FCC Radio Test Report

FCC ID: TE7HC220G1

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

Project No.	:	1808C052
Equipment	:	AC1300 Home Wi-Fi System
Test Model	:	HC220-G1
Series Model	:	M53
Applicant	:	TP-Link Technologies Co., Ltd.
Address	:	Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China

Date of Receipt	:	Aug. 11, 2018
Date of Test	:	Aug. 14, 2018 ~ Oct. 23, 2018
Issued Date	:	Nov. 28, 2018
Tested by	:	BTL Inc.

Testing Engineer : Chay . Cai
(Chay Cai)

Technical Manager : Shawn Xiao
(Shawn Xiao)

Authorized Signatory : Steven Lu
(Steven Lu)

BTL INC.

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

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

Certificate #5123.02

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

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

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

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

Limitation

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

Table of Contents Page

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Nov. 16, 2018
R01	1. Changed the description of AC mode to VHT mode. 2. Changed the modulation technology of VHT mode.	Nov. 28, 2018

1. CERTIFICATION

Equipment	:	AC1300 Home Wi-Fi System
Brand Name	:	tp-link
Test Model	:	HC220-G1
Series Model	:	M53
Applicant	:	TP-Link Technologies Co., Ltd.
Manufacturer	:	TP-Link Technologies Co., Ltd.
Address	:	Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China
Date of Test	:	Aug. 14, 2018 ~ Oct. 23, 2018
Test Sample	:	Engineering Sample No.: D180806696 for Conducted, D180806693 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-1-1808C052) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO-17025 quality assessment standard and technical standard(s).

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

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C			
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6 dB Bandwidth	PASS	
15.247(b)(3)	Maximum Average 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 ~ 30 MHz	2.32

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9 KHz~30 MHz	V	3.79
		9 KHz~30 MHz	H	3.57
		30 MHz~200 MHz	V	3.82
		30 MH~200 MHz	H	3.78
		200 MHz~1,000 MHz	V	4.10
		200 MHz~1,000 MHz	H	4.06
		1 GHz~18 GHz	V	3.12
		1 GHz~18 GHz	H	3.68
		18 GHz~40 GHz	V	4.15
		18 GHz~40 GHz	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	AC1300 Home Wi-Fi System	
Brand Name	tp-link	
Test Model	HC220-G1	
Series Model	M53	
Model Difference(s)	Only differ in model name.	
Product Description	Operation Frequency	2412 MHz ~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM vht:256QAM
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n: up to 300 Mbps vht: up to 400 Mbps
Output Power	Average Output Power (Max.) - Non Beamforming	802.11b: 22.83 dBm 802.11g: 22.98 dBm 802.11n(20 MHz): 22.83 dBm 802.11n(40 MHz): 19.90 dBm vht(20 MHz): 22.79 dBm vht(40 MHz): 19.92 dBm
	Average Output Power (Max.) - Beamforming	802.11n(20 MHz):22.61 dBm 802.11n(40 MHz):22.69 dBm vht(20 MHz): 22.42 dBm vht(40 MHz): 22.53 dBm
Power Source	DC voltage supplied from AC/DC adapter. Brand/Model:TOPOW / TPA158K-18120-US	
Power Rating	I/P:100-240V~ 50/60Hz 0.8A O/P:12V ⎓ 1.5A	

Note:

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

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

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	3.71
2	N/A	N/A	Internal	N/A	3.71

Note: This EUT supports CDD, and all antennas have the same gain,

(1) For Non Beamforming function,

Directional gain=G_{ANT}+Array Gain,

For power spectral density measurements, Array Gain=10log(N_{ANT}/N_{SS}) dB

that is Directional gain=3.71+10log(2/1)=6.72.

So, the power density limit is 8-6.72+6=7.28.

(2) For Beamforming function,

Beamforming gain: 3dBi,so Directional gain=3+3.71=6.71dBi.

Then, the average output power limit is 30-6.71+6=29.29.

The power density limit is 8-6.71+6=7.29.

4. The worst case for 2TX as follow:

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

3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX VHT-20 MHz Mode Channel 01/06/11
Mode 6	TX VHT-40 MHz Mode Channel 03/06/09
Mode 7	TX Mode
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 11	TX N-40 MHz Mode Channel 03/04/06/08/09
Mode 12	TX VHT-20 MHz Mode Channel 01/02/06/10/11
Mode 13	TX VHT-40 MHz Mode Channel 03/04/06/08/09

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

For Conducted Test	
Final Test Mode:	Description
Mode 7	TX Mode

For Radiated Test	
Final Test Mode:	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX VHT-20 MHz Mode Channel 01/06/11
Mode 6	TX VHT-40 MHz Mode Channel 03/06/09

For Band Edge Test	
Final Test Mode:	Description
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 11	TX N-40 MHz Mode Channel 03/04/06/08/09
Mode 12	TX VHT-20 MHz Mode Channel 01/02/06/10/11
Mode 13	TX VHT-40 MHz Mode Channel 03/04/06/08/09

6 dB Spectrum Bandwidth	
Final Test Mode:	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX VHT-20 MHz Mode Channel 01/06/11
Mode 6	TX VHT-40 MHz Mode Channel 03/06/09

Maximum Average Output Power	
Final Test Mode:	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX VHT-20 MHz Mode Channel 01/06/11
Mode 6	TX VHT-40 MHz Mode Channel 03/06/09

Power Spectral Density	
Final Test Mode:	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX VHT-20 MHz Mode Channel 01/06/11
Mode 6	TX VHT-40 MHz Mode Channel 03/06/09

Note:

(1) The measurements are performed at the high, middle, low available channels.

(2) 802.11b mode: DBPSK (1 Mbps)
802.11g mode: OFDM (6 Mbps)
802.11n HT20 mode : BPSK (13 Mbps)
802.11n HT40 mode : BPSK (26 Mbps)
vht20 mode: BPSK (13 Mbps)
vht40 mode : BPSK (26 Mbps)
For radiated emission tests, the highest output powers were set for final test.

(3) For radiated 30 MHz to 1000 MHz test, the 802.11b is found to be the worst case and recorded.

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

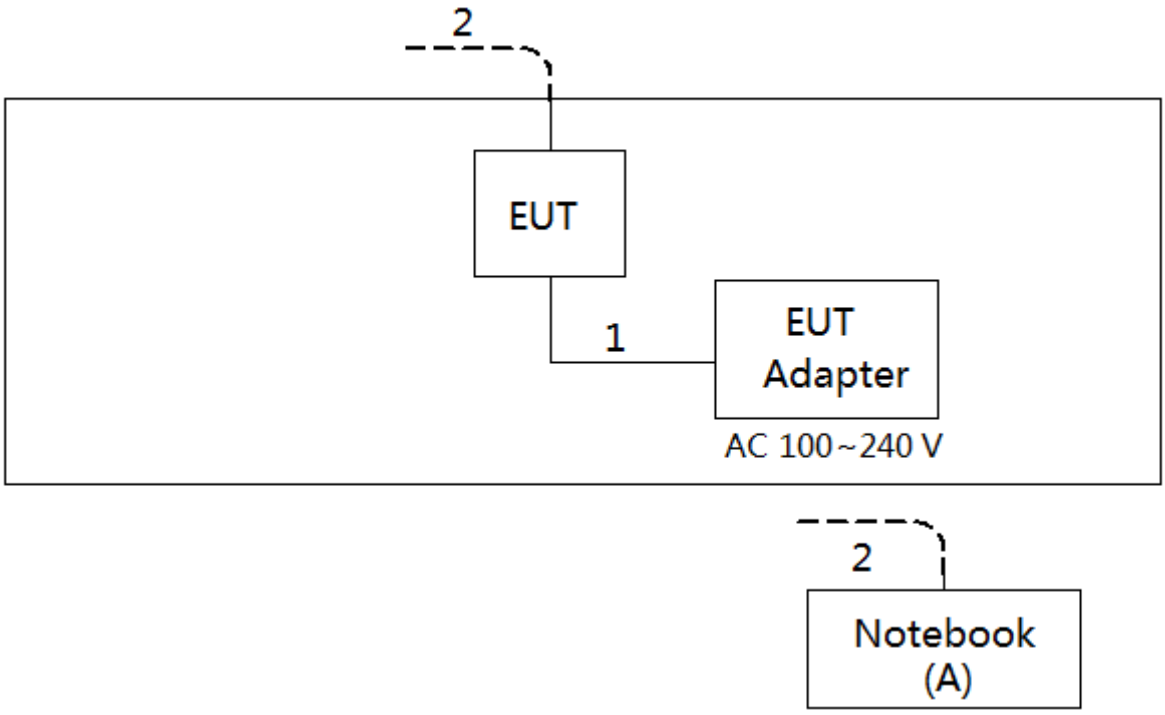
Non-Beamforming

Test software version	QRCT		
Frequency (MHz)	2412	2437	2462
802.11b	18.5	18	18
802.11g	16	19	16.5
802.11n (20 MHz)	14	19	16
vht (20 MHz)	14	19	15.5
Frequency (MHz)	2422	2437	2452
802.11n (40 MHz)	13	16.5	15
vht (40 MHz)	13.5	16.5	15

Beamforming

Test software version	QRCT		
Frequency (MHz)	2412	2437	2462
802.11n (20 MHz)	18.5	19	19
vht (20 MHz)	18.5	19	19
Frequency (MHz)	2422	2437	2452
802.11n (40 MHz)	19	19	19
vht (40 MHz)	19	19	19

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Dell	Inspiron 15-7559	N/A	N/A

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

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

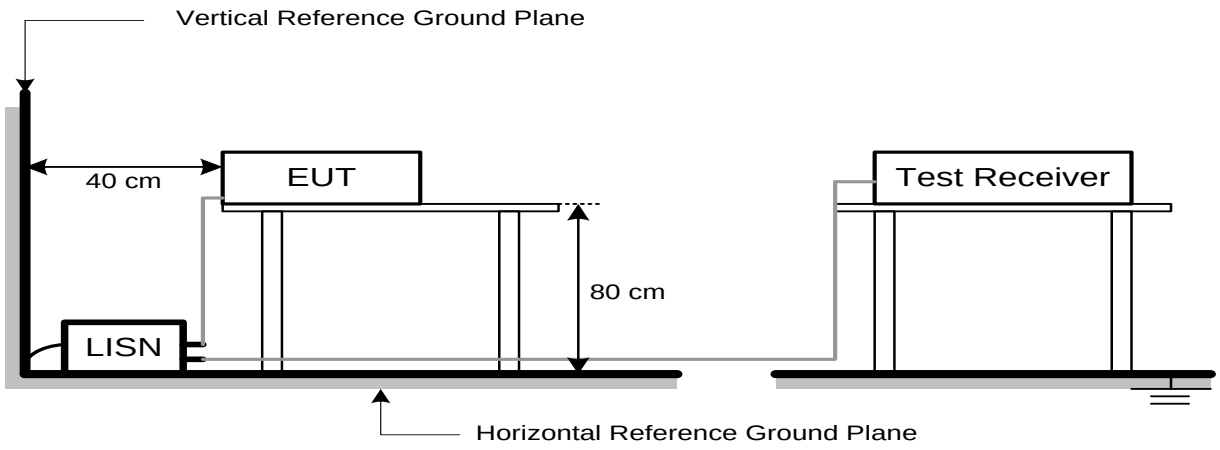
4.1.2 TEST PROCEDURE

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



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: 53% 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 (9 kHz-1000 MHz)

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 1000 MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
	Peak	Average
Above 1000	74	54

Note:

(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)	1 MHz / 3 MHz for Peak, 1 MHz / 1/T for Average

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

4.2.2 TEST PROCEDURE

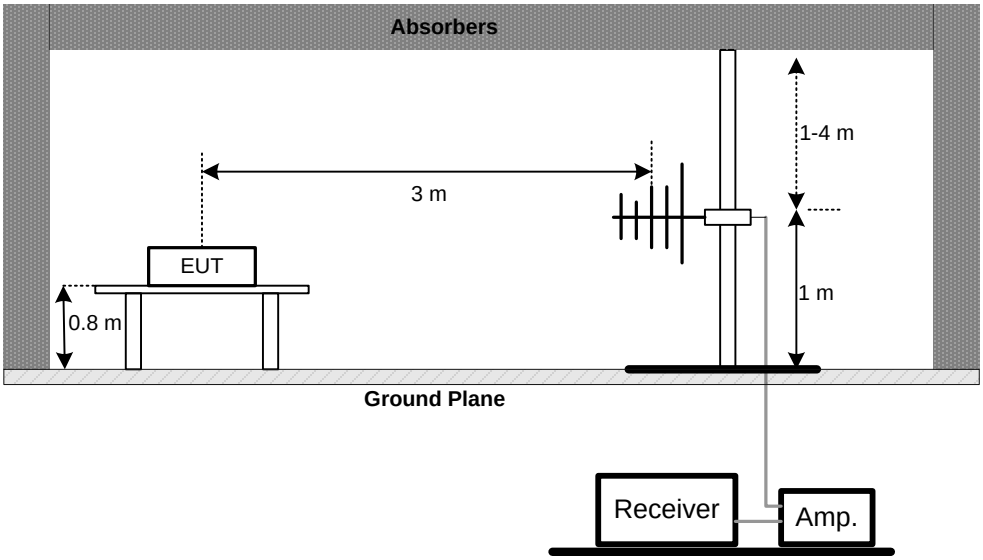
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
b. The measuring distance 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 1 GHz)
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 1 GHz.
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 1 GHz)
h. All readings are Peak Mode value unless otherwise stated Average in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than Average Limits, the EUT shall be deemed to meet both Peak & Average Limits and then only Peak Mode was measured, but Average Mode didn‘t perform. (above 1 GHz)
i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

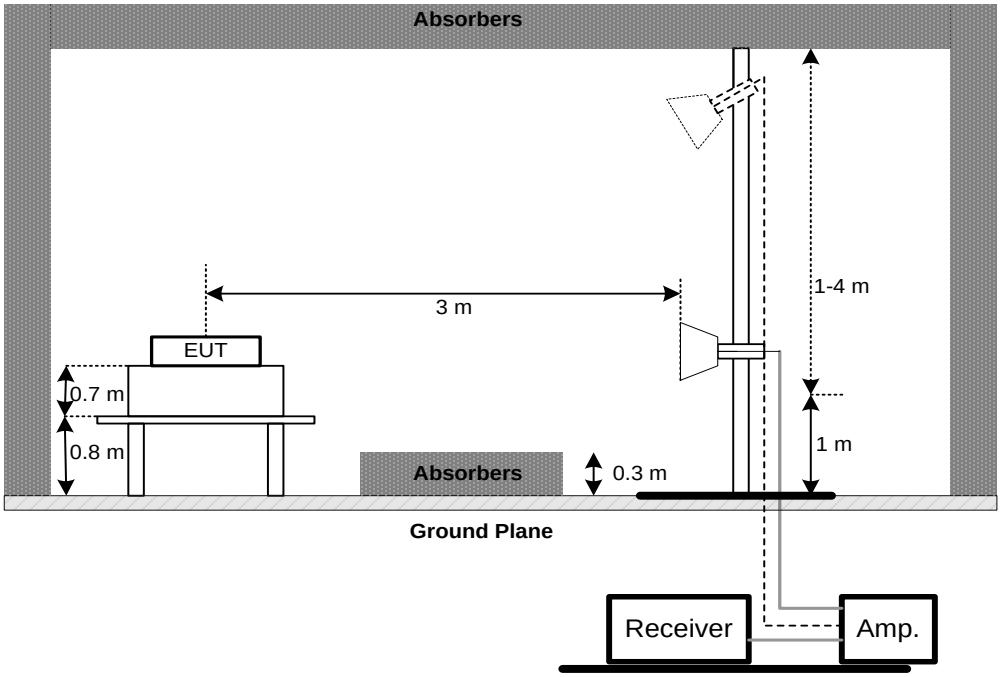
No deviation

4.2.4 TEST SETUP

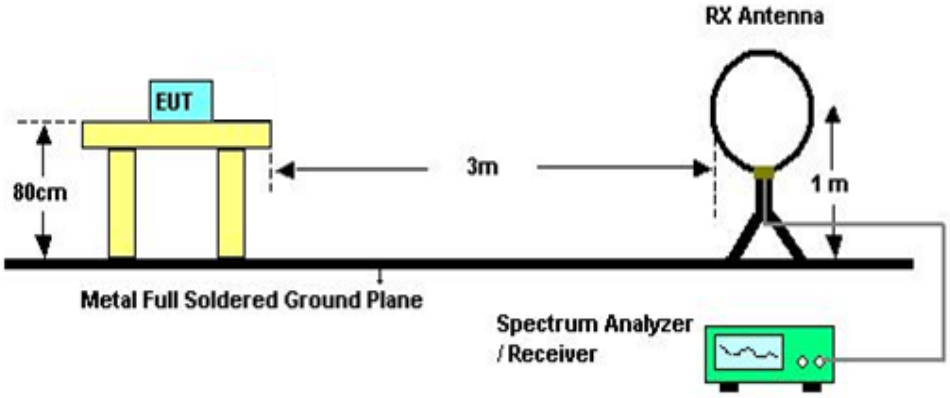
(A) Radiated Emission Test Set-Up Frequency 30 MHz-1000 MHz



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



(C) For Radiated Emissions 9 kHz-30 MHz



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: 60% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9 kHz TO 30 MHz)

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 (30 MHz TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fu6ndamental 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)	6dB Bandwidth	2400-2483.5	PASS
	99% OBW		

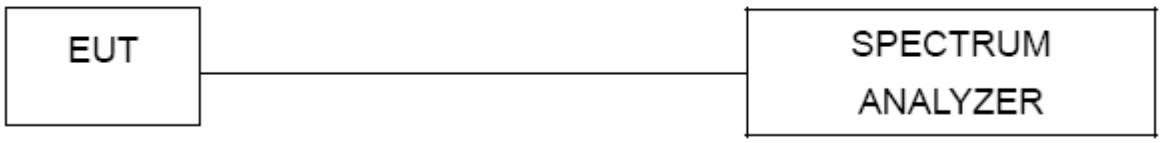
5.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. The bandwidth was performed in accordance with method 11.8 of ANSI C63.10-2013.
c. For 6dB Bandwidth Spectrum setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms. For 99% OBW Spectrum Setting: For B,G.N20 mode: RBW= 300KHz, VBW=1MHz,For N40 mode: RBW= 1MHz, VBW=3MHz 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: 26°C Relative Humidity: 42% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM AVERAGE 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 Average Output Power	1 Watt or 30 dBm	2400-2483.5	PASS

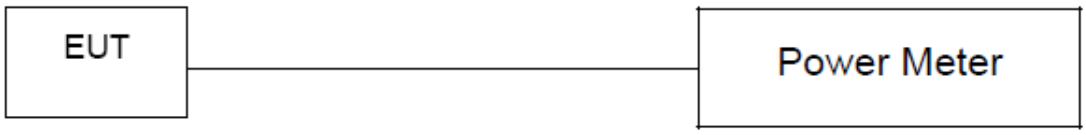
6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. The maximum AVG output power was performed in accordance with method 11.9.2.3 of ANSI C63.10-2013.

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: 26°C Relative Humidity: 42% 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 intentional radiator is operating, the radio frequency power that is produced by the intentional radiator 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 the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

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= 100 kHz, VBW=300 kHz, Sweep time = Auto.

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: 26°C Relative Humidity: 42% 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 3 kHz)	2400-2483.5	PASS

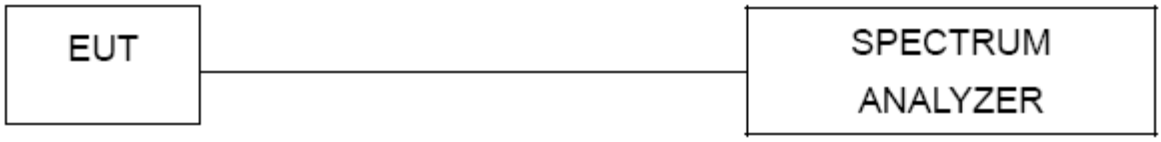
8.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. The Power Spectral Density was performed in accordance with method 11.10.2 of ANSI C63.10-2013.
c. 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: 26°C Relative Humidity: 42% 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	Mar. 23, 2019

Radiated Emission Measurement-9 kHz TO 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Feb. 07, 2019
2	Cable	N/A	RG 213/U	C-102	Jun. 01, 2019
3	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement-30 MHz TO 1000 MHz					
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	Aug. 11, 2019
3	Receiver	Agilent	N9038A	MY52130039	Aug. 11, 2019
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 25, 2019
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission 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. 30, 2019
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. 11, 2019
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	mitron	B10-01-01-12M	18072744	Jul. 30, 2019
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6 dB Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

Maximum Average 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. 11, 2019

Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

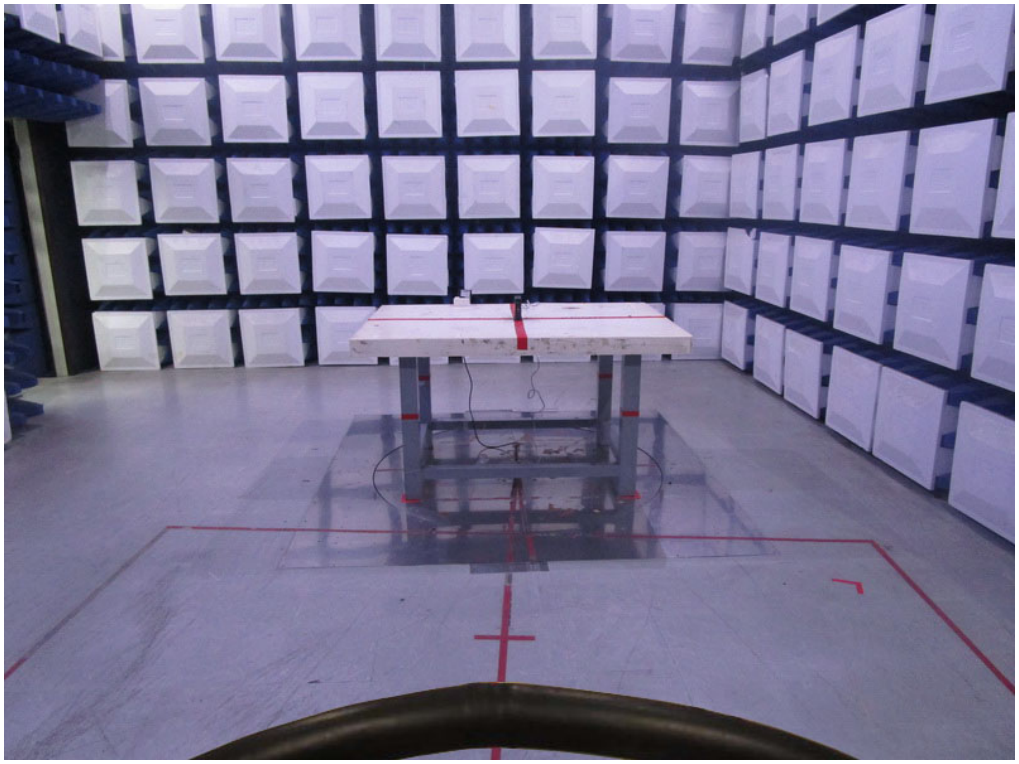
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

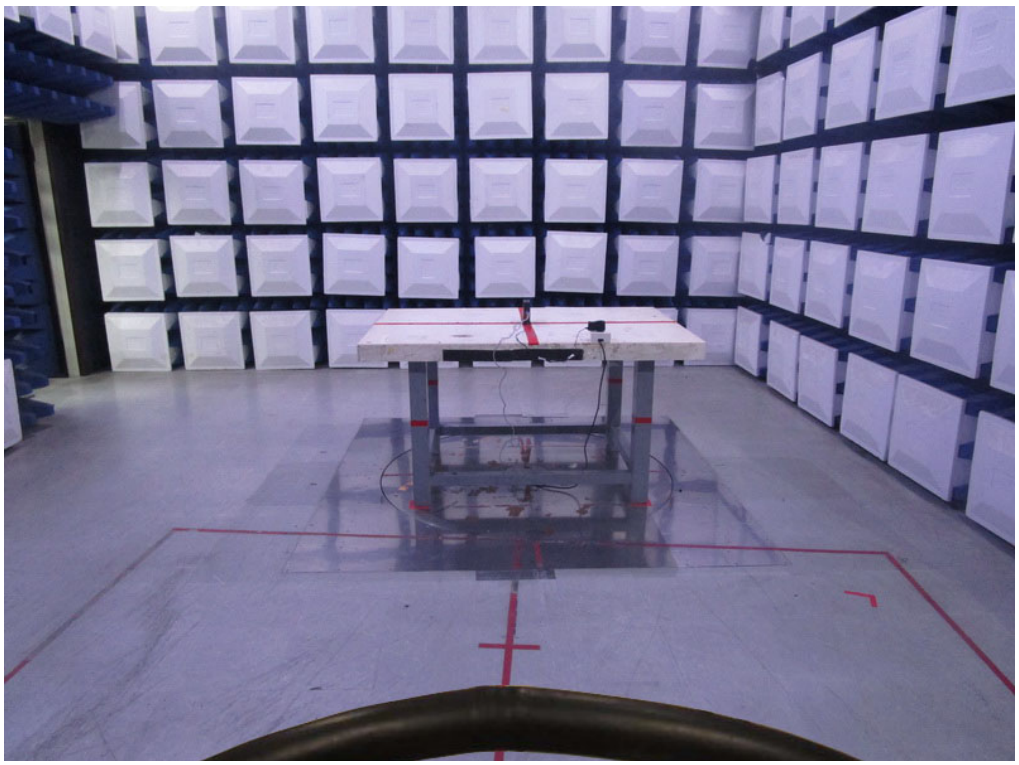
10. EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos

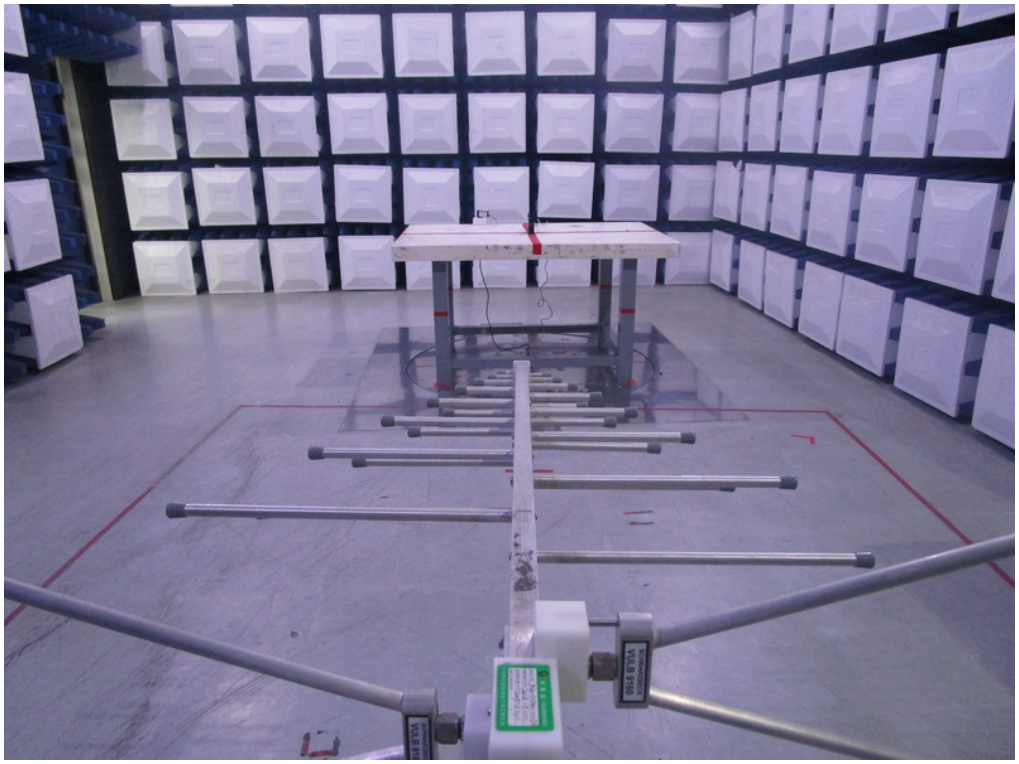
9 kHz to 30 MHz

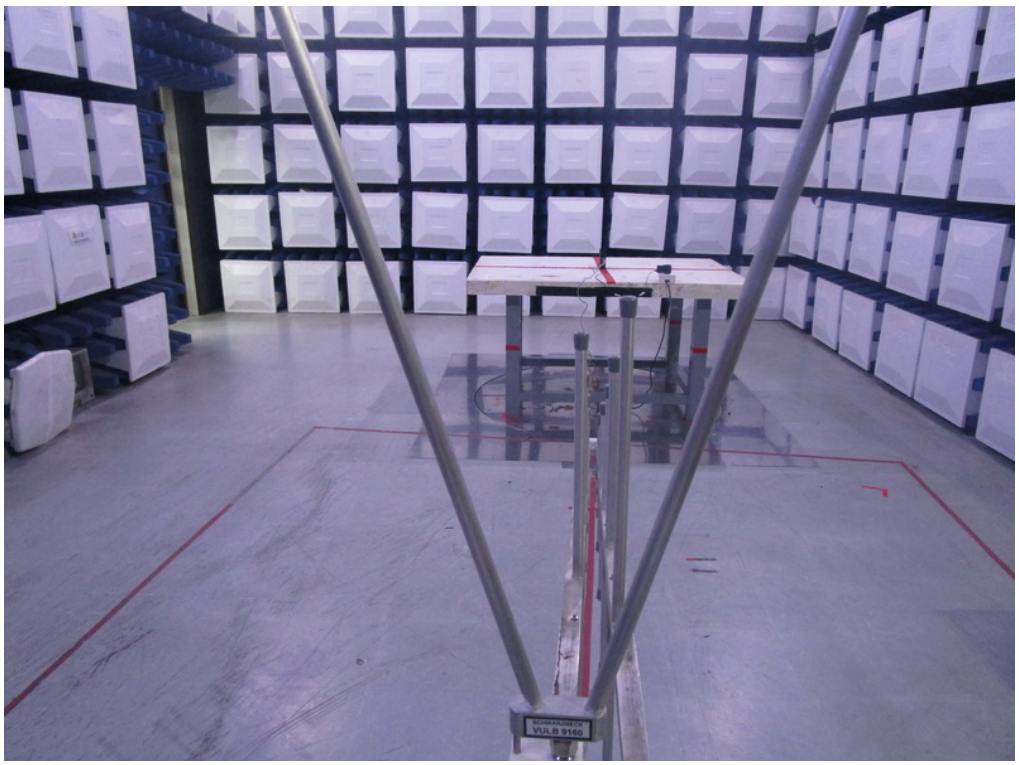




Radiated Measurement Photos

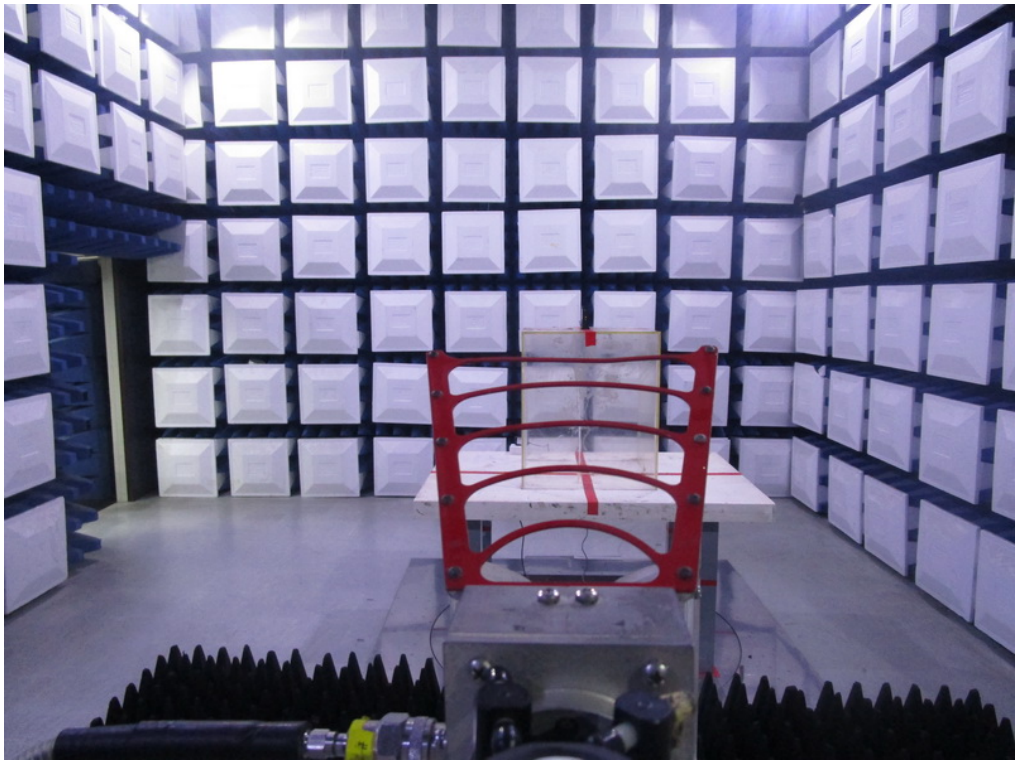
30 MHz to 1000 MHz

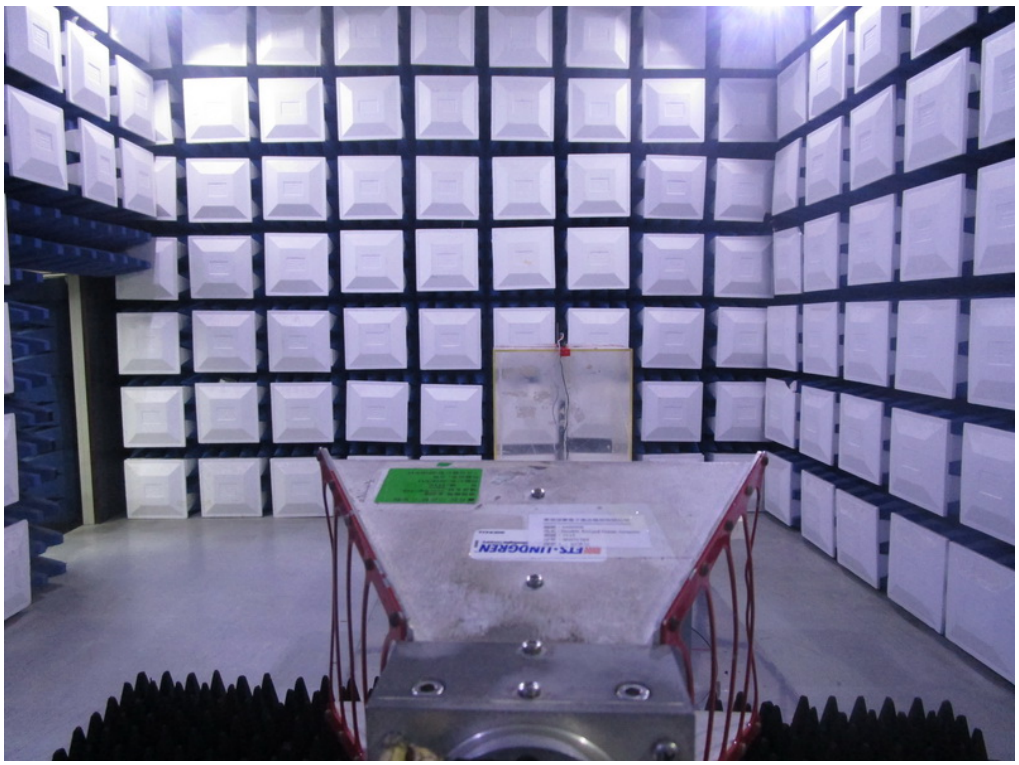




Radiated Measurement Photos

Above 1000 MHz

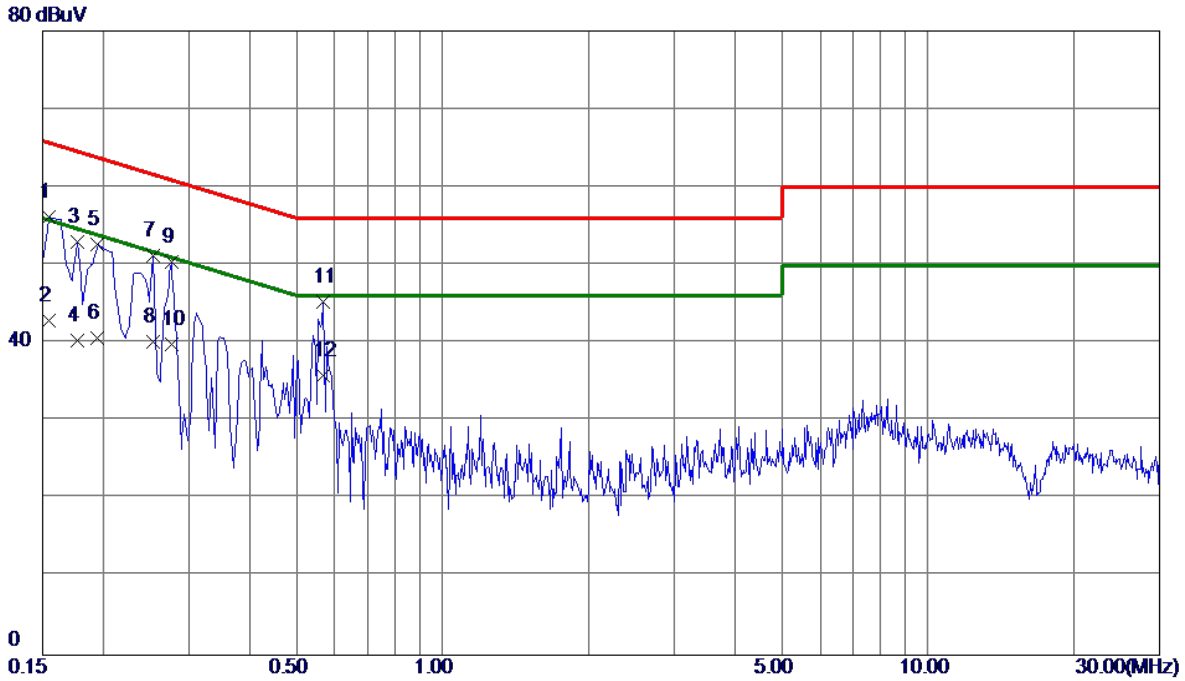




APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX Mode

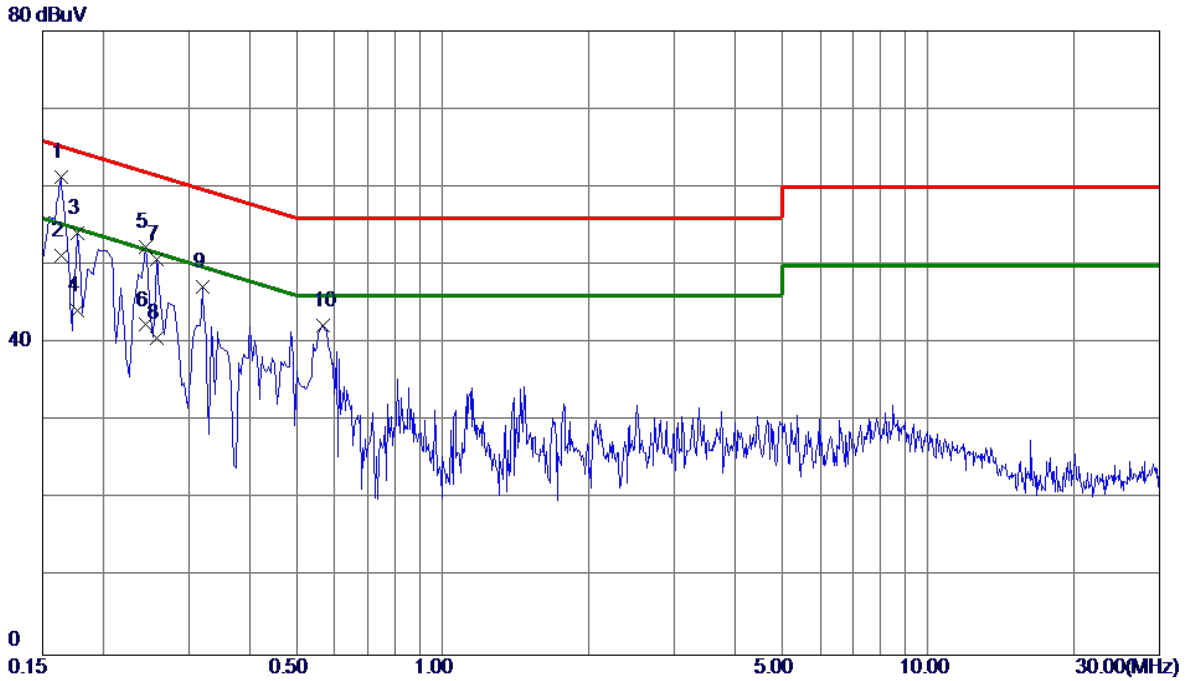
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1545	46.32	9.82	56.14	65.75	-9.61	Peak	
2	0.1545	33.12	9.82	42.94	55.75	-12.81	AVG	
3	0.1770	43.18	9.82	53.00	64.63	-11.63	Peak	
4	0.1770	30.43	9.82	40.25	54.63	-14.38	AVG	
5	0.1949	42.75	9.82	52.57	63.83	-11.26	Peak	
6	0.1949	30.85	9.82	40.67	53.83	-13.16	AVG	
7	0.2535	41.32	9.82	51.14	61.64	-10.50	Peak	
8	0.2535	30.41	9.82	40.23	51.64	-11.41	AVG	
9	0.2760	40.61	9.82	50.43	60.94	-10.51	Peak	
10	0.2760	30.01	9.82	39.83	50.94	-11.11	AVG	
11	0.5685	35.46	9.82	45.28	56.00	-10.72	Peak	
12	0.5685	26.10	9.82	35.92	46.00	-10.08	AVG	

Test Mode:	TX Mode

Neutral

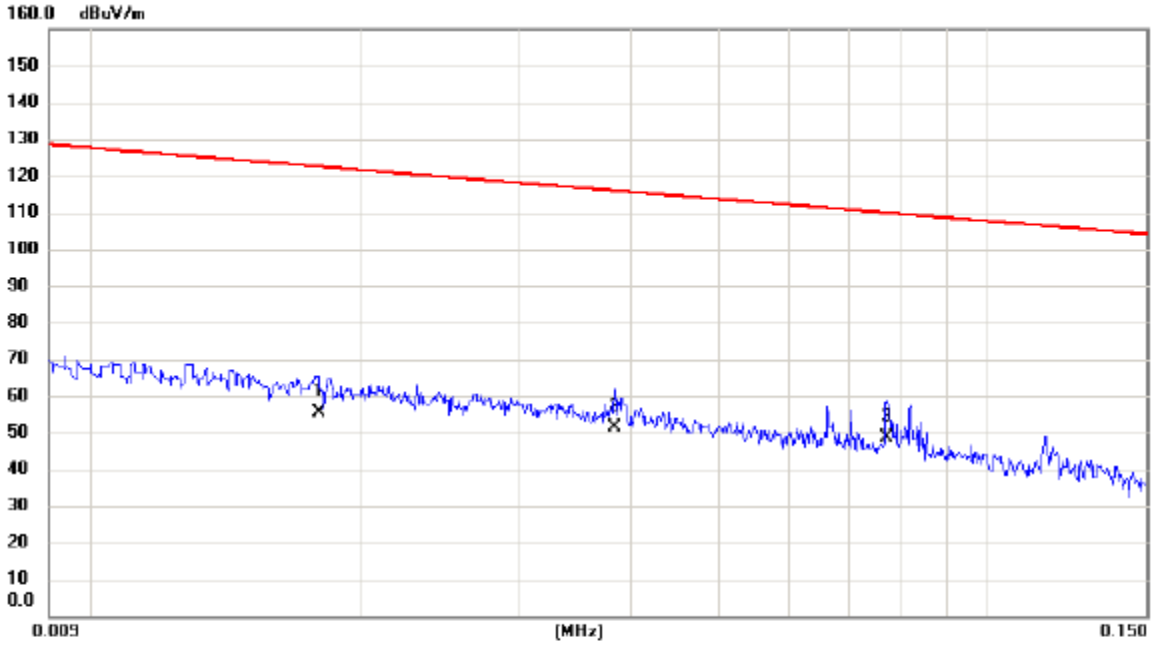


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1635	51.35	9.91	61.26	65.28	-4.02	Peak	
2	0.1635	41.26	9.91	51.17	55.28	-4.11	AVG	
3	0.1770	44.23	9.91	54.14	64.63	-10.49	Peak	
4	0.1770	34.31	9.91	44.22	54.63	-10.41	AVG	
5	0.2445	42.42	9.92	52.34	61.94	-9.60	Peak	
6	0.2445	32.40	9.92	42.32	51.94	-9.62	AVG	
7	0.2580	40.83	9.92	50.75	61.50	-10.75	Peak	
8	0.2580	30.76	9.92	40.68	51.50	-10.82	AVG	
9	0.3209	37.20	9.94	47.14	59.68	-12.54	Peak	
10	0.5685	32.28	9.97	42.25	56.00	-13.75	Peak	

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

Test Mode:	TX Mode

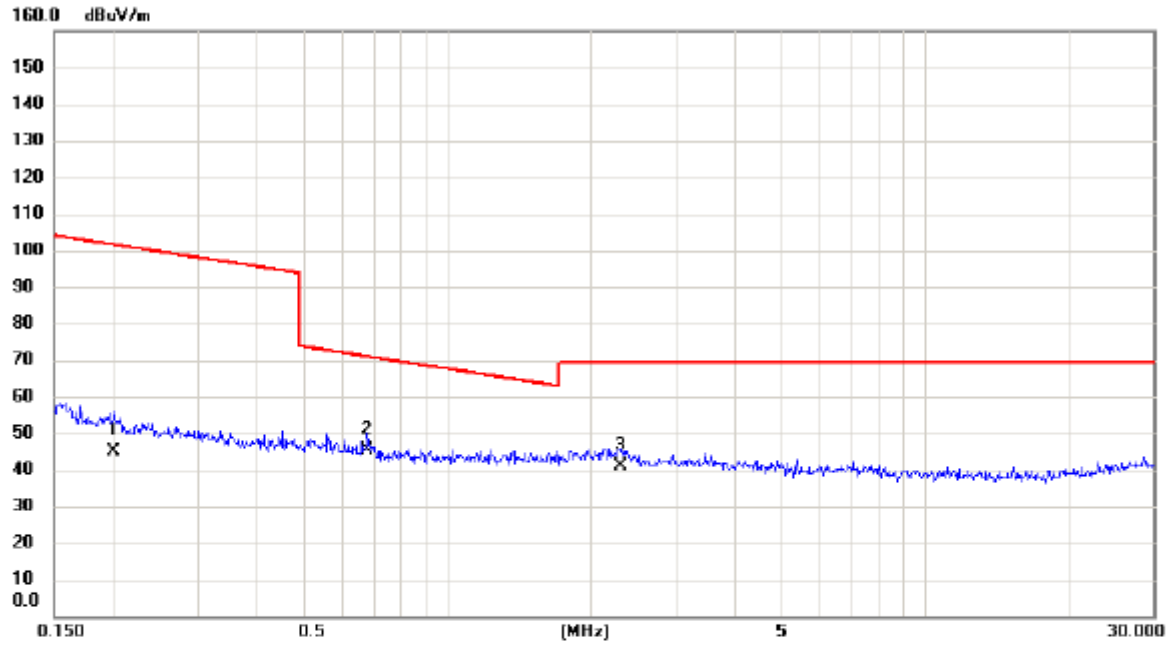
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0180	35.21	20.30	55.51	122.50	-66.99	AVG	
2		0.0383	31.50	19.72	51.22	115.94	-64.72	AVG	
3	*	0.0772	29.60	18.98	48.58	109.85	-61.27	AVG	

Test Mode:	TX Mode

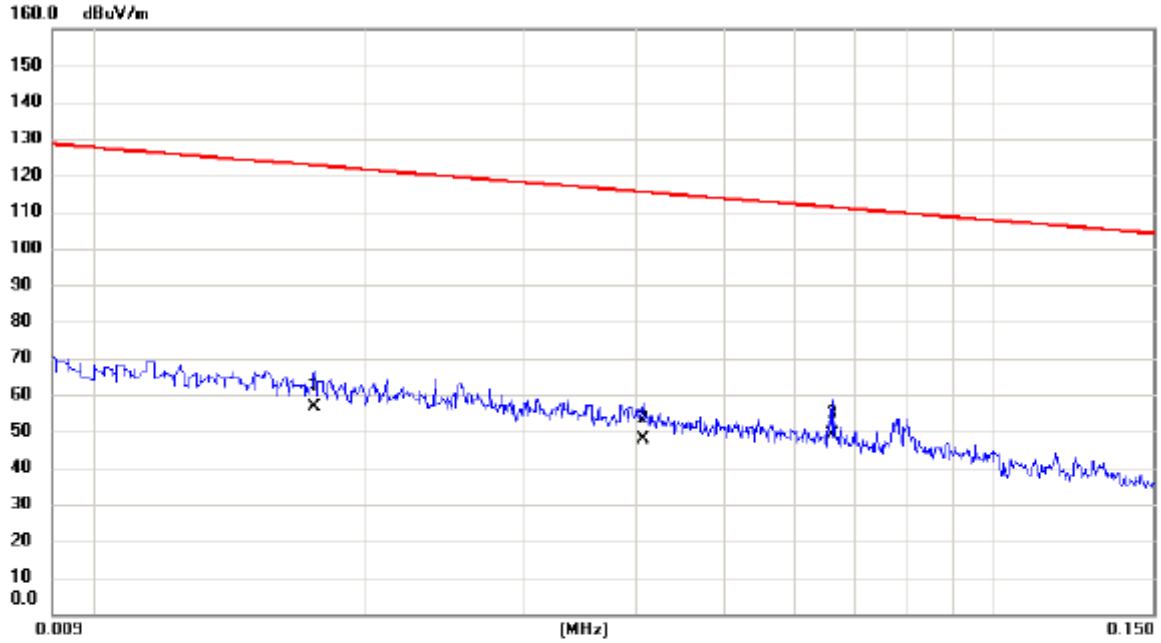
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1997	27.80	17.15	44.95	101.60	-56.65	AVG	
2	*	0.6790	28.30	16.91	45.21	70.97	-25.76	QP	
3		2.2968	23.90	16.94	40.84	69.54	-28.70	QP	

Test Mode:	TX Mode

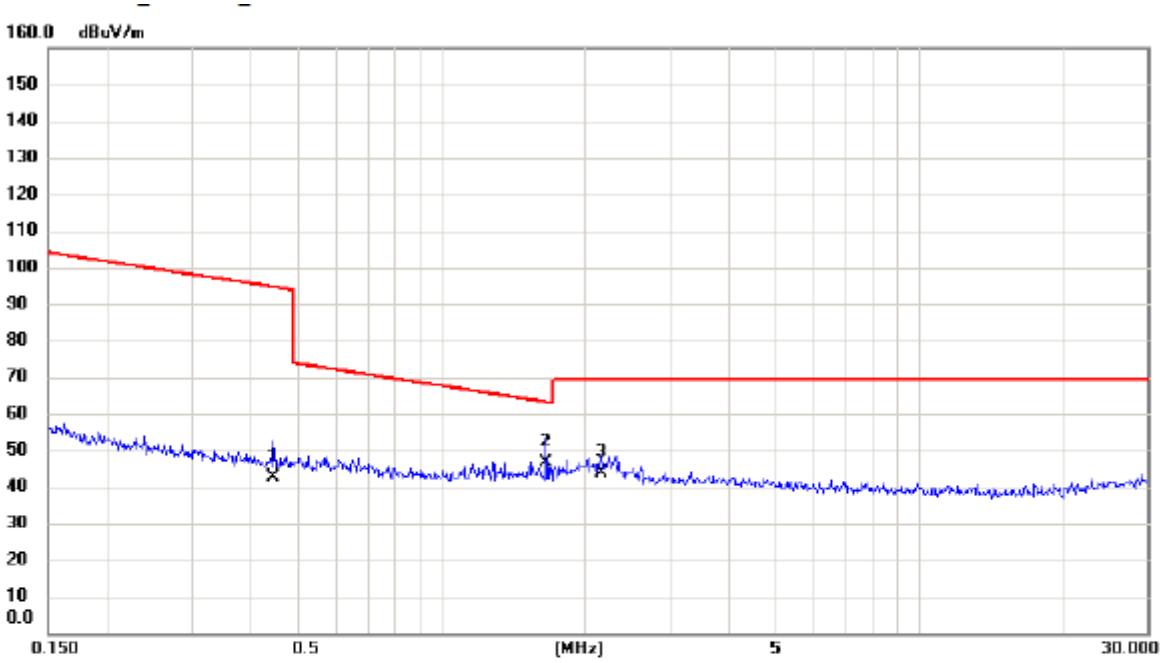
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0176	36.10	20.36	56.46	122.69	-66.23	AVG	
2		0.0408	28.20	19.67	47.87	115.39	-67.52	AVG	
3	*	0.0660	29.60	19.21	48.81	111.21	-62.40	AVG	

Test Mode:	TX Mode

Ant 90°

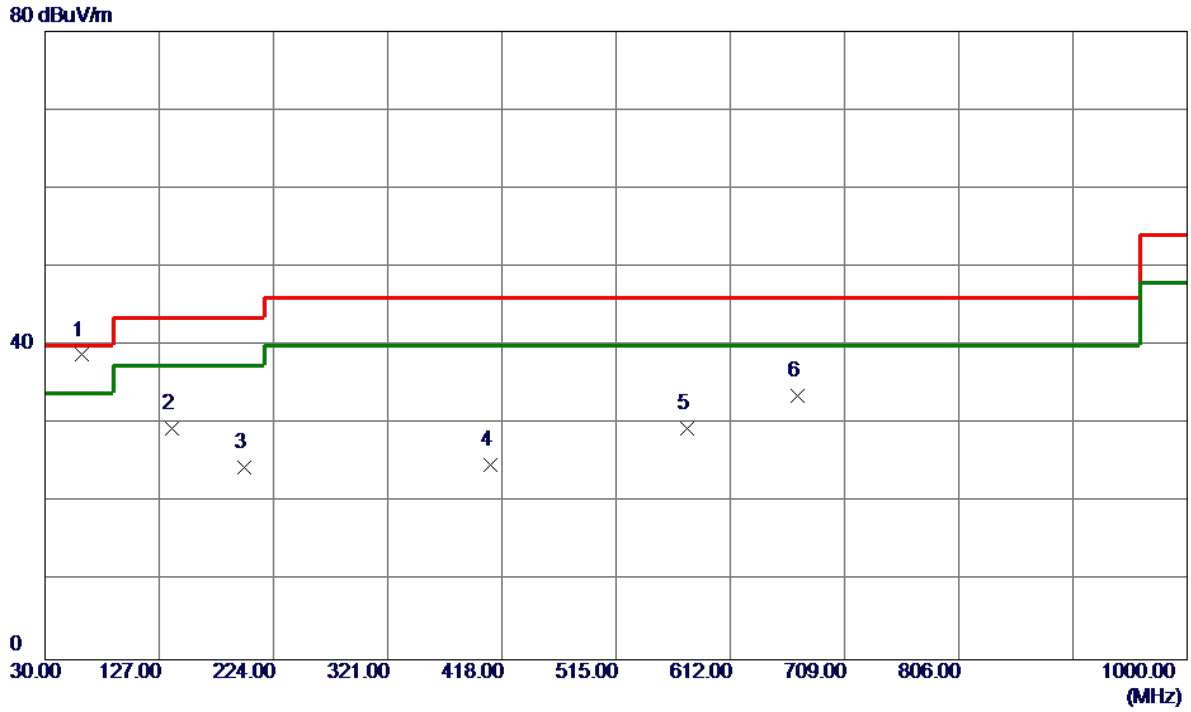


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.4444	25.50	16.99	42.49	94.65	-52.16	AVG	
2	*	1.6537	29.60	16.93	46.53	63.24	-16.71	QP	
3		2.1552	26.80	17.02	43.82	69.54	-25.72	QP	

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

Test Mode:	TX B Mode Channel 01

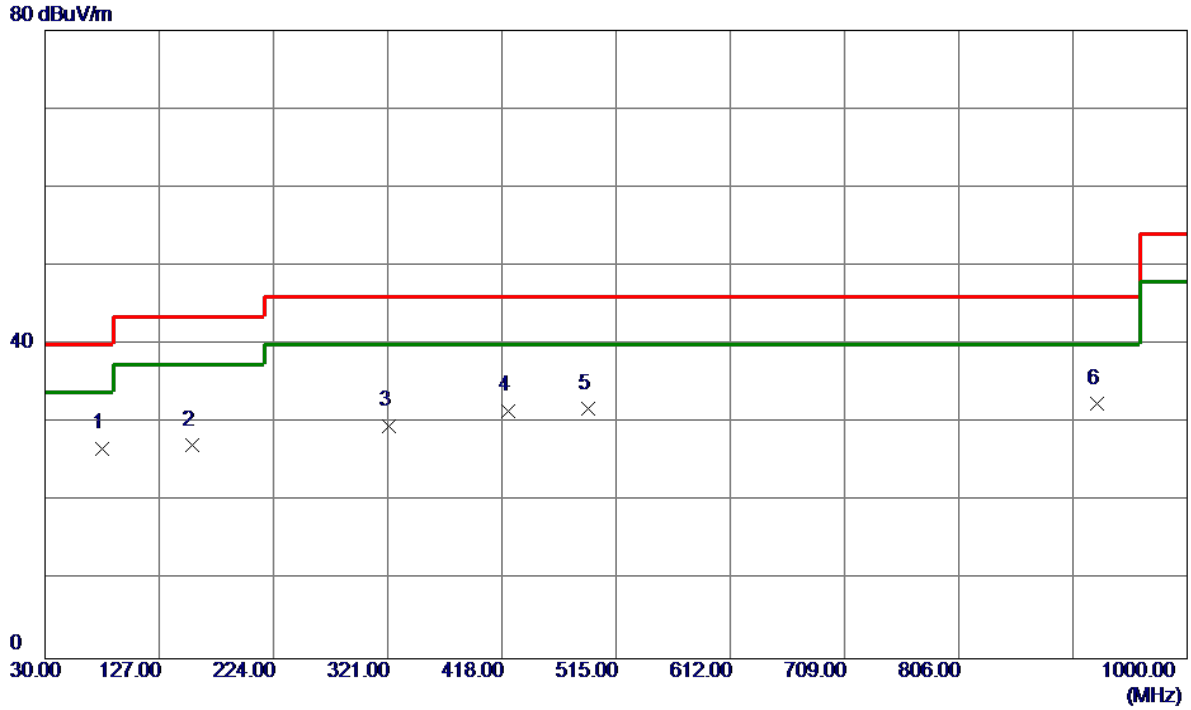
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	61.0400	54.66	-15.86	38.80	40.00	-1.20	Peak	
2	137.6700	41.89	-12.39	29.50	43.50	-14.00	Peak	
3	198.7800	39.62	-15.10	24.52	43.50	-18.98	Peak	
4	408.3000	33.91	-9.06	24.85	46.00	-21.15	Peak	
5	575.1400	35.25	-5.88	29.37	46.00	-16.63	Peak	
6	669.2300	37.77	-4.24	33.53	46.00	-12.47	Peak	

Test Mode:	TX B Mode Channel 01

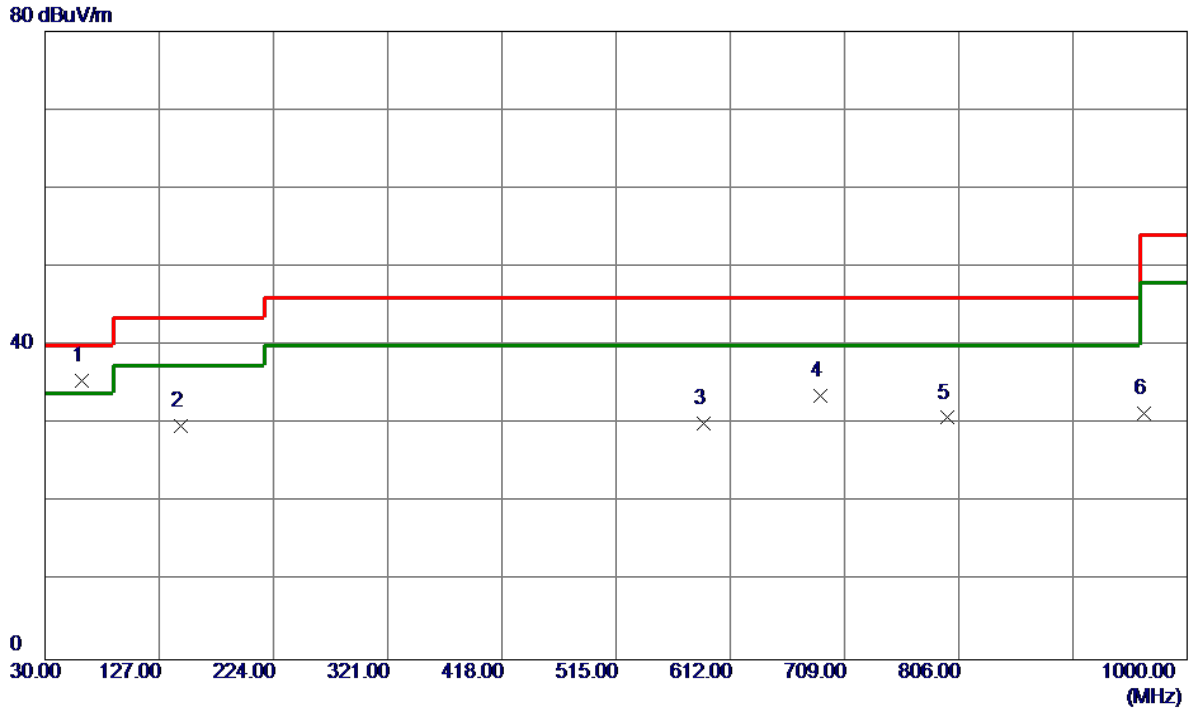
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	78.5000	45.33	-18.53	26.80	40.00	-13.20	Peak	
2	155.1300	38.18	-11.03	27.15	43.50	-16.35	Peak	
3	321.9700	40.36	-10.68	29.68	46.00	-16.32	Peak	
4	422.8500	40.08	-8.48	31.60	46.00	-14.40	Peak	
5	491.7200	40.12	-8.34	31.78	46.00	-14.22	Peak	
6	923.3700	32.07	0.34	32.41	46.00	-13.59	Peak	

Test Mode:	TX B Mode Channel 06

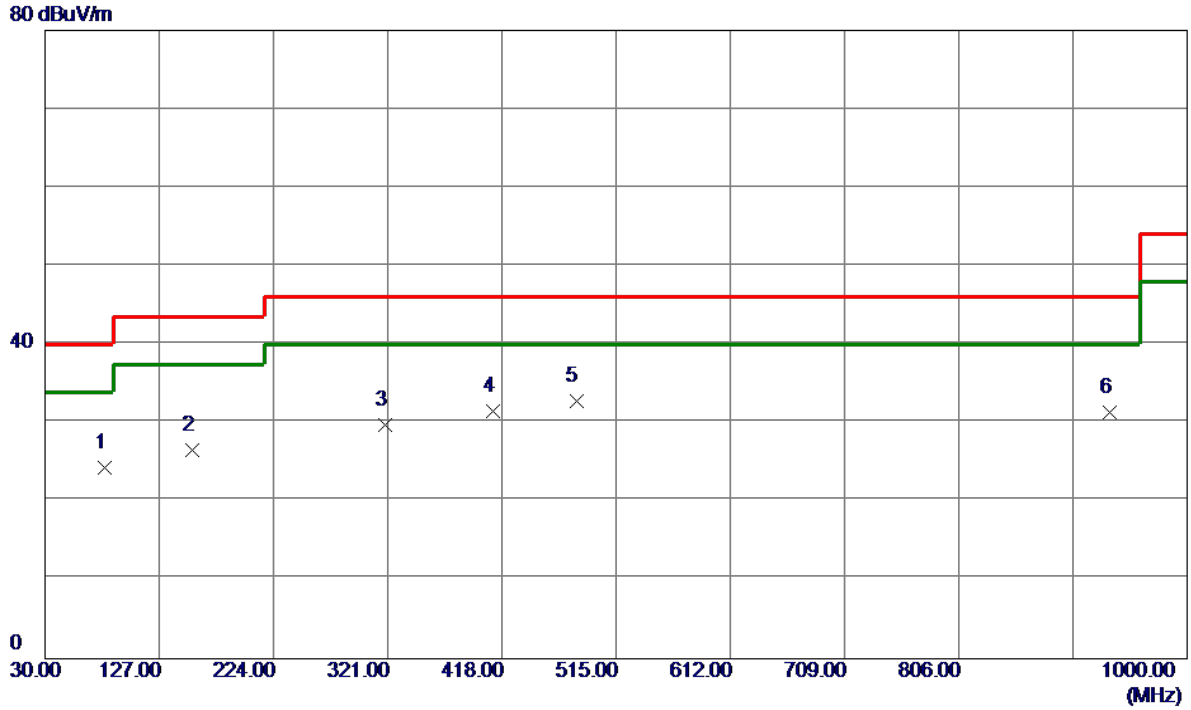
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	61.0400	51.35	-15.86	35.49	40.00	-4.51	QP	
2	145.4299	41.57	-11.77	29.80	43.50	-13.70	Peak	
3	589.6900	36.15	-6.13	30.02	46.00	-15.98	Peak	
4	688.6300	36.85	-3.30	33.55	46.00	-12.45	Peak	
5	796.3000	32.06	-1.26	30.80	46.00	-15.20	Peak	
6	963.1400	30.19	1.10	31.29	54.00	-22.71	Peak	

Test Mode:	TX B Mode Channel 06

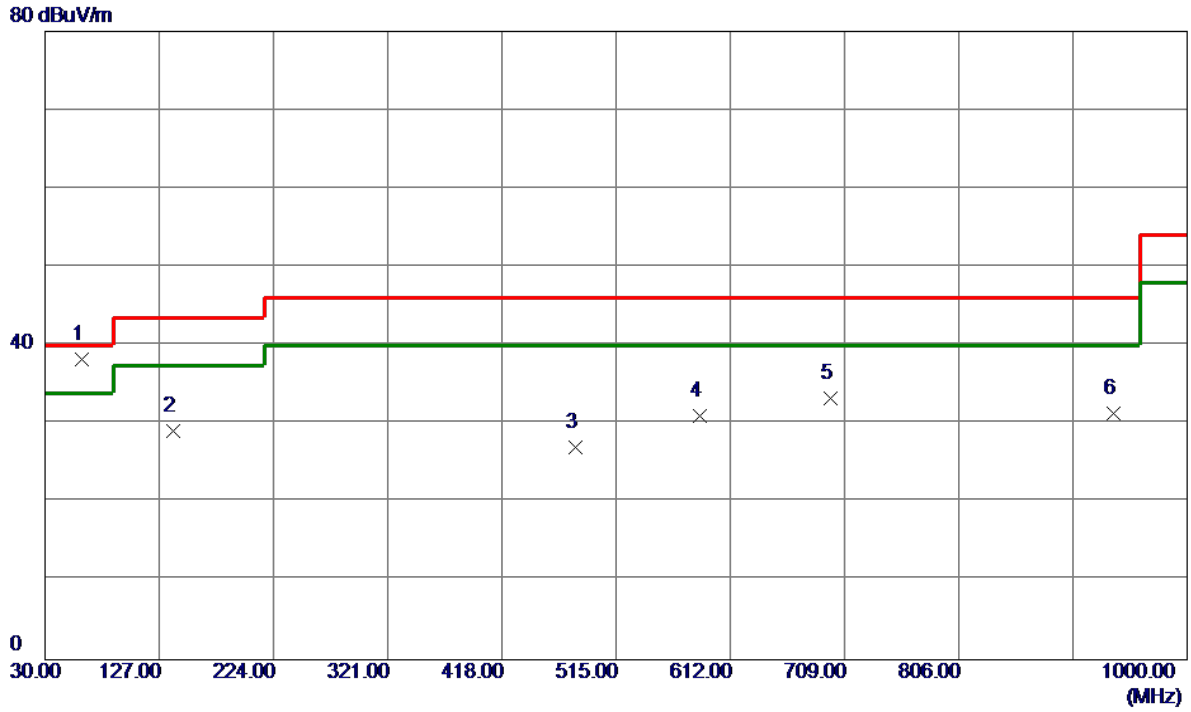
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	42.87	-18.62	24.25	40.00	-15.75	Peak	
2	155.1300	37.53	-11.03	26.50	43.50	-17.00	Peak	
3	319.0600	40.38	-10.64	29.74	46.00	-16.26	Peak	
4	410.2400	40.43	-8.98	31.45	46.00	-14.55	Peak	
5 *	481.0500	40.84	-8.10	32.74	46.00	-13.26	Peak	
6	934.0400	30.60	0.77	31.37	46.00	-14.63	Peak	

Test Mode:	TX B Mode Channel 11

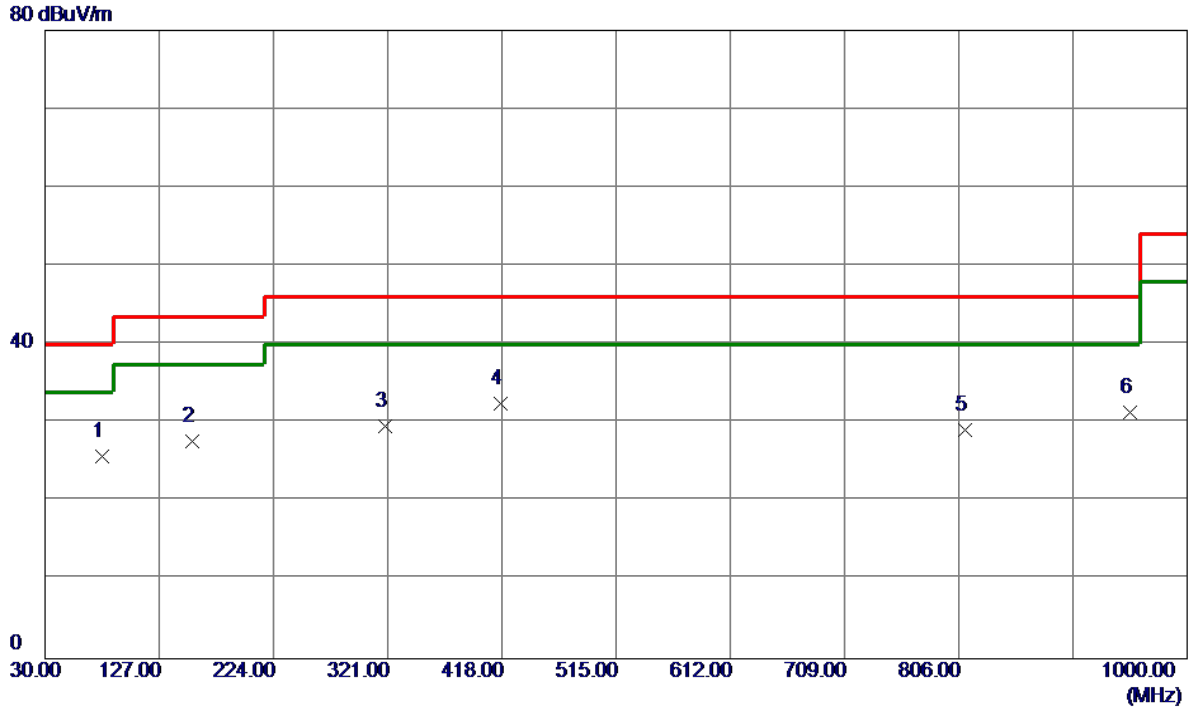
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	61.0400	54.13	-15.86	38.27	40.00	-1.73	Peak	
2	138.6400	41.42	-12.27	29.15	43.50	-14.35	Peak	
3	480.0800	35.12	-8.08	27.04	46.00	-18.96	Peak	
4	585.8100	37.14	-6.06	31.08	46.00	-14.92	Peak	
5	697.3600	36.15	-2.87	33.28	46.00	-12.72	Peak	
6	937.9200	30.49	0.92	31.41	46.00	-14.59	Peak	

Test Mode:	TX B Mode Channel 11

Horizontal



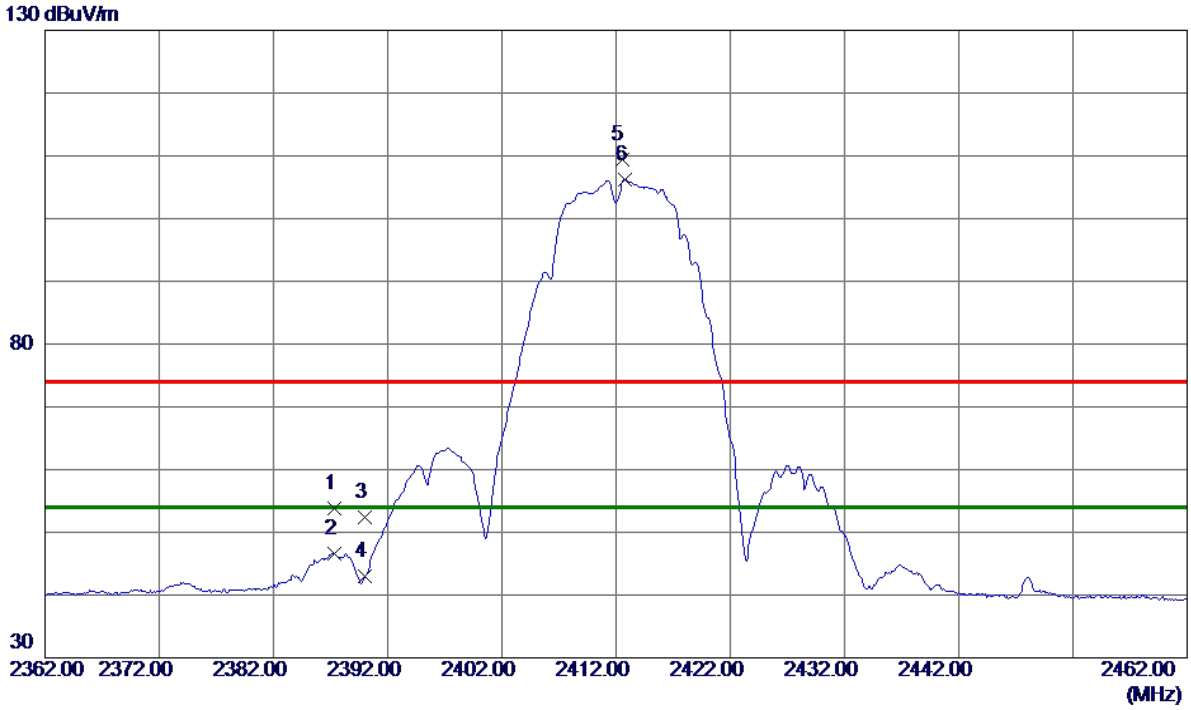
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	78.5000	44.24	-18.53	25.71	40.00	-14.29	Peak	
2	155.1300	38.71	-11.03	27.68	43.50	-15.82	Peak	
3	319.0600	40.21	-10.64	29.57	46.00	-16.43	Peak	
4 *	417.0300	41.25	-8.71	32.54	46.00	-13.46	Peak	
5	811.8200	30.33	-1.22	29.11	46.00	-16.89	Peak	
6	951.5000	30.01	1.37	31.38	46.00	-14.62	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000 MHZ)

Non Beamforming

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

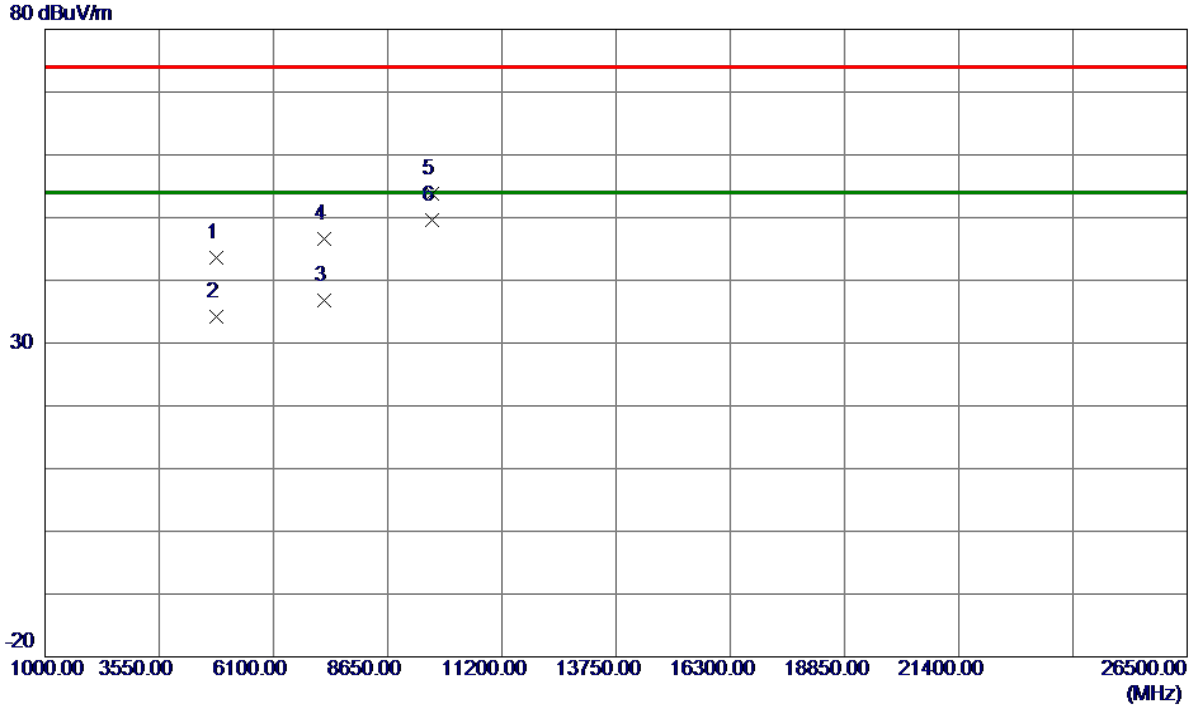
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.3000	46.45	7.39	53.84	74.00	-20.16	Peak	
2	2387.3000	39.26	7.39	46.65	54.00	-7.35	AVG	
3	2390.0000	45.02	7.39	52.41	74.00	-21.59	Peak	
4	2390.0000	35.57	7.39	42.96	54.00	-11.04	AVG	
5	2412.5000	102.05	7.37	109.42	74.00	35.42	Peak	No Limit
6 *	2412.8000	98.83	7.37	106.20	54.00	52.20	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

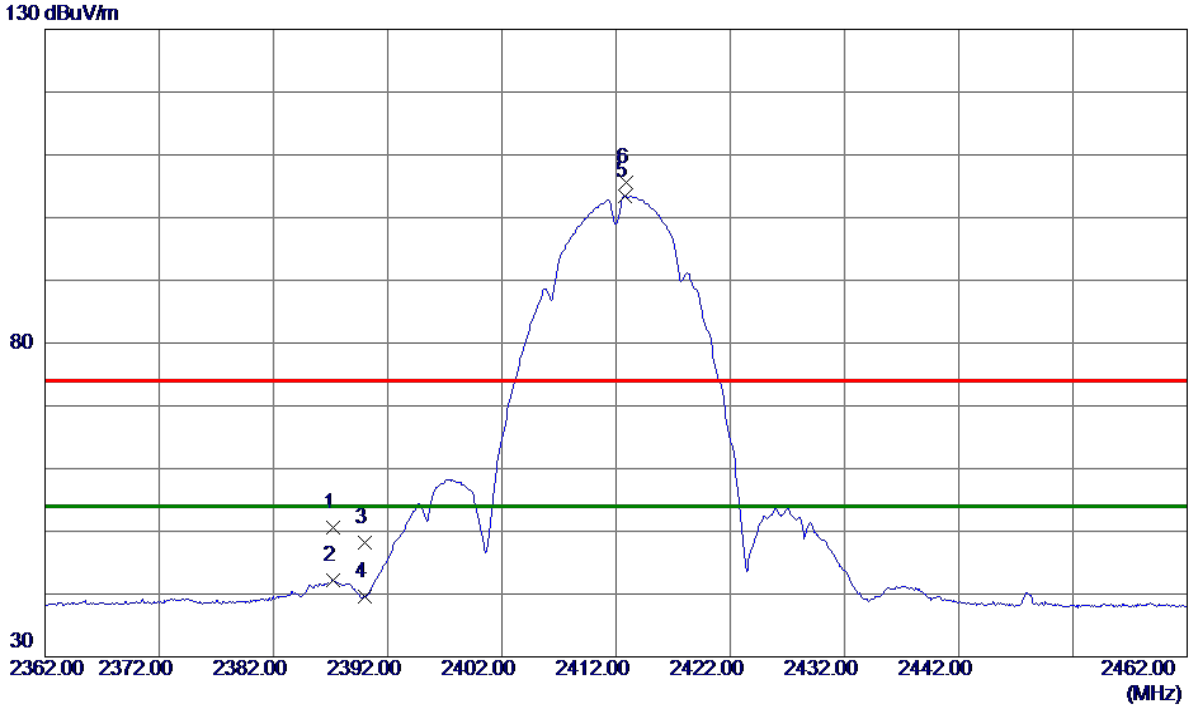
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.8950	40.02	3.49	43.51	74.00	-30.49	Peak	
2	4823.9650	30.76	3.49	34.25	54.00	-19.75	AVG	
3	7234.7500	27.44	9.43	36.87	54.00	-17.13	AVG	
4	7235.3500	37.25	9.43	46.68	74.00	-27.32	Peak	
5	9647.8750	43.05	10.77	53.82	74.00	-20.18	Peak	
6 *	9647.9800	38.88	10.77	49.65	54.00	-4.35	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

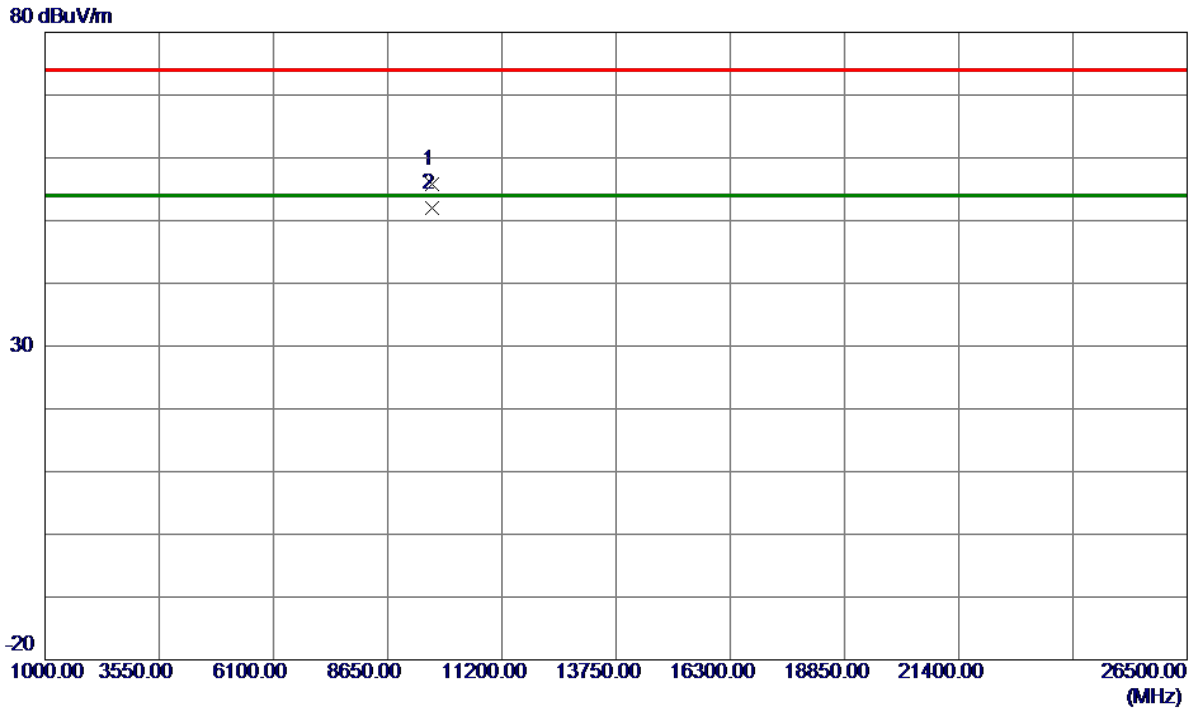
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.2000	43.25	7.39	50.64	74.00	-23.36	Peak	
2	2387.2000	34.86	7.39	42.25	54.00	-11.75	AVG	
3	2390.0000	40.75	7.39	48.14	74.00	-25.86	Peak	
4	2390.0000	32.22	7.39	39.61	54.00	-14.39	AVG	
5 *	2412.8000	96.03	7.37	103.40	54.00	49.40	AVG	No Limit
6	2412.9000	98.16	7.37	105.53	74.00	31.53	Peak	No Limit

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

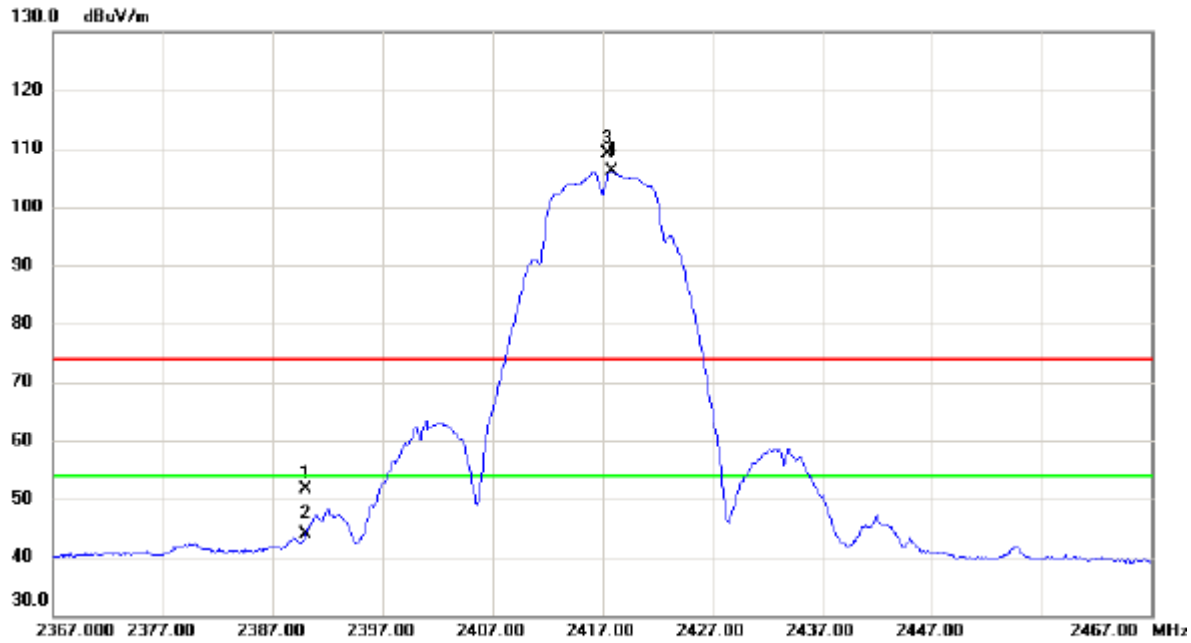
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9647.9400	45.00	10.77	55.77	74.00	-18.23	Peak	
2 *	9647.9850	41.31	10.77	52.08	54.00	-1.92	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2417 MHz

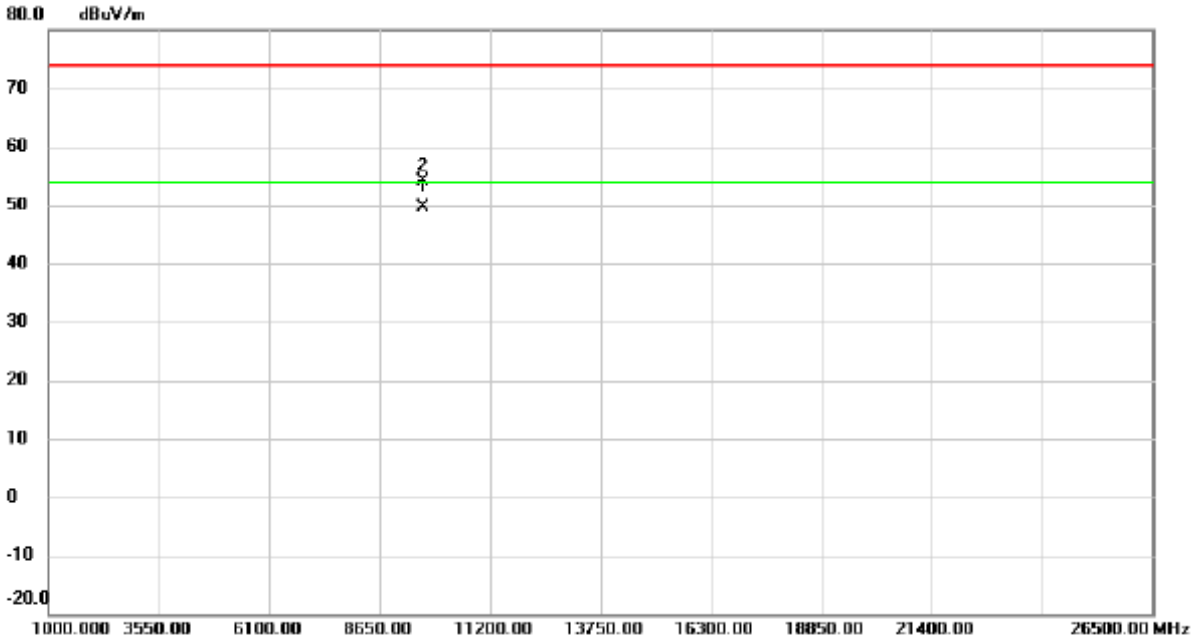
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	44.23	7.38	51.61	74.00	-22.39	peak	
2		2390.000	36.59	7.38	43.97	54.00	-10.03	AVG	
3	X	2417.500	101.8	7.37	109.25	74.00	35.25	peak	No Limit
4	*	2417.800	98.76	7.37	106.13	54.00	52.13	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX B Mode 2417 MHz

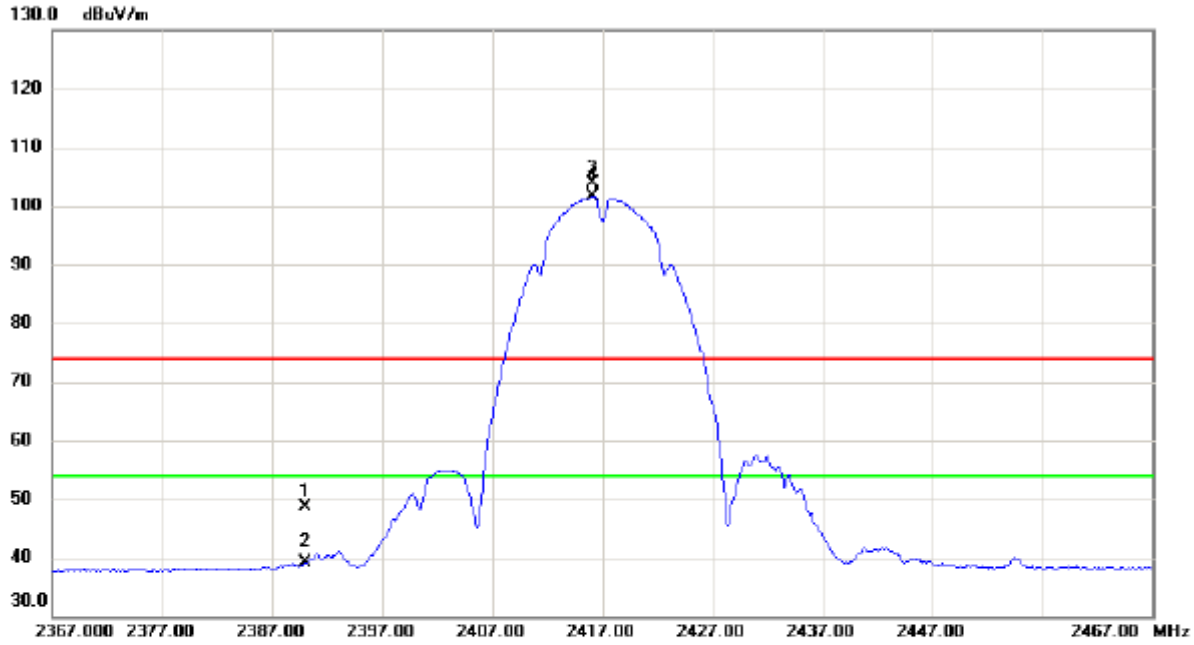
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9667.942	38.68	11.03	49.71	54.00	-4.29	AVG	
2		9667.990	43.13	11.03	54.16	74.00	-19.84	peak	

Orthogonal Axis	X
Test Mode:	TX B Mode 2417 MHz

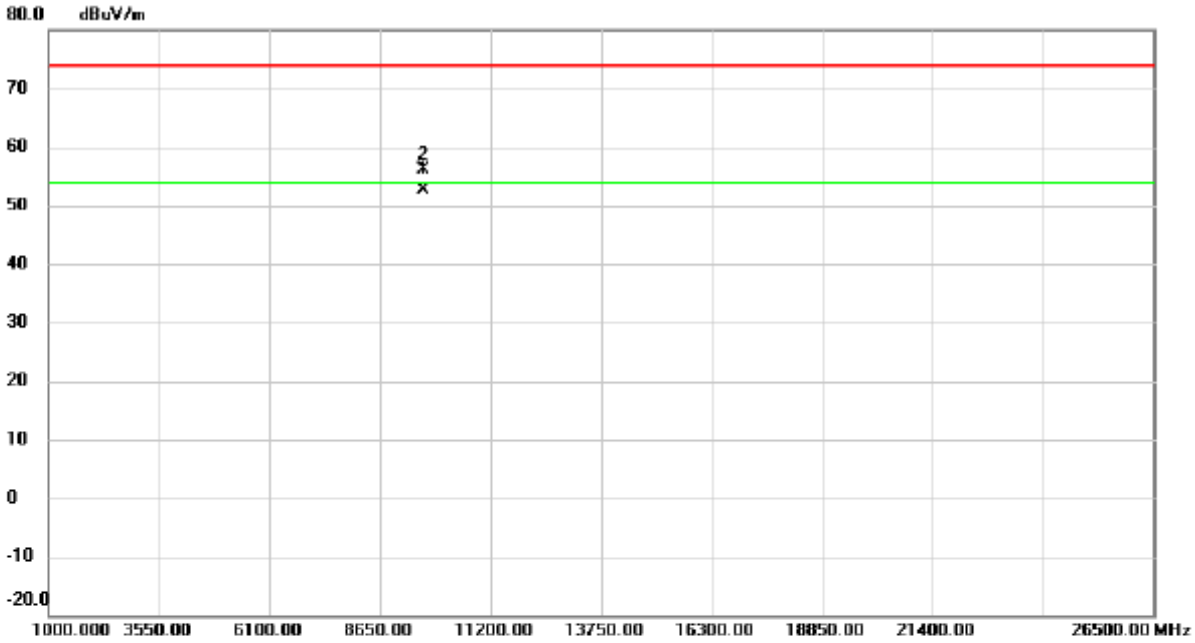
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	41.21	7.38	48.59	74.00	-25.41	peak	
2		2390.000	31.77	7.38	39.15	54.00	-14.85	AVG	
3	X	2416.200	96.44	7.37	103.81	74.00	29.81	peak	No Limit
4	*	2416.200	94.38	7.37	101.75	54.00	47.75	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX B Mode 2417 MHz

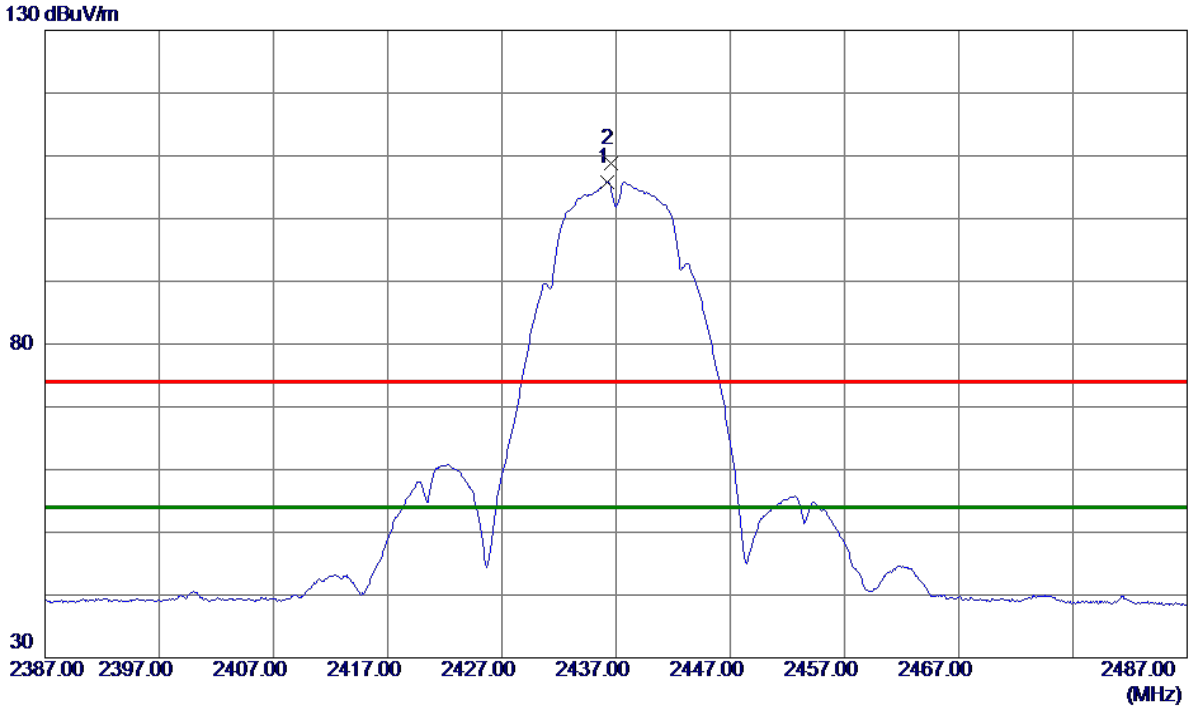
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9667.918	41.94	10.77	52.71	54.00	-1.29	AVG	
2		9668.022	45.35	10.77	56.12	74.00	-17.88	peak	

Orthogonal Axis	X
Test Mode:	TX B Mode 2437 MHz

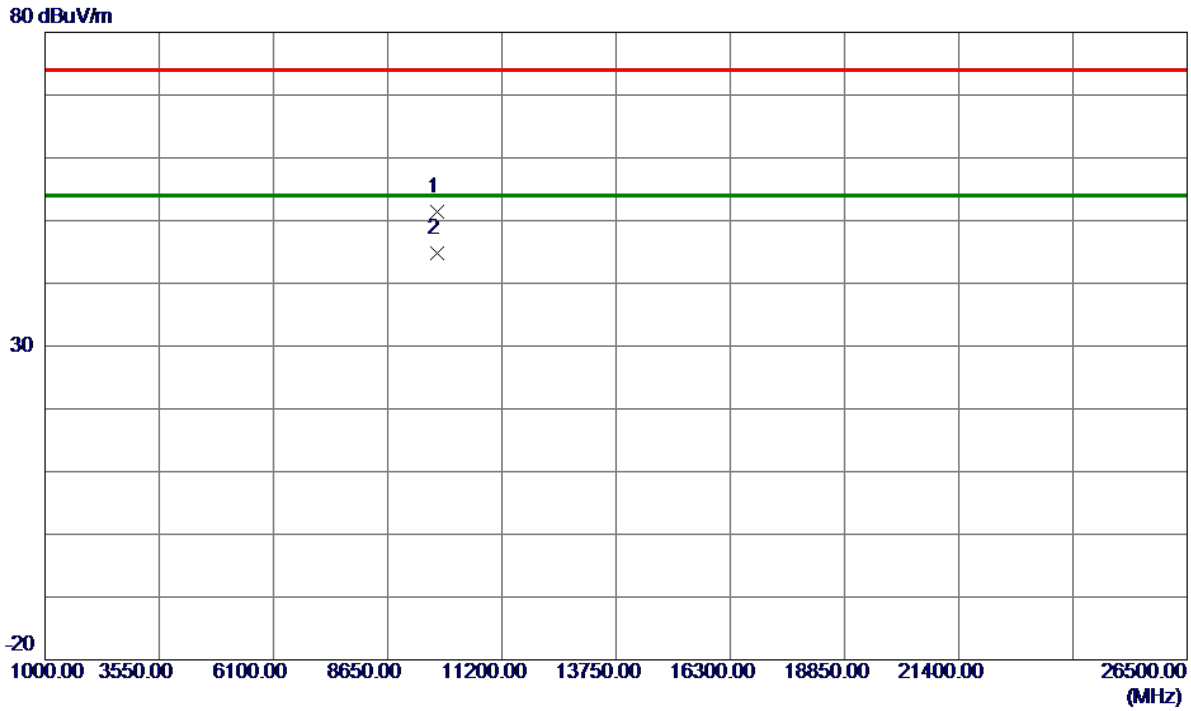
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2436.2000	98.48	7.35	105.83	54.00	51.83	AVG	No Limit
2	2436.6000	101.41	7.35	108.76	74.00	34.76	Peak	No Limit

Orthogonal Axis	X
Test Mode:	TX B Mode 2437 MHz

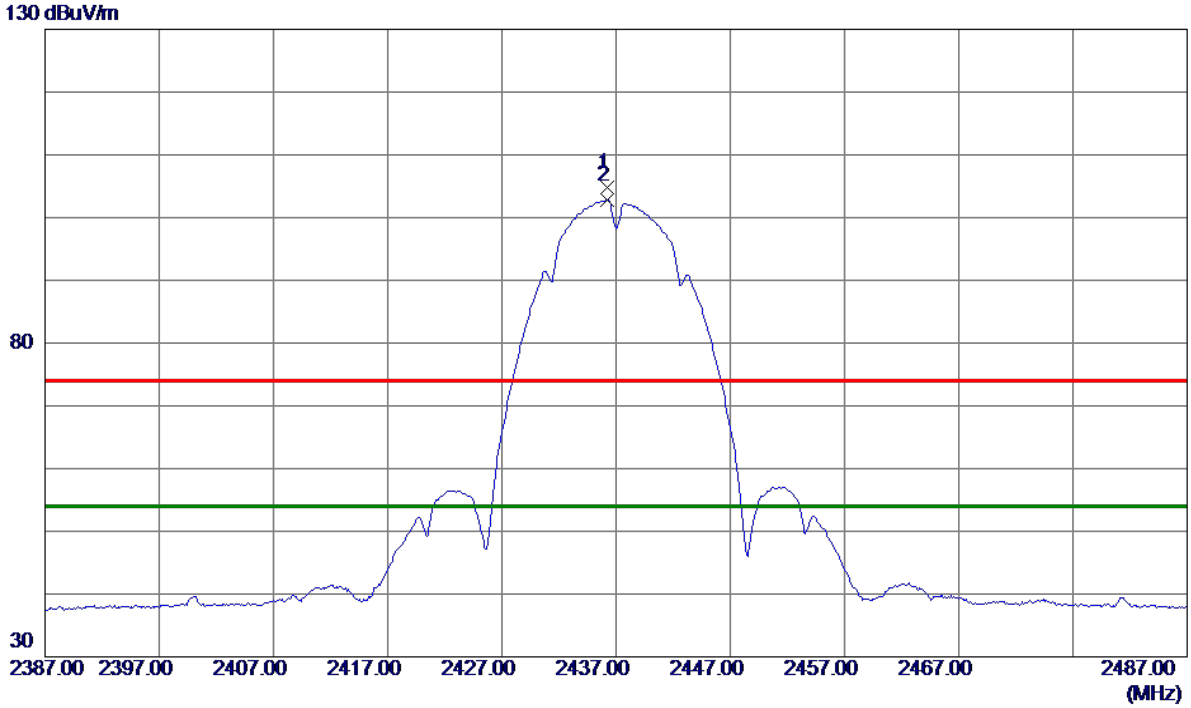
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9747.9050	40.44	11.05	51.49	74.00	-22.51	Peak	
2 *	9747.9970	33.79	11.05	44.84	54.00	-9.16	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2437 MHz

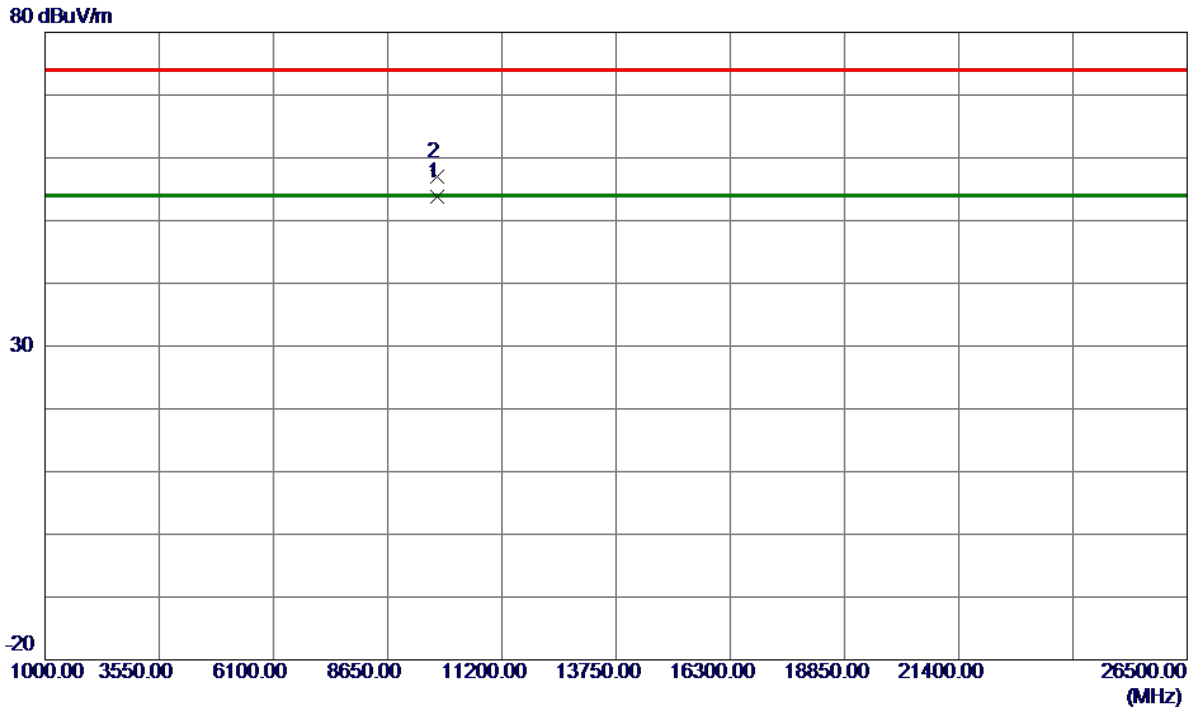
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2436.2000	97.37	7.35	104.72	74.00	30.72	Peak	No Limit
2 *	2436.2000	95.40	7.35	102.75	54.00	48.75	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX B Mode 2437 MHz

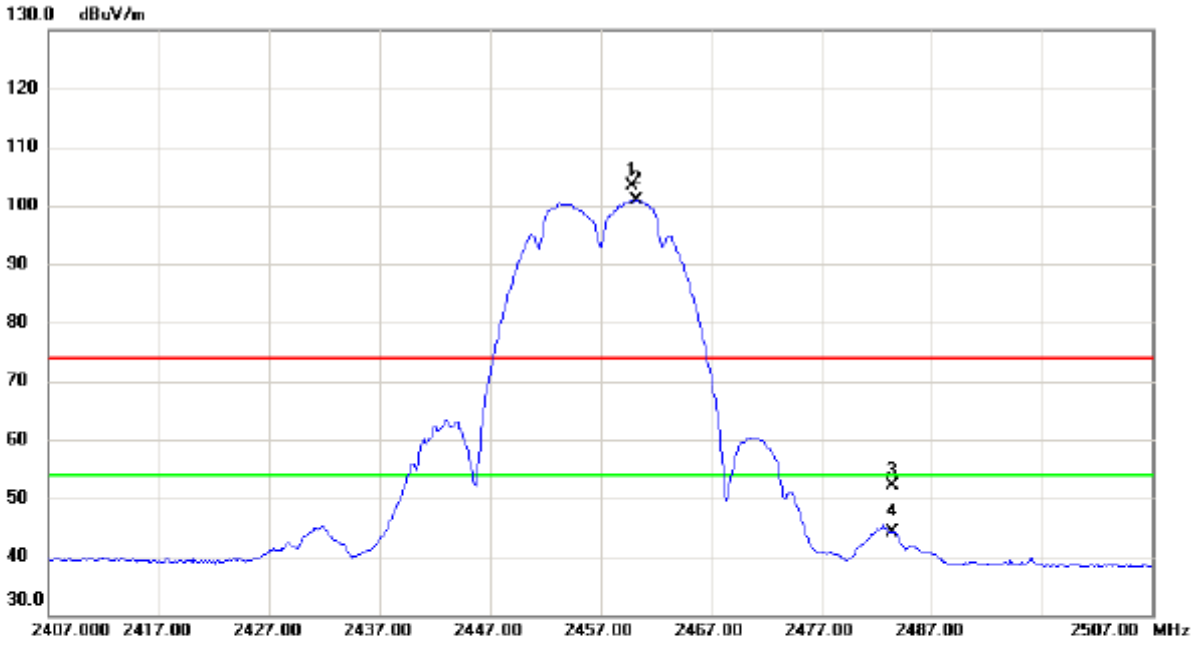
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9747.9680	43.05	10.77	53.82	54.00	-0.18	AVG	
2	9747.9520	46.19	10.77	56.96	74.00	-17.04	Peak	

Orthogonal Axis	X
Test Mode:	TX B Mode 2457 MHz

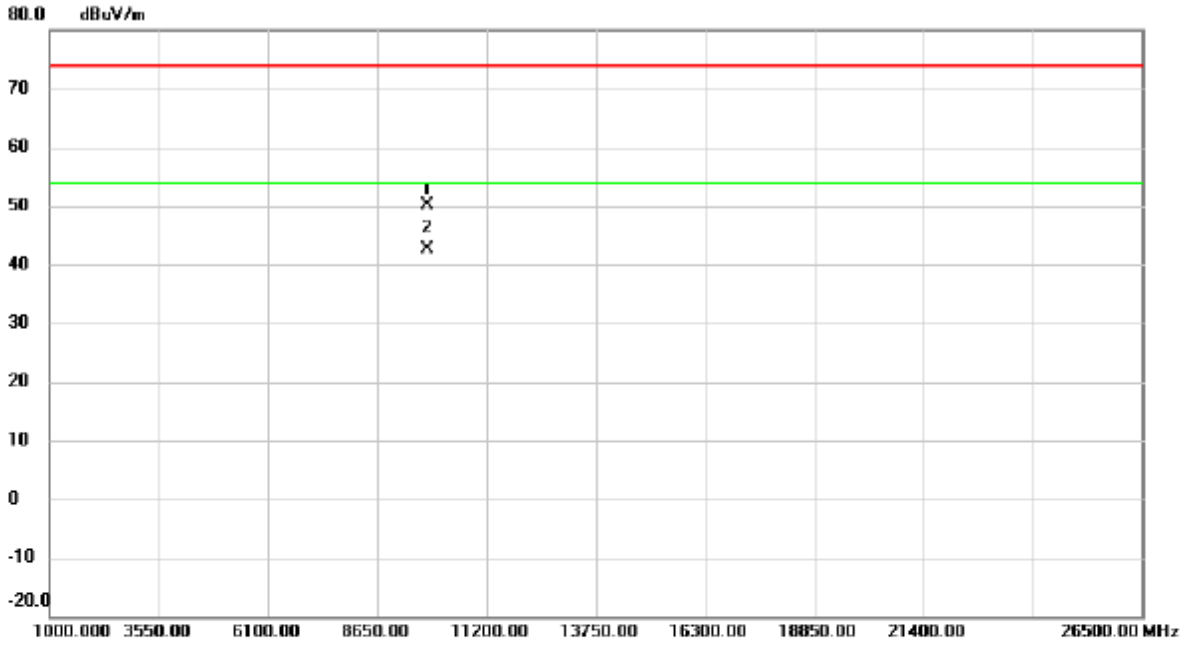
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2459.800	95.92	7.34	103.26	74.00	29.26	peak	No Limit
2	*	2460.300	93.50	7.34	100.84	54.00	46.84	AVG	No Limit
3		2483.500	44.91	7.32	52.23	74.00	-21.77	peak	
4		2483.500	36.69	7.32	44.01	54.00	-9.99	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2457 MHz

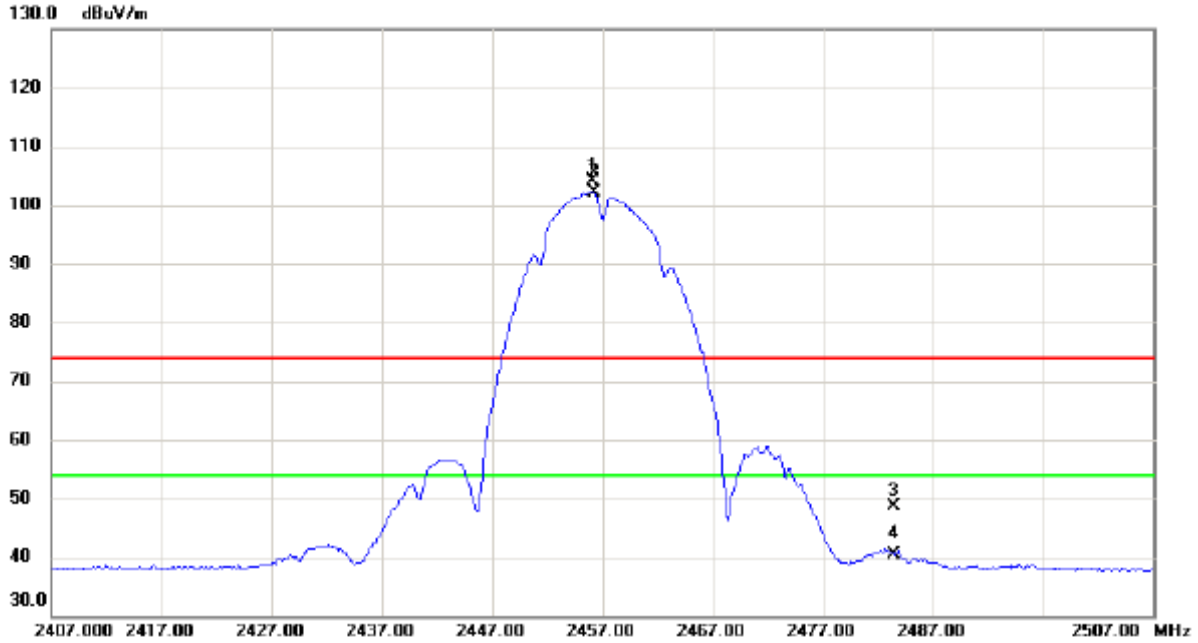
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9827.855	39.12	11.06	50.18	74.00	-23.82	peak	
2	*	9827.923	31.55	11.06	42.61	54.00	-11.39	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2457 MHz

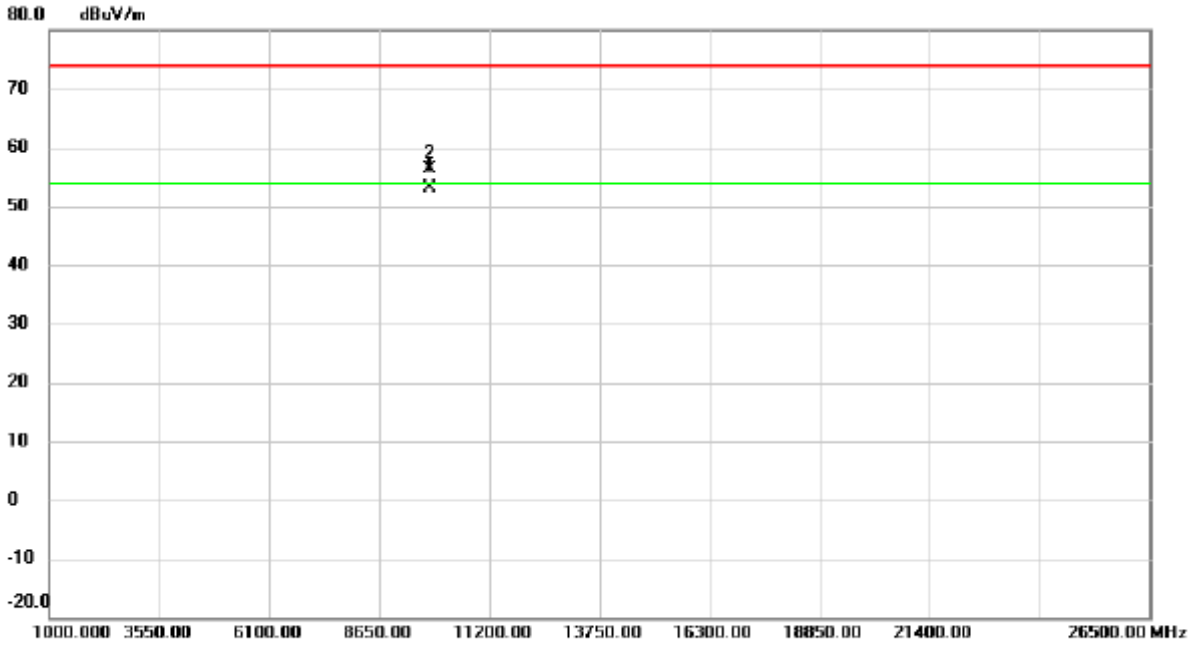
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2456.200	96.87	7.33	104.20	74.00	30.20	peak	No Limit
2	*	2456.300	94.88	7.34	102.22	54.00	48.22	AVG	No Limit
3		2483.500	41.22	7.32	48.54	74.00	-25.46	peak	
4		2483.500	33.16	7.32	40.48	54.00	-13.52	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2457 MHz

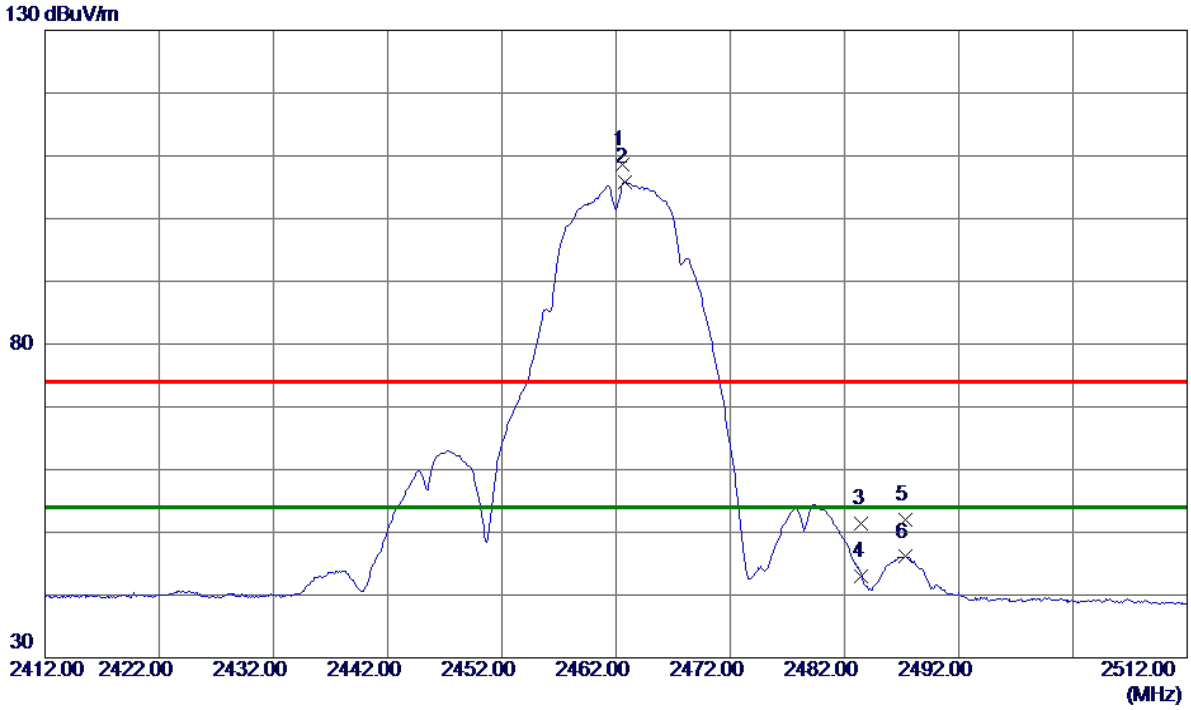
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9827.988	42.41	10.78	53.19	54.00	-0.81	AVG	
2		9828.006	45.68	10.78	56.46	74.00	-17.54	peak	

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

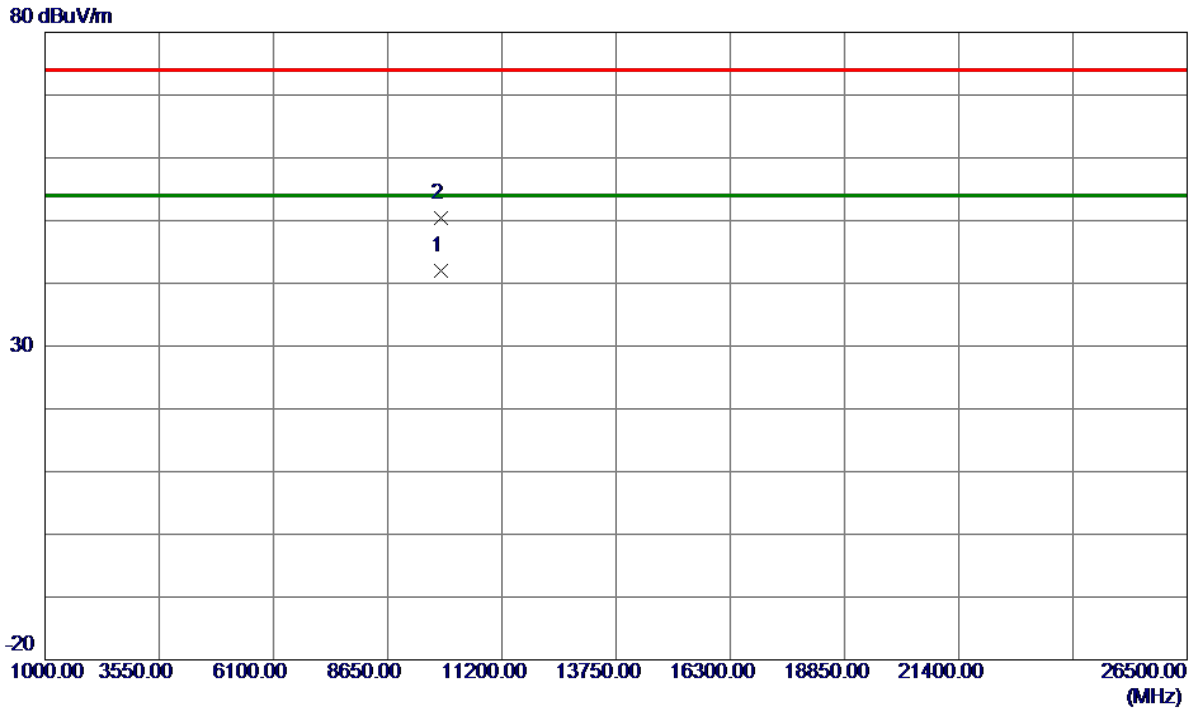
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2462.6000	101.32	7.33	108.65	74.00	34.65	Peak	No Limit
2 *	2462.8000	98.47	7.33	105.80	54.00	51.80	AVG	No Limit
3	2483.5000	44.02	7.32	51.34	74.00	-22.66	Peak	
4	2483.5000	35.68	7.32	43.00	54.00	-11.00	AVG	
5	2487.3000	44.74	7.31	52.05	74.00	-21.95	Peak	
6	2487.3000	38.79	7.31	46.10	54.00	-7.90	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

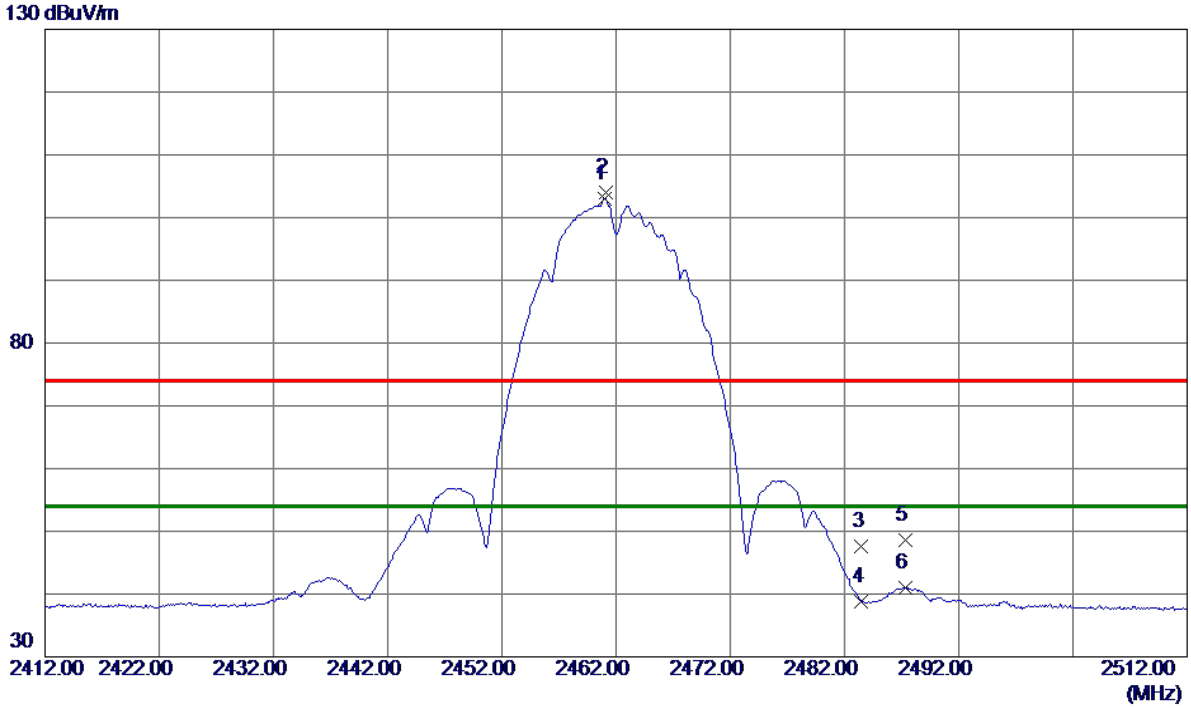
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9847.9480	30.93	11.06	41.99	54.00	-12.01	AVG	
2	9848.4269	39.31	11.06	50.37	74.00	-23.63	Peak	

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

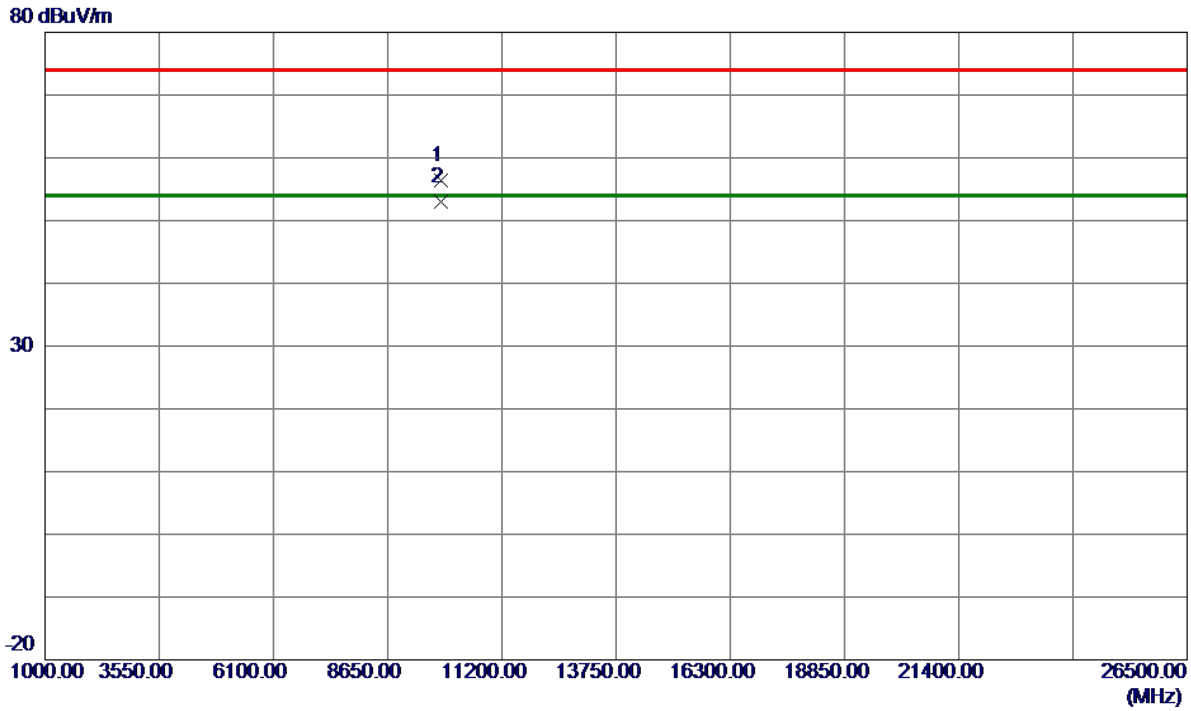
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2461.0000	95.66	7.33	102.99	54.00	48.99	AVG	No Limit
2	2461.1000	96.58	7.33	103.91	74.00	29.91	Peak	No Limit
3	2483.5000	40.28	7.32	47.60	74.00	-26.40	Peak	
4	2483.5000	31.56	7.32	38.88	54.00	-15.12	AVG	
5	2487.3000	41.26	7.31	48.57	74.00	-25.43	Peak	
6	2487.3000	33.73	7.31	41.04	54.00	-12.96	AVG	

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

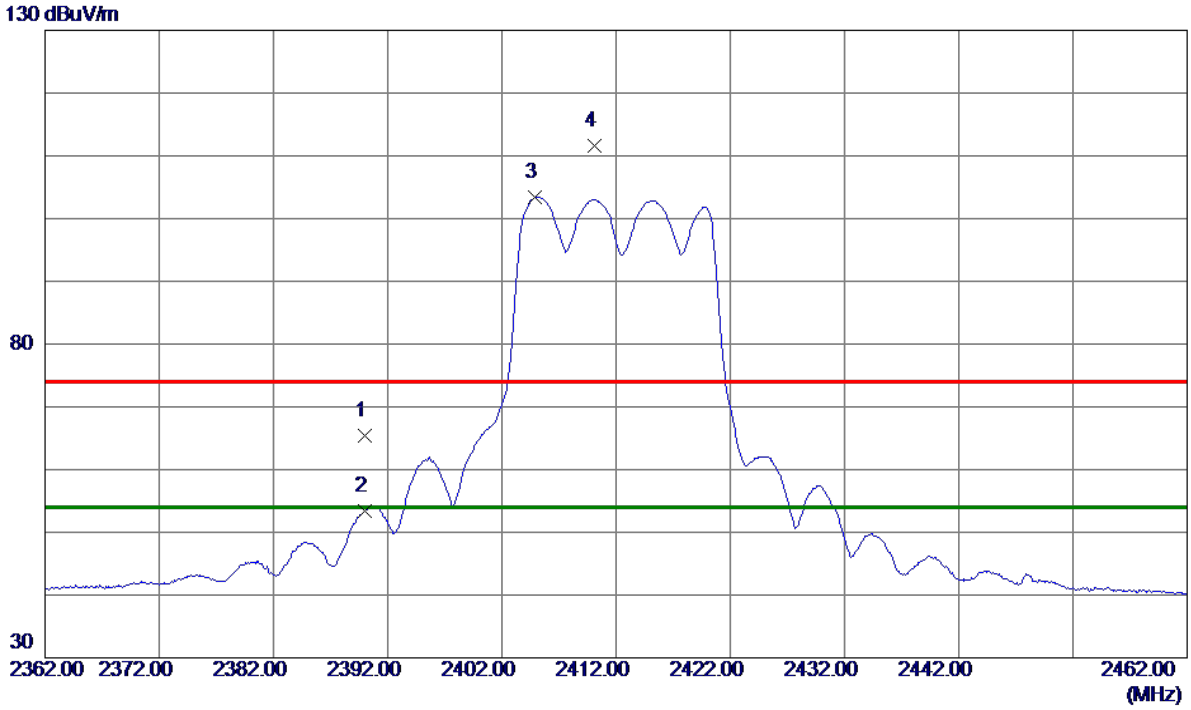
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9847.9480	45.56	10.78	56.34	74.00	-17.66	Peak	
2 *	9848.0180	42.24	10.78	53.02	54.00	-0.98	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

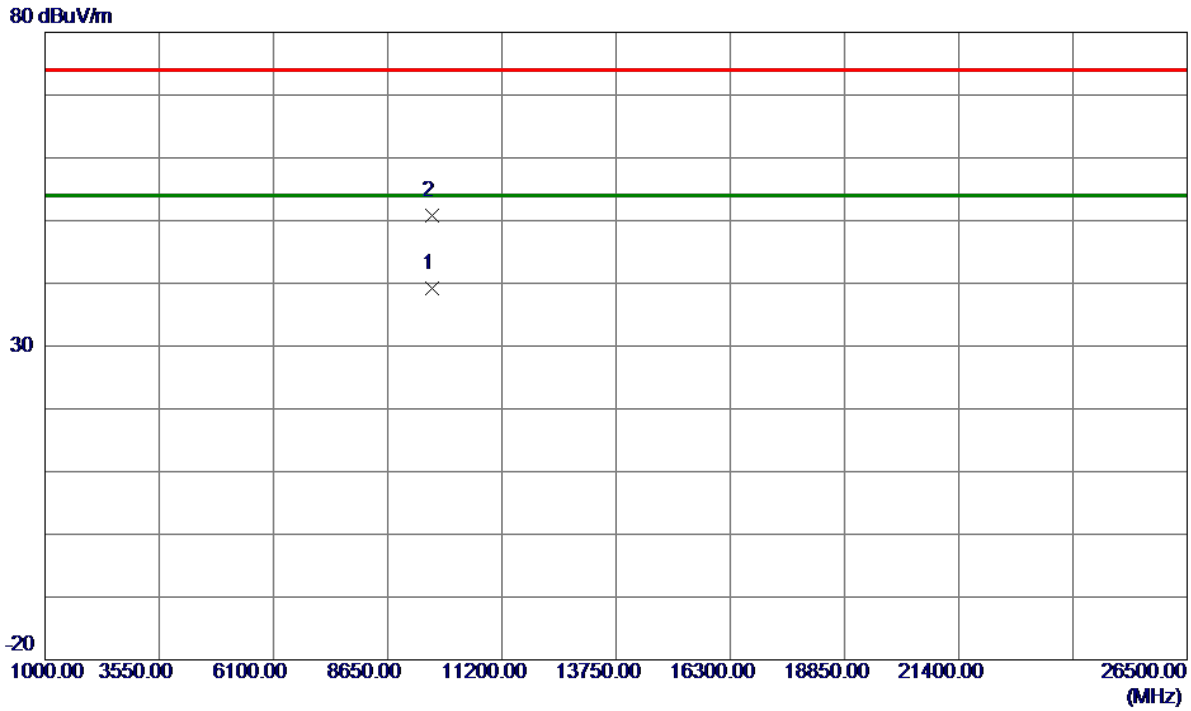
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	58.01	7.39	65.40	74.00	-8.60	Peak	
2	2390.0000	46.08	7.39	53.47	54.00	-0.53	AVG	
3 *	2404.9000	96.03	7.38	103.41	54.00	49.41	AVG	No Limit
4	2410.1000	104.27	7.37	111.64	74.00	37.64	Peak	No Limit

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

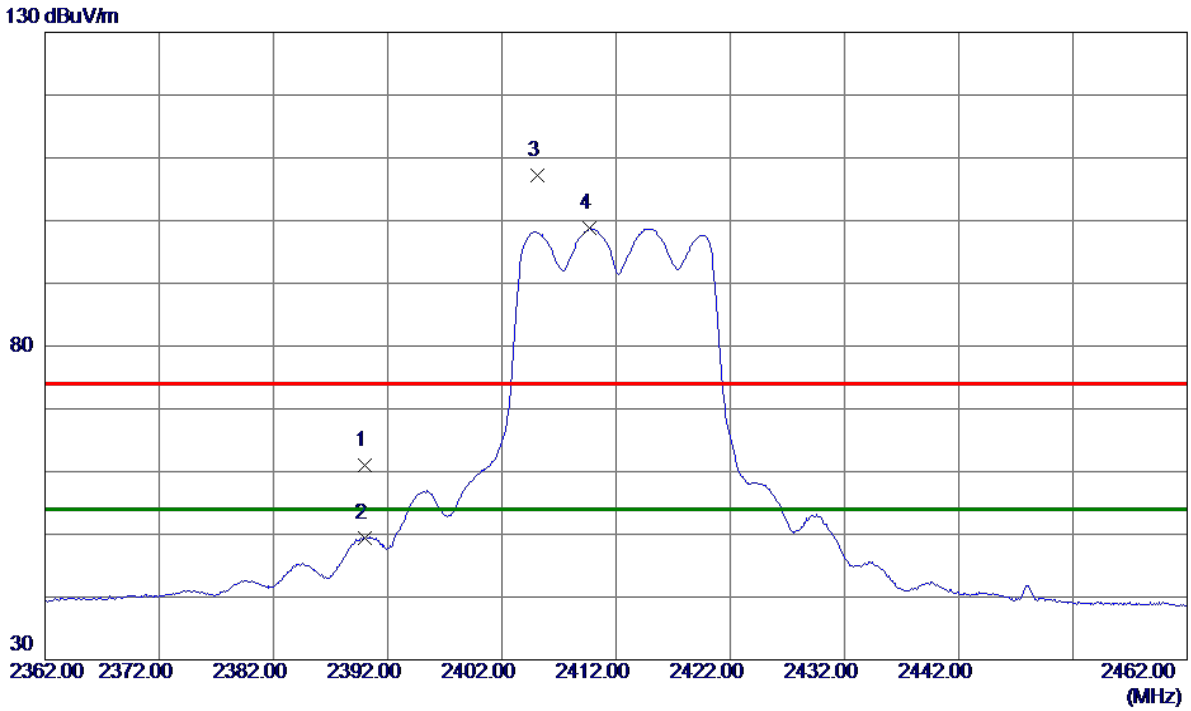
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9647.9870	28.20	11.03	39.23	54.00	-14.77	AVG	
2	9648.5350	39.69	11.03	50.72	74.00	-23.28	Peak	

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

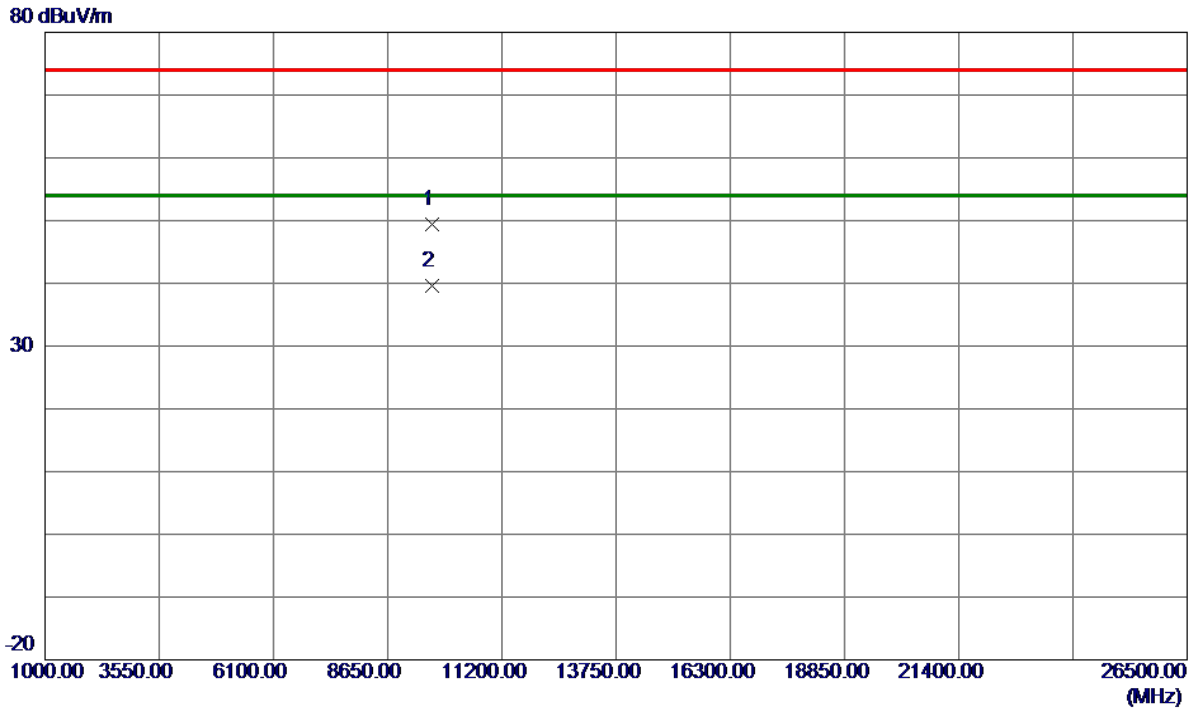
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	53.54	7.39	60.93	74.00	-13.07	Peak	
2	2390.0000	41.99	7.39	49.38	54.00	-4.62	AVG	
3	2405.1000	99.87	7.38	107.25	74.00	33.25	Peak	No Limit
4 *	2409.7000	91.36	7.37	98.73	54.00	44.73	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

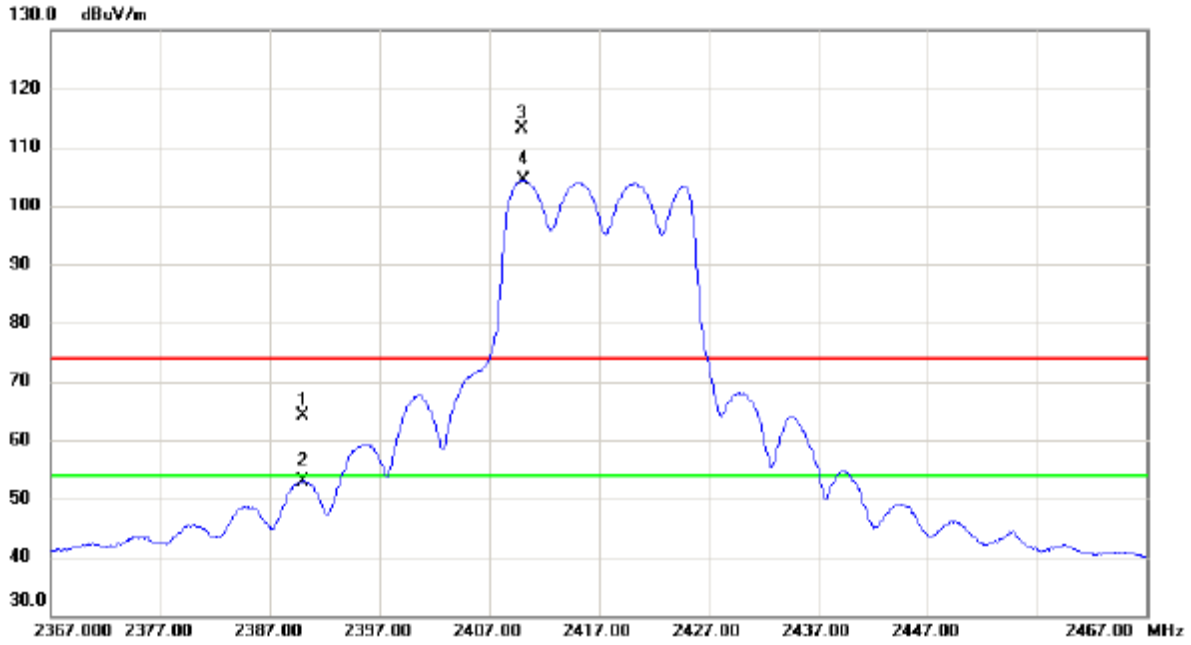
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9639.2500	38.70	10.76	49.46	74.00	-24.54	Peak	
2 *	9648.0000	28.81	10.77	39.58	54.00	-14.42	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2417 MHz

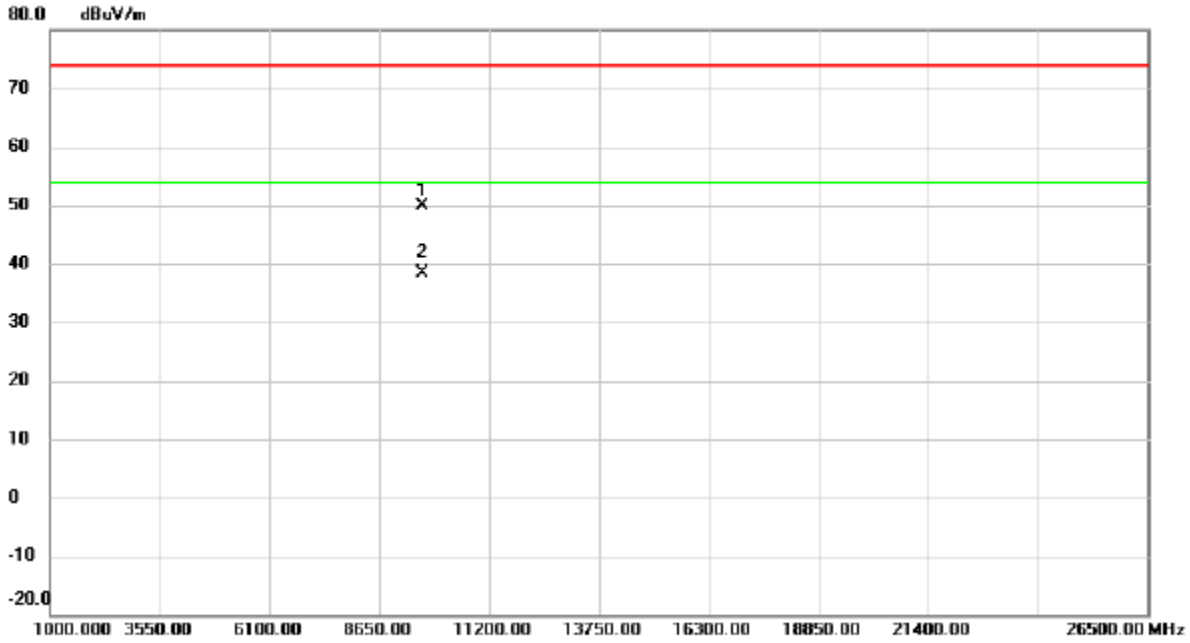
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	56.72	7.38	64.10	74.00	-9.90	peak	
2		2390.000	45.45	7.38	52.83	54.00	-1.17	AVG	
3	X	2410.000	105.6	7.38	113.07	74.00	39.07	peak	No Limit
4	*	2410.100	97.06	7.38	104.44	54.00	50.44	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX G Mode 2417 MHz

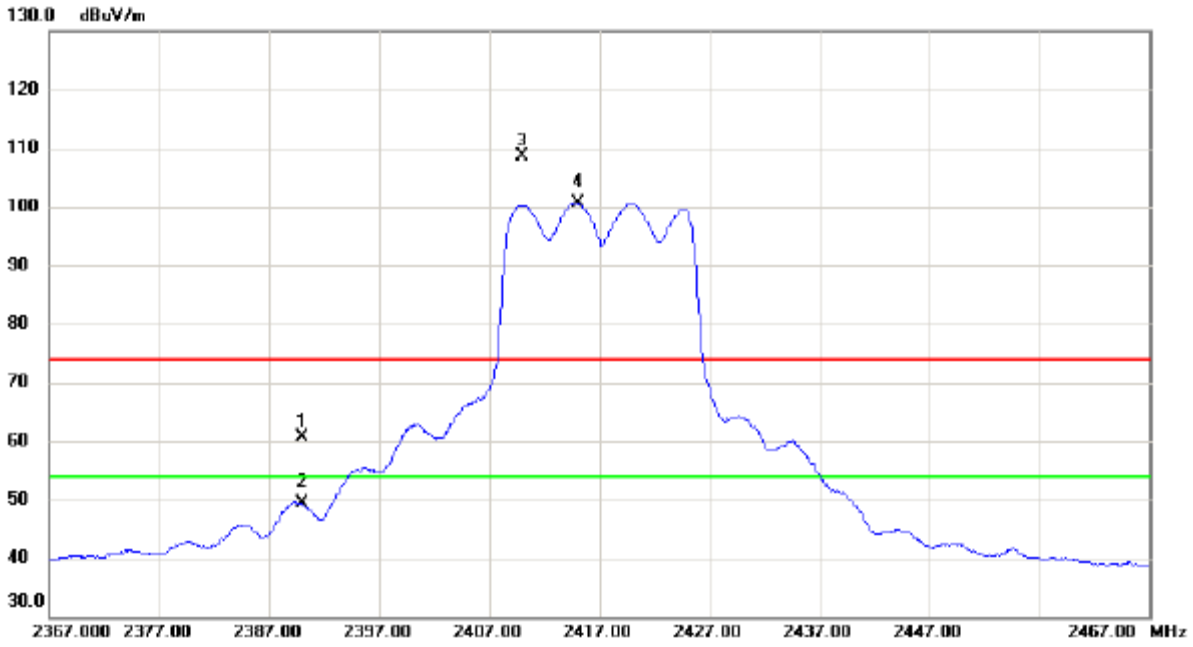
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9667.737	38.78	11.03	49.81	74.00	-24.19	peak	
2	*	9667.798	27.46	11.03	38.49	54.00	-15.51	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2417 MHz

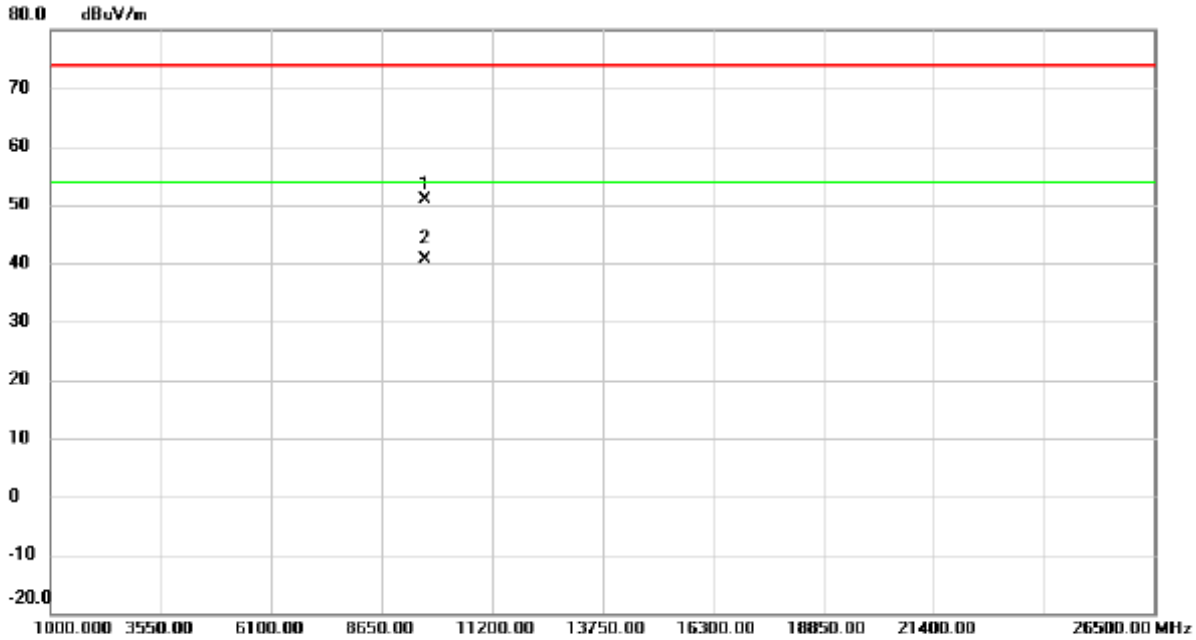
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	53.20	7.38	60.58	74.00	-13.42	peak	
2		2390.000	42.02	7.38	49.40	54.00	-4.60	AVG	
3	X	2410.000	101.3	7.38	108.75	74.00	34.75	peak	No Limit
4	*	2415.000	93.22	7.37	100.59	54.00	46.59	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX G Mode 2417 MHz

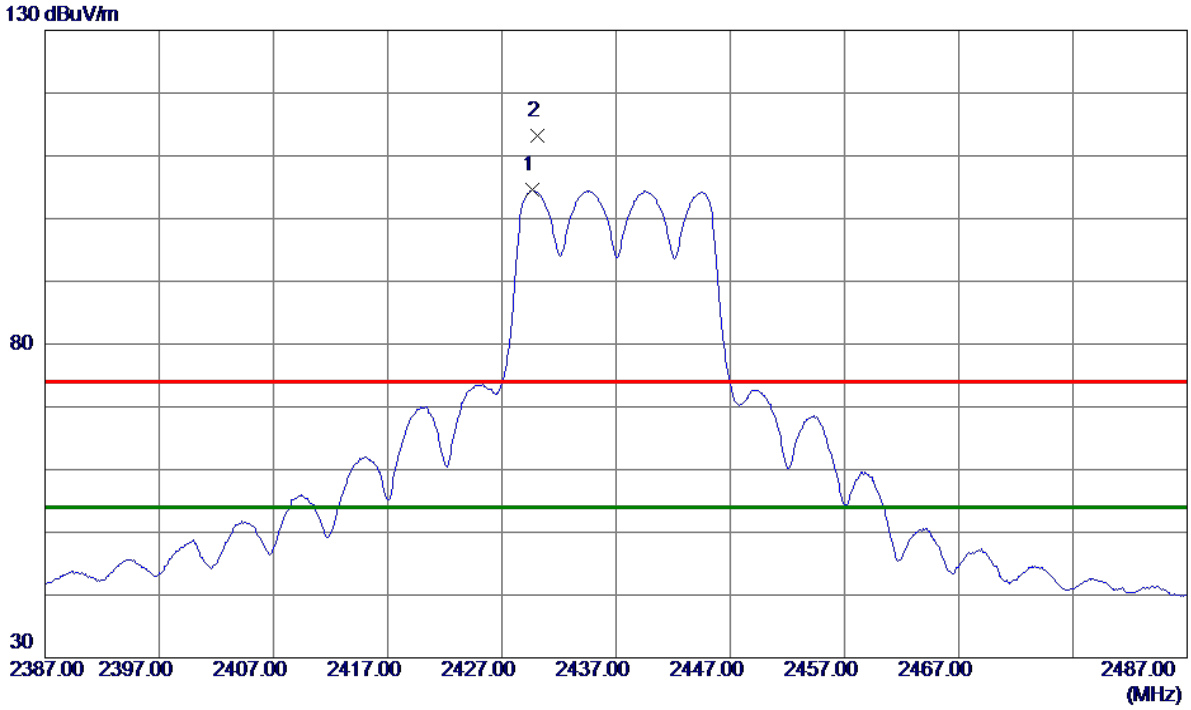
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9668.050	40.22	10.77	50.99	74.00	-23.01	peak	
2	*	9668.350	29.89	10.77	40.66	54.00	-13.34	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2437 MHz

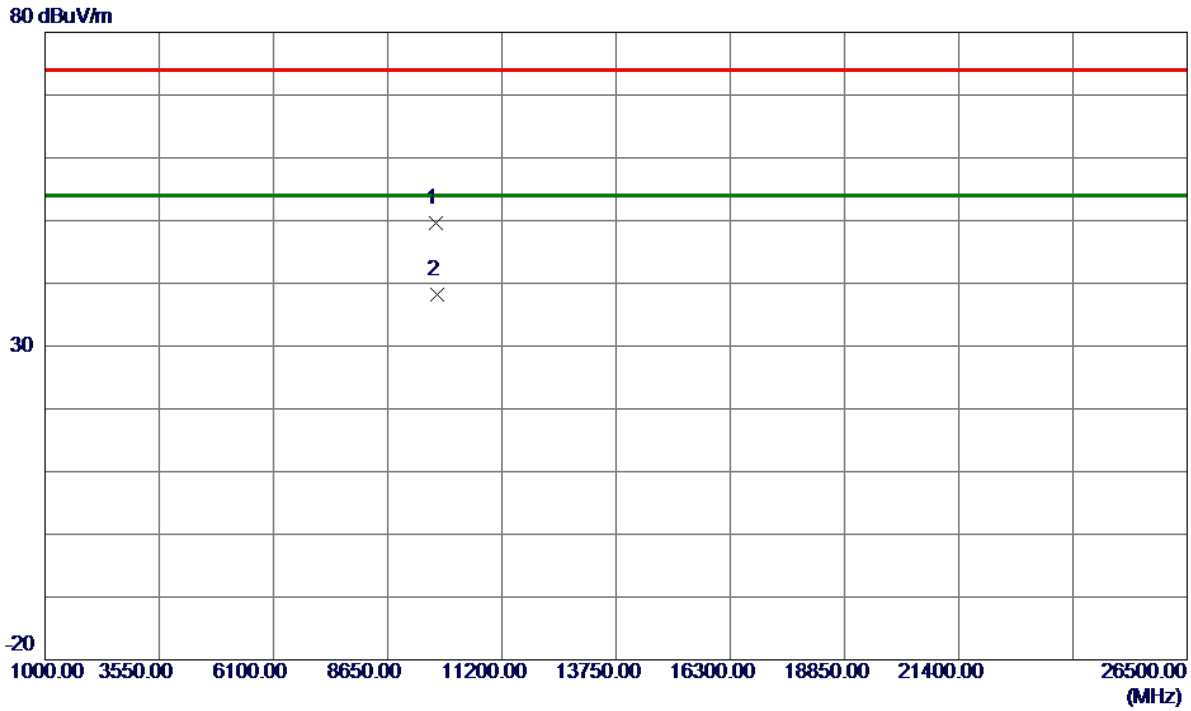
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2429.7000	97.22	7.36	104.58	54.00	50.58	AVG	No Limit
2	2430.1000	105.77	7.36	113.13	74.00	39.13	Peak	No Limit

Orthogonal Axis	X
Test Mode:	TX G Mode 2437 MHz

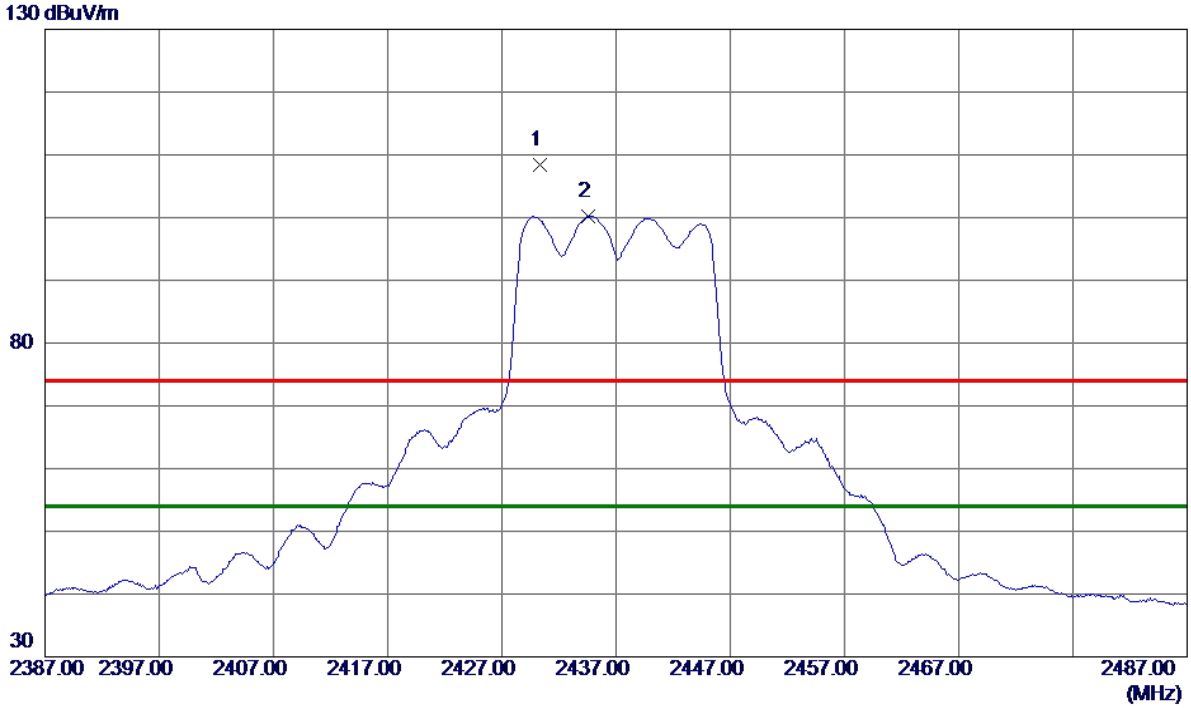
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9740.3500	38.54	11.05	49.59	74.00	-24.41	Peak	
2 *	9751.0000	27.15	11.05	38.20	54.00	-15.80	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2437 MHz

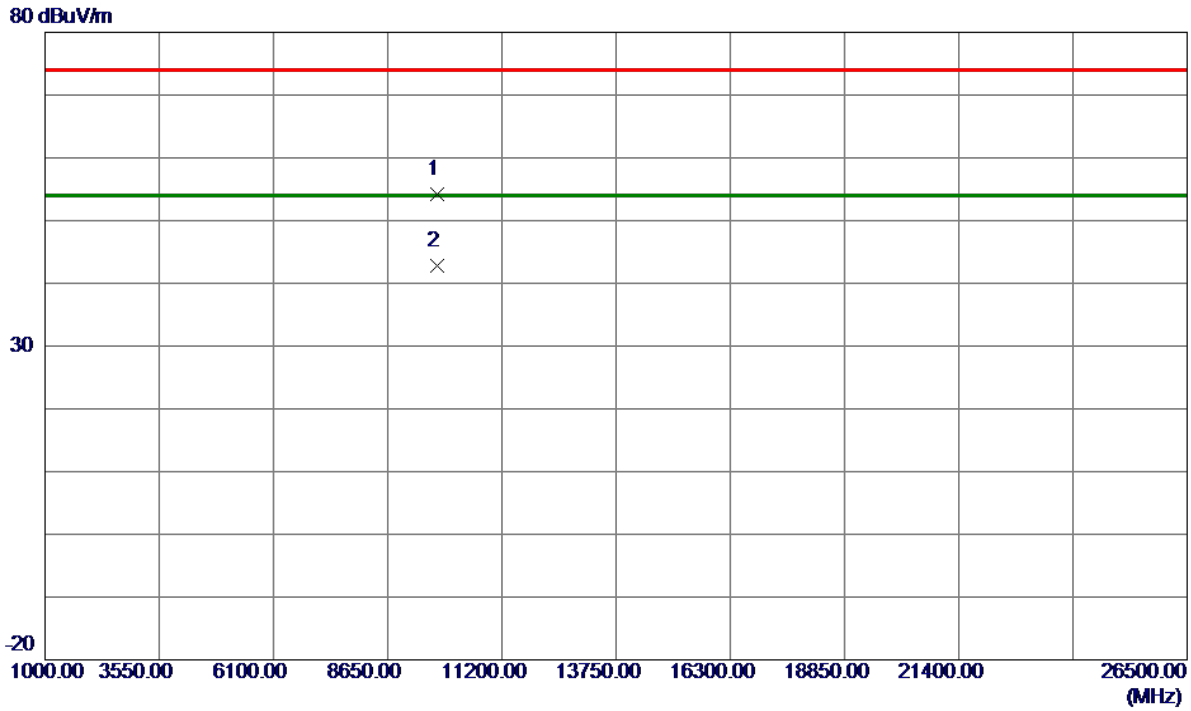
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2430.3000	101.08	7.36	108.44	74.00	34.44	Peak	No Limit
2 *	2434.6000	92.90	7.35	100.25	54.00	46.25	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX G Mode 2437 MHz

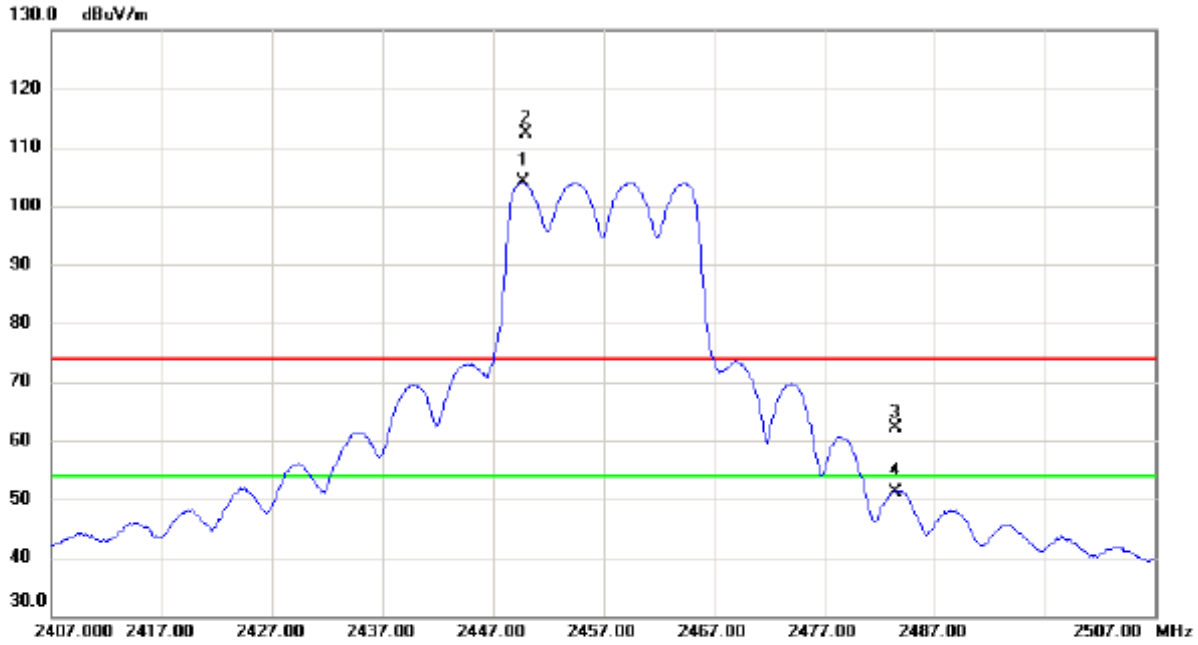
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9742.1500	43.52	10.77	54.29	74.00	-19.71	Peak	
2 *	9747.4000	32.11	10.77	42.88	54.00	-11.12	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2457 MHz

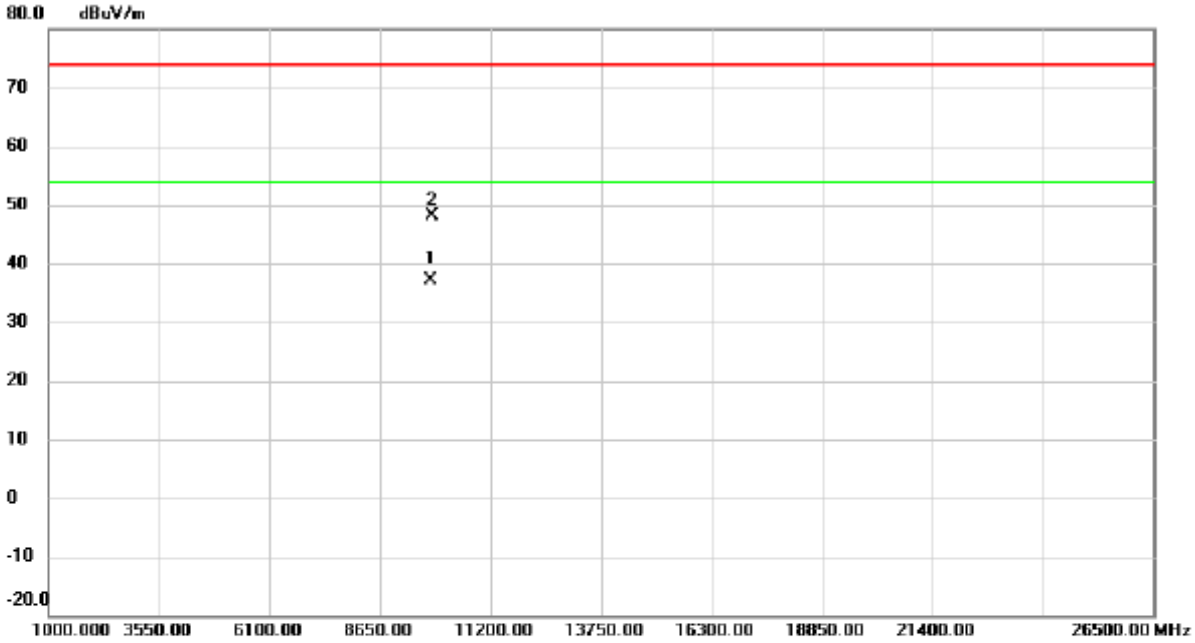
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2449.700	96.73	7.34	104.07	54.00	50.07	AVG	No Limit
2	X	2450.000	104.9	7.34	112.31	74.00	38.31	peak	No Limit
3		2483.500	54.82	7.32	62.14	74.00	-11.86	peak	
4		2483.500	43.87	7.32	51.19	54.00	-2.81	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2457 MHz

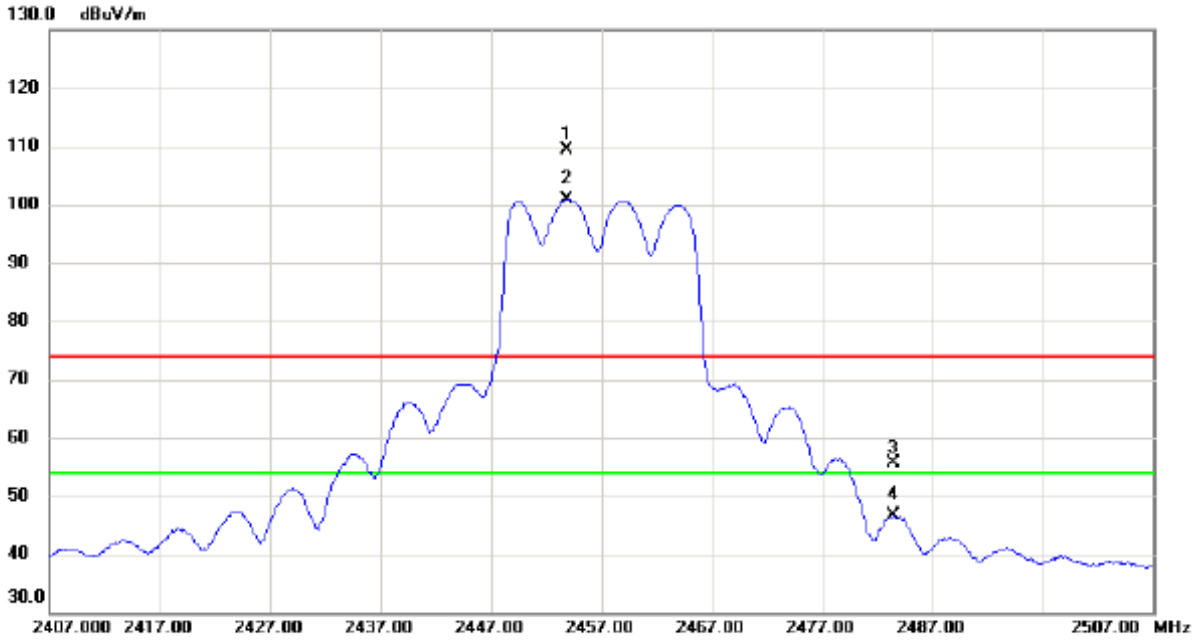
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9821.550	26.19	11.06	37.25	54.00	-16.75	AVG	
2		9848.525	37.10	11.07	48.17	74.00	-25.83	peak	

Orthogonal Axis	X
Test Mode:	TX G Mode 2457 MHz

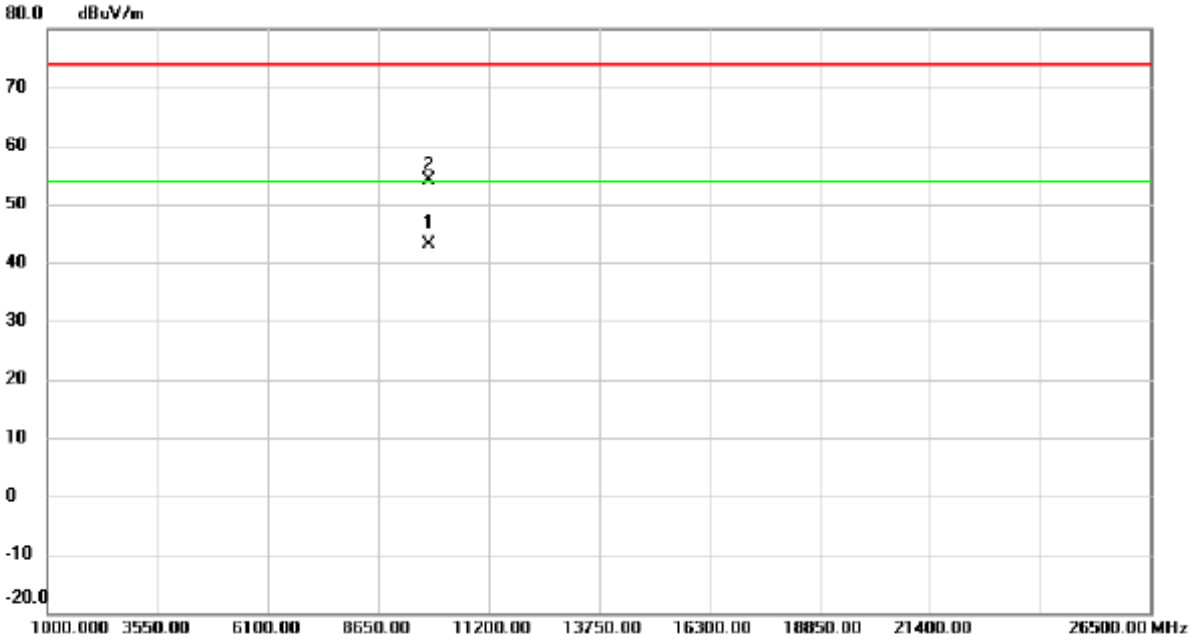
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2453.800	102.0	7.33	109.36	74.00	35.36	peak	No Limit
2	*	2453.800	93.59	7.33	100.92	54.00	46.92	AVG	No Limit
3		2483.500	48.29	7.32	55.61	74.00	-18.39	peak	
4		2483.500	39.29	7.32	46.61	54.00	-7.39	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2457 MHz

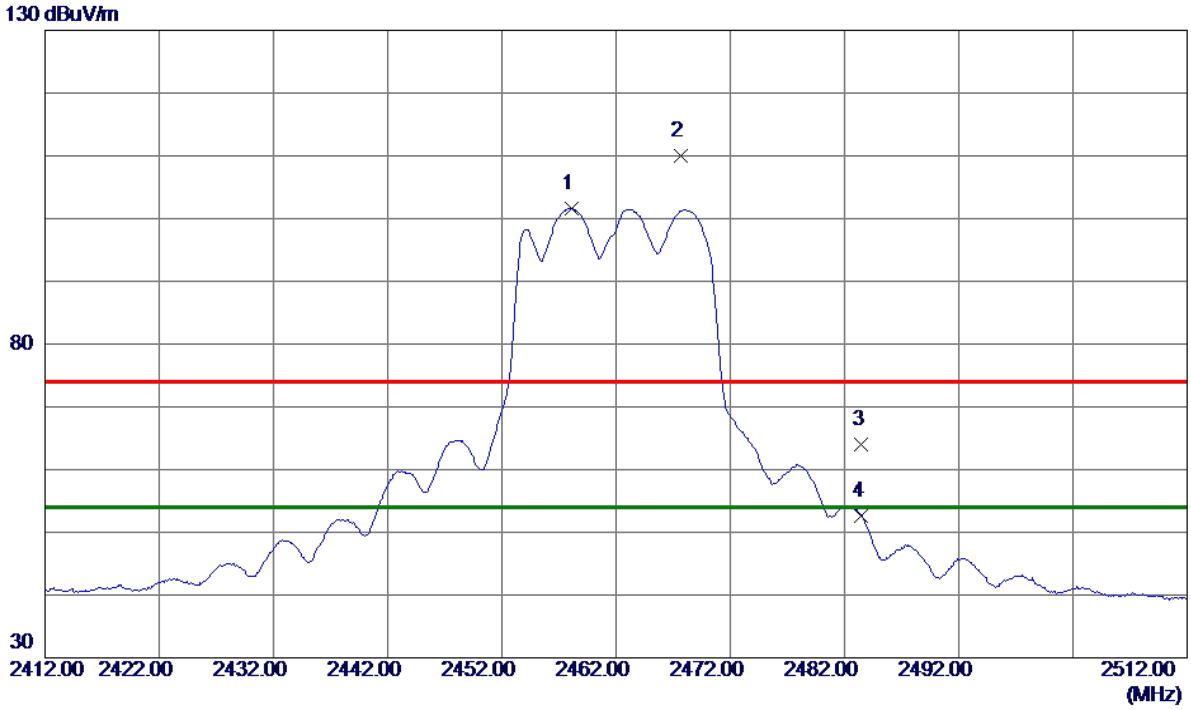
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9827.250	32.31	10.78	43.09	54.00	-10.91	AVG	
2		9827.800	43.40	10.78	54.18	74.00	-19.82	peak	

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

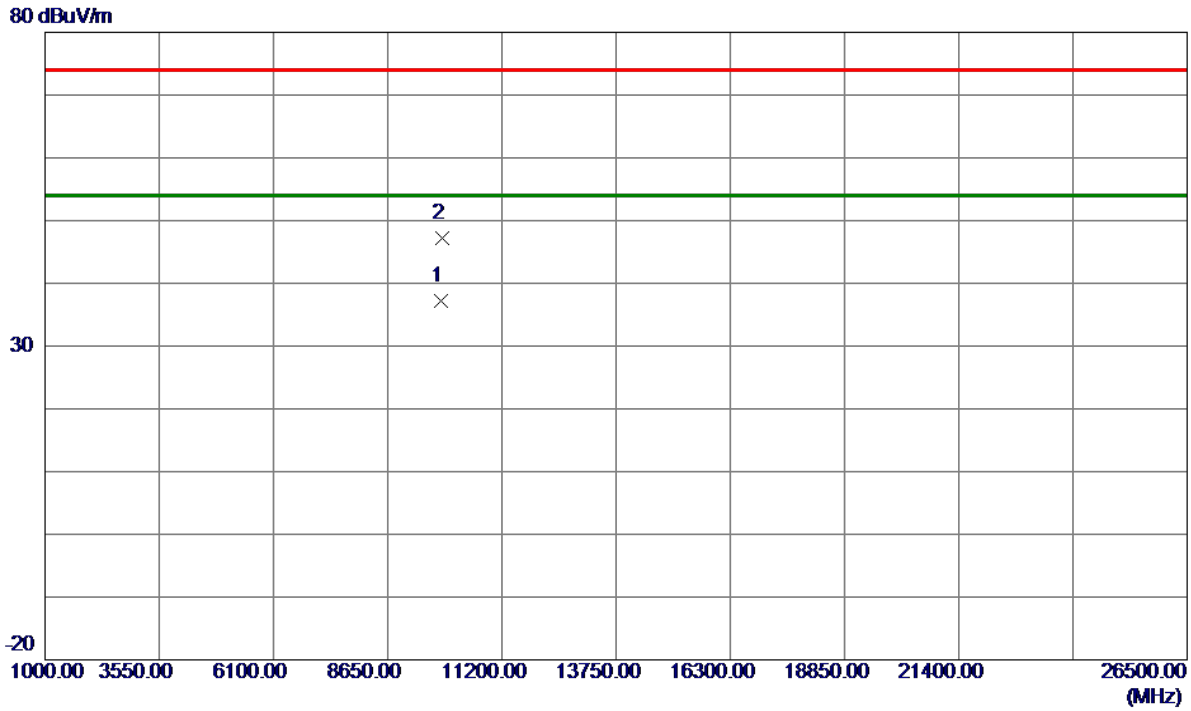
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2458.1000	94.28	7.34	101.62	54.00	47.62	AVG	No Limit
2	2467.7000	102.63	7.33	109.96	74.00	35.96	Peak	No Limit
3	2483.5000	56.61	7.32	63.93	74.00	-10.07	Peak	
4	2483.5000	45.26	7.32	52.58	54.00	-1.42	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

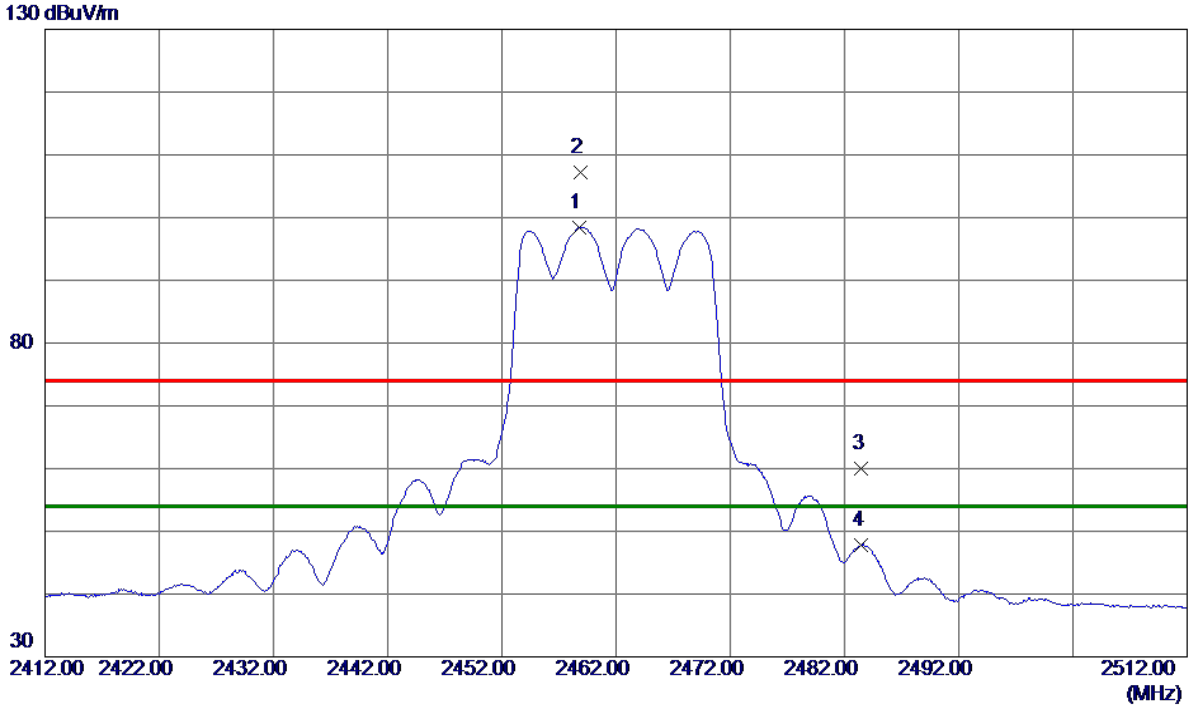
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9848.0000	26.06	11.06	37.12	54.00	-16.88	AVG	
2	9865.1000	36.10	11.07	47.17	74.00	-26.83	Peak	

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

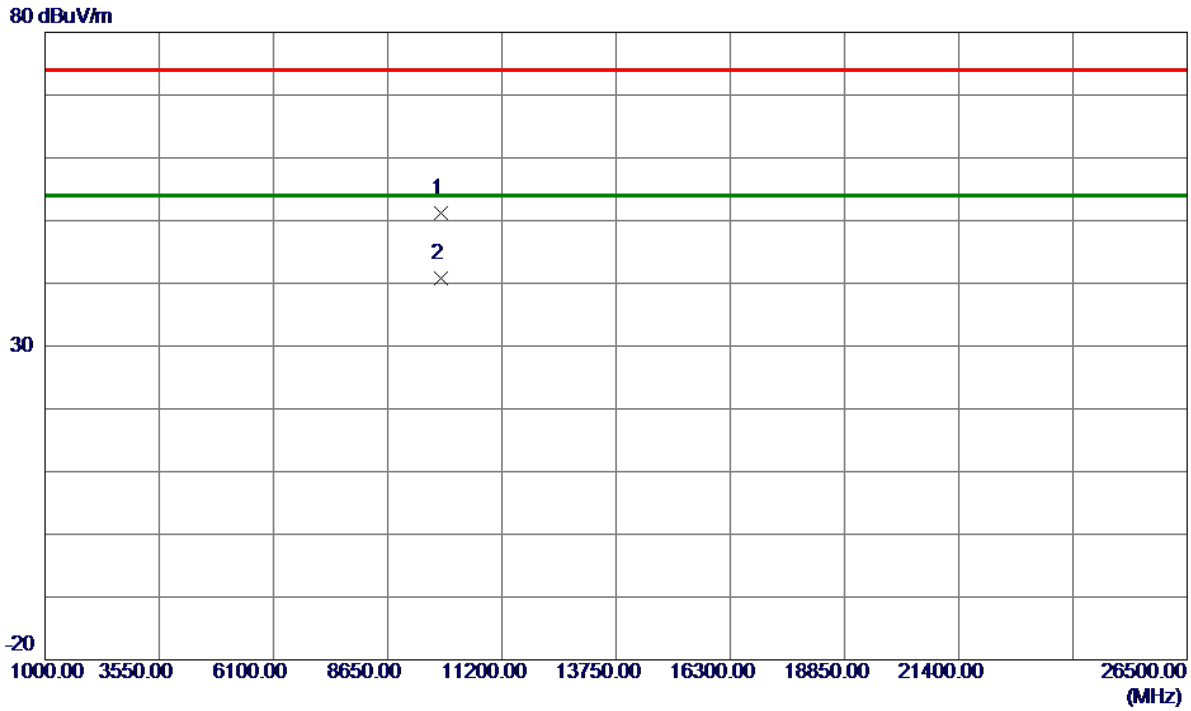
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2458.8000	91.09	7.34	98.43	54.00	44.43	AVG	No Limit
2	2458.9000	99.80	7.34	107.14	74.00	33.14	Peak	No Limit
3	2483.5000	52.67	7.32	59.99	74.00	-14.01	Peak	
4	2483.5000	40.39	7.32	47.71	54.00	-6.29	AVG	

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

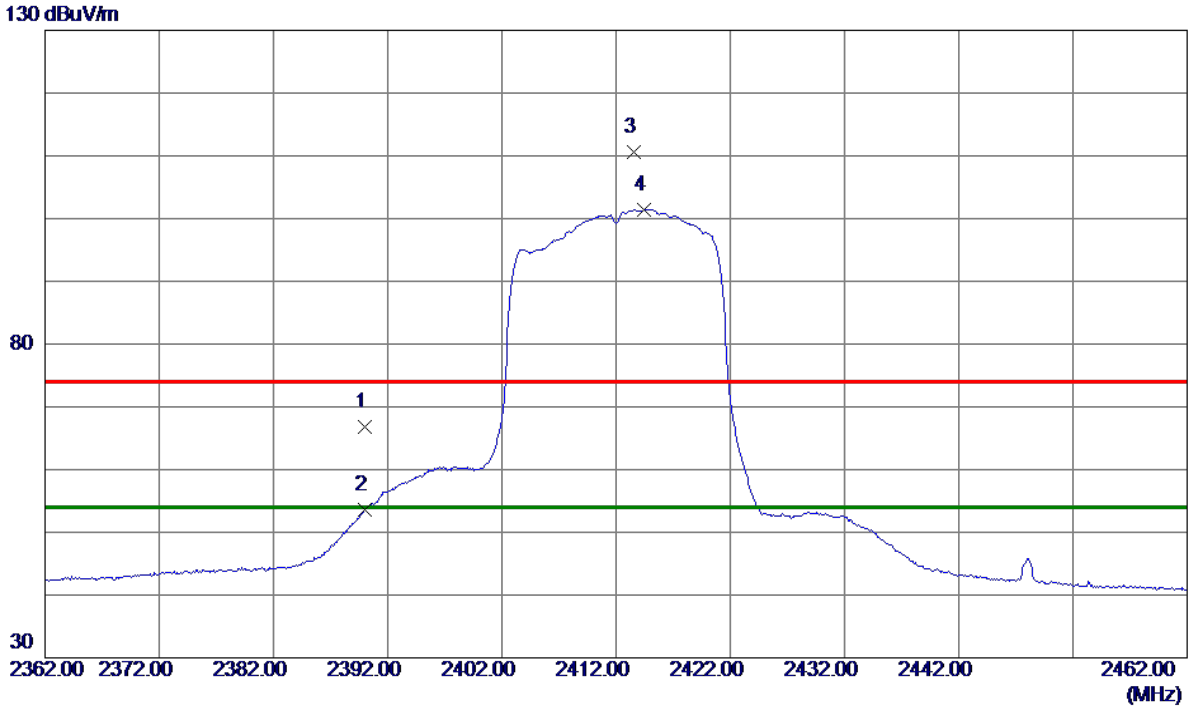
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9852.1500	40.50	10.78	51.28	74.00	-22.72	Peak	
2 *	9852.3000	30.10	10.78	40.88	54.00	-13.12	AVG	

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

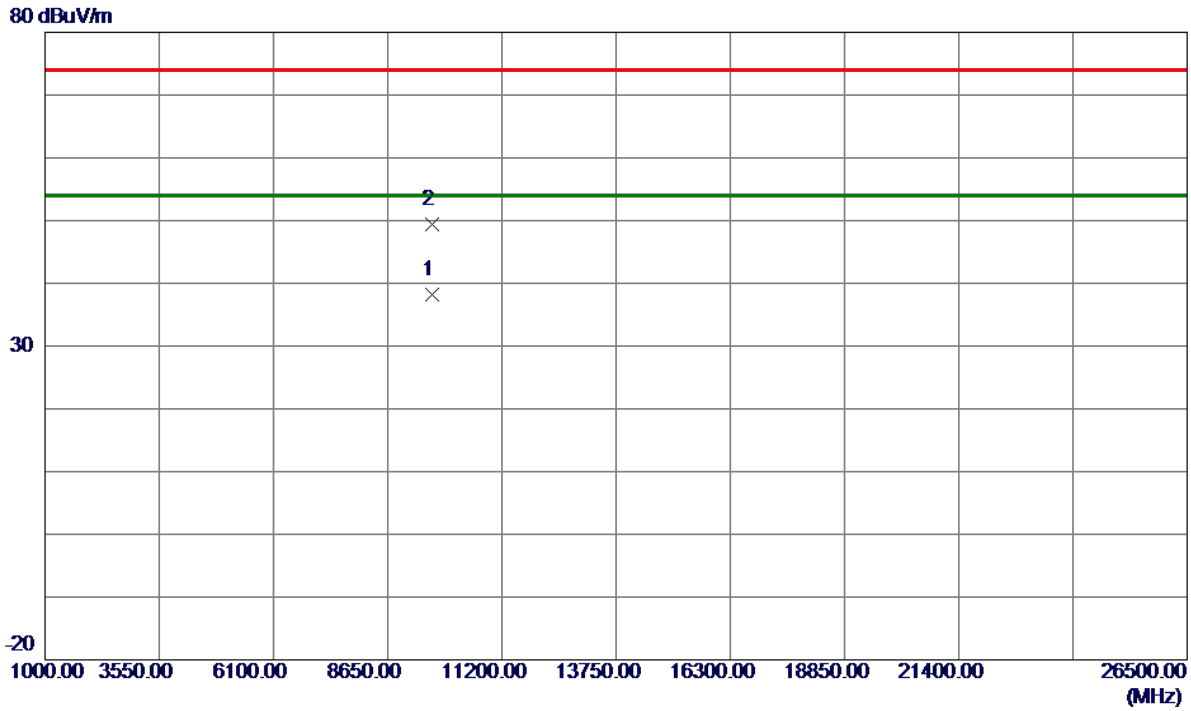
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	59.47	7.39	66.86	74.00	-7.14	Peak	
2	2390.0000	46.19	7.39	53.58	54.00	-0.42	AVG	
3	2413.6000	103.27	7.37	110.64	74.00	36.64	Peak	No Limit
4 *	2414.4000	94.08	7.37	101.45	54.00	47.45	AVG	No Limit

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

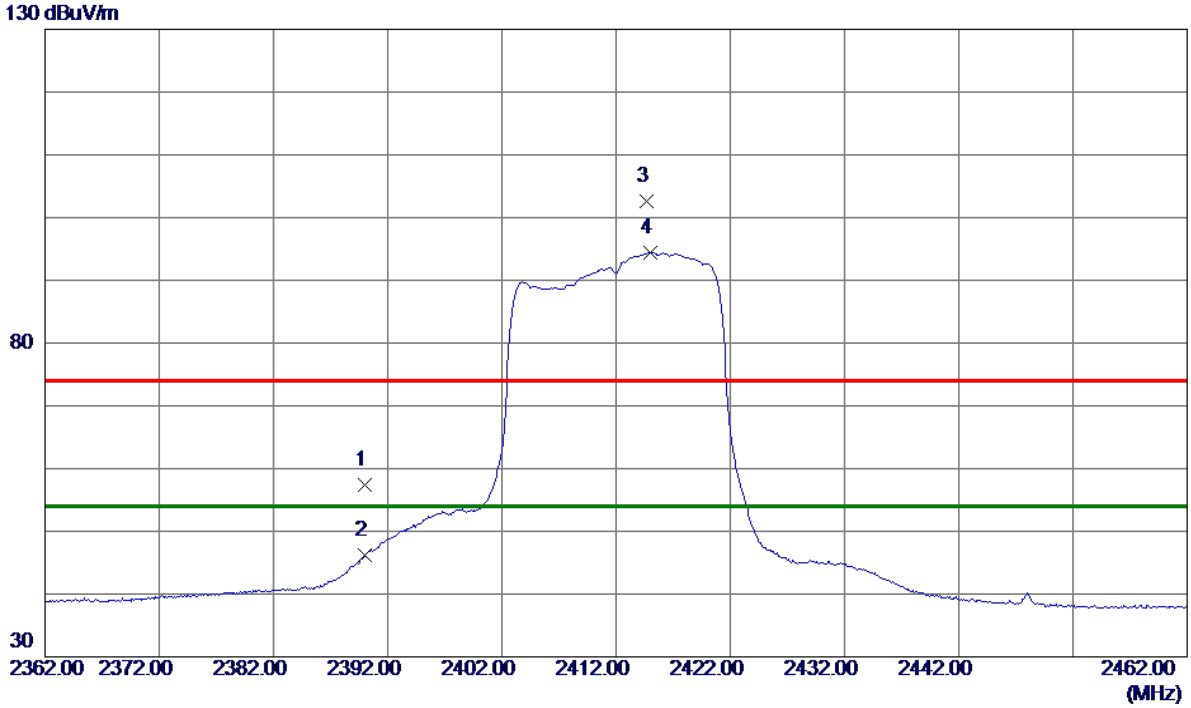
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9647.9530	27.24	11.03	38.27	54.00	-15.73	AVG	
2	9648.1650	38.30	11.03	49.33	74.00	-24.67	Peak	

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

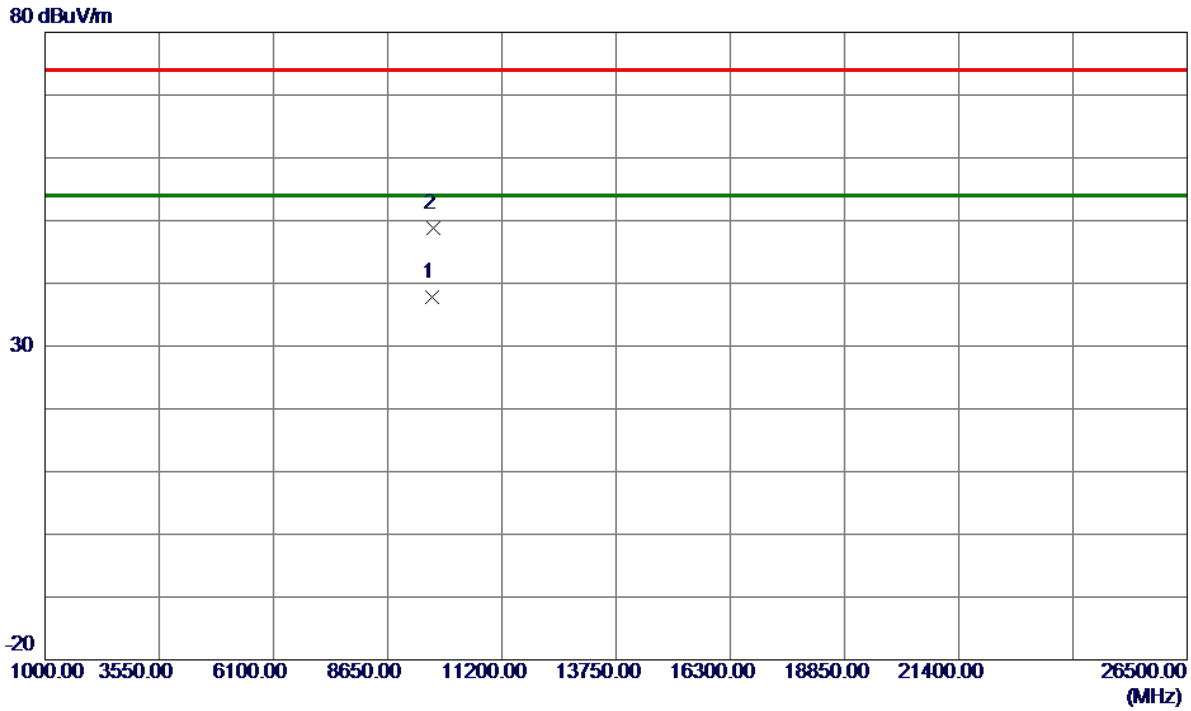
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	50.03	7.39	57.42	74.00	-16.58	Peak	
2	2390.0000	38.87	7.39	46.26	54.00	-7.74	AVG	
3	2414.7000	95.28	7.37	102.65	74.00	28.65	Peak	No Limit
4 *	2415.0000	87.05	7.37	94.42	54.00	40.42	AVG	No Limit

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

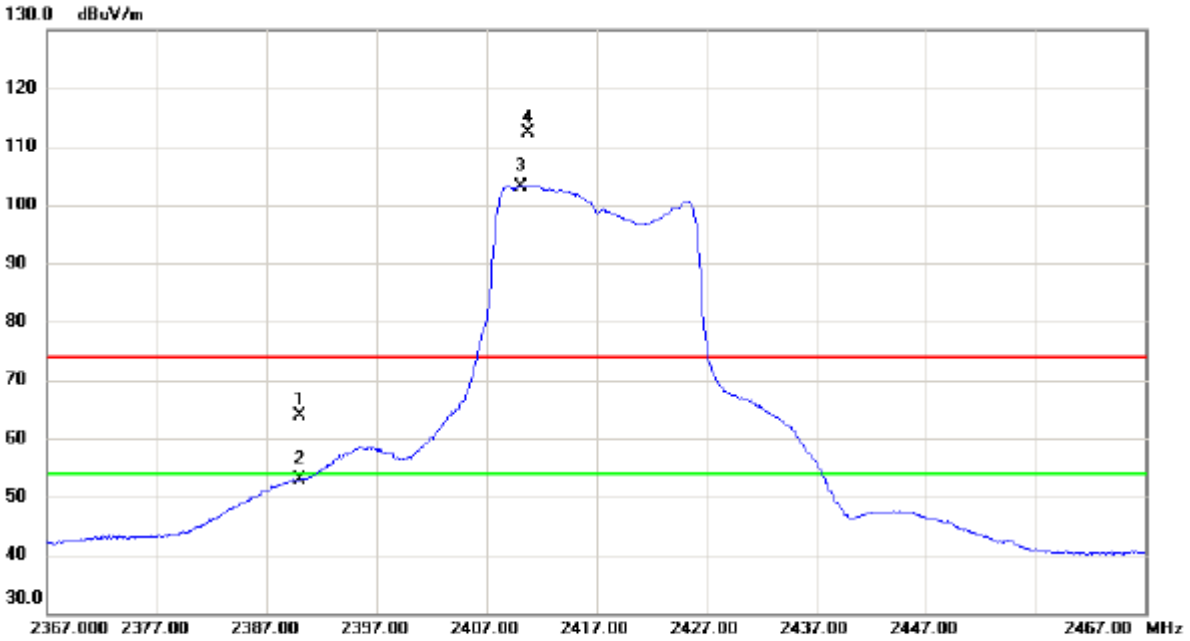
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9649.6000	26.99	10.77	37.76	54.00	-16.24	AVG	
2	9657.0000	38.02	10.77	48.79	74.00	-25.21	Peak	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2417 MHz

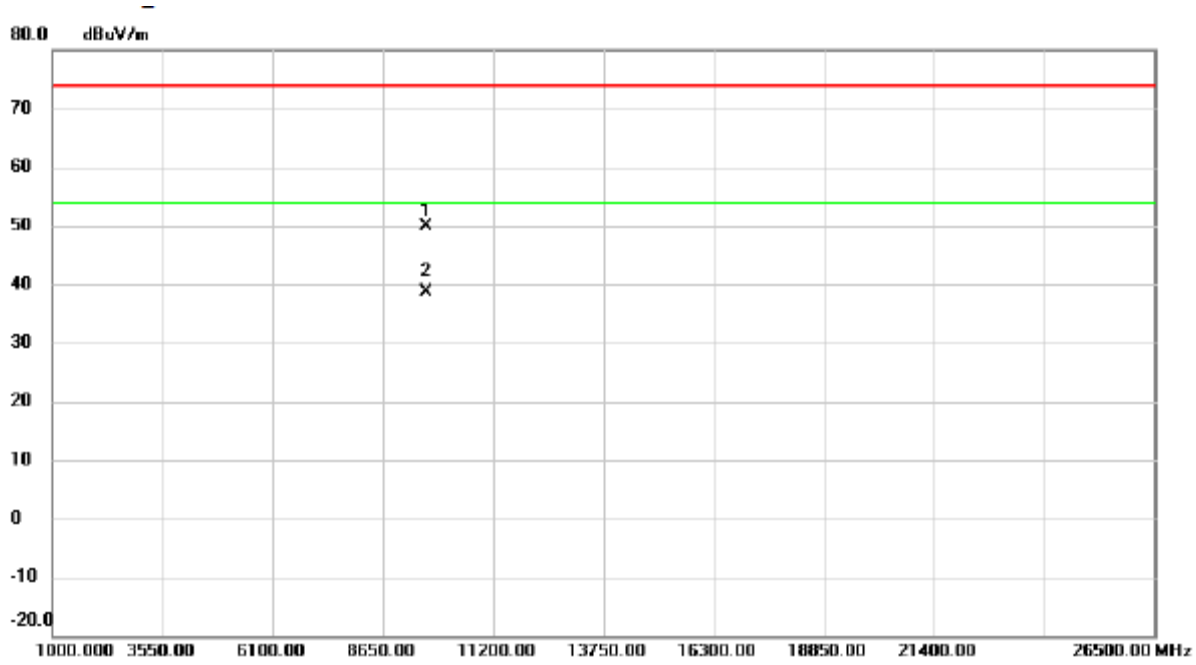
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	56.45	7.38	63.83	74.00	-10.17	peak	
2		2390.000	45.45	7.38	52.83	54.00	-1.17	AVG	
3	*	2410.100	95.81	7.38	103.19	54.00	49.19	AVG	No Limit
4	X	2410.800	105.1	7.37	112.50	74.00	38.50	peak	No Limit

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2417 MHz

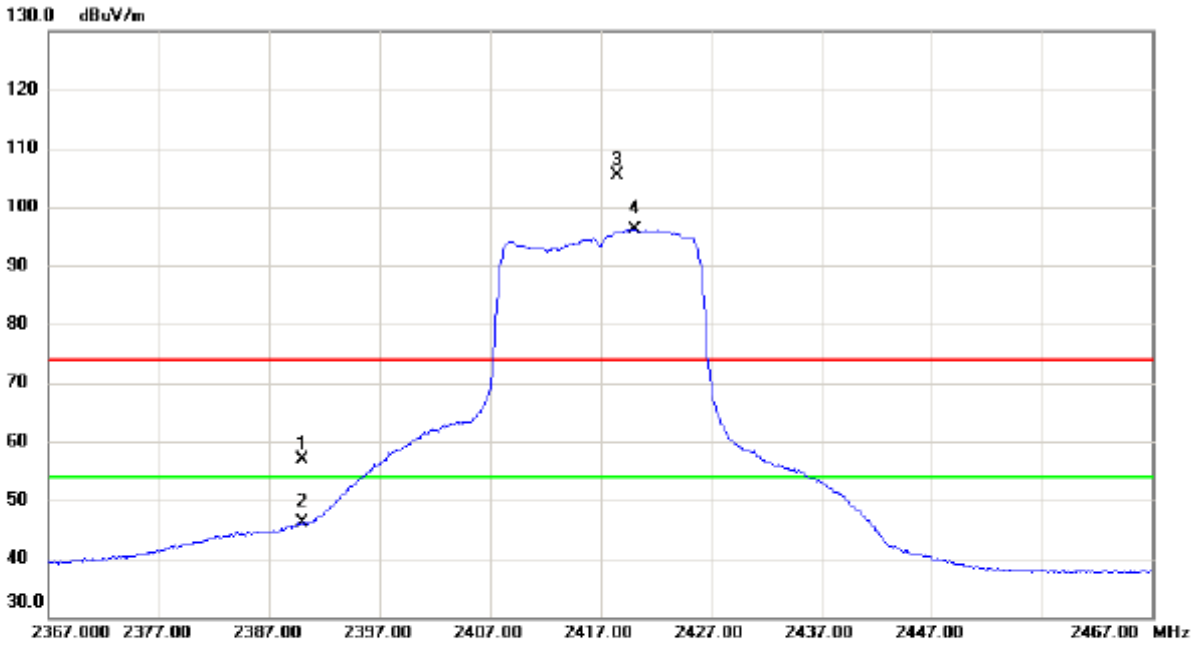
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9667.578	38.97	11.03	50.00	74.00	-24.00	peak	
2	*	9667.914	27.70	11.03	38.73	54.00	-15.27	AVG	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2417 MHz

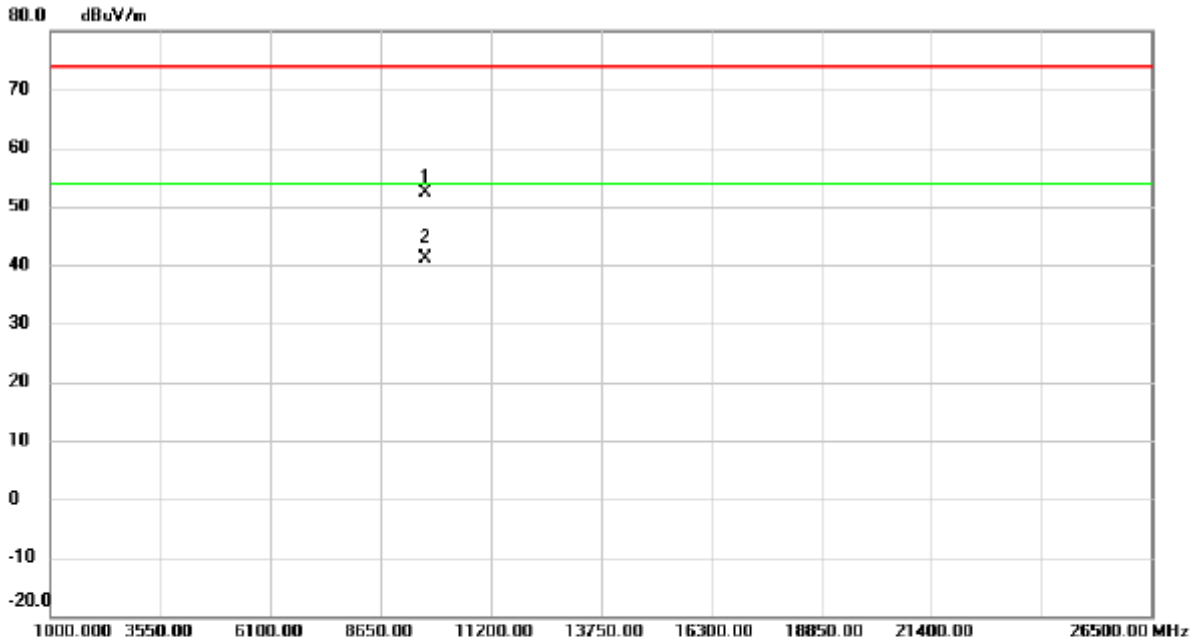
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	49.60	7.38	56.98	74.00	-17.02	peak	
2		2390.000	38.71	7.38	46.09	54.00	-7.91	AVG	
3	X	2418.600	98.00	7.36	105.36	74.00	31.36	peak	No Limit
4	*	2420.200	88.76	7.37	96.13	54.00	42.13	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2417 MHz

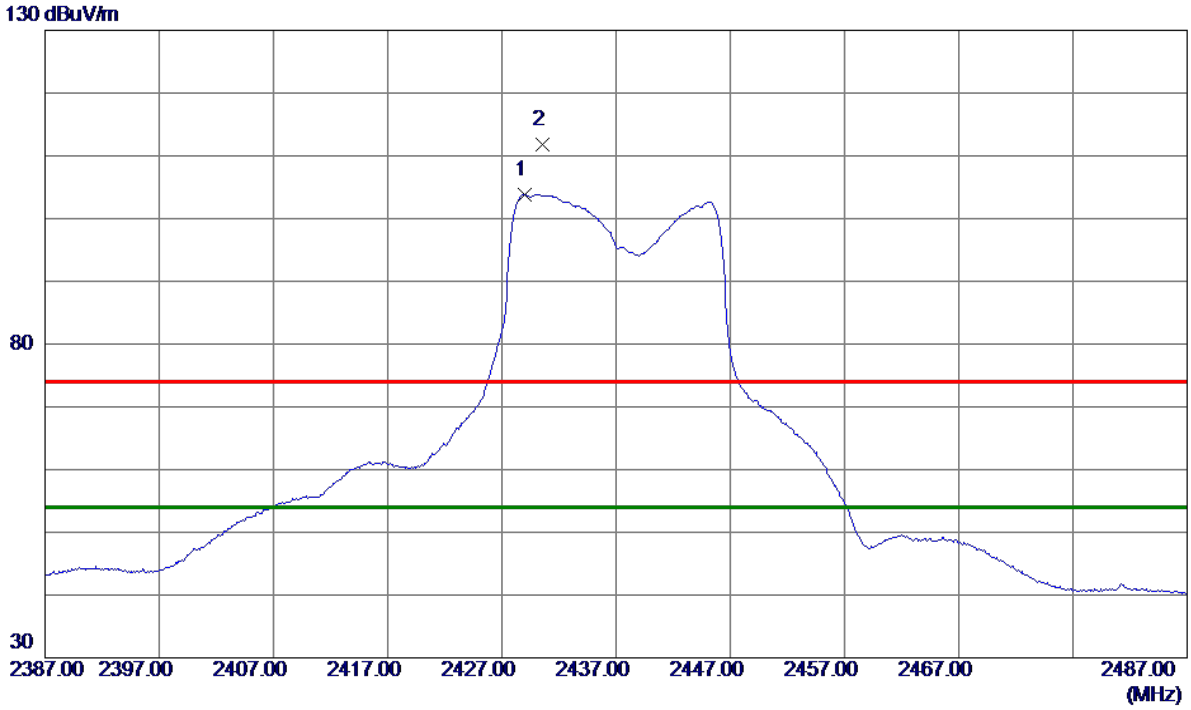
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9671.500	41.63	10.76	52.39	74.00	-21.61	peak	
2	*	9671.500	30.46	10.76	41.22	54.00	-12.78	AVG	

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

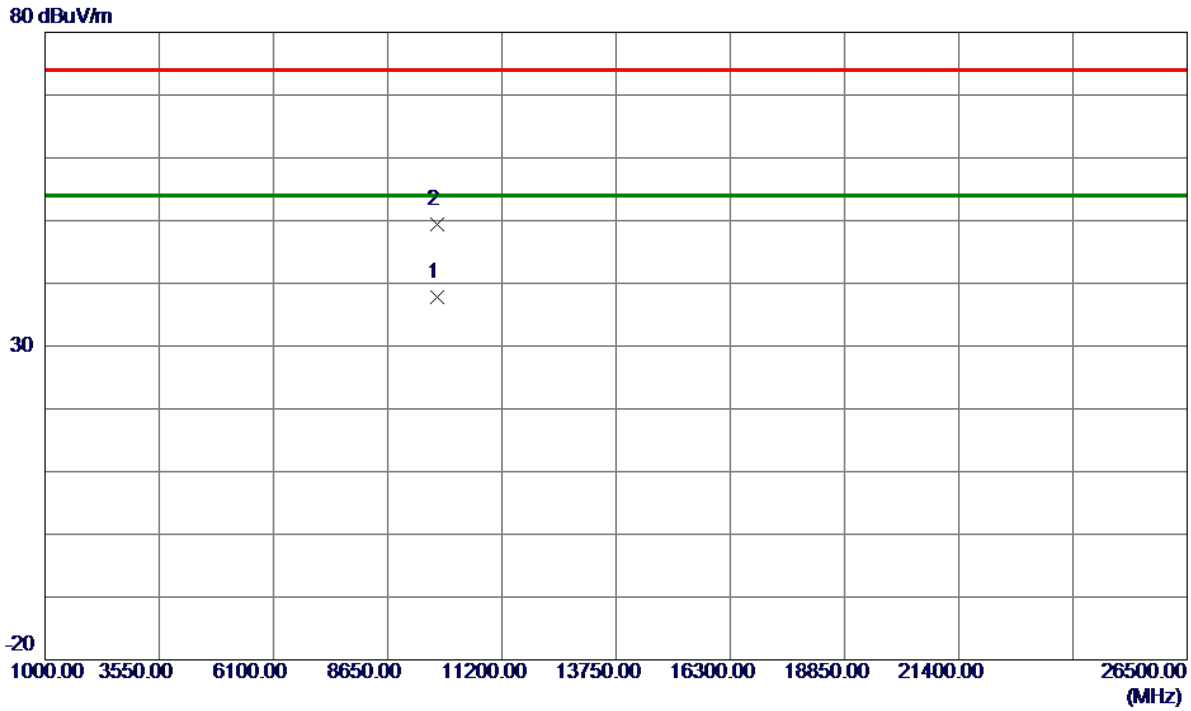
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2429.0000	96.45	7.36	103.81	54.00	49.81	AVG	No Limit
2	2430.6000	104.42	7.36	111.78	74.00	37.78	Peak	No Limit

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

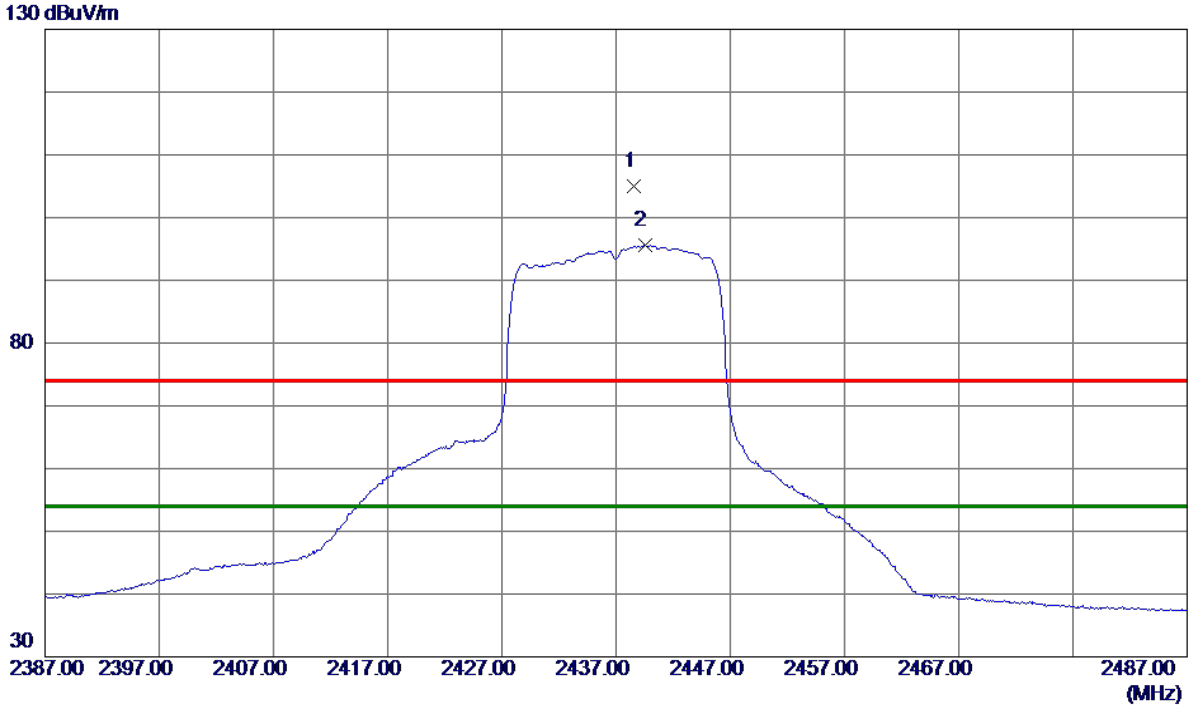
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9747.8460	26.77	11.05	37.82	54.00	-16.18	AVG	
2	9747.8720	38.40	11.05	49.45	74.00	-24.55	Peak	

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

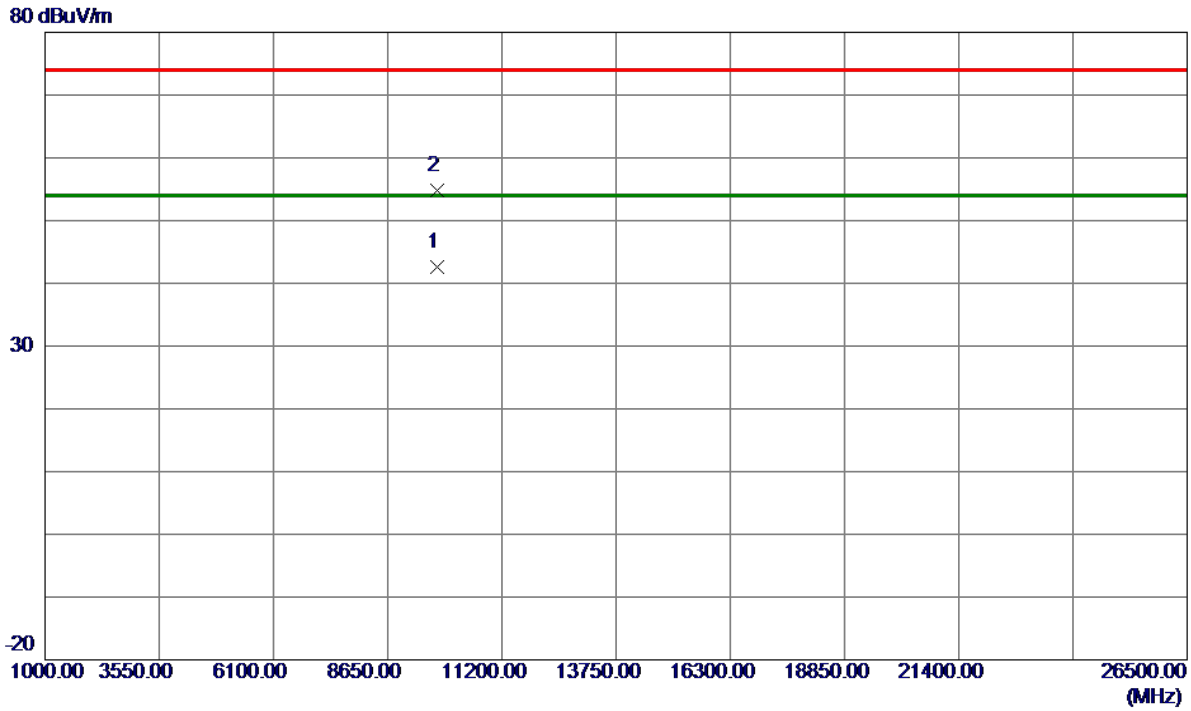
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2438.6000	97.71	7.35	105.06	74.00	31.06	Peak	No Limit
2 *	2439.5000	88.19	7.35	95.54	54.00	41.54	AVG	No Limit

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

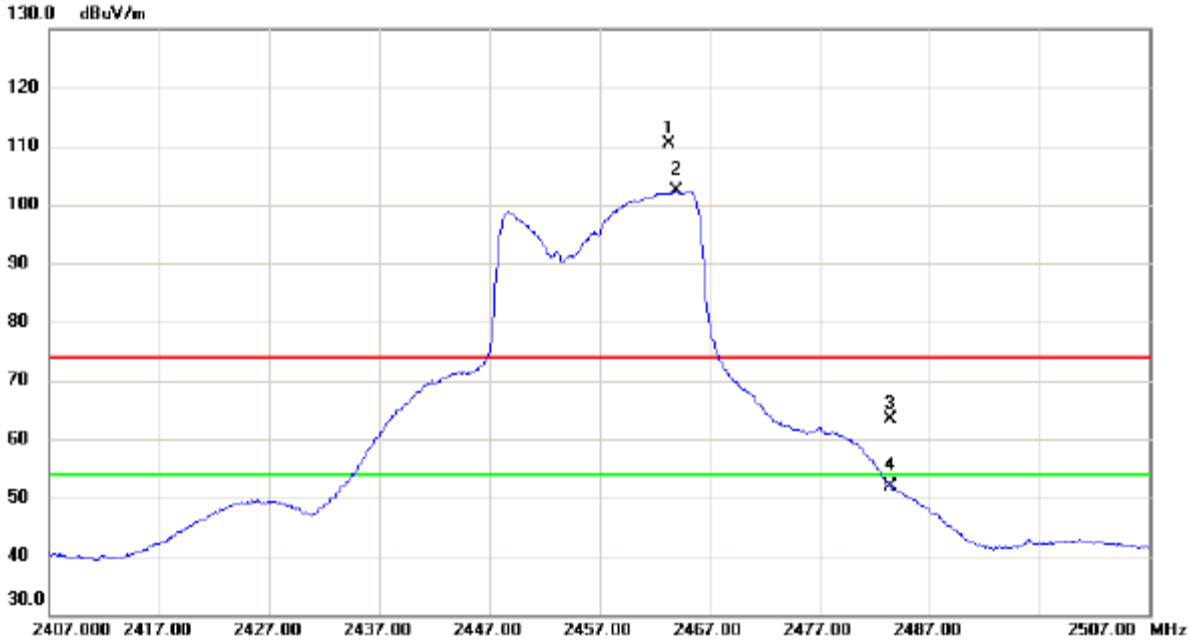
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9745.1000	31.87	10.77	42.64	54.00	-11.36	AVG	
2	9747.7000	44.00	10.77	54.77	74.00	-19.23	Peak	

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

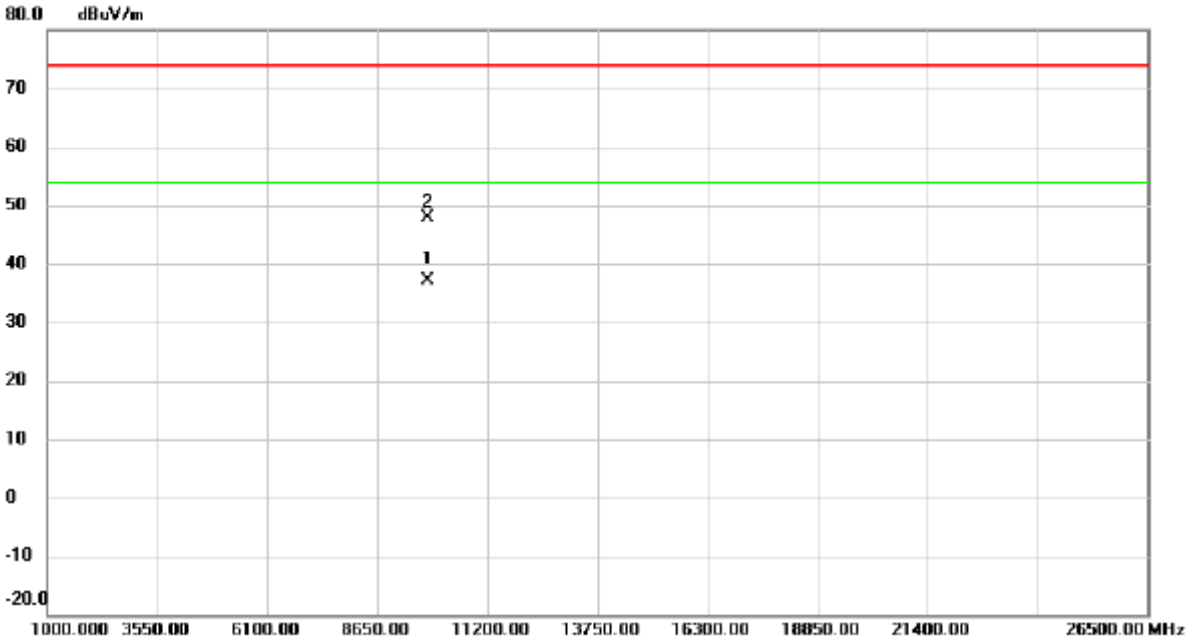
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2463.300	103.1	7.33	110.48	74.00	36.48	peak	No Limit
2	*	2464.000	94.98	7.33	102.31	54.00	48.31	AVG	No Limit
3		2483.500	56.12	7.32	63.44	74.00	-10.56	peak	
4		2483.500	44.48	7.32	51.80	54.00	-2.20	AVG	

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

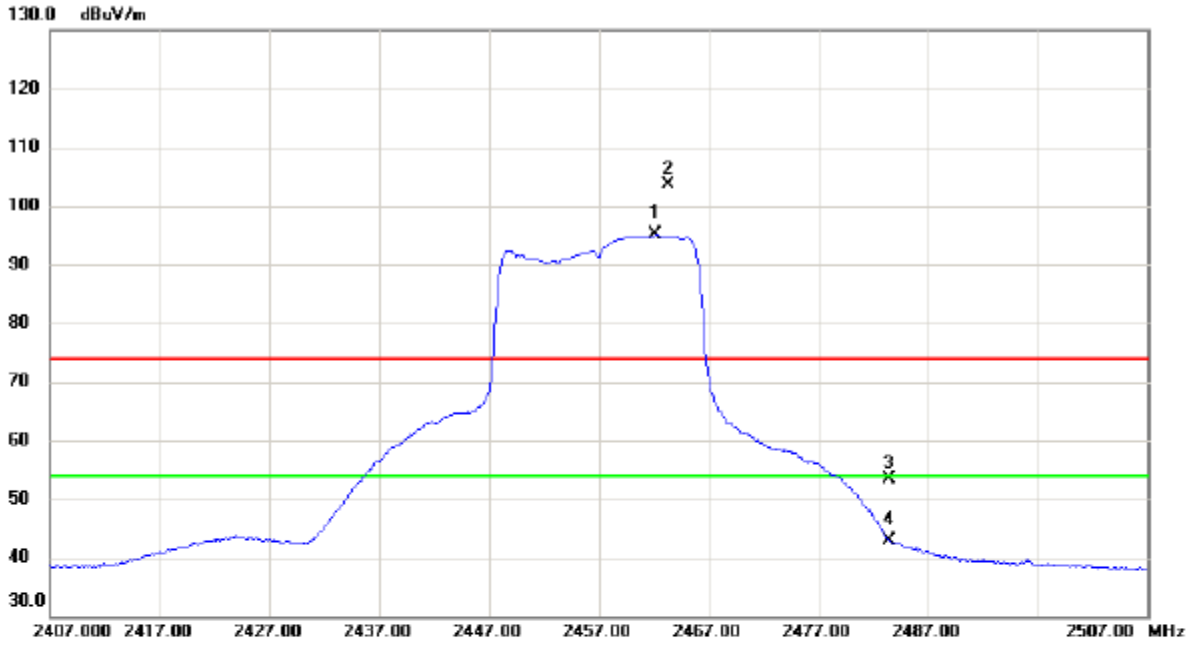
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9827.861	25.95	11.06	37.01	54.00	-16.99	AVG	
2		9828.154	36.72	11.06	47.78	74.00	-26.22	peak	

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

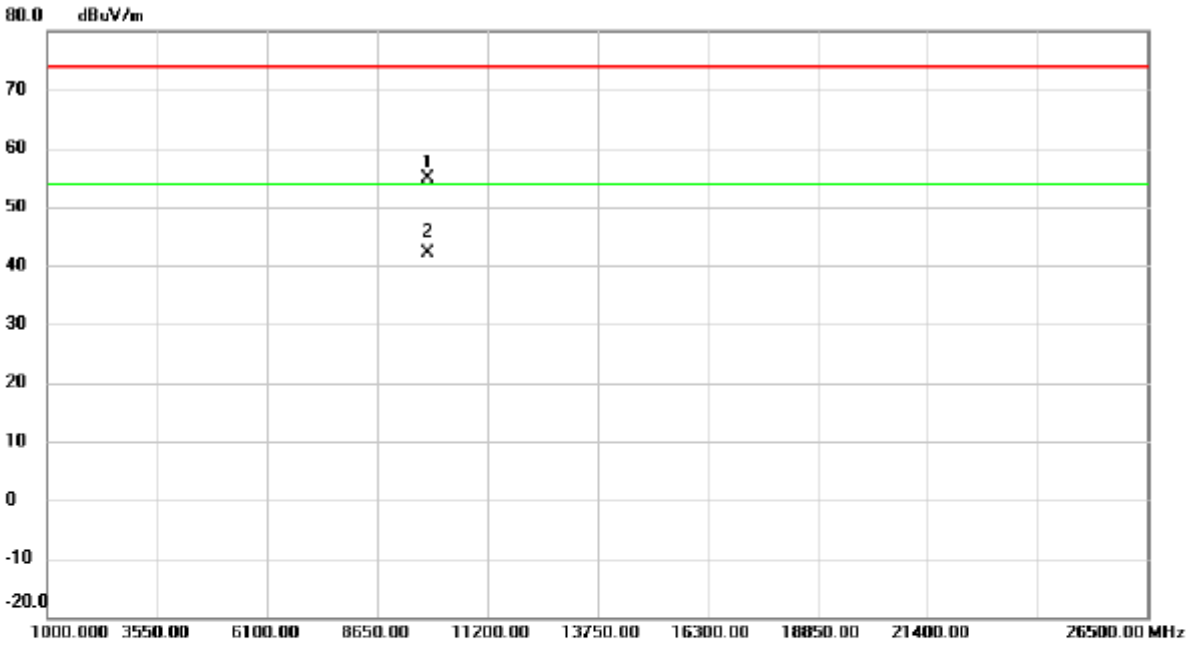
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2462.200	87.72	7.33	95.05	54.00	41.05	AVG	No Limit
2	X	2463.300	96.34	7.33	103.67	74.00	29.67	peak	No Limit
3		2483.500	46.09	7.32	53.41	74.00	-20.59	peak	
4		2483.500	35.67	7.32	42.99	54.00	-11.01	AVG	

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

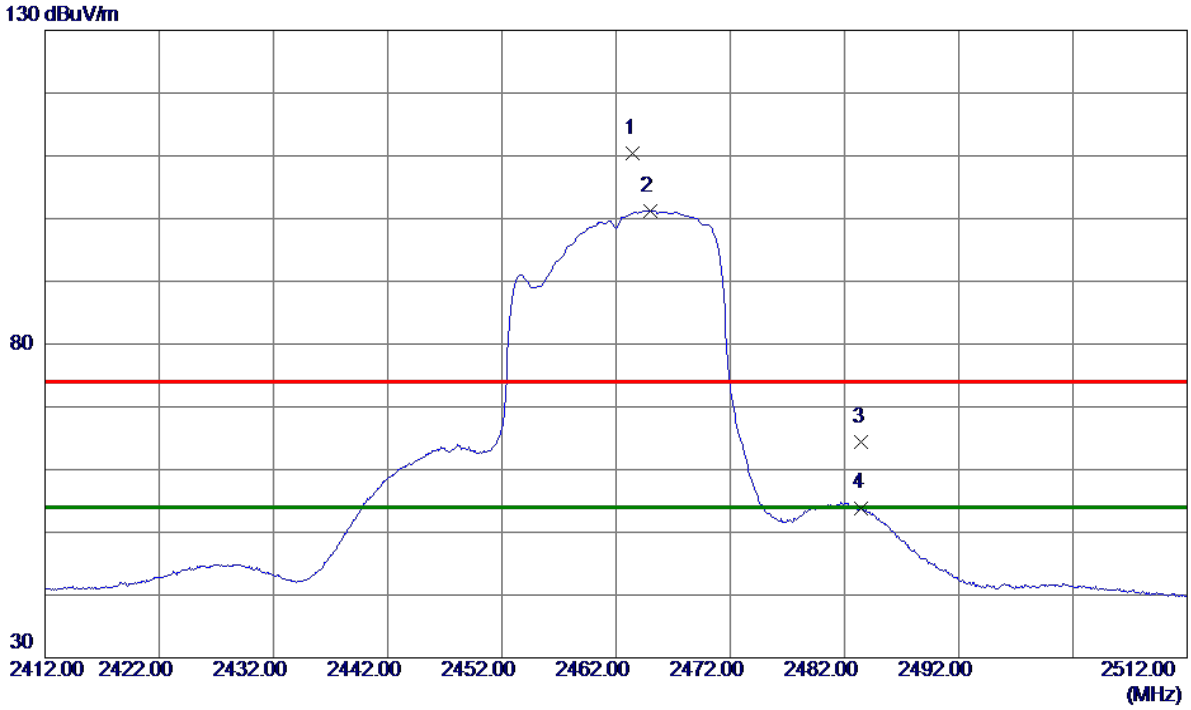
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9823.850	44.21	10.78	54.99	74.00	-19.01	peak	
2	*	9827.800	31.23	10.78	42.01	54.00	-11.99	AVG	

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

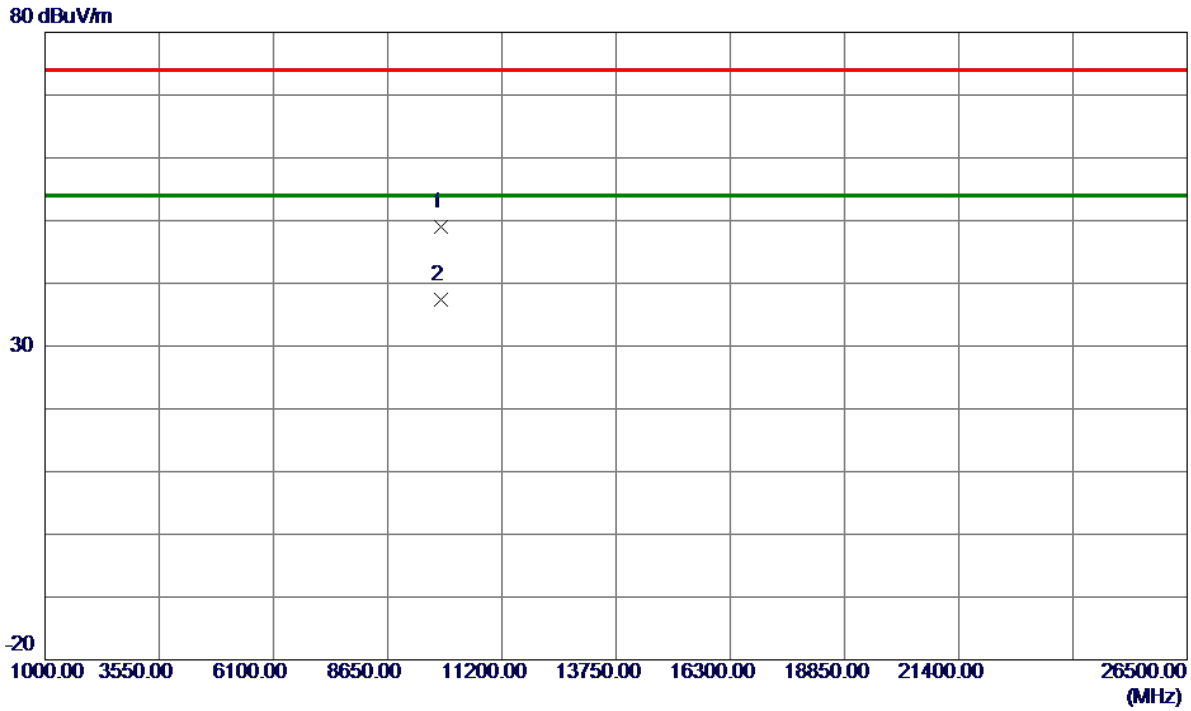
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.5000	103.07	7.33	110.40	74.00	36.40	Peak	No Limit
2 *	2465.0000	93.92	7.33	101.25	54.00	47.25	AVG	No Limit
3	2483.5000	57.00	7.32	64.32	74.00	-9.68	Peak	
4	2483.5000	46.58	7.32	53.90	54.00	-0.10	AVG	

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

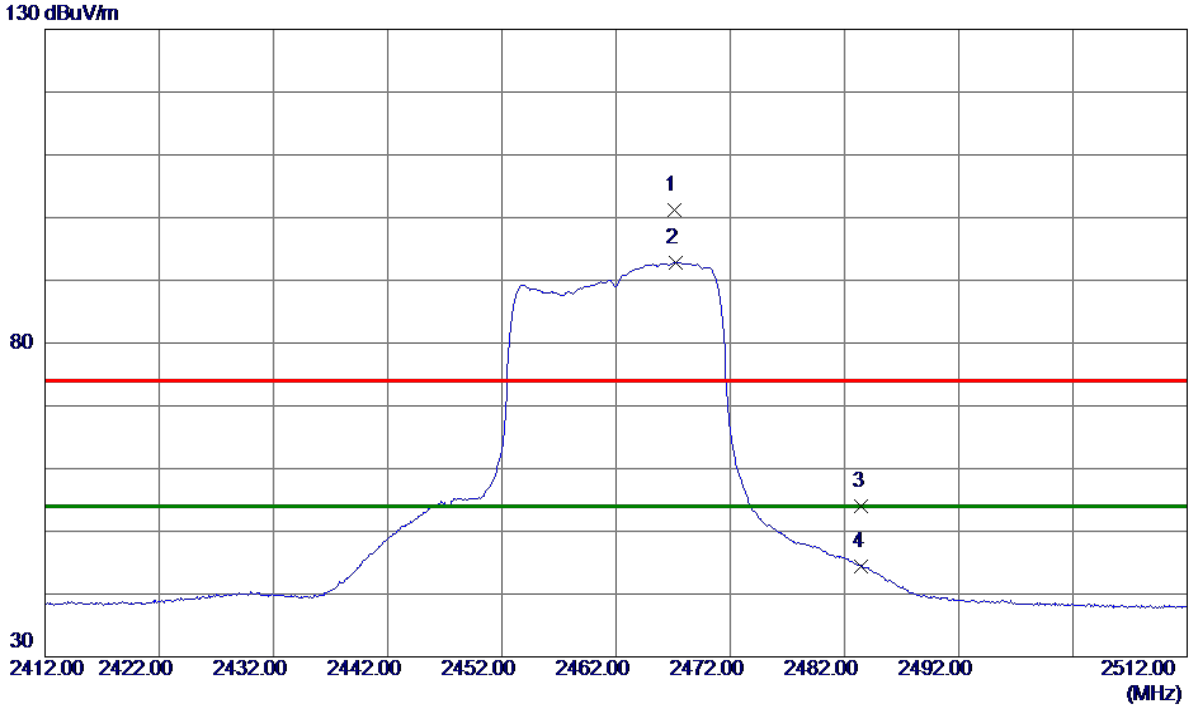
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9847.1150	37.89	11.06	48.95	74.00	-25.05	Peak	
2 *	9847.9470	26.25	11.06	37.31	54.00	-16.69	AVG	

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

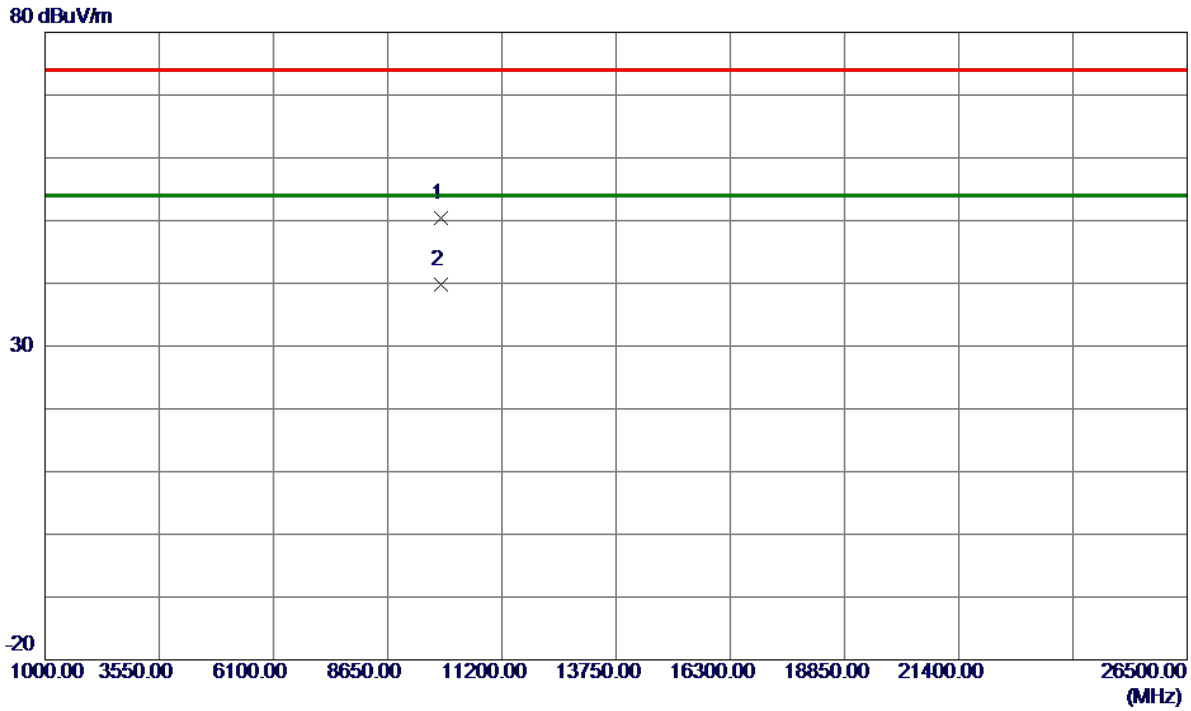
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2467.1000	93.92	7.33	101.25	74.00	27.25	Peak	No Limit
2 *	2467.2000	85.50	7.33	92.83	54.00	38.83	AVG	No Limit
3	2483.5000	46.68	7.32	54.00	74.00	-20.00	Peak	
4	2483.5000	37.03	7.32	44.35	54.00	-9.65	AVG	

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

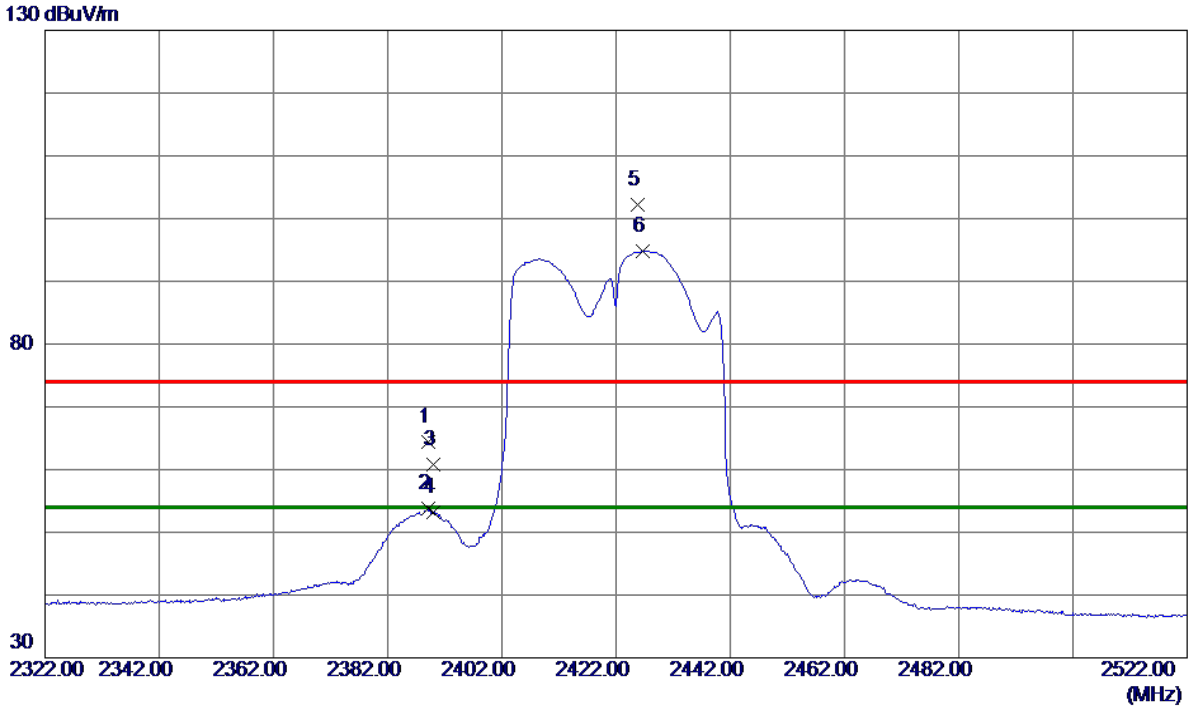
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9845.5000	39.69	10.78	50.47	74.00	-23.53	Peak	
2 *	9847.5500	28.93	10.78	39.71	54.00	-14.29	AVG	

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

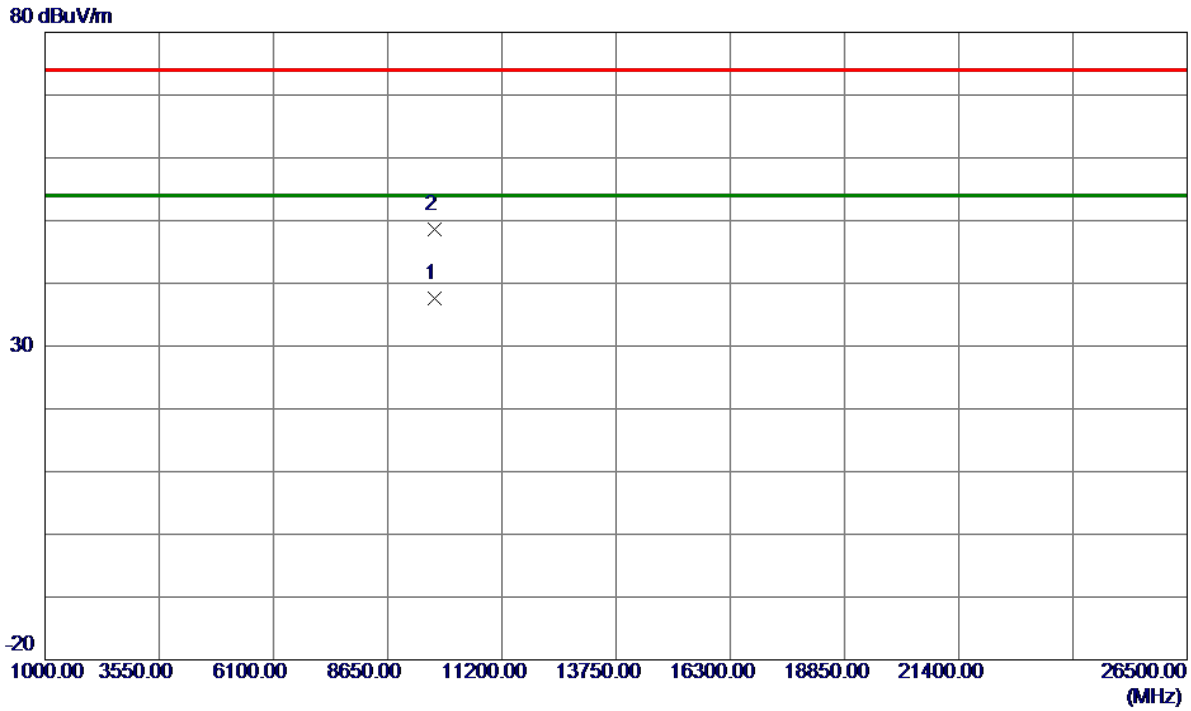
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.1000	57.85	6.62	64.47	74.00	-9.53	Peak	
2	2389.1000	47.09	6.62	53.71	54.00	-0.29	AVG	
3	2390.0000	54.23	6.62	60.85	74.00	-13.15	Peak	
4	2390.0000	46.65	6.62	53.27	54.00	-0.73	AVG	
5	2425.8000	95.62	6.62	102.24	74.00	28.24	Peak	No Limit
6 *	2426.6000	88.27	6.62	94.89	54.00	40.89	AVG	No Limit

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

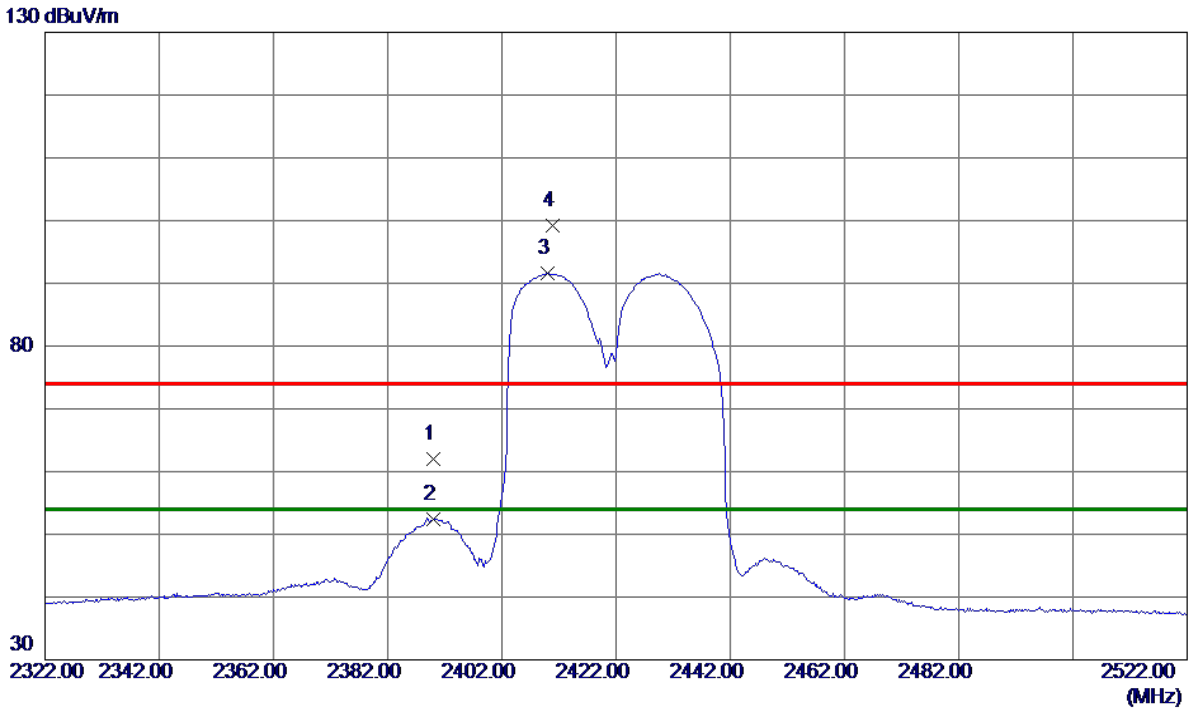
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9688.0210	26.58	11.04	37.62	54.00	-16.38	AVG	
2	9688.1860	37.50	11.04	48.54	74.00	-25.46	Peak	

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

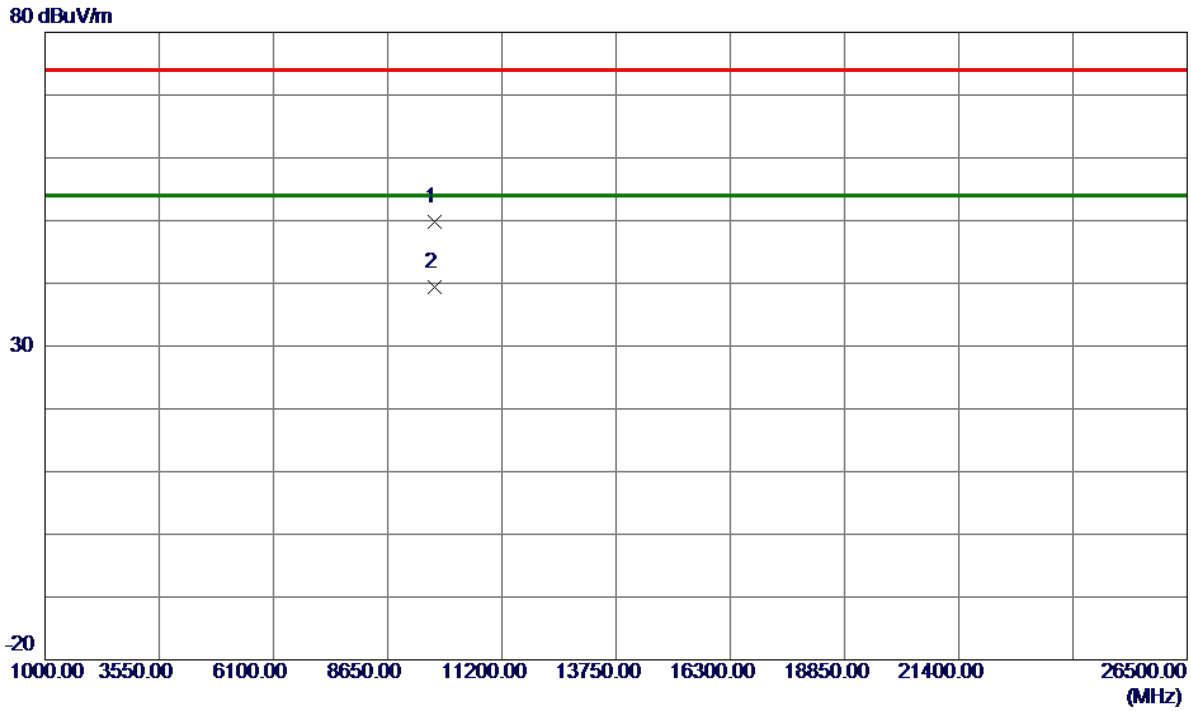
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	54.59	7.39	61.98	74.00	-12.02	Peak	
2	2390.0000	45.00	7.39	52.39	54.00	-1.61	AVG	
3 *	2410.0000	84.20	7.37	91.57	54.00	37.57	AVG	No Limit
4	2410.8000	91.74	7.37	99.11	74.00	25.11	Peak	No Limit

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

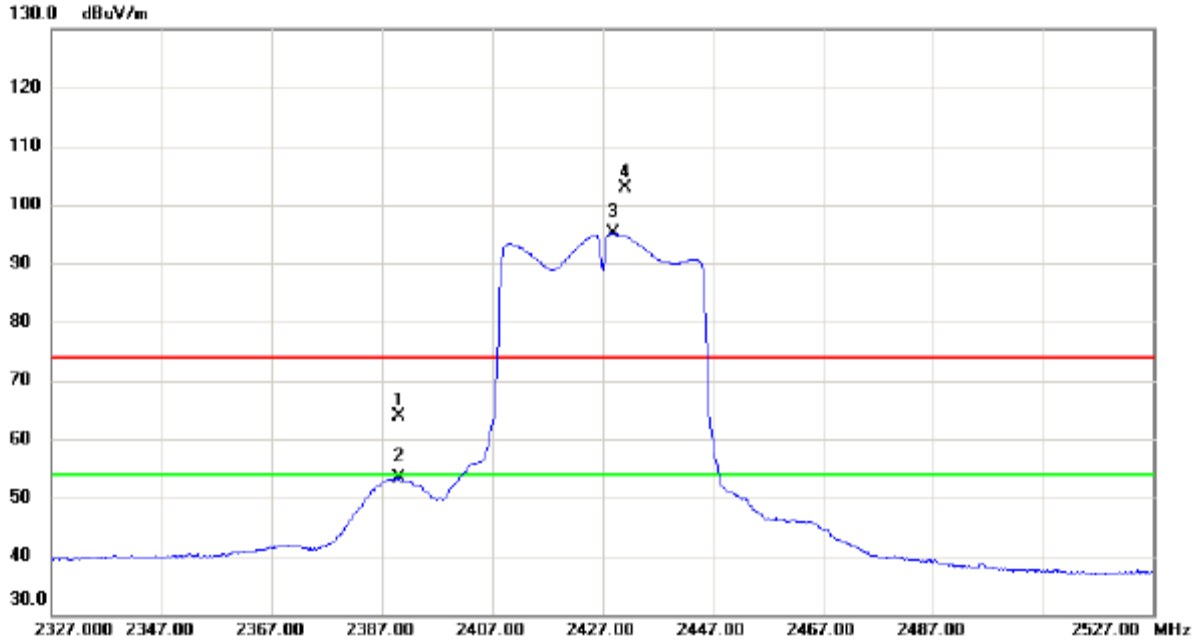
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9687.8980	38.97	10.77	49.74	74.00	-24.26	Peak	
2 *	9687.9780	28.54	10.77	39.31	54.00	-14.69	AVG	

Orthogonal Axis	X
Test Mode:	TX N-40M Mode 2427MHz

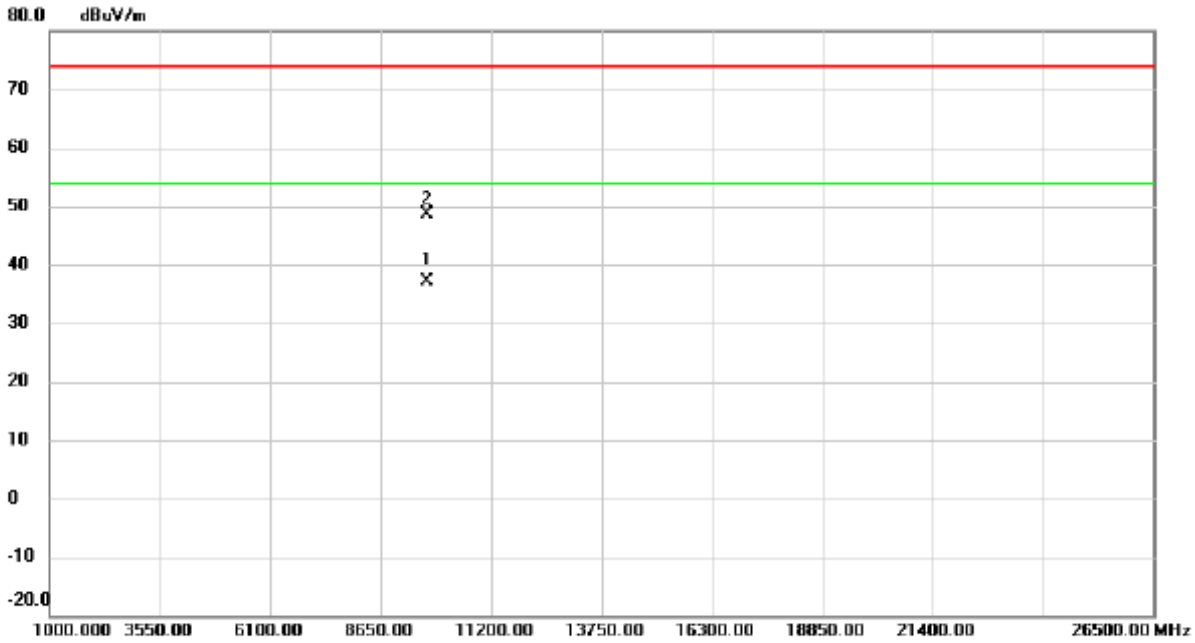
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	57.36	6.62	63.98	74.00	-10.02	peak	
2		2390.000	46.68	6.62	53.30	54.00	-0.70	AVG	
3	*	2428.900	88.55	6.61	95.16	54.00	41.16	AVG	No Limit
4	X	2431.200	96.19	6.61	102.80	74.00	28.80	peak	No Limit

Orthogonal Axis	X
Test Mode:	TX N-40M Mode 2427MHz

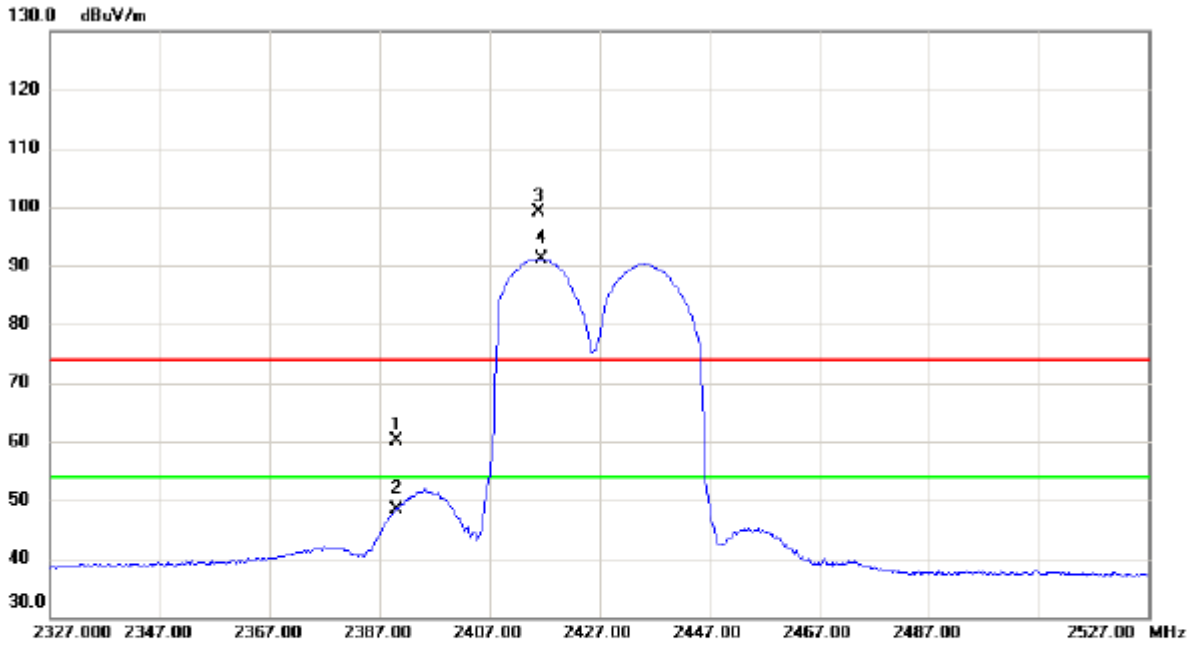
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9707.656	25.99	11.04	37.03	54.00	-16.97	AVG	
2		9707.726	37.66	11.04	48.70	74.00	-25.30	peak	

Orthogonal Axis	X
Test Mode:	TX N-40M Mode 2427MHz

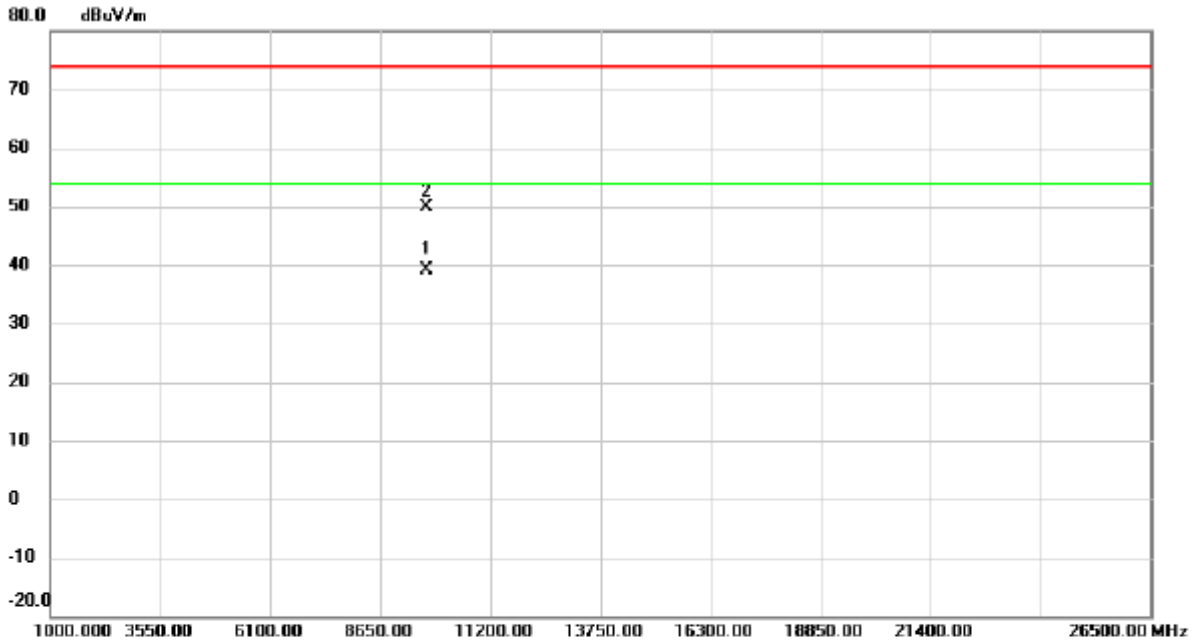
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	52.63	7.38	60.01	74.00	-13.99	peak	
2		2390.000	41.01	7.38	48.39	54.00	-5.61	AVG	
3	X	2415.800	91.77	7.37	99.14	74.00	25.14	peak	No Limit
4	*	2416.400	83.83	7.37	91.20	54.00	37.20	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX N-40M Mode 2427MHz

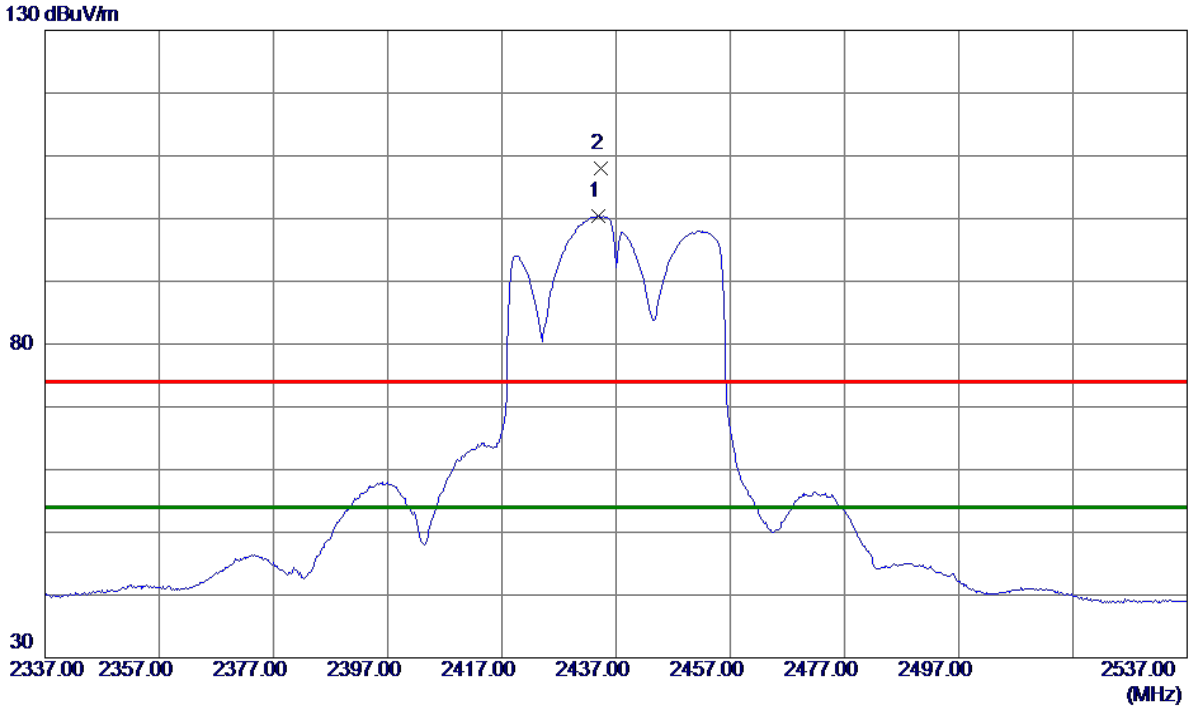
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9707.968	28.37	10.77	39.14	54.00	-14.86	AVG	
2		9708.234	38.99	10.77	49.76	74.00	-24.24	peak	

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

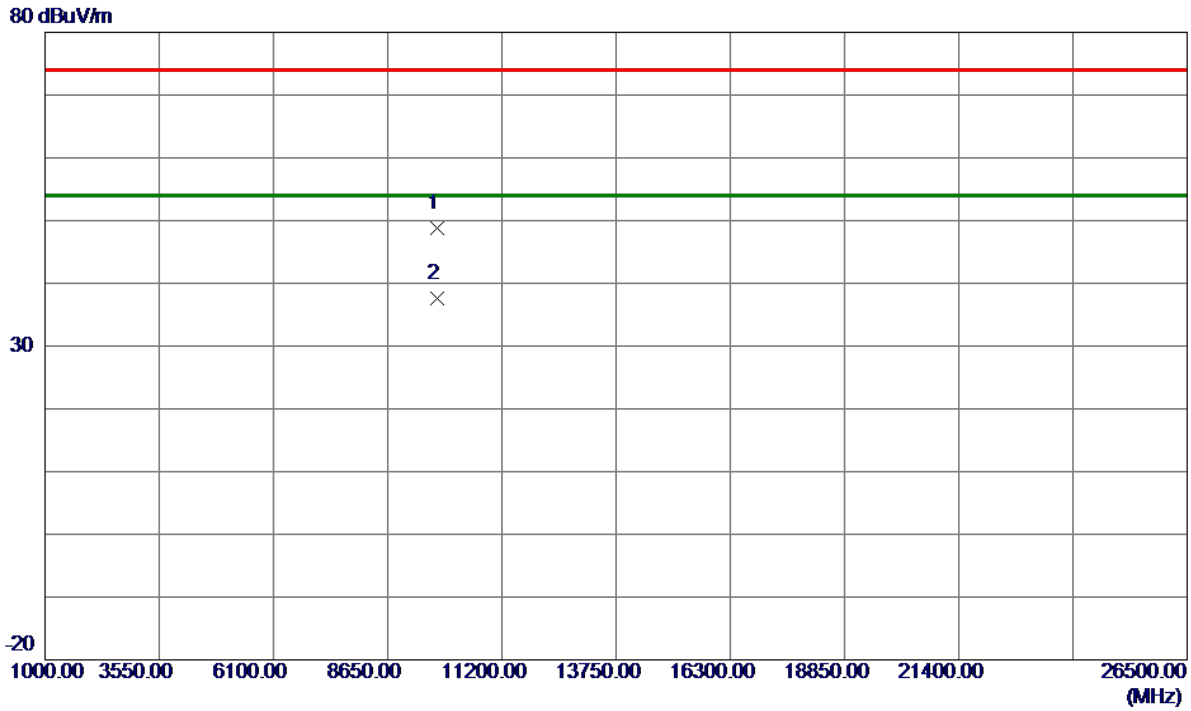
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2433.8000	93.07	7.35	100.42	54.00	46.42	AVG	No Limit
2	2434.4000	100.64	7.35	107.99	74.00	33.99	Peak	No Limit

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

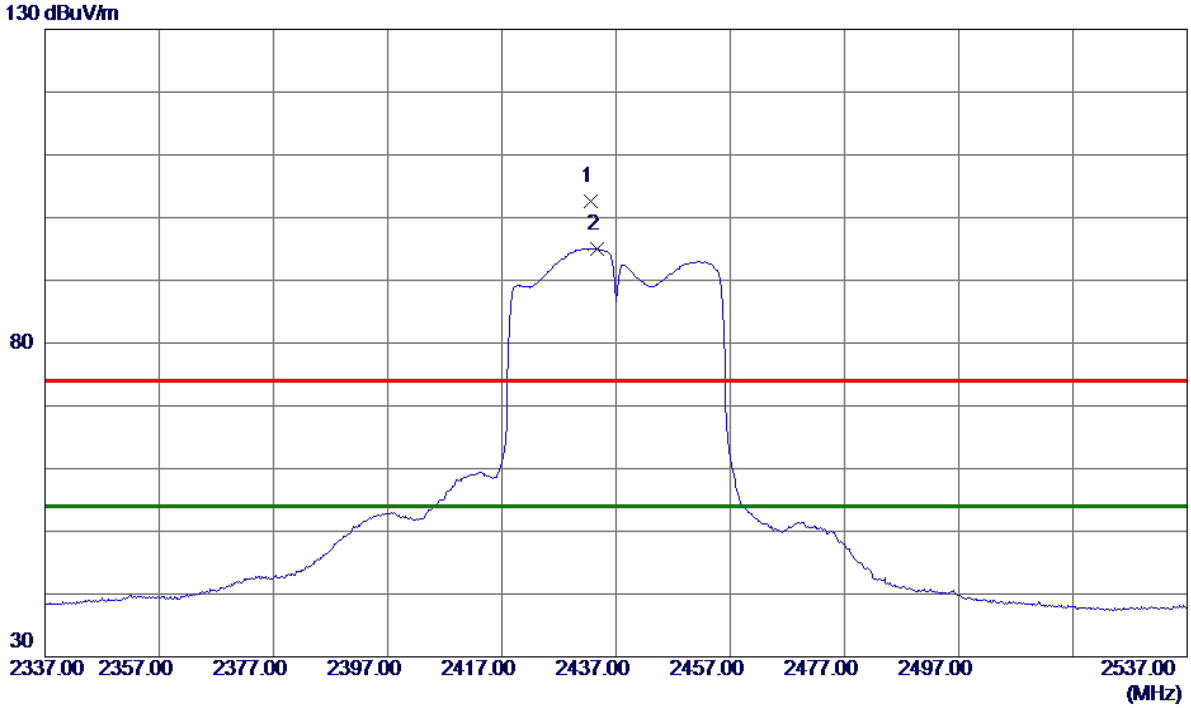
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9747.8600	37.77	11.05	48.82	74.00	-25.18	Peak	
2 *	9747.9680	26.57	11.05	37.62	54.00	-16.38	AVG	

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

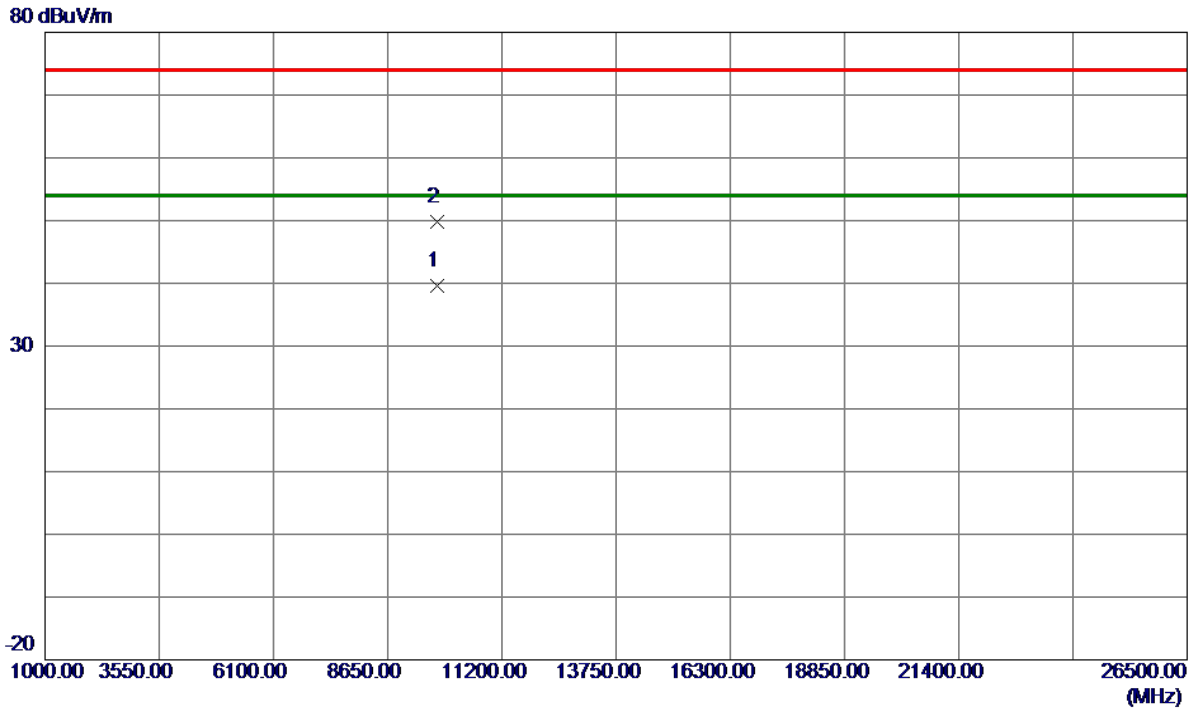
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2432.6000	95.33	7.36	102.69	74.00	28.69	Peak	No Limit
2 *	2433.6000	87.71	7.35	95.06	54.00	41.06	AVG	No Limit

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

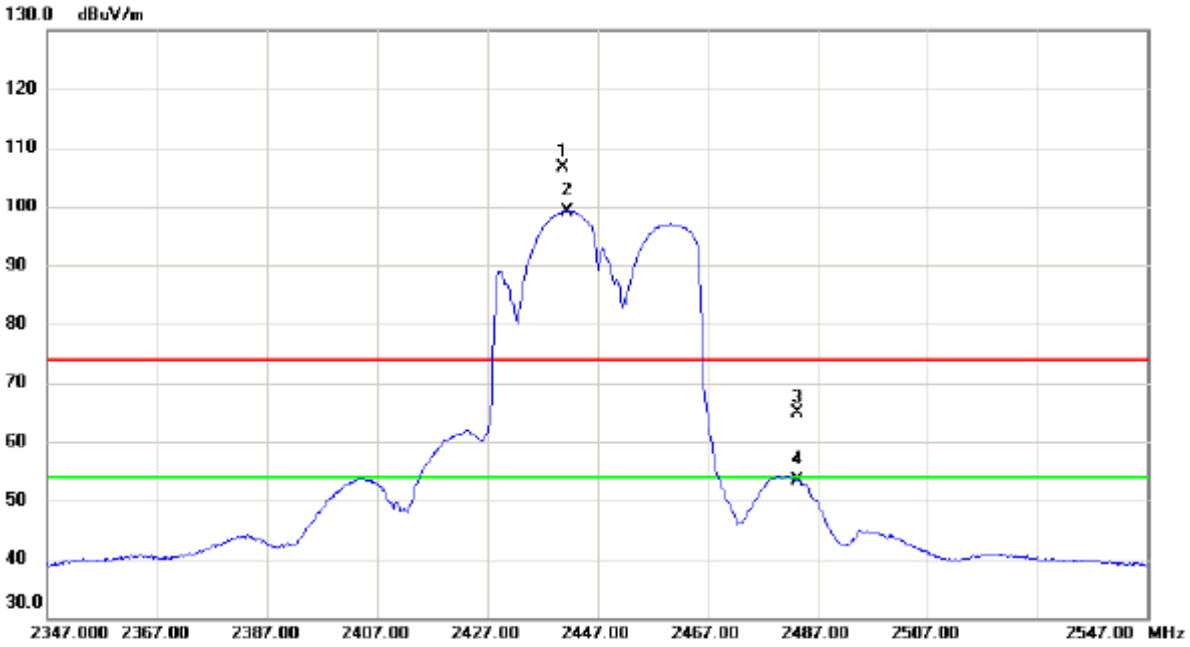
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9747.9940	28.89	10.77	39.66	54.00	-14.34	AVG	
2	9748.0380	39.11	10.77	49.88	74.00	-24.12	Peak	

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

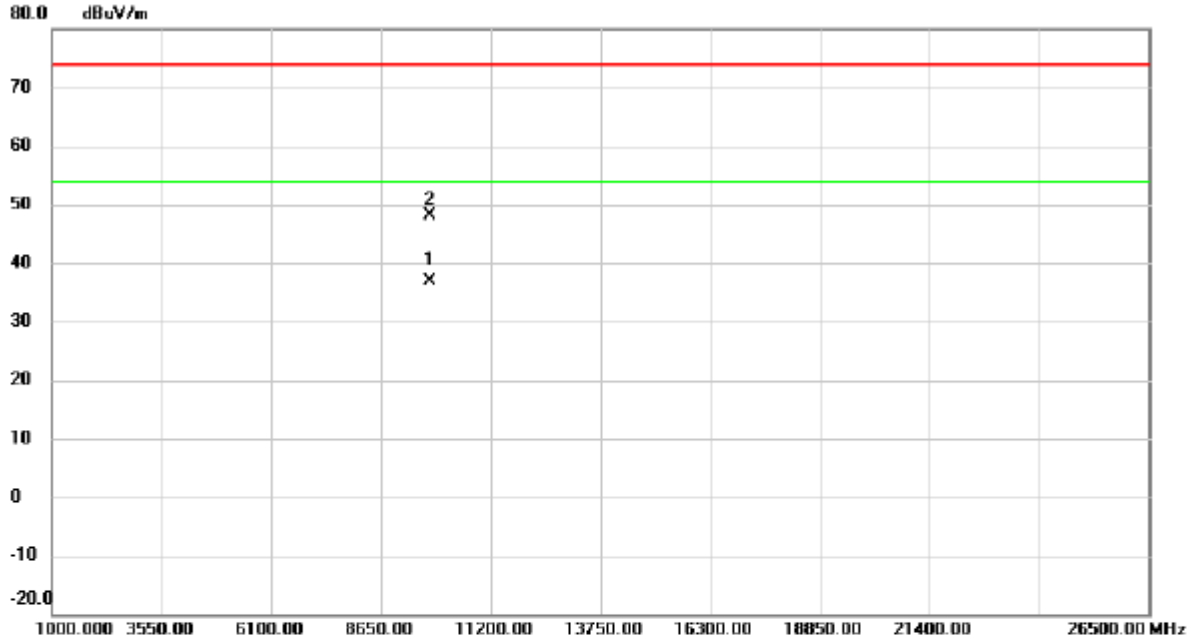
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2440.800	99.22	7.34	106.56	74.00	32.56	peak	No Limit
2	*	2441.400	91.88	7.34	99.22	54.00	45.22	AVG	No Limit
3		2483.500	57.56	7.32	64.88	74.00	-9.12	peak	
4		2483.500	46.00	7.32	53.32	54.00	-0.68	AVG	

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

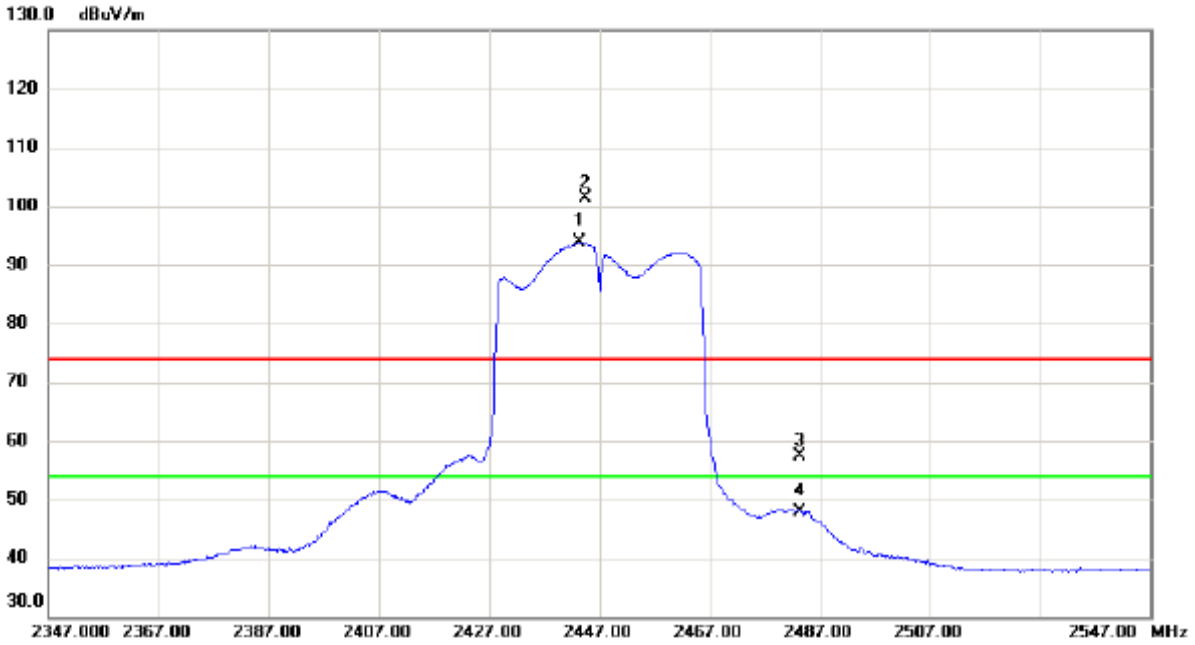
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9787.860	25.84	11.05	36.89	54.00	-17.11	AVG	
2		9788.891	37.08	11.05	48.13	74.00	-25.87	peak	

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

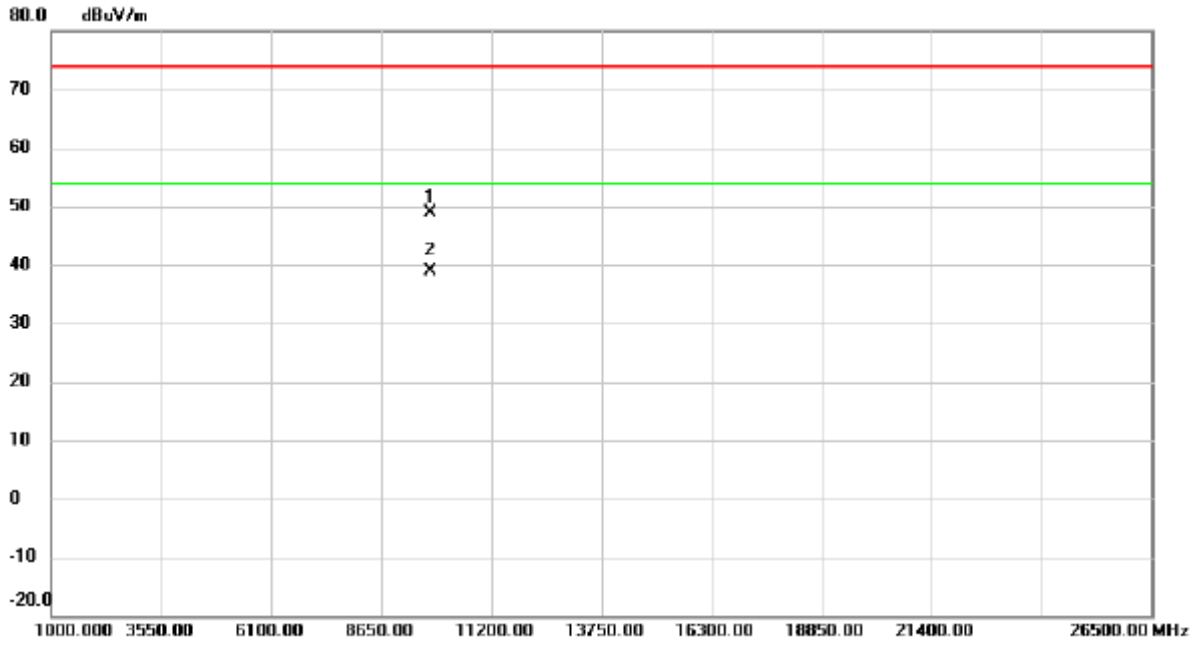
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2443.400	86.42	7.34	93.76	54.00	39.76	AVG	No Limit
2	X	2444.400	94.11	7.35	101.46	74.00	27.46	peak	No Limit
3		2483.500	50.05	7.32	57.37	74.00	-16.63	peak	
4		2483.500	40.57	7.32	47.89	54.00	-6.11	AVG	

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

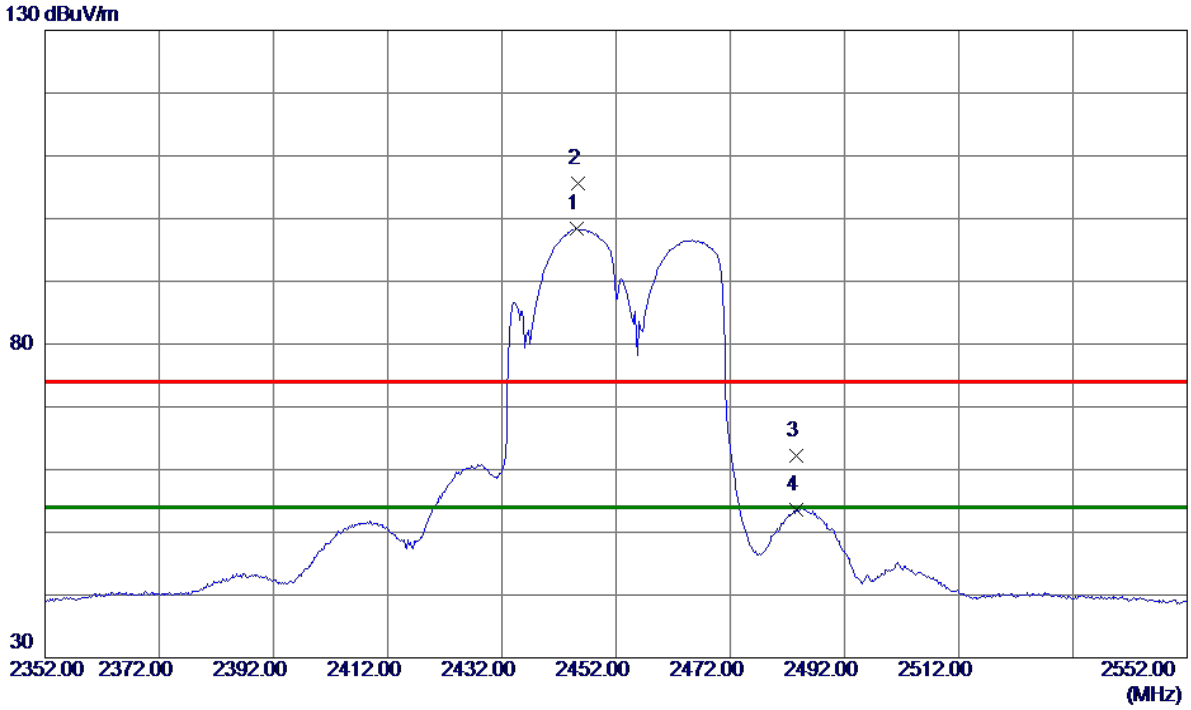
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9787.814	38.10	10.77	48.87	74.00	-25.13	peak	
2	*	9787.922	28.00	10.77	38.77	54.00	-15.23	AVG	

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

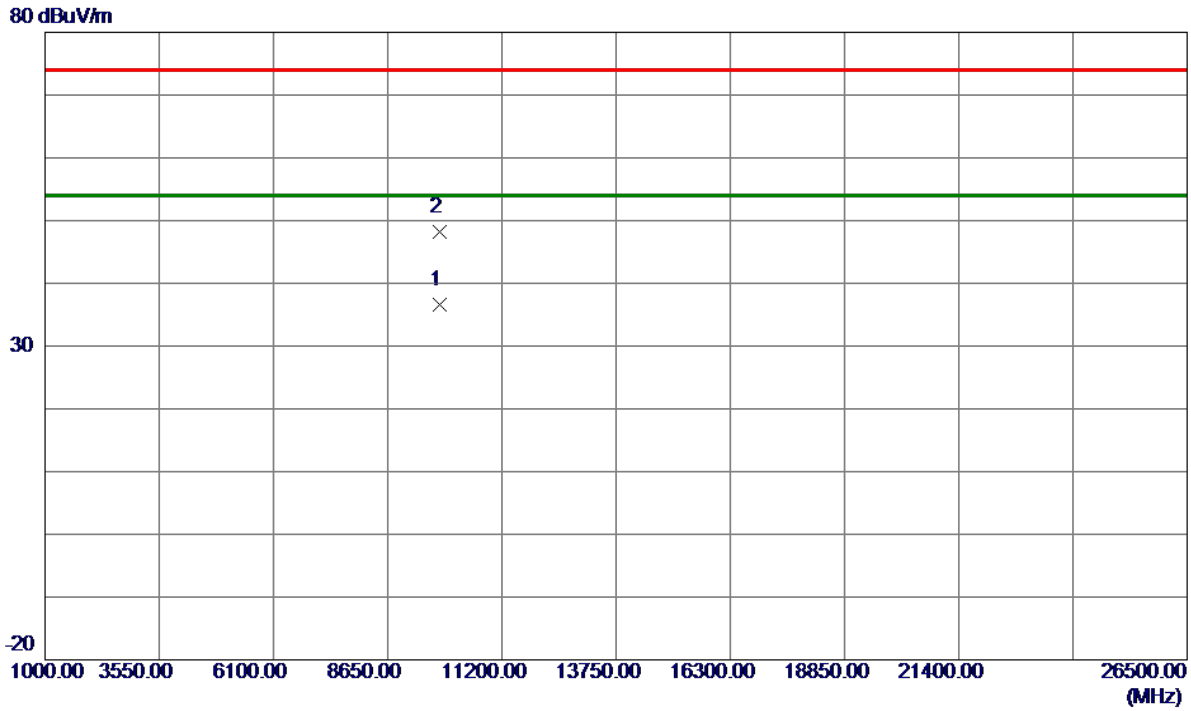
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2445.2000	90.99	7.35	98.34	54.00	44.34	AVG	No Limit
2	2445.4000	98.33	7.35	105.68	74.00	31.68	Peak	No Limit
3	2483.5000	54.81	7.32	62.13	74.00	-11.87	Peak	
4	2483.5000	46.37	7.32	53.69	54.00	-0.31	AVG	

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

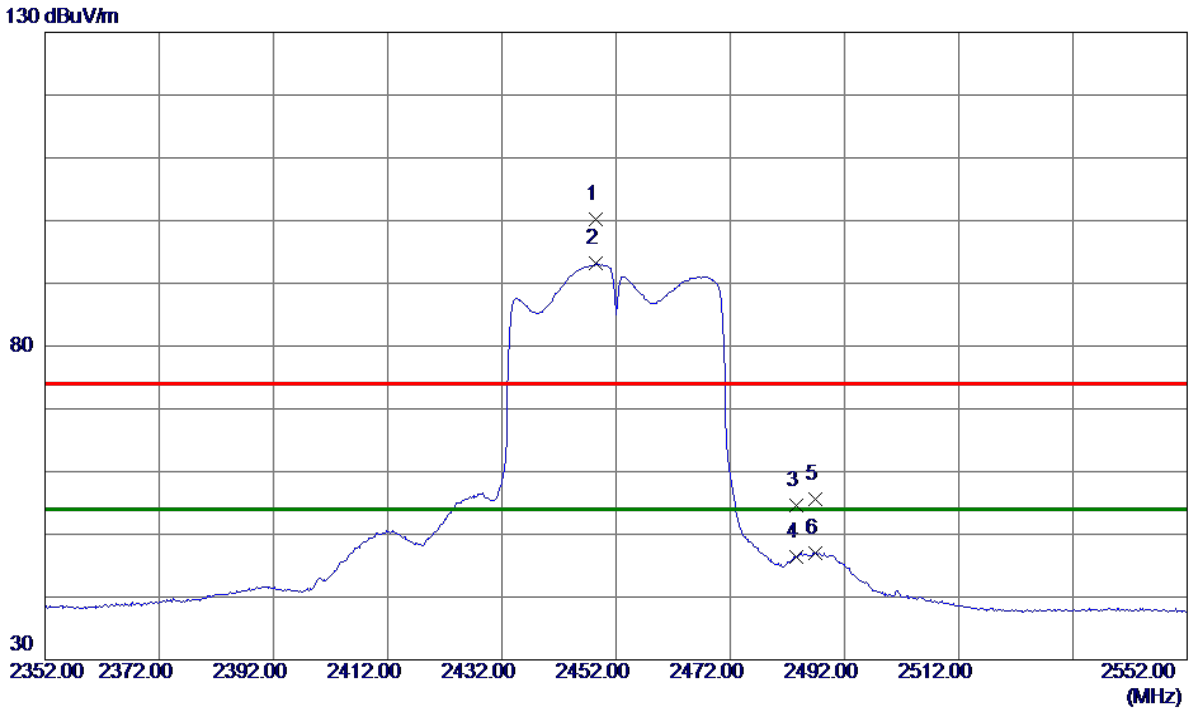
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9808.0670	25.50	11.06	36.56	54.00	-17.44	AVG	
2	9808.0790	37.16	11.06	48.22	74.00	-25.78	Peak	

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

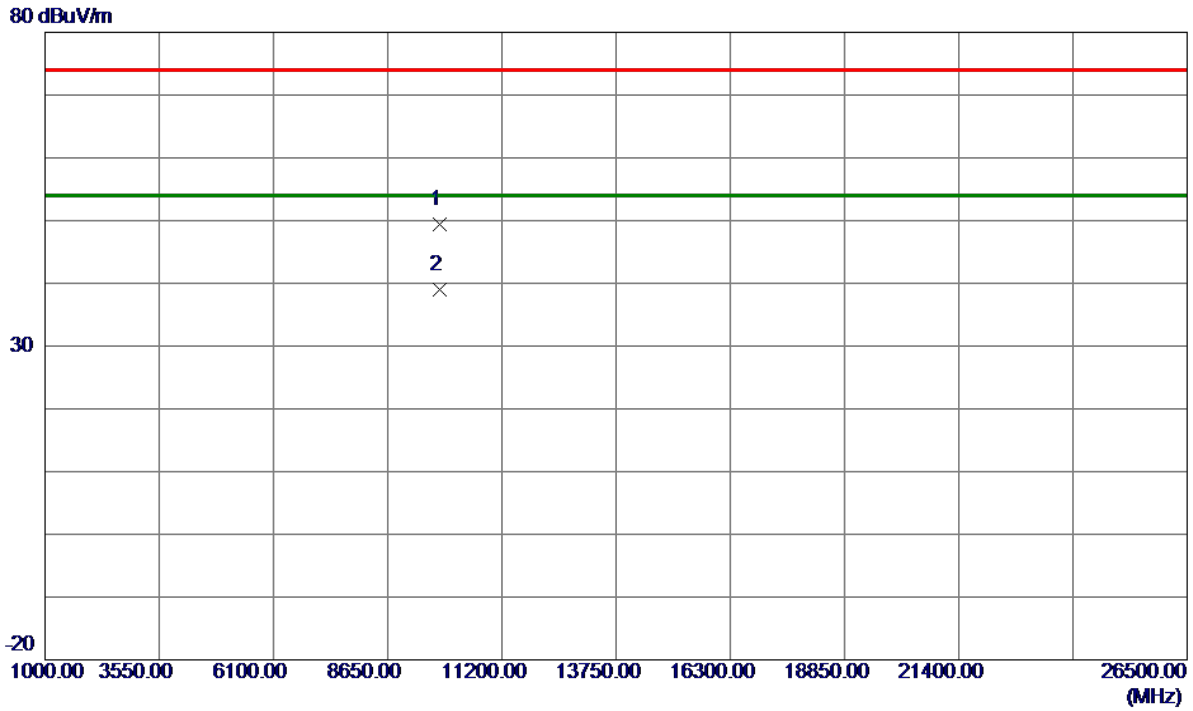
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2448.4000	92.90	7.34	100.24	74.00	26.24	Peak	No Limit
2 *	2448.4000	85.80	7.34	93.14	54.00	39.14	AVG	No Limit
3	2483.5000	47.23	7.32	54.55	74.00	-19.45	Peak	
4	2483.5000	39.01	7.32	46.33	54.00	-7.67	AVG	
5	2486.8000	48.28	7.31	55.59	74.00	-18.41	Peak	
6	2486.8000	39.74	7.31	47.05	54.00	-6.95	AVG	

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

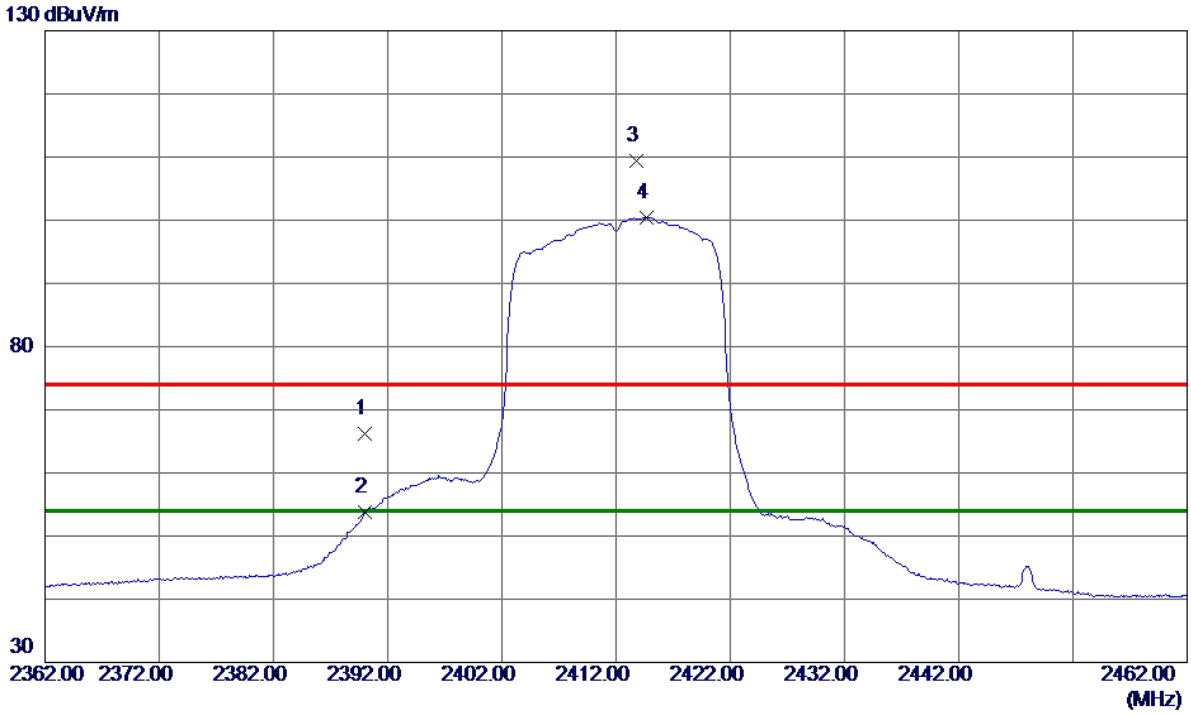
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9807.8800	38.65	10.78	49.43	74.00	-24.57	Peak	
2 *	9807.9240	28.25	10.78	39.03	54.00	-14.97	AVG	

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

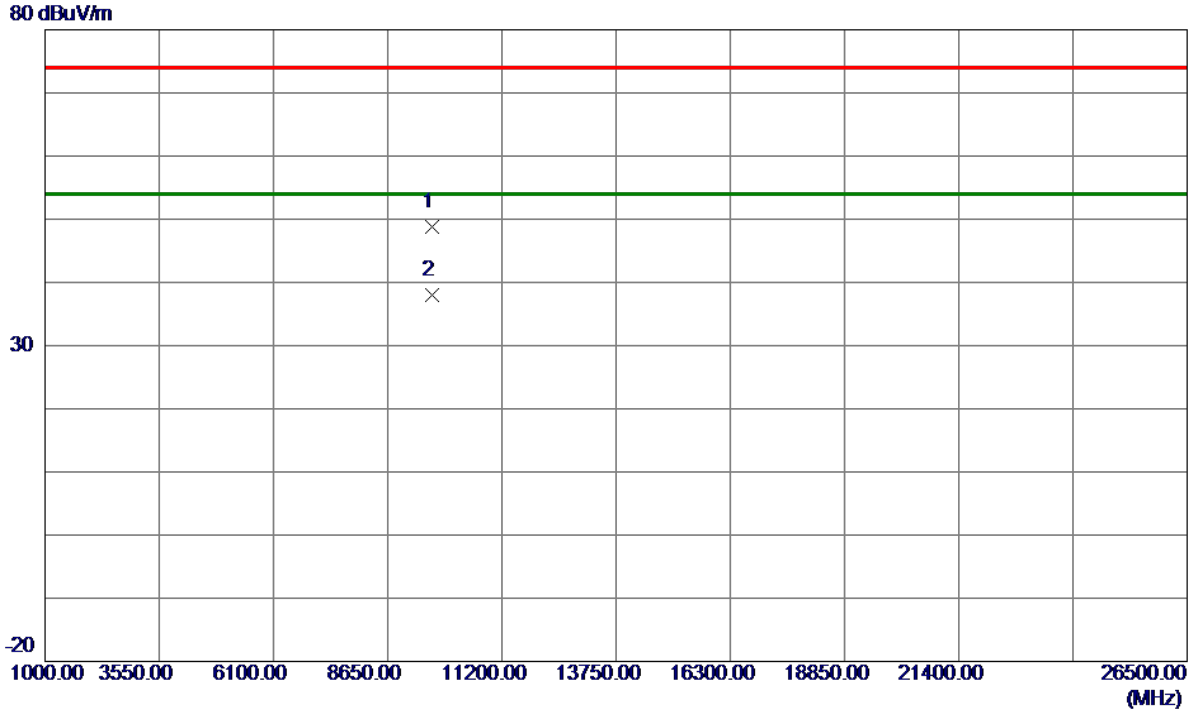
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	58.83	7.39	66.22	74.00	-7.78	Peak	
2	2390.0000	46.33	7.39	53.72	54.00	-0.28	AVG	
3	2413.8000	102.01	7.37	109.38	74.00	35.38	Peak	No Limit
4 *	2414.7000	93.05	7.37	100.42	54.00	46.42	AVG	No Limit

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

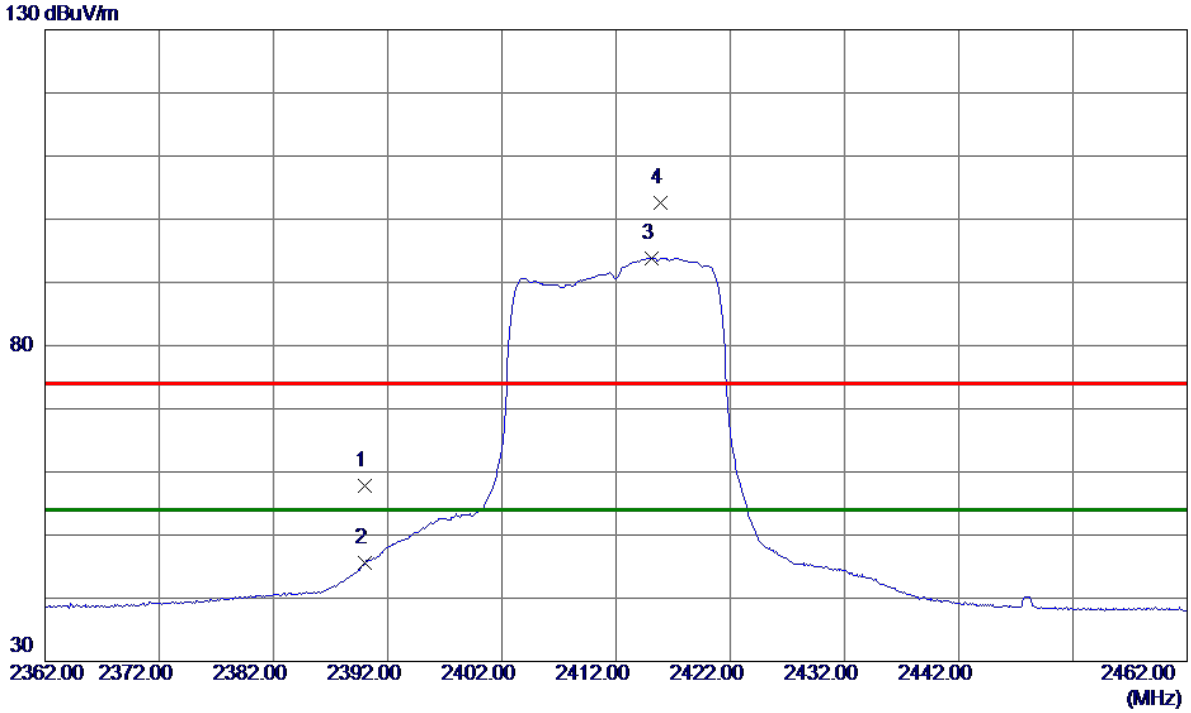
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9647.7730	37.76	11.03	48.79	74.00	-25.21	Peak	
2 *	9647.9530	26.91	11.03	37.94	54.00	-16.06	AVG	

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

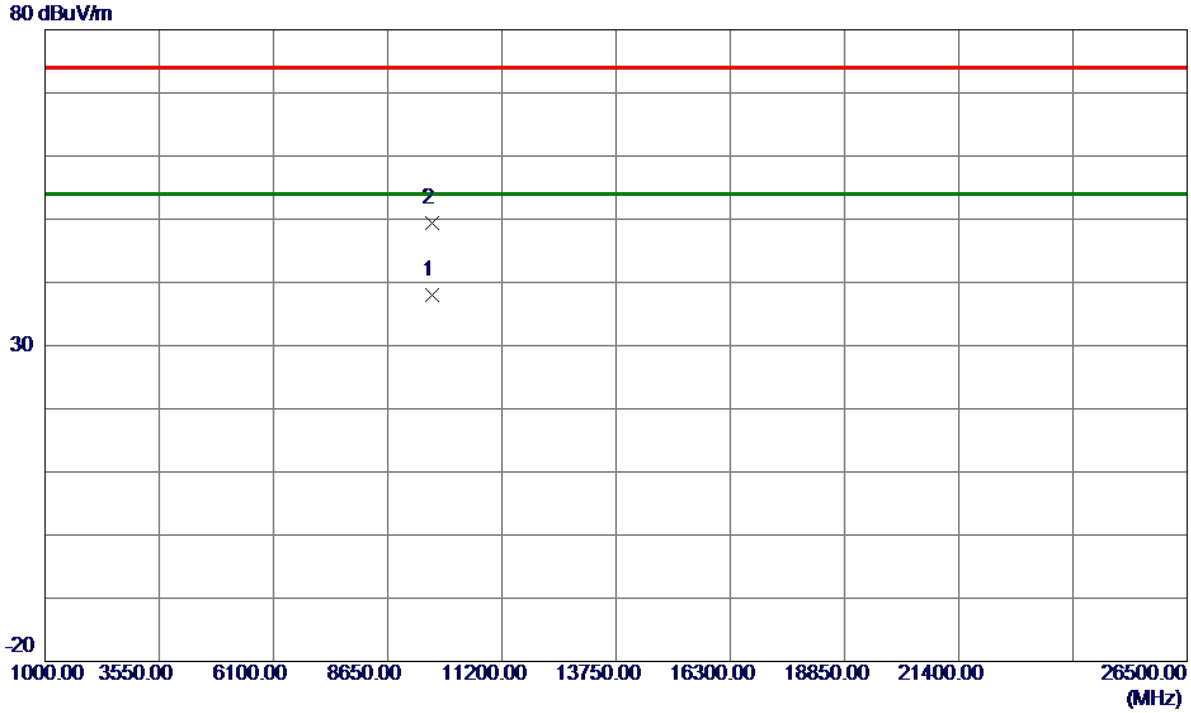
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	50.33	7.39	57.72	74.00	-16.28	Peak	
2	2390.0000	38.25	7.39	45.64	54.00	-8.36	AVG	
3 *	2415.1000	86.50	7.37	93.87	54.00	39.87	AVG	No Limit
4	2415.9000	95.26	7.37	102.63	74.00	28.63	Peak	No Limit

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

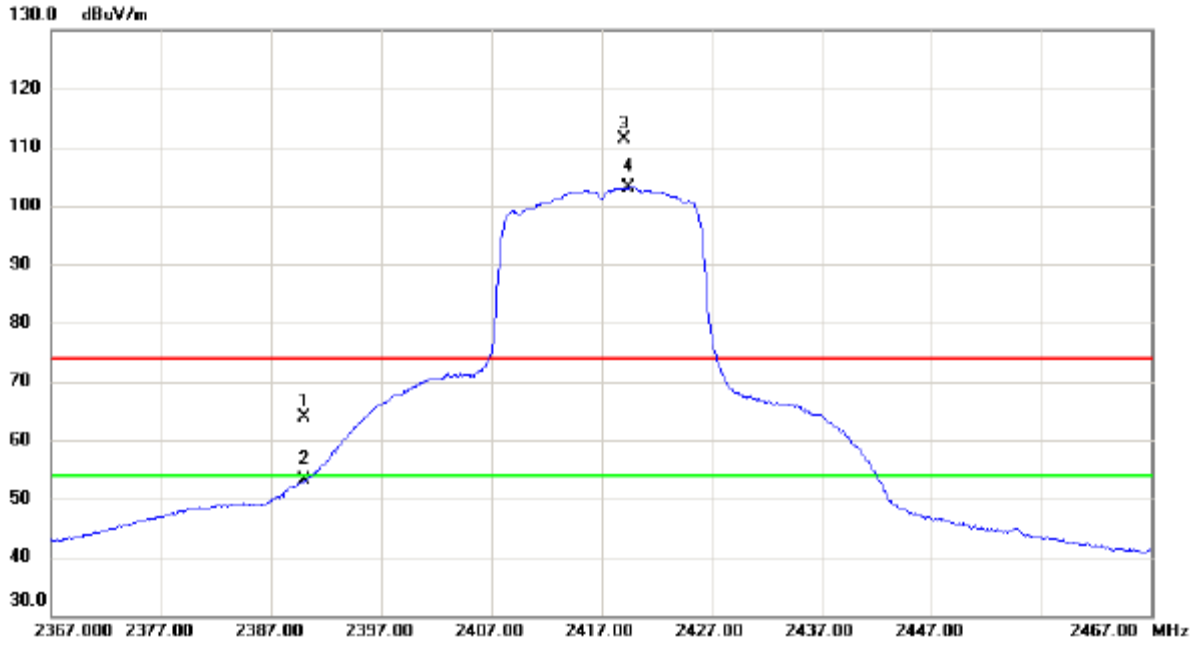
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9647.8500	27.25	10.77	38.02	54.00	-15.98	AVG	
2	9650.4500	38.72	10.77	49.49	74.00	-24.51	Peak	

Orthogonal Axis	X
Test Mode:	TX VHT-20M Mode 2417 MHz

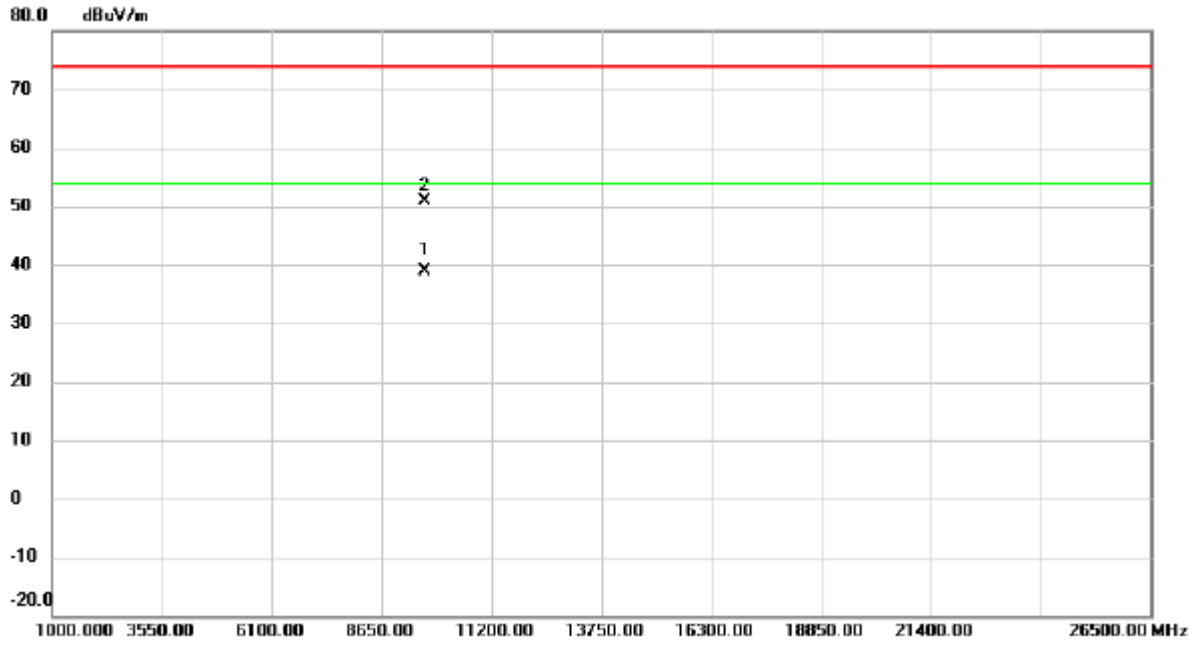
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	56.46	7.38	63.84	74.00	-10.16	peak	
2		2390.000	45.76	7.38	53.14	54.00	-0.86	AVG	
3	X	2419.000	103.9	7.37	111.30	74.00	37.30	peak	No Limit
4	*	2419.500	95.72	7.37	103.09	54.00	49.09	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX VHT-20M Mode 2417 MHz

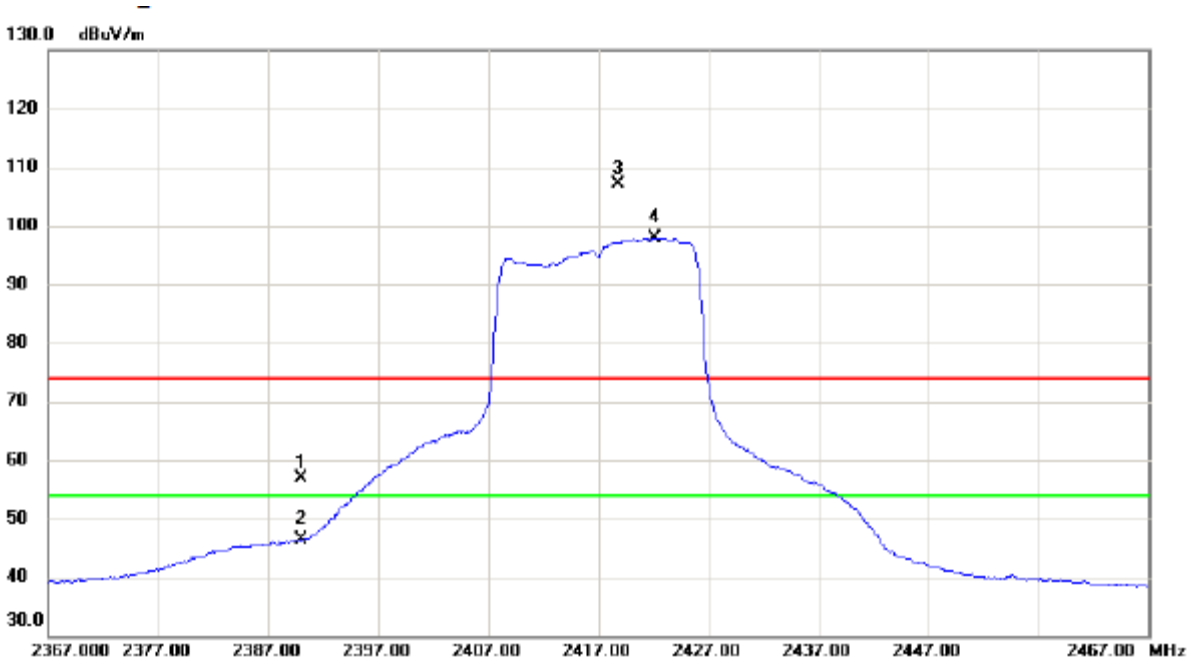
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9667.912	27.84	11.03	38.87	54.00	-15.13	AVG	
2		9668.245	39.80	11.03	50.83	74.00	-23.17	peak	

Orthogonal Axis	X
Test Mode:	TX VHT-20M Mode 2417 MHz

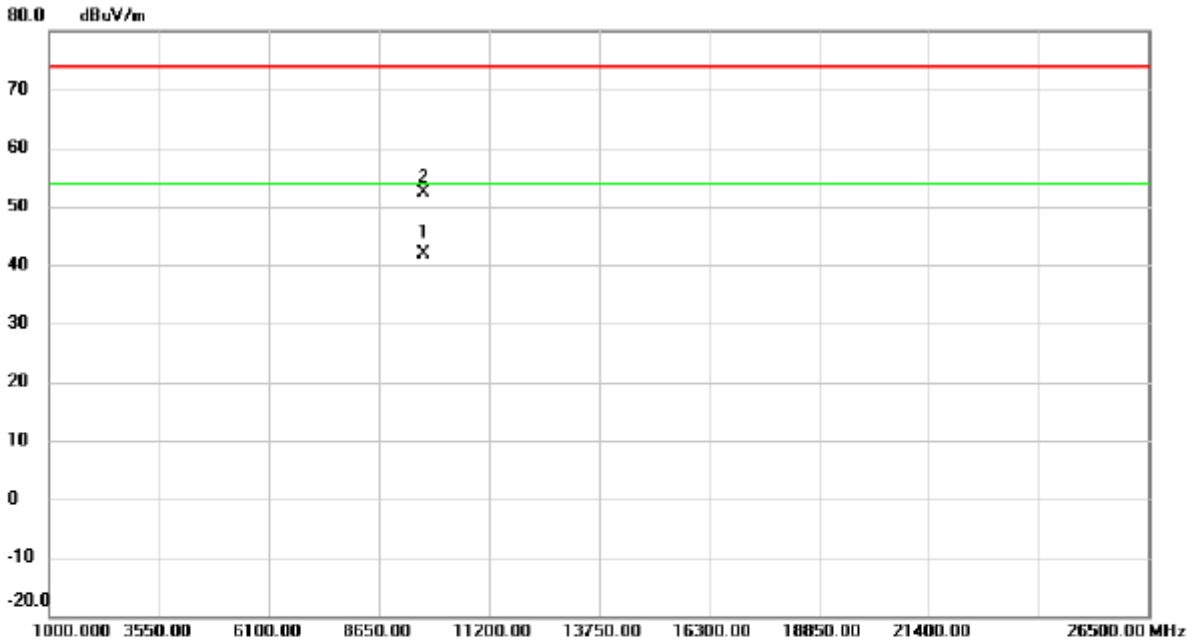
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	49.57	7.38	56.95	74.00	-17.05	peak	
2		2390.000	38.93	7.38	46.31	54.00	-7.69	AVG	
3	X	2418.800	99.67	7.37	107.04	74.00	33.04	peak	No Limit
4	*	2422.200	90.62	7.37	97.99	54.00	43.99	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX VHT-20M Mode 2417 MHz

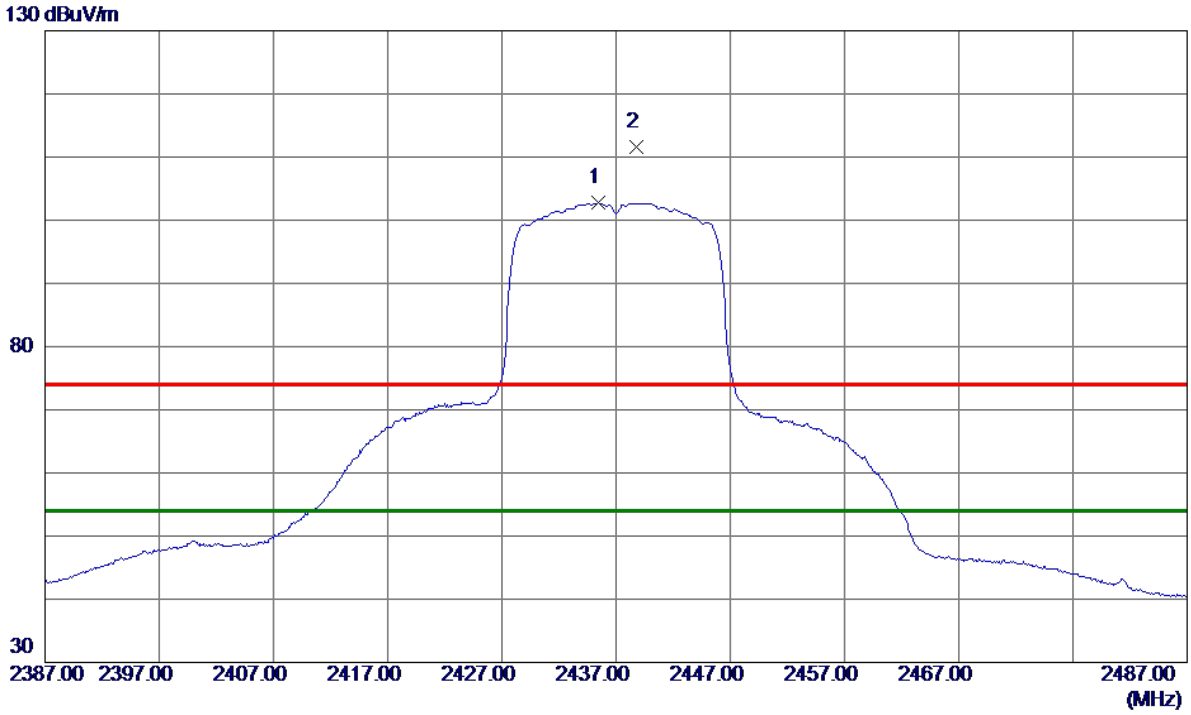
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9671.450	31.06	10.76	41.82	54.00	-12.18	AVG	
2		9671.600	41.61	10.76	52.37	74.00	-21.63	peak	

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

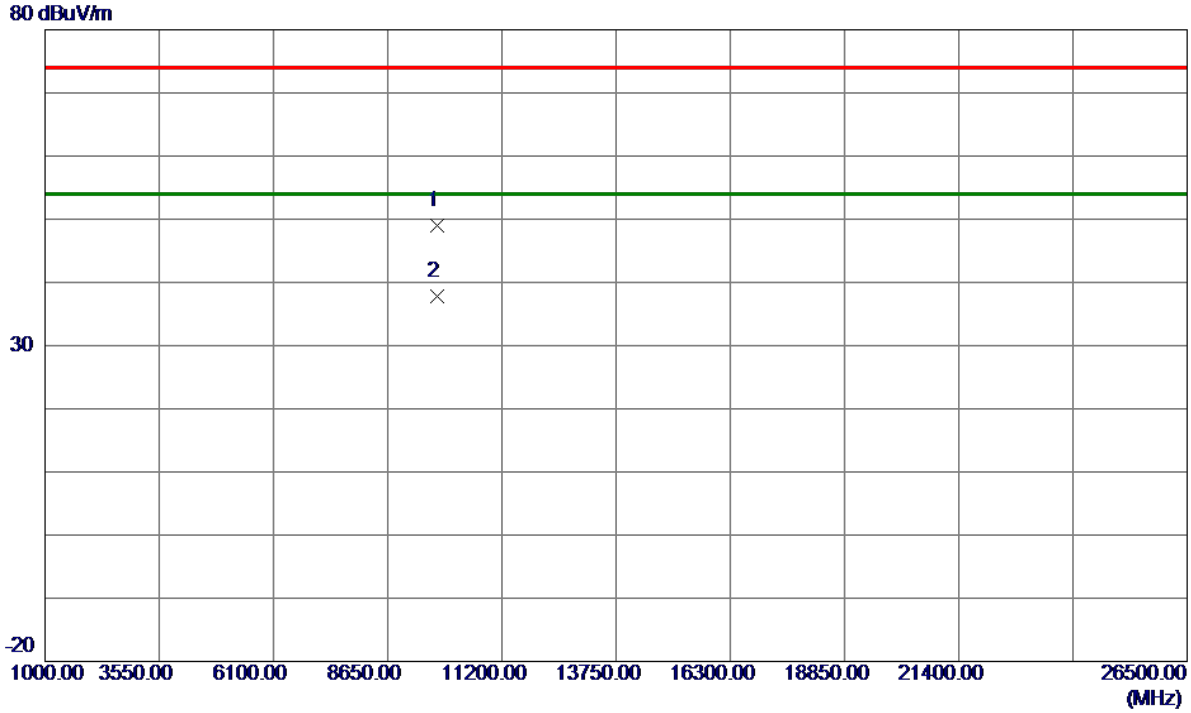
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2435.4000	95.36	7.35	102.71	54.00	48.71	AVG	No Limit
2	2438.8000	104.24	7.35	111.59	74.00	37.59	Peak	No Limit

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

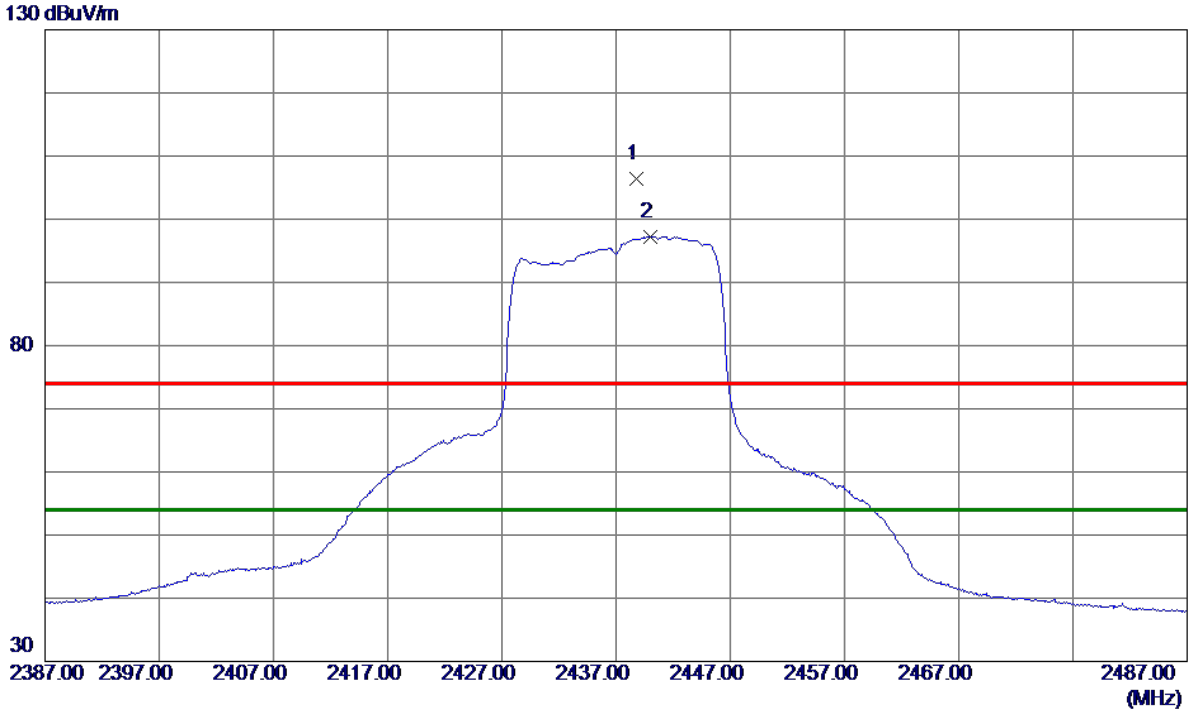
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9747.8170	38.04	11.05	49.09	74.00	-24.91	Peak	
2 *	9747.8789	26.79	11.05	37.84	54.00	-16.16	AVG	

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

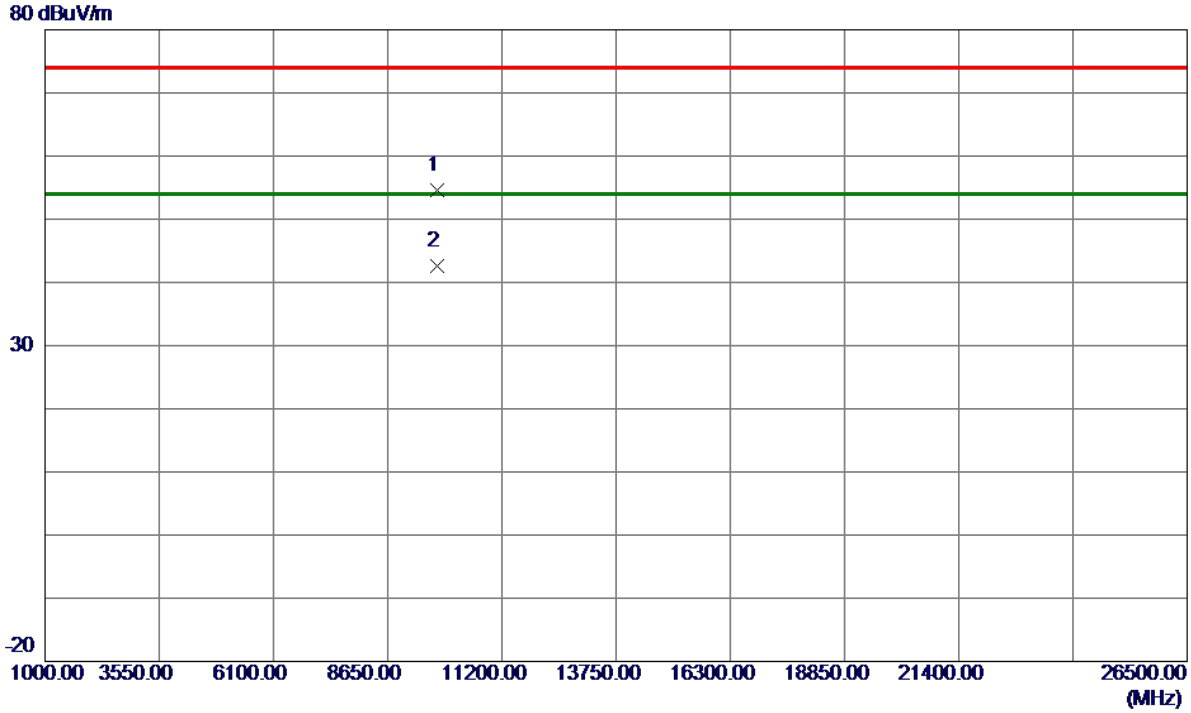
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2438.8000	99.13	7.35	106.48	74.00	32.48	Peak	No Limit
2 *	2440.0000	89.88	7.35	97.23	54.00	43.23	AVG	No Limit

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

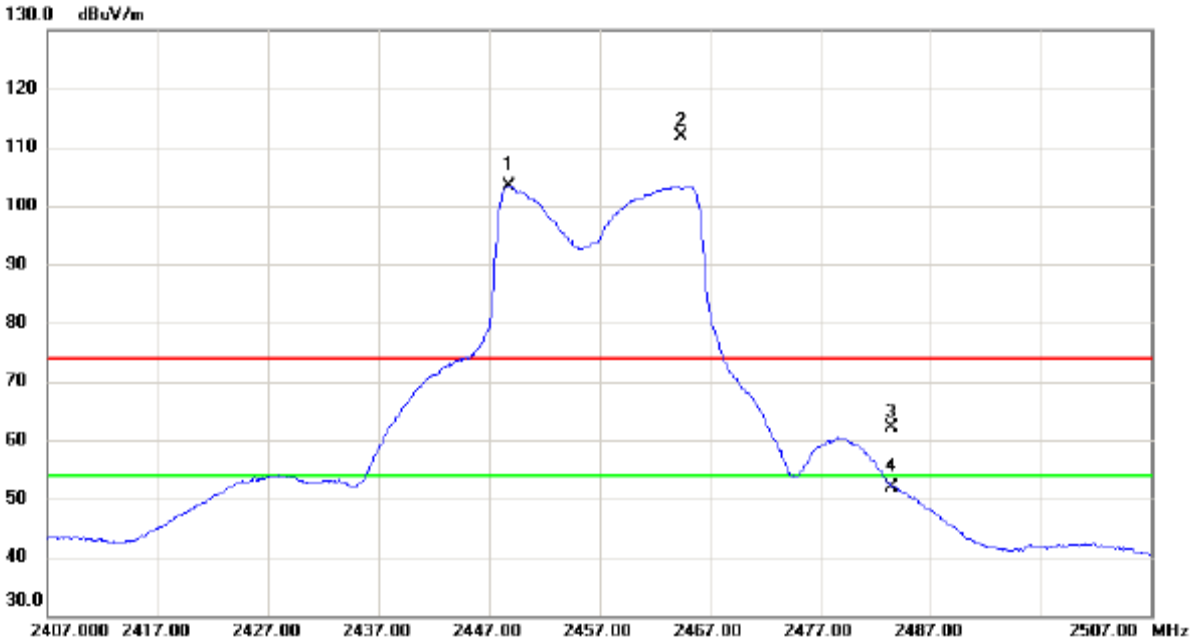
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9743.7000	43.80	10.77	54.57	74.00	-19.43	Peak	
2 *	9747.5500	31.76	10.77	42.53	54.00	-11.47	AVG	

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

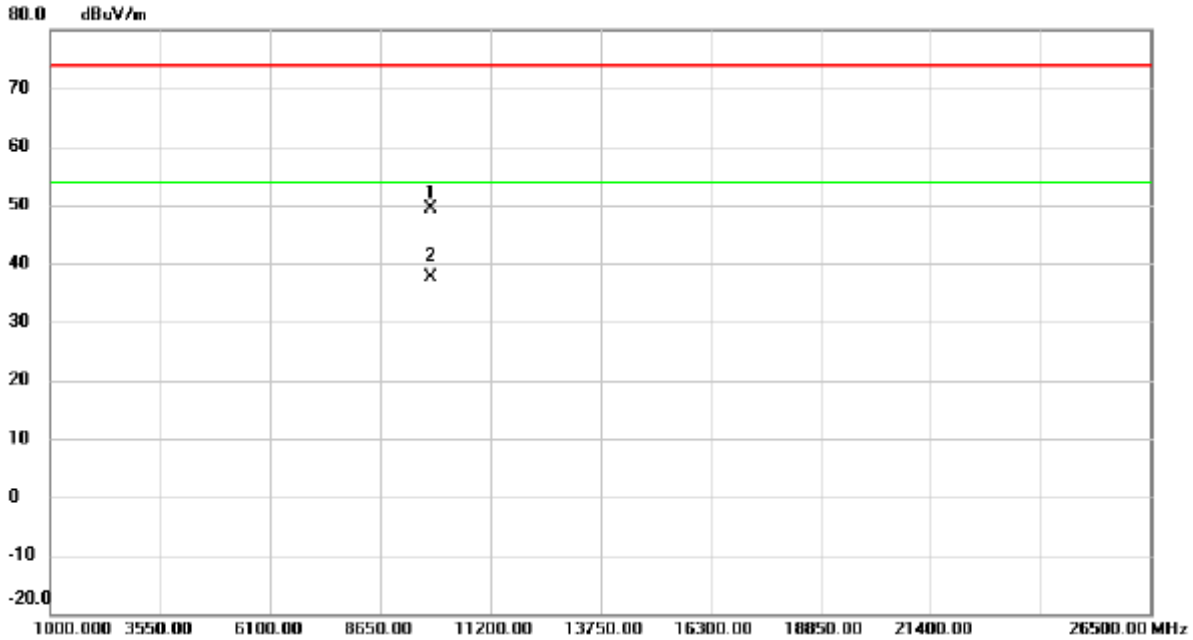
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2448.800	96.03	7.34	103.37	54.00	49.37	AVG	No Limit
2	X	2464.400	104.6	7.33	111.98	74.00	37.98	peak	No Limit
3		2483.500	54.91	7.32	62.23	74.00	-11.77	peak	
4		2483.500	44.62	7.32	51.94	54.00	-2.06	AVG	

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

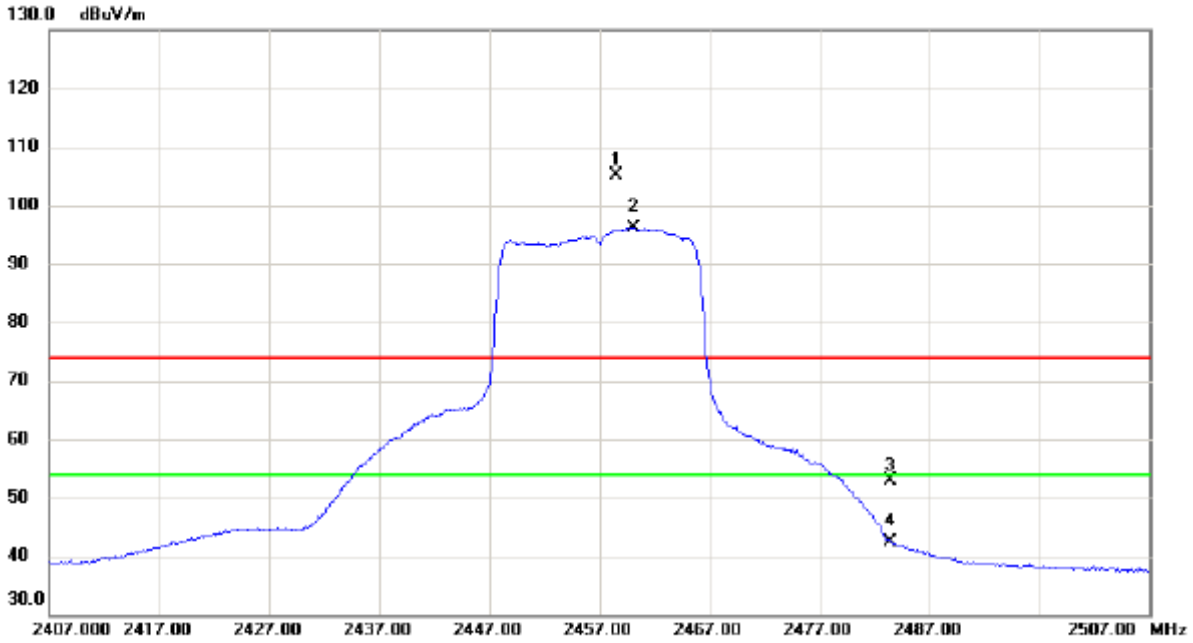
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9827.599	38.39	11.06	49.45	74.00	-24.55	peak	
2	*	9827.892	26.61	11.06	37.67	54.00	-16.33	AVG	

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

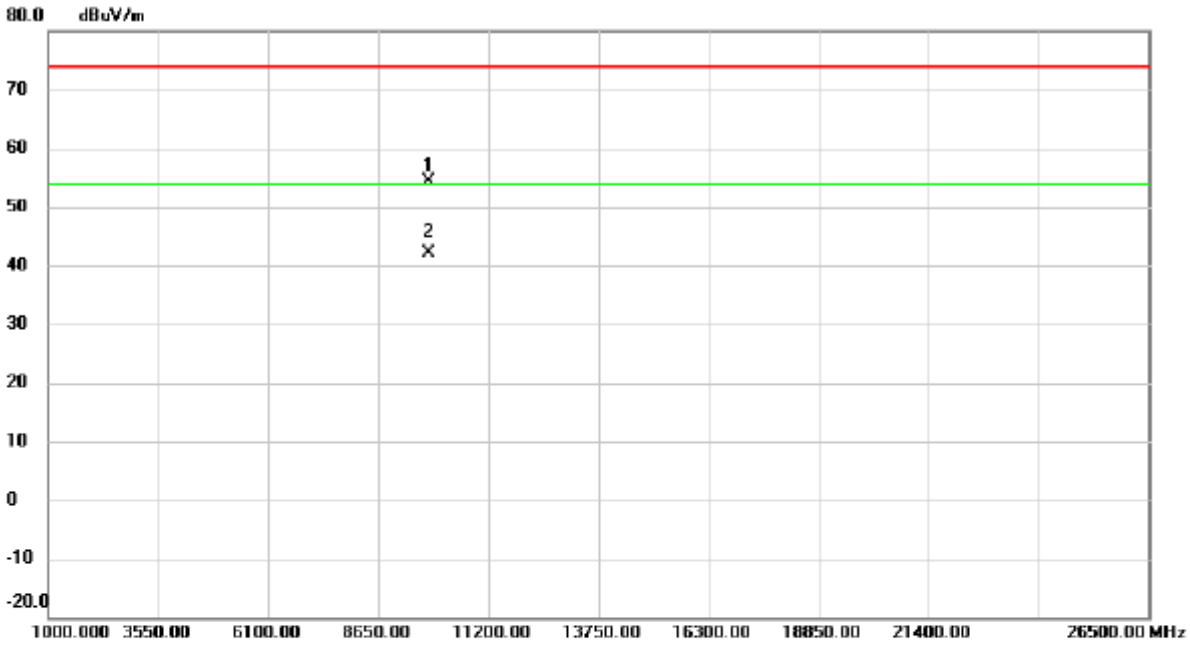
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2458.600	97.79	7.34	105.13	74.00	31.13	peak	No Limit
2	*	2460.100	88.81	7.34	96.15	54.00	42.15	AVG	No Limit
3		2483.500	45.49	7.32	52.81	74.00	-21.19	peak	
4		2483.500	35.03	7.32	42.35	54.00	-11.65	AVG	

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

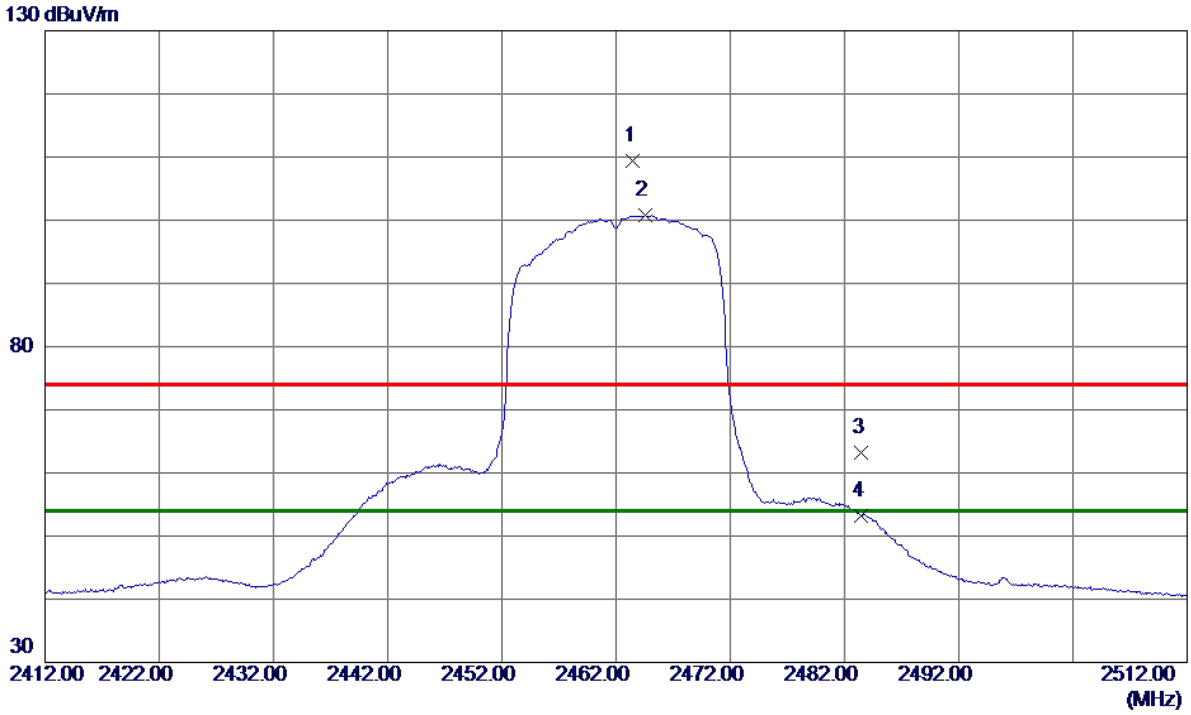
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9825.150	43.58	10.78	54.36	74.00	-19.64	peak	
2	*	9827.750	31.32	10.78	42.10	54.00	-11.90	AVG	

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

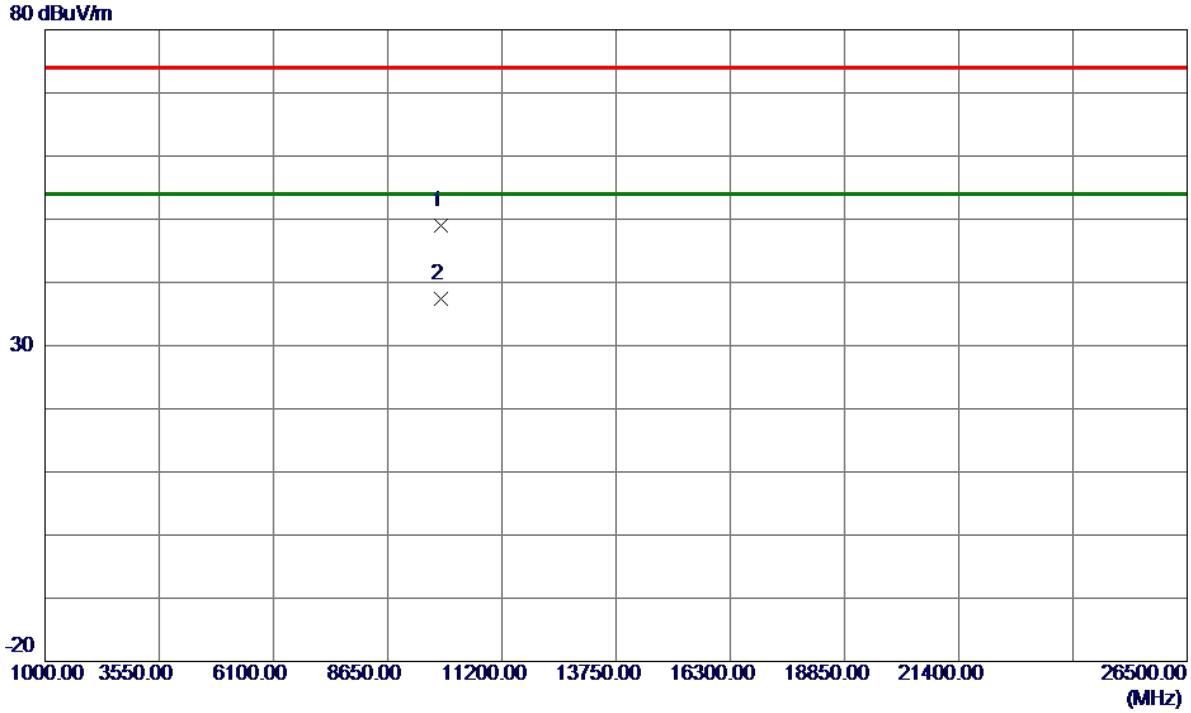
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.5000	102.11	7.33	109.44	74.00	35.44	Peak	No Limit
2 *	2464.6000	93.40	7.33	100.73	54.00	46.73	AVG	No Limit
3	2483.5000	55.81	7.32	63.13	74.00	-10.87	Peak	
4	2483.5000	45.86	7.32	53.18	54.00	-0.82	AVG	

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

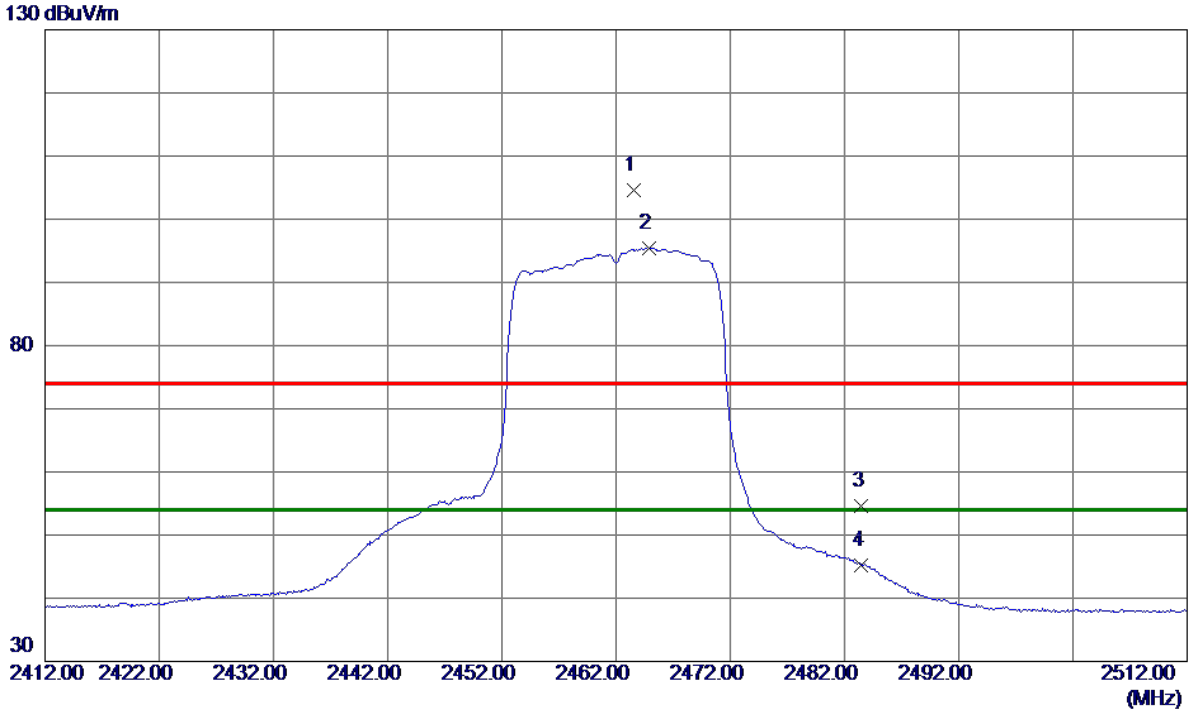
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9847.3850	38.02	11.06	49.08	74.00	-24.92	Peak	
2 *	9847.8770	26.26	11.06	37.32	54.00	-16.68	AVG	

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

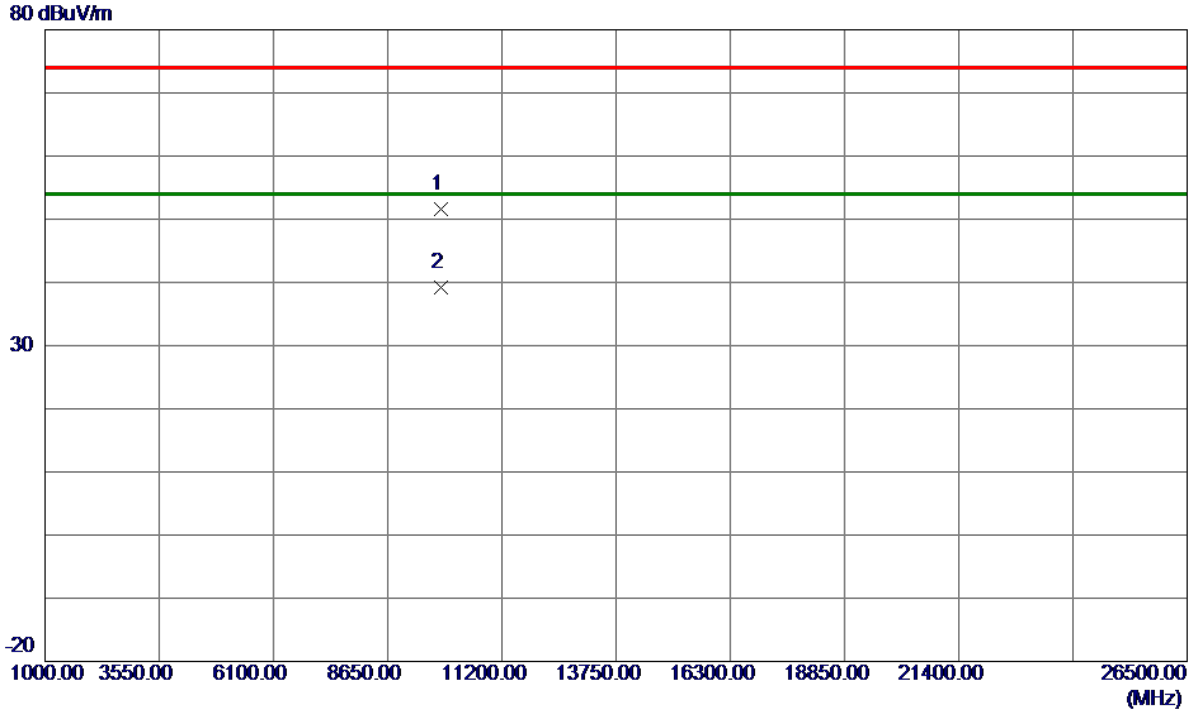
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.6000	97.19	7.33	104.52	74.00	30.52	Peak	No Limit
2 *	2464.9000	88.03	7.33	95.36	54.00	41.36	AVG	No Limit
3	2483.5000	47.37	7.32	54.69	74.00	-19.31	Peak	
4	2483.5000	37.93	7.32	45.25	54.00	-8.75	AVG	

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

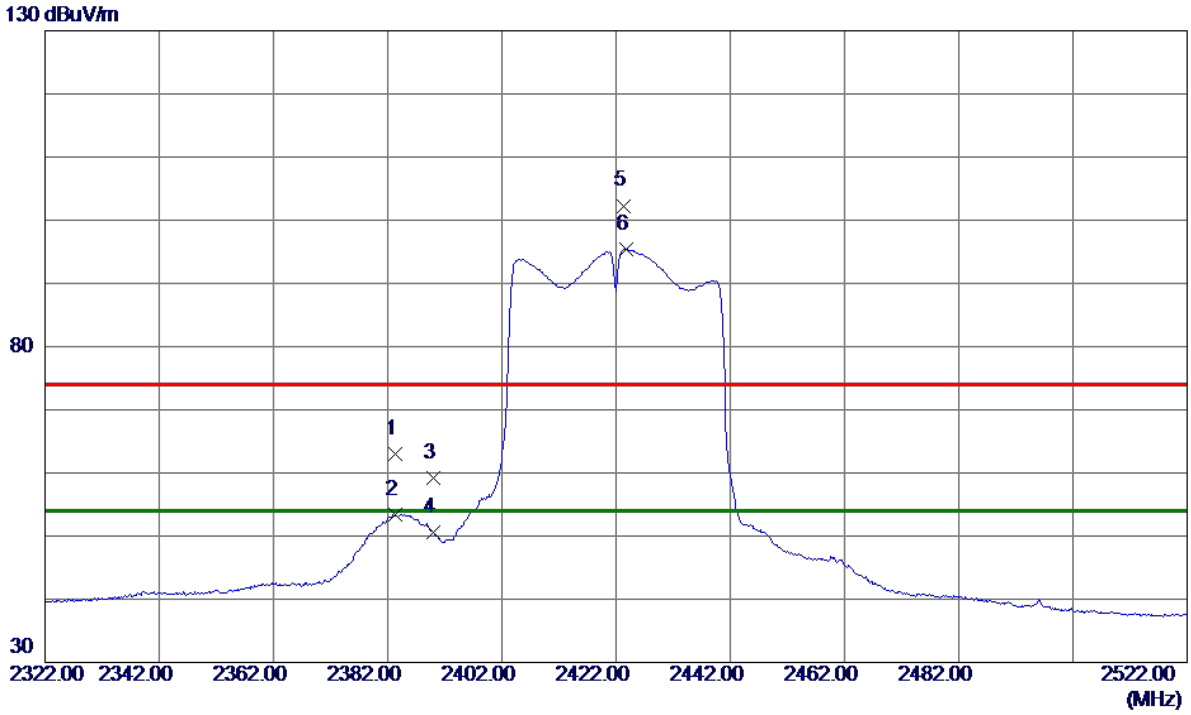
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9845.8000	40.80	10.78	51.58	74.00	-22.42	Peak	
2 *	9845.9500	28.50	10.78	39.28	54.00	-14.72	AVG	

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

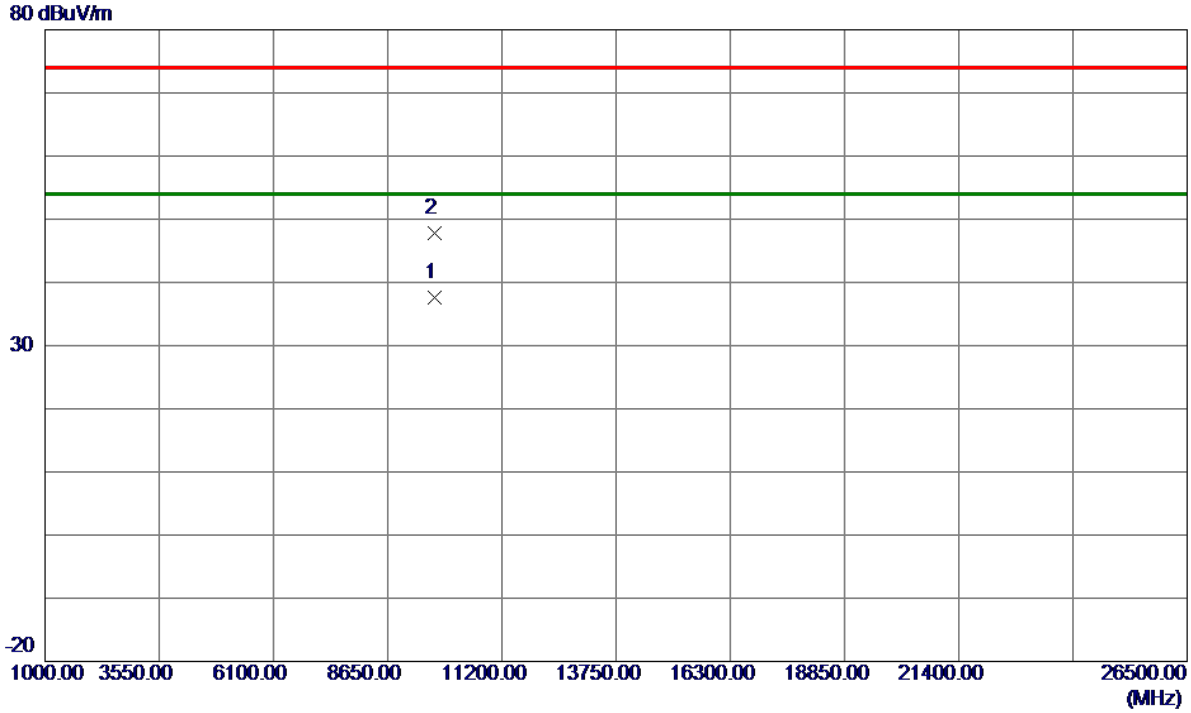
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2383.3000	56.46	6.62	63.08	74.00	-10.92	Peak	
2	2383.3000	46.87	6.62	53.49	54.00	-0.51	AVG	
3	2390.0000	52.61	6.62	59.23	74.00	-14.77	Peak	
4	2390.0000	43.91	6.62	50.53	54.00	-3.47	AVG	
5	2423.3000	95.68	6.62	102.30	74.00	28.30	Peak	No Limit
6 *	2423.8000	88.83	6.62	95.45	54.00	41.45	AVG	No Limit

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

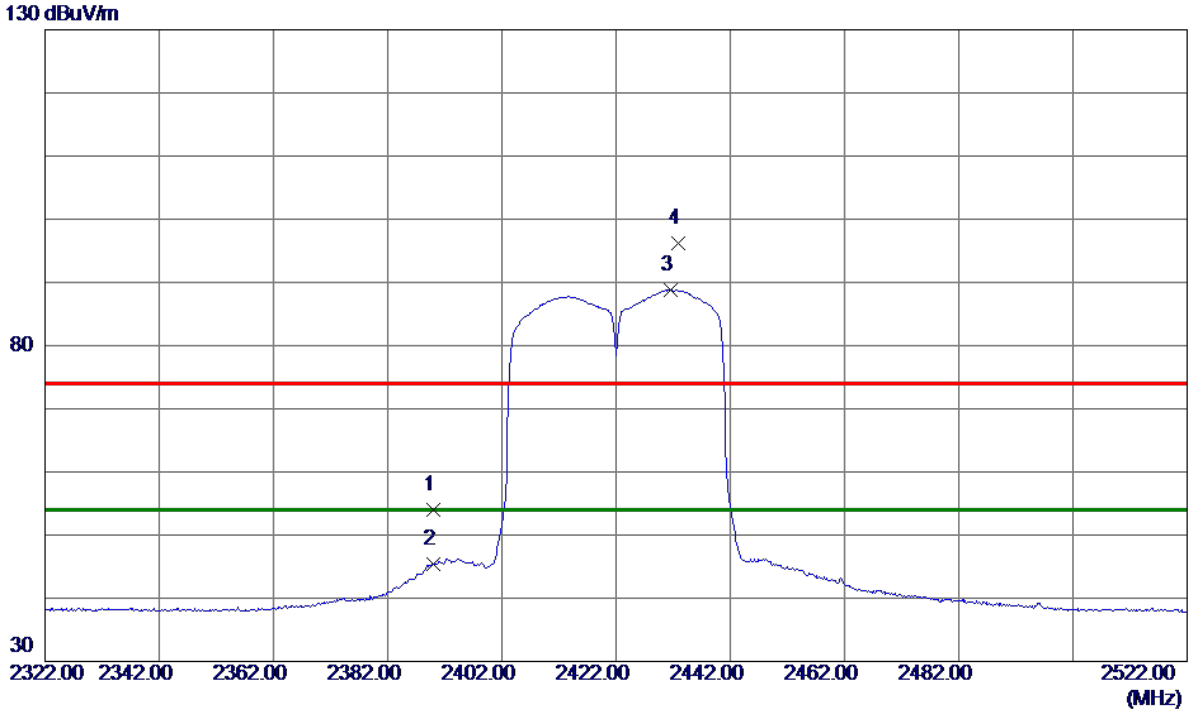
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	9688.0630	26.50	11.04	37.54	54.00	-16.46	AVG	
2	9688.1390	36.85	11.04	47.89	74.00	-26.11	Peak	

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

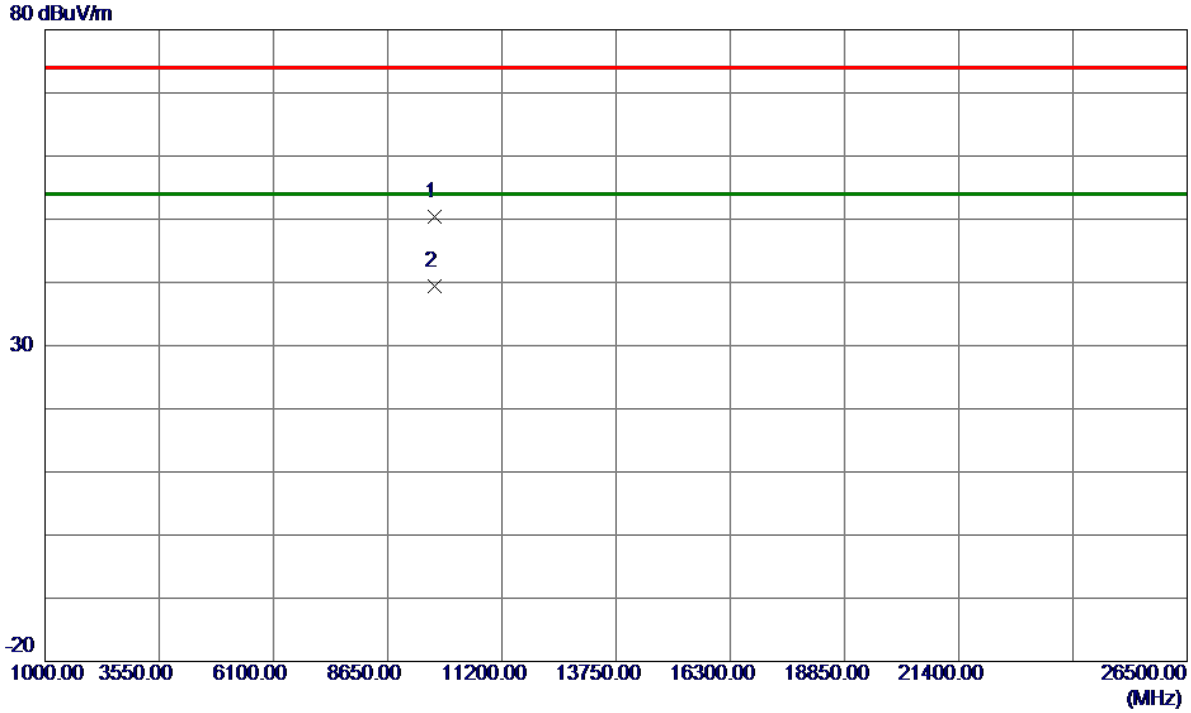
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	46.53	7.39	53.92	74.00	-20.08	Peak	
2	2390.0000	37.97	7.39	45.36	54.00	-8.64	AVG	
3 *	2431.6000	81.44	7.36	88.80	54.00	34.80	AVG	No Limit
4	2432.8000	88.80	7.36	96.16	74.00	22.16	Peak	No Limit

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

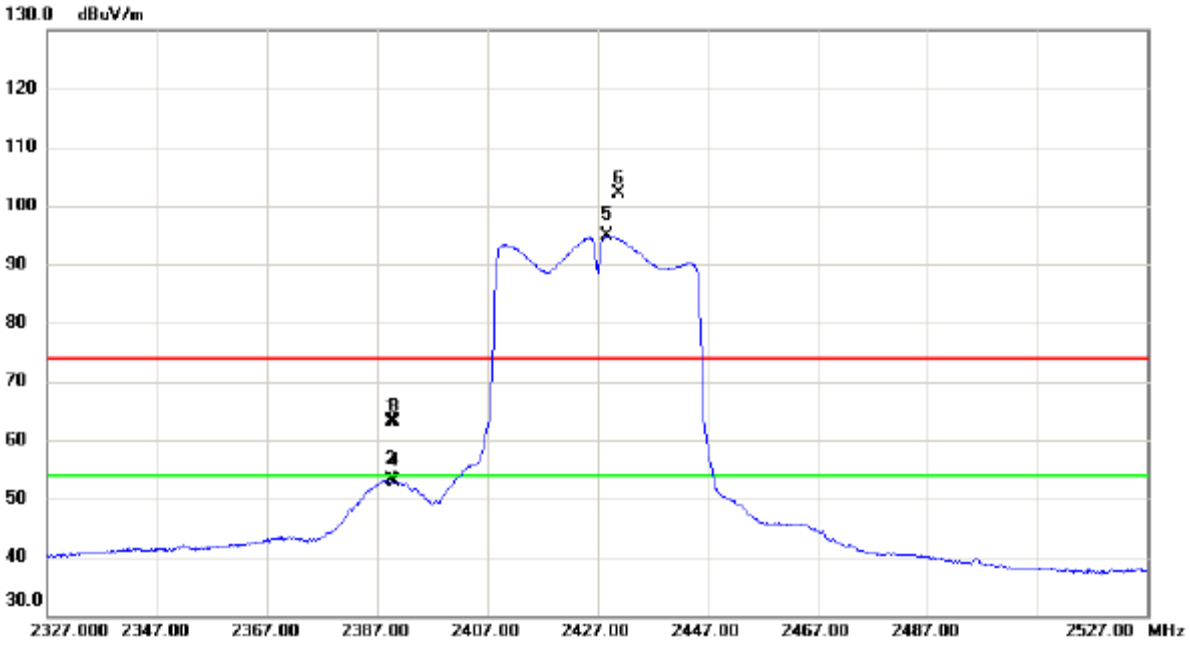
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9687.8480	39.64	10.77	50.41	74.00	-23.59	Peak	
2 *	9687.9020	28.67	10.77	39.44	54.00	-14.56	AVG	

Orthogonal Axis	X
Test Mode:	TX VHT-40M Mode 2427MHz

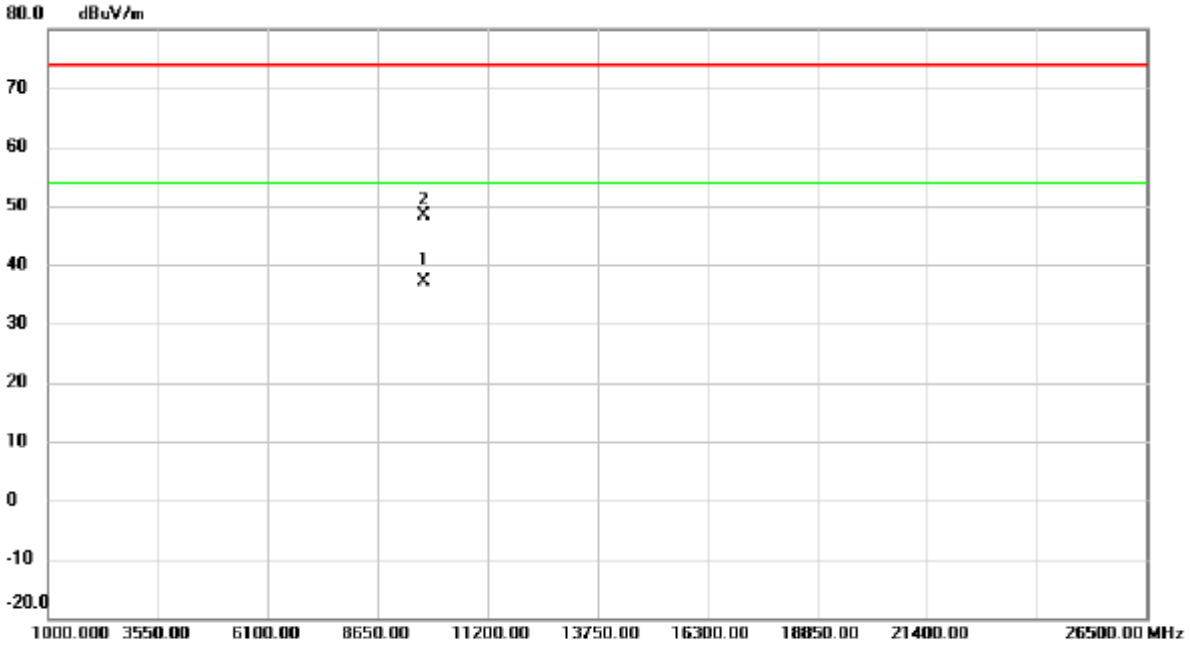
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.400	56.54	6.62	63.16	74.00	-10.84	peak	
2		2389.400	46.60	6.62	53.22	54.00	-0.78	AVG	
3		2390.000	56.54	6.62	63.16	74.00	-10.84	peak	
4		2390.000	46.22	6.62	52.84	54.00	-1.16	AVG	
5	*	2428.700	88.16	6.61	94.77	54.00	40.77	AVG	No Limit
6	X	2430.900	95.51	6.61	102.12	74.00	28.12	peak	No Limit

Orthogonal Axis	X
Test Mode:	TX VHT-40M Mode 2427MHz

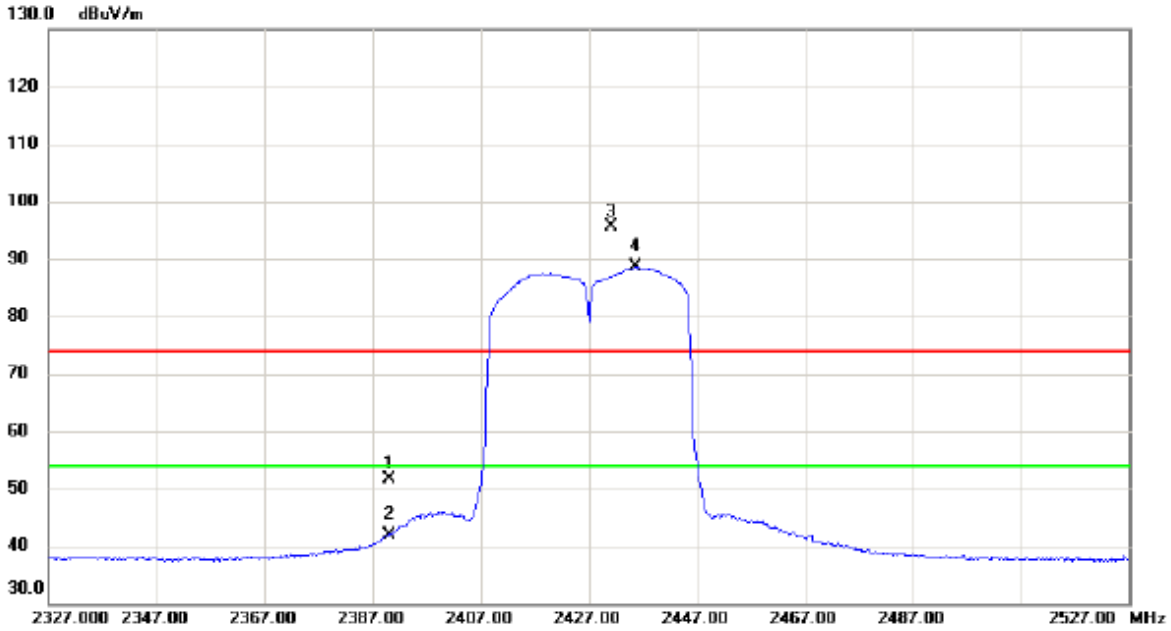
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	9707.904	26.17	11.04	37.21	54.00	-16.79	AVG	
2		9707.921	37.39	11.04	48.43	74.00	-25.57	peak	

Orthogonal Axis	X
Test Mode:	TX VHT-40M Mode 2427MHz

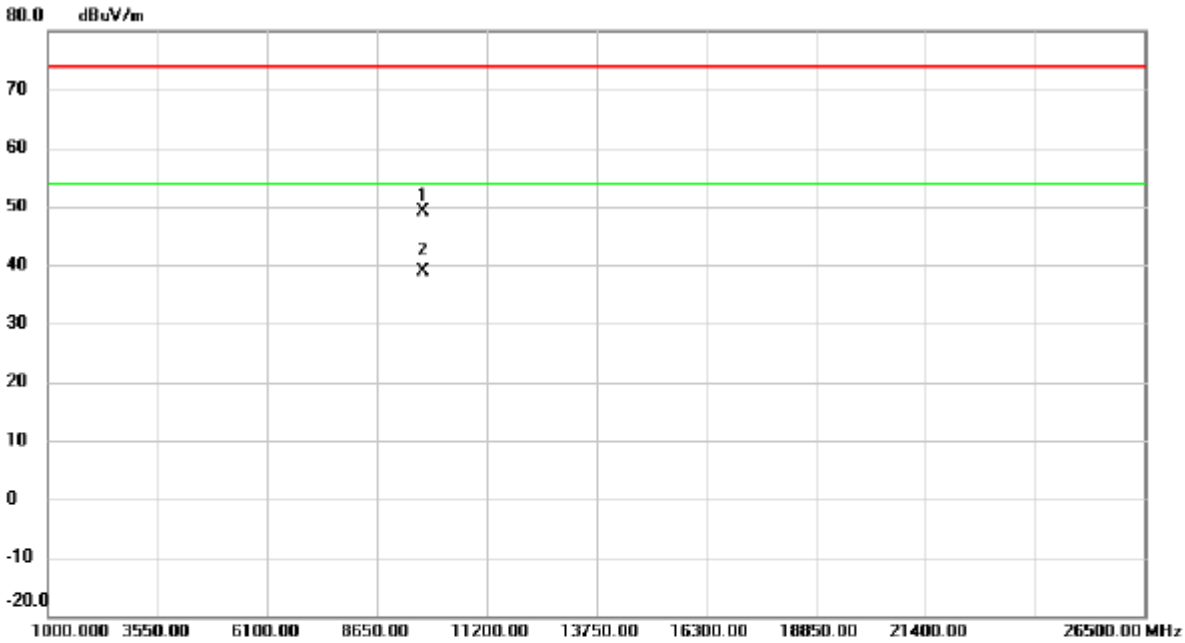
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	44.14	7.38	51.52	74.00	-22.48	peak	
2		2390.000	34.52	7.38	41.90	54.00	-12.10	AVG	
3	X	2431.200	88.28	7.36	95.64	74.00	21.64	peak	No Limit
4	*	2435.600	81.21	7.35	88.56	54.00	34.56	AVG	No Limit

Orthogonal Axis	X
Test Mode:	TX VHT-40M Mode 2427MHz

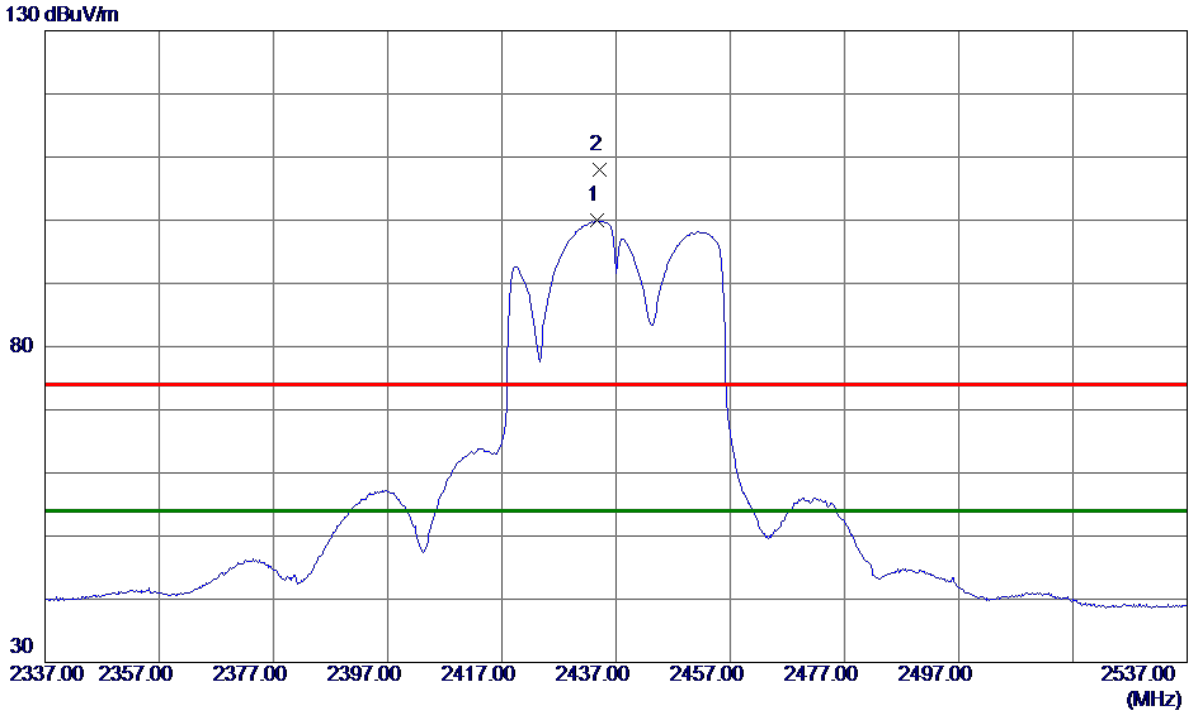
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		9707.268	38.31	10.77	49.08	74.00	-24.92	peak	
2	*	9707.976	27.99	10.77	38.76	54.00	-15.24	AVG	

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

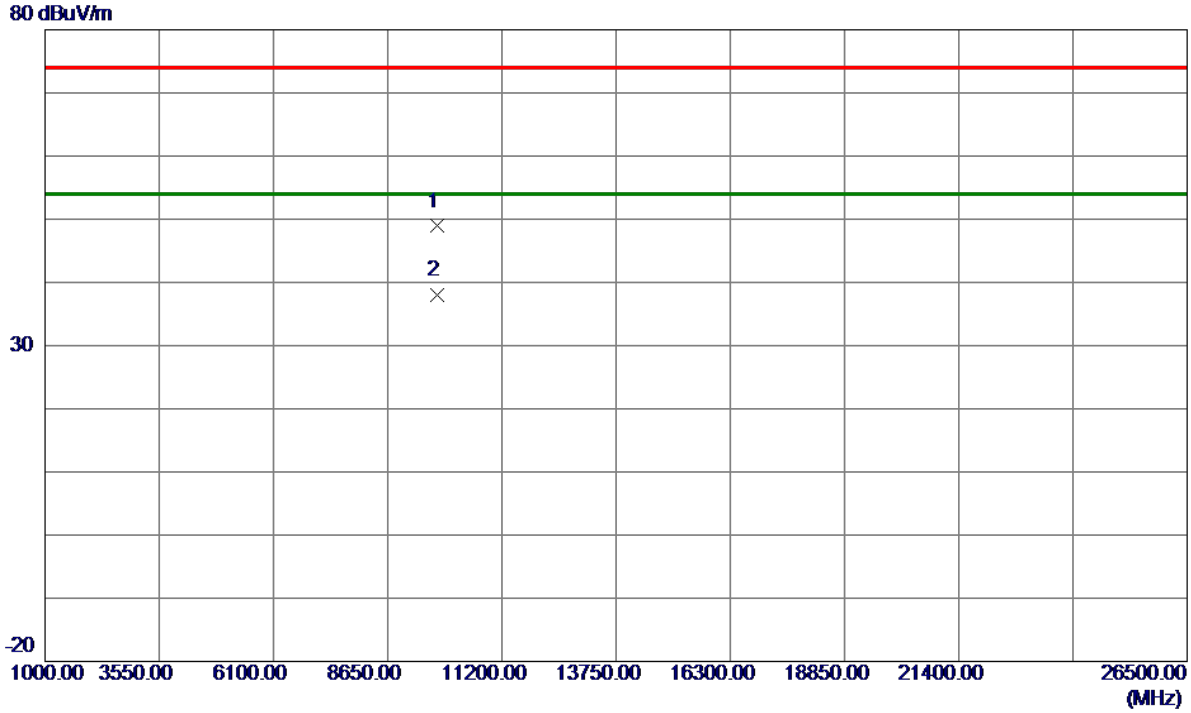
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2433.6000	92.64	7.35	99.99	54.00	45.99	AVG	No Limit
2	2434.2000	100.71	7.35	108.06	74.00	34.06	Peak	No Limit

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

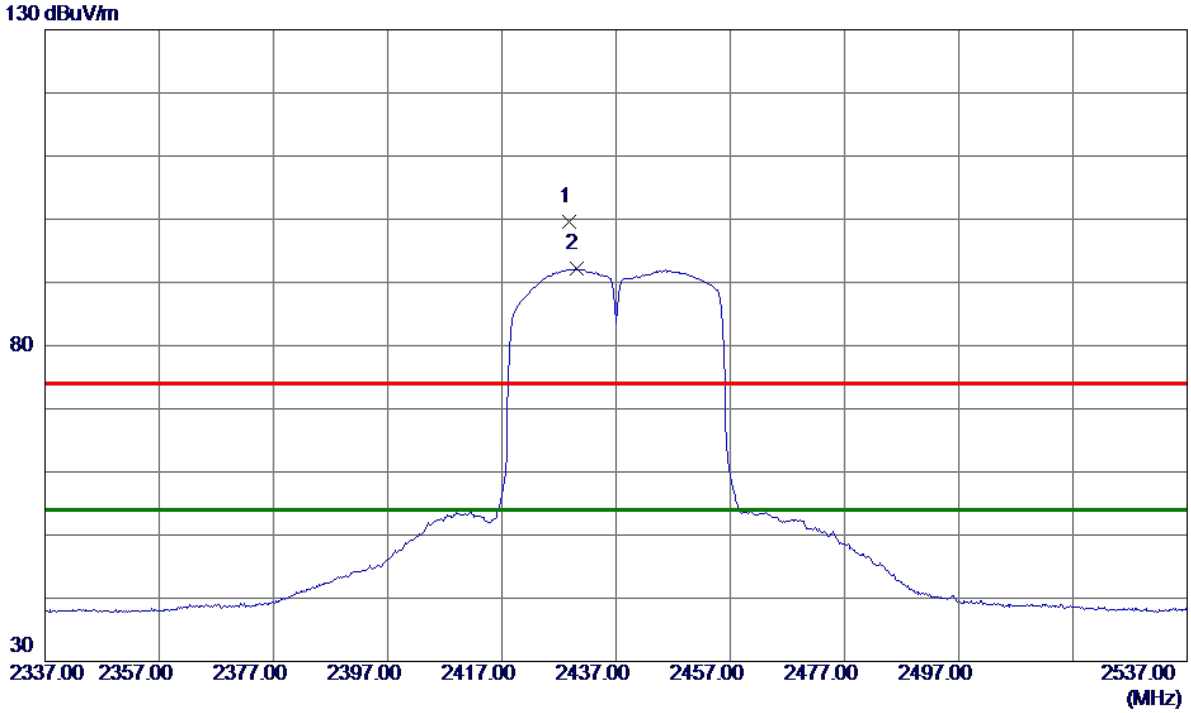
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9747.8080	37.85	11.05	48.90	74.00	-25.10	Peak	
2 *	9747.8690	26.87	11.05	37.92	54.00	-16.08	AVG	

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

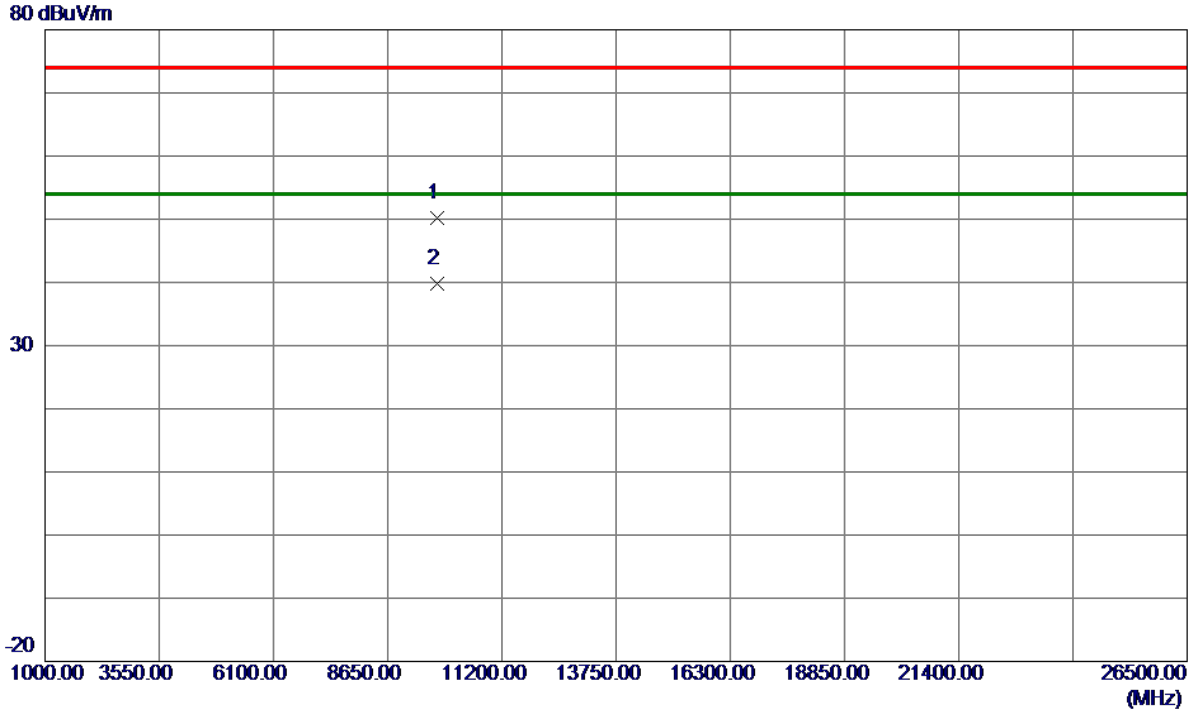
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2428.8000	92.33	7.36	99.69	74.00	25.69	Peak	No Limit
2 *	2430.0000	84.76	7.36	92.12	54.00	38.12	AVG	No Limit

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	9747.5439	39.37	10.77	50.14	74.00	-23.86	Peak	
2 *	9747.9800	29.04	10.77	39.81	54.00	-14.19	AVG	