

FCC Radio Test Report

FCC ID:PJZ2728Y1

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

Project No. : 1601C103
Equipment : (1) GPON 4 Port WiFi 802.11ac Gateway,
(2) GE 4 Port WiFi 802.11ac Gateway
Model Name : (1) ZNID-GE-2728A1-XX, ZNID-GE-2728A1-NYY,
ZNID-GE-2728A1-XX-NYY
(2) ZNID-GPON-2728A1-XX, ZNID-GPON-2728A1-NYY,
ZNID-GPON-2728A1-XX-NYY
More deatials please refer to page 9.
Applicant : ZHONE TECHNOLOGIES, INC.
Address : 7195 Oakport Street Oakland, CA 94621 USA

Date of Receipt : Jan. 12, 2016
Date of Test : Jan. 12, 2016 ~ Jun. 28, 2016
Issued Date : Jun. 29, 2016
Tested by : BTL Inc.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1601C103	Original Issue.	Jun. 29, 2016

1. CERTIFICATION

Equipment : (1) GPON 4 Port WiFi 802.11ac Gateway
(2) GE 4 Port WiFi 802.11ac Gateway

Brand Name :  Z H O N E
Bandwidth Changes Everything™

Model Name : (1) ZNID-GE-2728A1-XX, ZNID-GE-2728A1-NYY, ZNID-GE-2728A1-XX-NYY
(2) ZNID-GPON-2728A1-XX, ZNID-GPON-2728A1-NYY,
ZNID-GPON-2728A1-XX-NYY

More deatials please refer to page 9.

Applicant : ZHONE TECHNOLOGIES, INC.
Manufacturer : ZHONE TECHNOLOGIES, INC.
Address : 7195 Oakport Street Oakland,CA 94621 USA
Date of Test : Jan. 12, 2016 ~ Jun. 28, 2016
Test Sample : Engineering Sample
Standard(s) : FCC Part15, Subpart C:(15.247) /ANSI C63.10-2013

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1601C103) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (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	
15.209/15.205	Transmitter Radiated Emissions	PASS	

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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


B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	(1) GPON 4 Port WiFi 802.11ac Gateway; 2) GE 4 Port WiFi 802.11ac Gateway	
Brand Name	 <small>Bandwidth Changes Everything™</small>	
Model Name	(1) ZNID-GE-2728A1-XX, ZNID-GE-2728A1-NYY, ZNID-GE-2728A1-XX-NYY (2) ZNID-GPON-2728A1-XX, ZNID-GPON-2728A1-NYY, ZNID-GPON-2728A1-XX-NYY (“XX”= NA, EU, UK, SG, blank. which indicates the power adapter plug type, For the optional “NYY” used only in Customer-specific configurations, “N” identifies the Revision number of the configuration from 0 to 9 or blank, and “YY” specifies the customer using a unique two letter identifier from A to Z or blank.)	
Model Difference	Light module is point to point for GE series, Light module is not point to point for GPON series.	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 450 Mbps
	Output Power (Max.)	802.11b: 24.45 dBm 802.11g: 29.83 dBm 802.11n(20MHz): 29.61 dBm 802.11n(40MHz): 27.71dBm
Power Source	1) DC voltage supplied from AC adapter. #1 Model: S36B52-120A300-04 #2 Model: SOY-1200300US #3 Model: S040EB1200300 #4 Model: SOY-1200300GB #5 Model: S36B53-120A300-04 2) Supplied from UPS. Model: PS36L-P7	
Power Rating	1)#1 I/P: 100-240V~50/60Hz Max 1.0A O/P: 12V --- 3A #2 I/P: 100-240V~50/60Hz 1.2A Max. O/P: 12V --- 3.0A #3 I/P: 100-240V~50/60Hz 1.2A Max. O/P: 12.0V --- 3000mA #4 I/P: 100-240V~50/60Hz 0.9A Max. O/P: 12V --- 3.0A #5 I/P: 100-240V~50/60Hz Max 1.0A O/P: 12V --- 3A 2) I/P: 100-240V~50/60Hz 1A MAX O/P: 12V --- 3.0Amax(On Vac), 16.0V-11V 3Amax(On Battery)	

Note:

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

2. Channel List:

CH01 – CH11 for 802.11b, 802.11g, 802.11n(20MHz) CH03 – CH9 for 802.11n(40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Airgain®))))	N2420GS-T-G45U	PCB	U.FL	2.5
2	Airgain®))))	N2420GS-T-G140U	PCB	U.FL	2.5
3	Airgain®))))	N2420GS-T-G300U	PCB	U.FL	2.5

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides three completed transmitters and receivers (3T3R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}**, that is Directional gain=2.5.

(2) ANT 1 was the worst case for 1TX.

4.

Operating Mode TX Mode	1TX	3TX
	802.11b	V (ANT 1)
802.11g	V (ANT 1)	-
802.11n(20MHz)	-	V (ANT 1 + ANT 2+ ANT 3)
802.11n(40MHz)	-	V (ANT 1 + ANT 2+ ANT 3)

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 5	Normal Link

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

Note:

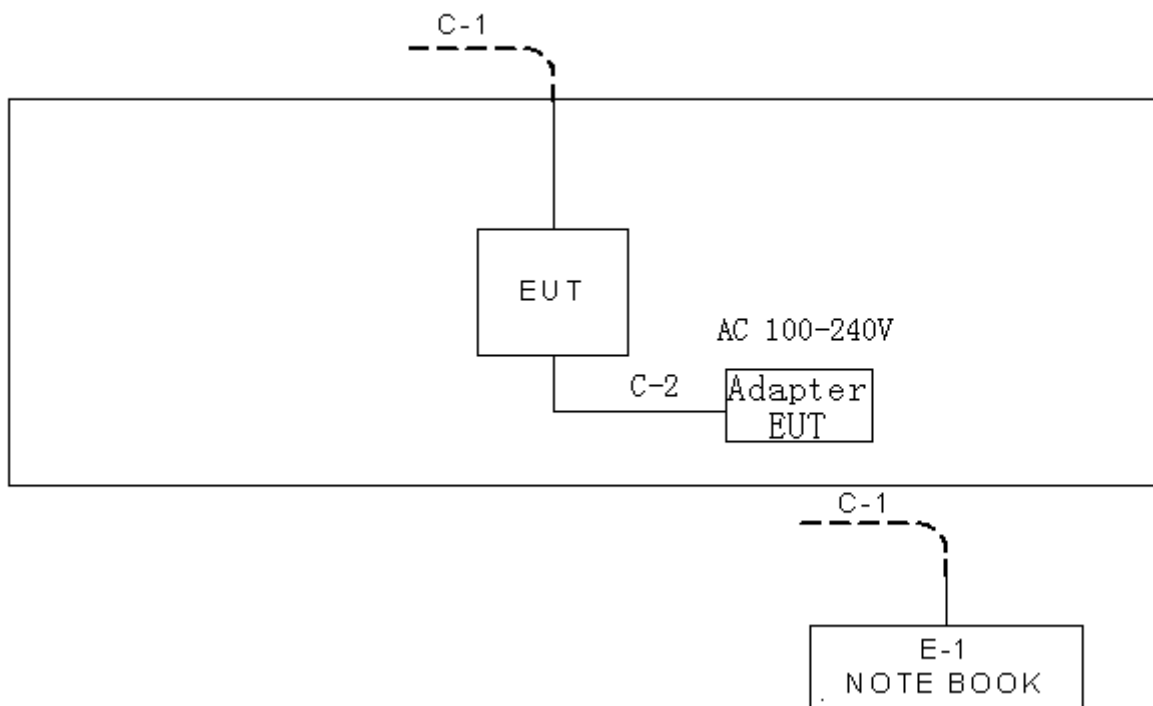
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
 802.11g mode: OFDM (6Mbps)
 802.11n HT20 mode : BPSK (13Mbps)
 802.11n HT40 mode : BPSK (27Mbps)
 For radiated emission tests, the highest output powers were set for final test.
- (3)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

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	MTool_2.0.2.7		
Frequency (MHz)	2412	2437	2462
802.11b	90	96	90
802.11g	59	61	55
802.11n (20MHz)	56	62	54
Frequency	2422	2437	2452
802.11n (40MHz)	46	62	50

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
E-1	Notebook	Lenovo	H2510	DOC	SS07999198

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NA	NA	10M	RJ45 Cable
C-2	NA	NA	1.2M	Power Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

- (1) The limit of " * " decreases with the logarithm of the frequency
- (2) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

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

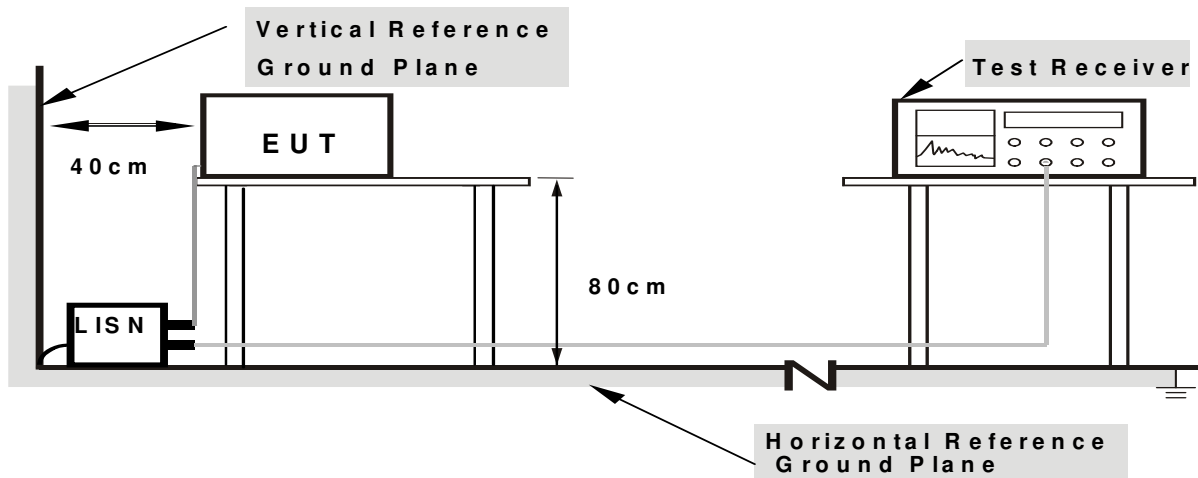
4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



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

4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

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

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

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

4.2.2 TEST PROCEDURE

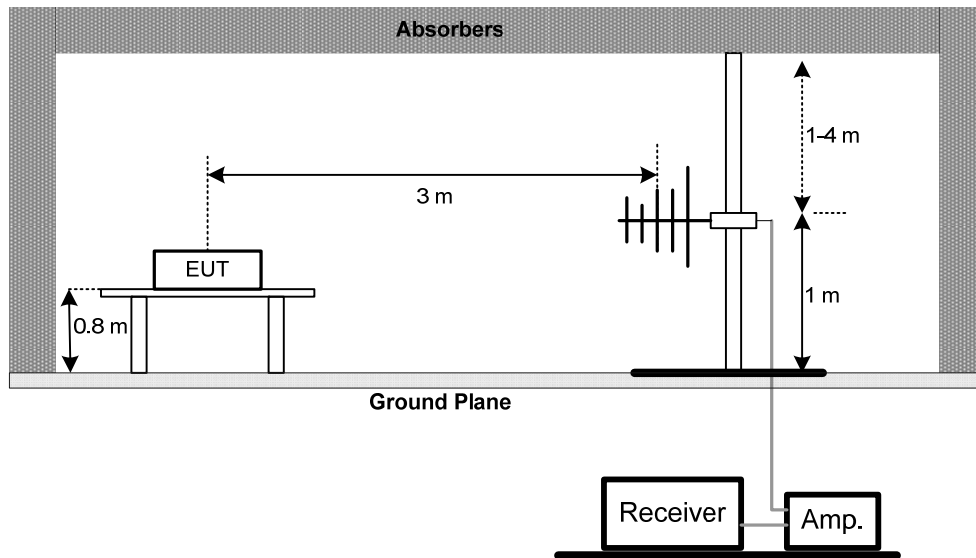
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

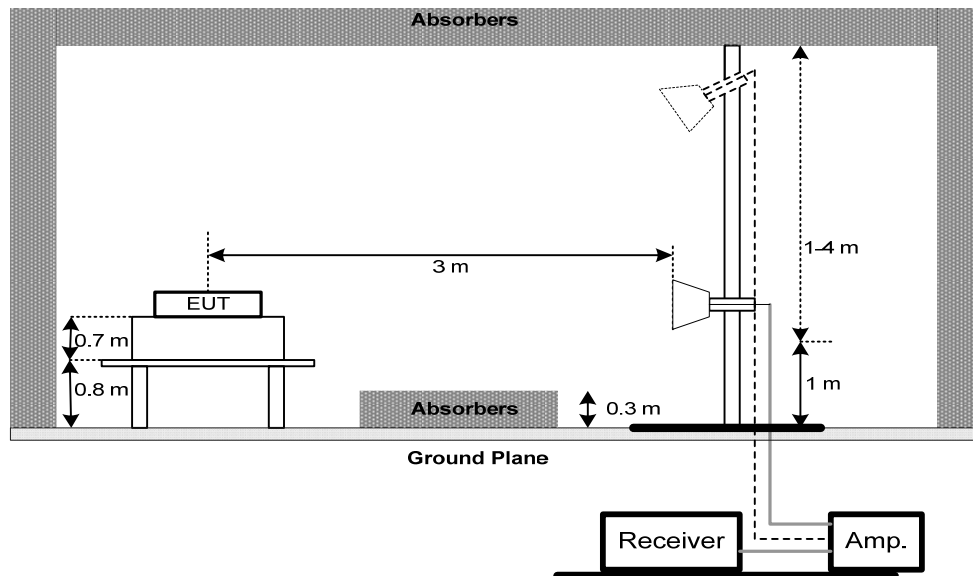
No deviation

4.2.4 TEST SETUP

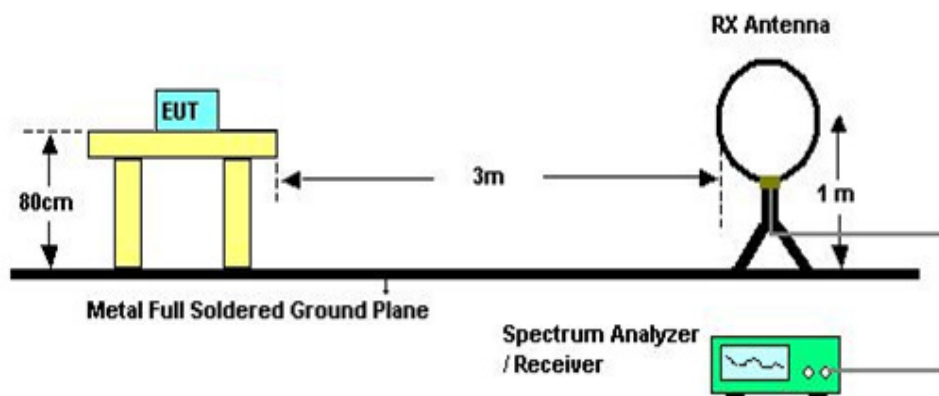
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
- (2) Distance extrapolation factor = $40 \log(\text{specific distance} / \text{test distance})$ (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

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

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

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

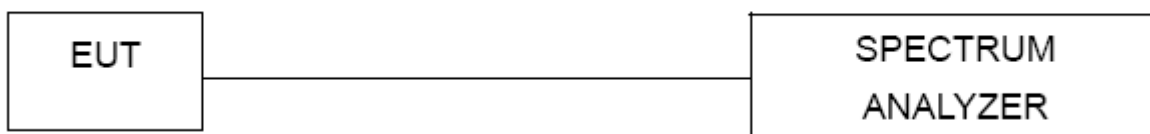
5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance c03r05.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

7.1.1 TEST PROCEDURE

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 27, 2017
5	Antenna	ETS	3115	00075789	Mar. 27, 2017
6	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
7	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
8	Test Cable	emci	EMC104-SM-S M-10000(1GHz-26.5GHz)	C-68	Jun. 27, 2017
9	Controller	CT	SC100	N/A	N/A
10	Position Control	MF	MF-7802	MF780208416	N/A
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
12	Microwave Pre-amplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Test Cable	emci	EMC104-SM-S M-9000(0.01GH z – 26.5GHz)	C-100	N/A

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 27, 2017
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 27, 2017

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Test Cable	emci	EMC104-SM-S M-9000(0.01GH z – 26.5GHz)	C-100	N/A

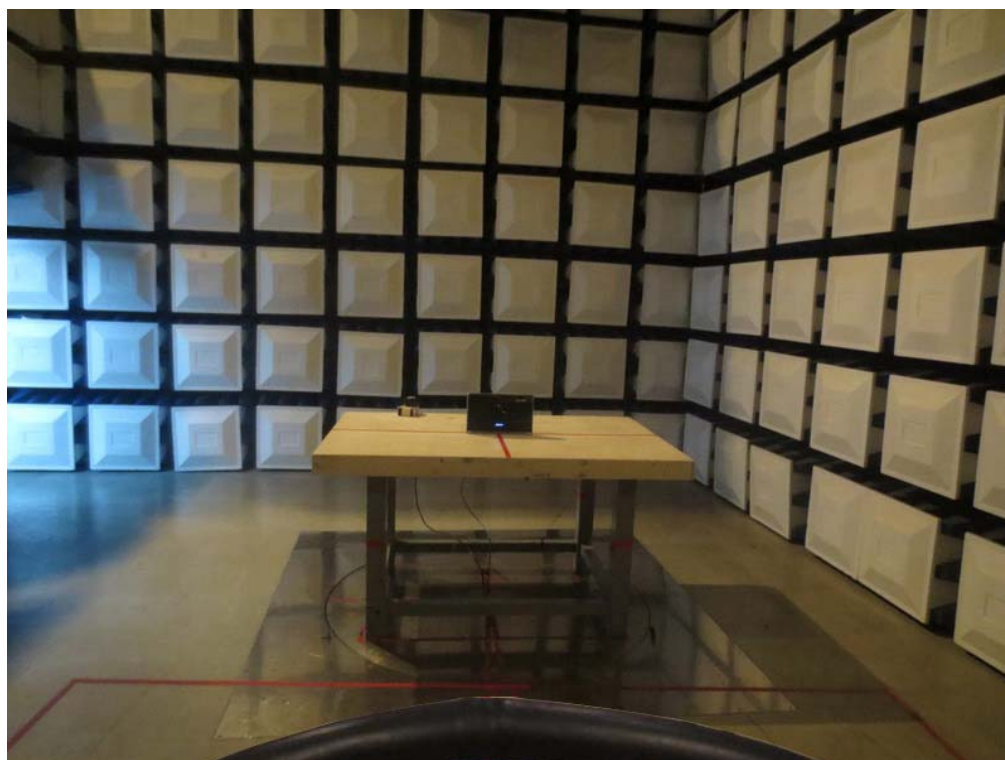
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Test Cable	emci	EMC104-SM-S M-9000(0.01GH z – 26.5GHz)	C-100	N/A

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

10. EUT TEST PHOTO

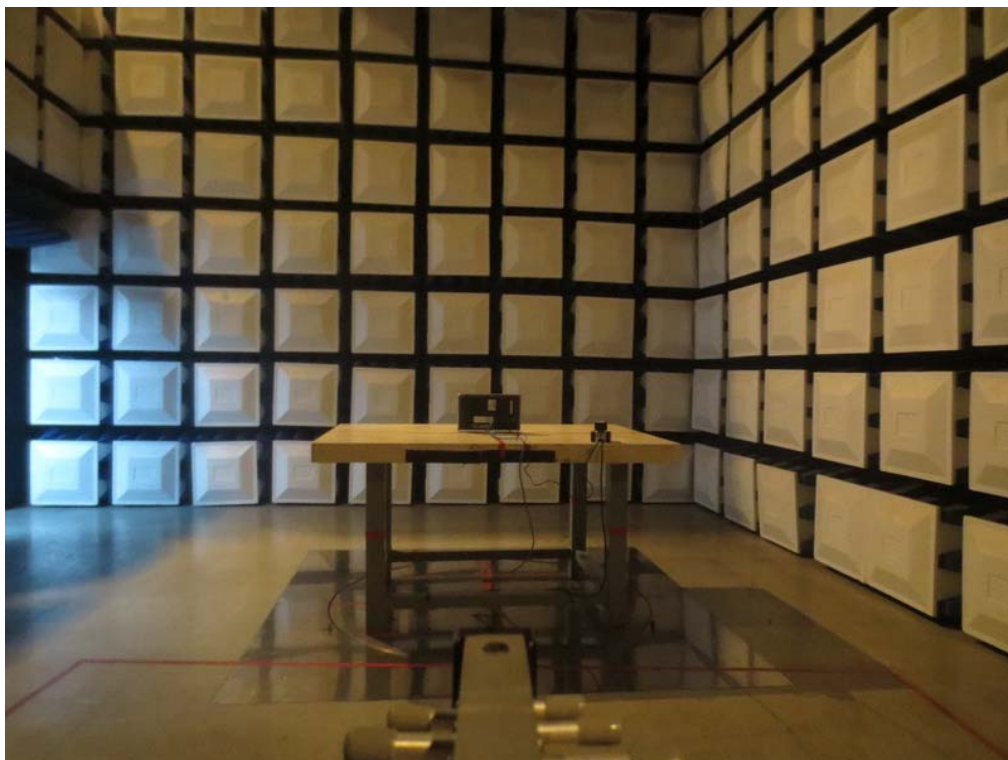
Conducted Measurement Photos



Radiated Measurement Photos**9KHz to 30MHz**

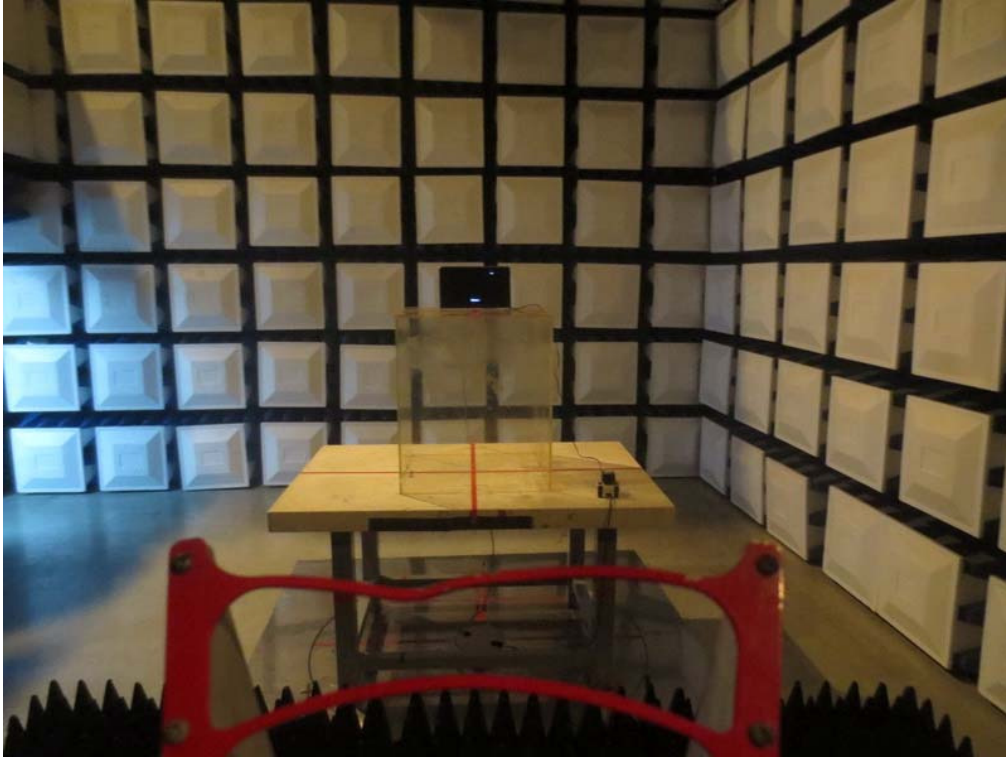
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

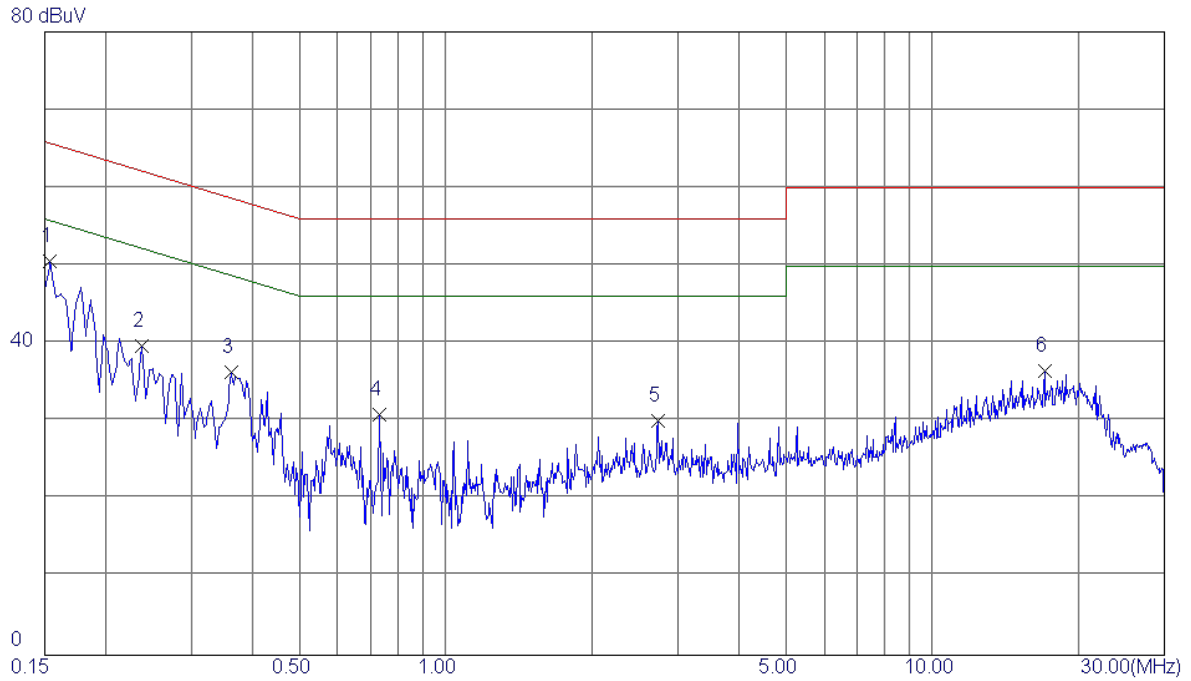
Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

Test Mode : Normal Link

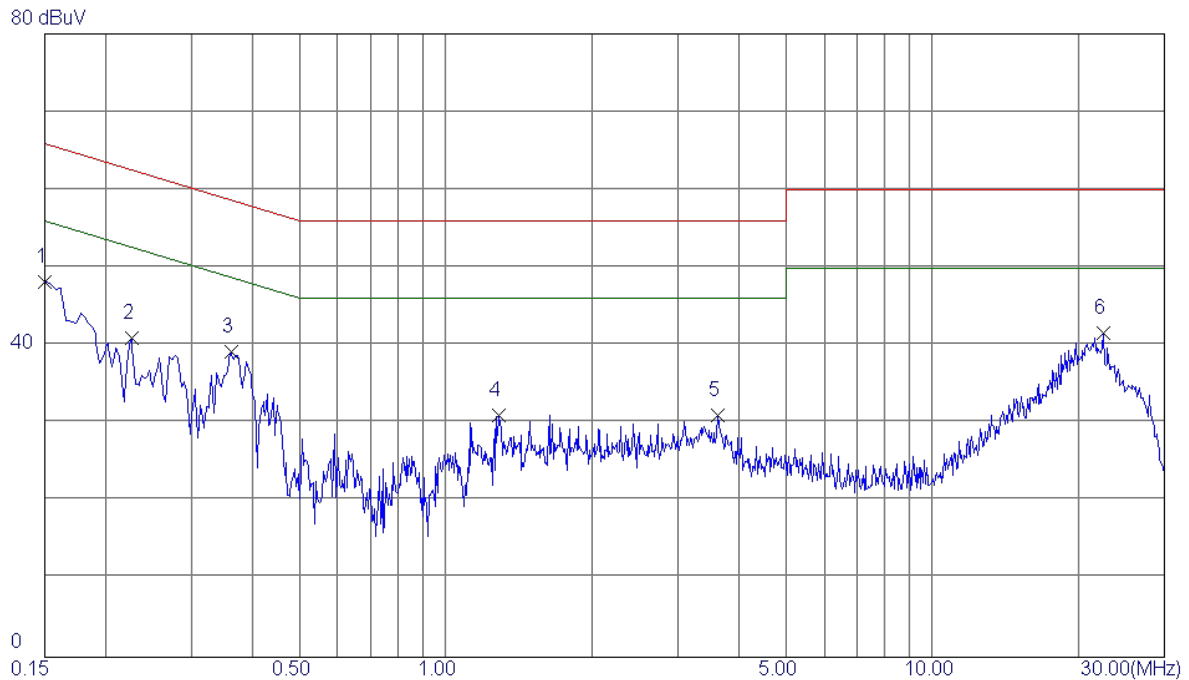
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1539	41.09	9.54	50.63	65.79	-15.16	Peak	
2	0.2380	30.07	9.60	39.67	62.17	-22.50	Peak	
3	0.3620	26.69	9.65	36.34	58.68	-22.34	Peak	
4	0.7300	21.16	9.75	30.91	56.00	-25.09	Peak	
5	2.7380	20.01	10.01	30.02	56.00	-25.98	Peak	
6	17.0180	26.58	9.83	36.41	60.00	-23.59	Peak	

Test Mode : Normal Link

Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	38.68	9.49	48.17	66.00	-17.83	Peak	
2	0.2260	31.47	9.51	40.98	62.60	-21.62	Peak	
3	0.3620	29.73	9.53	39.26	58.68	-19.42	Peak	
4	1.2860	21.47	9.63	31.10	56.00	-24.90	Peak	
5	3.6340	21.15	9.88	31.03	56.00	-24.97	Peak	
6	22.4180	31.58	9.99	41.57	60.00	-18.43	Peak	

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

Test Mode:	TX B MODE CHANNEL 01
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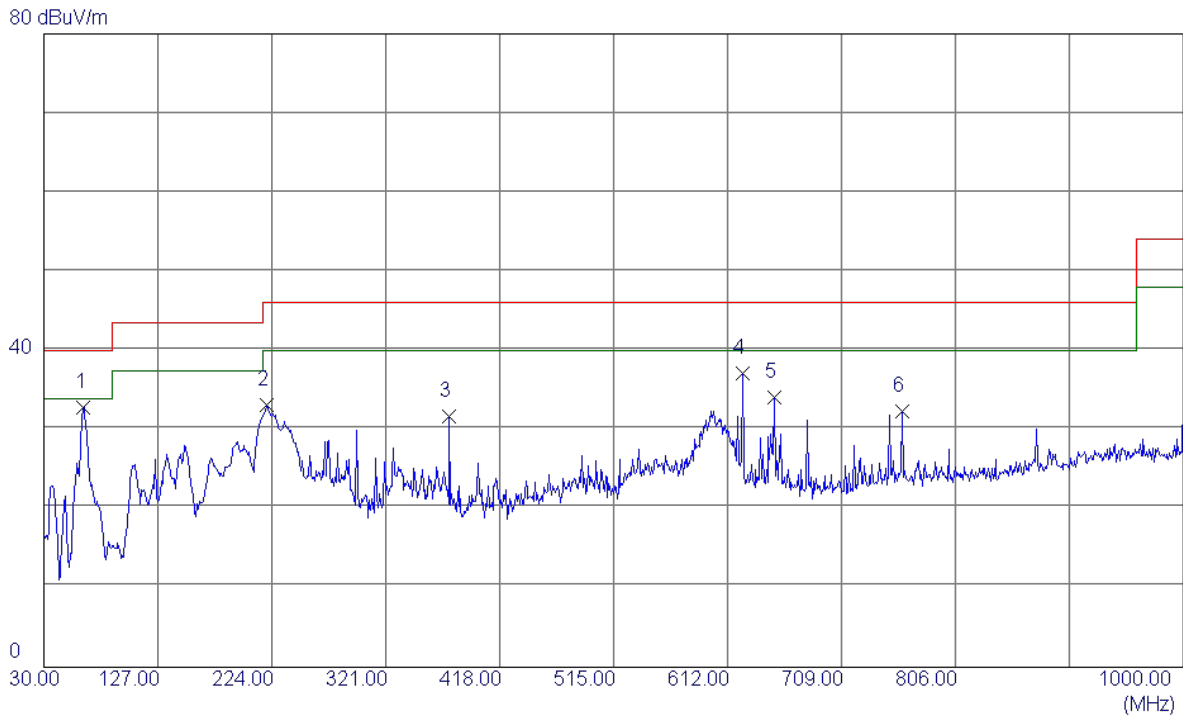
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0117	0°	15.13	24.8257	39.9557	126.2405	-86.2848	AVG
0.0117	0°	16.75	24.8257	41.5757	146.2405	-104.6648	PEAK
0.0326	0°	7.28	23.5020	30.7820	117.3399	-86.5579	AVG
0.0326	0°	8.56	23.5020	32.0620	137.3399	-105.2779	PEAK
0.0408	0°	4.52	22.9827	27.5027	115.3910	-87.8884	AVG
0.0408	0°	6.05	22.9827	29.0327	135.3910	-106.3584	PEAK
0.0619	0°	1.27	22.1620	23.4320	111.7704	-88.3384	AVG
0.0619	0°	2.36	22.1620	24.5220	131.7704	-107.2484	PEAK
0.7128	0°	22.17	20.4810	42.6510	70.5449	-27.8939	QP
2.2503	0°	25.51	19.3498	44.8598	69.5400	-24.6802	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0141	90°	13.77	24.3000	38.0700	124.6198	-86.5498	AVG
0.0141	90°	15.21	24.3000	39.5100	144.6198	-105.1098	PEAK
0.0296	90°	6.15	23.6920	29.8420	118.1784	-88.3364	AVG
0.0296	90°	8.53	23.6920	32.2220	138.1784	-105.9564	PEAK
0.0412	90°	4.06	22.9573	27.0173	115.3063	-88.2889	AVG
0.0412	90°	6.38	22.9573	29.3373	135.3063	-105.9689	PEAK
0.0703	90°	1.83	21.9940	23.8240	110.6651	-86.8411	AVG
0.0703	90°	2.75	21.9940	24.7440	130.6651	-105.9211	PEAK
0.6185	90°	20.36	20.1792	40.5392	71.7774	-31.2382	QP
2.0173	90°	24.17	19.4896	43.6596	69.5400	-25.8804	QP

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

Test Mode: TX B MODE CHANNEL 01

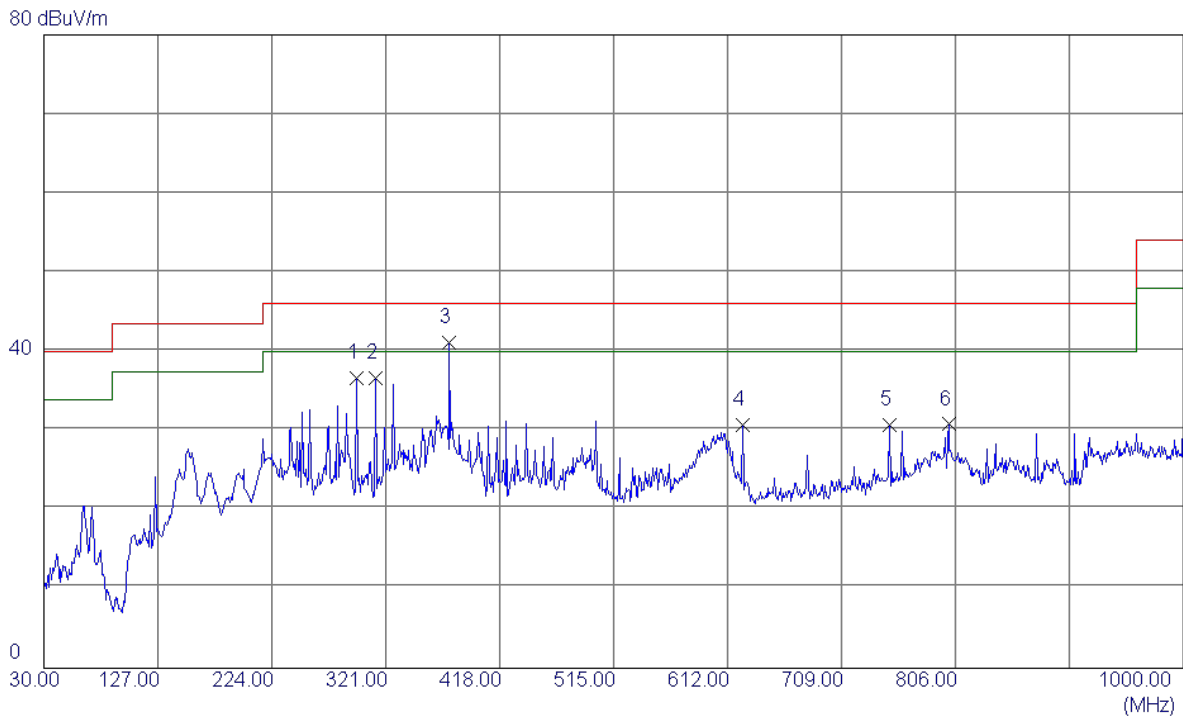
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	63.9500	47.06	-14.22	32.84	40.00	-7.16	Peak	
2	220.1200	48.75	-15.61	33.14	46.00	-12.86	Peak	
3	375.3200	41.41	-9.78	31.63	46.00	-14.37	Peak	
4	624.6100	41.87	-4.77	37.10	46.00	-8.90	Peak	
5	651.7700	38.37	-4.29	34.08	46.00	-11.92	Peak	
6	760.4099	34.27	-1.92	32.35	46.00	-13.65	Peak	

Test Mode: TX B MODE CHANNEL 01

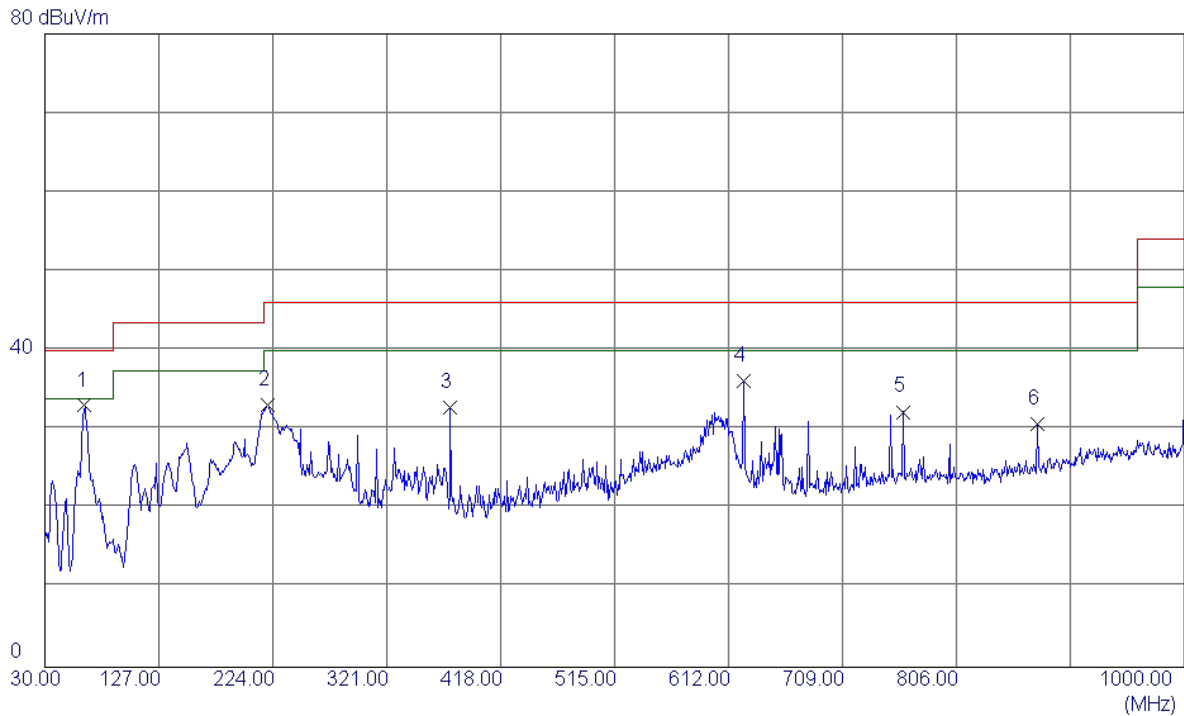
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	295.7800	48.12	-11.48	36.64	46.00	-9.36	Peak	
2	312.2700	47.83	-11.12	36.71	46.00	-9.29	Peak	
3 *	375.3200	50.84	-9.78	41.06	46.00	-4.94	Peak	
4	624.6100	35.51	-4.77	30.74	46.00	-15.26	Peak	
5	749.7400	32.66	-2.00	30.66	46.00	-15.34	Peak	
6	800.1800	32.48	-1.68	30.80	46.00	-15.20	Peak	

Test Mode: TX B MODE CHANNEL 06

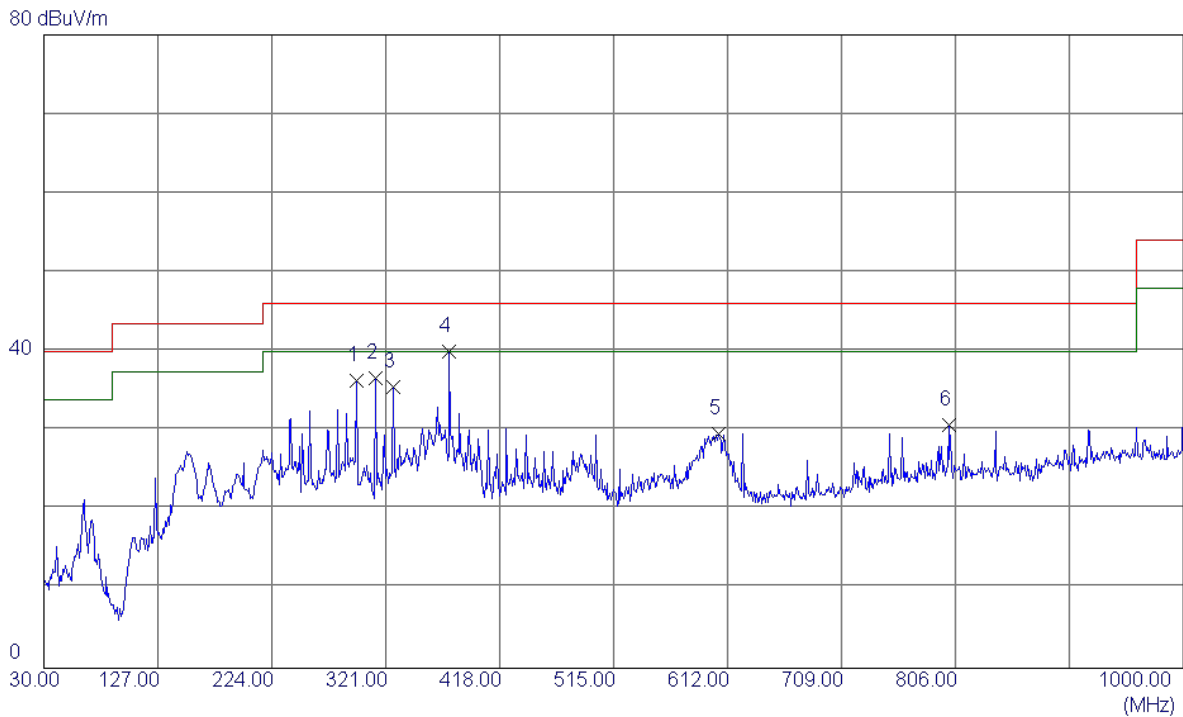
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	63.9500	47.26	-14.22	33.04	40.00	-6.96	Peak	
2	220.1200	48.77	-15.61	33.16	46.00	-12.84	Peak	
3	375.3200	42.65	-9.78	32.87	46.00	-13.13	Peak	
4	624.6100	40.90	-4.77	36.13	46.00	-9.87	Peak	
5	760.4099	34.16	-1.92	32.24	46.00	-13.76	Peak	
6	874.8700	30.91	-0.20	30.71	46.00	-15.29	Peak	

Test Mode: TX B MODE CHANNEL 06

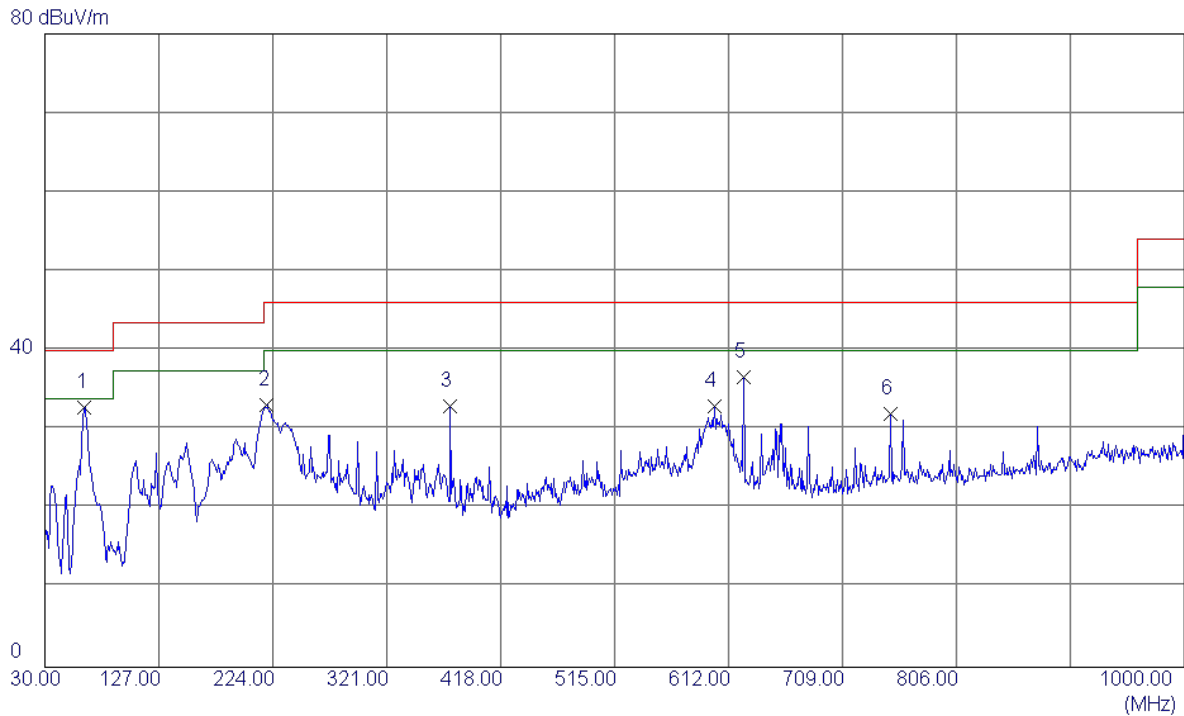
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	295.7800	47.81	-11.48	36.33	46.00	-9.67	Peak	
2	312.2700	47.71	-11.12	36.59	46.00	-9.41	Peak	
3	327.7900	46.29	-10.82	35.47	46.00	-10.53	Peak	
4 *	375.3200	49.85	-9.78	40.07	46.00	-5.93	Peak	
5	604.2400	34.77	-5.14	29.63	46.00	-16.37	Peak	
6	800.1800	32.33	-1.68	30.65	46.00	-15.35	Peak	

Test Mode: TX B MODE CHANNEL 11

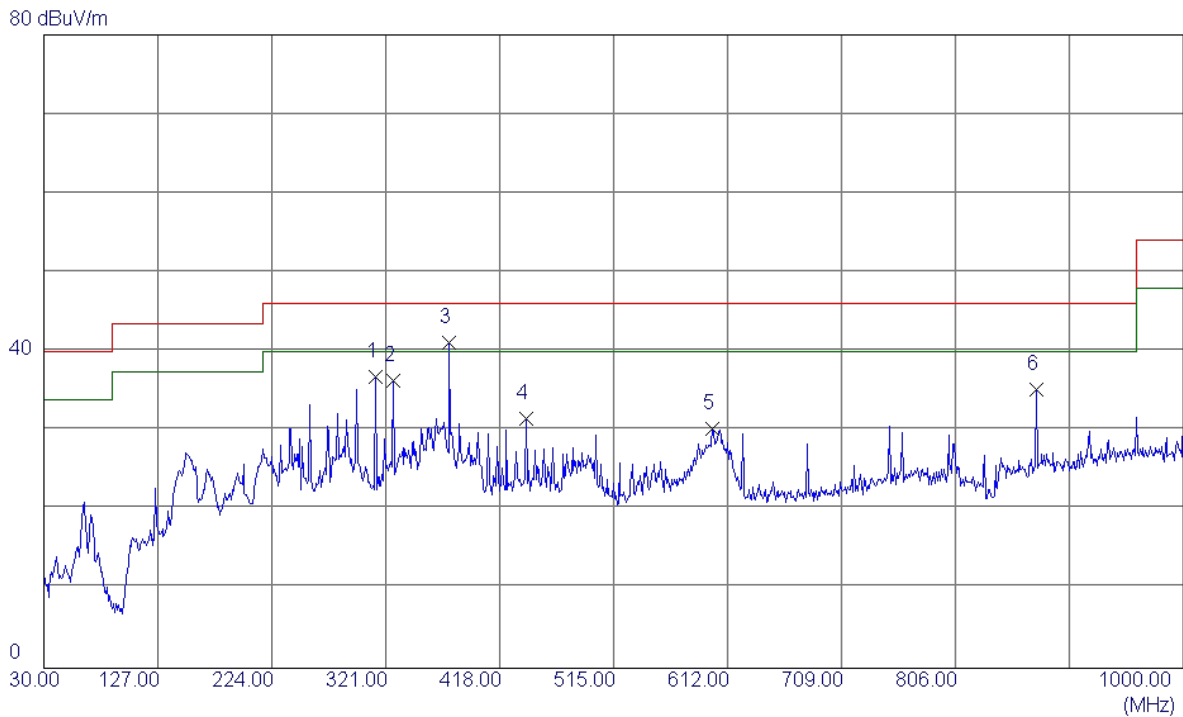
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	63.9500	47.09	-14.22	32.87	40.00	-7.13	Peak	
2	219.1500	48.79	-15.63	33.16	46.00	-12.84	Peak	
3	375.3200	42.68	-9.78	32.90	46.00	-13.10	Peak	
4	600.3600	38.11	-5.21	32.90	46.00	-13.10	Peak	
5	624.6100	41.42	-4.77	36.65	46.00	-9.35	Peak	
6	749.7400	34.06	-2.00	32.06	46.00	-13.94	Peak	

Test Mode: TX B MODE CHANNEL 11

Horizontal

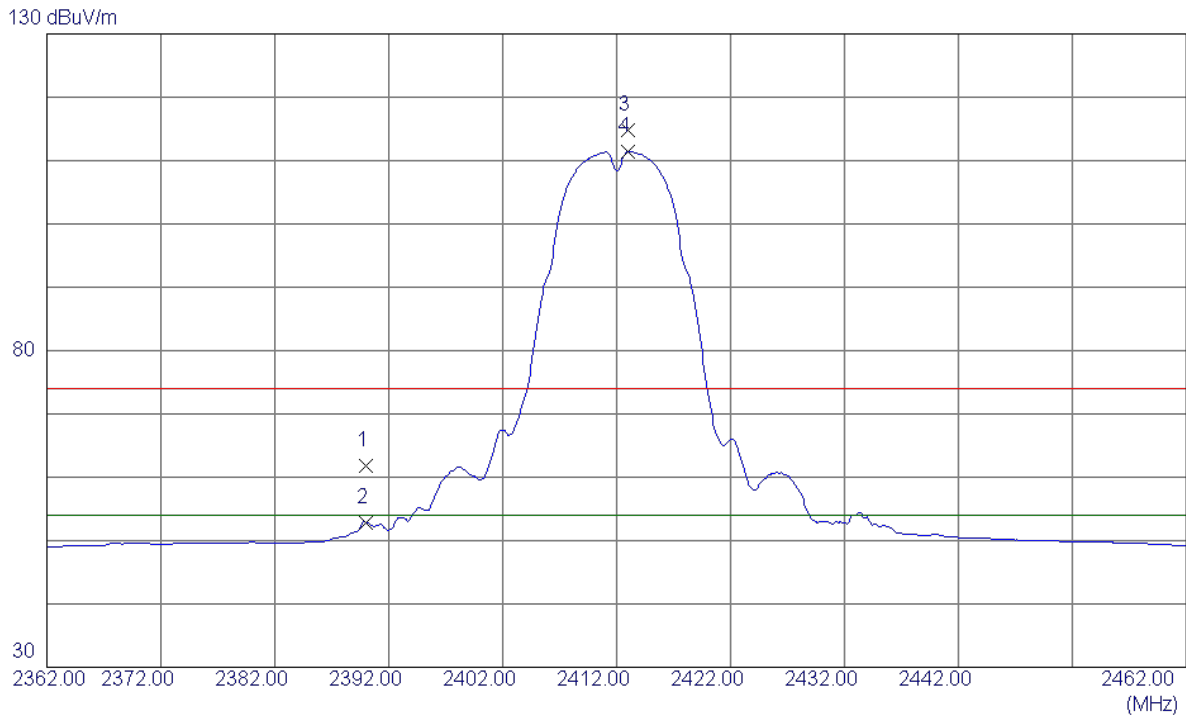


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	312.2700	47.89	-11.12	36.77	46.00	-9.23	Peak	
2	327.7900	47.11	-10.82	36.29	46.00	-9.71	Peak	
3 *	375.3200	50.91	-9.78	41.13	46.00	-4.87	Peak	
4	440.3100	39.49	-8.01	31.48	46.00	-14.52	Peak	
5	599.3900	35.51	-5.24	30.27	46.00	-15.73	Peak	
6	874.8700	35.42	-0.20	35.22	46.00	-10.78	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

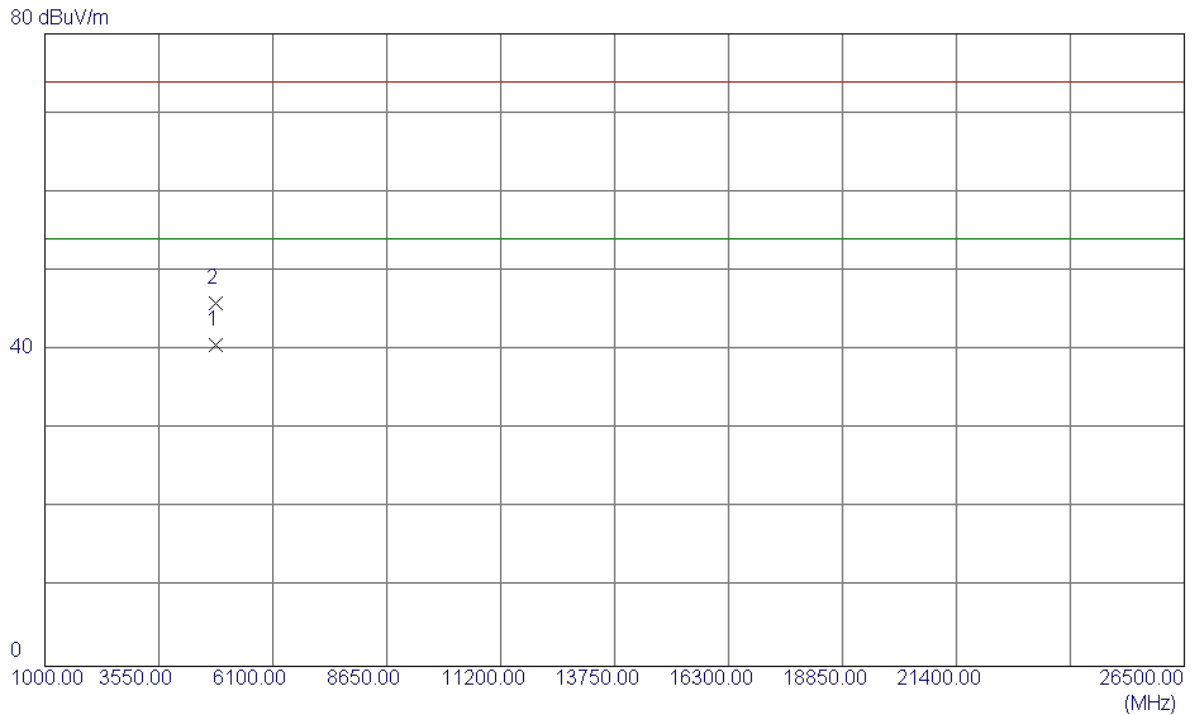
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	27.62	34.23	61.85	74.00	-12.15	Peak	
2	2390.0000	18.62	34.23	52.85	54.00	-1.15	AVG	
3	2413.0000	80.34	34.37	114.71	74.00	40.71	Peak	NO LIMIT
4 *	2413.0000	77.08	34.37	111.45	54.00	57.45	AVG	NO LIMIT

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

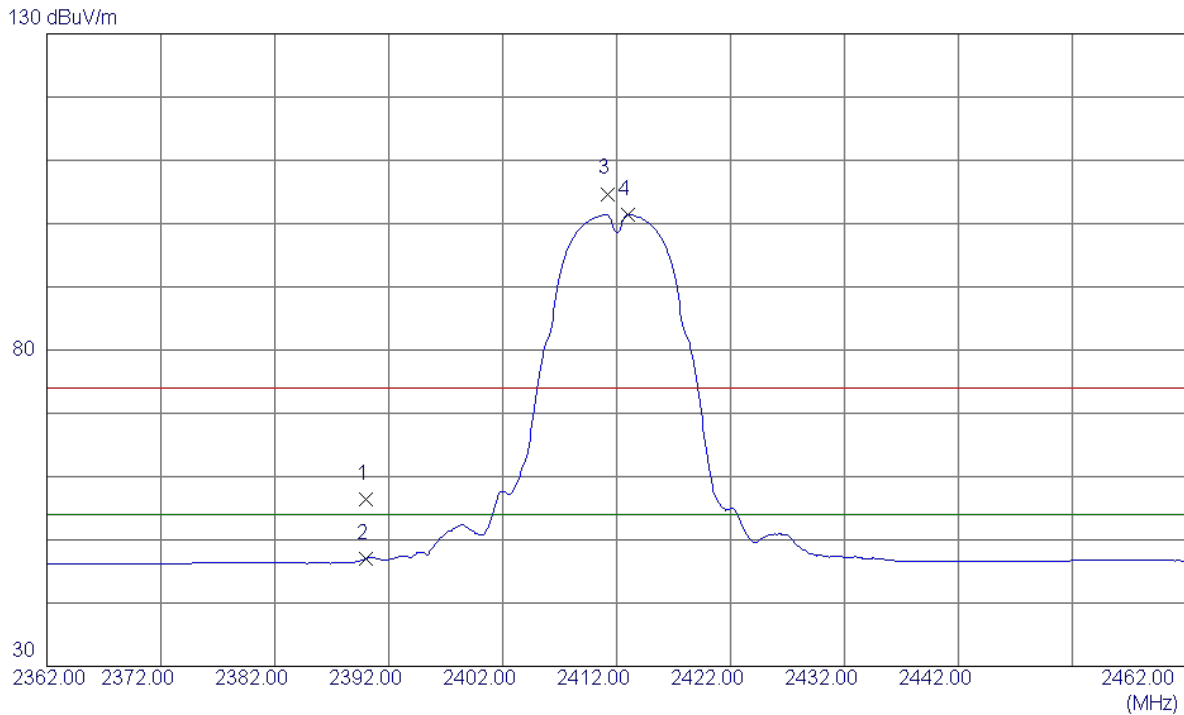
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.9850	37.71	3.00	40.71	54.00	-13.29	AVG	
2	4823.9650	42.89	3.00	45.89	74.00	-28.11	Peak	

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

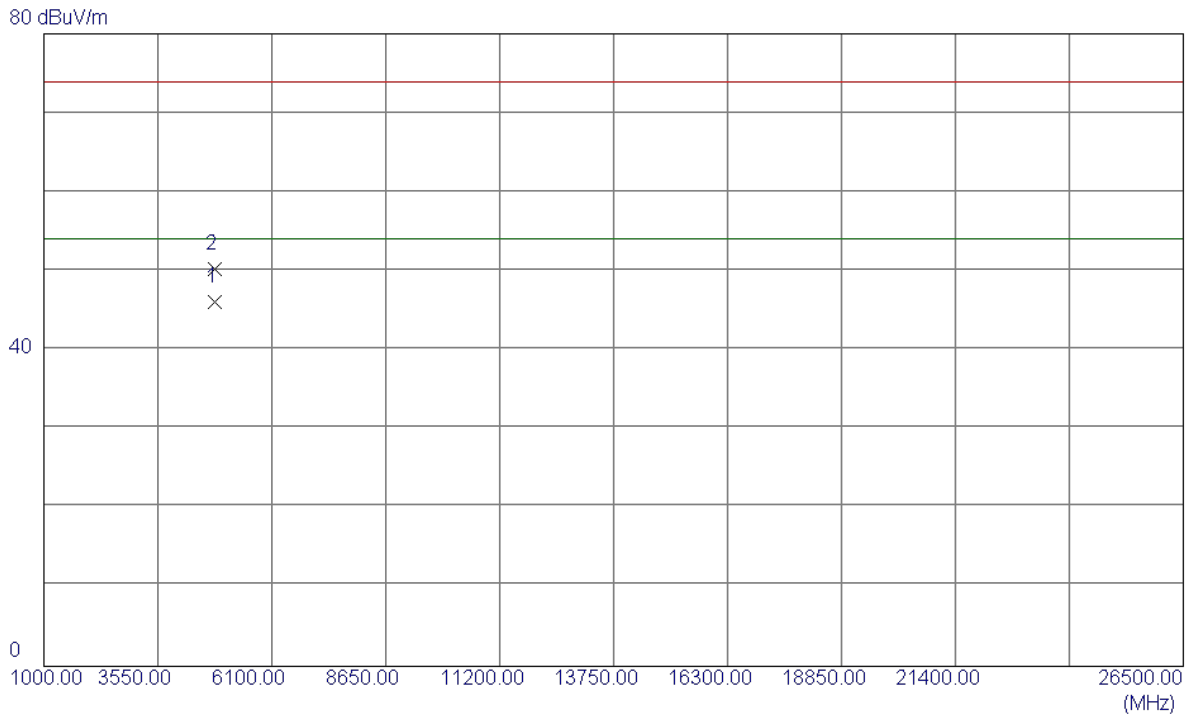
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	22.16	34.23	56.39	74.00	-17.61	Peak	
2	2390.0000	12.86	34.23	47.09	54.00	-6.91	AVG	
3	2411.2000	70.35	34.35	104.70	74.00	30.70	Peak	NO LIMIT
4 *	2413.0000	67.10	34.37	101.47	54.00	47.47	AVG	NO LIMIT

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

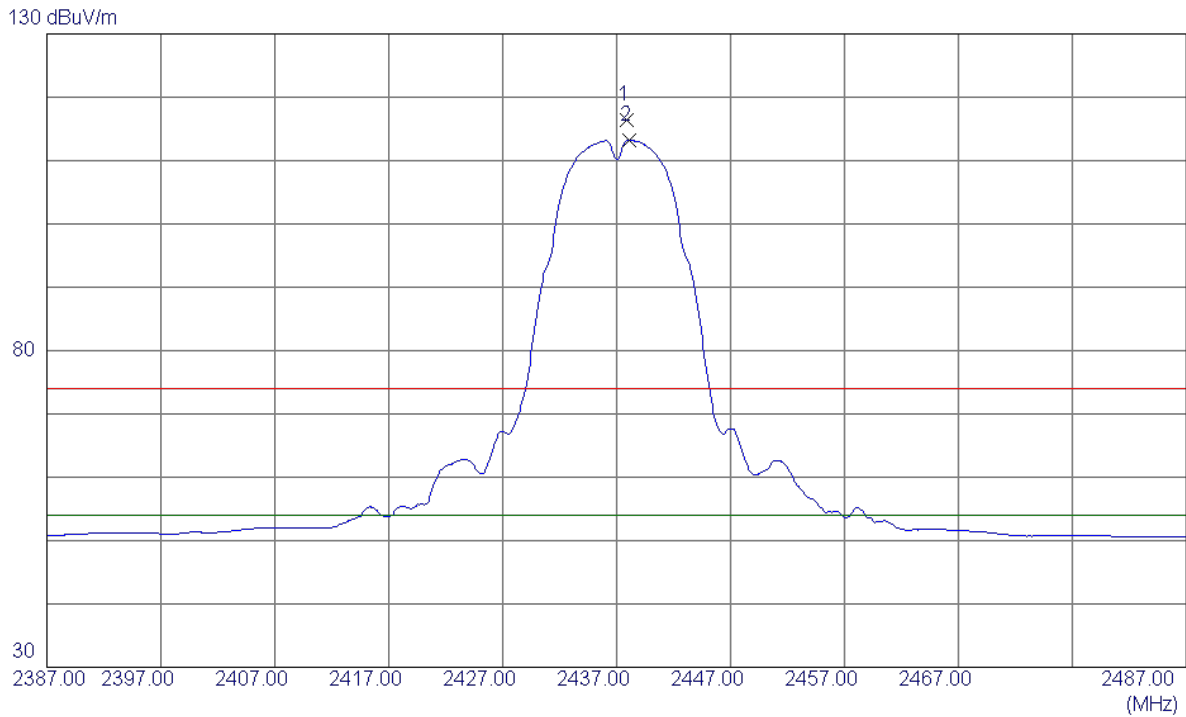
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.9850	43.07	3.00	46.07	54.00	-7.93	AVG	
2	4823.9850	47.18	3.00	50.18	74.00	-23.82	Peak	

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

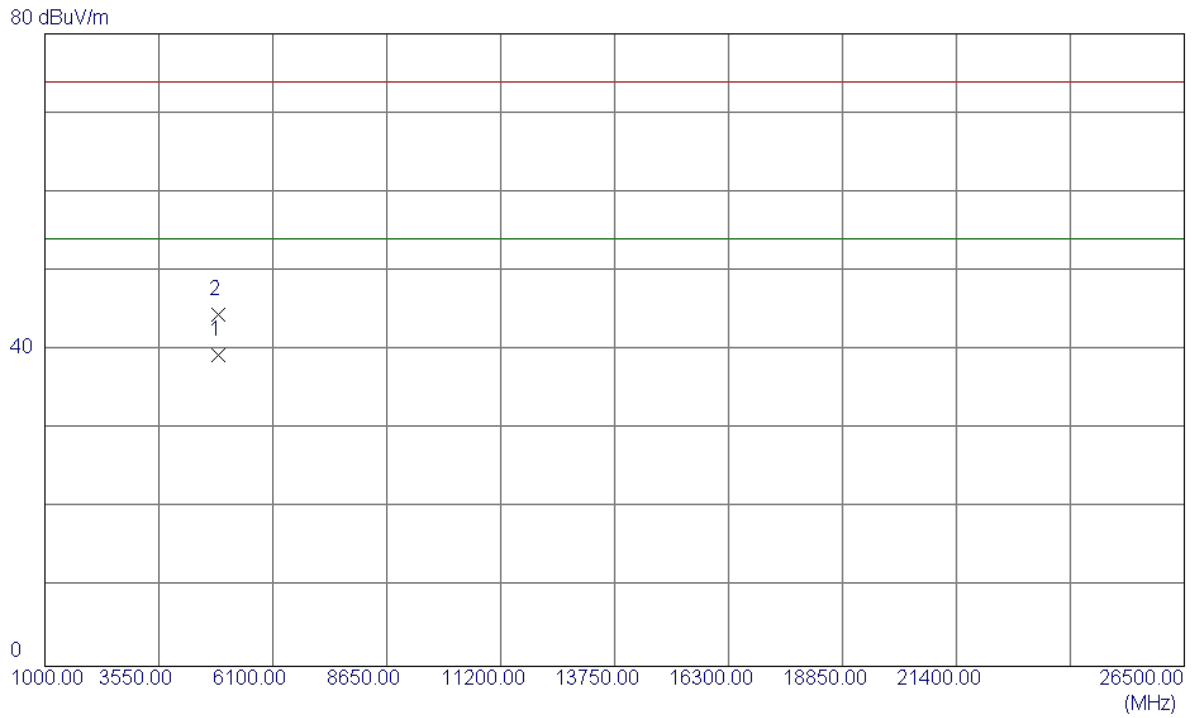
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2437.9000	81.97	34.51	116.48	74.00	42.48	Peak	NO LIMIT
2 *	2438.1000	78.76	34.51	113.27	54.00	59.27	AVG	NO LIMIT

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

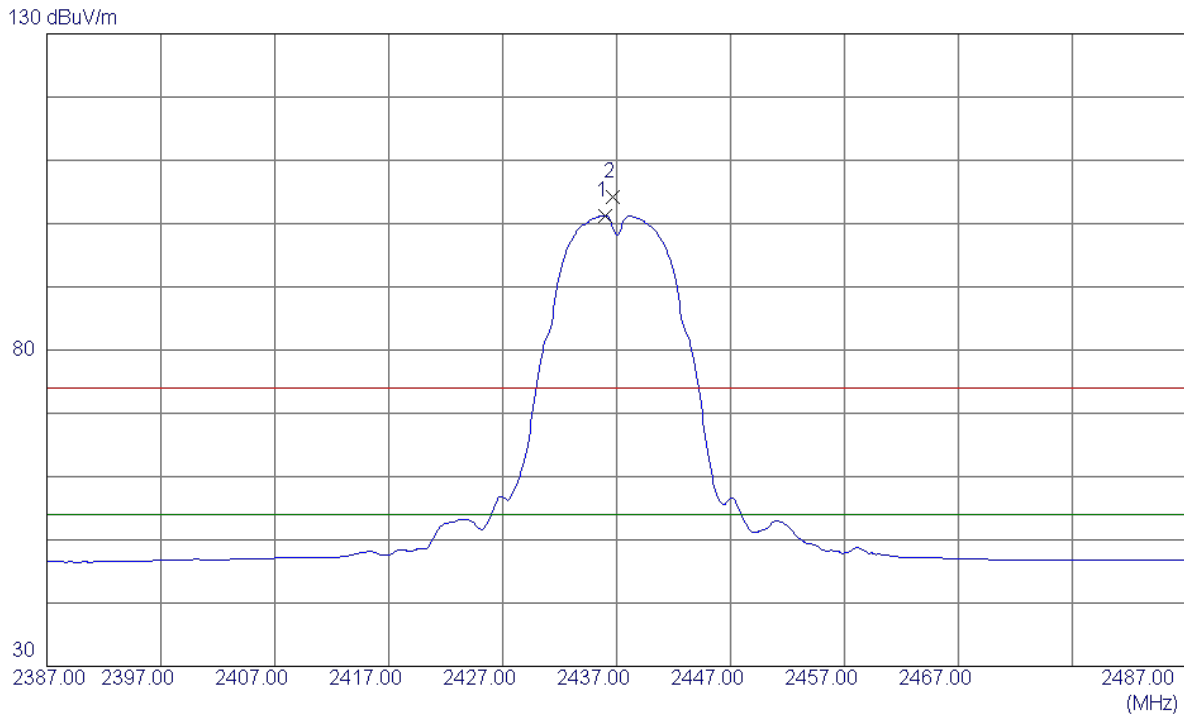
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.9850	36.40	3.03	39.43	54.00	-14.57	AVG	
2	4873.9550	41.46	3.03	44.49	74.00	-29.51	Peak	

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

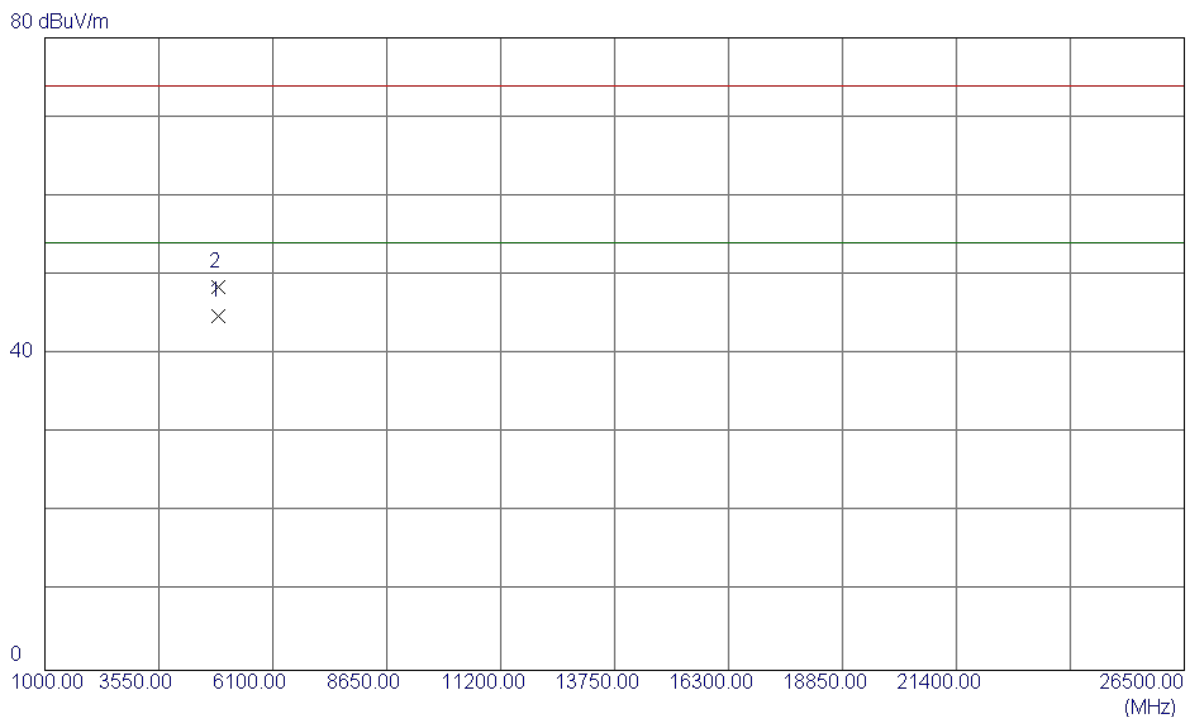
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2436.0000	66.76	34.50	101.26	54.00	47.26	AVG	NO LIMIT
2	2436.7000	69.74	34.50	104.24	74.00	30.24	Peak	NO LIMIT

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

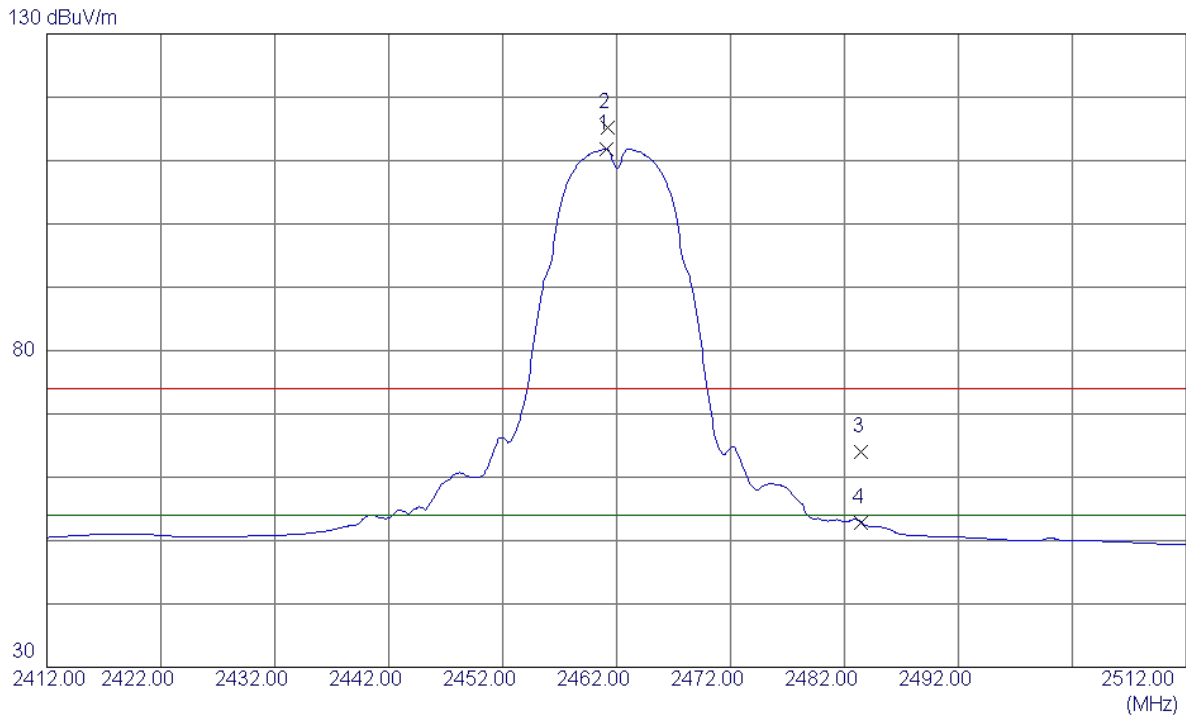
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.9850	41.73	3.03	44.76	54.00	-9.24	AVG	
2	4874.1150	45.42	3.03	48.45	74.00	-25.55	Peak	

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

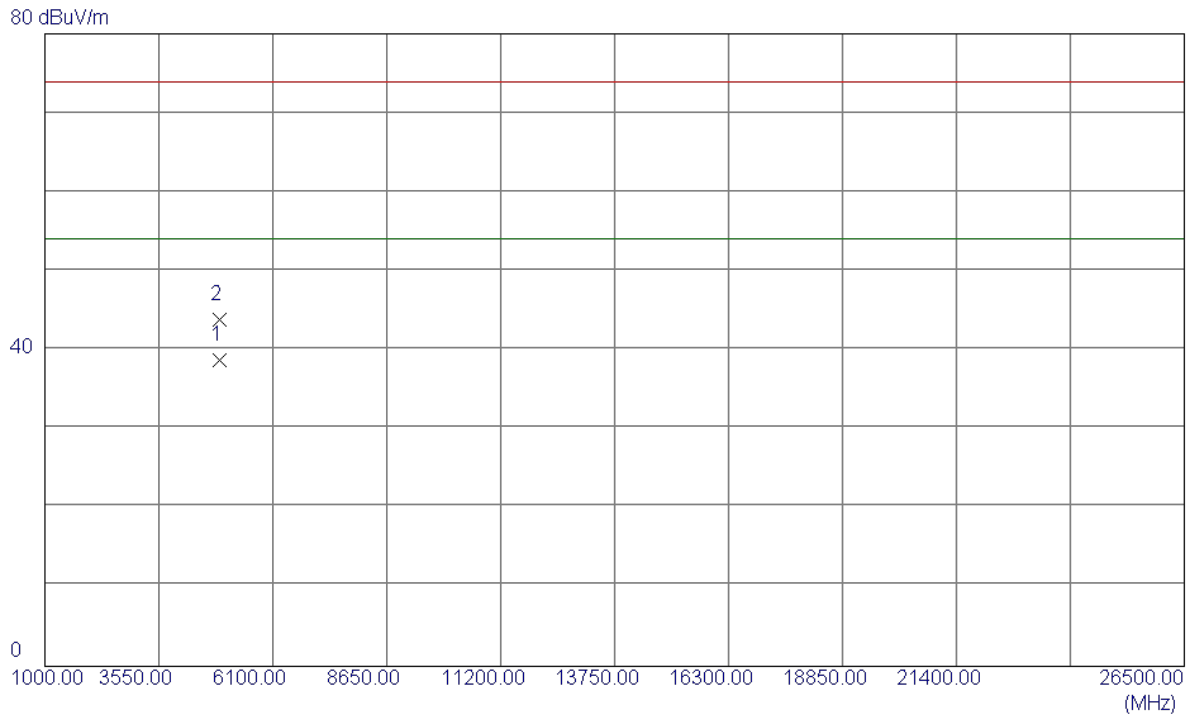
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2461.1000	77.18	34.64	111.82	54.00	57.82	AVG	NO LIMIT
2	2461.2000	80.47	34.64	115.11	74.00	41.11	Peak	NO LIMIT
3	2483.5000	29.24	34.77	64.01	74.00	-9.99	Peak	
4	2483.5000	18.07	34.77	52.84	54.00	-1.16	AVG	

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

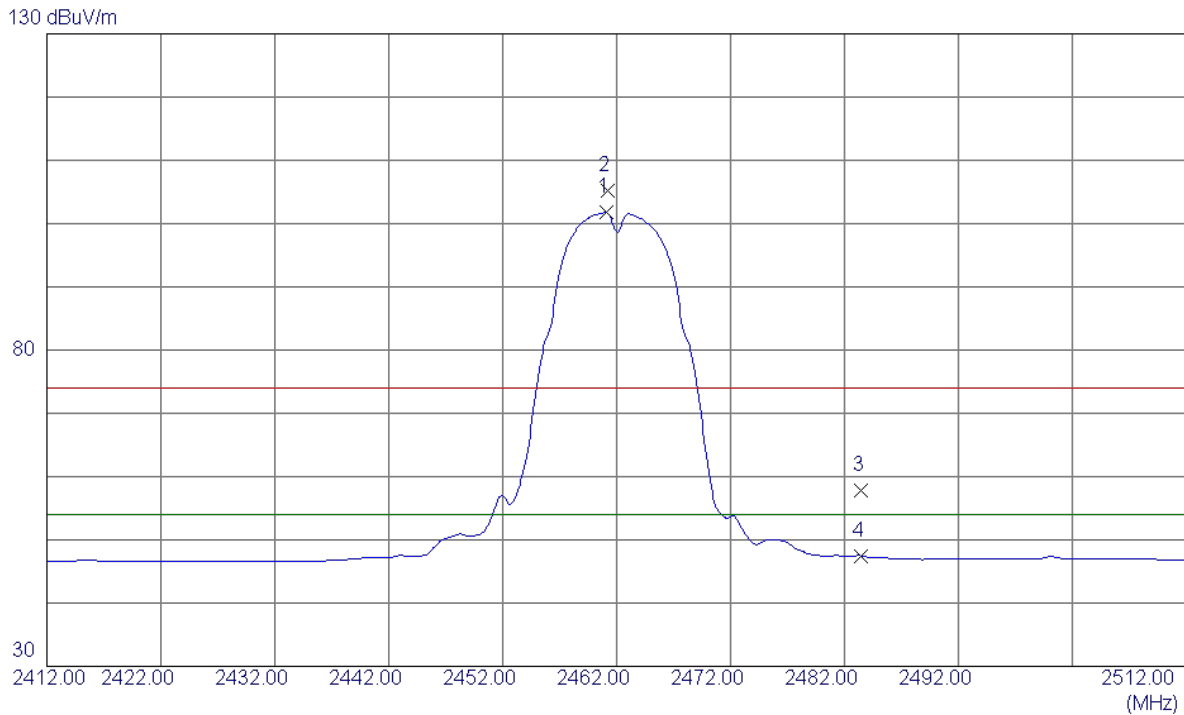
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.9850	35.71	3.05	38.76	54.00	-15.24	AVG	
2	4924.1000	40.81	3.05	43.86	74.00	-30.14	Peak	

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

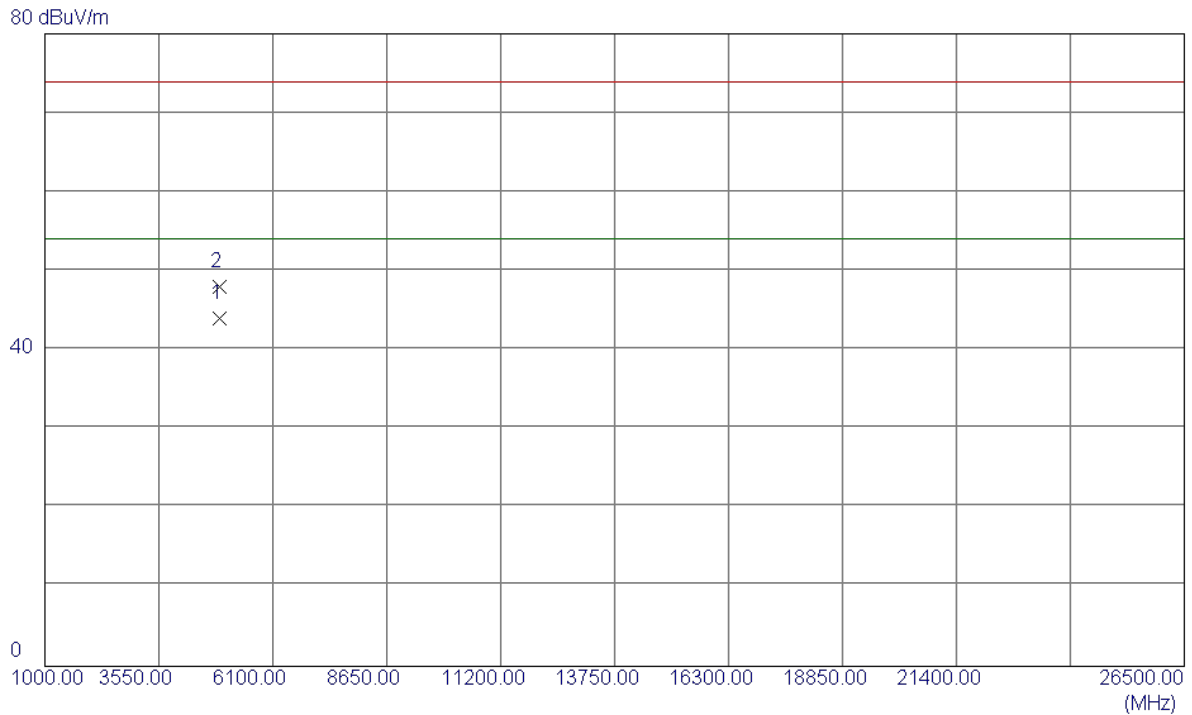
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2461.1000	67.11	34.64	101.75	54.00	47.75	AVG	NO LIMIT
2	2461.2000	70.51	34.64	105.15	74.00	31.15	Peak	NO LIMIT
3	2483.5000	23.09	34.77	57.86	74.00	-16.14	Peak	
4	2483.5000	12.66	34.77	47.43	54.00	-6.57	AVG	

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

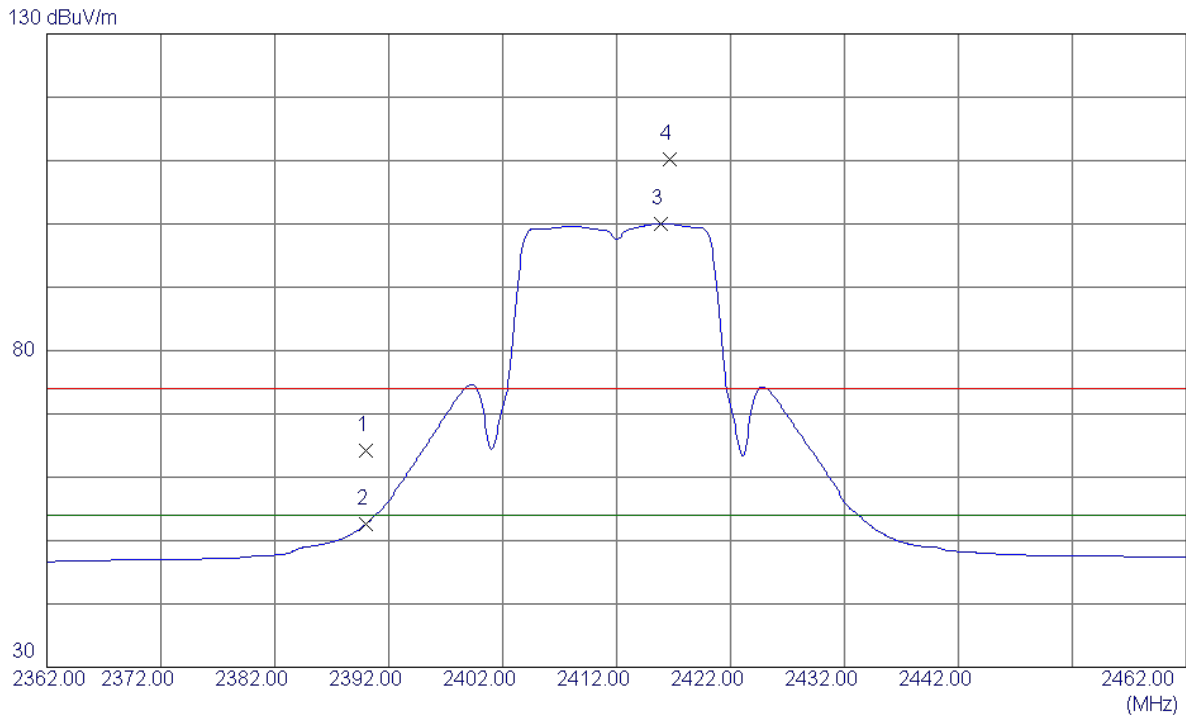
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.9800	40.90	3.05	43.95	54.00	-10.05	AVG	
2	4923.8000	44.96	3.05	48.01	74.00	-25.99	Peak	

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

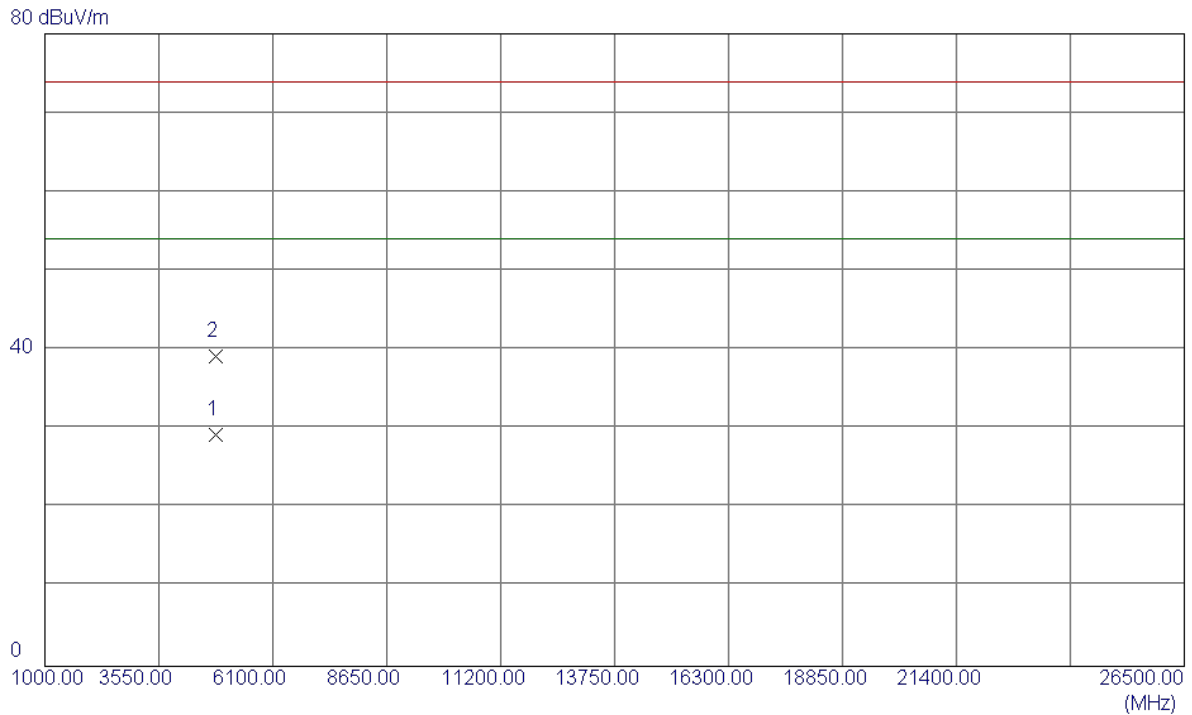
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	29.89	34.23	64.12	74.00	-9.88	Peak	
2	2390.0000	18.37	34.23	52.60	54.00	-1.40	AVG	
3 *	2416.9000	65.65	34.38	100.03	54.00	46.03	AVG	NO LIMIT
4	2416.7000	75.86	34.39	110.25	74.00	36.25	Peak	NO LIMIT

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

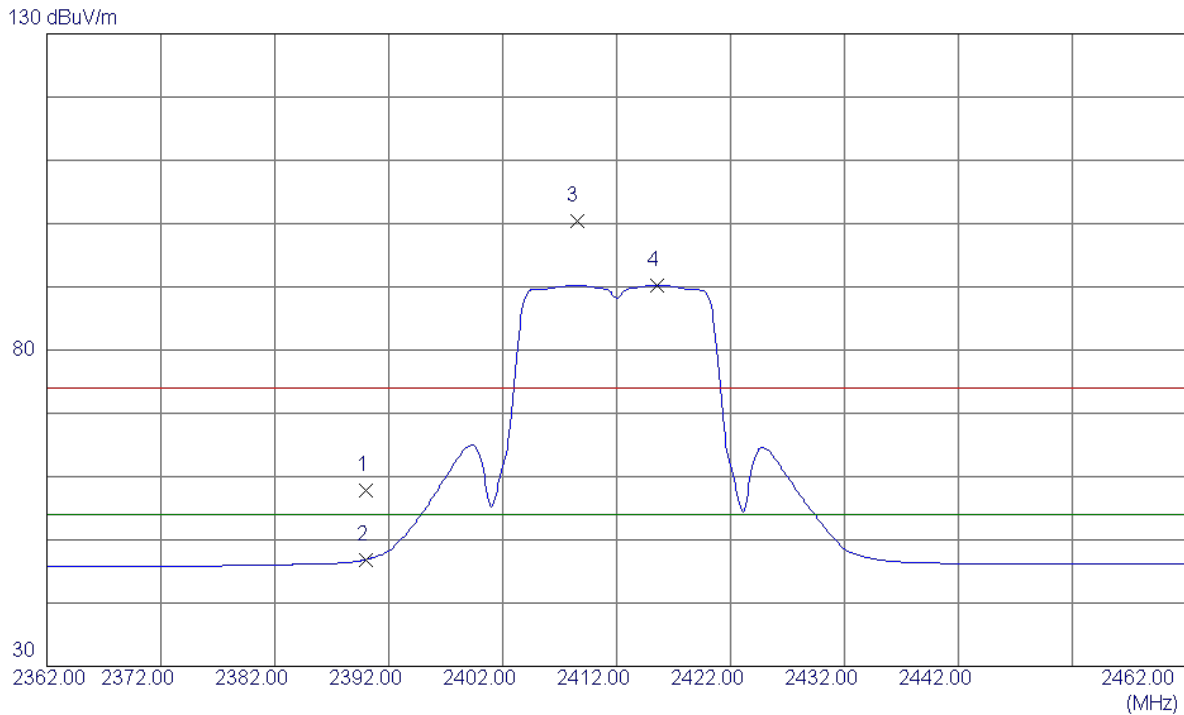
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.7230	26.28	3.00	29.28	54.00	-24.72	AVG	
2	4824.6790	36.25	3.00	39.25	74.00	-34.75	Peak	

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

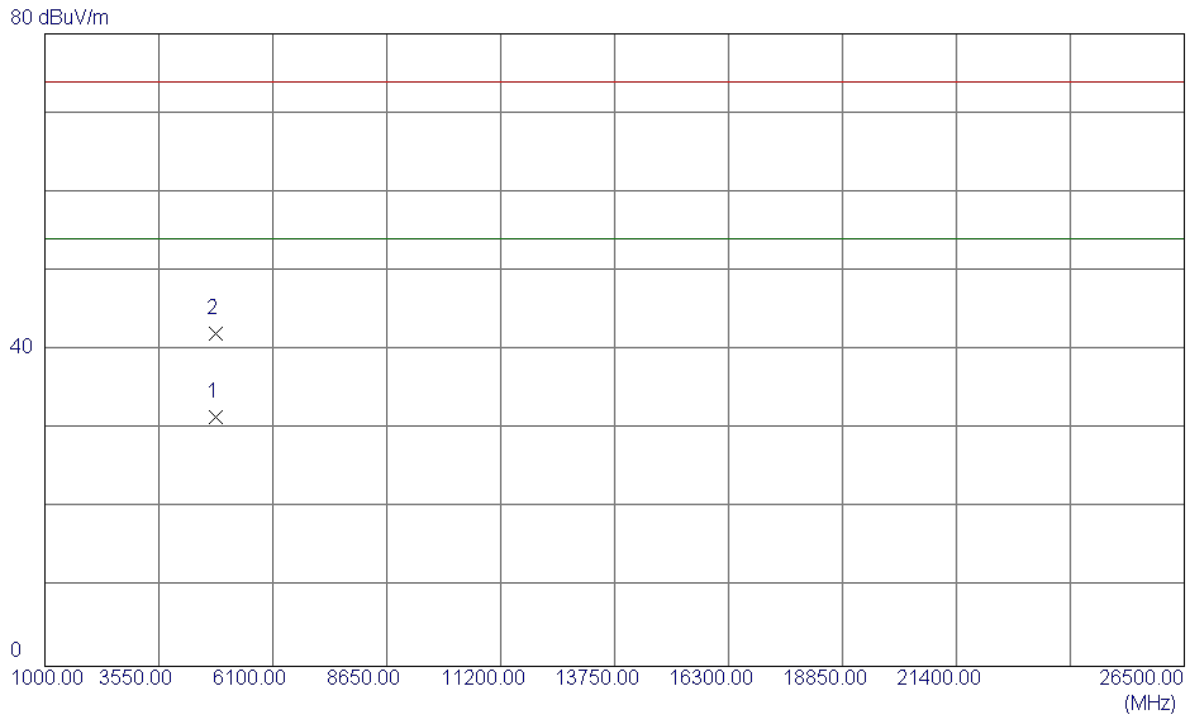
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	23.61	34.23	57.84	74.00	-16.16	Peak	
2	2390.0000	12.63	34.23	46.86	54.00	-7.14	AVG	
3	2408.5000	66.06	34.34	100.40	74.00	26.40	Peak	NO LIMIT
4 *	2415.6000	55.87	34.38	90.25	54.00	36.25	AVG	NO LIMIT

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

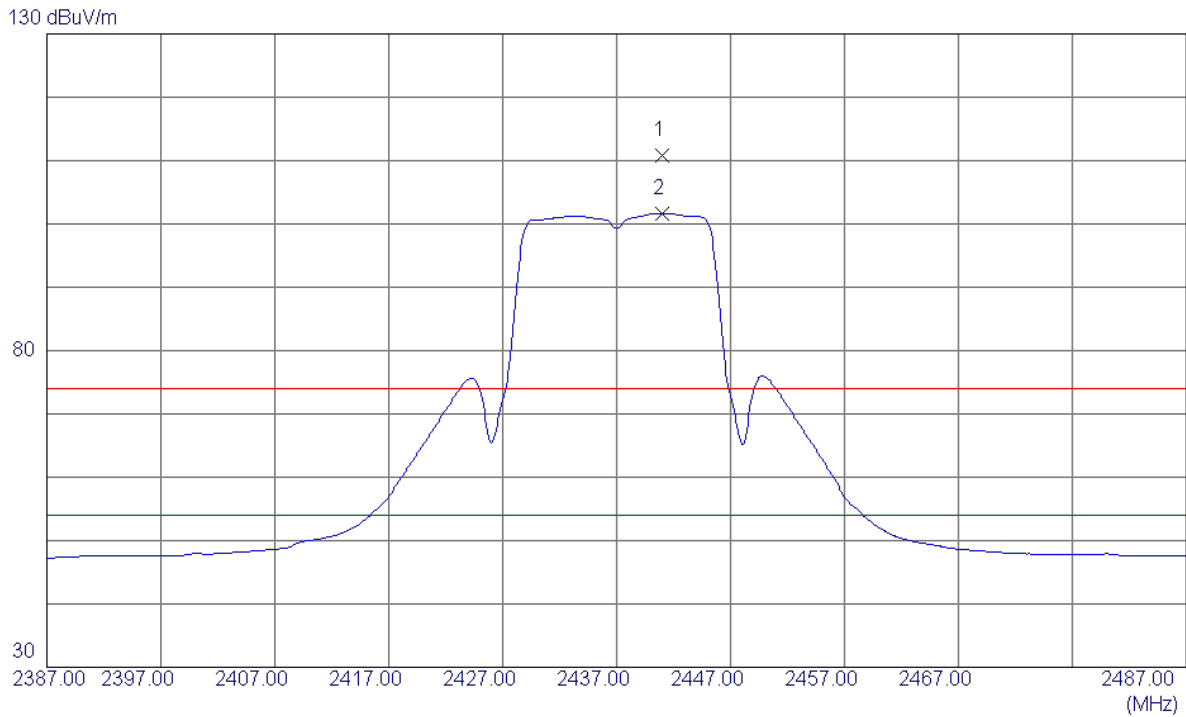
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.7650	28.59	3.00	31.59	54.00	-22.41	AVG	
2	4823.1200	39.14	3.00	42.14	74.00	-31.86	Peak	

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

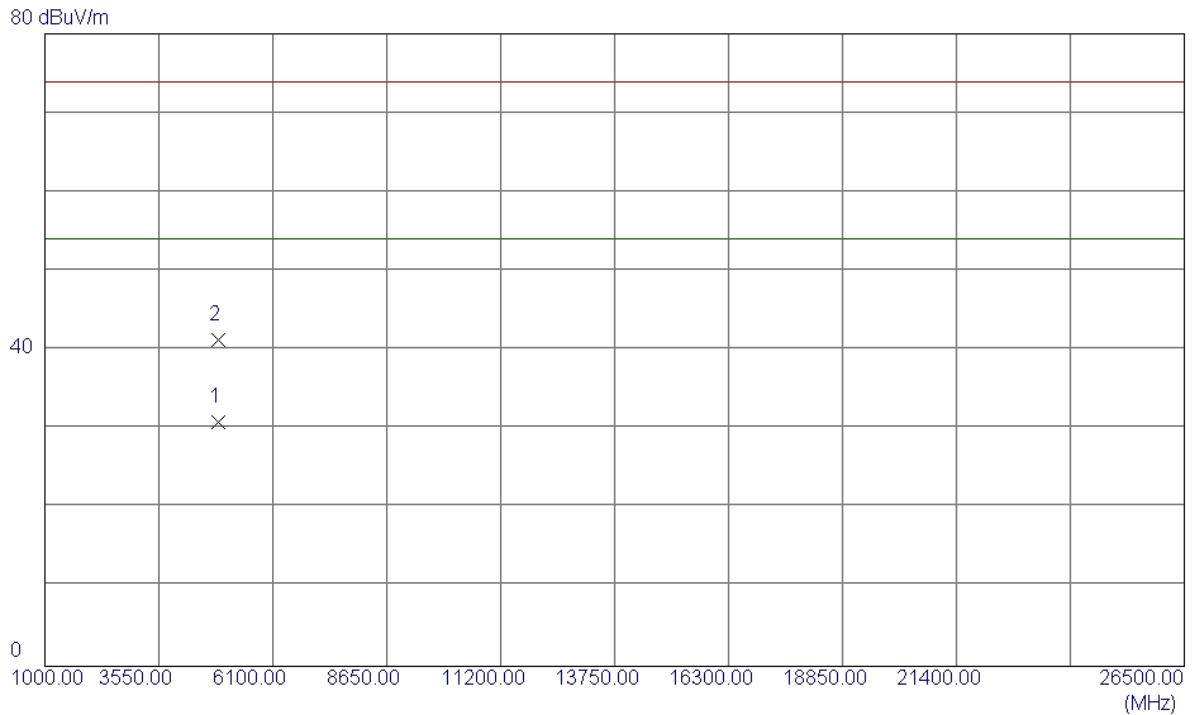
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2441.0000	76.22	34.53	110.75	74.00	36.75	Peak	NO LIMIT
2 *	2441.0000	67.12	34.53	101.65	54.00	47.65	AVG	NO LIMIT

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

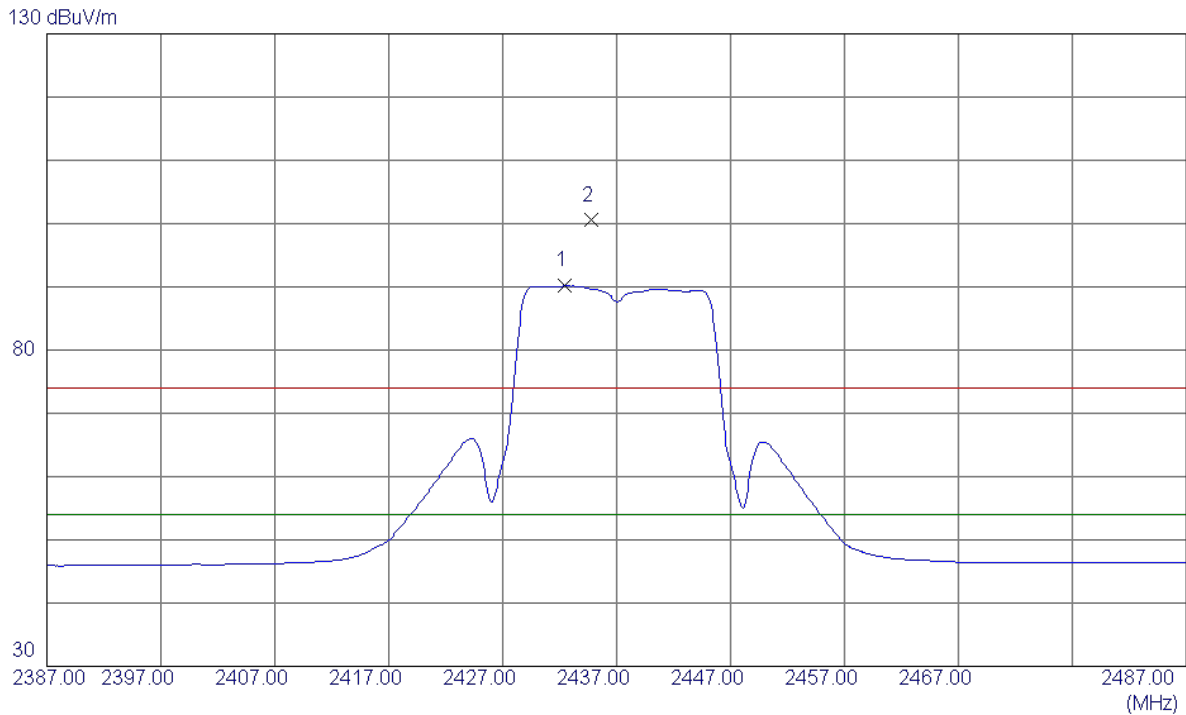
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.6380	27.89	3.03	30.92	54.00	-23.08	AVG	
2	4874.2380	38.27	3.03	41.30	74.00	-32.70	Peak	

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

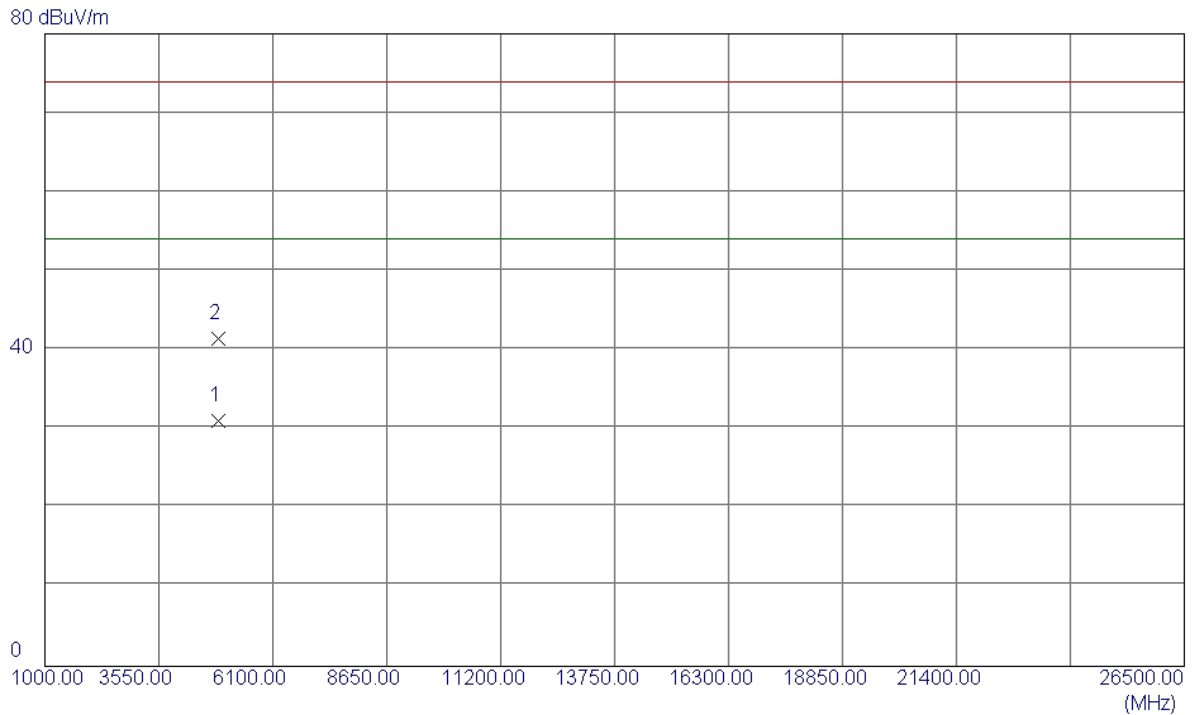
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2432.4000	55.68	34.48	90.16	54.00	36.16	AVG	NO LIMIT
2	2434.8000	66.01	34.49	100.50	74.00	26.50	Peak	NO LIMIT

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

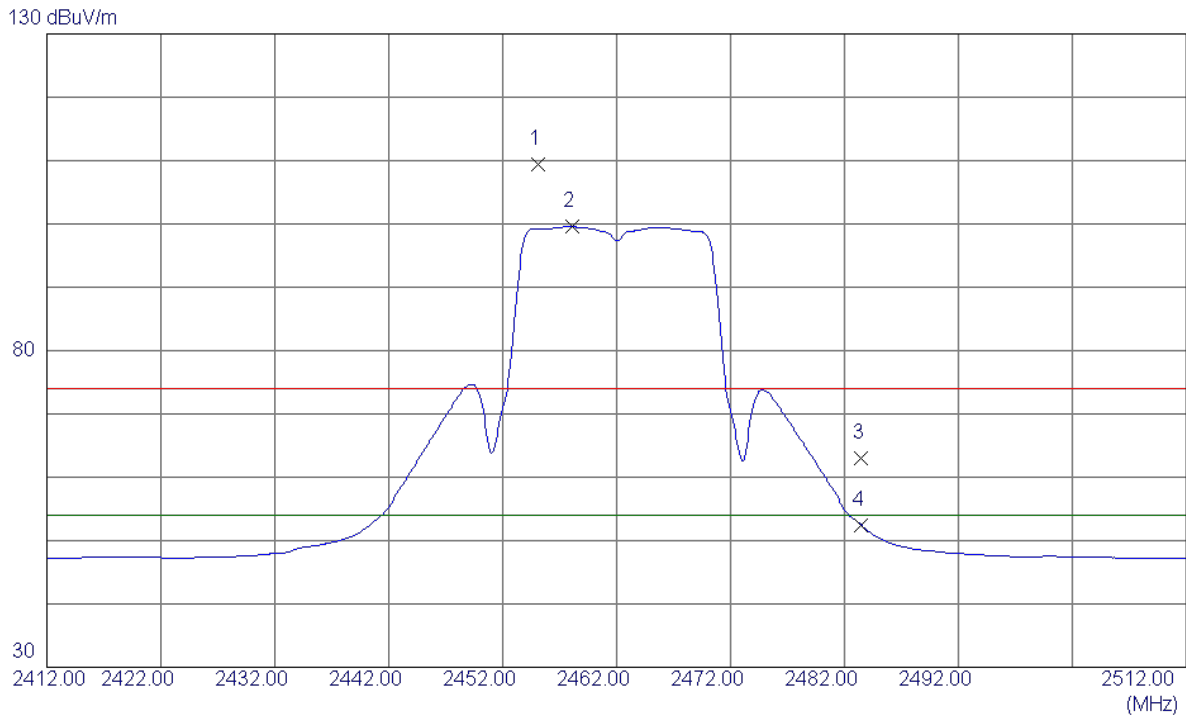
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.4720	27.95	3.03	30.98	54.00	-23.02	AVG	
2	4874.1640	38.35	3.03	41.38	74.00	-32.62	Peak	

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

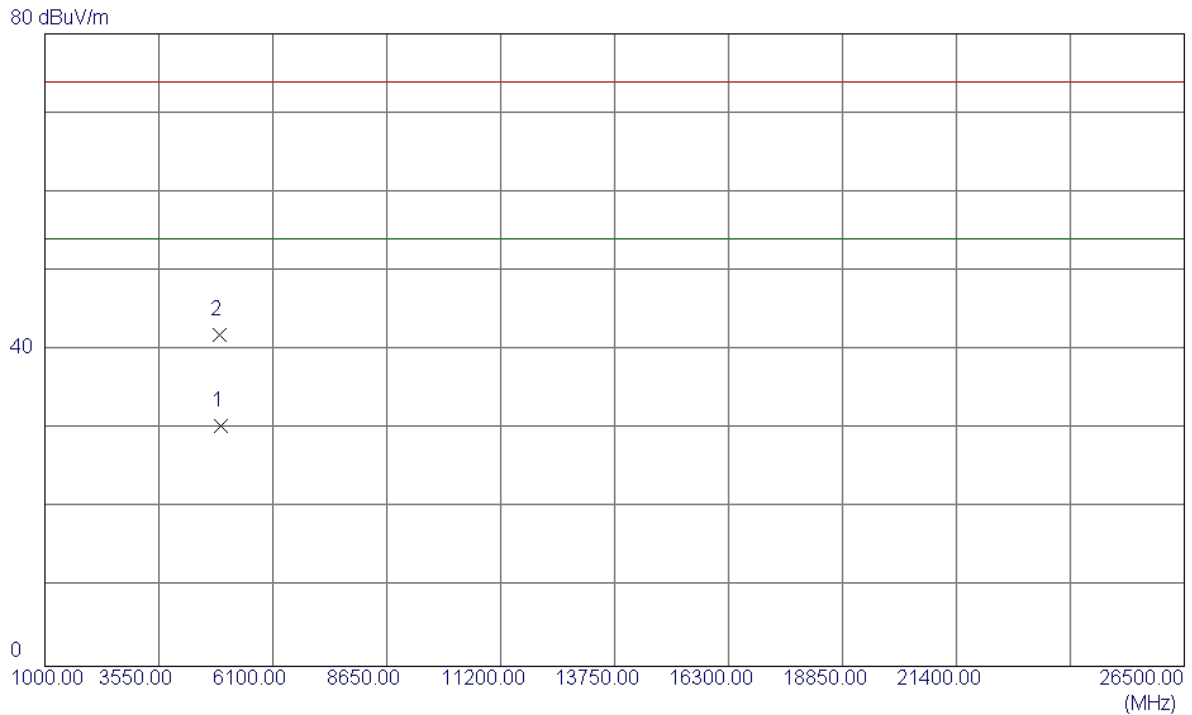
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2455.1000	74.85	34.61	109.46	74.00	35.46	Peak	NO LIMIT
2 *	2458.1000	64.93	34.63	99.56	54.00	45.56	AVG	NO LIMIT
3	2483.5000	28.14	34.77	62.91	74.00	-11.09	Peak	
4	2483.5000	17.62	34.77	52.39	54.00	-1.61	AVG	

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

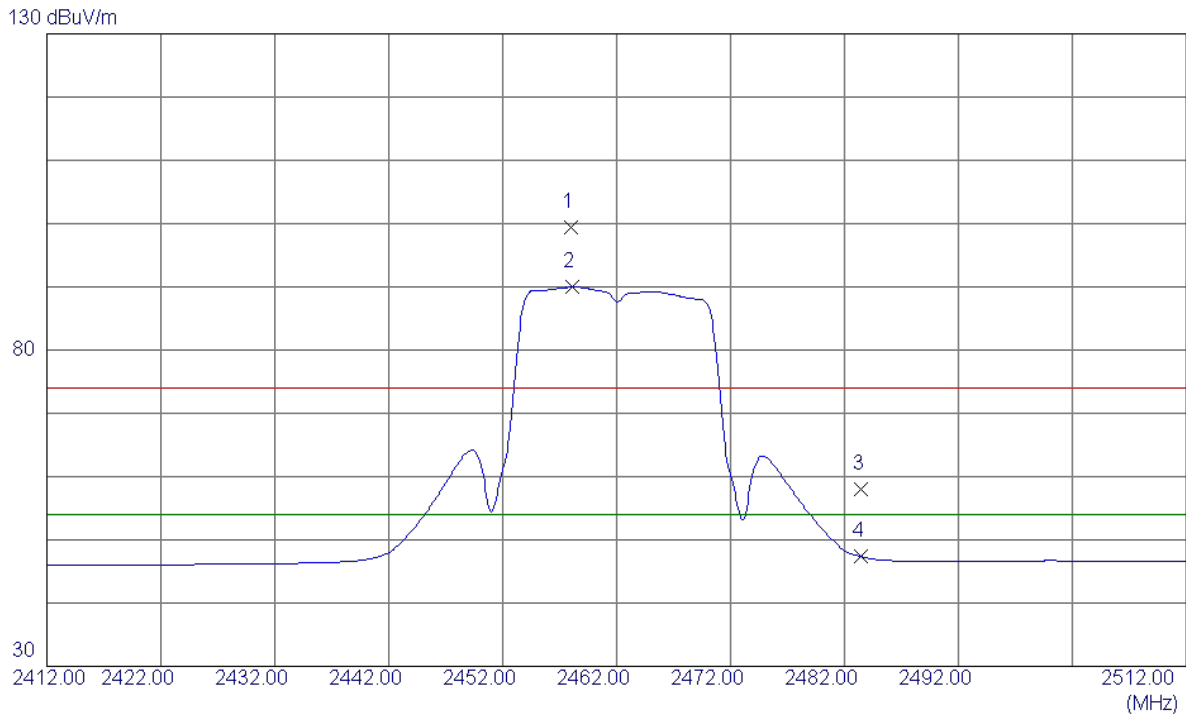
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4924.7719	27.32	3.05	30.37	54.00	-23.63	AVG	
2	4924.1220	38.80	3.05	41.85	74.00	-32.15	Peak	

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

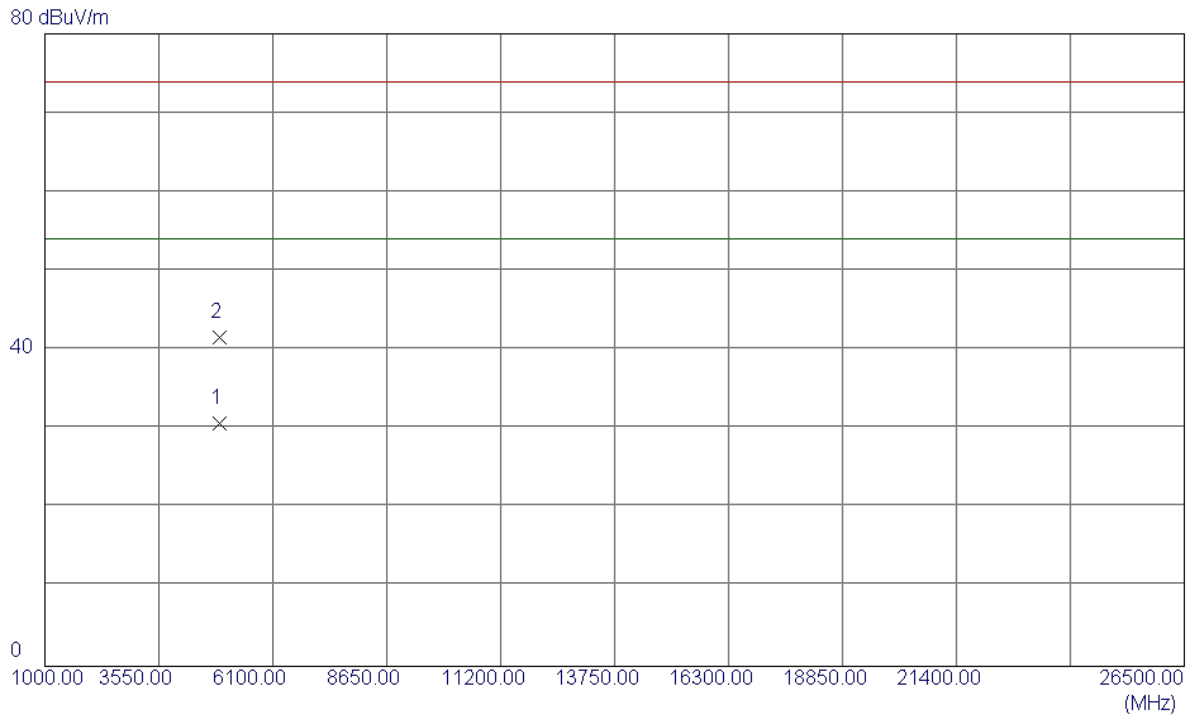
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2458.0000	64.76	34.63	99.39	74.00	25.39	Peak	NO LIMIT
2 *	2458.1000	55.33	34.63	89.96	54.00	35.96	AVG	NO LIMIT
3	2483.5000	23.21	34.77	57.98	74.00	-16.02	Peak	
4	2483.5000	12.55	34.77	47.32	54.00	-6.68	AVG	

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

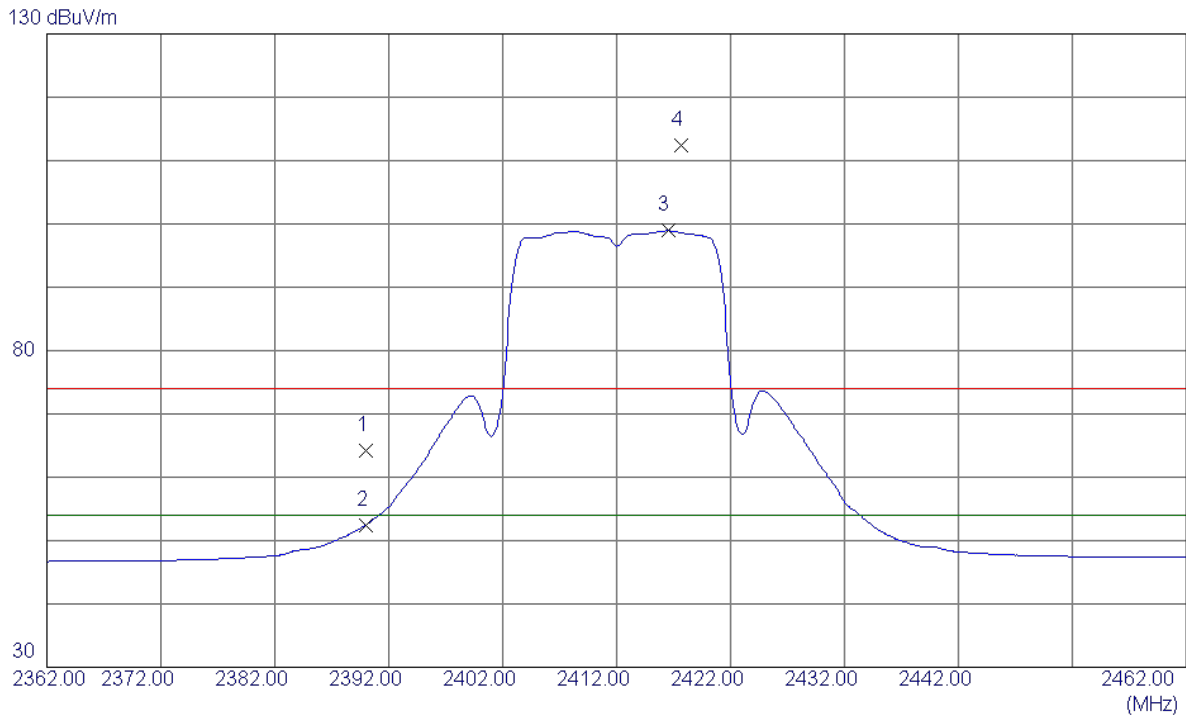
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4924.1250	27.73	3.05	30.78	54.00	-23.22	AVG	
2	4923.8320	38.53	3.05	41.58	74.00	-32.42	Peak	

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

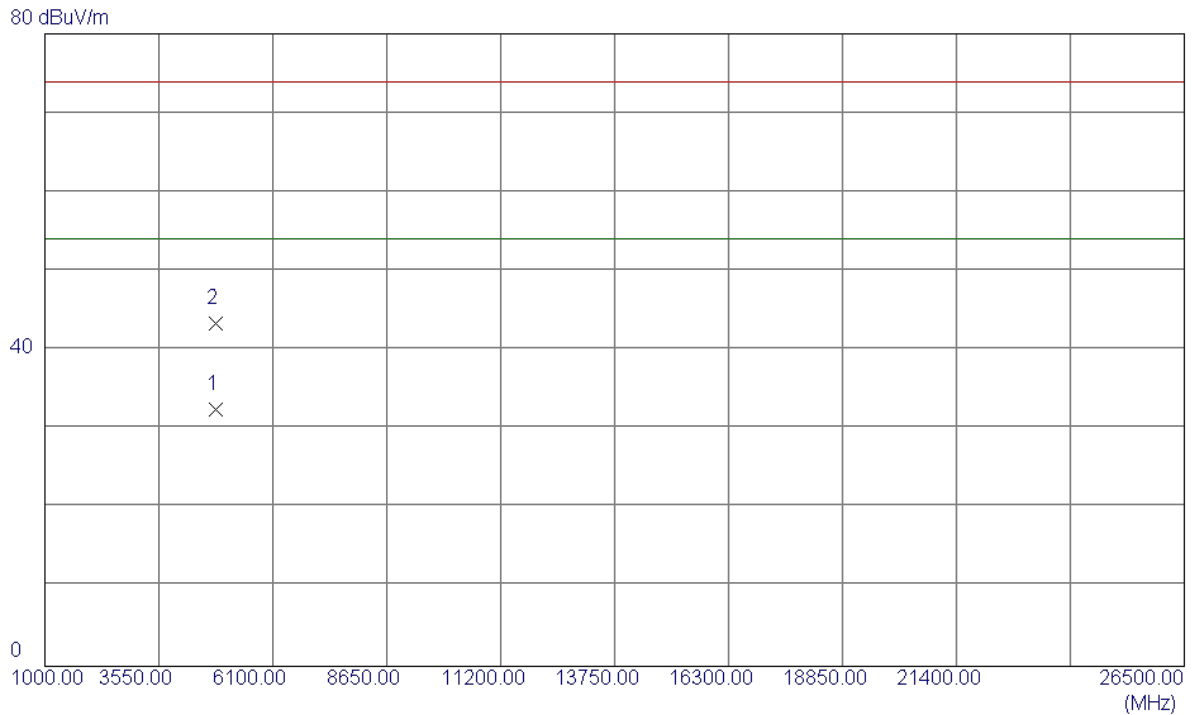
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	29.88	34.23	64.11	74.00	-9.89	Peak	
2	2390.0000	18.26	34.23	52.49	54.00	-1.51	AVG	
3 *	2416.5000	64.52	34.39	98.91	54.00	44.91	AVG	NO LIMIT
4	2417.7000	77.94	34.39	112.33	74.00	38.33	Peak	NO LIMIT

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

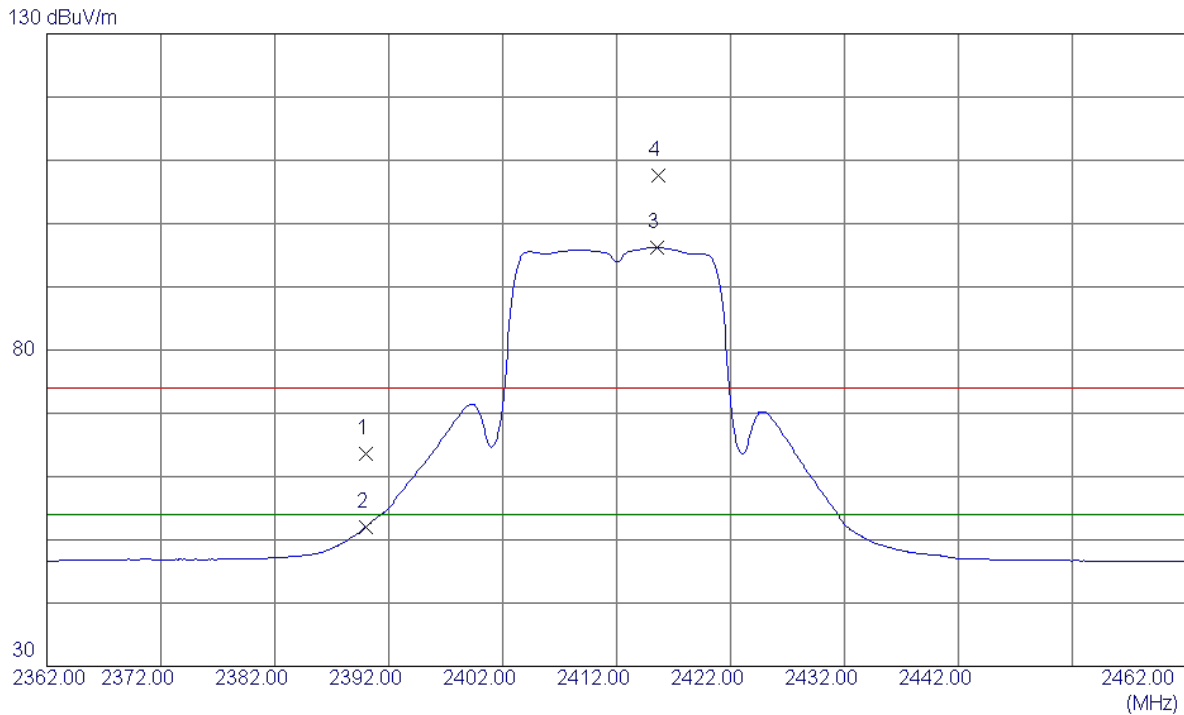
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.7700	29.49	3.00	32.49	54.00	-21.51	AVG	
2	4824.1880	40.36	3.00	43.36	74.00	-30.64	Peak	

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

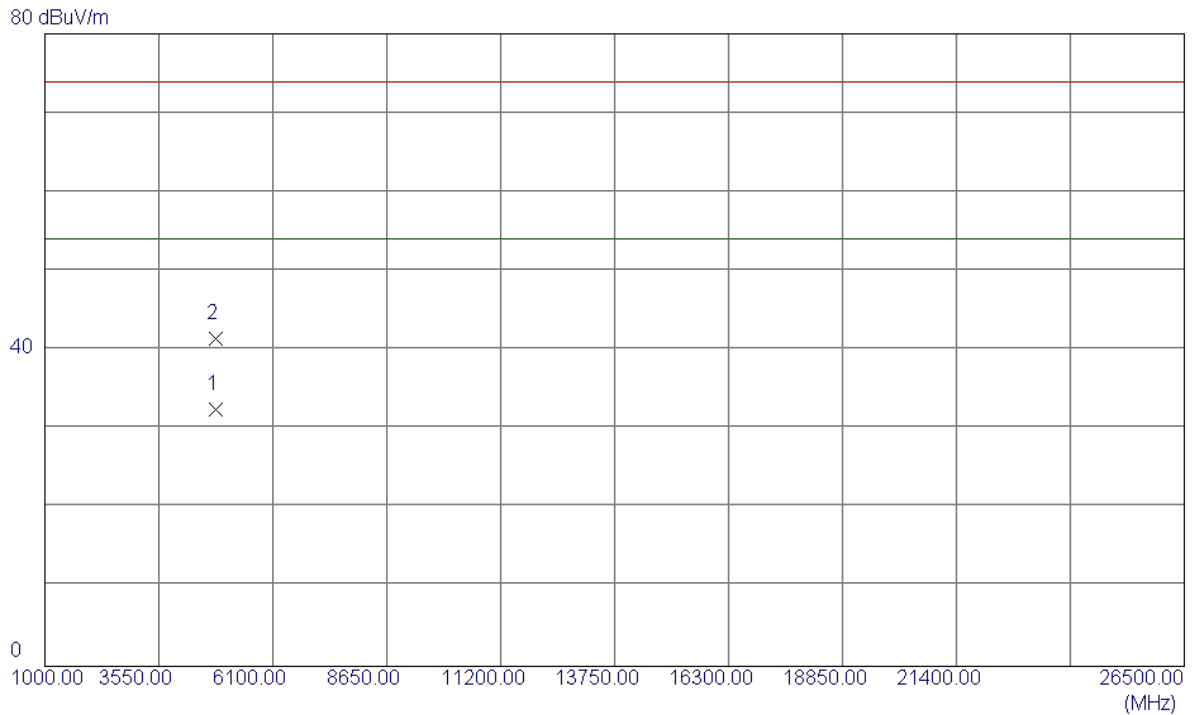
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	29.32	34.23	63.55	74.00	-10.45	Peak	
2	2390.0000	17.83	34.23	52.06	54.00	-1.94	AVG	
3 *	2415.6000	61.79	34.38	96.17	54.00	42.17	AVG	NO LIMIT
4	2415.7000	73.31	34.38	107.69	74.00	33.69	Peak	NO LIMIT

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

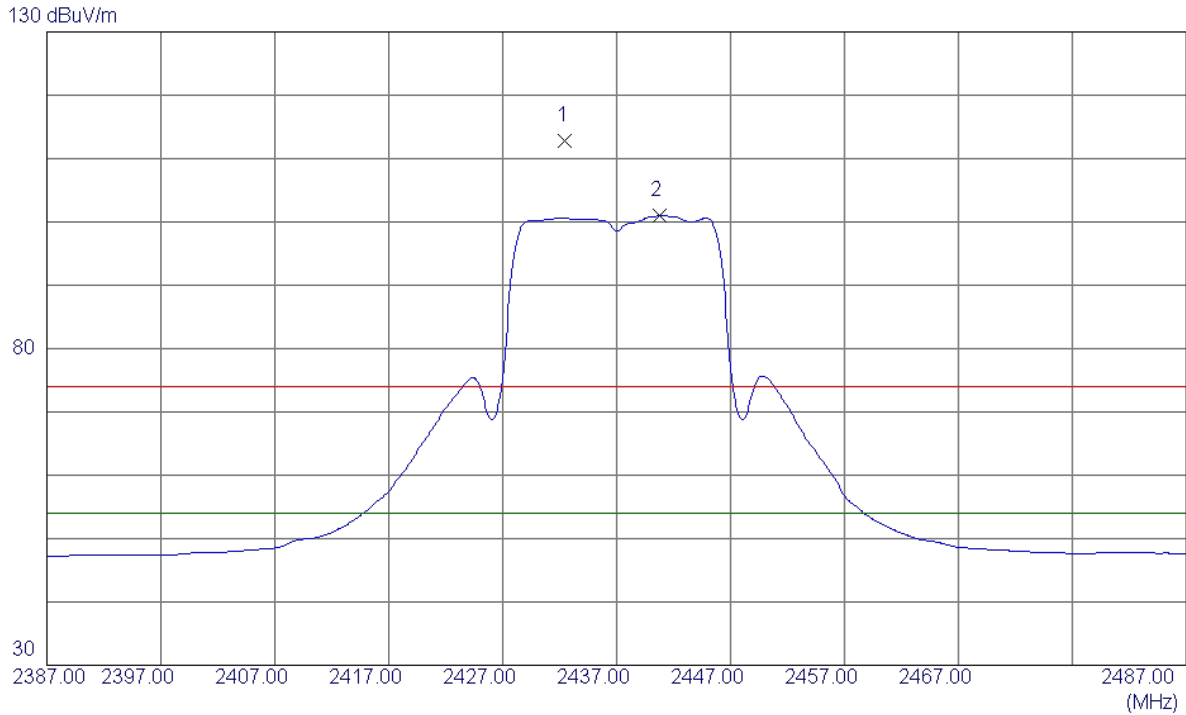
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4824.2799	29.41	3.00	32.41	54.00	-21.59	AVG	
2	4823.3420	38.37	3.00	41.37	74.00	-32.63	Peak	

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

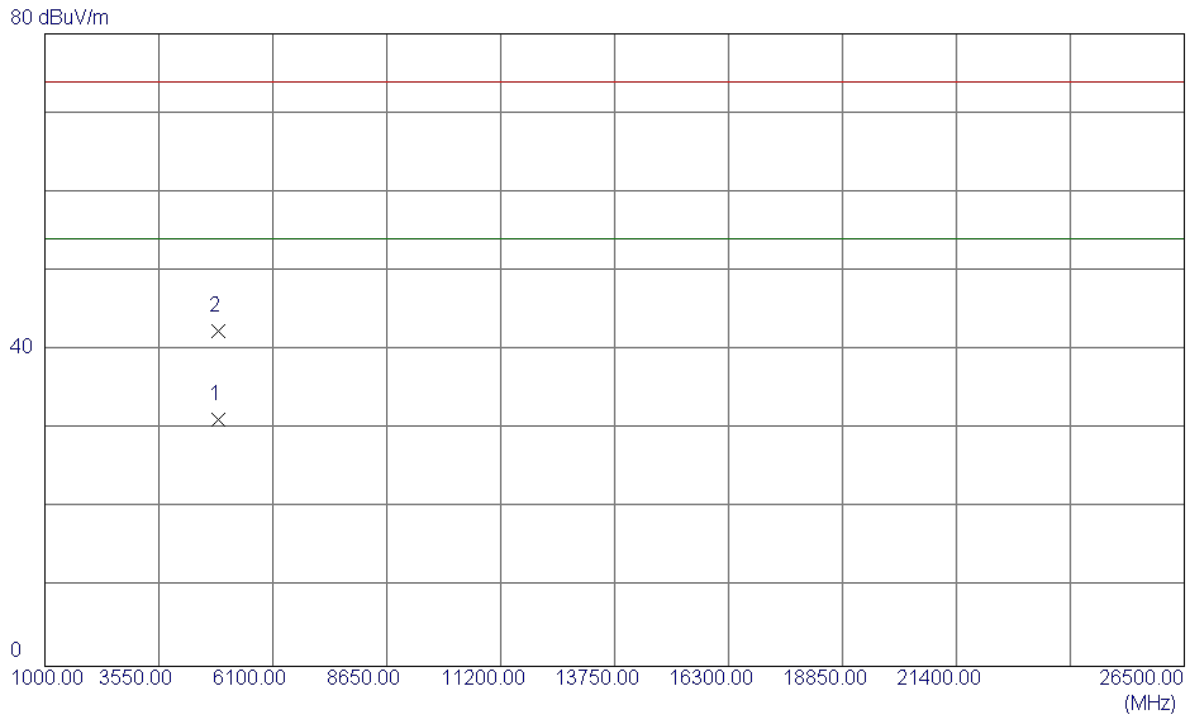
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2432.5000	78.27	34.48	112.75	74.00	38.75	Peak	NO LIMIT
2 *	2440.8000	66.40	34.53	100.93	54.00	46.93	AVG	NO LIMIT

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

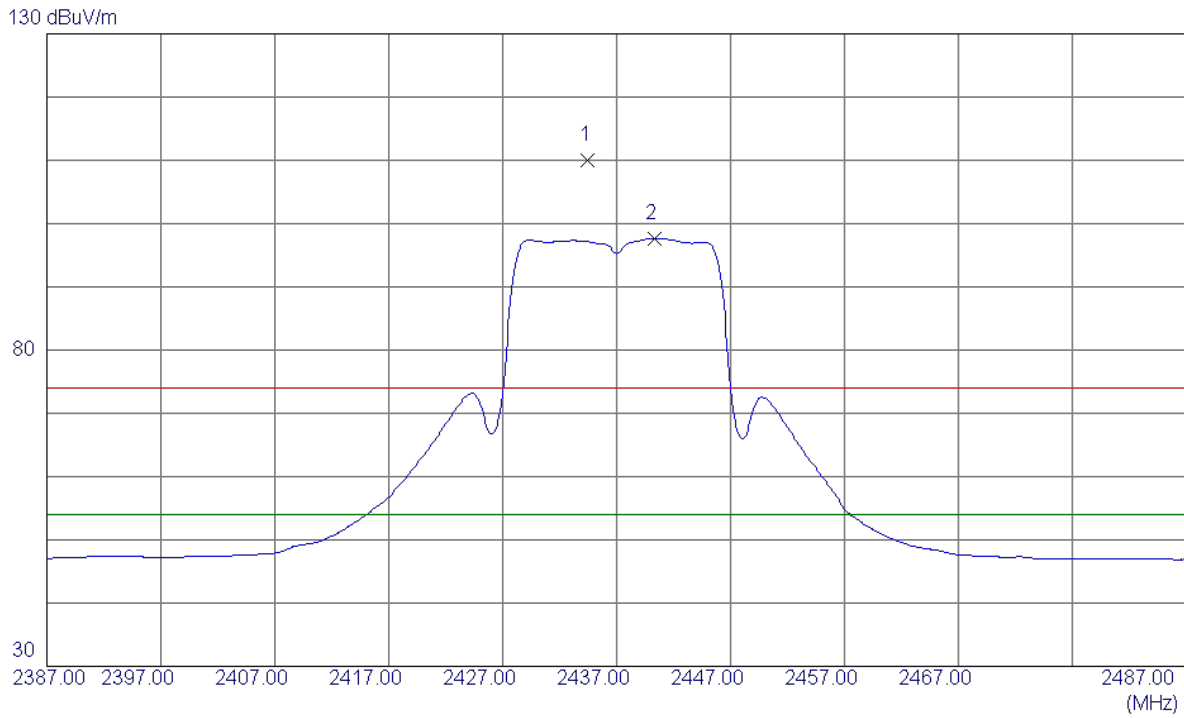
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4874.2360	28.24	3.03	31.27	54.00	-22.73	AVG	
2	4874.1690	39.36	3.03	42.39	74.00	-31.61	Peak	

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

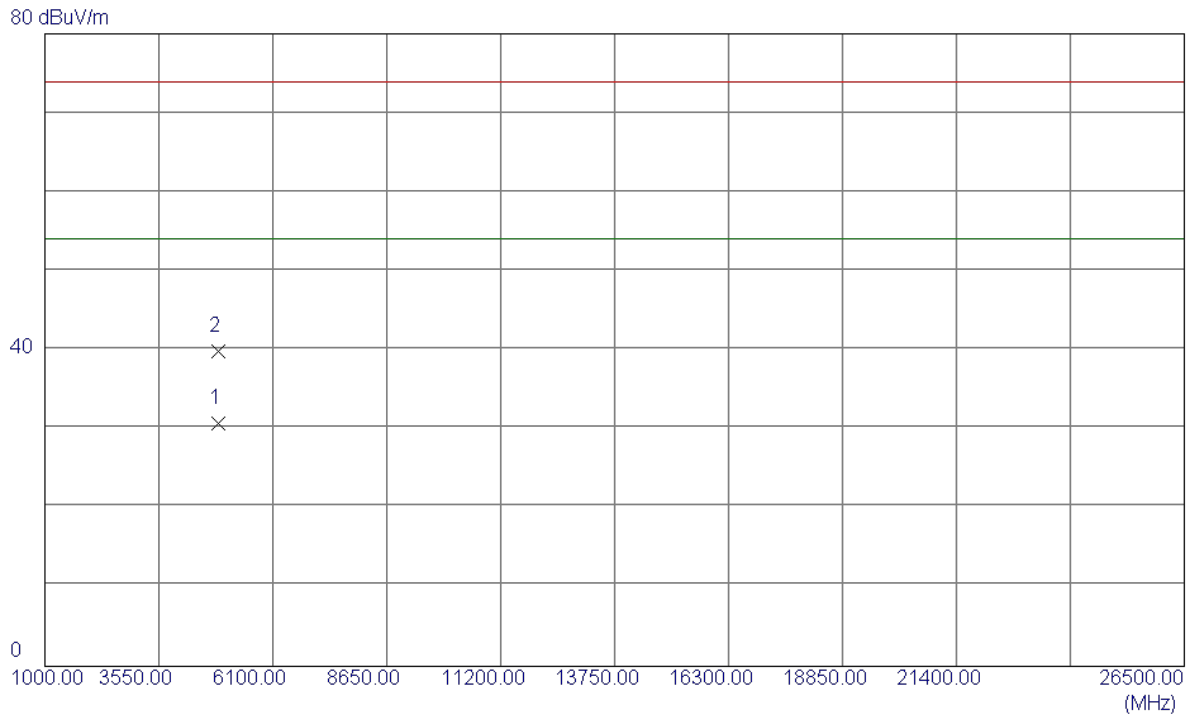
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2434.5000	75.60	34.49	110.09	74.00	36.09	Peak	NO LIMIT
2 *	2440.3000	63.10	34.52	97.62	54.00	43.62	AVG	NO LIMIT

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

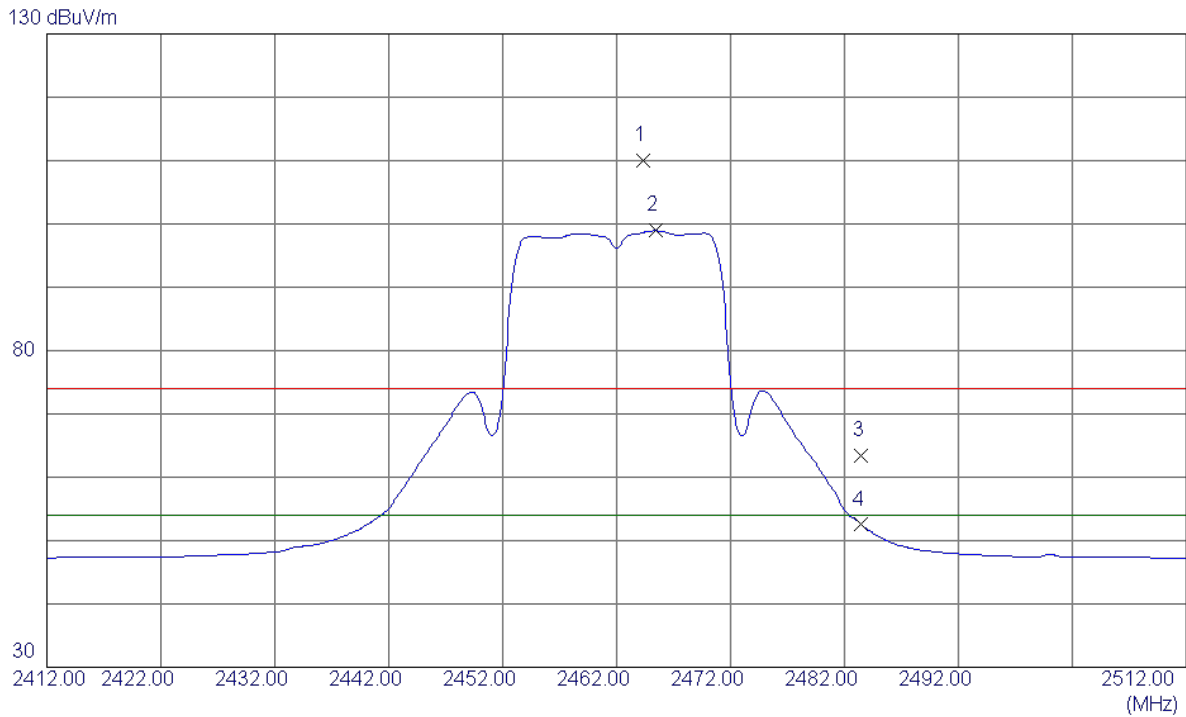
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.4610	27.64	3.03	30.67	54.00	-23.33	AVG	
2	4874.2780	36.86	3.03	39.89	74.00	-34.11	Peak	

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

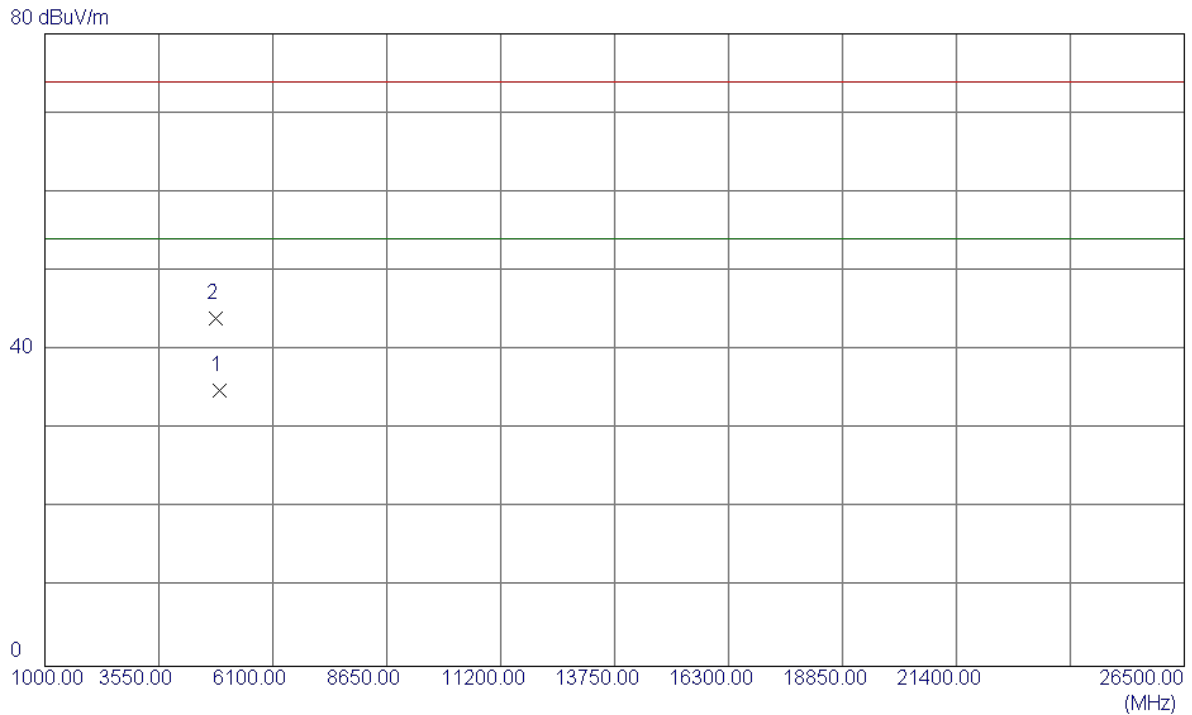
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2464.3000	75.44	34.66	110.10	74.00	36.10	Peak	NO LIMIT
2 *	2465.4000	64.25	34.67	98.92	54.00	44.92	AVG	NO LIMIT
3	2483.5000	28.56	34.77	63.33	74.00	-10.67	Peak	
4	2483.5000	17.73	34.77	52.50	54.00	-1.50	AVG	

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

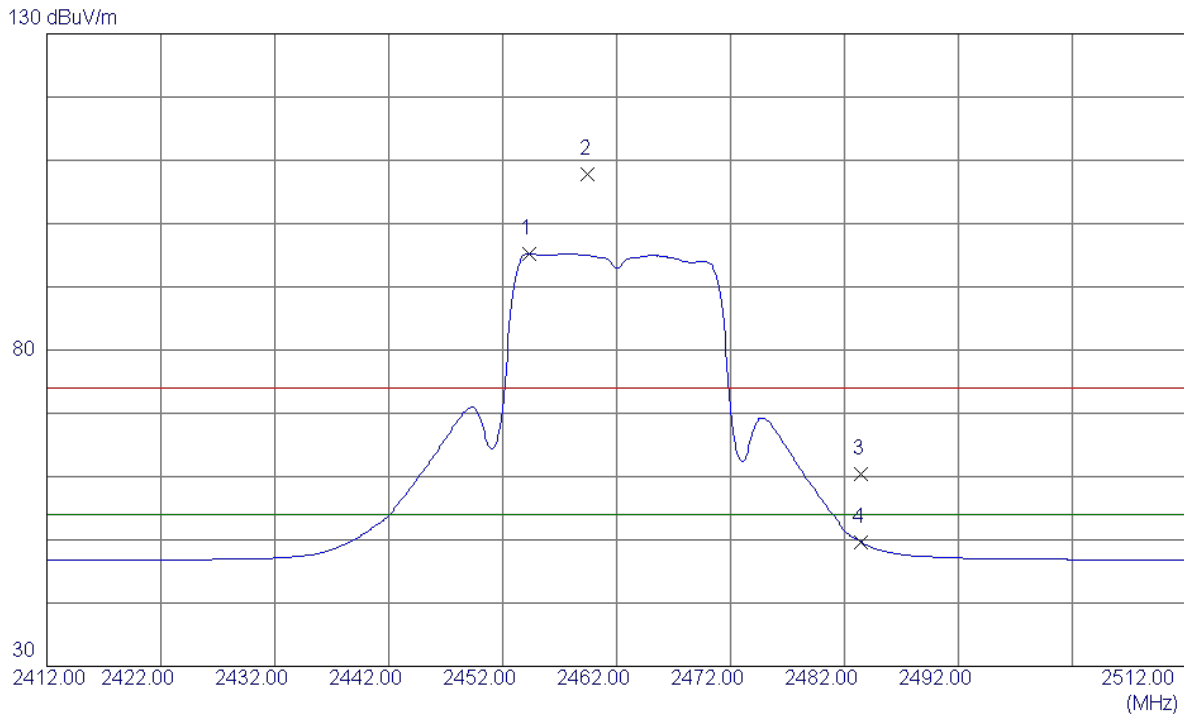
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.7650	31.89	3.05	34.94	54.00	-19.06	AVG	
2	4824.5920	40.98	3.00	43.98	74.00	-30.02	Peak	

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

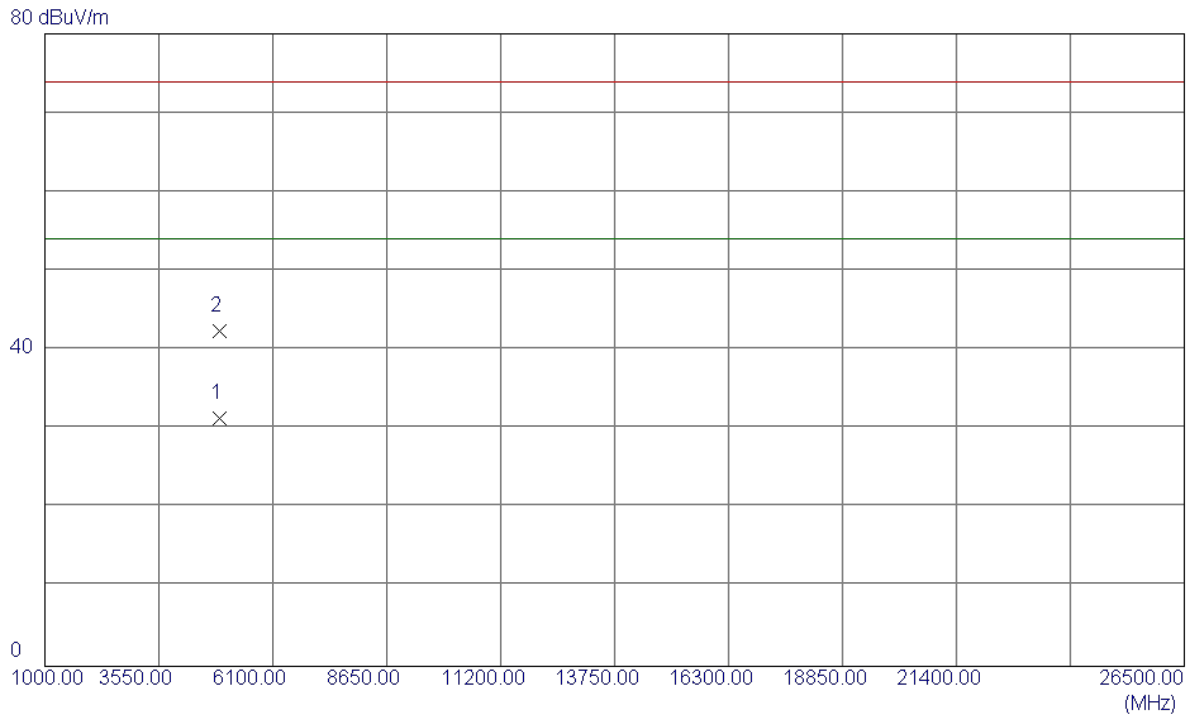
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2454.3000	60.68	34.60	95.28	54.00	41.28	AVG	NO LIMIT
2	2459.5000	73.13	34.64	107.77	74.00	33.77	Peak	NO LIMIT
3	2483.5000	25.66	34.77	60.43	74.00	-13.57	Peak	
4	2483.5000	14.83	34.77	49.60	54.00	-4.40	AVG	

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

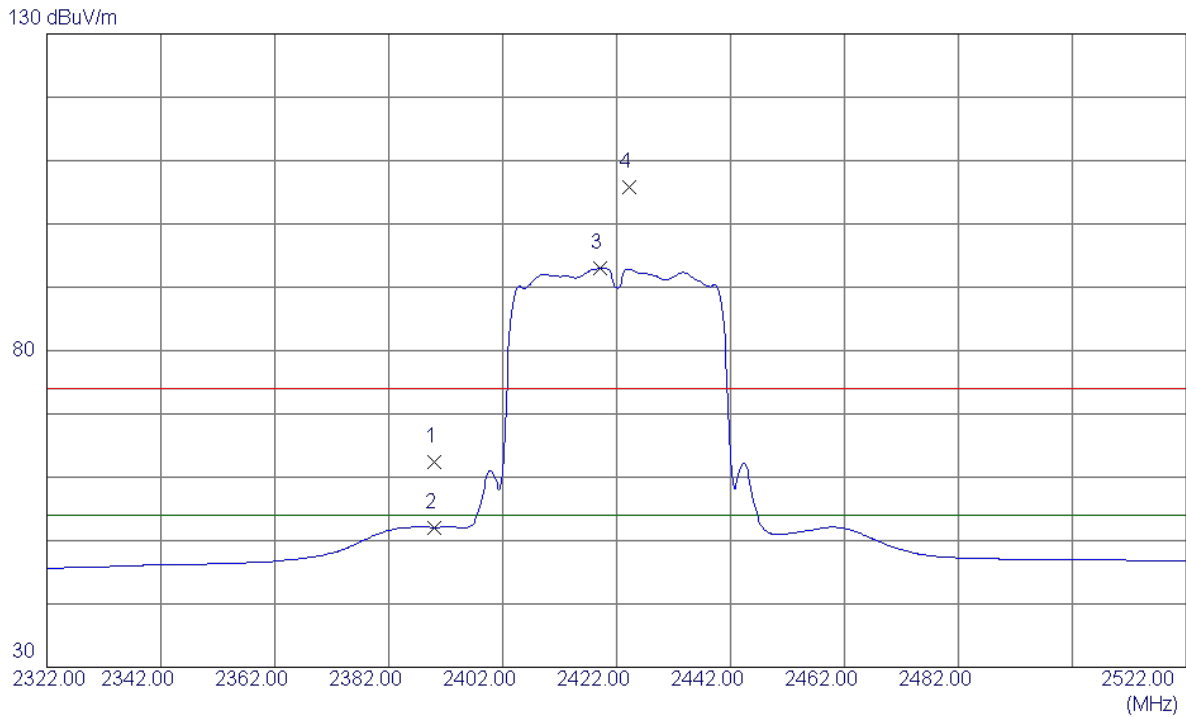
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923. 5560	28. 27	3. 05	31. 32	54. 00	-22. 68	AVG	
2	4923. 3969	39. 36	3. 05	42. 41	74. 00	-31. 59	Peak	

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

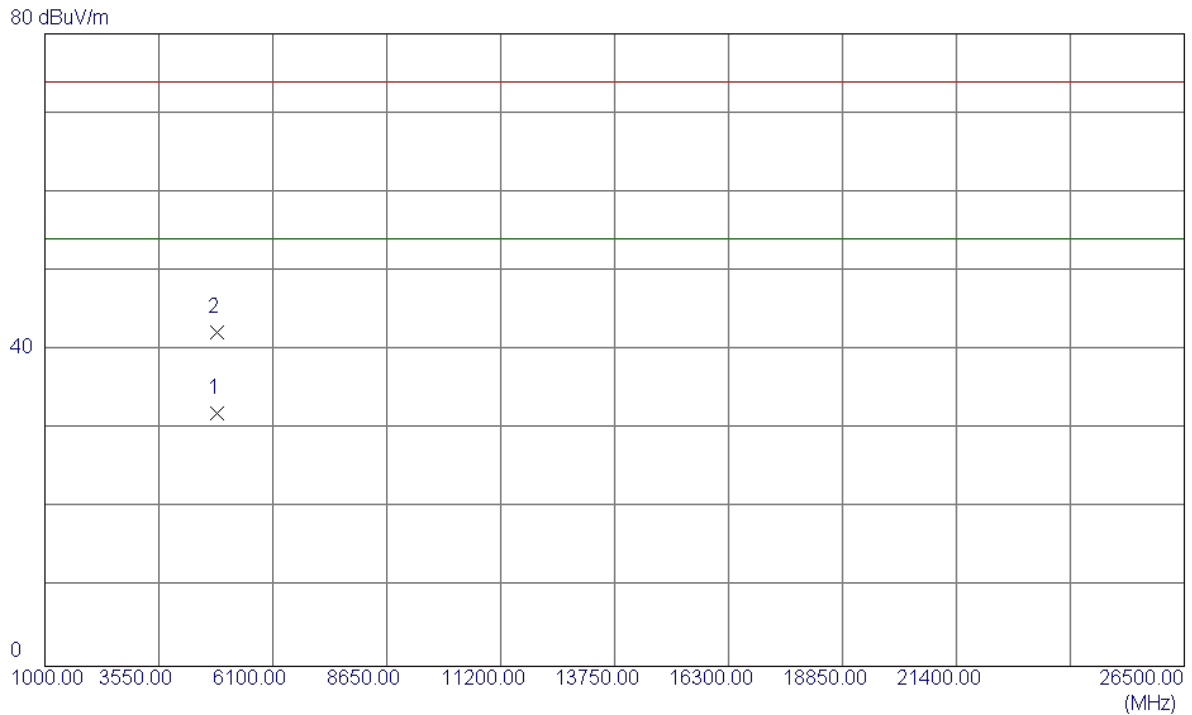
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	28.23	34.23	62.46	74.00	-11.54	Peak	
2	2390.0000	17.81	34.23	52.04	54.00	-1.96	AVG	
3 *	2419.2000	58.63	34.40	93.03	54.00	39.03	AVG	NO LIMIT
4	2424.2000	71.46	34.43	105.89	74.00	31.89	Peak	NO LIMIT

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

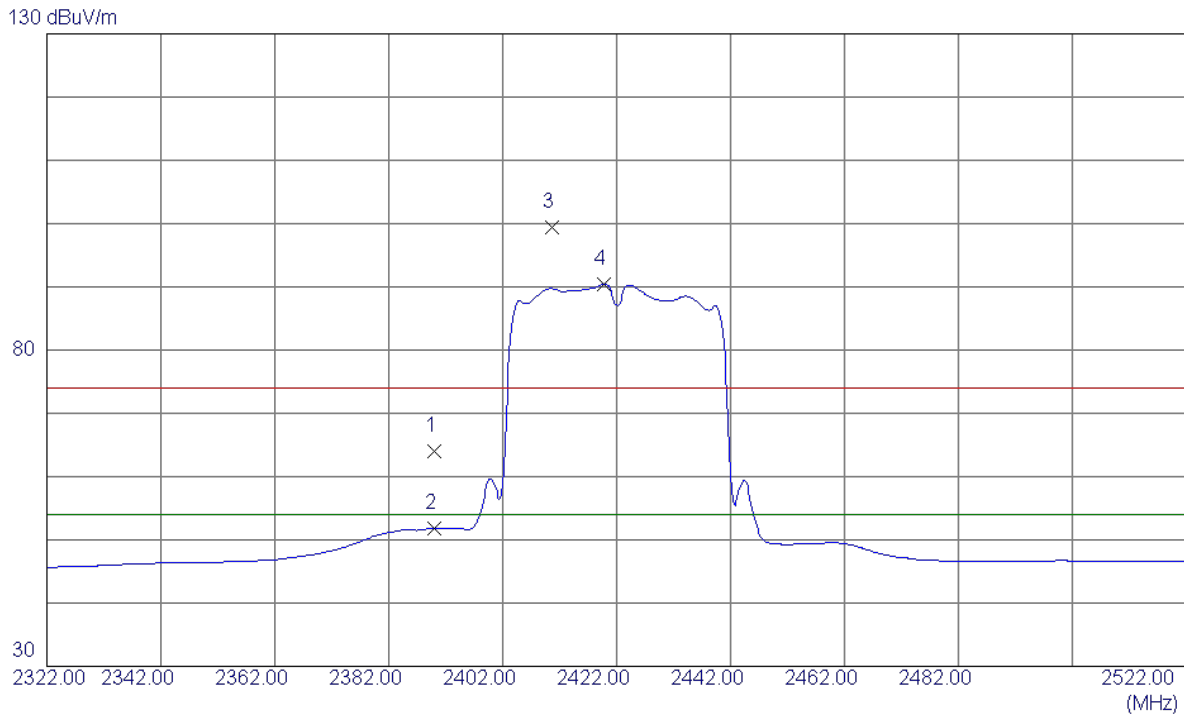
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4843.4400	28.93	3.01	31.94	54.00	-22.06	AVG	
2	4844.7400	39.28	3.01	42.29	74.00	-31.71	Peak	

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

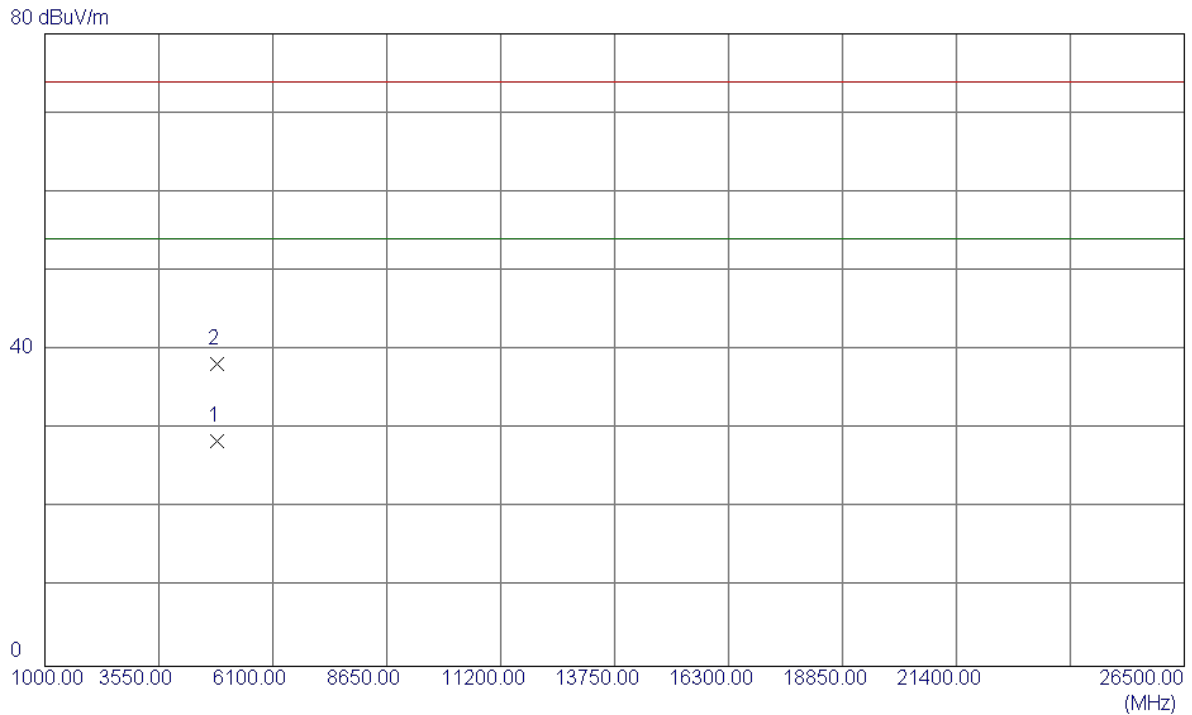
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	29.81	34.23	64.04	74.00	-9.96	Peak	
2	2390.0000	17.61	34.23	51.84	54.00	-2.16	AVG	
3	2410.6000	65.14	34.35	99.49	74.00	25.49	Peak	NO LIMIT
4 *	2419.8000	55.94	34.40	90.34	54.00	36.34	AVG	NO LIMIT

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

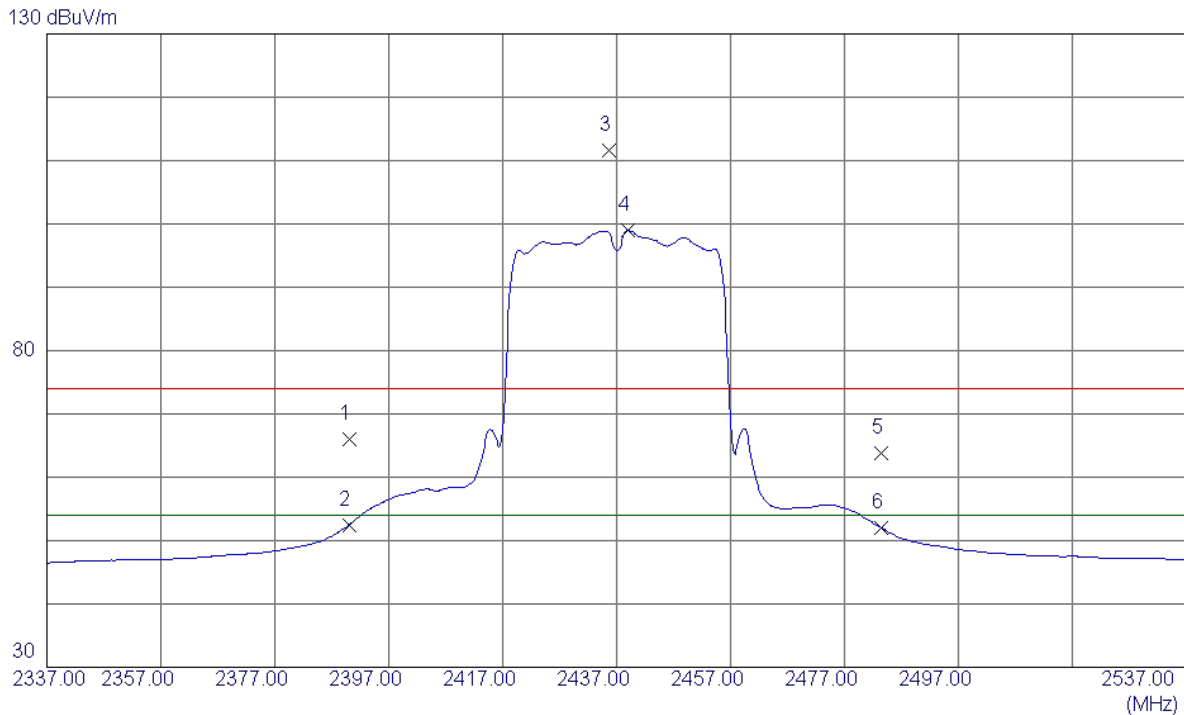
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4844.7000	25.54	3.01	28.55	54.00	-25.45	AVG	
2	4843.1370	35.20	3.01	38.21	74.00	-35.79	Peak	

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

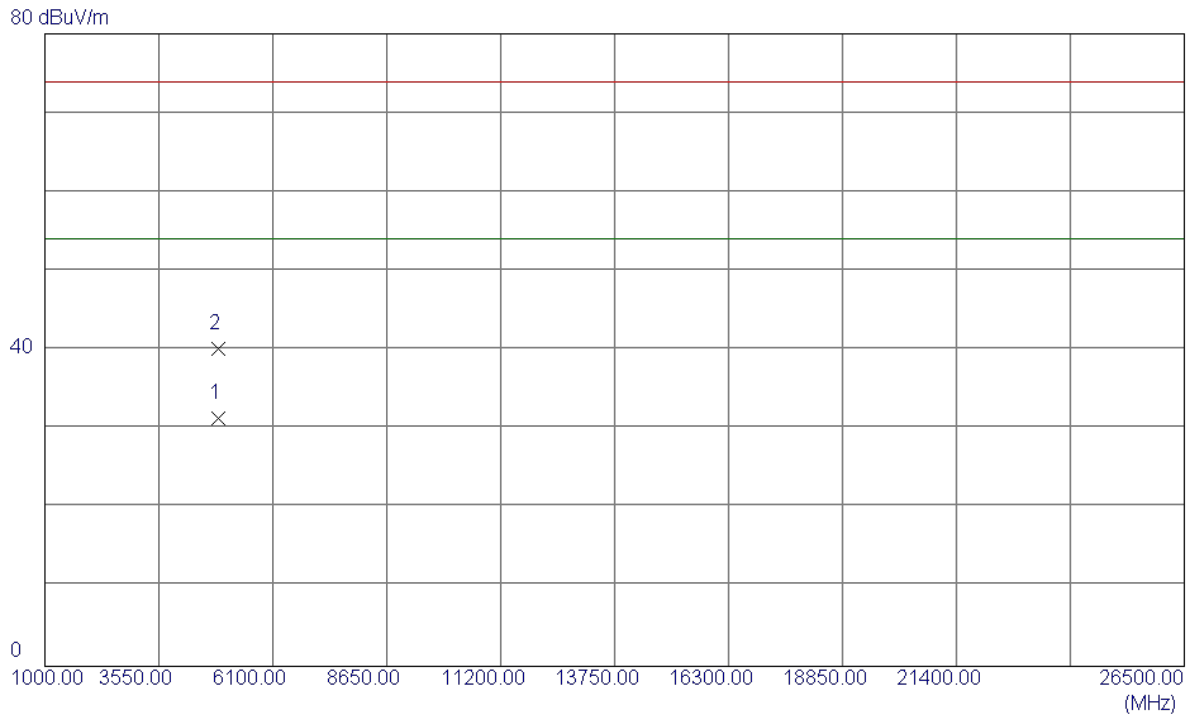
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	31.68	34.23	65.91	74.00	-8.09	Peak	
2	2390.0000	18.24	34.23	52.47	54.00	-1.53	AVG	
3	2435.6000	77.09	34.50	111.59	74.00	37.59	Peak	NO LIMIT
4 *	2439.0000	64.42	34.52	98.94	54.00	44.94	AVG	NO LIMIT
5	2483.5000	29.00	34.77	63.77	74.00	-10.23	Peak	
6	2483.5000	17.15	34.77	51.92	54.00	-2.08	AVG	

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

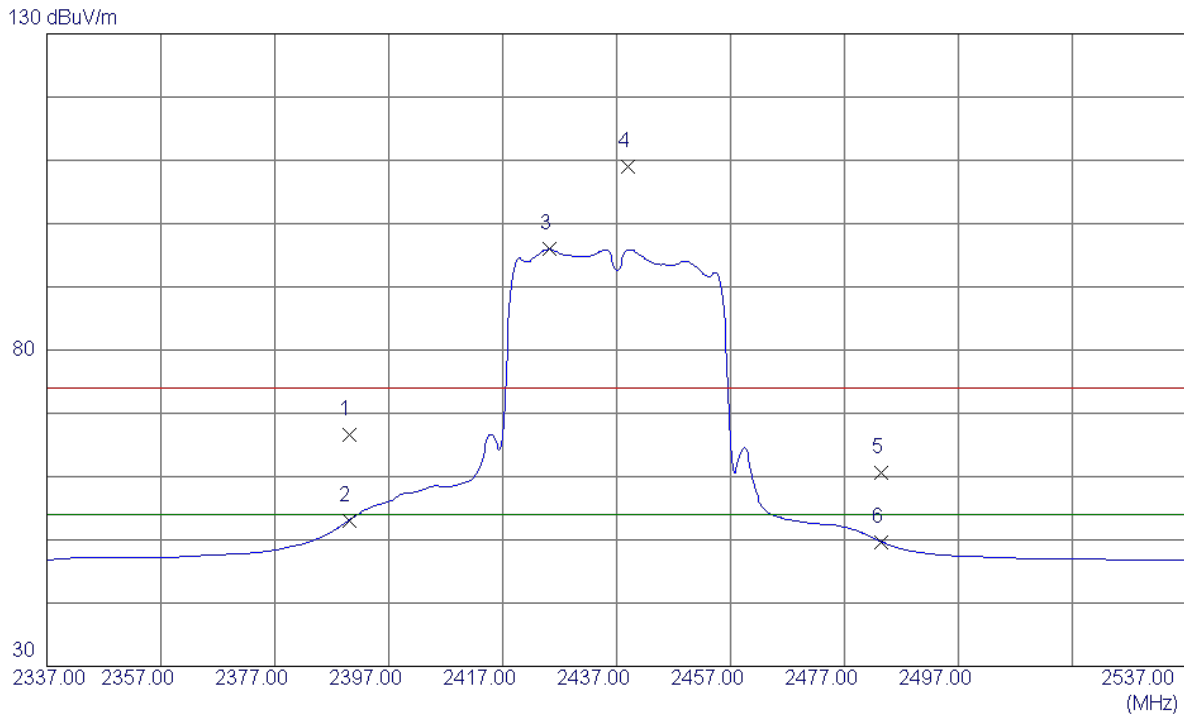
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4874.1100	28.27	3.03	31.30	54.00	-22.70	AVG	
2	4873.4680	37.11	3.03	40.14	74.00	-33.86	Peak	

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

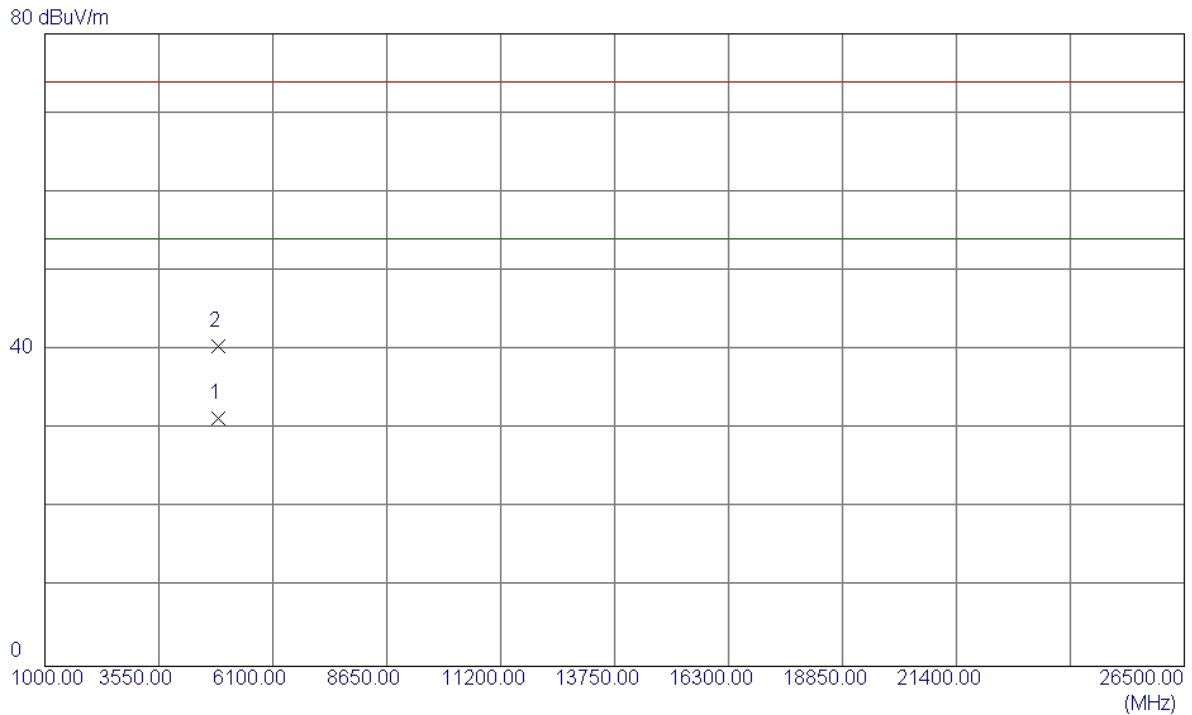
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	32.29	34.23	66.52	74.00	-7.48	Peak	
2	2390.0000	18.69	34.23	52.92	54.00	-1.08	AVG	
3 *	2425.2000	61.50	34.44	95.94	54.00	41.94	AVG	NO LIMIT
4	2439.0000	74.58	34.52	109.10	74.00	35.10	Peak	NO LIMIT
5	2483.5000	25.77	34.77	60.54	74.00	-13.46	Peak	
6	2483.5000	14.88	34.77	49.65	54.00	-4.35	AVG	

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

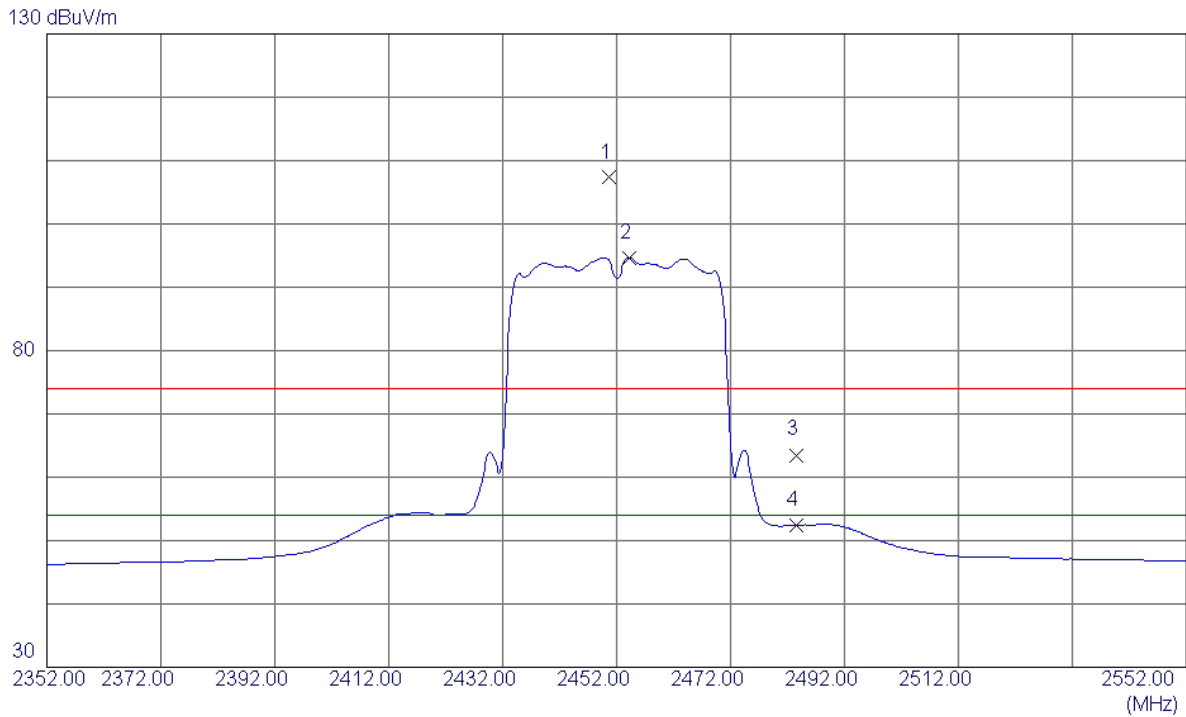
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.3460	28.27	3.03	31.30	54.00	-22.70	AVG	
2	4873.5720	37.46	3.03	40.49	74.00	-33.51	Peak	

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

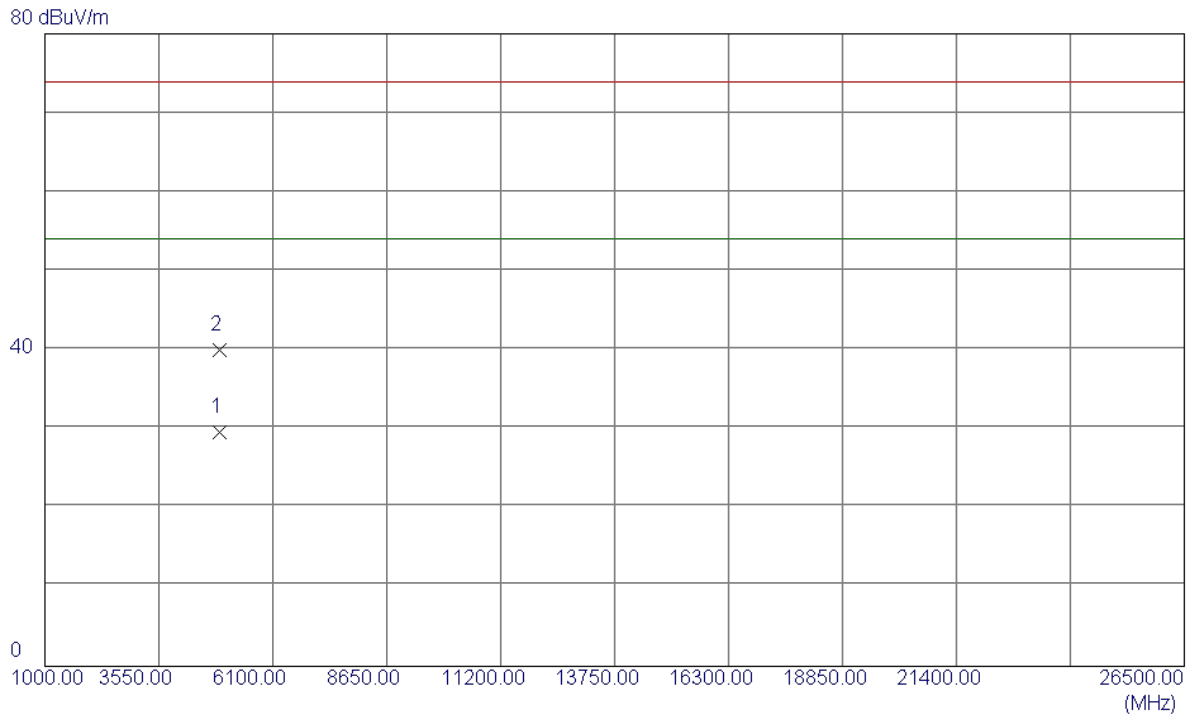
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2450.6000	72.72	34.58	107.30	74.00	33.30	Peak	NO LIMIT
2 *	2454.2000	60.03	34.60	94.63	54.00	40.63	AVG	NO LIMIT
3	2483.5000	28.73	34.77	63.50	74.00	-10.50	Peak	
4	2483.5000	17.68	34.77	52.45	54.00	-1.55	AVG	

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

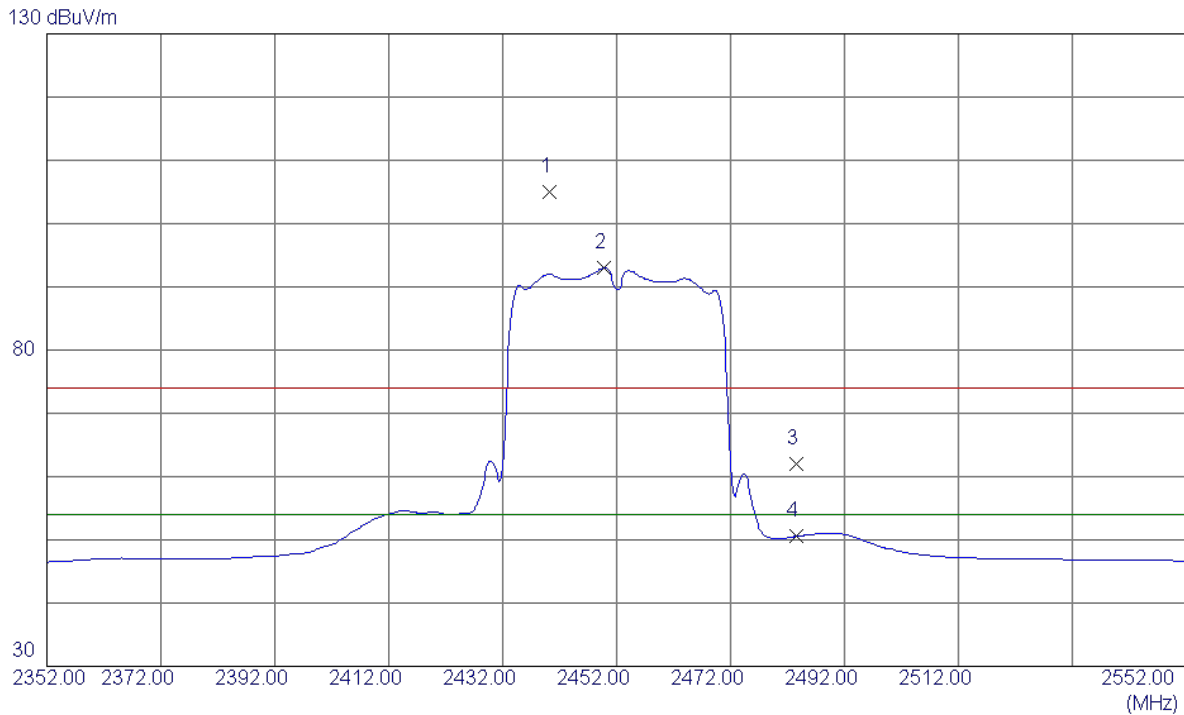
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4904.3480	26.57	3.04	29.61	54.00	-24.39	AVG	
2	4903.2160	37.01	3.04	40.05	74.00	-33.95	Peak	

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

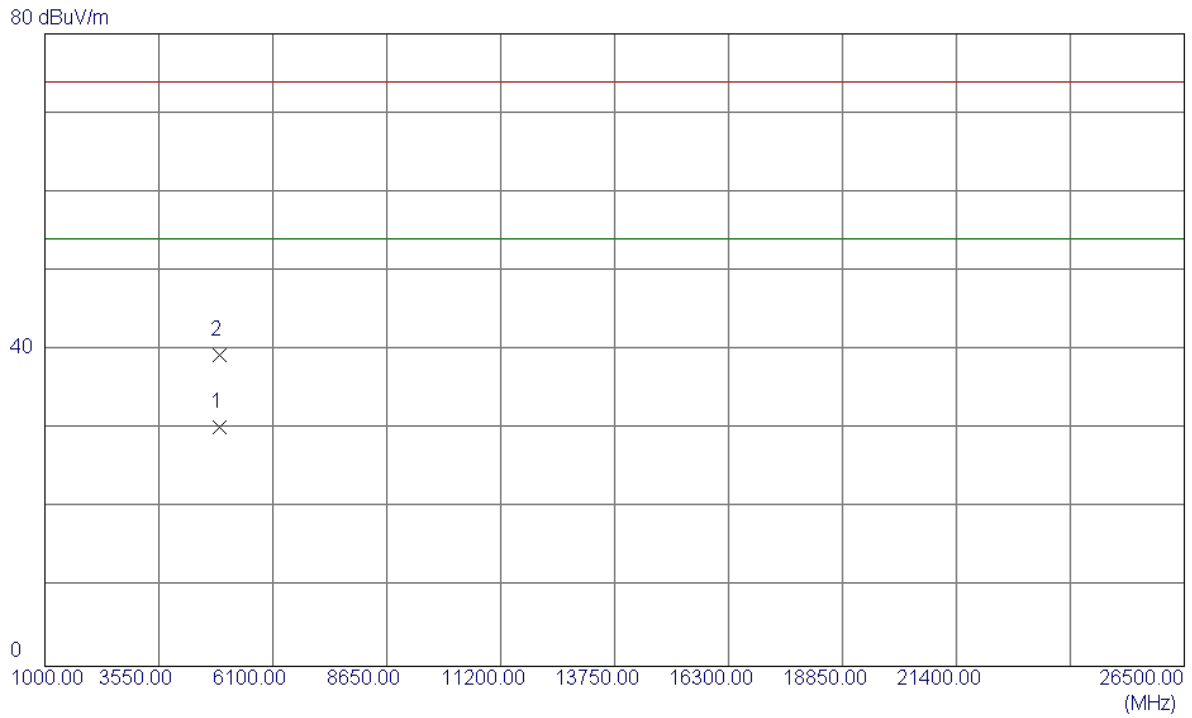
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2440.2000	70.56	34.52	105.08	74.00	31.08	Peak	NO LIMIT
2 *	2449.8000	58.35	34.58	92.93	54.00	38.93	AVG	NO LIMIT
3	2483.5000	27.16	34.77	61.93	74.00	-12.07	Peak	
4	2483.5000	15.80	34.77	50.57	54.00	-3.43	AVG	

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

Horizontal

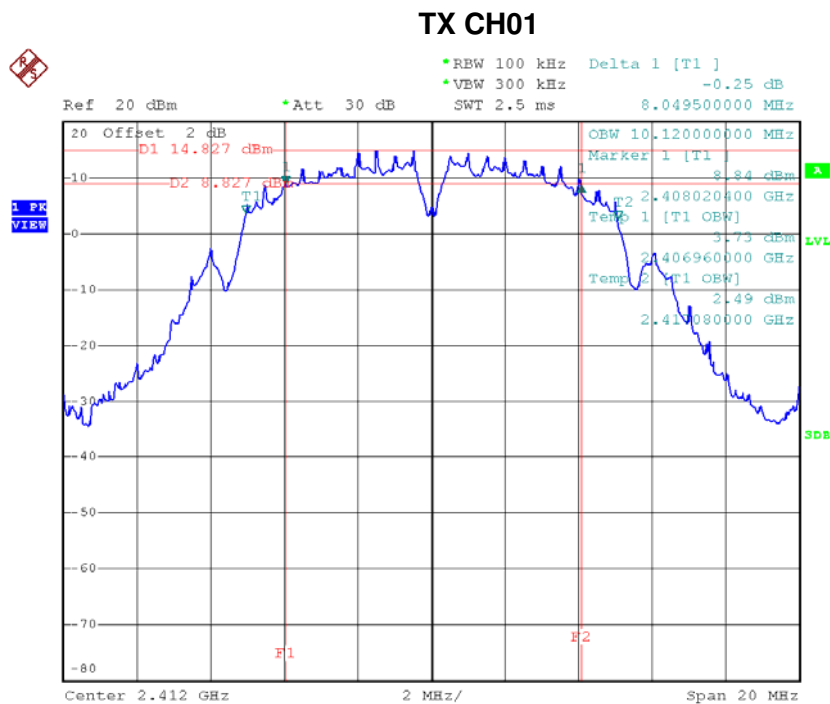


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4904.3100	27.17	3.04	30.21	54.00	-23.79	AVG	
2	4903.6770	36.25	3.04	39.29	74.00	-34.71	Peak	

ATTACHMENT E - BANDWIDTH

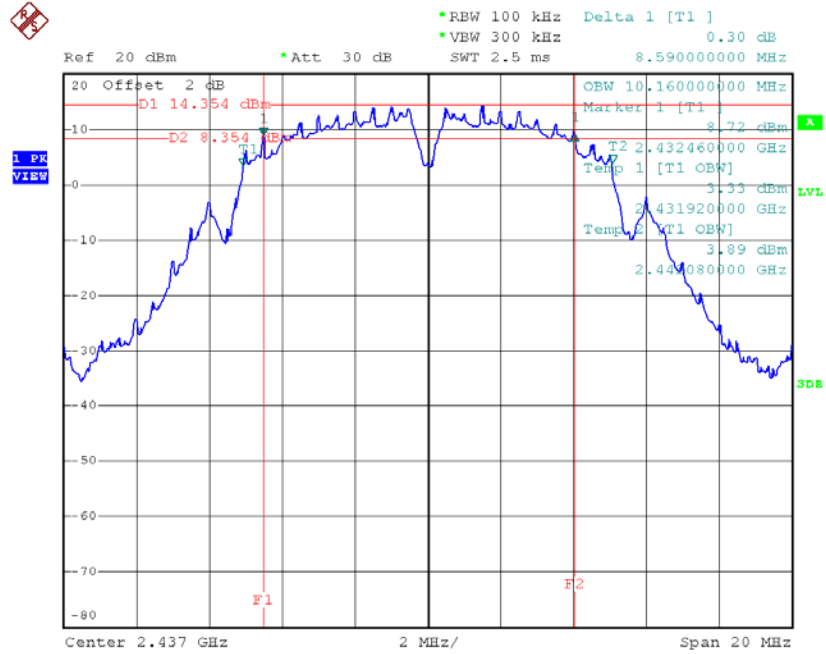
Test Mode : TX B Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	8.05	10.12	500	Complies
2437	8.59	10.16	500	Complies
2462	8.10	10.12	500	Complies



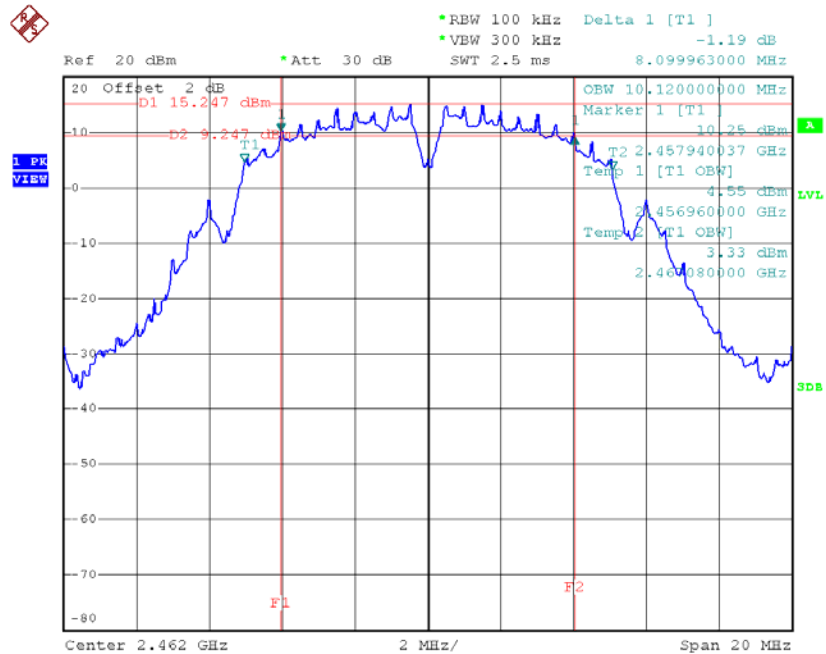
Date: 18.MAR.2016 10:24:17

TX CH06



Date: 18.MAR.2016 10:26:03

TX CH11

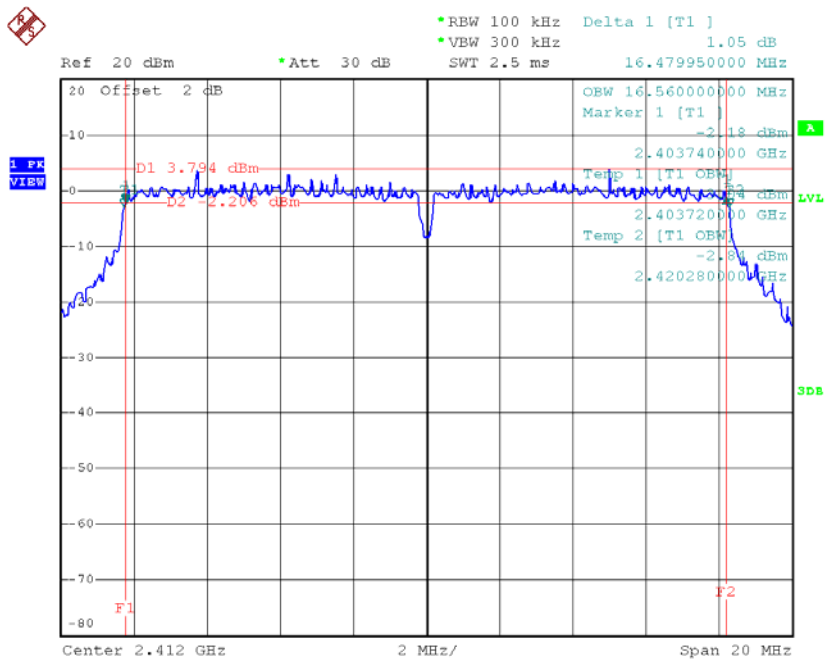


Date: 18.MAR.2016 10:27:59

Test Mode: TX G Mode_CH01/06/11

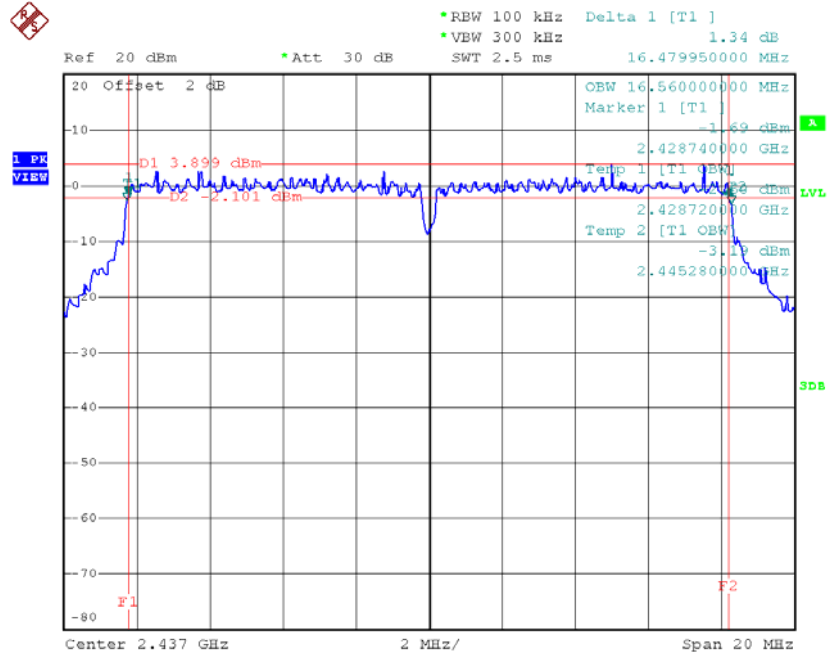
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.48	16.56	500	Complies
2437	16.48	16.56	500	Complies
2462	16.52	16.56	500	Complies

TX CH01



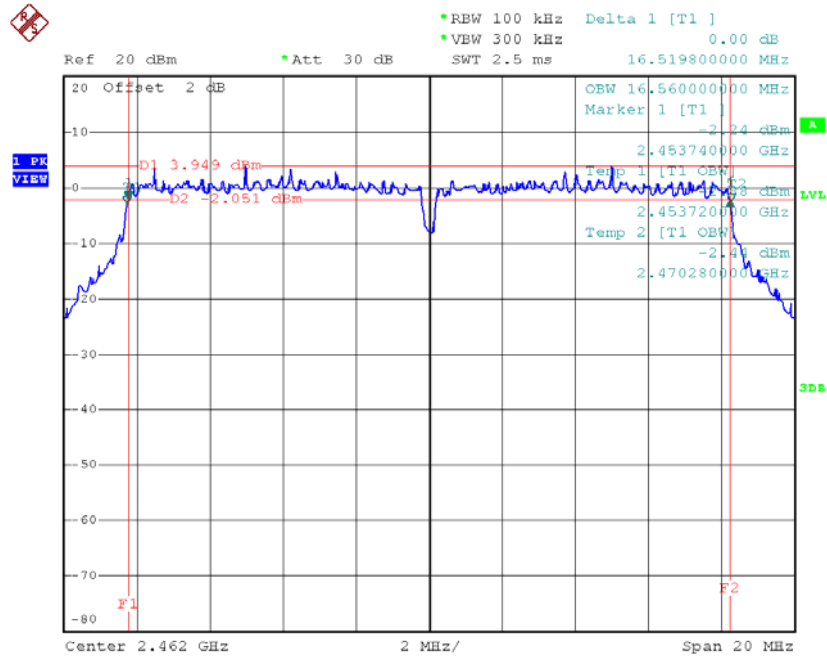
Date: 18.MAR.2016 10:29:32

TX CH06



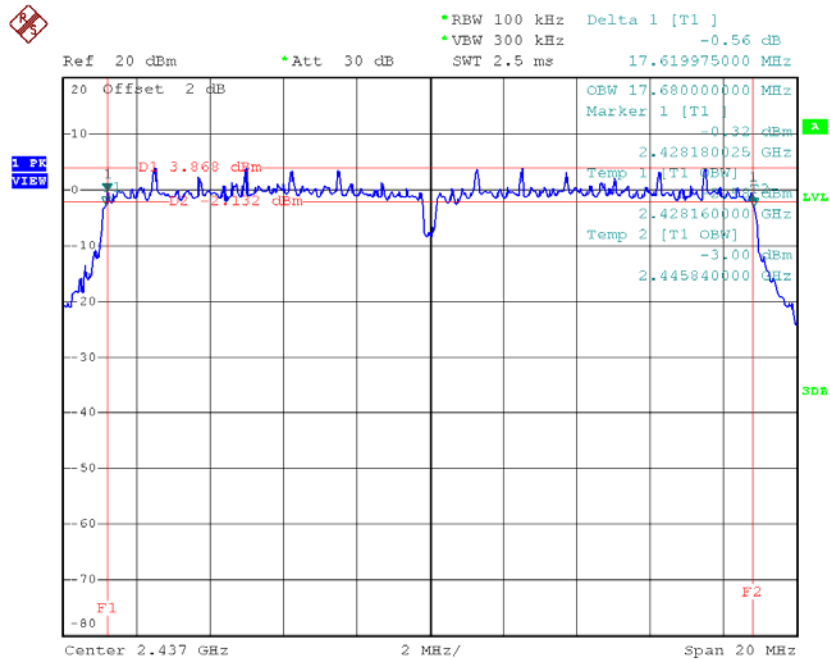
Date: 18.MAR.2016 10:30:32

TX CH11



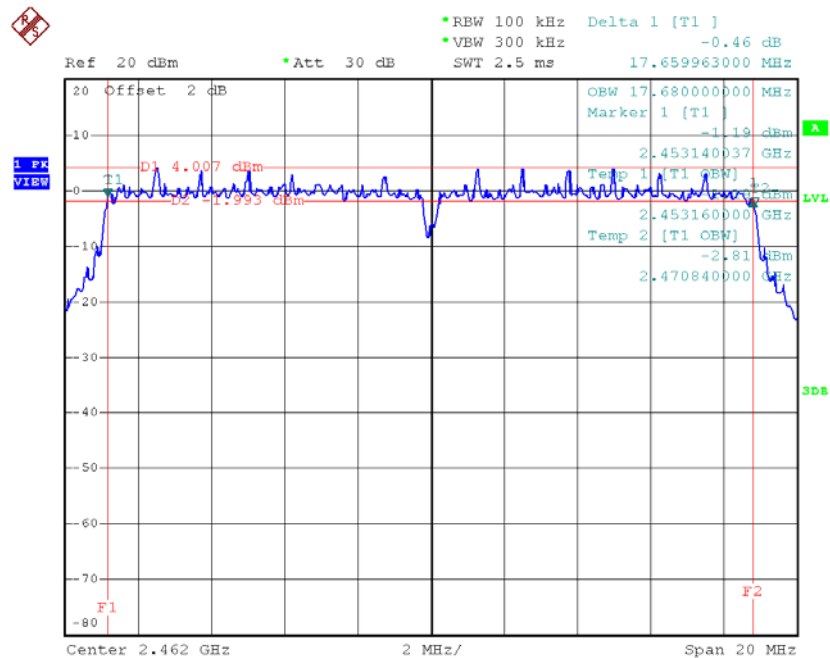
Date: 18.MAR.2016 10:31:29

TX CH06



Date: 18.MAR.2016 10:36:10

TX CH11

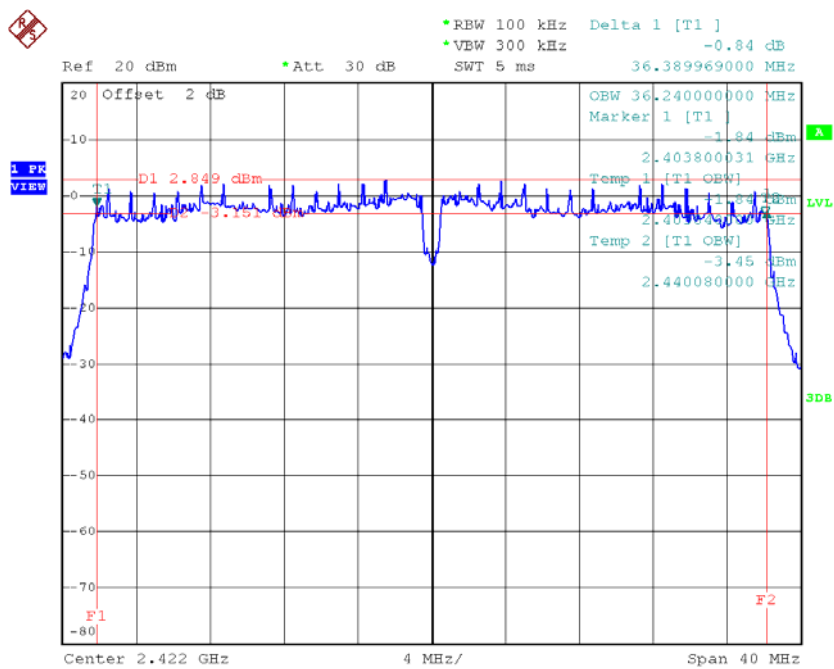


Date: 18.MAR.2016 10:37:11

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

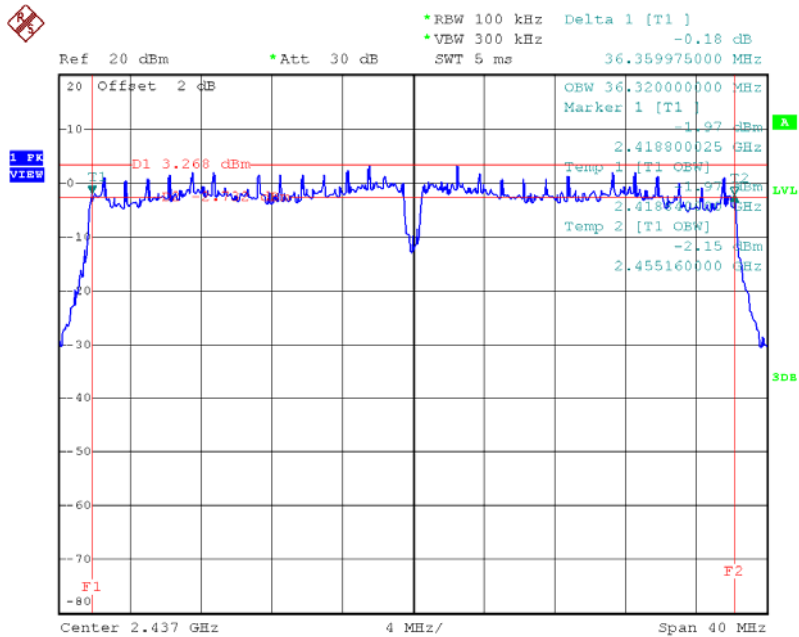
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.39	36.24	500	Complies
2437	36.36	36.32	500	Complies
2452	36.48	36.24	500	Complies

TX CH03



Date: 18.MAR.2016 10:38:19

TX CH06



Date: 18.MAR.2016 10:40:26

TX CH09



Date: 18.MAR.2016 10:41:54

ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.57	0.11	30.00	1.00	Complies
2437	24.45	0.28	30.00	1.00	Complies
2462	20.71	0.12	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.93	0.16	30.00	1.00	Complies
2437	29.83	0.96	30.00	1.00	Complies
2462	21.18	0.13	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.34	0.14	30.00	1.00	Complies
2437	24.77	0.30	30.00	1.00	Complies
2462	21.14	0.13	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.78	0.12	30.00	1.00	Complies
2437	24.81	0.30	30.00	1.00	Complies
2462	20.51	0.11	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.53	0.11	30.00	1.00	Complies
2437	24.92	0.31	30.00	1.00	Complies
2462	20.10	0.10	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	25.67	0.37	30.00	1.00	Complies
2437	29.61	0.91	30.00	1.00	Complies
2462	25.38	0.34	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	17.68	0.06	30.00	1.00	Complies
2437	22.71	0.19	30.00	1.00	Complies
2452	19.37	0.09	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	18.69	0.07	30.00	1.00	Complies
2437	23.06	0.20	30.00	1.00	Complies
2452	20.13	0.10	30.00	1.00	Complies

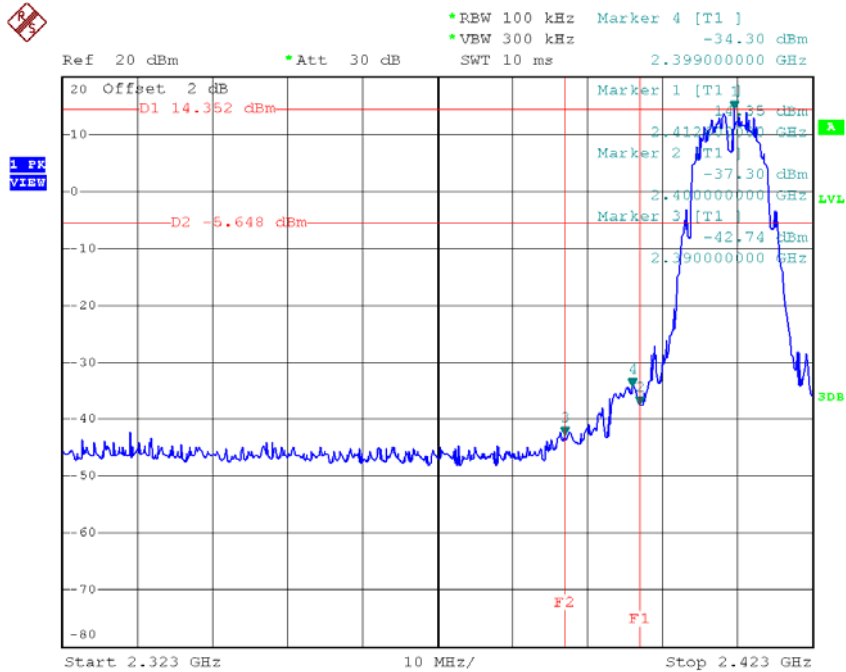
Test Mode :TX N40 Mode_CH03/06/09_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	18.23	0.07	30.00	1.00	Complies
2437	23.05	0.20	30.00	1.00	Complies
2452	19.82	0.10	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	22.99	0.20	30.00	1.00	Complies
2437	27.71	0.59	30.00	1.00	Complies
2452	24.56	0.29	30.00	1.00	Complies

**ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS
EMISSION**

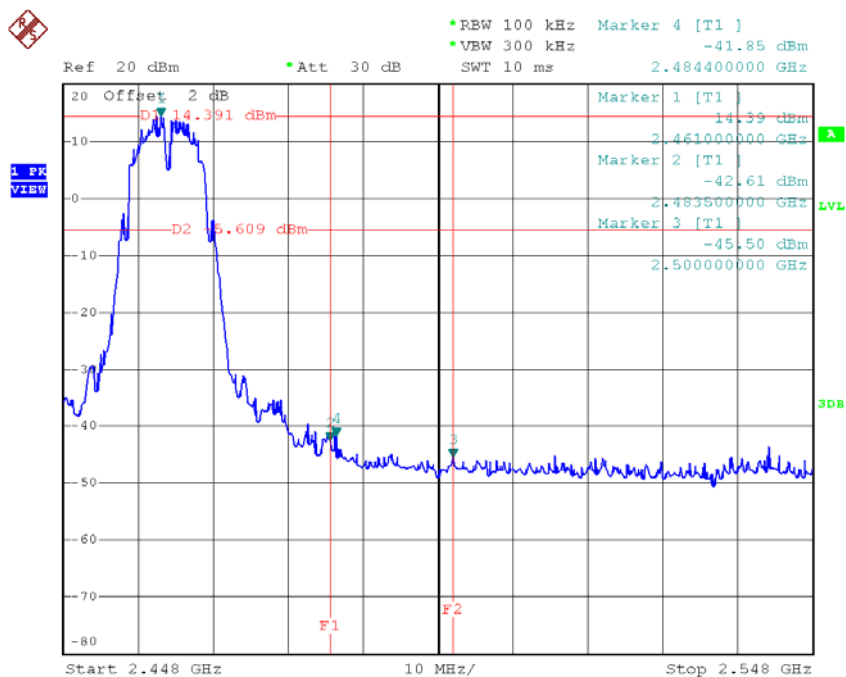
Test Mode : TX B Mode

TX B mode CH01



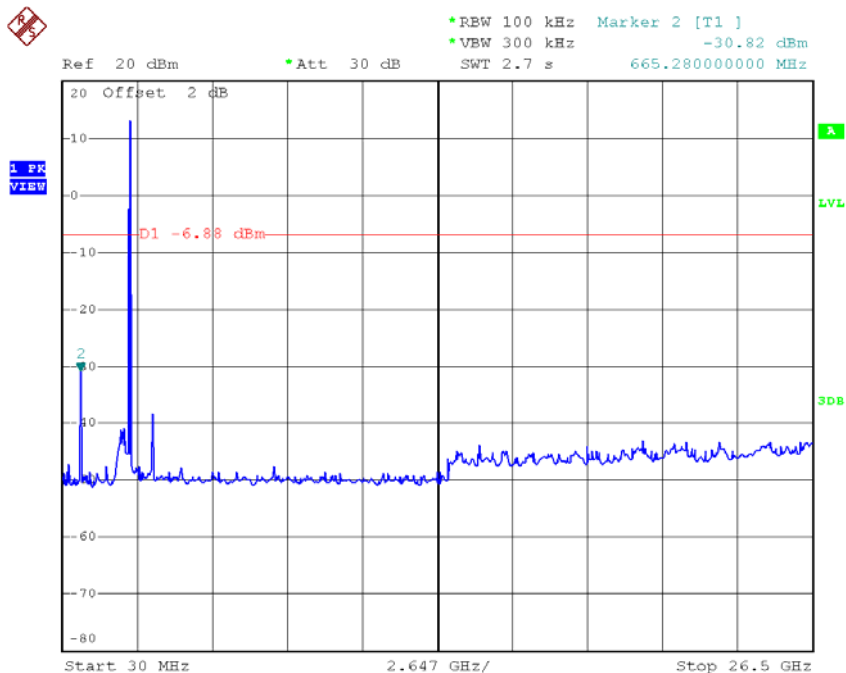
Date: 18.MAR.2016 10:24:42

TX B mode CH11



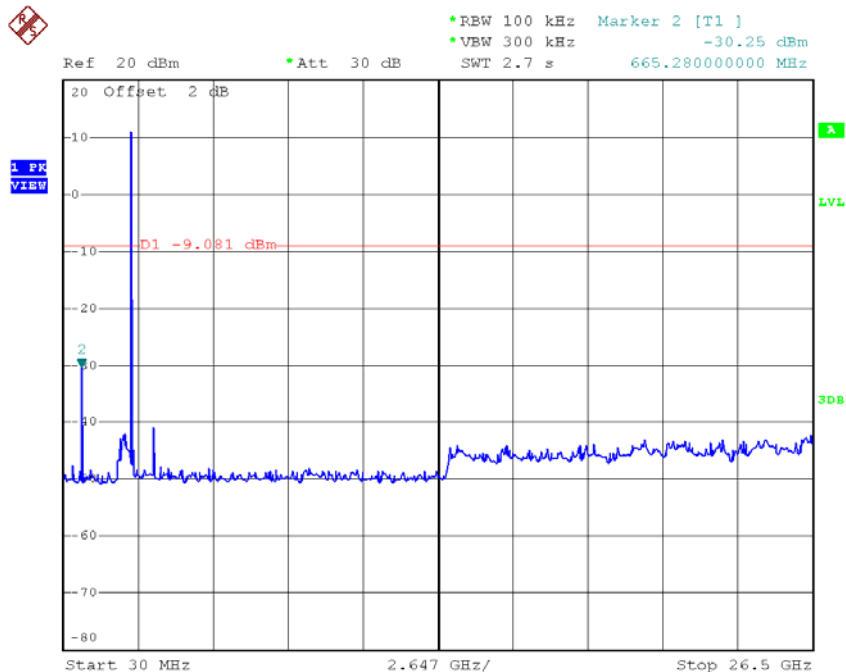
Date: 18.MAR.2016 10:28:22

TX B mode CH01 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:24:33

TX B mode CH06 (10 Harmonic of the frequency)

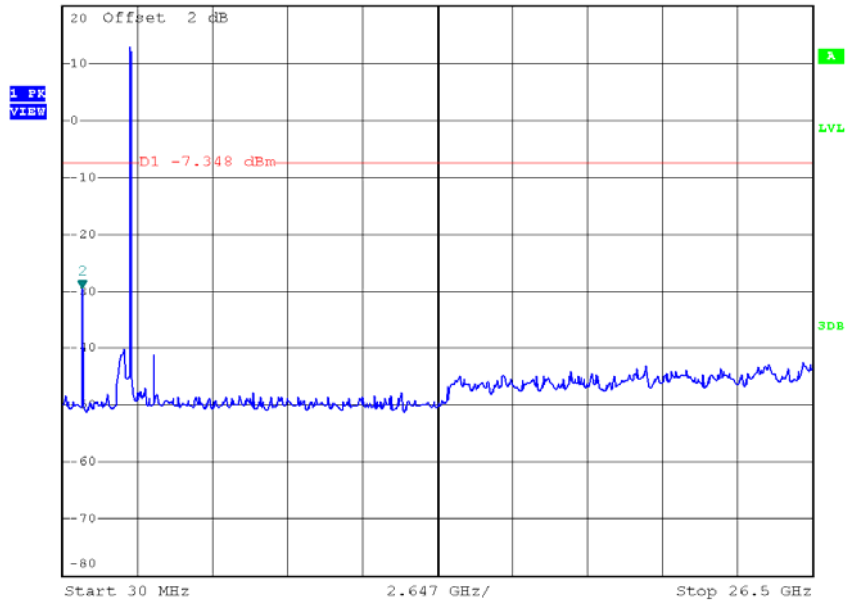


Date: 18.MAR.2016 10:26:25

TX B mode CH11 (10 Harmonic of the frequency)



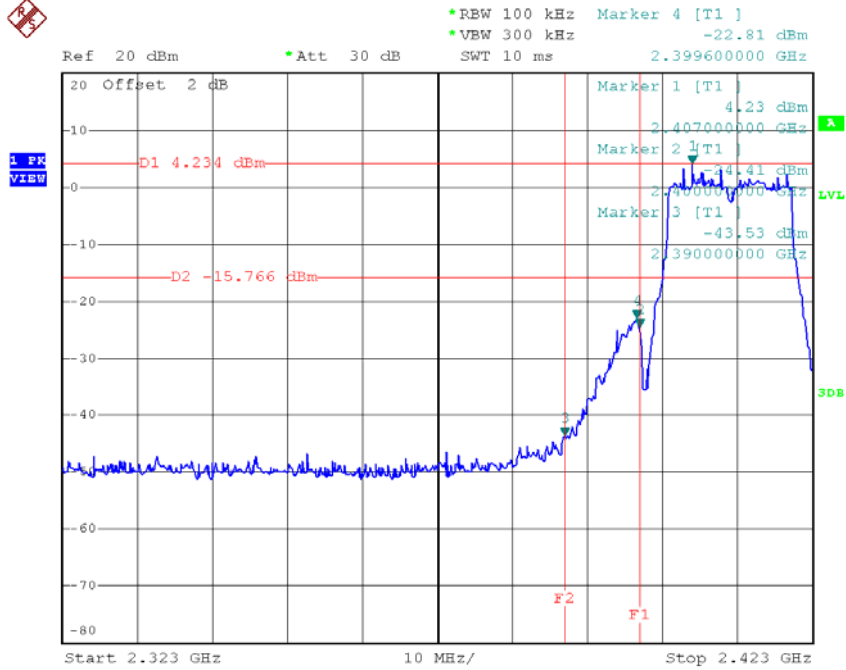
*REW 100 kHz Marker 2 [T1]
 *VBW 300 kHz -29.54 dBm
 Ref 20 dBm *Att 30 dB SWT 2.7 s 718.22000000 MHz



Date: 18.MAR.2016 10:28:14

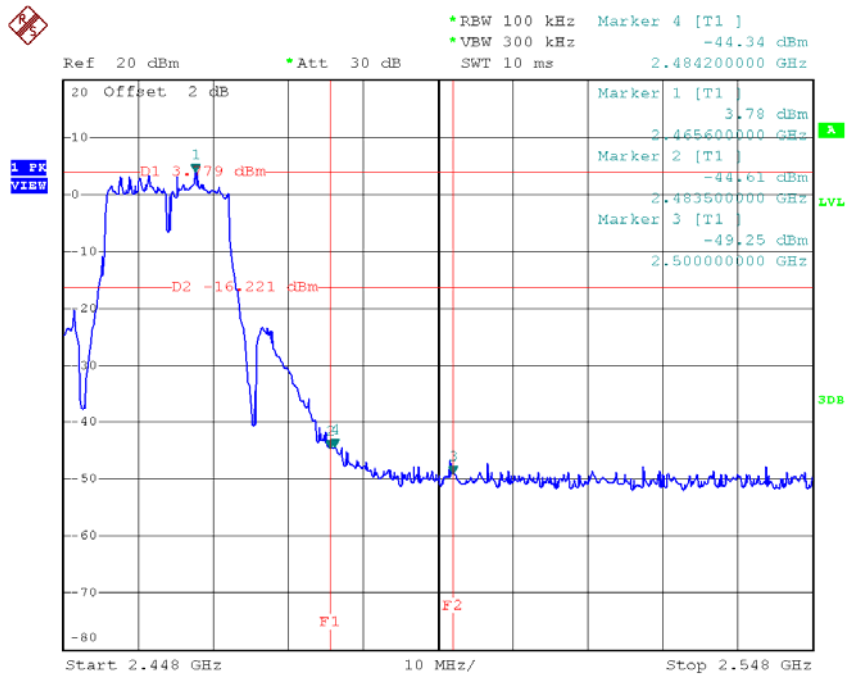
Test Mode : TX G Mode

TX G mode CH01



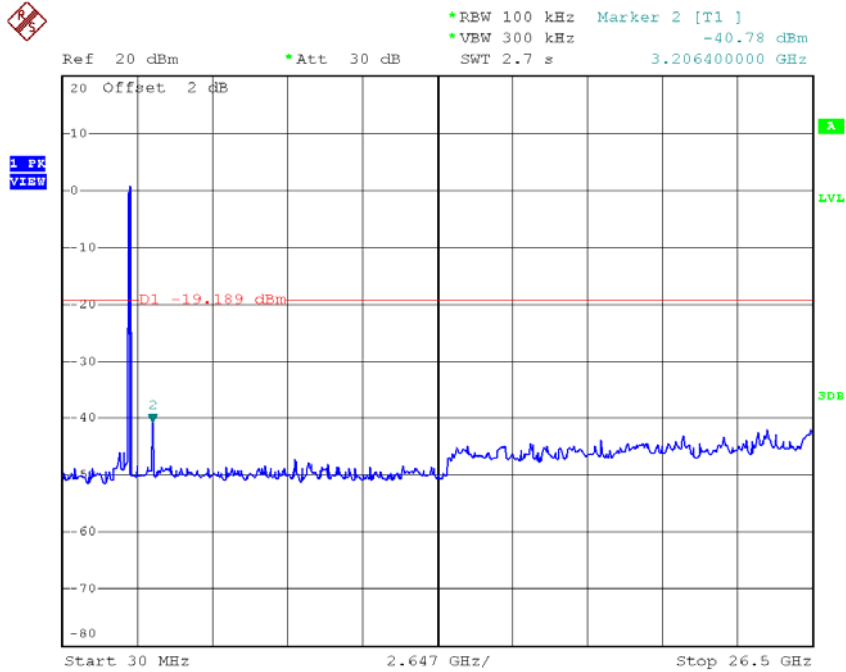
Date: 18.MAR.2016 10:29:54

TX G mode CH11



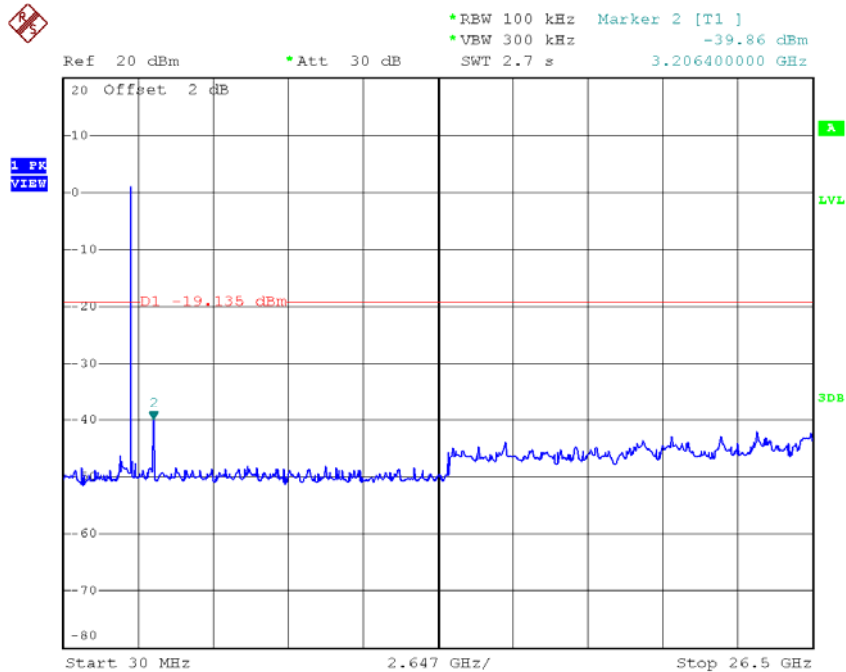
Date: 18.MAR.2016 10:33:34

TX G mode CH01 (10 Harmonic of the frequency)



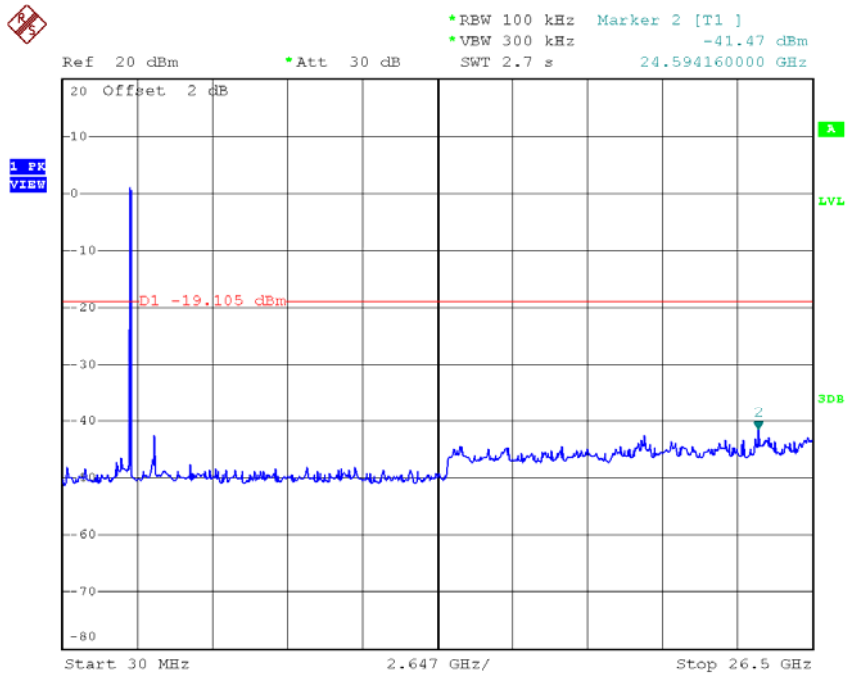
Date: 18.MAR.2016 10:29:46

TX G mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:30:46

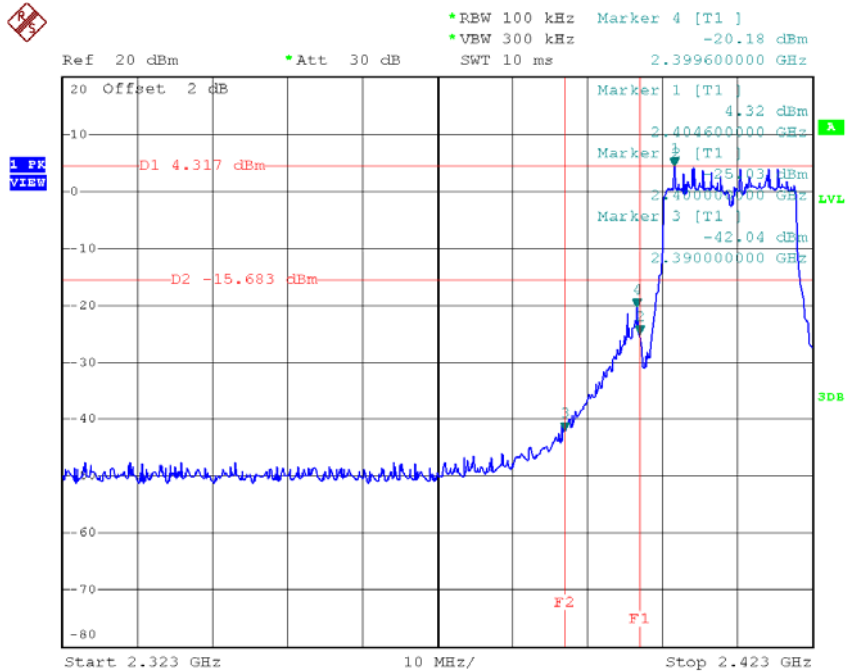
TX G mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:33:25

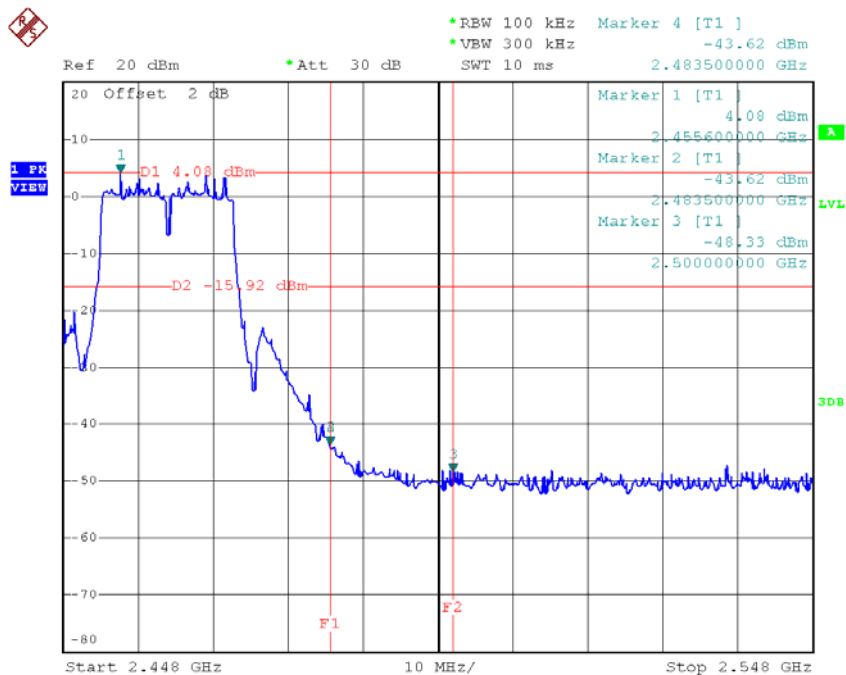
Test Mode : TX N-20M Mode_ANT 1

TX HT20 mode CH01



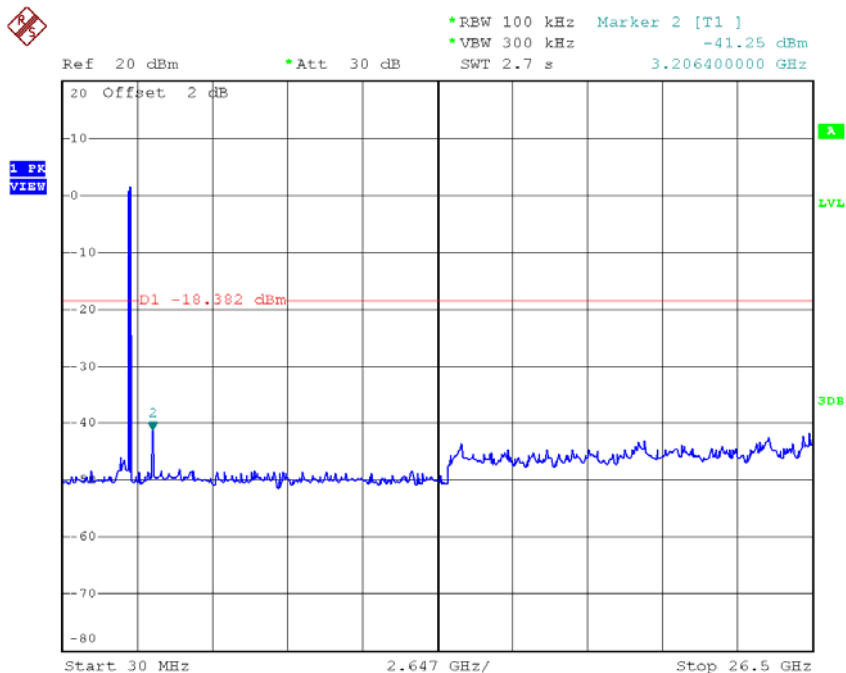
Date: 18.MAR.2016 10:35:20

TX HT20 mode CH11



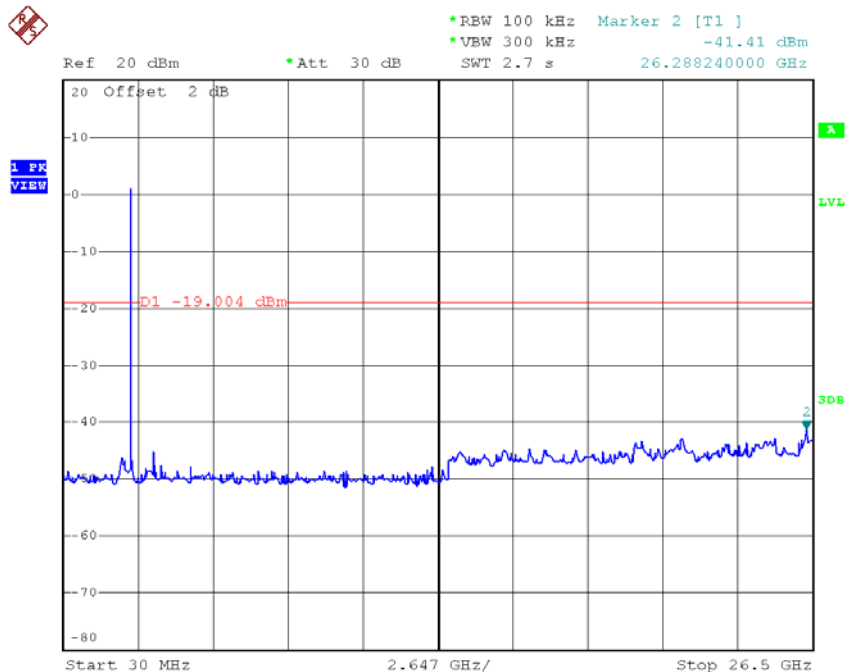
Date: 18.MAR.2016 10:37:34

TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:35:11

TX HT20 mode CH06 (10 Harmonic of the frequency)

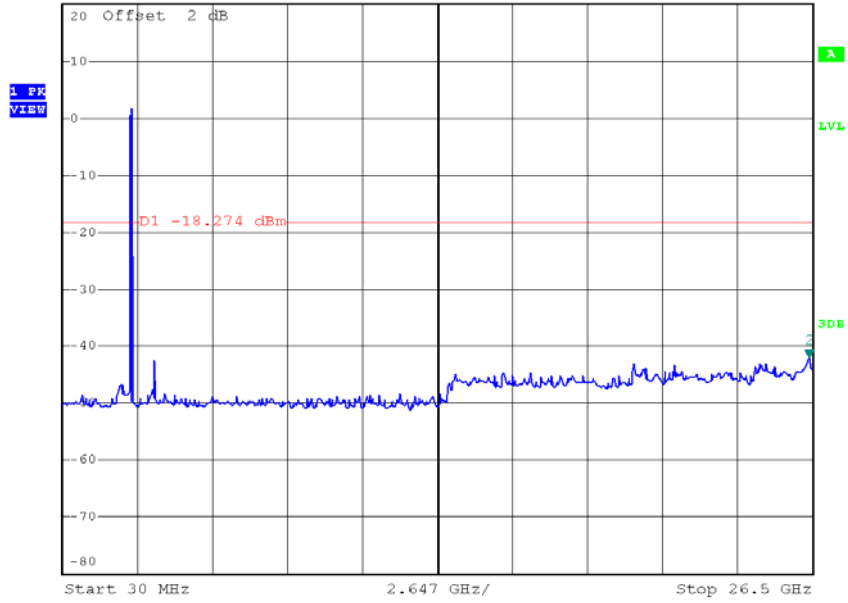


Date: 18.MAR.2016 10:36:24

TX HT20 mode CH11 (10 Harmonic of the frequency)



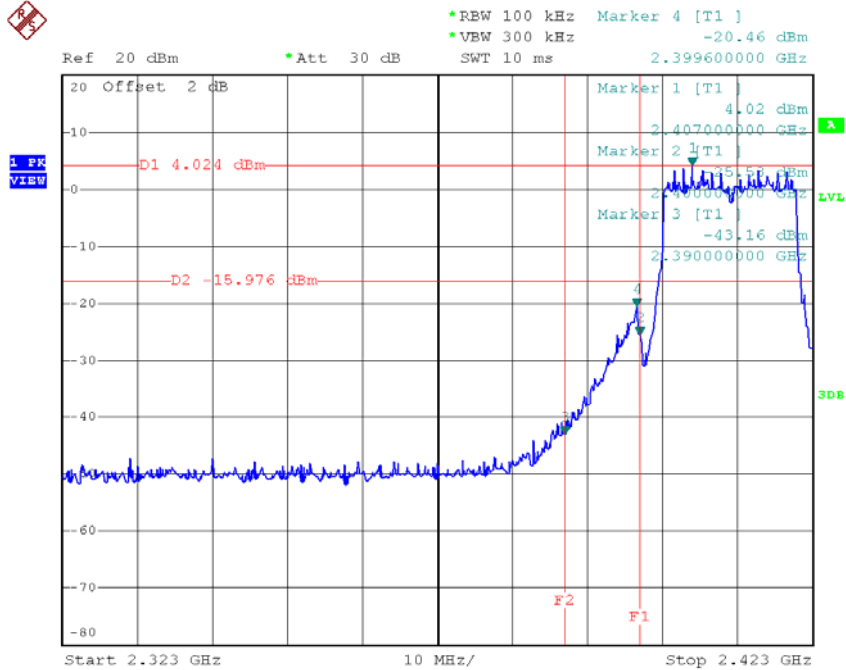
Ref 20 dBm *Att 30 dB *REW 100 kHz Marker 2 [T1]
*VBW 300 kHz -42.16 dBm
SWT 2.7 s 26.394120000 GHz



Date: 18.MAR.2016 10:37:25

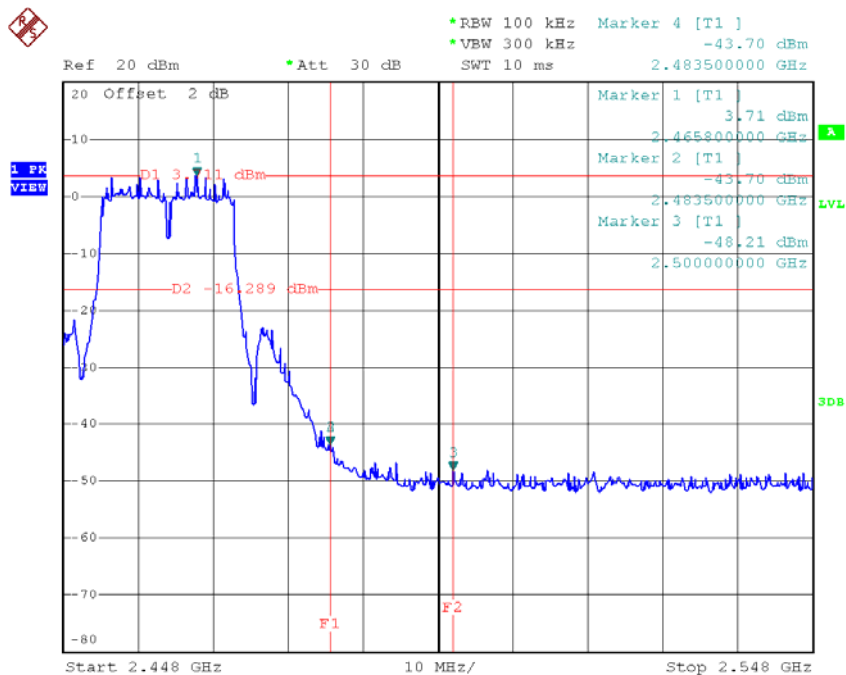
Test Mode : TX N-20M Mode_ANT 2

TX HT20 mode CH01



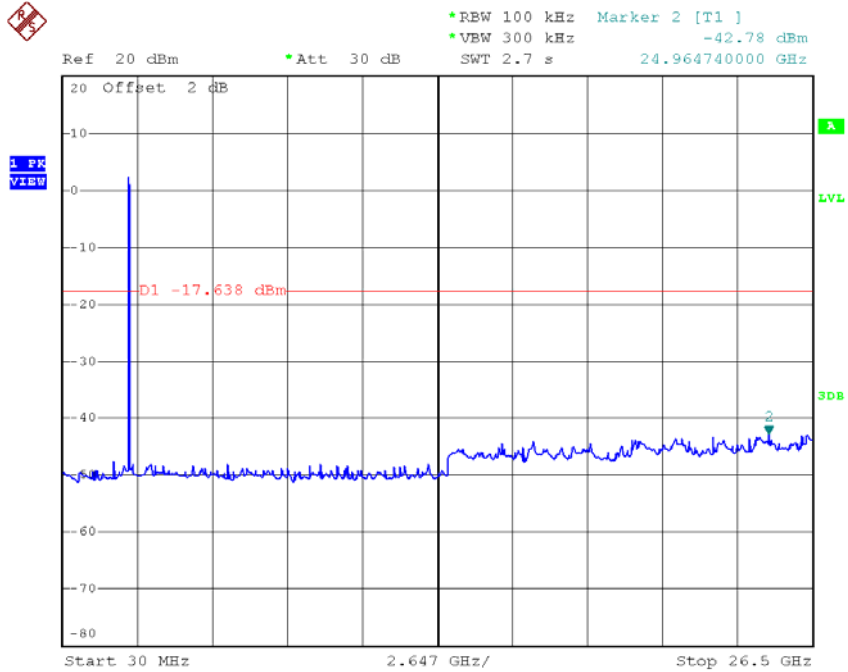
Date: 18.MAR.2016 10:46:26

TX HT20 mode CH11



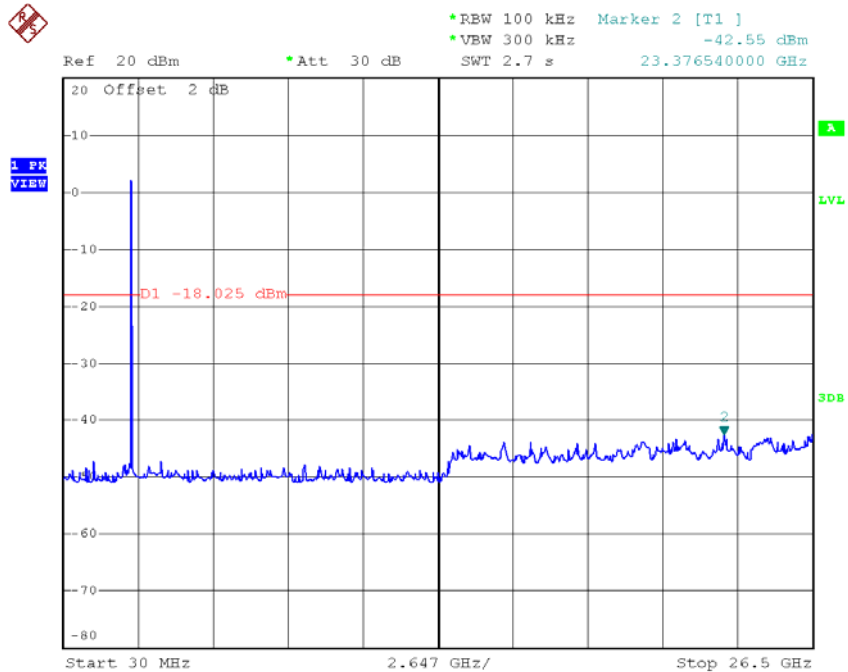
Date: 18.MAR.2016 10:48:48

TX HT20 mode CH01 (10 Harmonic of the frequency)



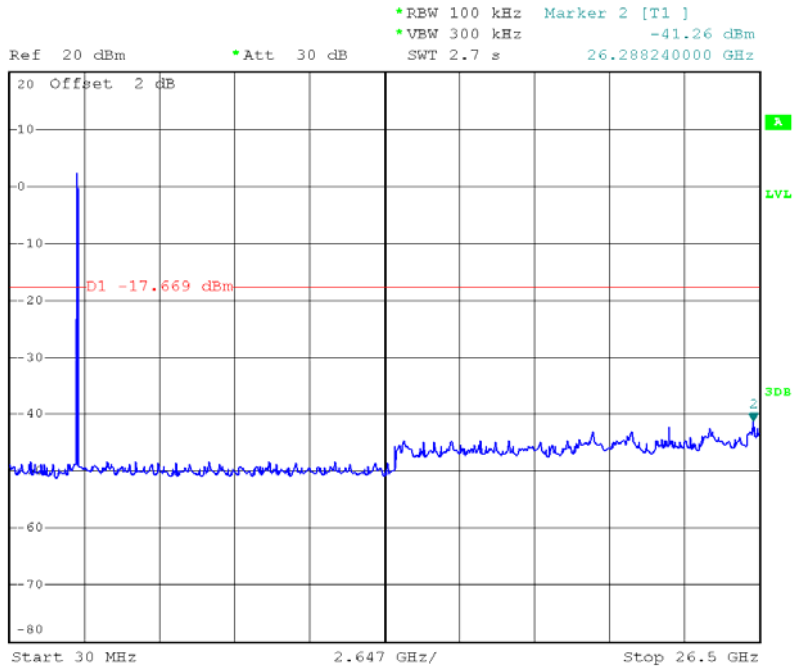
Date: 18.MAR.2016 10:46:17

TX HT20 mode CH06 (10 Harmonic of the frequency)



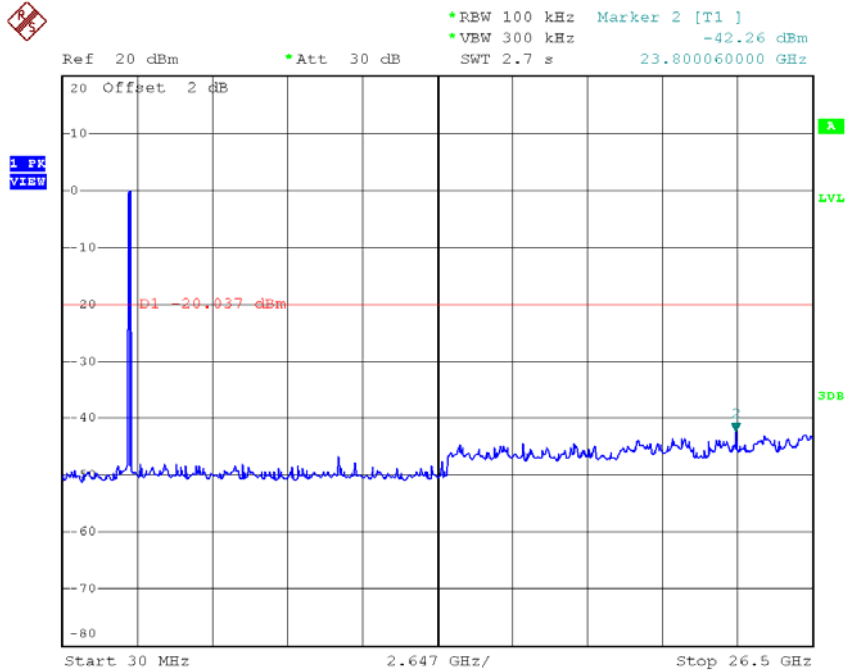
Date: 18.MAR.2016 10:47:41

TX HT20 mode CH11 (10 Harmonic of the frequency)



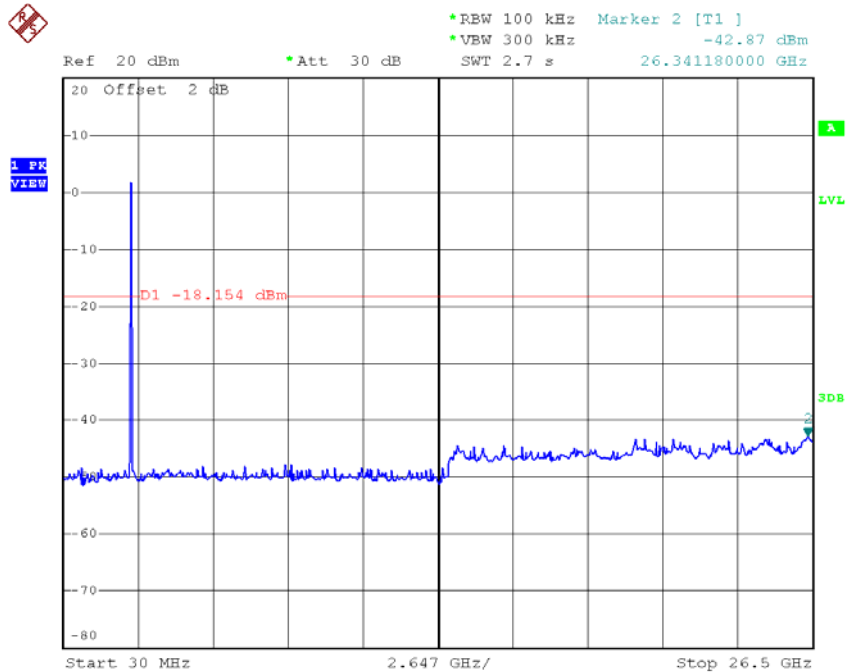
Date: 18.MAR.2016 10:48:39

TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:55:15

TX HT20 mode CH06 (10 Harmonic of the frequency)

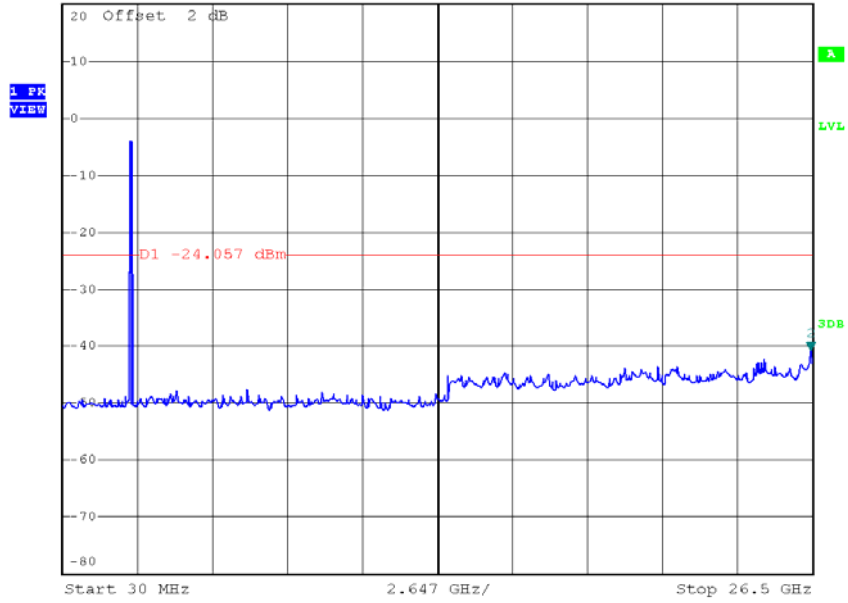


Date: 18.MAR.2016 10:56:17

TX HT20 mode CH11 (10 Harmonic of the frequency)



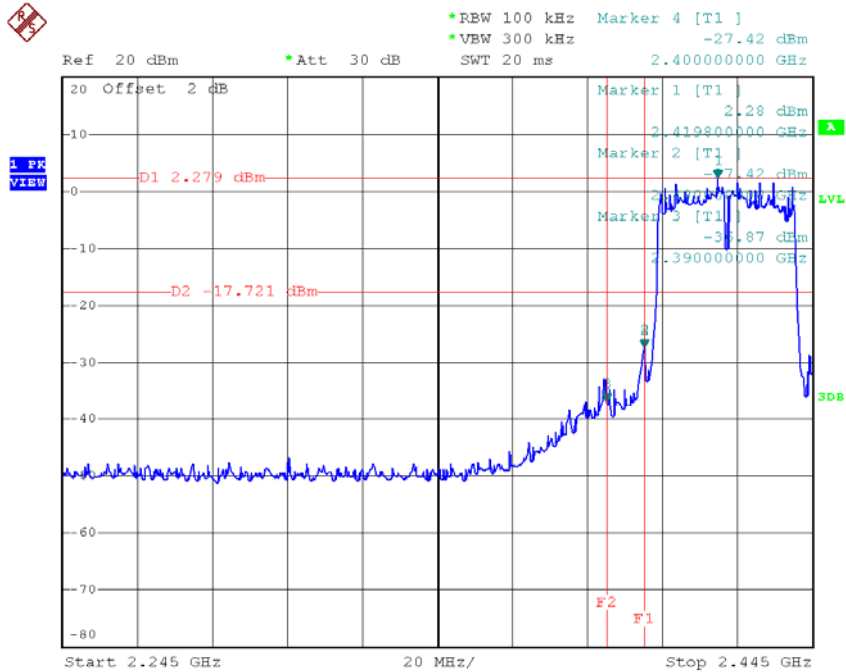
Ref 20 dBm *Att 30 dB *REW 100 kHz Marker 2 [T1]
*VBW 300 kHz -40.89 dBm
SWT 2.7 s 26.447060000 GHz



Date: 18.MAR.2016 10:58:54

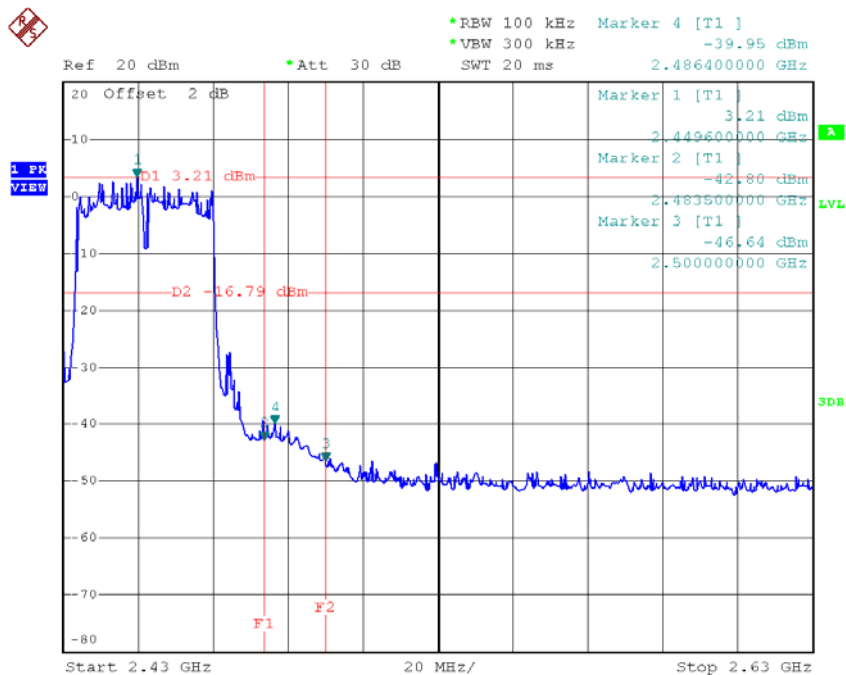
Test Mode : TX N-40M Mode_ANT 1

TX HT40 mode CH03



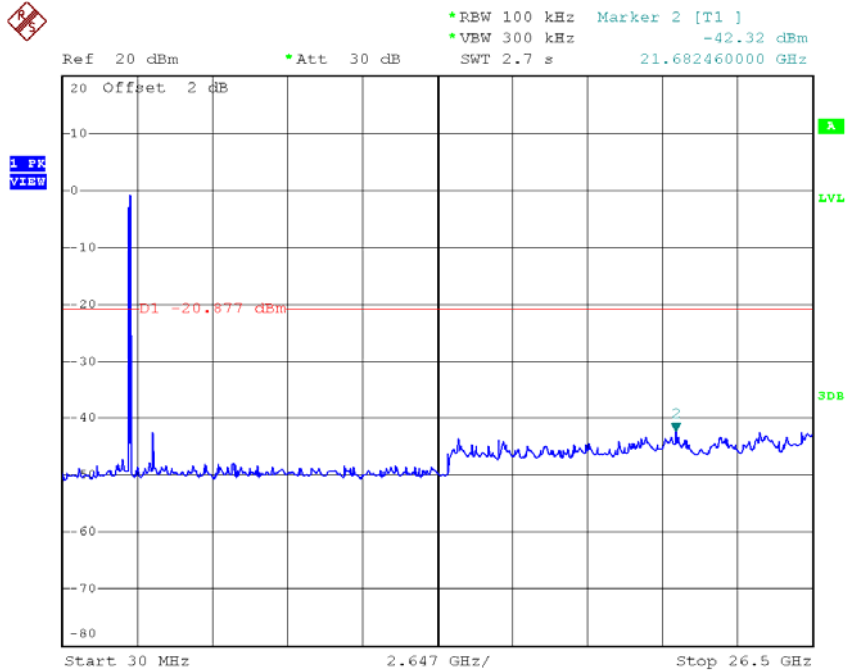
Date: 18.MAR.2016 10:38:49

TX HT40 mode CH09



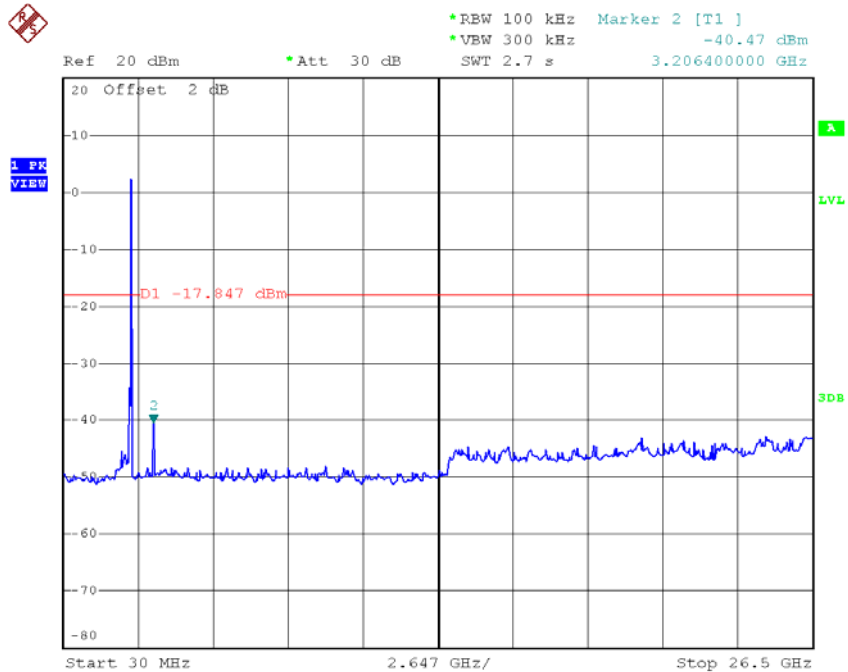
Date: 18.MAR.2016 10:42:18

TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:38:41

TX HT40 mode CH06 (10 Harmonic of the frequency)

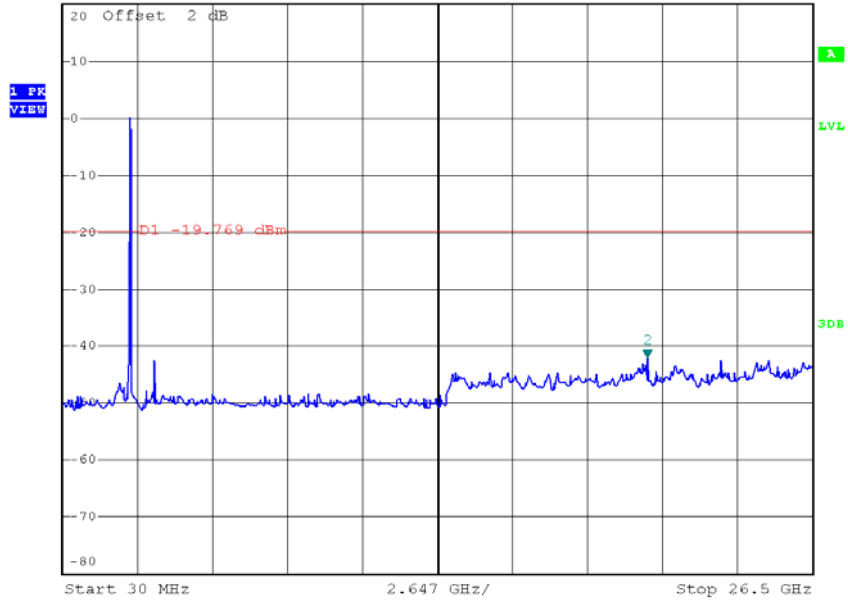


Date: 18.MAR.2016 10:40:40

TX HT40 mode CH09 (10 Harmonic of the frequency)



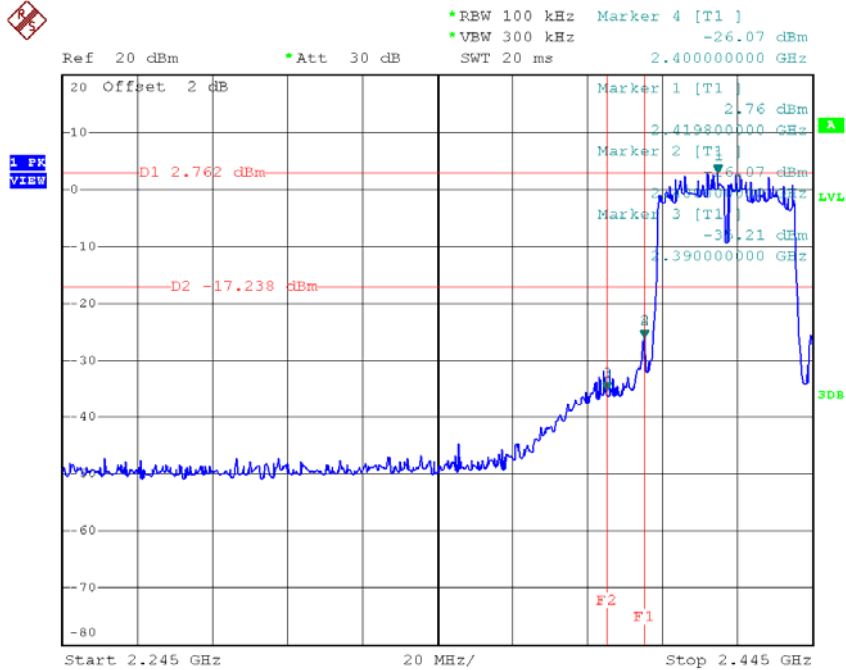
Ref 20 dBm Att 30 dB REW 100 kHz Marker 2 [T1]
VBW 300 kHz -42.04 dBm
SWT 2.7 s 20.67660000 GHz



Date: 18.MAR.2016 10:42:09

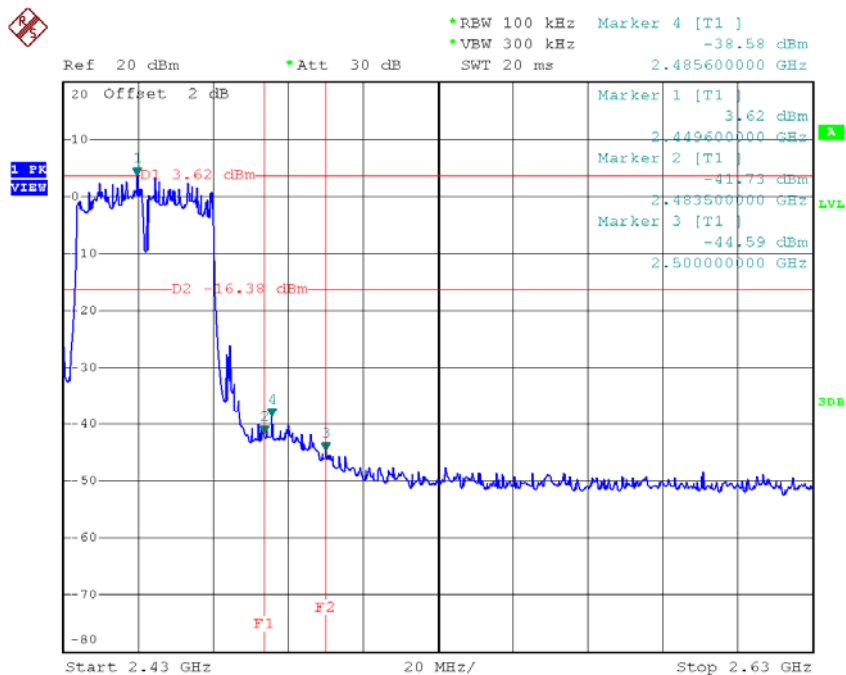
Test Mode : TX N-40M Mode_ANT 2

TX HT40 mode CH03



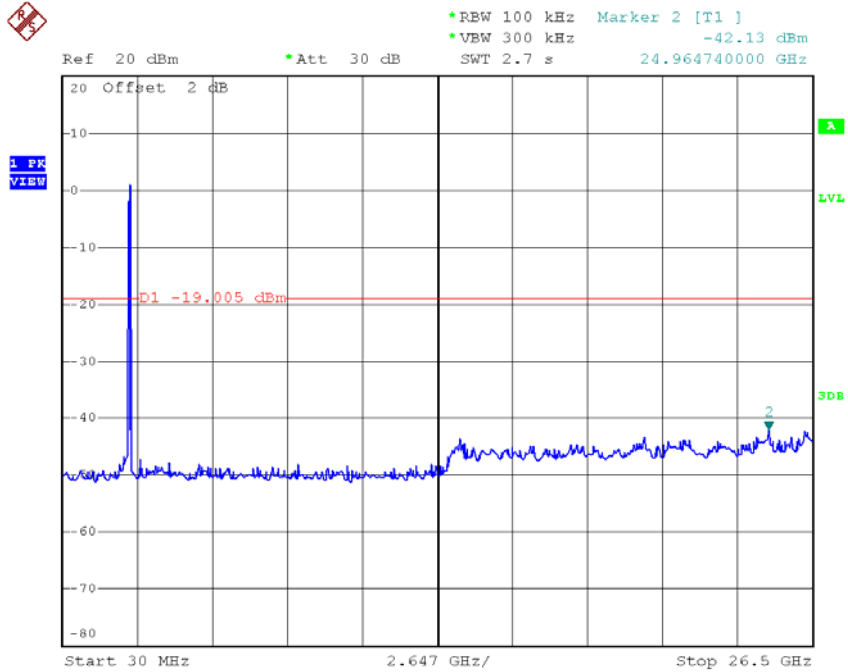
Date: 18.MAR.2016 10:50:18

TX HT40 mode CH09



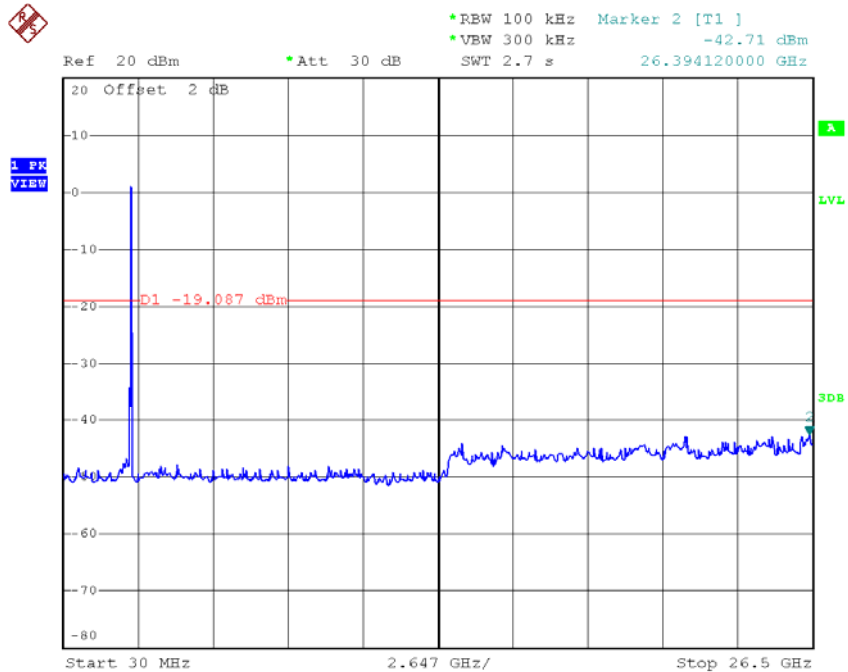
Date: 18.MAR.2016 10:53:43

TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:50:09

TX HT40 mode CH06 (10 Harmonic of the frequency)

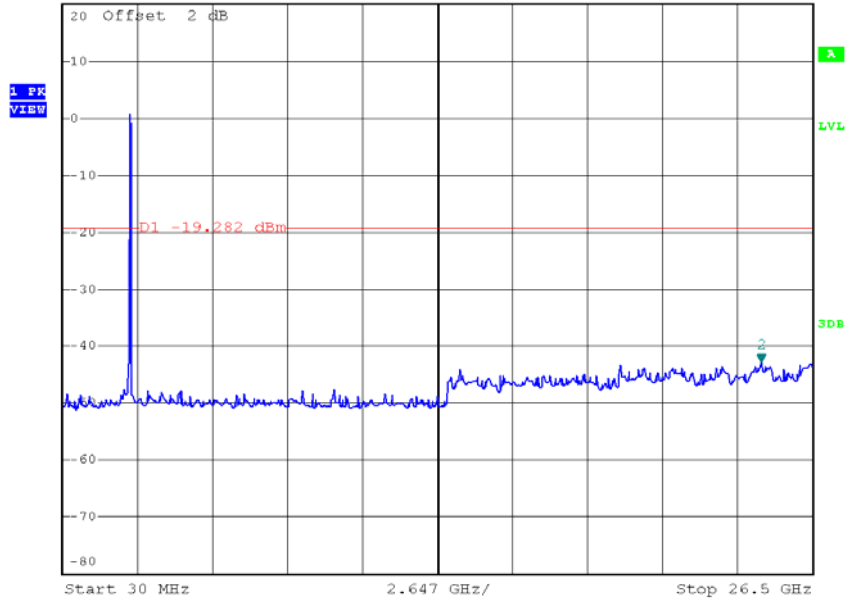


Date: 18.MAR.2016 10:52:41

TX HT40 mode CH09 (10 Harmonic of the frequency)



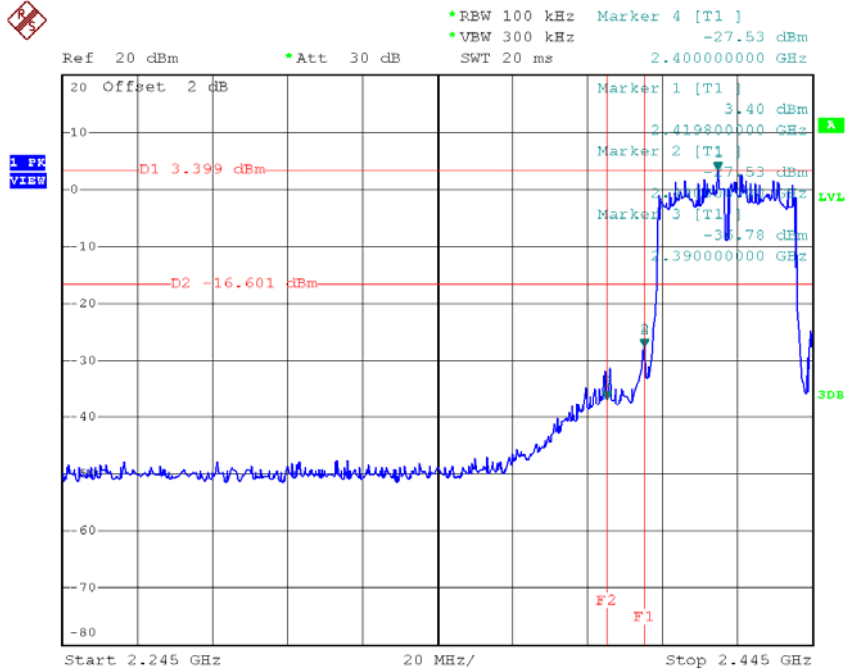
Ref 20 dBm Att 30 dB REW 100 kHz Marker 2 [T1]
VBW 300 kHz -42.89 dBm
SWT 2.7 s 24.700040000 GHz



Date: 18.MAR.2016 10:53:34

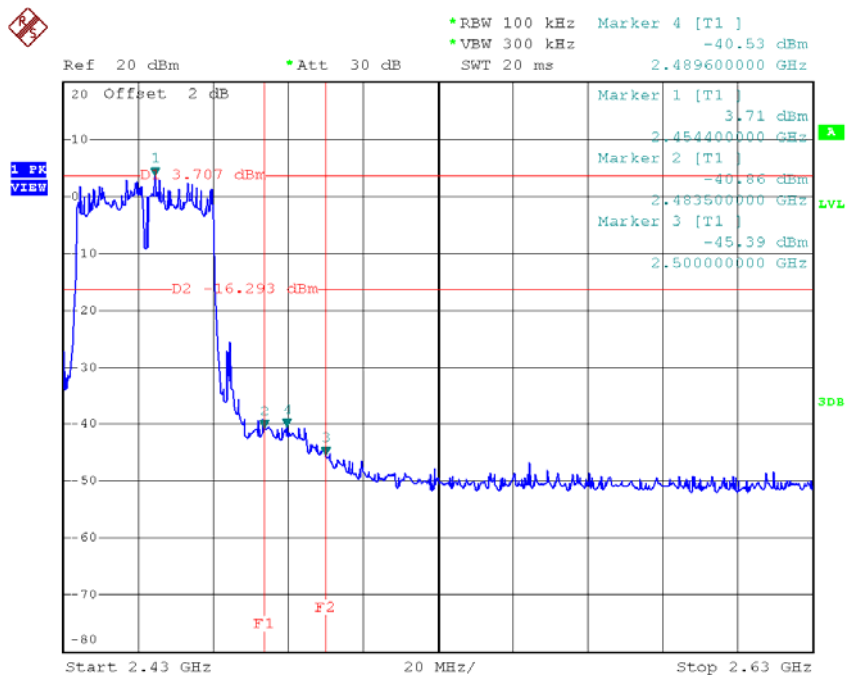
Test Mode : TX N-40M Mode_ANT 3

TX HT40 mode CH03



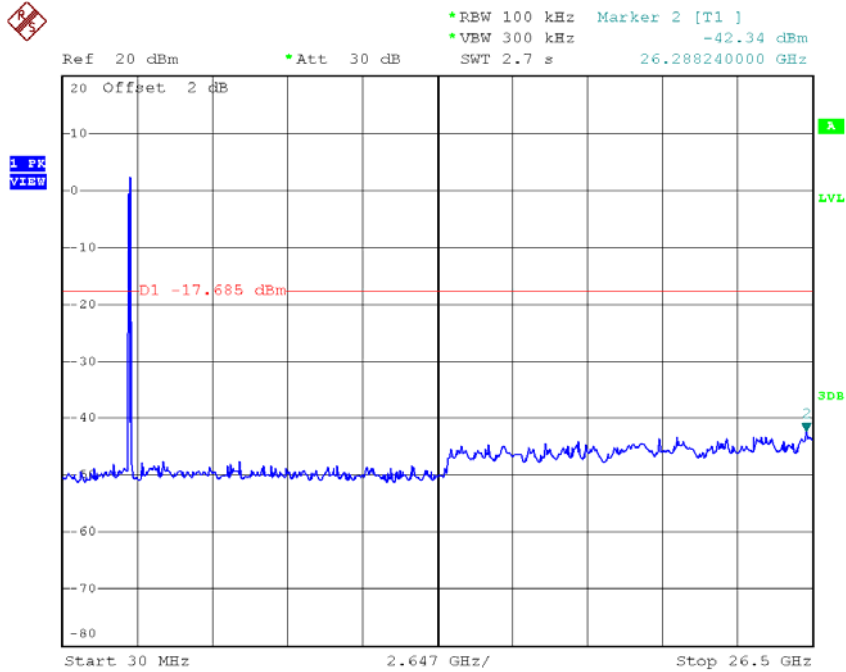
Date: 18.MAR.2016 11:00:04

TX HT40 mode CH09



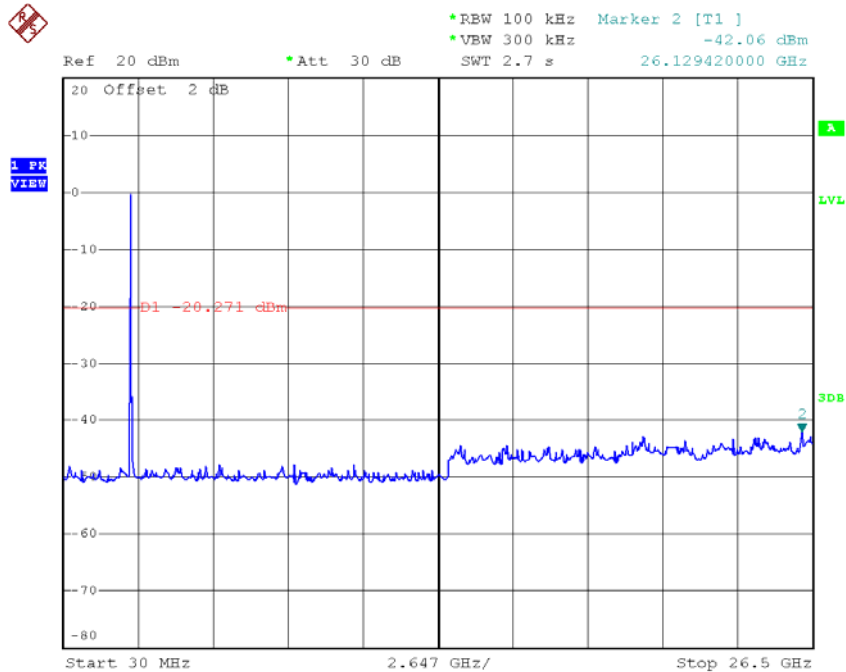
Date: 18.MAR.2016 11:02:07

TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 18.MAR.2016 10:59:55

TX HT40 mode CH06 (10 Harmonic of the frequency)

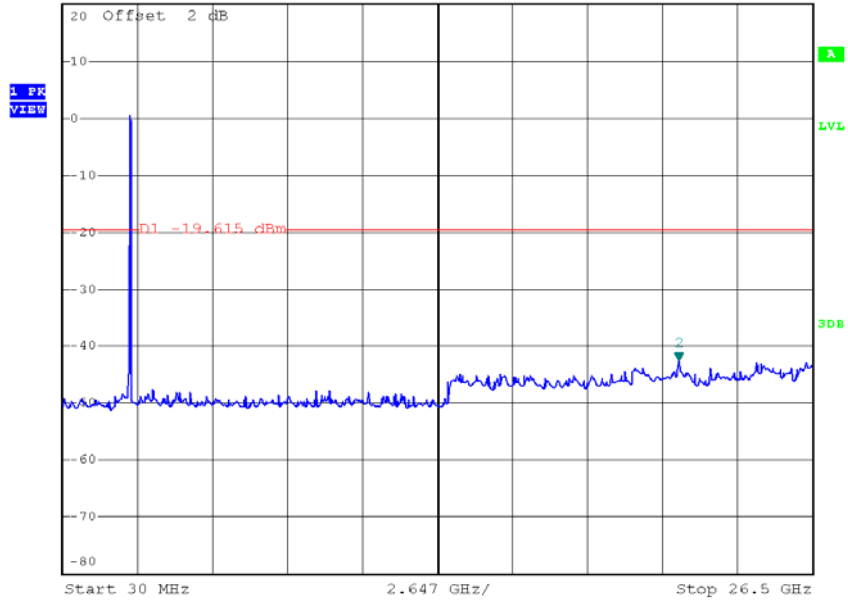


Date: 18.MAR.2016 11:01:01

TX HT40 mode CH09 (10 Harmonic of the frequency)



*REW 100 kHz Marker 2 [T1]
 *VBW 300 kHz -42.63 dBm
 Ref 20 dBm *Att 30 dB SWT 2.7 s 21.788340000 GHz

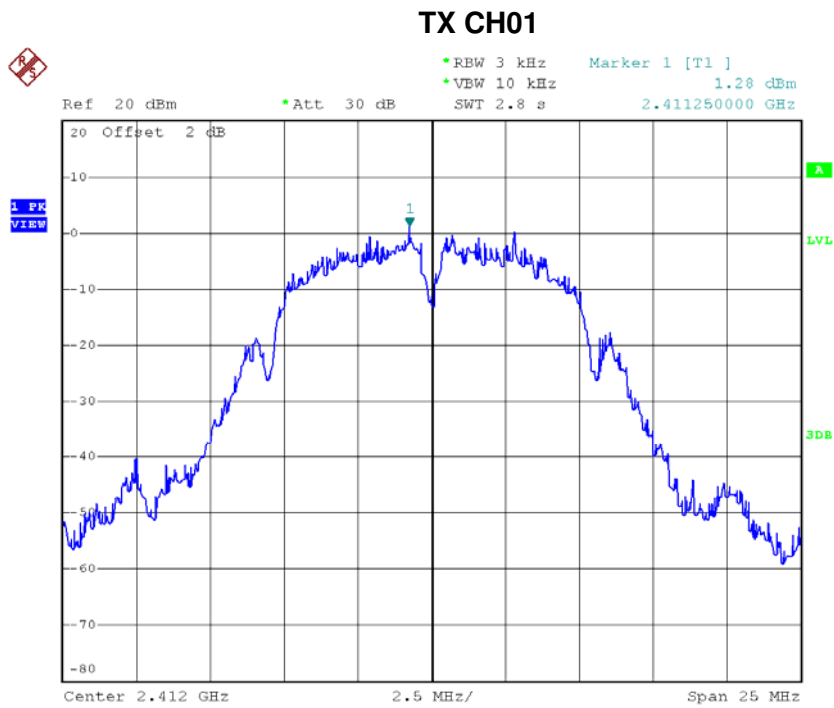


Date: 18.MAR.2016 11:01:58

ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	1.28	1.3428	8.00	Complies
2437	0.77	1.1940	8.00	Complies
2462	0.42	1.1015	8.00	Complies

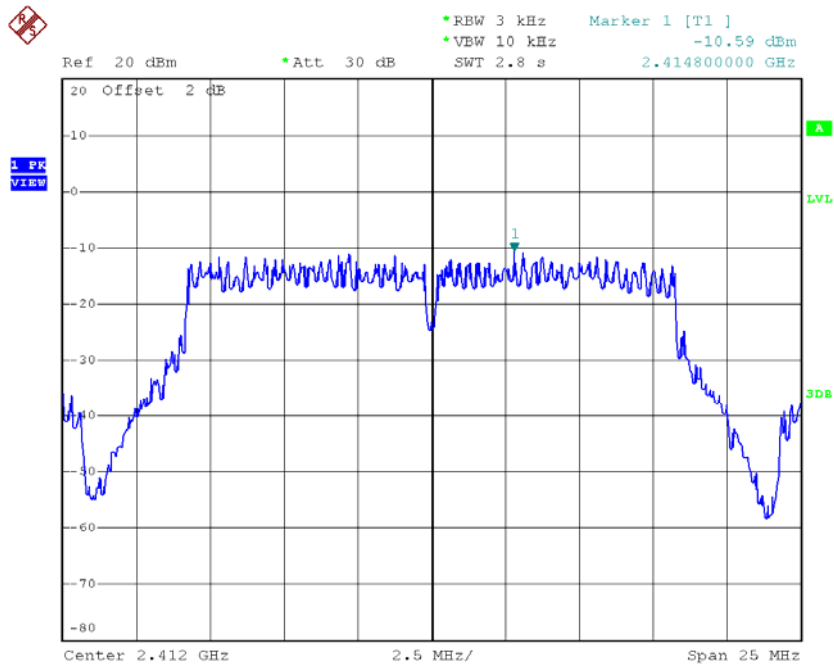


Date: 18.MAR.2016 10:24:52

Test Mode :TX G Mode_CH01/06/11

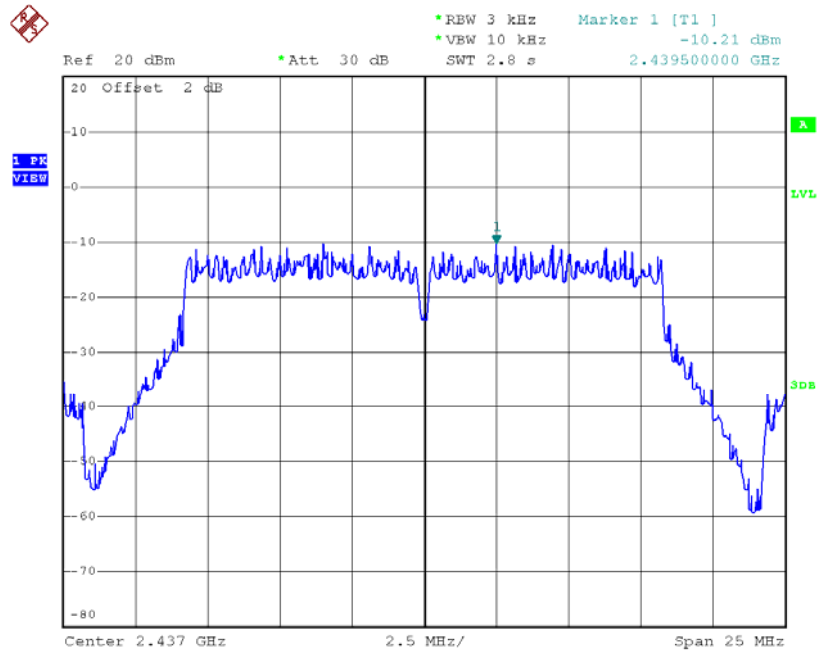
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-10.59	0.0873	8.00	Complies
2437	-10.21	0.0953	8.00	Complies
2462	-10.20	0.0955	8.00	Complies

TX CH01



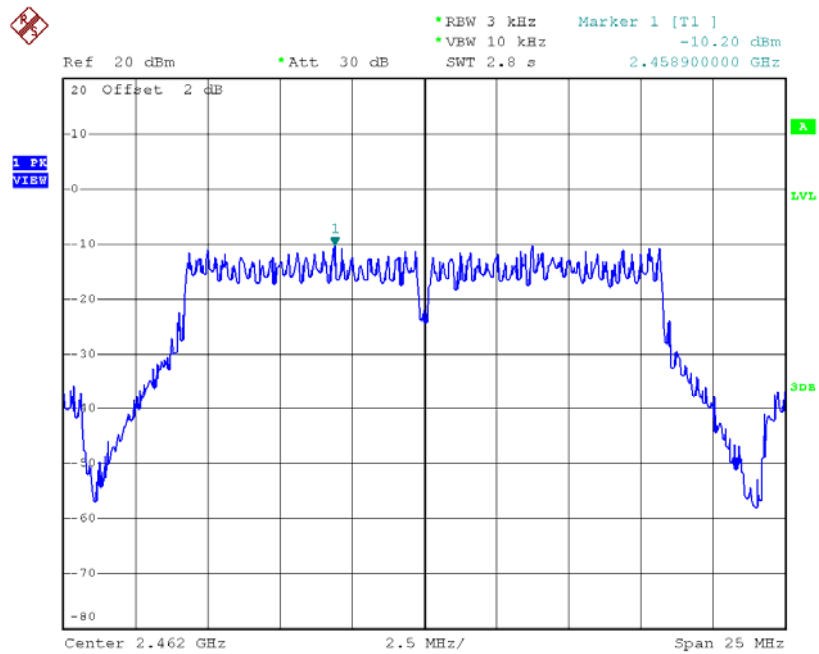
Date: 18.MAR.2016 10:30:04

TX CH06



Date: 18.MAR.2016 10:30:56

TX CH11

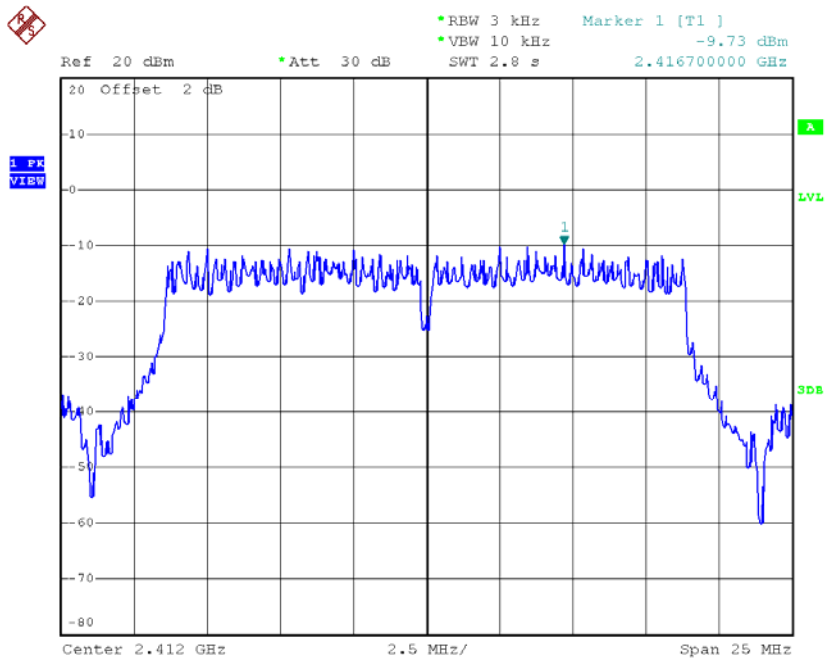


Date: 18.MAR.2016 10:33:44

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

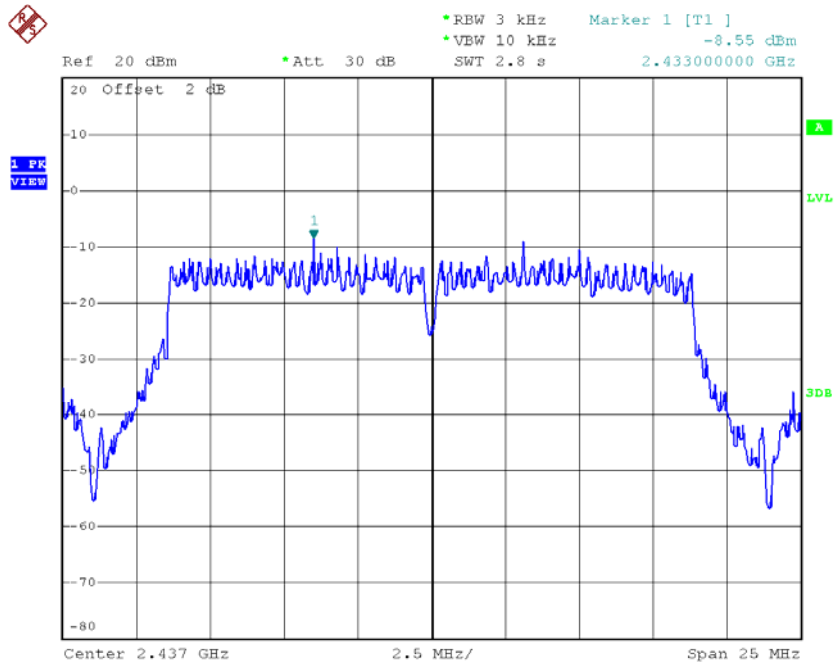
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.73	0.1064	8.00	Complies
2437	-8.55	0.1396	8.00	Complies
2462	-10.16	0.0964	8.00	Complies

TX CH01



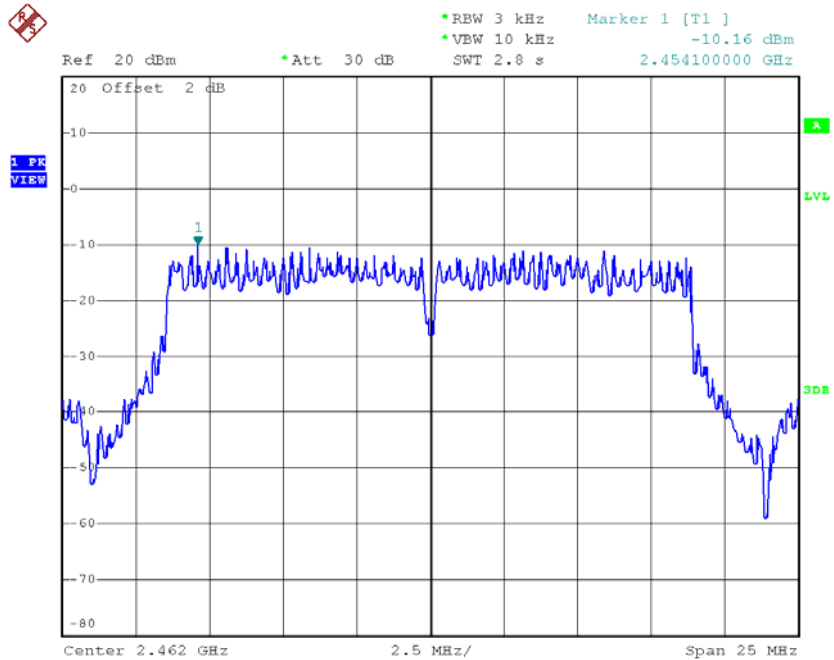
Date: 18.MAR.2016 10:35:29

TX CH06



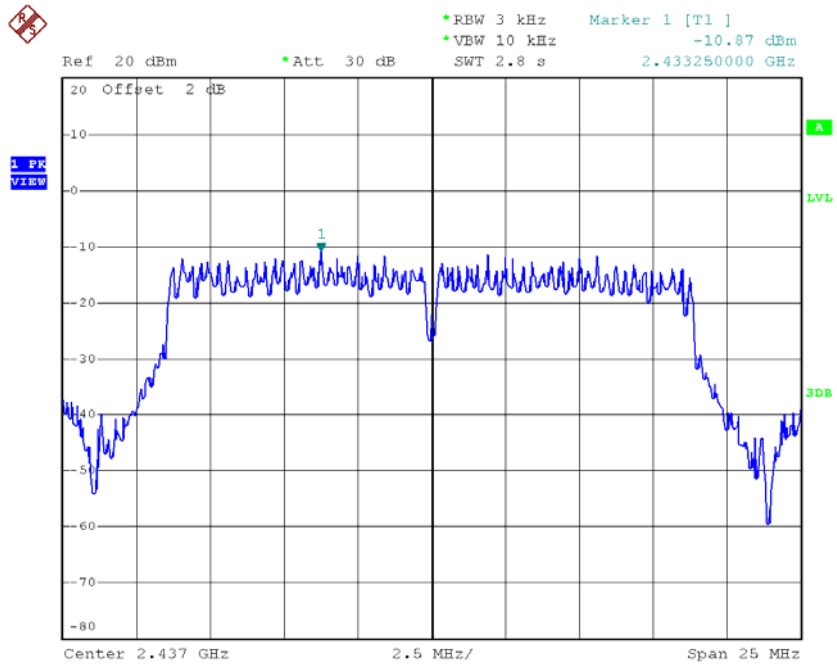
Date: 18.MAR.2016 10:36:34

TX CH11



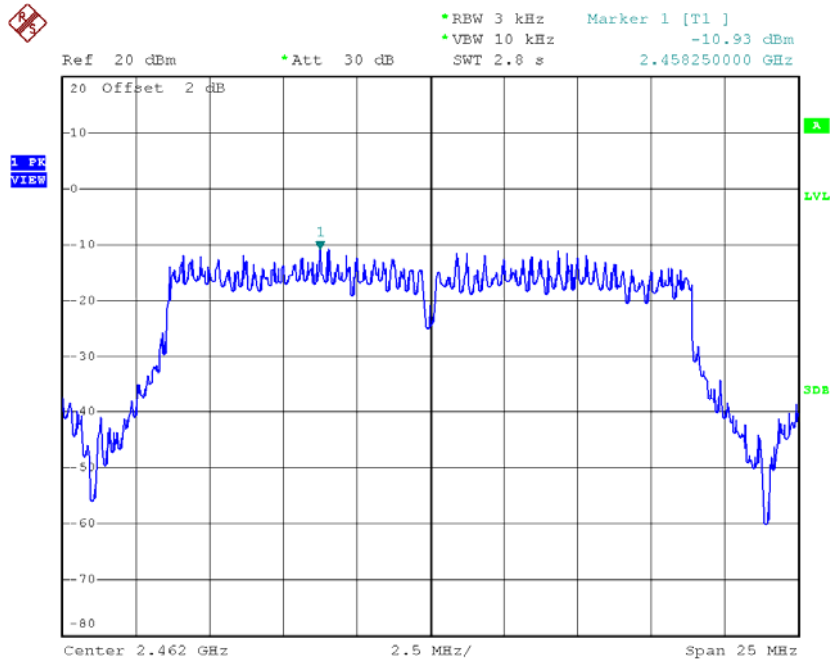
Date: 18.MAR.2016 10:37:44

TX CH06



Date: 18.MAR.2016 10:47:50

TX CH11

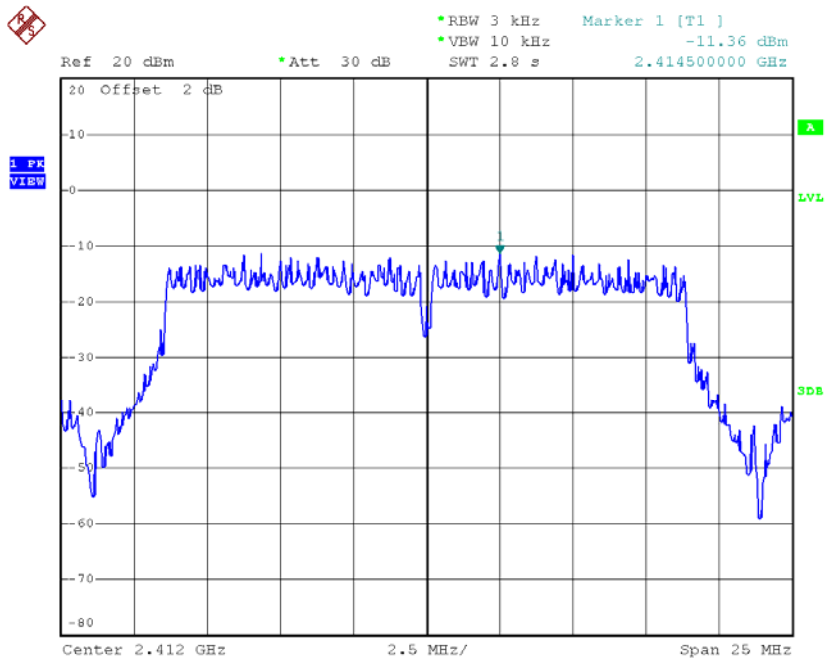


Date: 18.MAR.2016 10:48:58

Test Mode : TX N-20M Mode_CH01/06/11_ANT 3

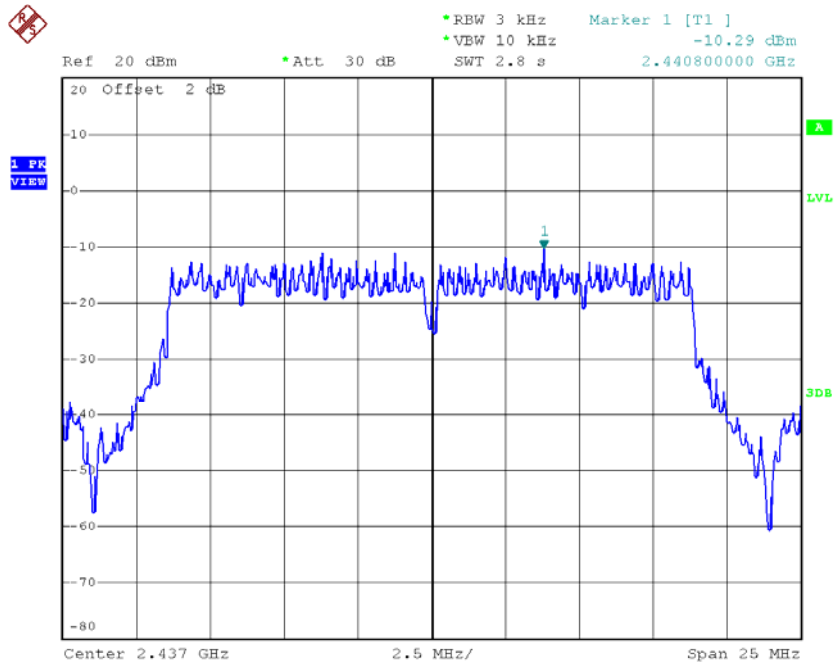
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.36	0.0731	8.00	Complies
2437	-10.29	0.0935	8.00	Complies
2462	-14.11	0.0388	8.00	Complies

TX CH01



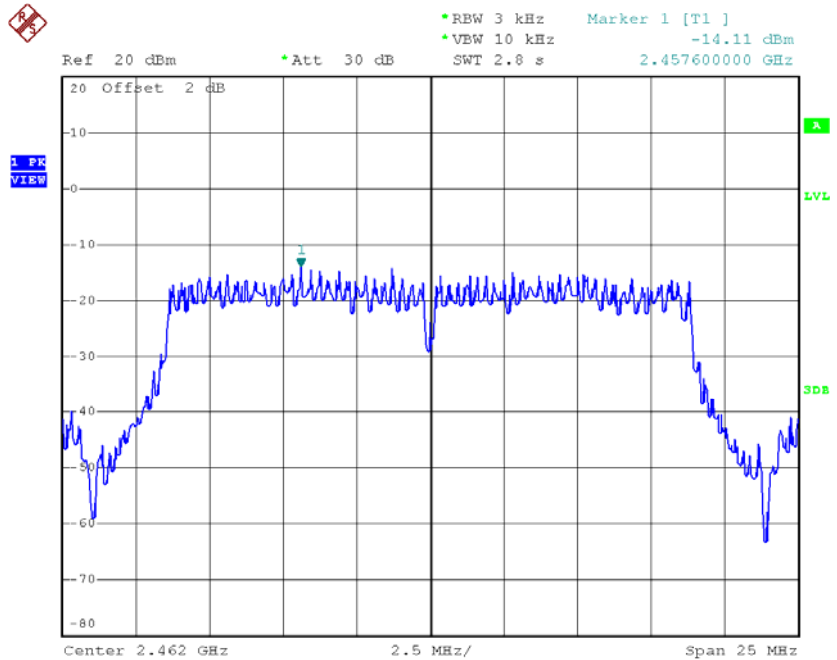
Date: 18.MAR.2016 10:55:33

TX CH06



Date: 18.MAR.2016 10:56:27

TX CH11



Date: 18.MAR.2016 10:59:12

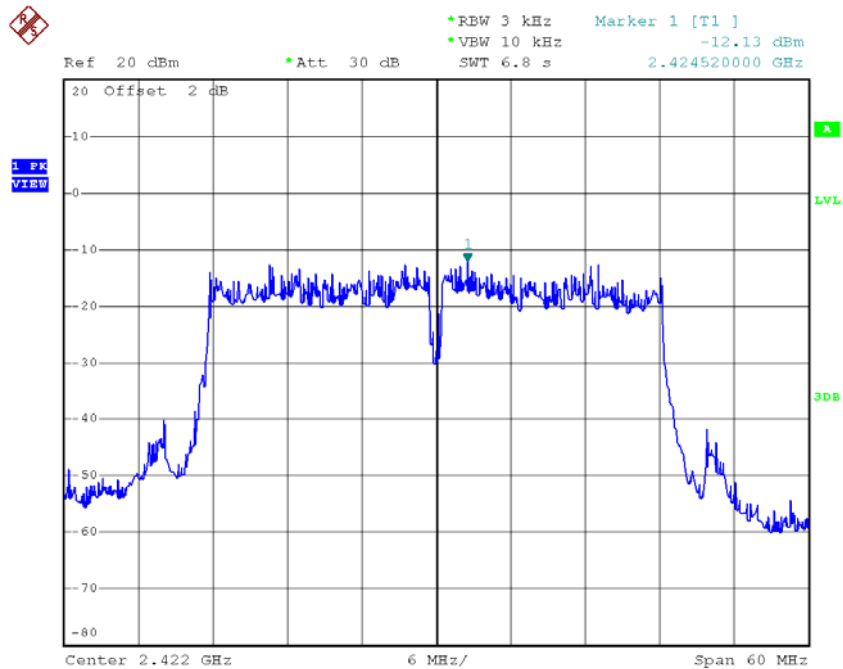
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-5.79	0.26	8.00	Complies
2437	-5.02	0.31	8.00	Complies
2462	-6.66	0.22	8.00	Complies

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

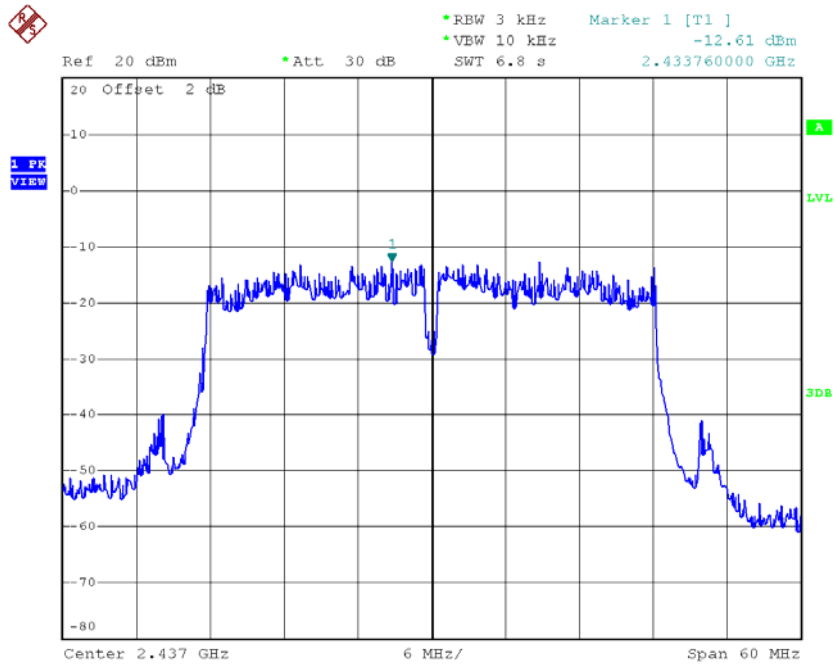
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-12.13	0.0612	8.00	Complies
2437	-12.61	0.0548	8.00	Complies
2452	-10.64	0.0863	8.00	Complies

TX CH03



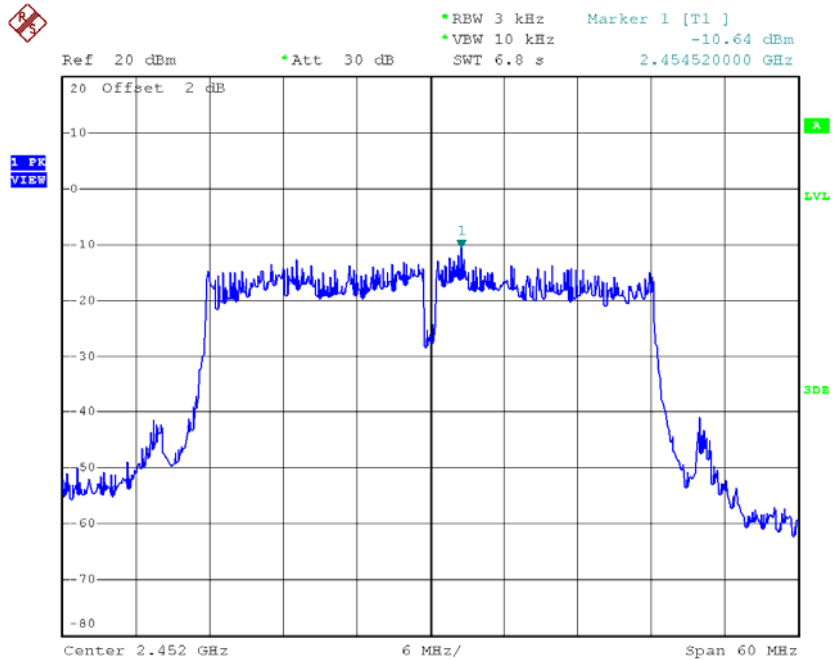
Date: 18.MAR.2016 10:39:57

TX CH06



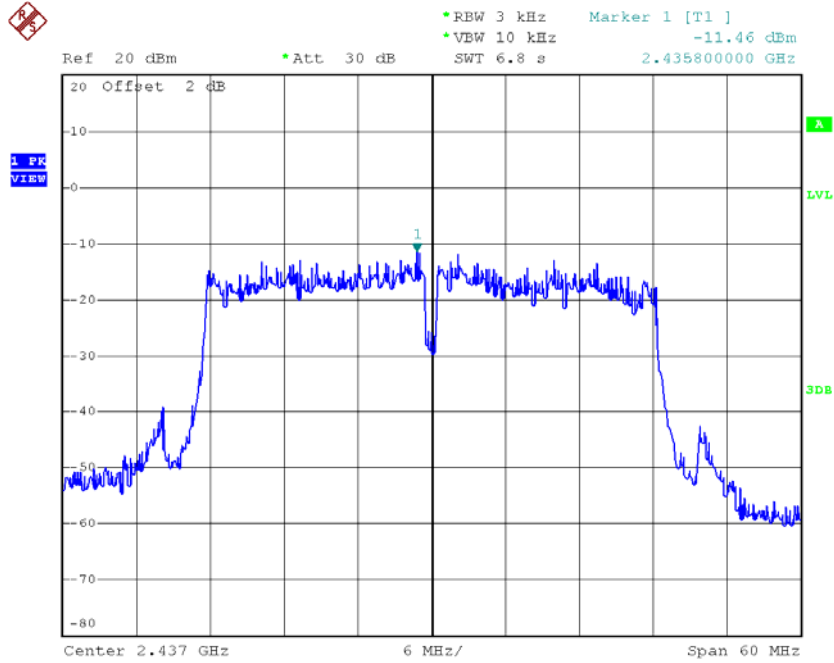
Date: 18.MAR.2016 10:40:53

TX CH09



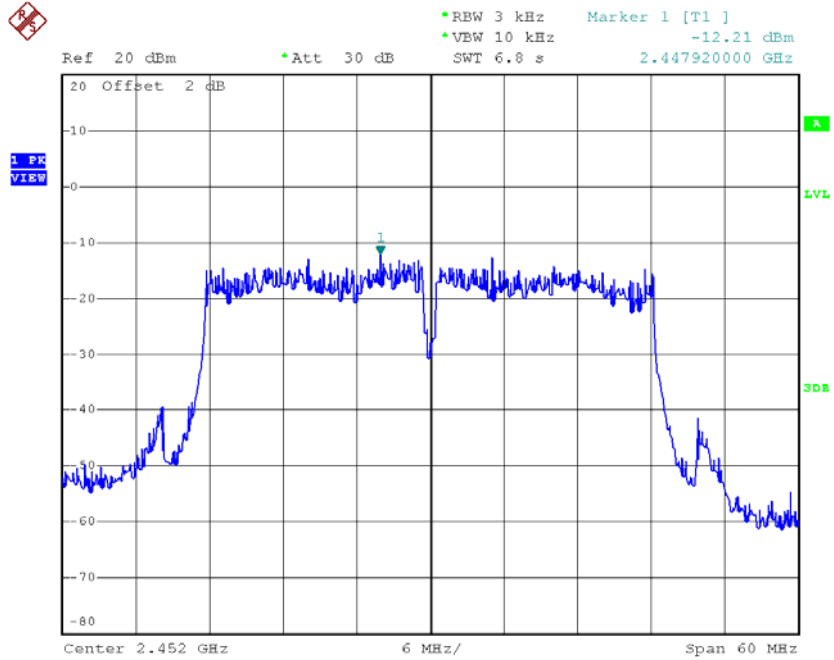
Date: 18.MAR.2016 10:42:31

TX CH06



Date: 18.MAR.2016 10:52:54

TX CH09

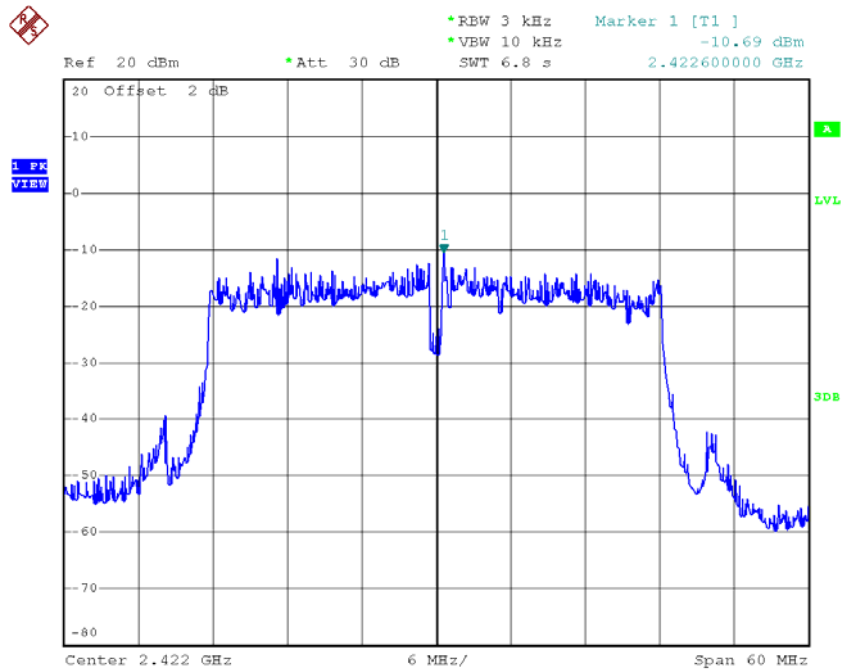


Date: 18.MAR.2016 10:53:56

Test Mode : TX N-40M Mode_CH03/06/09_ANT 3

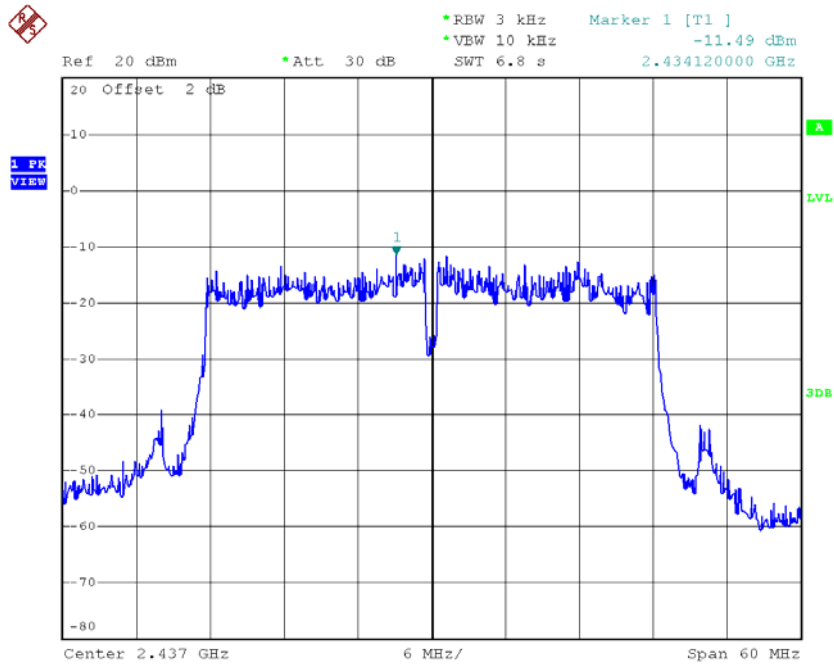
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-10.69	0.0853	8.00	Complies
2437	-11.49	0.0710	8.00	Complies
2452	-11.77	0.0665	8.00	Complies

TX CH03



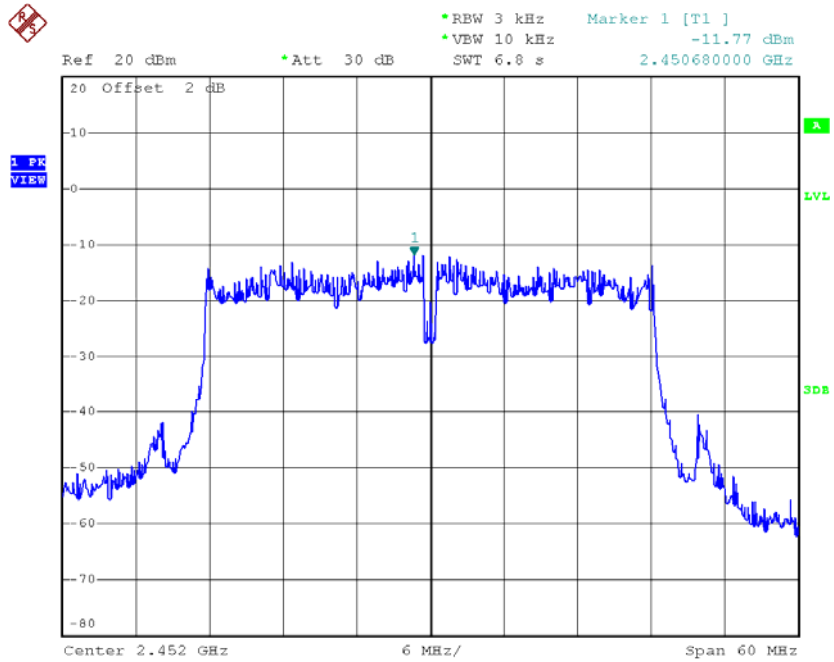
Date: 18.MAR.2016 11:00:17

TX CH06



Date: 18.MAR.2016 11:01:14

TX CH09



Date: 18.MAR.2016 11:02:20

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

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-6.46	0.23	8.00	Complies
2437	-7.05	0.20	8.00	Complies
2452	-6.72	0.21	8.00	Complies