

FCC Radio Test Report

FCC ID: RWO-RZ370251

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

Project No. : 1712C246
Equipment : Gaming Router
Test Model : RZ37-0251
Series Model : RZ37-0251XXXX-XXXX(X: Can be 0-9, A-Z)
Applicant : Razer Inc.
Address : 201 3rd Street, Suite 900, San Francisco, CA
94103, USA

Date of Receipt : Nov. 28, 2017
Date of Test : Nov. 28, 2017 ~ Feb. 09, 2018
Issued Date : Mar. 12, 2018
Tested by : BTL Inc.

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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	14
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	15
3.5 DESCRIPTION OF SUPPORT UNITS	15
4 . EMC EMISSION TEST	16
4.1 CONDUCTED EMISSION MEASUREMENT	16
4.1.1 POWER LINE CONDUCTED EMISSION LIMITS	16
4.1.2 TEST PROCEDURE	16
4.1.3 DEVIATION FROM TEST STANDARD	16
4.1.4 TEST SETUP	17
4.1.5 EUT OPERATING CONDITIONS	17
4.1.6 EUT TEST CONDITIONS	17
4.1.7 TEST RESULTS	17
4.2 RADIATED EMISSION MEASUREMENT	18
4.2.1 RADIATED EMISSION LIMITS	18
4.2.2 TEST PROCEDURE	19
4.2.3 DEVIATION FROM TEST STANDARD	19
4.2.4 TEST SETUP	20
4.2.5 EUT OPERATING CONDITIONS	21
4.2.6 EUT TEST CONDITIONS	21
4.2.7 TEST RESULTS (9KHZ TO 30MHZ)	21
4.2.8 TEST RESULTS (30MHZ TO 1000MHZ)	21
4.2.9 TEST RESULTS (ABOVE 1000MHZ)	21
5 . BANDWIDTH TEST	22
5.1 APPLIED PROCEDURES	22
5.1.1 TEST PROCEDURE	22
5.1.2 DEVIATION FROM STANDARD	22
5.1.3 TEST SETUP	22
5.1.4 EUT OPERATION CONDITIONS	22
5.1.5 EUT TEST CONDITIONS	22
5.1.6 TEST RESULTS	22
6 . MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST	23

Table of Contents	Page
6.1 APPLIED PROCEDURES / LIMIT	23
6.1.1 TEST PROCEDURE	23
6.1.2 DEVIATION FROM STANDARD	23
6.1.3 TEST SETUP	23
6.1.4 EUT OPERATION CONDITIONS	23
6.1.5 EUT TEST CONDITIONS	23
6.1.6 TEST RESULTS	23
7 . ANTENNA CONDUCTED SPURIOUS EMISSION	24
7.1 APPLIED PROCEDURES / LIMIT	24
7.1.1 TEST PROCEDURE	24
7.1.2 DEVIATION FROM STANDARD	24
7.1.3 TEST SETUP	24
7.1.4 EUT OPERATION CONDITIONS	24
7.1.5 EUT TEST CONDITIONS	24
7.1.6 TEST RESULTS	24
8 . POWER SPECTRAL DENSITY TEST	25
8.1 APPLIED PROCEDURES / LIMIT	25
8.1.1 TEST PROCEDURE	25
8.1.2 DEVIATION FROM STANDARD	25
8.1.3 TEST SETUP	25
8.1.4 EUT OPERATION CONDITIONS	25
8.1.5 EUT TEST CONDITIONS	25
8.1.6 TEST RESULTS	25
9 . MEASUREMENT INSTRUMENTS LIST	26
10 . EUT TEST PHOTO	28
APPENDIX A - CONDUCTED EMISSION	32
APPENDIX B - RADIATED EMISSION (9KHZ-30MHZ)	36
APPENDIX C - RADIATED EMISSION (30MHZ TO 1000MHZ)	41
APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)	48
APPENDIX E - BANDWIDTH	121
APPENDIX F - MAXIMUM PEAK CONDUCTED OUTPUT POWER	146
APPENDIX G - ANTENNA CONDUCTED SPURIOUS EMISSION	153
APPENDIX H - POWER SPECTRAL DENSITY	226

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1712C246	Original Issue.	Mar. 12, 2018

1. CERTIFICATION

Equipment : Gaming Router
Brand Name : RAZER
Test Model : RZ37-0251
Series Model : RZ37-0251XXXX-XXXX (X: Can be 0-9, A-Z)
Applicant : Razer Inc.
Manufacturer : Razer (Asia-Pacific) Pte.,Ltd
Address : 514 Chai Chee Lane #07-01 ~ 06 Singapore 469029, Tel: +65 6505 2188
Factory : RAZER TECHNOLOGY AND DEVELOPMENT (SHENZHEN) CO., LTD
Address : East Wing, 3rd Floor, Block 2, Phase 1 of Vision Shenzhen Business Park Keji
South Road, Hi-Tech Industrial Park, Shenzhen 518057, China
Date of Test : Nov. 28, 2017 ~ Feb. 09, 2018
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-2-1712C246) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test results included in this report is only for the WLAN 2.4G part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

Conducted emission Test:

C05: (VCCI RN: C-4742; FCC RN:965108; FCC DN:TW0659)

No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Below 1 GHz):

CB11: (VCCI RN: R-4260; FCC RN:949005; FCC DN:TW0659; IC Assigned Code:20088)

No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Above 1 GHz):

CB11: (VCCI RN: G-868; FCC RN:949005; FCC DN:TW0659; IC Assigned Code:20088)

No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) $k=1.96$ or $k=2$ (which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)). Measurement Uncertainty for a Level of Confidence of 95 %, $U=2 \times U_c(y)$.

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)
C05	CISPR	150 kHz ~ 30MHz	2.68

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
CB11 (3m)	CISPR	9kHz ~ 150kHz	4.00
		150kHz ~ 30MHz	4.00

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB11 (3m)	CISPR	30MHz ~ 200MHz	V	3.06
		30MHz ~ 200MHz	H	2.58
		200MHz ~ 1,000MHz	V	3.50
		200MHz ~ 1,000MHz	H	3.10

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB11 (3m)	CISPR	1GHz ~ 6GHz	V	4.14
		1GHz ~ 6GHz	H	4.14
		6GHz ~ 18GHz	V	5.34
		6GHz ~ 18GHz	H	5.34

Test Site	Method	Measurement Frequency Range	U,(dB)
CB11 (1m)	CISPR	18 ~ 26.5 GHz	4.80
		26.5 ~ 40 GHz	5.28

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	Gaming Router	
Brand Name	RAZER	
Test Model	RZ37-0251	
Series Model	RZ37-0251XXXX-XXXX (X: Can be 0-9, A-Z)	
Model Difference	It is the same as the basic model and X is used to define which country it is for under the same family series.	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n/ac: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/ac: up to 400 Mbps
	Output Power (Max.)	802.11b: 28.56dBm 802.11g: 27.33dBm 802.11n(20MHz): 27.71dBm 802.11n(40MHz): 23.64dBm 802.11ac(20MHz): 28.25dBm 802.11ac(40MHz): 23.52dBm
Power Source	Supplied from adapter. Brand / Model: APD / WA-36A12R	
Power Rating	Input:100-240V ~50-60Hz, 0.9A Max Output: 12V ---3A	

Note:

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

2. Channel List:

CH01 - CH13 for 802.11b, 802.11g, 802.11n(20MHz), ac(20 MHz)					
CH03 - CH11 for 802.11n(40MHz), 802.11ac(40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	06	2437	11	2462
02	2417	07	2442		
03	2422	08	2447		
04	2427	09	2452		
05	2432	10	2457		

3. Table for Filed Antenna:

Ant. No.	Ant. Brand	Ant. Model	Ant. Type	Ant. Gain (dBi)
1	LYNwave	N/A	Internal Antenna	3.23
2	LYNwave	N/A	Internal Antenna	1.77

4. The worst case as follow:

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

3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09/
Mode 5	TX AC-20MHZ MODE CHANNEL 01/06/11
Mode 6	TX AC-40MHZ MODE CHANNEL 03/06/09
Mode 7	TX Mode

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 7	TX Mode

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
Mode 5	TX AC-20MHZ MODE CHANNEL 01/06/11
Mode 6	TX AC-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
Mode 5	TX AC-20MHZ MODE CHANNEL 01/06/11
Mode 6	TX AC-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
Mode 5	TX AC-20MHZ MODE CHANNEL 01/06/11
Mode 6	TX AC-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
Mode 5	TX AC-20MHZ MODE CHANNEL 01/06/11
Mode 6	TX AC-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
Mode 5	TX AC-20MHZ MODE CHANNEL 01/06/11
Mode 6	TX AC-40MHZ MODE CHANNEL 03/06/09

Note:

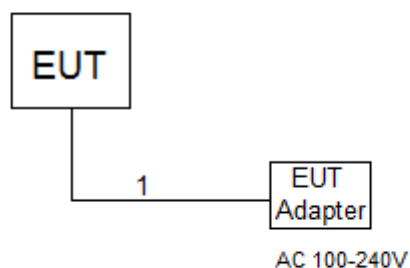
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
 802.11g mode: DBPSK (6Mbps)
 802.11 20M mode : BPSK (13Mbps)
 802.11 40M mode : BPSK (27Mbps)
 For radiated emission tests, the highest output powers were set for final test.
- (3) For 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	QRCT		
Frequency (MHz)	2412	2437	2462
802.11b	25	26	25
802.11g	20	26	20
802.11n (20MHz)	20	26	20
802.11ac (20MHz)	20	26	20
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	17.5	21	18
802.11ac (40MHz)	18	21	18

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.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	Power 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

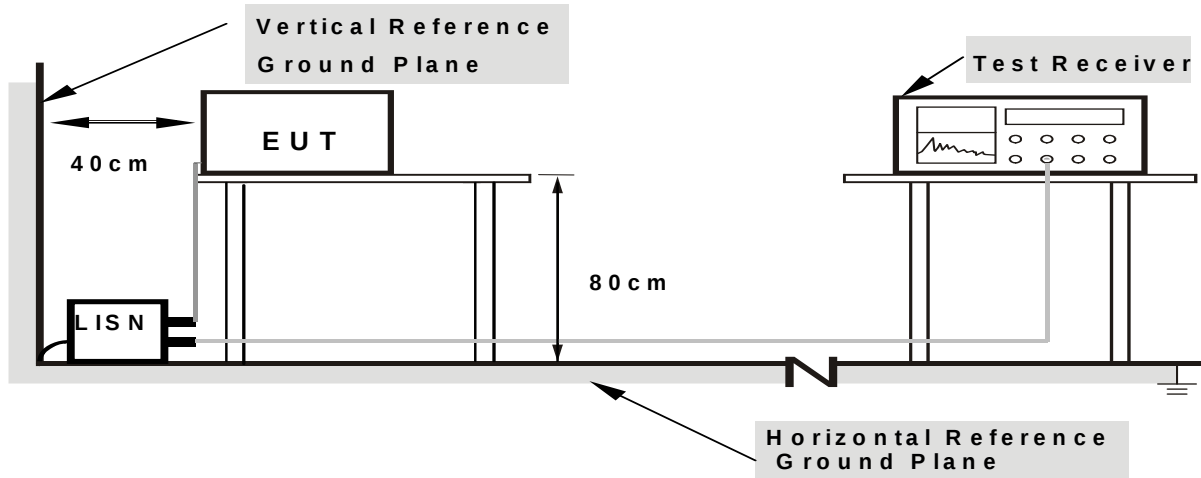
4.1.2 TEST PROCEDURE

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



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

4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the 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

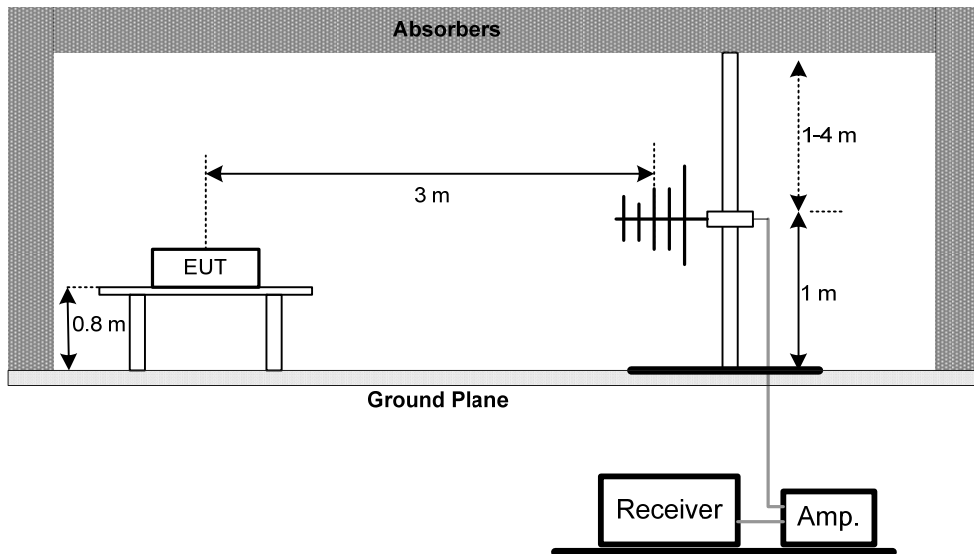
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

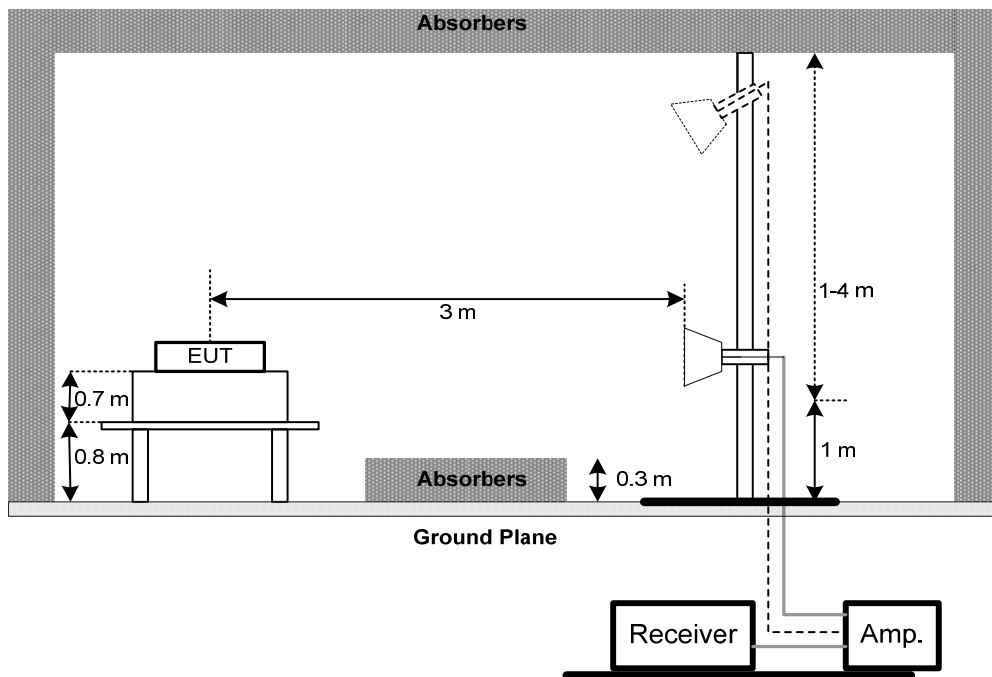
No deviation

4.2.4 TEST SETUP

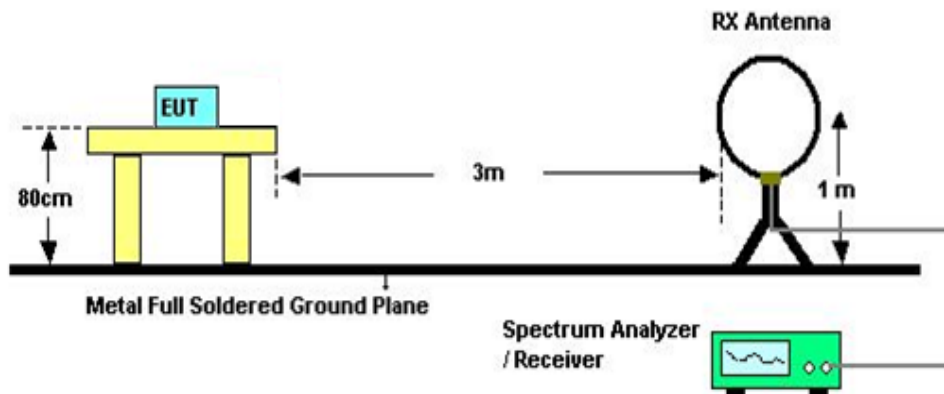
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the 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

5.1 APPLIED PROCEDURES

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

5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM AVG 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 AVG conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 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

7.1 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

- 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

7.1.2 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 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

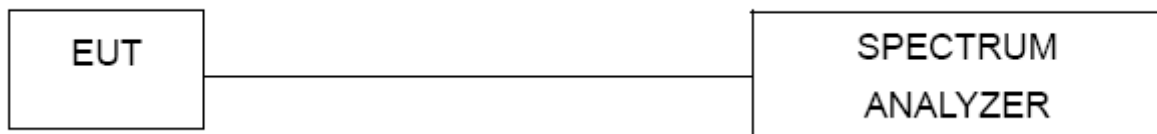
8.1.1 TEST PROCEDURE

- 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 Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	Jan. 24, 2019
2	Test Cable	TIMES	CFD300-NL	C02	Jun. 12, 2018
3	EMI Test Receiver	R&S	ESR7	101433	Dec. 07, 2018
4	Power Dividers	HP	11636A	8103	May 02, 2018
5	Measurement Software	EZ	EZ EMC (Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB9168-352	9168-352	Jul. 28, 2018
2	Horn Antenna	Schwarzbeck	BBHA 9120	D-325	Apr. 18, 2018
3	Horn Antenna	Schwarzbeck	BBHA 9120	9120D-1333	May 18, 2018
4	Pre-Amplifier	Anritsu	MH648A	M92649	Jun. 14, 2018
5	Pre-Amplifier	Agilent	8449B	3008A01714	Apr. 12, 2018
6	Test Cable	LMR	LMR-400	01(10M)	May 10, 2018
7	Test Cable	LMR	LMR-400	01(3M)	May 10, 2018
8	Test Cable	Harbour industries	27478LL142	1M	May 10, 2018
9	Test Cable	Harbour industries	27478LL142	3M	May 10, 2018
10	Test Cable	AISI	S104-SMAP-1	8M	May 10, 2018
11	Spectrum Analyzer	Agilent	N9020A	MY51160196	Aug. 01, 2018
12	EMI Test Receiver	R&S	ESCI	100080	May 10, 2018
13	Measurement Software	Farad	EZ EMC (Version NB-03A)	N/A	N/A

6dB Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 15, 2019

Peak Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	Anritsu	ML2487A	6K00004714	May 17, 2018
2	Power Meter Sensor	Anritsu	MA2491A	034138	May 17, 2018

Antenna Conducted Spurious Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 15, 2019

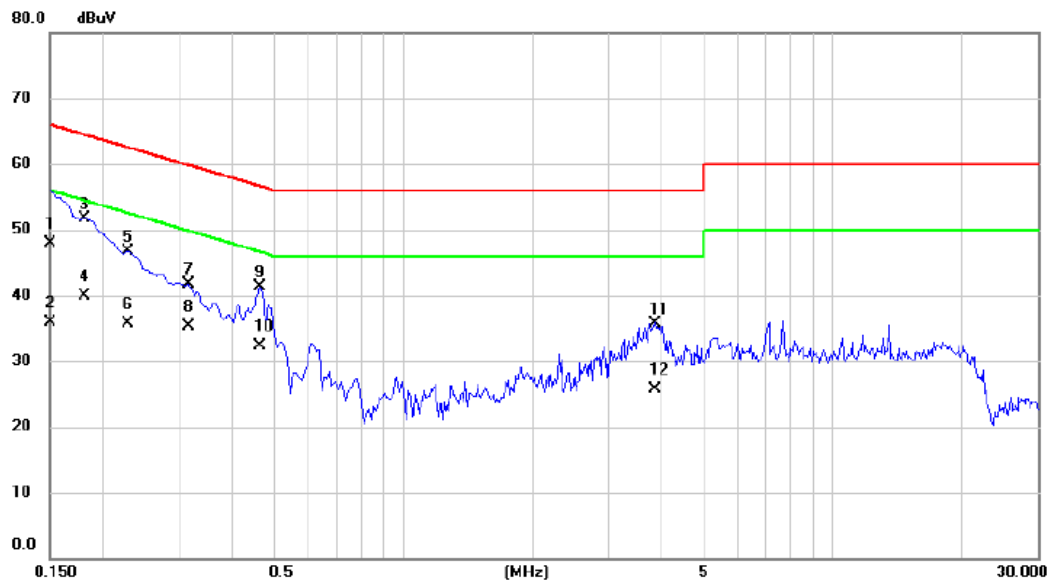
Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 15, 2019

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

APPENDIX A - CONDUCTED EMISSION

Test Mode: TX Mode

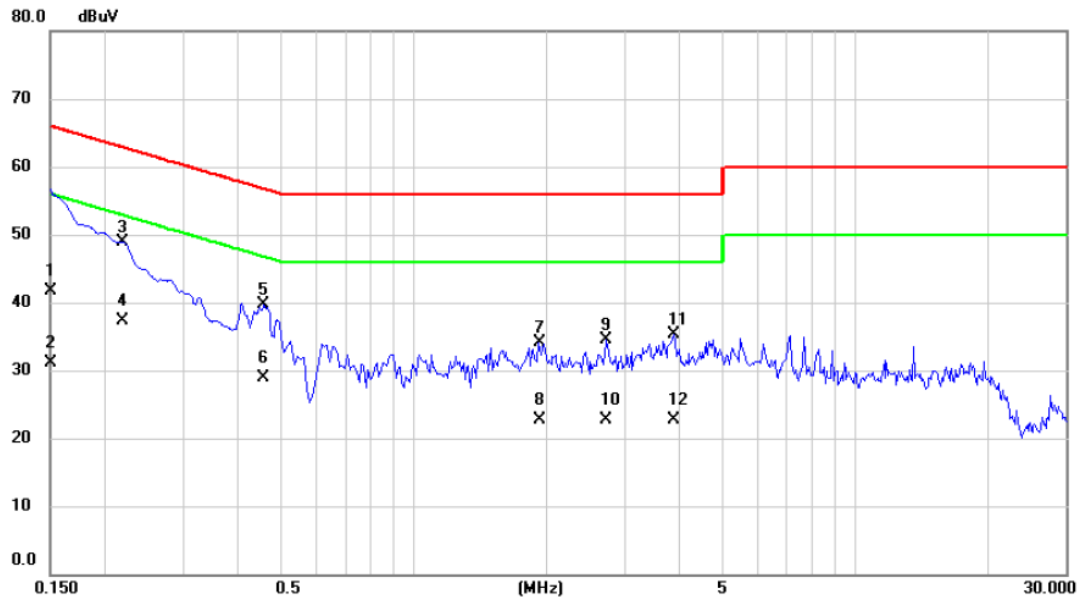
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	38.23	9.73	47.96	66.00	-18.04	QP	
2		0.1500	26.26	9.73	35.99	56.00	-20.01	AVG	
3	*	0.1814	41.93	9.72	51.65	64.42	-12.77	peak	
4		0.1814	30.17	9.72	39.89	54.42	-14.53	AVG	
5		0.2283	37.01	9.72	46.73	62.51	-15.78	peak	
6		0.2283	25.97	9.72	35.69	52.51	-16.82	AVG	
7		0.3150	31.99	9.73	41.72	59.84	-18.12	peak	
8		0.3150	25.54	9.73	35.27	49.84	-14.57	AVG	
9		0.4635	31.48	9.74	41.22	56.63	-15.41	peak	
10		0.4635	22.47	9.74	32.21	46.63	-14.42	AVG	
11		3.8480	26.00	9.80	35.80	56.00	-20.20	peak	
12		3.8480	15.87	9.80	25.67	46.00	-20.33	AVG	

Test Mode: TX Mode

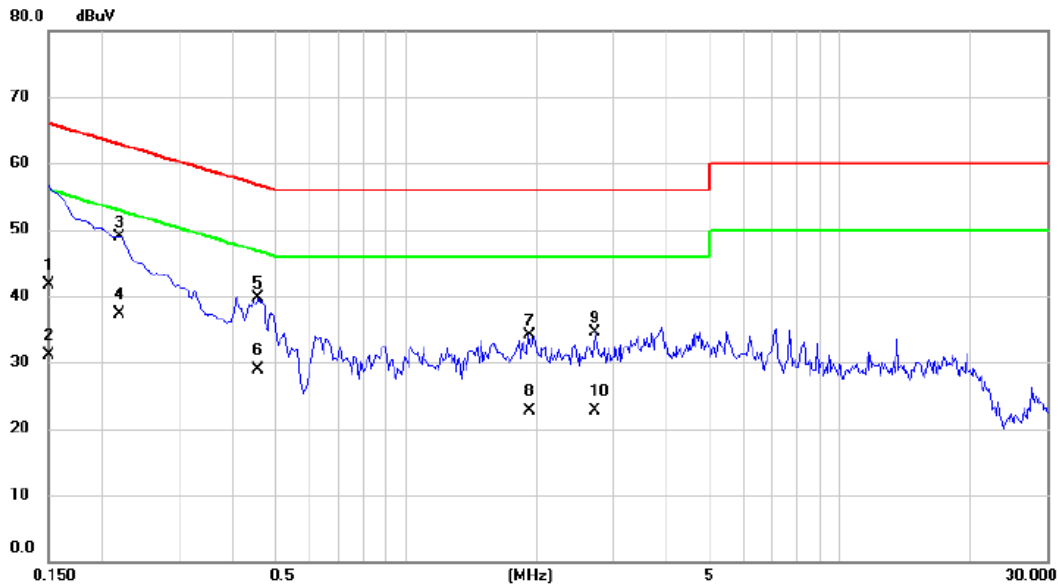
Neutral



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1500	32.14	9.65	41.79	66.00	-24.21	QP	
2	0.1500	21.43	9.65	31.08	56.00	-24.92	AVG	
3 *	0.2184	39.28	9.66	48.94	62.88	-13.94	peak	
4	0.2184	27.65	9.66	37.31	52.88	-15.57	AVG	
5	0.4577	30.03	9.68	39.71	56.73	-17.02	peak	
6	0.4577	19.23	9.68	28.91	46.73	-17.82	AVG	
7	1.9217	24.40	9.71	34.11	56.00	-21.89	peak	
8	1.9217	12.96	9.71	22.67	46.00	-23.33	AVG	
9	2.7317	24.71	9.73	34.44	56.00	-21.56	peak	
10	2.7317	13.03	9.73	22.76	46.00	-23.24	AVG	
11	3.8840	25.61	9.76	35.37	56.00	-20.63	peak	
12	3.8840	12.89	9.76	22.65	46.00	-23.35	AVG	

Test Mode: TX Mode

Line

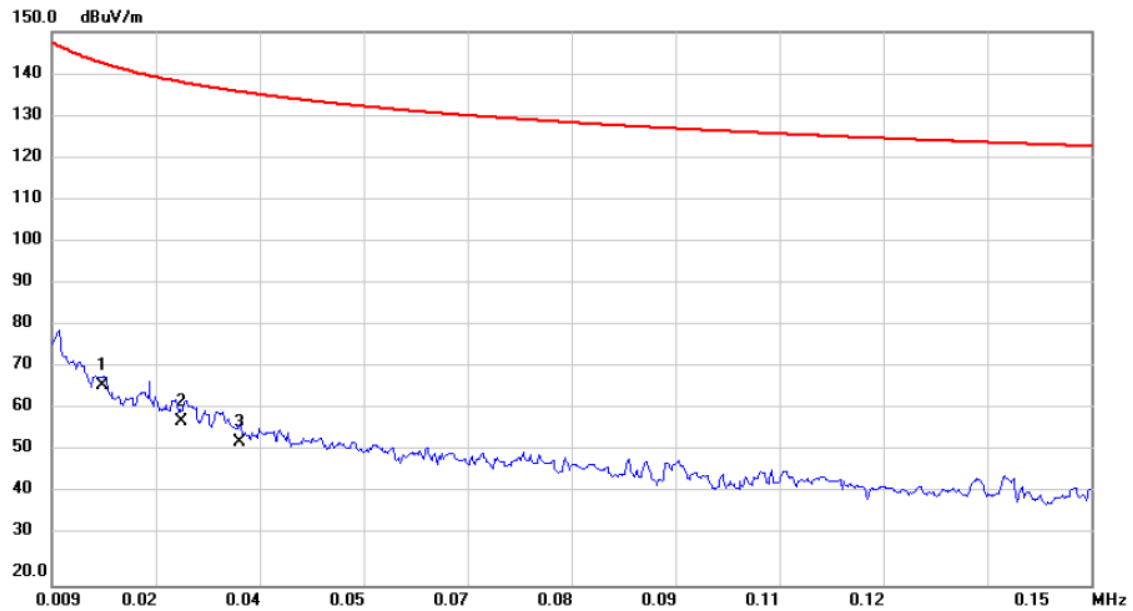


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	32.14	9.65	41.79	66.00	-24.21	QP	
2		0.1500	21.43	9.65	31.08	56.00	-24.92	AVG	
3	*	0.2184	39.28	9.66	48.94	62.88	-13.94	peak	
4		0.2184	27.65	9.66	37.31	52.88	-15.57	AVG	
5		0.4577	30.03	9.68	39.71	56.73	-17.02	peak	
6		0.4577	19.23	9.68	28.91	46.73	-17.82	AVG	
7		1.9217	24.40	9.71	34.11	56.00	-21.89	peak	
8		1.9217	12.96	9.71	22.67	46.00	-23.33	AVG	
9		2.7317	24.71	9.73	34.44	56.00	-21.56	peak	
10		2.7317	13.03	9.73	22.76	46.00	-23.24	AVG	

APPENDIX B - RADIATED EMISSION (9KHZ-30MHZ)

Test Mode: TX Mode

Ant 0°

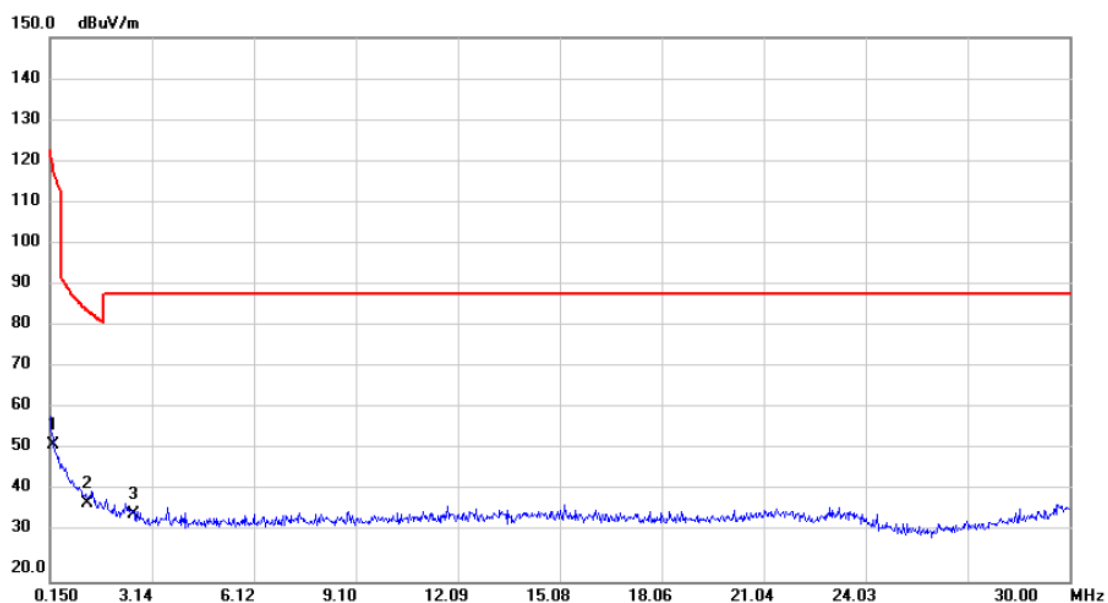


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0158	-8.14	74.96	66.82	142.71	-75.89	AVG	
2		0.0265	-12.12	70.78	58.66	138.22	-79.56	AVG	
3		0.0345	-14.85	68.55	53.70	135.93	-82.23	AVG	

Test Mode:

TX Mode

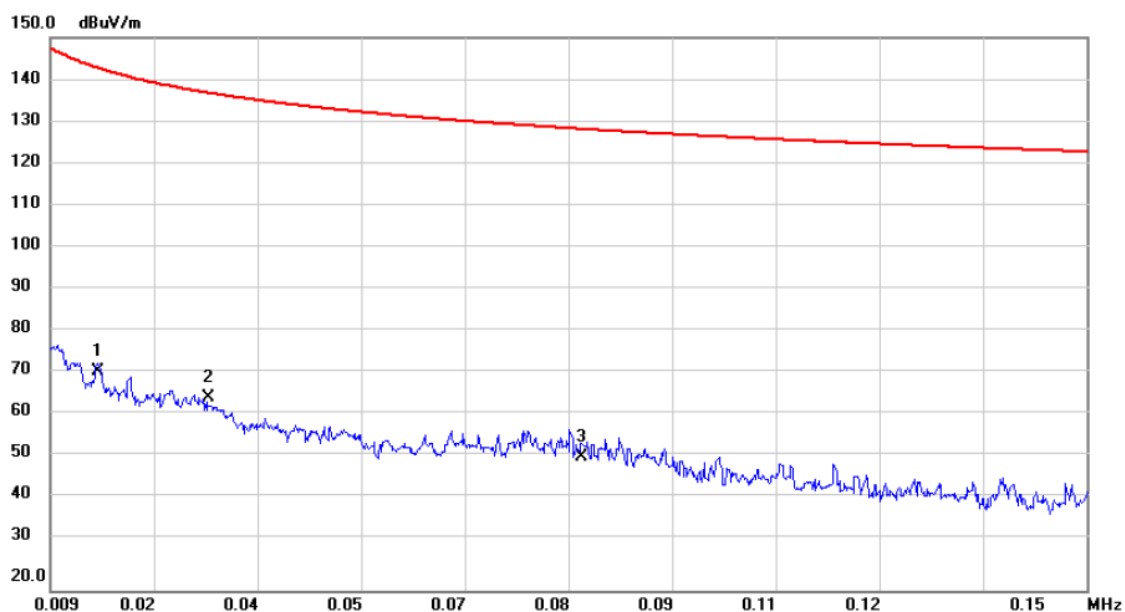
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2341	1.50	51.14	52.64	119.30	-66.66	AVG	
2	*	1.2291	-2.32	40.85	38.53	84.90	-46.37	QP	
3		2.6082	-2.64	38.57	35.93	88.63	-52.70	QP	

Test Mode: TX Mode

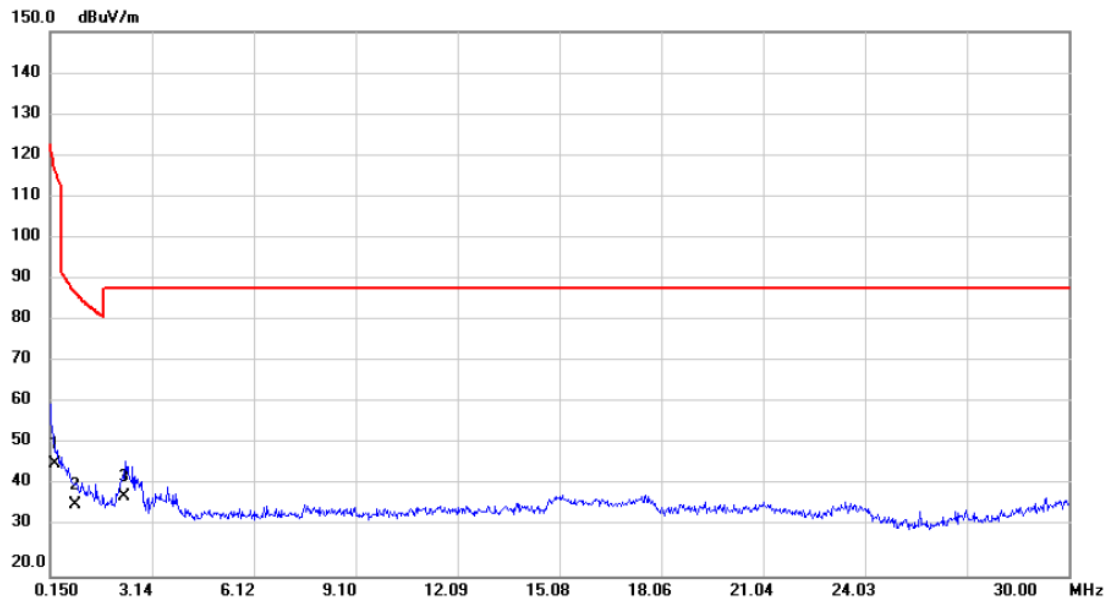
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0154	-3.68	75.21	71.53	142.93	-71.40	AVG	
2		0.0306	-4.40	69.72	65.32	136.97	-71.65	AVG	
3		0.0812	-8.99	60.19	51.20	128.49	-77.29	AVG	

Test Mode: TX Mode

Ant 90°

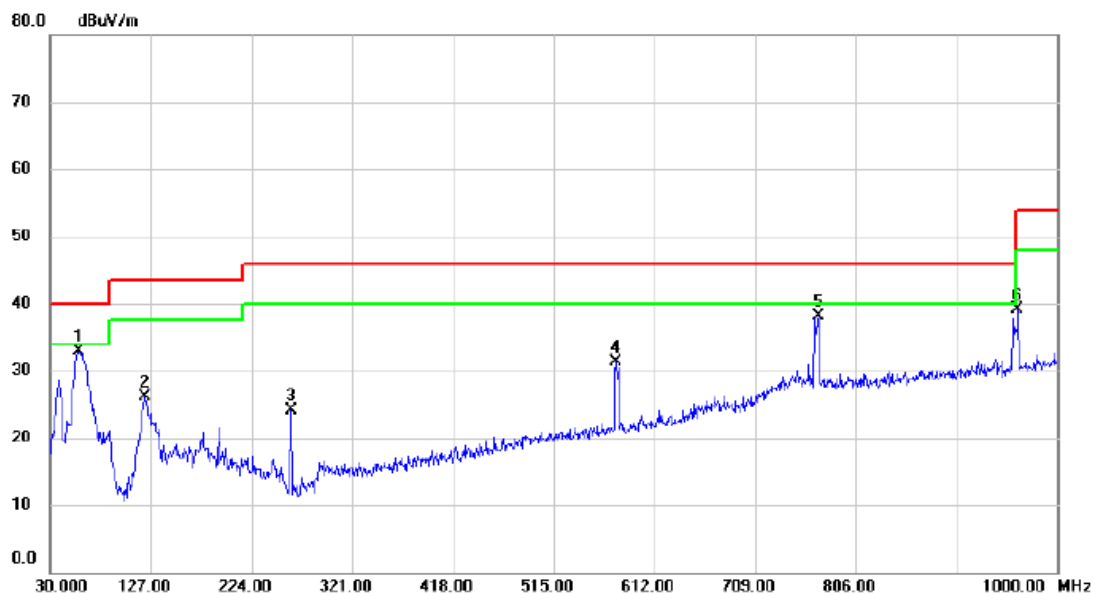


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2830	-2.52	49.48	46.96	117.66	-70.70	AVG	
2		0.8892	-4.68	41.85	37.17	87.71	-50.54	QP	
3	*	2.3213	0.32	38.78	39.10	88.63	-49.53	QP	

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

Test Mode: TX B MODE CHANNEL 01

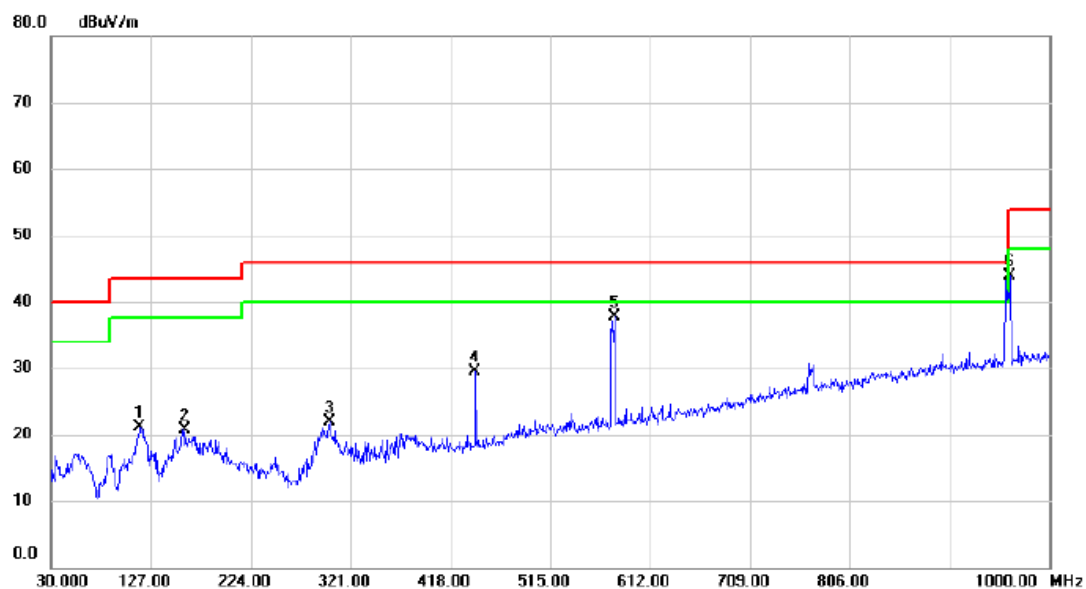
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	58.130	66.70	-33.72	32.98	40.00	-7.02	peak	
2		121.180	55.20	-29.04	26.16	43.50	-17.34	peak	
3		261.830	53.77	-29.59	24.18	46.00	-21.82	peak	
4		575.140	51.92	-20.63	31.29	46.00	-14.71	peak	
5		770.110	54.26	-16.17	38.09	46.00	-7.91	peak	
6		962.170	51.59	-12.40	39.19	54.00	-14.81	peak	

Test Mode: TX B MODE CHANNEL 01

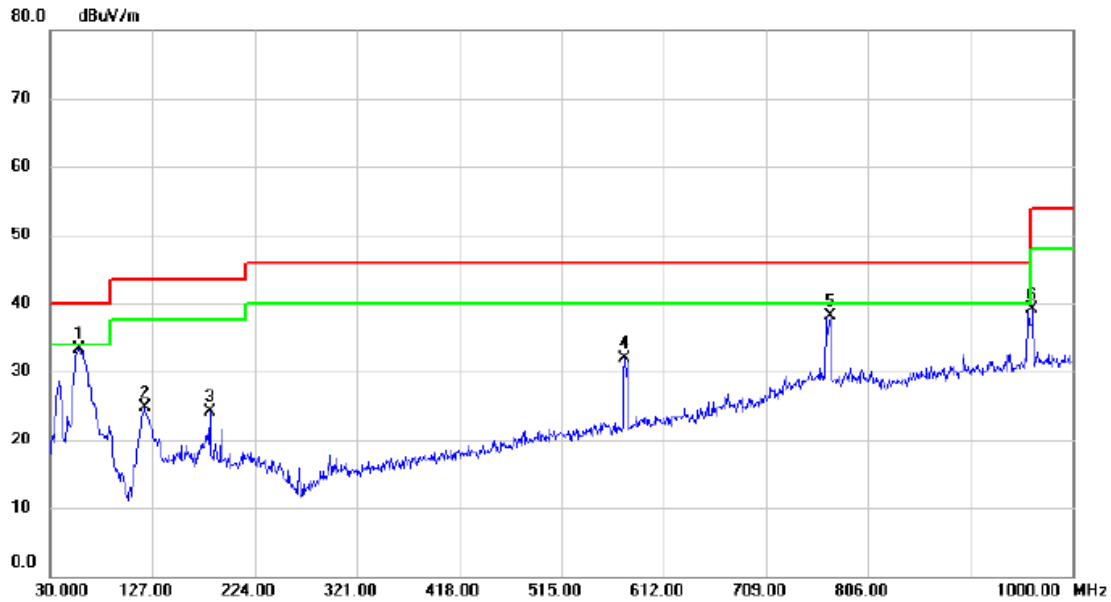
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		116.330	50.53	-29.33	21.20	43.50	-22.30	peak	
2		159.980	48.77	-28.12	20.65	43.50	-22.85	peak	
3		300.630	49.81	-27.96	21.85	46.00	-24.15	peak	
4		442.250	52.10	-22.55	29.55	46.00	-16.45	peak	
5	*	577.080	58.20	-20.58	37.62	46.00	-8.38	peak	
6		962.170	56.23	-12.40	43.83	54.00	-10.17	peak	

Test Mode: TX B MODE CHANNEL 06

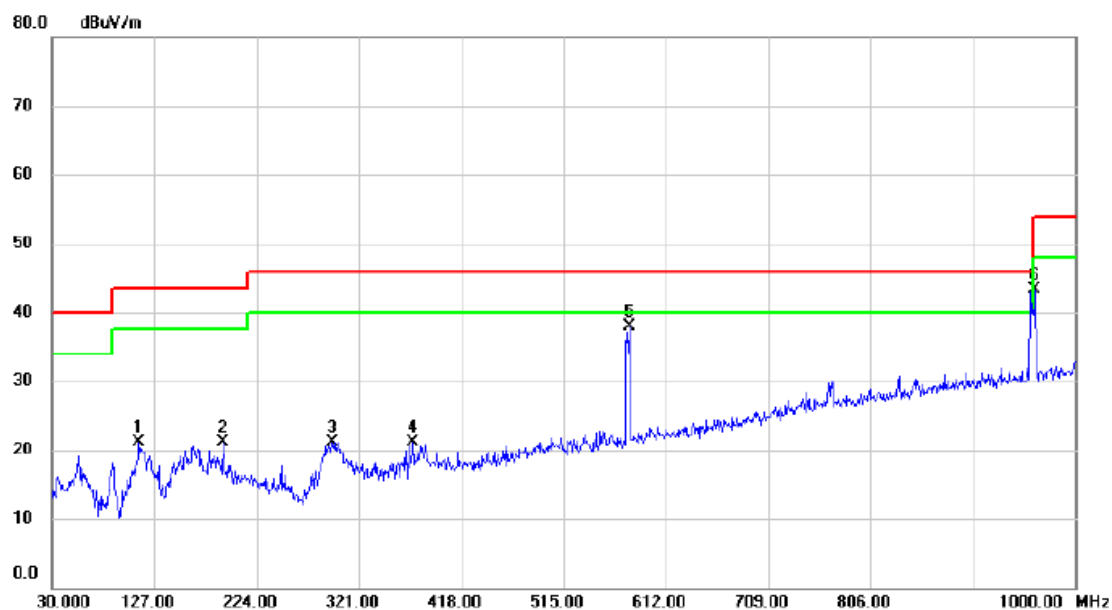
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	57.160	66.88	-33.52	33.36	40.00	-6.64	peak	
2		119.240	53.75	-29.05	24.70	43.50	-18.80	peak	
3		181.320	54.68	-30.52	24.16	43.50	-19.34	peak	
4		575.140	52.45	-20.63	31.82	46.00	-14.18	peak	
5		770.110	54.18	-16.17	38.01	46.00	-7.99	peak	
6		962.170	51.58	-12.40	39.18	54.00	-14.82	peak	

Test Mode: TX B MODE CHANNEL 06

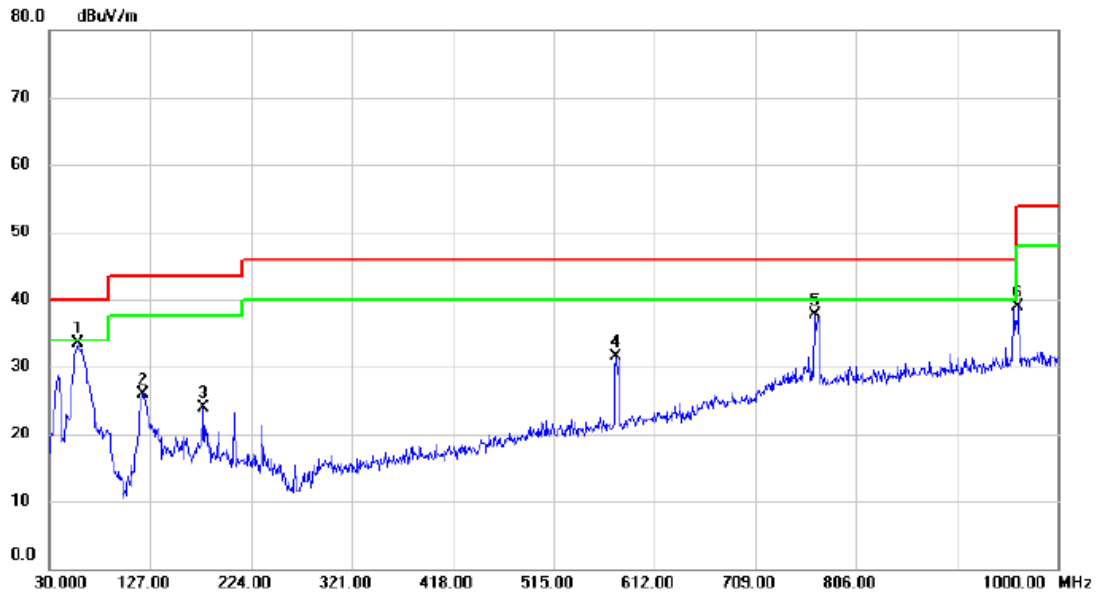
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		112.450	50.75	-29.72	21.03	43.50	-22.47	peak	
2		191.990	50.93	-29.78	21.15	43.50	-22.35	peak	
3		295.780	49.23	-28.07	21.16	46.00	-24.84	peak	
4		372.410	45.74	-24.63	21.11	46.00	-24.89	peak	
5	*	577.080	58.41	-20.58	37.83	46.00	-8.17	peak	
6		962.170	55.70	-12.40	43.30	54.00	-10.70	peak	

Test Mode: TX B MODE CHANNEL 11

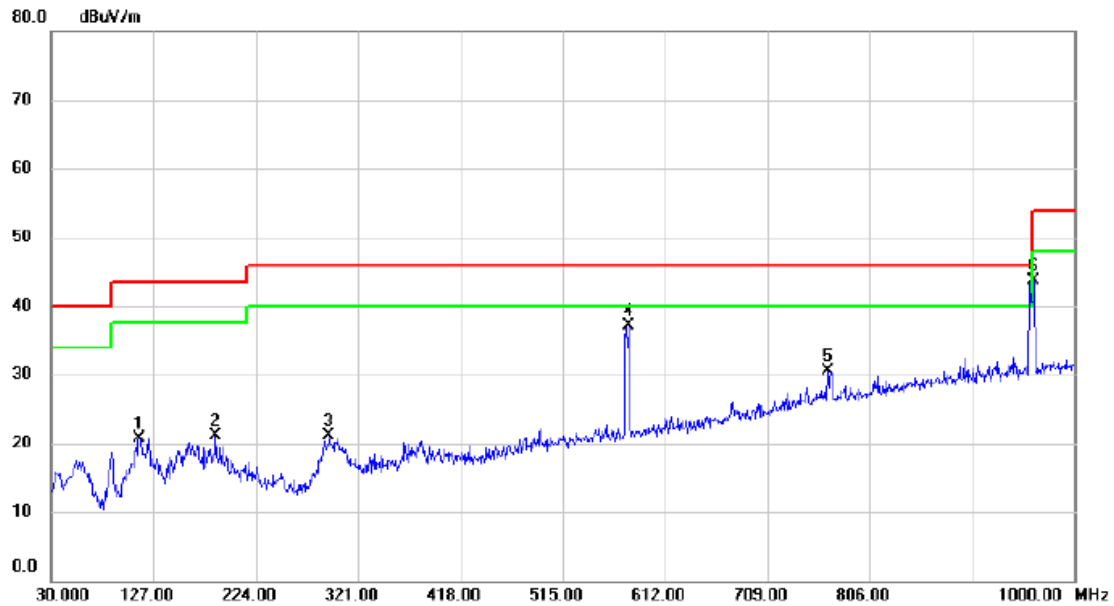
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	57.160	67.00	-33.52	33.48	40.00	-6.52	peak	
2		120.210	54.92	-28.98	25.94	43.50	-17.56	peak	
3		178.410	54.26	-30.34	23.92	43.50	-19.58	peak	
4		575.140	52.19	-20.63	31.56	46.00	-14.44	peak	
5		766.230	54.10	-16.31	37.79	46.00	-8.21	peak	
6		962.170	51.29	-12.40	38.89	54.00	-15.11	peak	

Test Mode: TX B MODE CHANNEL 11

Horizontal

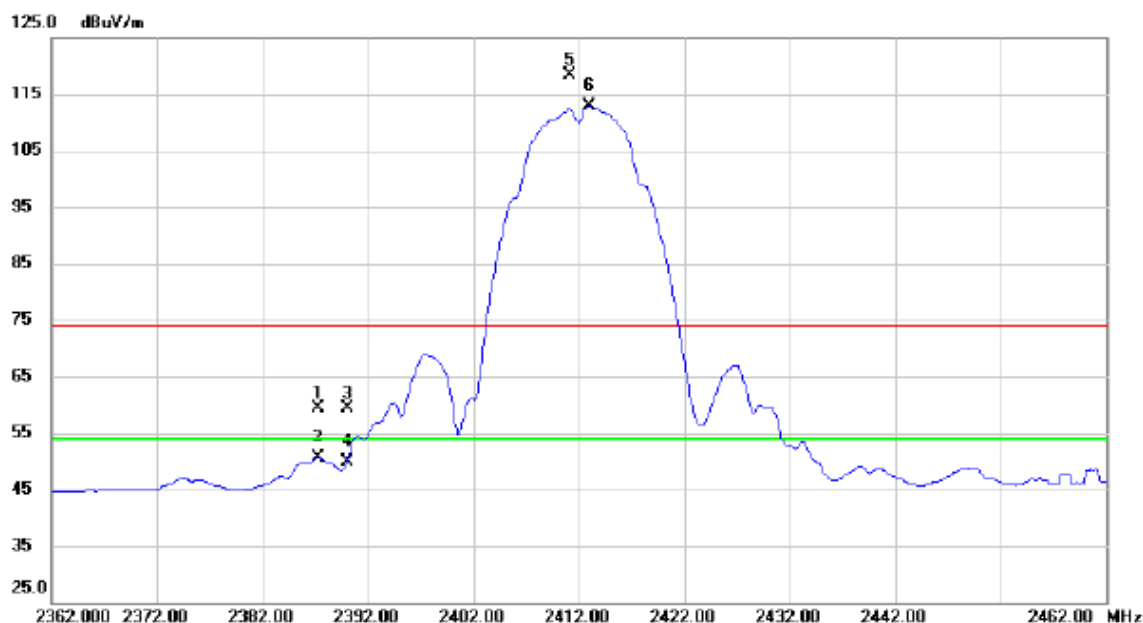


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		113.420	50.34	-29.61	20.73	43.50	-22.77	peak	
2		186.170	51.08	-29.91	21.17	43.50	-22.33	peak	
3		293.840	49.16	-28.10	21.06	46.00	-24.94	peak	
4	*	577.080	57.68	-20.58	37.10	46.00	-8.90	peak	
5		766.230	46.87	-16.31	30.56	46.00	-15.44	peak	
6		962.170	56.01	-12.40	43.61	54.00	-10.39	peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

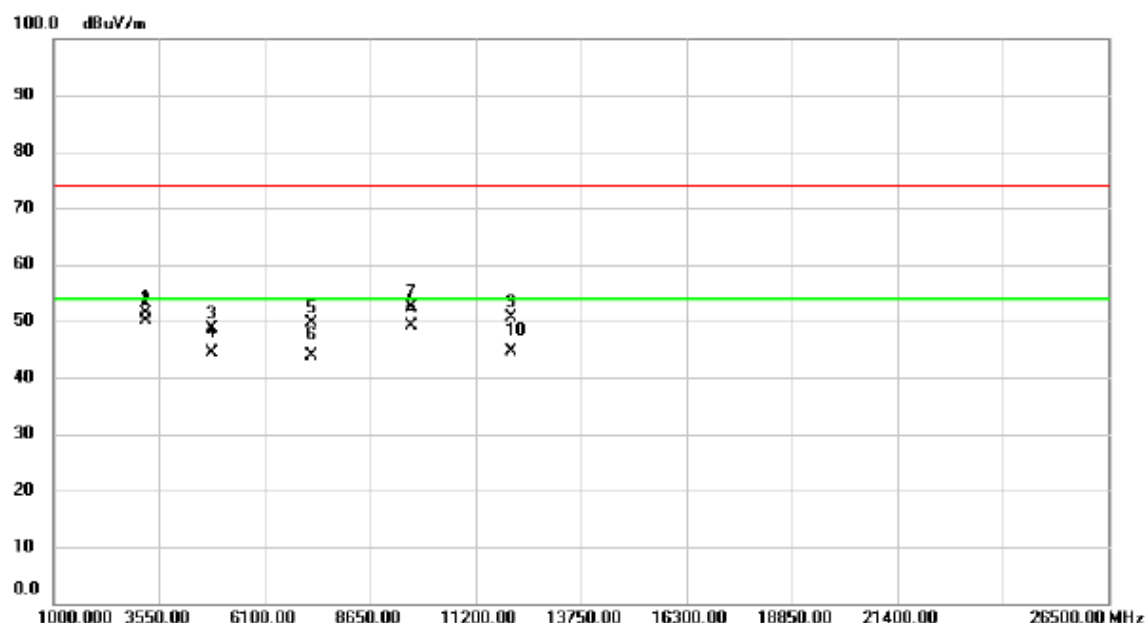
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2387.300	27.17	32.29	59.46	74.00	-14.54	peak	
2		2387.300	18.28	32.29	50.57	54.00	-3.43	AVG	
3		2390.000	27.19	32.30	59.49	74.00	-14.51	peak	
4		2390.000	17.56	32.30	49.86	54.00	-4.14	AVG	
5	X	2411.100	85.98	32.40	118.38	74.00	44.38	peak	No Limit
6	*	2413.000	80.55	32.41	112.96	54.00	58.96	AVG	No Limit

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

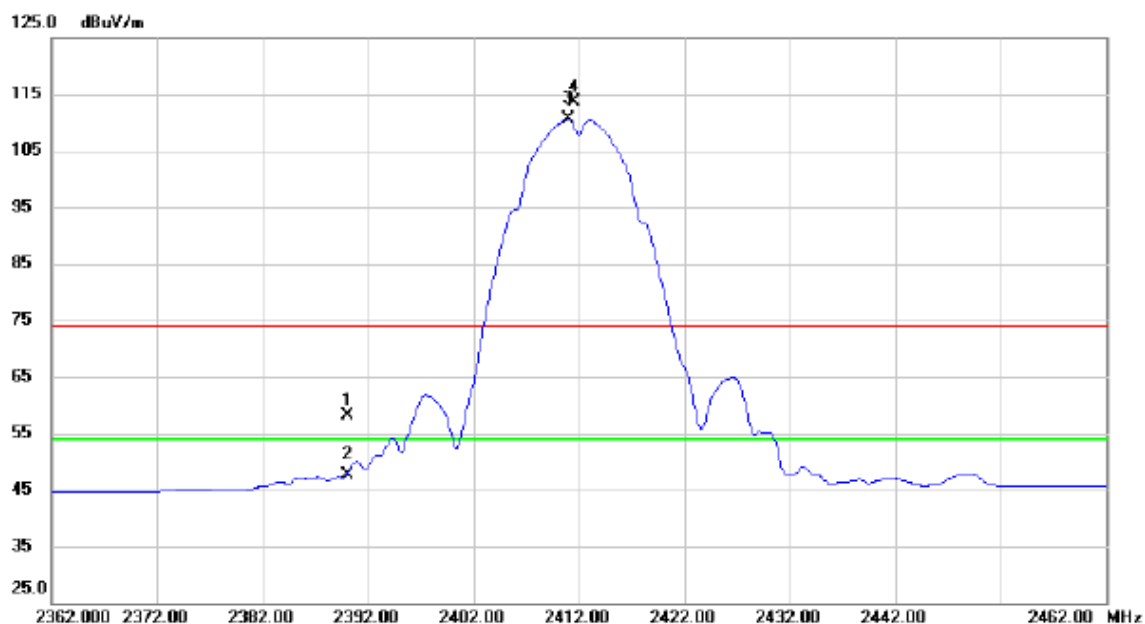
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3216.000	66.36	-15.00	51.36	74.00	-22.64	peak	
2	*	3216.000	65.10	-15.00	50.10	54.00	-3.90	AVG	
3		4824.000	60.00	-11.26	48.74	74.00	-25.26	peak	
4		4824.000	55.69	-11.26	44.43	54.00	-9.57	AVG	
5		7236.000	54.21	-4.67	49.54	74.00	-24.46	peak	
6		7236.000	48.56	-4.67	43.89	54.00	-10.11	AVG	
7		9648.000	52.62	-0.16	52.46	74.00	-21.54	peak	
8		9648.000	49.20	-0.16	49.04	54.00	-4.96	AVG	
9		12060.00	49.20	1.35	50.55	74.00	-23.45	peak	
10		12060.00	43.40	1.35	44.75	54.00	-9.25	AVG	

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

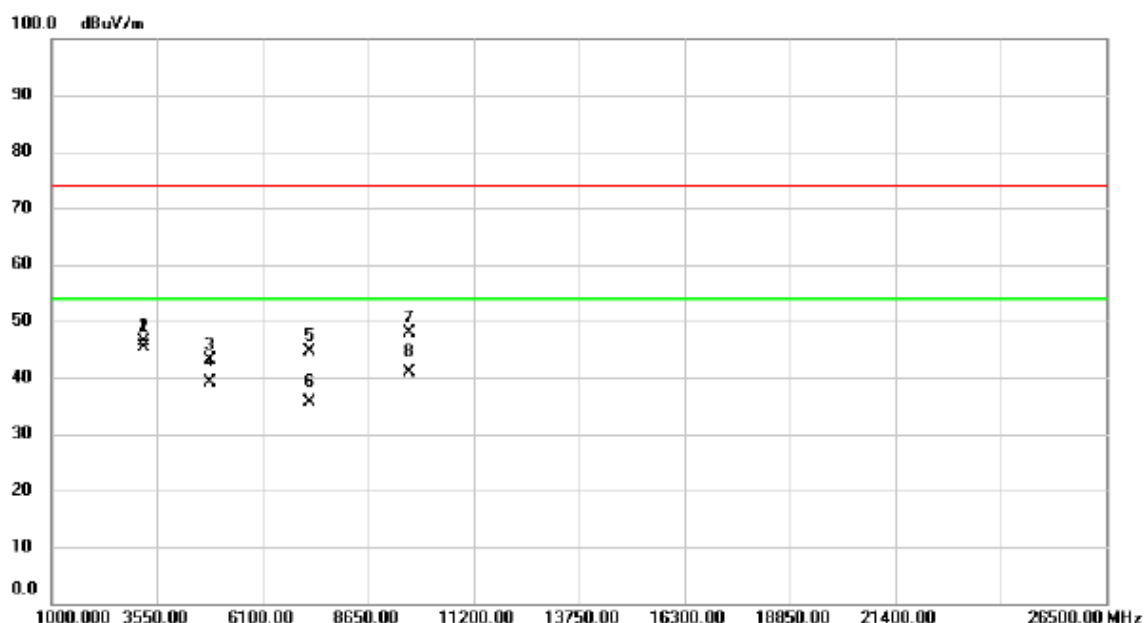
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	25.72	32.30	58.02	74.00	-15.98	peak	
2		2390.000	15.40	32.30	47.70	54.00	-6.30	AVG	
3	*	2411.000	78.29	32.40	110.69	54.00	56.69	AVG	No Limit
4	X	2411.500	81.24	32.40	113.64	74.00	39.64	peak	No Limit

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

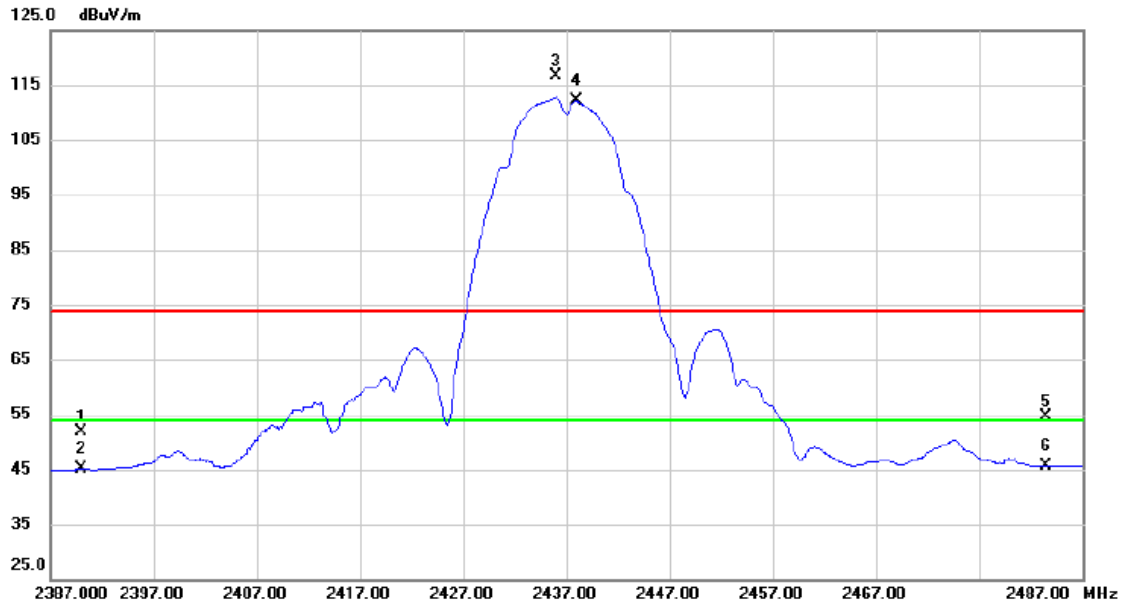
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3216.000	61.50	-15.00	46.50	74.00	-27.50	peak	
2	*	3216.000	60.30	-15.00	45.30	54.00	-8.70	AVG	
3		4824.000	54.40	-11.26	43.14	74.00	-30.86	peak	
4		4824.000	50.45	-11.26	39.19	54.00	-14.81	AVG	
5		7236.000	49.36	-4.67	44.69	74.00	-29.31	peak	
6		7236.000	40.32	-4.67	35.65	54.00	-18.35	AVG	
7		9648.000	48.00	-0.16	47.84	74.00	-26.16	peak	
8		9648.000	41.10	-0.16	40.94	54.00	-13.06	AVG	

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

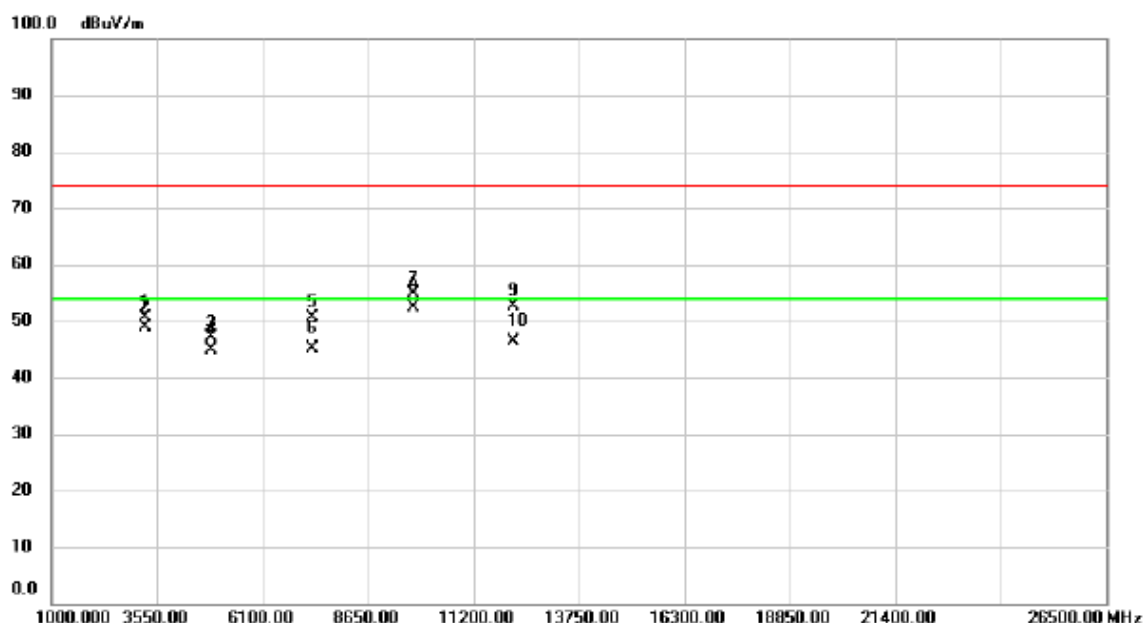
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	19.62	32.30	51.92	74.00	-22.08	peak	
2		2390.000	12.78	32.30	45.08	54.00	-8.92	AVG	
3	X	2436.000	84.15	32.51	116.66	74.00	42.66	peak	No Limit
4	*	2438.000	79.64	32.52	112.16	54.00	58.16	AVG	No Limit
5		2483.500	21.88	32.73	54.61	74.00	-19.39	peak	
6		2483.500	12.97	32.73	45.70	54.00	-8.30	AVG	

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

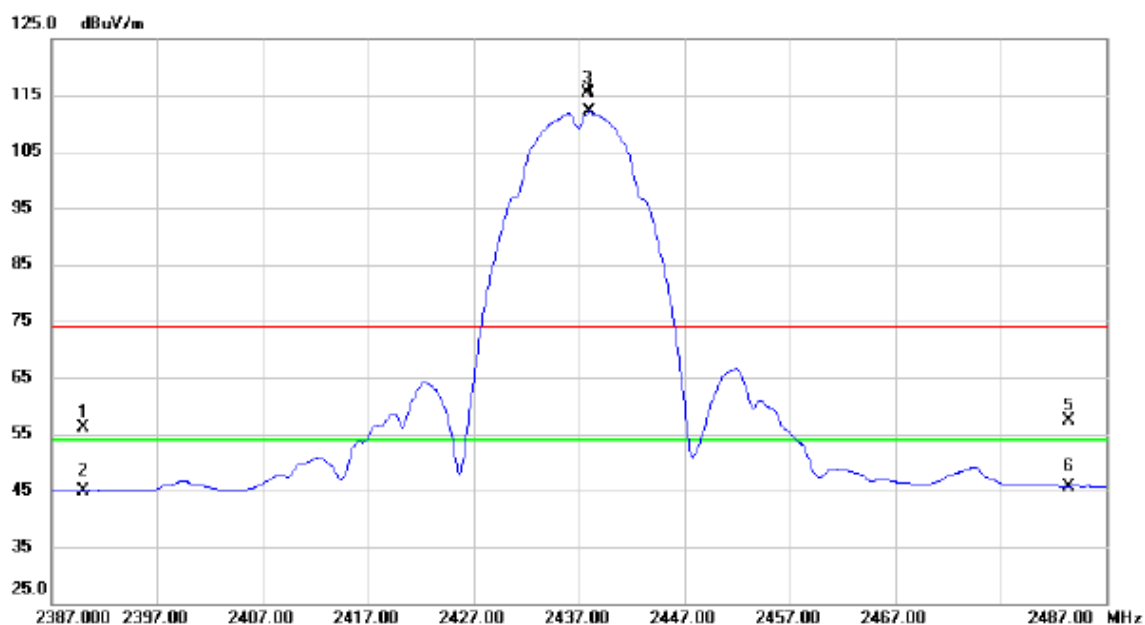
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	65.49	-14.95	50.54	74.00	-23.46	peak	
2		3249.000	63.79	-14.95	48.84	54.00	-5.16	AVG	
3		4874.000	58.16	-11.13	47.03	74.00	-26.97	peak	
4		4874.000	55.90	-11.13	44.77	54.00	-9.23	AVG	
5		7311.000	55.15	-4.51	50.64	74.00	-23.36	peak	
6		7311.000	49.55	-4.51	45.04	54.00	-8.96	AVG	
7		9748.000	54.83	0.00	54.83	74.00	-19.17	peak	
8	*	9748.000	52.32	0.00	52.32	54.00	-1.68	AVG	
9		12185.000	51.32	1.36	52.68	74.00	-21.32	peak	
10		12185.000	44.95	1.36	46.31	54.00	-7.69	AVG	

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

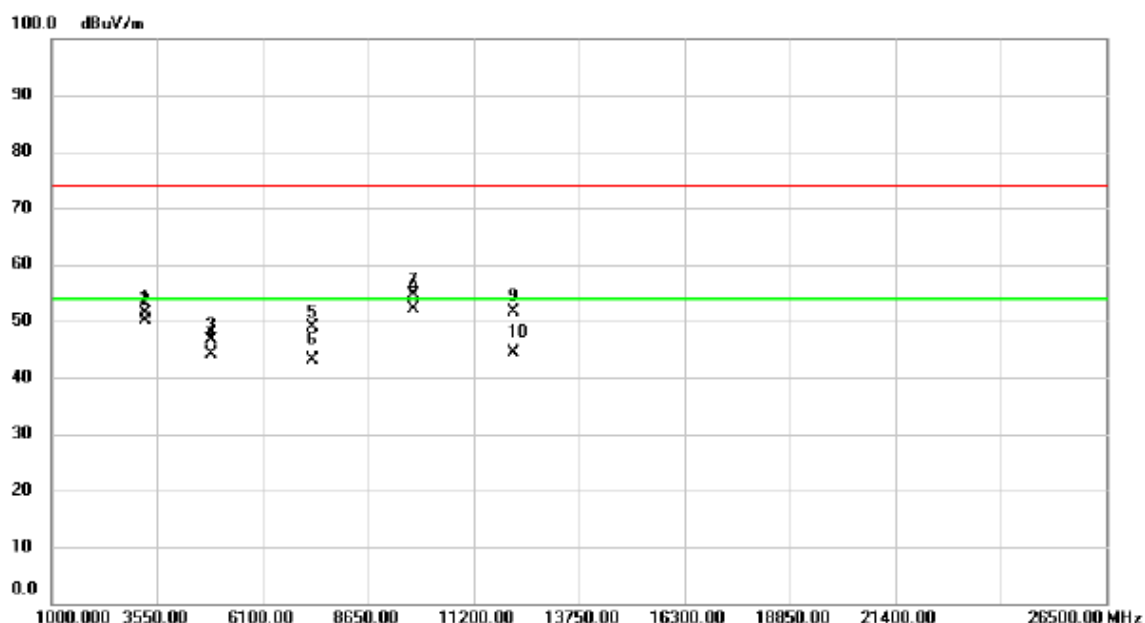
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	23.91	32.30	56.21	74.00	-17.79	peak	
2		2390.000	12.68	32.30	44.98	54.00	-9.02	AVG	
3	X	2437.800	82.89	32.52	115.41	74.00	41.41	peak	No Limit
4	*	2438.000	79.61	32.52	112.13	54.00	58.13	AVG	No Limit
5		2483.500	24.62	32.73	57.35	74.00	-16.65	peak	
6		2483.500	13.01	32.73	45.74	54.00	-8.26	AVG	

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

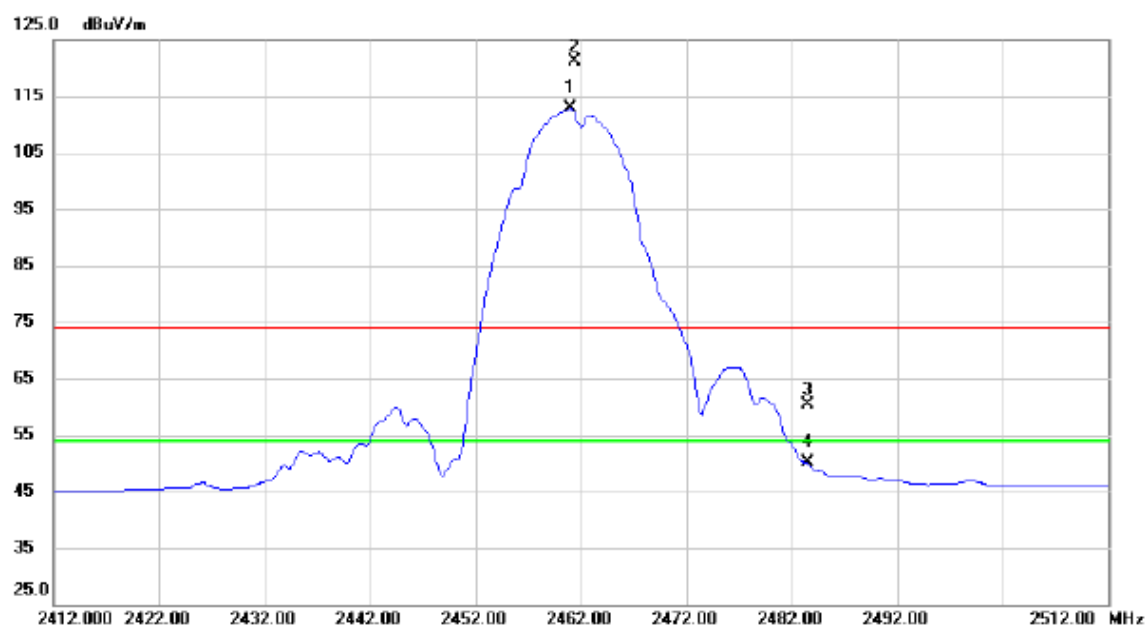
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	66.44	-14.95	51.49	74.00	-22.51	peak	
2		3249.000	65.19	-14.95	50.24	54.00	-3.76	AVG	
3		4874.000	57.85	-11.13	46.72	74.00	-27.28	peak	
4		4874.000	55.38	-11.13	44.25	54.00	-9.75	AVG	
5		7311.000	53.50	-4.51	48.99	74.00	-25.01	peak	
6		7311.000	47.58	-4.51	43.07	54.00	-10.93	AVG	
7		9748.000	54.70	0.00	54.70	74.00	-19.30	peak	
8	*	9748.000	52.13	0.00	52.13	54.00	-1.87	AVG	
9		12185.00	50.22	1.36	51.58	74.00	-22.42	peak	
10		12185.00	42.97	1.36	44.33	54.00	-9.67	AVG	

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

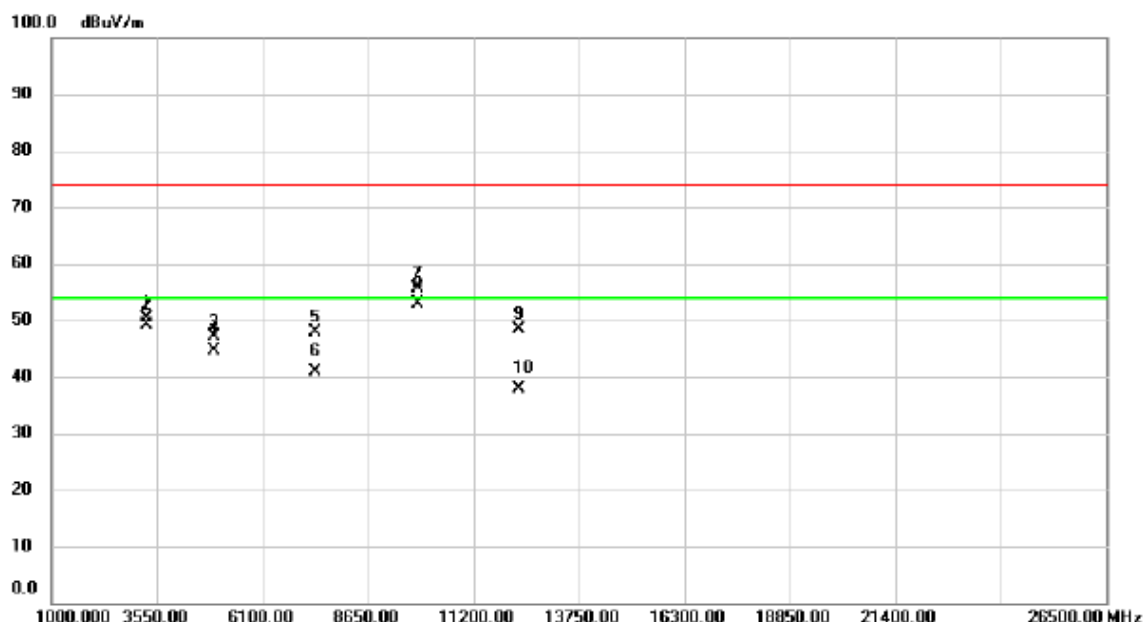
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2461.000	80.14	32.63	112.77	54.00	58.77	AVG	No Limit
2	X	2461.400	88.61	32.63	121.24	74.00	47.24	peak	No Limit
3		2483.500	27.63	32.73	60.36	74.00	-13.64	peak	
4		2483.500	17.30	32.73	50.03	54.00	-3.97	AVG	

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

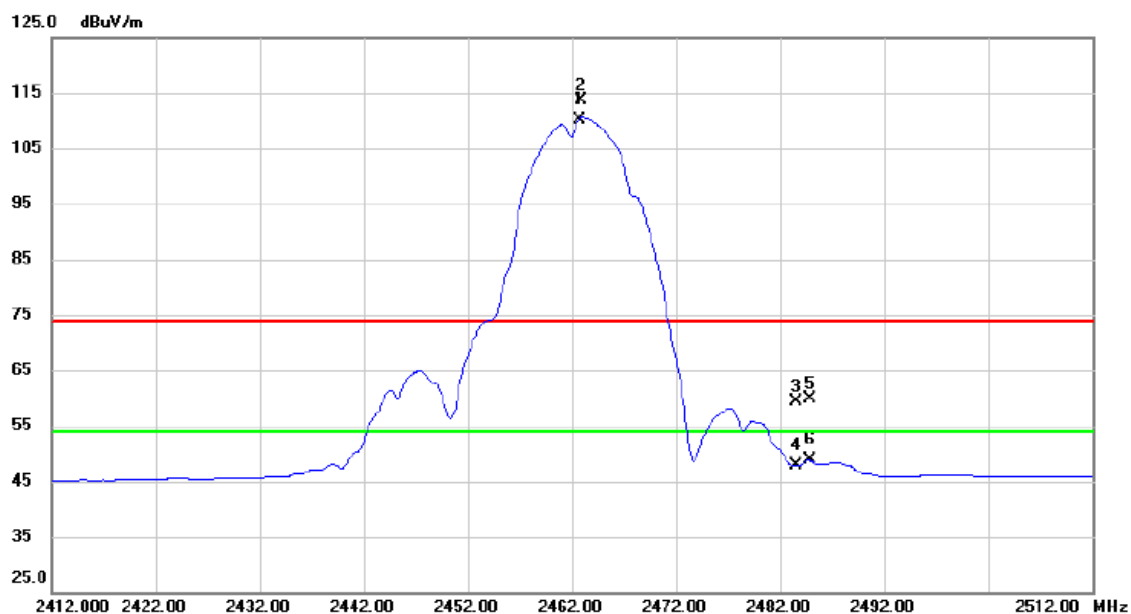
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3282.000	65.33	-14.89	50.44	74.00	-23.56	peak	
2		3282.000	63.94	-14.89	49.05	54.00	-4.95	AVG	
3		4924.000	58.13	-11.02	47.11	74.00	-26.89	peak	
4		4924.000	55.77	-11.02	44.75	54.00	-9.25	AVG	
5		7386.000	52.20	-4.33	47.87	74.00	-26.13	peak	
6		7386.000	45.16	-4.33	40.83	54.00	-13.17	AVG	
7		9848.000	55.44	0.17	55.61	74.00	-18.39	peak	
8	*	9848.000	52.80	0.17	52.97	54.00	-1.03	AVG	
9		12310.00	46.98	1.36	48.34	74.00	-25.66	peak	
10		12310.00	36.47	1.36	37.83	54.00	-16.17	AVG	

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

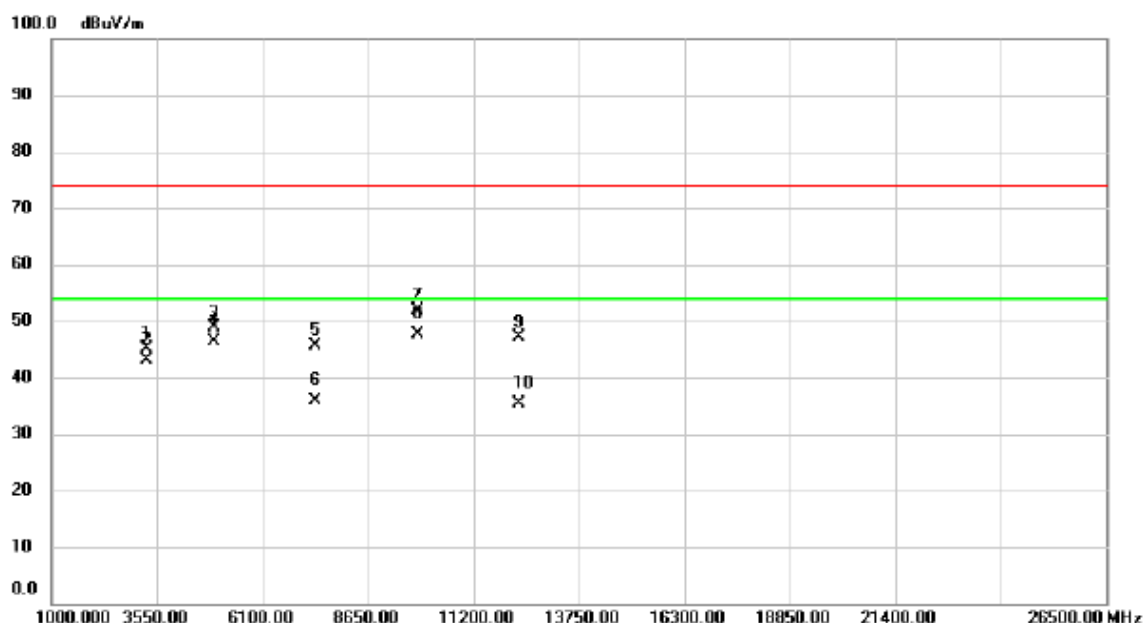
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2462.700	77.47	32.63	110.10	54.00	56.10	AVG	No Limit
2	X	2462.800	80.88	32.63	113.51	74.00	39.51	peak	No Limit
3		2483.500	26.73	32.73	59.46	74.00	-14.54	peak	
4		2483.500	15.13	32.73	47.86	54.00	-6.14	AVG	
5		2484.800	27.21	32.74	59.95	74.00	-14.05	peak	
6		2484.800	16.05	32.74	48.79	54.00	-5.21	AVG	

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

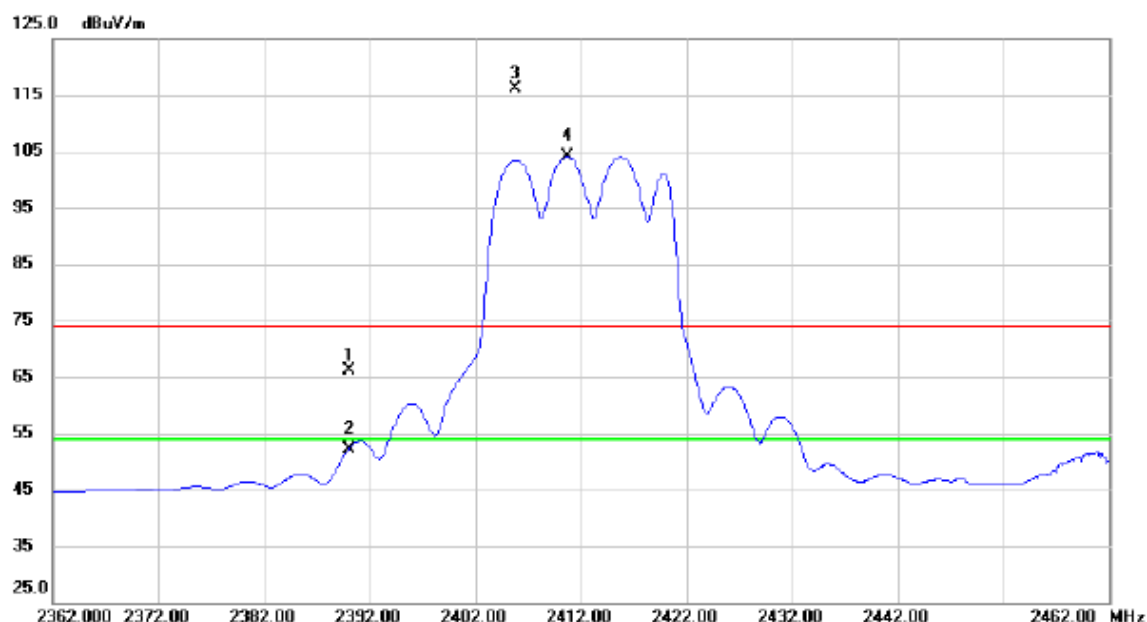
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3282.000	60.00	-14.89	45.11	74.00	-28.89	peak	
2		3282.000	58.03	-14.89	43.14	54.00	-10.86	AVG	
3		4924.000	60.00	-11.02	48.98	74.00	-25.02	peak	
4		4924.000	57.44	-11.02	46.42	54.00	-7.58	AVG	
5		7386.000	50.00	-4.33	45.67	74.00	-28.33	peak	
6		7386.000	40.28	-4.33	35.95	54.00	-18.05	AVG	
7		9848.000	51.77	0.17	51.94	74.00	-22.06	peak	
8	*	9848.000	47.56	0.17	47.73	54.00	-6.27	AVG	
9		12310.00	45.86	1.36	47.22	74.00	-26.78	peak	
10		12310.00	33.95	1.36	35.31	54.00	-18.69	AVG	

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

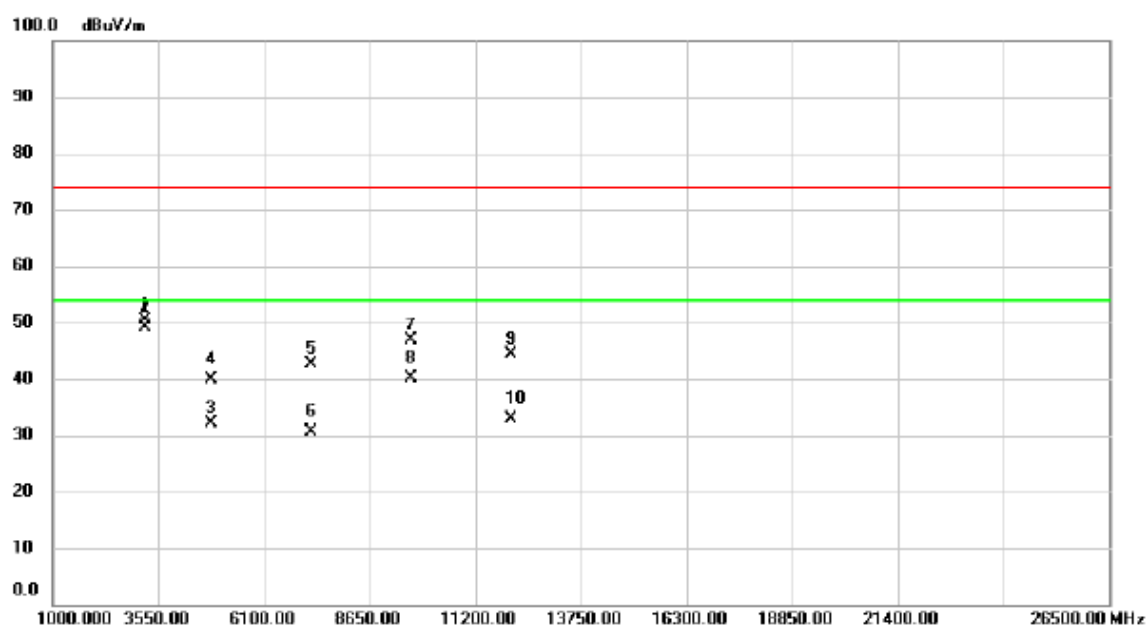
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	33.83	32.30	66.13	74.00	-7.87	peak	
2		2390.000	19.90	32.30	52.20	54.00	-1.80	AVG	
3	X	2405.800	83.68	32.37	116.05	74.00	42.05	peak	No Limit
4	*	2410.700	71.67	32.40	104.07	54.00	50.07	AVG	No Limit

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

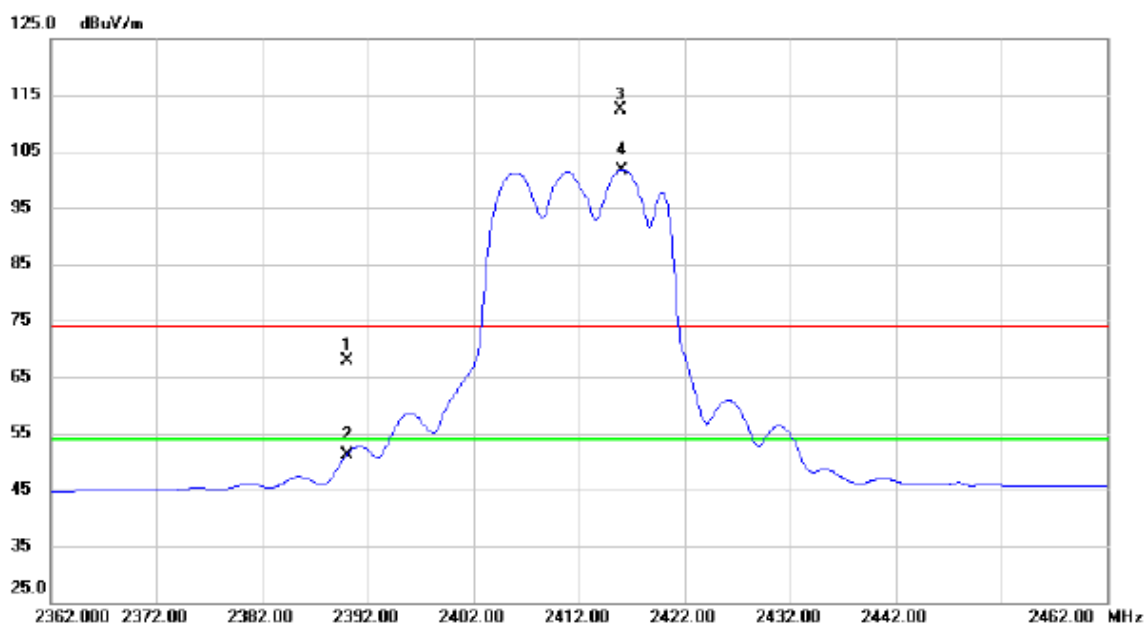
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3216.000	65.49	-15.00	50.49	74.00	-23.51	peak	
2	*	3216.000	64.14	-15.00	49.14	54.00	-4.86	AVG	
3		4824.000	43.49	-11.26	32.23	74.00	-41.77	peak	
4		4824.000	51.16	-11.26	39.90	54.00	-14.10	AVG	
5		7236.000	47.22	-4.67	42.55	74.00	-31.45	peak	
6		7236.000	35.20	-4.67	30.53	54.00	-23.47	AVG	
7		9648.000	47.05	-0.16	46.89	74.00	-27.11	peak	
8		9648.000	40.30	-0.16	40.14	54.00	-13.86	AVG	
9		12060.000	43.11	1.35	44.46	74.00	-29.54	peak	
10		12060.000	31.54	1.35	32.89	54.00	-21.11	AVG	

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

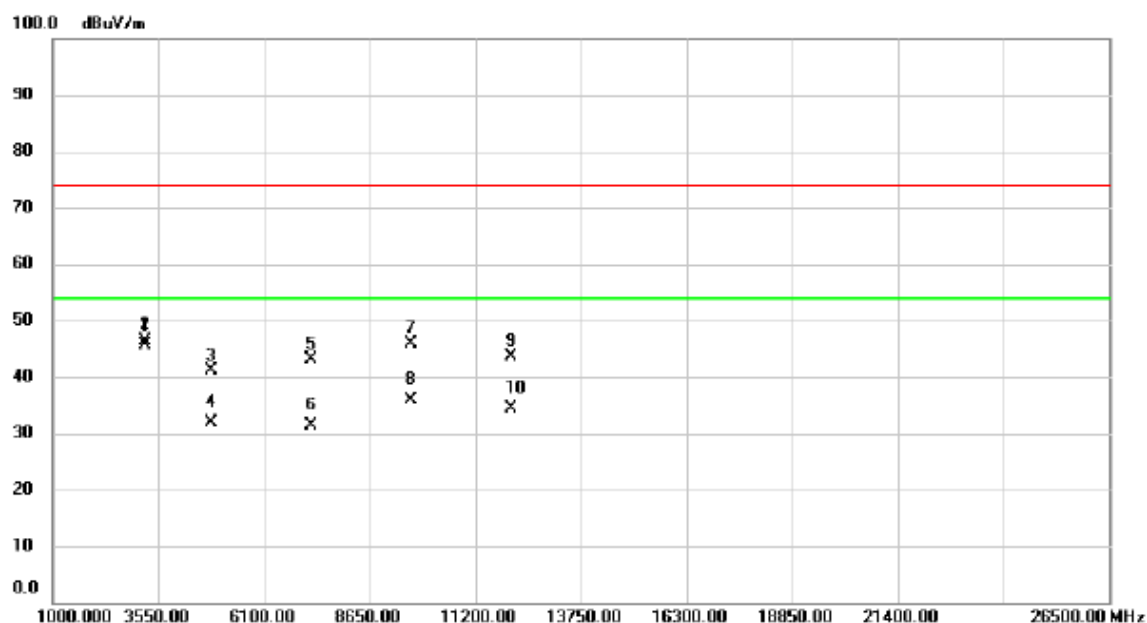
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	35.68	32.30	67.98	74.00	-6.02	peak	
2		2390.000	18.85	32.30	51.15	54.00	-2.85	AVG	
3	X	2415.900	79.90	32.43	112.33	74.00	38.33	peak	No Limit
4	*	2416.100	69.26	32.43	101.69	54.00	47.69	AVG	No Limit

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

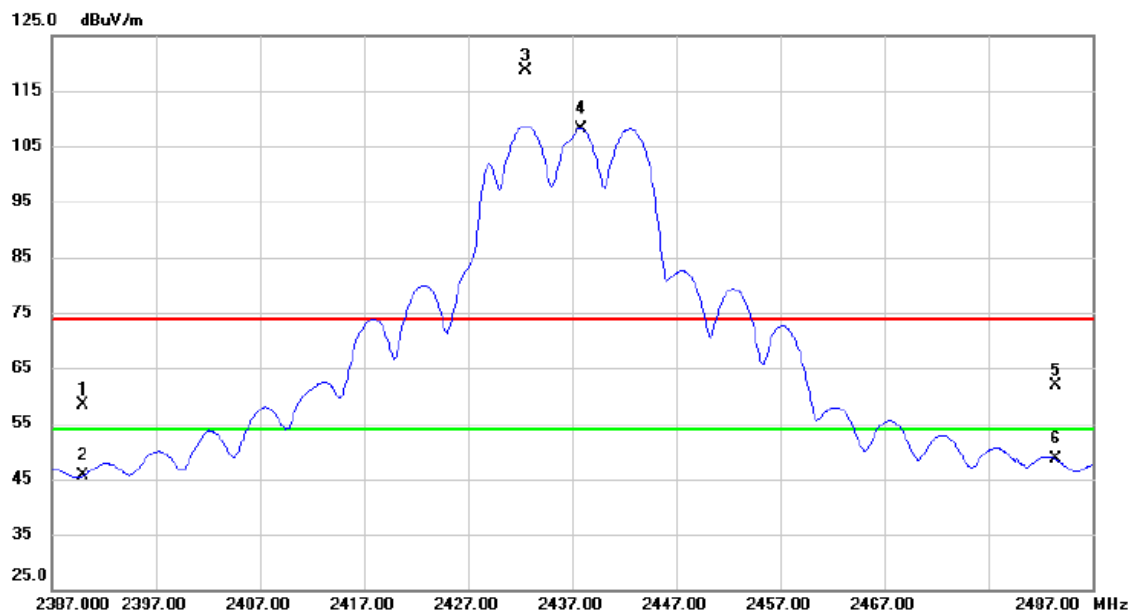
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3216.000	61.45	-15.00	46.45	74.00	-27.55	peak	
2	*	3216.000	60.57	-15.00	45.57	54.00	-8.43	AVG	
3		4824.000	52.41	-11.26	41.15	74.00	-32.85	peak	
4		4824.000	43.20	-11.26	31.94	54.00	-22.06	AVG	
5		7236.000	47.80	-4.67	43.13	74.00	-30.87	peak	
6		7236.000	35.95	-4.67	31.28	54.00	-22.72	AVG	
7		9648.000	46.06	-0.16	45.90	74.00	-28.10	peak	
8		9648.000	35.94	-0.16	35.78	54.00	-18.22	AVG	
9		12060.00	42.40	1.35	43.75	74.00	-30.25	peak	
10		12060.00	33.08	1.35	34.43	54.00	-19.57	AVG	

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

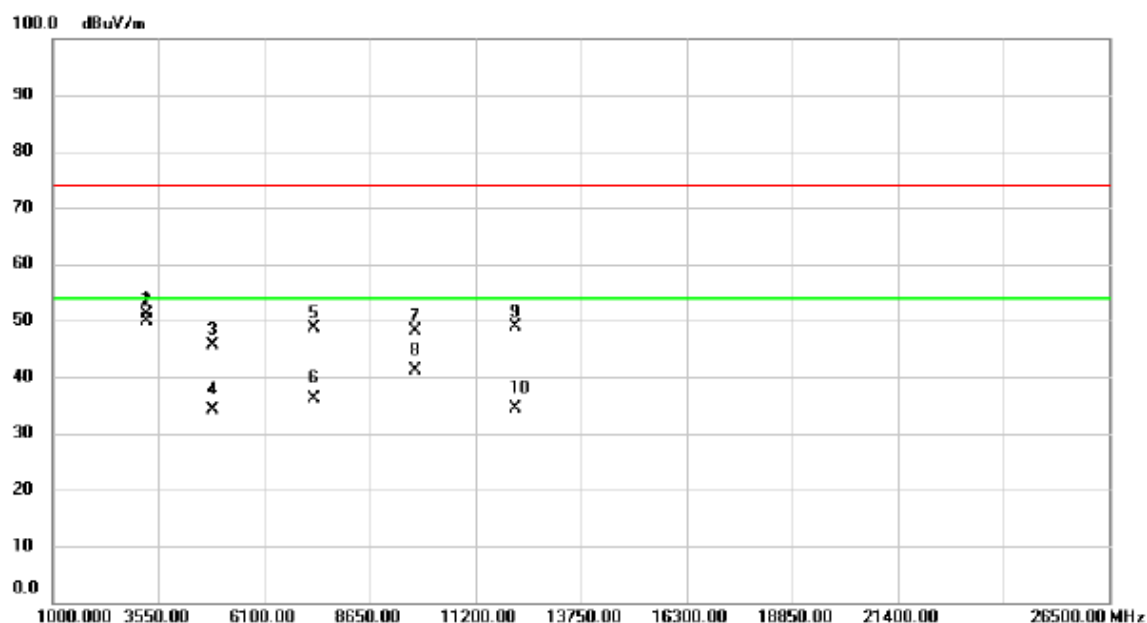
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	26.19	32.30	58.49	74.00	-15.51	peak	
2		2390.000	13.22	32.30	45.52	54.00	-8.48	AVG	
3	X	2432.600	86.12	32.50	118.62	74.00	44.62	peak	No Limit
4	*	2437.800	75.64	32.52	108.16	54.00	54.16	AVG	No Limit
5		2483.500	29.18	32.73	61.91	74.00	-12.09	peak	
6		2483.500	15.82	32.73	48.55	54.00	-5.45	AVG	

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

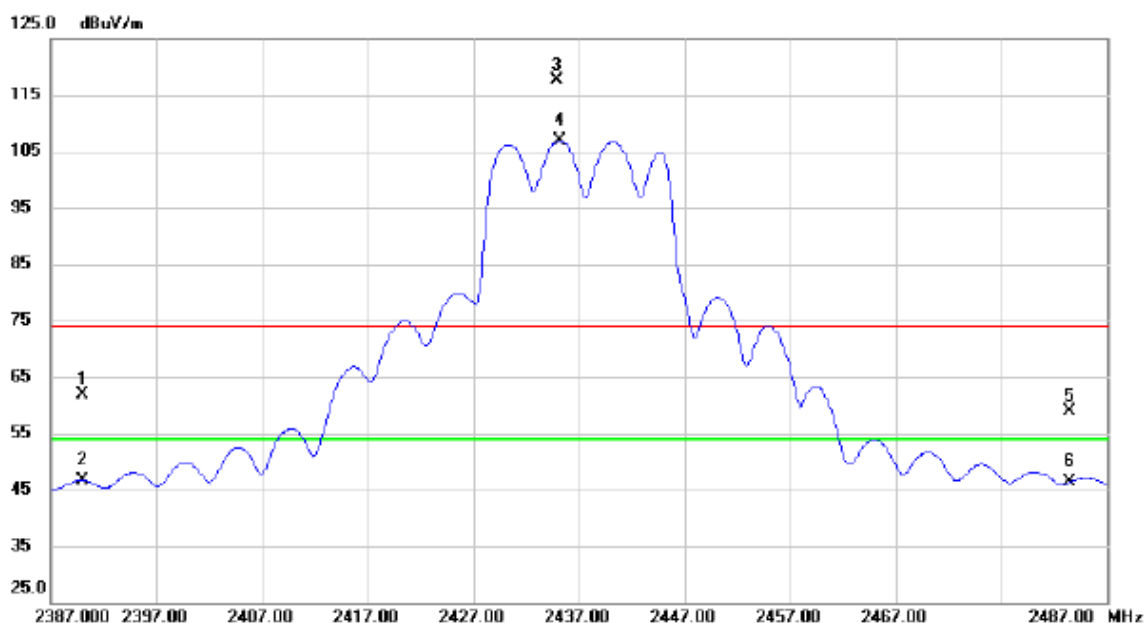
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	66.11	-14.95	51.16	74.00	-22.84	peak	
2	*	3249.000	64.92	-14.95	49.97	54.00	-4.03	AVG	
3		4874.000	56.85	-11.13	45.72	74.00	-28.28	peak	
4		4874.000	45.25	-11.13	34.12	54.00	-19.88	AVG	
5		7311.000	53.25	-4.51	48.74	74.00	-25.26	peak	
6		7311.000	40.75	-4.51	36.24	54.00	-17.76	AVG	
7		9748.000	48.01	0.00	48.01	74.00	-25.99	peak	
8		9748.000	41.03	0.00	41.03	54.00	-12.97	AVG	
9		12185.00	47.58	1.36	48.94	74.00	-25.06	peak	
10		12185.00	33.11	1.36	34.47	54.00	-19.53	AVG	

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

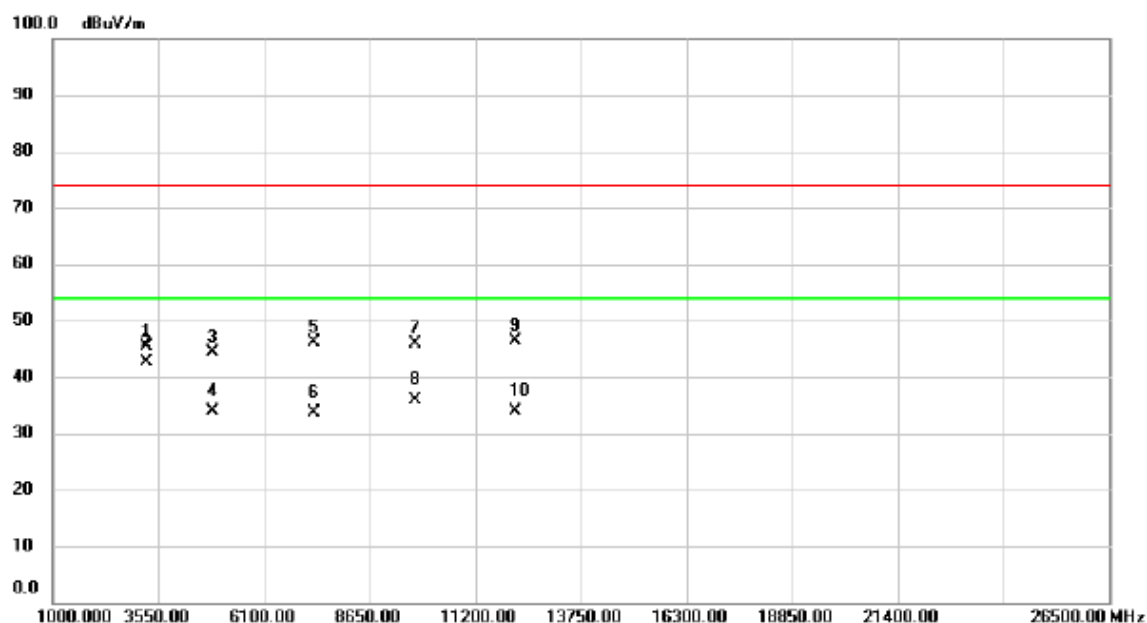
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	29.69	32.30	61.99	74.00	-12.01	peak	
2		2390.000	14.34	32.30	46.64	54.00	-7.36	AVG	
3	X	2434.900	85.22	32.51	117.73	74.00	43.73	peak	No Limit
4	*	2435.200	74.29	32.51	106.80	54.00	52.80	AVG	No Limit
5		2483.500	26.14	32.73	58.87	74.00	-15.13	peak	
6		2483.500	13.62	32.73	46.35	54.00	-7.65	AVG	

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

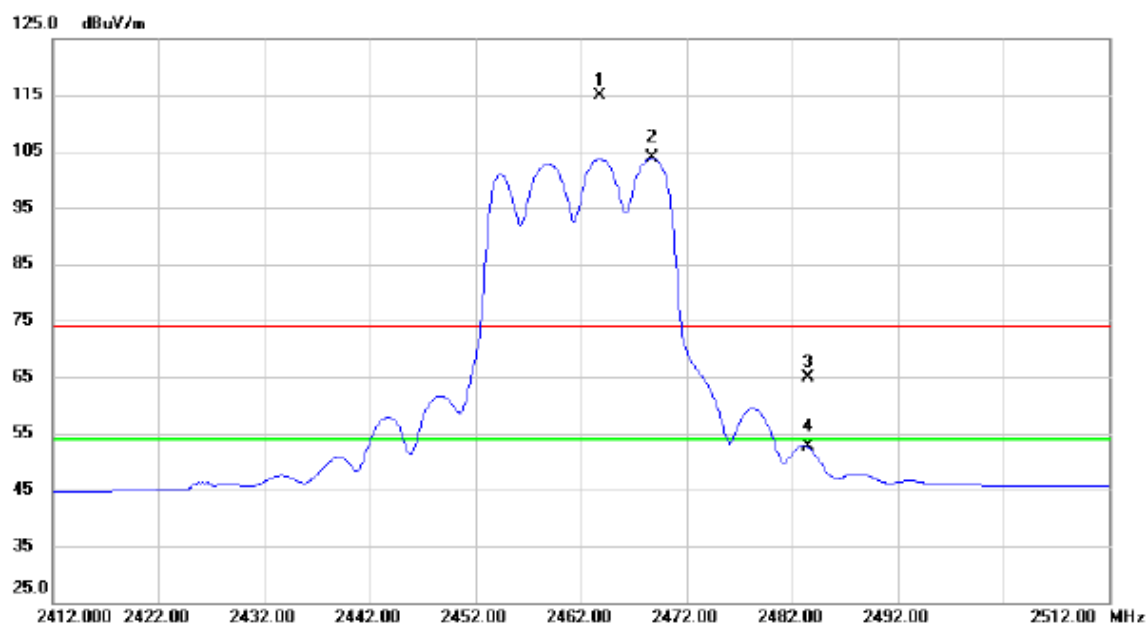
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	60.28	-14.95	45.33	74.00	-28.67	peak	
2	*	3249.000	57.70	-14.95	42.75	54.00	-11.25	AVG	
3		4874.000	55.41	-11.13	44.28	74.00	-29.72	peak	
4		4874.000	44.96	-11.13	33.83	54.00	-20.17	AVG	
5		7311.000	50.65	-4.51	46.14	74.00	-27.86	peak	
6		7311.000	38.02	-4.51	33.51	54.00	-20.49	AVG	
7		9748.000	45.78	0.00	45.78	74.00	-28.22	peak	
8		9748.000	35.88	0.00	35.88	54.00	-18.12	AVG	
9		12185.00	45.13	1.36	46.49	74.00	-27.51	peak	
10		12185.00	32.56	1.36	33.92	54.00	-20.08	AVG	

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

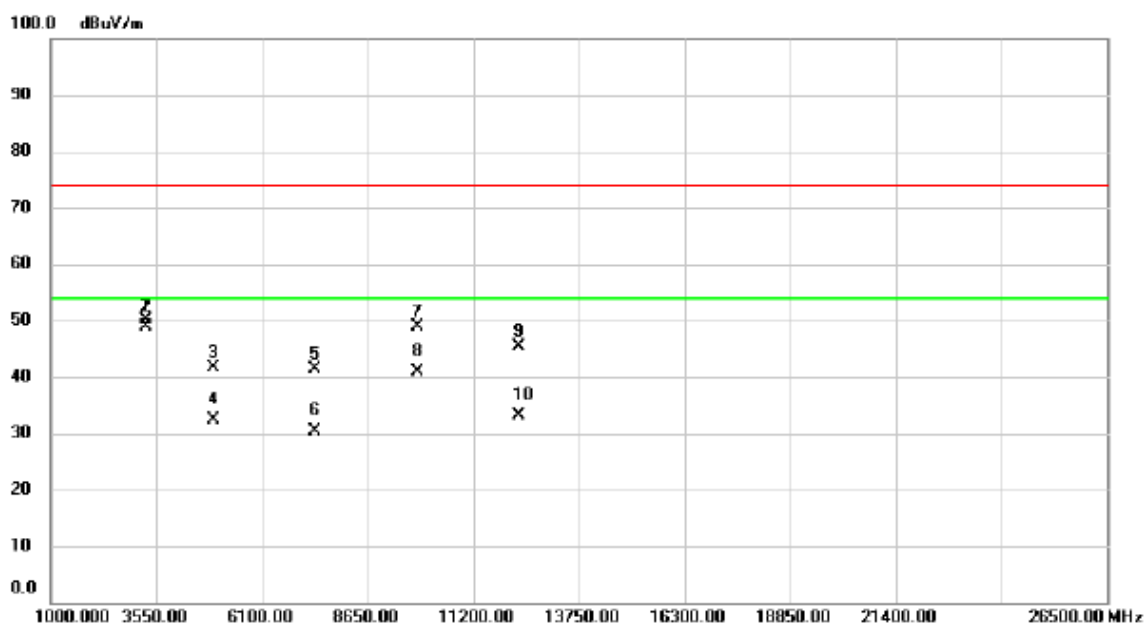
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2463.800	82.13	32.65	114.78	74.00	40.78	peak	No Limit
2	*	2468.700	71.18	32.66	103.84	54.00	49.84	AVG	No Limit
3		2483.500	32.14	32.73	64.87	74.00	-9.13	peak	
4		2483.500	19.82	32.73	52.55	54.00	-1.45	AVG	

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

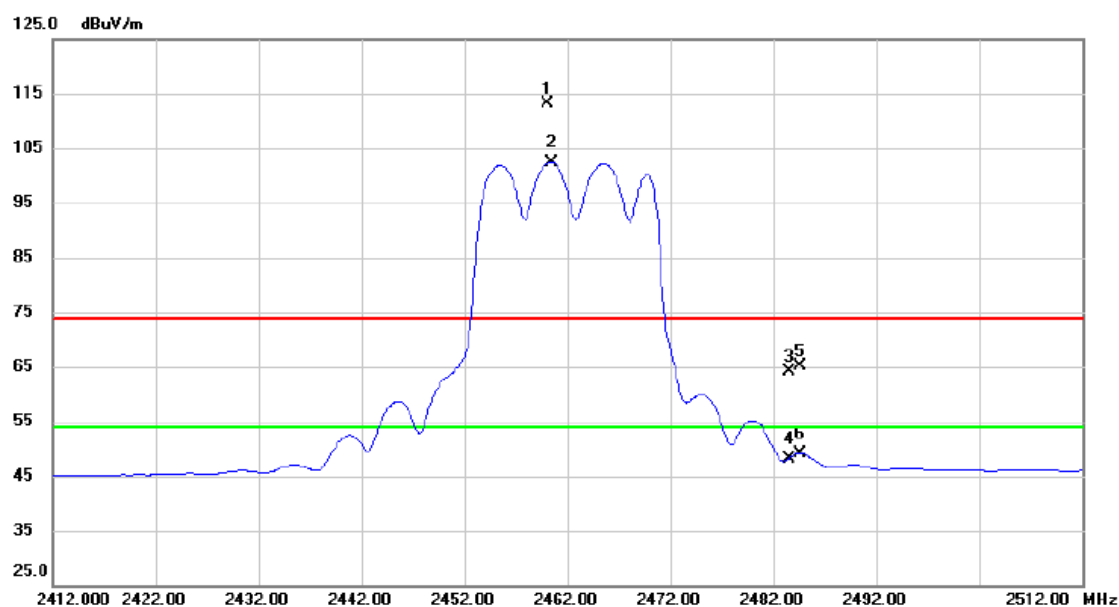
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3282.000	65.11	-14.89	50.22	74.00	-23.78	peak	
2	*	3282.000	63.83	-14.89	48.94	54.00	-5.06	AVG	
3		4924.000	52.57	-11.02	41.55	74.00	-32.45	peak	
4		4924.000	43.32	-11.02	32.30	54.00	-21.70	AVG	
5		7386.000	45.66	-4.33	41.33	74.00	-32.67	peak	
6		7386.000	34.79	-4.33	30.46	54.00	-23.54	AVG	
7		9848.000	48.79	0.17	48.96	74.00	-25.04	peak	
8		9848.000	40.66	0.17	40.83	54.00	-13.17	AVG	
9		12310.00	44.02	1.36	45.38	74.00	-28.62	peak	
10		12310.00	31.80	1.36	33.16	54.00	-20.84	AVG	

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

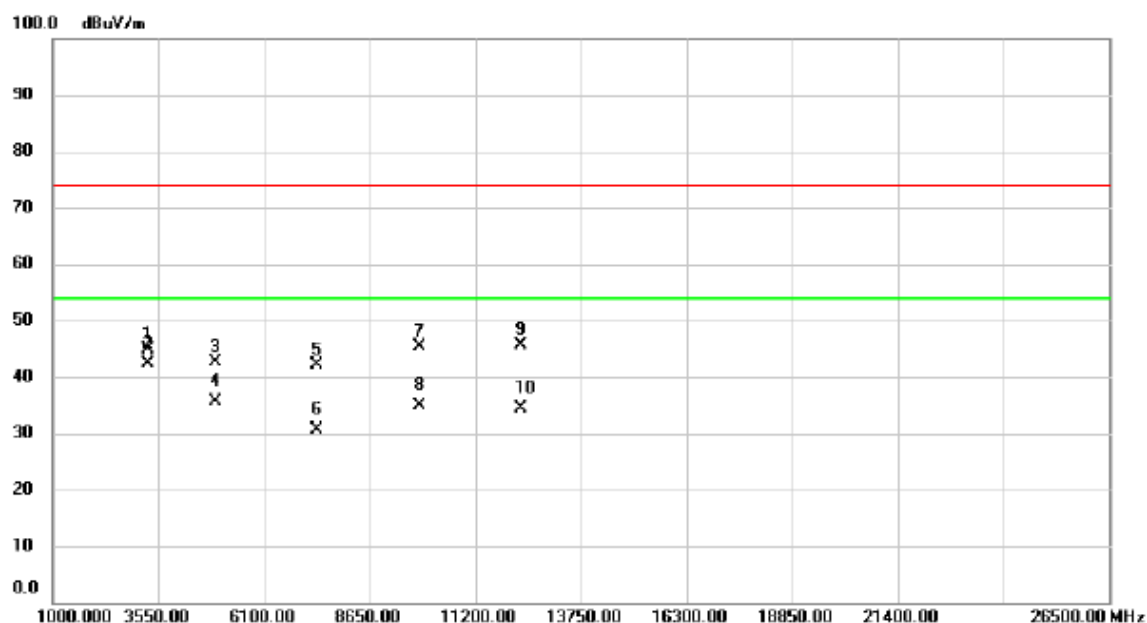
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2460.100	80.38	32.63	113.01	74.00	39.01	peak	No Limit
2	*	2460.400	69.72	32.63	102.35	54.00	48.35	AVG	No Limit
3		2483.500	31.36	32.73	64.09	74.00	-9.91	peak	
4		2483.500	15.52	32.73	48.25	54.00	-5.75	AVG	
5		2484.600	32.28	32.74	65.02	74.00	-8.98	peak	
6		2484.600	16.41	32.74	49.15	54.00	-4.85	AVG	

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

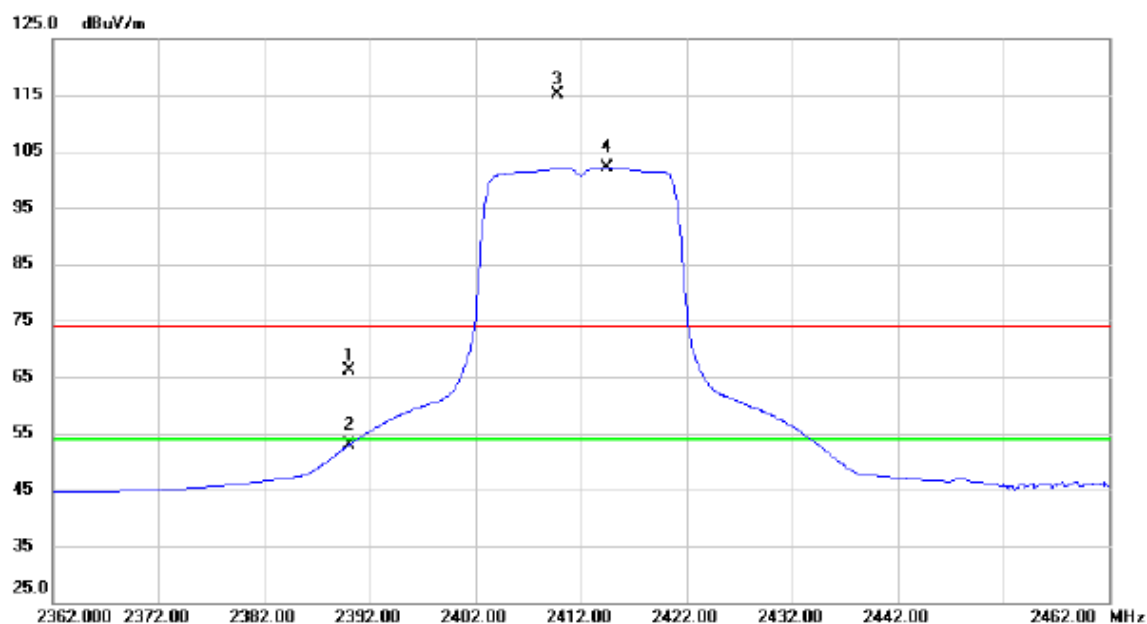
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3282.000	59.68	-14.89	44.79	74.00	-29.21	peak	
2	*	3282.000	57.30	-14.89	42.41	54.00	-11.59	AVG	
3		4924.000	53.53	-11.02	42.51	74.00	-31.49	peak	
4		4924.000	46.60	-11.02	35.58	54.00	-18.42	AVG	
5		7386.000	46.35	-4.33	42.02	74.00	-31.98	peak	
6		7386.000	34.90	-4.33	30.57	54.00	-23.43	AVG	
7		9848.000	45.32	0.17	45.49	74.00	-28.51	peak	
8		9848.000	34.82	0.17	34.99	54.00	-19.01	AVG	
9		12310.00	44.16	1.36	45.52	74.00	-28.48	peak	
10		12310.00	33.13	1.36	34.49	54.00	-19.51	AVG	

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

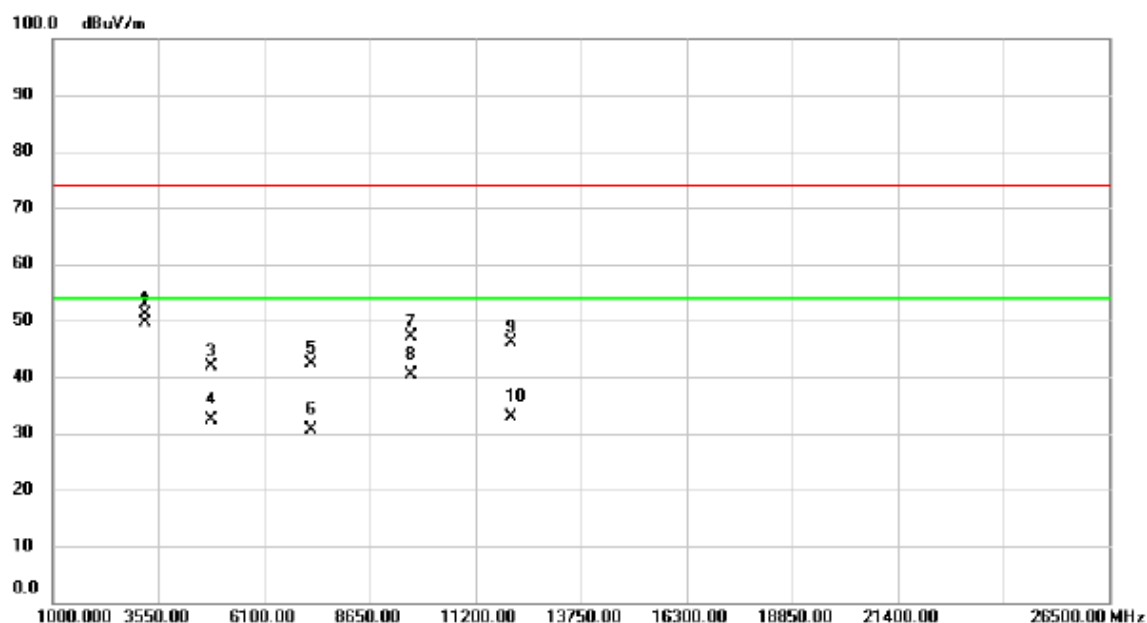
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	33.81	32.30	66.11	74.00	-7.89	peak	
2		2390.000	20.57	32.30	52.87	54.00	-1.13	AVG	
3	X	2409.800	82.68	32.40	115.08	74.00	41.08	peak	No Limit
4	*	2414.500	69.63	32.41	102.04	54.00	48.04	AVG	No Limit

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

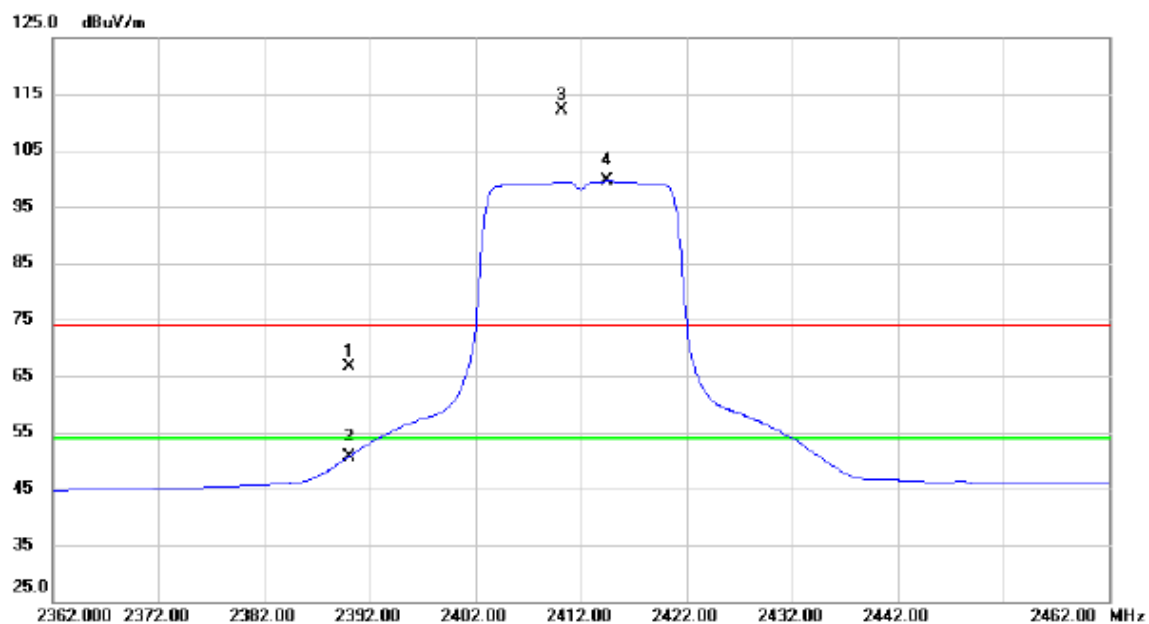
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3216.000	66.17	-15.00	51.17	74.00	-22.83	peak	
2	*	3216.000	64.72	-15.00	49.72	54.00	-4.28	AVG	
3		4824.000	53.14	-11.26	41.88	74.00	-32.12	peak	
4		4824.000	43.54	-11.26	32.28	54.00	-21.72	AVG	
5		7236.000	46.99	-4.67	42.32	74.00	-31.68	peak	
6		7236.000	35.18	-4.67	30.51	54.00	-23.49	AVG	
7		9648.000	47.23	-0.16	47.07	74.00	-26.93	peak	
8		9648.000	40.48	-0.16	40.32	54.00	-13.68	AVG	
9		12060.00	44.85	1.35	46.20	74.00	-27.80	peak	
10		12060.00	31.57	1.35	32.92	54.00	-21.08	AVG	

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

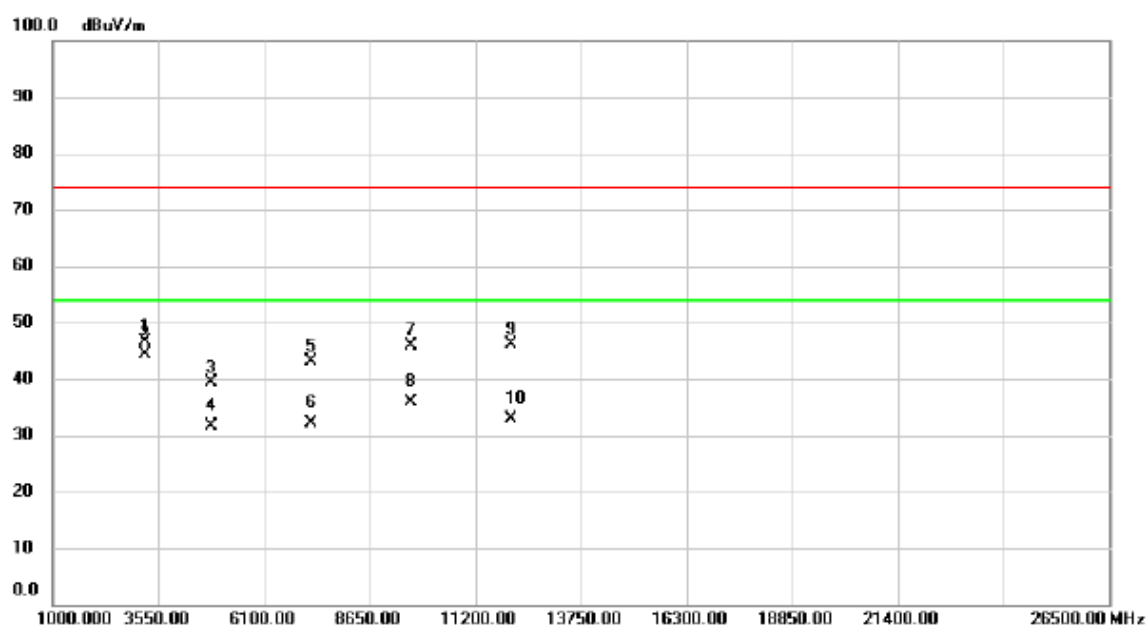
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	34.25	32.30	66.55	74.00	-7.45	peak	
2		2390.000	18.39	32.30	50.69	54.00	-3.31	AVG	
3	X	2410.200	79.74	32.40	112.14	74.00	38.14	peak	No Limit
4	*	2414.500	67.12	32.41	99.53	54.00	45.53	AVG	No Limit

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

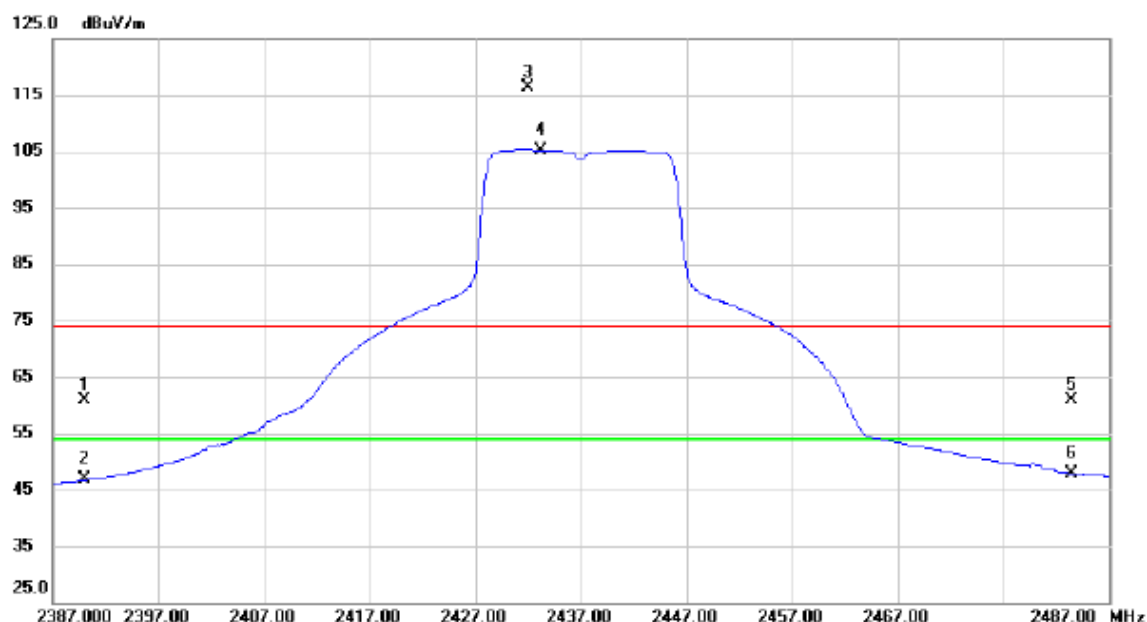
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3216.000	61.53	-15.00	46.53	74.00	-27.47	peak	
2	*	3216.000	59.29	-15.00	44.29	54.00	-9.71	AVG	
3		4824.000	50.63	-11.26	39.37	74.00	-34.63	peak	
4		4824.000	42.99	-11.26	31.73	54.00	-22.27	AVG	
5		7236.000	47.68	-4.67	43.01	74.00	-30.99	peak	
6		7236.000	36.68	-4.67	32.01	54.00	-21.99	AVG	
7		9648.000	46.06	-0.16	45.90	74.00	-28.10	peak	
8		9648.000	35.97	-0.16	35.81	54.00	-18.19	AVG	
9		12060.00	44.73	1.35	46.08	74.00	-27.92	peak	
10		12060.00	31.60	1.35	32.95	54.00	-21.05	AVG	

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

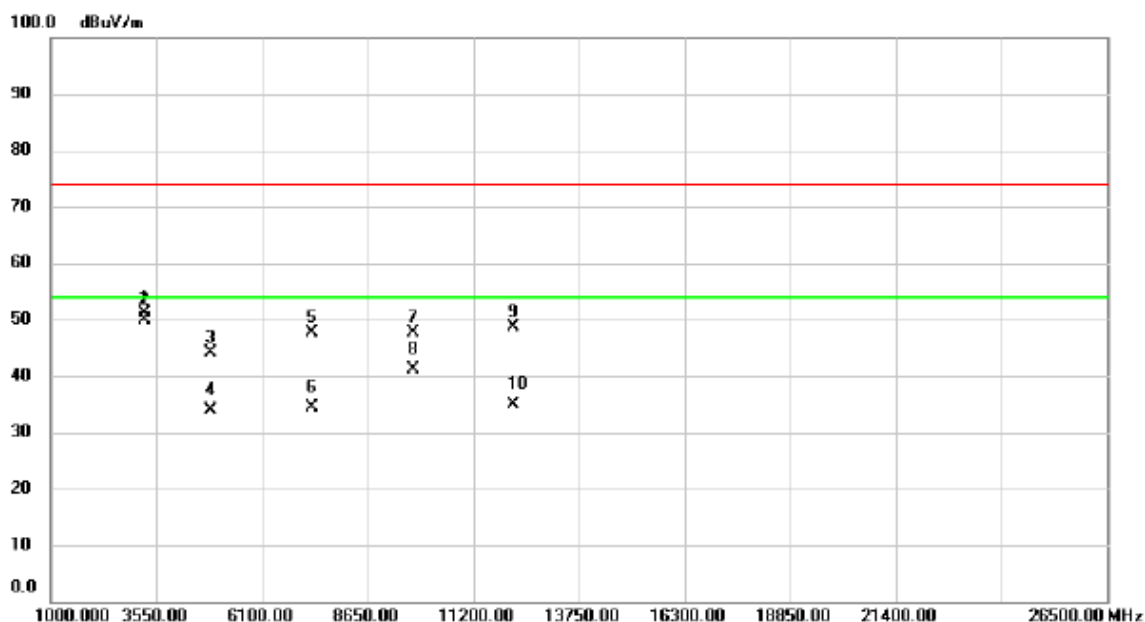
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	28.62	32.30	60.92	74.00	-13.08	peak	
2		2390.000	14.50	32.30	46.80	54.00	-7.20	AVG	
3	X	2432.000	83.81	32.50	116.31	74.00	42.31	peak	No Limit
4	*	2433.200	72.65	32.50	105.15	54.00	51.15	AVG	No Limit
5		2483.500	28.21	32.73	60.94	74.00	-13.06	peak	
6		2483.500	15.20	32.73	47.93	54.00	-6.07	AVG	

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

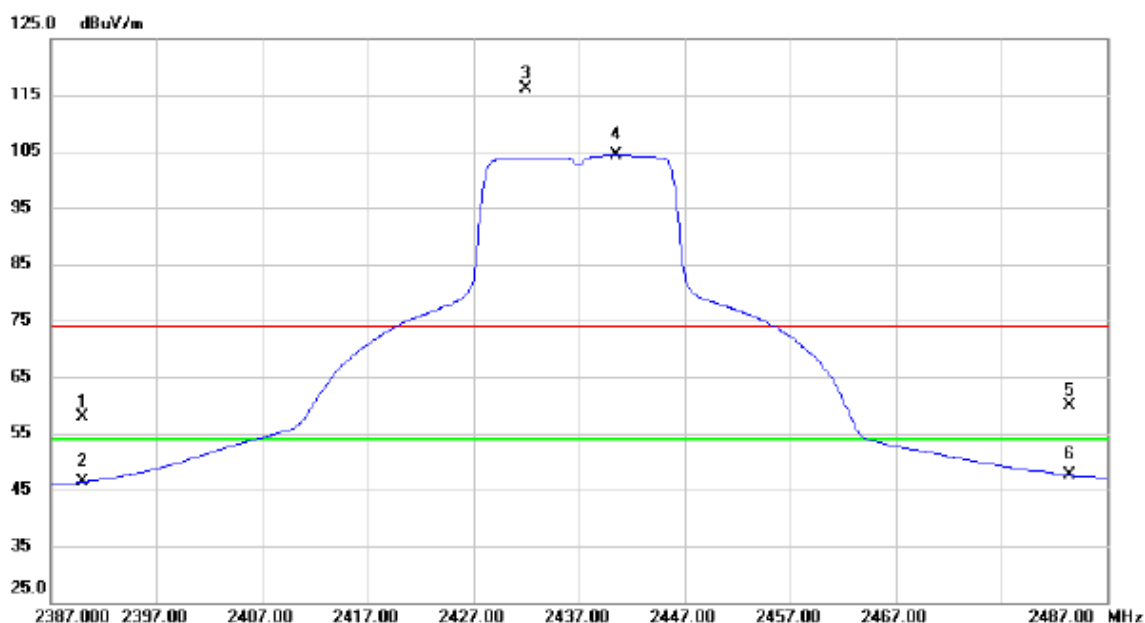
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3249.000	66.01	-14.95	51.06	74.00	-22.94	peak	
2	*	3249.000	64.91	-14.95	49.96	54.00	-4.04	AVG	
3		4874.000	55.31	-11.13	44.18	74.00	-29.82	peak	
4		4874.000	45.02	-11.13	33.89	54.00	-20.11	AVG	
5		7311.000	52.12	-4.51	47.61	74.00	-26.39	peak	
6		7311.000	38.89	-4.51	34.38	54.00	-19.62	AVG	
7		9748.000	47.68	0.00	47.68	74.00	-26.32	peak	
8		9748.000	41.10	0.00	41.10	54.00	-12.90	AVG	
9		12185.00	47.36	1.36	48.72	74.00	-25.28	peak	
10		12185.00	33.45	1.36	34.81	54.00	-19.19	AVG	

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

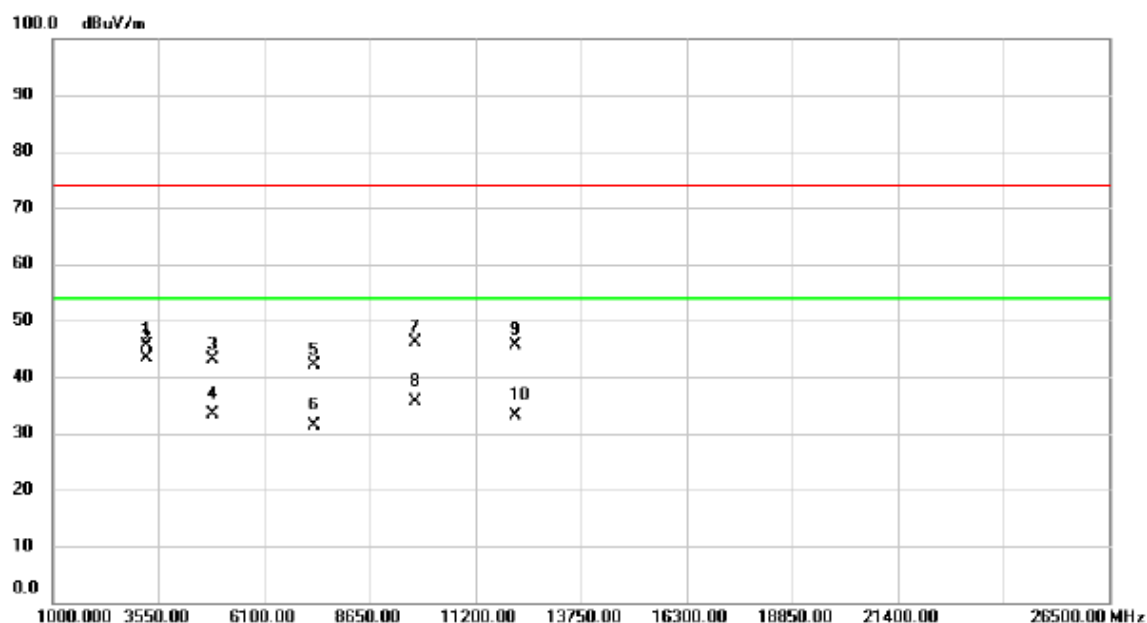
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	25.68	32.30	57.98	74.00	-16.02	peak	
2		2390.000	14.08	32.30	46.38	54.00	-7.62	AVG	
3	X	2432.000	83.62	32.50	116.12	74.00	42.12	peak	No Limit
4	*	2440.500	71.79	32.54	104.33	54.00	50.33	AVG	No Limit
5		2483.500	27.21	32.73	59.94	74.00	-14.06	peak	
6		2483.500	14.82	32.73	47.55	54.00	-6.45	AVG	

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

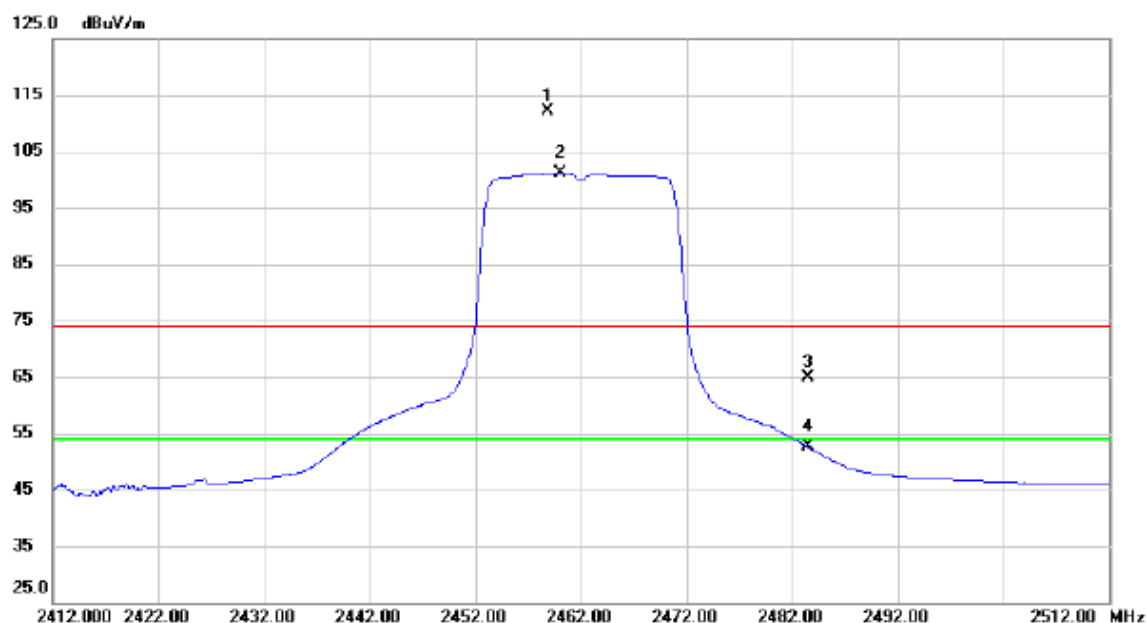
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3249.000	60.54	-14.95	45.59	74.00	-28.41	peak	
2	*	3249.000	58.39	-14.95	43.44	54.00	-10.56	AVG	
3		4874.000	54.17	-11.13	43.04	74.00	-30.96	peak	
4		4874.000	44.48	-11.13	33.35	54.00	-20.65	AVG	
5		7311.000	46.60	-4.51	42.09	74.00	-31.91	peak	
6		7311.000	35.96	-4.51	31.45	54.00	-22.55	AVG	
7		9748.000	46.01	0.00	46.01	74.00	-27.99	peak	
8		9748.000	35.74	0.00	35.74	54.00	-18.26	AVG	
9		12185.00	44.38	1.36	45.74	74.00	-28.26	peak	
10		12185.00	31.85	1.36	33.21	54.00	-20.79	AVG	

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

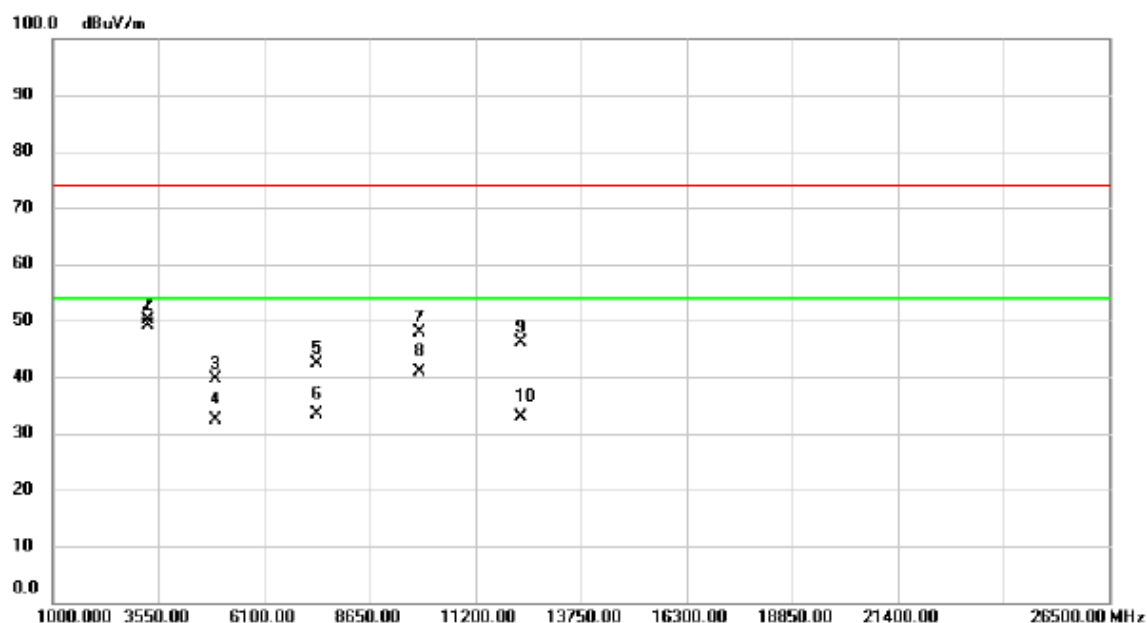
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2458.800	79.44	32.62	112.06	74.00	38.06	peak	No Limit
2	*	2460.100	68.49	32.63	101.12	54.00	47.12	AVG	No Limit
3		2483.500	32.14	32.73	64.87	74.00	-9.13	peak	
4		2483.500	19.85	32.73	52.58	54.00	-1.42	AVG	

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

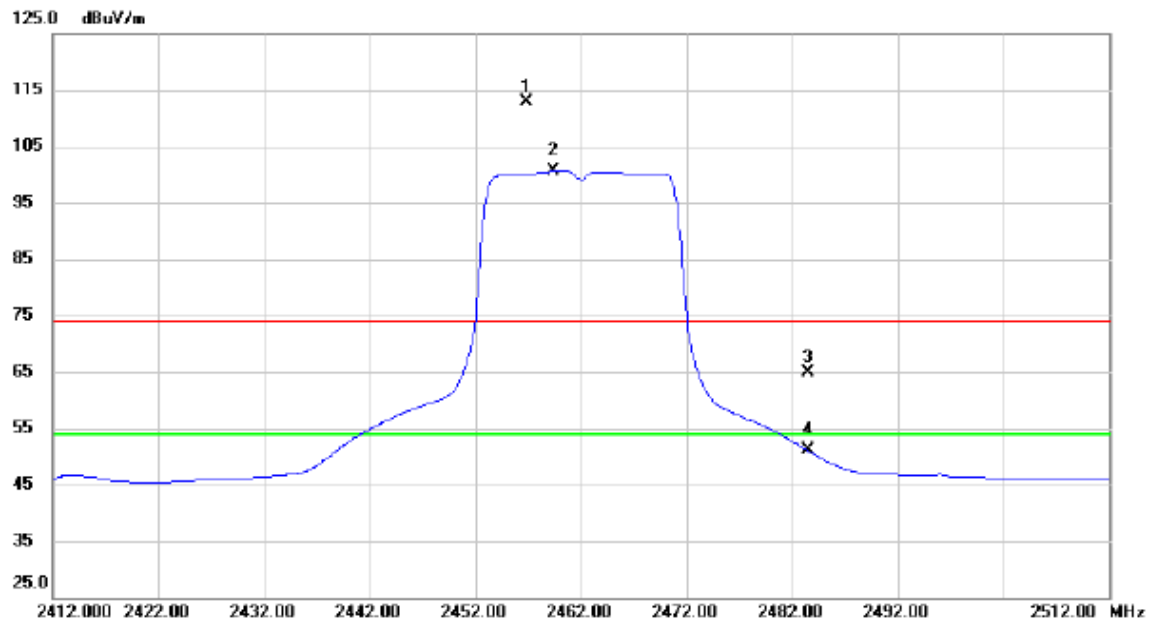
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3282.000	65.11	-14.89	50.22	74.00	-23.78	peak	
2	*	3282.000	64.06	-14.89	49.17	54.00	-4.83	AVG	
3		4924.000	50.71	-11.02	39.69	74.00	-34.31	peak	
4		4924.000	43.49	-11.02	32.47	54.00	-21.53	AVG	
5		7386.000	46.63	-4.33	42.30	74.00	-31.70	peak	
6		7386.000	37.70	-4.33	33.37	54.00	-20.63	AVG	
7		9848.000	47.78	0.17	47.95	74.00	-26.05	peak	
8		9848.000	40.77	0.17	40.94	54.00	-13.06	AVG	
9		12310.00	44.89	1.36	46.25	74.00	-27.75	peak	
10		12310.00	31.55	1.36	32.91	54.00	-21.09	AVG	

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

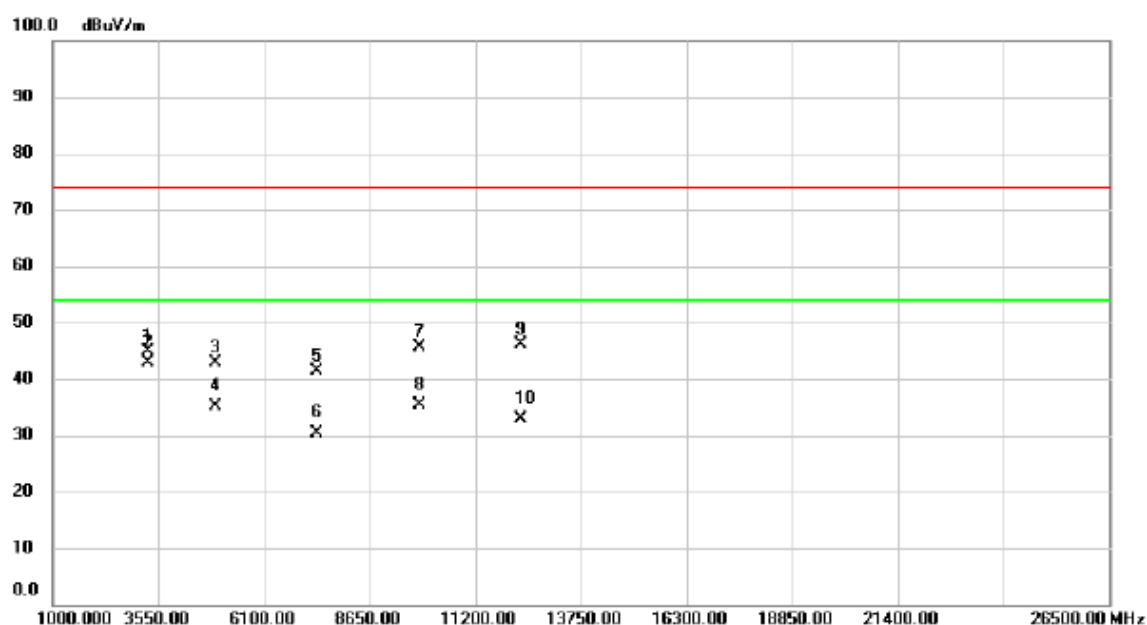
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2456.900	80.16	32.61	112.77	74.00	38.77	peak	No Limit
2	*	2459.400	67.93	32.62	100.55	54.00	46.55	AVG	No Limit
3		2483.500	32.10	32.73	64.83	74.00	-9.17	peak	
4		2483.500	18.32	32.73	51.05	54.00	-2.95	AVG	

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

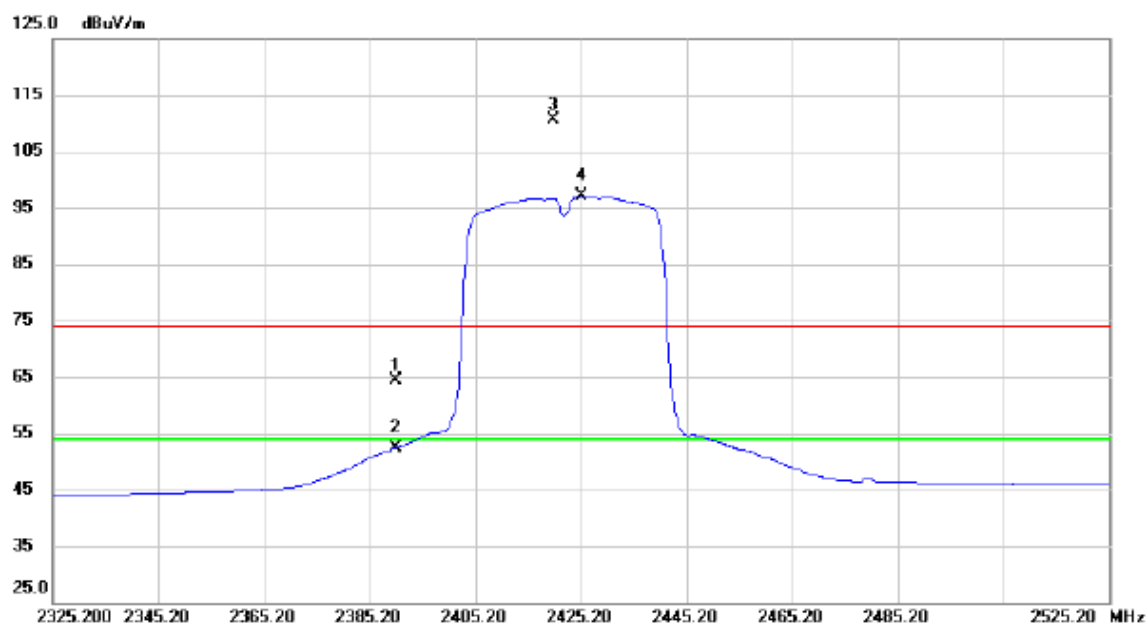
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3282.000	59.84	-14.89	44.95	74.00	-29.05	peak	
2	*	3282.000	57.78	-14.89	42.89	54.00	-11.11	AVG	
3		4924.000	53.83	-11.02	42.81	74.00	-31.19	peak	
4		4924.000	46.06	-11.02	35.04	54.00	-18.96	AVG	
5		7386.000	45.63	-4.33	41.30	74.00	-32.70	peak	
6		7386.000	34.67	-4.33	30.34	54.00	-23.66	AVG	
7		9848.000	45.56	0.17	45.73	74.00	-28.27	peak	
8		9848.000	35.28	0.17	35.45	54.00	-18.55	AVG	
9		12310.00	44.66	1.36	46.02	74.00	-27.98	peak	
10		12310.00	31.60	1.36	32.96	54.00	-21.04	AVG	

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

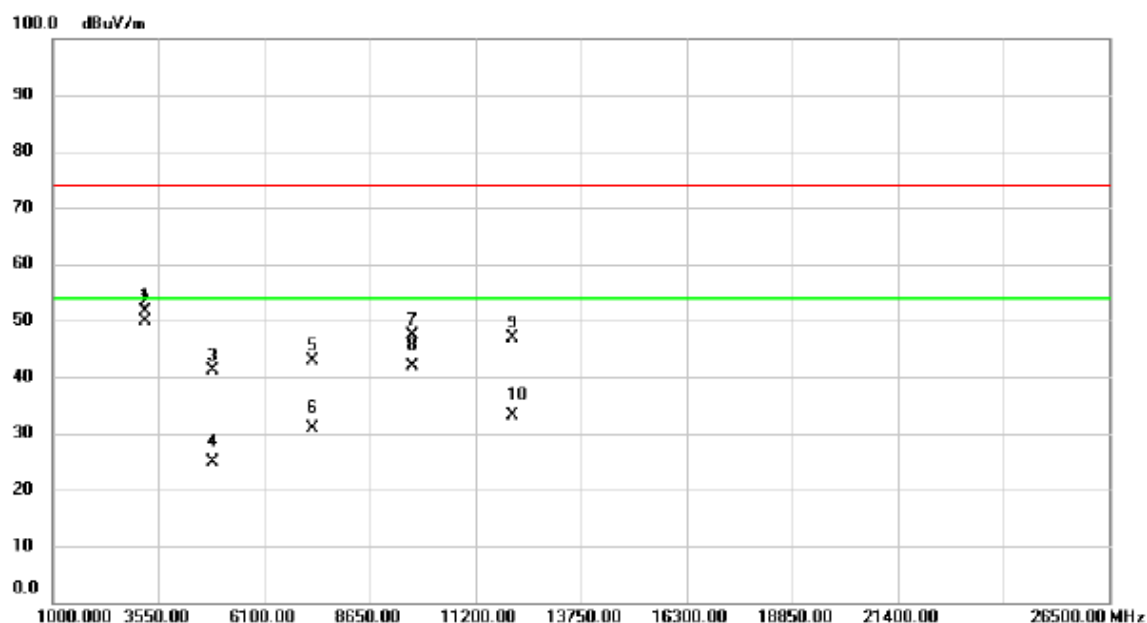
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	32.17	32.30	64.47	74.00	-9.53	peak	
2		2390.000	20.16	32.30	52.46	54.00	-1.54	AVG	
3	X	2420.000	78.23	32.44	110.67	74.00	36.67	peak	No Limit
4	*	2425.200	64.54	32.47	97.01	54.00	43.01	AVG	No Limit

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

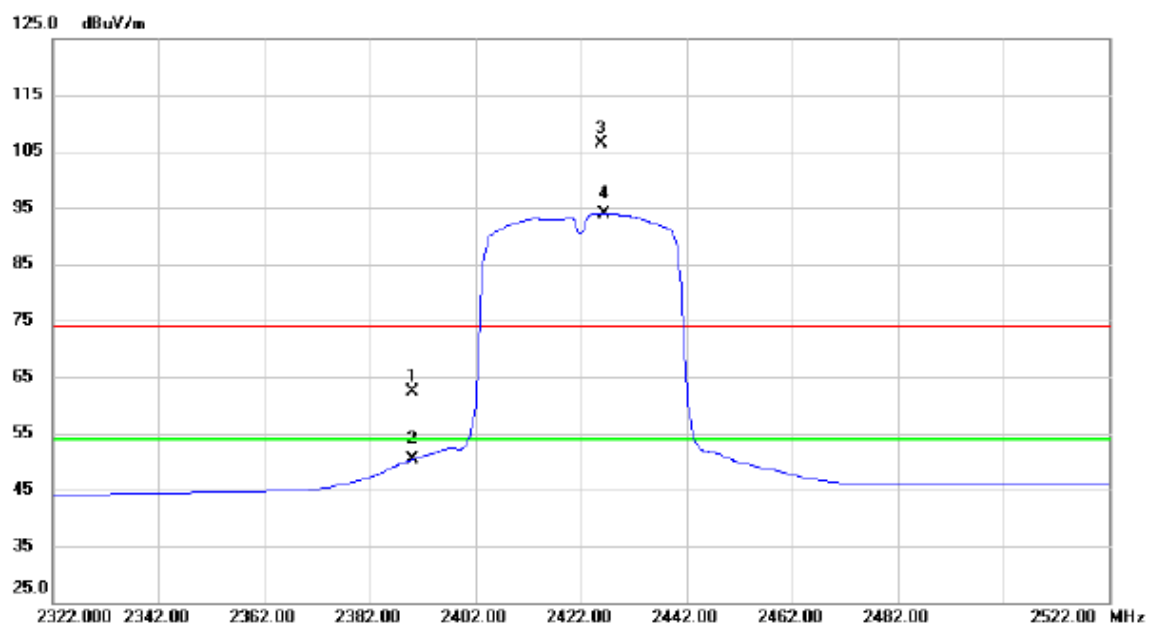
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3230.000	66.70	-14.98	51.72	74.00	-22.28	peak	
2	*	3230.000	64.83	-14.98	49.85	54.00	-4.15	AVG	
3		4844.000	52.30	-11.20	41.10	74.00	-32.90	peak	
4		4844.000	36.11	-11.20	24.91	54.00	-29.09	AVG	
5		7266.000	47.38	-4.61	42.77	74.00	-31.23	peak	
6		7266.000	35.50	-4.61	30.89	54.00	-23.11	AVG	
7		9688.000	47.39	-0.10	47.29	74.00	-26.71	peak	
8		9688.000	41.91	-0.10	41.81	54.00	-12.19	AVG	
9		12110.00	45.40	1.36	46.76	74.00	-27.24	peak	
10		12110.00	31.70	1.36	33.06	54.00	-20.94	AVG	

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

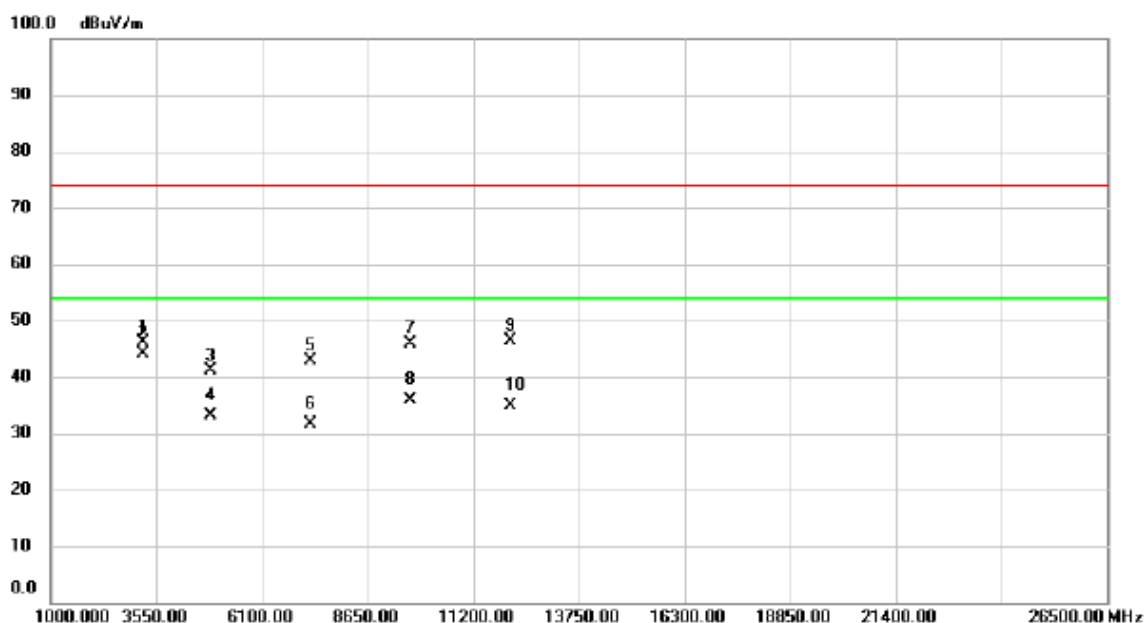
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	30.16	32.30	62.46	74.00	-11.54	peak	
2		2390.000	18.05	32.30	50.35	54.00	-3.65	AVG	
3	X	2425.800	73.89	32.47	106.36	74.00	32.36	peak	No Limit
4	*	2426.400	61.46	32.47	93.93	54.00	39.93	AVG	No Limit

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

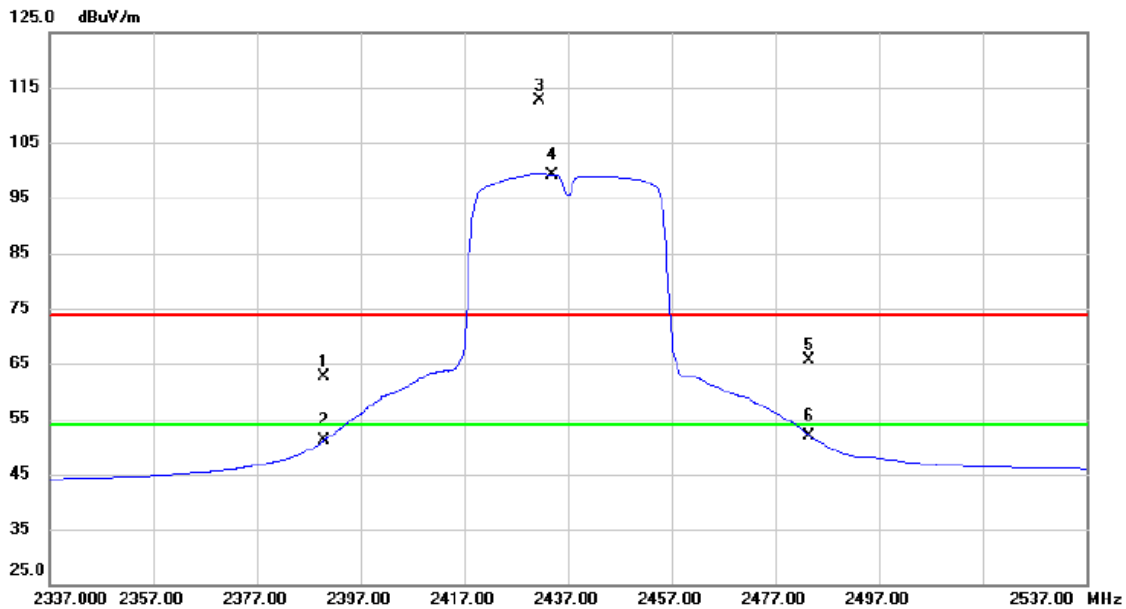
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3230.000	61.01	-14.98	46.03	74.00	-27.97	peak	
2	*	3230.000	59.20	-14.98	44.22	54.00	-9.78	AVG	
3		4844.000	52.41	-11.20	41.21	74.00	-32.79	peak	
4		4844.000	44.33	-11.20	33.13	54.00	-20.87	AVG	
5		7266.000	47.61	-4.61	43.00	74.00	-31.00	peak	
6		7266.000	36.13	-4.61	31.52	54.00	-22.48	AVG	
7		9688.000	45.92	-0.10	45.82	74.00	-28.18	peak	
8		9688.000	35.91	-0.10	35.81	54.00	-18.19	AVG	
9		12110.000	45.02	1.36	46.38	74.00	-27.62	peak	
10		12110.000	33.52	1.36	34.88	54.00	-19.12	AVG	

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

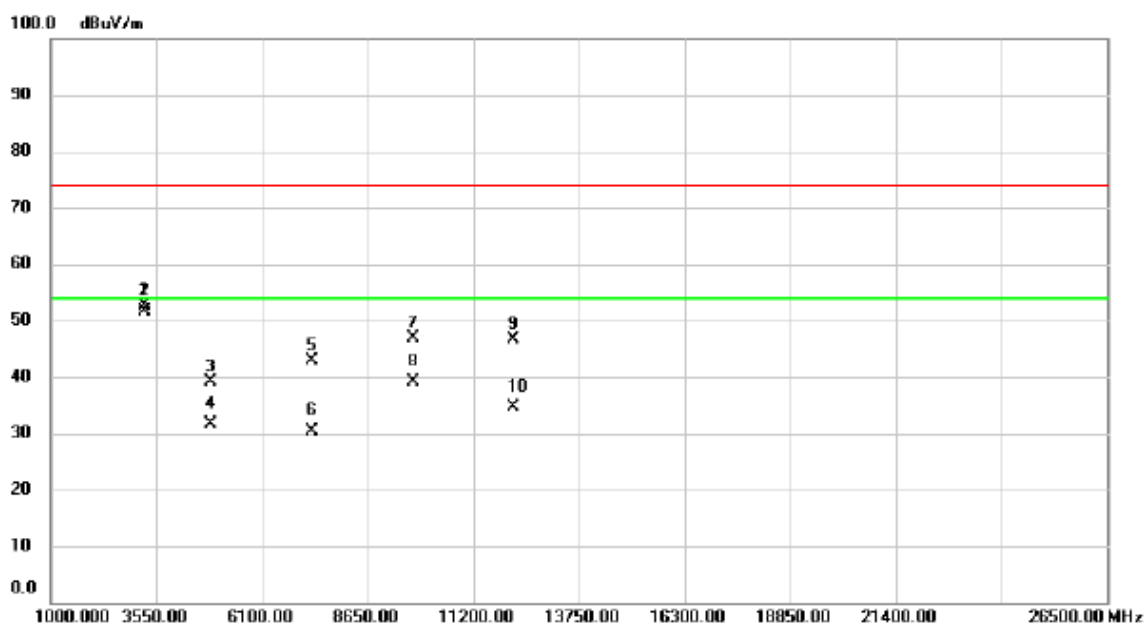
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	30.23	32.30	62.53	74.00	-11.47	peak	
2		2390.000	18.88	32.30	51.18	54.00	-2.82	AVG	
3	X	2431.600	80.14	32.50	112.64	74.00	38.64	peak	No Limit
4	*	2434.000	66.63	32.51	99.14	54.00	45.14	AVG	No Limit
5		2483.500	32.81	32.73	65.54	74.00	-8.46	peak	
6		2483.500	19.23	32.73	51.96	54.00	-2.04	AVG	

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

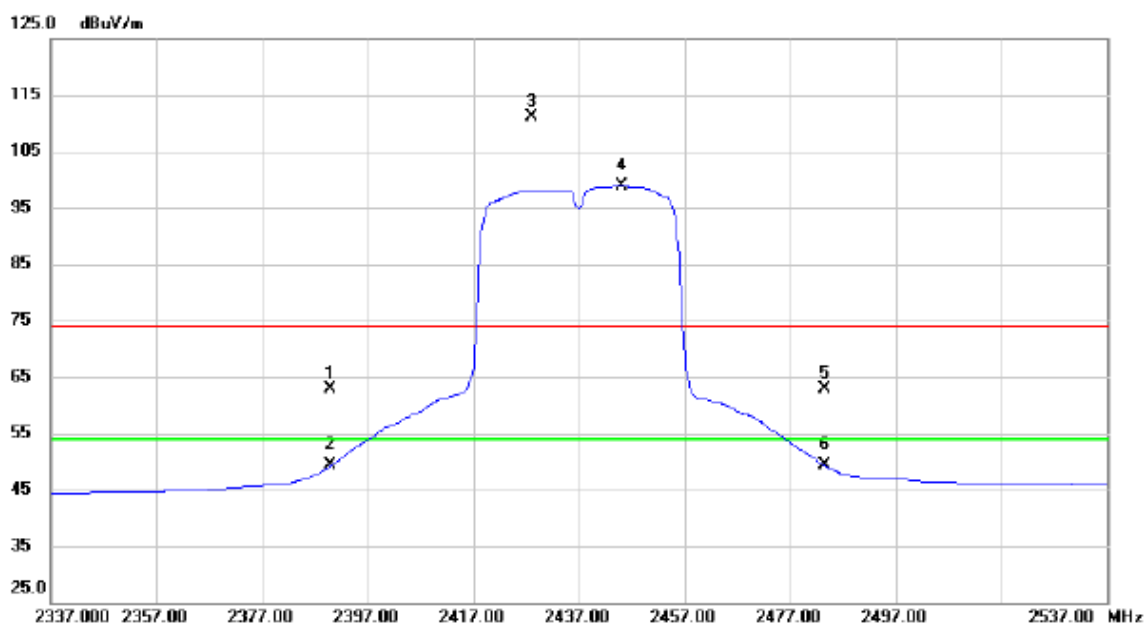
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	67.53	-14.95	52.58	74.00	-21.42	peak	
2	*	3249.000	66.52	-14.95	51.57	54.00	-2.43	AVG	
3		4874.000	50.15	-11.13	39.02	74.00	-34.98	peak	
4		4874.000	42.75	-11.13	31.62	54.00	-22.38	AVG	
5		7311.000	47.27	-4.51	42.76	74.00	-31.24	peak	
6		7311.000	34.99	-4.51	30.48	54.00	-23.52	AVG	
7		9748.000	46.95	0.00	46.95	74.00	-27.05	peak	
8		9748.000	39.12	0.00	39.12	54.00	-14.88	AVG	
9		12185.00	45.29	1.36	46.65	74.00	-27.35	peak	
10		12185.00	33.36	1.36	34.72	54.00	-19.28	AVG	

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

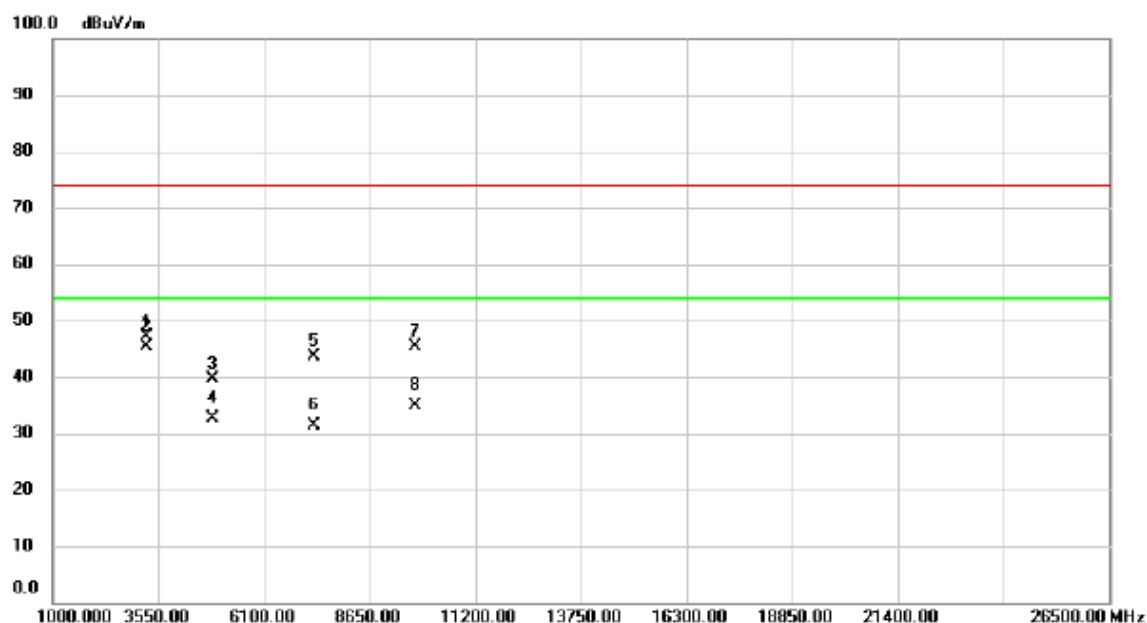
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	30.56	32.30	62.86	74.00	-11.14	peak	
2		2390.000	16.99	32.30	49.29	54.00	-4.71	AVG	
3	X	2428.200	78.65	32.48	111.13	74.00	37.13	peak	No Limit
4	*	2445.000	66.38	32.55	98.93	54.00	44.93	AVG	No Limit
5		2483.500	30.21	32.73	62.94	74.00	-11.06	peak	
6		2483.500	16.54	32.73	49.27	54.00	-4.73	AVG	

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

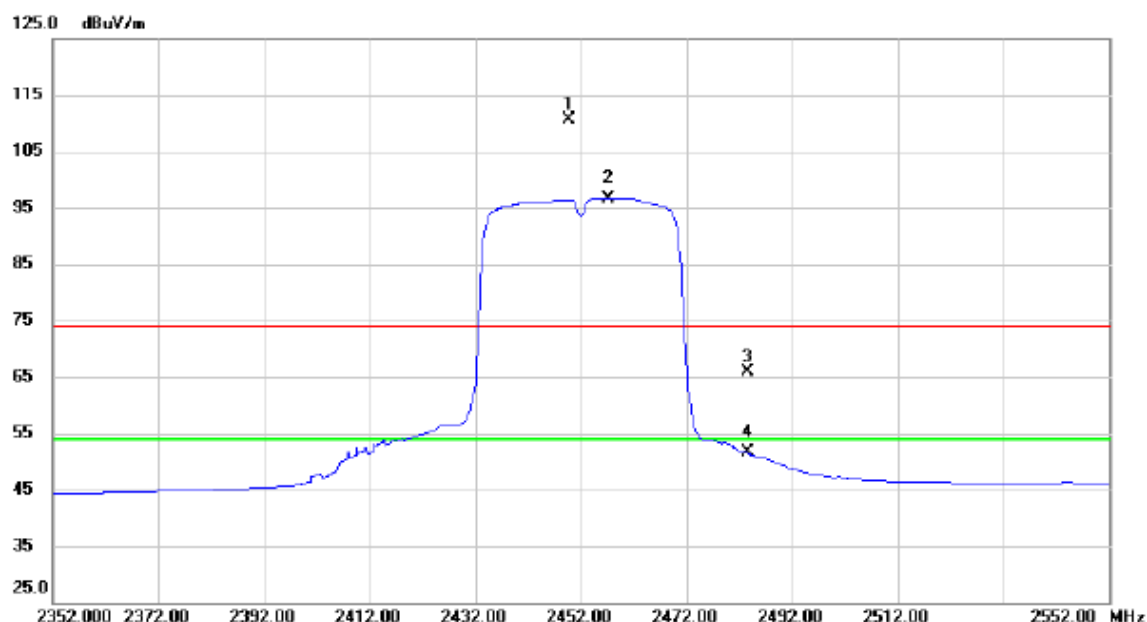
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	62.14	-14.95	47.19	74.00	-26.81	peak	
2	*	3249.000	60.41	-14.95	45.46	54.00	-8.54	AVG	
3		4874.000	50.72	-11.13	39.59	74.00	-34.41	peak	
4		4874.000	43.80	-11.13	32.67	54.00	-21.33	AVG	
5		7311.000	48.03	-4.51	43.52	74.00	-30.48	peak	
6		7311.000	35.89	-4.51	31.38	54.00	-22.62	AVG	
7		9748.000	45.39	0.00	45.39	74.00	-28.61	peak	
8		9748.000	34.77	0.00	34.77	54.00	-19.23	AVG	

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

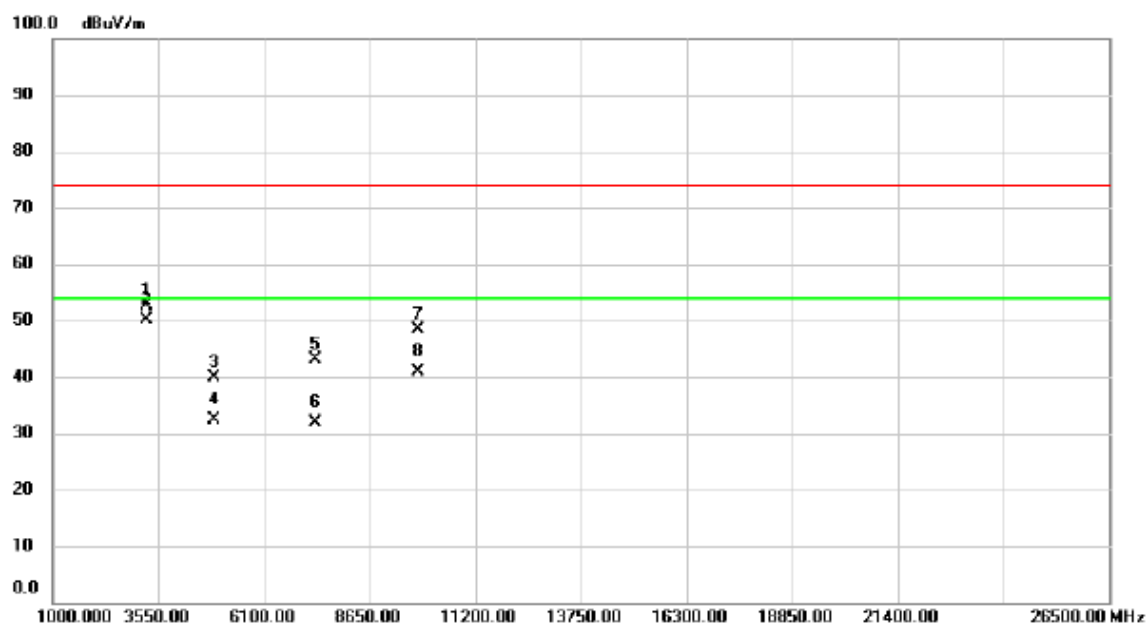
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2449.800	78.12	32.58	110.70	74.00	36.70	peak	No Limit
2	*	2457.200	64.08	32.62	96.70	54.00	42.70	AVG	No Limit
3		2483.500	33.17	32.73	65.90	74.00	-8.10	peak	
4		2483.500	19.00	32.73	51.73	54.00	-2.27	AVG	

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

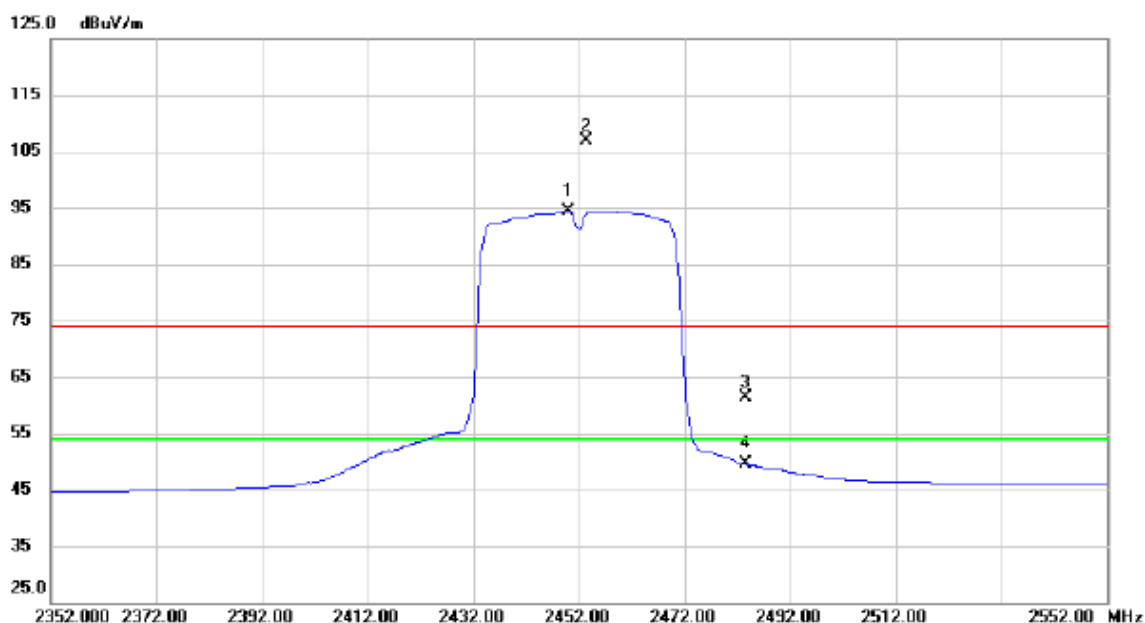
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3269.000	67.65	-14.91	52.74	74.00	-21.26	peak	
2	*	3269.000	65.11	-14.91	50.20	54.00	-3.80	AVG	
3		4904.000	50.96	-11.08	39.88	74.00	-34.12	peak	
4		4904.000	43.38	-11.08	32.30	54.00	-21.70	AVG	
5		7356.000	47.57	-4.40	43.17	74.00	-30.83	peak	
6		7356.000	36.32	-4.40	31.92	54.00	-22.08	AVG	
7		9808.000	48.30	0.11	48.41	74.00	-25.59	peak	
8		9808.000	40.65	0.11	40.76	54.00	-13.24	AVG	

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

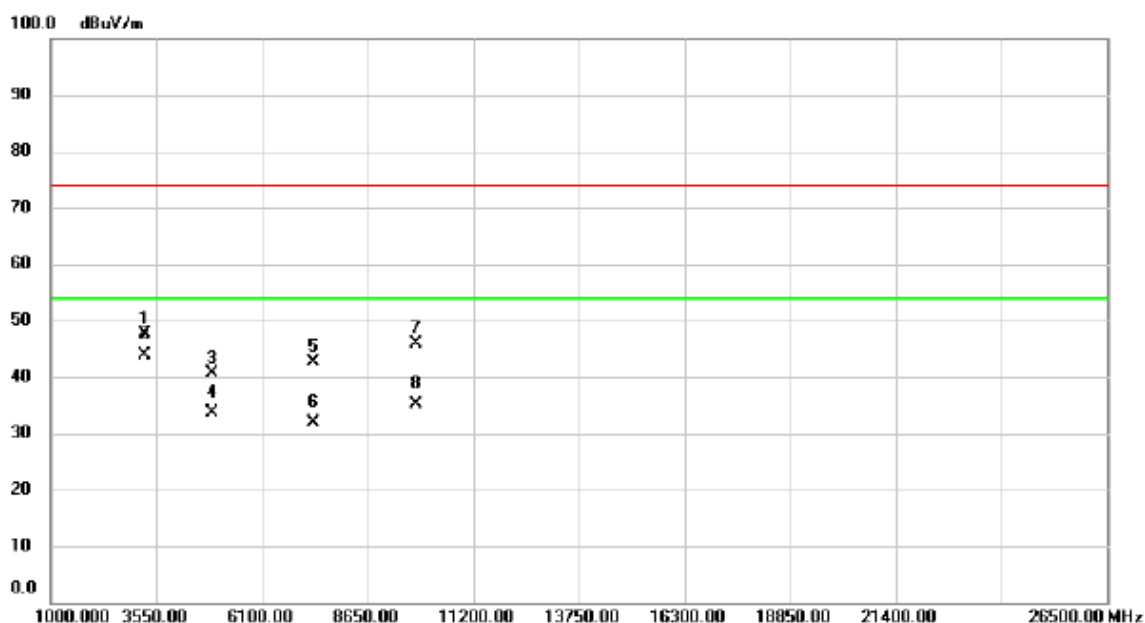
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2450.000	61.90	32.58	94.48	54.00	40.48	AVG	No Limit
2	X	2453.600	74.32	32.59	106.91	74.00	32.91	peak	No Limit
3		2483.500	28.56	32.73	61.29	74.00	-12.71	peak	
4		2483.500	16.79	32.73	49.52	54.00	-4.48	AVG	

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

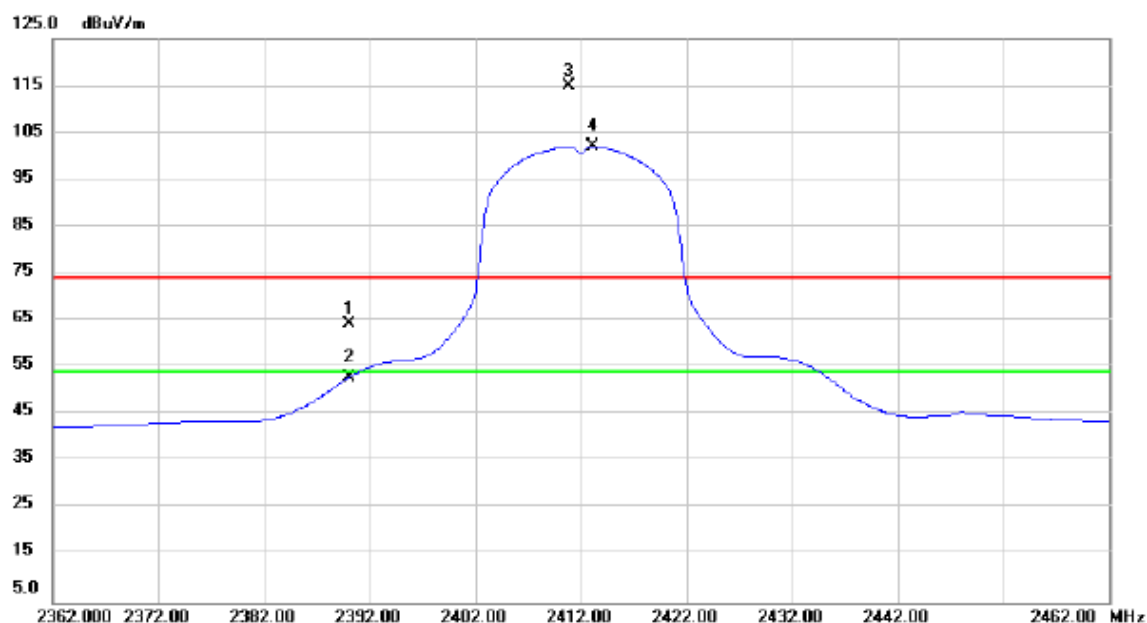
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3269.000	62.47	-14.91	47.56	74.00	-26.44	peak	
2	*	3269.000	58.68	-14.91	43.77	54.00	-10.23	AVG	
3		4904.000	51.72	-11.08	40.64	74.00	-33.36	peak	
4		4904.000	44.62	-11.08	33.54	54.00	-20.46	AVG	
5		7356.000	46.93	-4.40	42.53	74.00	-31.47	peak	
6		7356.000	36.32	-4.40	31.92	54.00	-22.08	AVG	
7		9808.000	45.65	0.11	45.76	74.00	-28.24	peak	
8		9808.000	34.91	0.11	35.02	54.00	-18.98	AVG	

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

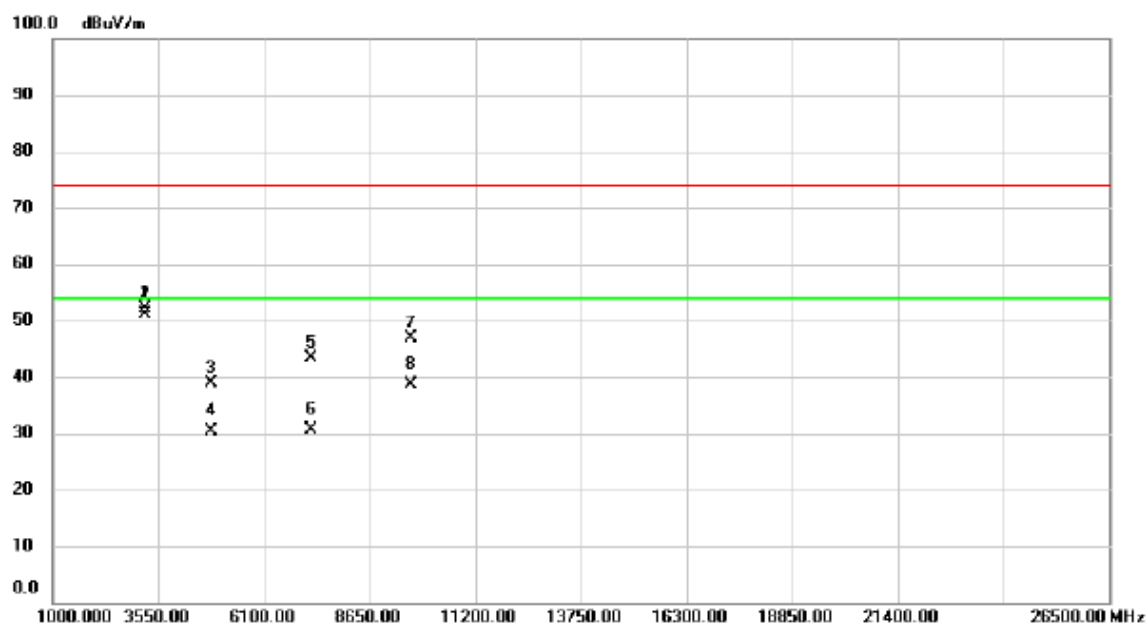
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	31.86	32.30	64.16	74.00	-9.84	peak	
2		2390.000	20.54	32.30	52.84	54.00	-1.16	AVG	
3	X	2410.900	82.69	32.40	115.09	74.00	41.09	peak	No Limit
4	*	2413.100	69.73	32.41	102.14	54.00	48.14	AVG	No Limit

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

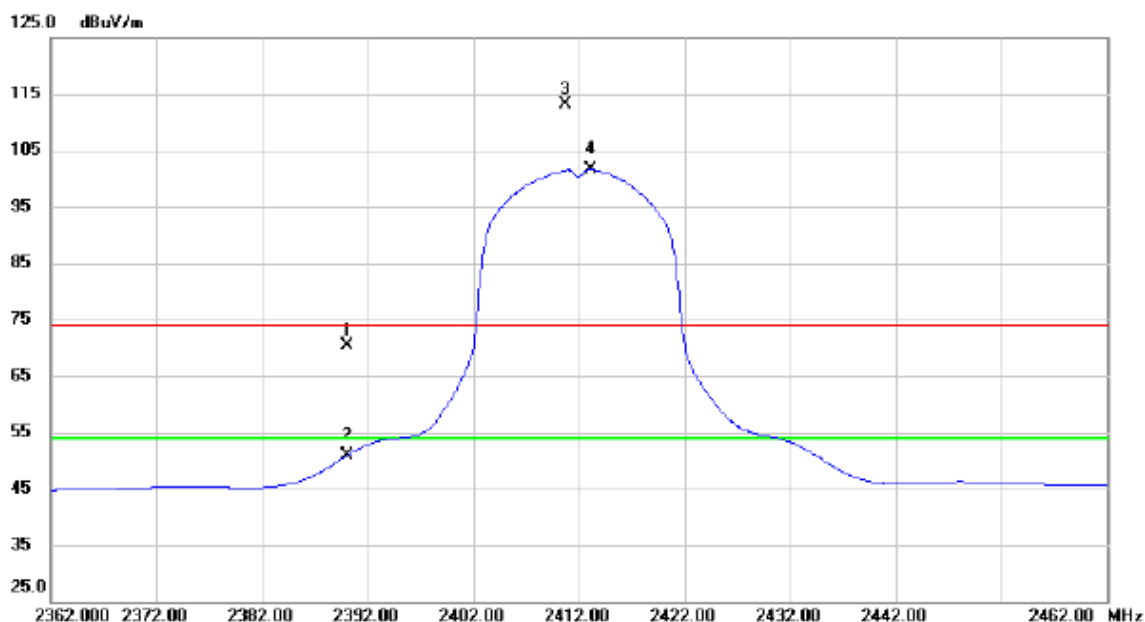
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3216.000	67.13	-15.00	52.13	74.00	-21.87	peak	
2	*	3216.000	66.13	-15.00	51.13	54.00	-2.87	AVG	
3		4828.000	50.07	-11.25	38.82	74.00	-35.18	peak	
4		4828.000	41.72	-11.25	30.47	54.00	-23.53	AVG	
5		7236.000	48.10	-4.67	43.43	74.00	-30.57	peak	
6		7236.000	35.22	-4.67	30.55	54.00	-23.45	AVG	
7		9648.000	46.93	-0.16	46.77	74.00	-27.23	peak	
8		9648.000	38.71	-0.16	38.55	54.00	-15.45	AVG	

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

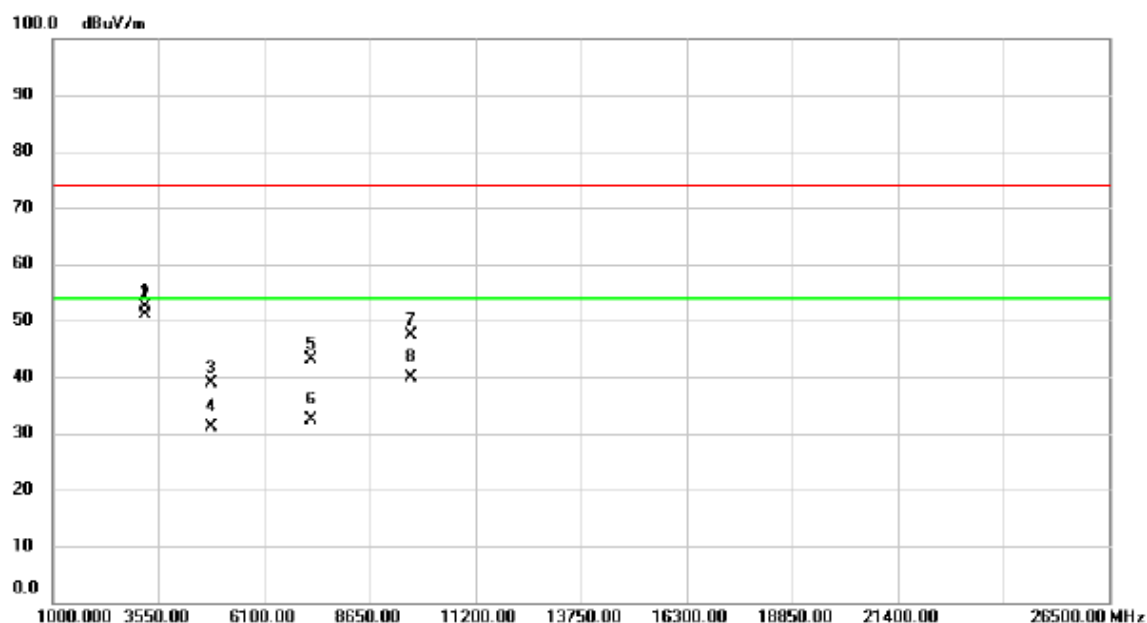
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		2390.000	38.14	32.30	70.44	74.00	-3.56	peak	
2		2390.000	18.54	32.30	50.84	54.00	-3.16	AVG	
3	X	2410.700	80.81	32.40	113.21	74.00	39.21	peak	No Limit
4	*	2413.100	69.25	32.41	101.66	54.00	47.66	AVG	No Limit

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

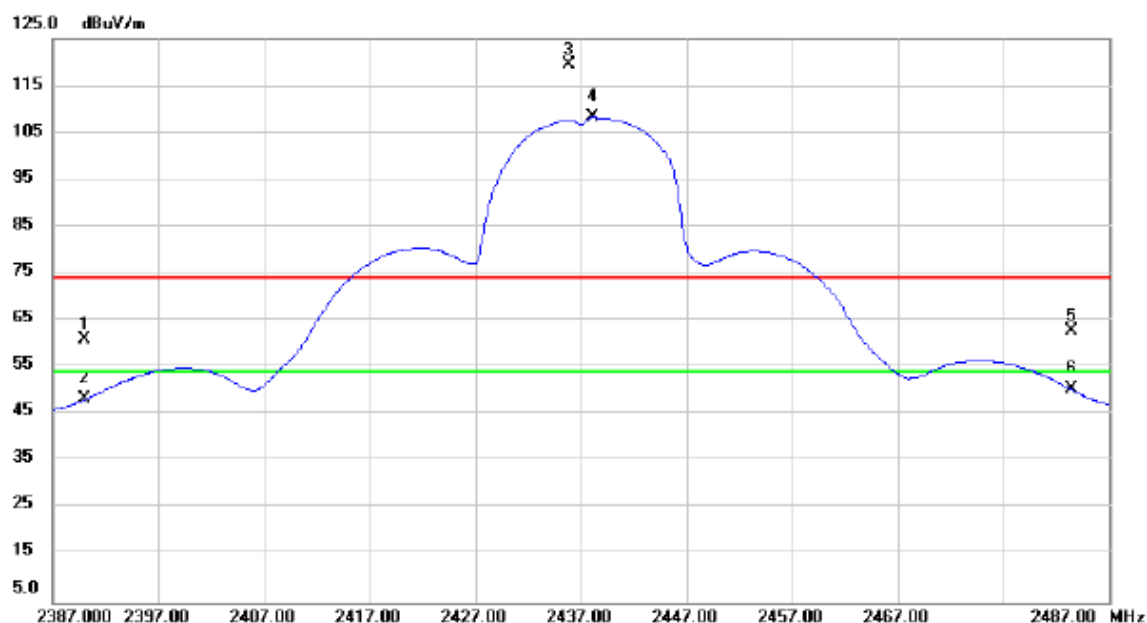
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3216.000	67.50	-15.00	52.50	74.00	-21.50	peak	
2	*	3216.000	66.20	-15.00	51.20	54.00	-2.80	AVG	
3		4824.000	50.25	-11.26	38.99	74.00	-35.01	peak	
4		4824.000	42.41	-11.26	31.15	54.00	-22.85	AVG	
5		7236.000	47.68	-4.67	43.01	74.00	-30.99	peak	
6		7236.000	37.08	-4.67	32.41	54.00	-21.59	AVG	
7		9648.000	47.50	-0.16	47.34	74.00	-26.66	peak	
8		9648.000	40.00	-0.16	39.84	54.00	-14.16	AVG	

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

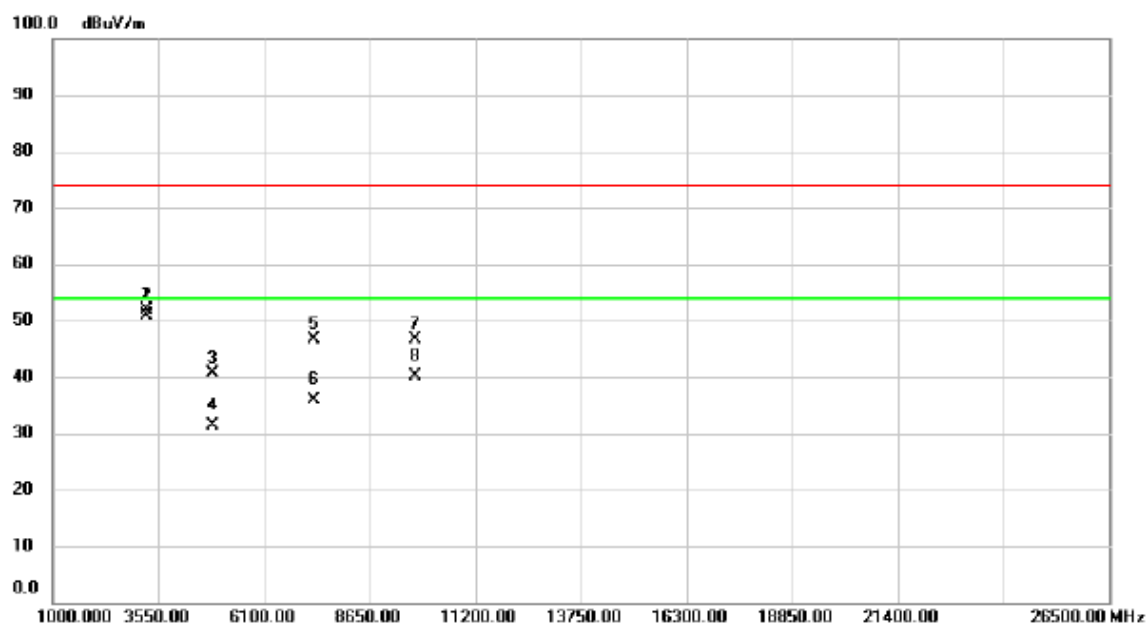
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	28.62	32.30	60.92	74.00	-13.08	peak	
2		2390.000	15.90	32.30	48.20	54.00	-5.80	AVG	
3	X	2435.900	86.93	32.51	119.44	74.00	45.44	peak	No Limit
4	*	2438.200	75.71	32.52	108.23	54.00	54.23	AVG	No Limit
5		2483.500	30.13	32.73	62.86	74.00	-11.14	peak	
6		2483.500	17.60	32.73	50.33	54.00	-3.67	AVG	

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

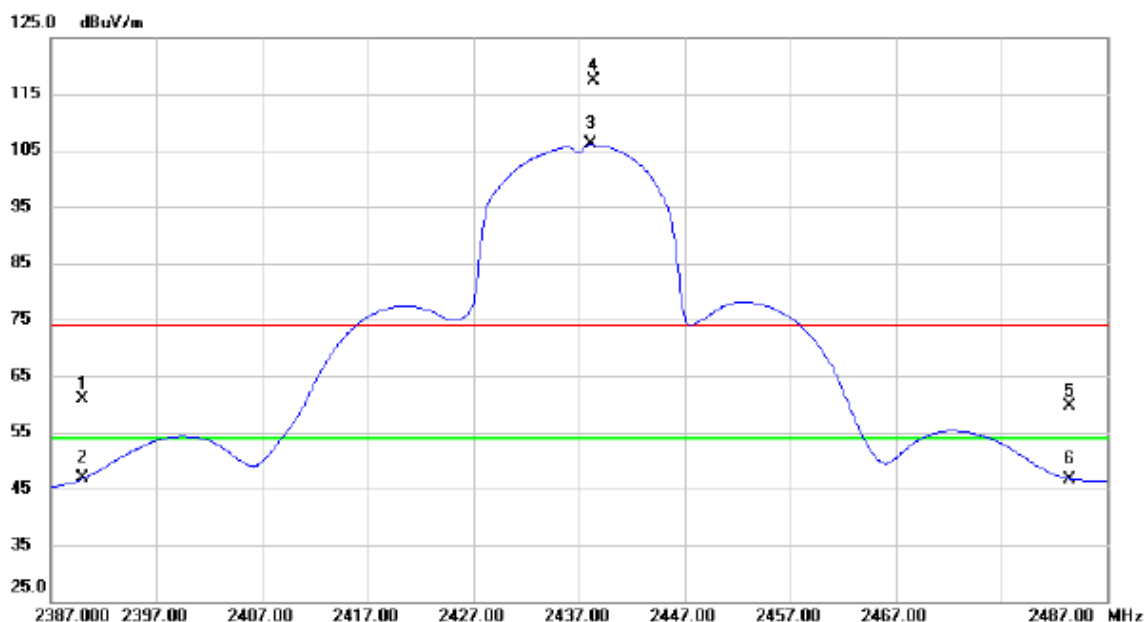
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	66.77	-14.95	51.82	74.00	-22.18	peak	
2	*	3249.000	65.77	-14.95	50.82	54.00	-3.18	AVG	
3		4874.000	51.67	-11.13	40.54	74.00	-33.46	peak	
4		4874.000	42.54	-11.13	31.41	54.00	-22.59	AVG	
5		7311.000	51.06	-4.51	46.55	74.00	-27.45	peak	
6		7311.000	40.47	-4.51	35.96	54.00	-18.04	AVG	
7		9748.000	46.60	0.00	46.60	74.00	-27.40	peak	
8		9748.000	40.10	0.00	40.10	54.00	-13.90	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	28.60	32.30	60.90	74.00	-13.10	peak	
2		2390.000	14.46	32.30	46.76	54.00	-7.24	AVG	
3	*	2438.200	73.51	32.52	106.03	54.00	52.03	AVG	No Limit
4	X	2438.400	84.75	32.52	117.27	74.00	43.27	peak	No Limit
5		2483.500	26.80	32.73	59.53	74.00	-14.47	peak	
6		2483.500	14.00	32.73	46.73	54.00	-7.27	AVG	

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

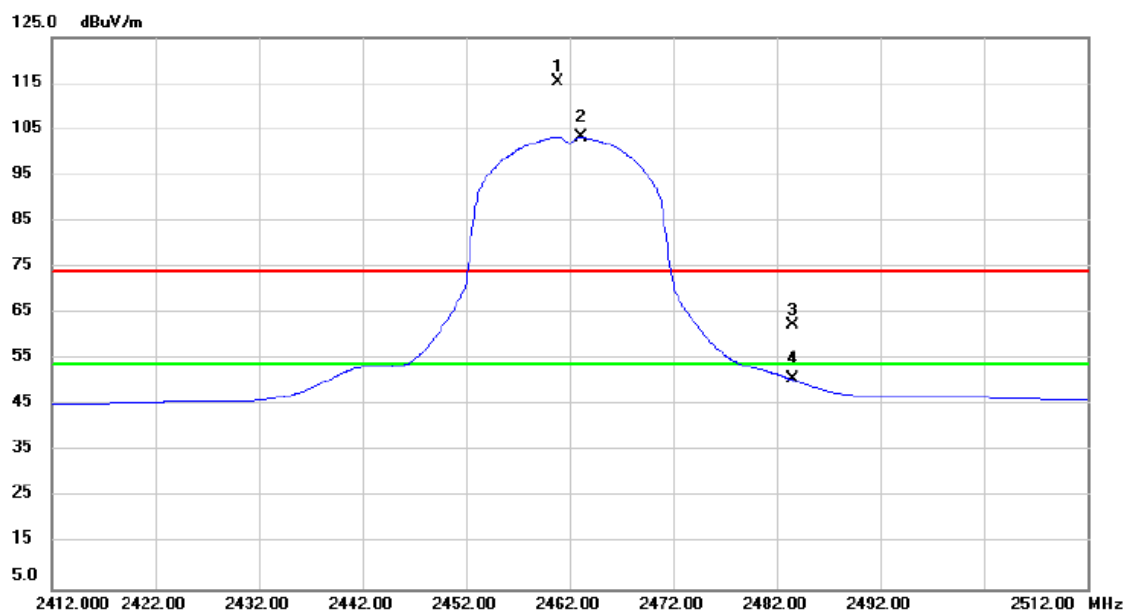
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		3249.000	61.35	-14.95	46.40	74.00	-27.60	peak	
2	*	3249.000	59.43	-14.95	44.48	54.00	-9.52	AVG	
3		4874.000	52.13	-11.13	41.00	74.00	-33.00	peak	
4		4874.000	44.50	-11.13	33.37	54.00	-20.63	AVG	
5		7311.000	50.20	-4.51	45.69	74.00	-28.31	peak	
6		7311.000	38.85	-4.51	34.34	54.00	-19.66	AVG	
7		9748.000	44.72	0.00	44.72	74.00	-29.28	peak	
8		9748.000	34.08	0.00	34.08	54.00	-19.92	AVG	

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

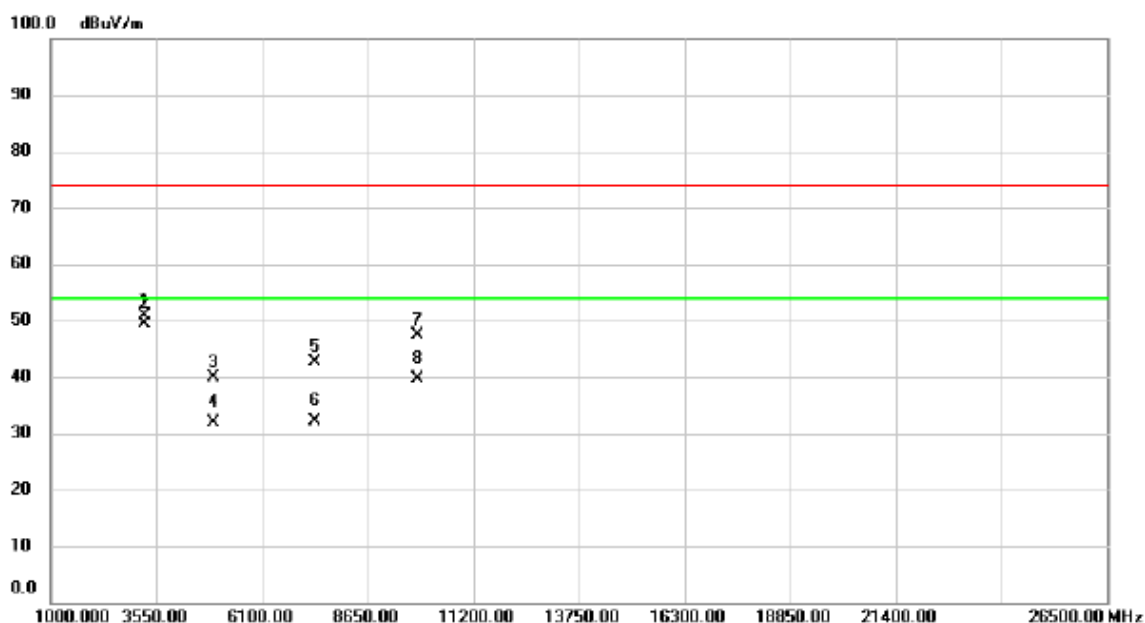
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2460.900	82.70	32.63	115.33	74.00	41.33	peak	No Limit
2	*	2463.100	70.65	32.64	103.29	54.00	49.29	AVG	No Limit
3		2483.500	29.76	32.73	62.49	74.00	-11.51	peak	
4		2483.500	17.91	32.73	50.64	54.00	-3.36	AVG	

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

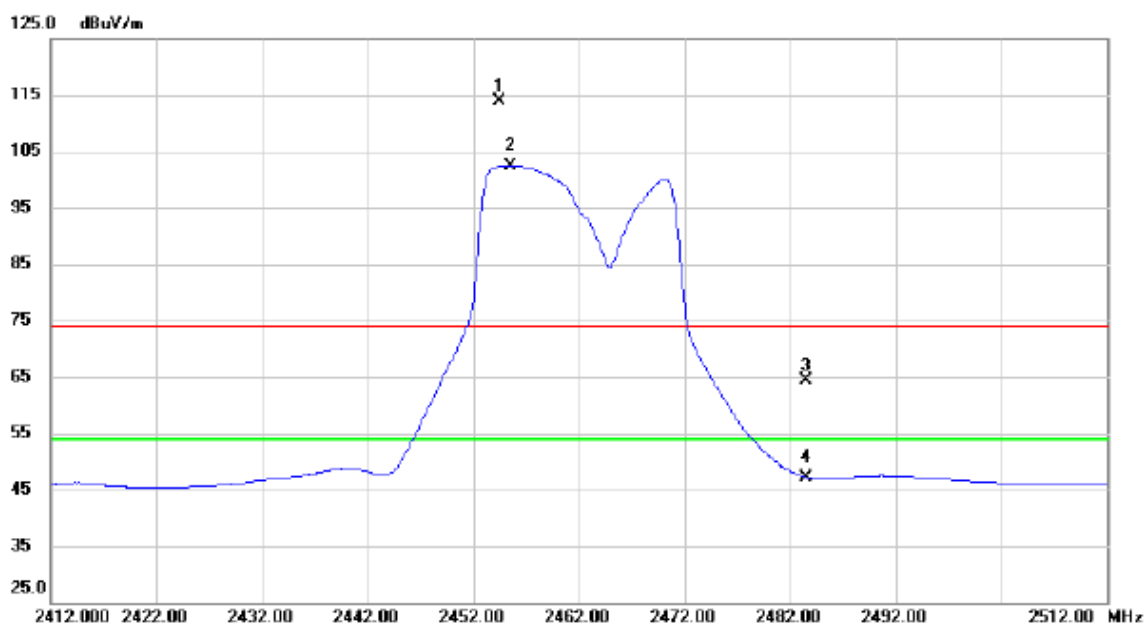
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3252.000	65.71	-14.94	50.77	74.00	-23.23	peak	
2	*	3252.000	64.30	-14.94	49.36	54.00	-4.64	AVG	
3		4924.000	50.84	-11.02	39.82	74.00	-34.18	peak	
4		4924.000	42.87	-11.02	31.85	54.00	-22.15	AVG	
5		7386.000	47.07	-4.33	42.74	74.00	-31.26	peak	
6		7386.000	36.34	-4.33	32.01	54.00	-21.99	AVG	
7		9848.000	47.26	0.17	47.43	74.00	-26.57	peak	
8		9848.000	39.56	0.17	39.73	54.00	-14.27	AVG	

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

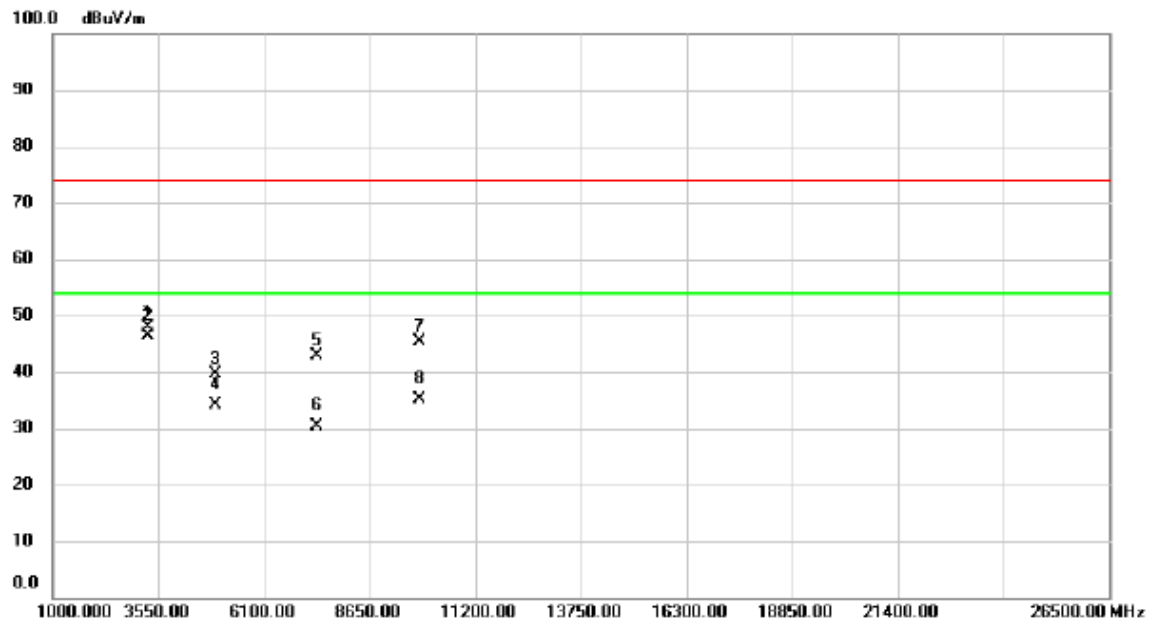
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2454.400	81.38	32.60	113.98	74.00	39.98	peak	No Limit
2	*	2455.500	69.87	32.60	102.47	54.00	48.47	AVG	No Limit
3		2483.500	31.60	32.73	64.33	74.00	-9.67	peak	
4		2483.500	14.47	32.73	47.20	54.00	-6.80	AVG	

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

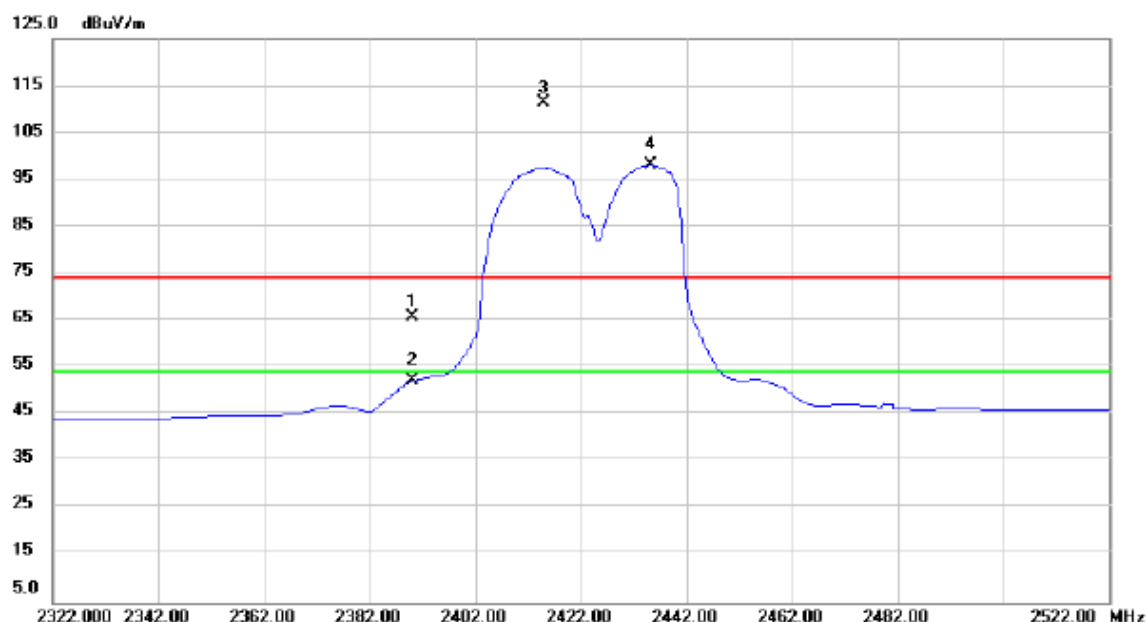
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3282.000	62.76	-14.89	47.87	74.00	-26.13	peak	
2	*	3282.000	61.24	-14.89	46.35	54.00	-7.65	AVG	
3		4924.000	50.54	-11.02	39.52	74.00	-34.48	peak	
4		4924.000	45.20	-11.02	34.18	54.00	-19.82	AVG	
5		7386.000	47.15	-4.33	42.82	74.00	-31.18	peak	
6		7386.000	34.63	-4.33	30.30	54.00	-23.70	AVG	
7		9848.000	45.09	0.17	45.26	74.00	-28.74	peak	
8		9848.000	34.98	0.17	35.15	54.00	-18.85	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	33.47	32.30	65.77	74.00	-8.23	peak	
2		2390.000	19.88	32.30	52.18	54.00	-1.82	AVG	
3	X	2415.000	79.02	32.41	111.43	74.00	37.43	peak	No Limit
4	*	2435.200	65.54	32.51	98.05	54.00	44.05	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX AC40M MODE 2422MHz

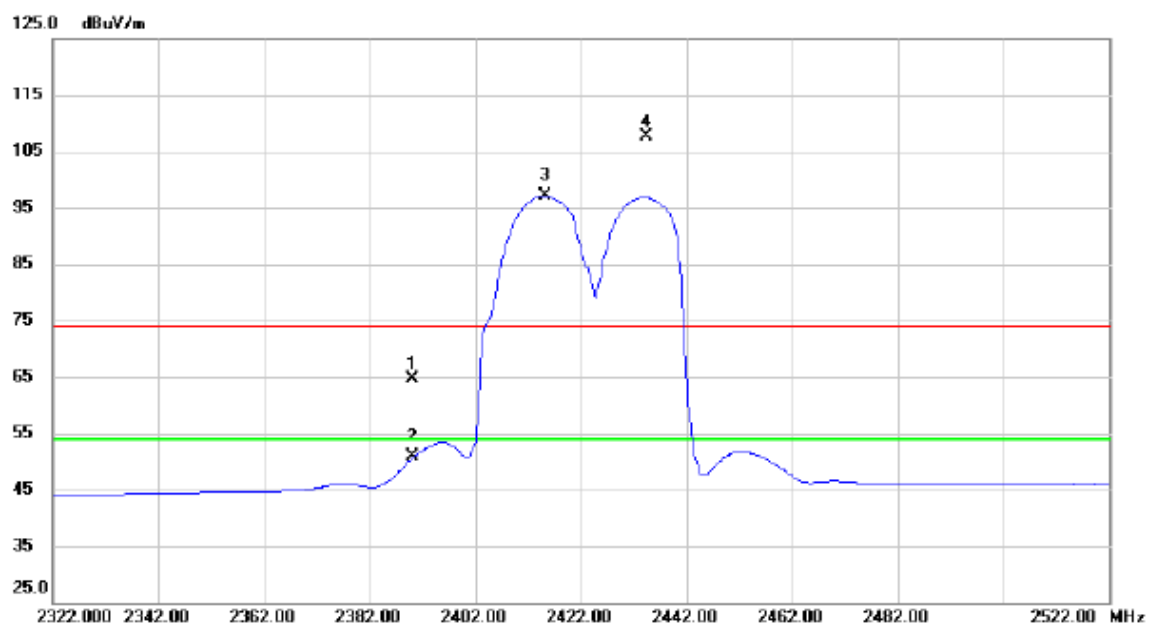
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3229.000	67.50	-14.98	52.52	74.00	-21.48	peak	
2	*	3229.000	65.85	-14.98	50.87	54.00	-3.13	AVG	
3		4844.000	50.70	-11.20	39.50	74.00	-34.50	peak	
4		4844.000	43.45	-11.20	32.25	54.00	-21.75	AVG	
5		7266.000	47.49	-4.61	42.88	74.00	-31.12	peak	
6		7266.000	36.40	-4.61	31.79	54.00	-22.21	AVG	
7		9688.000	49.21	-0.10	49.11	74.00	-24.89	peak	
8		9688.000	41.38	-0.10	41.28	54.00	-12.72	AVG	

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

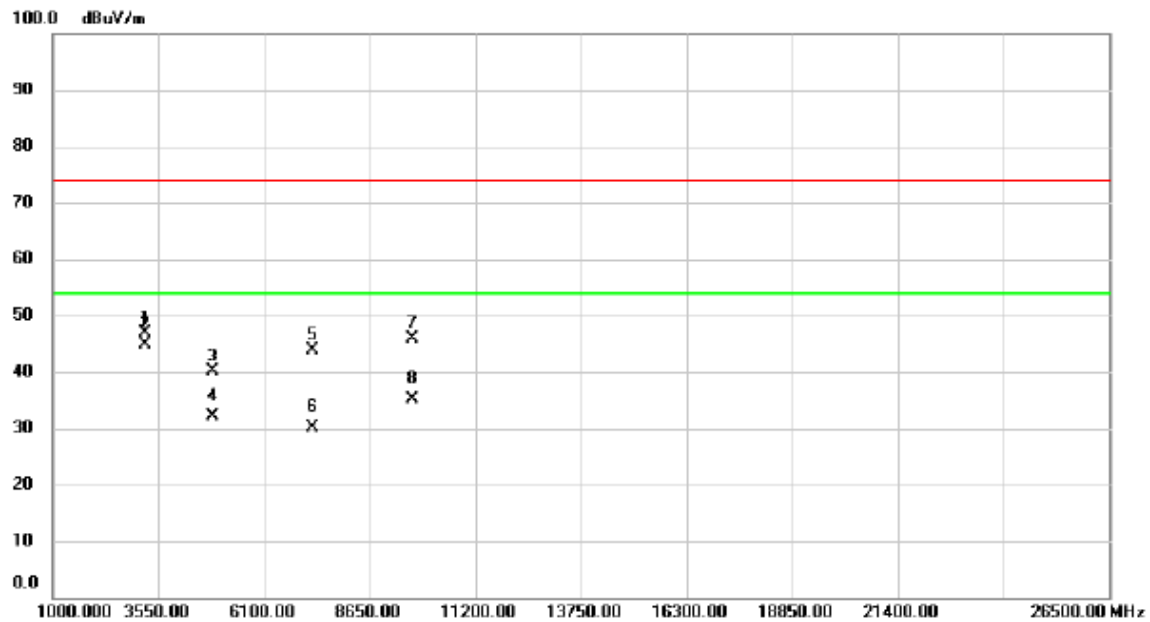
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	32.44	32.30	64.74	74.00	-9.26	peak	
2		2390.000	18.60	32.30	50.90	54.00	-3.10	AVG	
3	*	2415.200	64.78	32.41	97.19	54.00	43.19	AVG	No Limit
4	X	2434.400	75.18	32.51	107.69	74.00	33.69	peak	No Limit

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

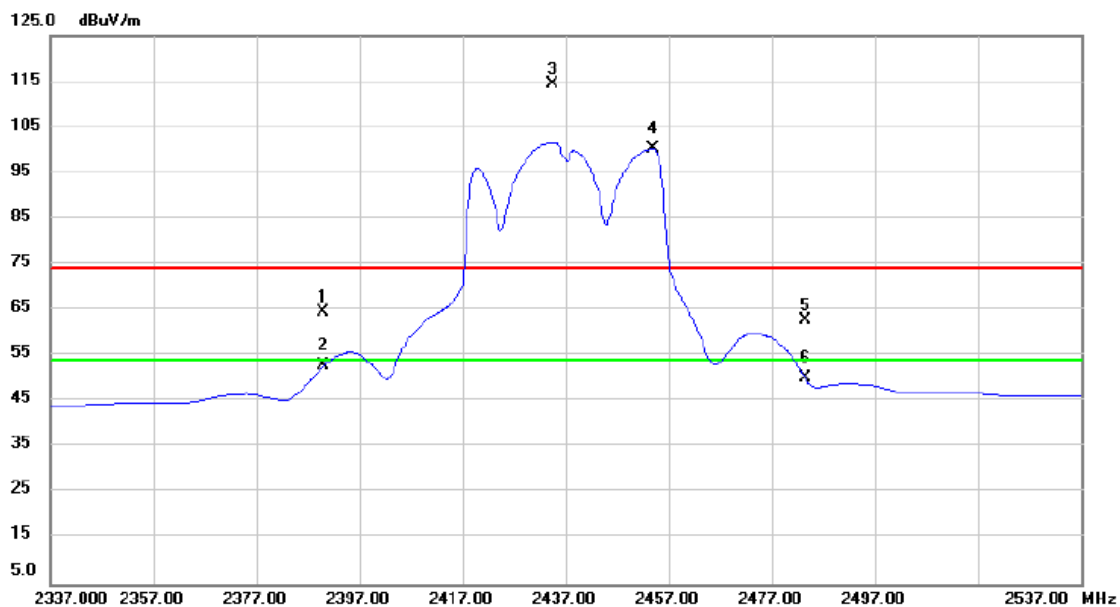
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3229.000	61.82	-14.98	46.84	74.00	-27.16	peak	
2	*	3229.000	59.83	-14.98	44.85	54.00	-9.15	AVG	
3		4844.000	51.28	-11.20	40.08	74.00	-33.92	peak	
4		4844.000	43.43	-11.20	32.23	54.00	-21.77	AVG	
5		7266.000	48.53	-4.61	43.92	74.00	-30.08	peak	
6		7266.000	34.75	-4.61	30.14	54.00	-23.86	AVG	
7		9688.000	45.97	-0.10	45.87	74.00	-28.13	peak	
8		9688.000	35.18	-0.10	35.08	54.00	-18.92	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	32.39	32.30	64.69	74.00	-9.31	peak	
2		2390.000	20.41	32.30	52.71	54.00	-1.29	AVG	
3	X	2434.600	81.99	32.51	114.50	74.00	40.50	peak	No Limit
4	*	2454.000	67.60	32.59	100.19	54.00	46.19	AVG	No Limit
5		2483.500	30.10	32.73	62.83	74.00	-11.17	peak	
6		2483.500	17.28	32.73	50.01	54.00	-3.99	AVG	

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

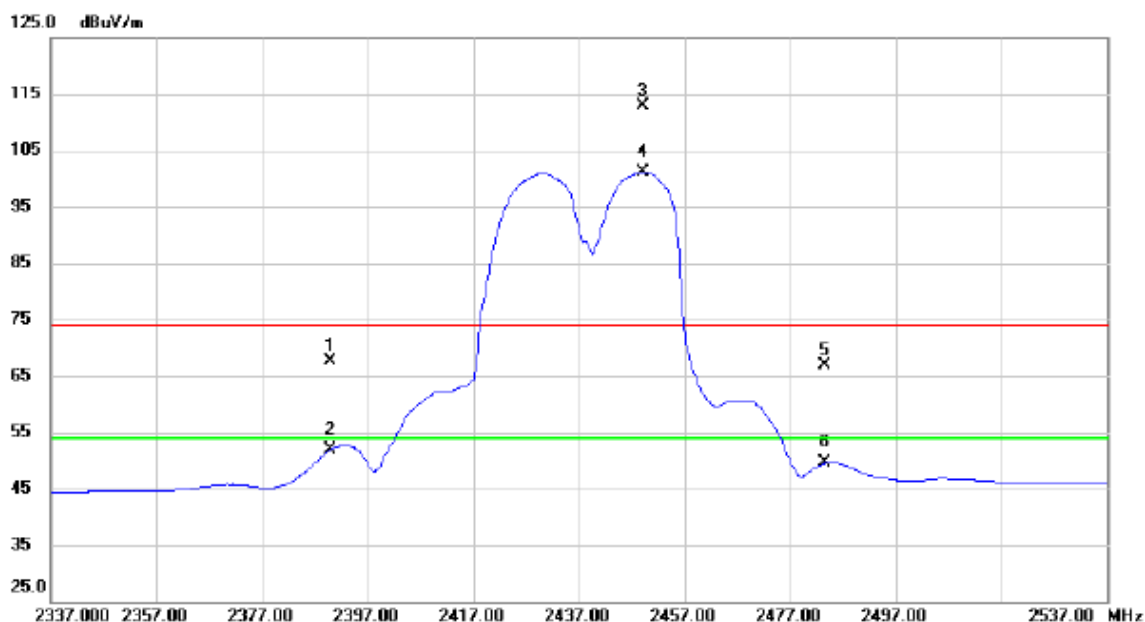
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3249.000	67.72	-14.95	52.77	74.00	-21.23	peak	
2	*	3249.000	66.24	-14.95	51.29	54.00	-2.71	AVG	
3		4874.000	51.20	-11.13	40.07	74.00	-33.93	peak	
4		4874.000	43.16	-11.13	32.03	54.00	-21.97	AVG	
5		7311.000	48.98	-4.51	44.47	74.00	-29.53	peak	
6		7311.000	35.70	-4.51	31.19	54.00	-22.81	AVG	
7		9748.000	47.77	0.00	47.77	74.00	-26.23	peak	
8		9748.000	40.75	0.00	40.75	54.00	-13.25	AVG	

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

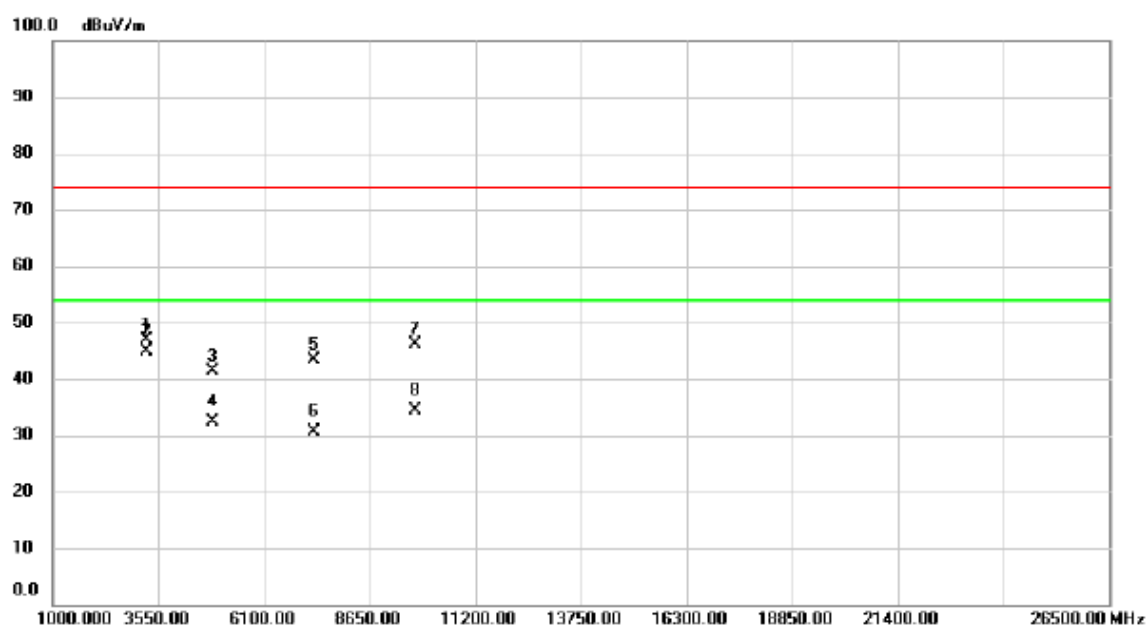
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	35.37	32.30	67.67	74.00	-6.33	peak	
2		2390.000	19.63	32.30	51.93	54.00	-2.07	AVG	
3	X	2449.200	80.32	32.58	112.90	74.00	38.90	peak	No Limit
4	*	2449.200	68.56	32.58	101.14	54.00	47.14	AVG	No Limit
5		2483.500	34.20	32.73	66.93	74.00	-7.07	peak	
6		2483.500	16.80	32.73	49.53	54.00	-4.47	AVG	

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

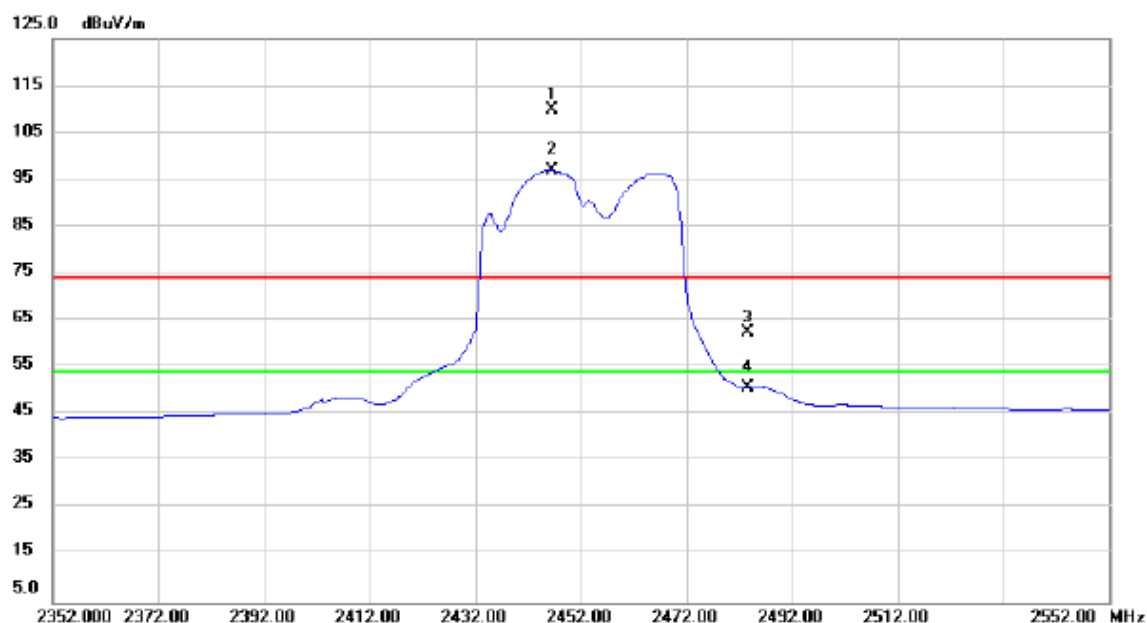
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		3249.000	61.89	-14.95	46.94	74.00	-27.06	peak	
2	*	3249.000	59.95	-14.95	45.00	54.00	-9.00	AVG	
3		4874.000	52.49	-11.13	41.36	74.00	-32.64	peak	
4		4874.000	43.62	-11.13	32.49	54.00	-21.51	AVG	
5		7311.000	47.95	-4.51	43.44	74.00	-30.56	peak	
6		7311.000	35.11	-4.51	30.60	54.00	-23.40	AVG	
7		9748.000	46.05	0.00	46.05	74.00	-27.95	peak	
8		9748.000	34.29	0.00	34.29	54.00	-19.71	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2446.400	77.18	32.56	109.74	74.00	35.74	peak	No Limit
2	*	2446.400	64.38	32.56	96.94	54.00	42.94	AVG	No Limit
3		2483.500	29.61	32.73	62.34	74.00	-11.66	peak	
4		2483.500	18.11	32.73	50.84	54.00	-3.16	AVG	

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

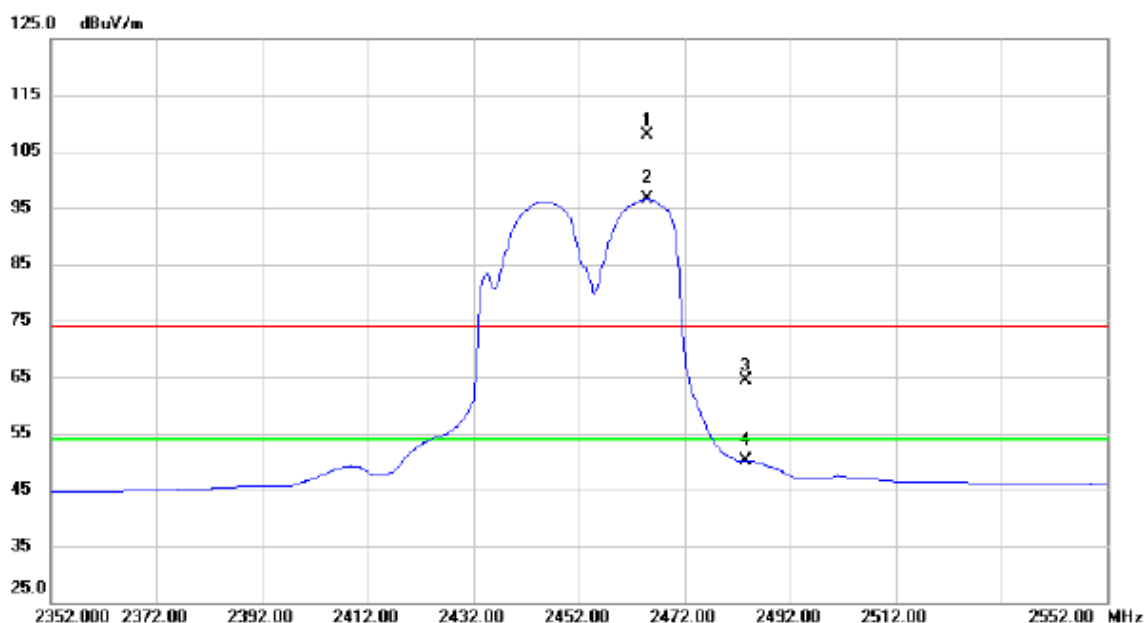
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3269.000	67.40	-14.91	52.49	74.00	-21.51	peak	
2	*	3269.000	65.12	-14.91	50.21	54.00	-3.79	AVG	
3		4904.000	51.95	-11.08	40.87	74.00	-33.13	peak	
4		4904.000	43.40	-11.08	32.32	54.00	-21.68	AVG	
5		7356.000	47.98	-4.40	43.58	74.00	-30.42	peak	
6		7356.000	34.79	-4.40	30.39	54.00	-23.61	AVG	
7		9808.000	47.90	0.11	48.01	74.00	-25.99	peak	
8		9808.000	40.71	0.11	40.82	54.00	-13.18	AVG	

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

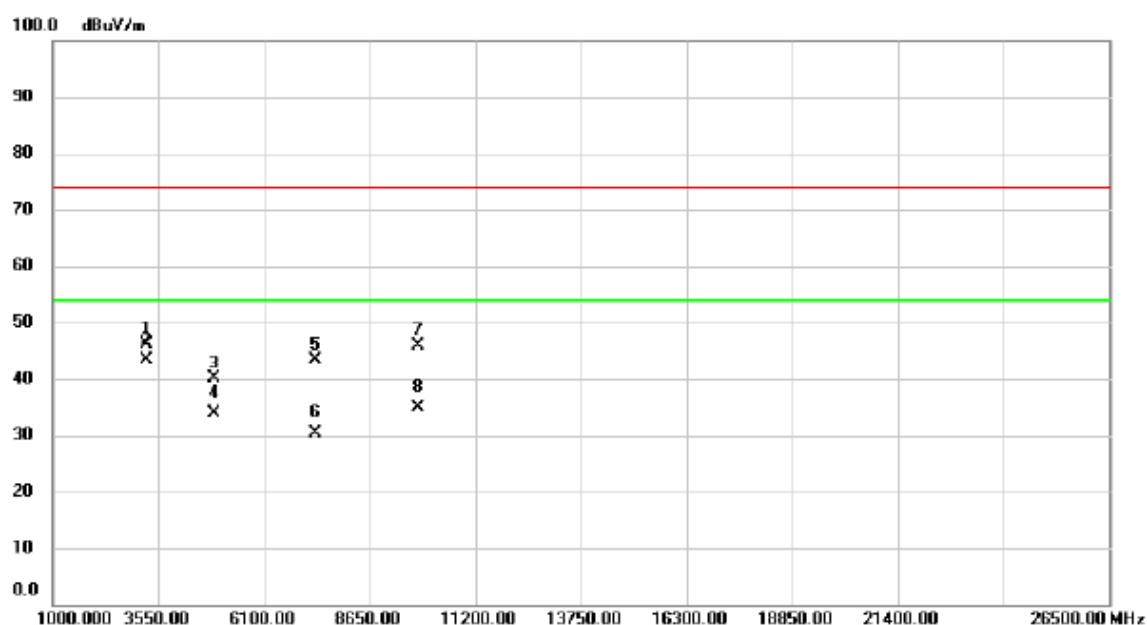
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2465.000	75.30	32.65	107.95	74.00	33.95	peak	No Limit
2	*	2465.000	63.88	32.65	96.53	54.00	42.53	AVG	No Limit
3		2483.500	31.60	32.73	64.33	74.00	-9.67	peak	
4		2483.500	17.29	32.73	50.02	54.00	-3.98	AVG	

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

Horizontal



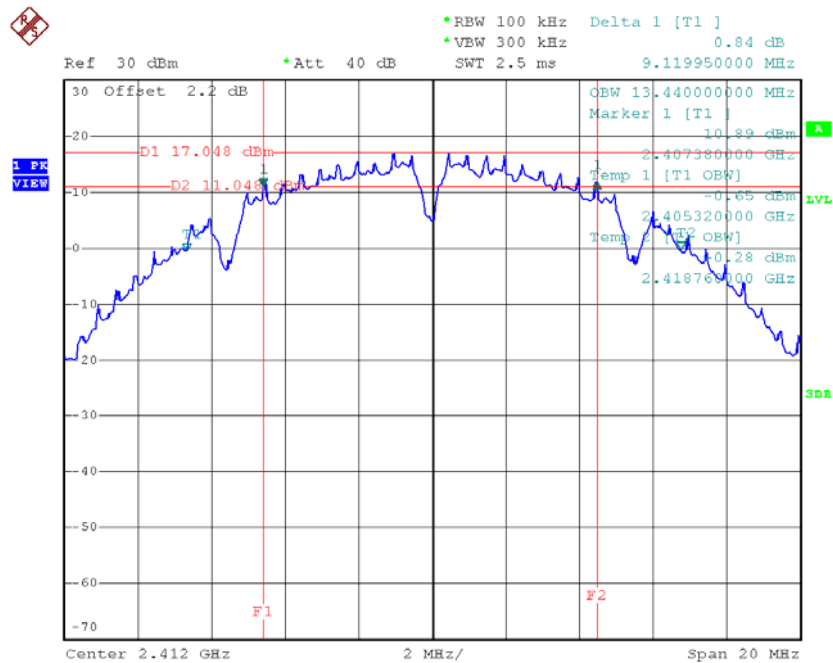
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3269.000	61.06	-14.91	46.15	74.00	-27.85	peak	
2	*	3269.000	58.41	-14.91	43.50	54.00	-10.50	AVG	
3		4904.000	51.24	-11.08	40.16	74.00	-33.84	peak	
4		4904.000	45.08	-11.08	34.00	54.00	-20.00	AVG	
5		7356.000	47.76	-4.40	43.36	74.00	-30.64	peak	
6		7356.000	34.78	-4.40	30.38	54.00	-23.62	AVG	
7		9808.000	45.75	0.11	45.86	74.00	-28.14	peak	
8		9808.000	34.84	0.11	34.95	54.00	-19.05	AVG	

APPENDIX E - BANDWIDTH

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

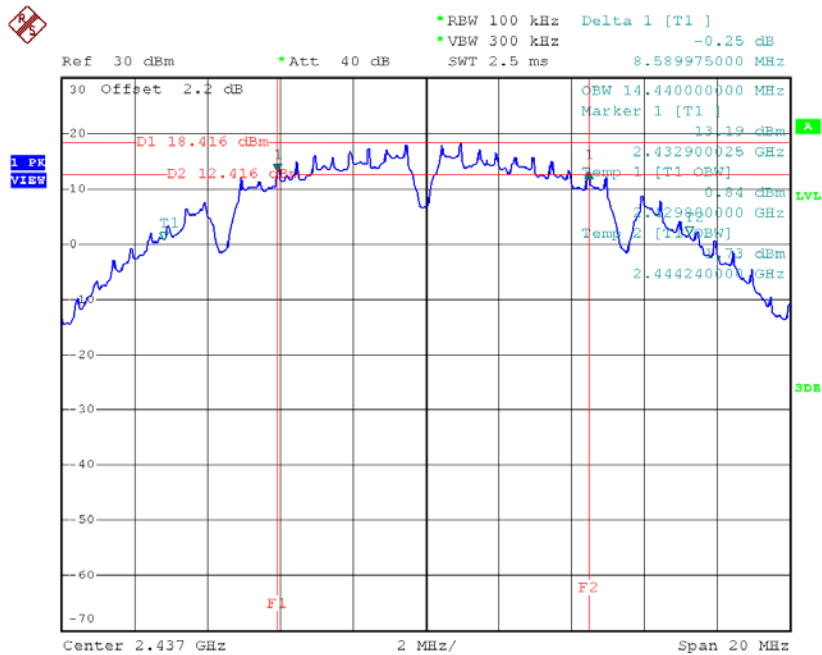
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	9.12	13.44	500	Complies
2437	8.59	14.44	500	Complies
2462	8.60	13.28	500	Complies

TX CH01



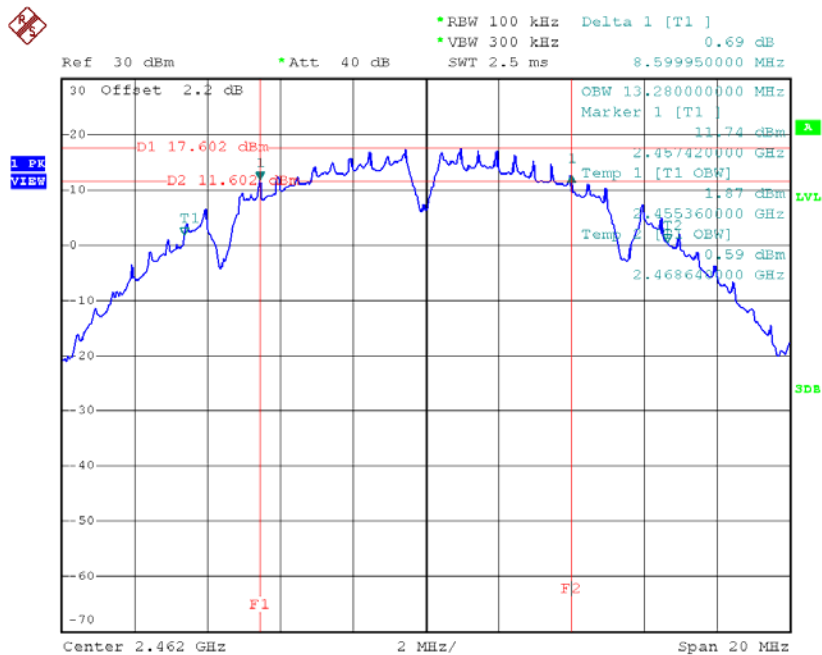
Date: 7.FEB.2018 11:03:02

TX CH06



Date: 7.FEB.2018 11:04:38

TX CH11

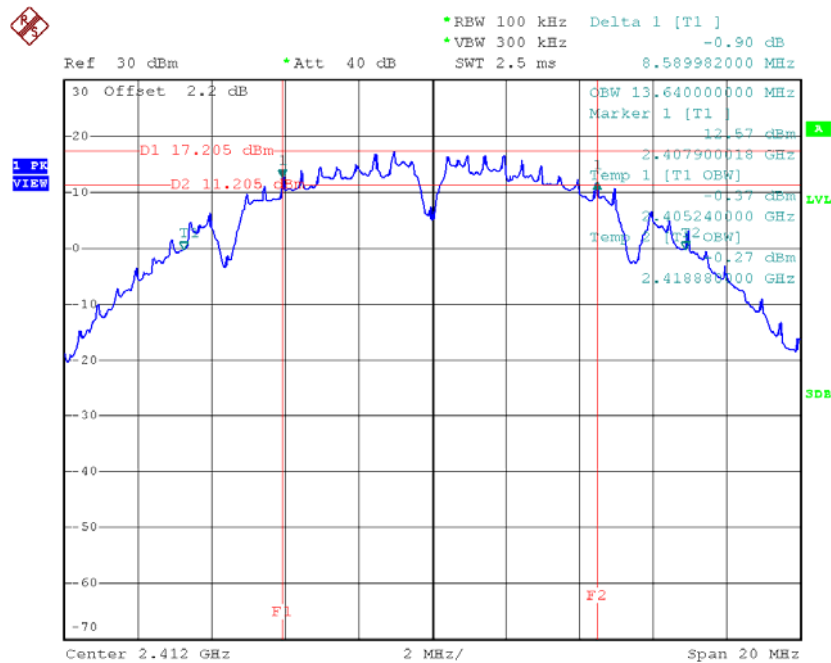


Date: 7.FEB.2018 12:51:27

Test Mode : TX B Mode_CH01/06/11_Ant 2

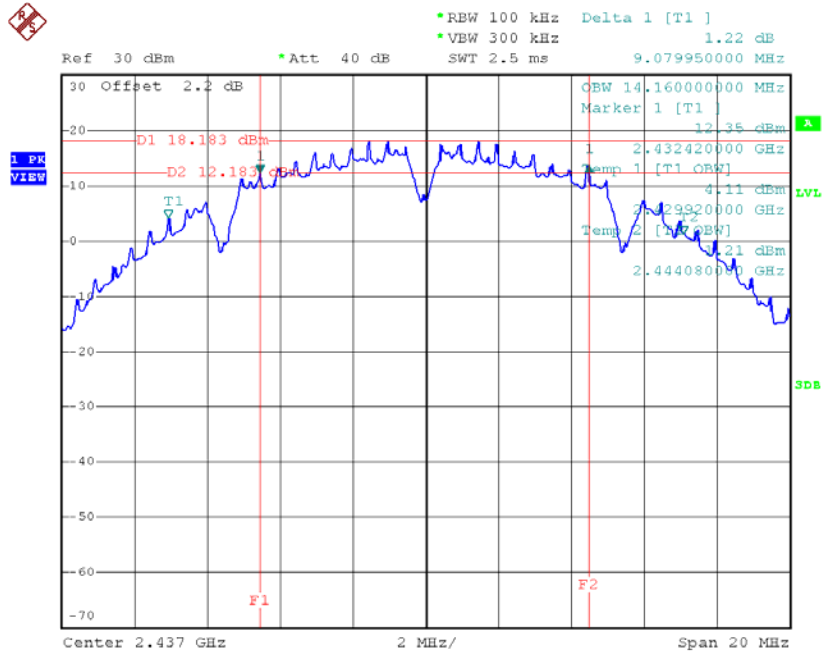
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	8.59	13.64	500	Complies
2437	9.08	14.16	500	Complies
2462	8.11	13.48	500	Complies

TX CH01



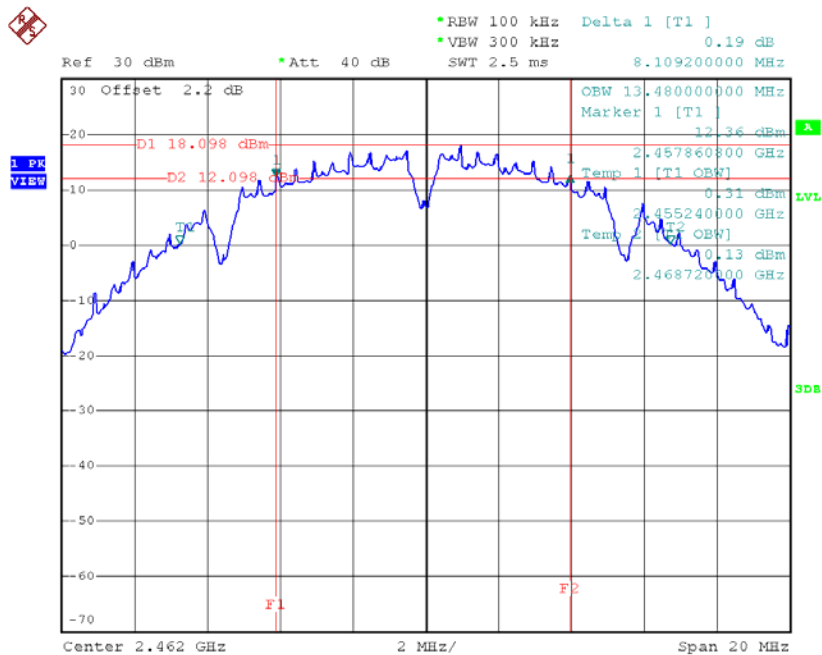
Date: 7.FEB.2018 14:14:39

TX CH06



Date: 7.FEB.2018 14:17:52

TX CH11

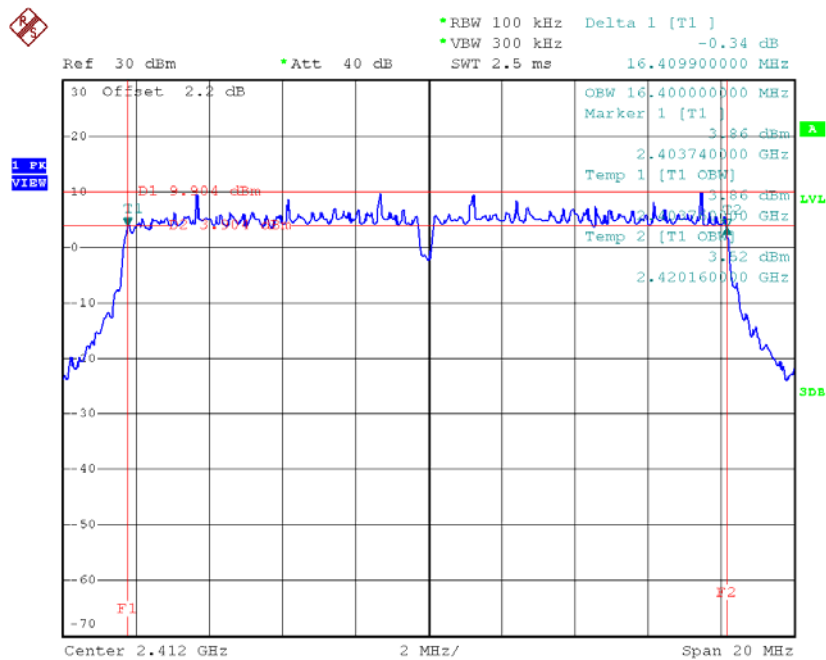


Date: 7.FEB.2018 15:33:48

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

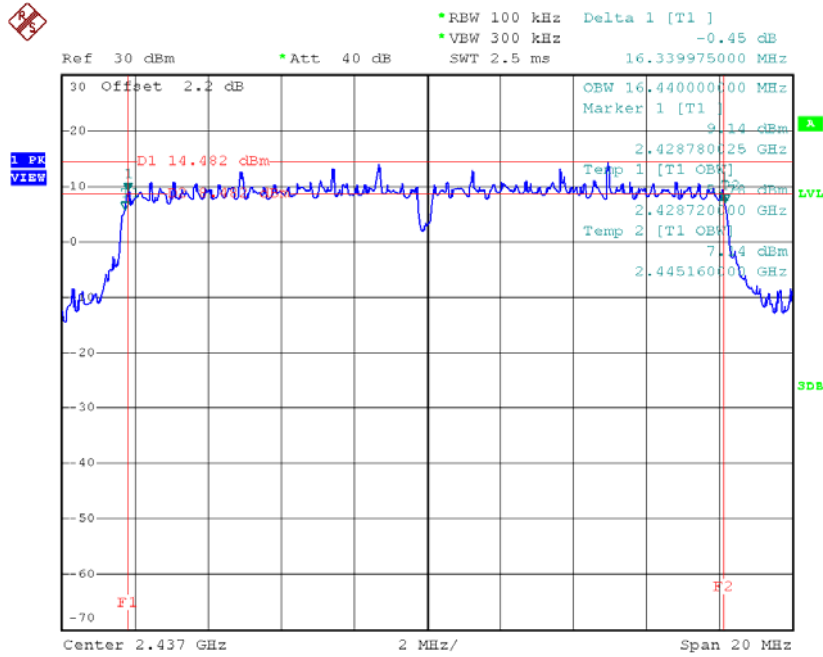
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.41	16.40	500	Complies
2437	16.34	16.44	500	Complies
2462	16.42	16.40	500	Complies

TX CH01



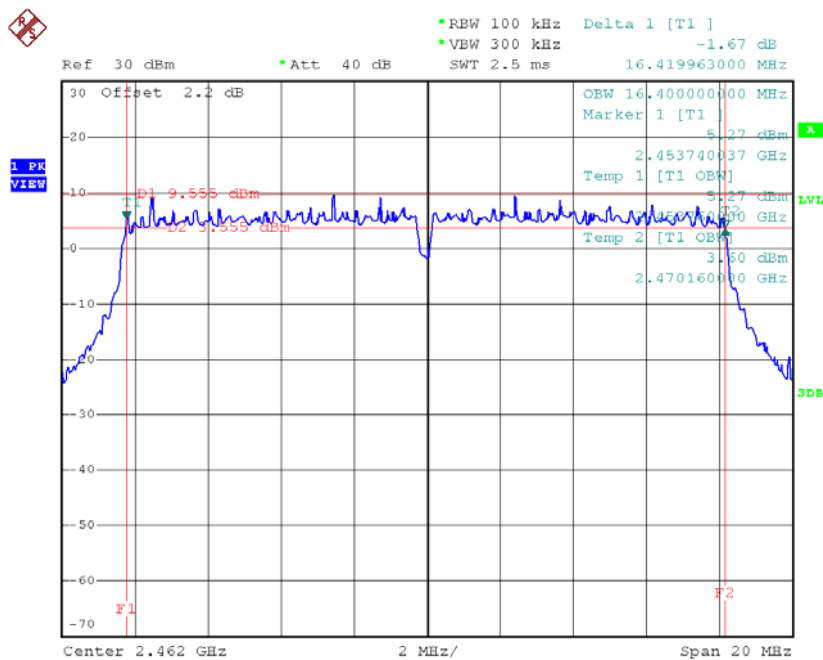
Date: 7.FEB.2018 12:53:21

TX CH06



Date: 7.FEB.2018 12:56:27

TX CH11

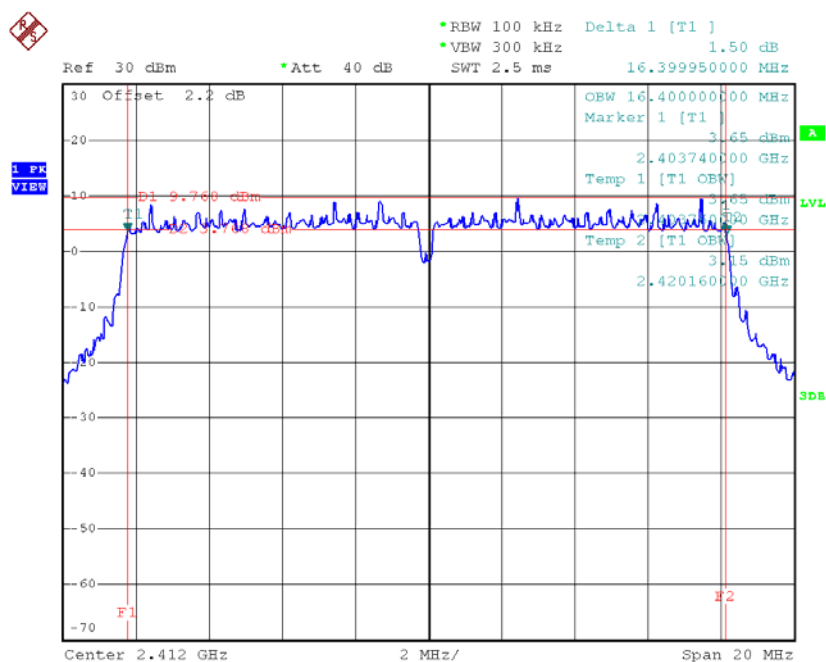


Date: 7.FEB.2018 13:00:14

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

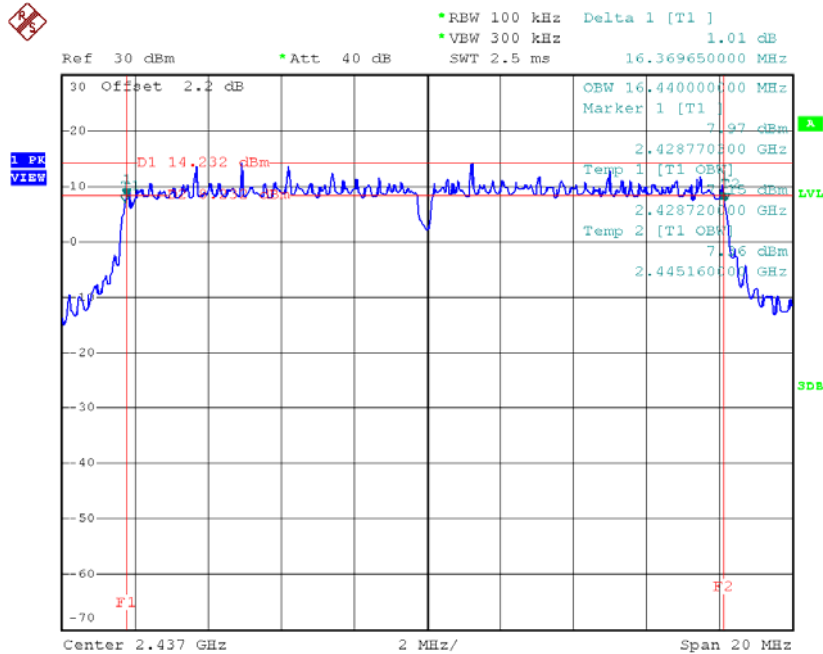
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.40	16.40	500	Complies
2437	16.37	16.44	500	Complies
2462	16.38	16.36	500	Complies

TX CH01



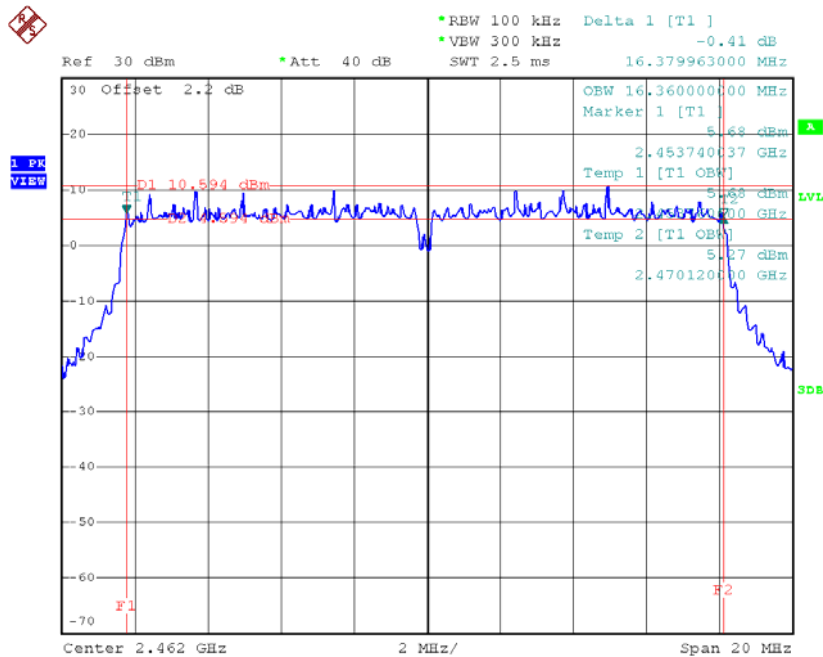
Date: 7.FEB.2018 15:35:43

TX CH06



Date: 7.FEB.2018 15:38:49

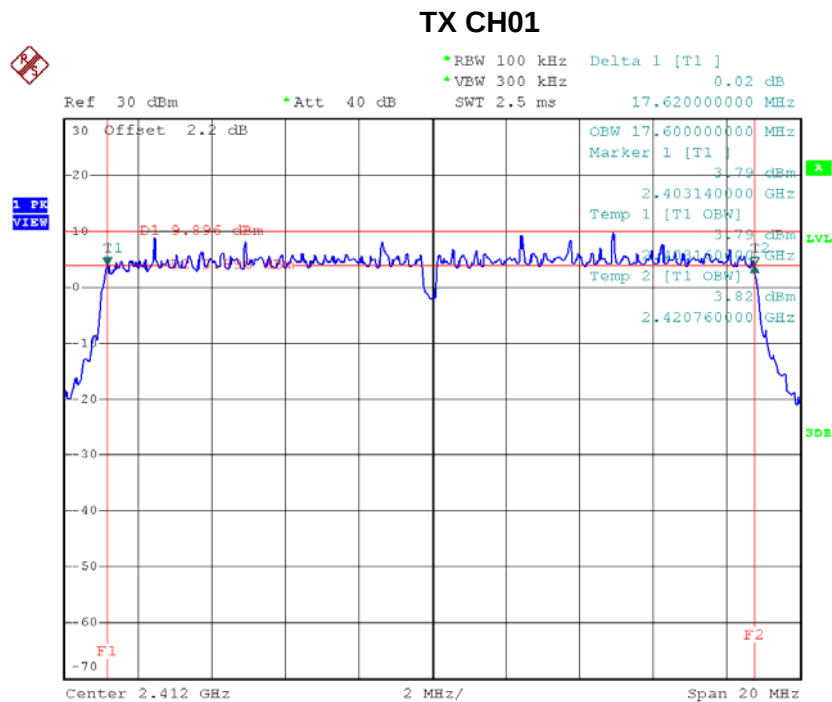
TX CH11



Date: 7.FEB.2018 15:41:52

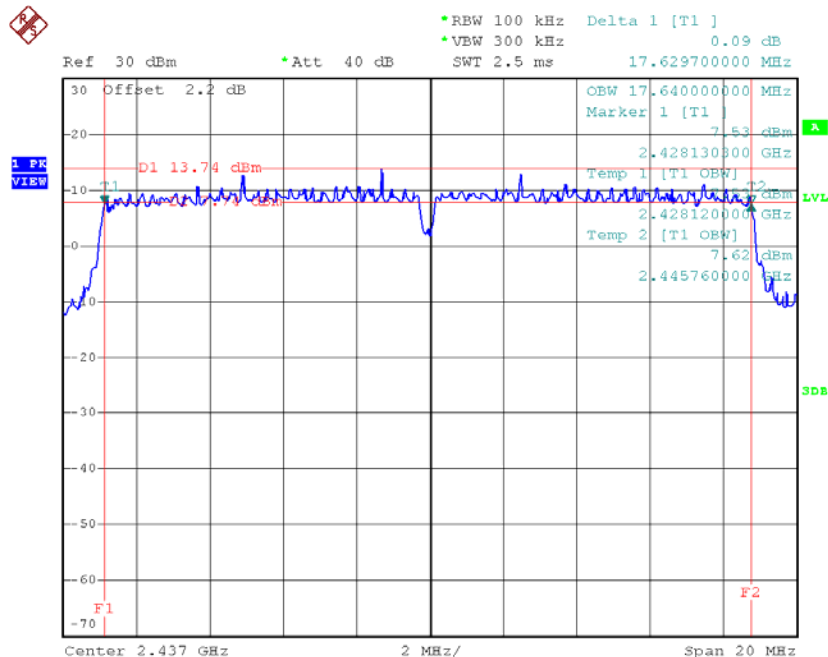
Test Mode : TX N-20MHz Mode_CH01/06/11 Ant 1

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.62	17.60	500	Complies
2437	17.63	17.64	500	Complies
2462	17.63	17.60	500	Complies



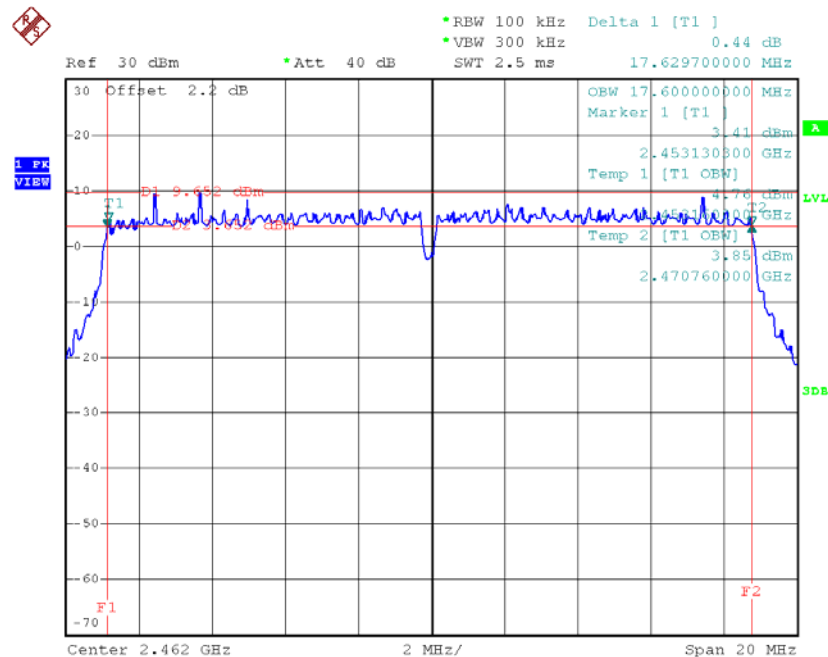
Date: 7.FEB.2018 13:02:31

TX CH06



Date: 7.FEB.2018 13:04:04

TX CH11

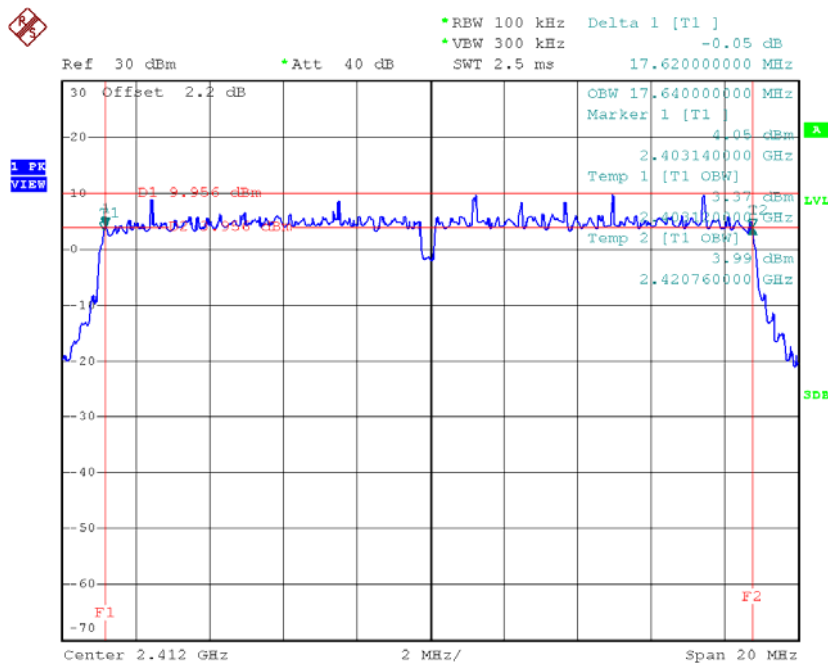


Date: 7.FEB.2018 13:07:27

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

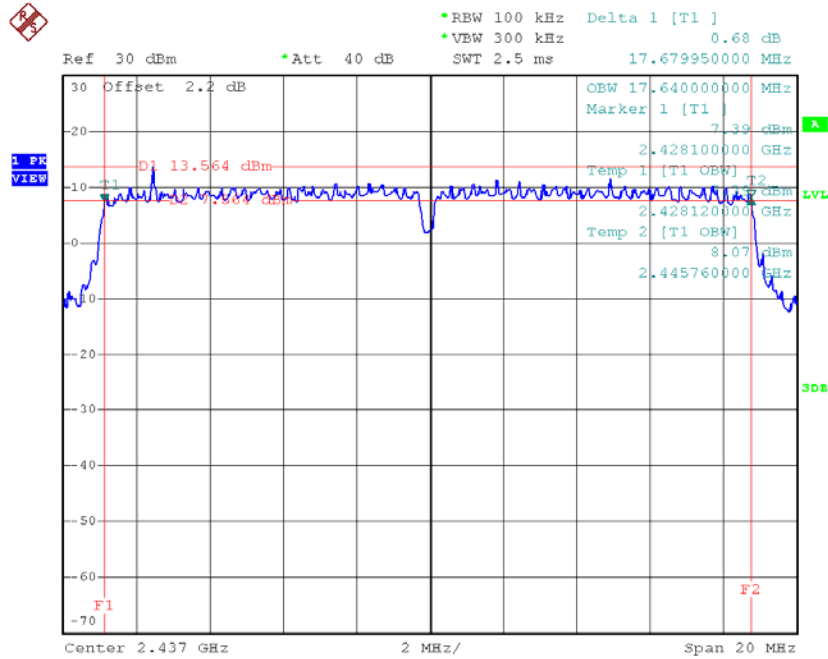
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.62	17.64	500	Complies
2437	17.68	17.64	500	Complies
2462	17.63	17.64	500	Complies

TX CH01



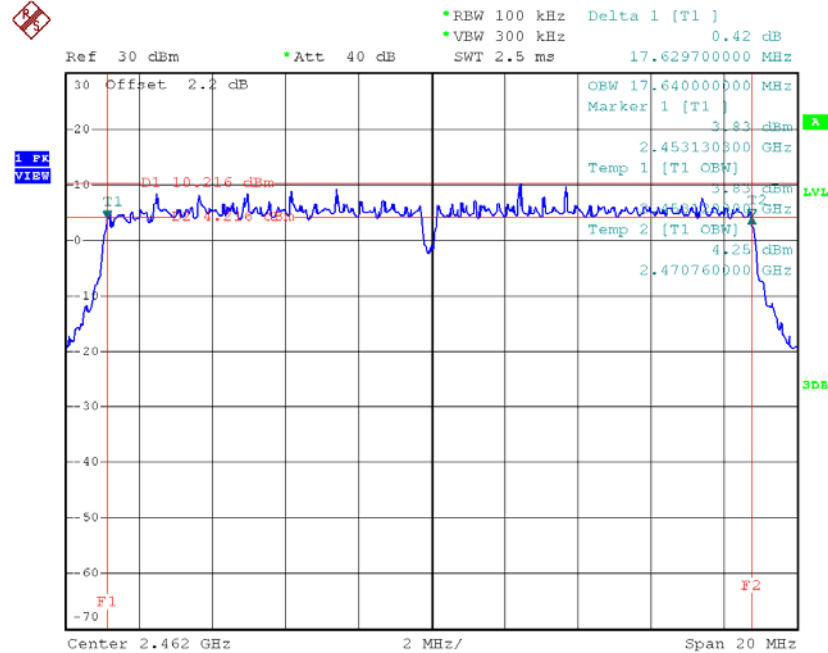
Date: 7.FEB.2018 15:43:53

TX CH06



Date: 7.FEB.2018 15:45:47

TX CH11

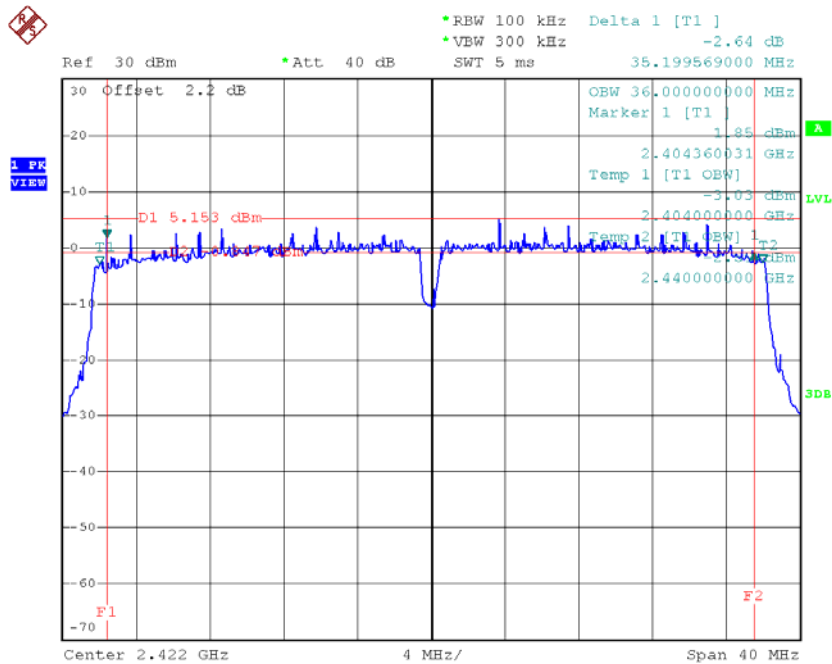


Date: 7.FEB.2018 16:08:33

Test Mode : TX N-40MHz Mode_CH03/06/09 Ant 1

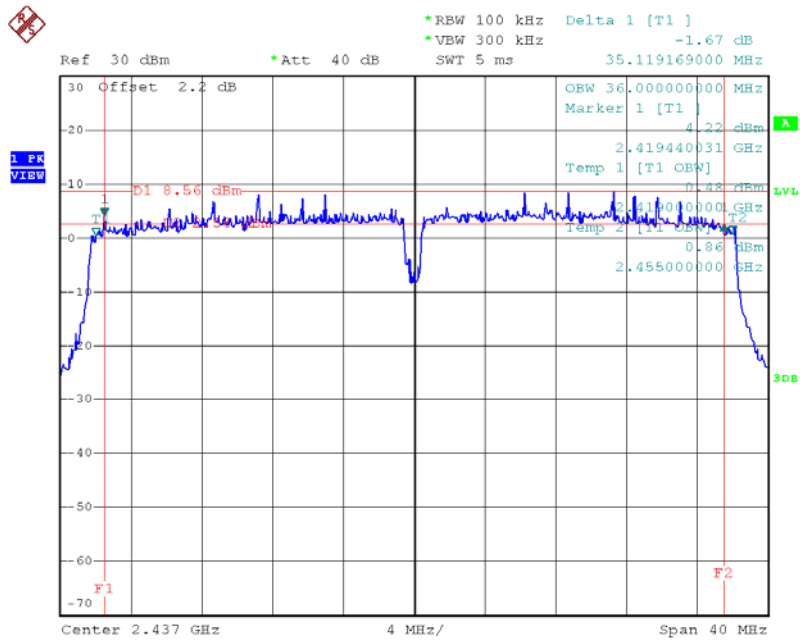
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.20	36.00	500	Complies
2437	35.12	36.00	500	Complies
2452	35.51	36.00	500	Complies

TX CH03



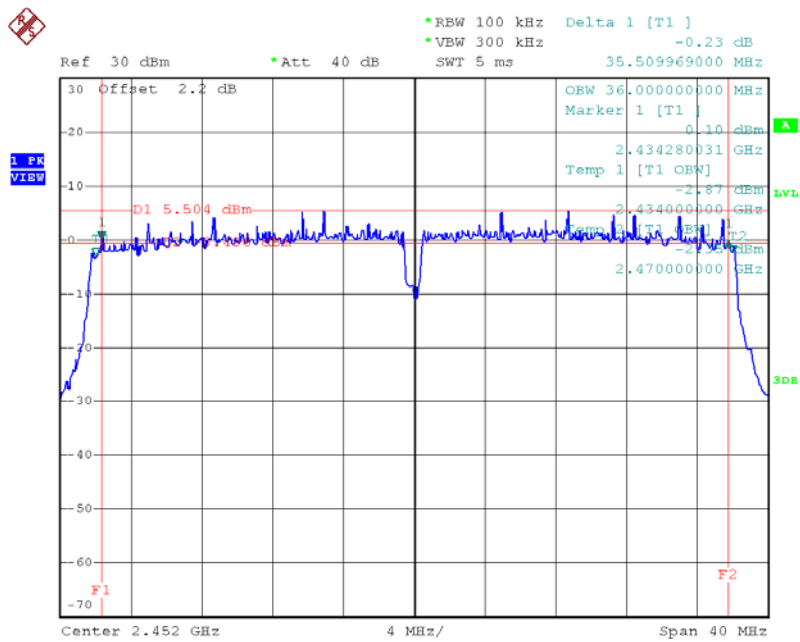
Date: 7.FEB.2018 13:09:21

TX CH06



Date: 7.FEB.2018 13:21:27

TX CH09

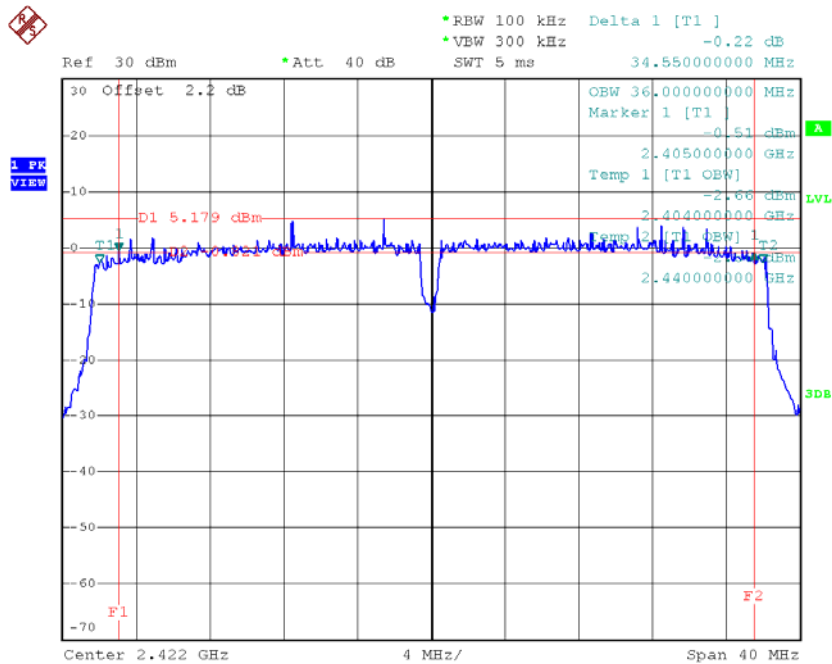


Date: 7.FEB.2018 13:25:25

Test Mode : TX N-40MHz Mode_CH03/06/09 Ant 2

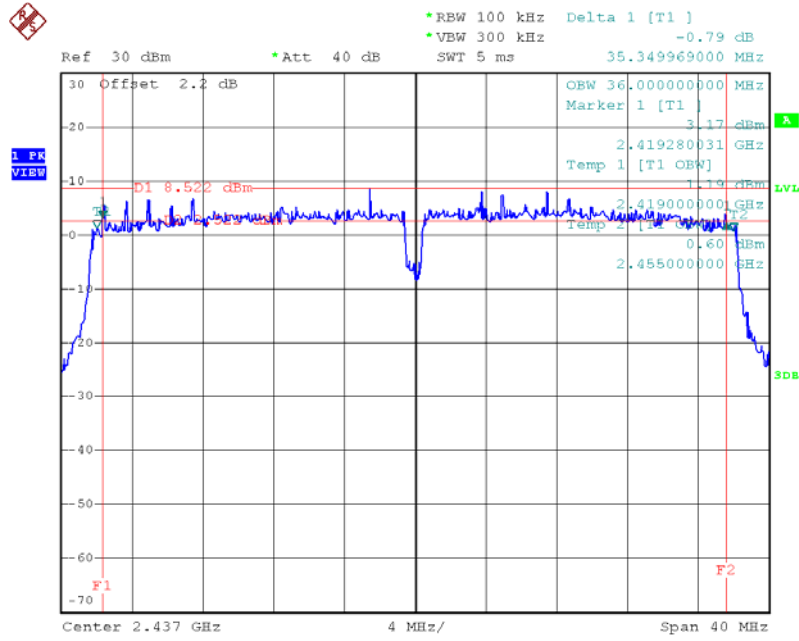
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	34.55	36.00	500	Complies
2437	35.35	36.00	500	Complies
2452	34.56	36.00	500	Complies

TX CH03



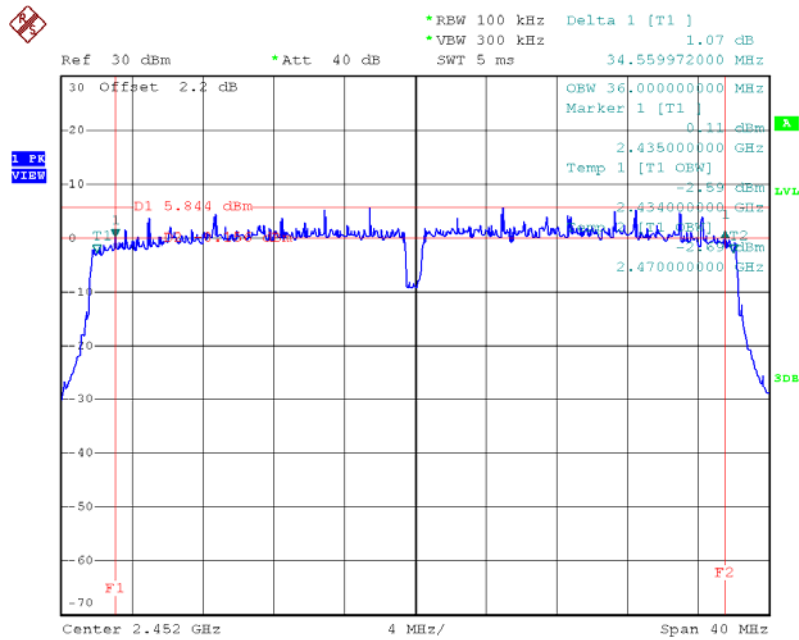
Date: 7.FEB.2018 16:11:16

TX CH06



Date: 7.FEB.2018 16:13:13

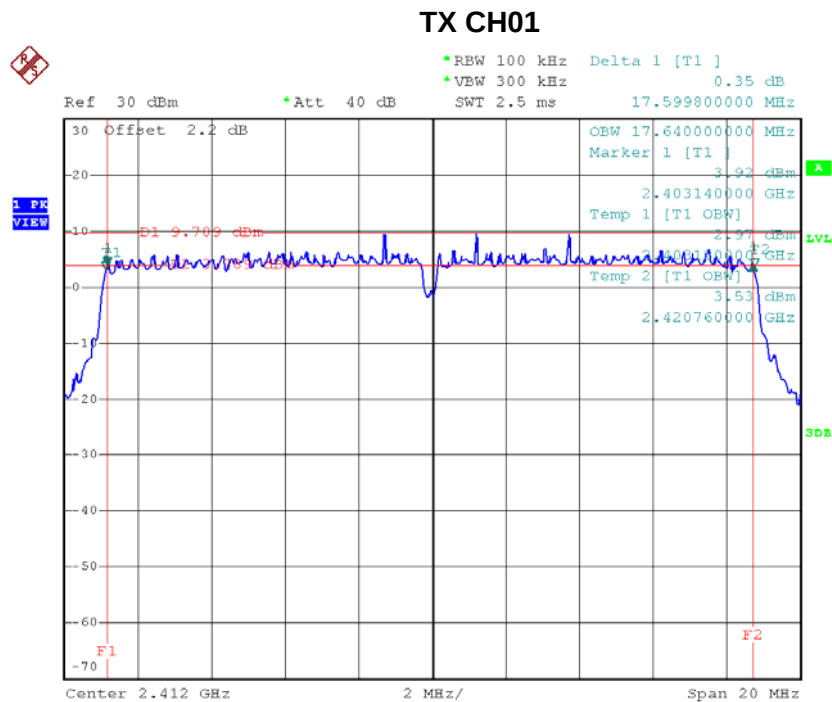
TX CH09



Date: 7.FEB.2018 16:15:53

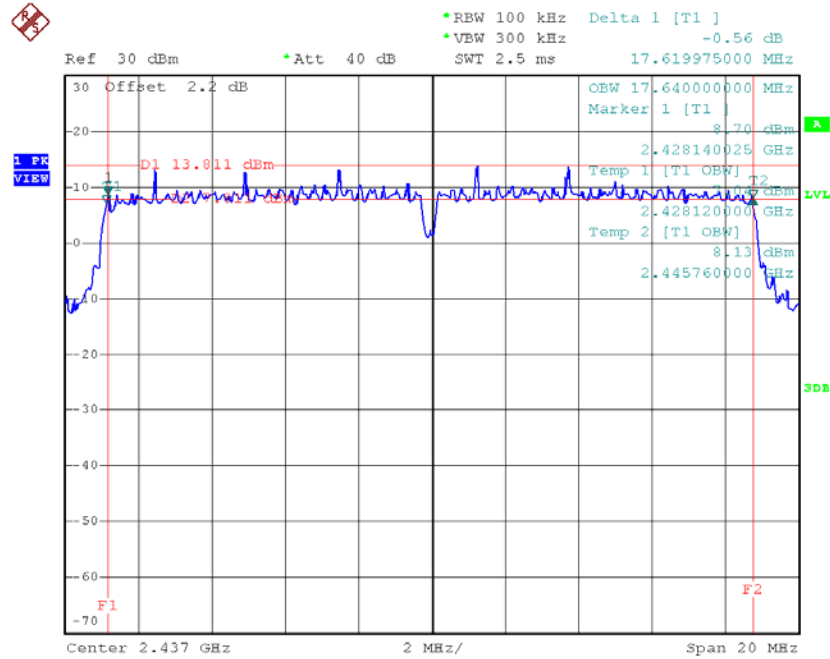
Test Mode : TX AC 20MHz Mode_CH01/06/11 Ant 1

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.60	17.64	500	Complies
2437	17.62	17.64	500	Complies
2462	17.66	17.60	500	Complies



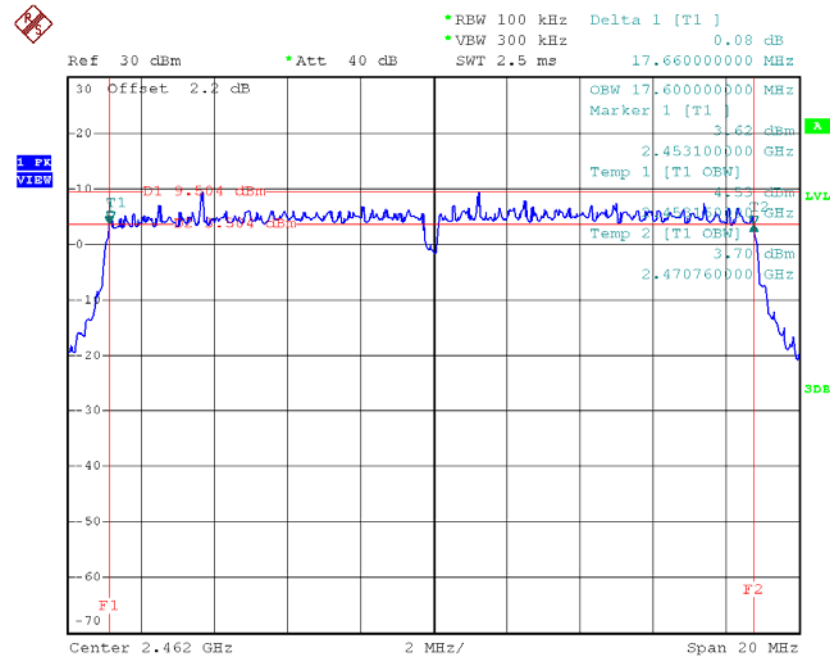
Date: 7.FEB.2018 13:36:52

TX CH06



Date: 7.FEB.2018 13:38:34

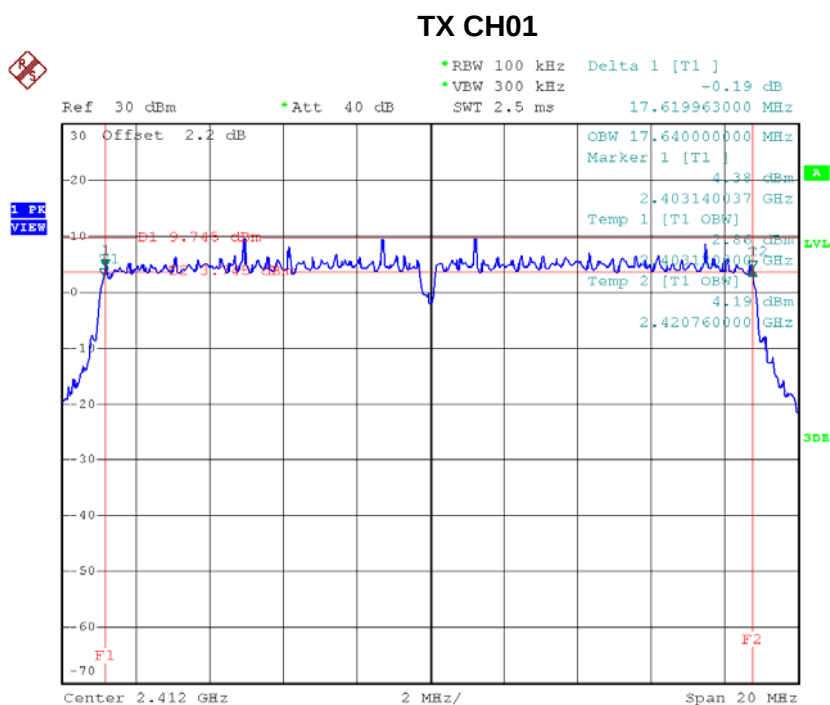
TX CH11



Date: 7.FEB.2018 13:40:12

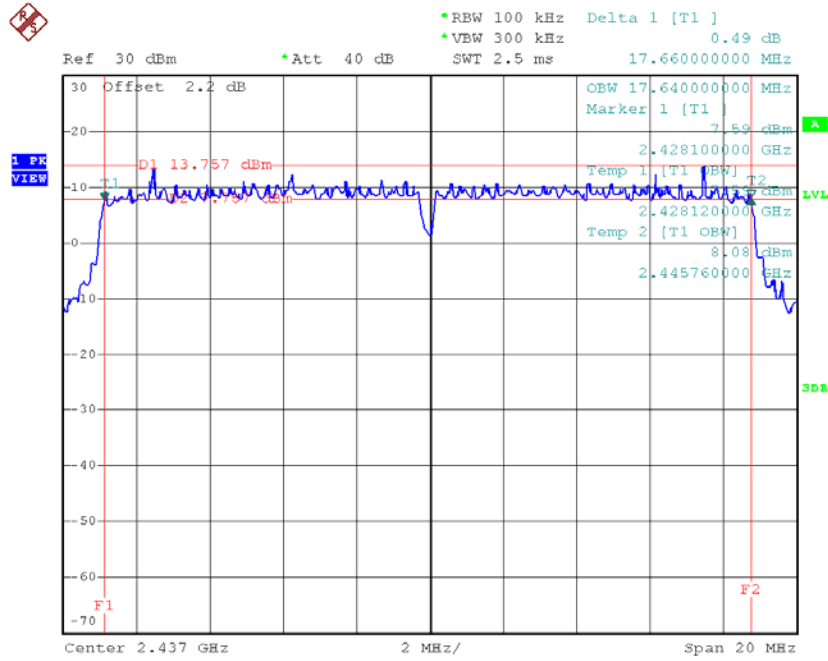
Test Mode : TX AC 20MHz Mode_CH01/06/11 Ant 2

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.62	17.64	500	Complies
2437	17.66	17.64	500	Complies
2462	17.66	17.64	500	Complies



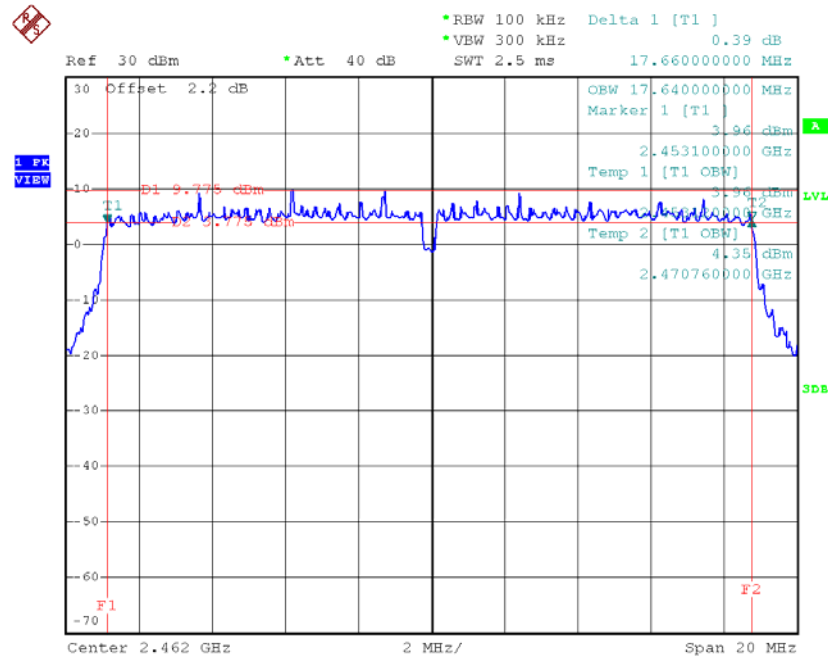
Date: 7.FEB.2018 16:26:37

TX CH06



Date: 7.FEB.2018 16:28:17

TX CH11

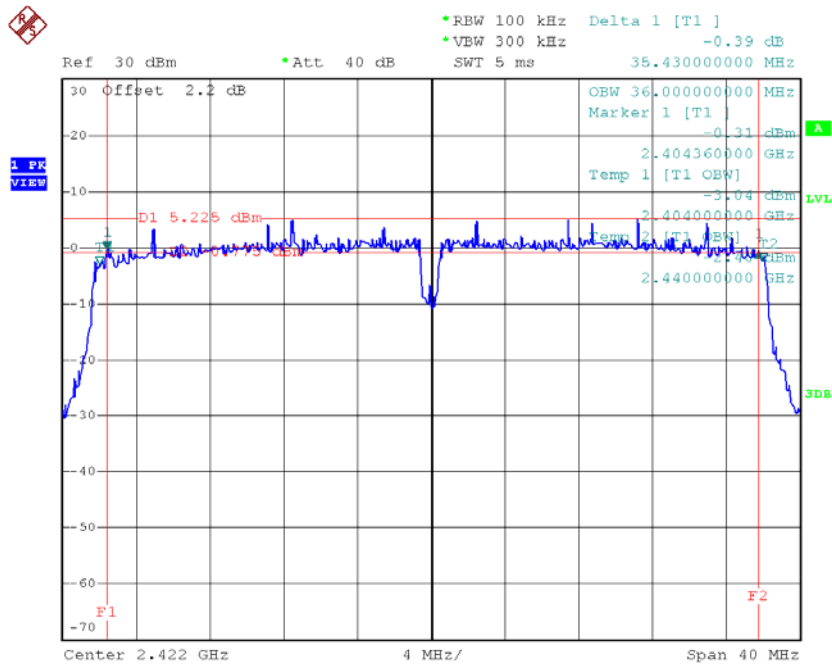


Date: 7.FEB.2018 16:32:14

Test Mode : TX AC 40MHz Mode_CH03/06/09 Ant 1

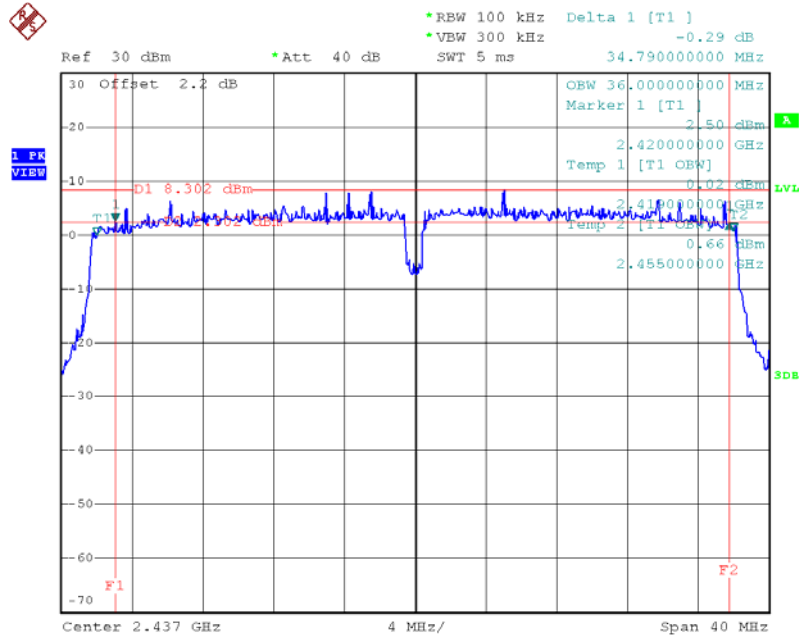
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.43	36.00	500	Complies
2437	35.27	36.00	500	Complies
2452	34.00	36.00	500	Complies

TX CH03



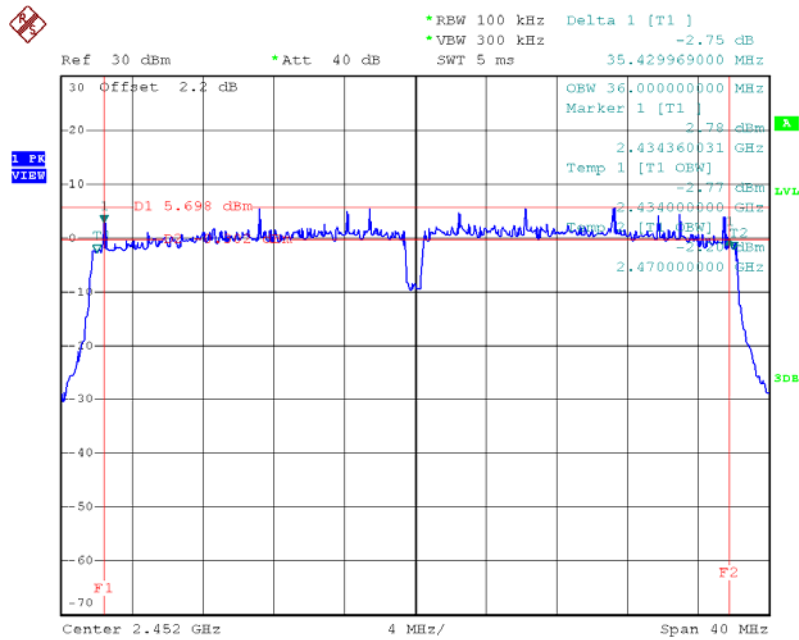
Date: 7.FEB.2018 13:42:03

TX CH06



Date: 7.FEB.2018 13:53:09

TX CH09

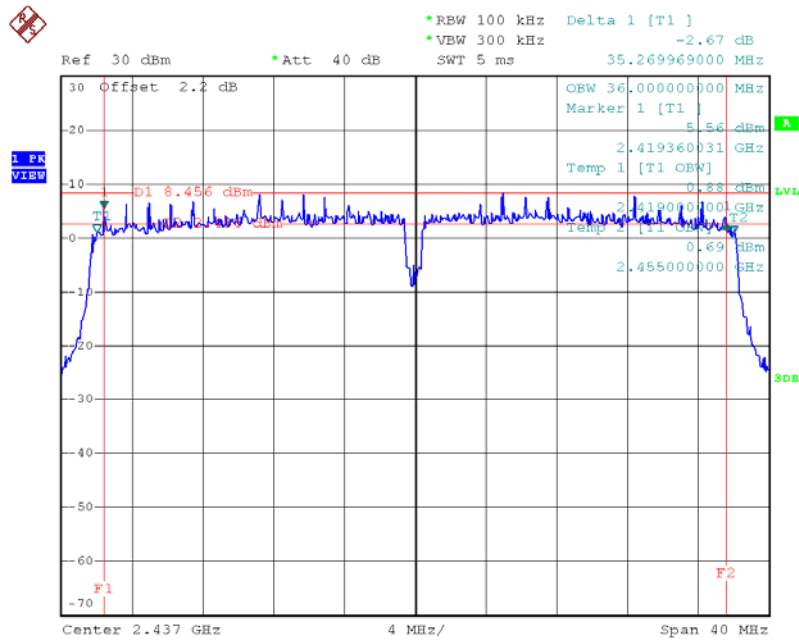


Date: 7.FEB.2018 13:54:50

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.20	36.32	500	Complies
2437	35.27	36.32	500	Complies
2452	34.00	36.24	500	Complies

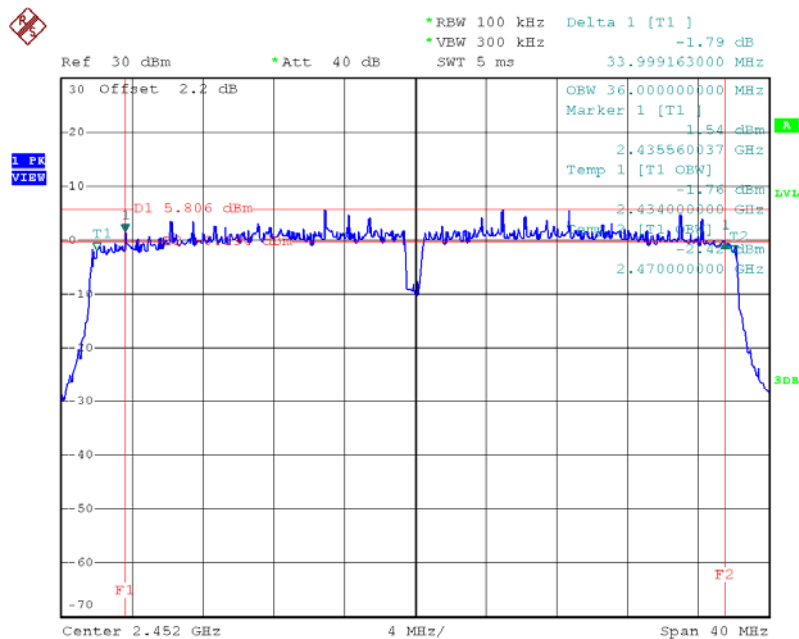


TX CH06



Date: 7.FEB.2018 16:22:06

TX CH09



Date: 7.FEB.2018 16:23:57

APPENDIX F - MAXIMUM CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11_Ant 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.46	0.2793	30.00	1.00	Complies
2437	25.29	0.3381	30.00	1.00	Complies
2462	24.38	0.2742	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_Ant 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.96	0.3133	30.00	1.00	Complies
2437	25.79	0.3793	30.00	1.00	Complies
2462	25.12	0.3251	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	27.73	0.5926	30.00	1.00	Complies
2437	28.56	0.7174	30.00	1.00	Complies
2462	27.78	0.5992	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	19.49	0.0889	30.00	1.00	Complies
2437	24.07	0.2553	30.00	1.00	Complies
2462	19.68	0.0929	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_Ant 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.02	0.1005	30.00	1.00	Complies
2437	24.55	0.2851	30.00	1.00	Complies
2462	20.26	0.1062	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	22.77	0.1894	30.00	1.00	Complies
2437	27.33	0.5404	30.00	1.00	Complies
2462	22.99	0.1991	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	19.32	0.0855	30.00	1.00	Complies
2437	24.44	0.2780	30.00	1.00	Complies
2462	19.44	0.0879	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	19.88	0.0973	30.00	1.00	Complies
2437	24.94	0.3119	30.00	1.00	Complies
2462	20.36	0.1086	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	22.62	0.1828	30.00	1.00	Complies
2437	27.71	0.5899	30.00	1.00	Complies
2462	22.93	0.1965	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	16.98	0.0499	30.00	1.00	Complies
2437	20.32	0.1076	30.00	1.00	Complies
2452	17.41	0.0551	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	17.54	0.0568	30.00	1.00	Complies
2437	20.91	0.1233	30.00	1.00	Complies
2452	18.05	0.0638	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	20.28	0.1066	30.00	1.00	Complies
2437	23.64	0.2310	30.00	1.00	Complies
2452	20.75	0.1189	30.00	1.00	Complies

Test Mode :TX AC20 Mode_CH01/06/11_Ant 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	18.93	0.0782	30.00	1.00	Complies
2437	24.52	0.2831	30.00	1.00	Complies
2462	19.34	0.0859	30.00	1.00	Complies

Test Mode :TX AC20 Mode_CH01/06/11_Ant 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	19.57	0.0906	30.00	1.00	Complies
2437	25.85	0.3846	30.00	1.00	Complies
2462	20.02	0.1005	30.00	1.00	Complies

Test Mode :TX AC20 Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	22.27	0.1687	30.00	1.00	Complies
2437	28.25	0.6677	30.00	1.00	Complies
2462	22.70	0.1864	30.00	1.00	Complies

Test Mode :TX AC40 Mode_CH03/06/09_Ant 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	17.11	0.0514	30.00	1.00	Complies
2437	20.19	0.1045	30.00	1.00	Complies
2452	17.12	0.0515	30.00	1.00	Complies

Test Mode :TX AC40 Mode_CH03/06/09_Ant 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	17.85	0.0610	30.00	1.00	Complies
2437	20.81	0.1205	30.00	1.00	Complies
2452	17.80	0.0603	30.00	1.00	Complies

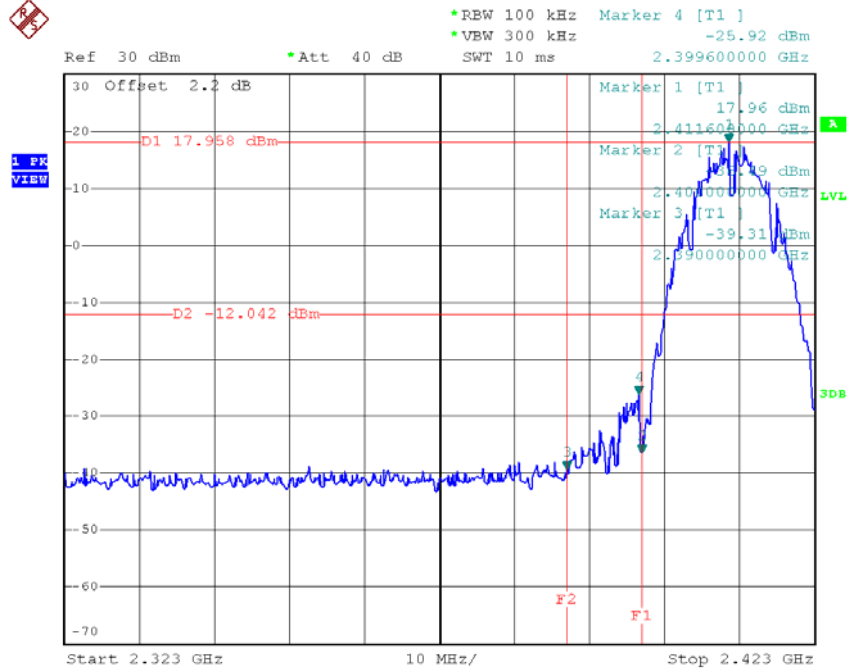
Test Mode :TX AC40 Mode_CH03/06/09_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	20.51	0.1124	30.00	1.00	Complies
2437	23.52	0.2250	30.00	1.00	Complies
2452	20.48	0.1118	30.00	1.00	Complies

APPENDIX G - ANTENNA CONDUCTED SPURIOUS EMISSION

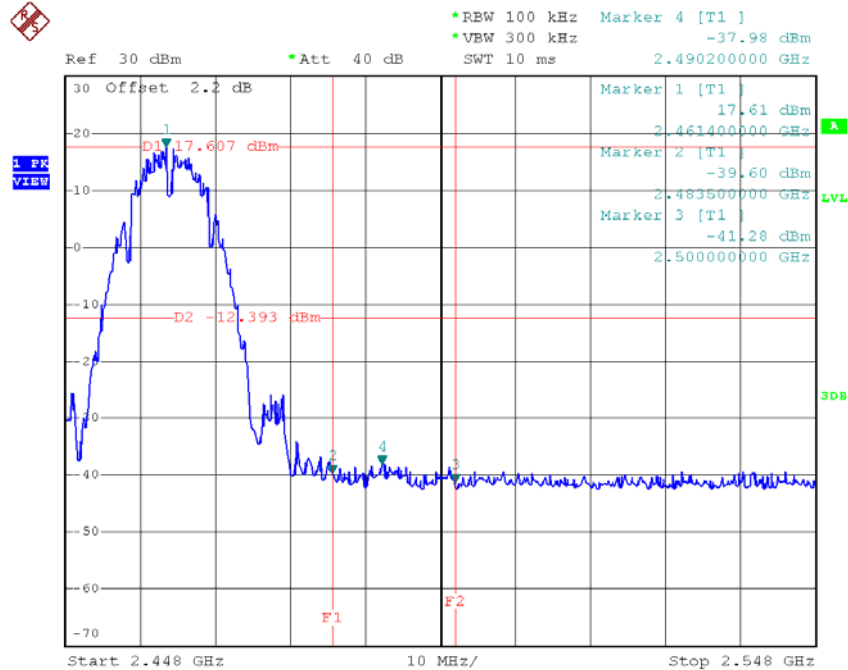
Test Mode : TX B Mode_Ant 1

TX B mode CH01



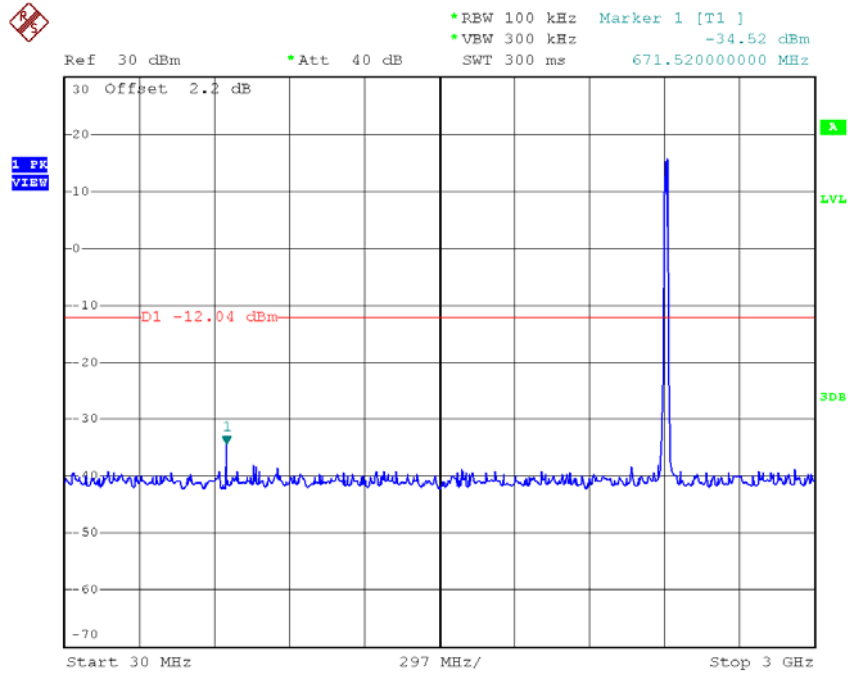
Date: 7.FEB.2018 11:03:11

TX B mode CH11

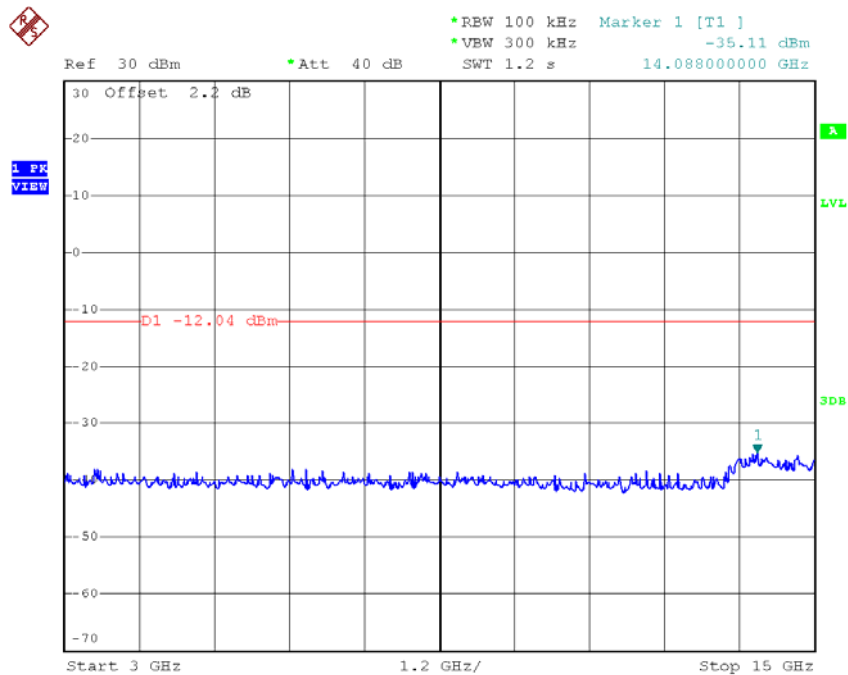


Date: 7.FEB.2018 12:51:36

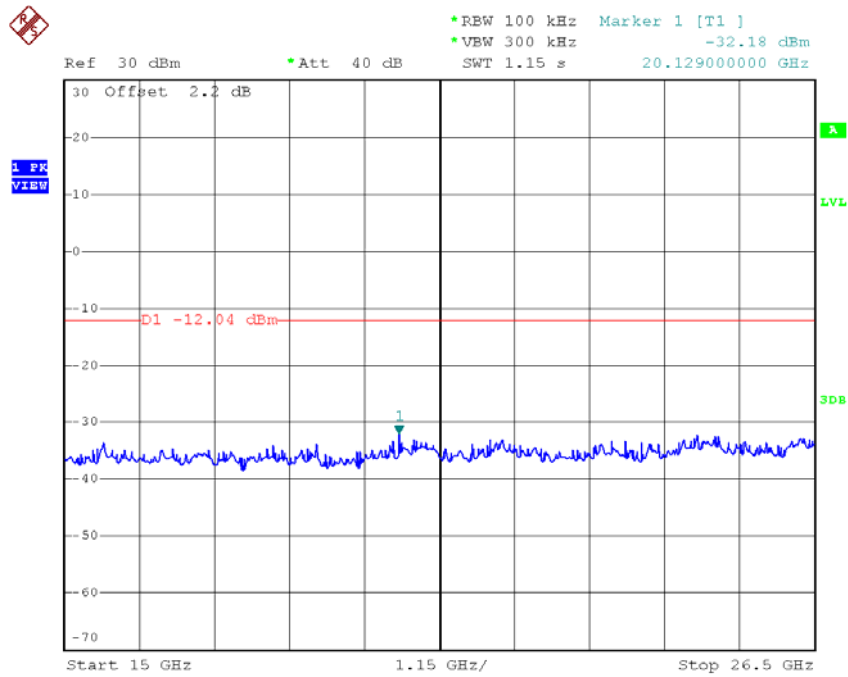
TX B mode CH01 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:31:01

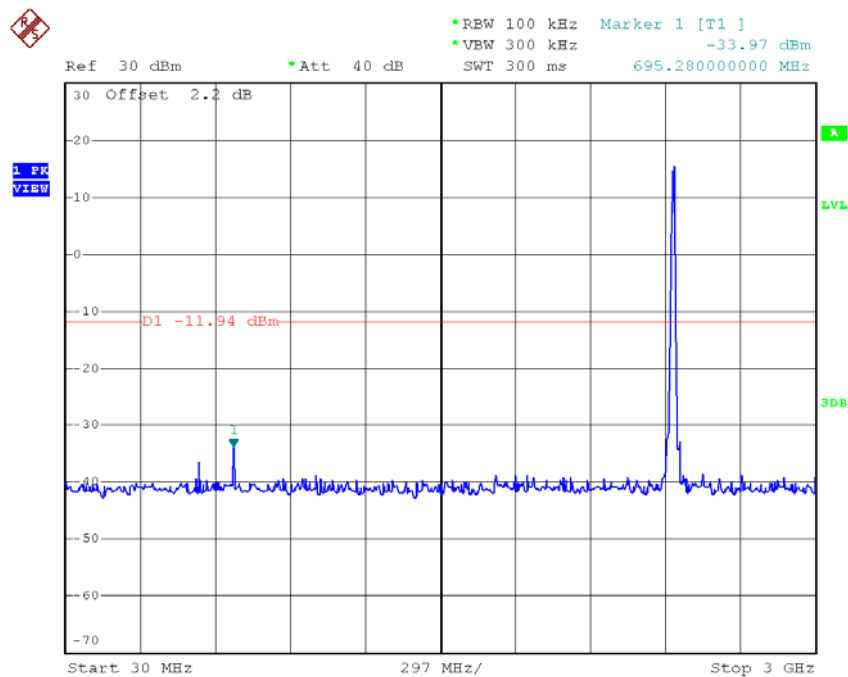


Date: 7.FEB.2018 11:03:33

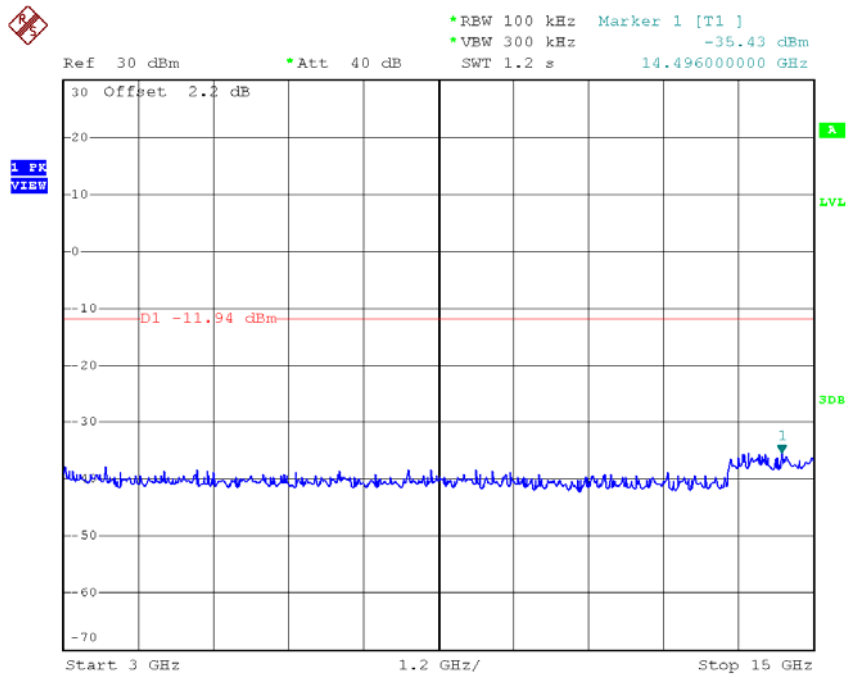


Date: 7.FEB.2018 11:03:42

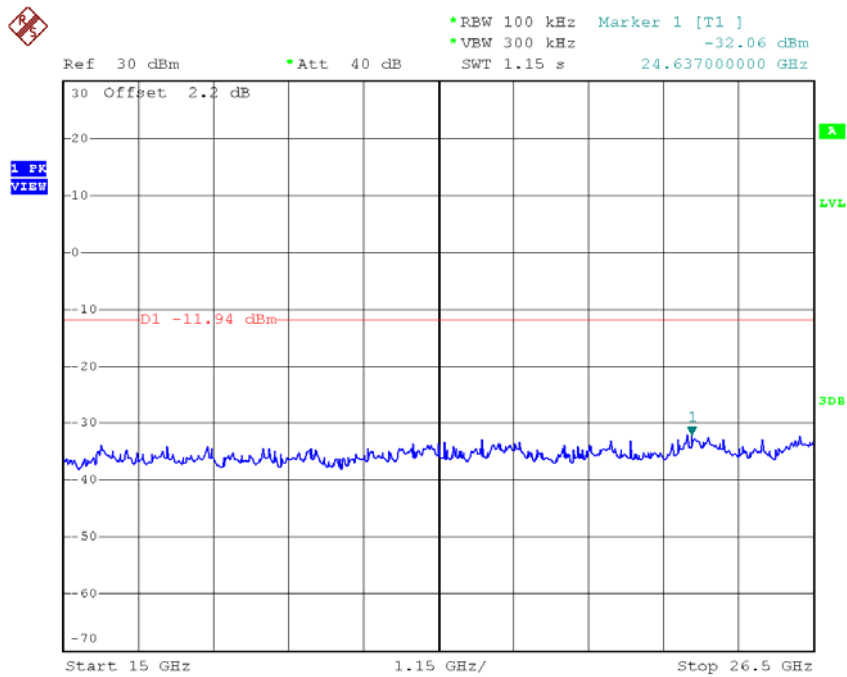
TX B mode CH06 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:31:41

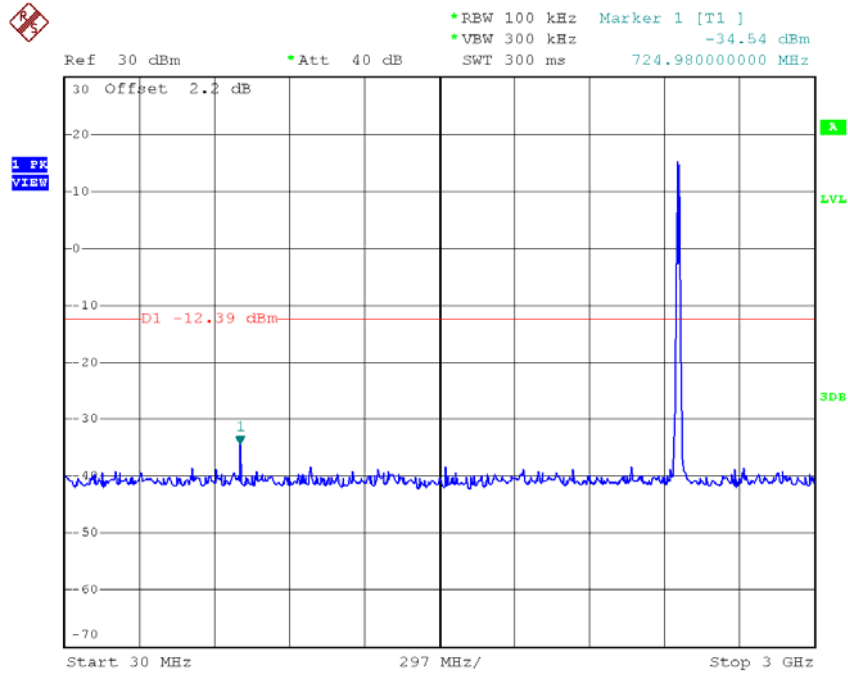


Date: 7.FEB.2018 11:05:08

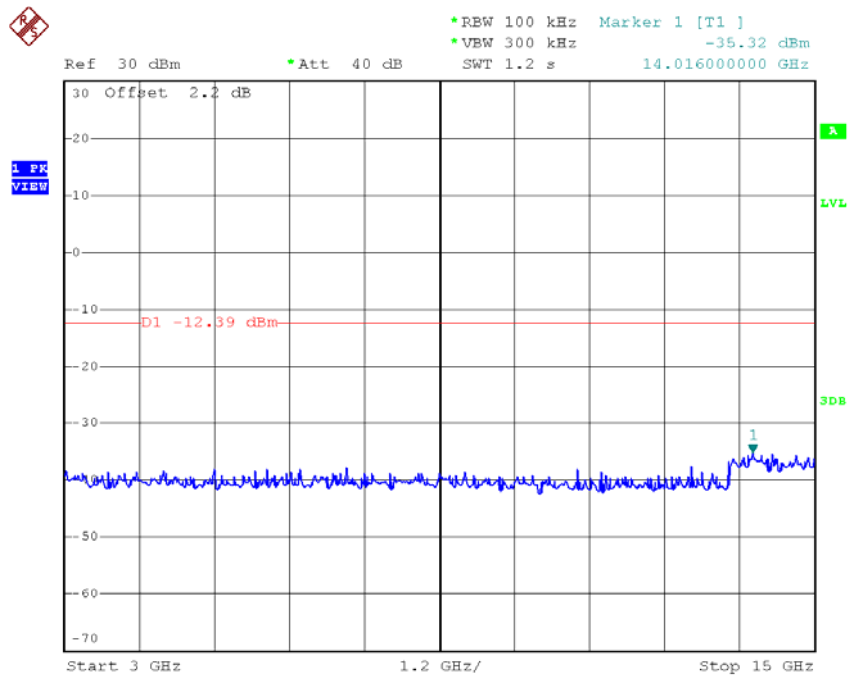


Date: 7.FEB.2018 11:05:17

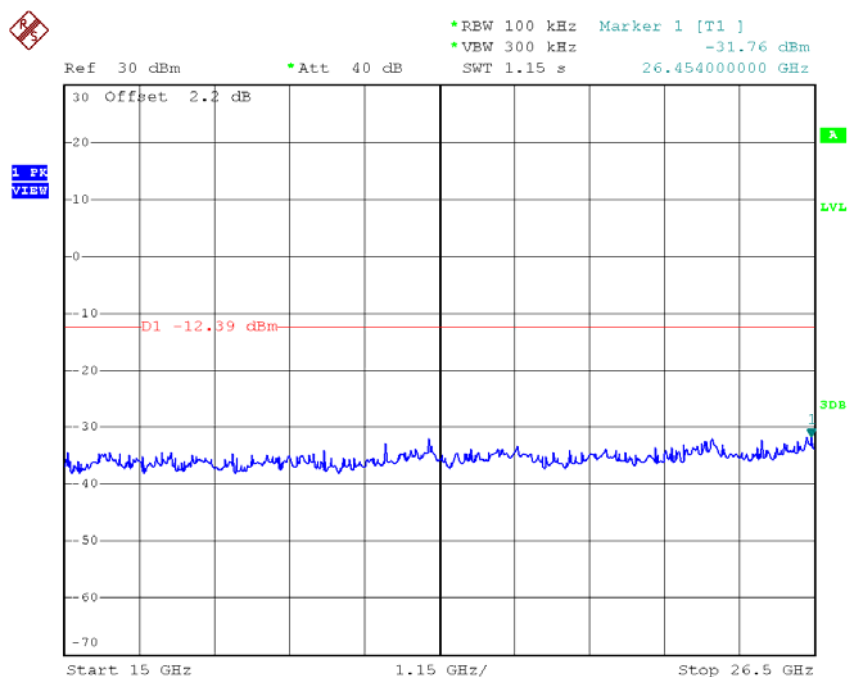
TX B mode CH11 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:32:29



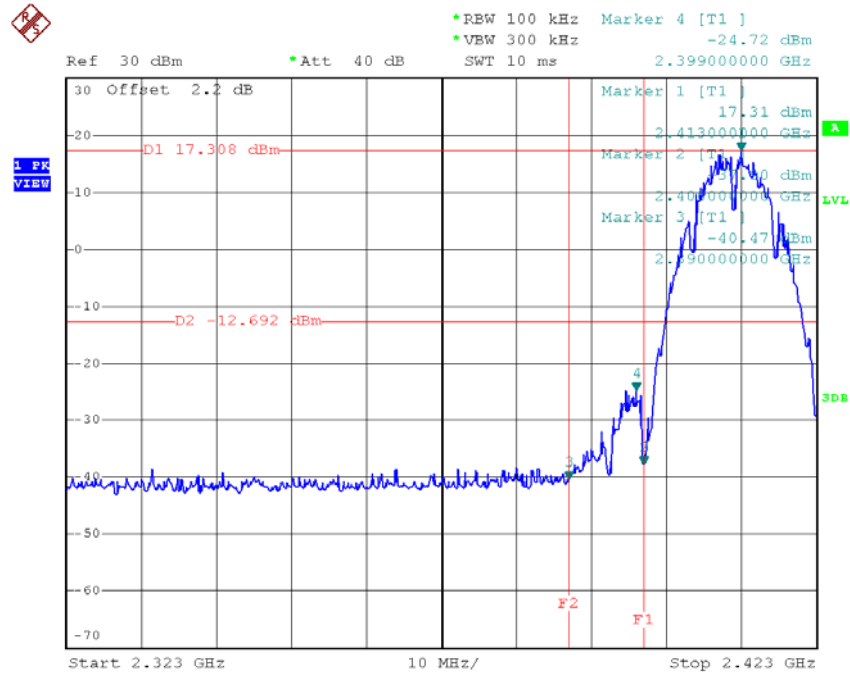
Date: 7.FEB.2018 12:51:58



Date: 7.FEB.2018 12:52:06

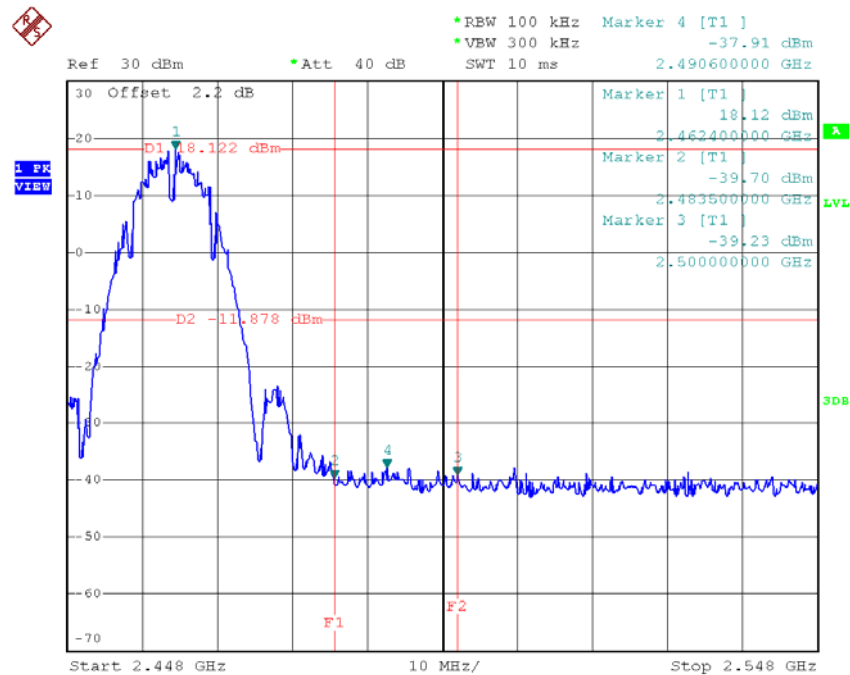
Test Mode : TX B Mode_Ant 2

TX B mode CH01



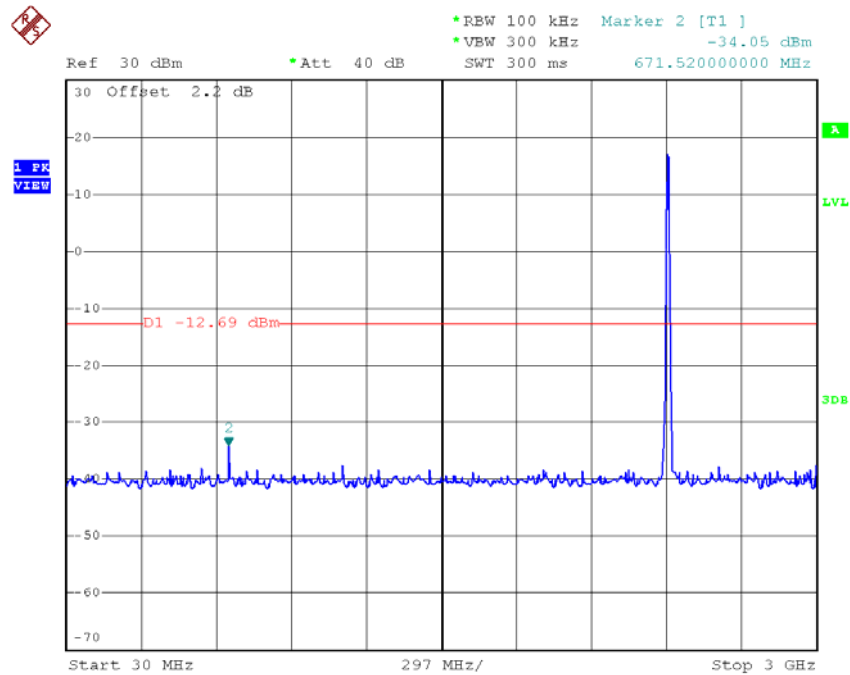
Date: 7.FEB.2018 14:14:48

TX B mode CH11

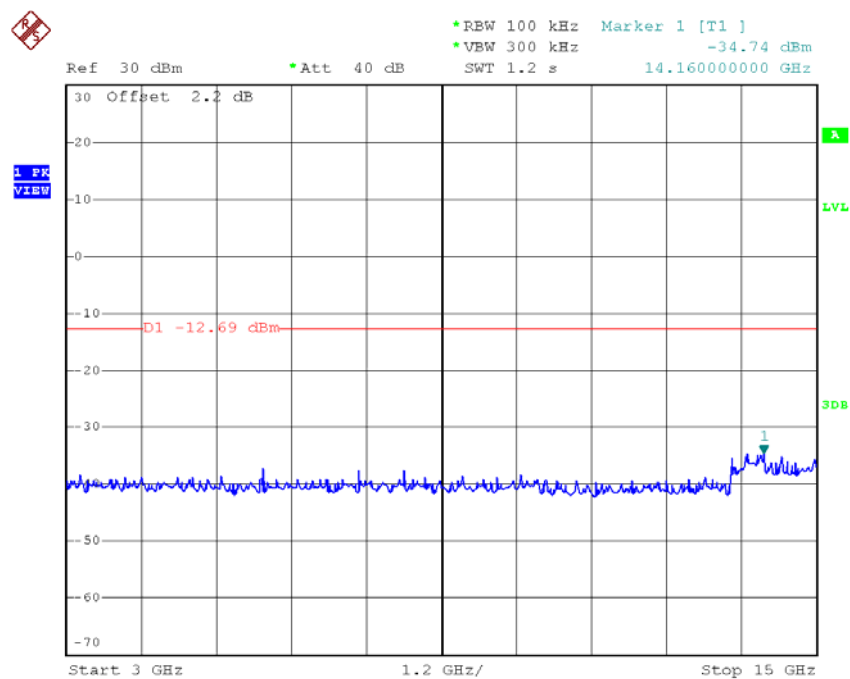


Date: 7.FEB.2018 15:33:57

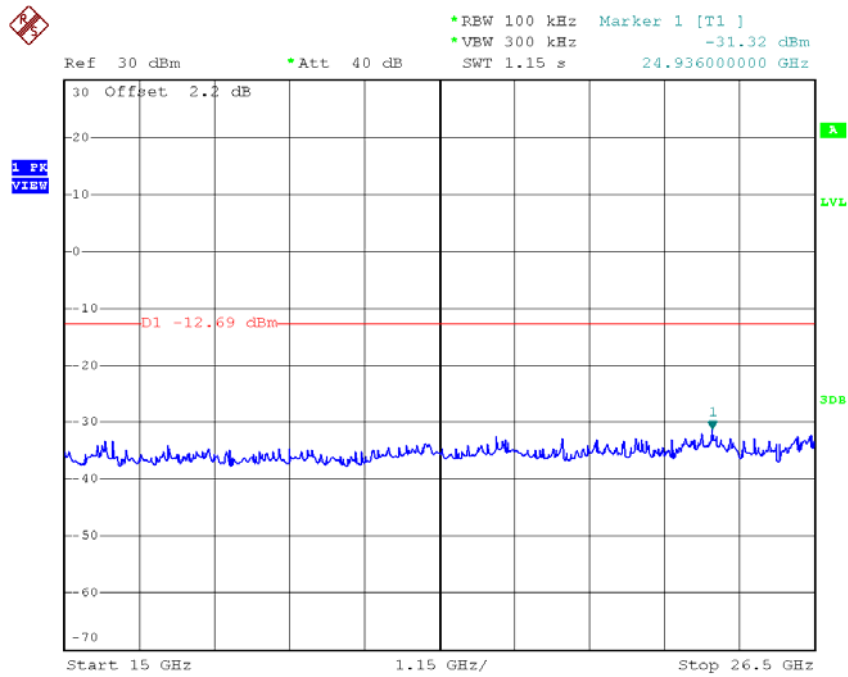
TX B mode CH01 (10 Harmonic of the frequency)



Date: 7.FEB.2018 14:15:47

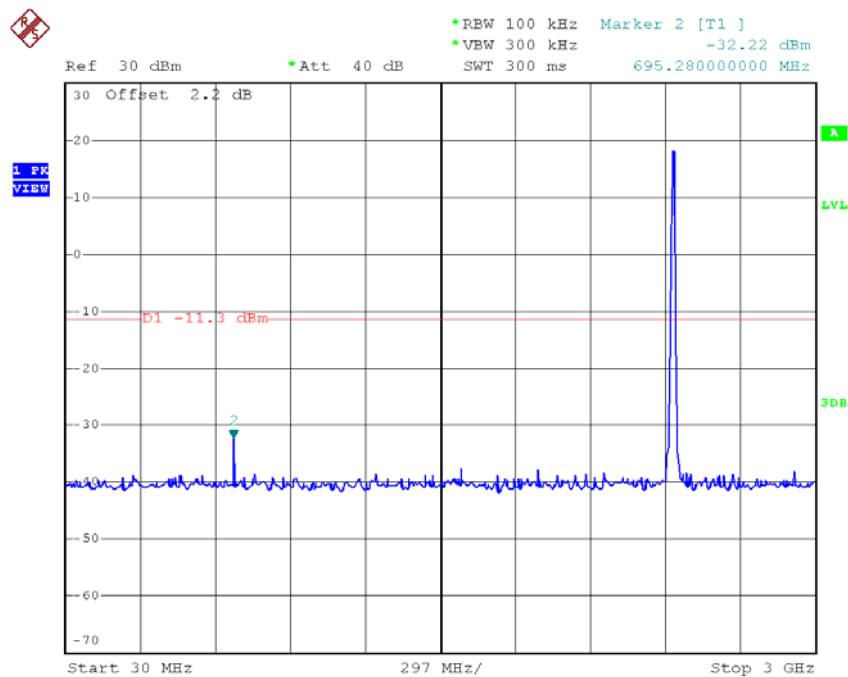


Date: 7.FEB.2018 14:16:33

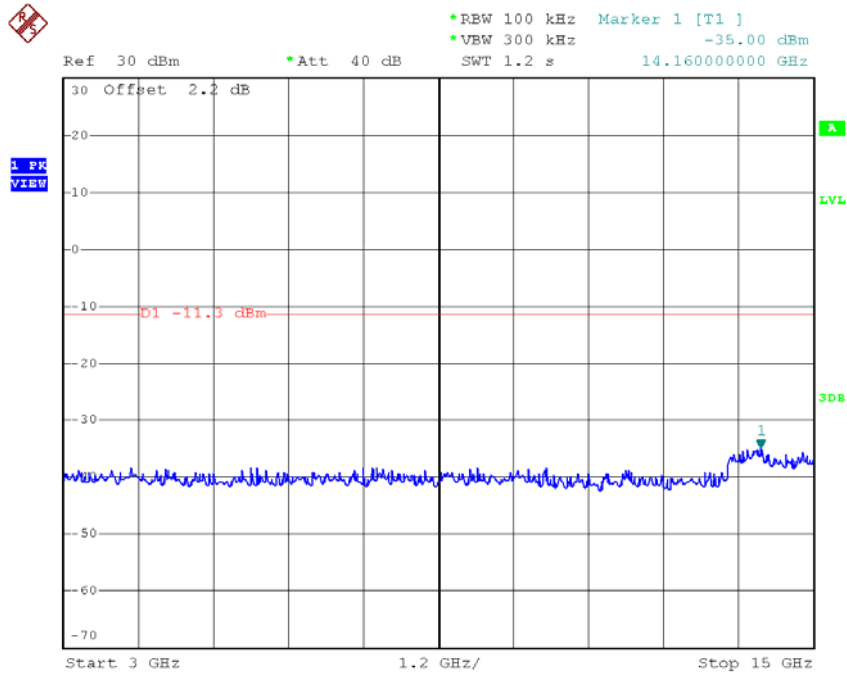


Date: 7.FEB.2018 14:16:43

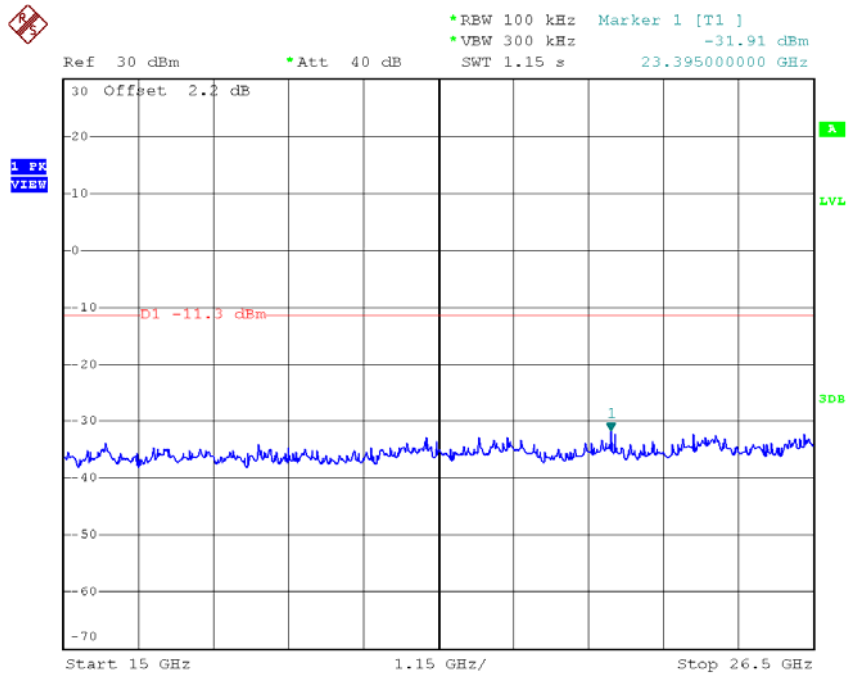
TX B mode CH06 (10 Harmonic of the frequency)



Date: 7.FEB.2018 14:18:49

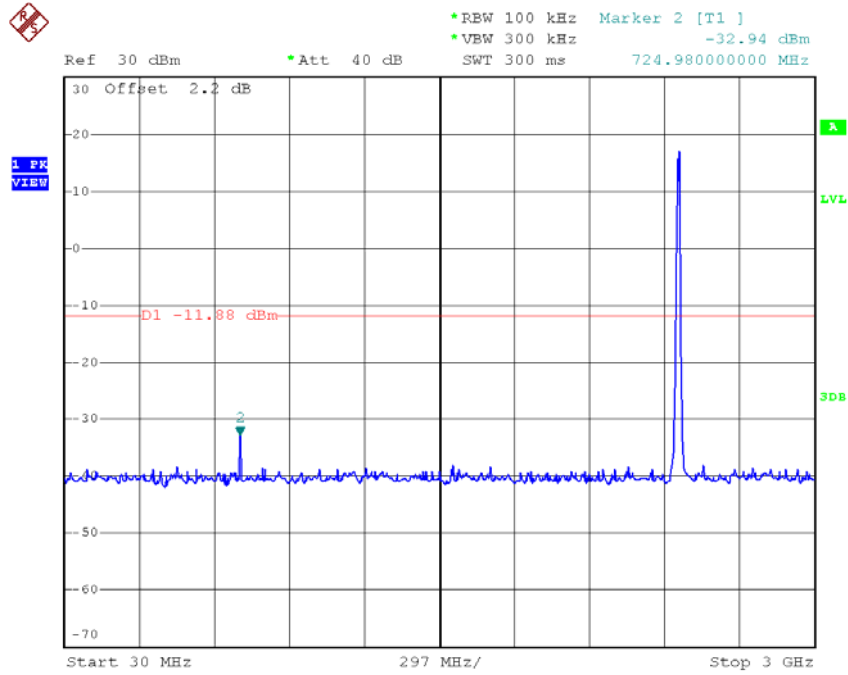


Date: 7.FEB.2018 14:19:09

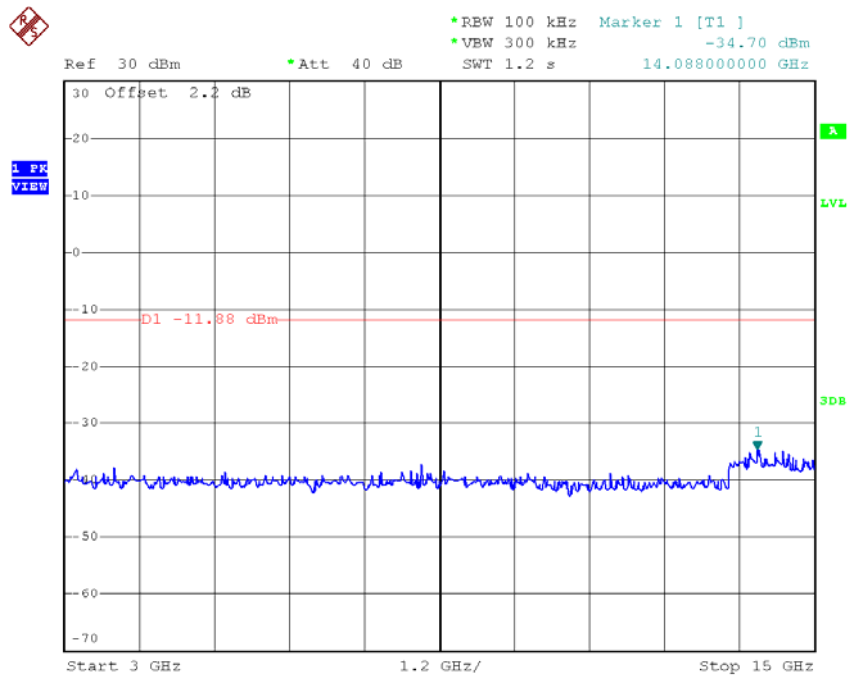


Date: 7.FEB.2018 14:19:18

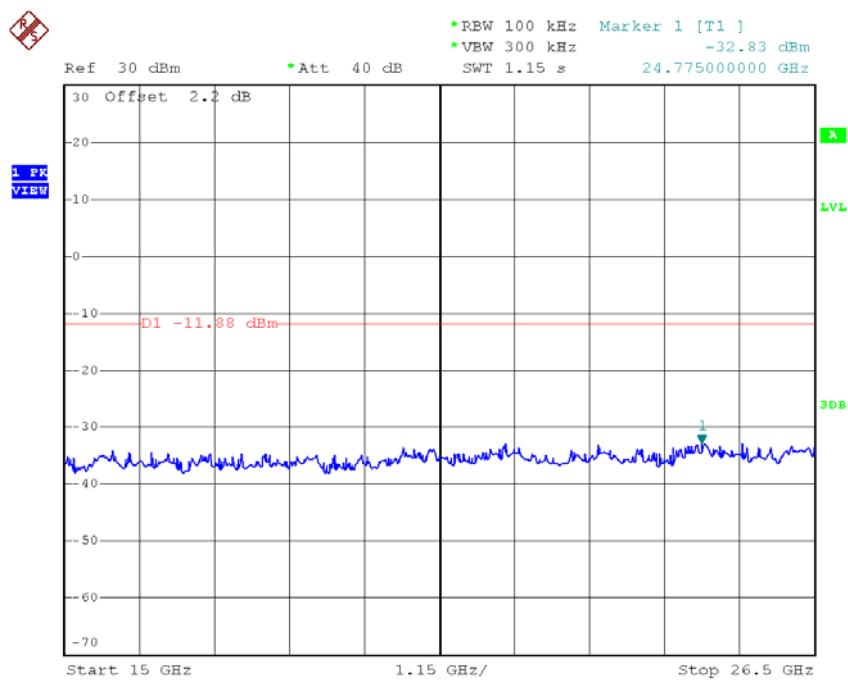
TX B mode CH11 (10 Harmonic of the frequency)



Date: 7.FEB.2018 15:34:22



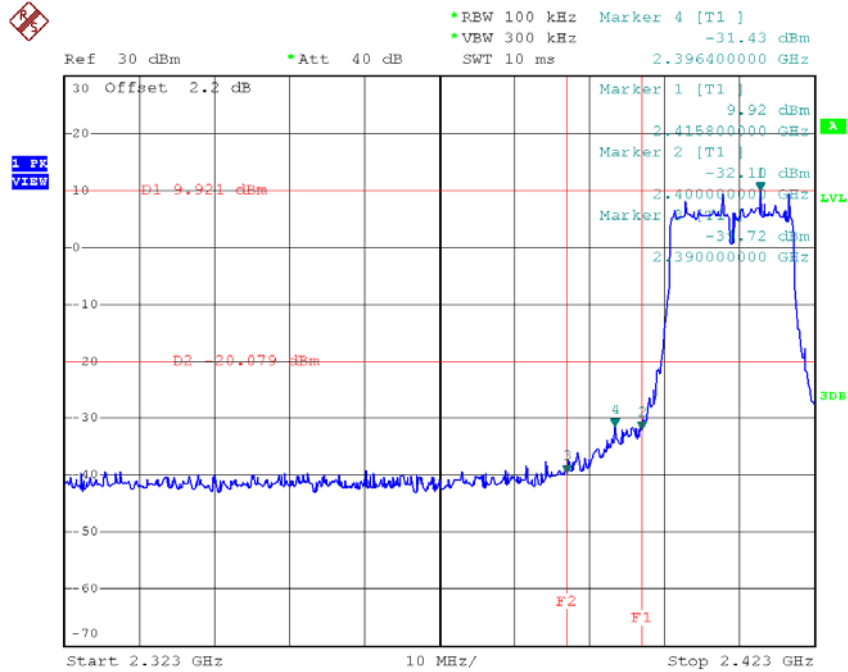
Date: 7.FEB.2018 15:34:41



Date: 7.FEB.2018 15:34:50

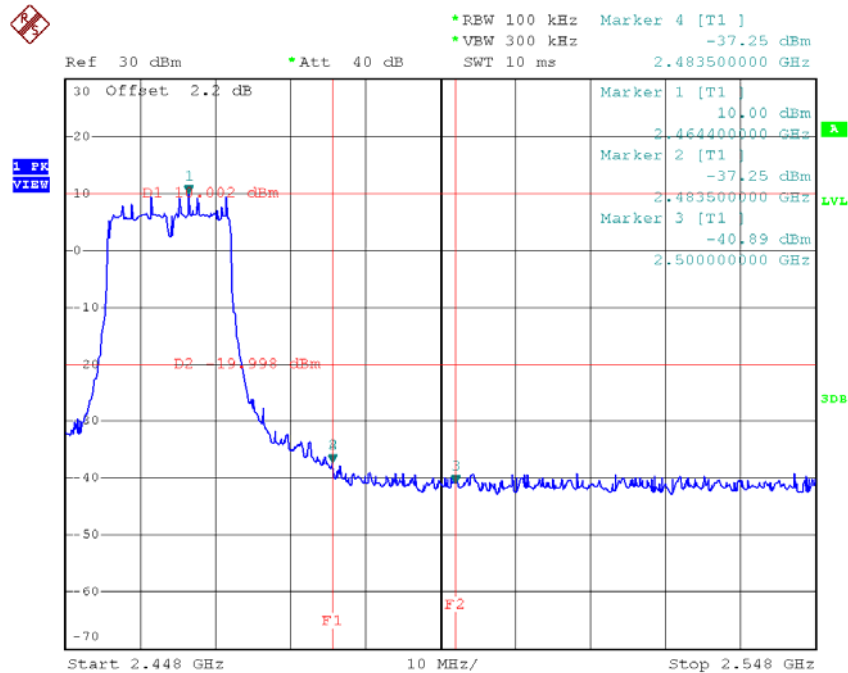
Test Mode : TX G Mode_Ant 1

TX G mode CH01



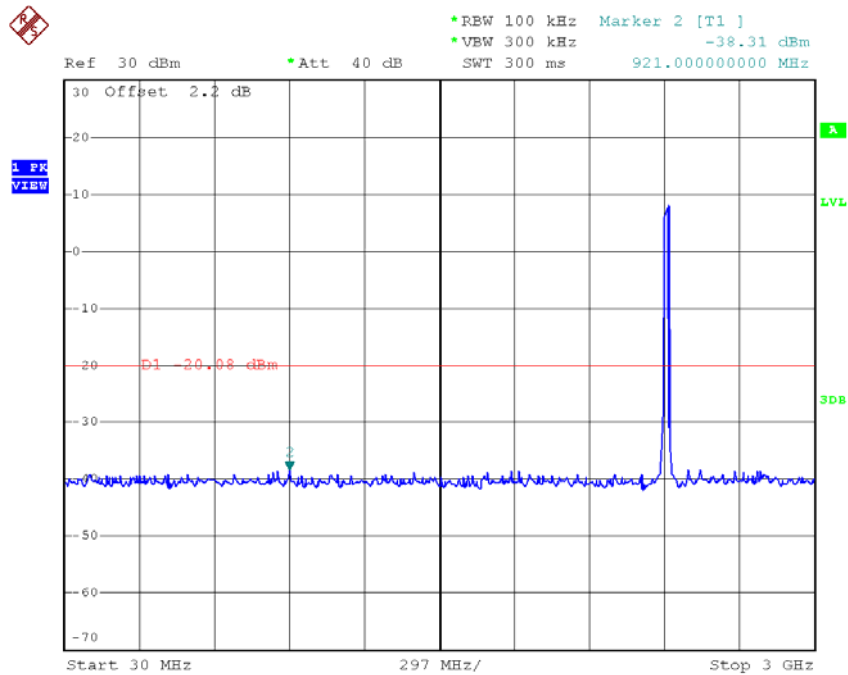
Date: 7.FEB.2018 12:54:30

TX G mode CH11

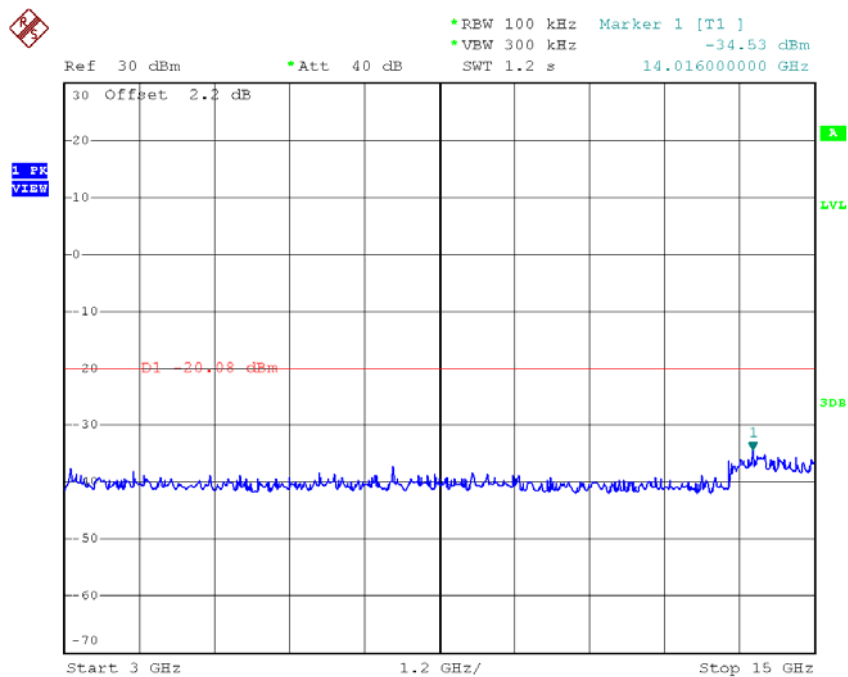


Date: 7.FEB.2018 13:00:23

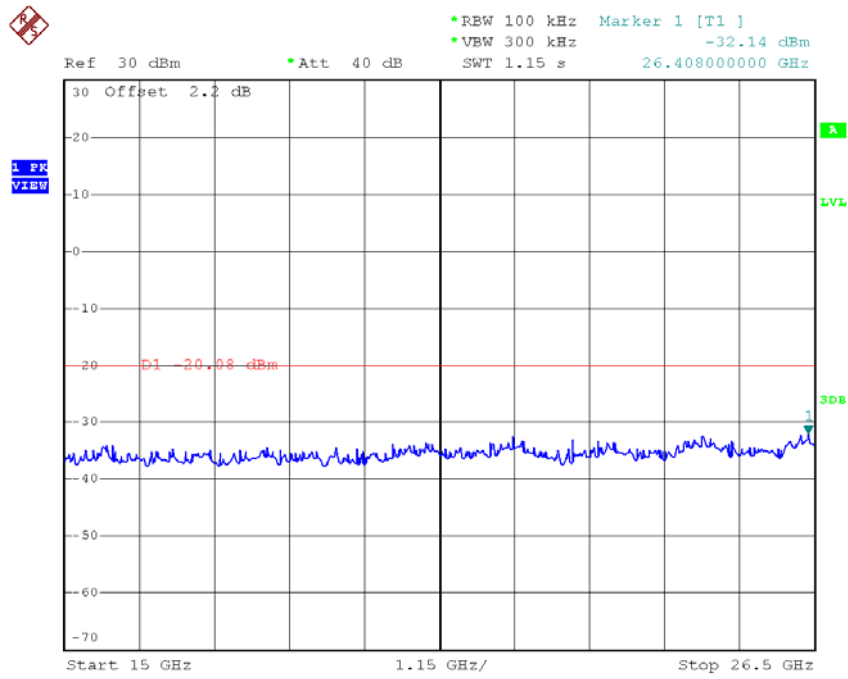
TX G mode CH01 (10 Harmonic of the frequency)



Date: 7.FEB.2018 12:55:21

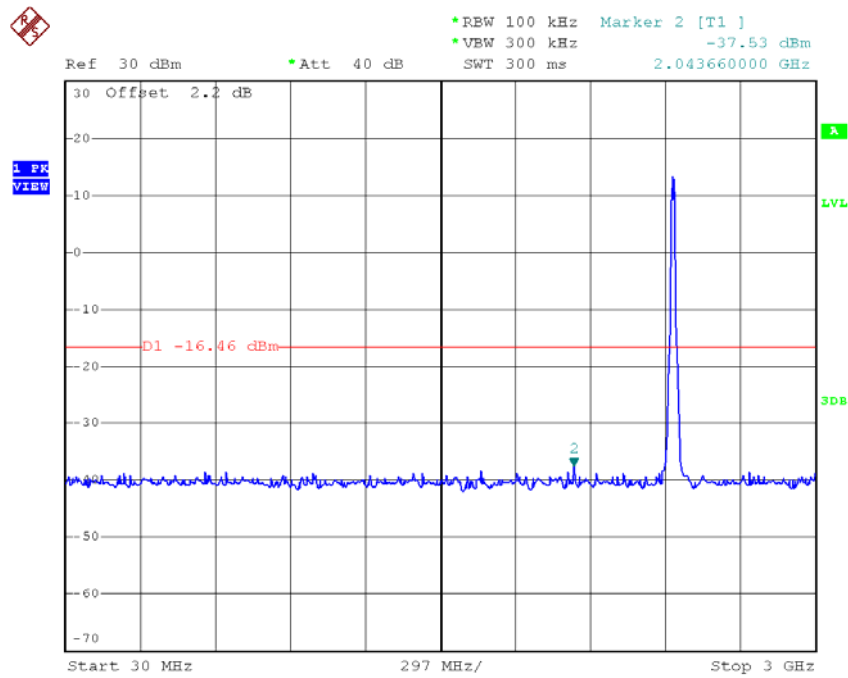


Date: 7.FEB.2018 12:55:31

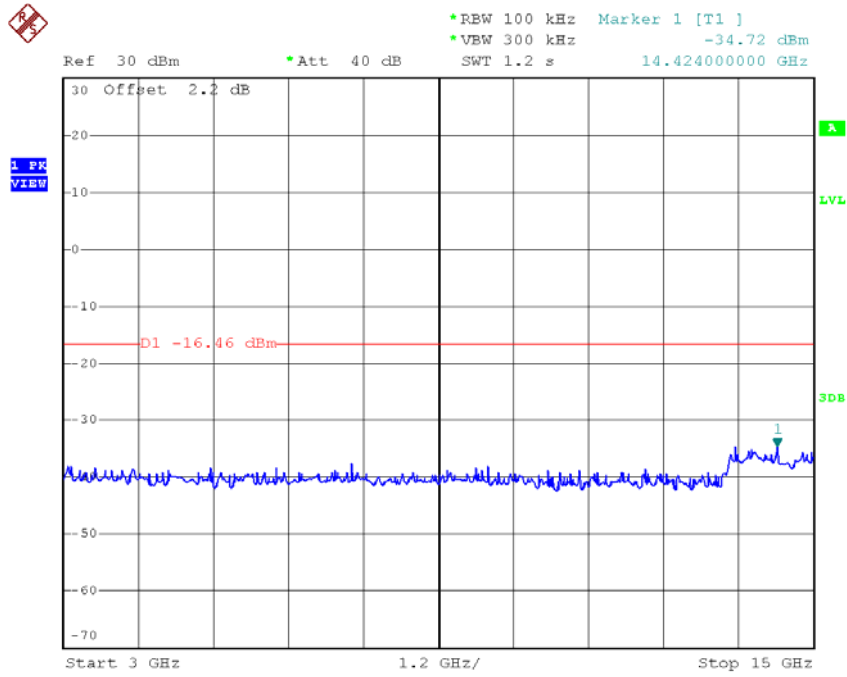


Date: 7.FEB.2018 12:55:40

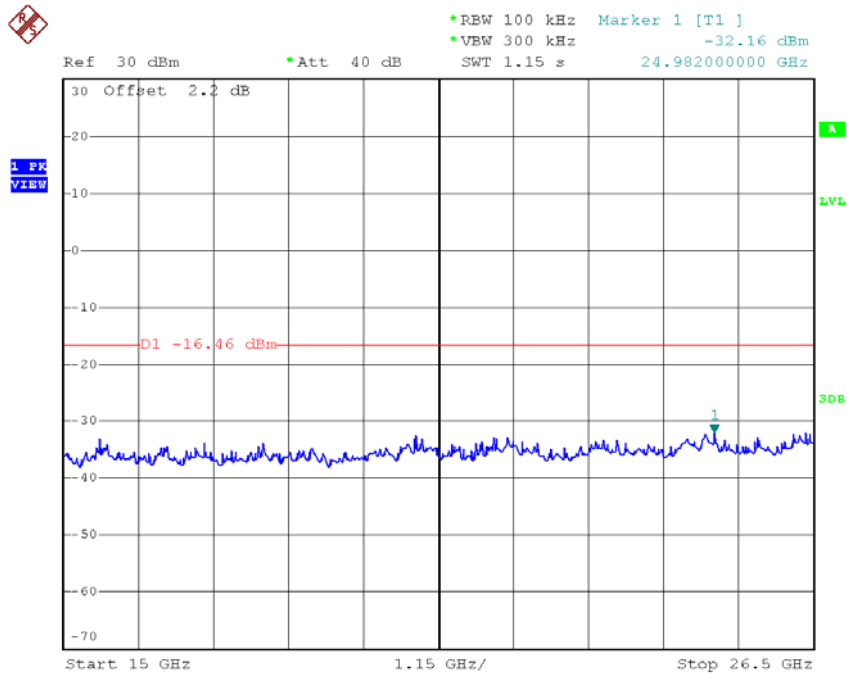
TX G mode CH06 (10 Harmonic of the frequency)



Date: 7.FEB.2018 12:58:40

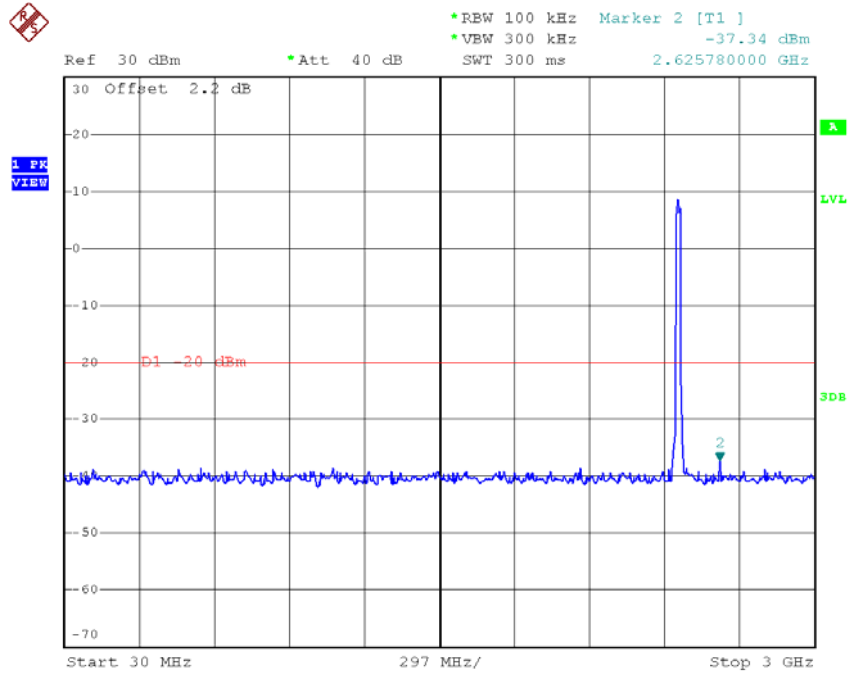


Date: 7.FEB.2018 12:59:18

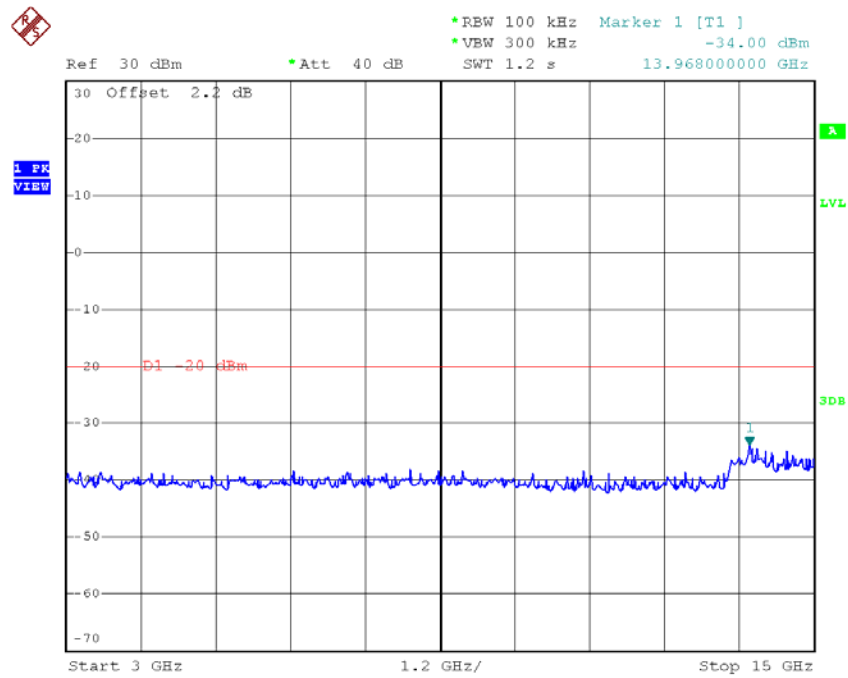


Date: 7.FEB.2018 12:59:27

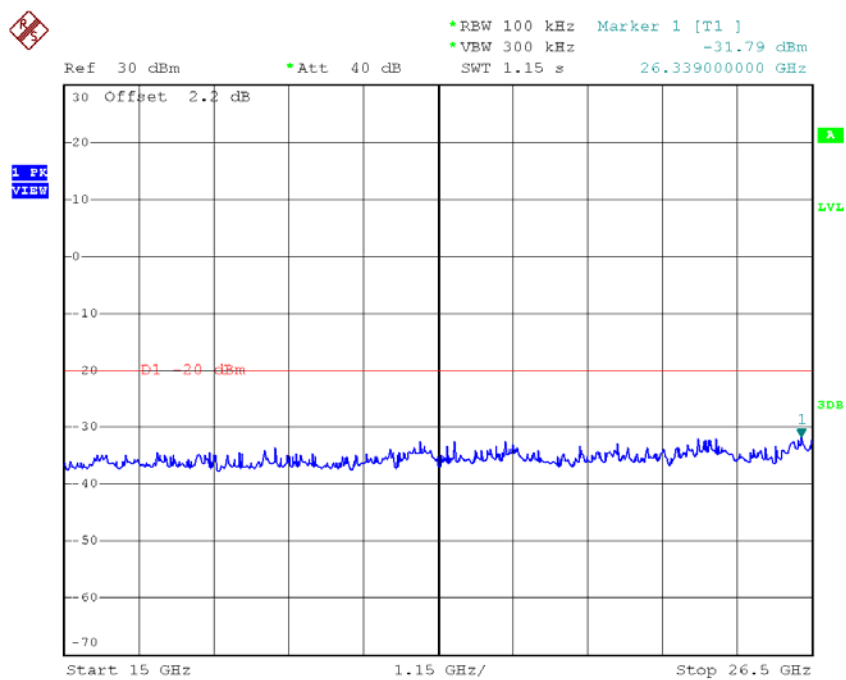
TX G mode CH11 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:00:46



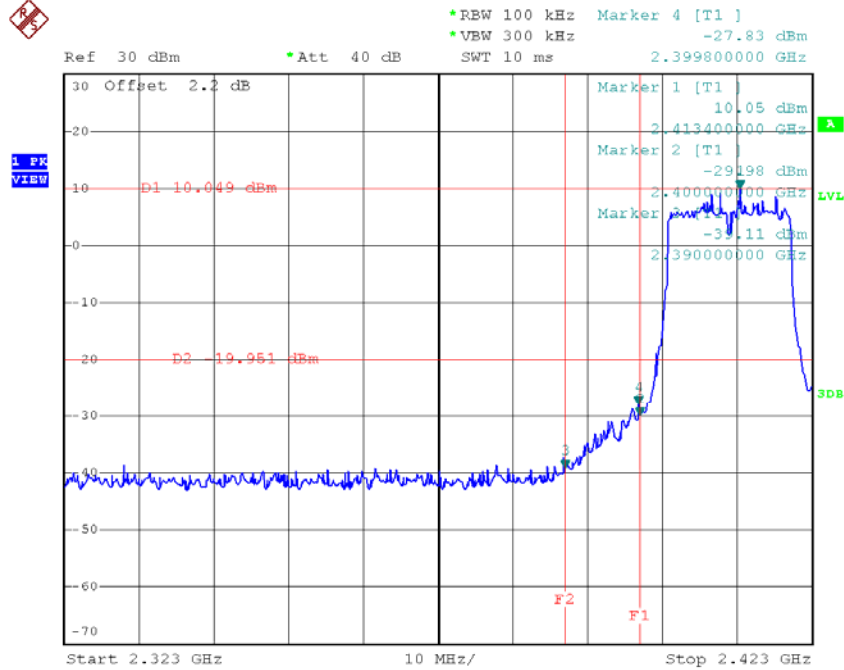
Date: 7.FEB.2018 13:00:57



Date: 7.FEB.2018 13:01:06

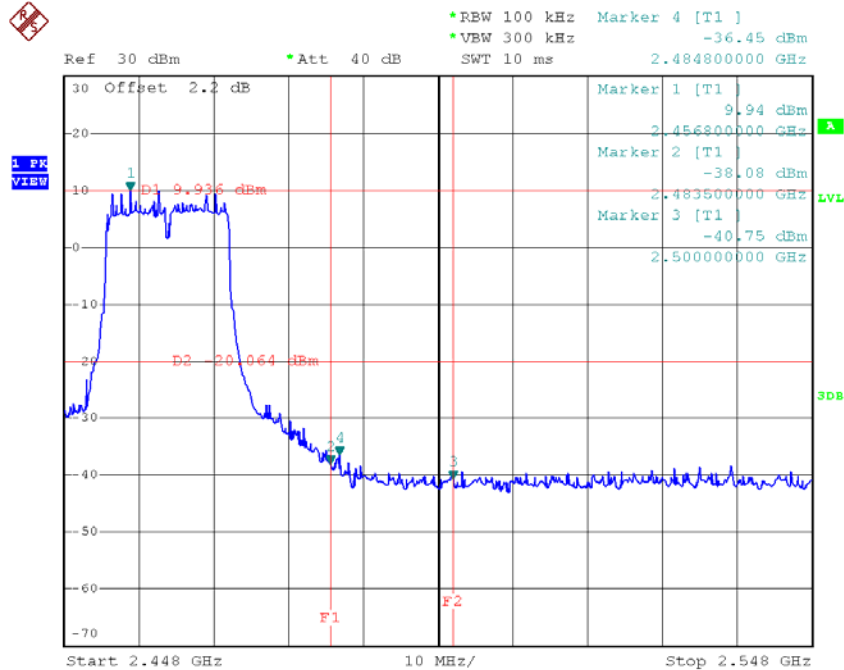
Test Mode : TX G Mode_Ant 2

TX G mode CH01



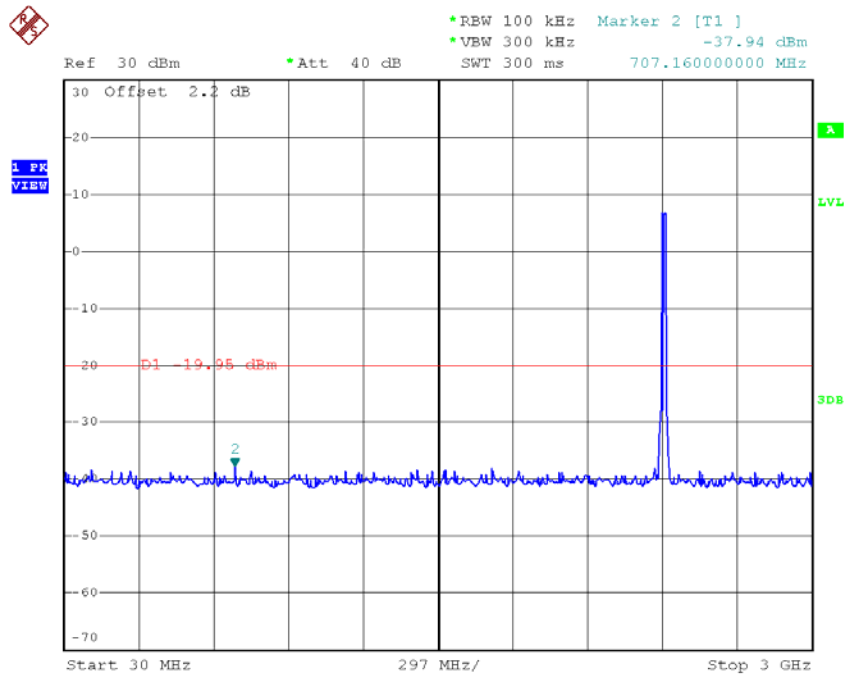
Date: 7.FEB.2018 15:37:06

TX G mode CH11

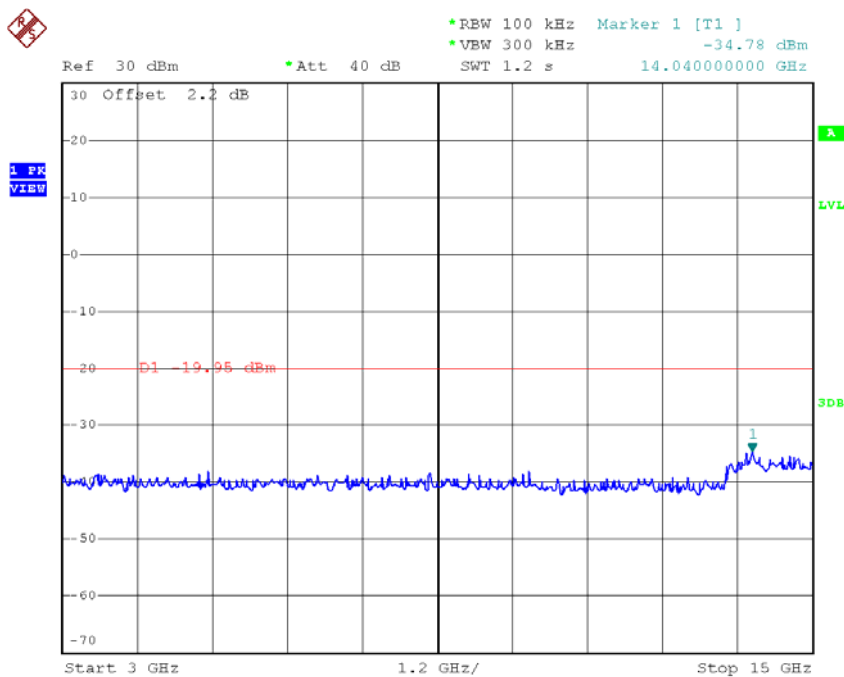


Date: 7.FEB.2018 15:42:01

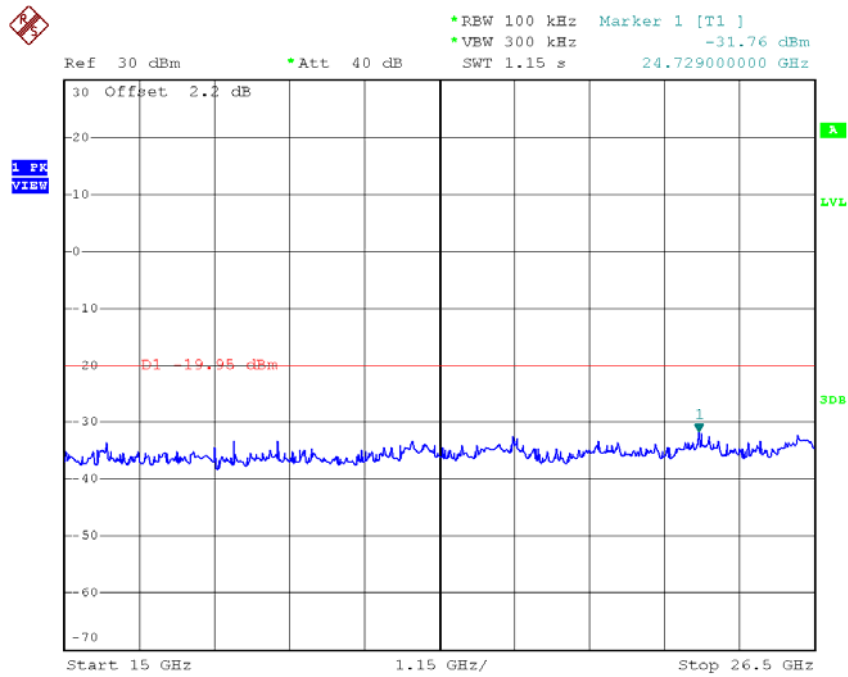
TX G mode CH01 (10 Harmonic of the frequency)



Date: 7.FEB.2018 15:37:33

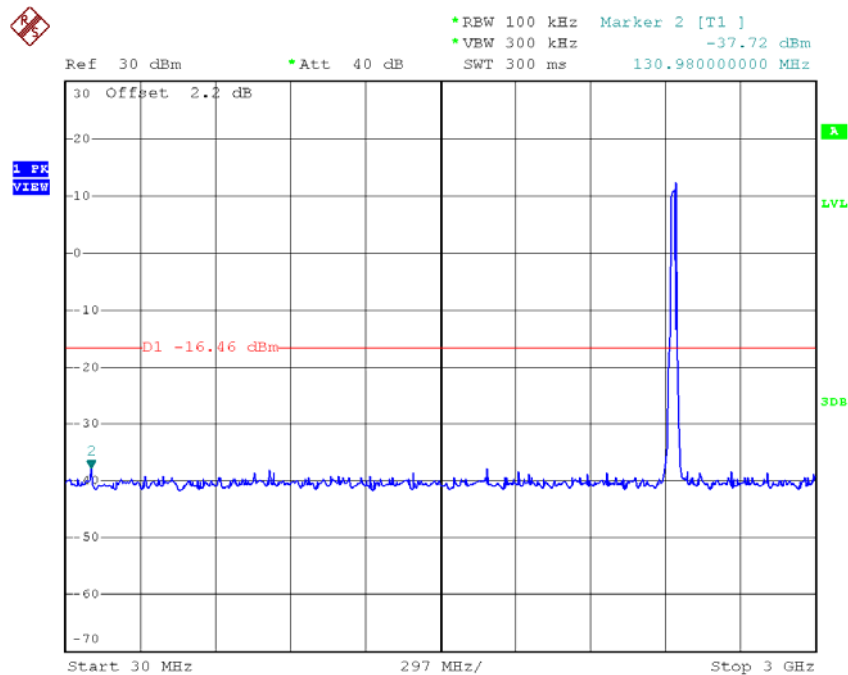


Date: 7.FEB.2018 15:36:25

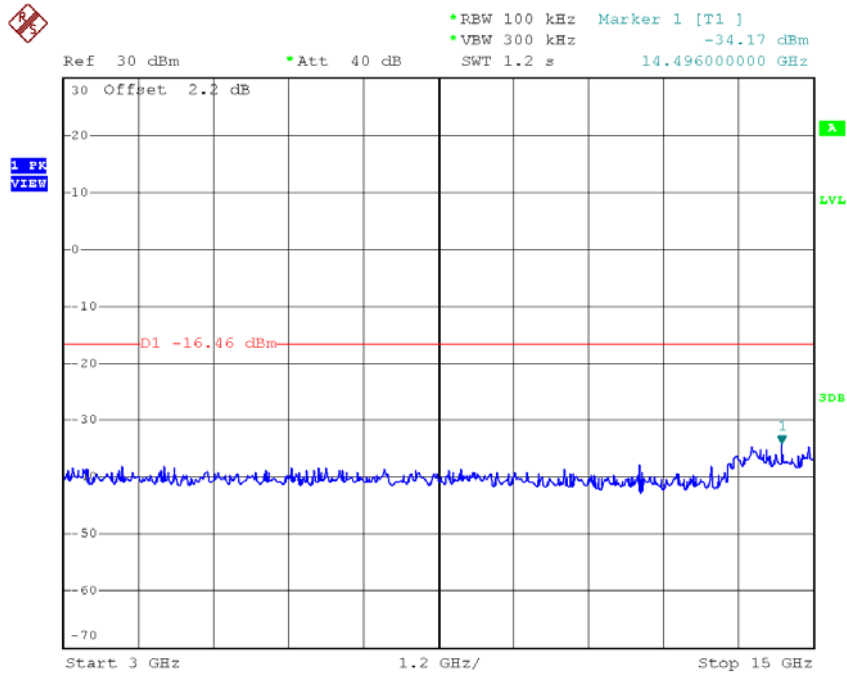


Date: 7.FEB.2018 15:36:33

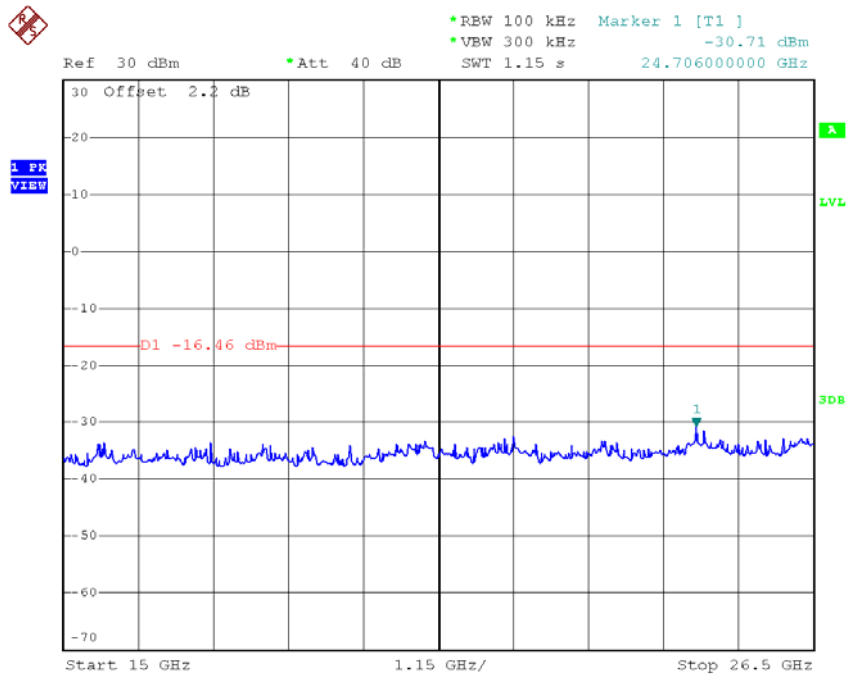
TX G mode CH06 (10 Harmonic of the frequency)



Date: 7.FEB.2018 15:40:29

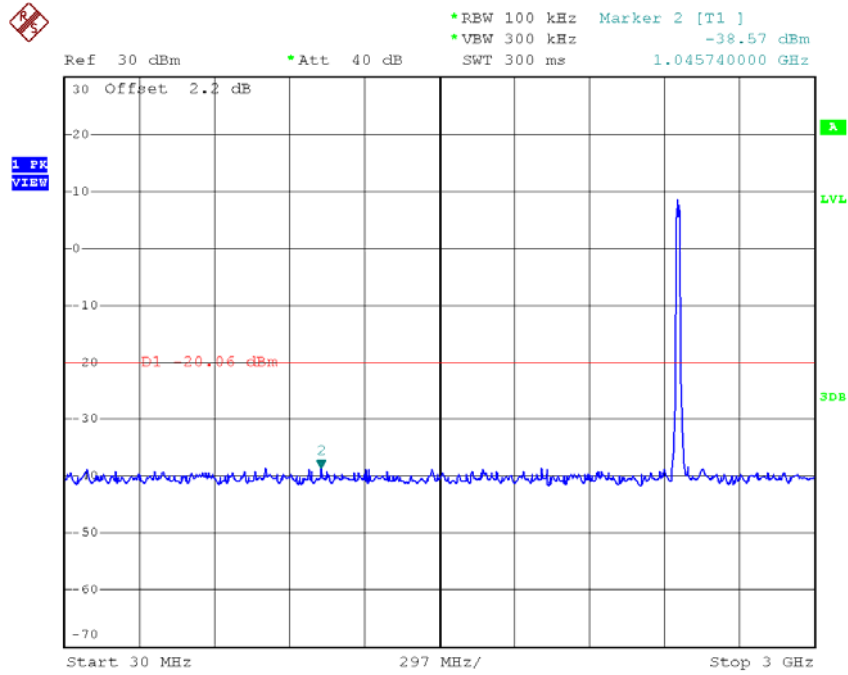


Date: 7.FEB.2018 15:39:23

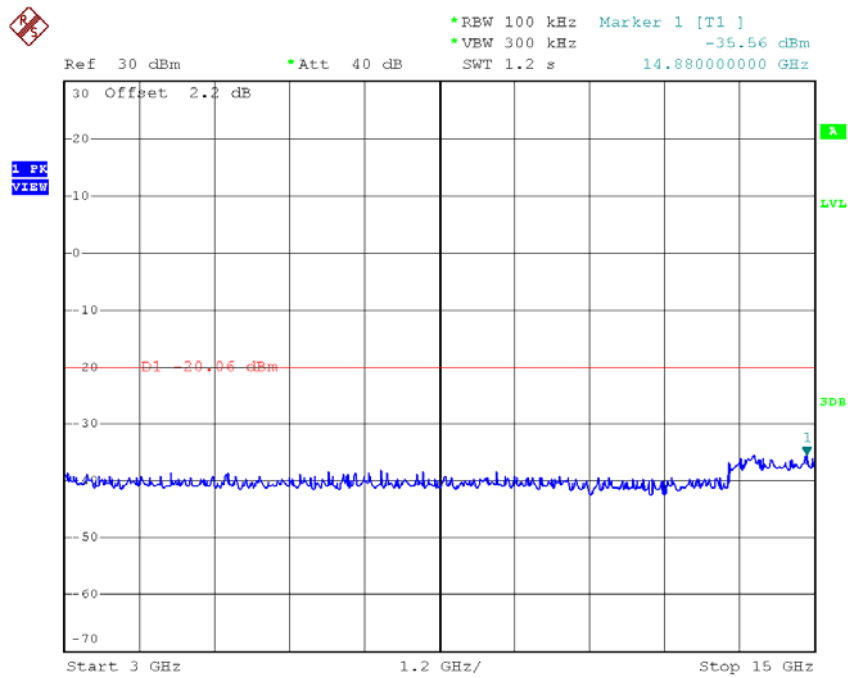


Date: 7.FEB.2018 15:39:32

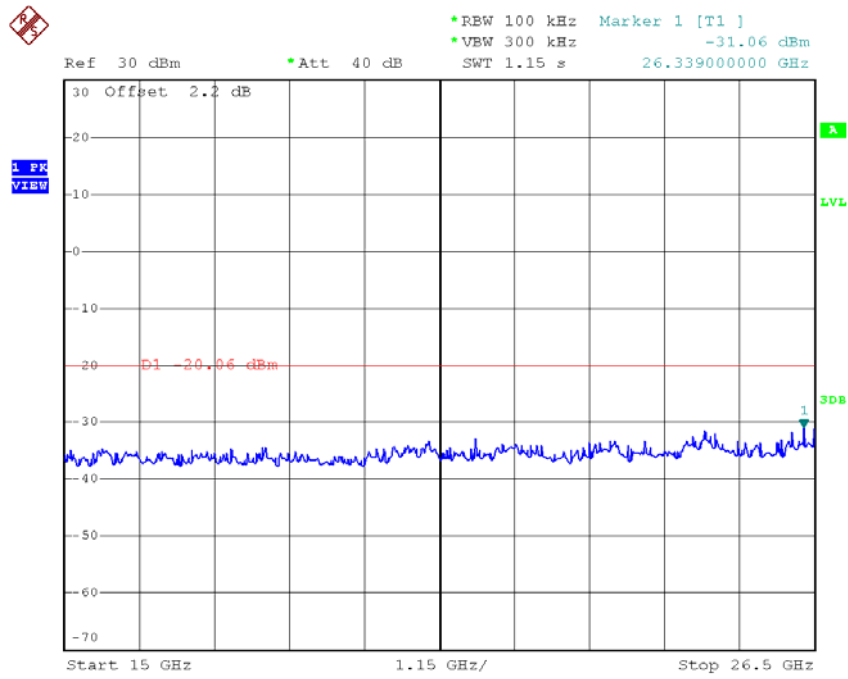
TX G mode CH11 (10 Harmonic of the frequency)



Date: 7.FEB.2018 15:42:28



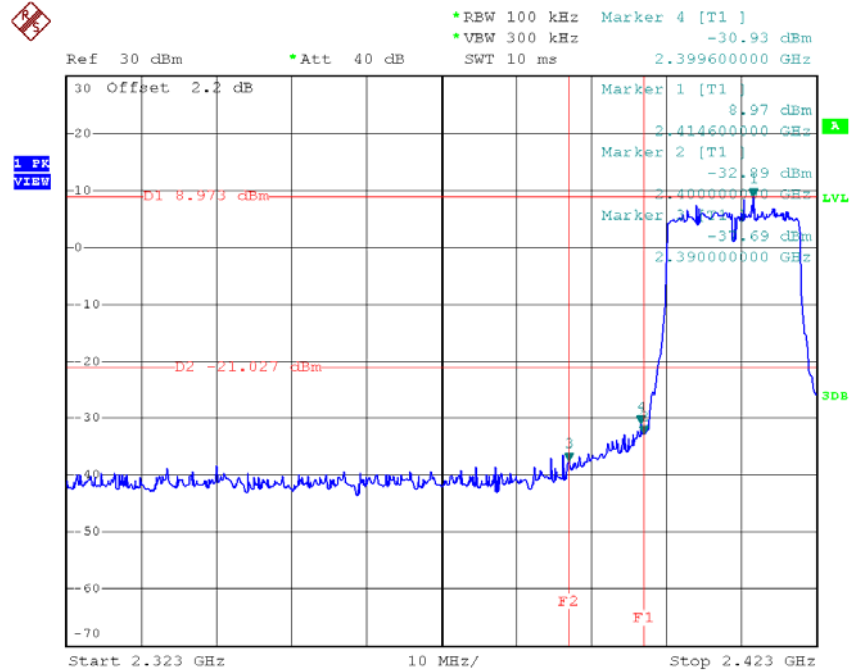
Date: 7.FEB.2018 15:42:47



Date: 7.FEB.2018 15:42:56

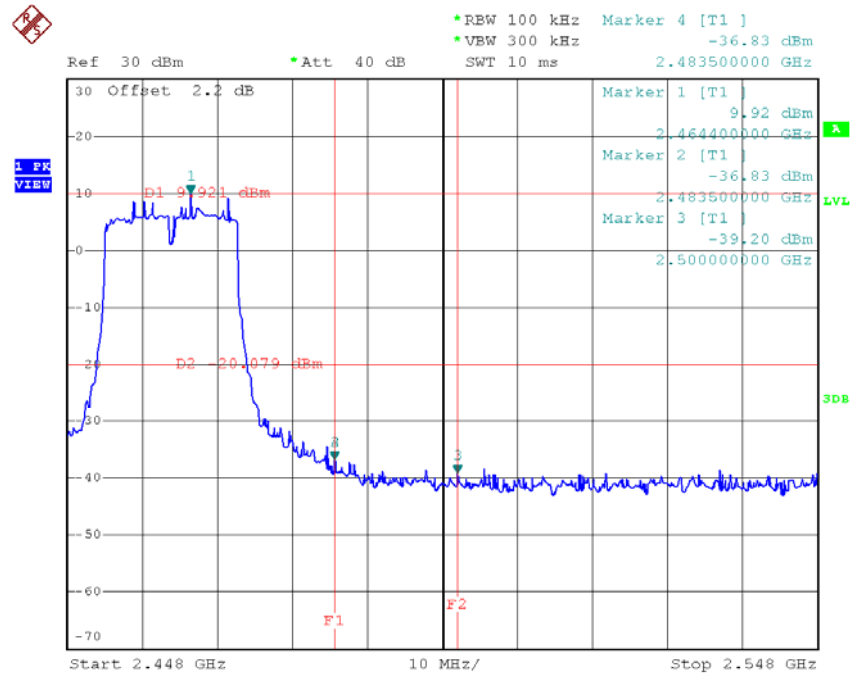
Test Mode : TX N-20M Mode_Ant 1

TX HT20 mode CH01



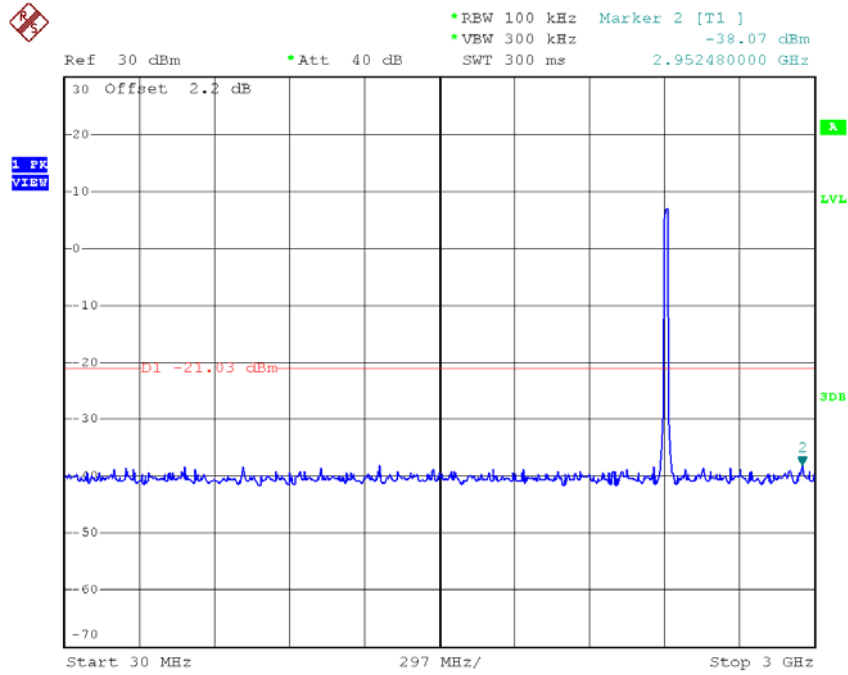
Date: 7.FEB.2018 13:02:40

TX HT20 mode CH11

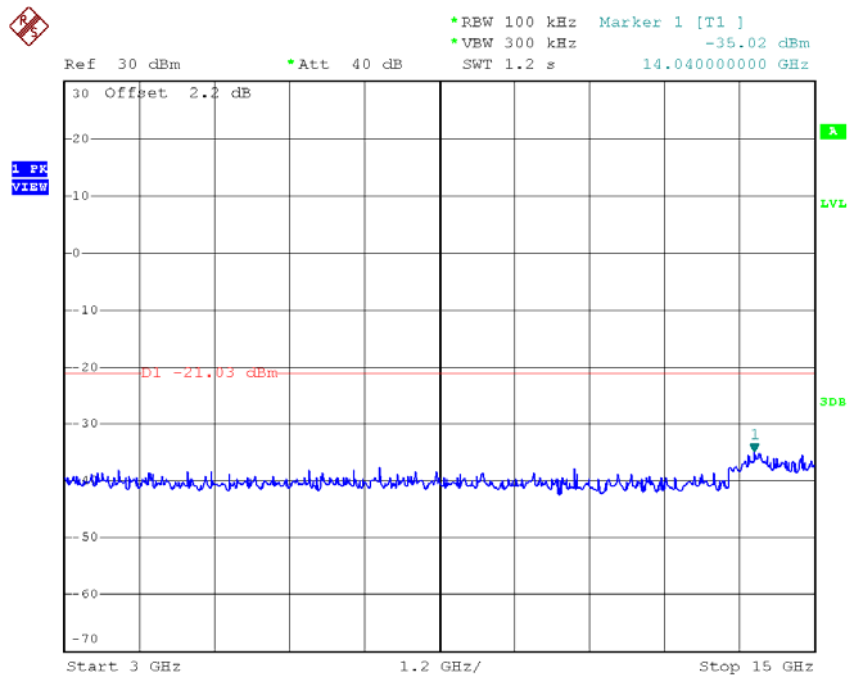


Date: 7.FEB.2018 13:07:36

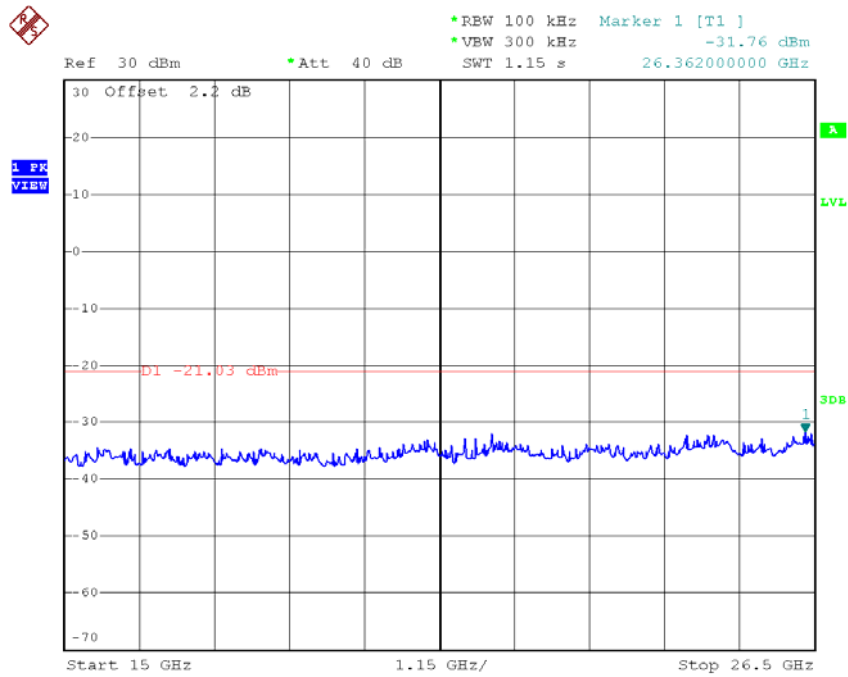
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:03:05

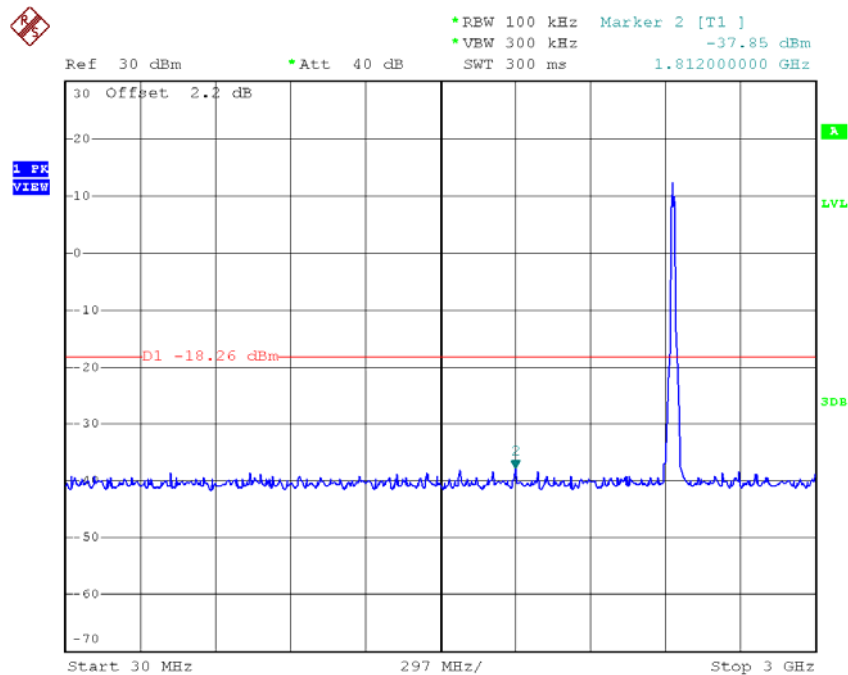


Date: 7.FEB.2018 13:03:14

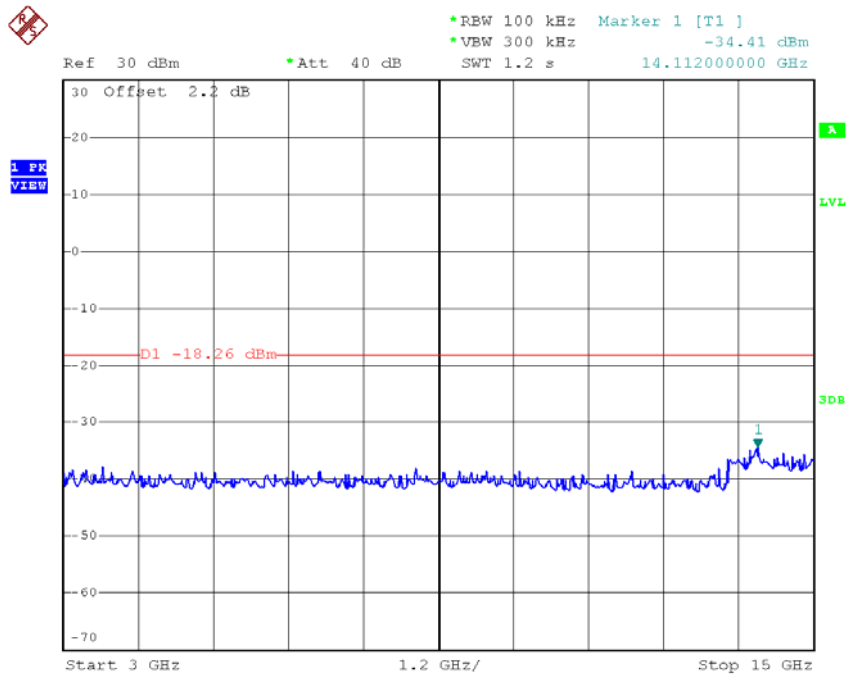


Date: 7.FEB.2018 13:03:23

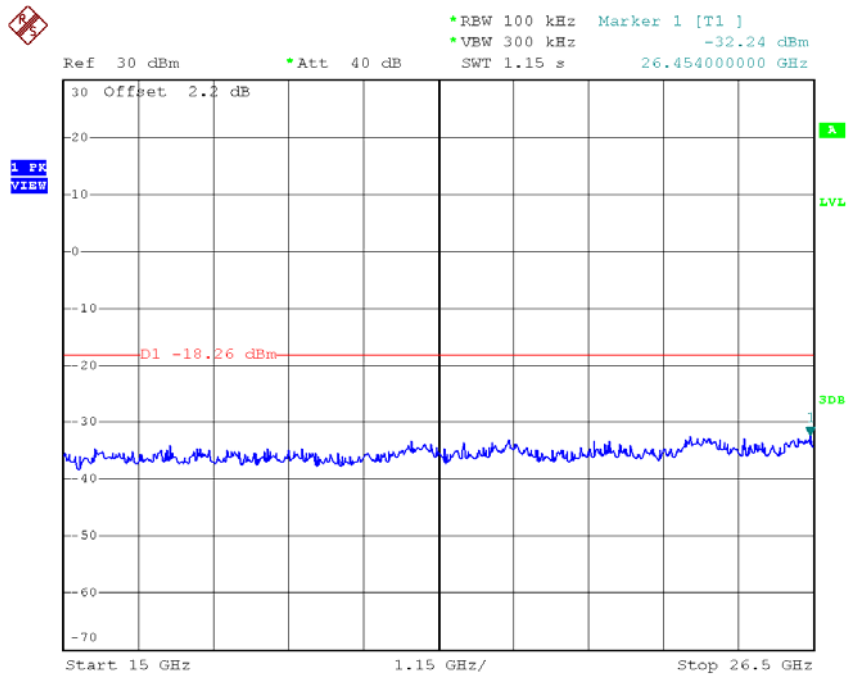
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:06:31

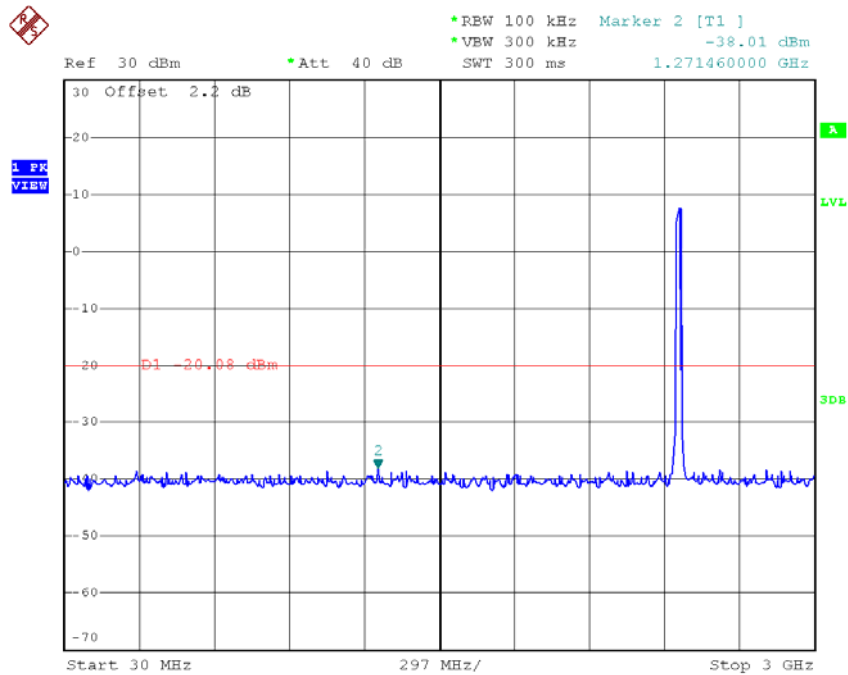


Date: 7.FEB.2018 13:04:36

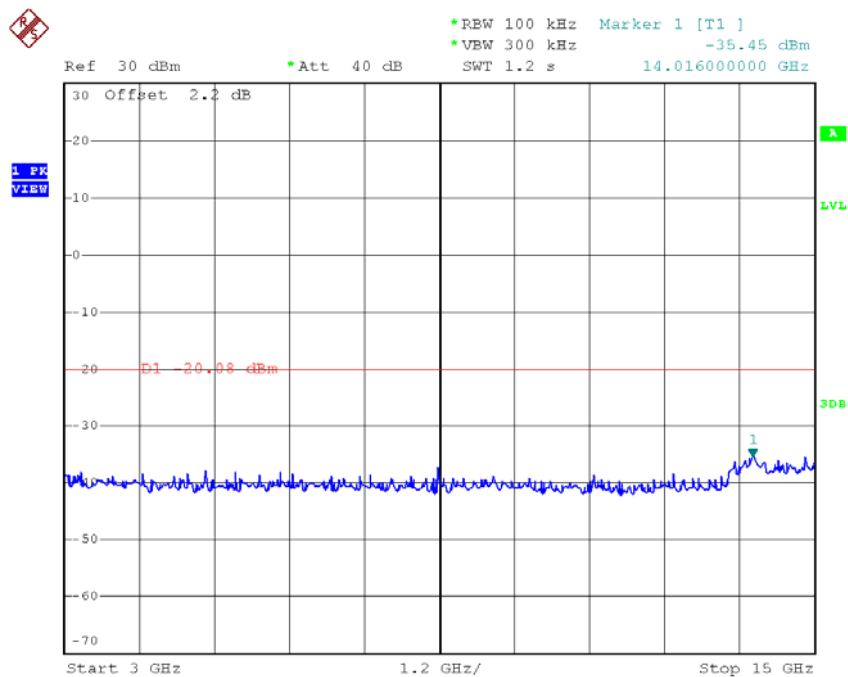


Date: 7.FEB.2018 13:04:45

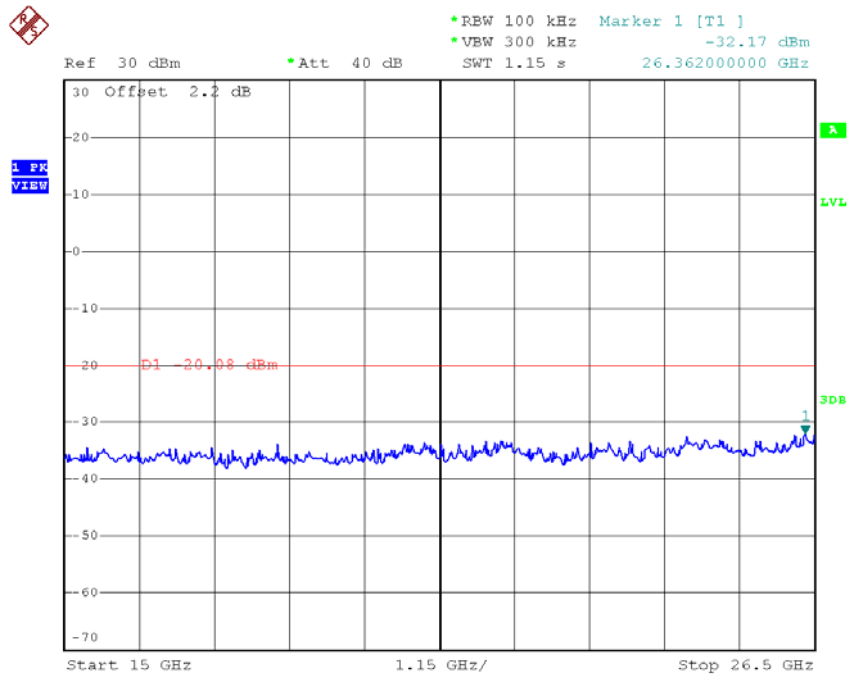
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:08:02



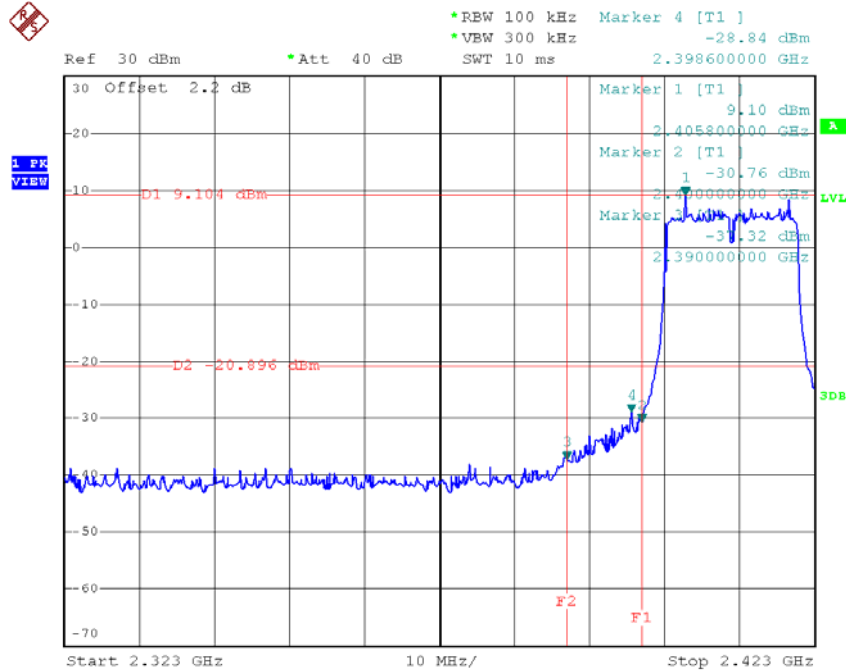
Date: 7.FEB.2018 13:08:13



Date: 7.FEB.2018 13:08:22

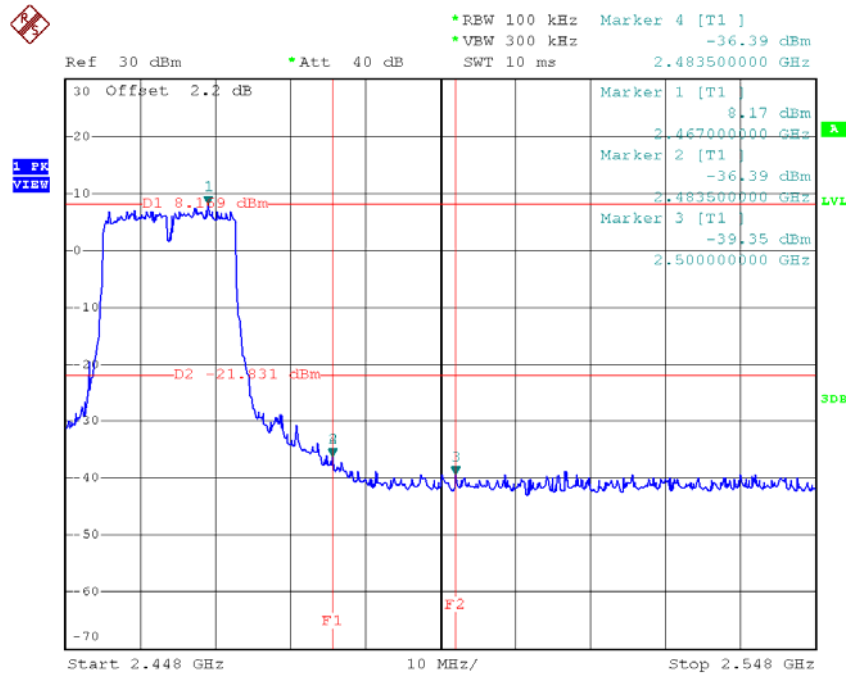
Test Mode : TX N-20M Mode_Ant 2

TX HT20 mode CH01



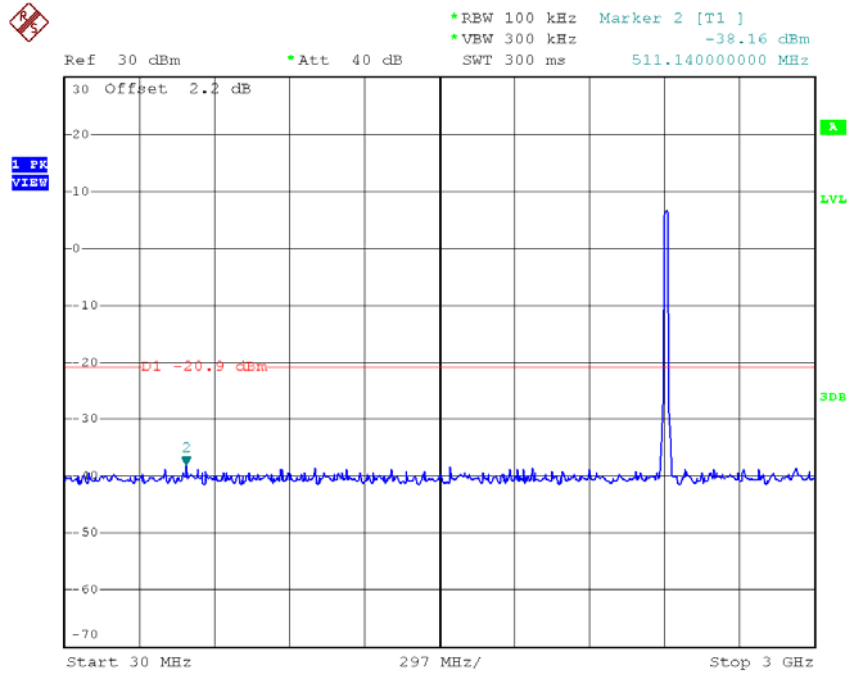
Date: 7.FEB.2018 15:44:02

TX HT20 mode CH11

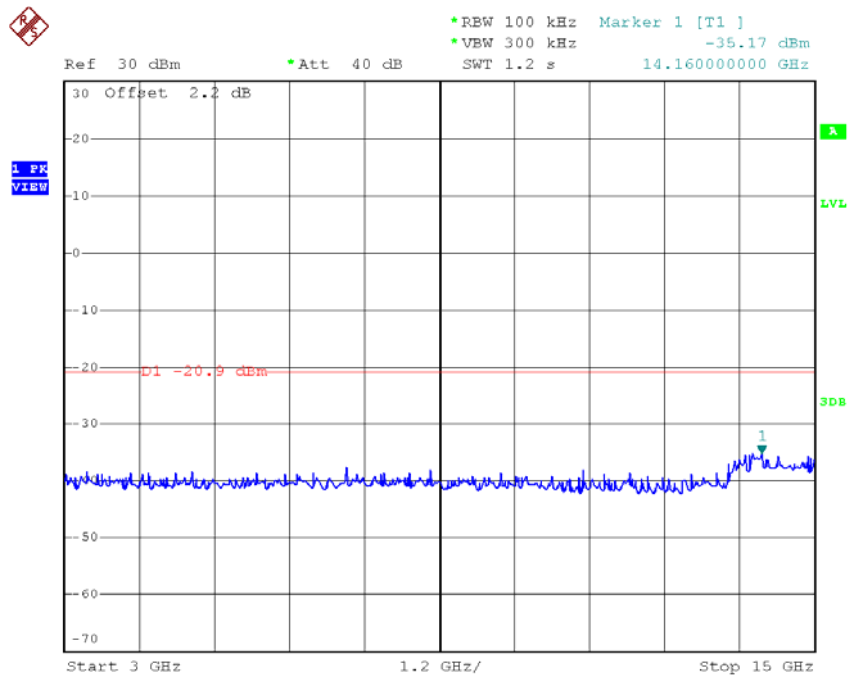


Date: 7.FEB.2018 16:08:42

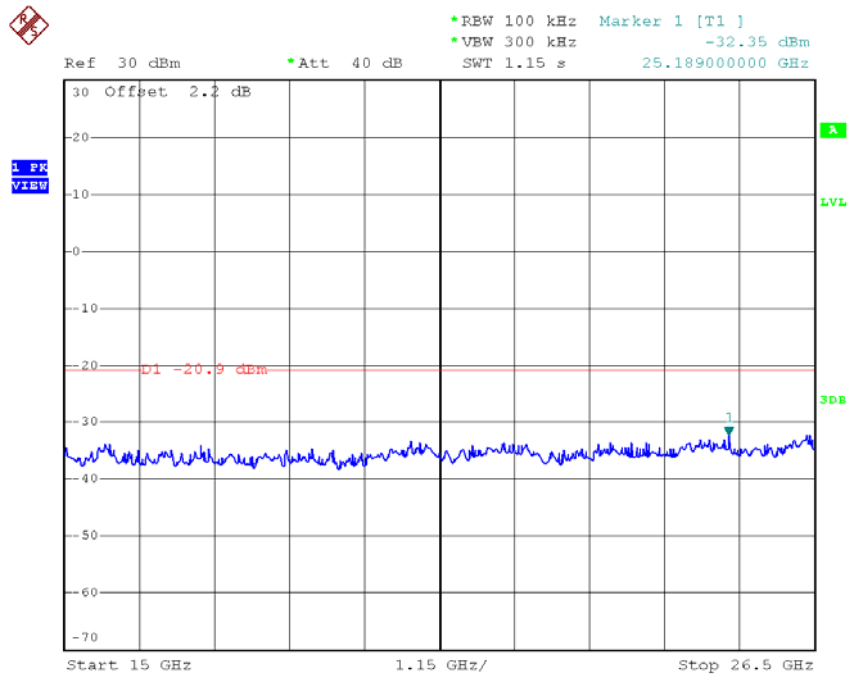
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 7.FEB.2018 15:44:30

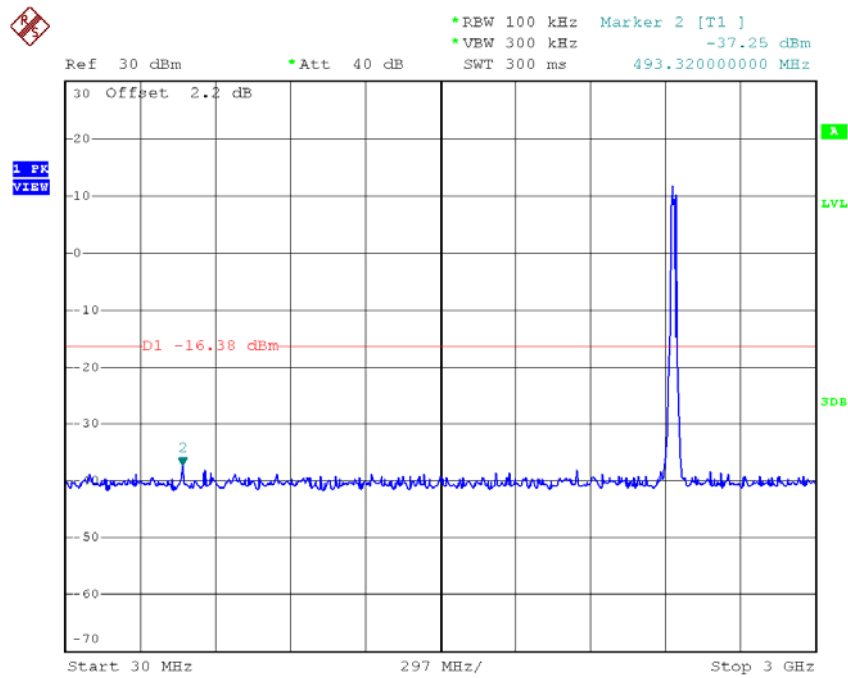


Date: 7.FEB.2018 15:45:02

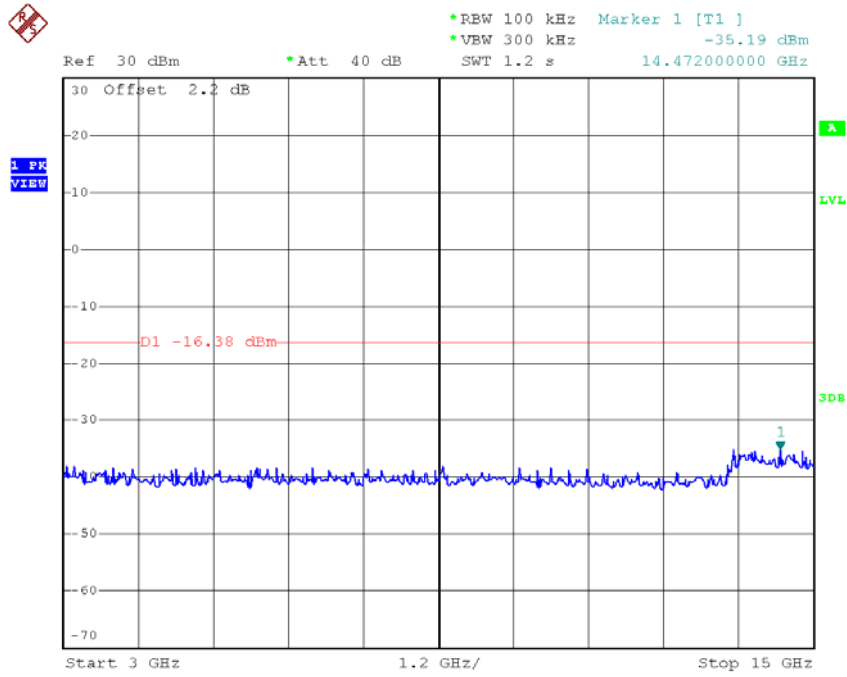


Date: 7.FEB.2018 15:45:11

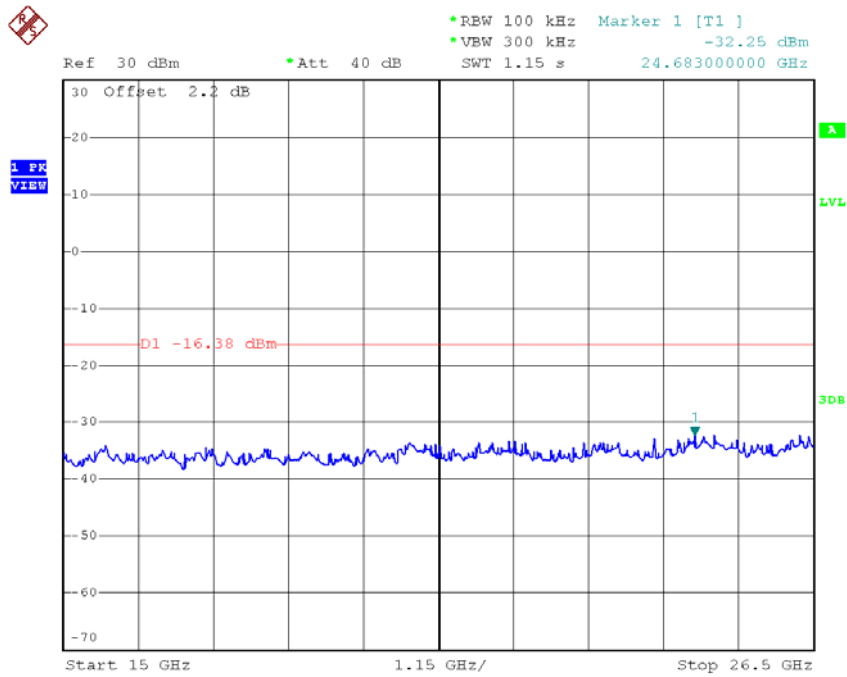
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 7.FEB.2018 16:04:05

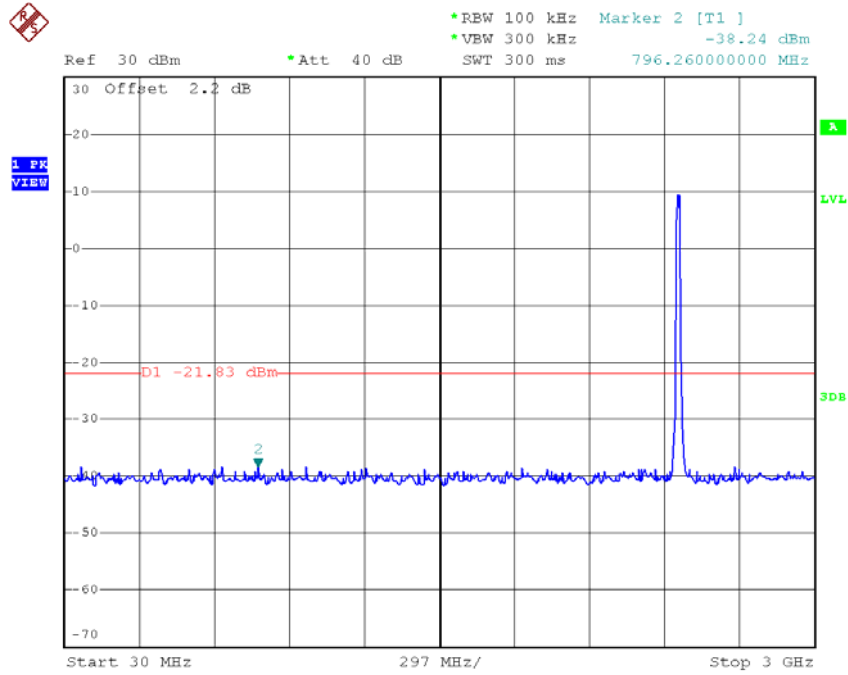


Date: 7.FEB.2018 16:04:20

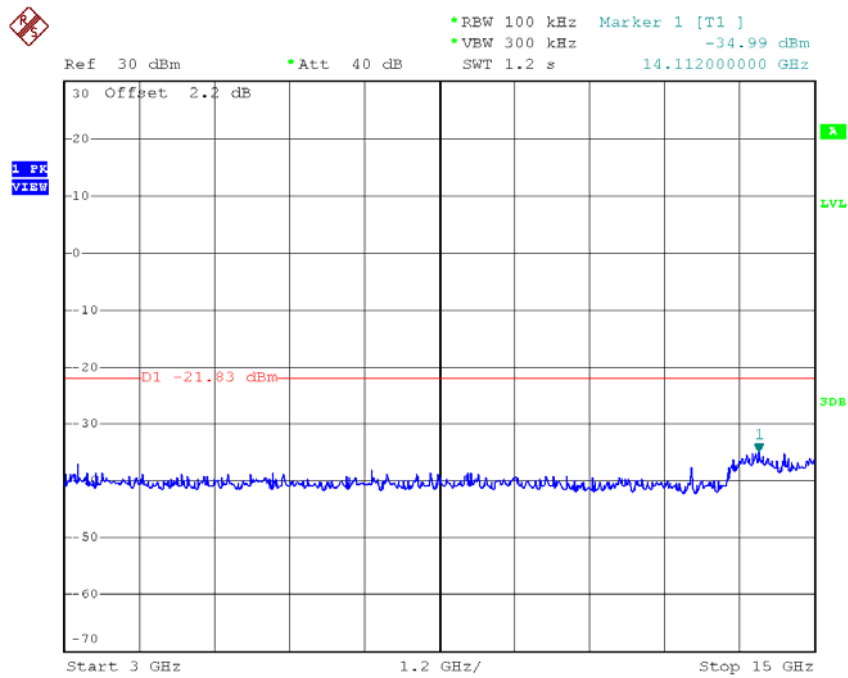


Date: 7.FEB.2018 16:04:29

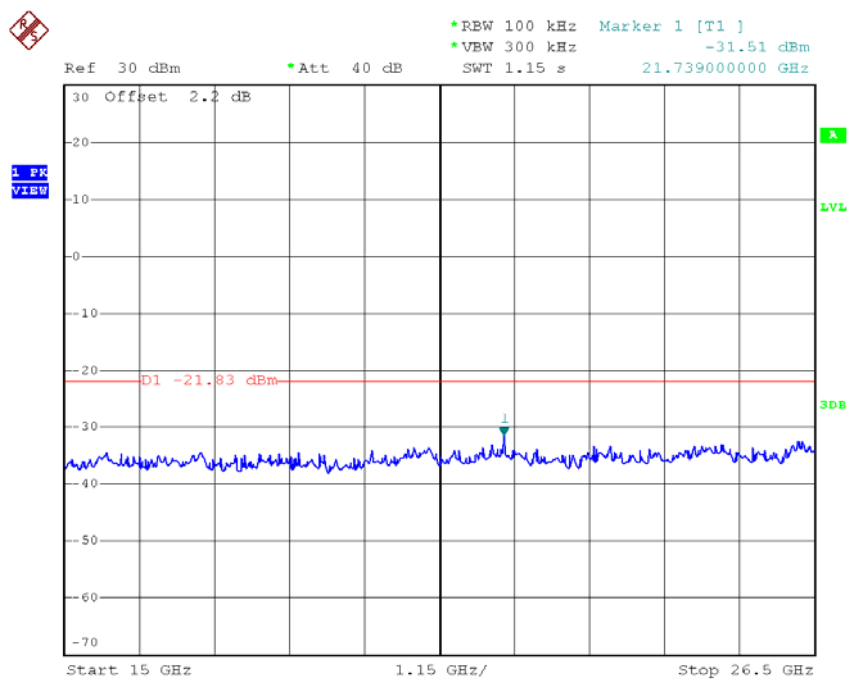
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 7.FEB.2018 16:10:02



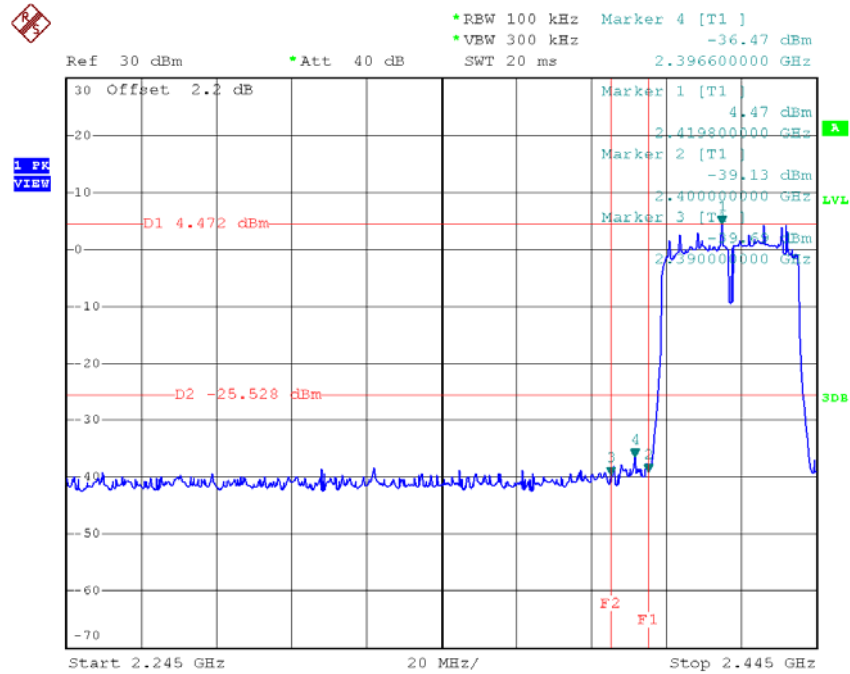
Date: 7.FEB.2018 16:09:05



Date: 7.FEB.2018 16:09:14

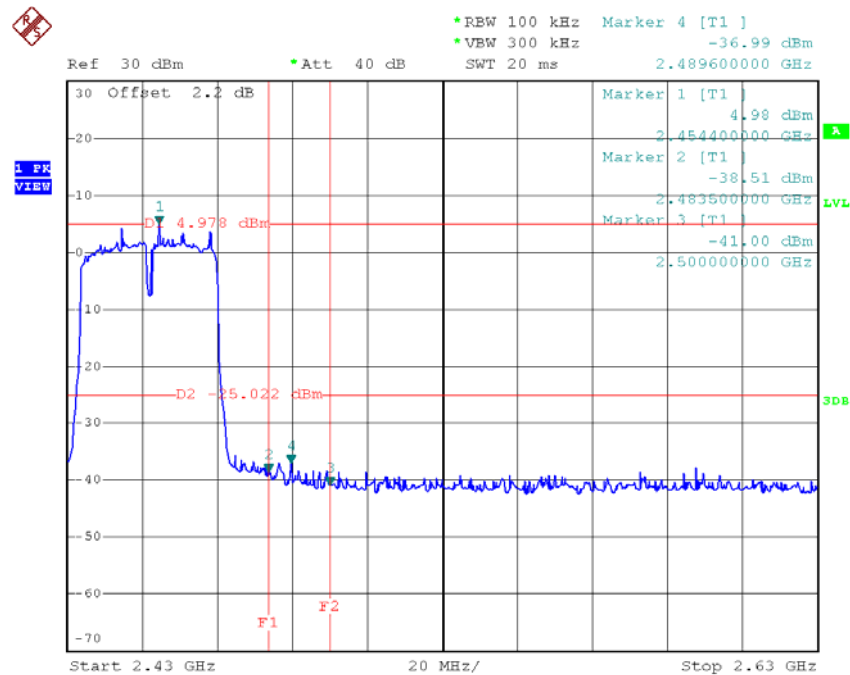
Test Mode : TX N-40M Mode_Ant 1

TX HT40 mode CH03



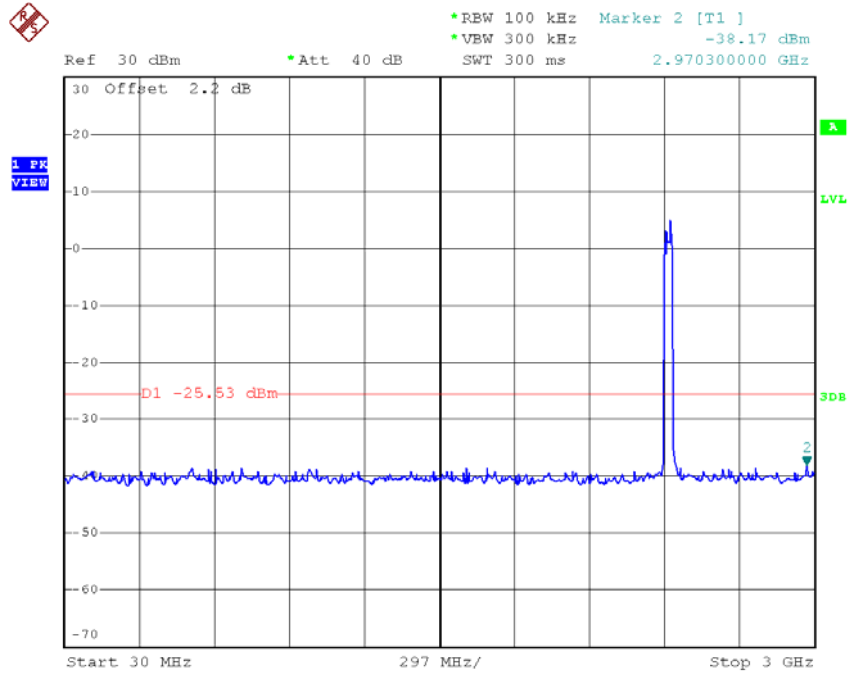
Date: 7.FEB.2018 13:19:19

TX HT40 mode CH09

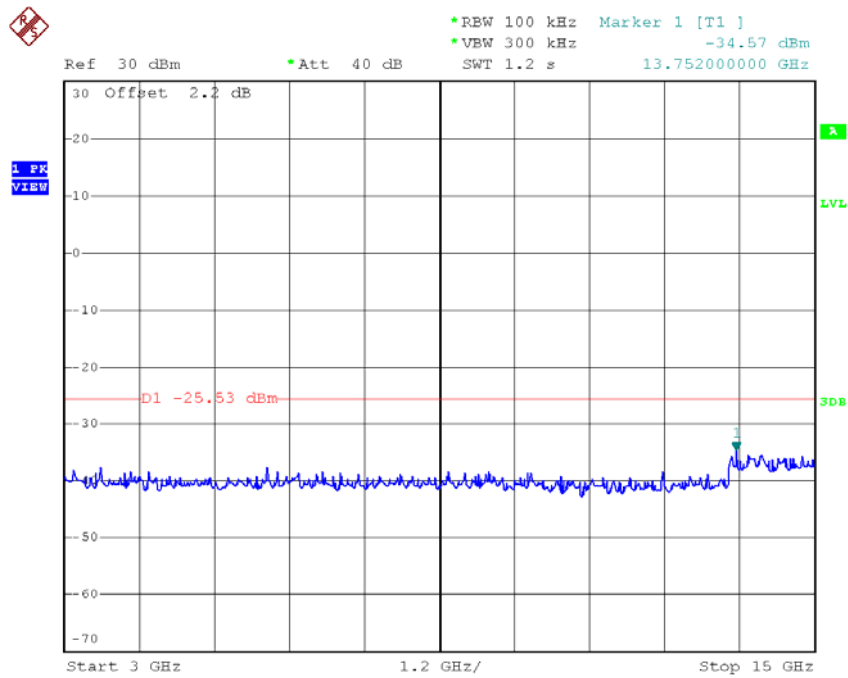


Date: 7.FEB.2018 13:25:34

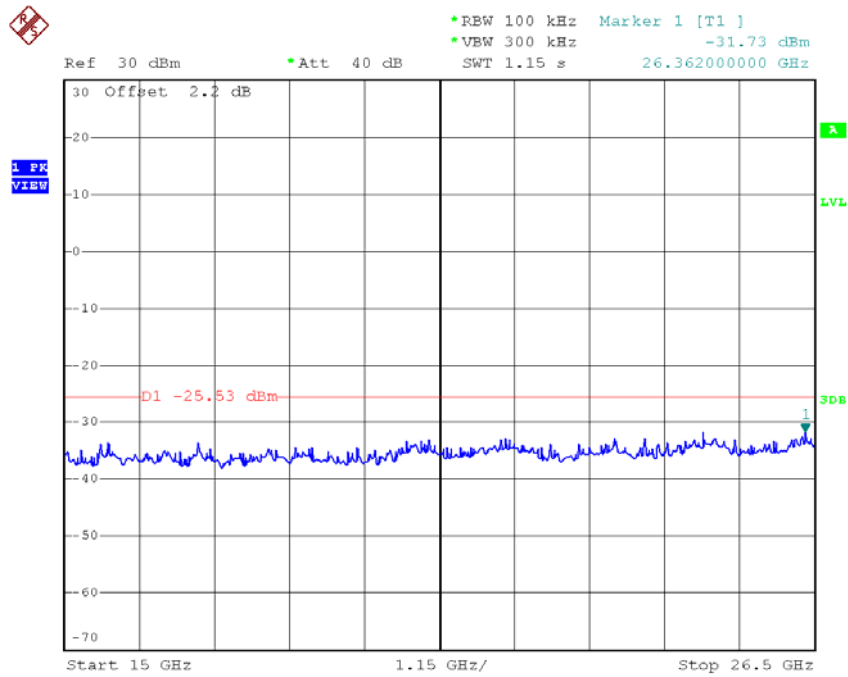
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:19:42

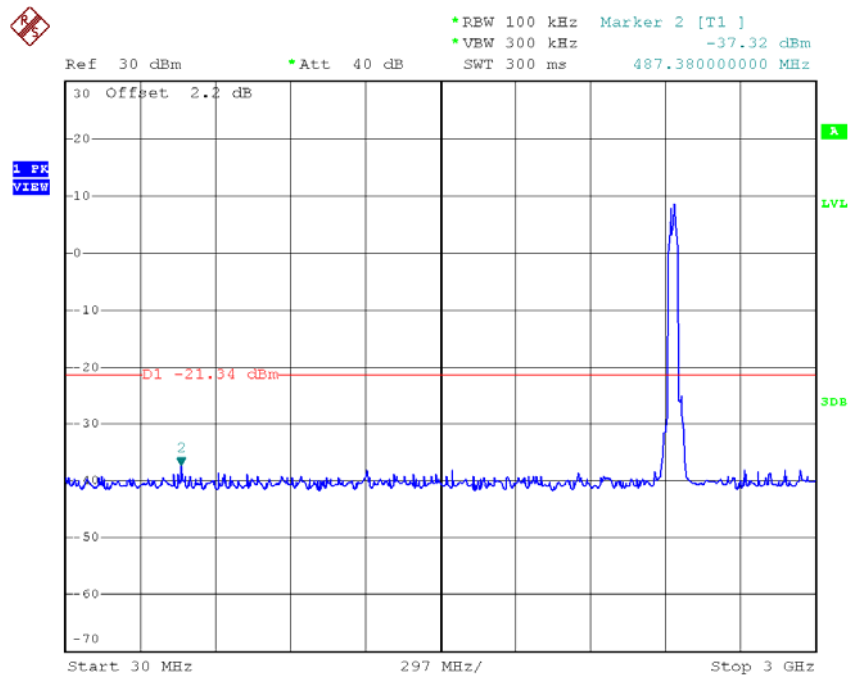


Date: 7.FEB.2018 13:09:53

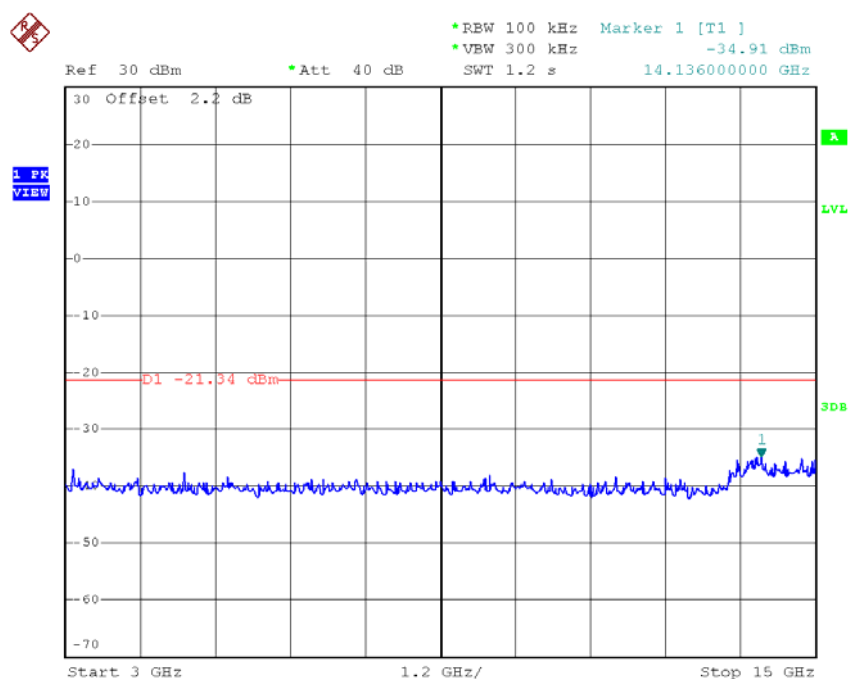


Date: 7.FEB.2018 13:10:02

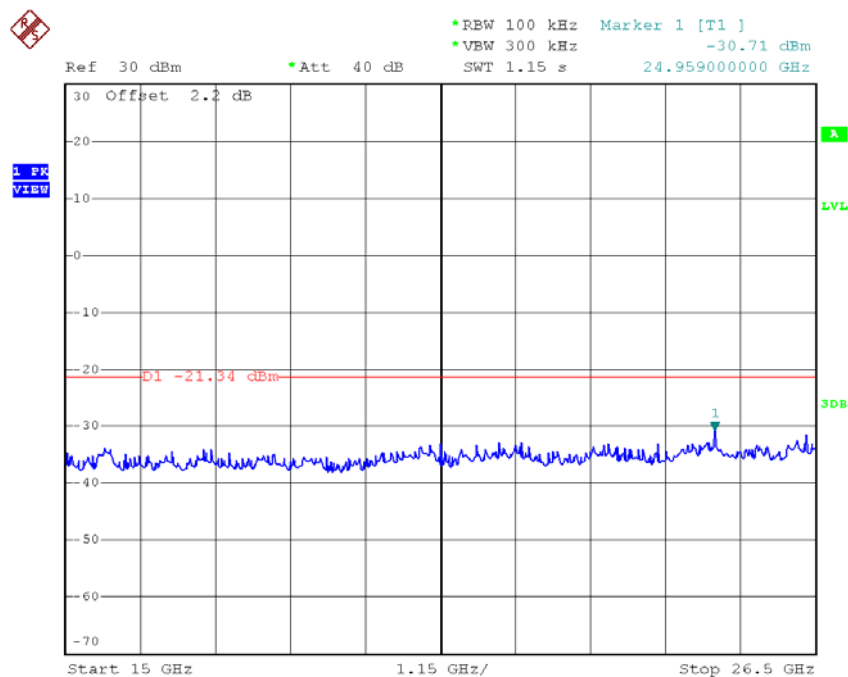
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:23:52

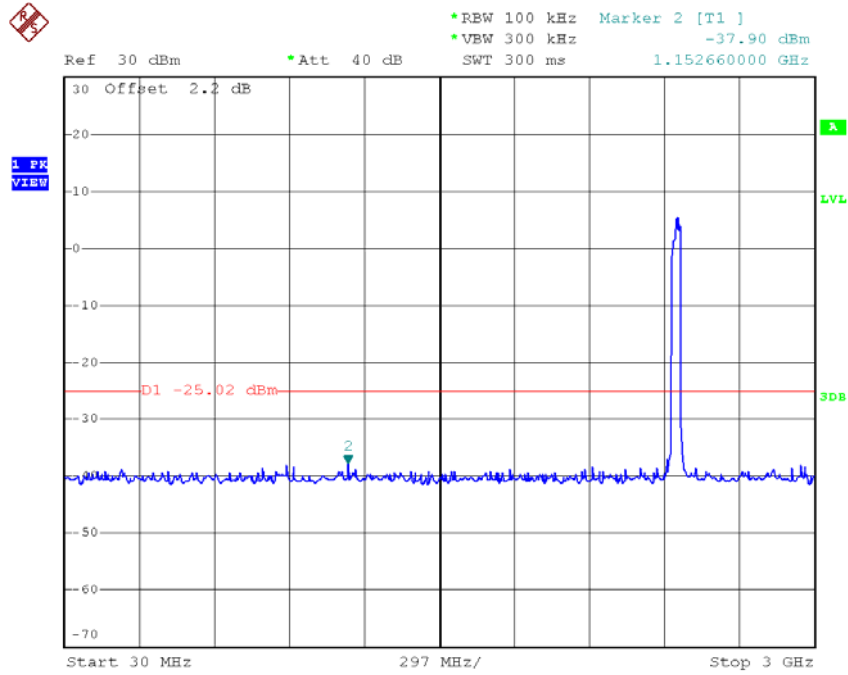


Date: 7.FEB.2018 13:21:59

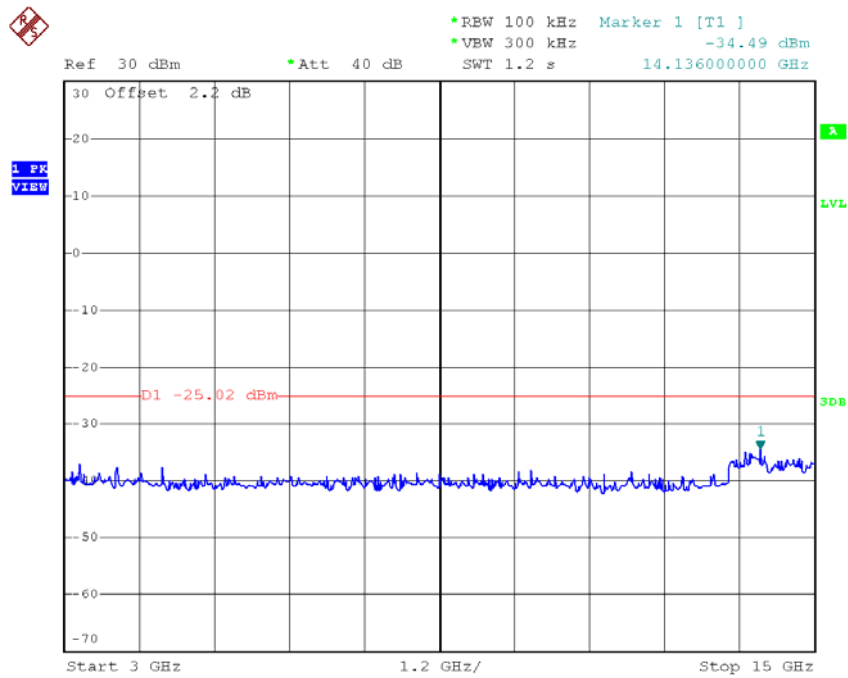


Date: 7.FEB.2018 13:22:09

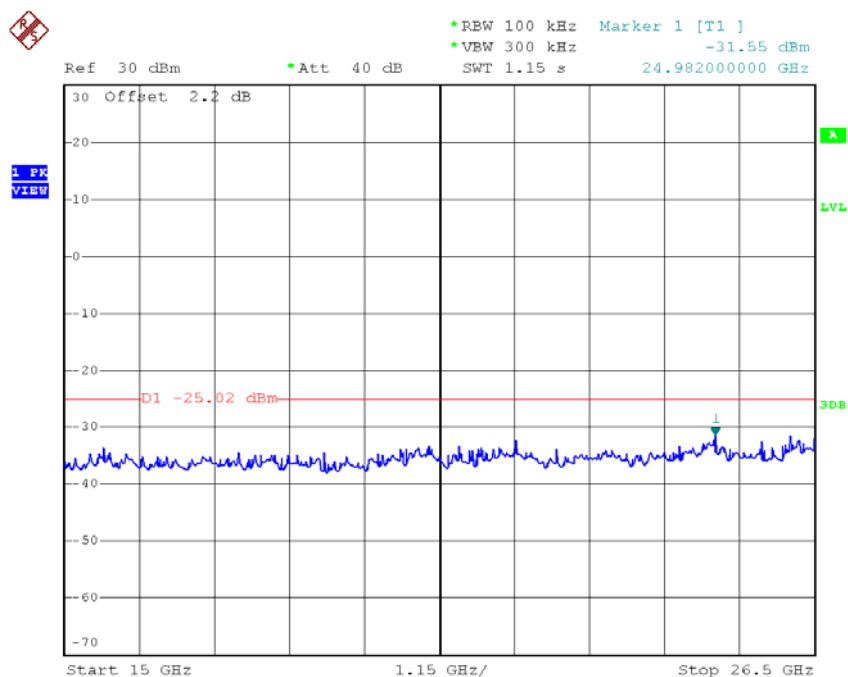
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 7.FEB.2018 13:26:10



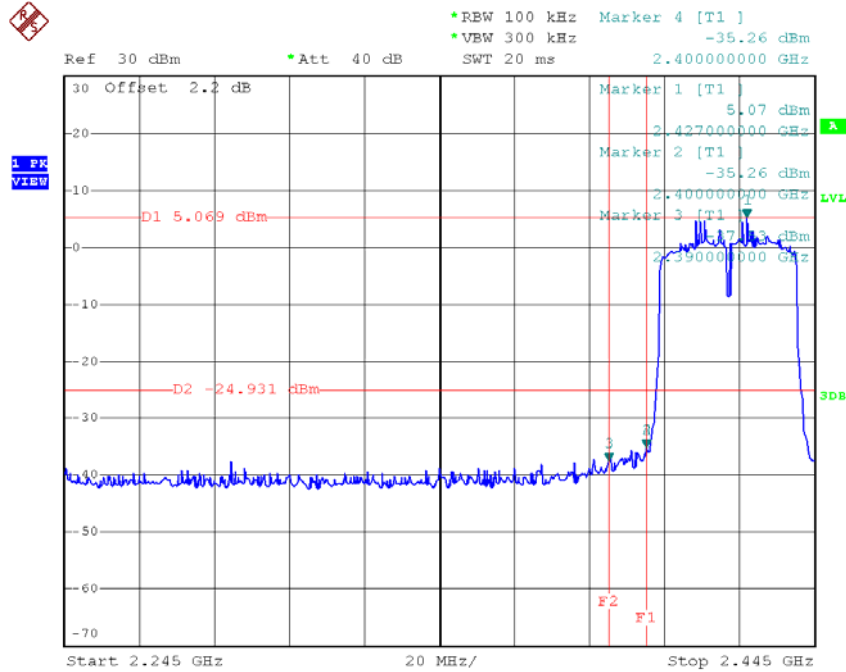
Date: 7.FEB.2018 13:26:21



Date: 7.FEB.2018 13:26:30

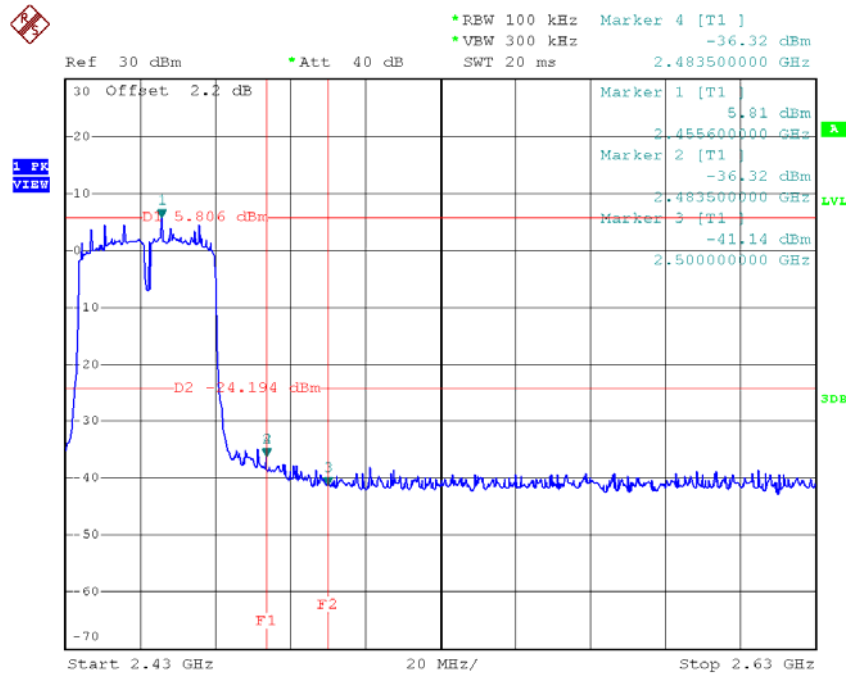
Test Mode : TX N-40M Mode_Ant 2

TX HT40 mode CH03



Date: 7.FEB.2018 16:11:25

TX HT40 mode CH09



Date: 7.FEB.2018 16:16:01