

FCC Radio Test Report

FCC ID: QISAP4050DN-HD

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

Project No. : 1605C043A
Equipment : Wireless LAN Access Point
Model Name : AP4050DN-HD
Applicant : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China

Date of Receipt : May. 18, 2016
Date of Test : May. 18, 2016 ~ Jun. 16, 2016
Issued Date : Jun. 17, 2016
Tested by : BTL Inc.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1605C043A	Original Issue.	Jun. 17, 2016

1. CERTIFICATION

Equipment : Wireless LAN Access Point
Brand Name : HUAWEI
Model Name : AP4050DN-HD
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen
518129, P.R.China
Factory : Huawei Technologies Co.,Ltd.
Address : Huawei Base, Bantian, Longgang District, Shenzhen 518129, P.R.China
Date of Test : May. 18, 2016 ~ Jun. 16, 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-1-1605C043A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 2.4GHz WIFI Part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C				
Standard(s) Section		Test Item	Judgment	Remark
15.207		Conducted Emission	PASS	
15.247(d)		Antenna conducted Spurious Emission	PASS	
15.247(a)(2)		6dB Bandwidth	PASS	
15.247(b)(3)		Peak Output Power	PASS	
15.247(e)		Power Spectral Density	PASS	
15.203		Antenna Requirement	PASS	
15.209/15.205		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 $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP4050DN-HD	
Model Difference	NA	
Power Source	#1 DC voltage supplied from AC Adapter. Model: HW-120200U1W #2 Supplied from PoE. Model: PoE35-54A	
Power Rating	DC 12V 2A	
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
	Conducted AVG (Max.) – For 1TX	802.11b: 20.43dBm 802.11g: 21.03dBm 802.11n(20MHz): 21.26dBm 802.11n(40MHz): 20.21dBm
	Conducted AVG (Max.) – For 2TX	802.11b: 21.78dBm 802.11g: 21.75dBm 802.11n(20MHz): 21.61dBm 802.11n(40MHz): 21.61dBm
	Conducted AVG (Max.) – For 2TX with Beamforming	802.11n (20MHz): 19.39 dBm 802.11n (40MHz): 20.20 dBm

Note:

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

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

3. Table for Filed Antenna

For 1TX

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ShengLu	SL12006A	intel	N/A	13.67

Note:

Antenna Gain=13.67 dBi. So, the out power limit is $30-13.67+6=22.33$, the power density limit is $8-13.67+6=0.33$.

For 2TX

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ShengLu	SL12006A	intel	N/A	13.67
2	ShengLu	SL12006A	intel	N/A	13.67

Note:

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

Direction gain = G_{ANT} , that is Directional gain=13.67.

the out power limit is $30-13.67+6=22.33$, the power density limit is $8-13.67+6=0.33$.

Remark:

For 2TX with beamforming

The EUT with beamforming function, then, Direction gain = $G_{ANT} + 10\log(N_{ANT}/N_{SS})$, where N_{SS} = the number of independent spatial streams of data.

Directional gain= $13.67+10\log(2/2)=13.67 - 0 = 13.67$ dBi.

3.2 DESCRIPTION OF TEST MODES

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

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

Note:

- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: BPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (6.5Mbps)
802.11n HT40 mode : BPSK (13Mbps)
For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle 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

For 1T1R

Test software version	QRCT		
Frequency (MHz)	2412	2437	2462
802.11b	17	20	17
802.11g	17	20	17
802.11n (20MHz)	17	20	17
Frequency	2422	2437	2452
802.11n (40MHz)	17	19	17

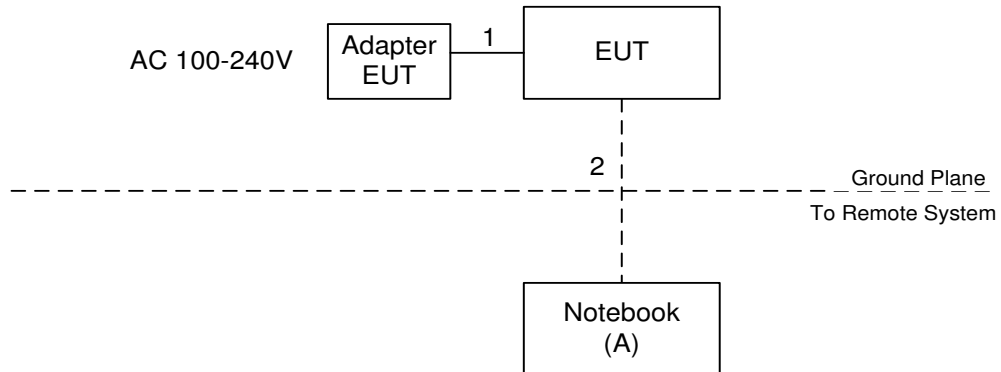
For 2T2R

Test software version	QRCT		
Frequency (MHz)	2412	2437	2462
802.11b	14	19	14
802.11g	14	19	14
802.11n (20MHz)	14	19	14
Frequency	2422	2437	2452
802.11n (40MHz)	14	19	14

For 2T2R With Beamforming

Test software version	QRCT		
Frequency (MHz)	2412	2437	2462
802.11n (20MHz)	11	16	11
Frequency	2422	2437	2452
802.11n (40MHz)	11	16	11

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	DELL	745	DOC	G7K832X

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	DC Cable
2	NO	NO	10m	RJ-45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average□
0.15 -0.50	66 to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

Note:

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

The following table is the setting of the receiver

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

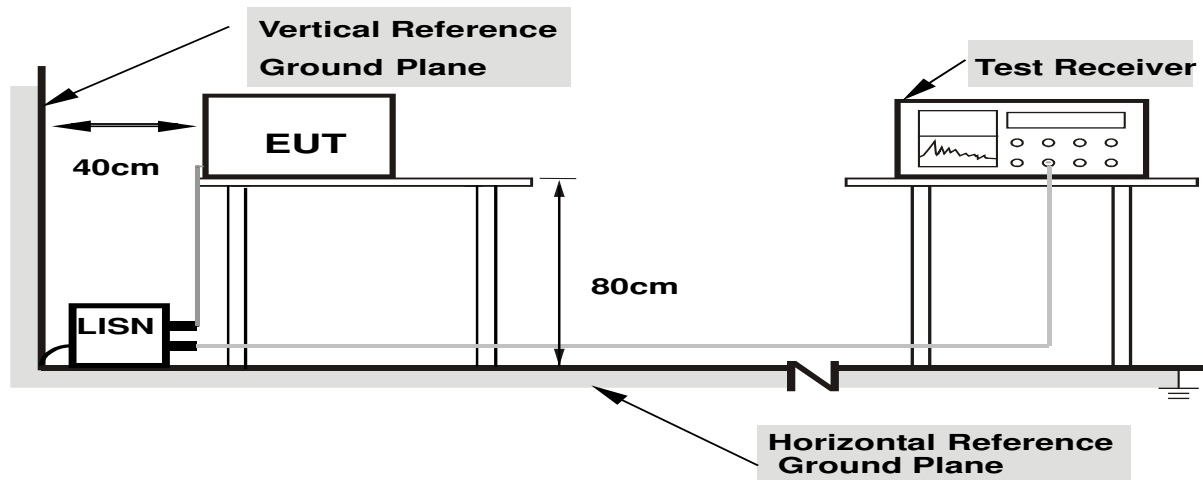
4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



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

4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

LIMITS OF RADIATED EMISSION MEASUREMENT (9KHz-1000MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

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

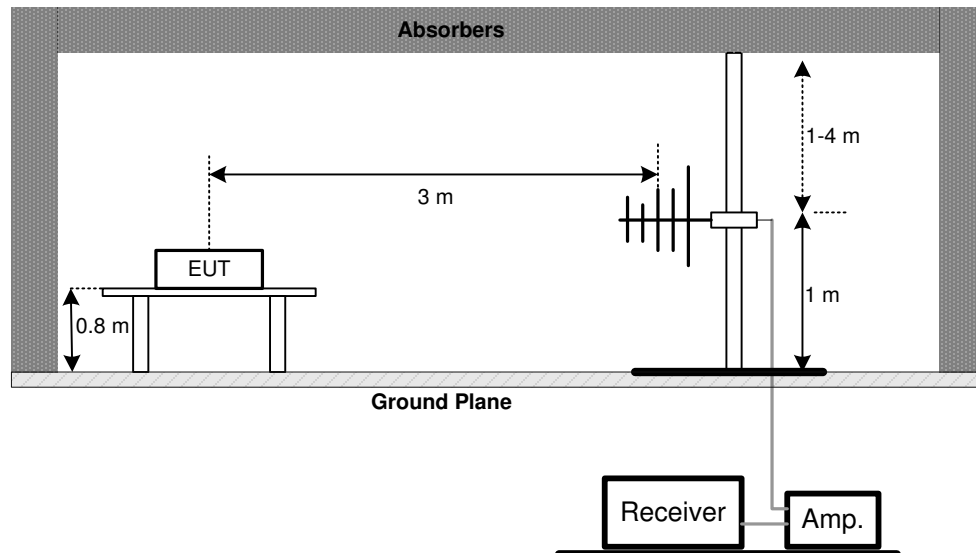
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

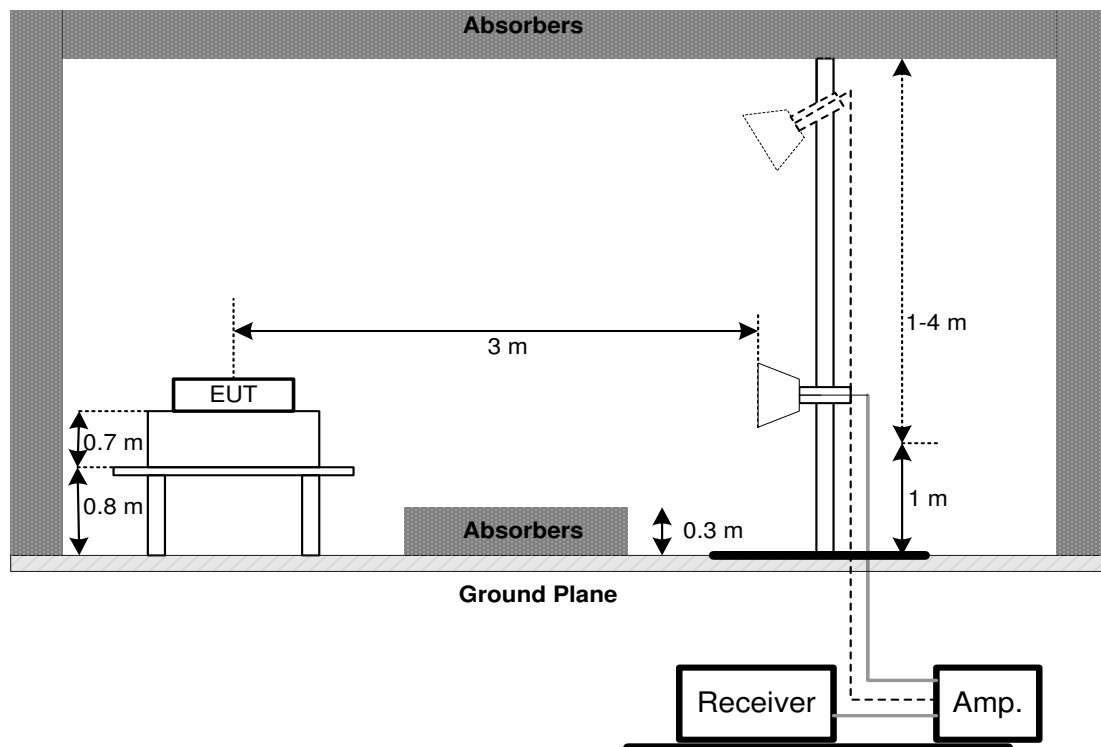
No deviation

4.2.4 TEST SETUP

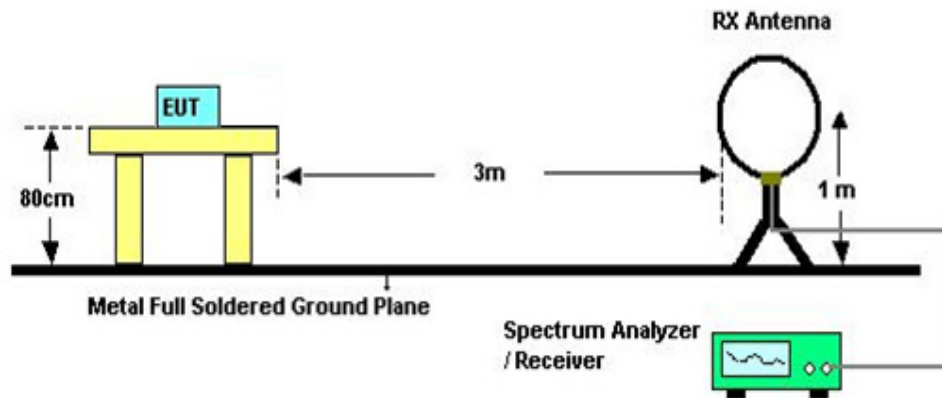
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

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

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

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

5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance v03r05.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

7.1.1 TEST PROCEDURE

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	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	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Antenna	ETS	3115	00075789	Mar. 27, 2017
9	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
10	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
11	Test Cable	emci	EMC104-SM-SM-10000(1GHz-26.5GHz)	C-68	Jun. 28, 2016
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

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	power Meter	ANRITSU	ML2495A	1128009	Apr. 26, 2017
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Apr. 26, 2017

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

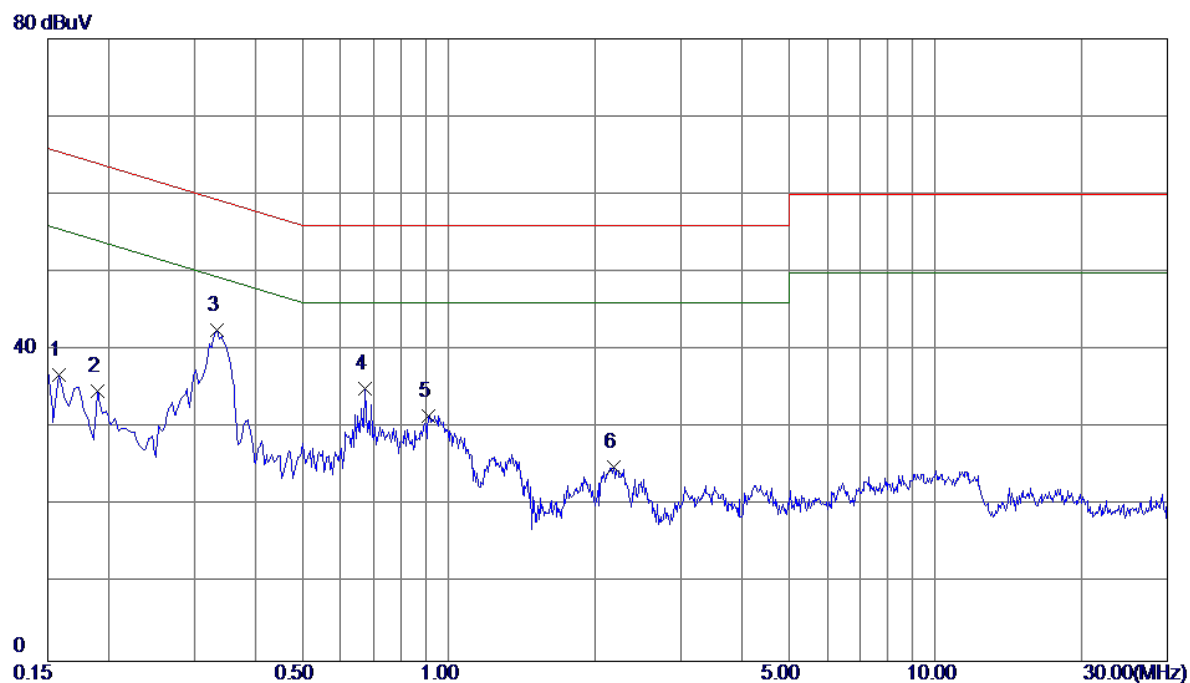
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode : Normal Link

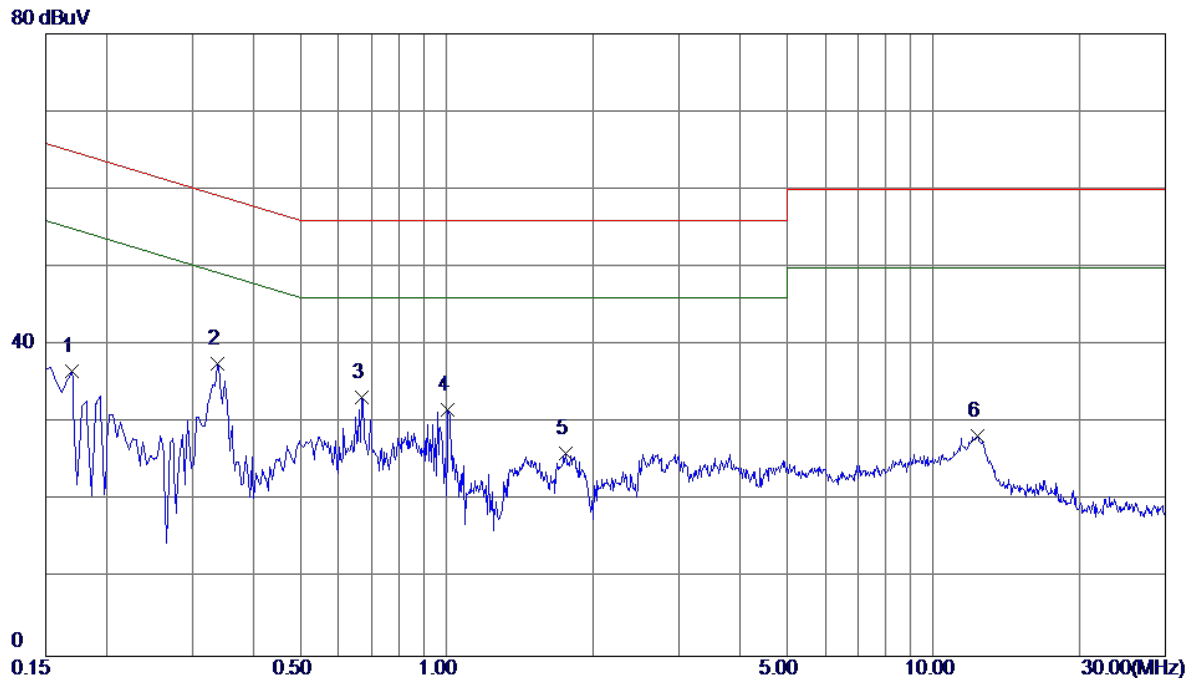
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1580	27.26	9.52	36.78	65.57	-28.79	Peak	
2	0.1900	25.24	9.53	34.77	64.04	-29.27	Peak	
3 *	0.3339	32.97	9.53	42.50	59.35	-16.85	Peak	
4	0.6740	25.39	9.65	35.04	56.00	-20.96	Peak	
5	0.9100	21.82	9.76	31.58	56.00	-24.42	Peak	
6	2.1860	15.02	9.96	24.98	56.00	-31.02	Peak	

Test Mode : Normal Link

Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1700	27.26	9.42	36.68	64.96	-28.28	Peak	
2 *	0.3379	28.14	9.53	37.67	59.25	-21.58	Peak	
3	0.6700	23.90	9.45	33.35	56.00	-22.65	Peak	
4	1.0060	21.98	9.66	31.64	56.00	-24.36	Peak	
5	1.7580	16.39	9.68	26.07	56.00	-29.93	Peak	
6	12.3220	17.93	10.33	28.26	60.00	-31.74	Peak	

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

Test Mode:	TX B MODE CHANNEL 01
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Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0127	0°	13.21	24.7623	37.9723	125.5282	-87.5558	AVG
0.0127	0°	14.74	24.7623	39.5023	145.5282	-106.0258	PEAK
0.0237	0°	6.43	24.0657	30.4957	120.1093	-89.6136	AVG
0.0237	0°	8.63	24.0657	32.6957	140.1093	-107.4136	PEAK
0.0381	0°	3.77	23.1537	26.9237	115.9857	-89.0621	AVG
0.0381	0°	5.24	23.1537	28.3937	135.9857	-107.5921	PEAK
0.0542	0°	1.43	22.3160	23.7460	112.9242	-89.1782	AVG
0.0542	0°	2.57	22.3160	24.8860	132.9242	-108.0382	PEAK
0.5001	0°	19.06	19.8003	38.8603	73.6231	-34.7628	QP
1.9529	0°	23.71	19.5047	43.2147	69.5400	-26.3253	QP

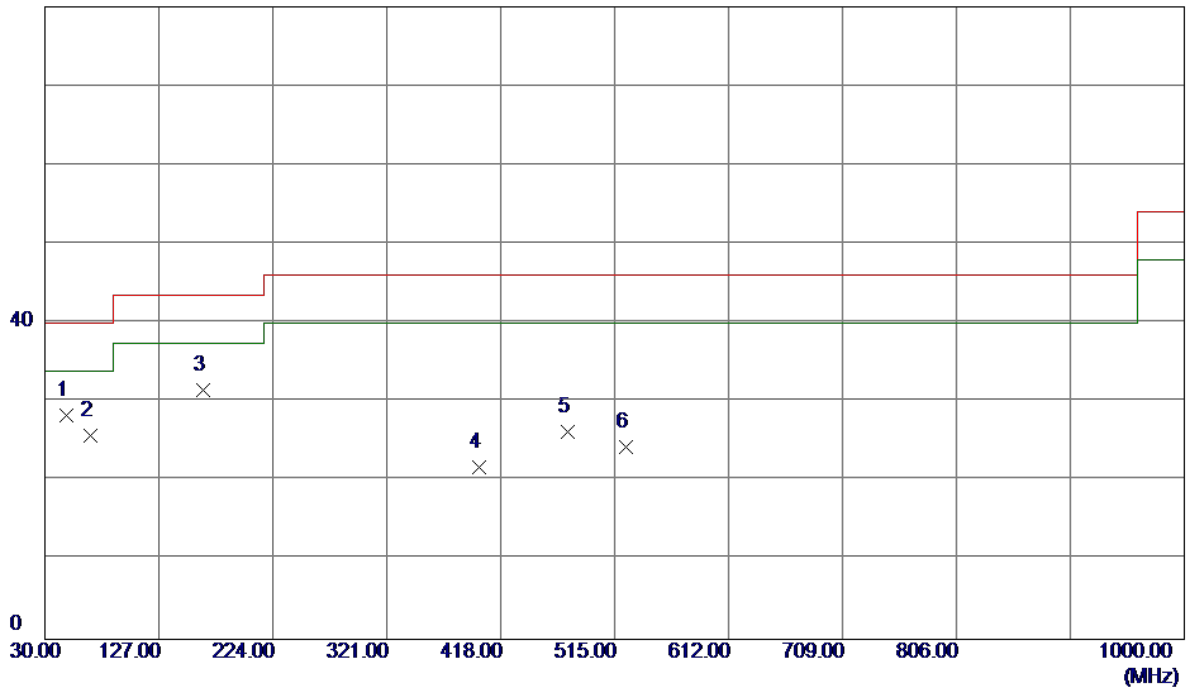
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0116	90°	13.15	24.3000	37.4500	126.3151	-88.8651	AVG
0.0116	90°	14.03	24.3000	38.3300	146.3151	-107.9851	PEAK
0.0254	90°	7.24	23.9580	31.1980	119.5076	-88.3096	AVG
0.0254	90°	8.34	23.9580	32.2980	139.5076	-107.2096	PEAK
0.0457	90°	5.33	22.6723	28.0023	114.4059	-86.4036	AVG
0.0457	90°	6.97	22.6723	29.6423	134.4059	-104.7636	PEAK
0.0561	90°	1.79	22.2780	24.0680	112.6250	-88.5570	AVG
0.0561	90°	2.31	22.2780	24.5880	132.6250	-108.0370	PEAK
0.6283	90°	22.01	20.2106	42.2206	71.6409	-29.4203	QP
2.0562	90°	24.65	19.4663	44.1163	69.5400	-25.4237	QP

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

Test Mode: TX B MODE CHANNEL 01

Vertical

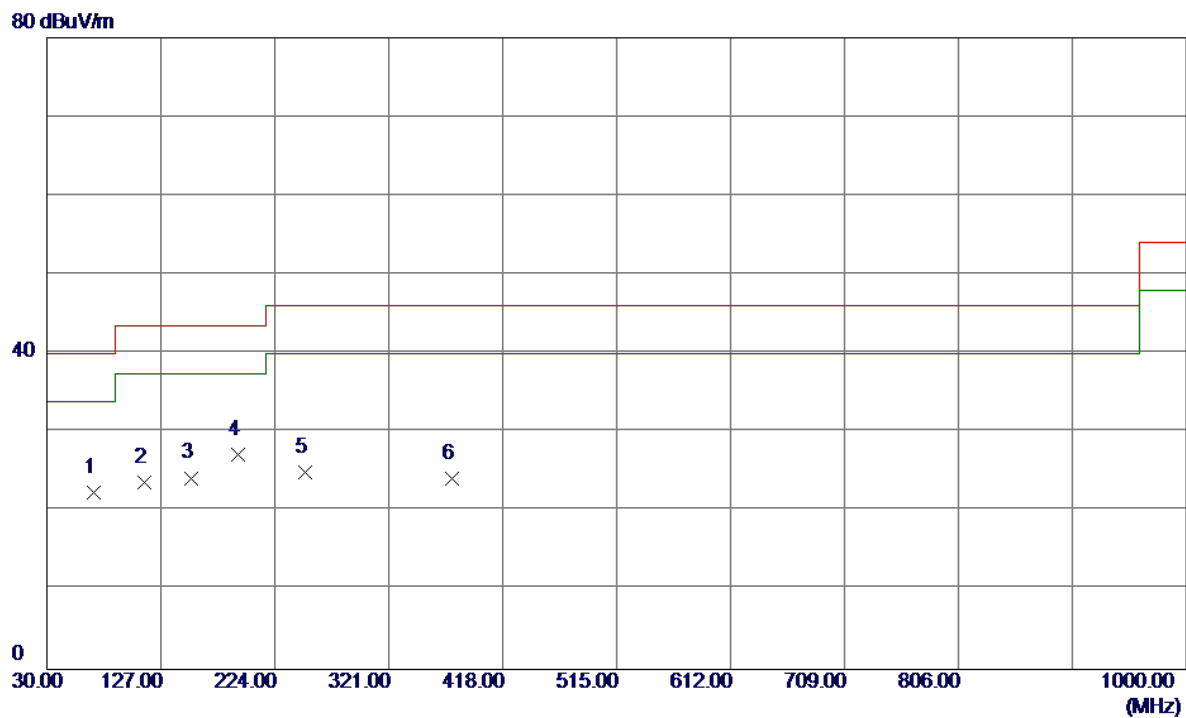
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	47.9450	41.32	-12.97	28.35	40.00	-11.65	Peak	
2	69.2850	42.04	-16.26	25.78	40.00	-14.22	Peak	
3	164.8300	43.77	-12.25	31.52	43.50	-11.98	Peak	
4	400.0550	29.99	-8.27	21.72	46.00	-24.28	Peak	
5	475.2300	35.67	-9.49	26.18	46.00	-19.82	Peak	
6	525.1850	32.08	-7.81	24.27	46.00	-21.73	Peak	

Test Mode: TX B MODE CHANNEL 01

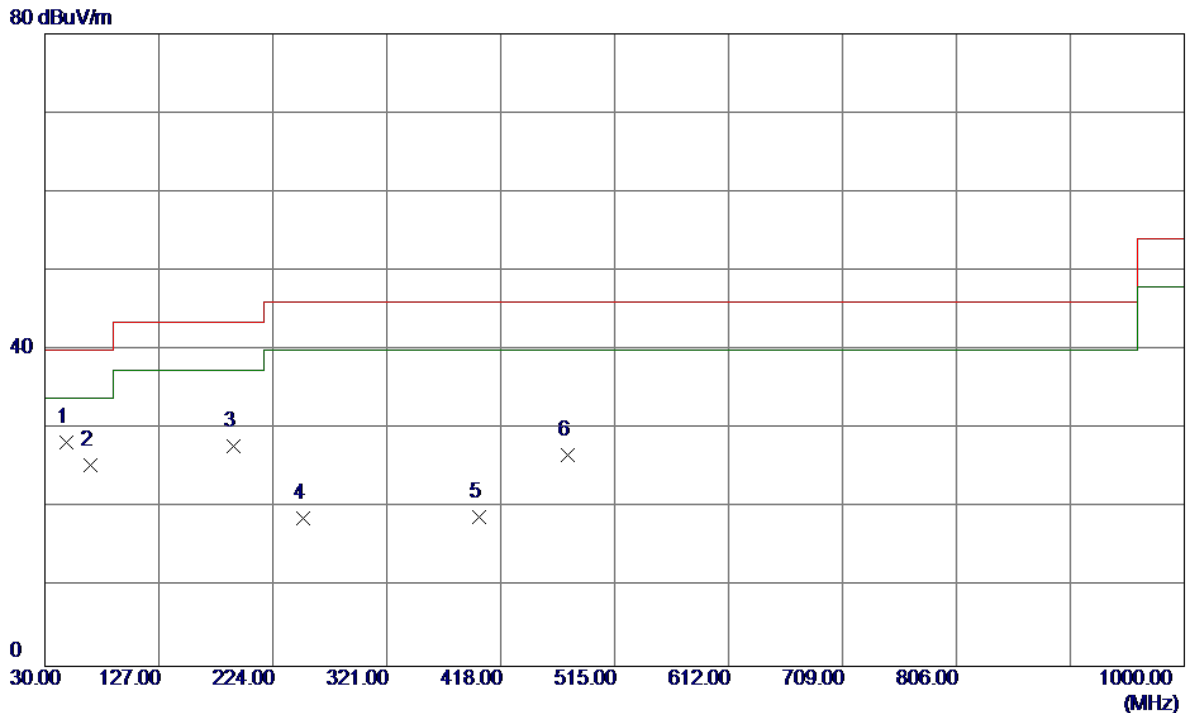
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	70.2550	38.90	-16.46	22.44	40.00	-17.56	Peak	
2	112.9350	38.02	-14.29	23.73	43.50	-19.77	Peak	
3	153.1900	36.97	-12.73	24.24	43.50	-19.26	Peak	
4 *	192.9600	41.39	-14.18	27.21	43.50	-16.29	Peak	
5	250.1900	39.33	-14.40	24.93	46.00	-21.07	Peak	
6	374.8350	34.12	-9.95	24.17	46.00	-21.83	Peak	

Test Mode: TX B MODE CHANNEL 06

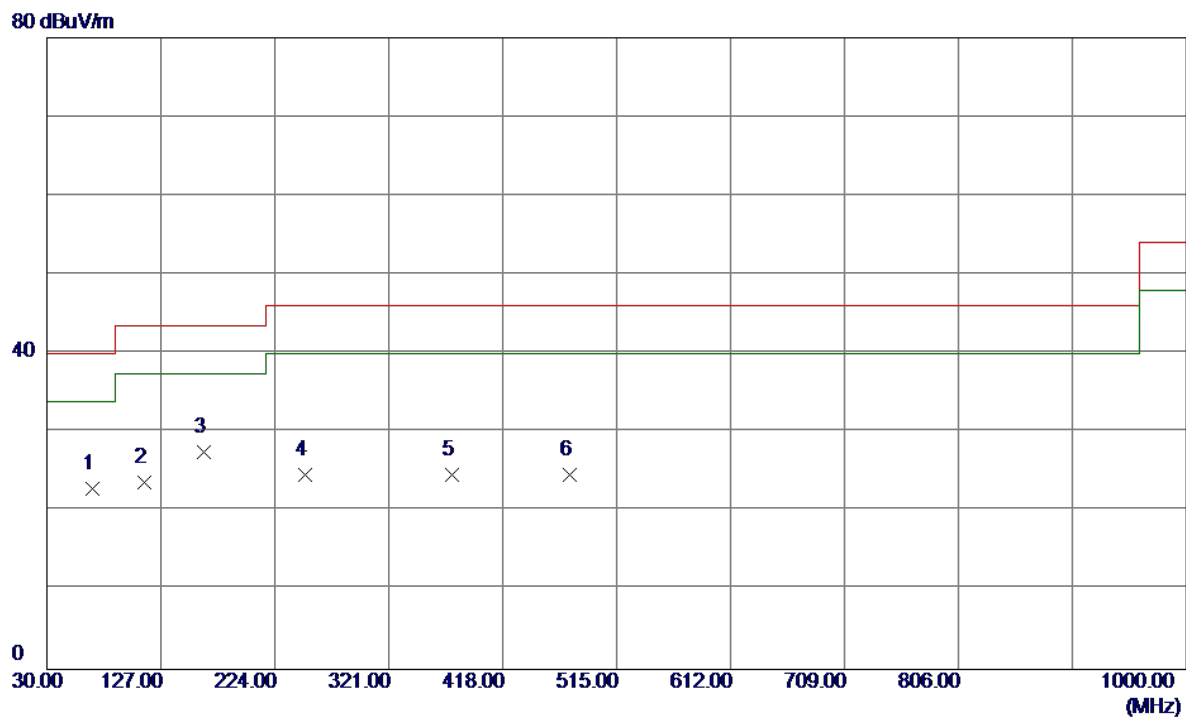
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	47.9450	41.22	-12.97	28.25	40.00	-11.75	Peak	
2	68.8000	41.50	-16.13	25.37	40.00	-14.63	Peak	
3	191.0200	41.92	-14.08	27.84	43.50	-15.66	Peak	
4	250.1900	33.17	-14.40	18.77	46.00	-27.23	Peak	
5	400.0550	27.12	-8.27	18.85	46.00	-27.15	Peak	
6	475.2300	36.25	-9.49	26.76	46.00	-19.24	Peak	

Test Mode: TX B MODE CHANNEL 06

Horizontal

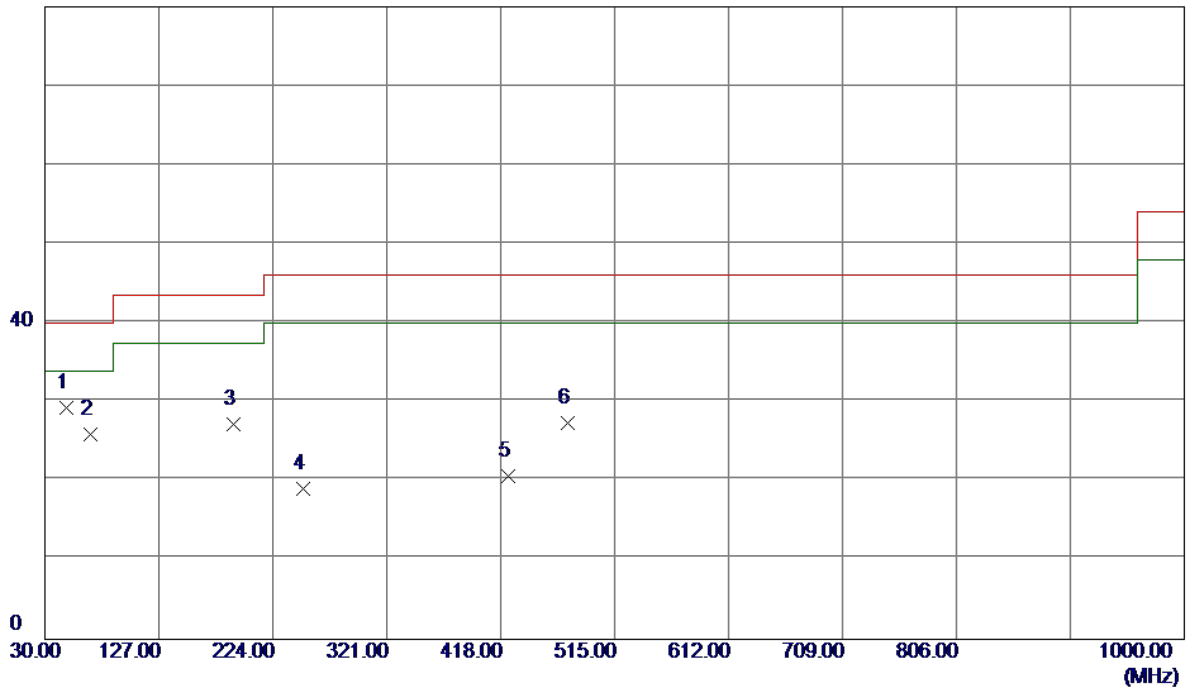


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	68.3150	38.95	-16.00	22.95	40.00	-17.05	Peak	
2	112.9350	38.03	-14.29	23.74	43.50	-19.76	Peak	
3 *	163.8600	39.74	-12.24	27.50	43.50	-16.00	Peak	
4	250.1900	39.02	-14.40	24.62	46.00	-21.38	Peak	
5	374.8350	34.65	-9.95	24.70	46.00	-21.30	Peak	
6	475.2300	34.10	-9.49	24.61	46.00	-21.39	Peak	

Test Mode: TX B MODE CHANNEL 11

Vertical

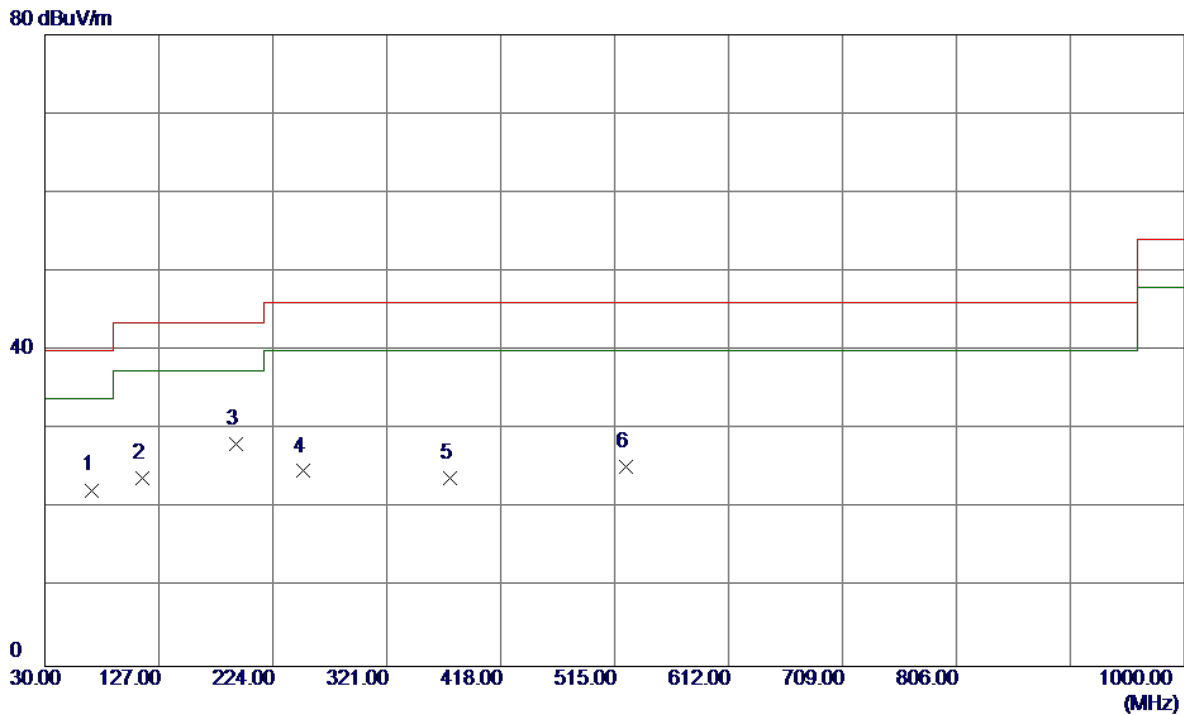
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	47.9450	42.28	-12.97	29.31	40.00	-10.69	Peak	
2	69.2850	42.14	-16.26	25.88	40.00	-14.12	Peak	
3	191.0200	41.31	-14.08	27.23	43.50	-16.27	Peak	
4	250.1900	33.42	-14.40	19.02	46.00	-26.98	Peak	
5	424.7900	28.99	-8.42	20.57	46.00	-25.43	Peak	
6	475.2300	36.91	-9.49	27.42	46.00	-18.58	Peak	

Test Mode:	TX B MODE CHANNEL 11
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Horizontal



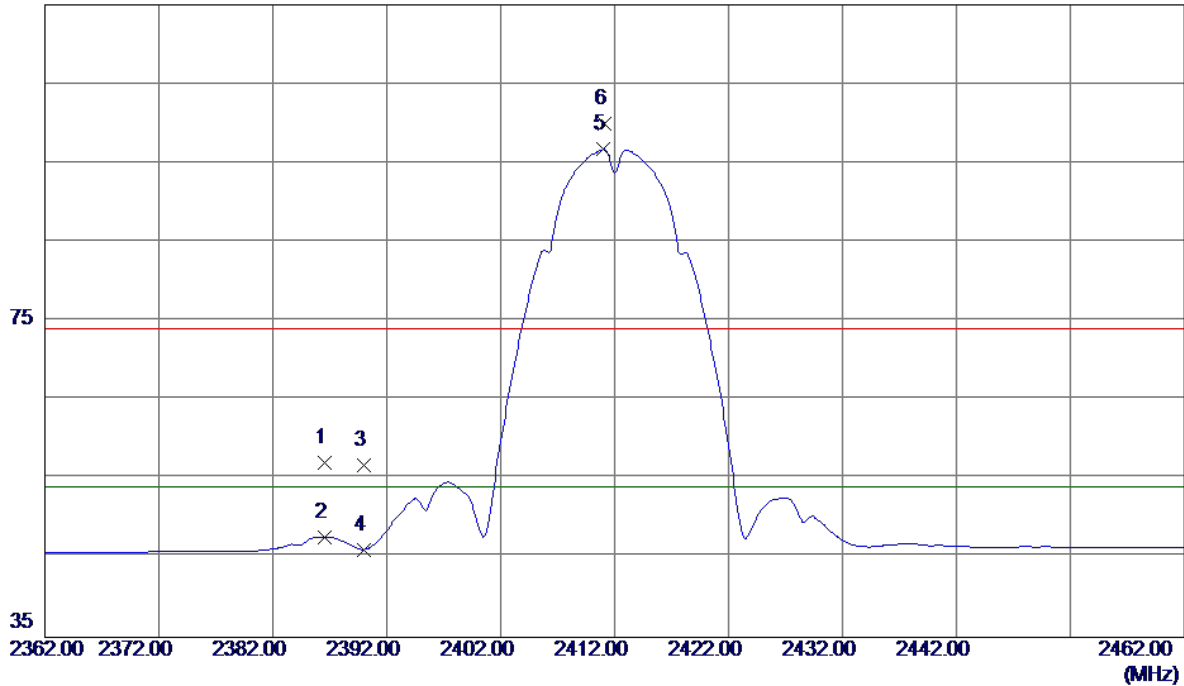
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	69.7699	38.71	-16.39	22.32	40.00	-17.68	Peak	
2	112.9350	38.15	-14.29	23.86	43.50	-19.64	Peak	
3 *	192.4750	42.28	-14.15	28.13	43.50	-15.37	Peak	
4	250.1900	39.12	-14.40	24.72	46.00	-21.28	Peak	
5	374.8350	33.77	-9.95	23.82	46.00	-22.18	Peak	
6	525.1850	33.14	-7.81	25.33	46.00	-20.67	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

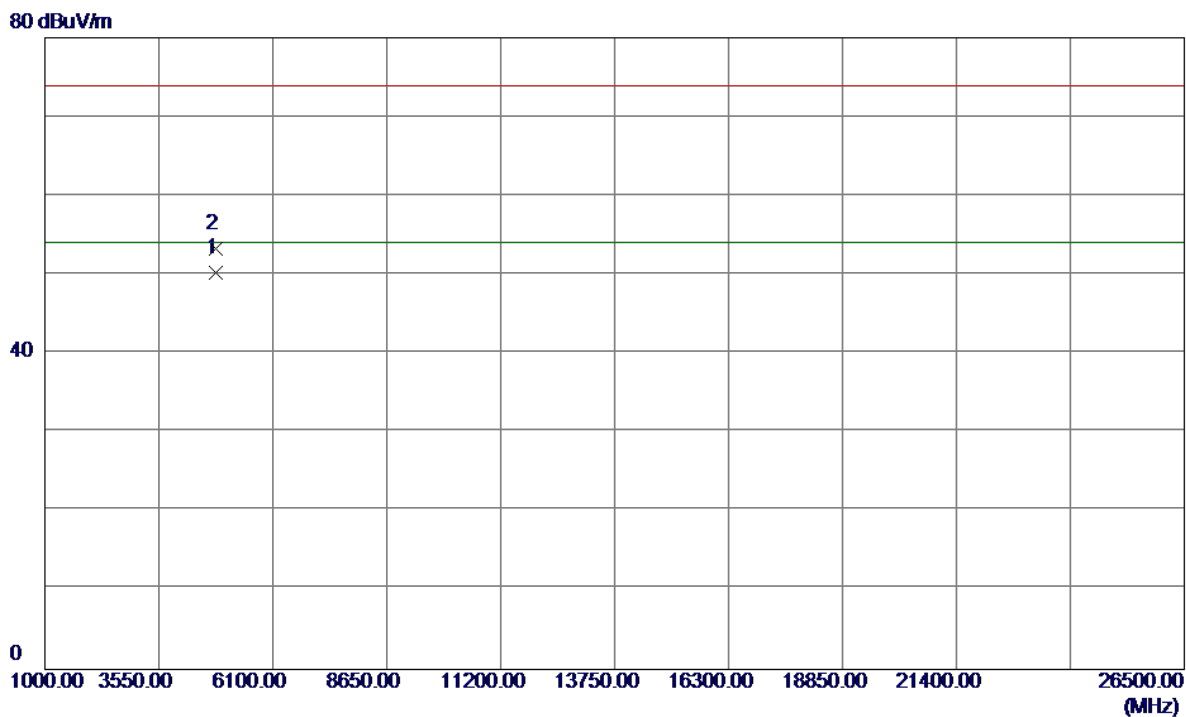
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.6000	24.35	32.75	57.10	74.00	-16.90	Peak	
2	2386.6000	14.94	32.75	47.69	54.00	-6.31	AVG	
3	2390.0000	23.92	32.77	56.69	74.00	-17.31	Peak	
4	2390.0000	13.33	32.77	46.10	54.00	-7.90	AVG	
5 *	2411.0000	63.93	32.85	96.78	54.00	42.78	AVG	NO LIMIT
6	2411.1000	67.17	32.85	100.02	74.00	26.02	Peak	NO LIMIT

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

Vertical

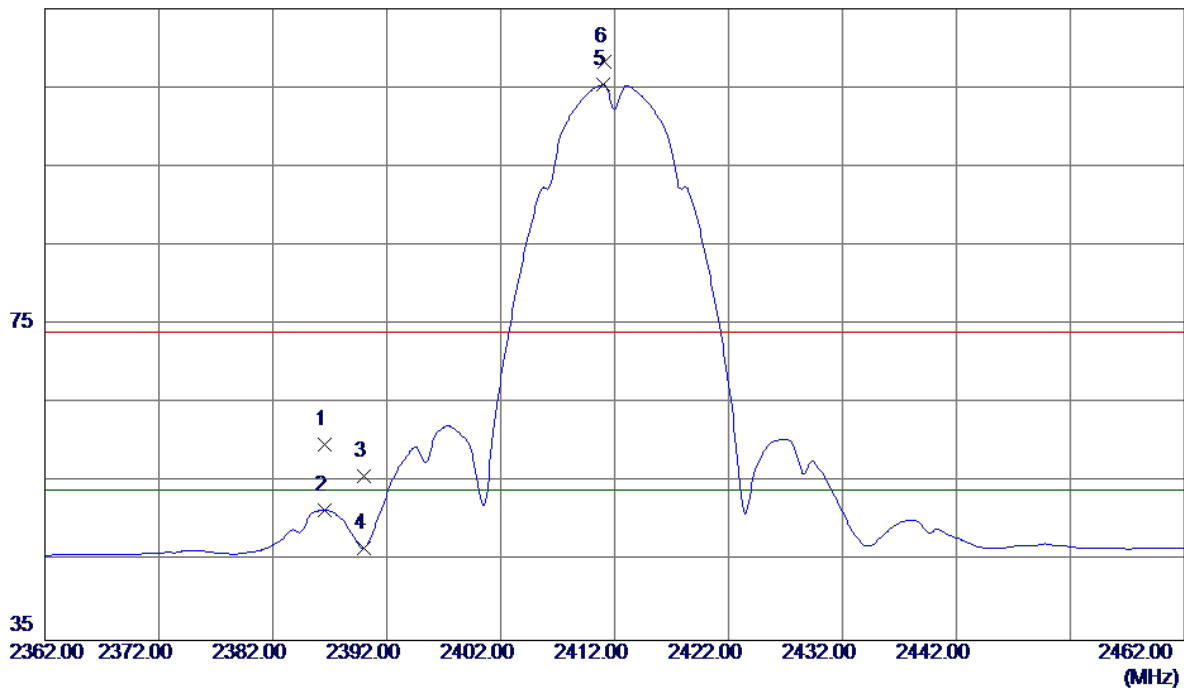


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.9600	45.48	4.69	50.17	54.00	-3.83	AVG	
2	4823.9800	48.57	4.69	53.26	74.00	-20.74	Peak	

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

Horizontal

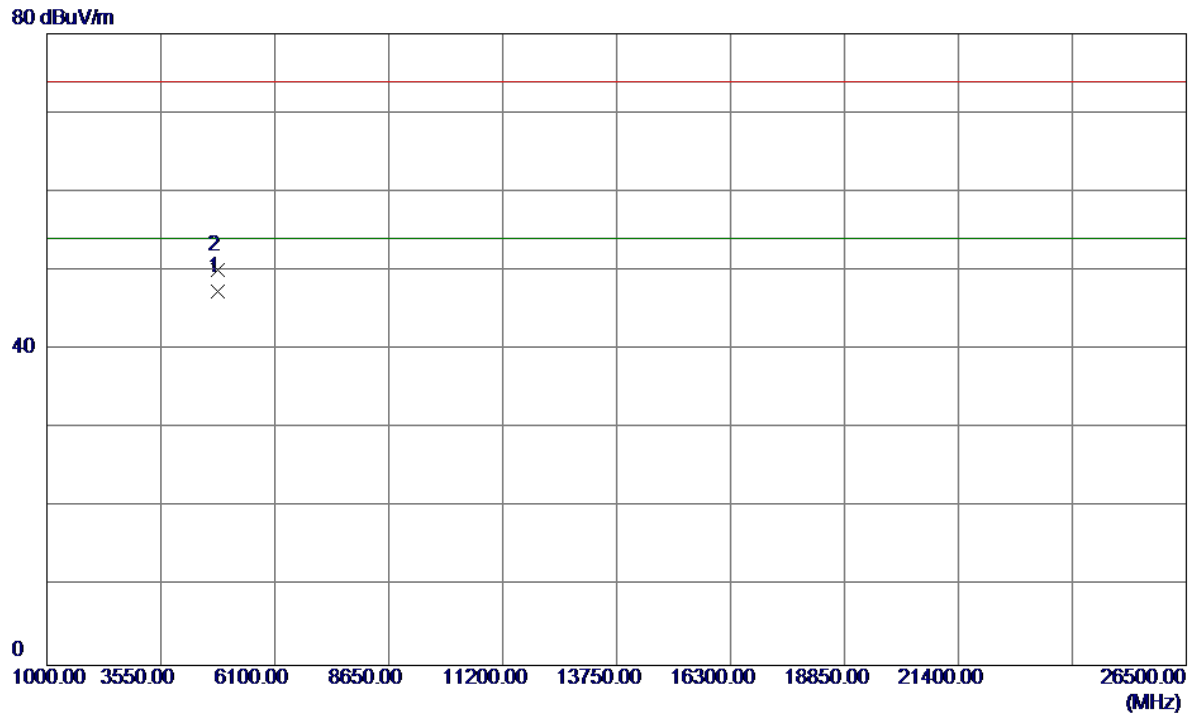
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.6000	27.02	32.75	59.77	74.00	-14.23	Peak	
2	2386.6000	18.73	32.75	51.48	54.00	-2.52	AVG	
3	2390.0000	23.08	32.77	55.85	74.00	-18.15	Peak	
4	2390.0000	13.95	32.77	46.72	54.00	-7.28	AVG	
5 *	2411.0000	72.56	32.85	105.41	54.00	51.41	AVG	NO LIMIT
6	2411.1500	75.38	32.85	108.23	74.00	34.23	Peak	NO LIMIT

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

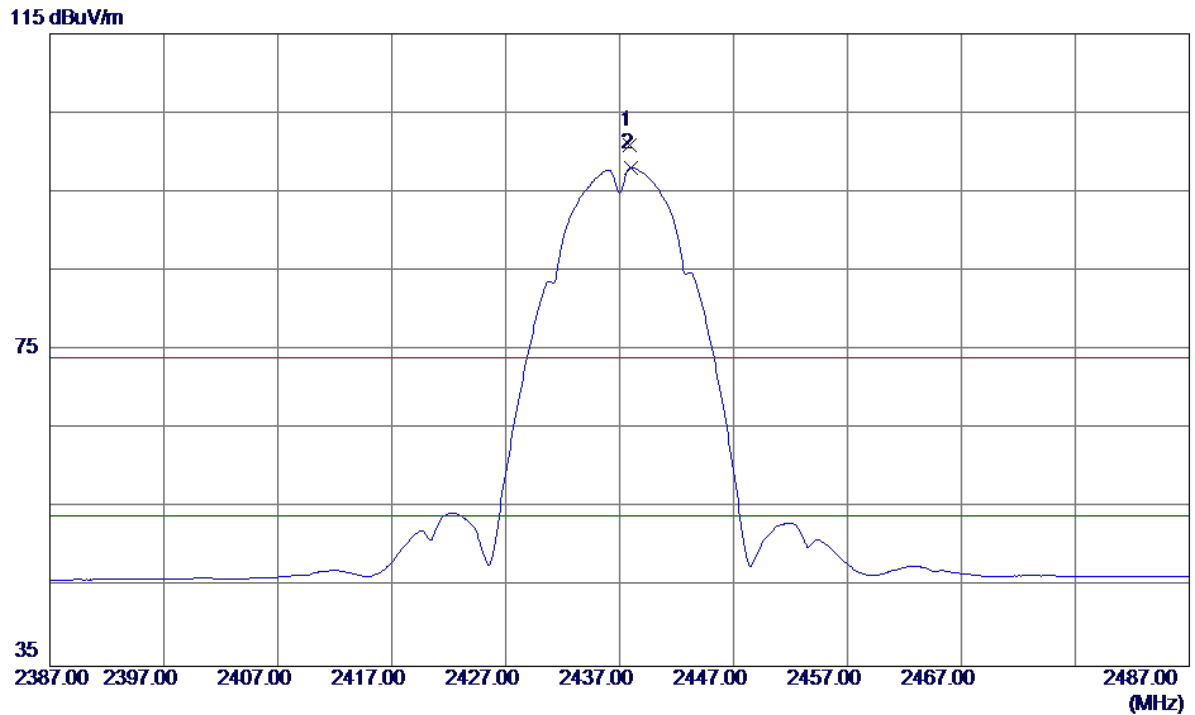
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.9200	42.61	4.69	47.30	54.00	-6.70	AVG	
2	4823.9400	45.43	4.69	50.12	74.00	-23.88	Peak	

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

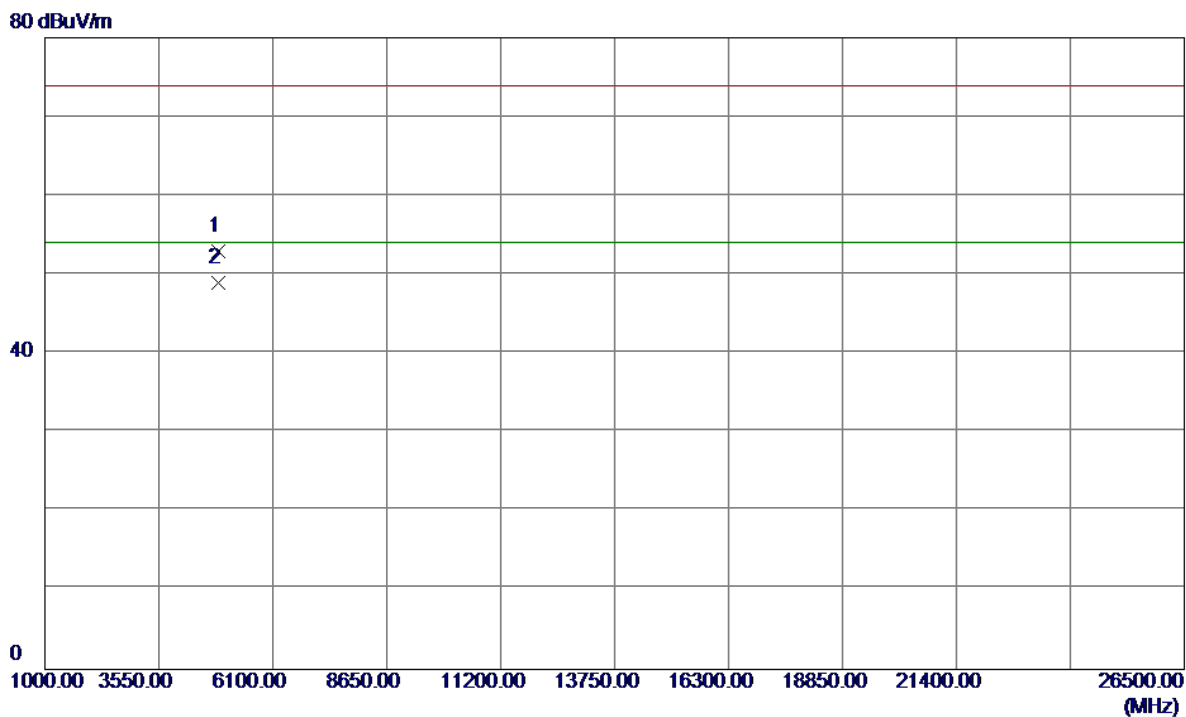
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2437.9000	68.03	32.96	100.99	74.00	26.99	Peak	NO LIMIT
2 *	2438.0000	65.15	32.96	98.11	54.00	44.11	AVG	NO LIMIT

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

Vertical

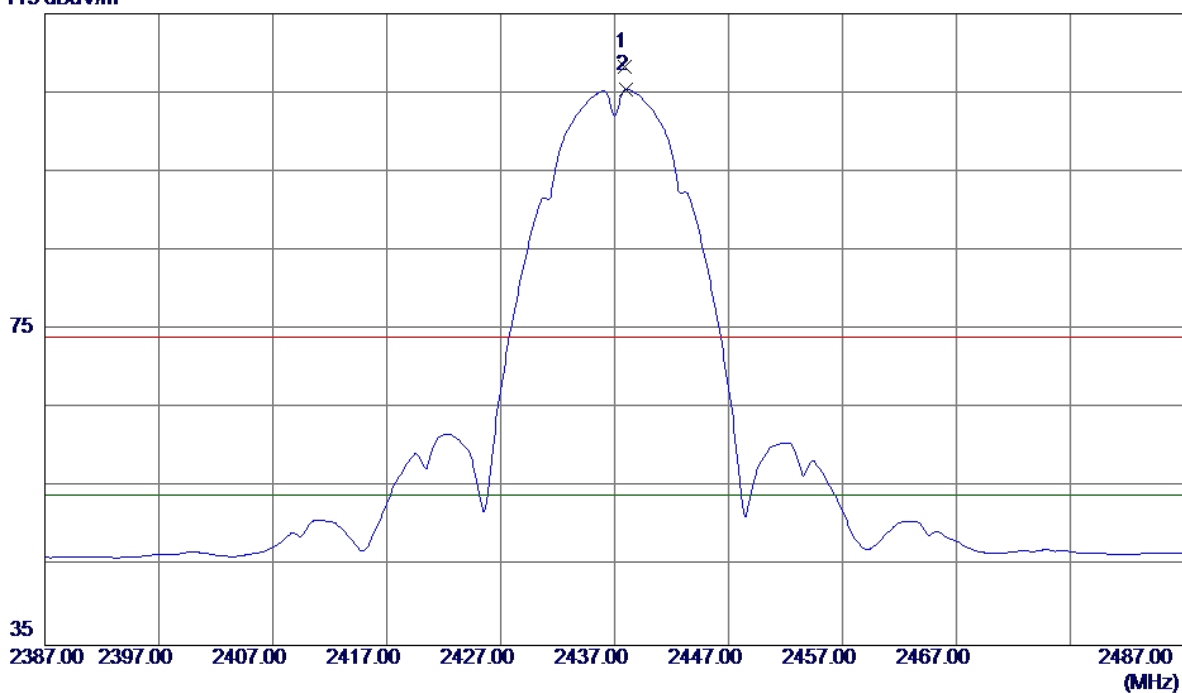


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.7500	48.11	4.89	53.00	74.00	-21.00	Peak	
2 *	4873.9600	44.07	4.89	48.96	54.00	-5.04	AVG	

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

Horizontal

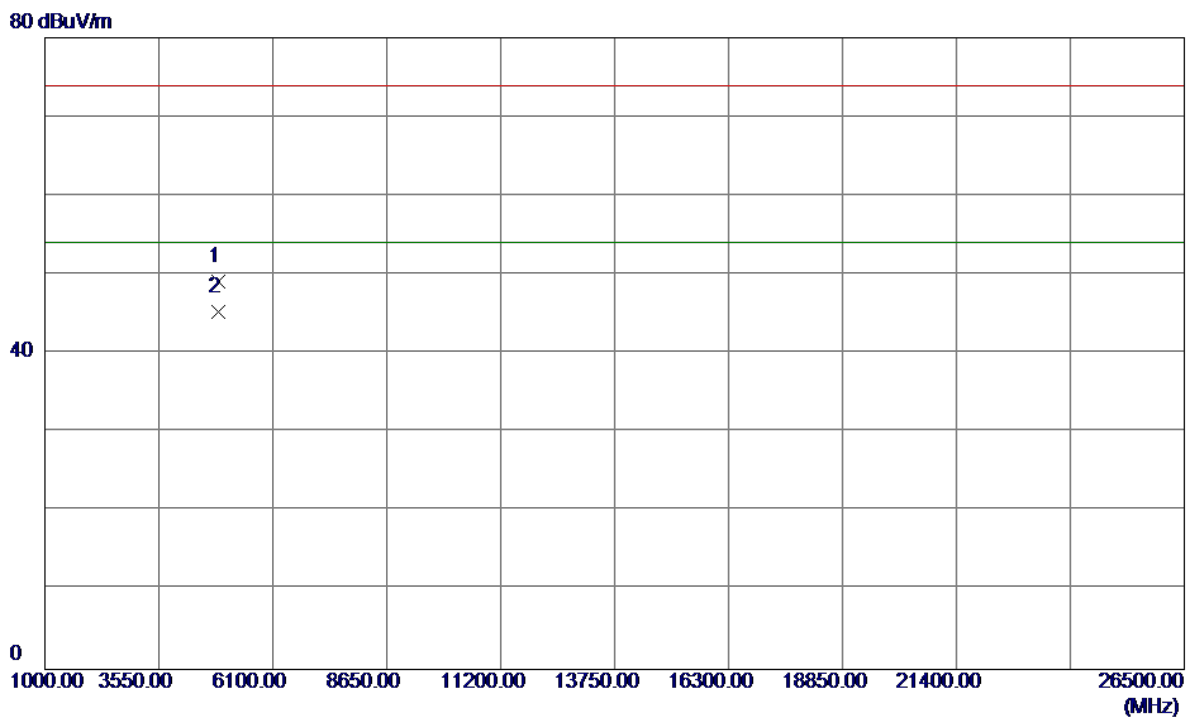
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2437.9000	75.35	32.96	108.31	74.00	34.31	Peak	NO LIMIT
2 *	2438.0000	72.49	32.96	105.45	54.00	51.45	AVG	NO LIMIT

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

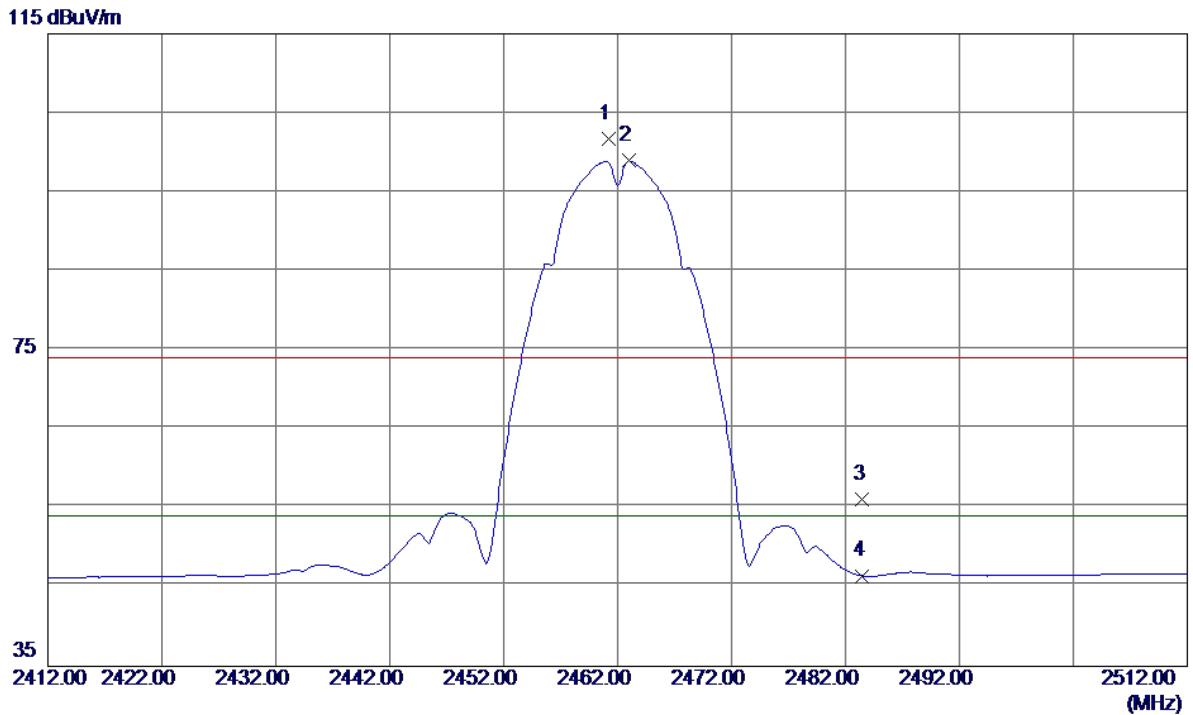
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.9100	44.20	4.89	49.09	74.00	-24.91	Peak	
2 *	4873.9100	40.45	4.89	45.34	54.00	-8.66	AVG	

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

Vertical

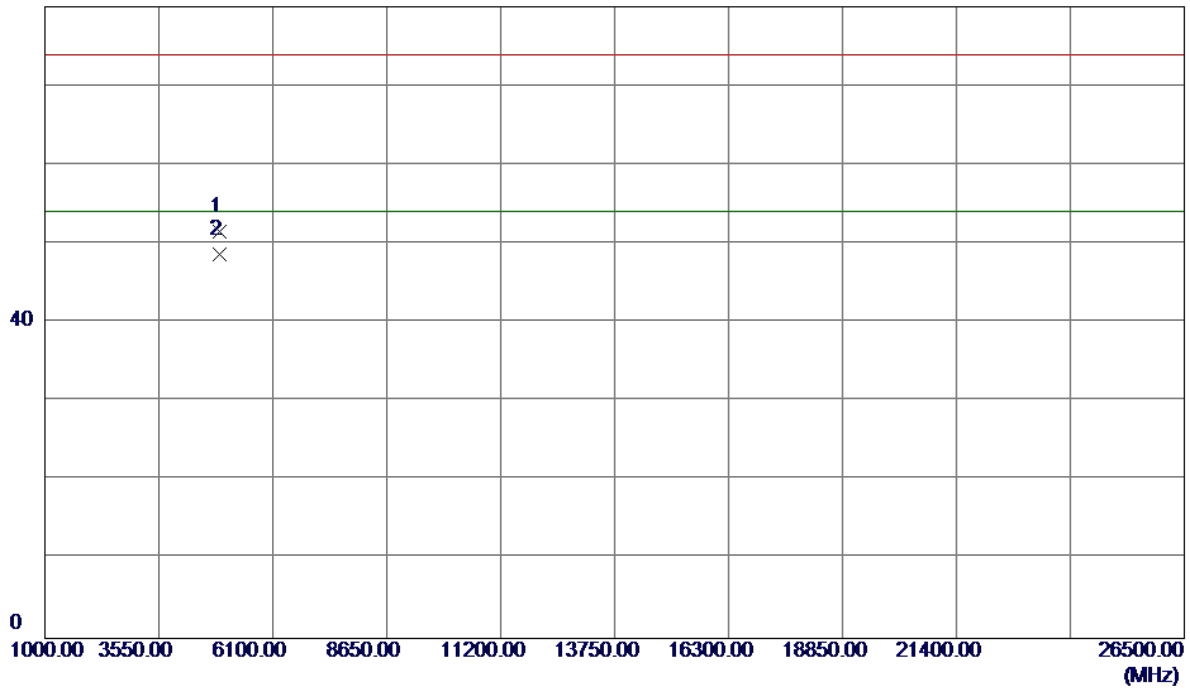


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.2000	68.73	33.06	101.79	74.00	27.79	Peak	NO LIMIT
2 *	2463.0000	65.86	33.07	98.93	54.00	44.93	AVG	NO LIMIT
3	2483.5000	22.90	33.15	56.05	74.00	-17.95	Peak	
4	2483.5000	13.29	33.15	46.44	54.00	-7.56	AVG	

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

Vertical

80 dBuV/m

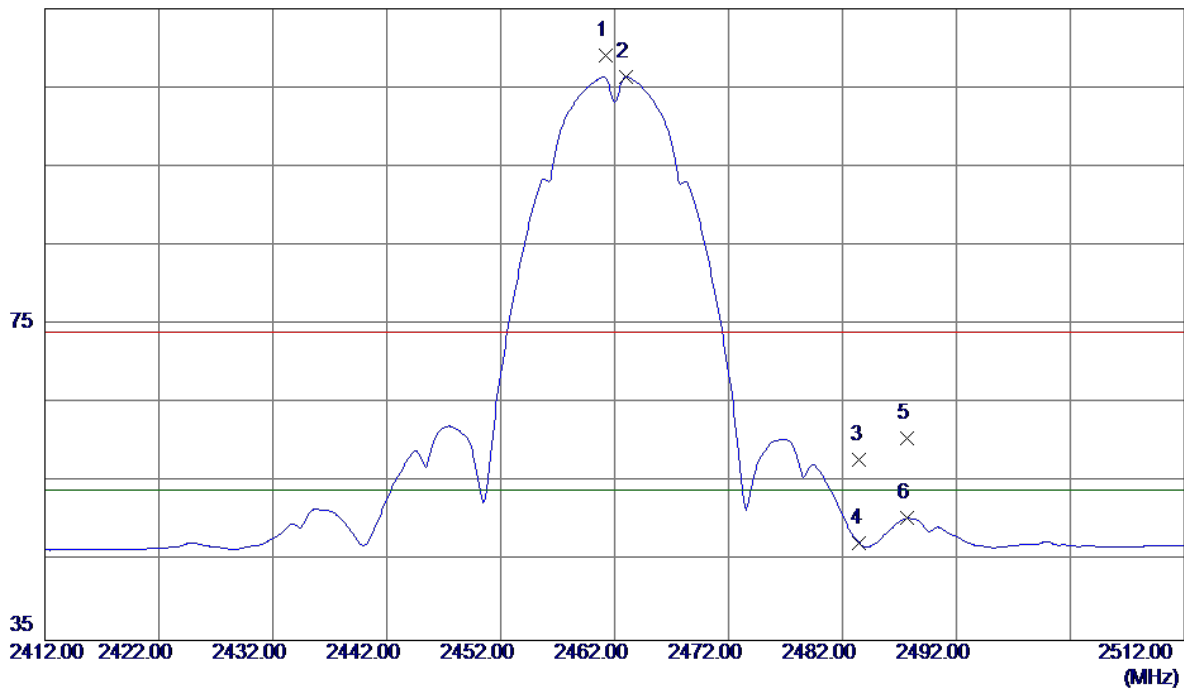


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.9400	46.48	5.08	51.56	74.00	-22.44	Peak	
2 *	4923.9400	43.51	5.08	48.59	54.00	-5.41	AVG	

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

Horizontal

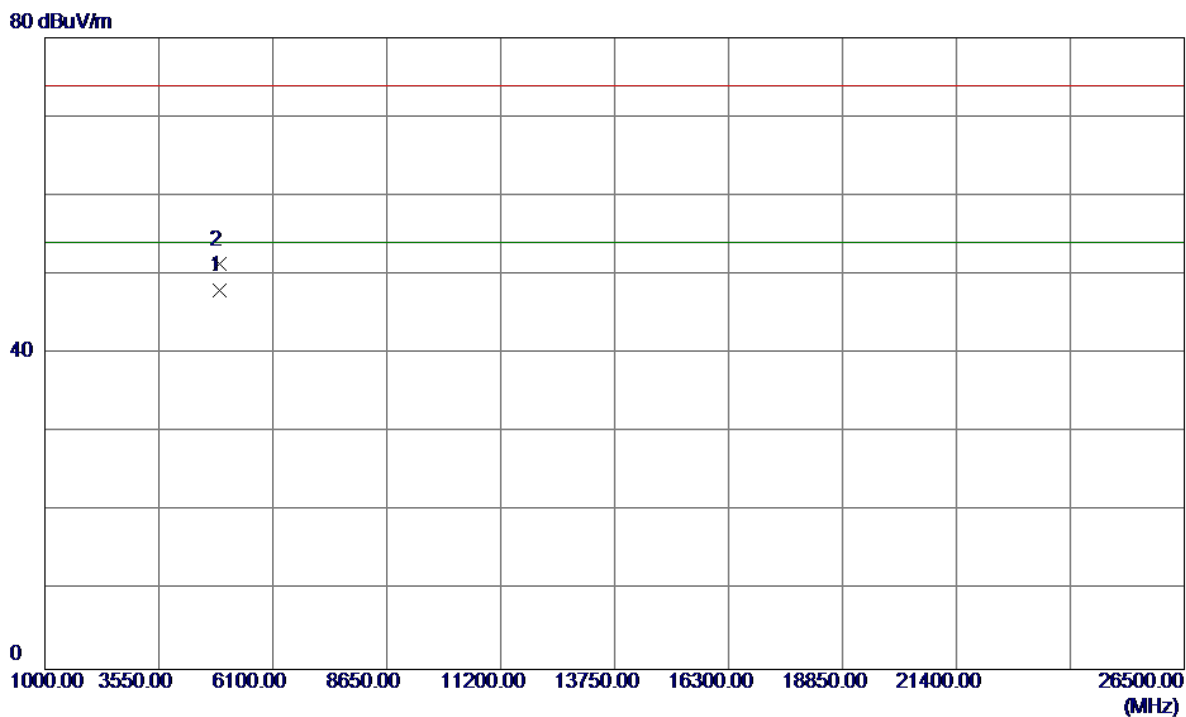
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.2000	76.09	33.06	109.15	74.00	35.15	Peak	NO LIMIT
2 *	2463.0000	73.31	33.07	106.38	54.00	52.38	AVG	NO LIMIT
3	2483.5000	24.71	33.15	57.86	74.00	-16.14	Peak	
4	2483.5000	14.14	33.15	47.29	54.00	-6.71	AVG	
5	2487.7000	27.42	33.17	60.59	74.00	-13.41	Peak	
6	2487.7000	17.28	33.17	50.45	54.00	-3.55	AVG	

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

Horizontal

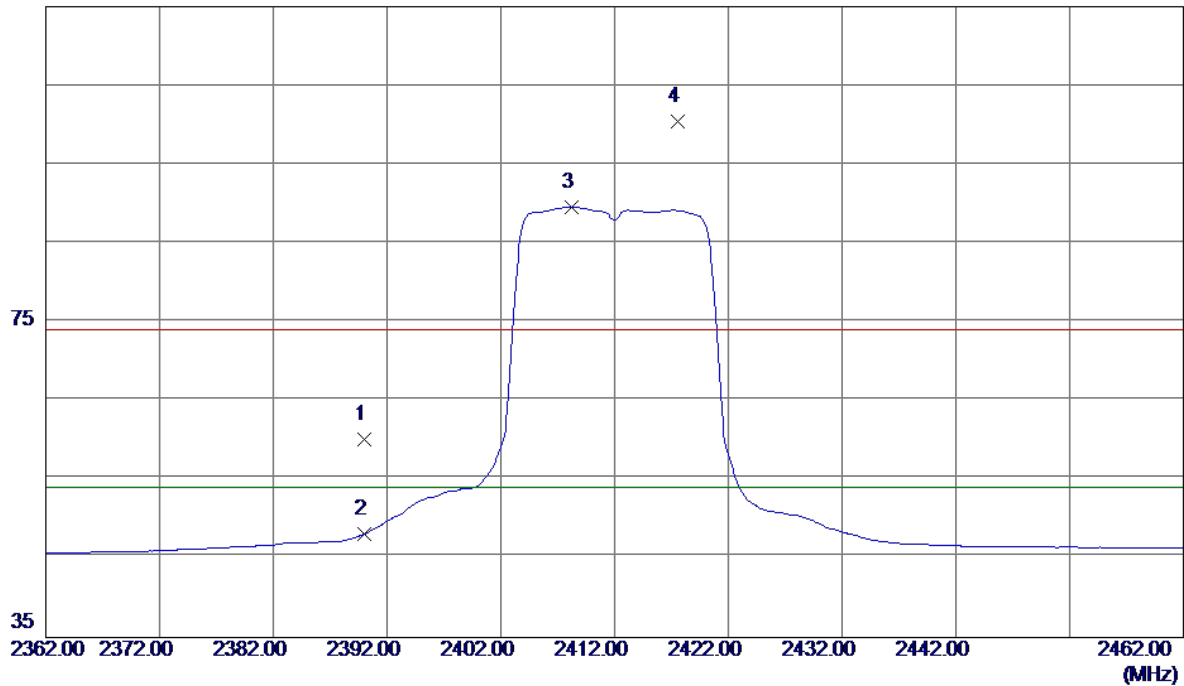


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.9400	42.90	5.08	47.98	54.00	-6.02	AVG	
2	4924.0600	46.20	5.08	51.28	74.00	-22.72	Peak	

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

Vertical

115 dBuV/m

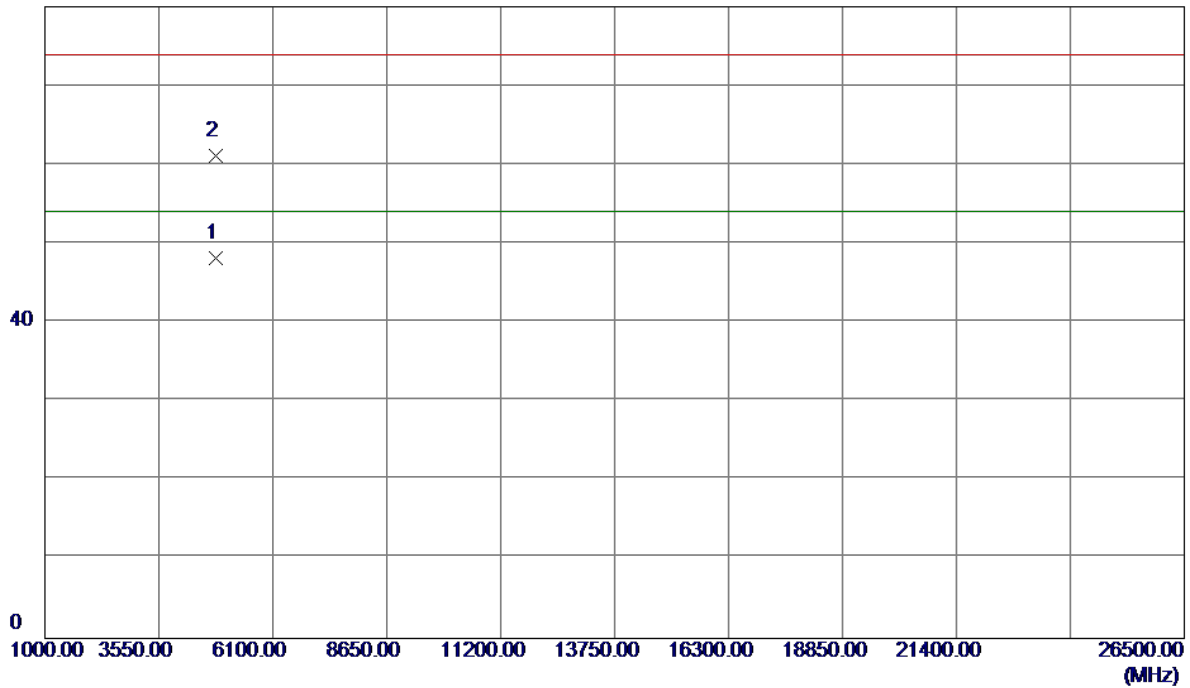


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	27.28	32.77	60.05	74.00	-13.95	Peak	
2	2390.0000	15.35	32.77	48.12	54.00	-5.88	AVG	
3 *	2408.2000	56.77	32.84	89.61	54.00	35.61	AVG	NO LIMIT
4	2417.6000	67.53	32.88	100.41	74.00	26.41	Peak	NO LIMIT

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

Vertical

80 dBuV/m

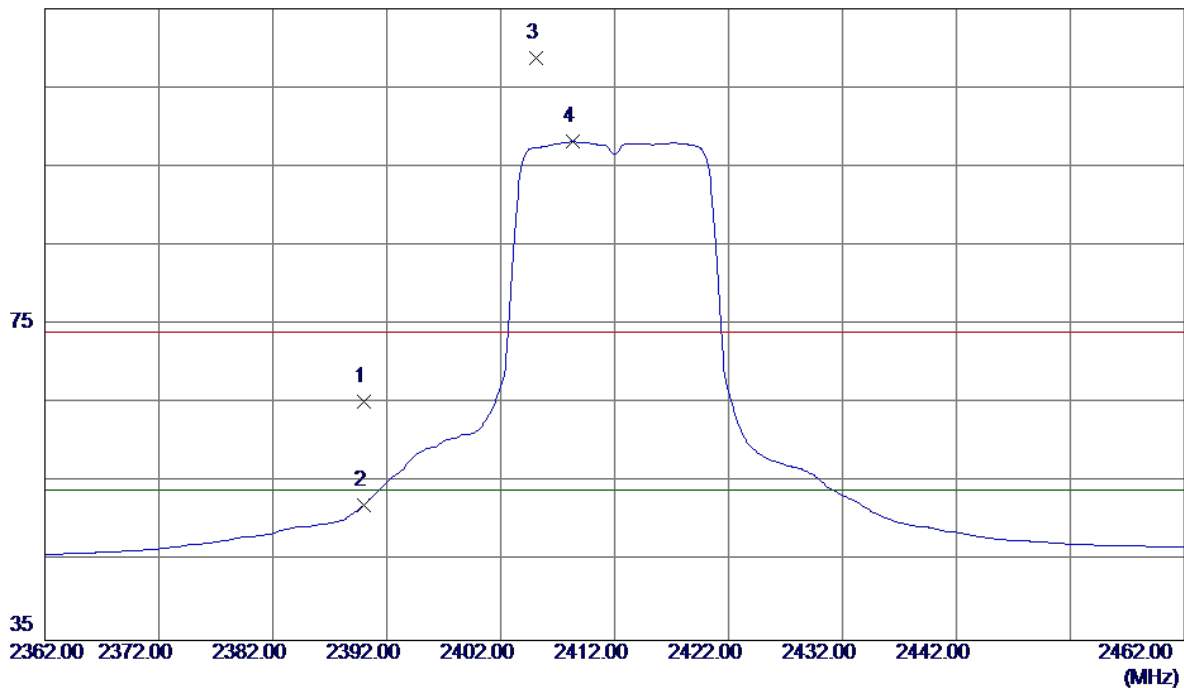


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4821.5000	43.48	4.68	48.16	54.00	-5.84	AVG	
2	4826.3000	56.46	4.70	61.16	74.00	-12.84	Peak	

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

Horizontal

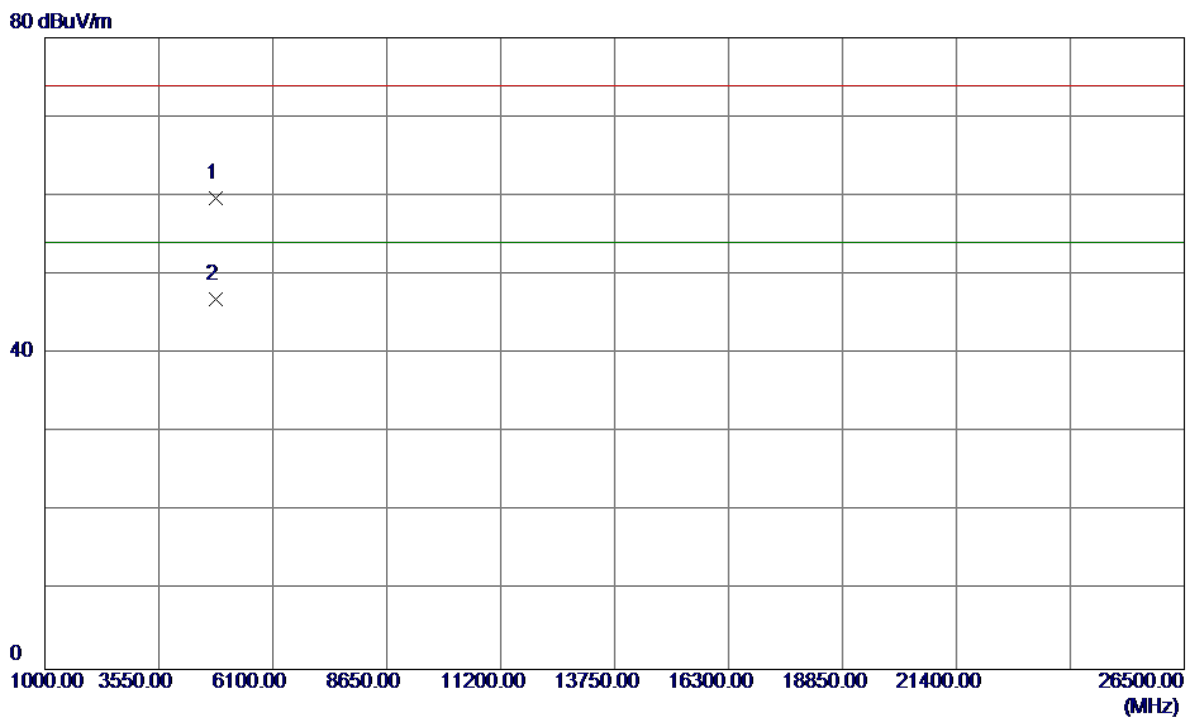
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	32.40	32.77	65.17	74.00	-8.83	Peak	
2	2390.0000	19.39	32.77	52.16	54.00	-1.84	AVG	
3	2405.1000	75.92	32.83	108.75	74.00	34.75	Peak	NO LIMIT
4 *	2408.3000	65.30	32.84	98.14	54.00	44.14	AVG	NO LIMIT

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

Horizontal

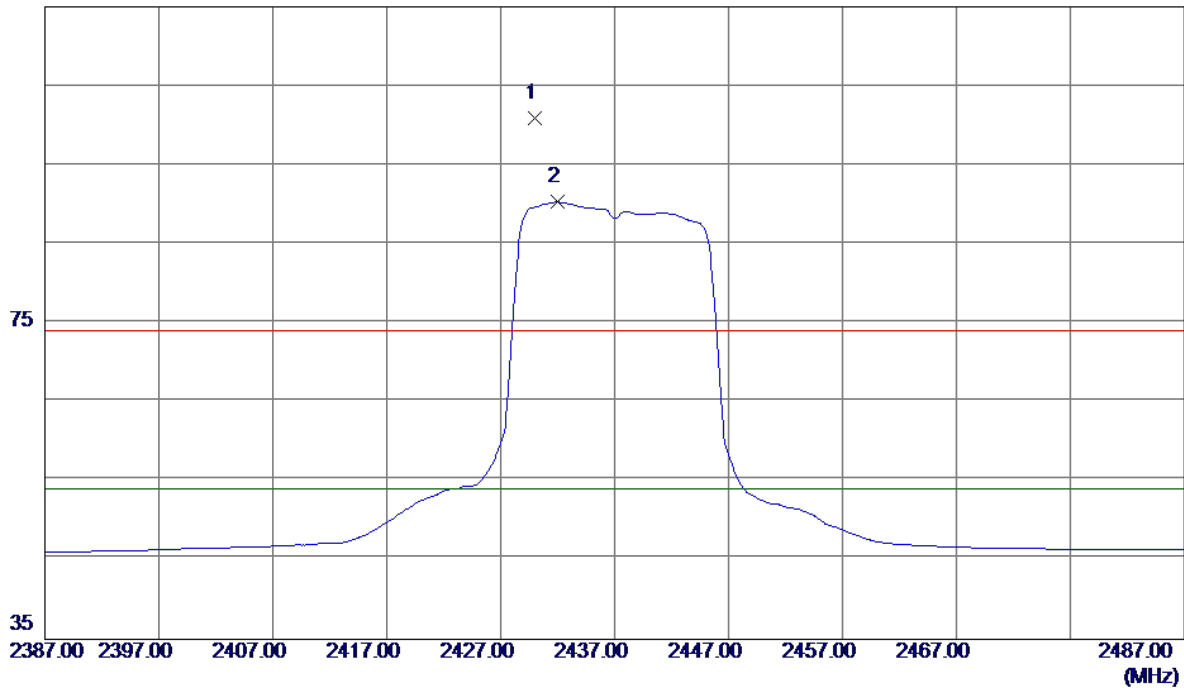


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4826.0500	54.92	4.70	59.62	74.00	-14.38	Peak	
2 *	4826.2500	42.23	4.70	46.93	54.00	-7.07	AVG	

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

Vertical

115 dBuV/m

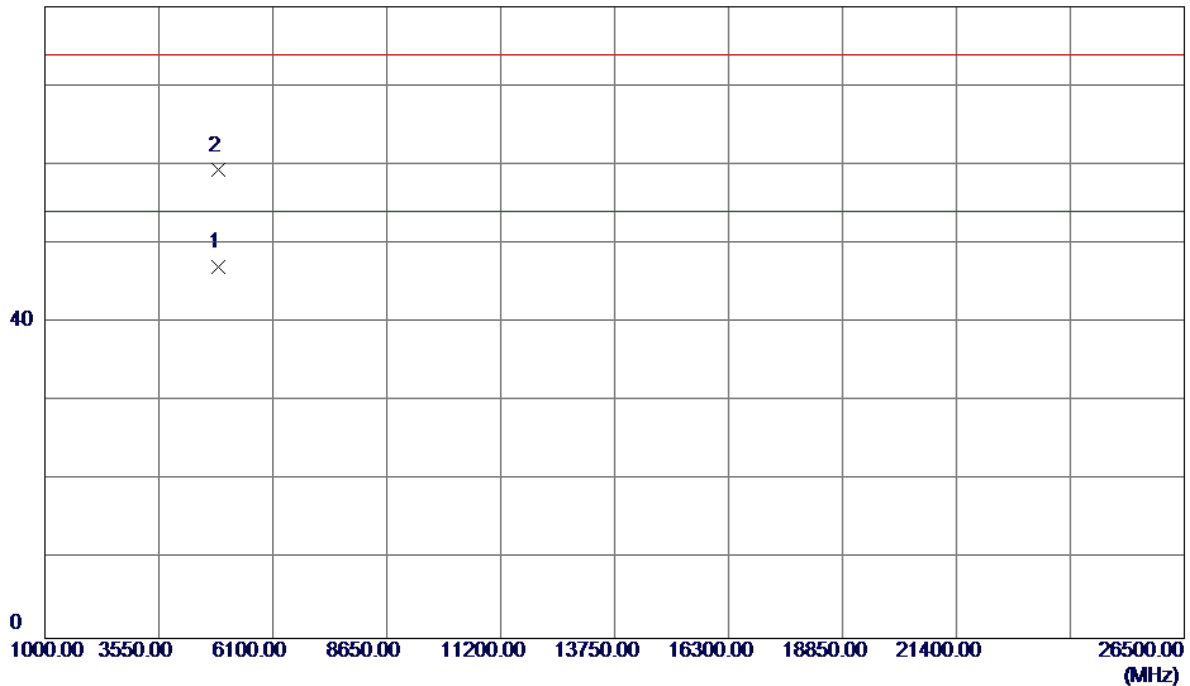


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2430.0000	67.95	32.93	100.88	74.00	26.88	Peak	NO LIMIT
2 *	2432.0000	57.36	32.94	90.30	54.00	36.30	AVG	NO LIMIT

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

Vertical

80 dBuV/m

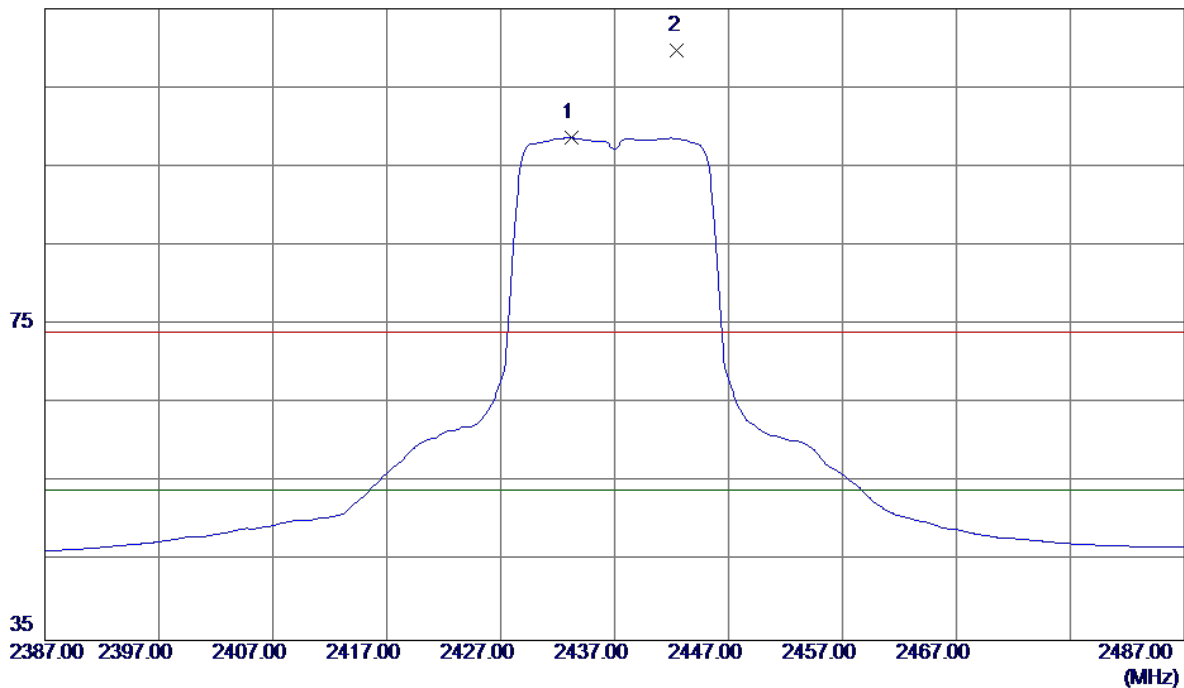


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4872.3000	42.13	4.88	47.01	54.00	-6.99	AVG	
2	4875.8000	54.38	4.90	59.28	74.00	-14.72	Peak	

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

Horizontal

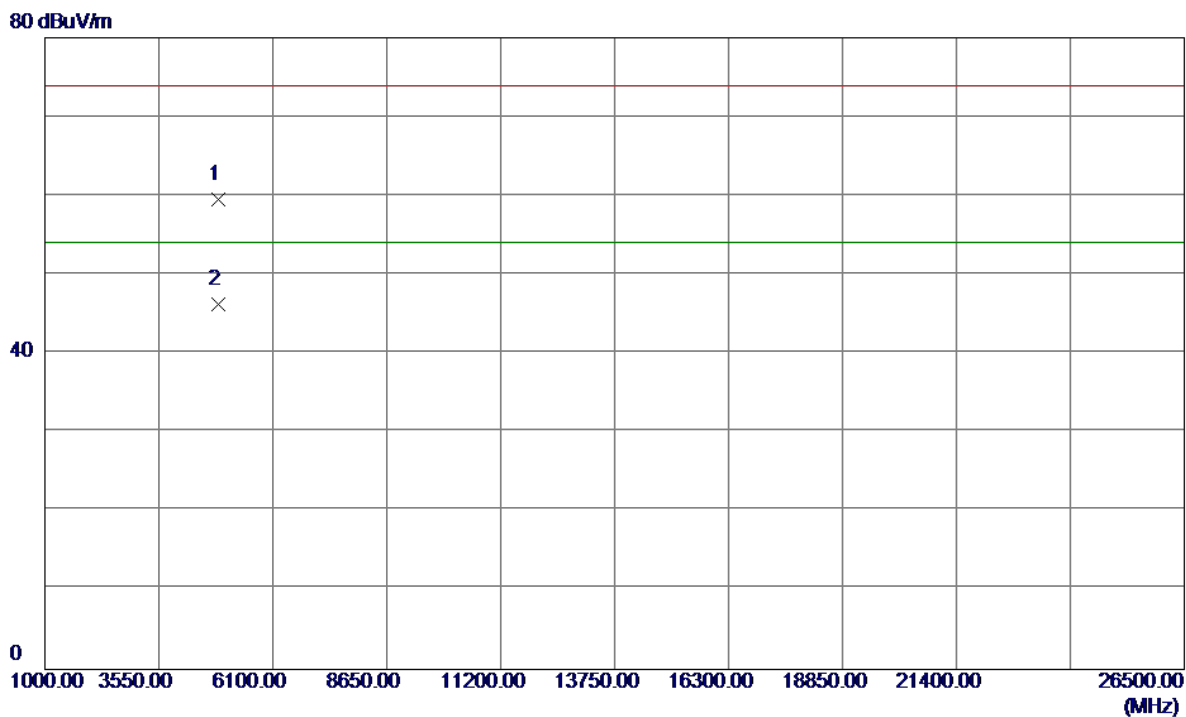
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2433.2000	65.69	32.94	98.63	54.00	44.63	AVG	NO LIMIT
2	2442.5000	76.72	32.98	109.70	74.00	35.70	Peak	NO LIMIT

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

Horizontal

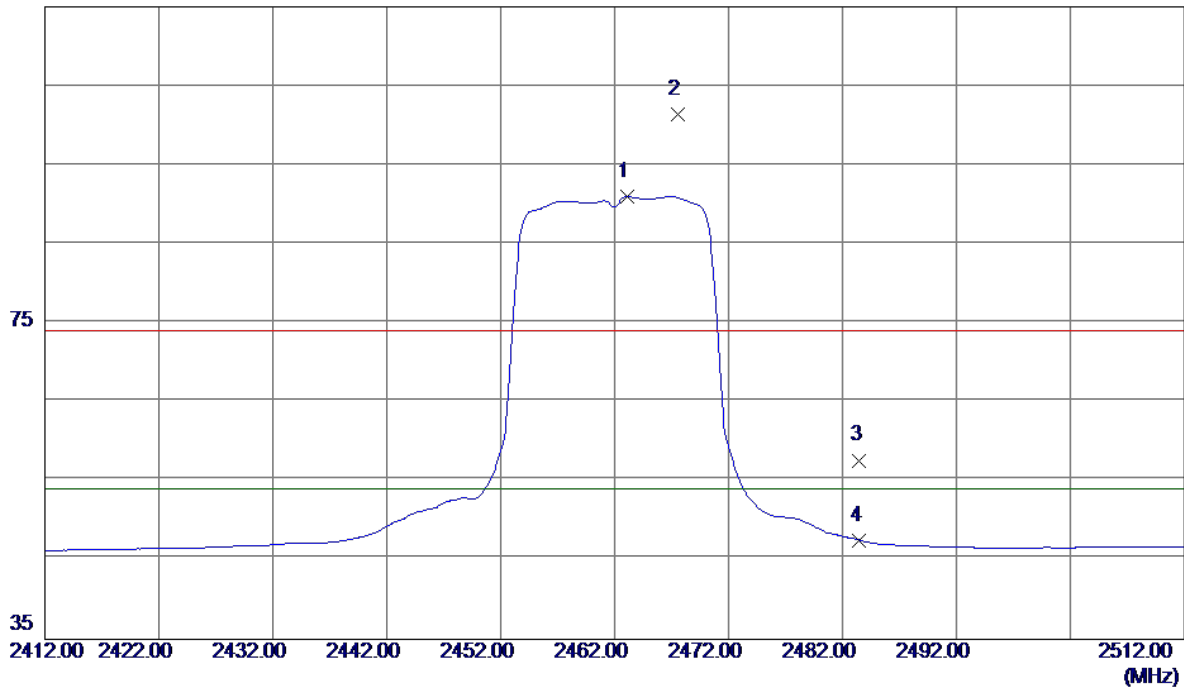


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4874.1000	54.64	4.89	59.53	74.00	-14.47	Peak	
2 *	4875.9000	41.27	4.90	46.17	54.00	-7.83	AVG	

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

Vertical

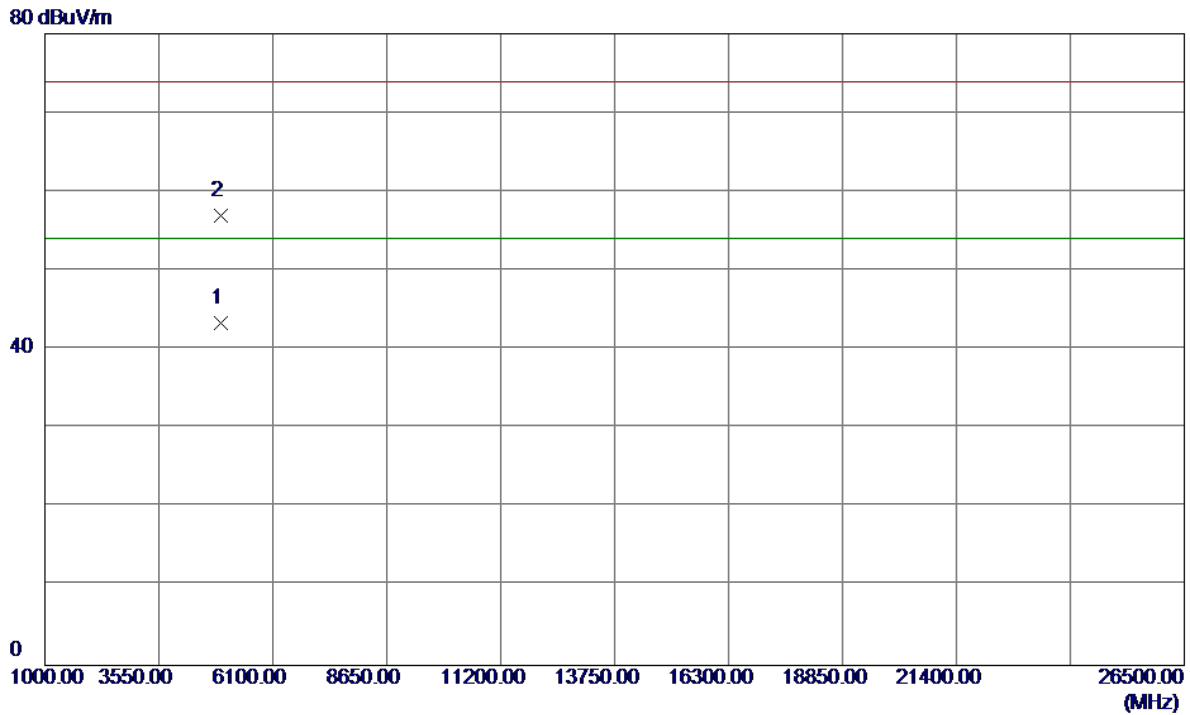
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2463.1000	57.91	33.07	90.98	54.00	36.98	AVG	NO LIMIT
2	2467.6000	68.26	33.09	101.35	74.00	27.35	Peak	NO LIMIT
3	2483.5000	24.49	33.15	57.64	74.00	-16.36	Peak	
4	2483.5000	14.37	33.15	47.52	54.00	-6.48	AVG	

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

Vertical

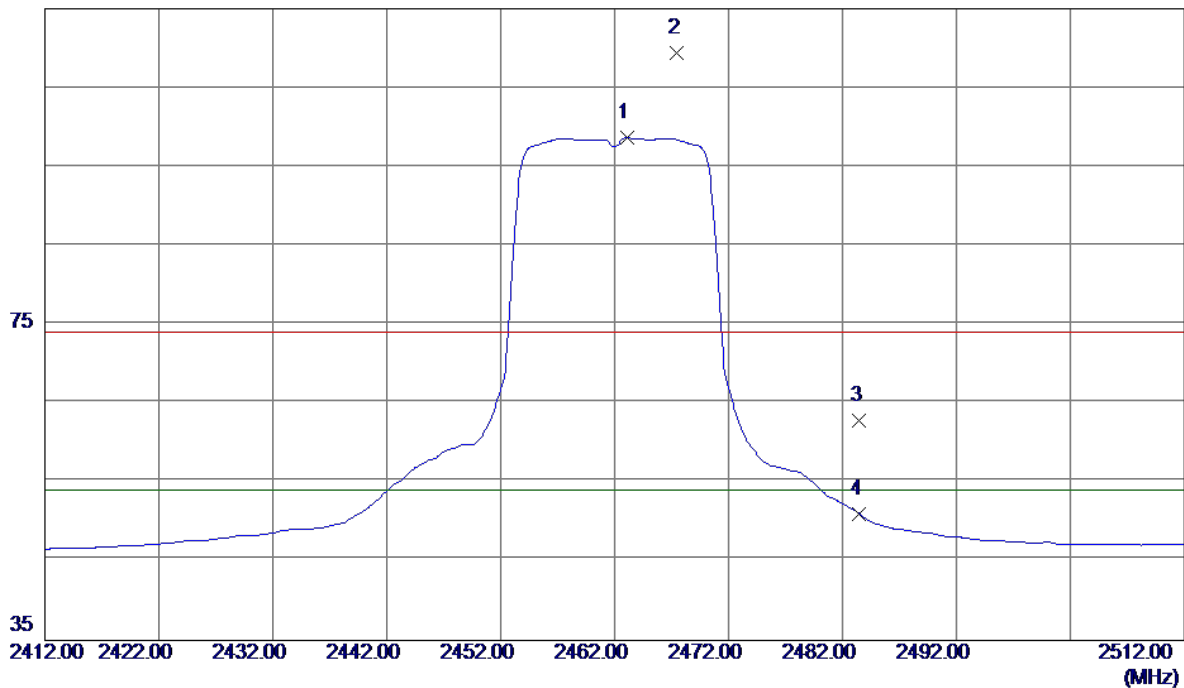


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4925.5000	38.26	5.09	43.35	54.00	-10.65	AVG	
2	4925.9500	51.94	5.09	57.03	74.00	-16.97	Peak	

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

Horizontal

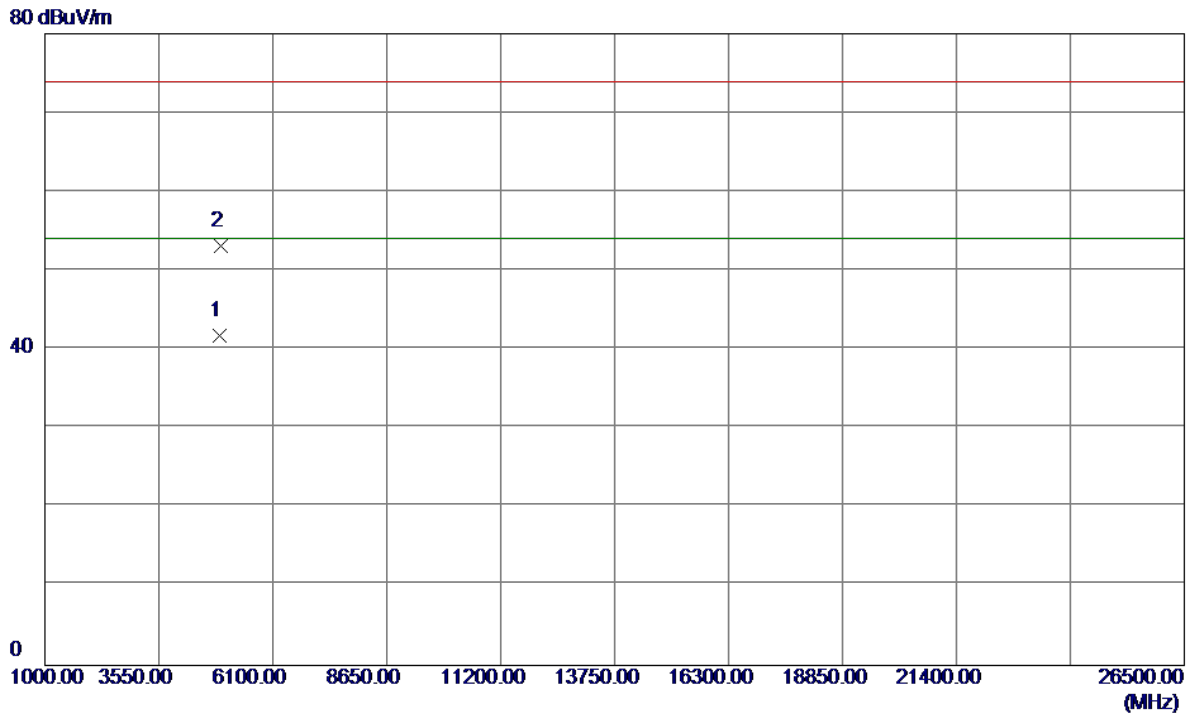
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2463.1000	65.58	33.07	98.65	54.00	44.65	AVG	NO LIMIT
2	2467.5000	76.38	33.09	109.47	74.00	35.47	Peak	NO LIMIT
3	2483.5000	29.65	33.15	62.80	74.00	-11.20	Peak	
4	2483.5000	17.86	33.15	51.01	54.00	-2.99	AVG	

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

Horizontal

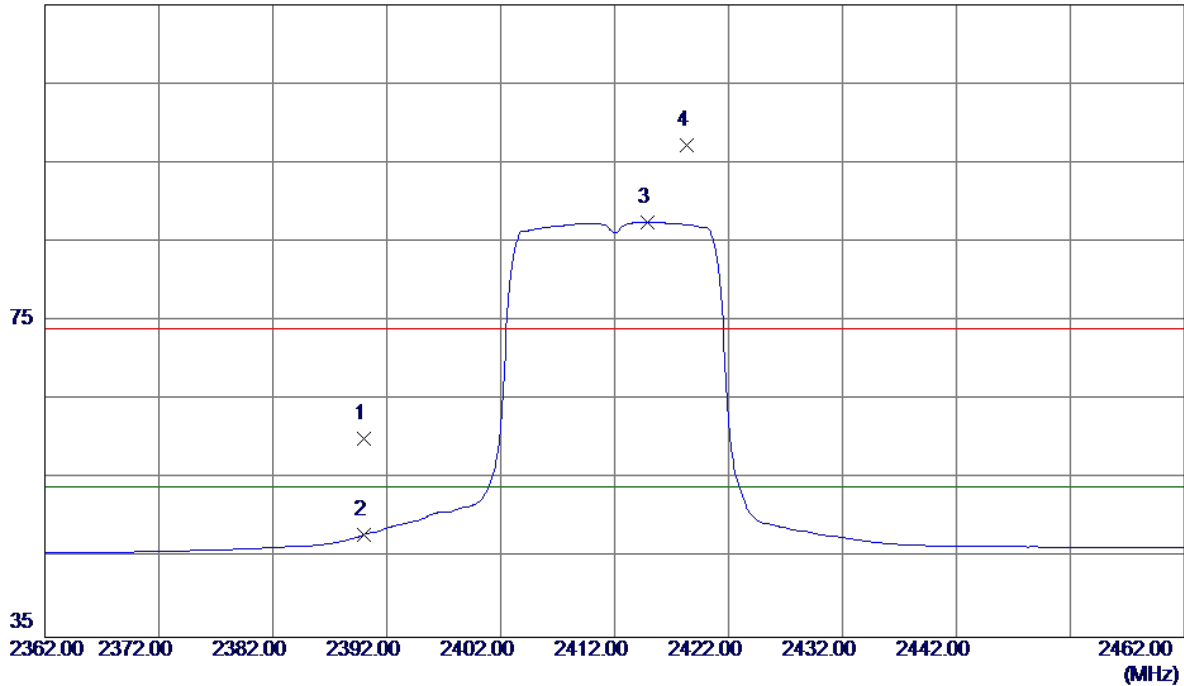


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4922.6000	36.65	5.08	41.73	54.00	-12.27	AVG	
2	4925.1500	48.07	5.09	53.16	74.00	-20.84	Peak	

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

Vertical

115 dBuV/m

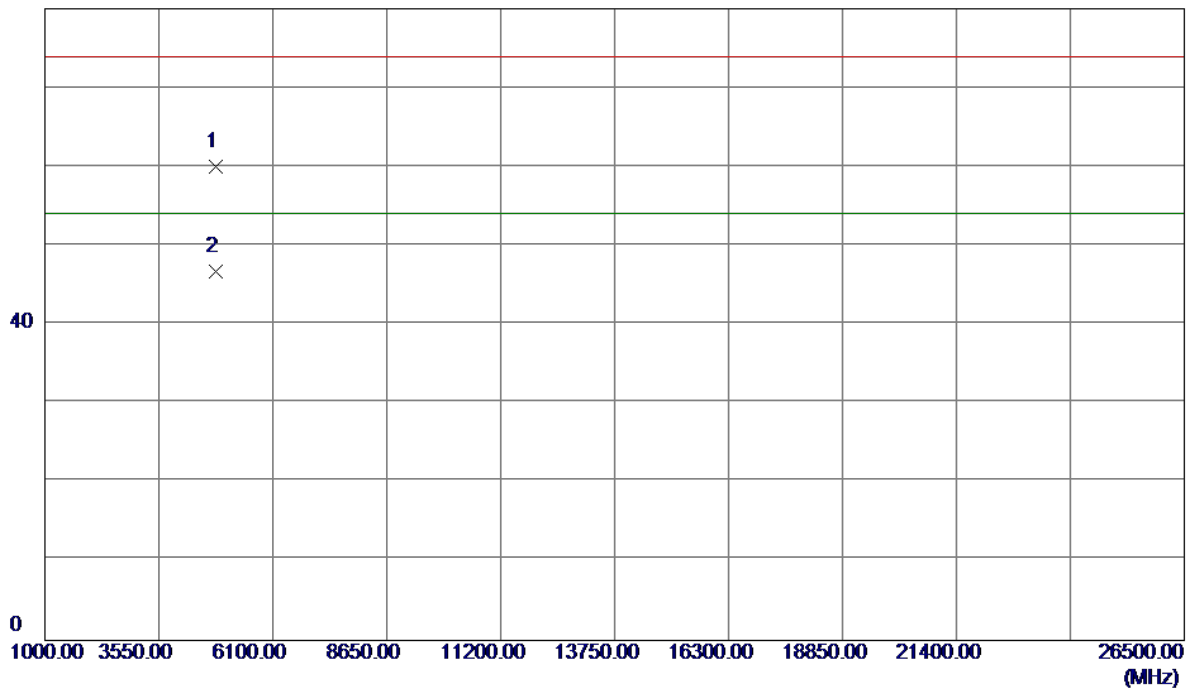


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	27.41	32.77	60.18	74.00	-13.82	Peak	
2	2390.0000	15.21	32.77	47.98	54.00	-6.02	AVG	
3 *	2414.9000	54.66	32.87	87.53	54.00	33.53	AVG	NO LIMIT
4	2418.3000	64.40	32.88	97.28	74.00	23.28	Peak	NO LIMIT

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

Vertical

80 dBuV/m

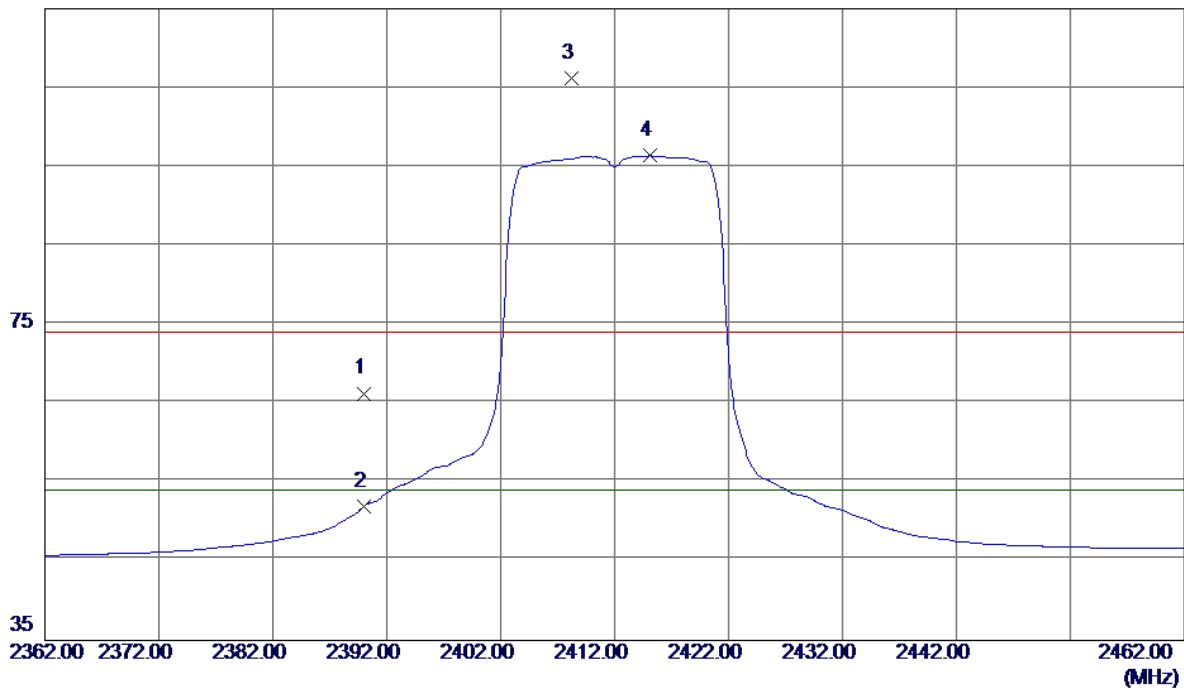


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4824.4000	55.30	4.69	59.99	74.00	-14.01	Peak	
2 *	4825.6000	42.09	4.70	46.79	54.00	-7.21	AVG	

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

Horizontal

115 dBuV/m

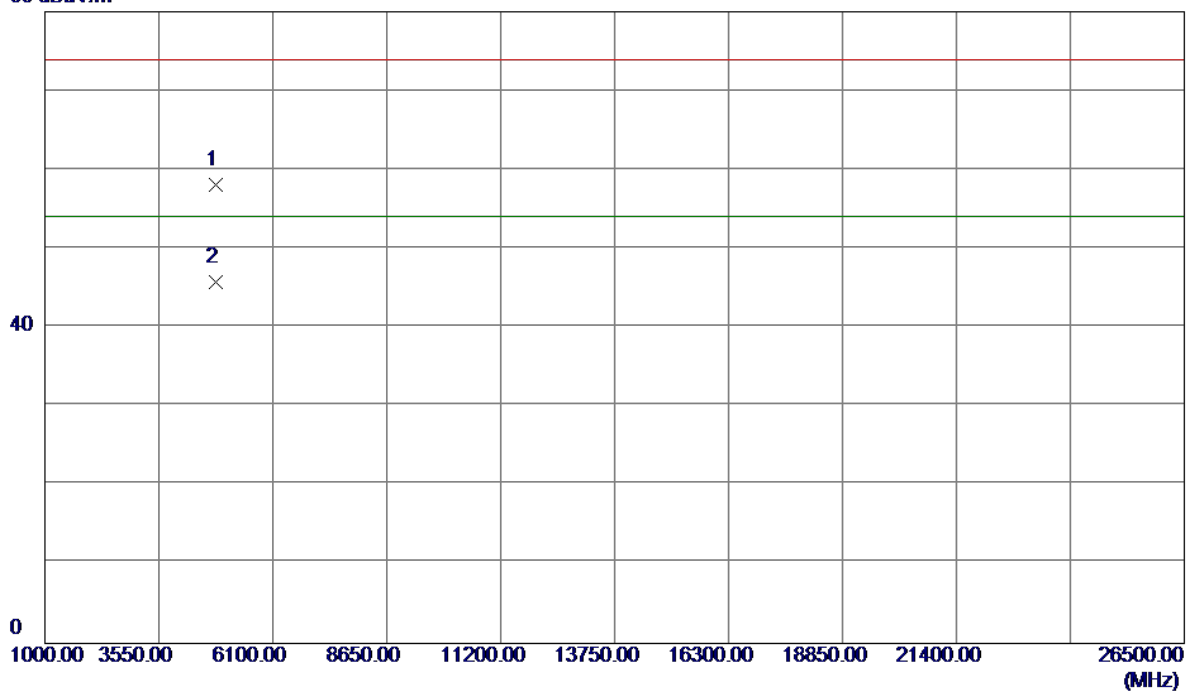


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	33.51	32.77	66.28	74.00	-7.72	Peak	
2	2390.0000	19.22	32.77	51.99	54.00	-2.01	AVG	
3	2408.2000	73.42	32.84	106.26	74.00	32.26	Peak	NO LIMIT
4 *	2415.1000	63.51	32.87	96.38	54.00	42.38	AVG	NO LIMIT

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

Horizontal

80 dBuV/m

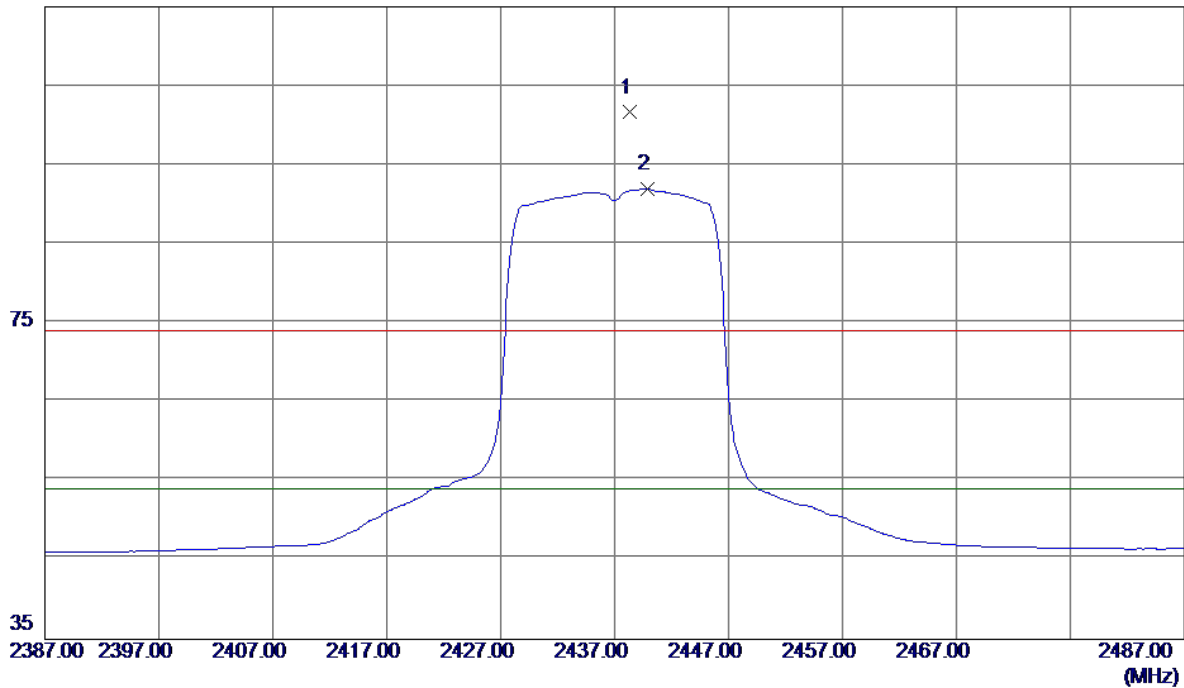


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.8000	53.34	4.69	58.03	74.00	-15.97	Peak	
2	4825.3000	41.06	4.70	45.76	74.00	-28.24	Peak	

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

Vertical

115 dBuV/m

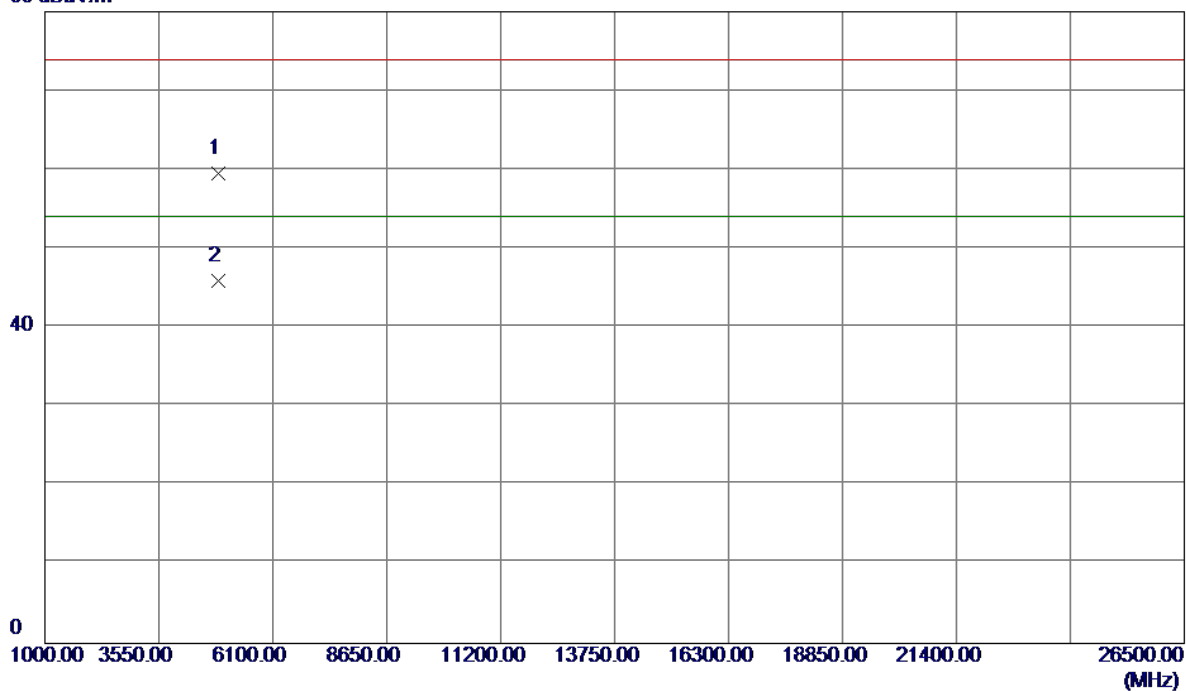


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2438.3000	68.67	32.97	101.64	74.00	27.64	Peak	NO LIMIT
2 *	2439.9000	58.94	32.97	91.91	54.00	37.91	AVG	NO LIMIT

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

Vertical

80 dBuV/m

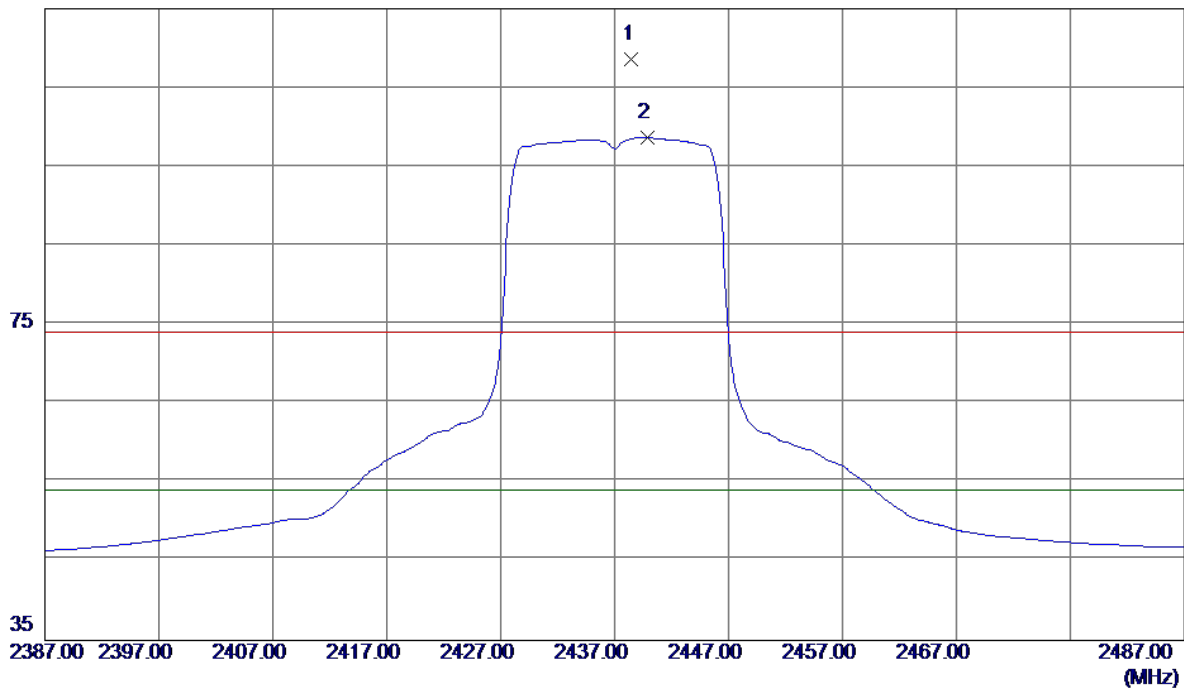


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.6000	54.68	4.89	59.57	74.00	-14.43	Peak	
2 *	4875.1000	41.10	4.89	45.99	54.00	-8.01	AVG	

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

Horizontal

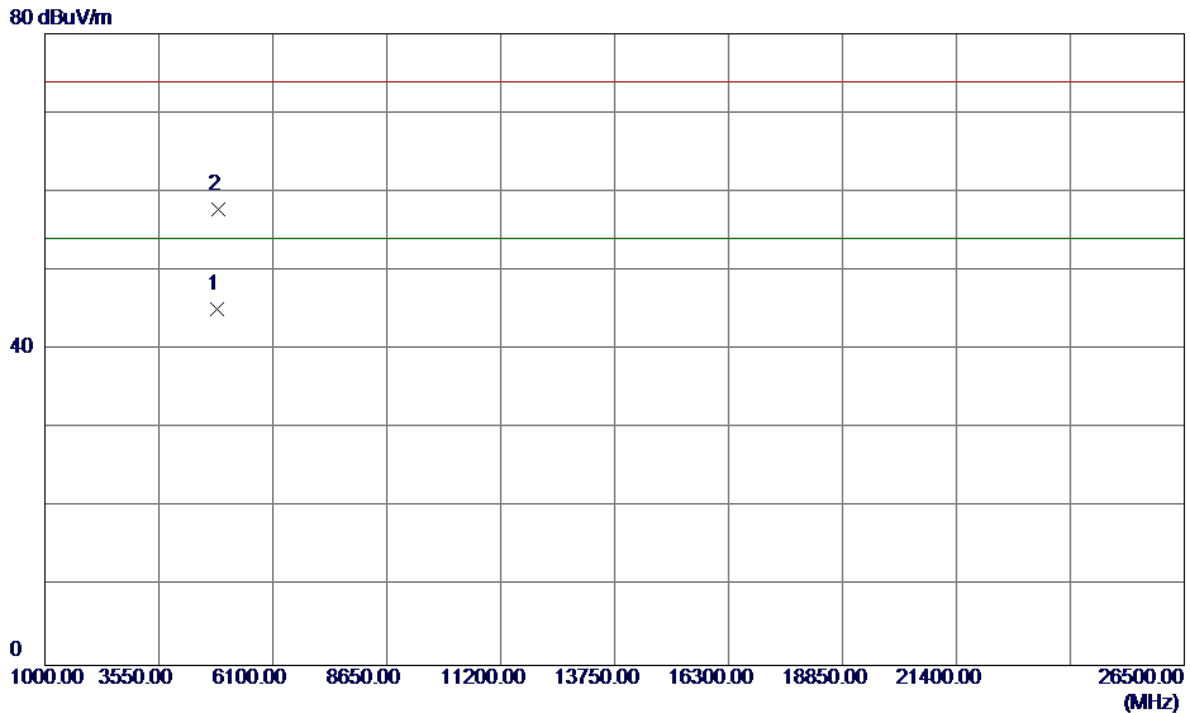
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2438.5000	75.70	32.97	108.67	74.00	34.67	Peak	NO LIMIT
2 *	2439.9000	65.71	32.97	98.68	54.00	44.68	AVG	NO LIMIT

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

Horizontal

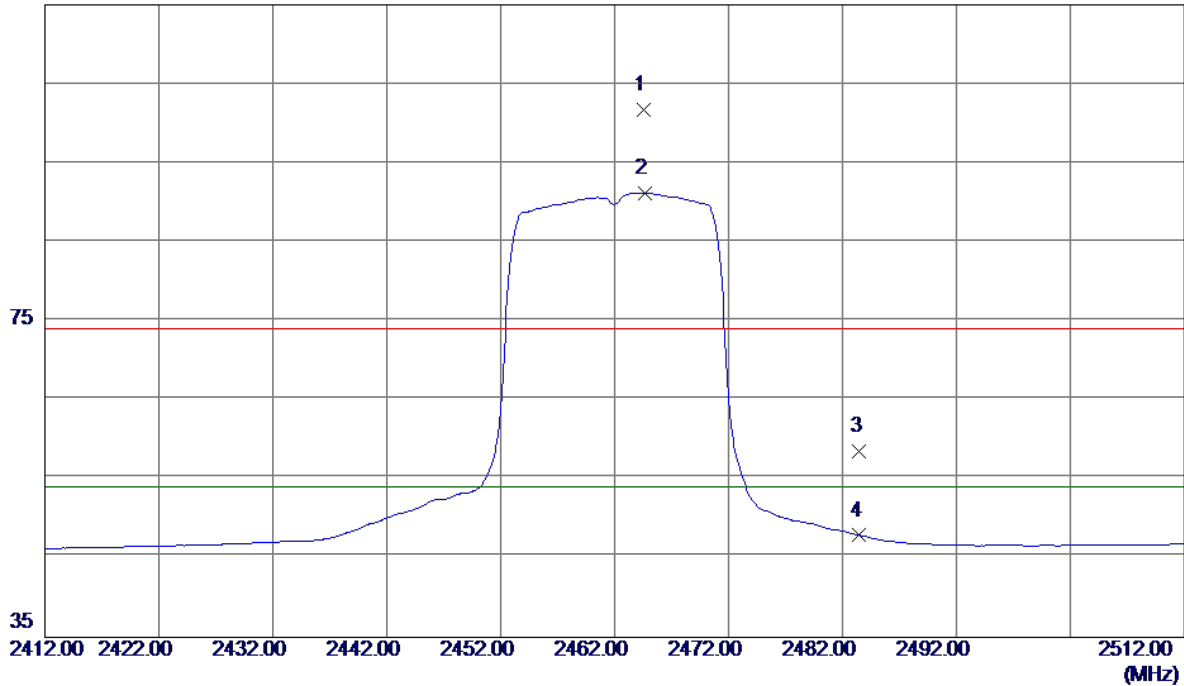


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4866.1000	40.33	4.86	45.19	54.00	-8.81	AVG	
2	4874.9000	52.91	4.89	57.80	74.00	-16.20	Peak	

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

Vertical

115 dBuV/m

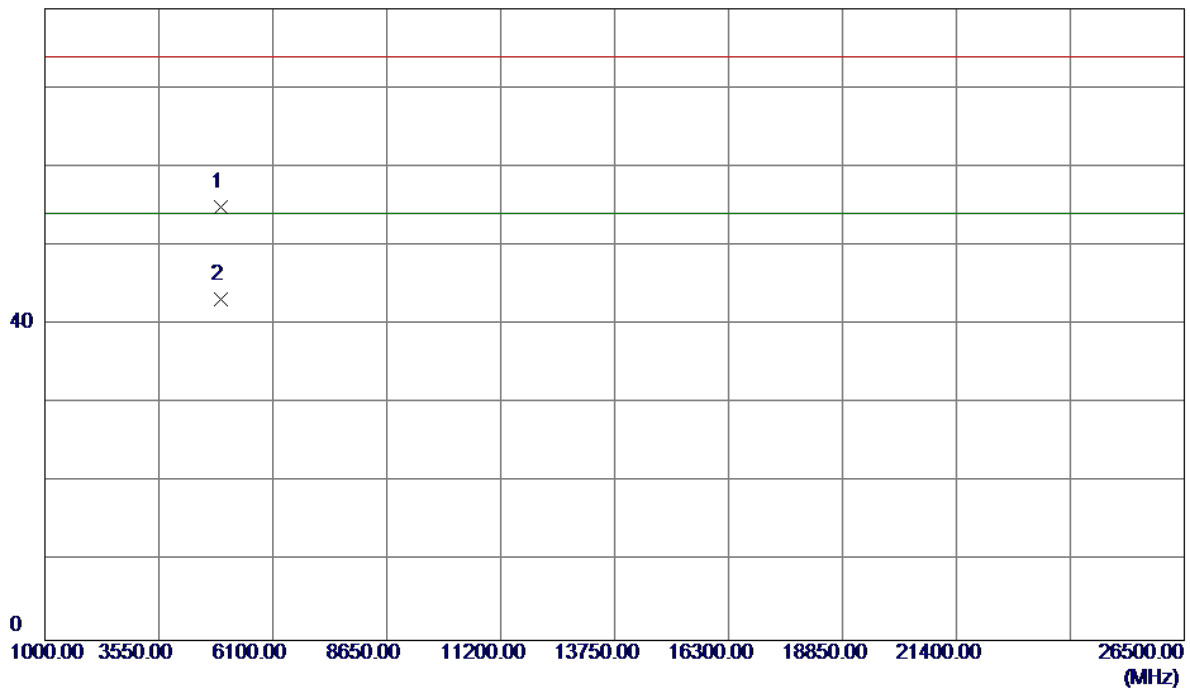


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2464.6000	68.67	33.07	101.74	74.00	27.74	Peak	NO LIMIT
2 *	2464.7000	58.17	33.07	91.24	54.00	37.24	AVG	NO LIMIT
3	2483.5000	25.42	33.15	58.57	74.00	-15.43	Peak	
4	2483.5000	14.73	33.15	47.88	54.00	-6.12	AVG	

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

Vertical

80 dBuV/m

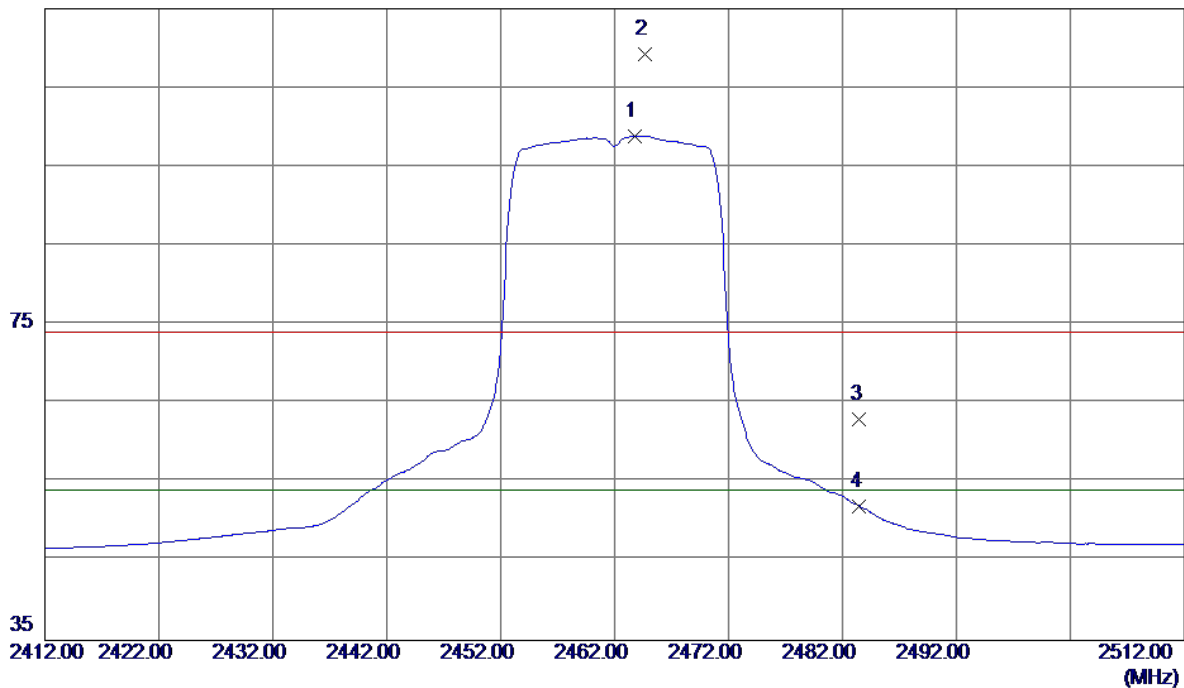


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4924.2000	49.79	5.08	54.87	74.00	-19.13	Peak	
2 *	4925.8000	38.07	5.09	43.16	54.00	-10.84	AVG	

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

Horizontal

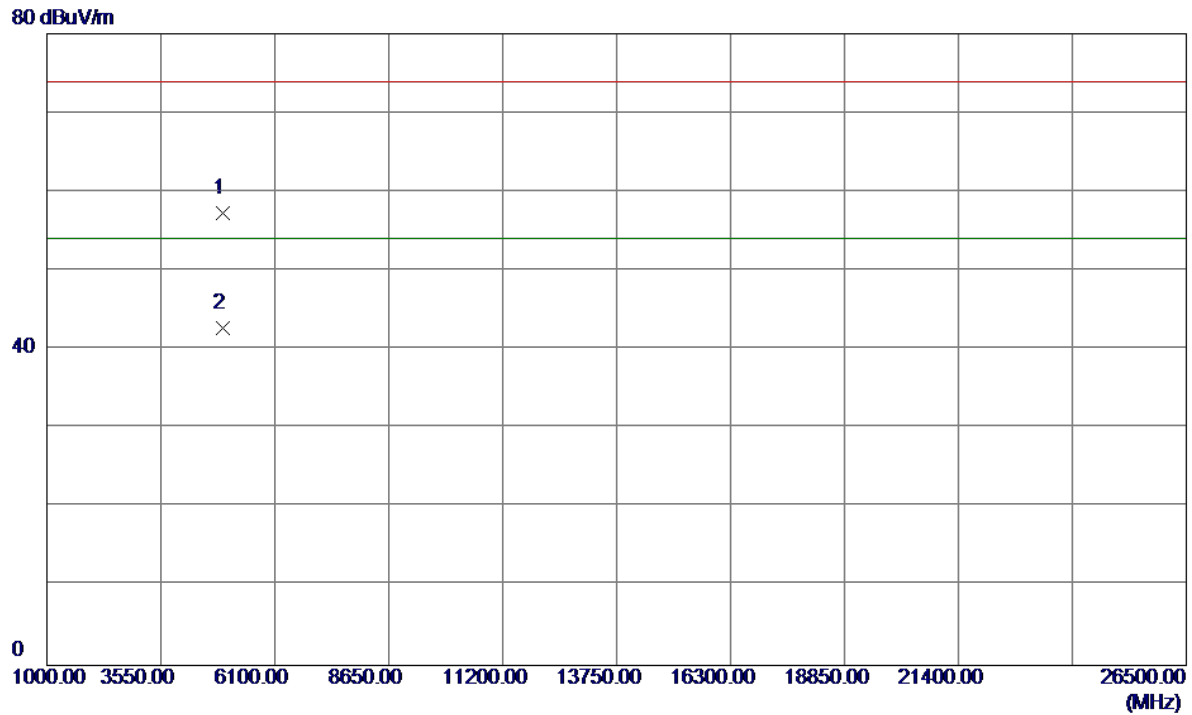
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2463.8000	65.79	33.07	98.86	54.00	44.86	AVG	NO LIMIT
2	2464.7000	76.10	33.07	109.17	74.00	35.17	Peak	NO LIMIT
3	2483.5000	29.90	33.15	63.05	74.00	-10.95	Peak	
4	2483.5000	18.86	33.15	52.01	54.00	-1.99	AVG	

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

Horizontal

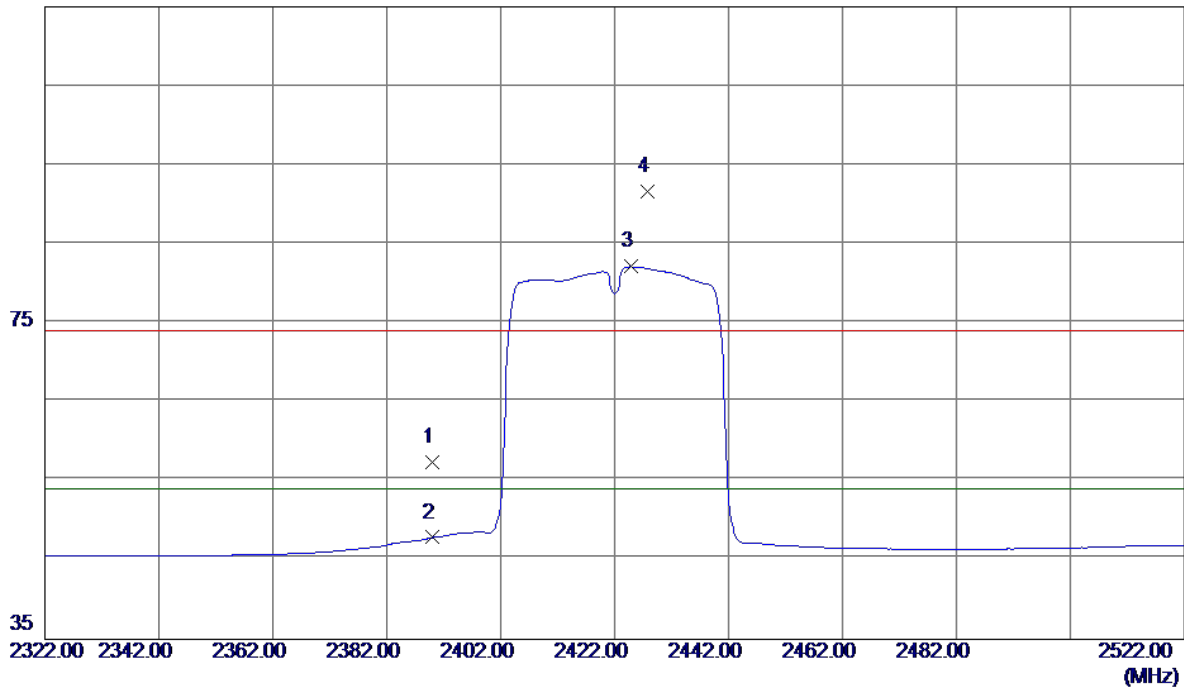


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4925.2000	52.26	5.09	57.35	74.00	-16.65	Peak	
2 *	4926.0000	37.70	5.09	42.79	54.00	-11.21	AVG	

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

Vertical

115 dBuV/m

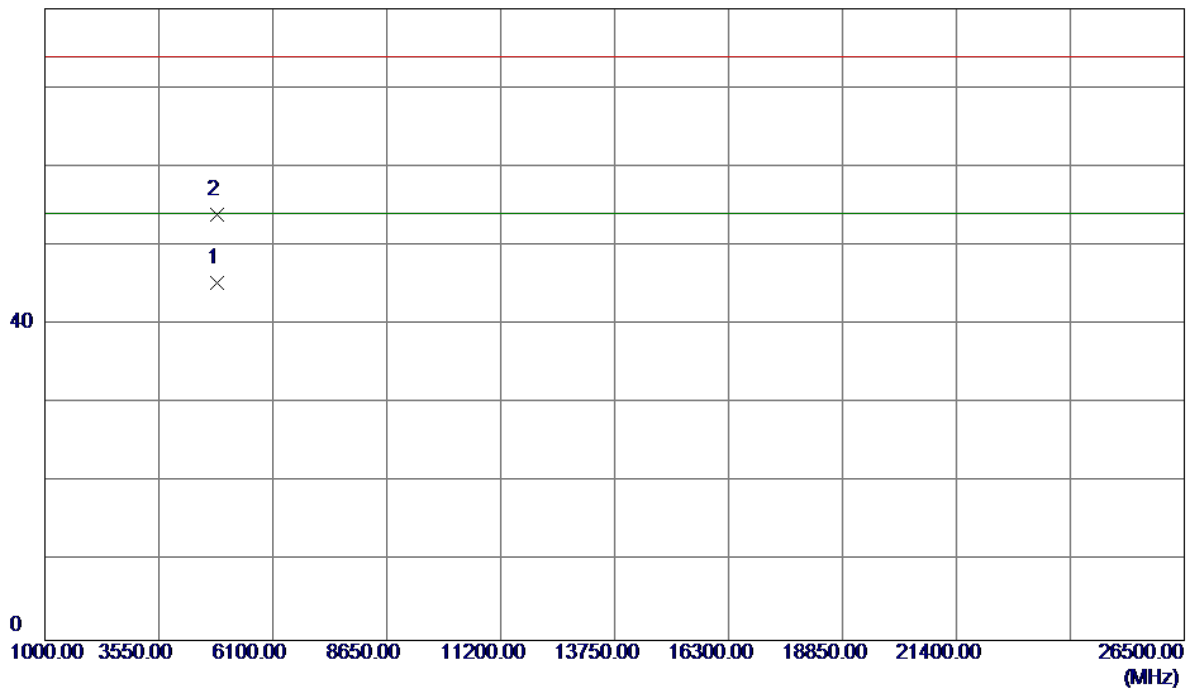


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	24.59	32.77	57.36	74.00	-16.64	Peak	
2	2390.0000	15.11	32.77	47.88	54.00	-6.12	AVG	
3 *	2424.8000	49.22	32.91	82.13	54.00	28.13	AVG	NO LIMIT
4	2427.8000	58.71	32.92	91.63	74.00	17.63	Peak	NO LIMIT

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

Vertical

80 dBuV/m

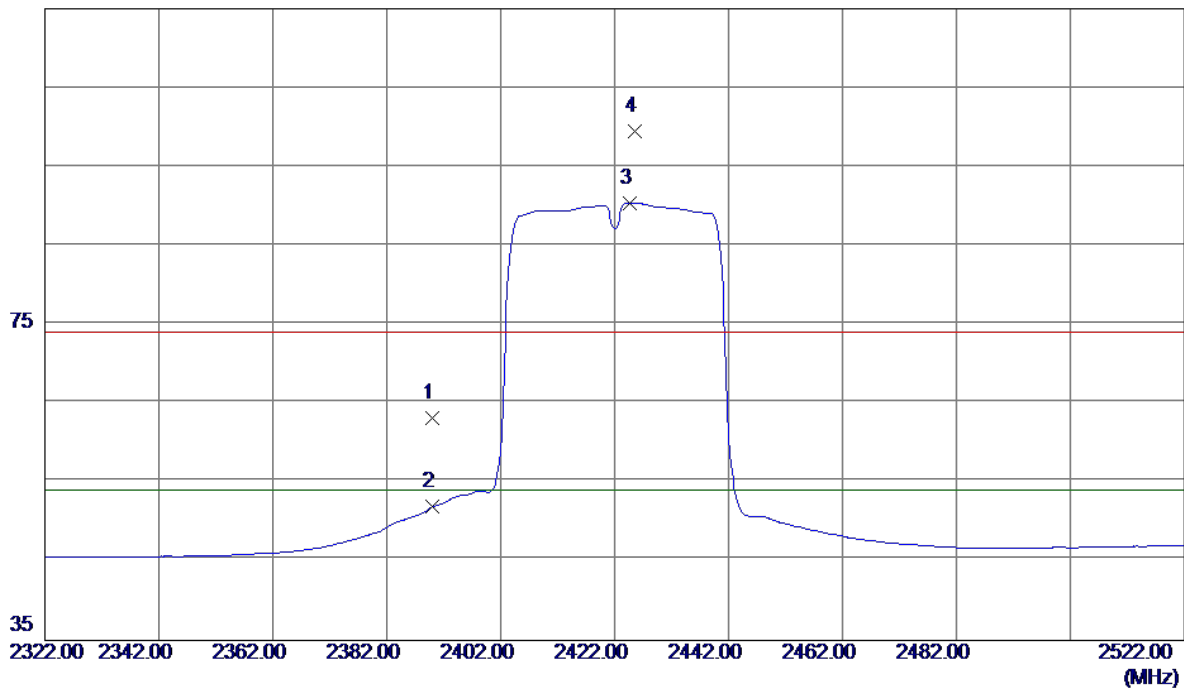


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4842.4000	40.57	4.77	45.34	54.00	-8.66	AVG	
2	4845.0000	49.14	4.78	53.92	74.00	-20.08	Peak	

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

Horizontal

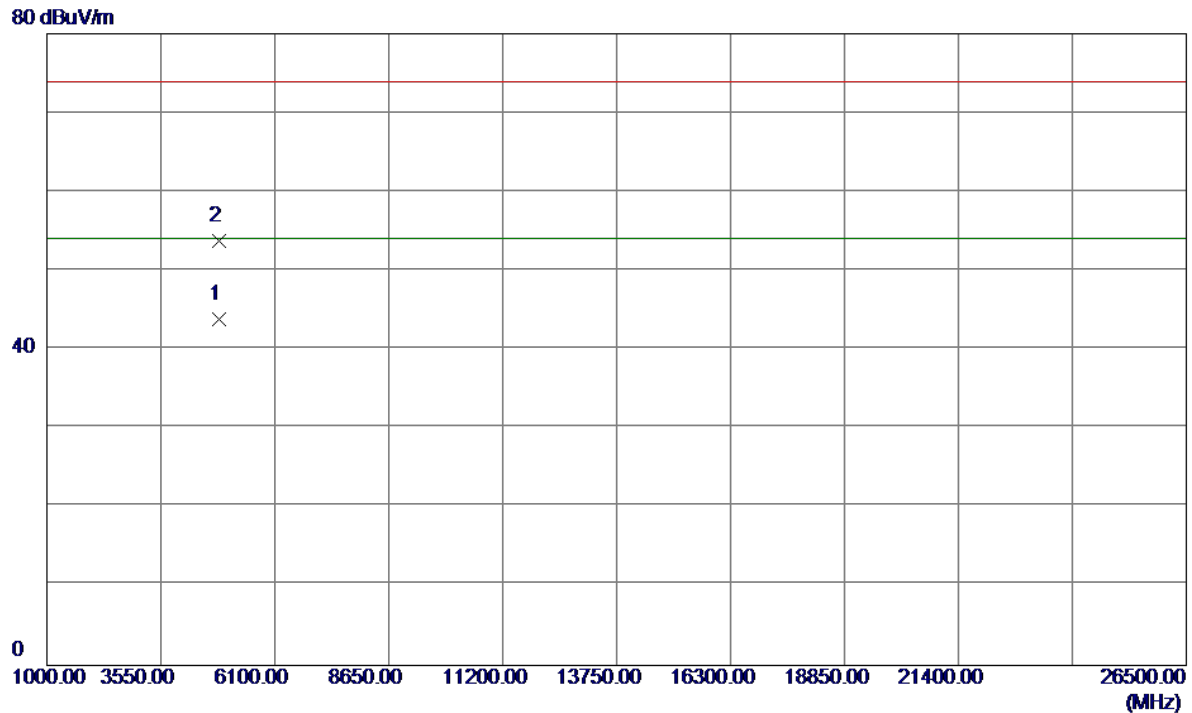
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	30.33	32.77	63.10	74.00	-10.90	Peak	
2	2390.0000	19.13	32.77	51.90	54.00	-2.10	AVG	
3 *	2424.6000	57.51	32.91	90.42	54.00	36.42	AVG	NO LIMIT
4	2425.6000	66.51	32.91	99.42	74.00	25.42	Peak	NO LIMIT

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

Horizontal

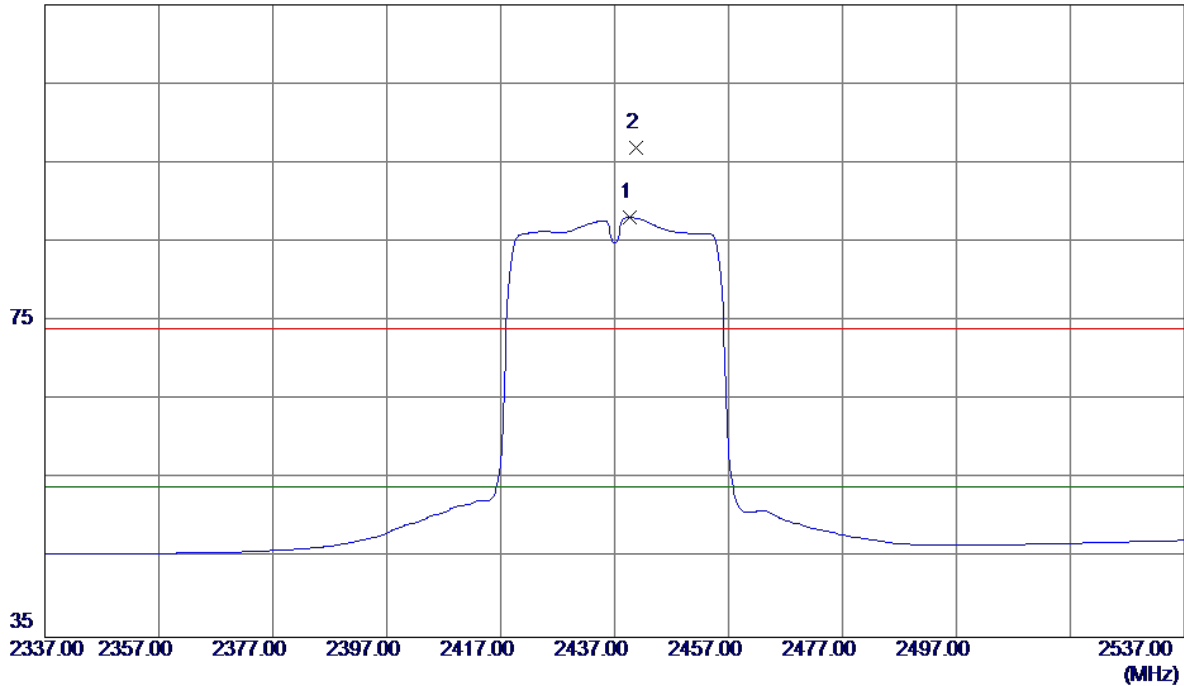


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4843.5000	39.10	4.77	43.87	54.00	-10.13	AVG	
2	4845.0000	49.04	4.78	53.82	74.00	-20.18	Peak	

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

Vertical

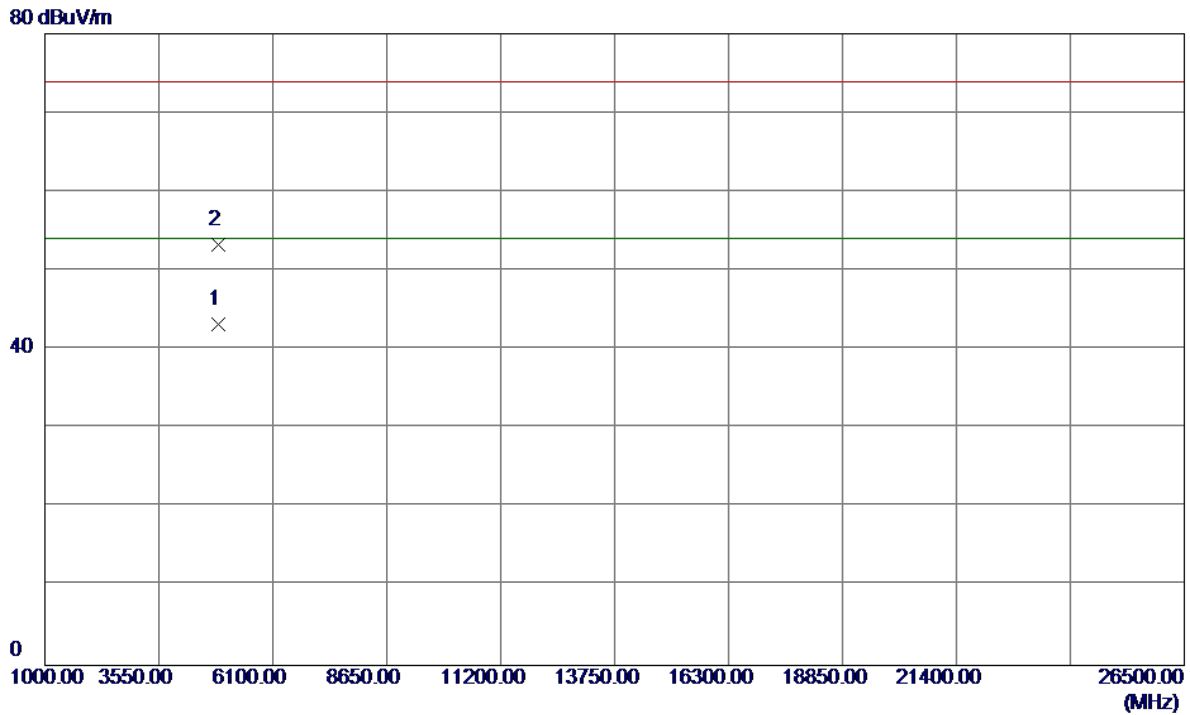
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2439.6000	55.13	32.97	88.10	54.00	34.10	AVG	NO LIMIT
2	2440.8000	63.99	32.98	96.97	74.00	22.97	Peak	NO LIMIT

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

Vertical

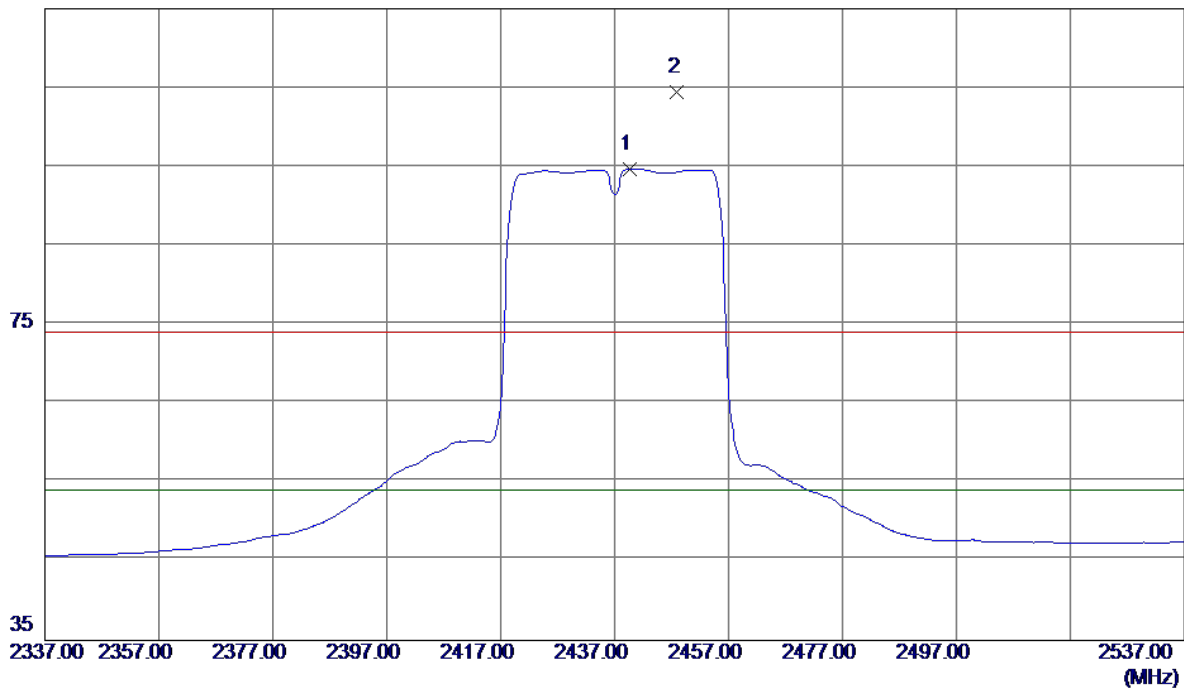


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4875.9000	38.35	4.90	43.25	54.00	-10.75	AVG	
2	4876.3000	48.36	4.90	53.26	74.00	-20.74	Peak	

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

Horizontal

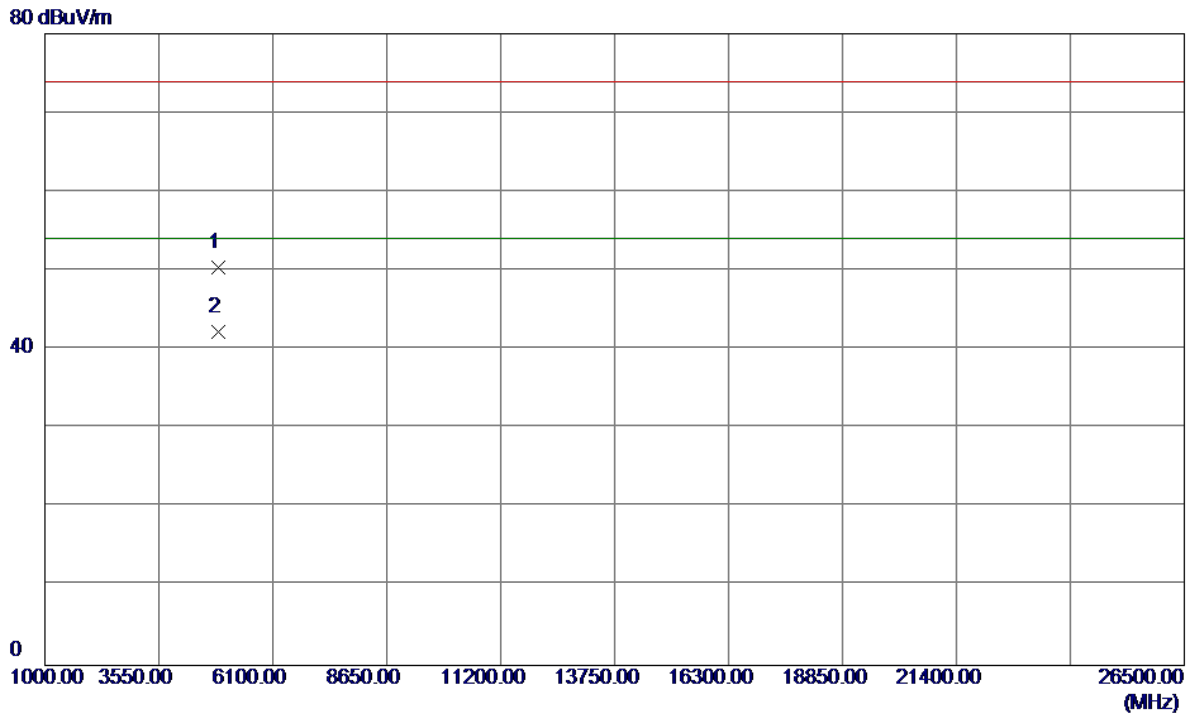
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2439.6000	61.76	32.97	94.73	54.00	40.73	AVG	NO LIMIT
2	2448.0000	71.40	33.01	104.41	74.00	30.41	Peak	NO LIMIT

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

Horizontal

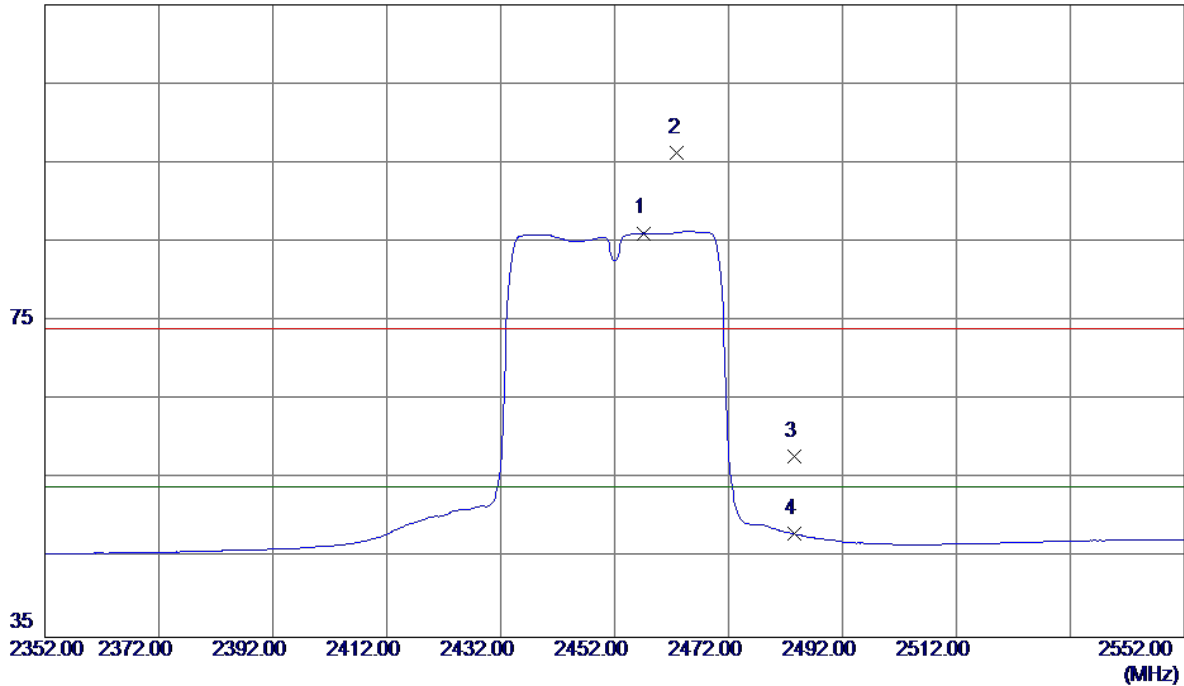


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.0000	45.46	4.88	50.34	74.00	-23.66	Peak	
2 *	4875.6000	37.40	4.89	42.29	54.00	-11.71	AVG	

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

Vertical

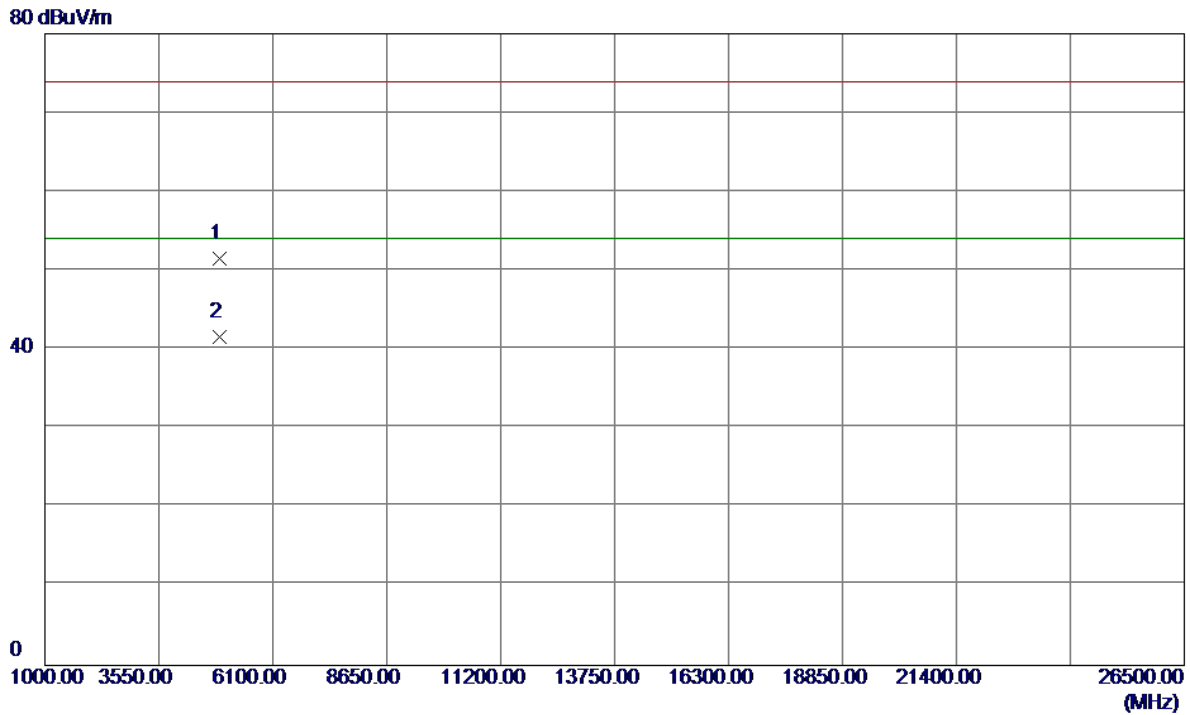
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2457.2000	53.08	33.04	86.12	54.00	32.12	AVG	NO LIMIT
2	2463.0000	63.14	33.07	96.21	74.00	22.21	Peak	NO LIMIT
3	2483.5000	24.71	33.15	57.86	74.00	-16.14	Peak	
4	2483.5000	14.90	33.15	48.05	54.00	-5.95	AVG	

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

Vertical

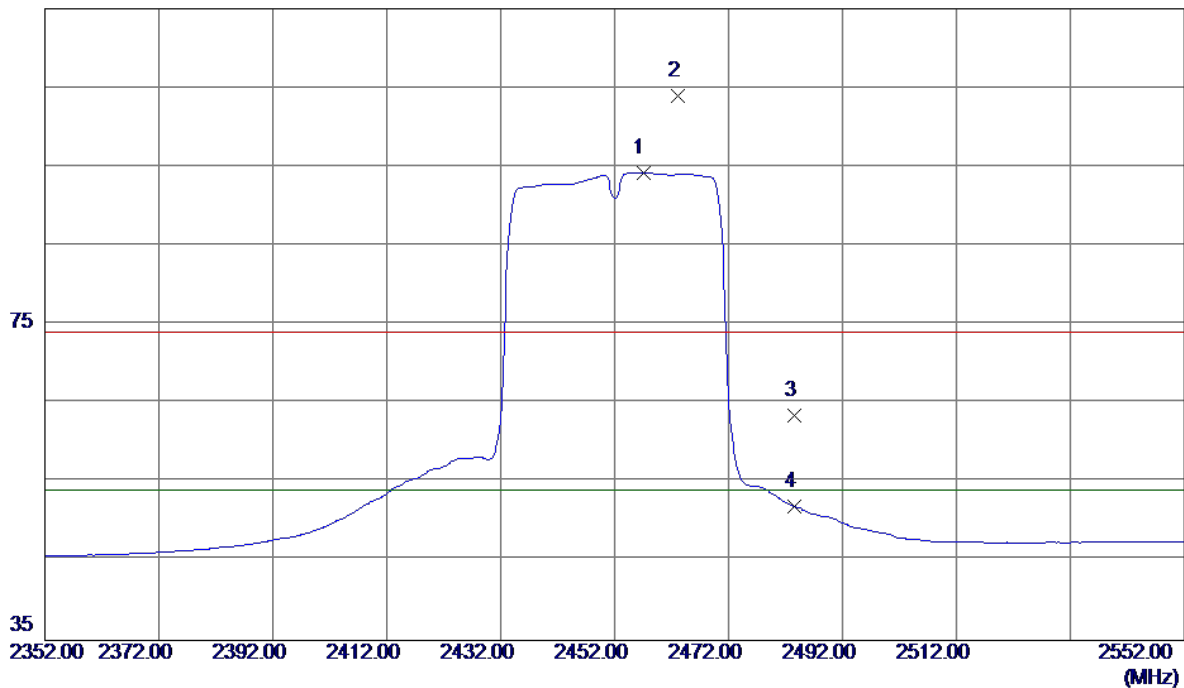


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4902.8000	46.53	5.00	51.53	74.00	-22.47	Peak	
2 *	4905.6000	36.52	5.01	41.53	54.00	-12.47	AVG	

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

Horizontal

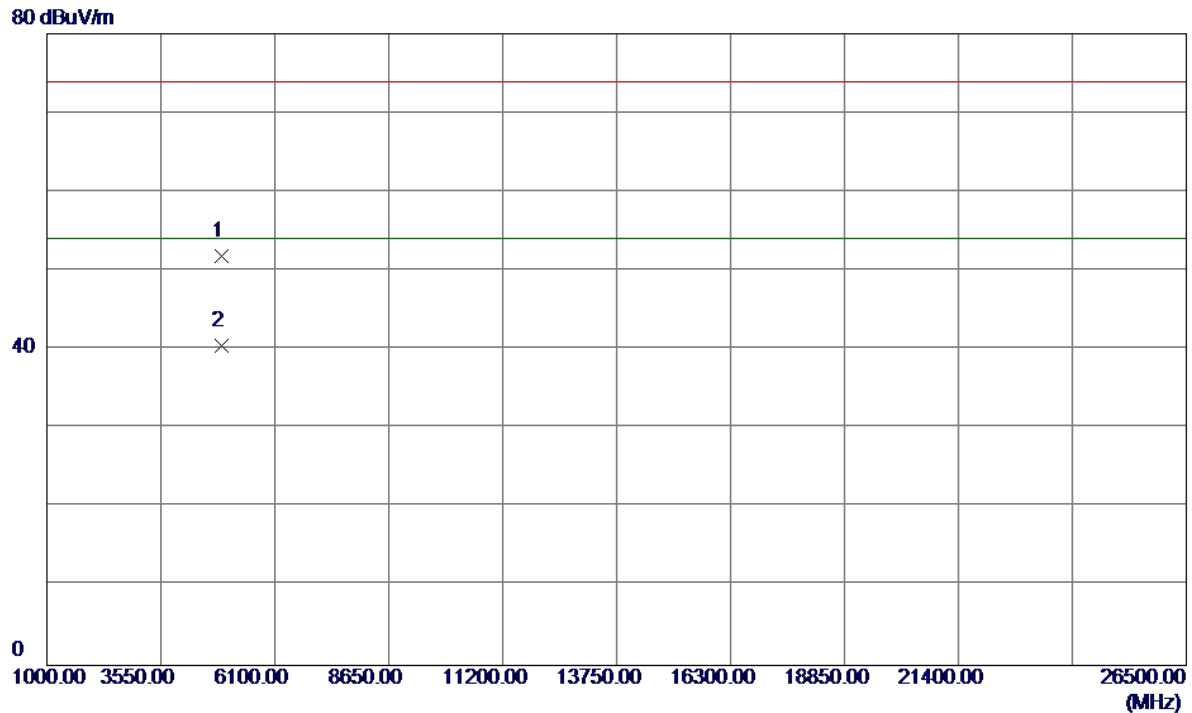
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2457.0000	61.20	33.04	94.24	54.00	40.24	AVG	NO LIMIT
2	2463.2000	70.85	33.07	103.92	74.00	29.92	Peak	NO LIMIT
3	2483.5000	30.37	33.15	63.52	74.00	-10.48	Peak	
4	2483.5000	18.79	33.15	51.94	54.00	-2.06	AVG	

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

Horizontal



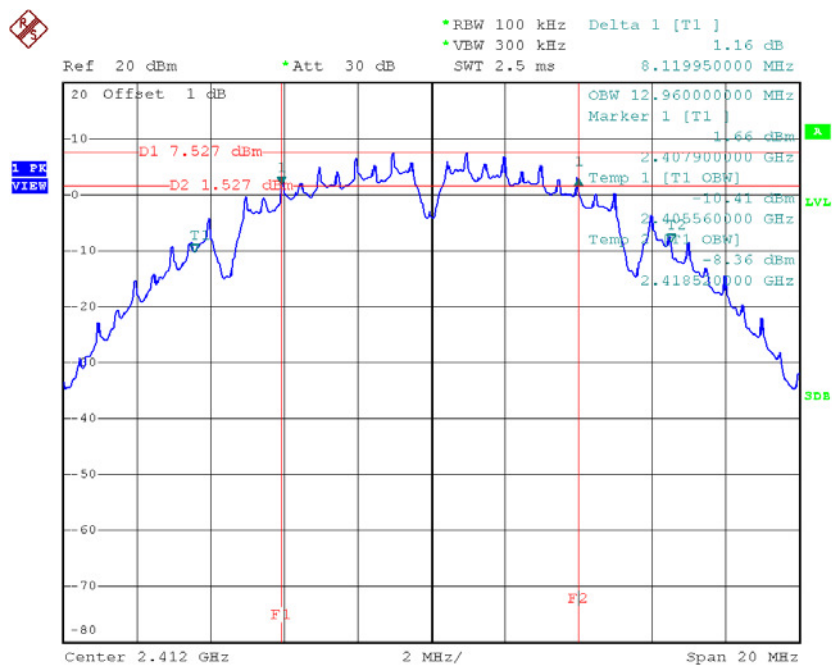
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4904.7000	46.82	5.01	51.83	74.00	-22.17	Peak	
2 *	4905.5000	35.54	5.01	40.55	54.00	-13.45	AVG	

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

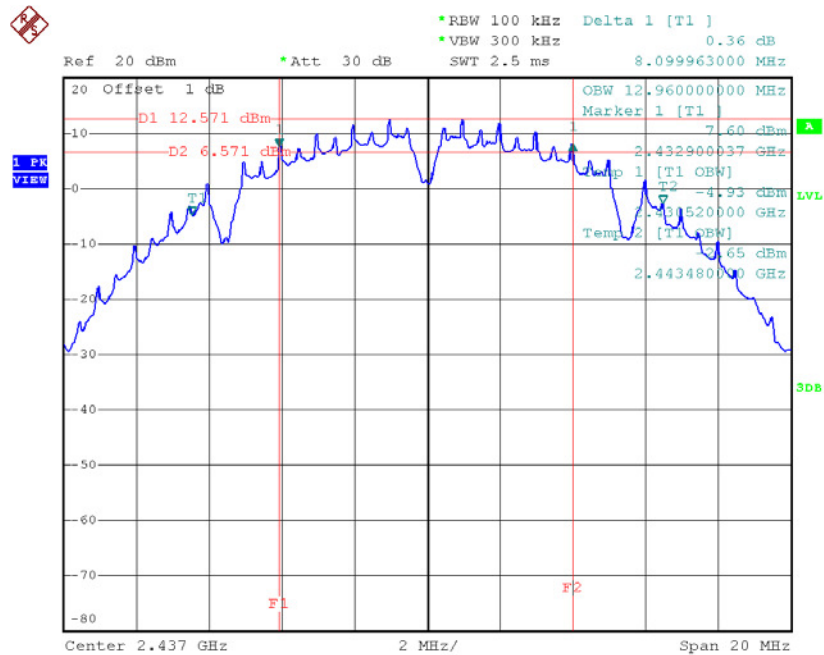
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	8.12	12.96	500	Complies
2437	8.10	12.96	500	Complies
2462	8.10	12.92	500	Complies

TX CH01



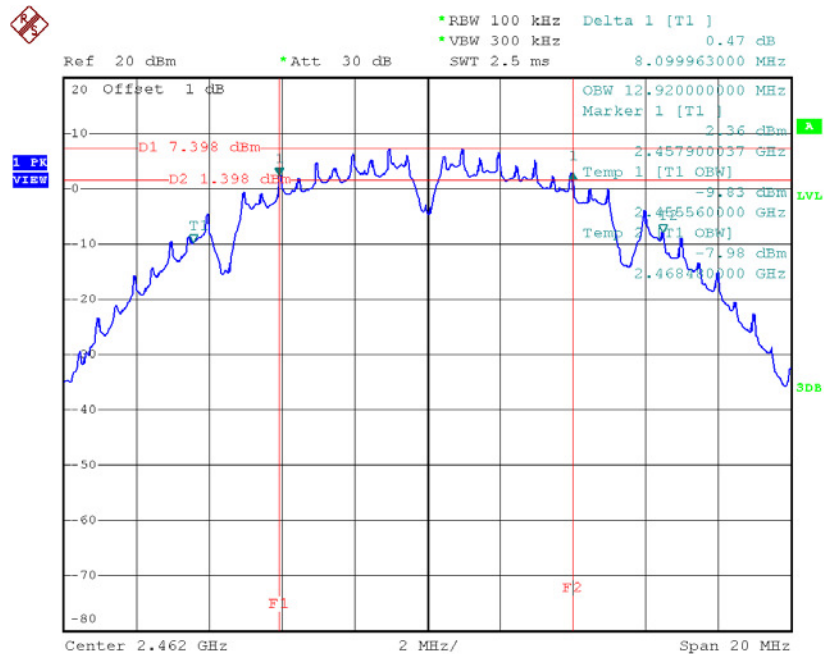
Date: 6.JUN.2016 21:58:12

TX CH06



Date: 6.JUN.2016 21:59:32

TX CH11

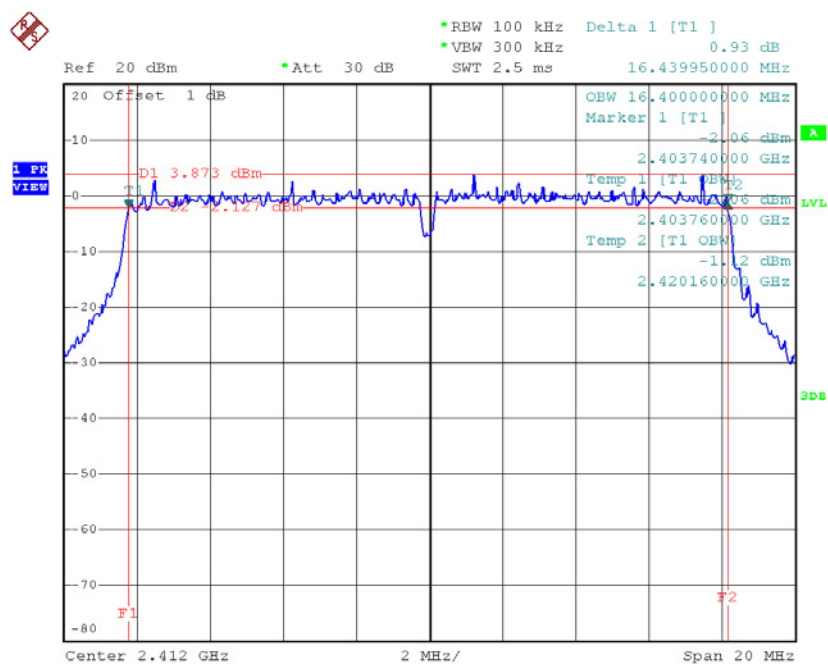


Date: 6.JUN.2016 22:00:45

Test Mode: TX G Mode_CH01/06/11

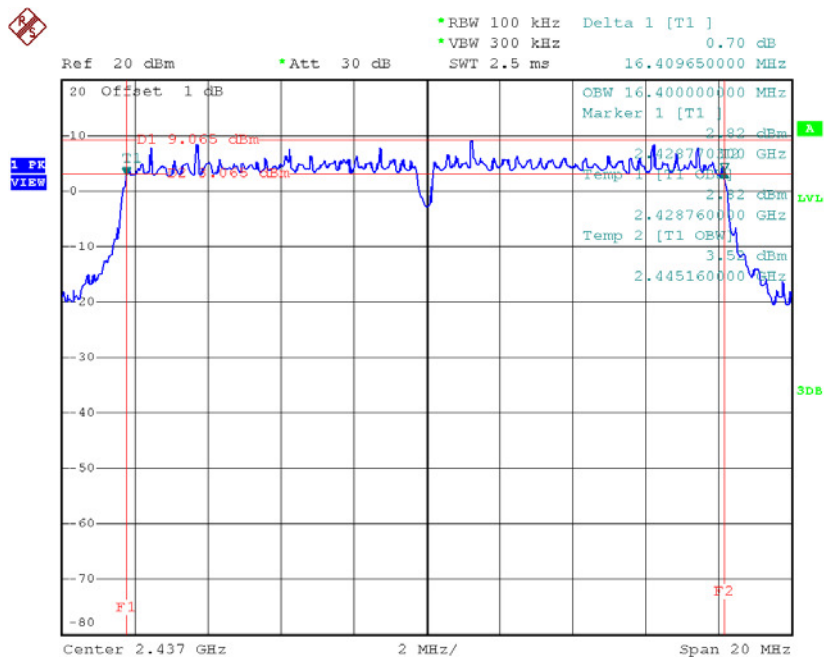
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.44	16.40	500	Complies
2437	16.41	16.40	500	Complies
2462	16.41	16.40	500	Complies

TX CH01



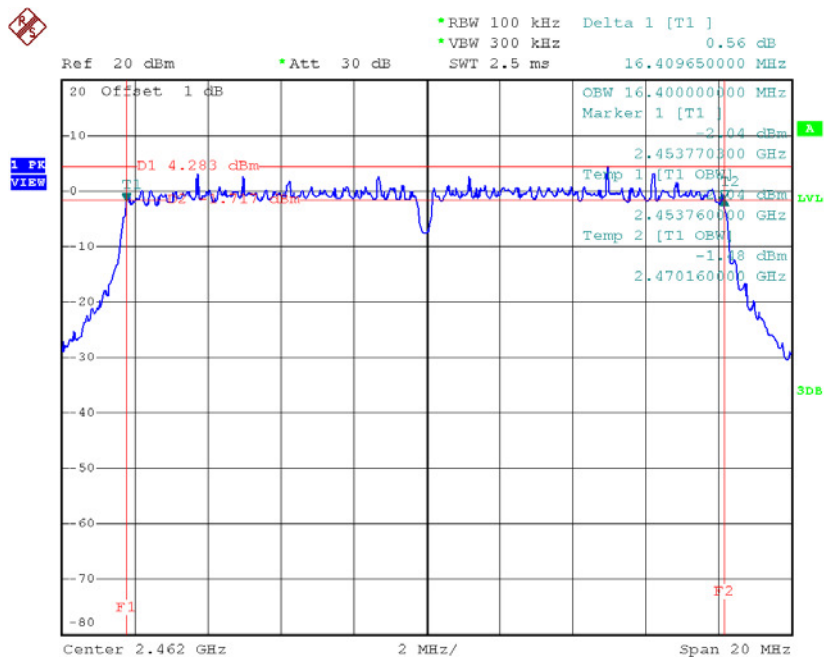
Date: 6.JUN.2016 22:03:21

TX CH06



Date: 6.JUN.2016 22:06:02

TX CH11

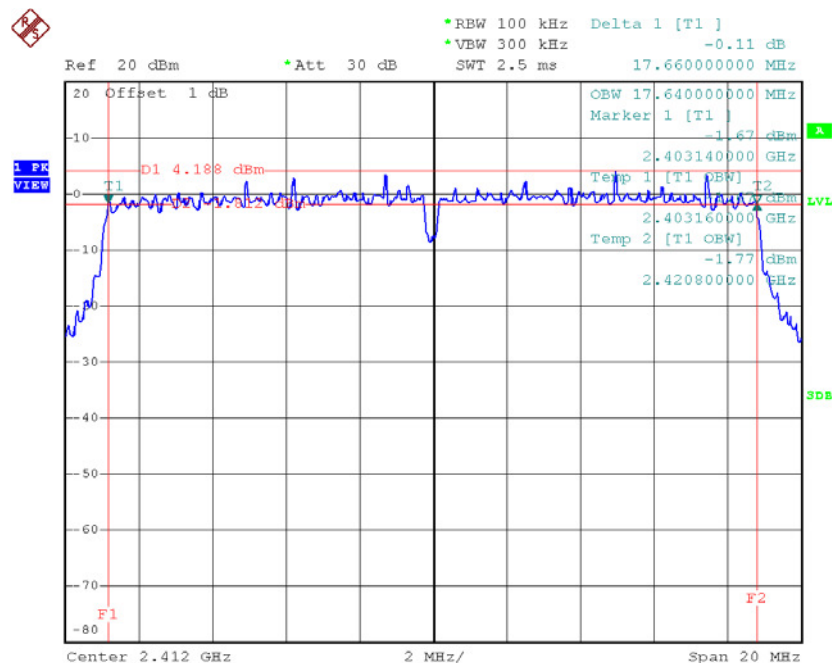


Date: 6.JUN.2016 22:06:57

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

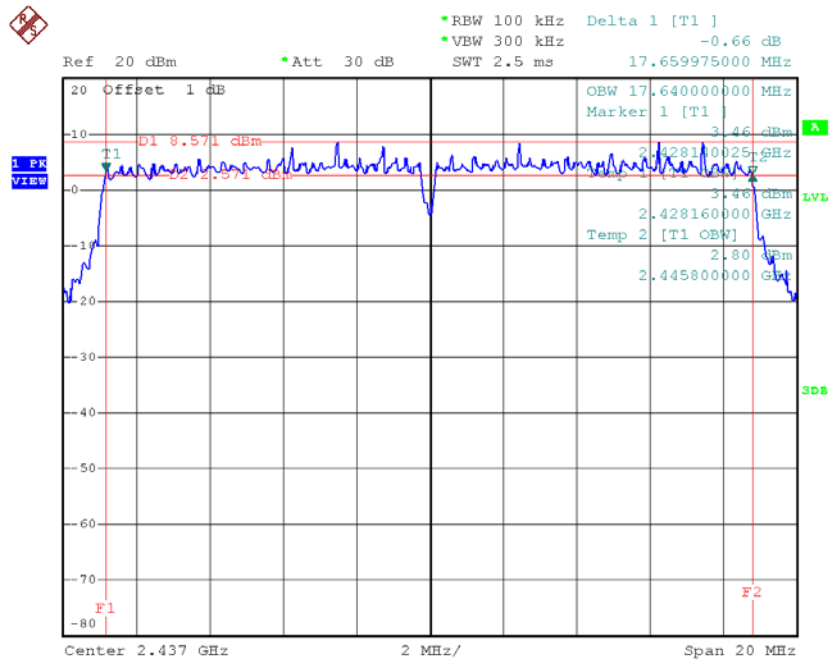
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.66	17.64	500	Complies
2437	17.66	17.64	500	Complies
2462	17.64	17.64	500	Complies

TX CH01



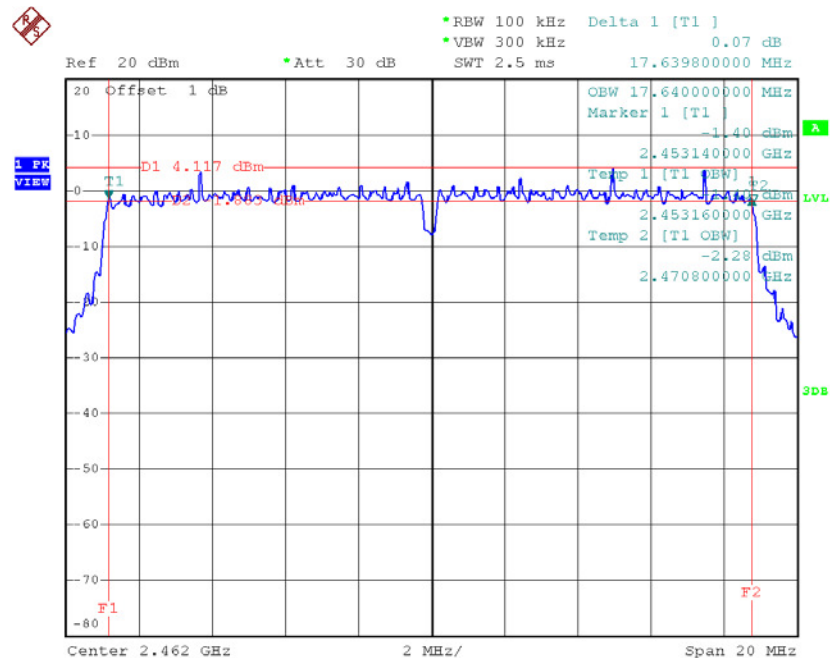
Date: 6.JUN.2016 22:07:57

TX CH06



Date: 6.JUN.2016 22:08:55

TX CH11

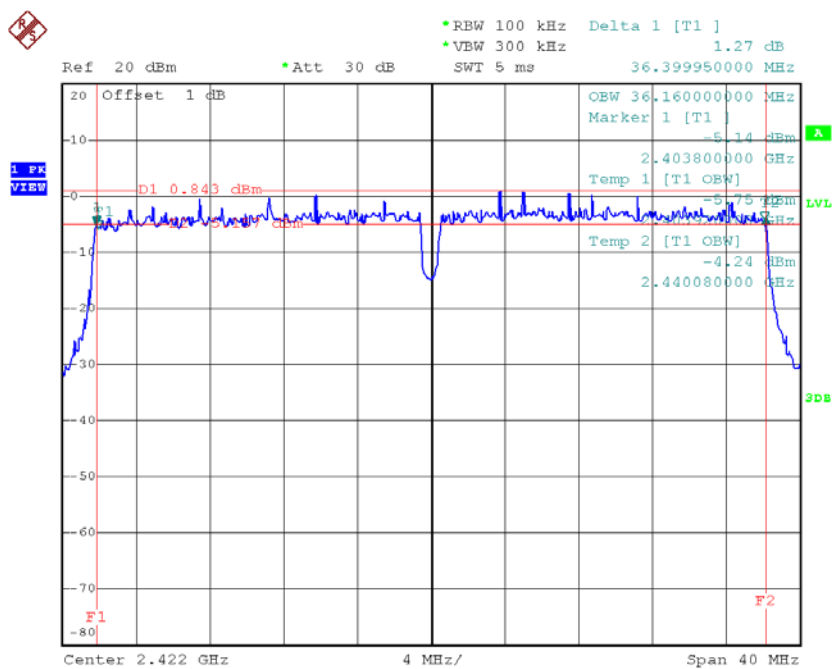


Date: 6.JUN.2016 22:09:47

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

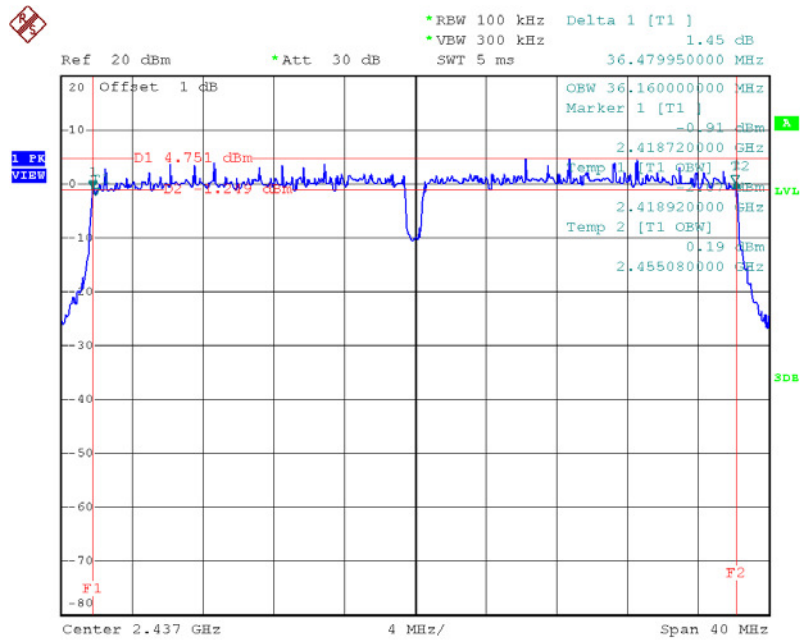
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.40	36.16	500	Complies
2437	36.48	36.16	500	Complies
2452	36.16	36.16	500	Complies

TX CH03



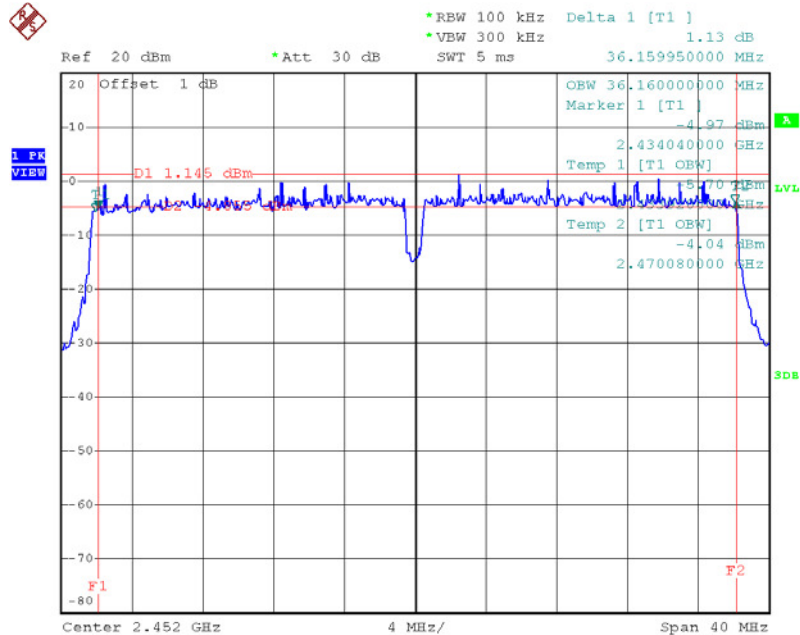
Date: 6.JUN.2016 22:10:45

TX CH06



Date: 6.JUN.2016 22:12:28

TX CH09



Date: 6.JUN.2016 22:13:22

ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

For 1T1R

Test Mode :TX B Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.58	0.04	22.33	0.17	Complies
2437	20.43	0.11	22.33	0.17	Complies
2462	15.44	0.03	22.33	0.17	Complies

Test Mode :TX G Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	16.08	0.04	22.33	0.17	Complies
2437	21.03	0.13	22.33	0.17	Complies
2462	16.24	0.04	22.33	0.17	Complies

Test Mode :TX N20 Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	16.32	0.04	22.33	0.17	Complies
2437	21.26	0.13	22.33	0.17	Complies
2462	16.18	0.04	22.33	0.17	Complies

Test Mode :TX N40 Mode_CH03/06/09					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	16.24	0.04	22.33	0.17	Complies
2437	20.21	0.10	22.33	0.17	Complies
2452	16.23	0.04	22.33	0.17	Complies

For 2T2R

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	12.43	0.02	22.33	0.17	Complies
2437	18.71	0.07	22.33	0.17	Complies
2462	12.44	0.02	22.33	0.17	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	12.57	0.02	22.33	0.17	Complies
2437	18.83	0.08	22.33	0.17	Complies
2462	12.27	0.02	22.33	0.17	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	15.51	0.04	22.33	0.17	Complies
2437	21.78	0.15	22.33	0.17	Complies
2462	15.37	0.03	22.33	0.17	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	13.16	0.02	22.33	0.17	Complies
2437	18.69	0.07	22.33	0.17	Complies
2462	13.12	0.02	22.33	0.17	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	13.27	0.02	22.33	0.17	Complies
2437	18.78	0.08	22.33	0.17	Complies
2462	13.11	0.02	22.33	0.17	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	16.23	0.04	22.33	0.17	Complies
2437	21.75	0.15	22.33	0.17	Complies
2462	16.13	0.04	22.33	0.17	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	13.08	0.02	22.33	0.17	Complies
2437	18.67	0.07	22.33	0.17	Complies
2462	13.26	0.02	22.33	0.17	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	13.16	0.02	22.33	0.17	Complies
2437	18.52	0.07	22.33	0.17	Complies
2462	13.18	0.02	22.33	0.17	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	16.13	0.04	22.33	0.17	Complies
2437	21.61	0.14	22.33	0.17	Complies
2462	16.23	0.04	22.33	0.17	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	13.24	0.02	22.33	0.17	Complies
2437	18.64	0.07	22.33	0.17	Complies
2452	13.39	0.02	22.33	0.17	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	13.08	0.02	22.33	0.17	Complies
2437	18.56	0.07	22.33	0.17	Complies
2452	13.17	0.02	22.33	0.17	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	16.17	0.04	22.33	0.17	Complies
2437	21.61	0.14	22.33	0.17	Complies
2452	16.29	0.04	22.33	0.17	Complies

For 2T2R-with Beamforming

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	9.58	0.01	22.33	0.17	Complies
2437	16.44	0.04	22.33	0.17	Complies
2462	9.62	0.01	22.33	0.17	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	9.24	0.01	22.33	0.17	Complies
2437	16.32	0.04	22.33	0.17	Complies
2462	9.53	0.01	22.33	0.17	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	12.42	0.02	22.33	0.17	Complies
2437	19.39	0.09	22.33	0.17	Complies
2462	12.59	0.02	22.33	0.17	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	10.16	0.01	22.33	0.17	Complies
2437	17.08	0.05	22.33	0.17	Complies
2452	10.16	0.01	22.33	0.17	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	10.34	0.01	22.33	0.17	Complies
2437	17.29	0.05	22.33	0.17	Complies
2452	10.15	0.01	22.33	0.17	Complies

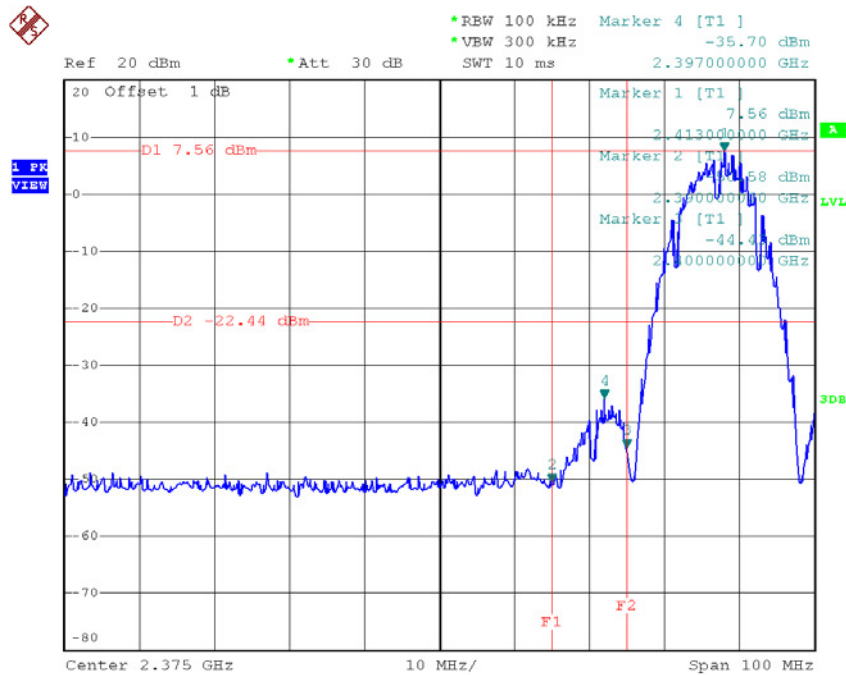
Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	13.26	0.02	22.33	0.17	Complies
2437	20.20	0.10	22.33	0.17	Complies
2452	13.17	0.02	22.33	0.17	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

For 1T1R

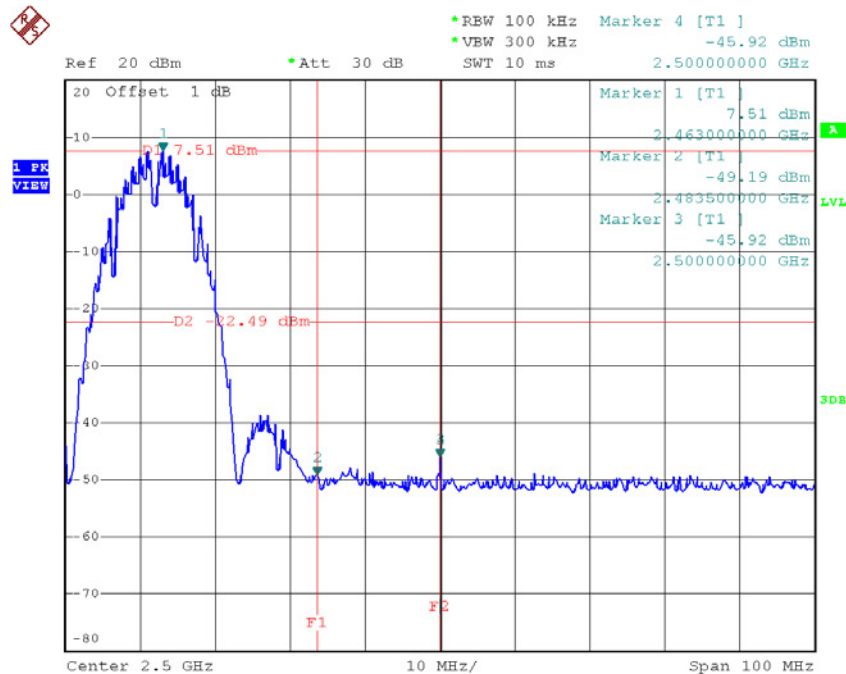
Test Mode :	TX B Mode
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TX B mode CH01



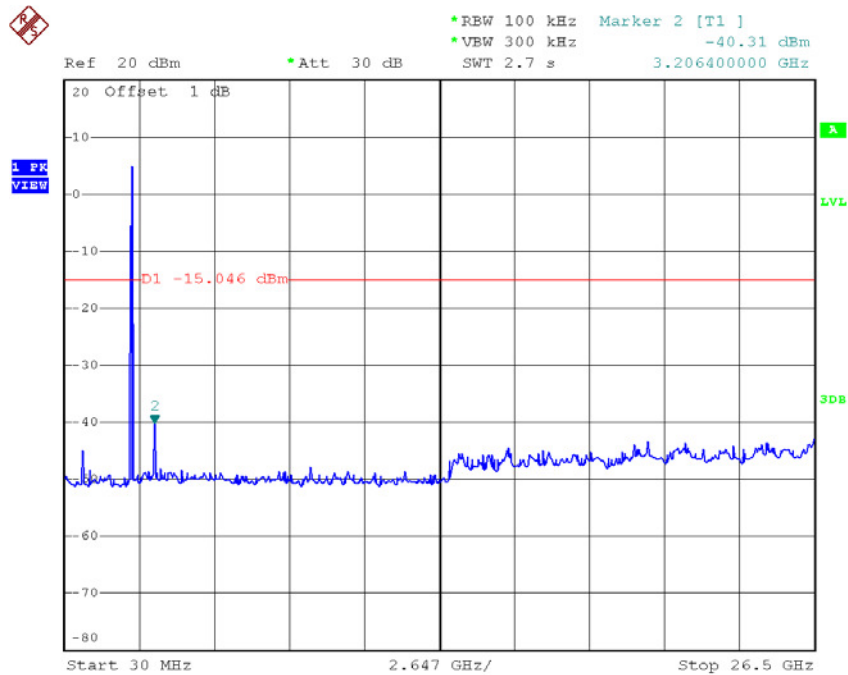
Date: 7.JUN.2016 11:57:13

TX B mode CH11



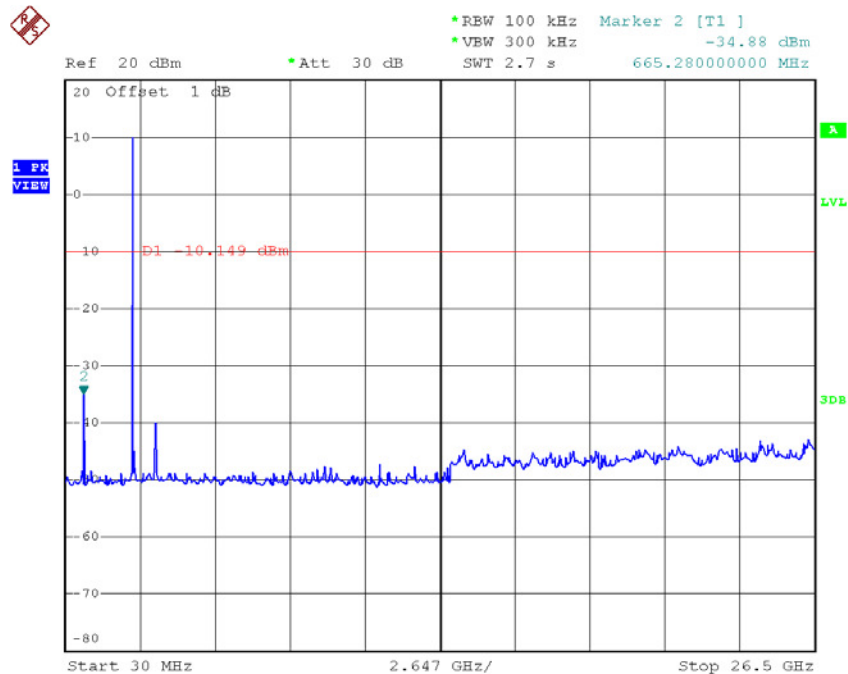
Date: 7.JUN.2016 11:54:39

TX B mode CH01 (10 Harmonic of the frequency)



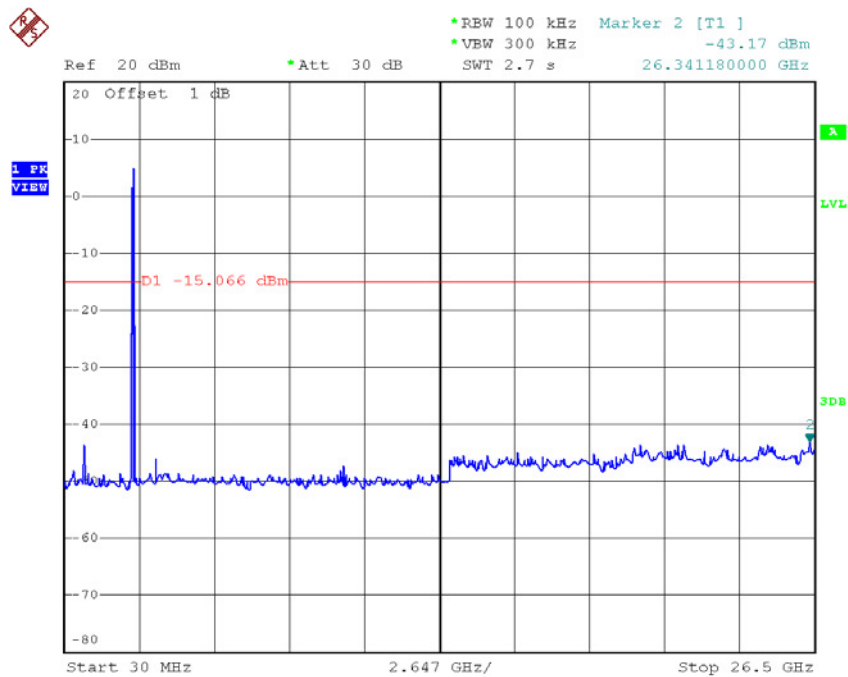
Date: 6.JUN.2016 21:58:26

TX B mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 21:59:46

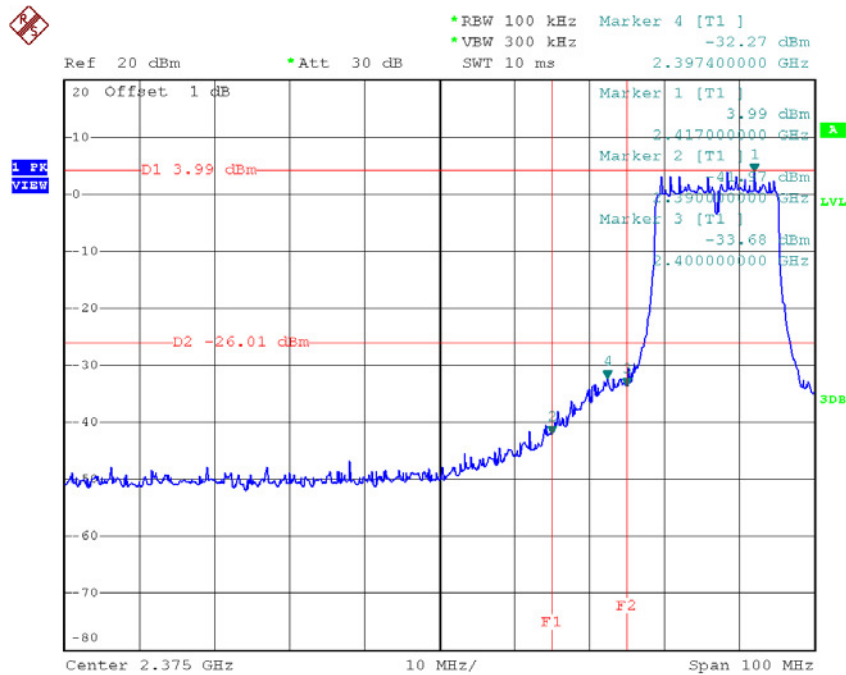
TX B mode CH11 (10 Harmonic of the frequency)



Date: 6.JUN.2016 22:00:58

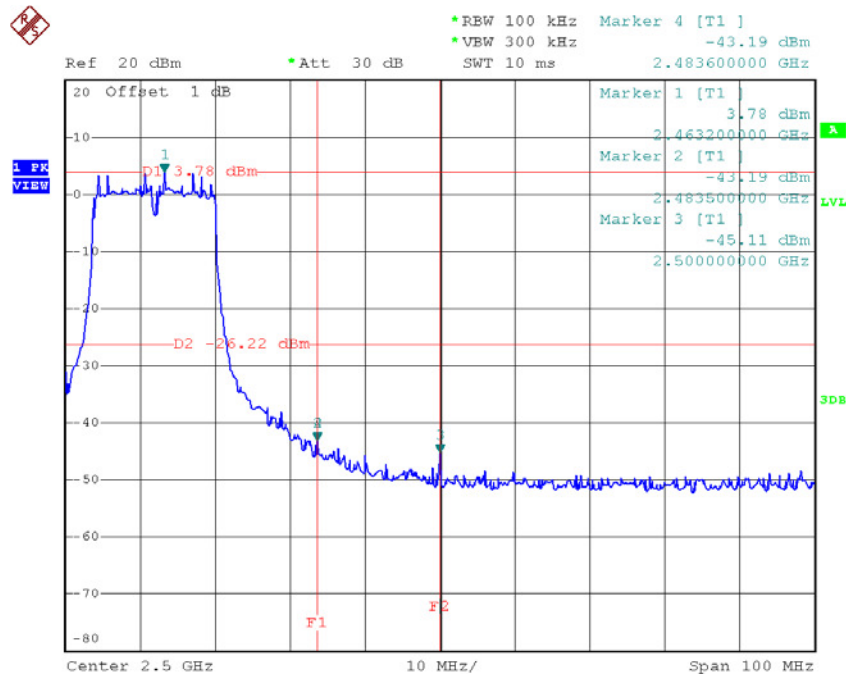
Test Mode :	TX G Mode
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TX G mode CH01



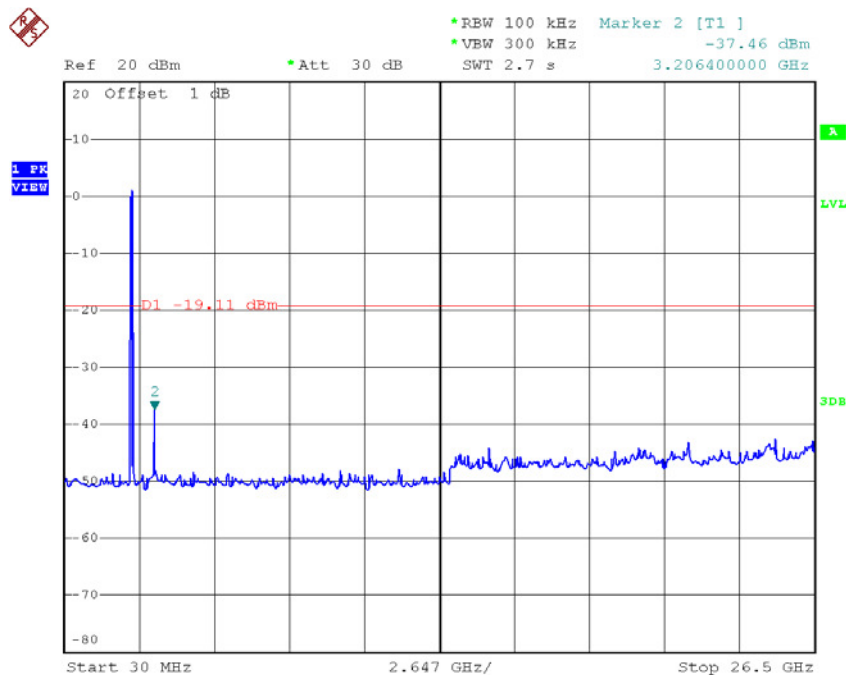
Date: 7.JUN.2016 11:58:26

TX G mode CH11



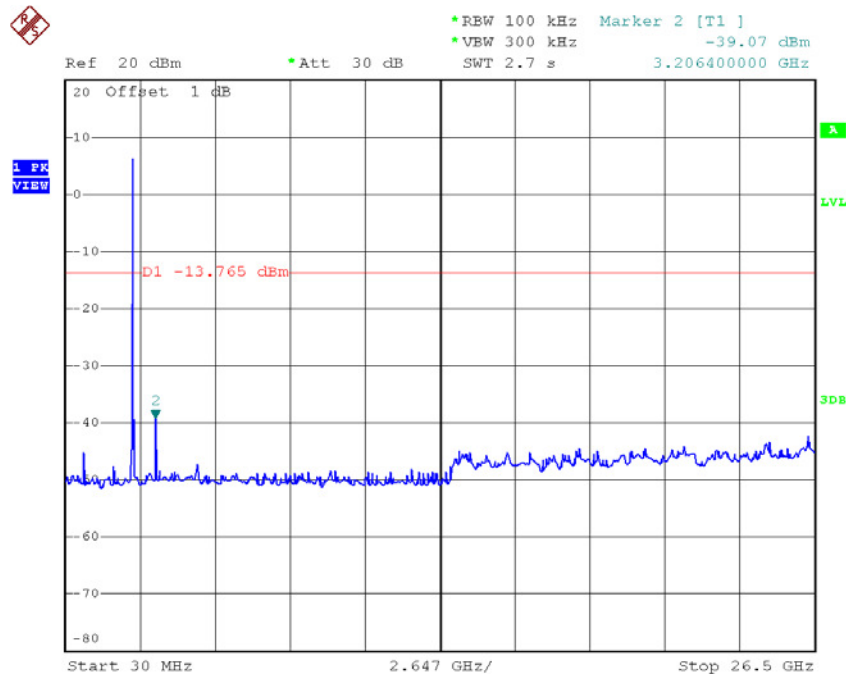
Date: 7.JUN.2016 11:53:33

TX G mode CH01 (10 Harmonic of the frequency)



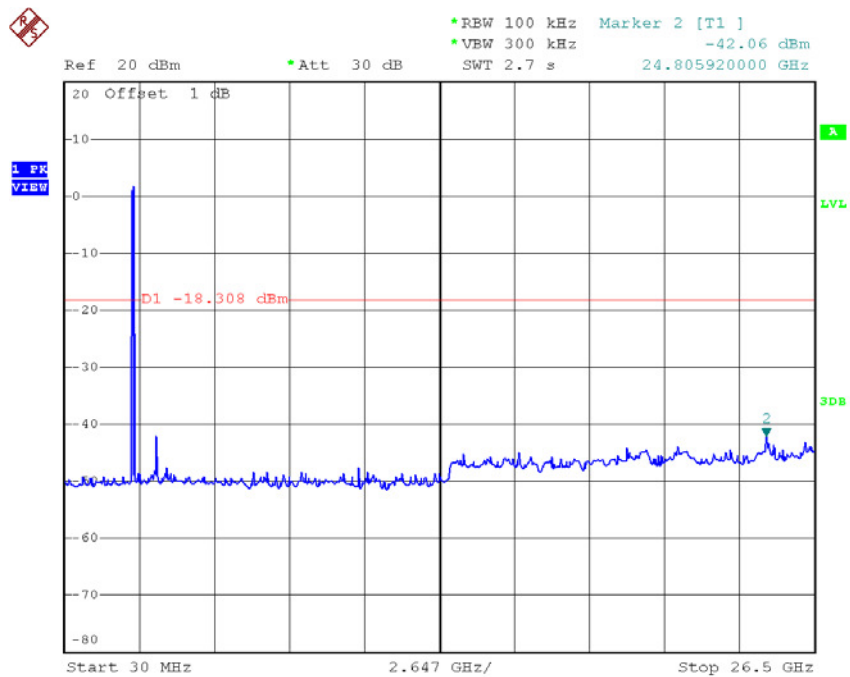
Date: 6.JUN.2016 22:03:35

TX G mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 22:06:16

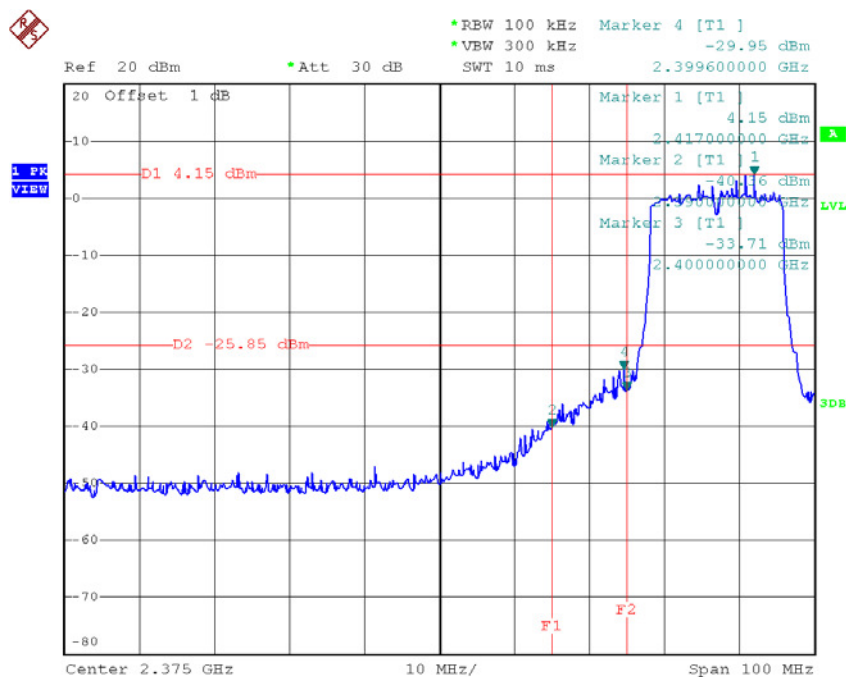
TX G mode CH11 (10 Harmonic of the frequency)



Date: 6.JUN.2016 22:07:11

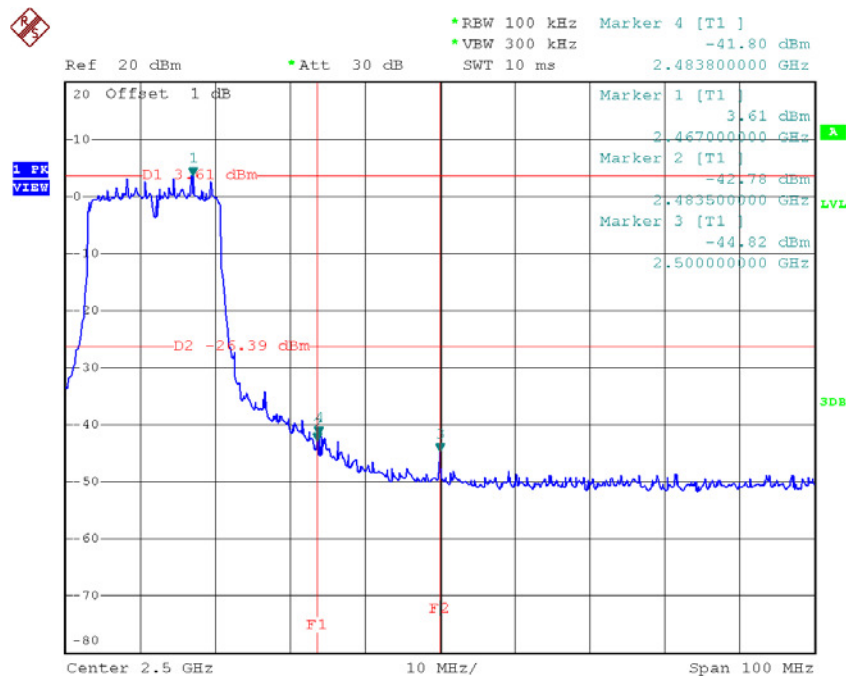
Test Mode :	TX N-20M Mode
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TX HT20 mode CH01



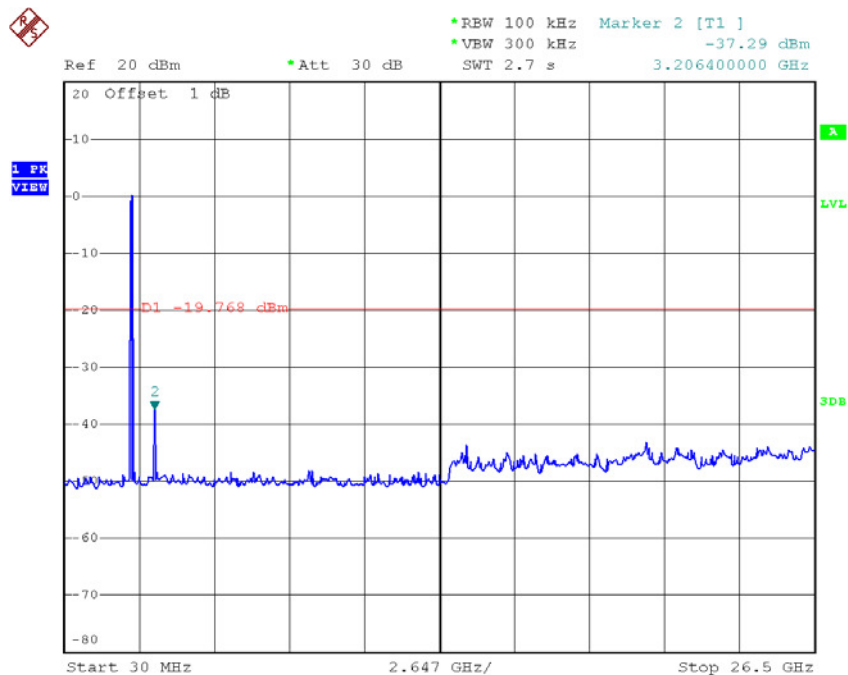
Date: 7.JUN.2016 11:59:10

TX HT20 mode CH11



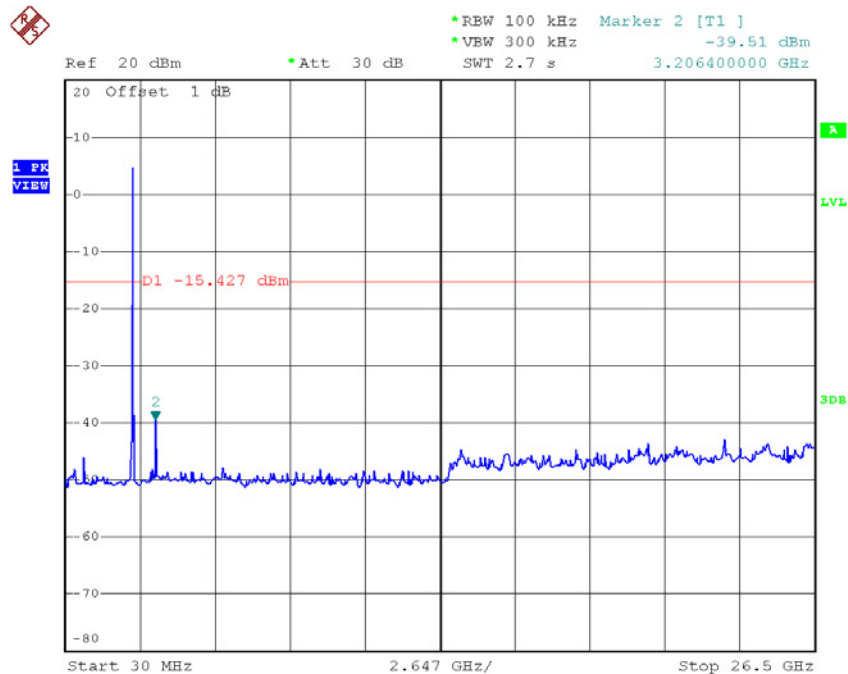
Date: 7.JUN.2016 11:51:11

TX HT20 mode CH01 (10 Harmonic of the frequency)



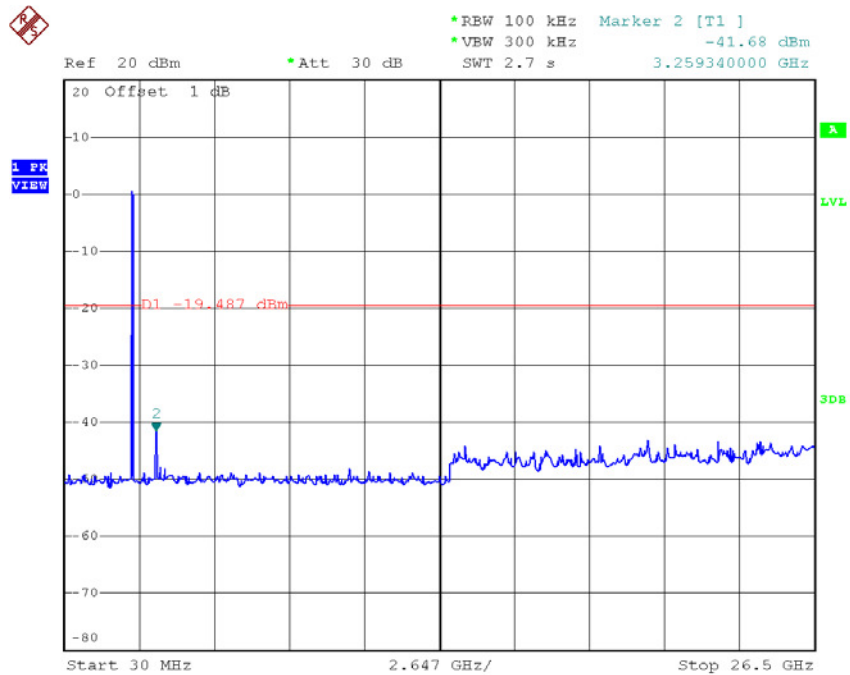
Date: 6.JUN.2016 22:08:11

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 22:09:09

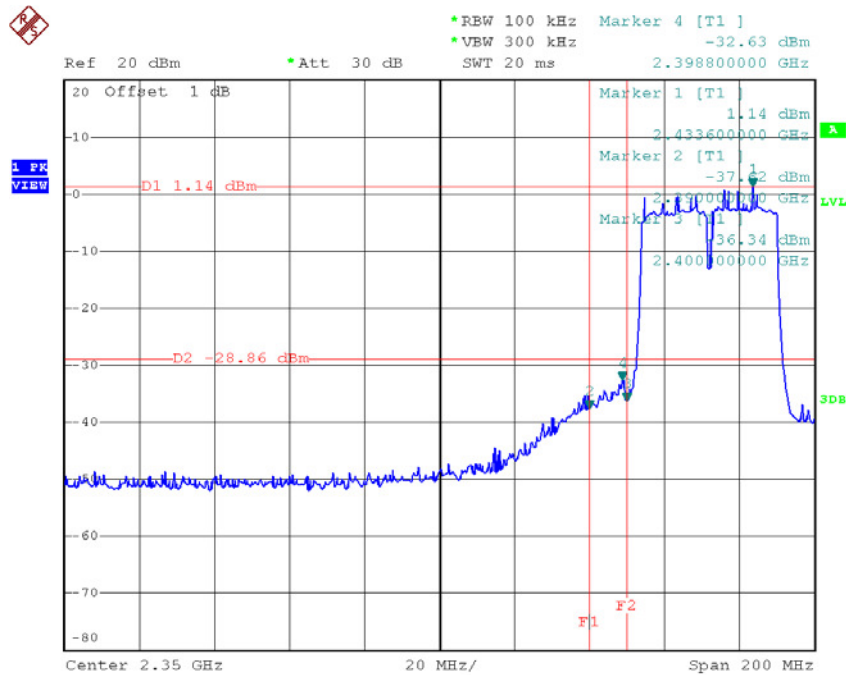
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 6.JUN.2016 22:10:01

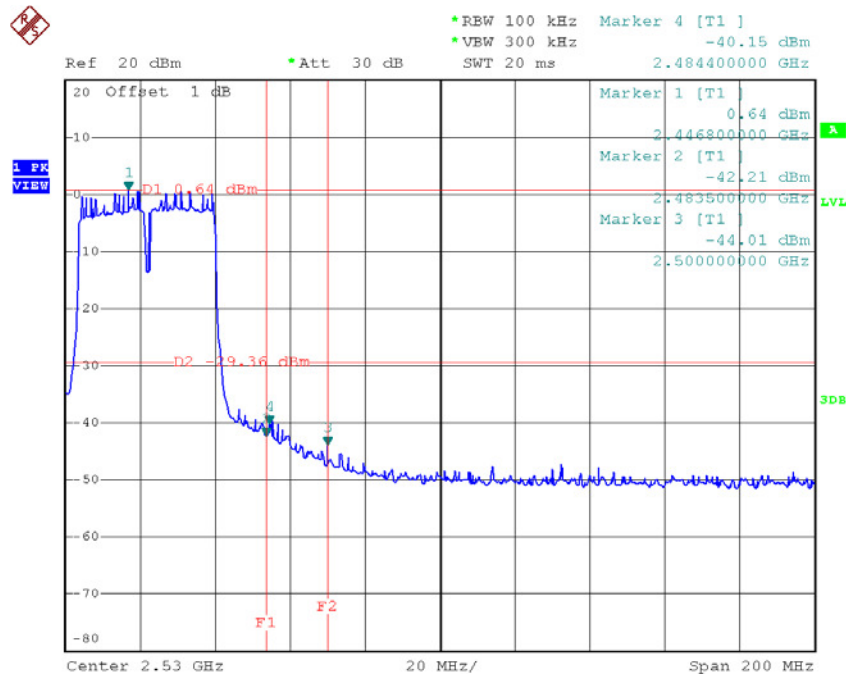
Test Mode :	TX N-40M Mode
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TX HT40 mode CH03



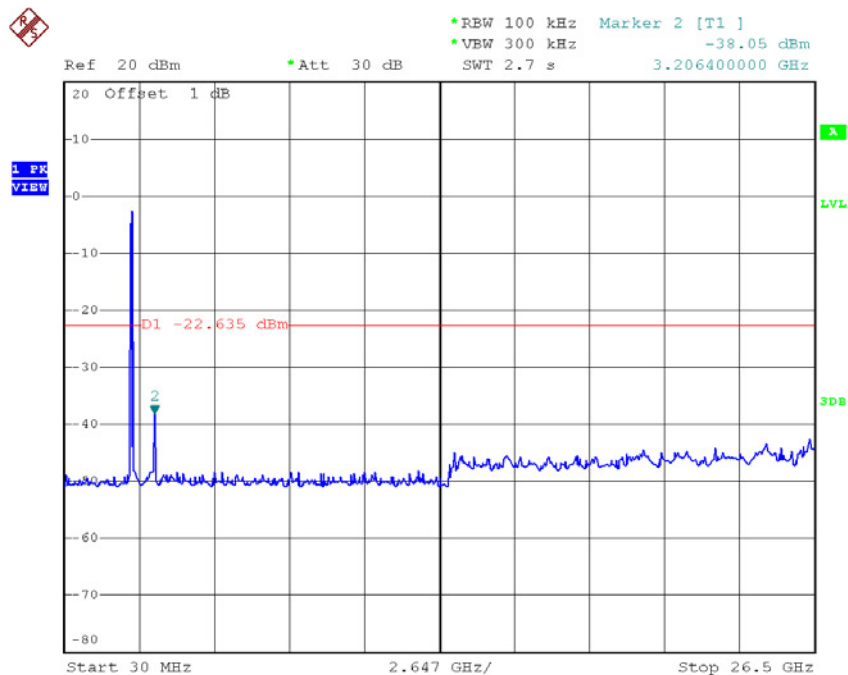
Date: 7.JUN.2016 11:42:57

TX HT40 mode CH09



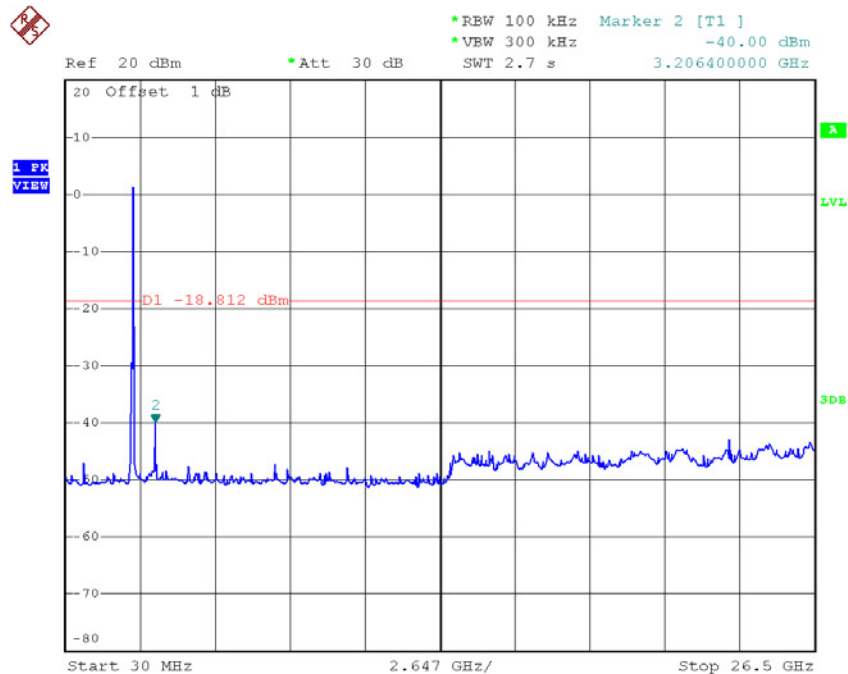
Date: 7.JUN.2016 11:41:34

TX HT40 mode CH03 (10 Harmonic of the frequency)



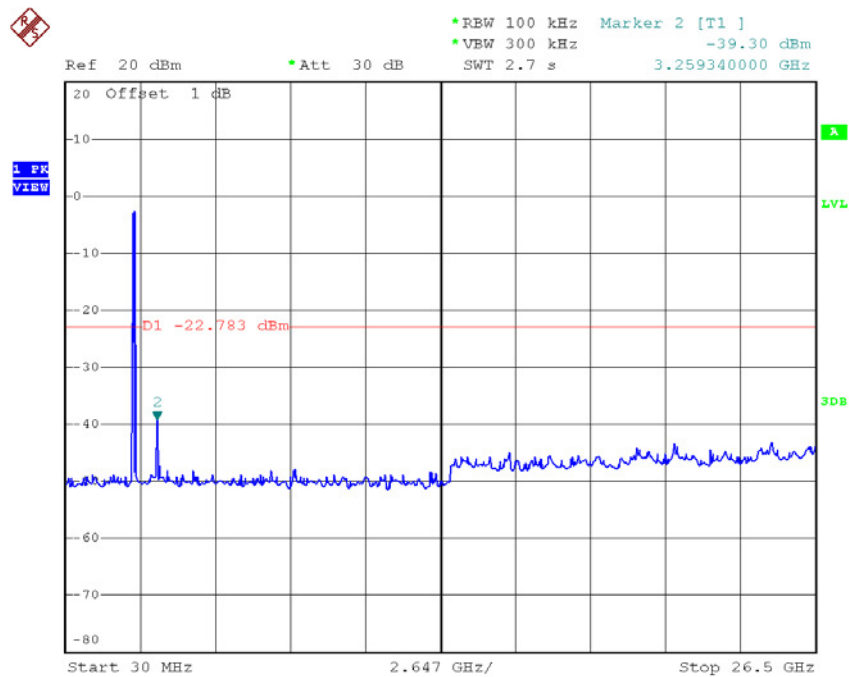
Date: 6.JUN.2016 22:10:59

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 22:12:42

TX HT40 mode CH09 (10 Harmonic of the frequency)

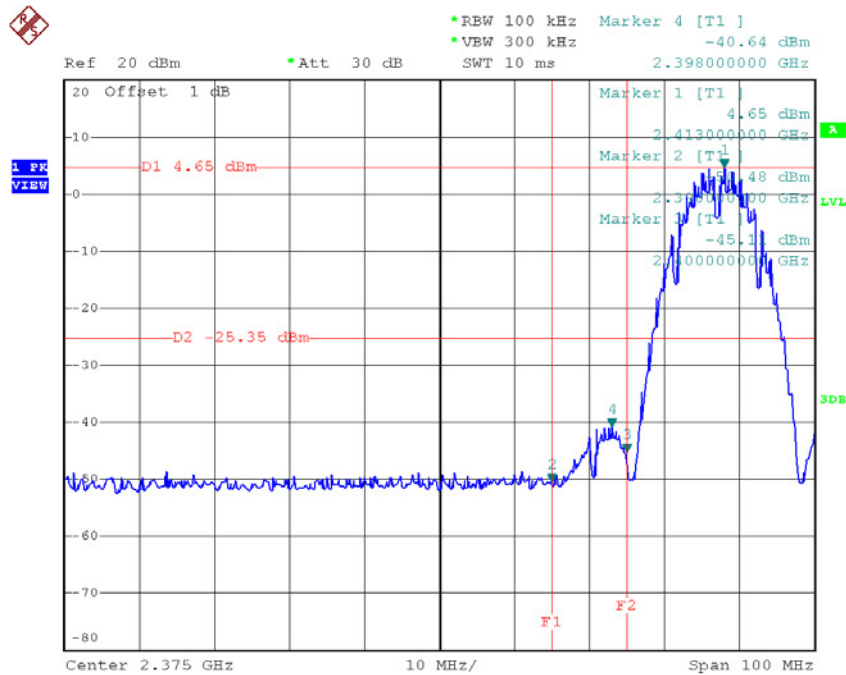


Date: 6.JUN.2016 22:13:36

For 2T2R

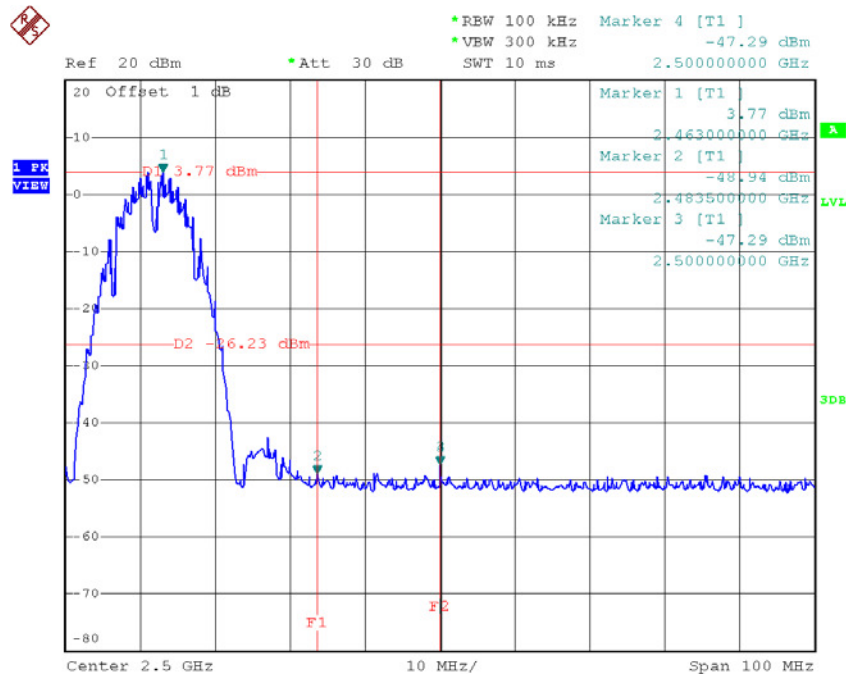
Test Mode :	TX B Mode_ANT 1
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TX B mode CH01



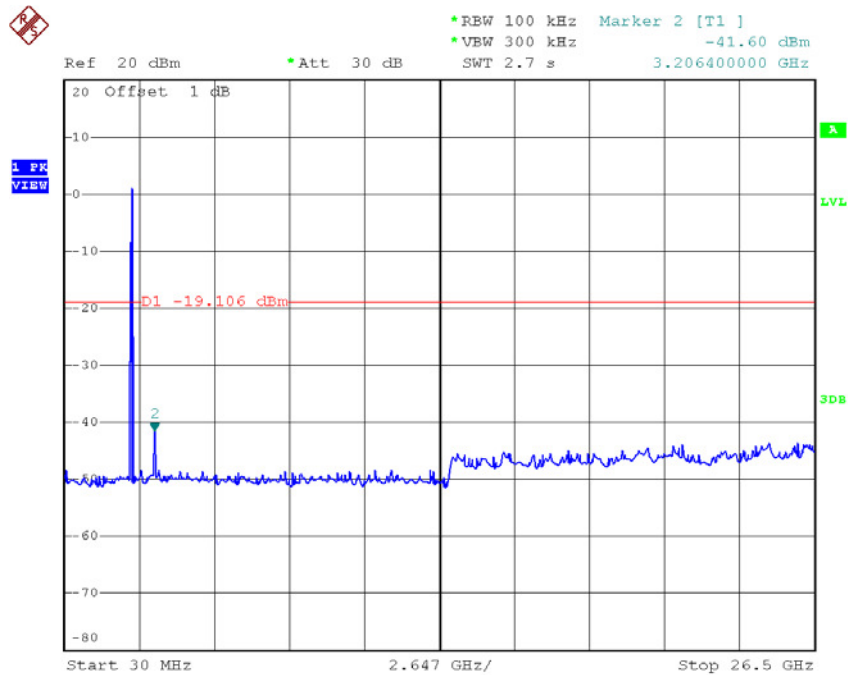
Date: 7.JUN.2016 12:04:27

TX B mode CH11



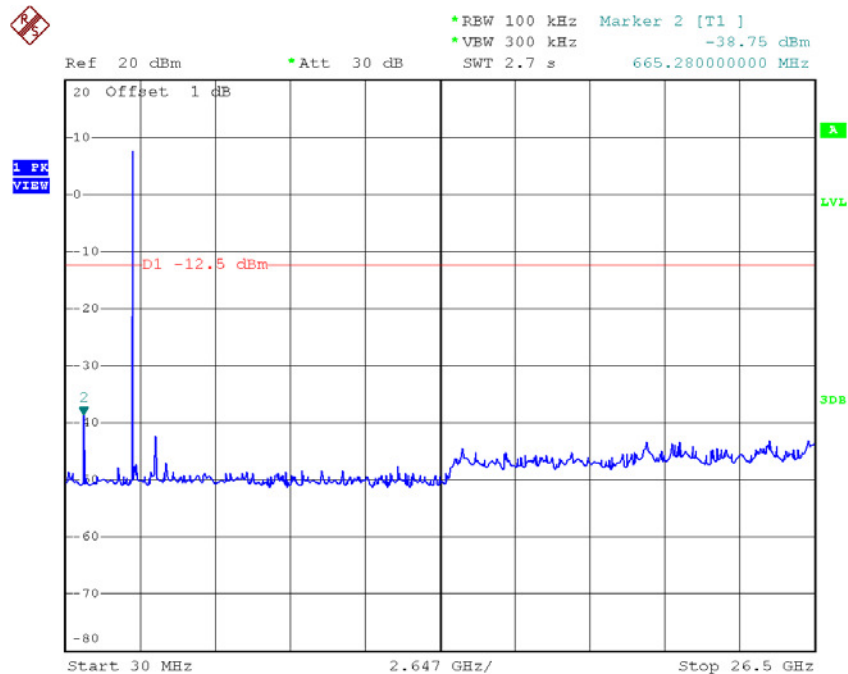
Date: 7.JUN.2016 12:28:17

TX B mode CH01 (10 Harmonic of the frequency)



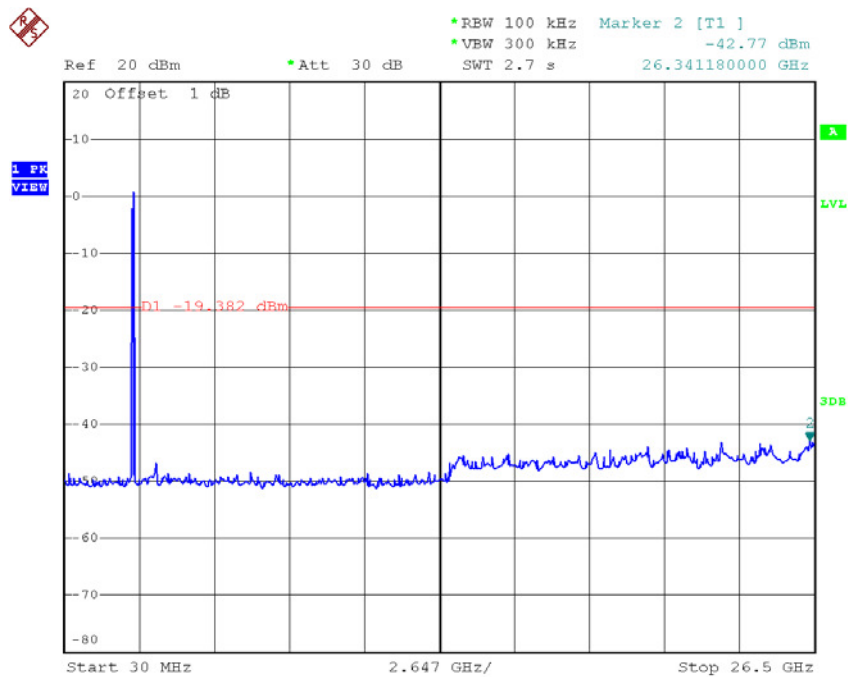
Date: 6.JUN.2016 20:05:34

TX B mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:08:25

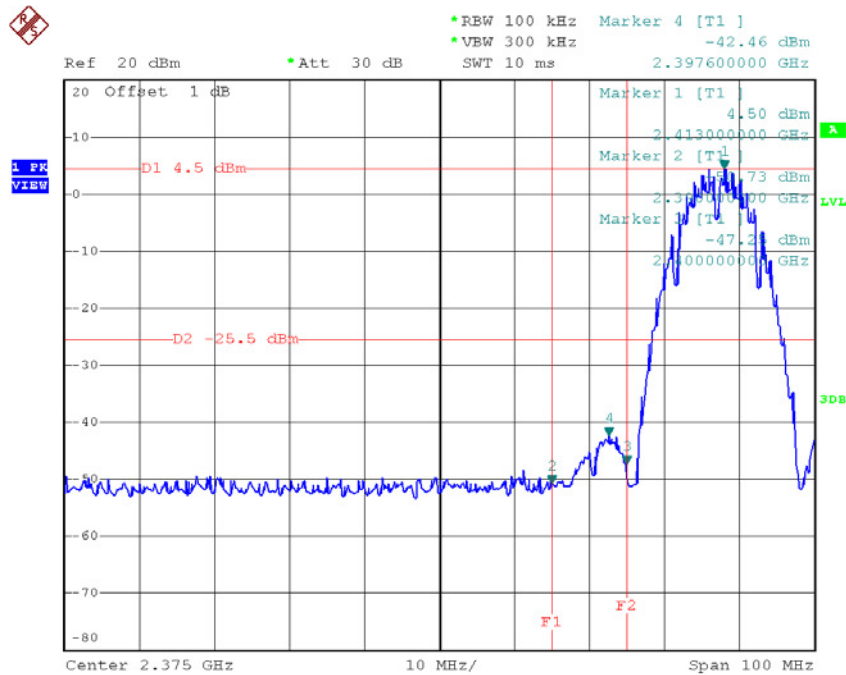
TX B mode CH11 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:10:00

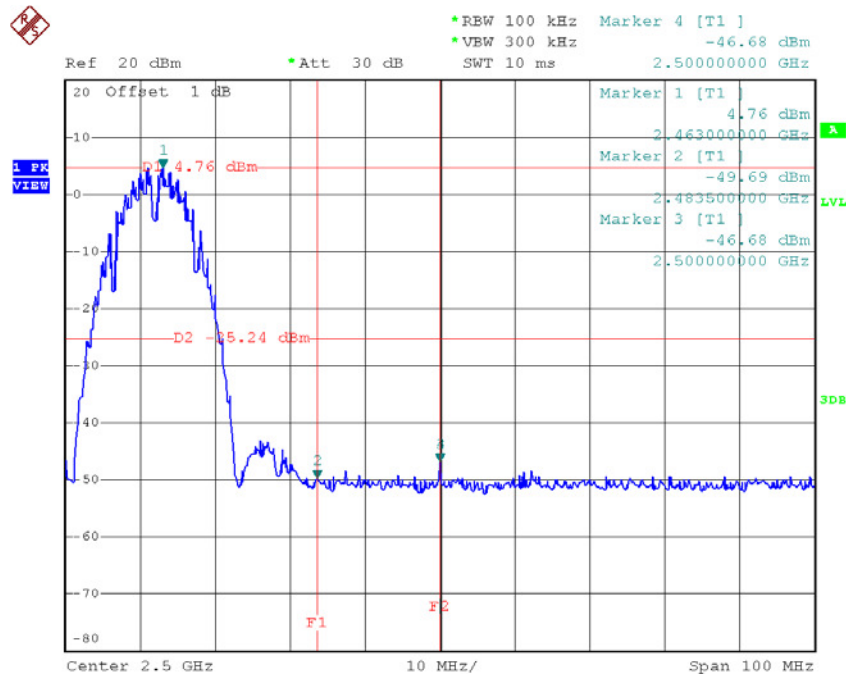
Test Mode :	TX B Mode_ANT 2
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TX B mode CH01



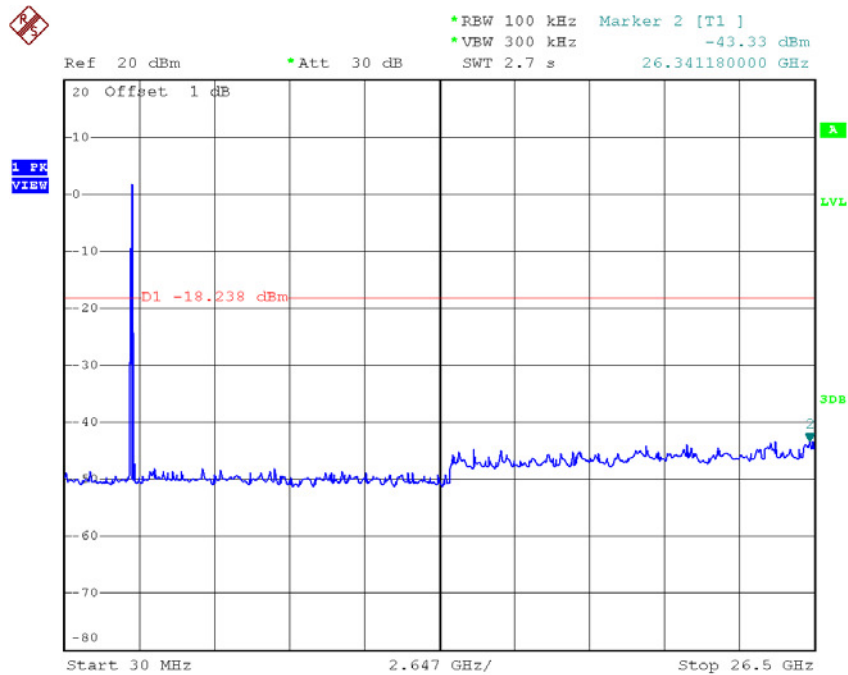
Date: 7.JUN.2016 12:05:17

TX B mode CH11



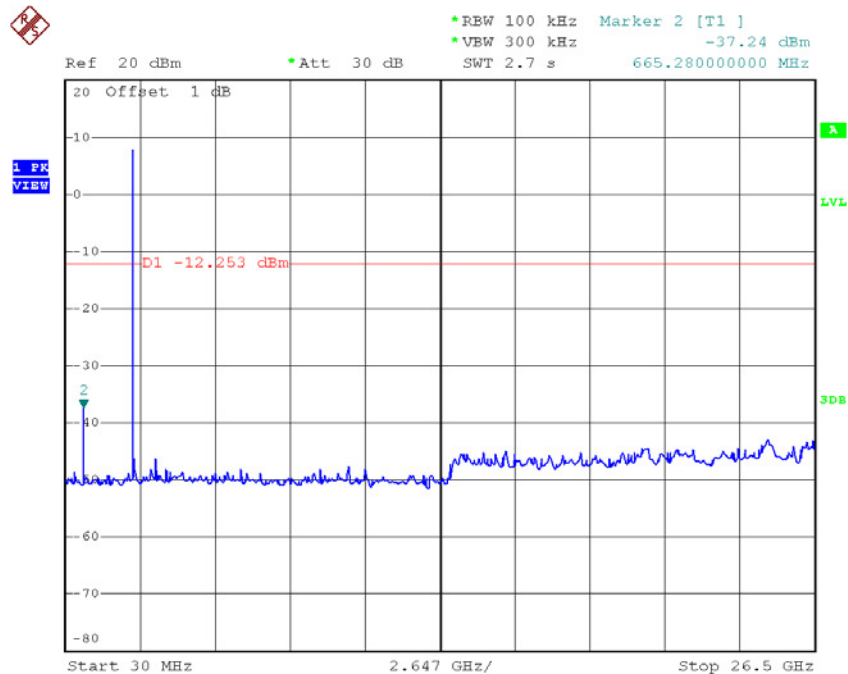
Date: 7.JUN.2016 12:28:55

TX B mode CH01 (10 Harmonic of the frequency)



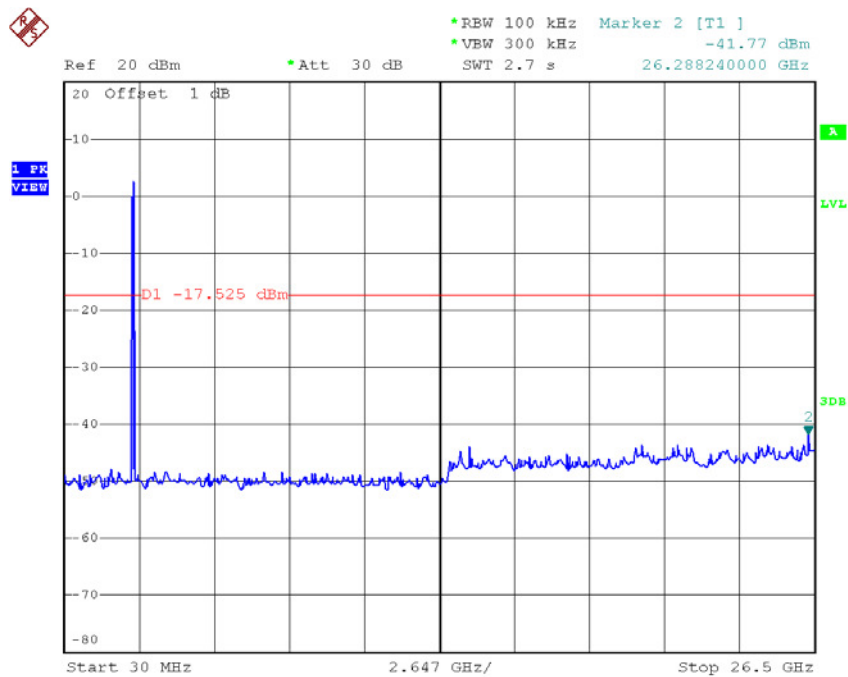
Date: 6.JUN.2016 20:11:27

TX B mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:12:44

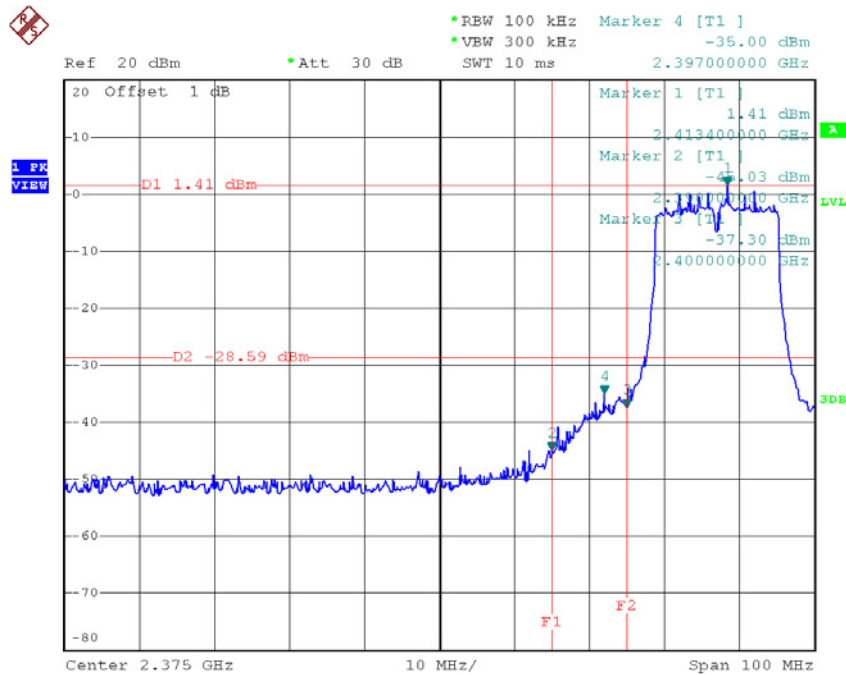
TX B mode CH11 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:14:44

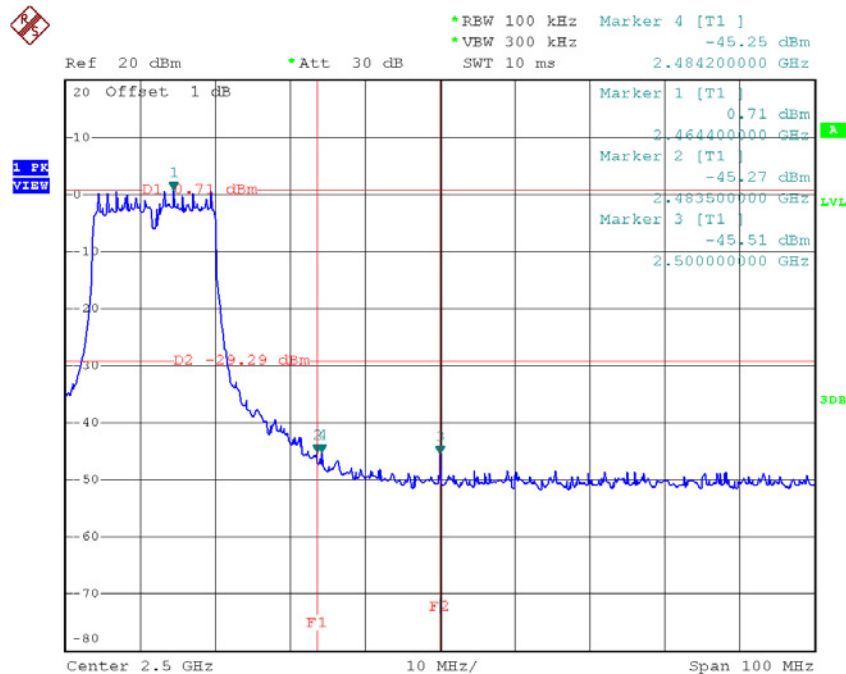
Test Mode :	TX G Mode_ANT 1
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TX G mode CH01



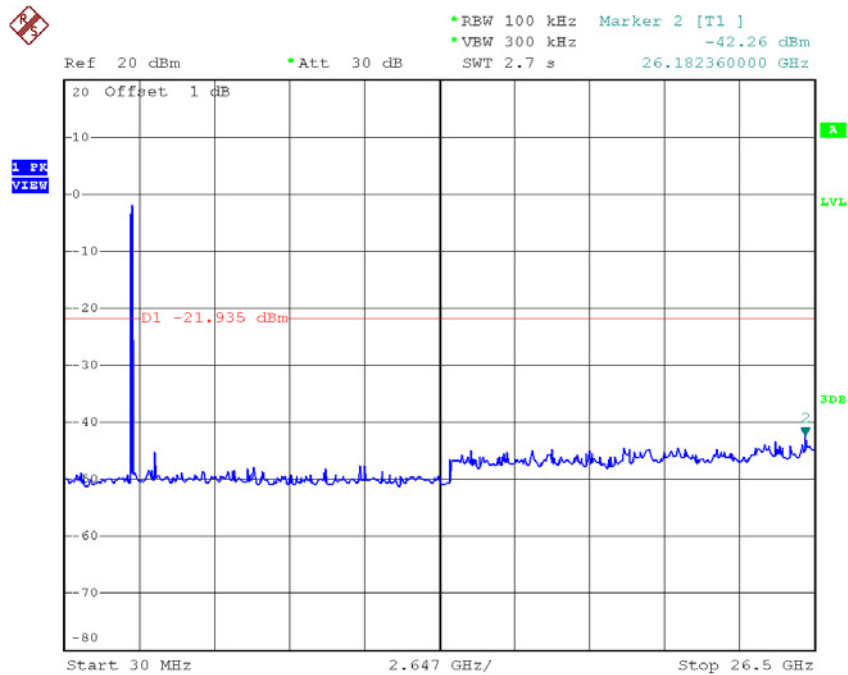
Date: 7.JUN.2016 12:10:03

TX G mode CH11



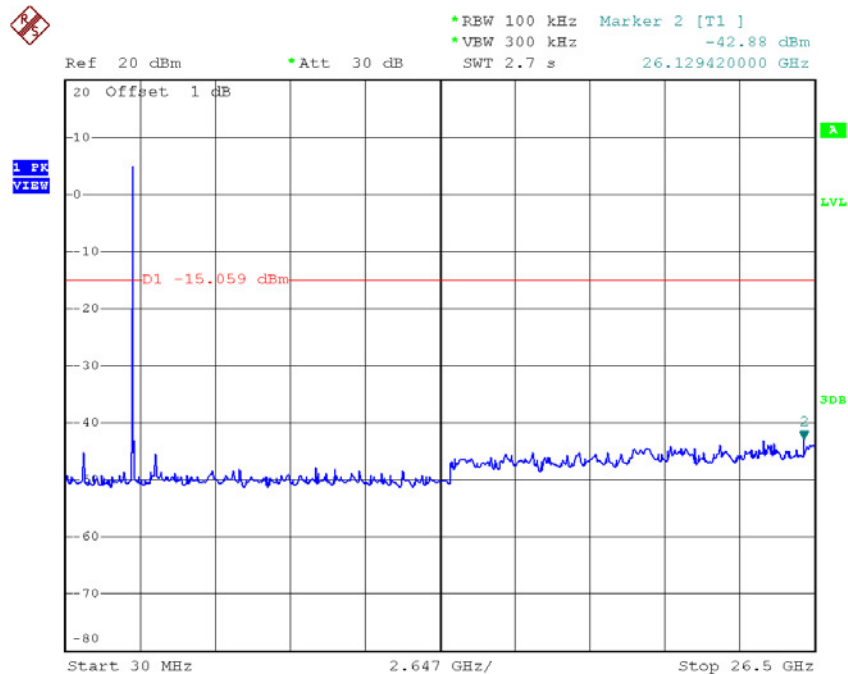
Date: 7.JUN.2016 14:13:32

TX G mode CH01 (10 Harmonic of the frequency)



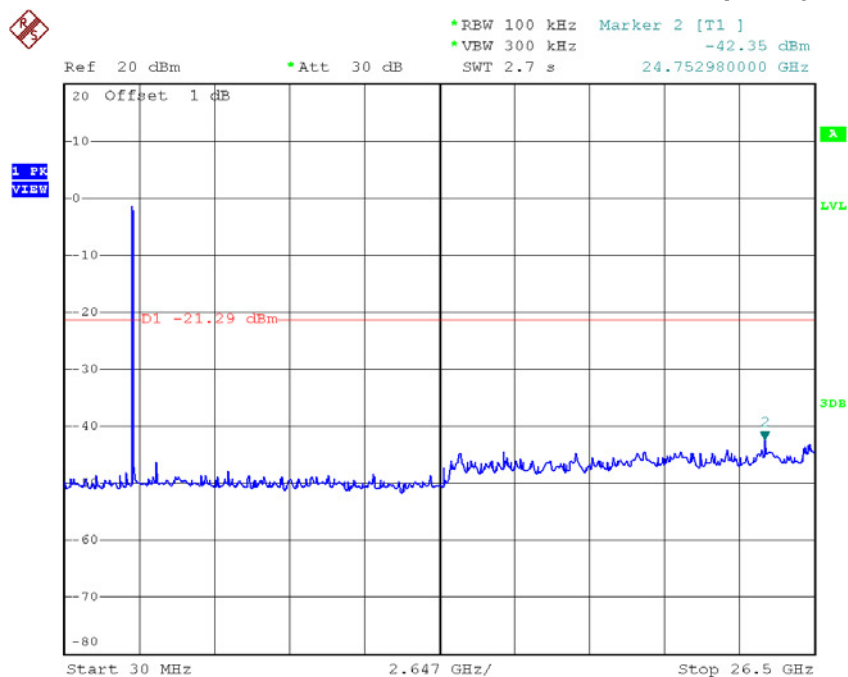
Date: 6.JUN.2016 20:15:54

TX G mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:17:14

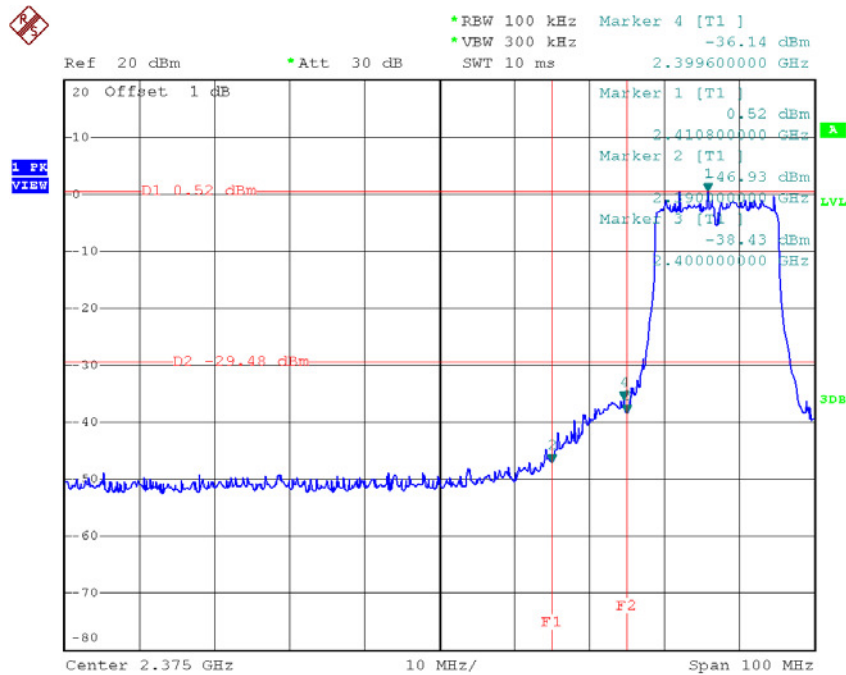
TX G mode CH11 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:18:06

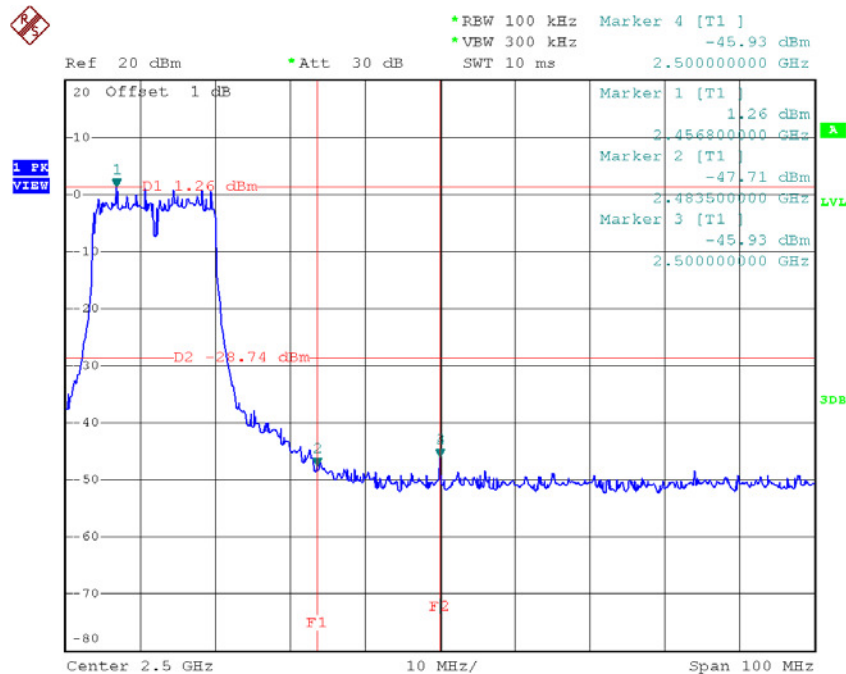
Test Mode :	TX G Mode_ANT 2
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TX G mode CH01



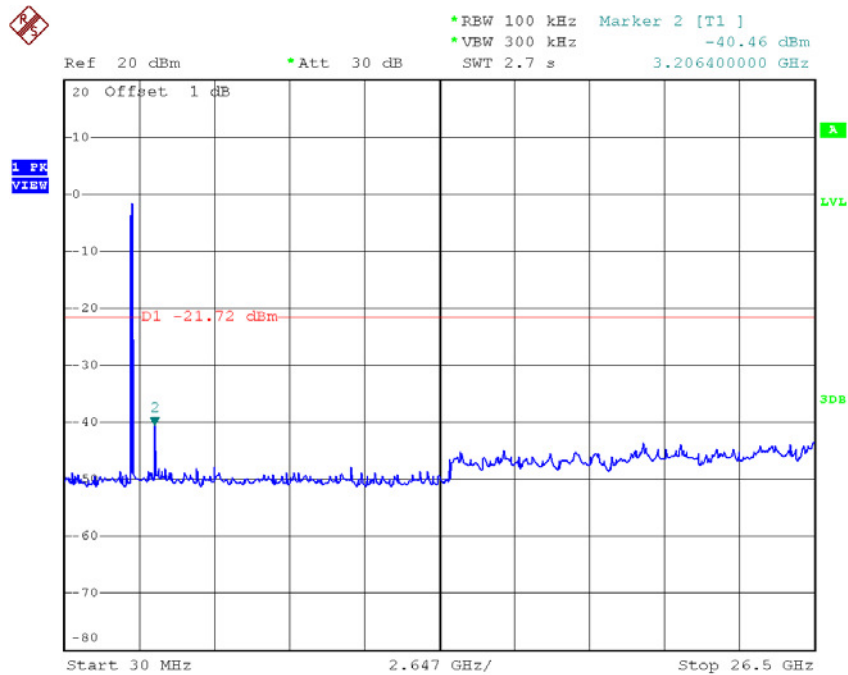
Date: 7.JUN.2016 12:06:37

TX G mode CH11



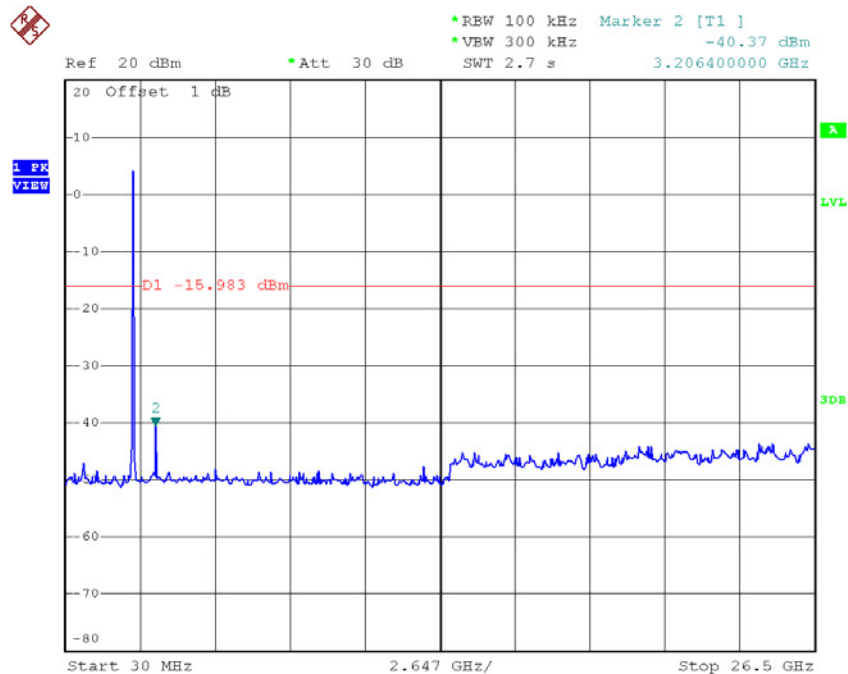
Date: 7.JUN.2016 14:11:53

TX G mode CH01 (10 Harmonic of the frequency)



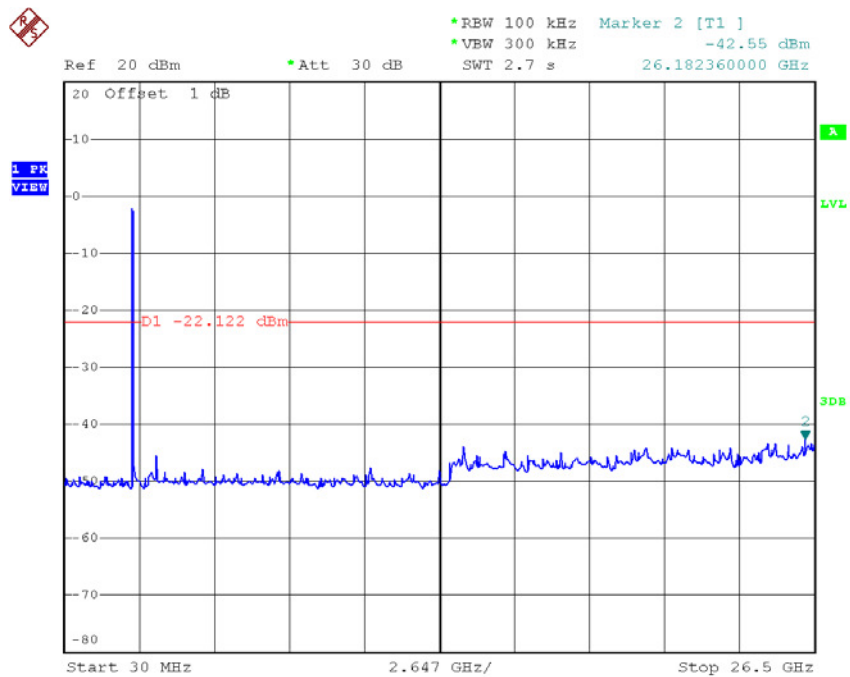
Date: 6.JUN.2016 20:19:14

TX G mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:21:02

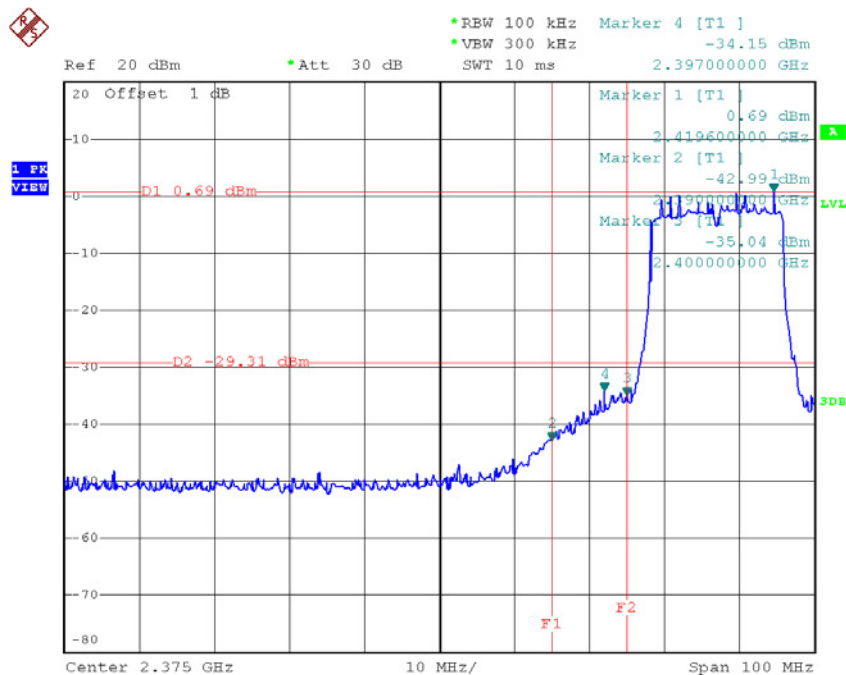
TX G mode CH11 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:22:16

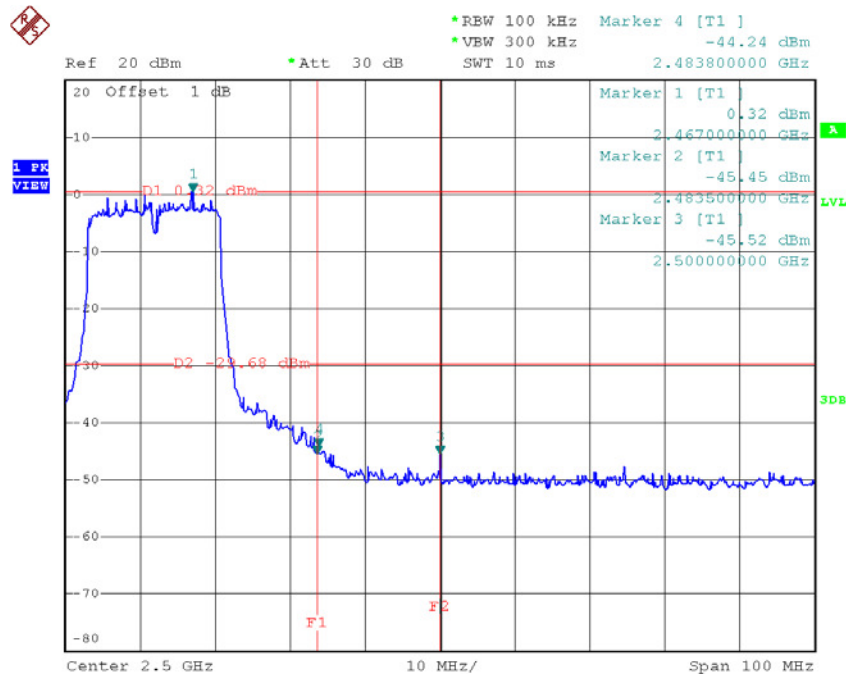
Test Mode :	TX N-20M Mode_ANT 1
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TX HT20 mode CH01



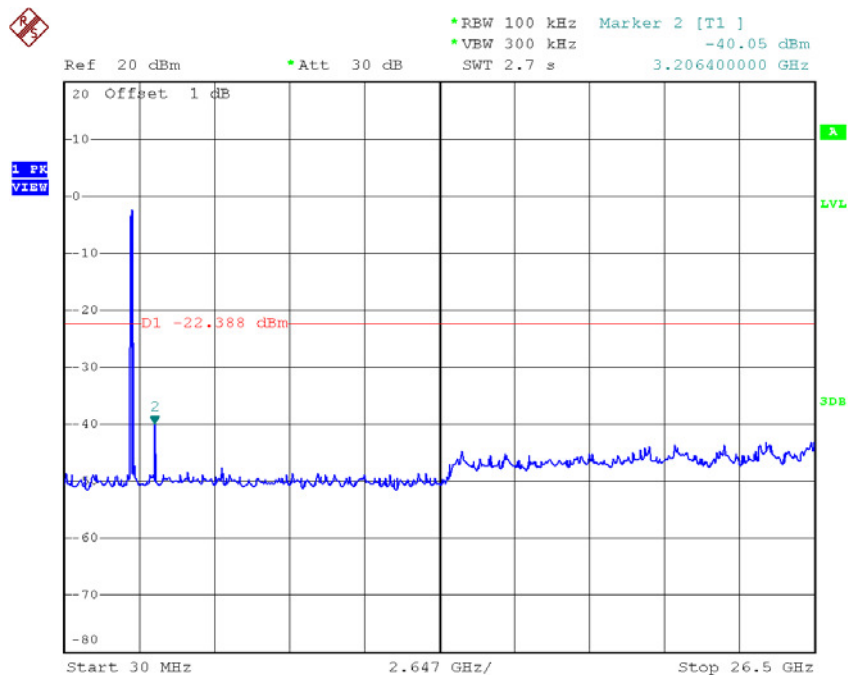
Date: 7.JUN.2016 12:11:34

TX HT20 mode CH11



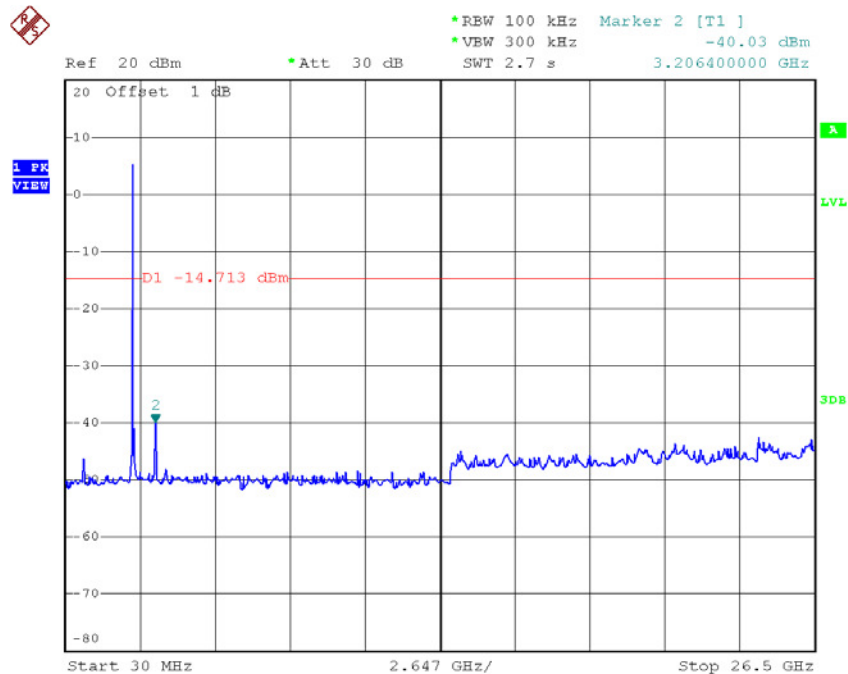
Date: 7.JUN.2016 14:15:24

TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:23:26

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 6.JUN.2016 20:24:26