FCC Radio Test Report

FCC ID: QISE5573FS-508

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

Project No.	:	1804C039
Equipment	:	Mobile WiFi
Test Model	:	E5573Fs-508
Series Model	:	N/A
Applicant	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen 518129, P.R.China

Date of Receipt	:	Apr. 09, 2018
Date of Test	:	Apr. 09, 2018 ~ Apr. 27, 2018
Issued Date	:	May 11, 2018
Tested by	:	BTL Inc.

Testing Engineer : Paul Li
(Paul Li)

Technical Manager : Shawn Xiao
(Shawn Xiao)

Authorized Signatory : David Mao
(David Mao)

BTL INC.

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

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

NVLAP TESTING
NVLAP LAB CODE 200788-0

Declaration

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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.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1804C039	Original Issue.	May 11, 2018

1. CERTIFICATION

Equipment	:	Mobile WiFi
Brand Name	:	HUAWEI
Test Model	:	E5573Fs-508
Series Model	:	N/A
Applicant	:	Huawei Technologies Co.,Ltd.
Manufacturer	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China
Factory	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China
Date of Test	:	Apr. 09, 2018 ~ Apr. 27, 2018
Test Sample	:	Engineering Sample No.: D180403107 for Conducted, D180403103 for Radiated.
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-1-1804C039) 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

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=2xUc(y).

The BTL measurement uncertainty as below table:

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	Mobile WiFi	
Brand Name	HUAWEI	
Test Model	E5573Fs-508	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2457 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 150 Mbps
	Output Power (Max.)	802.11b: 17.99dBm 802.11g: 25.67dBm 802.11n(20MHz): 23.73dBm 802.11n(40MHz): 24.16dBm
Power Source	#1 DC Voltage supplied from AC/DC adapter. #2 Battery Supplied.	
Power Rating	#1:AC 100–240V 50/60Hz DC 5V 1.0A #2:DC 3.8V 1500mAh	
HW Version	CL1E5577ESM02	
SW Version	8.0.1.1(H331SP11C00)	

Note:

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

CH01 - CH10 for 802.11b, 802.11g, 802.11n(20MHz) CH03 - CH08 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		
03	2422	06	2437	09	2452		

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	1.6

4.

Item	Mfr/Brand	Model.
Battery	SCUD (FUJIAN) Electronics Co., Ltd	HB434666RBC
	Sunwoda Electronic Co.,LTD.	
USB Cable	HONGLIN TECHNOLOGY CO.,LTD	02451044
USB Cable	FOXCONN INTERCONNECT TECHNOLOGY LIMITED	CUBB01M-HC208-DH
	HONGLIN TECHNOLOGY CO.,LTD	130-26654
	Luxshare Precision Industry Co., Ltd.	L99U2013-CS-H
	MING JI ELECTRONICS CO., LTD.	203-0786-0
Adapter	HUIZHOU BYD ELECTRONIC CO., LTD.	HW-050100E01 HW-050100E01 HW-050100E01 HW-050100B01 HW-050100B01 HW-050100B01 HW-050100U01 HW-050100U01 HW-050100U01 HW-050100A01 HW-050100A01 HW-050100A01
	Shenzhen Huntkey Electric Co., Ltd.	
	Dongguan da hong electronics co. LTD.	

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 01/05/10
Mode 2	TX G MODE CHANNEL 01/05/10
Mode 3	TX N-20MHZ MODE CHANNEL 01/05/10
Mode 4	TX N-40MHZ MODE CHANNEL 03/05/08
Mode 5	TX B MODE CHANNEL 01/10
Mode 6	TX G MODE CHANNEL 01/10
Mode 7	TX N-20MHZ MODE CHANNEL 01/10
Mode 8	TX N-40MHZ MODE CHANNEL 03/08
Mode 9	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 9	Normal Link

For Radiated Test	
Final Test Mode	Description
Mode 5	TX B MODE CHANNEL 01/10
Mode 6	TX G MODE CHANNEL 01/10
Mode 7	TX N-20MHZ MODE CHANNEL 01/10
Mode 8	TX N-40MHZ MODE CHANNEL 03/08

For Band Edge Test	
Final Test Mode	Description
Mode 5	TX B MODE CHANNEL 01/10
Mode 6	TX G MODE CHANNEL 01/10
Mode 7	TX N-20MHZ MODE CHANNEL 01/10
Mode 8	TX N-40MHZ MODE CHANNEL 03/08

6dB Spectrum Bandwidth	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/05/10
Mode 2	TX G MODE CHANNEL 01/05/10
Mode 3	TX N-20MHZ MODE CHANNEL 01/05/10
Mode 4	TX N-40MHZ MODE CHANNEL 03/05/08

Maximum Conducted Output Power	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/05/10
Mode 2	TX G MODE CHANNEL 01/05/10
Mode 3	TX N-20MHZ MODE CHANNEL 01/05/10
Mode 4	TX N-40MHZ MODE CHANNEL 03/05/08

Power Spectral Density	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/05/10
Mode 2	TX G MODE CHANNEL 01/05/10
Mode 3	TX N-20MHZ MODE CHANNEL 01/05/10
Mode 4	TX N-40MHZ MODE CHANNEL 03/05/08

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 (6.5Mbps)
802.11n HT40 mode : BPSK (13.5Mbps)
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.

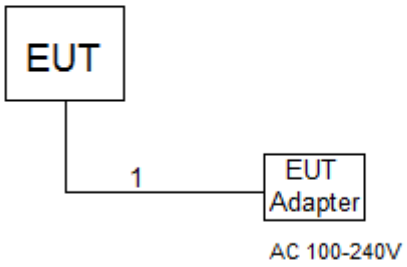
(4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

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	SSCOM32		
Frequency (MHz)	2412	2432	2457
802.11b	14	14	14
802.11g	13	14	13
802.11n (20MHz)	12	12	11
Frequency (MHz)	2422	2432	2447
802.11n (40MHz)	13	13	13

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	1.2m	DC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

(1) The limit of " * " decreases with the logarithm of the frequency

(2) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

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

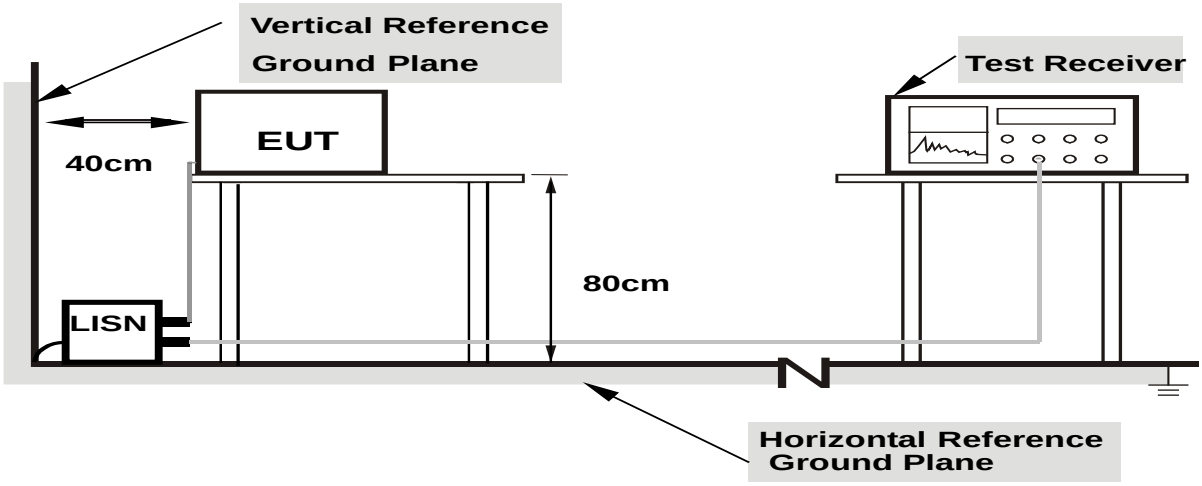
4.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the 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)	Band edge at 3m (dBμV/m)		Harmonic at 1.5m (dBμV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	80 (Note 5)	60(Note 5)

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

(5)

$$FS_{\text{limit}} = FS_{\max} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

20log d limit/d measure=20log 3/1.5=6dB.

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

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

4.2.2 TEST PROCEDURE

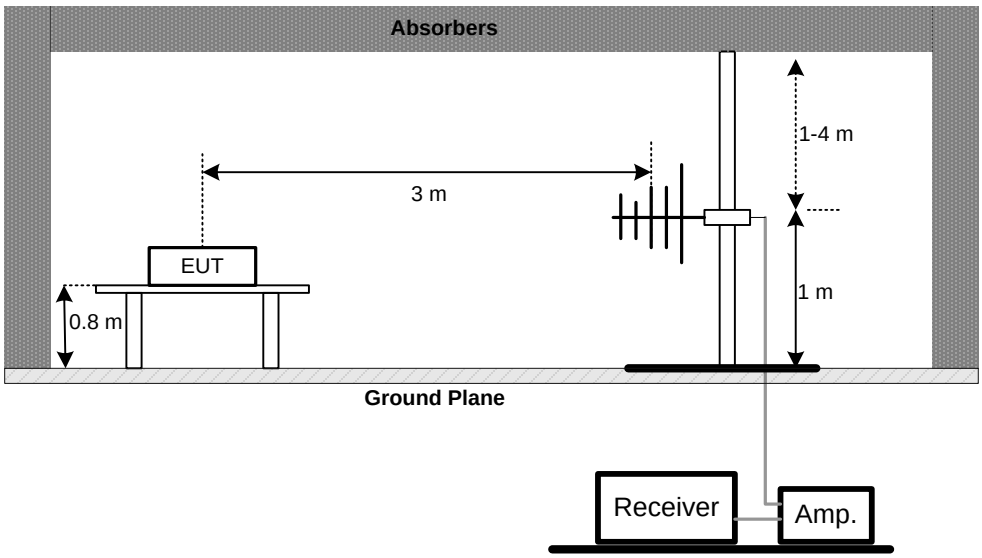
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m or 1.5m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

No deviation

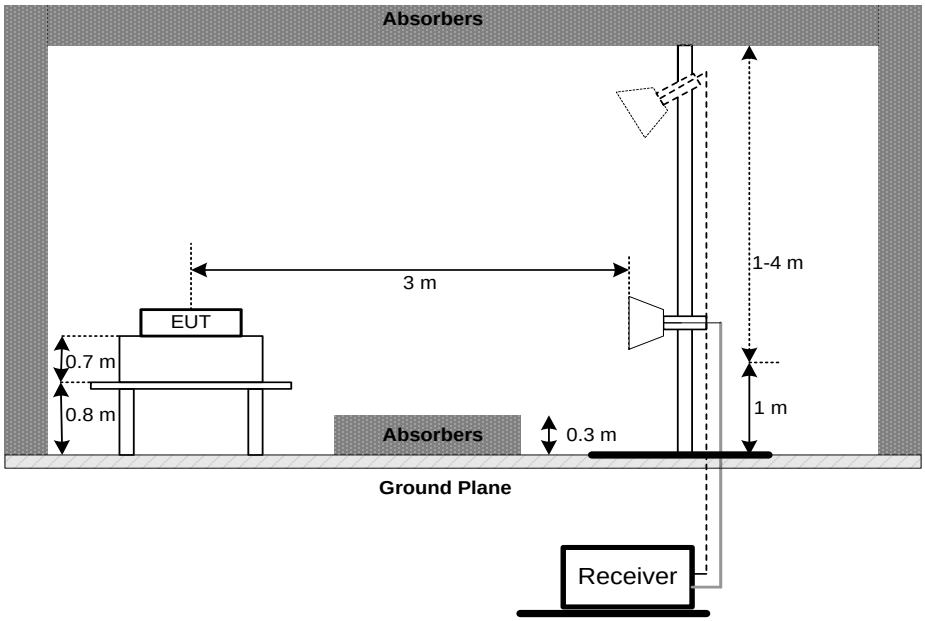
4.2.4 TEST SETUP

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

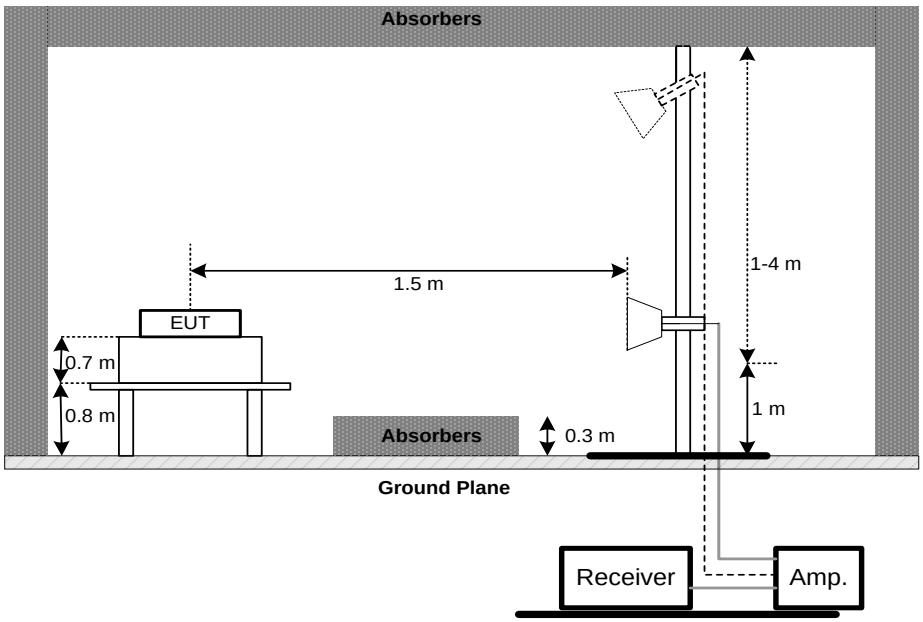


(B) Radiated Emission Test Set-Up Frequency Above 1 GHz

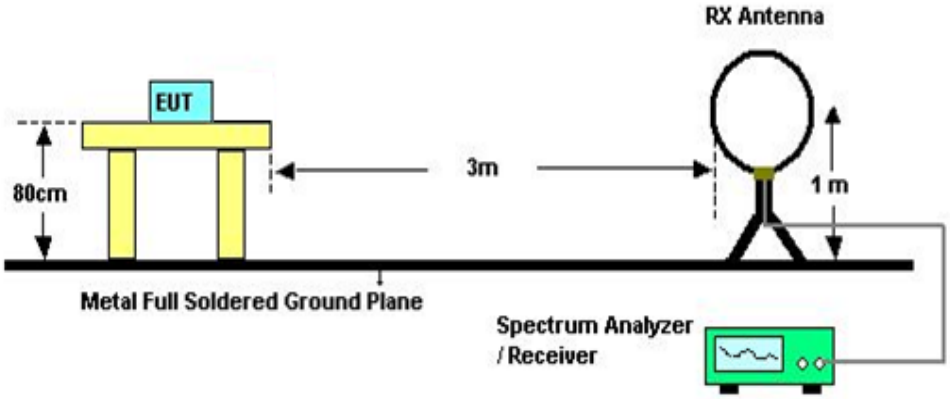
Band edge



Harmonic



(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 (specific distance / 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

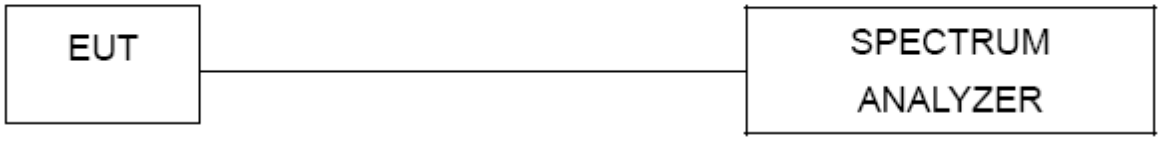
5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the 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

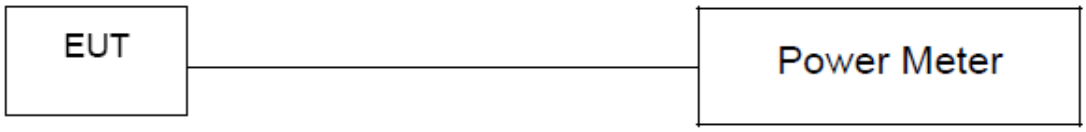
6.1.1 TEST PROCEDURE

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the 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.

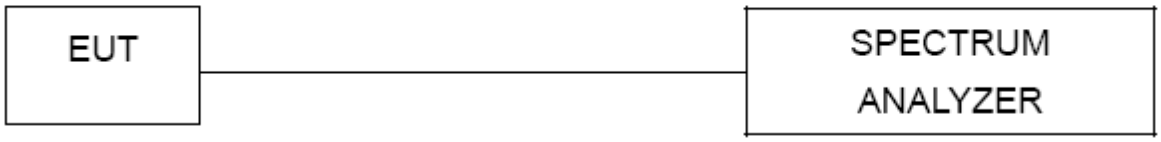
7.1.1 TEST PROCEDURE

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the 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

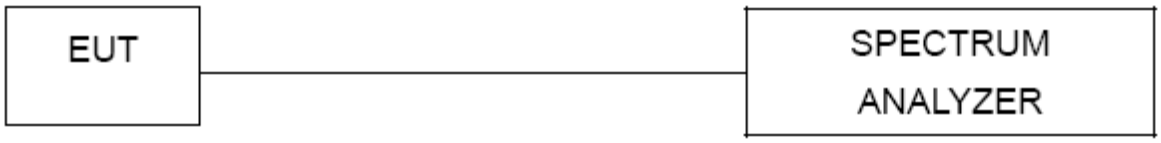
8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
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 Measurement - 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 Measurement - 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

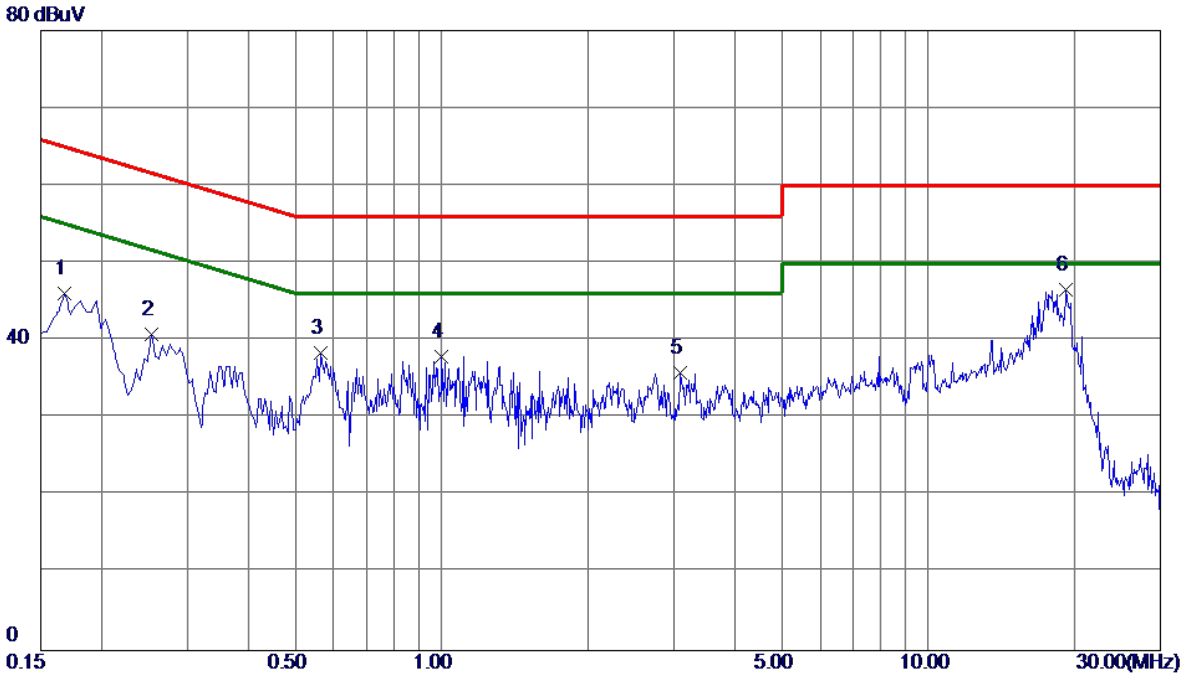
Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

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

APPENDIX A - CONDUCTED EMISSION

Test Mode :	Normal Link_Adapter:Huntkey

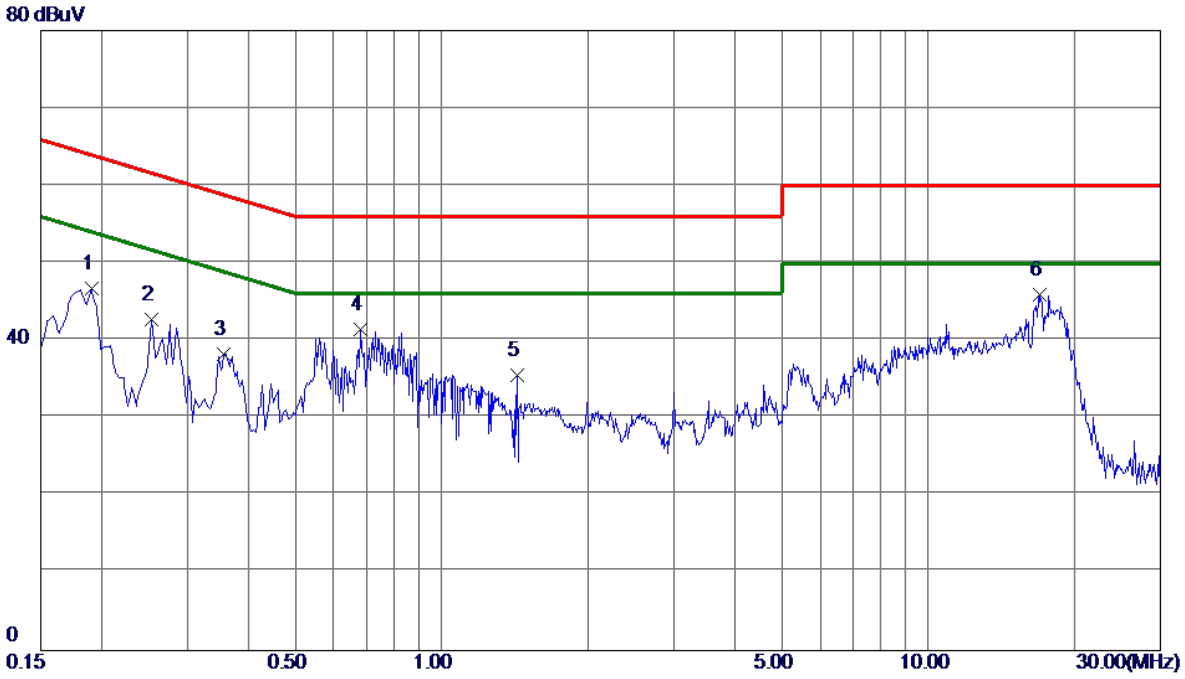
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1680	36.30	9.82	46.12	65.06	-18.94	Peak	
2	0.2535	31.01	9.82	40.83	61.64	-20.81	Peak	
3	0.5639	28.55	9.82	38.37	56.00	-17.63	Peak	
4	1.0005	28.06	9.92	37.98	56.00	-18.02	Peak	
5	3.0975	25.79	10.06	35.85	56.00	-20.15	Peak	
6 *	19.2345	35.38	11.12	46.50	60.00	-13.50	Peak	

Test Mode :	Normal Link_Adapter:Huntkey

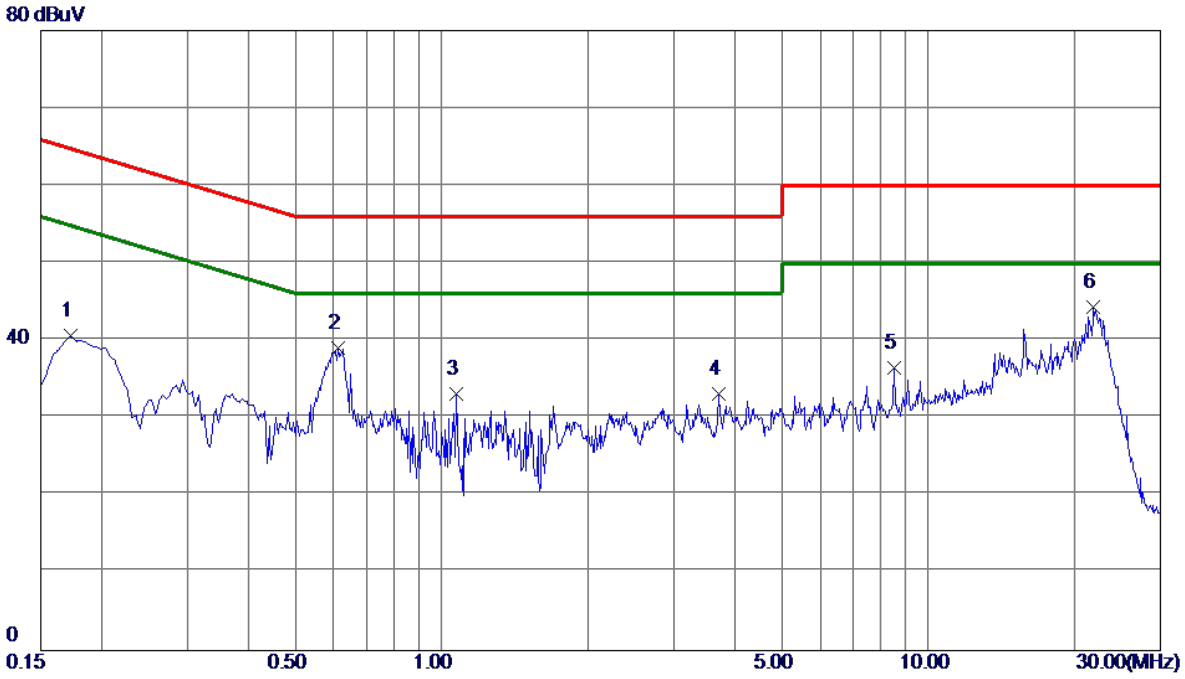
Neutral



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1905	36.79	9.91	46.70	64.01	-17.31	Peak	
2	0.2535	32.81	9.92	42.73	61.64	-18.91	Peak	
3	0.3570	28.36	9.95	38.31	58.80	-20.49	Peak	
4	0.6809	31.38	10.03	41.41	56.00	-14.59	Peak	
5	1.4325	25.44	10.15	35.59	56.00	-20.41	Peak	
6 *	16.9305	34.72	11.24	45.96	60.00	-14.04	Peak	

Test Mode :	Normal Link_Adapter:BYD

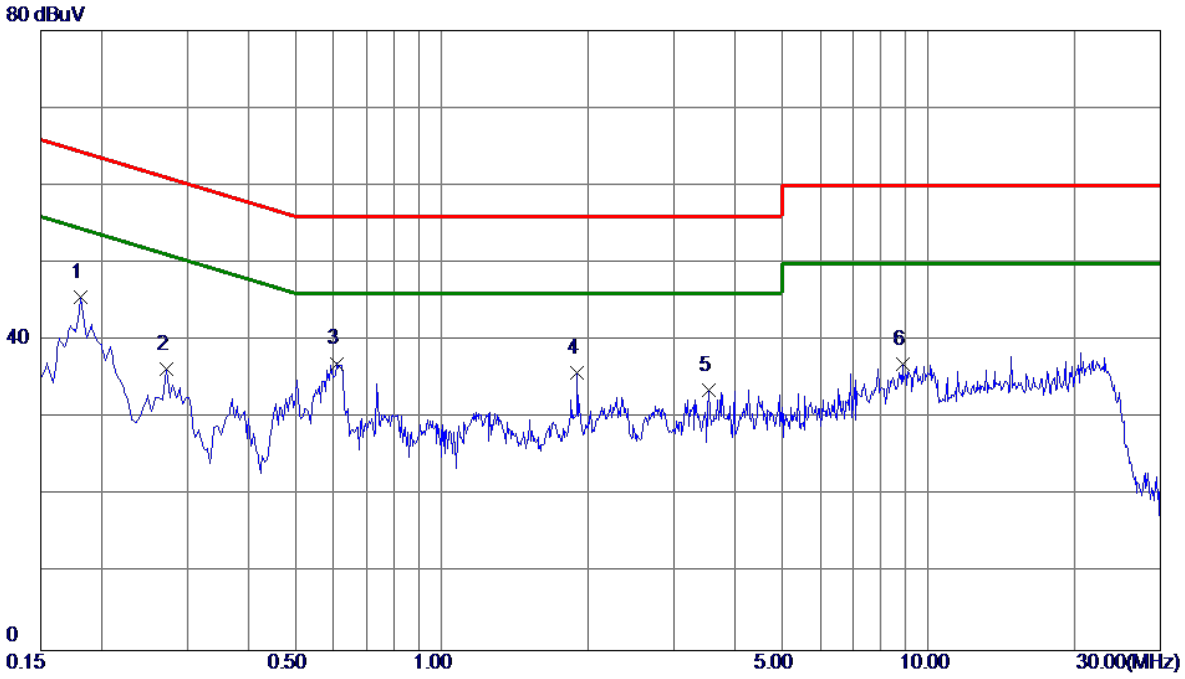
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1725	30.78	9.82	40.60	64.84	-24.24	Peak	
2	0.6134	29.25	9.84	39.09	56.00	-16.91	Peak	
3	1.0725	23.20	9.92	33.12	56.00	-22.88	Peak	
4	3.7140	22.94	10.11	33.05	56.00	-22.95	Peak	
5	8.5245	26.14	10.41	36.55	60.00	-23.45	Peak	
6 *	21.8895	33.10	11.17	44.27	60.00	-15.73	Peak	

Test Mode :	Normal Link_Adapter:BYD

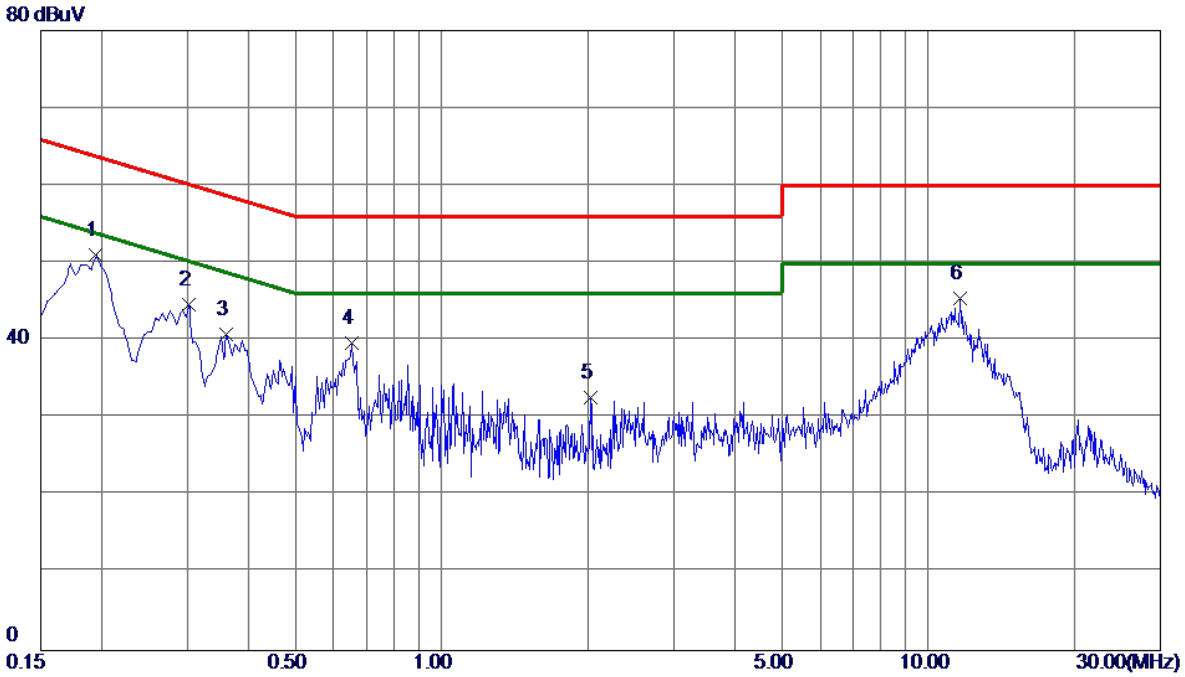
Neutral



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1815	35.71	9.91	45.62	64.42	-18.80	Peak	
2	0.2714	26.39	9.92	36.31	61.07	-24.76	Peak	
3	0.6090	27.05	9.99	37.04	56.00	-18.96	Peak	
4	1.9005	25.72	10.18	35.90	56.00	-20.10	Peak	
5	3.5430	23.38	10.28	33.66	56.00	-22.34	Peak	
6	8.8530	26.29	10.68	36.97	60.00	-23.03	Peak	

Test Mode :	Normal Link_Adapter:Da Hong

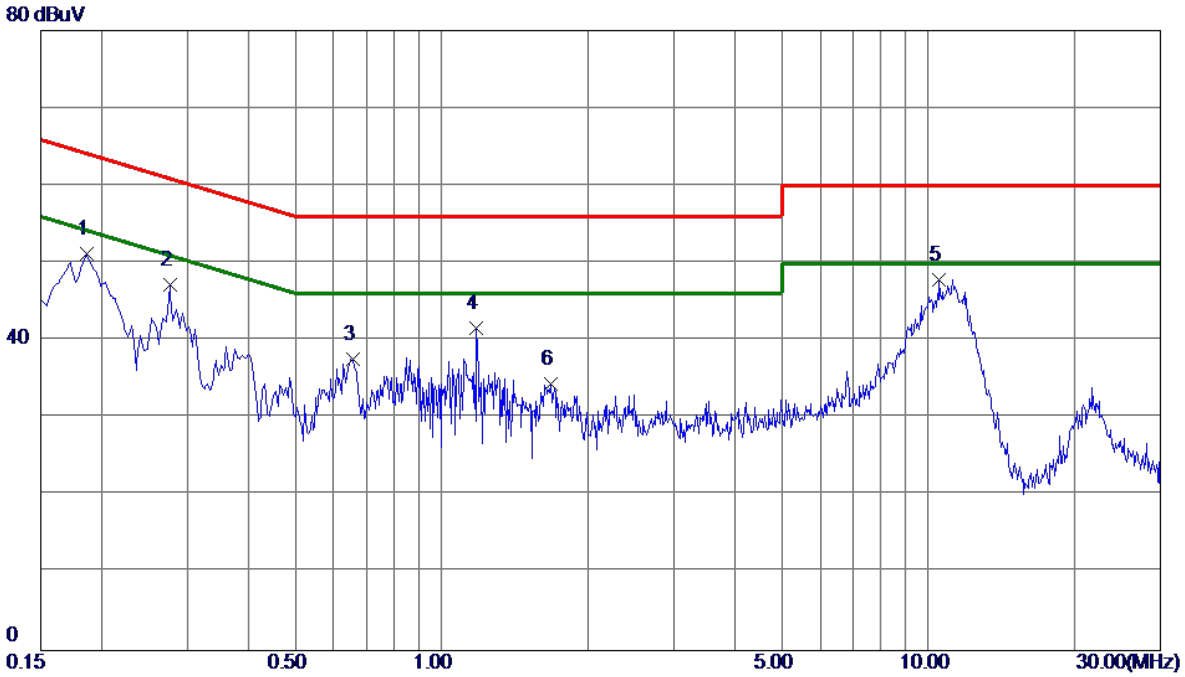
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1949	41.20	9.82	51.02	63.83	-12.81	Peak	
2	0.3030	34.88	9.82	44.70	60.16	-15.46	Peak	
3	0.3615	30.99	9.81	40.80	58.69	-17.89	Peak	
4	0.6540	29.87	9.85	39.72	56.00	-16.28	Peak	
5	2.0220	22.59	10.00	32.59	56.00	-23.41	Peak	
6	11.6025	34.94	10.57	45.51	60.00	-14.49	Peak	

Test Mode :	Normal Link_Adapter:Da Hong

Neutral

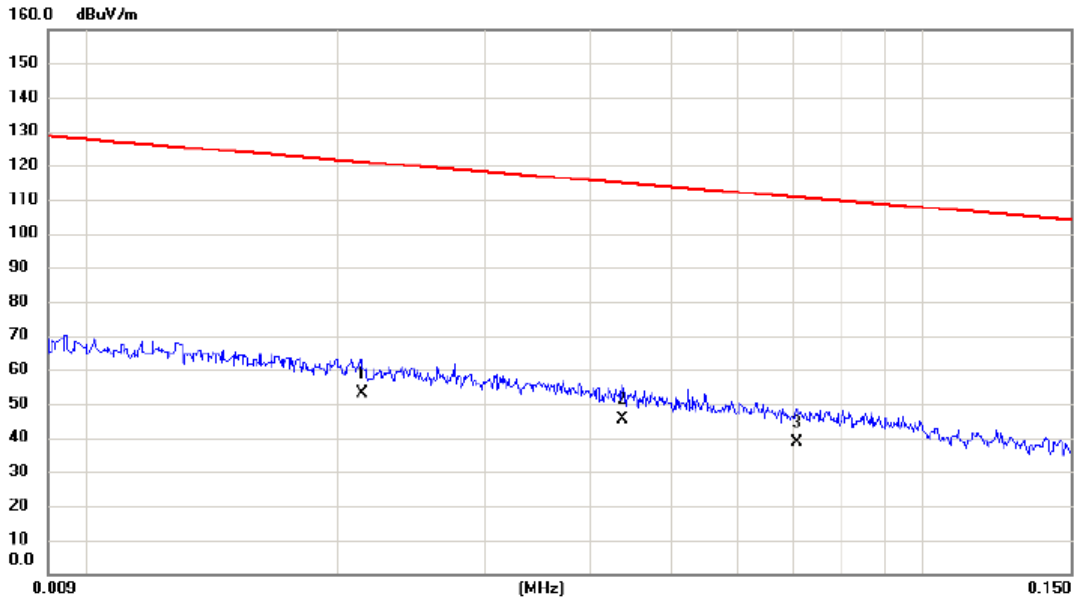


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1860	41.28	9.91	51.19	64.21	-13.02	Peak	
2	0.2760	37.25	9.93	47.18	60.94	-13.76	Peak	
3	0.6585	27.60	10.02	37.62	56.00	-18.38	Peak	
4	1.1805	31.46	10.13	41.59	56.00	-14.41	Peak	
5 *	10.5270	37.12	10.78	47.90	60.00	-12.10	Peak	
6	1.6800	24.25	10.17	34.42	56.00	-21.58	Peak	

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

Test Mode:	TX MODE CHANNEL_Adapter:Huntkey

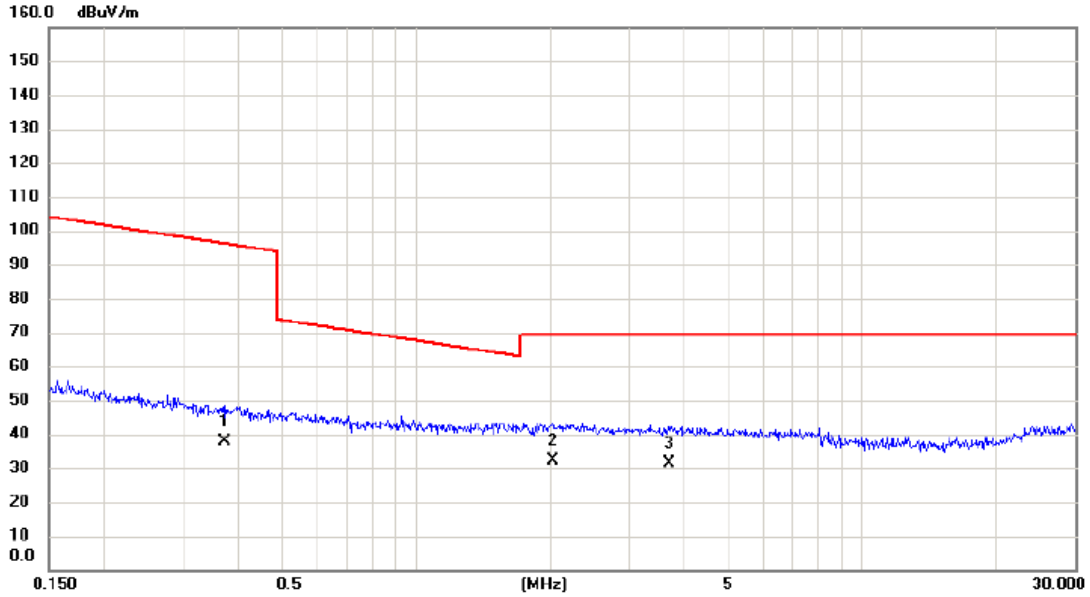
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0214	33.40	19.58	52.98	121.00	-68.02	AVG	
2		0.0437	26.30	18.91	45.21	114.80	-69.59	AVG	
3		0.0706	20.10	18.32	38.42	110.63	-72.21	AVG	

Test Mode:	TX MODE CHANNEL_Adapter:Huntkey

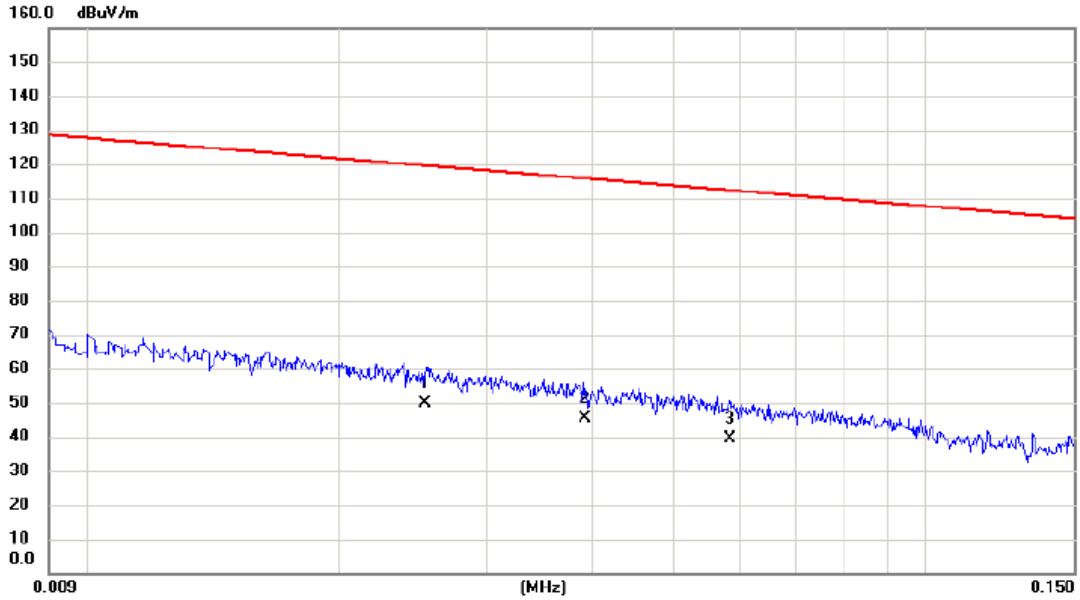
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3731	21.10	16.56	37.66	96.17	-58.51	AVG	
2	*	2.0225	16.90	15.50	32.40	69.54	-37.14	QP	
3		3.7001	16.20	15.03	31.23	69.54	-38.31	QP	

Test Mode:	TX MODE CHANNEL_Adapter:Huntkey

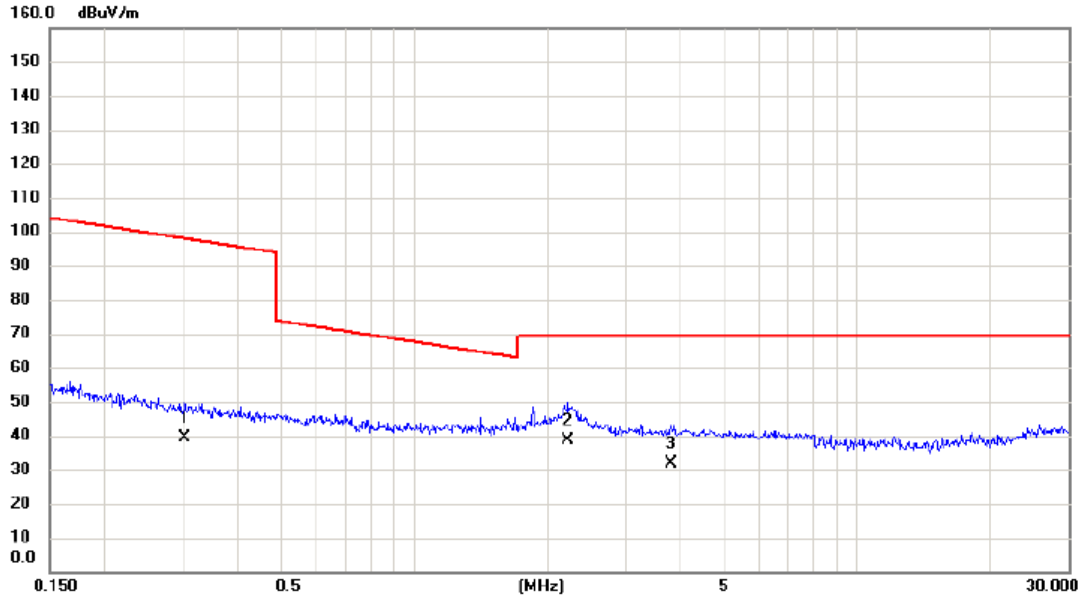
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0253	30.50	19.46	49.96	119.54	-69.58	AVG	
2		0.0392	26.30	19.04	45.34	115.74	-70.40	AVG	
3		0.0584	20.70	18.56	39.26	112.28	-73.02	AVG	

Test Mode:	TX MODE CHANNEL_Adapter:Huntkey

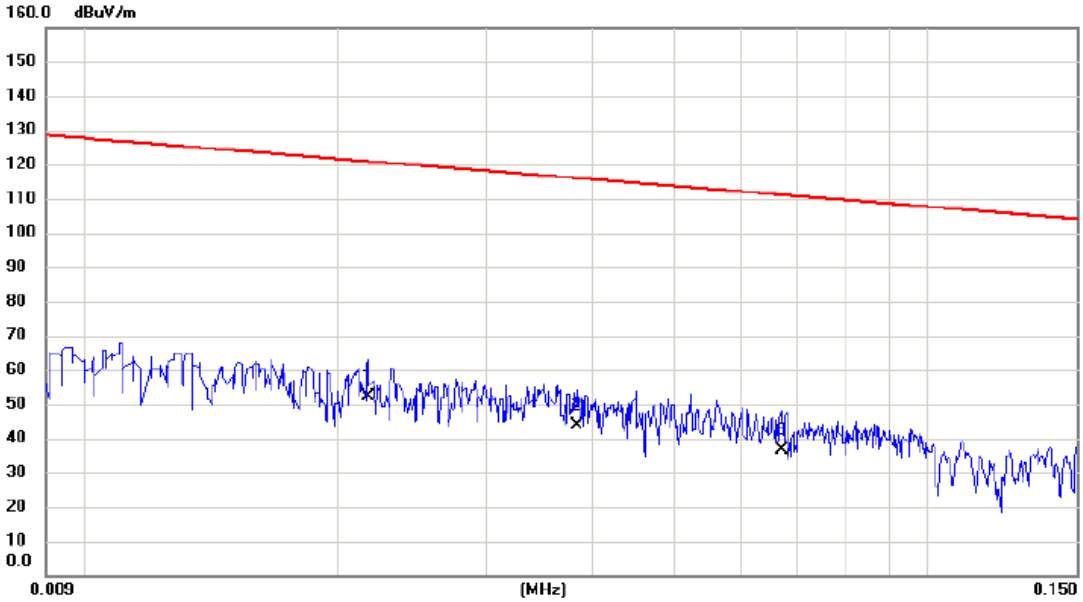
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3035	22.80	16.62	39.42	97.96	-58.54	AVG	
2	*	2.2250	23.20	15.44	38.64	69.54	-30.90	QP	
3		3.7994	16.60	15.01	31.61	69.54	-37.93	QP	

Test Mode:	TX MODE CHANNEL_Adapter:BYD

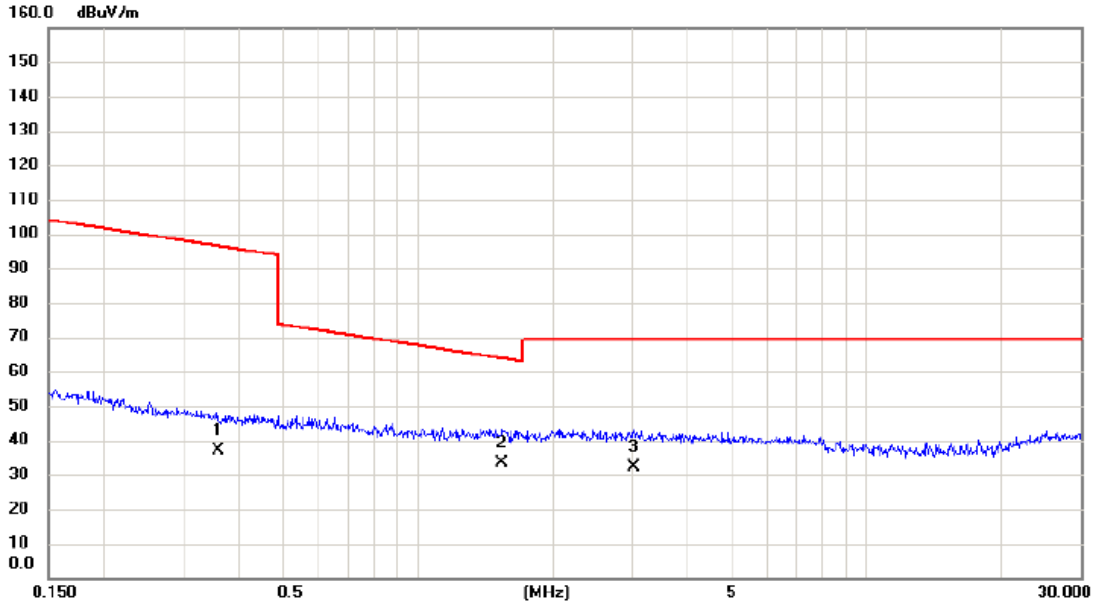
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0217	32.80	19.57	52.37	120.88	-68.51	AVG	
2		0.0384	24.60	19.07	43.67	115.92	-72.25	AVG	
3		0.0670	18.30	18.39	36.69	111.08	-74.39	AVG	

Test Mode:	TX MODE CHANNEL_Adapter:BYD

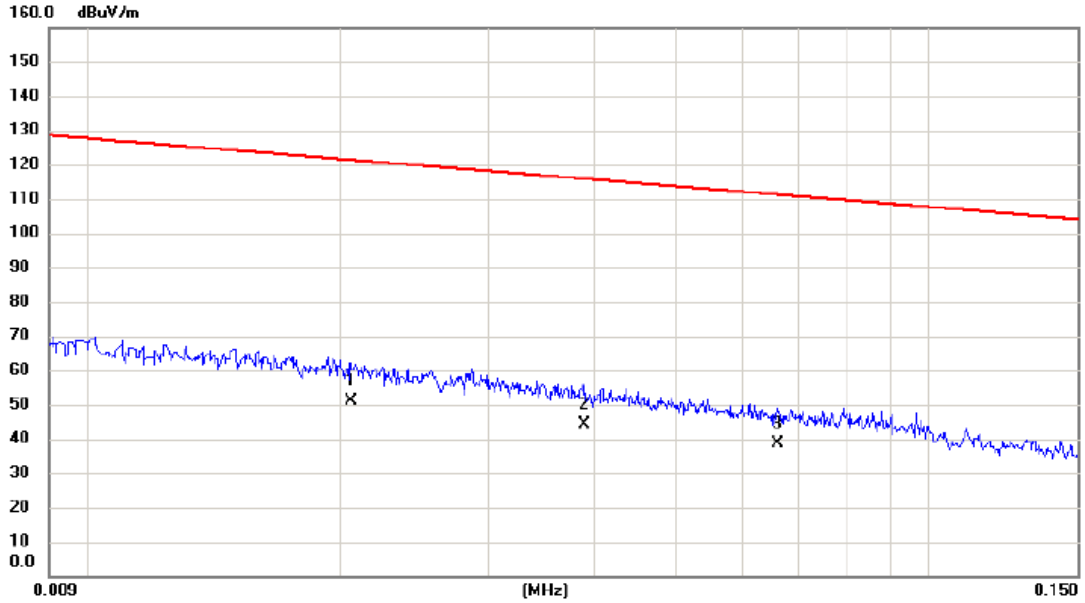
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3577	20.30	16.57	36.87	96.53	-59.66	AVG	
2	*	1.5436	17.60	15.68	33.28	63.83	-30.55	QP	
3		3.0253	16.90	15.22	32.12	69.54	-37.42	QP	

Test Mode:	TX MODE CHANNEL_Adapter:BYD

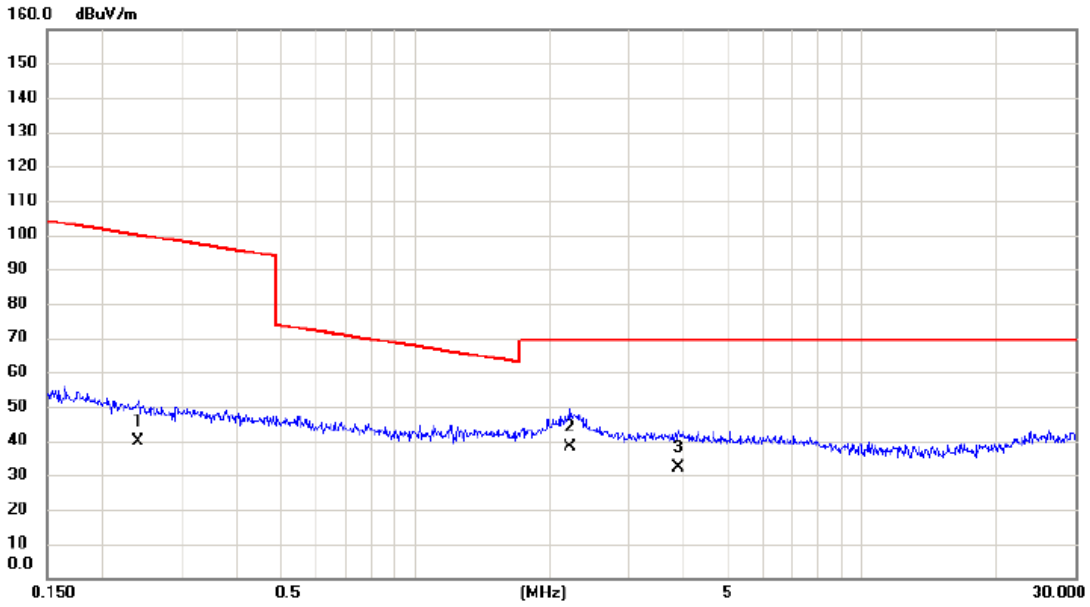
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0206	31.30	19.60	50.90	121.33	-70.43	AVG	
2		0.0390	25.20	19.05	44.25	115.78	-71.53	AVG	
3		0.0660	20.10	18.41	38.51	111.21	-72.70	AVG	

Test Mode:	TX MODE CHANNEL_Adapter:BYD

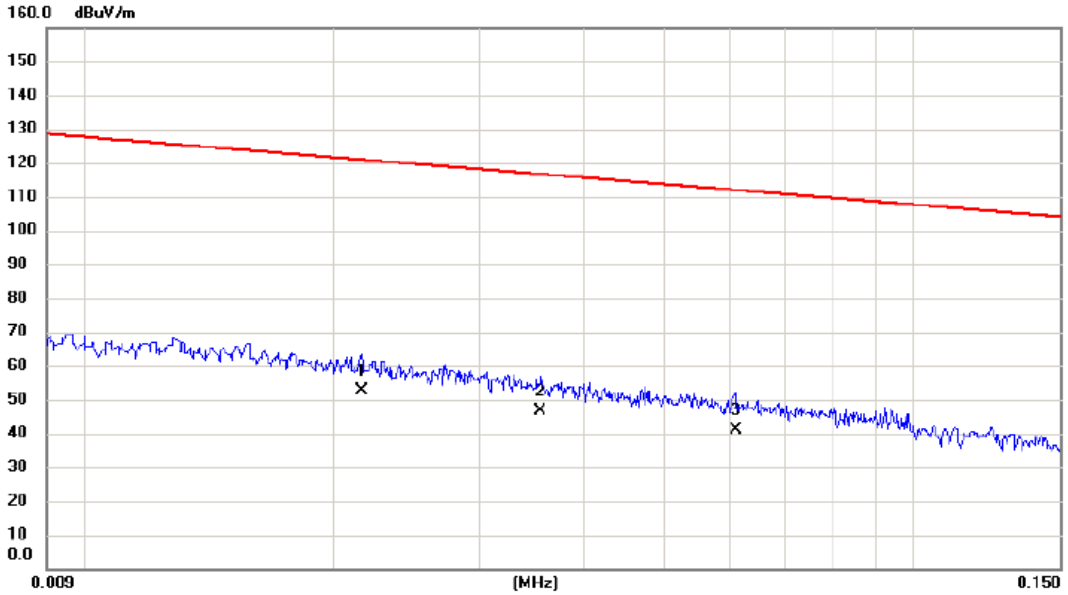
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2404	23.30	16.69	39.99	99.99	-60.00	AVG	
2	*	2.2250	22.70	15.44	38.14	69.54	-31.40	QP	
3		3.8808	17.20	14.99	32.19	69.54	-37.35	QP	

Test Mode:	TX MODE CHANNEL _Adapter:Da Hong

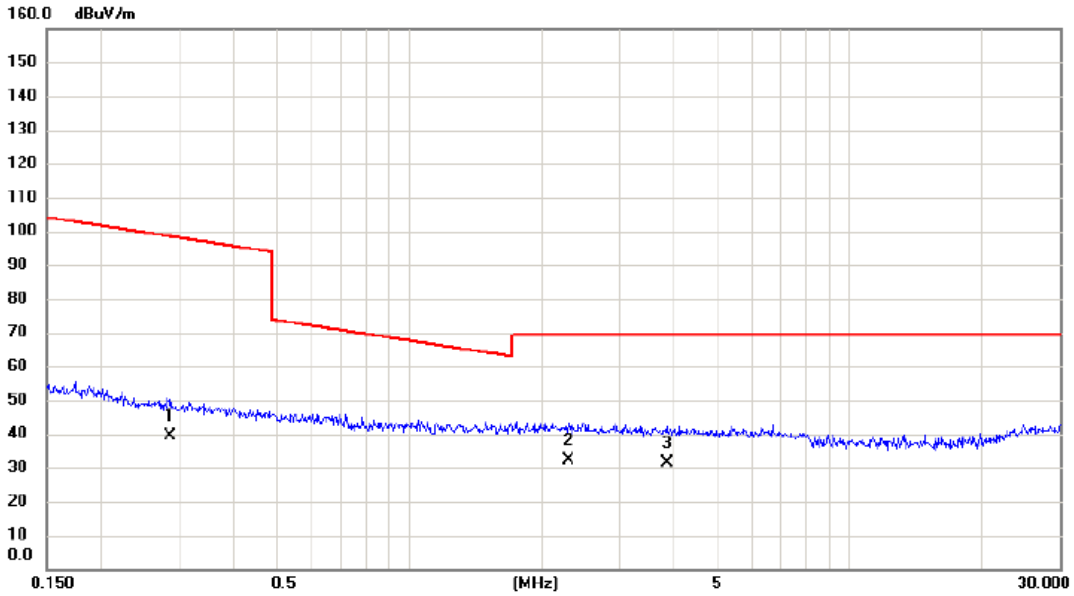
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0216	33.20	19.57	52.77	120.92	-68.15	AVG	
2		0.0355	27.30	19.16	46.46	116.60	-70.14	AVG	
3		0.0610	22.50	18.51	41.01	111.90	-70.89	AVG	

Test Mode:	TX MODE CHANNEL_Adapter:Da Hong

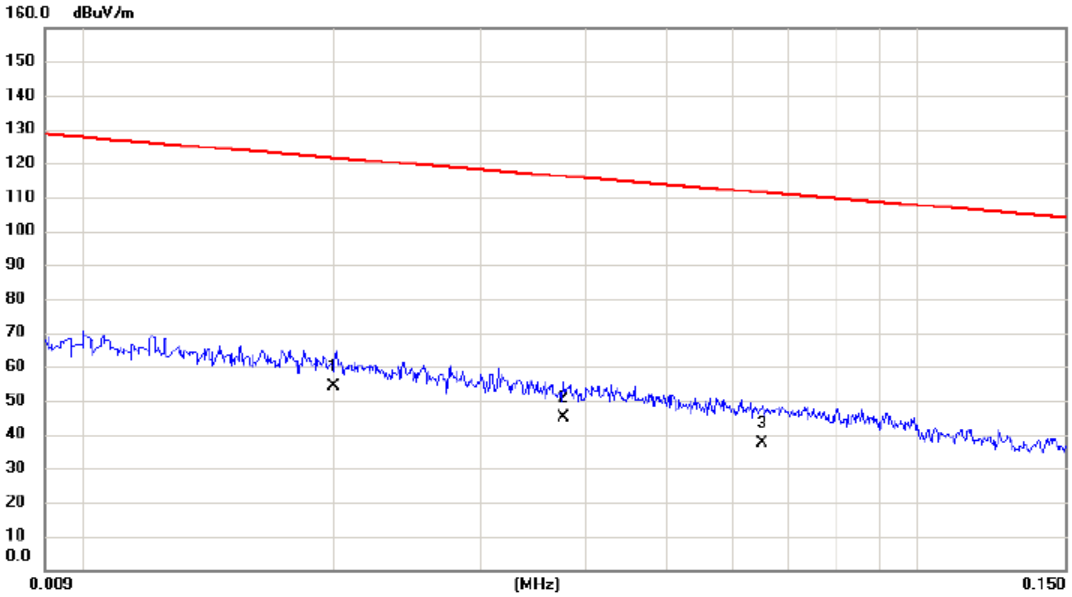
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2863	22.80	16.63	39.43	98.47	-59.04	AVG	
2	*	2.2968	16.80	15.43	32.23	69.54	-37.31	QP	
3		3.8400	16.30	15.00	31.30	69.54	-38.24	QP	

Test Mode:	TX MODE CHANNEL_Adapter:Da Hong

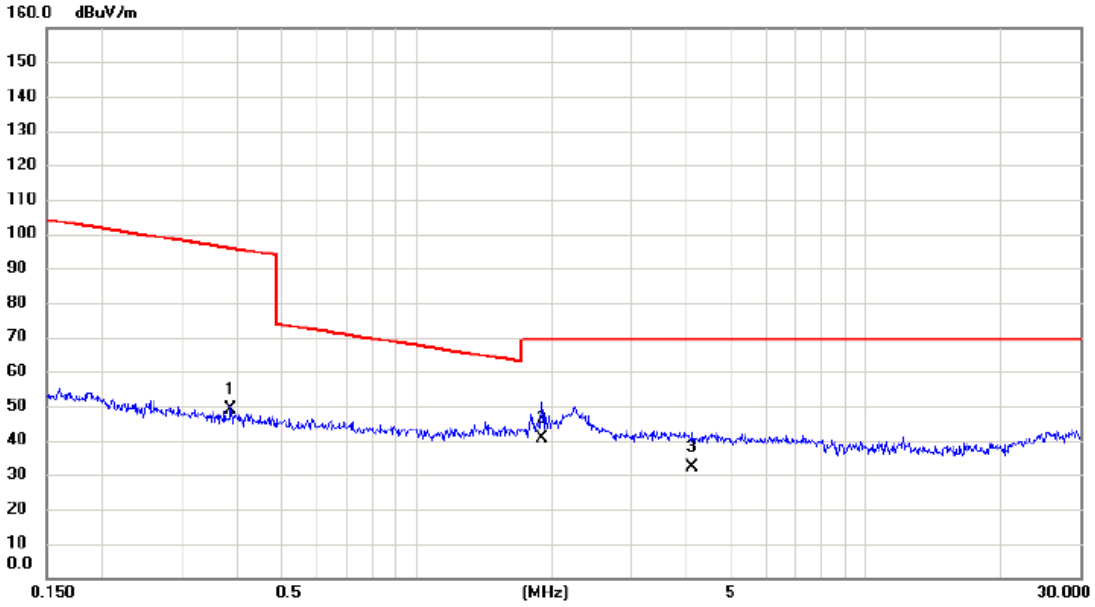
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0200	34.60	19.62	54.22	121.58	-67.36	AVG	
2		0.0377	26.10	19.09	45.19	116.08	-70.89	AVG	
3		0.0652	18.80	18.43	37.23	111.32	-74.09	AVG	

Test Mode:	TX MODE CHANNEL_Adapter:Da Hong

Ant 90°

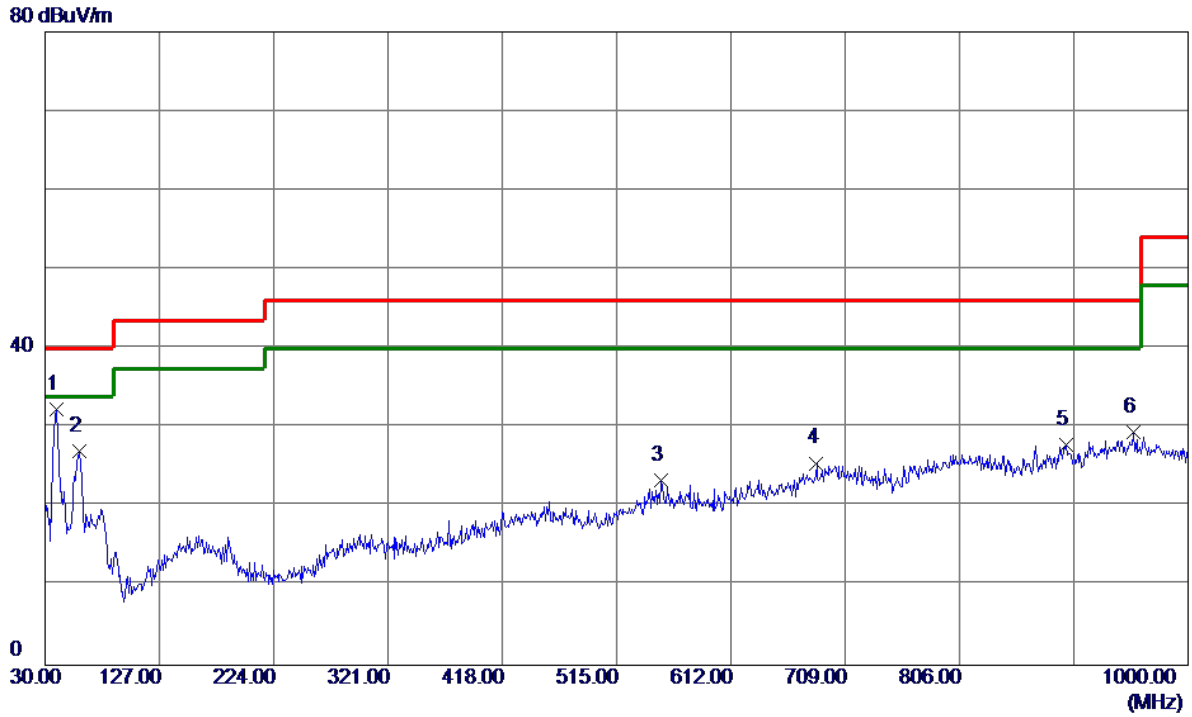


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3852	32.50	16.55	49.05	95.89	-46.84	AVG	
2	*	1.9080	25.20	15.55	40.75	69.54	-28.79	QP	
3		4.0920	17.30	14.89	32.19	69.54	-37.35	QP	

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

Test Mode:	TX B MODE CHANNEL 01_Adapter:Huntkey

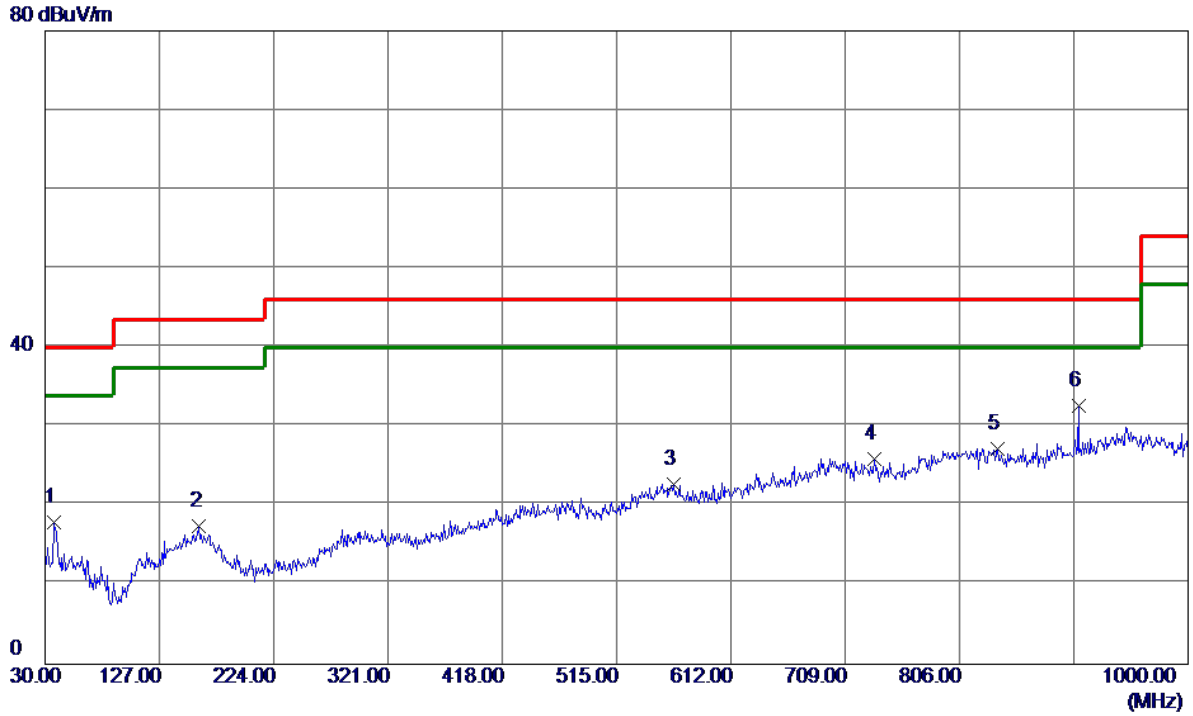
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	39.7000	47.36	-15.03	32.33	40.00	-7.67	Peak	
2	59.1000	43.08	-16.05	27.03	40.00	-12.97	Peak	
3	552.8300	29.49	-6.20	23.29	46.00	-22.71	Peak	
4	684.7500	29.67	-4.15	25.52	46.00	-20.48	Peak	
5	896.2100	29.02	-1.21	27.81	46.00	-18.19	Peak	
6	953.4400	28.55	0.85	29.40	46.00	-16.60	Peak	

Test Mode:	TX B MODE CHANNEL 01_Adapter:Huntkey

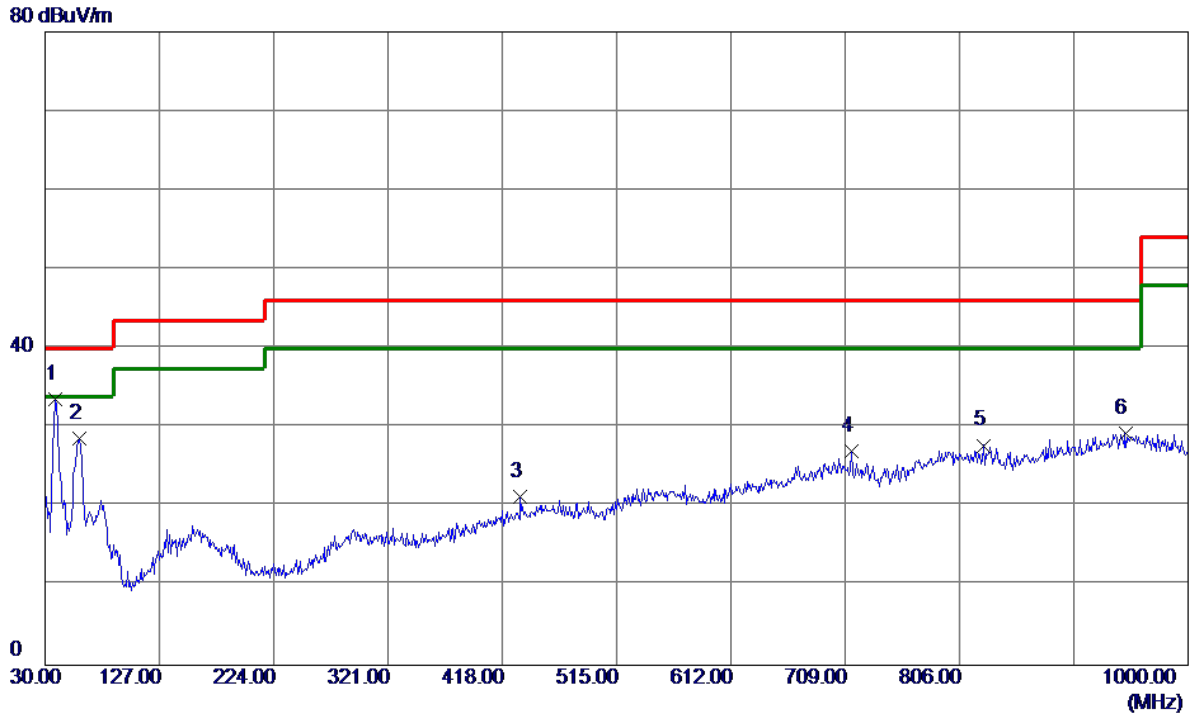
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	33.06	-15.08	17.98	40.00	-22.02	Peak	
2	160.9500	28.75	-11.35	17.40	43.50	-26.10	Peak	
3	563.5000	29.13	-6.38	22.75	46.00	-23.25	Peak	
4	734.2199	30.25	-4.26	25.99	46.00	-20.01	Peak	
5	838.0100	29.42	-2.18	27.24	46.00	-18.76	Peak	
6 *	906.8800	33.45	-0.84	32.61	46.00	-13.39	Peak	

Test Mode:	TX B MODE CHANNEL 10_Adapter:Huntkey

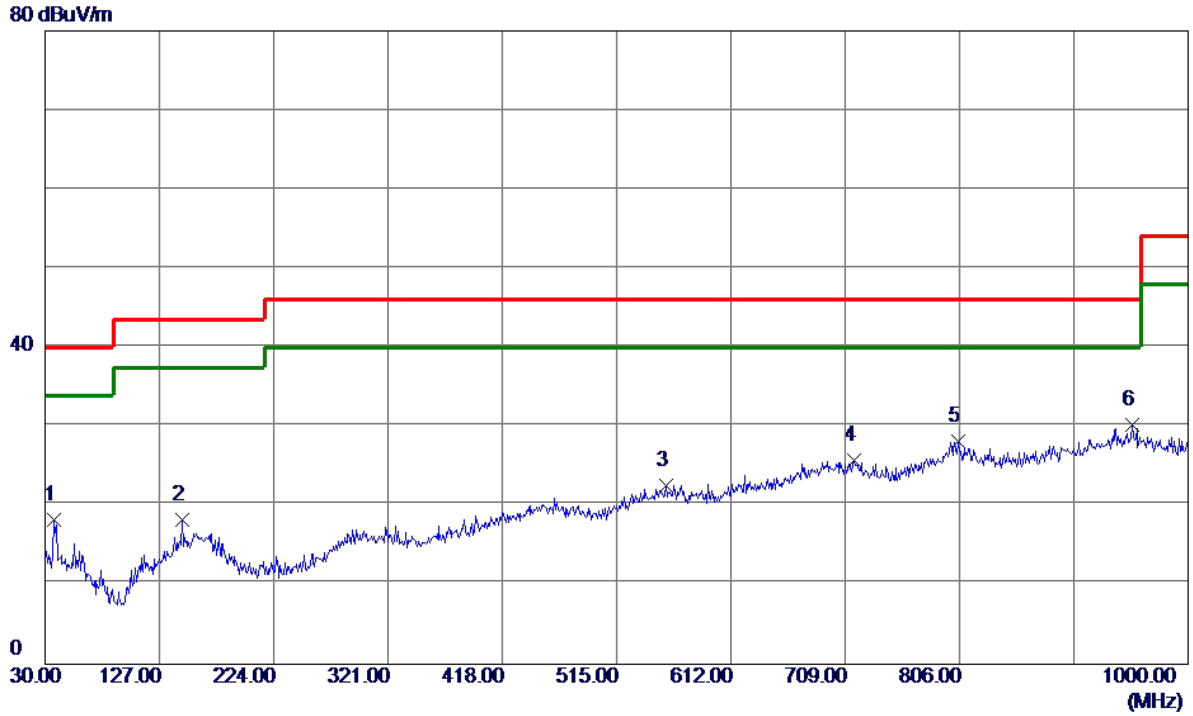
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	38.7300	48.70	-15.04	33.66	40.00	-6.34	Peak	
2	59.1000	44.75	-16.05	28.70	40.00	-11.30	Peak	
3	433.5200	30.08	-8.76	21.32	46.00	-24.68	Peak	
4	714.8200	30.78	-3.78	27.00	46.00	-19.00	Peak	
5	826.3700	29.77	-2.01	27.76	46.00	-18.24	Peak	
6	946.6500	28.48	0.79	29.27	46.00	-16.73	Peak	

Test Mode:	TX B MODE CHANNEL 10_Adapter:Huntkey

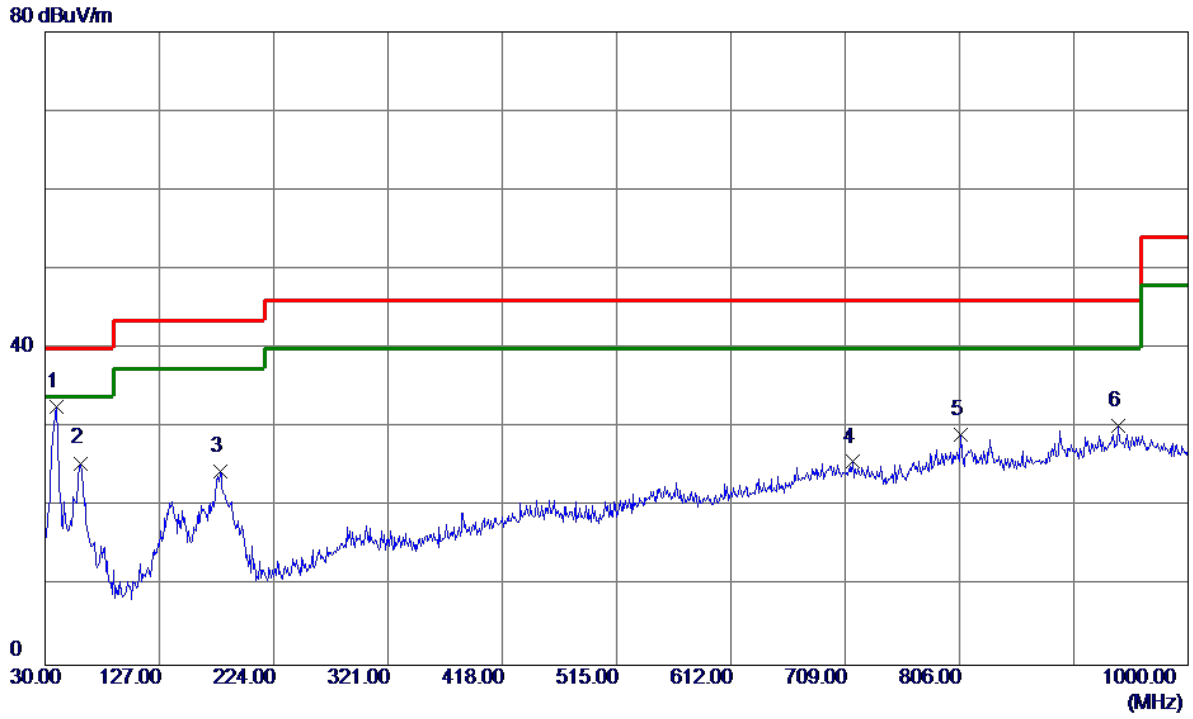
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	33.29	-15.08	18.21	40.00	-21.79	Peak	
2	146.4000	30.62	-12.39	18.23	43.50	-25.27	Peak	
3	556.7100	28.90	-6.27	22.63	46.00	-23.37	Peak	
4	716.7600	29.53	-3.82	25.71	46.00	-20.29	Peak	
5	805.0300	29.86	-1.69	28.17	46.00	-17.83	Peak	
6 *	952.4700	29.43	0.87	30.30	46.00	-15.70	Peak	

Test Mode:	TX B MODE CHANNEL 01_Adapter:BYD

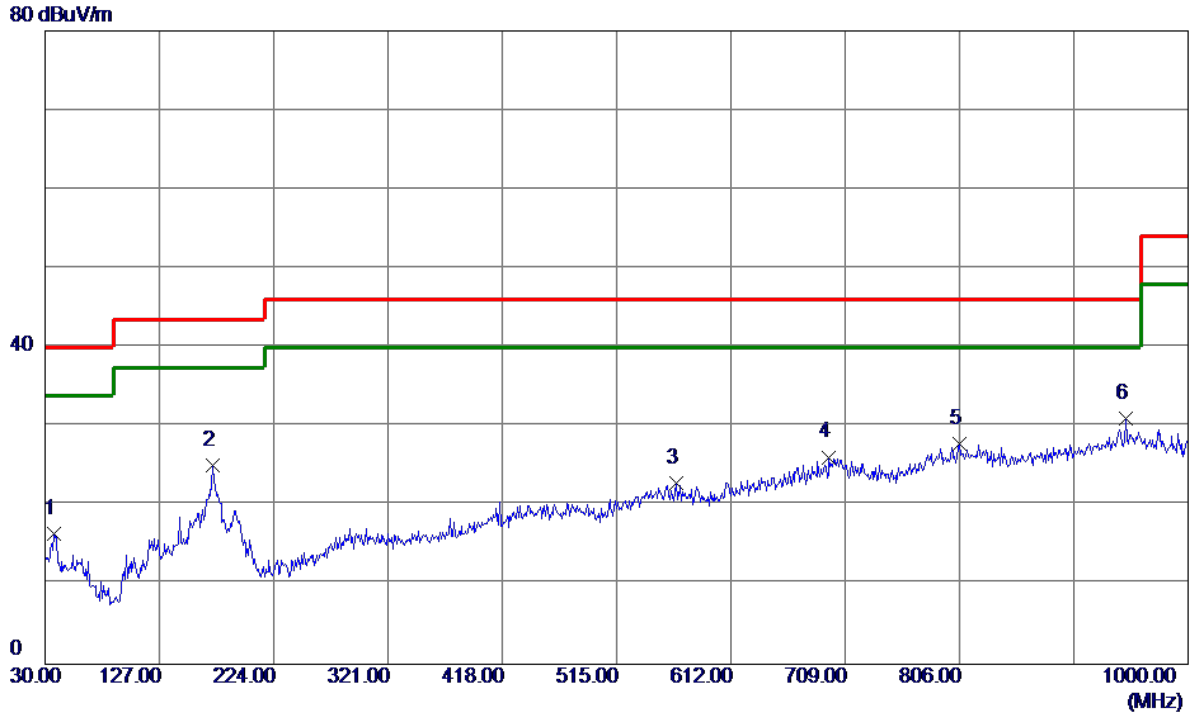
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	39.7000	47.69	-15.03	32.66	40.00	-7.34	Peak	
2	60.0700	41.71	-16.19	25.52	40.00	-14.48	Peak	
3	178.4100	37.72	-13.27	24.45	43.50	-19.05	Peak	
4	715.7900	29.48	-3.80	25.68	46.00	-20.32	Peak	
5	806.9699	30.78	-1.72	29.06	46.00	-16.94	Peak	
6	940.8300	29.62	0.55	30.17	46.00	-15.83	Peak	

Test Mode:	TX B MODE CHANNEL 01_Adapter:BYD

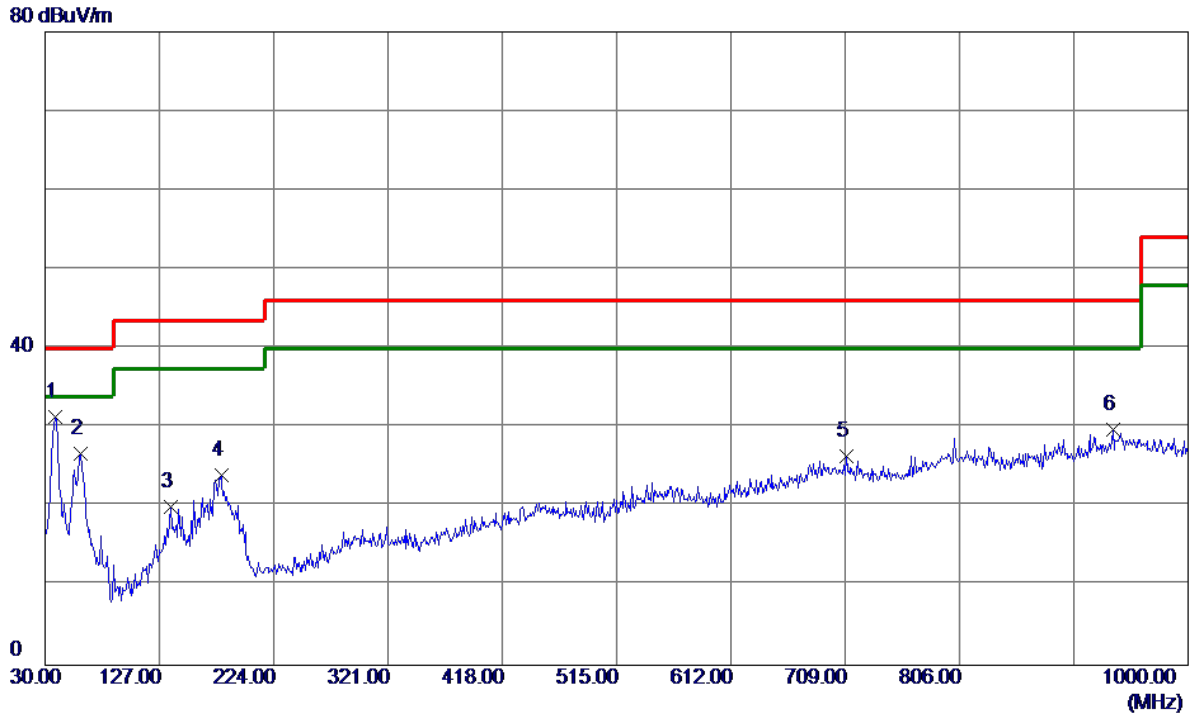
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	31.52	-15.08	16.44	40.00	-23.56	Peak	
2	172.5900	37.45	-12.33	25.12	43.50	-18.38	Peak	
3	565.4400	29.23	-6.41	22.82	46.00	-23.18	Peak	
4	695.4200	29.79	-3.63	26.16	46.00	-19.84	Peak	
5	806.0000	29.59	-1.71	27.88	46.00	-18.12	Peak	
6 *	947.6200	30.15	0.83	30.98	46.00	-15.02	Peak	

Test Mode:	TX B MODE CHANNEL 10_Adapter:BYD

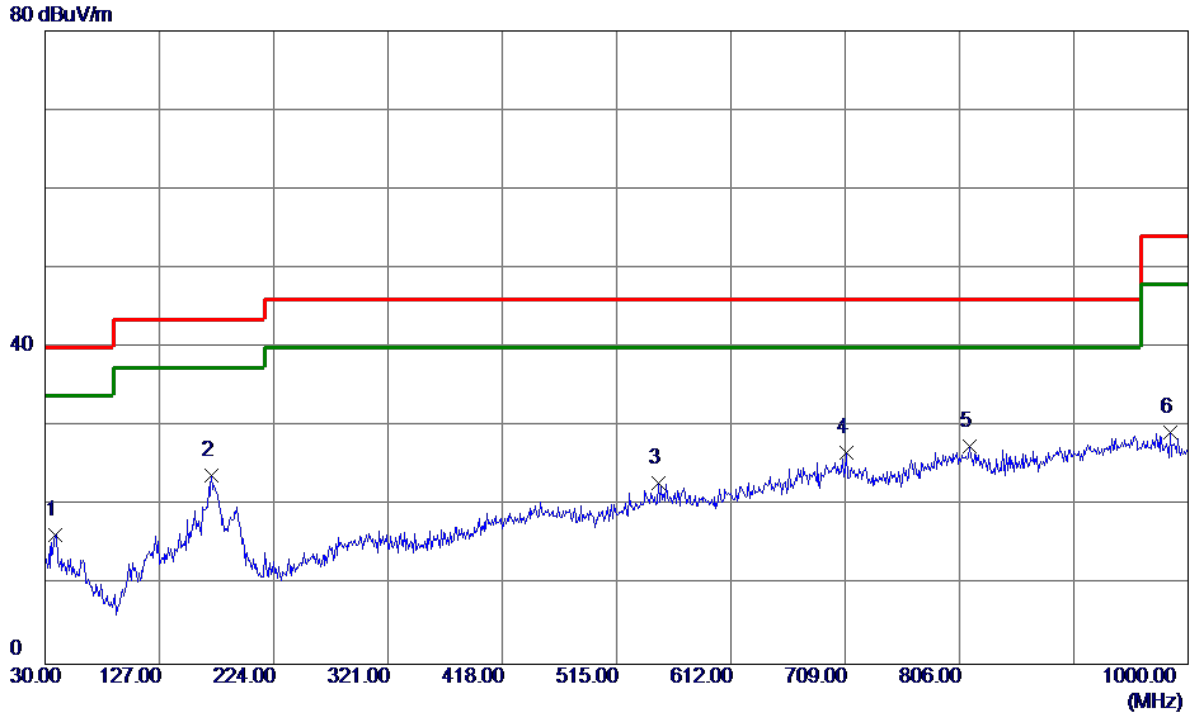
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	38.7300	46.34	-15.04	31.30	40.00	-8.70	Peak	
2	60.0700	42.89	-16.19	26.70	40.00	-13.30	Peak	
3	136.7000	33.19	-13.19	20.00	43.50	-23.50	Peak	
4	179.3800	37.48	-13.42	24.06	43.50	-19.44	Peak	
5	709.9699	30.02	-3.65	26.37	46.00	-19.63	Peak	
6	935.9800	29.38	0.35	29.73	46.00	-16.27	Peak	

Test Mode:	TX B MODE CHANNEL 10_Adapter:BYD

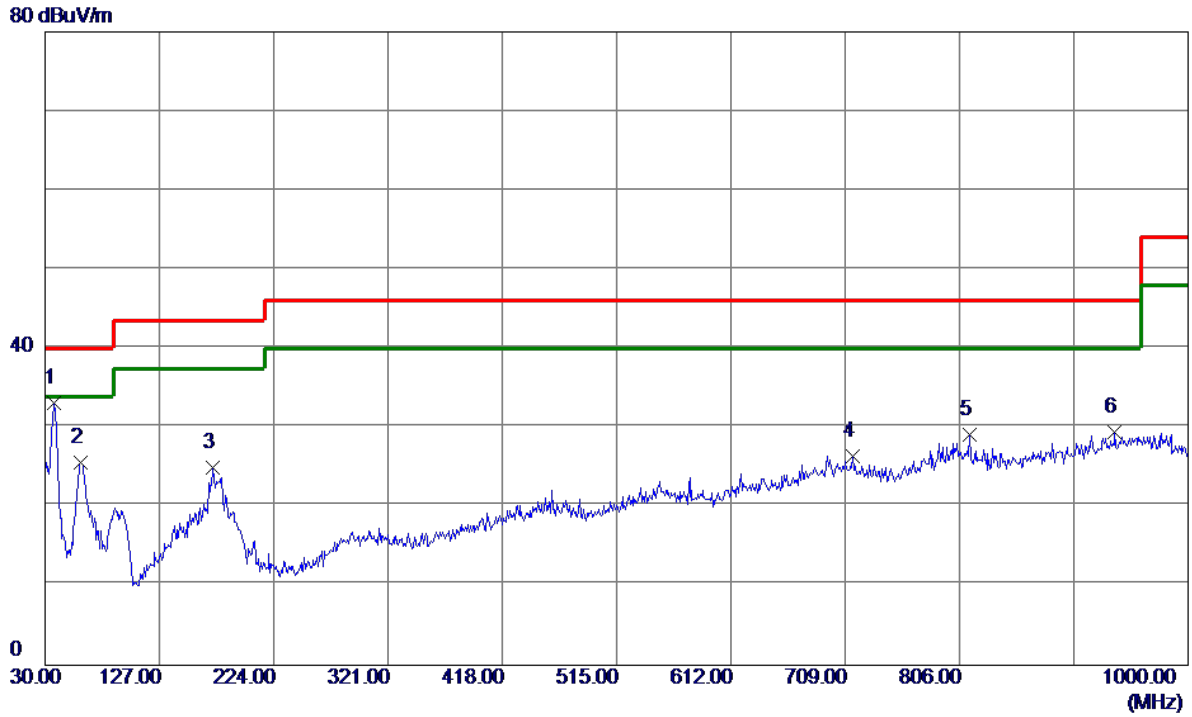
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	31.43	-15.04	16.39	40.00	-23.61	Peak	
2	171.6200	35.99	-12.17	23.82	43.50	-19.68	Peak	
3	550.8900	29.06	-6.17	22.89	46.00	-23.11	Peak	
4	709.9699	30.44	-3.65	26.79	46.00	-19.21	Peak	
5 *	814.7300	29.30	-1.84	27.46	46.00	-18.54	Peak	
6	984.4800	29.10	0.13	29.23	54.00	-24.77	Peak	

Test Mode:	TX B MODE CHANNEL 01_Adapter:Da Hong

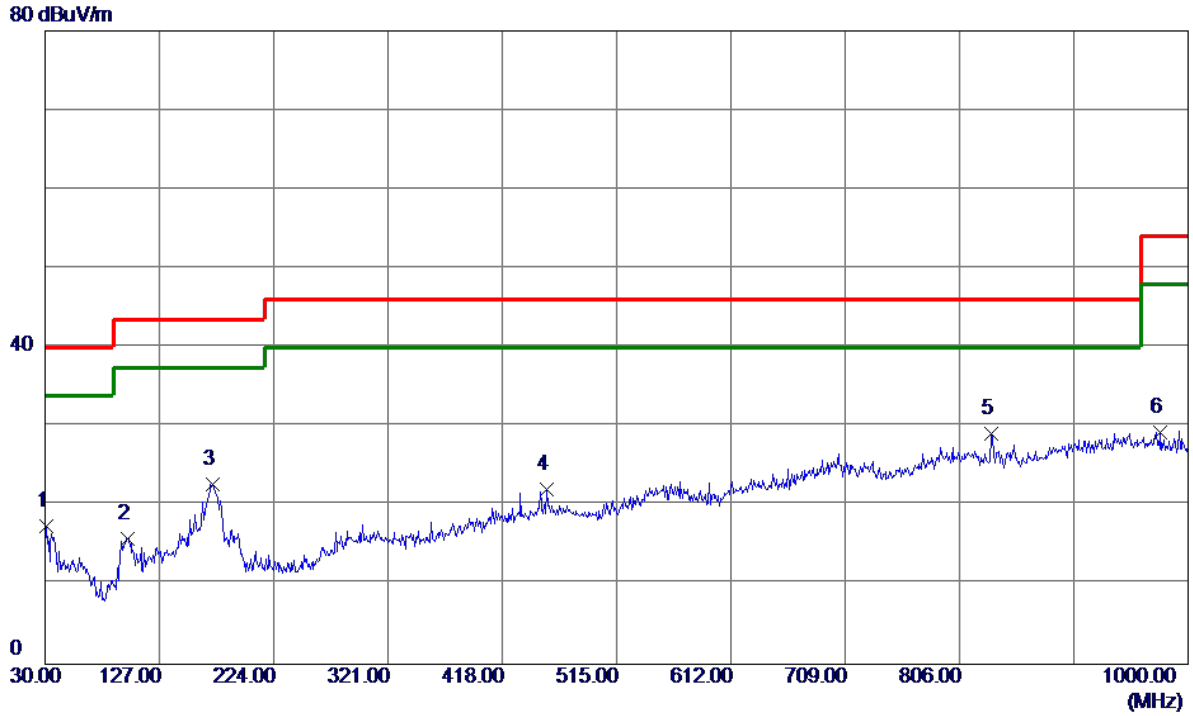
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	37.7599	48.15	-15.08	33.07	40.00	-6.93	Peak	
2	60.0700	41.74	-16.19	25.55	40.00	-14.45	Peak	
3	172.5900	37.27	-12.33	24.94	43.50	-18.56	Peak	
4	715.7900	30.19	-3.80	26.39	46.00	-19.61	Peak	
5	814.7300	30.95	-1.84	29.11	46.00	-16.89	Peak	
6	937.9200	29.08	0.43	29.51	46.00	-16.49	Peak	

Test Mode:	TX B MODE CHANNEL 01_Adapter:Da Hong

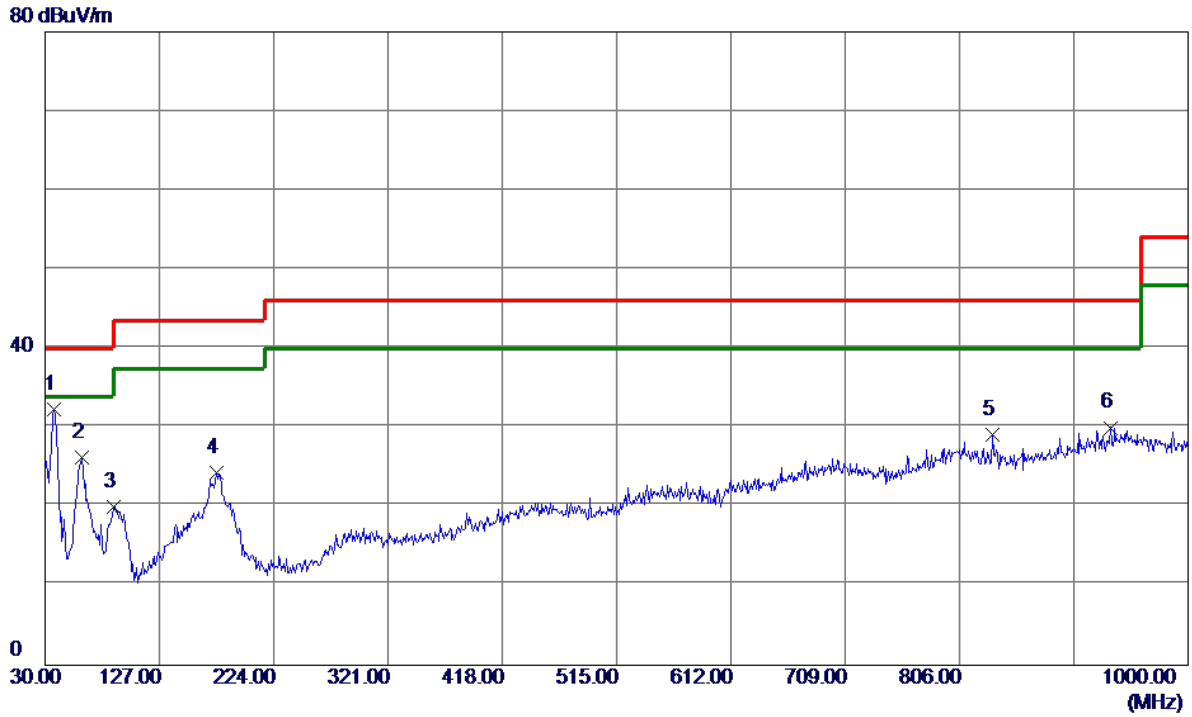
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	30.9700	32.75	-15.36	17.39	40.00	-22.61	Peak	
2	99.8399	34.73	-18.91	15.82	43.50	-27.68	Peak	
3	172.5900	35.09	-12.33	22.76	43.50	-20.74	Peak	
4	455.8300	30.27	-8.24	22.03	46.00	-23.97	Peak	
5 *	833.1599	31.19	-2.11	29.08	46.00	-16.92	Peak	
6	976.7200	29.03	0.31	29.34	54.00	-24.66	Peak	

Test Mode:	TX B MODE CHANNEL 10_Adapter:Da Hong

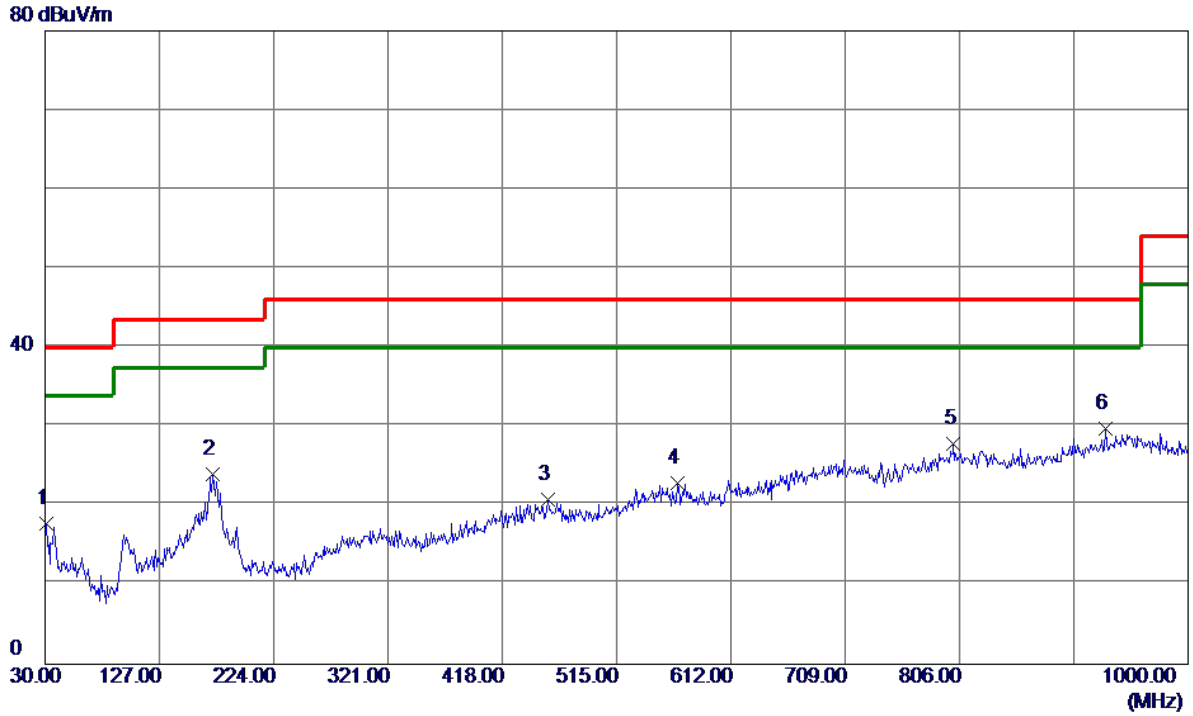
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	37.7599	47.40	-15.08	32.32	40.00	-7.68	Peak	
2	61.0400	42.58	-16.36	26.22	40.00	-13.78	Peak	
3	88.2000	39.90	-19.93	19.97	43.50	-23.53	Peak	
4	175.5000	37.15	-12.80	24.35	43.50	-19.15	Peak	
5	834.1300	31.20	-2.12	29.08	46.00	-16.92	Peak	
6	934.0400	29.73	0.27	30.00	46.00	-16.00	Peak	

Test Mode:	TX B MODE CHANNEL 10_Adapter:Da Hong

Horizontal

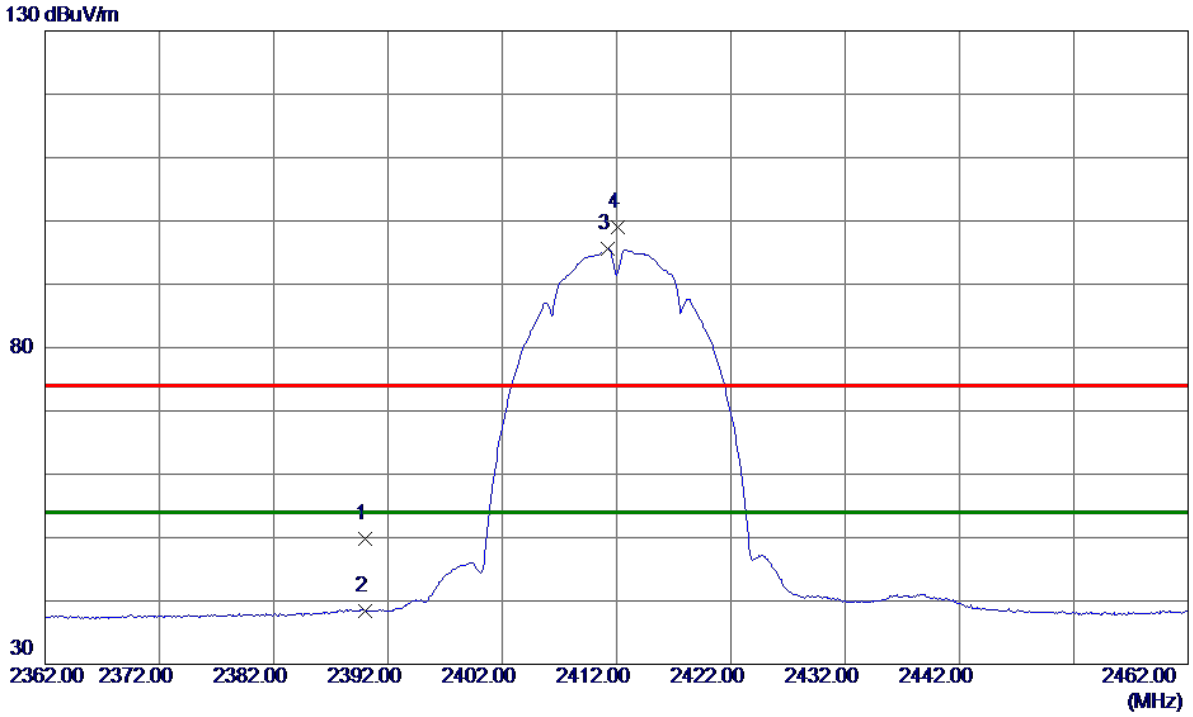


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	30.9700	33.18	-15.36	17.82	40.00	-22.18	Peak	
2	172.5900	36.32	-12.33	23.99	43.50	-19.51	Peak	
3	456.8000	29.01	-8.26	20.75	46.00	-25.25	Peak	
4	566.4099	29.28	-6.43	22.85	46.00	-23.15	Peak	
5	801.1500	29.53	-1.64	27.89	46.00	-18.11	Peak	
6 *	930.1600	29.60	0.11	29.71	46.00	-16.29	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

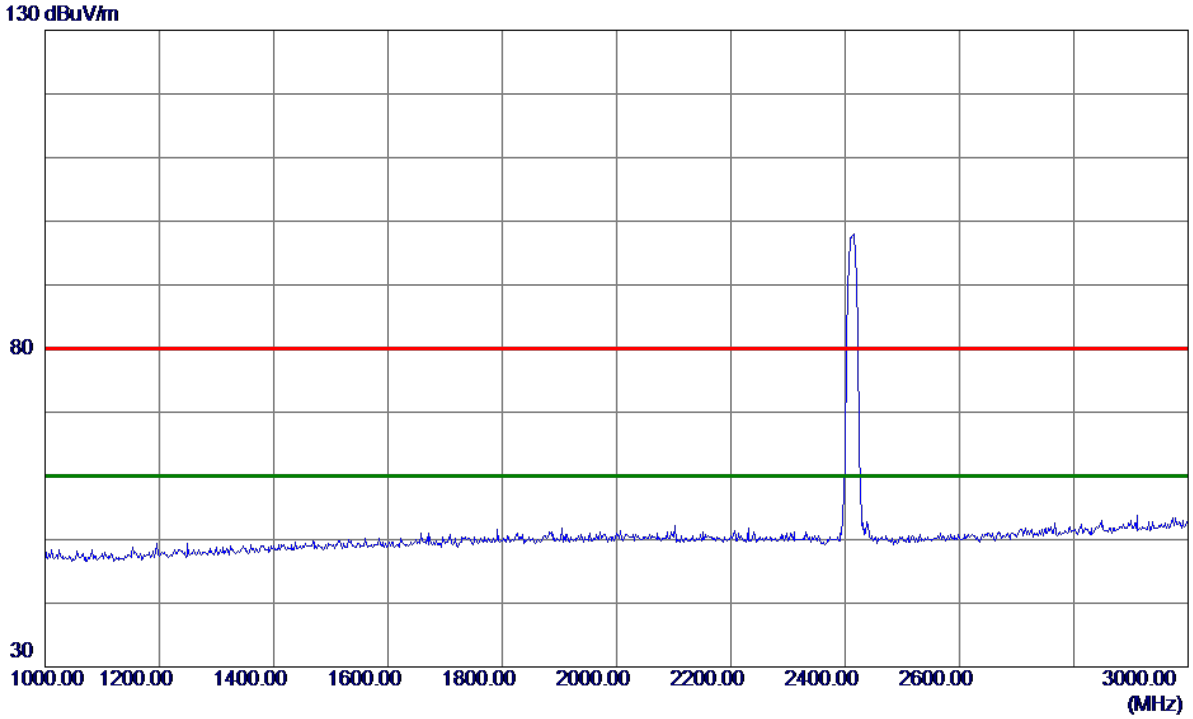
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	40.87	9.00	49.87	74.00	-24.13	Peak	
2	2390.0000	29.47	9.00	38.47	54.00	-15.53	AVG	
3 *	2411.2000	86.52	9.00	95.52	54.00	41.52	AVG	No Limit
4	2412.1000	90.08	9.00	99.08	74.00	25.08	Peak	No Limit

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

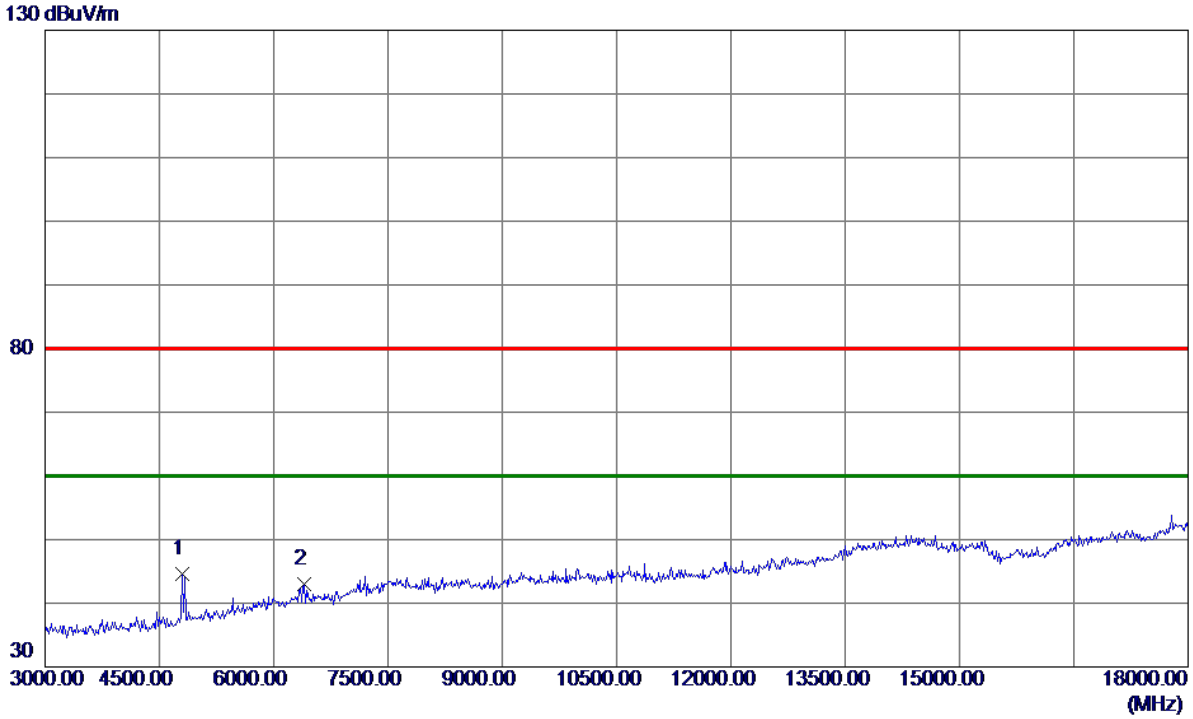
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

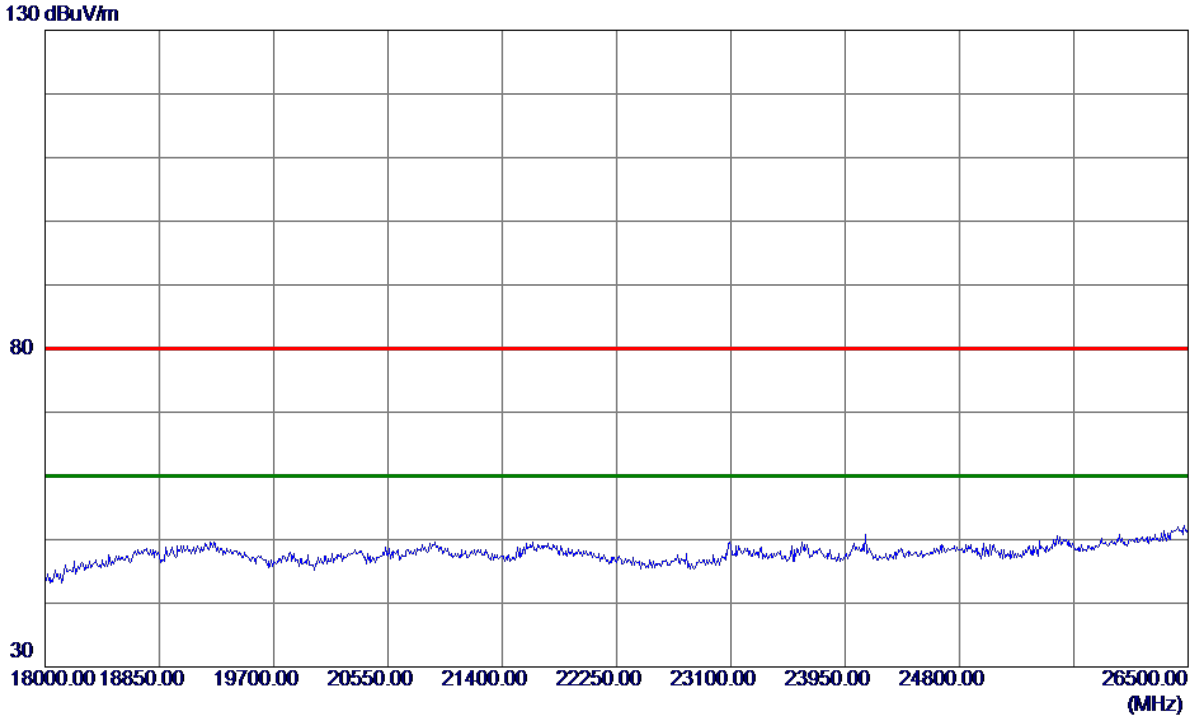
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4800.0000	38.93	5.72	44.65	80.00	-35.35	Peak	
2	6405.0000	33.02	10.01	43.03	80.00	-36.97	Peak	

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

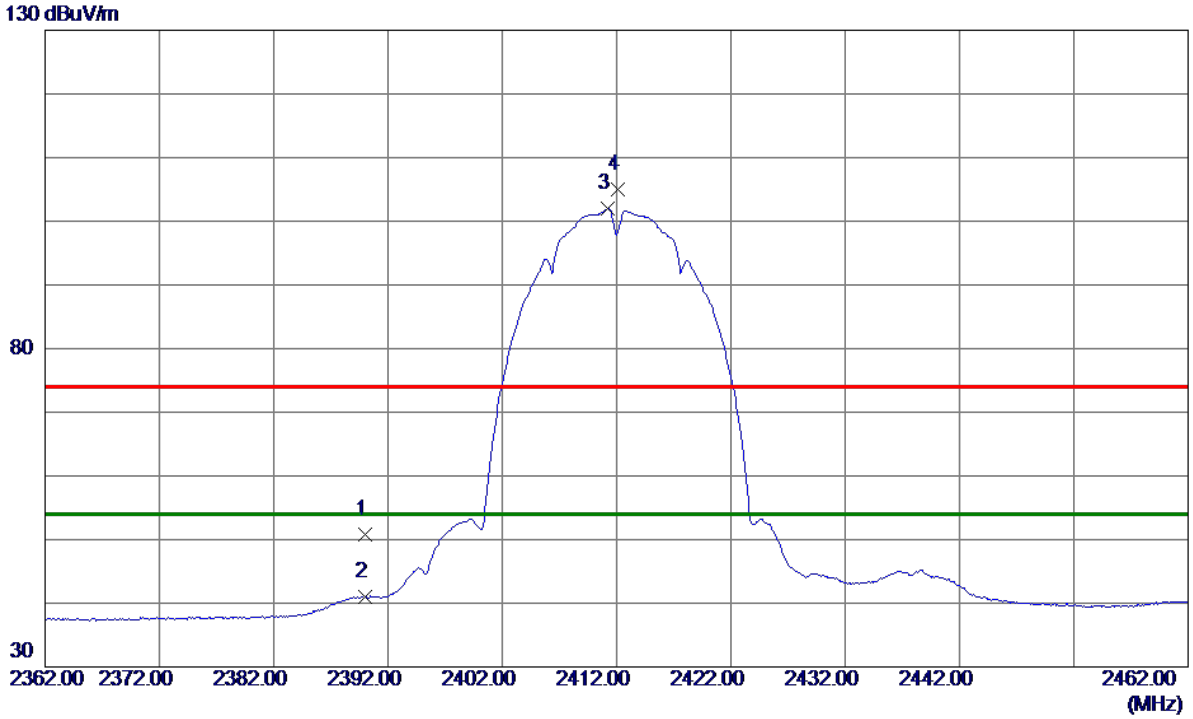
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

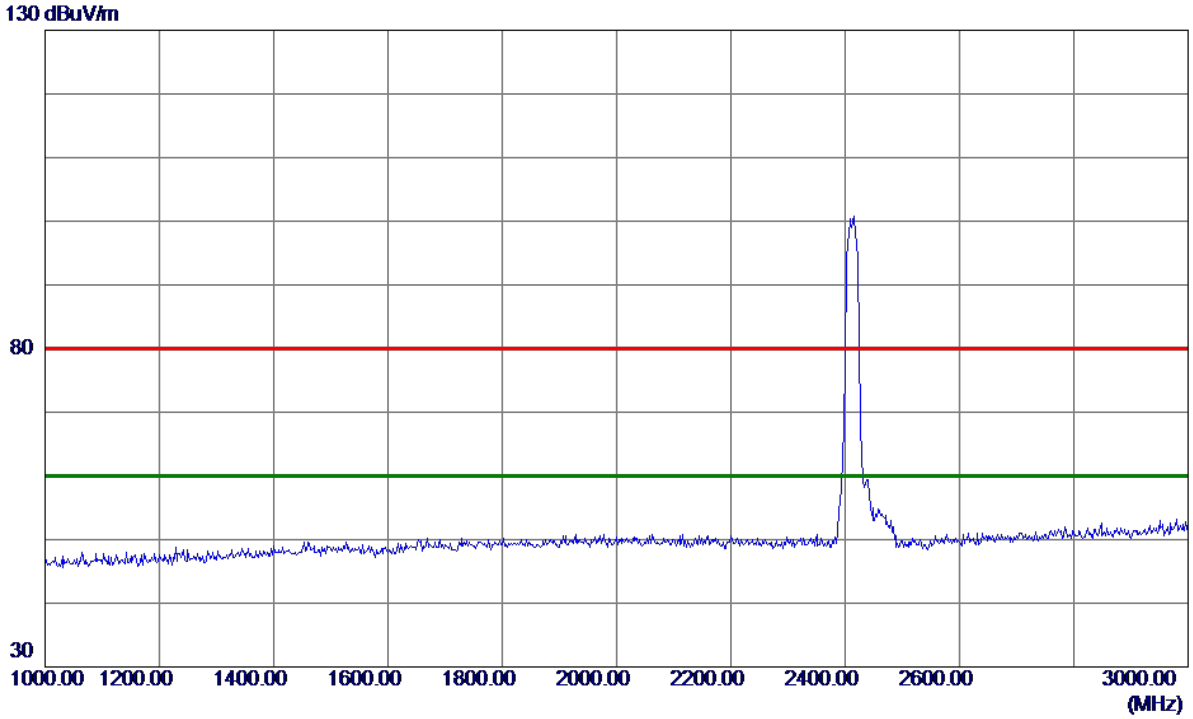
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	41.77	9.00	50.77	74.00	-23.23	Peak	
2	2390.0000	32.00	9.00	41.00	54.00	-13.00	AVG	
3 *	2411.2000	92.92	9.00	101.92	54.00	47.92	AVG	No Limit
4	2412.1000	95.98	9.00	104.98	74.00	30.98	Peak	No Limit

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

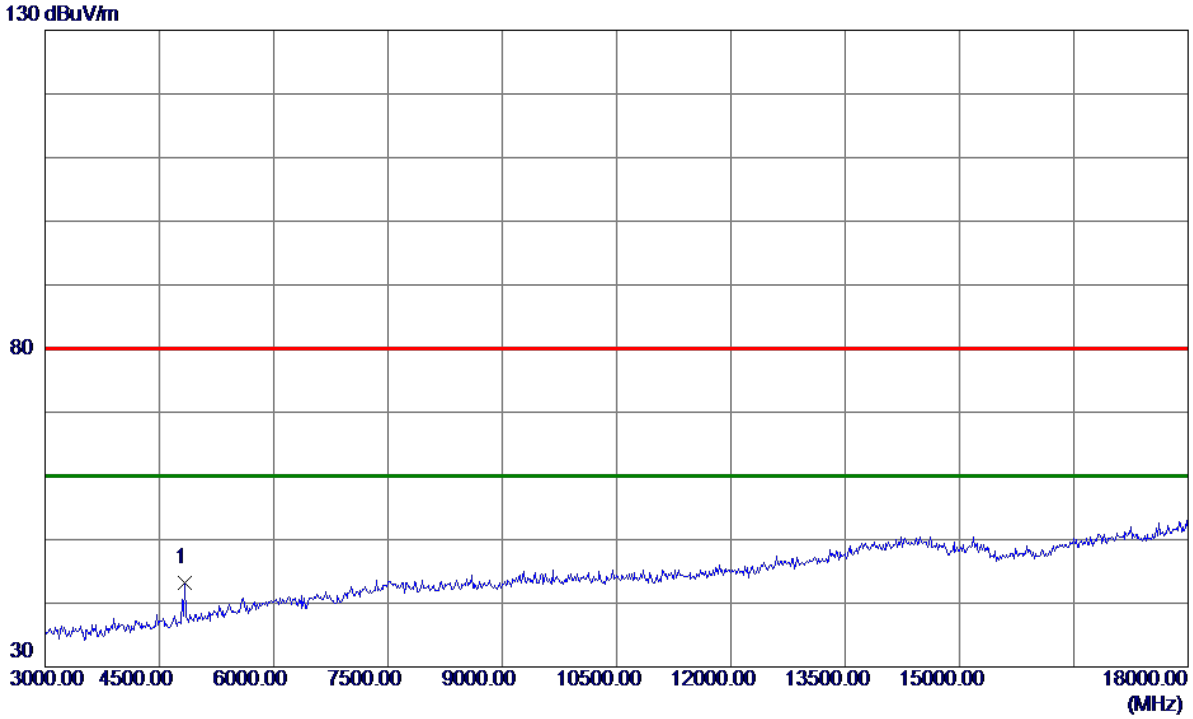
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

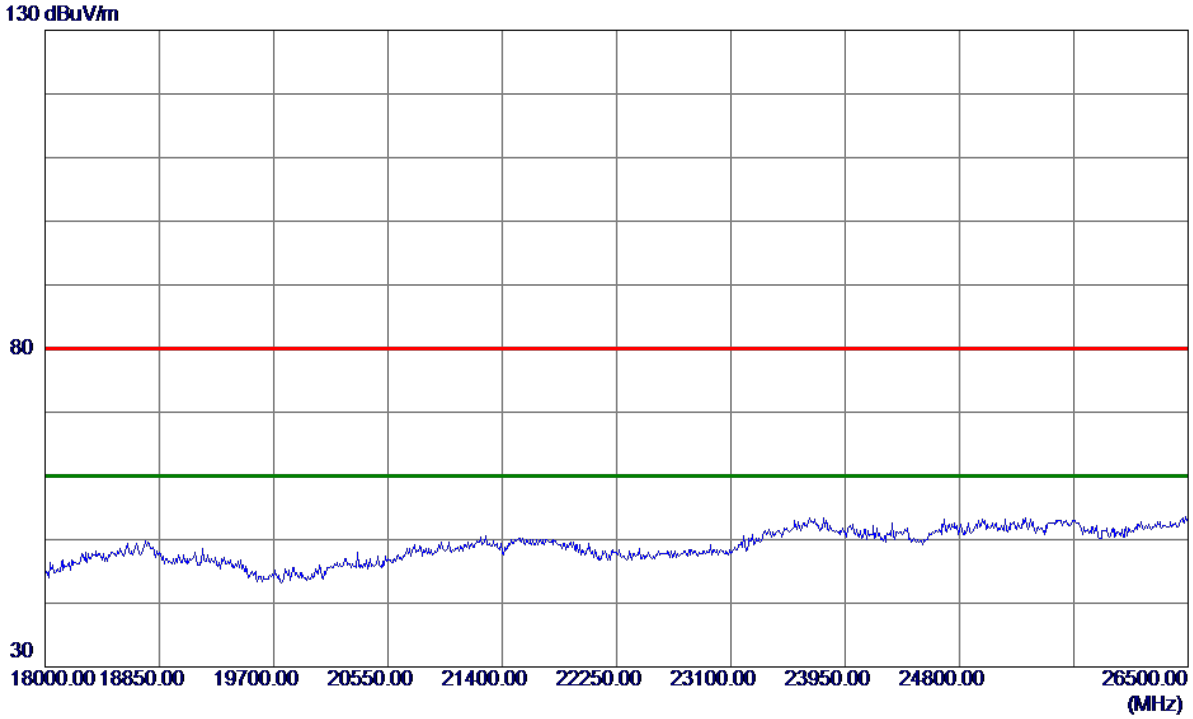
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4830.0000	37.40	5.79	43.19	80.00	-36.81	Peak	

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

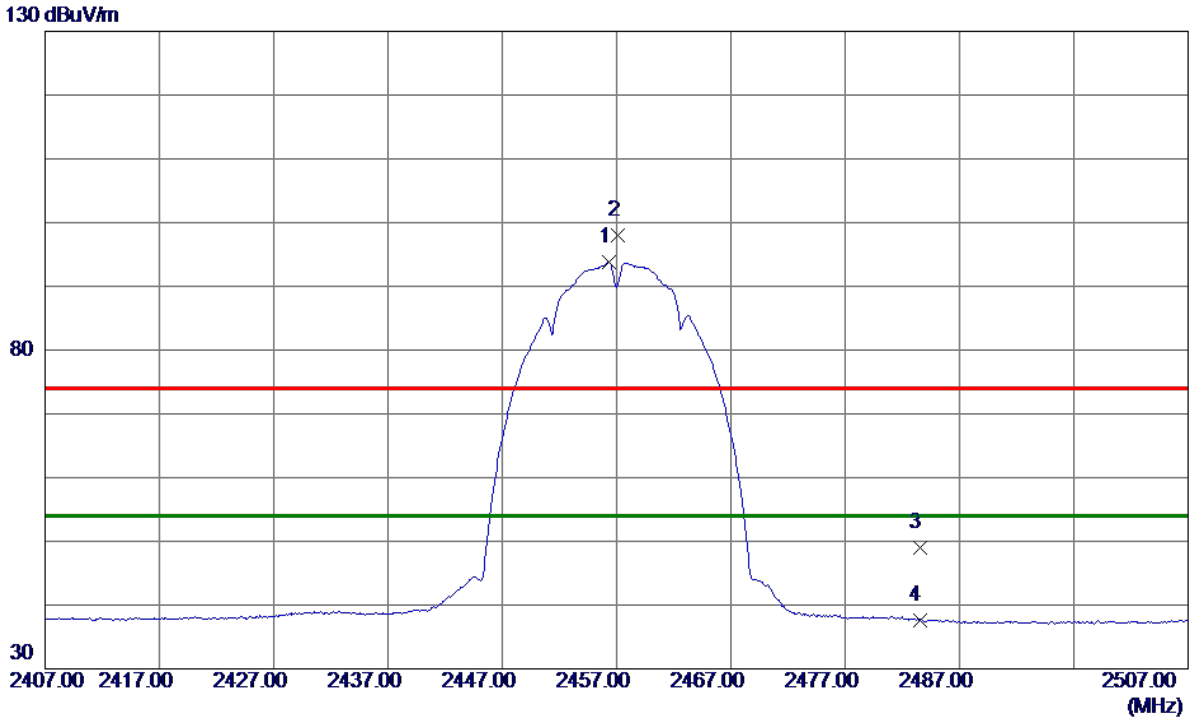
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

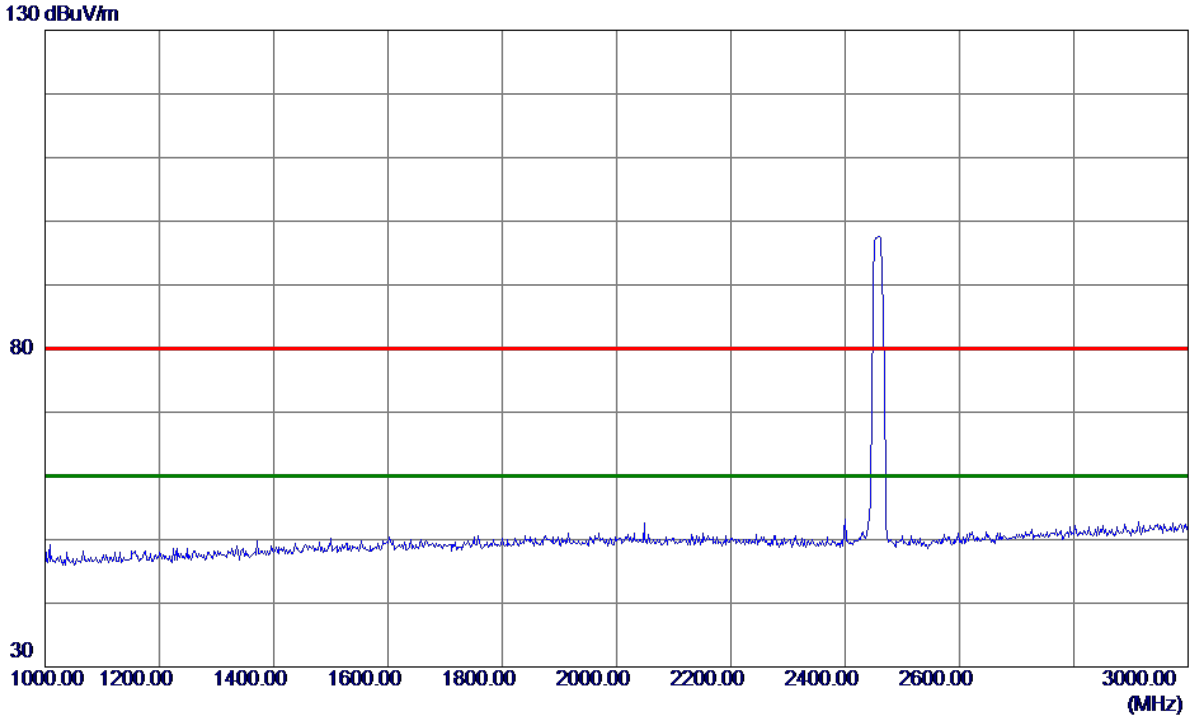
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2456.3000	84.80	8.98	93.78	54.00	39.78	AVG	No Limit
2	2457.1000	88.92	8.98	97.90	74.00	23.90	Peak	No Limit
3	2483.5000	39.99	8.97	48.96	74.00	-25.04	Peak	
4	2483.5000	28.64	8.97	37.61	54.00	-16.39	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

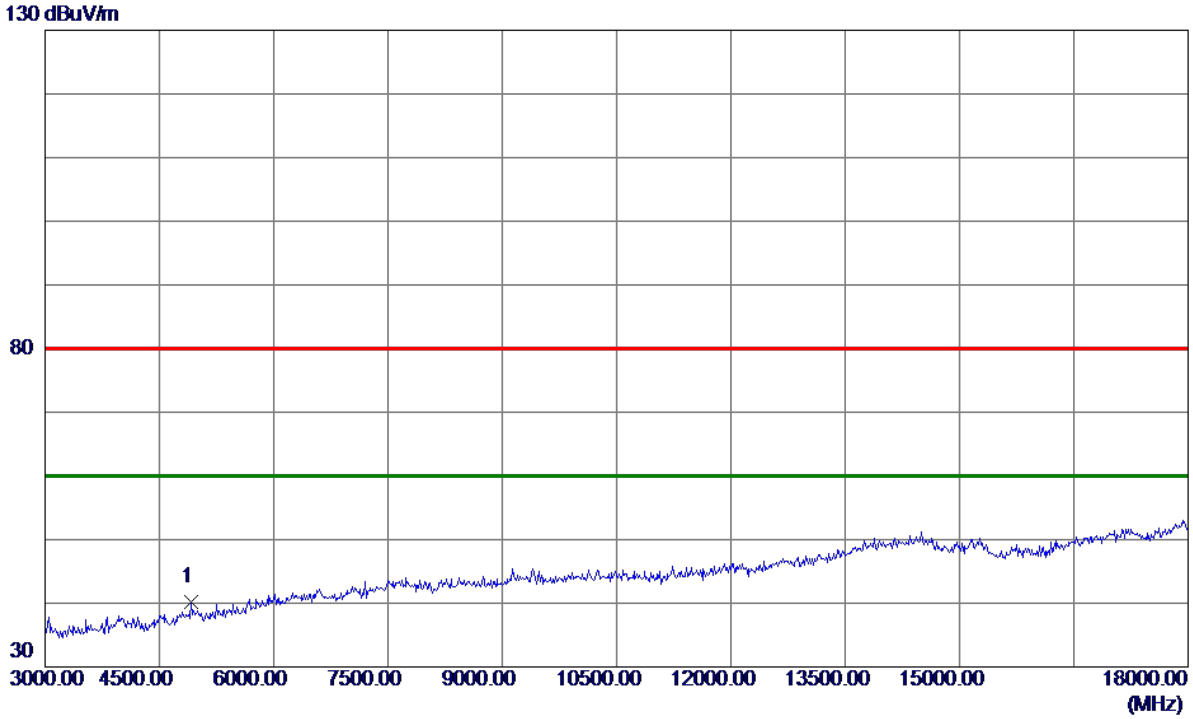
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

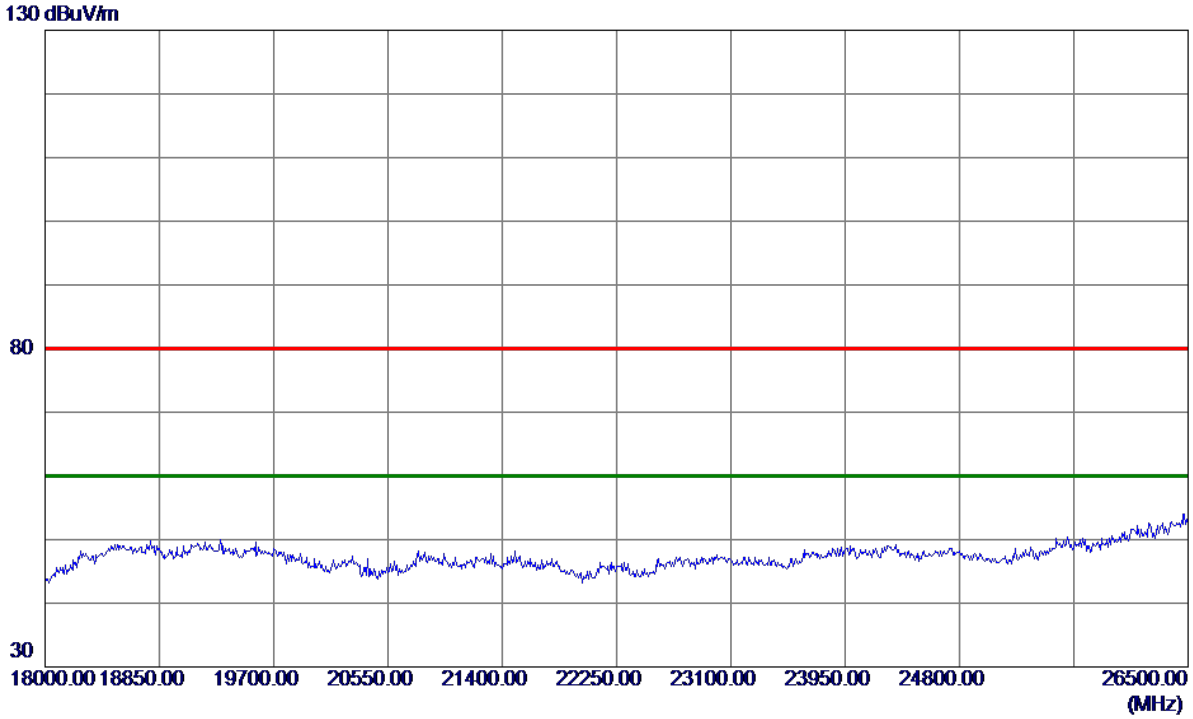
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4920.0000	34.22	6.02	40.24	80.00	-39.76	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

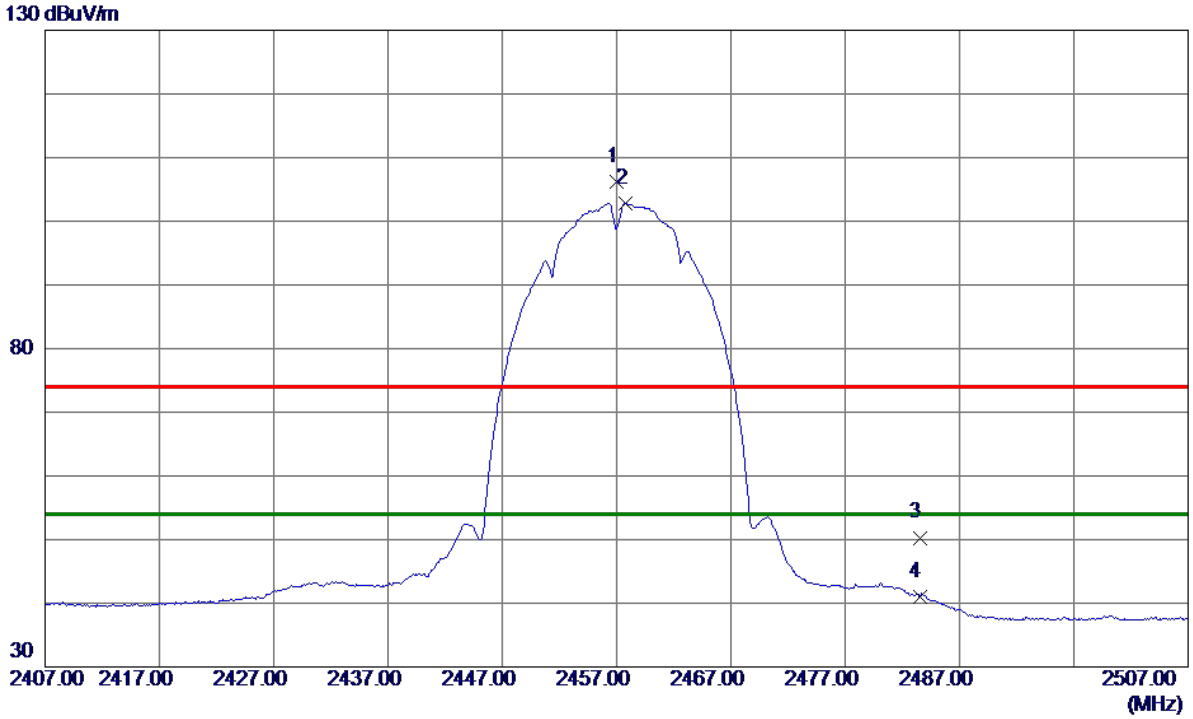
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

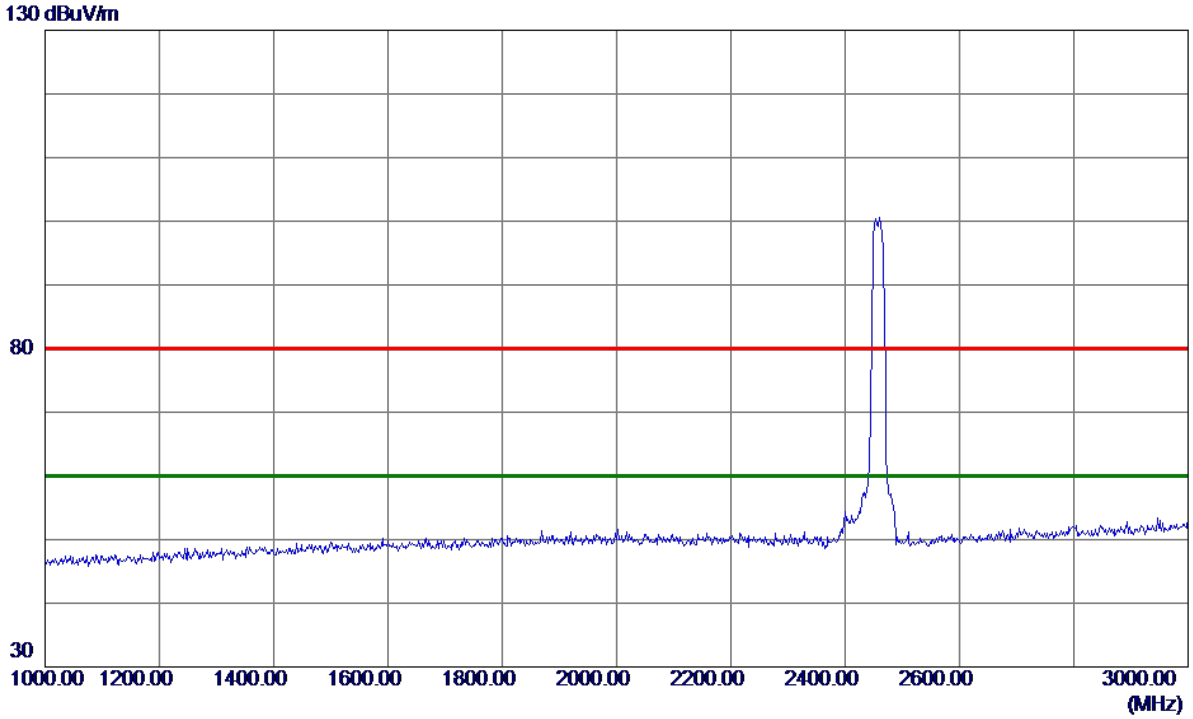
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2457.0000	97.25	8.98	106.23	74.00	32.23	Peak	No Limit
2 *	2457.8000	93.82	8.98	102.80	54.00	48.80	AVG	No Limit
3	2483.5000	41.33	8.97	50.30	74.00	-23.70	Peak	
4	2483.5000	32.09	8.97	41.06	54.00	-12.94	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

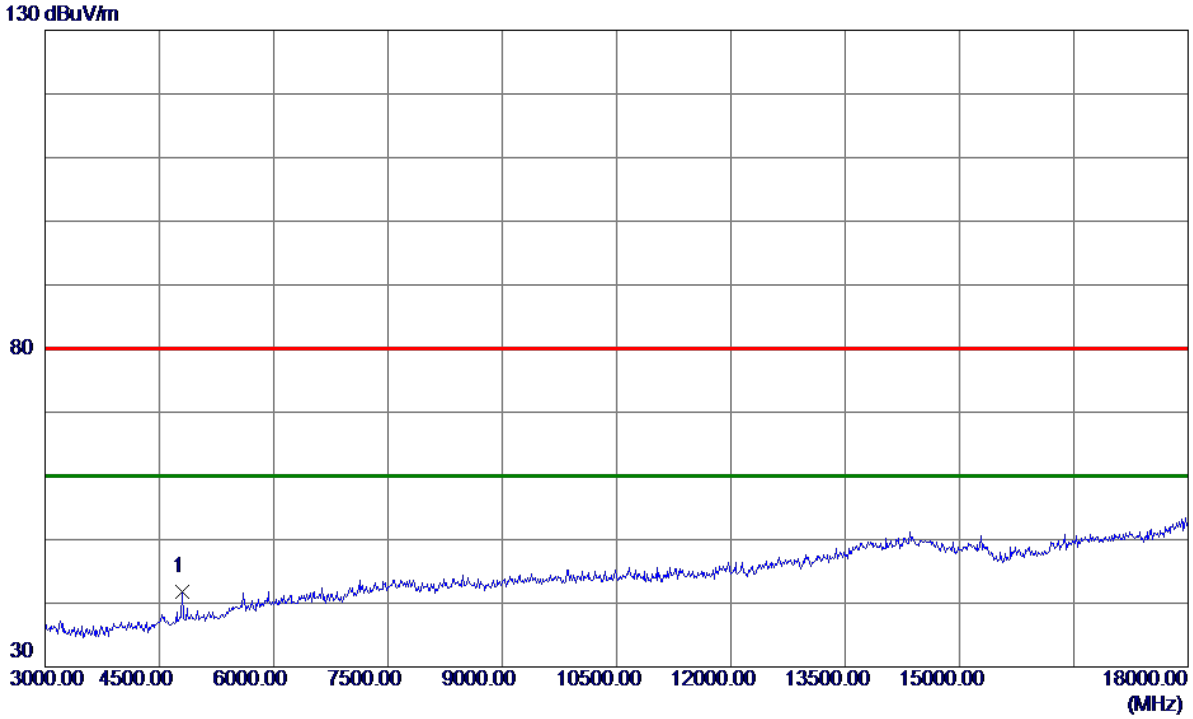
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

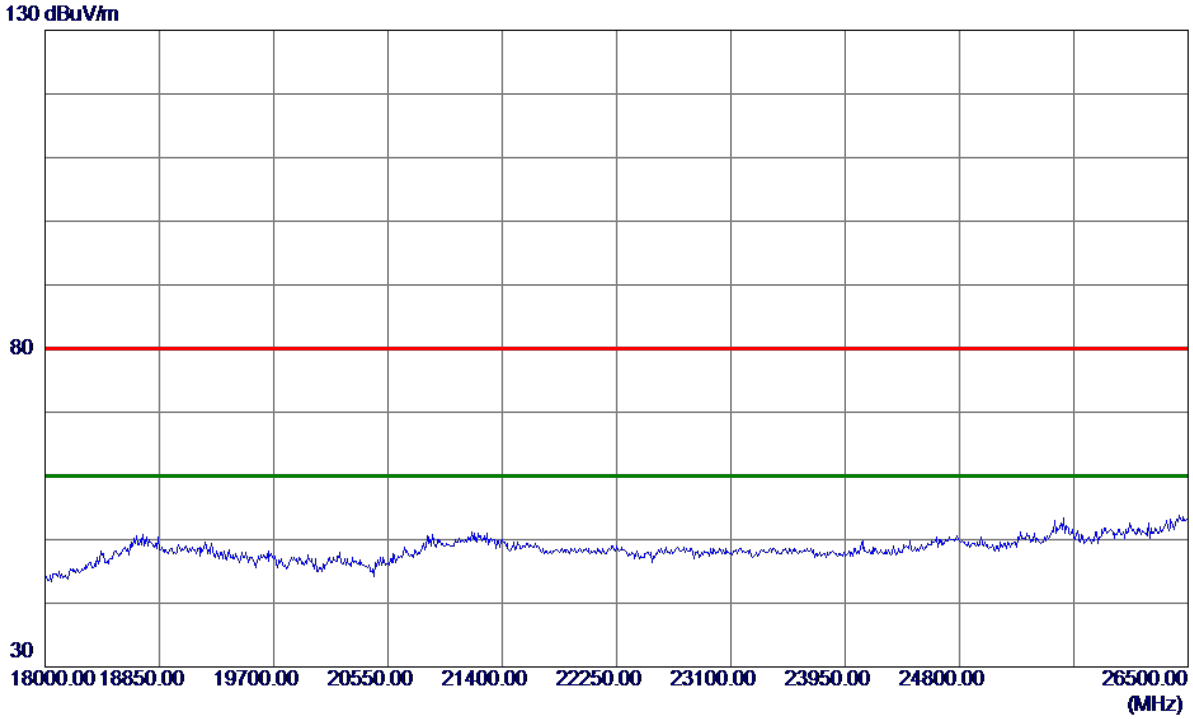
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4800.0000	36.12	5.72	41.84	80.00	-38.16	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

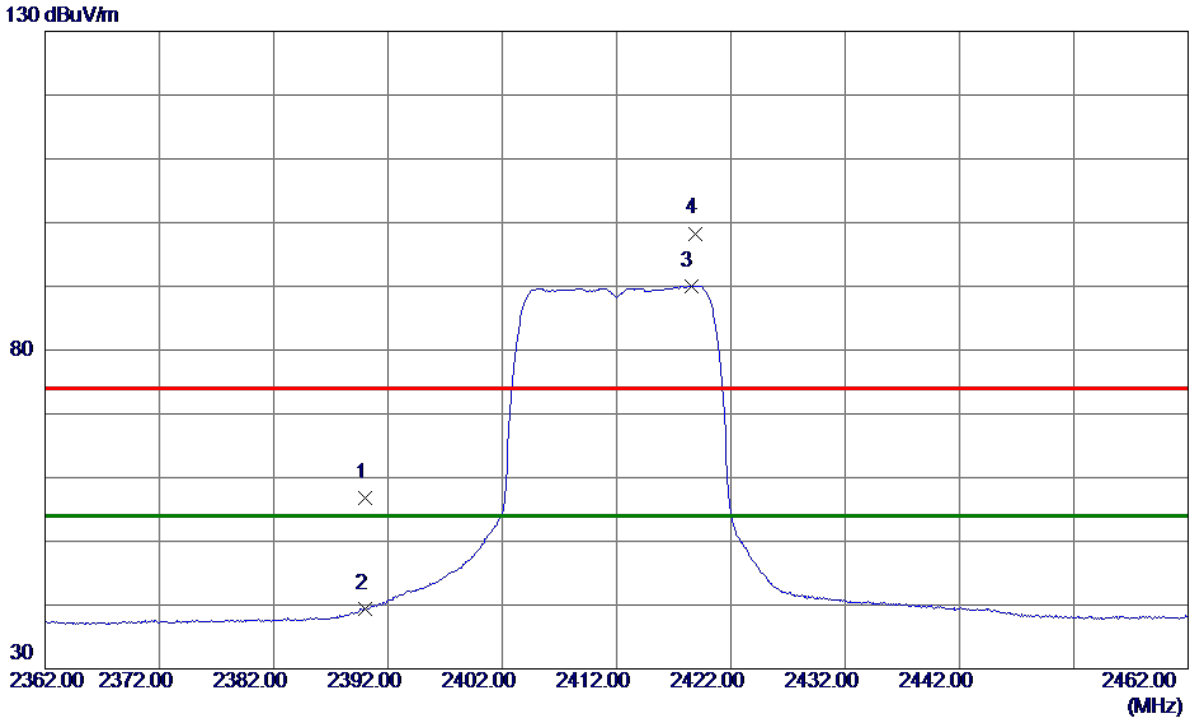
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

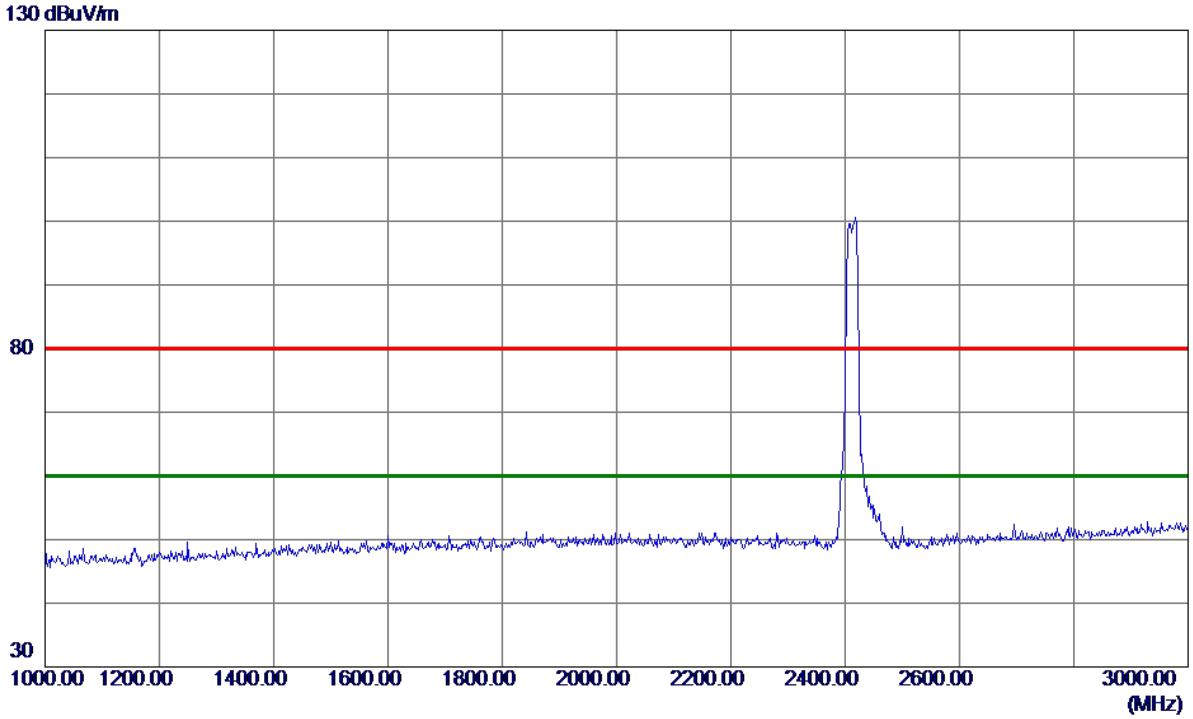
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	47.79	9.00	56.79	74.00	-17.21	Peak	
2	2390.0000	30.43	9.00	39.43	54.00	-14.57	AVG	
3 *	2418.5000	81.09	8.99	90.08	54.00	36.08	AVG	No Limit
4	2418.9000	89.31	8.99	98.30	74.00	24.30	Peak	No Limit

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

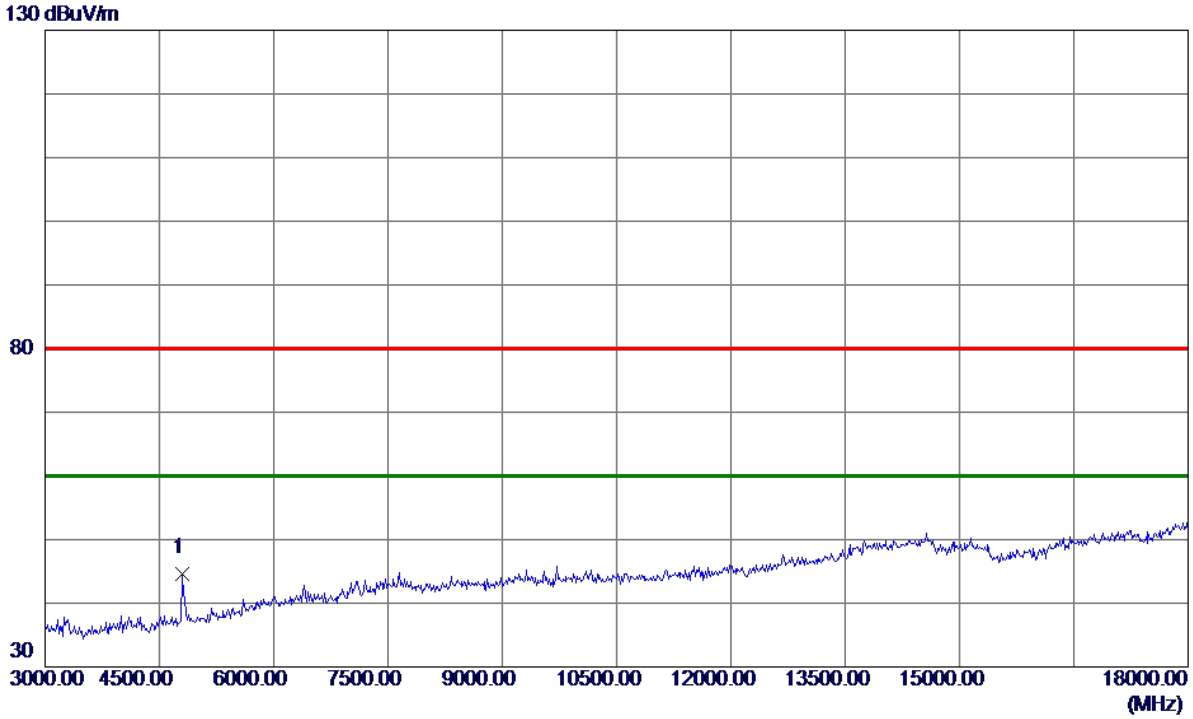
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

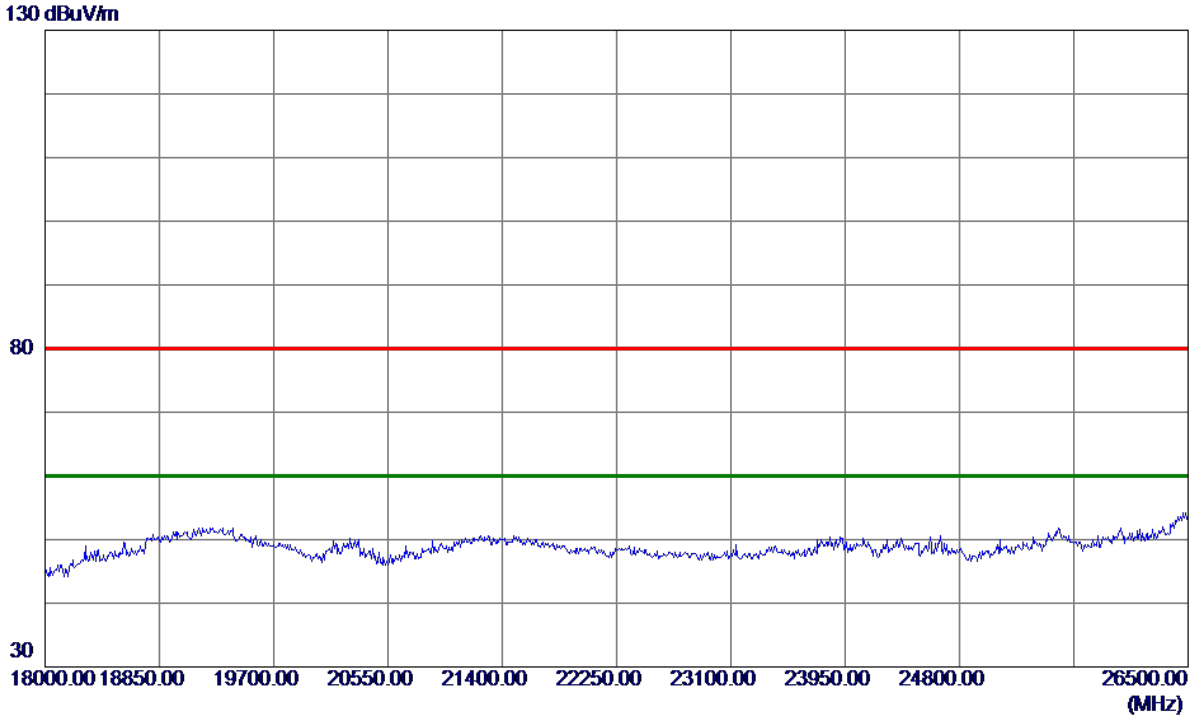
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4800.0000	38.98	5.72	44.70	80.00	-35.30	Peak	

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

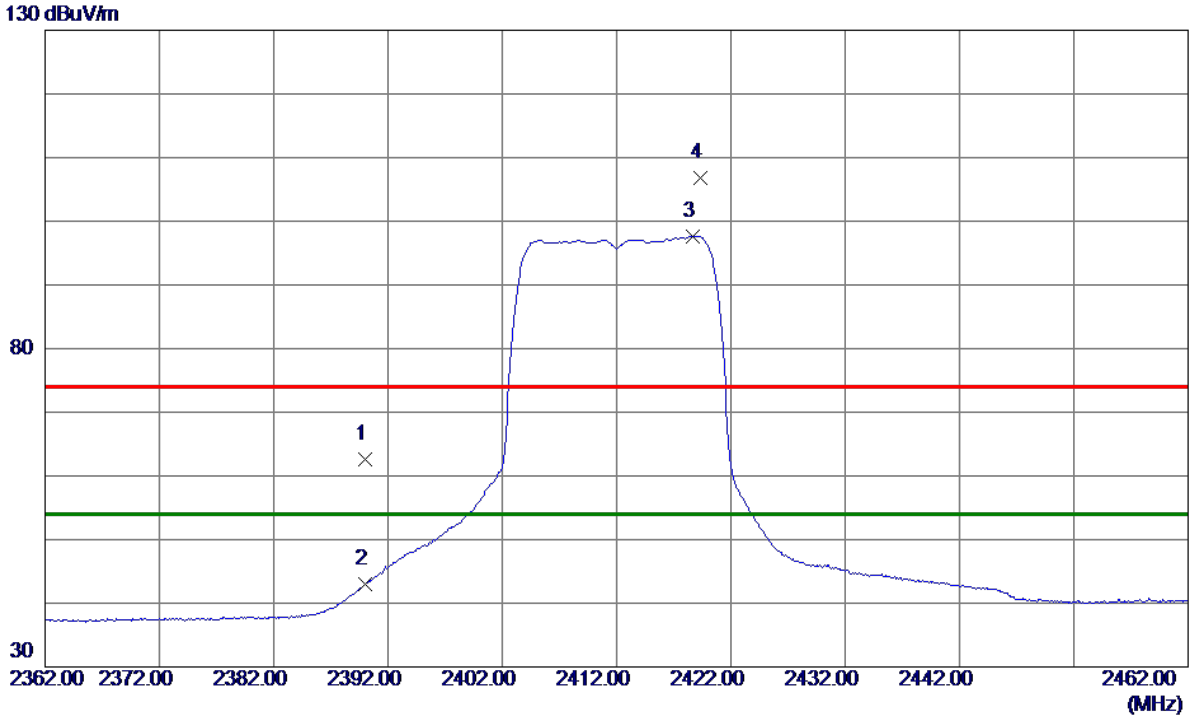
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

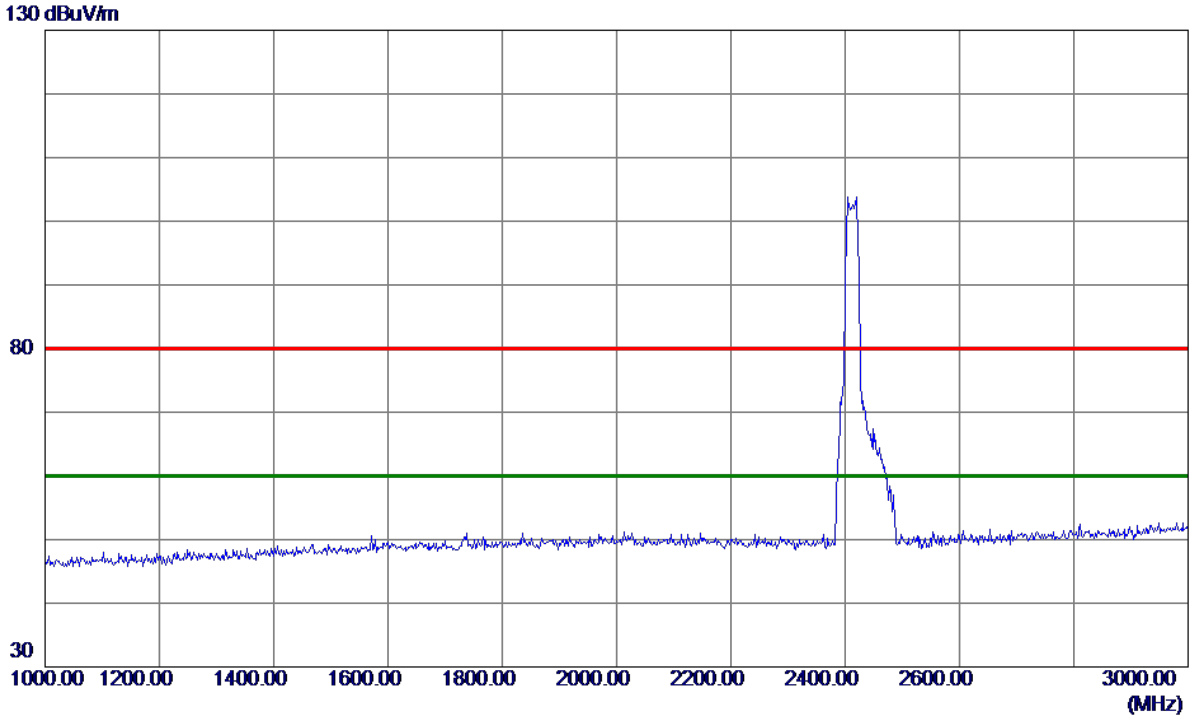
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	53.52	9.00	62.52	74.00	-11.48	Peak	
2	2390.0000	33.93	9.00	42.93	54.00	-11.07	AVG	
3 *	2418.7000	88.60	8.99	97.59	54.00	43.59	AVG	No Limit
4	2419.3000	97.72	8.99	106.71	74.00	32.71	Peak	No Limit

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

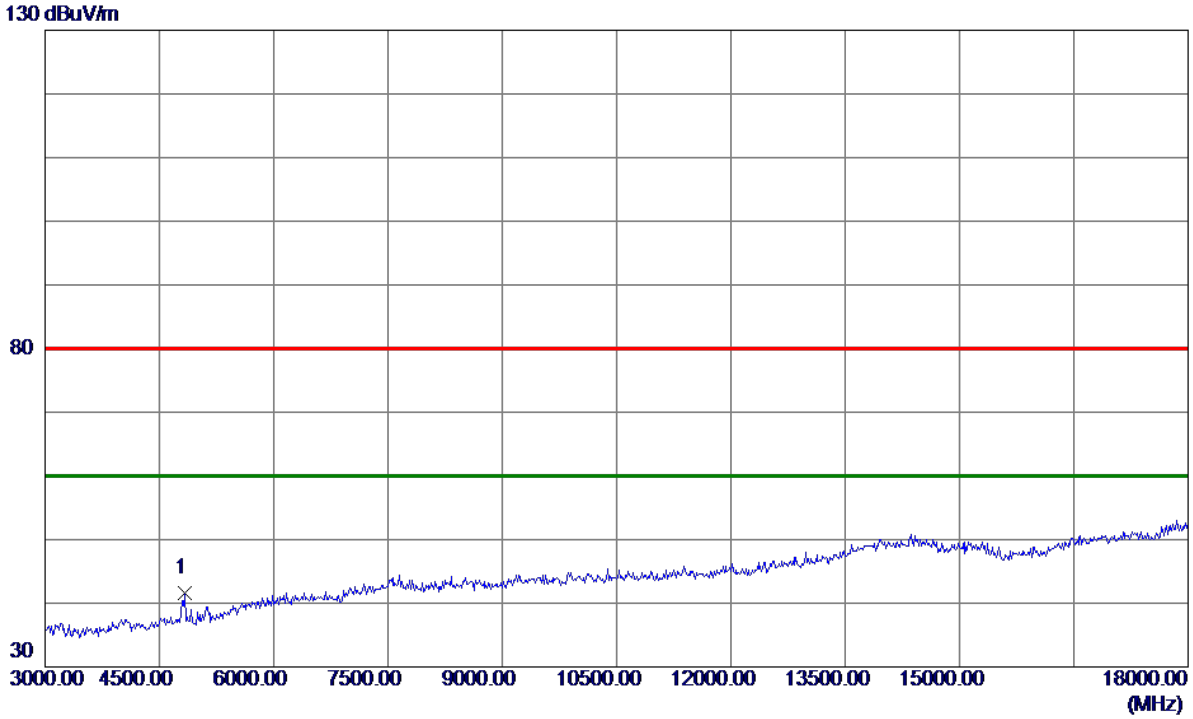
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

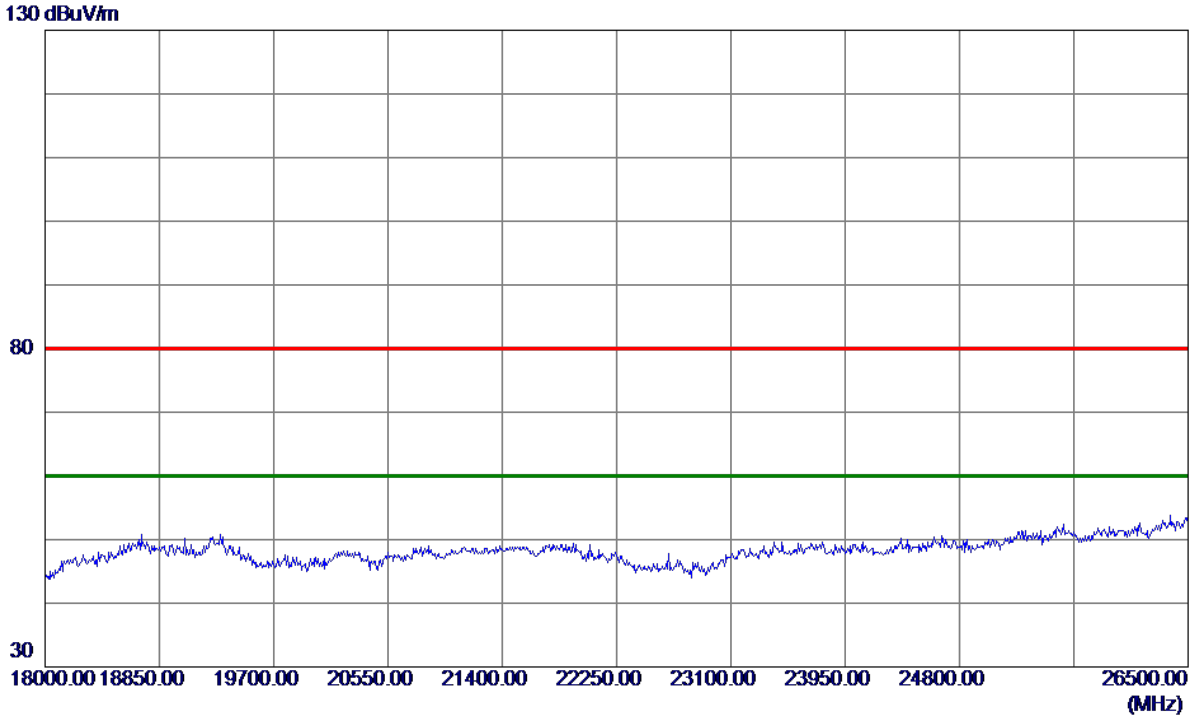
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4830.0000	35.72	5.79	41.51	80.00	-38.49	Peak	

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

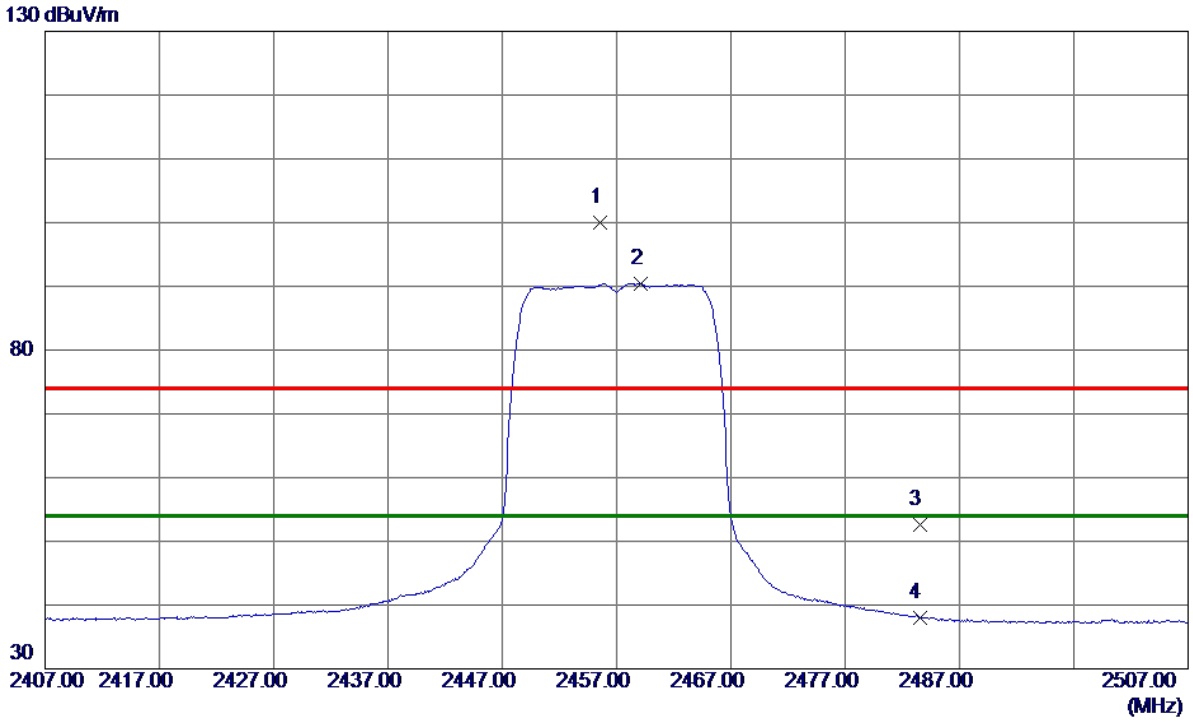
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

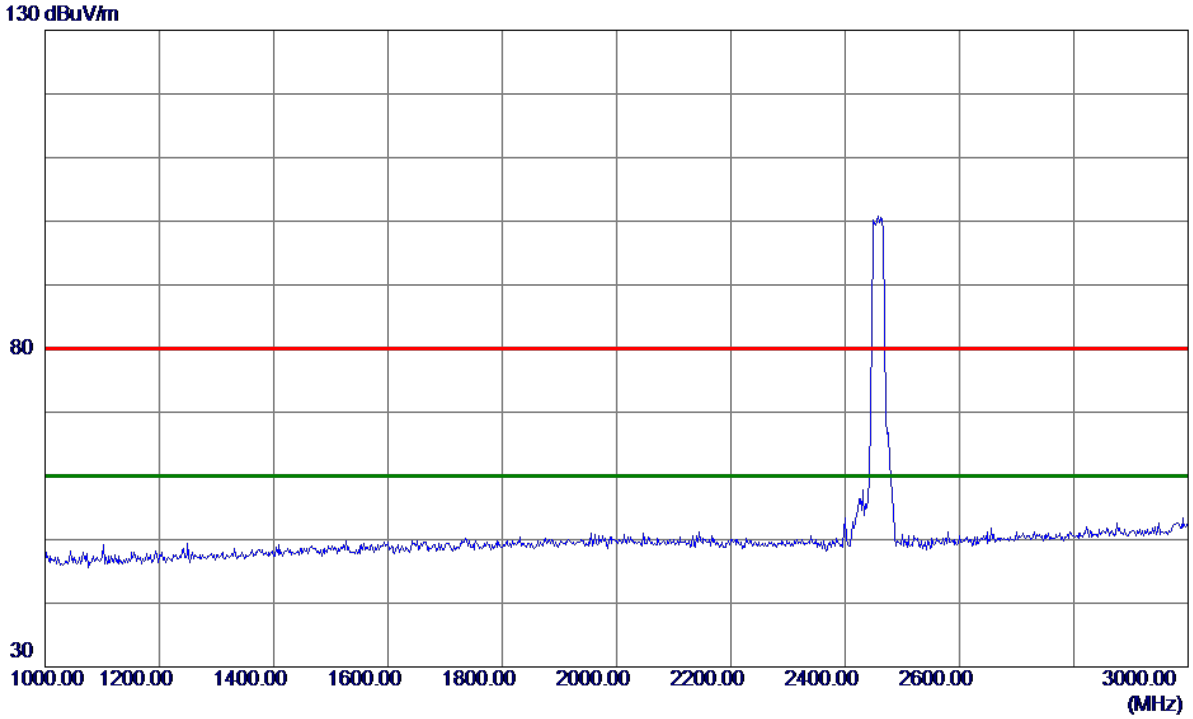
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.6000	91.12	8.98	100.10	74.00	26.10	Peak	No Limit
2 *	2459.1000	81.45	8.98	90.43	54.00	36.43	AVG	No Limit
3	2483.5000	43.65	8.97	52.62	74.00	-21.38	Peak	
4	2483.5000	29.06	8.97	38.03	54.00	-15.97	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

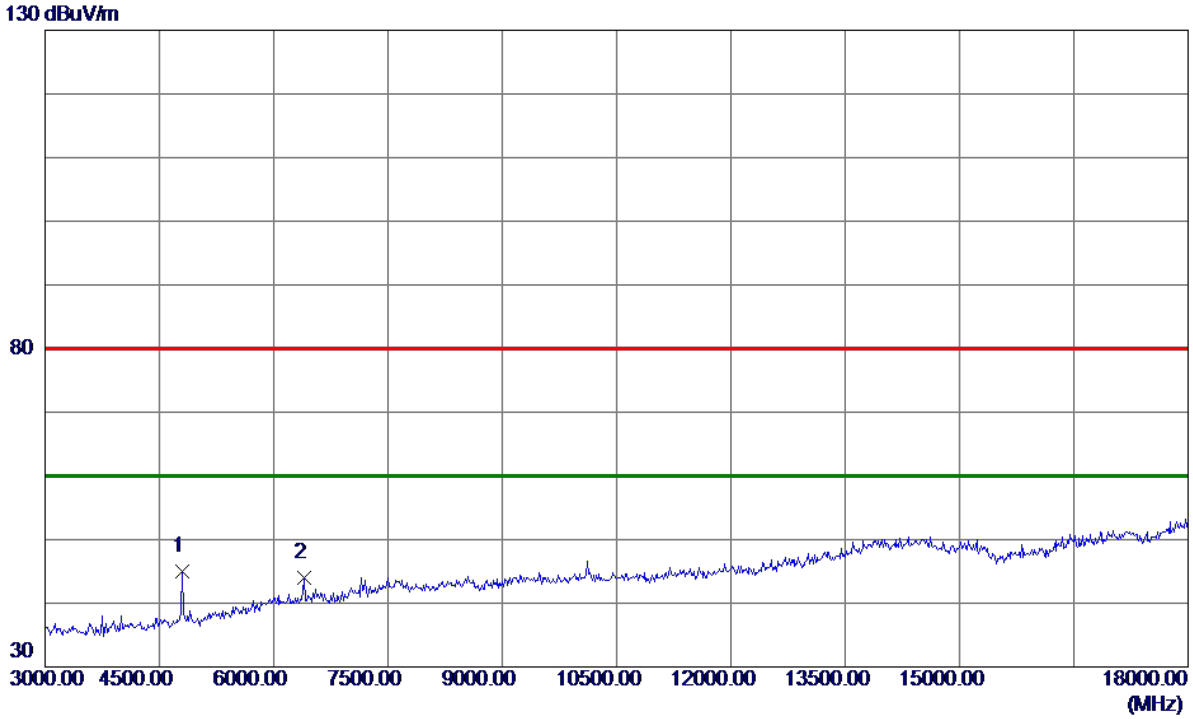
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

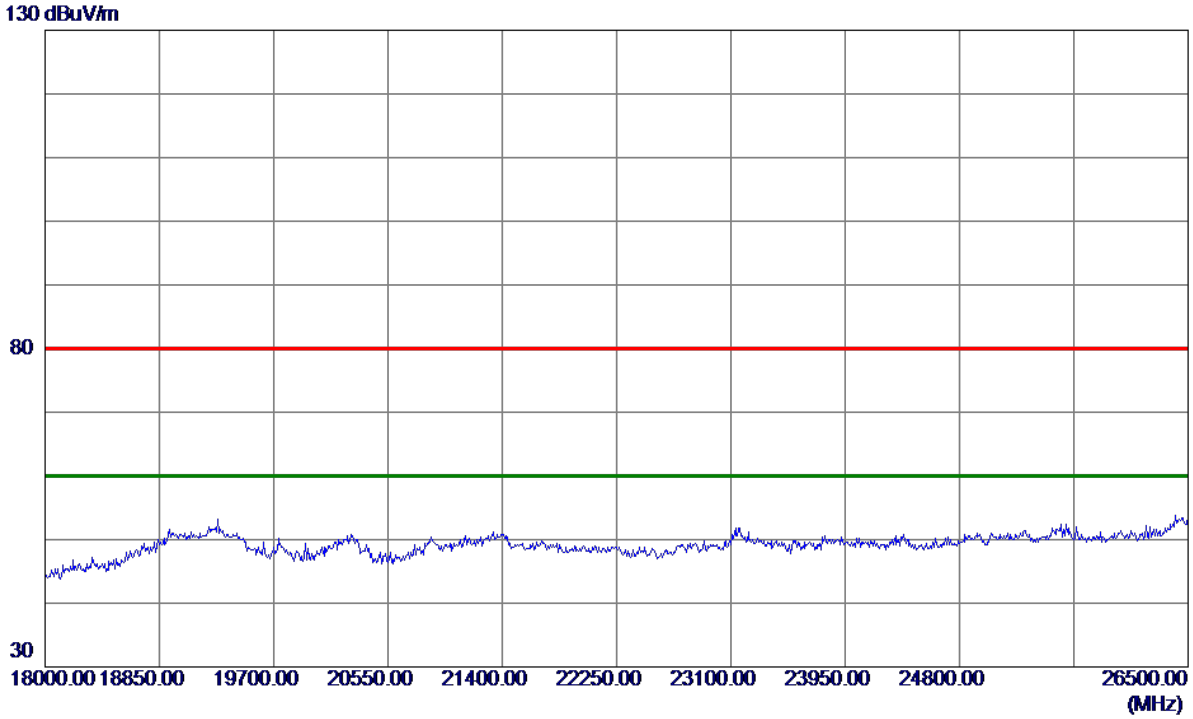
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4800.0000	39.36	5.72	45.08	80.00	-34.92	Peak	
2	6405.0000	33.91	10.01	43.92	80.00	-36.08	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

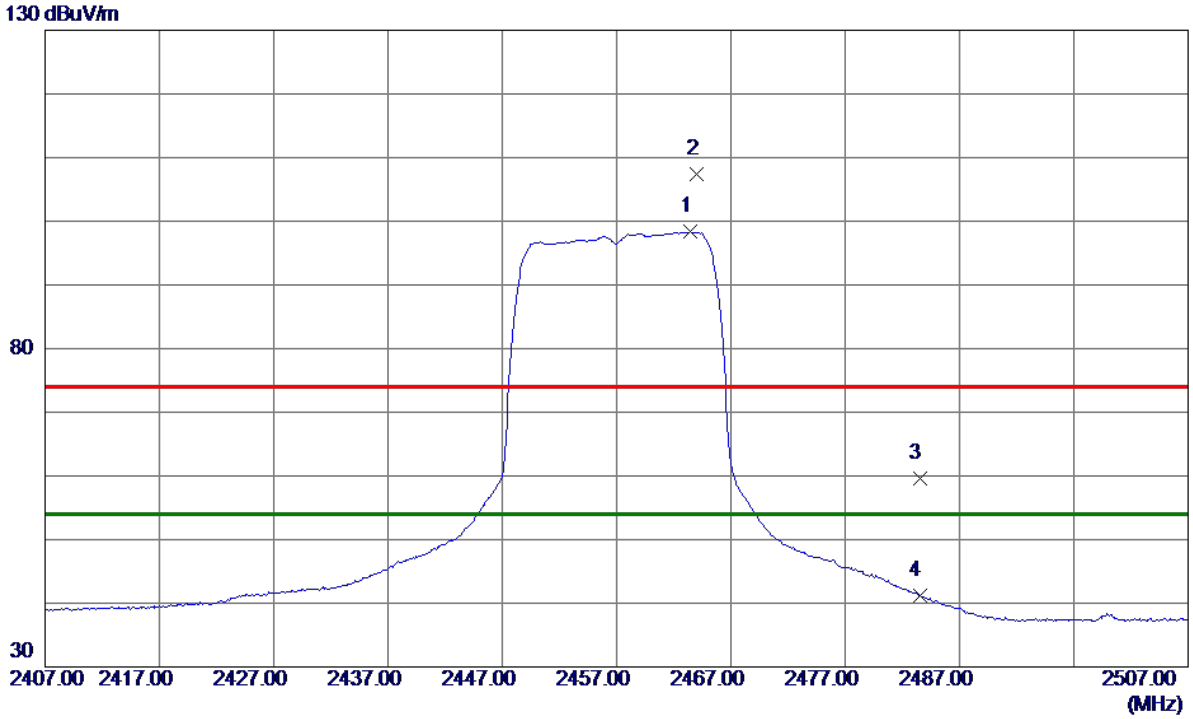
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

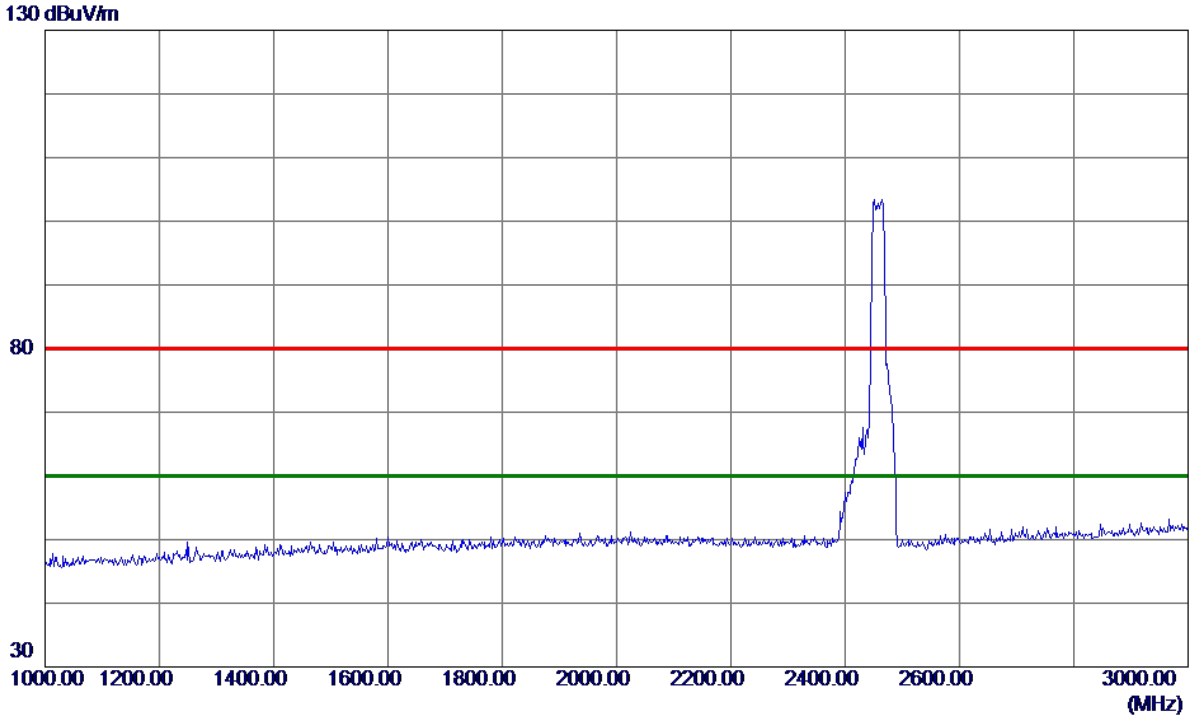
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2463.4000	89.34	8.97	98.31	54.00	44.31	AVG	No Limit
2	2464.0000	98.40	8.97	107.37	74.00	33.37	Peak	No Limit
3	2483.5000	50.54	8.97	59.51	74.00	-14.49	Peak	
4	2483.5000	32.21	8.97	41.18	54.00	-12.82	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

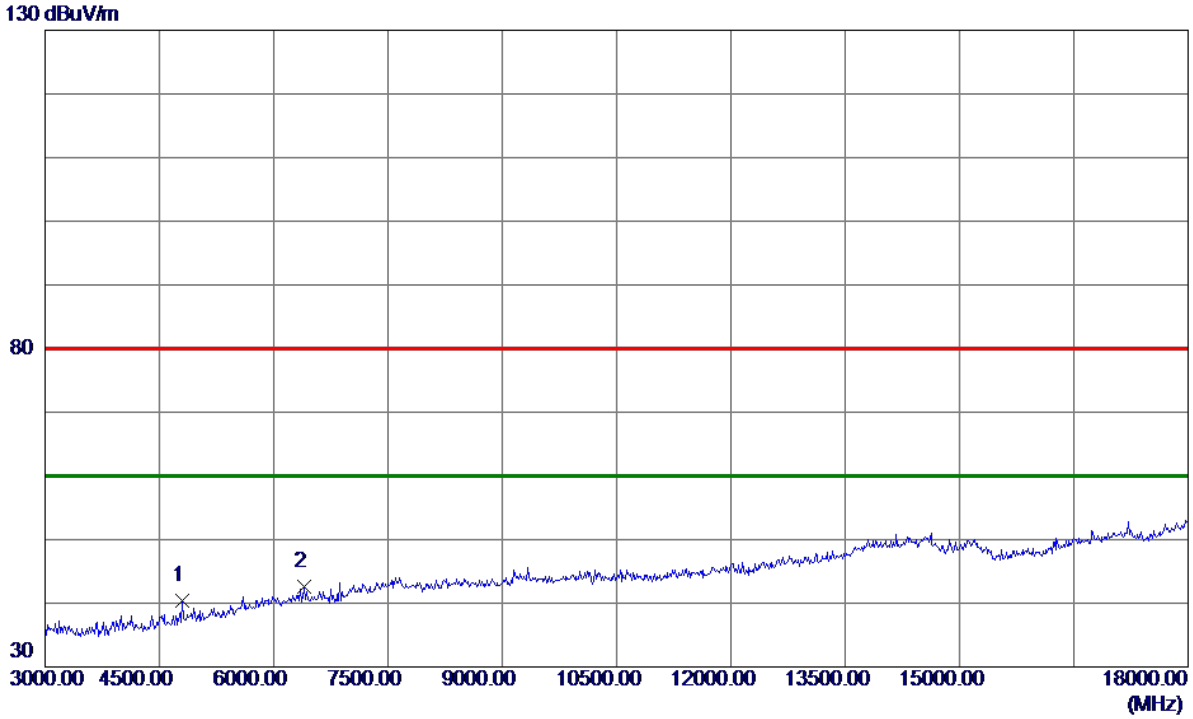
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

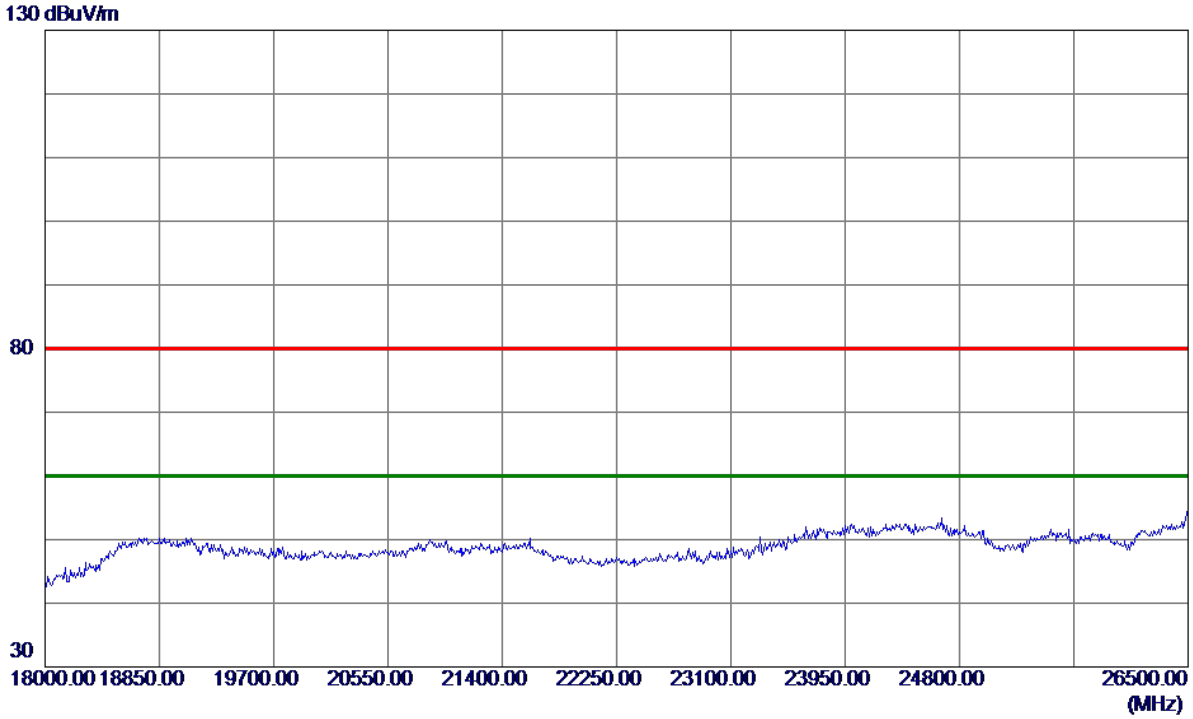
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4800.0000	34.65	5.72	40.37	80.00	-39.63	Peak	
2 *	6405.0000	32.59	10.01	42.60	80.00	-37.40	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

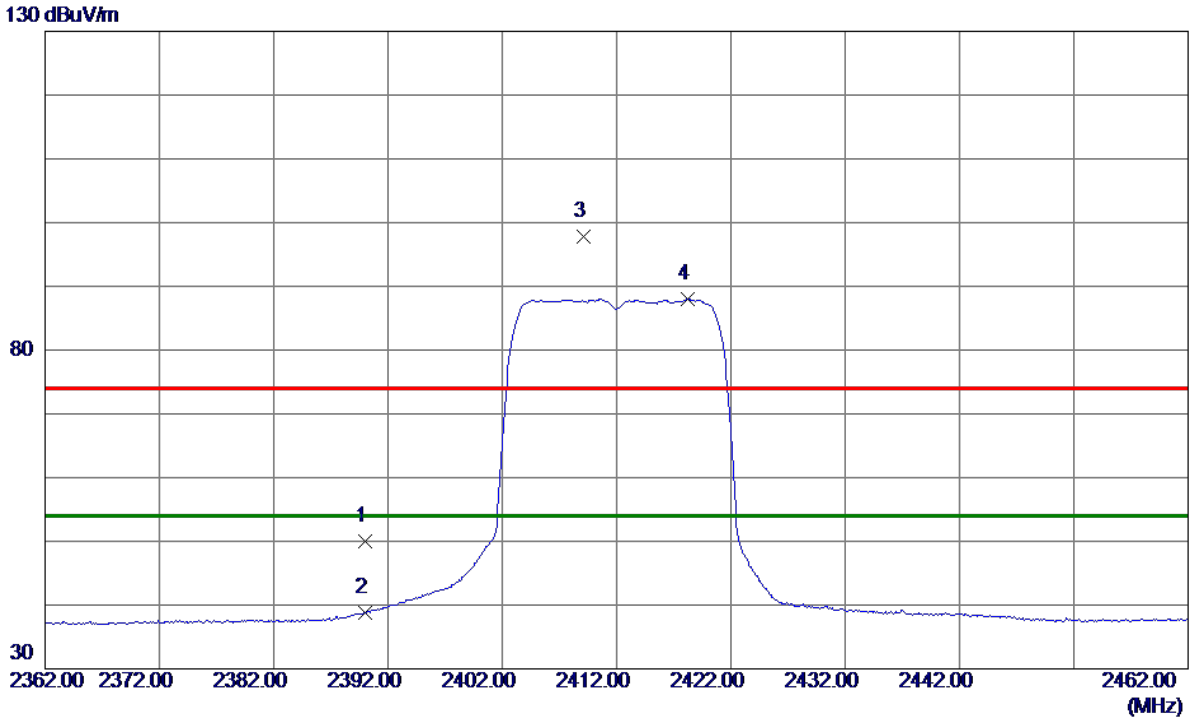
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

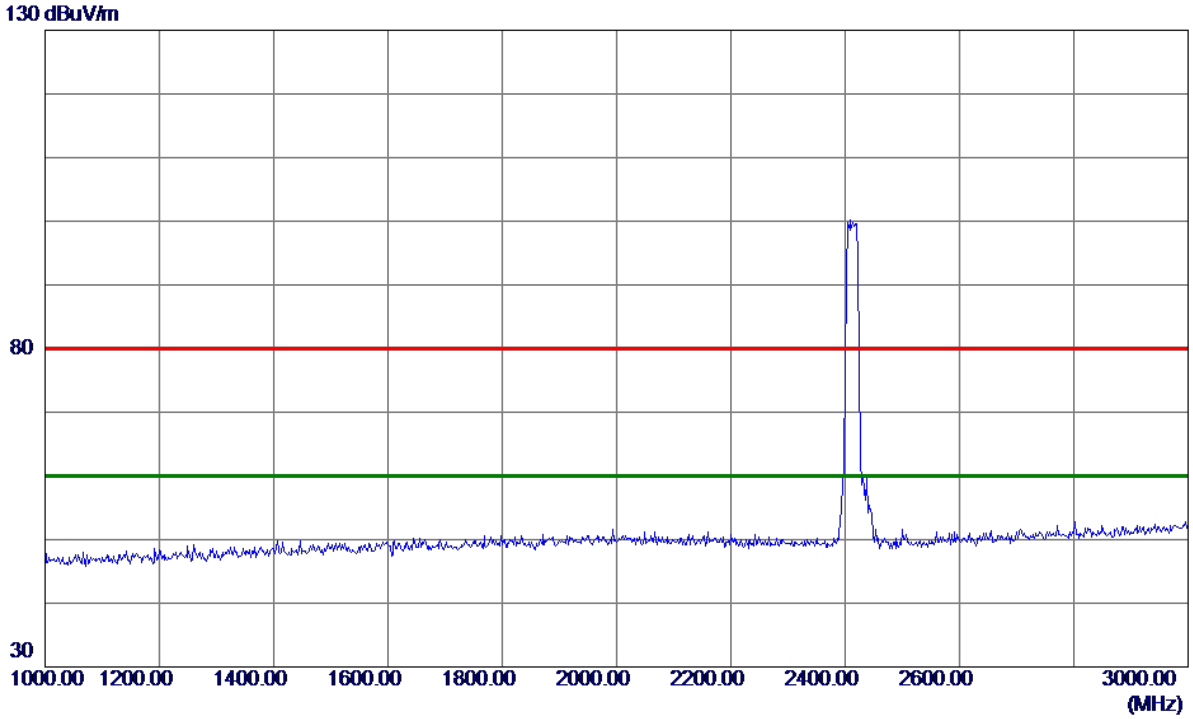
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	40.97	9.00	49.97	74.00	-24.03	Peak	
2	2390.0000	29.73	9.00	38.73	54.00	-15.27	AVG	
3	2409.1000	88.85	9.00	97.85	74.00	23.85	Peak	No Limit
4 *	2418.2000	79.04	8.99	88.03	54.00	34.03	AVG	No Limit

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

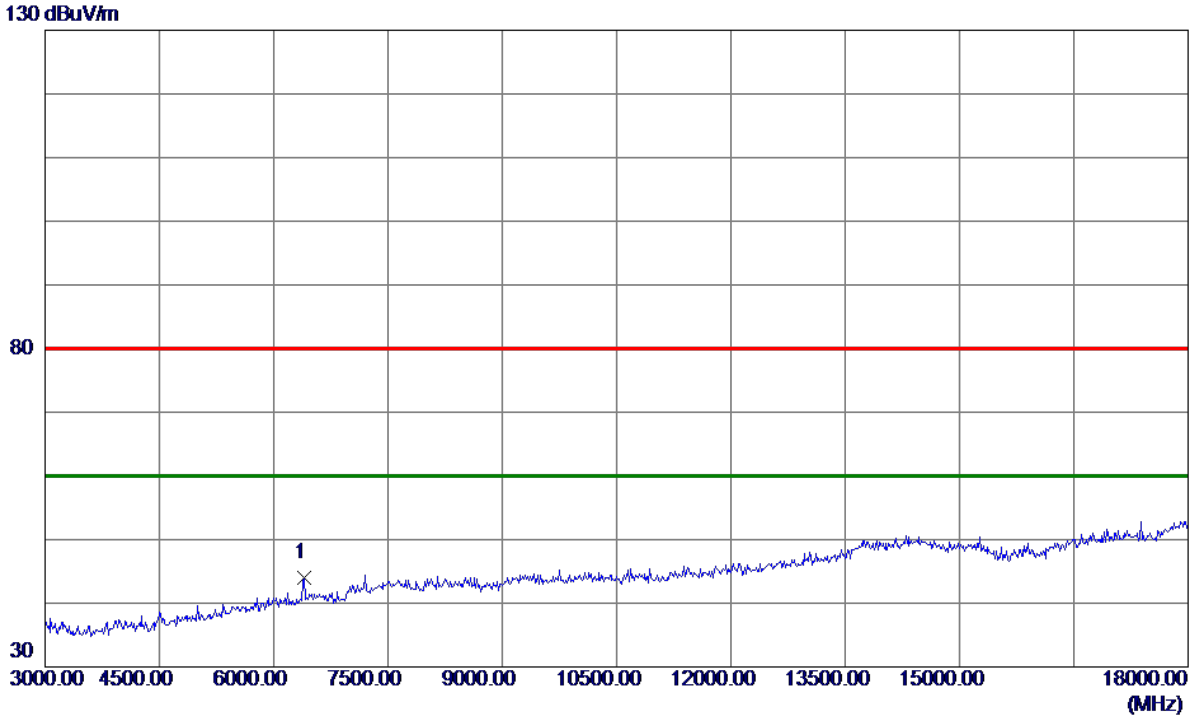
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

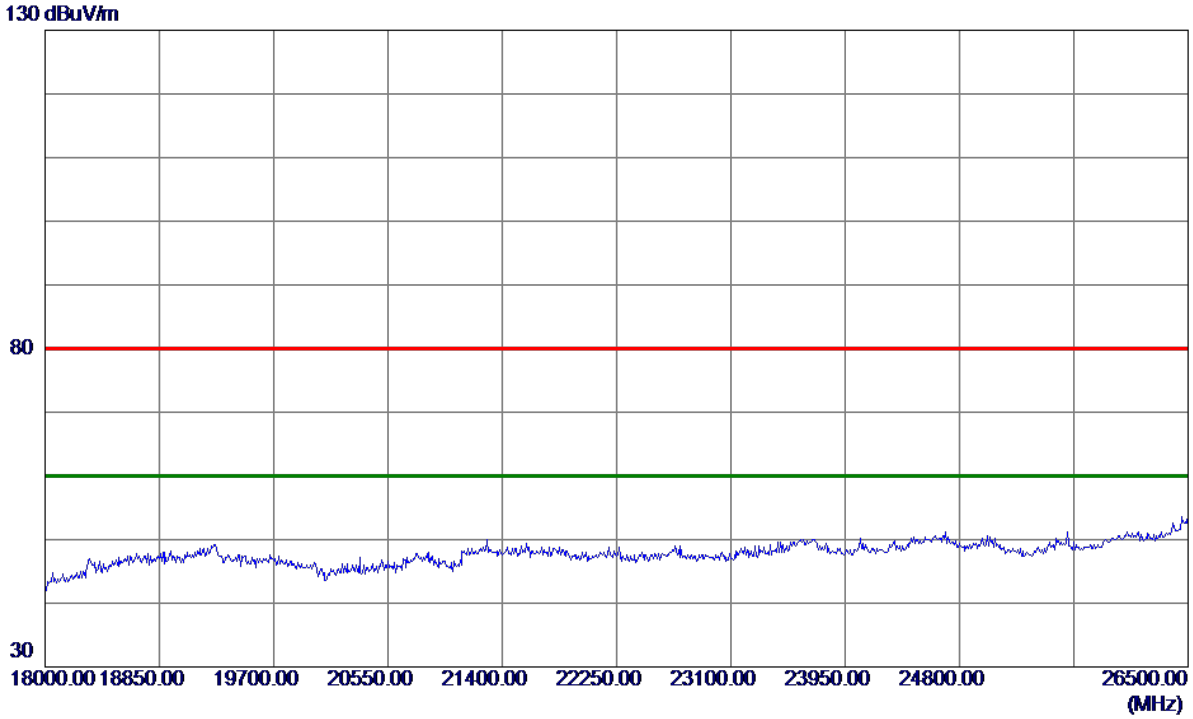
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6405.0000	33.94	10.01	43.95	80.00	-36.05	Peak	

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

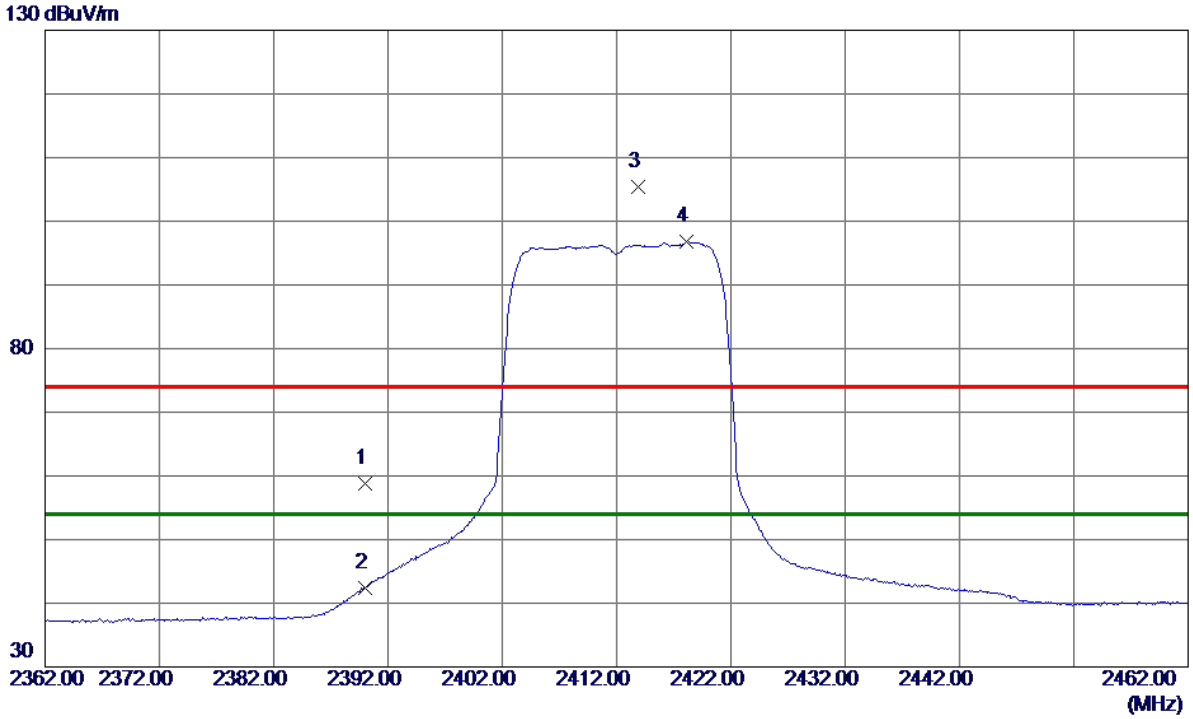
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

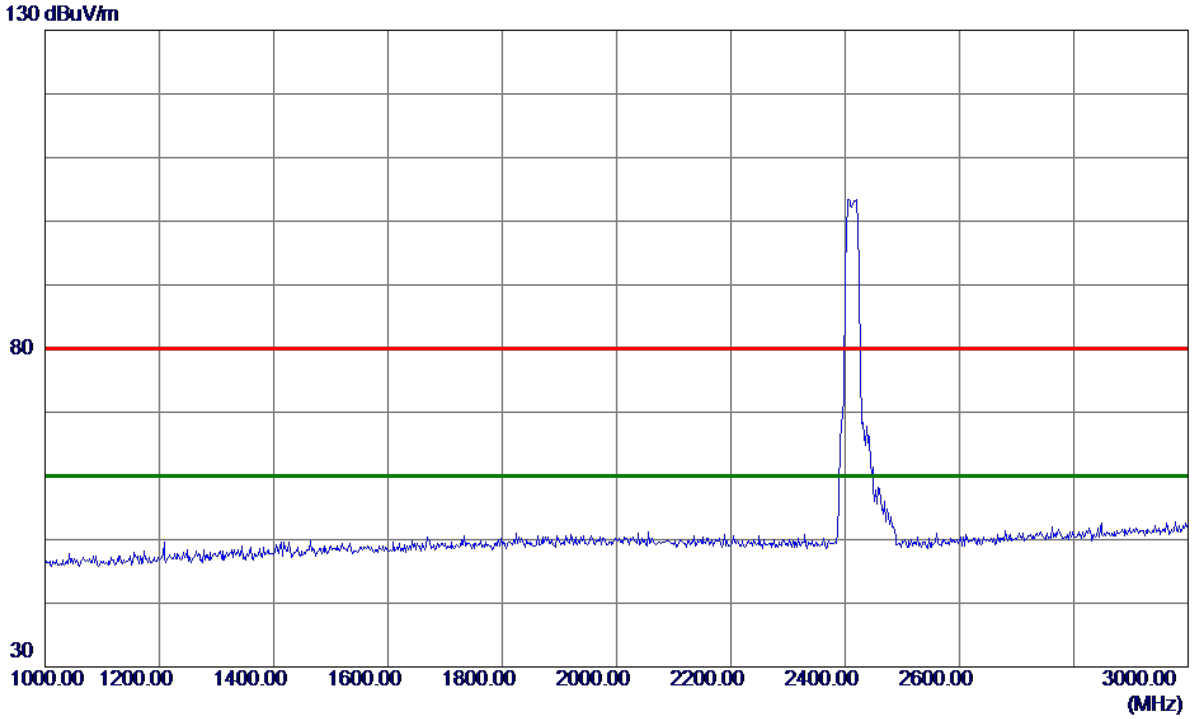
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	49.77	9.00	58.77	74.00	-15.23	Peak	
2	2390.0000	33.44	9.00	42.44	54.00	-11.56	AVG	
3	2413.9000	96.38	8.99	105.37	74.00	31.37	Peak	No Limit
4 *	2418.1000	87.79	8.99	96.78	54.00	42.78	AVG	No Limit

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

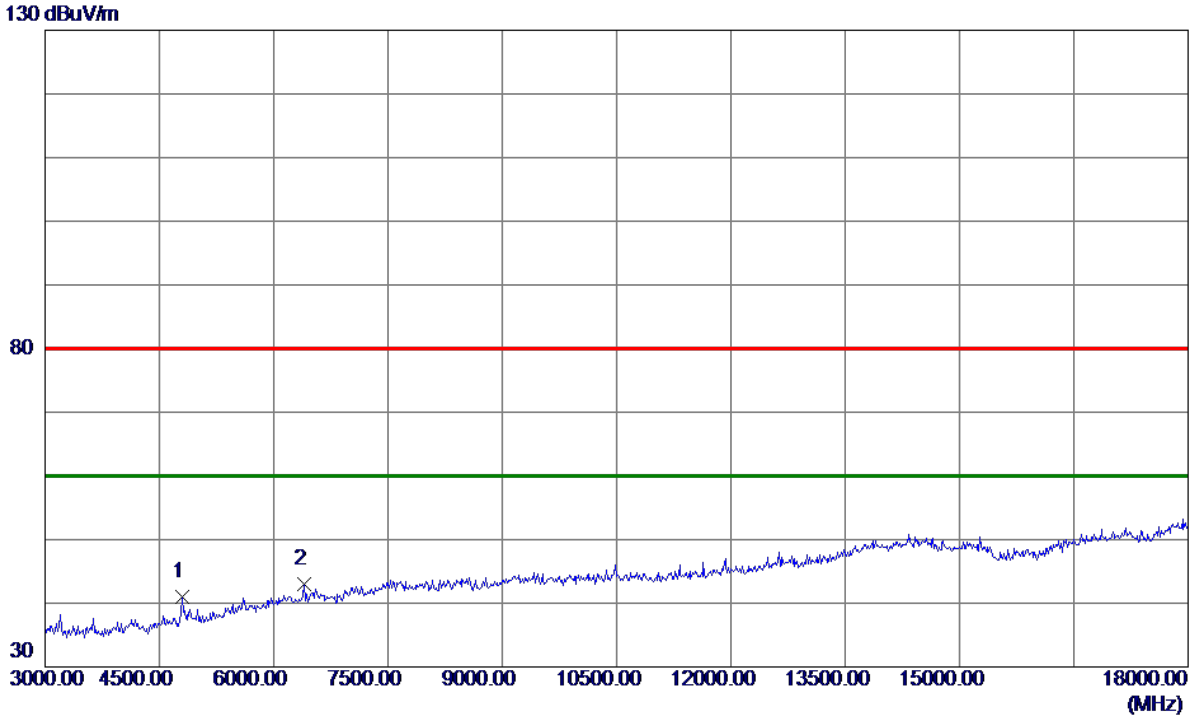
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

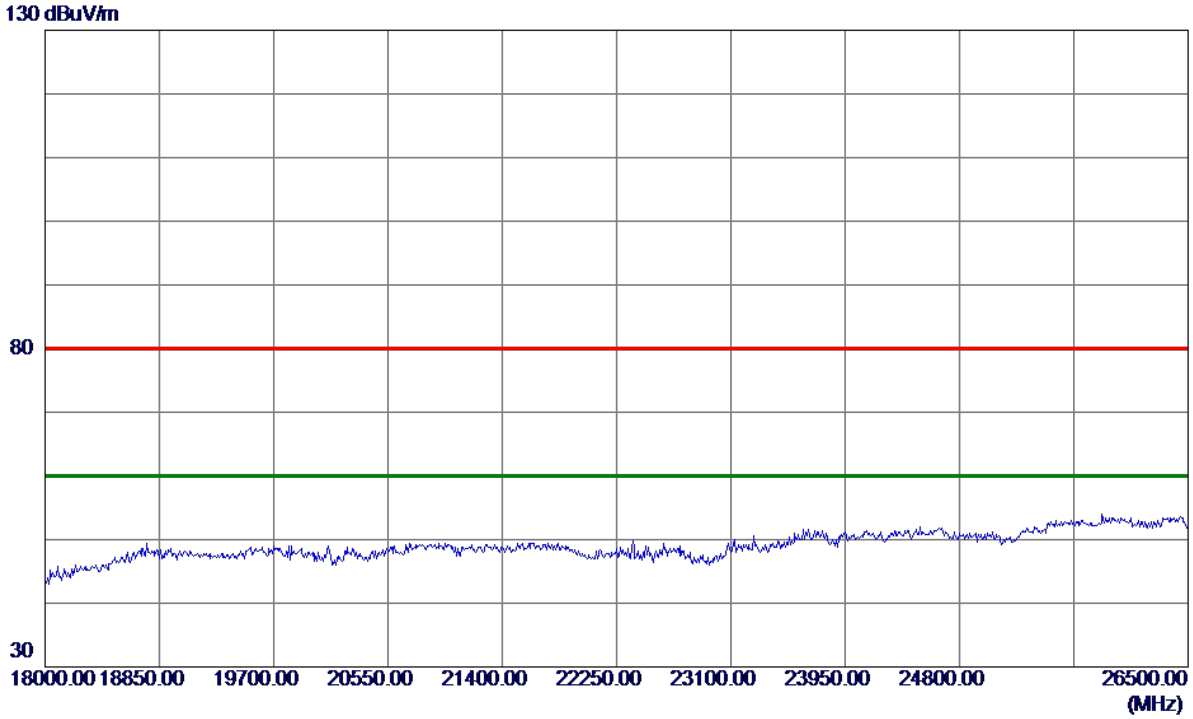
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4800.0000	35.35	5.72	41.07	80.00	-38.93	Peak	
2 *	6405.0000	33.08	10.01	43.09	80.00	-36.91	Peak	

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

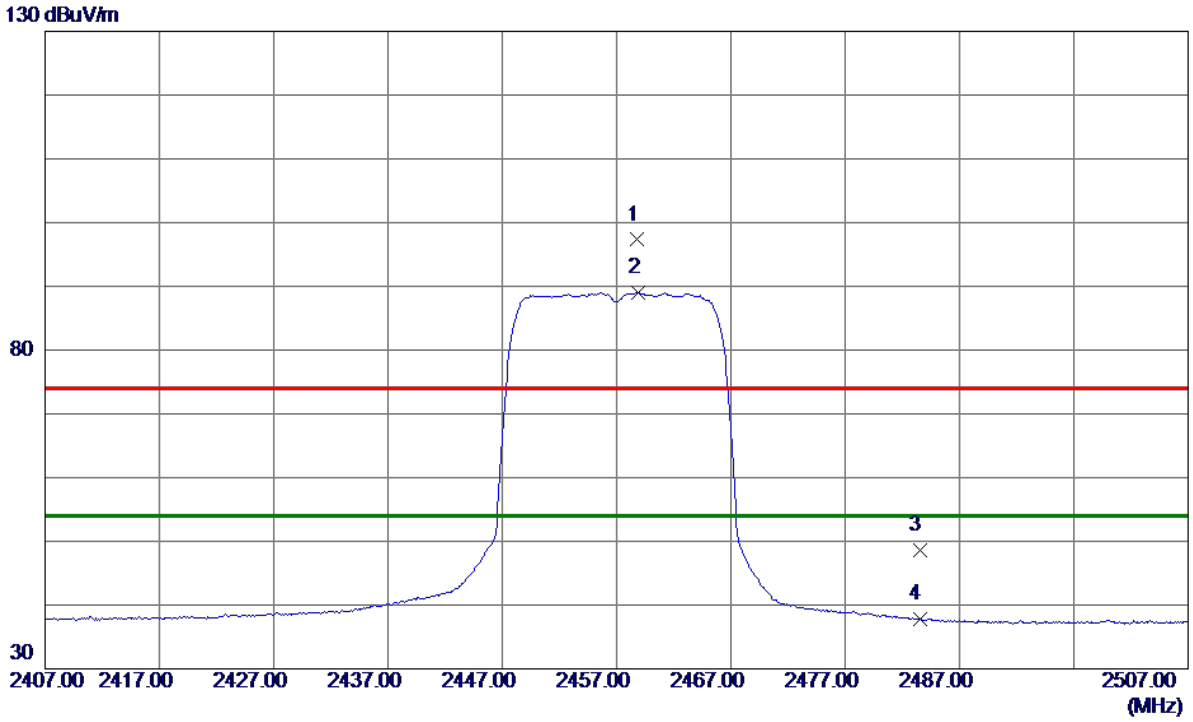
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

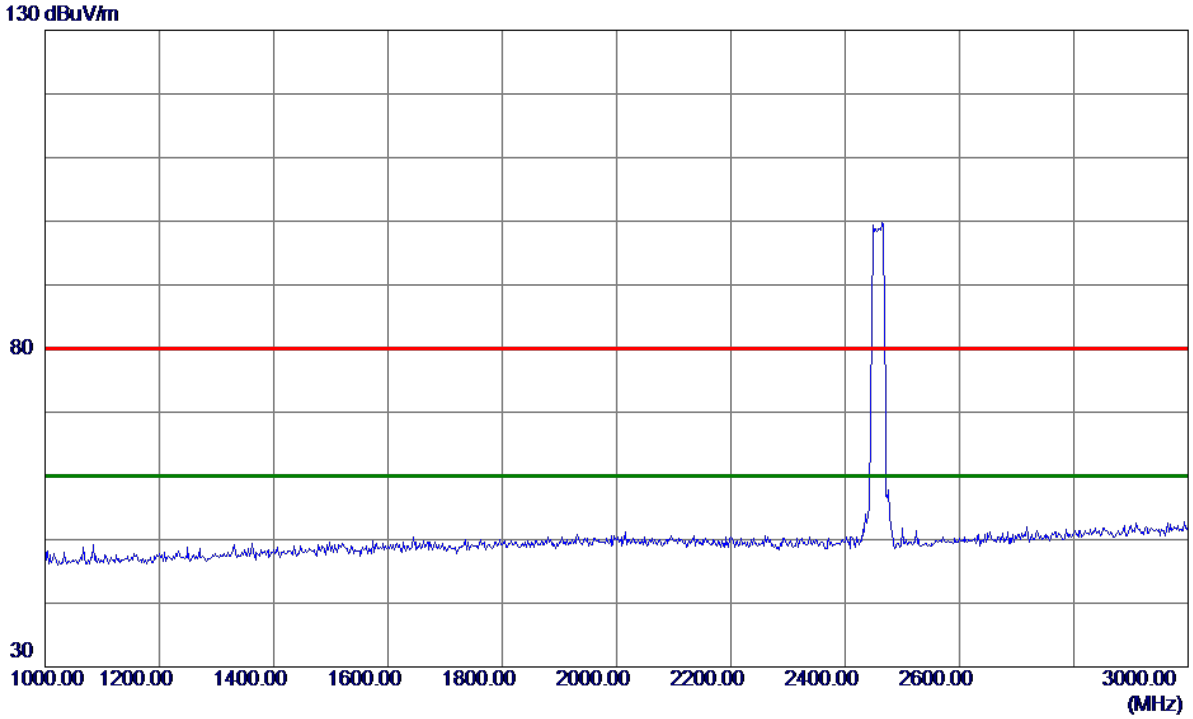
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2458.8000	88.32	8.98	97.30	74.00	23.30	Peak	No Limit
2 *	2458.9000	80.05	8.98	89.03	54.00	35.03	AVG	No Limit
3	2483.5000	39.56	8.97	48.53	74.00	-25.47	Peak	
4	2483.5000	28.84	8.97	37.81	54.00	-16.19	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

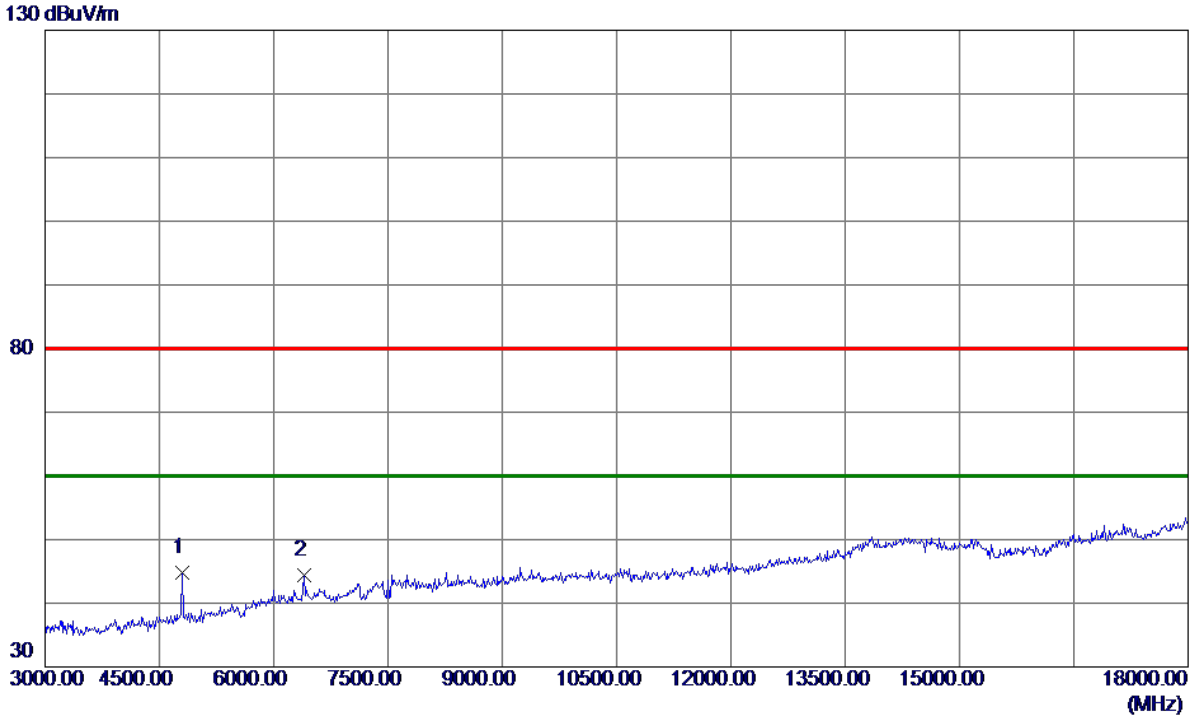
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

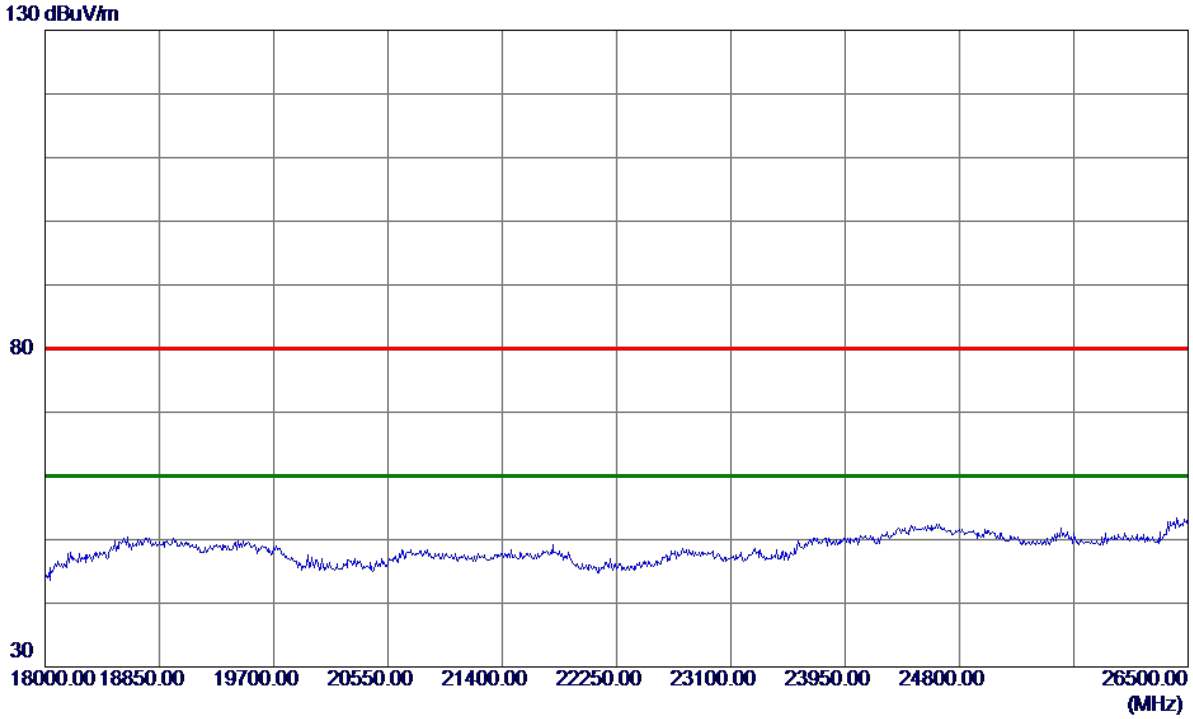
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4800.0000	39.00	5.72	44.72	80.00	-35.28	Peak	
2	6405.0000	34.35	10.01	44.36	80.00	-35.64	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

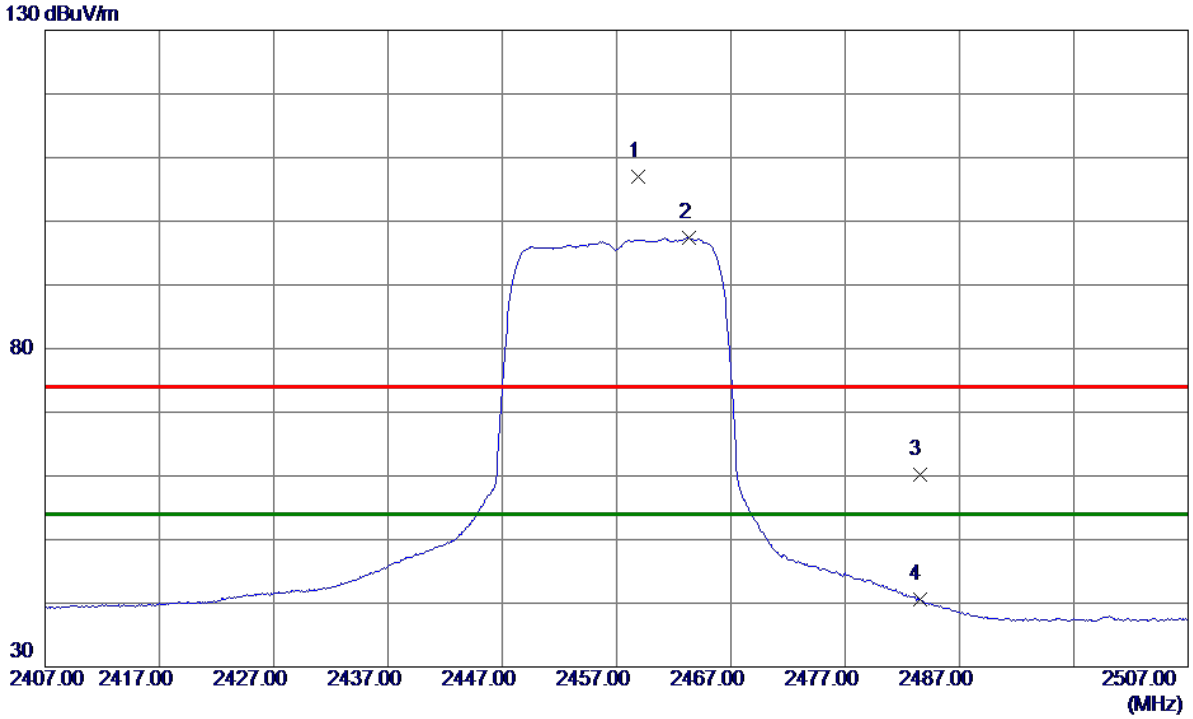
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

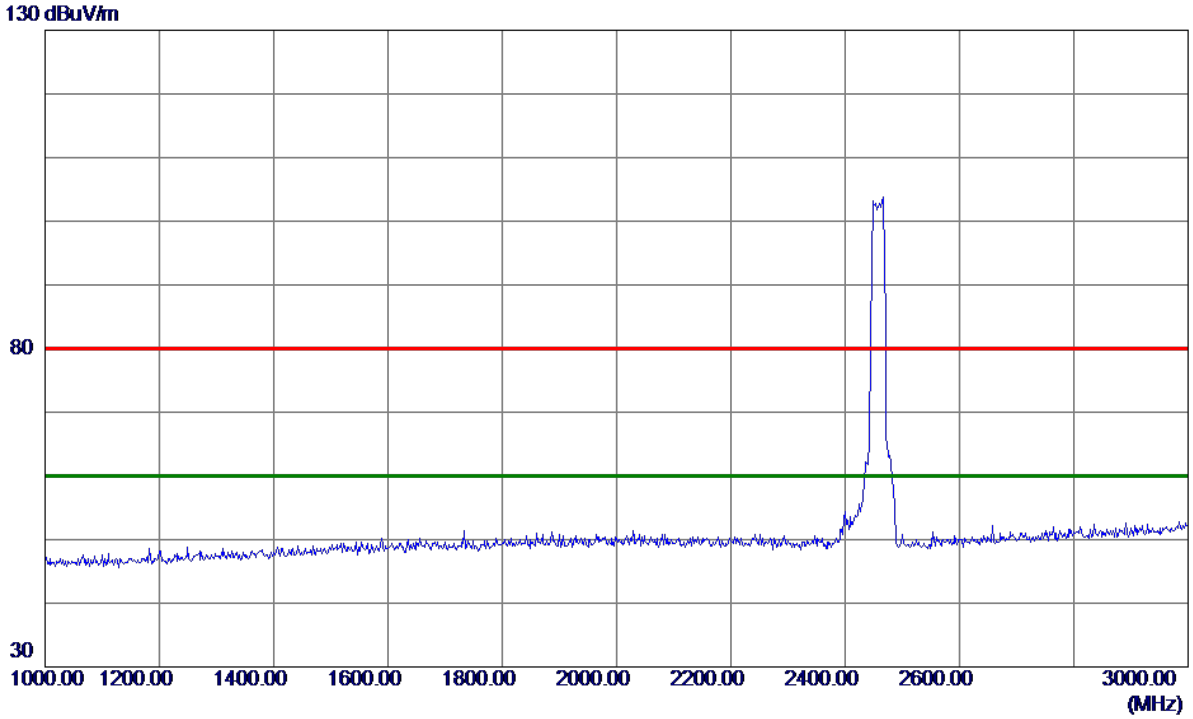
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2458.9000	97.97	8.98	106.95	74.00	32.95	Peak	No Limit
2 *	2463.3000	88.41	8.97	97.38	54.00	43.38	AVG	No Limit
3	2483.5000	51.31	8.97	60.28	74.00	-13.72	Peak	
4	2483.5000	31.71	8.97	40.68	54.00	-13.32	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

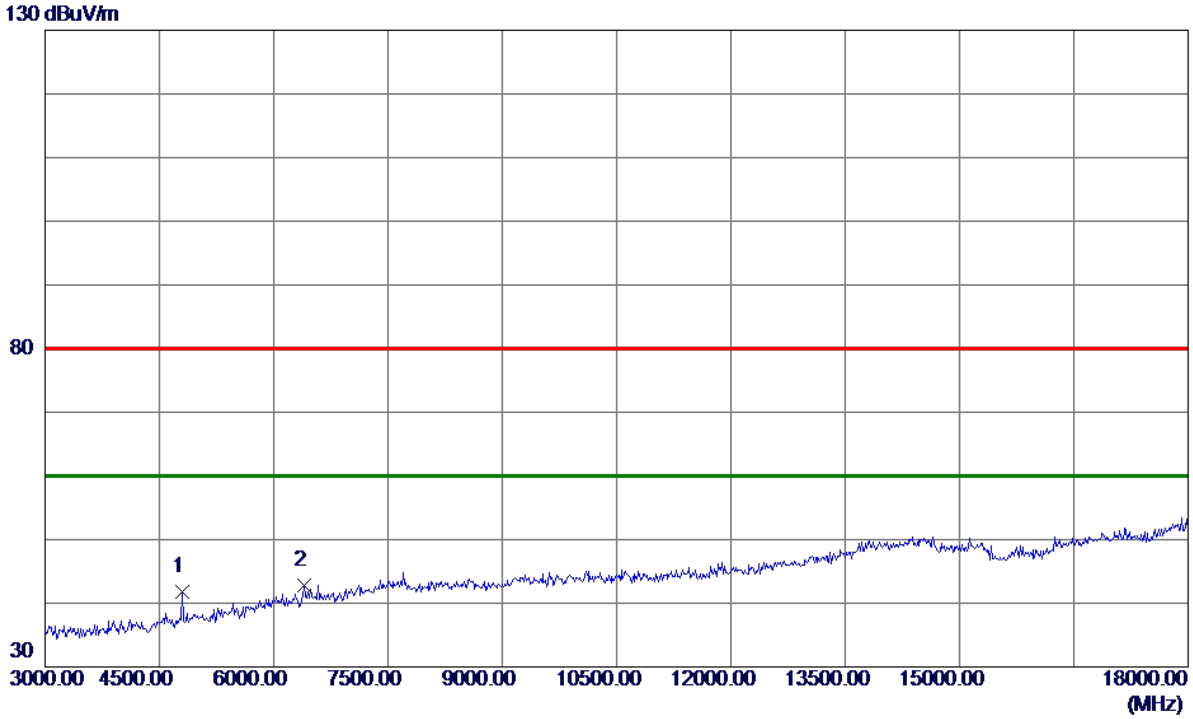
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

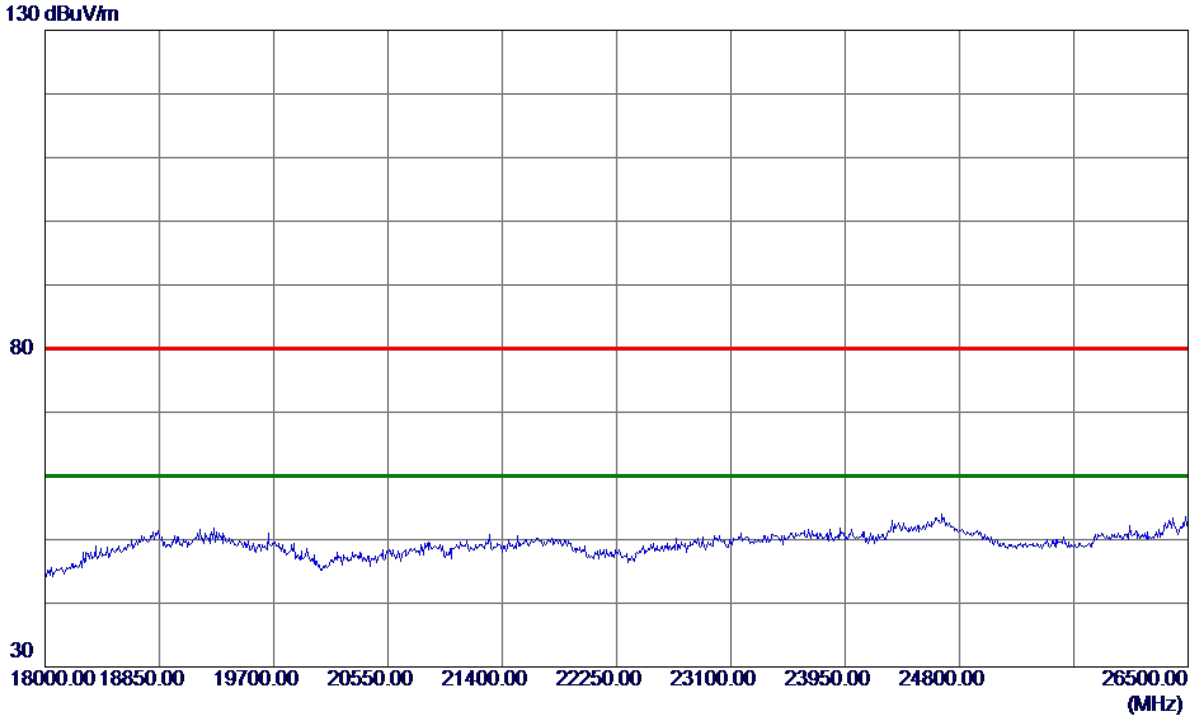
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4800.0000	36.01	5.72	41.73	80.00	-38.27	Peak	
2 *	6405.0000	32.75	10.01	42.76	80.00	-37.24	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

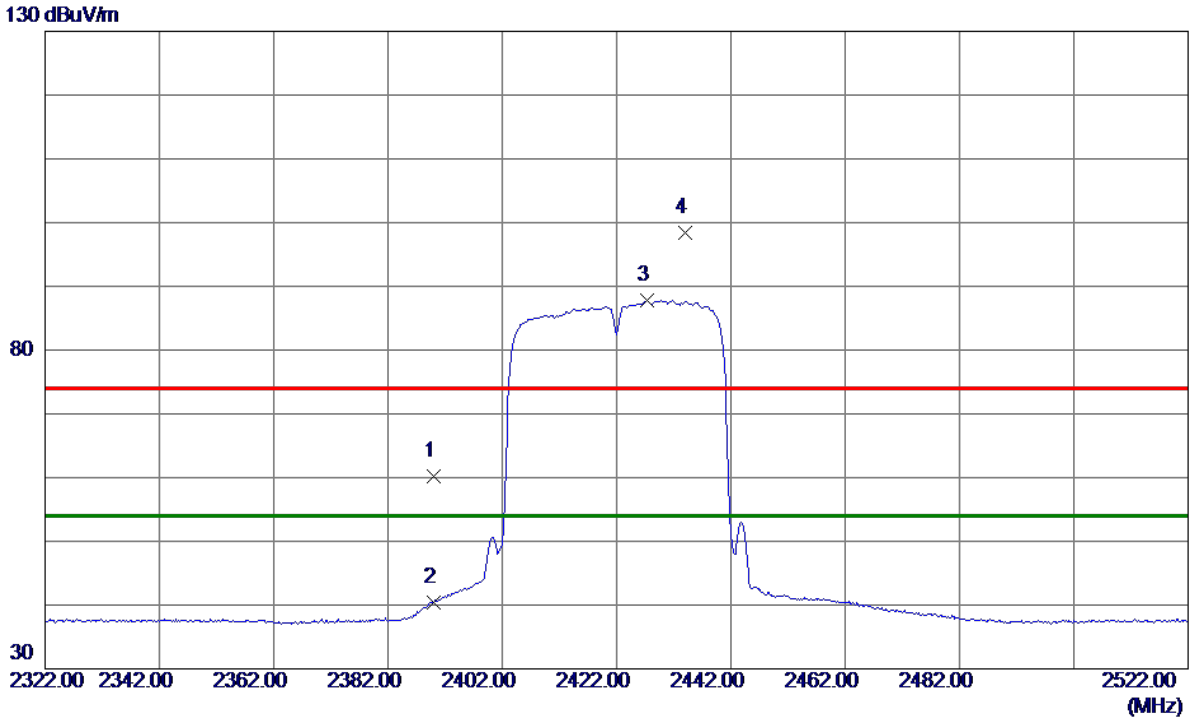
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

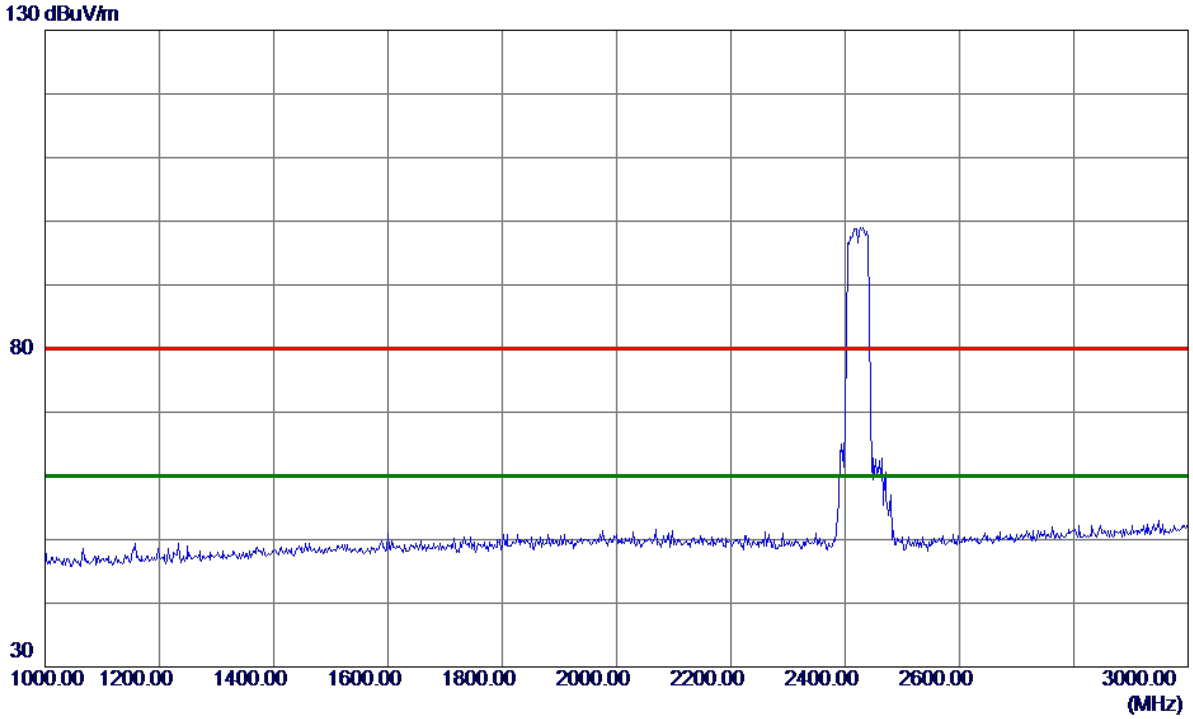
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	51.12	9.00	60.12	74.00	-13.88	Peak	
2	2390.0000	31.46	9.00	40.46	54.00	-13.54	AVG	
3 *	2427.4000	78.73	8.99	87.72	54.00	33.72	AVG	No Limit
4	2434.0000	89.39	8.99	98.38	74.00	24.38	Peak	No Limit

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

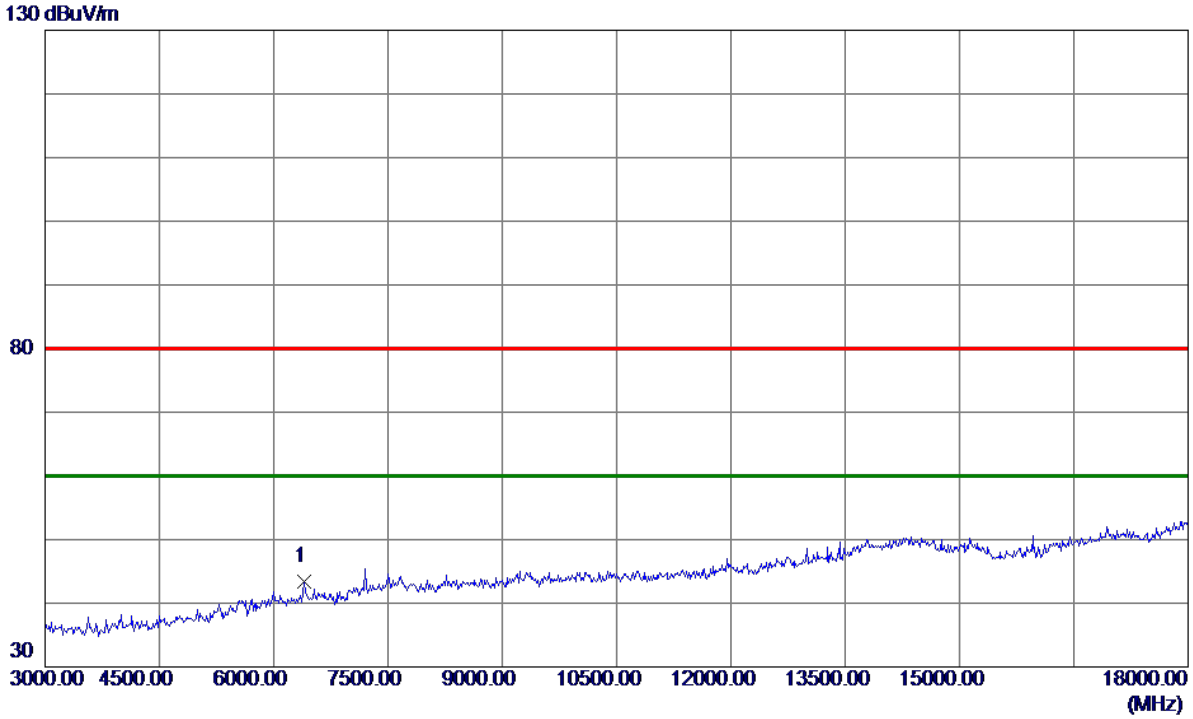
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

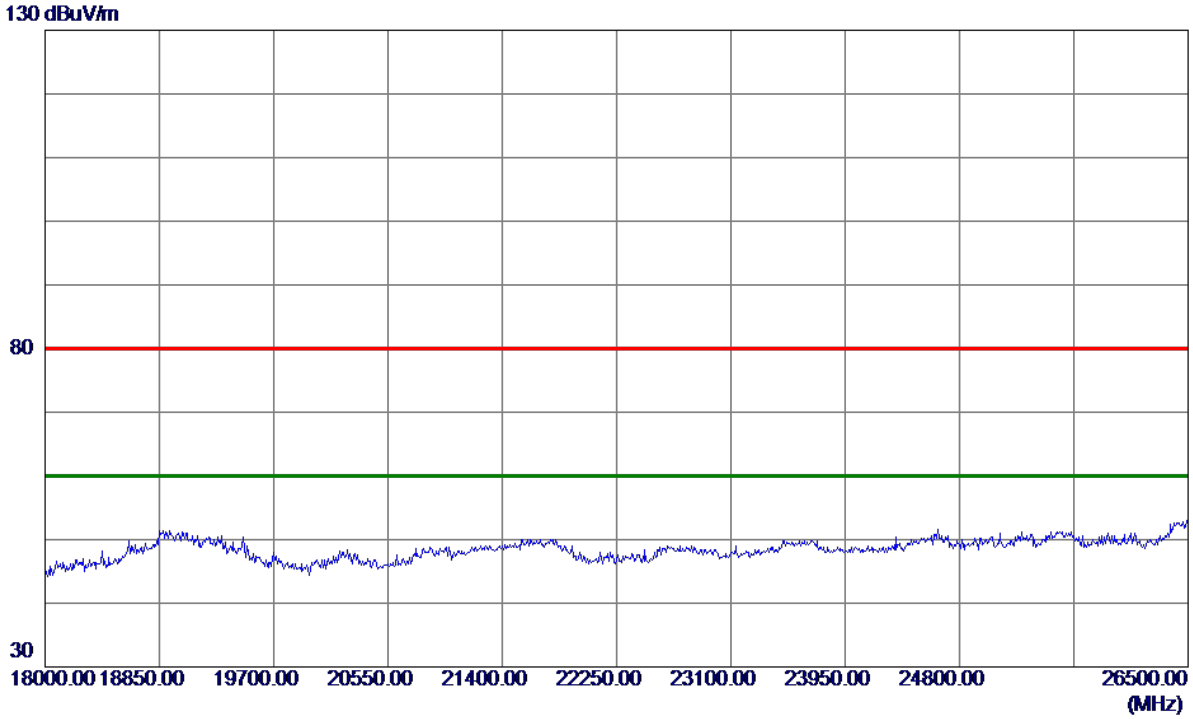
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6405.0000	33.34	10.01	43.35	80.00	-36.65	Peak	

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

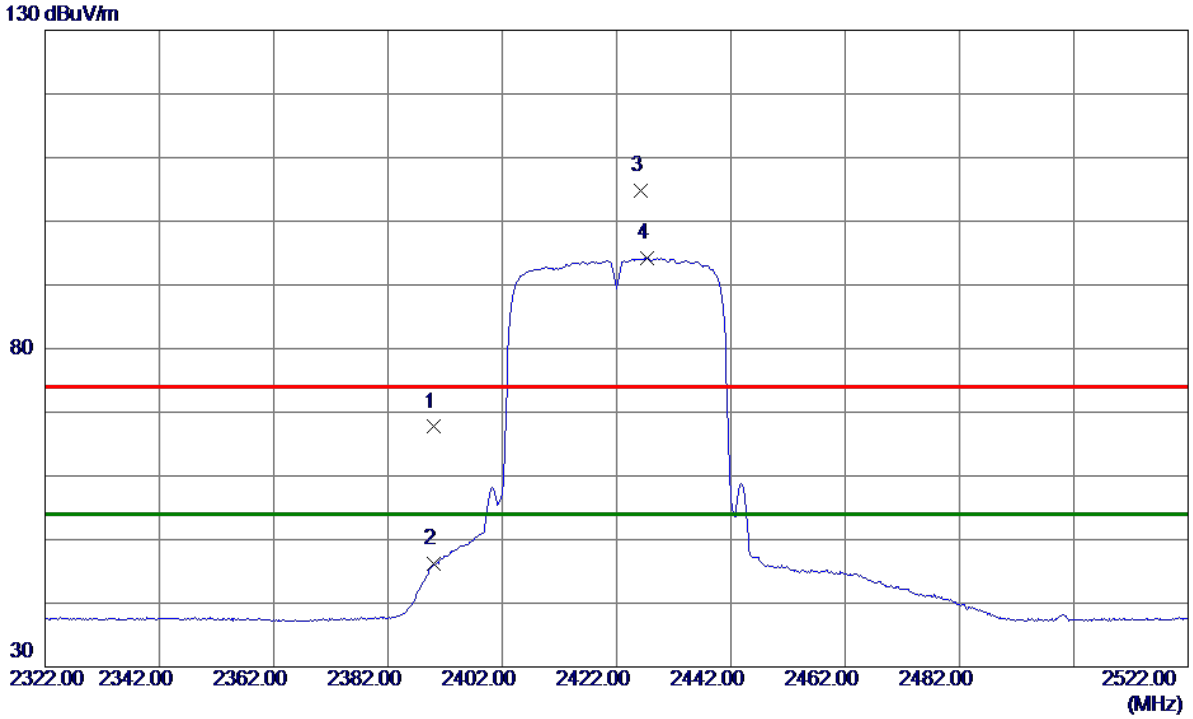
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

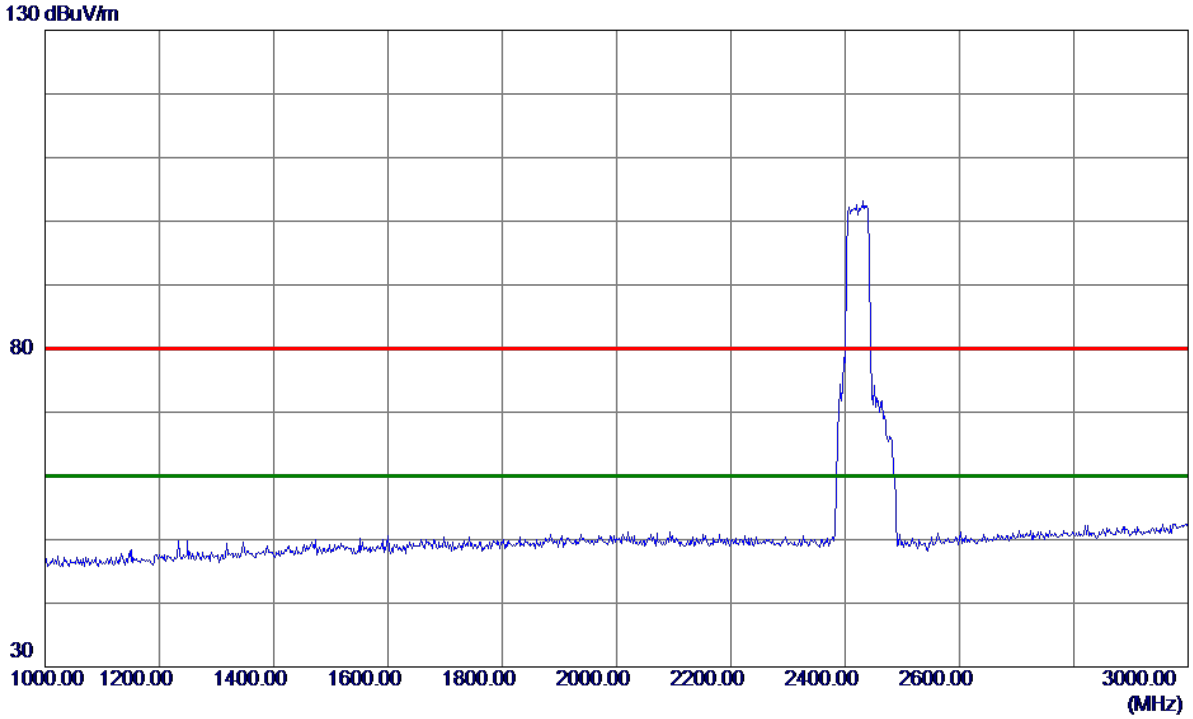
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	58.70	9.00	67.70	74.00	-6.30	Peak	
2	2390.0000	37.11	9.00	46.11	54.00	-7.89	AVG	
3	2426.2000	95.77	8.99	104.76	74.00	30.76	Peak	No Limit
4 *	2427.4000	85.30	8.99	94.29	54.00	40.29	AVG	No Limit

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

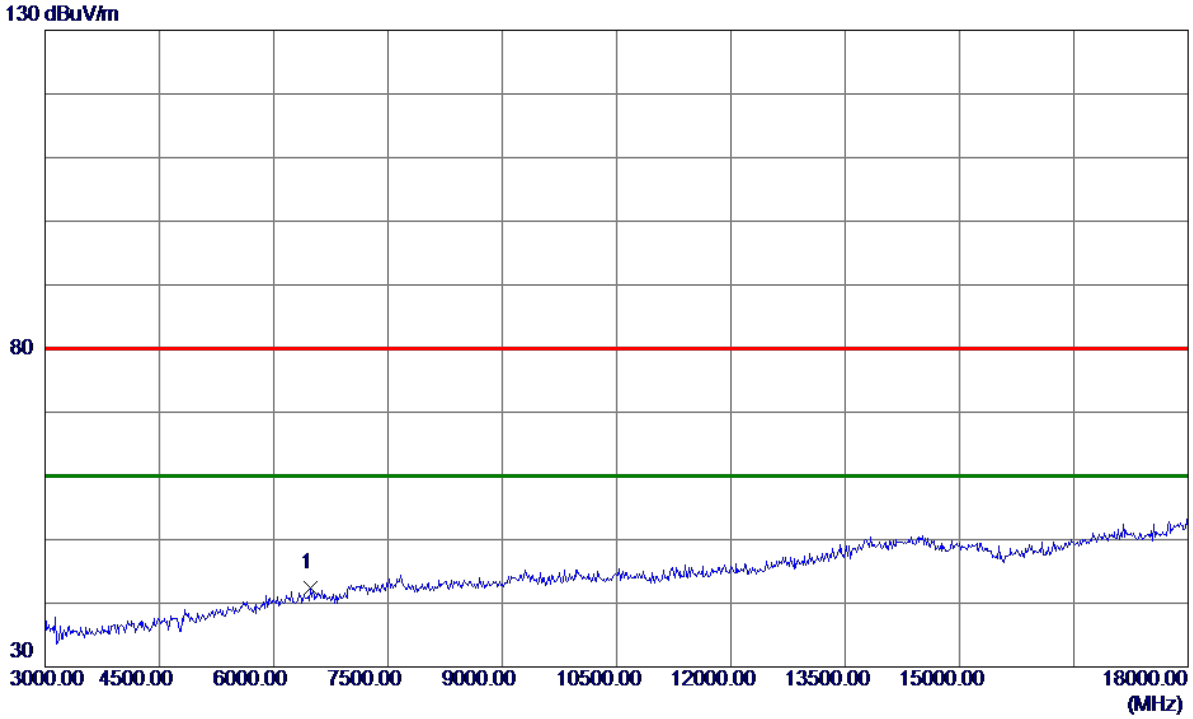
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

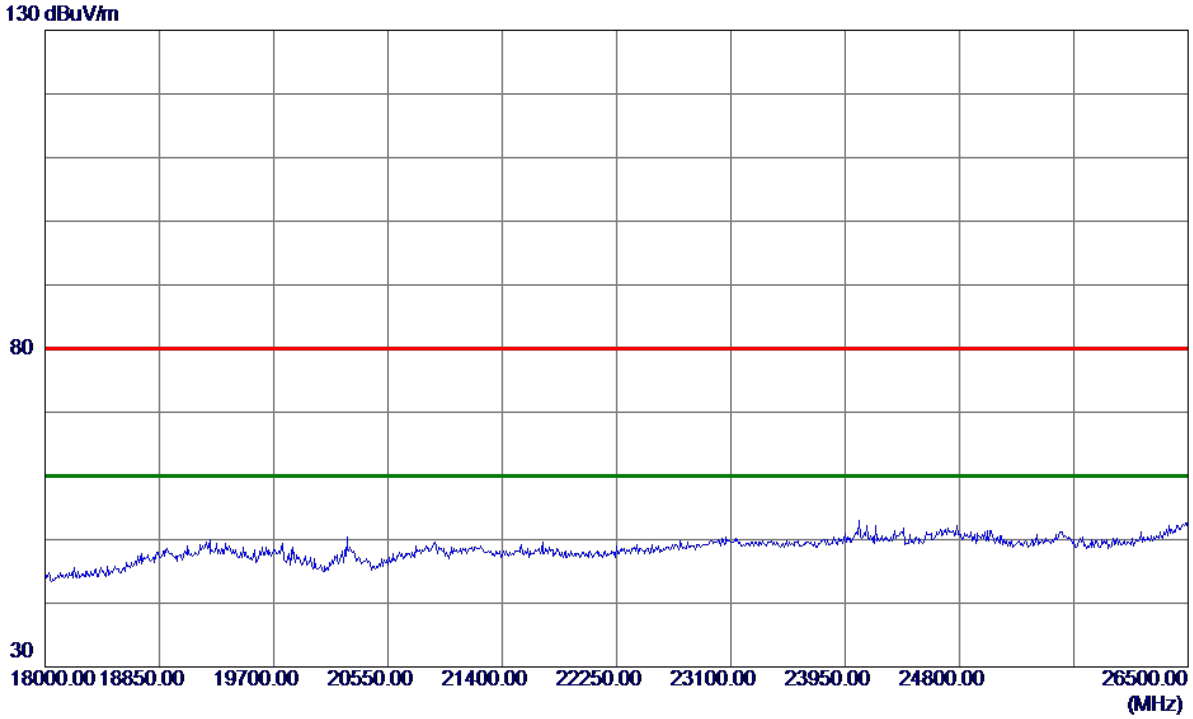
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6480.0000	32.23	10.12	42.35	80.00	-37.65	Peak	

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

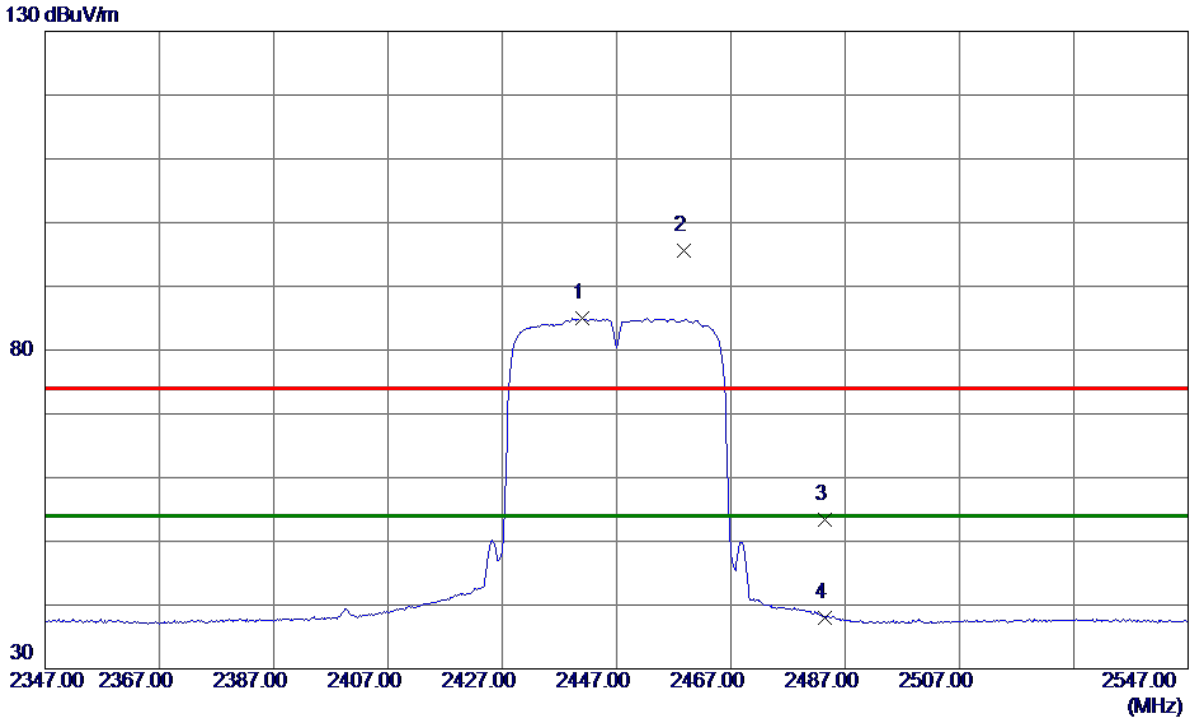
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

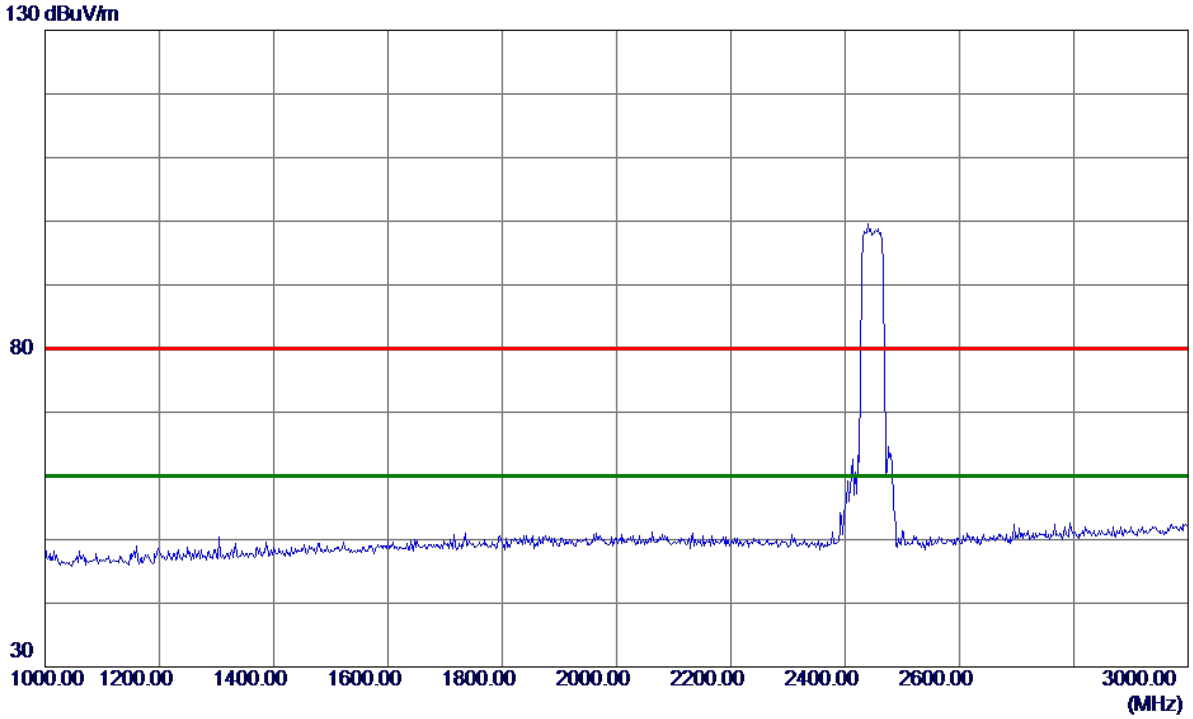
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2441.0000	75.97	8.98	84.95	54.00	30.95	AVG	No Limit
2	2458.8000	86.62	8.98	95.60	74.00	21.60	Peak	No Limit
3	2483.5000	44.48	8.97	53.45	74.00	-20.55	Peak	
4	2483.5000	29.06	8.97	38.03	54.00	-15.97	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

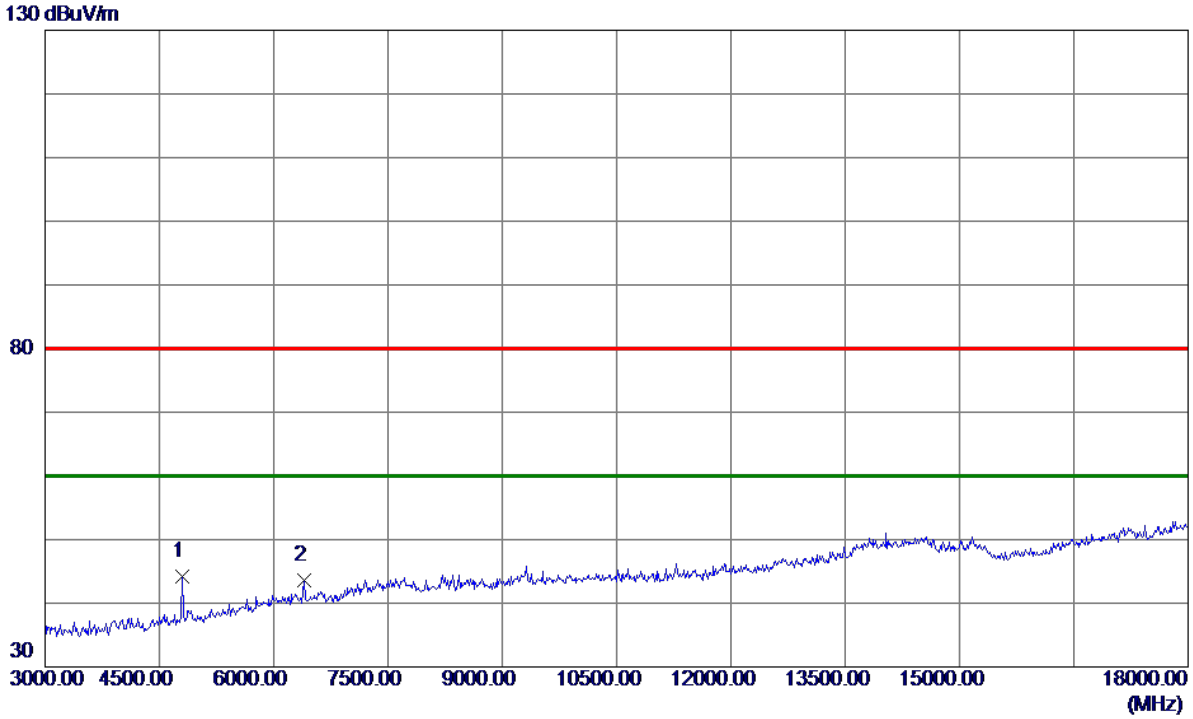
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

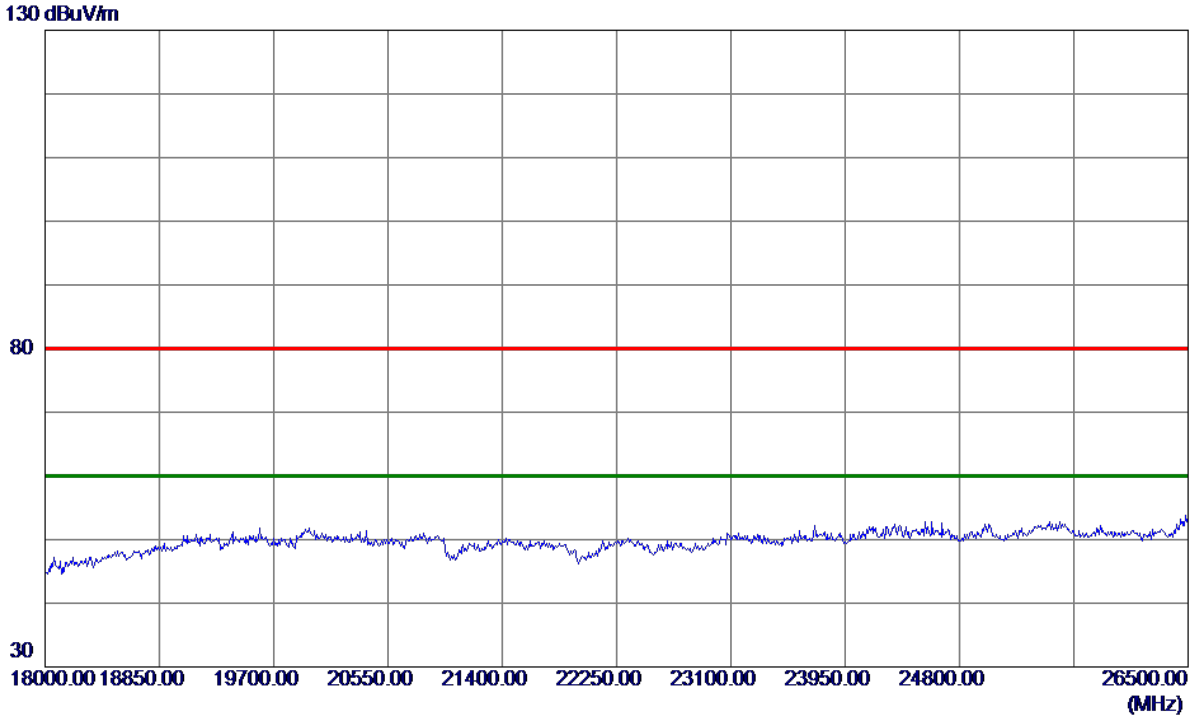
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4800.0000	38.52	5.72	44.24	80.00	-35.76	Peak	
2	6405.0000	33.53	10.01	43.54	80.00	-36.46	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

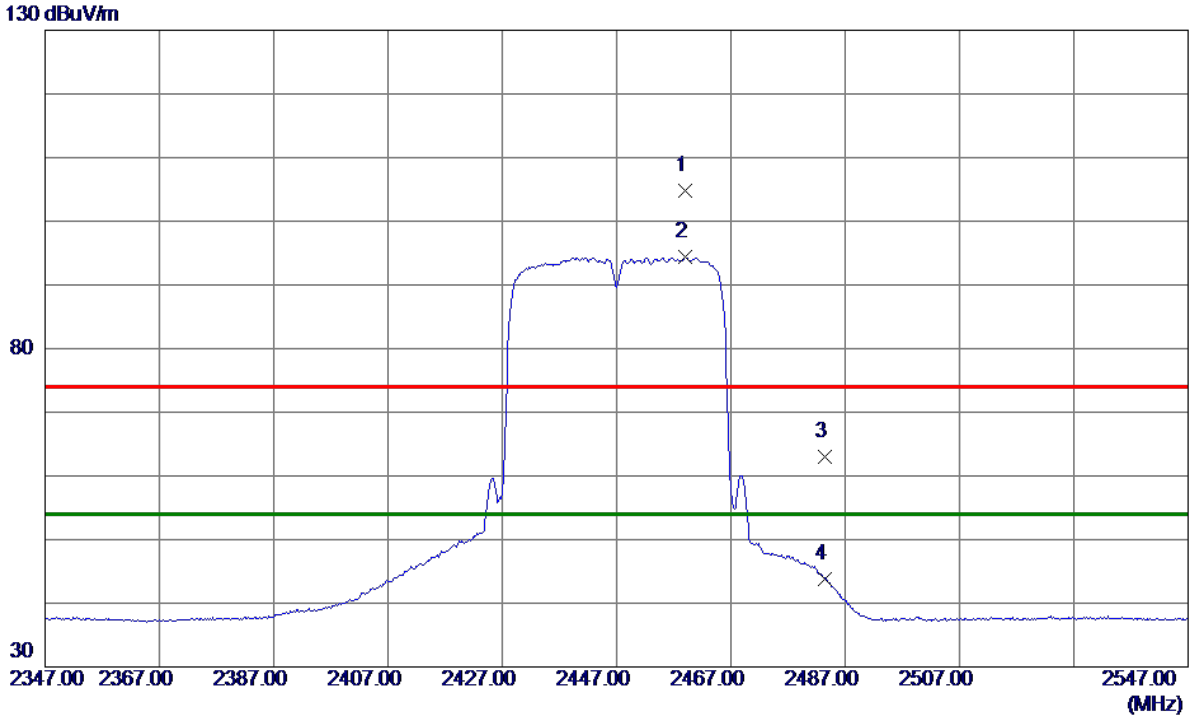
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

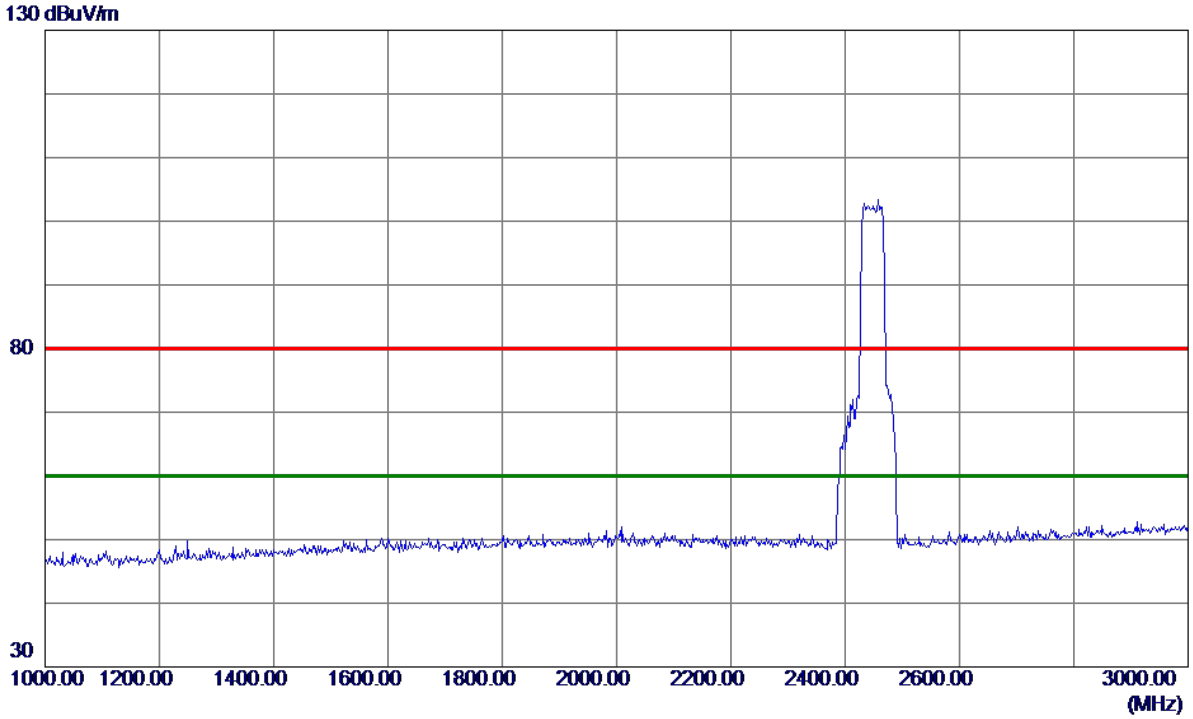
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2459.0000	95.84	8.98	104.82	74.00	30.82	Peak	No Limit
2 *	2459.0000	85.35	8.98	94.33	54.00	40.33	AVG	No Limit
3	2483.5000	54.10	8.97	63.07	74.00	-10.93	Peak	
4	2483.5000	34.82	8.97	43.79	54.00	-10.21	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

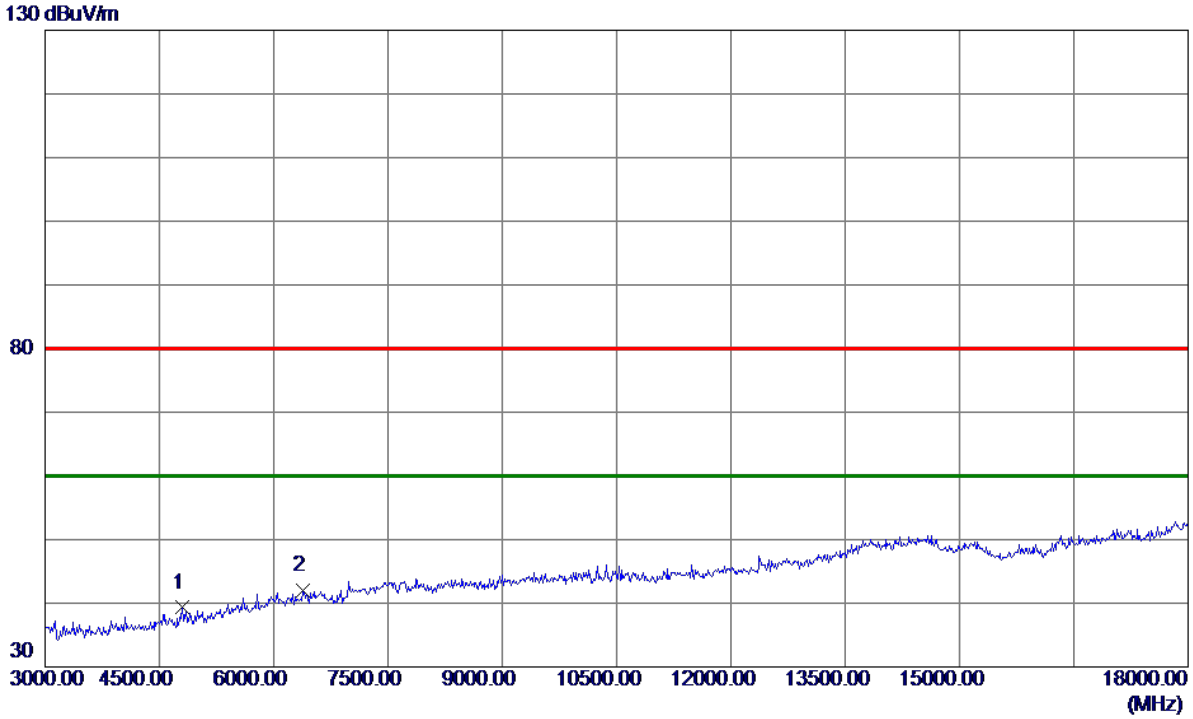
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

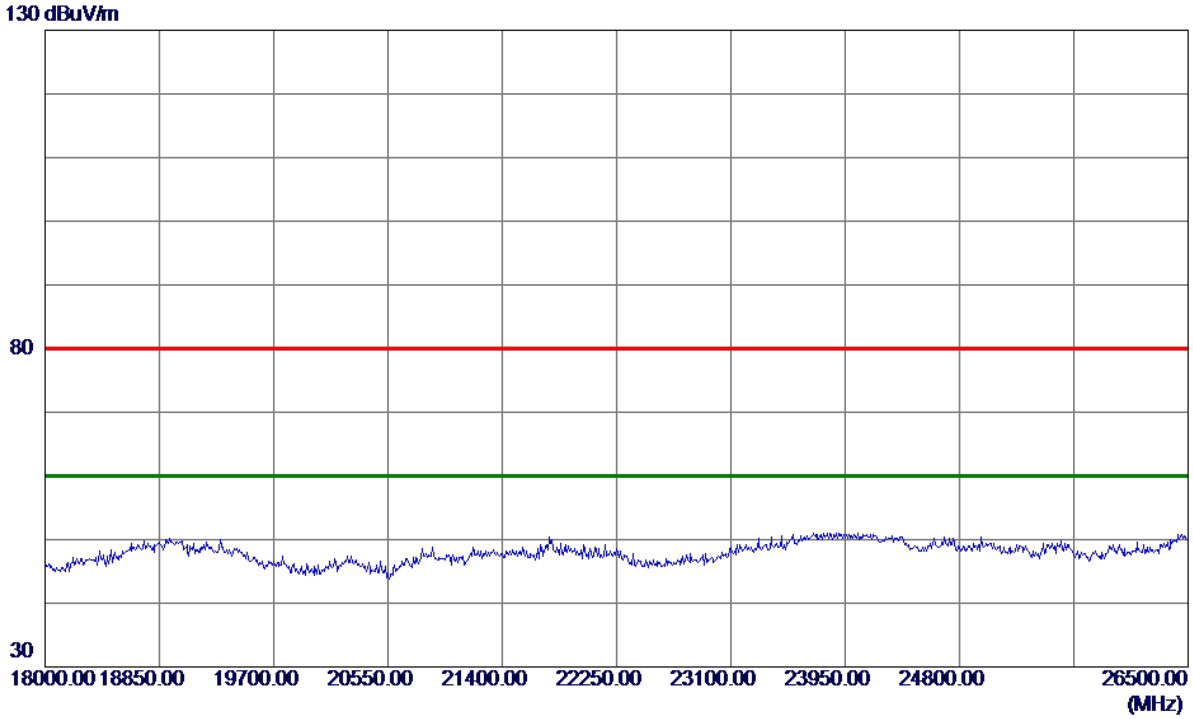
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4800.0000	33.58	5.72	39.30	80.00	-40.70	Peak	
2 *	6390.0000	32.03	9.98	42.01	80.00	-37.99	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

Horizontal



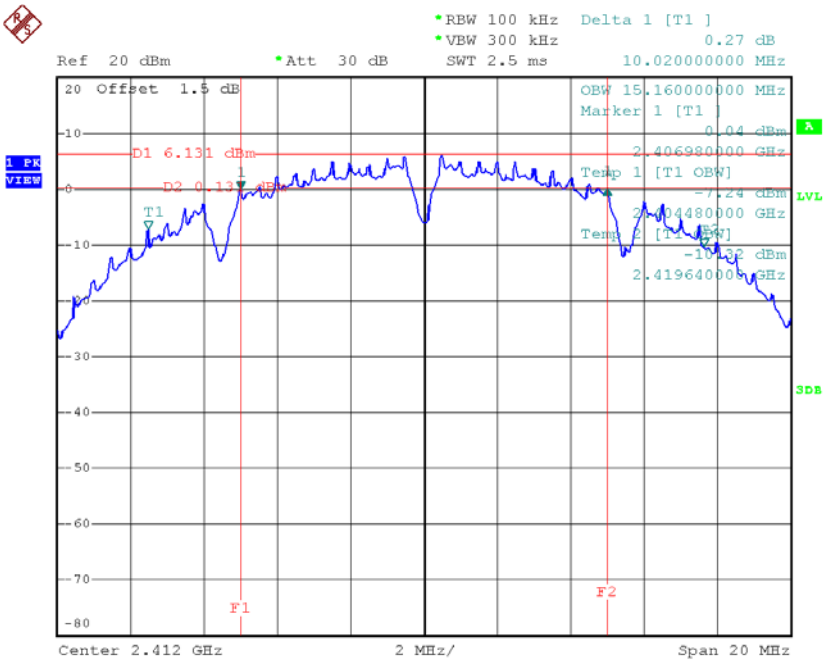
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

APPENDIX E - BANDWIDTH

Test Mode : TX B Mode_CH01/05/10

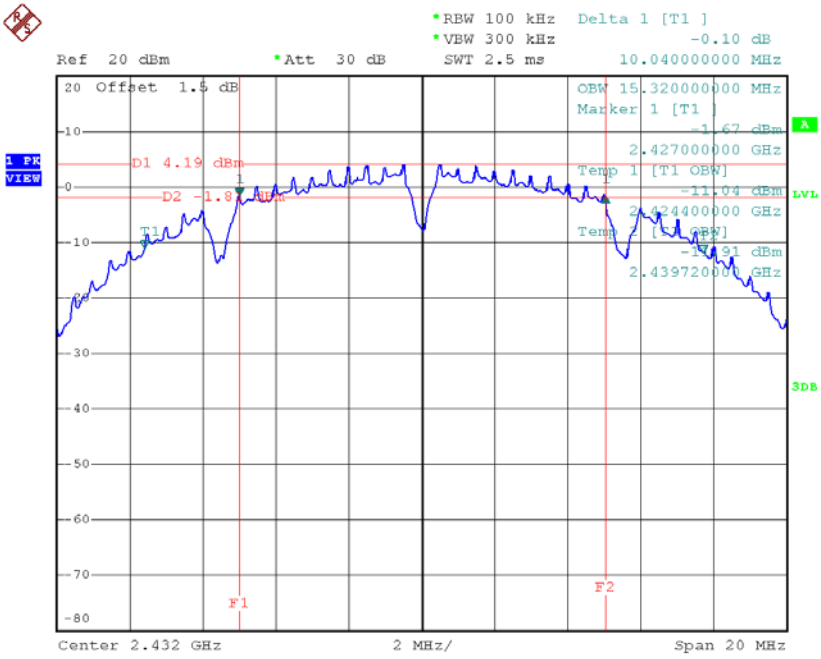
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.02	15.16	500	Complies
2432	10.04	15.32	500	Complies
2457	9.12	15.08	500	Complies

TX CH01



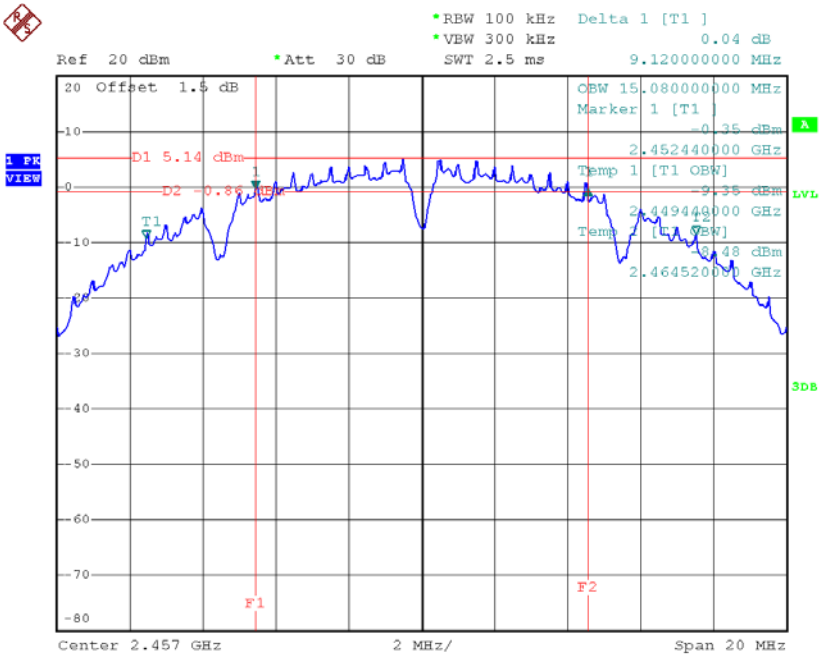
Date: 23.APR.2018 10:23:26

TX CH05



Date: 23.APR.2018 11:13:14

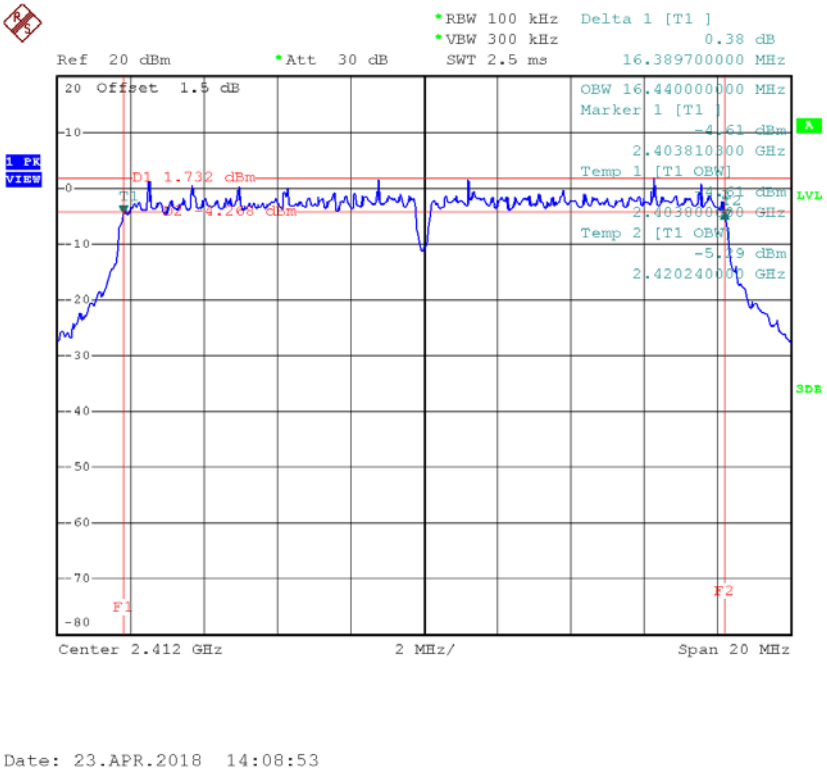
TX CH10



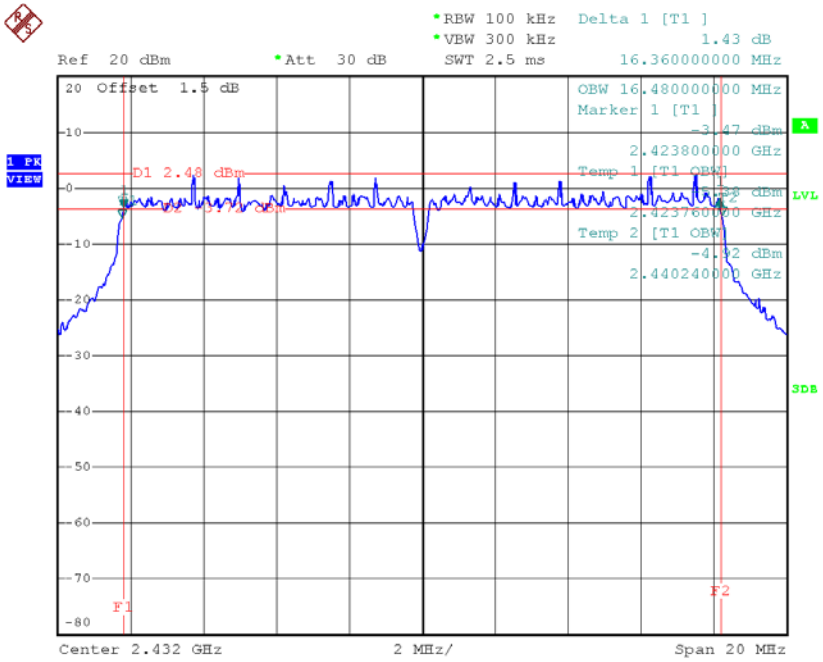
Date: 23.APR.2018 13:57:06

Test Mode: TX G Mode_CH01/05/10				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.39	16.44	500	Complies
2432	16.36	16.48	500	Complies
2457	16.32	16.48	500	Complies

TX CH01

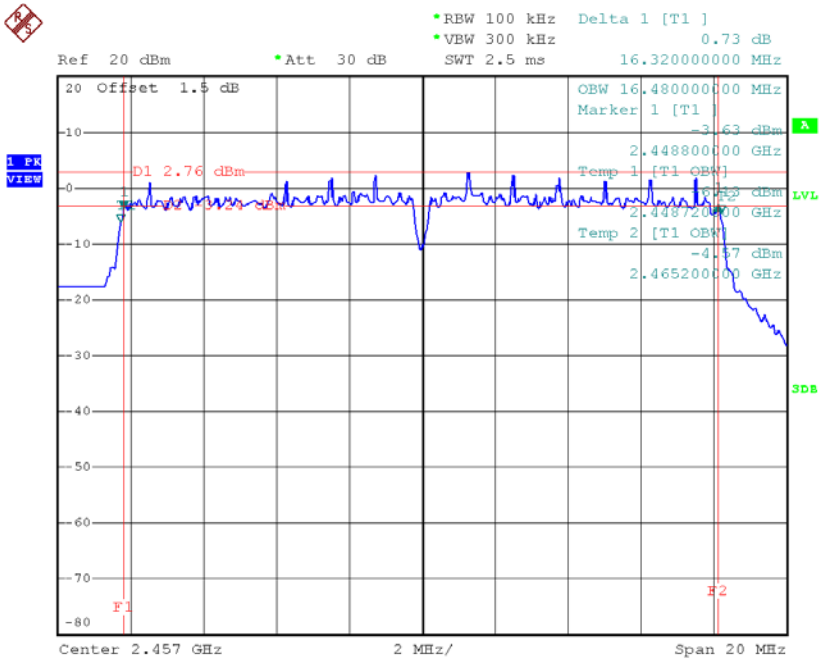


TX CH05



Date: 23.APR.2018 13:53:28

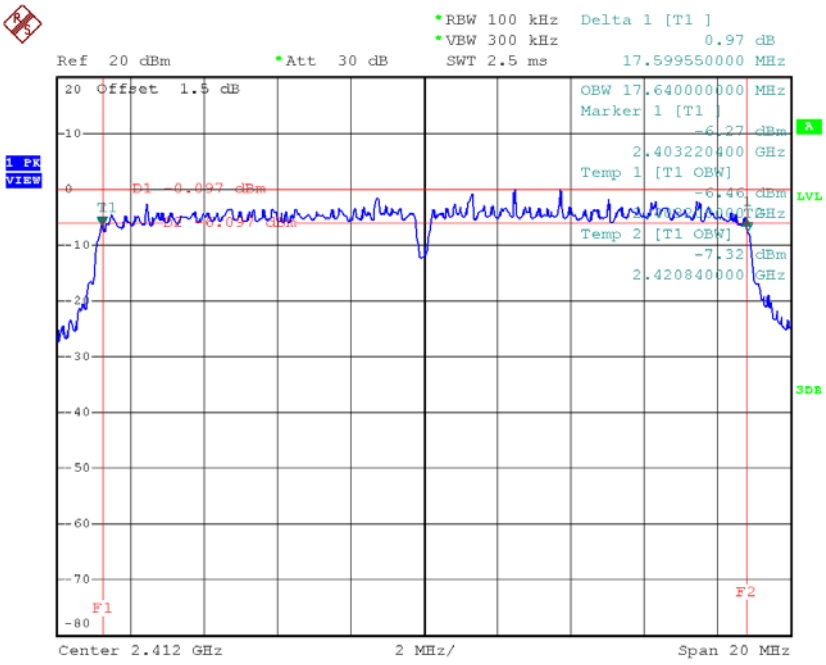
TX CH10



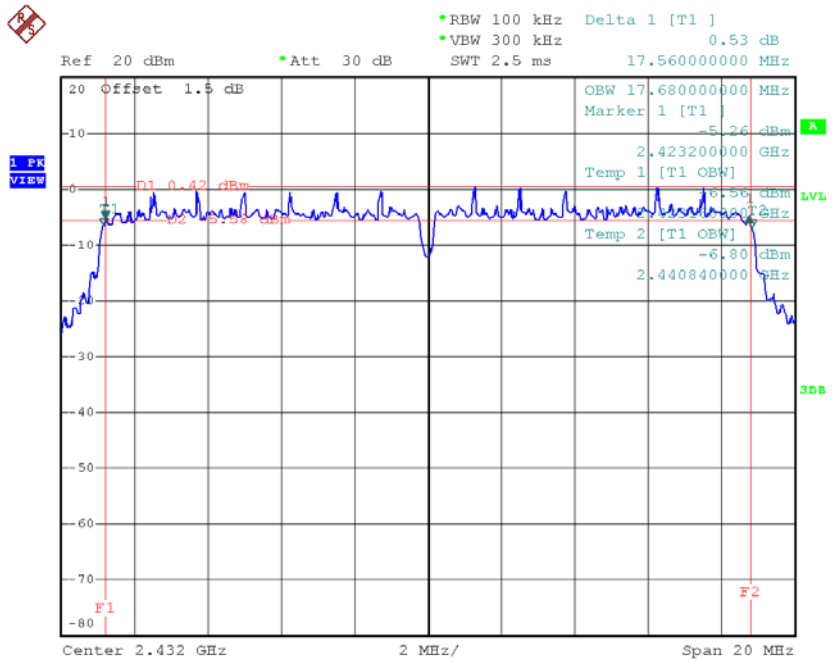
Date: 23.APR.2018 13:51:39

Test Mode : TX N-20MHz Mode_CH01/05/10				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.6	17.64	500	Complies
2432	17.56	17.68	500	Complies
2457	16.84	17.64	500	Complies

TX CH01

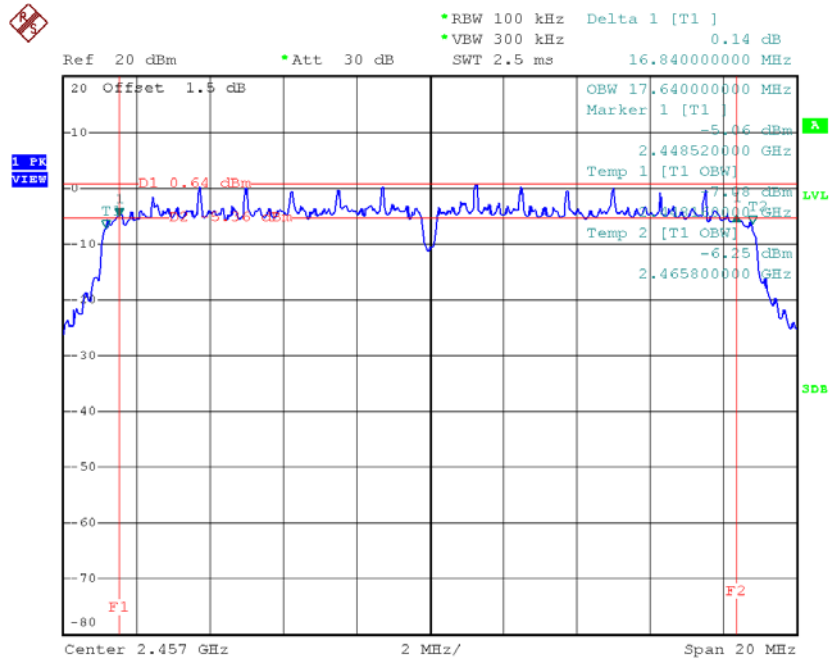


TX CH05



Date: 23.APR.2018 13:45:29

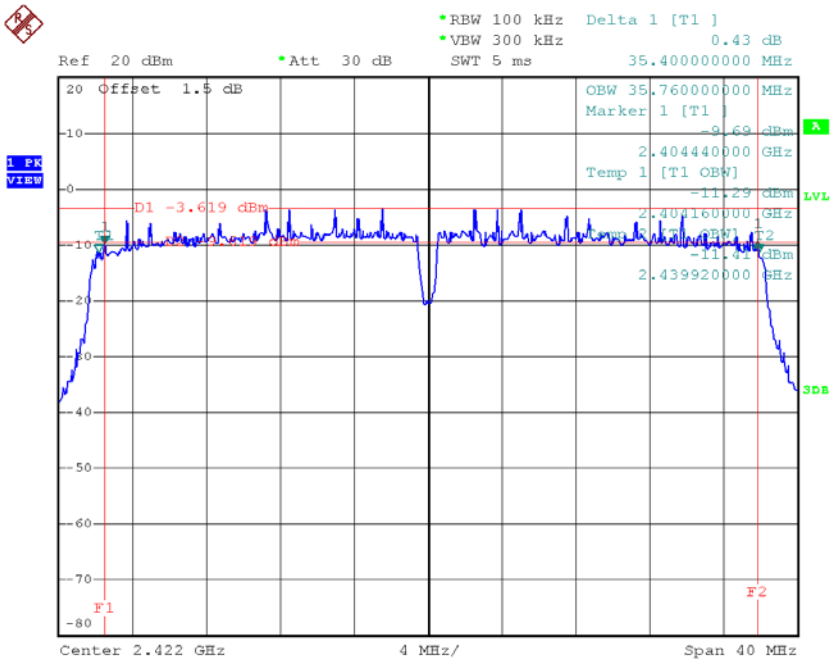
TX CH10



Date: 23.APR.2018 13:47:23

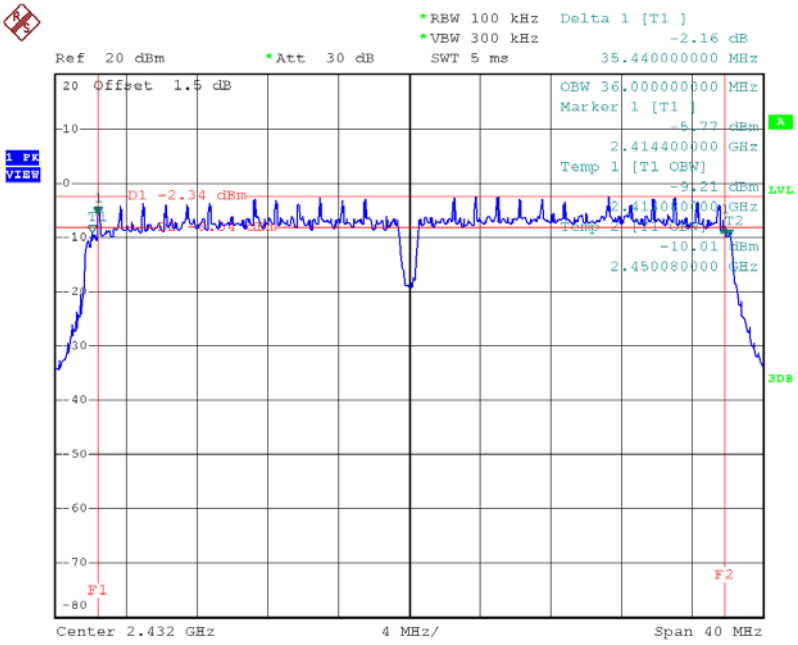
Test Mode : TX N-40MHz Mode_CH03/05/08				
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.4	35.76	500	Complies
2432	35.44	36	500	Complies
2447	35.2	35.76	500	Complies

TX CH03



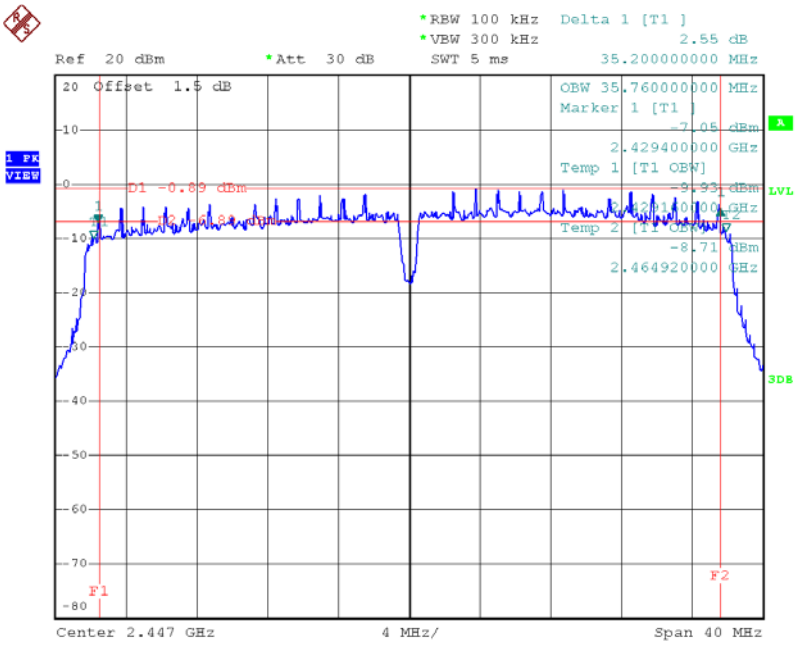
Date: 23.APR.2018 14:26:36

TX CH05



Date: 23.APR.2018 11:58:51

TX CH08



Date: 23.APR.2018 11:55:06

APPENDIX F - MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/05/10					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	17.81	0.06	30.00	1.00	Complies
2432	17.71	0.06	30.00	1.00	Complies
2457	17.99	0.06	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/05/10					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.59	0.29	30.00	1.00	Complies
2432	25.67	0.37	30.00	1.00	Complies
2457	24.78	0.30	30.00	1.00	Complies

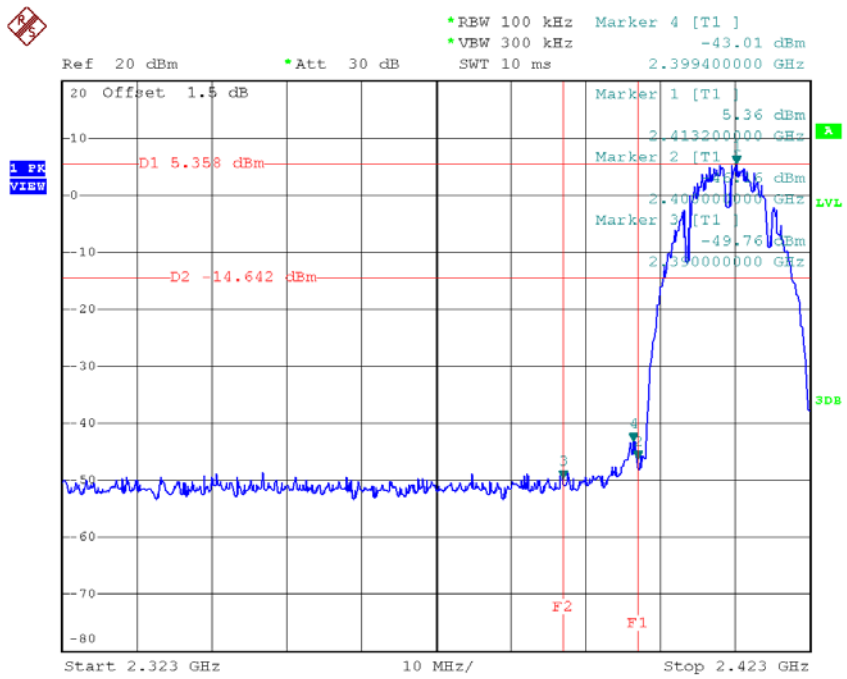
Test Mode :TX N20 Mode_CH01/05/10					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	23.24	0.21	30.00	1.00	Complies
2432	23.73	0.24	30.00	1.00	Complies
2457	22.79	0.19	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/05/08					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	24.07	0.26	30.00	1.00	Complies
2432	23.85	0.24	30.00	1.00	Complies
2447	24.16	0.26	30.00	1.00	Complies

APPENDIX G - ANTENNA CONDUCTED SPURIOUS EMISSION

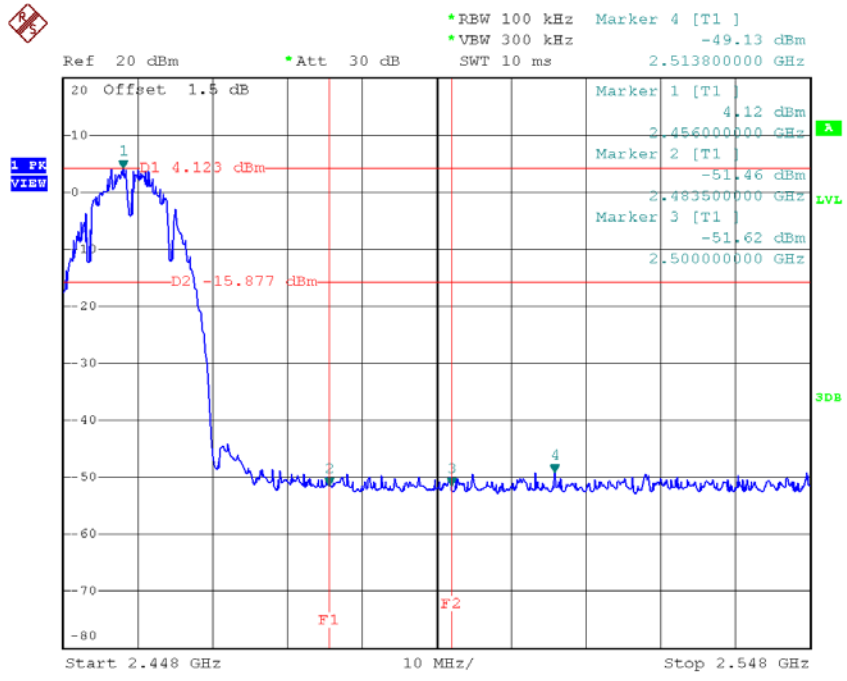
Test Mode :	TX B Mode

TX B mode CH01



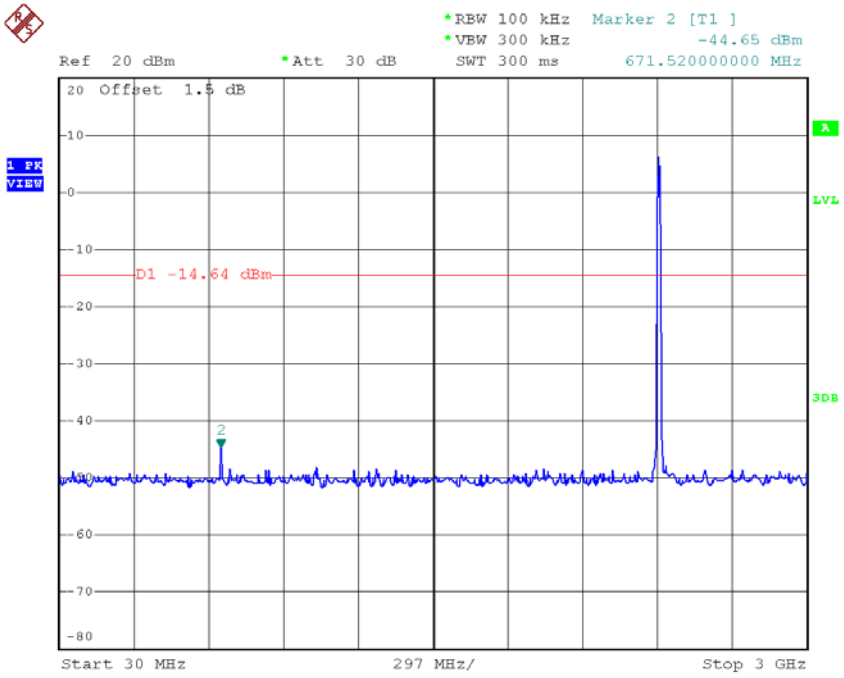
Date: 23.APR.2018 10:23:35

TX B mode CH10

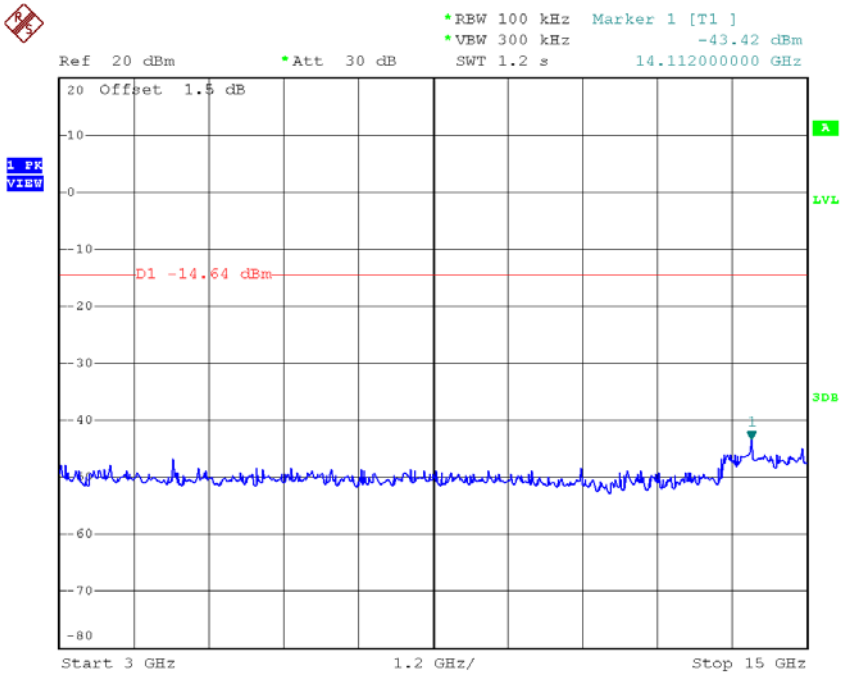


Date: 23.APR.2018 14:06:32

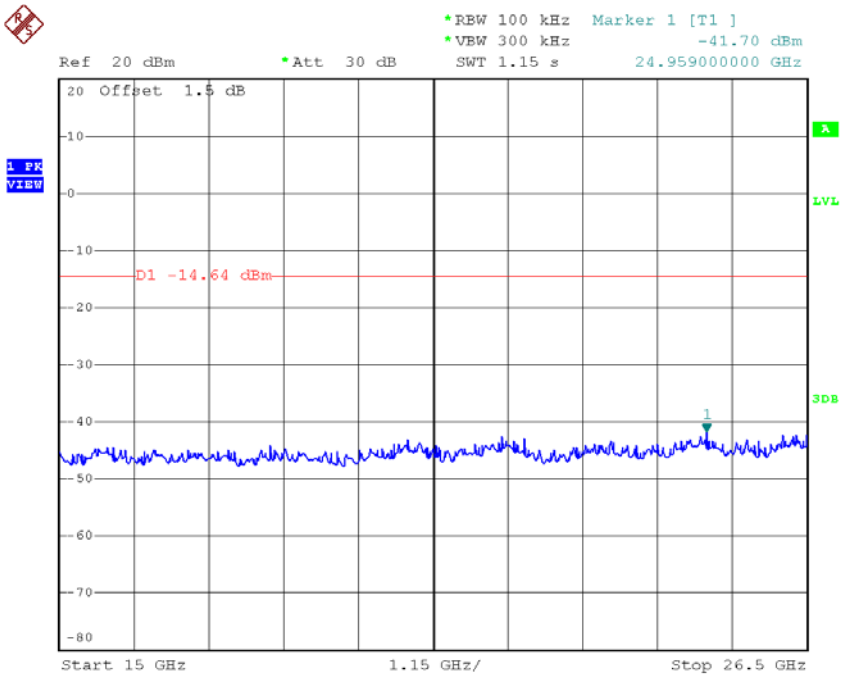
TX B mode CH01 (10 Harmonic of the frequency)



Date: 23.APR.2018 10:23:49

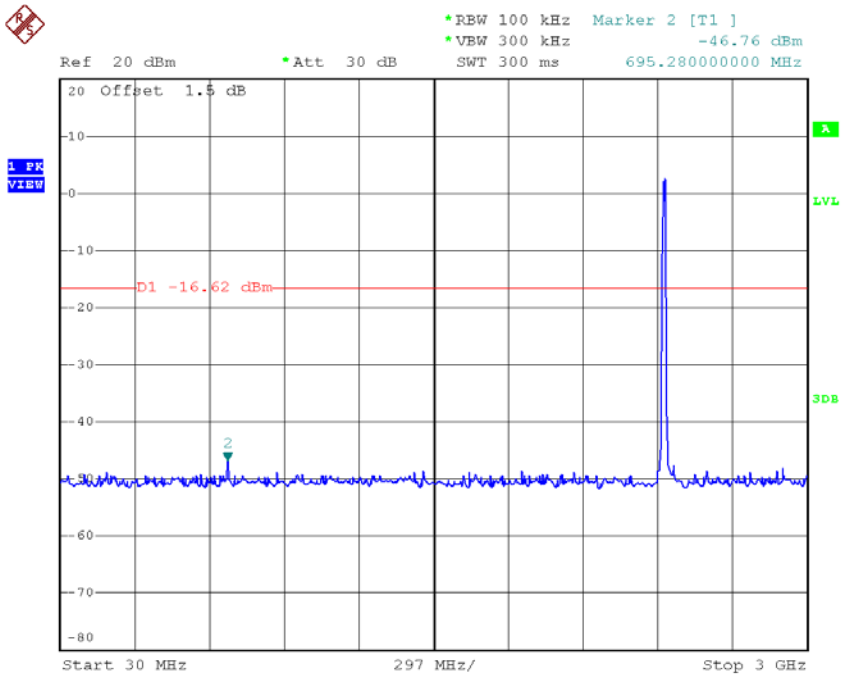


Date: 23.APR.2018 10:23:57

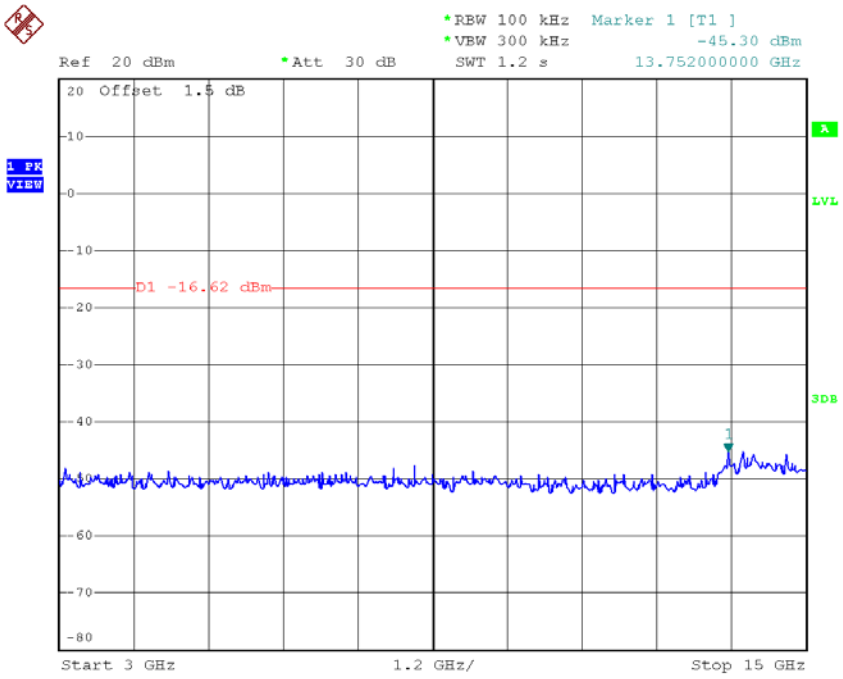


Date: 23.APR.2018 10:24:06

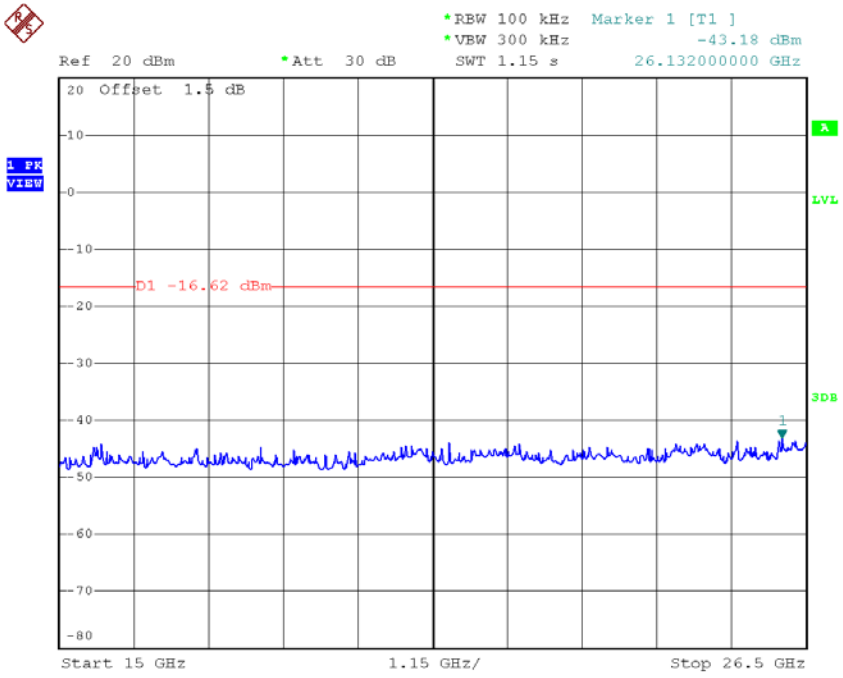
TX B mode CH05 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:05:53

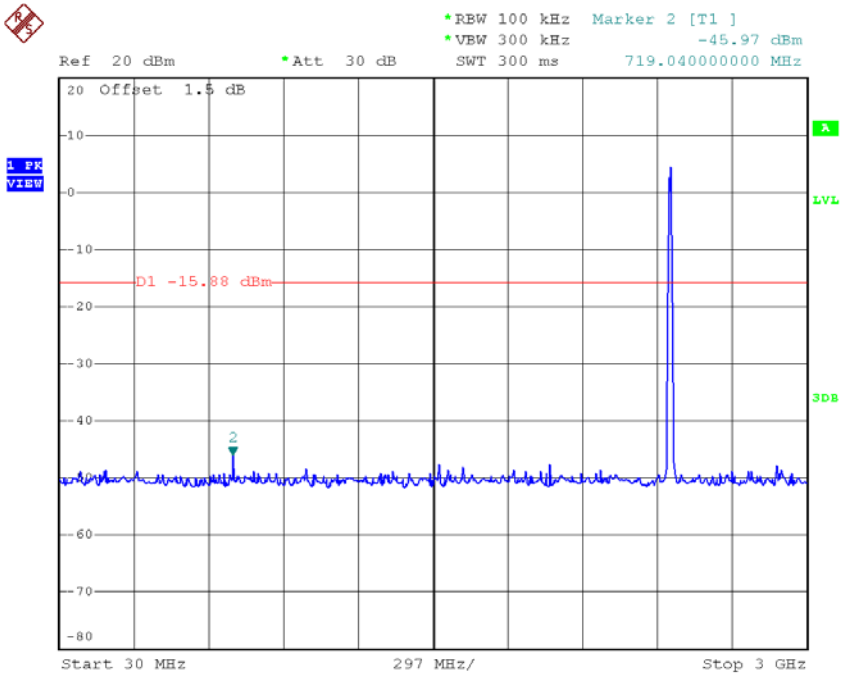


Date: 23.APR.2018 14:06:02

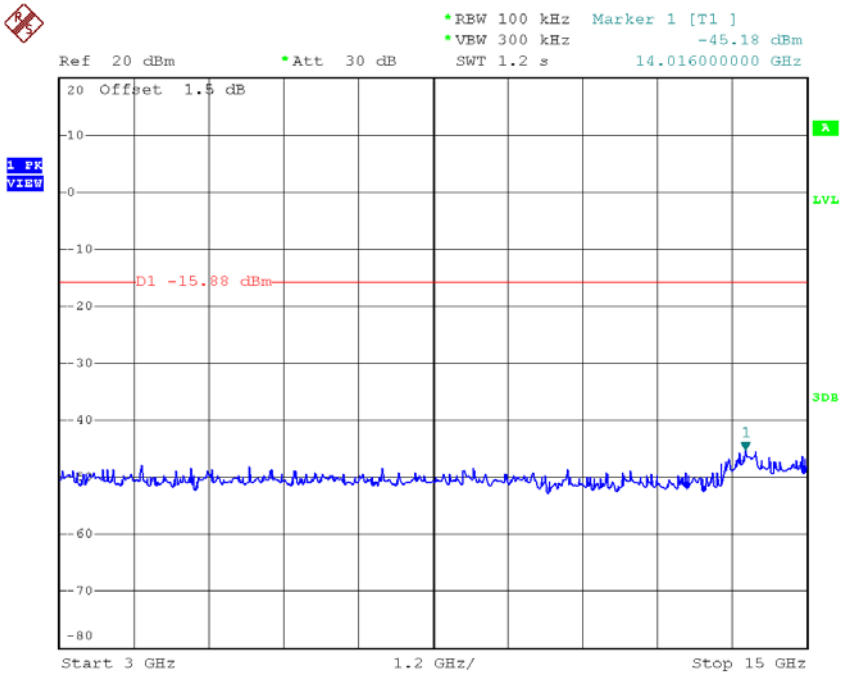


Date: 23.APR.2018 14:06:11

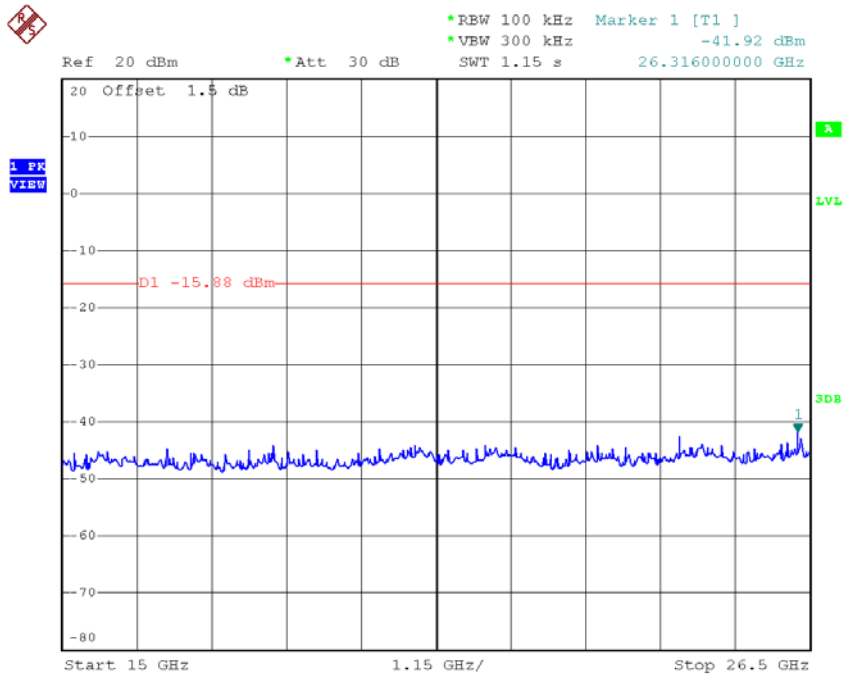
TX B mode CH10 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:06:47



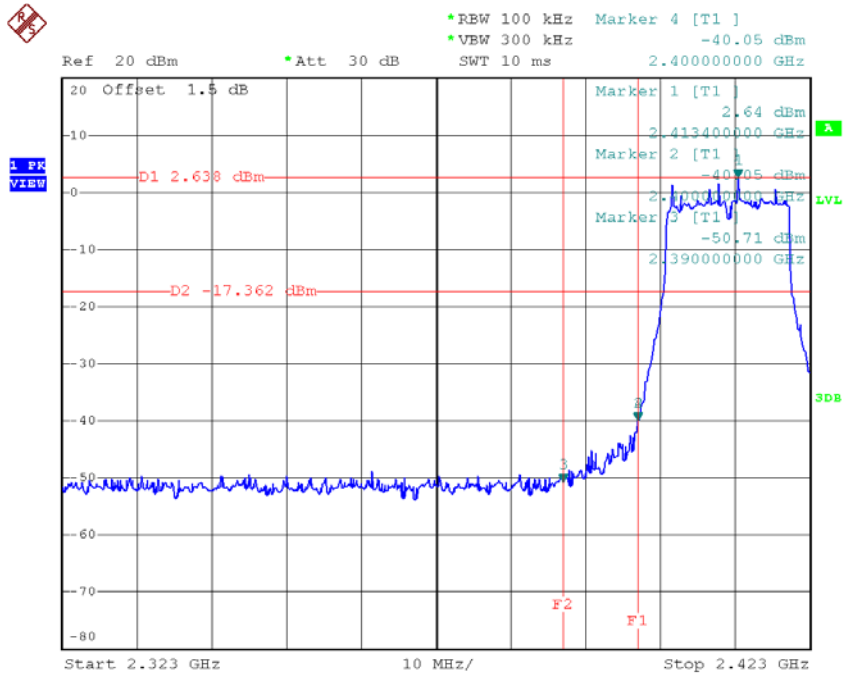
Date: 23.APR.2018 14:06:56



Date: 23.APR.2018 14:07:05

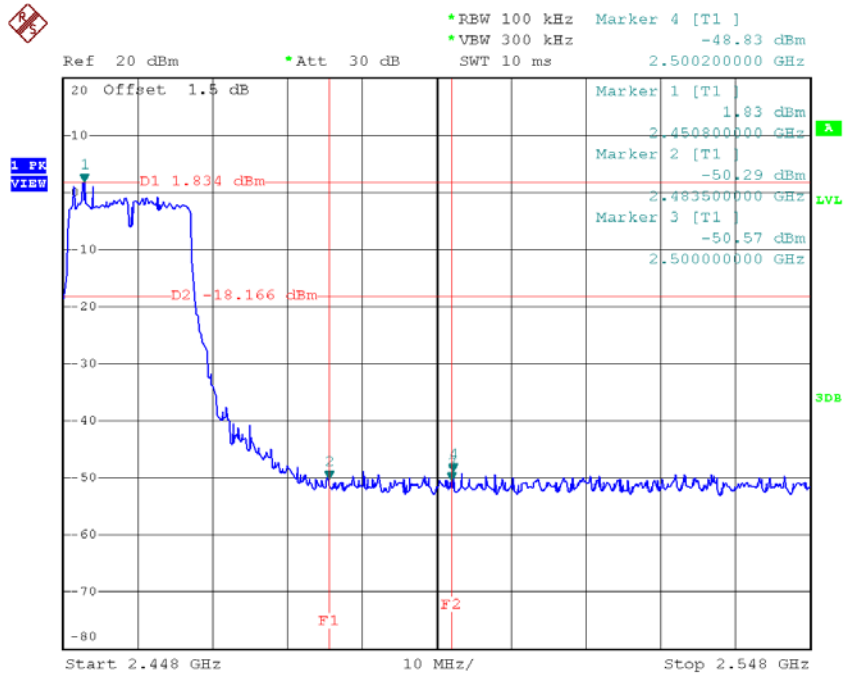
Test Mode :	TX G Mode

TX G mode CH01



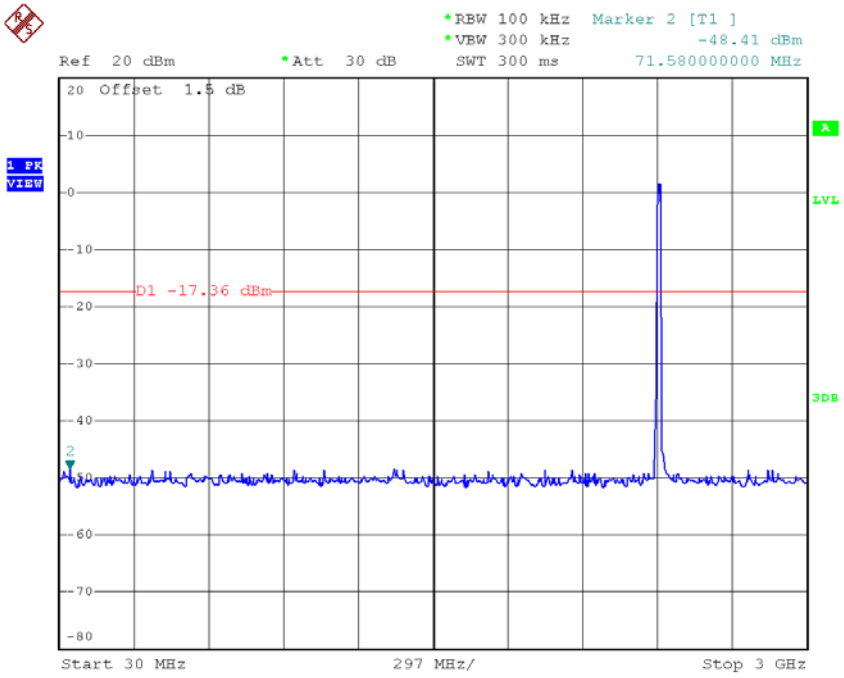
Date: 23.APR.2018 14:09:02

TX G mode CH10

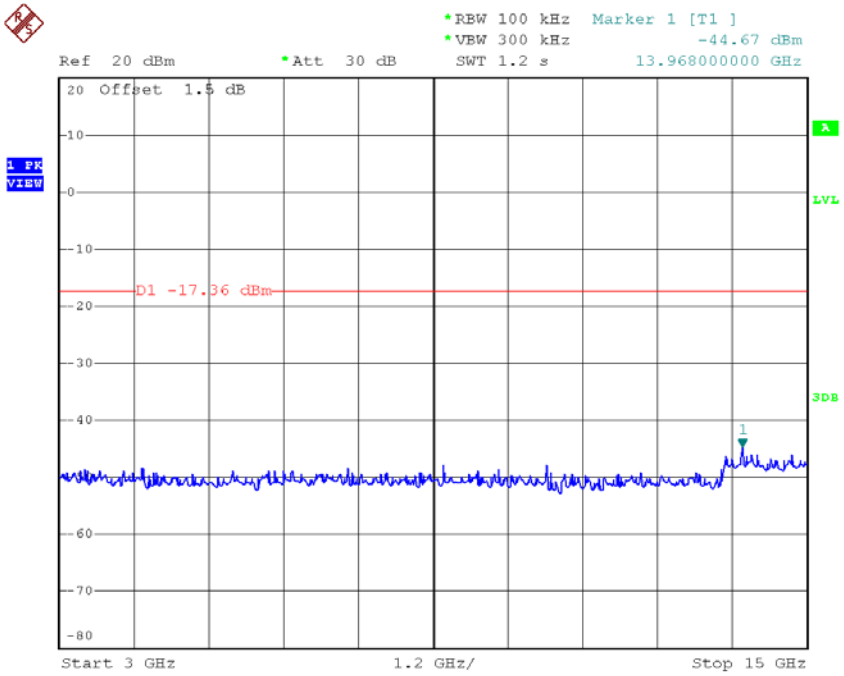


Date: 23.APR.2018 14:11:39

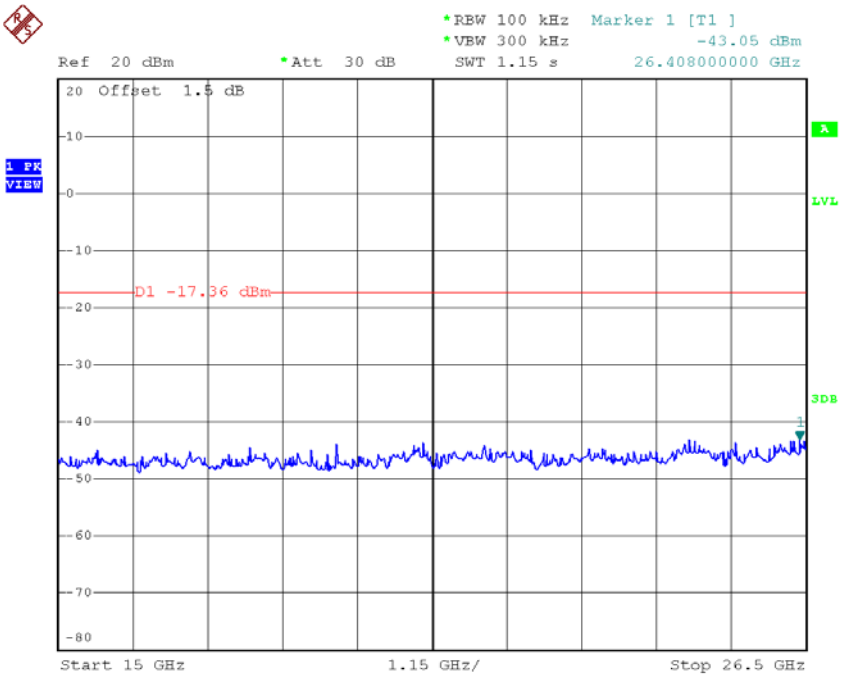
TX G mode CH01 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:09:17

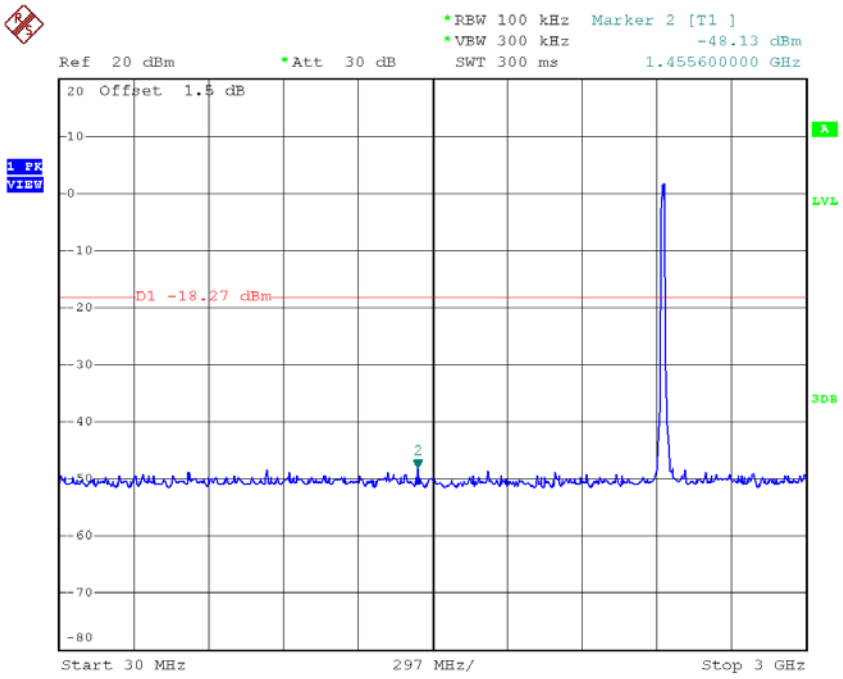


Date: 23.APR.2018 14:09:26

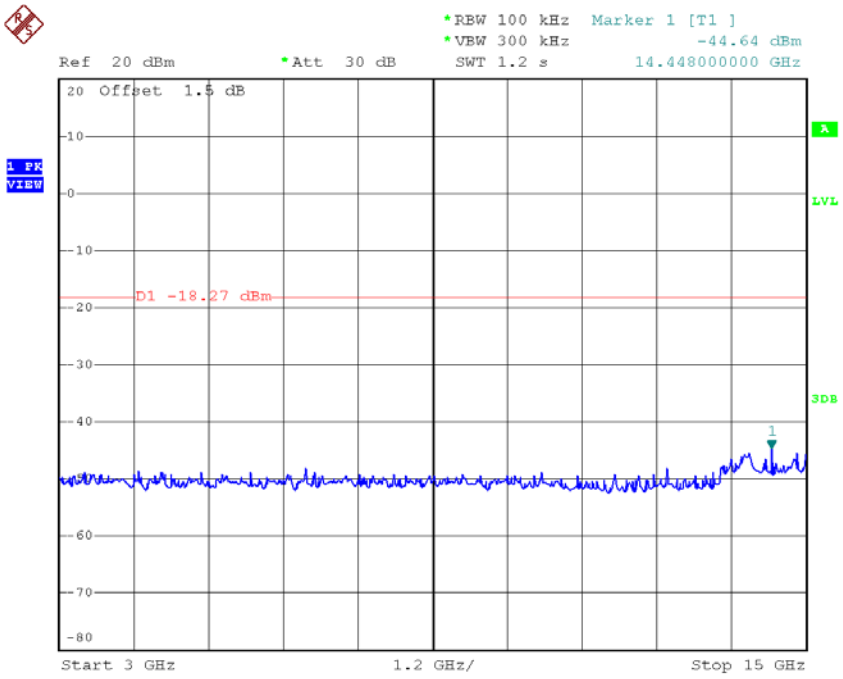


Date: 23.APR.2018 14:09:35

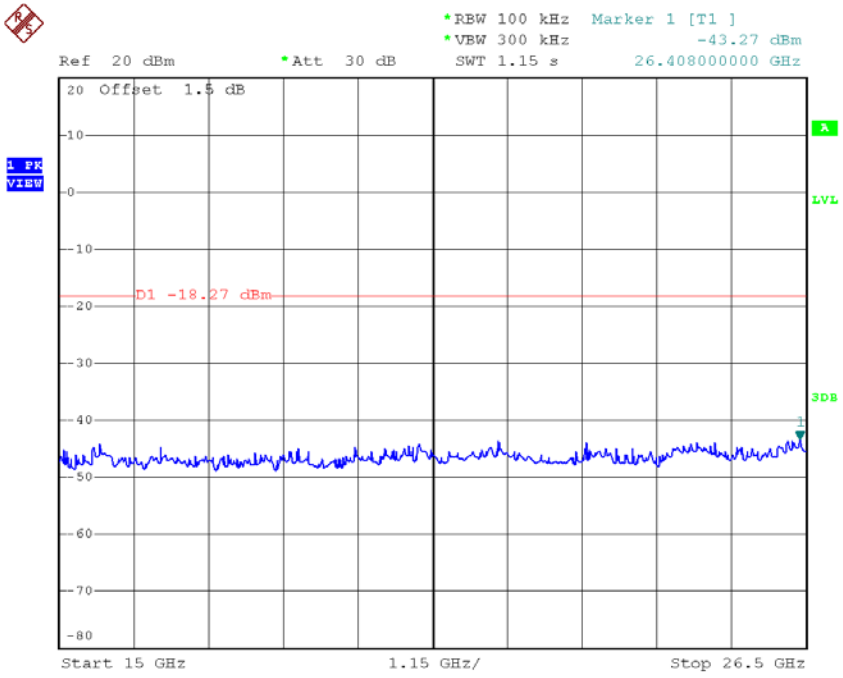
TX G mode CH05 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:10:17

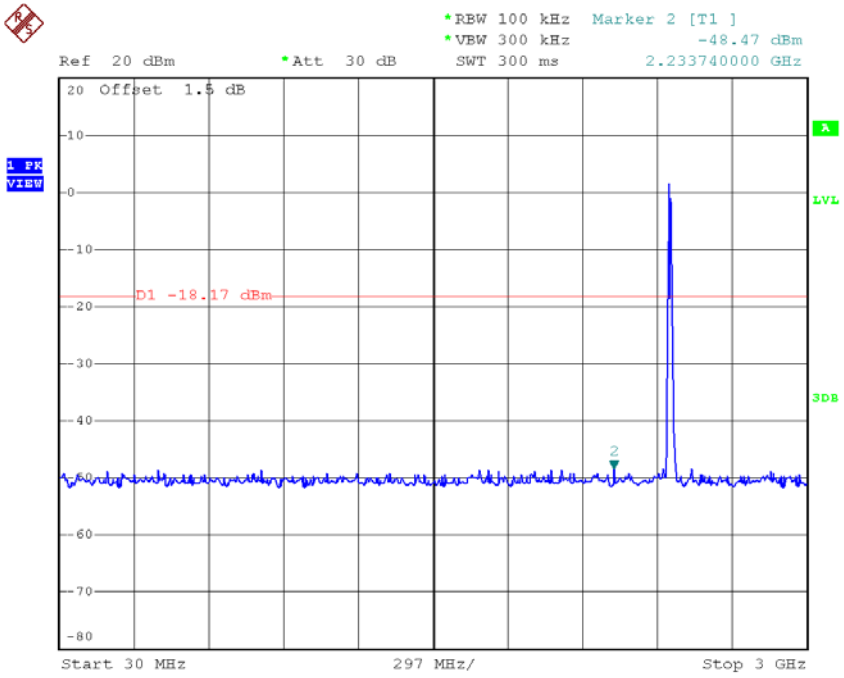


Date: 23.APR.2018 14:10:26

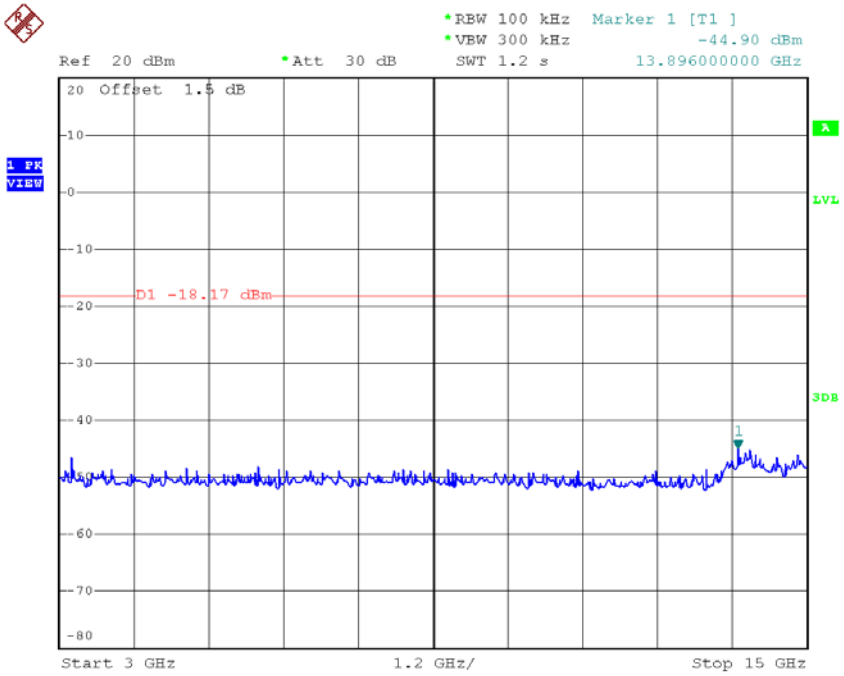


Date: 23.APR.2018 14:10:35

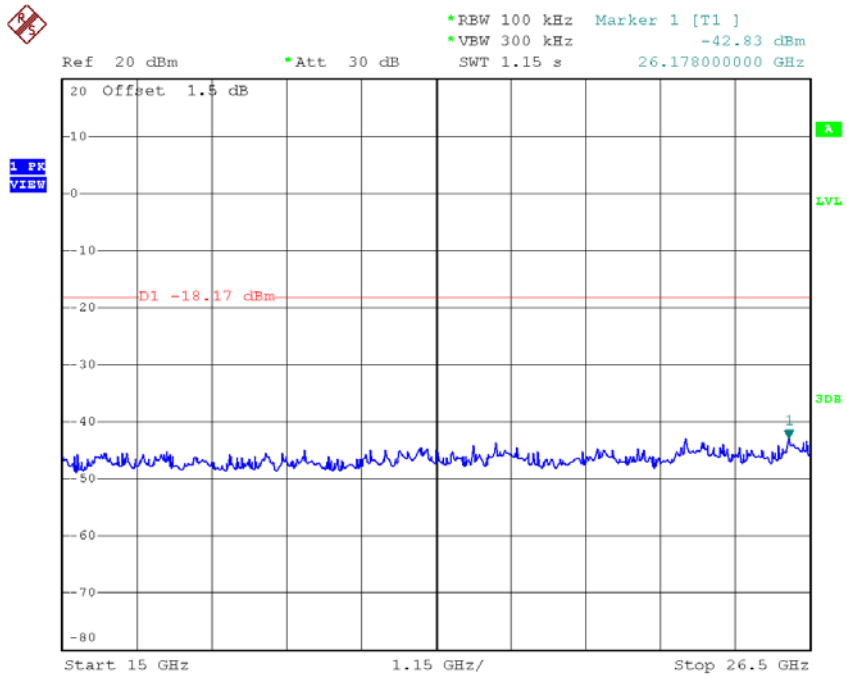
TX G mode CH10 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:11:54



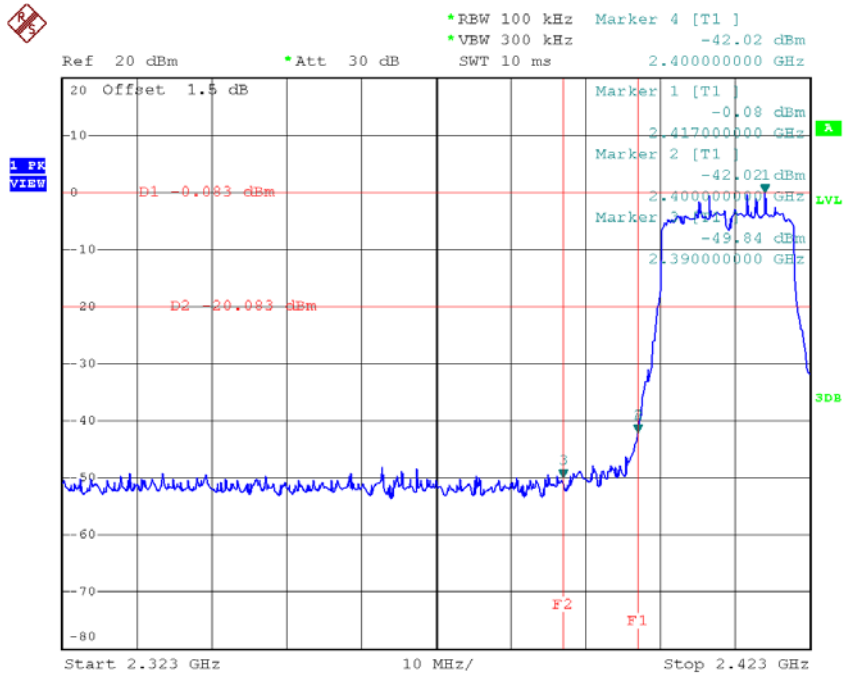
Date: 23.APR.2018 14:12:04



Date: 23.APR.2018 14:12:13

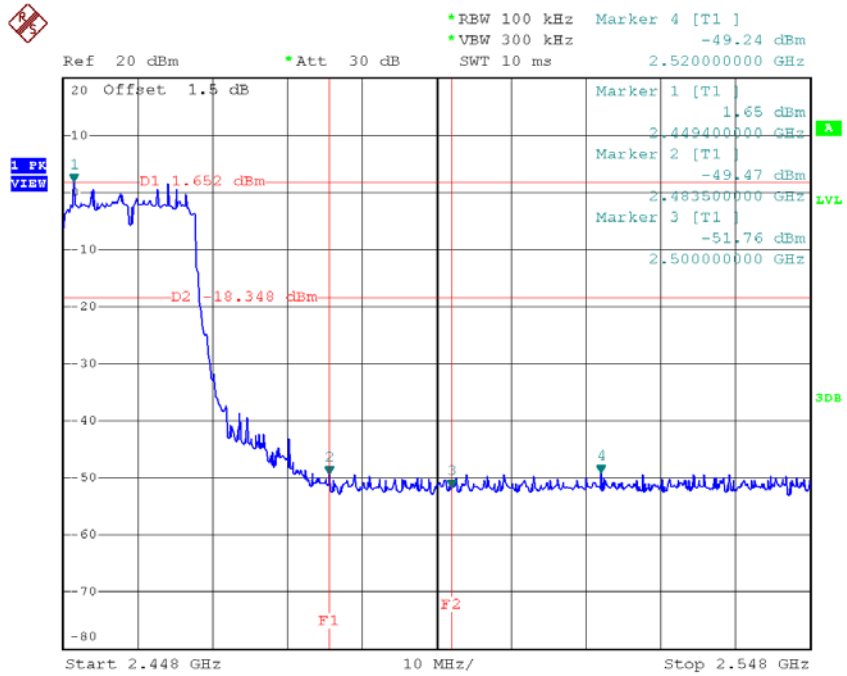
Test Mode :	TX N-20M Mode

TX HT20 mode CH01



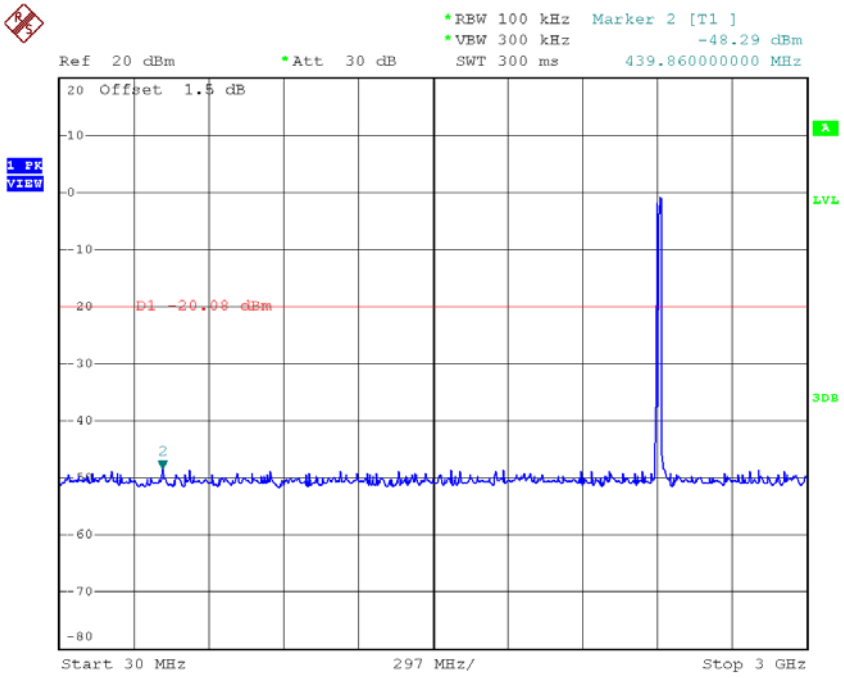
Date: 23.APR.2018 14:12:45

TX HT20 mode CH10

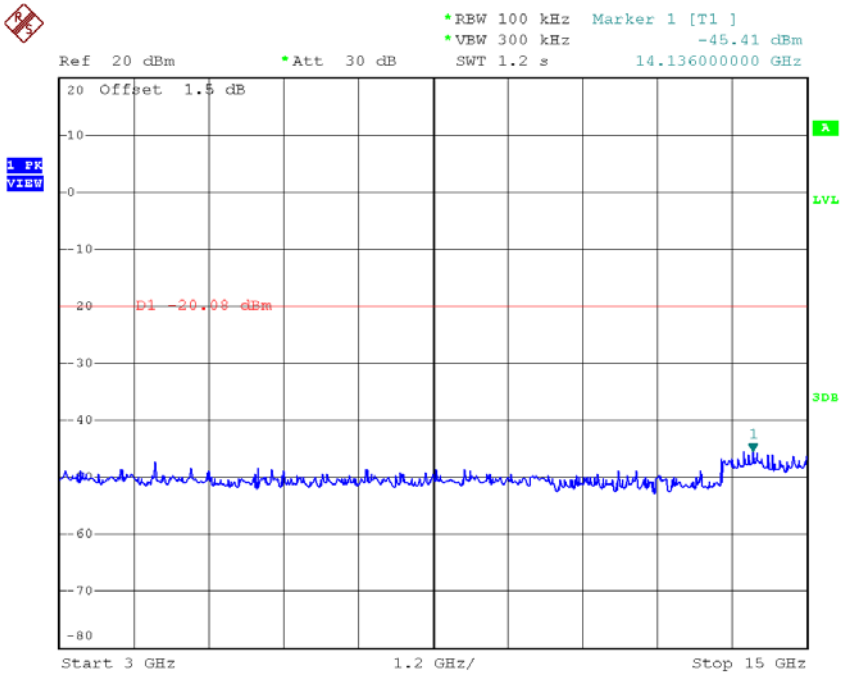


Date: 23.APR.2018 14:20:57

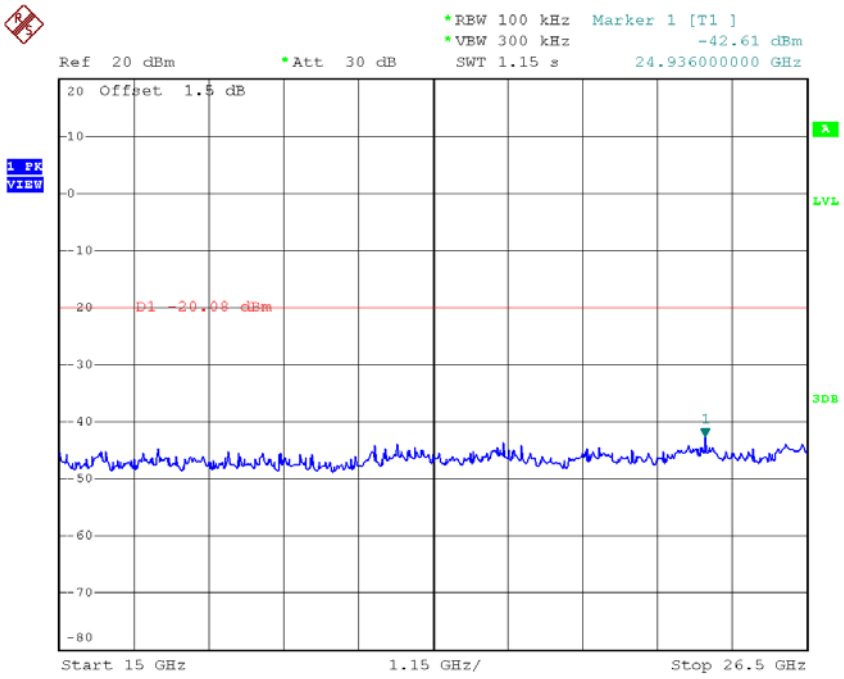
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:13:00

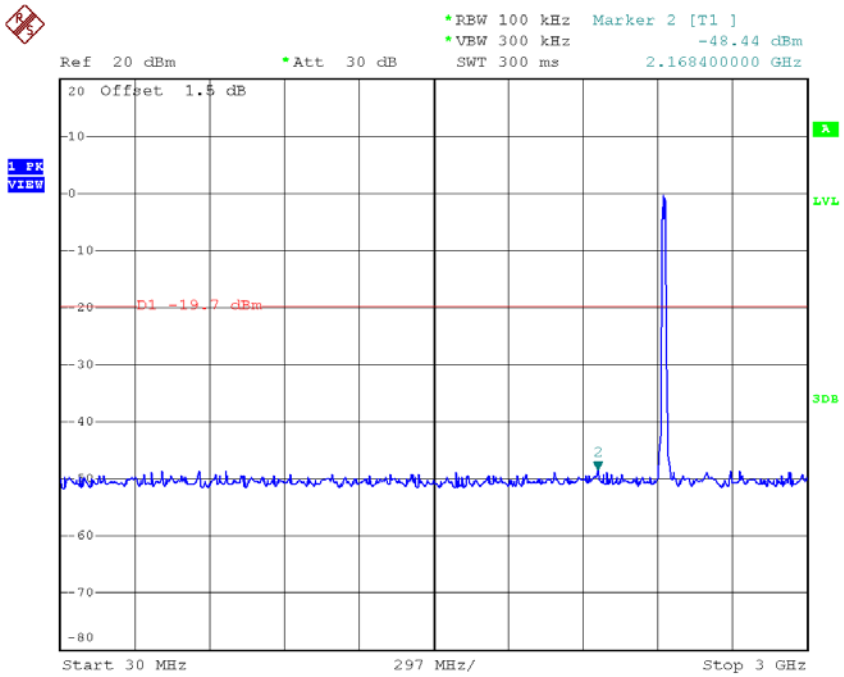


Date: 23.APR.2018 14:13:09

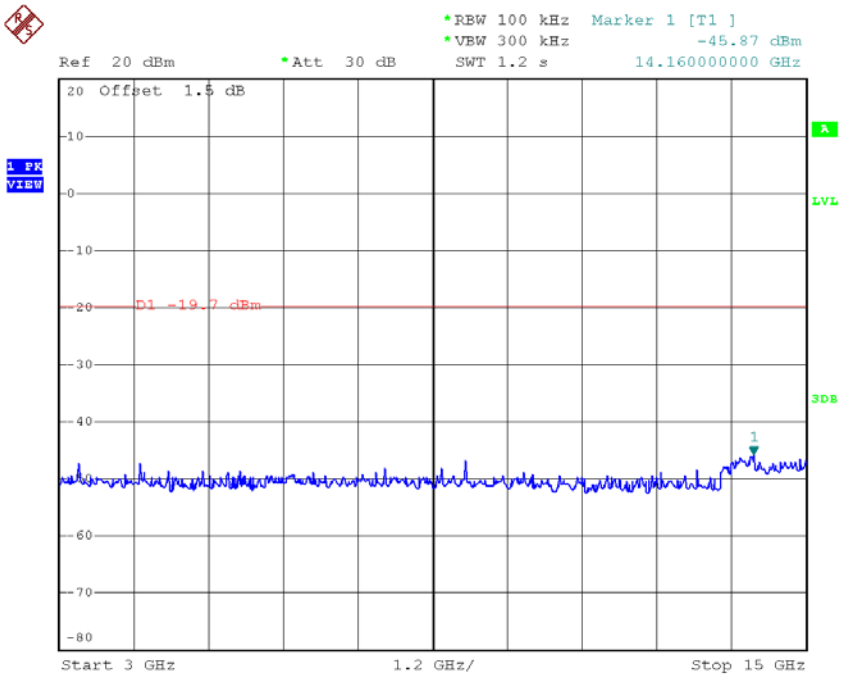


Date: 23.APR.2018 14:13:19

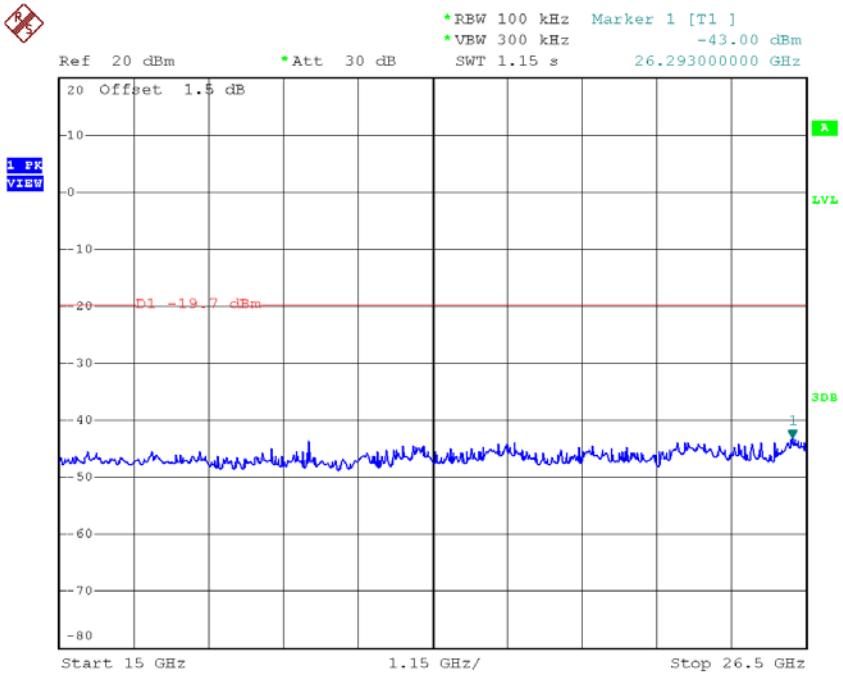
TX HT20 mode CH05 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:20:05

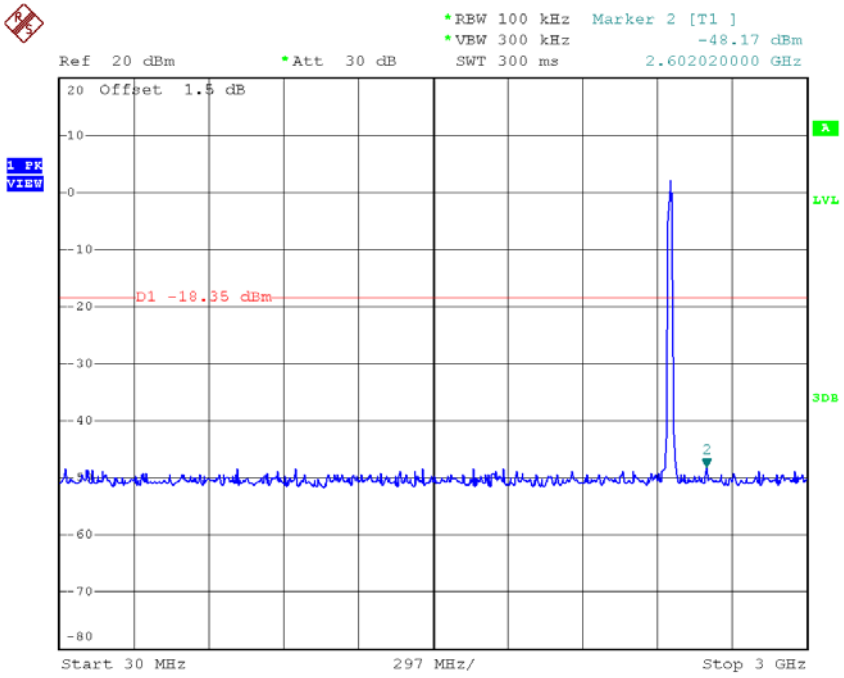


Date: 23.APR.2018 14:20:14

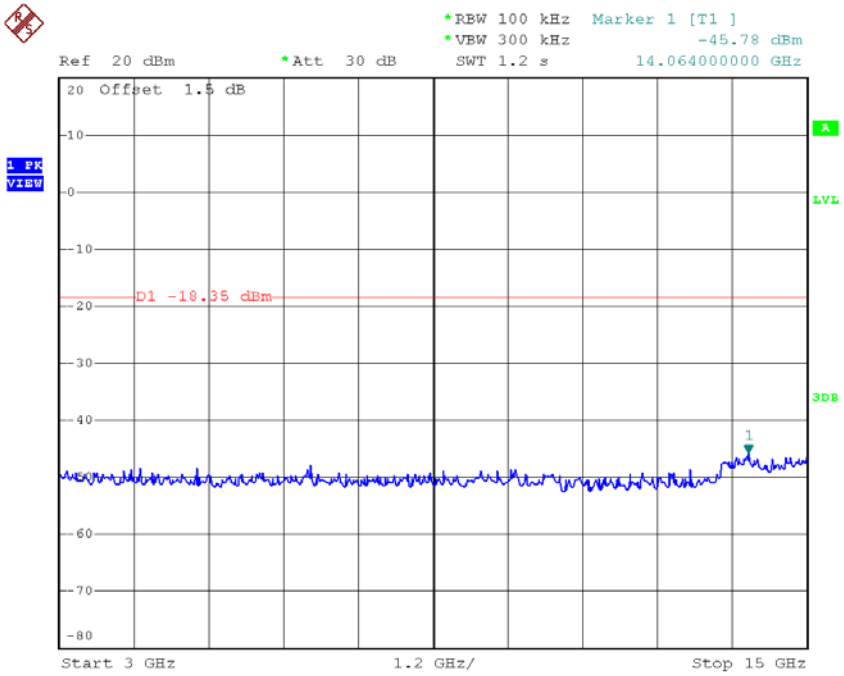


Date: 23.APR.2018 14:20:23

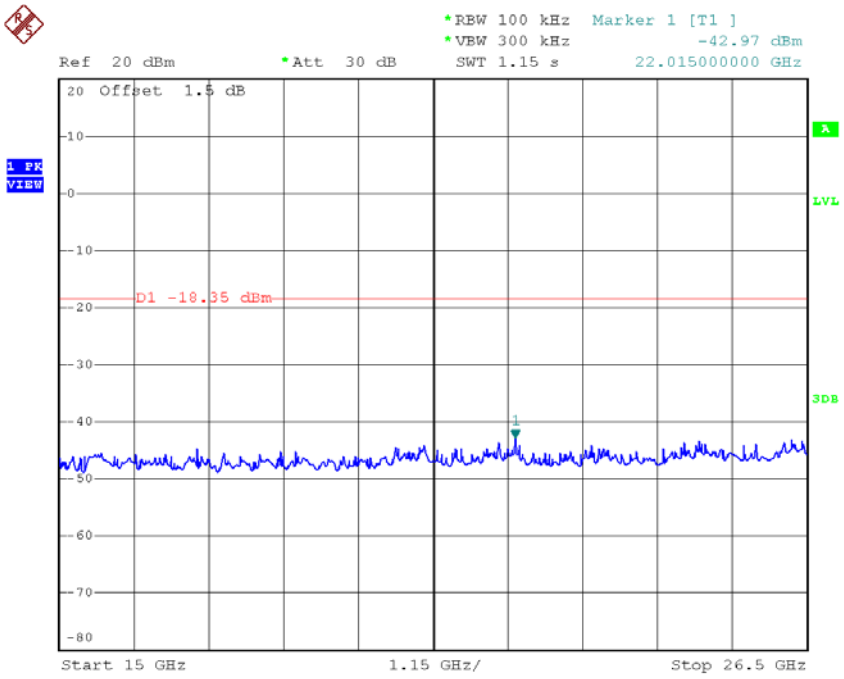
TX HT20 mode CH10 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:21:11



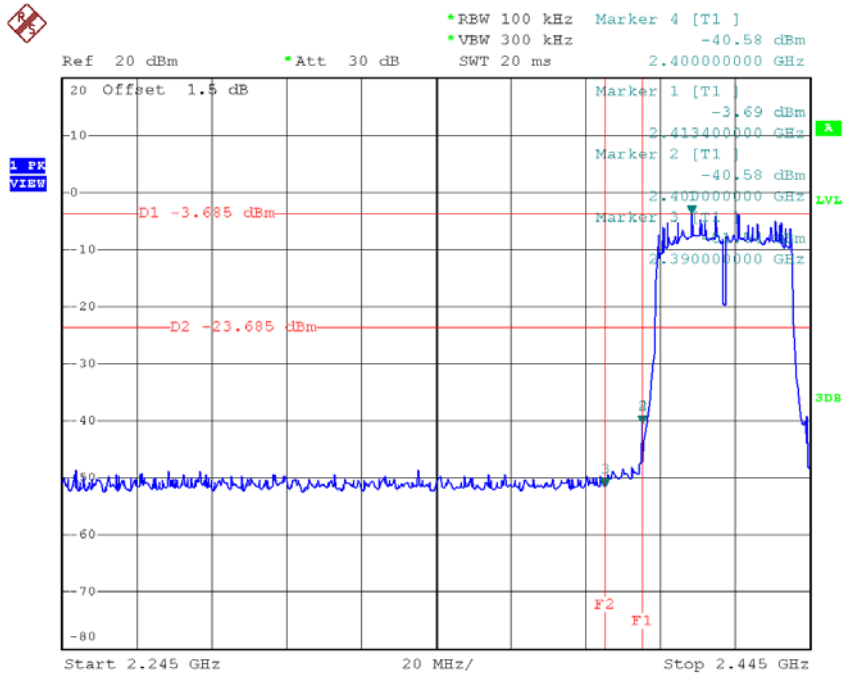
Date: 23.APR.2018 14:21:21



Date: 23.APR.2018 14:21:30

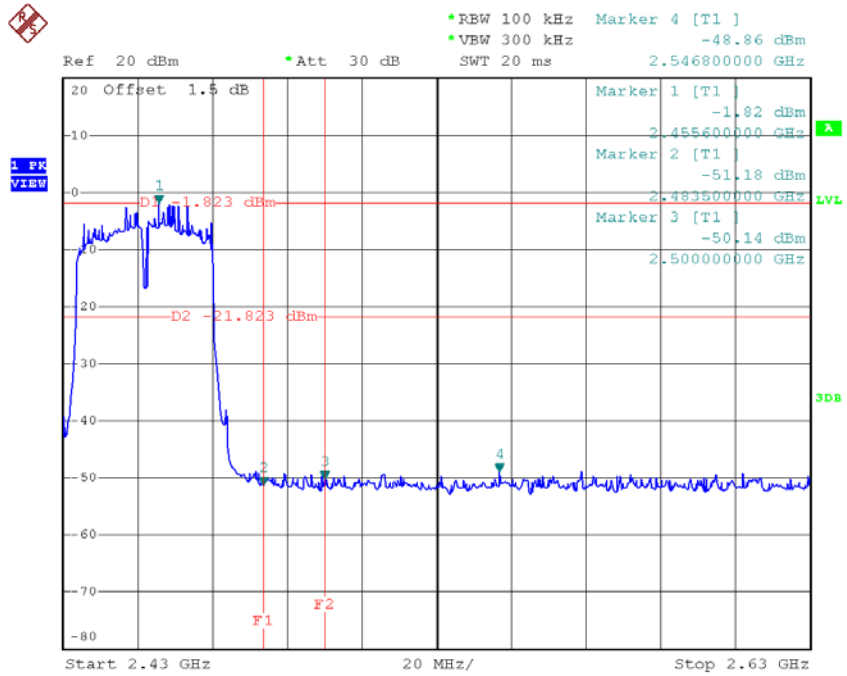
Test Mode :	TX N-40M Mode

TX HT40 mode CH03



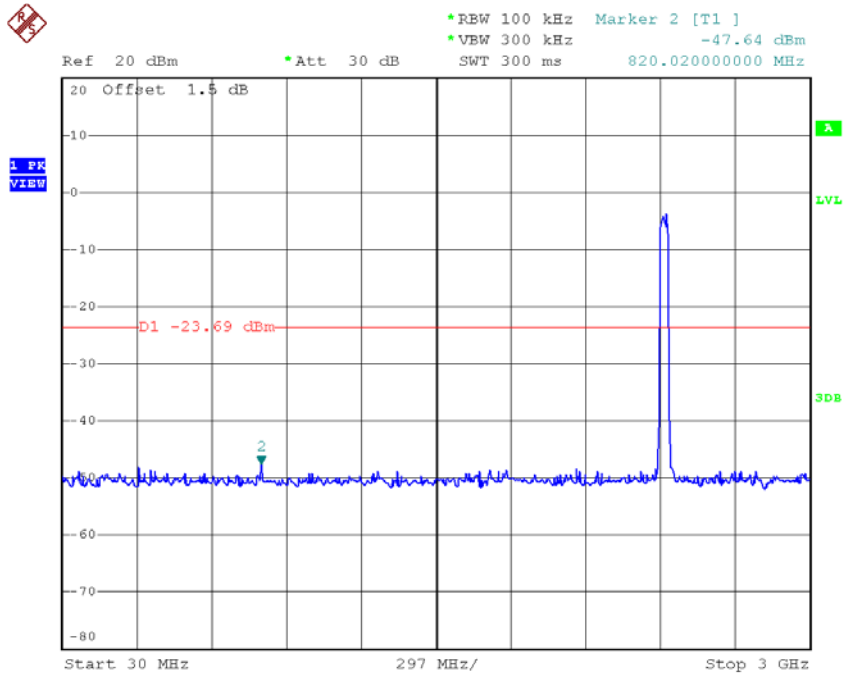
Date: 23.APR.2018 14:26:45

TX HT40 mode CH08

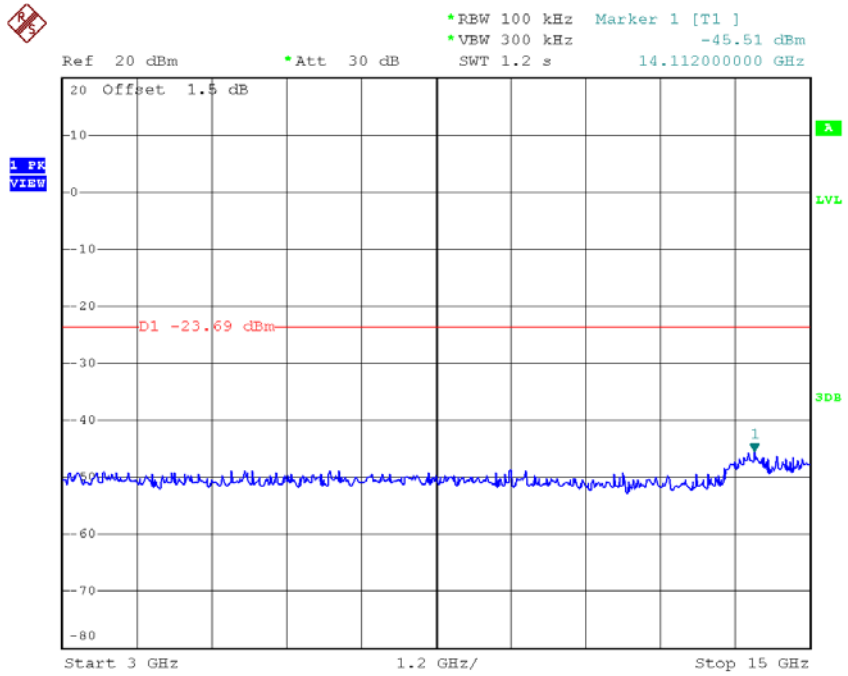


Date: 23.APR.2018 14:29:57

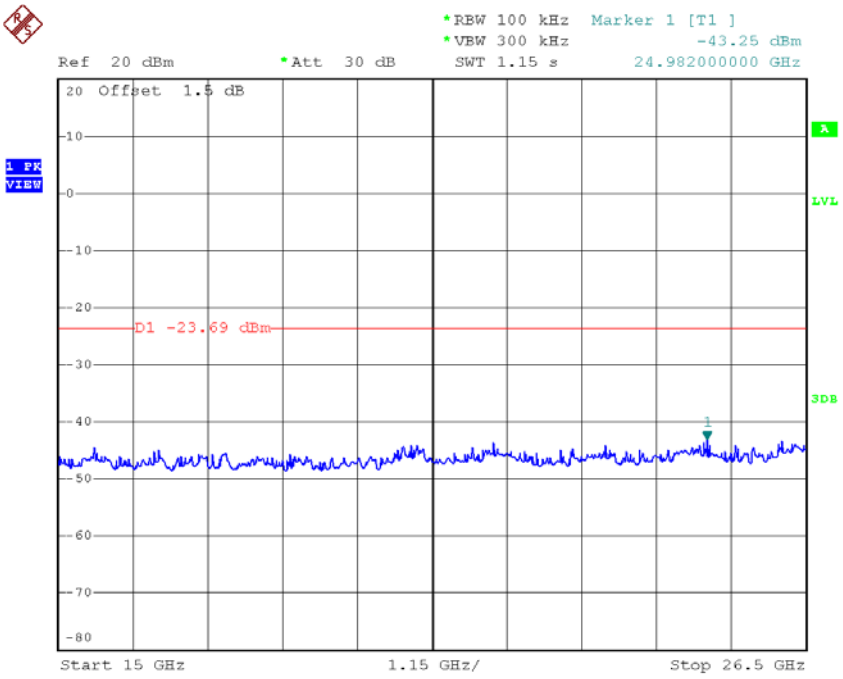
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:26:59

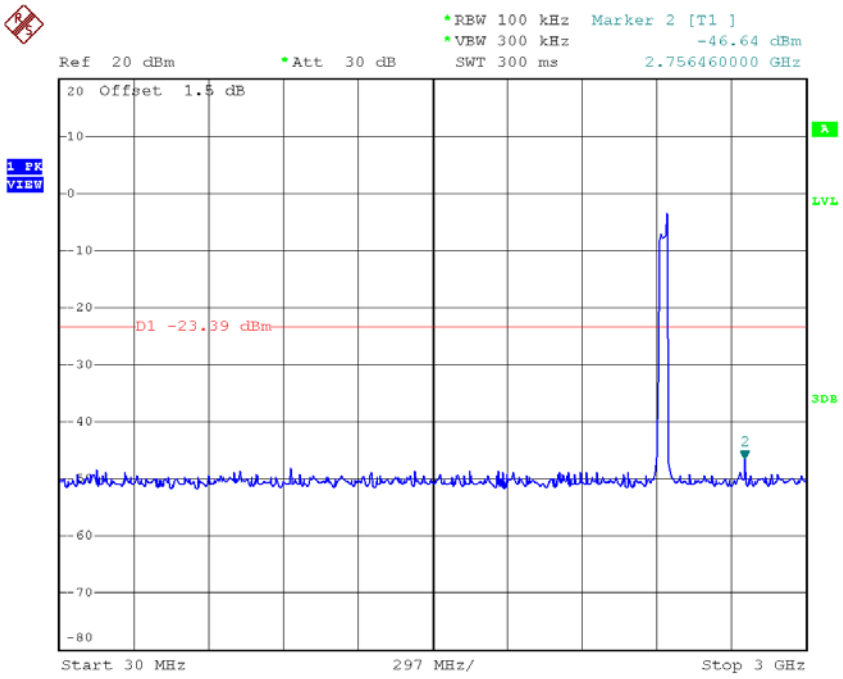


Date: 23.APR.2018 14:27:09

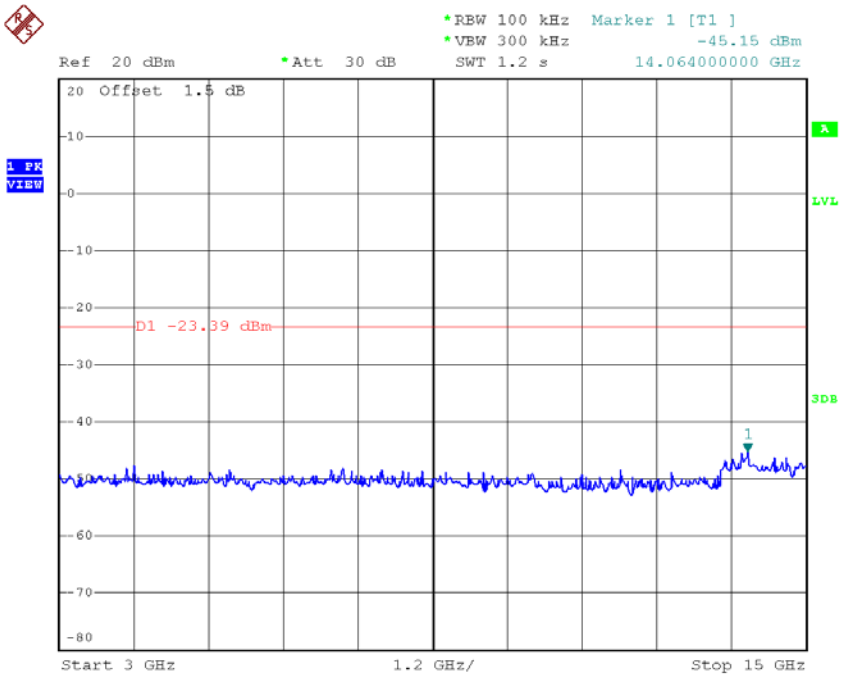


Date: 23.APR.2018 14:27:18

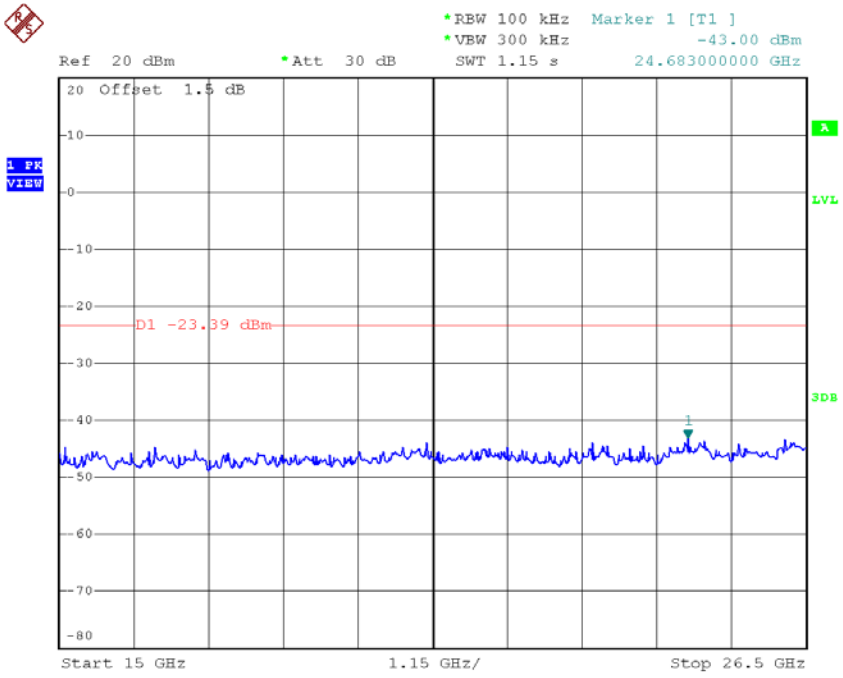
TX HT40 mode CH05 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:28:33

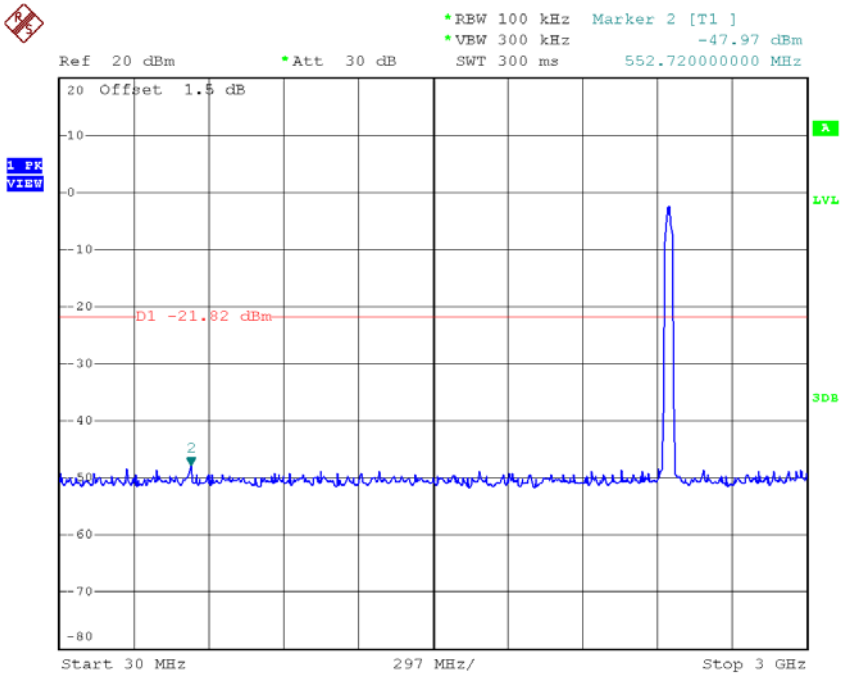


Date: 23.APR.2018 14:28:42

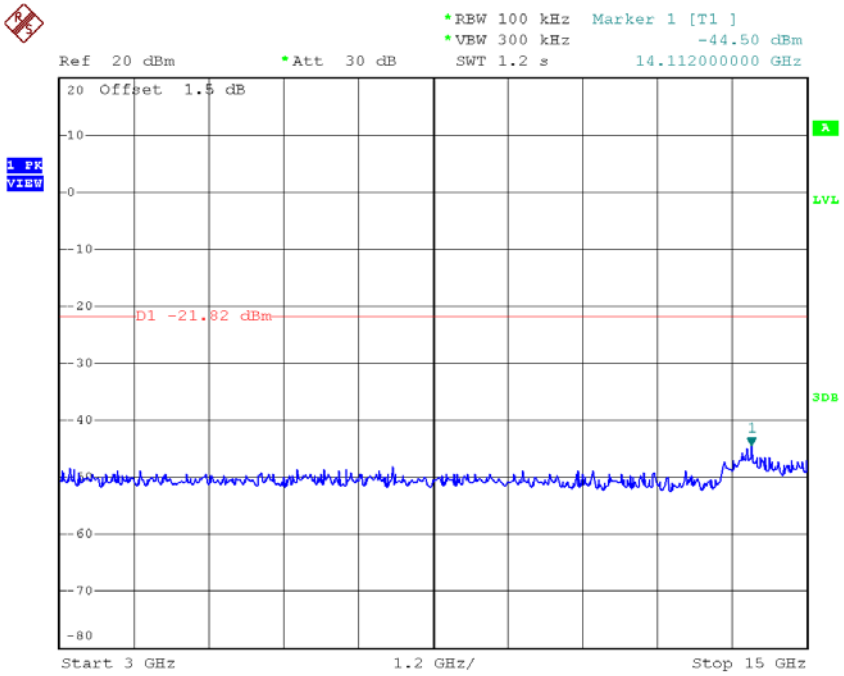


Date: 23.APR.2018 14:28:51

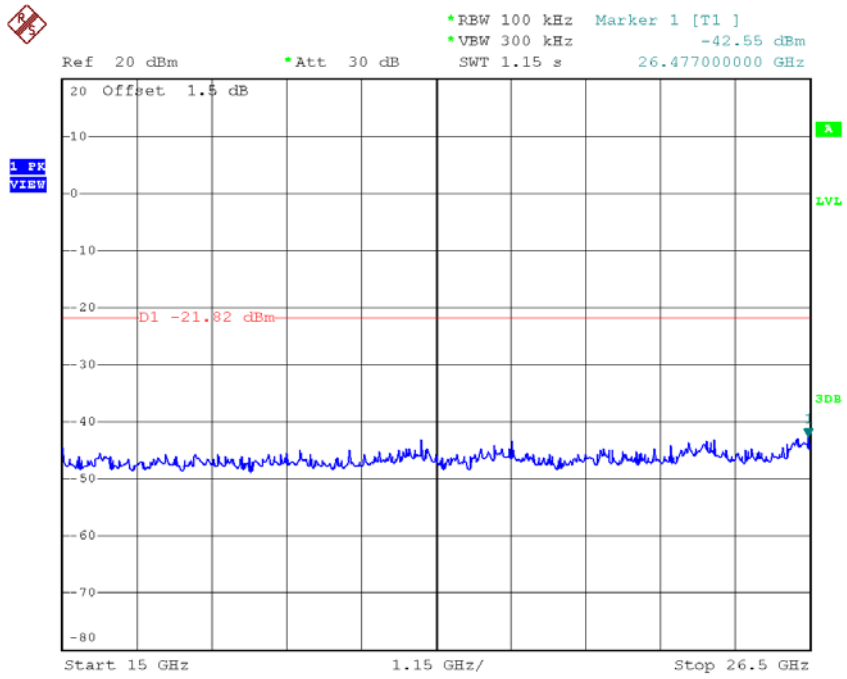
TX HT40 mode CH08 (10 Harmonic of the frequency)



Date: 23.APR.2018 14:30:12



Date: 23.APR.2018 14:30:21



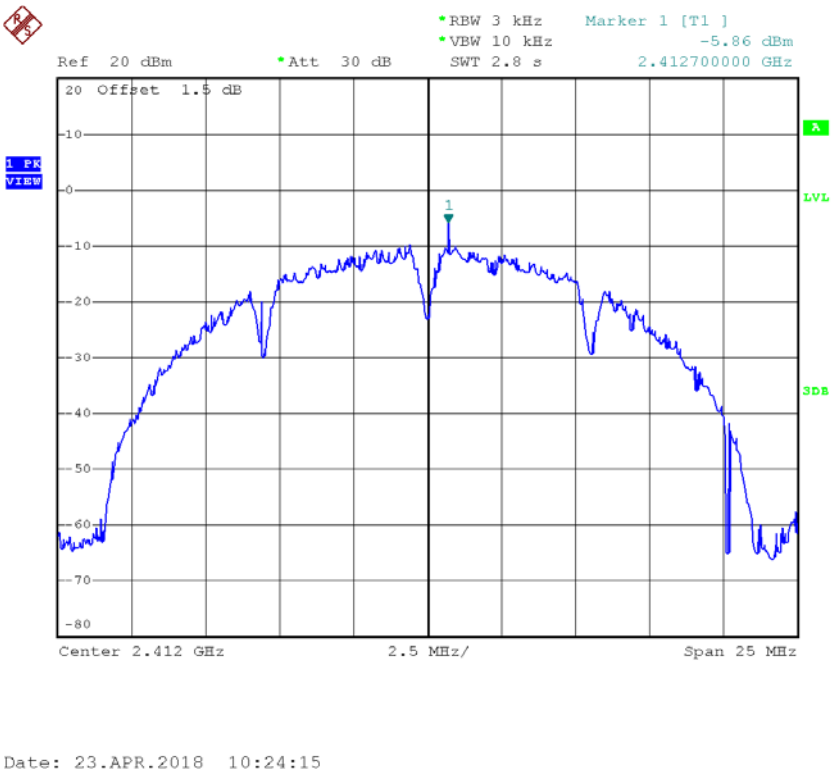
Date: 23.APR.2018 14:30:30

APPENDIX H - POWER SPECTRAL DENSITY

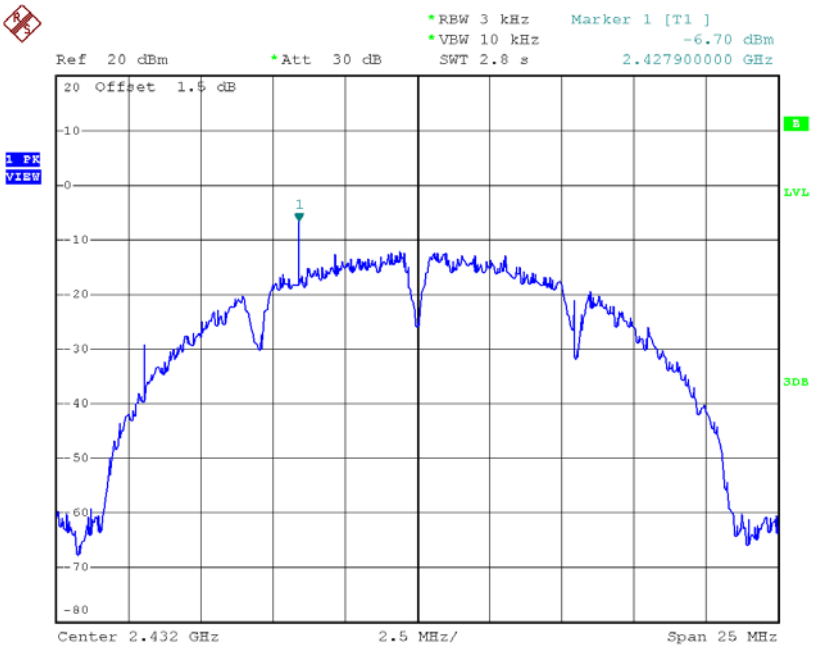
Test Mode :TX B Mode_CH01/05/10

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-5.86	0.2594	8.00	Complies
2432	-6.70	0.2138	8.00	Complies
2457	-9.20	0.1202	8.00	Complies

TX CH01

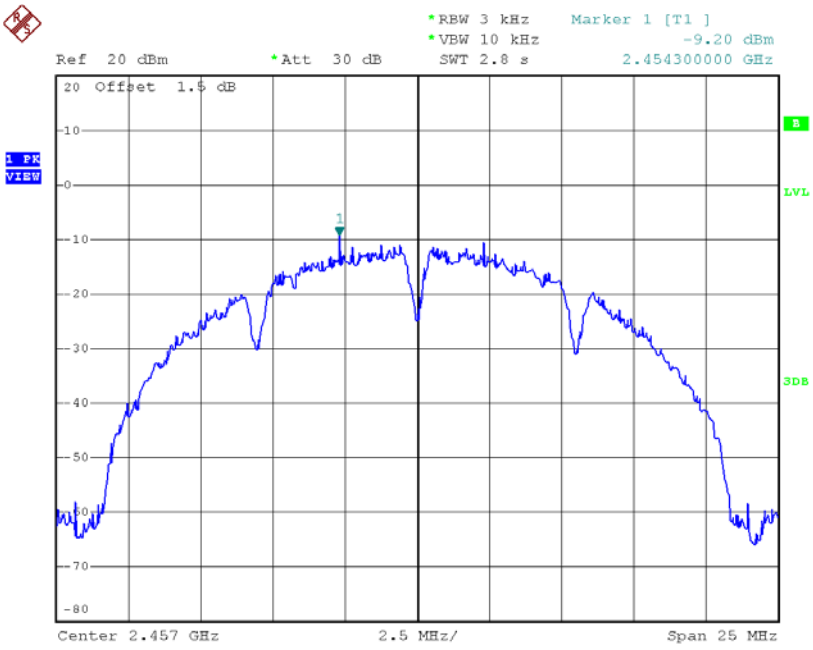


TX CH05



Date: 23.APR.2018 11:10:57

TX CH10

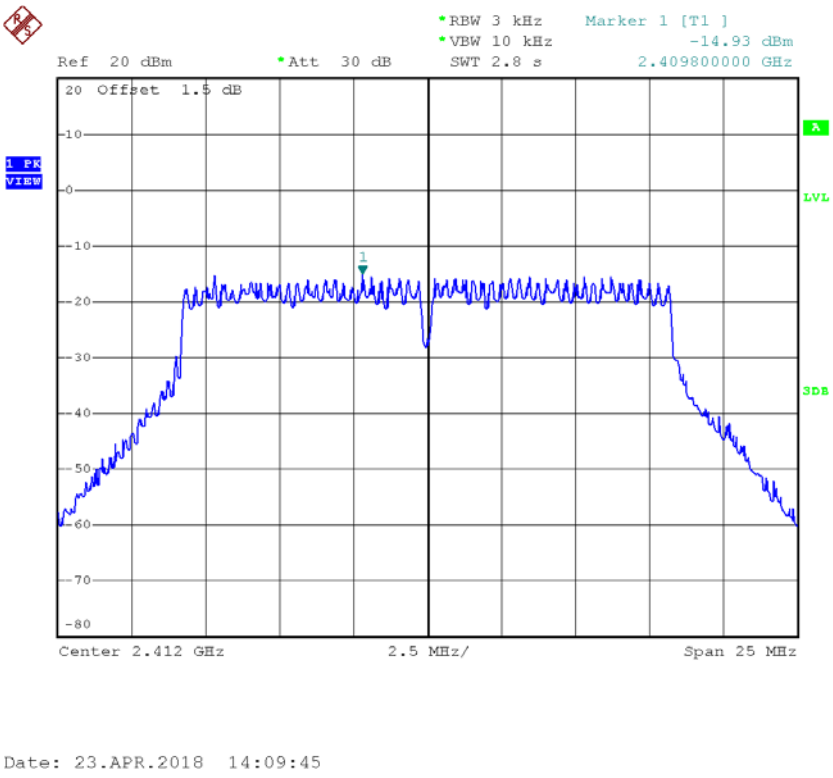


Date: 23.APR.2018 11:20:41

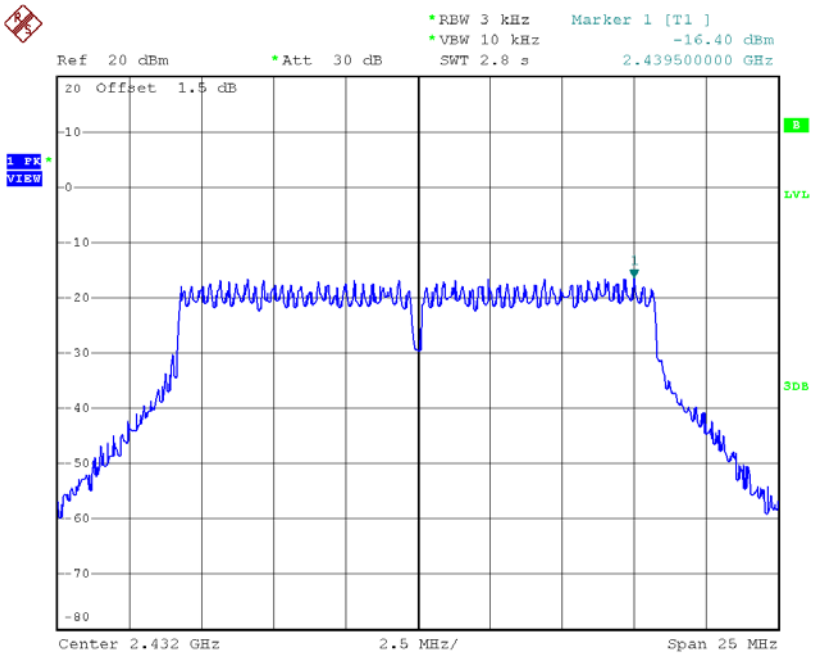
Test Mode :TX G Mode_CH01/05/10

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.93	0.0321	8.00	Complies
2432	-16.40	0.0229	8.00	Complies
2457	-15.00	0.0316	8.00	Complies

TX CH01

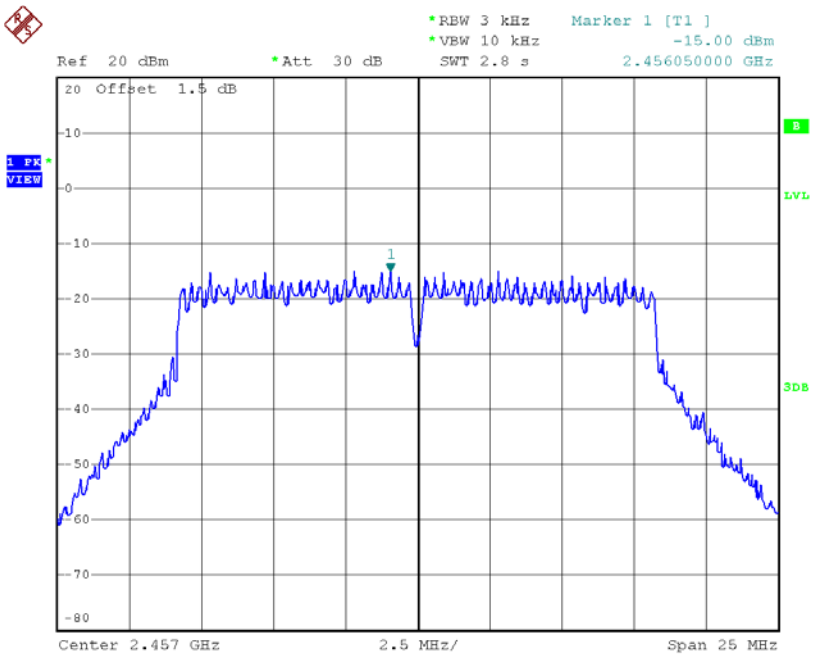


TX CH05



Date: 23.APR.2018 11:30:32

TX CH10

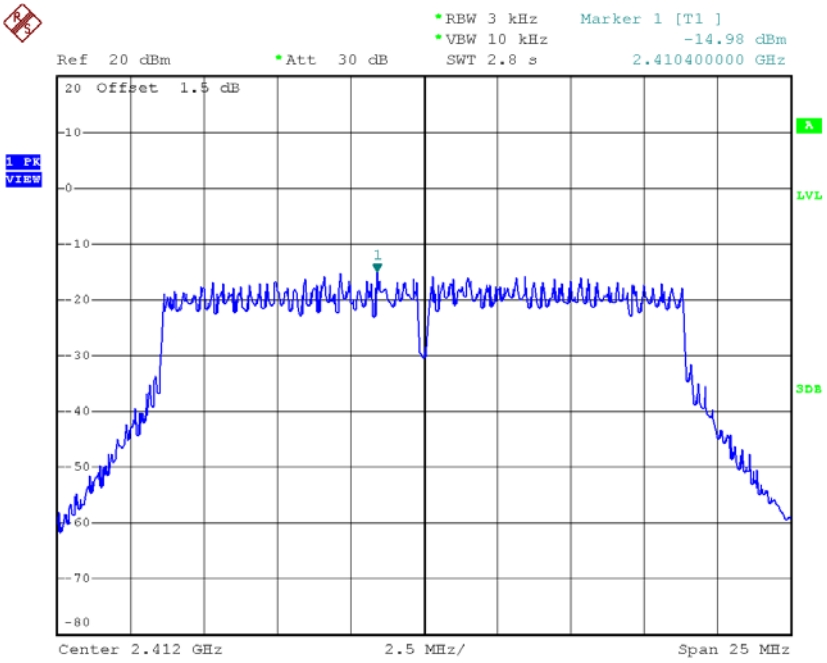


Date: 23.APR.2018 11:38:35

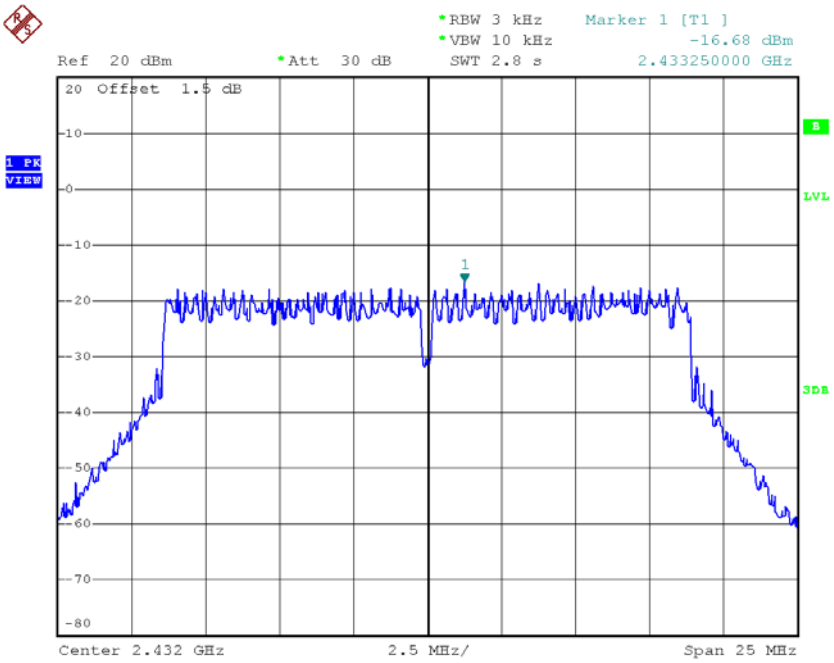
Test Mode : TX N-20M Mode_CH01/05/10

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.98	0.0318	8.00	Complies
2432	-16.68	0.0215	8.00	Complies
2457	-14.26	0.0375	8.00	Complies

TX CH01

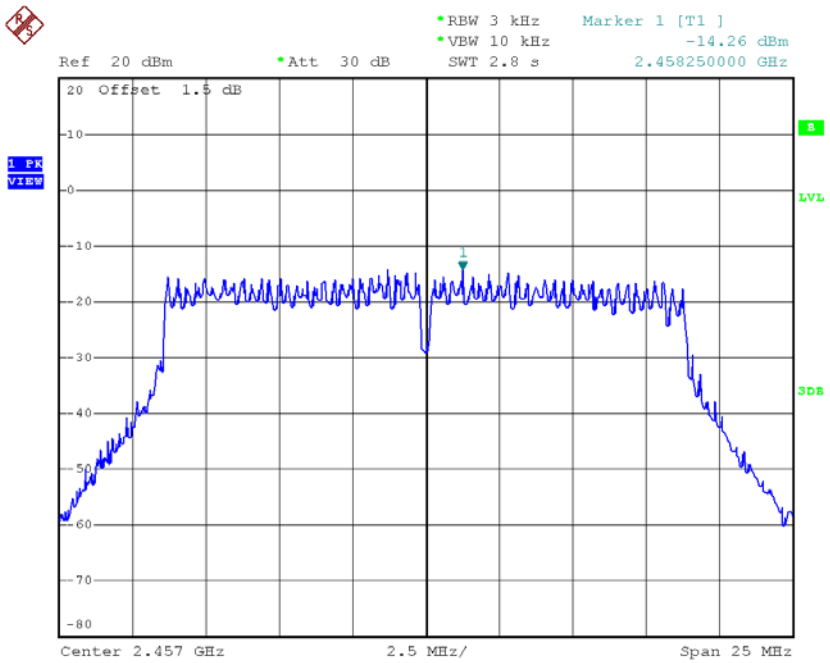


TX CH05



Date: 23.APR.2018 11:48:26

TX CH10

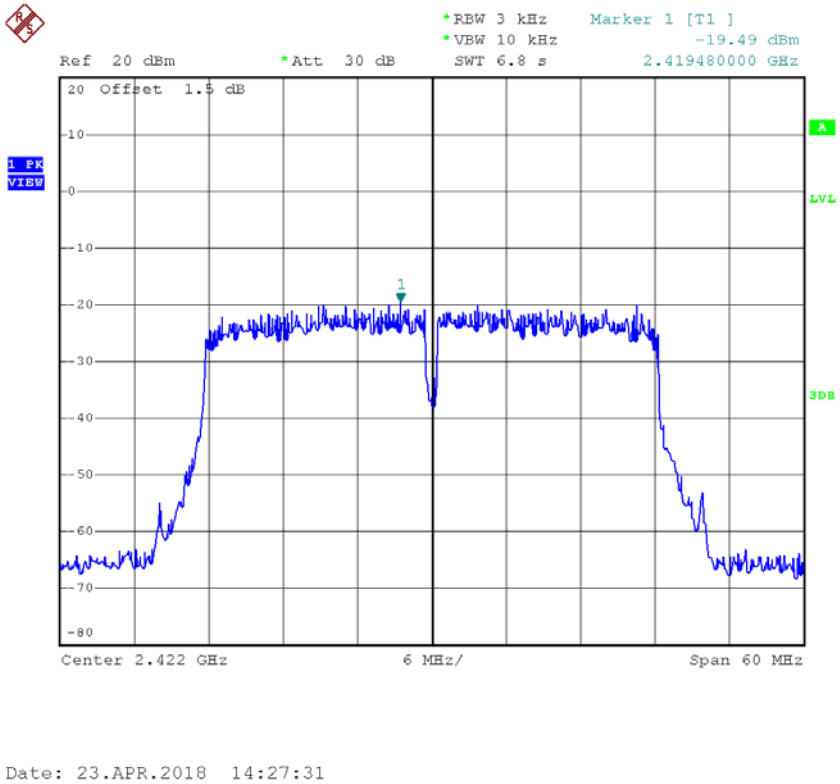


Date: 23.APR.2018 11:43:19

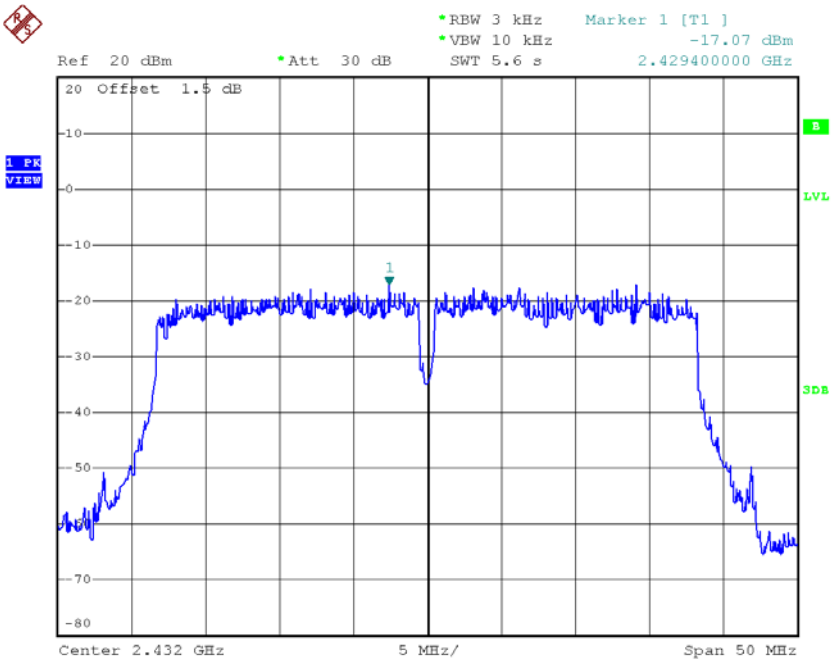
Test Mode : TX N-40M Mode_CH03/05/08

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-19.49	0.0112	8.00	Complies
2432	-17.07	0.0196	8.00	Complies
2447	-16.35	0.0232	8.00	Complies

TX CH03

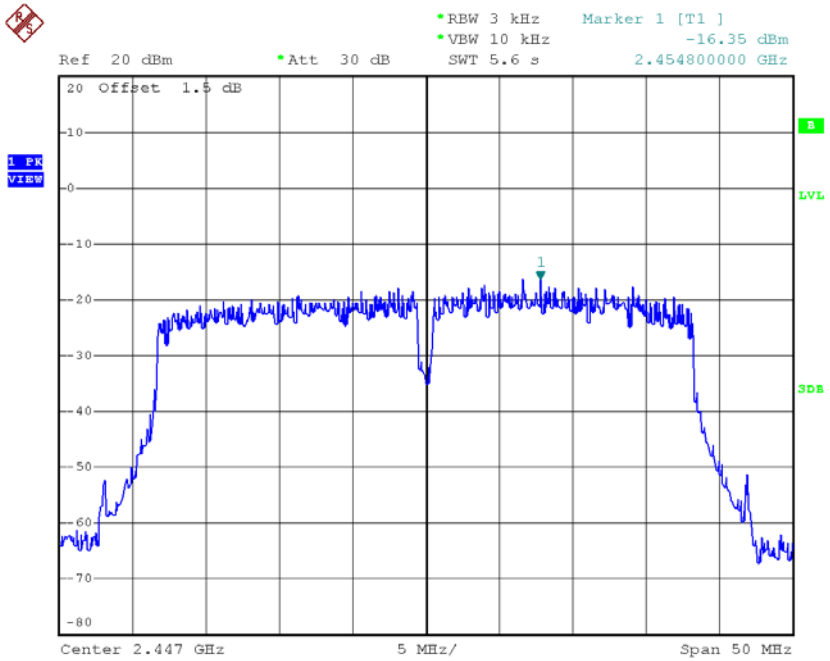


TX CH05



Date: 23.APR.2018 11:51:36

TX CH08



Date: 23.APR.2018 11:56:27