

FCC Radio Test Report

FCC ID: Q78-ZXHNF660V70

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

Project No. : 1803C123
Equipment : GPON ONT
Test Model : ZXHN F660
Series Model : N/A
Applicant : ZTE Corporation
Address : ZTE Plaza, Hi-Tech Park, Nanshan District,
Shenzhen, Guangdong, P.R.China

Date of Receipt : Mar. 15, 2018
Date of Test : Mar. 28, 2018 ~ Apr. 11, 2018
Issued Date : Aug. 13, 2018
Tested by : BTL Inc.

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

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

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements in all the possible configurations as representative of its intended use.

Limitation

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

Table of Contents	Page
1 . CERTIFICATION	6
2 . SUMMARY OF TEST RESULTS	7
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
3 . GENERAL INFORMATION	9
3.1 GENERAL DESCRIPTION OF EUT	9
3.2 DESCRIPTION OF TEST MODES	10
3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING	13
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	14
3.5 DESCRIPTION OF SUPPORT UNITS	14
4 . EMC EMISSION TEST	15
4.1 CONDUCTED EMISSION MEASUREMENT	15
4.1.1 POWER LINE CONDUCTED EMISSION LIMITS	15
4.1.2 TEST PROCEDURE	15
4.1.3 DEVIATION FROM TEST STANDARD	15
4.1.4 TEST SETUP	16
4.1.5 EUT OPERATING CONDITIONS	16
4.1.6 EUT TEST CONDITIONS	16
4.1.7 TEST RESULTS	16
4.2 RADIATED EMISSION MEASUREMENT	17
4.2.1 RADIATED EMISSION LIMITS	17
4.2.2 TEST PROCEDURE	18
4.2.3 DEVIATION FROM TEST STANDARD	18
4.2.4 TEST SETUP	19
4.2.5 EUT OPERATING CONDITIONS	20
4.2.6 EUT TEST CONDITIONS	20
4.2.7 TEST RESULTS (9KHZ TO 30MHZ)	20
4.2.8 TEST RESULTS (30MHZ TO 1000MHZ)	20
4.2.9 TEST RESULTS (ABOVE 1000MHZ)	20
5 . BANDWIDTH TEST	21
5.1 APPLIED PROCEDURES	21
5.1.1 TEST PROCEDURE	21
5.1.2 DEVIATION FROM STANDARD	21
5.1.3 TEST SETUP	21
5.1.4 EUT OPERATION CONDITIONS	21
5.1.5 EUT TEST CONDITIONS	21
5.1.6 TEST RESULTS	21
6 . MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST	22

Table of Contents	Page
6.1 APPLIED PROCEDURES / LIMIT	22
6.1.1 TEST PROCEDURE	22
6.1.2 DEVIATION FROM STANDARD	22
6.1.3 TEST SETUP	22
6.1.4 EUT OPERATION CONDITIONS	22
6.1.5 EUT TEST CONDITIONS	22
6.1.6 TEST RESULTS	22
7 . ANTENNA CONDUCTED SPURIOUS EMISSION	23
7.1 APPLIED PROCEDURES / LIMIT	23
7.1.1 TEST PROCEDURE	23
7.1.2 DEVIATION FROM STANDARD	23
7.1.3 TEST SETUP	23
7.1.4 EUT OPERATION CONDITIONS	23
7.1.5 EUT TEST CONDITIONS	23
7.1.6 TEST RESULTS	23
8 . POWER SPECTRAL DENSITY TEST	24
8.1 APPLIED PROCEDURES / LIMIT	24
8.1.1 TEST PROCEDURE	24
8.1.2 DEVIATION FROM STANDARD	24
8.1.3 TEST SETUP	24
8.1.4 EUT OPERATION CONDITIONS	24
8.1.5 EUT TEST CONDITIONS	24
8.1.6 TEST RESULTS	24
9 . MEASUREMENT INSTRUMENTS LIST	25
10 . EUT TEST PHOTO	27
APPENDIX A - CONDUCTED EMISSION	31
APPENDIX B - RADIATED EMISSION (9KHZ TO 30MHZ)	36
APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)	58
APPENDIX E - BANDWIDTH	107
APPENDIX F - MAXIMUM PEAK CONDUCTED OUTPUT POWER	116
APPENDIX G - ANTENNA CONDUCTED SPURIOUS EMISSION	121
APPENDIX H - POWER SPECTRAL DENSITY	170

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1803C123	Original Report.	Apr. 17, 2018
MDG1804020	The antenna specification model of 3dBi are changed to DP2440MLW-80G13U1 and DP2440MLW-330G13U1.	Aug. 13, 2018

1. CERTIFICATION

Equipment : GPON ONT
Brand Name : ZTE
Test Model : ZXHN F660
Series Model : N/A
Applicant : ZTE Corporation
Manufacturer : ZTE Corporation
Address : ZTE Plaza, Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, P.R.China
Factory : ZTE Corporation
Address : ZTE Plaza, Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, P.R.China
Date of Test : Mar. 28, 2018 ~ Apr. 11, 2018
Test Sample : Engineering Sample NO.180302606
Standard(s) : FCC Part15, Subpart C:(15.247) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1803C123) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 854385

BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	GPON ONT	
Brand Name	ZTE	
Test Model	ZXHN F660	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps
	Output Power (Max.)	802.11b: 25.07dBm 802.11g: 27.96dBm 802.11n(20MHz): 27.6dBm 802.11n(40MHz): 27.16dBm
Power Source	DC Voltage supplied from AC/DC adapter. Model1: (ADAPTER:(Adapter:RD1201000-C55-HMG)) Model2: LPL-F012120100ZH	
Power Rating	Model1:I/P: 100-240V~ 50/60Hz 0.6A O/P: 12V---1A Model2:I/P: 100-240V~ 50/60Hz 0.35A O/P: 12V---1A	

Note:

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

2. Channel List:

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

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	Cocomm	DP2450LW-330G13U1	Dipole	N/A	5	N/A
2	Cocomm	DP2450LW-80G13U1	Dipole	N/A	5	N/A

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	Cocomm	DP2440MLW-330G13U1	Dipole	N/A	3	N/A
2	Cocomm	DP2440MLW-80G13U1	Dipole	N/A	3	N/A

Note:

The measurements for antennas of 5dBi and 3dBi were tested. The worst case was 5dBi antenna and only the worst case was recorded in this report.

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 5	Normal Link

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

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

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

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

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

Note:

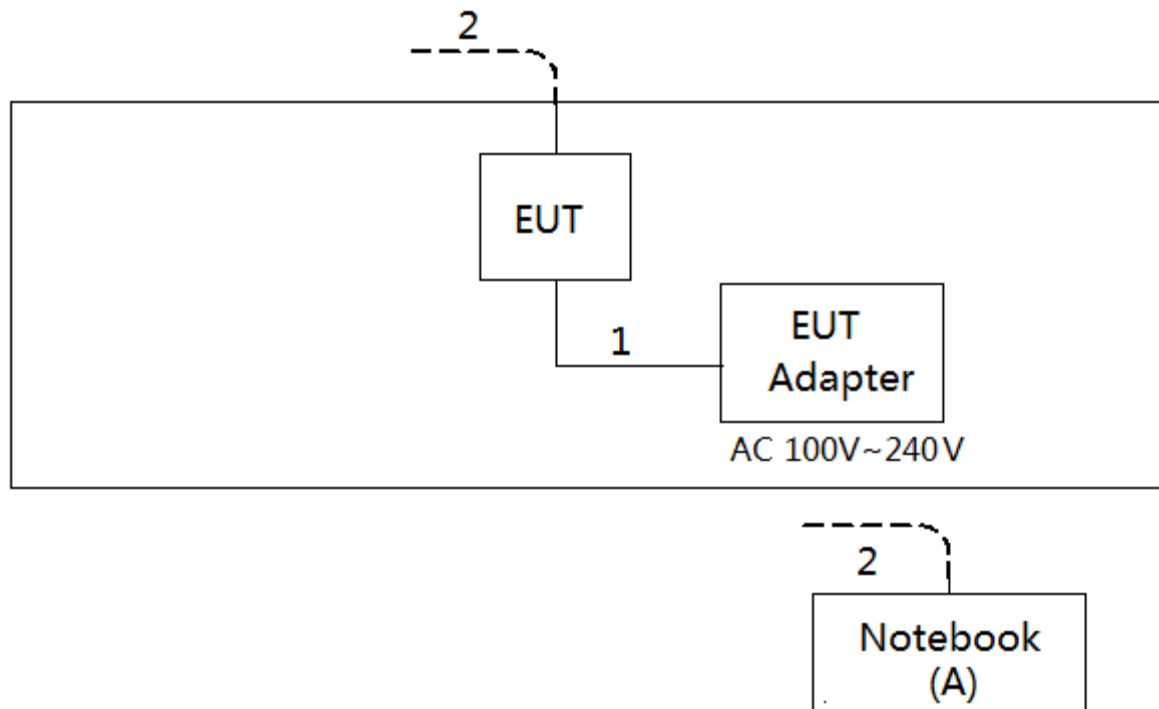
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
 802.11g mode: OFDM (6Mbps)
 802.11n HT20 mode : BPSK (13Mbps)
 802.11n HT40 mode : BPSK (27Mbps)
 For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	QATool_Dbg		
Frequency (MHz)	2412	2437	2462
802.11b	1C	20	19
802.11g	1A	1A	1A
802.11n (20MHz)	16	1A	19
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	12	1B	15

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



4

3.5 DESCRIPTION OF SUPPORT UNITS

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

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

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	DC Cable
2	NO	NO	10m	RJ45 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

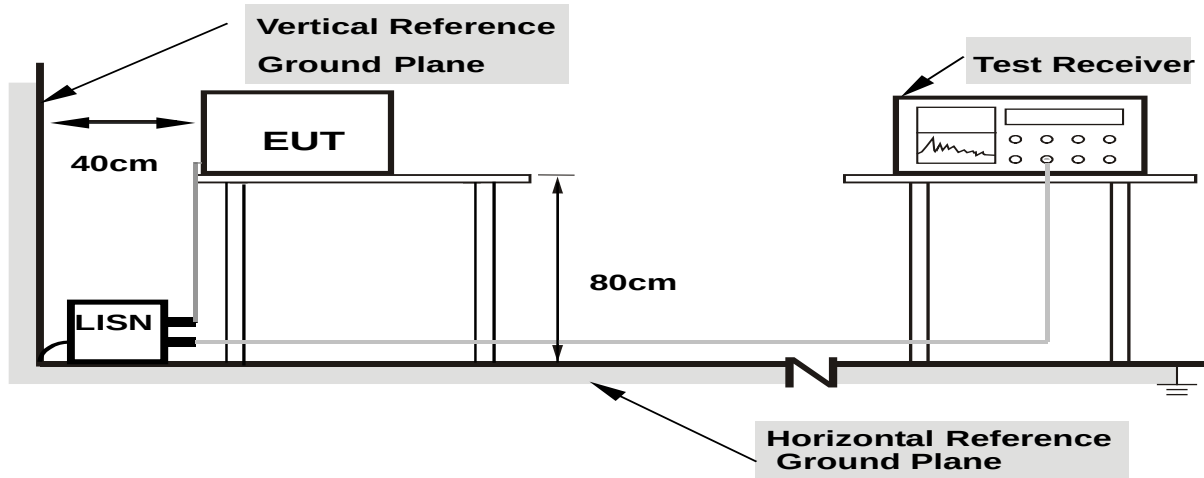
4.1.2 TEST PROCEDURE

- 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

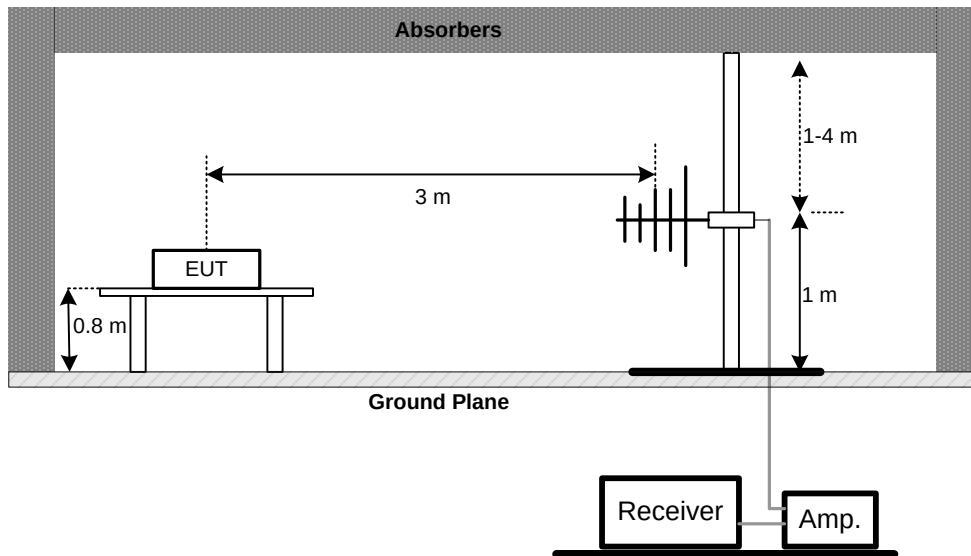
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

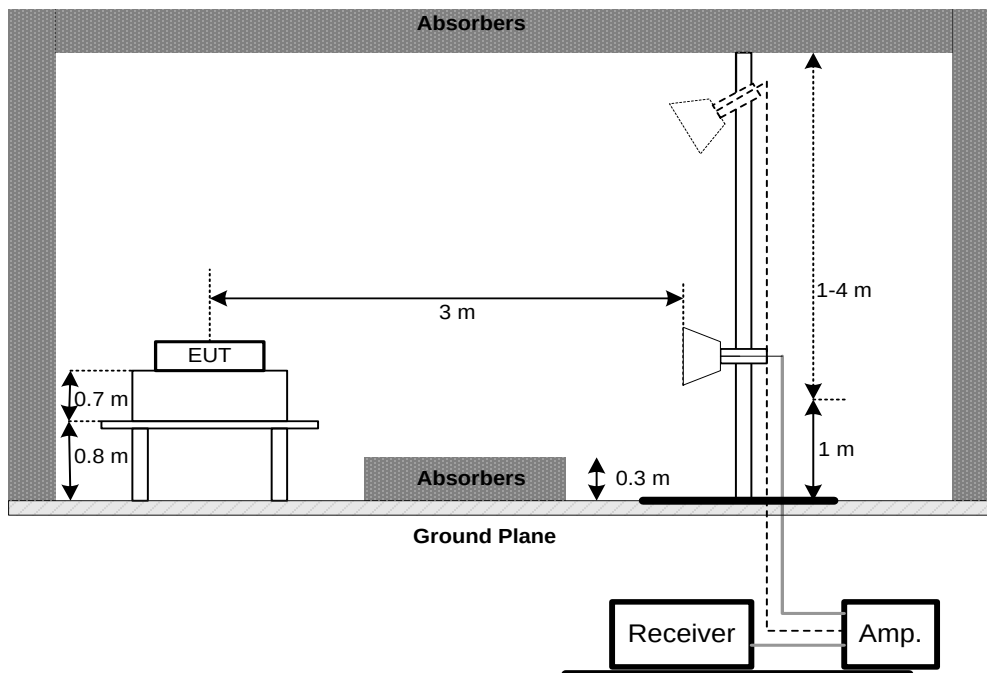
No deviation

4.2.4 TEST SETUP

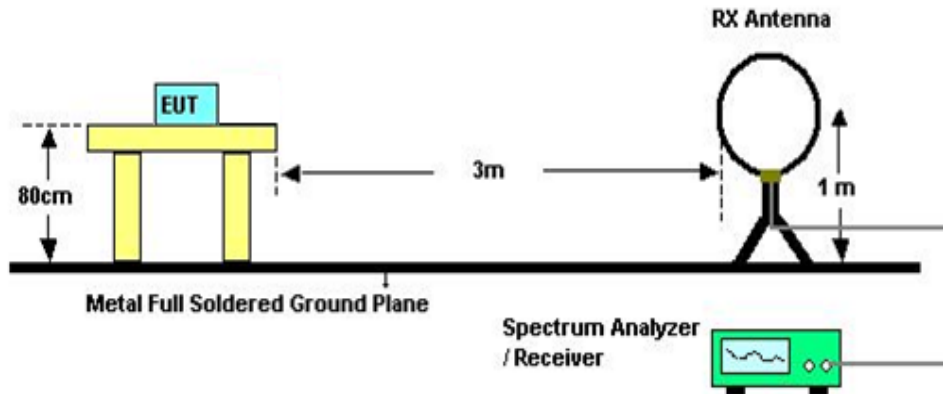
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(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

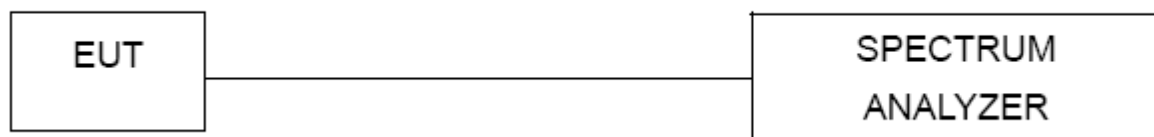
5.1.1 TEST PROCEDURE

- 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 PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance 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					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
2	LISN	EMCO	3816/2	52765	Mar. 11, 2019
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 11, 2019
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 11, 2019
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Oct. 19, 2018

Radiated Emission Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 11, 2019
2	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Antenna	EM	EM-6876-1	230	Feb. 07, 2019

Radiated Emission Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6dB Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Peak Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 11, 2019
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 11, 2019

Antenna Conducted Spurious Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

10. EUT TEST PHOTO

Conducted Measurement Photos



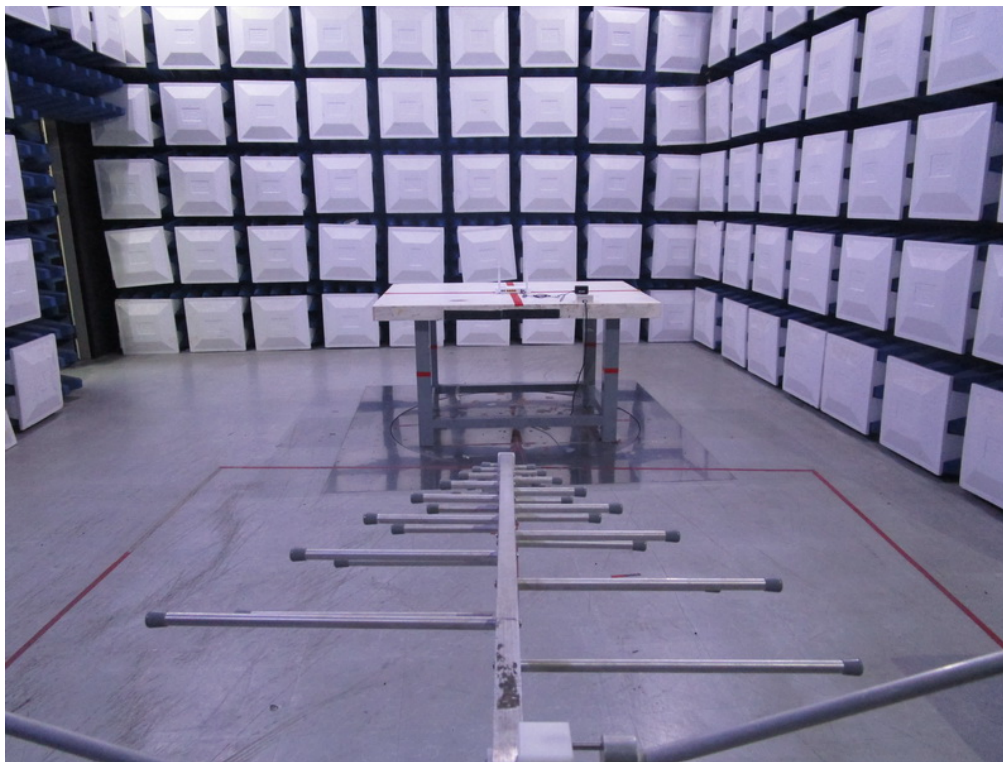
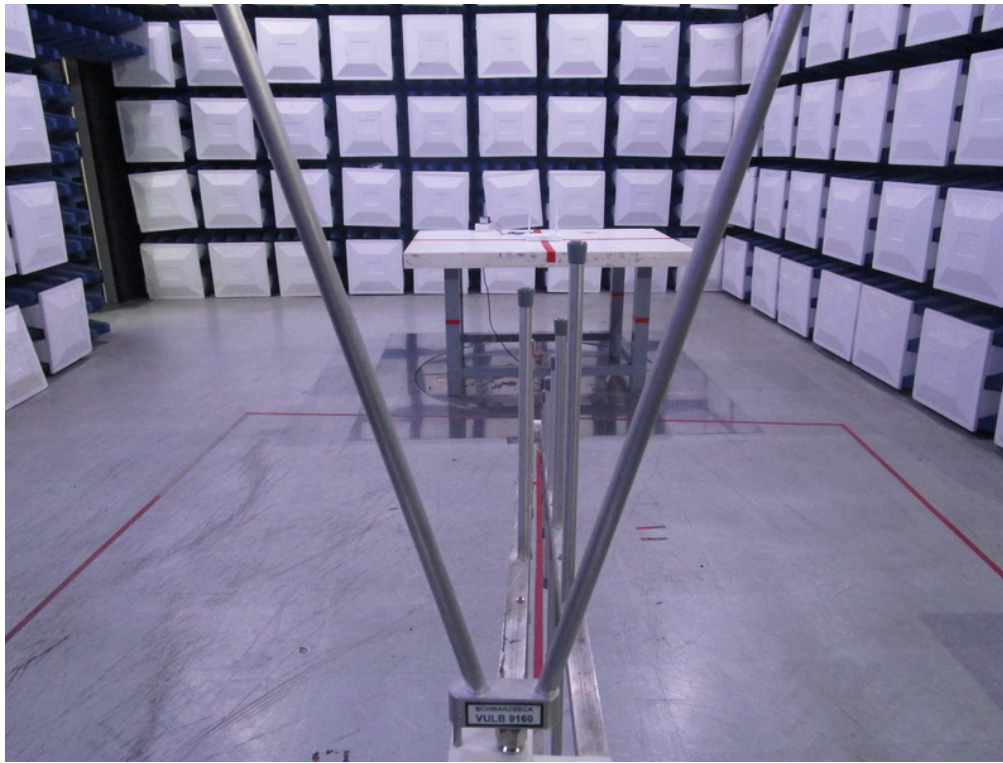
Radiated Measurement Photos

9KHz to 30MHz



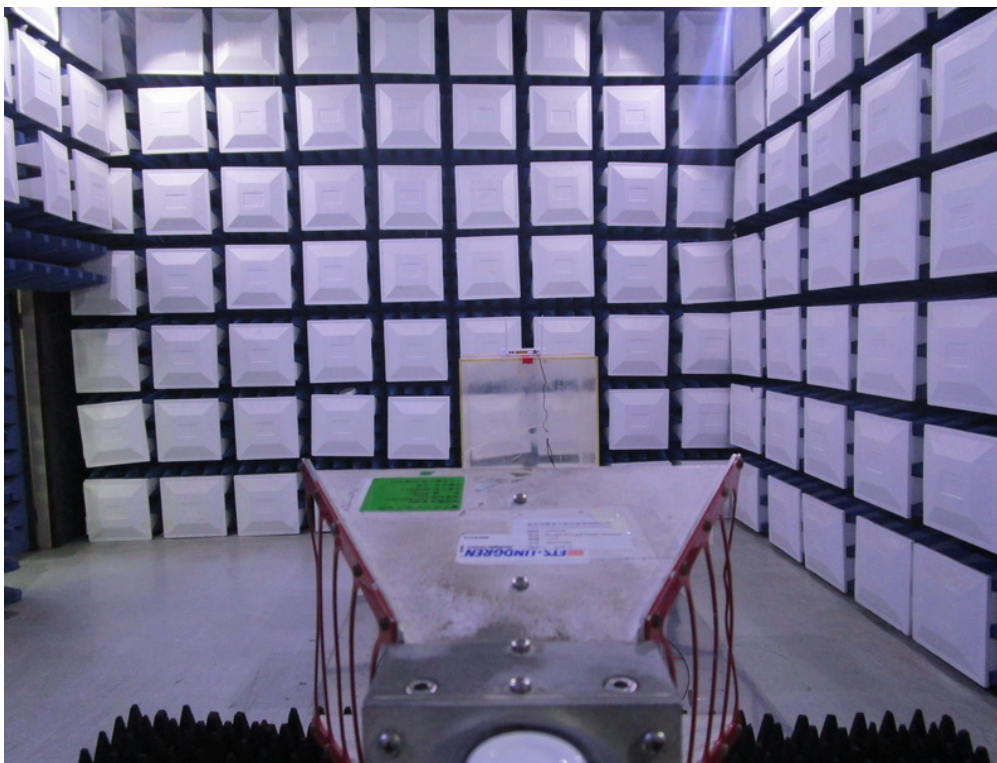
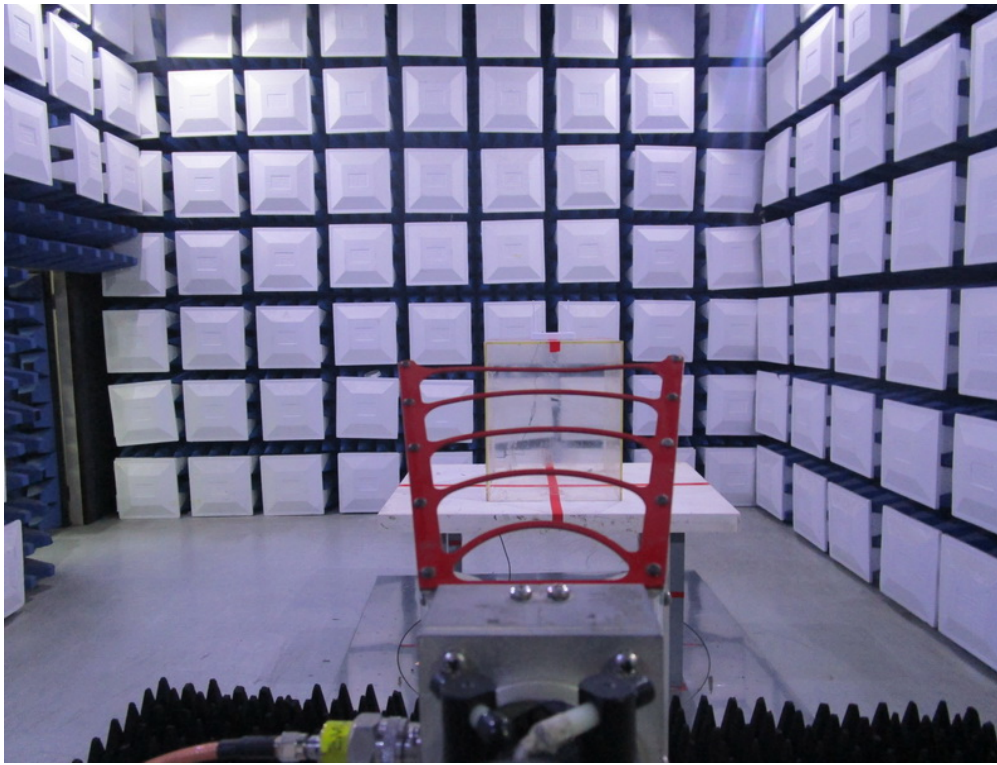
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

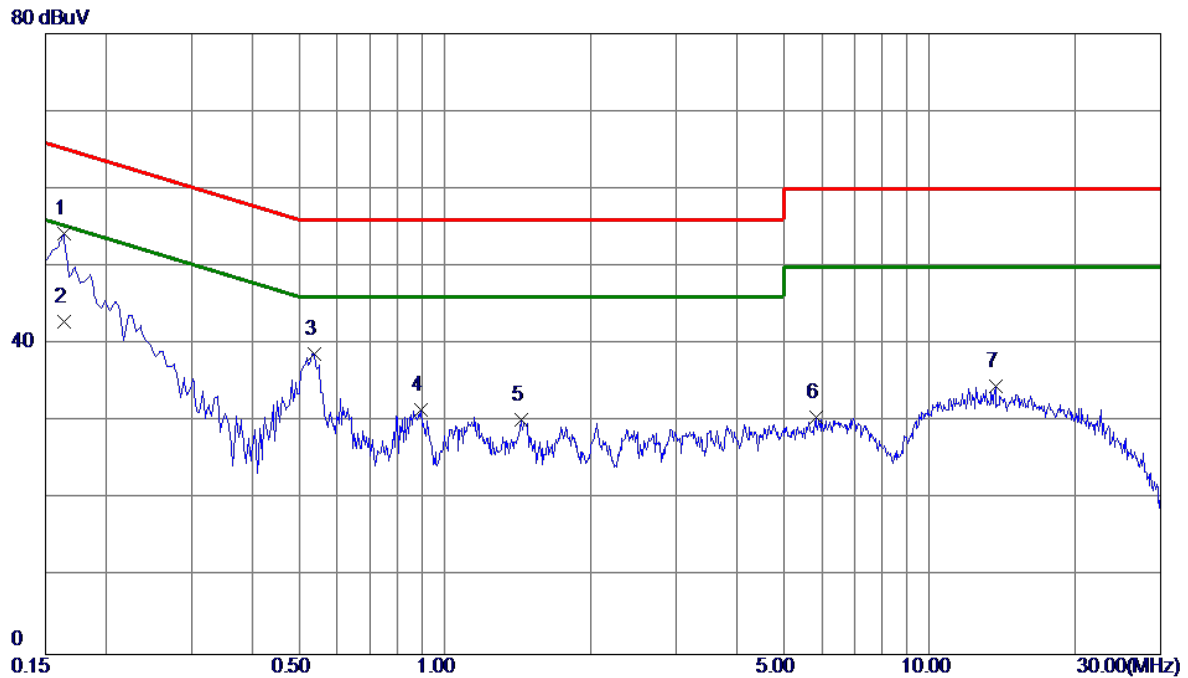
Above 1000MHz



APPENDIX A - CONDUCTED EMISSION

Test Mode : Normal Link (Adapter:LPL-F012120100ZH)

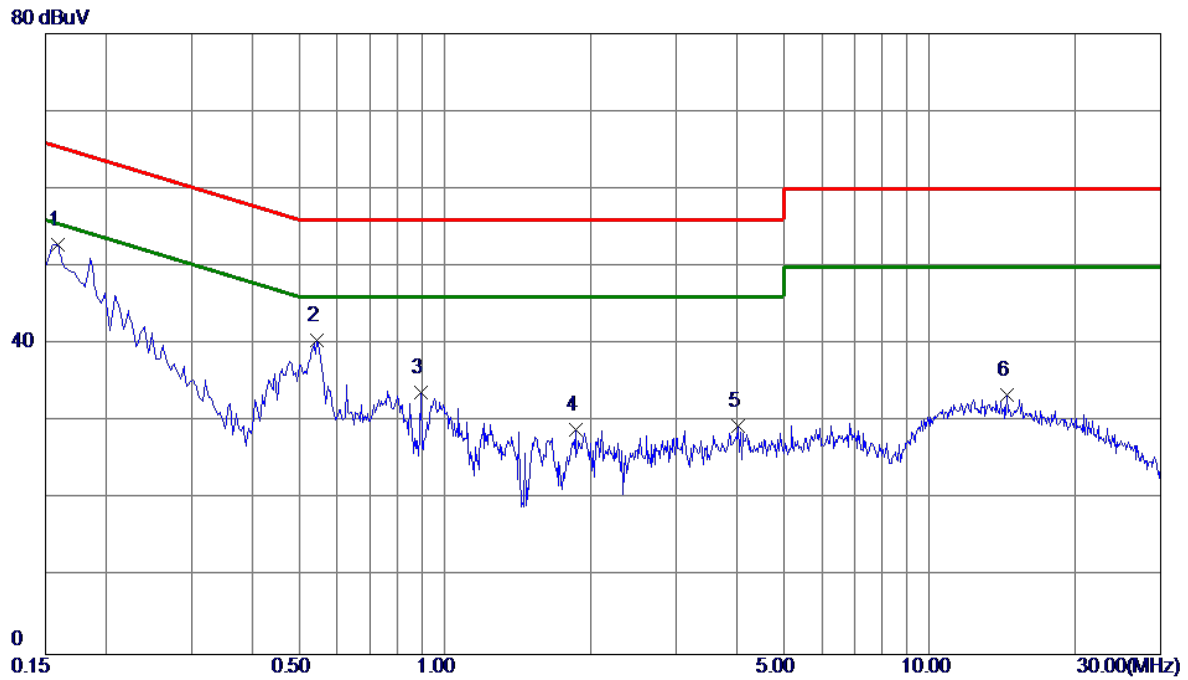
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1635	44.49	9.78	54.27	65.28	-11.01	Peak	
2	0.1635	33.09	9.78	42.87	55.28	-12.41	AVG	
3	0.5370	29.00	9.73	38.73	56.00	-17.27	Peak	
4	0.8925	21.64	9.85	31.49	56.00	-24.51	Peak	
5	1.4370	20.27	9.90	30.17	56.00	-25.83	Peak	
6	5.8290	20.46	10.12	30.58	60.00	-29.42	Peak	
7	13.6815	24.10	10.53	34.63	60.00	-25.37	Peak	

Test Mode : Normal Link (Adapter:LPL-F012120100ZH)

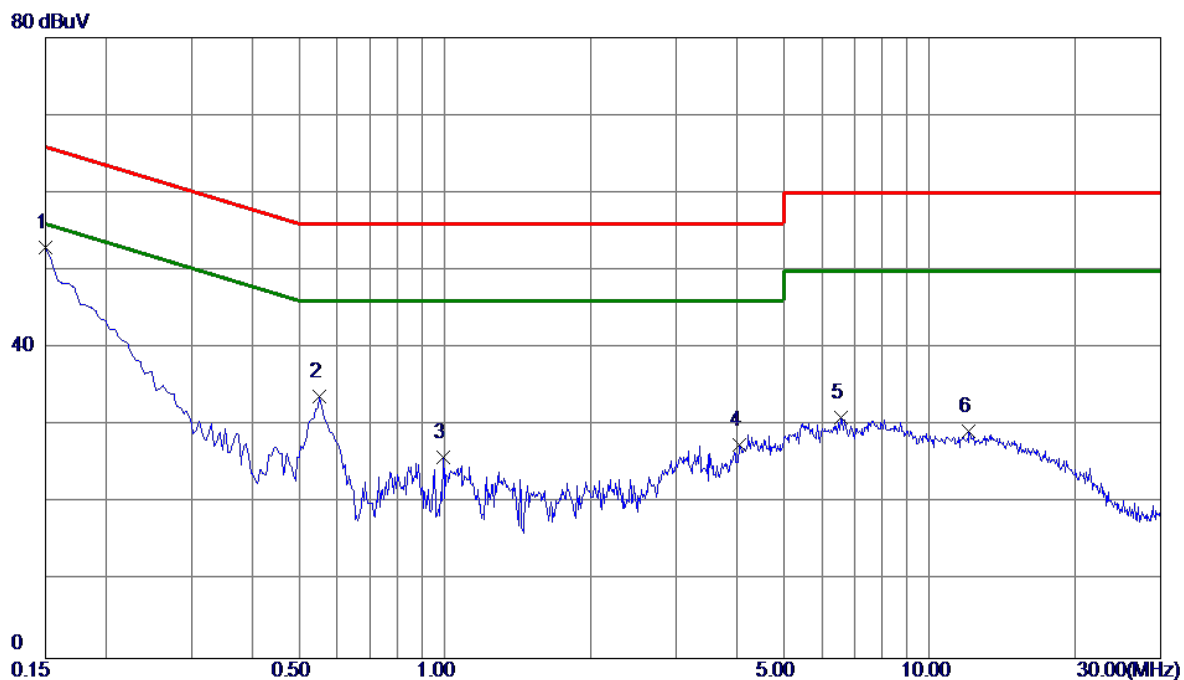
Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1590	43.16	9.67	52.83	65.52	-12.69	Peak	
2	0.5460	30.82	9.64	40.46	56.00	-15.54	Peak	
3	0.8925	24.03	9.74	33.77	56.00	-22.23	Peak	
4	1.8600	19.07	9.83	28.90	56.00	-27.10	Peak	
5	4.0290	19.54	9.96	29.50	56.00	-26.50	Peak	
6	14.4555	22.85	10.60	33.45	60.00	-26.55	Peak	

Test Mode : Normal Link(Adapter:RD1201000-C55-HMG)

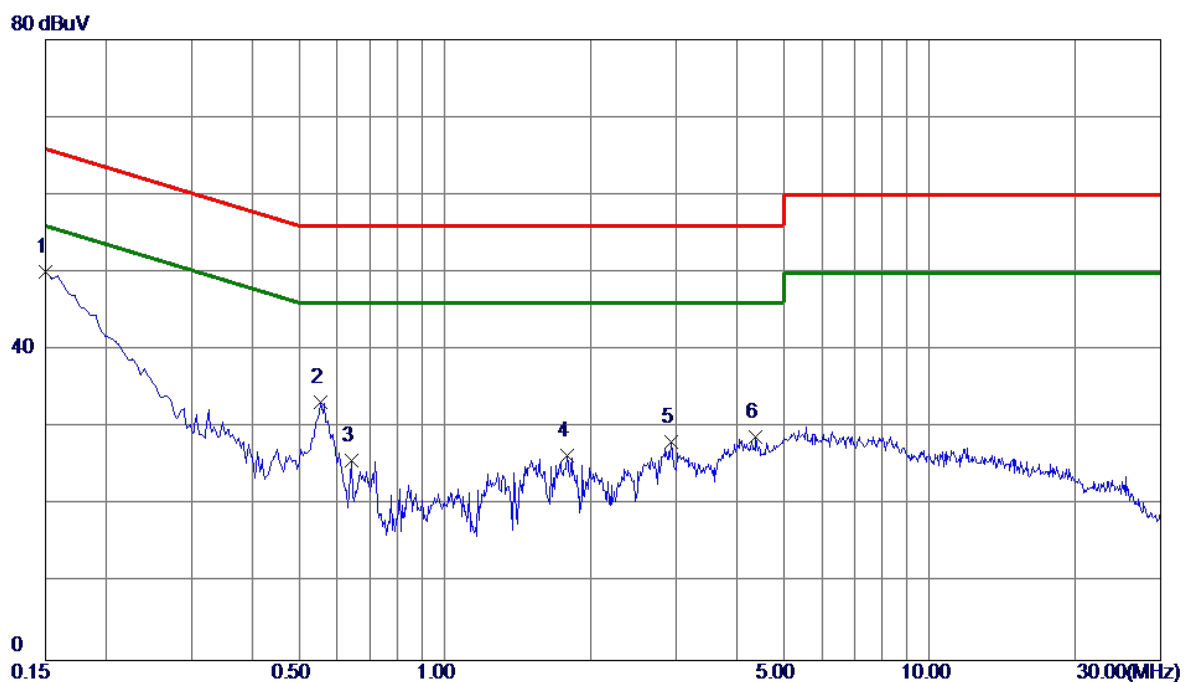
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	43.24	9.78	53.02	66.00	-12.98	Peak	
2	0.5505	24.01	9.74	33.75	56.00	-22.25	Peak	
3	0.9915	16.15	9.84	25.99	56.00	-30.01	Peak	
4	4.0470	17.43	10.03	27.46	56.00	-28.54	Peak	
5	6.5580	20.92	10.16	31.08	60.00	-28.92	Peak	
6	12.0659	18.78	10.44	29.22	60.00	-30.78	Peak	

Test Mode : Normal Link(Adapter:RD1201000-C55-HMG)

Neutral

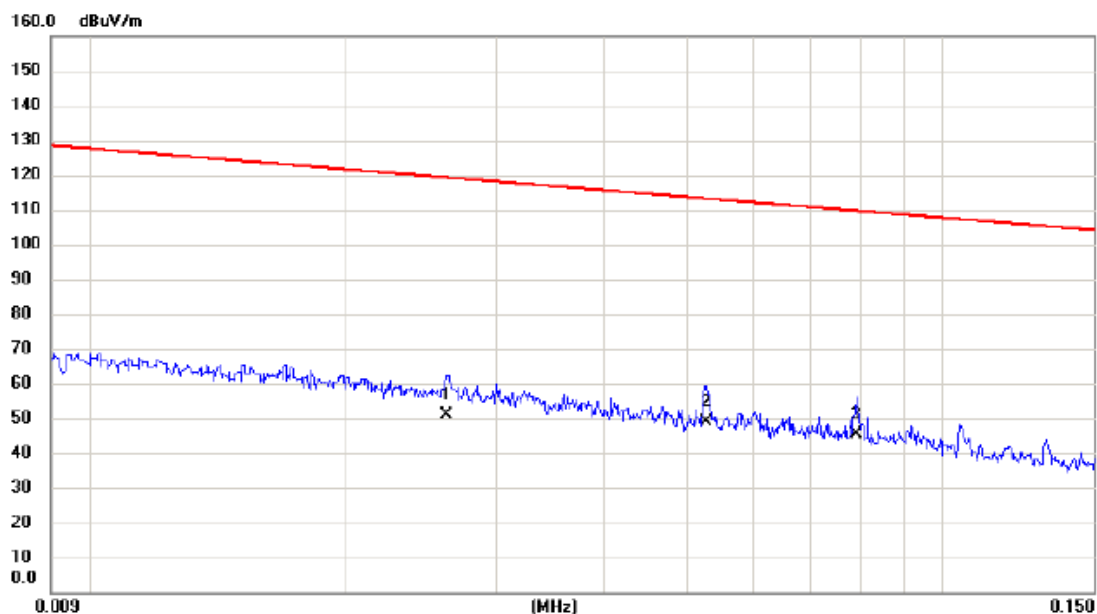


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	40.45	9.67	50.12	66.00	-15.88	Peak	
2	0.5550	23.69	9.64	33.33	56.00	-22.67	Peak	
3	0.6405	16.04	9.68	25.72	56.00	-30.28	Peak	
4	1.7880	16.56	9.82	26.38	56.00	-29.62	Peak	
5	2.9310	18.34	9.89	28.23	56.00	-27.77	Peak	
6	4.3845	18.76	9.98	28.74	56.00	-27.26	Peak	

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

Test Mode: TX MODE (Adapter:LPL-F012120100ZH)

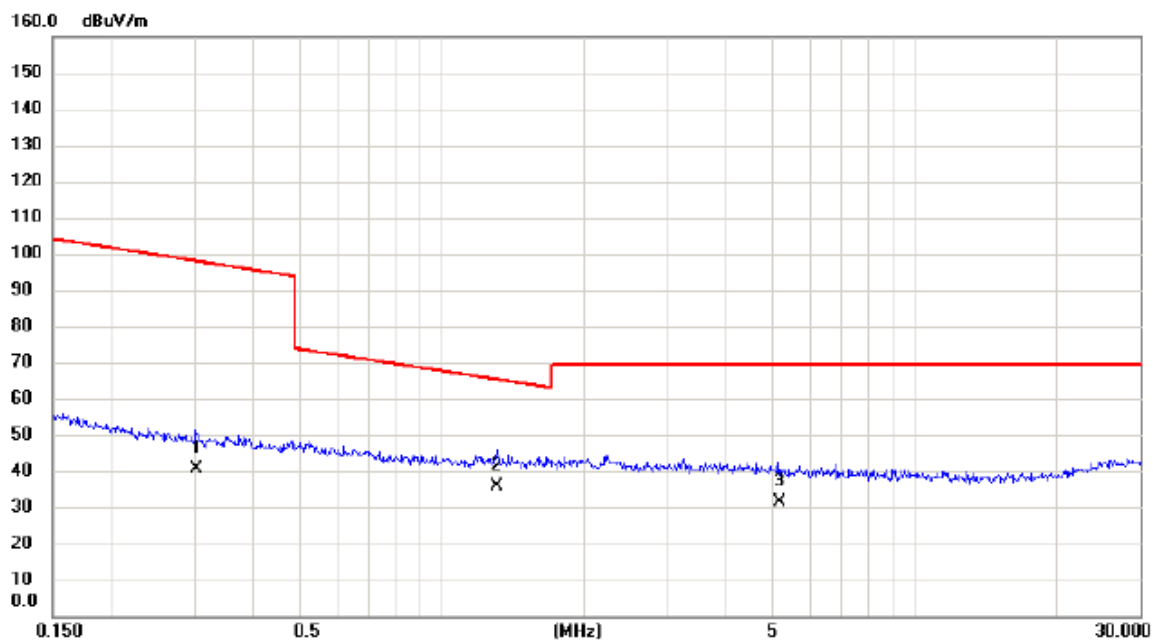
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0262	31.70	19.43	51.13	119.24	-68.11	AVG	
2		0.0528	30.20	18.66	48.86	113.15	-64.29	AVG	
3	*	0.0790	27.30	18.13	45.43	109.65	-64.22	AVG	

Test Mode: TX MODE (Adapter:LPL-F012120100ZH)

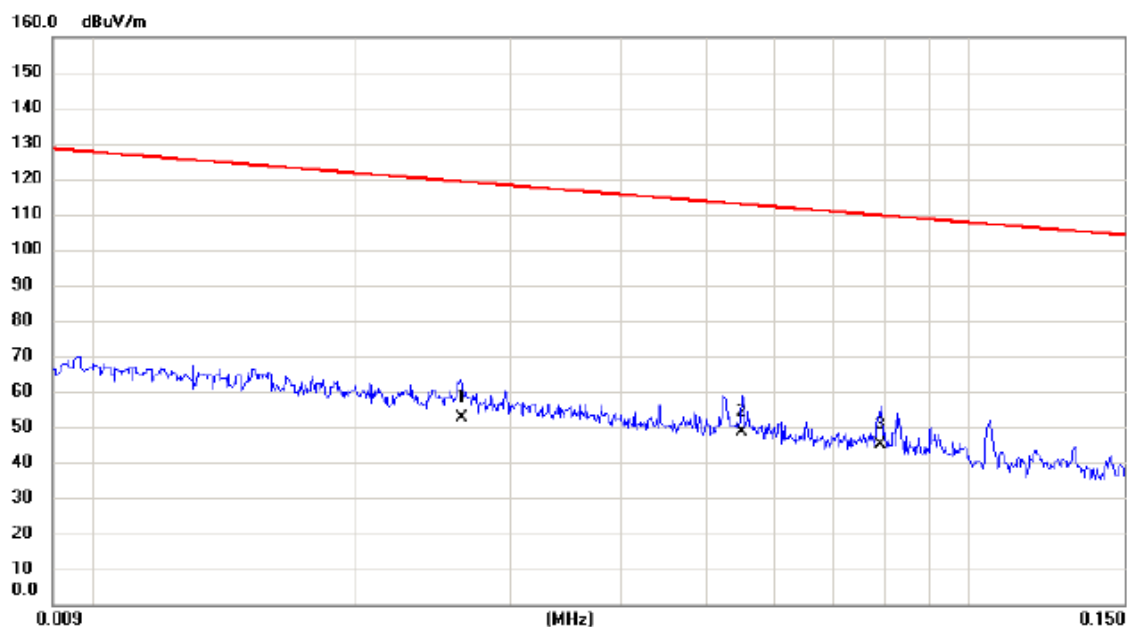
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3020	23.90	16.62	40.52	98.01	-57.49	AVG	
2	*	1.3030	20.10	15.78	35.88	65.31	-29.43	QP	
3		5.1663	17.20	14.35	31.55	69.54	-37.99	QP	

Test Mode: TX MODE (Adapter:LPL-F012120100ZH)

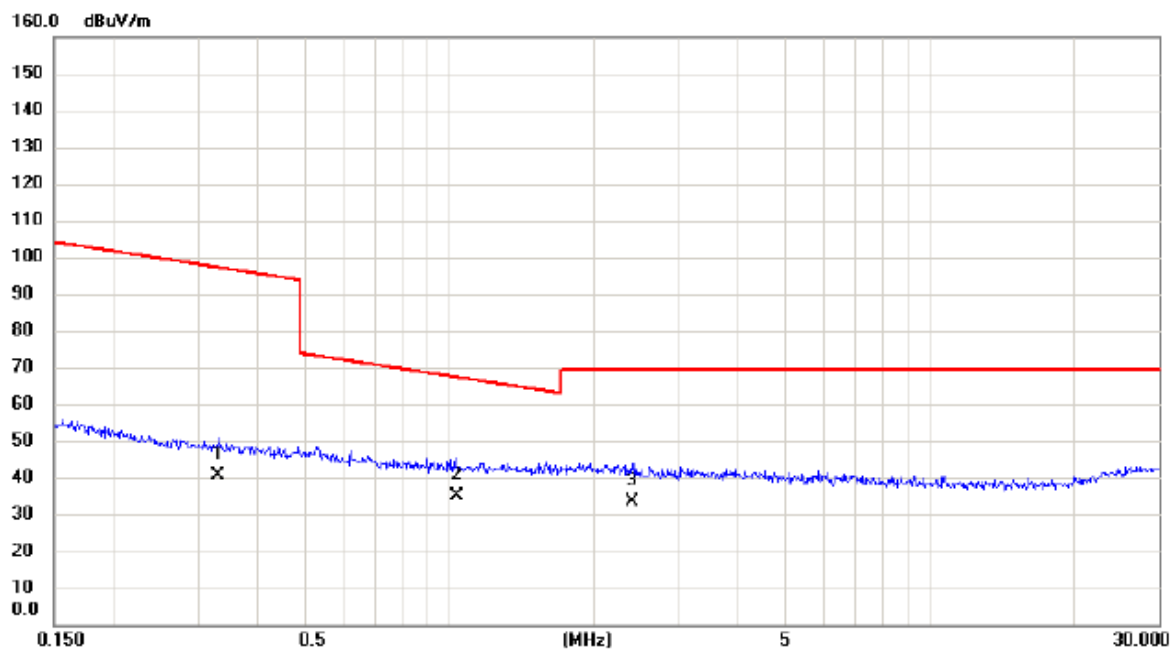
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0264	33.20	19.43	52.63	119.17	-66.54	AVG	
2	*	0.0550	30.10	18.63	48.73	112.80	-64.07	AVG	
3		0.0790	26.80	18.13	44.93	109.65	-64.72	AVG	

Test Mode: TX MODE (Adapter:LPL-F012120100ZH)

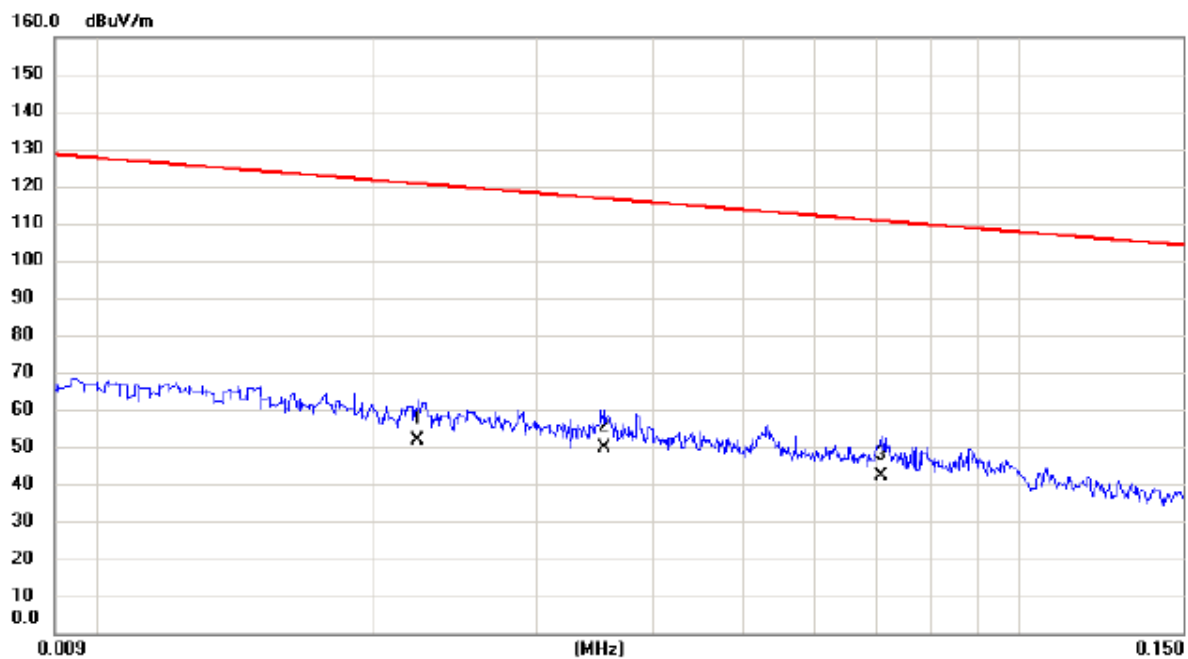
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3303	24.10	16.60	40.70	97.23	-56.53	AVG	
2	*	1.0320	19.20	15.88	35.08	67.33	-32.25	QP	
3		2.3962	18.10	15.40	33.50	69.54	-36.04	QP	

Test Mode: TX MODE(Adapter:RD1201000-C55-HMG)

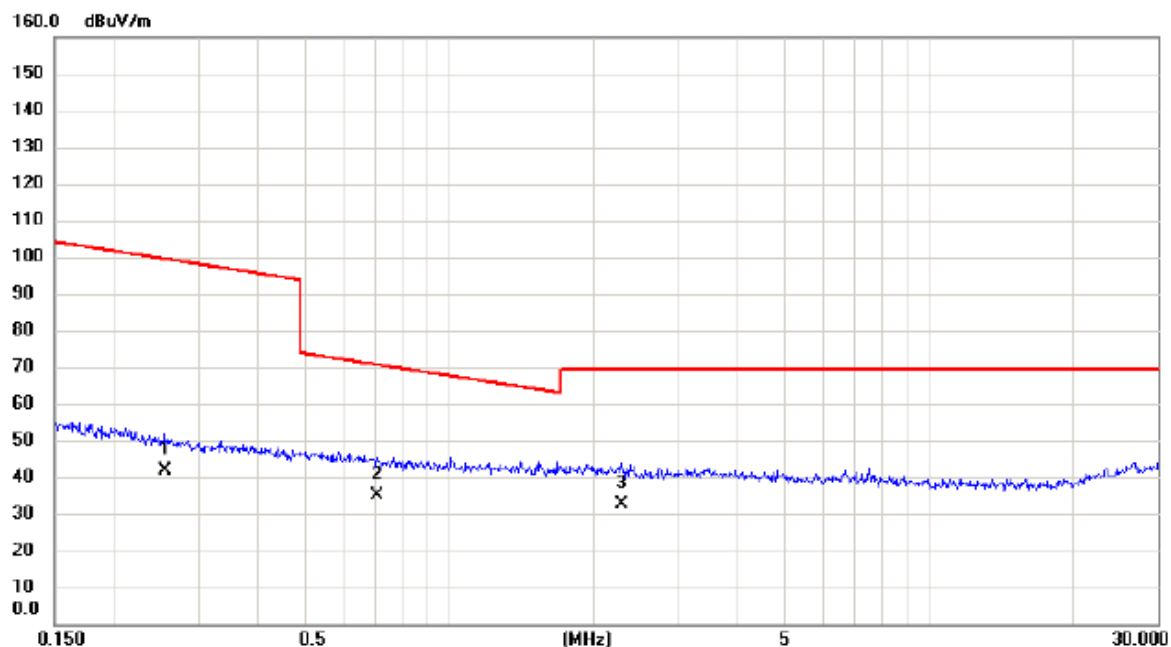
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0223	32.10	19.55	51.65	120.64	-68.99	AVG	
2	*	0.0355	30.50	19.16	49.66	116.60	-66.94	AVG	
3		0.0708	23.90	18.31	42.21	110.60	-68.39	AVG	

Test Mode: TX MODE(Adapter:RD1201000-C55-HMG)

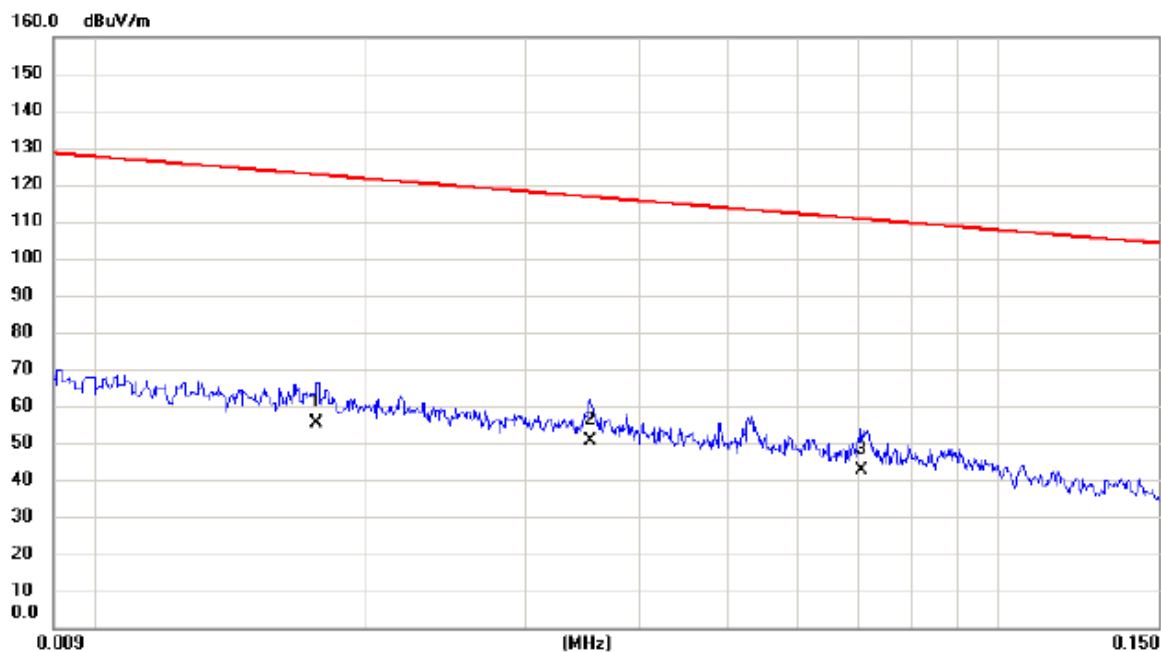
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2548	25.10	16.66	41.76	99.48	-57.72	AVG	
2	*	0.7084	18.60	16.23	34.83	70.60	-35.77	QP	
3		2.2847	17.10	15.43	32.53	69.54	-37.01	QP	

Test Mode: TX MODE(Adapter:RD1201000-C55-HMG)

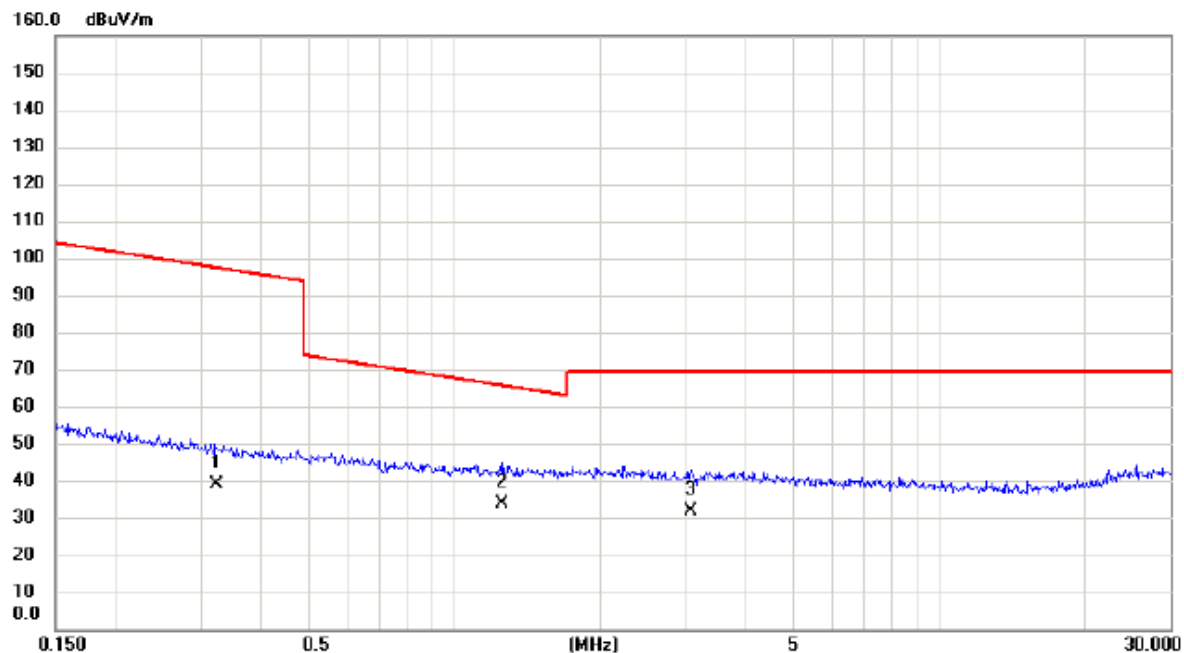
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0176	35.30	19.93	55.23	122.69	-67.46	AVG	
2	*	0.0353	31.60	19.16	50.76	116.65	-65.89	AVG	
3		0.0704	24.40	18.32	42.72	110.65	-67.93	AVG	

Test Mode: TX MODE(Adapter:RD1201000-C55-HMG)

Ant 90°

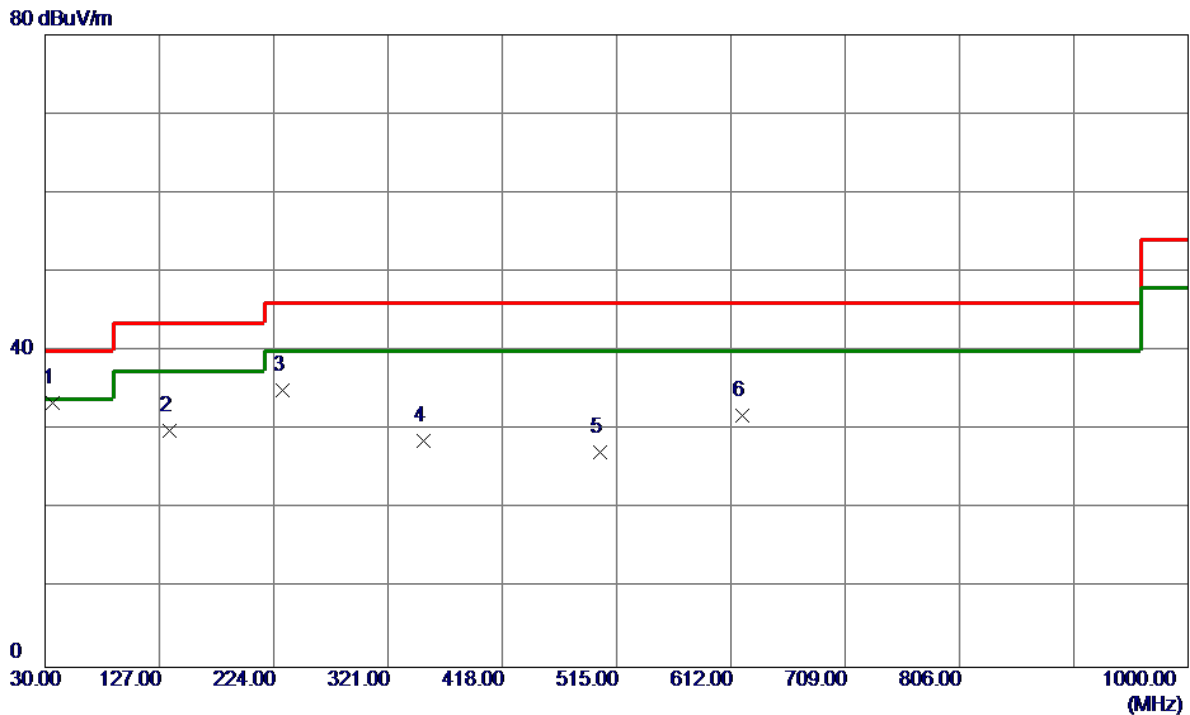


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3217	22.30	16.60	38.90	97.46	-58.56	AVG	
2	*	1.2555	18.20	15.80	34.00	65.63	-31.63	QP	
3		3.0738	16.60	15.21	31.81	69.54	-37.73	QP	

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

Test Mode: TX B MODE CHANNEL 01 (Adapter:LPL-F012120100ZH)

Vertical

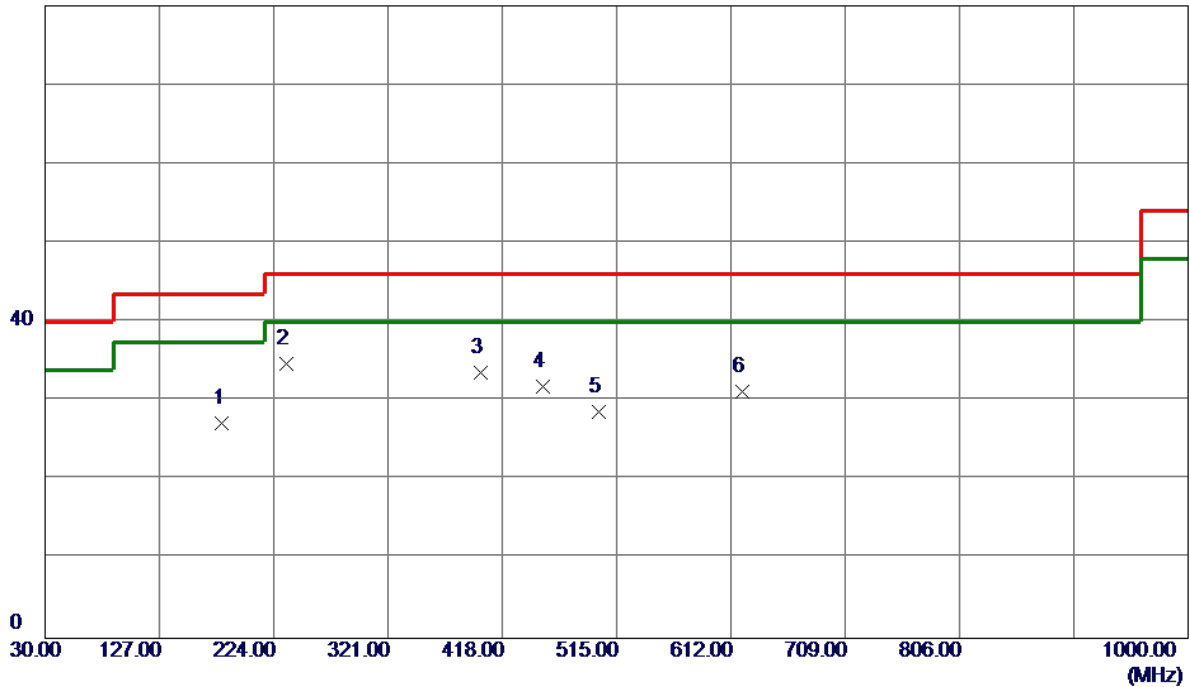


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	47.84	-14.41	33.43	40.00	-6.57	Peak	
2	135.7300	44.37	-14.43	29.94	43.50	-13.56	Peak	
3	231.7600	49.16	-14.17	34.99	46.00	-11.01	Peak	
4	351.0700	40.62	-11.94	28.68	46.00	-17.32	Peak	
5	501.4200	35.85	-8.69	27.16	46.00	-18.84	Peak	
6	621.7000	37.82	-6.01	31.81	46.00	-14.19	Peak	

Test Mode: TX B MODE CHANNEL 01 (Adapter:LPL-F012120100ZH)

Horizontal

80 dBuV/m

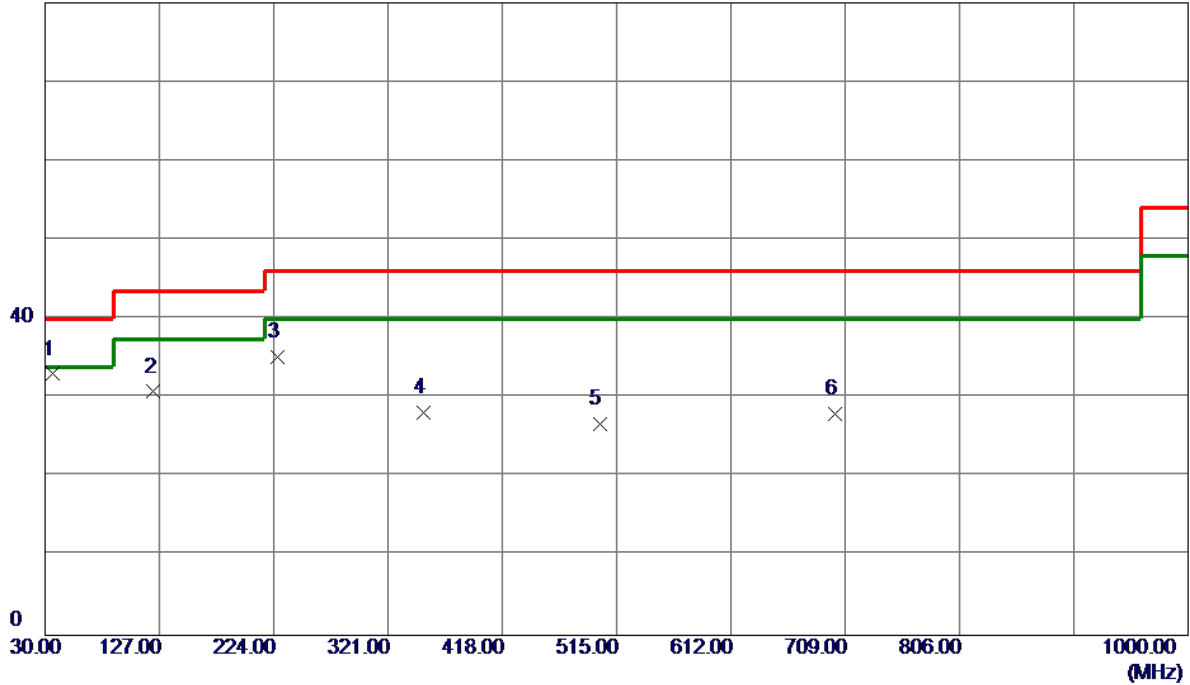


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	180.3500	39.27	-12.07	27.20	43.50	-16.30	Peak	
2 *	234.6700	48.98	-14.24	34.74	46.00	-11.26	Peak	
3	399.5700	44.98	-11.37	33.61	46.00	-12.39	Peak	
4	452.9200	41.73	-9.87	31.86	46.00	-14.14	Peak	
5	499.4800	37.36	-8.73	28.63	46.00	-17.37	Peak	
6	621.7000	37.17	-6.01	31.16	46.00	-14.84	Peak	

Test Mode: TX B MODE CHANNEL 06 (Adapter:LPL-F012120100ZH)

Vertical

80 dBuV/m

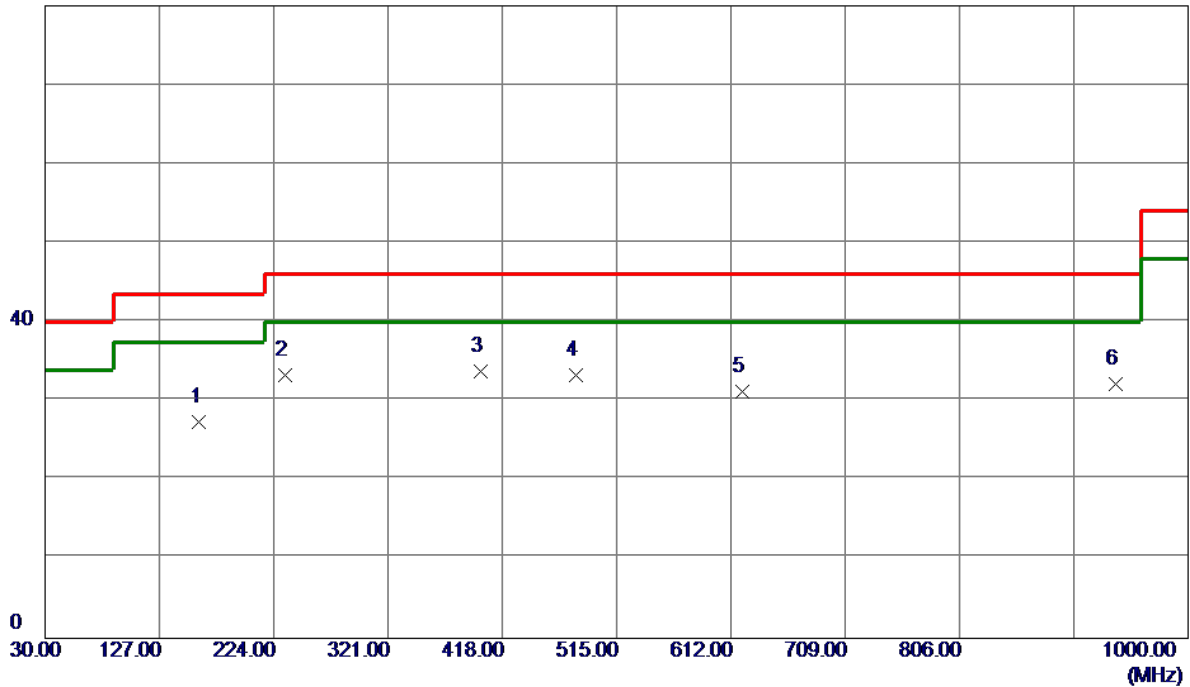


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	47.45	-14.41	33.04	40.00	-6.96	Peak	
2	122.1500	46.05	-15.25	30.80	43.50	-12.70	Peak	
3	226.9100	49.33	-14.06	35.27	46.00	-10.73	Peak	
4	351.0700	40.15	-11.94	28.21	46.00	-17.79	Peak	
5	500.4500	35.47	-8.71	26.76	46.00	-19.24	Peak	
6	700.2700	31.89	-3.93	27.96	46.00	-18.04	Peak	

Test Mode: TX B MODE CHANNEL 06 (Adapter:LPL-F012120100ZH)

Horizontal

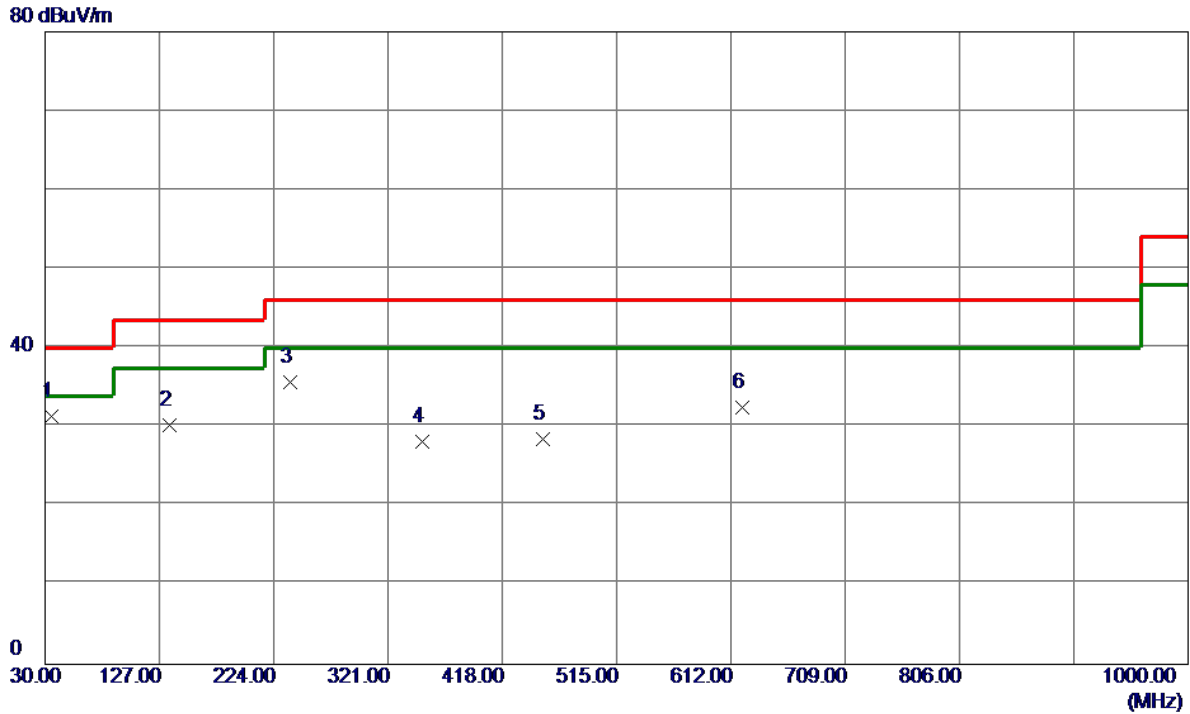
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	160.9500	40.27	-12.87	27.40	43.50	-16.10	Peak	
2	233.7000	47.49	-14.22	33.27	46.00	-12.73	Peak	
3 *	399.5700	45.14	-11.37	33.77	46.00	-12.23	Peak	
4	480.0800	42.42	-9.21	33.21	46.00	-12.79	Peak	
5	621.7000	37.24	-6.01	31.23	46.00	-14.77	Peak	
6	938.8900	30.36	1.78	32.14	46.00	-13.86	Peak	

Test Mode: TX B MODE CHANNEL 11 (Adapter:LPL-F012120100ZH)

Vertical

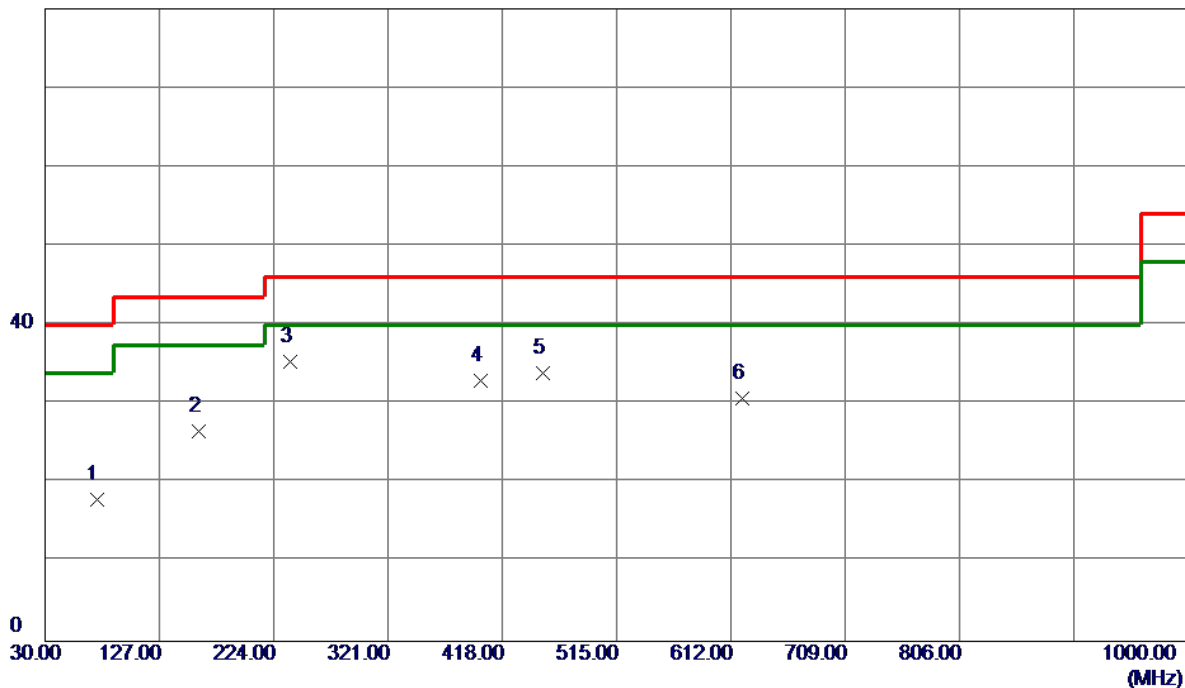


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	35.8200	45.90	-14.51	31.39	40.00	-8.61	Peak	
2	135.7300	44.65	-14.43	30.22	43.50	-13.28	Peak	
3	237.5800	49.92	-14.30	35.62	46.00	-10.38	Peak	
4	350.1000	40.10	-11.95	28.15	46.00	-17.85	Peak	
5	452.9200	38.31	-9.87	28.44	46.00	-17.56	Peak	
6	621.7000	38.43	-6.01	32.42	46.00	-13.58	Peak	

Test Mode: TX B MODE CHANNEL 11 (Adapter:LPL-F012120100ZH)

Horizontal

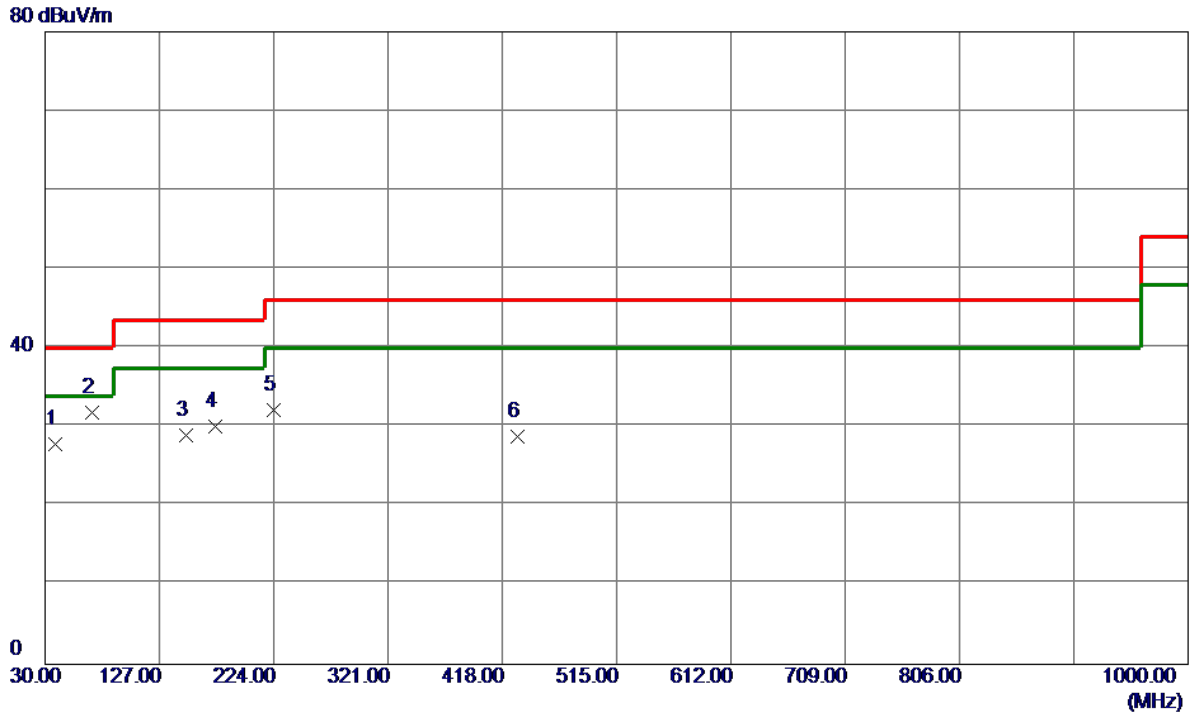
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	73.6500	34.84	-16.93	17.91	40.00	-22.09	Peak	
2	159.9800	39.49	-12.93	26.56	43.50	-16.94	Peak	
3 *	237.5800	49.70	-14.30	35.40	46.00	-10.60	Peak	
4	399.5700	44.32	-11.37	32.95	46.00	-13.05	Peak	
5	452.9200	43.84	-9.87	33.97	46.00	-12.03	Peak	
6	621.7000	36.78	-6.01	30.77	46.00	-15.23	Peak	

Test Mode: TX B MODE CHANNEL 01(Adapter:RD1201000-C55-HMG)

Vertical

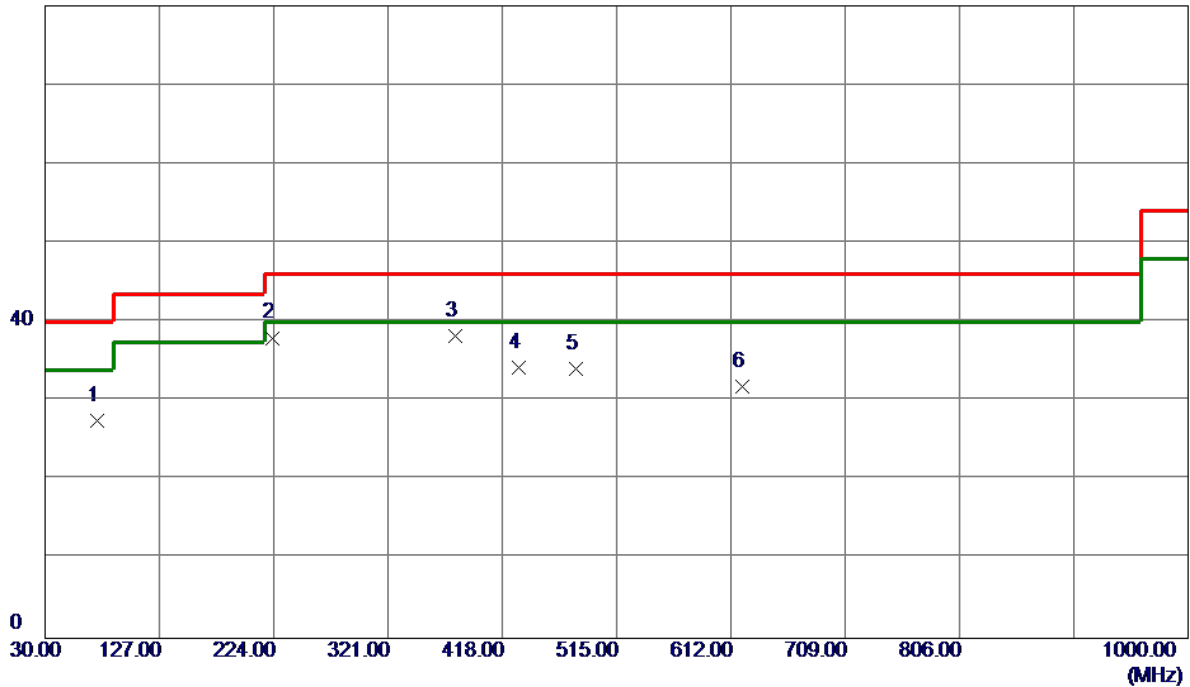


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	38.7300	42.05	-14.16	27.89	40.00	-12.11	Peak	
2 *	69.7699	48.36	-16.46	31.90	40.00	-8.10	Peak	
3	149.3100	42.46	-13.57	28.89	43.50	-14.61	Peak	
4	174.5300	42.28	-12.20	30.08	43.50	-13.42	Peak	
5	224.0000	46.16	-13.99	32.17	46.00	-13.83	Peak	
6	430.6100	39.31	-10.49	28.82	46.00	-17.18	Peak	

Test Mode: TX B MODE CHANNEL 01(Adapter:RD1201000-C55-HMG)

Horizontal

80 dBuV/m

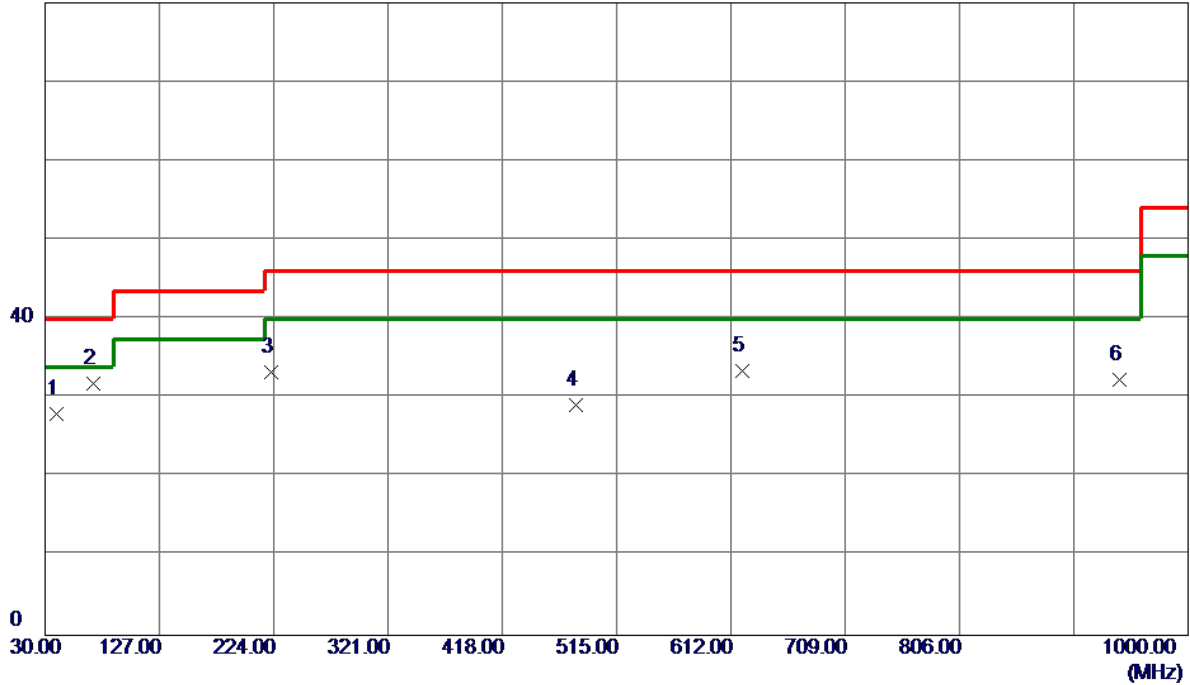


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	74.6200	44.54	-17.04	27.50	40.00	-12.50	Peak	
2	223.0300	51.97	-13.97	38.00	46.00	-8.00	Peak	
3 *	378.2300	49.80	-11.62	38.18	46.00	-7.82	Peak	
4	431.5800	44.73	-10.46	34.27	46.00	-11.73	Peak	
5	480.0800	43.30	-9.21	34.09	46.00	-11.91	Peak	
6	621.7000	37.78	-6.01	31.77	46.00	-14.23	Peak	

Test Mode: TX B MODE CHANNEL 06(Adapter:RD1201000-C55-HMG)

Vertical

80 dBuV/m

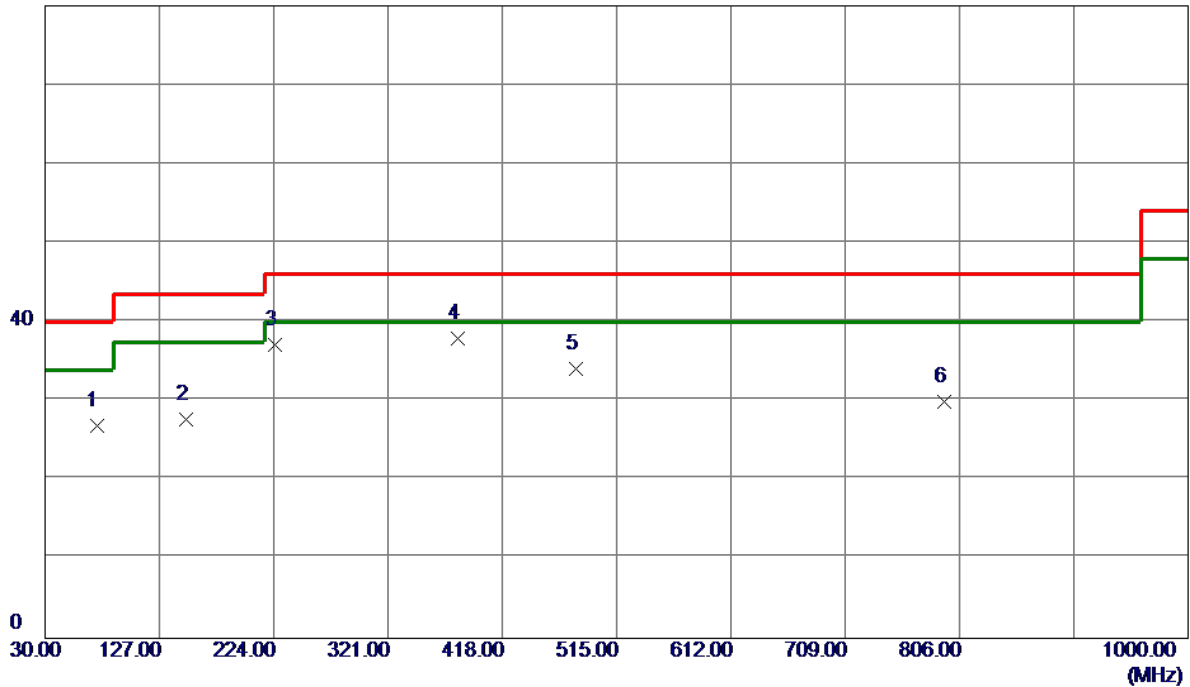


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	39.7000	41.93	-14.00	27.93	40.00	-12.07	Peak	
2 *	70.7400	48.48	-16.60	31.88	40.00	-8.12	Peak	
3	222.0600	47.18	-13.95	33.23	46.00	-12.77	Peak	
4	480.0800	38.33	-9.21	29.12	46.00	-16.88	Peak	
5	621.7000	39.49	-6.01	33.48	46.00	-12.52	Peak	
6	941.8000	30.48	1.84	32.32	46.00	-13.68	Peak	

Test Mode: TX B MODE CHANNEL 06(Adapter:RD1201000-C55-HMG)

Horizontal

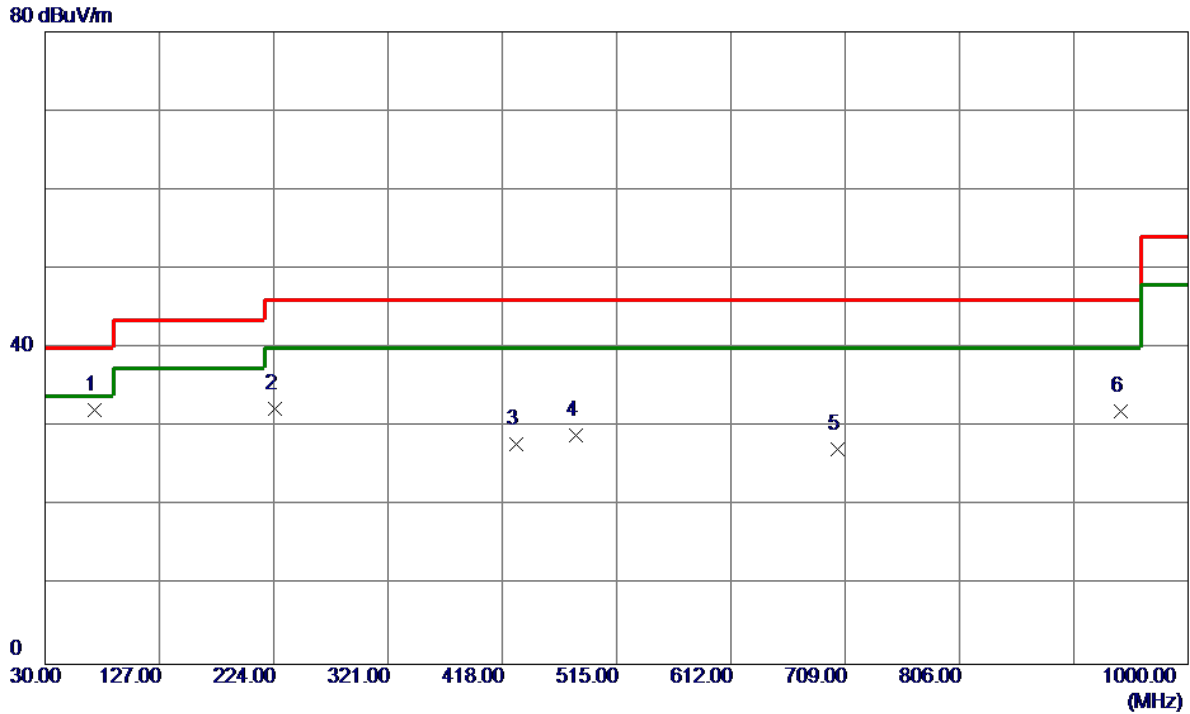
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	73.6500	43.84	-16.93	26.91	40.00	-13.09	Peak	
2	149.3100	41.24	-13.57	27.67	43.50	-15.83	Peak	
3	224.9700	51.10	-14.02	37.08	46.00	-8.92	Peak	
4 *	380.1700	49.48	-11.60	37.88	46.00	-8.12	Peak	
5	480.0800	43.27	-9.21	34.06	46.00	-11.94	Peak	
6	793.3900	31.36	-1.50	29.86	46.00	-16.14	Peak	

Test Mode: TX B MODE CHANNEL 11(Adapter:RD1201000-C55-HMG)

Vertical

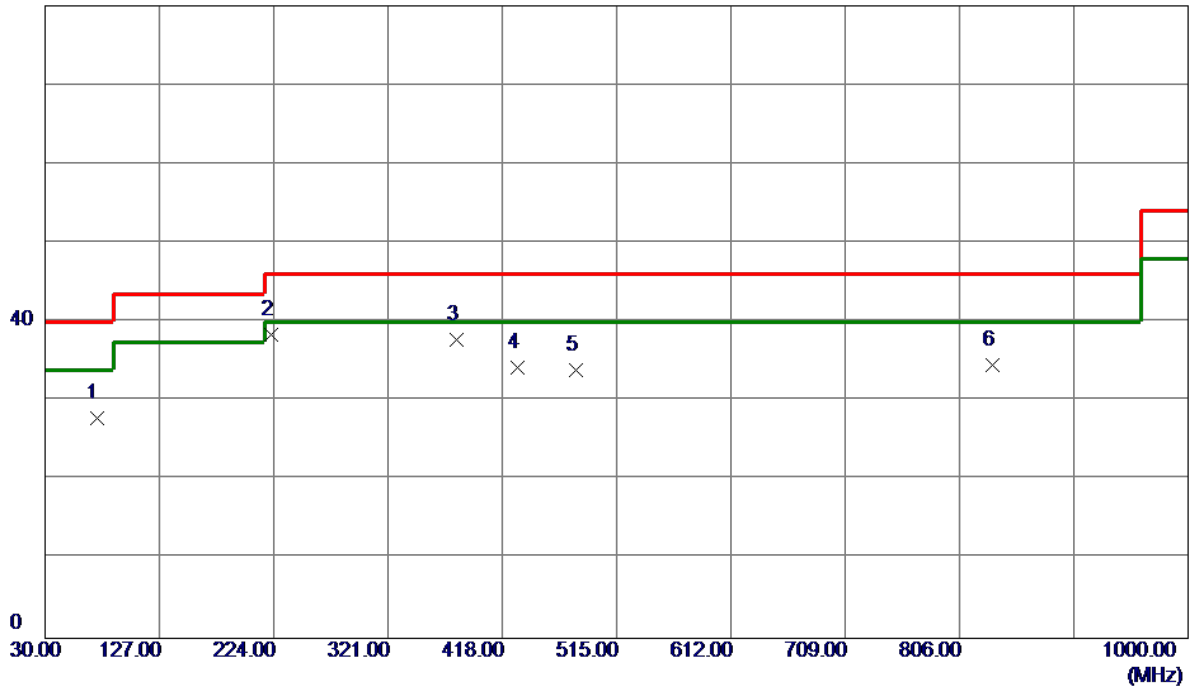


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	71.7100	48.91	-16.71	32.20	40.00	-7.80	Peak	
2	224.9700	46.37	-14.02	32.35	46.00	-13.65	Peak	
3	429.6400	38.41	-10.52	27.89	46.00	-18.11	Peak	
4	480.0800	38.15	-9.21	28.94	46.00	-17.06	Peak	
5	702.2100	31.10	-3.87	27.23	46.00	-18.77	Peak	
6	942.7700	30.18	1.86	32.04	46.00	-13.96	Peak	

Test Mode: TX B MODE CHANNEL 11(Adapter:RD1201000-C55-HMG)

Horizontal

80 dBuV/m



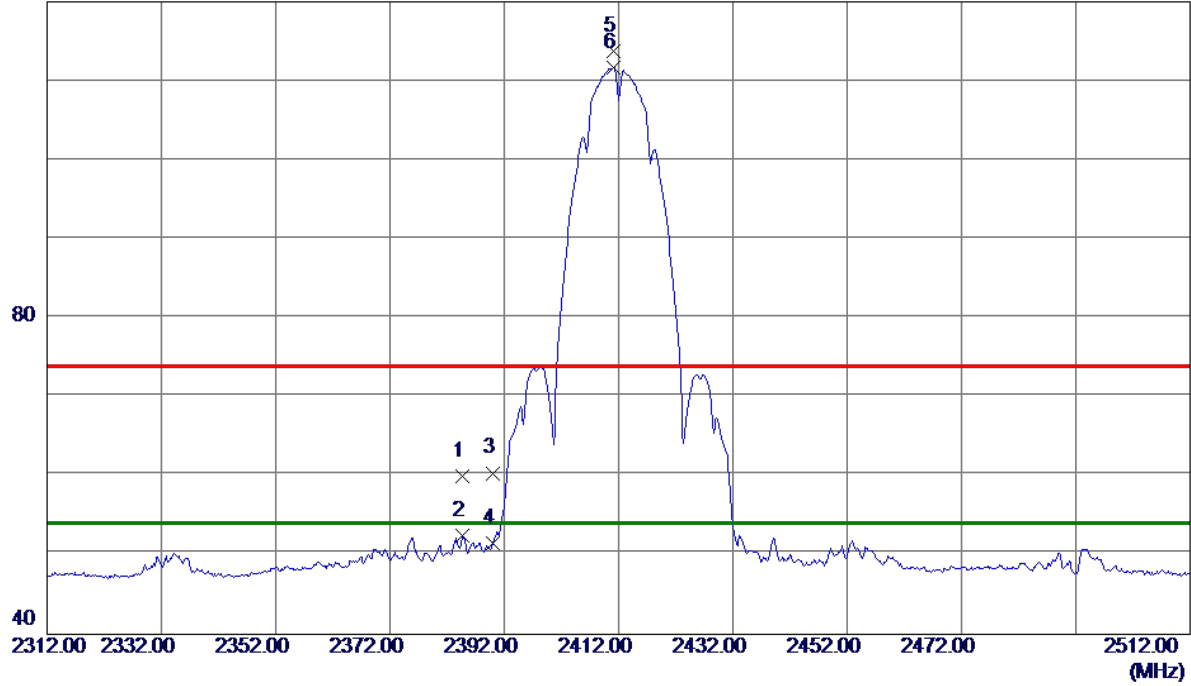
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	73.6500	44.81	-16.93	27.88	40.00	-12.12	Peak	
2 *	222.0600	52.28	-13.95	38.33	46.00	-7.67	Peak	
3	379.2000	49.30	-11.61	37.69	46.00	-8.31	Peak	
4	430.6100	44.68	-10.49	34.19	46.00	-11.81	Peak	
5	480.0800	43.06	-9.21	33.85	46.00	-12.15	Peak	
6	834.1300	35.01	-0.43	34.58	46.00	-11.42	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

120 dBuV/m

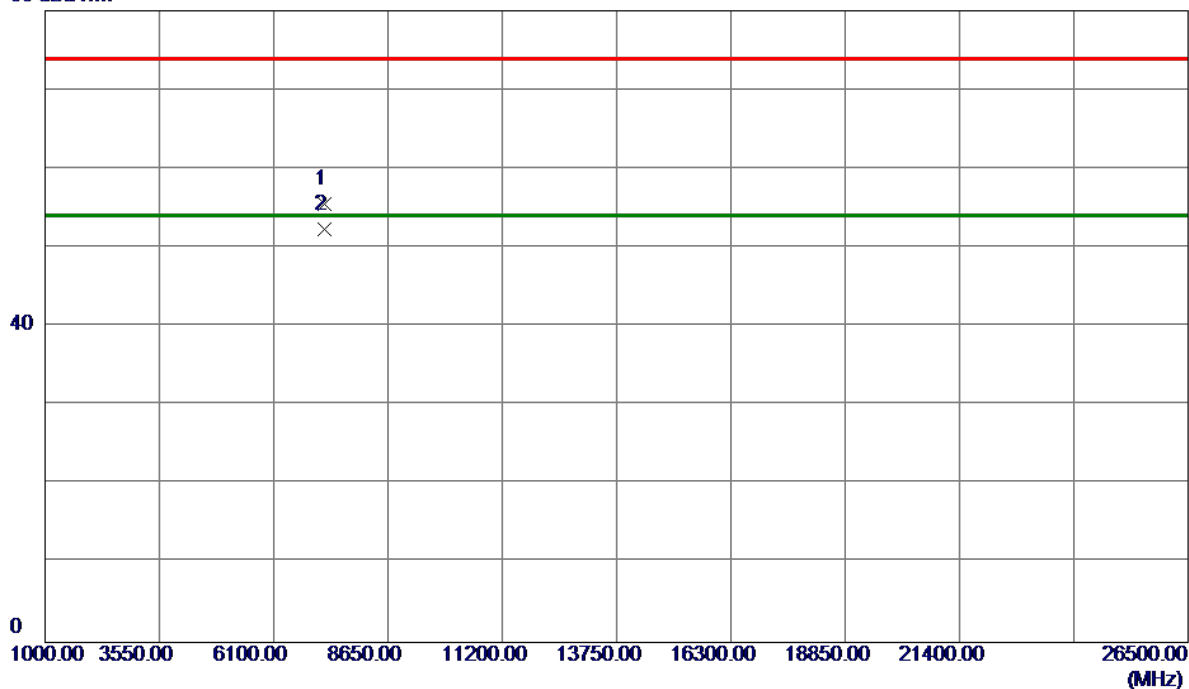


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2384.6000	40.86	19.12	59.98	74.00	-14.02	Peak	
2	2384.6000	33.32	19.12	52.44	54.00	-1.56	AVG	
3	2390.0000	41.26	19.14	60.40	74.00	-13.60	Peak	
4	2390.0000	32.44	19.14	51.58	54.00	-2.42	AVG	
5	2411.2000	94.59	19.22	113.81	74.00	39.81	Peak	No Limit
6 *	2411.2000	92.52	19.22	111.74	54.00	57.74	AVG	No Limit

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

Vertical

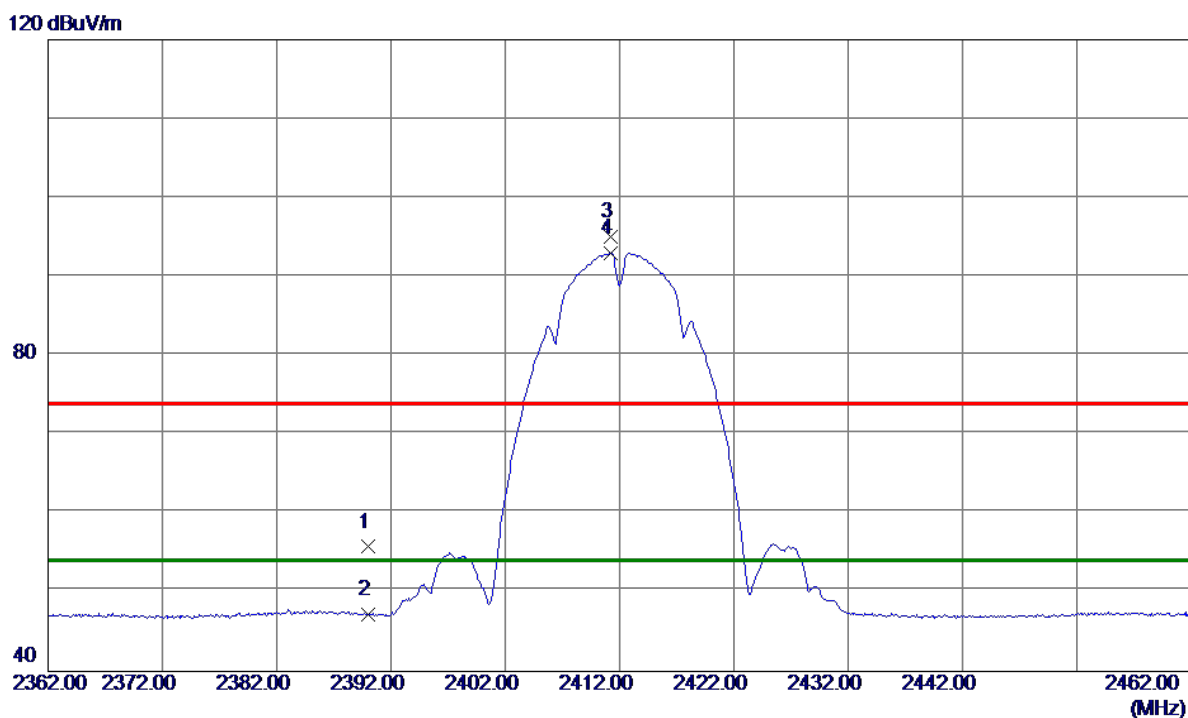
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7234.9100	42.32	13.16	55.48	74.00	-18.52	Peak	
2 *	7236.7800	39.14	13.16	52.30	54.00	-1.70	AVG	

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

Horizontal

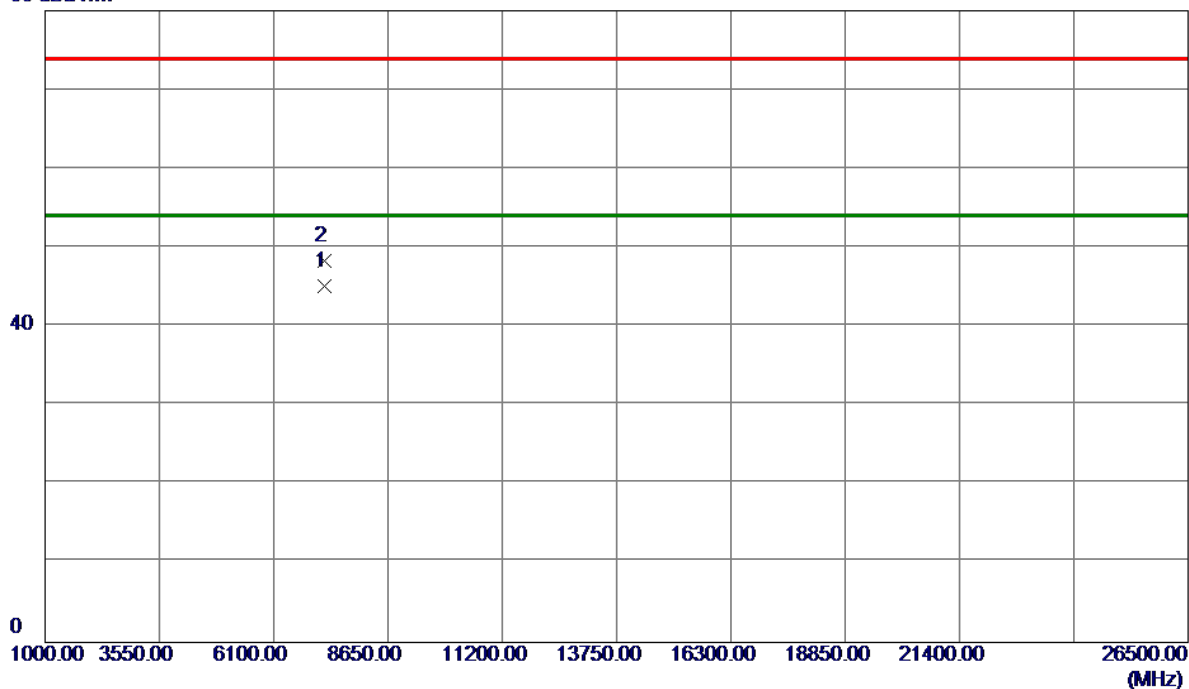


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	36.62	19.14	55.76	74.00	-18.24	Peak	
2	2390.0000	28.10	19.14	47.24	54.00	-6.76	AVG	
3	2411.2000	75.85	19.22	95.07	74.00	21.07	Peak	No Limit
4 *	2411.2000	73.79	19.22	93.01	54.00	39.01	AVG	No Limit

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

Horizontal

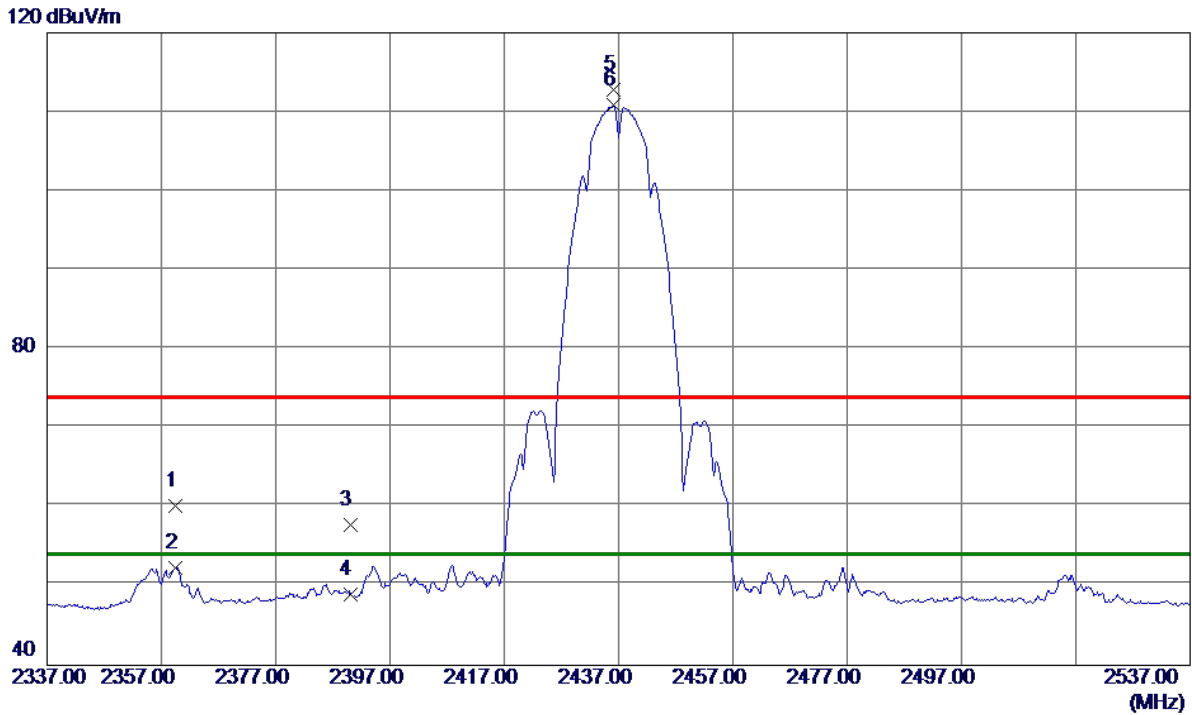
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7235.2100	32.02	13.16	45.18	54.00	-8.82	AVG	
2	7237.8000	35.22	13.16	48.38	74.00	-25.62	Peak	

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

Vertical

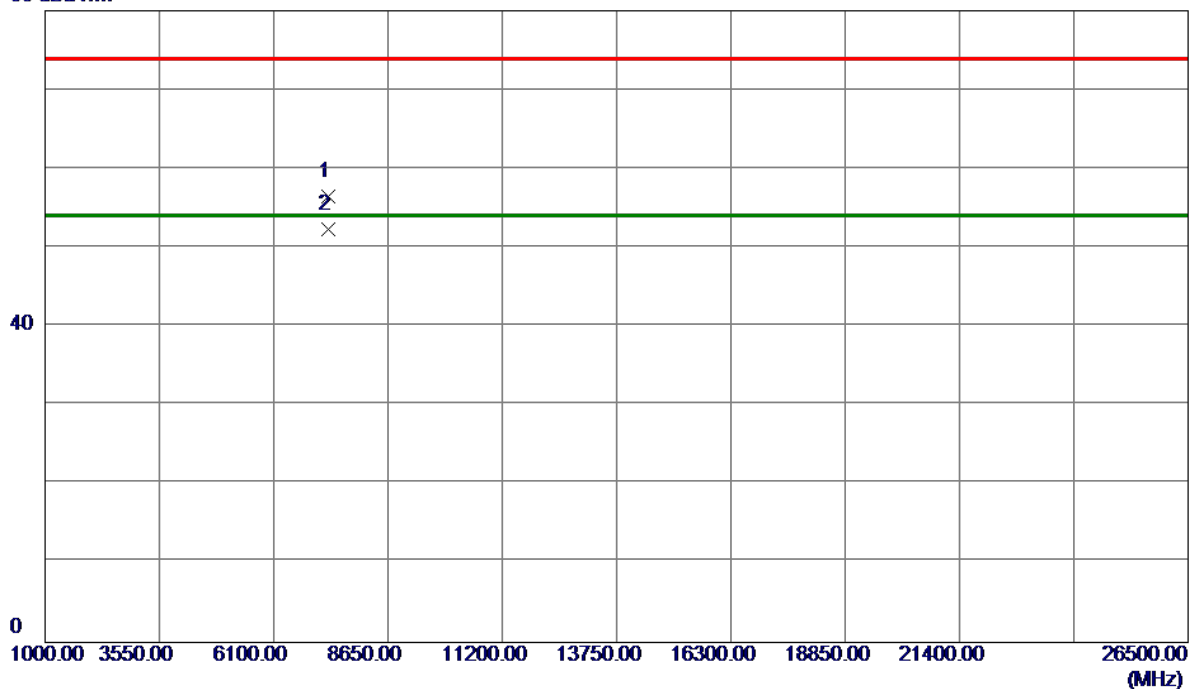


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2359.4000	41.14	19.02	60.16	74.00	-13.84	Peak	
2	2359.4000	33.37	19.02	52.39	54.00	-1.61	AVG	
3	2390.0000	38.58	19.14	57.72	74.00	-16.28	Peak	
4	2390.0000	29.85	19.14	48.99	54.00	-5.01	AVG	
5	2436.2000	93.56	19.31	112.87	74.00	38.87	Peak	No Limit
6 *	2436.2000	91.50	19.31	110.81	54.00	56.81	AVG	No Limit

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

Vertical

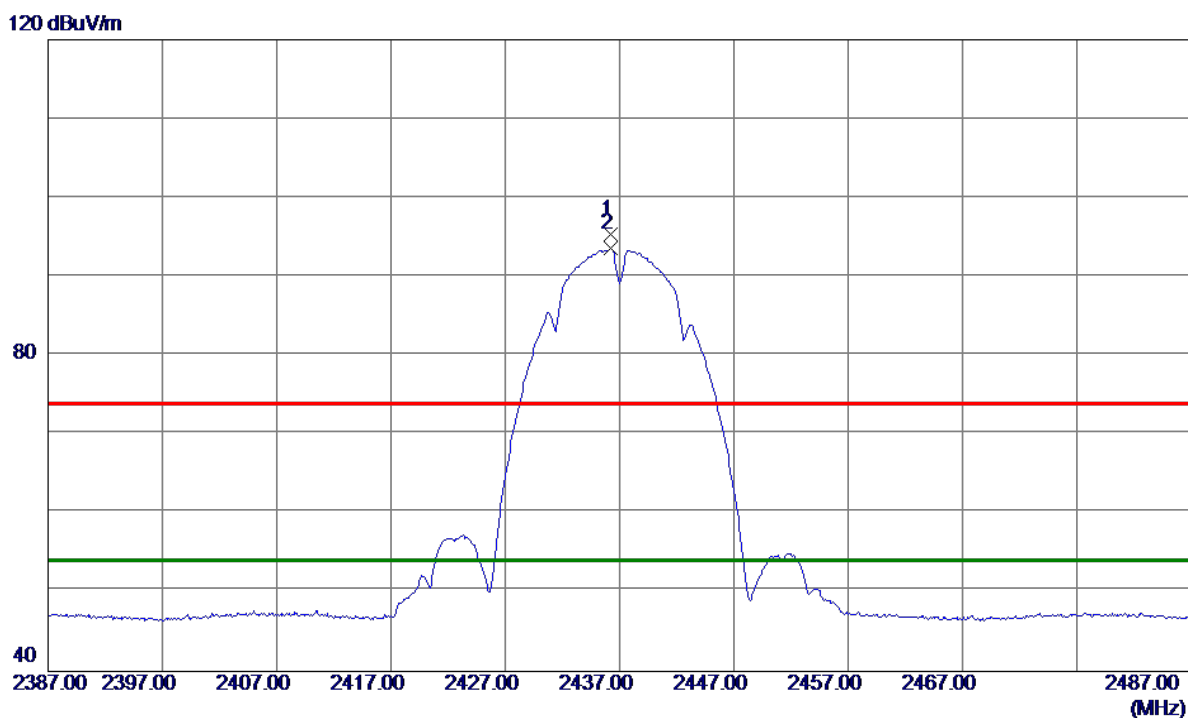
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7309.8800	43.27	13.21	56.48	74.00	-17.52	Peak	
2 *	7310.2000	39.07	13.21	52.28	54.00	-1.72	AVG	

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

Horizontal

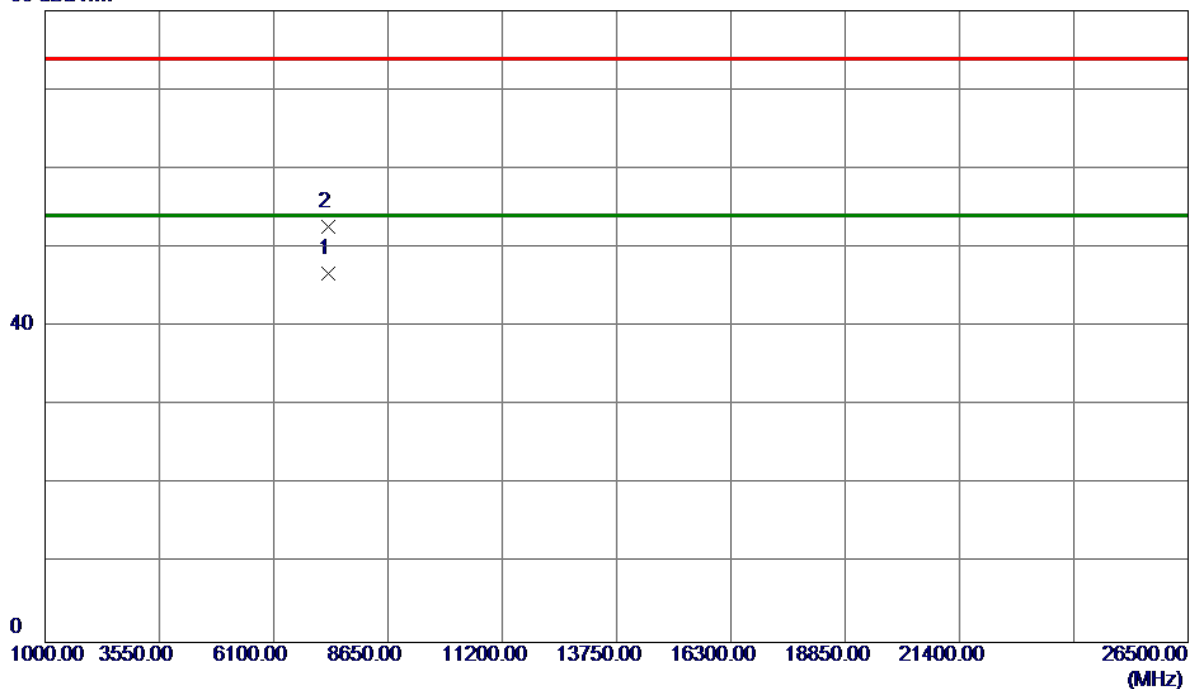


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2436.2000	76.12	19.31	95.43	74.00	21.43	Peak	No Limit
2 *	2436.2000	74.22	19.31	93.53	54.00	39.53	AVG	No Limit

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

Horizontal

80 dBuV/m

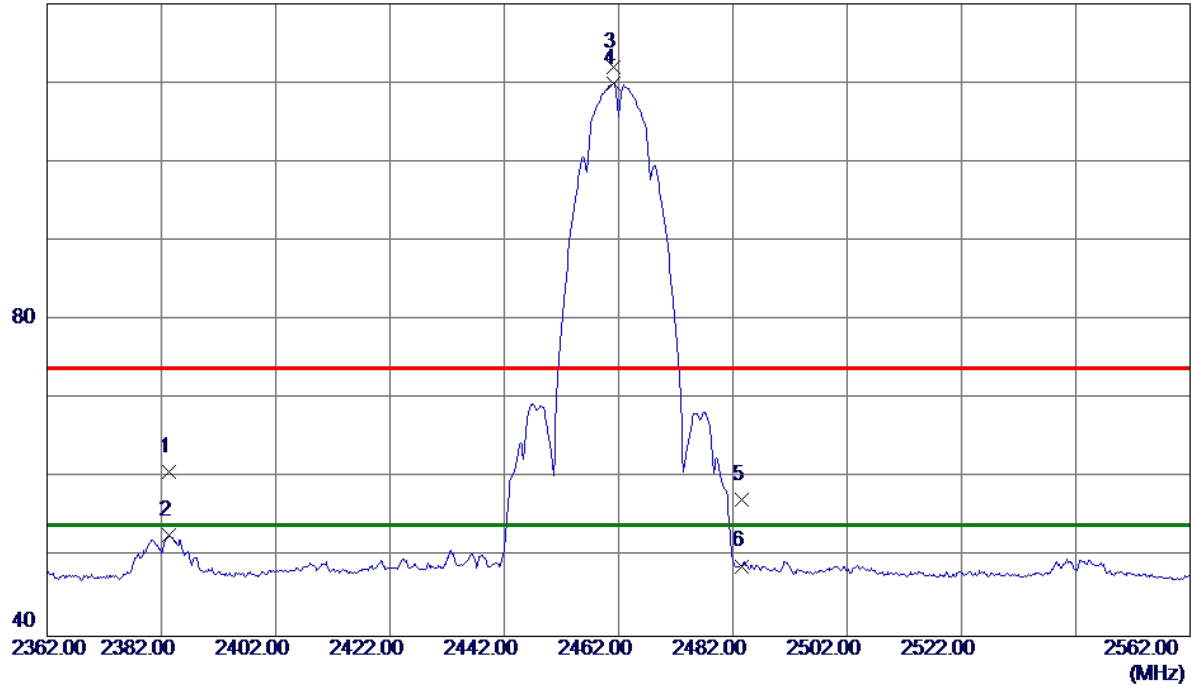


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7310.1700	33.55	13.21	46.76	54.00	-7.24	AVG	
2	7310.2200	39.37	13.21	52.58	74.00	-21.42	Peak	

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

Vertical

120 dBuV/m

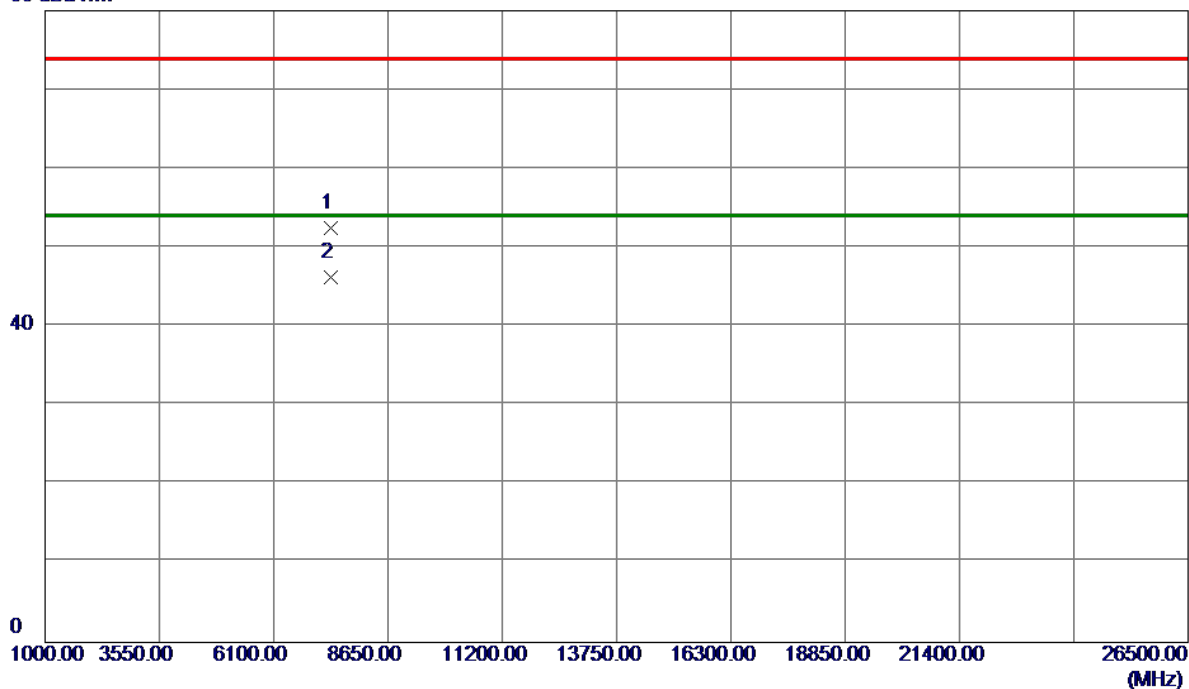


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2383.4000	41.72	19.11	60.83	74.00	-13.17	Peak	
2	2383.4000	33.73	19.11	52.84	54.00	-1.16	AVG	
3	2461.2000	92.67	19.40	112.07	74.00	38.07	Peak	No Limit
4 *	2461.2000	90.58	19.40	109.98	54.00	55.98	AVG	No Limit
5	2483.5000	37.73	19.48	57.21	74.00	-16.79	Peak	
6	2483.5000	29.40	19.48	48.88	54.00	-5.12	AVG	

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

Vertical

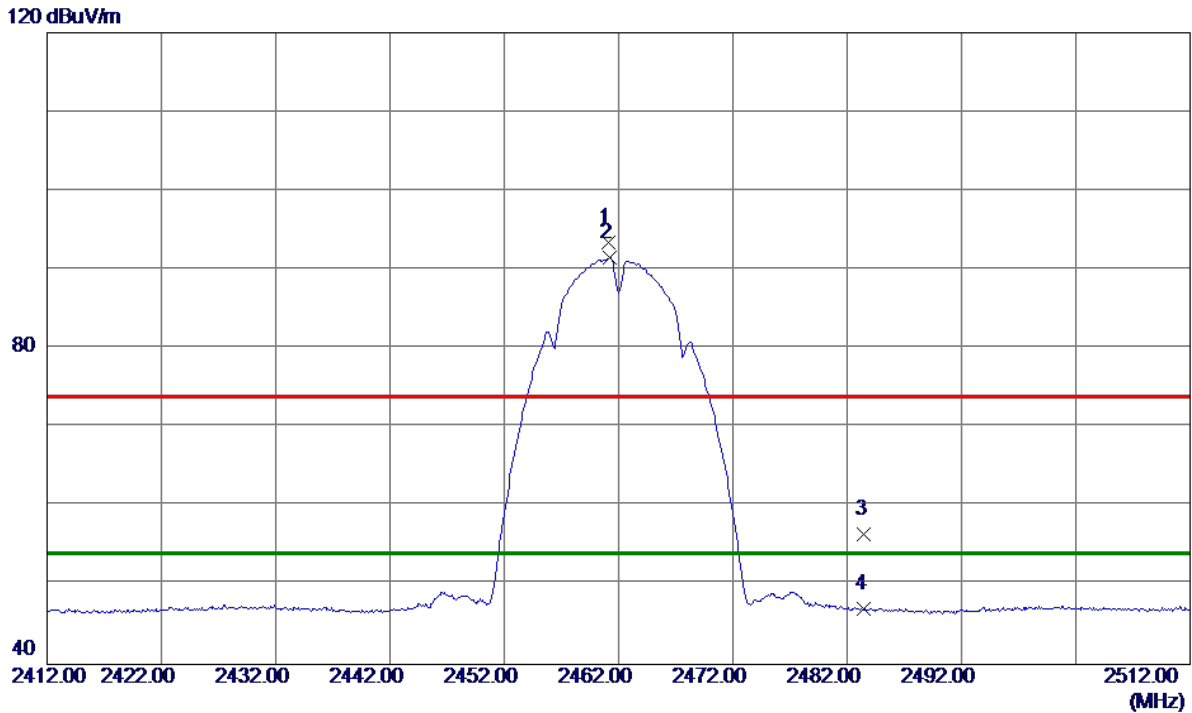
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7383.9000	39.14	13.27	52.41	74.00	-21.59	Peak	
2 *	7385.2300	32.97	13.27	46.24	54.00	-7.76	AVG	

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

Horizontal

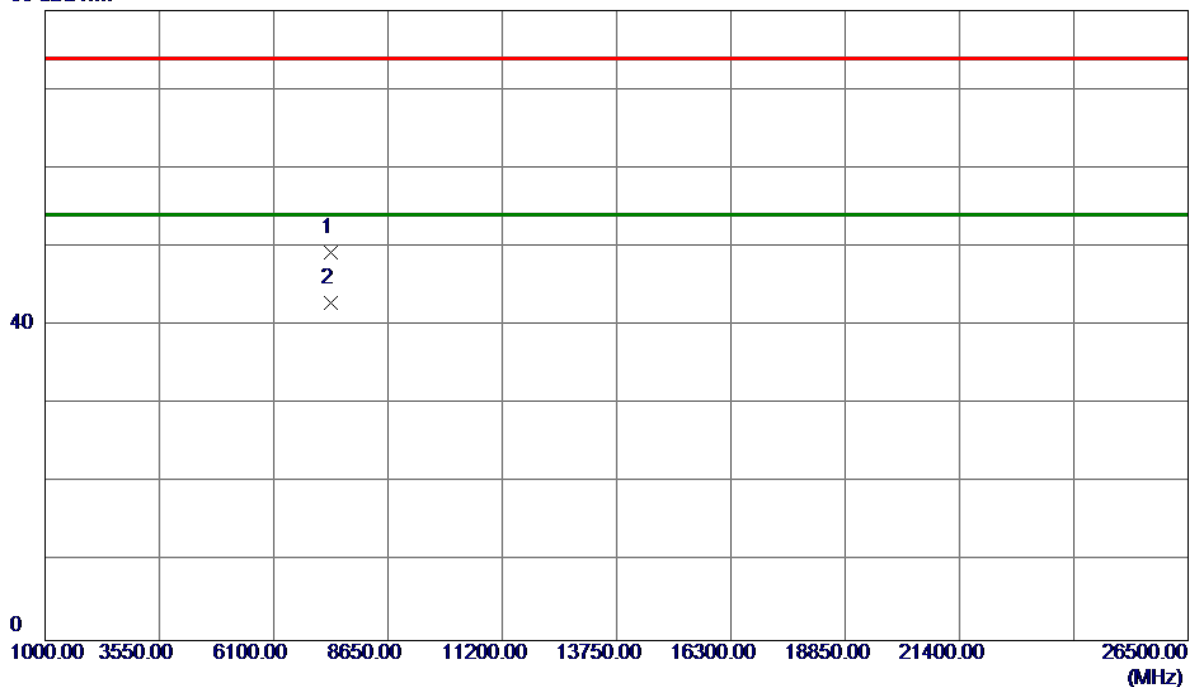


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.1000	74.10	19.40	93.50	74.00	19.50	Peak	No Limit
2 *	2461.2000	72.07	19.40	91.47	54.00	37.47	AVG	No Limit
3	2483.5000	37.04	19.48	56.52	74.00	-17.48	Peak	
4	2483.5000	27.50	19.48	46.98	54.00	-7.02	AVG	

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

Horizontal

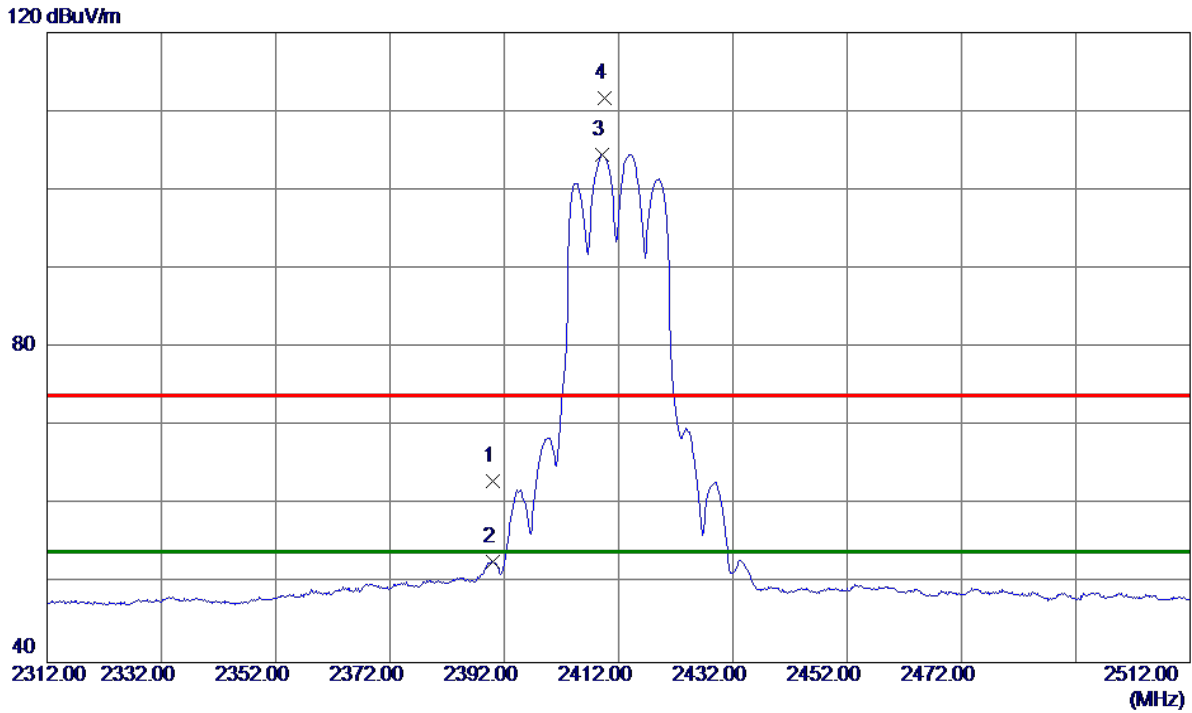
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7385.9000	35.95	13.27	49.22	74.00	-24.78	Peak	
2 *	7386.7500	29.61	13.27	42.88	54.00	-11.12	AVG	

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

Vertical

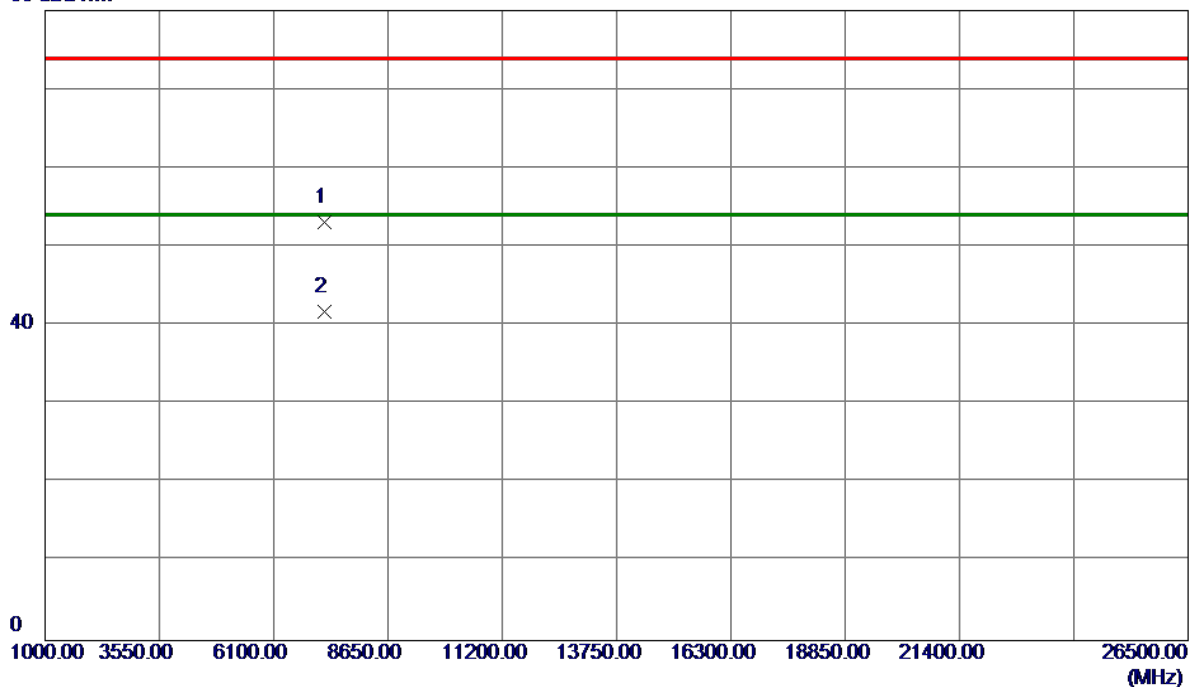


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	43.92	19.14	63.06	74.00	-10.94	Peak	
2	2390.0000	33.61	19.14	52.75	54.00	-1.25	AVG	
3 *	2409.2000	85.32	19.21	104.53	54.00	50.53	AVG	No Limit
4	2409.6000	92.47	19.21	111.68	74.00	37.68	Peak	No Limit

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

Vertical

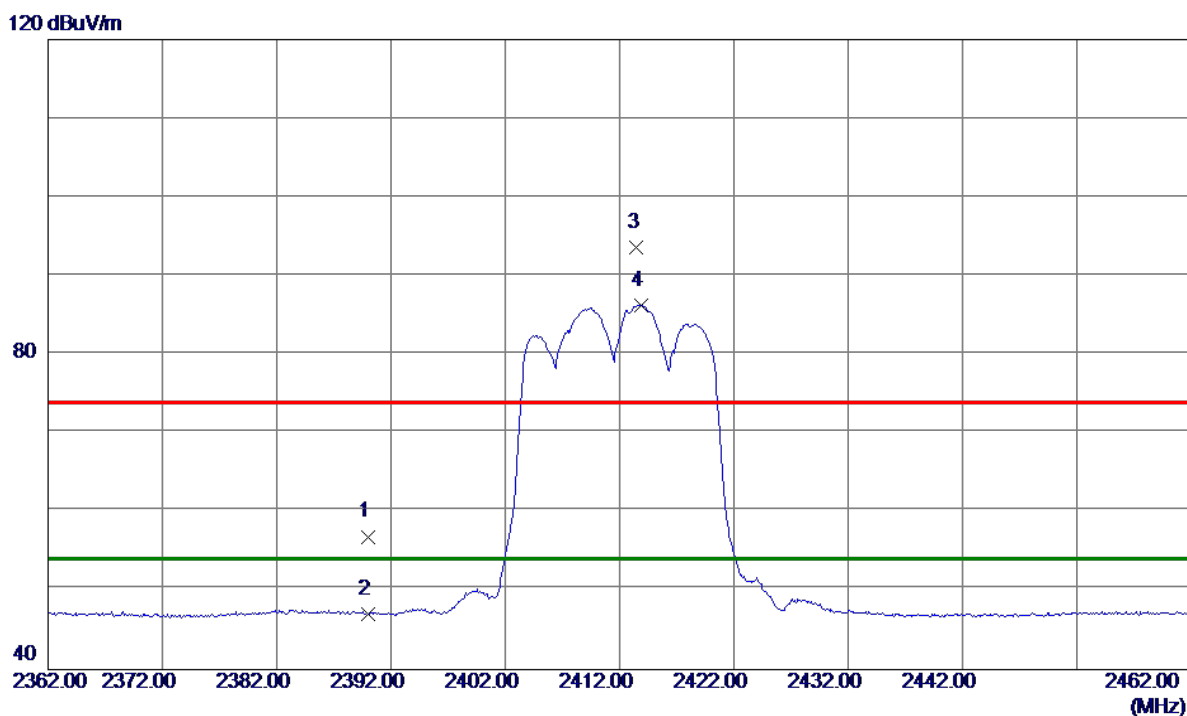
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7234.0000	39.97	13.16	53.13	74.00	-20.87	Peak	
2 *	7235.2500	28.60	13.16	41.76	54.00	-12.24	AVG	

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

Horizontal

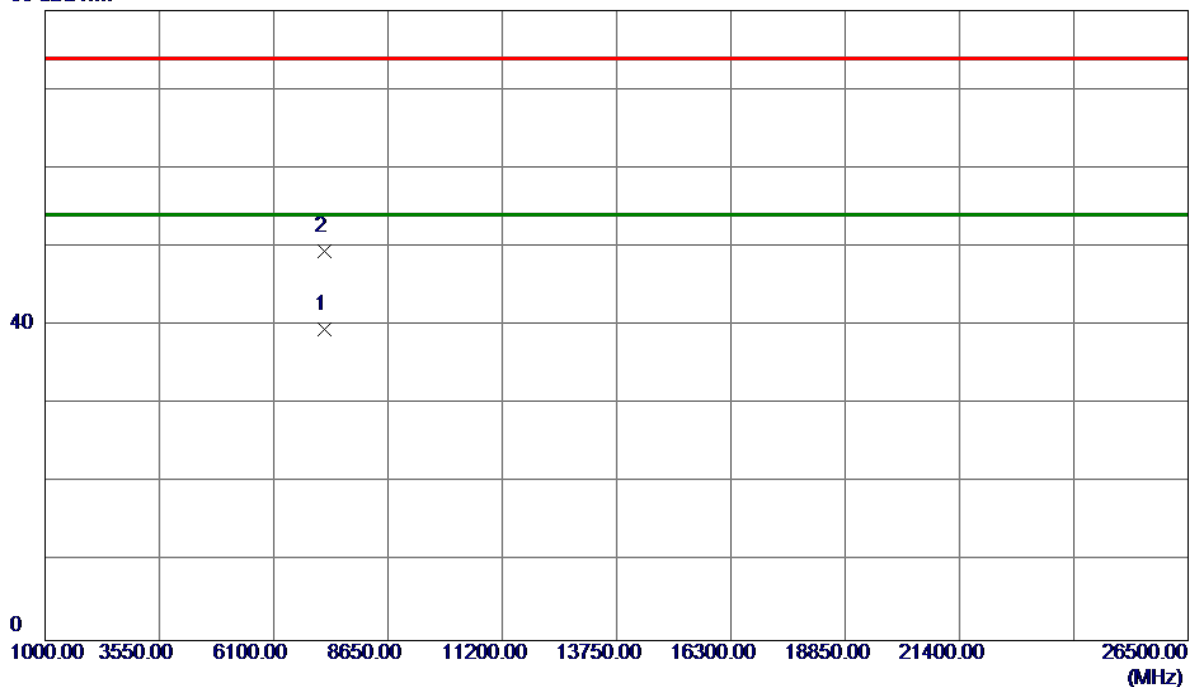


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	37.74	19.14	56.88	74.00	-17.12	Peak	
2	2390.0000	27.94	19.14	47.08	54.00	-6.92	AVG	
3	2413.5000	74.38	19.22	93.60	74.00	19.60	Peak	No Limit
4 *	2413.9000	67.04	19.23	86.27	54.00	32.27	AVG	No Limit

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

Horizontal

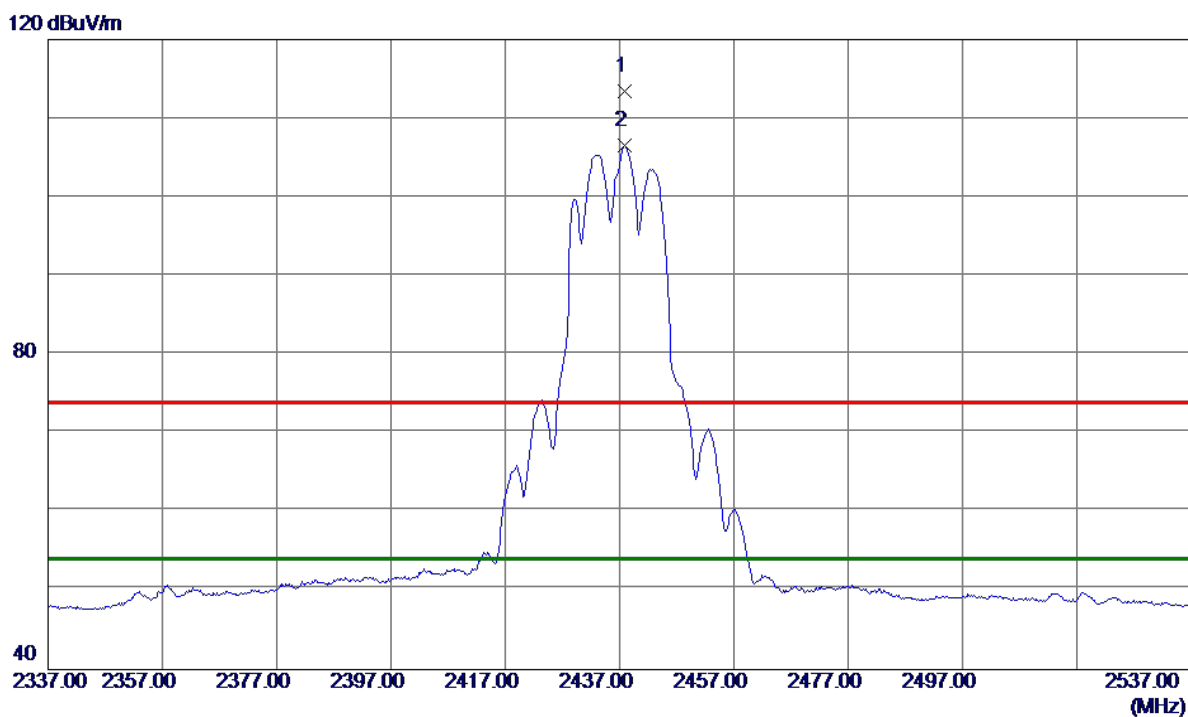
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7236.2500	26.36	13.16	39.52	54.00	-14.48	AVG	
2	7241.1500	36.29	13.16	49.45	74.00	-24.55	Peak	

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

Vertical

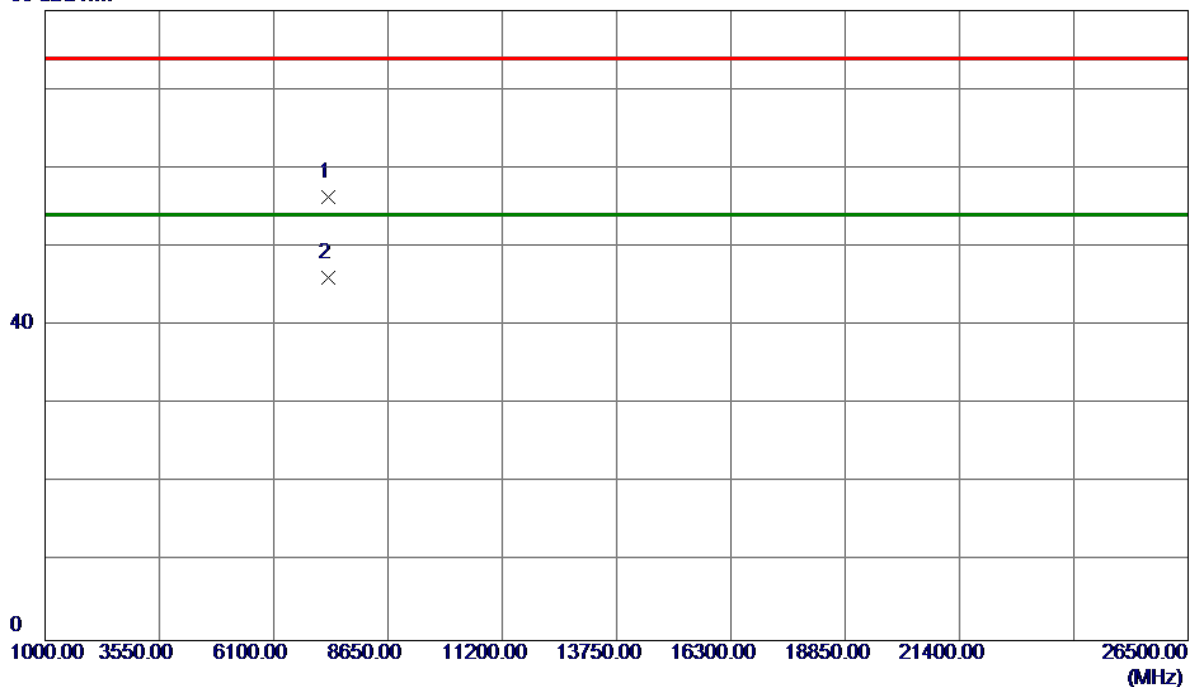


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2437.8000	94.10	19.31	113.41	74.00	39.41	Peak	No Limit
2 *	2437.8000	87.22	19.31	106.53	54.00	52.53	AVG	No Limit

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

Vertical

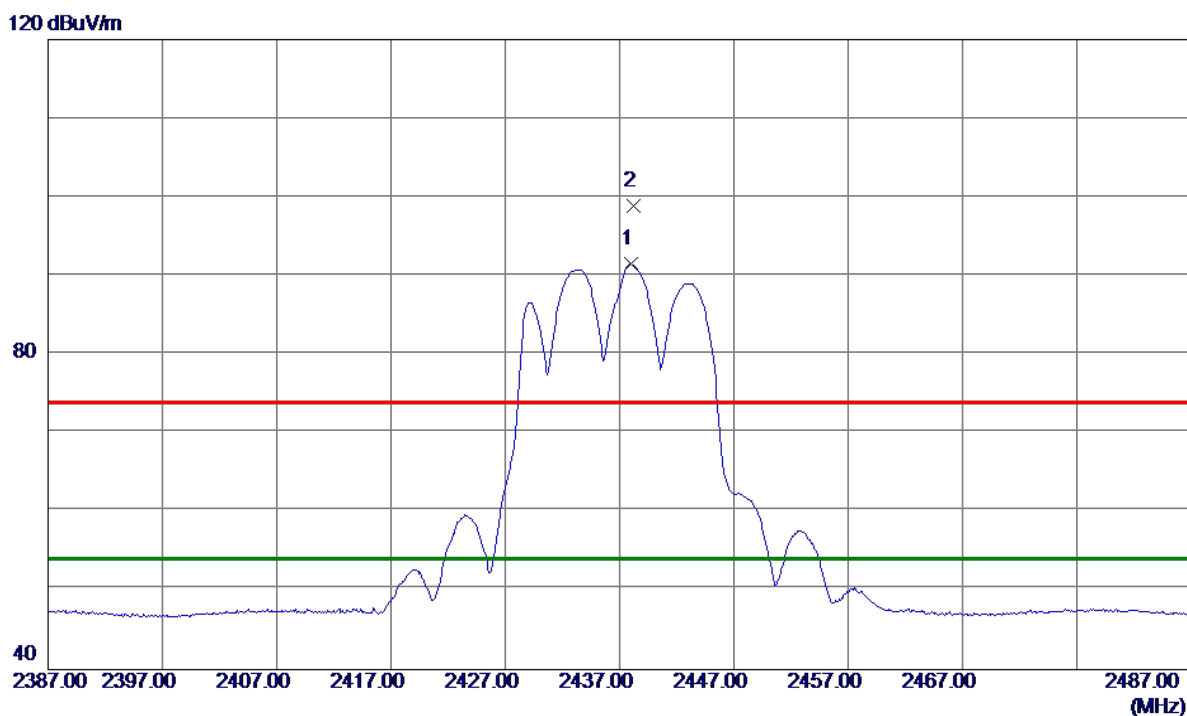
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7305.0000	43.06	13.21	56.27	74.00	-17.73	Peak	
2 *	7310.6500	32.93	13.21	46.14	54.00	-7.86	AVG	

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

Horizontal

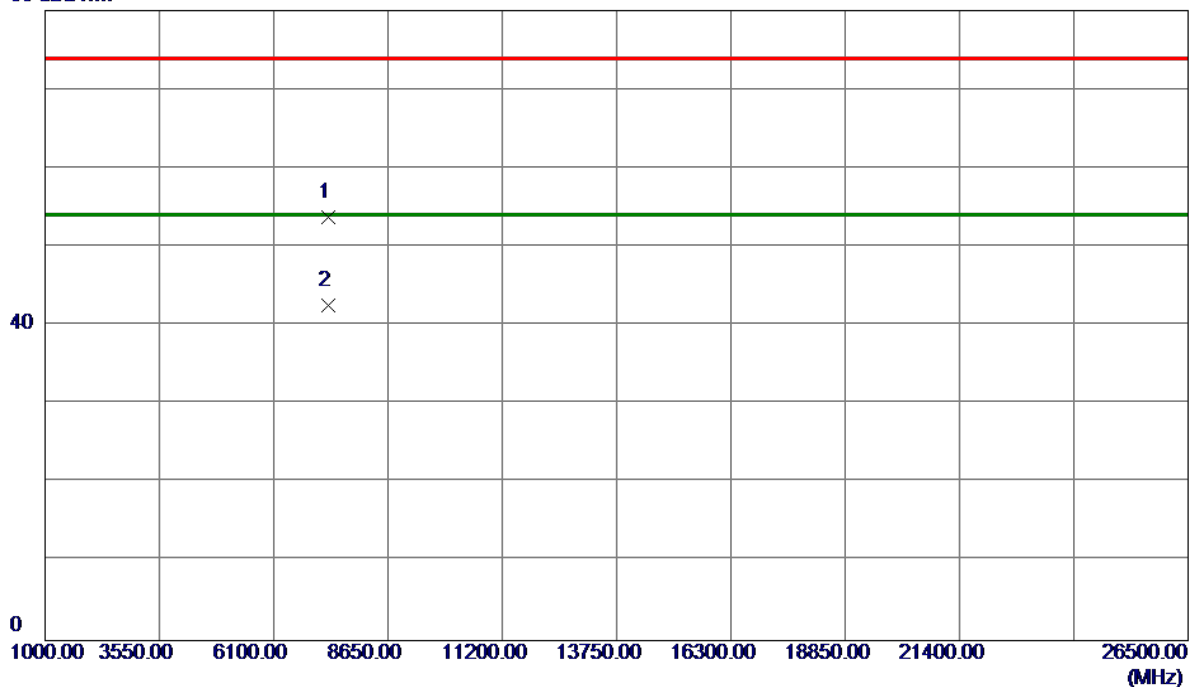


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2438.0000	72.17	19.31	91.48	54.00	37.48	AVG	No Limit
2	2438.2000	79.51	19.32	98.83	74.00	24.83	Peak	No Limit

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

Horizontal

80 dBuV/m

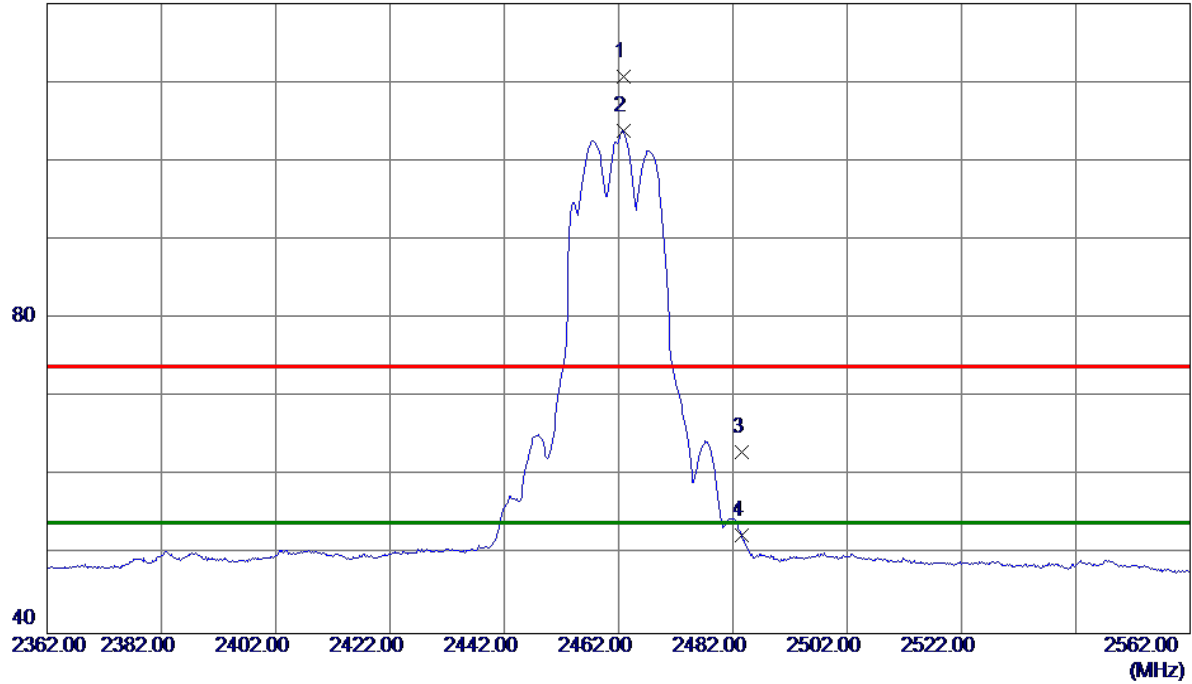


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7308.5000	40.49	13.21	53.70	74.00	-20.30	Peak	
2 *	7313.2000	29.42	13.21	42.63	54.00	-11.37	AVG	

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

Vertical

120 dBuV/m

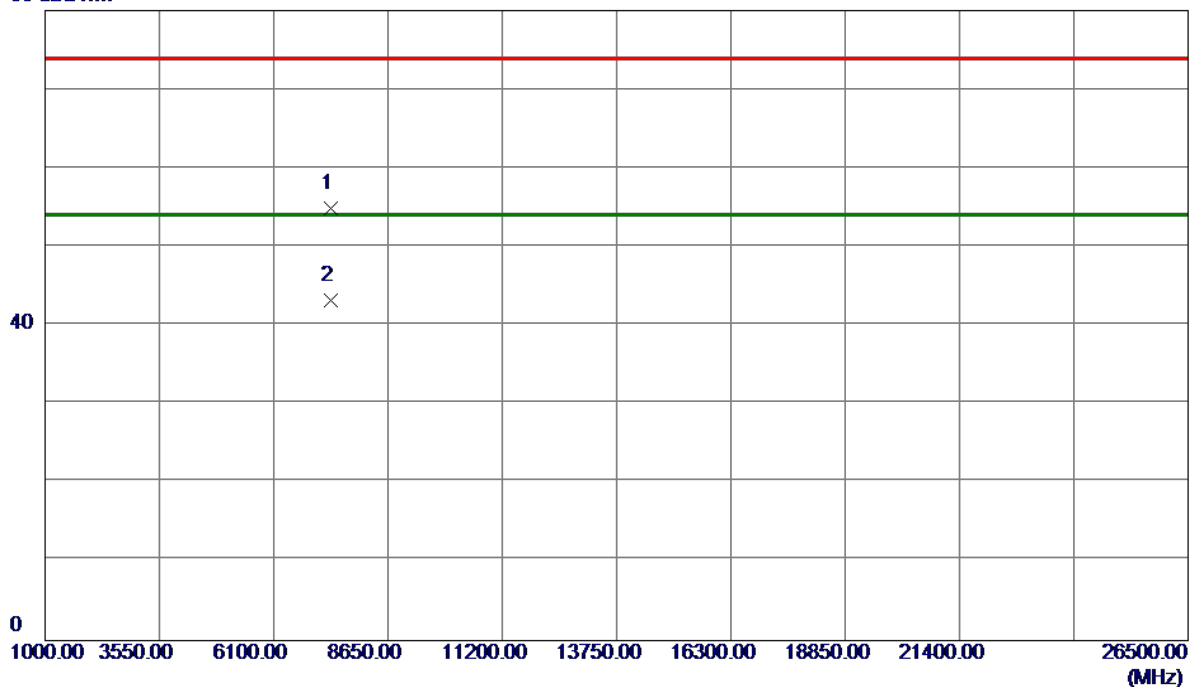


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2462.8000	91.29	19.41	110.70	74.00	36.70	Peak	No Limit
2 *	2462.8000	84.42	19.41	103.83	54.00	49.83	AVG	No Limit
3	2483.5000	43.49	19.48	62.97	74.00	-11.03	Peak	
4	2483.5000	32.99	19.48	52.47	54.00	-1.53	AVG	

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

Vertical

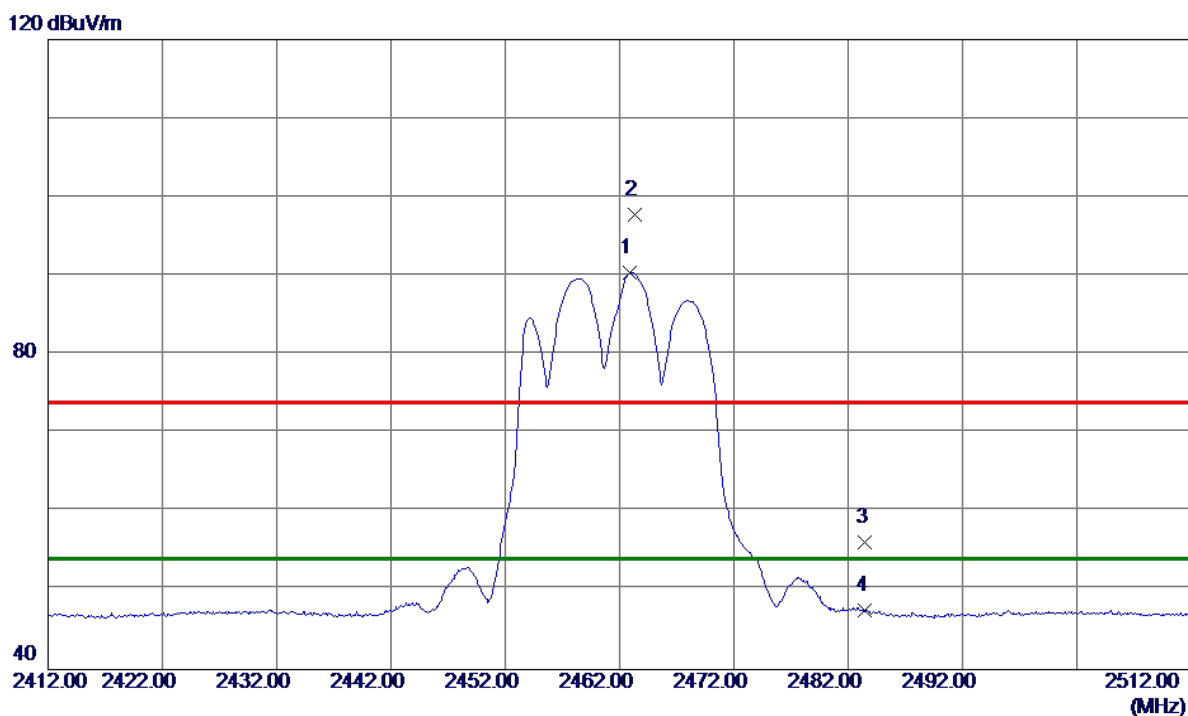
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7385.8500	41.59	13.27	54.86	74.00	-19.14	Peak	
2 *	7386.4000	29.94	13.27	43.21	54.00	-10.79	AVG	

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

Horizontal

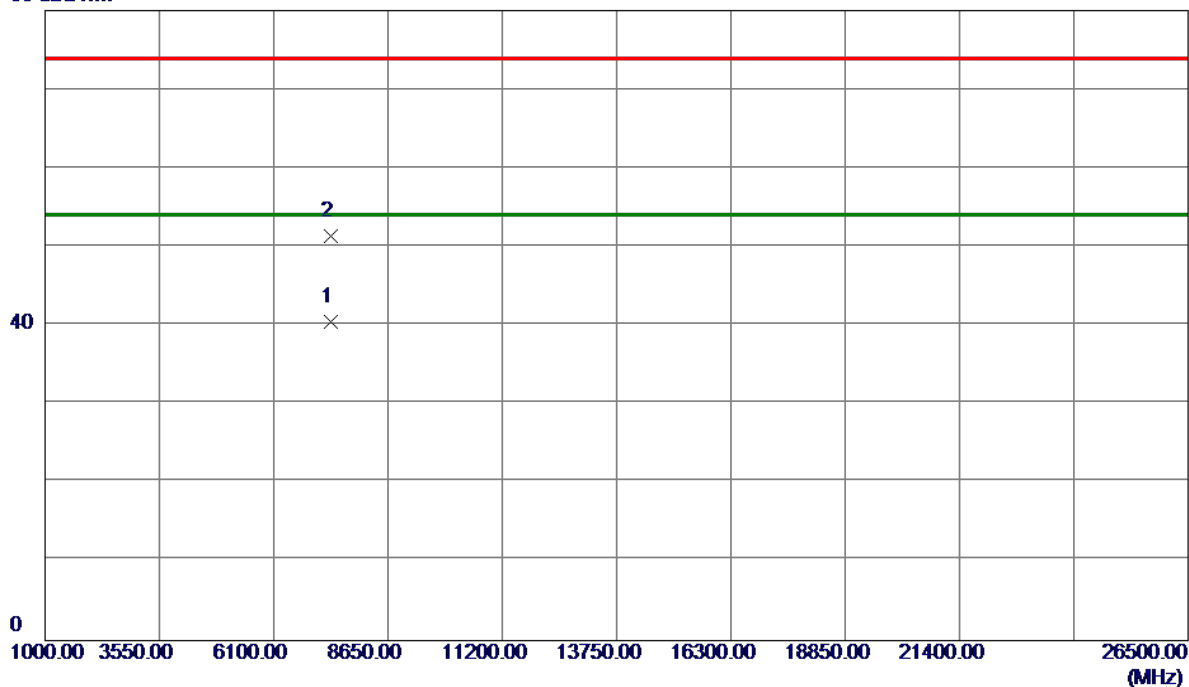


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2462.9000	70.97	19.41	90.38	54.00	36.38	AVG	No Limit
2	2463.3000	78.37	19.41	97.78	74.00	23.78	Peak	No Limit
3	2483.5000	36.70	19.48	56.18	74.00	-17.82	Peak	
4	2483.5000	27.97	19.48	47.45	54.00	-6.55	AVG	

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

Horizontal

80 dBuV/m

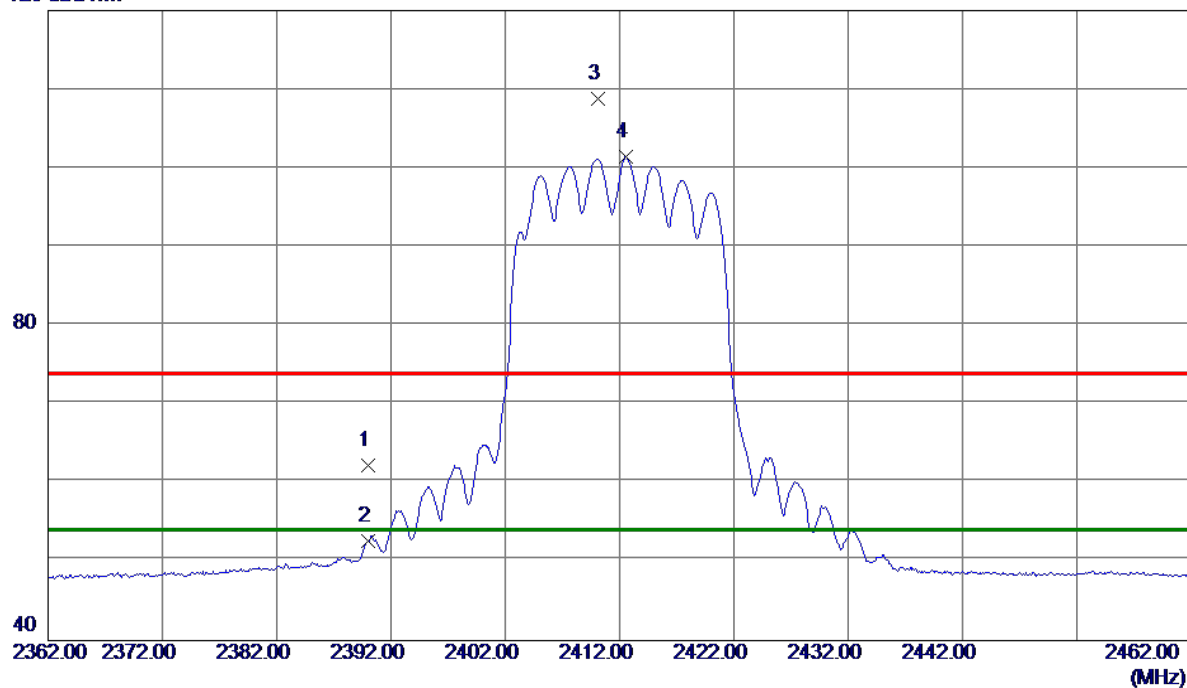


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7383.9000	27.21	13.27	40.48	54.00	-13.52	AVG	
2	7384.2000	38.10	13.27	51.37	74.00	-22.63	Peak	

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

Vertical

120 dBuV/m

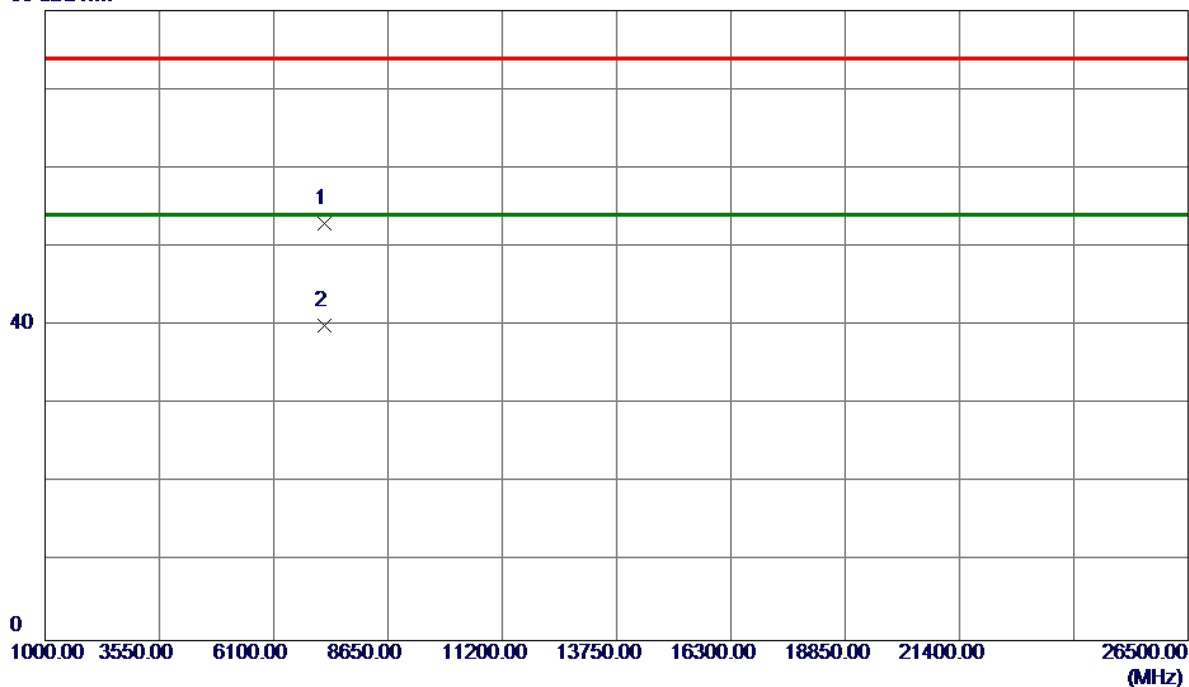


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	43.07	19.14	62.21	74.00	-11.79	Peak	
2	2390.0000	33.45	19.14	52.59	54.00	-1.41	AVG	
3	2410.1000	89.66	19.21	108.87	74.00	34.87	Peak	No Limit
4 *	2412.6000	82.21	19.22	101.43	54.00	47.43	AVG	No Limit

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

Vertical

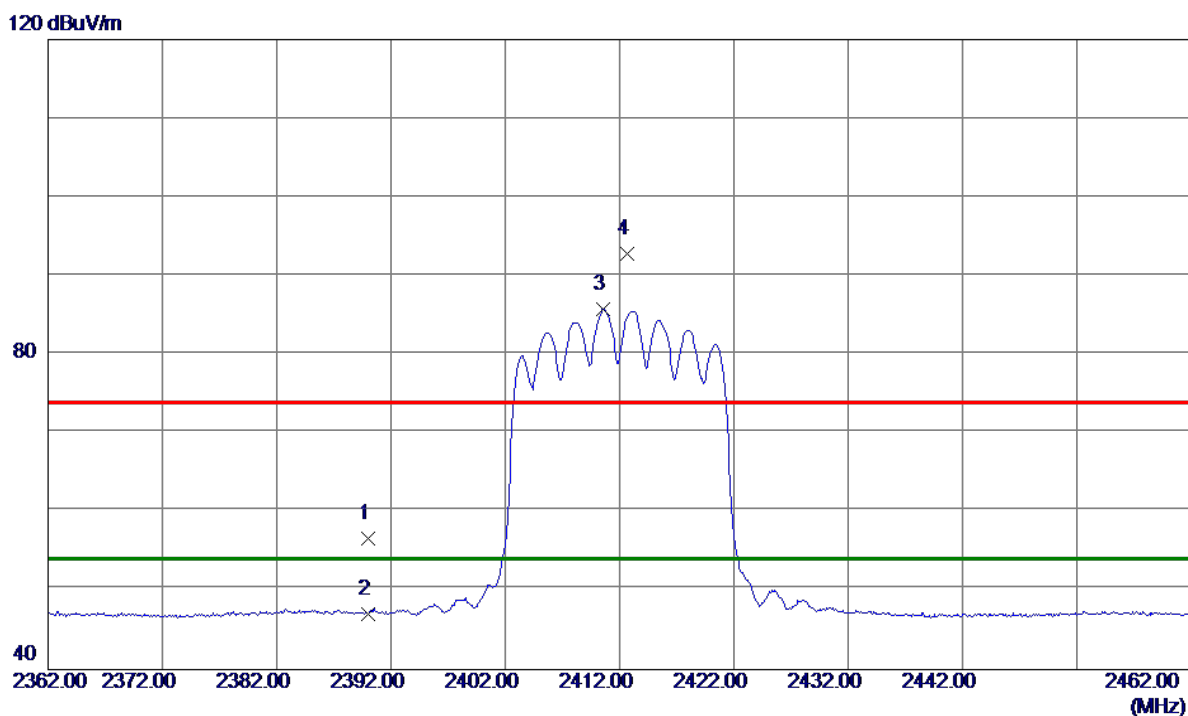
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.2800	39.72	13.16	52.88	74.00	-21.12	Peak	
2 *	7238.5800	26.89	13.16	40.05	54.00	-13.95	AVG	

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

Horizontal

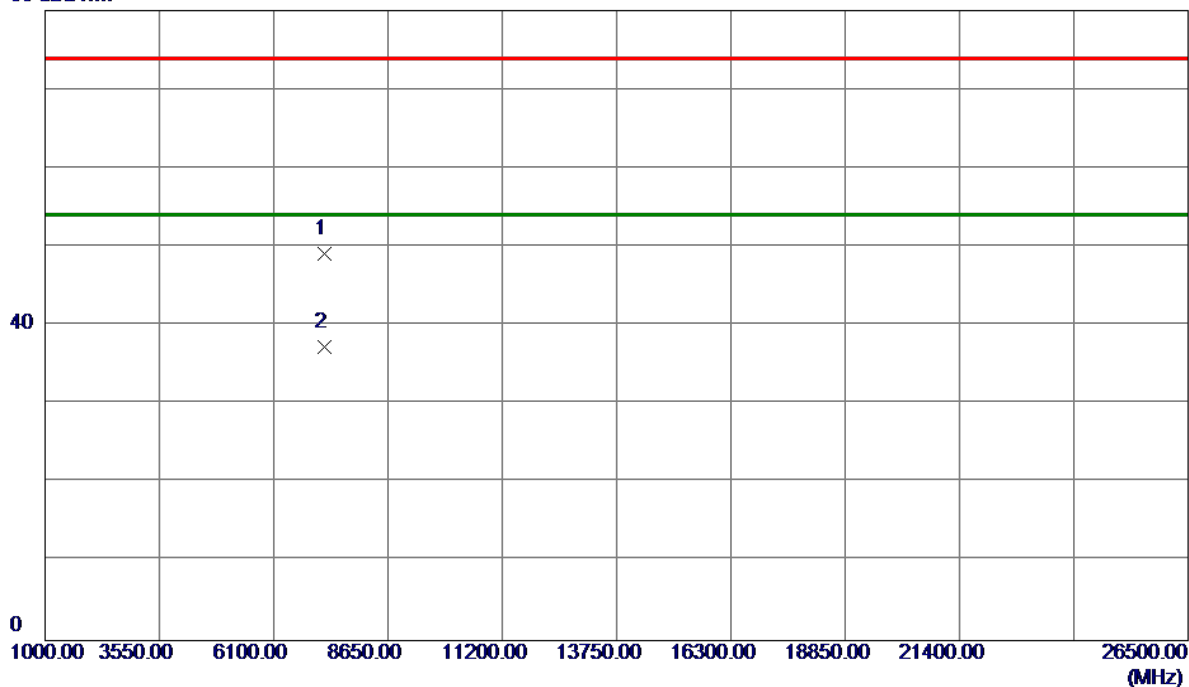


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	37.55	19.14	56.69	74.00	-17.31	Peak	
2	2390.0000	27.92	19.14	47.06	54.00	-6.94	AVG	
3 *	2410.6000	66.52	19.21	85.73	54.00	31.73	AVG	No Limit
4	2412.7000	73.54	19.22	92.76	74.00	18.76	Peak	No Limit

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

Horizontal

80 dBuV/m

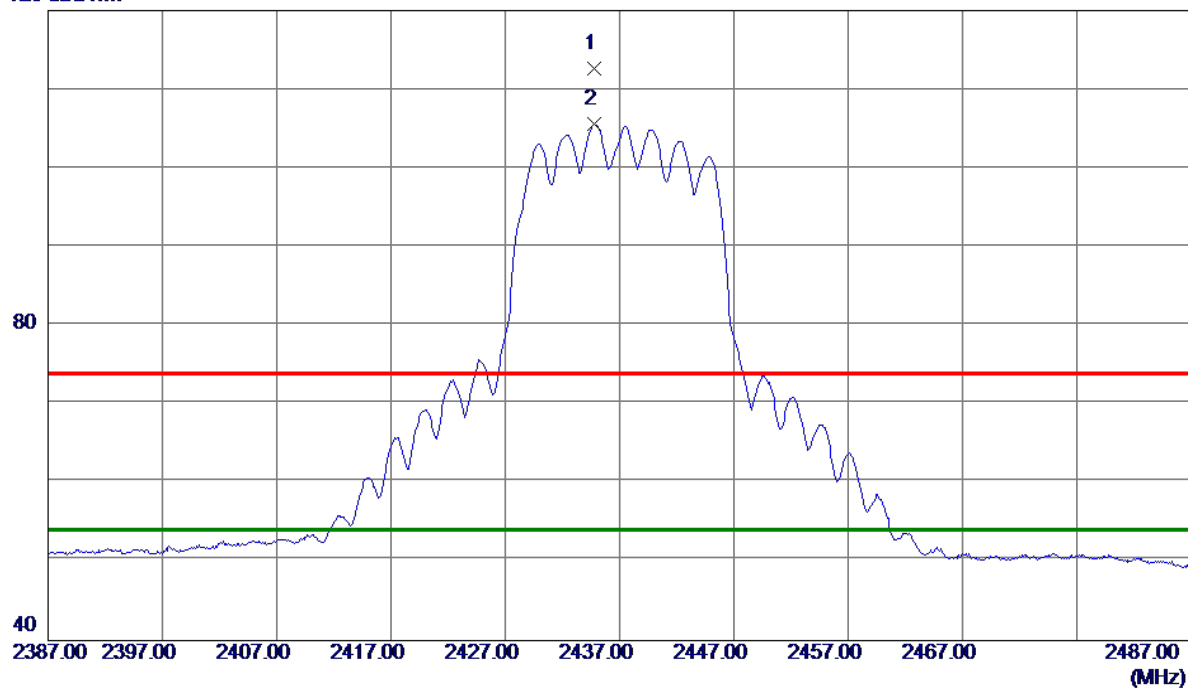


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7238.1400	35.89	13.16	49.05	74.00	-24.95	Peak	
2 *	7238.1400	24.15	13.16	37.31	54.00	-16.69	AVG	

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

Vertical

120 dBuV/m

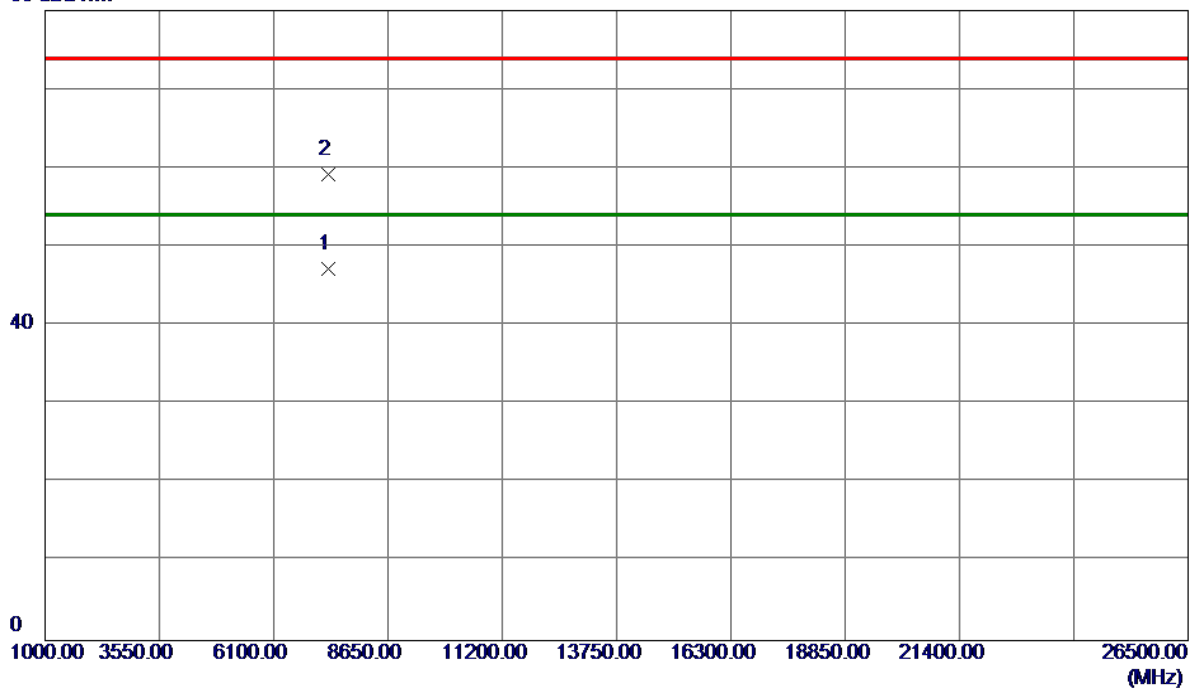


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2434.8000	93.36	19.30	112.66	74.00	38.66	Peak	No Limit
2 *	2434.8000	86.24	19.30	105.54	54.00	51.54	AVG	No Limit

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

Vertical

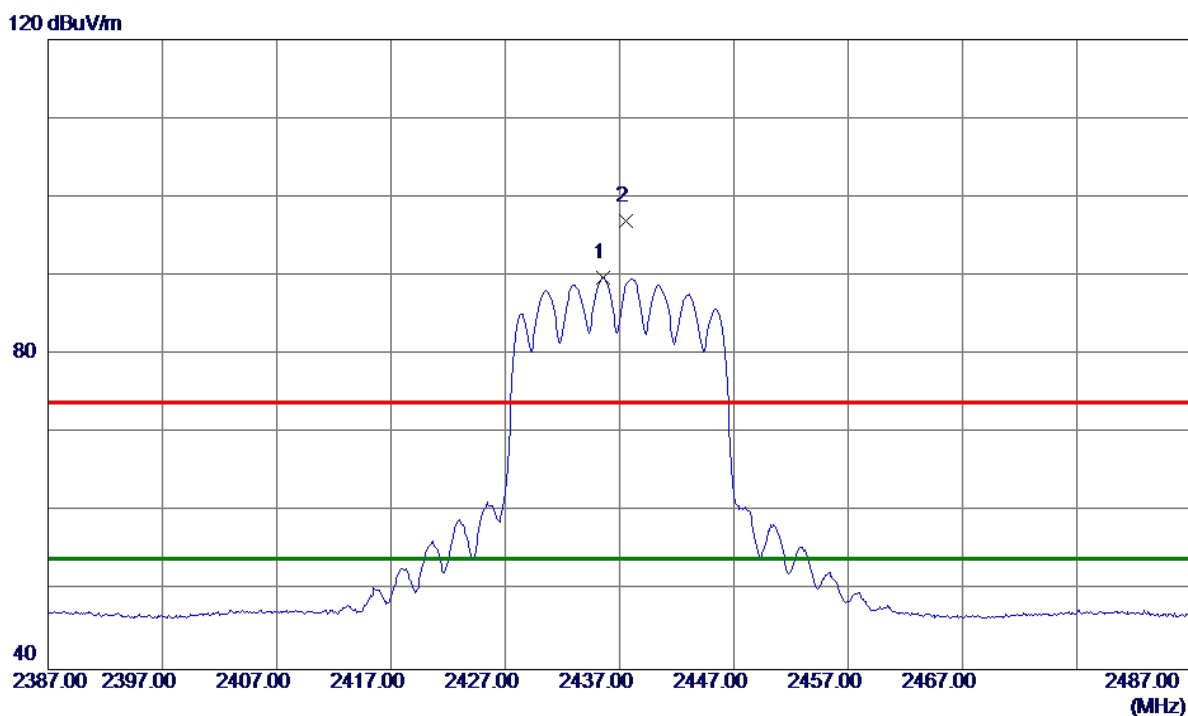
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7312.3200	33.98	13.21	47.19	54.00	-6.81	AVG	
2	7317.4800	45.91	13.22	59.13	74.00	-14.87	Peak	

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

Horizontal

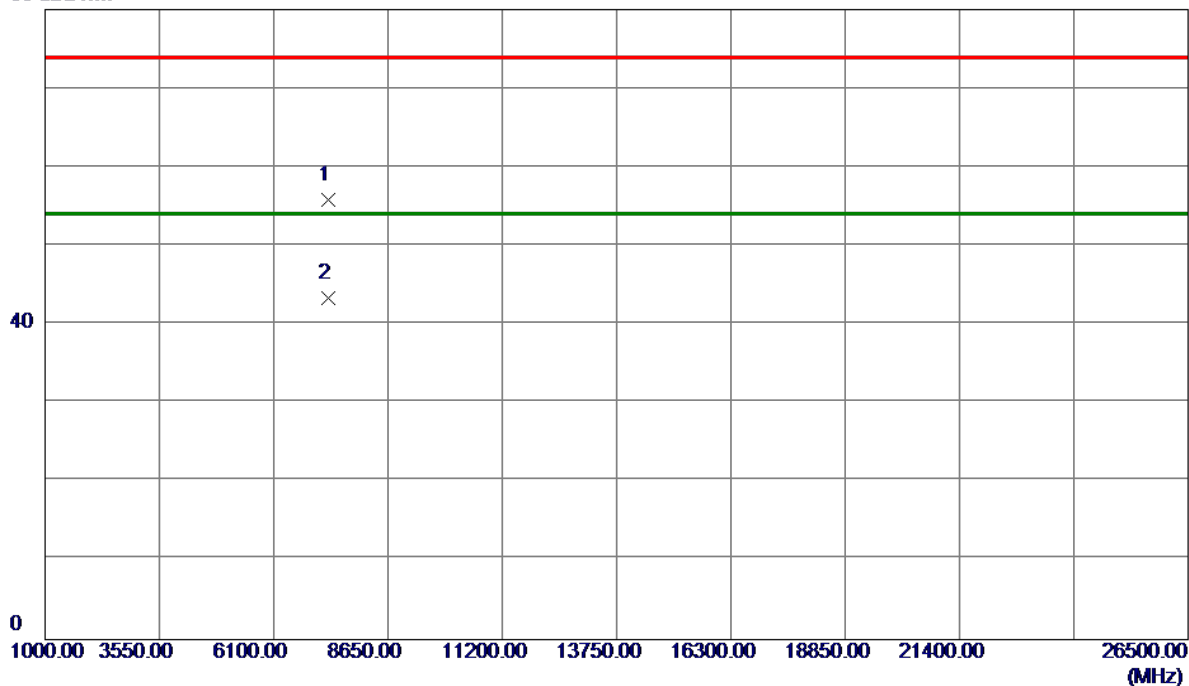


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2435.6000	70.51	19.31	89.82	54.00	35.82	AVG	No Limit
2	2437.6000	77.68	19.31	96.99	74.00	22.99	Peak	No Limit

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

Horizontal

80 dBuV/m

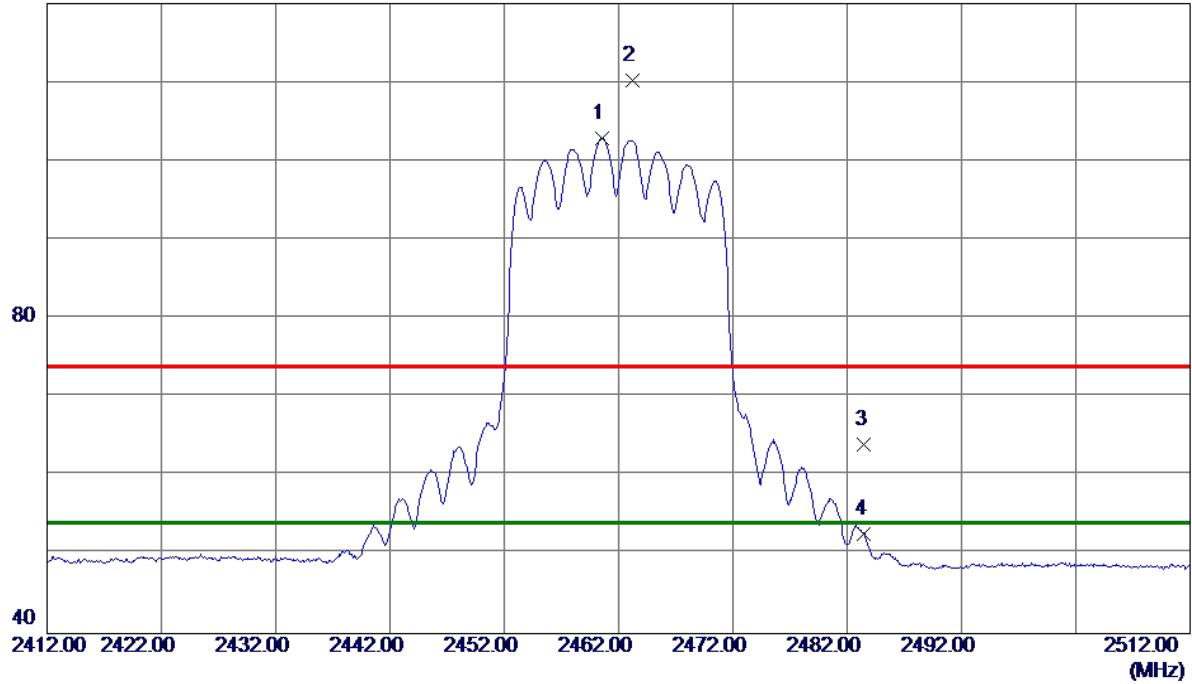


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7306.0400	42.66	13.21	55.87	74.00	-18.13	Peak	
2 *	7310.6000	30.20	13.21	43.41	54.00	-10.59	AVG	

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

Vertical

120 dBuV/m

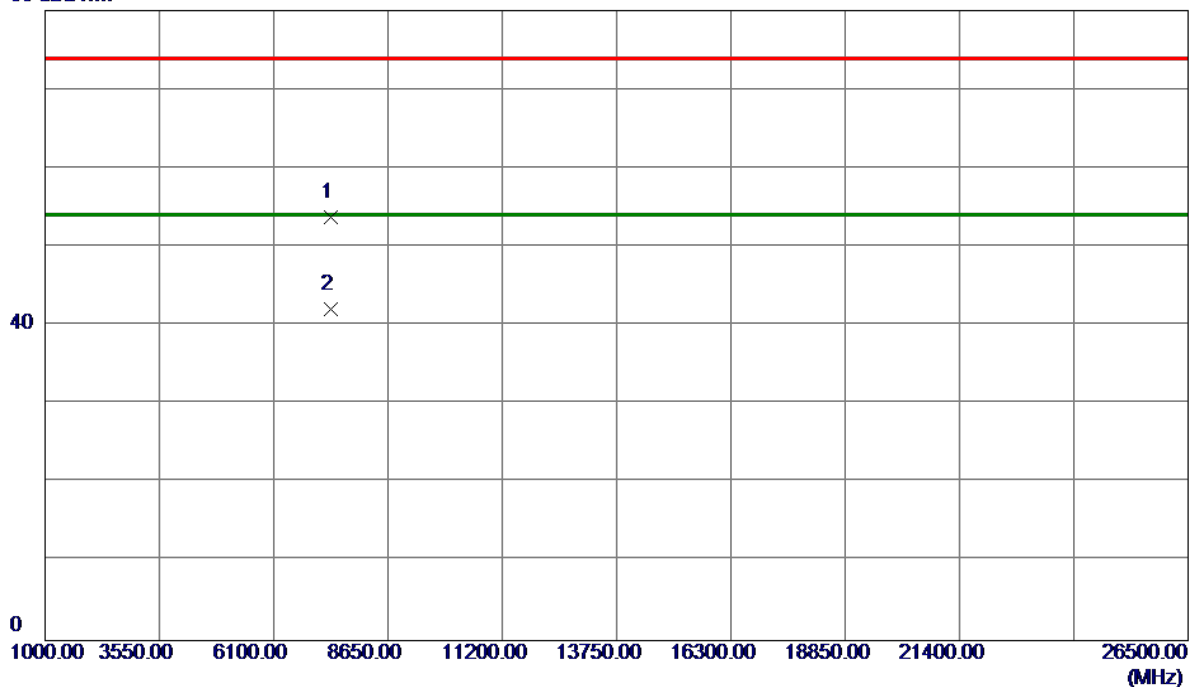


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.6000	83.53	19.40	102.93	54.00	48.93	AVG	No Limit
2	2463.2000	90.84	19.41	110.25	74.00	36.25	Peak	No Limit
3	2483.5000	44.49	19.48	63.97	74.00	-10.03	Peak	
4	2483.5000	33.20	19.48	52.68	54.00	-1.32	AVG	

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

Vertical

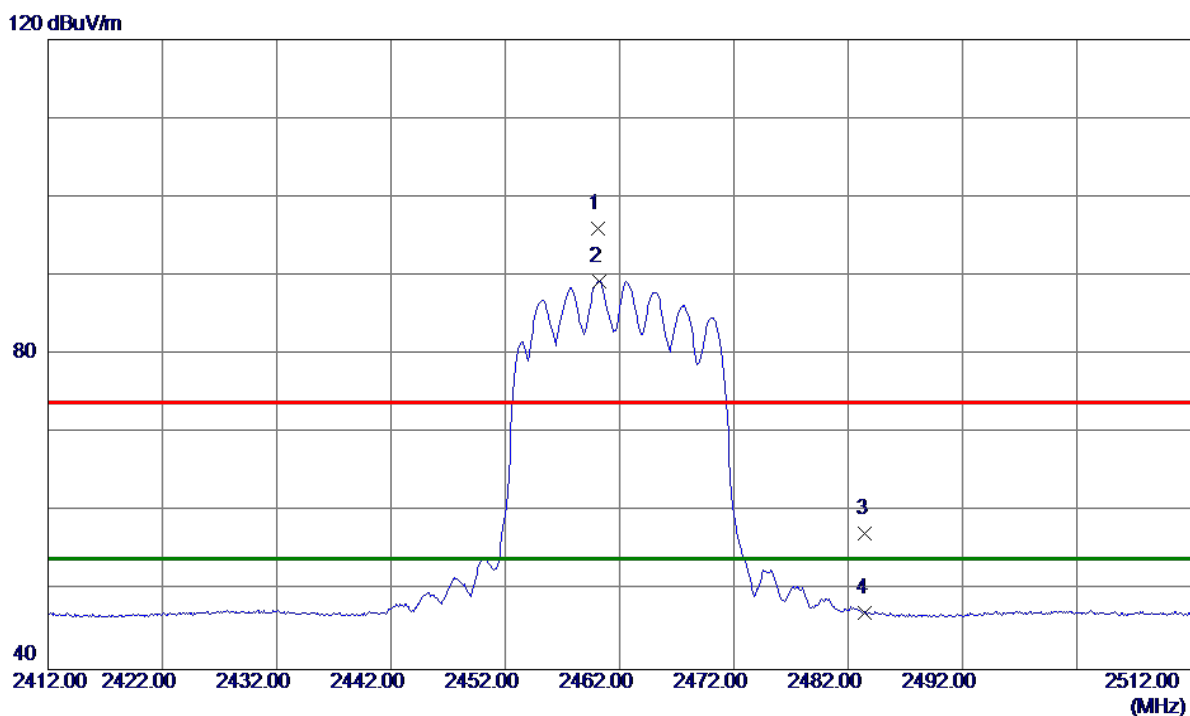
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7384.9600	40.50	13.27	53.77	74.00	-20.23	Peak	
2 *	7385.5200	28.74	13.27	42.01	54.00	-11.99	AVG	

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

Horizontal

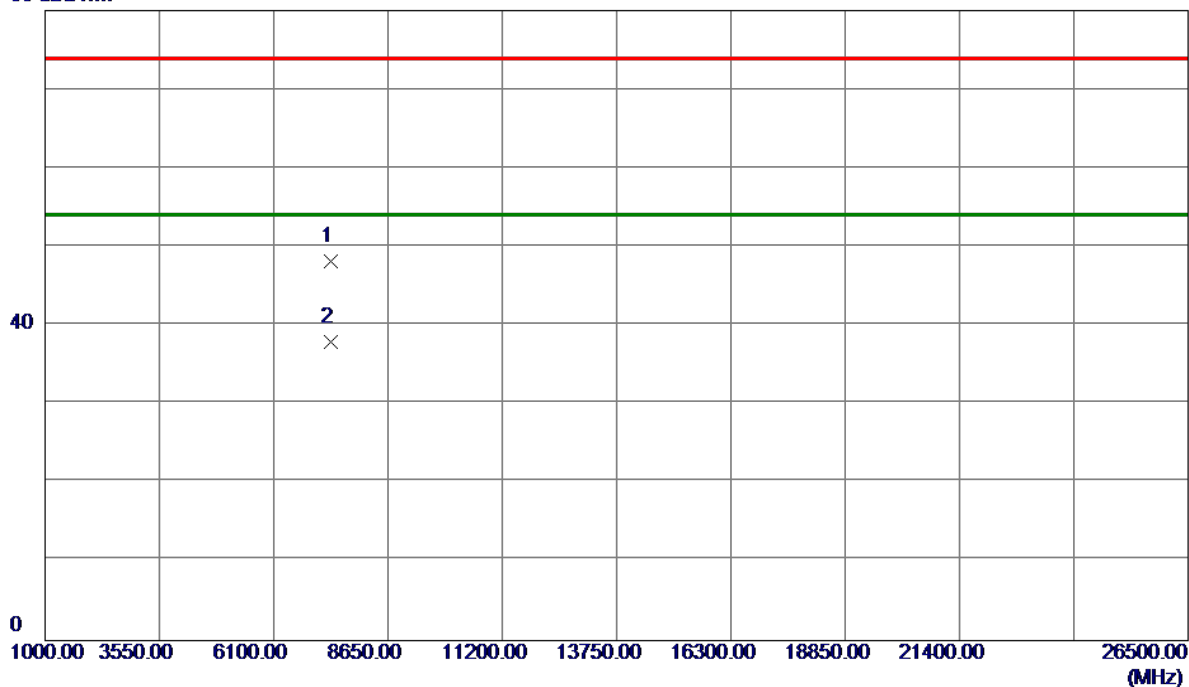


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.1000	76.66	19.40	96.06	74.00	22.06	Peak	No Limit
2 *	2460.2000	69.92	19.40	89.32	54.00	35.32	AVG	No Limit
3	2483.5000	37.74	19.48	57.22	74.00	-16.78	Peak	
4	2483.5000	27.69	19.48	47.17	54.00	-6.83	AVG	

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

Horizontal

80 dBuV/m

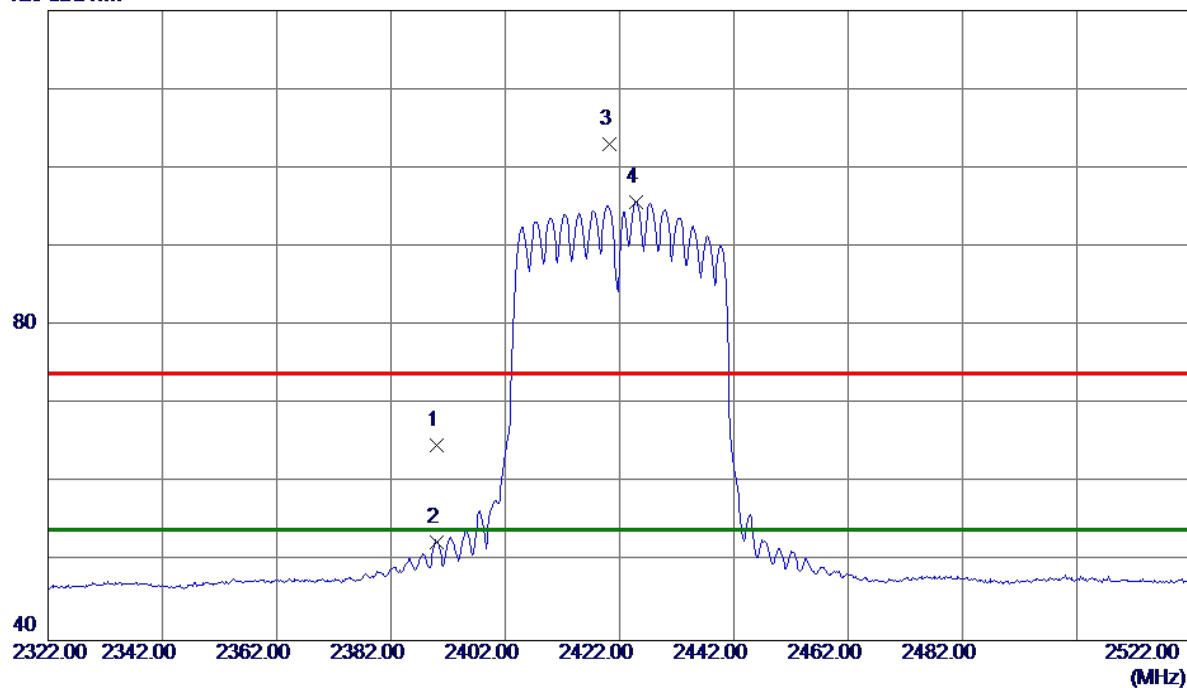


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7382.6800	34.95	13.27	48.22	74.00	-25.78	Peak	
2 *	7384.9600	24.65	13.27	37.92	54.00	-16.08	AVG	

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

Vertical

120 dBuV/m

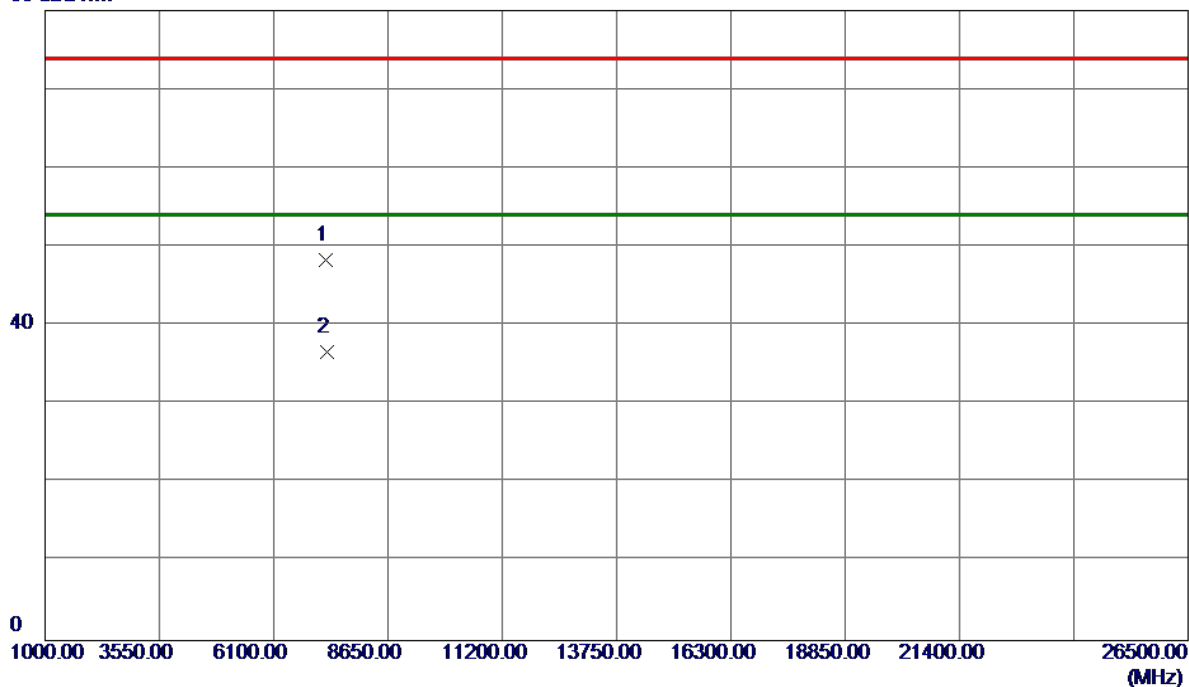


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	45.64	19.14	64.78	74.00	-9.22	Peak	
2	2390.0000	33.39	19.14	52.53	54.00	-1.47	AVG	
3	2420.2000	83.73	19.25	102.98	74.00	28.98	Peak	No Limit
4 *	2424.8000	76.48	19.27	95.75	54.00	41.75	AVG	No Limit

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

Vertical

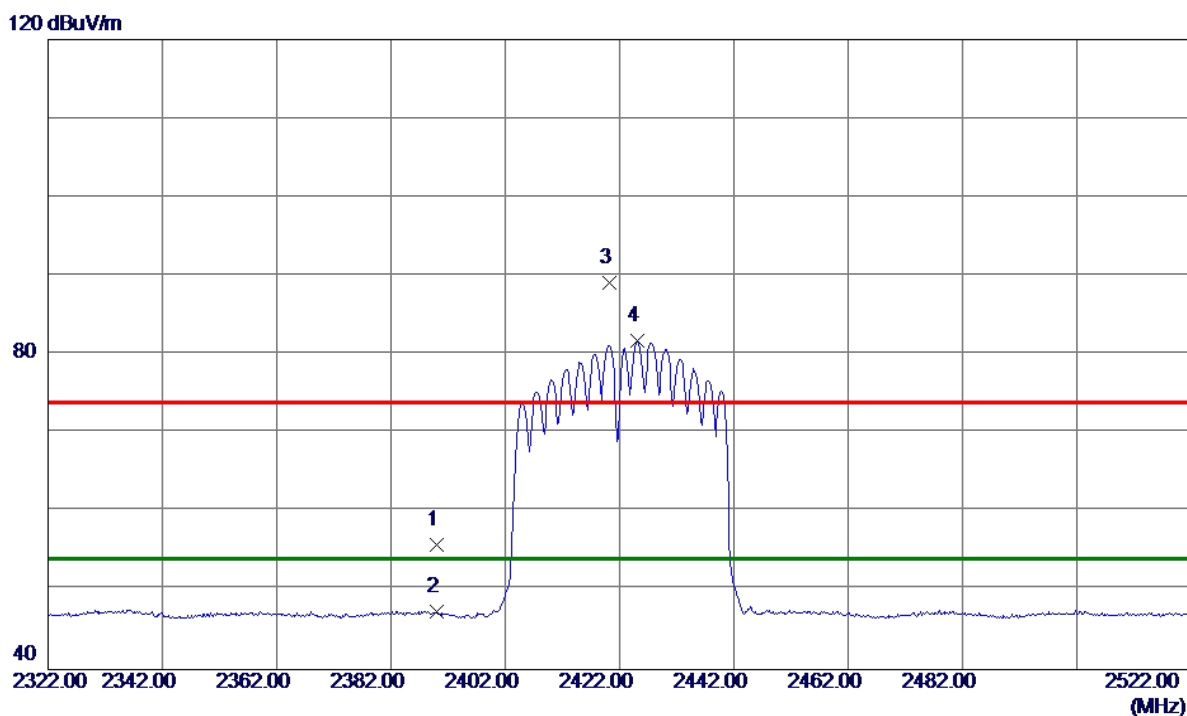
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7263.4800	35.20	13.18	48.38	74.00	-25.62	Peak	
2 *	7278.7200	23.43	13.19	36.62	54.00	-17.38	AVG	

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

Horizontal

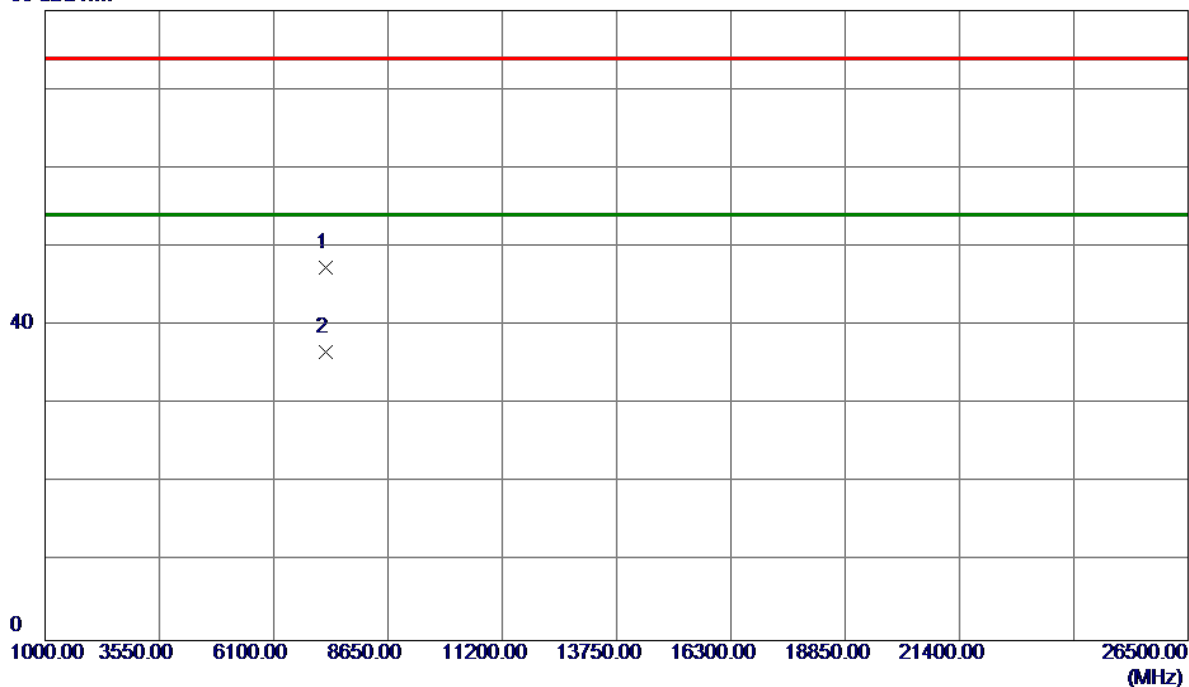


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	36.74	19.14	55.88	74.00	-18.12	Peak	
2	2390.0000	28.22	19.14	47.36	54.00	-6.64	AVG	
3	2420.2000	69.87	19.25	89.12	74.00	15.12	Peak	No Limit
4 *	2425.2000	62.45	19.27	81.72	54.00	27.72	AVG	No Limit

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

Horizontal

80 dBuV/m

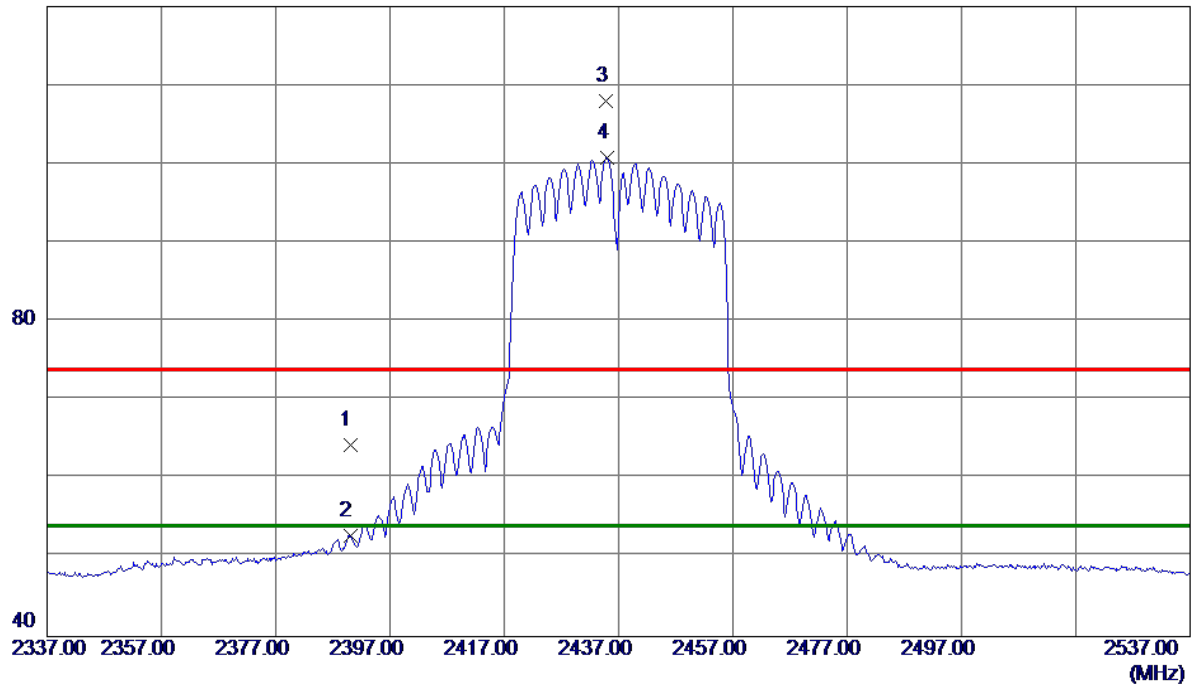


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7251.9200	34.24	13.17	47.41	74.00	-26.59	Peak	
2 *	7273.8800	23.38	13.19	36.57	54.00	-17.43	AVG	

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

Vertical

120 dBuV/m

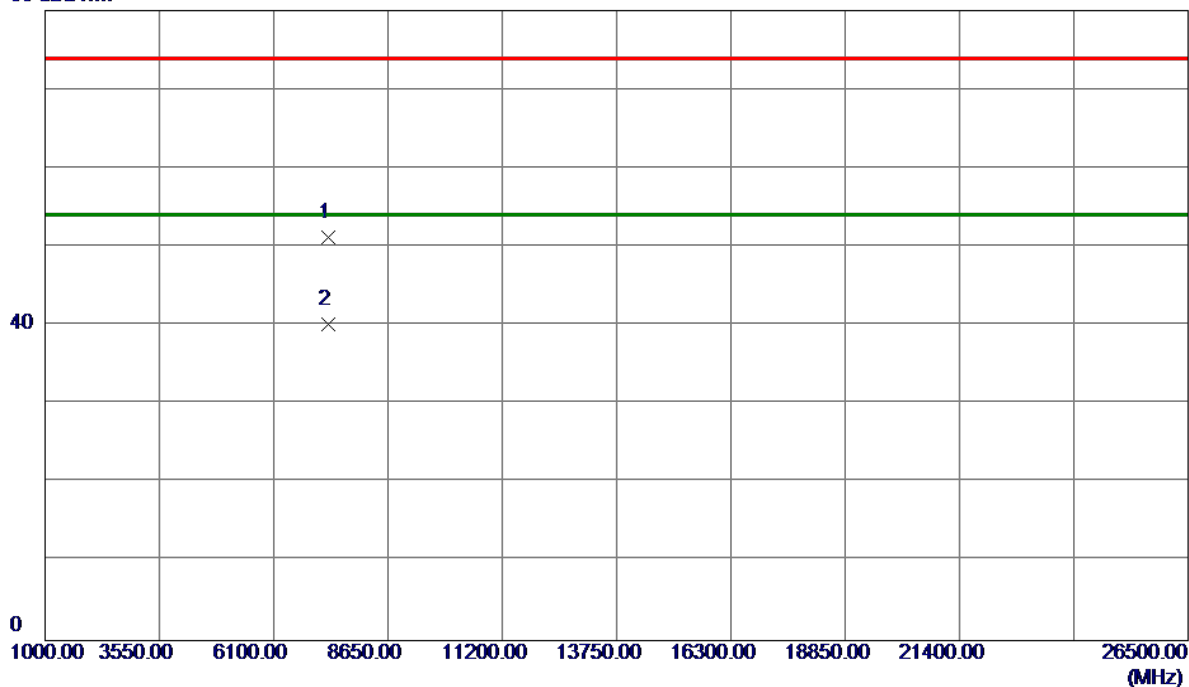


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	45.16	19.14	64.30	74.00	-9.70	Peak	
2	2390.0000	33.72	19.14	52.86	54.00	-1.14	AVG	
3	2434.8000	88.65	19.30	107.95	74.00	33.95	Peak	No Limit
4 *	2435.0000	81.45	19.30	100.75	54.00	46.75	AVG	No Limit

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

Vertical

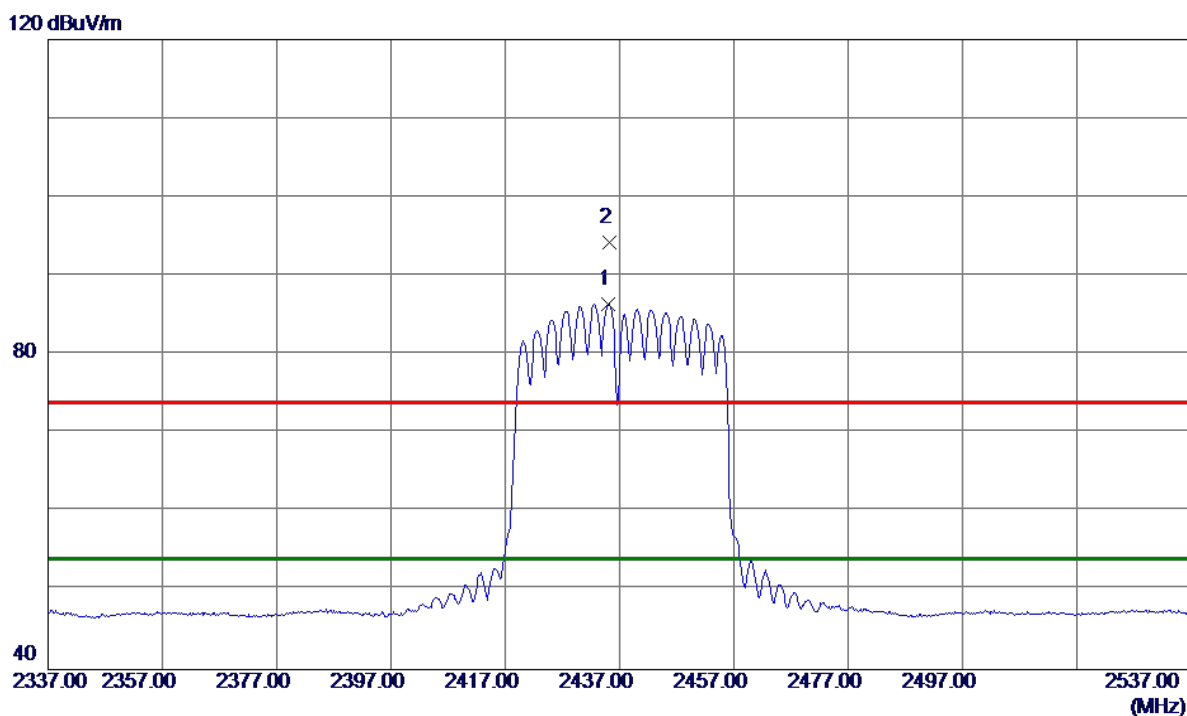
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7309.8400	37.94	13.21	51.15	74.00	-22.85	Peak	
2 *	7312.2000	27.02	13.21	40.23	54.00	-13.77	AVG	

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

Horizontal

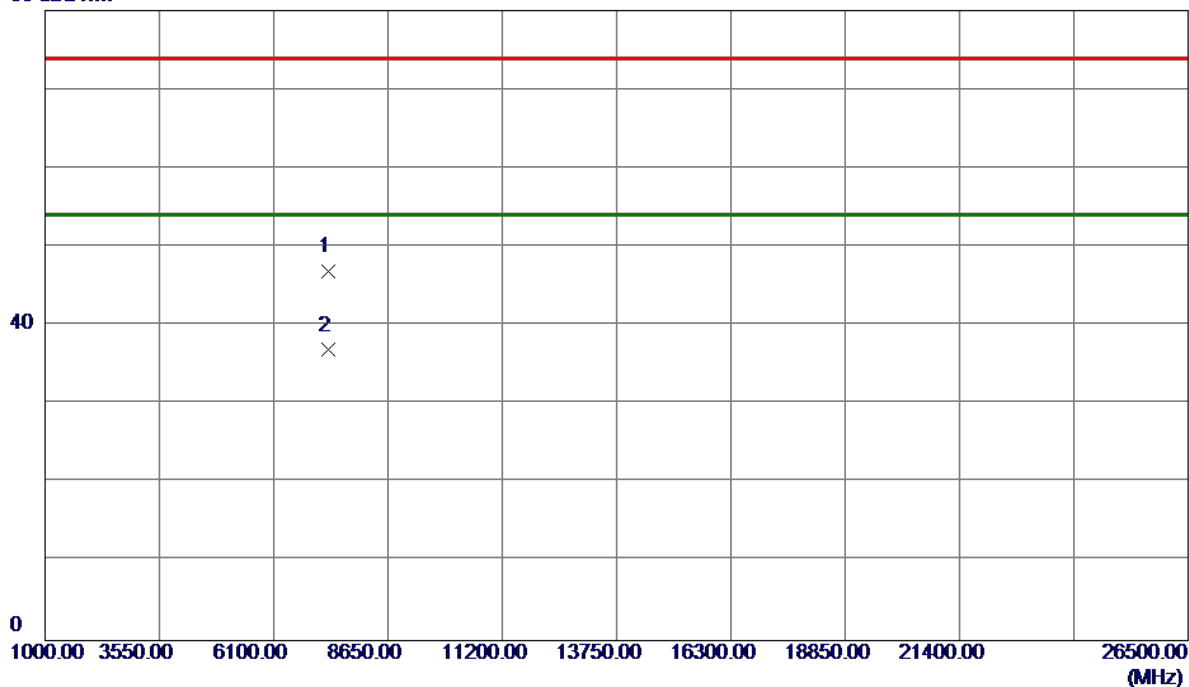


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2435.0000	67.06	19.30	86.36	54.00	32.36	AVG	No Limit
2	2435.2000	74.87	19.30	94.17	74.00	20.17	Peak	No Limit

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

Horizontal

80 dBuV/m

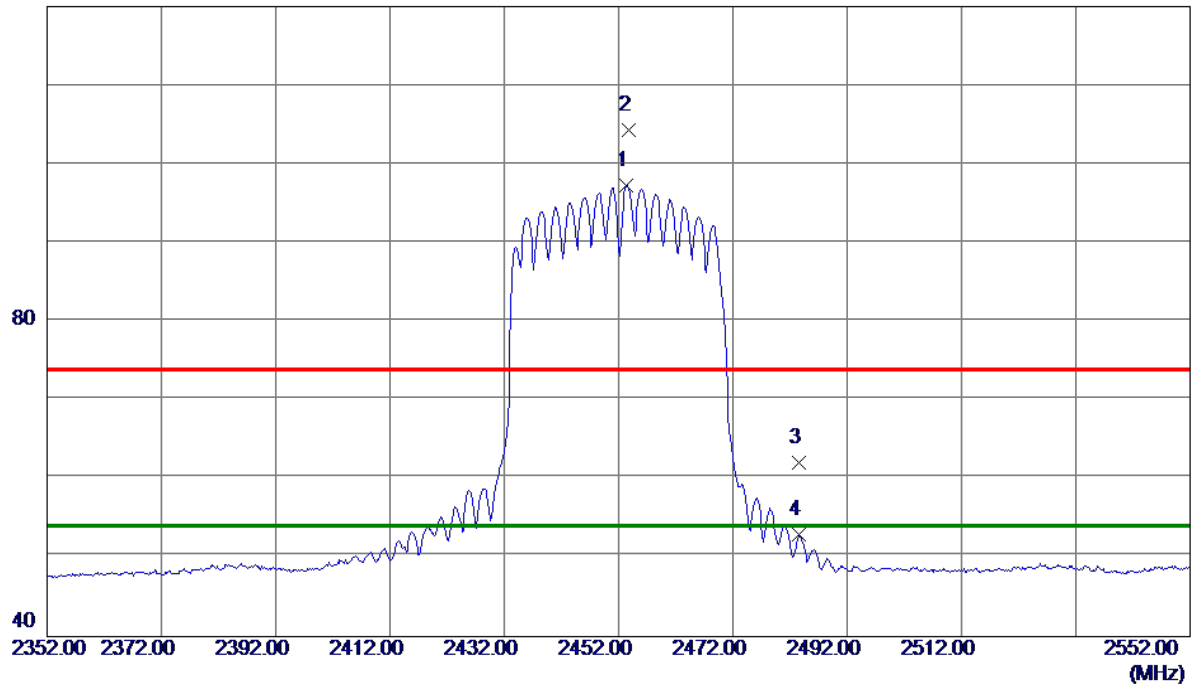


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7306.8800	33.68	13.21	46.89	74.00	-27.11	Peak	
2 *	7312.0800	23.67	13.21	36.88	54.00	-17.12	AVG	

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

Vertical

120 dBuV/m

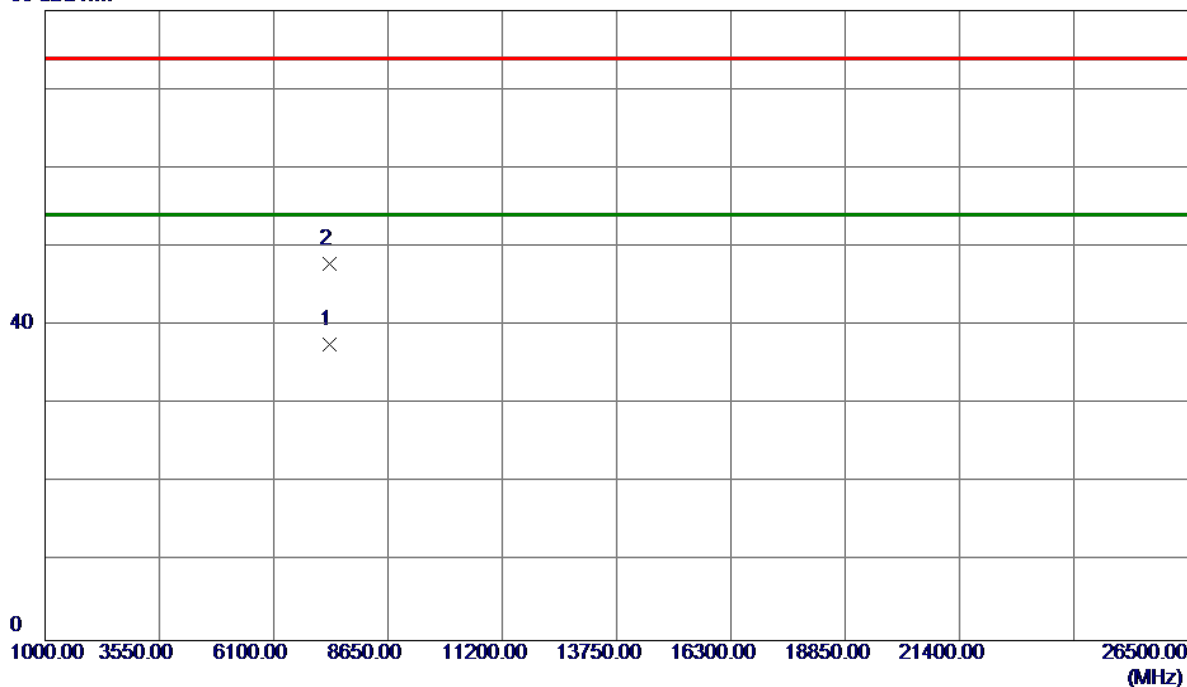


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2453.4000	77.90	19.37	97.27	54.00	43.27	AVG	No Limit
2	2453.8000	85.00	19.37	104.37	74.00	30.37	Peak	No Limit
3	2483.5000	42.65	19.48	62.13	74.00	-11.87	Peak	
4	2483.5000	33.47	19.48	52.95	54.00	-1.05	AVG	

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

Vertical

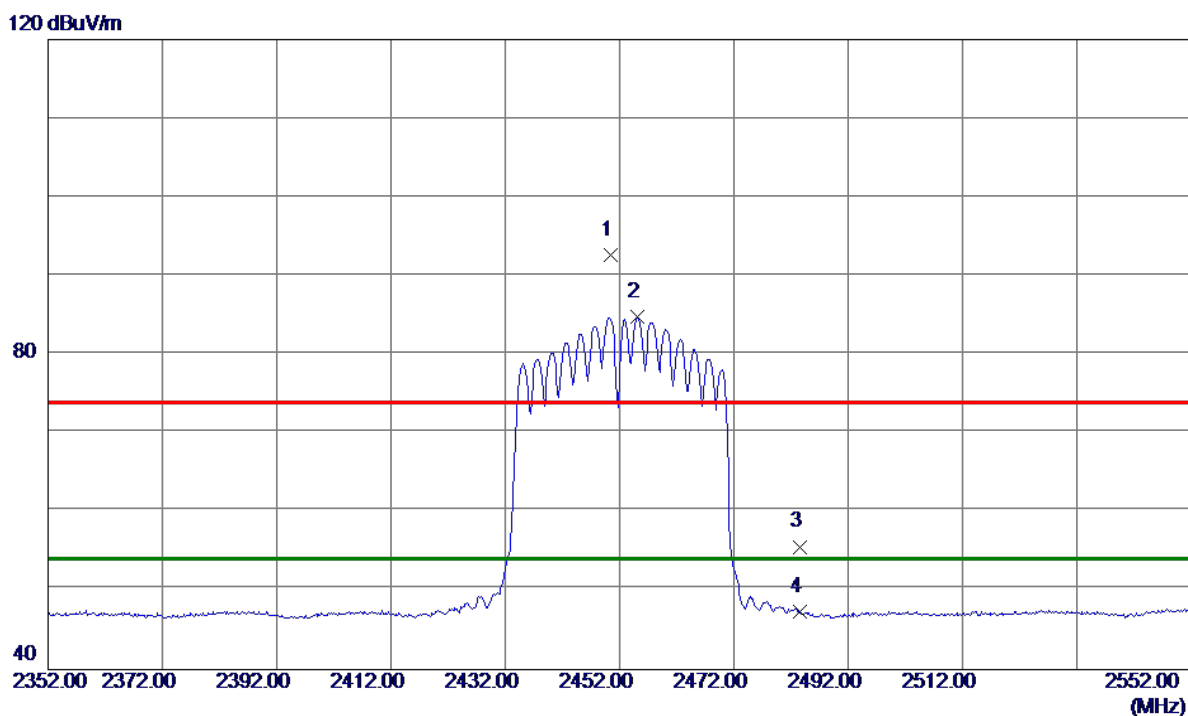
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7360.0800	24.37	13.25	37.62	54.00	-16.38	AVG	
2	7360.5200	34.53	13.25	47.78	74.00	-26.22	Peak	

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

Horizontal

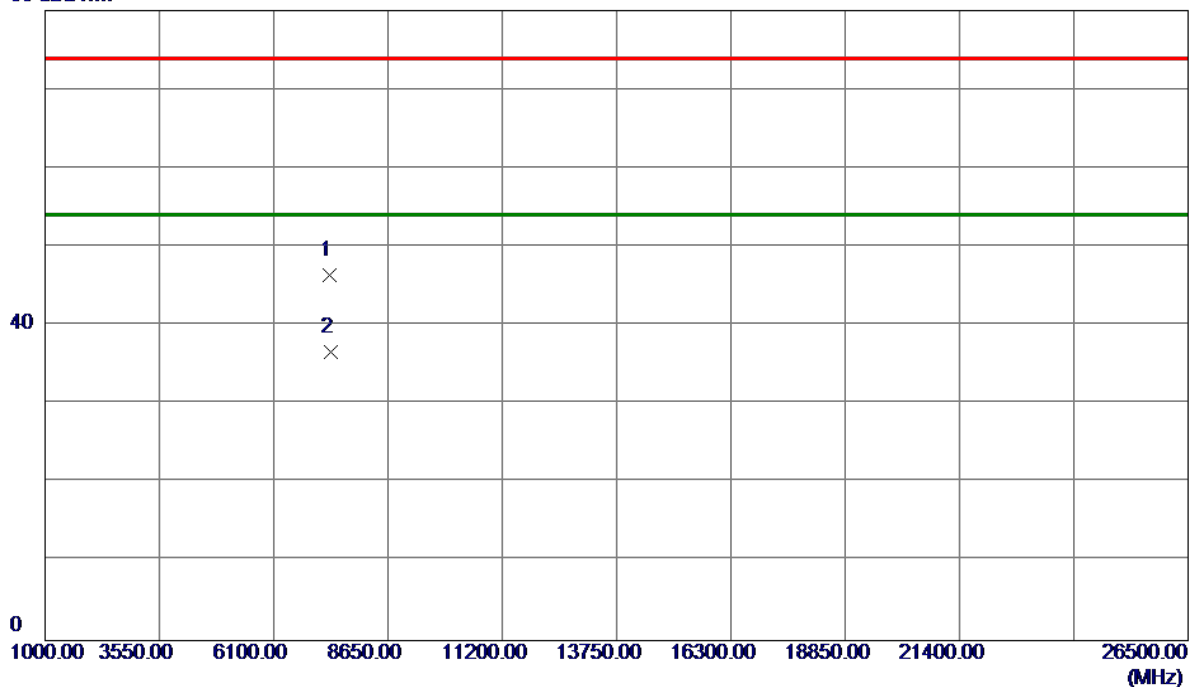


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2450.4000	73.30	19.36	92.66	74.00	18.66	Peak	No Limit
2 *	2455.2000	65.35	19.38	84.73	54.00	30.73	AVG	No Limit
3	2483.5000	36.12	19.48	55.60	74.00	-18.40	Peak	
4	2483.5000	27.87	19.48	47.35	54.00	-6.65	AVG	

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

Horizontal

80 dBuV/m



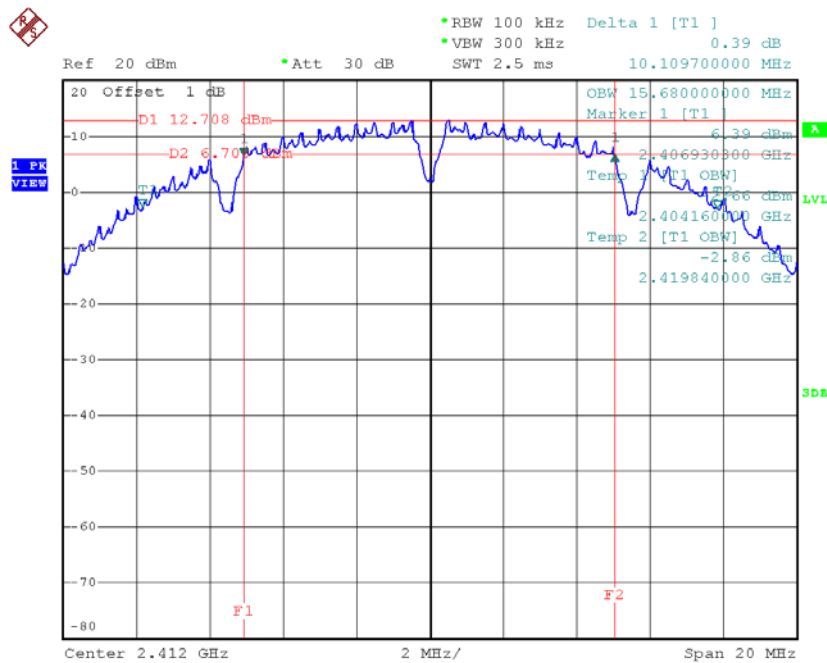
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7360.0000	33.13	13.25	46.38	74.00	-27.62	Peak	
2 *	7360.8400	23.39	13.25	36.64	54.00	-17.36	AVG	

APPENDIX E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

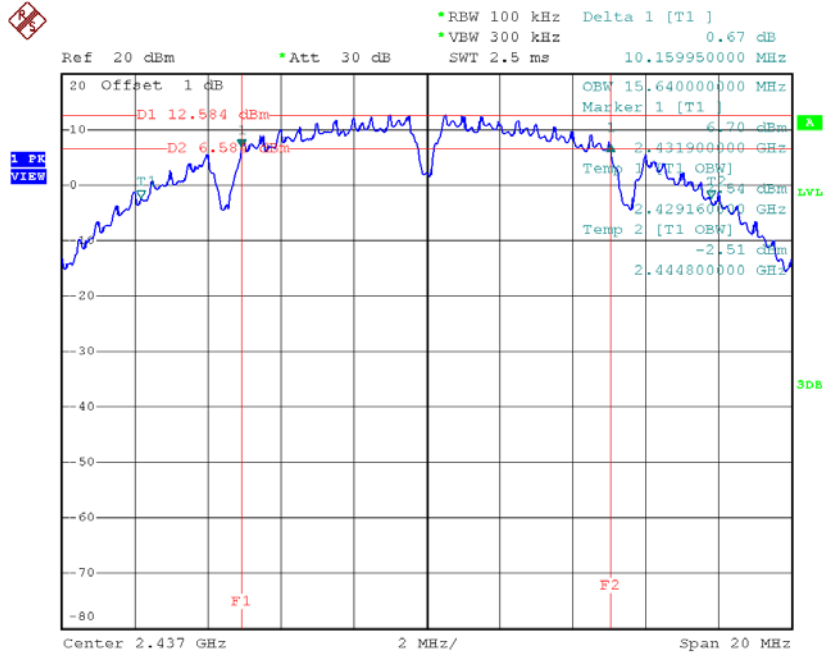
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.11	15.68	500	Complies
2437	10.16	15.64	500	Complies
2462	10.19	16.24	500	Complies

TX CH01



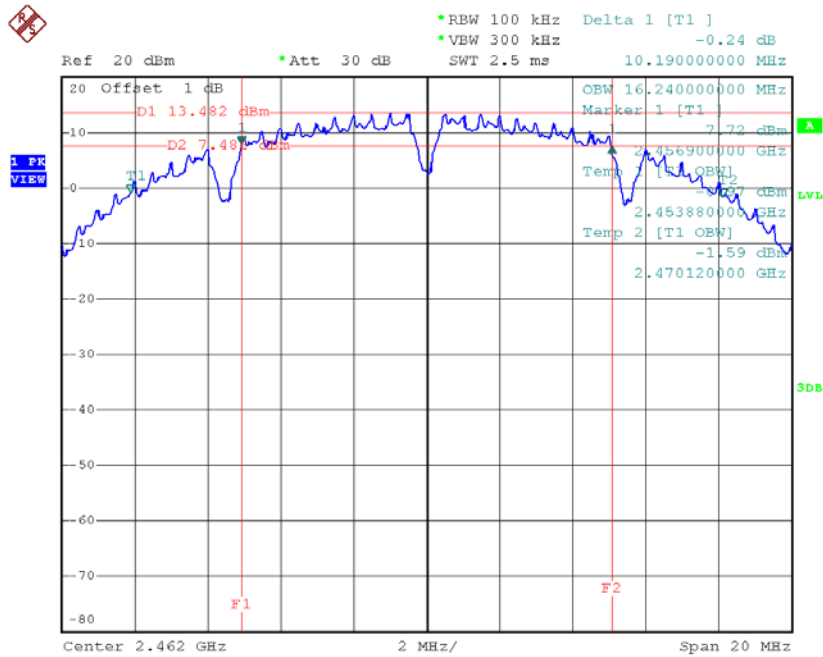
Date: 3.APR.2018 18:15:40

TX CH06



Date: 3.APR.2018 18:18:14

TX CH11

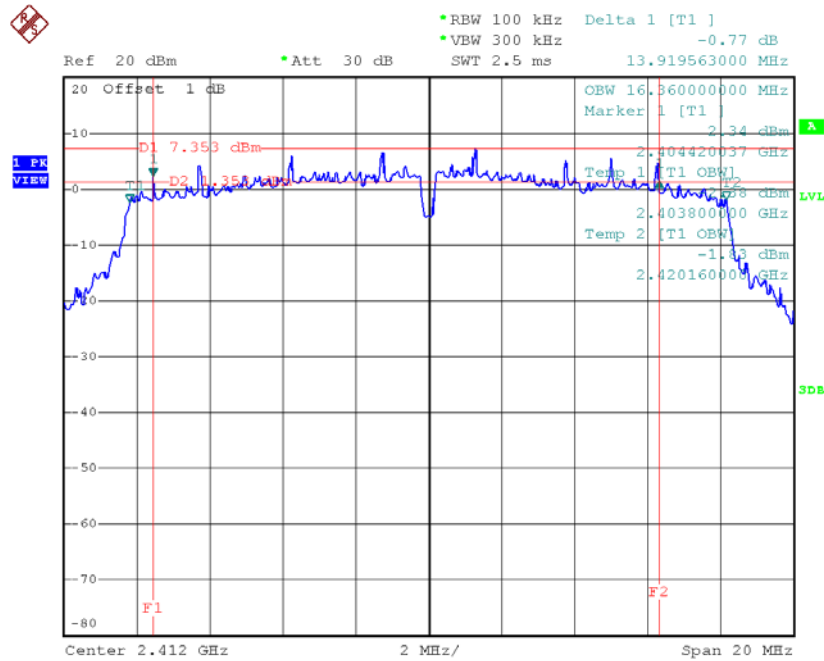


Date: 3.APR.2018 18:20:51

Test Mode: TX G Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	13.92	16.36	500	Complies
2437	15.12	16.36	500	Complies
2462	13.85	16.36	500	Complies

TX CH01



Date: 3.APR.2018 18:23:03

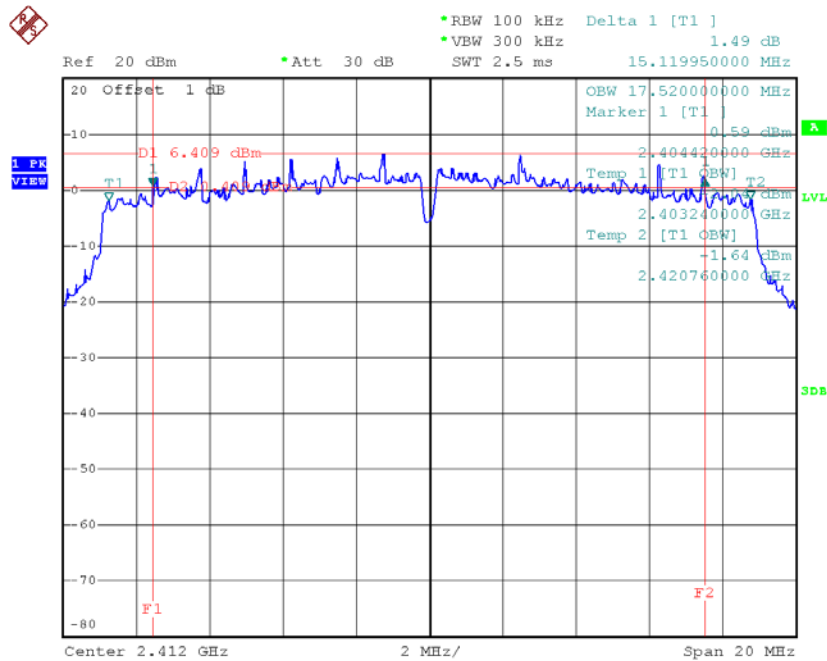


Page 111 of 190

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

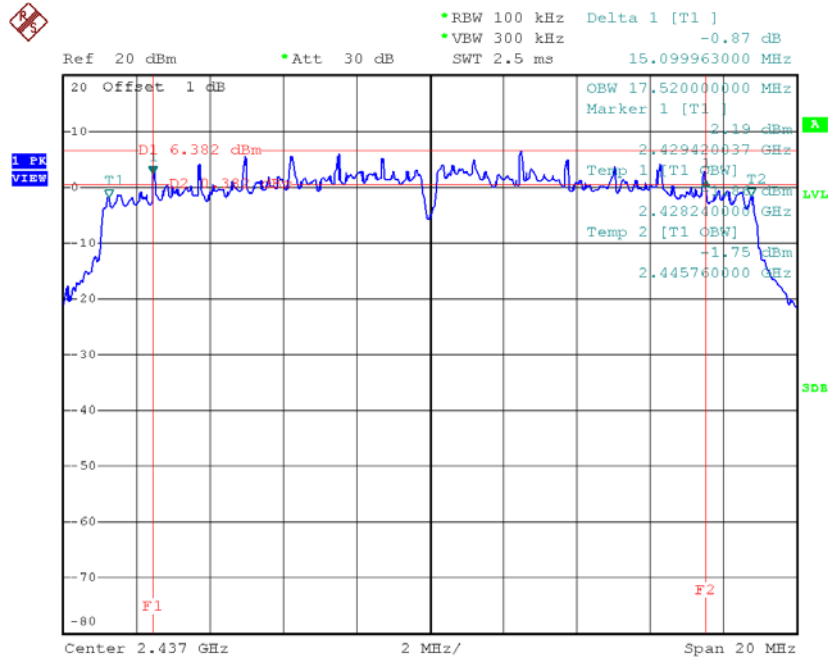
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	15.12	17.52	500	Complies
2437	15.1	17.52	500	Complies
2462	15.06	17.52	500	Complies

TX CH01



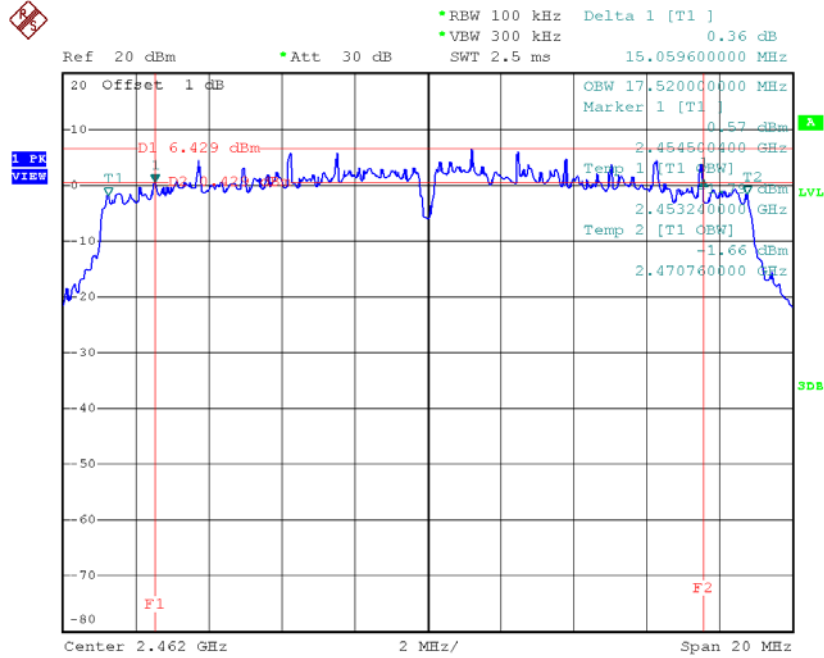
Date: 3.APR.2018 18:27:33

TX CH06



Date: 3.APR.2018 18:28:48

TX CH11

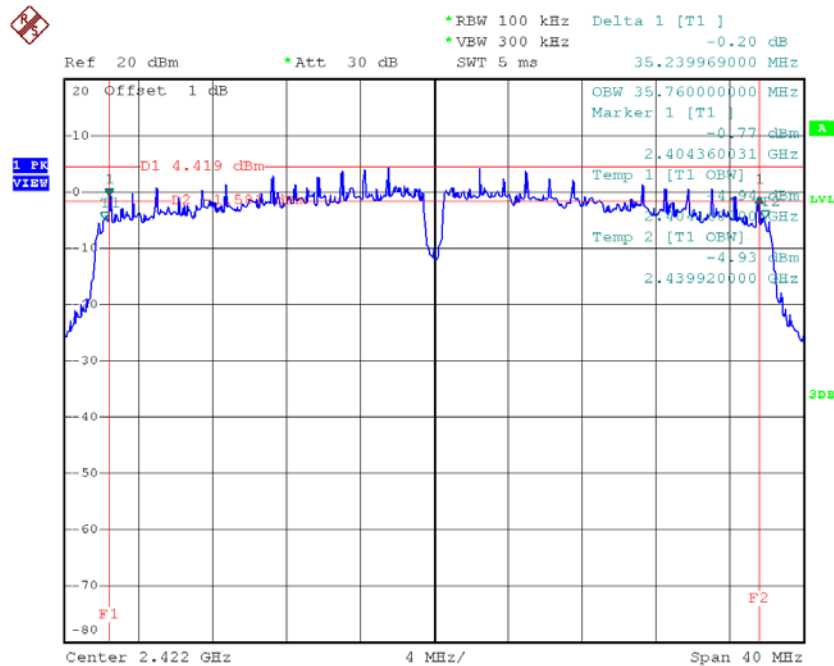


Date: 3.APR.2018 18:30:02

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

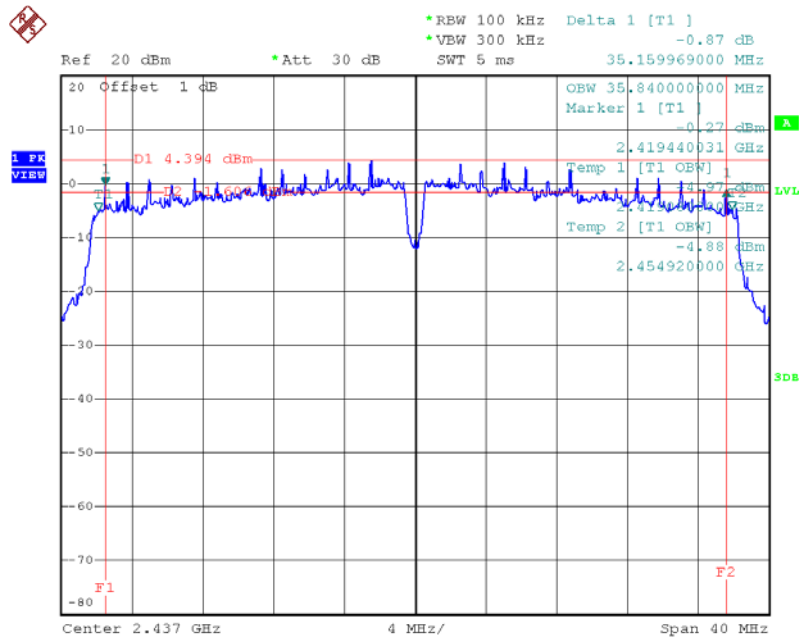
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.24	35.76	500	Complies
2437	35.16	35.84	500	Complies
2452	35.16	35.84	500	Complies

TX CH03



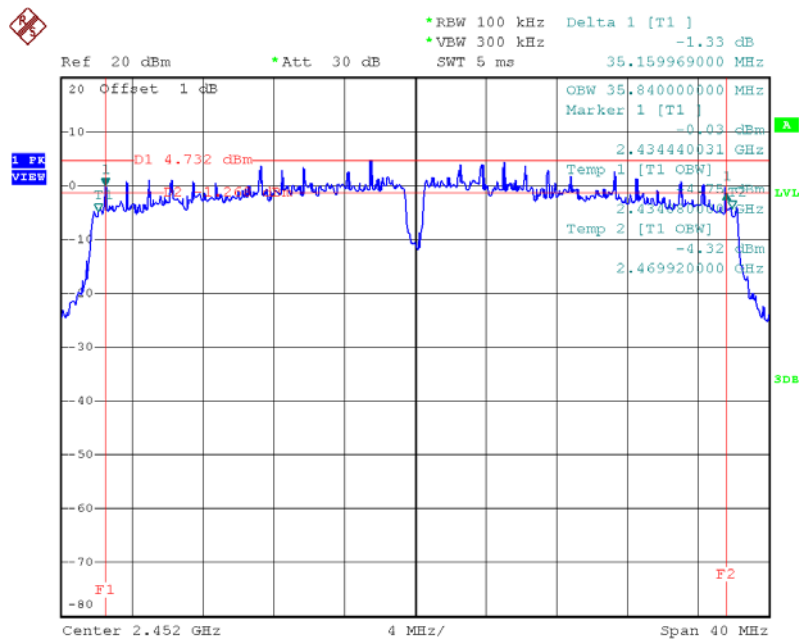
Date: 3.APR.2018 18:37:45

TX CH06



Date: 3.APR.2018 18:39:02

TX CH09



Date: 3.APR.2018 18:40:26

APPENDIX F - MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.03	0.10	30.00	1.00	Complies
2437	22.19	0.17	30.00	1.00	Complies
2462	18.53	0.07	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	19.89	0.10	30.00	1.00	Complies
2437	21.93	0.16	30.00	1.00	Complies
2462	17.74	0.06	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	22.97	0.20	30.00	1.00	Complies
2437	25.07	0.32	30.00	1.00	Complies
2462	21.16	0.13	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	24.85	0.31	30.00	1.00	Complies
2437	24.49	0.28	30.00	1.00	Complies
2462	24.81	0.30	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	25.04	0.32	30.00	1.00	Complies
2437	24.46	0.28	30.00	1.00	Complies
2462	24.47	0.28	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	27.96	0.62	30.00	1.00	Complies
2437	27.49	0.56	30.00	1.00	Complies
2462	27.65	0.58	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	23.71	0.23	30.00	1.00	Complies
2437	24.67	0.29	30.00	1.00	Complies
2462	24.76	0.30	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	23.99	0.25	30.00	1.00	Complies
2437	24.51	0.28	30.00	1.00	Complies
2462	24.12	0.26	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	26.86	0.49	30.00	1.00	Complies
2437	27.60	0.58	30.00	1.00	Complies
2462	27.46	0.56	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	20.63	0.12	30.00	1.00	Complies
2437	24.09	0.26	30.00	1.00	Complies
2452	21.86	0.15	30.00	1.00	Complies

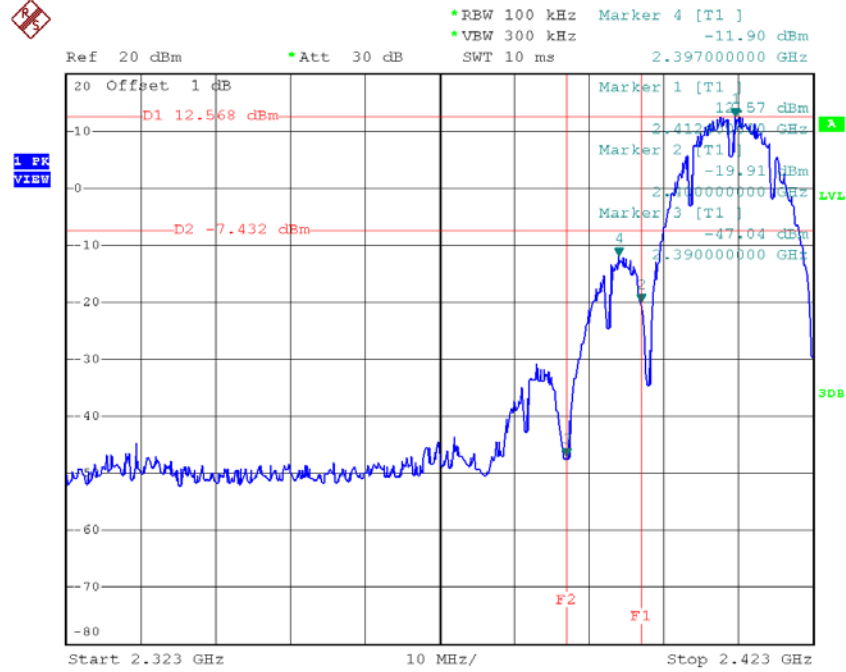
Test Mode :TX N40 Mode_CH03/06/09_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	20.31	0.11	30.00	1.00	Complies
2437	24.21	0.26	30.00	1.00	Complies
2452	21.43	0.14	30.00	1.00	Complies

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	23.48	0.22	30.00	1.00	Complies
2437	27.16	0.52	30.00	1.00	Complies
2452	24.66	0.29	30.00	1.00	Complies

APPENDIX G - ANTENNA CONDUCTED SPURIOUS EMISSION

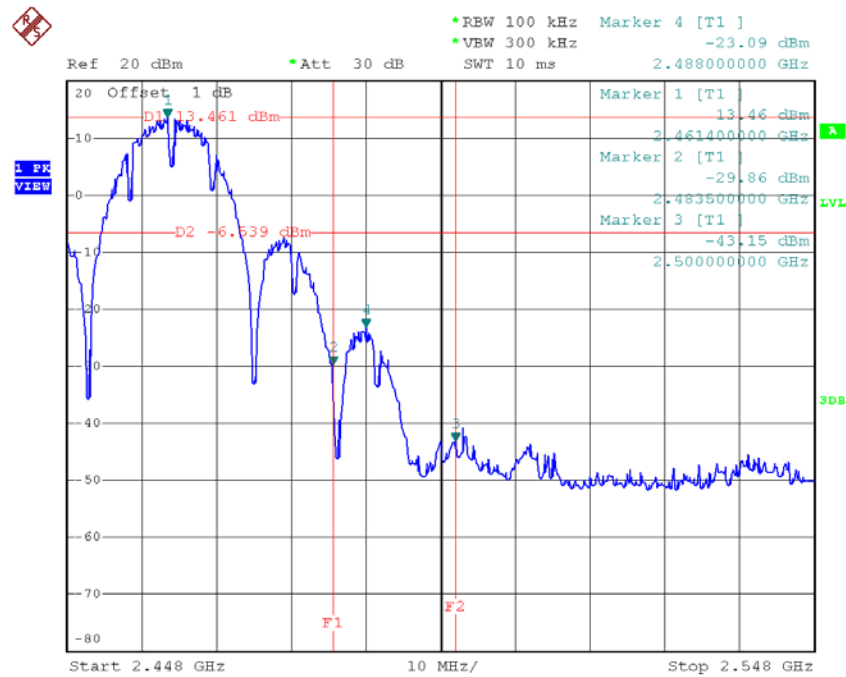
Test Mode : TX B Mode_ANT 1

TX B mode CH01



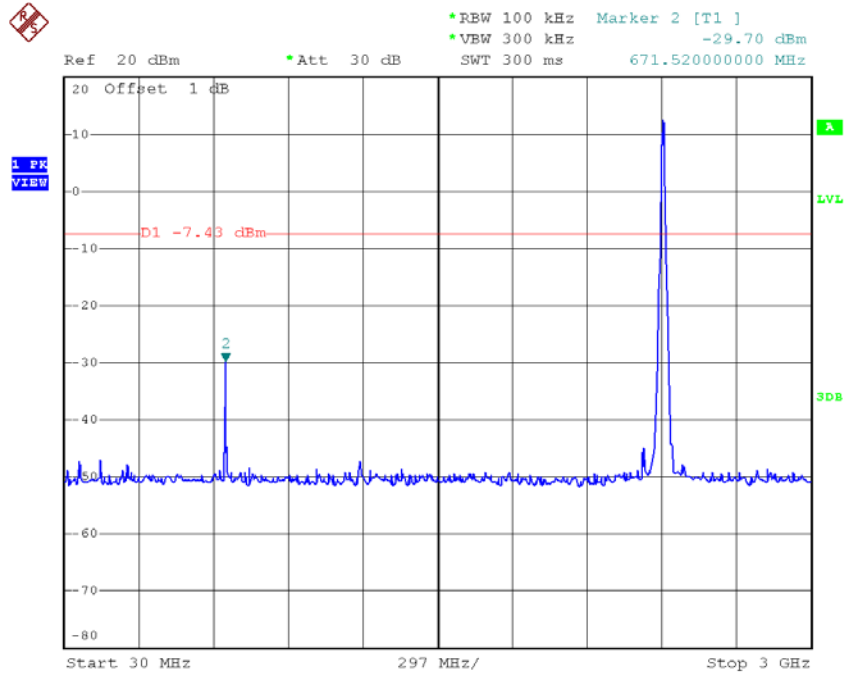
Date: 3.APR.2018 18:15:48

TX B mode CH11

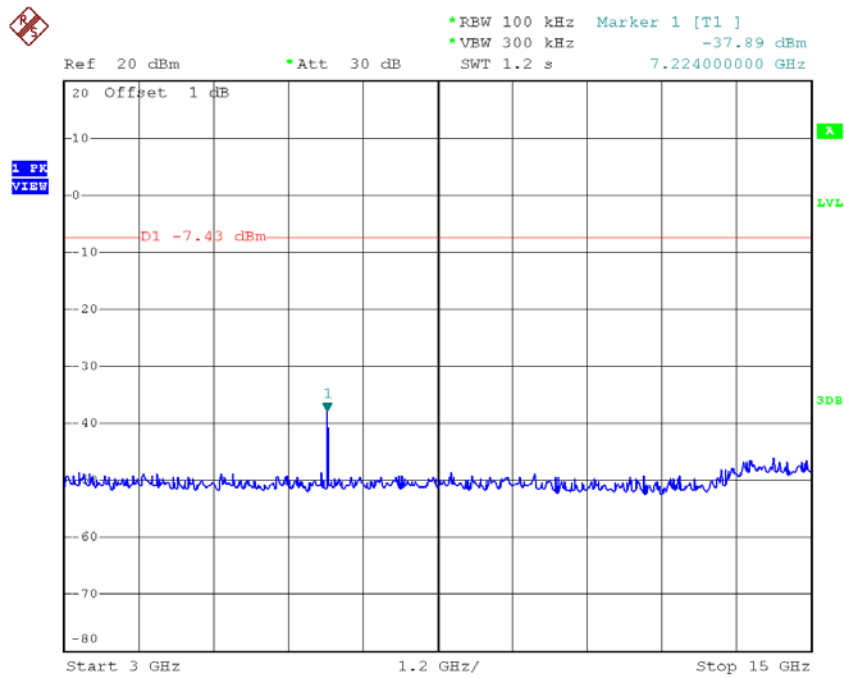


Date: 3.APR.2018 18:20:59

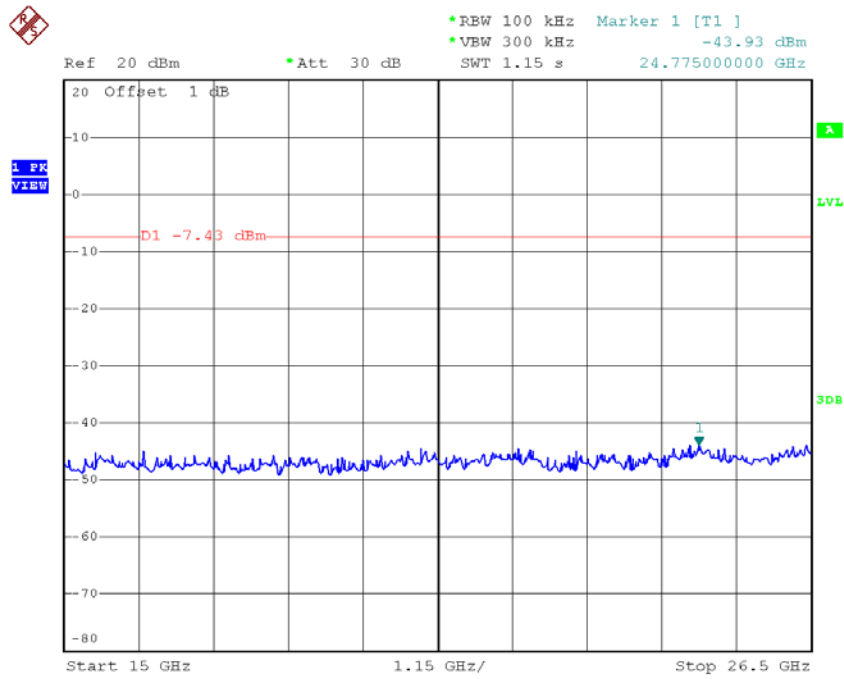
TX B mode CH01 (10 Harmonic of the frequency)



Date: 3.APR.2018 18:16:02

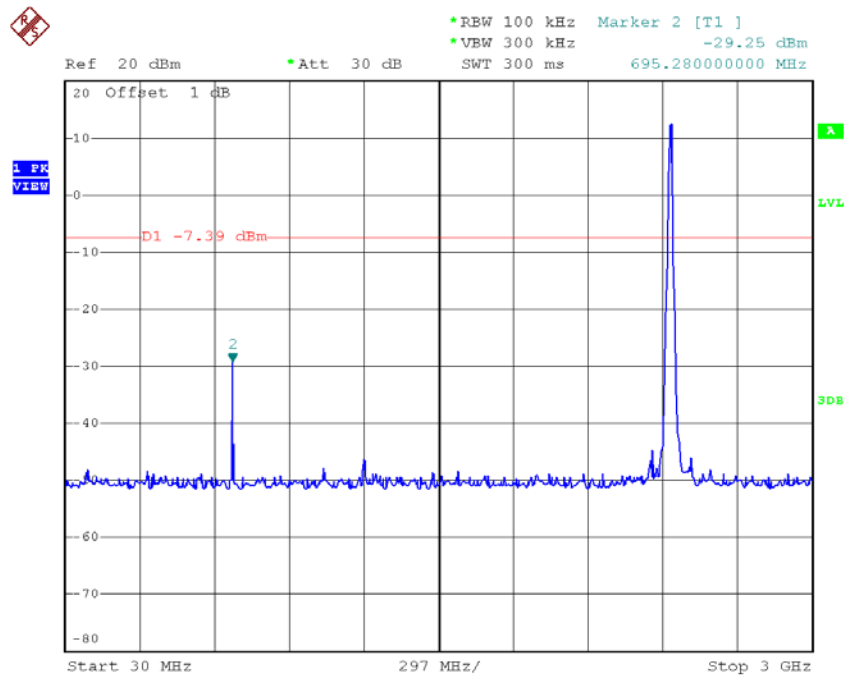


Date: 3.APR.2018 18:16:11

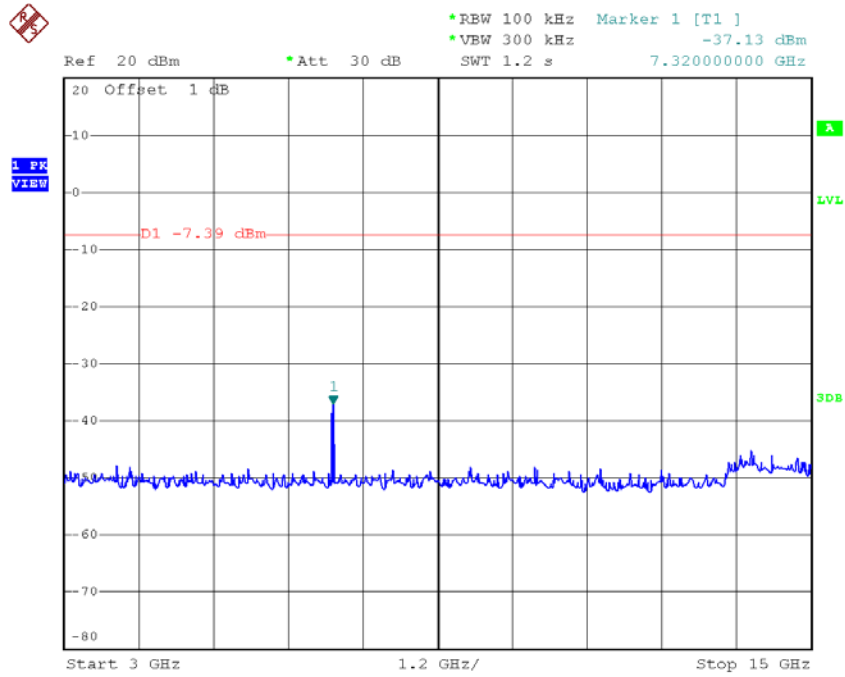


Date: 3.APR.2018 18:16:19

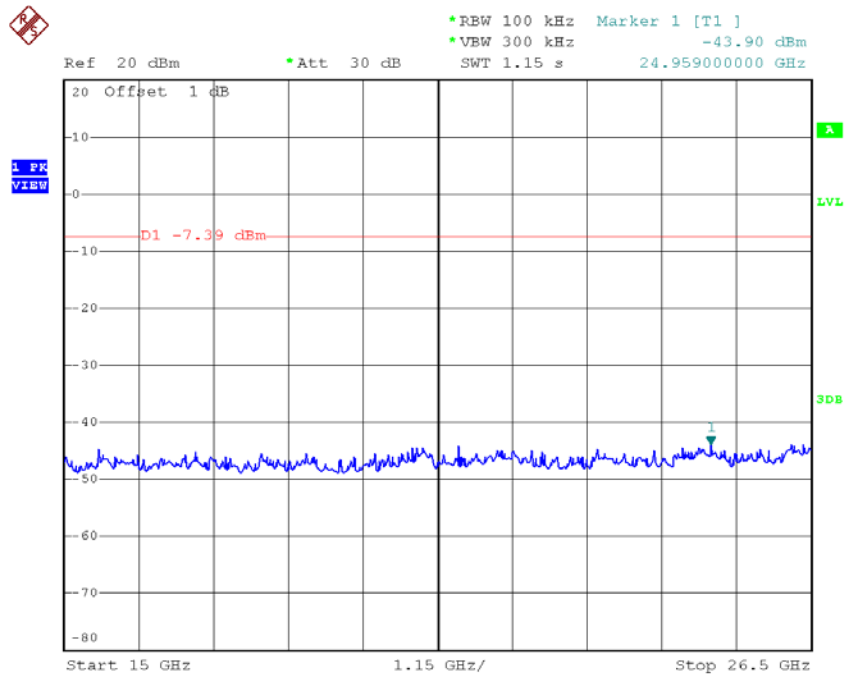
TX B mode CH06 (10 Harmonic of the frequency)



Date: 3.APR.2018 18:18:36

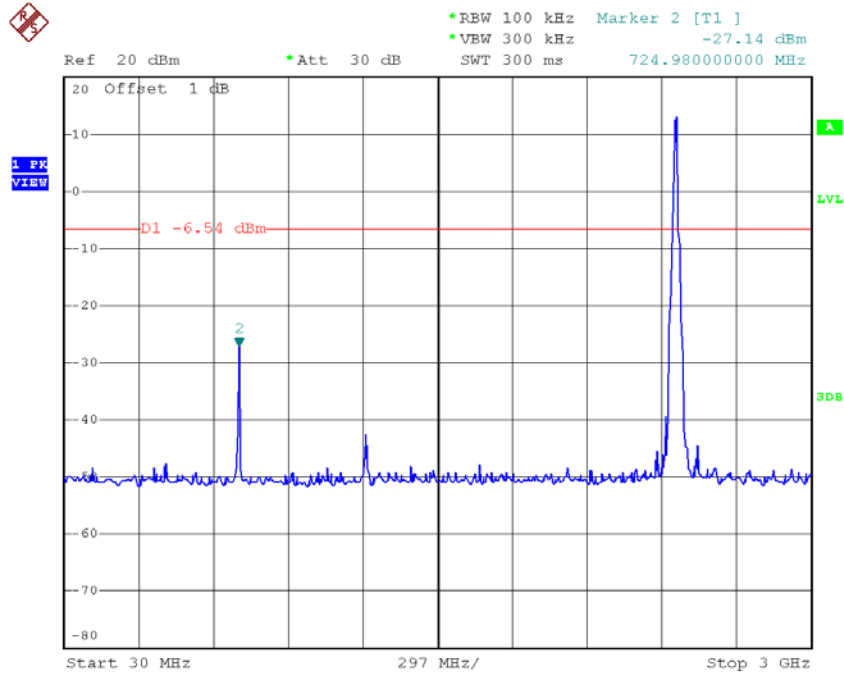


Date: 3.APR.2018 18:18:44

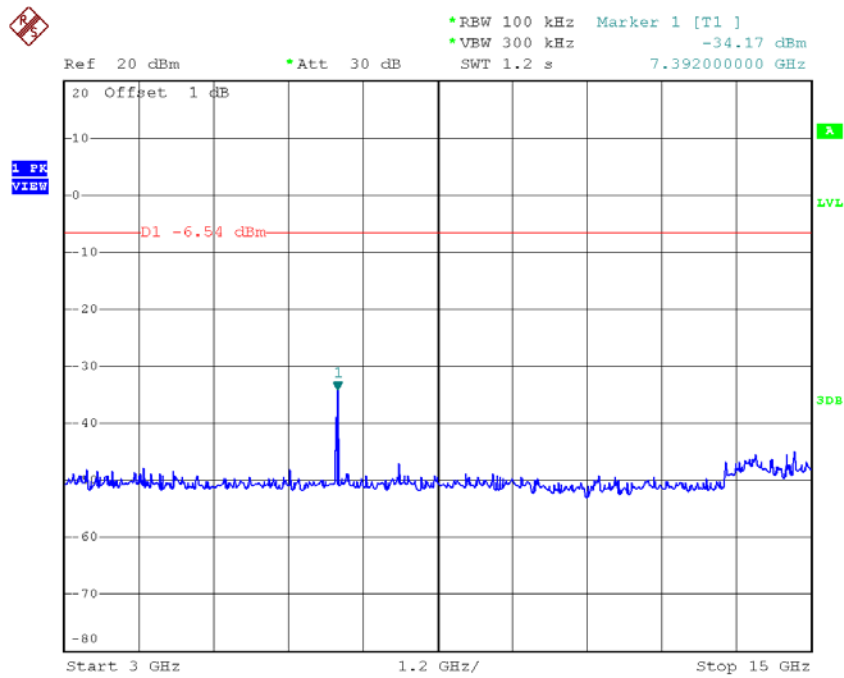


Date: 3.APR.2018 18:18:53

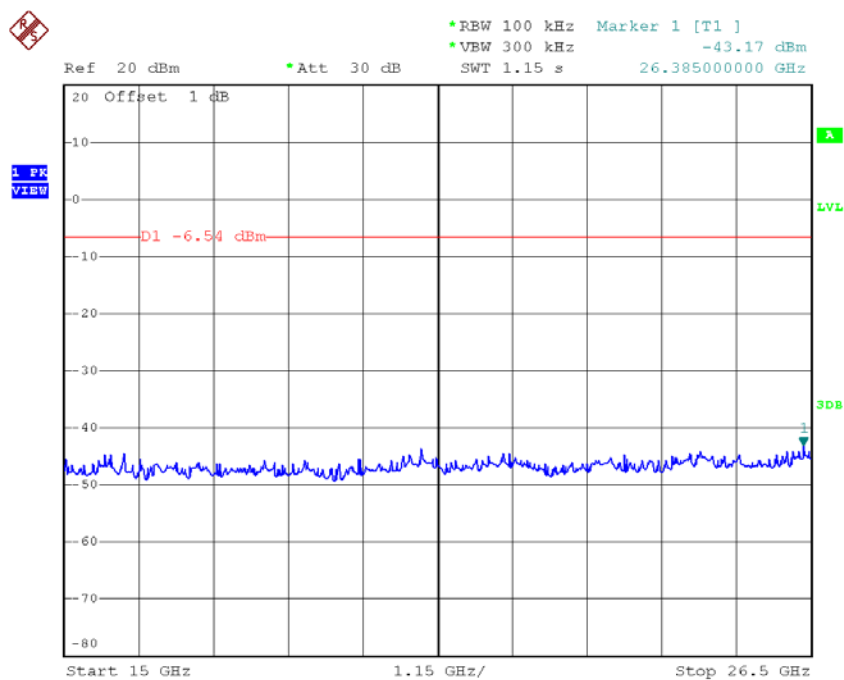
TX B mode CH11 (10 Harmonic of the frequency)



Date: 3.APR.2018 18:21:13



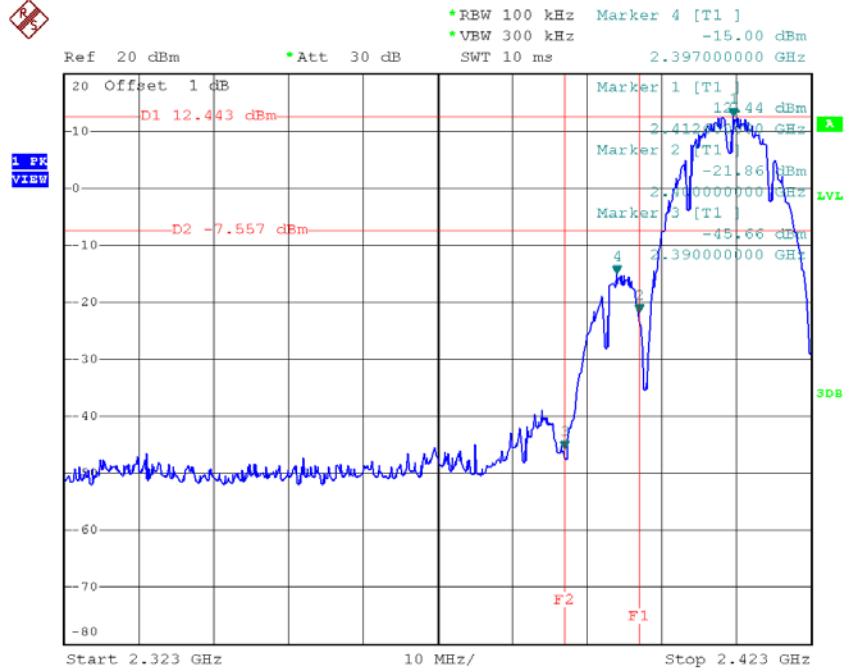
Date: 3.APR.2018 18:21:22



Date: 3.APR.2018 18:21:30

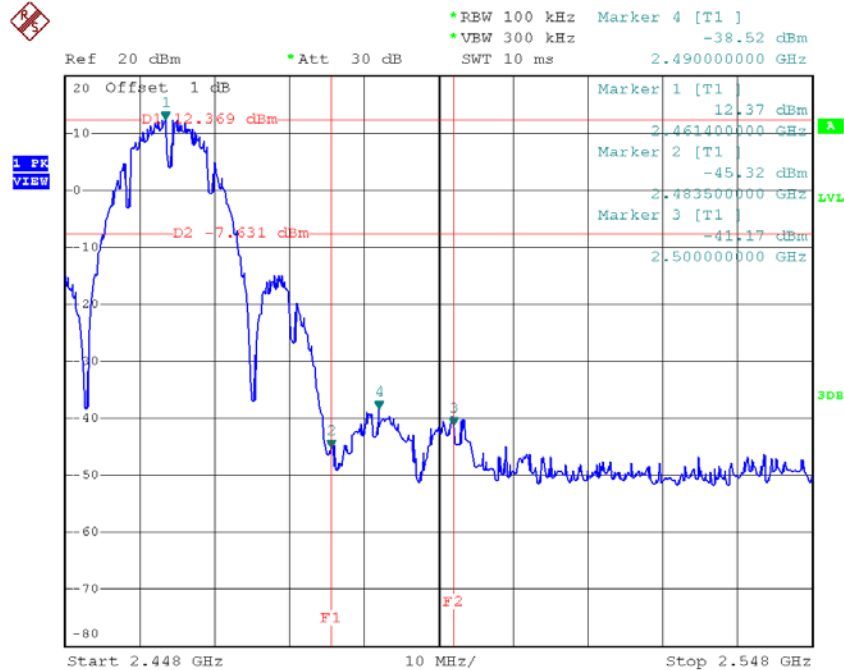
Test Mode : TX B Mode_ANT 2

TX B mode CH01



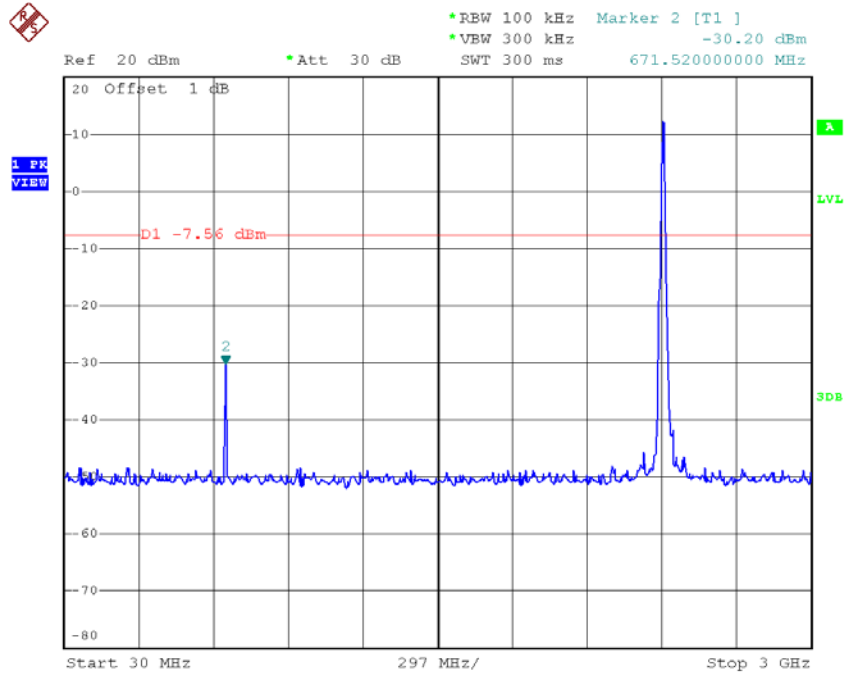
Date: 3.APR.2018 18:43:02

TX B mode CH11

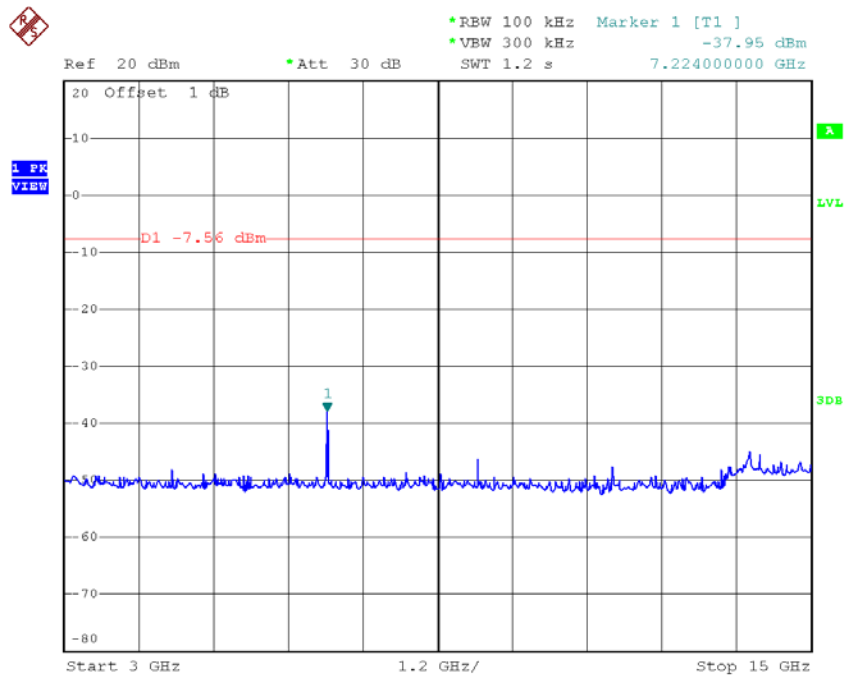


Date: 3.APR.2018 18:47:02

TX B mode CH01 (10 Harmonic of the frequency)



Date: 3.APR.2018 18:43:15



Date: 3.APR.2018 18:43:24