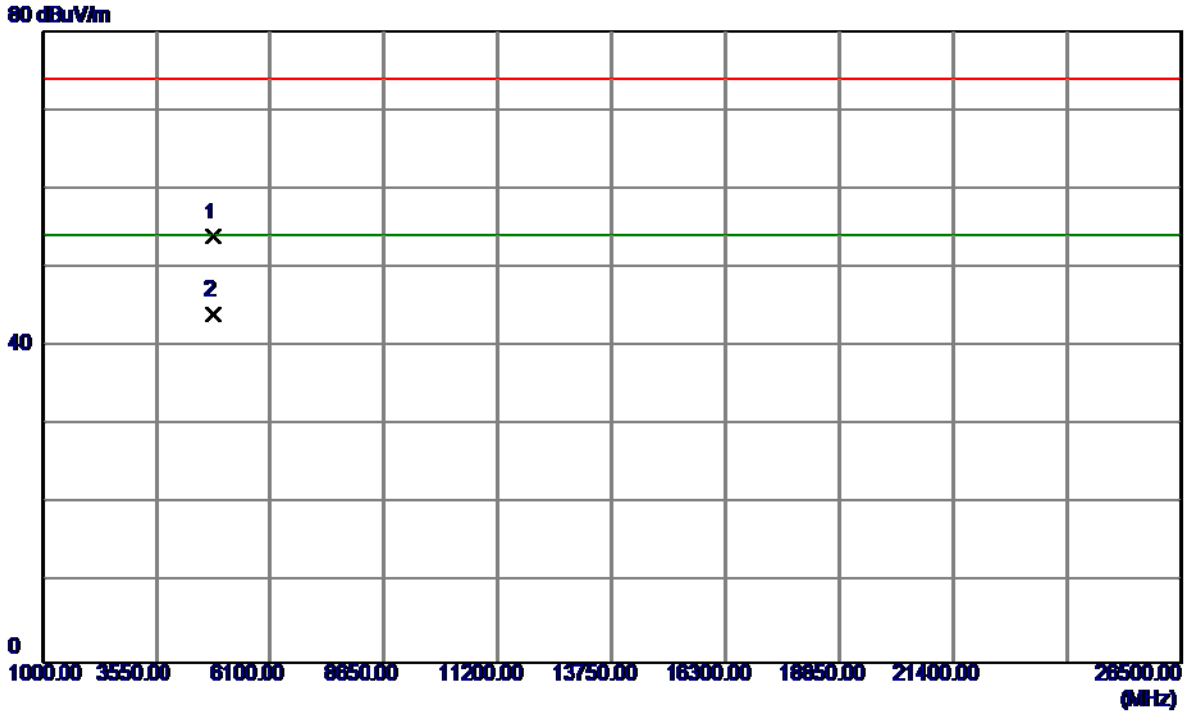
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2386.5500	27.41	32.75	60.16	74.00	-13.84	Peak	
2	2386.5500	17.12	32.75	49.87	54.00	-4.13	AVG	
3	2390.0000	25.47	32.77	58.24	74.00	-15.76	Peak	
4	2390.0000	15.38	32.77	48.15	54.00	-5.85	AVG	
5 *	2410.8000	74.34	32.85	107.19	54.00	53.19	AVG	NO LIMIT
6	2411.7000	77.08	32.86	109.94	74.00	35.94	Peak	NO LIMIT

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

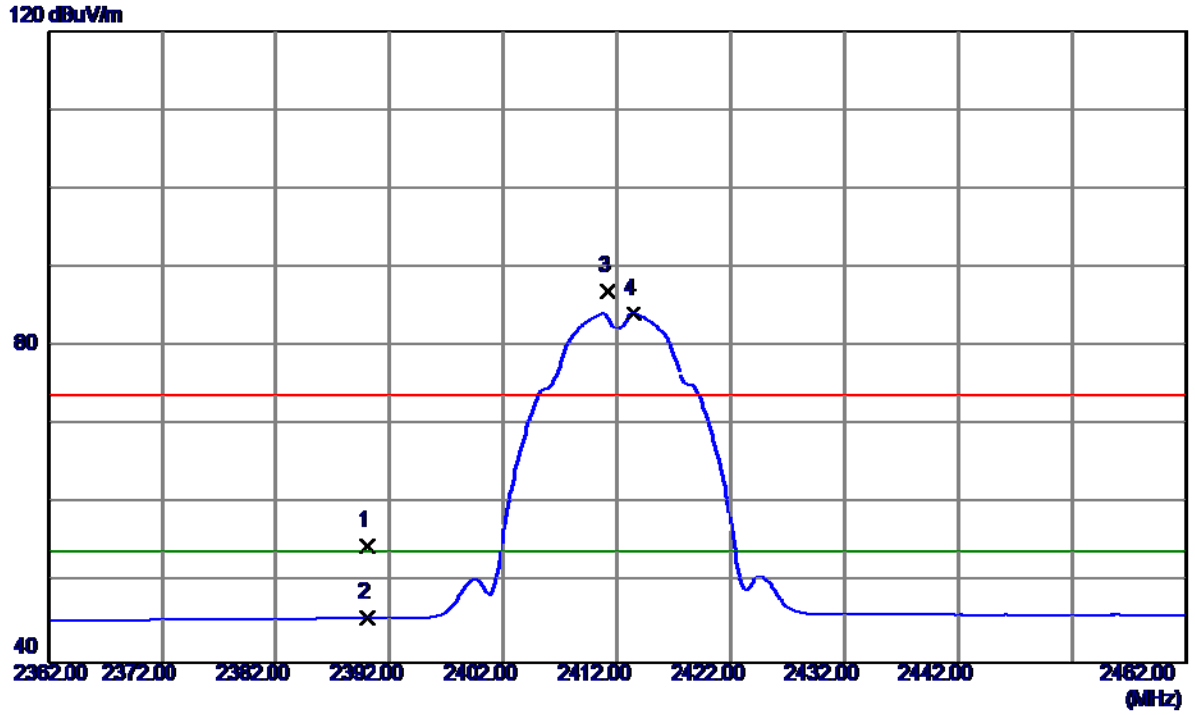
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9720	49.15	4.69	53.84	74.00	-20.16	Peak	
2 *	4824.0230	39.25	4.69	43.94	54.00	-10.06	AVG	

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

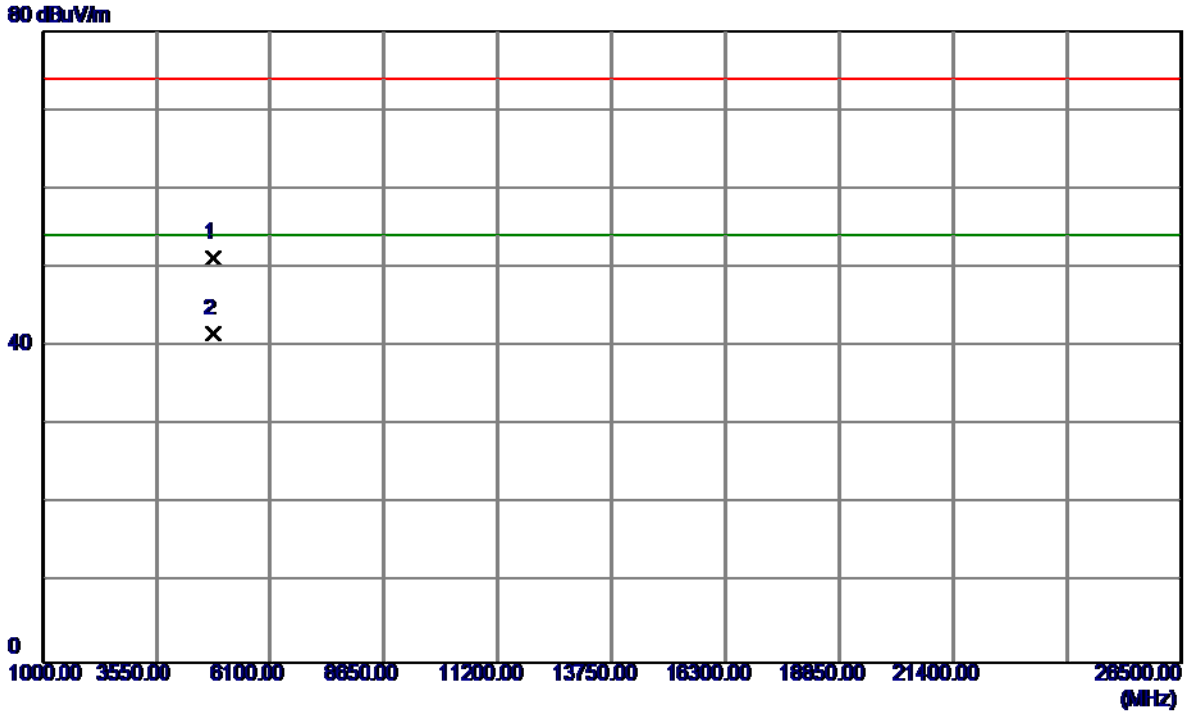
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	21.96	32.77	54.73	74.00	-19.27	Peak	
2	2390.0000	12.79	32.77	45.56	54.00	-8.44	AVG	
3	2411.2000	54.25	32.85	87.10	74.00	13.10	Peak	NO LIMIT
4 *	2413.4000	51.27	32.86	84.13	54.00	30.13	AVG	NO LIMIT

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

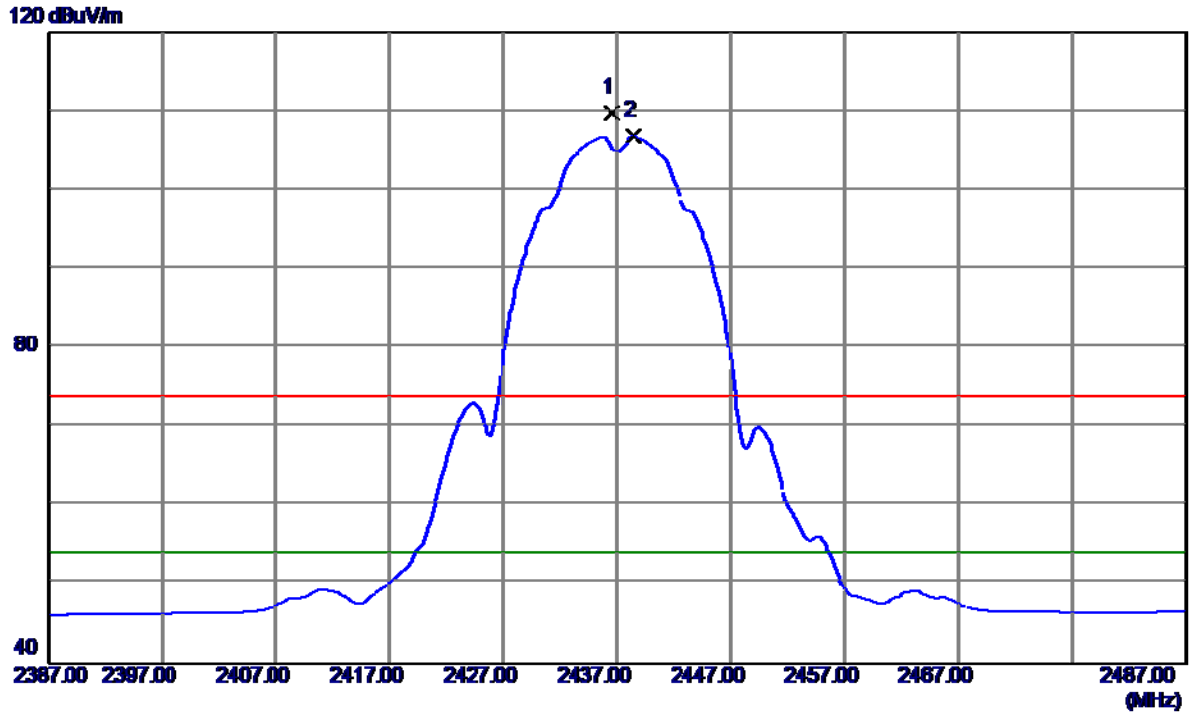
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4820.2700	46.51	4.68	51.19	74.00	-22.81	Peak	
2 *	4824.0099	36.84	4.69	41.53	54.00	-12.47	AVG	

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

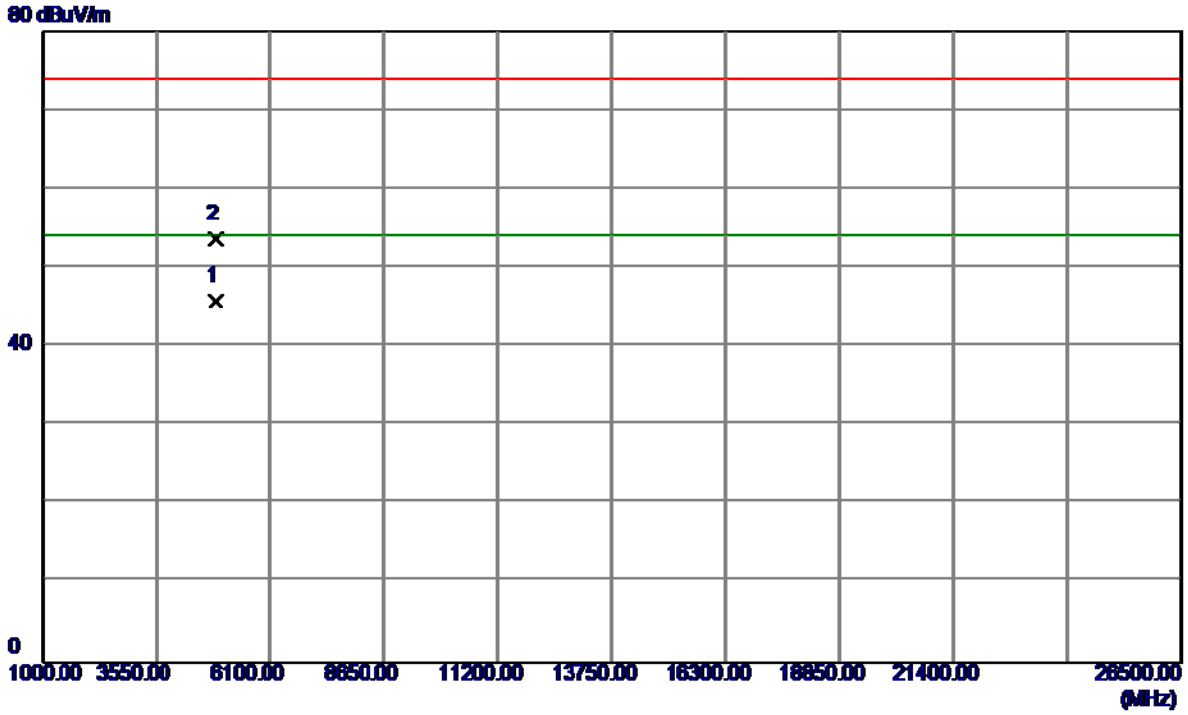
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2436.6000	76.72	32.96	109.68	74.00	35.68	Peak	NO LIMIT
2 *	2438.4000	73.86	32.97	106.83	54.00	52.83	AVG	NO LIMIT

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

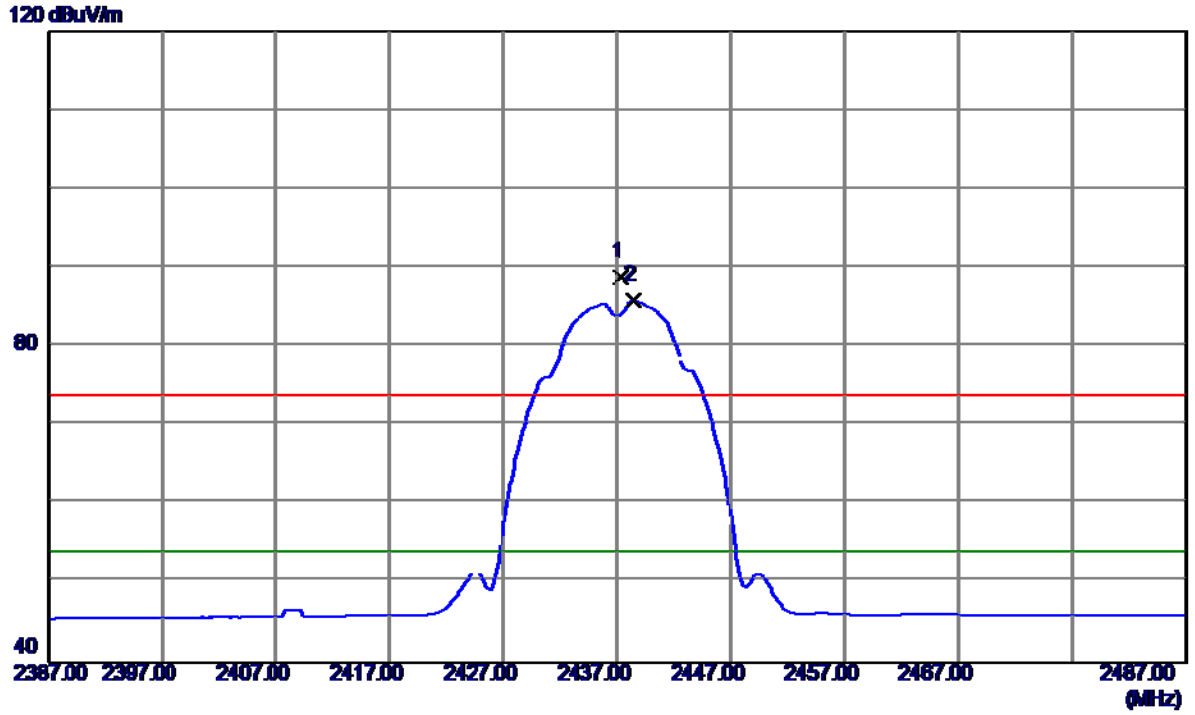
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0070	40.84	4.89	45.73	54.00	-8.27	AVG	
2	4874.1850	48.74	4.89	53.63	74.00	-20.37	Peak	

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

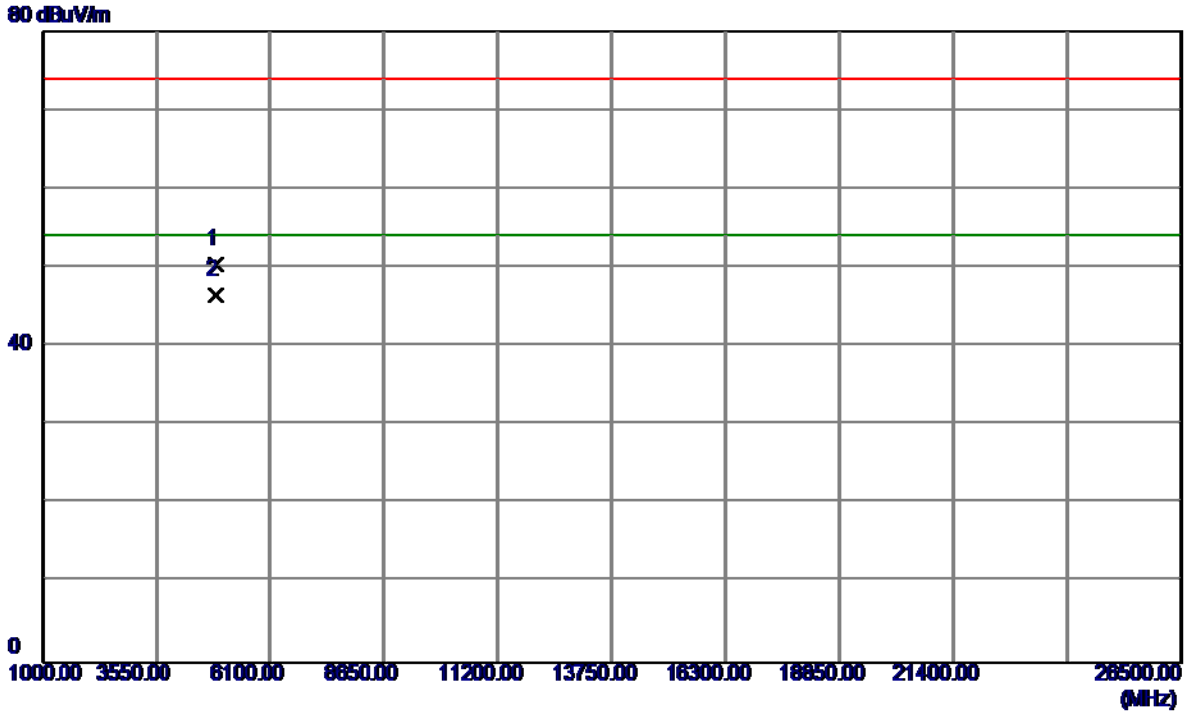
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2437.3500	55.78	32.96	88.74	74.00	14.74	Peak	NO LIMIT
2 *	2438.4000	52.88	32.97	85.85	54.00	31.85	AVG	NO LIMIT

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

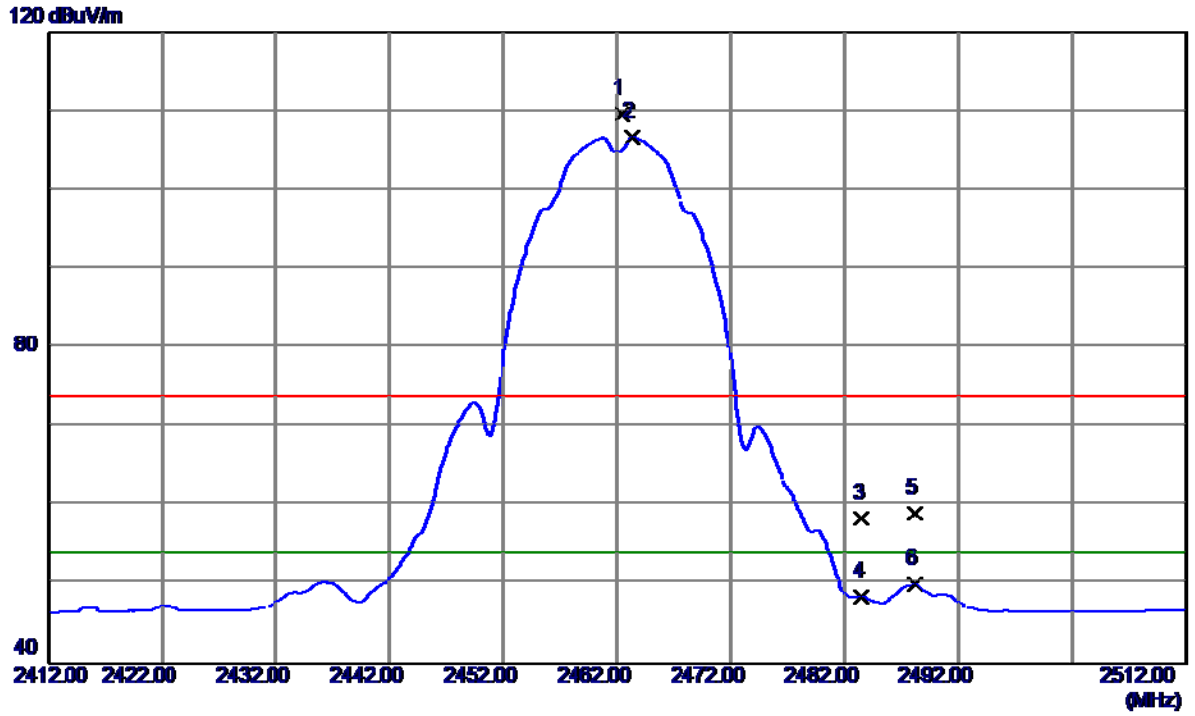
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9550	45.50	4.89	50.39	74.00	-23.61	Peak	
2 *	4874.0099	41.64	4.89	46.53	54.00	-7.47	AVG	

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

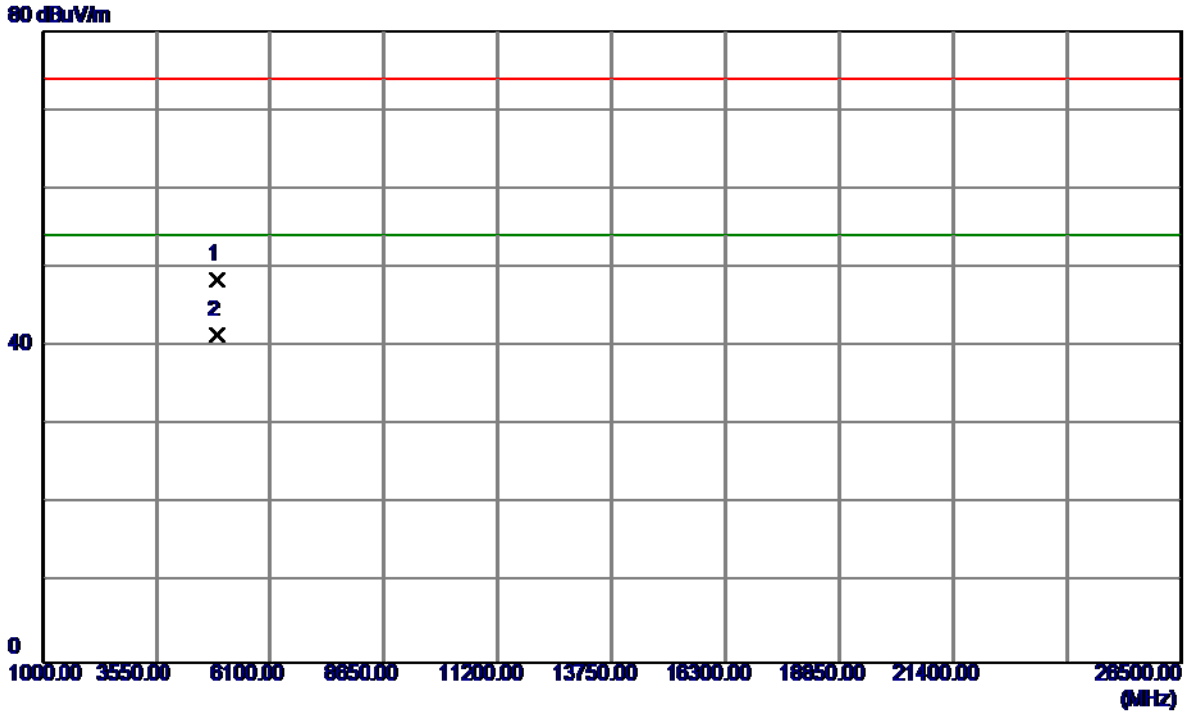
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.4000	76.49	33.07	109.56	74.00	35.56	Peak	NO LIMIT
2 *	2463.3500	73.67	33.07	106.74	54.00	52.74	AVG	NO LIMIT
3	2483.5000	25.29	33.15	58.44	74.00	-15.56	Peak	
4	2483.5000	15.30	33.15	48.45	54.00	-5.55	AVG	
5	2488.2000	25.92	33.17	59.09	74.00	-14.91	Peak	
6	2488.2000	16.90	33.17	50.07	54.00	-3.93	AVG	

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

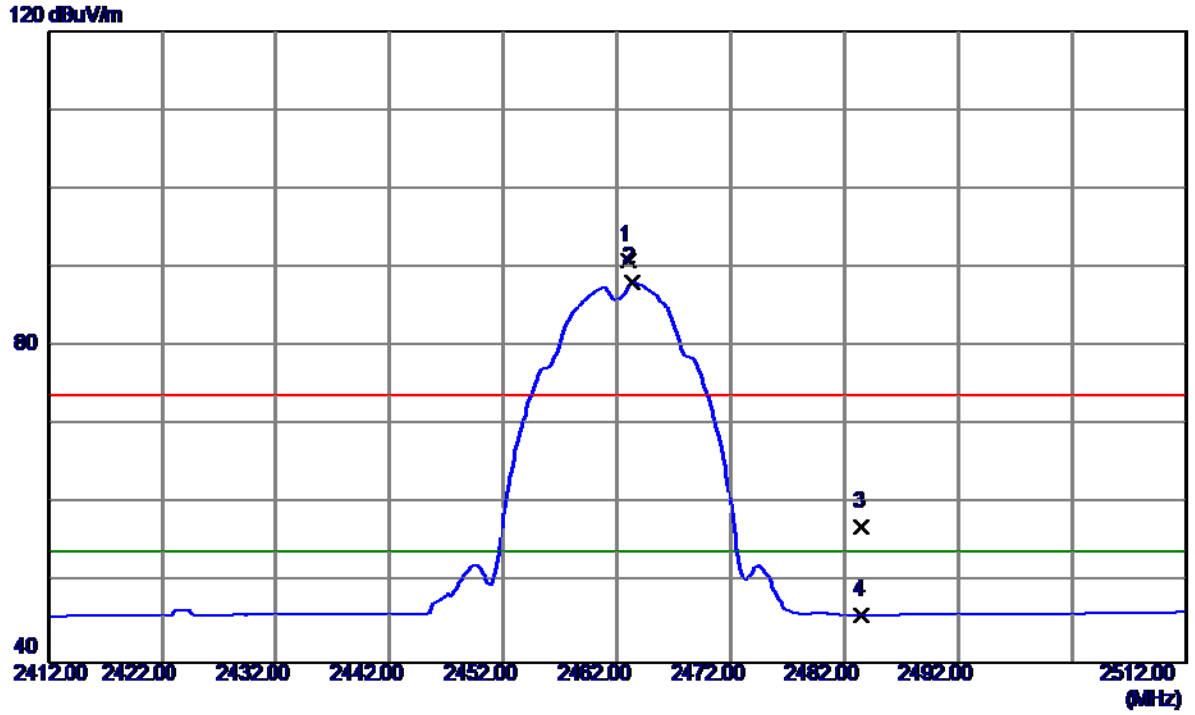
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.9950	43.34	5.08	48.42	74.00	-25.58	Peak	
2 *	4924.0170	36.31	5.08	41.39	54.00	-12.61	AVG	

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

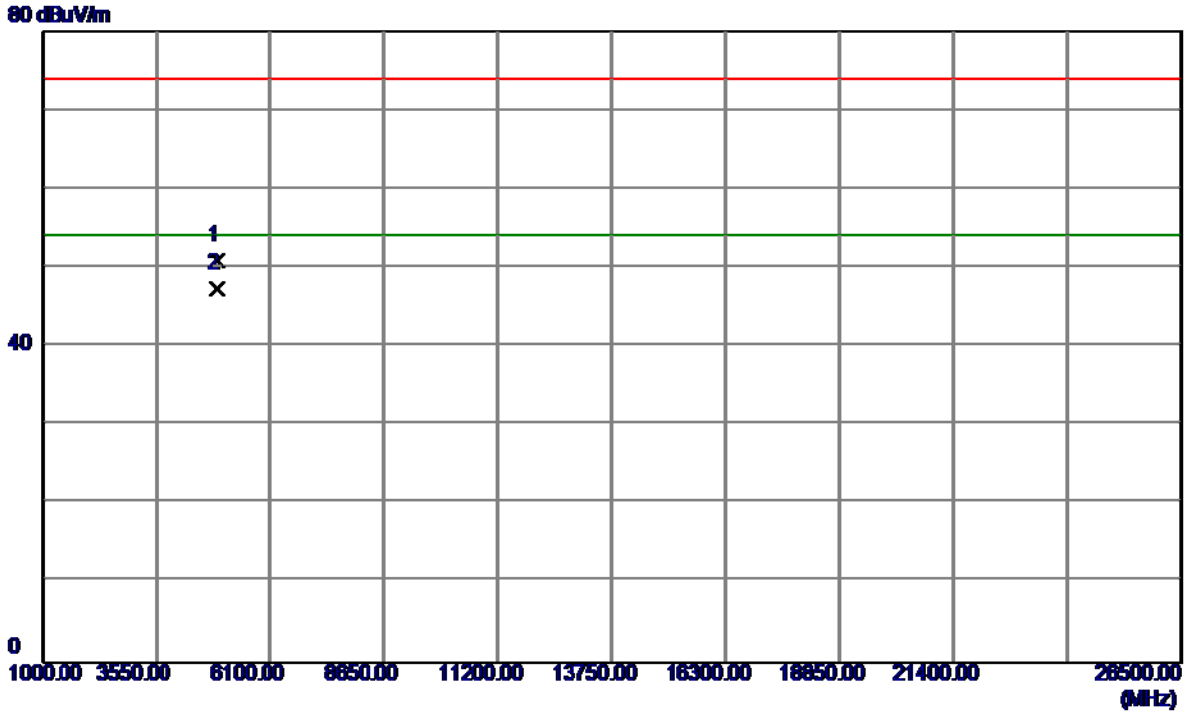
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.0000	57.89	33.07	90.96	74.00	16.96	Peak	NO LIMIT
2 *	2463.3500	55.05	33.07	88.12	54.00	34.12	AVG	NO LIMIT
3	2483.5000	23.99	33.15	57.14	74.00	-16.86	Peak	
4	2483.5000	12.82	33.15	45.97	54.00	-8.03	AVG	

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

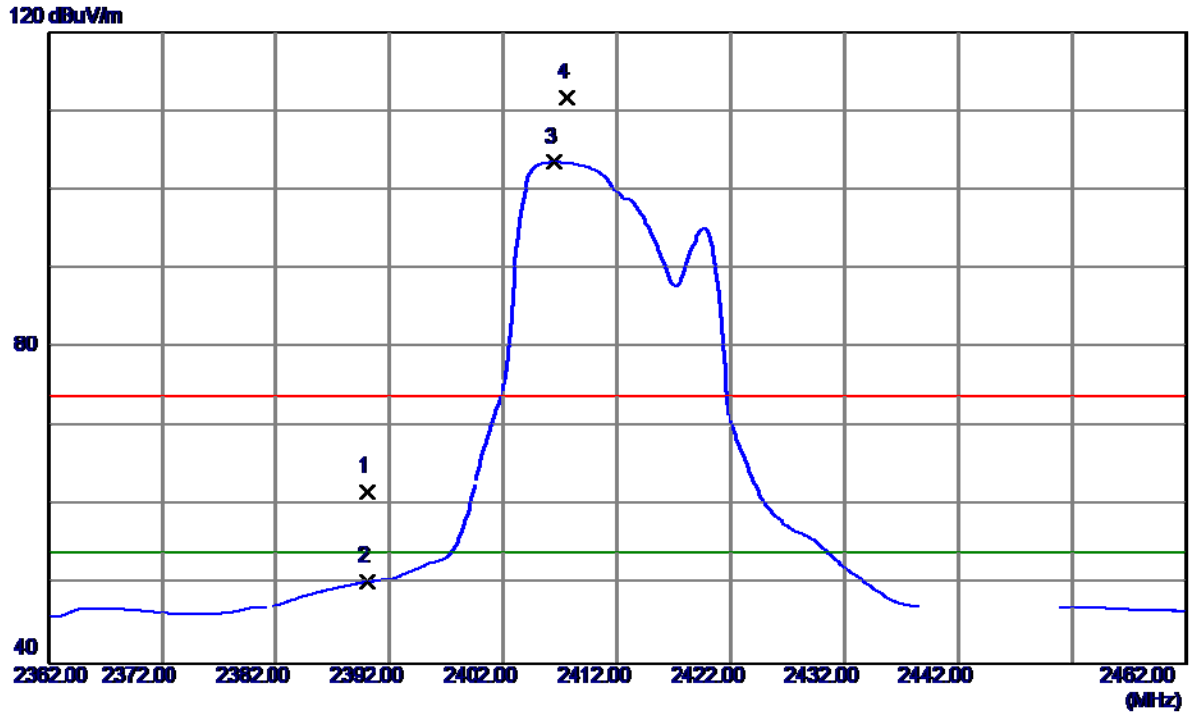
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.9200	45.85	5.08	50.93	74.00	-23.07	Peak	
2 *	4924.0099	42.35	5.08	47.43	54.00	-6.57	AVG	

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

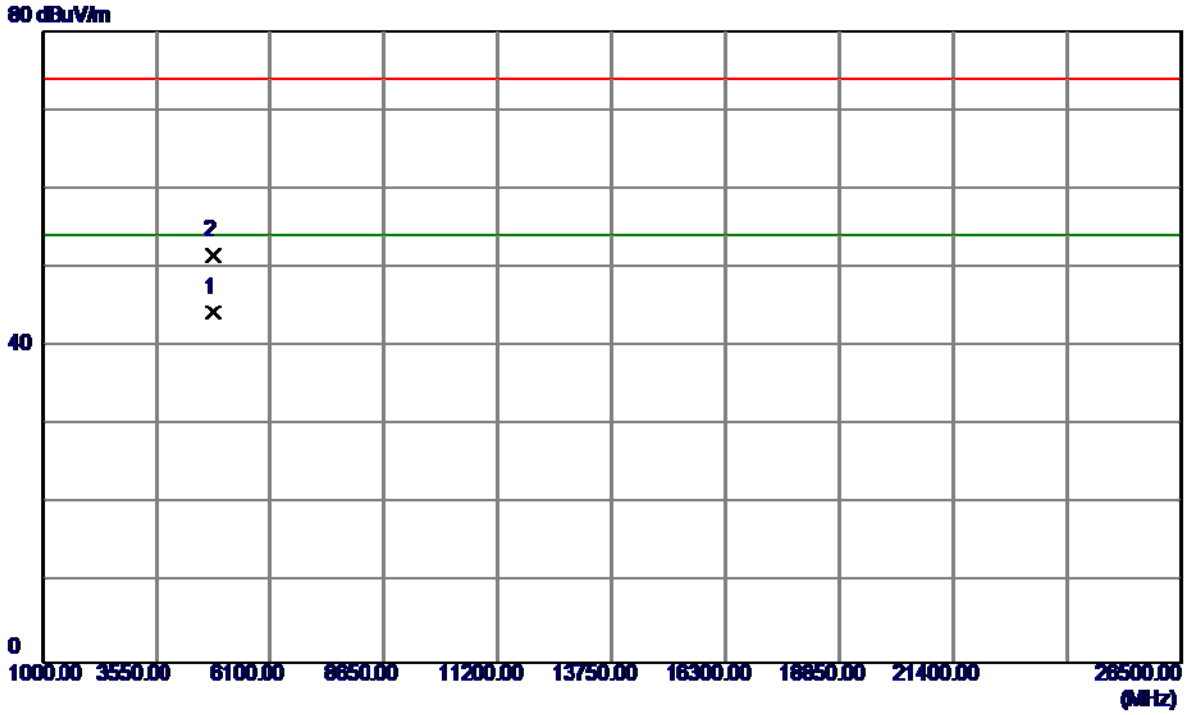
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	29.01	32.77	61.78	74.00	-12.22	Peak	
2	2390.0000	17.65	32.77	50.42	54.00	-3.58	AVG	
3 *	2406.4500	70.65	32.83	103.48	54.00	49.48	AVG	NO LIMIT
4	2407.5500	78.82	32.84	111.66	74.00	37.66	Peak	NO LIMIT

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

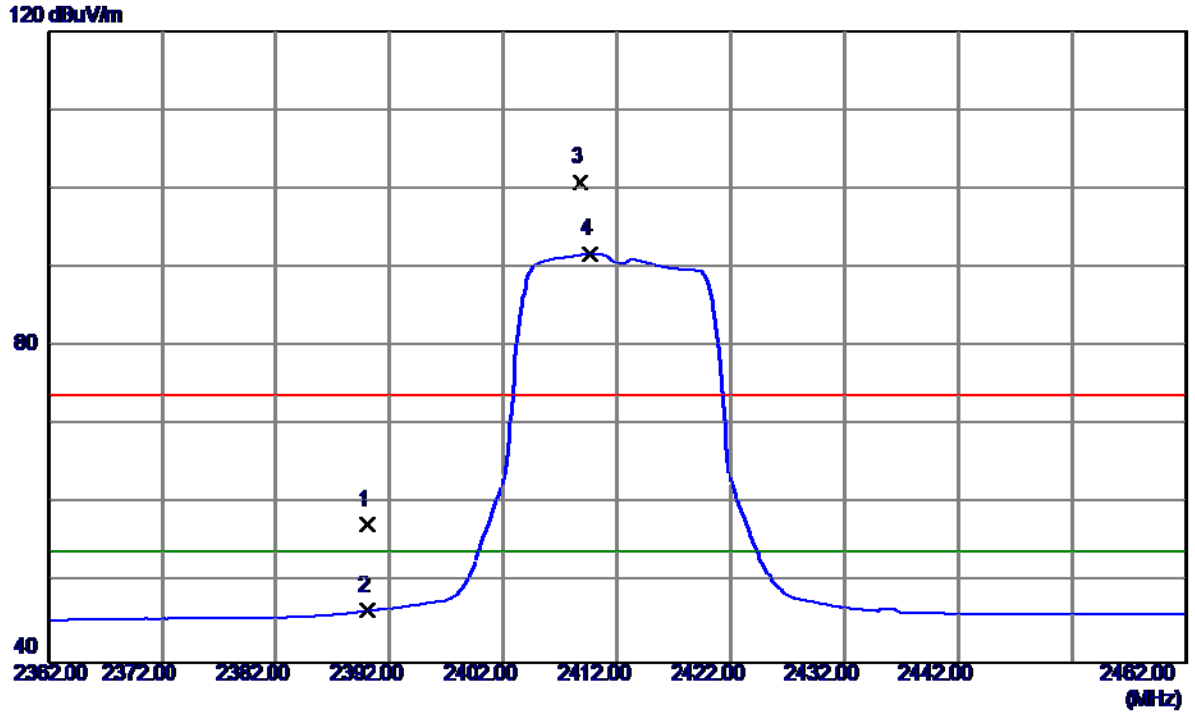
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.0099	39.64	4.69	44.33	54.00	-9.67	AVG	
2	4824.1000	46.86	4.69	51.55	74.00	-22.45	Peak	

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

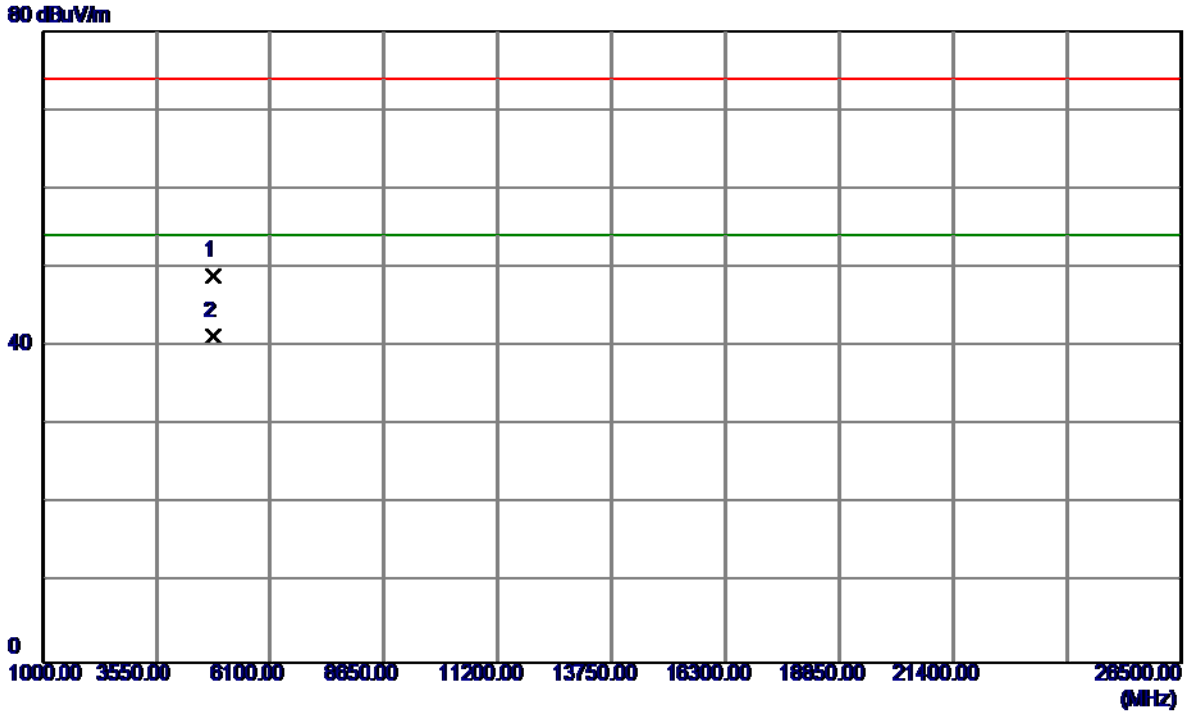
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	24.59	32.77	57.36	74.00	-16.64	Peak	
2	2390.0000	13.71	32.77	46.48	54.00	-7.52	AVG	
3	2408.7500	68.01	32.84	100.85	74.00	26.85	Peak	NO LIMIT
4 *	2409.7000	58.89	32.85	91.74	54.00	37.74	AVG	NO LIMIT

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

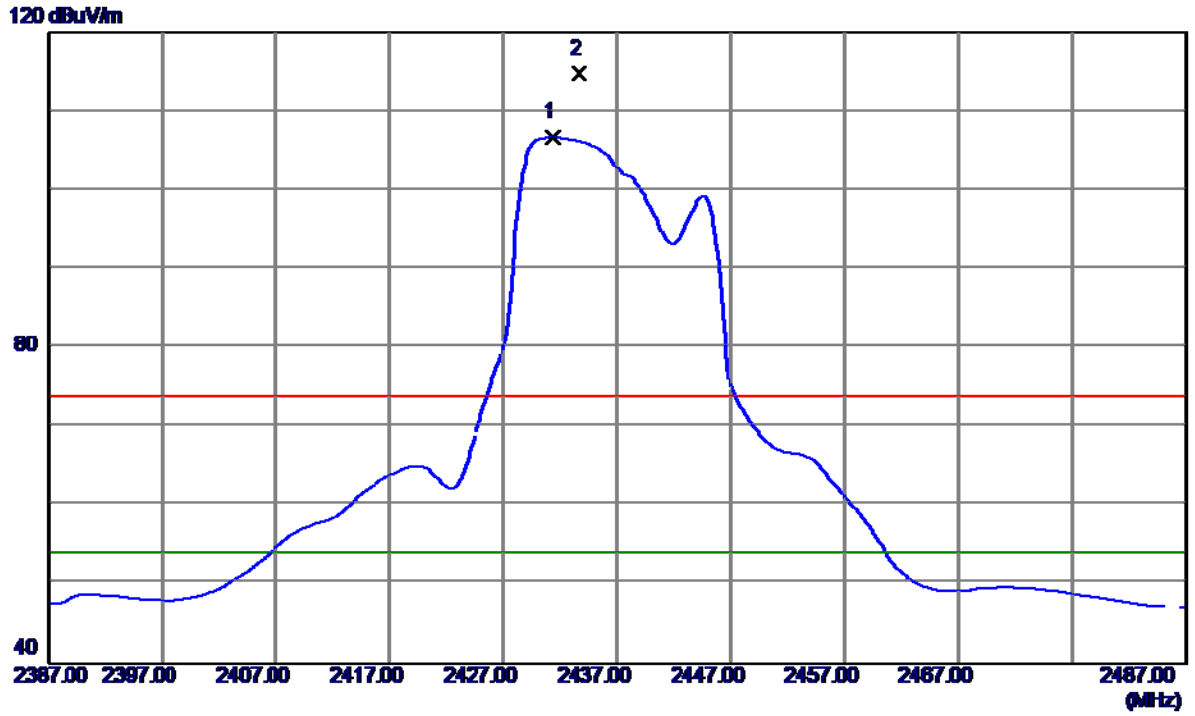
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4820.3350	44.25	4.68	48.93	74.00	-25.07	Peak	
2 *	4823.9600	36.61	4.69	41.30	54.00	-12.70	AVG	

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

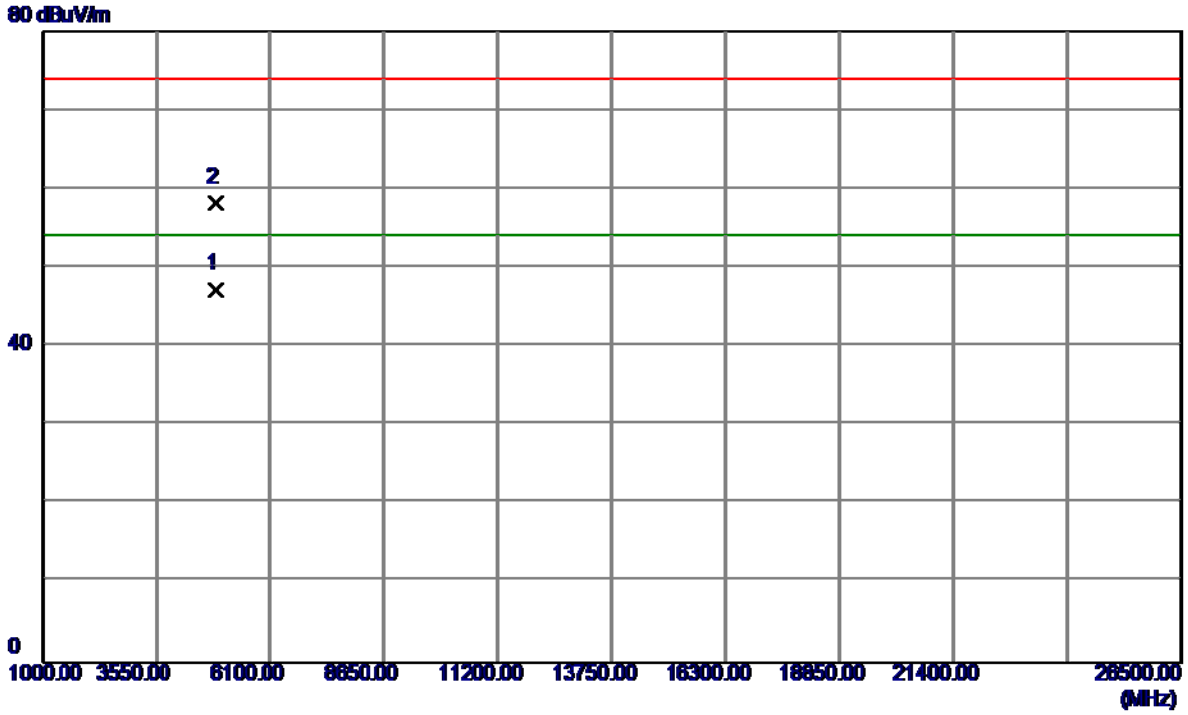
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2431.3000	73.76	32.94	106.70	54.00	52.70	AVG	NO LIMIT
2	2433.6500	81.76	32.95	114.71	74.00	40.71	Peak	NO LIMIT

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

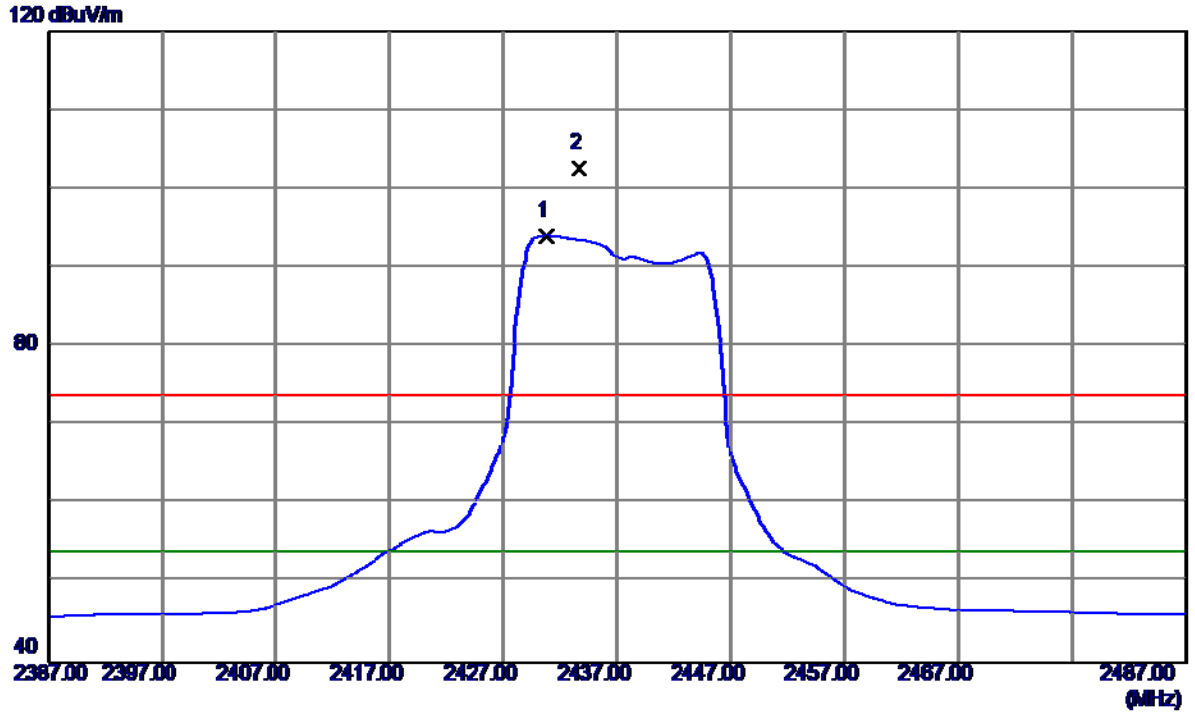
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0419	42.39	4.89	47.28	54.00	-6.72	AVG	
2	4875.0150	53.30	4.89	58.19	74.00	-15.81	Peak	

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

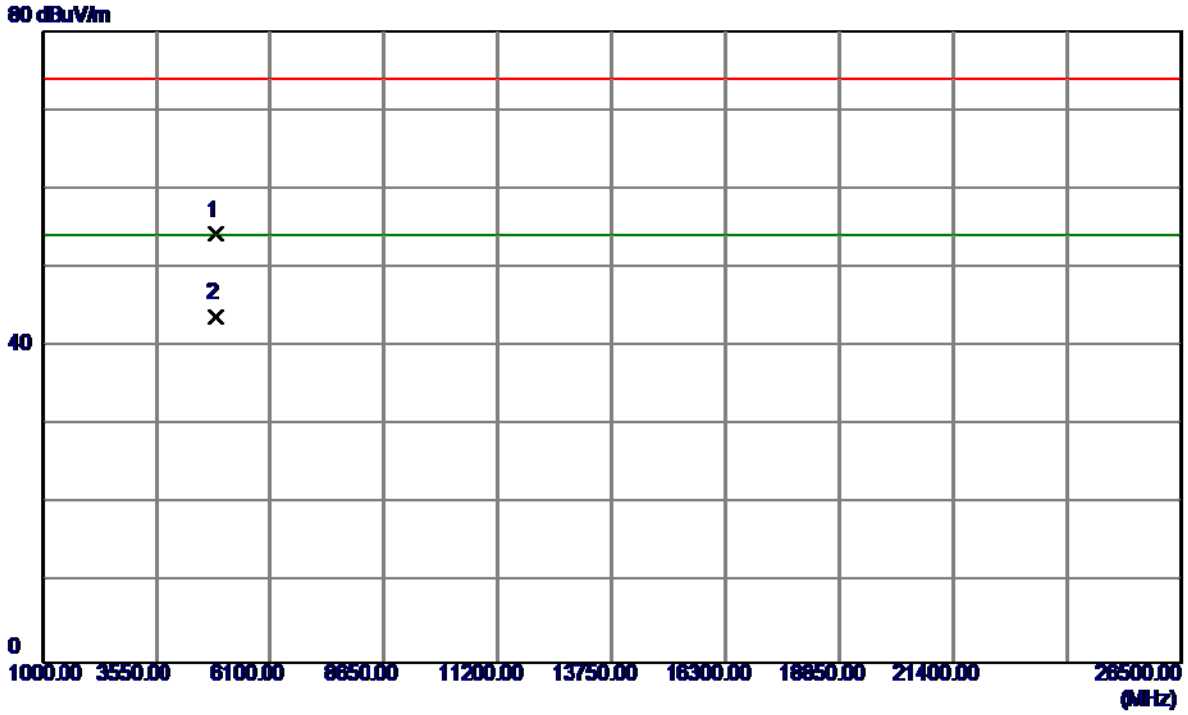
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2430.8000	61.07	32.93	94.00	54.00	40.00	AVG	NO LIMIT
2	2433.6500	69.67	32.95	102.62	74.00	28.62	Peak	NO LIMIT

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

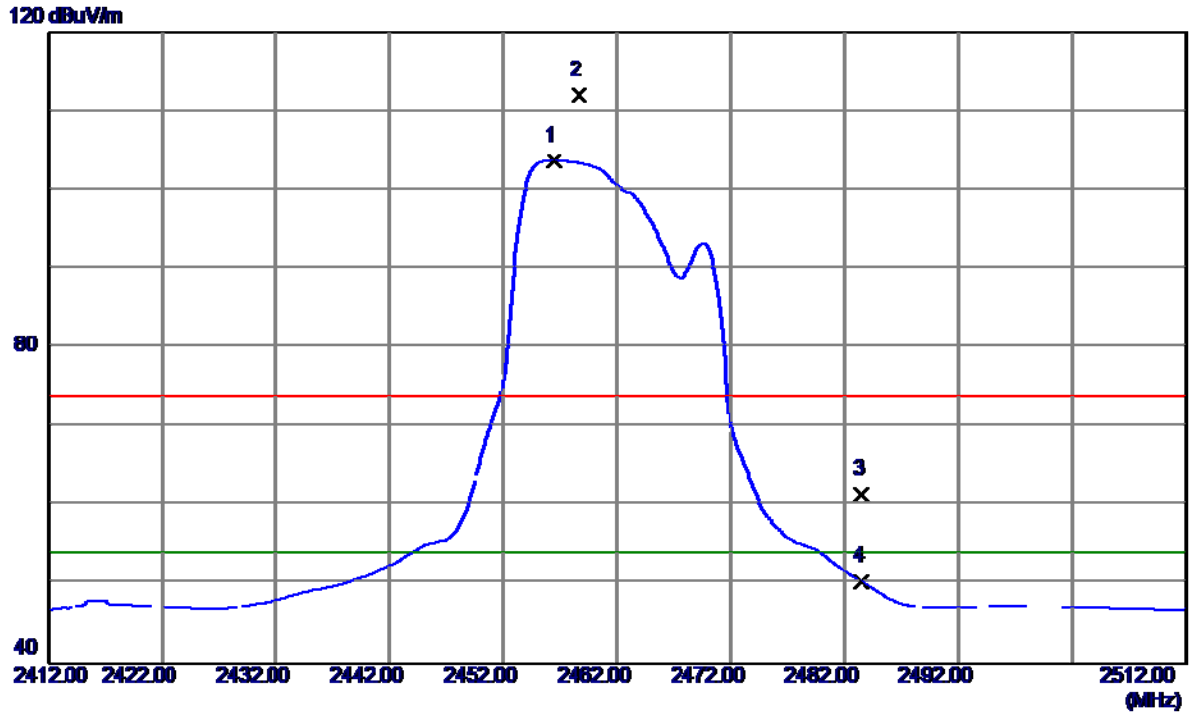
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4871.7400	49.28	4.88	54.16	74.00	-19.84	Peak	
2 *	4874.0099	38.74	4.89	43.63	54.00	-10.37	AVG	

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

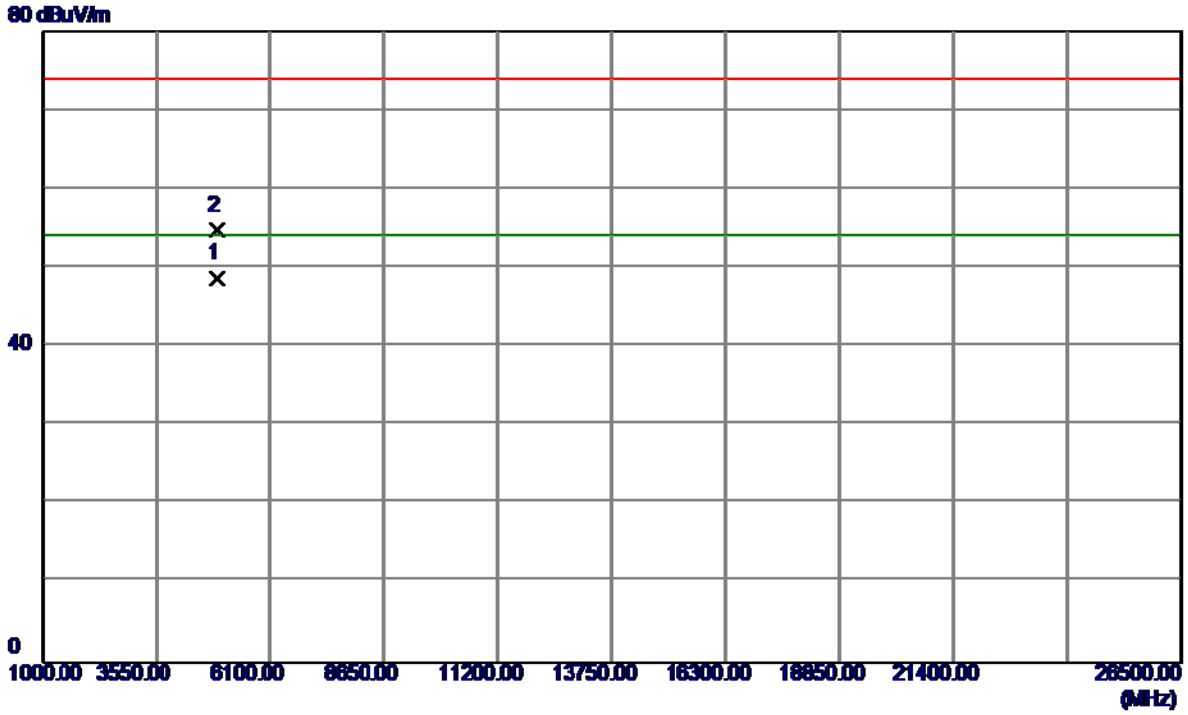
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2456.4500	70.71	33.04	103.75	54.00	49.75	AVG	NO LIMIT
2	2458.7000	78.96	33.05	112.01	74.00	38.01	Peak	NO LIMIT
3	2483.5000	28.30	33.15	61.45	74.00	-12.55	Peak	
4	2483.5000	17.22	33.15	50.37	54.00	-3.63	AVG	

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

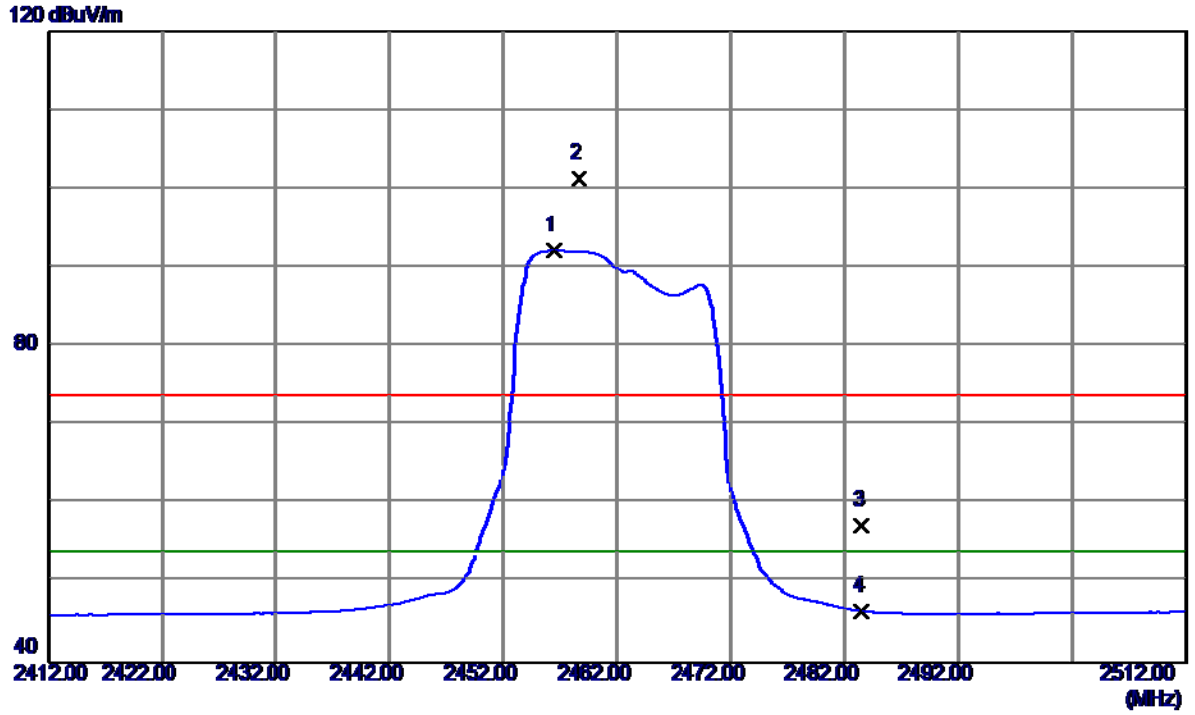
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9950	43.57	5.08	48.65	54.00	-5.35	AVG	
2	4924.0400	49.66	5.08	54.74	74.00	-19.26	Peak	

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

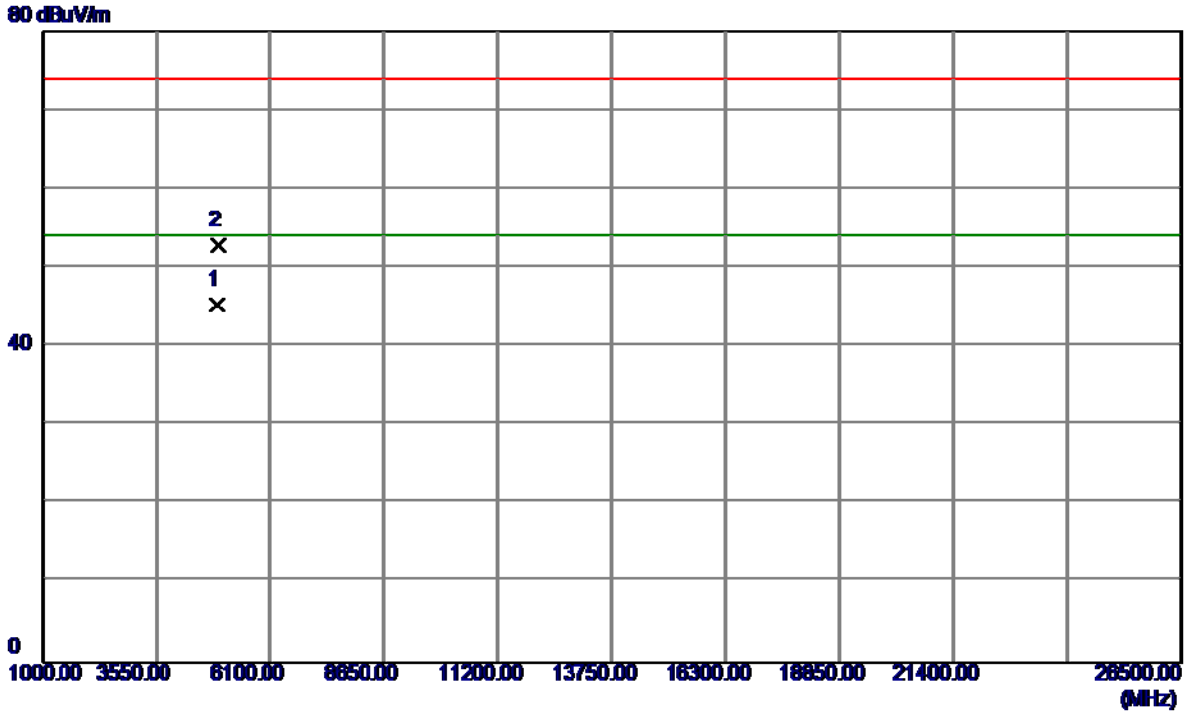
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2456.4000	59.10	33.04	92.14	54.00	38.14	AVG	NO LIMIT
2	2458.7000	68.16	33.05	101.21	74.00	27.21	Peak	NO LIMIT
3	2483.5000	24.10	33.15	57.25	74.00	-16.75	Peak	
4	2483.5000	13.30	33.15	46.45	54.00	-7.55	AVG	

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

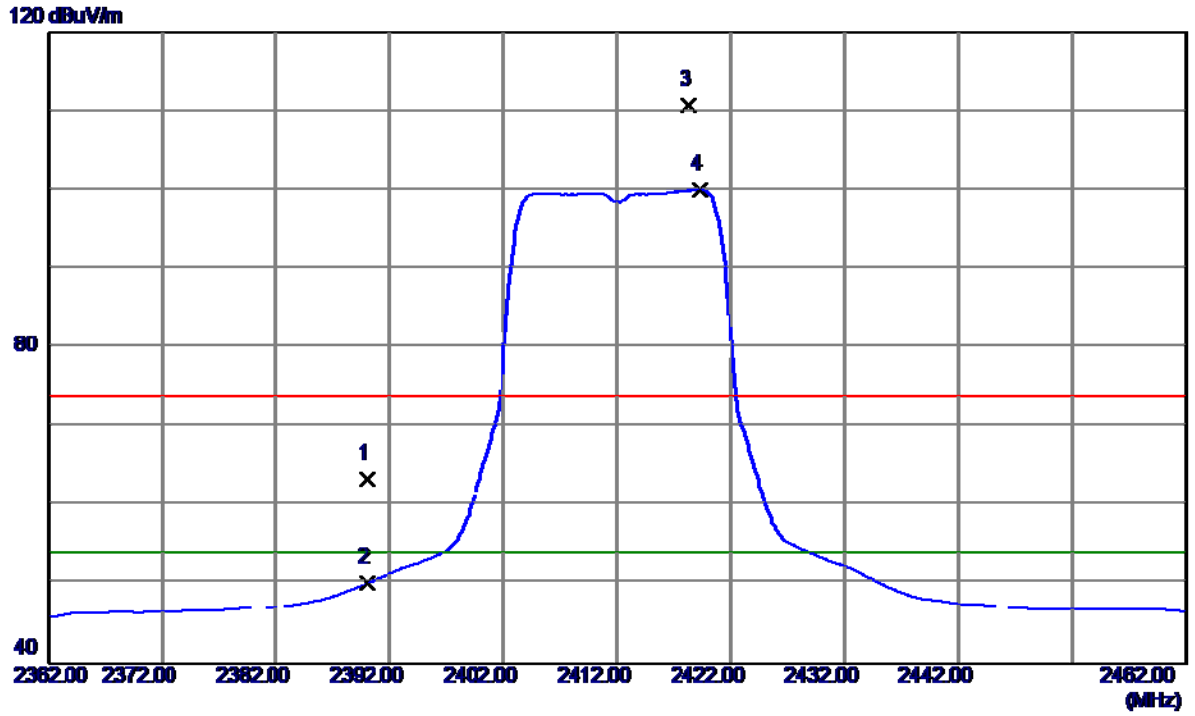
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.8750	40.16	5.08	45.24	54.00	-8.76	AVG	
2	4924.2350	47.70	5.08	52.78	74.00	-21.22	Peak	

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

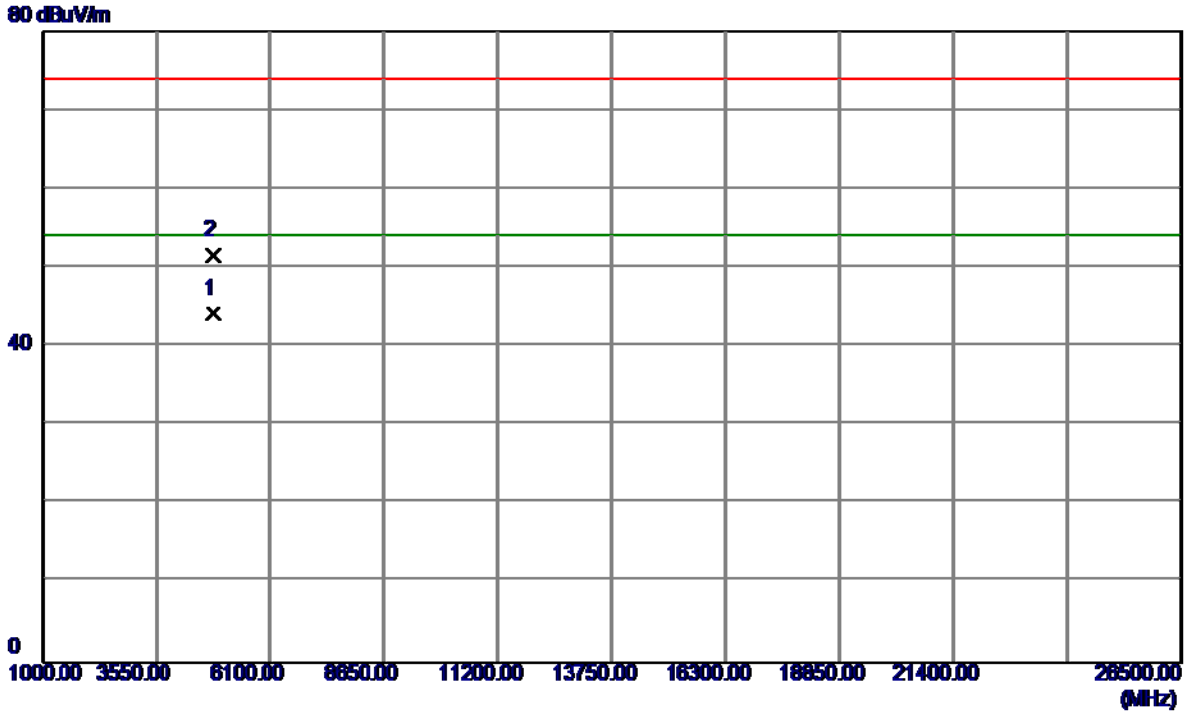
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	30.60	32.77	63.37	74.00	-10.63	Peak	
2	2390.0000	17.44	32.77	50.21	54.00	-3.79	AVG	
3	2418.3000	77.79	32.88	110.67	74.00	36.67	Peak	NO LIMIT
4 *	2419.3000	67.16	32.89	100.05	54.00	46.05	AVG	NO LIMIT

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

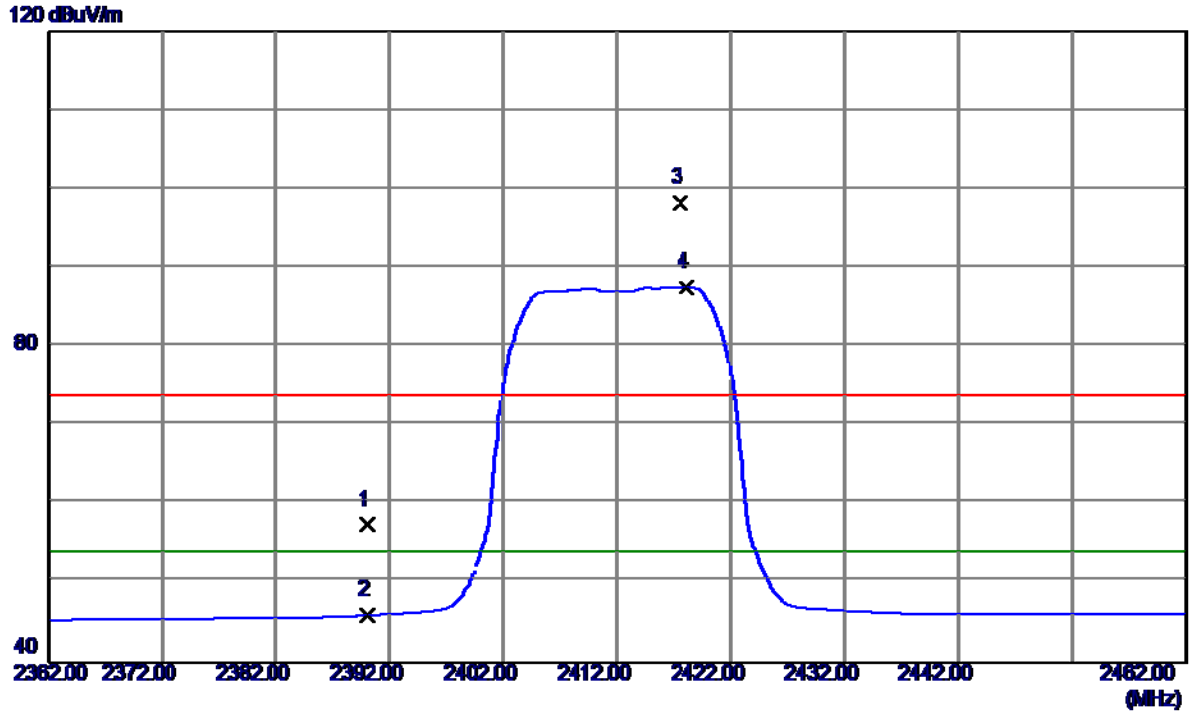
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.9950	39.40	4.69	44.09	54.00	-9.91	AVG	
2	4824.0350	46.87	4.69	51.56	74.00	-22.44	Peak	

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

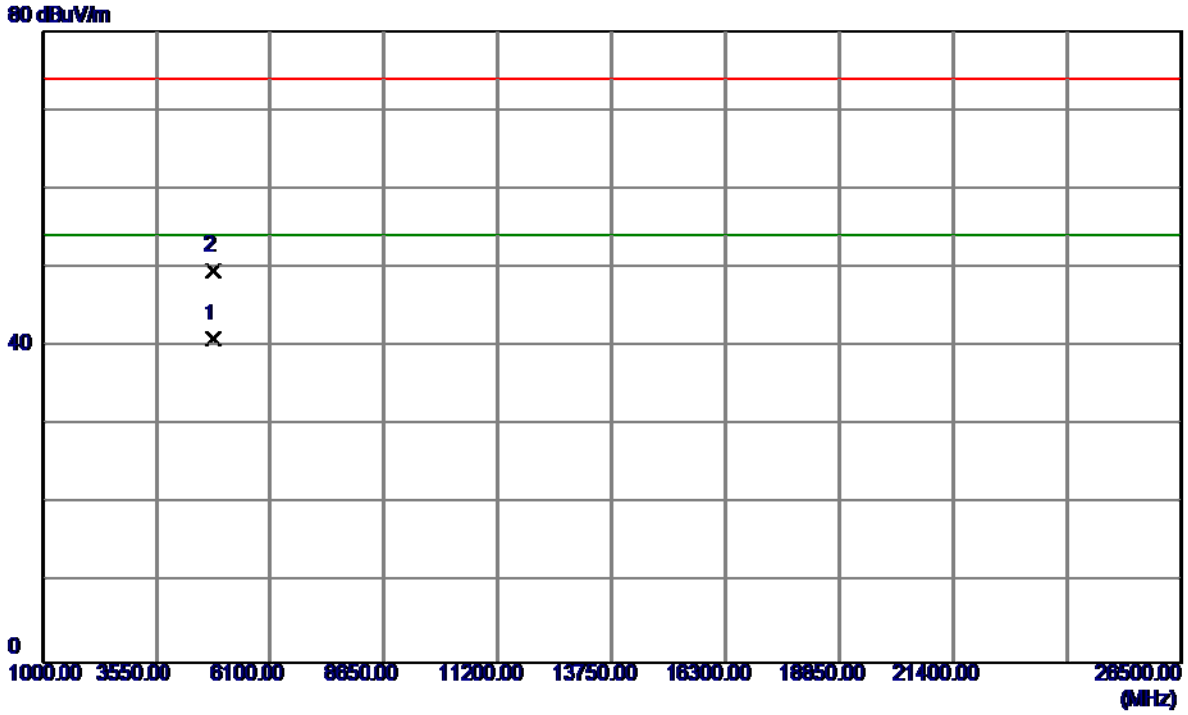
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	24.59	32.77	57.36	74.00	-16.64	Peak	
2	2390.0000	13.15	32.77	45.92	54.00	-8.08	AVG	
3	2417.5500	65.42	32.88	98.30	74.00	24.30	Peak	NO LIMIT
4 *	2418.1000	54.64	32.88	87.52	54.00	33.52	AVG	NO LIMIT

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

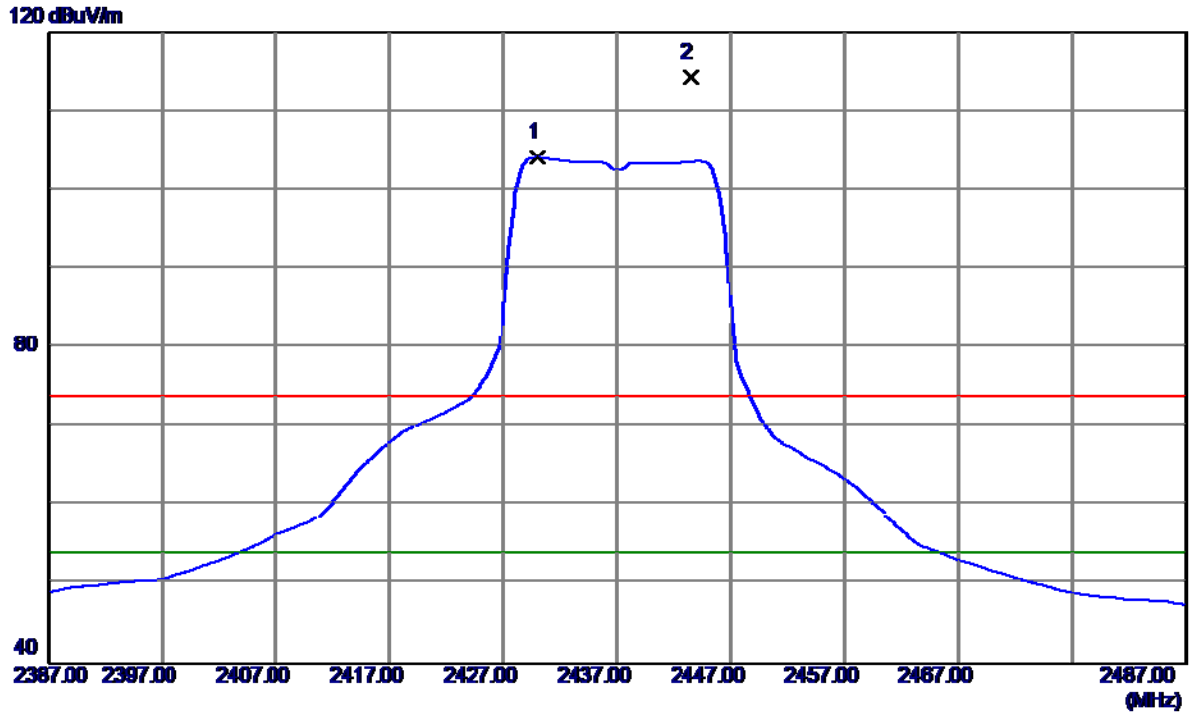
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.9980	36.29	4.69	40.98	54.00	-13.02	AVG	
2	4824.0280	44.90	4.69	49.59	74.00	-24.41	Peak	

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

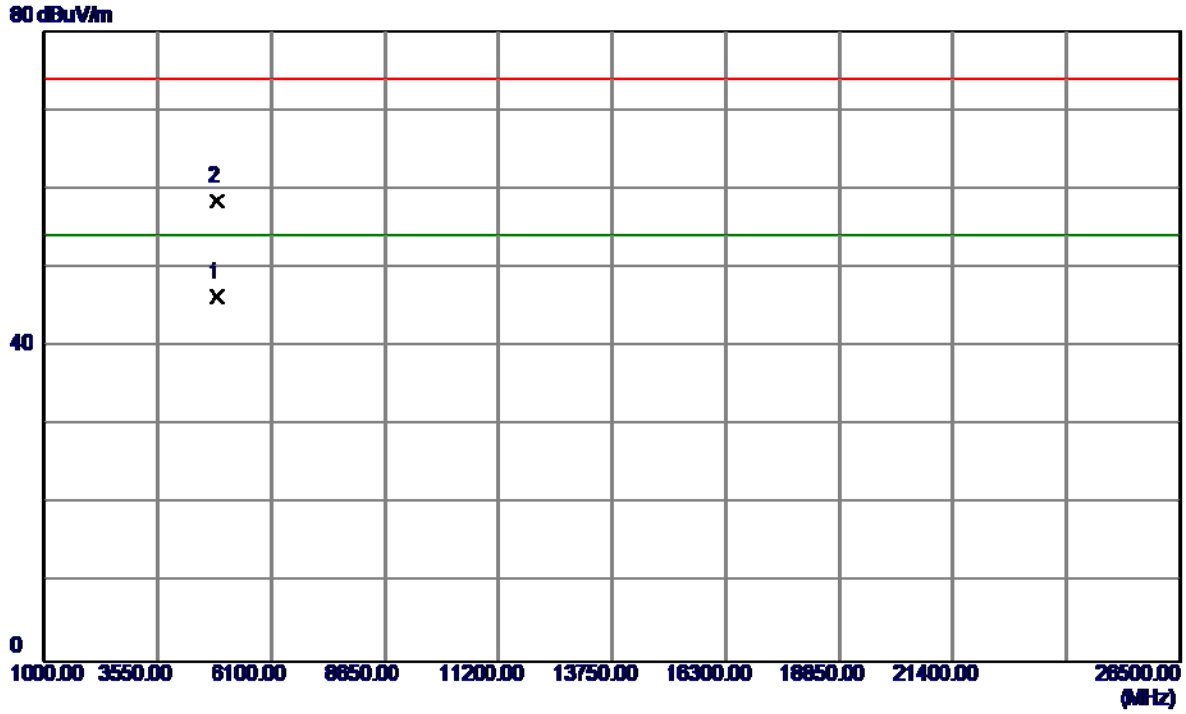
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2430.0000	71.17	32.93	104.10	54.00	50.10	AVG	NO LIMIT
2	2443.5000	81.28	32.99	114.27	74.00	40.27	Peak	NO LIMIT

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

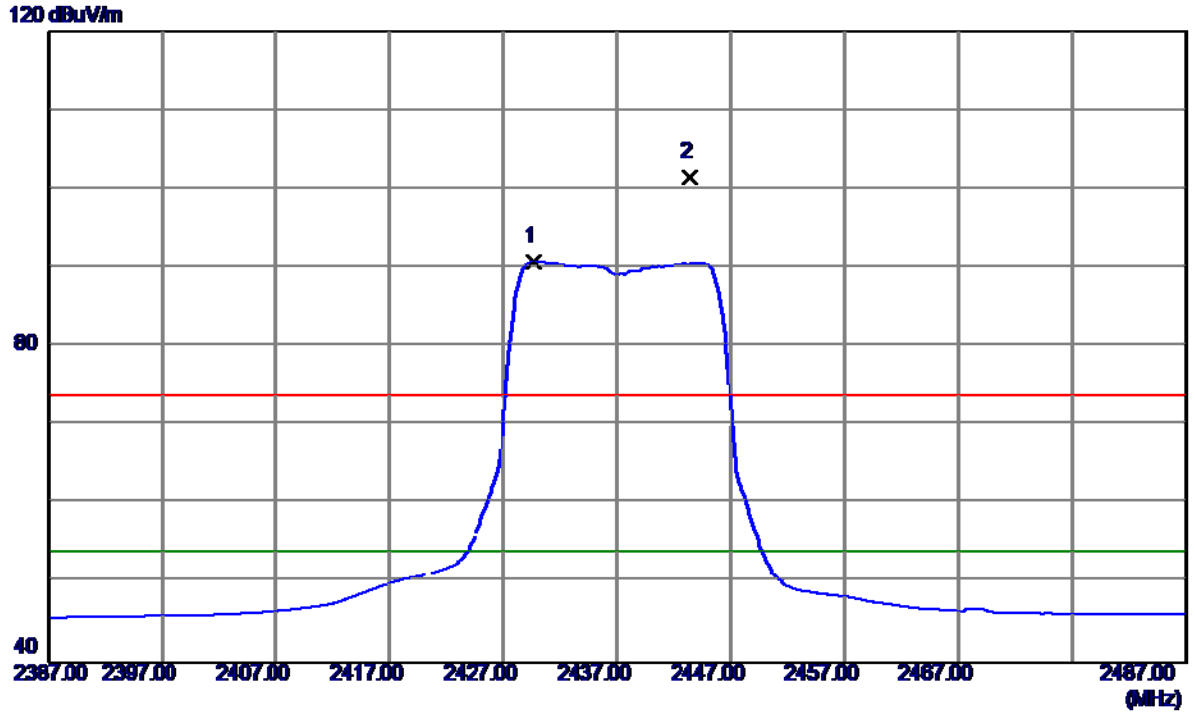
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0600	41.36	4.89	46.25	54.00	-7.75	AVG	
2	4874.0900	53.46	4.89	58.35	74.00	-15.65	Peak	

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

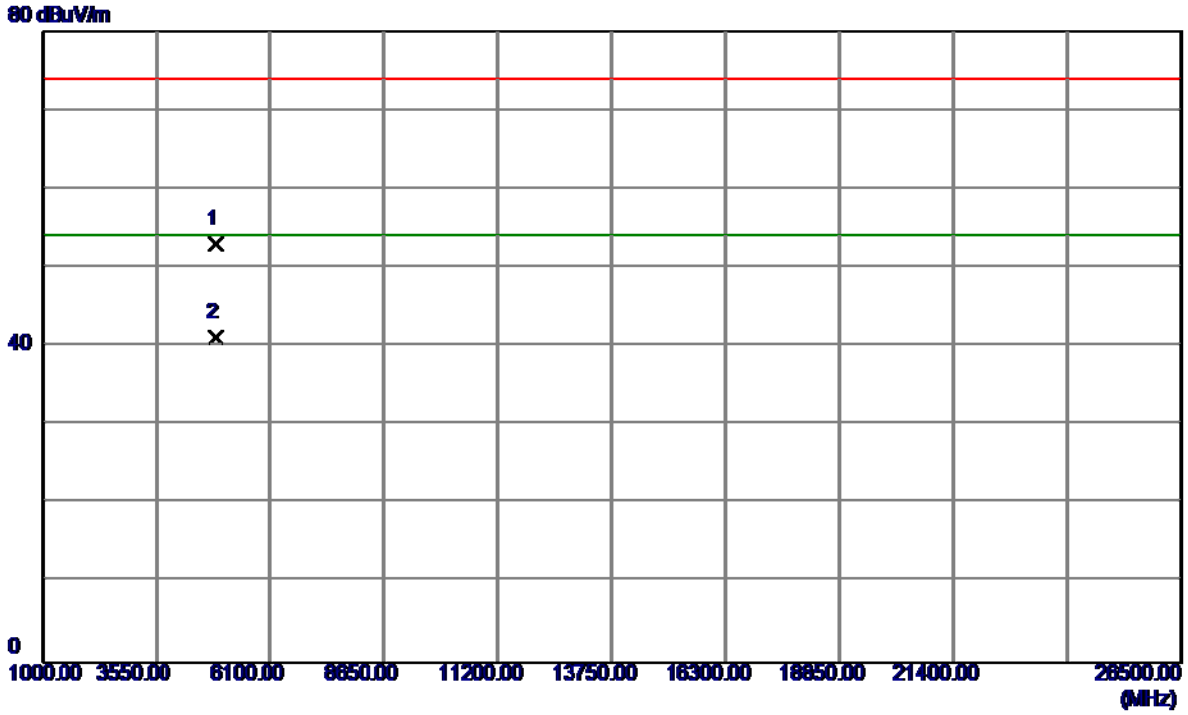
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2429.7000	57.83	32.93	90.76	54.00	36.76	AVG	NO LIMIT
2	2443.4500	68.47	32.99	101.46	74.00	27.46	Peak	NO LIMIT

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

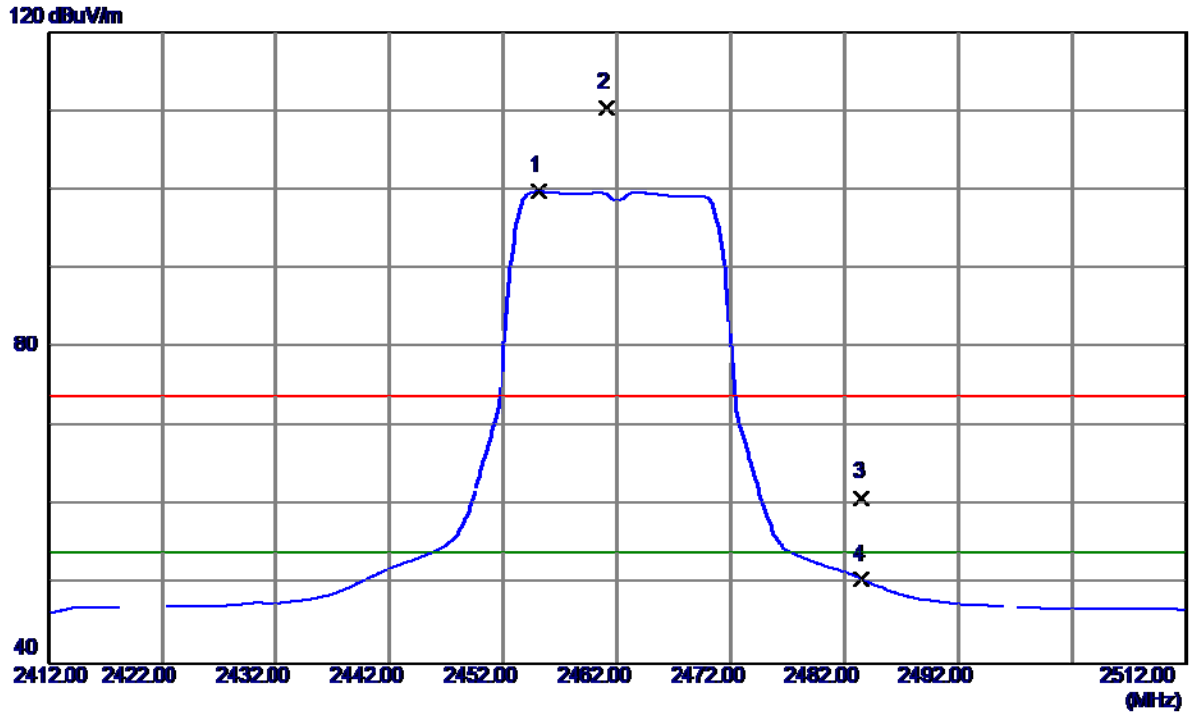
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4872.1000	48.06	4.88	52.94	74.00	-21.06	Peak	
2 *	4873.7500	36.24	4.89	41.13	54.00	-12.87	AVG	

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

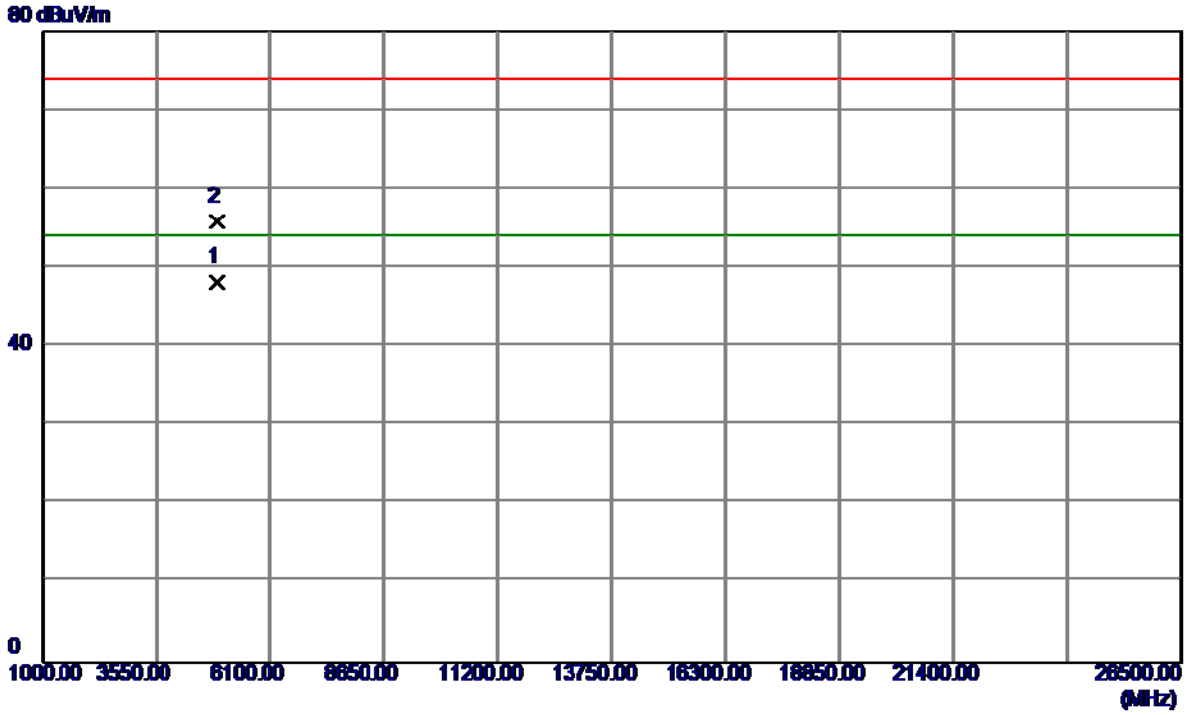
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2455.1000	66.75	33.04	99.79	54.00	45.79	AVG	NO LIMIT
2	2461.1000	77.32	33.06	110.38	74.00	36.38	Peak	NO LIMIT
3	2483.5000	27.89	33.15	61.04	74.00	-12.96	Peak	
4	2483.5000	17.49	33.15	50.64	54.00	-3.36	AVG	

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

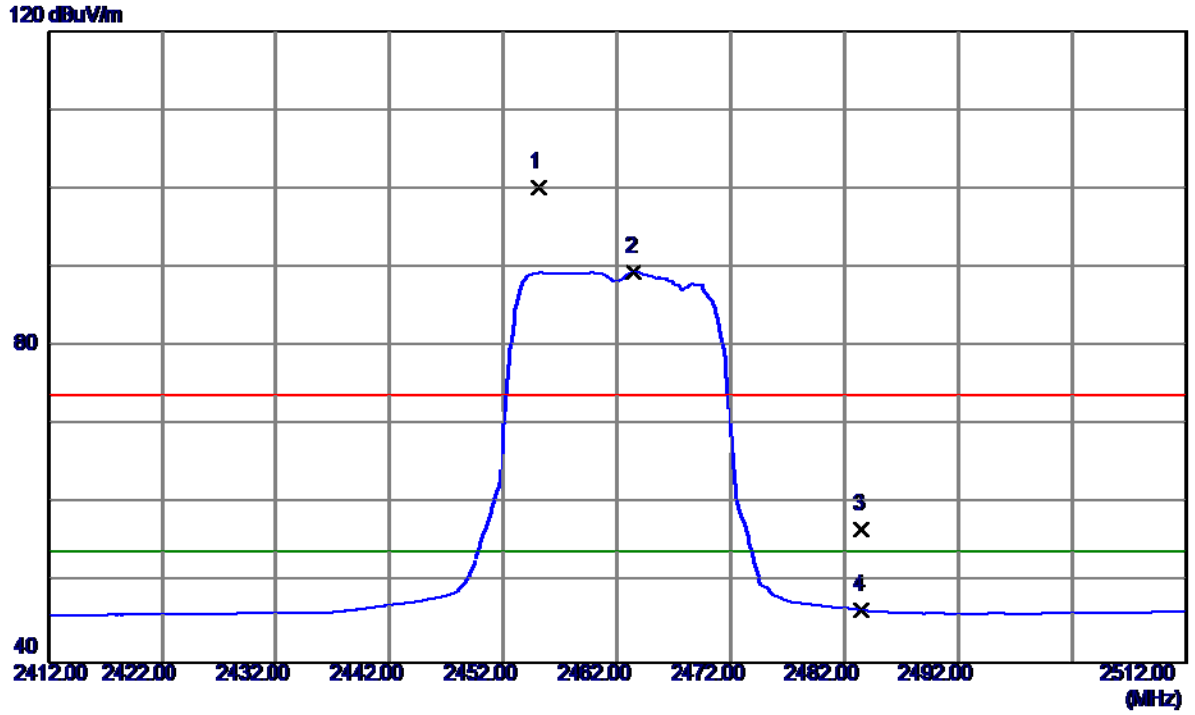
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9980	43.08	5.08	48.16	54.00	-5.84	AVG	
2	4924.1400	50.81	5.08	55.89	74.00	-18.11	Peak	

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

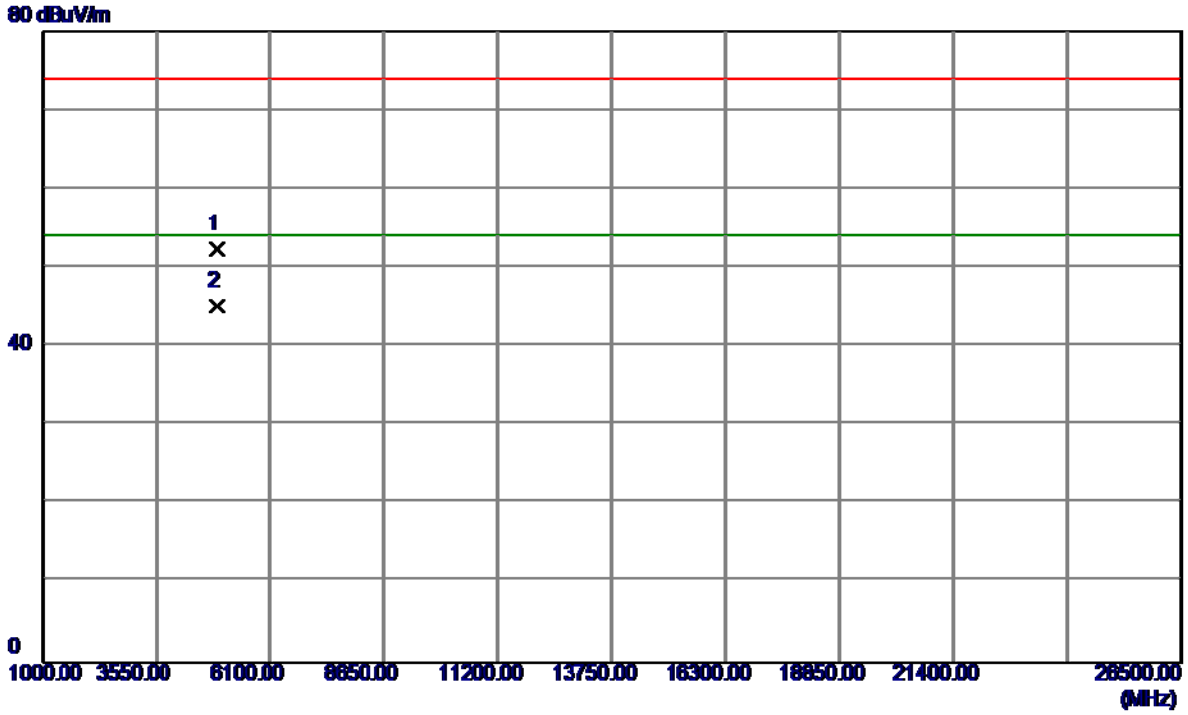
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.1000	67.09	33.04	100.13	74.00	26.13	Peak	NO LIMIT
2 *	2463.5000	56.35	33.07	89.42	54.00	35.42	AVG	NO LIMIT
3	2483.5000	23.66	33.15	56.81	74.00	-17.19	Peak	
4	2483.5000	13.38	33.15	46.53	54.00	-7.47	AVG	

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

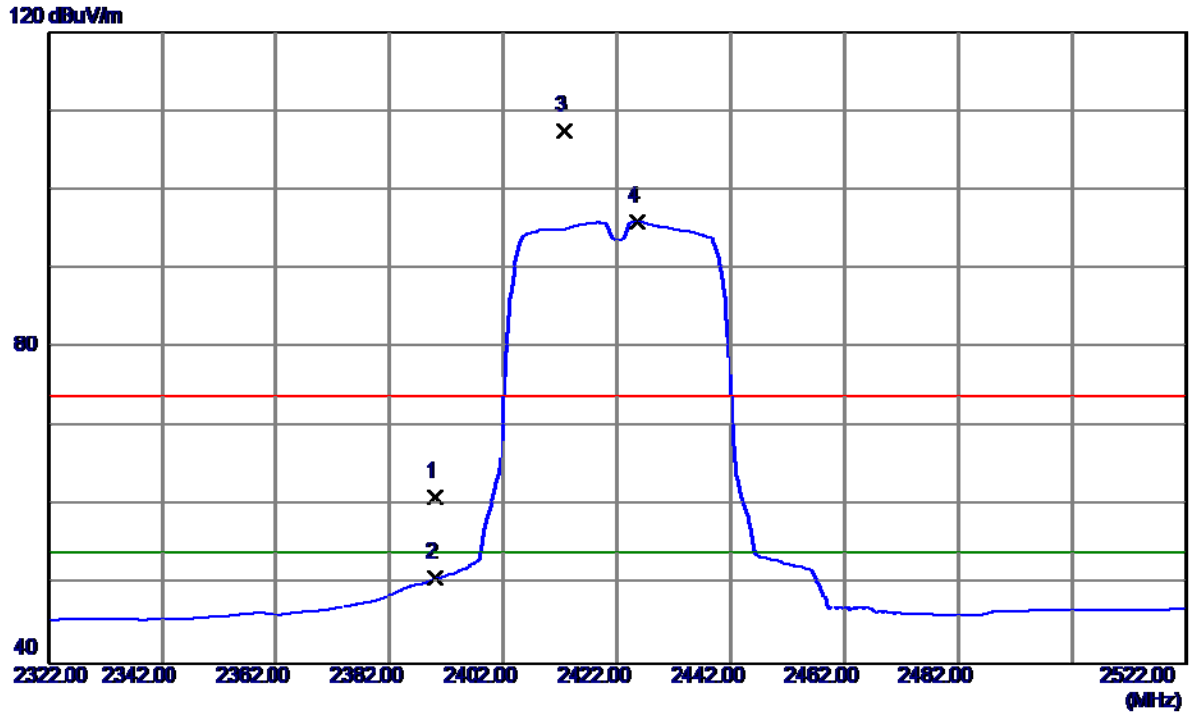
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.8820	47.27	5.08	52.35	74.00	-21.65	Peak	
2 *	4924.0299	40.09	5.08	45.17	54.00	-8.83	AVG	

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

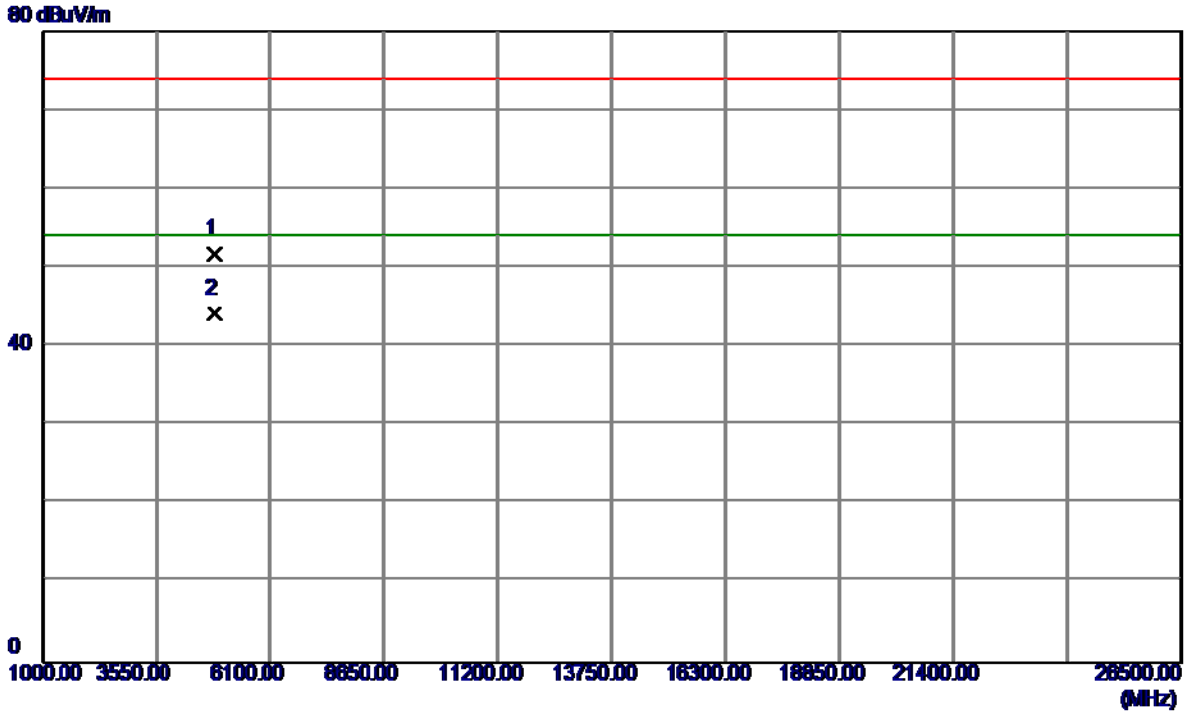
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	28.29	32.77	61.06	74.00	-12.94	Peak	
2	2390.0000	18.07	32.77	50.84	54.00	-3.16	AVG	
3	2412.7000	74.61	32.86	107.47	74.00	33.47	Peak	NO LIMIT
4 *	2425.6000	63.13	32.91	96.04	54.00	42.04	AVG	NO LIMIT

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

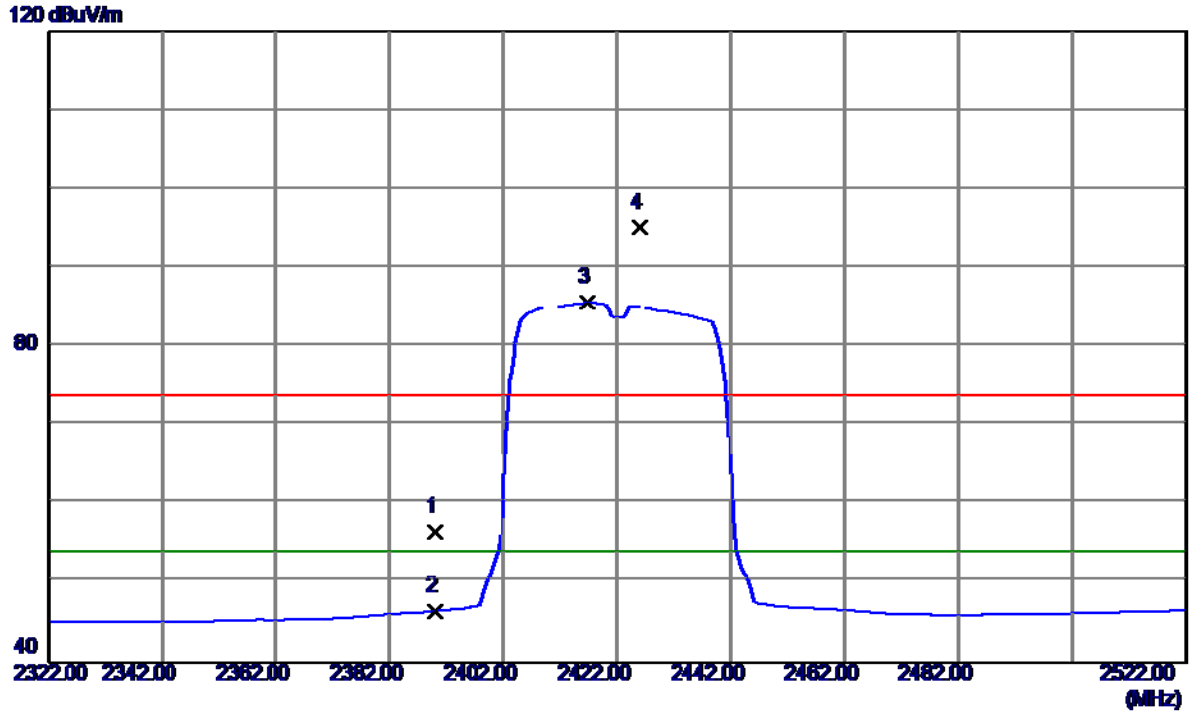
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.8630	46.98	4.77	51.75	74.00	-22.25	Peak	
2 *	4844.0050	39.40	4.77	44.17	54.00	-9.83	AVG	

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

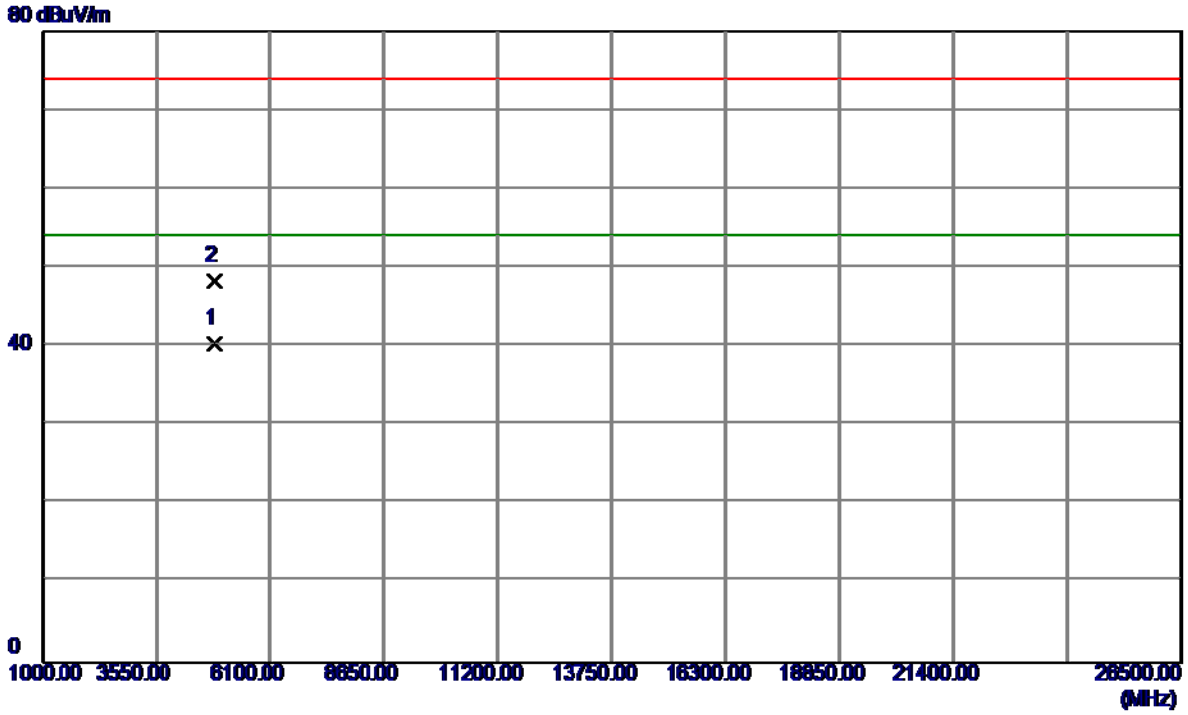
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	23.64	32.77	56.41	74.00	-17.59	Peak	
2	2390.0000	13.70	32.77	46.47	54.00	-7.53	AVG	
3 *	2416.8000	52.68	32.88	85.56	54.00	31.56	AVG	NO LIMIT
4	2426.1000	62.12	32.92	95.04	74.00	21.04	Peak	NO LIMIT

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

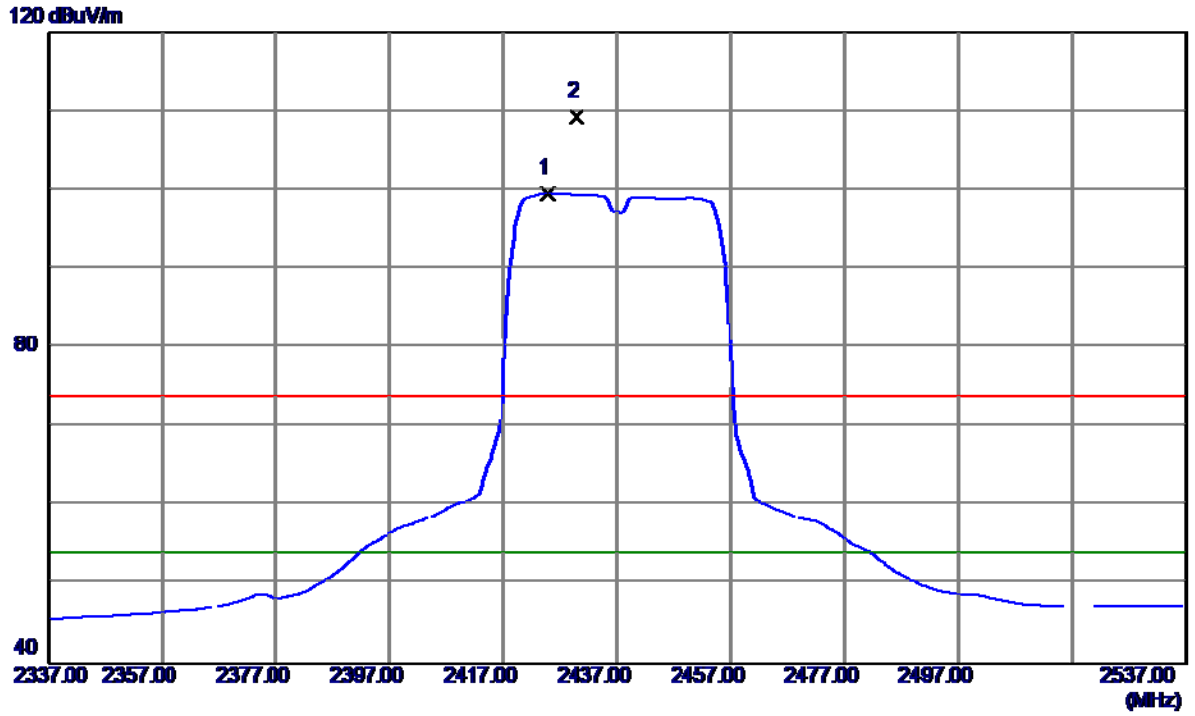
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.0250	35.55	4.77	40.32	54.00	-13.68	AVG	
2	4844.3130	43.62	4.77	48.39	74.00	-25.61	Peak	

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

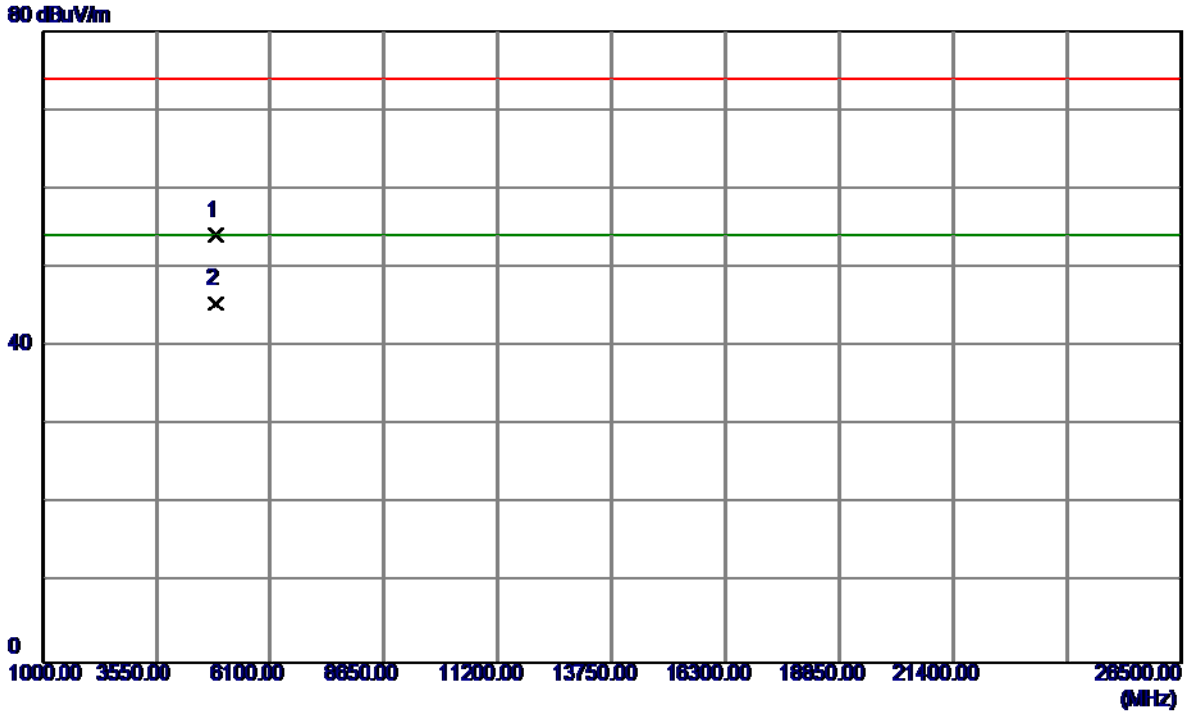
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2424.8000	66.67	32.91	99.58	54.00	45.58	AVG	NO LIMIT
2	2429.9000	76.38	32.93	109.31	74.00	35.31	Peak	NO LIMIT

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

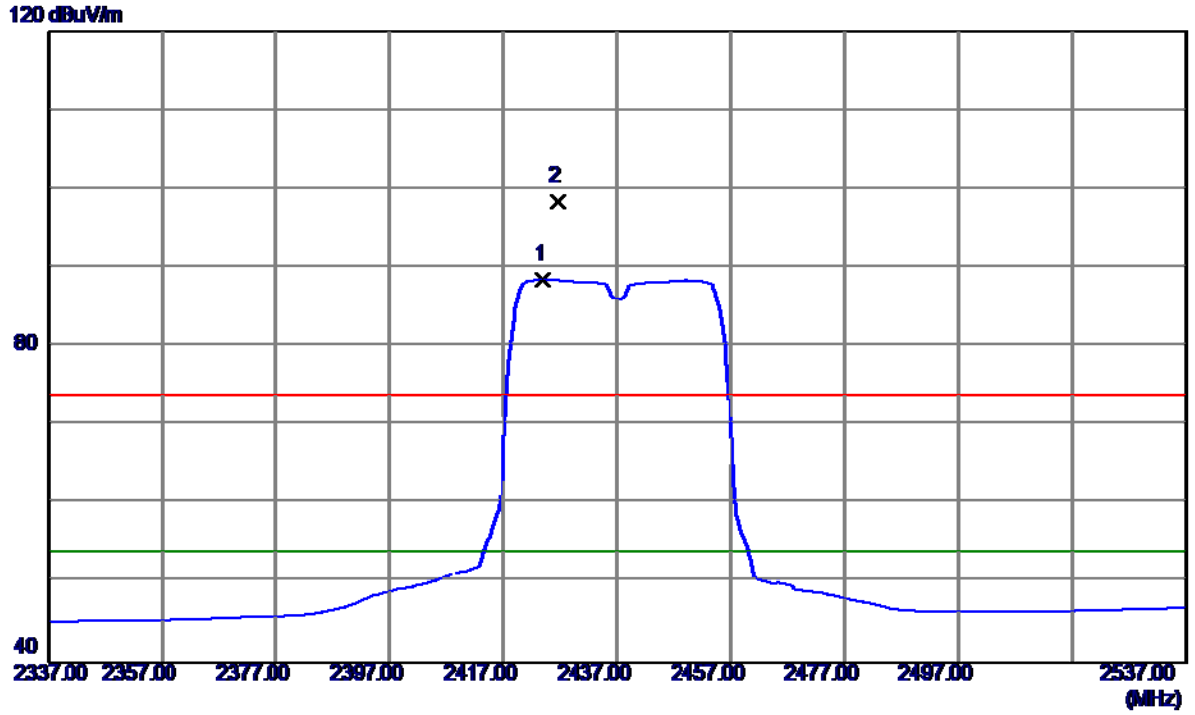
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.7400	49.12	4.89	54.01	74.00	-19.99	Peak	
2 *	4874.0170	40.52	4.89	45.41	54.00	-8.59	AVG	

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

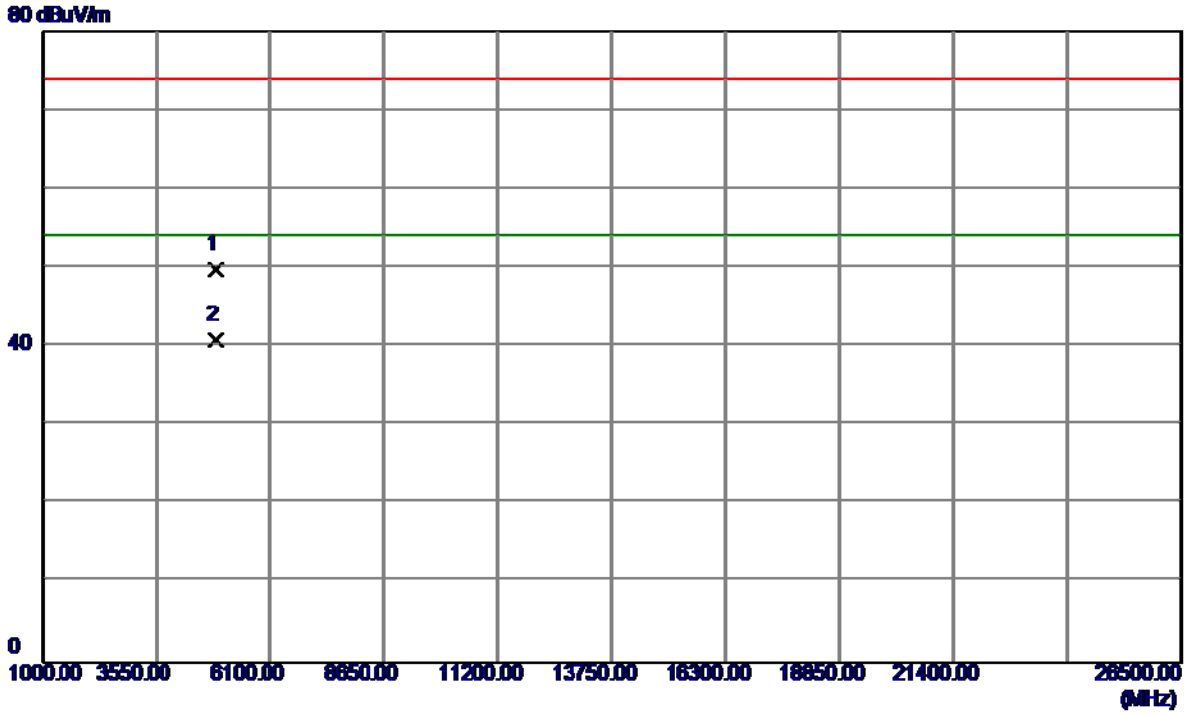
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2424.0000	55.64	32.91	88.55	54.00	34.55	AVG	NO LIMIT
2	2426.6000	65.44	32.92	98.36	74.00	24.36	Peak	NO LIMIT

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

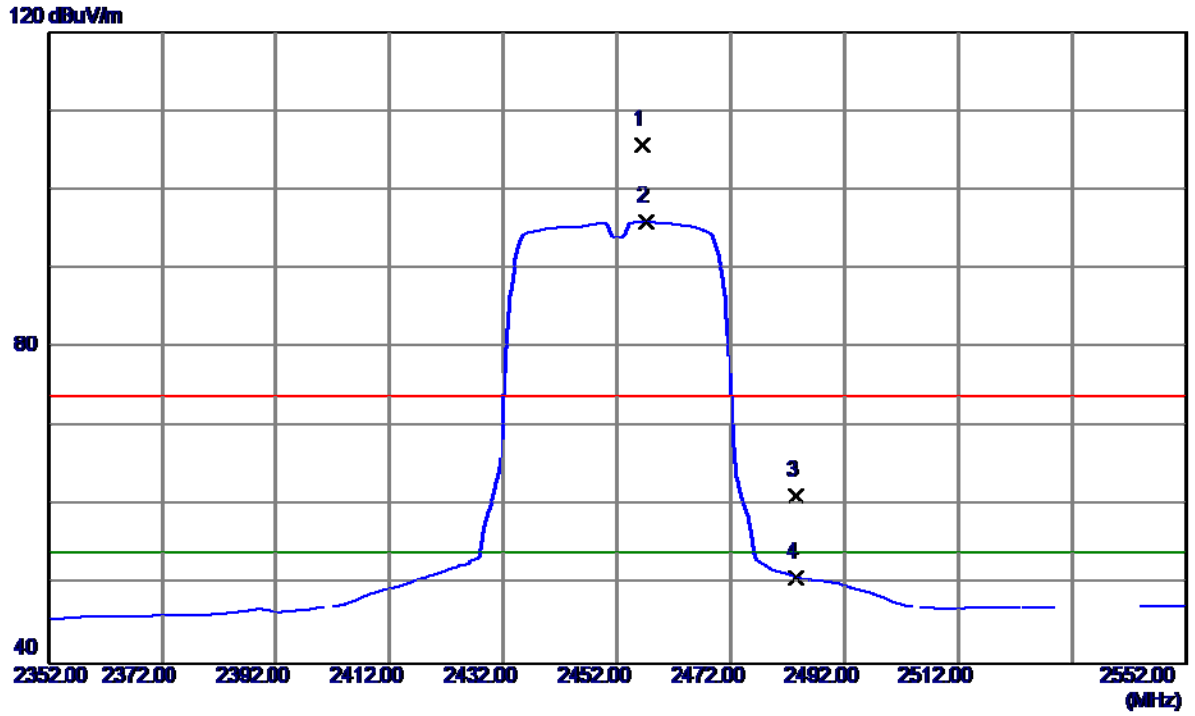
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.8500	44.85	4.89	49.74	74.00	-24.26	Peak	
2 *	4873.9200	35.95	4.89	40.84	54.00	-13.16	AVG	

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

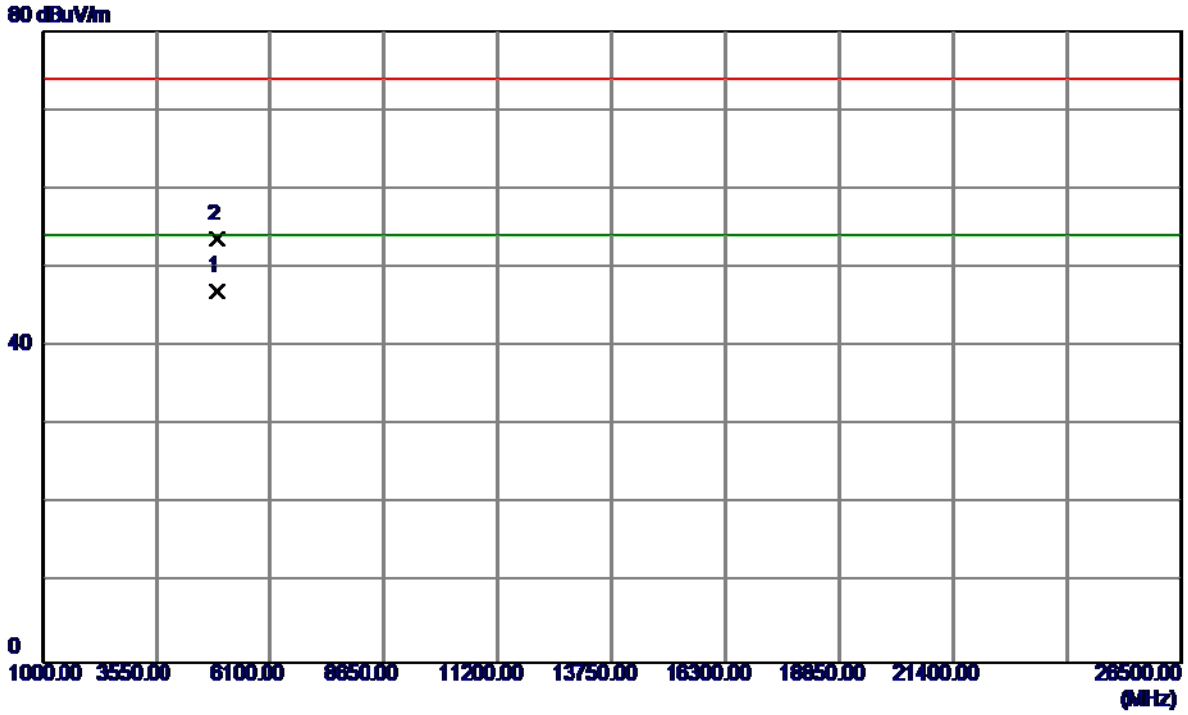
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2456.5000	72.74	33.04	105.78	74.00	31.78	Peak	NO LIMIT
2 *	2457.2000	62.91	33.04	95.95	54.00	41.95	AVG	NO LIMIT
3	2483.5000	28.18	33.15	61.33	74.00	-12.67	Peak	
4	2483.5000	17.79	33.15	50.94	54.00	-3.06	AVG	

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

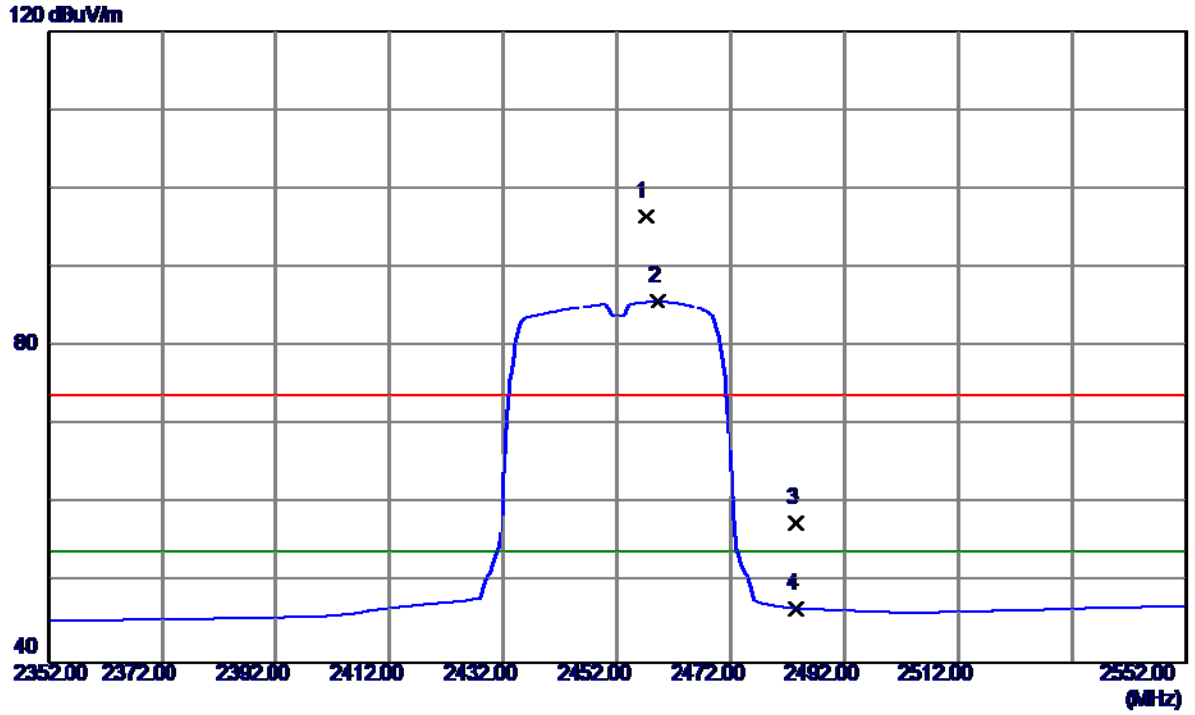
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4904.0070	42.03	5.01	47.04	54.00	-6.96	AVG	
2	4904.0280	48.60	5.01	53.61	74.00	-20.39	Peak	

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

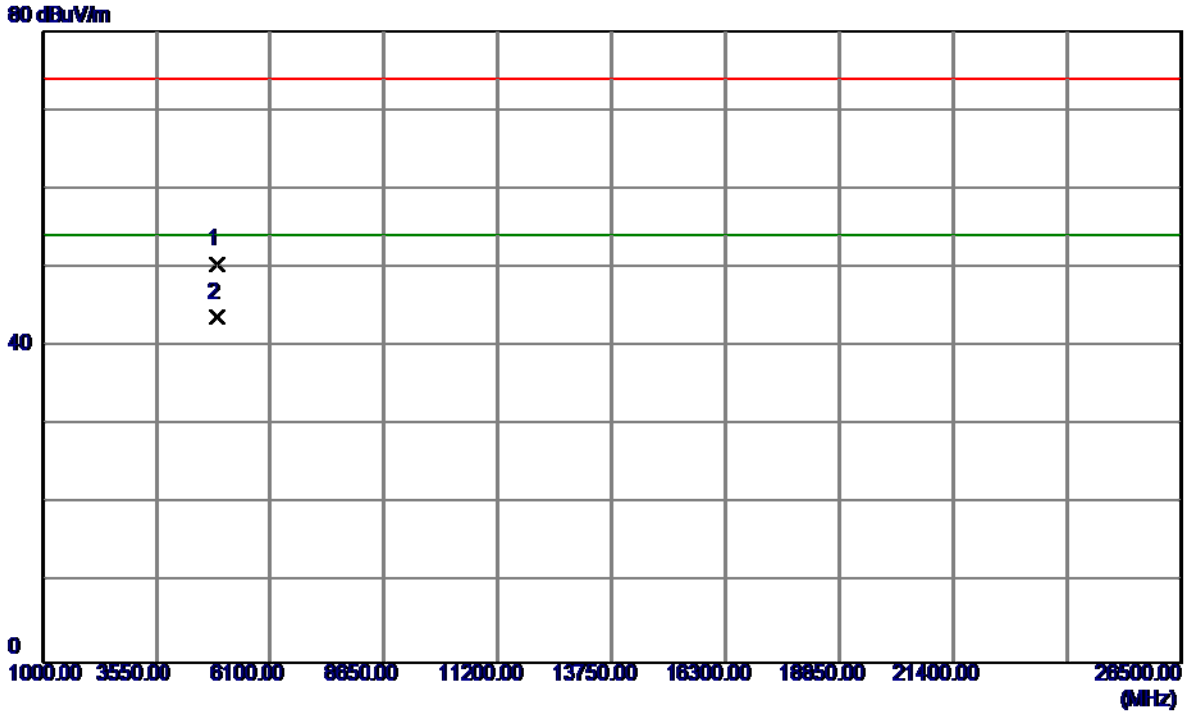
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2457.0000	63.47	33.04	96.51	74.00	22.51	Peak	NO LIMIT
2 *	2459.2000	52.69	33.05	85.74	54.00	31.74	AVG	NO LIMIT
3	2483.5000	24.51	33.15	57.66	74.00	-16.34	Peak	
4	2483.5000	13.62	33.15	46.77	54.00	-7.23	AVG	

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

Horizontal



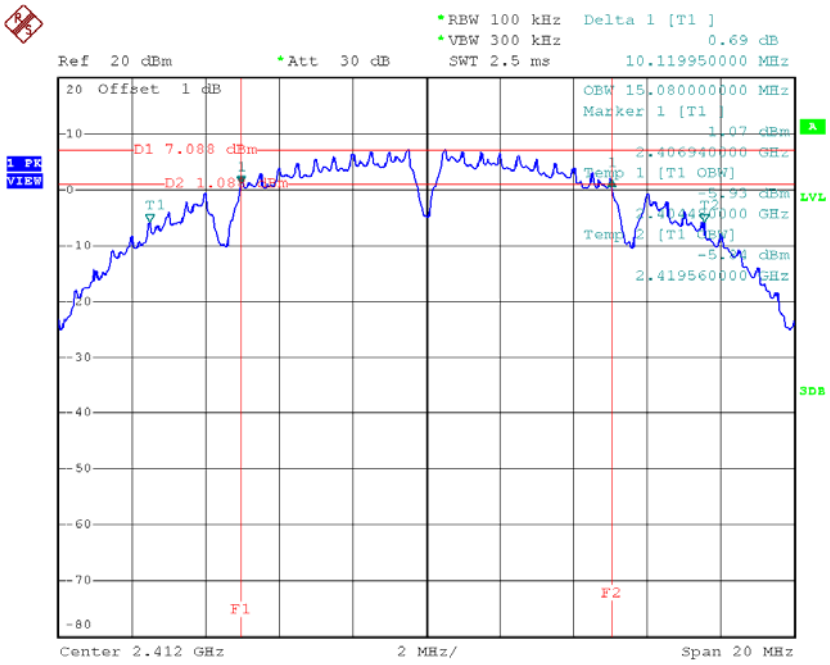
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.8300	45.36	5.00	50.36	74.00	-23.64	Peak	
2 *	4904.0170	38.75	5.01	43.76	54.00	-10.24	AVG	

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

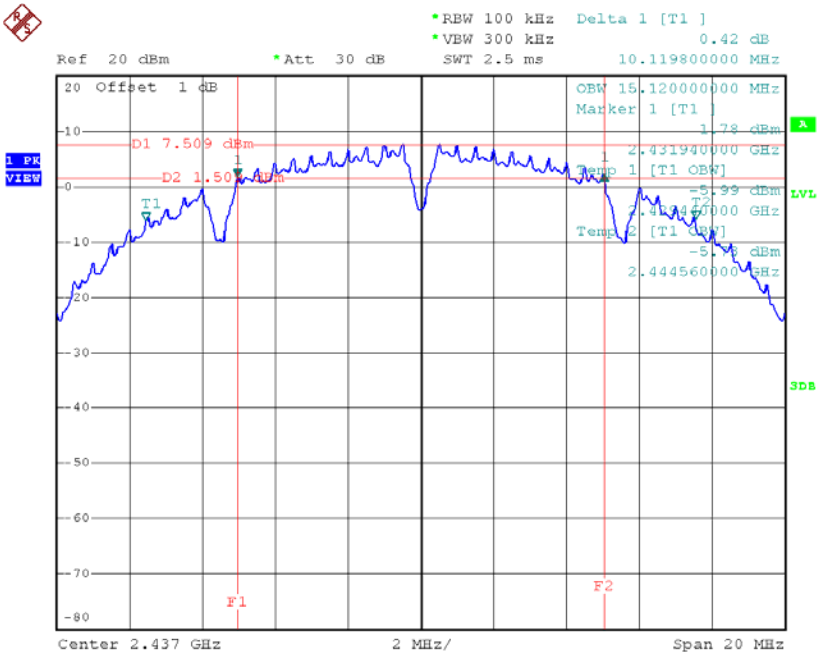
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.12	15.08	500	Complies
2437	10.12	15.12	500	Complies
2462	10.10	15.08	500	Complies

TX CH01



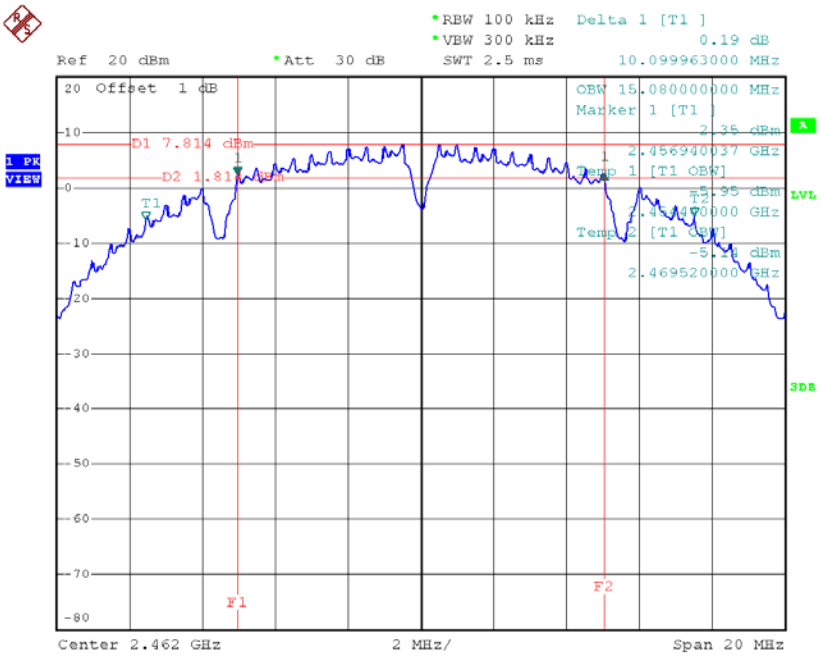
Date: 23.MAY.2016 14:42:27

TX CH06



Date: 23.MAY.2016 14:45:19

TX CH11

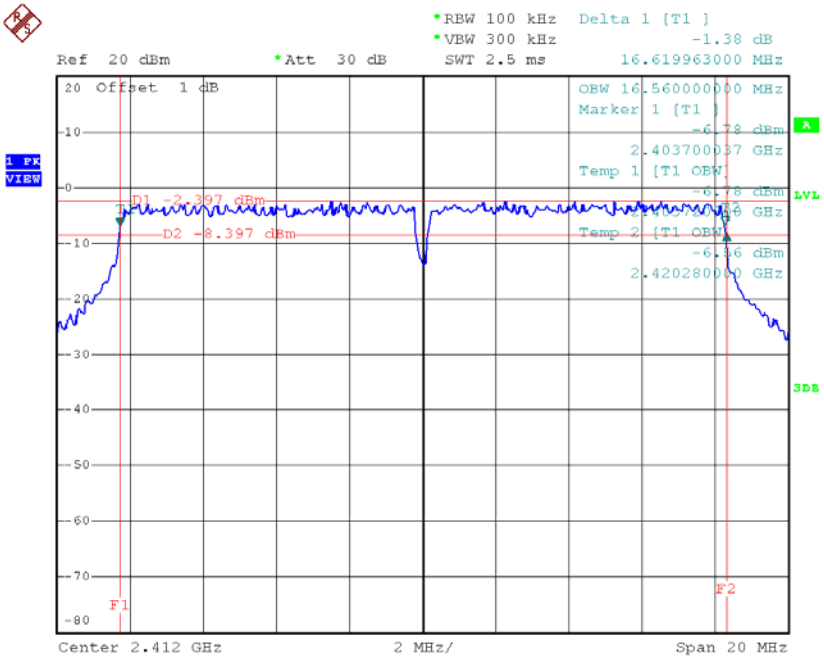


Date: 23.MAY.2016 14:47:35

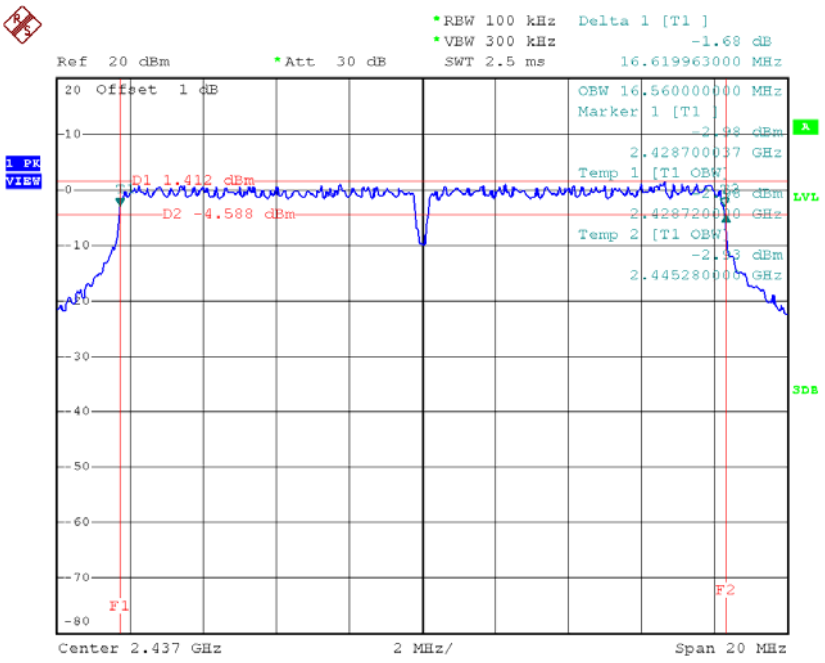
Test Mode: TX G Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.62	16.56	500	Complies
2437	16.62	16.56	500	Complies
2462	16.62	16.52	500	Complies

TX CH01

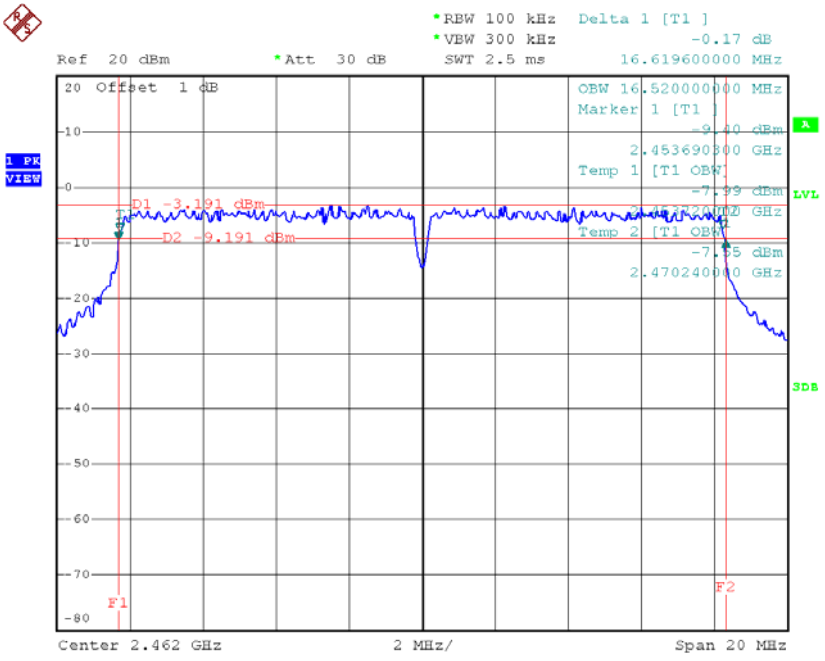


TX CH06



Date: 23.MAY.2016 15:00:08

TX CH11

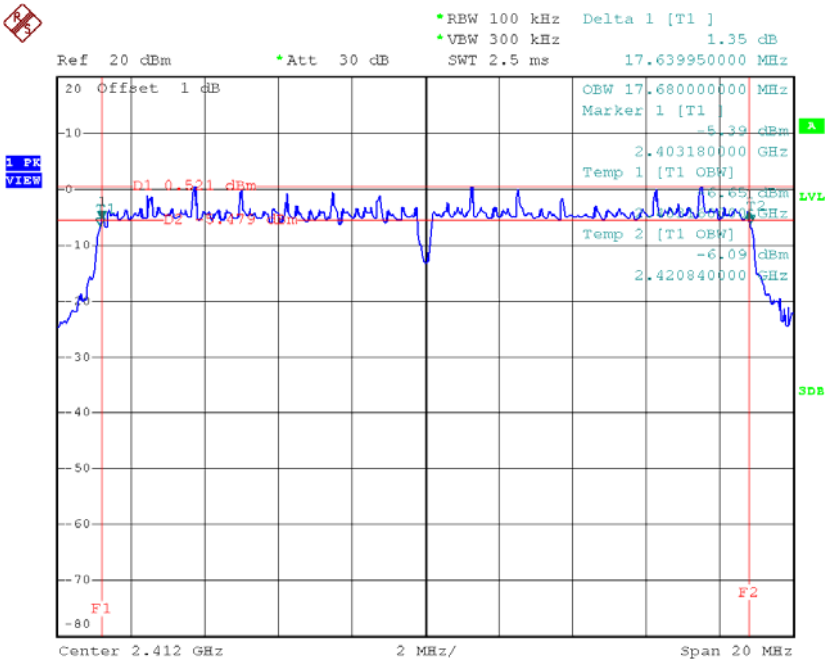


Date: 23.MAY.2016 15:02:05

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

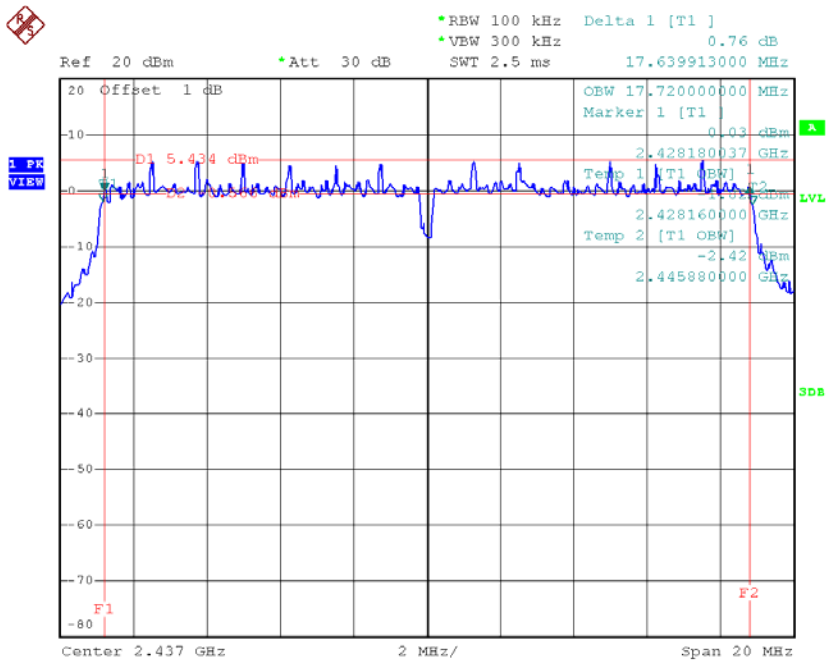
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.64	17.68	500	Complies
2437	17.64	17.72	500	Complies
2462	17.63	17.68	500	Complies

TX CH01



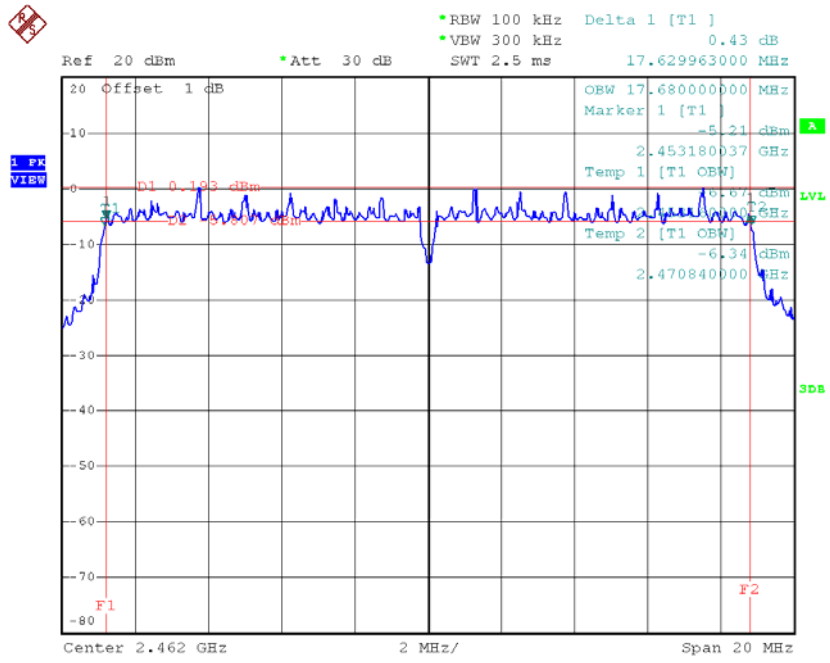
Date: 23.MAY.2016 15:11:43

TX CH06



Date: 23.MAY.2016 15:13:43

TX CH11

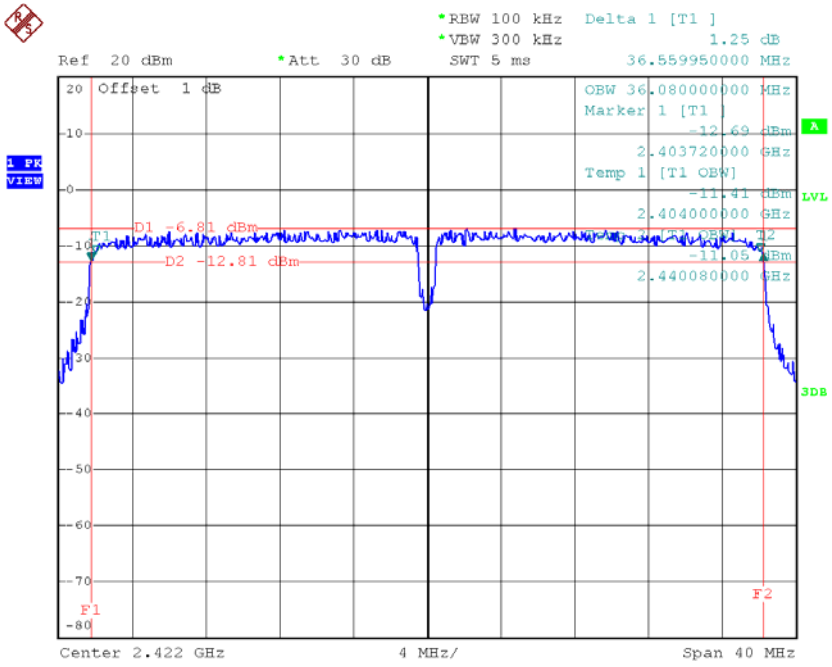


Date: 23.MAY.2016 15:17:07

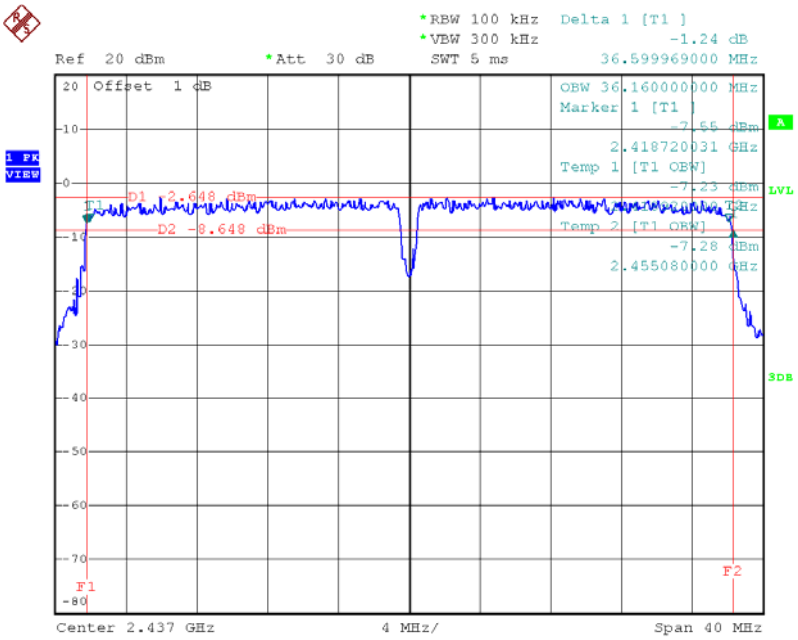
Test Mode : TX N-40MHz Mode_CH03/06/09

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.56	36.08	500	Complies
2437	36.6	36.16	500	Complies
2452	36.56	36.16	500	Complies

TX CH03

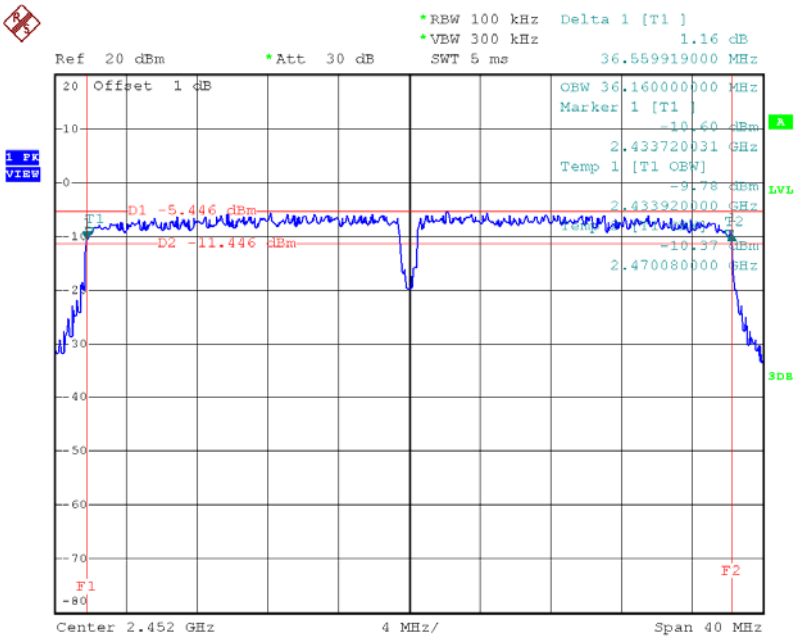


TX CH06



Date: 23.MAY.2016 15:54:38

TX CH09



Date: 23.MAY.2016 15:56:43

ATTACHMENT F– MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.18	0.26	30.00	1.00	Complies
2437	24.14	0.26	30.00	1.00	Complies
2462	23.84	0.24	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	23.02	0.20	30.00	1.00	Complies
2437	23.35	0.22	30.00	1.00	Complies
2462	23.49	0.22	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	26.65	0.46	30.00	1.00	Complies
2437	26.77	0.48	30.00	1.00	Complies
2462	26.68	0.47	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	25.97	0.40	30.00	1.00	Complies
2437	27.19	0.52	30.00	1.00	Complies
2462	24.78	0.30	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	25.23	0.33	30.00	1.00	Complies
2437	25.88	0.39	30.00	1.00	Complies
2462	24.64	0.29	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	28.63	0.73	30.00	1.00	Complies
2437	29.59	0.91	30.00	1.00	Complies
2462	27.72	0.59	30.00	1.00	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	24.66	0.29	30.00	1.00	Complies
2437	26.71	0.47	30.00	1.00	Complies
2462	24.59	0.29	30.00	1.00	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	24.48	0.28	30.00	1.00	Complies
2437	25.93	0.39	30.00	1.00	Complies
2462	24.84	0.30	30.00	1.00	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	27.58	0.57	30.00	1.00	Complies
2437	29.35	0.86	30.00	1.00	Complies
2462	27.73	0.59	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	22.88	0.19	30.00	1.00	Complies
2437	26.00	0.40	30.00	1.00	Complies
2452	23.08	0.20	30.00	1.00	Complies

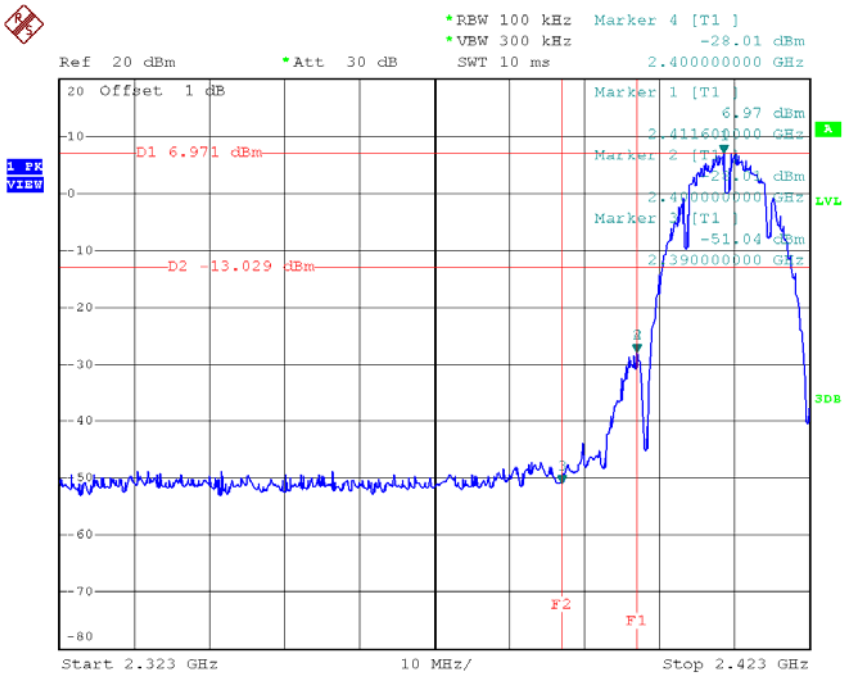
Test Mode :TX N40 Mode_CH03/06/09_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	22.31	0.17	30.00	1.00	Complies
2437	25.64	0.37	30.00	1.00	Complies
2452	22.71	0.19	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	25.61	0.36	30.00	1.00	Complies
2437	28.83	0.76	30.00	1.00	Complies
2452	25.91	0.39	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

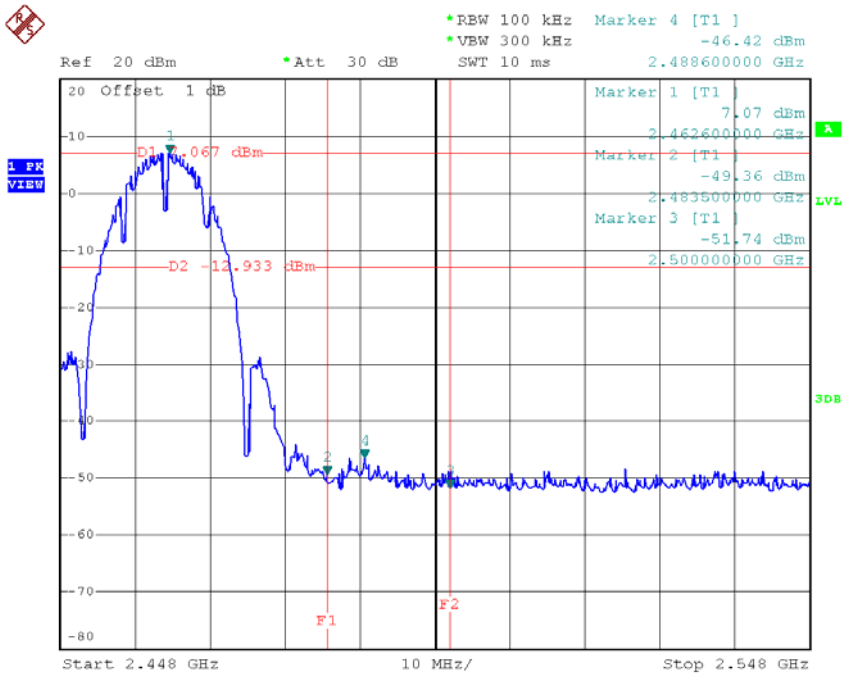
Test Mode :	TX B Mode_ANT 1

TX B mode CH01



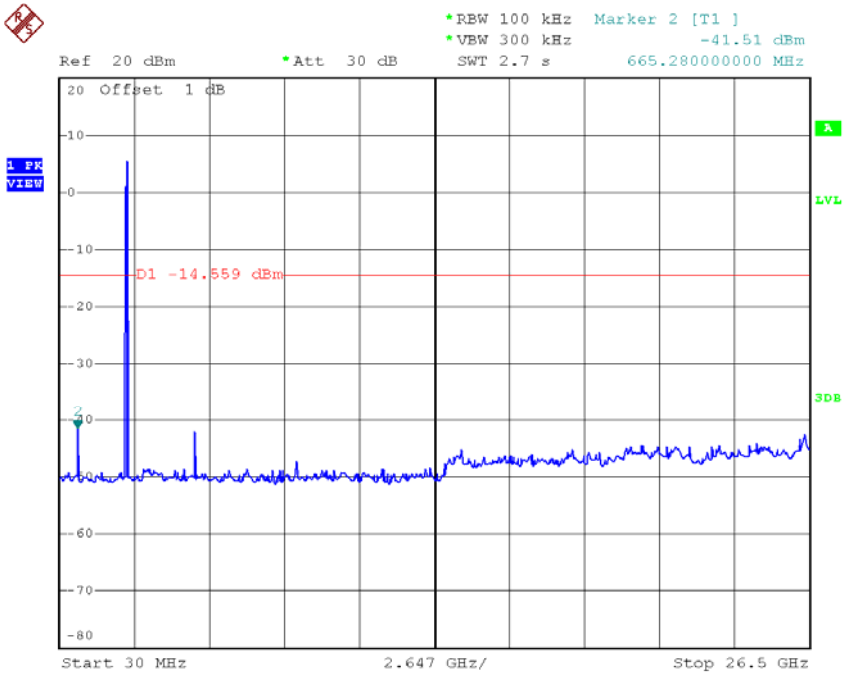
Date: 23.MAY.2016 14:42:49

TX B modeCH11



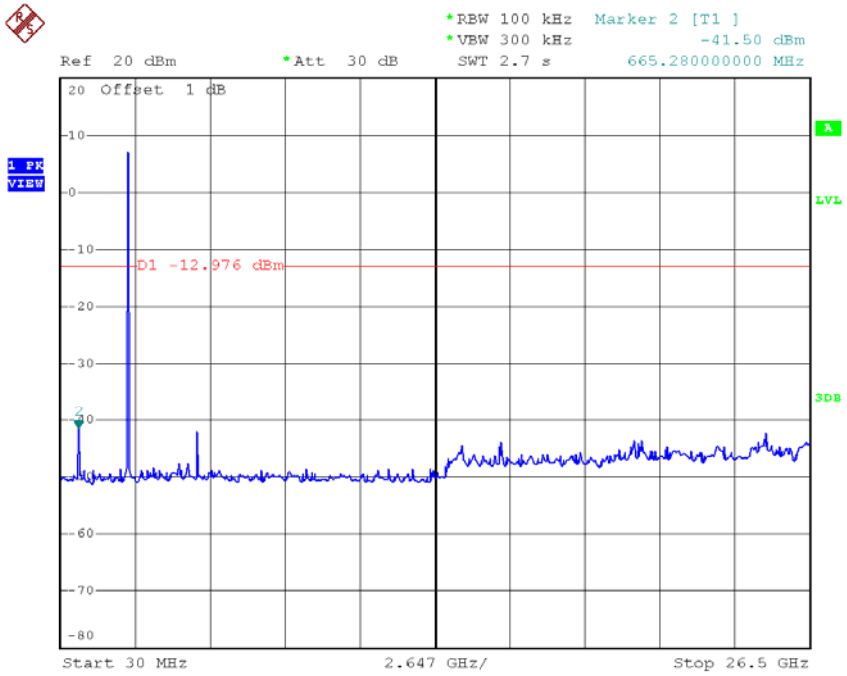
Date: 23.MAY.2016 14:47:57

TX B mode CH01 (10 Harmonic of the frequency)



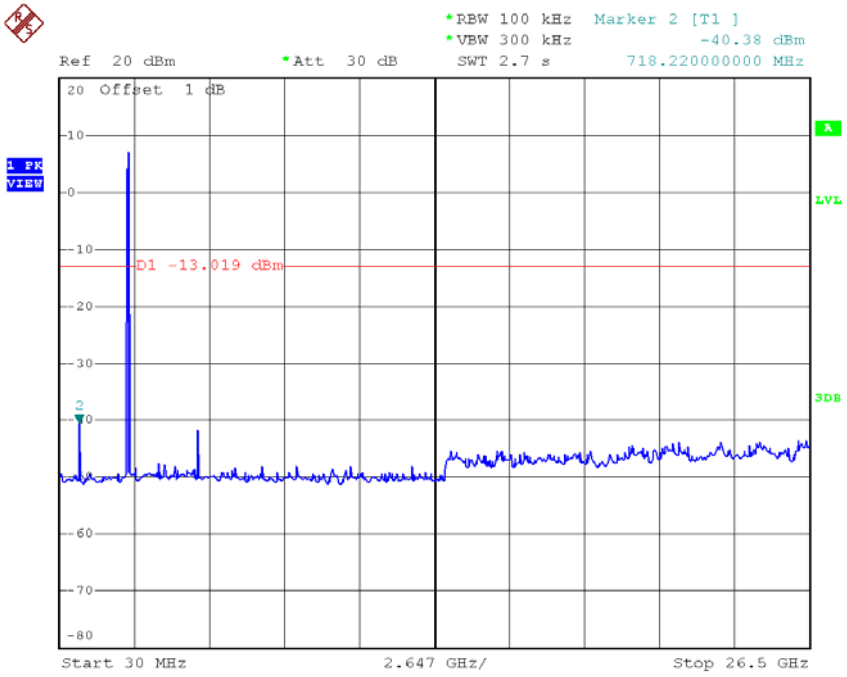
Date: 23.MAY.2016 14:42:41

TX B mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 14:45:33

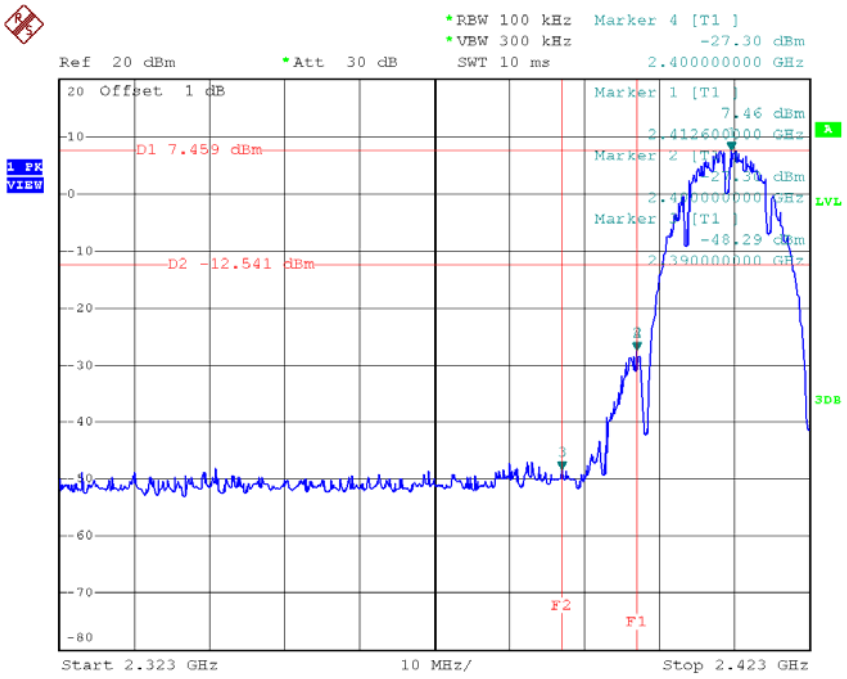
TX B mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2016 14:47:49

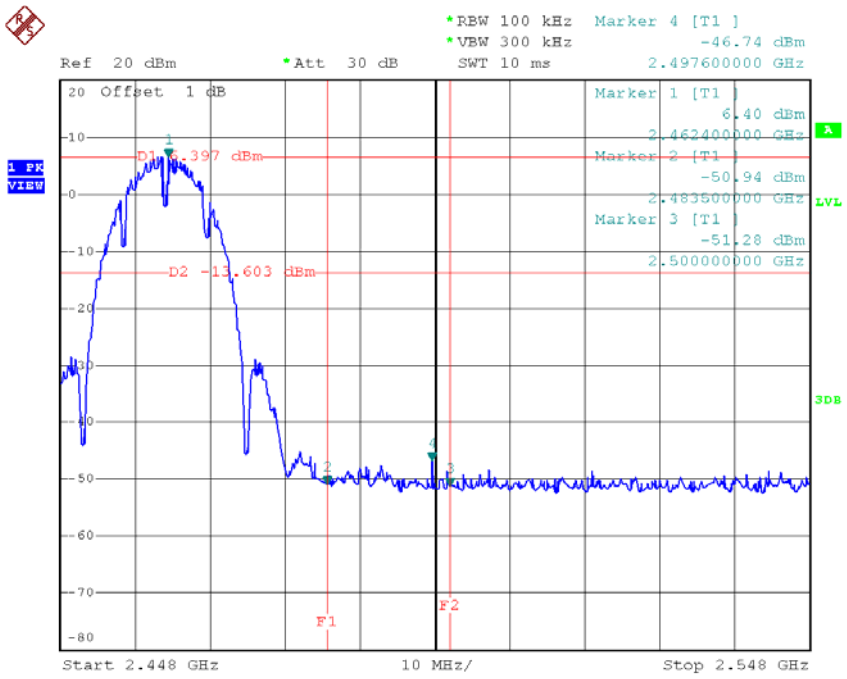
Test Mode :	TX B Mode_ANT 2

TX B mode CH01



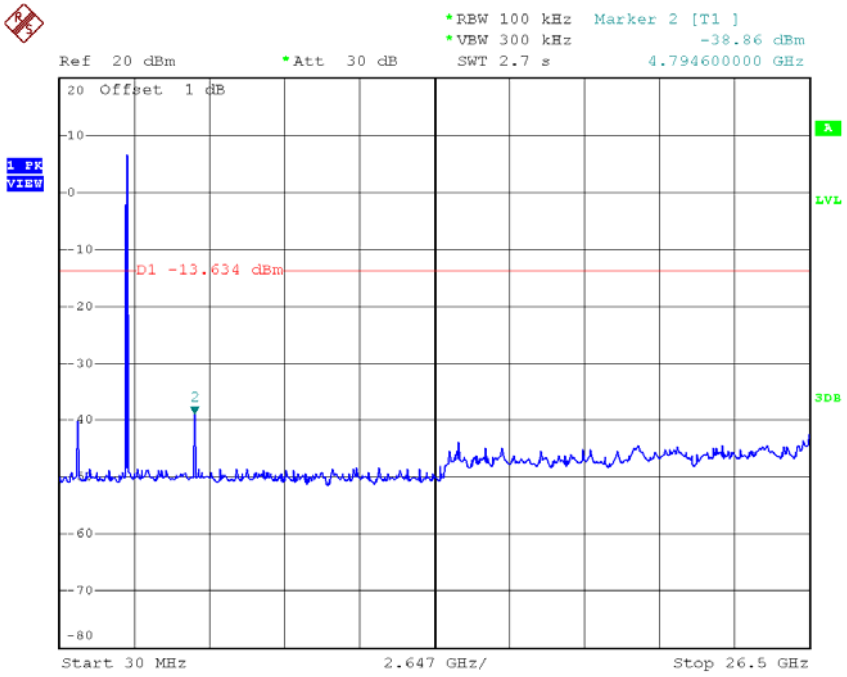
Date: 23.MAY.2016 14:50:30

TX B modeCH11



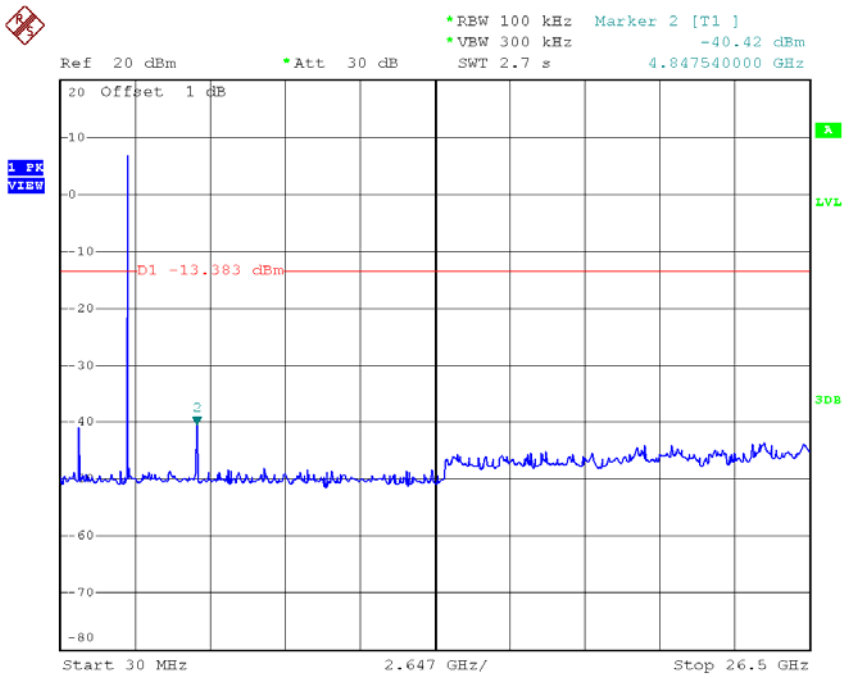
Date: 23.MAY.2016 14:54:56

TX B mode CH01 (10 Harmonic of the frequency)



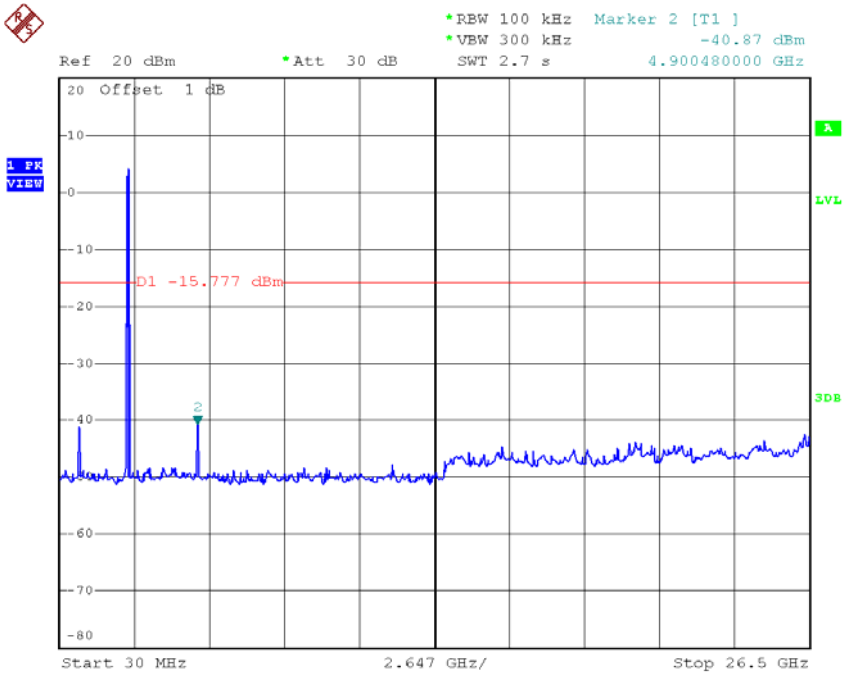
Date: 23.MAY.2016 14:50:22

TX B mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 14:52:29

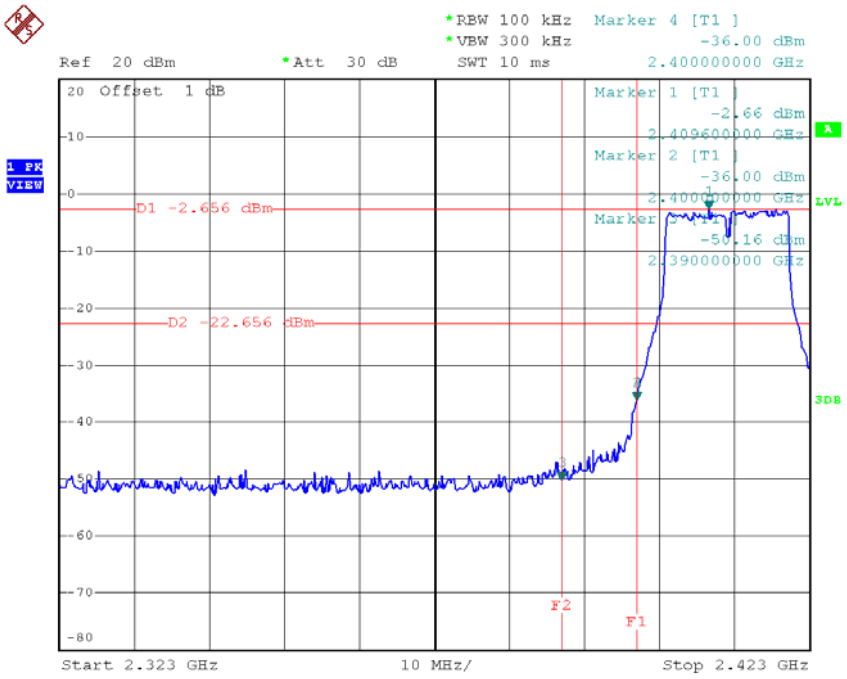
TX B mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2016 14:54:48

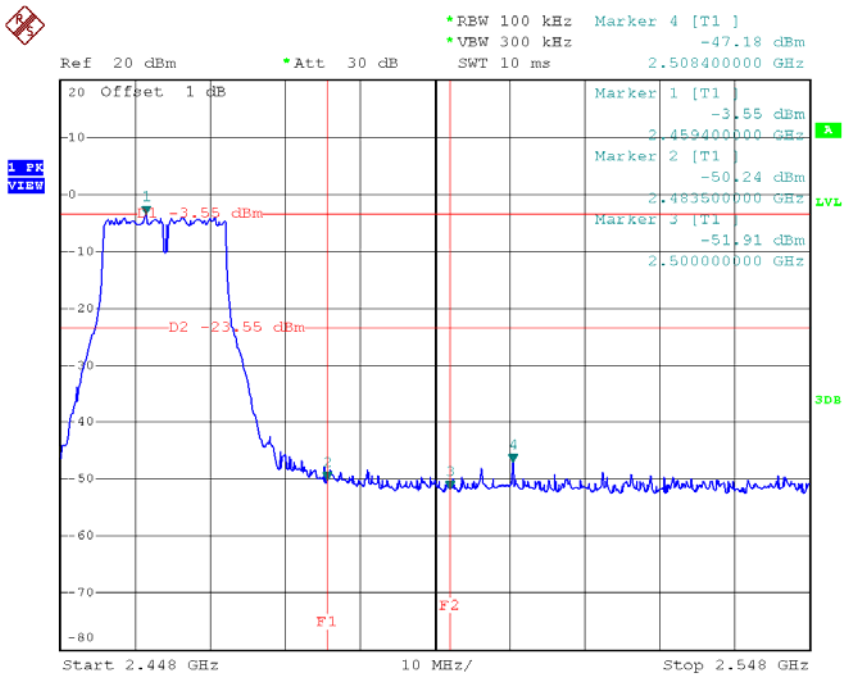
Test Mode :	TX G Mode_ANT 1

TX G mode CH01



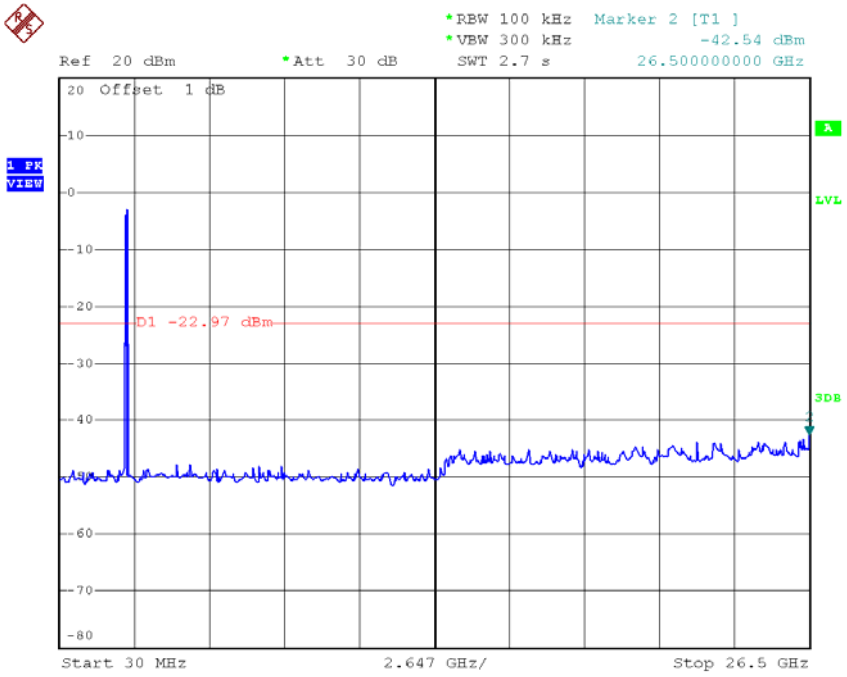
Date: 23.MAY.2016 14:58:24

TX G modeCH11



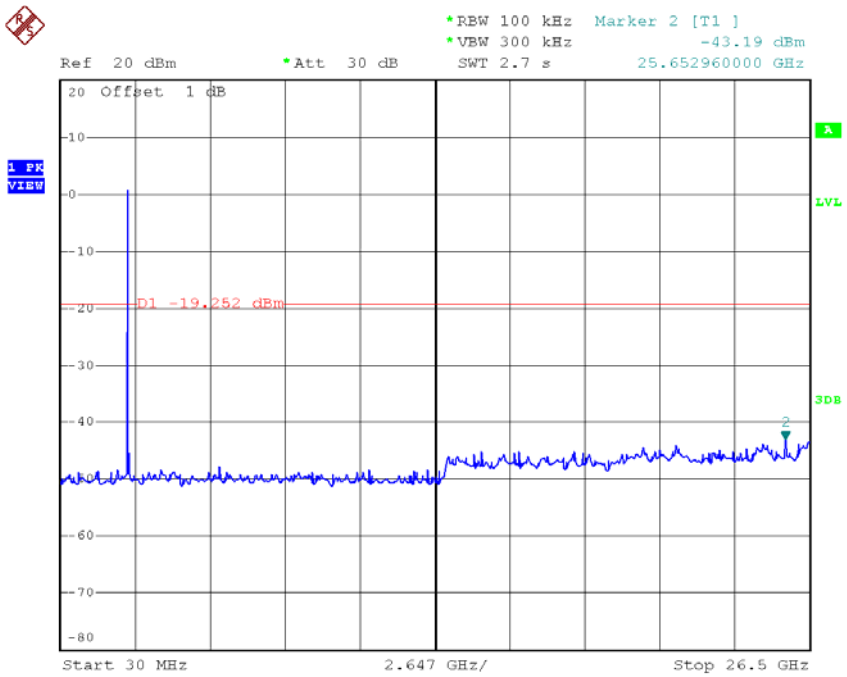
Date: 23.MAY.2016 15:02:28

TX G mode CH01 (10 Harmonic of the frequency)



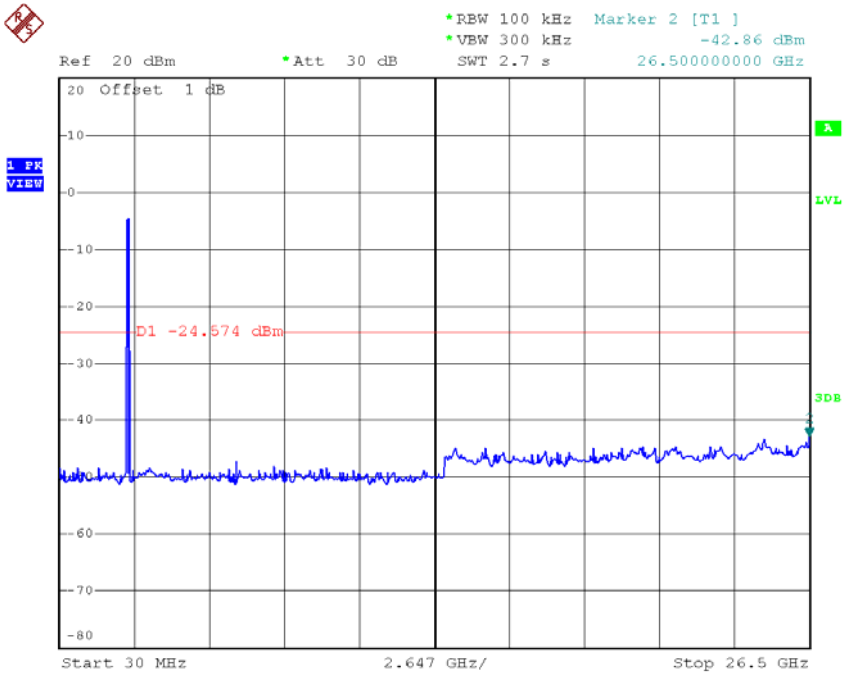
Date: 23.MAY.2016 14:58:17

TX G mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:00:23

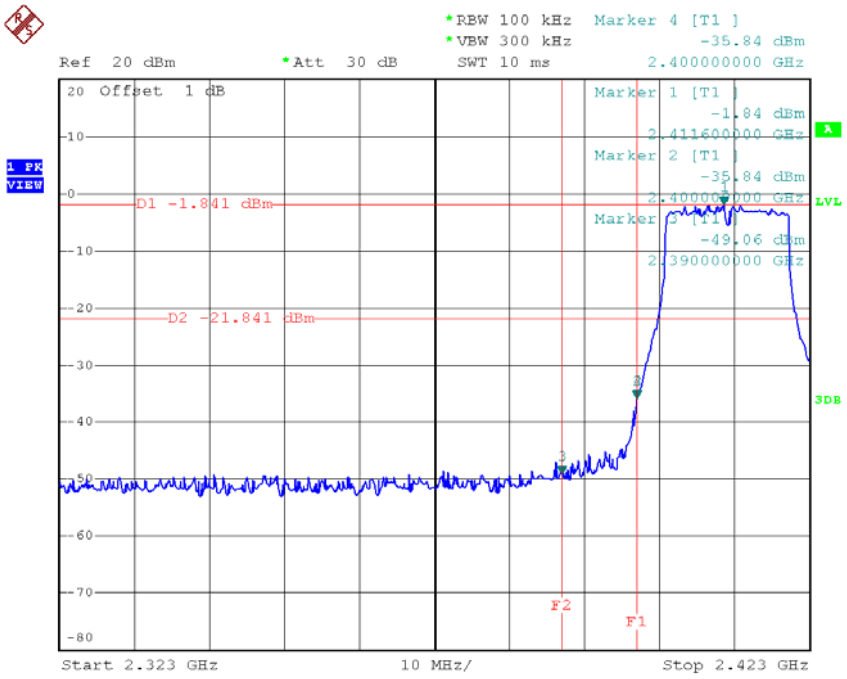
TX G mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:02:20

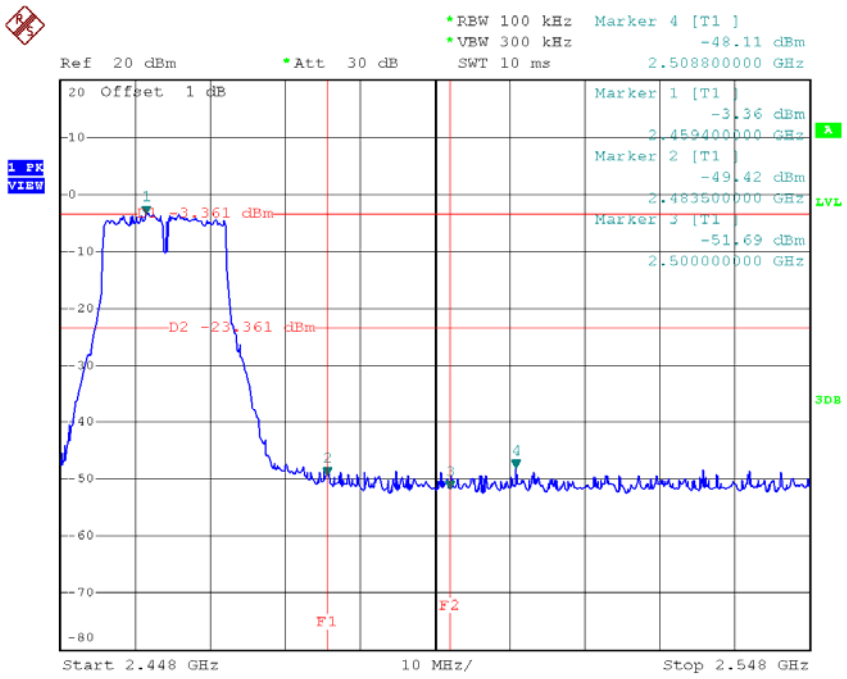
Test Mode :	TX G Mode_ANT 2

TX G mode CH01



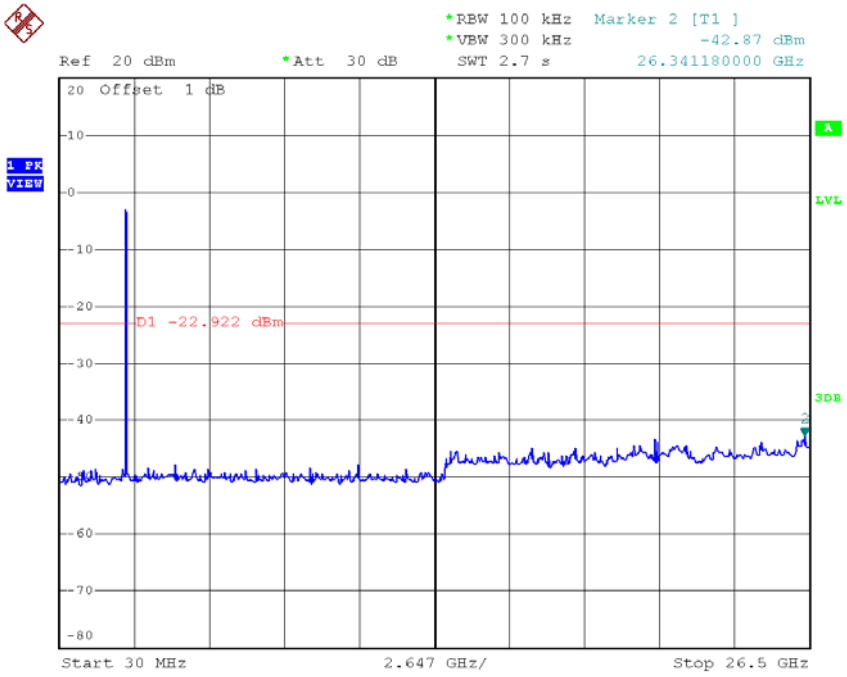
Date: 23.MAY.2016 15:04:48

TX G modeCH11



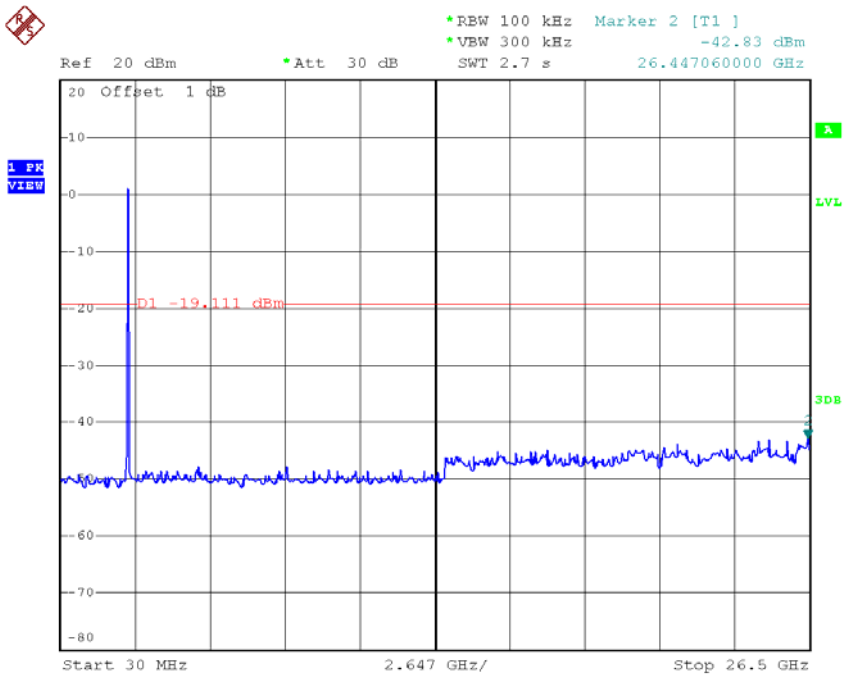
Date: 23.MAY.2016 15:08:52

TX G mode CH01 (10 Harmonic of the frequency)



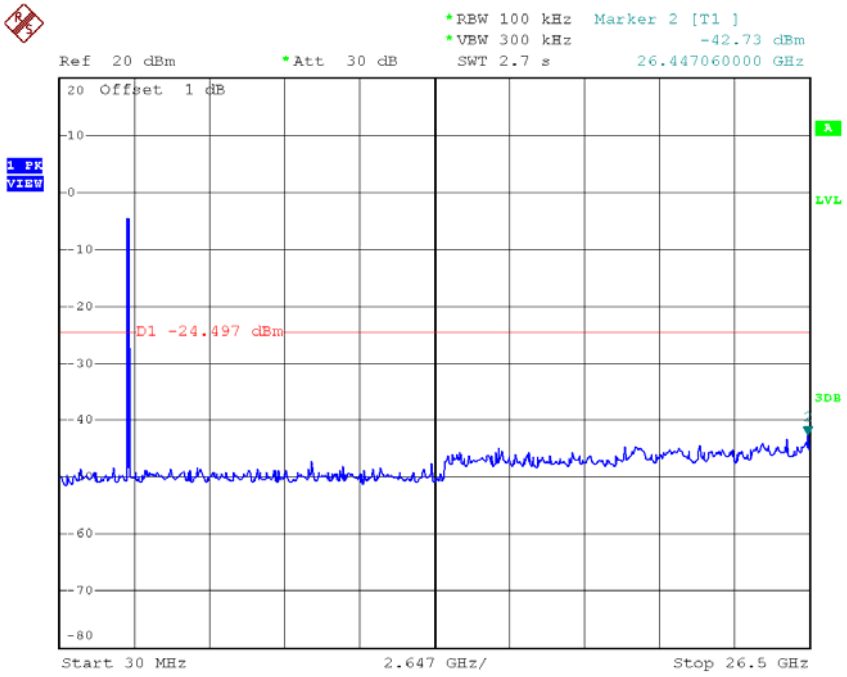
Date: 23.MAY.2016 15:04:41

TX G mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:06:43

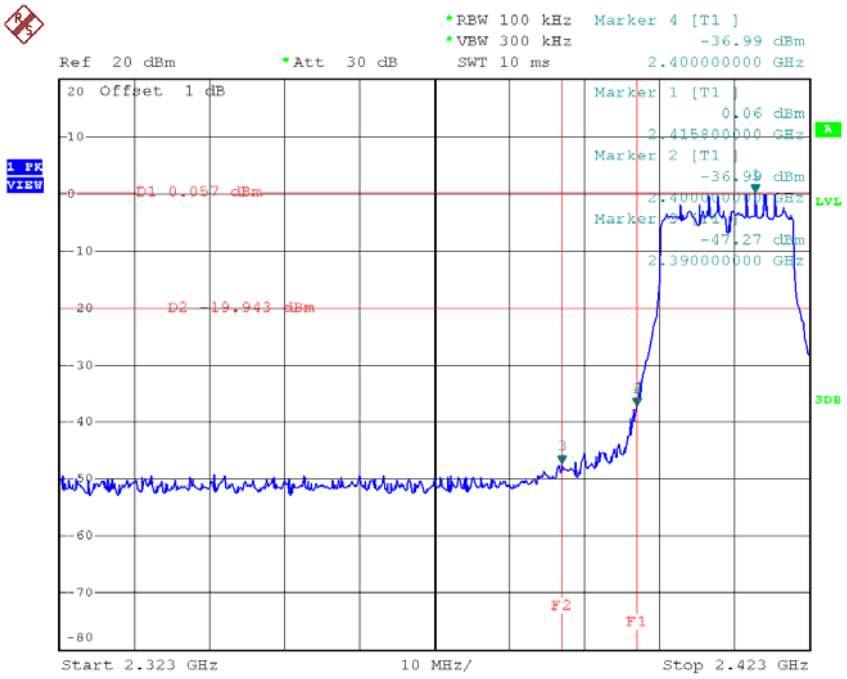
TX G mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:08:44

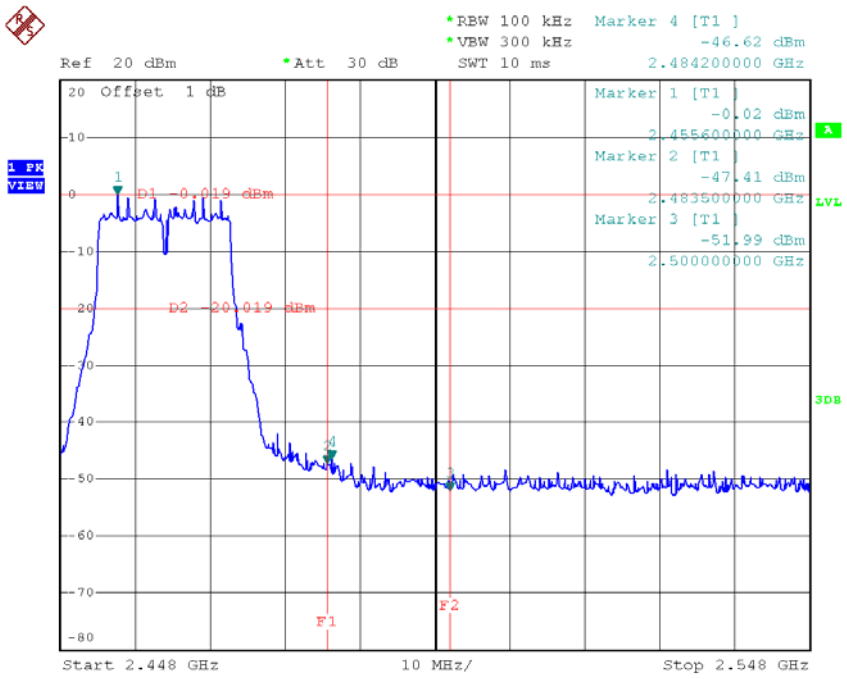
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



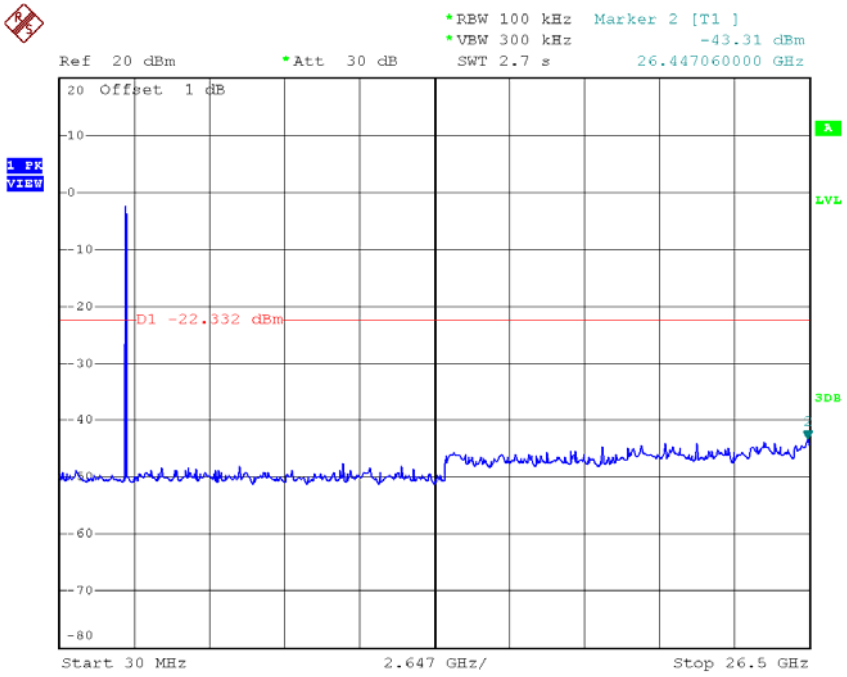
Date: 23.MAY.2016 15:12:04

TX HT20 mode CH11



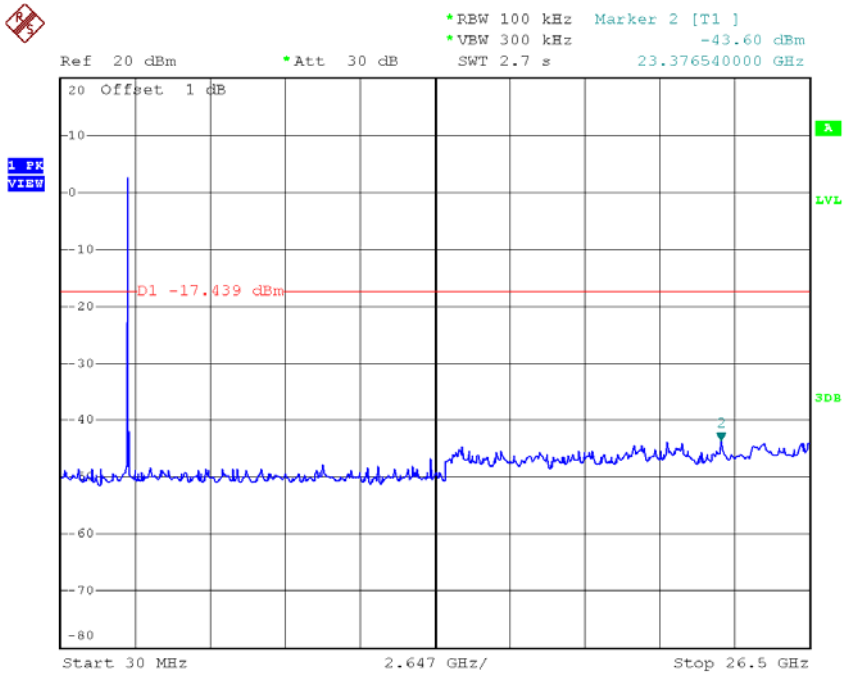
Date: 23.MAY.2016 15:17:28

TX HT20 mode CH01 (10 Harmonic of the frequency)



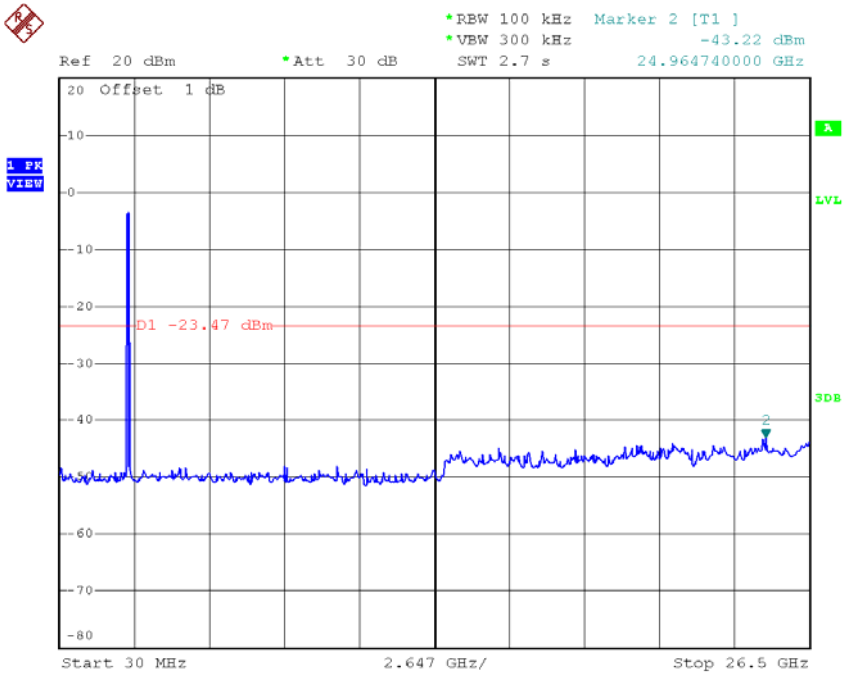
Date: 23.MAY.2016 15:11:57

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:13:57

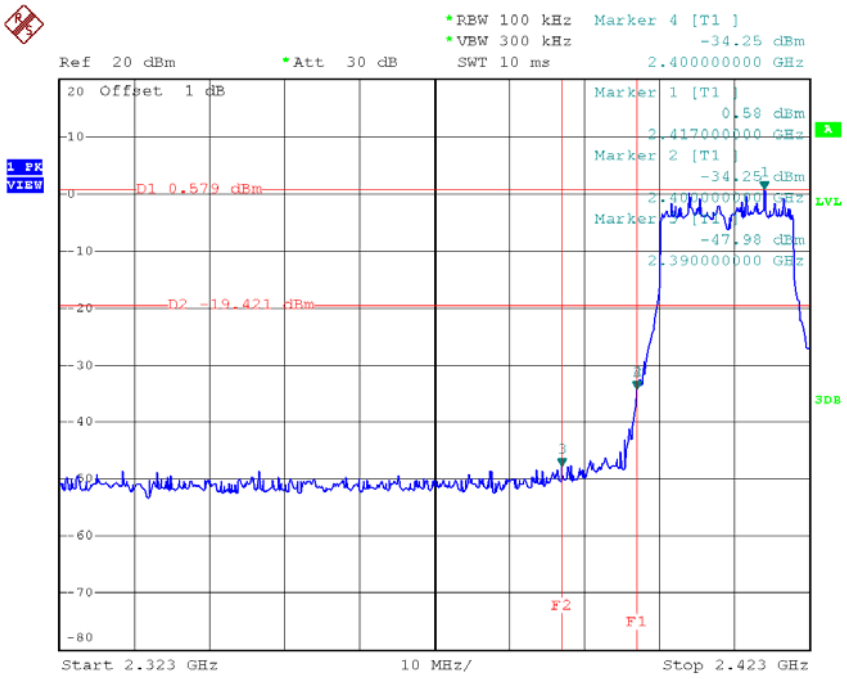
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:17:21

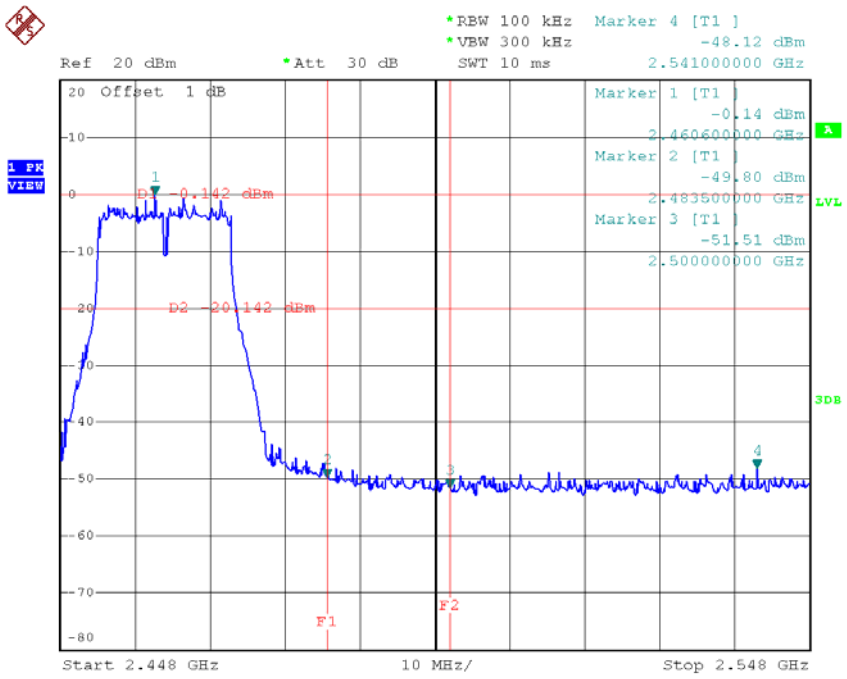
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



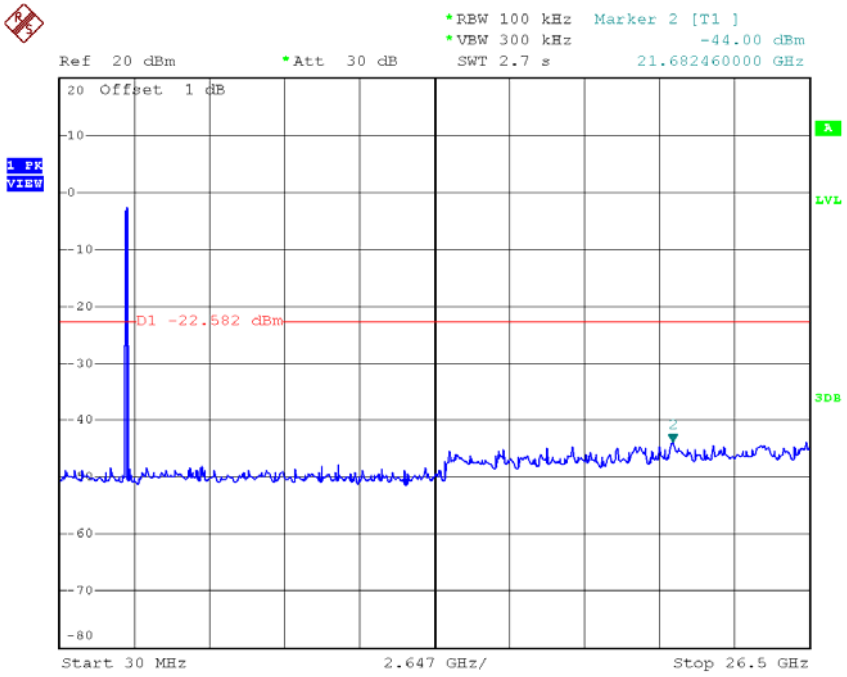
Date: 23.MAY.2016 15:18:41

TX HT20 mode CH11



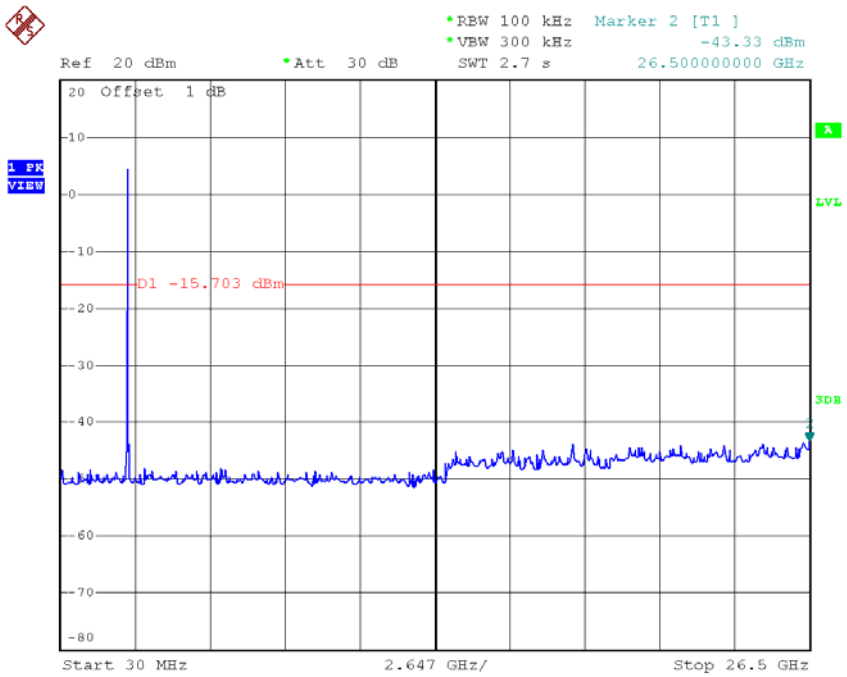
Date: 23.MAY.2016 15:21:11

TX HT20 mode CH01 (10 Harmonic of the frequency)



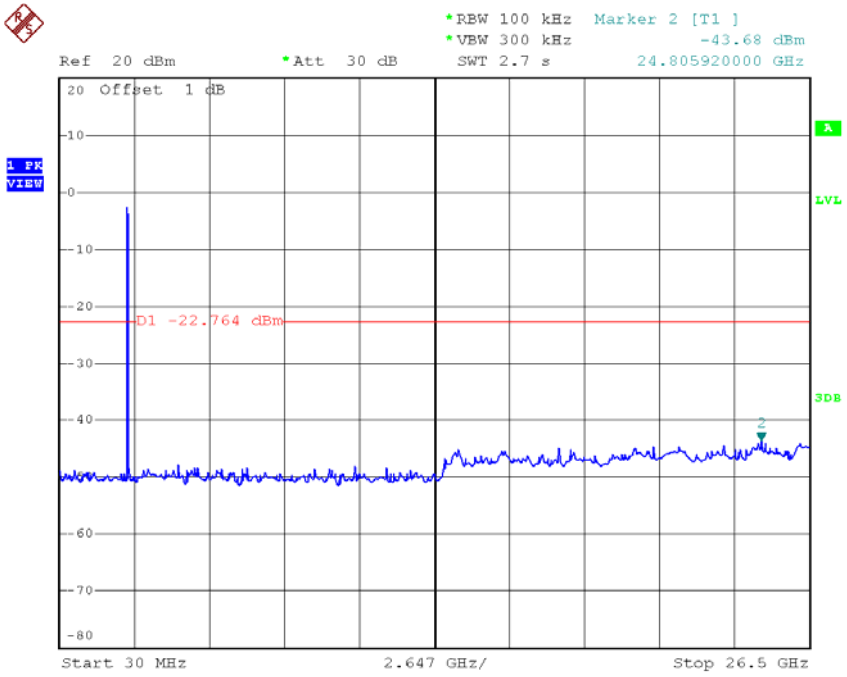
Date: 23.MAY.2016 15:18:33

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:19:48

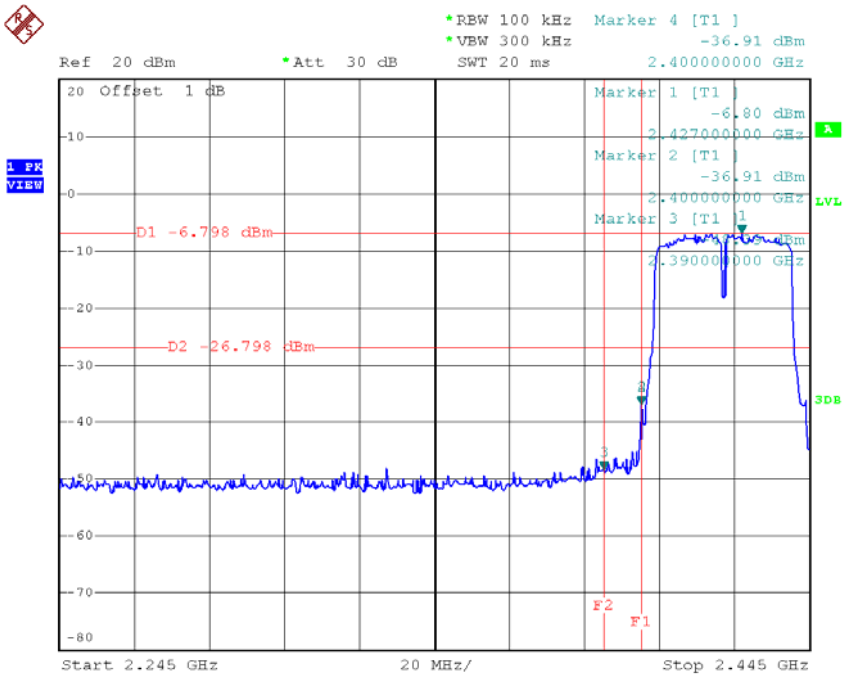
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:21:03

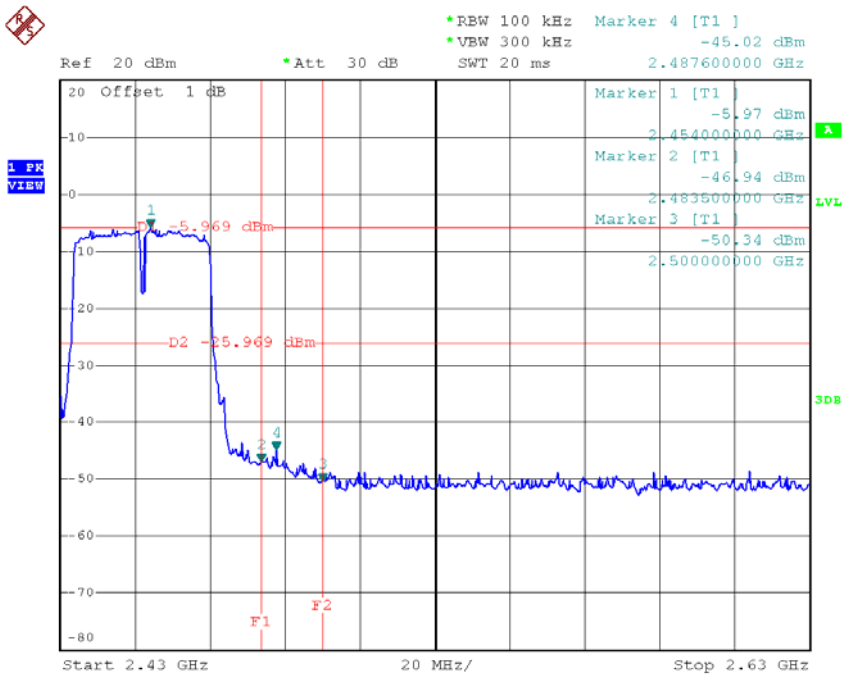
Test Mode :	TX N-40M Mode_ANT 1

TX HT40 mode CH03



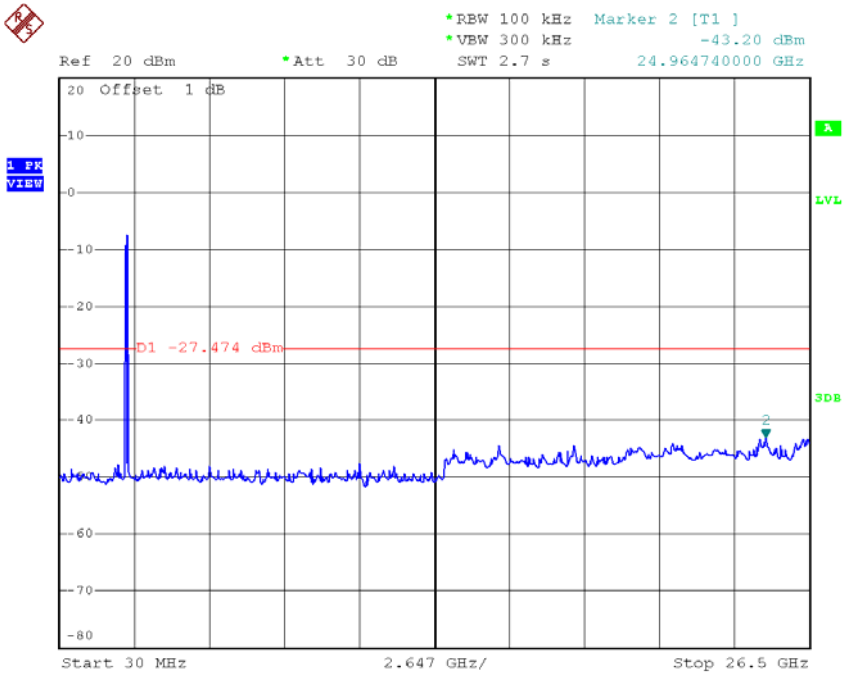
Date: 23.MAY.2016 15:29:07

TX HT40 mode CH09



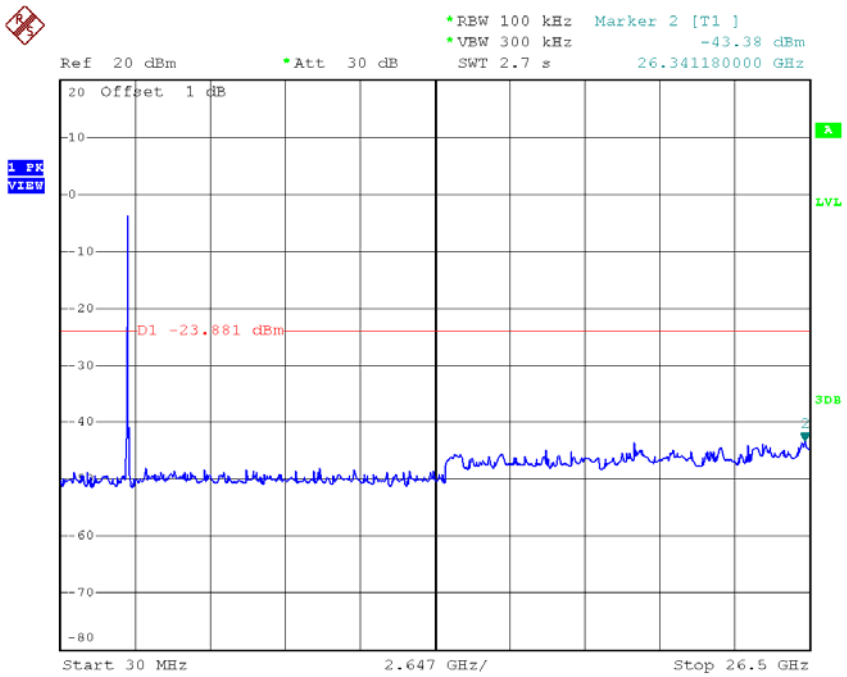
Date: 23.MAY.2016 15:57:05

TX HT40 mode CH03 (10 Harmonic of the frequency)



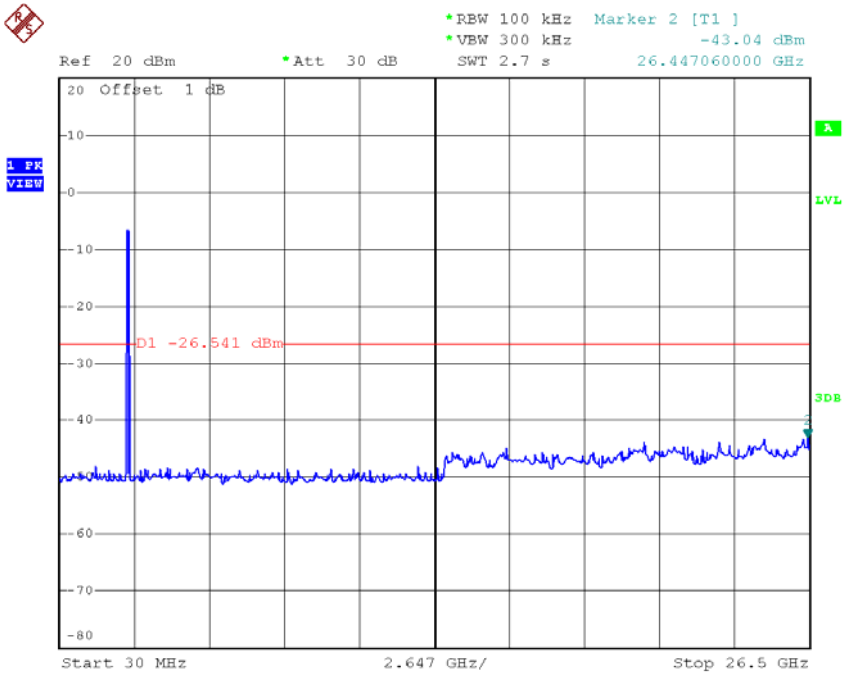
Date: 23.MAY.2016 15:29:00

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:54:54

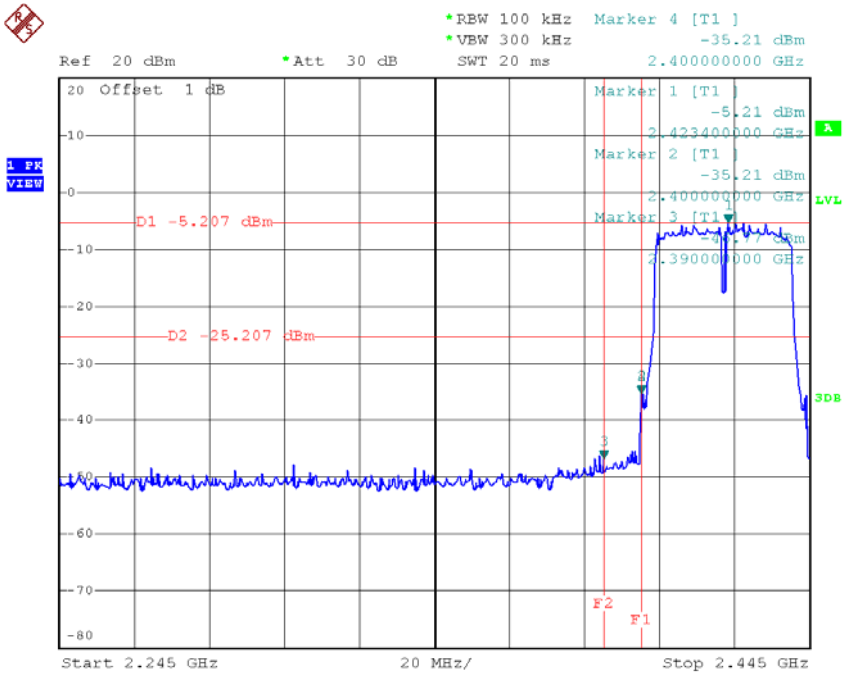
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 23.MAY.2016 15:56:57

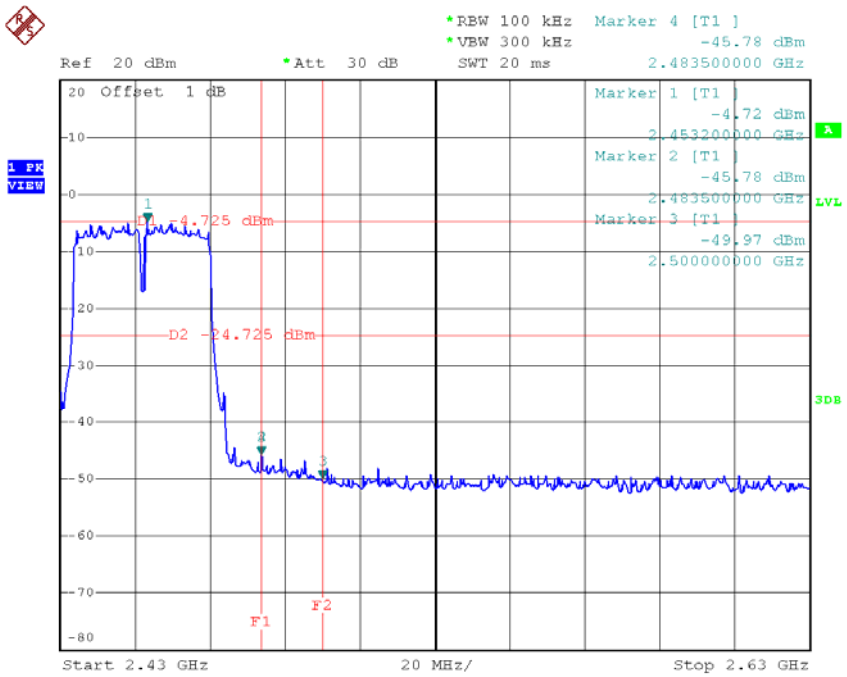
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



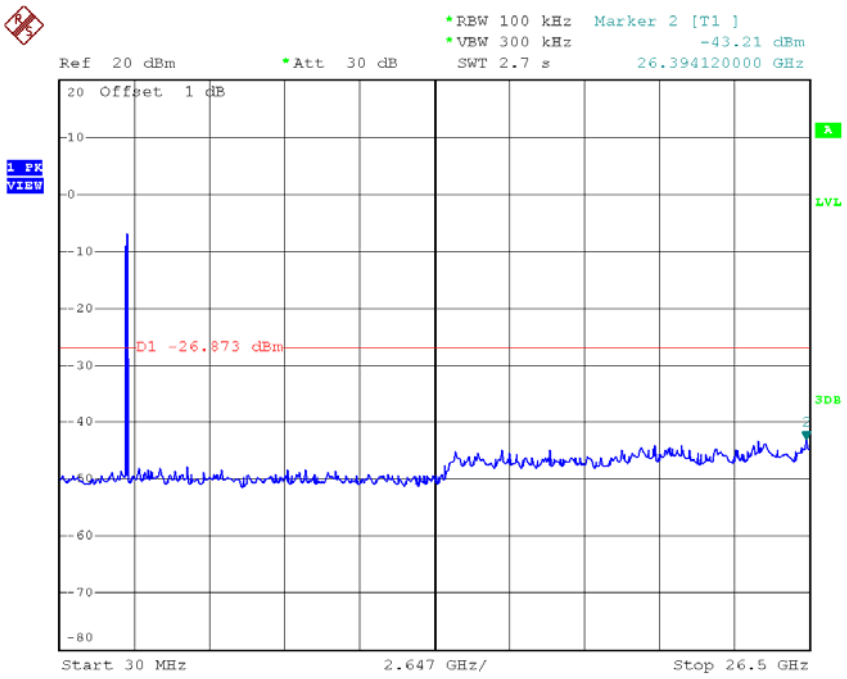
Date: 23.MAY.2016 15:58:56

TX HT40 mode CH09



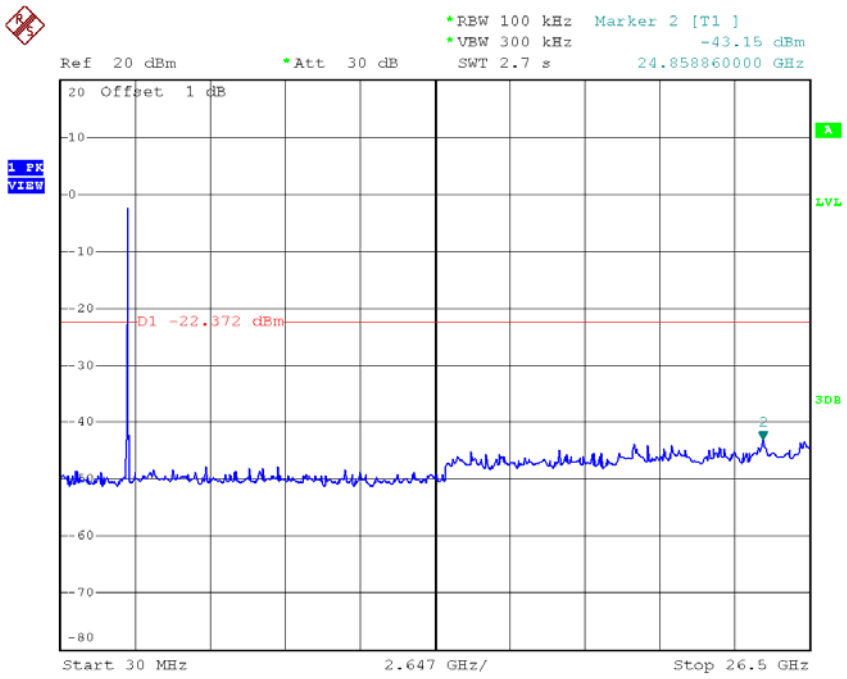
Date: 23.MAY.2016 16:01:17

TX HT40 mode CH03 (10 Harmonic of the frequency)



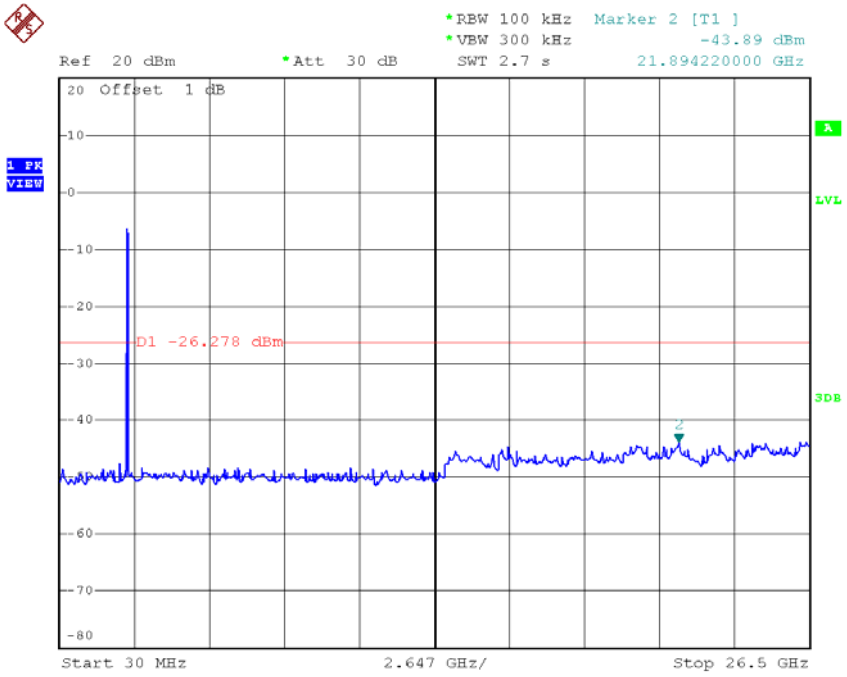
Date: 23.MAY.2016 15:58:48

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2016 16:00:02

TX HT40 mode CH09 (10 Harmonic of the frequency)

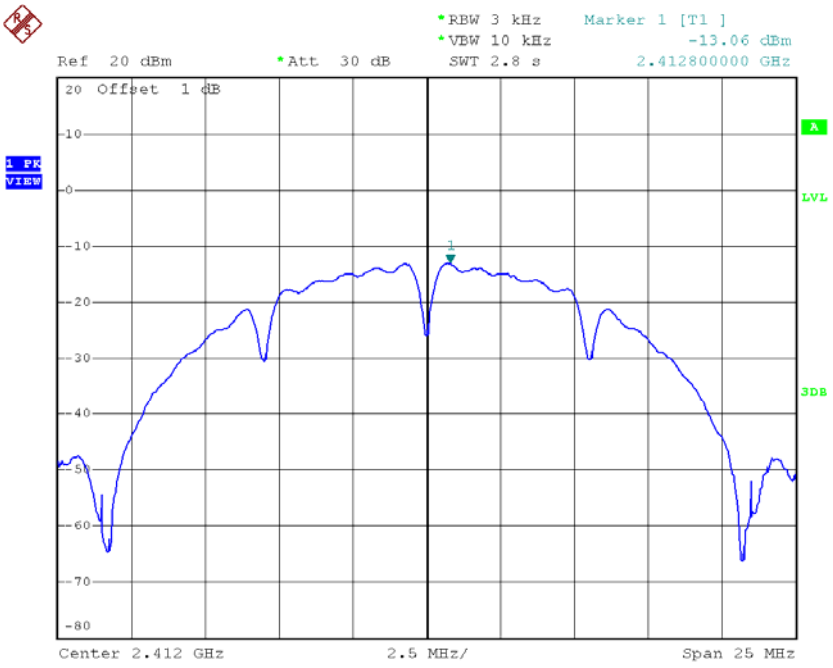


Date: 23.MAY.2016 16:01:09

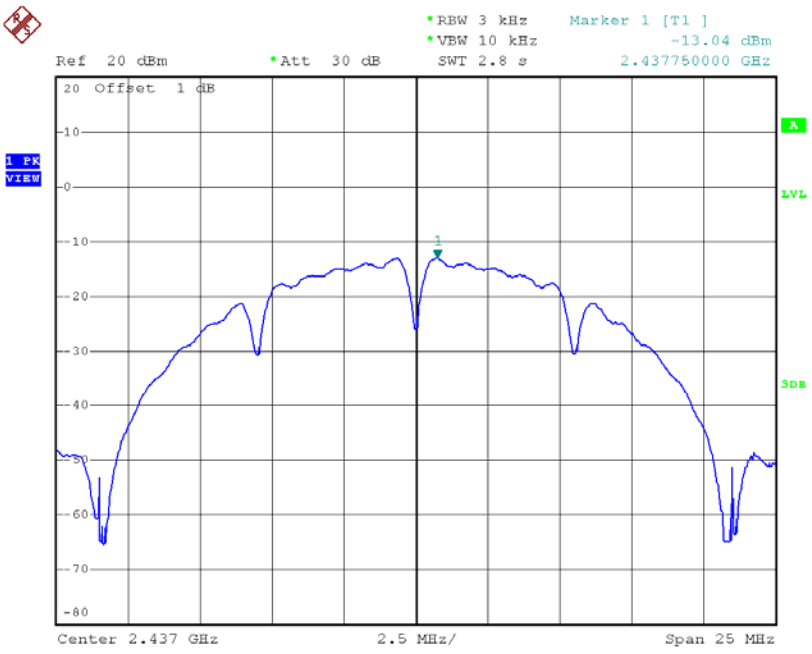
ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11_ANT 1				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.06	0.0494	8.00	Complies
2437	-13.04	0.0497	8.00	Complies
2462	-12.91	0.0512	8.00	Complies

TX CH01

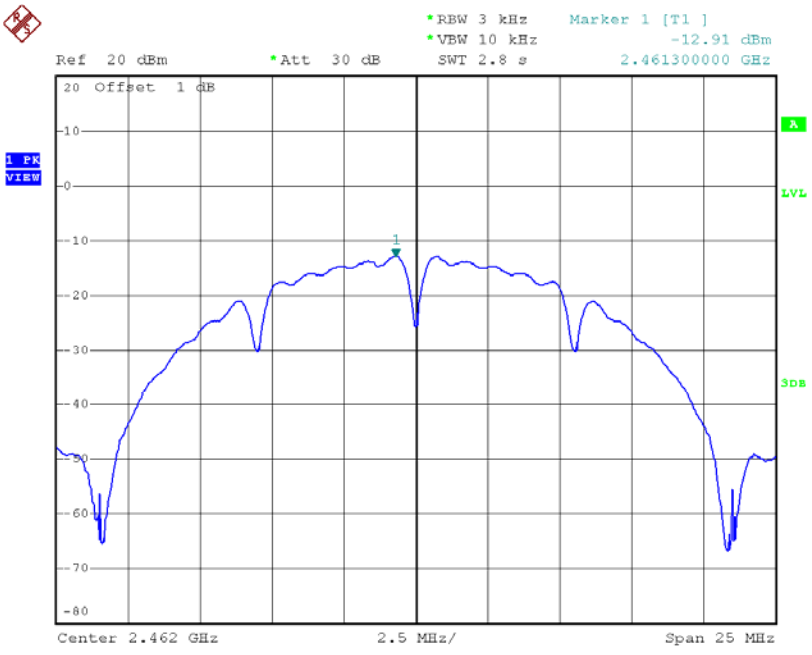


TX CH06



Date: 23.MAY.2016 14:45:42

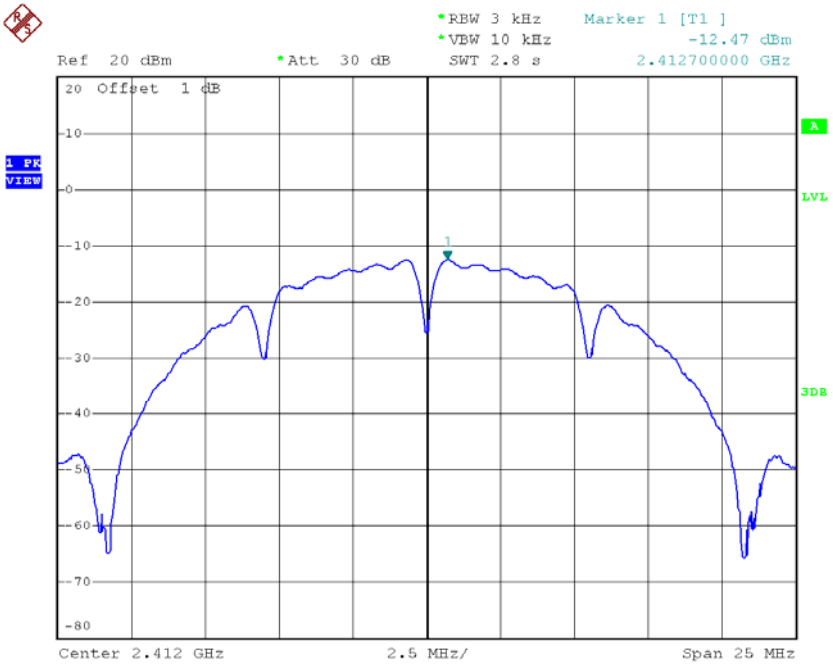
TX CH11



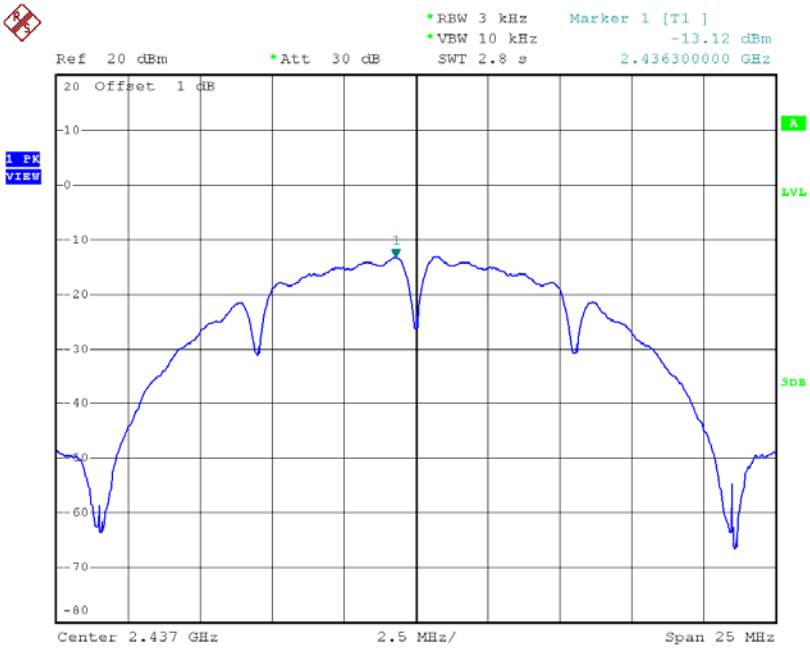
Date: 23.MAY.2016 14:48:06

Test Mode :TX B Mode_CH01/06/11_ANT 2				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.47	0.0566	8.00	Complies
2437	-13.12	0.0488	8.00	Complies
2462	-13.39	0.0458	8.00	Complies

TX CH01

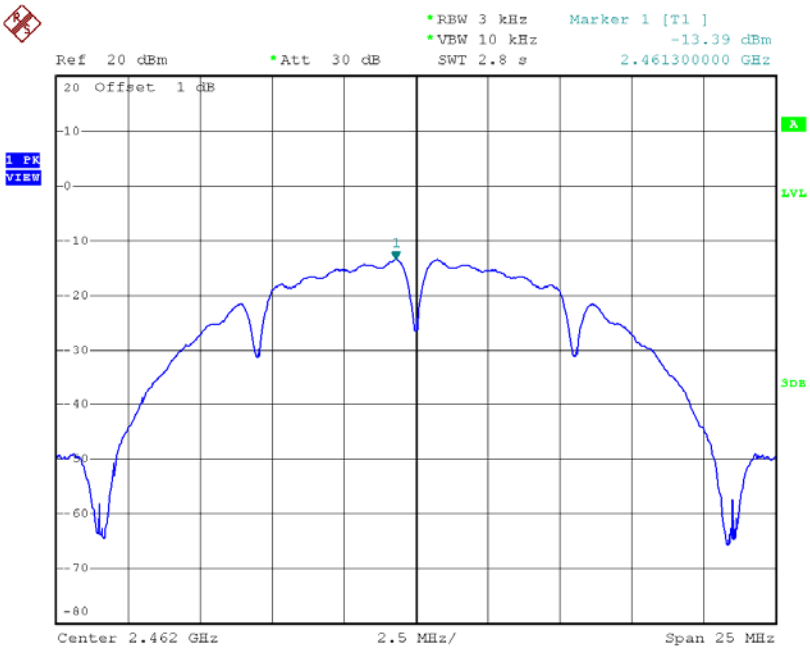


TX CH06



Date: 23.MAY.2016 14:52:38

TX CH11



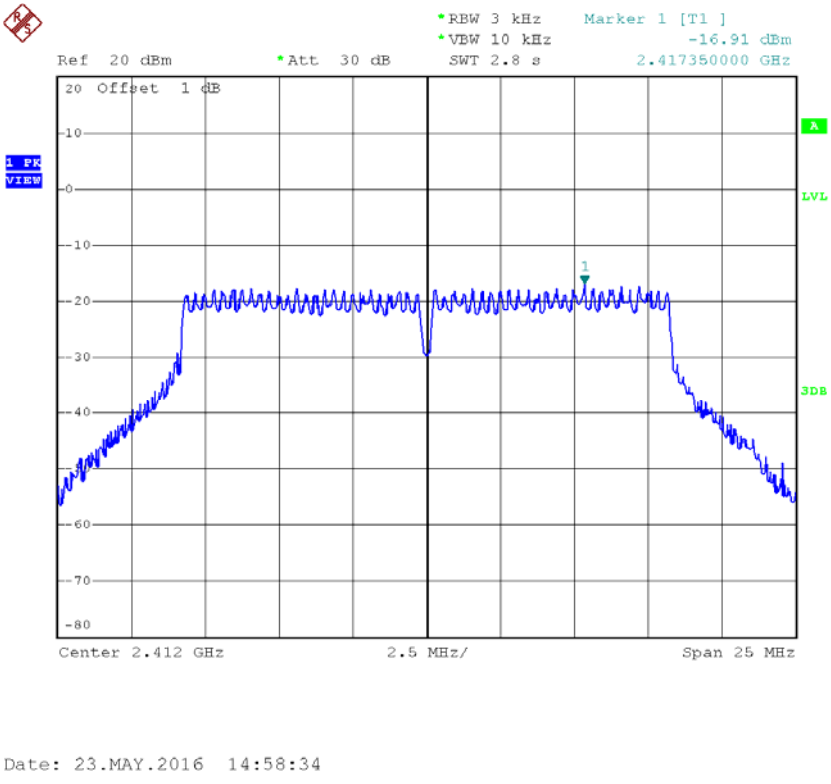
Date: 23.MAY.2016 14:55:05

Test Mode :TX B Mode_CH01/06/11_Total

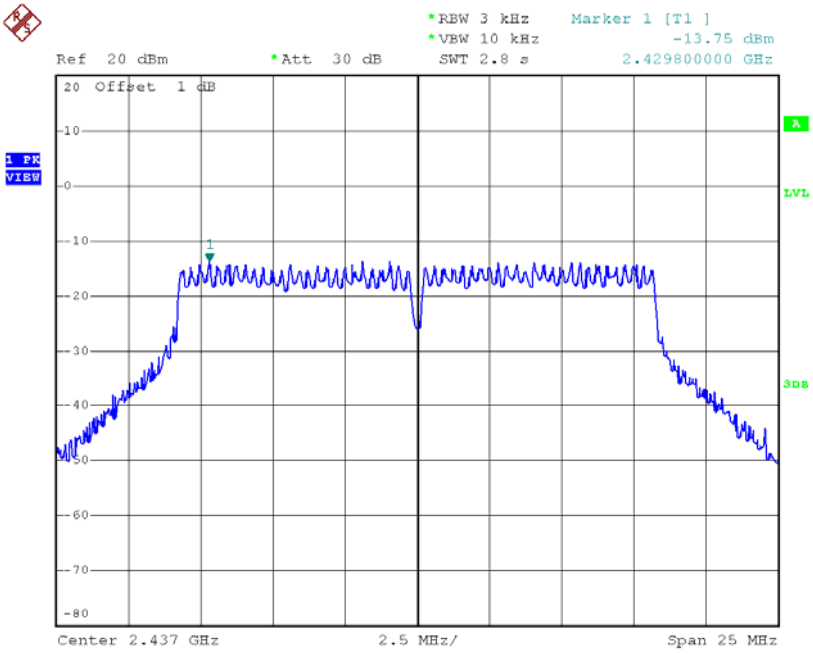
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.75	0.1060	8.00	Complies
2437	-10.07	0.0985	8.00	Complies
2462	-10.13	0.0970	8.00	Complies

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	-16.91	0.0204	8.00	Complies
2437	-13.75	0.0422	8.00	Complies
2462	-17.66	0.0171	8.00	Complies

TX CH01

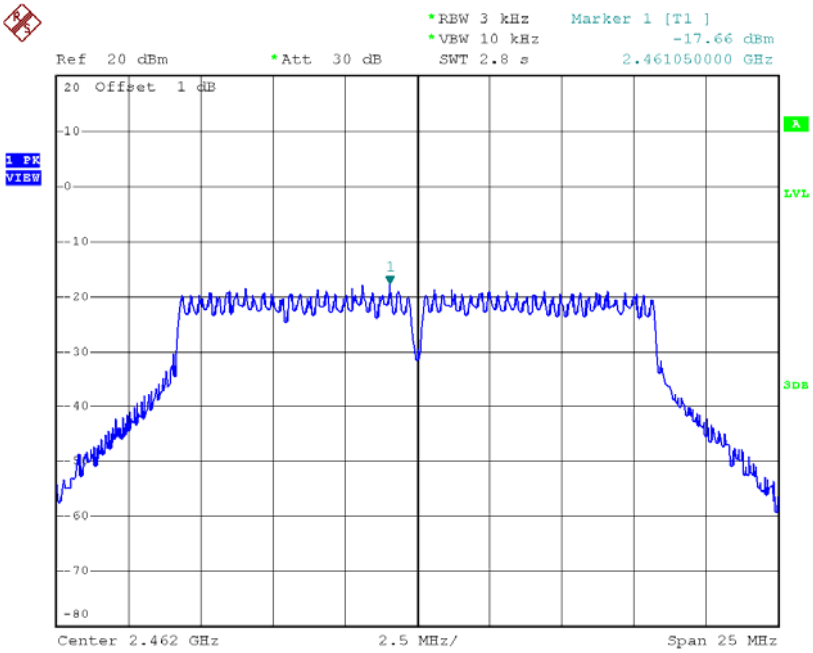


TX CH06



Date: 23.MAY.2016 15:00:32

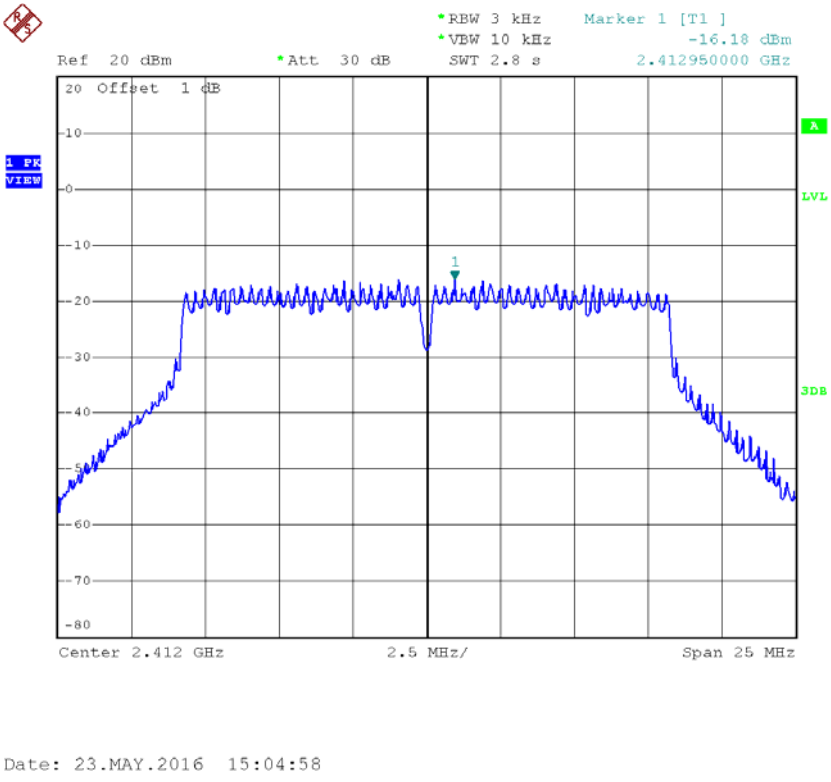
TX CH11



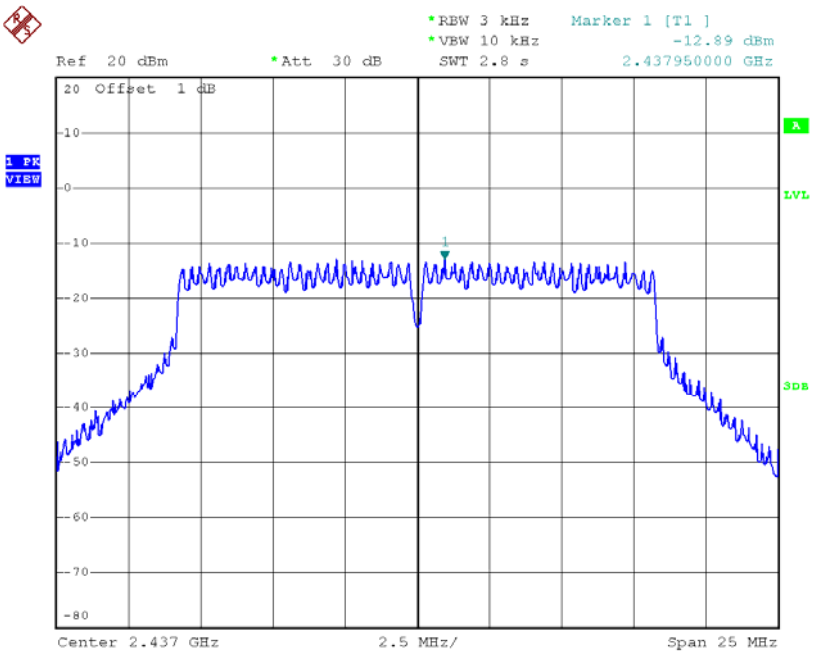
Date: 23.MAY.2016 15:02:37

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	-16.18	0.0241	8.00	Complies
2437	-12.89	0.0514	8.00	Complies
2462	-17.86	0.0164	8.00	Complies

TX CH01

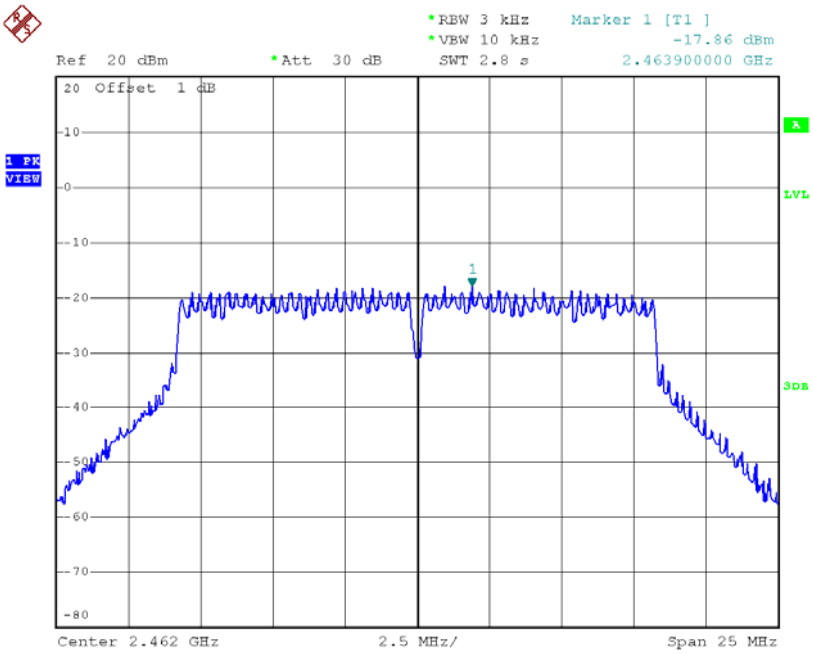


TX CH06



Date: 23.MAY.2016 15:06:52

TX CH11



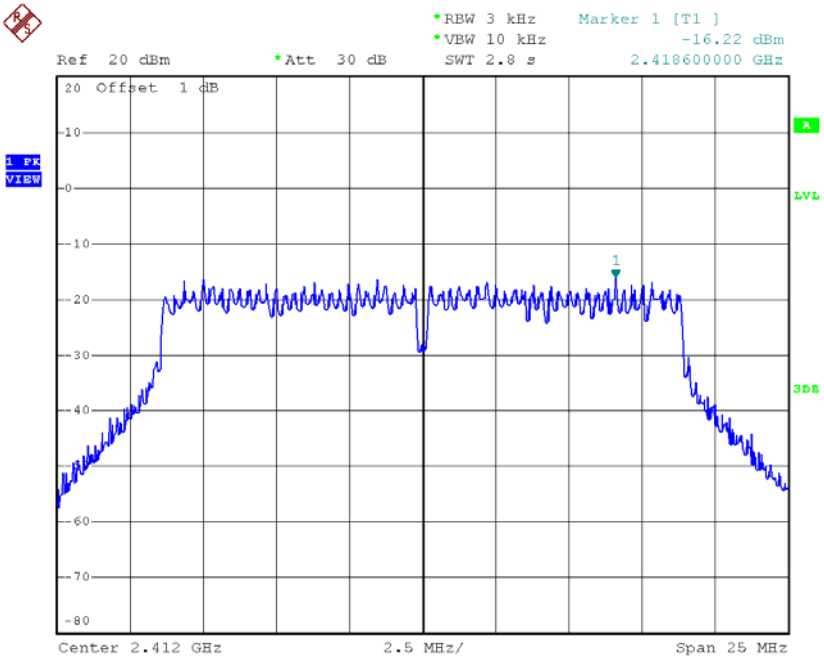
Date: 23.MAY.2016 15:09:01

Test Mode :TX G Mode_CH01/06/11_Total				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.52	0.0445	8.00	Complies
2437	-10.29	0.0936	8.00	Complies
2462	-14.75	0.0335	8.00	Complies

Test Mode : TX N-20M Mode_CH01/06/11_ANT 1

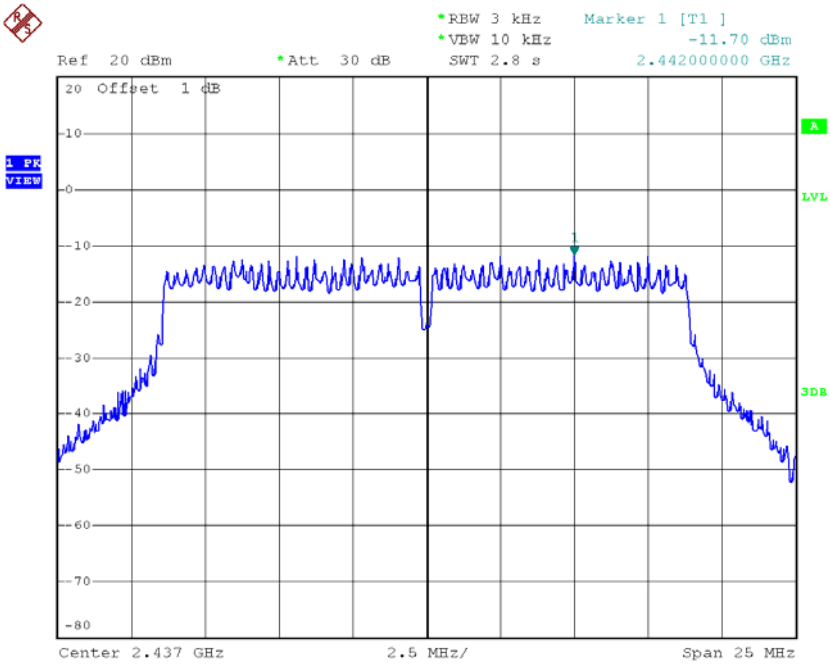
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.22	0.0239	8.00	Complies
2437	-11.70	0.0676	8.00	Complies
2462	-15.55	0.0279	8.00	Complies

TX CH01



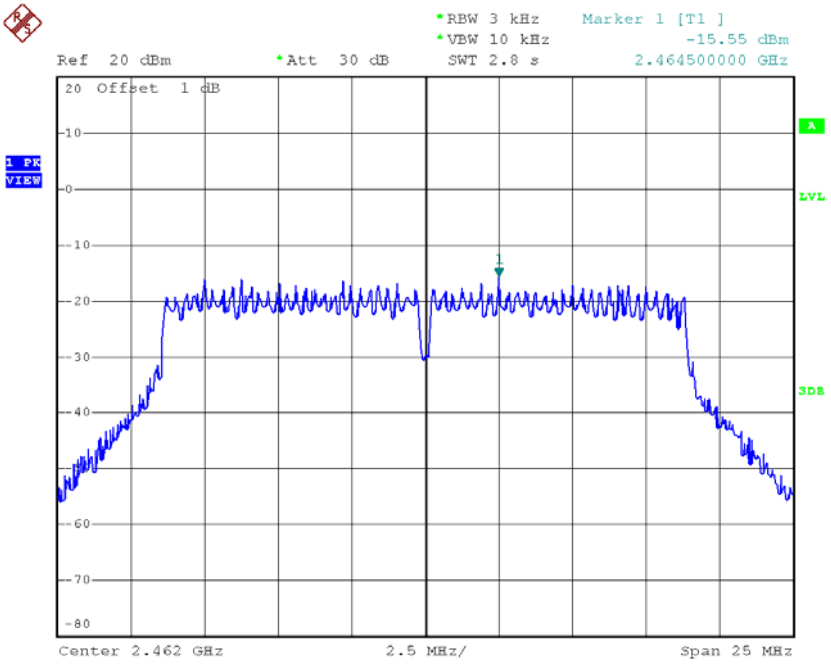
Date: 23.MAY.2016 15:12:14

TX CH06



Date: 23.MAY.2016 15:14:06

TX CH11

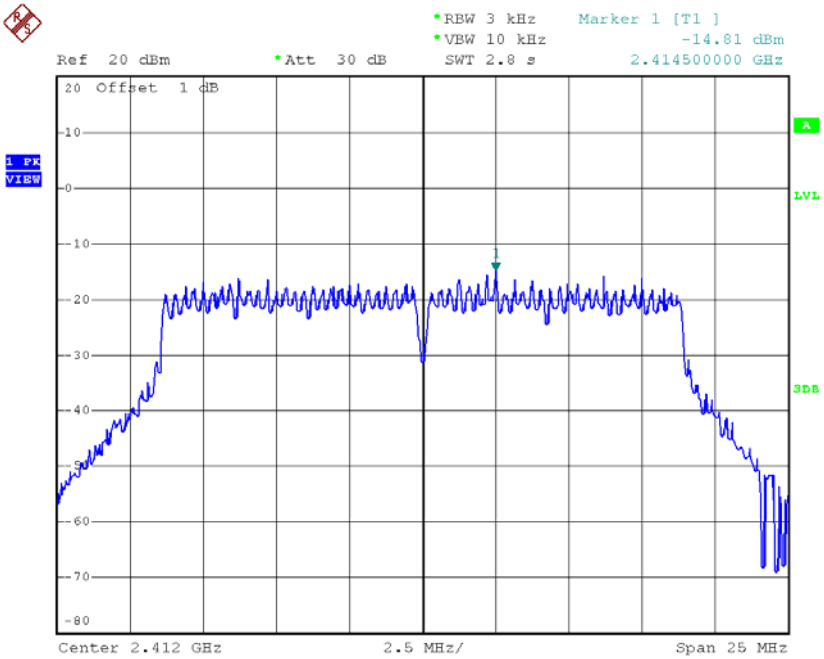


Date: 23.MAY.2016 15:17:37

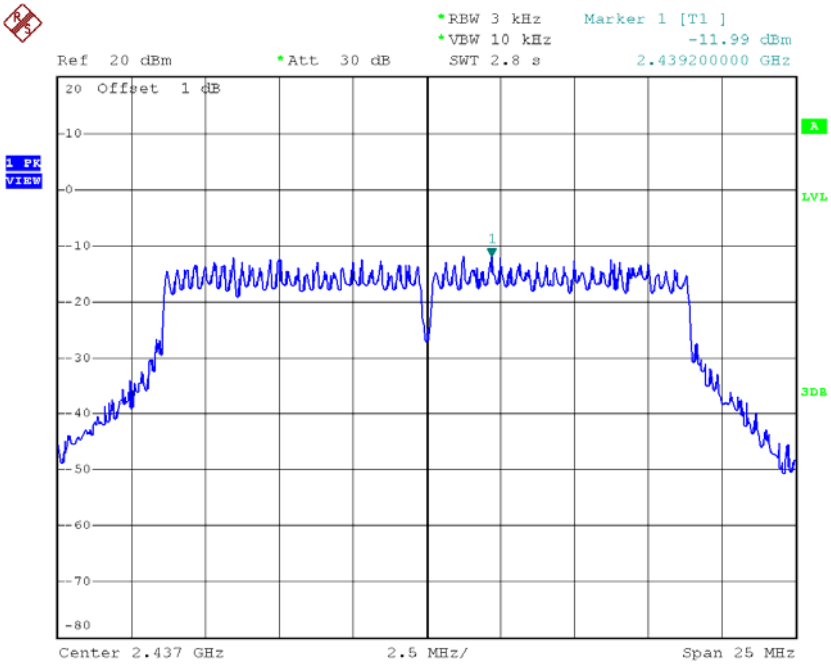
Test Mode : TX N-20M Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.81	0.0330	8.00	Complies
2437	-11.99	0.0632	8.00	Complies
2462	-15.45	0.0285	8.00	Complies

TX CH01

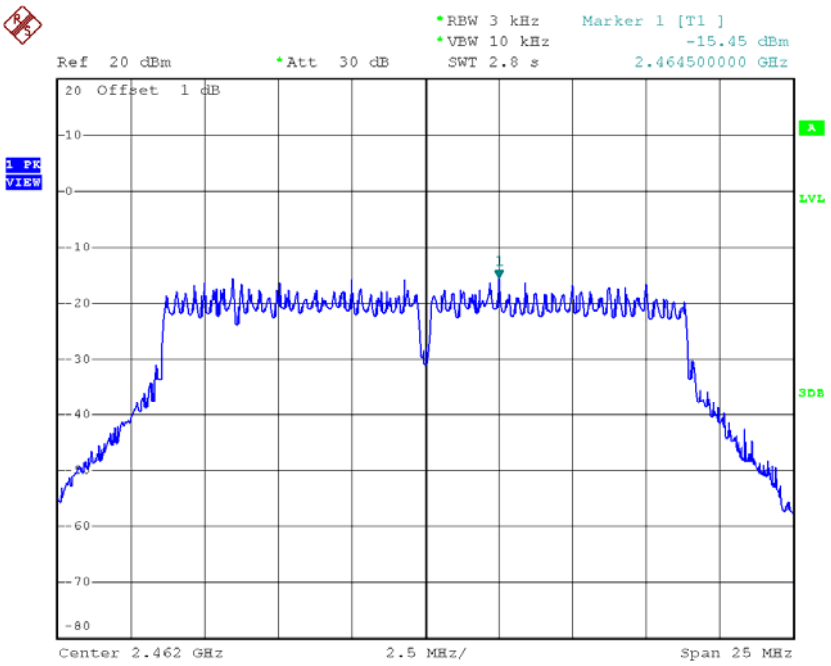


TX CH06



Date: 23.MAY.2016 15:19:57

TX CH11

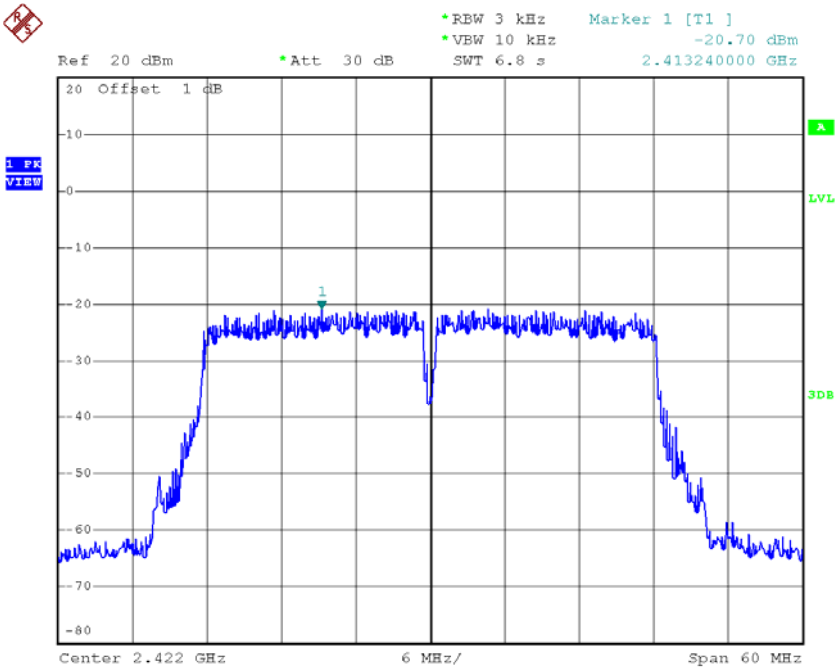


Date: 23.MAY.2016 15:21:20

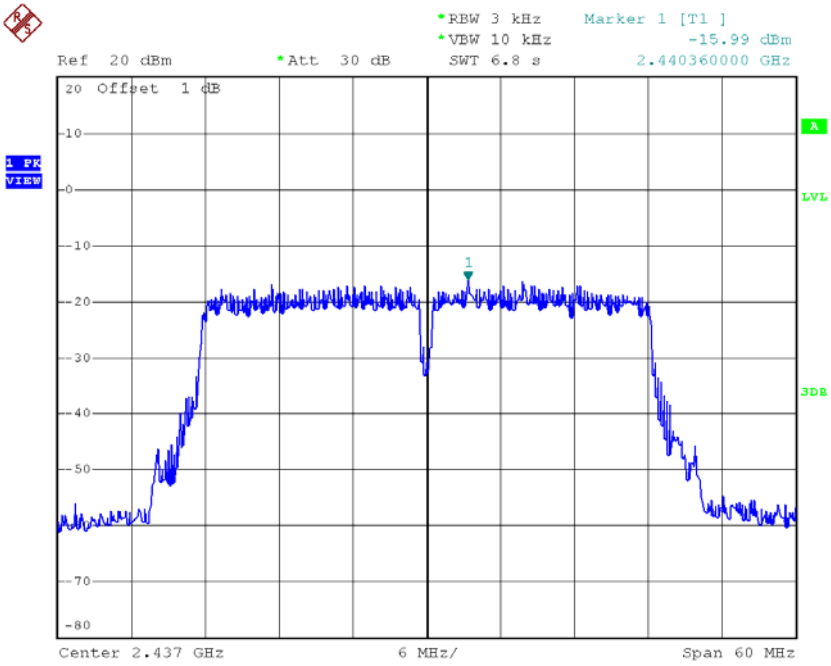
Test Mode : TX N-20M Mode_CH01/06/11_Total				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.45	0.0569	8.00	Complies
2437	-8.83	0.1308	8.00	Complies
2462	-12.49	0.0564	8.00	Complies

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	-20.70	0.0085	8.00	Complies
2437	-15.99	0.0252	8.00	Complies
2452	-19.32	0.0117	8.00	Complies

TX CH03

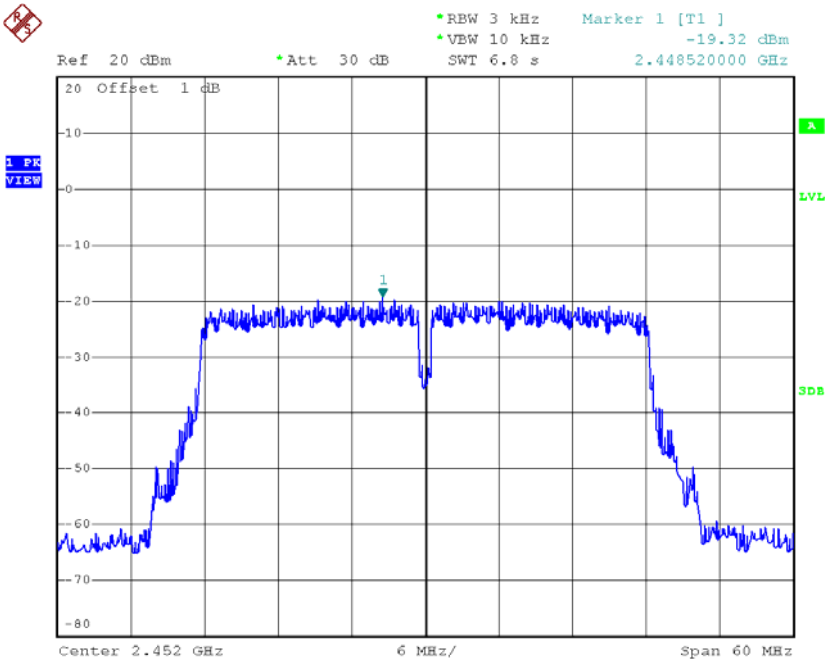


TX CH06



Date: 23.MAY.2016 15:55:06

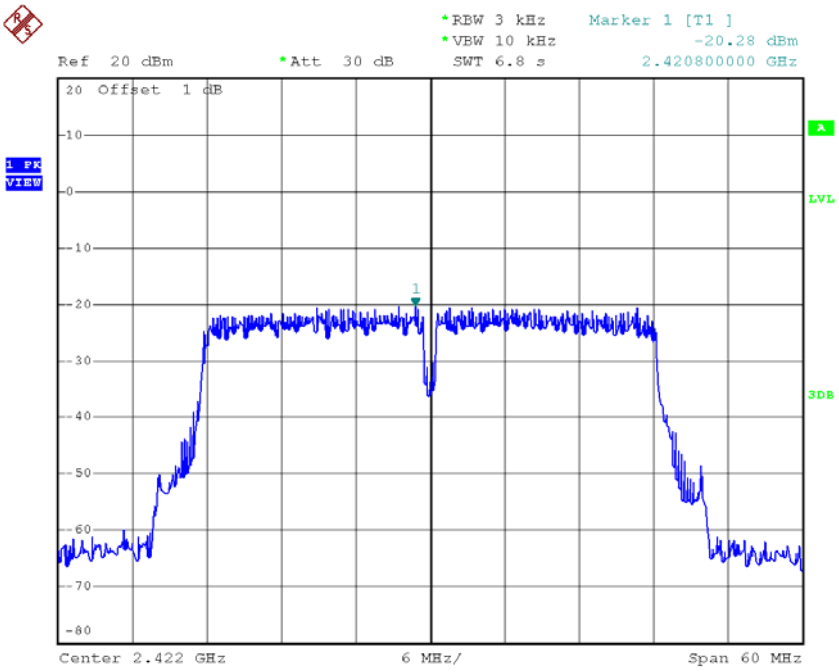
TX CH09



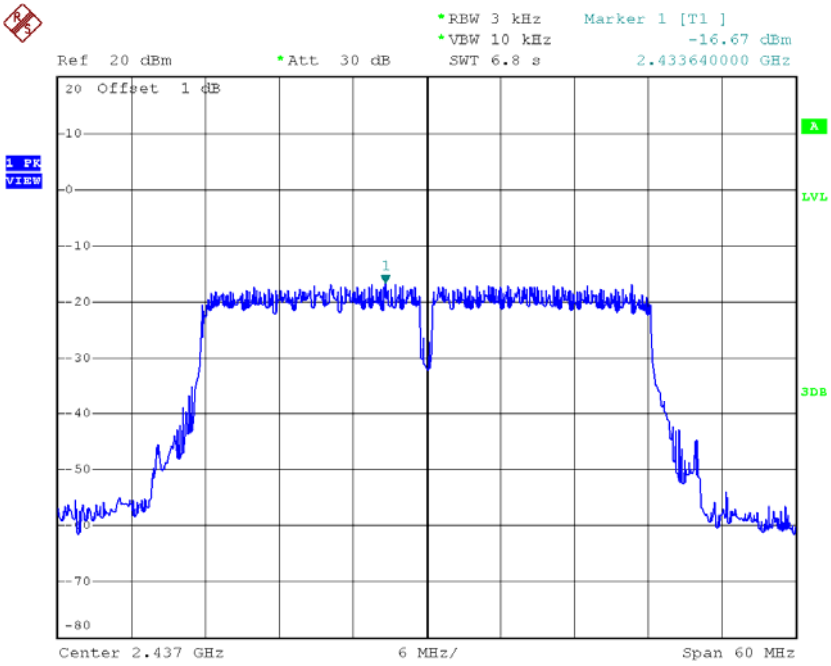
Date: 23.MAY.2016 15:57:17

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	-20.28	0.0094	8.00	Complies
2437	-16.67	0.0215	8.00	Complies
2452	-19.89	0.0103	8.00	Complies

TX CH03

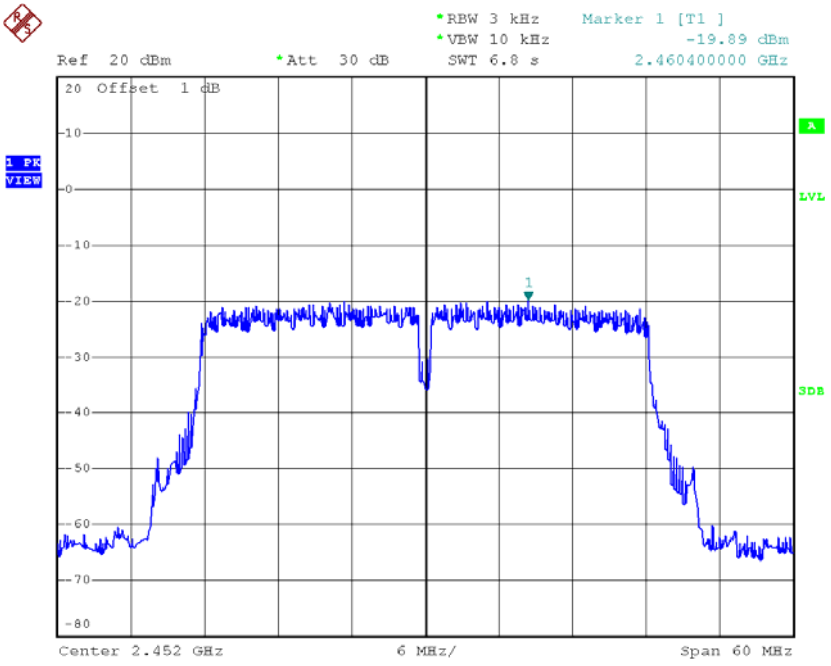


TX CH06



Date: 23.MAY.2016 16:00:14

TX CH09



Date: 23.MAY.2016 16:01:29

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	-17.47	0.0179	8.00	Complies
2437	-13.31	0.0467	8.00	Complies
2452	-16.58	0.0220	8.00	Complies