

FCC Radio Test Report

FCC ID: V7TAC6

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

Project No. : 1609C013
Equipment : AC1200 Smart Dual-Band WiFi Router
Model Name : AC6
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Date of Receipt : Sep. 09, 2016
Date of Test : Sep. 09, 2016 ~ Sep. 20, 2016
Issued Date : Sep. 22, 2016
Tested by : BTL Inc.

Testing Engineer :

Shawn Xiao

(Shawn Xiao)

Technical Manager :

David Mao

(David Mao)

Authorized Signatory :

Steven Lu

(Steven Lu)

B T L I N C .

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

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

Declaration

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

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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

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

BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Table of Contents	Page
1 . CERTIFICATION	6
2 . SUMMARY OF TEST RESULTS	7
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
3 . GENERAL INFORMATION	9
3.1 GENERAL DESCRIPTION OF EUT	9
3.2 DESCRIPTION OF TEST MODES	11
3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING	12
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	13
3.5 DESCRIPTION OF SUPPORT UNITS	13
4 . EMC EMISSION TEST	14
4.1 CONDUCTED EMISSION MEASUREMENT	14
4.1.1 POWER LINE CONDUCTED EMISSION LIMITS	14
4.1.2 TEST PROCEDURE	14
4.1.3 DEVIATION FROM TEST STANDARD	14
4.1.4 TEST SETUP	15
4.1.5 EUT OPERATING CONDITIONS	15
4.1.6 EUT TEST CONDITIONS	15
4.1.7 TEST RESULTS	15
4.2 RADIATED EMISSION MEASUREMENT	16
4.2.1 RADIATED EMISSION LIMITS	16
4.2.2 TEST PROCEDURE	17
4.2.3 DEVIATION FROM TEST STANDARD	17
4.2.4 TEST SETUP	18
4.2.5 EUT OPERATING CONDITIONS	19
4.2.6 EUT TEST CONDITIONS	19
4.2.7 TEST RESULTS (9KHZ TO 30MHZ)	19
4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)	19
4.2.9 TEST RESULTS (ABOVE 1000 MHZ)	19
5 . BANDWIDTH TEST	20
5.1 APPLIED PROCEDURES	20
5.1.1 TEST PROCEDURE	20
5.1.2 DEVIATION FROM STANDARD	20
5.1.3 TEST SETUP	20
5.1.4 EUT OPERATION CONDITIONS	20
5.1.5 EUT TEST CONDITIONS	20
5.1.6 TEST RESULTS	20
6 . MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST	21

Table of Contents	Page
6.1 APPLIED PROCEDURES / LIMIT	21
6.1.1 TEST PROCEDURE	21
6.1.2 DEVIATION FROM STANDARD	21
6.1.3 TEST SETUP	21
6.1.4 EUT OPERATION CONDITIONS	21
6.1.5 EUT TEST CONDITIONS	21
6.1.6 TEST RESULTS	21
7 . ANTENNA CONDUCTED SPURIOUS EMISSION	22
7.1 APPLIED PROCEDURES / LIMIT	22
7.1.1 TEST PROCEDURE	22
7.1.2 DEVIATION FROM STANDARD	22
7.1.3 TEST SETUP	22
7.1.4 EUT OPERATION CONDITIONS	22
7.1.5 EUT TEST CONDITIONS	22
7.1.6 TEST RESULTS	22
8 . POWER SPECTRAL DENSITY TEST	23
8.1 APPLIED PROCEDURES / LIMIT	23
8.1.1 TEST PROCEDURE	23
8.1.2 DEVIATION FROM STANDARD	23
8.1.3 TEST SETUP	23
8.1.4 EUT OPERATION CONDITIONS	23
8.1.5 EUT TEST CONDITIONS	23
8.1.6 TEST RESULTS	23
9 . MEASUREMENT INSTRUMENTS LIST	24
10 . EUT TEST PHOTO	26
ATTACHMENT A - CONDUCTED EMISSION	30
ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)	33
ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)	38
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)	45
ATTACHMENT E - BANDWIDTH	94
ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER	103
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION	107
ATTACHMENT H - POWER SPECTRAL DENSITY	144

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1609C013	Original Issue.	Sep. 22, 2016

1. CERTIFICATION

Equipment : AC1200 Smart Dual-Band WiFi Router
Brand Name : Tenda
Model Name : AC6
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Manufacturer : SHENZHEN TENDA TECHNOLOGY CO.,LTD.
Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District,
Shenzhen, China. 518052
Date of Test : Sep. 09, 2016 ~ Sep. 20, 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-1-1609C013) 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, Subpart C (15.247)				
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	AC1200 Smart Dual-Band WiFi Router	
Brand Name	Tenda	
Model Name	AC6	
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: 27.94dBm 802.11g: 28.71dBm 802.11n(20MHz): 29.92dBm 802.11n(40MHz): 29.31dBm
Power Source	DC voltage supplied from AC/DC adapter. Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO.,LTD Model Name:BN036-A12012U	
Power Rating	IP: 100-240V~50/60Hz 0.4A OP:12V --- 1.0A	

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

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	Tenda	N/A	Dipole	N/A	5	TX/RX
2	Tenda	N/A	Dipole	N/A	5	TX/RX

Note: 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=5.

4.

Operating Mode	1TX	2TX
TX Mode		
802.11b	V (ANT 1)	-
802.11g	V (ANT 1)	-
802.11n (20MHz)	-	V (ANT 1+ANT 2)
802.11n (40MHz)	-	V (ANT 1+ANT 2)

ANT 1 for 1TX was found to be the worst case and recorded

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

Note:

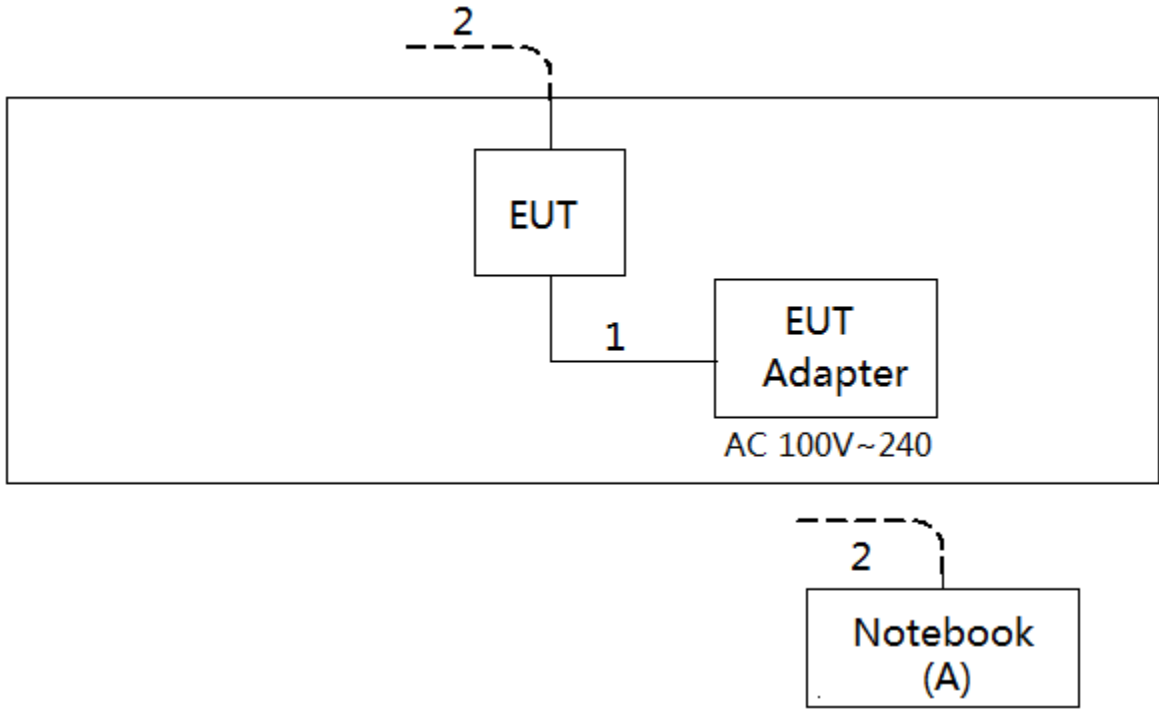
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
 802.11g mode: OFDM (6Mbps)
 802.11n HT20 mode : BPSK (13Mbps)
 802.11n HT40 mode : BPSK (27Mbps)
 For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is 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	80	92	82
802.11g	58	85	65
802.11n (20MHz)	53	58	58
Frequency	2422	2437	2452
802.11n (40MHz)	42	58	50

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	YES	YES	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

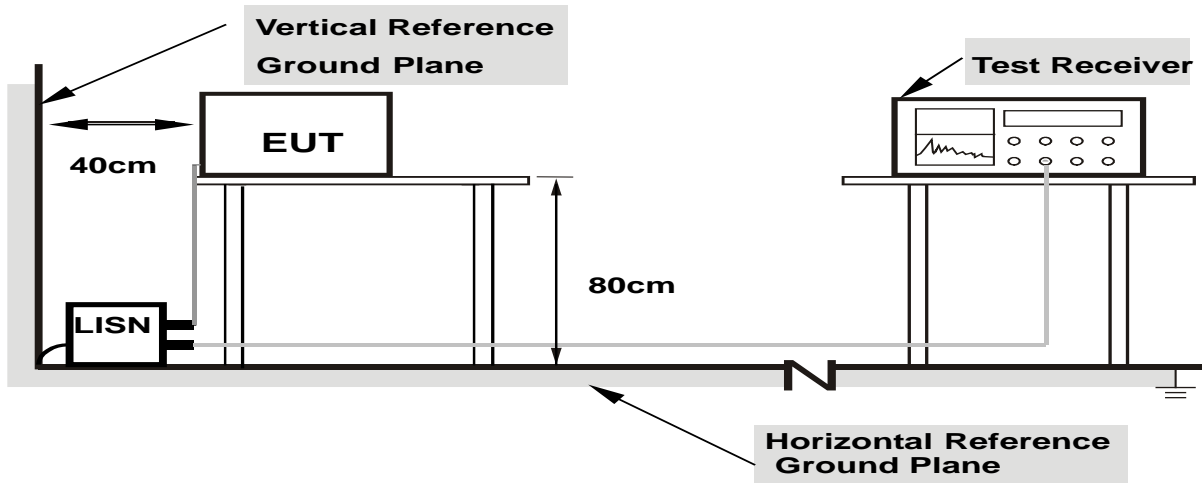
4.1.2 TEST PROCEDURE

- 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: 53% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
 Margin Level = Measurement Value - Limit Value

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

4.2.2 TEST PROCEDURE

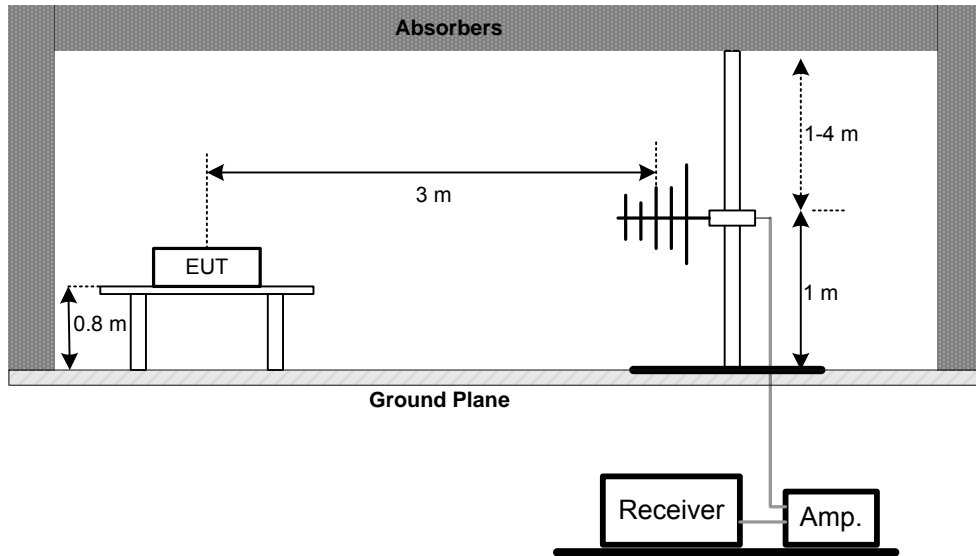
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

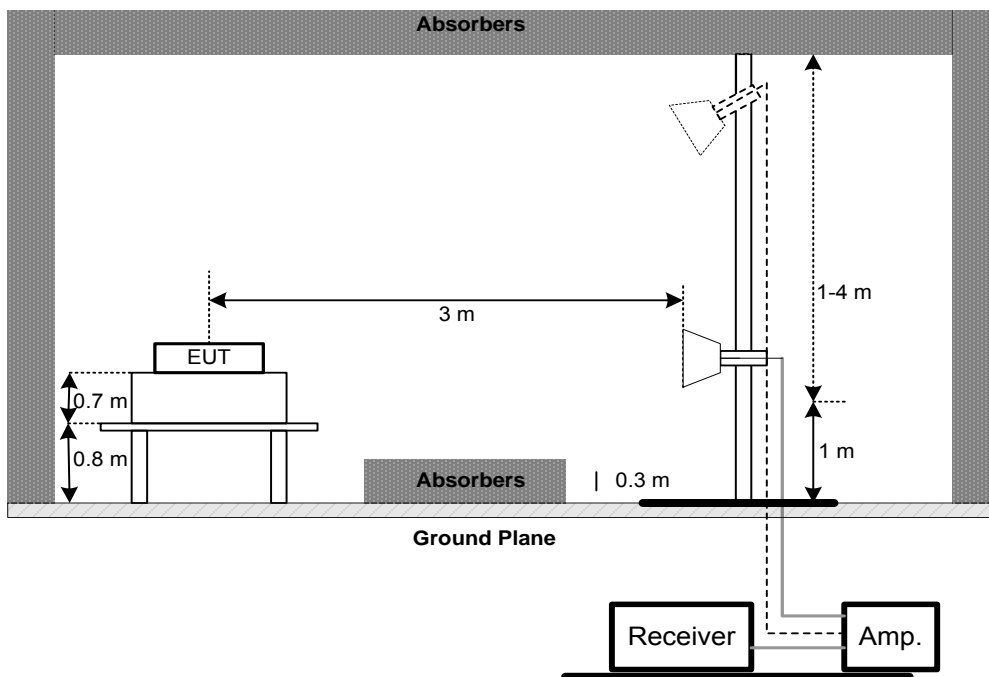
No deviation

4.2.4 TEST SETUP

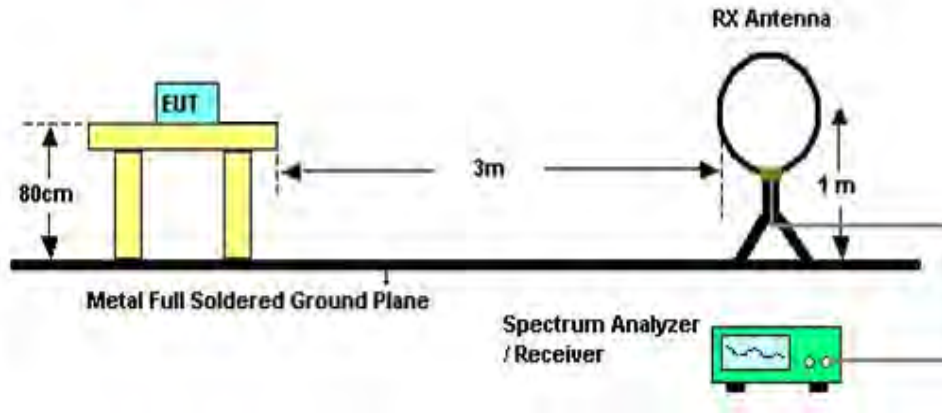
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 52% 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

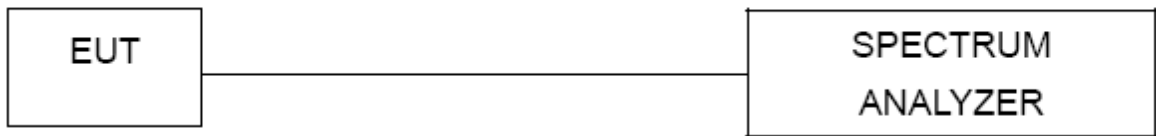
5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

7.1.1 TEST PROCEDURE

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

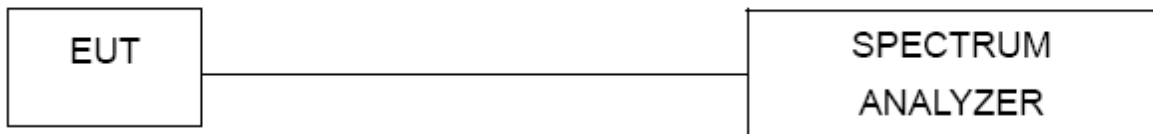
8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	52765	Mar. 27, 2017
2	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 27, 2017
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 27, 2017
4	Cable	emci	RG223(9KHz-30MHz)(5m)	N/A	Mar. 10, 2017
5	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	Schwarzbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	Agilent	N9038A	MY52130039	Sep. 04, 2017
4	Cable	emci	LMR-400(30MHz-1GHz)(8m+5m)	N/A	Jun. 27, 2017
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 27, 2017
8	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
9	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 06, 2016
10	Amplifier	Agilent	8449B	3008A02274	Mar. 10, 2017
11	Receiver	Agilent	N9038A	MY52130039	Sep. 04, 2017
12	Controller	CT	SC100	N/A	N/A
13	Controller	MF	MF-7802	MF780208416	N/A
14	Cable	emci	EMC104-SM-SM-12000(12m)	N/A	Jul. 06, 2017
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	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	FSP40	100185	Sep. 04, 2017

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017

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

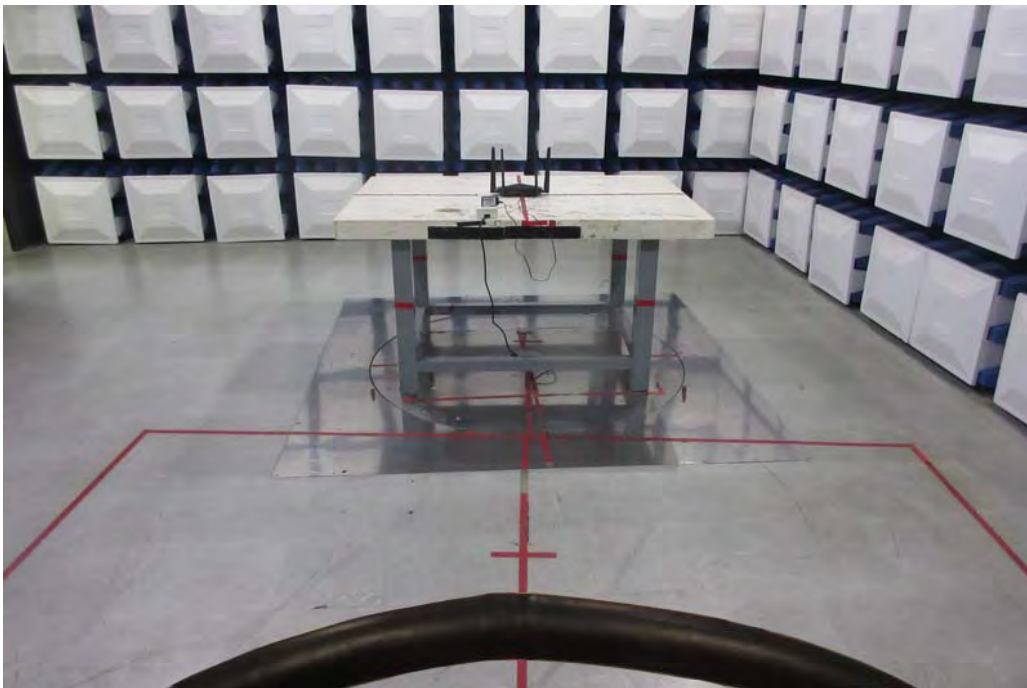
10. EUT TEST PHOTO

Conducted Measurement Photos



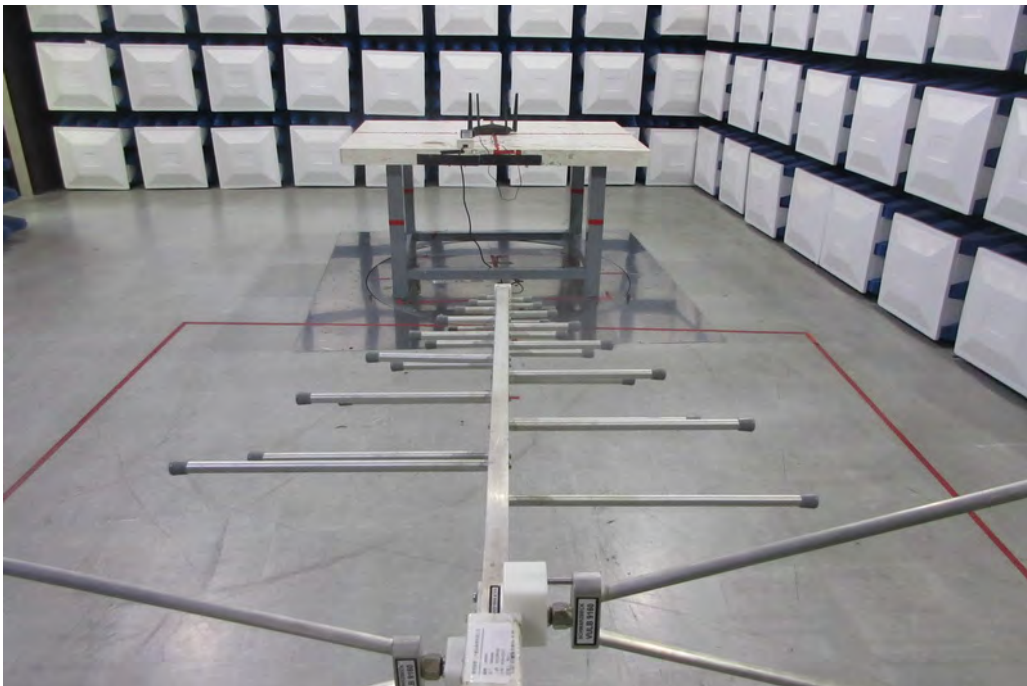
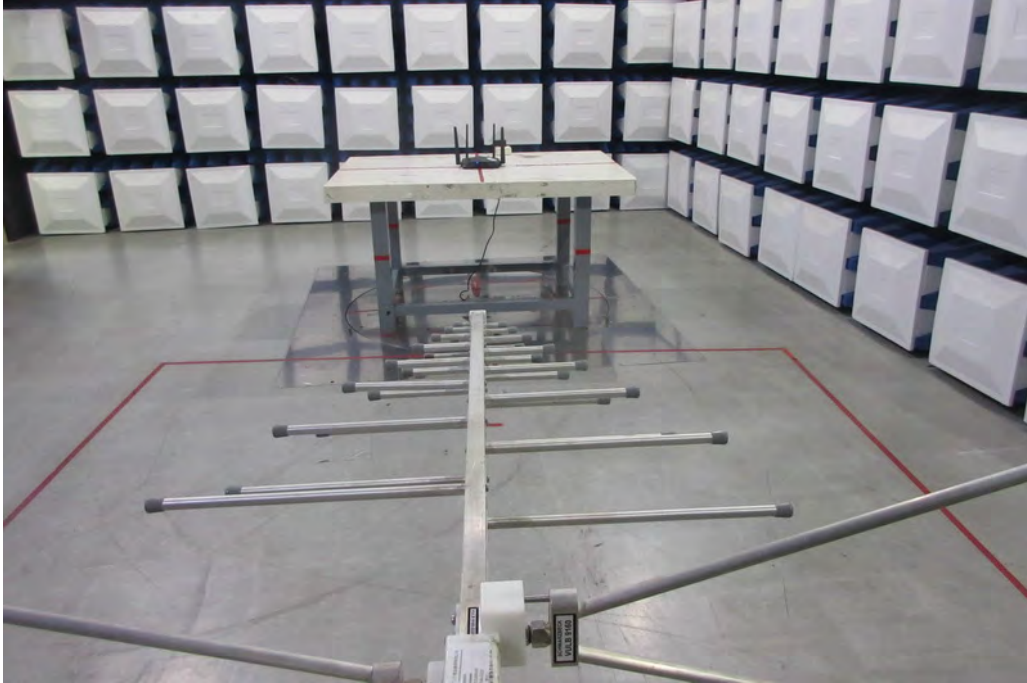
Radiated Measurement Photos

9KHz to 30MHz



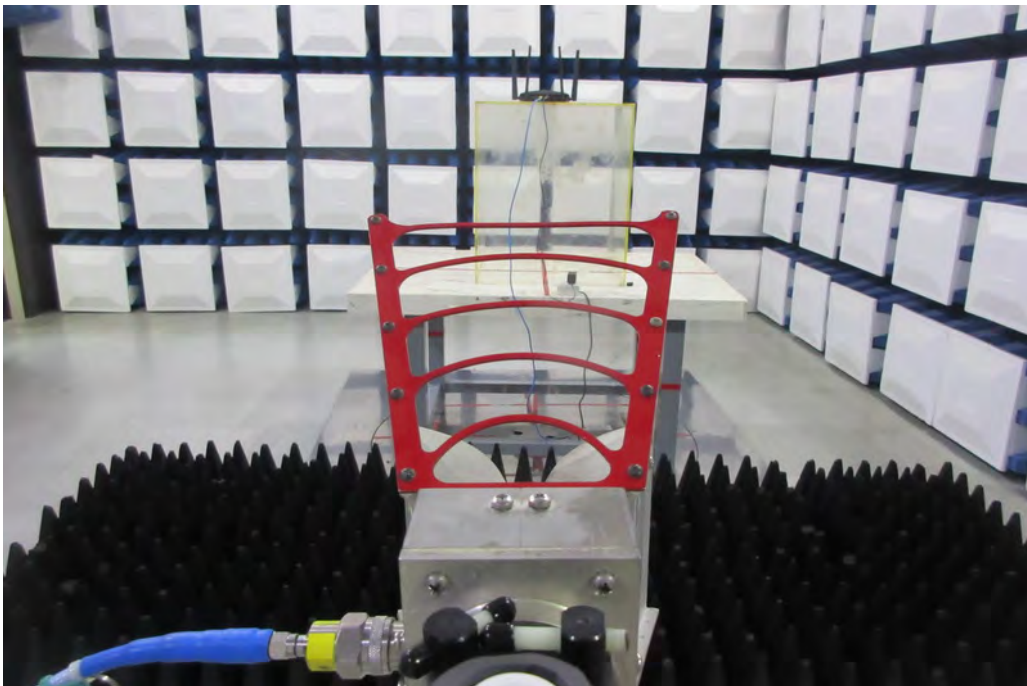
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

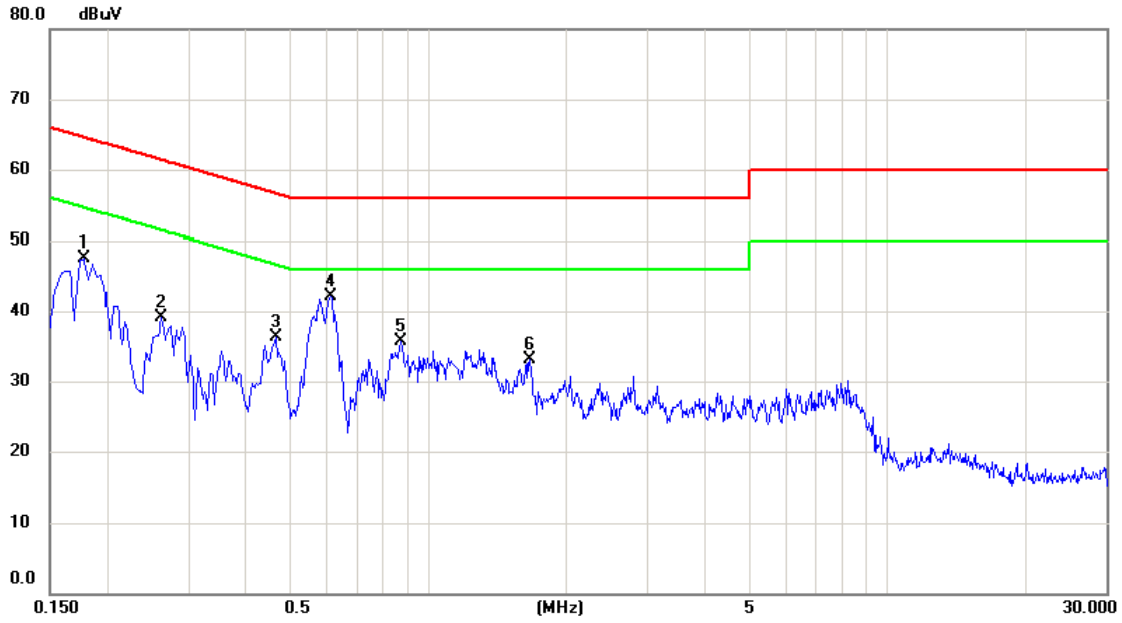
Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

Test Mode : Normal Link

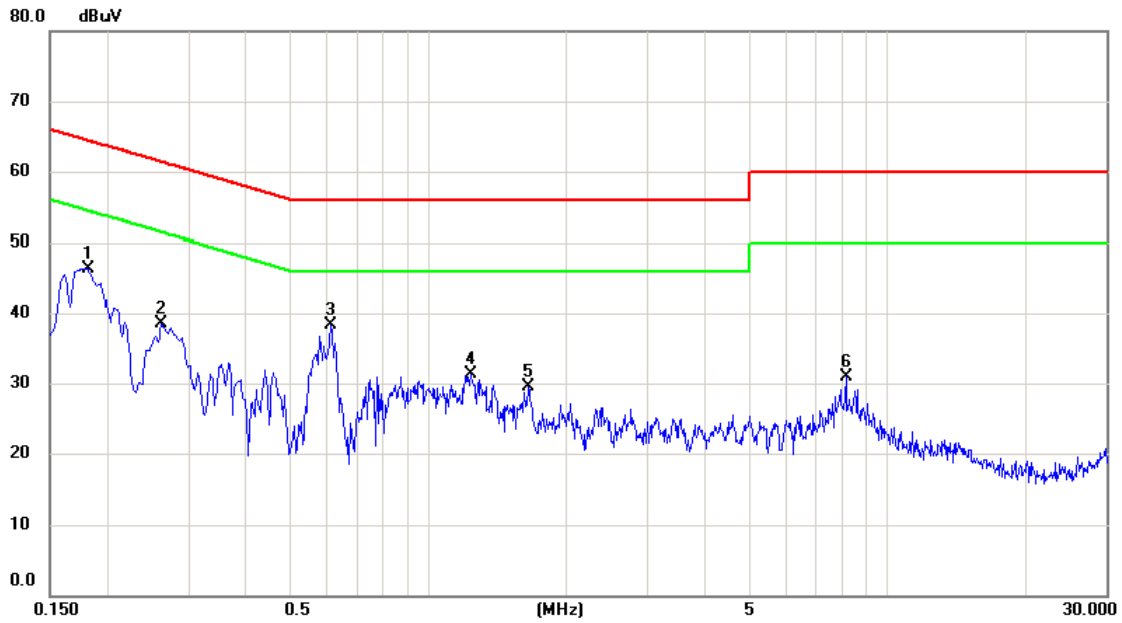
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1780	37.90	9.53	47.43	64.58	-17.15	peak	
2		0.2620	29.62	9.53	39.15	61.37	-22.22	peak	
3		0.4660	26.63	9.61	36.24	56.58	-20.34	peak	
4	*	0.6140	32.53	9.64	42.17	56.00	-13.83	peak	
5		0.8700	25.94	9.75	35.69	56.00	-20.31	peak	
6		1.6580	23.28	9.88	33.16	56.00	-22.84	peak	

Test Mode : Normal Link

Neutral

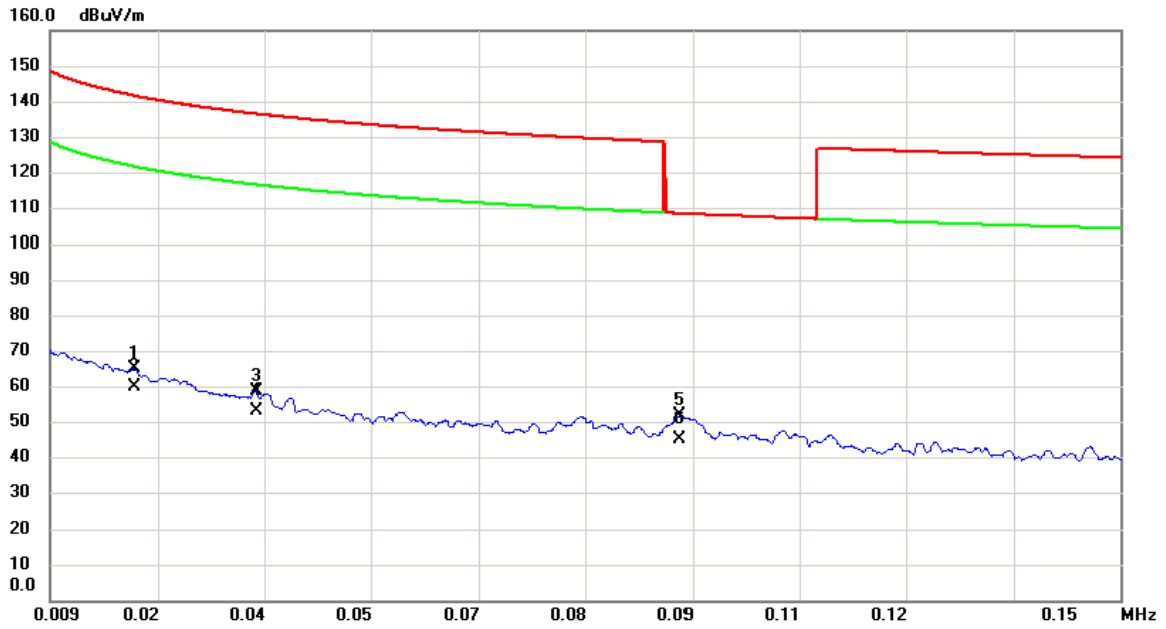


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1820	36.89	9.47	46.36	64.39	-18.03	peak	
2		0.2620	28.98	9.53	38.51	61.37	-22.86	peak	
3	*	0.6140	28.85	9.44	38.29	56.00	-17.71	peak	
4		1.2340	21.67	9.67	31.34	56.00	-24.66	peak	
5		1.6460	19.74	9.68	29.42	56.00	-26.58	peak	
6		8.1220	20.84	10.09	30.93	60.00	-29.07	peak	

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

Test Mode: TX B MODE CHANNEL 01

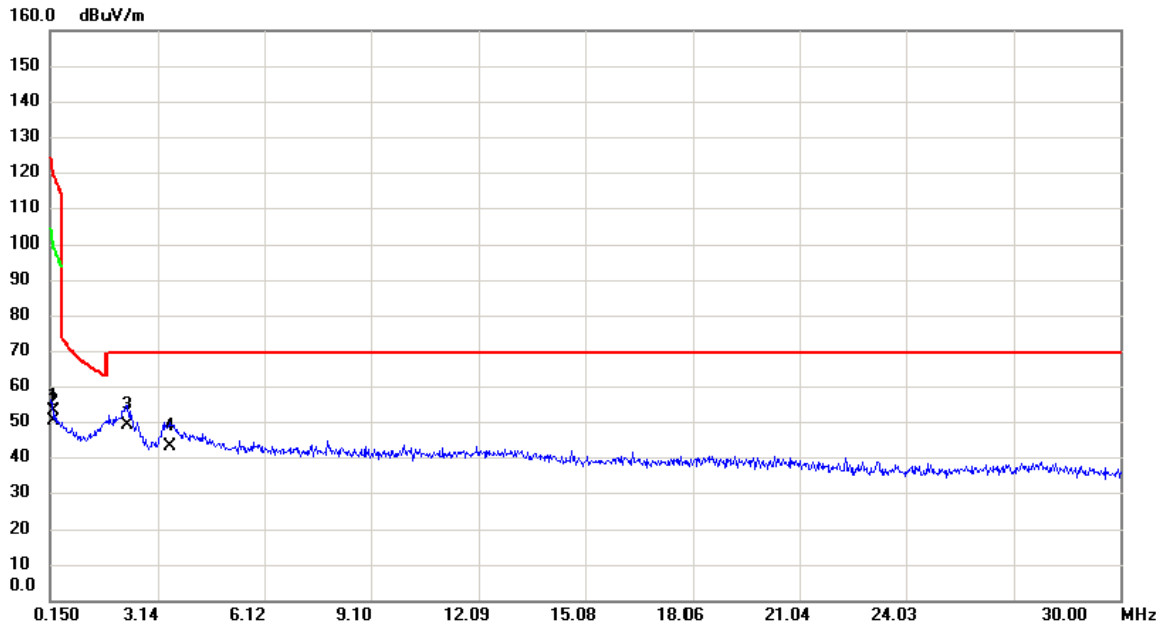
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0200	41.54	23.52	65.06	141.58	-76.52	peak	
2		0.0200	36.24	23.52	59.76	121.58	-61.82	AVG	
3		0.0361	36.96	21.53	58.49	136.45	-77.96	peak	
4		0.0361	31.46	21.53	52.99	116.45	-63.46	AVG	
5	*	0.0920	32.90	18.78	51.68	108.33	-56.65	peak	
6		0.0920	26.16	18.78	44.94	108.33	-63.39	AVG	

Test Mode: TX B MODE CHANNEL 01

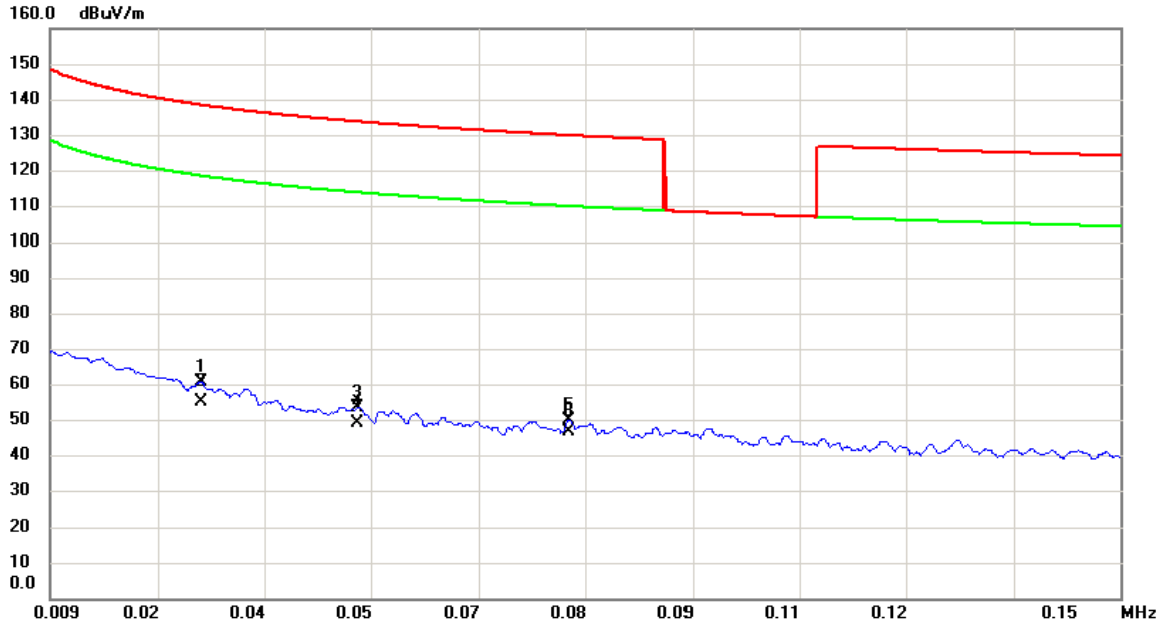
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2692	34.20	18.63	52.83	119.00	-66.17	peak	
2		0.2692	31.46	18.63	50.09	99.00	-48.91	AVG	
3	*	2.2843	31.50	17.54	49.04	69.54	-20.50	QP	
4		3.4783	25.50	17.64	43.14	69.54	-26.40	QP	

Test Mode: TX B MODE CHANNEL 01

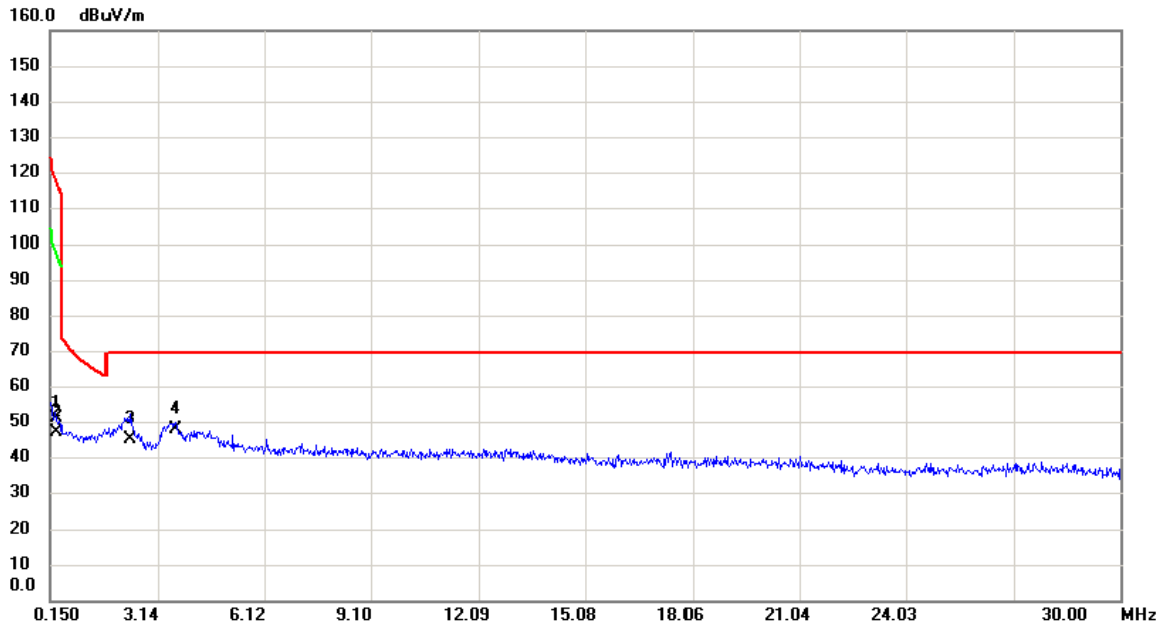
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0288	38.12	22.43	60.55	138.42	-77.87	peak	
2		0.0288	32.67	22.43	55.10	118.42	-63.32	AVG	
3		0.0495	33.45	19.88	53.33	133.71	-80.38	peak	
4		0.0495	29.12	19.88	49.00	113.71	-64.71	AVG	
5		0.0774	30.40	19.42	49.82	129.83	-80.01	peak	
6	*	0.0774	27.14	19.42	46.56	109.83	-63.27	AVG	

Test Mode: TX B MODE CHANNEL 01

Ant 90°

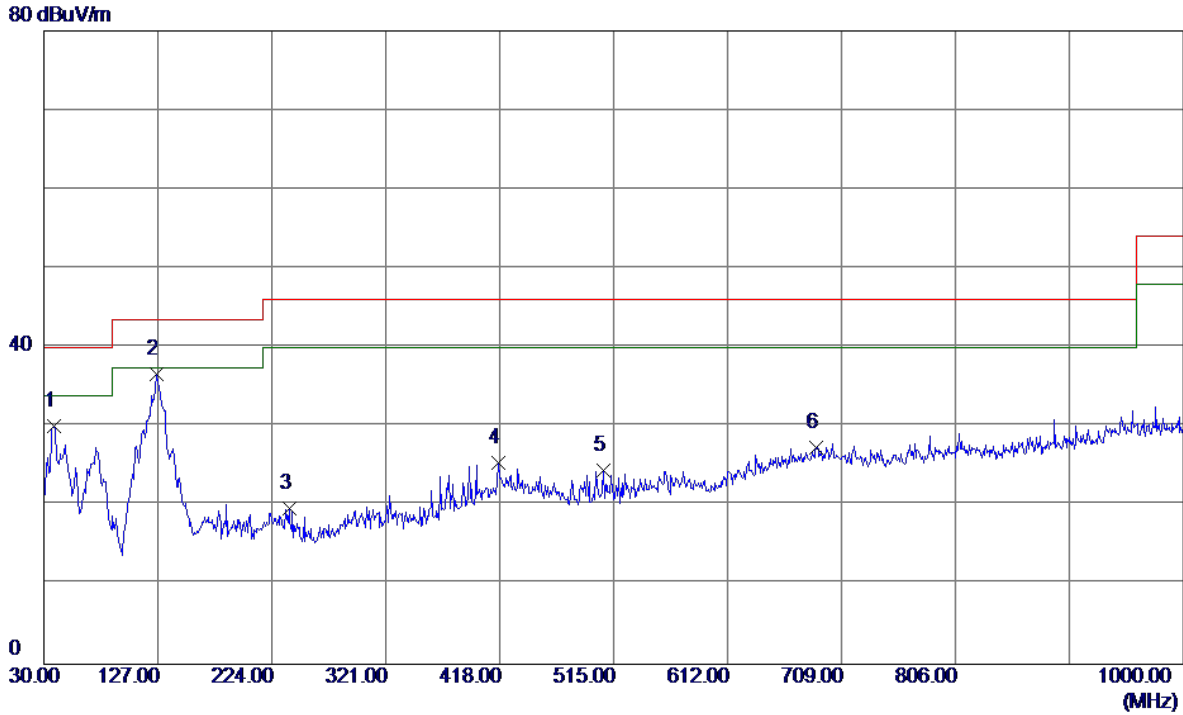


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3141	32.40	18.57	50.97	117.66	-66.69	peak	
2		0.3141	28.31	18.57	46.88	97.66	-50.78	AVG	
3		2.3738	27.45	17.42	44.87	69.54	-24.67	QP	
4	*	3.6275	29.64	17.97	47.61	69.54	-21.93	QP	

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

Test Mode: TX B MODE CHANNEL 01

Vertical

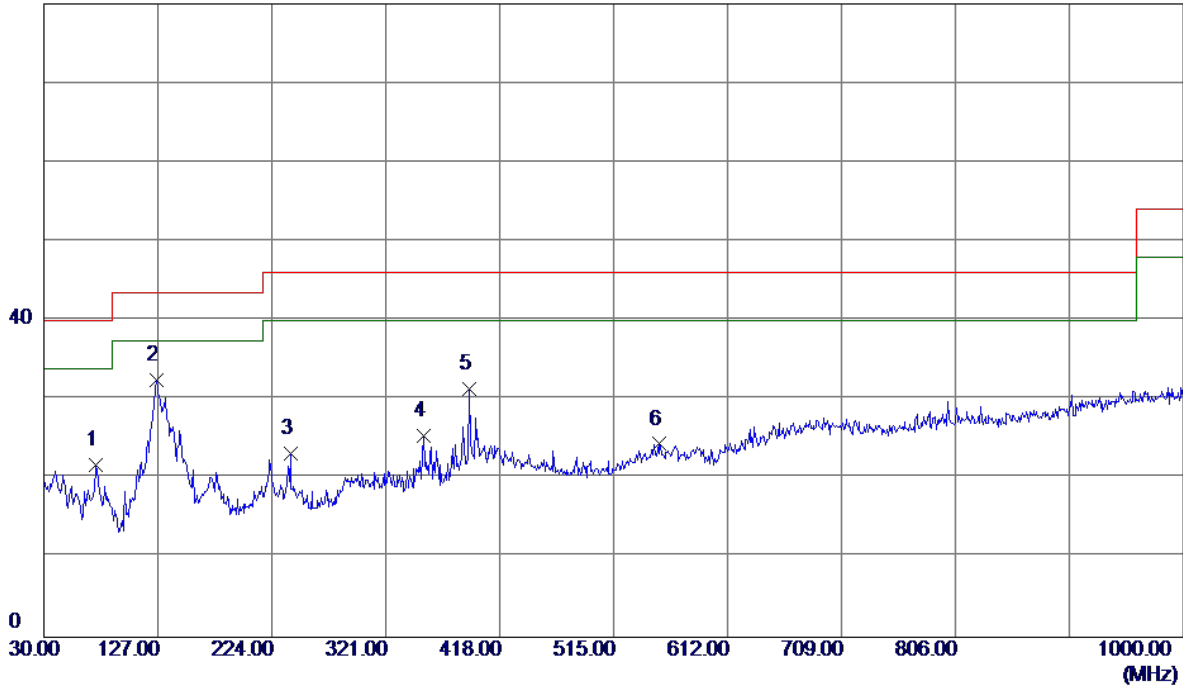


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	38.2450	42.90	-12.79	30.11	40.00	-9.89	Peak	
2 *	126.0300	48.31	-11.72	36.59	43.50	-6.91	Peak	
3	239.0350	32.96	-13.34	19.62	46.00	-26.38	Peak	
4	416.5450	32.53	-7.16	25.37	46.00	-20.63	Peak	
5	506.2700	31.72	-7.25	24.47	46.00	-21.53	Peak	
6	687.6599	28.33	-0.91	27.42	46.00	-18.58	Peak	

Test Mode: TX B MODE CHANNEL 01

Horizontal

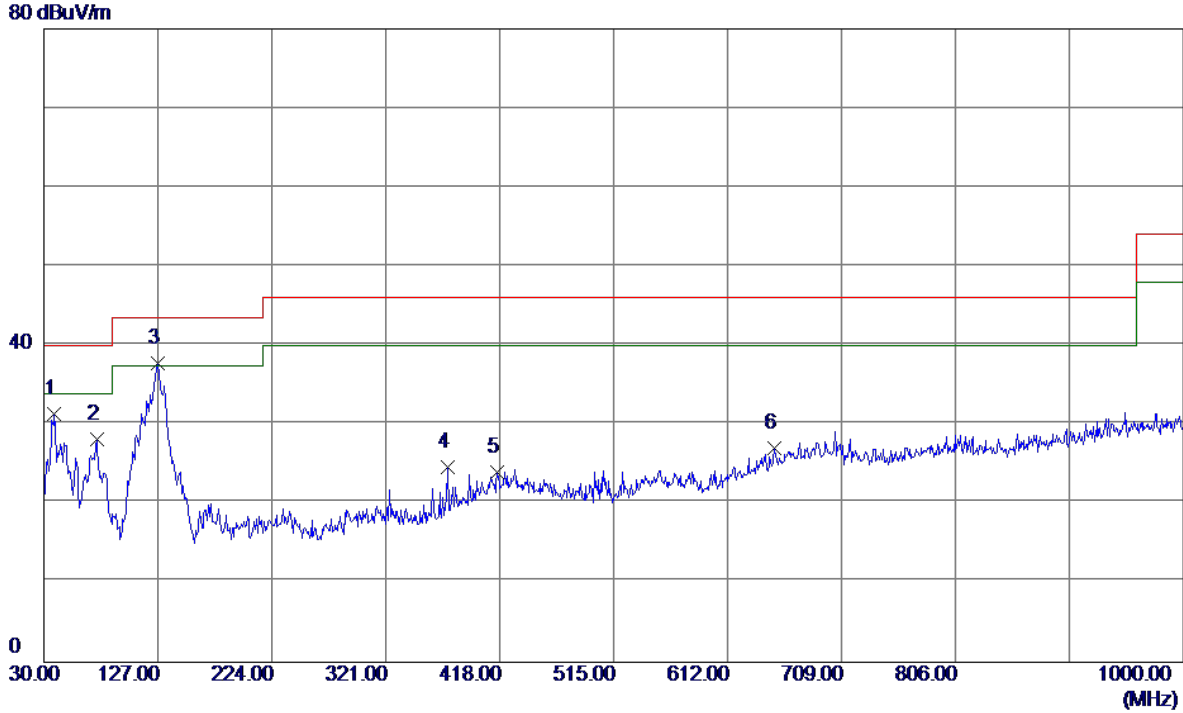
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	74.6200	37.84	-16.12	21.72	40.00	-18.28	Peak	
2 *	125.5450	44.20	-11.79	32.41	43.50	-11.09	Peak	
3	240.0050	36.56	-13.38	23.18	46.00	-22.82	Peak	
4	353.0100	35.94	-10.56	25.38	46.00	-20.62	Peak	
5	391.8100	39.10	-7.78	31.32	46.00	-14.68	Peak	
6	553.3150	28.87	-4.47	24.40	46.00	-21.60	Peak	

Test Mode: TX B MODE CHANNEL 06

Vertical

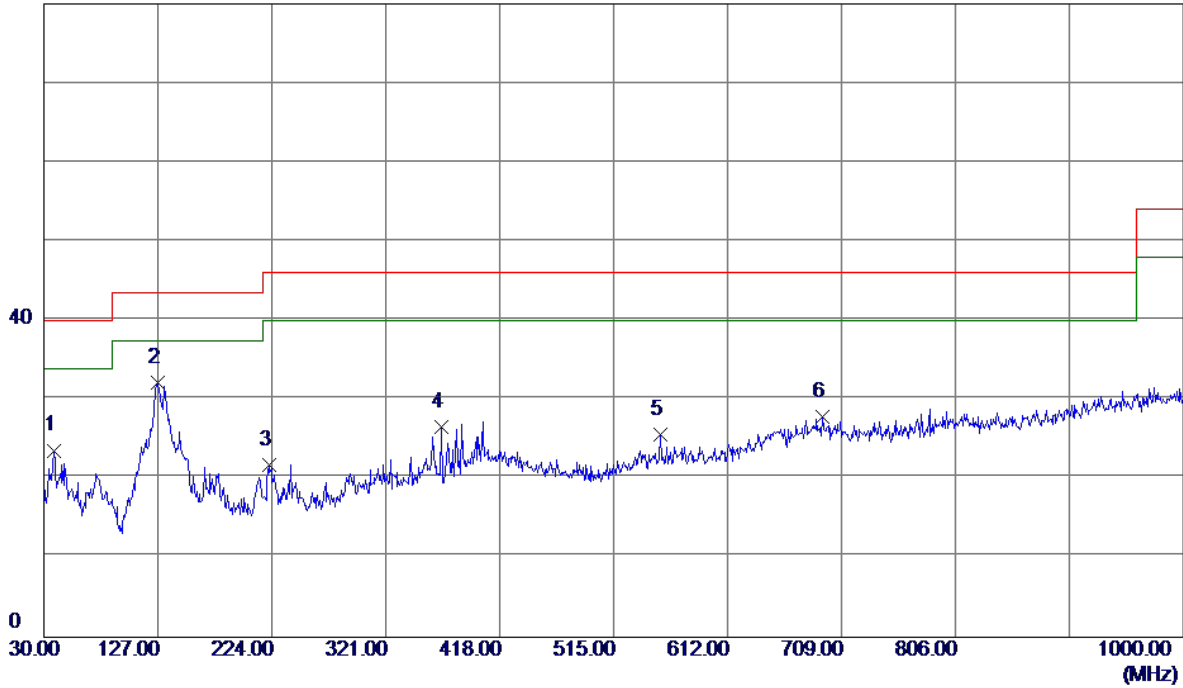


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	38.7300	44.02	-12.72	31.30	40.00	-8.70	Peak	
2	75.1050	44.34	-16.20	28.14	40.00	-11.86	Peak	
3 *	127.0000	49.27	-11.58	37.69	43.50	-5.81	Peak	
4	373.8650	33.75	-9.07	24.68	46.00	-21.32	Peak	
5	416.0600	31.22	-7.16	24.06	46.00	-21.94	Peak	
6	651.7700	28.73	-1.65	27.08	46.00	-18.92	Peak	

Test Mode: TX B MODE CHANNEL 06

Horizontal

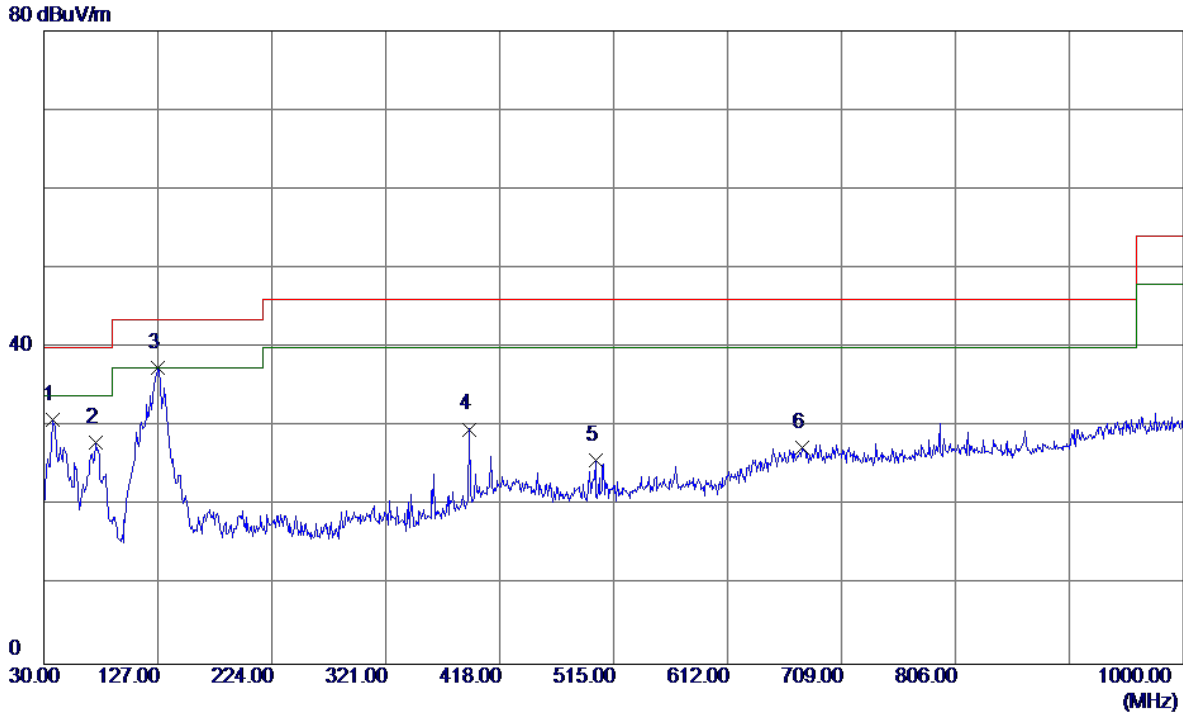
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	38.2450	36.39	-12.79	23.60	40.00	-16.40	Peak	
2 *	126.5150	43.76	-11.65	32.11	43.50	-11.39	Peak	
3	221.5750	35.60	-13.80	21.80	46.00	-24.20	Peak	
4	368.5300	35.96	-9.45	26.51	46.00	-19.49	Peak	
5	554.7700	30.07	-4.48	25.59	46.00	-20.41	Peak	
6	692.9950	28.68	-0.80	27.88	46.00	-18.12	Peak	

Test Mode: TX B MODE CHANNEL 11

Vertical

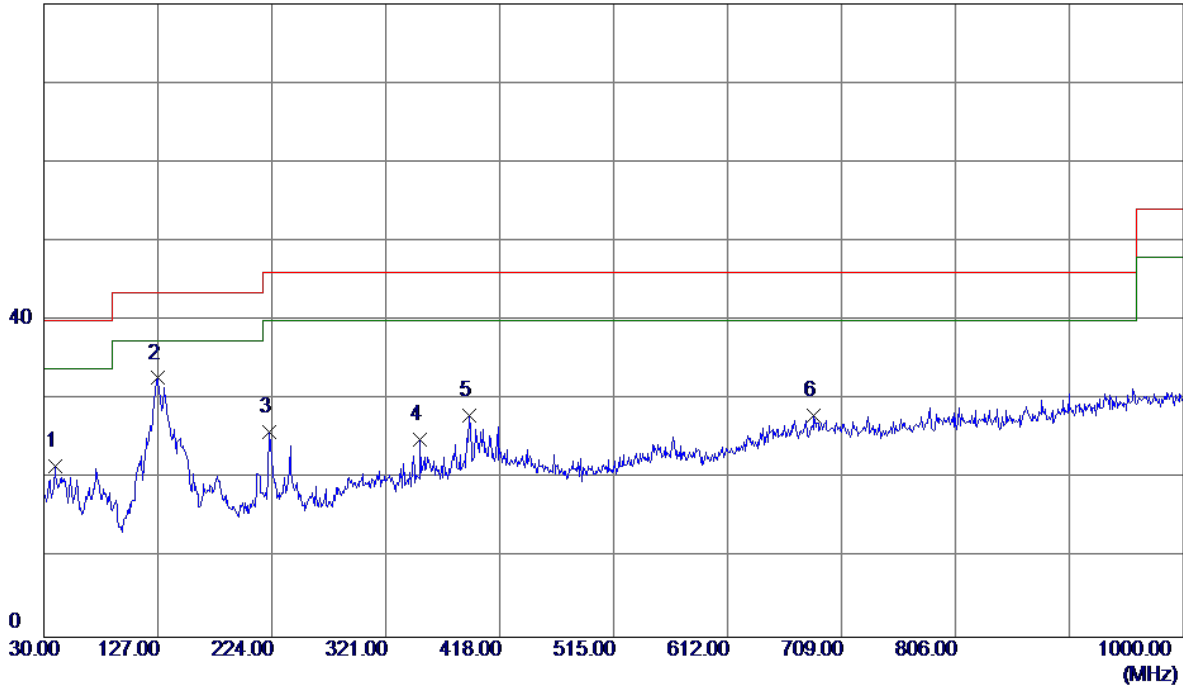


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	37.7599	43.79	-12.88	30.91	40.00	-9.09	Peak	
2	74.1350	43.97	-16.02	27.95	40.00	-12.05	Peak	
3 *	127.0000	49.02	-11.58	37.44	43.50	-6.06	Peak	
4	391.8100	37.46	-7.78	29.68	46.00	-16.32	Peak	
5	499.4800	33.46	-7.64	25.82	46.00	-20.18	Peak	
6	675.5349	28.51	-1.16	27.35	46.00	-18.65	Peak	

Test Mode: TX B MODE CHANNEL 11

Horizontal

80 dBuV/m

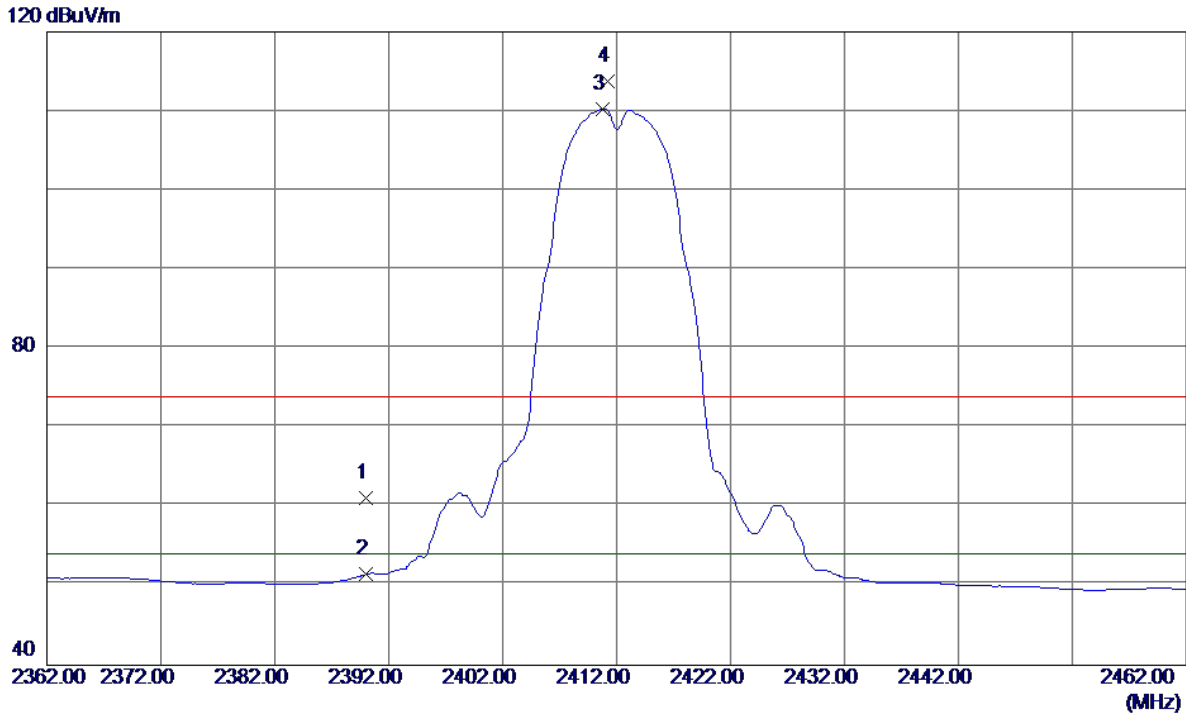


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	39.2150	34.24	-12.64	21.60	40.00	-18.40	Peak	
2 *	126.5150	44.37	-11.65	32.72	43.50	-10.78	Peak	
3	222.0600	39.63	-13.75	25.88	46.00	-20.12	Peak	
4	350.1000	35.77	-10.76	25.01	46.00	-20.99	Peak	
5	391.8100	35.81	-7.78	28.03	46.00	-17.97	Peak	
6	685.7199	28.98	-0.95	28.03	46.00	-17.97	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

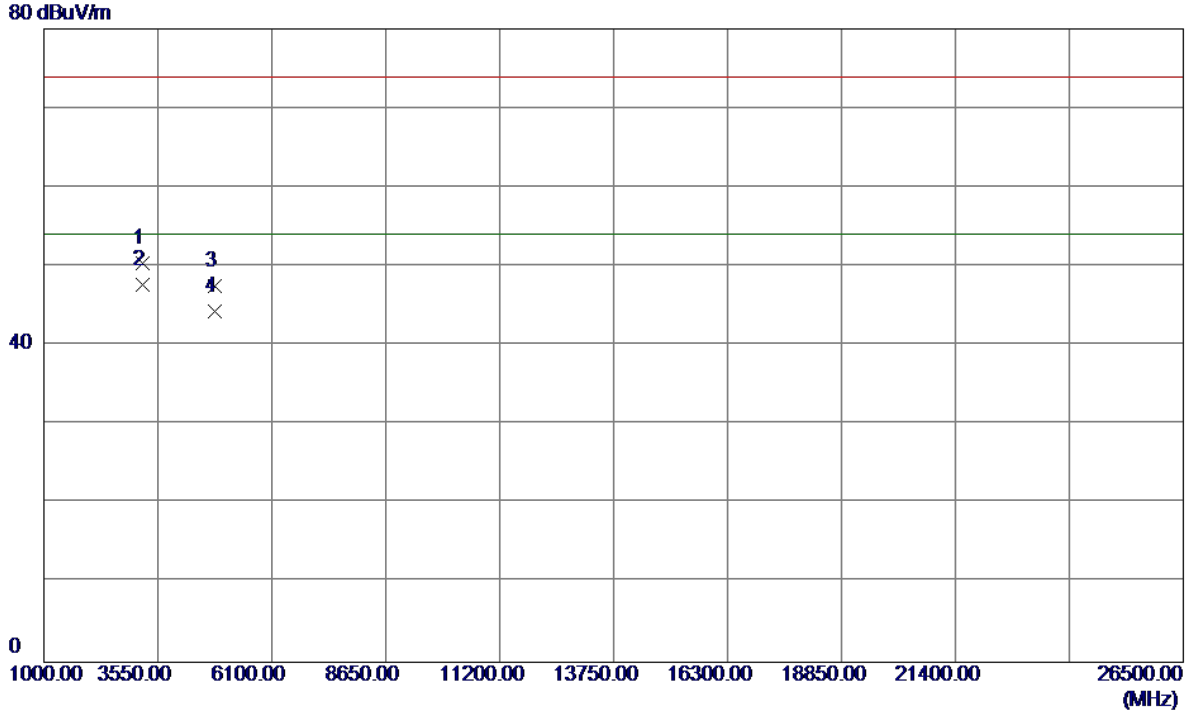
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	27.24	33.88	61.12	74.00	-12.88	Peak	
2	2390.0000	17.57	33.88	51.45	54.00	-2.55	AVG	
3 *	2410.8000	76.31	34.00	110.31	54.00	56.31	AVG	No Limit
4	2411.2000	79.83	34.00	113.83	74.00	39.83	Peak	No Limit

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

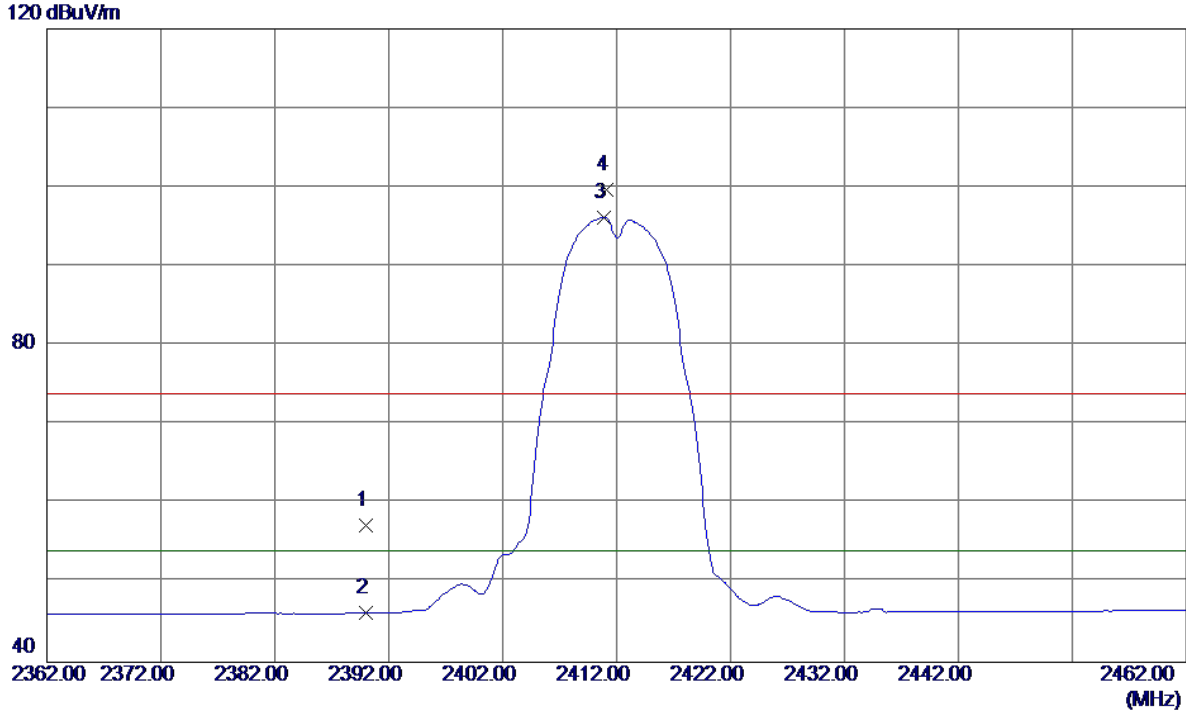
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3215.9720	48.07	2.34	50.41	74.00	-23.59	Peak	
2 *	3215.9920	45.42	2.34	47.76	54.00	-6.24	AVG	
3	4823.8600	42.07	5.45	47.52	74.00	-26.48	Peak	
4	4823.9430	38.93	5.45	44.38	54.00	-9.62	AVG	

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

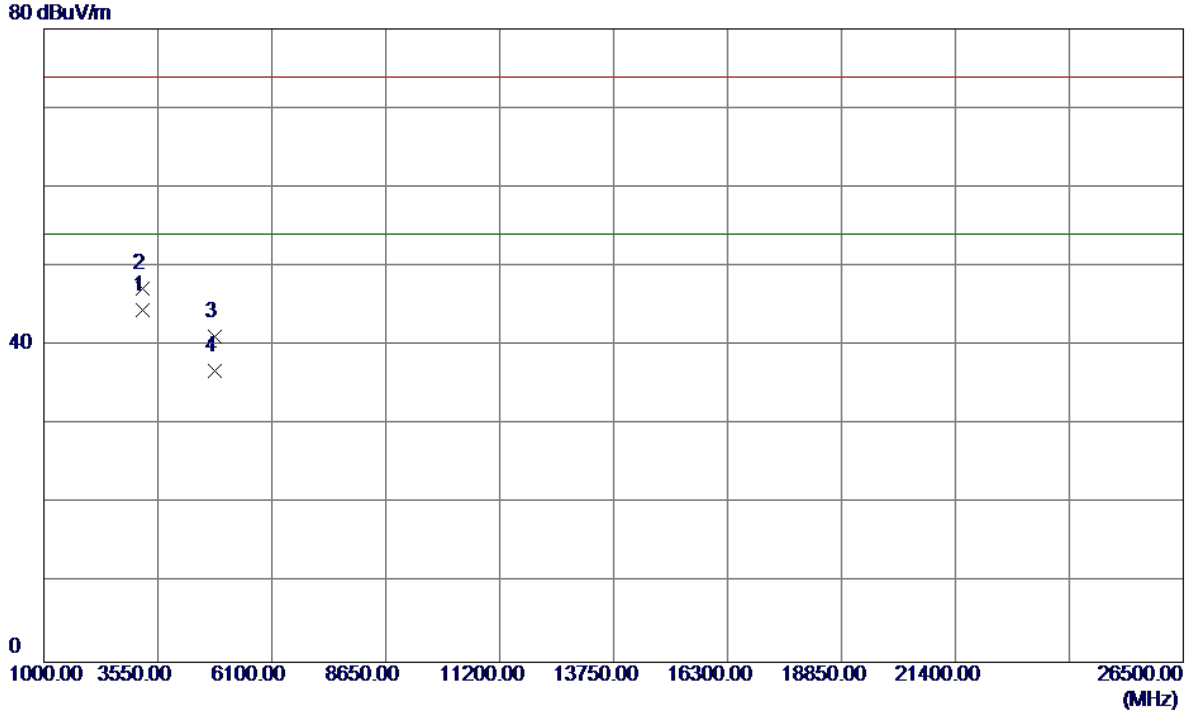
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.39	33.88	57.27	74.00	-16.73	Peak	
2	2390.0000	12.34	33.88	46.22	54.00	-7.78	AVG	
3 *	2410.9000	62.22	34.00	96.22	54.00	42.22	AVG	No Limit
4	2411.1000	65.63	34.00	99.63	74.00	25.63	Peak	No Limit

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

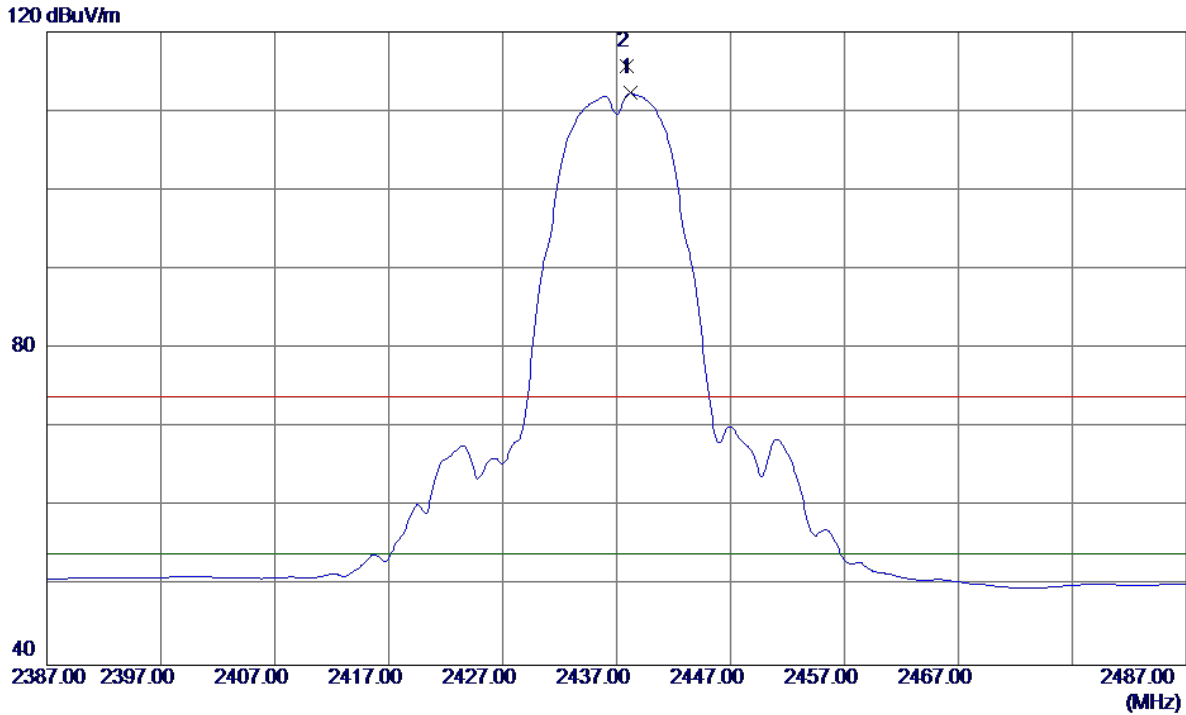
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3215.9520	42.12	2.34	44.46	54.00	-9.54	AVG	
2	3216.0029	44.90	2.34	47.24	74.00	-26.76	Peak	
3	4823.9049	35.67	5.45	41.12	74.00	-32.88	Peak	
4	4823.9450	31.37	5.45	36.82	54.00	-17.18	AVG	

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

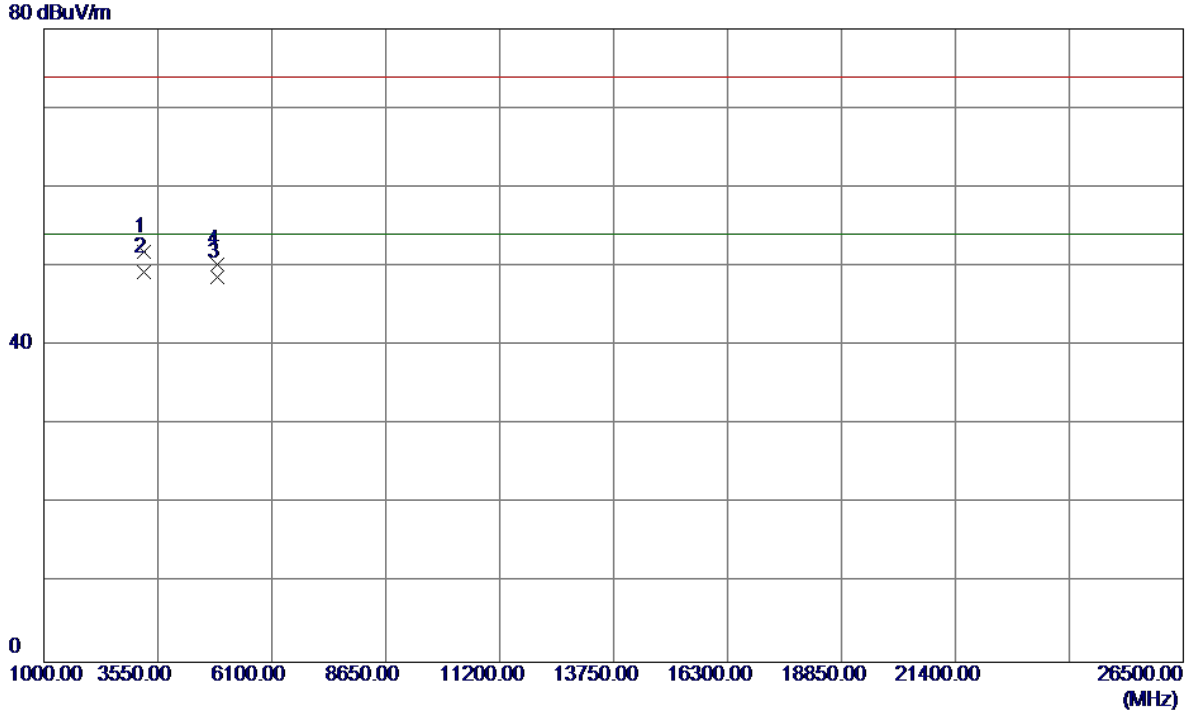
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2438.2000	78.10	34.15	112.25	54.00	58.25	AVG	No Limit
2	2437.9000	81.47	34.15	115.62	74.00	41.62	Peak	No Limit

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

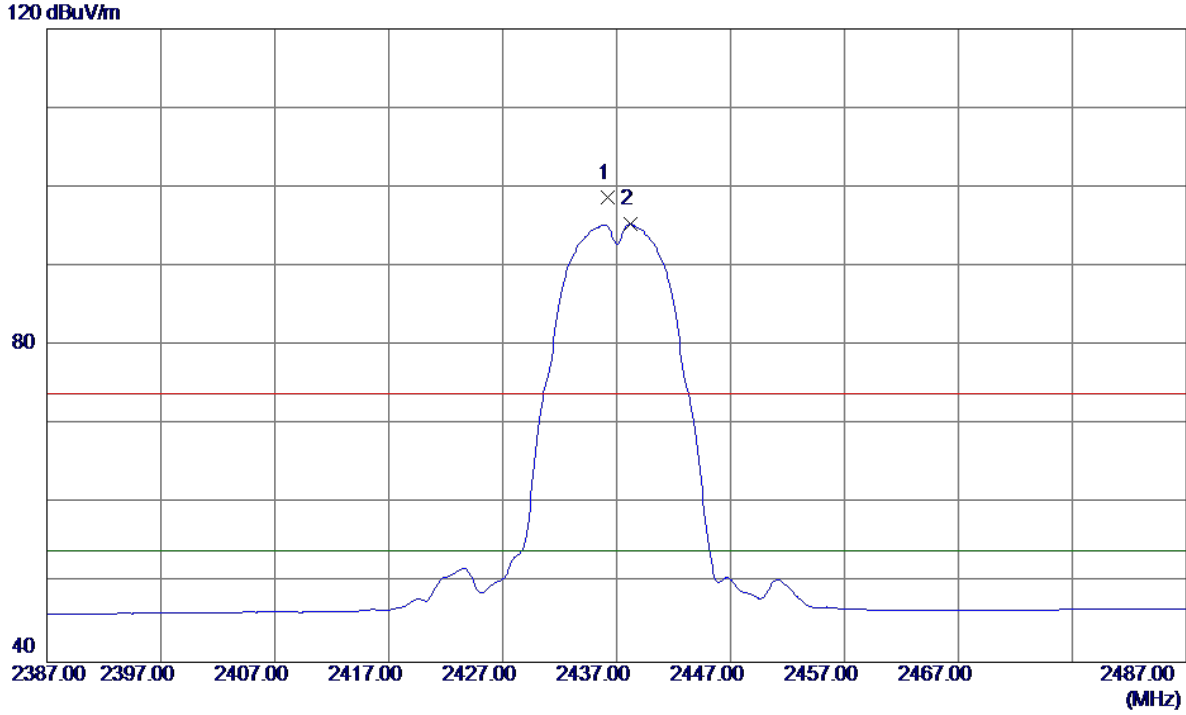
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3249.2669	49.58	2.33	51.91	74.00	-22.09	Peak	
2 *	3249.4030	47.01	2.33	49.34	54.00	-4.66	AVG	
3	4873.9550	42.91	5.70	48.61	54.00	-5.39	AVG	
4	4874.0550	44.50	5.70	50.20	74.00	-23.80	Peak	

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

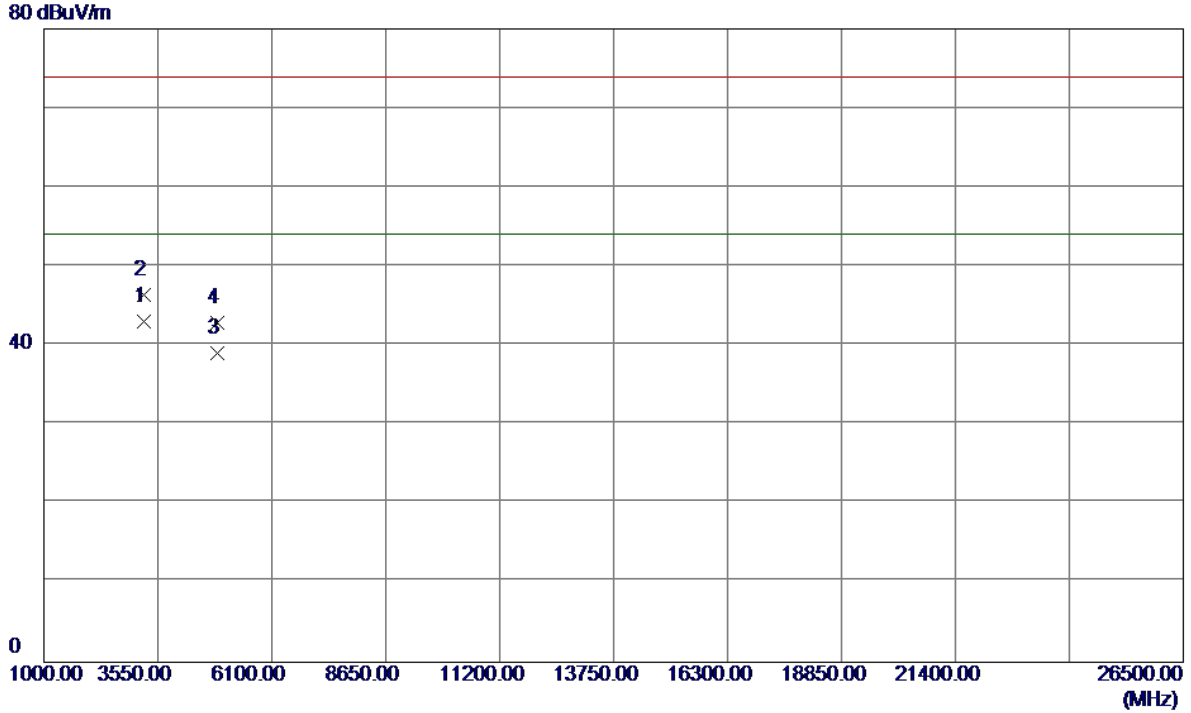
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2436.2000	64.50	34.14	98.64	74.00	24.64	Peak	No Limit
2 *	2438.2000	61.17	34.15	95.32	54.00	41.32	AVG	No Limit

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

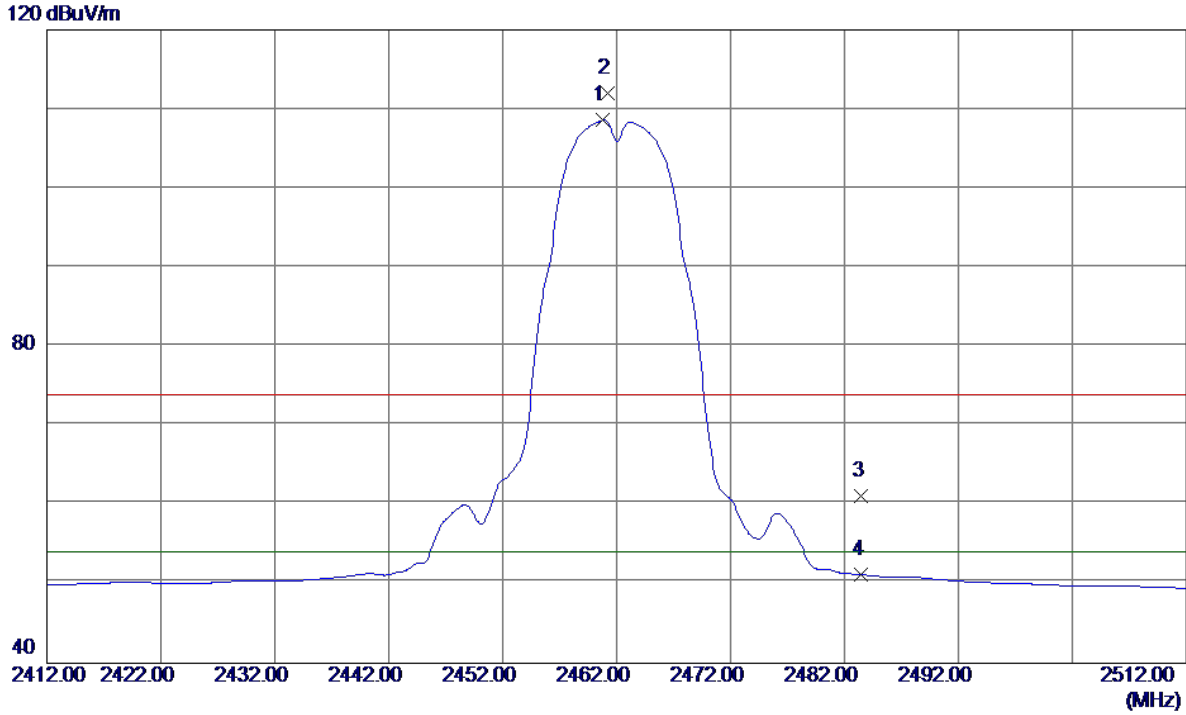
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3249.3000	40.69	2.33	43.02	54.00	-10.98	AVG	
2	3249.3100	44.04	2.33	46.37	74.00	-27.63	Peak	
3	4873.9320	33.33	5.70	39.03	54.00	-14.97	AVG	
4	4873.9770	37.14	5.70	42.84	74.00	-31.16	Peak	

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

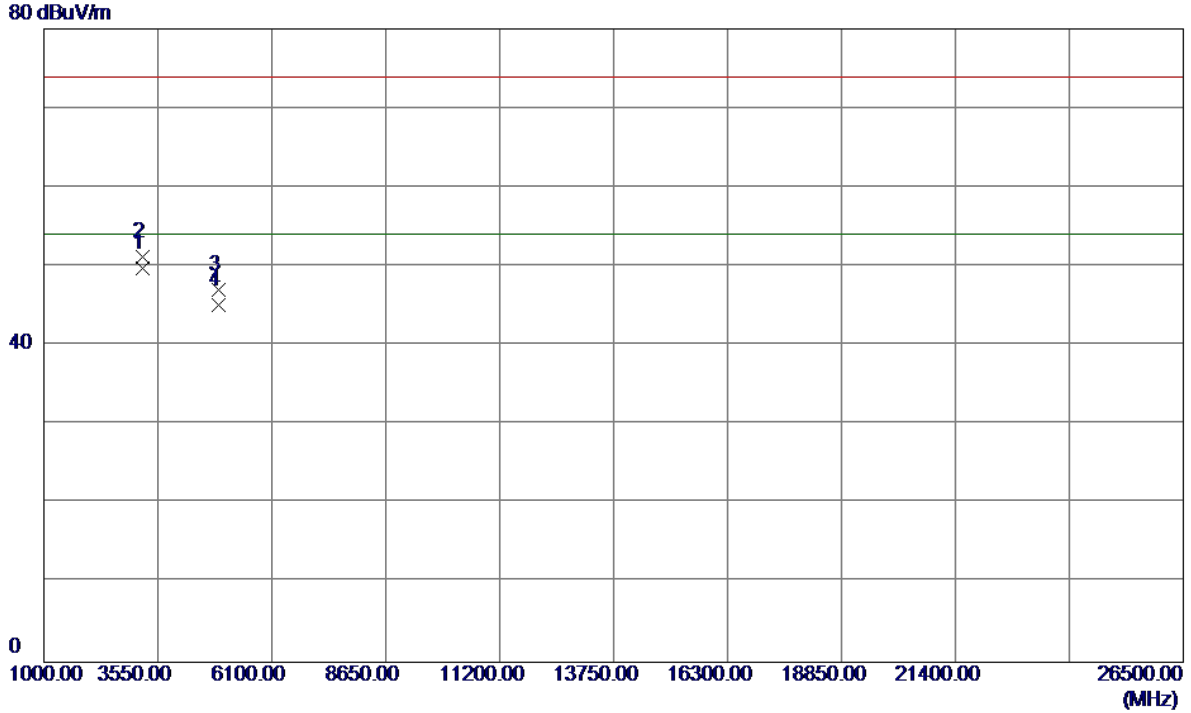
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.8000	74.30	34.28	108.58	54.00	54.58	AVG	No Limit
2	2461.2000	77.71	34.29	112.00	74.00	38.00	Peak	No Limit
3	2483.5000	26.70	34.41	61.11	74.00	-12.89	Peak	
4	2483.5000	16.81	34.41	51.22	54.00	-2.78	AVG	

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

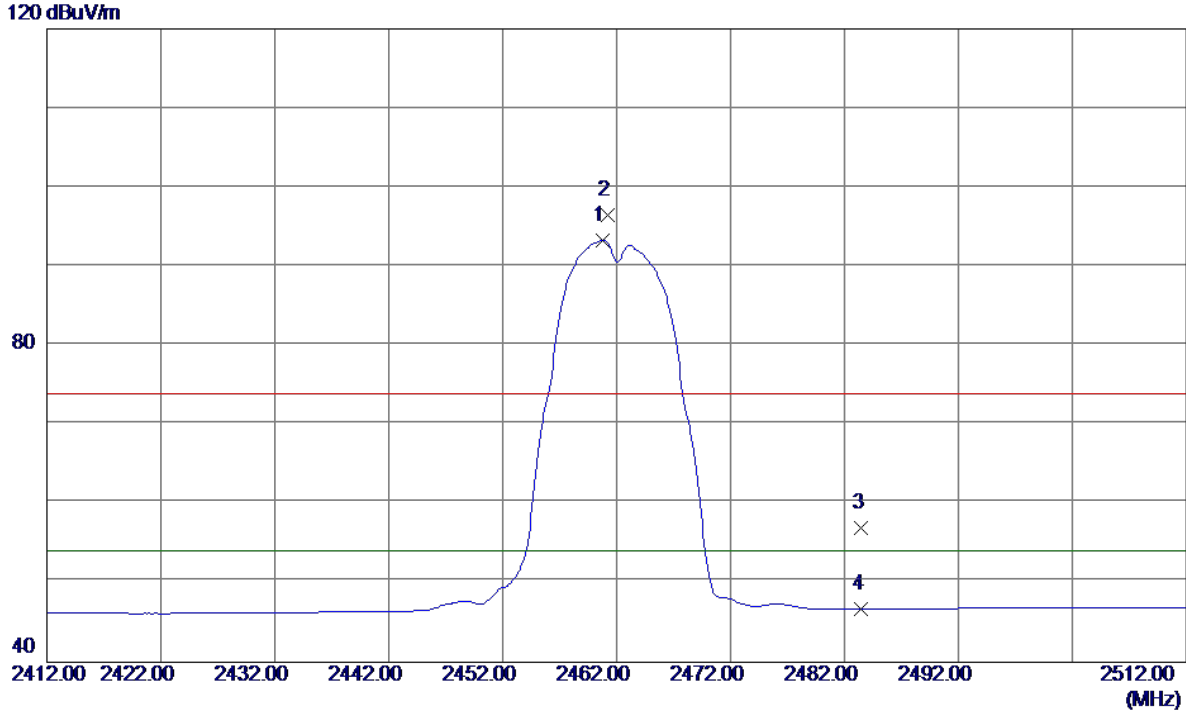
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3215.9770	47.48	2.34	49.82	54.00	-4.18	AVG	
2	3215.9970	48.92	2.34	51.26	74.00	-22.74	Peak	
3	4923.9350	41.07	5.94	47.01	74.00	-26.99	Peak	
4	4923.9700	39.15	5.94	45.09	54.00	-8.91	AVG	

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

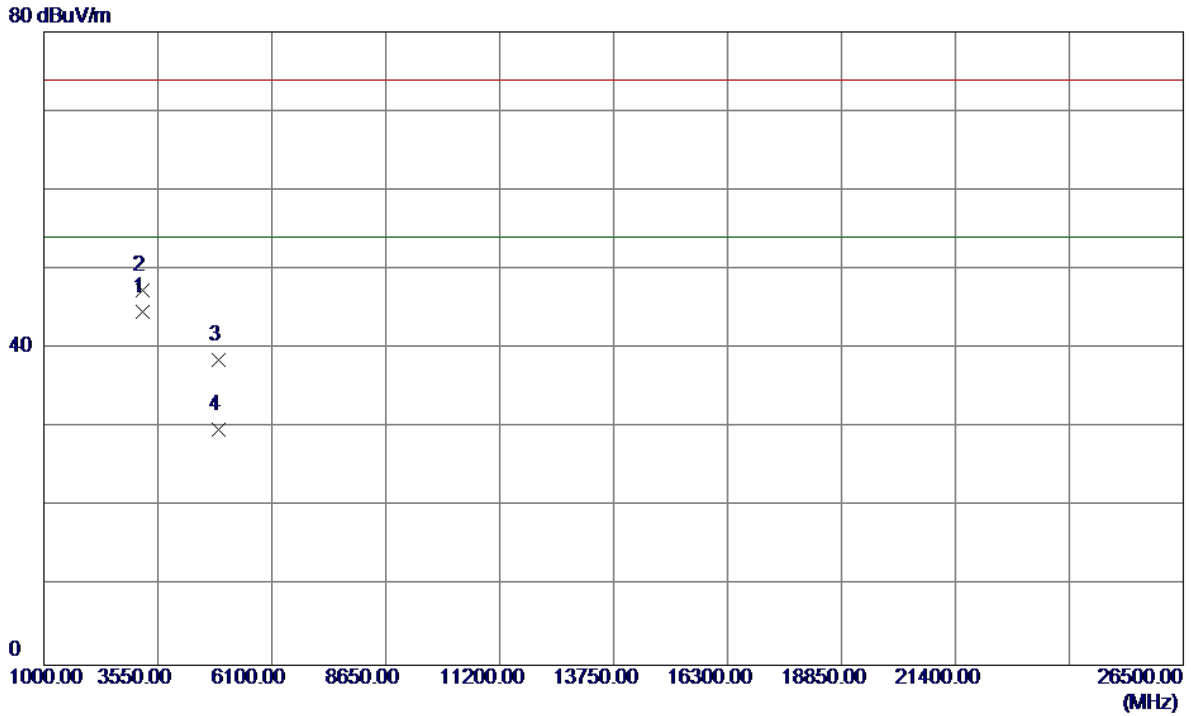
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.8000	59.00	34.28	93.28	54.00	39.28	AVG	No Limit
2	2461.2000	62.19	34.29	96.48	74.00	22.48	Peak	No Limit
3	2483.5000	22.48	34.41	56.89	74.00	-17.11	Peak	
4	2483.5000	12.34	34.41	46.75	54.00	-7.25	AVG	

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

Horizontal

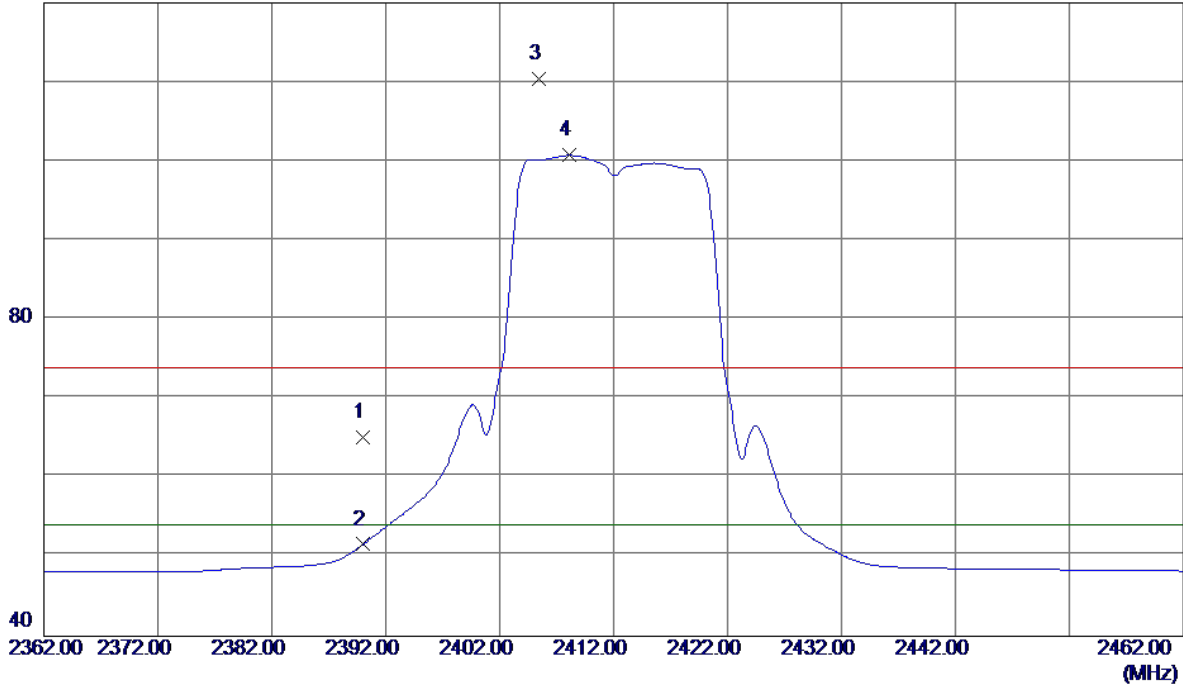


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3215.9550	42.32	2.34	44.66	54.00	-9.34	AVG	
2	3215.9880	45.07	2.34	47.41	74.00	-26.59	Peak	
3	4923.7300	32.59	5.94	38.53	74.00	-35.47	Peak	
4	4923.9350	23.77	5.94	29.71	54.00	-24.29	AVG	

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

Vertical

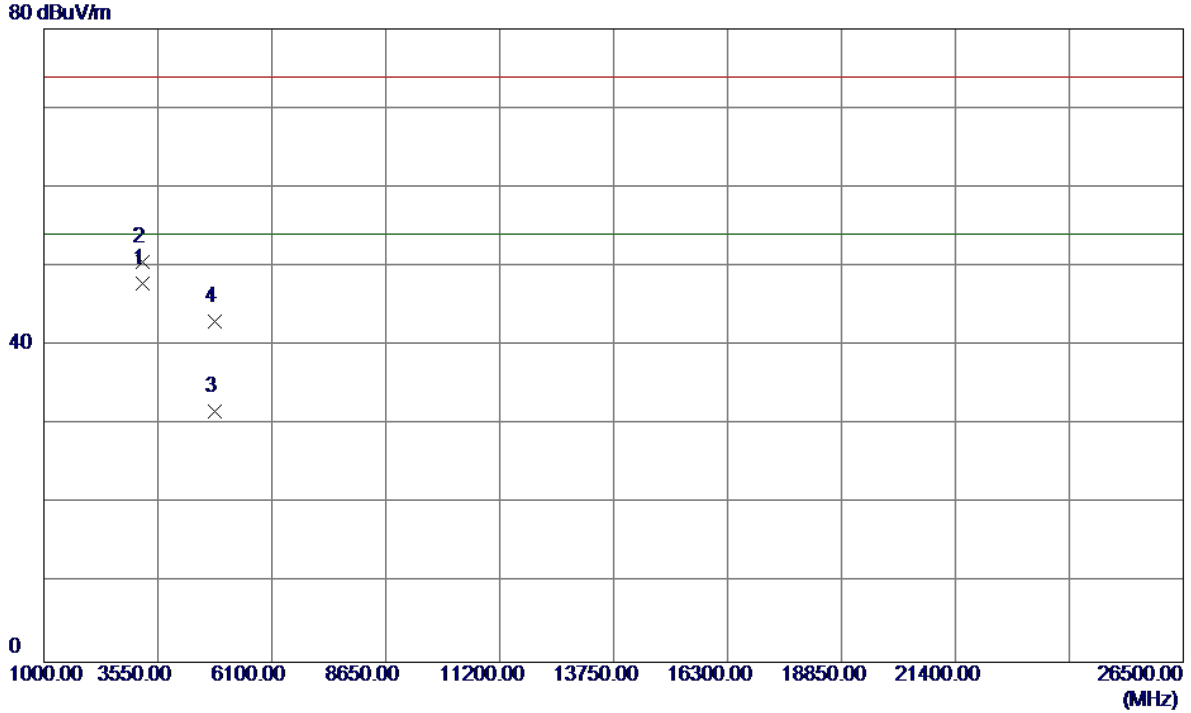
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	31.24	33.88	65.12	74.00	-8.88	Peak	
2	2390.0000	17.72	33.88	51.60	54.00	-2.40	AVG	
3	2405.4000	76.42	33.96	110.38	74.00	36.38	Peak	No Limit
4 *	2408.1000	66.75	33.98	100.73	54.00	46.73	AVG	No Limit

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

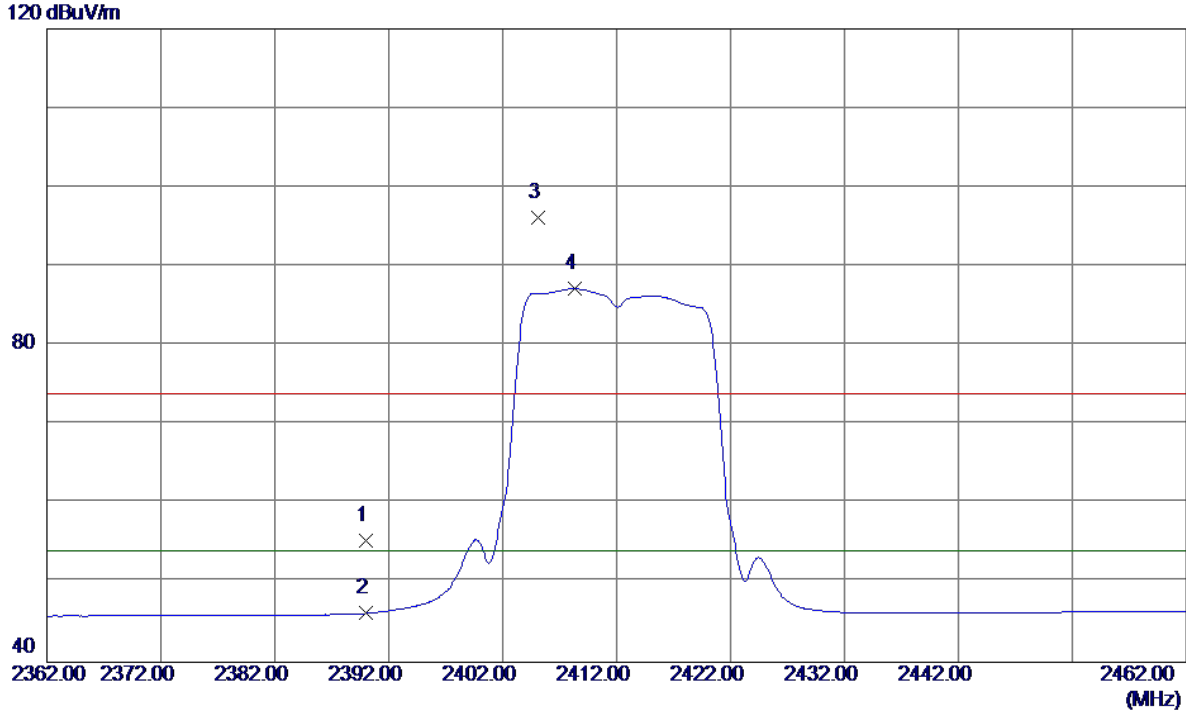
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3215.9880	45.49	2.34	47.83	54.00	-6.17	AVG	
2	3215.9920	48.28	2.34	50.62	74.00	-23.38	Peak	
3	4824.1500	26.29	5.46	31.75	54.00	-22.25	AVG	
4	4826.4300	37.60	5.47	43.07	74.00	-30.93	Peak	

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

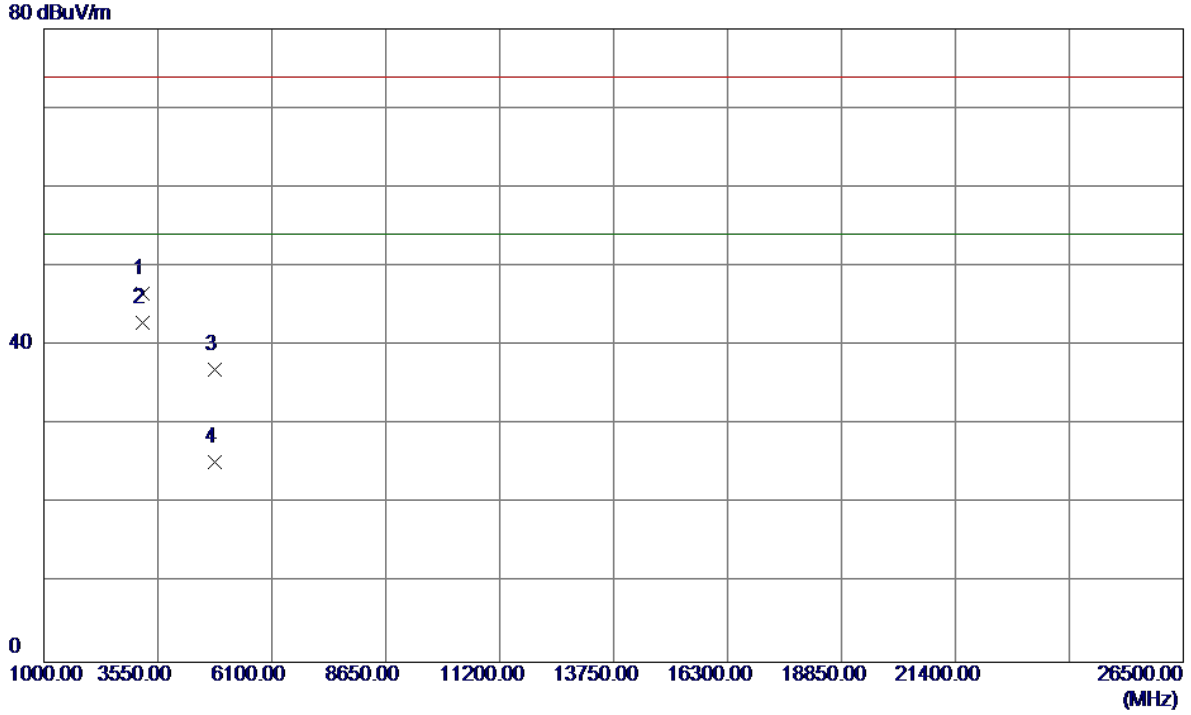
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	21.46	33.88	55.34	74.00	-18.66	Peak	
2	2390.0000	12.29	33.88	46.17	54.00	-7.83	AVG	
3	2405.1000	62.25	33.96	96.21	74.00	22.21	Peak	No Limit
4 *	2408.3000	53.18	33.98	87.16	54.00	33.16	AVG	No Limit

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

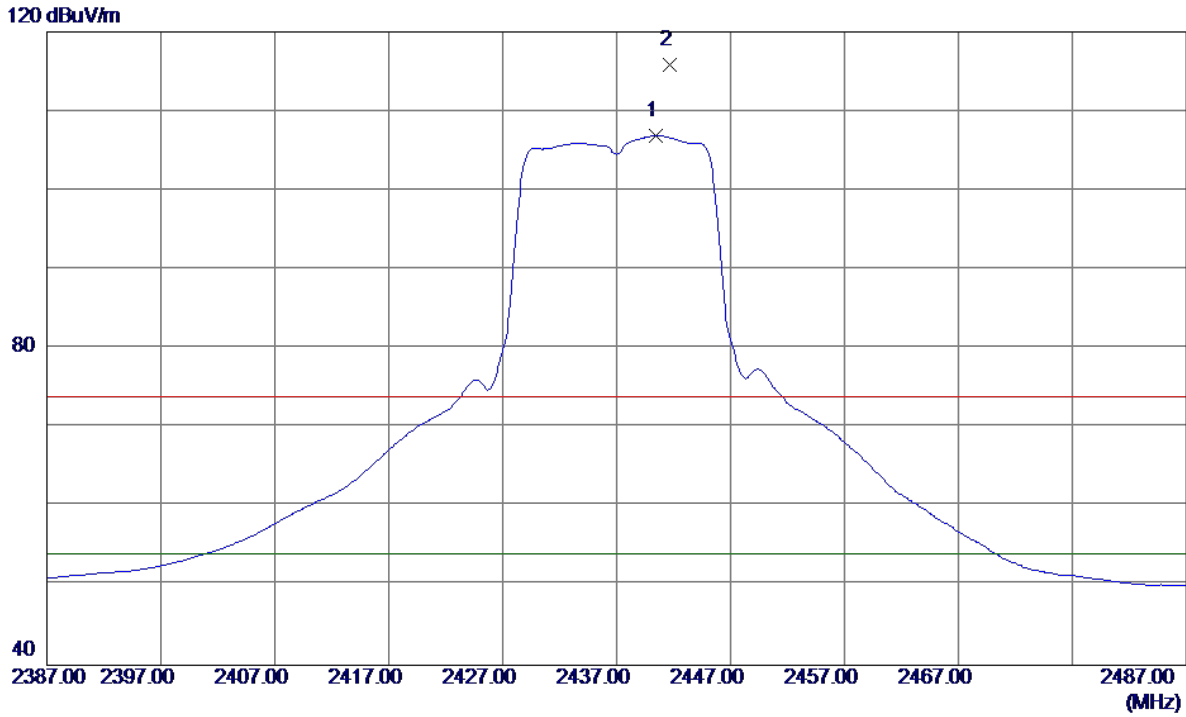
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3215.9550	44.28	2.34	46.62	74.00	-27.38	Peak	
2 *	3215.9830	40.61	2.34	42.95	54.00	-11.05	AVG	
3	4822.9880	31.50	5.45	36.95	74.00	-37.05	Peak	
4	4823.9700	19.88	5.45	25.33	54.00	-28.67	AVG	

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

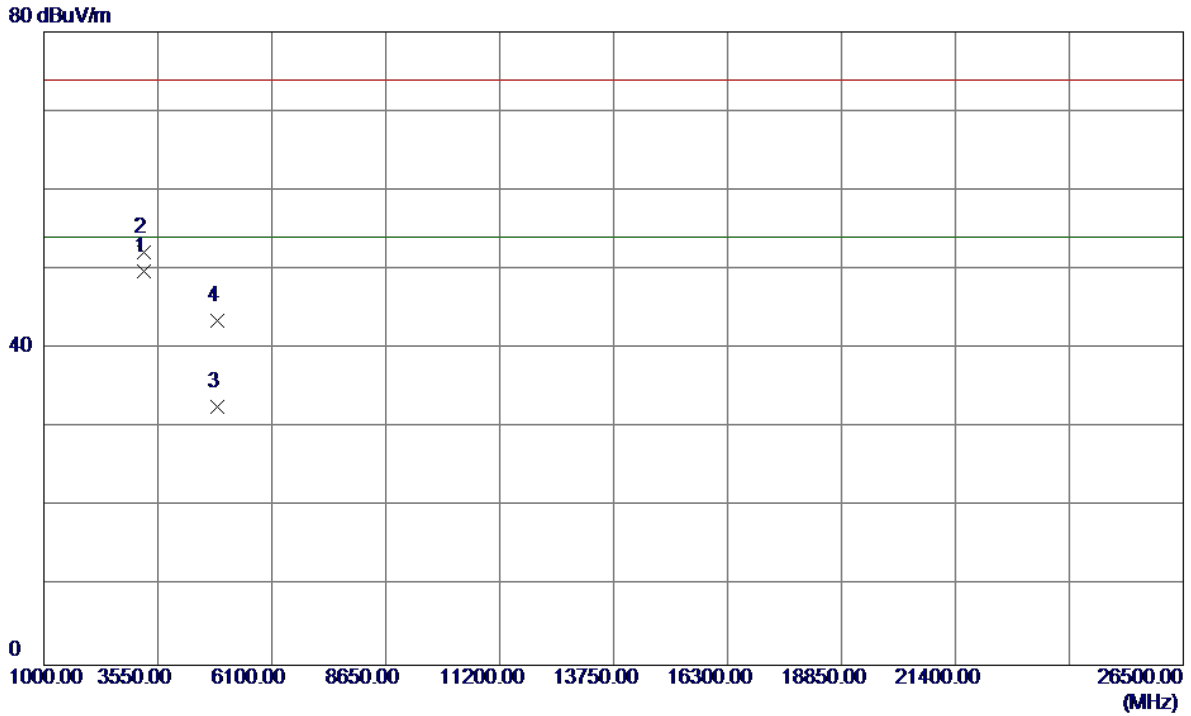
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2440.4000	72.69	34.17	106.86	54.00	52.86	AVG	No Limit
2	2441.7000	81.68	34.17	115.85	74.00	41.85	Peak	No Limit

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

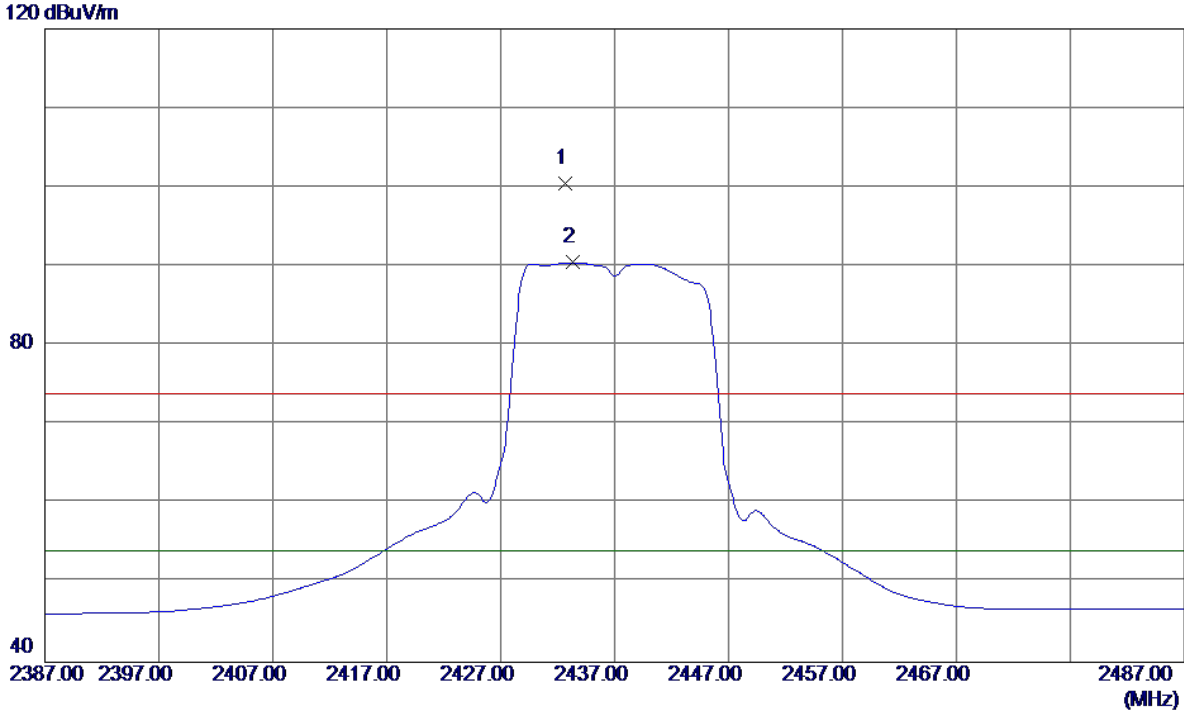
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3249.3180	47.40	2.33	49.73	54.00	-4.27	AVG	
2	3249.4030	49.85	2.33	52.18	74.00	-21.82	Peak	
3	4873.7000	26.95	5.70	32.65	54.00	-21.35	AVG	
4	4878.4500	37.77	5.72	43.49	74.00	-30.51	Peak	

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

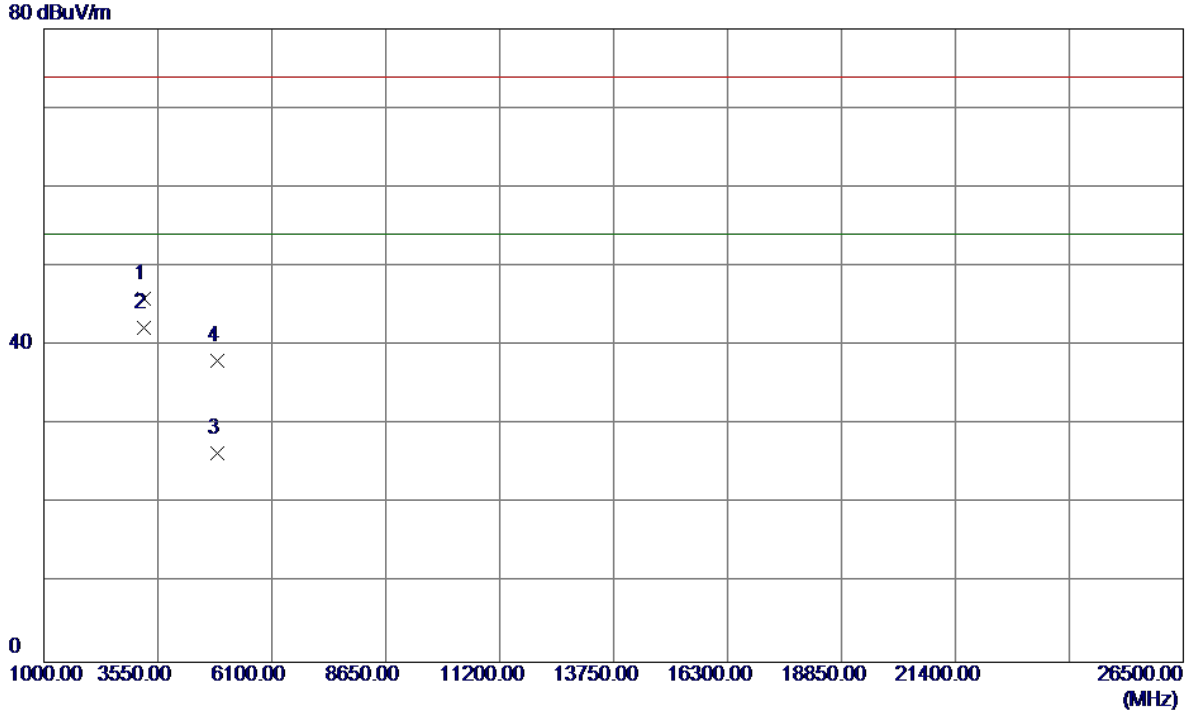
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2432.7000	66.28	34.12	100.40	74.00	26.40	Peak	No Limit
2 *	2433.3000	56.35	34.13	90.48	54.00	36.48	AVG	No Limit

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

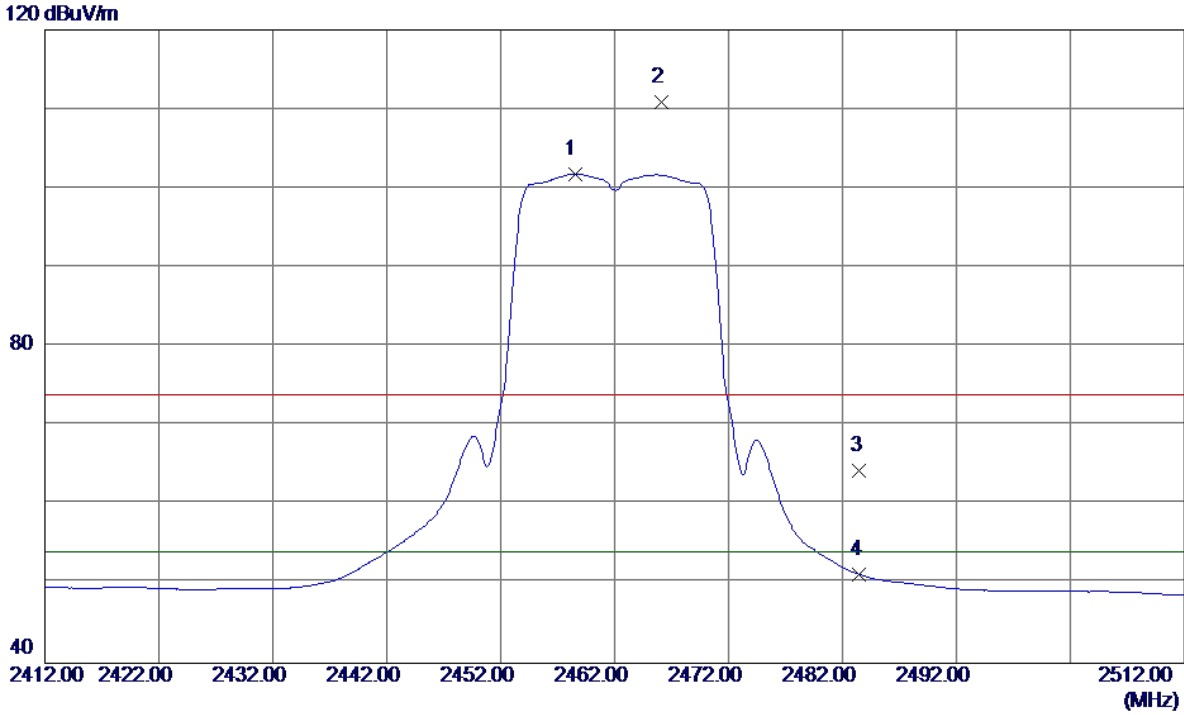
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3249.2669	43.52	2.33	45.85	74.00	-28.15	Peak	
2 *	3249.3100	39.87	2.33	42.20	54.00	-11.80	AVG	
3	4874.5330	20.63	5.70	26.33	54.00	-27.67	AVG	
4	4874.6050	32.42	5.70	38.12	74.00	-35.88	Peak	

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

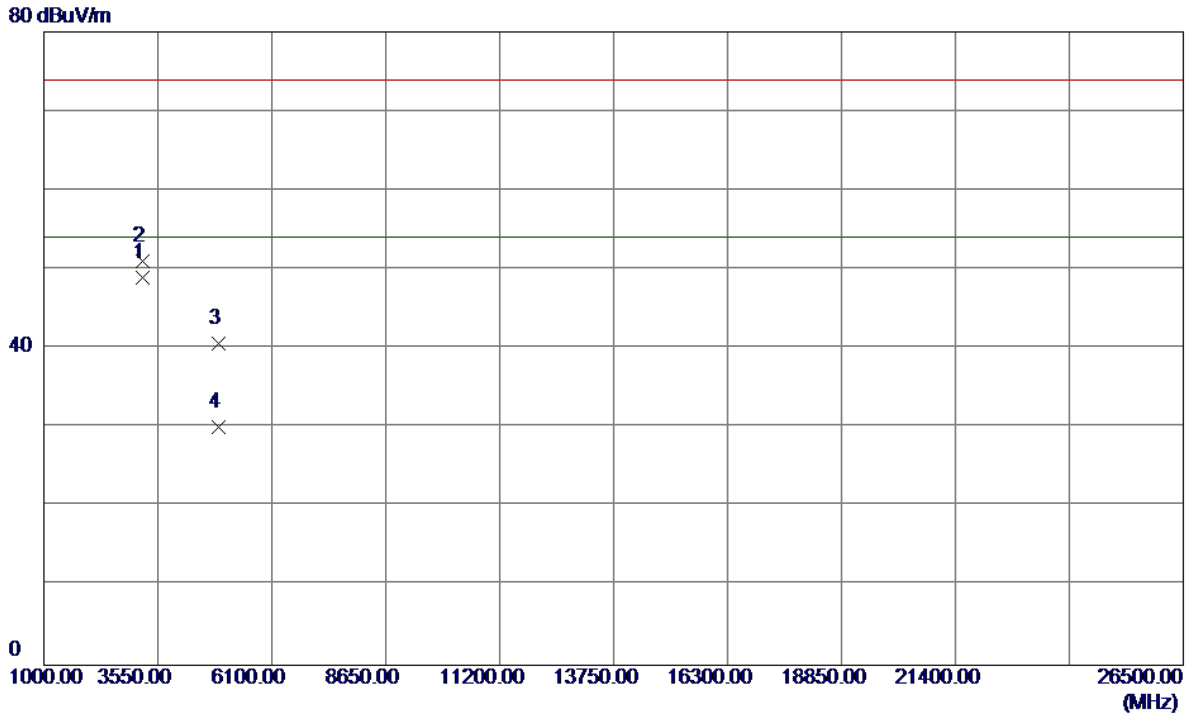
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2458.5000	67.51	34.27	101.78	54.00	47.78	AVG	No Limit
2	2466.1000	76.56	34.31	110.87	74.00	36.87	Peak	No Limit
3	2483.5000	29.94	34.41	64.35	74.00	-9.65	Peak	
4	2483.5000	16.80	34.41	51.21	54.00	-2.79	AVG	

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

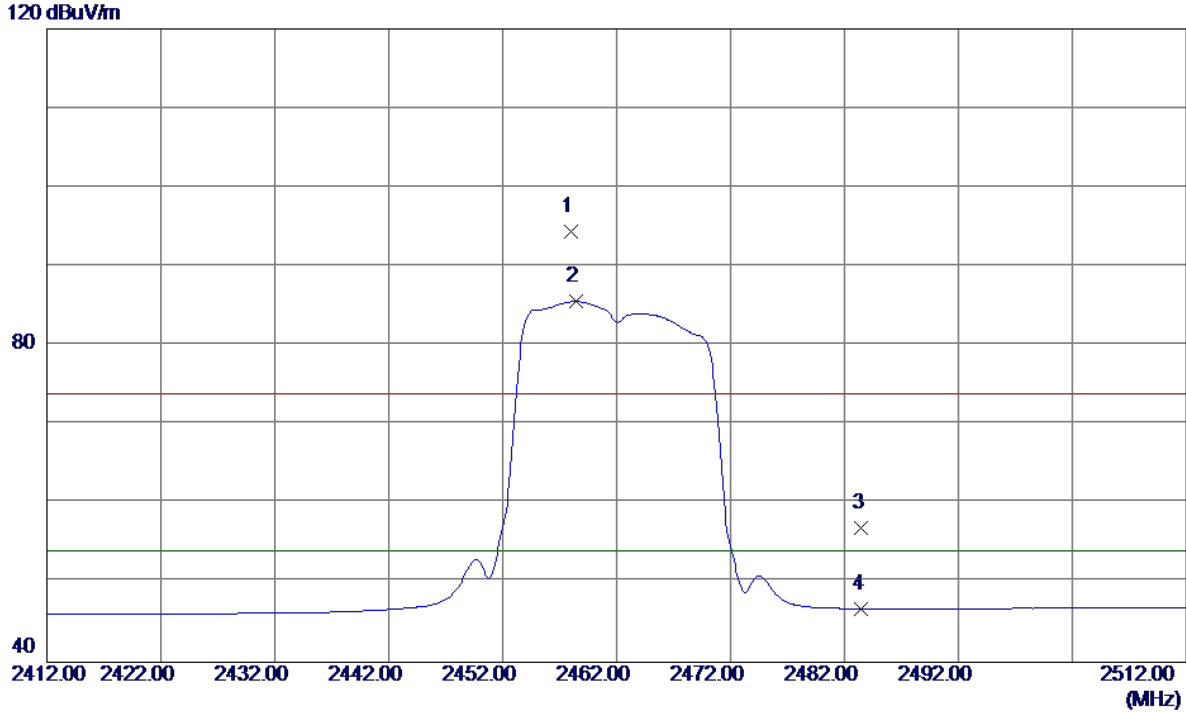
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3215.9250	46.58	2.34	48.92	54.00	-5.08	AVG	
2	3215.9400	48.77	2.34	51.11	74.00	-22.89	Peak	
3	4920.7000	34.68	5.92	40.60	74.00	-33.40	Peak	
4	4924.1000	24.18	5.94	30.12	54.00	-23.88	AVG	

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

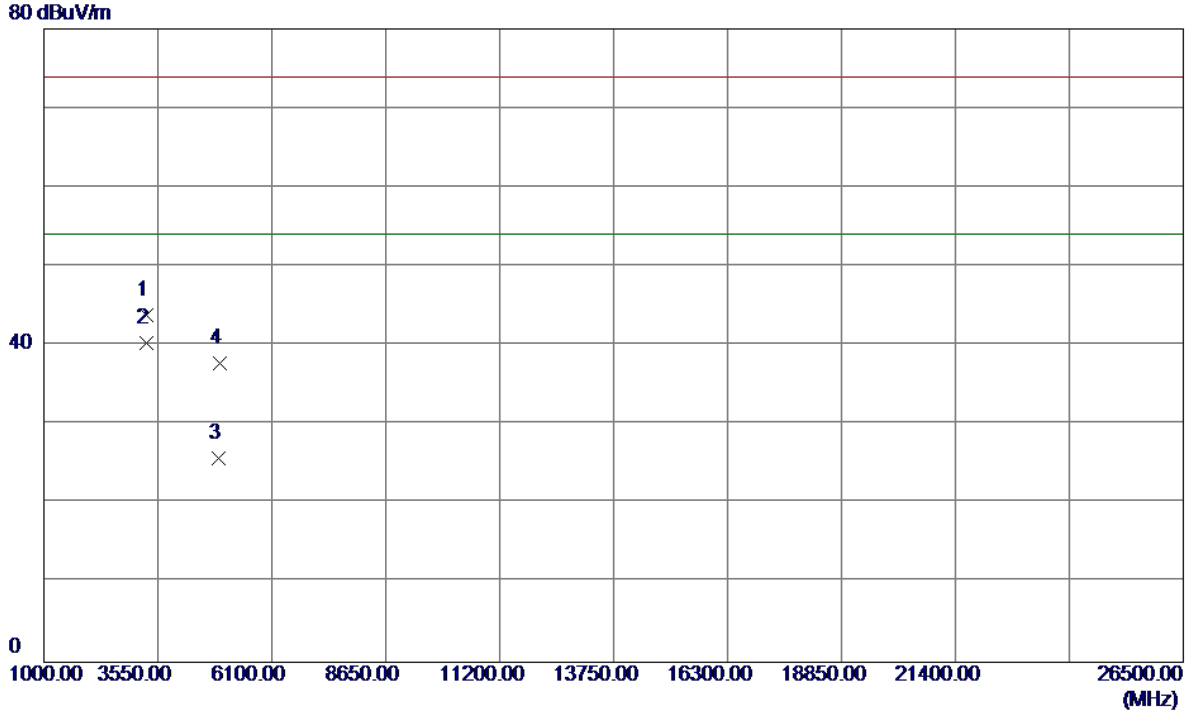
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2458.0000	60.06	34.27	94.33	74.00	20.33	Peak	No Limit
2 *	2458.4000	51.29	34.27	85.56	54.00	31.56	AVG	No Limit
3	2483.5000	22.57	34.41	56.98	74.00	-17.02	Peak	
4	2483.5000	12.32	34.41	46.73	54.00	-7.27	AVG	

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

Horizontal

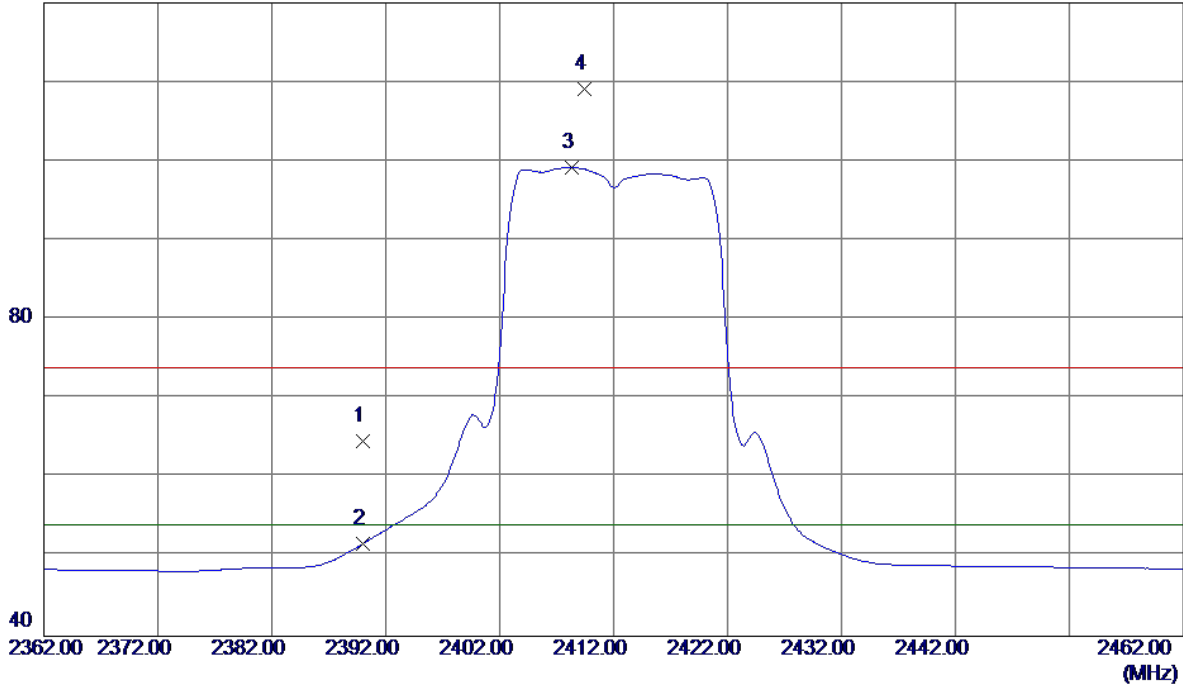


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3282.5500	41.53	2.32	43.85	74.00	-30.15	Peak	
2 *	3282.6900	38.04	2.32	40.36	54.00	-13.64	AVG	
3	4923.4950	19.86	5.94	25.80	54.00	-28.20	AVG	
4	4924.8370	31.81	5.94	37.75	74.00	-36.25	Peak	

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

Vertical

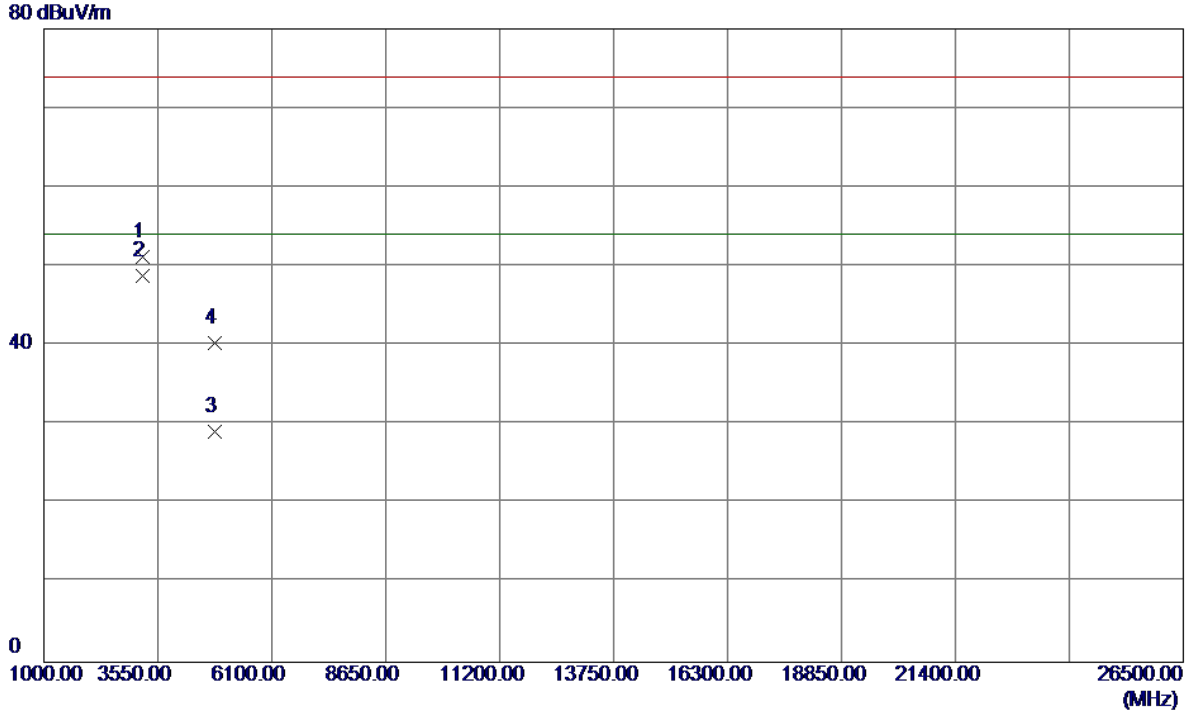
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	30.71	33.88	64.59	74.00	-9.41	Peak	
2	2390.0000	17.81	33.88	51.69	54.00	-2.31	AVG	
3 *	2408.3000	65.19	33.98	99.17	54.00	45.17	AVG	No Limit
4	2409.4000	75.07	33.99	109.06	74.00	35.06	Peak	No Limit

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

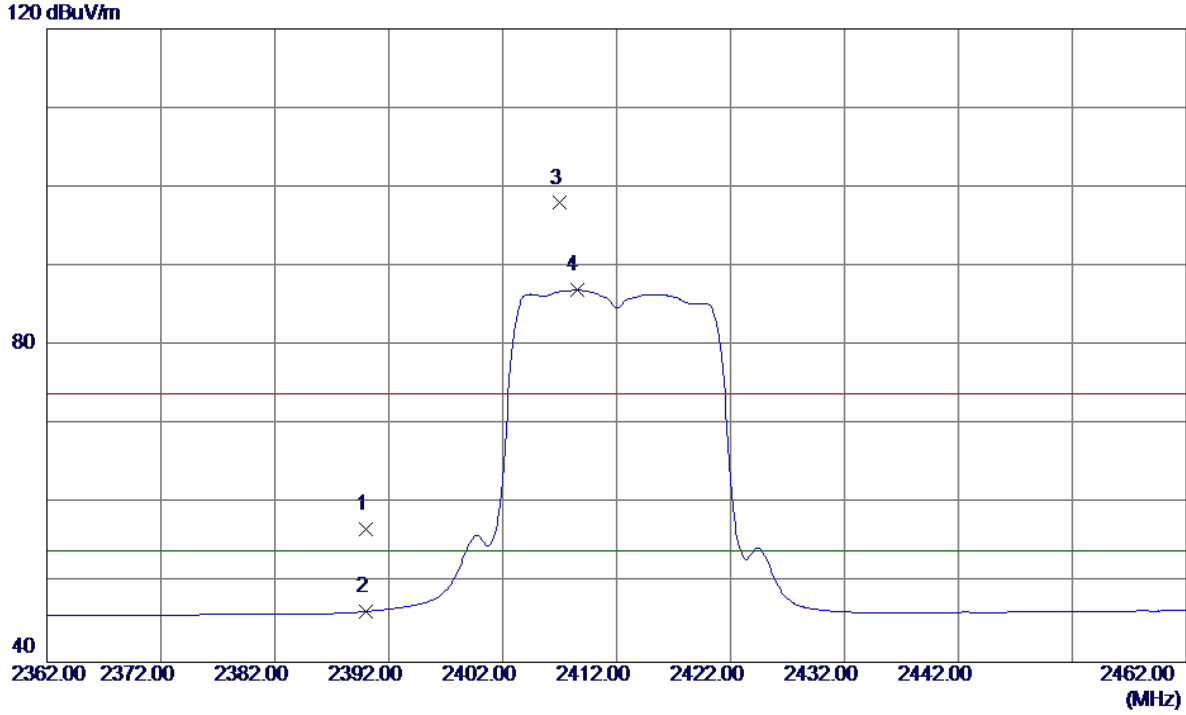
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3215.9250	48.80	2.34	51.14	74.00	-22.86	Peak	
2 *	3215.9750	46.39	2.34	48.73	54.00	-5.27	AVG	
3	4823.2500	23.63	5.45	29.08	54.00	-24.92	AVG	
4	4824.4500	34.86	5.46	40.32	74.00	-33.68	Peak	

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

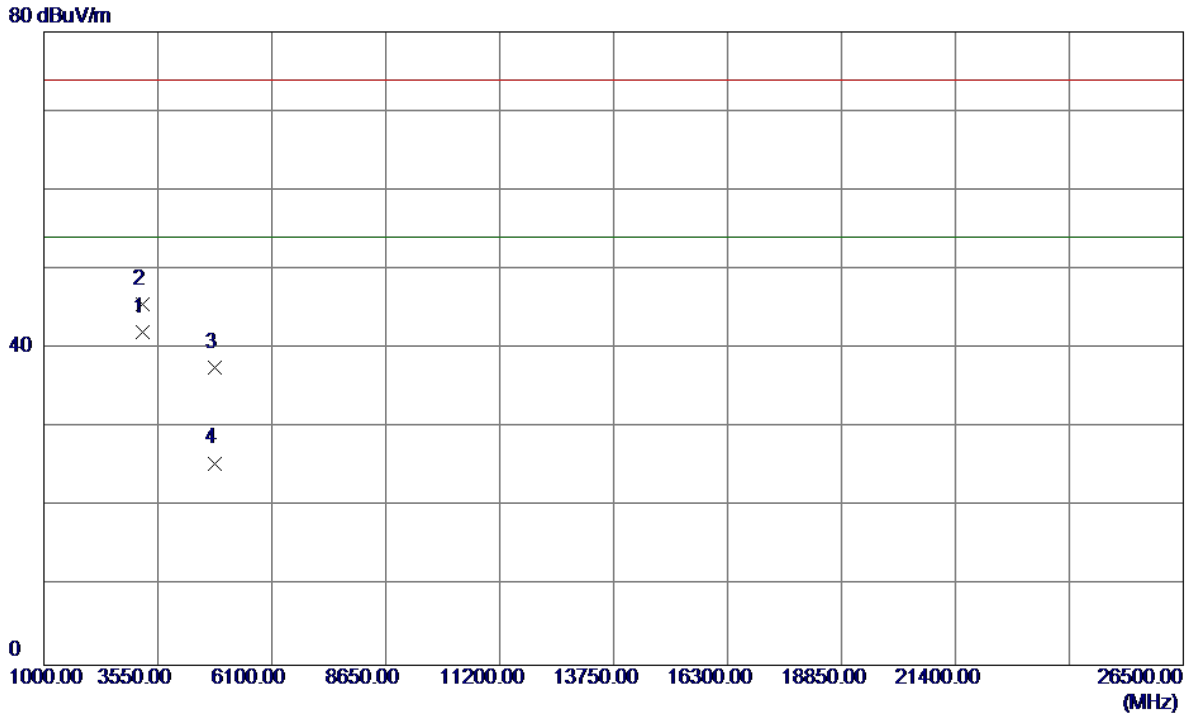
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	22.91	33.88	56.79	74.00	-17.21	Peak	
2	2390.0000	12.52	33.88	46.40	54.00	-7.60	AVG	
3	2407.0000	64.03	33.97	98.00	74.00	24.00	Peak	No Limit
4 *	2408.5000	53.00	33.98	86.98	54.00	32.98	AVG	No Limit

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

Horizontal

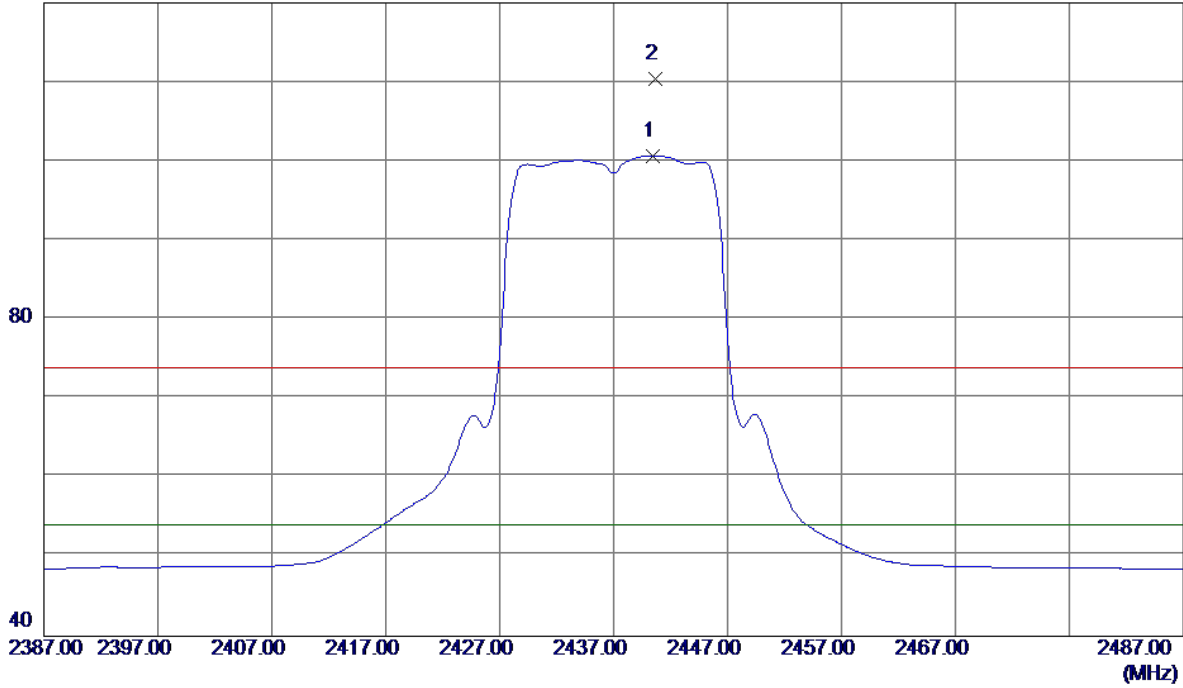


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3215.9550	39.71	2.34	42.05	54.00	-11.95	AVG	
2	3215.9920	43.25	2.34	45.59	74.00	-28.41	Peak	
3	4823.4169	32.14	5.45	37.59	74.00	-36.41	Peak	
4	4823.8330	20.07	5.45	25.52	54.00	-28.48	AVG	

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

Vertical

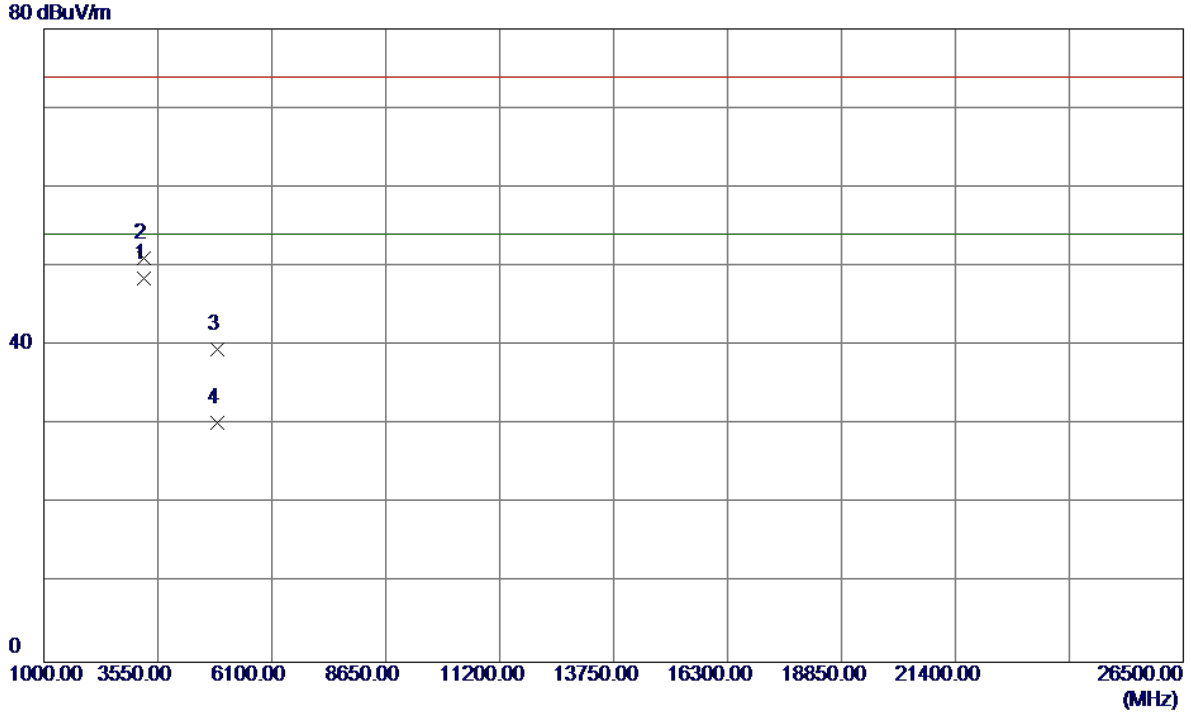
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2440.4000	66.54	34.17	100.71	54.00	46.71	AVG	No Limit
2	2440.7000	76.20	34.17	110.37	74.00	36.37	Peak	No Limit

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

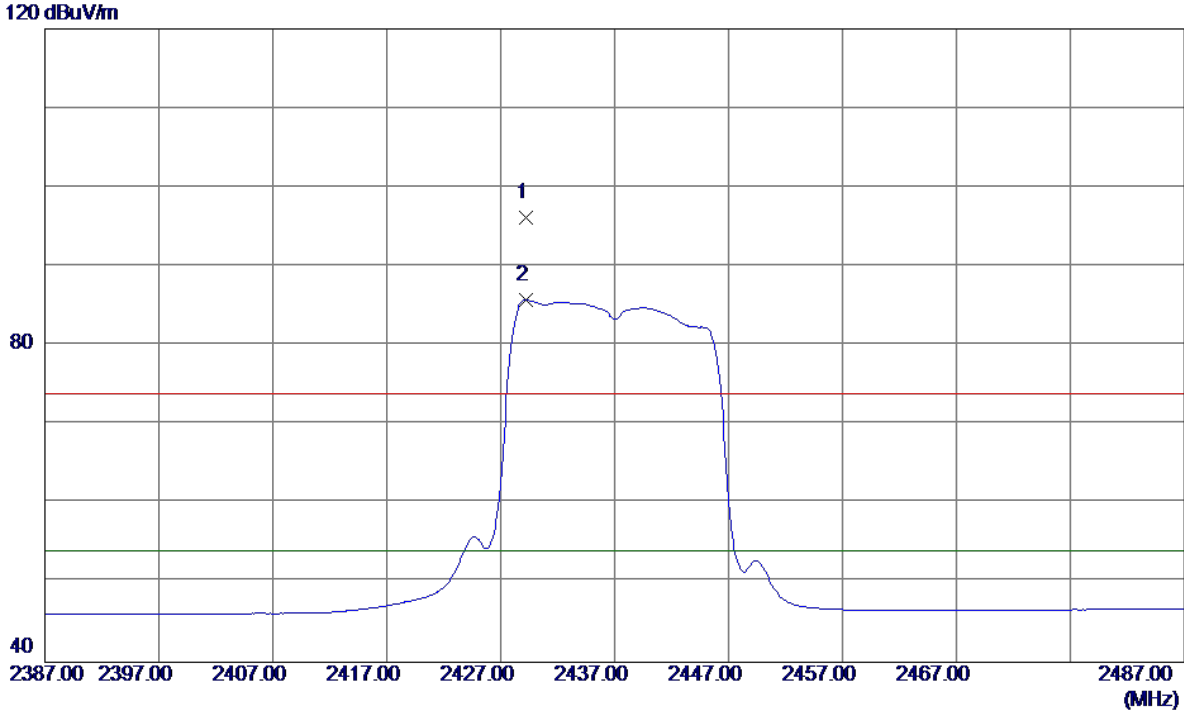
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3249.3050	46.22	2.33	48.55	54.00	-5.45	AVG	
2	3249.3400	48.73	2.33	51.06	74.00	-22.94	Peak	
3	4872.1500	33.90	5.69	39.59	74.00	-34.41	Peak	
4	4873.8500	24.49	5.70	30.19	54.00	-23.81	AVG	

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

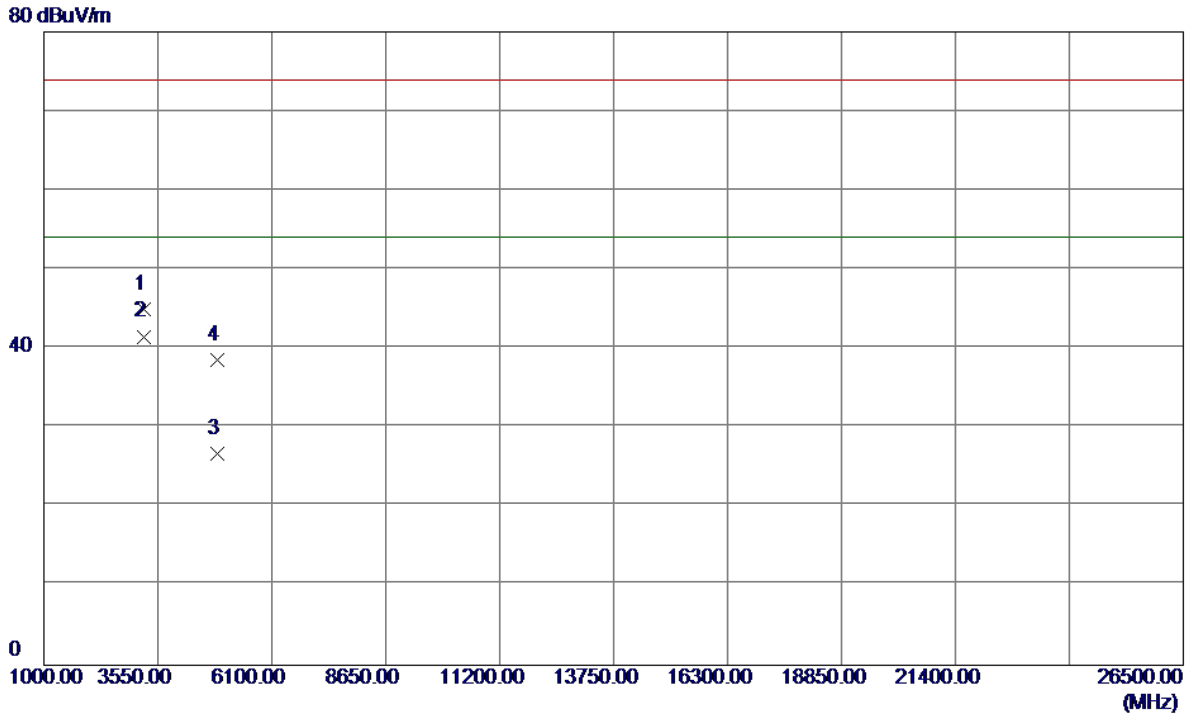
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2429.2000	62.07	34.10	96.17	74.00	22.17	Peak	No Limit
2 *	2429.2000	51.64	34.10	85.74	54.00	31.74	AVG	No Limit

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

Horizontal

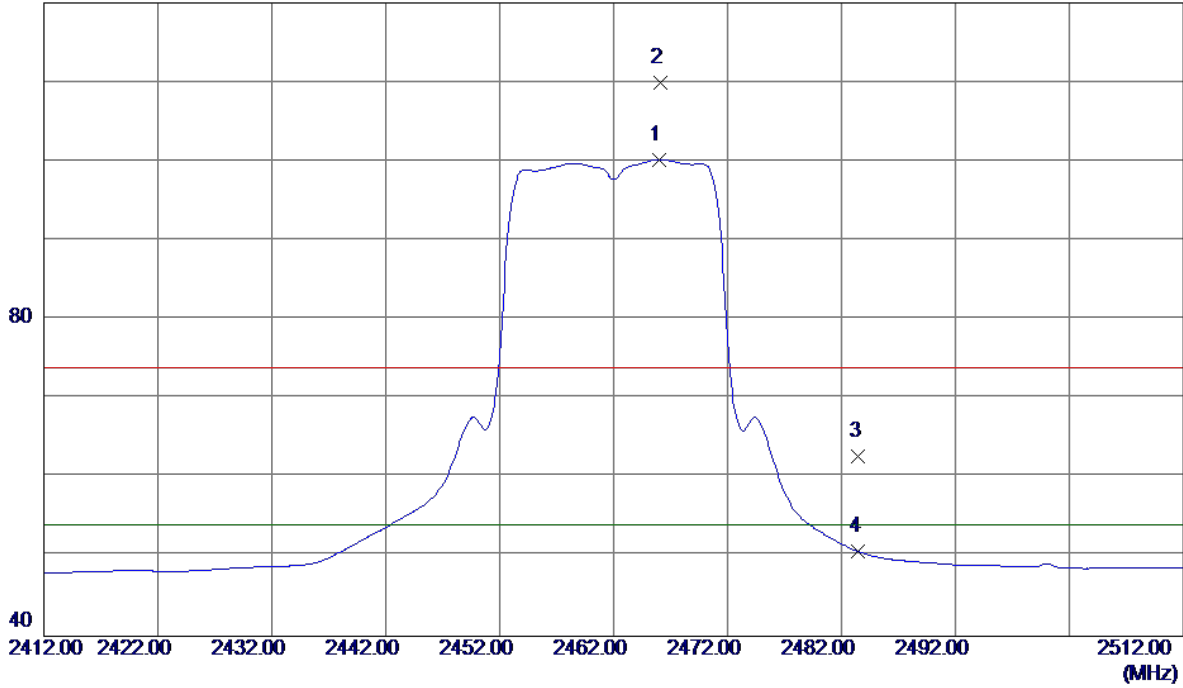


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3249.2220	42.66	2.33	44.99	74.00	-29.01	Peak	
2 *	3249.3270	39.19	2.33	41.52	54.00	-12.48	AVG	
3	4874.1370	21.02	5.70	26.72	54.00	-27.28	AVG	
4	4874.3470	32.83	5.70	38.53	74.00	-35.47	Peak	

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

Vertical

120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2466.0000	65.91	34.31	100.22	54.00	46.22	AVG	No Limit
2	2466.1000	75.58	34.31	109.89	74.00	35.89	Peak	No Limit
3	2483.5000	28.35	34.41	62.76	74.00	-11.24	Peak	
4	2483.5000	16.27	34.41	50.68	54.00	-3.32	AVG	

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

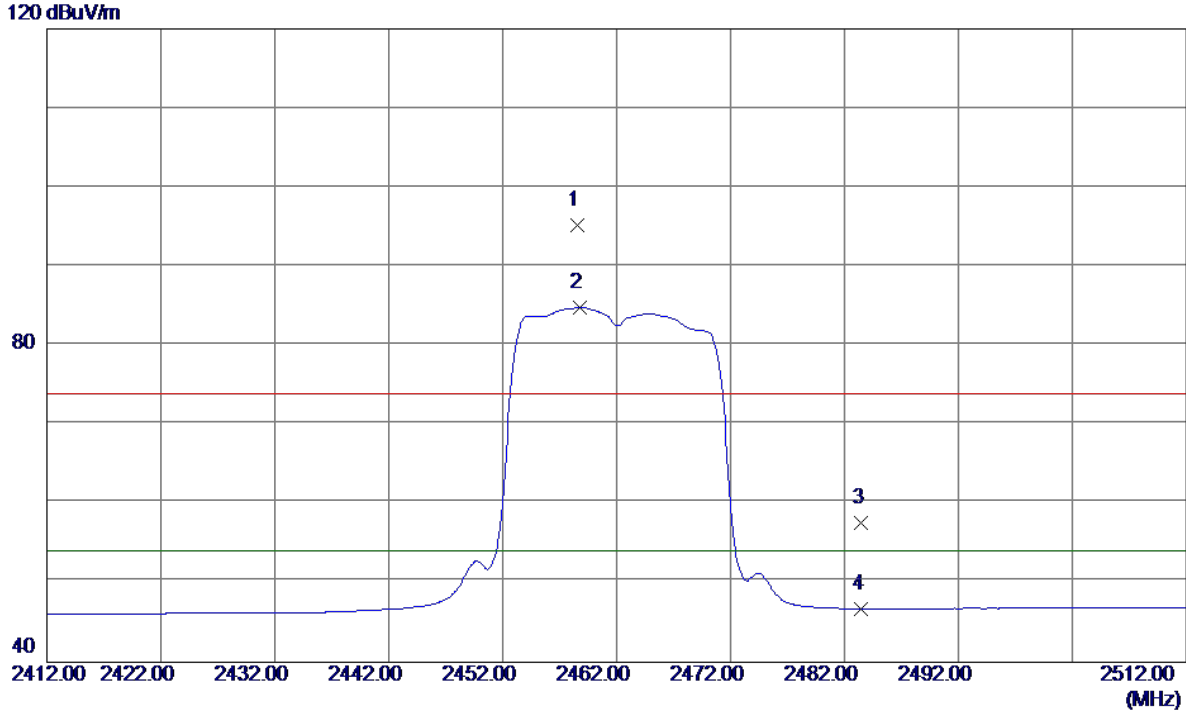
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3282.6450	44.57	2.32	46.89	54.00	-7.11	AVG	
2	3282.6930	47.14	2.32	49.46	74.00	-24.54	Peak	
3	4919.9100	32.96	5.92	38.88	74.00	-35.12	Peak	
4	4923.8500	23.20	5.94	29.14	54.00	-24.86	AVG	

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

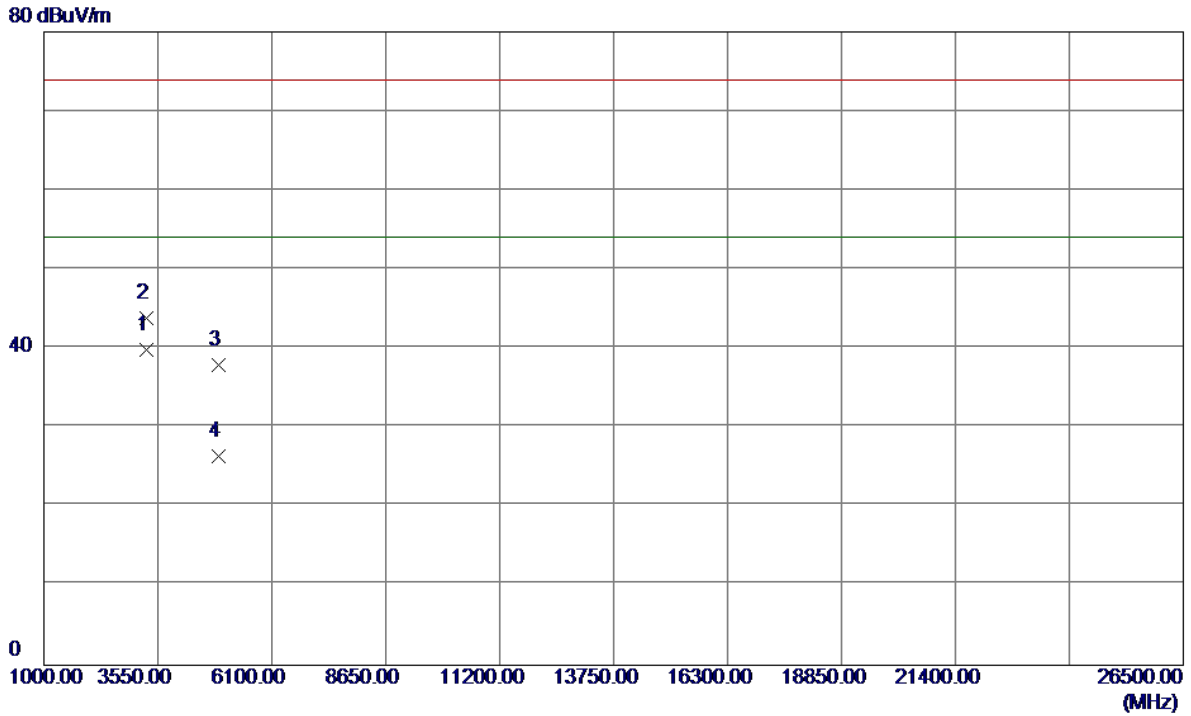
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2458.6000	60.89	34.27	95.16	74.00	21.16	Peak	No Limit
2 *	2458.8000	50.51	34.27	84.78	54.00	30.78	AVG	No Limit
3	2483.5000	23.26	34.41	57.67	74.00	-16.33	Peak	
4	2483.5000	12.35	34.41	46.76	54.00	-7.24	AVG	

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

Horizontal

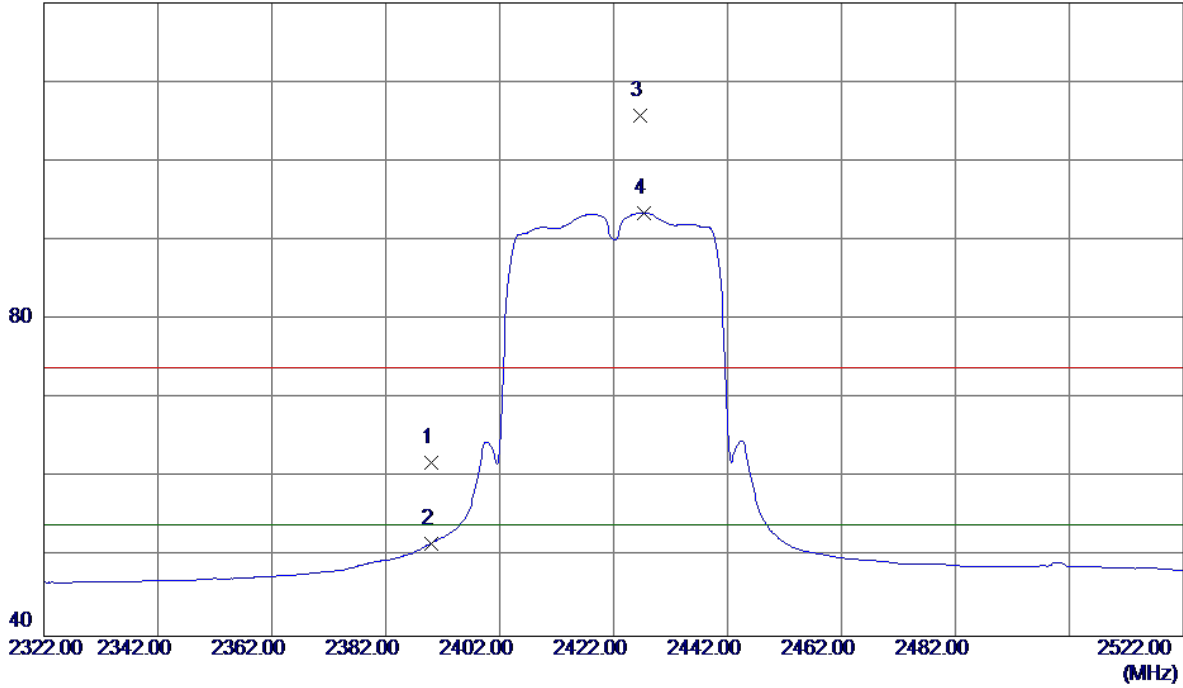


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3282.6680	37.54	2.32	39.86	54.00	-14.14	AVG	
2	3282.6900	41.49	2.32	43.81	74.00	-30.19	Peak	
3	4923.8600	32.02	5.94	37.96	74.00	-36.04	Peak	
4	4923.9049	20.42	5.94	26.36	54.00	-27.64	AVG	

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

Vertical

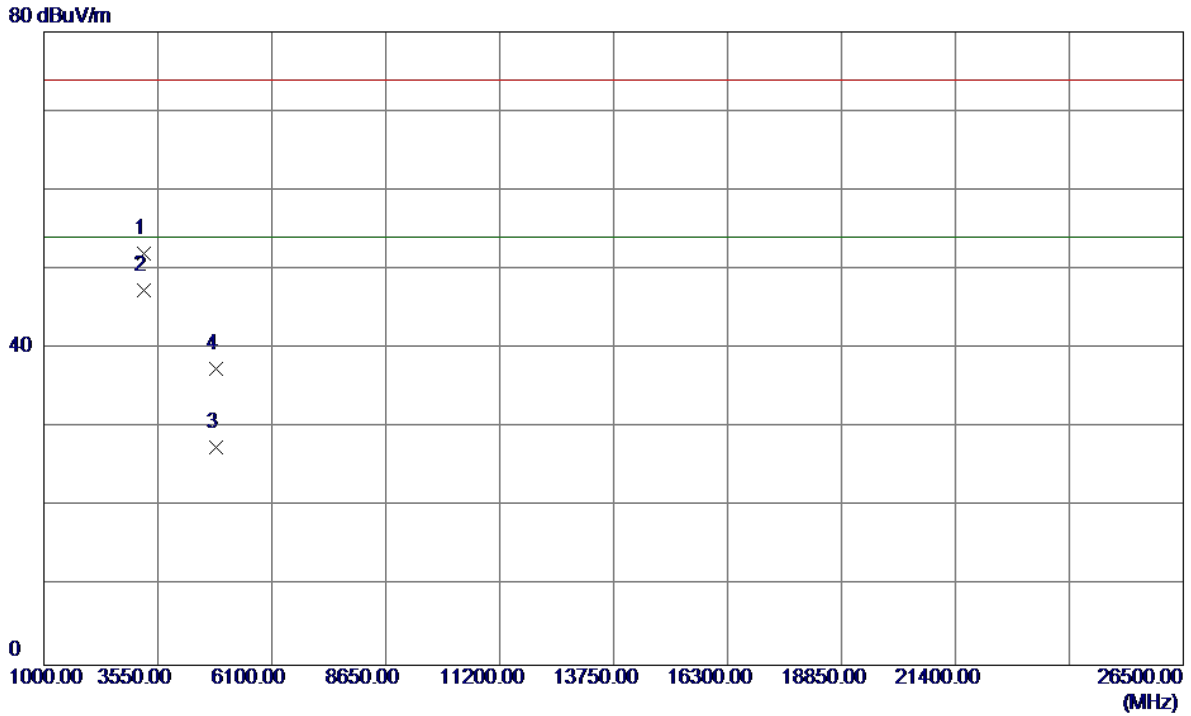
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	28.05	33.88	61.93	74.00	-12.07	Peak	
2	2390.0000	17.87	33.88	51.75	54.00	-2.25	AVG	
3	2426.6000	71.61	34.09	105.70	74.00	31.70	Peak	No Limit
4 *	2427.4000	59.36	34.09	93.45	54.00	39.45	AVG	No Limit

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

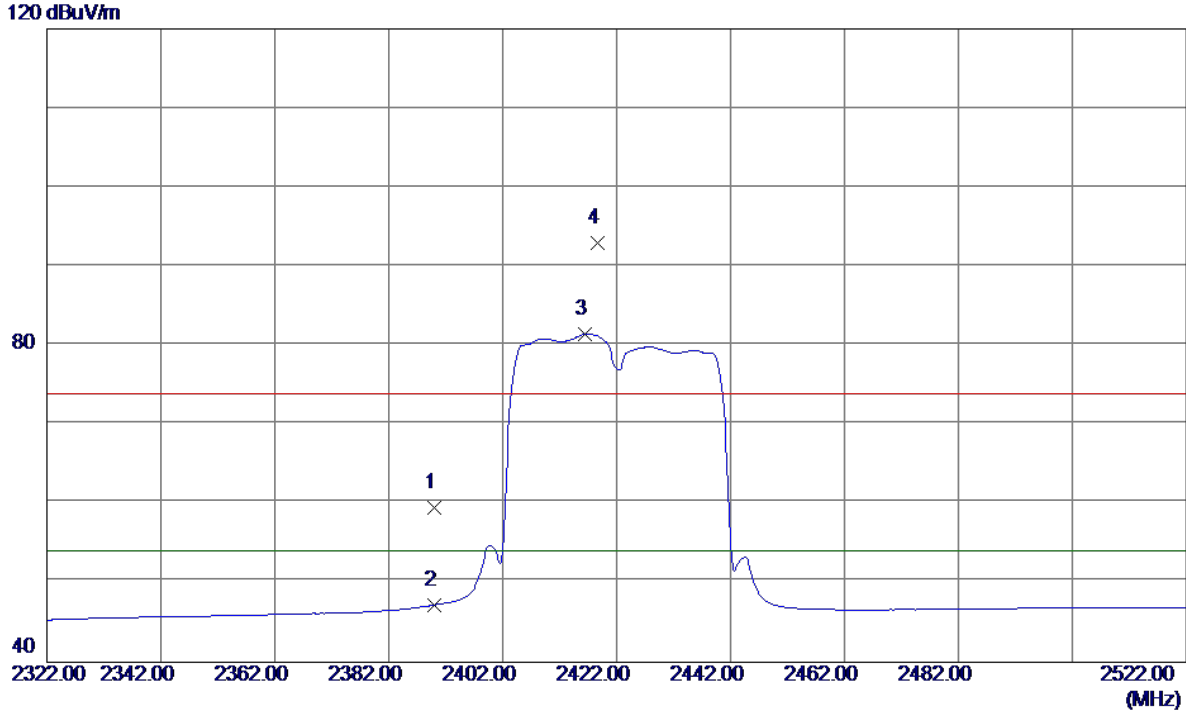
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3229.2470	49.65	2.33	51.98	74.00	-22.02	Peak	
2 *	3229.2649	44.99	2.33	47.32	54.00	-6.68	AVG	
3	4841.8950	21.96	5.54	27.50	54.00	-26.50	AVG	
4	4844.1500	31.87	5.55	37.42	74.00	-36.58	Peak	

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

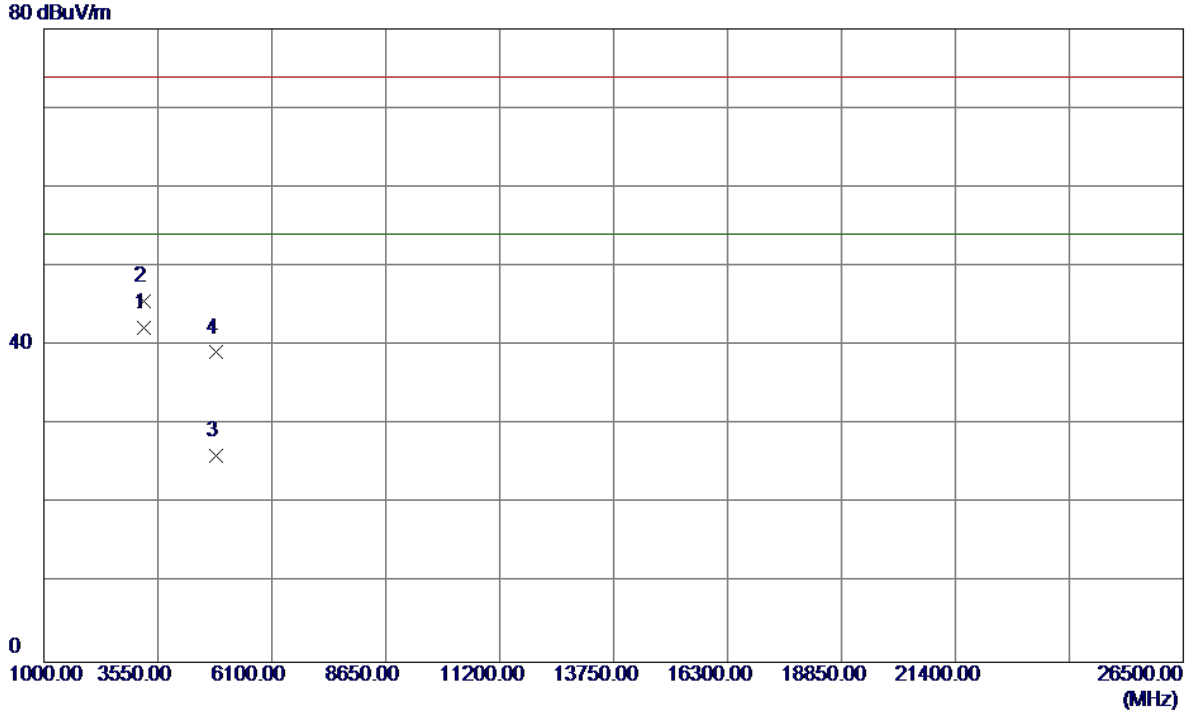
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	25.64	33.88	59.52	74.00	-14.48	Peak	
2	2390.0000	13.34	33.88	47.22	54.00	-6.78	AVG	
3 *	2416.4000	47.39	34.03	81.42	54.00	27.42	AVG	No Limit
4	2418.6000	58.95	34.04	92.99	74.00	18.99	Peak	No Limit

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

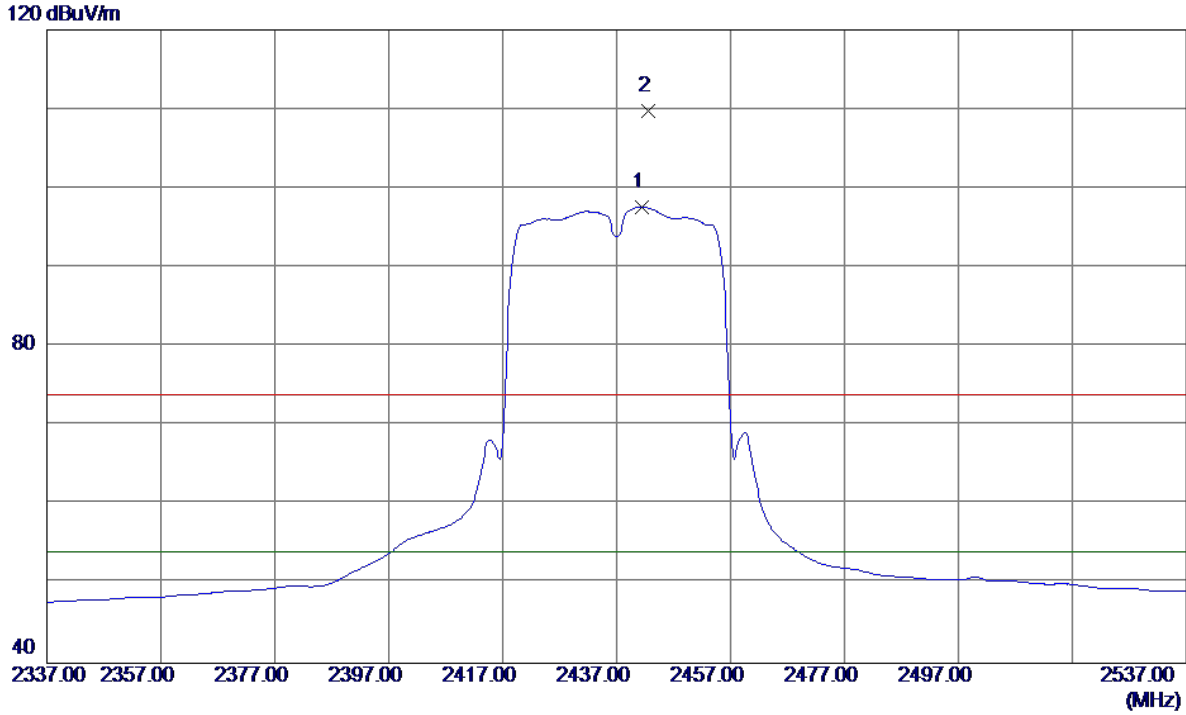
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3229.2900	39.90	2.33	42.23	54.00	-11.77	AVG	
2	3229.4180	43.20	2.33	45.53	74.00	-28.47	Peak	
3	4844.0170	20.59	5.55	26.14	54.00	-27.86	AVG	
4	4845.2400	33.56	5.56	39.12	74.00	-34.88	Peak	

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

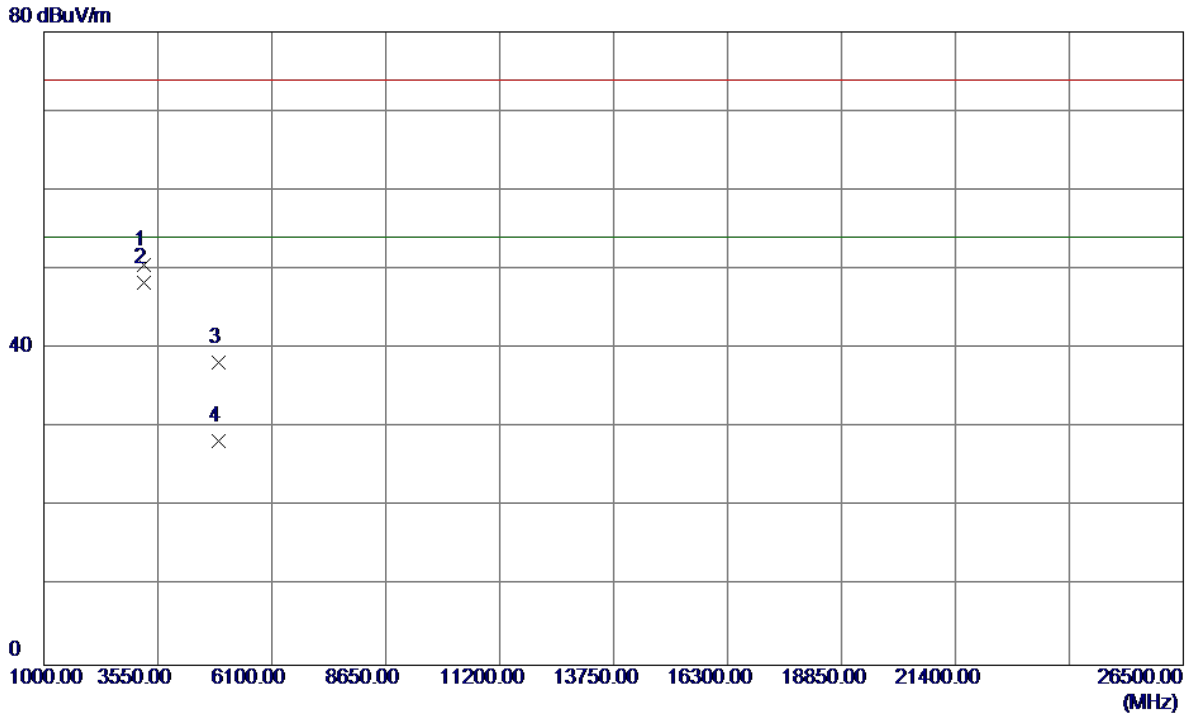
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2441.4000	63.48	34.17	97.65	54.00	43.65	AVG	No Limit
2	2442.6000	75.51	34.18	109.69	74.00	35.69	Peak	No Limit

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

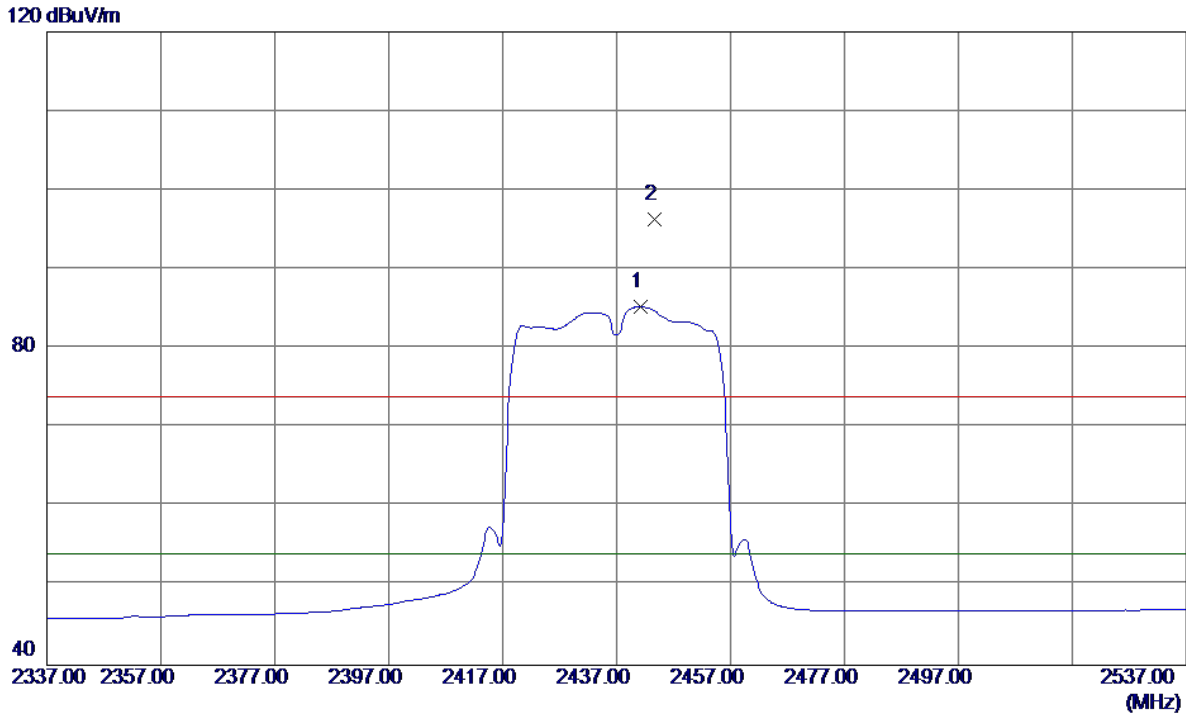
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3249.3250	48.25	2.33	50.58	74.00	-23.42	Peak	
2 *	3249.3250	46.05	2.33	48.38	54.00	-5.62	AVG	
3	4901.1500	32.46	5.83	38.29	74.00	-35.71	Peak	
4	4902.7000	22.55	5.84	28.39	54.00	-25.61	AVG	

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

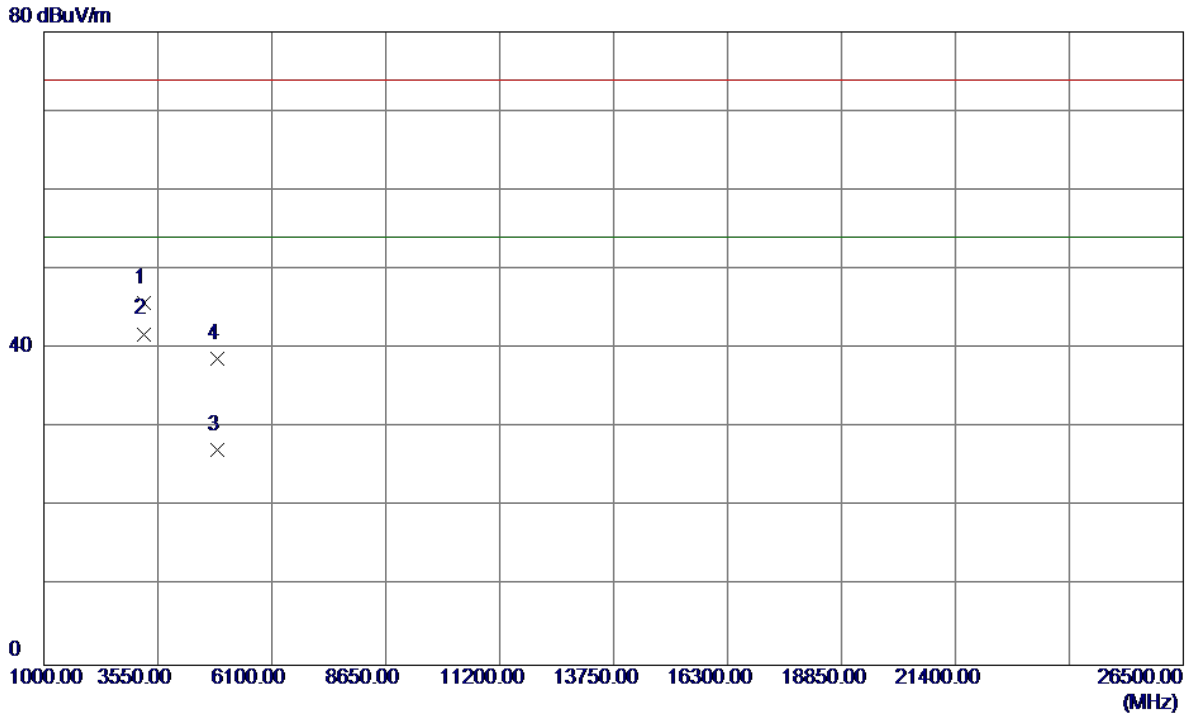
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2441.2000	51.15	34.17	85.32	54.00	31.32	AVG	No Limit
2	2443.6000	62.11	34.19	96.30	74.00	22.30	Peak	No Limit

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

Horizontal

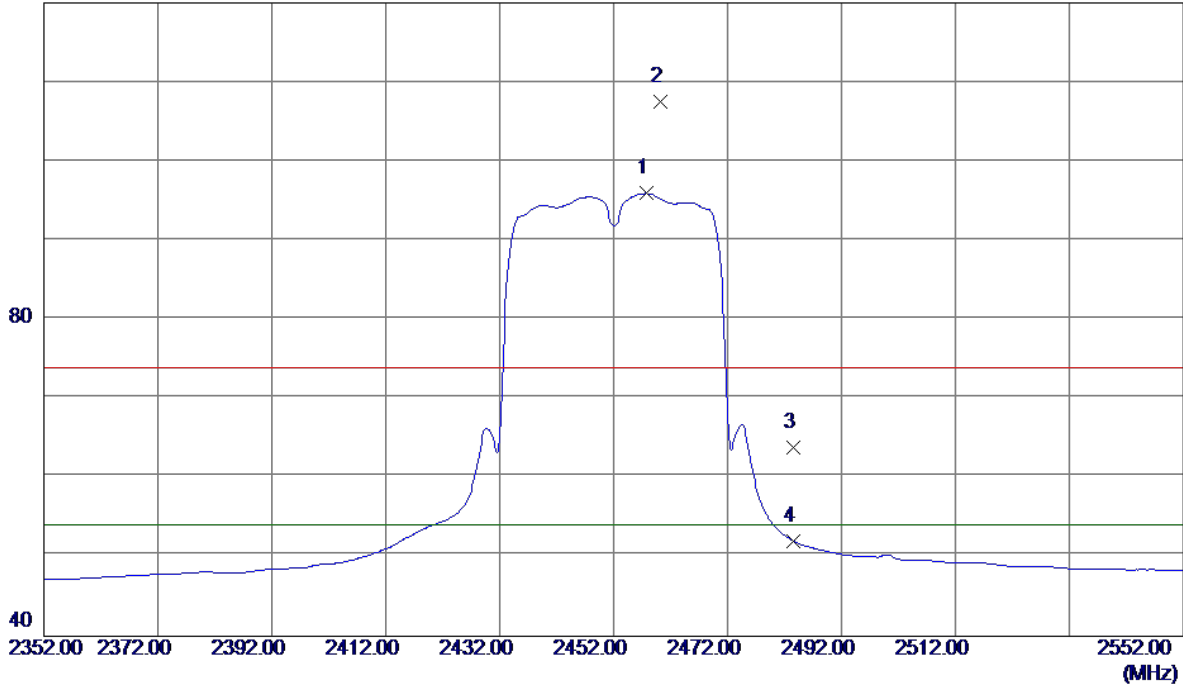


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3249.2800	43.47	2.33	45.80	74.00	-28.20	Peak	
2 *	3249.3350	39.51	2.33	41.84	54.00	-12.16	AVG	
3	4874.5920	21.55	5.70	27.25	54.00	-26.75	AVG	
4	4875.0600	32.97	5.70	38.67	74.00	-35.33	Peak	

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

Vertical

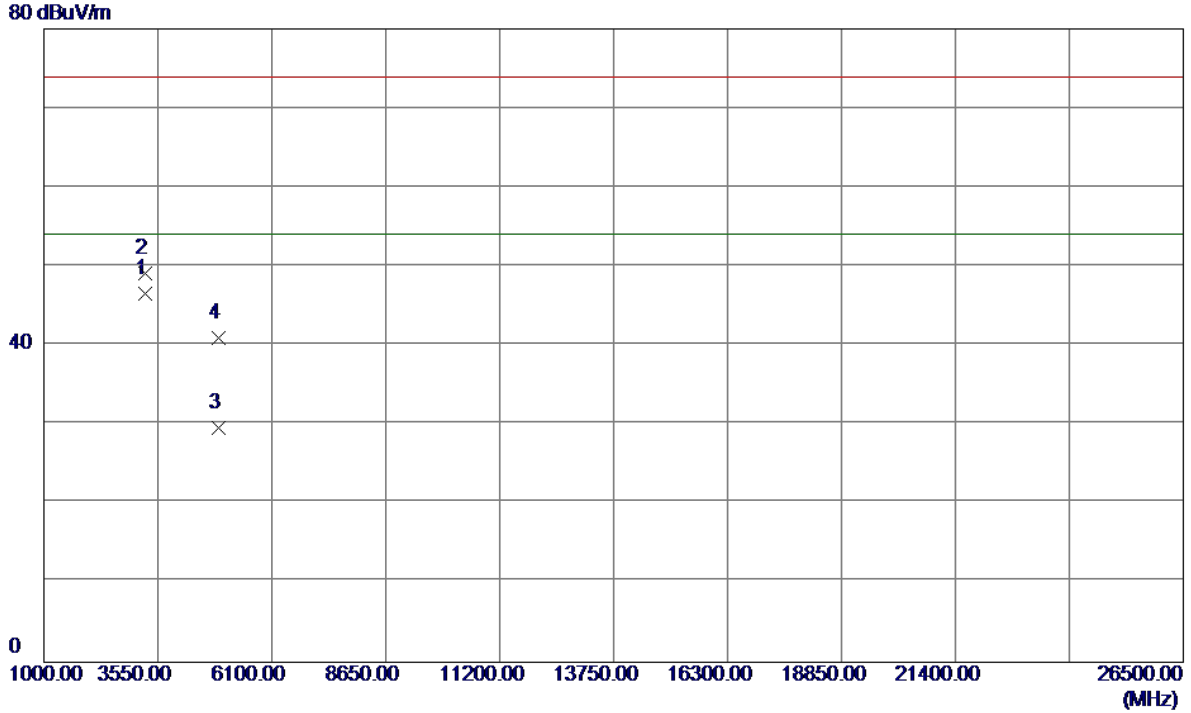
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2457.8000	61.66	34.27	95.93	54.00	41.93	AVG	No Limit
2	2460.2000	73.26	34.28	107.54	74.00	33.54	Peak	No Limit
3	2483.5000	29.48	34.41	63.89	74.00	-10.11	Peak	
4	2483.5000	17.57	34.41	51.98	54.00	-2.02	AVG	

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

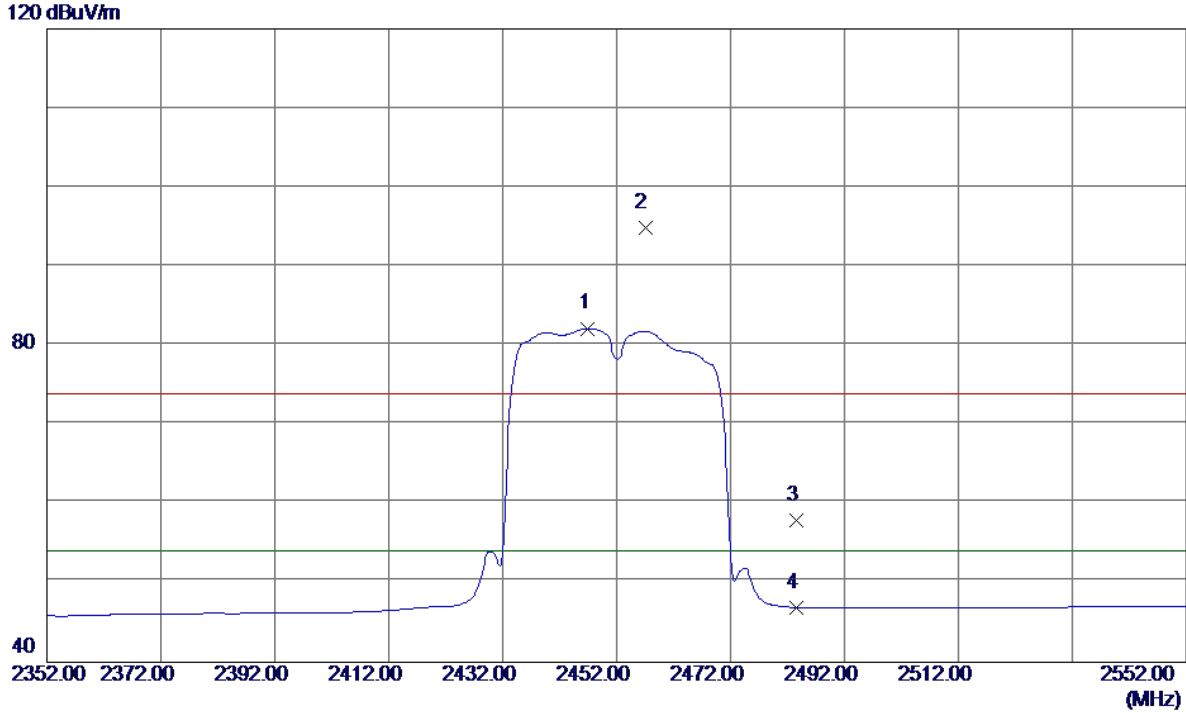
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3269.3130	44.20	2.32	46.52	54.00	-7.48	AVG	
2	3269.3400	46.75	2.32	49.07	74.00	-24.93	Peak	
3	4904.0400	23.76	5.84	29.60	54.00	-24.40	AVG	
4	4904.2850	35.14	5.84	40.98	74.00	-33.02	Peak	

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

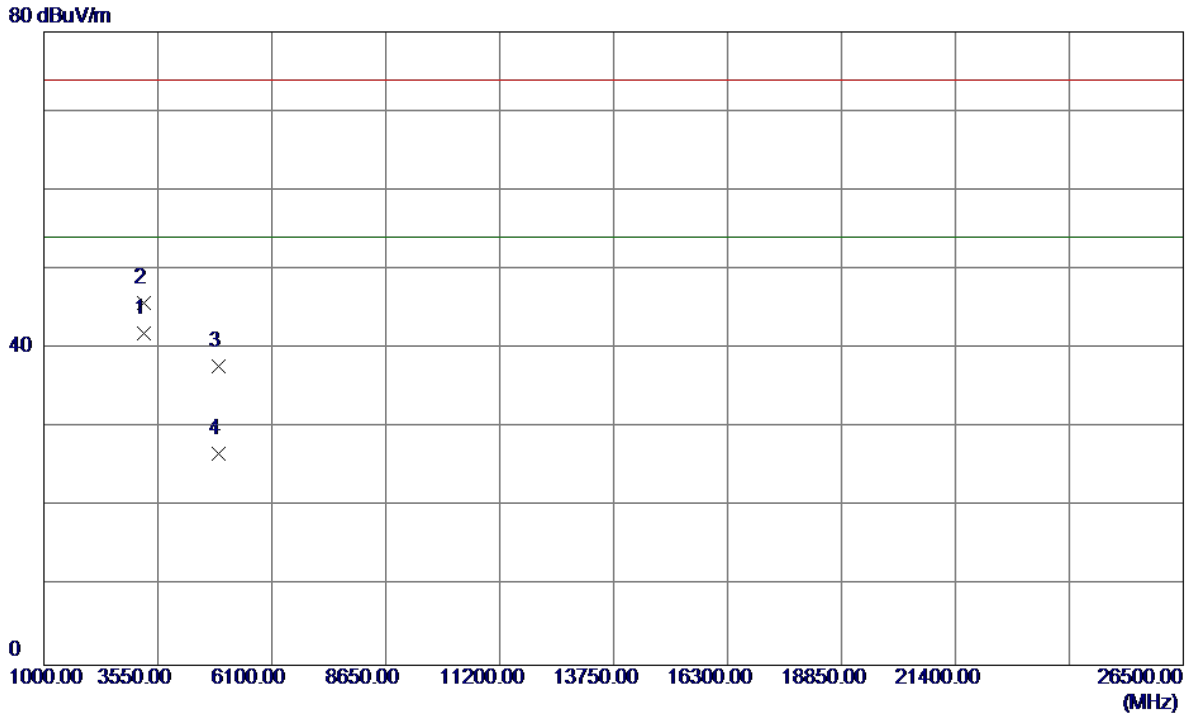
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2447.0000	47.96	34.20	82.16	54.00	28.16	AVG	No Limit
2	2457.0000	60.63	34.26	94.89	74.00	20.89	Peak	No Limit
3	2483.5000	23.49	34.41	57.90	74.00	-16.10	Peak	
4	2483.5000	12.50	34.41	46.91	54.00	-7.09	AVG	

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

Horizontal

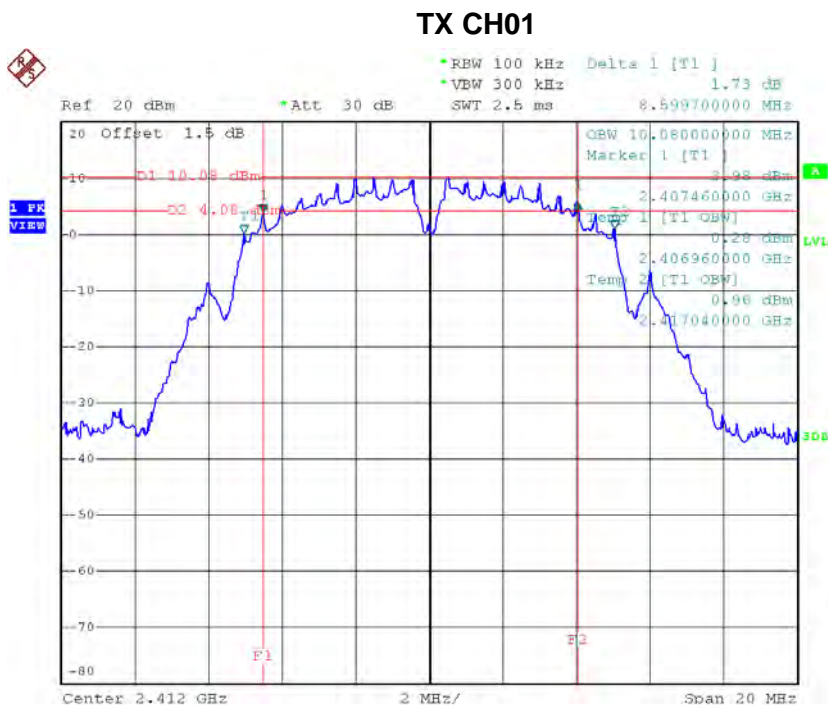


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3229.3270	39.66	2.33	41.99	54.00	-12.01	AVG	
2	3229.3720	43.41	2.33	45.74	74.00	-28.26	Peak	
3	4902.6850	31.90	5.84	37.74	74.00	-36.26	Peak	
4	4903.8769	20.82	5.84	26.66	54.00	-27.34	AVG	

ATTACHMENT E - BANDWIDTH

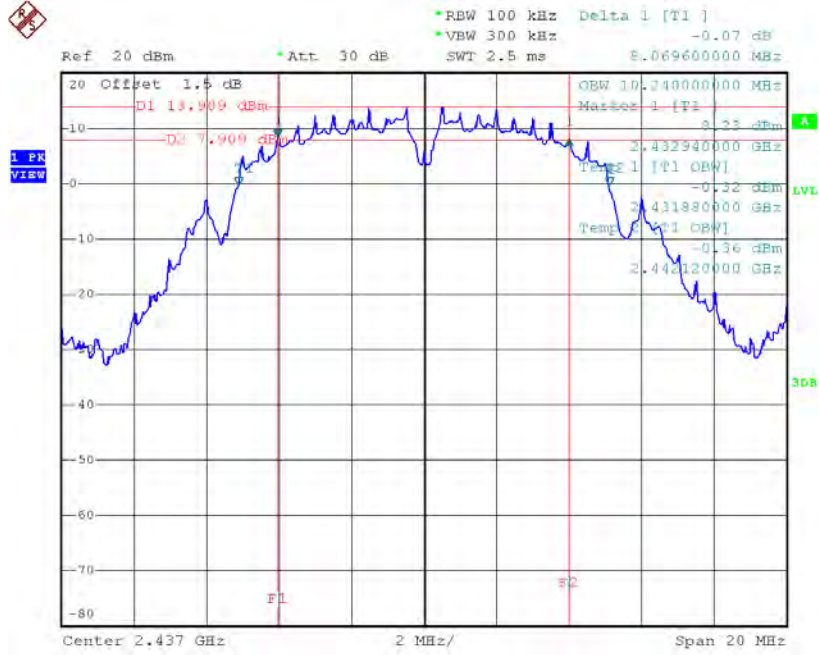
Test Mode : TX B Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	8.60	10.08	500	Complies
2437	8.07	10.24	500	Complies
2462	8.10	10.08	500	Complies



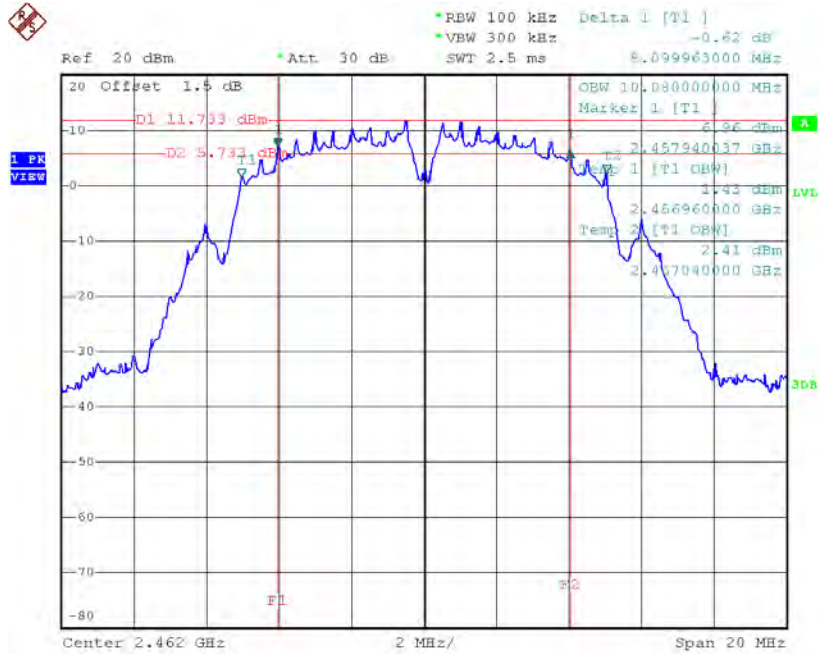
Date: 19.SEP.2016 11:09:04

TX CH06



Date: 19.SEP.2016 11:11:31

TX CH11

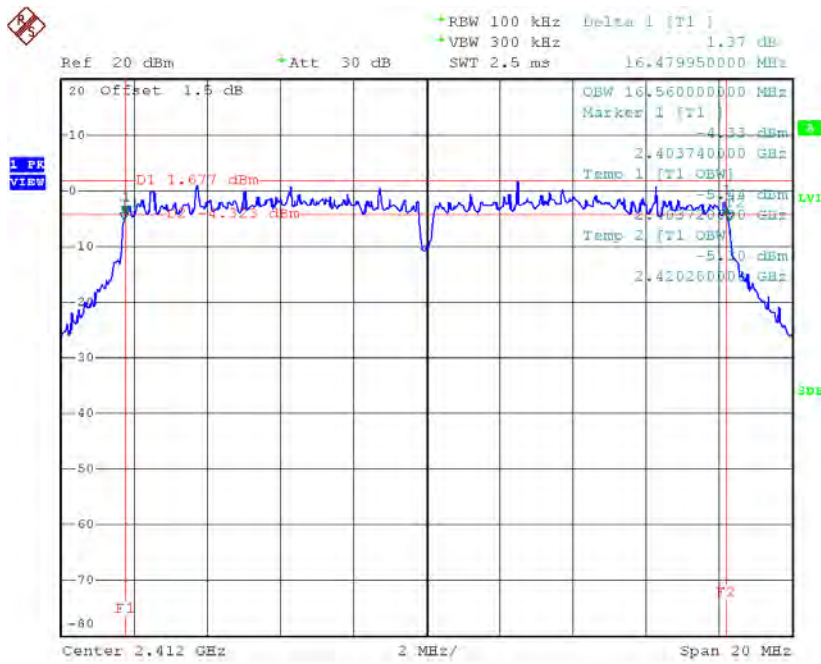


Date: 19.SEP.2016 11:13:54

Test Mode: TX G Mode_CH01/06/11

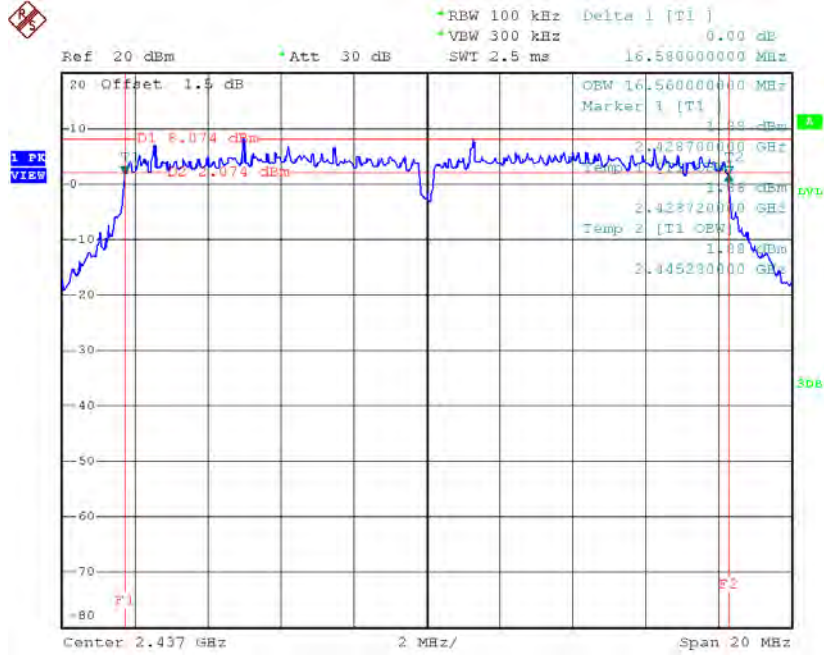
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.48	16.56	500	Complies
2437	16.58	16.56	500	Complies
2462	16.49	16.56	500	Complies

TX CH01



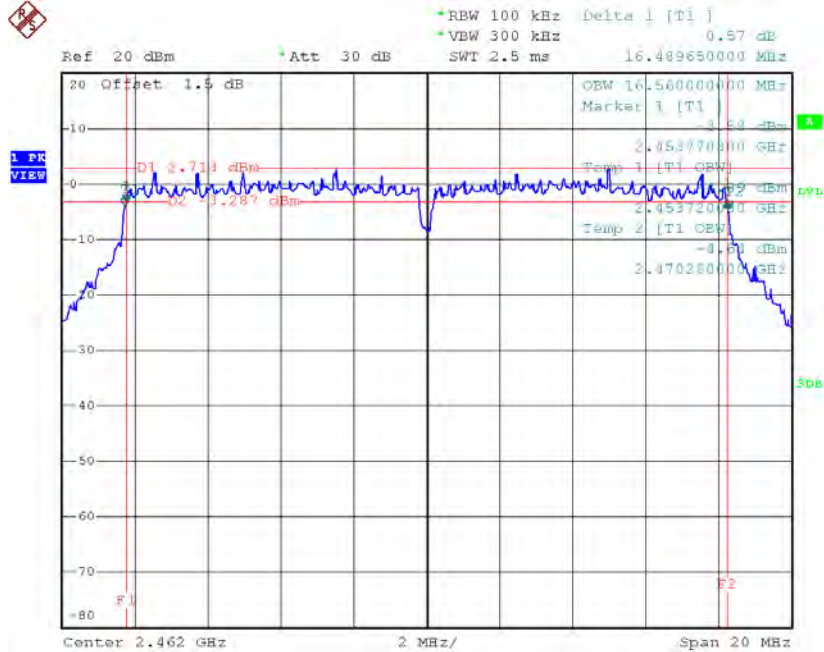
Date: 19.SEP.2016 11:15:36

TX CH06



Date: 19.SEP.2016 11:17:12

TX CH11

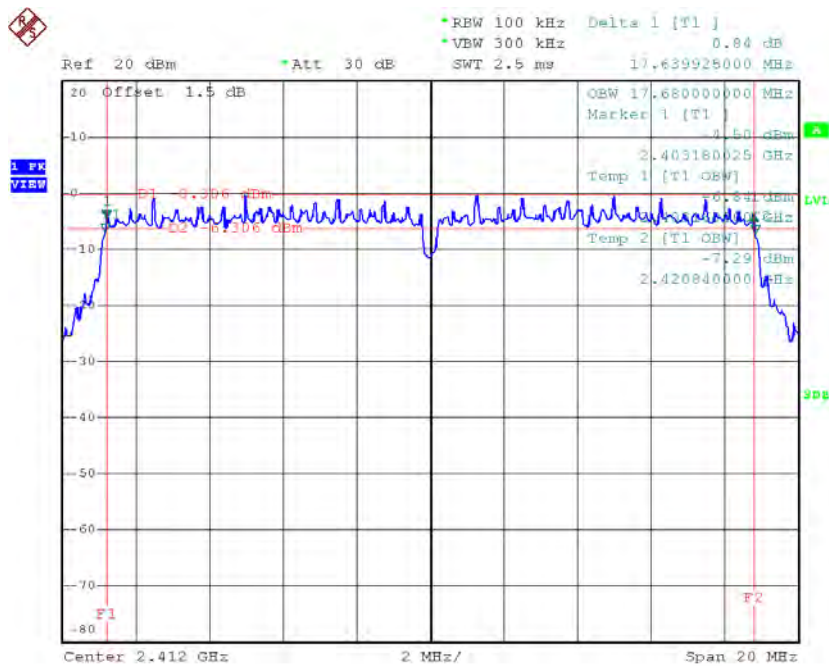


Date: 19.SEP.2016 11:18:36

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

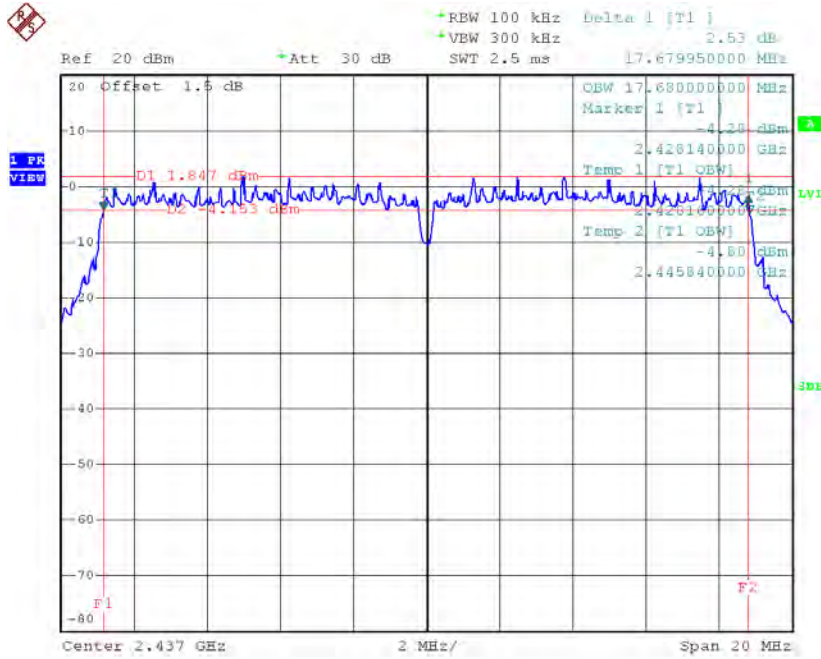
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.64	17.68	500	Complies
2437	17.68	17.68	500	Complies
2462	17.72	17.68	500	Complies

TX CH01



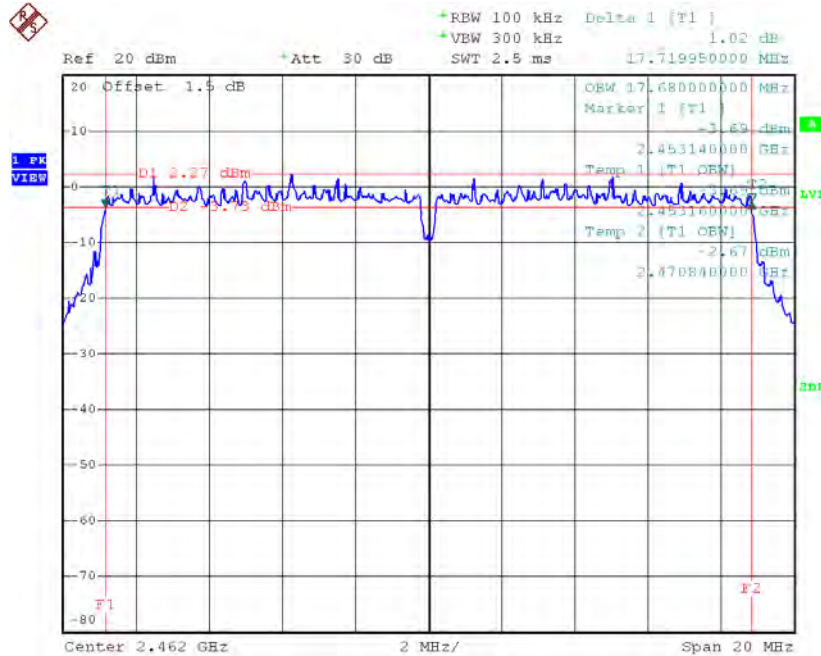
Date: 19.SEP.2016 11:21:33

TX CH06



Date: 19.SEP.2016 11:23:07

TX CH11

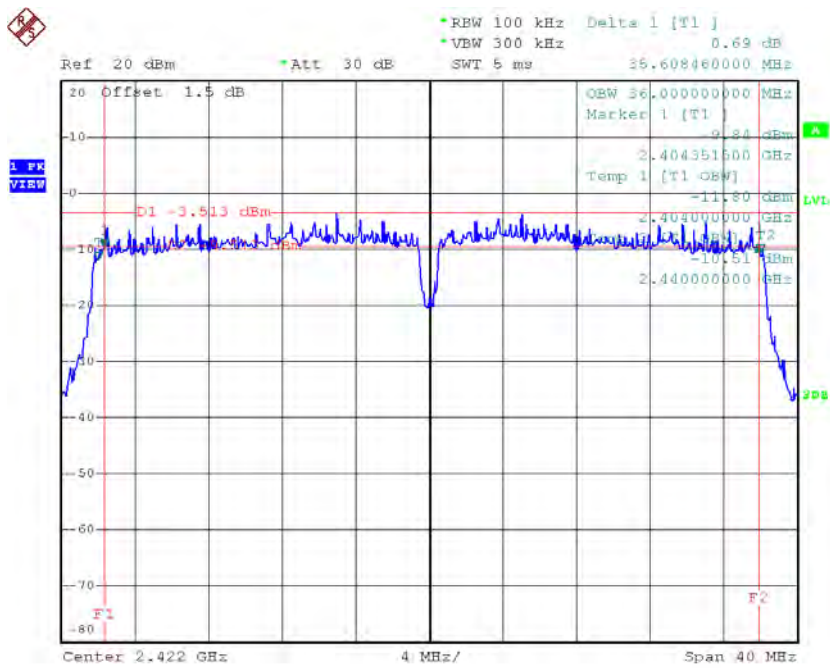


Date: 19.SEP.2016 11:24:19

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

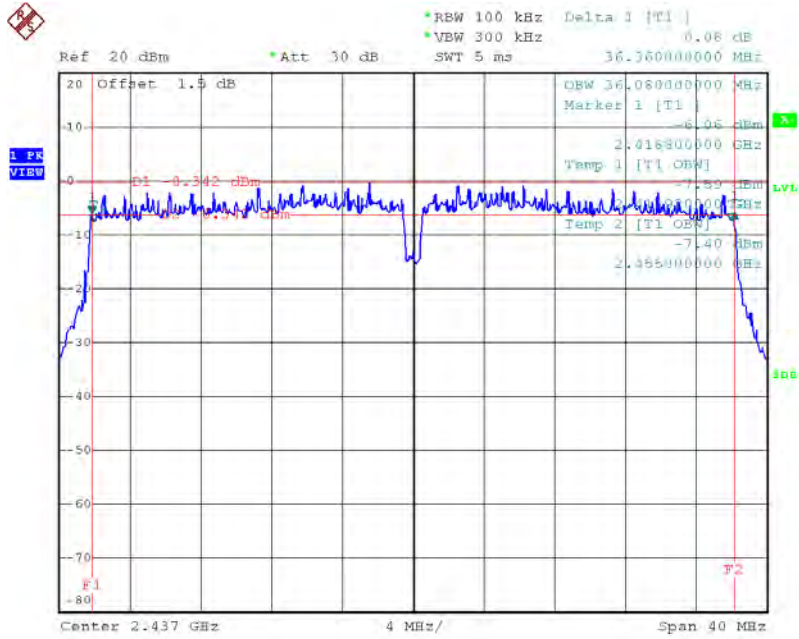
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.61	36.00	500	Complies
2437	36.36	36.08	500	Complies
2452	35.80	36.00	500	Complies

TX CH03



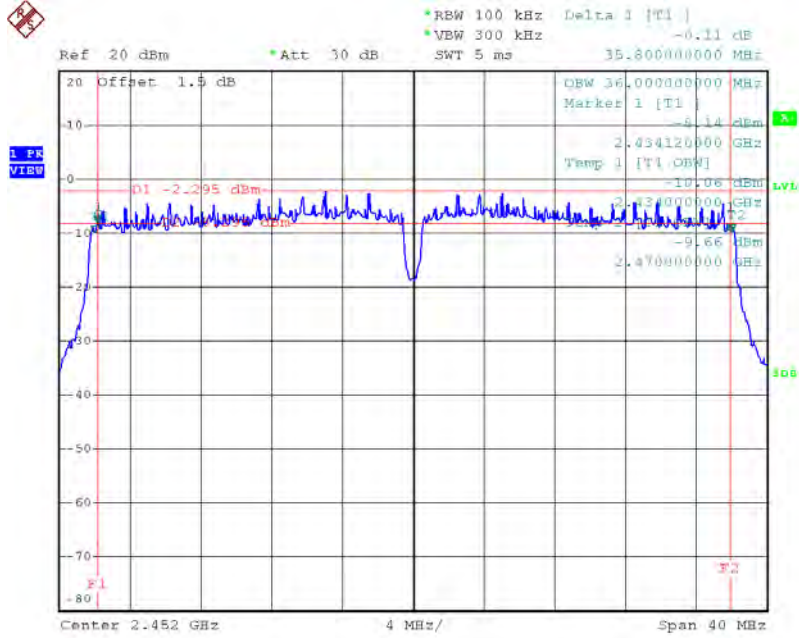
Date: 19.SEP.2016 11:30:30

TX CH06



Date: 19.SEP.2016 11:34:22

TX CH09



Date: 19.SEP.2016 11:36:19

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	25.74	0.37	30.00	1.00	Complies
2437	27.94	0.62	30.00	1.00	Complies
2462	25.91	0.39	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	25.23	0.33	30.00	1.00	Complies
2437	28.71	0.74	30.00	1.00	Complies
2462	26.01	0.40	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	25.73	0.37	30.00	1.00	Complies
2437	26.97	0.50	30.00	1.00	Complies
2462	26.82	0.48	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	25.42	0.35	30.00	1.00	Complies
2437	26.84	0.48	30.00	1.00	Complies
2462	26.75	0.47	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	28.59	0.72	30.00	1.00	Complies
2437	29.92	0.98	30.00	1.00	Complies
2462	29.80	0.95	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	21.89	0.15	30.00	1.00	Complies
2437	26.58	0.45	30.00	1.00	Complies
2452	24.28	0.27	30.00	1.00	Complies

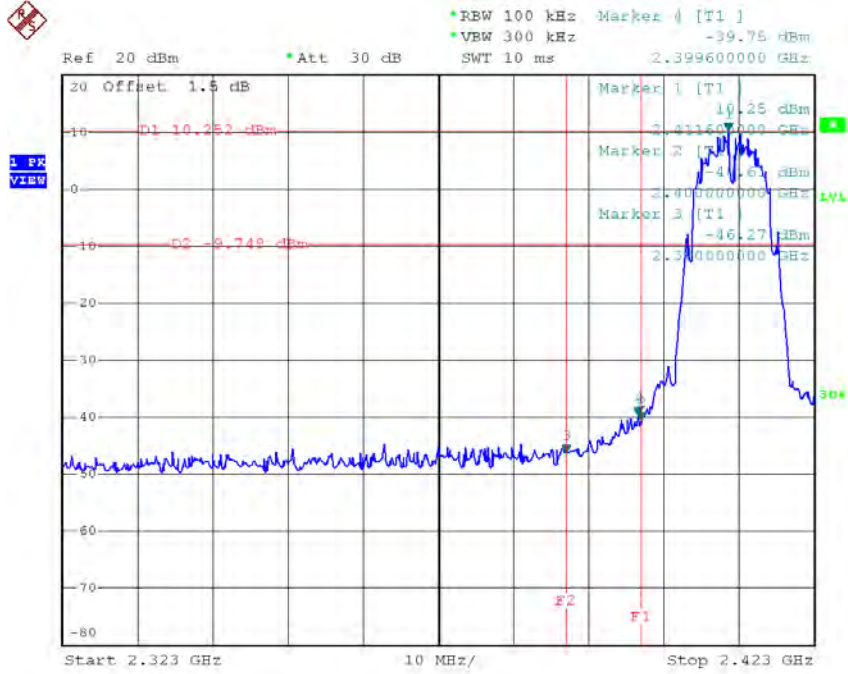
Test Mode :TX N40 Mode_CH03/06/09_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	21.78	0.15	30.00	1.00	Complies
2437	25.99	0.40	30.00	1.00	Complies
2452	23.07	0.20	30.00	1.00	Complies

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	24.85	0.31	30.00	1.00	Complies
2437	29.31	0.85	30.00	1.00	Complies
2452	26.73	0.47	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

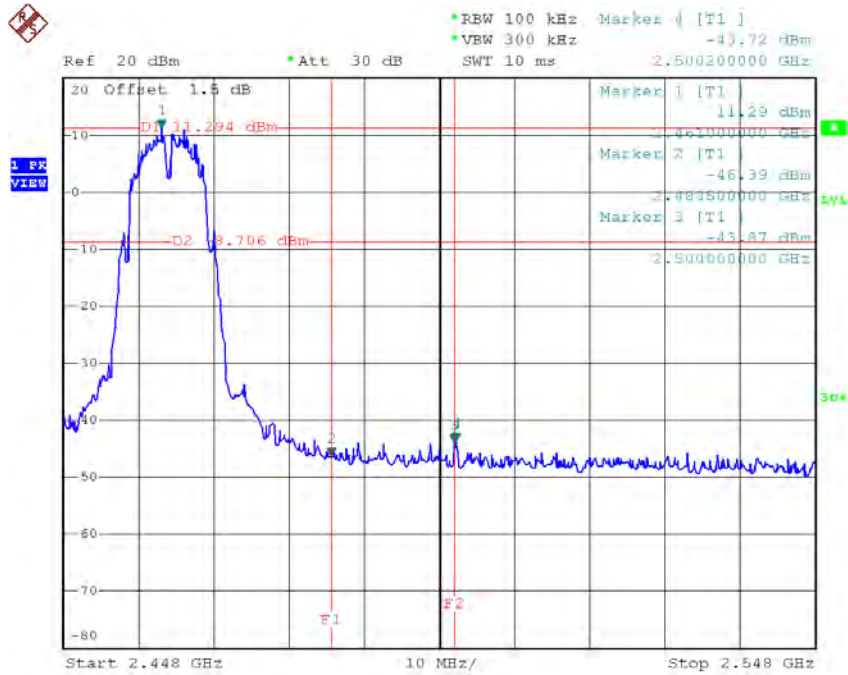
Test Mode : TX B Mode_ANT 1

TX B mode CH01



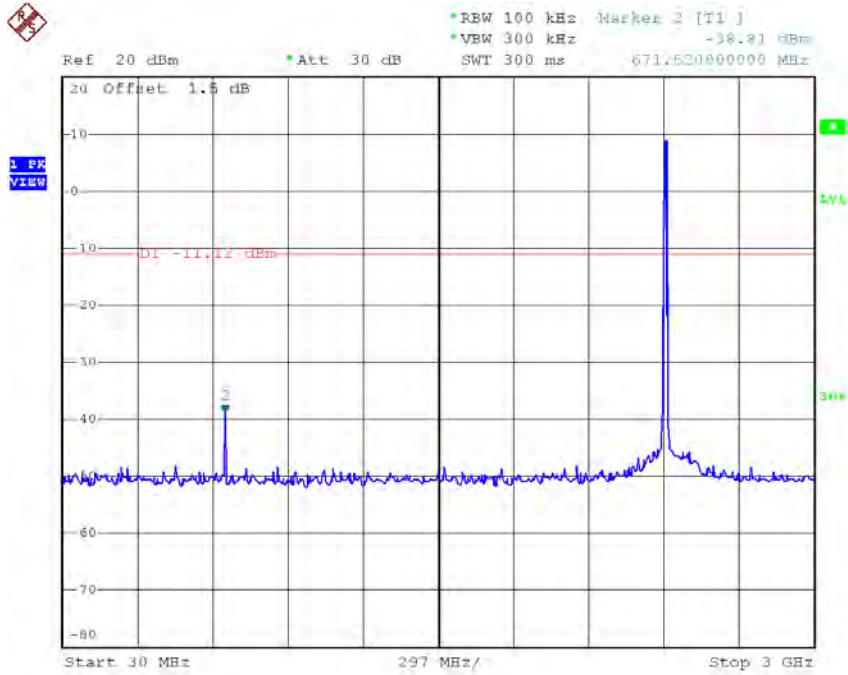
Date: 19.SEP.2016 11:09:45

TX B mode CH11

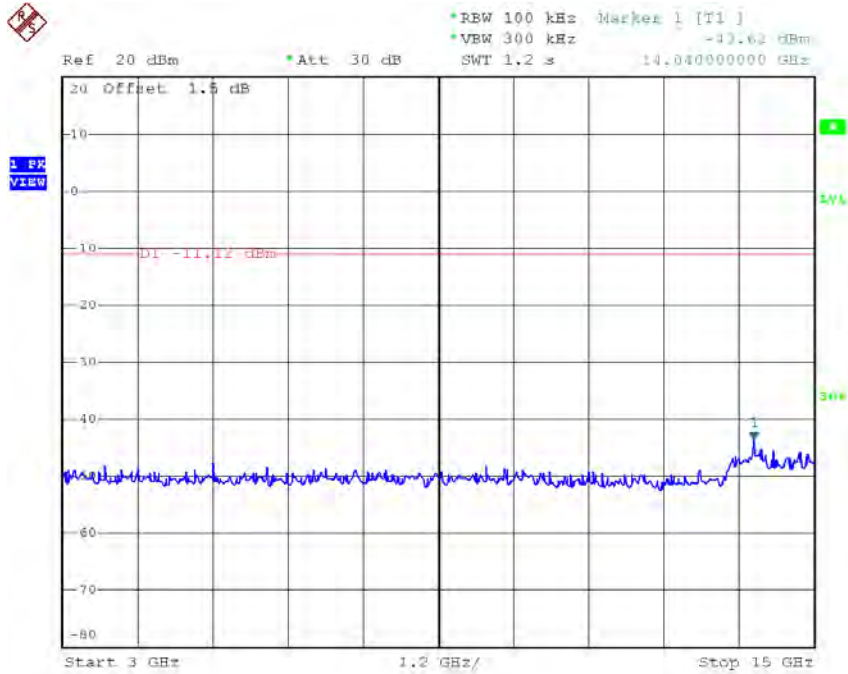


Date: 19.SEP.2016 11:14:36

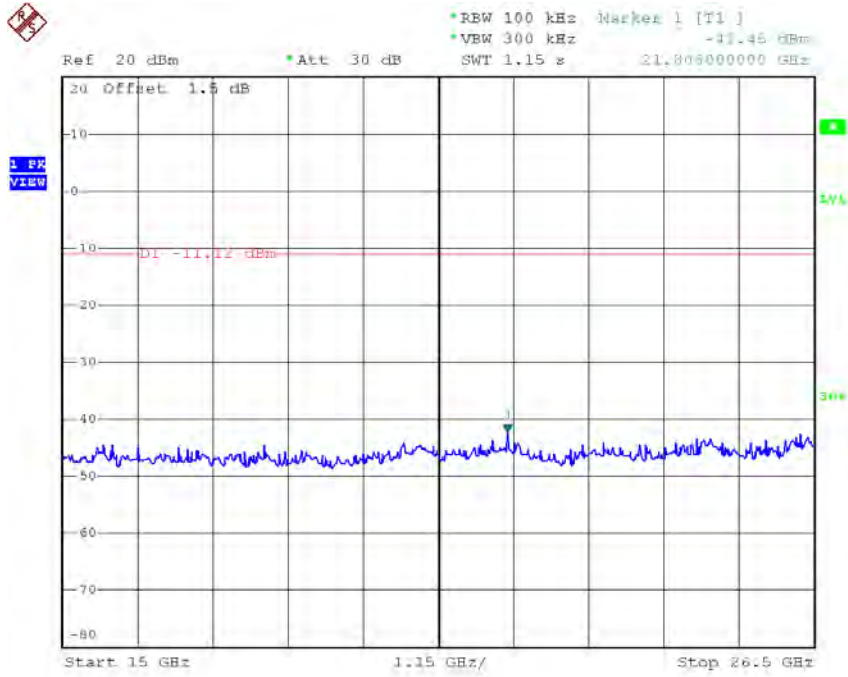
TX B mode CH01 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:09:18

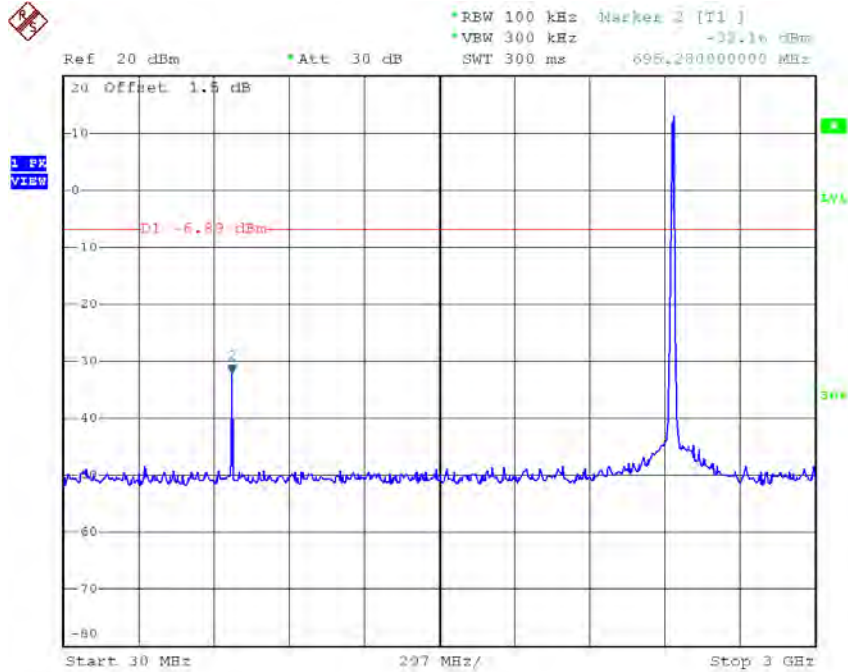


Date: 19.SEP.2016 11:09:27

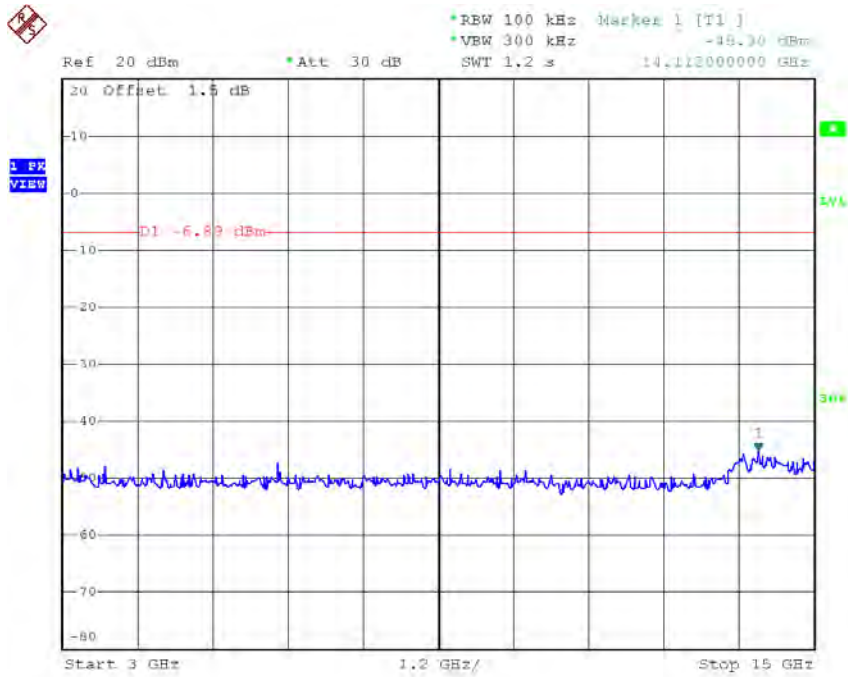


Date: 19.SEP.2016 11:09:36

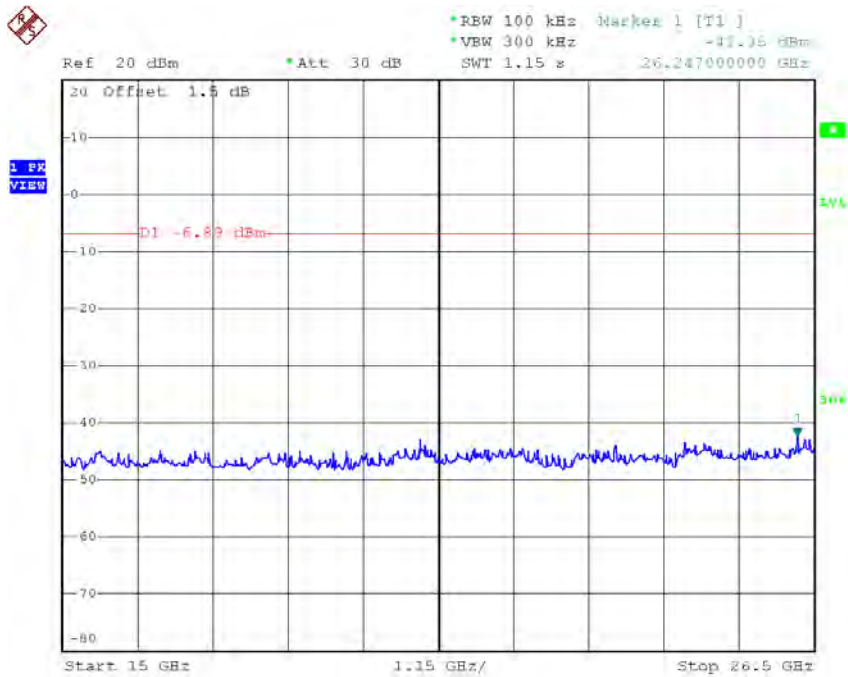
TX B mode CH06 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:11:46

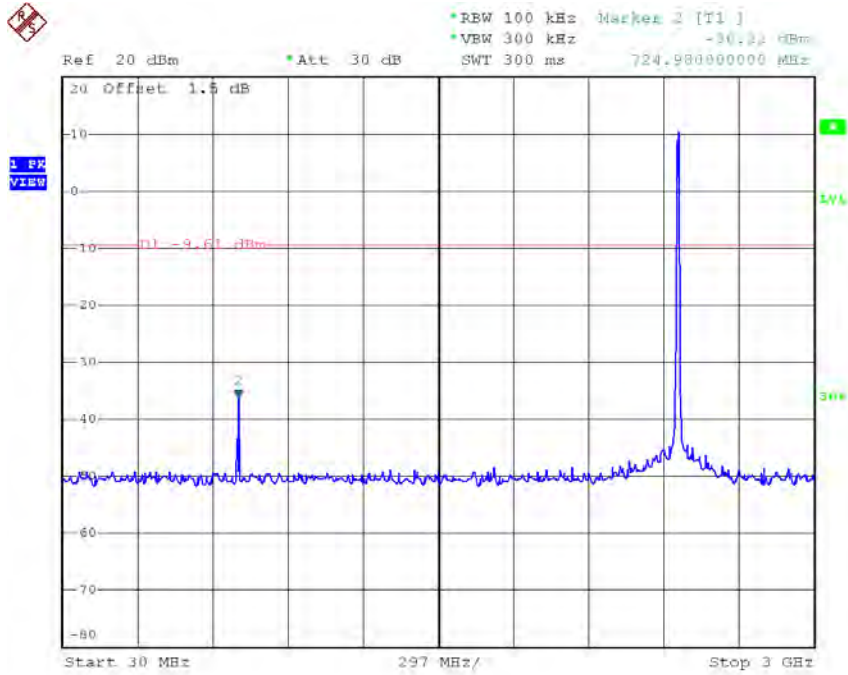


Date: 19.SEP.2016 11:11:55

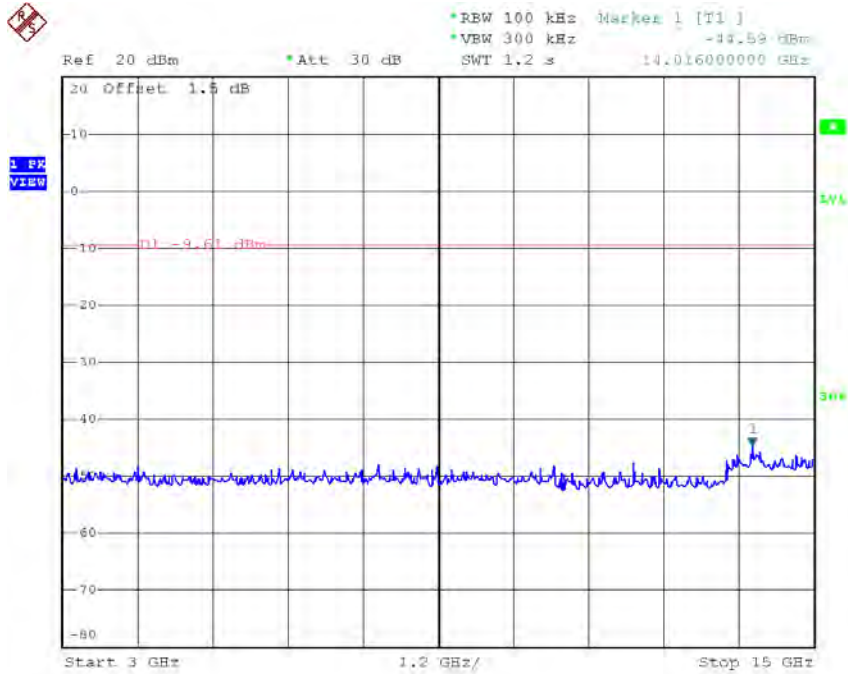


Date: 19.SEP.2016 11:12:04

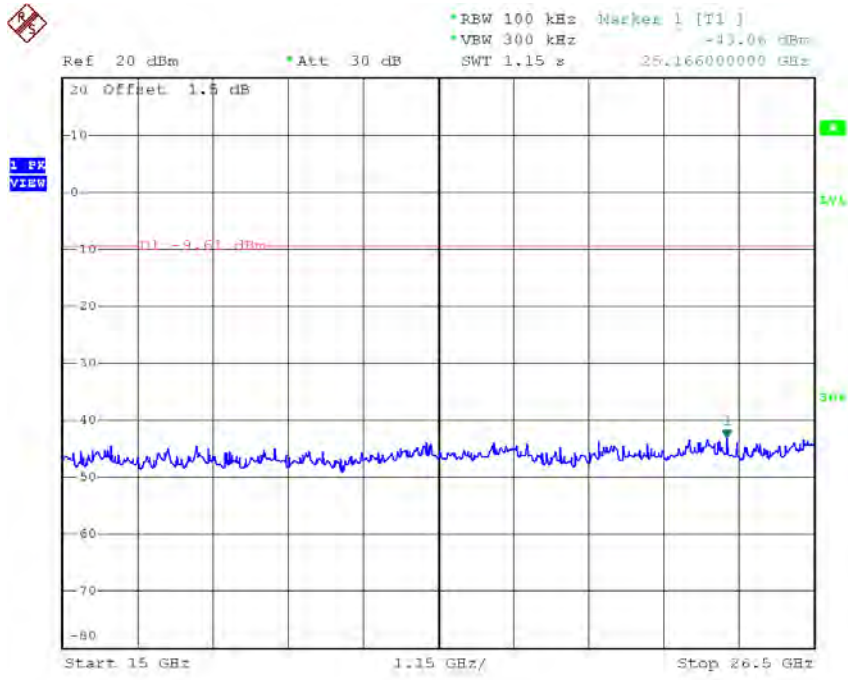
TX B mode CH11 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:14:09



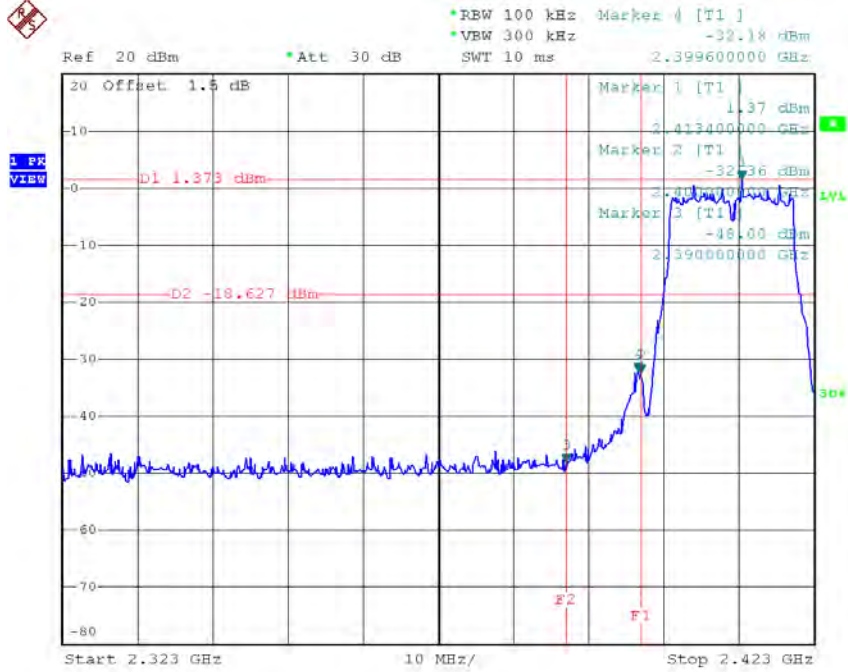
Date: 19.SEP.2016 11:14:18



Date: 19.SEP.2016 11:14:27

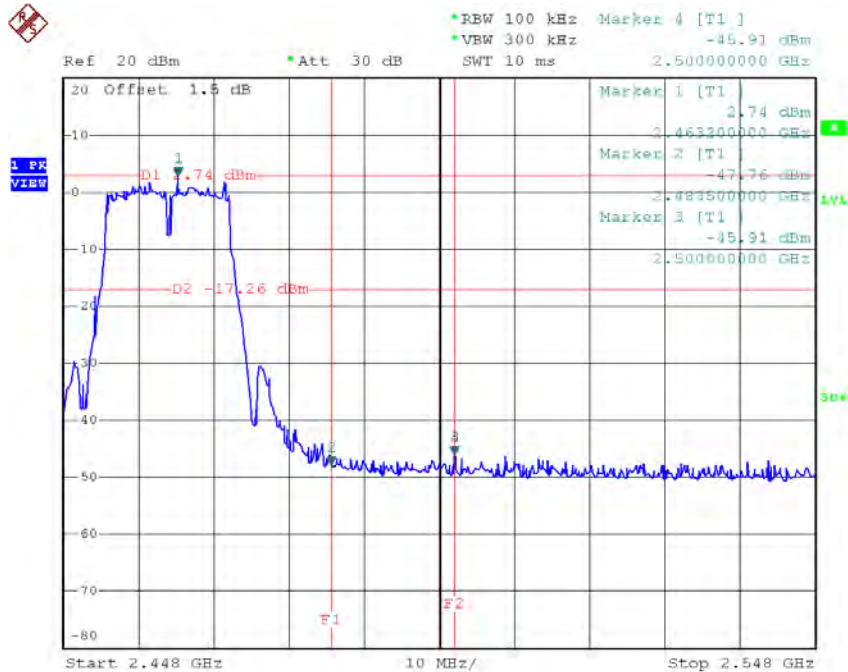
Test Mode : TX G Mode_ANT 1

TX G mode CH01



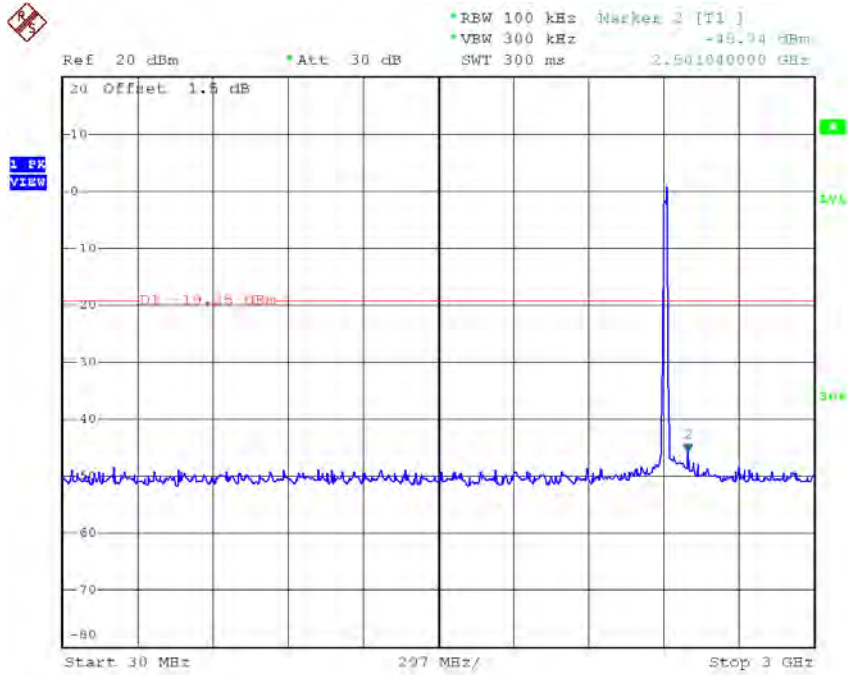
Date: 19.SEP.2016 11:16:18

TX G mode CH11

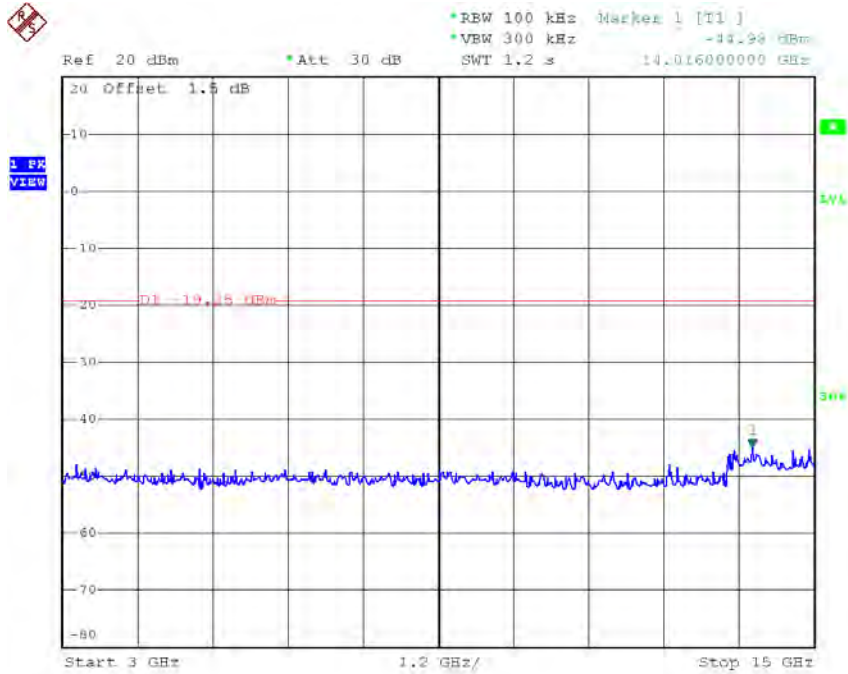


Date: 19.SEP.2016 11:19:17

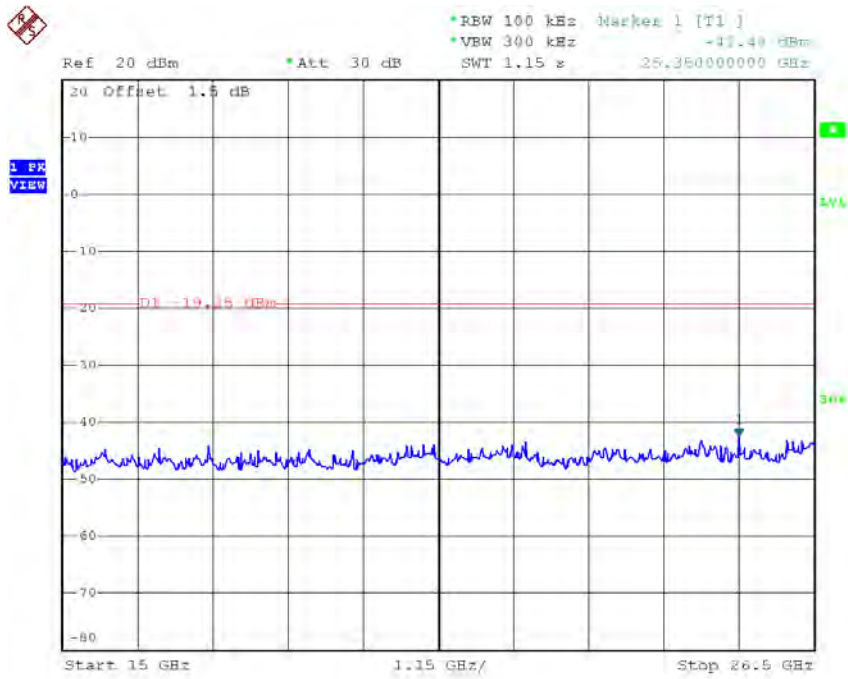
TX G mode CH01 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:15:51

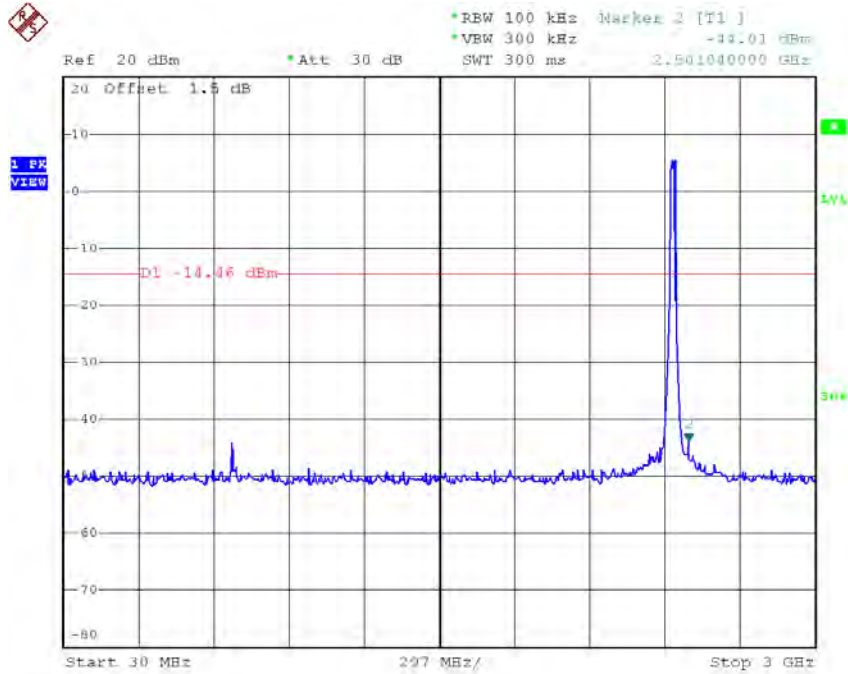


Date: 19.SEP.2016 11:16:00

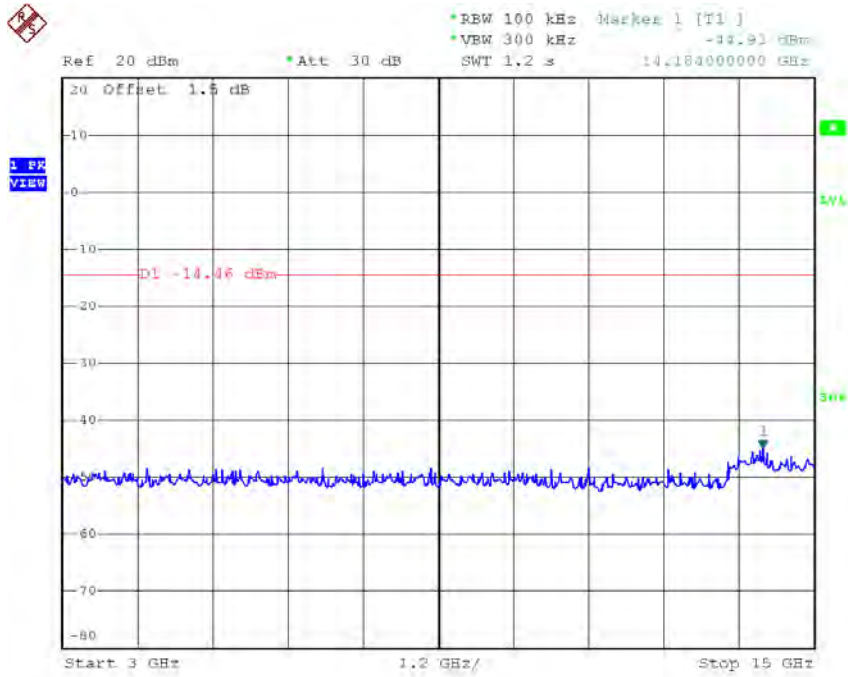


Date: 19.SEP.2016 11:16:09

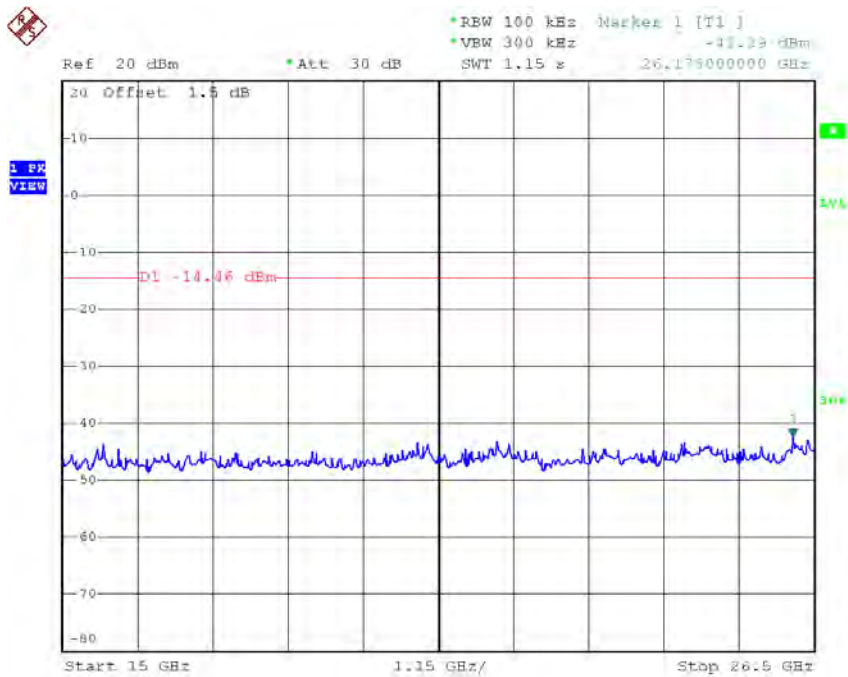
TX G mode CH06 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:17:27

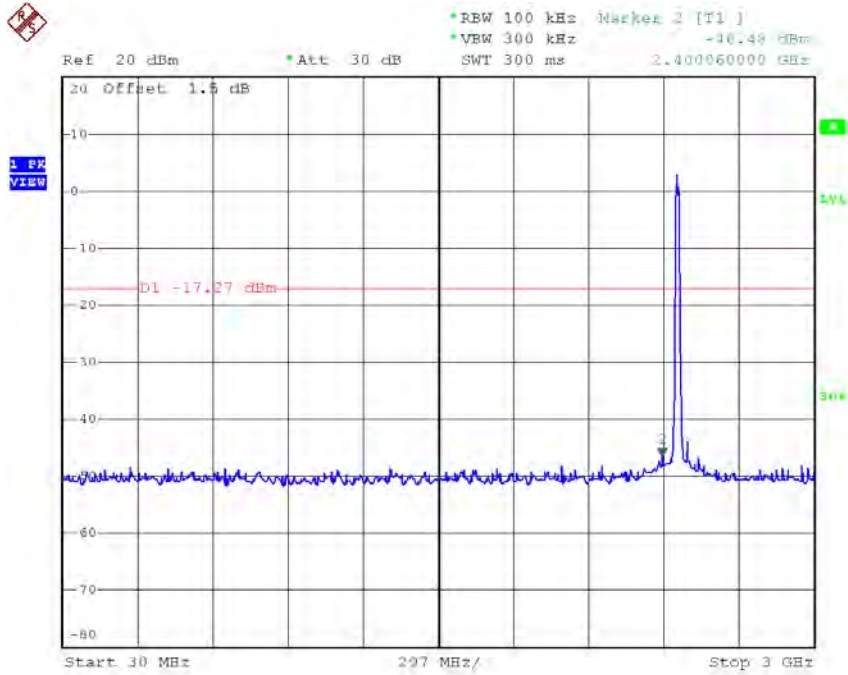


Date: 19.SEP.2016 11:17:36

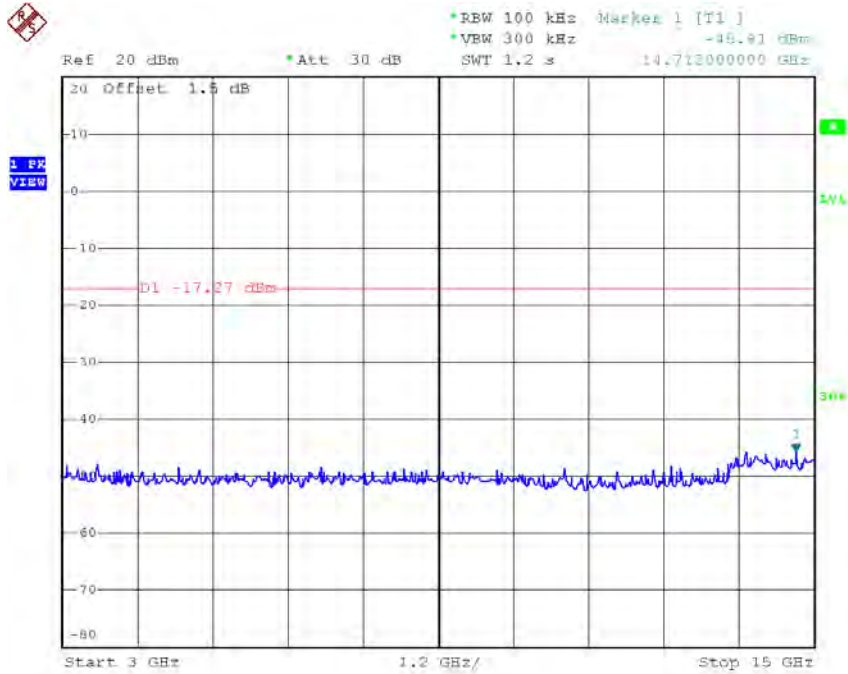


Date: 19.SEP.2016 11:17:45

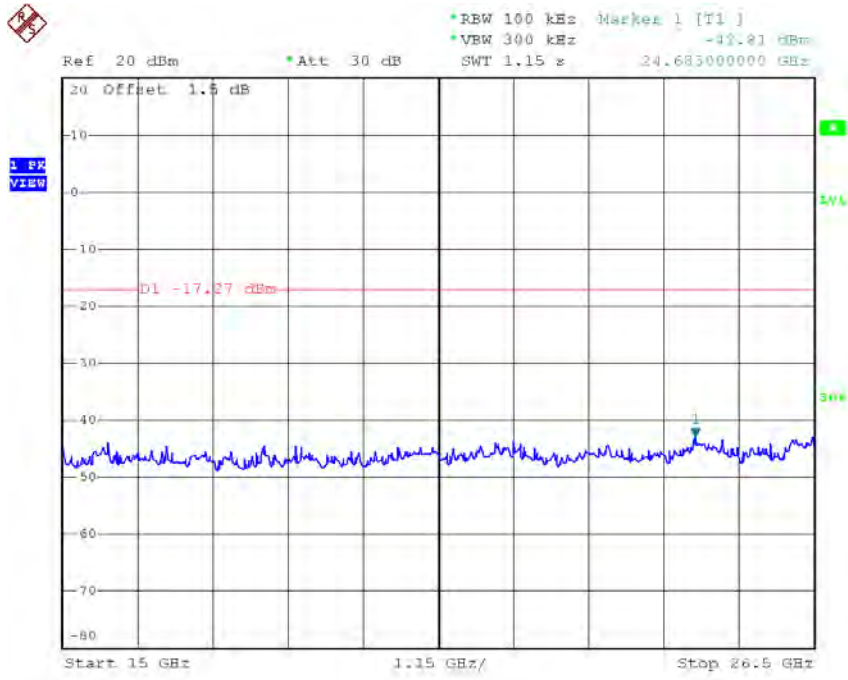
TX G mode CH11 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:18:50



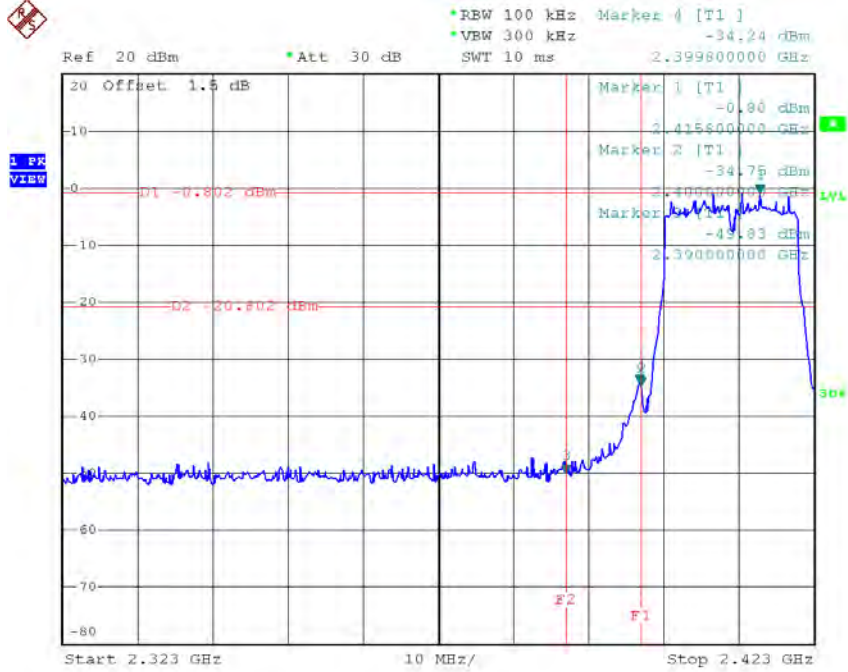
Date: 19.SEP.2016 11:19:00



Date: 19.SEP.2016 11:19:09

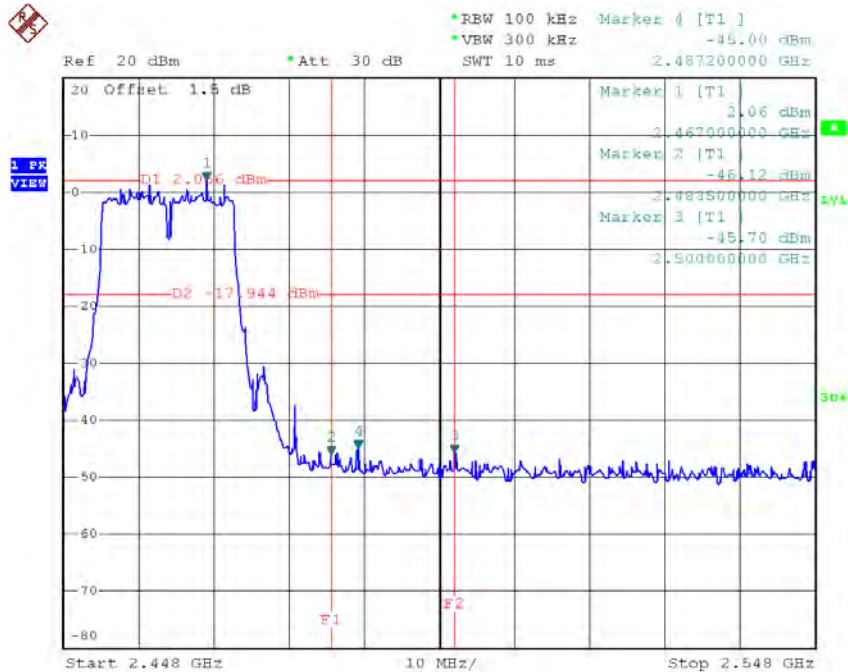
Test Mode : TX N-20M Mode_ANT 1

TX HT20 mode CH01



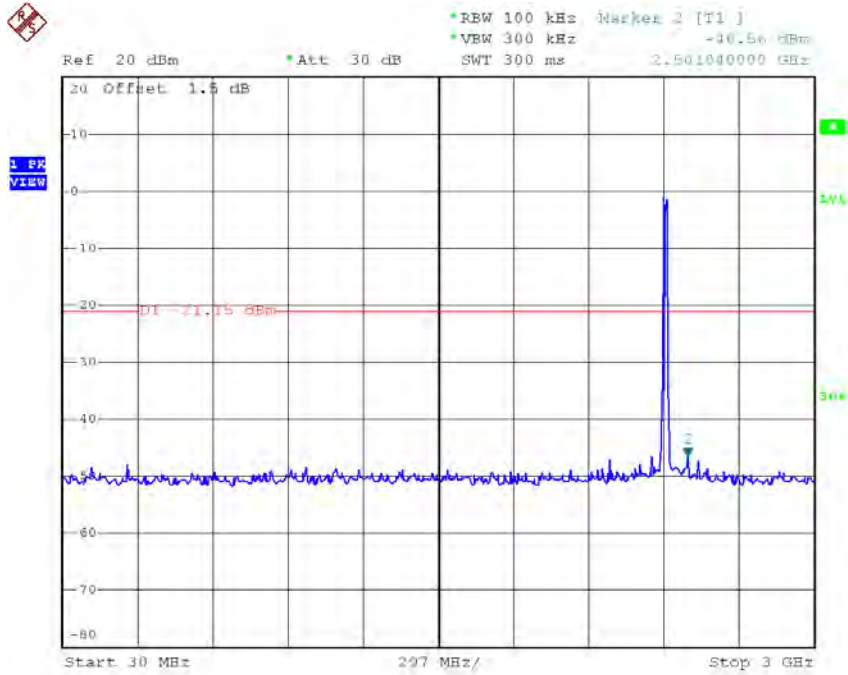
Date: 19.SEP.2016 11:22:13

TX HT20 mode CH11

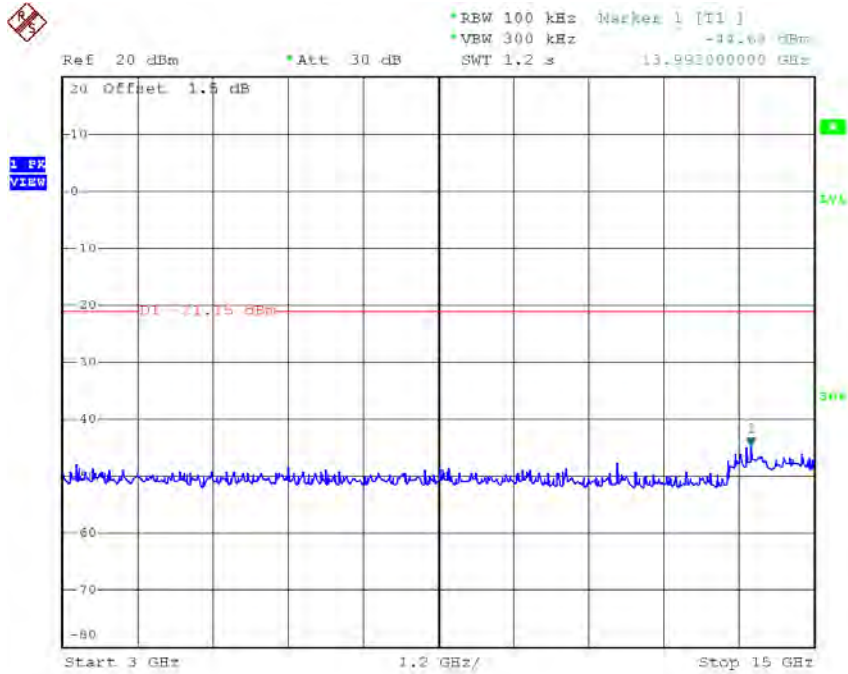


Date: 19.SEP.2016 11:25:00

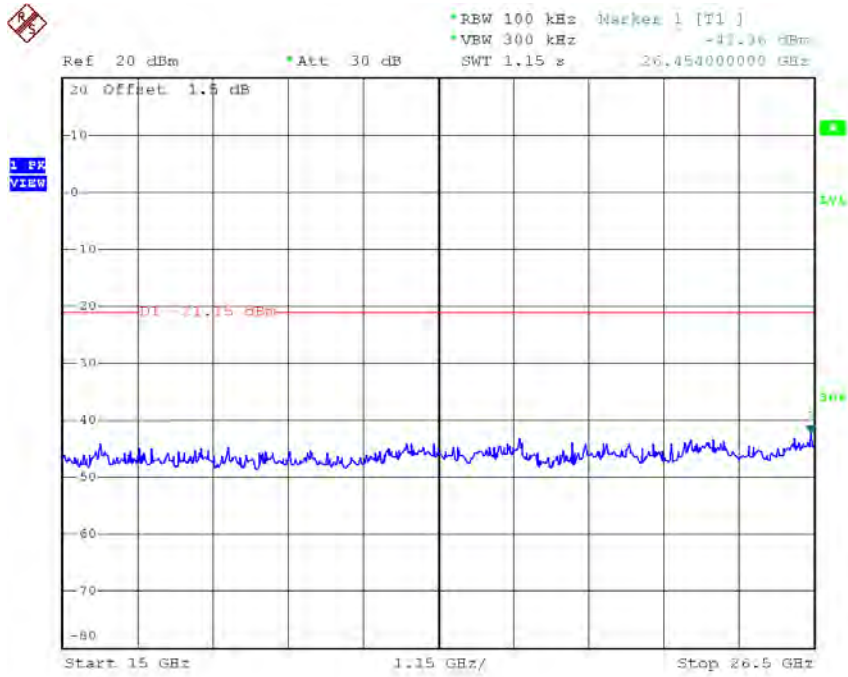
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:21:47

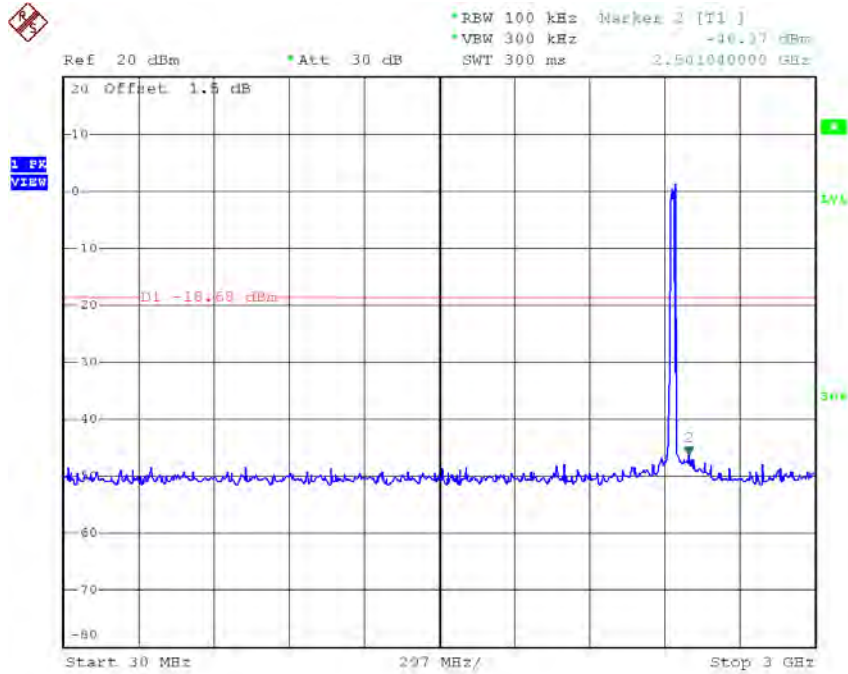


Date: 19.SEP.2016 11:21:56

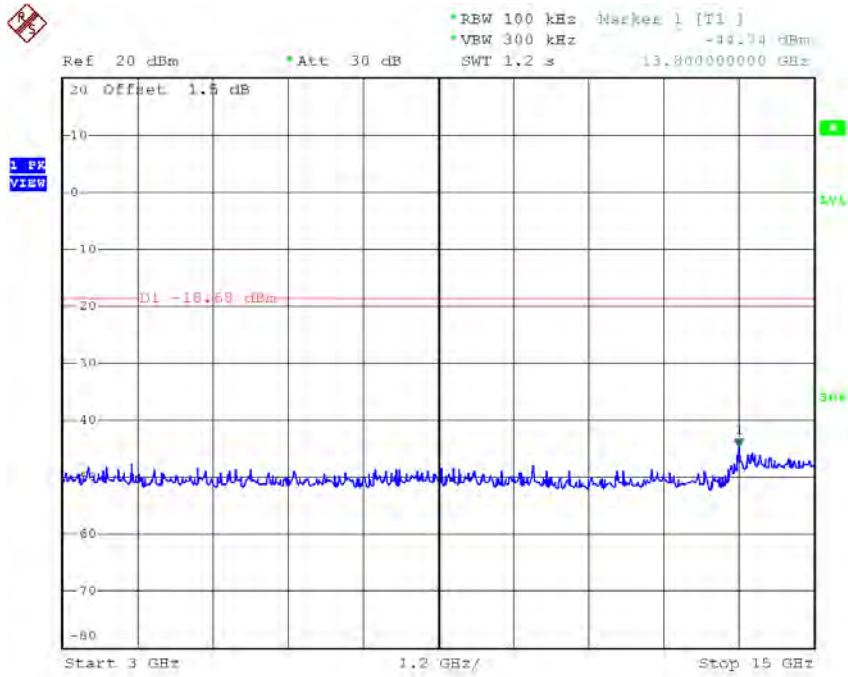


Date: 19.SEP.2016 11:22:05

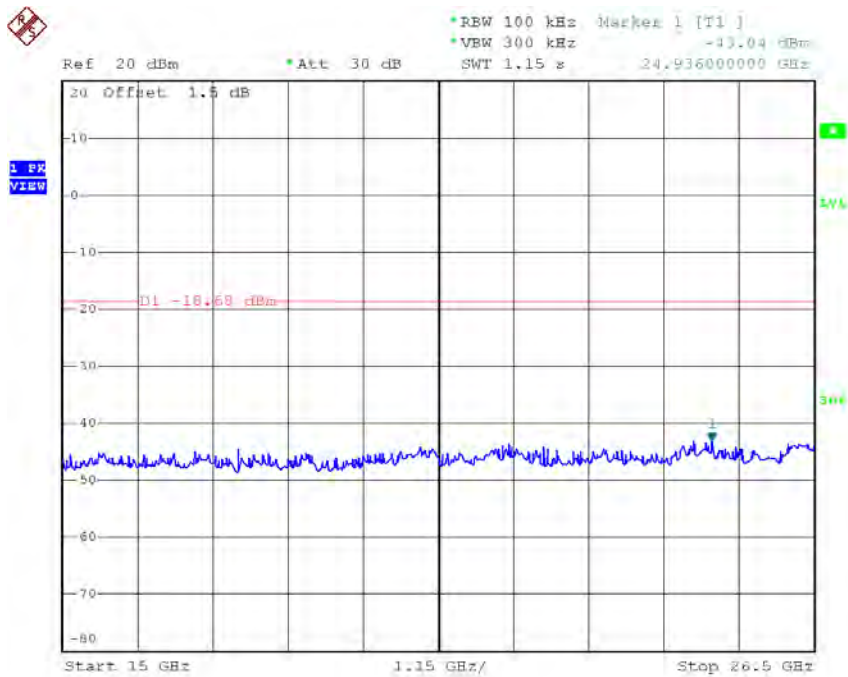
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:23:22

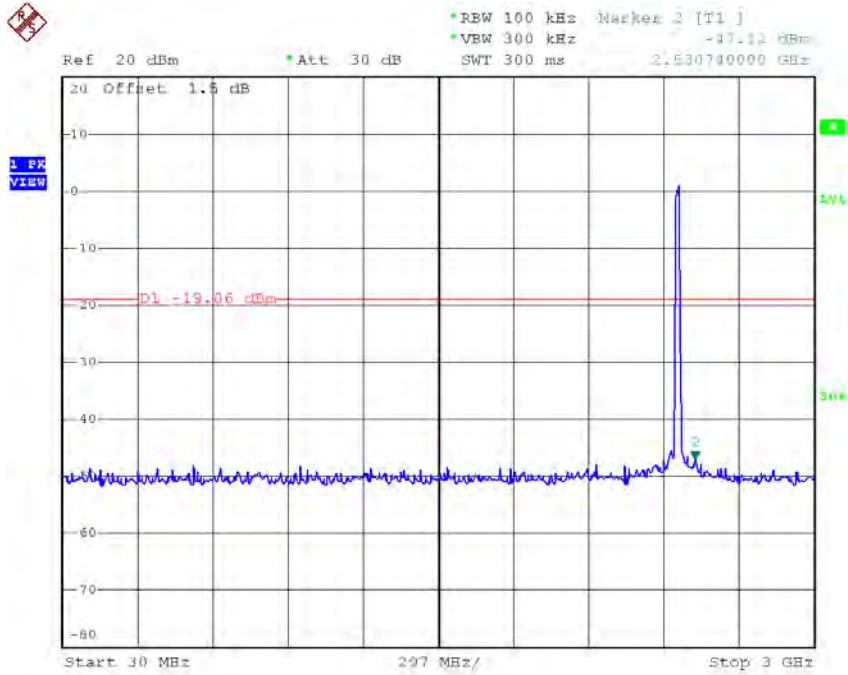


Date: 19.SEP.2016 11:23:31

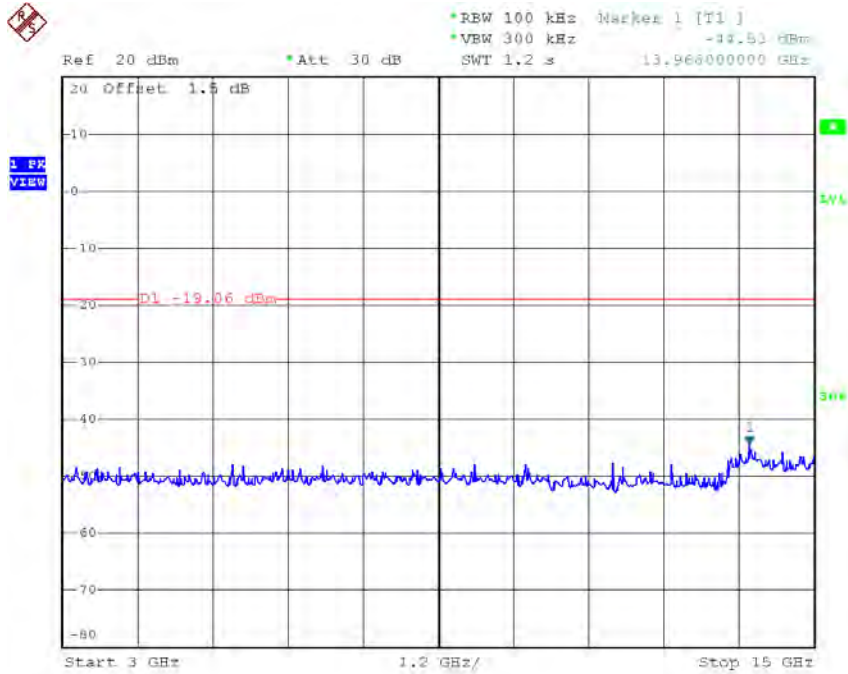


Date: 19.SEP.2016 11:23:40

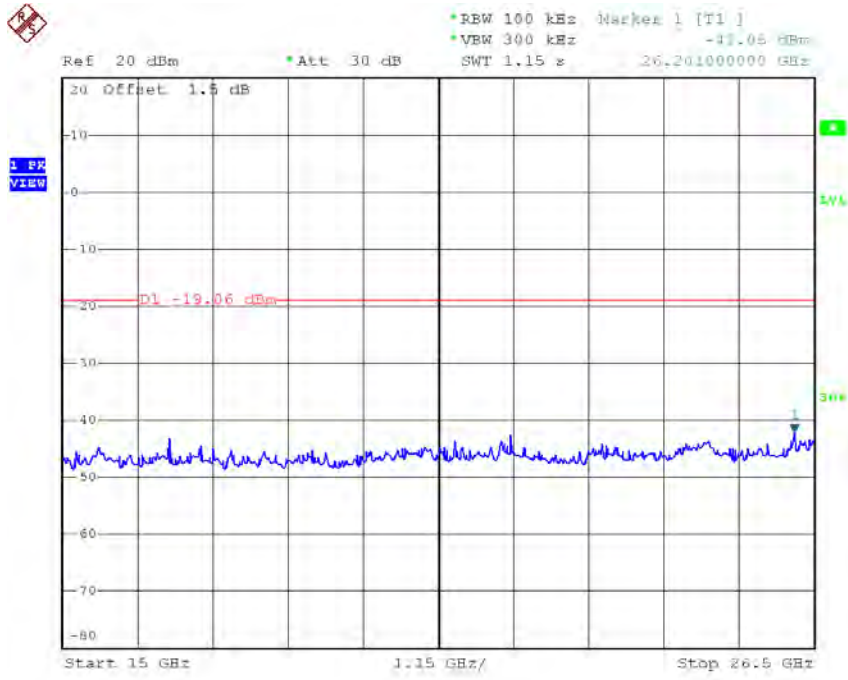
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:24:34



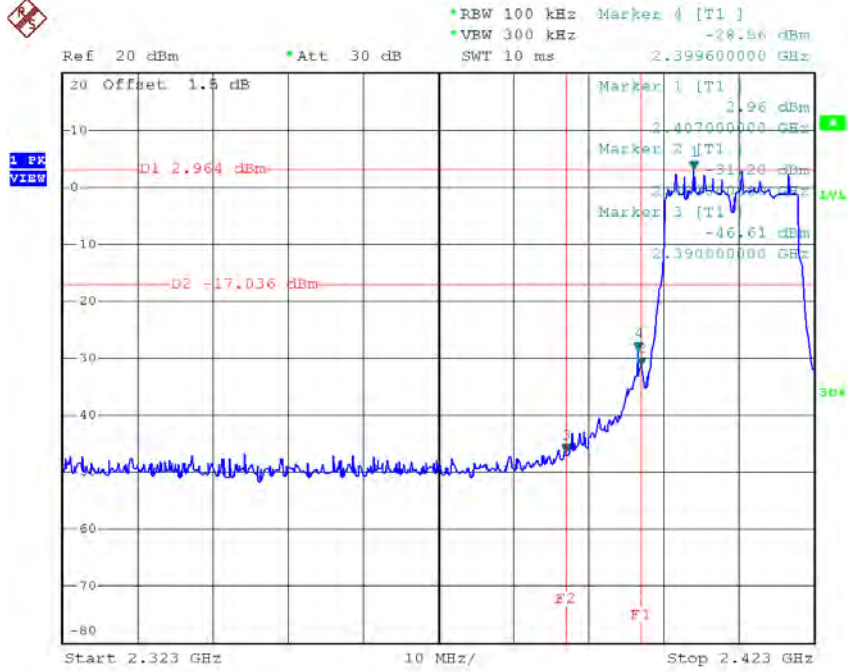
Date: 19.SEP.2016 11:24:43



Date: 19.SEP.2016 11:24:52

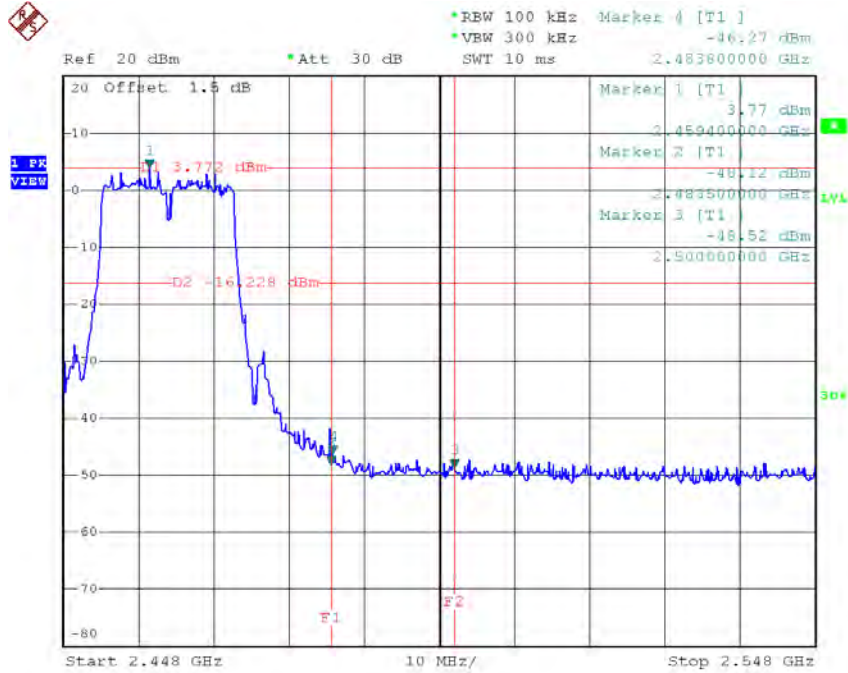
Test Mode : TX N-20M Mode_ANT 2

TX HT20 mode CH01



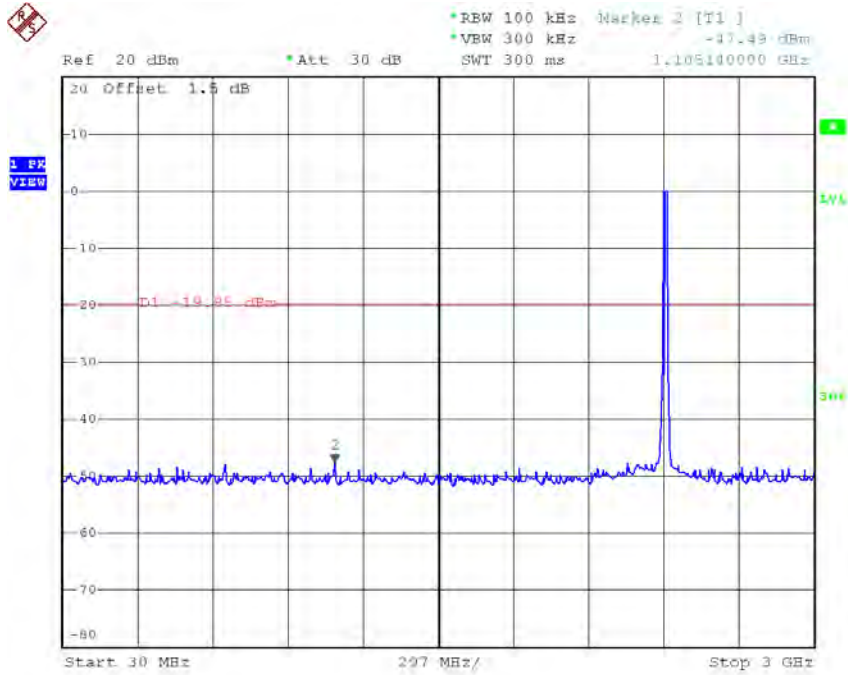
Date: 19.SEP.2016 11:26:47

TX HT20 mode CH11

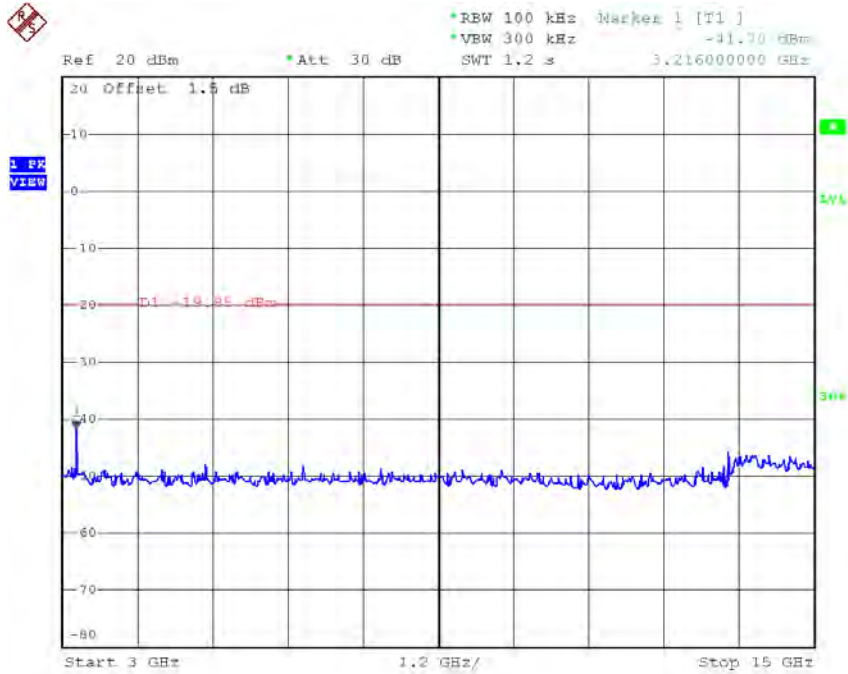


Date: 19.SEP.2016 11:29:24

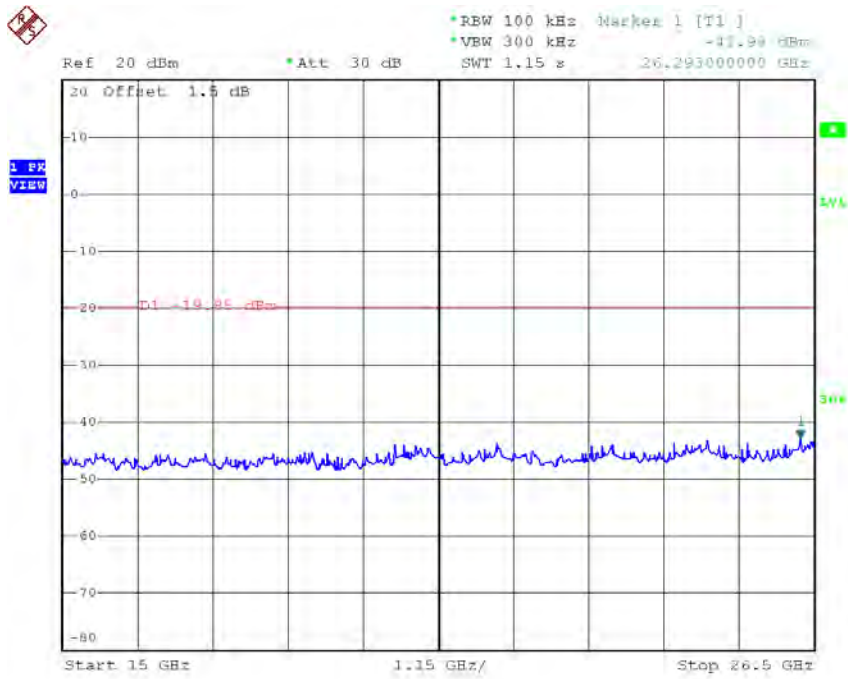
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:26:21

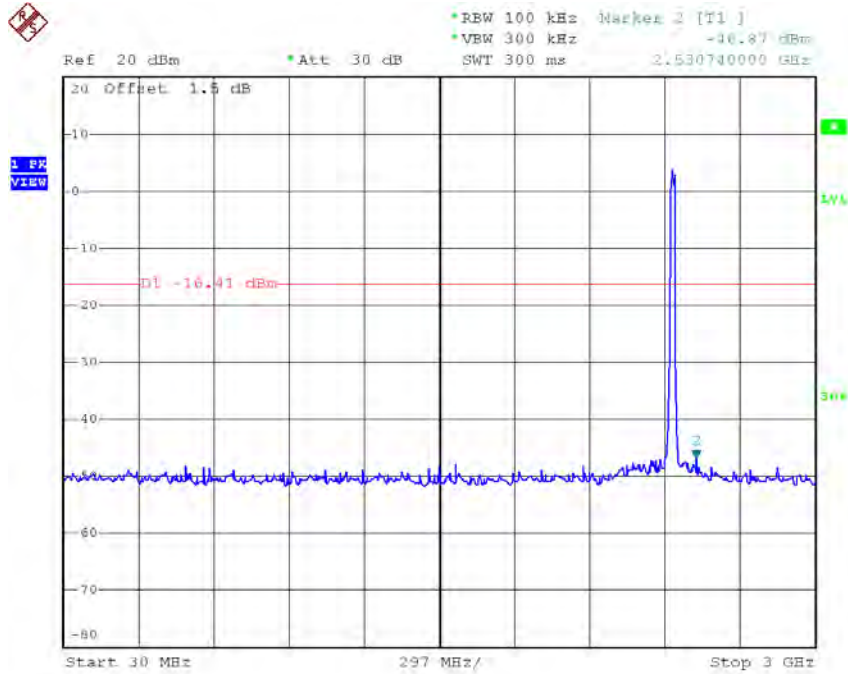


Date: 19.SEP.2016 11:26:30

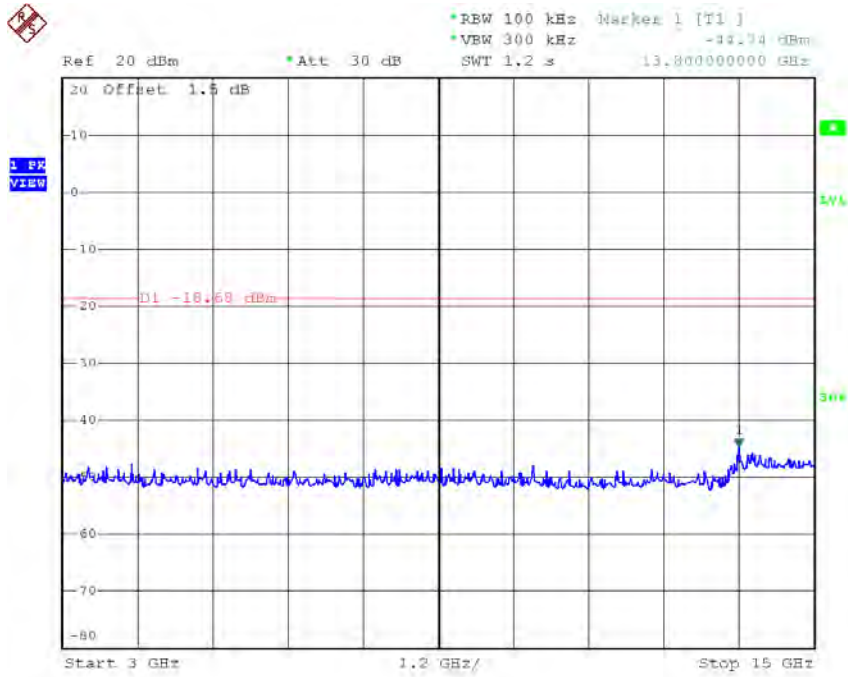


Date: 19.SEP.2016 11:26:39

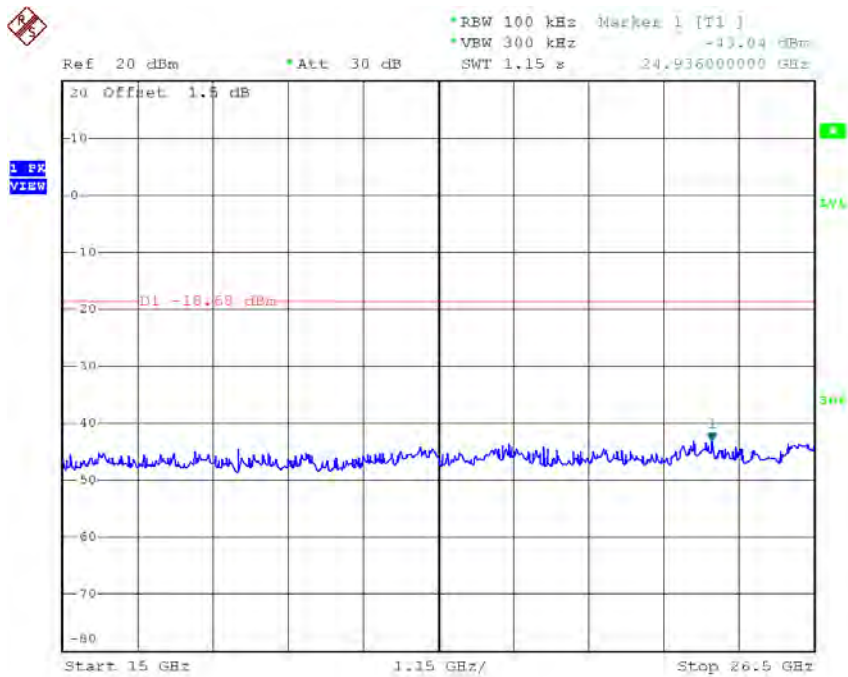
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:27:45

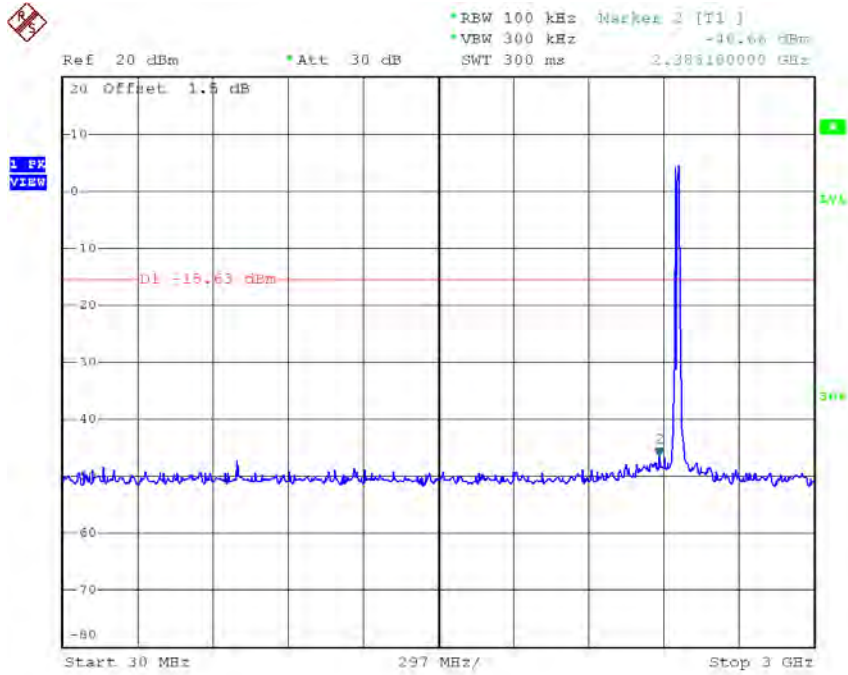


Date: 19.SEP.2016 11:23:31

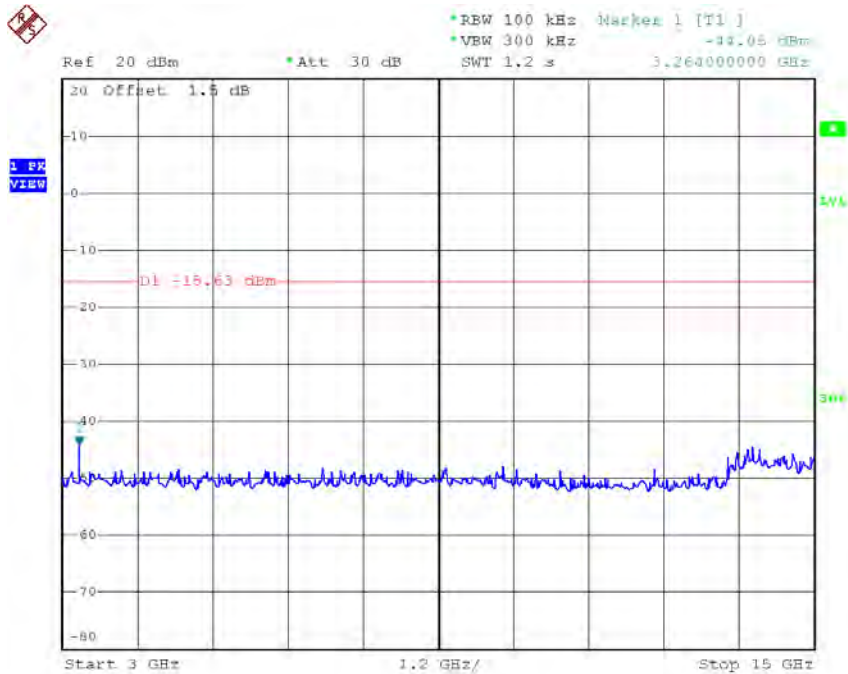


Date: 19.SEP.2016 11:23:40

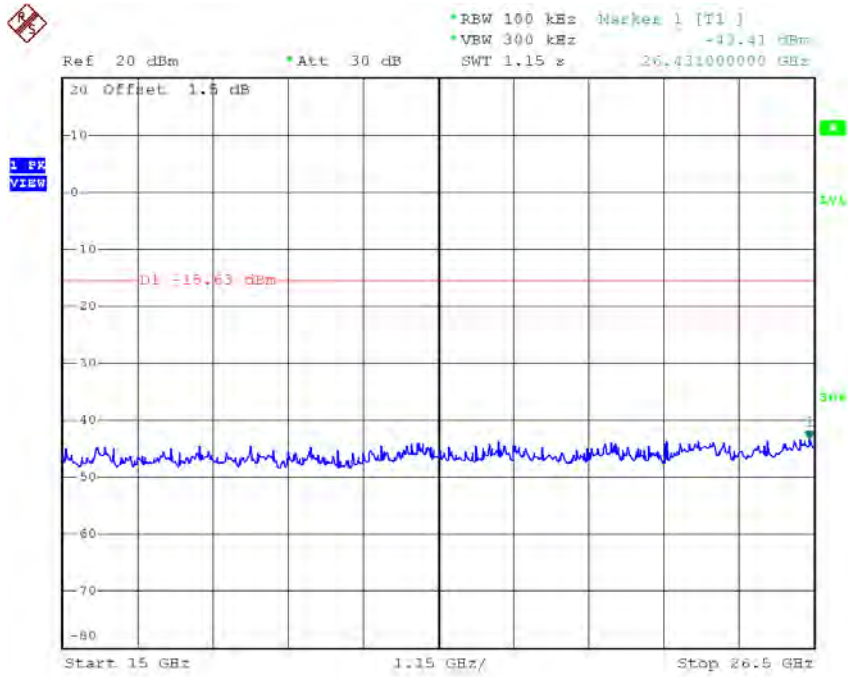
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:28:58



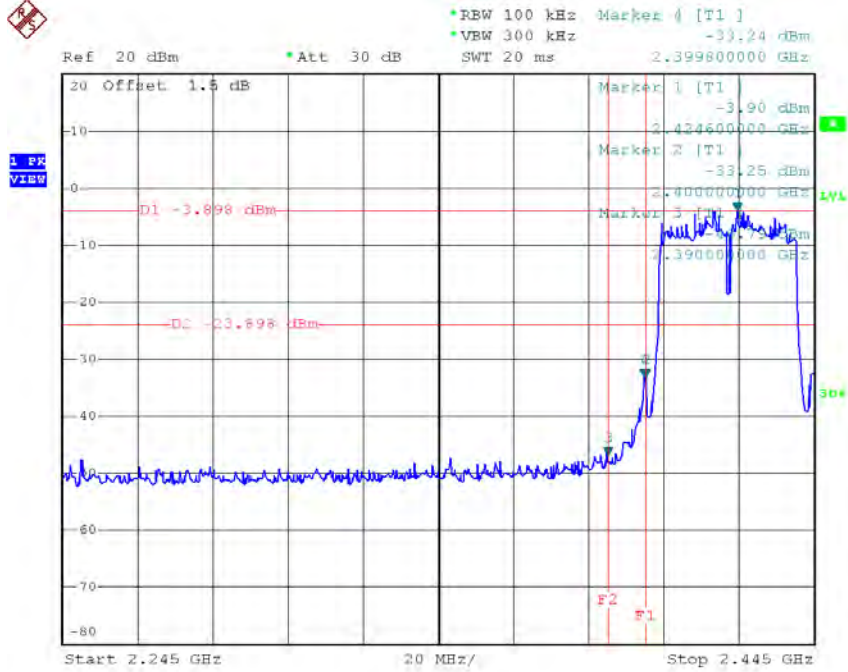
Date: 19.SEP.2016 11:29:07



Date: 19.SEP.2016 11:29:16

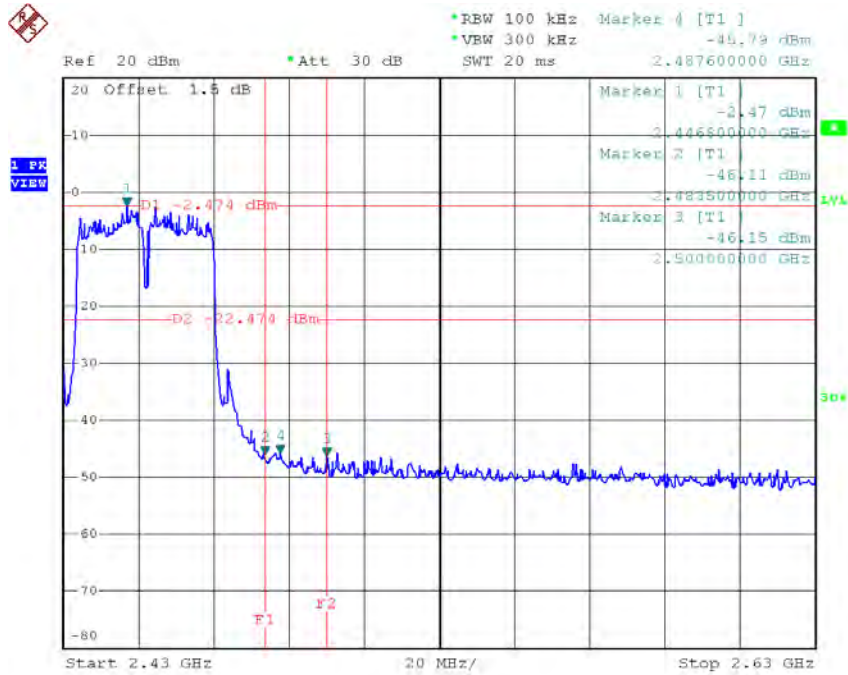
Test Mode : TX N-40M Mode_ANT 1

TX HT40 mode CH03



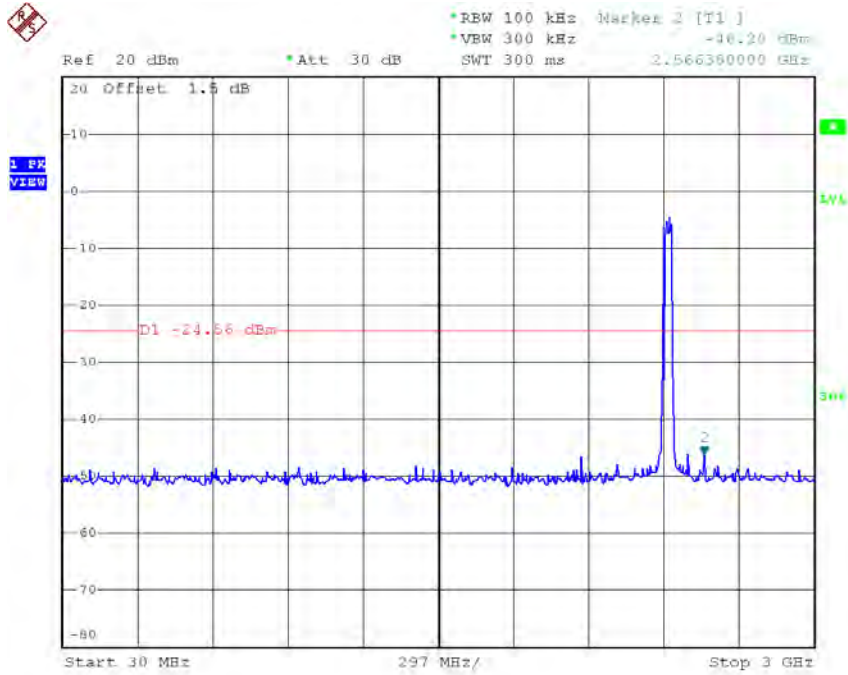
Date: 19.SEP.2016 11:31:11

TX HT40 mode CH09

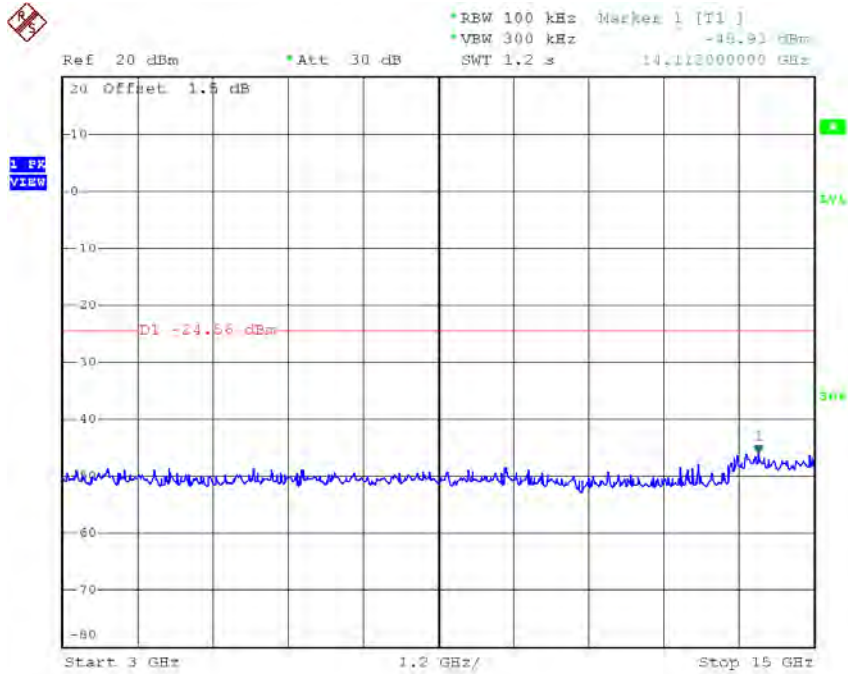


Date: 19.SEP.2016 11:37:00

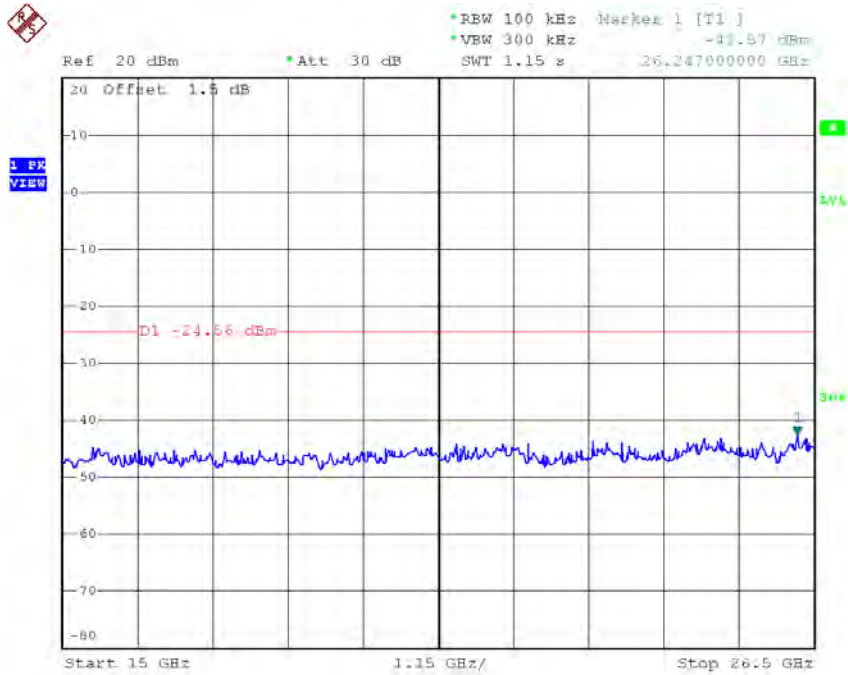
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:30:44

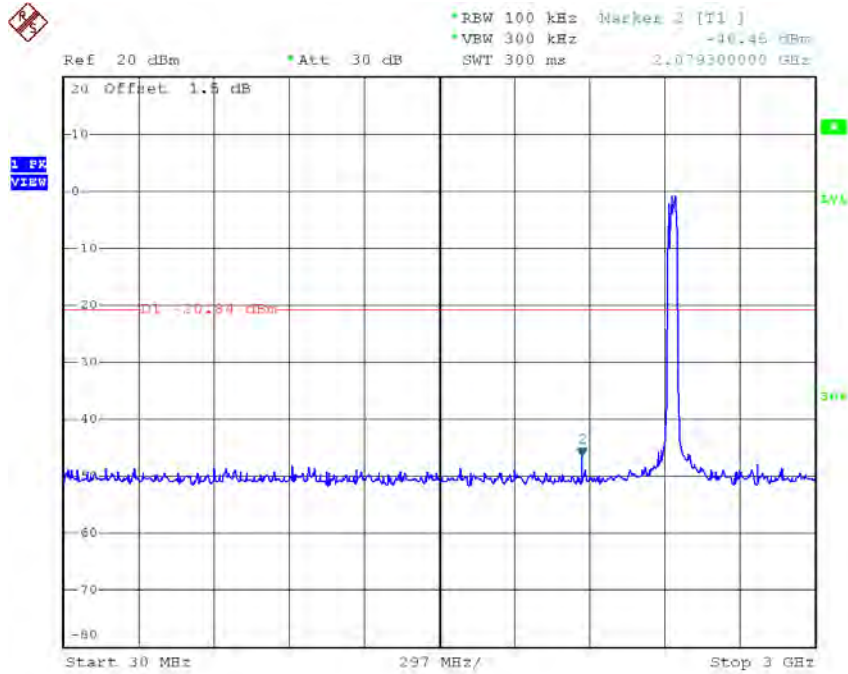


Date: 19.SEP.2016 11:30:53

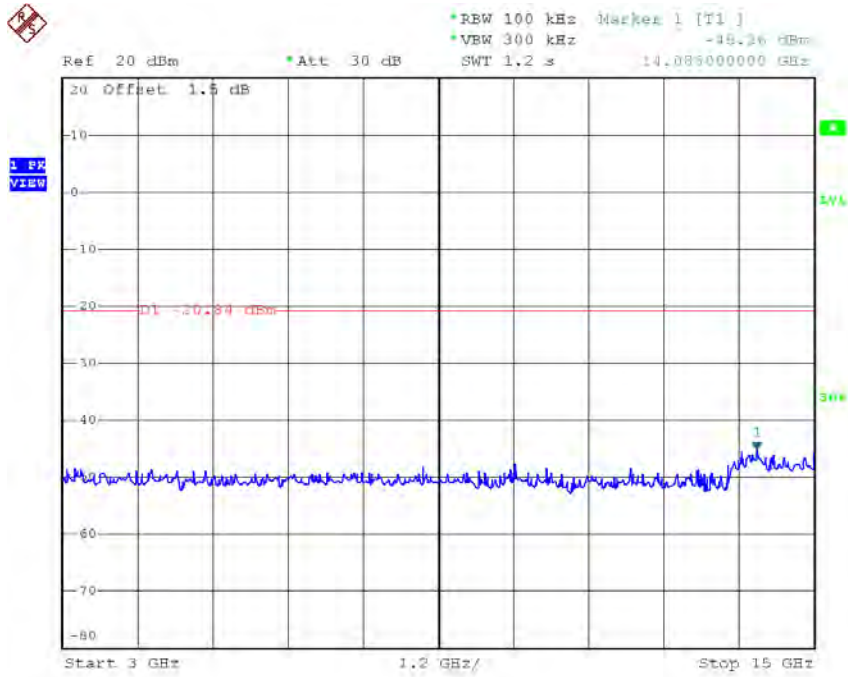


Date: 19.SEP.2016 11:31:03

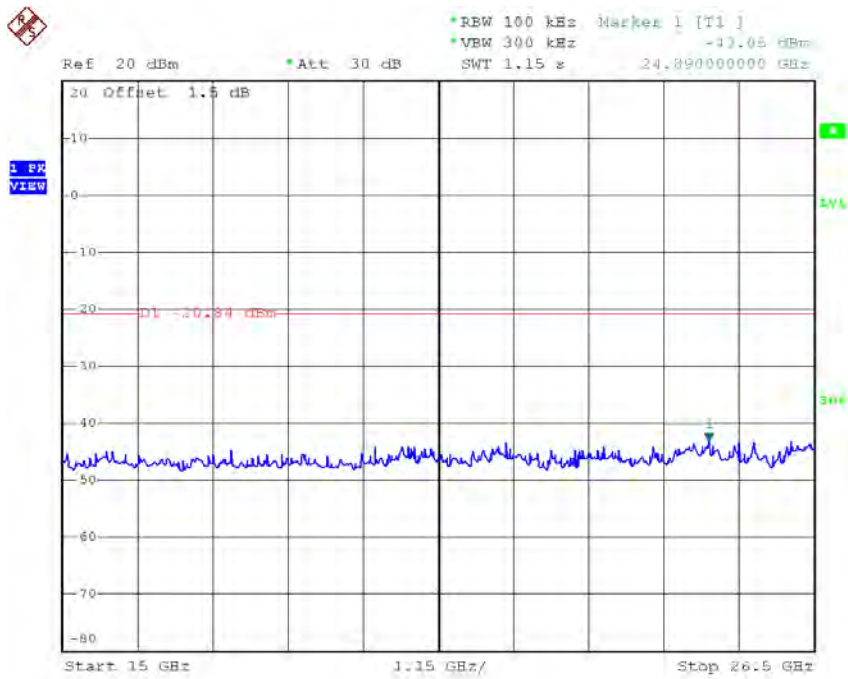
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:34:37

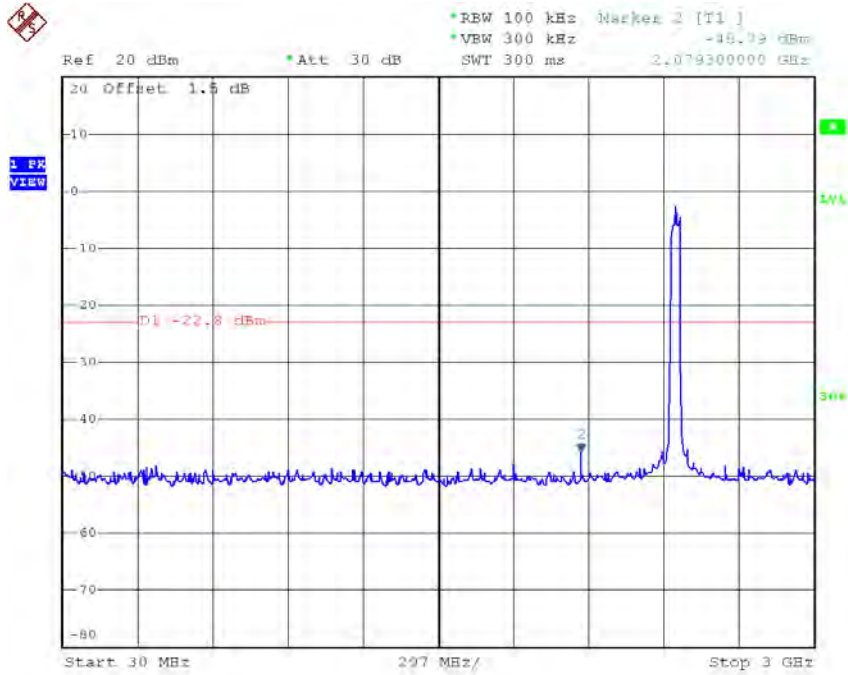


Date: 19.SEP.2016 11:34:46

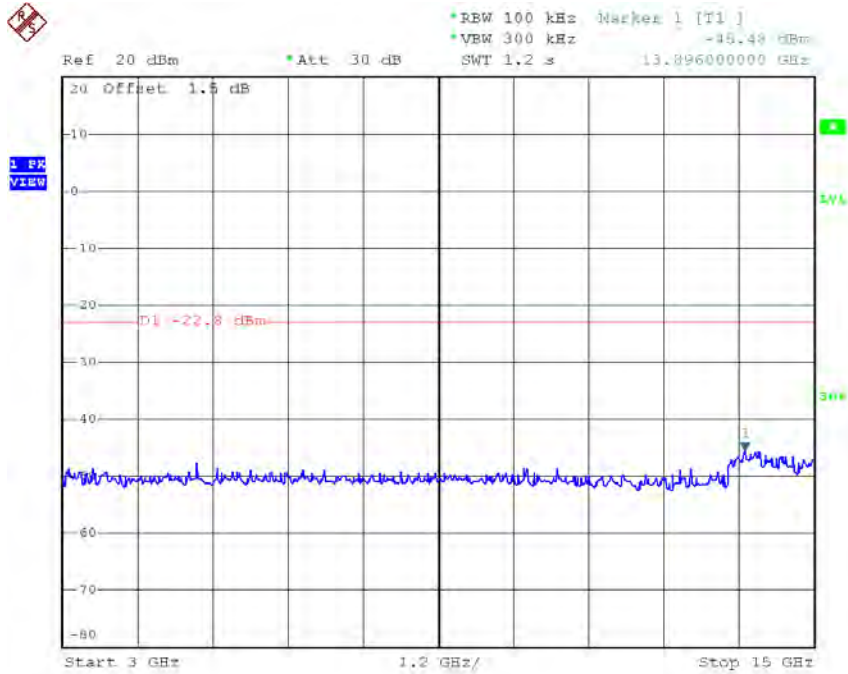


Date: 19.SEP.2016 11:35:07

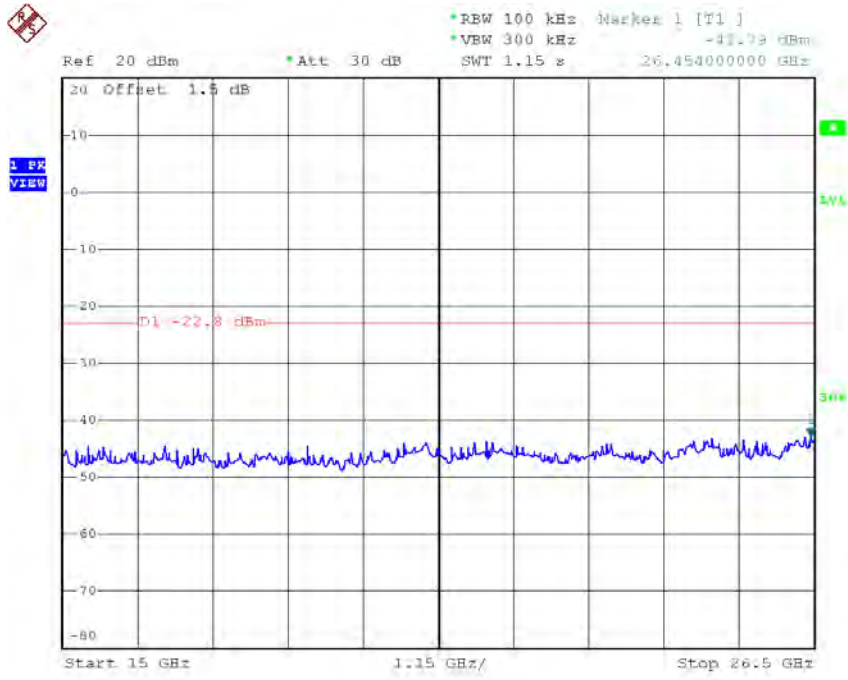
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:36:34



Date: 19.SEP.2016 11:36:43



Date: 19.SEP.2016 11:36:52

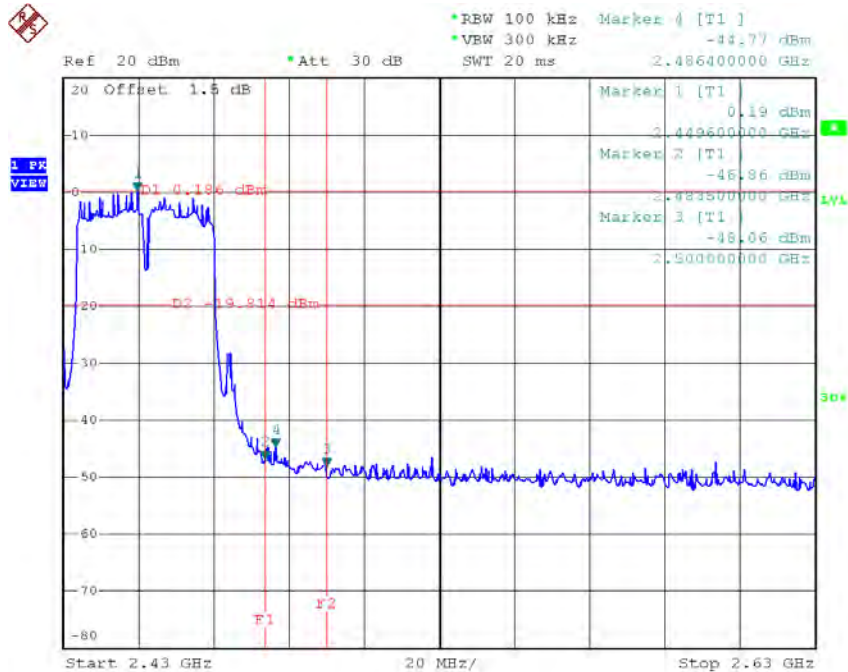
Test Mode : TX N-40M Mode_ANT 2

TX HT40 mode CH03



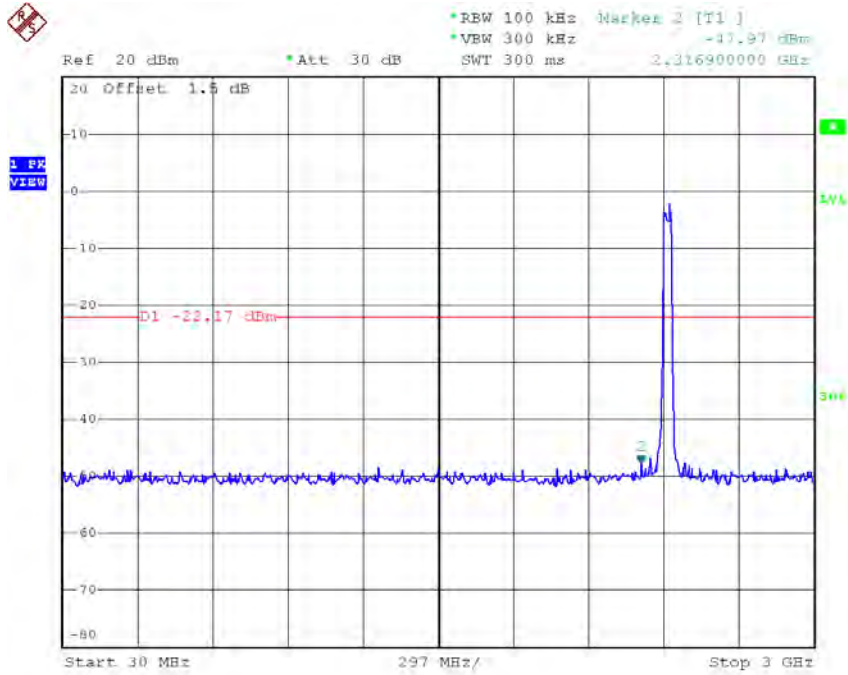
Date: 19.SEP.2016 11:39:29

TX HT40 mode CH09

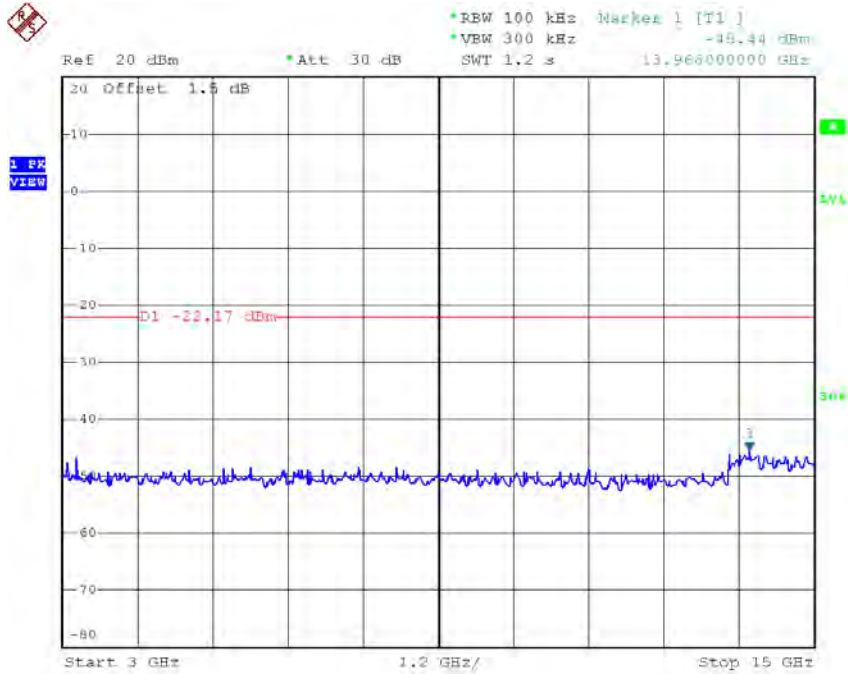


Date: 19.SEP.2016 11:42:15

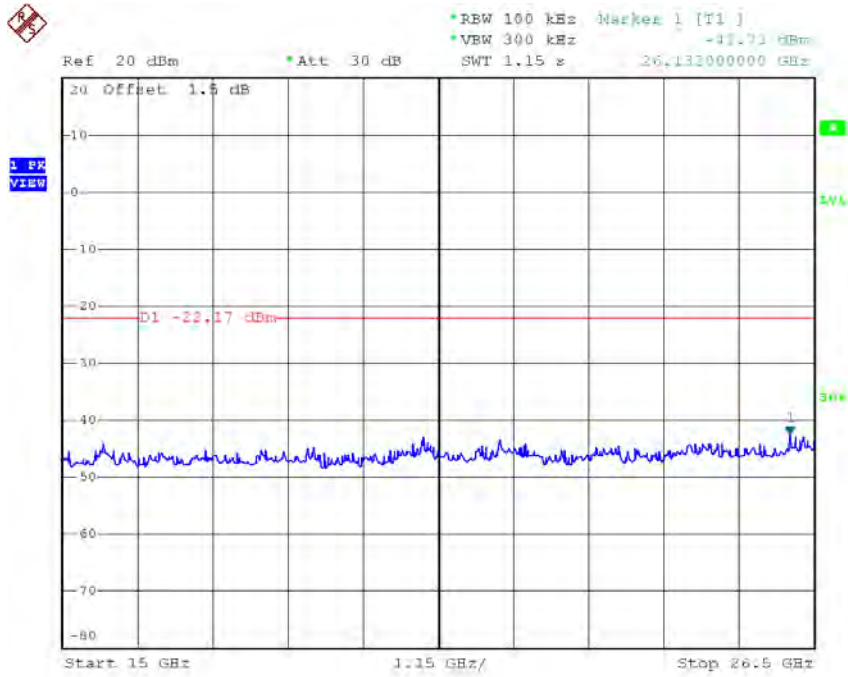
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:39:02

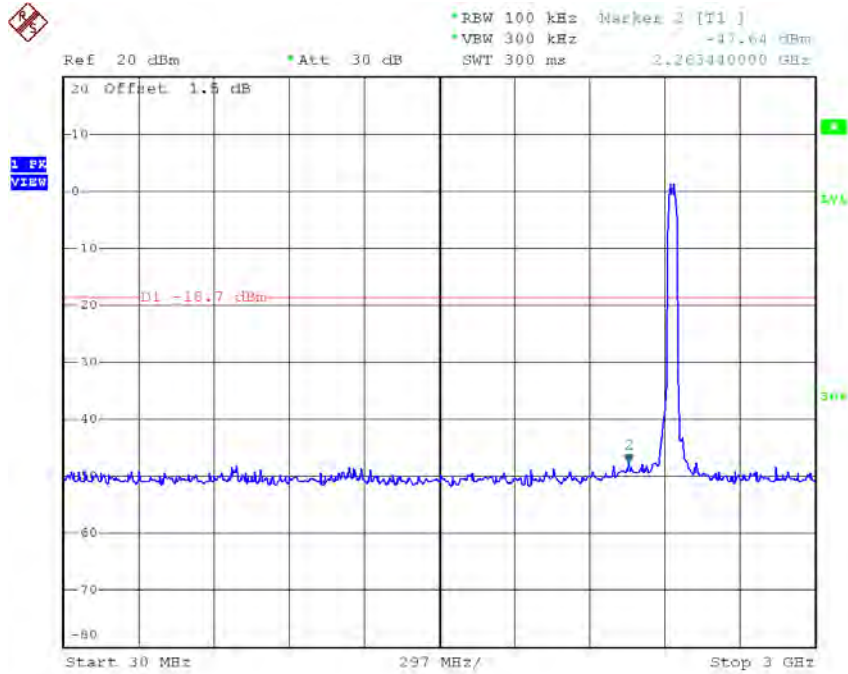


Date: 19.SEP.2016 11:39:11

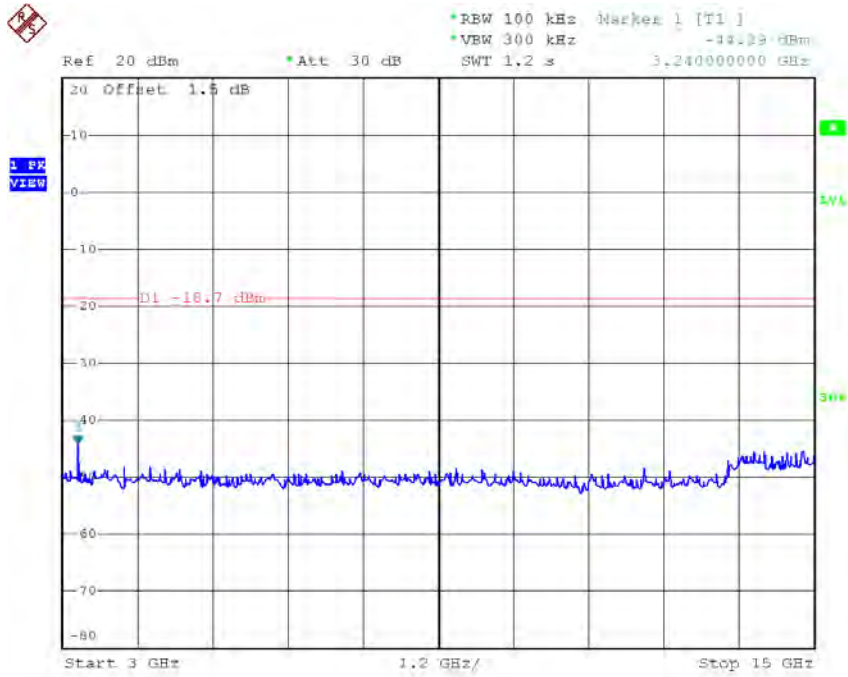


Date: 19.SEP.2016 11:39:21

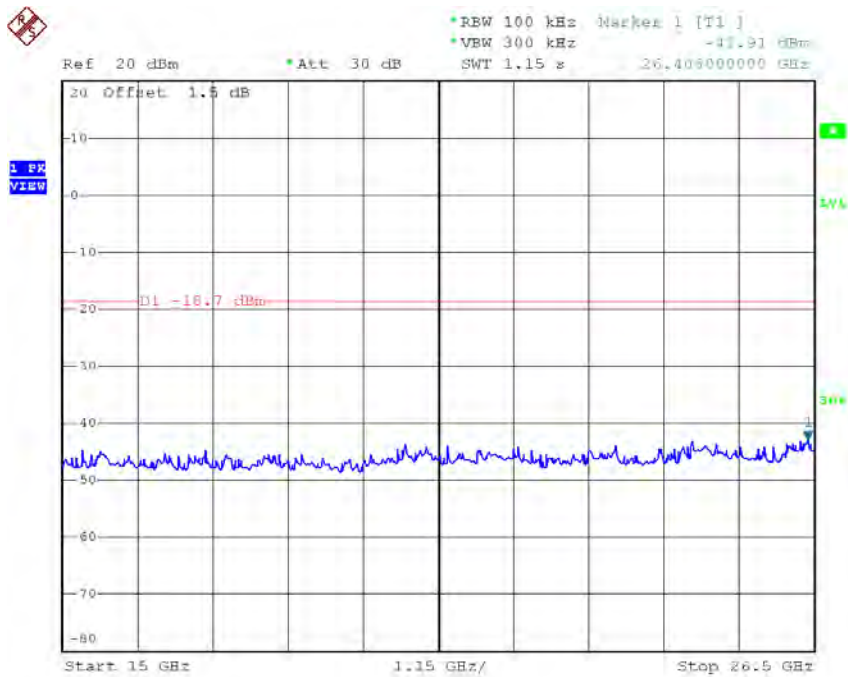
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:40:30

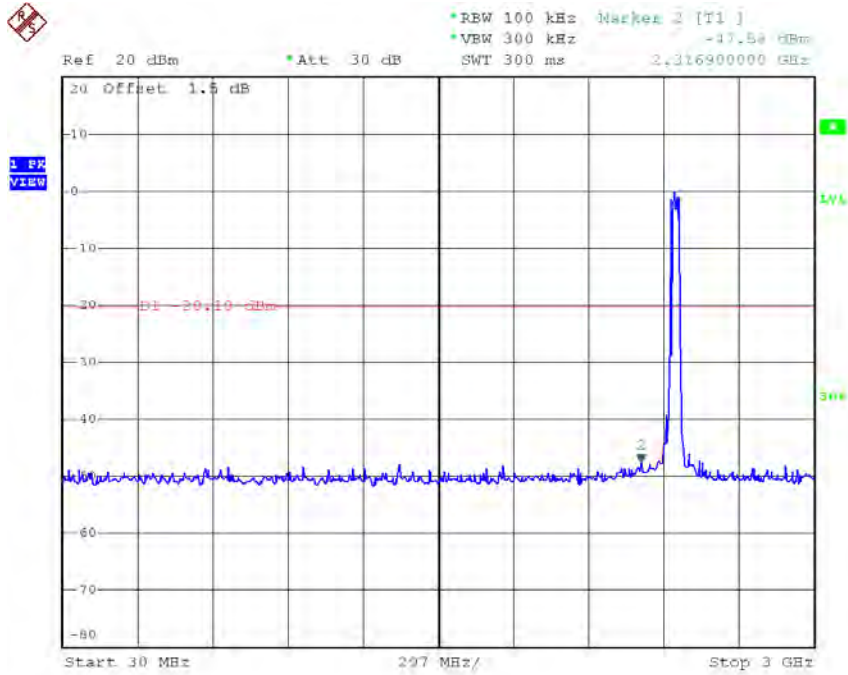


Date: 19.SEP.2016 11:40:39

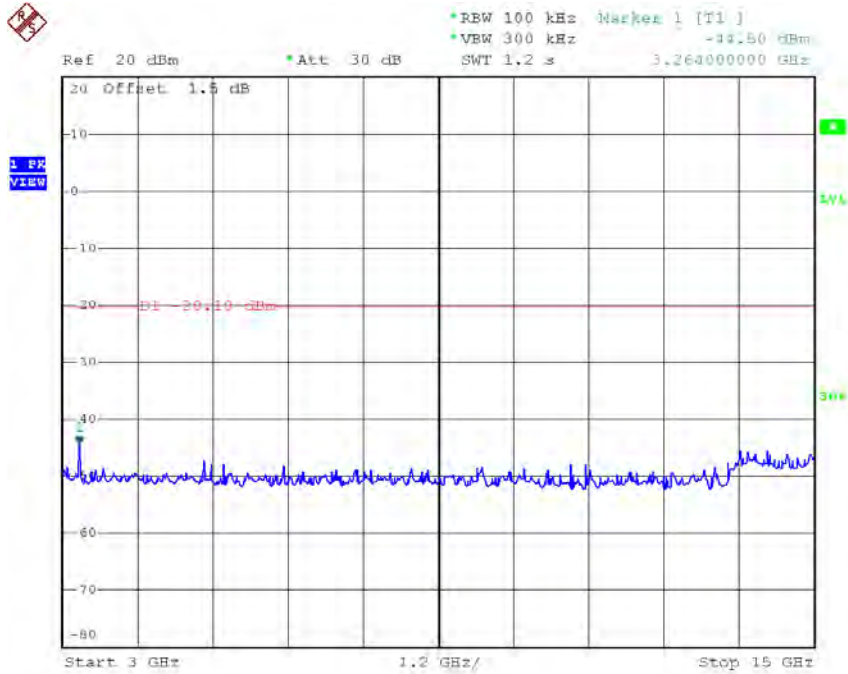


Date: 19.SEP.2016 11:40:48

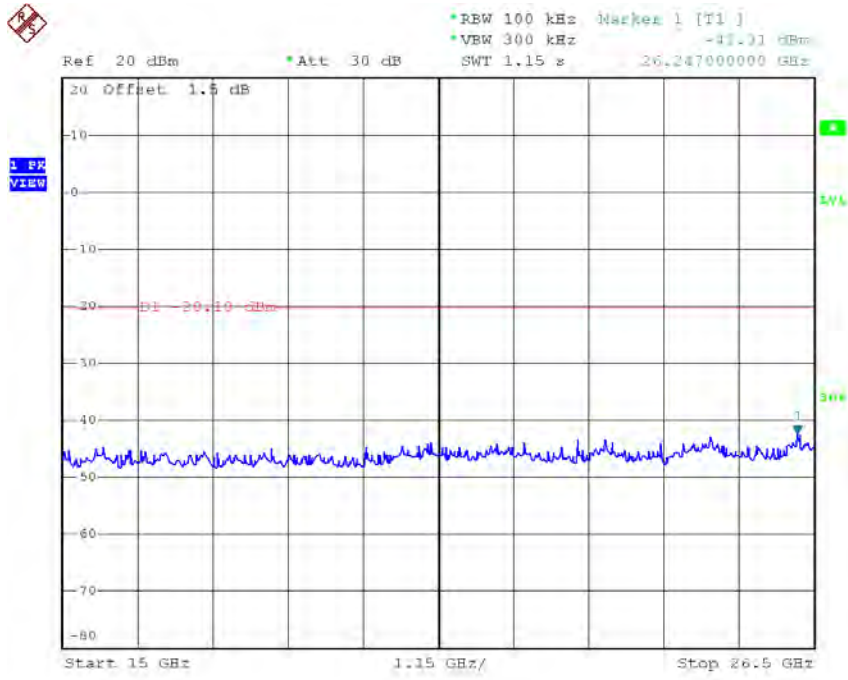
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 19.SEP.2016 11:41:49



Date: 19.SEP.2016 11:41:58



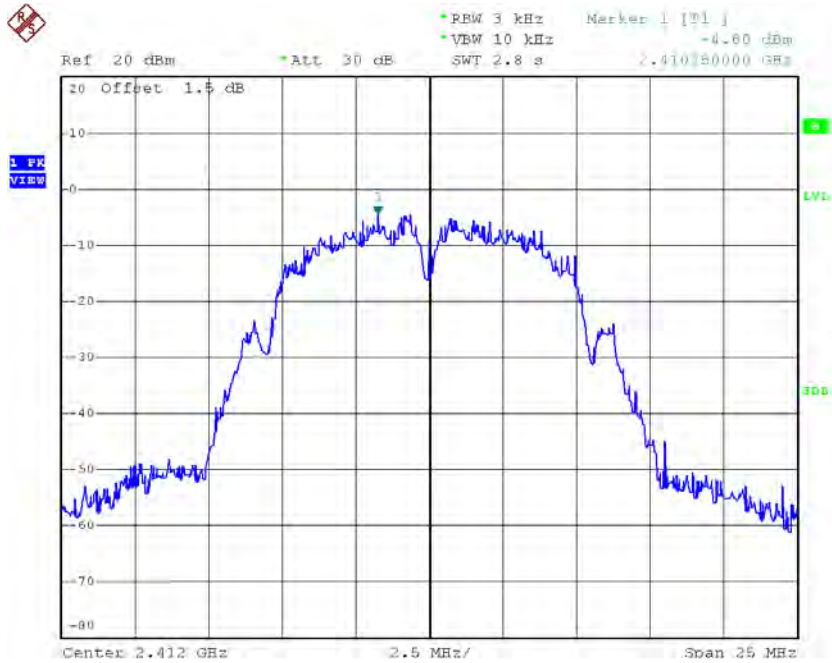
Date: 19.SEP.2016 11:42:07

ATTACHMENT H - POWER SPECTRAL DENSITY

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

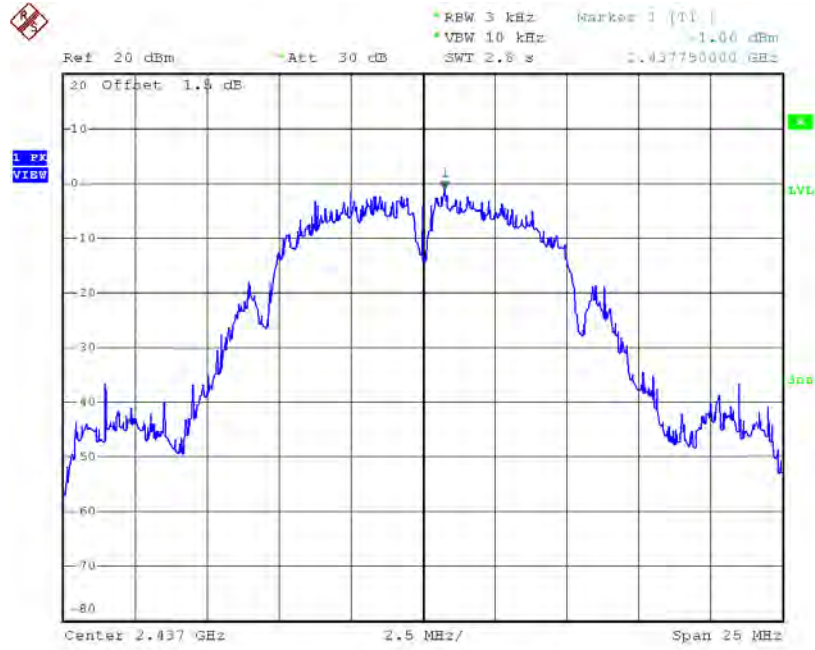
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-4.60	0.3467	8.00	Complies
2437	-1.06	0.7834	8.00	Complies
2462	-3.36	0.4613	8.00	Complies

TX CH01



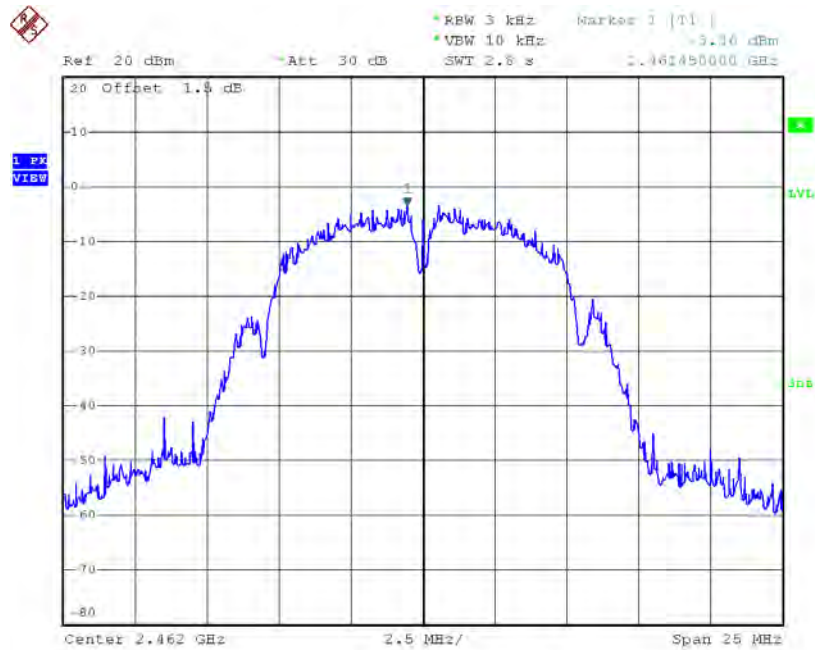
Date: 19.SEP.2016 11:09:55

TX CH06



Date: 19.SEP.2016 11:12:14

TX CH11

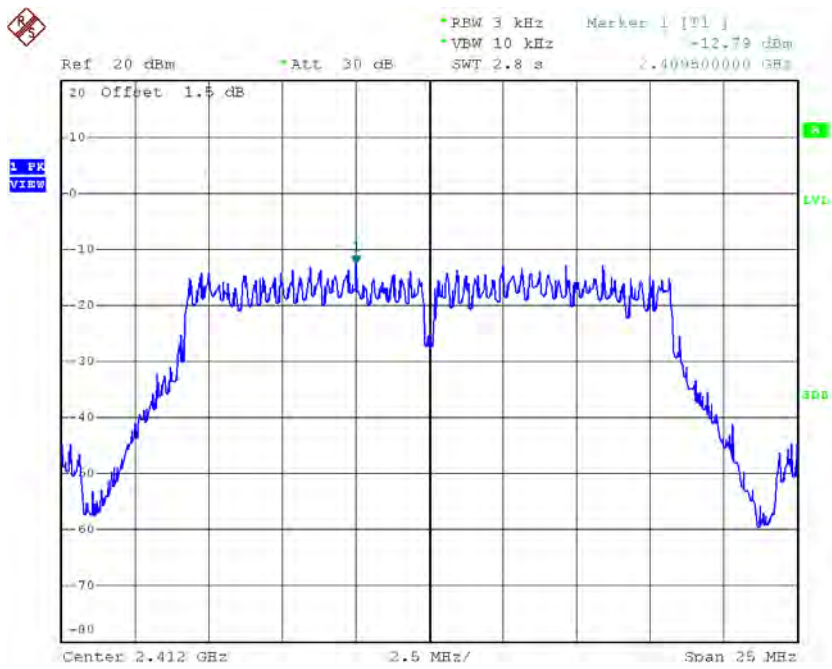


Date: 19.SEP.2016 11:14:45

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

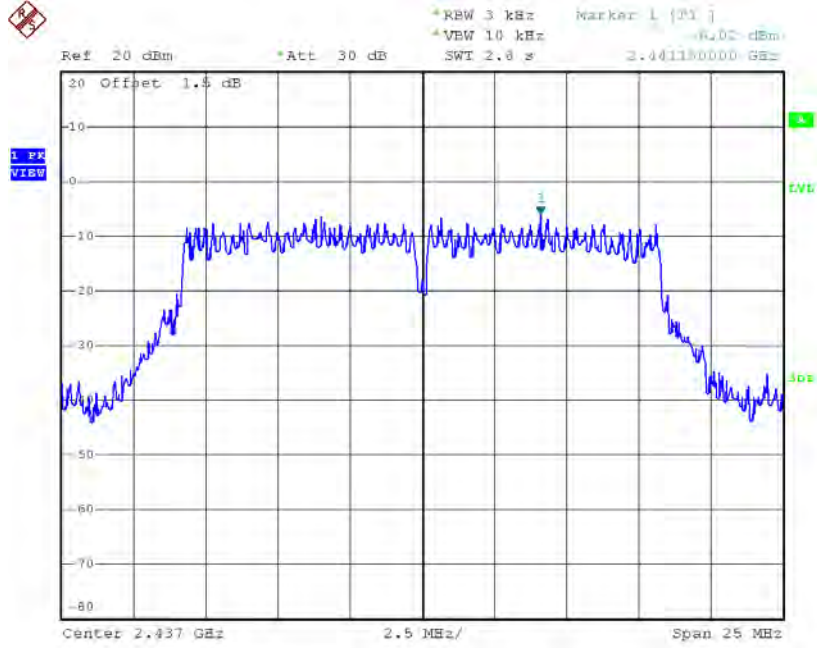
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.79	0.0526	8.00	Complies
2437	-6.02	0.2500	8.00	Complies
2462	-10.30	0.0933	8.00	Complies

TX CH01



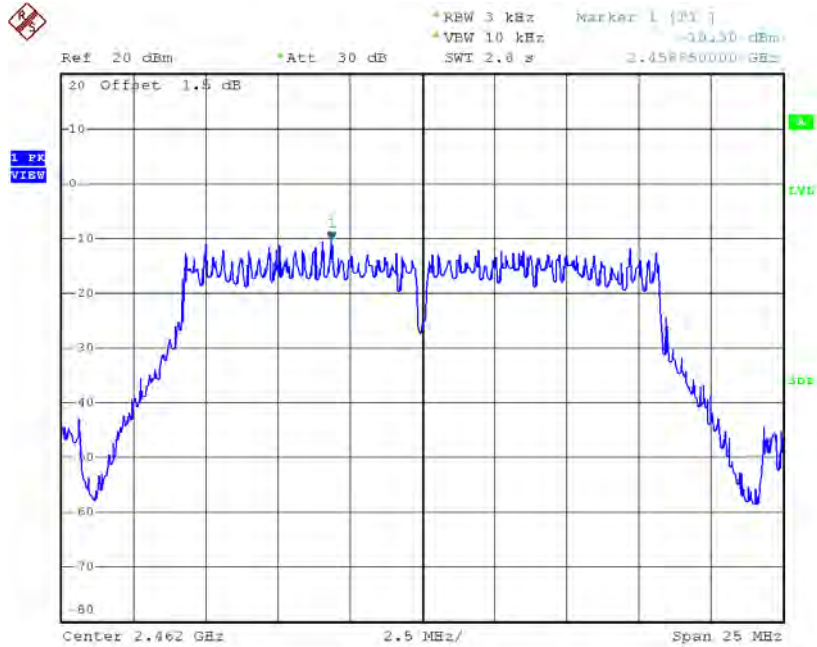
Date: 19.SEP.2016 11:16:27

TX CH06



Date: 19.SEP.2016 11:17:54

TX CH11

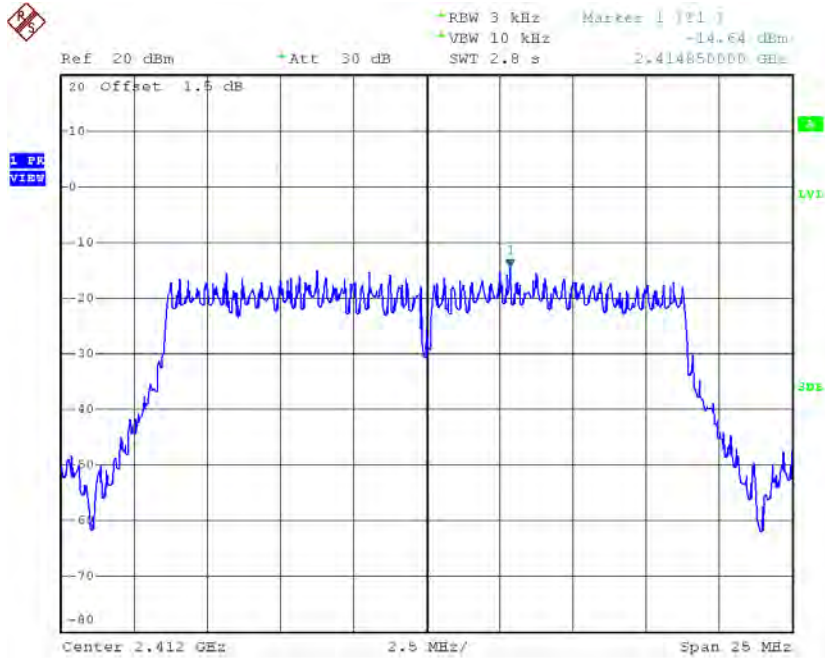


Date: 19.SEP.2016 11:19:27

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

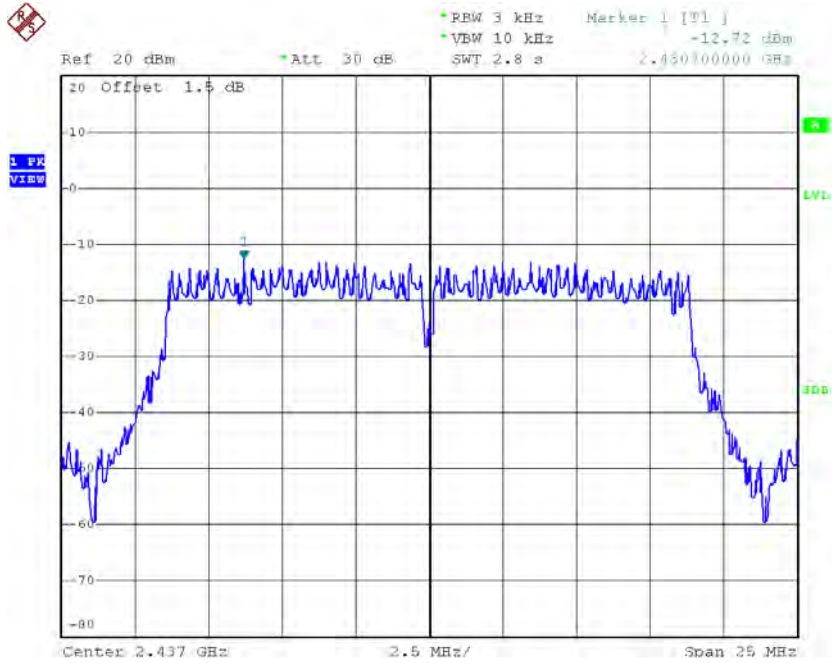
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.64	0.0344	8.00	Complies
2437	-12.72	0.0535	8.00	Complies
2462	-12.17	0.0607	8.00	Complies

TX CH01



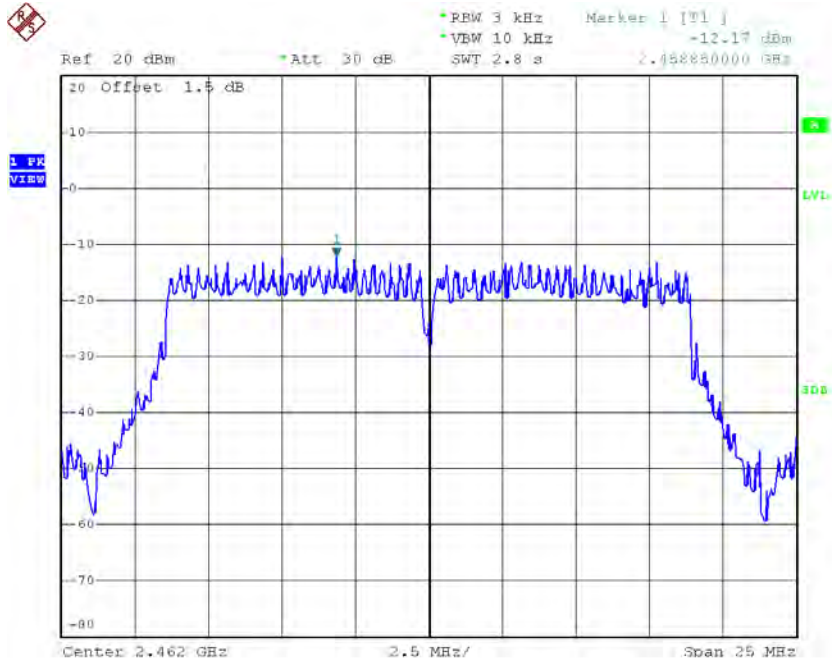
Date: 19.SEP.2016 11:22:23

TX CH06



Date: 19.SEP.2016 11:23:49

TX CH11

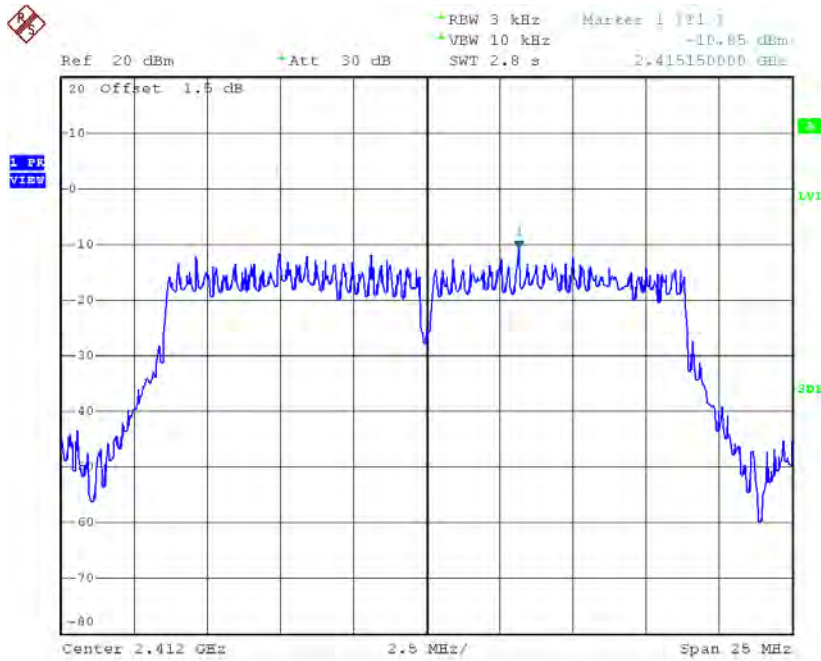


Date: 19.SEP.2016 11:25:10

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

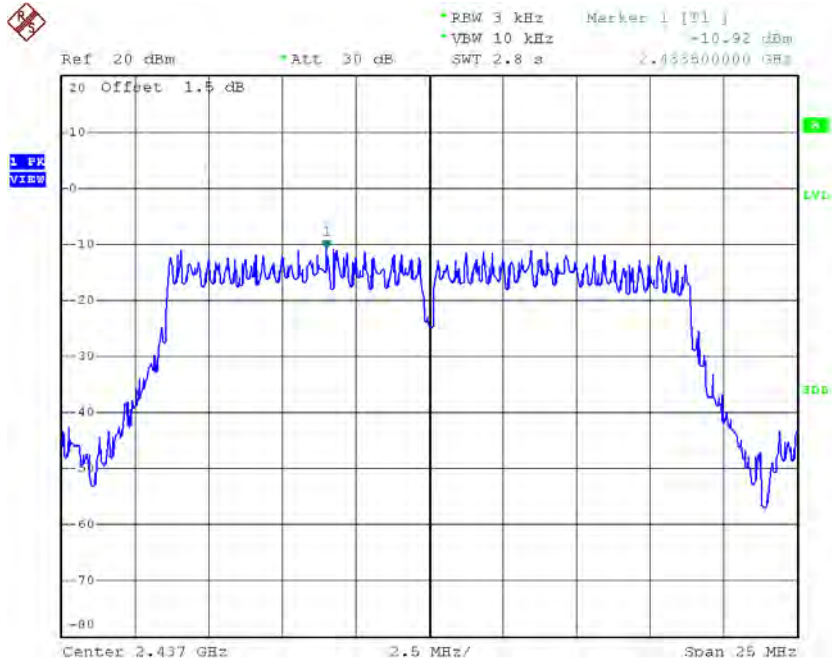
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-10.85	0.0822	8.00	Complies
2437	-10.92	0.0809	8.00	Complies
2462	-9.62	0.1091	8.00	Complies

TX CH01



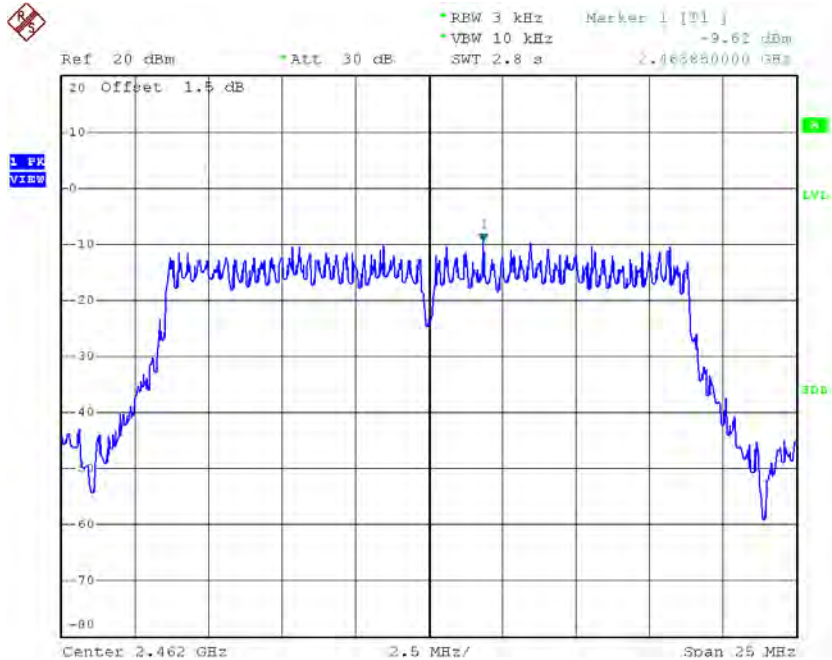
Date: 19.SEP.2016 11:26:57

TX CH06



Date: 19.SEP.2016 11:28:12

TX CH11



Date: 19.SEP.2016 11:29:34

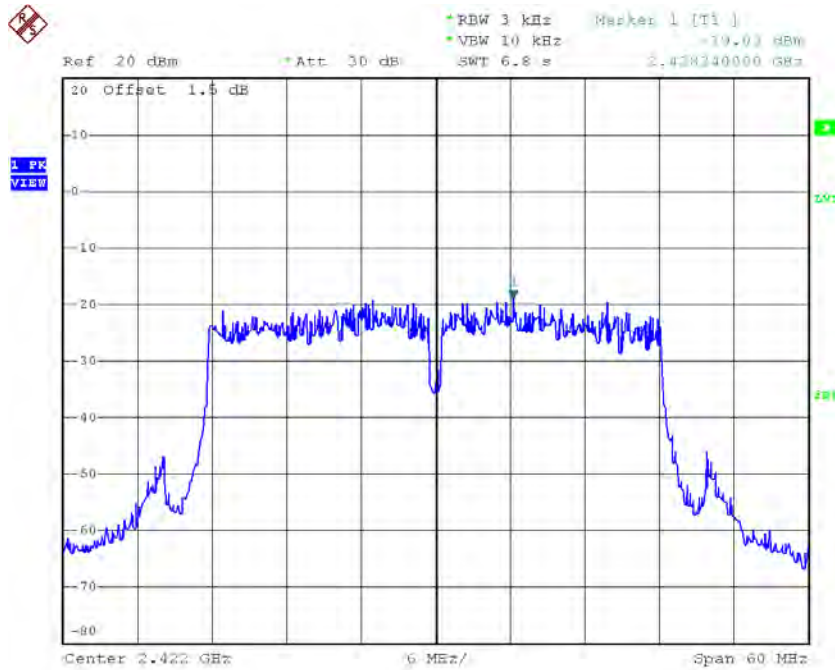
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.59	0.1100	8.00	Complies
2437	-8.86	0.1300	8.00	Complies
2462	-7.70	0.1700	8.00	Complies

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

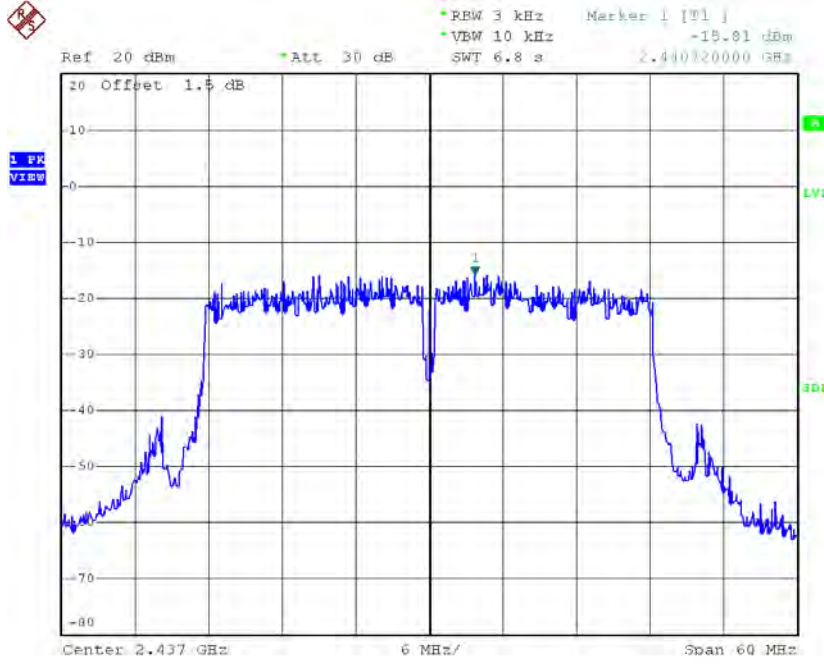
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-19.03	0.0125	8.00	Complies
2437	-15.81	0.0262	8.00	Complies
2452	-17.18	0.0191	8.00	Complies

TX CH03



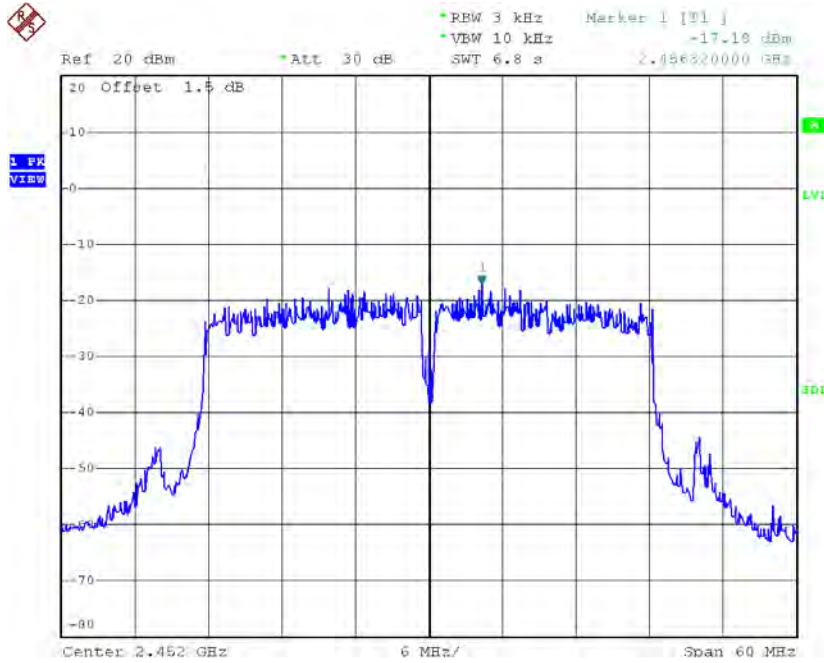
Date: 19.SEP.2016 11:31:24

TX CH06



Date: 19.SEP.2016 11:34:59

TX CH09

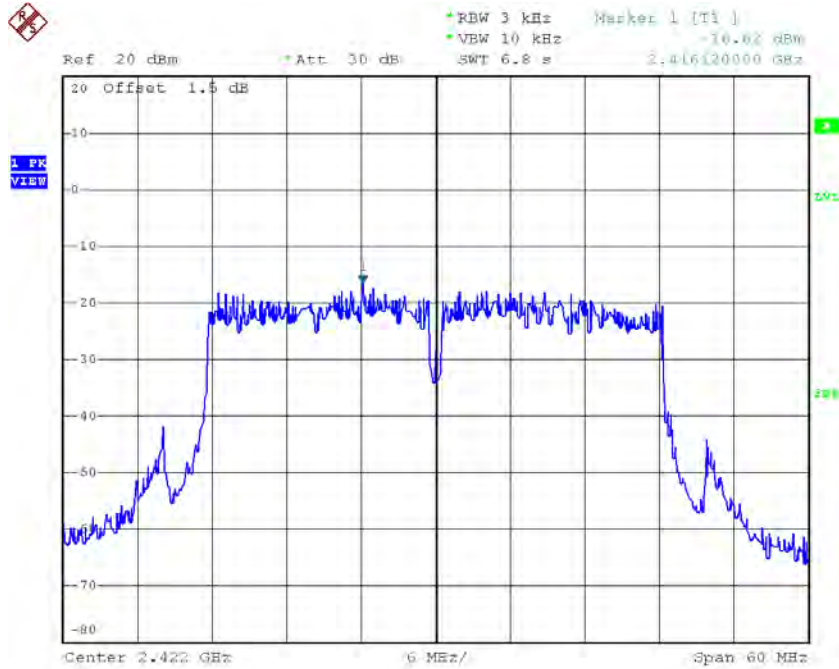


Date: 19.SEP.2016 11:37:13

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

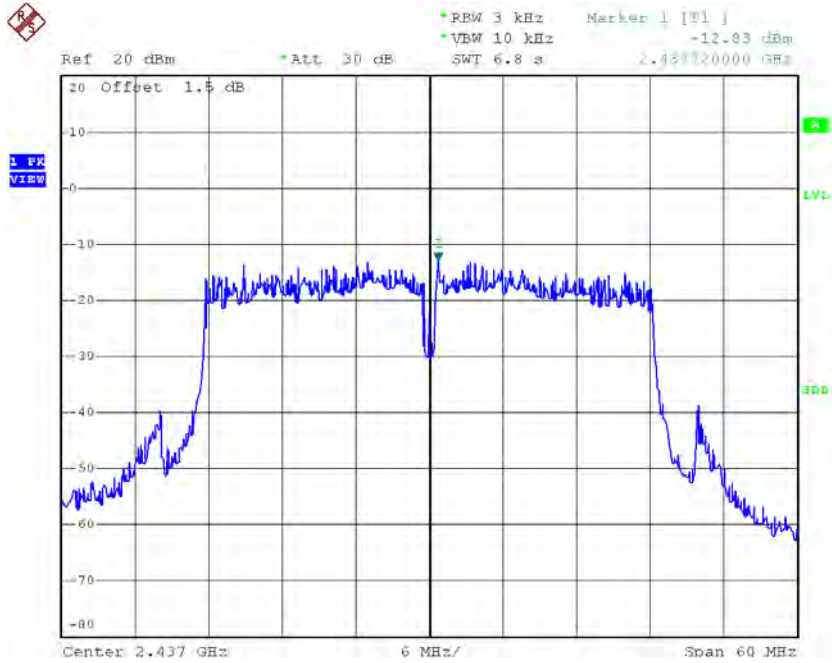
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-16.62	0.0218	8.00	Complies
2437	-12.83	0.0521	8.00	Complies
2452	-15.10	0.0309	8.00	Complies

TX CH03



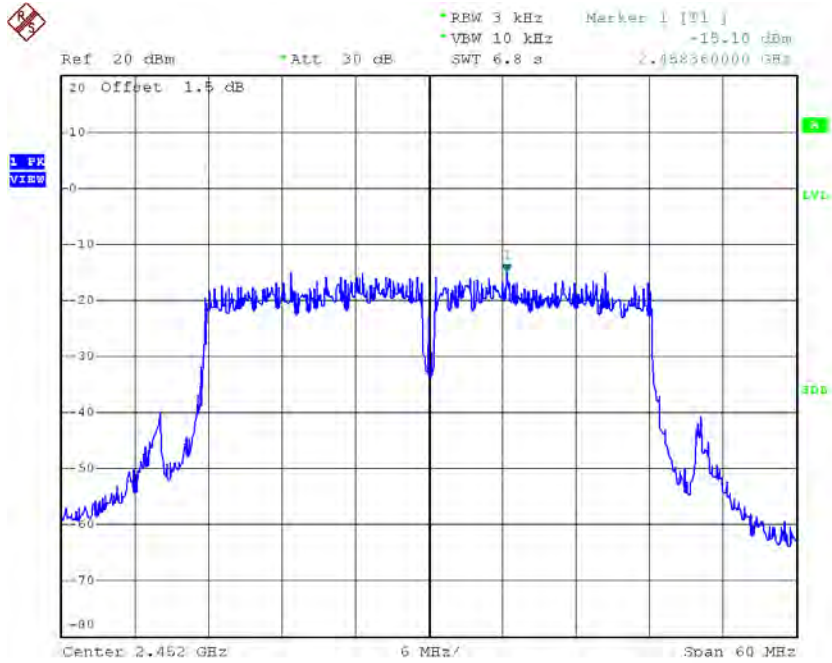
Date: 19.SEP.2016 11:39:42

TX CH06



Date: 19.SEP.2016 11:41:01

TX CH09



Date: 19.SEP.2016 11:42:28

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	-15.23	0.0300	8.00	Complies
2437	-10.97	0.0800	8.00	Complies
2452	-13.01	0.0500	8.00	Complies