

FCC Radio Test Report

FCC ID:V7TI9

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

Project No. : 1709C144
Equipment : Wireless Access Point
Test Model : i9
Series Model : N/A
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD.
Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China

Date of Receipt : Sep. 16, 2017
Date of Test : Sep. 16, 2017 ~ Oct. 17, 2017
Issued Date : Oct. 18, 2017
Tested by : BTL Inc.

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Lab Code: 200788-01

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1709C144	Original Issue.	Oct. 18, 2017

1. CERTIFICATION

Equipment : Wireless Access Point
Brand Name : Tenda
Test Model : i9
Series Model : N/A
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. 16, 2017 ~ Oct. 17, 2017
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-1-1709C144) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C			
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6dB Bandwidth	PASS	
15.247(b)(3)	Peak Output Power	PASS	
15.247(e)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	
15.247(d)/ 15.205/ 15.209	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: 854385

BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless Access Point	
Brand Name	Tenda	
Test Model	i9	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps
	Output Power (Max.)	802.11b: 26.53dBm 802.11g: 29.51dBm 802.11n(20MHz): 29.71dBm 802.11n(40MHz): 29.32dBm
PowerSource	1. Supplied from adapter. 2. Supplied from PoE.	
Power Rating	1. DC12V 1A 2. Input:12V --- 1A or PoE	

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)
1	N/A	N/A	Internal	N/A	4.5
2	N/A	N/A	Internal	N/A	4.5

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

4. The worst case for 1TX/ 2TX/ as follow:

Operating Mode TX Mode	1TX	2TX
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)

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 5	Normal Link

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

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

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

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

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

Note:

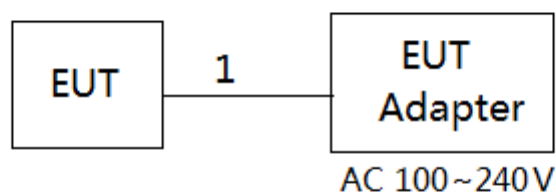
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
 802.11g mode: OFDM (6Mbps)
 802.11n HT20 mode : BPSK (13Mbps)
 802.11n HT40mode : BPSK (27Mbps)
 For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11bis found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	MP_TEST		
Frequency (MHz)	2412	2437	2462
802.11b	38	40	39
802.11g	40	40	40
802.11n (20MHz)	35/42	35/42	35/42
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	39/44	39/44	39/44

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	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	DC 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

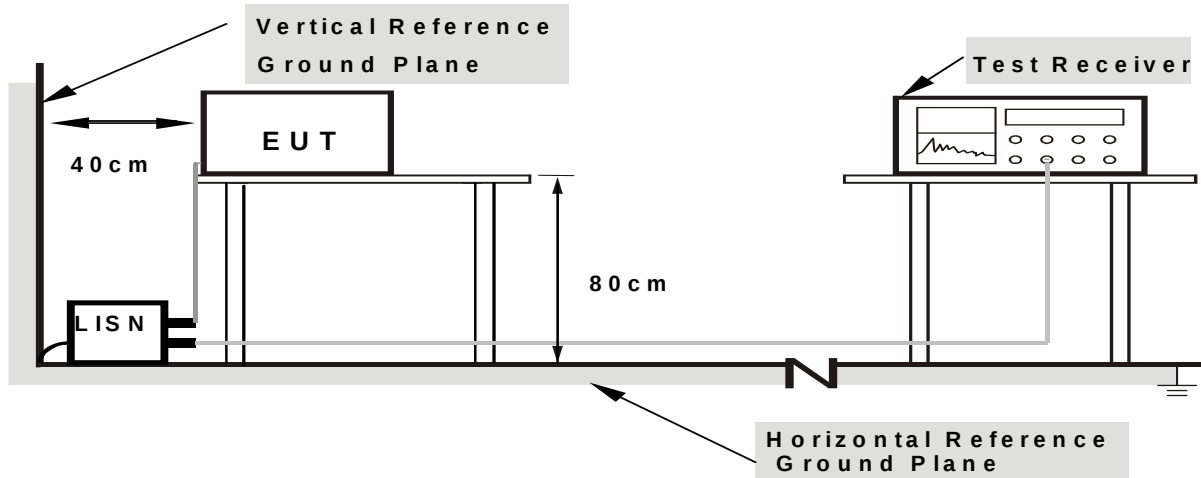
4.1.2 TEST PROCEDURE

- 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 equipment 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 groundplane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TESTSETUP



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

4.1.5EUT OPERATING CONDITIONS

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

4.1.6EUT TEST CONDITIONS

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

4.1.7TEST RESULTS

Please refer to the Appendix A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

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

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

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

4.2.2 TEST PROCEDURE

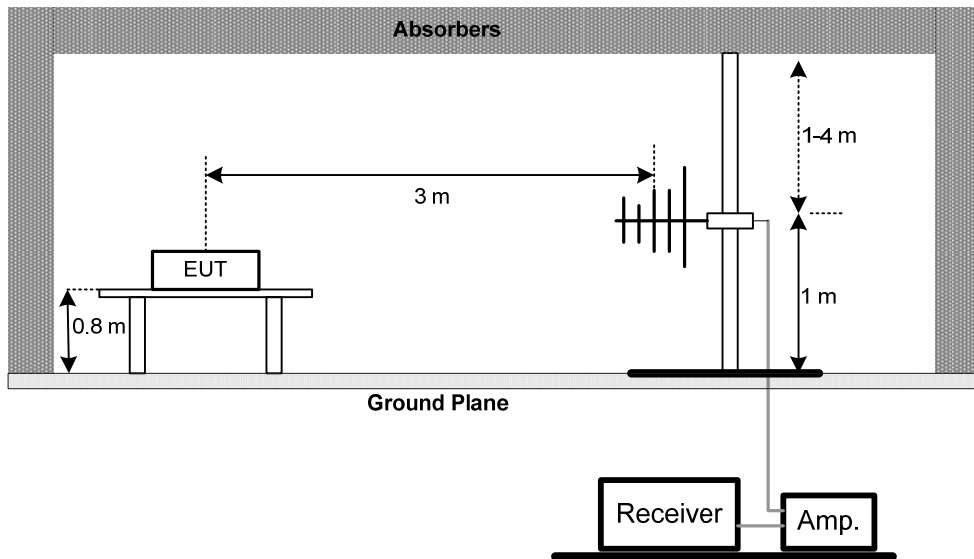
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

4.2.3 DEVIATION FROM TEST STANDARD

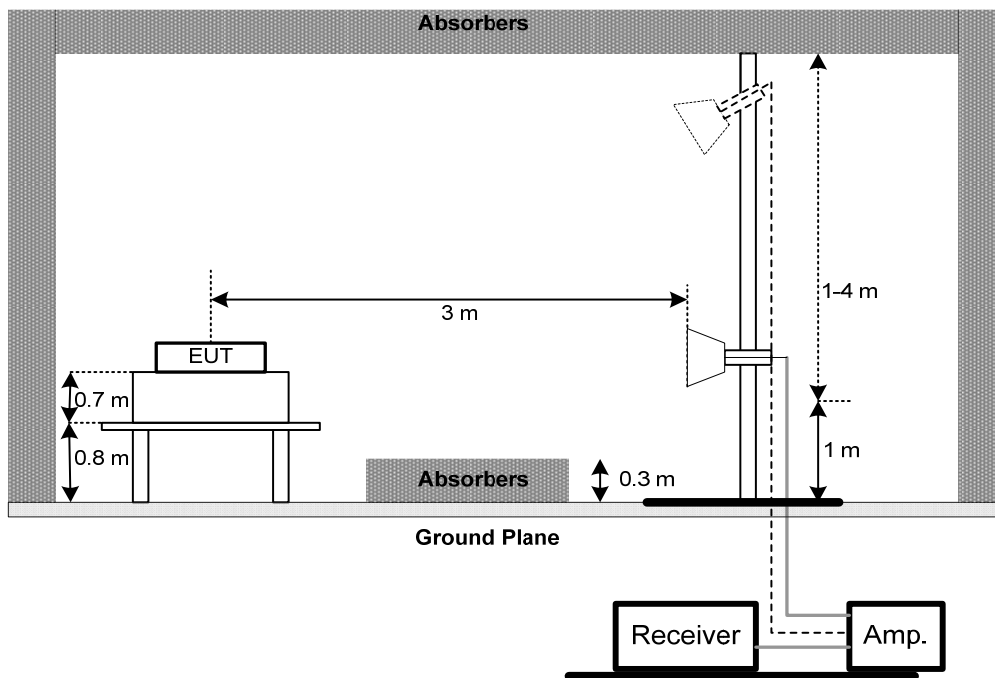
No deviation

4.2.4 TESTSETUP

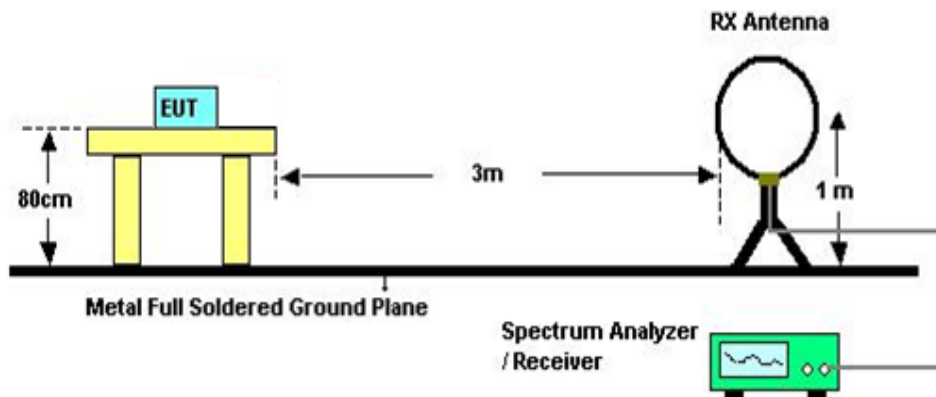
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Appendix 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 1000MHZ)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000MHZ)

Please refer to the Appendix D.

Remark:

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

5.BANDWIDTH TEST

5.1APPLIED PROCEDURES

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

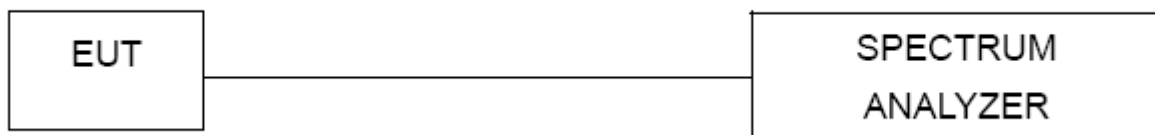
5.1.1TEST PROCEDURE

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

5.1.2DEVIATION FROM STANDARD

No deviation.

5.1.3TEST SETUP



5.1.4EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5EUT TEST CONDITIONS

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

5.1.6TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074D01 DTS Meas Guidance and FCC KDB 662911 D01 Multiple Transmitter Output.

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 Appendix F.

7.ANTENNA CONDUCTED SPURIOUS EMISSION

7.1APPLIED PROCEDURES / LIMIT

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

7.1.1TEST PROCEDURE

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

7.1.2DEVIATION FROM STANDARD

No deviation.

7.1.3TEST SETUP



7.1.4EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5EUT TEST CONDITIONS

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

7.1.6TEST RESULTS

Please refer to the Appendix G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	Cable	N/A	RG223	12m	Oct. 20, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Oct. 20, 2017
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	May. 16, 2018
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Antenna	EM	EM-6876-1	230	Jul. 07, 2018
7	Controller	CT	SC100	N/A	N/A
8	Controller	MF	MF-7802	MF780208416	N/A
9	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6dB Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	Aug. 20, 2018

Peak Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 26, 2018
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 26, 2018

Antenna Conducted Spurious Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	Aug. 20, 2018

Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	Aug. 20, 2018

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



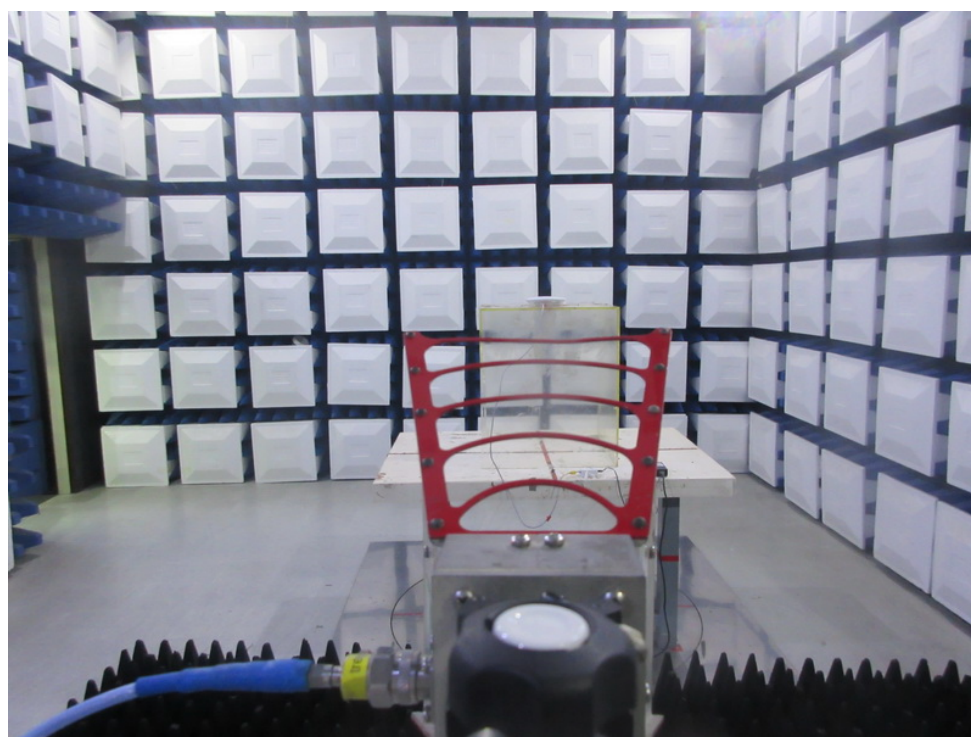
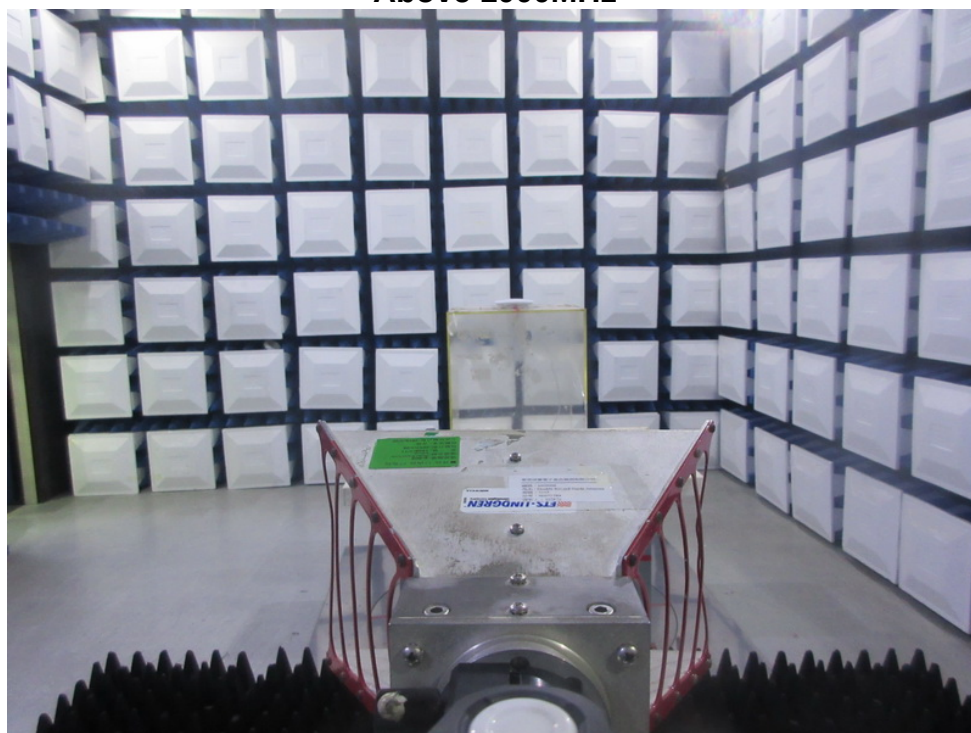
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

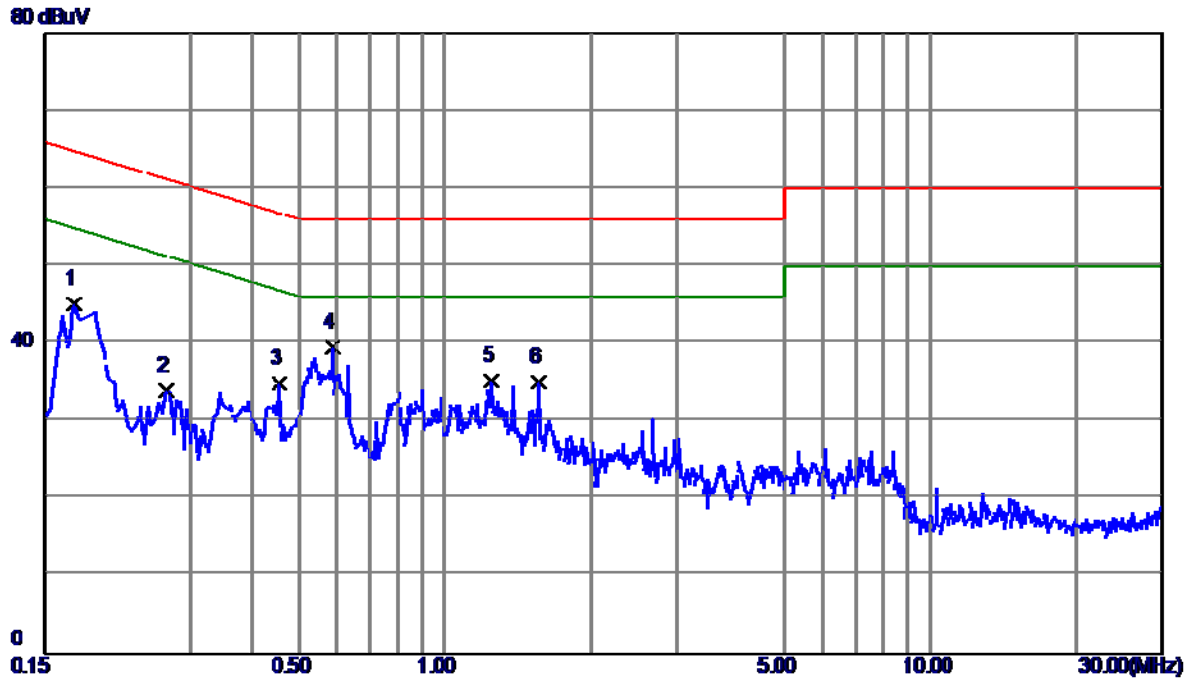
Above 1000MHz



APPENDIXA -CONDUCTED EMISSION

Test Mode : Normal Link

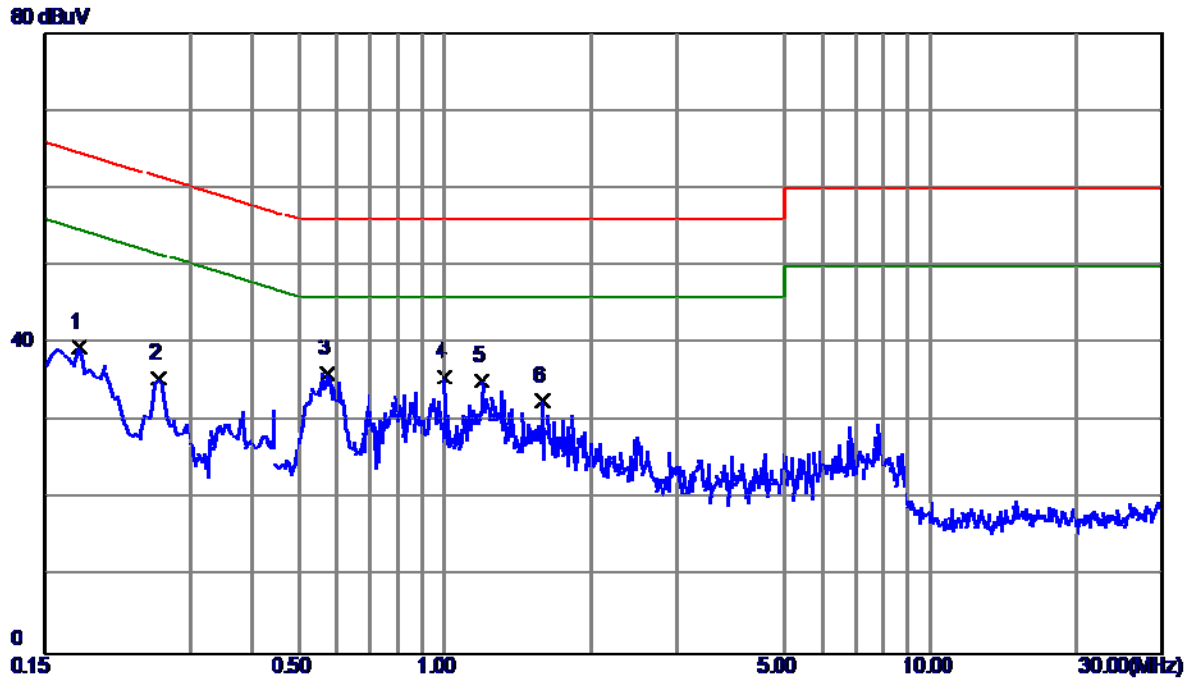
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1725	35.37	9.74	45.11	64.84	-19.73	Peak	
2	0.2670	24.13	9.72	33.85	61.21	-27.36	Peak	
3	0.4560	25.10	9.75	34.85	56.77	-21.92	Peak	
4 *	0.5865	29.69	9.76	39.45	56.00	-16.55	Peak	
5	1.2525	25.47	9.80	35.27	56.00	20.73	Peak	
6	1.5585	25.21	9.81	35.02	56.00	-20.98	Peak	

Test Mode : Normal Link

Neutral

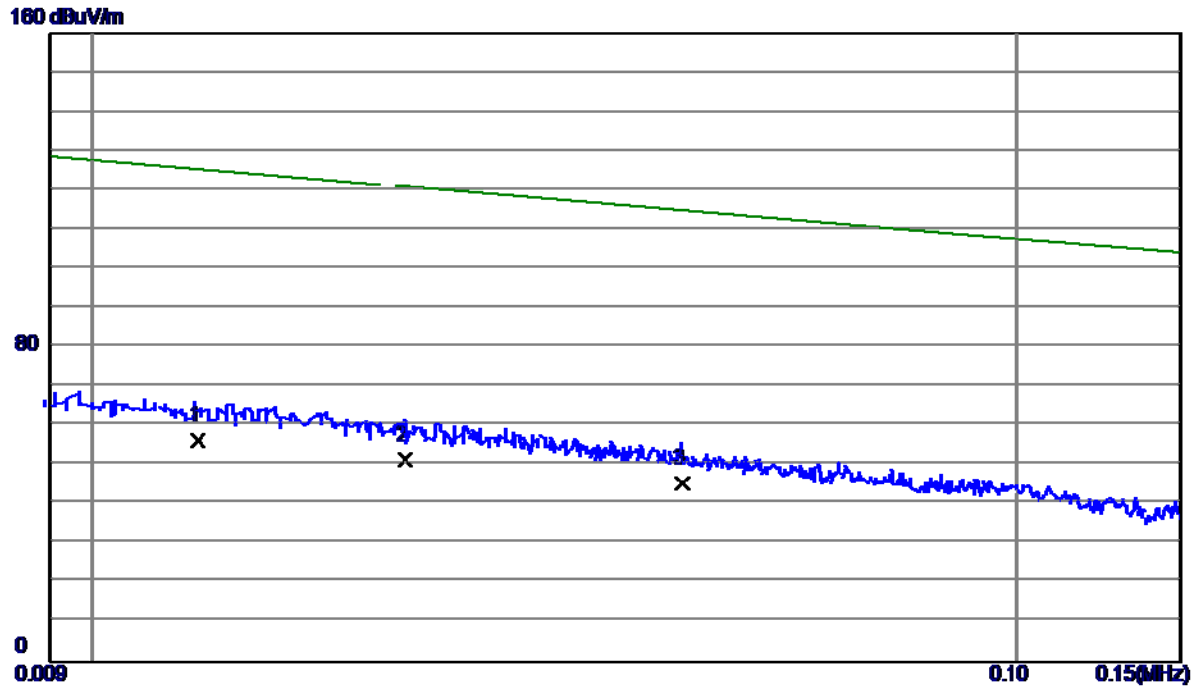


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1770	29.82	9.64	39.46	64.63	-25.17	Peak	
2	0.2580	25.90	9.63	35.53	61.50	-25.97	Peak	
3 *	0.5730	26.55	9.66	36.21	56.00	-19.79	Peak	
4	1.0005	26.06	9.68	35.74	56.00	-20.26	Peak	
5	1.1940	25.53	9.68	35.21	56.00	20.79	Peak	
6	1.5900	22.94	9.70	32.64	56.00	-23.36	Peak	

APPENDIXB -RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX B MODE CHANNEL 01

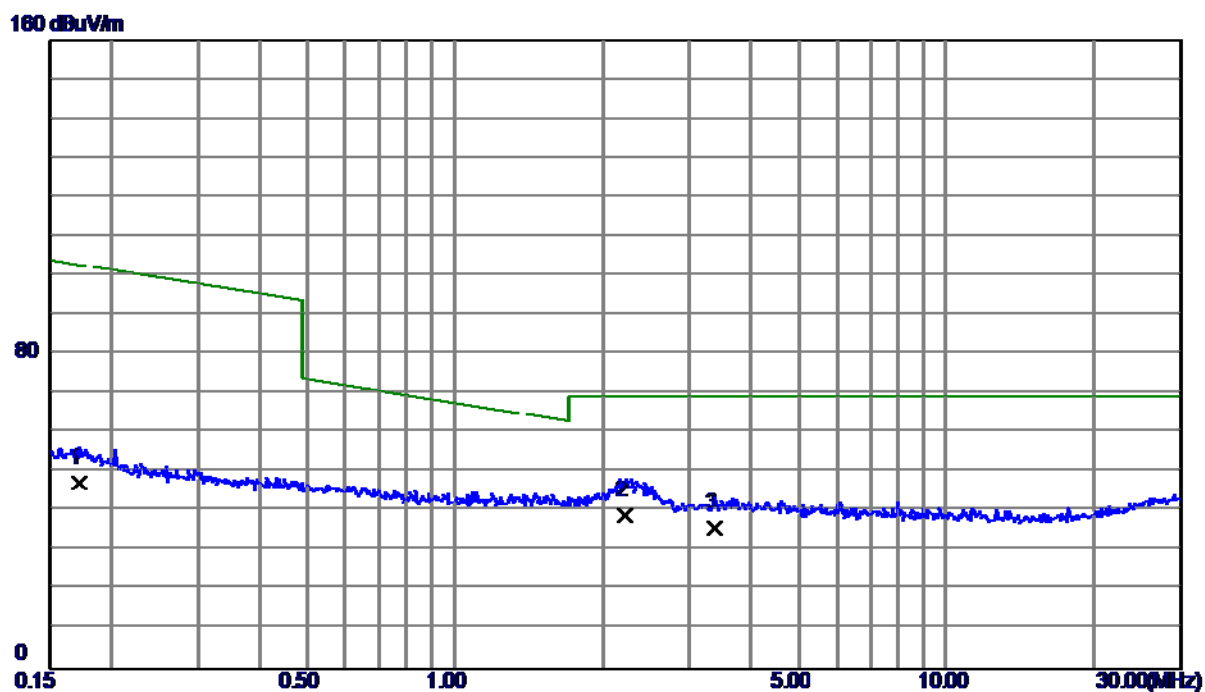
Ant 0°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	0.0130	35.86	20.53	56.39	127.51	-71.12	AVG	
2	0.0218	31.79	19.57	51.36	125.33	-73.97	AVG	
3	0.0435	26.65	18.92	45.57	119.98	-74.41	AVG	

Test Mode: TX B MODE CHANNEL 01

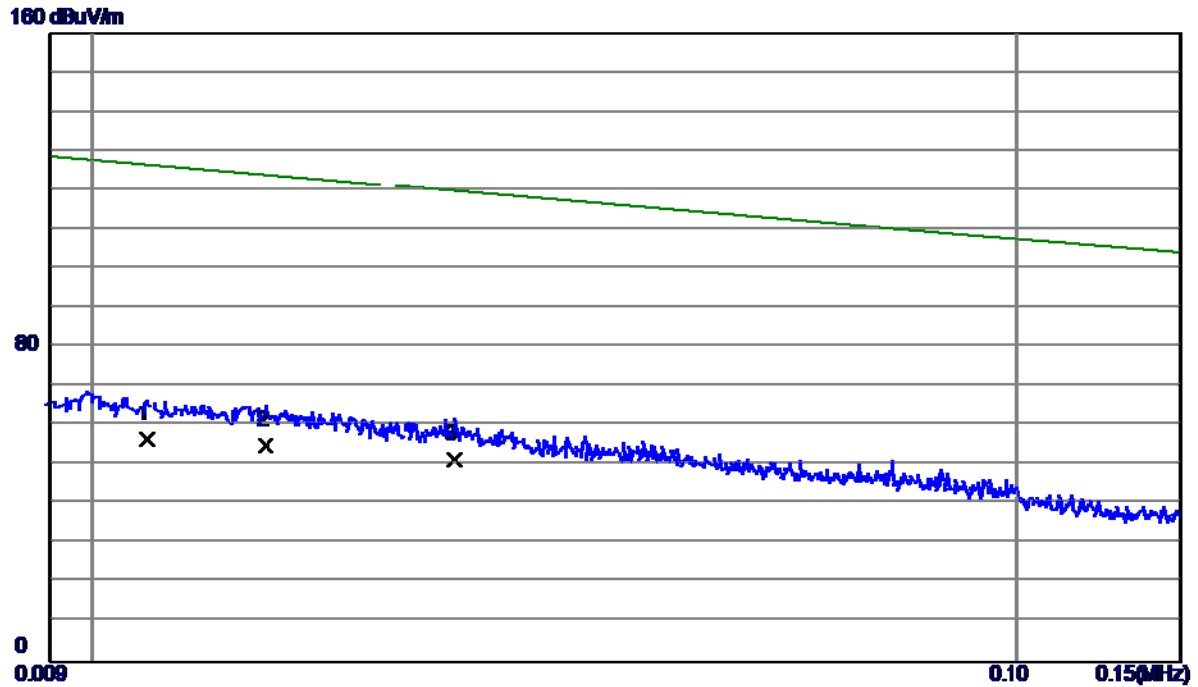
Ant 0°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.1730	30.54	16.88	47.42	104.63	-57.21	AVG	
2 *	2.2250	23.63	15.45	39.08	69.54	-30.46	QP	
3	3.3814	20.77	15.12	35.89	69.54	-33.65	QP	

Test Mode: TX B MODE CHANNEL 01

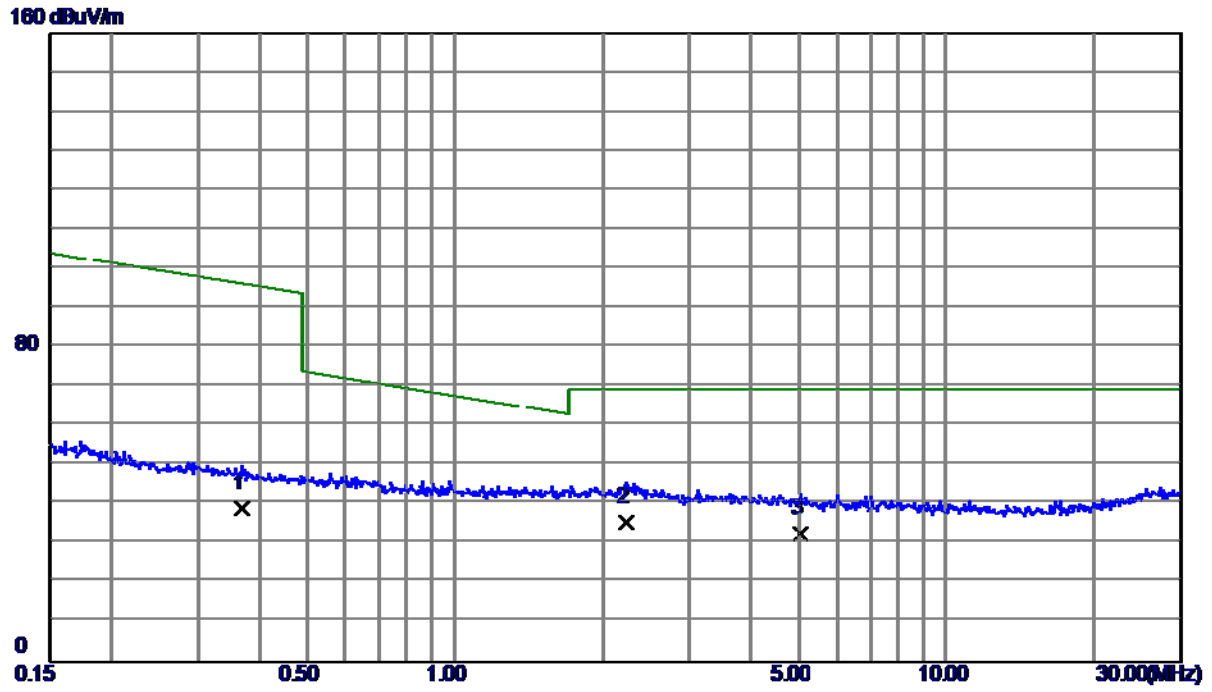
Ant 90°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	0.0115	35.94	20.73	56.67	127.88	-71.21	AVG	
2	0.0154	34.97	20.22	55.19	126.92	-71.73	AVG	
3	0.0246	32.13	19.48	51.61	124.64	-73.03	AVG	

Test Mode: TX B MODE CHANNEL 01

Ant 90°



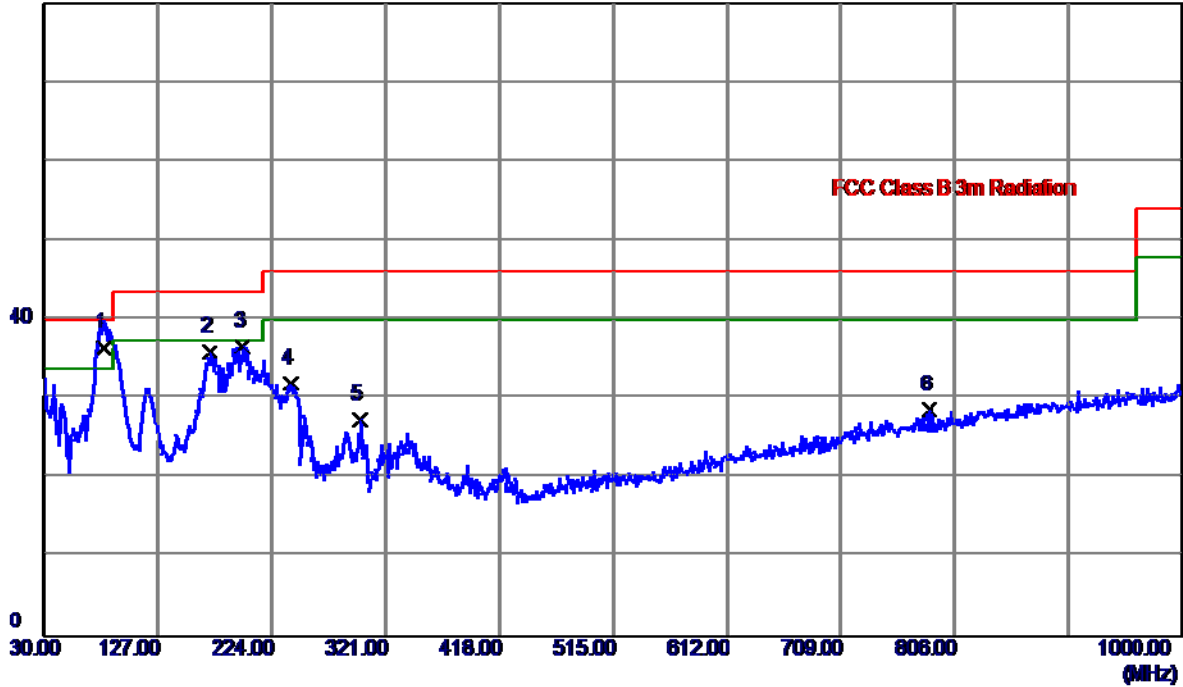
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.3692	22.46	16.57	39.03	97.92	-58.89	AVG	
2 *	2.2367	20.07	15.44	35.51	69.54	-34.03	QP	
3	5.0312	18.15	14.37	32.52	69.54	-37.02	QP	

APPENDIXC -RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Mode: TX B MODE CHANNEL 01

Vertical

80 dBuV/m

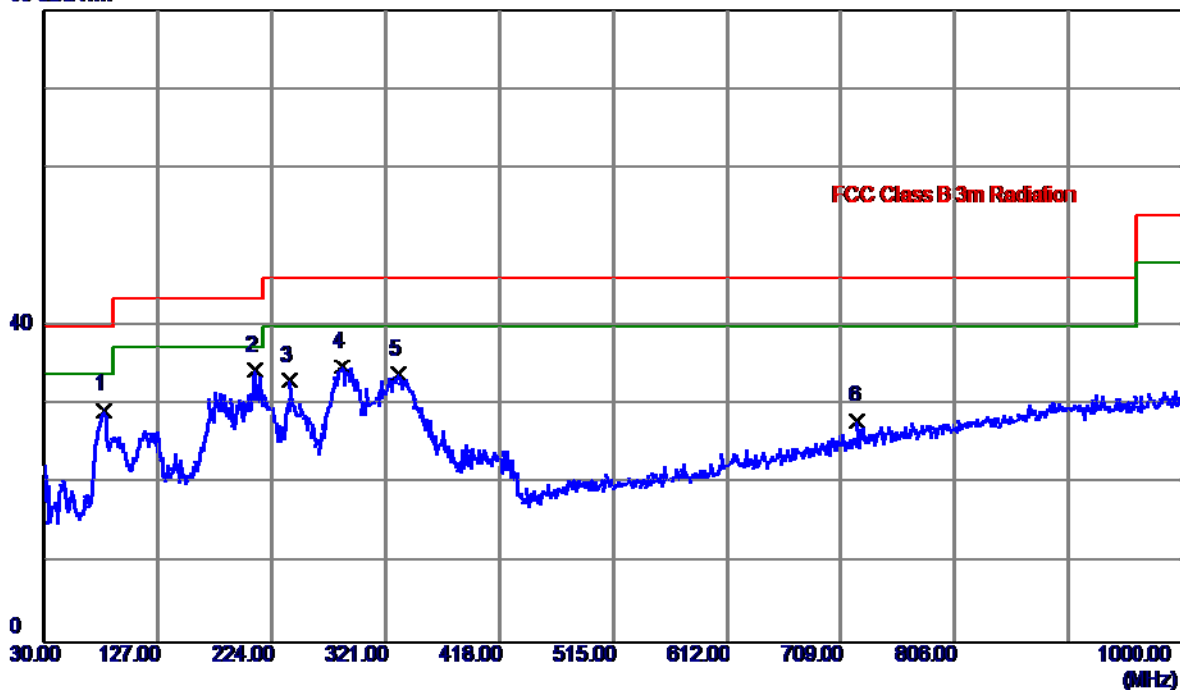


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	80.4400	54.72	-18.25	36.47	40.00	-3.53	QP	
2	171.6200	48.35	-12.29	36.06	43.50	-7.44	Peak	
3	199.7500	50.42	-13.73	36.69	43.50	-6.81	Peak	
4	240.4900	46.43	-14.38	32.05	46.00	-13.95	Peak	
5	299.6600	40.22	-12.88	27.34	46.00	-18.66	Peak	
6	784.6599	30.30	-1.69	28.61	46.00	-17.39	Peak	

Test Mode: TX B MODE CHANNEL 01

Horizontal

80 dBuV/m

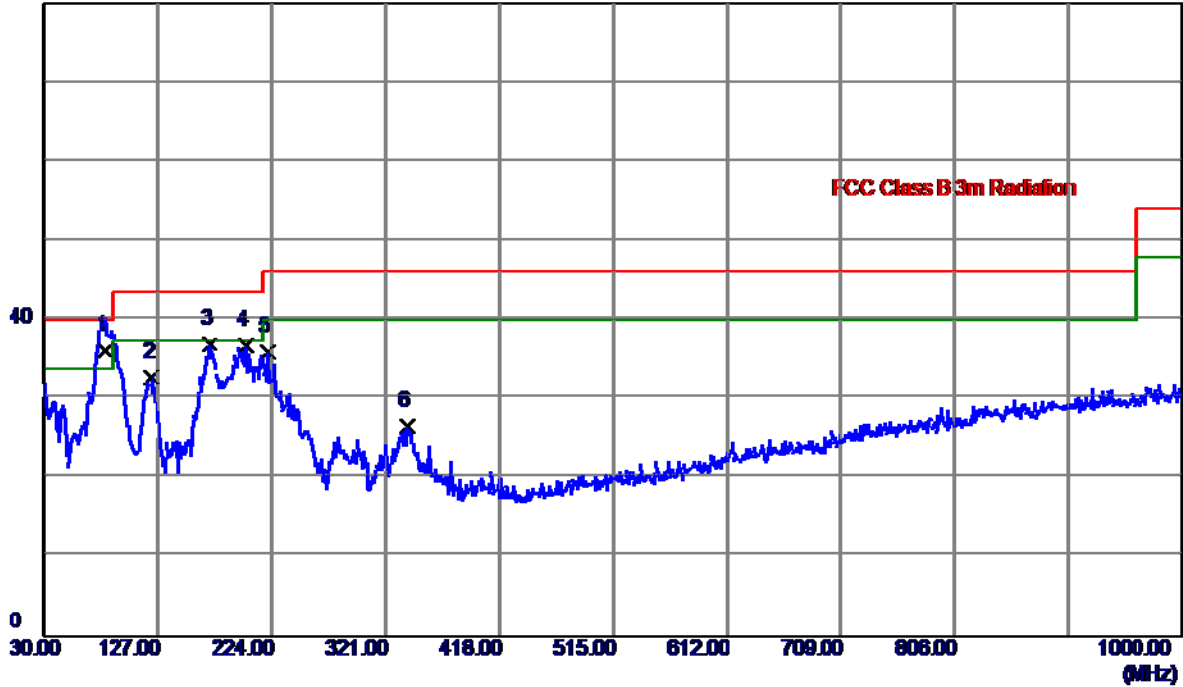


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	80.4400	47.61	-18.25	29.36	40.00	-10.64	Peak	
2 *	210.4200	48.30	-13.97	34.33	43.50	-9.17	Peak	
3	239.5200	47.51	-14.35	33.16	46.00	-12.84	Peak	
4	284.1400	49.42	-14.54	34.88	46.00	-11.12	Peak	
5	331.6700	46.20	-12.28	33.92	46.00	-12.08	Peak	
6	723.5500	31.26	-3.24	28.02	46.00	-17.98	Peak	

Test Mode: TX B MODE CHANNEL 06

Vertical

80 dBuV/m

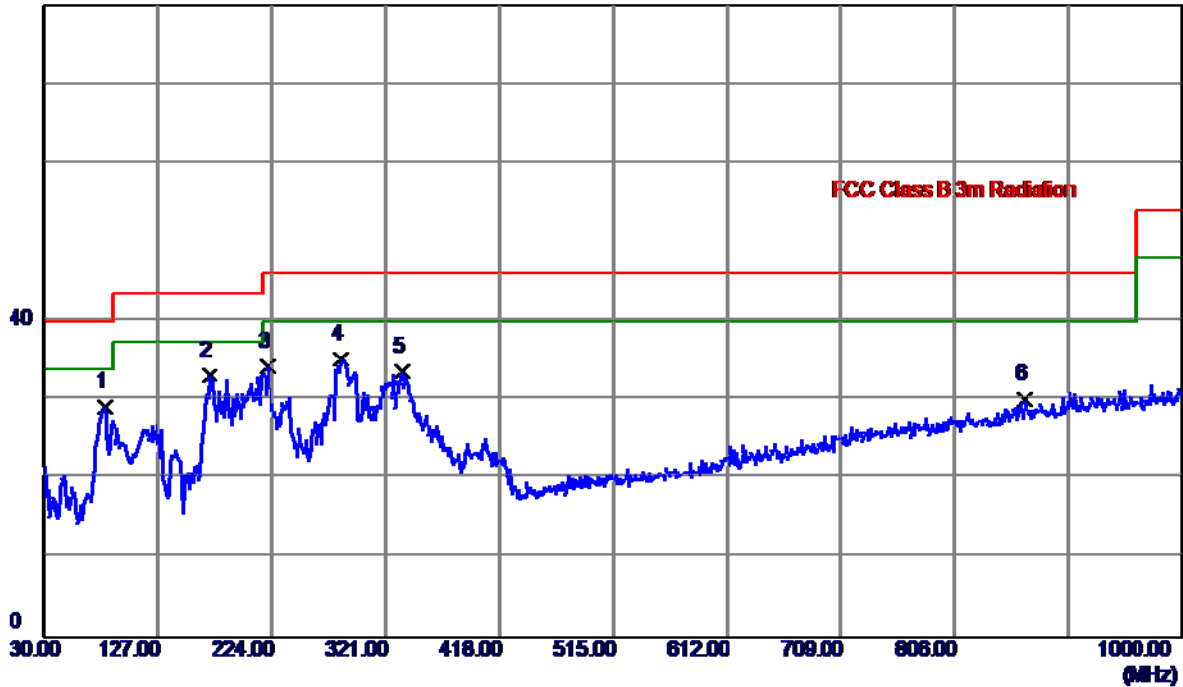


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	81.4100	54.50	-18.28	36.22	40.00	-3.78	QP	
2	122.1500	48.10	-15.25	32.85	43.50	-10.65	Peak	
3	171.6200	49.20	-12.29	36.91	43.50	-6.59	Peak	
4	202.6600	50.64	-13.81	36.83	43.50	-6.67	Peak	
5	221.0900	49.97	-13.93	36.04	46.00	-9.96	Peak	
6	339.4300	38.66	-12.14	26.52	46.00	-19.48	Peak	

Test Mode: TX B MODE CHANNEL 06

Horizontal

80 dBuV/m

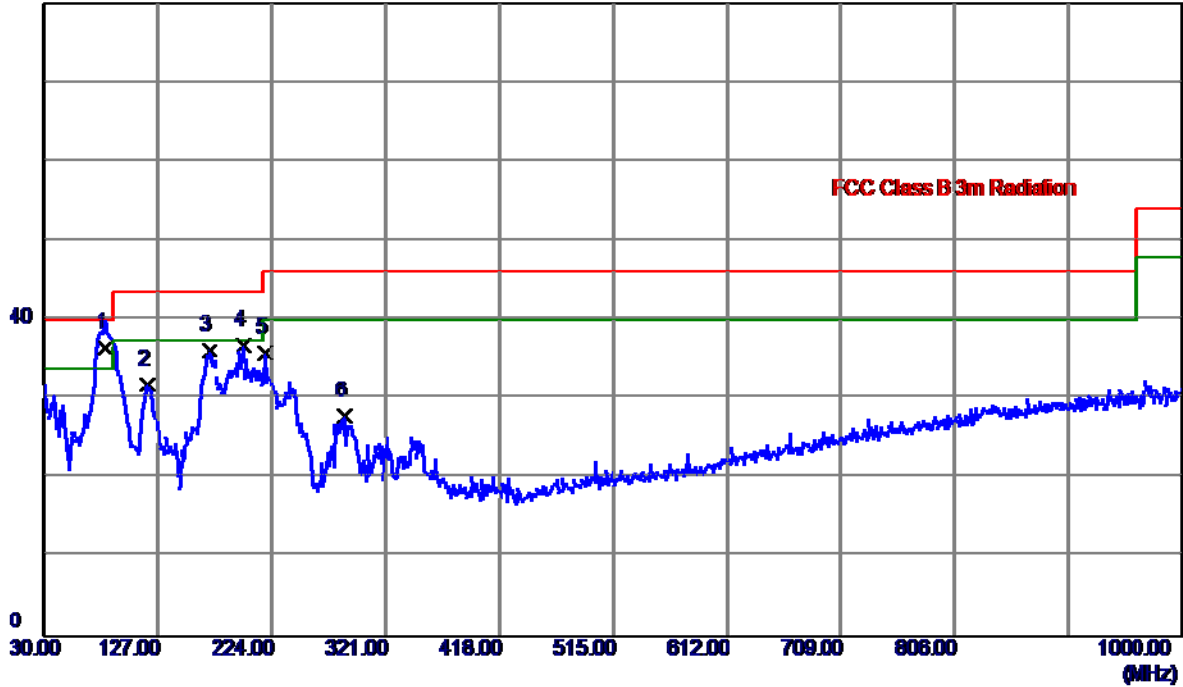


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	81.4100	47.45	-18.28	29.17	40.00	-10.83	Peak	
2 *	170.6500	45.46	-12.32	33.14	43.50	-10.36	Peak	
3	221.0900	48.16	-13.93	34.23	46.00	-11.77	Peak	
4	283.1700	49.74	-14.59	35.15	46.00	-10.85	Peak	
5	334.5799	45.82	-12.22	33.60	46.00	-12.40	Peak	
6	865.1700	29.77	0.31	30.08	46.00	-15.92	Peak	

Test Mode: TX B MODE CHANNEL 11

Vertical

80 dBuV/m

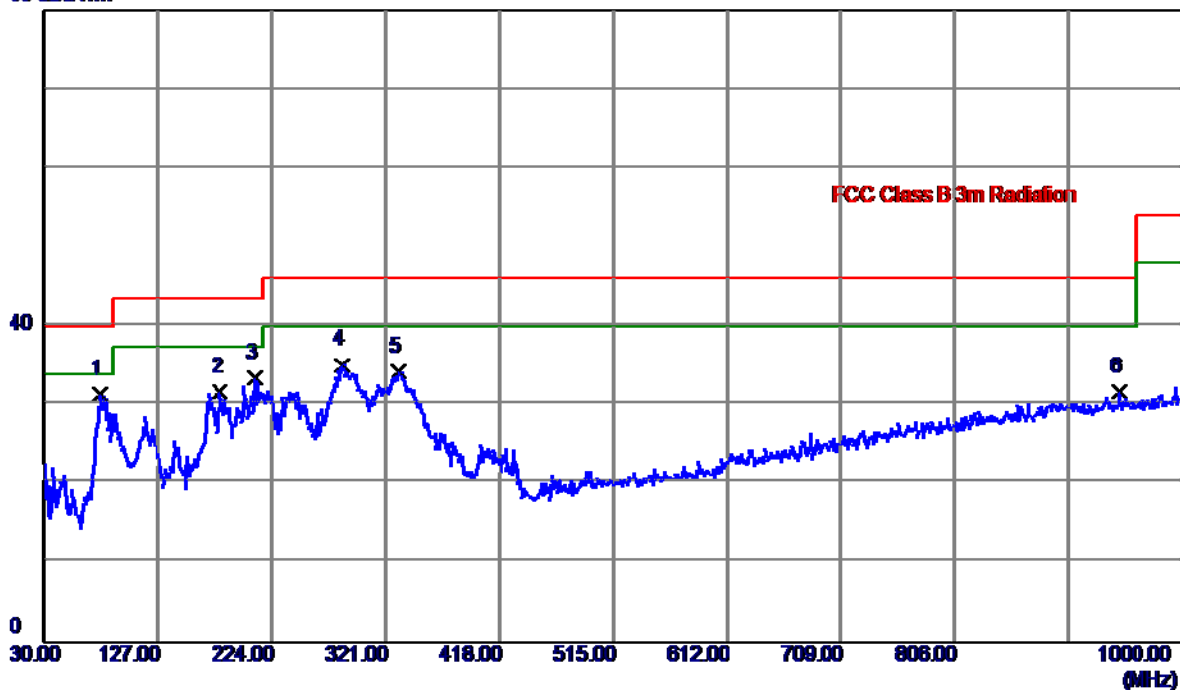


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	81.4100	54.69	-18.28	36.41	40.00	-3.59	QP	
2	118.2700	47.36	-15.53	31.83	43.50	-11.67	Peak	
3	170.6500	48.53	-12.32	36.21	43.50	-7.29	Peak	
4	200.7200	50.63	-13.77	36.86	43.50	-6.64	Peak	
5	218.1800	49.73	-13.92	35.81	46.00	-10.19	Peak	
6	286.0799	42.31	-14.42	27.89	46.00	-18.11	Peak	

Test Mode: TX B MODE CHANNEL 11

Horizontal

80 dBuV/m

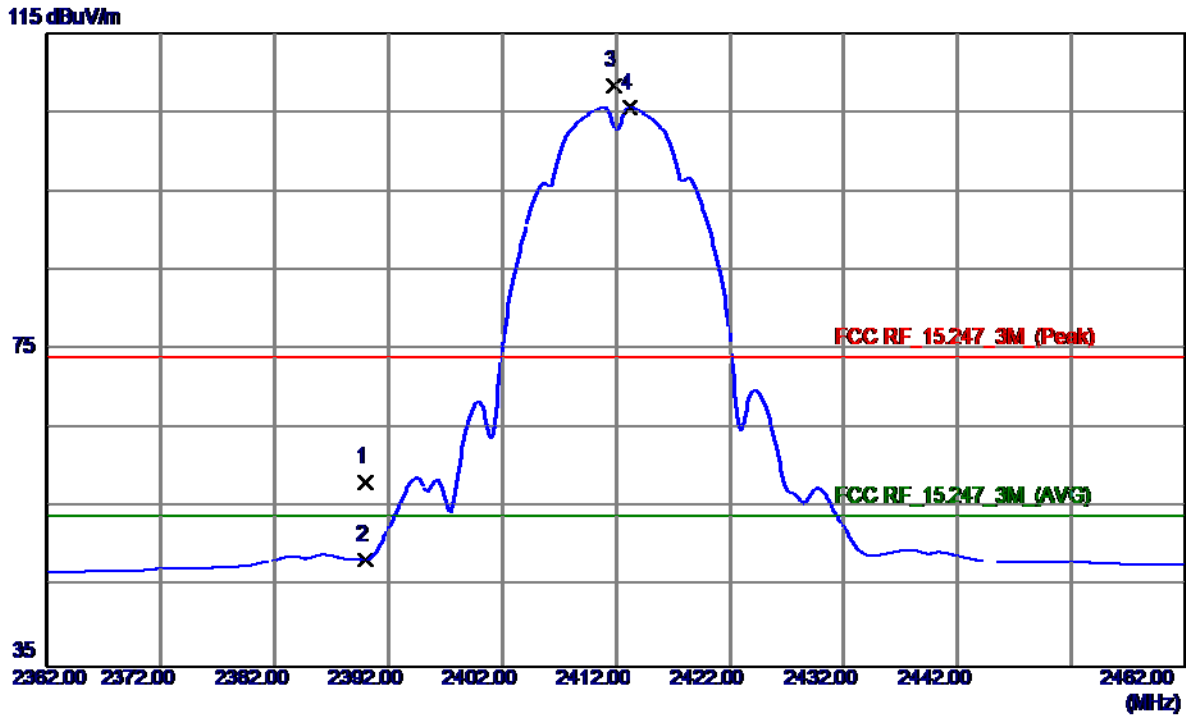


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	77.5300	49.01	-17.67	31.34	40.00	-8.66	Peak	
2	180.3500	43.75	-12.07	31.68	43.50	-11.82	Peak	
3	210.4200	47.47	-13.97	33.50	43.50	-10.00	Peak	
4	284.1400	49.66	-14.54	35.12	46.00	-10.88	Peak	
5	331.6700	46.52	-12.28	34.24	46.00	-11.76	Peak	
6	945.6800	29.72	1.91	31.63	46.00	-14.37	Peak	

APPENDIXD -RADIATED EMISSION (ABOVE 1000MHZ)

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

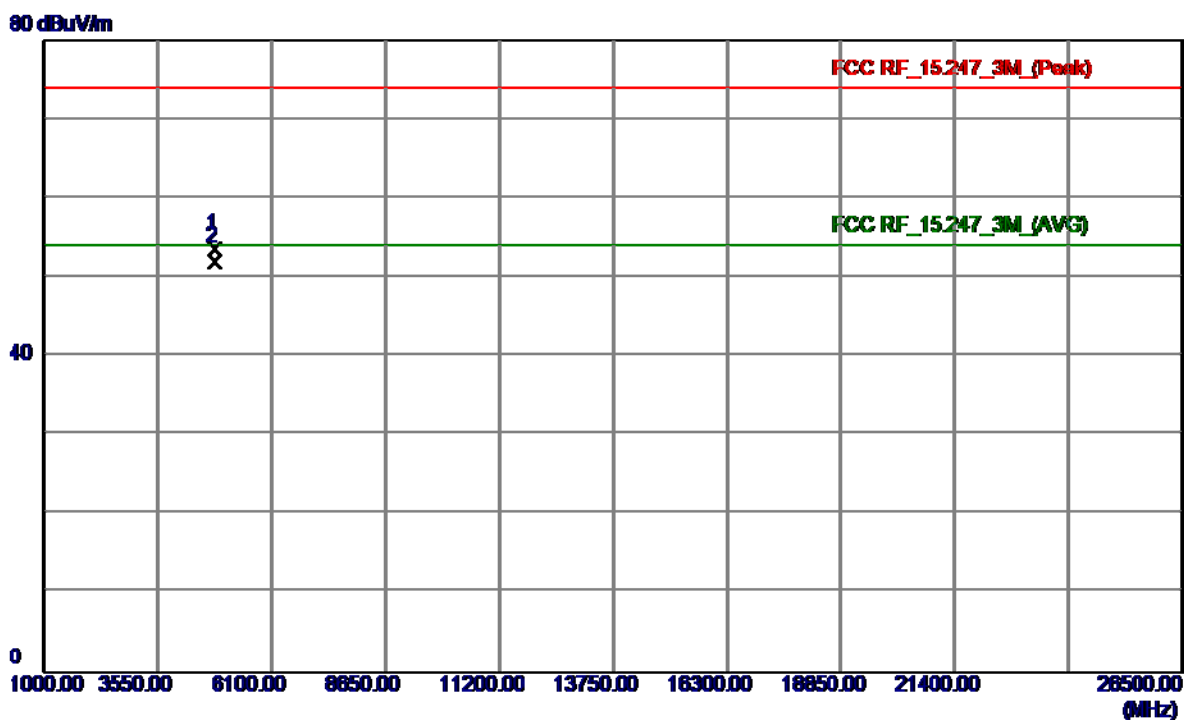
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	25.10	33.06	58.16	74.00	-15.84	Peak	
2	2390.0000	15.44	33.06	48.50	54.00	-5.50	AVG	
3	2411.8000	75.31	33.14	108.45	74.00	34.45	Peak	No Limit
4 *	2413.2000	72.48	33.14	105.62	54.00	51.62	AVG	No Limit

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

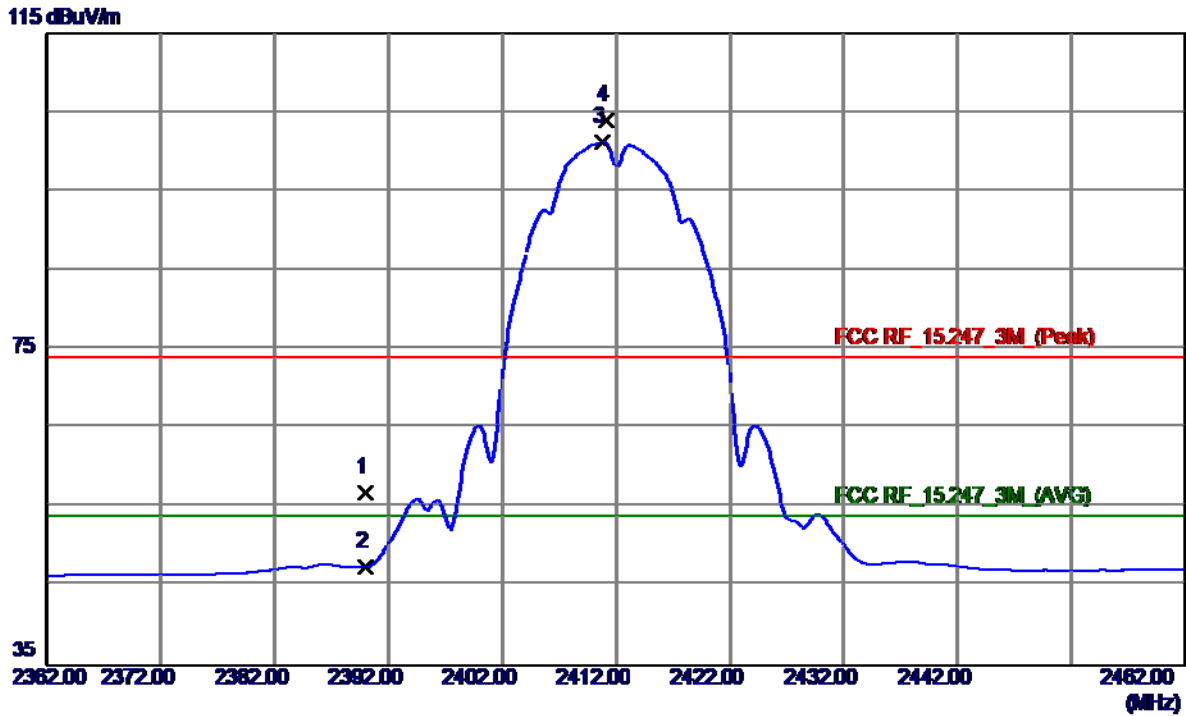
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.8840	47.22	6.32	53.54	74.00	-20.46	Peak	
2 *	4823.8960	45.63	6.32	51.95	54.00	-2.05	AVG	

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

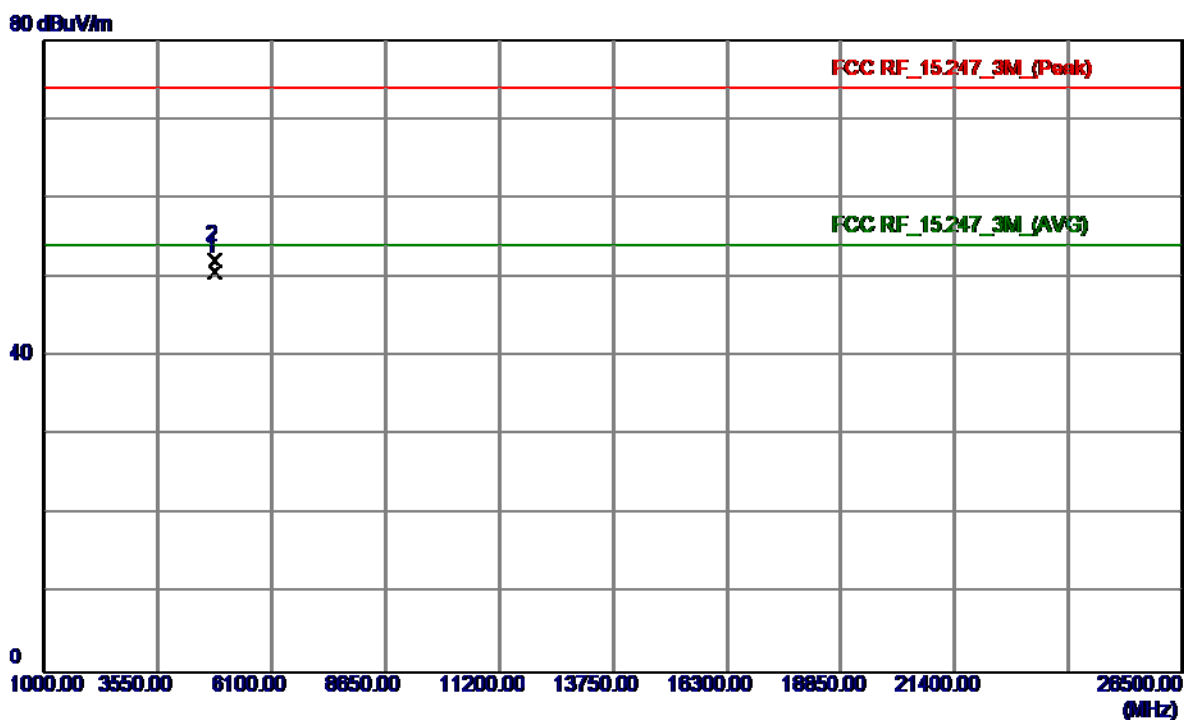
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.87	33.06	56.93	74.00	-17.07	Peak	
2	2390.0000	14.37	33.06	47.43	54.00	-6.57	AVG	
3 *	2410.8000	68.14	33.13	101.27	54.00	47.27	AVG	No Limit
4	2411.1000	70.78	33.14	103.92	74.00	29.92	Peak	No Limit

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

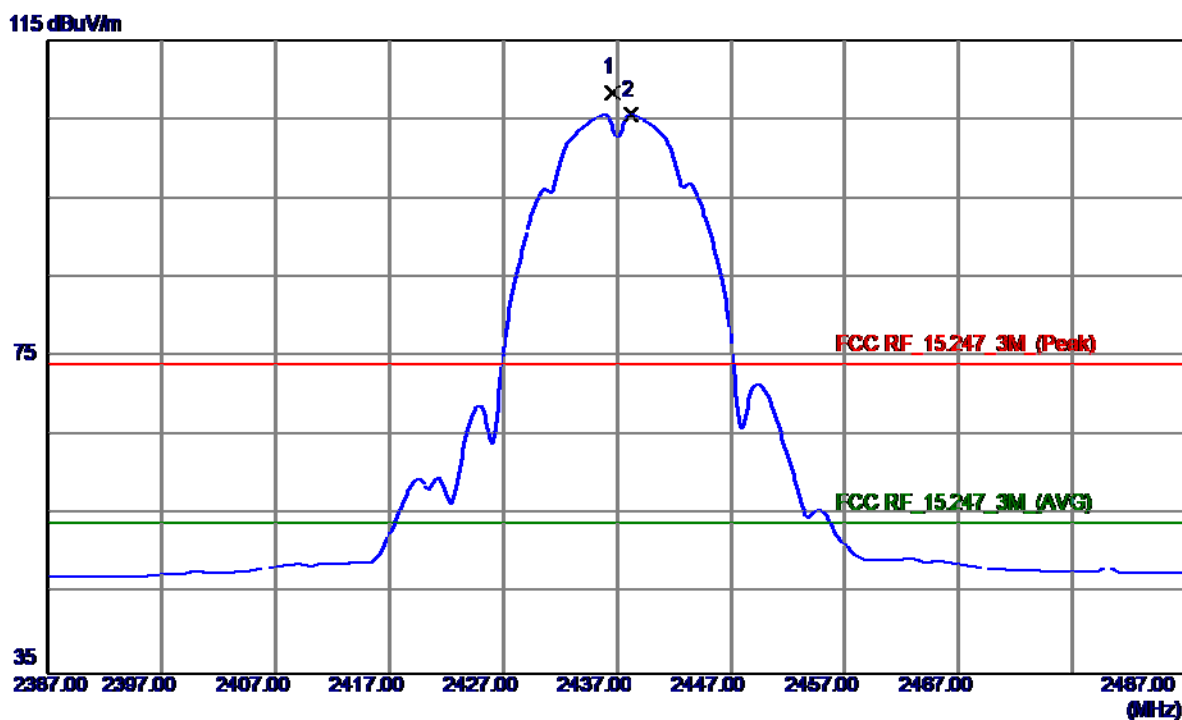
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.9000	44.44	6.32	50.76	54.00	-3.24	AVG	
2	4823.9380	45.88	6.32	52.20	74.00	-21.80	Peak	

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

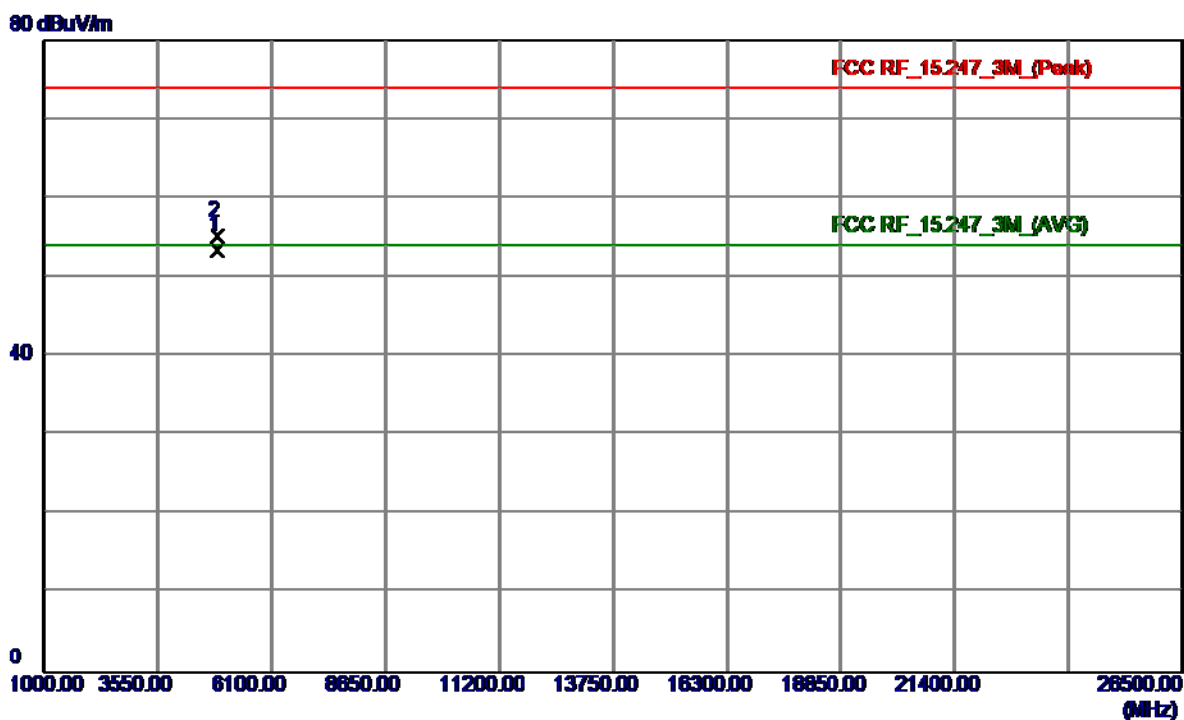
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2436.6000	75.17	33.23	108.40	74.00	34.40	Peak	No Limit
2 *	2438.2000	72.35	33.24	105.59	54.00	51.59	AVG	No Limit

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

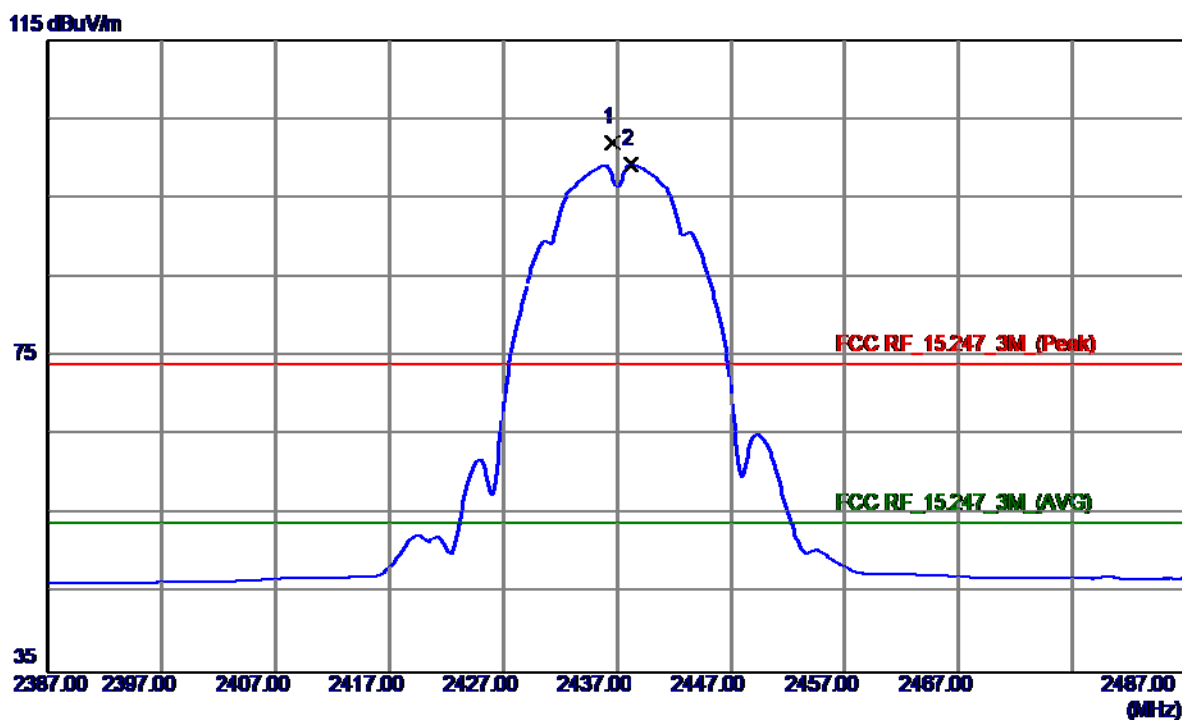
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.9040	47.07	6.44	53.51	54.00	-0.49	AVG	
2	4873.9300	48.80	6.44	55.24	74.00	-18.76	Peak	

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

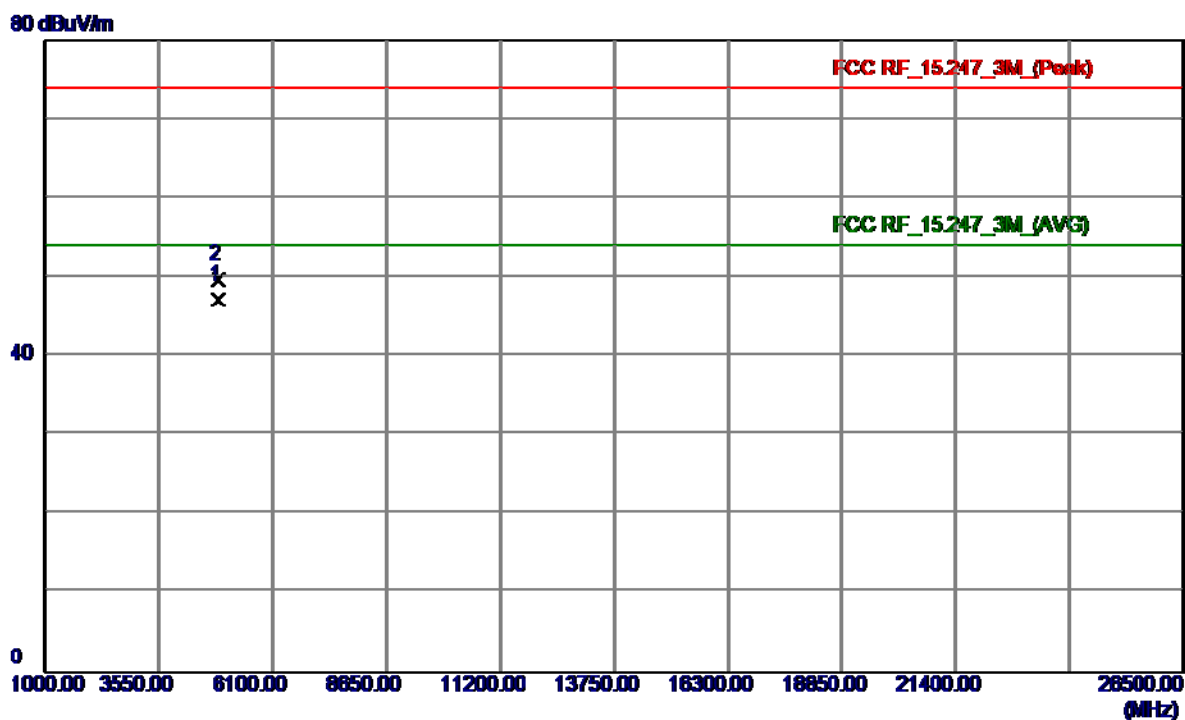
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2436.6000	68.84	33.23	102.07	74.00	28.07	Peak	No Limit
2 *	2438.2000	66.11	33.24	99.35	54.00	45.35	AVG	No Limit

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

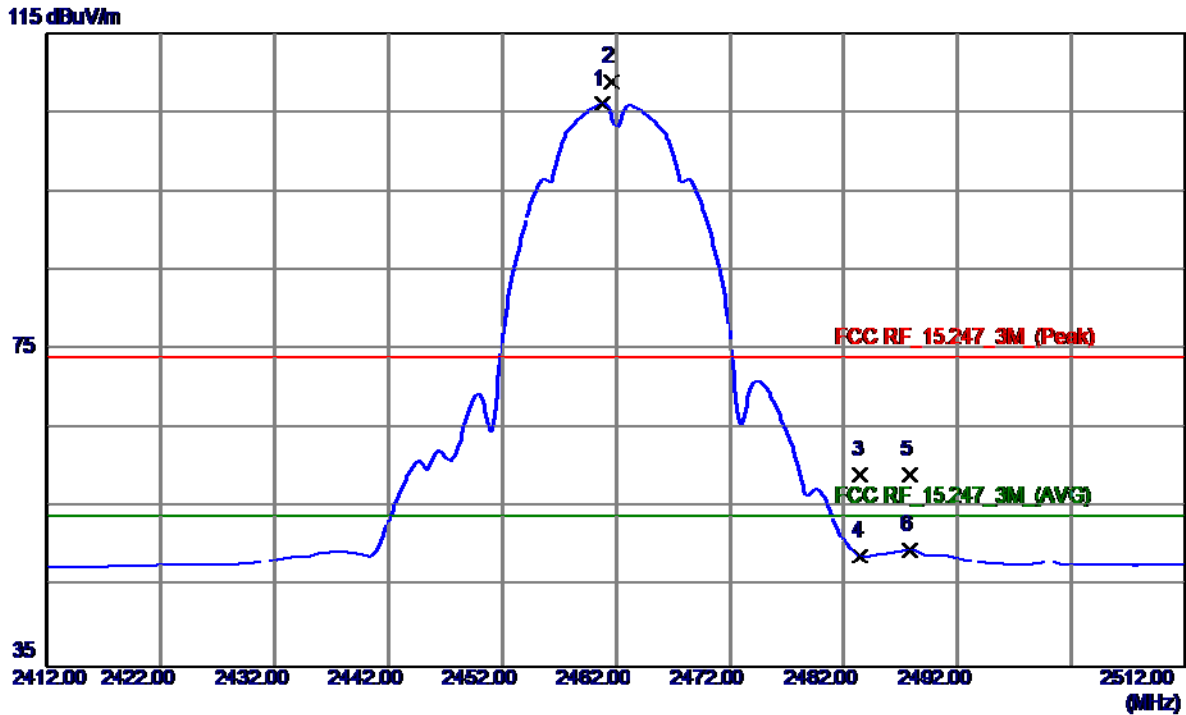
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.8660	40.82	6.44	47.26	54.00	-6.74	AVG	
2	4873.9380	43.28	6.44	49.72	74.00	-24.28	Peak	

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

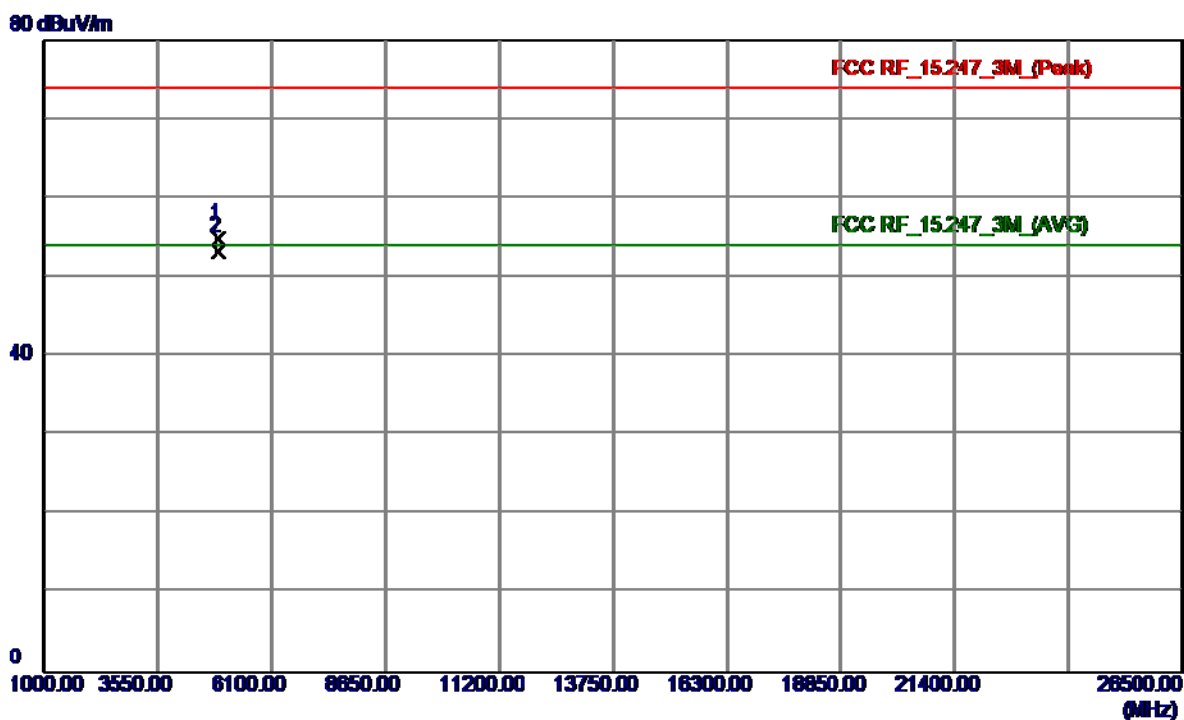
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.8000	72.74	33.32	106.06	54.00	52.06	AVG	No Limit
2	2461.6000	75.62	33.33	108.95	74.00	34.95	Peak	No Limit
3	2483.5000	25.68	33.41	59.09	74.00	-14.91	Peak	
4	2483.5000	15.56	33.41	48.97	54.00	-5.03	AVG	
5	2487.8000	25.72	33.42	59.14	74.00	-14.86	Peak	
6	2487.8000	16.32	33.42	49.74	54.00	-4.26	AVG	

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

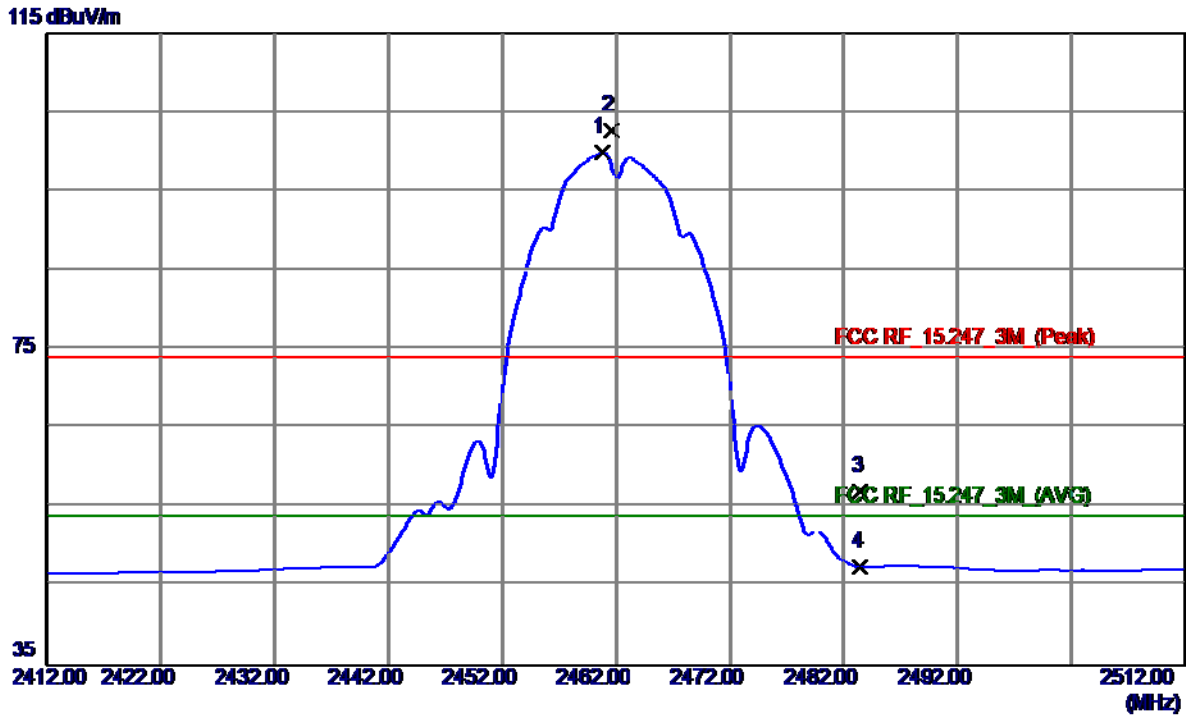
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.8820	48.29	6.57	54.86	74.00	-19.14	Peak	
2 *	4923.8860	46.69	6.57	53.26	54.00	-0.74	AVG	

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

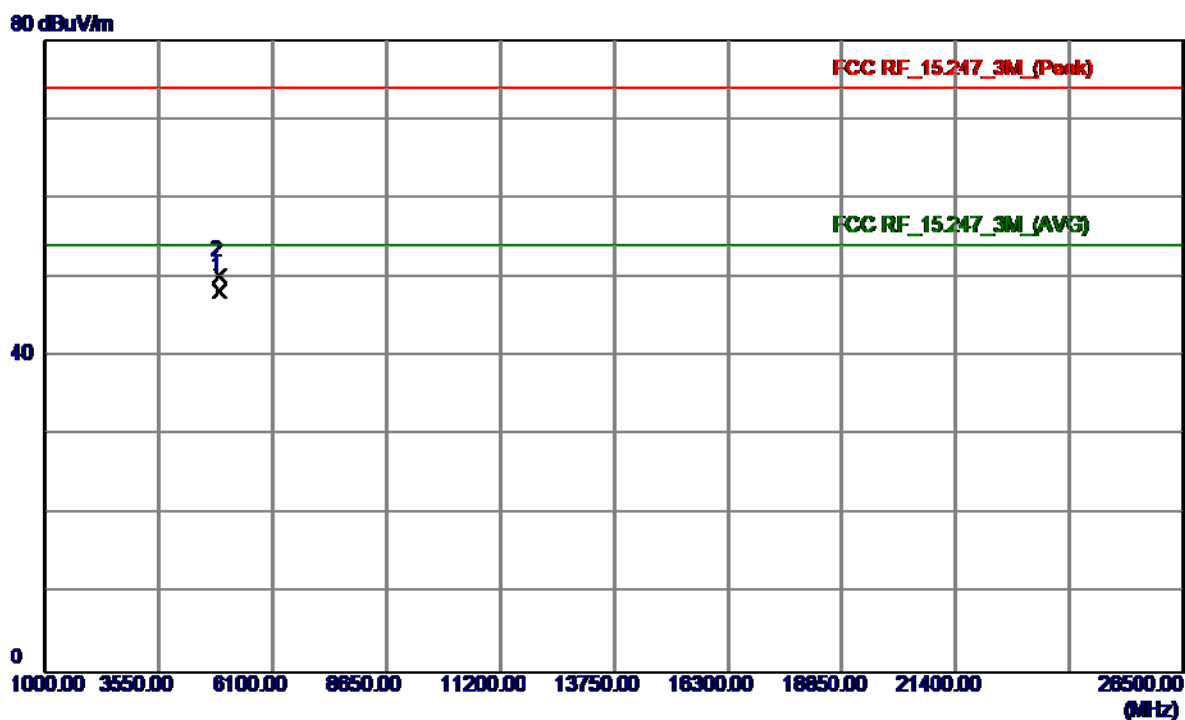
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.8000	66.57	33.32	99.89	54.00	45.89	AVG	No Limit
2	2461.6000	69.29	33.33	102.62	74.00	28.62	Peak	No Limit
3	2483.5000	23.72	33.41	57.13	74.00	-16.87	Peak	
4	2483.5000	14.04	33.41	47.45	54.00	-6.55	AVG	

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

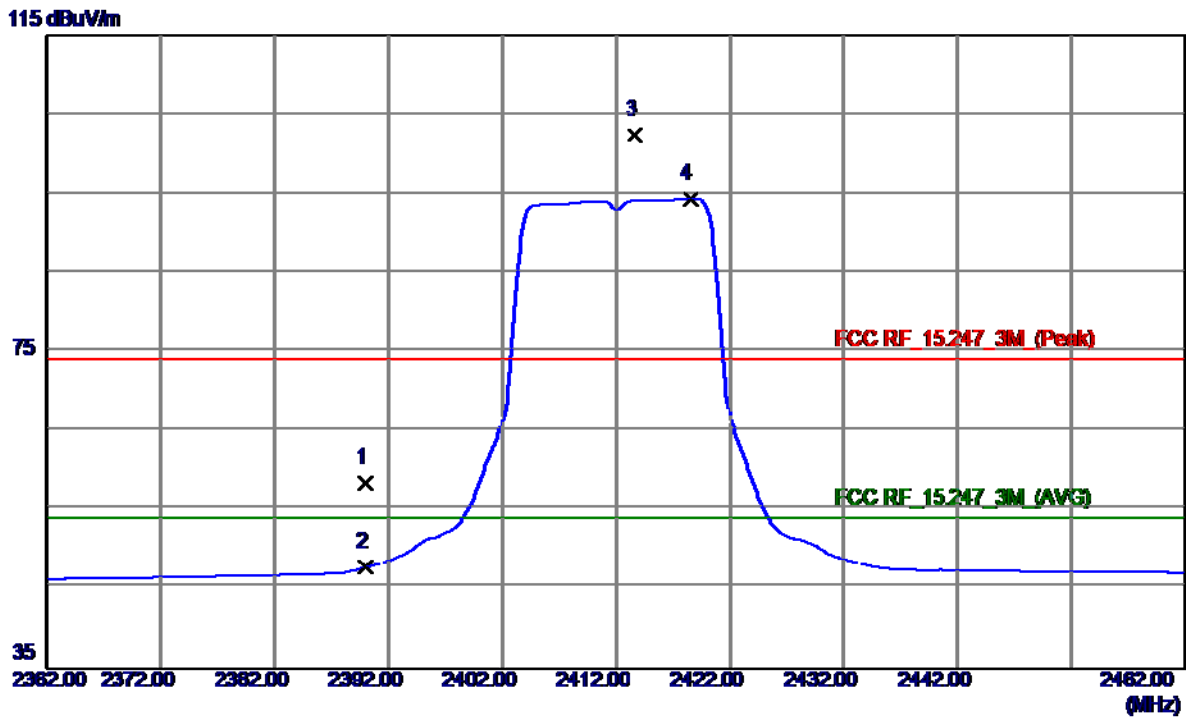
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.8720	41.69	6.57	48.26	54.00	-5.74	AVG	
2	4923.9120	43.71	6.57	50.28	74.00	-23.72	Peak	

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

Vertical

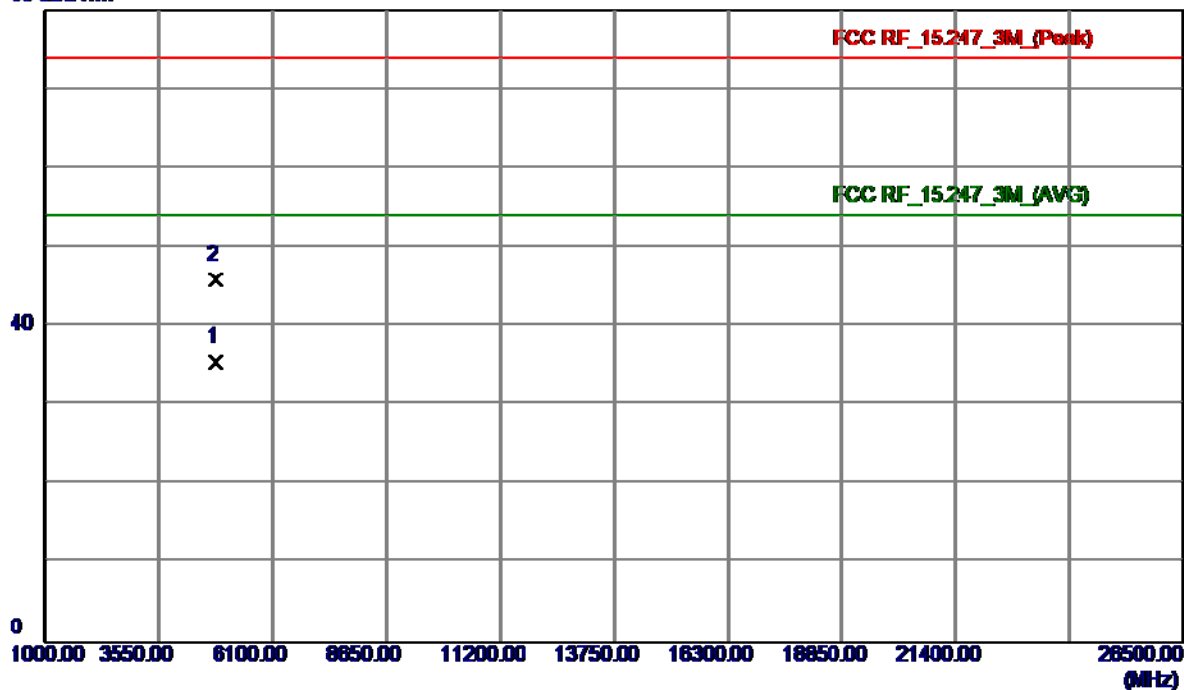


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	25.35	33.06	58.41	74.00	-15.59	Peak	
2	2390.0000	14.68	33.06	47.74	54.00	-6.26	AVG	
3	2413.7000	69.15	33.15	102.30	74.00	28.30	Peak	No Limit
4 *	2418.5000	61.24	33.16	94.40	54.00	40.40	AVG	No Limit

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

Vertical

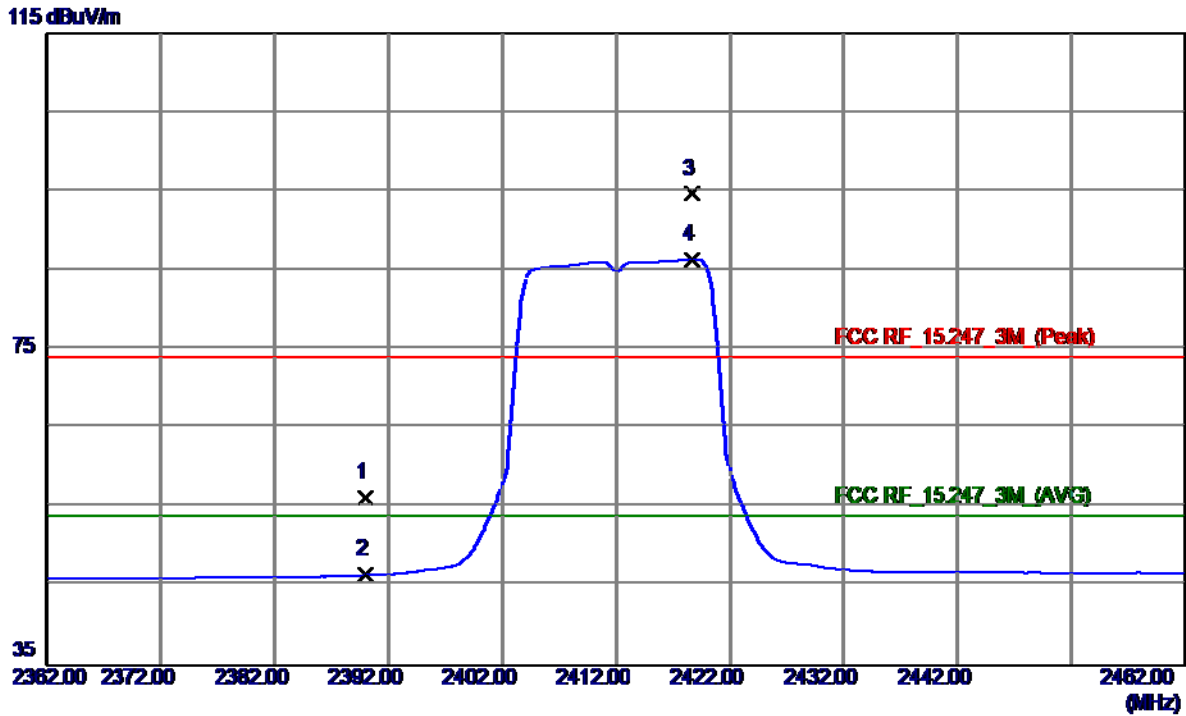
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.9200	29.27	6.32	35.59	54.00	-18.41	AVG	
2	4828.9000	39.57	6.33	45.90	74.00	-28.10	Peak	

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

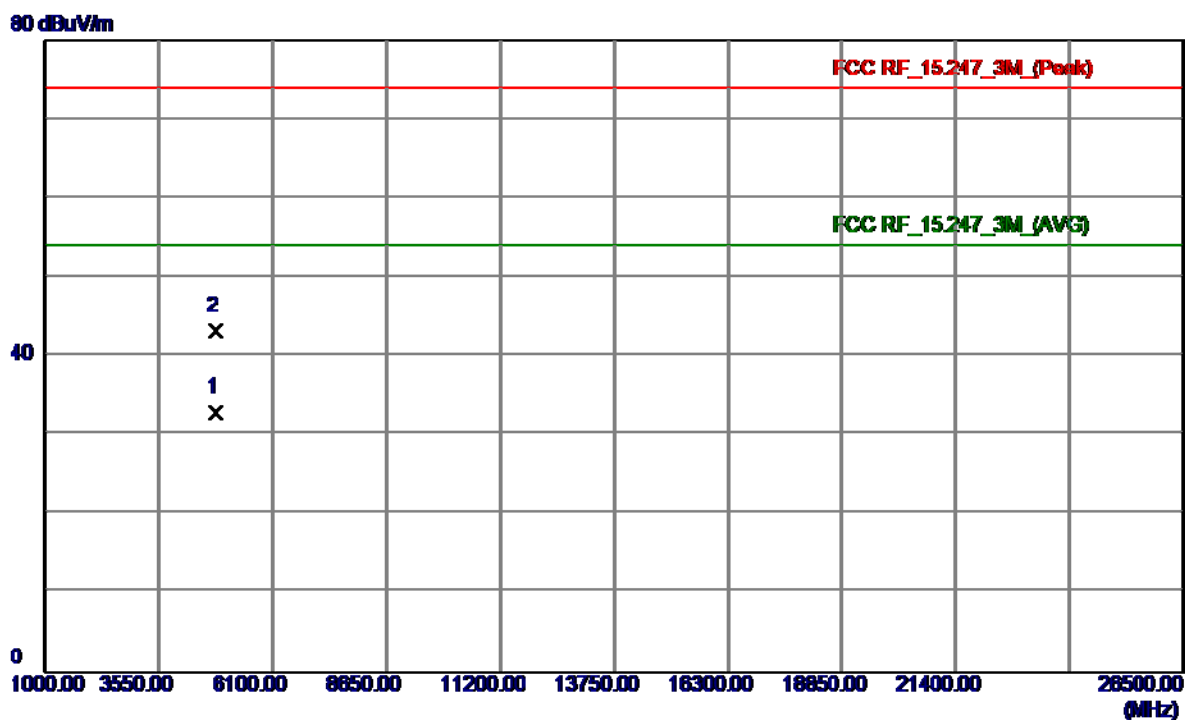
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.18	33.06	56.24	74.00	-17.76	Peak	
2	2390.0000	13.39	33.06	46.45	54.00	-7.55	AVG	
3	2418.7000	61.54	33.16	94.70	74.00	20.70	Peak	No Limit
4 *	2418.7000	53.26	33.16	86.42	54.00	32.42	AVG	No Limit

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

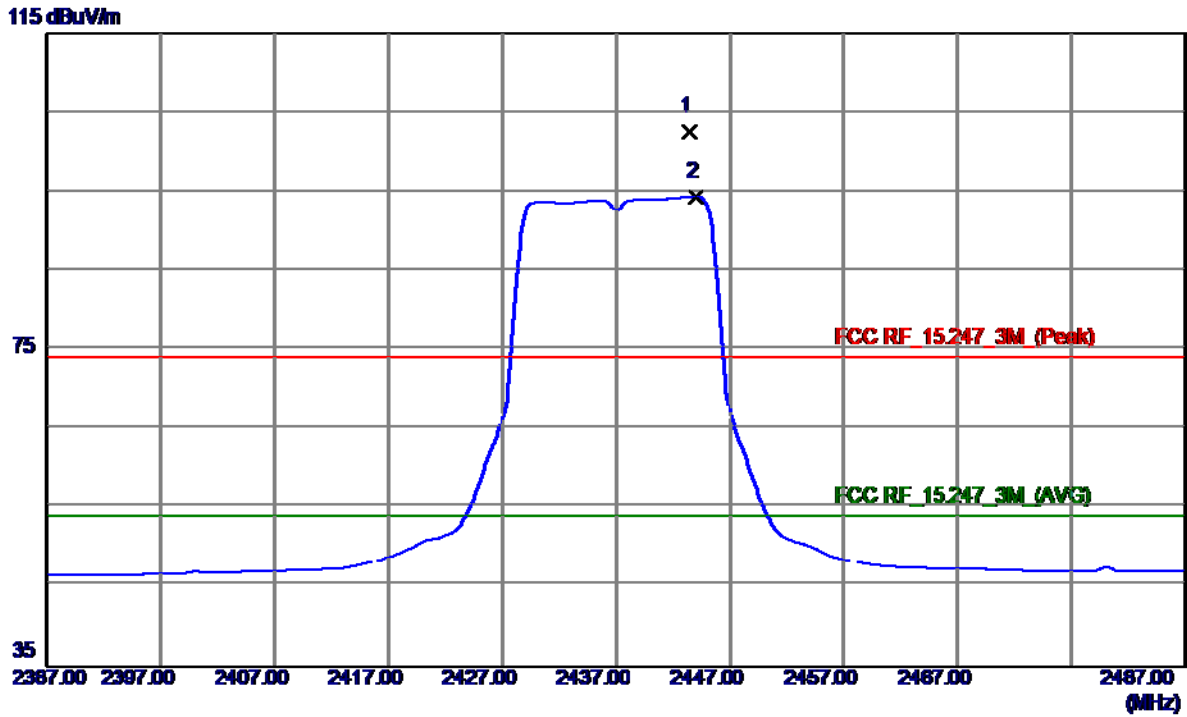
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4824.0400	26.69	6.32	33.01	54.00	-20.99	AVG	
2	4824.4800	36.90	6.32	43.22	74.00	-30.78	Peak	

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

Vertical

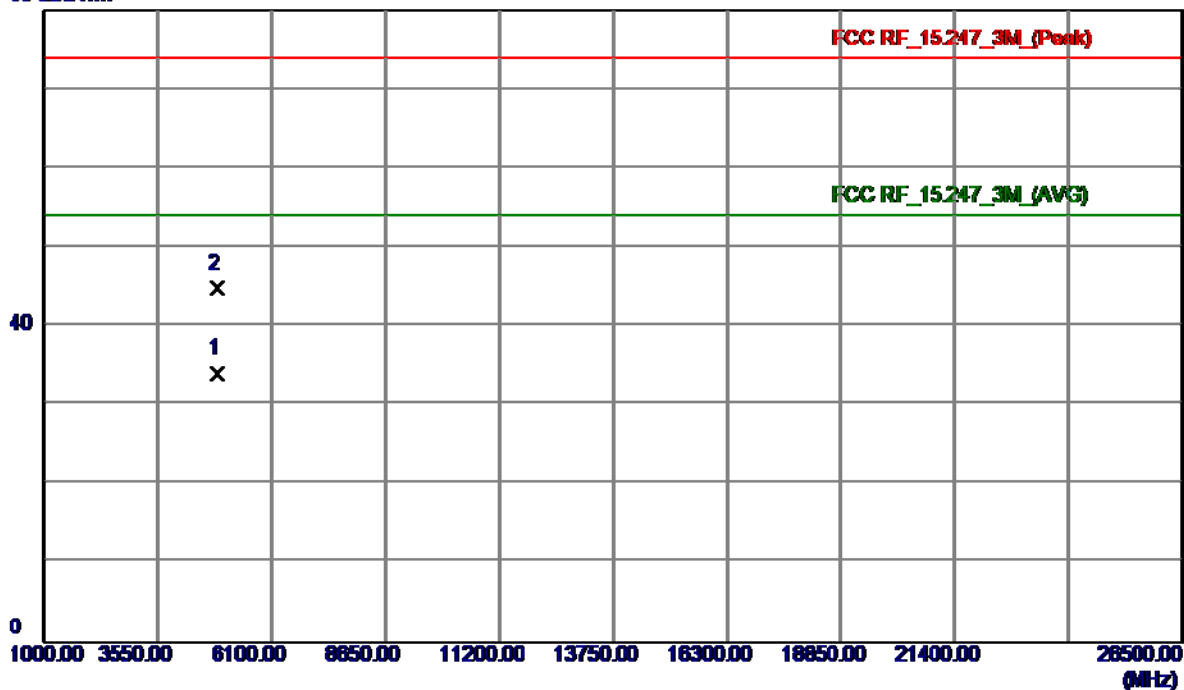


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2443.4000	69.31	33.26	102.57	74.00	28.57	Peak	No Limit
2 *	2444.0000	61.13	33.26	94.39	54.00	40.39	AVG	No Limit

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

Vertical

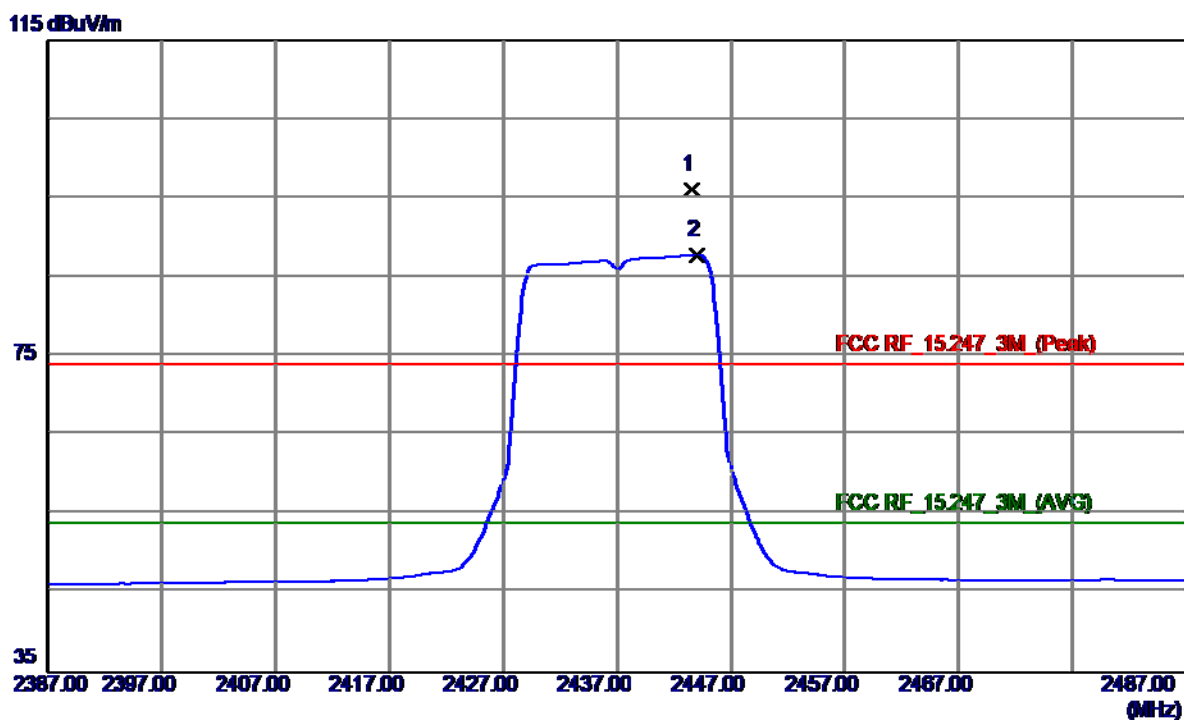
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.9400	27.63	6.44	34.07	54.00	-19.93	AVG	
2	4874.6000	38.34	6.44	44.78	74.00	-29.22	Peak	

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

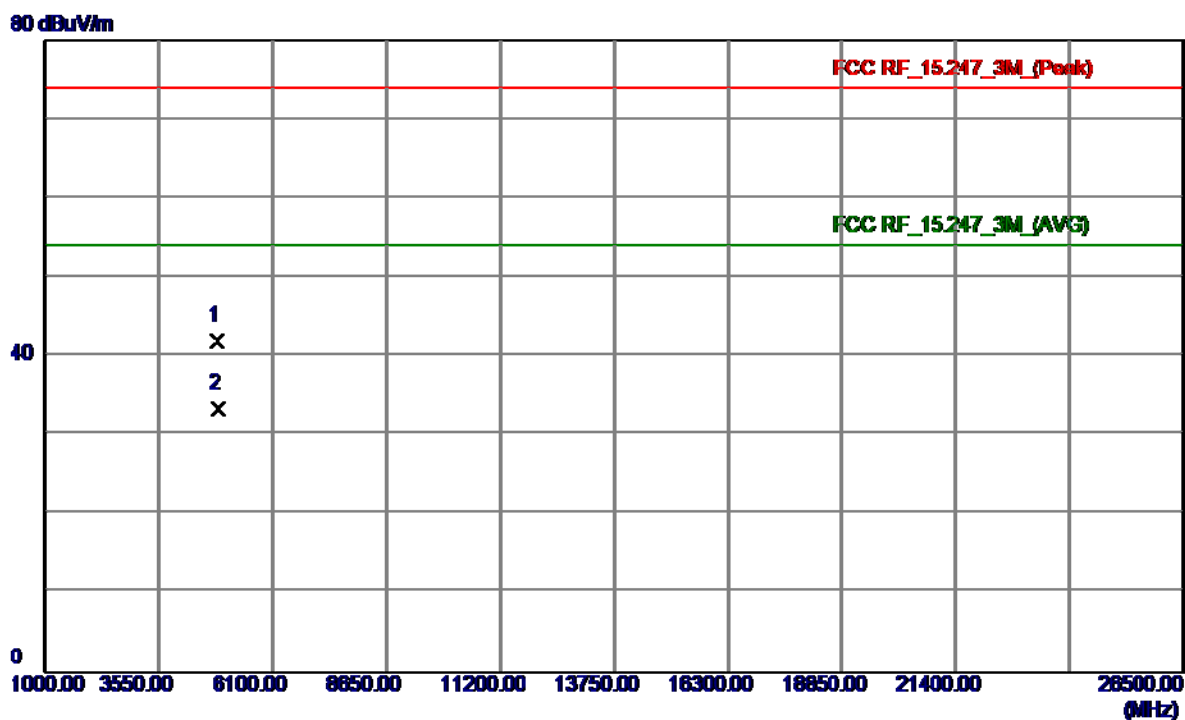
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2443.6000	62.89	33.26	96.15	74.00	22.15	Peak	No Limit
2 *	2444.0000	54.57	33.26	87.83	54.00	33.83	AVG	No Limit

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

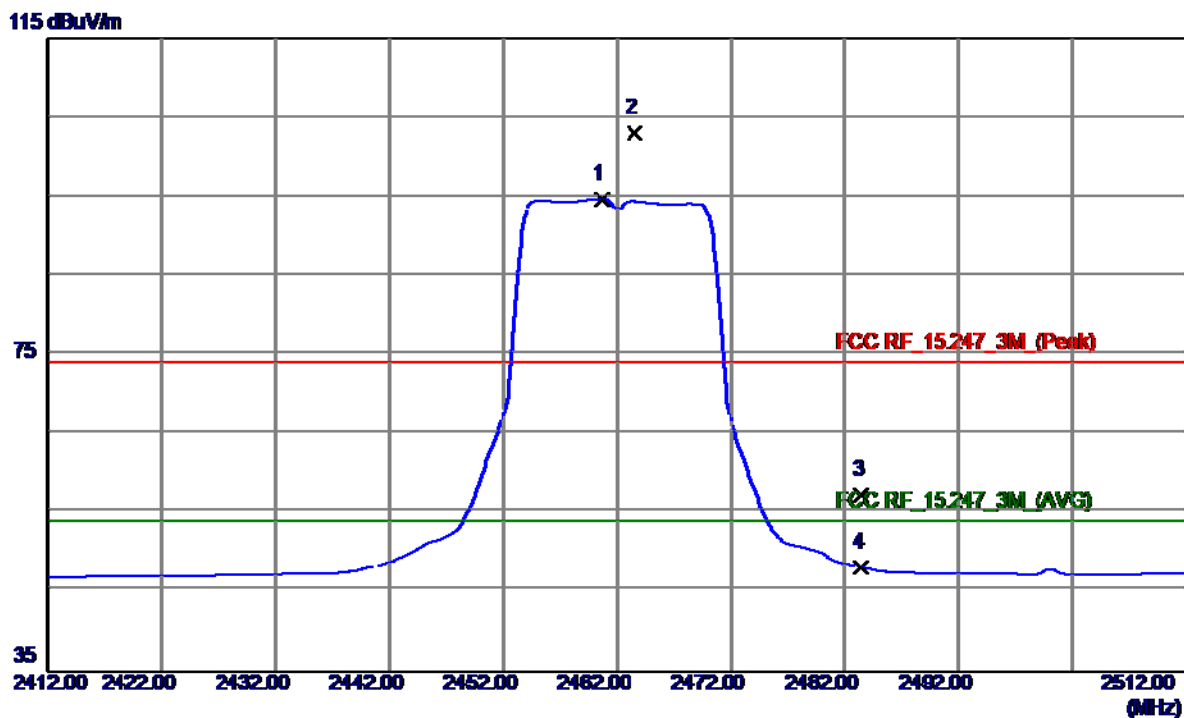
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4866.7200	35.46	6.42	41.88	74.00	-32.12	Peak	
2 *	4875.9000	26.92	6.45	33.37	54.00	-20.63	AVG	

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

Vertical

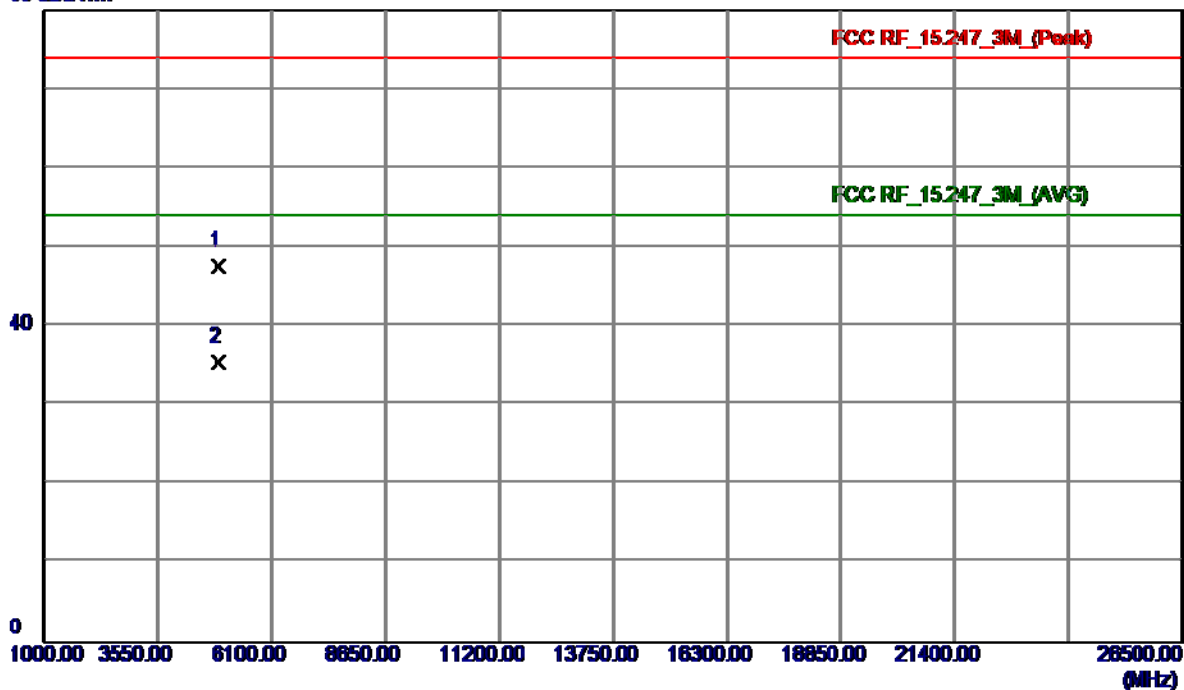


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.7000	61.35	33.32	94.67	54.00	40.67	AVG	No Limit
2	2463.6000	69.59	33.33	102.92	74.00	28.92	Peak	No Limit
3	2483.5000	23.87	33.41	57.28	74.00	-16.72	Peak	
4	2483.5000	14.72	33.41	48.13	54.00	-5.87	AVG	

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

Vertical

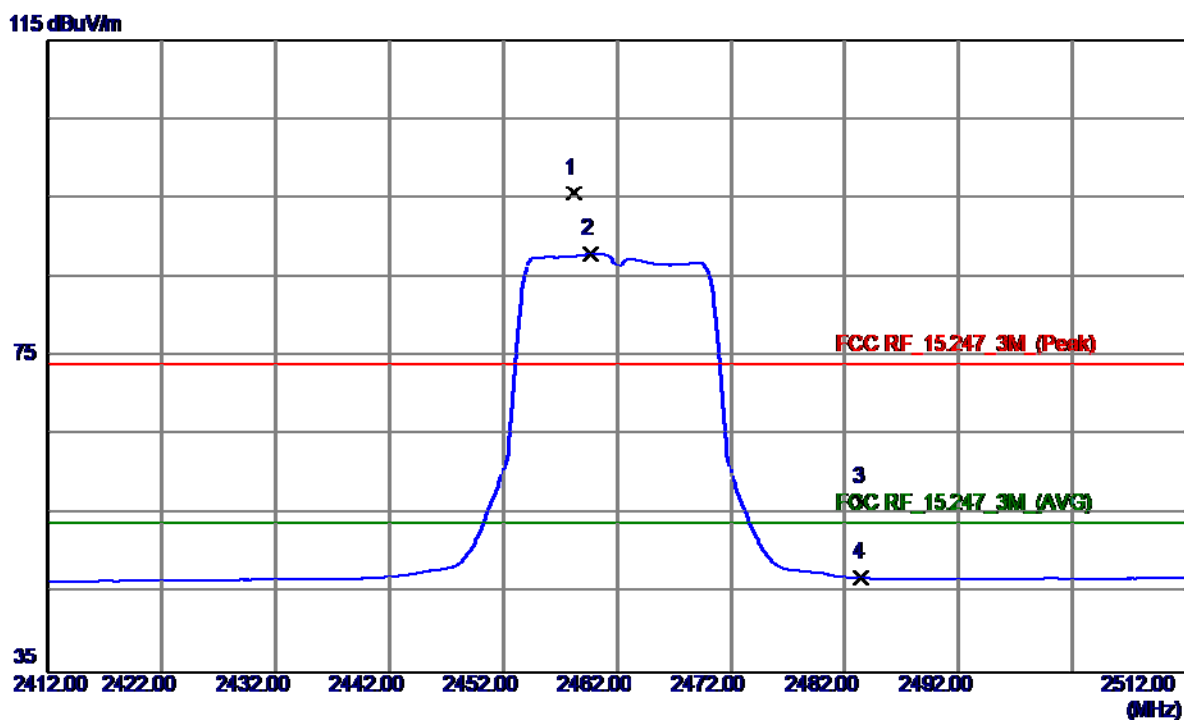
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4920.0200	41.12	6.56	47.68	74.00	-26.32	Peak	
2 *	4924.0000	28.97	6.57	35.54	54.00	-18.46	AVG	

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

Horizontal

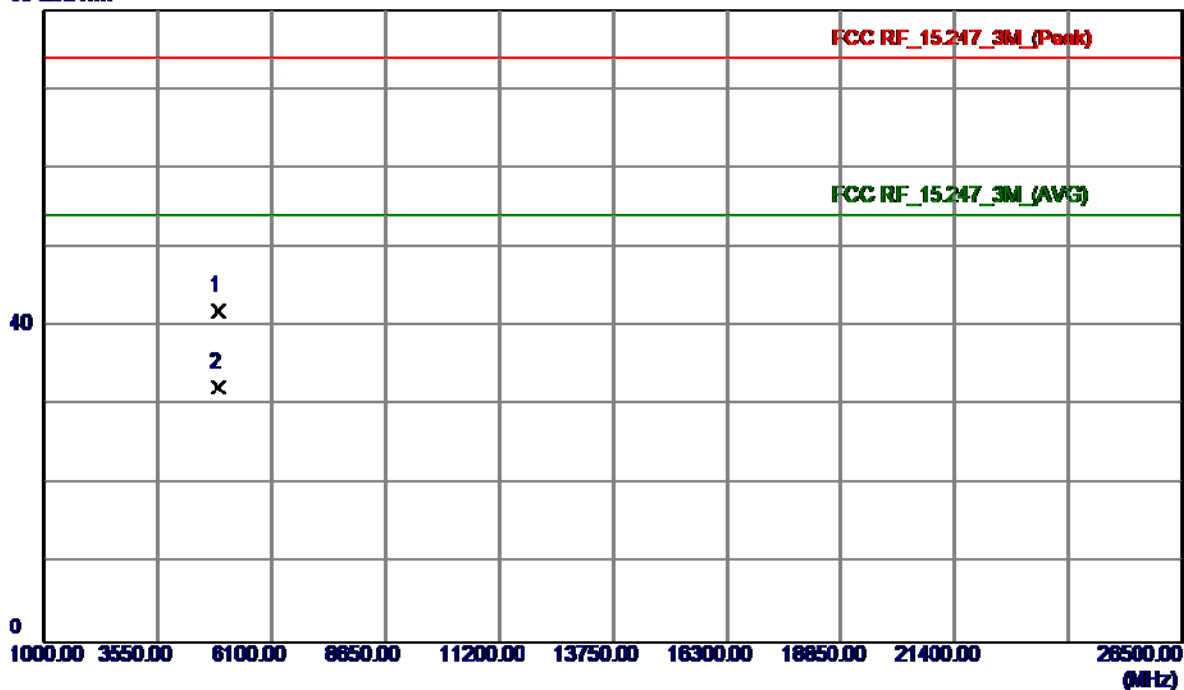


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2458.2000	62.40	33.31	95.71	74.00	21.71	Peak	No Limit
2 *	2459.7000	54.64	33.32	87.96	54.00	33.96	AVG	No Limit
3	2483.5000	23.18	33.41	56.59	74.00	-17.41	Peak	
4	2483.5000	13.56	33.41	46.97	54.00	-7.03	AVG	

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

Horizontal

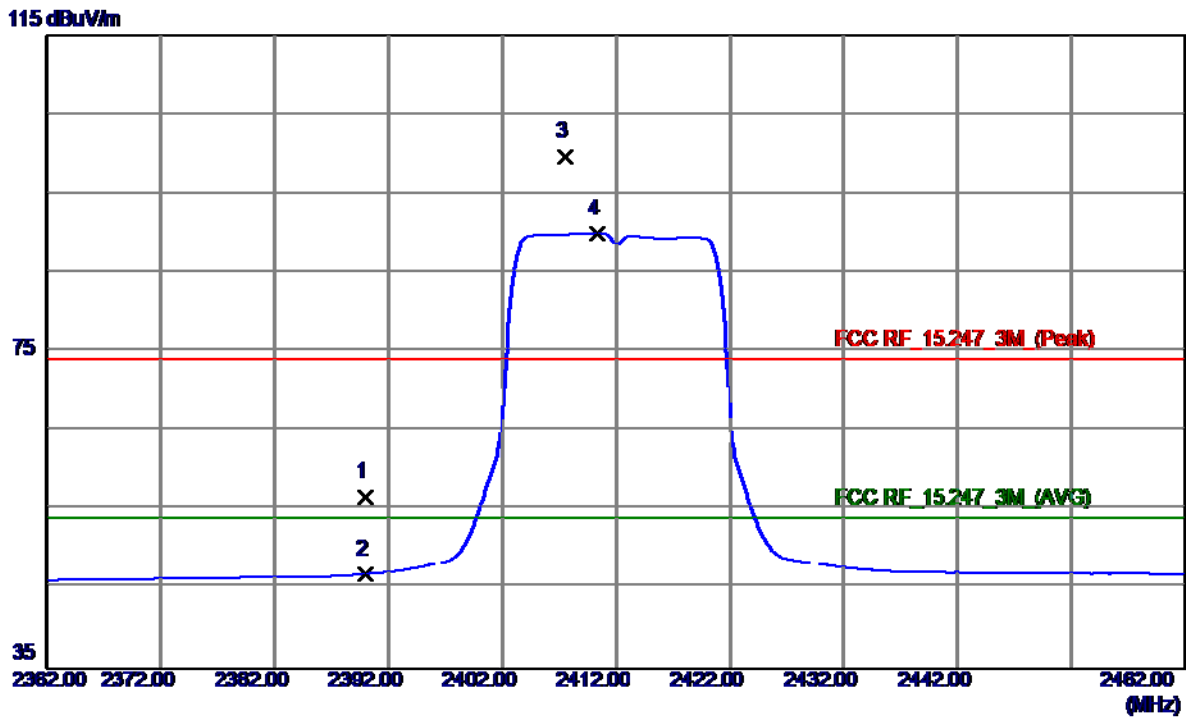
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4922.0800	35.36	6.56	41.92	74.00	-32.08	Peak	
2 *	4923.9120	25.73	6.57	32.30	54.00	-21.70	AVG	

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

Vertical

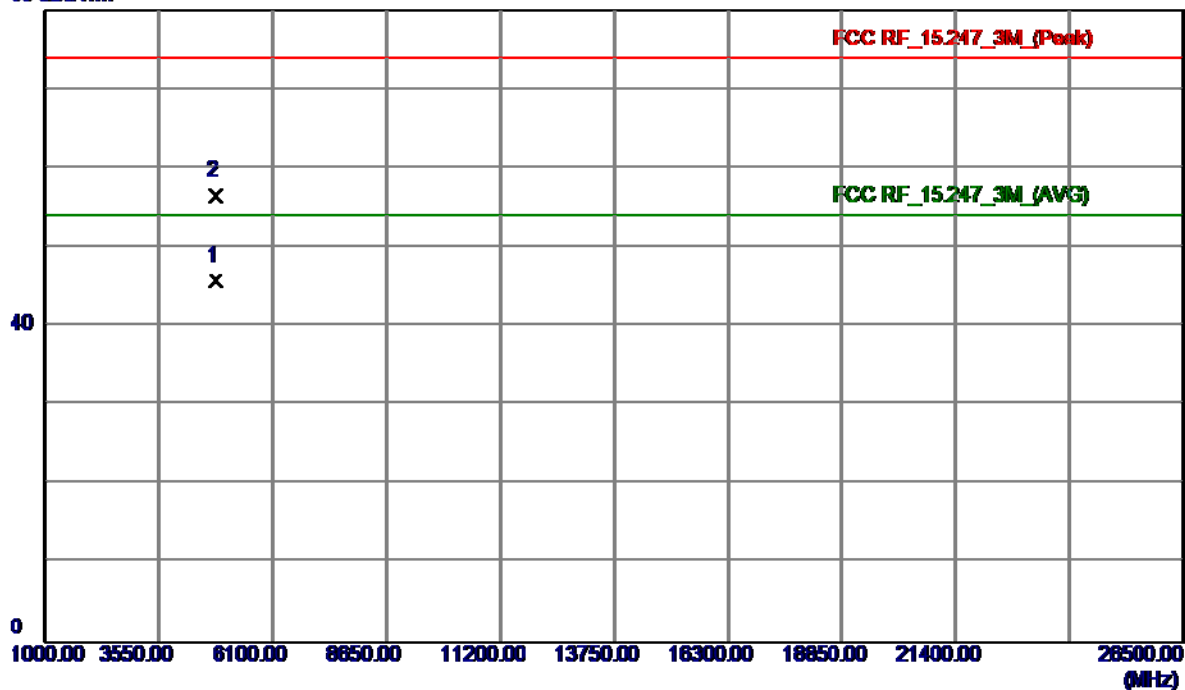


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.50	33.06	56.56	74.00	-17.44	Peak	
2	2390.0000	13.83	33.06	46.89	54.00	-7.11	AVG	
3	2407.6000	66.51	33.12	99.63	74.00	25.63	Peak	No Limit
4 *	2410.3000	56.77	33.13	89.90	54.00	35.90	AVG	No Limit

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

Vertical

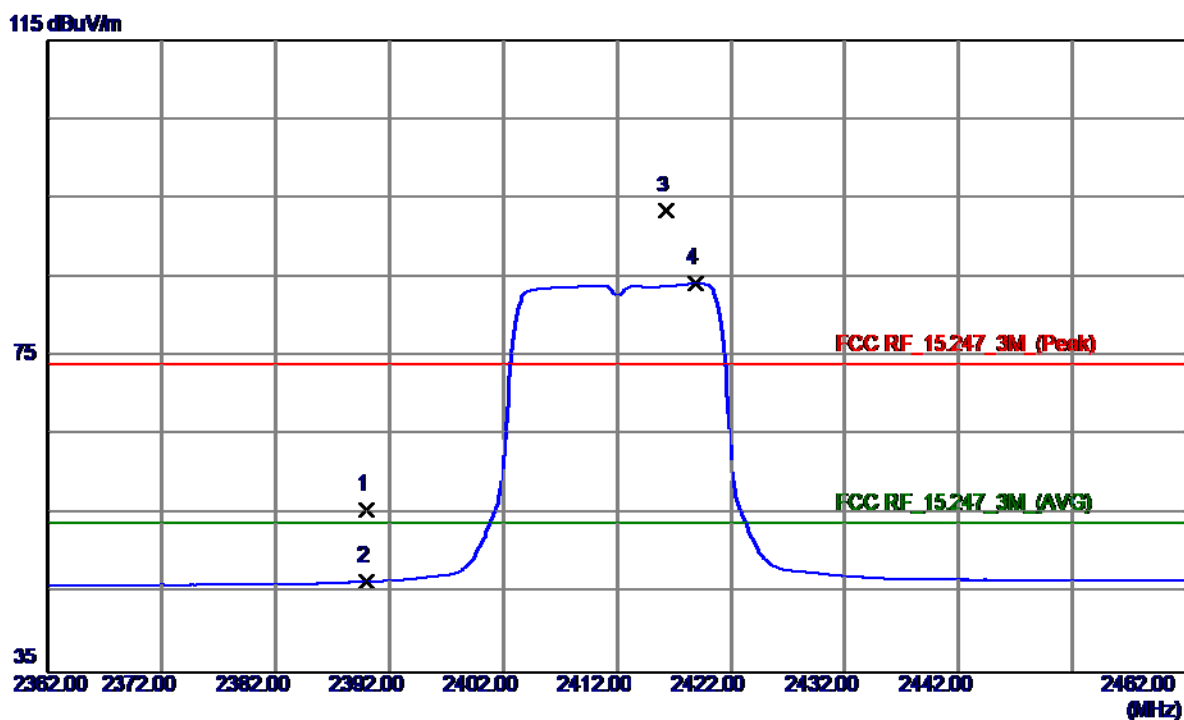
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.2400	39.39	6.31	45.70	54.00	-8.30	AVG	
2	4823.9000	50.09	6.32	56.41	74.00	-17.59	Peak	

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

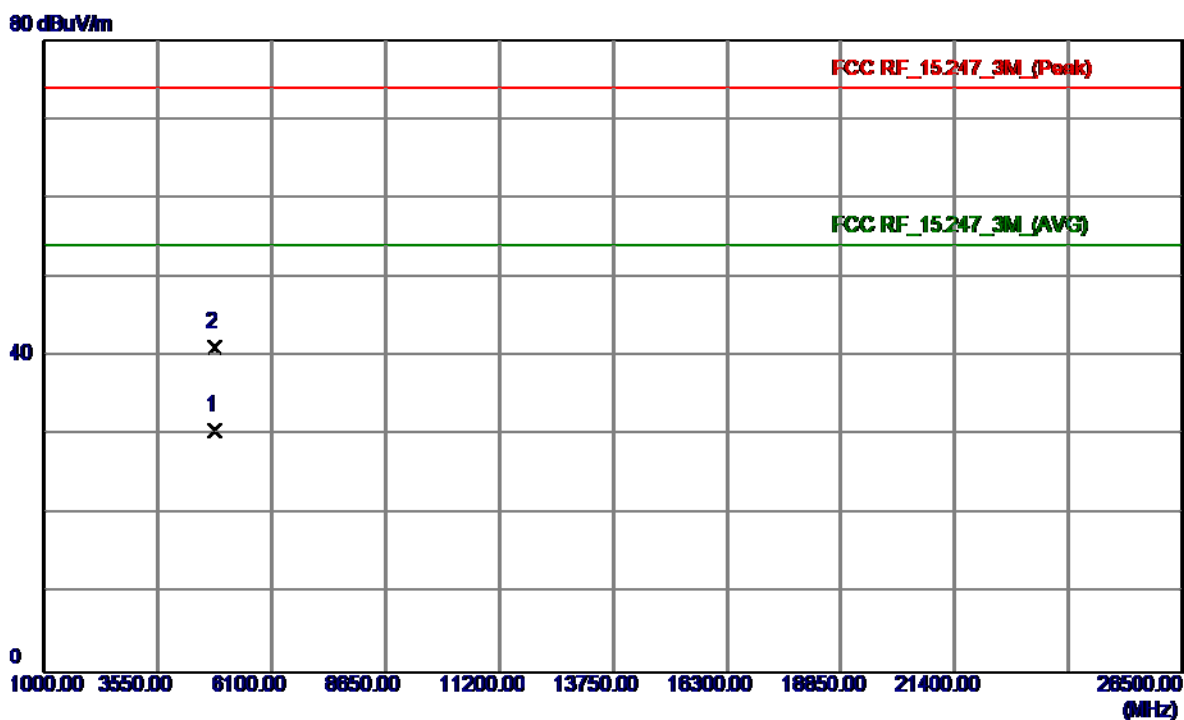
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	22.60	33.06	55.66	74.00	-18.34	Peak	
2	2390.0000	13.46	33.06	46.52	54.00	-7.48	AVG	
3	2416.3000	60.27	33.16	93.43	74.00	19.43	Peak	No Limit
4 *	2418.9000	51.10	33.16	84.26	54.00	30.26	AVG	No Limit

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

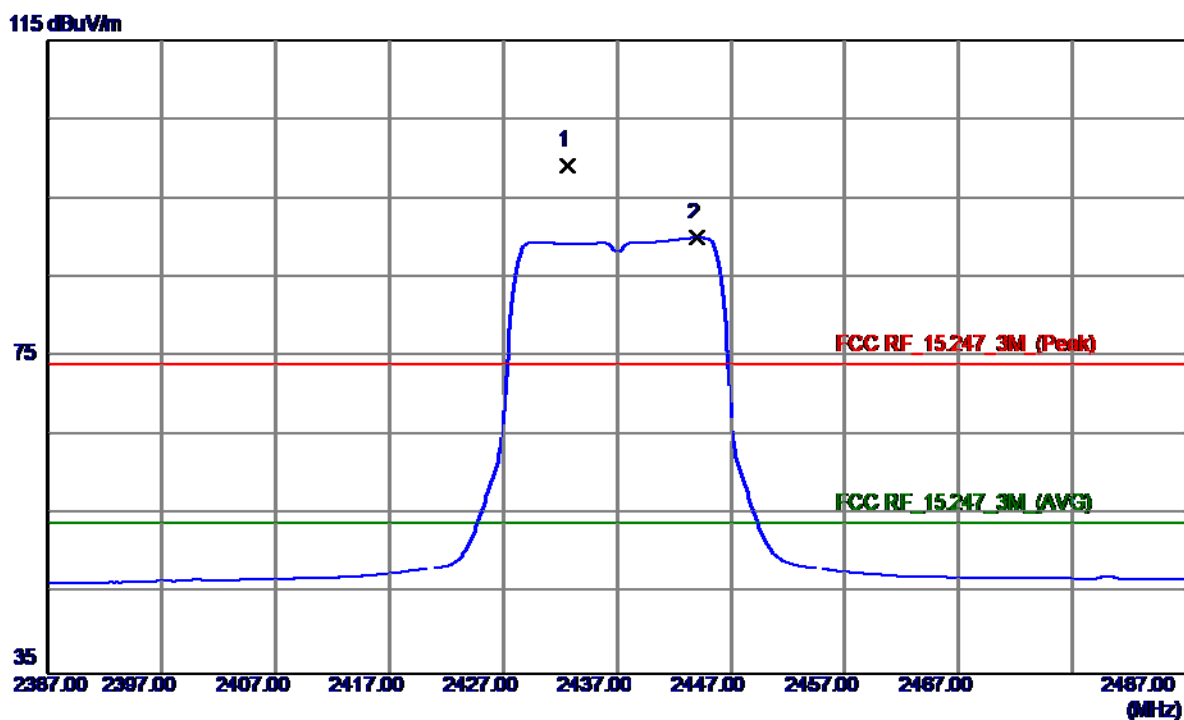
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4824.4800	24.32	6.32	30.64	54.00	-23.36	AVG	
2	4828.9600	34.73	6.33	41.06	74.00	-32.94	Peak	

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

Vertical

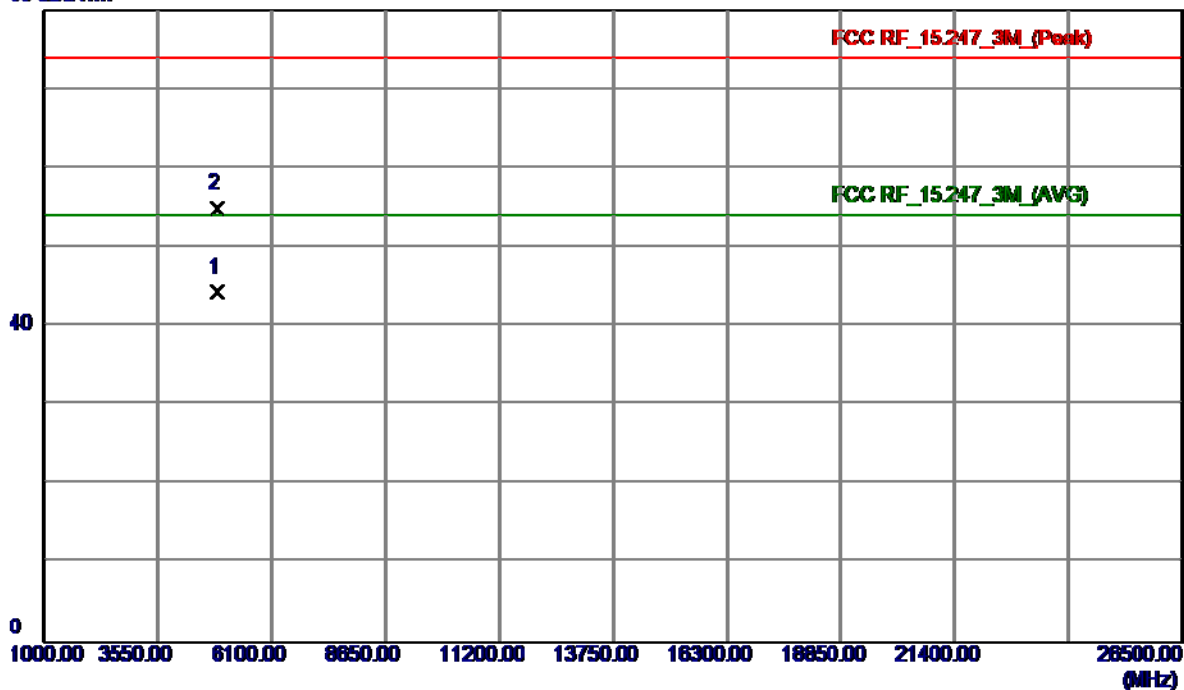


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2432.7000	65.93	33.22	99.15	74.00	25.15	Peak	No Limit
2 *	2444.0000	56.73	33.26	89.99	54.00	35.99	AVG	No Limit

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

Vertical

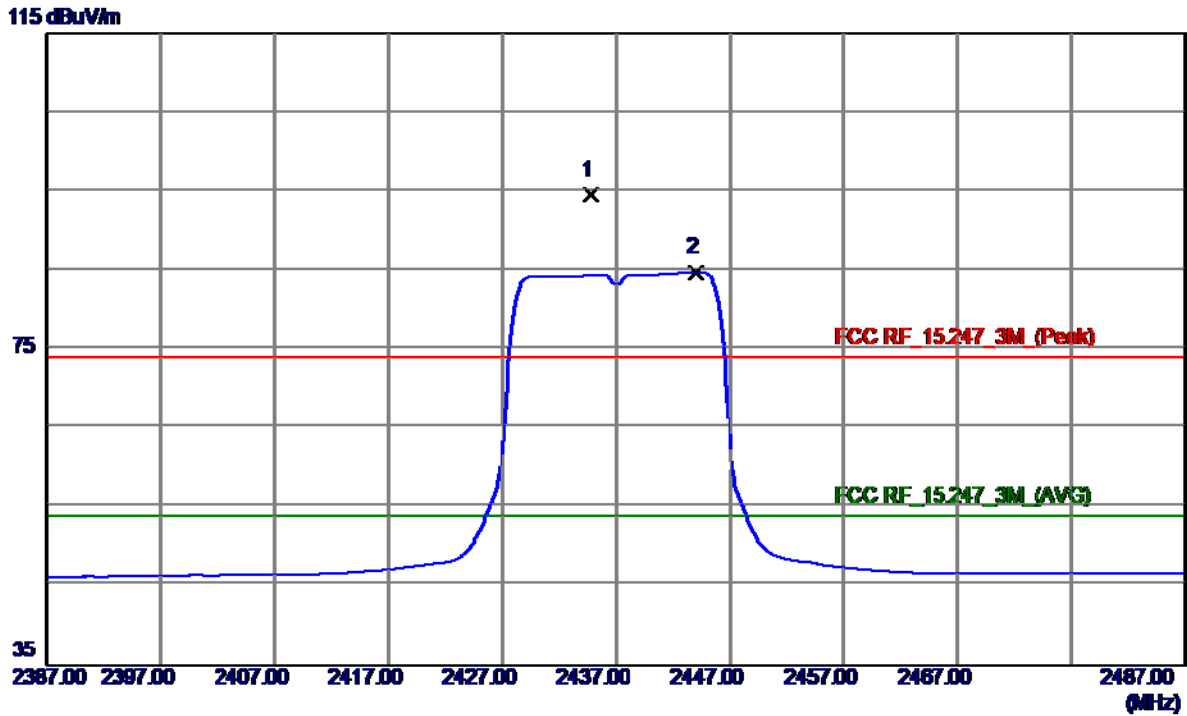
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.1600	37.91	6.44	44.35	54.00	-9.65	AVG	
2	4873.9800	48.40	6.44	54.84	74.00	-19.16	Peak	

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

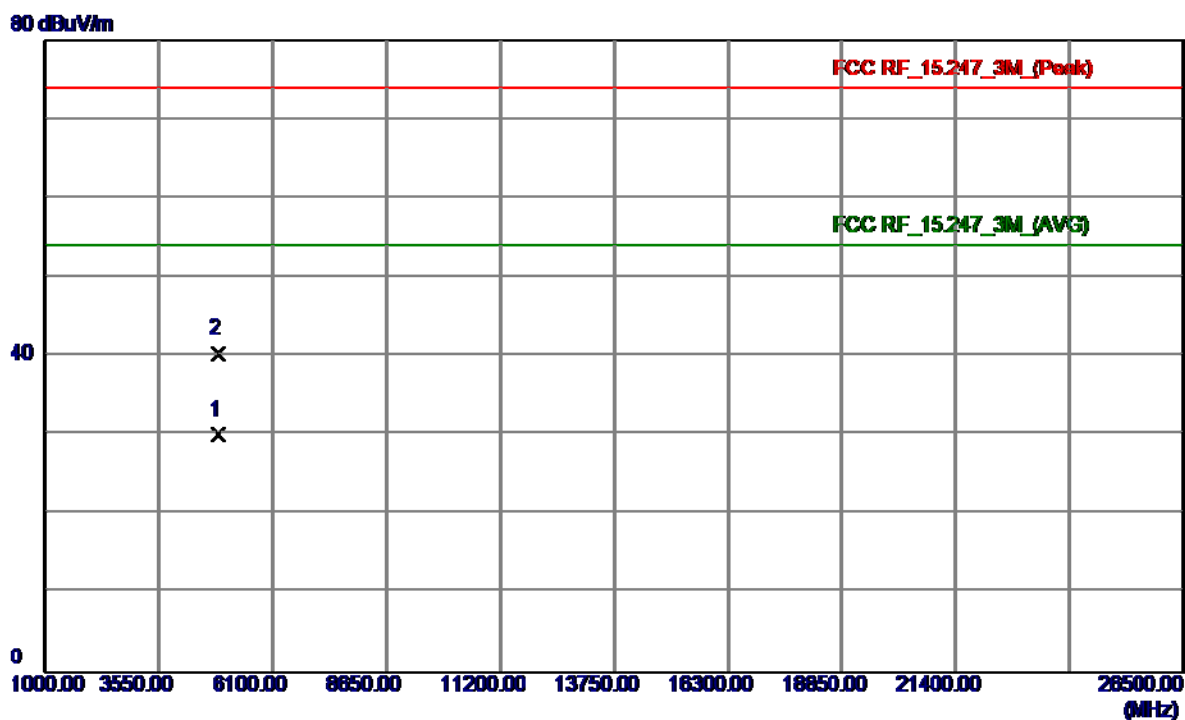
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2434.8000	61.29	33.22	94.51	74.00	20.51	Peak	No Limit
2 *	2444.0000	51.55	33.26	84.81	54.00	30.81	AVG	No Limit

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

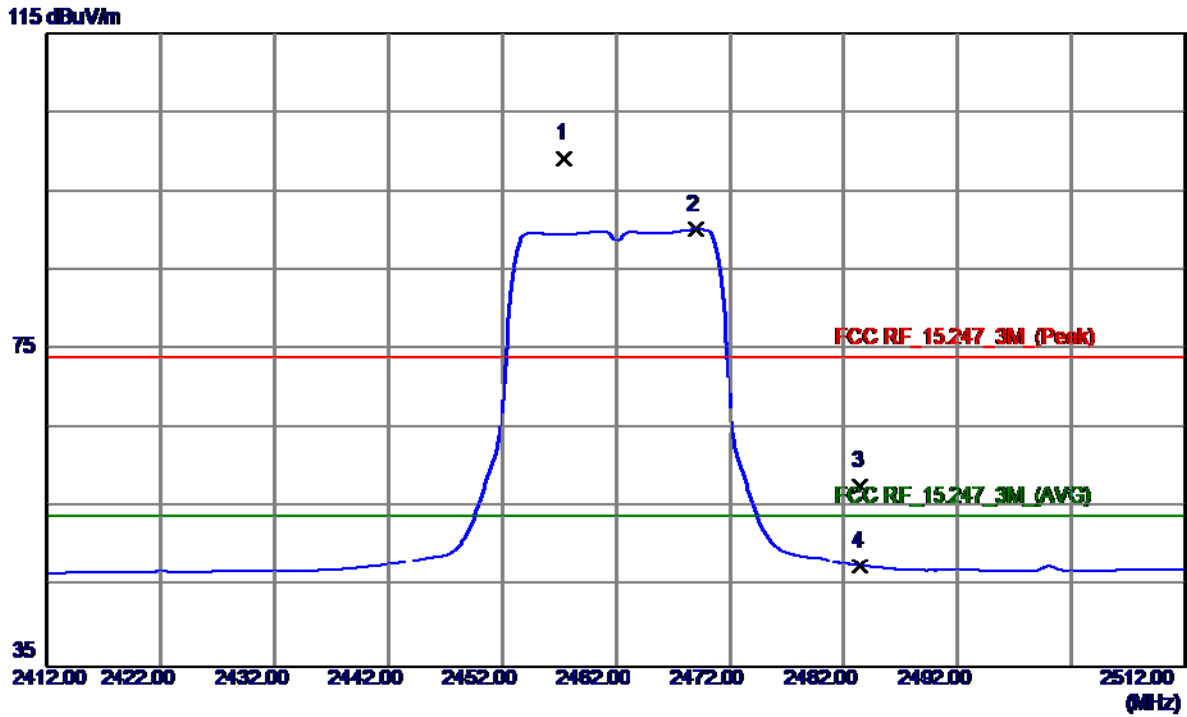
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4877.9800	23.56	6.45	30.01	54.00	-23.99	AVG	
2	4882.1600	33.79	6.46	40.25	74.00	-33.75	Peak	

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

Vertical

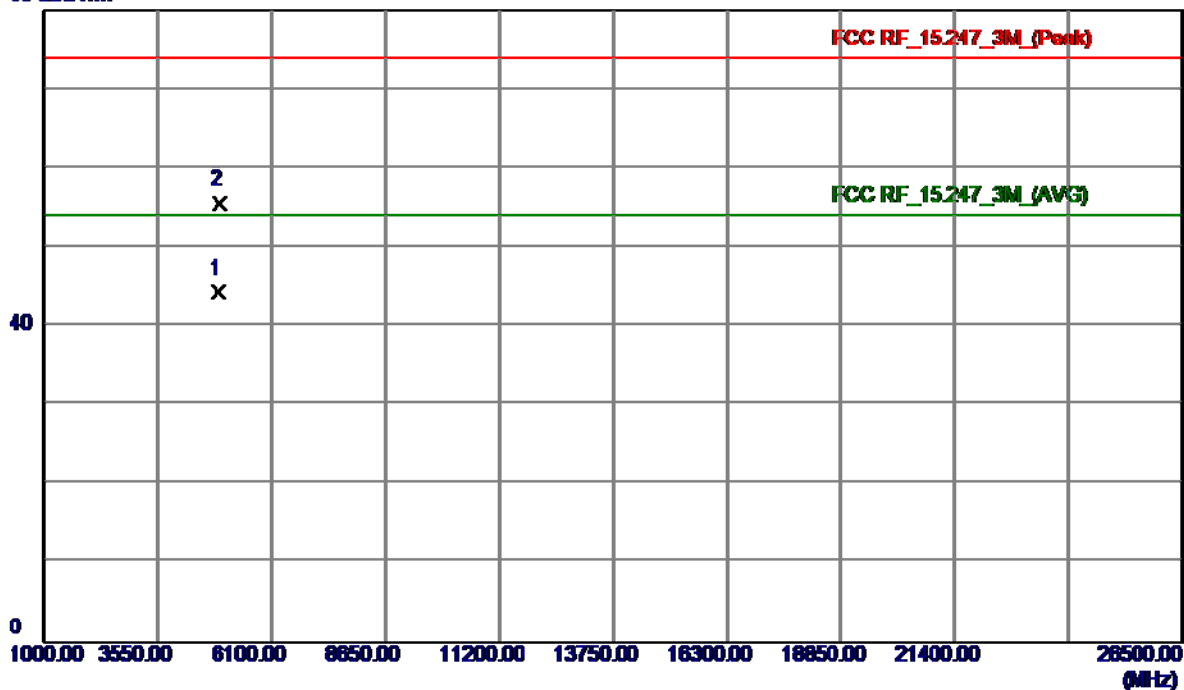


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2457.5000	65.81	33.31	99.12	74.00	25.12	Peak	No Limit
2 *	2469.0000	56.80	33.35	90.15	54.00	36.15	AVG	No Limit
3	2483.5000	24.25	33.41	57.66	74.00	-16.34	Peak	
4	2483.5000	14.29	33.41	47.70	54.00	-6.30	AVG	

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

Vertical

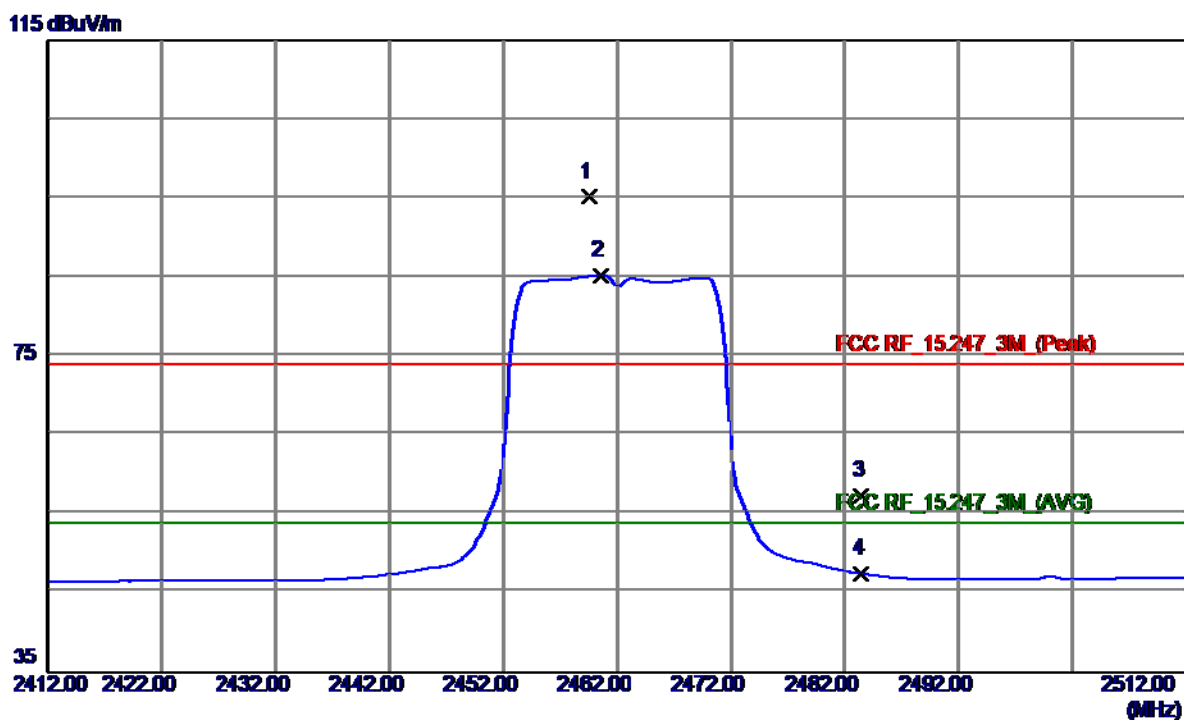
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.2799	37.67	6.57	44.24	54.00	-9.76	AVG	
2	4924.5400	48.87	6.57	55.44	74.00	-18.56	Peak	

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

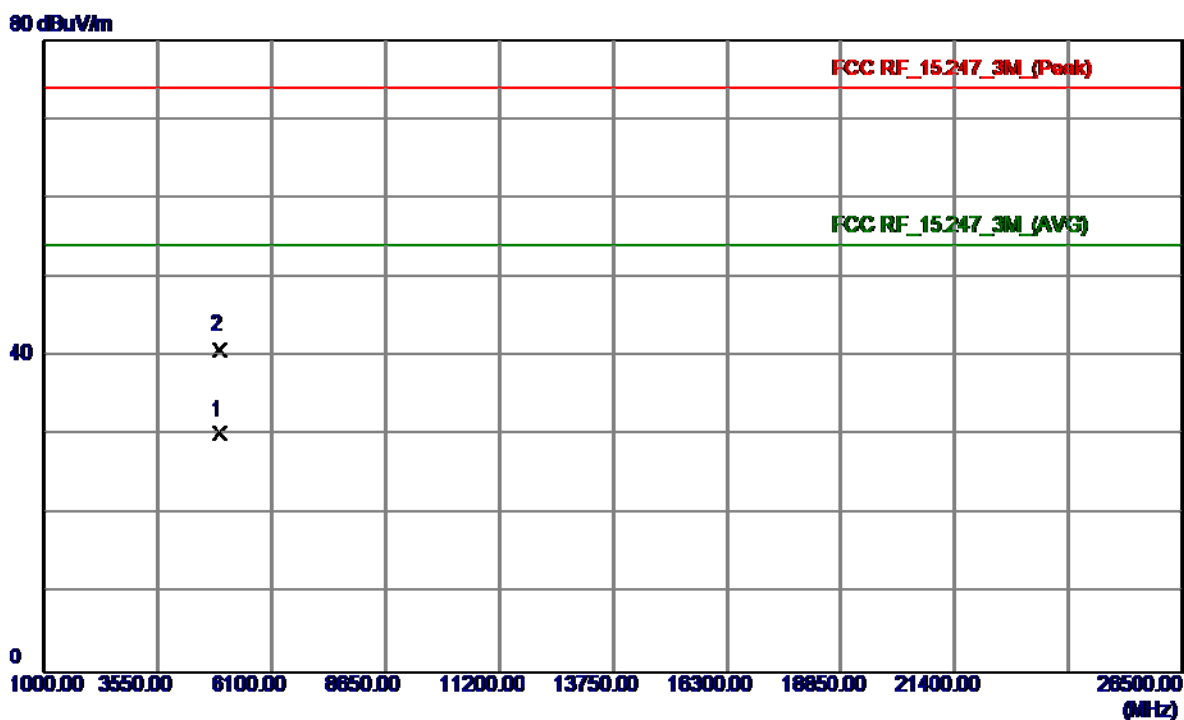
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2459.6000	61.85	33.32	95.17	74.00	21.17	Peak	No Limit
2 *	2460.6000	51.96	33.32	85.28	54.00	31.28	AVG	No Limit
3	2483.5000	23.99	33.41	57.40	74.00	-16.60	Peak	
4	2483.5000	14.08	33.41	47.49	54.00	-6.51	AVG	

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

Horizontal

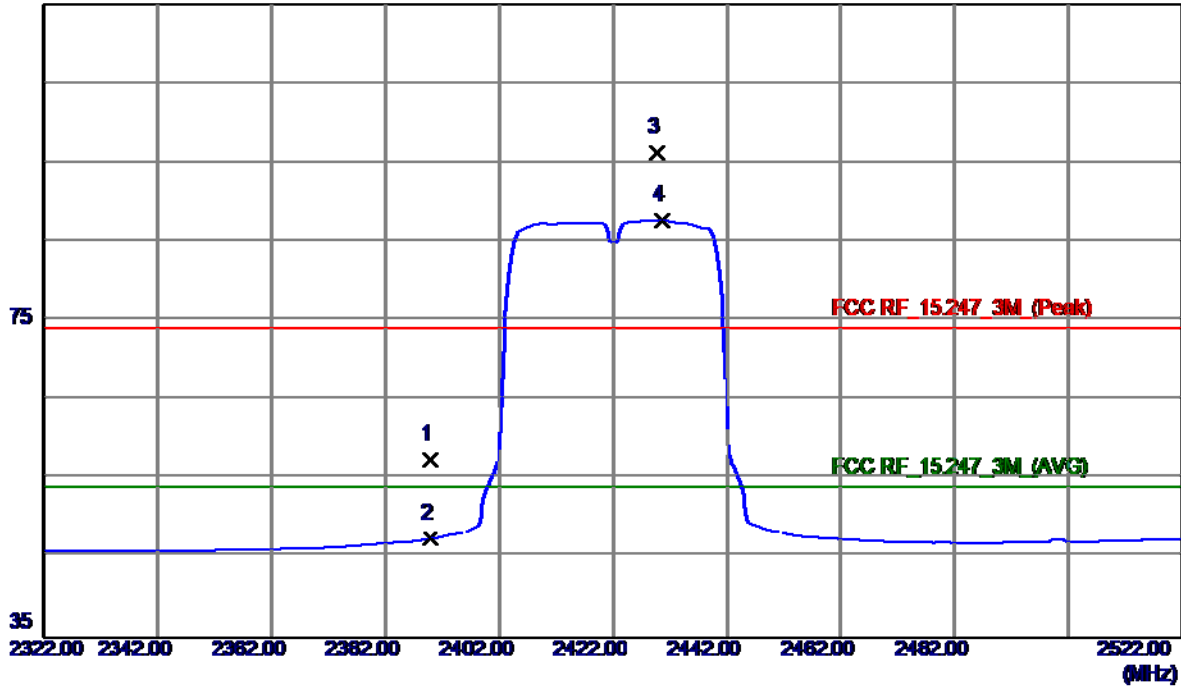


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4924.2860	23.59	6.57	30.16	54.00	-23.84	AVG	
2	4924.5219	34.22	6.57	40.79	74.00	-33.21	Peak	

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

Vertical

115 dBuV/m

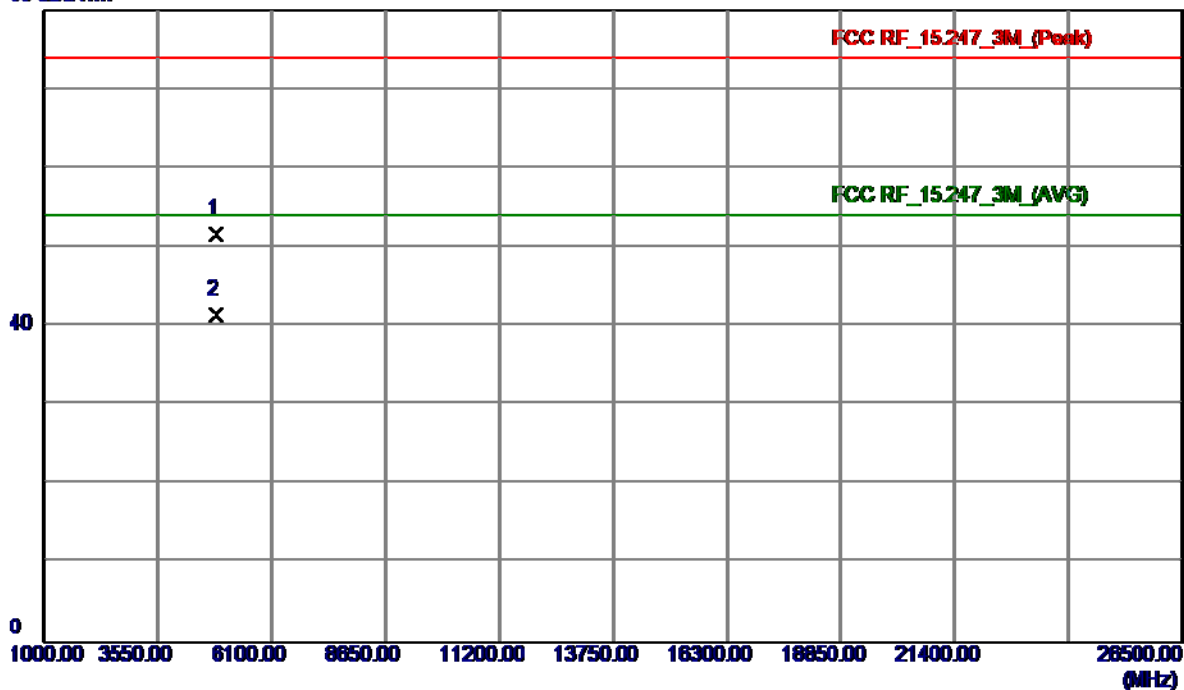


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	24.40	33.06	57.46	74.00	-16.54	Peak	
2	2390.0000	14.35	33.06	47.41	54.00	-6.59	AVG	
3	2429.8000	63.10	33.21	96.31	74.00	22.31	Peak	No Limit
4 *	2430.6000	54.44	33.21	87.65	54.00	33.65	AVG	No Limit

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

Vertical

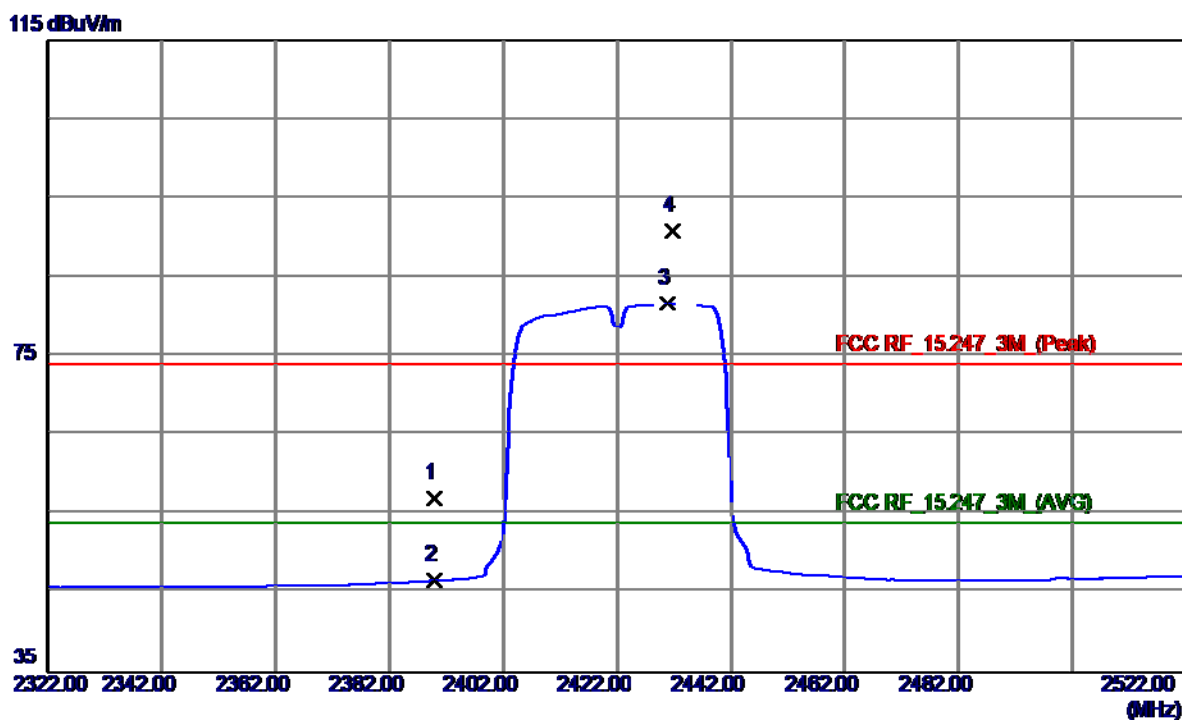
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4842.5000	45.33	6.36	51.69	74.00	-22.31	Peak	
2 *	4842.9500	35.05	6.36	41.41	54.00	-12.59	AVG	

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

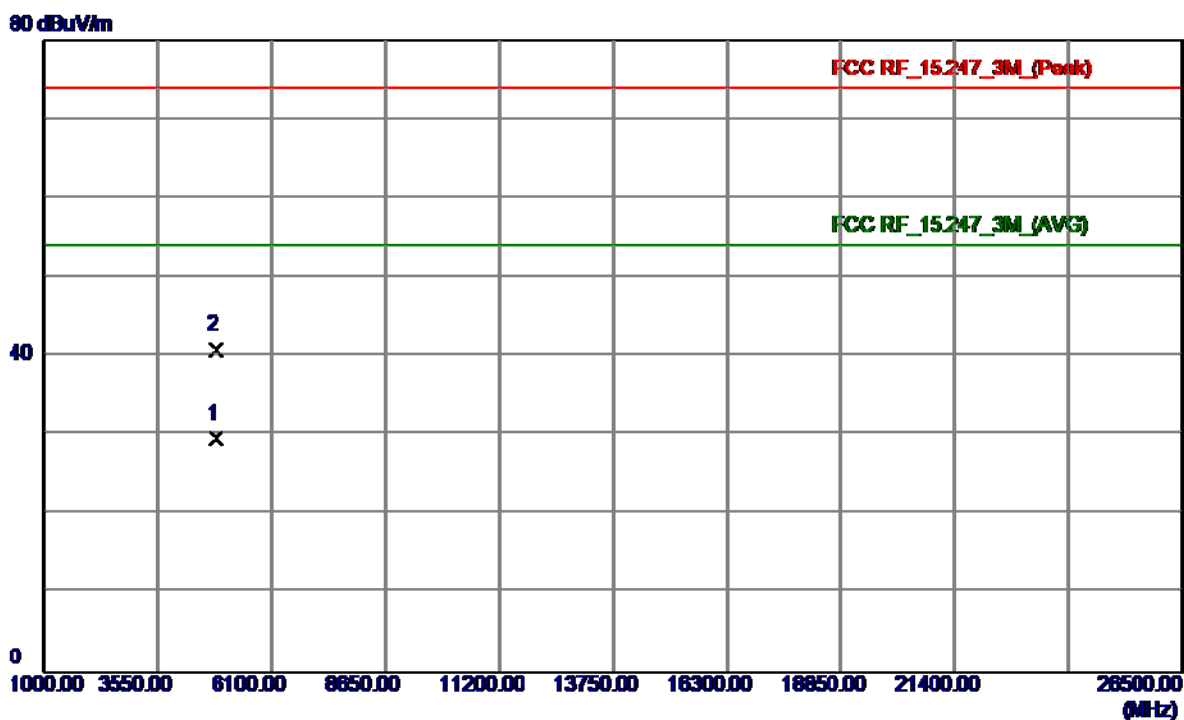
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	24.05	33.06	57.11	74.00	-16.89	Peak	
2	2390.0000	13.57	33.06	46.63	54.00	-7.37	AVG	
3 *	2430.8000	48.47	33.21	81.68	54.00	27.68	AVG	No Limit
4	2431.8000	57.59	33.21	90.80	74.00	16.80	Peak	No Limit

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

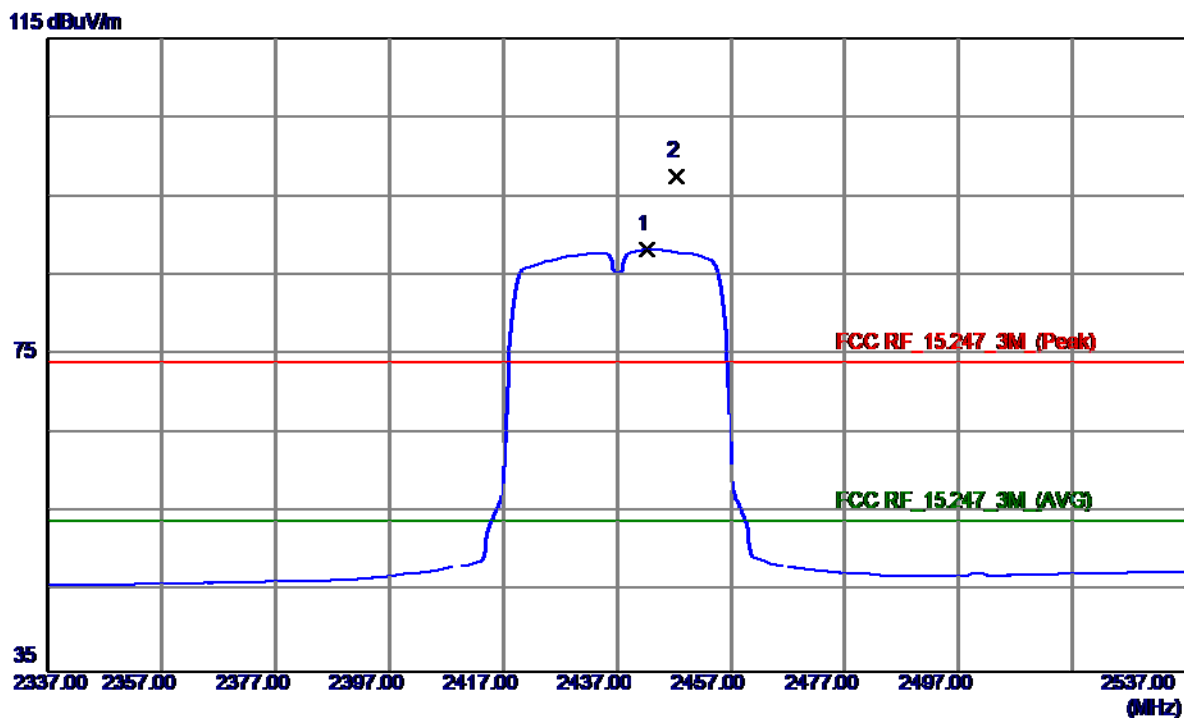
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4843.2639	23.29	6.36	29.65	54.00	-24.35	AVG	
2	4844.0460	34.47	6.37	40.84	74.00	-33.16	Peak	

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

Vertical

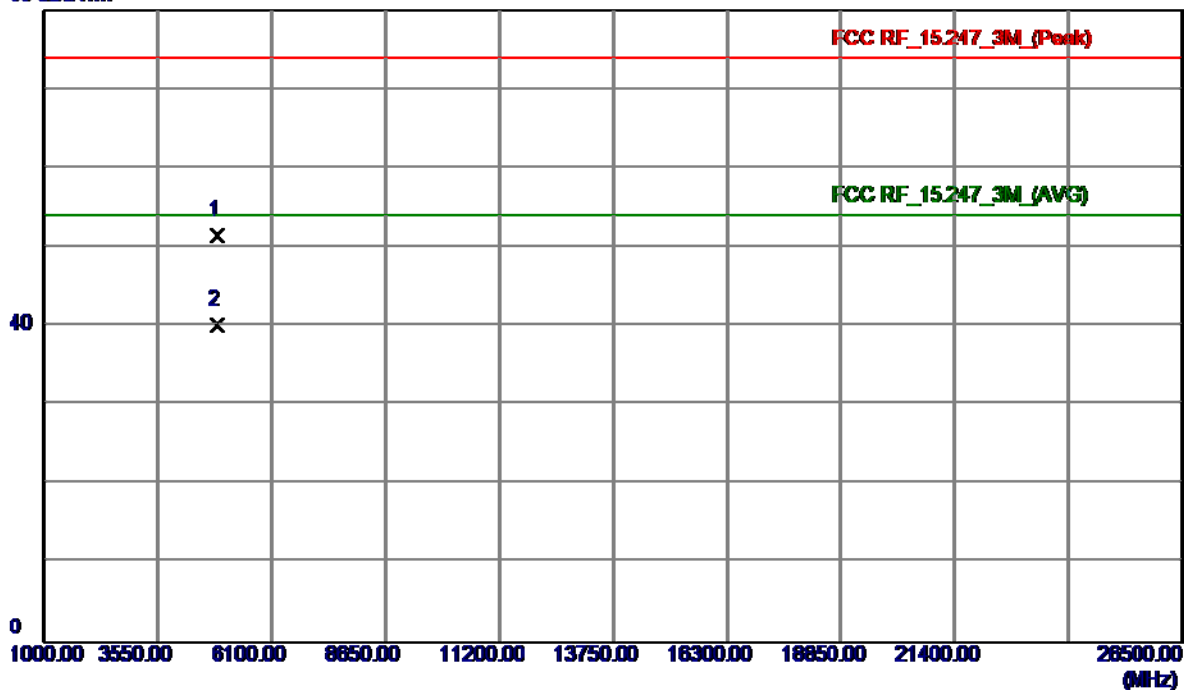


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2442.4000	55.03	33.25	88.28	54.00	34.28	AVG	No Limit
2	2447.4000	64.28	33.27	97.55	74.00	23.55	Peak	No Limit

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

Vertical

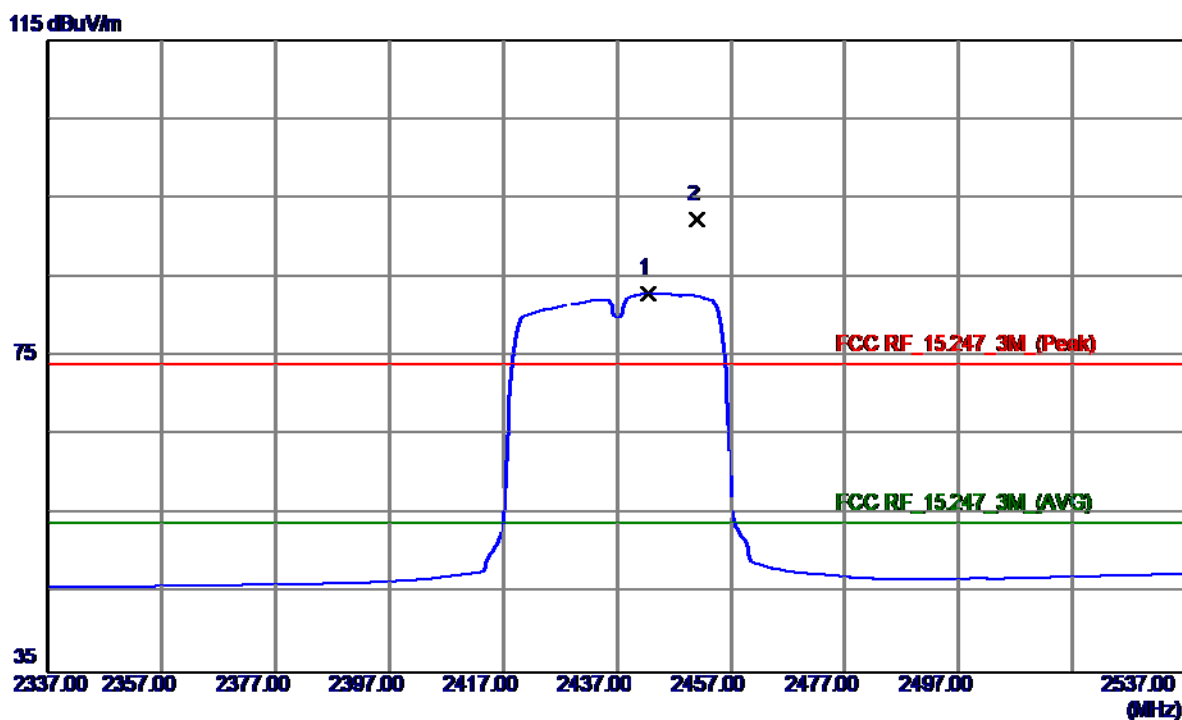
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4874.7500	45.03	6.44	51.47	74.00	-22.53	Peak	
2 *	4876.6500	33.67	6.45	40.12	54.00	-13.88	AVG	

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

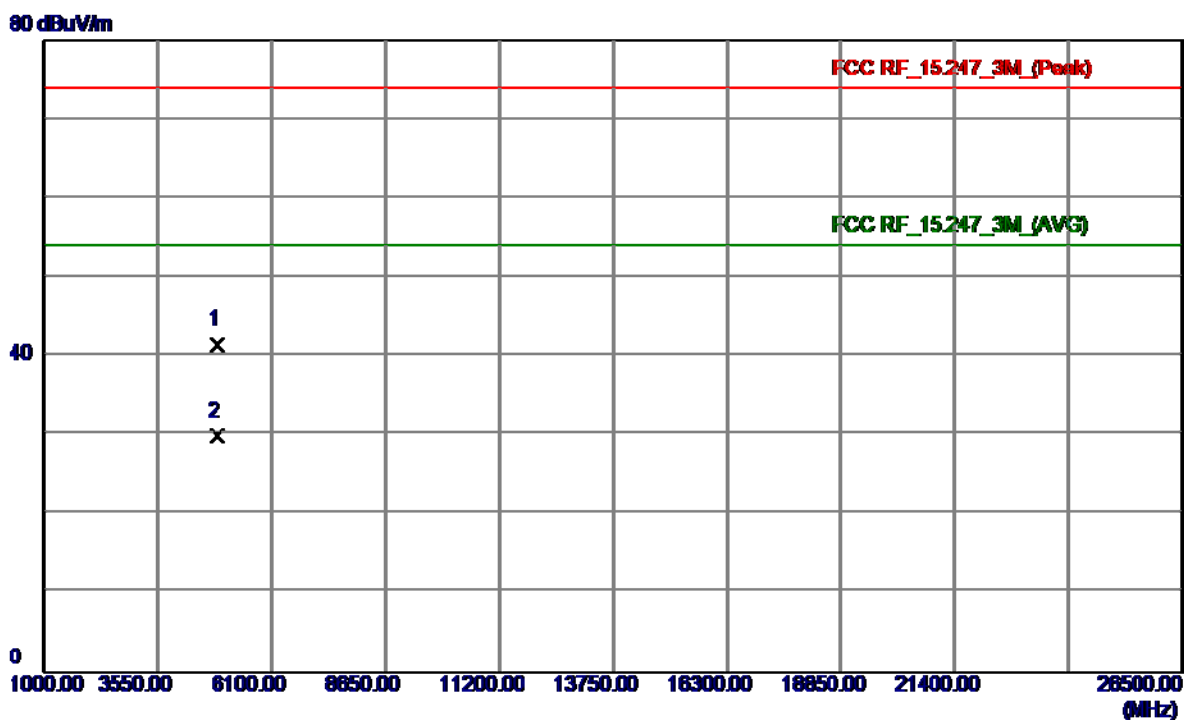
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2442.6000	49.79	33.25	83.04	54.00	29.04	AVG	No Limit
2	2451.0000	58.94	33.29	92.23	74.00	18.23	Peak	No Limit

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

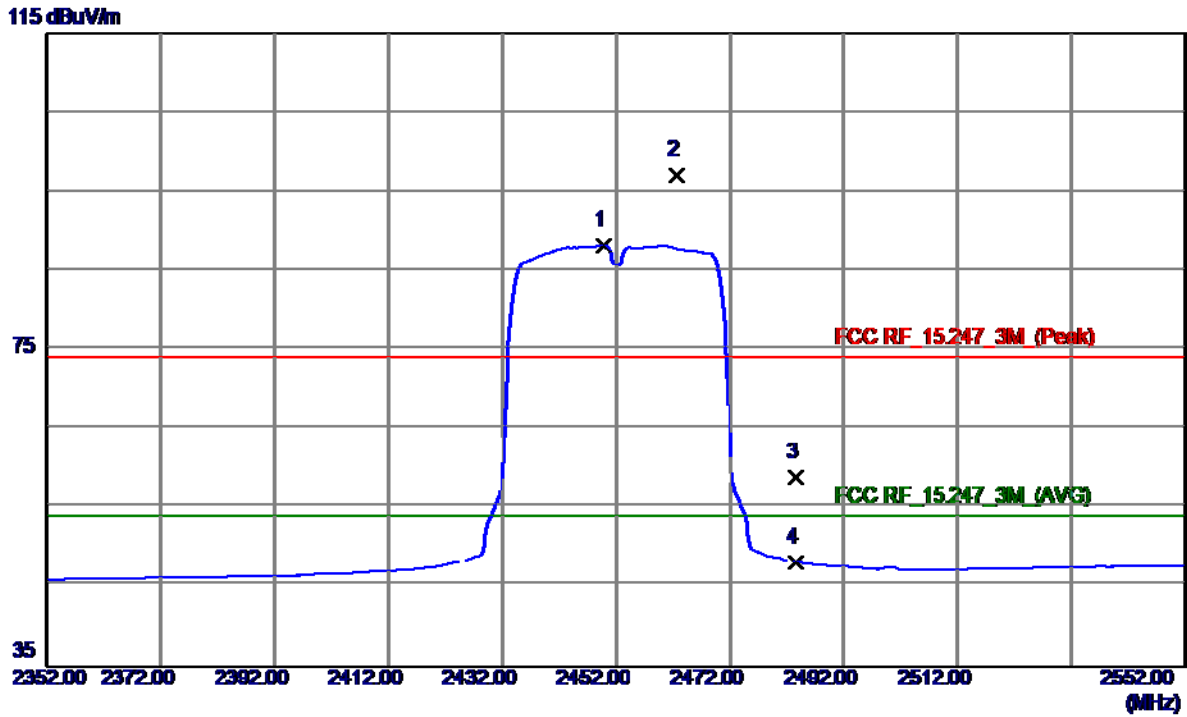
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.5920	34.94	6.44	41.38	74.00	-32.62	Peak	
2 *	4874.8240	23.55	6.44	29.99	54.00	-24.01	AVG	

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

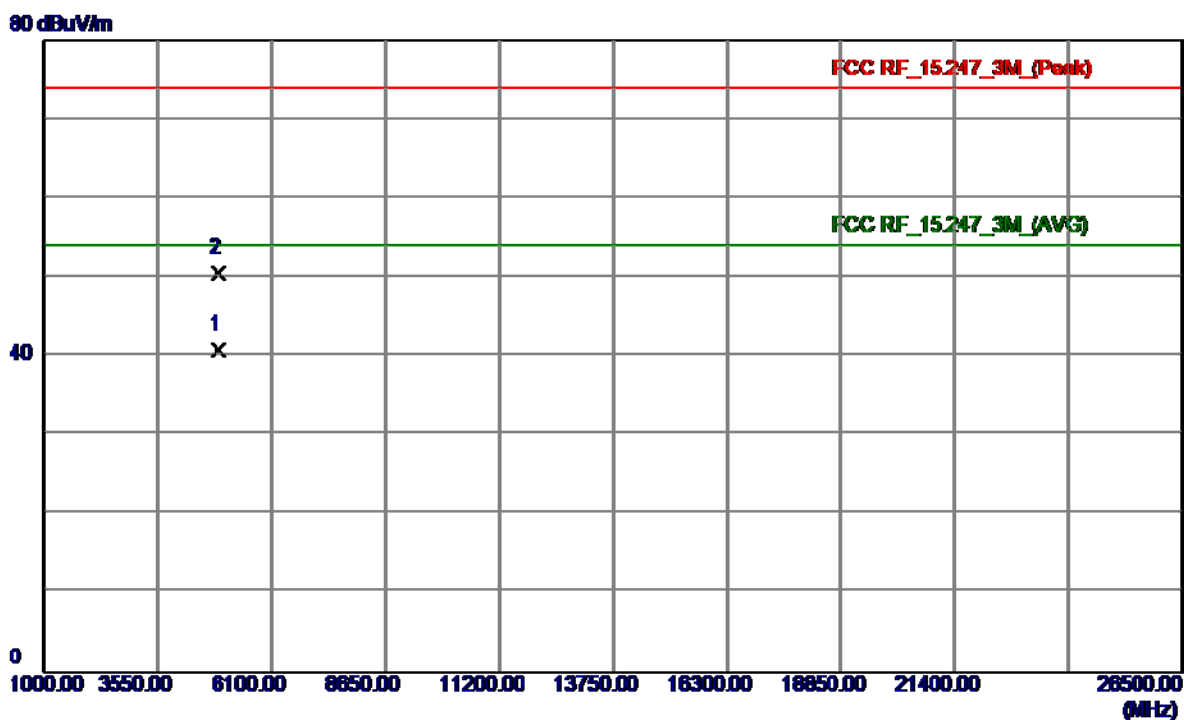
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2449.8000	54.83	33.28	88.11	54.00	34.11	AVG	No Limit
2	2462.6000	63.83	33.33	97.16	74.00	23.16	Peak	No Limit
3	2483.5000	25.38	33.41	58.79	74.00	-15.21	Peak	
4	2483.5000	14.72	33.41	48.13	54.00	-5.87	AVG	

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

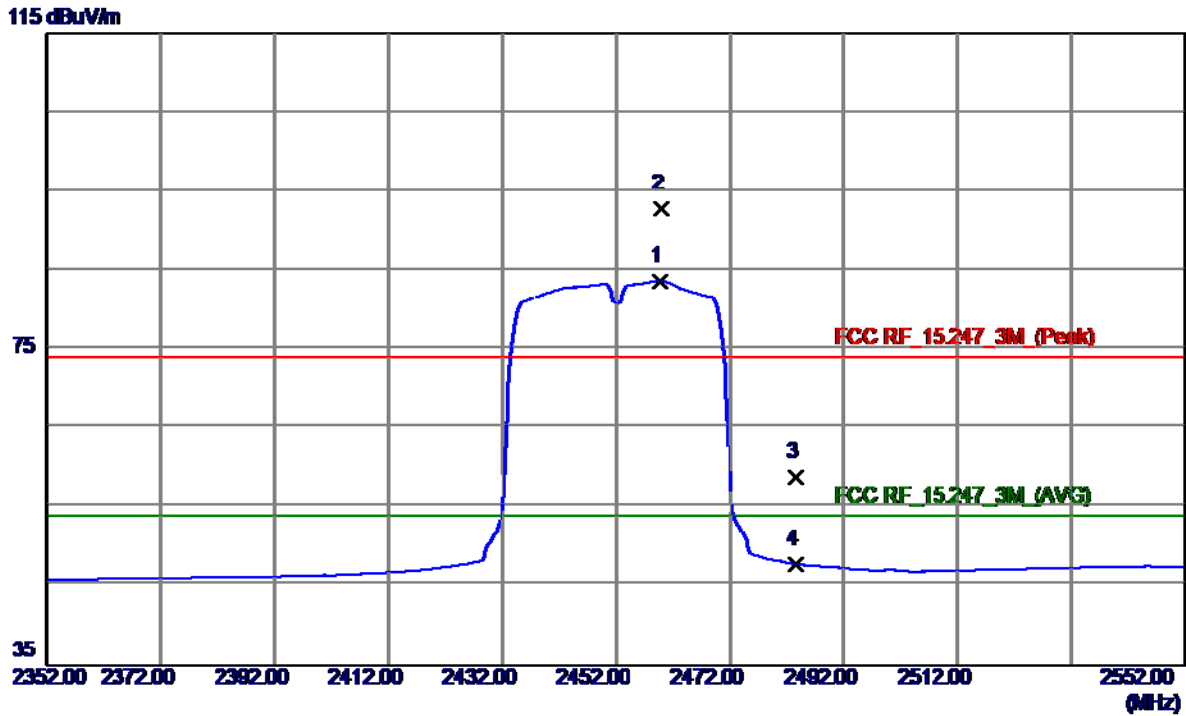
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4900.3000	34.33	6.51	40.84	54.00	-13.16	AVG	
2	4908.1500	44.08	6.53	50.61	74.00	-23.39	Peak	

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

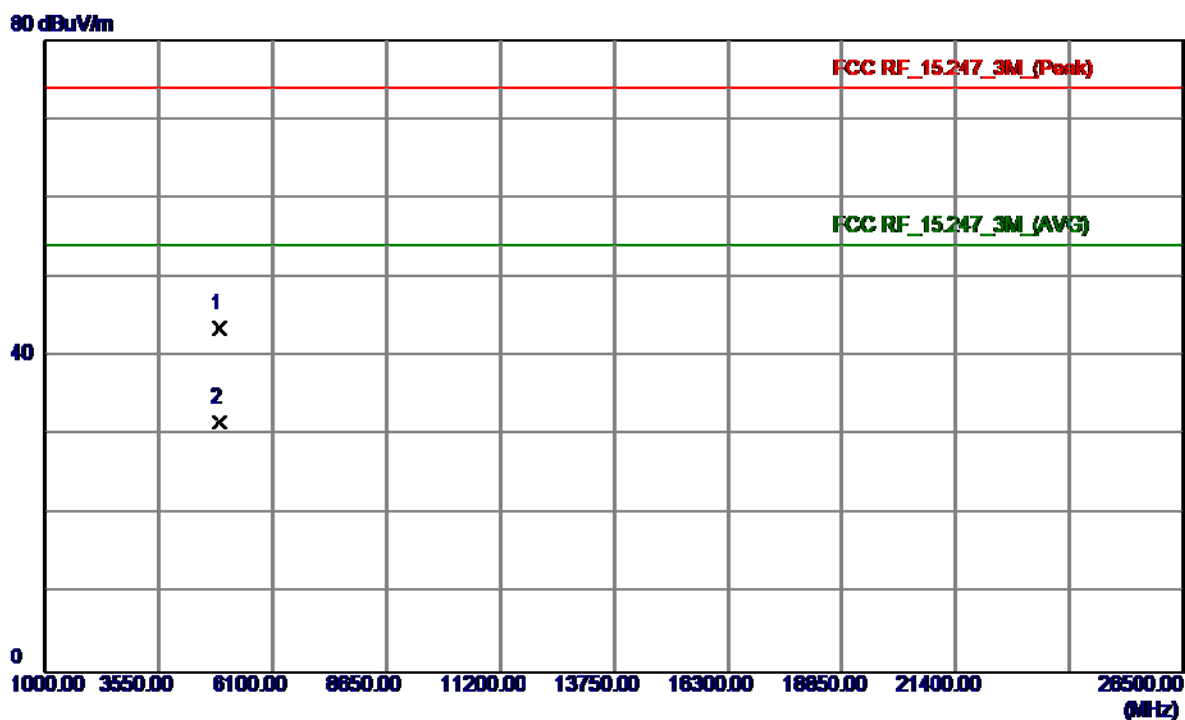
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2459.8000	50.33	33.32	83.65	54.00	29.65	AVG	No Limit
2	2460.0000	59.39	33.32	92.71	74.00	18.71	Peak	No Limit
3	2483.5000	25.42	33.41	58.83	74.00	-15.17	Peak	
4	2483.5000	14.41	33.41	47.82	54.00	-6.18	AVG	

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

Horizontal



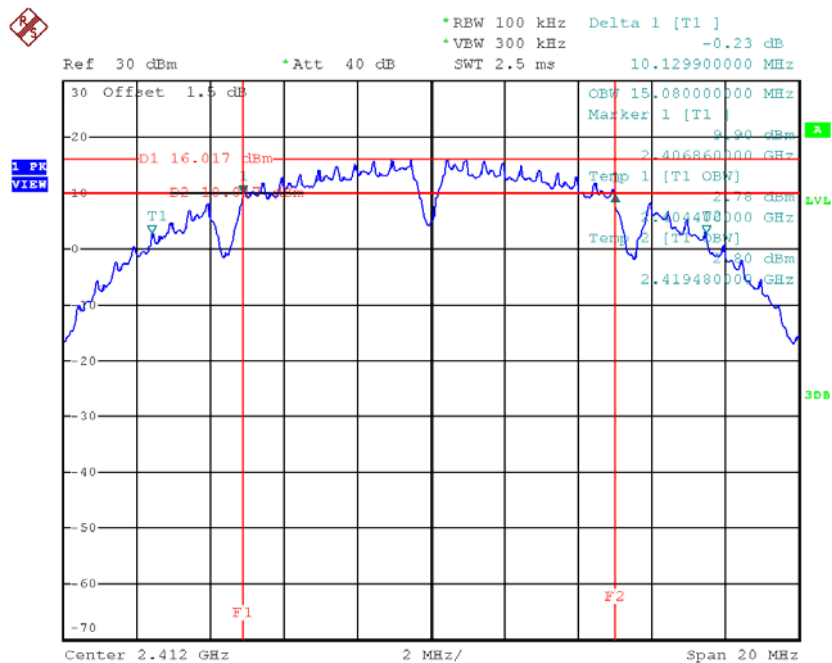
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4903.2820	37.03	6.52	43.55	74.00	-30.45	Peak	
2 *	4904.7340	25.13	6.52	31.65	54.00	-22.35	AVG	

APPENDIXE - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

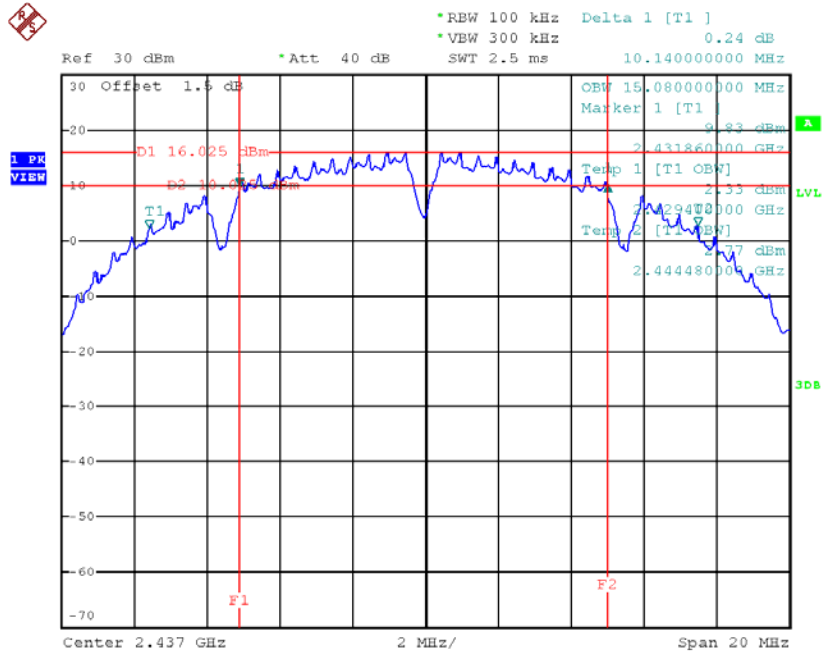
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.13	15.08	500	Complies
2437	10.14	15.08	500	Complies
2462	10.12	15.08	500	Complies

TX CH01



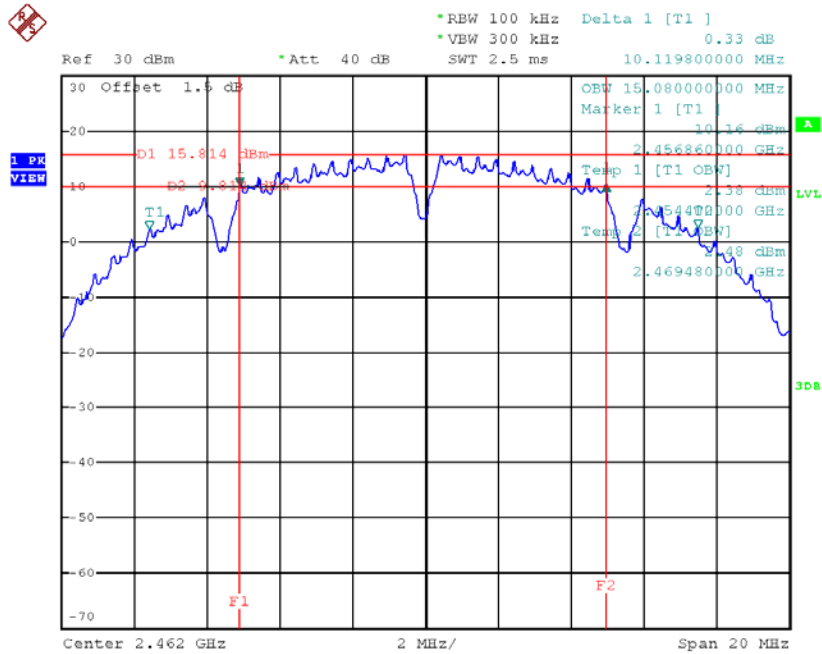
Date: 25.SEP.2017 18:16:14

TX CH06



Date: 25.SEP.2017 18:17:44

TX CH11

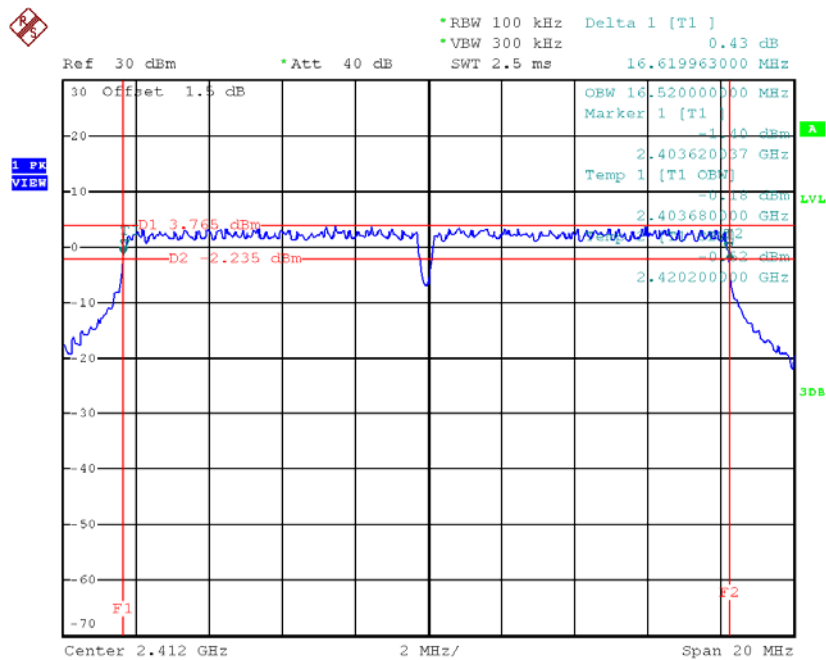


Date: 25.SEP.2017 18:19:09

Test Mode: TX G Mode_CH01/06/11

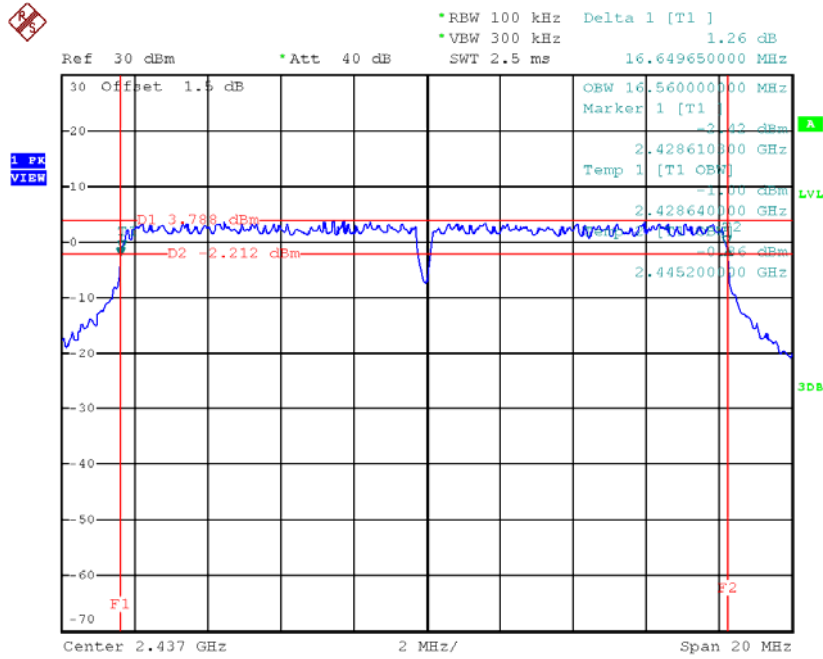
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.62	16.52	500	Complies
2437	16.65	16.56	500	Complies
2462	16.65	16.48	500	Complies

TX CH01



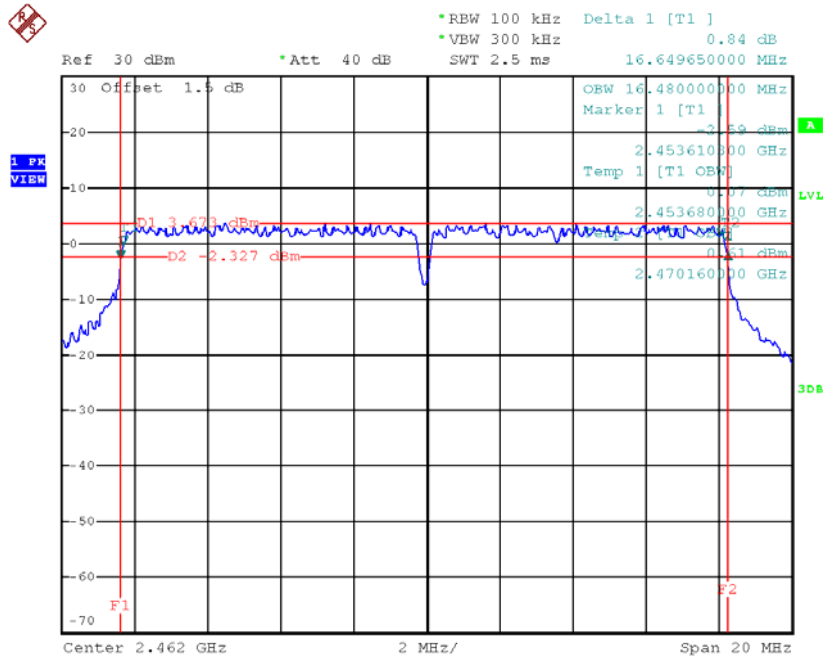
Date: 25.SEP.2017 18:21:18

TX CH06



Date: 25.SEP.2017 18:22:34

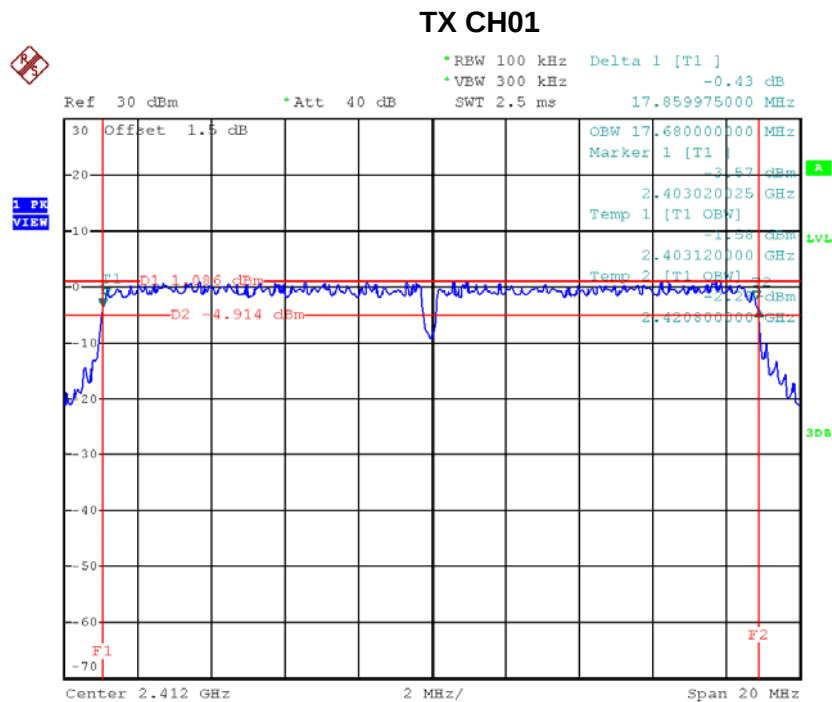
TX CH11



Date: 25.SEP.2017 18:24:17

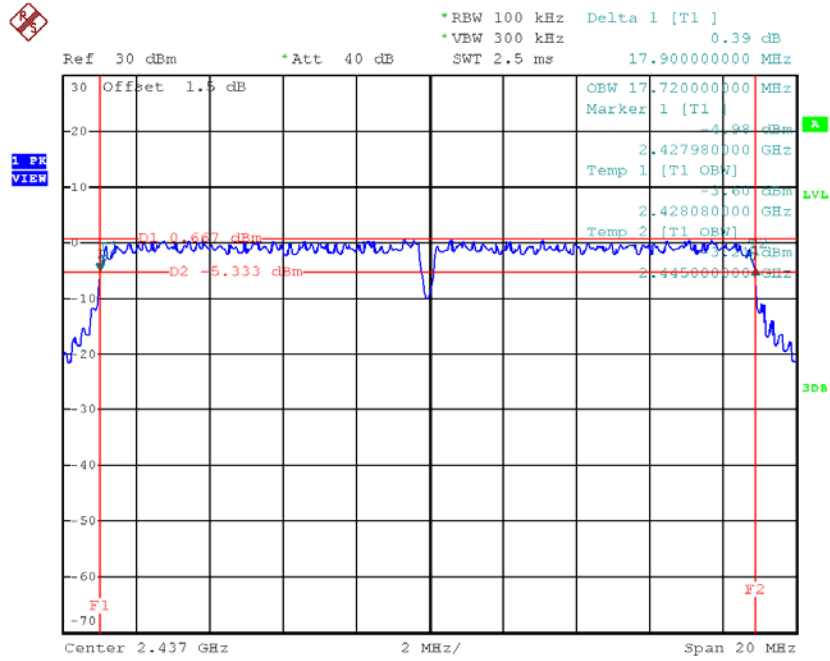
Test Mode : TX N-20MHz Mode_CH01/06/11

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



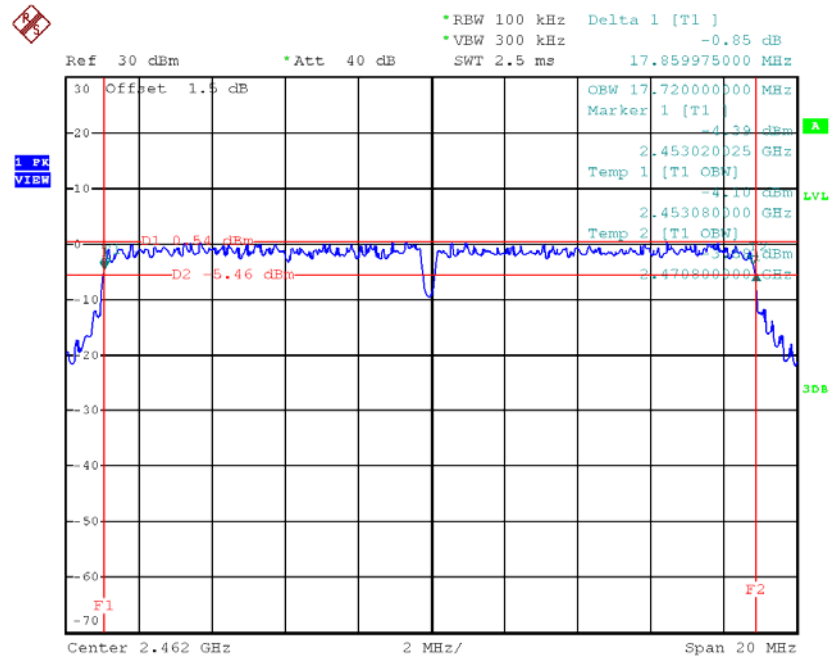
Date: 25.SEP.2017 18:27:16

TX CH06



Date: 25.SEP.2017 18:28:31

TX CH11

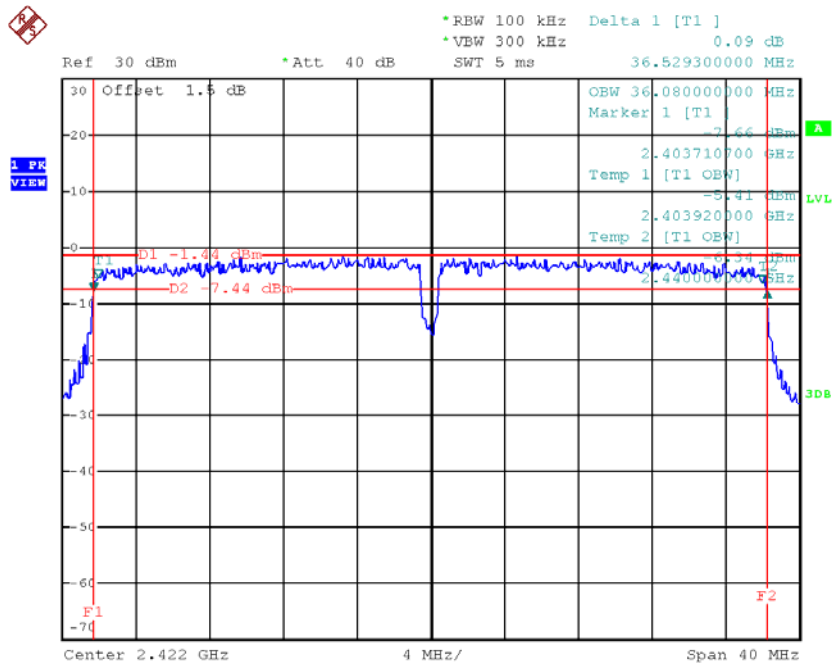


Date: 25.SEP.2017 18:29:30

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

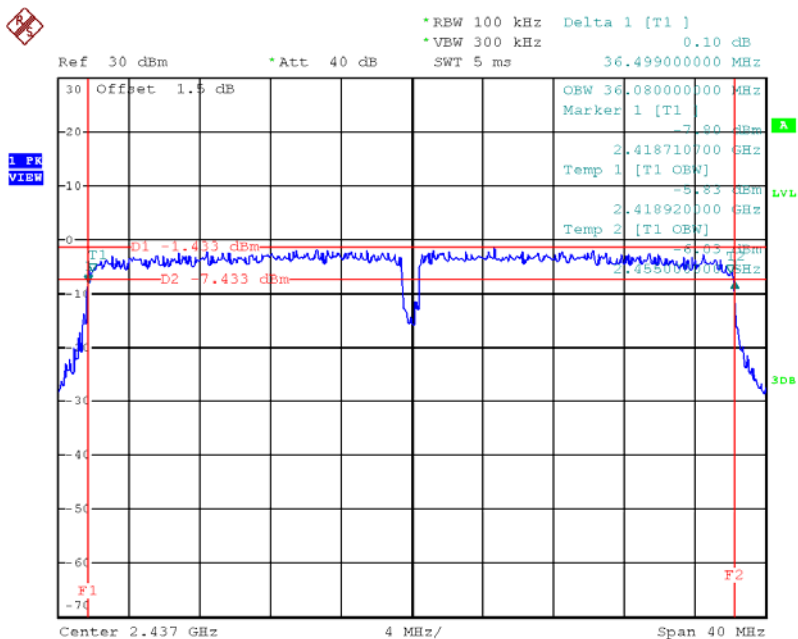
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.53	36.08	500	Complies
2437	36.50	36.08	500	Complies
2452	36.49	36.16	500	Complies

TX CH03



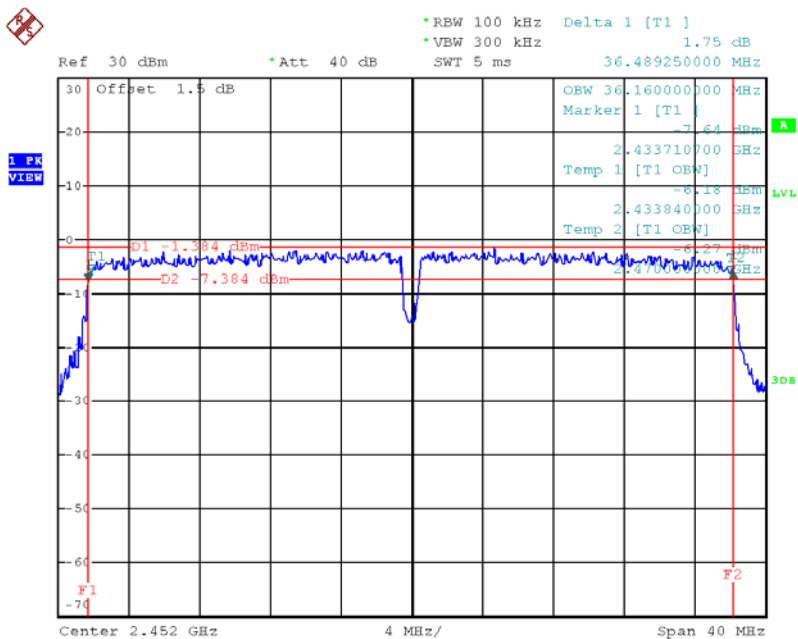
Date: 25.SEP.2017 18:35:37

TX CH06



Date: 25.SEP.2017 18:36:51

TX CH09



Date: 25.SEP.2017 18:37:48

APPENDIXF- 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	25.81	0.38	30.00	1.00	Complies
2437	26.53	0.45	30.00	1.00	Complies
2462	25.68	0.37	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	29.39	0.87	30.00	1.00	Complies
2437	29.51	0.89	30.00	1.00	Complies
2462	29.45	0.88	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	26.71	0.47	30.00	1.00	Complies
2437	26.45	0.44	30.00	1.00	Complies
2462	26.27	0.42	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	26.69	0.47	30.00	1.00	Complies
2437	26.51	0.45	30.00	1.00	Complies
2462	26.55	0.45	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	29.71	0.94	30.00	1.00	Complies
2437	29.49	0.89	30.00	1.00	Complies
2462	29.42	0.88	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	26.38	0.43	30.00	1.00	Complies
2437	26.22	0.42	30.00	1.00	Complies
2452	26.07	0.40	30.00	1.00	Complies

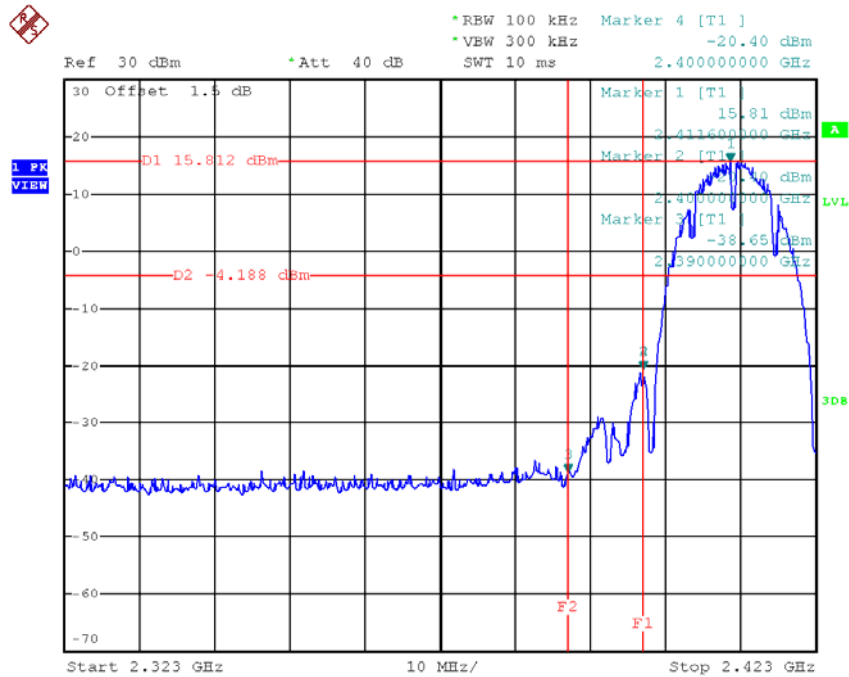
Test Mode :TX N40 Mode_CH03/06/09_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	26.24	0.42	30.00	1.00	Complies
2437	26.15	0.41	30.00	1.00	Complies
2452	26.12	0.41	30.00	1.00	Complies

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	29.32	0.86	30.00	1.00	Complies
2437	29.20	0.83	30.00	1.00	Complies
2452	29.11	0.81	30.00	1.00	Complies

APPENDIXG - ANTENNA CONDUCTED SPURIOUS EMISSION

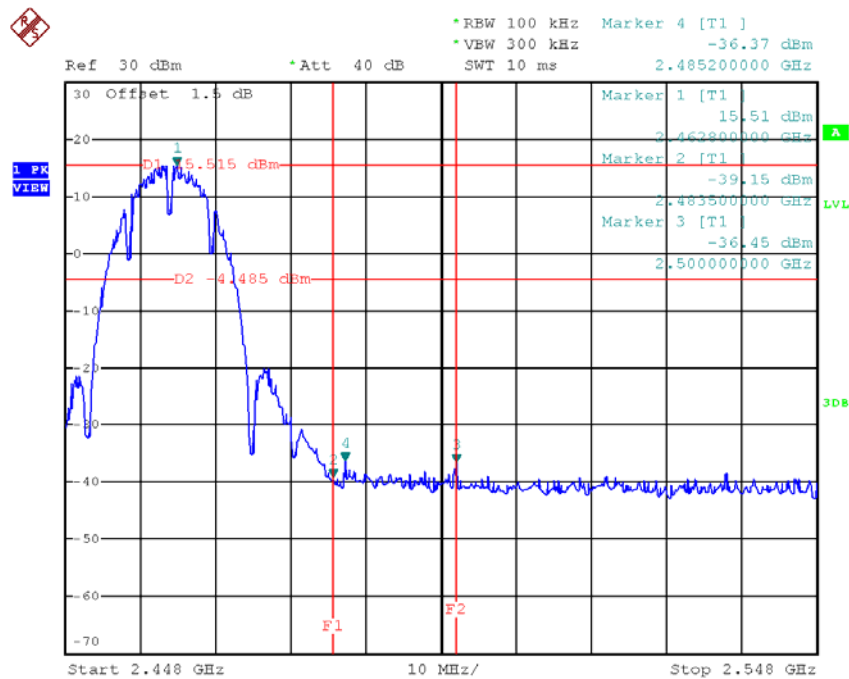
Test Mode : TX B Mode_ANT 1

TX B mode CH01



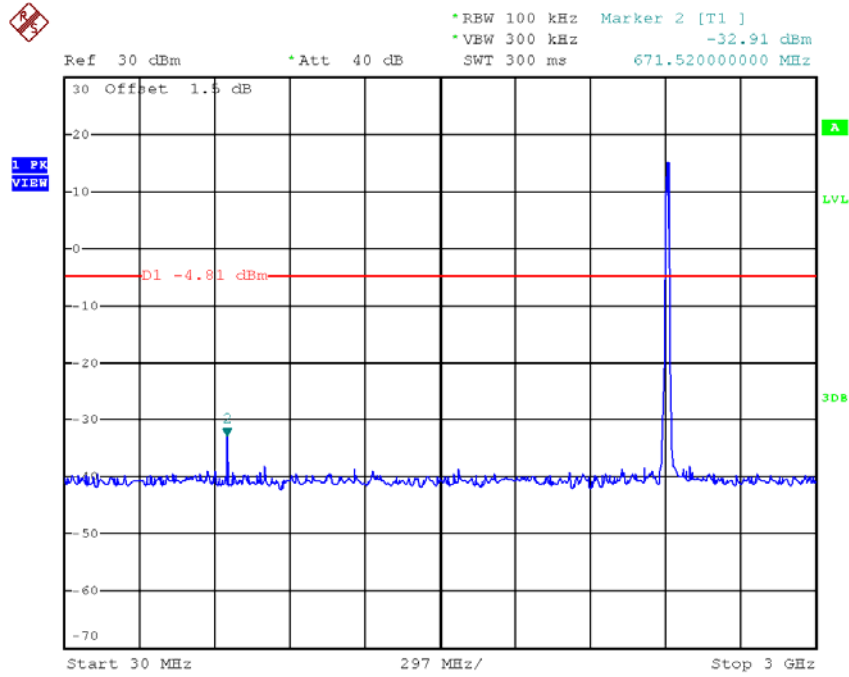
Date: 25.SEP.2017 18:16:48

TX B modeCH11

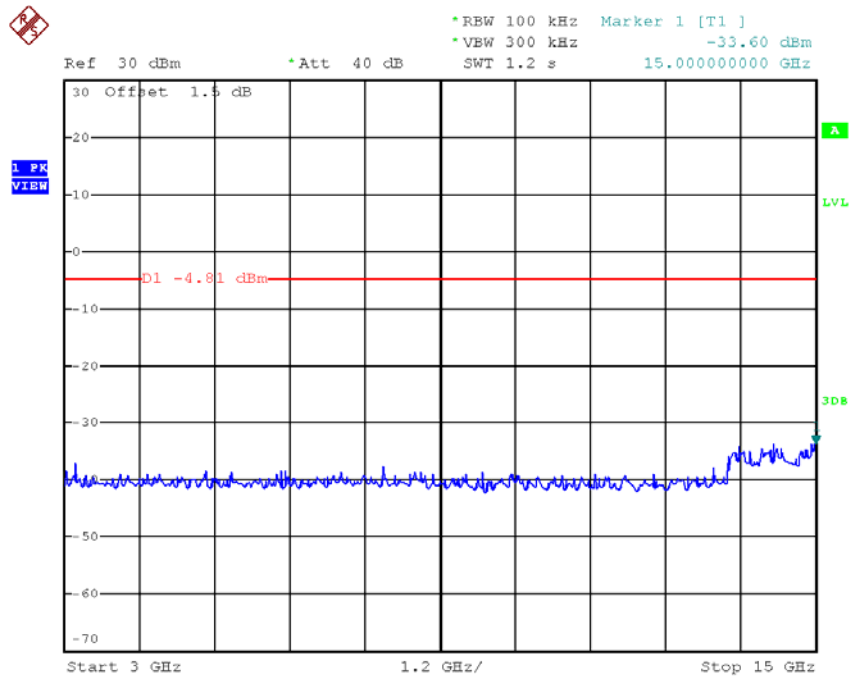


Date: 25.SEP.2017 18:19:42

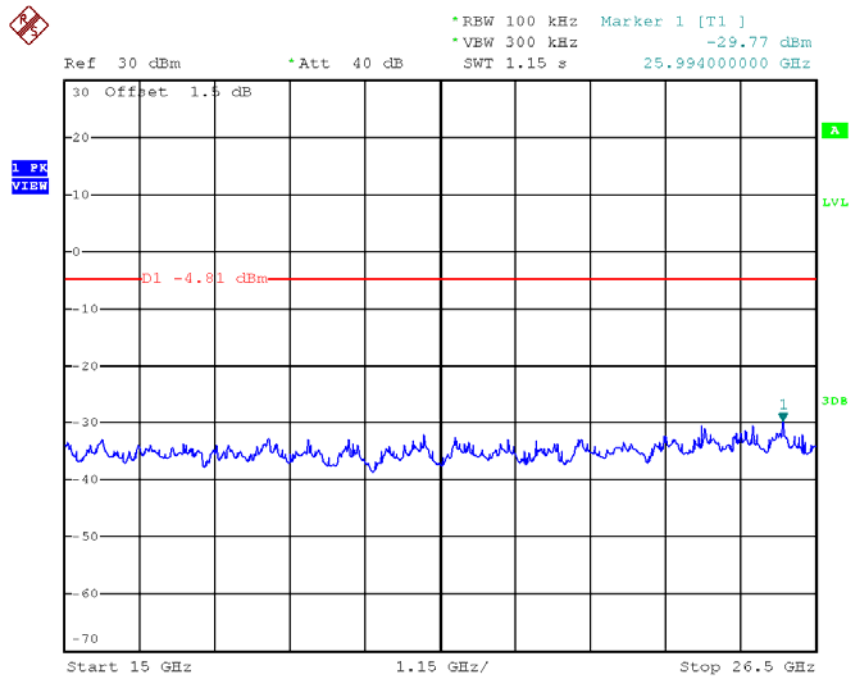
TX B mode CH01 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:16:27

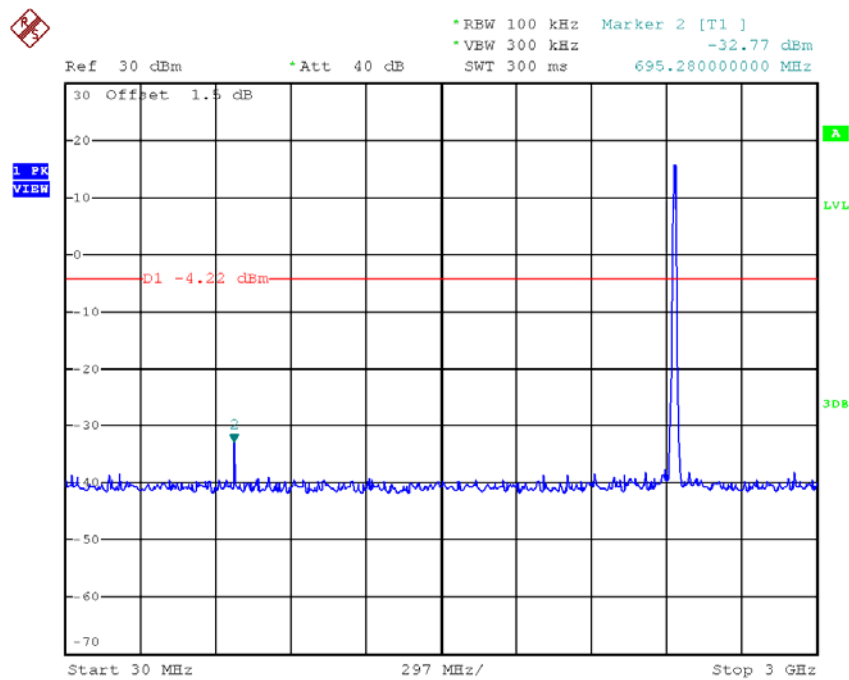


Date: 25.SEP.2017 18:16:34

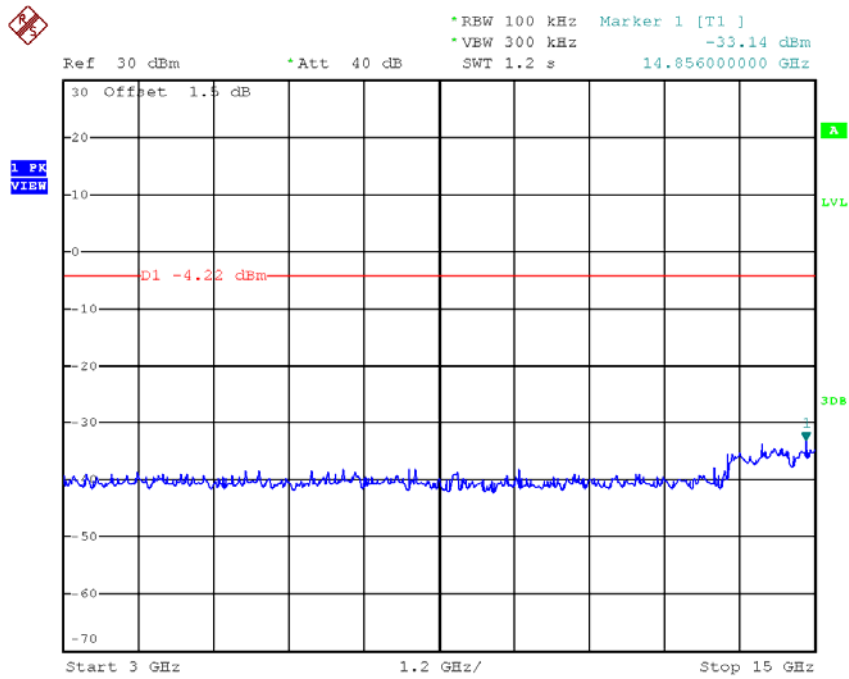


Date: 25.SEP.2017 18:16:41

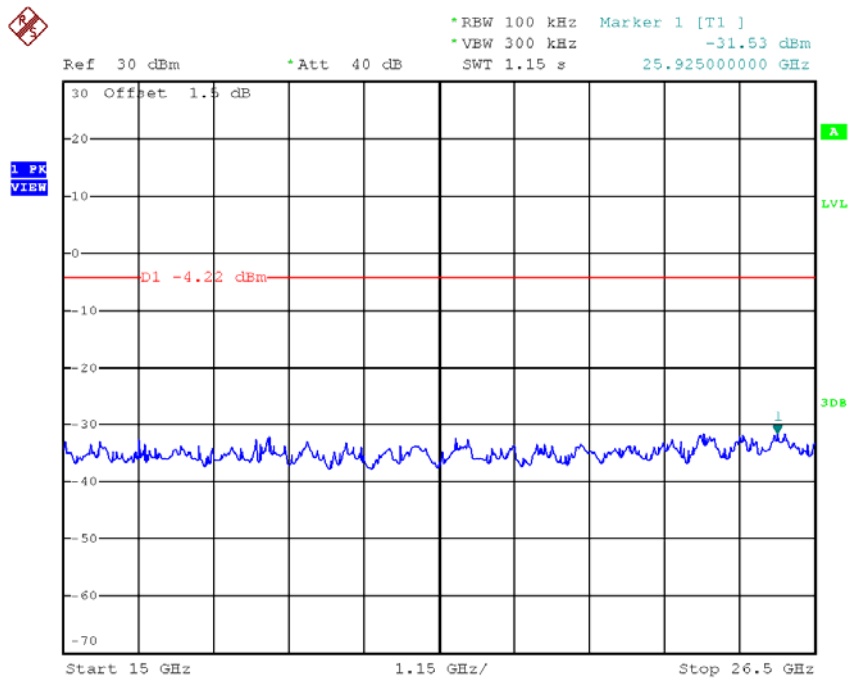
TX B mode CH06 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:17:58

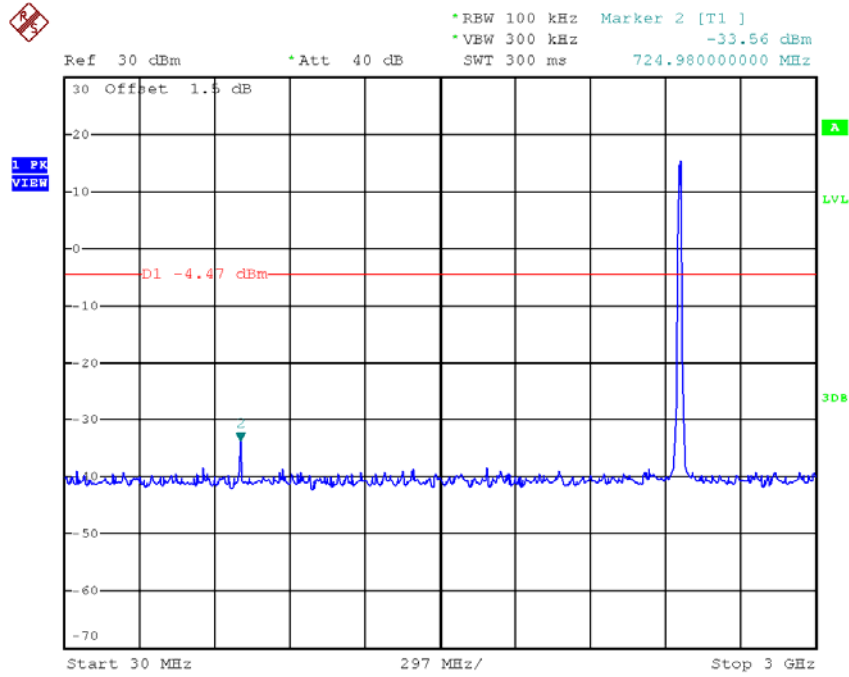


Date: 25.SEP.2017 18:18:05

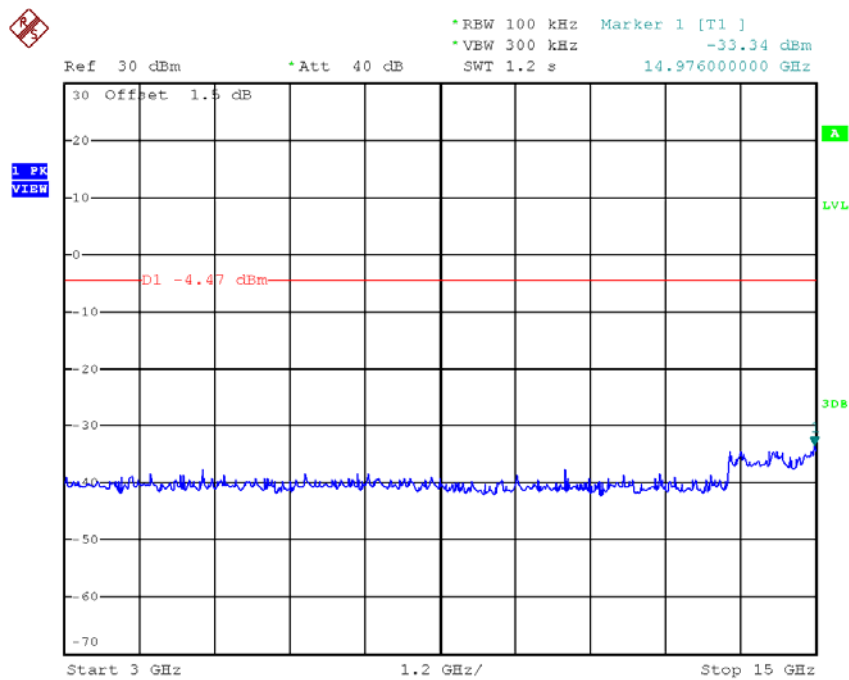


Date: 25.SEP.2017 18:18:12

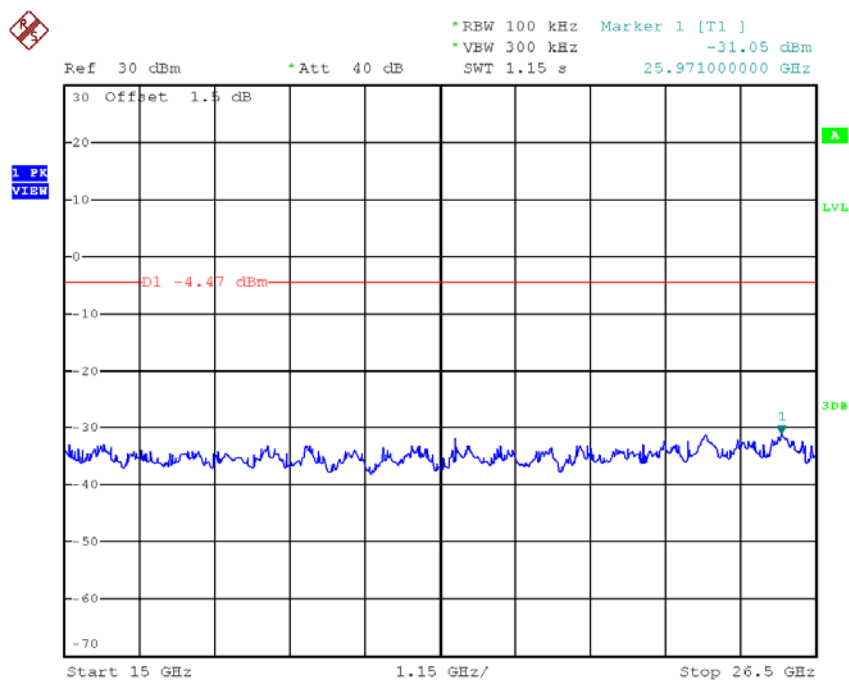
TX B mode CH11 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:19:22



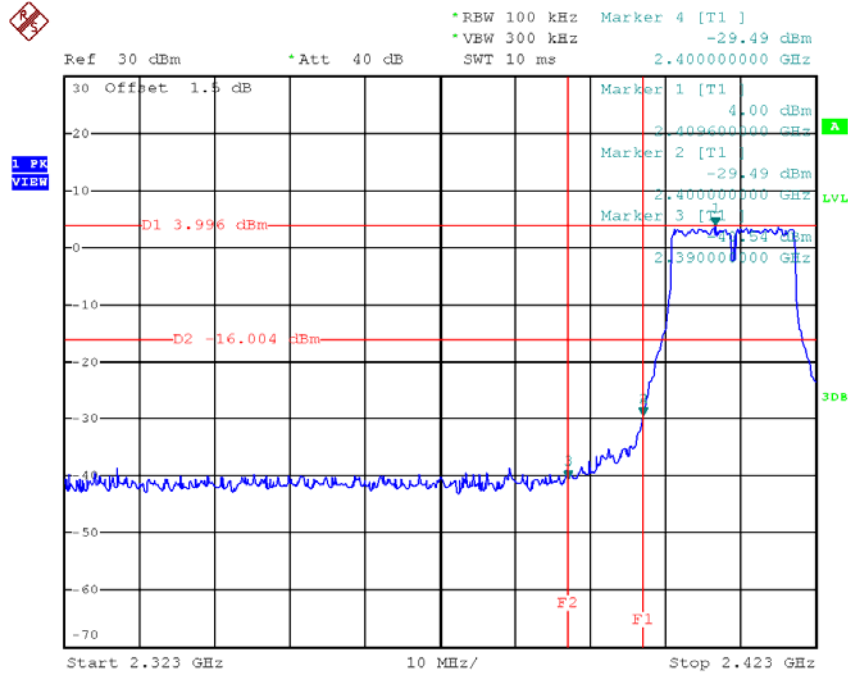
Date: 25.SEP.2017 18:19:29



Date: 25.SEP.2017 18:19:36

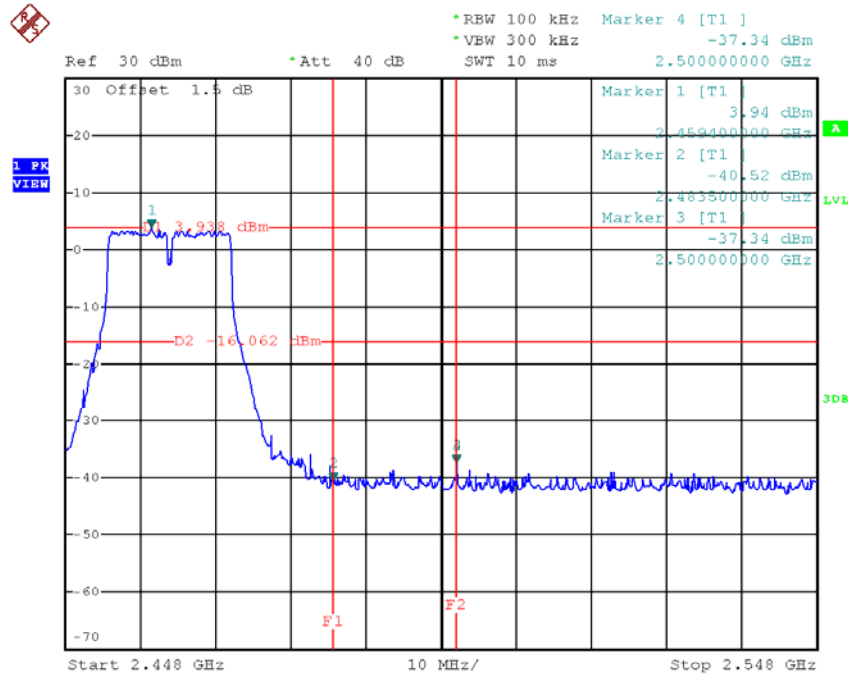
Test Mode : TX G Mode_ANT 1

TX G mode CH01



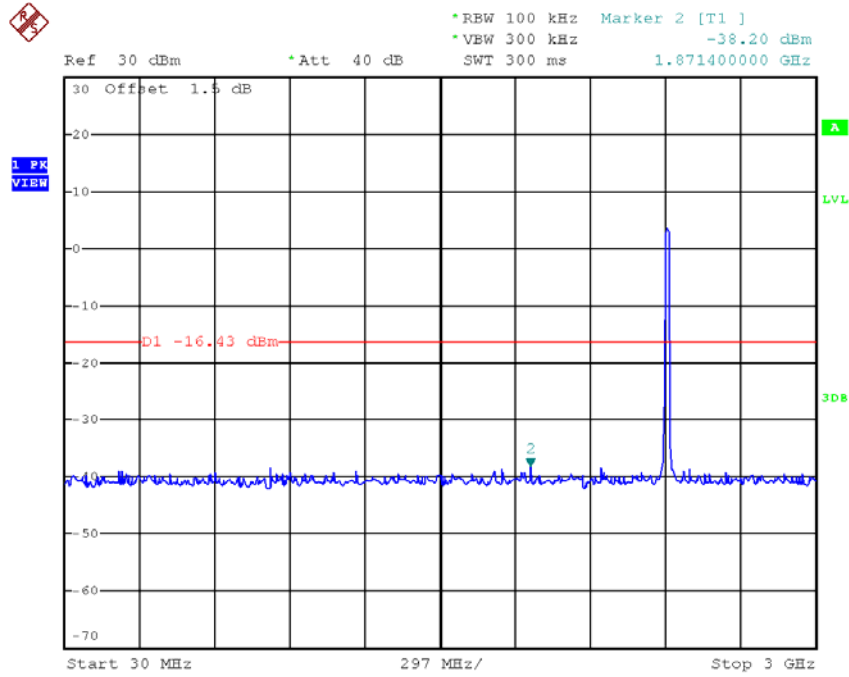
Date: 25.SEP.2017 18:21:52

TX G modeCH11

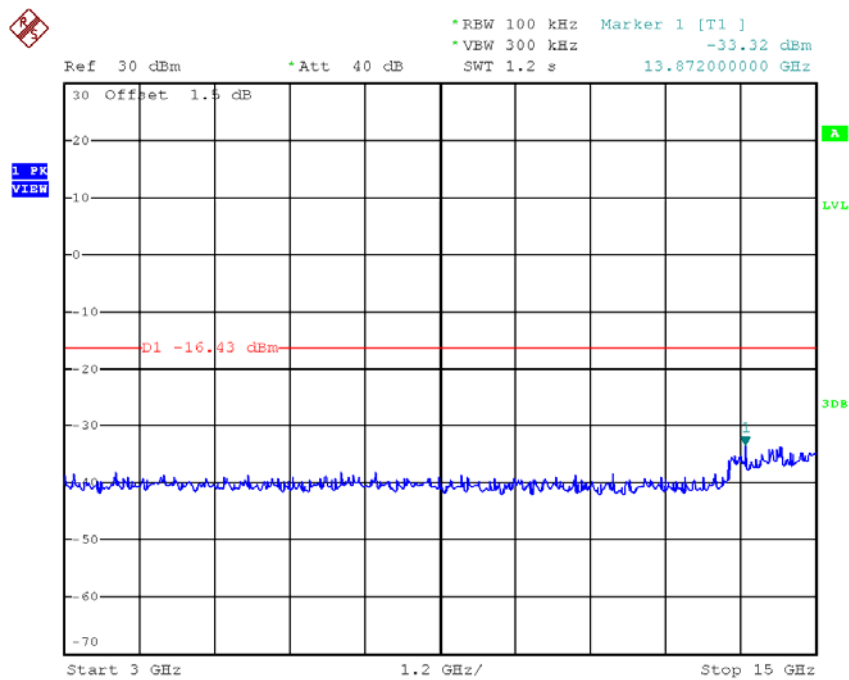


Date: 25.SEP.2017 18:24:50

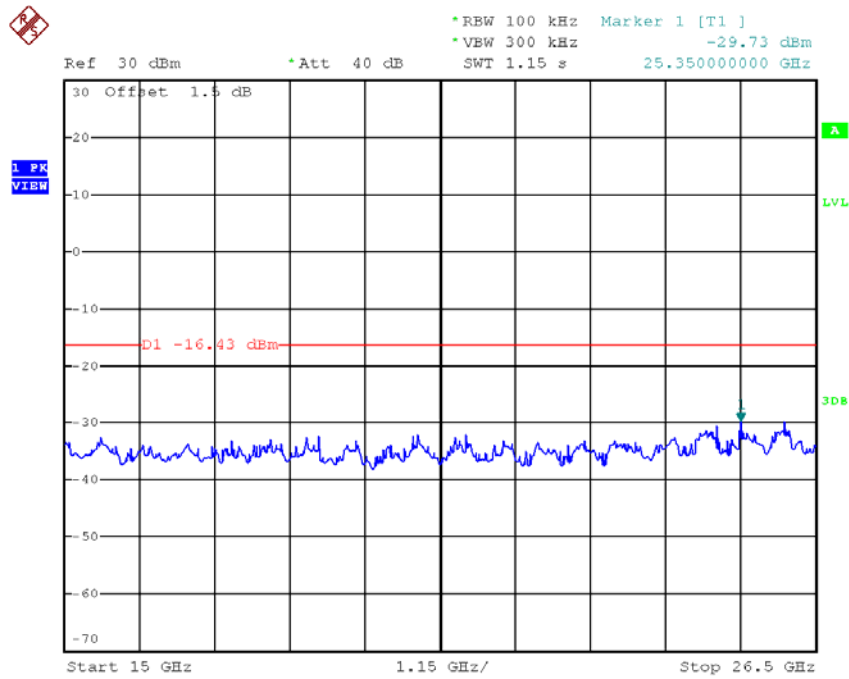
TX G mode CH01 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:21:31

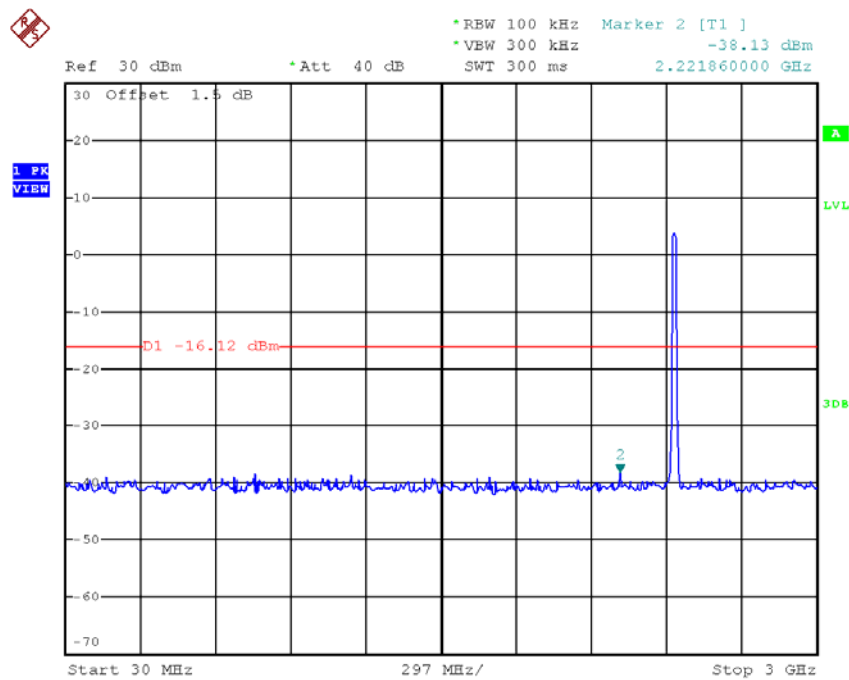


Date: 25.SEP.2017 18:21:38

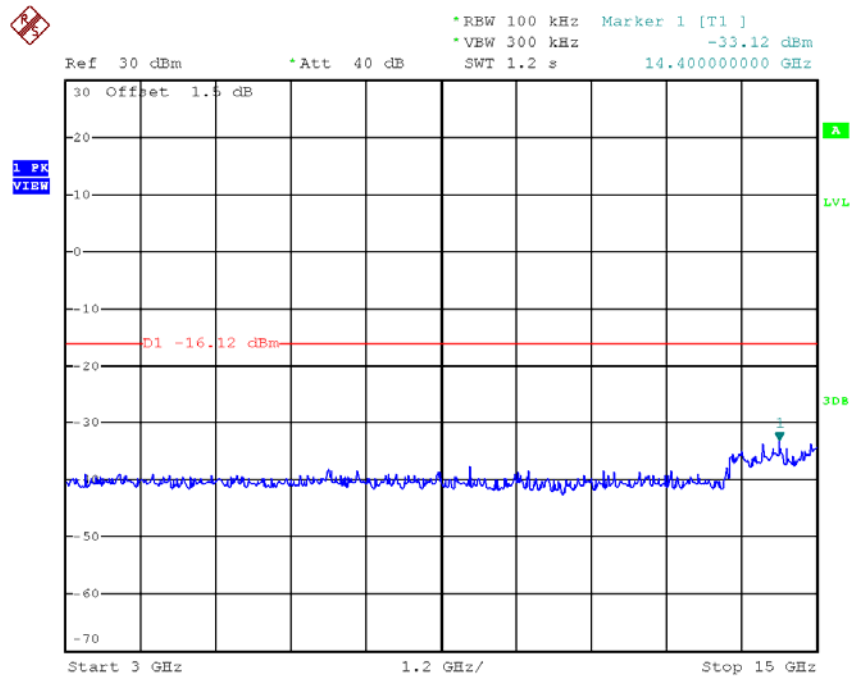


Date: 25.SEP.2017 18:21:45

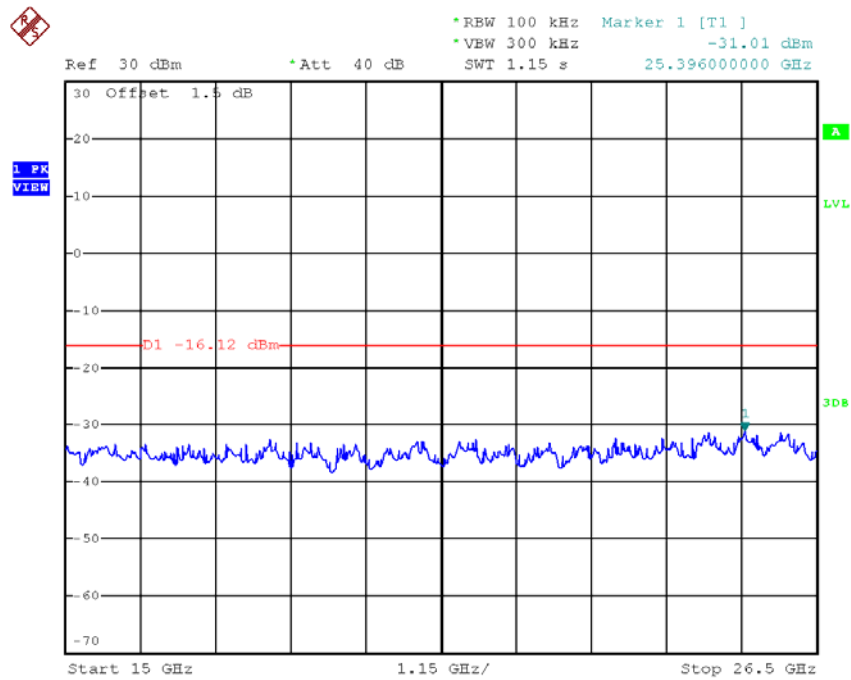
TX G mode CH06 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:22:47

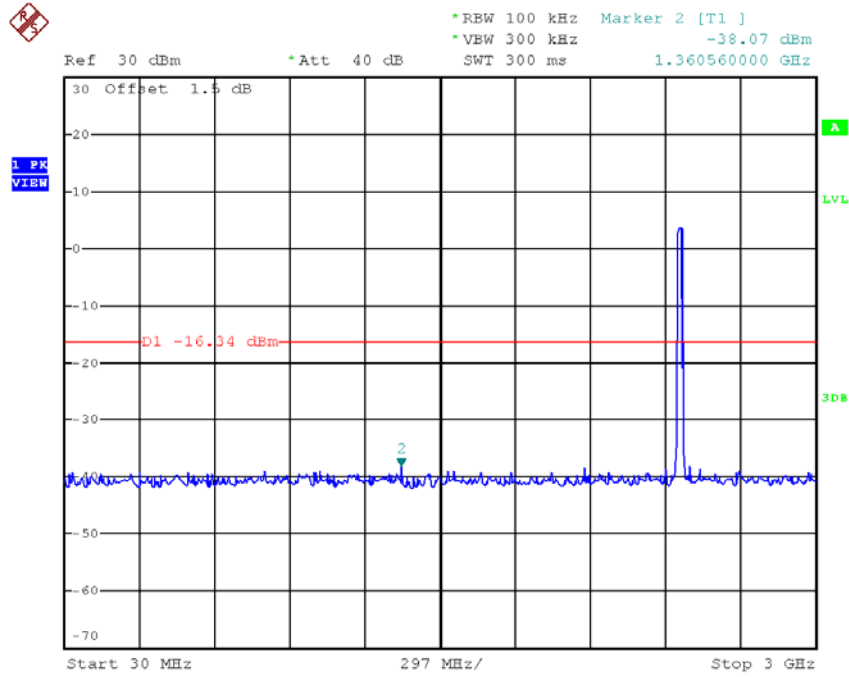


Date: 25.SEP.2017 18:22:54

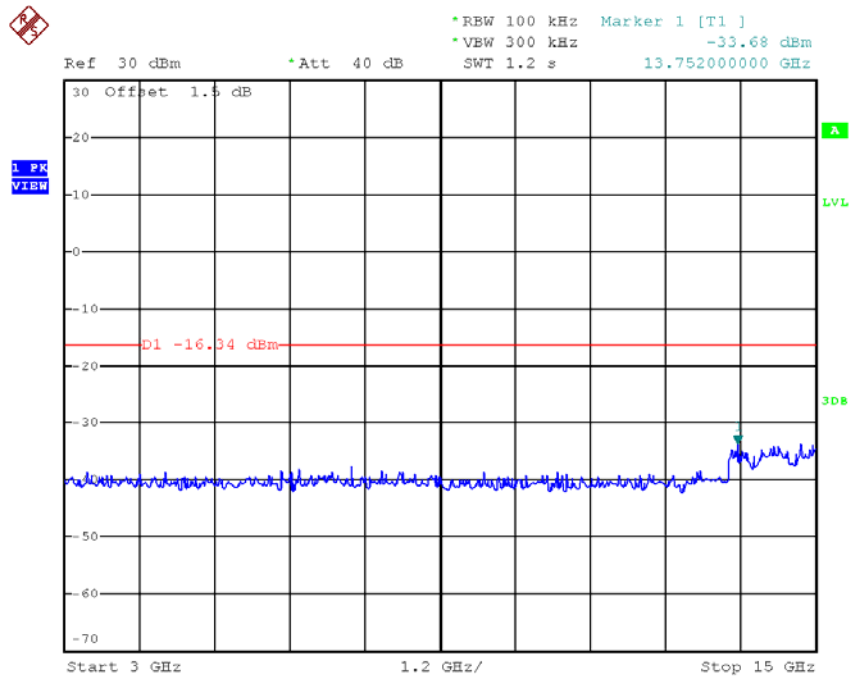


Date: 25.SEP.2017 18:23:01

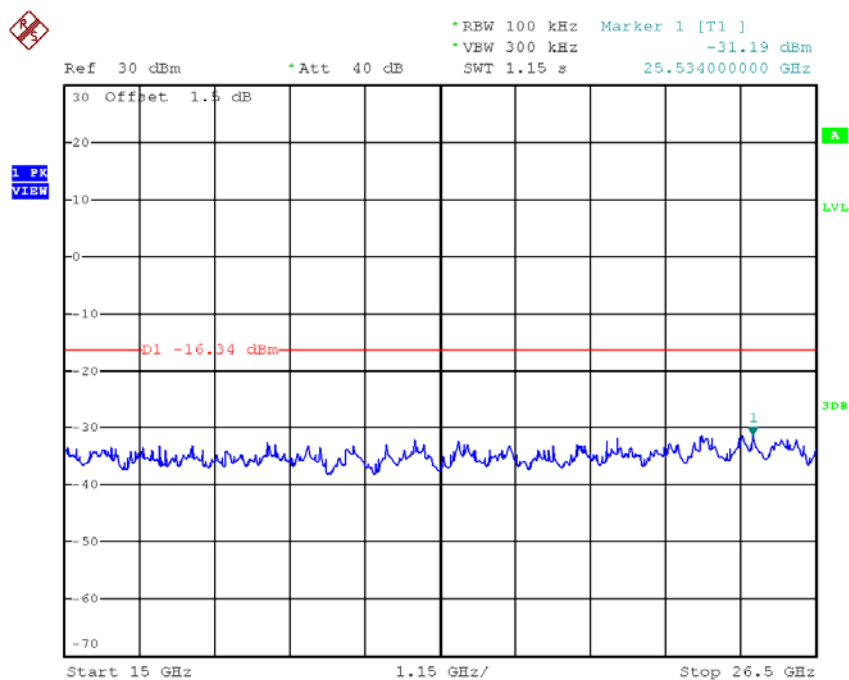
TX G mode CH11 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:24:30



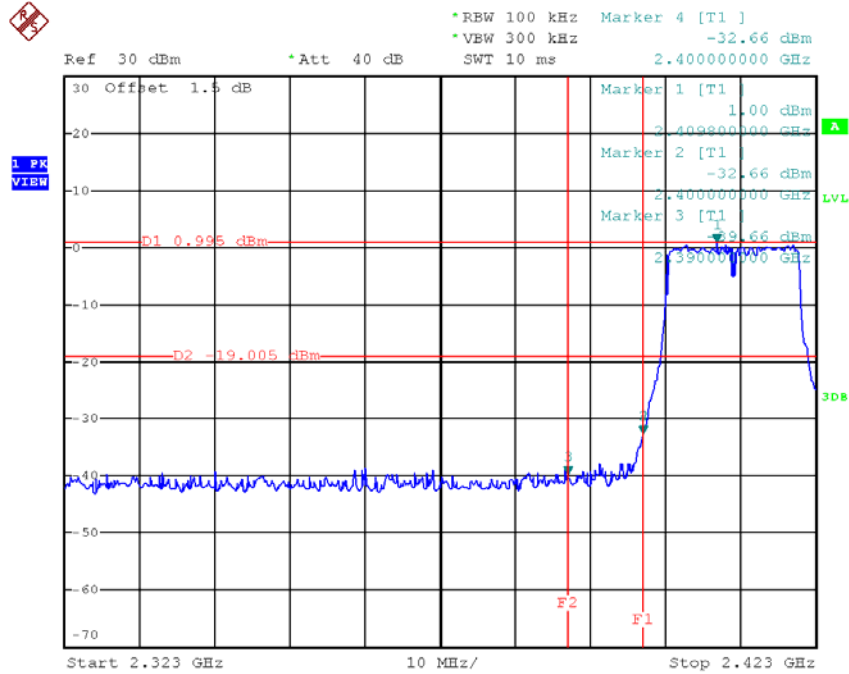
Date: 25.SEP.2017 18:24:37



Date: 25.SEP.2017 18:24:43

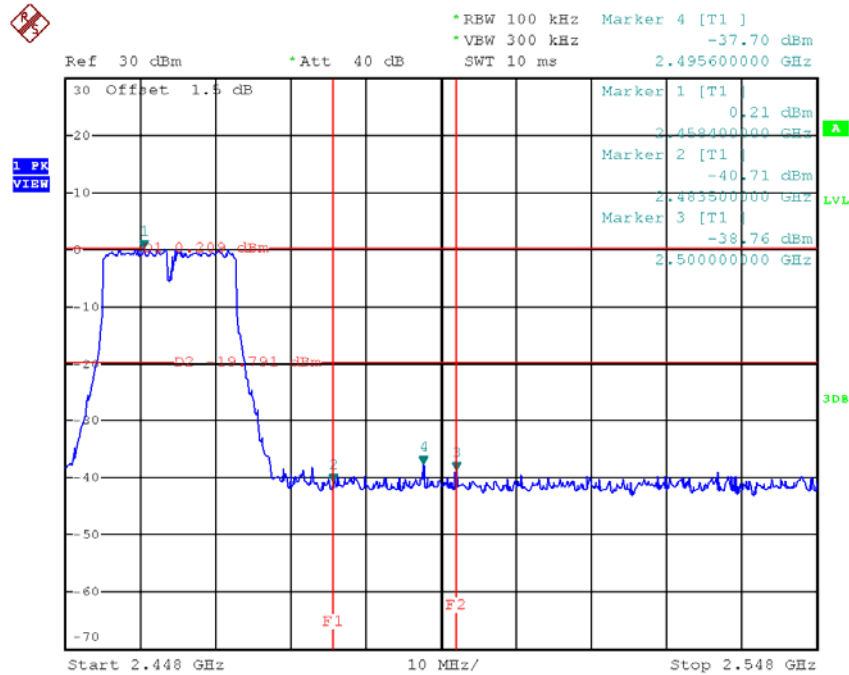
Test Mode : TX N-20M Mode_ANT 1

TX HT20 mode CH01



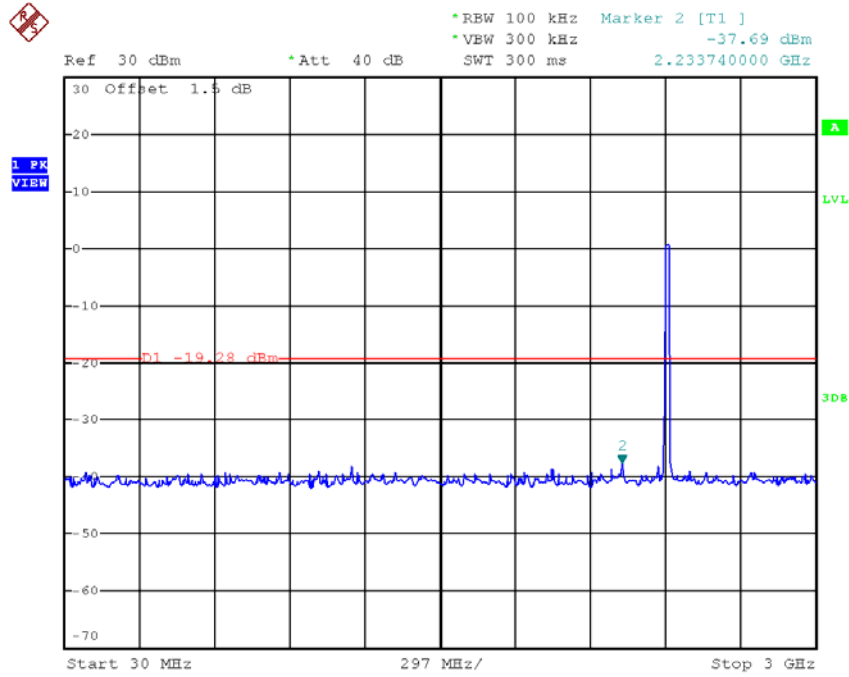
Date: 25.SEP.2017 18:27:50

TX HT20 mode CH11

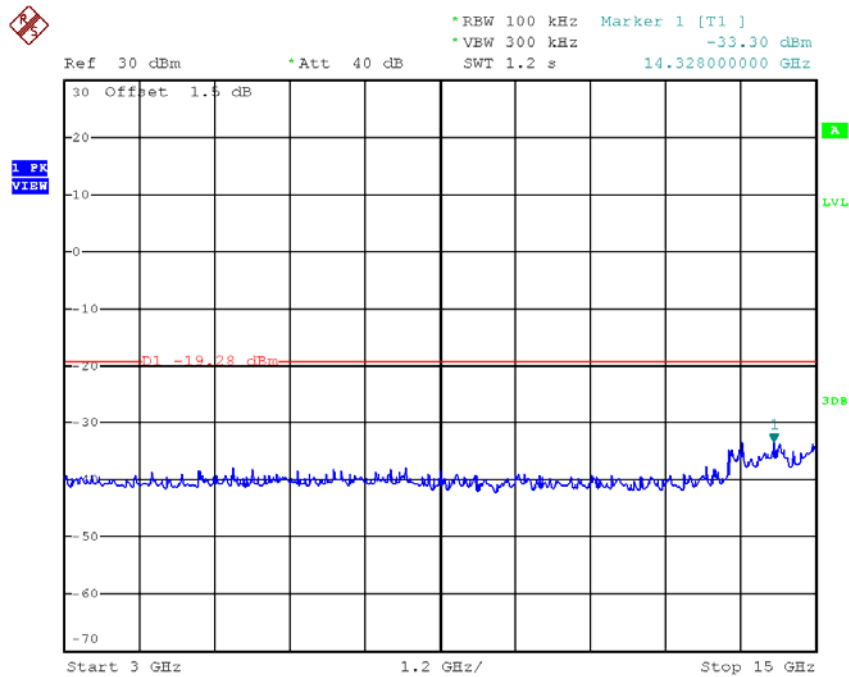


Date: 25.SEP.2017 18:30:03

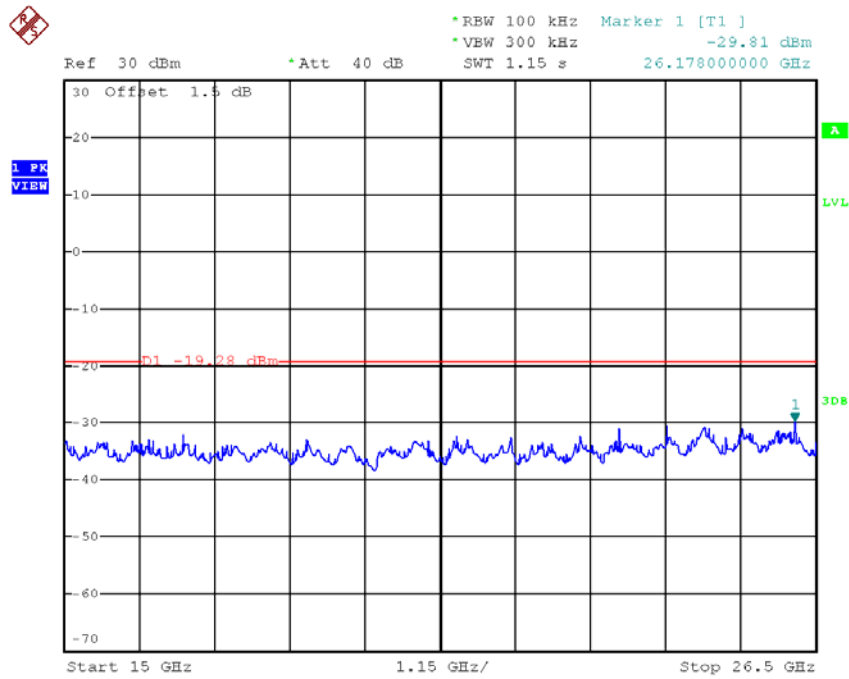
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:27:30

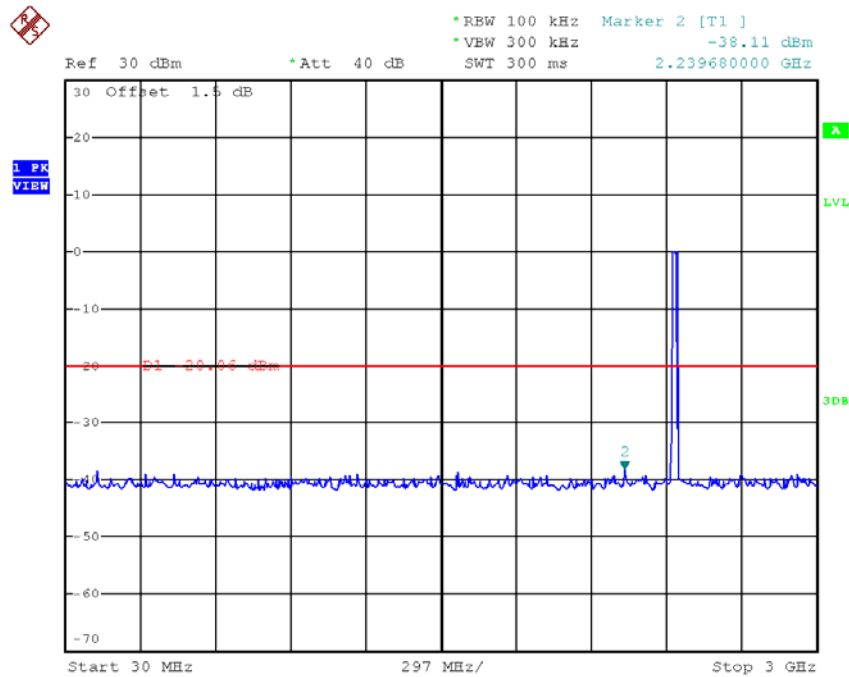


Date: 25.SEP.2017 18:27:36

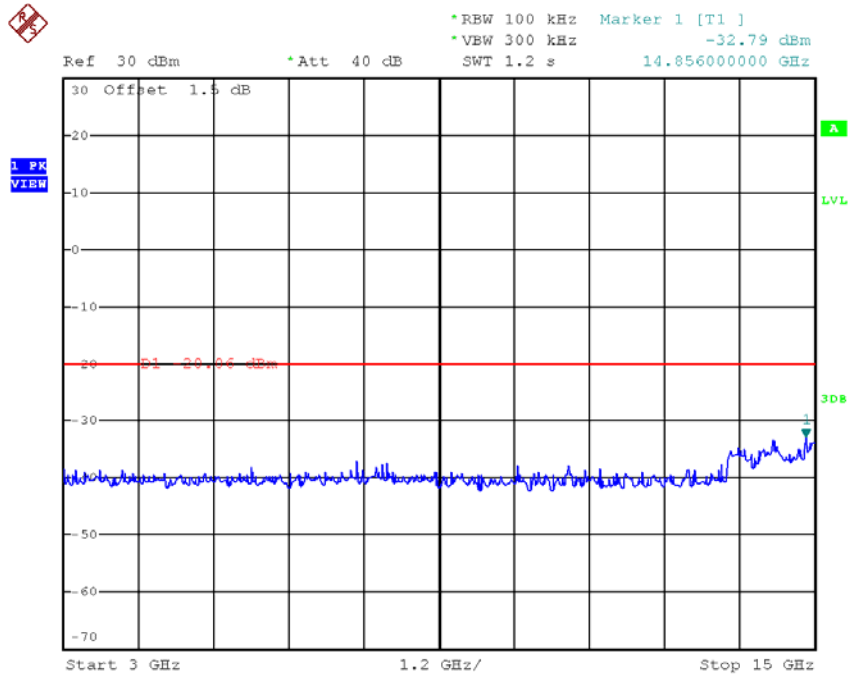


Date: 25.SEP.2017 18:27:43

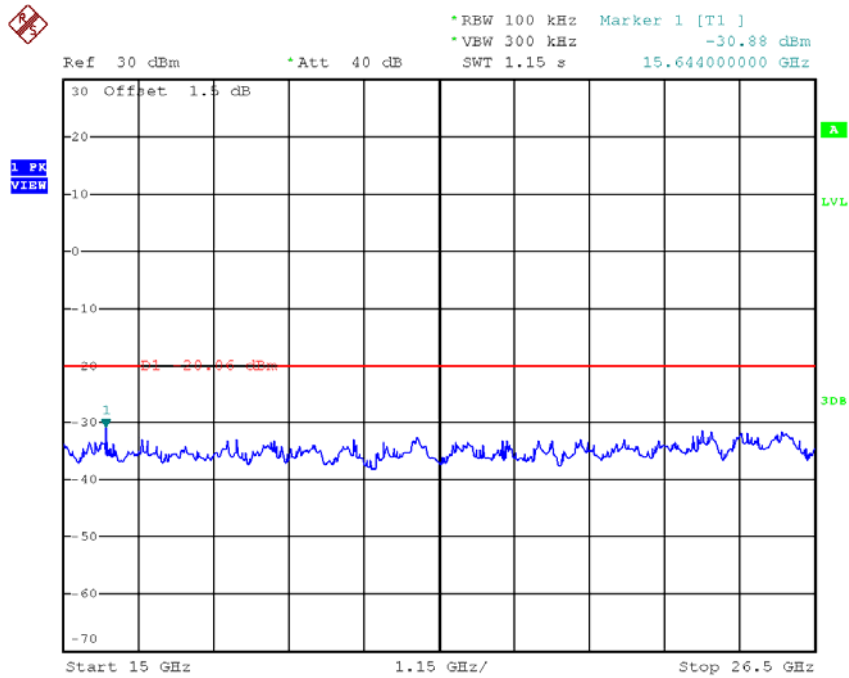
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:28:44

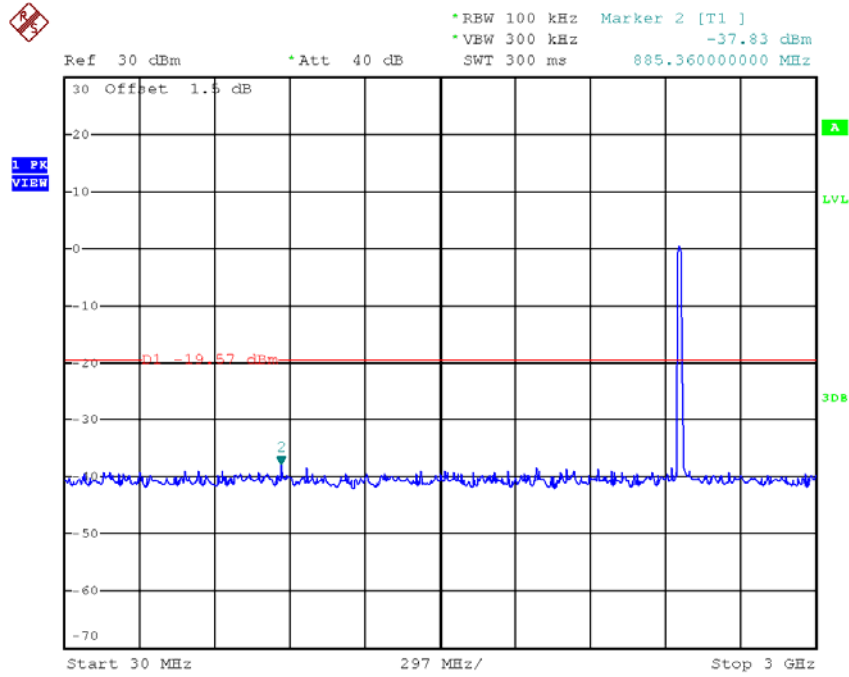


Date: 25.SEP.2017 18:28:51

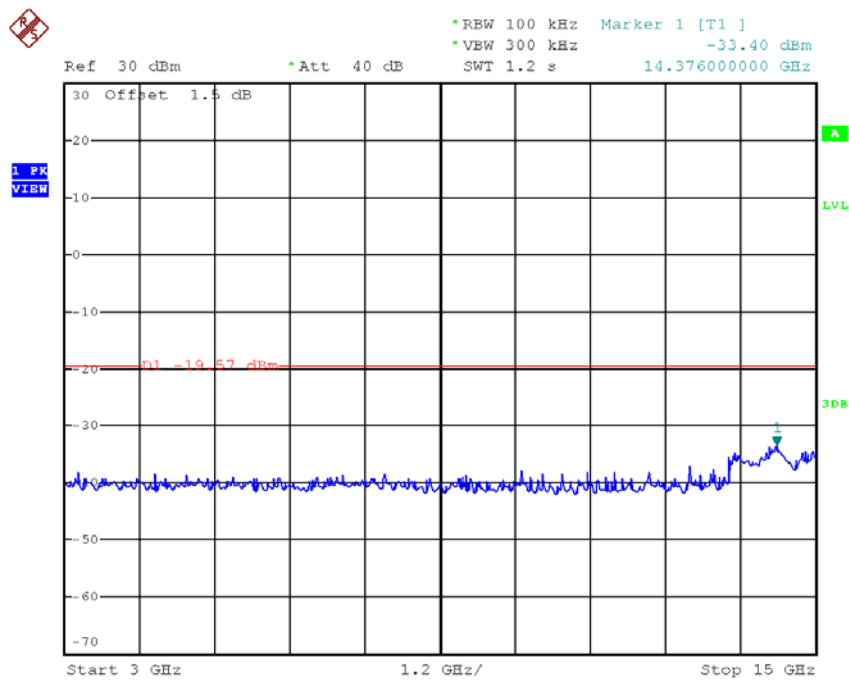


Date: 25.SEP.2017 18:28:58

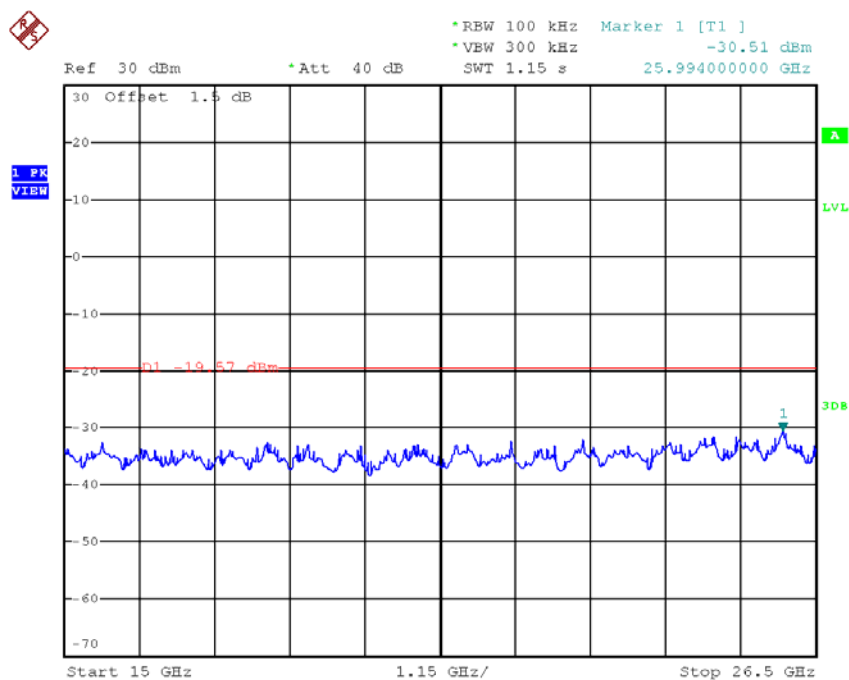
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:29:43



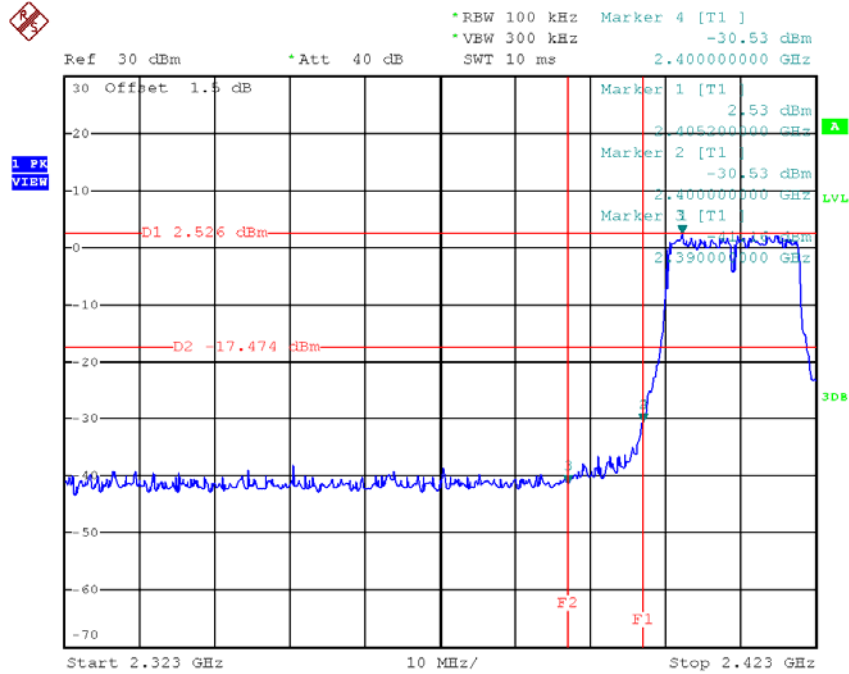
Date: 25.SEP.2017 18:29:50



Date: 25.SEP.2017 18:29:56

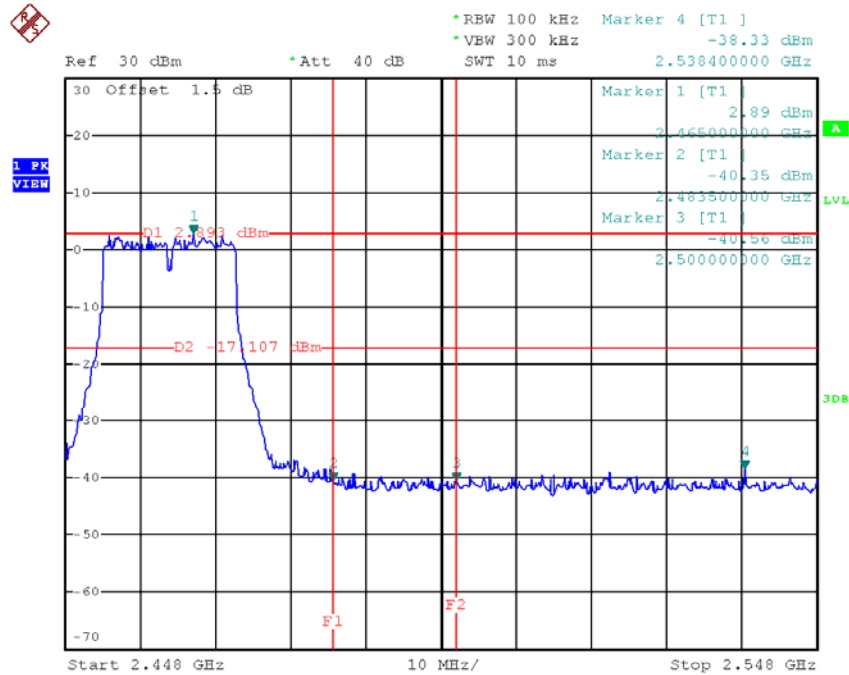
Test Mode : TX N-20M Mode_ANT 2

TX HT20 mode CH01



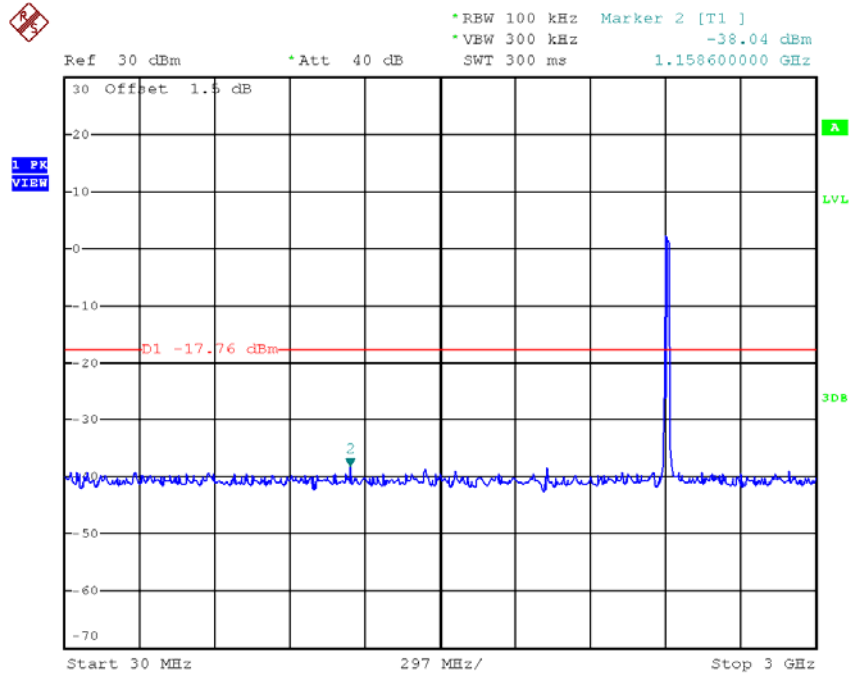
Date: 25.SEP.2017 18:32:05

TX HT20 mode CH11

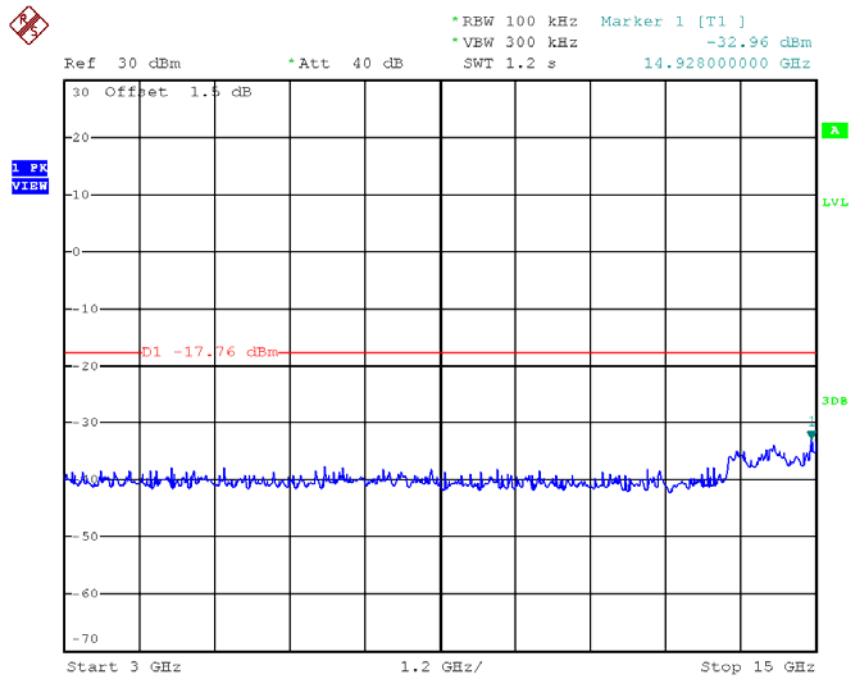


Date: 25.SEP.2017 18:34:03

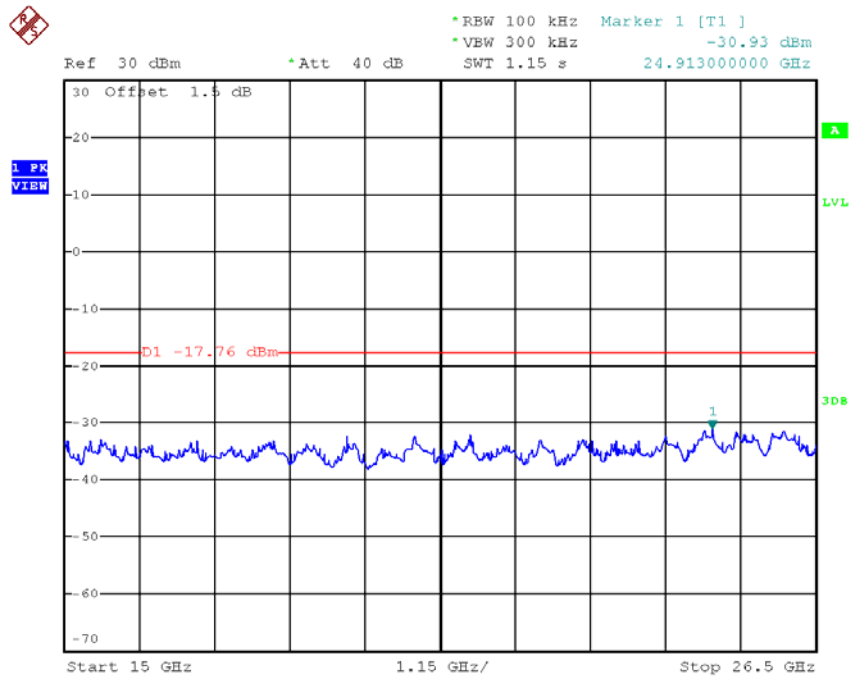
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:31:44

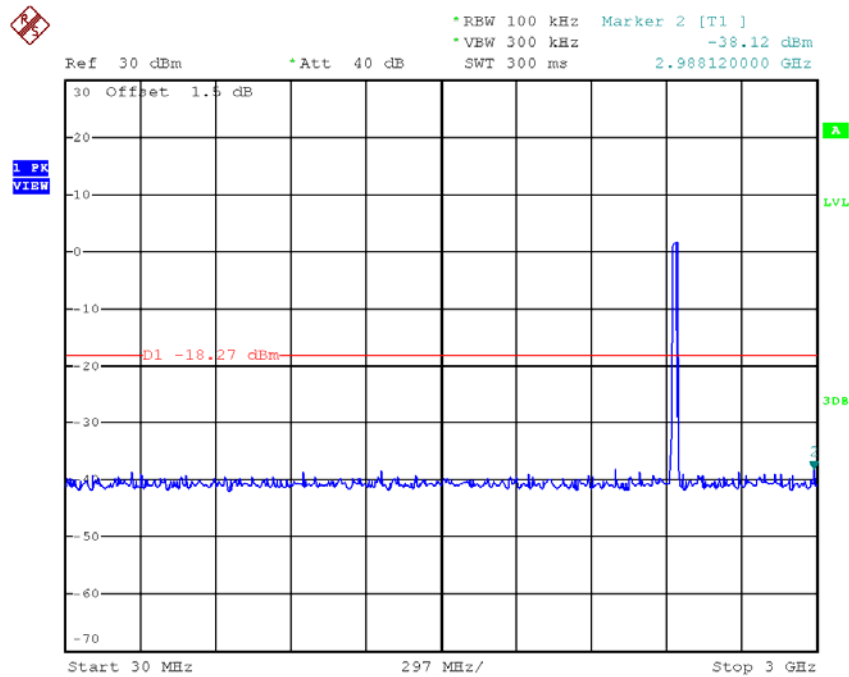


Date: 25.SEP.2017 18:31:51

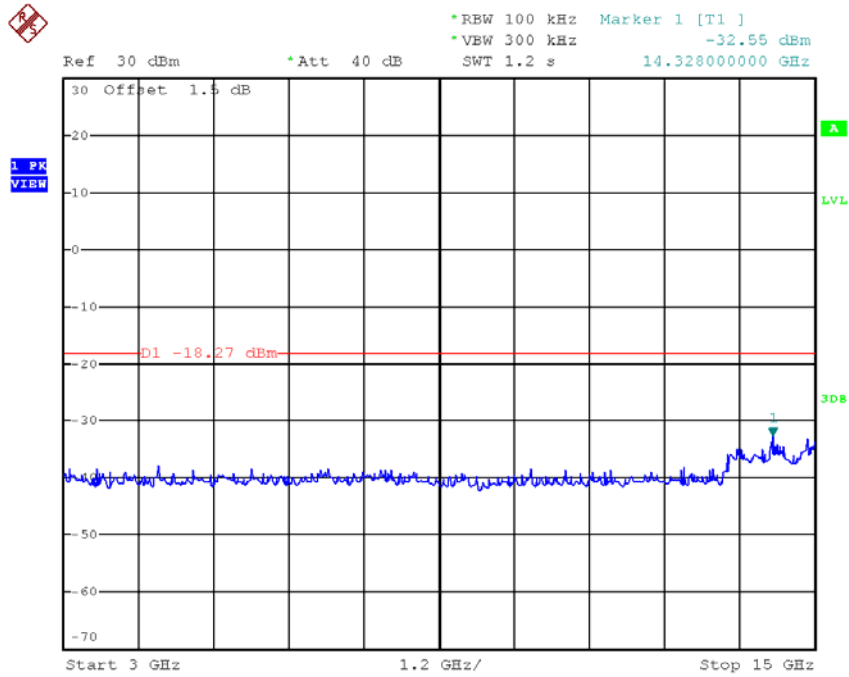


Date: 25.SEP.2017 18:31:58

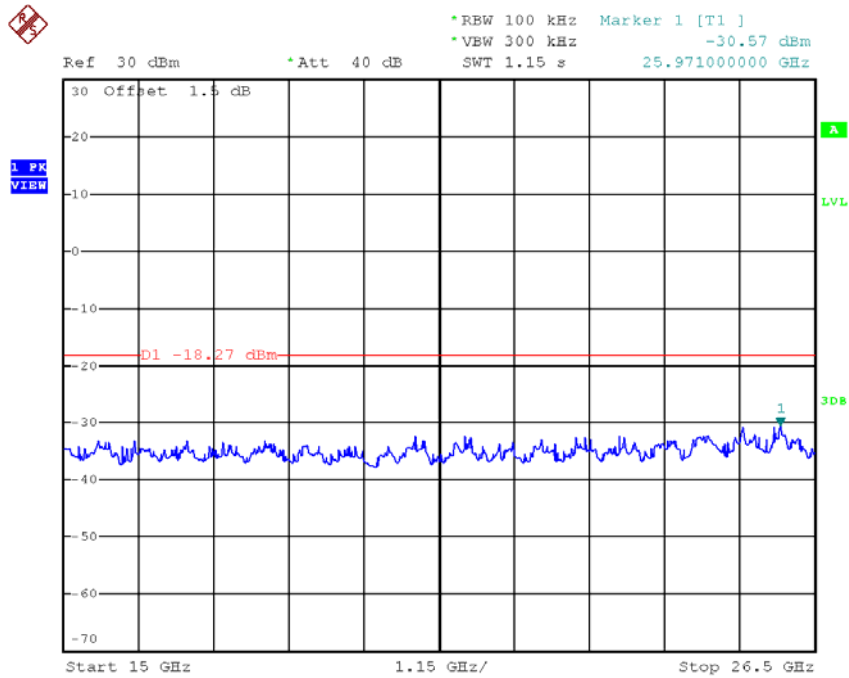
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:32:45

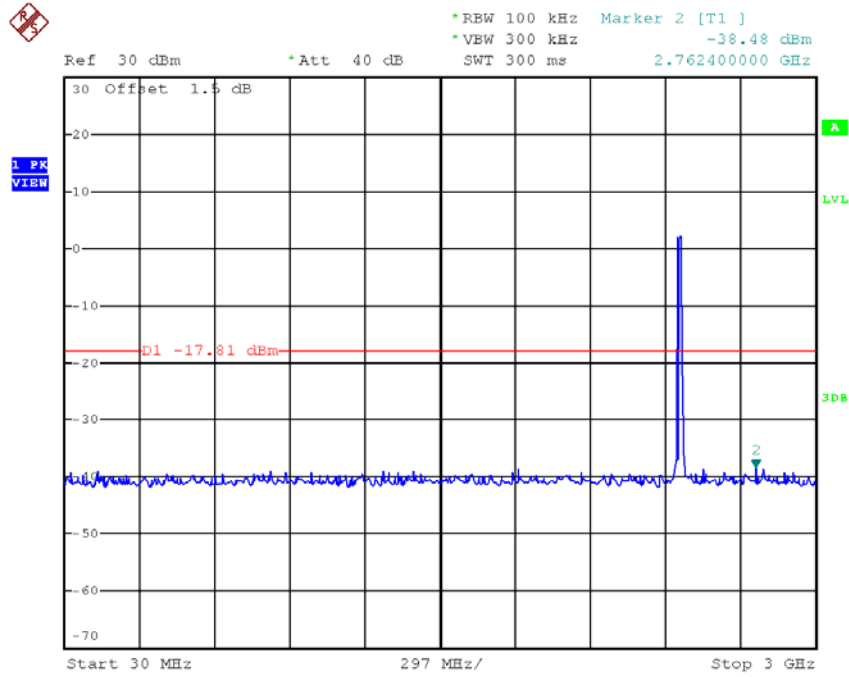


Date: 25.SEP.2017 18:32:52

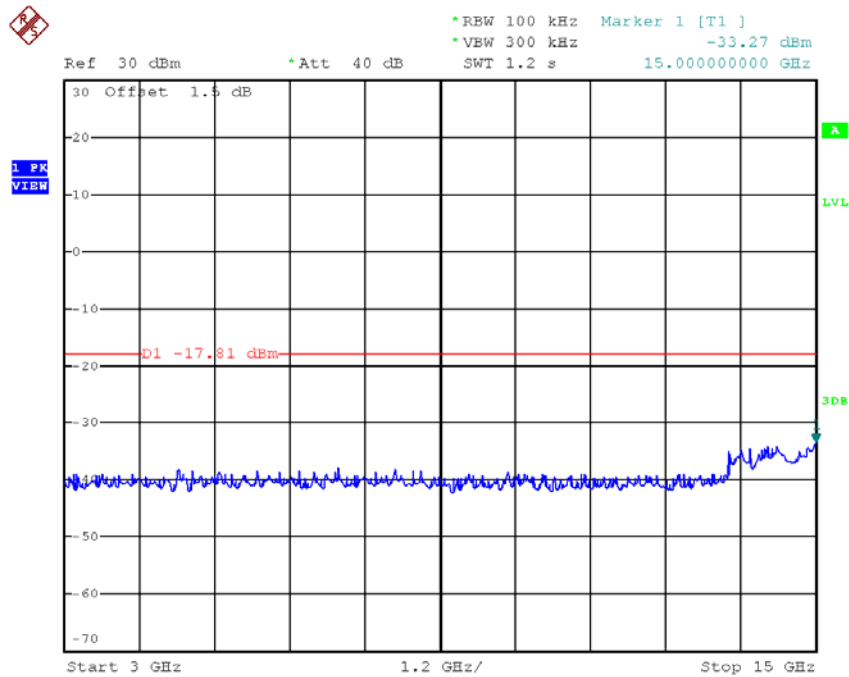


Date: 25.SEP.2017 18:32:59

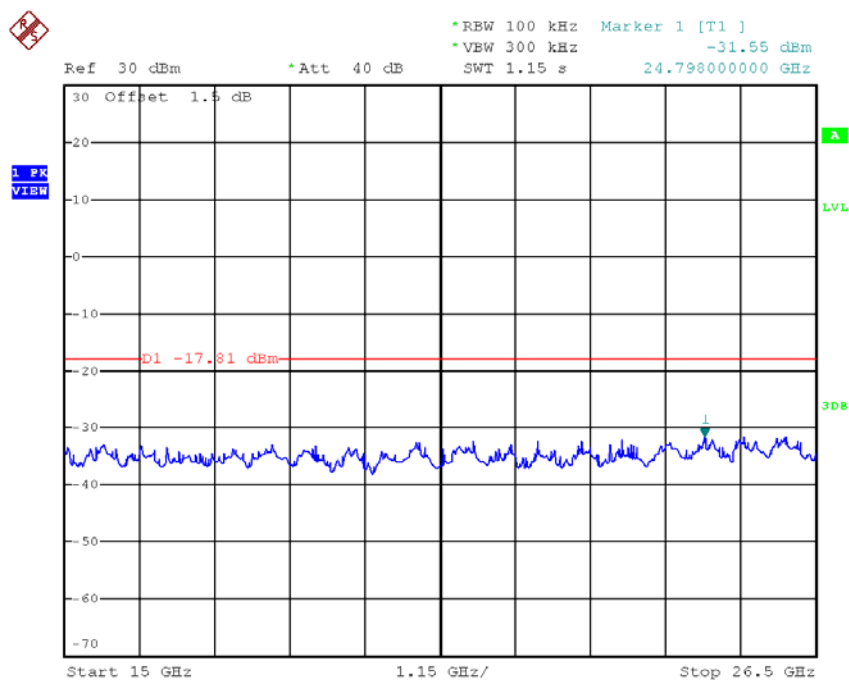
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:33:42



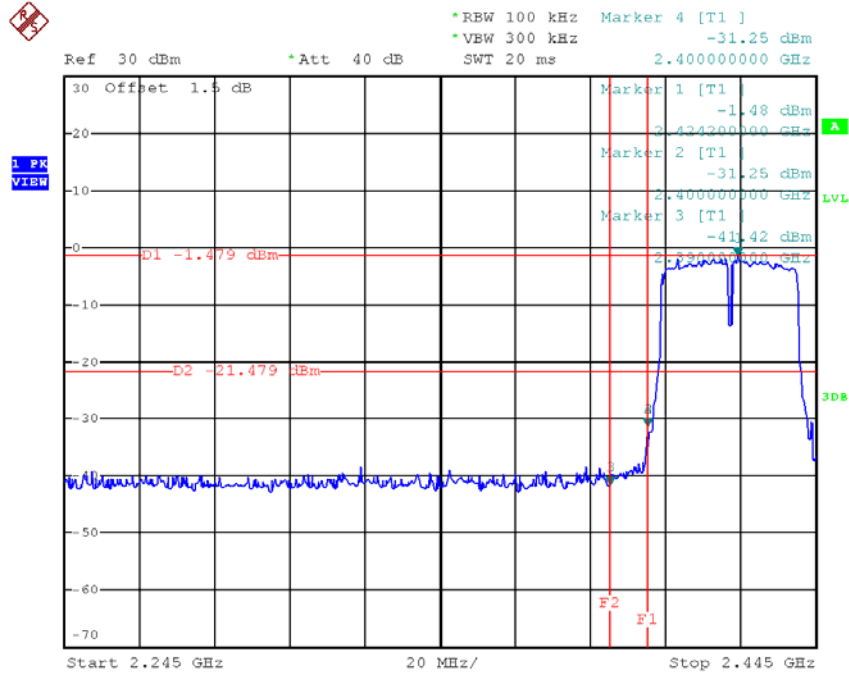
Date: 25.SEP.2017 18:33:49



Date: 25.SEP.2017 18:33:56

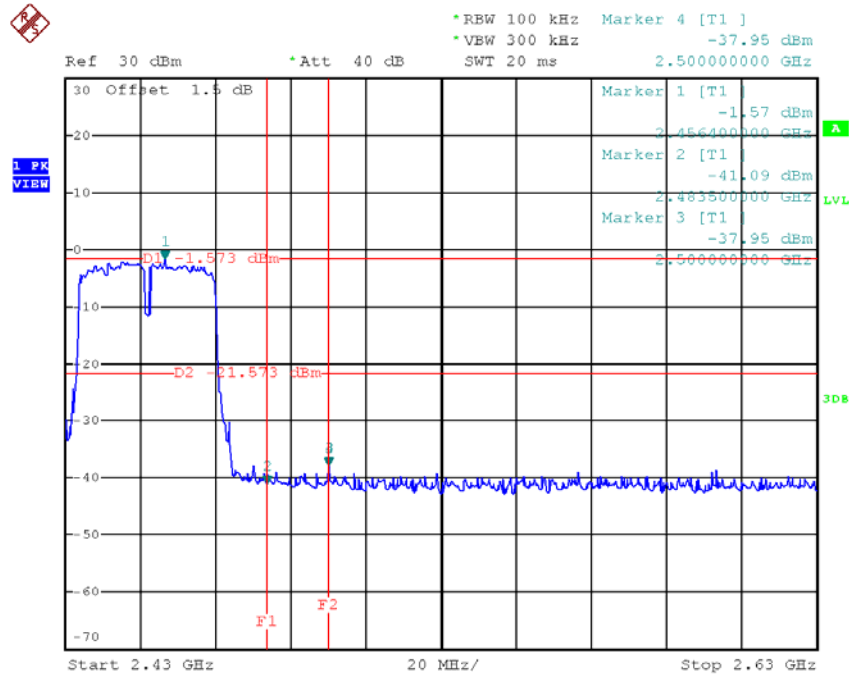
Test Mode : TX N-40M Mode_ANT 1

TX HT40 mode CH03



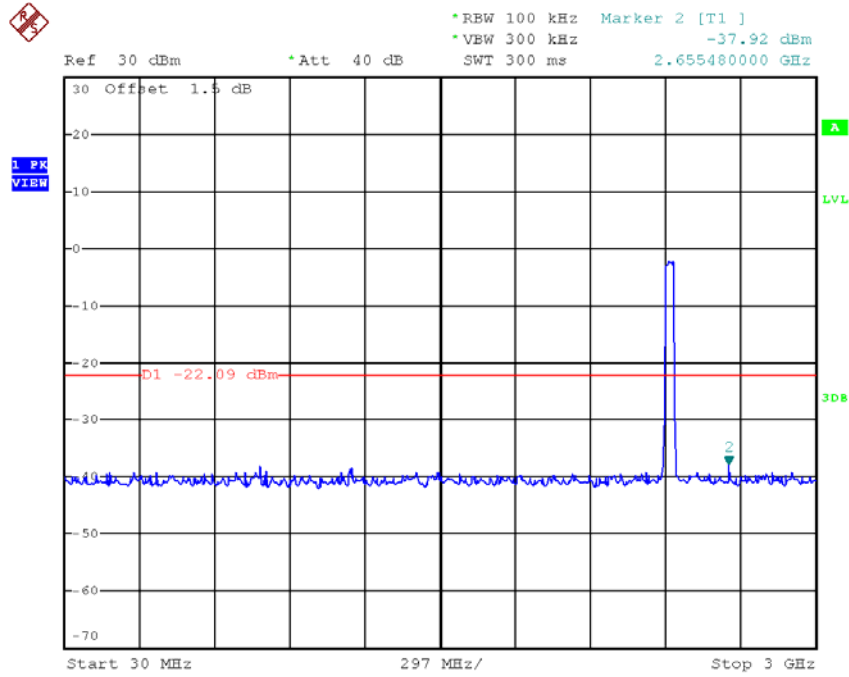
Date: 25.SEP.2017 18:36:11

TX HT40 mode CH09

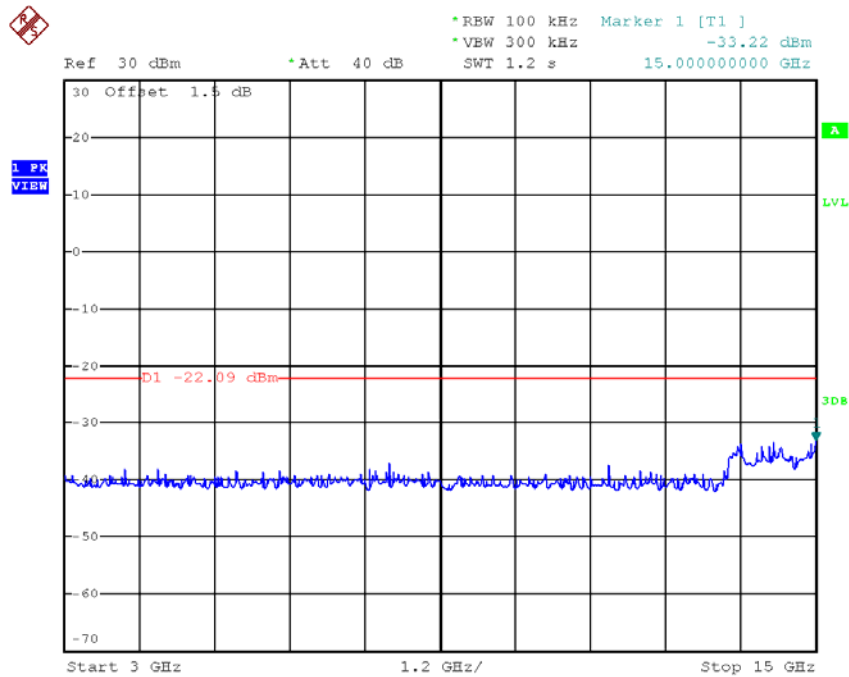


Date: 25.SEP.2017 18:38:22

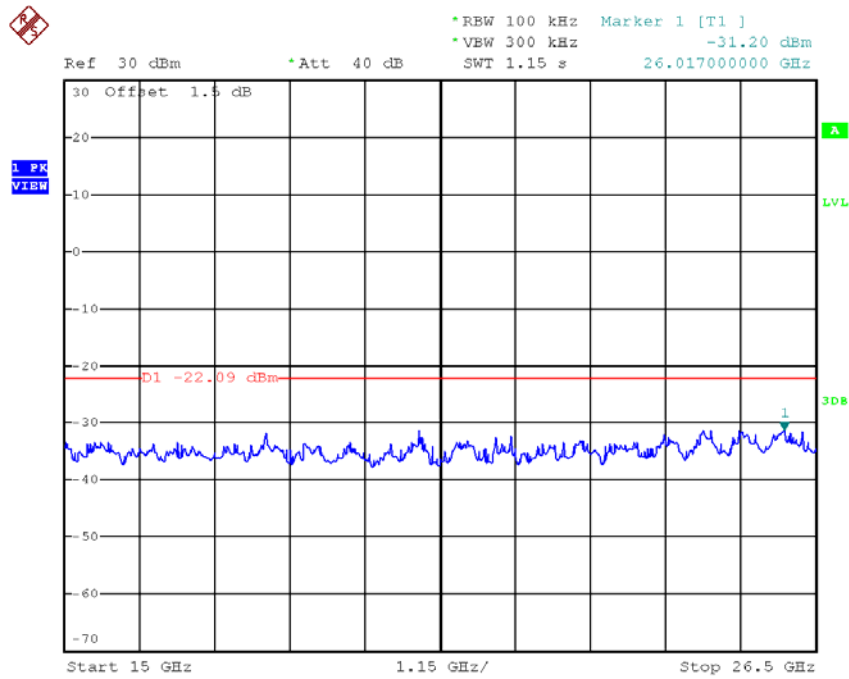
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:35:50

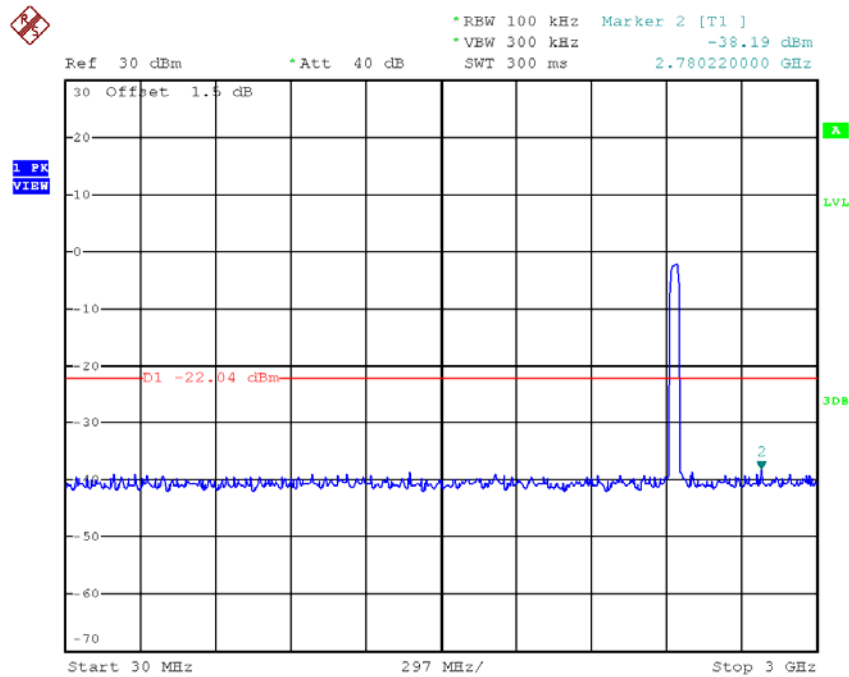


Date: 25.SEP.2017 18:35:57

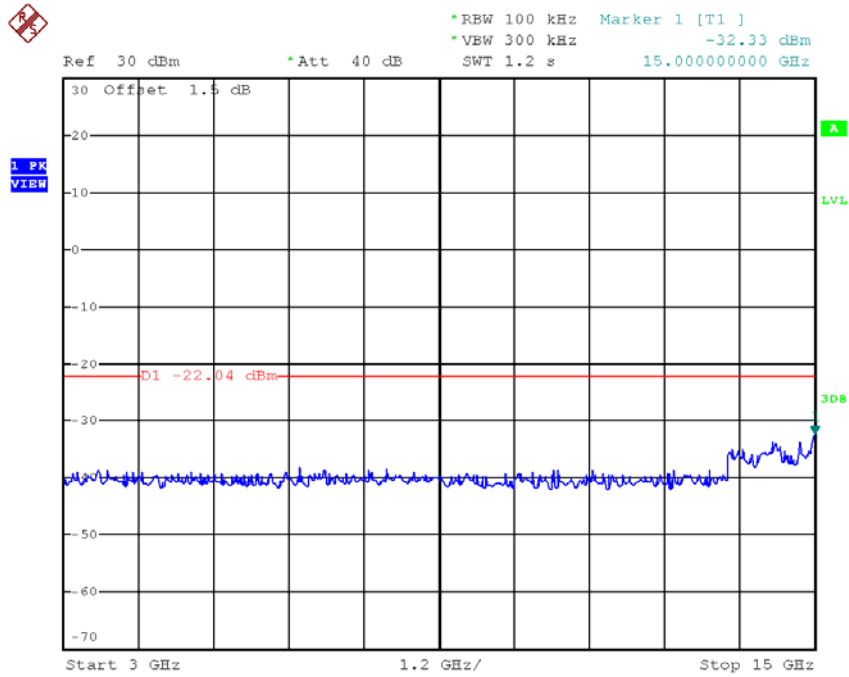


Date: 25.SEP.2017 18:36:04

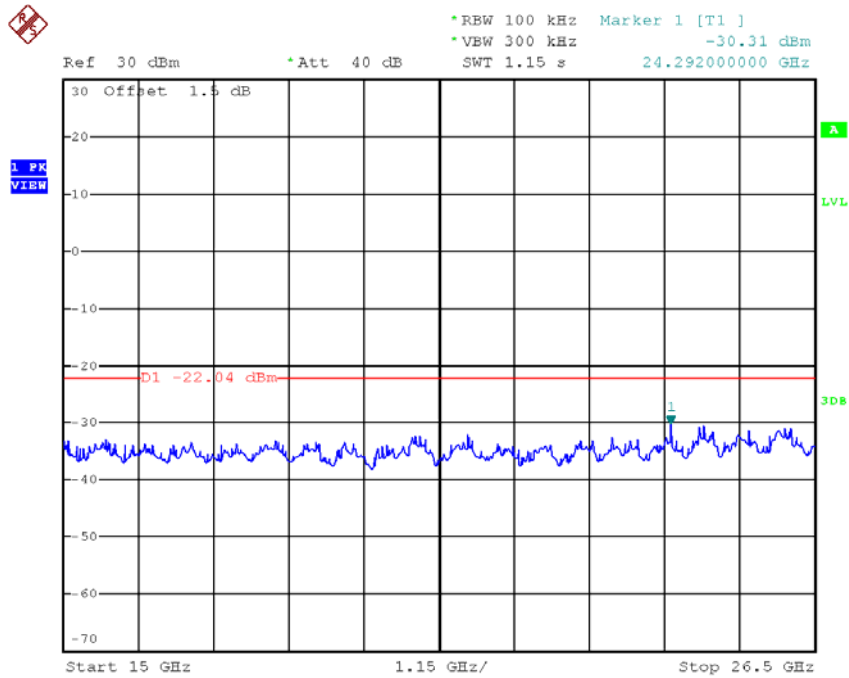
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:37:03

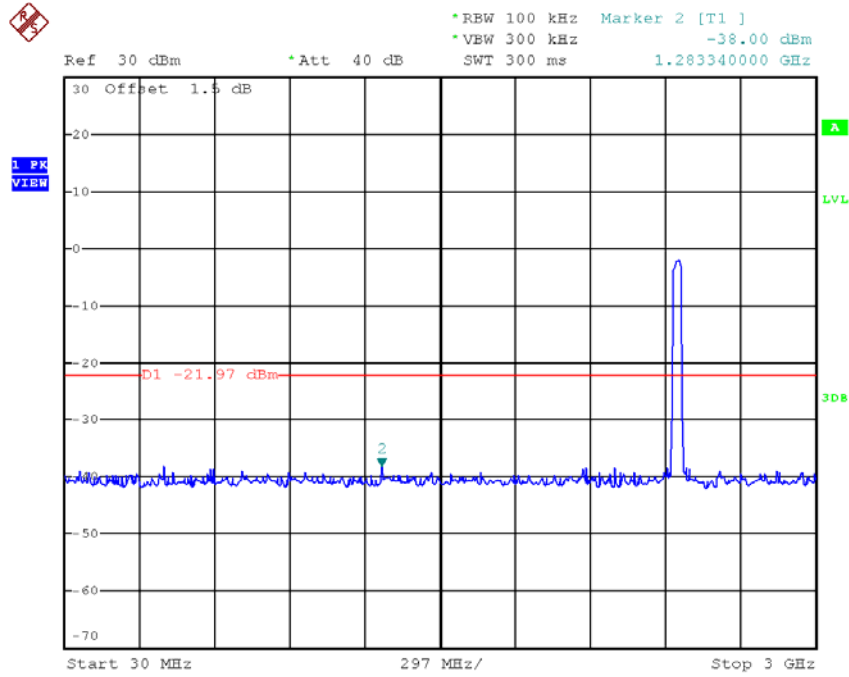


Date: 25.SEP.2017 18:37:10

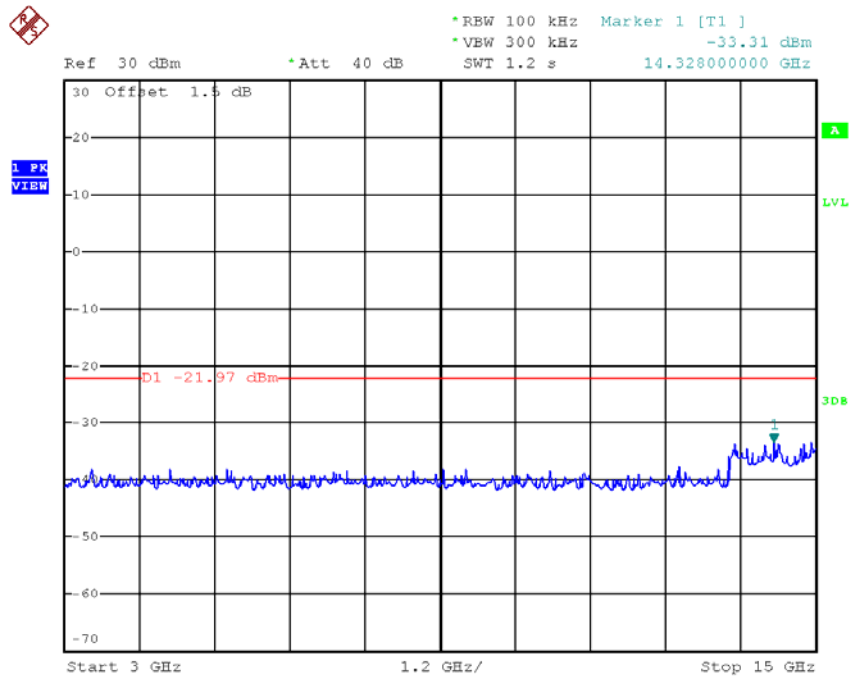


Date: 25.SEP.2017 18:37:28

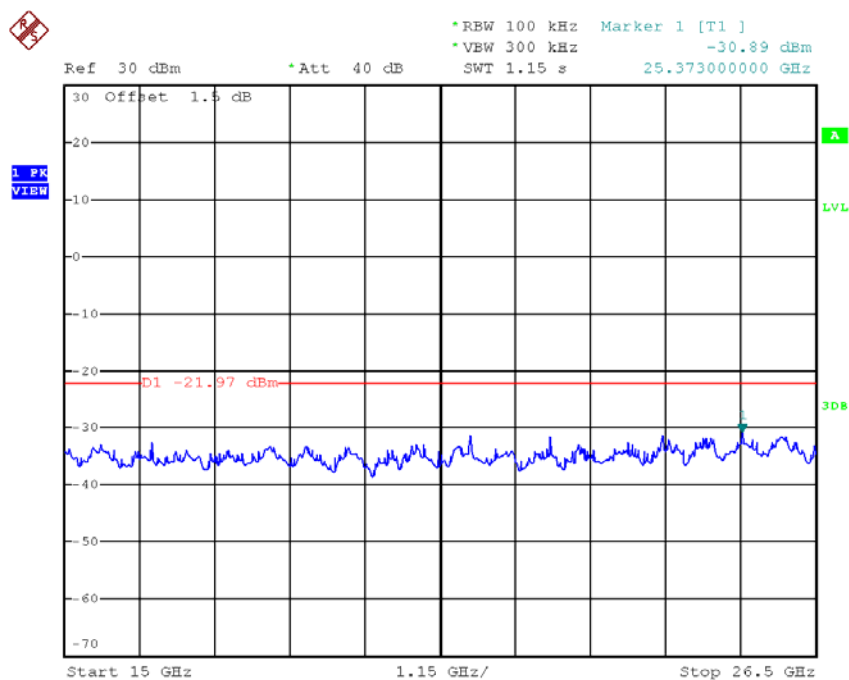
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:38:01



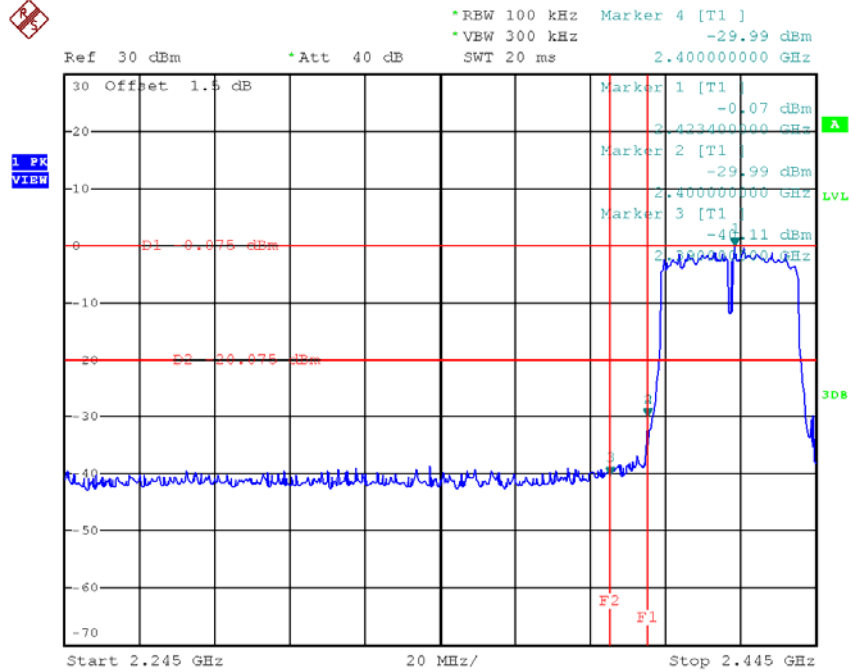
Date: 25.SEP.2017 18:38:08



Date: 25.SEP.2017 18:38:15

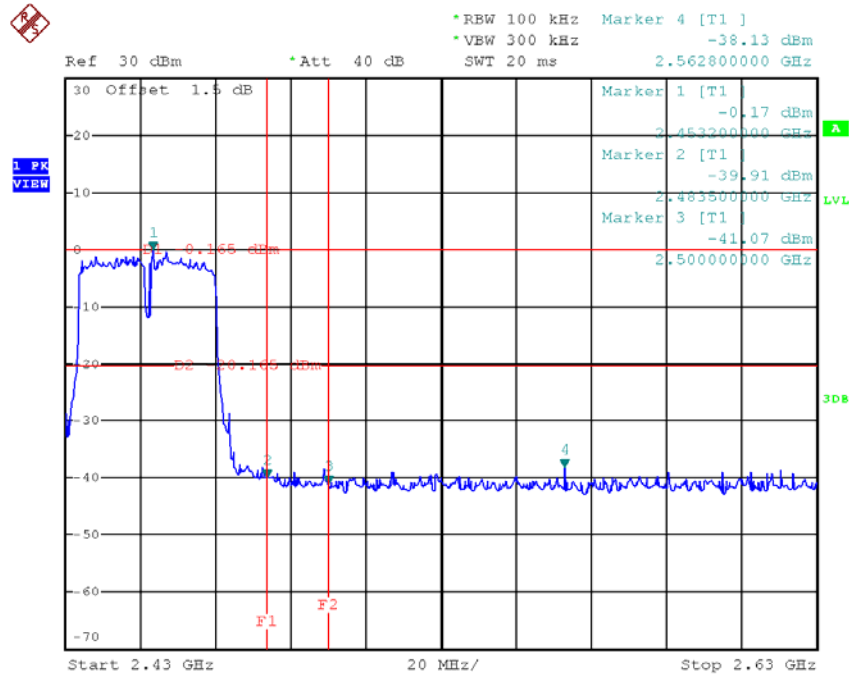
Test Mode : TX N-40M Mode_ANT 2

TX HT40 mode CH03



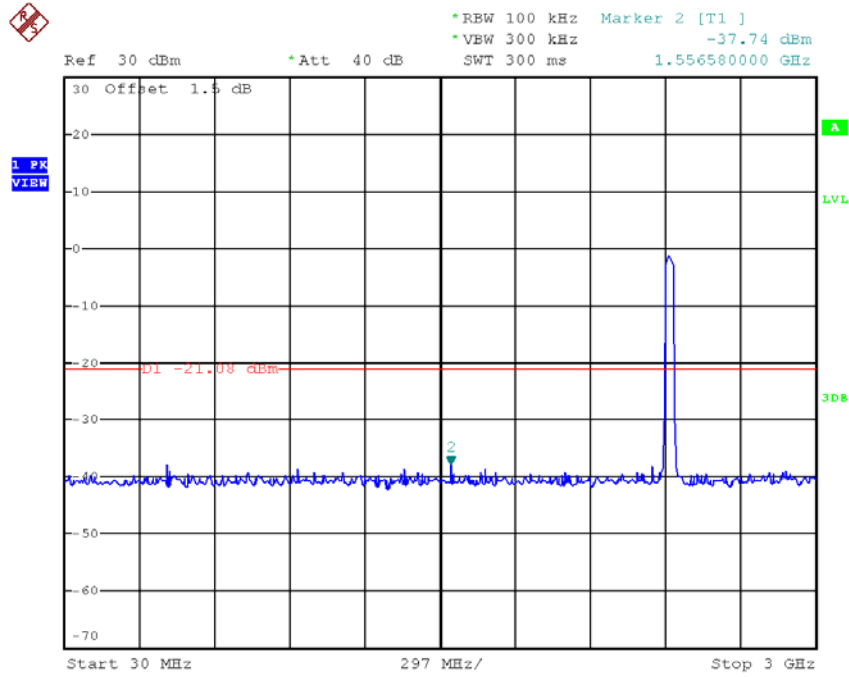
Date: 25.SEP.2017 18:39:47

TX HT40 mode CH09

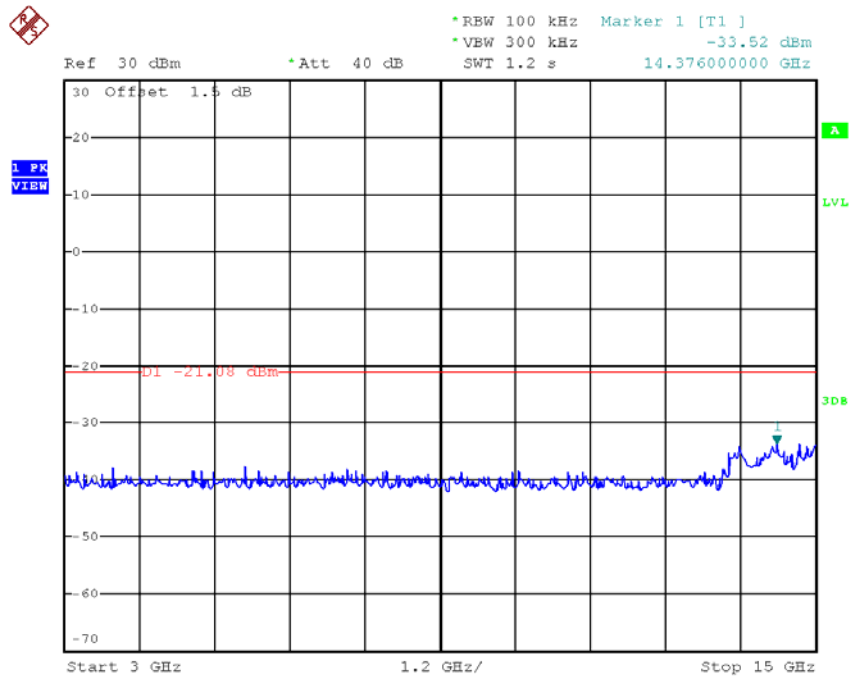


Date: 25.SEP.2017 18:42:02

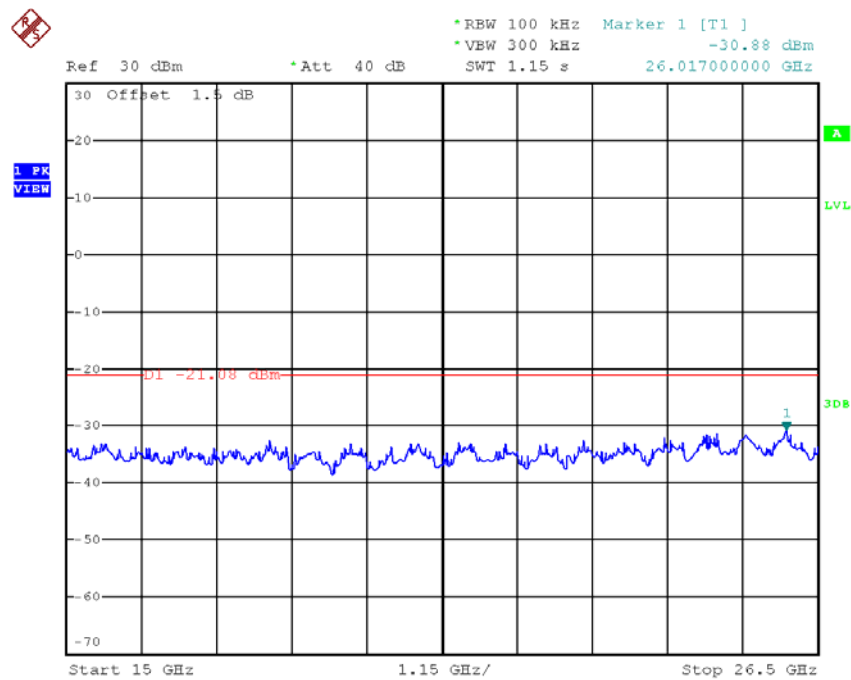
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:39:26

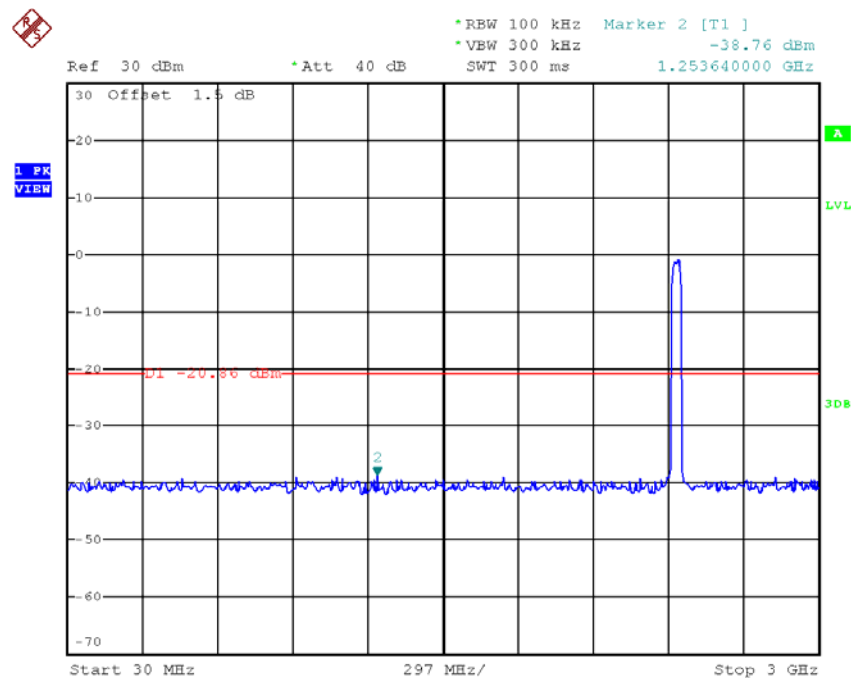


Date: 25.SEP.2017 18:39:33

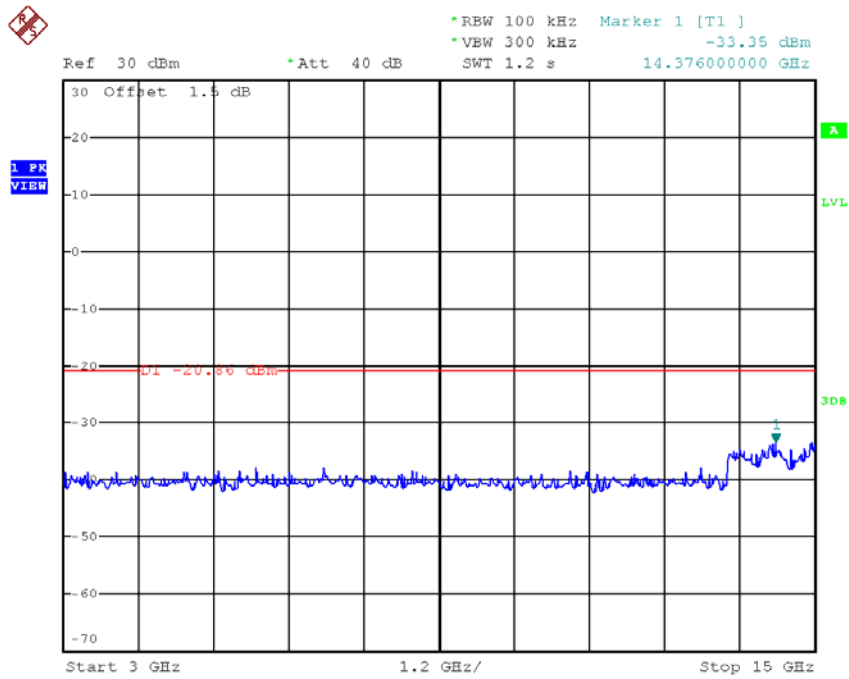


Date: 25.SEP.2017 18:39:40

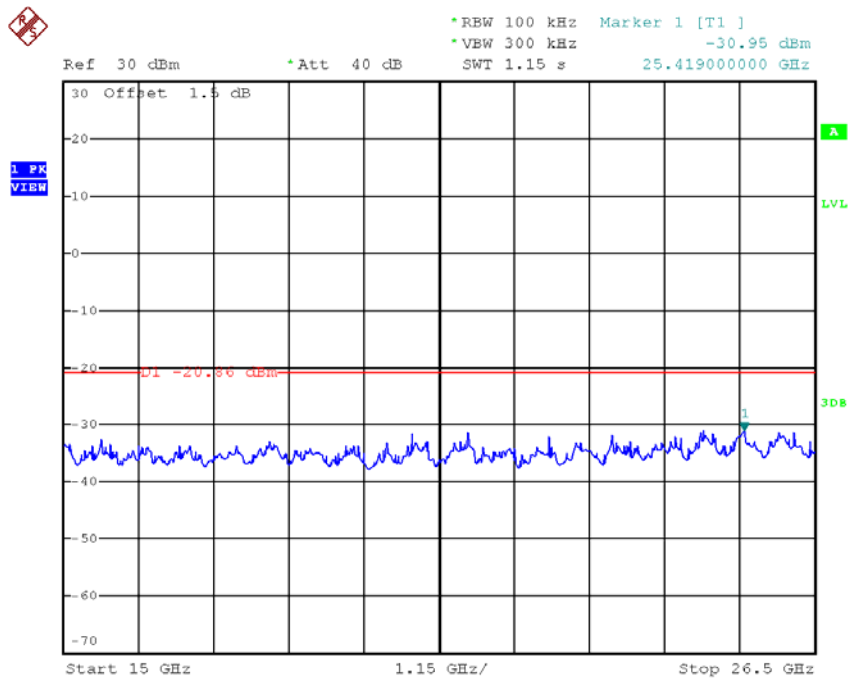
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:40:40

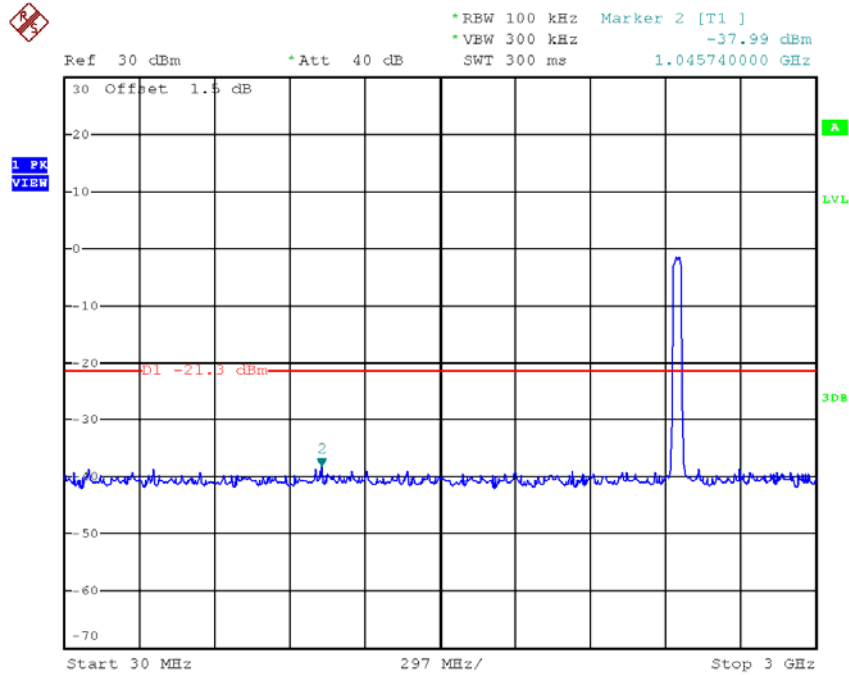


Date: 25.SEP.2017 18:40:46

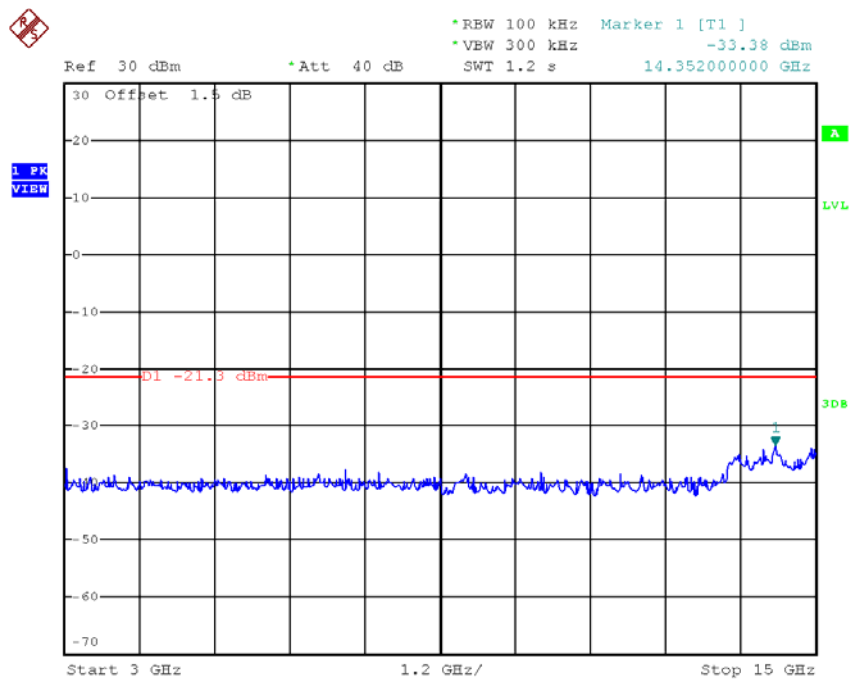


Date: 25.SEP.2017 18:40:53

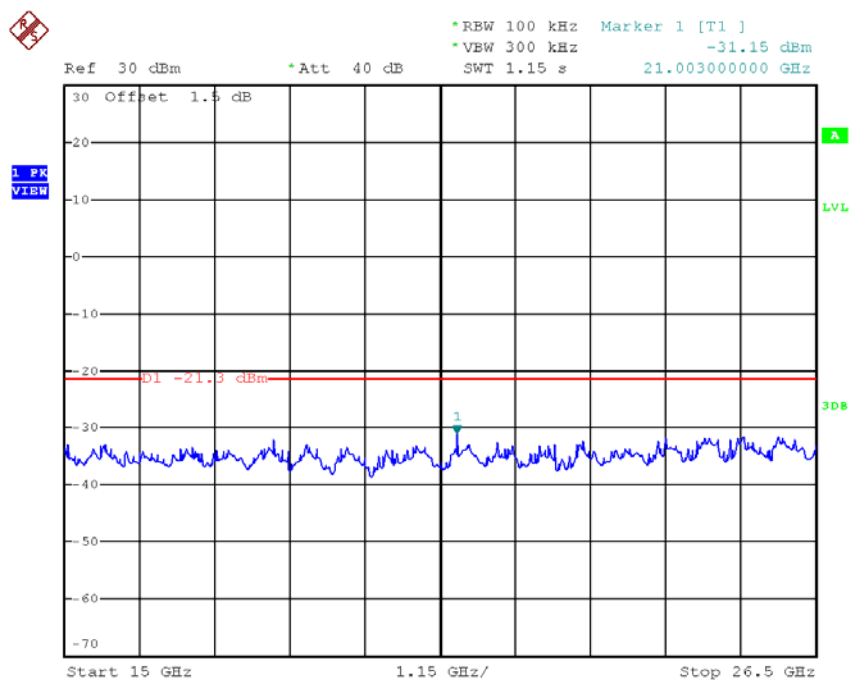
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 25.SEP.2017 18:41:41



Date: 25.SEP.2017 18:41:48



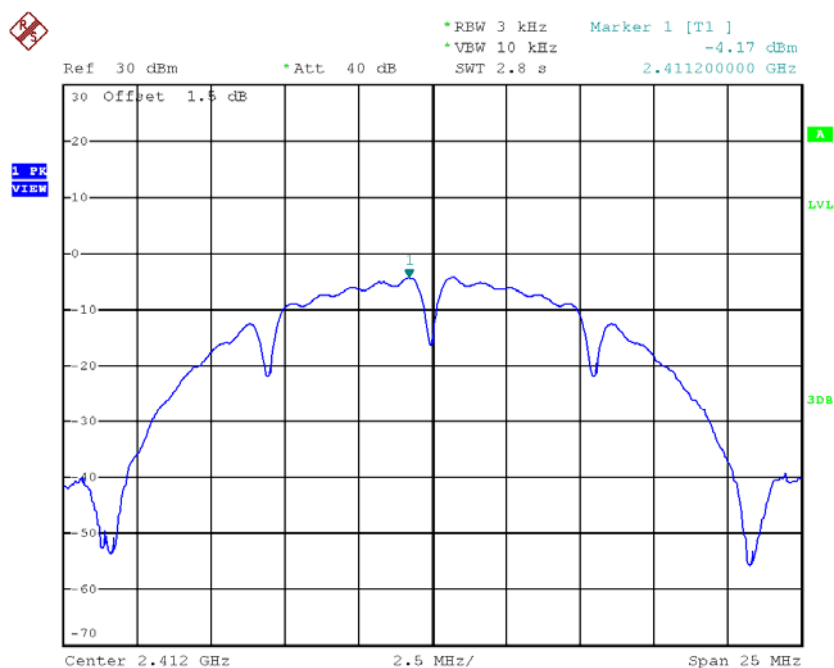
Date: 25.SEP.2017 18:41:55

APPENDIXH - POWER SPECTRAL DENSITY

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

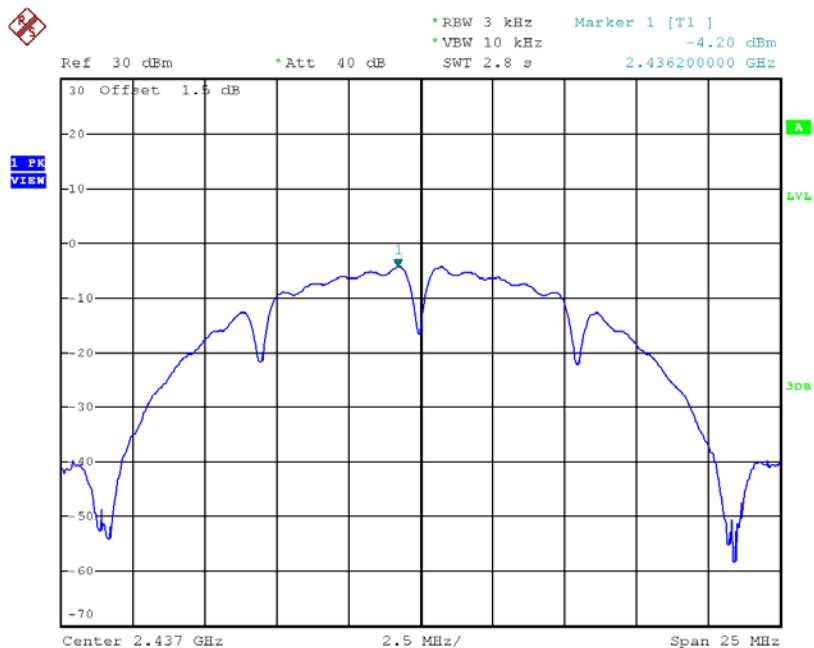
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-4.17	0.3828	8.00	Complies
2437	-4.20	0.3802	8.00	Complies
2462	-4.42	0.3614	8.00	Complies

TX CH01



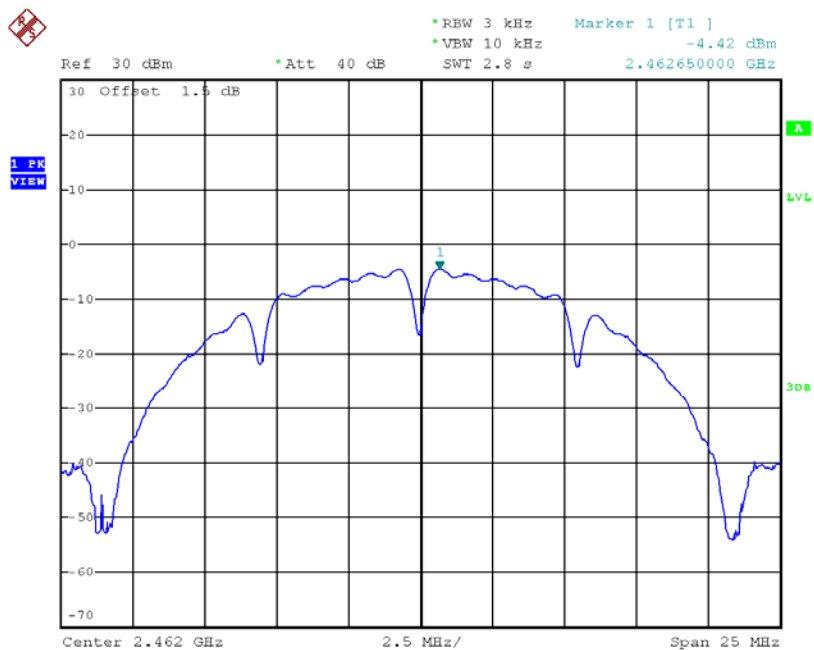
Date: 25.SEP.2017 18:16:56

TX CH06



Date: 25.SEP.2017 18:18:20

TX CH11

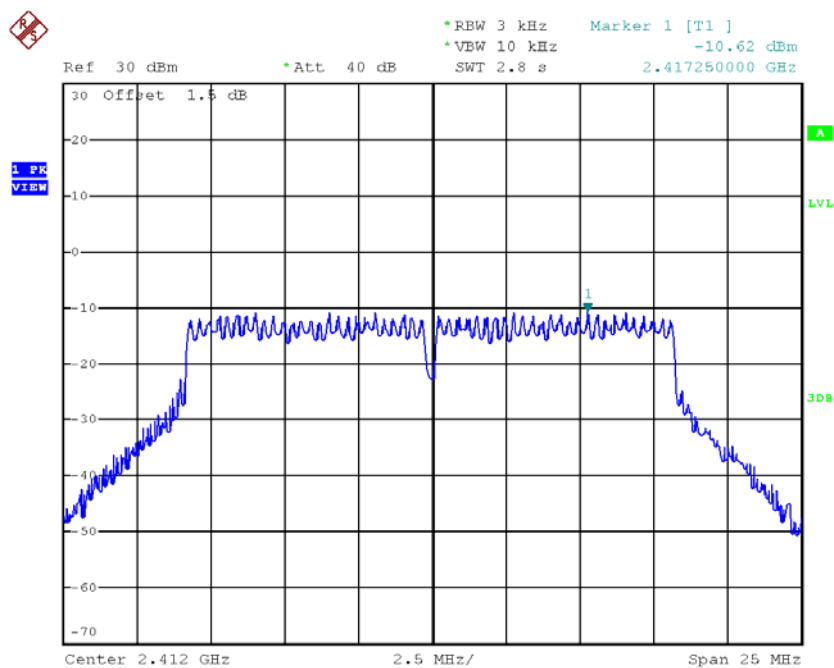


Date: 25.SEP.2017 18:19:51

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

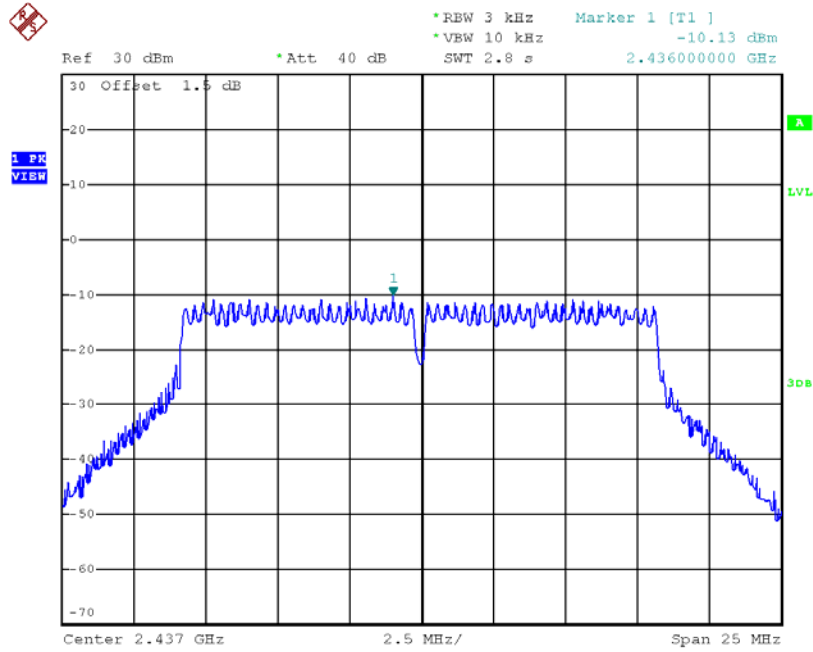
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-10.62	0.0867	8.00	Complies
2437	-10.13	0.0971	8.00	Complies
2462	-10.60	0.0871	8.00	Complies

TX CH01



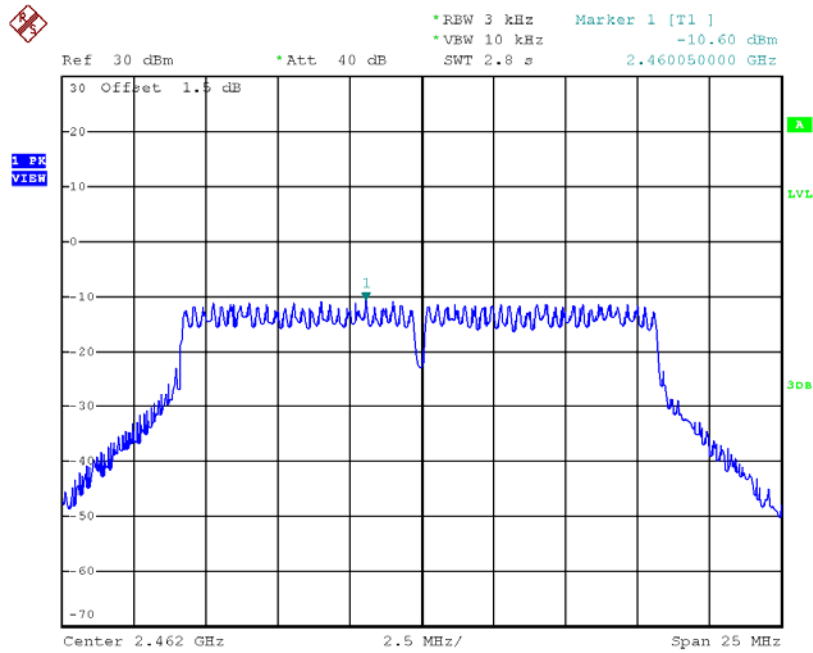
Date: 25.SEP.2017 18:22:00

TX CH06



Date: 25.SEP.2017 18:23:10

TX CH11

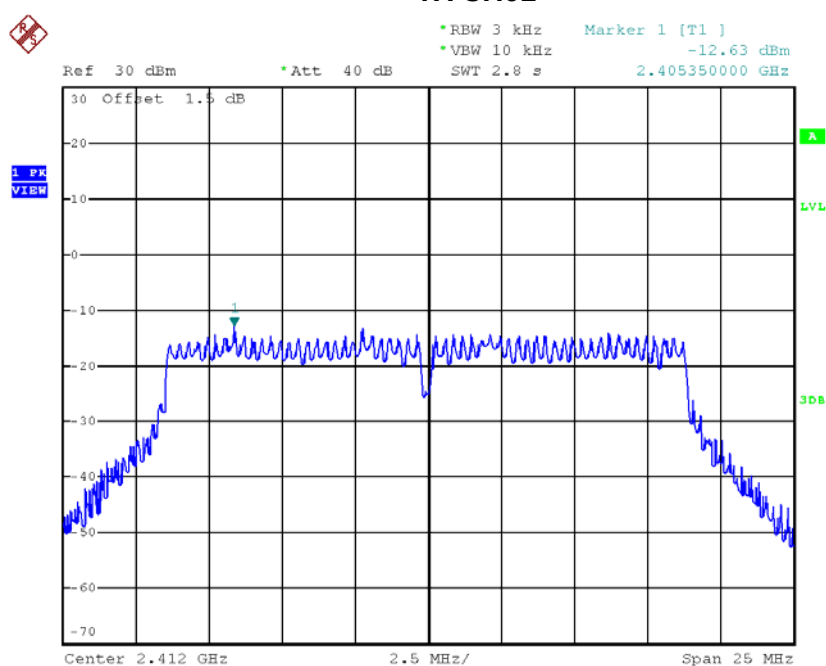


Date: 25.SEP.2017 18:24:59

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

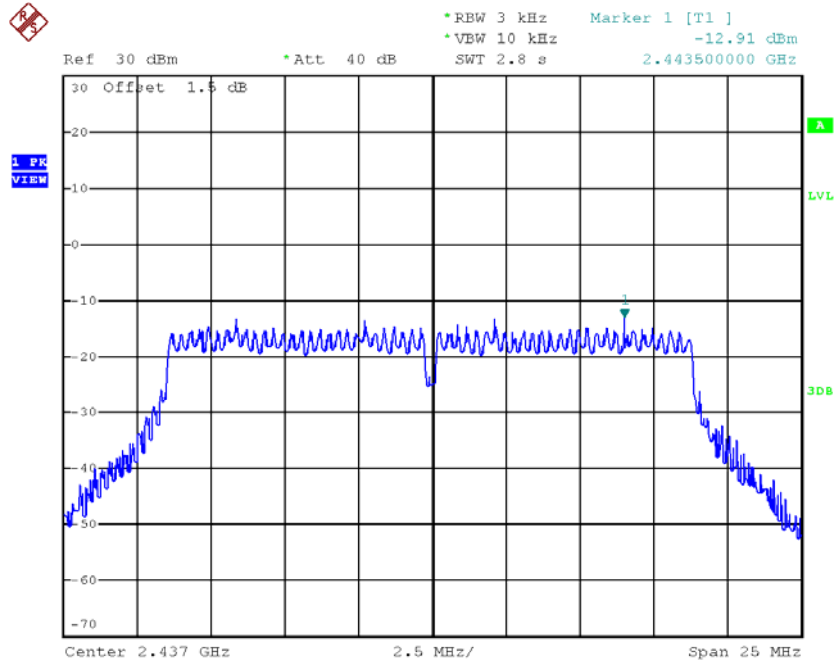
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.63	0.0546	8.00	Complies
2437	-12.91	0.0512	8.00	Complies
2462	-14.09	0.0390	8.00	Complies

TX CH01



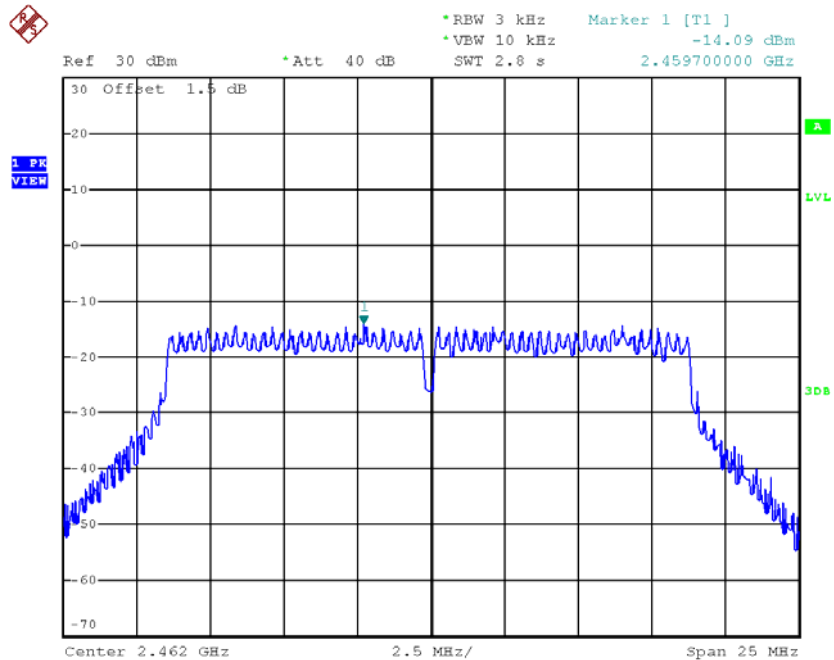
Date: 25.SEP.2017 18:27:58

TX CH06



Date: 25.SEP.2017 18:29:06

TX CH11

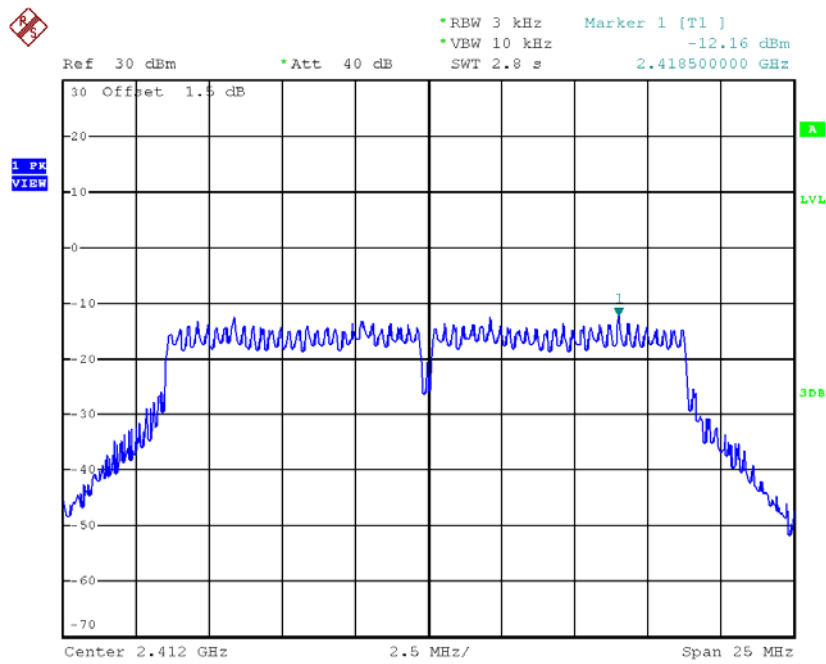


Date: 25.SEP.2017 18:30:12

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

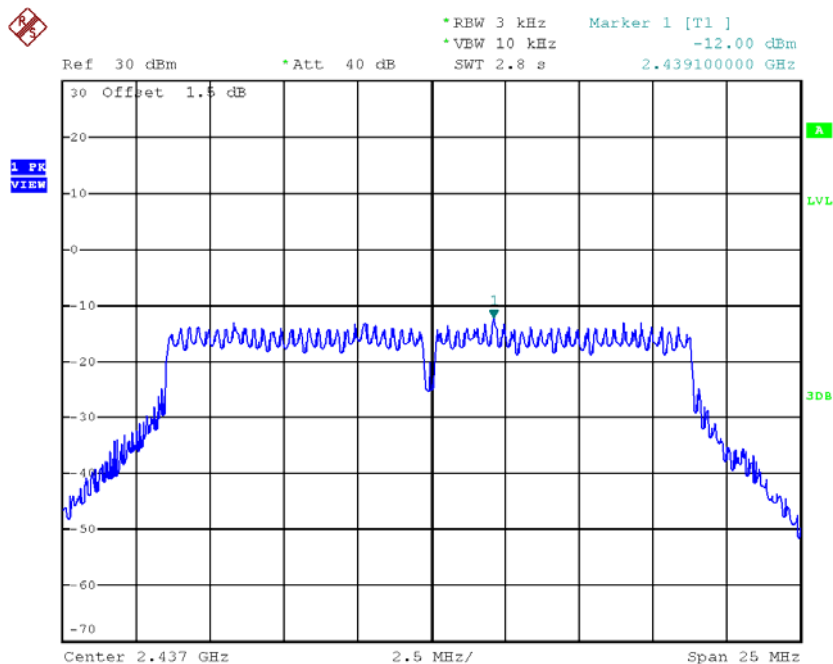
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.16	0.0608	8.00	Complies
2437	-12.00	0.0631	8.00	Complies
2462	-12.81	0.0524	8.00	Complies

TX CH01



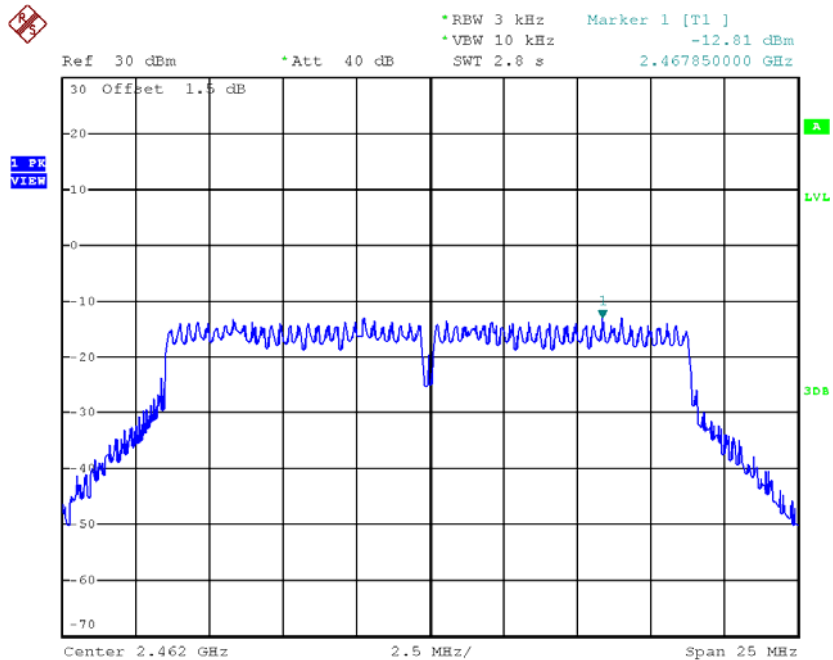
Date: 25.SEP.2017 18:32:14

TX CH06



Date: 25.SEP.2017 18:33:07

TX CH11



Date: 25.SEP.2017 18:34:11

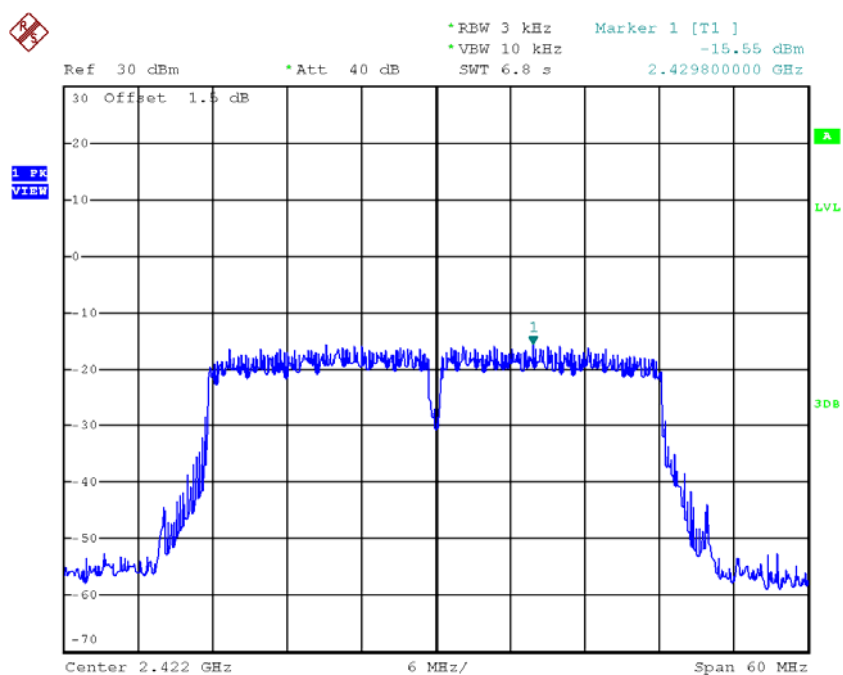
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.59	0.1100	8.00	Complies
2437	-9.59	0.1100	8.00	Complies
2462	-10.46	0.0900	8.00	Complies

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

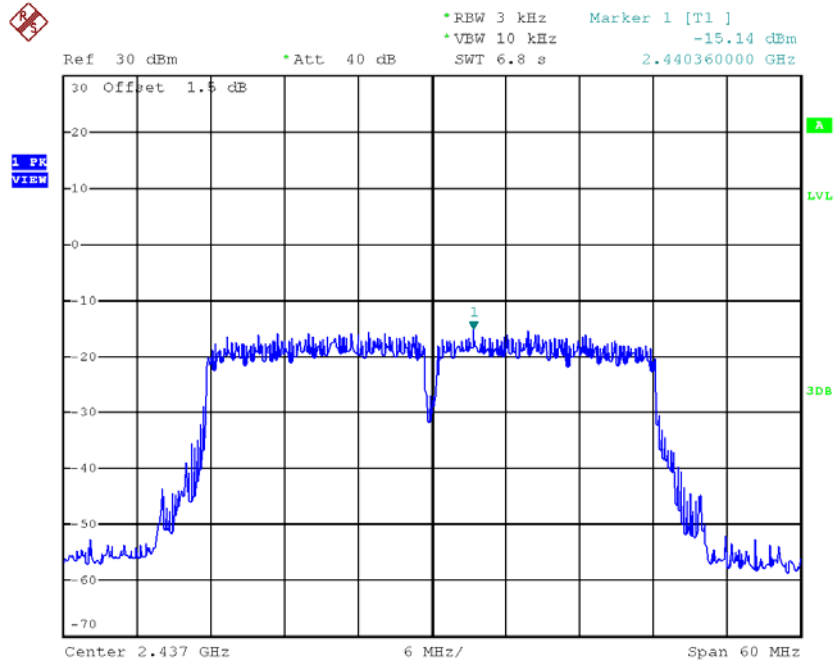
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-15.55	0.0279	8.00	Complies
2437	-15.14	0.0306	8.00	Complies
2452	-13.46	0.0451	8.00	Complies

TX CH03



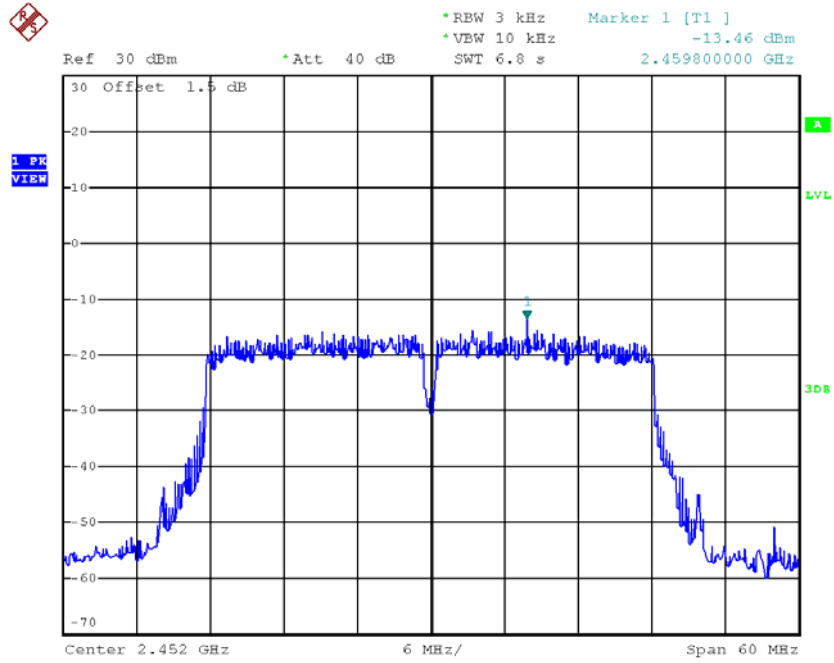
Date: 25.SEP.2017 18:36:23

TX CH06



Date: 25.SEP.2017 18:37:22

TX CH09

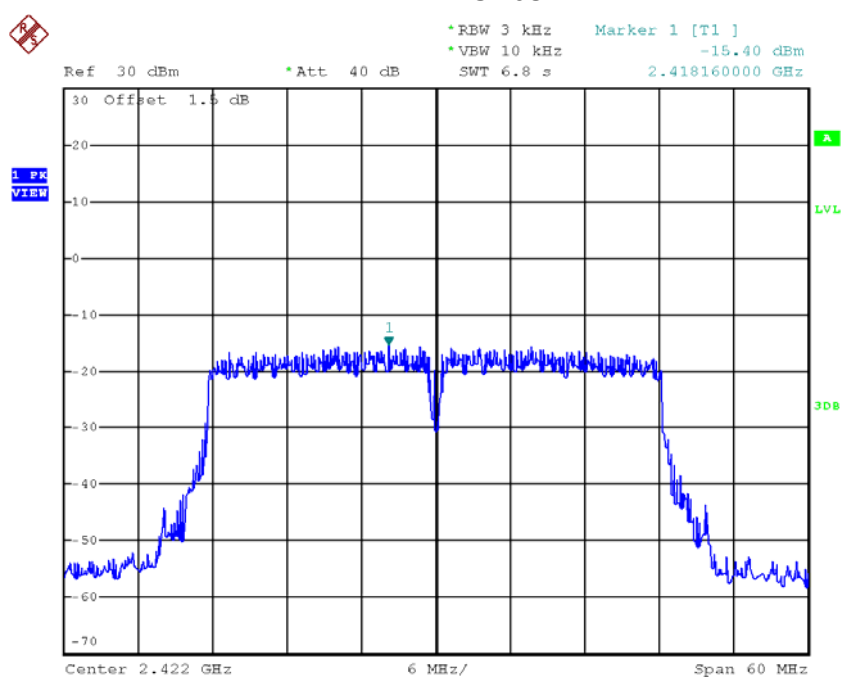


Date: 25.SEP.2017 18:38:34

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

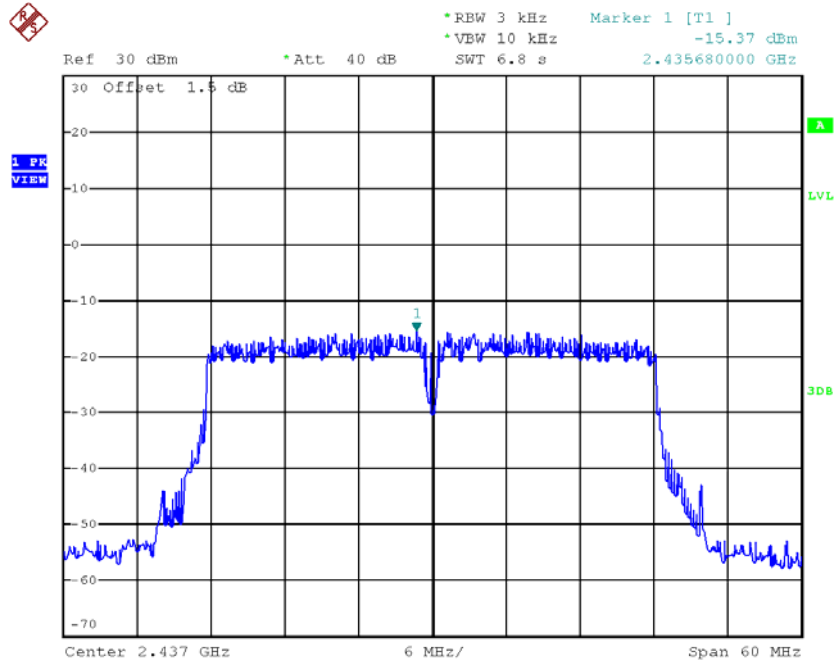
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-15.40	0.0288	8.00	Complies
2437	-15.37	0.0290	8.00	Complies
2452	-15.32	0.0294	8.00	Complies

TX CH03



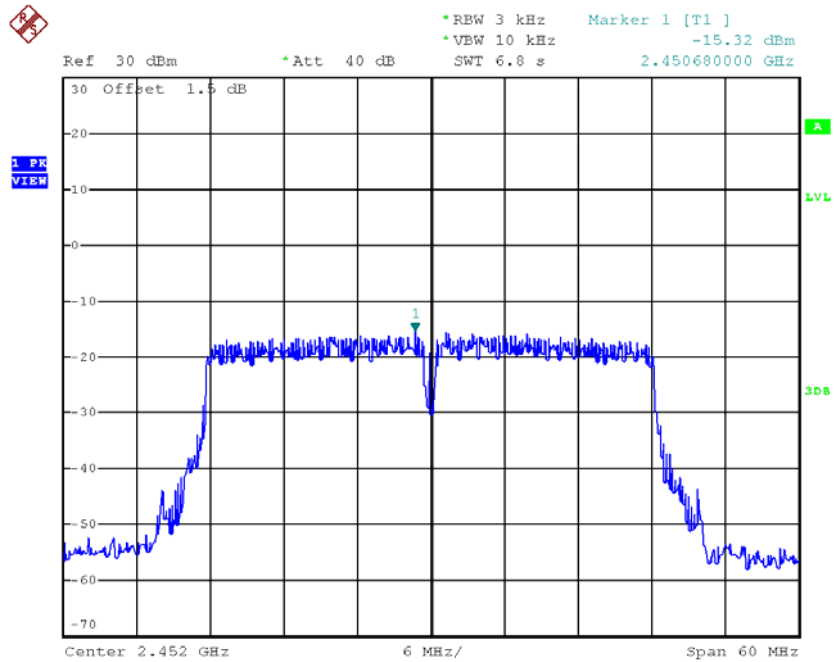
Date: 25.SEP.2017 18:39:59

TX CH06



Date: 25.SEP.2017 18:41:05

TX CH09



Date: 25.SEP.2017 18:42:13

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	-12.22	0.0600	8.00	Complies
2437	-12.22	0.0600	8.00	Complies
2452	-10.97	0.0800	8.00	Complies