FCC Radio Test Report

FCC ID: WS2-WG1400-00

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

Project No.	:	1510110
Equipment	:	Wireless module
Model Name	:	WG1400-00
Applicant	:	Jorjin Technologies Inc.
Address	:	17F, No.239, Sec.1, Datong Rd., Xizhi Dist. New Taipei City Taiwan

Date of Receipt	:	Oct. 13, 2015
Date of Test	:	Oct. 13, 2015 ~ Nov. 11, 2015
Issued Date	:	Nov. 12, 2015
Tested by	:	BTL Inc.

Testing Engineer : Rush Kao
(Rush Kao)

Technical Manager : Jeff Yang
(Jeff Yang)

Authorized Signatory : Andy Chiu
(Andy Chiu)

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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 the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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

Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1510110	Original Issue.	Nov. 12, 2015

1. CERTIFICATION

Equipment	:	Wireless module
Brand Name	:	Jorjin
Model Name	:	WG1400-00
Applicant	:	Jorjin Technologies Inc.
Manufacturer	:	Jorjin Technologies Inc.
Address	:	17F, No.239, Sec.1, Datong Rd., Xizhi Dist. New Taipei City Taiwan
Factory	:	Inventec Appliances (Pudong) Corporation
Address	:	No.789, Puxing Rd., Minhang District, Shanghai, P.R.C
Date of Test	:	Oct. 13, 2015 ~ Nov. 11, 2015
Test Sample	:	Engineering Asmple
Standard(s)	:	FCC Part15, Subpart C: 2014 (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-1-1510110) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C: 2014			
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6dB Bandwidth	PASS	
15.247(b)(3)	Peak Output Power	PASS	
15.247(e)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	
15.209/15.205	Transmitter Radiated Emissions	PASS	

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

Conducted emission Test:

C05: (VCCI RN: C-4742; FCC RN:965108; FCC DN:TW1082)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Below 1 GHz):

CB08: (FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428C-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

Radiated emission Test (Above 1 GHz):

CB08: (VCCI RN: G-91; FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428C-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty is not specified by FCC/ Industry Canada rules and for reference only.

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

The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2.

The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

A. Conducted emission test:

Test Site	Method	Measurement Frequency Range	U, (dB)
C05	CISPR	150 kHz~30MHz	2.04

B. Radiated emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
CB08 (3m)	CISPR	9kHz ~ 150kHz	4.00
		150kHz ~ 30MHz	4.00

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
CB08 (3m)	CISPR	30MHz ~ 200MHz	V	3.06
		30MHz ~ 200MHz	H	2.58
		200MHz ~ 1,000MHz	V	3.50
		200MHz ~ 1,000MHz	H	3.10

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
CB08 (3m)	CISPR	1GHz ~ 6GHz	V	4.14
		1GHz ~ 6GHz	H	4.14
		6GHz ~ 18GHz	V	5.34
		6GHz ~ 18GHz	H	5.34

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above.

These are our U_{lab} values in CISPR 16-4-2 terminology.

Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR}, as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz : 3.6 dB

Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz : 5.2 dB

It can be seen that our U_{lab} values are smaller than U_{CISPR}.

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	Wireless module	
Brand Name	Jorjin	
Model Name	WG1400-00	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 72.2 Mbps
	Output Power (Max.)	802.11b: 18.02 dBm 802.11g: 20.68 dBm 802.11n(20MHz): 20.41 dBm
Power Source	Supplied from host system.	
Power Rating	EUT I/P: DC 5V	

Note:

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

2. Channel List:

CH01 – CH11 for 802.11b, 802.11g, 802.11n(20MHz)							
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

Group 1

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	WIESON	N/A	Dipole	I-PEX	2.45

Group 2

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Unictron Technologies Corp.	H2B1BE1A1B0200	PCB	I-PEX	3.73

Group 3

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed	N/A	-6.78

Note: There are three kinds of antennas, one dipole antenna, one PCB antenna and one printed antenna, but operating in a mode where only one transmit/receive chain is used.

3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20MHZ Mode Channel 01/06/11
Mode 4	TX Mode

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

For Conducted Test	
Final Test Mode	Description
Mode 4	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20MHZ Mode Channel 01/06/11

Note:

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

(2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6.5Mbps)
802.11n HT20 mode : BPSK (13Mbps)
For radiated emission tests, the highest output powers were set for final test.

(3) For radiated below 1G test, the 802.11b Channel 06 was found to be the worst case and recorded.

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

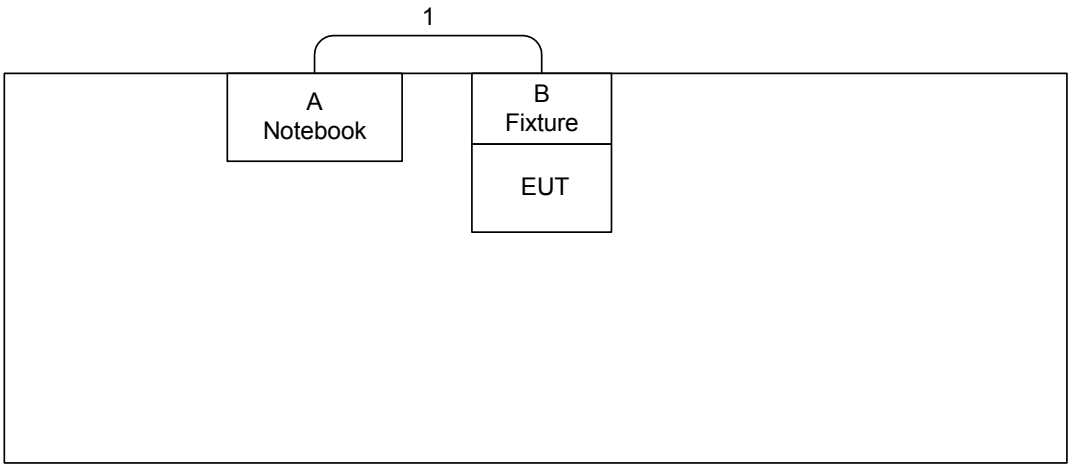
(5) PCB antenna is the worst case for conducted test items and recorded in this report which gain is higher than the dipole and printed antenna.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	CC31xx & CC32xx RadioTool GUI		
Frequency (MHz)	2412	2437	2462
802.11b	0	0	0
802.11g	0	0	0
802.11n (20MHz)	0	0	0

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/IC	Series No.
A	Notebook PC	DELL	PP18L	DOC	PF329 A01
B	Fixture	N/A	N/A	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	YES	NO	1m	USB Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 -0.5	66 to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

Note:

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

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

The following table is the setting of the receiver

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

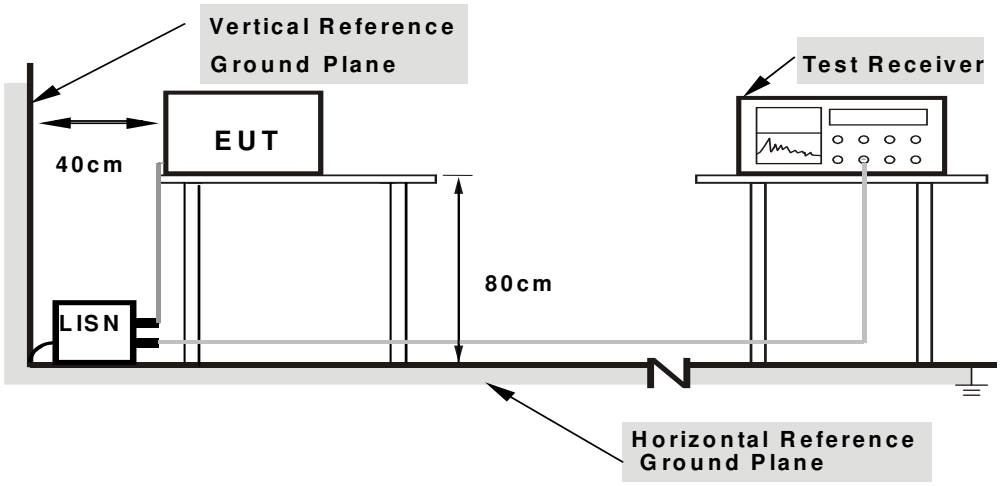
4.1.2 TEST PROCEDURE

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



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

4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

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

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

4.2.2 TEST PROCEDURE

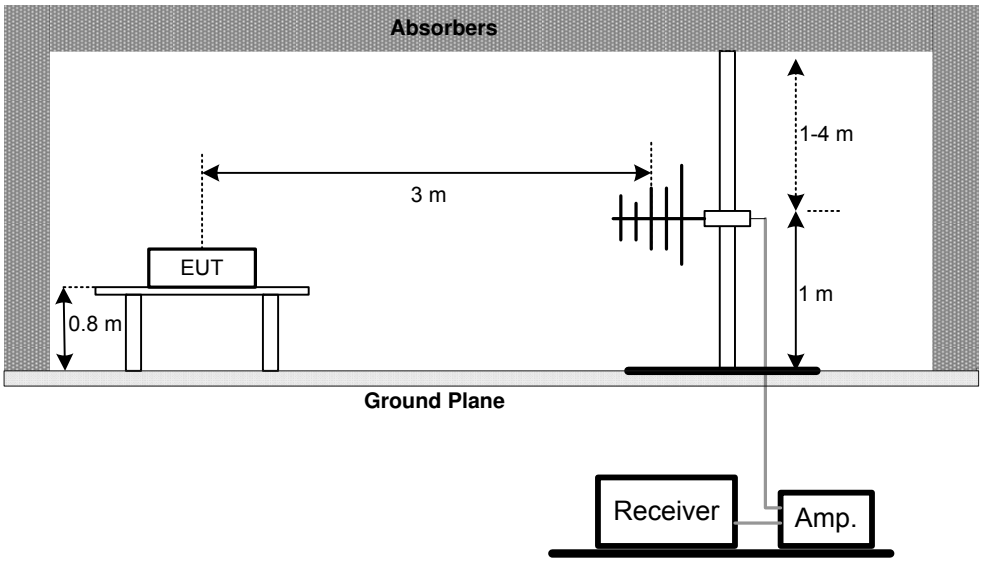
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. 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.
e. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
f. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
g. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

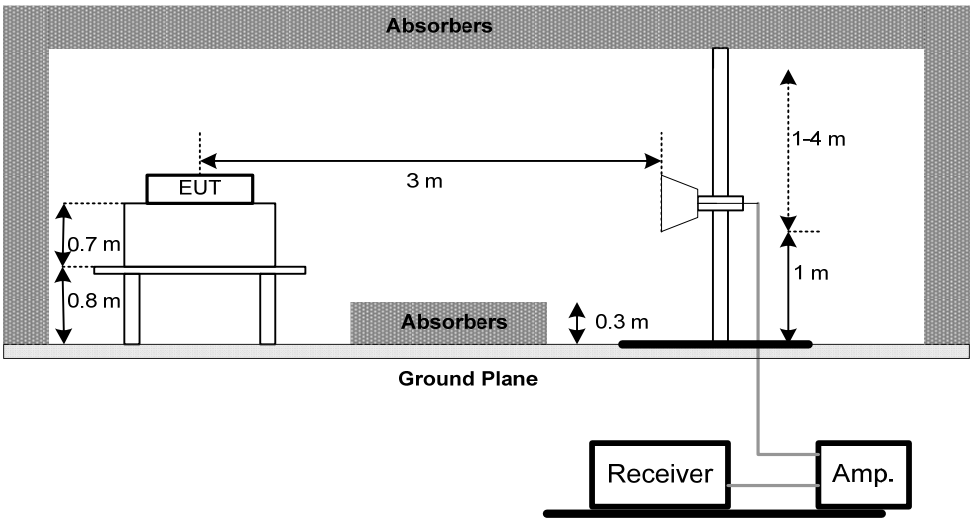
No deviation

4.2.4 TEST SETUP

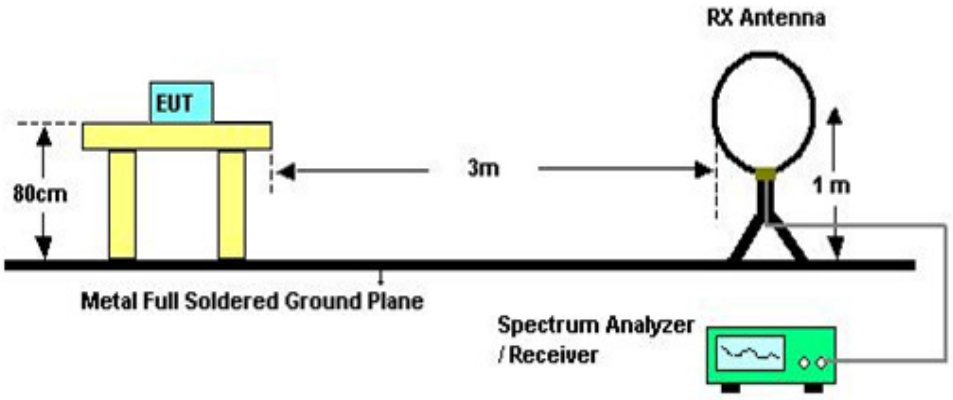
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.5 unless** otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

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

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

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

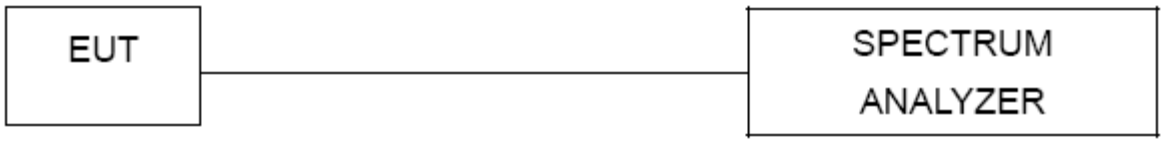
5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

Temperature: 26°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

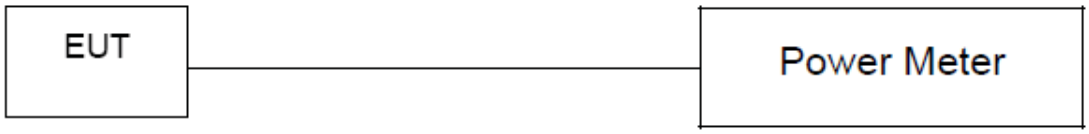
6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance v03r03.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

Temperature: 26°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

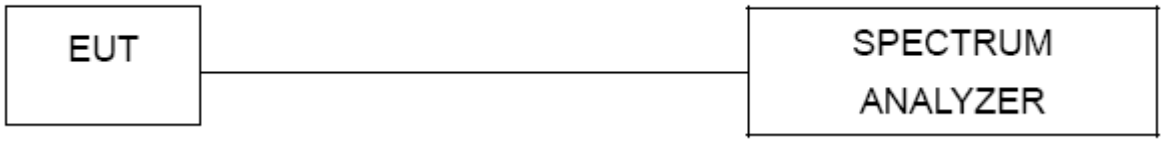
7.1.1 TEST PROCEDURE

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 EUT TEST CONDITIONS

Temperature: 26°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

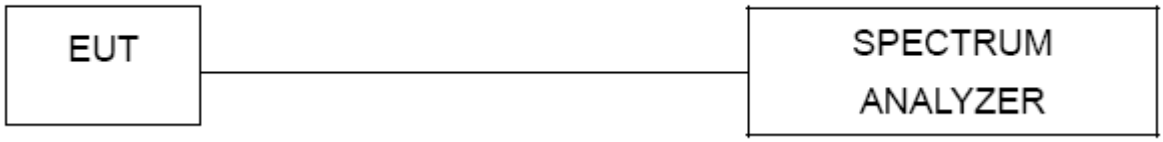
8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	Jun. 01, 2016
2	Test Cable	TIMES	CFD300-NL	C03	Mar. 04, 2016
3	EMI Test Receiver	R&S	ESR3	101854	Dec. 09, 2015
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Agilent	N9020A	MY51160196	Aug. 03, 2016
2	Horn Antenna	Schwarzbeck	BBHA 9120	D-325	Apr. 20, 2016
3	Microwave Pre_amplifier	Agilent	8449B	3008A01714	Apr. 13, 2016
4	Microflex Cable	Harbour industries	27478LL142	1m	Apr. 13, 2016
5	Microflex Cable	EMC	S104-SMA	8m	May. 14, 2016
6	Microflex Cable	Harbour industries	27478LL142	3m	May. 13, 2016
7	Test Cable	LMR	LMR-400	10m	May. 13, 2016
8	Test Cable	LMR	LMR-400	3m	May. 13, 2016
9	Pre-Amplifier	Anritsu	MH648A	M92649	Jun. 16, 2016
10	Log-Bicon Antenna	Schwarzbeck	VULB9168-352	9168-352	Jul. 30, 2016
11	Loop Antenna	EMCO	6502	00042960	Nov. 05, 2016

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Agilent	N9020A	MY51160196	Aug. 03, 2016

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	Anritsu	ML2487A	6K00004714	May. 19, 2016
2	Power Meter Sensor	Anritsu	MA2491A	034138	May. 18, 2016
3	Spectrum Analyzer	Agilent	N9020A	MY51160196	Aug. 03, 2016

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Agilent	N9020A	MY51160196	Aug. 03, 2016

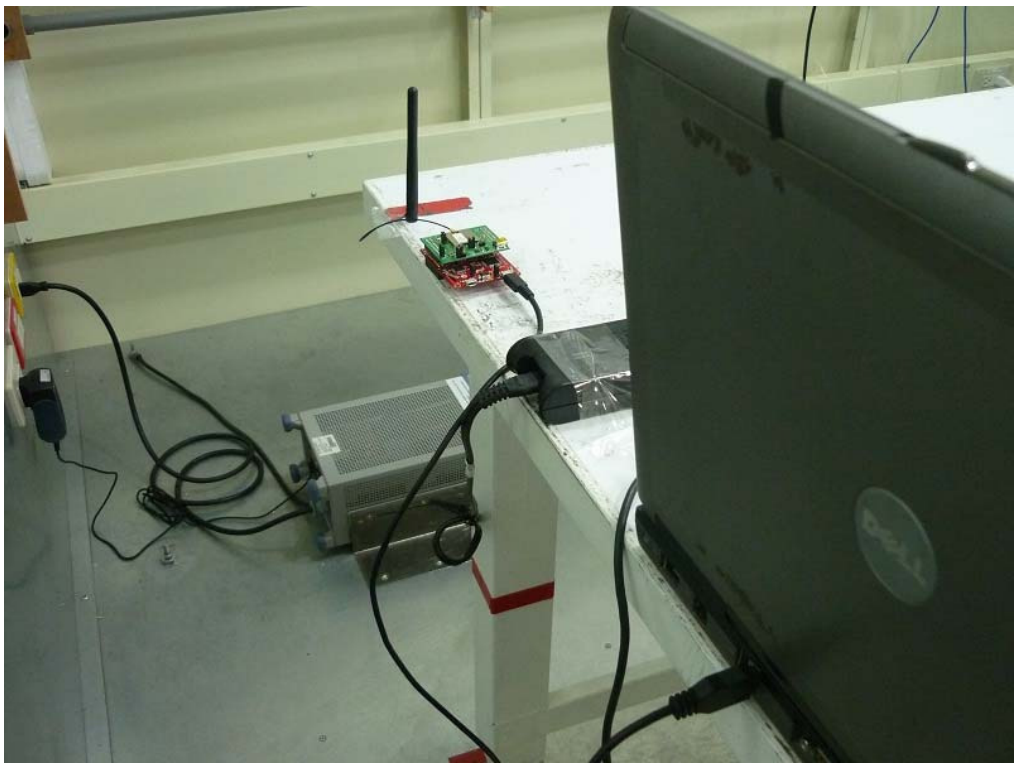
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Agilent	N9020A	MY51160196	Aug. 03, 2016

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

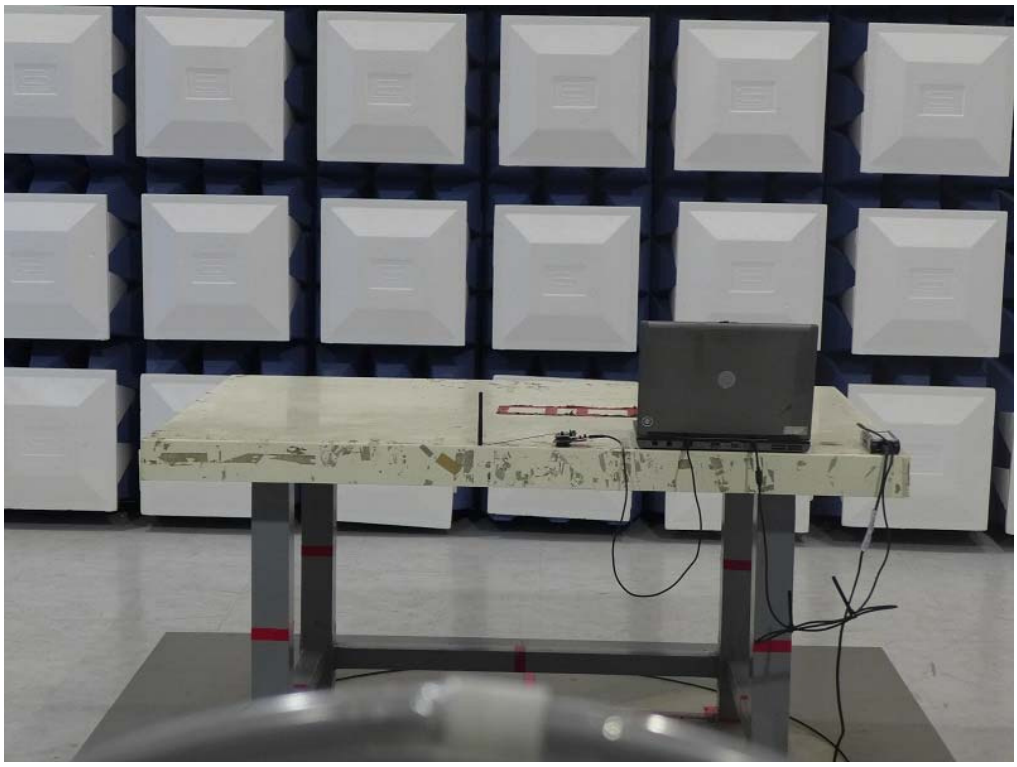
Conducted Measurement Photos

For Dipole Ant.



Radiated Measurement Photos

9KHz to 30MHz for Dipole Ant.

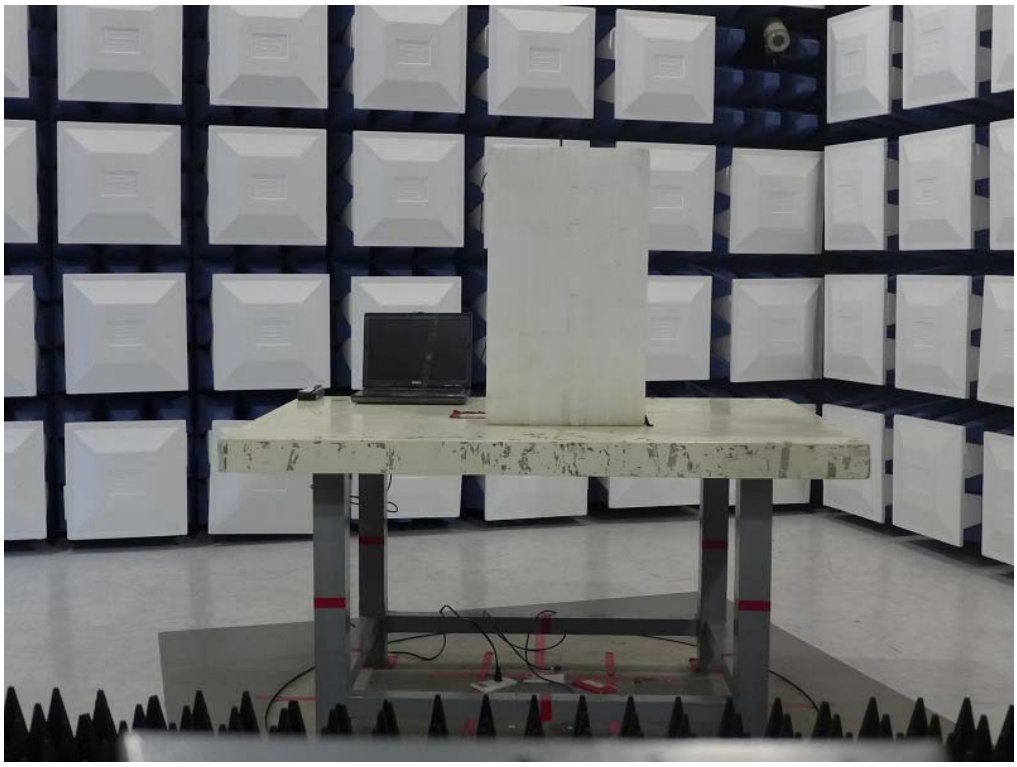


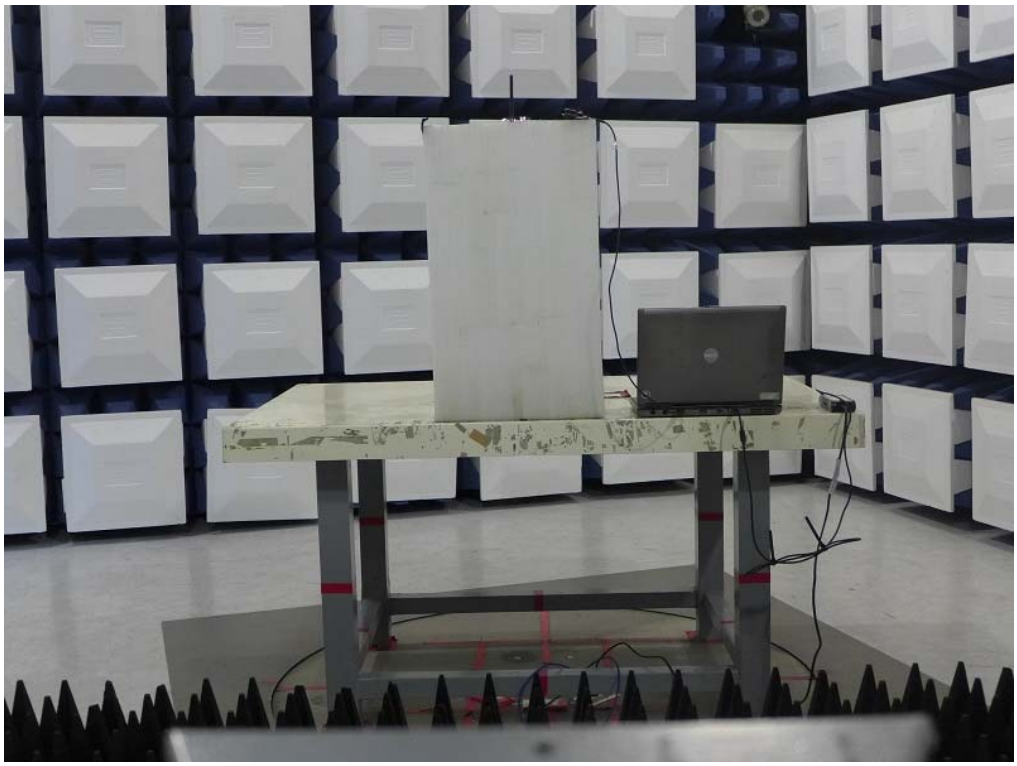
Radiated Measurement Photos

30MHz to 1000MHz for Dipole Ant.

Radiated Measurement Photos

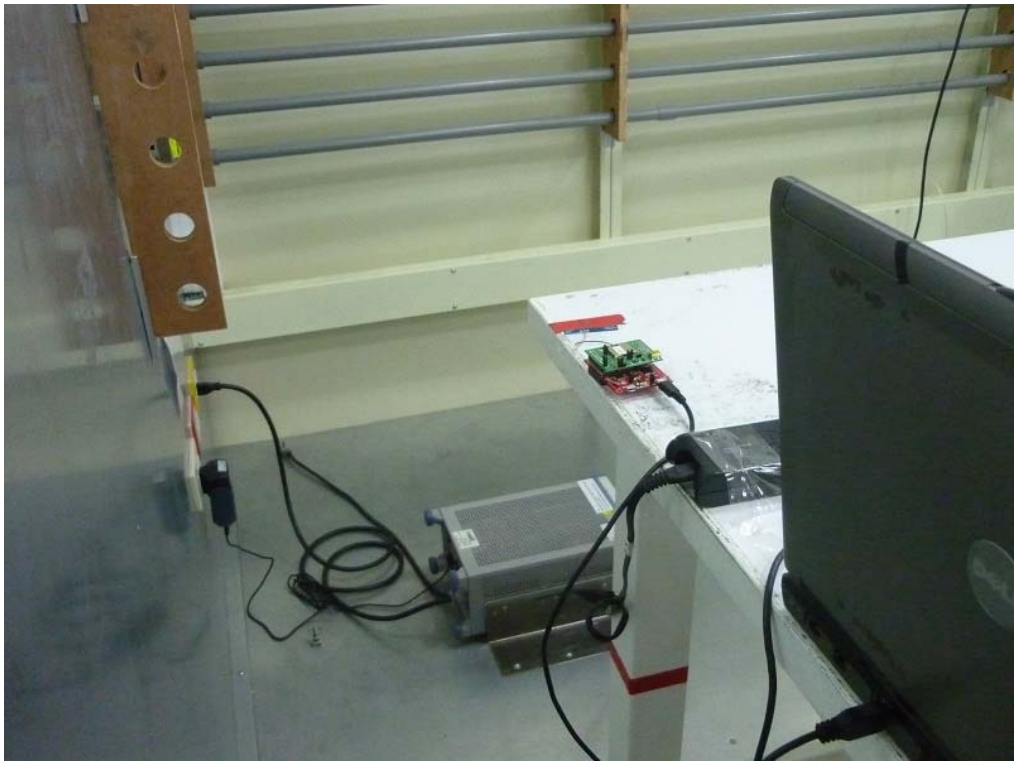
Above 1000MHz for Dipole Ant.





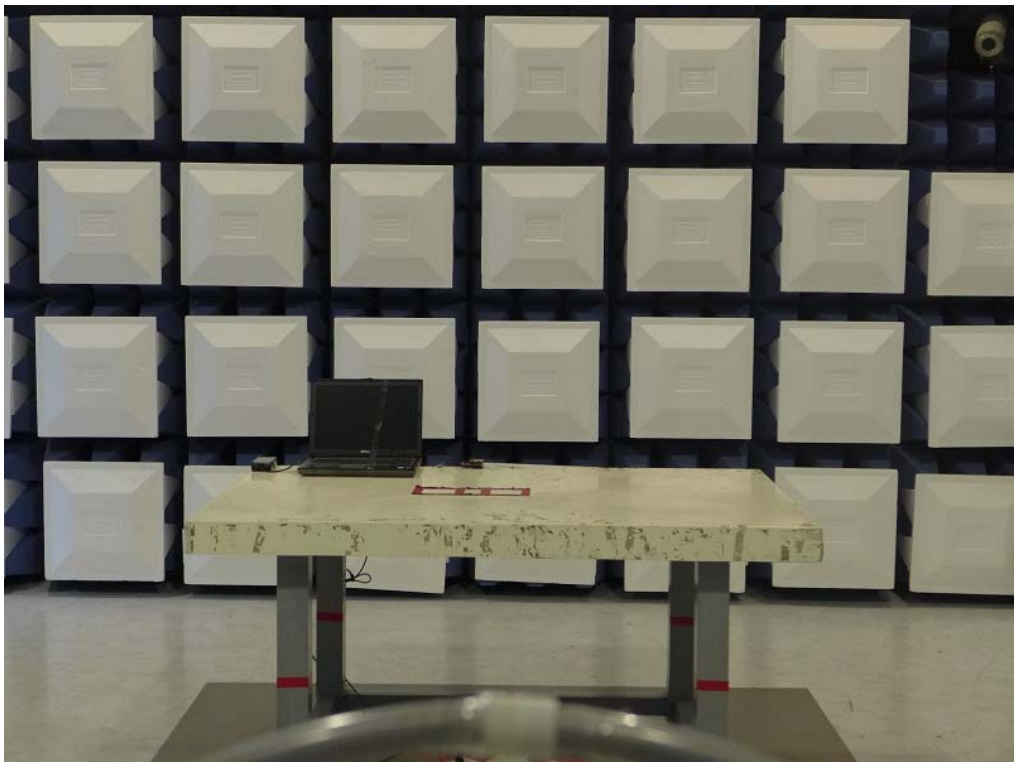
Conducted Measurement Photos

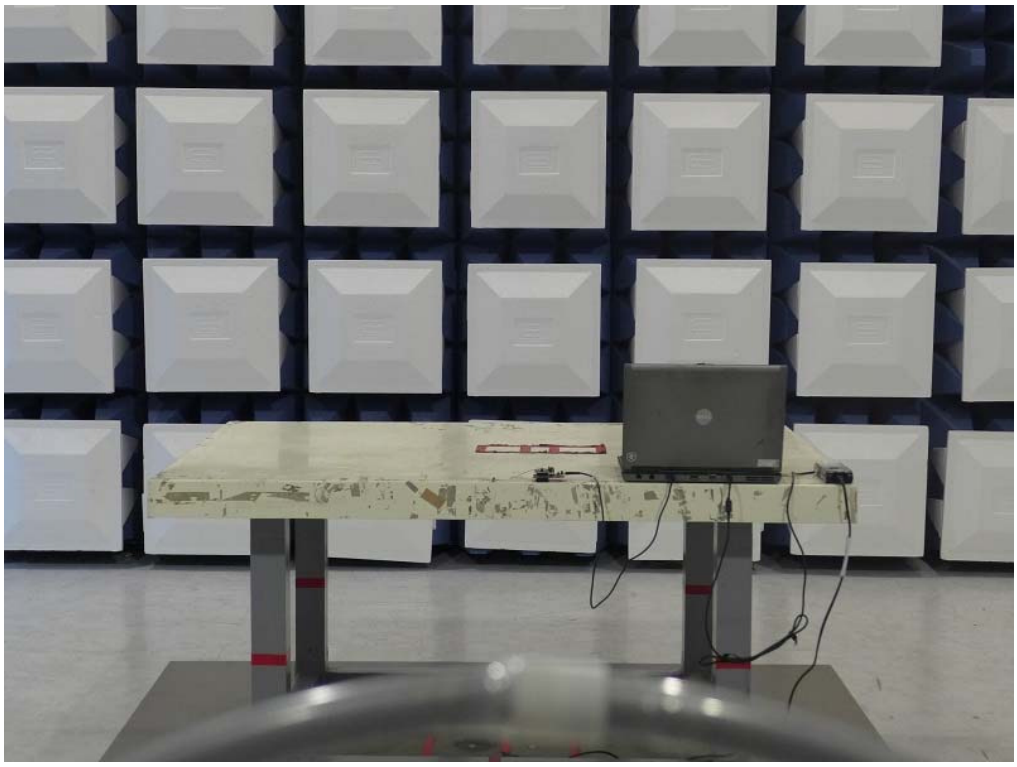
For PCB Ant.



Radiated Measurement Photos

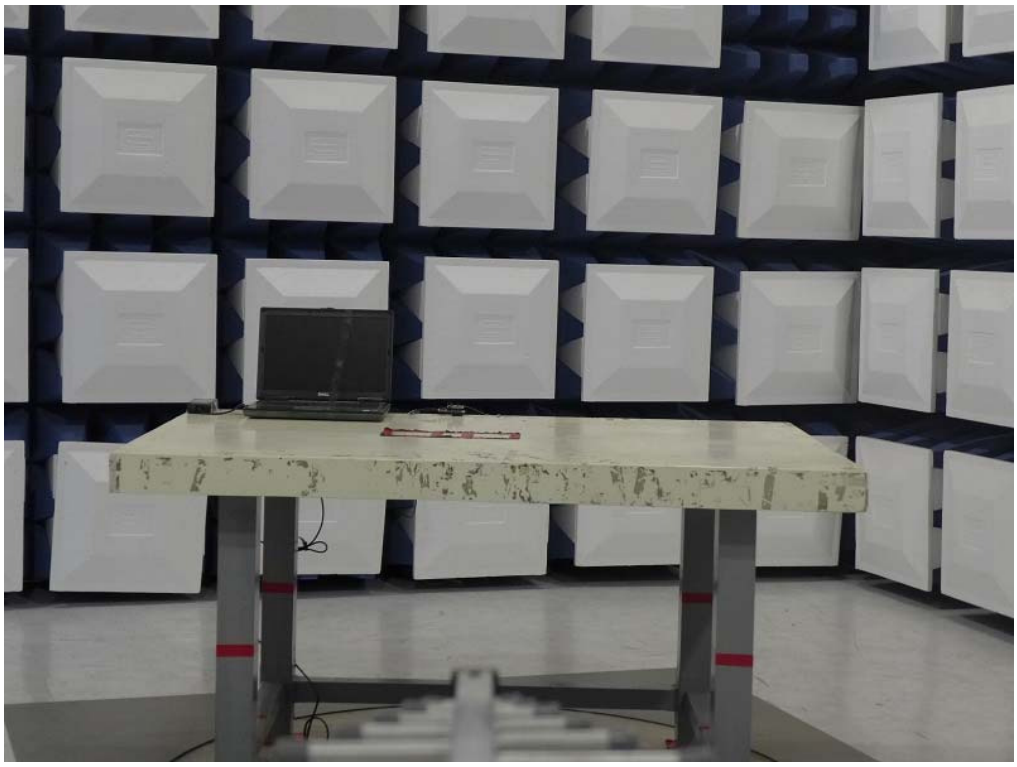
9KHz to 30MHz For PCB Ant.





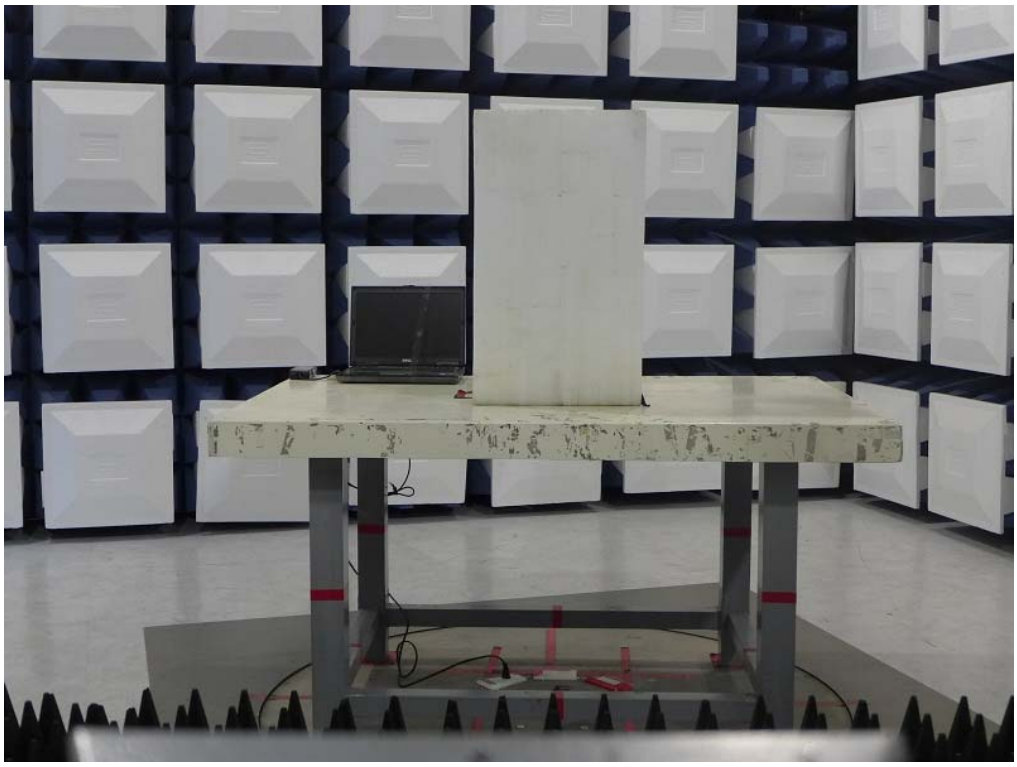
Radiated Measurement Photos

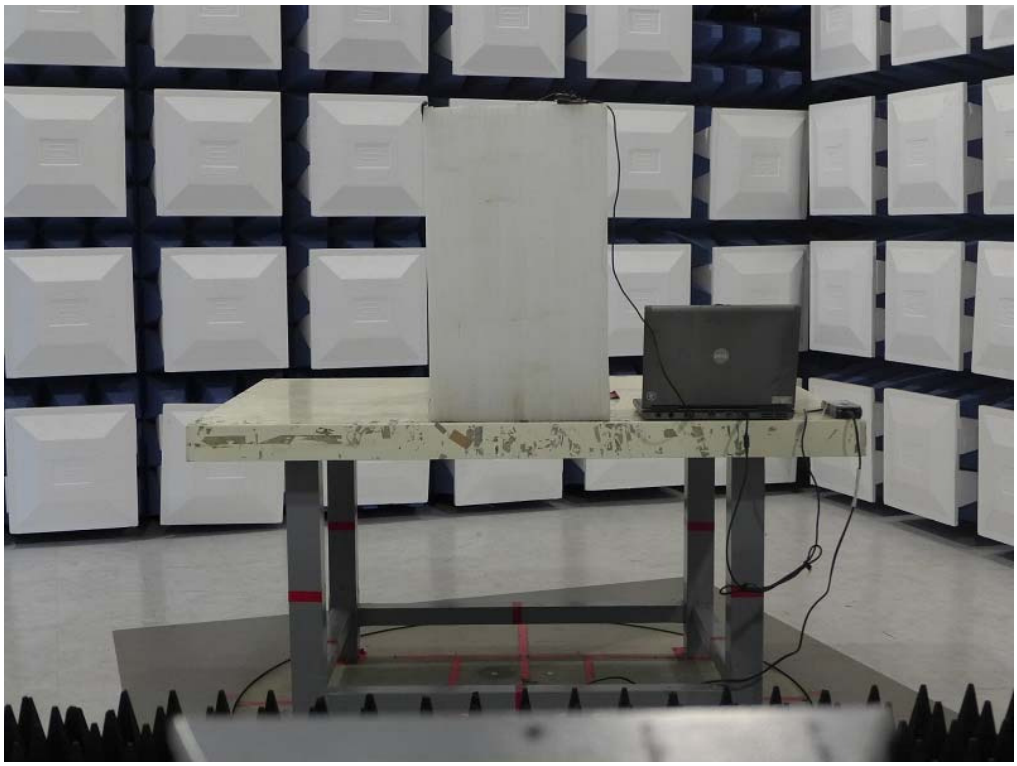
30MHz to 1000MHz For PCB Ant.



Radiated Measurement Photos

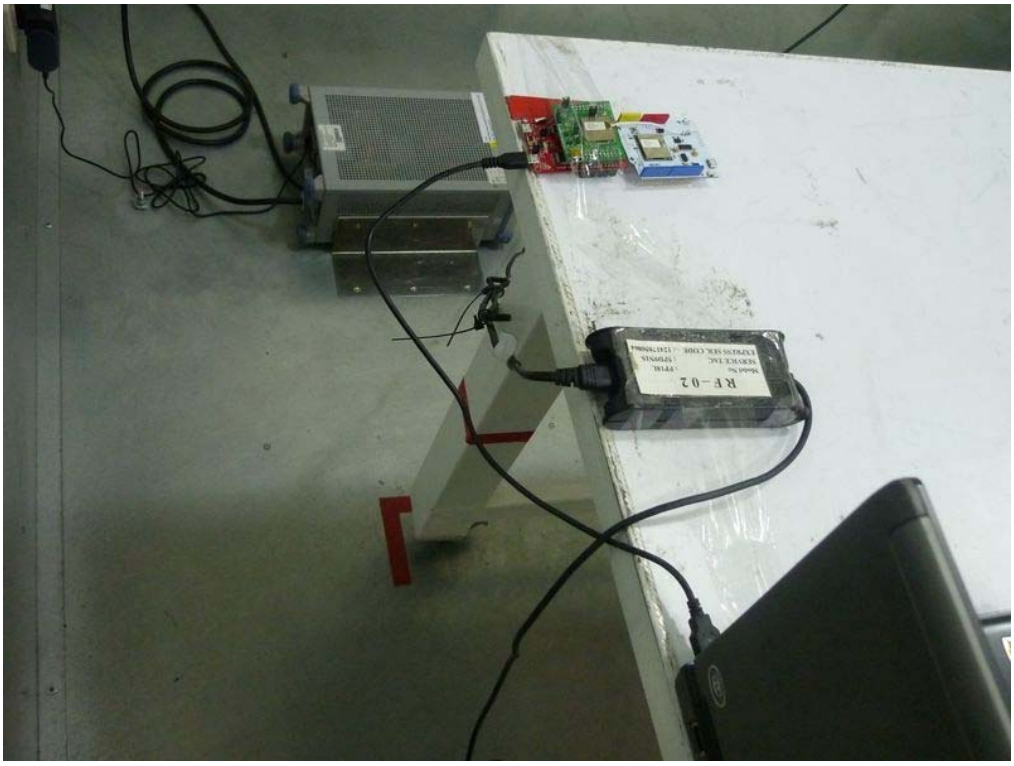
Above 1000MHz For PCB Ant.





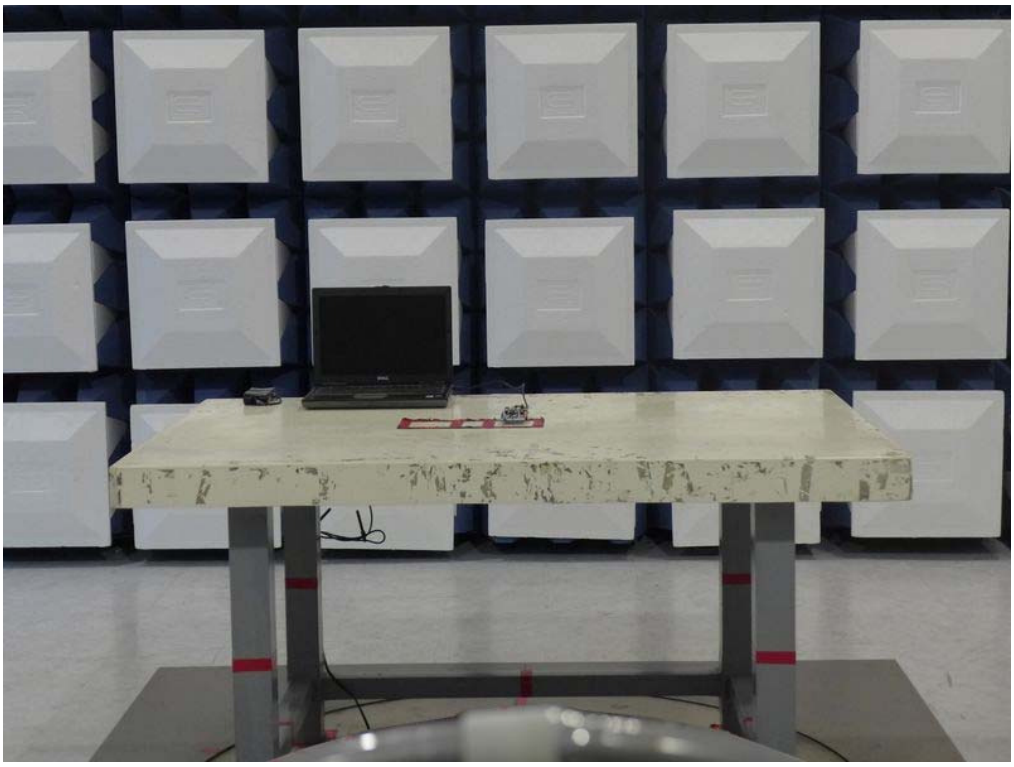
Conducted Measurement Photos

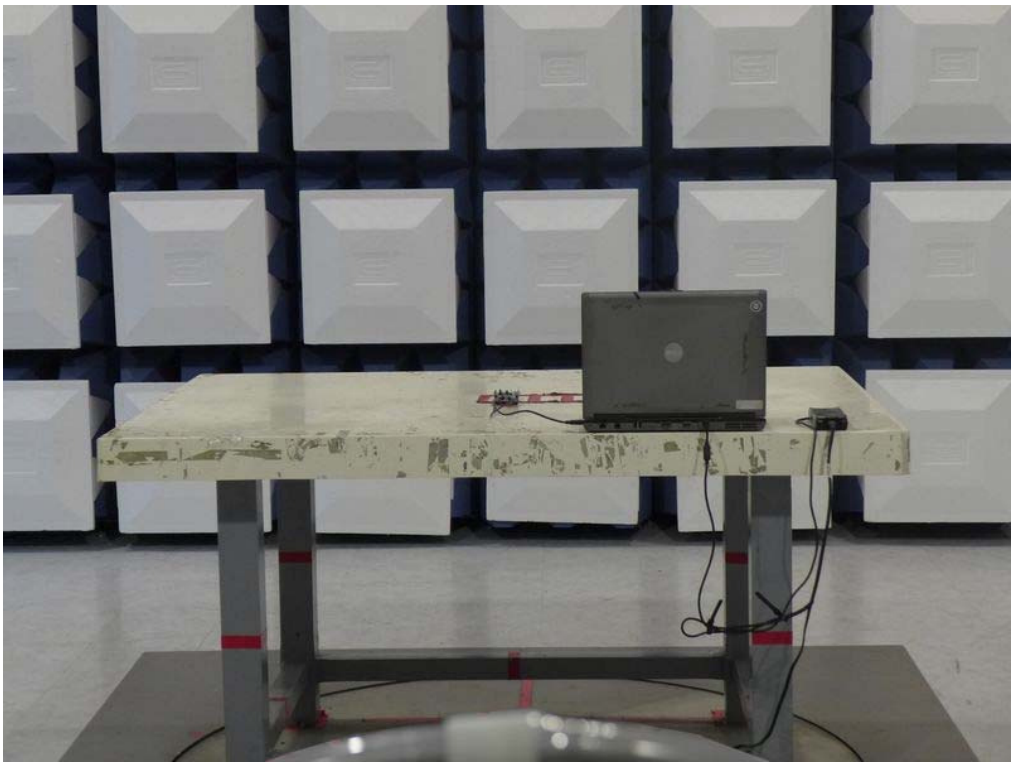
For Printed Ant.



Radiated Measurement Photos

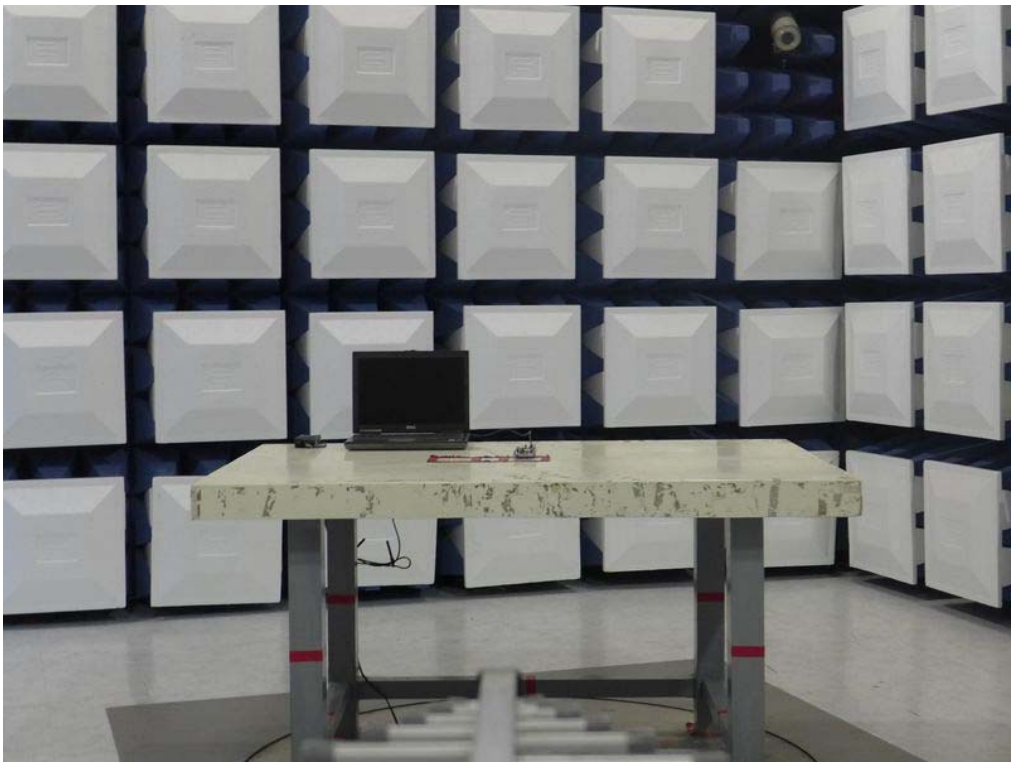
9KHz to 30MHz For Printed Ant.

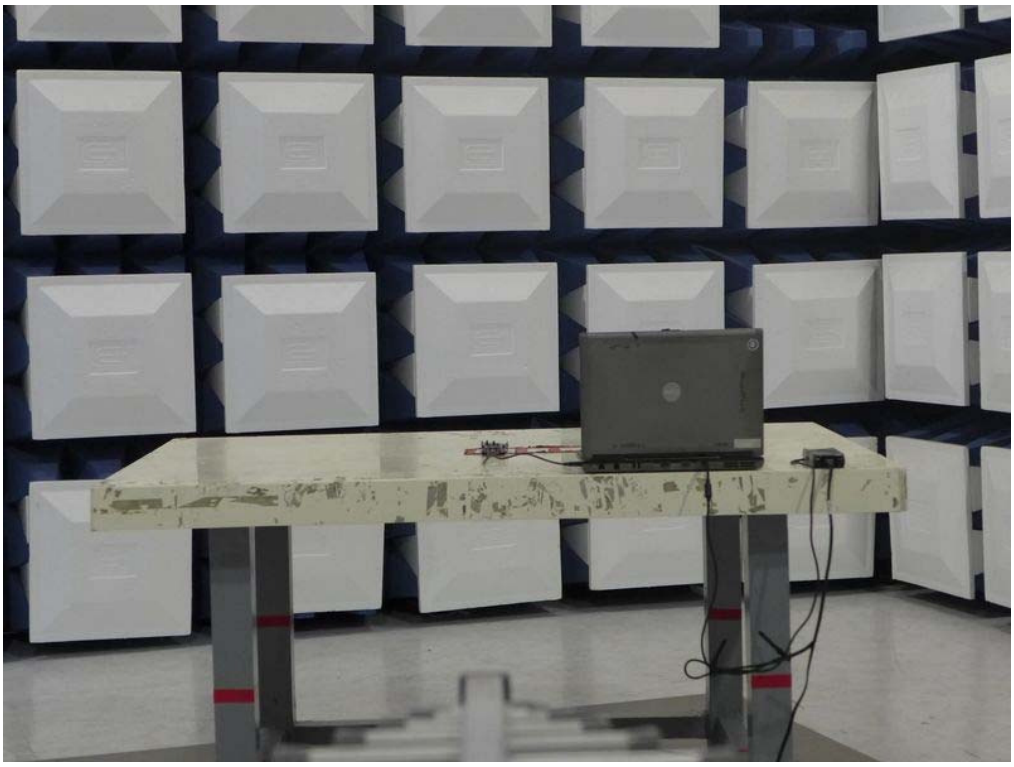




Radiated Measurement Photos

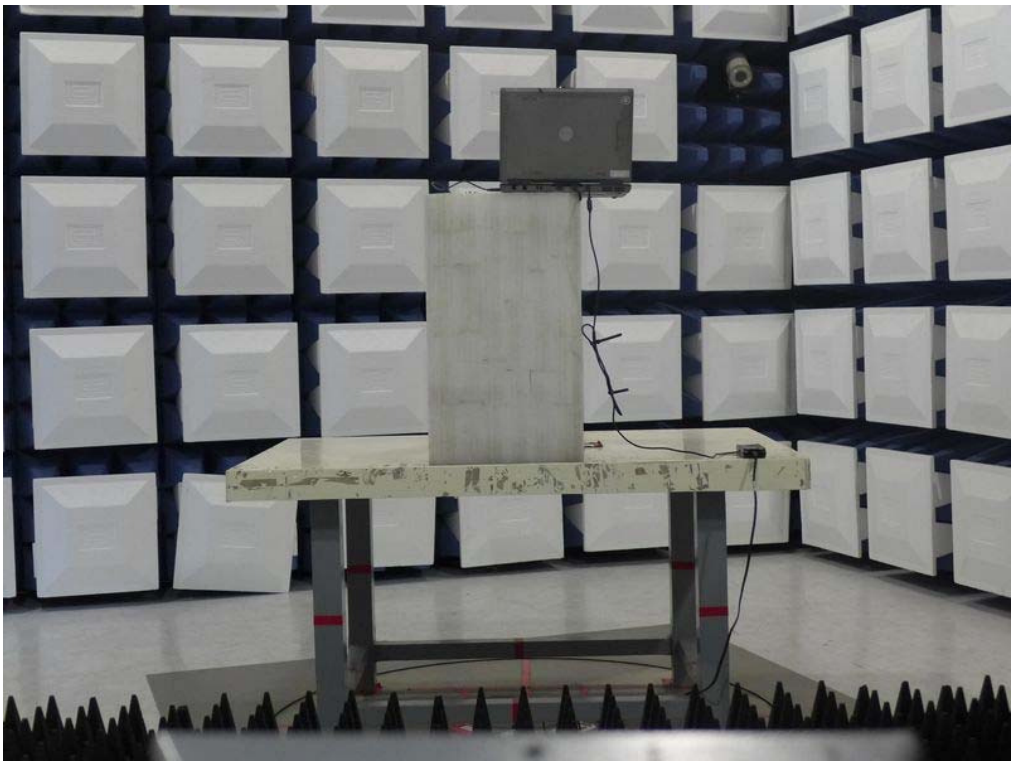
30MHz to 1000MHz For Printed Ant.





Radiated Measurement Photos

Above 1000MHz For Printed Ant.

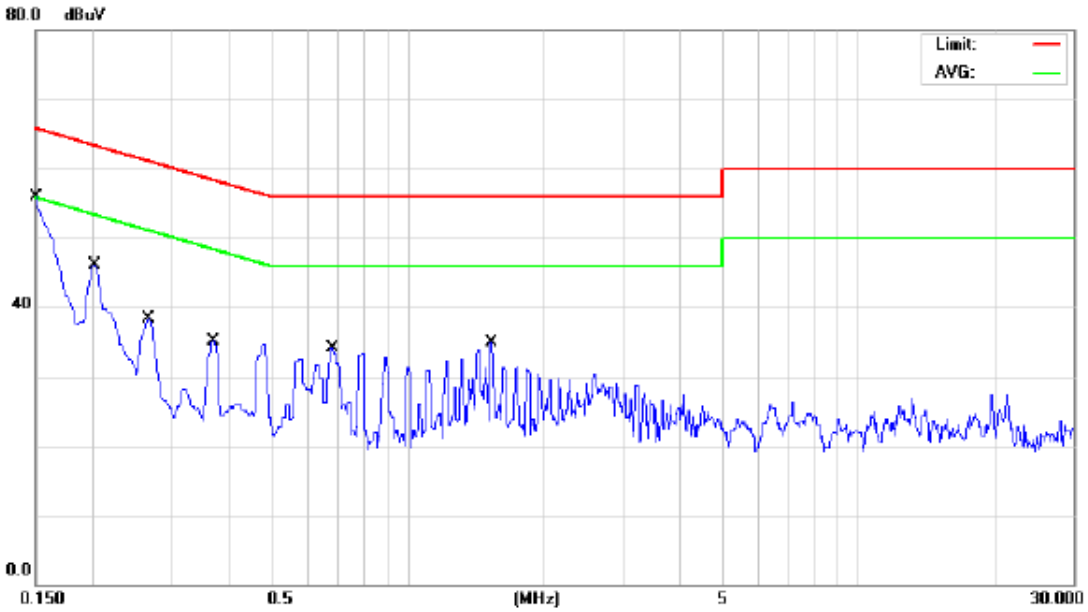


ATTACHMENT A - CONDUCTED EMISSION

For Dipole Ant.

Test Mode :	TX Mode

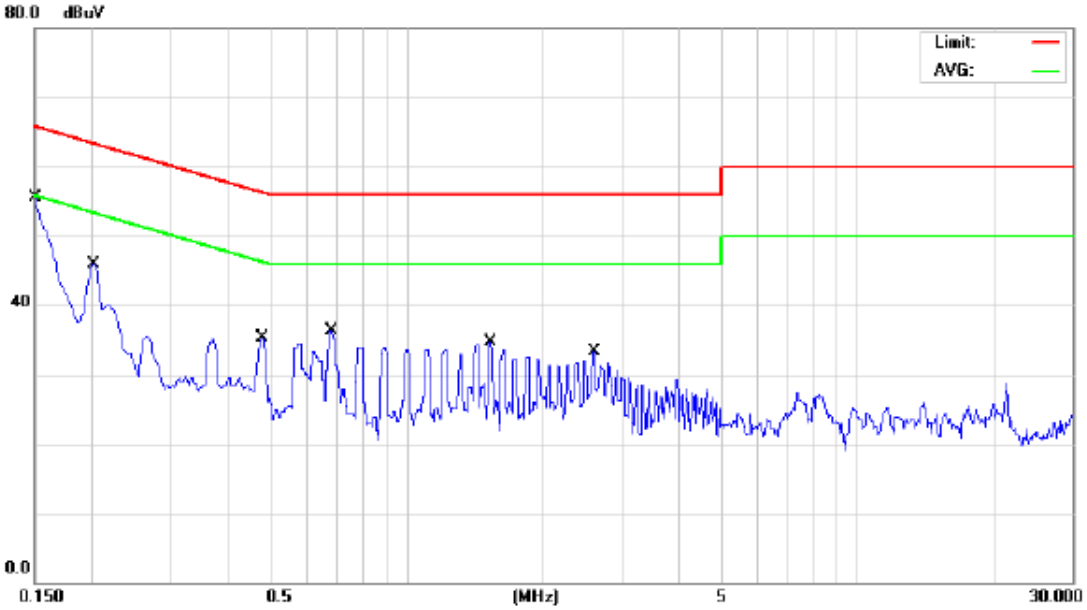
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	33.70	9.64	43.34	65.99	-22.65	QP	
2		0.1500	23.00	9.64	32.64	55.99	-23.35	AVG	
3		0.2011	33.50	9.63	43.13	63.56	-20.43	QP	
4	*	0.2011	30.70	9.63	40.33	53.56	-13.23	AVG	
5		0.2662	25.20	9.63	34.83	61.23	-26.40	QP	
6		0.2662	23.00	9.63	32.63	51.23	-18.60	AVG	
7		0.3711	22.60	9.63	32.23	58.47	-26.24	QP	
8		0.3711	15.90	9.63	25.53	48.47	-22.94	AVG	
9		0.6800	23.70	9.65	33.35	56.00	-22.65	QP	
10		0.6800	14.10	9.65	23.75	46.00	-22.25	AVG	
11		1.5349	20.60	9.71	30.31	56.00	-25.69	QP	
12		1.5349	6.90	9.71	16.61	46.00	-29.39	AVG	

Test Mode :	TX Mode

Neutral

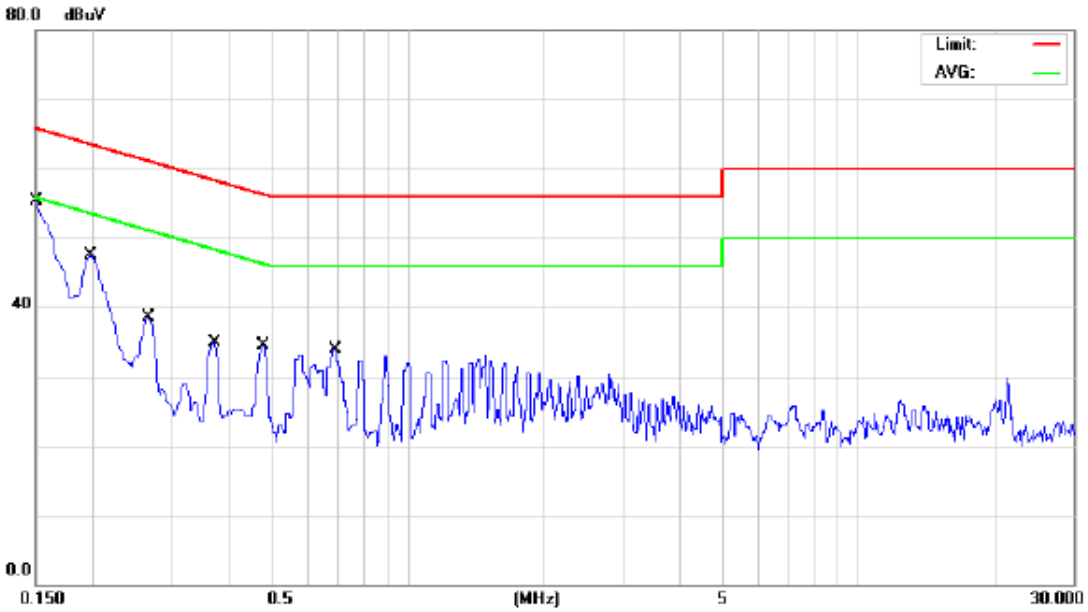


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	33.40	9.63	43.03	65.99	-22.96	QP	
2		0.1500	18.80	9.63	28.43	55.99	-27.56	AVG	
3		0.2025	33.60	9.63	43.23	63.50	-20.27	QP	
4	*	0.2025	30.90	9.63	40.53	53.50	-12.97	AVG	
5		0.4783	21.90	9.65	31.55	56.37	-24.82	QP	
6		0.4783	12.50	9.65	22.15	46.37	-24.22	AVG	
7		0.6800	22.70	9.66	32.36	56.00	-23.64	QP	
8		0.6800	15.00	9.66	24.66	46.00	-21.34	AVG	
9		1.5350	21.50	9.70	31.20	56.00	-24.80	QP	
10		1.5350	9.10	9.70	18.80	46.00	-27.20	AVG	
11		2.5970	17.30	9.75	27.05	56.00	-28.95	QP	
12		2.5970	6.70	9.75	16.45	46.00	-29.55	AVG	

For PCB Ant.

Test Mode :	TX Mode

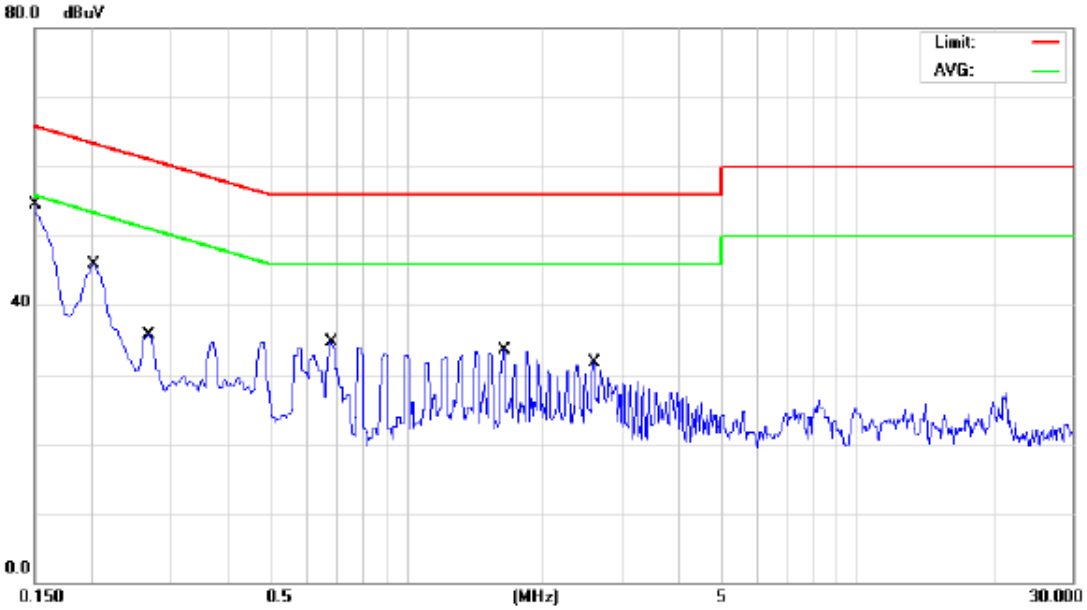
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	34.10	9.64	43.74	65.99	-22.25	QP	
2		0.1500	23.20	9.64	32.84	55.99	-23.15	AVG	
3		0.1983	33.40	9.63	43.03	63.68	-20.65	QP	
4	*	0.1983	30.70	9.63	40.33	53.68	-13.35	AVG	
5		0.2669	25.20	9.63	34.83	61.21	-26.38	QP	
6		0.2669	21.90	9.63	31.53	51.21	-19.68	AVG	
7		0.3719	22.10	9.63	31.73	58.46	-26.73	QP	
8		0.3719	15.20	9.63	24.83	48.46	-23.63	AVG	
9		0.4776	21.30	9.64	30.94	56.38	-25.44	QP	
10		0.4776	11.00	9.64	20.64	46.38	-25.74	AVG	
11		0.6889	21.40	9.65	31.05	56.00	-24.95	QP	
12		0.6889	11.00	9.65	20.65	46.00	-25.35	AVG	

Test Mode :	TX Mode

Neutral

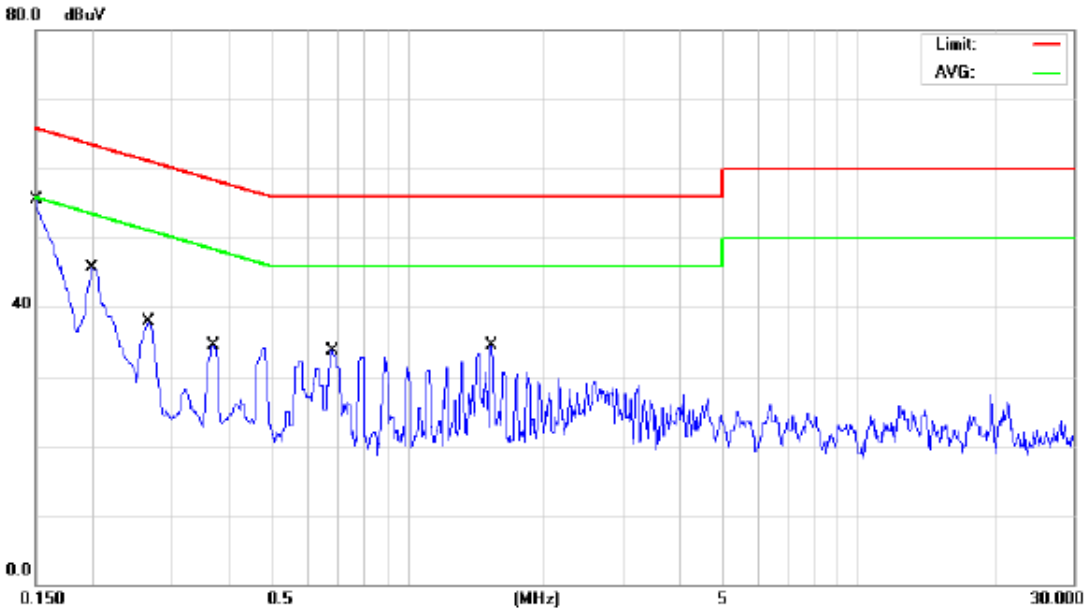


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	32.60	9.63	42.23	65.99	-23.76	QP	
2		0.1500	19.60	9.63	29.23	55.99	-26.76	AVG	
3		0.2025	34.40	9.63	44.03	63.50	-19.47	QP	
4	*	0.2025	32.10	9.63	41.73	53.50	-11.77	AVG	
5		0.2676	21.40	9.63	31.03	61.19	-30.16	QP	
6		0.2676	16.70	9.63	26.33	51.19	-24.86	AVG	
7		0.6800	22.70	9.66	32.36	56.00	-23.64	QP	
8		0.6800	13.90	9.66	23.56	46.00	-22.44	AVG	
9		1.6430	19.50	9.70	29.20	56.00	-26.80	QP	
10		1.6430	7.40	9.70	17.10	46.00	-28.90	AVG	
11		2.5970	17.30	9.75	27.05	56.00	-28.95	QP	
12		2.5970	6.50	9.75	16.25	46.00	-29.75	AVG	

For Printed Ant.

Test Mode :	TX Mode

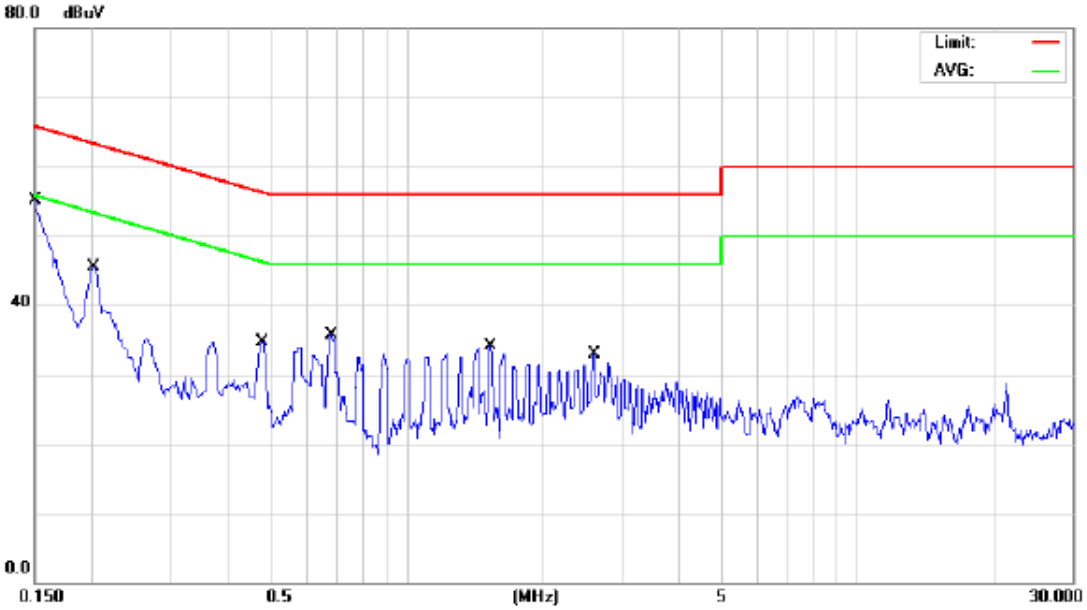
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	33.50	9.64	43.14	65.99	-22.85	QP	
2		0.1500	22.90	9.64	32.54	55.99	-23.45	AVG	
3		0.1995	33.50	9.63	43.13	63.63	-20.50	QP	
4	*	0.1995	30.50	9.63	40.13	53.63	-13.50	AVG	
5		0.2661	25.10	9.63	34.73	61.24	-26.51	QP	
6		0.2661	22.80	9.63	32.43	51.24	-18.81	AVG	
7		0.3709	22.60	9.63	32.23	58.48	-26.25	QP	
8		0.3709	15.80	9.63	25.43	48.48	-23.05	AVG	
9		0.6800	23.50	9.65	33.15	56.00	-22.85	QP	
10		0.6800	14.00	9.65	23.65	46.00	-22.35	AVG	
11		1.5347	20.30	9.71	30.01	56.00	-25.99	QP	
12		1.5347	6.70	9.71	16.41	46.00	-29.59	AVG	

Test Mode :	TX Mode

Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	33.30	9.63	42.93	65.99	-23.06	QP	
2		0.1500	18.60	9.63	28.23	55.99	-27.76	AVG	
3		0.2025	33.40	9.63	43.03	63.50	-20.47	QP	
4	*	0.2025	30.80	9.63	40.43	53.50	-13.07	AVG	
5		0.4782	21.80	9.65	31.45	56.37	-24.92	QP	
6		0.4782	12.50	9.65	22.15	46.37	-24.22	AVG	
7		0.6800	22.70	9.66	32.36	56.00	-23.64	QP	
8		0.6800	14.90	9.66	24.56	46.00	-21.44	AVG	
9		1.5348	21.30	9.70	31.00	56.00	-25.00	QP	
10		1.5348	9.00	9.70	18.70	46.00	-27.30	AVG	
11		2.5969	17.10	9.75	26.85	56.00	-29.15	QP	
12		2.5969	6.60	9.75	16.35	46.00	-29.65	AVG	

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

For Dipole Ant.

Test Mode:	TX Mode

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0143	0°	28.61	22.29	50.90	104.50	-53.60	AVG
0.0143	0°	26.55	22.29	48.84	124.50	-75.66	PEAK
0.0265	0°	23.62	21.99	45.61	99.14	-53.53	AVG
0.0265	0°	26.81	21.99	48.80	119.14	-70.34	PEAK
0.0524	0°	24.58	21.36	45.94	93.22	-47.28	AVG
0.0524	0°	27.63	21.36	48.99	113.22	-64.23	PEAK
0.0852	0°	24.36	20.84	45.20	89.00	-43.80	AVG
0.0852	0°	26.24	20.84	47.08	109.00	-61.92	PEAK
1.332	0°	26.4	20.27	46.67	65.11	-18.45	QP
1.65	0°	24.75	19.95	44.70	63.25	-18.55	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0173	90°	27.65	22.22	49.87	102.84	-52.98	AVG
0.0173	90°	26.35	22.22	48.57	122.84	-74.28	PEAK
0.0241	90°	24.3	22.05	46.35	99.96	-53.62	AVG
0.0241	90°	26.36	22.05	48.41	119.96	-71.56	PEAK
0.0526	90°	24.62	21.36	45.98	93.18	-47.21	AVG
0.0526	90°	26.84	21.36	48.20	113.18	-64.99	PEAK
0.068	90°	24.61	21.11	45.72	90.95	-45.23	AVG
0.068	90°	26.62	21.11	47.73	110.95	-63.22	PEAK
1.62	90°	26.35	19.98	46.33	63.41	-17.08	QP
1.82	90°	24.85	19.78	44.63	69.54	-24.91	QP

For PCB Ant.

Test Mode:	TX Mode

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0144	0°	28.61	22.29	50.90	104.44	-53.54	AVG
0.0144	0°	27.63	22.29	49.92	124.44	-74.52	PEAK
0.0268	0°	25.62	21.98	47.60	99.04	-51.44	AVG
0.0268	0°	26.54	21.98	48.52	119.04	-70.52	PEAK
0.067	0°	24.35	21.13	45.48	91.08	-45.60	AVG
0.067	0°	27.38	21.13	48.51	111.08	-62.57	PEAK
0.0853	0°	24.92	20.84	45.76	88.99	-43.23	AVG
0.0853	0°	26.31	20.84	47.15	108.99	-61.84	PEAK
1.311	0°	26.55	20.29	46.84	65.25	-18.41	QP
1.7	0°	24.95	19.90	44.85	63.00	-18.15	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0155	90°	27.64	22.26	49.90	103.80	-53.90	AVG
0.0155	90°	26.82	22.26	49.08	123.80	-74.72	PEAK
0.0261	90°	25.61	22.00	47.61	99.27	-51.66	AVG
0.0261	90°	26.38	22.00	48.38	119.27	-70.89	PEAK
0.053	90°	24.82	21.35	46.17	93.12	-46.95	AVG
0.053	90°	26.31	21.35	47.66	113.12	-65.46	PEAK
0.0683	90°	24.42	21.11	45.53	90.92	-45.39	AVG
0.0683	90°	26.87	21.11	47.98	110.92	-62.94	PEAK
1.42	90°	25.83	20.18	46.01	64.56	-18.55	QP
1.66	90°	26.57	19.94	46.51	63.20	-16.69	QP

For Printed Ant.

Test Mode:	TX Mode

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0155	0°	27.92	22.26	50.18	103.80	-53.62	AVG
0.0155	0°	26.37	22.26	48.63	123.80	-75.17	PEAK
0.0275	0°	24.62	21.96	46.58	98.82	-52.24	AVG
0.0275	0°	23.85	21.96	45.81	118.82	-73.01	PEAK
0.0601	0°	25.92	21.24	47.16	92.03	-44.87	AVG
0.0601	0°	26.21	21.24	47.45	112.03	-64.58	PEAK
0.0892	0°	25.64	20.77	46.41	88.60	-42.18	AVG
0.0892	0°	26.88	20.77	47.65	108.60	-60.94	PEAK
1.256	0°	25.27	20.34	45.61	65.62	-20.01	QP
1.57	0°	25.97	20.03	46.00	63.69	-17.69	QP

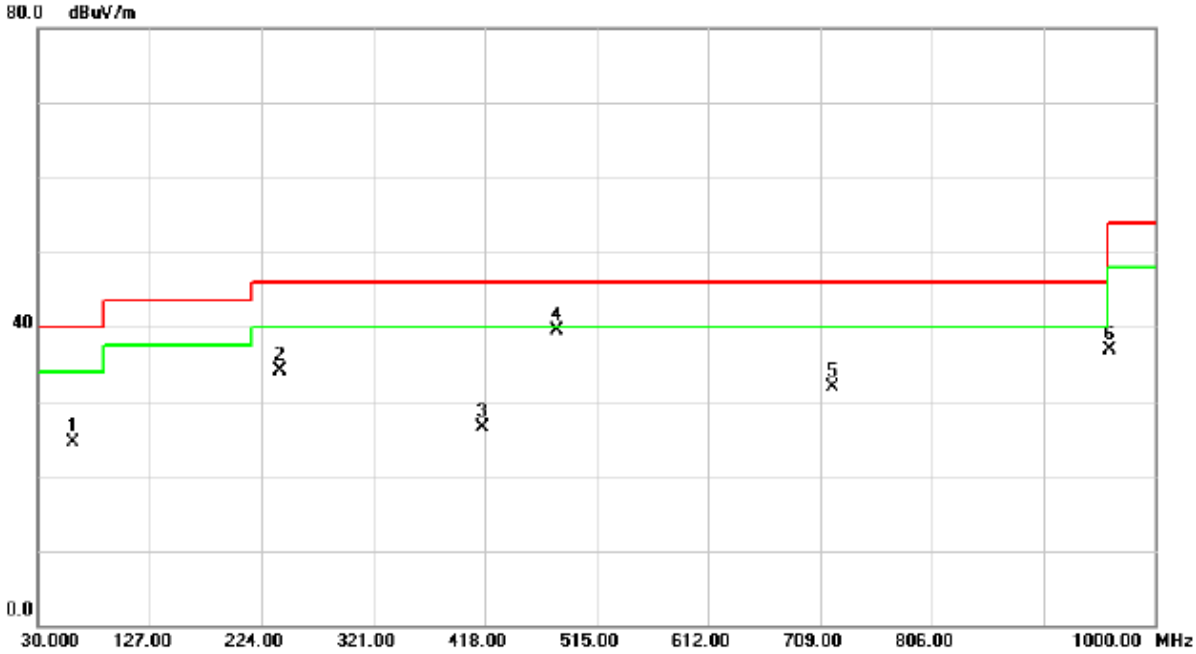
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0176	90°	27.62	22.21	49.83	102.69	-52.86	AVG
0.0176	90°	26.95	22.21	49.16	122.69	-73.53	PEAK
0.0248	90°	25.17	22.03	47.20	99.72	-52.52	AVG
0.0248	90°	26.58	22.03	48.61	119.72	-71.11	PEAK
0.0532	90°	24.38	21.35	45.73	93.09	-47.36	AVG
0.0532	90°	27.62	21.35	48.97	113.09	-64.12	PEAK
0.073	90°	24.18	21.03	45.21	90.34	-45.13	AVG
0.073	90°	26.8	21.03	47.83	110.34	-62.51	PEAK
1.59	90°	26.39	20.01	46.40	63.58	-17.18	QP
1.89	90°	25.17	19.71	44.88	69.54	-24.66	QP

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

For Dipole Ant.

Test Mode:	TX B Mode Channel 06

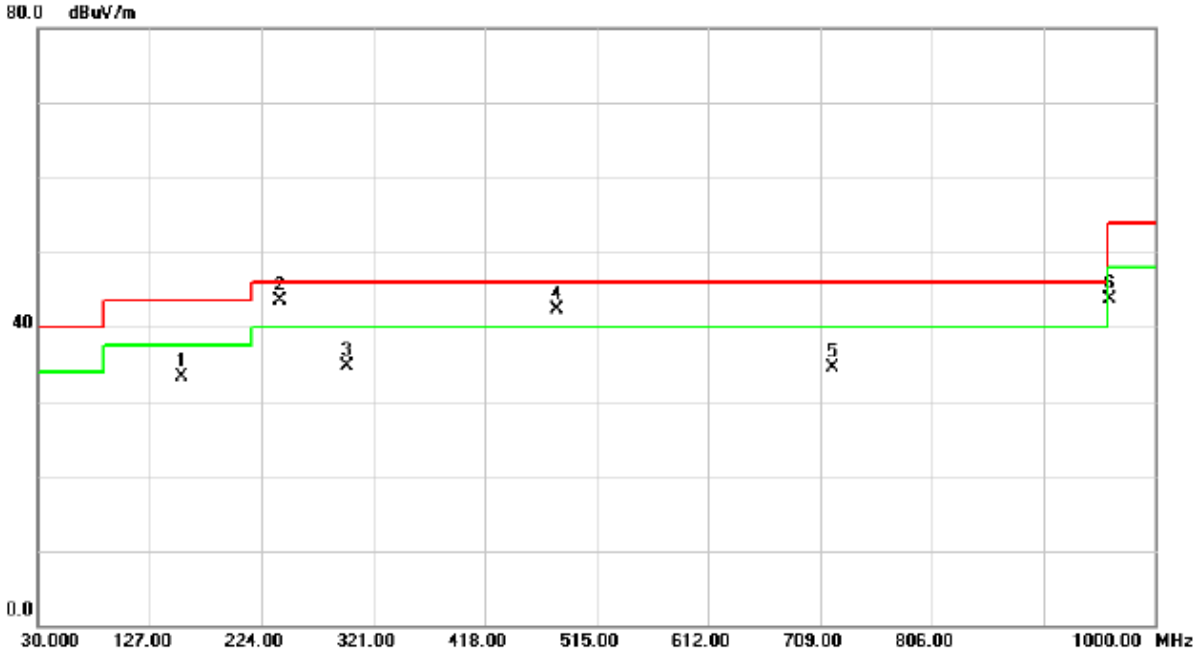
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		60.0700	38.34	-13.85	24.49	40.00	-15.51	peak	
2		239.5200	47.69	-13.49	34.20	46.00	-11.80	peak	
3		416.0600	35.97	-9.50	26.47	46.00	-19.53	peak	
4	*	480.0800	47.98	-8.53	39.45	46.00	-6.55	peak	
5		719.6700	35.99	-4.09	31.90	46.00	-14.10	peak	
6		960.2300	37.53	-0.68	36.85	54.00	-17.15	peak	

Test Mode:	TX B Mode Channel 06

Horizontal

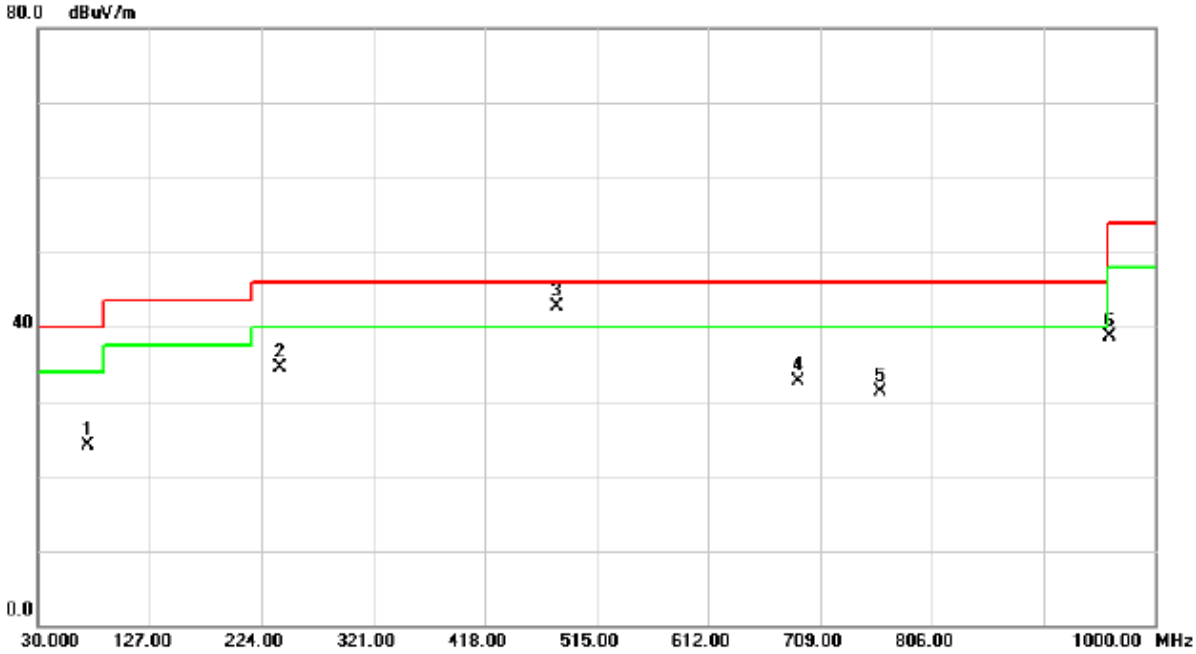


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		155.1300	47.44	-14.23	33.21	43.50	-10.29	peak	
2	*	239.5200	56.95	-13.49	43.46	46.00	-2.54	peak	
3		298.6900	46.11	-11.44	34.67	46.00	-11.33	peak	
4	!	480.0800	50.83	-8.53	42.30	46.00	-3.70	peak	
5		719.6700	38.68	-4.09	34.59	46.00	-11.41	peak	
6		960.2300	44.33	-0.68	43.65	54.00	-10.35	peak	

For PCB Ant.

Test Mode:	TX B Mode Channel 06

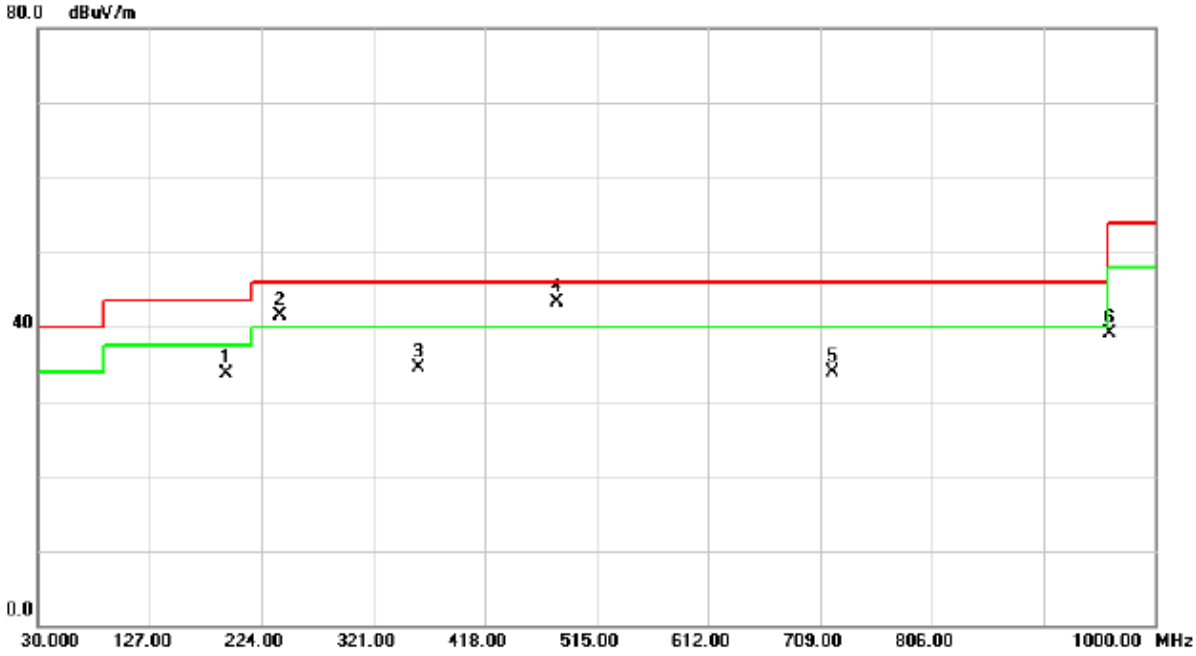
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		72.6800	40.11	-16.01	24.10	40.00	-15.90	peak	
2		239.5200	48.07	-13.49	34.58	46.00	-11.42	peak	
3	*	480.0800	51.22	-8.53	42.69	46.00	-3.31	peak	
4		689.6000	37.46	-4.71	32.75	46.00	-13.25	peak	
5		761.3800	34.78	-3.46	31.32	46.00	-14.68	peak	
6		960.2300	39.41	-0.68	38.73	54.00	-15.27	peak	

Test Mode:	TX B Mode Channel 06

Horizontal

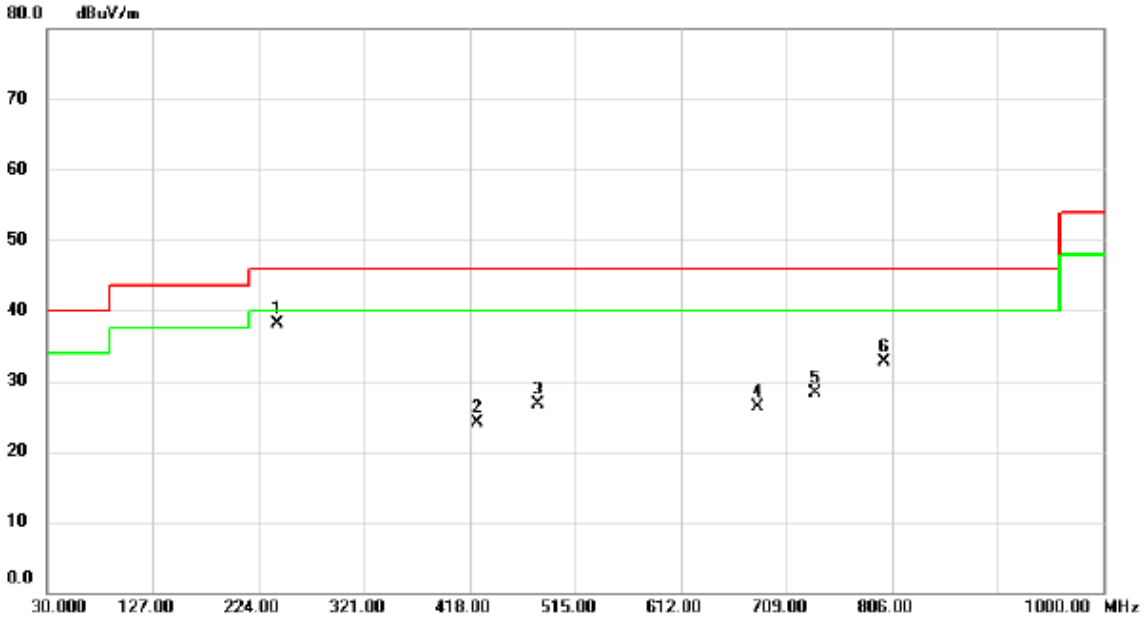


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		192.9600	48.70	-15.05	33.65	43.50	-9.85	peak	
2	!	240.4900	54.96	-13.45	41.51	46.00	-4.49	peak	
3		359.8000	44.67	-10.25	34.42	46.00	-11.58	peak	
4	*	480.0800	51.83	-8.53	43.30	46.00	-2.70	peak	
5		719.6700	38.06	-4.09	33.97	46.00	-12.03	peak	
6		960.2300	39.72	-0.68	39.04	54.00	-14.96	peak	

For Printed Ant.

Test Mode:	TX B Mode Channel 06

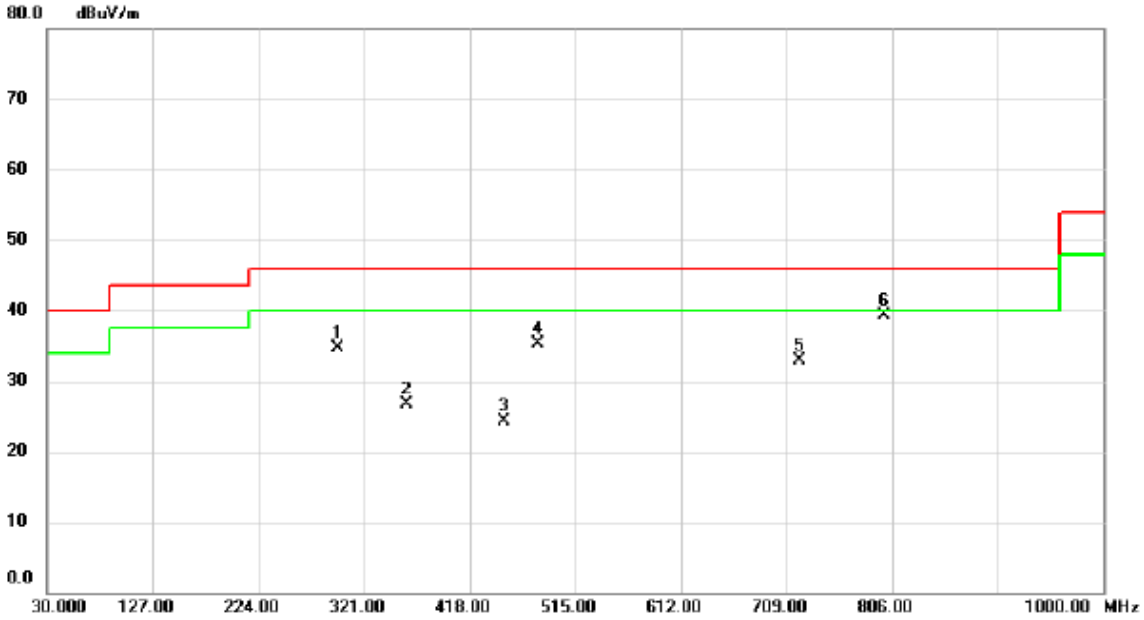
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	240.9750	53.41	-15.25	38.16	46.00	-7.84	peak	
2		425.2750	34.53	-10.49	24.04	46.00	-21.96	peak	
3		481.0500	36.19	-9.55	26.64	46.00	-19.36	peak	
4		682.3250	32.19	-5.97	26.22	46.00	-19.78	peak	
5		735.6750	33.35	-5.07	28.28	46.00	-17.72	peak	
6		798.7250	36.67	-3.91	32.76	46.00	-13.24	peak	

Test Mode:	TX B Mode Channel 06

Horizontal



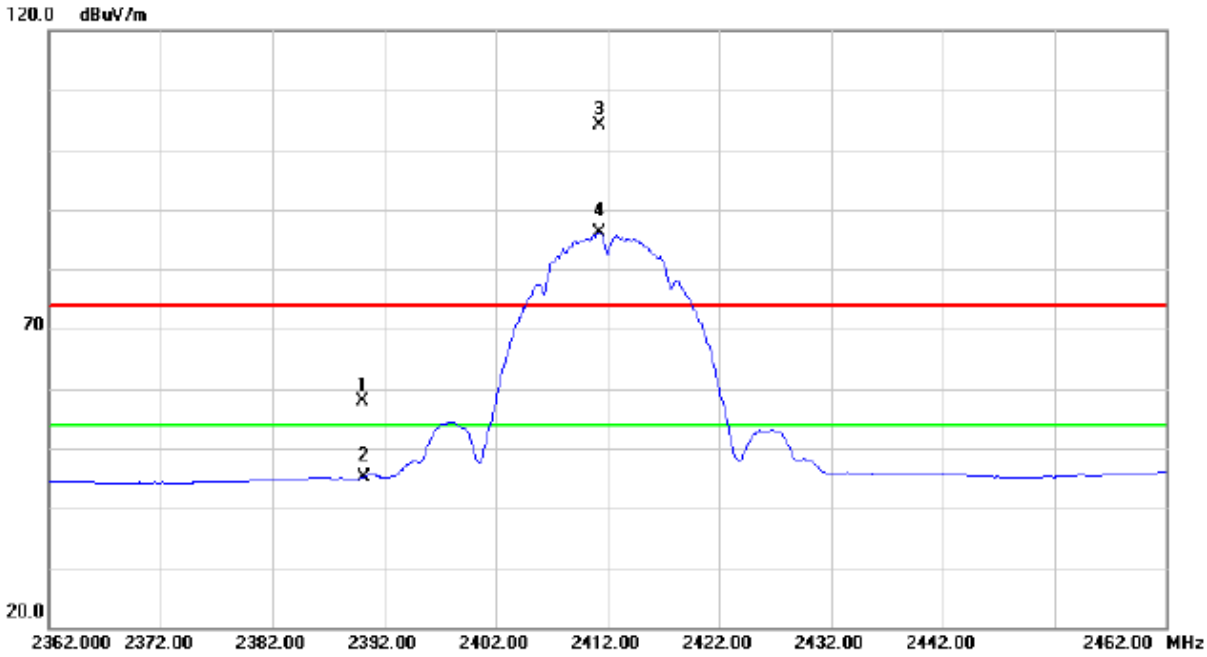
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		296.7500	48.49	-13.74	34.75	46.00	-11.25	peak	
2		359.8000	39.01	-12.29	26.72	46.00	-19.28	peak	
3		449.5250	34.14	-9.90	24.24	46.00	-21.76	peak	
4		481.0500	44.84	-9.55	35.29	46.00	-10.71	peak	
5		721.1250	38.10	-5.24	32.86	46.00	-13.14	peak	
6	*	798.7250	43.18	-3.91	39.27	46.00	-6.73	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

For Dipole Ant.

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

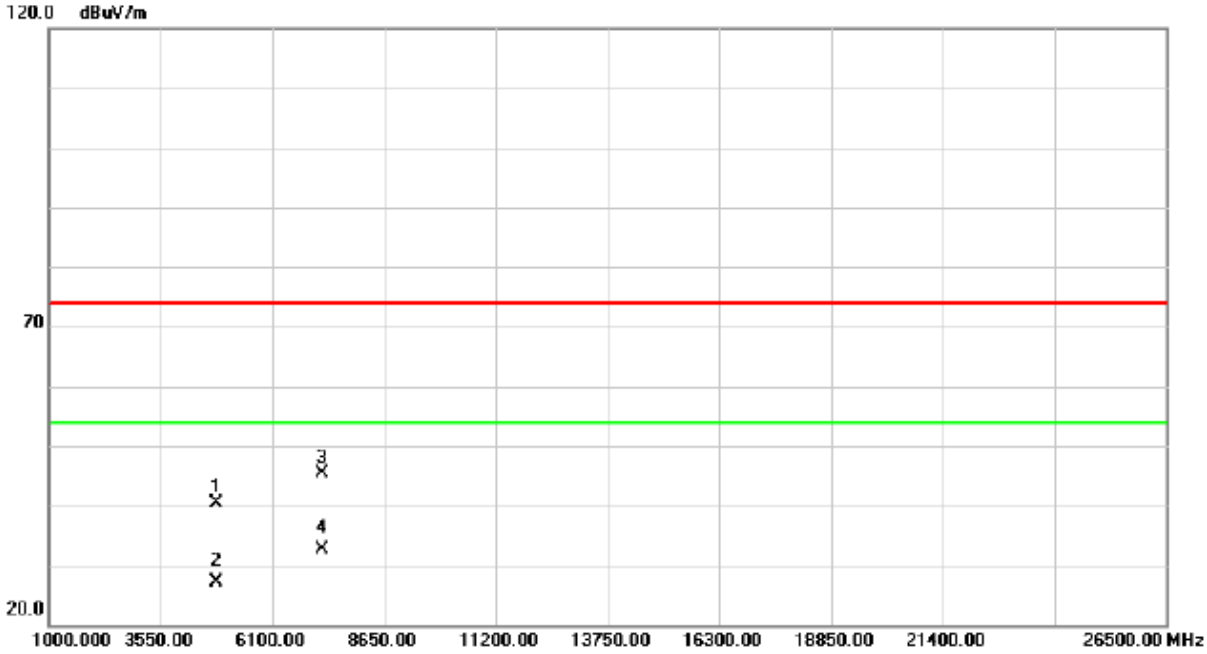
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	27.42	30.56	57.98	74.00	-16.02	peak	
2		2390.000	14.52	30.56	45.08	54.00	-8.92	AVG	
3	X	2411.200	73.38	30.64	104.02	74.00	30.02	peak	no limit
4	*	2411.200	55.50	30.64	86.14	54.00	32.14	AVG	no limit

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

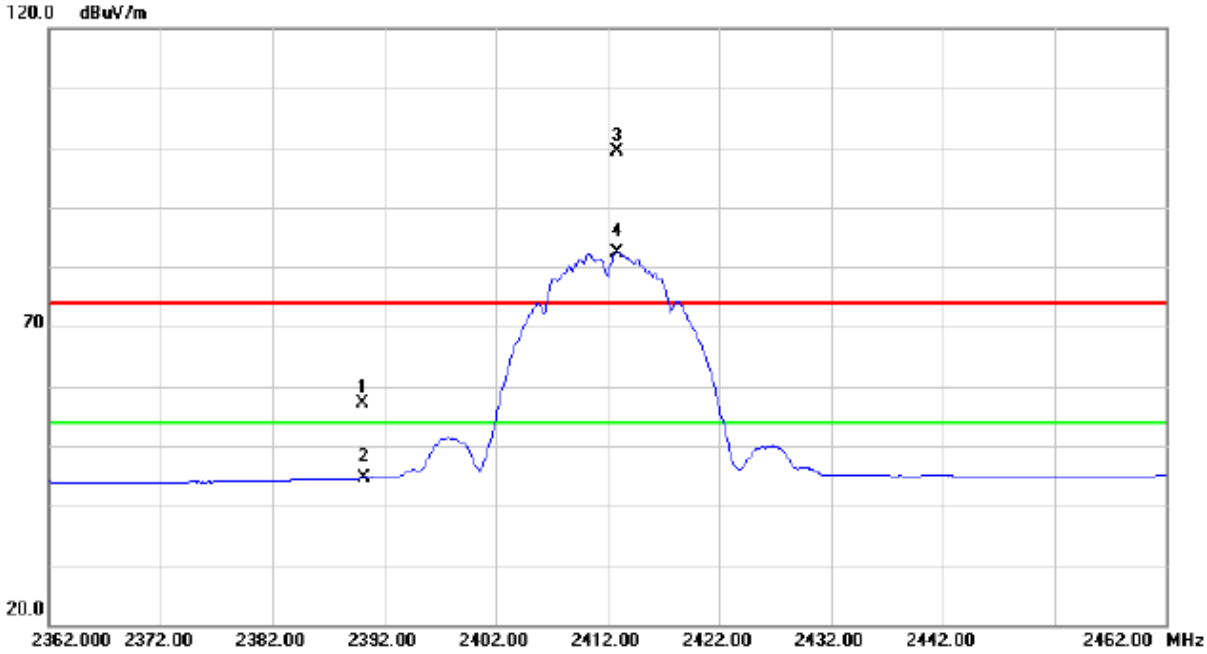
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.145	37.13	3.31	40.44	74.00	-33.56	peak	
2		4824.145	23.91	3.31	27.22	54.00	-26.78	AVG	
3		7234.045	36.80	8.46	45.26	74.00	-28.74	peak	
4	*	7234.045	24.09	8.46	32.55	54.00	-21.45	AVG	

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

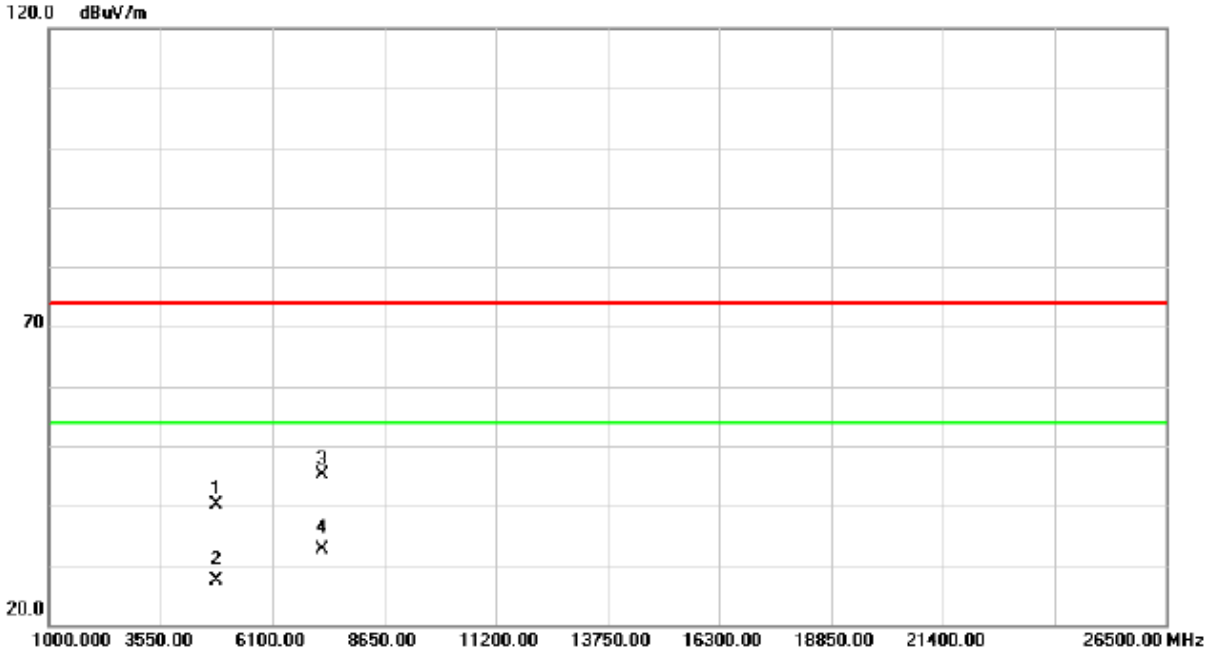
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	26.60	30.56	57.16	74.00	-16.84	peak	
2		2390.000	13.98	30.56	44.54	54.00	-9.46	AVG	
3	X	2412.900	68.62	30.64	99.26	74.00	25.26	peak	no limit
4	*	2412.900	51.74	30.64	82.38	54.00	28.38	AVG	no limit

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

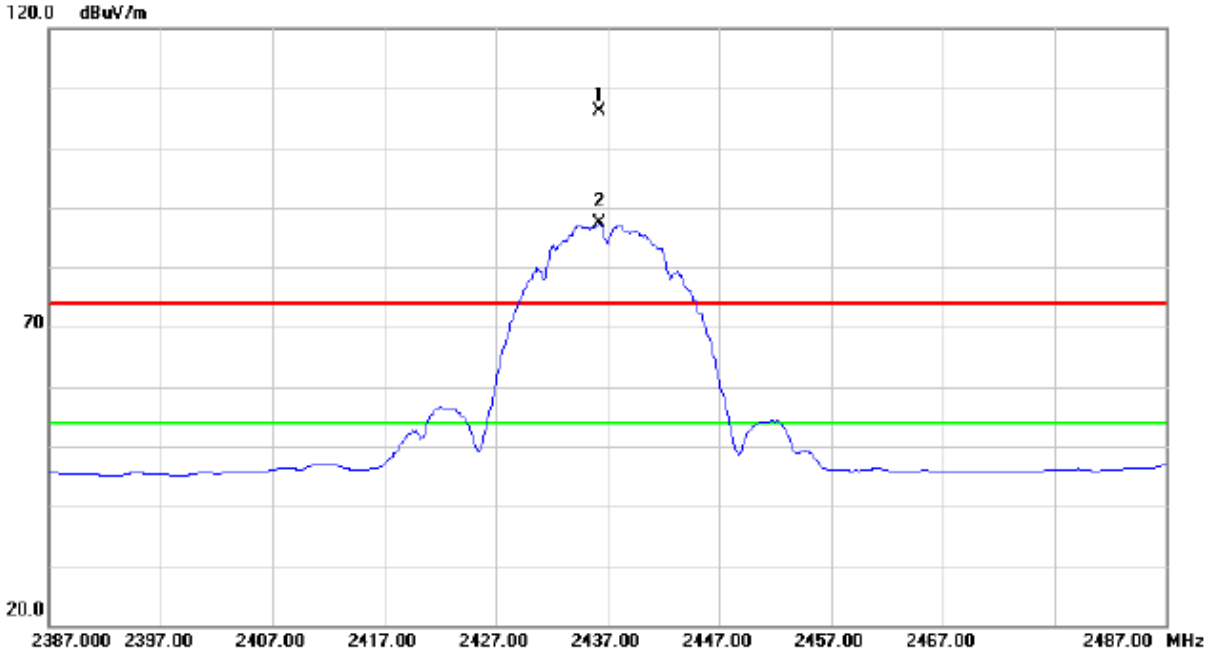
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.600	36.79	3.31	40.10	74.00	-33.90	peak	
2		4823.600	24.13	3.31	27.44	54.00	-26.56	AVG	
3		7234.820	36.68	8.46	45.14	74.00	-28.86	peak	
4	*	7234.820	24.09	8.46	32.55	54.00	-21.45	AVG	

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

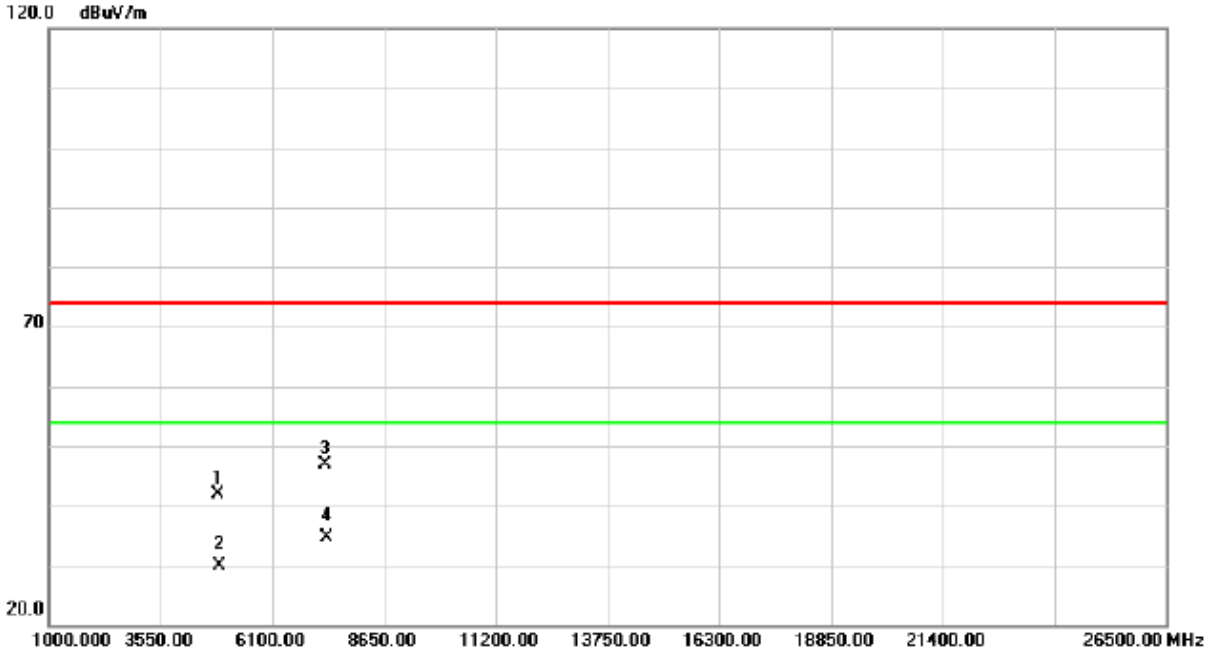
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.300	75.40	30.71	106.11	74.00	32.11	peak	no limit
2	*	2436.300	56.66	30.71	87.37	54.00	33.37	AVG	no limit

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

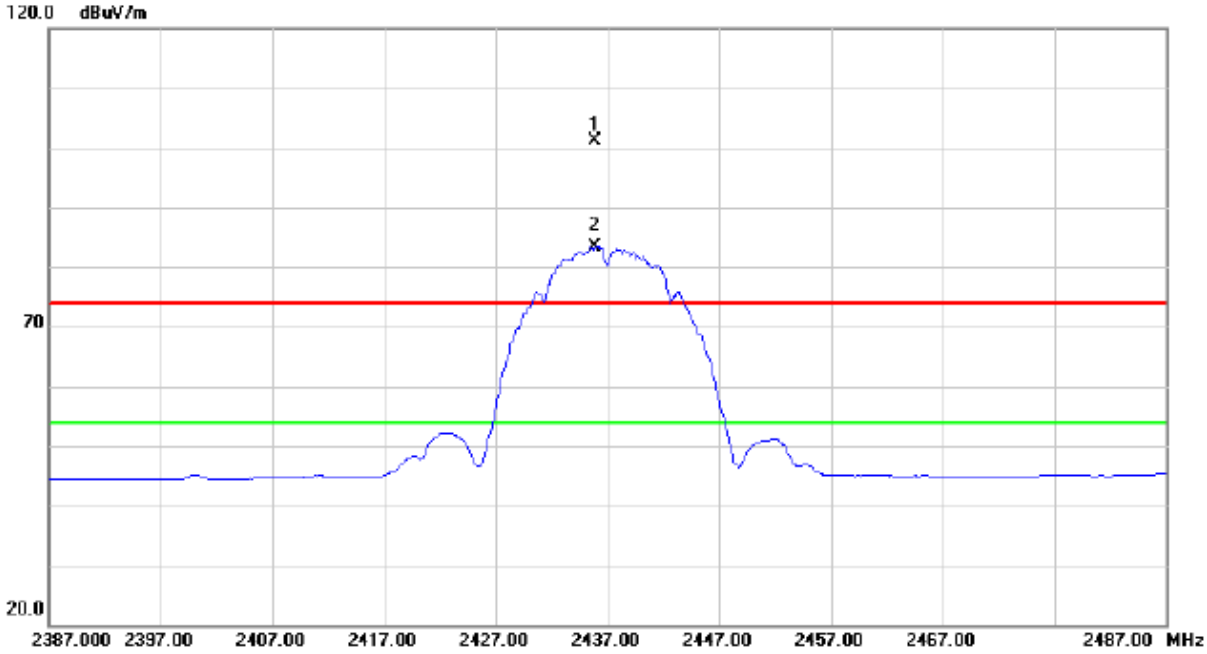
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.025	38.41	3.49	41.90	74.00	-32.10	peak	
2		4874.025	26.33	3.49	29.82	54.00	-24.18	AVG	
3		7310.180	38.27	8.61	46.88	74.00	-27.12	peak	
4	*	7310.180	26.14	8.61	34.75	54.00	-19.25	AVG	

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

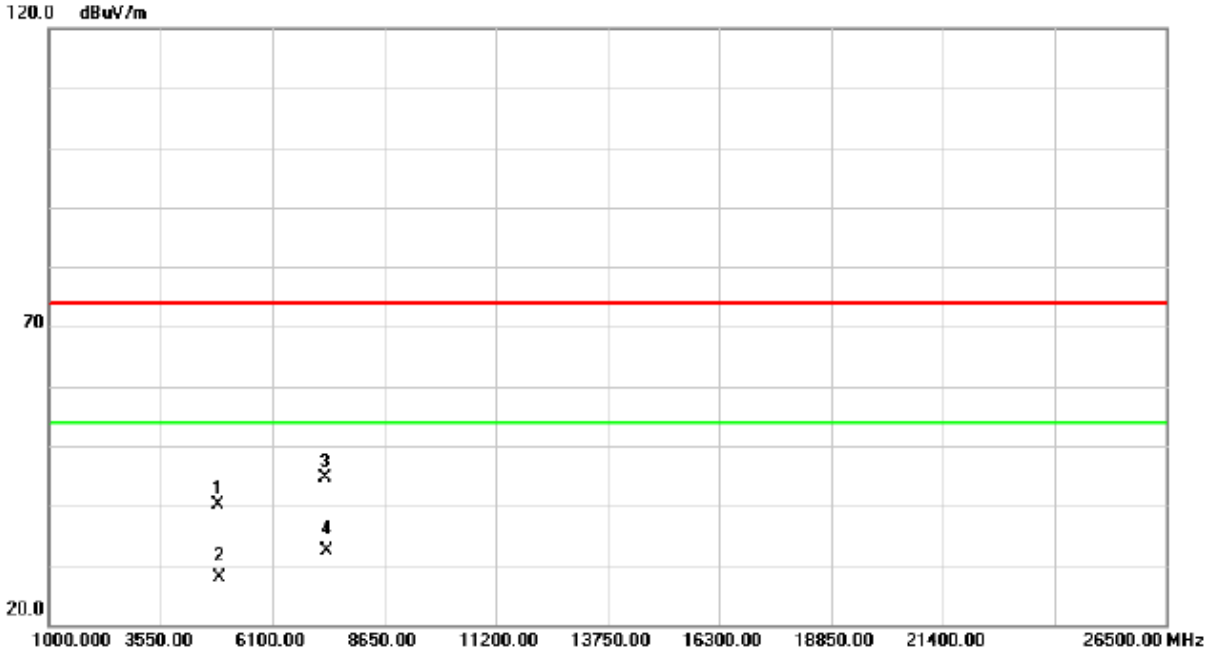
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.800	70.45	30.71	101.16	74.00	27.16	peak	no limit
2	*	2435.800	52.72	30.71	83.43	54.00	29.43	AVG	no limit

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

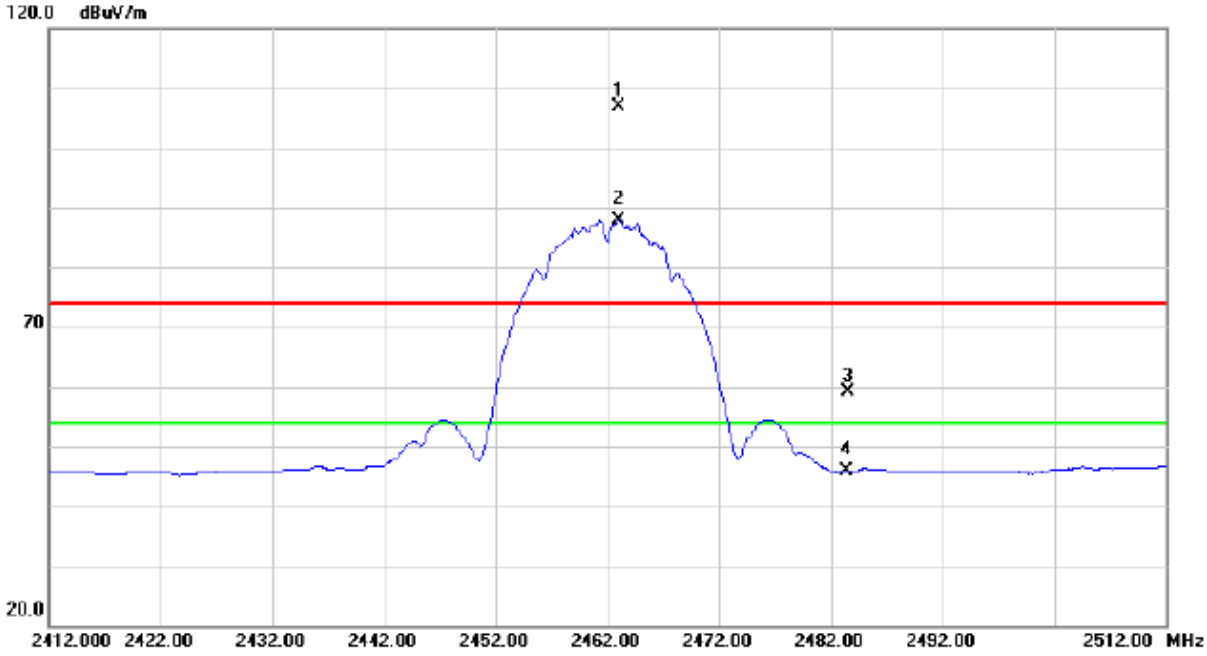
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4867.640	36.69	3.48	40.17	74.00	-33.83	peak	
2		4867.640	24.45	3.48	27.93	54.00	-26.07	AVG	
3		7306.080	35.97	8.60	44.57	74.00	-29.43	peak	
4	*	7306.080	23.80	8.60	32.40	54.00	-21.60	AVG	

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

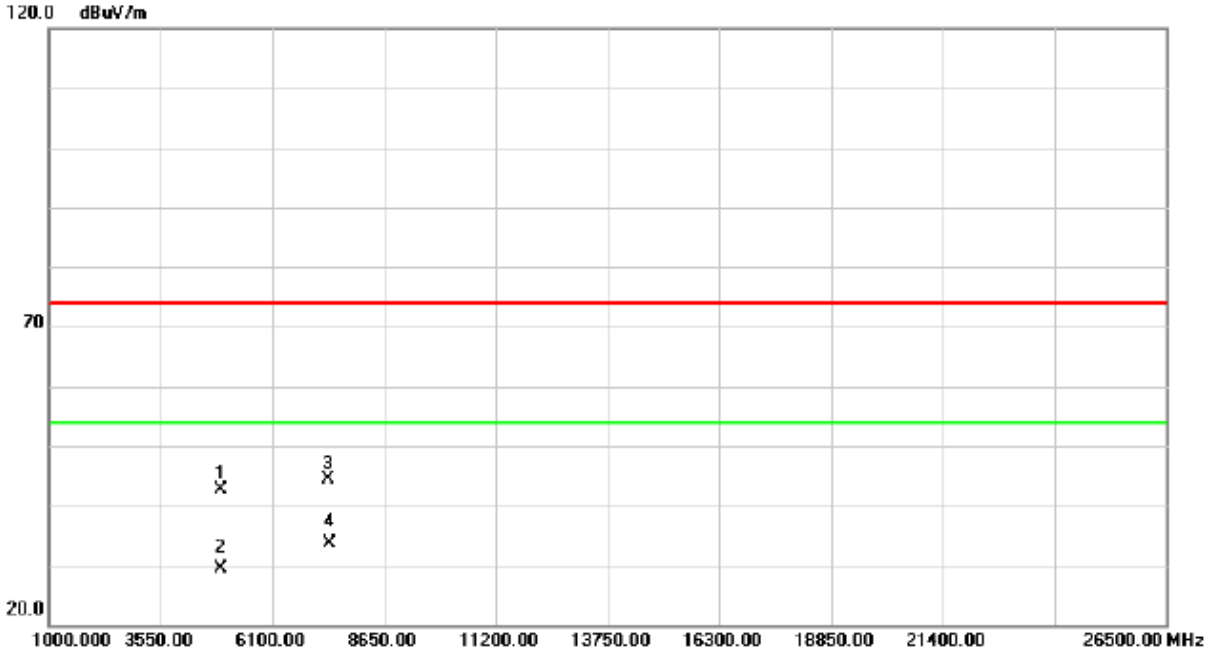
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2463.000	76.01	30.80	106.81	74.00	32.81	peak	no limit
2	*	2463.000	57.11	30.80	87.91	54.00	33.91	AVG	no limit
3		2483.500	28.17	30.87	59.04	74.00	-14.96	peak	
4		2483.500	14.97	30.87	45.84	54.00	-8.16	AVG	

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

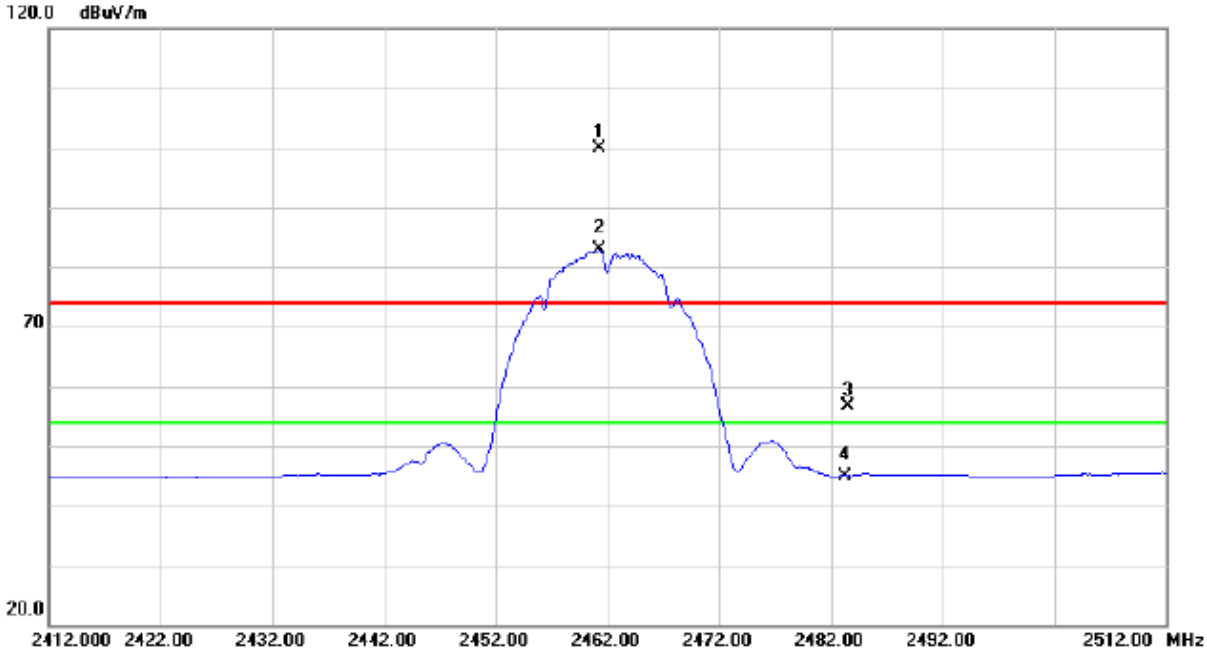
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.965	38.94	3.67	42.61	74.00	-31.39	peak	
2		4923.965	25.82	3.67	29.49	54.00	-24.51	AVG	
3		7385.060	35.60	8.74	44.34	74.00	-29.66	peak	
4	*	7385.060	24.89	8.74	33.63	54.00	-20.37	AVG	

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

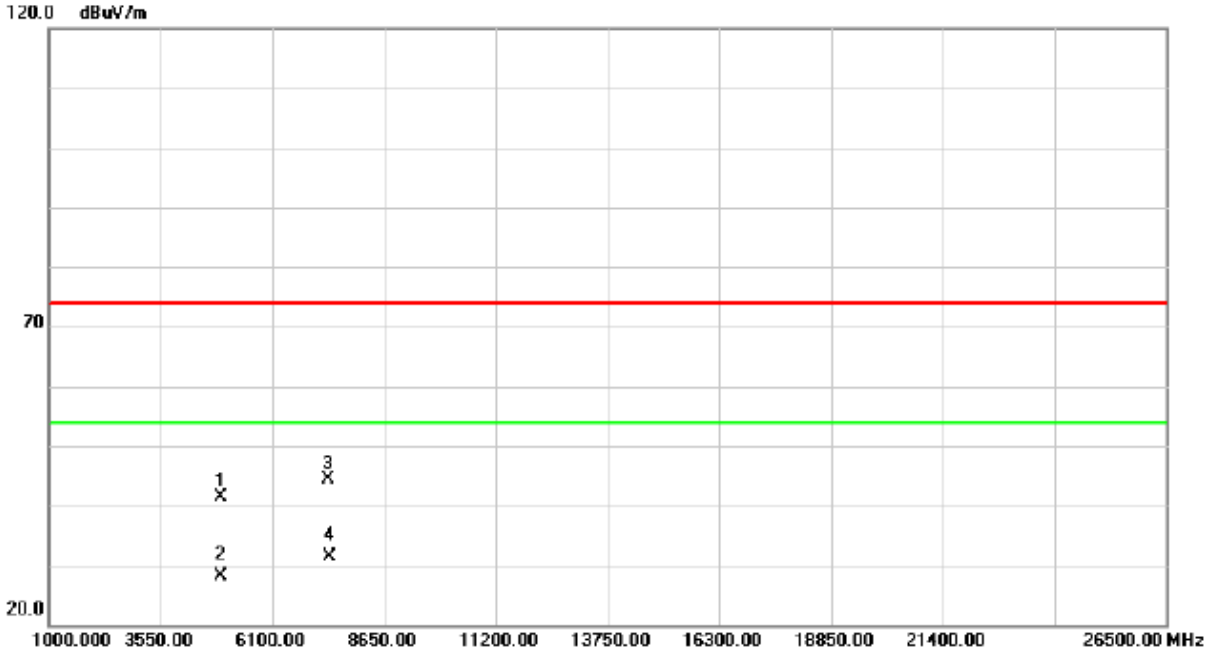
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.300	69.18	30.80	99.98	74.00	25.98	peak	no limit
2	*	2461.300	52.17	30.80	82.97	54.00	28.97	AVG	no limit
3		2483.500	25.69	30.87	56.56	74.00	-17.44	peak	
4		2483.500	14.13	30.87	45.00	54.00	-9.00	AVG	

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

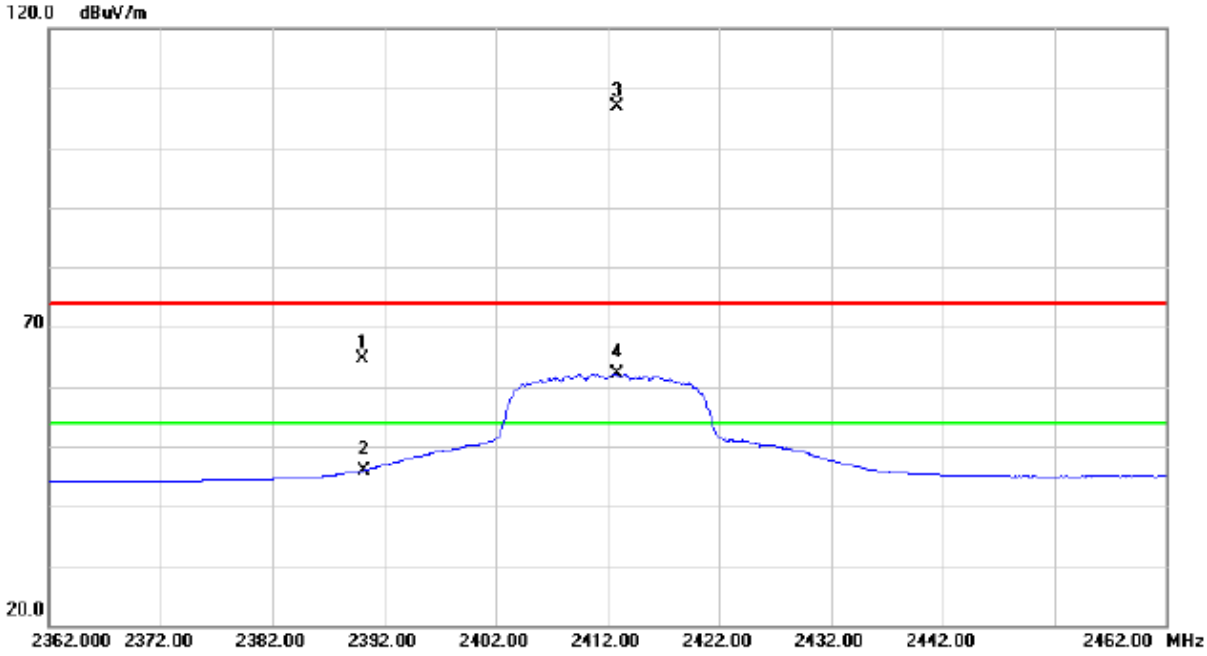
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.770	37.65	3.67	41.32	74.00	-32.68	peak	
2		4923.770	24.47	3.67	28.14	54.00	-25.86	AVG	
3		7385.250	35.72	8.74	44.46	74.00	-29.54	peak	
4	*	7385.250	22.64	8.74	31.38	54.00	-22.62	AVG	

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

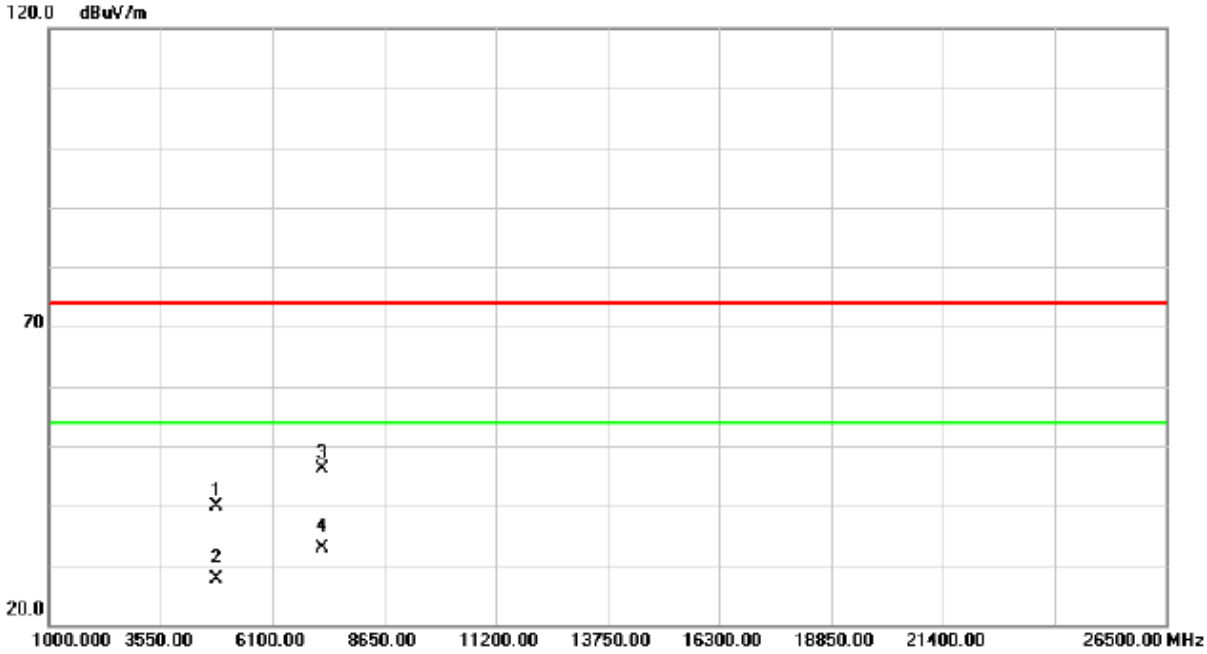
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	33.96	30.56	64.52	74.00	-9.48	peak	
2		2390.000	15.40	30.56	45.96	54.00	-8.04	AVG	
3	*	2412.800	76.18	30.64	106.82	74.00	32.82	peak	no limit
4	X	2412.800	31.58	30.64	62.22	54.00	8.22	AVG	no limit

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

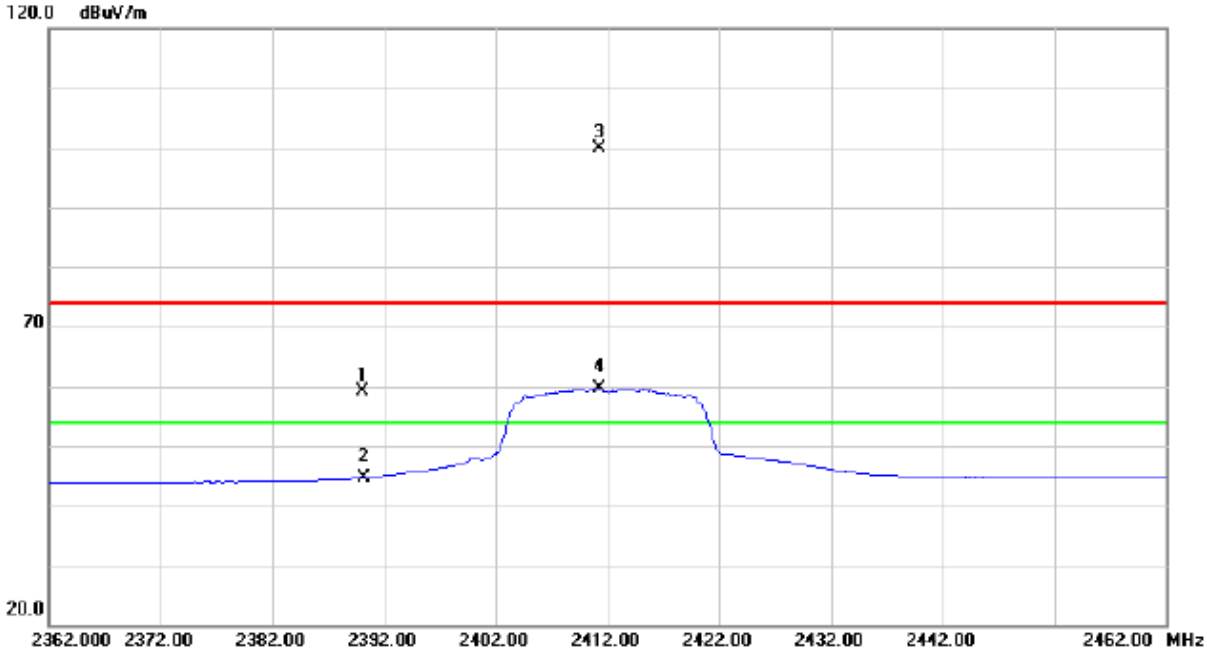
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.630	36.46	3.31	39.77	74.00	-34.23	peak	
2		4824.630	24.22	3.31	27.53	54.00	-26.47	AVG	
3		7235.210	37.72	8.46	46.18	74.00	-27.82	peak	
4	*	7235.210	24.47	8.46	32.93	54.00	-21.07	AVG	

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

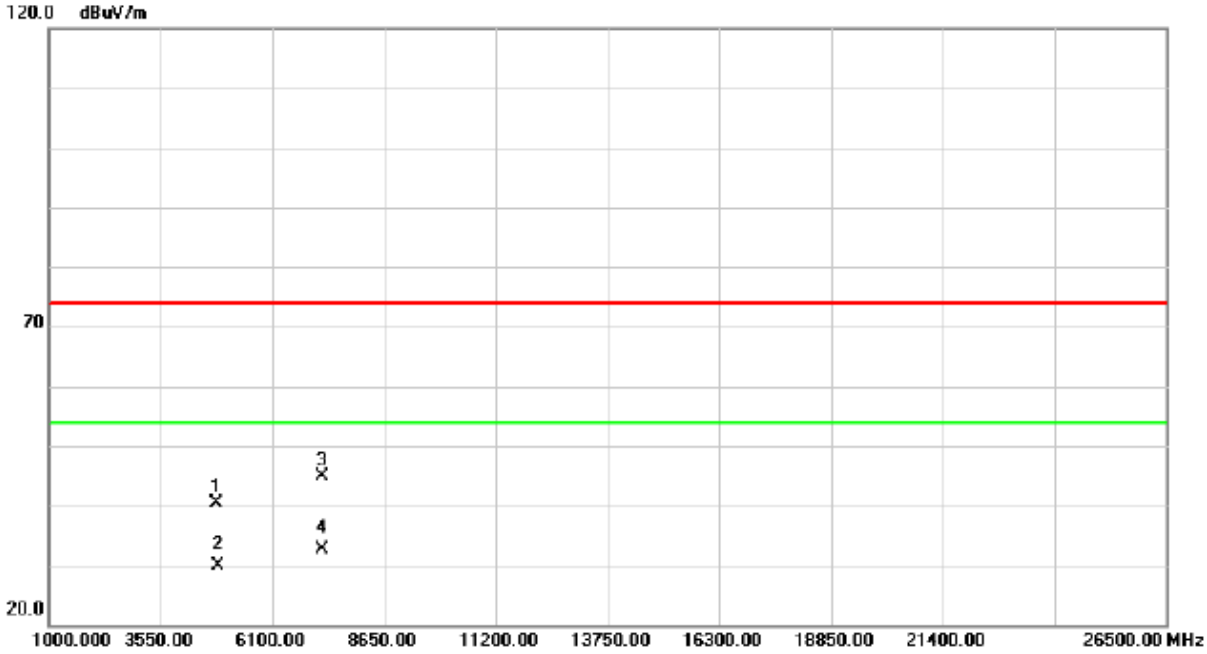
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	28.55	30.56	59.11	74.00	-14.89	peak	
2		2390.000	14.07	30.56	44.63	54.00	-9.37	AVG	
3	*	2411.300	69.18	30.64	99.82	74.00	25.82	peak	no limit
4	X	2411.300	29.07	30.64	59.71	54.00	5.71	AVG	no limit

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

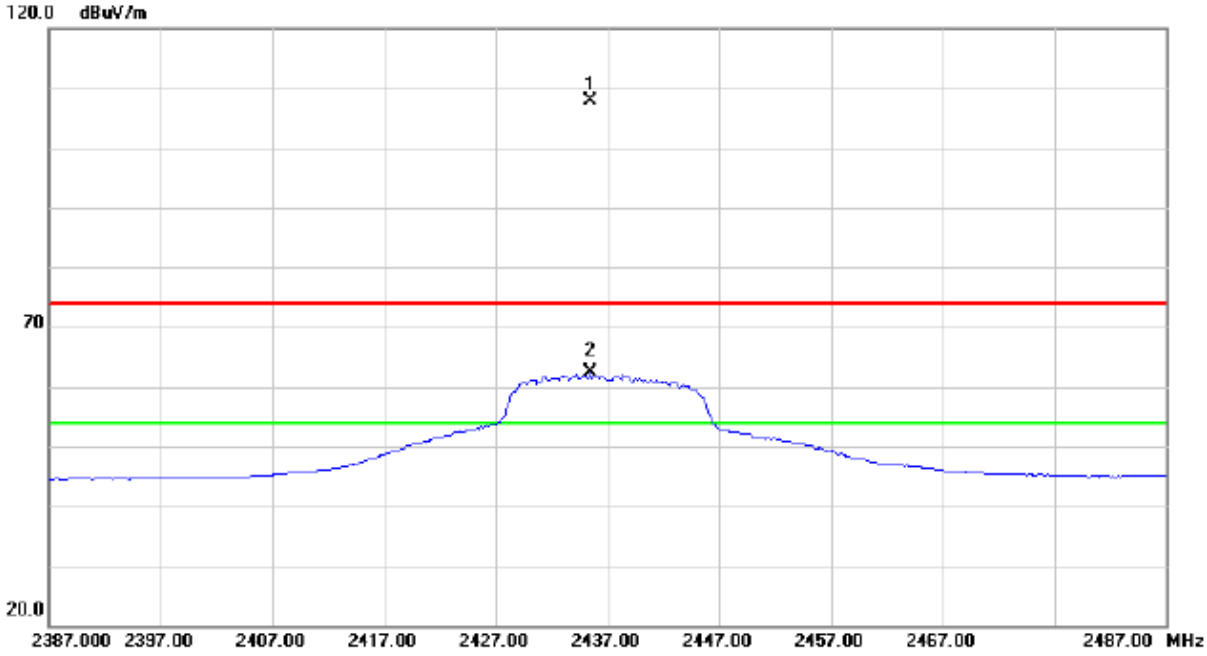
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4827.670	37.02	3.32	40.34	74.00	-33.66	peak	
2		4827.670	26.45	3.32	29.77	54.00	-24.23	AVG	
3		7233.130	36.47	8.45	44.92	74.00	-29.08	peak	
4	*	7233.130	24.29	8.45	32.74	54.00	-21.26	AVG	

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

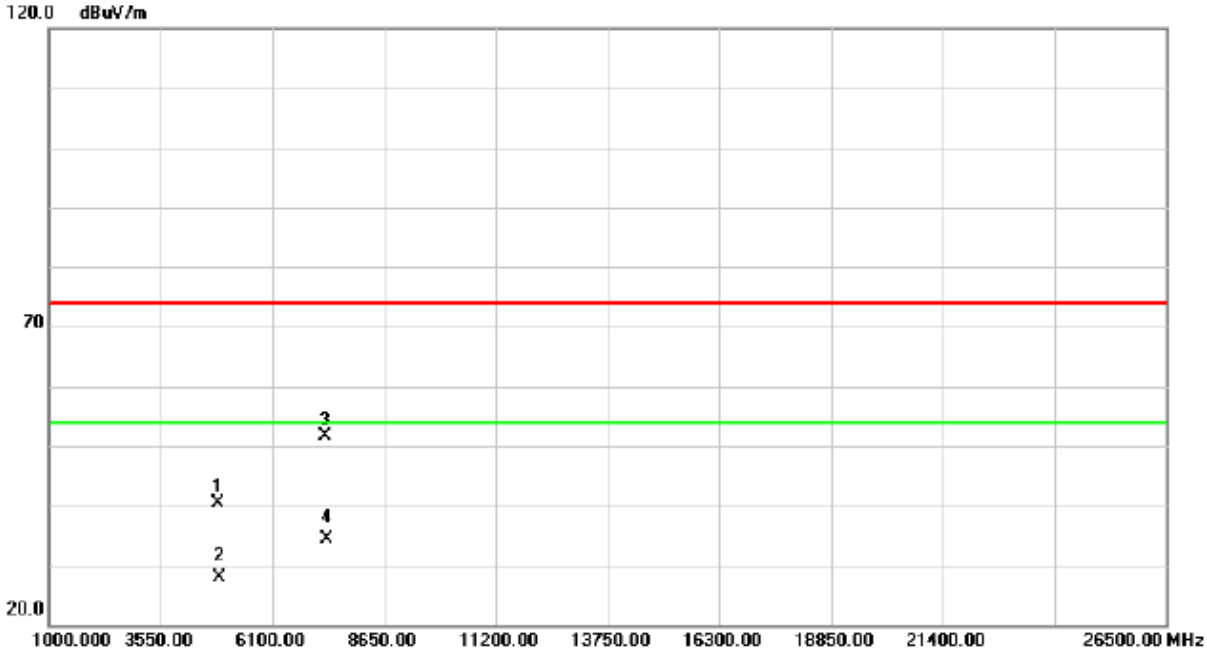
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2435.400	77.06	30.71	107.77	74.00	33.77	peak	no limit
2	X	2435.400	31.61	30.71	62.32	54.00	8.32	AVG	no limit

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

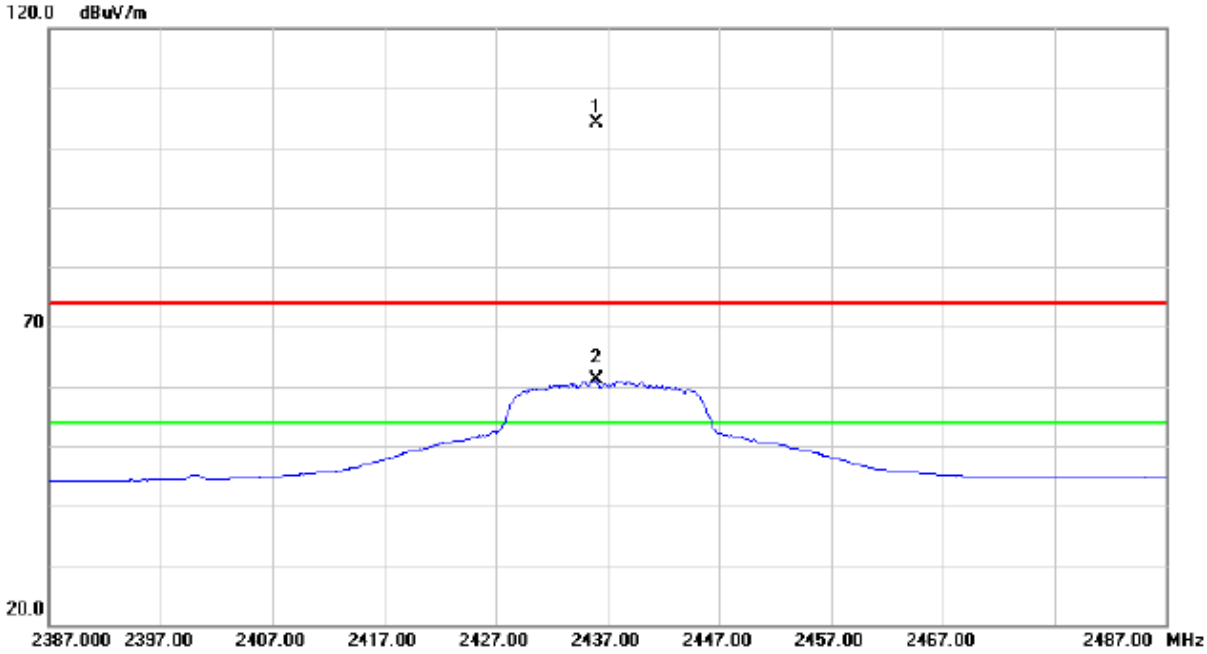
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4872.760	36.87	3.49	40.36	74.00	-33.64	peak	
2		4872.760	24.36	3.49	27.85	54.00	-26.15	AVG	
3		7308.310	42.96	8.60	51.56	74.00	-22.44	peak	
4	*	7308.310	25.76	8.60	34.36	54.00	-19.64	AVG	

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

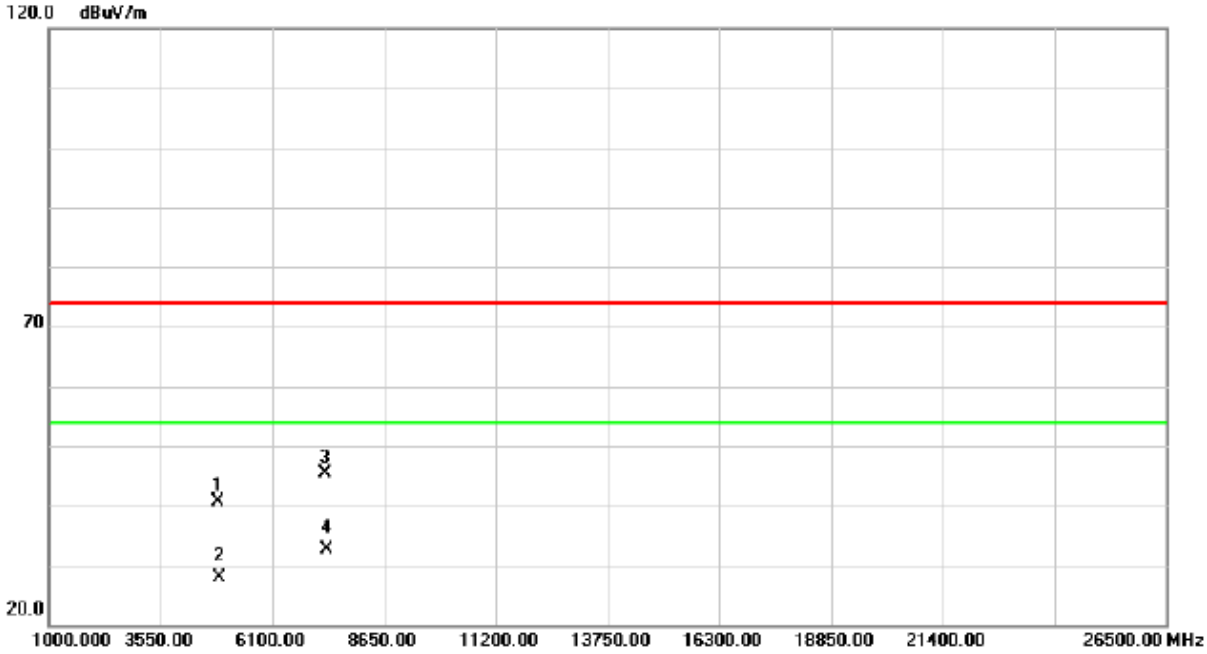
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2436.000	73.51	30.71	104.22	74.00	30.22	peak	no limit
2	X	2436.000	30.31	30.71	61.02	54.00	7.02	AVG	no limit

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

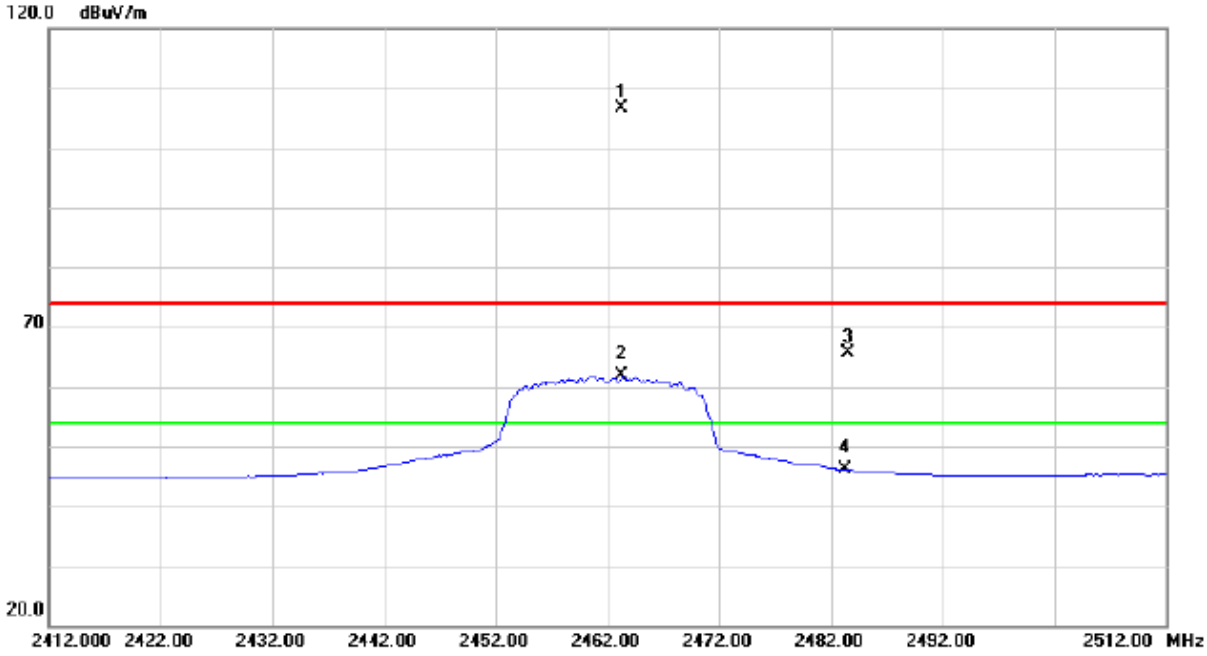
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4869.980	37.06	3.48	40.54	74.00	-33.46	peak	
2		4869.980	24.38	3.48	27.86	54.00	-26.14	AVG	
3		7308.020	36.76	8.60	45.36	74.00	-28.64	peak	
4	*	7308.020	24.06	8.60	32.66	54.00	-21.34	AVG	

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

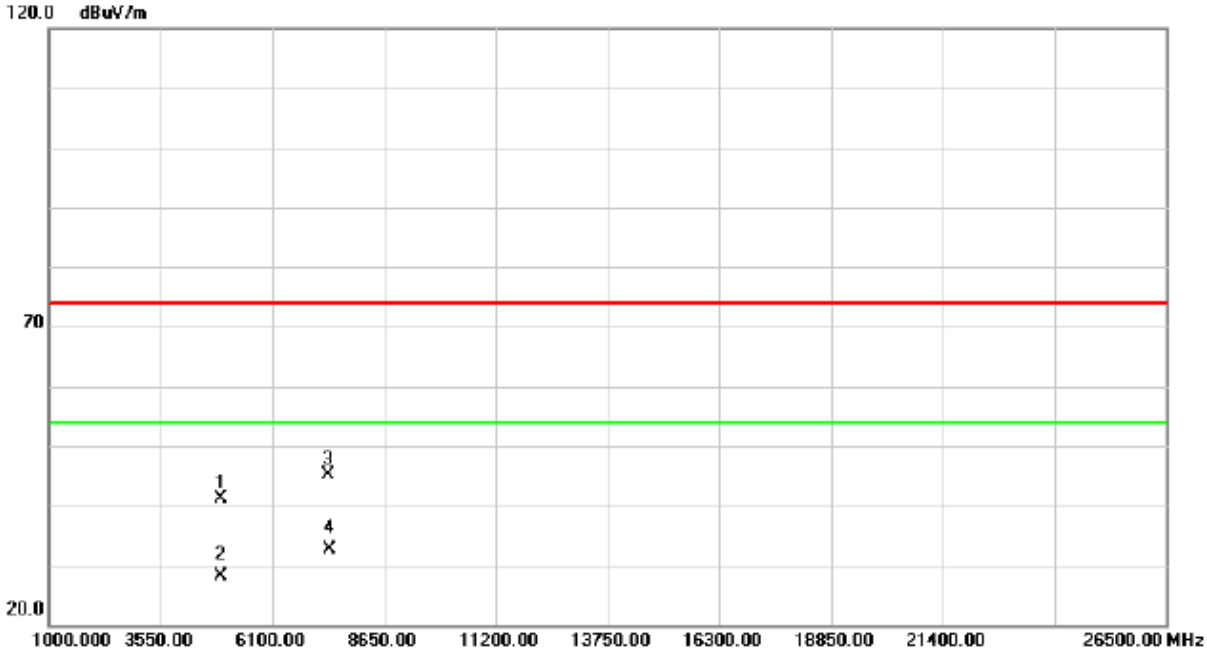
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2463.300	75.87	30.80	106.67	74.00	32.67	peak	no limit
2	X	2463.300	30.98	30.80	61.78	54.00	7.78	AVG	no limit
3		2483.500	34.68	30.87	65.55	74.00	-8.45	peak	
4		2483.500	15.19	30.87	46.06	54.00	-7.94	AVG	

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

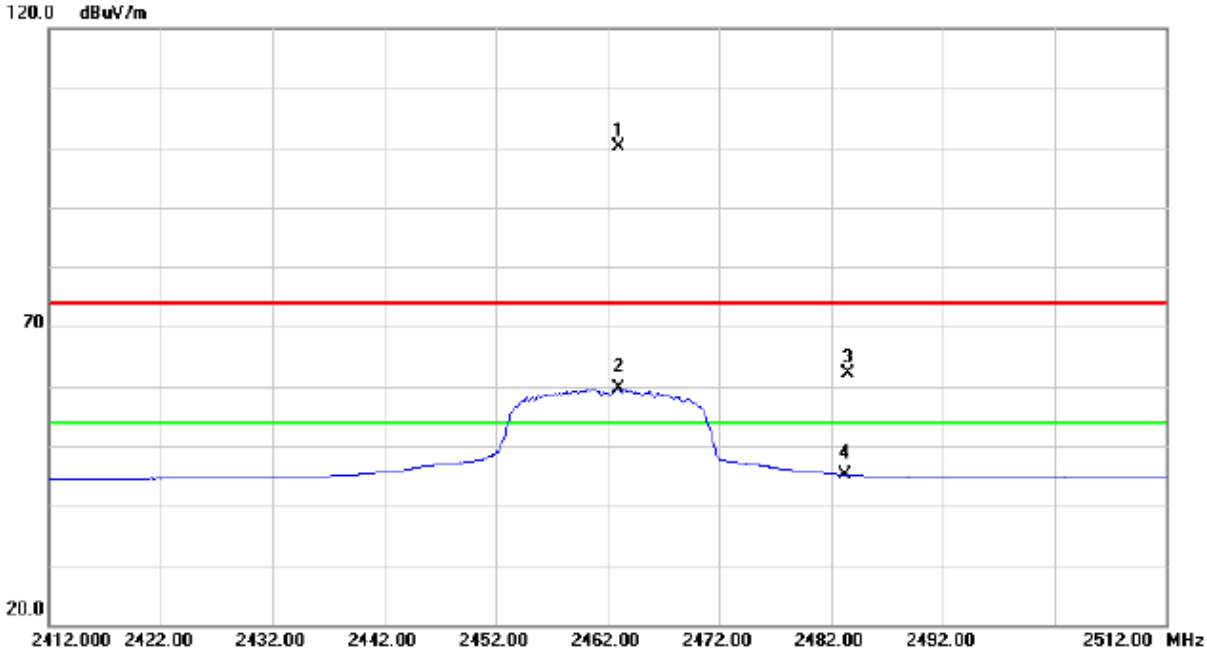
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.100	37.56	3.65	41.21	74.00	-32.79	peak	
2		4914.100	24.55	3.65	28.20	54.00	-25.80	AVG	
3		7376.120	36.34	8.72	45.06	74.00	-28.94	peak	
4	*	7376.120	23.92	8.72	32.64	54.00	-21.36	AVG	

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

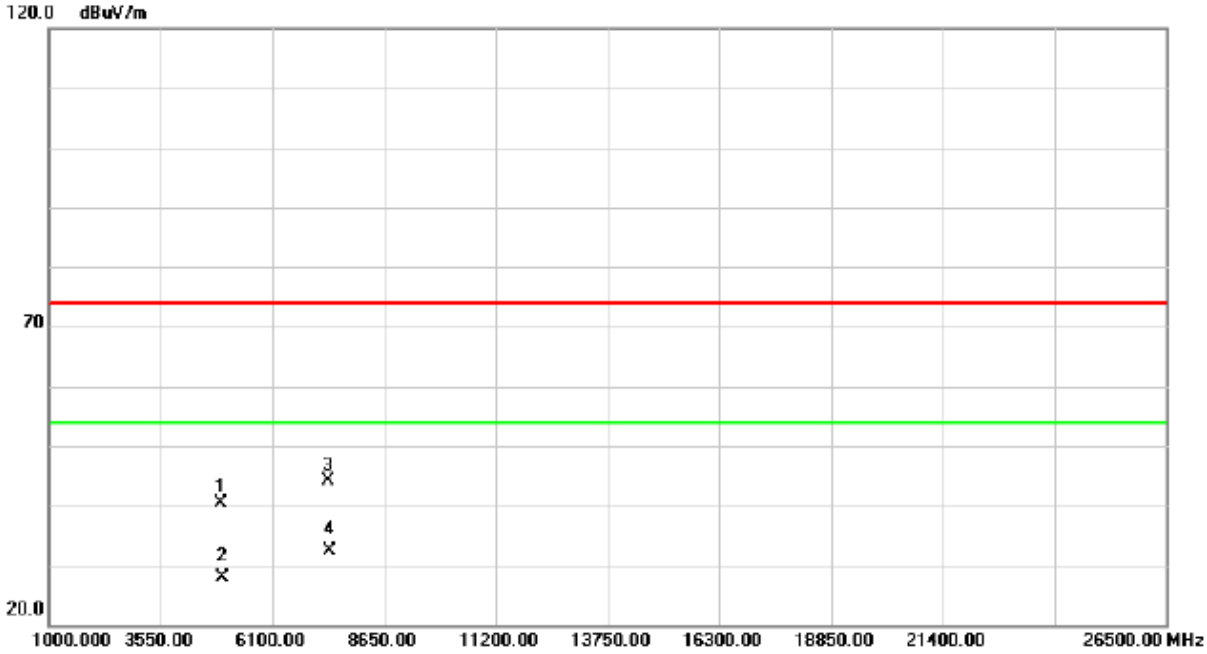
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2463.000	69.29	30.80	100.09	74.00	26.09	peak	no limit
2	X	2463.000	28.73	30.80	59.53	54.00	5.53	AVG	no limit
3		2483.500	31.36	30.87	62.23	74.00	-11.77	peak	
4		2483.500	14.30	30.87	45.17	54.00	-8.83	AVG	

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

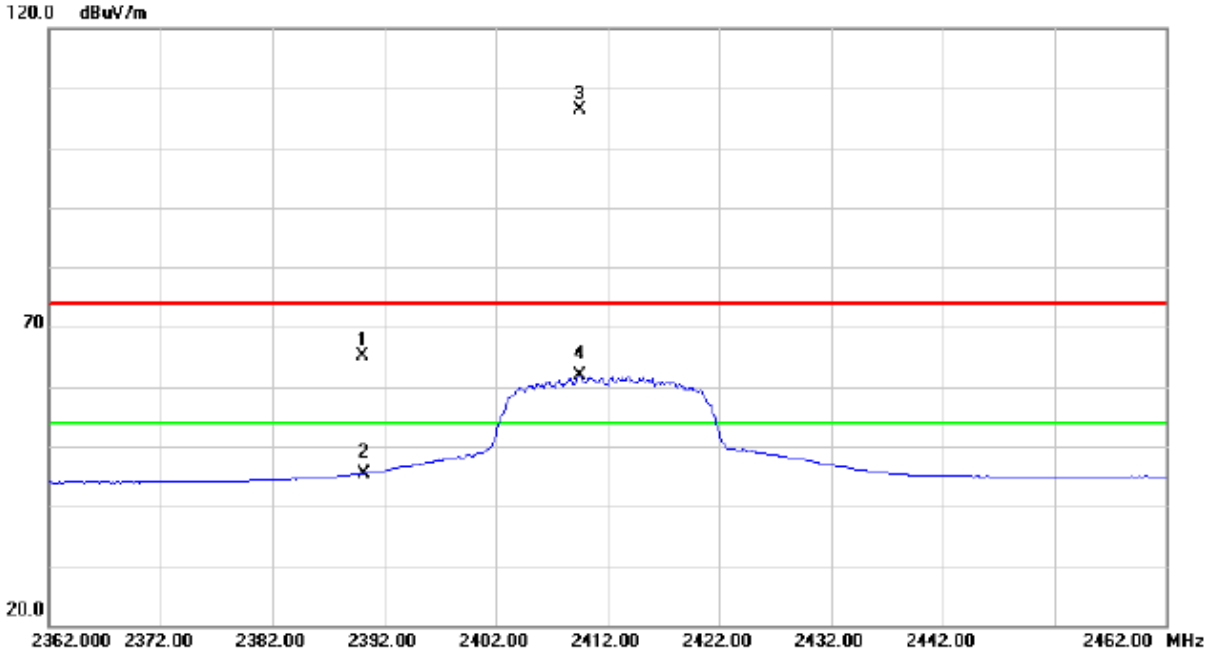
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4932.580	36.74	3.71	40.45	74.00	-33.55	peak	
2		4932.580	24.09	3.71	27.80	54.00	-26.20	AVG	
3		7376.300	35.52	8.72	44.24	74.00	-29.76	peak	
4	*	7376.300	23.77	8.72	32.49	54.00	-21.51	AVG	

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

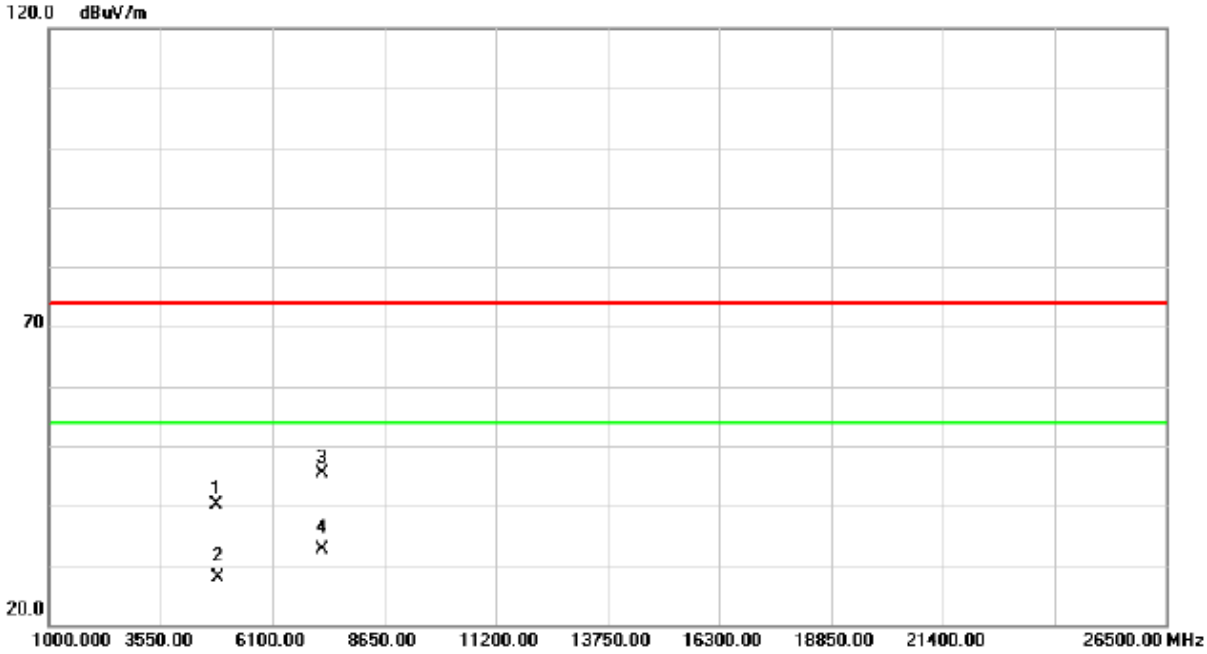
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	34.50	30.56	65.06	74.00	-8.94	peak	
2		2390.000	14.90	30.56	45.46	54.00	-8.54	AVG	
3	*	2409.500	75.66	30.62	106.28	74.00	32.28	peak	no limit
4	X	2409.500	31.17	30.62	61.79	54.00	7.79	AVG	no limit

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

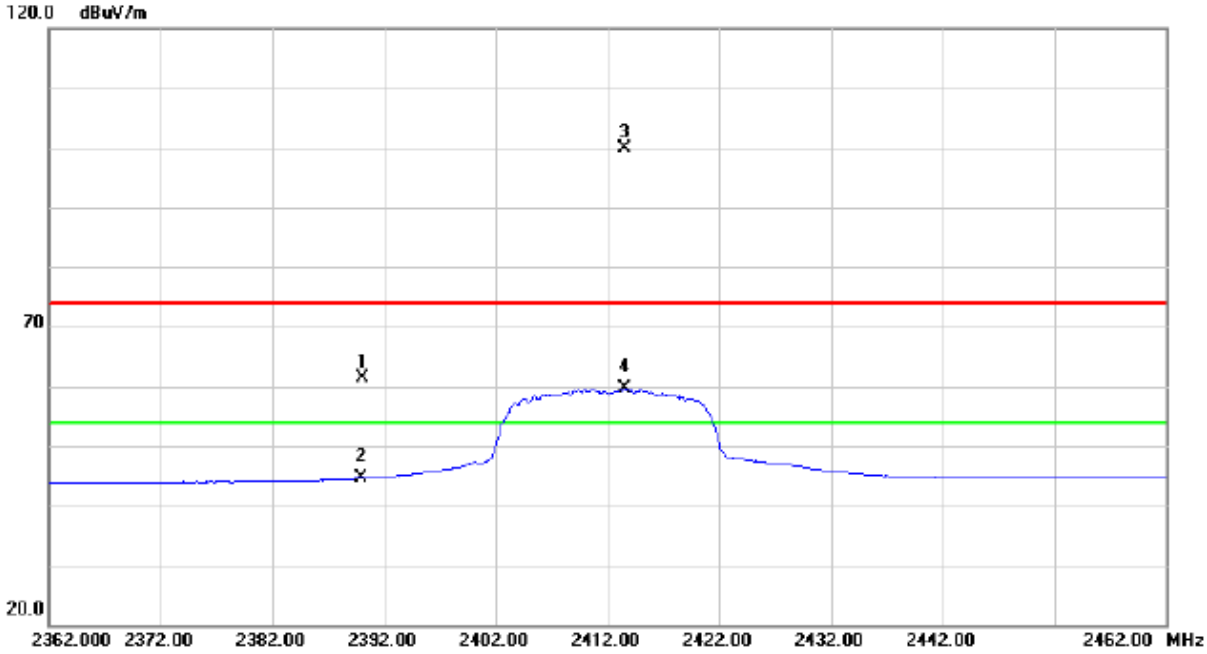
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4828.990	36.73	3.33	40.06	74.00	-33.94	peak	
2		4828.990	24.63	3.33	27.96	54.00	-26.04	AVG	
3		7231.800	36.88	8.45	45.33	74.00	-28.67	peak	
4	*	7231.800	24.17	8.45	32.62	54.00	-21.38	AVG	

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

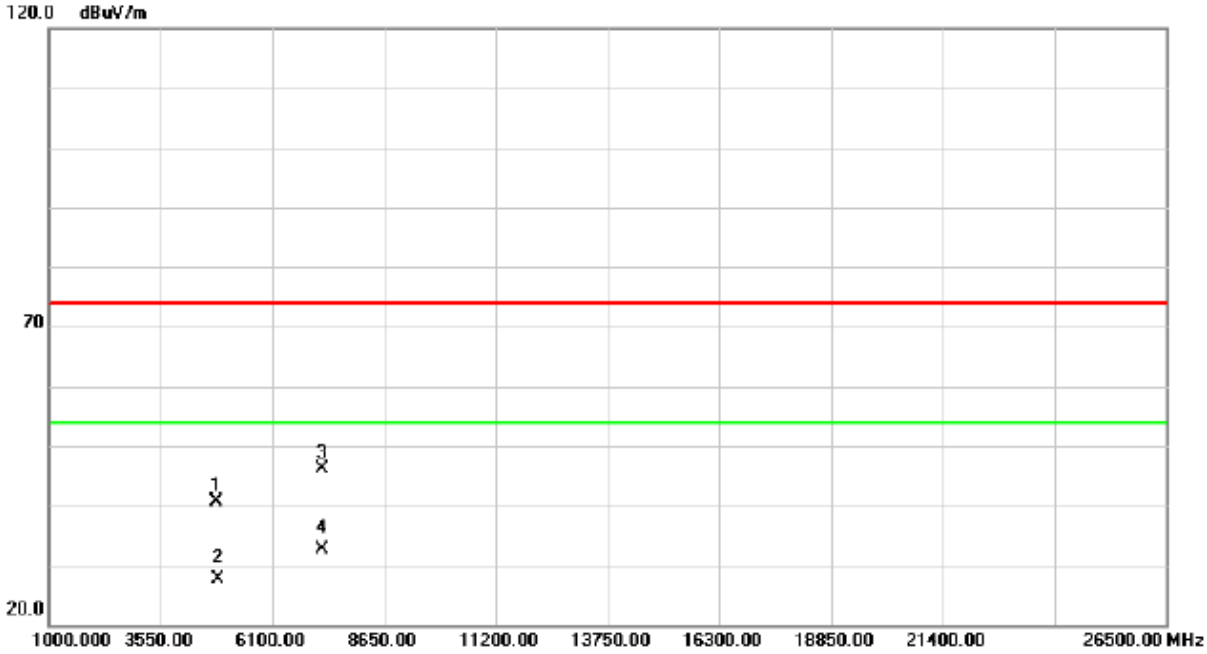
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	30.91	30.56	61.47	74.00	-12.53	peak	
2		2390.000	14.02	30.56	44.58	54.00	-9.42	AVG	
3	*	2413.500	69.11	30.65	99.76	74.00	25.76	peak	no limit
4	X	2413.500	28.91	30.65	59.56	54.00	5.56	AVG	no limit

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

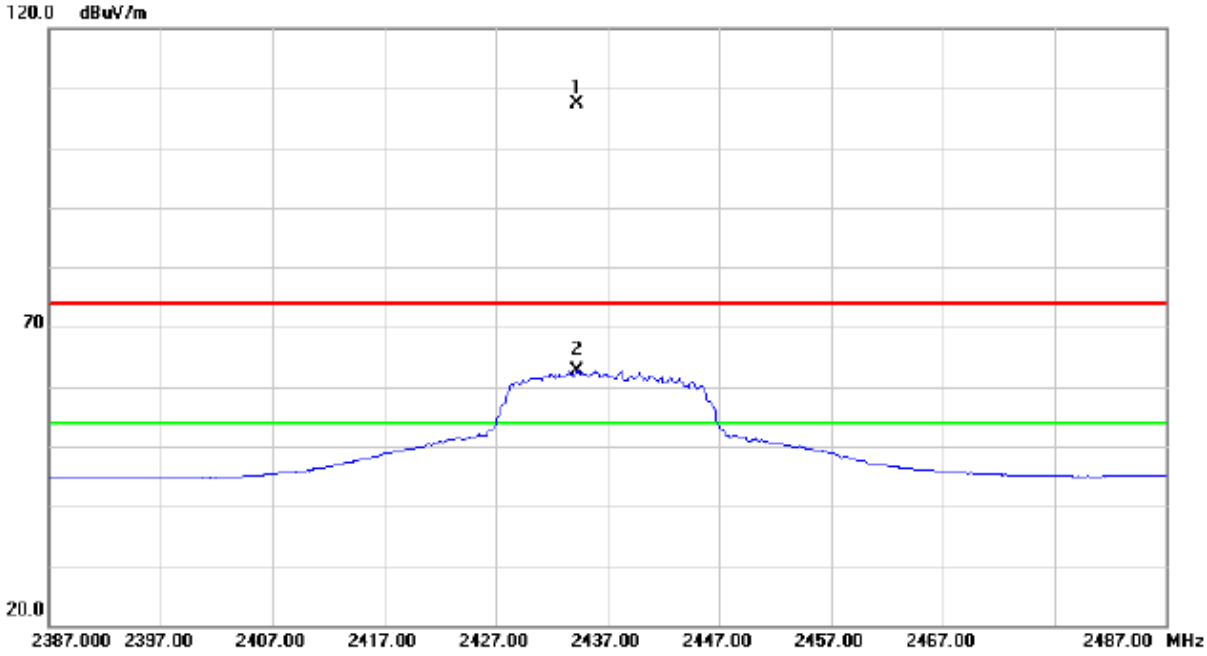
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4825.520	37.33	3.32	40.65	74.00	-33.35	peak	
2		4825.520	24.31	3.32	27.63	54.00	-26.37	AVG	
3		7234.330	37.61	8.46	46.07	74.00	-27.93	peak	
4	*	7234.330	24.19	8.46	32.65	54.00	-21.35	AVG	

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

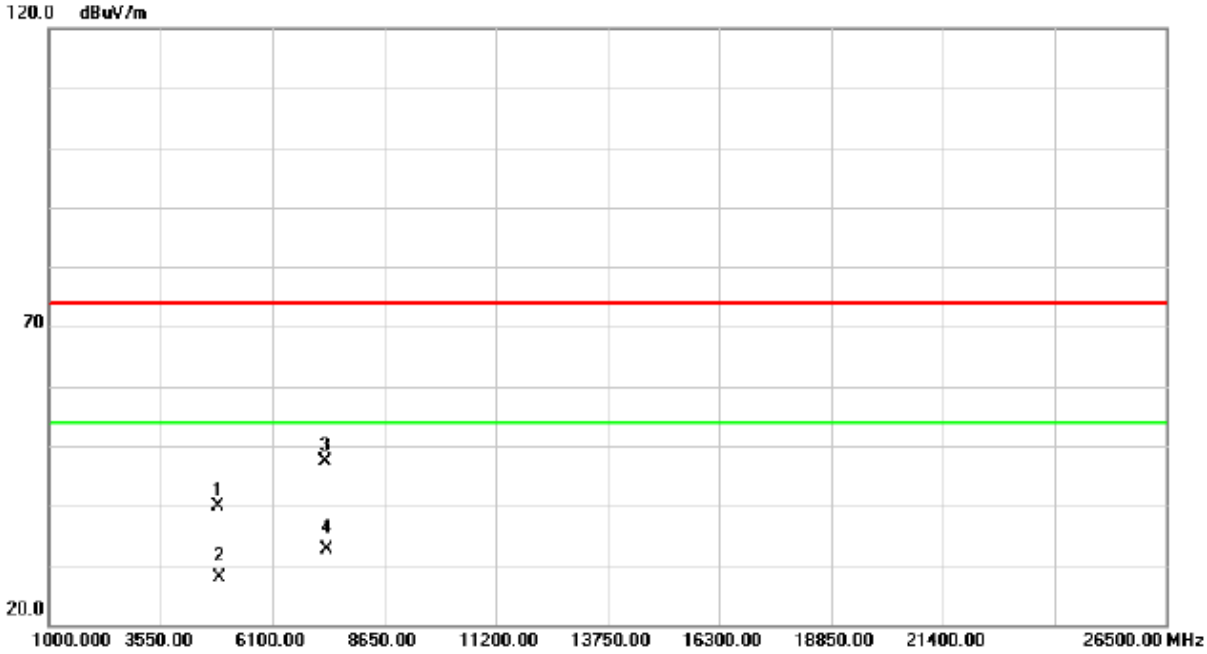
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2434.300	76.64	30.71	107.35	74.00	33.35	peak	no limit
2	X	2434.300	31.94	30.71	62.65	54.00	8.65	AVG	no limit

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

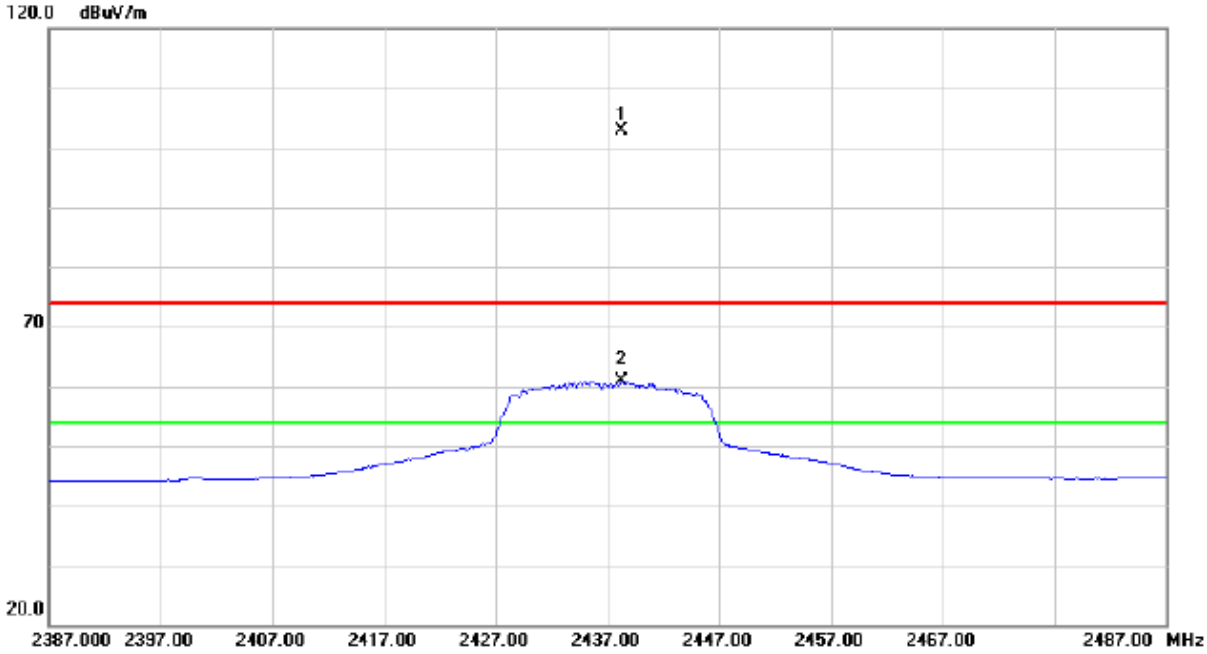
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4871.490	36.45	3.49	39.94	74.00	-34.06	peak	
2		4871.490	24.37	3.49	27.86	54.00	-26.14	AVG	
3		7311.690	38.79	8.60	47.39	74.00	-26.61	peak	
4	*	7311.690	24.10	8.60	32.70	54.00	-21.30	AVG	

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

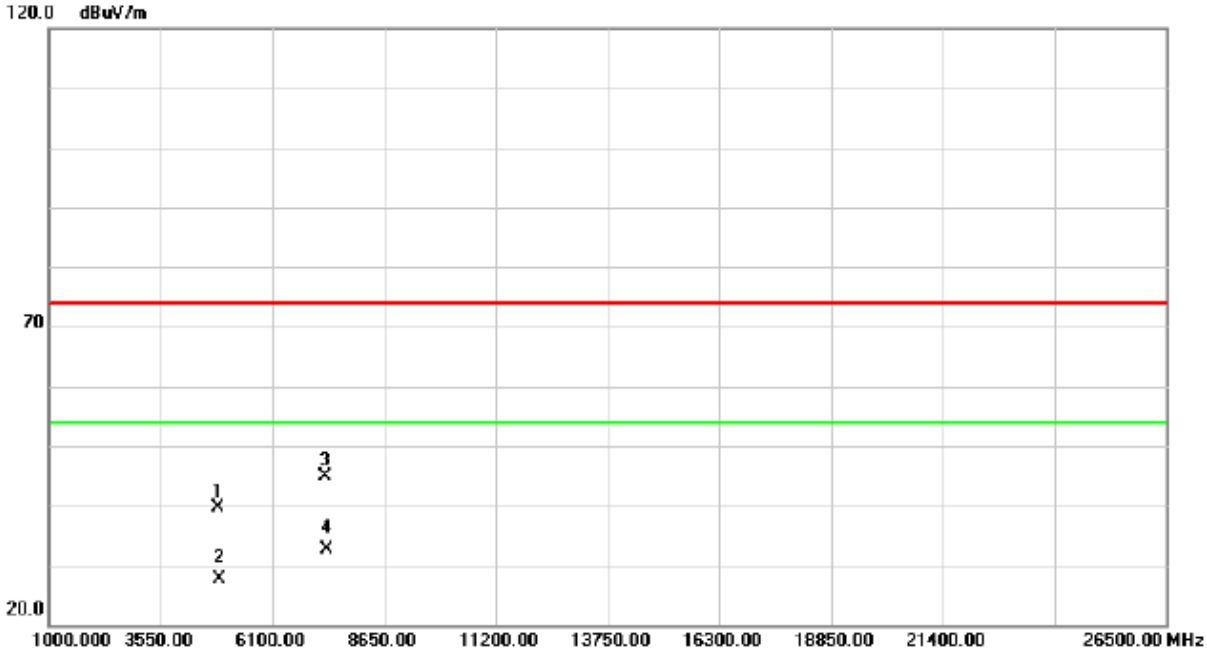
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2438.300	72.20	30.72	102.92	74.00	28.92	peak	no limit
2	X	2438.300	30.22	30.72	60.94	54.00	6.94	AVG	no limit

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

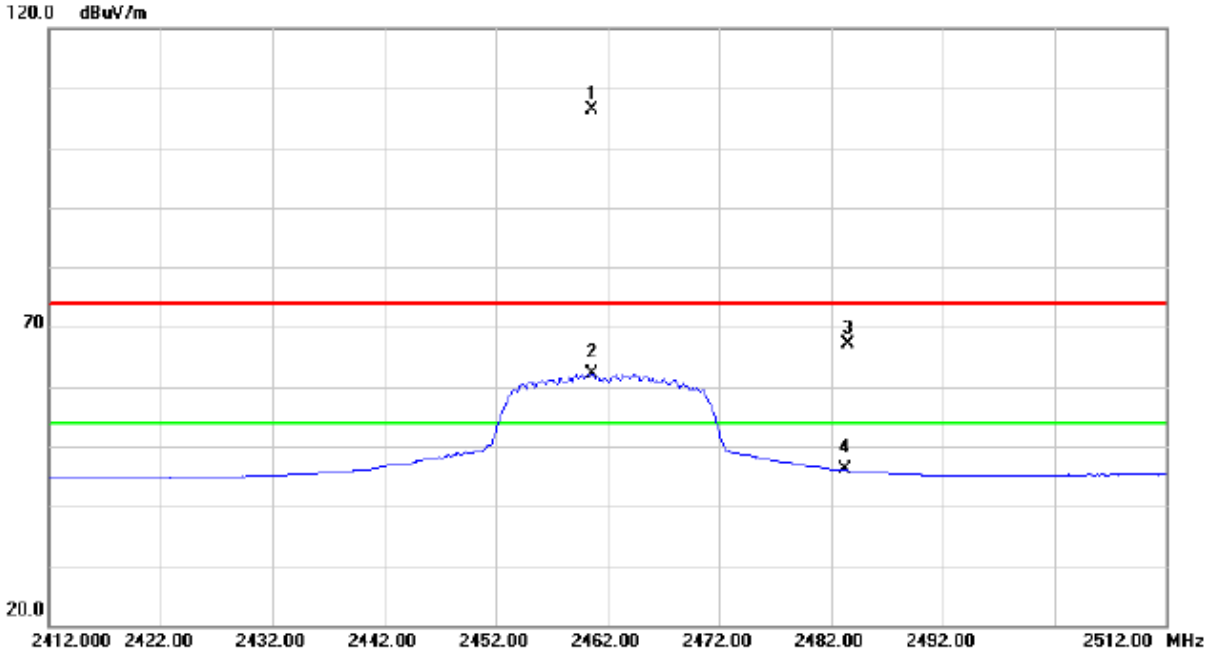
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4870.100	36.19	3.48	39.67	74.00	-34.33	peak	
2		4870.100	24.27	3.48	27.75	54.00	-26.25	AVG	
3		7308.140	36.39	8.60	44.99	74.00	-29.01	peak	
4	*	7308.140	24.04	8.60	32.64	54.00	-21.36	AVG	

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

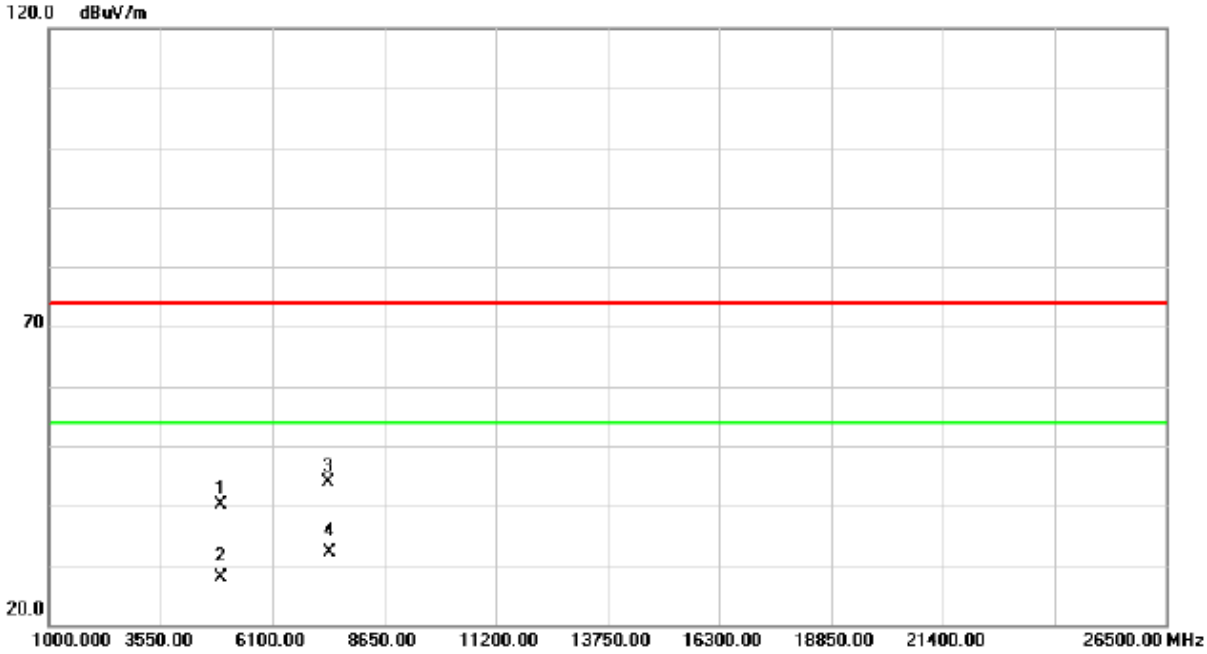
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2460.600	75.65	30.80	106.45	74.00	32.45	peak	no limit
2	X	2460.600	31.42	30.80	62.22	54.00	8.22	AVG	no limit
3		2483.500	36.34	30.87	67.21	74.00	-6.79	peak	
4		2483.500	15.16	30.87	46.03	54.00	-7.97	AVG	

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

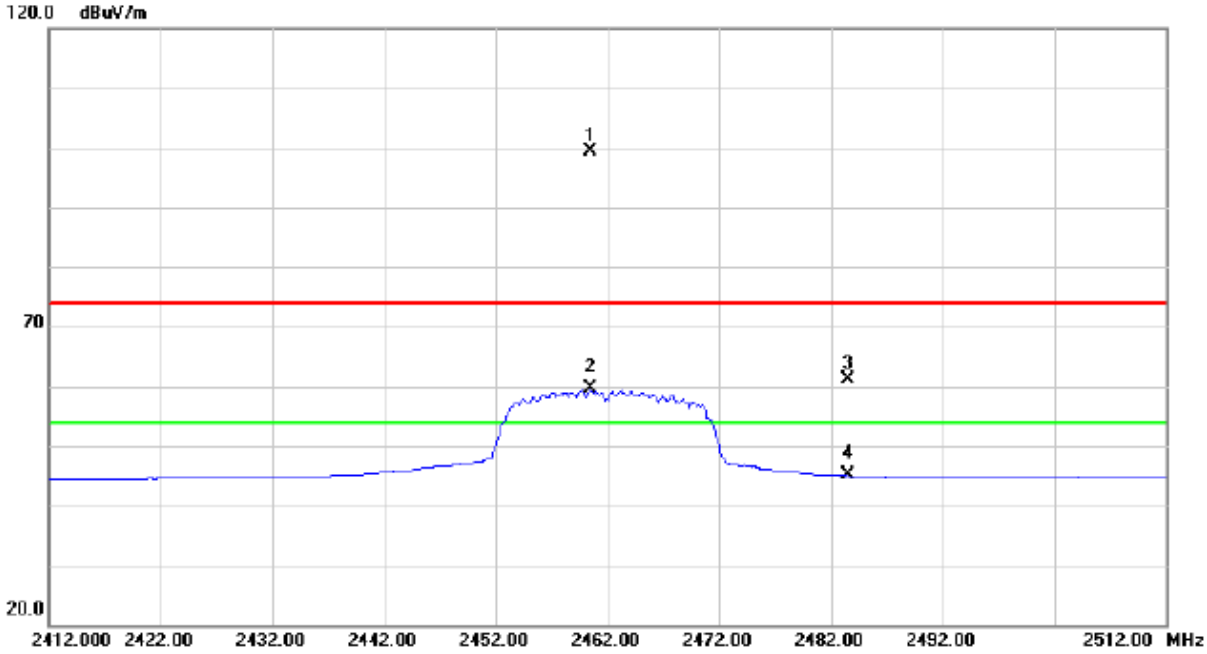
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.810	36.51	3.68	40.19	74.00	-33.81	peak	
2		4924.810	24.23	3.68	27.91	54.00	-26.09	AVG	
3		7381.000	35.26	8.74	44.00	74.00	-30.00	peak	
4	*	7381.000	23.37	8.74	32.11	54.00	-21.89	AVG	

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

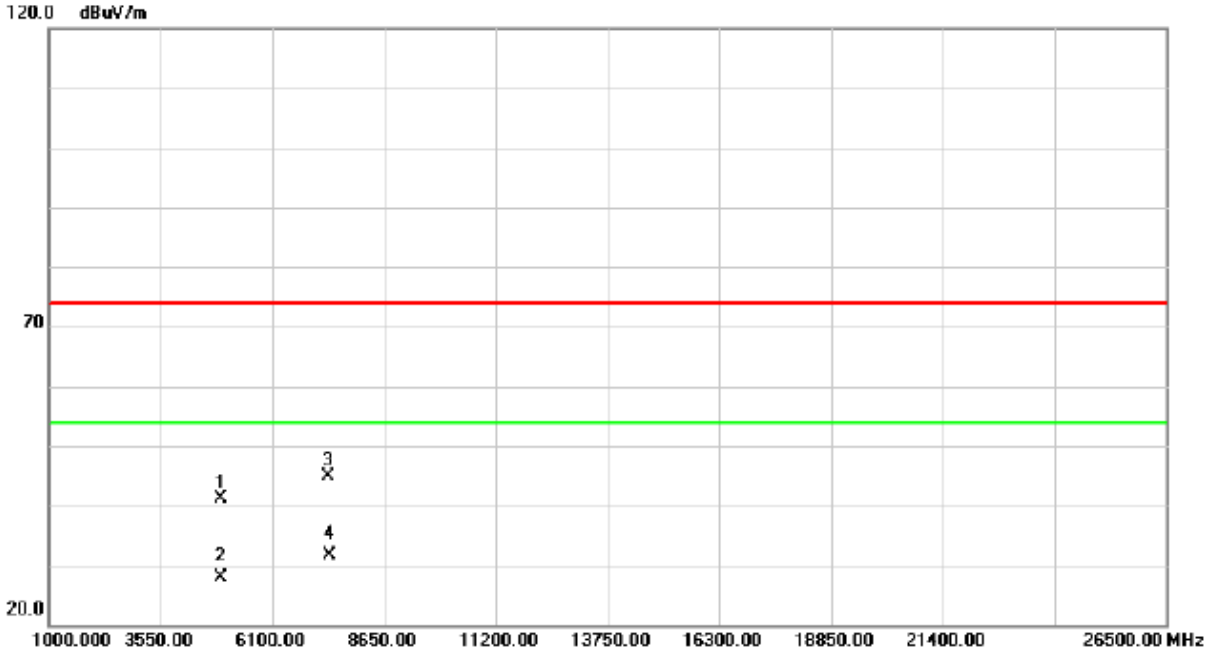
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2460.500	68.54	30.80	99.34	74.00	25.34	peak	no limit
2	X	2460.500	28.76	30.80	59.56	54.00	5.56	AVG	no limit
3		2483.500	30.38	30.87	61.25	74.00	-12.75	peak	
4		2483.500	14.14	30.87	45.01	54.00	-8.99	AVG	

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

Horizontal

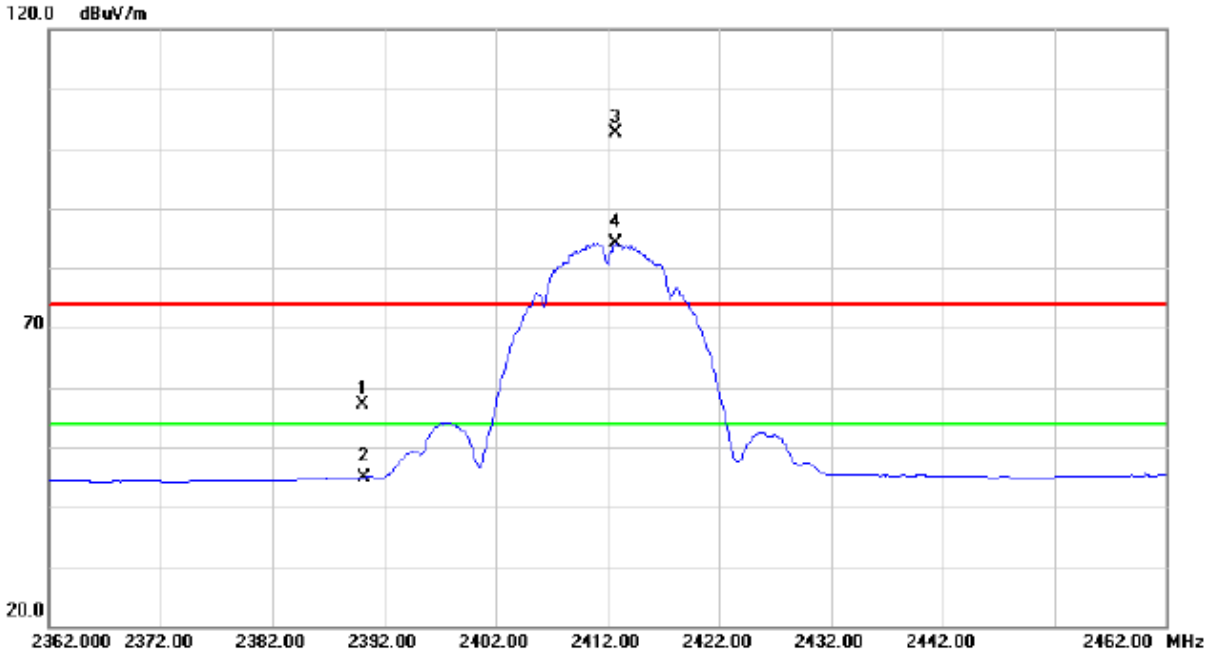


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4921.650	37.38	3.67	41.05	74.00	-32.95	peak	
2		4921.650	24.20	3.67	27.87	54.00	-26.13	AVG	
3		7389.600	36.03	8.76	44.79	74.00	-29.21	peak	
4	*	7389.600	22.91	8.76	31.67	54.00	-22.33	AVG	

For PCB Ant.

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

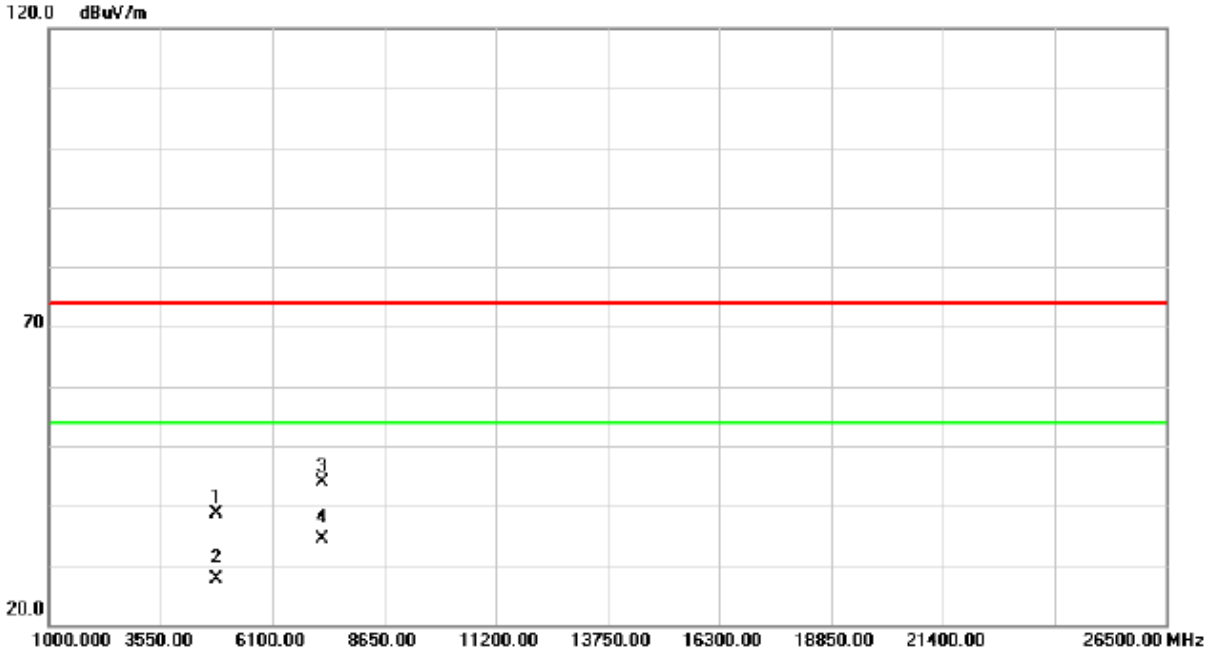
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	26.50	30.56	57.06	74.00	-16.94	peak	
2		2390.000	14.25	30.56	44.81	54.00	-9.19	AVG	
3	X	2412.700	72.09	30.64	102.73	74.00	28.73	peak	no limit
4	*	2412.700	53.52	30.64	84.16	54.00	30.16	AVG	no limit

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

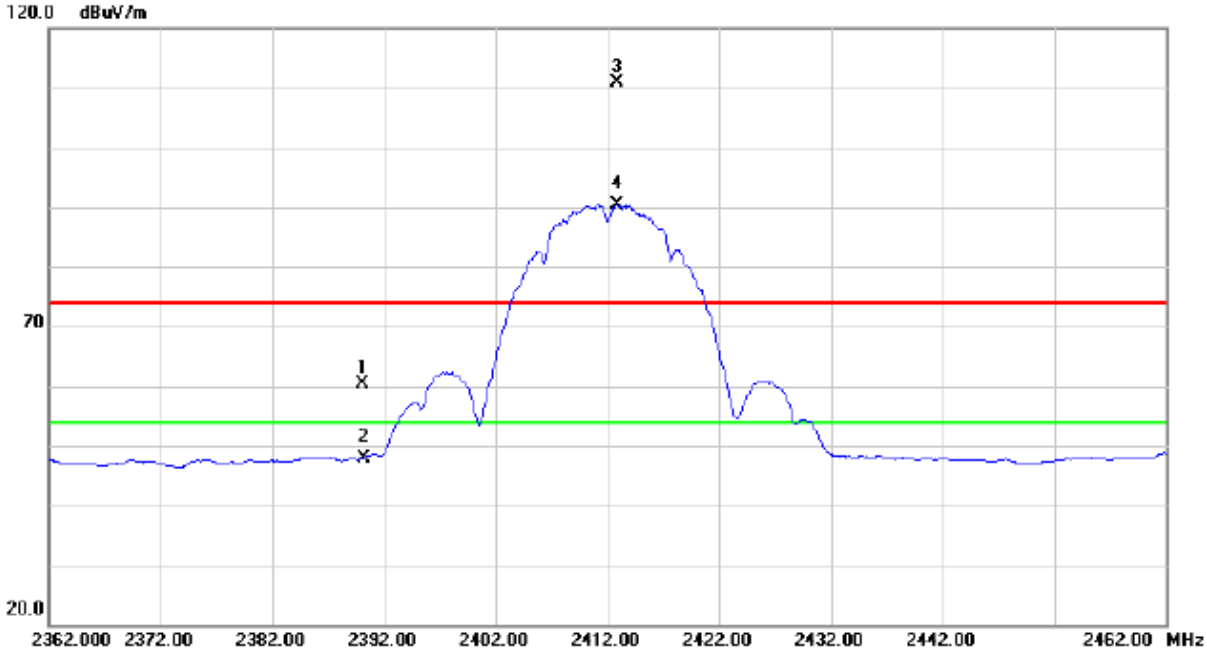
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.110	35.30	3.31	38.61	74.00	-35.39	peak	
2		4824.110	24.28	3.31	27.59	54.00	-26.41	AVG	
3		7234.820	35.49	8.46	43.95	74.00	-30.05	peak	
4	*	7234.820	25.84	8.46	34.30	54.00	-19.70	AVG	

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

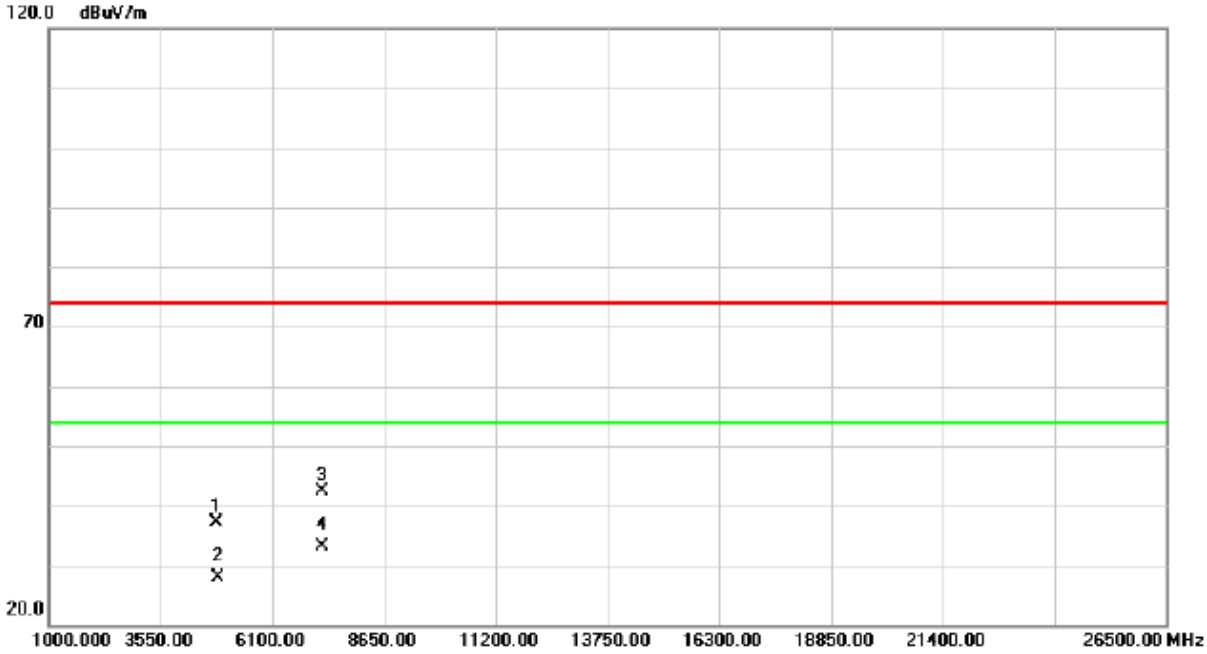
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	29.93	30.56	60.49	74.00	-13.51	peak	
2		2390.000	17.30	30.56	47.86	54.00	-6.14	AVG	
3	*	2412.800	80.25	30.64	110.89	74.00	36.89	peak	no limit
4	X	2412.800	59.81	30.64	90.45	54.00	36.45	AVG	no limit

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

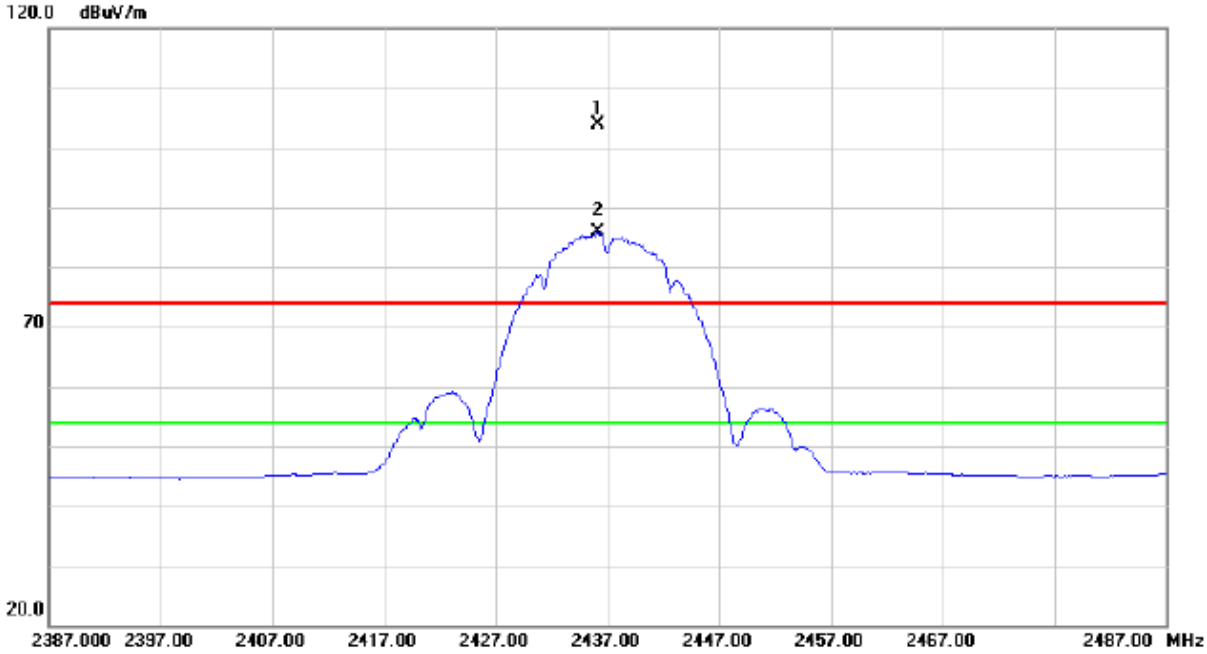
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4828.780	33.77	3.32	37.09	74.00	-36.91	peak	
2		4828.780	24.56	3.32	27.88	54.00	-26.12	AVG	
3		7234.310	33.83	8.46	42.29	74.00	-31.71	peak	
4	*	7234.310	24.57	8.46	33.03	54.00	-20.97	AVG	

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

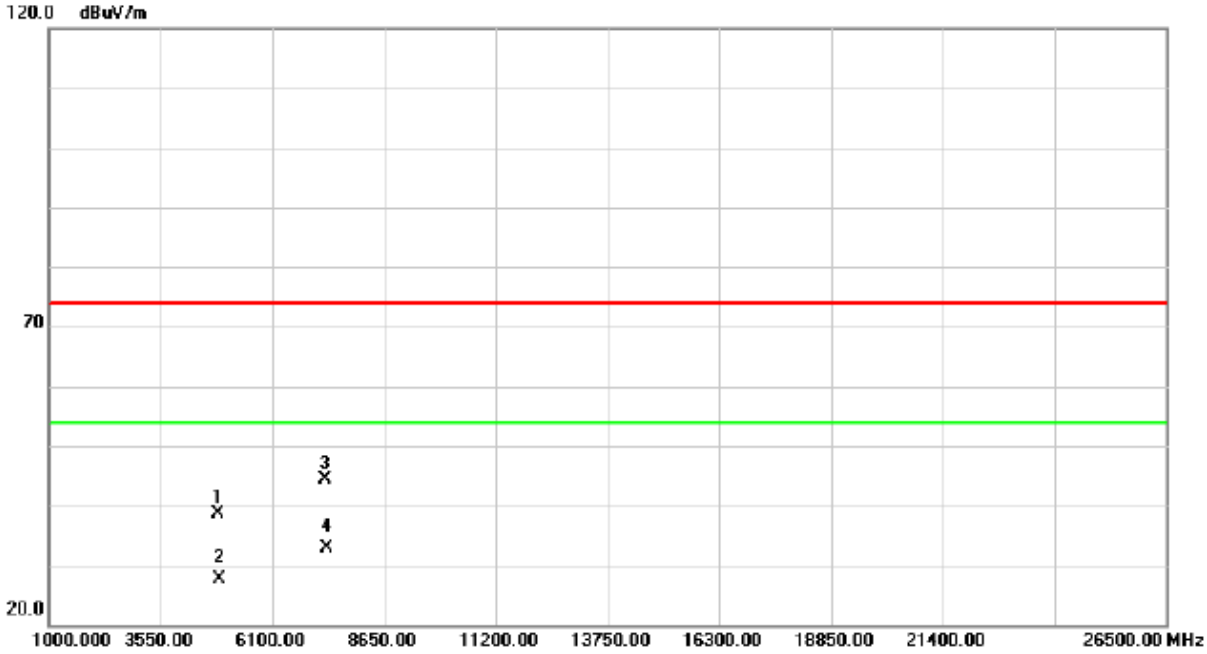
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.100	73.24	30.71	103.95	74.00	29.95	peak	no limit
2	*	2436.100	55.17	30.71	85.88	54.00	31.88	AVG	no limit

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

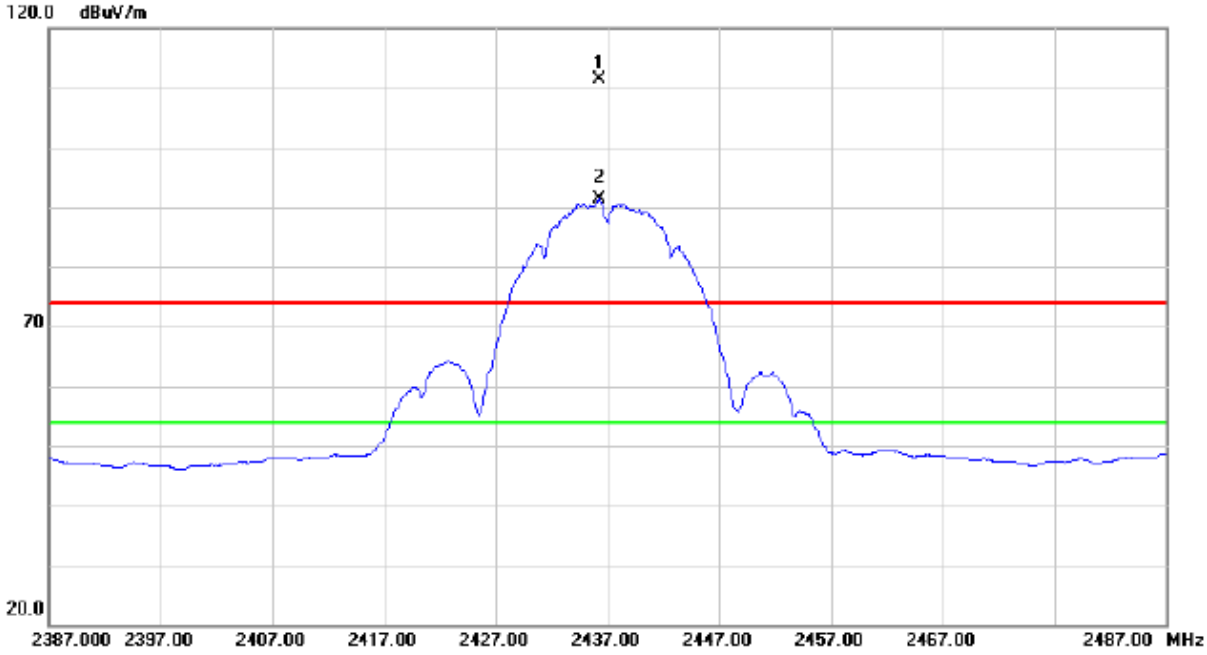
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4871.535	35.12	3.49	38.61	74.00	-35.39	peak	
2		4871.535	24.10	3.49	27.59	54.00	-26.41	AVG	
3		7309.920	35.72	8.61	44.33	74.00	-29.67	peak	
4	*	7309.920	24.36	8.61	32.97	54.00	-21.03	AVG	

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

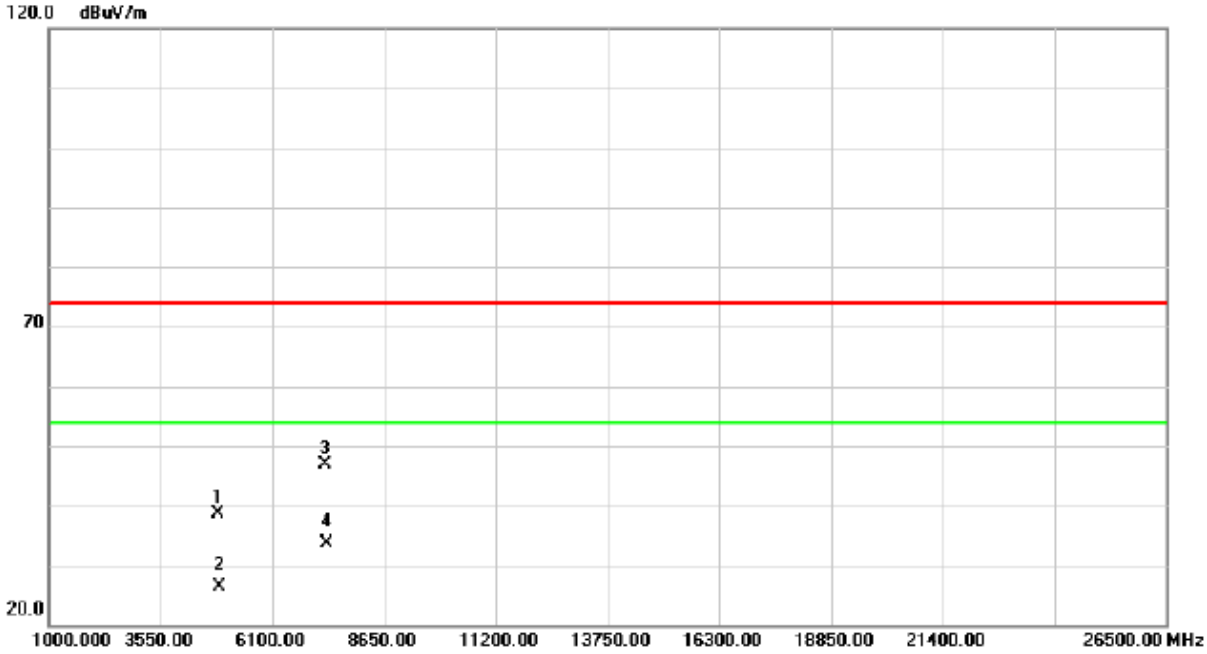
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2436.200	80.68	30.71	111.39	74.00	37.39	peak	no limit
2	X	2436.200	60.56	30.71	91.27	54.00	37.27	AVG	no limit

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

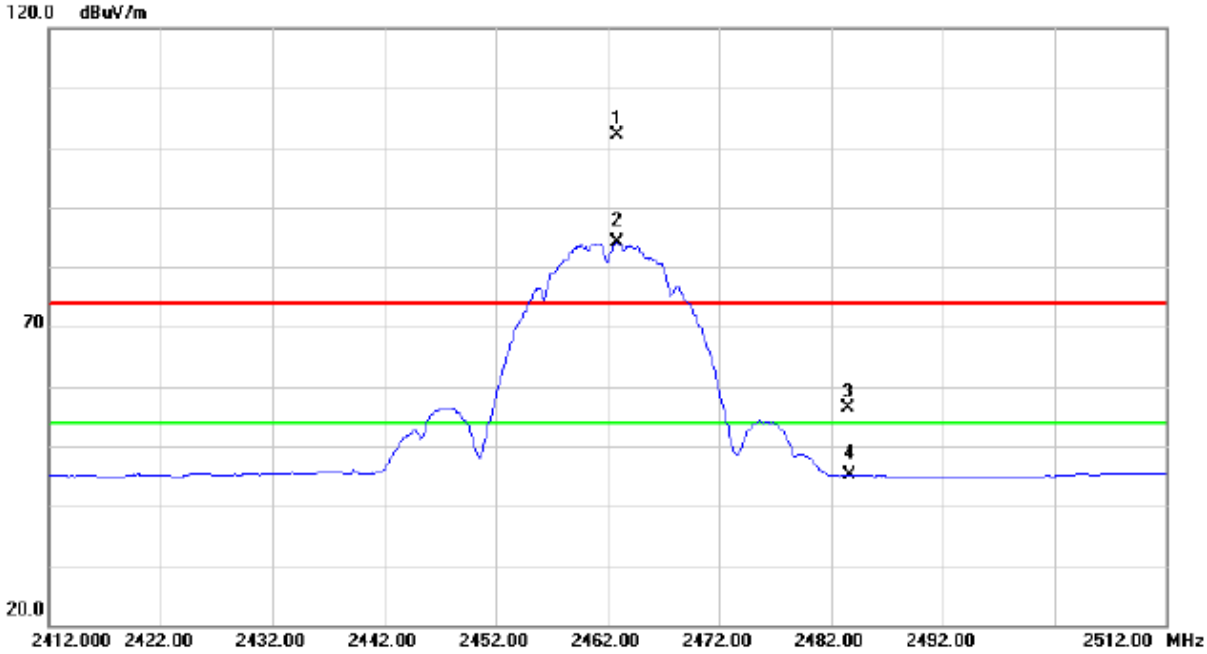
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4871.560	35.04	3.49	38.53	74.00	-35.47	peak	
2		4871.560	22.78	3.49	26.27	54.00	-27.73	AVG	
3		7309.995	38.21	8.61	46.82	74.00	-27.18	peak	
4	*	7309.995	24.98	8.61	33.59	54.00	-20.41	AVG	

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

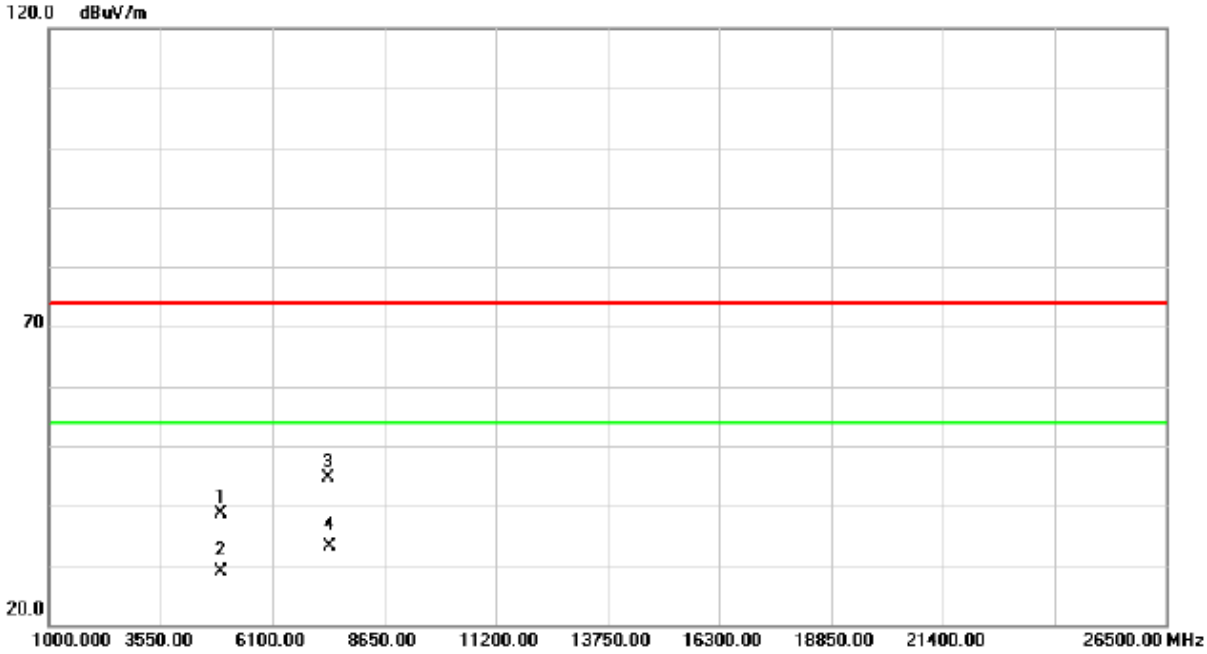
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2462.800	71.25	30.80	102.05	74.00	28.05	peak	no limit
2	*	2462.800	53.35	30.80	84.15	54.00	30.15	AVG	no limit
3		2483.500	25.60	30.87	56.47	74.00	-17.53	peak	
4		2483.500	14.18	30.87	45.05	54.00	-8.95	AVG	

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

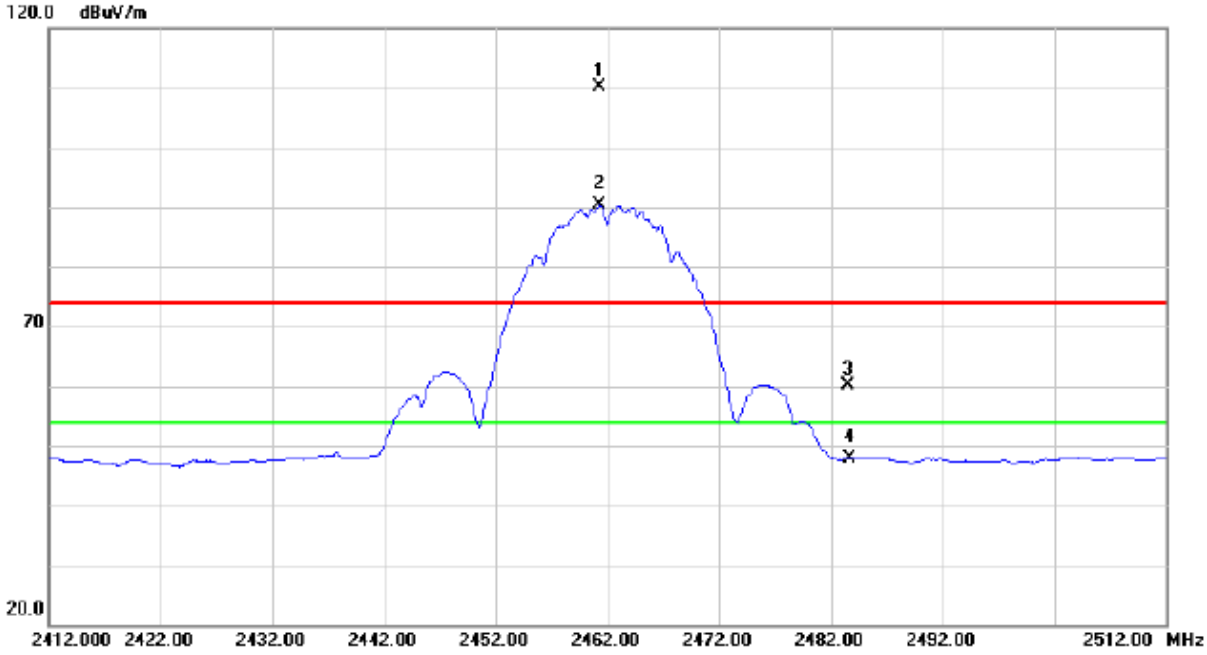
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.910	35.06	3.67	38.73	74.00	-35.27	peak	
2		4923.910	25.17	3.67	28.84	54.00	-25.16	AVG	
3		7385.070	35.93	8.74	44.67	74.00	-29.33	peak	
4	*	7385.070	24.36	8.74	33.10	54.00	-20.90	AVG	

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

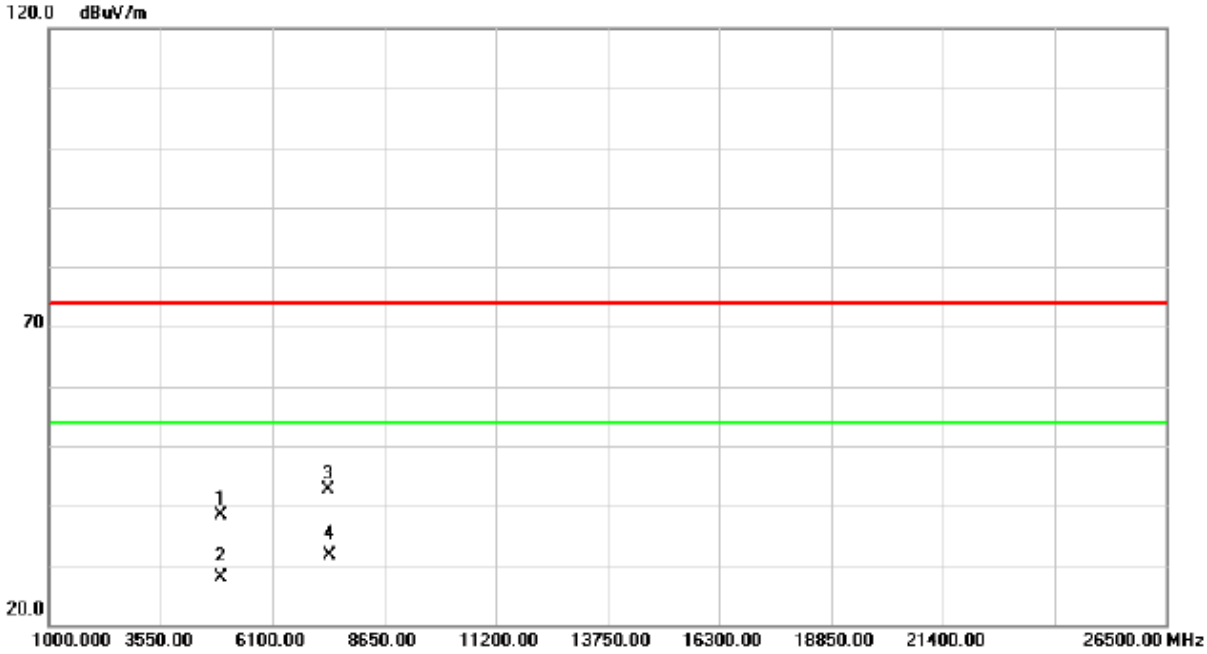
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.300	79.43	30.80	110.23	74.00	36.23	peak	no limit
2	*	2461.300	59.64	30.80	90.44	54.00	36.44	AVG	no limit
3		2483.500	29.24	30.87	60.11	74.00	-13.89	peak	
4		2483.500	17.05	30.87	47.92	54.00	-6.08	AVG	

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

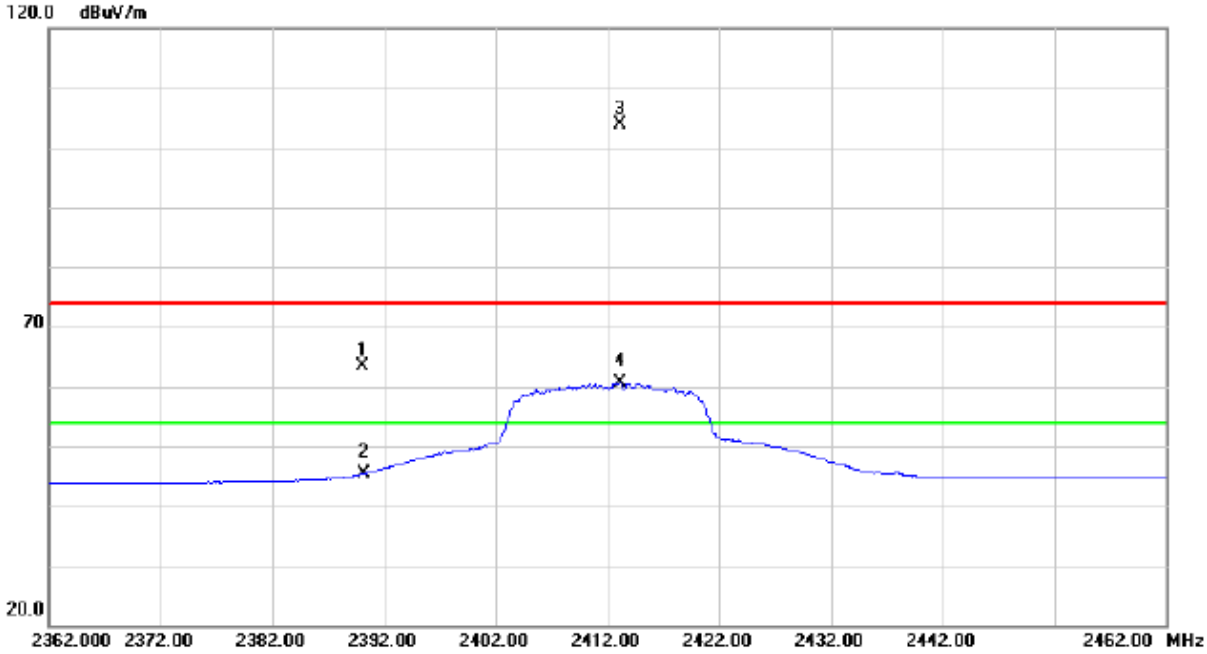
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4921.815	34.79	3.67	38.46	74.00	-35.54	peak	
2		4921.815	24.17	3.67	27.84	54.00	-26.16	AVG	
3		7383.540	33.82	8.74	42.56	74.00	-31.44	peak	
4	*	7383.540	22.98	8.74	31.72	54.00	-22.28	AVG	

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

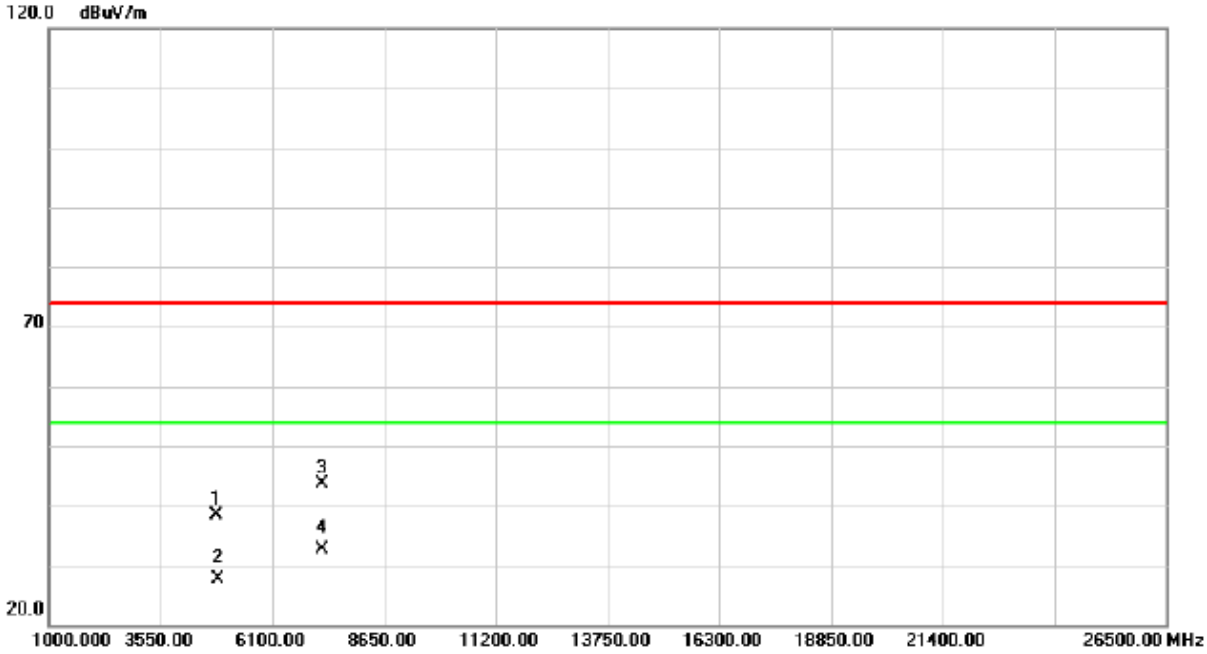
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	32.74	30.56	63.30	74.00	-10.70	peak	
2		2390.000	14.73	30.56	45.29	54.00	-8.71	AVG	
3	*	2413.100	73.32	30.64	103.96	74.00	29.96	peak	no limit
4	X	2413.100	30.01	30.64	60.65	54.00	6.65	AVG	no limit

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

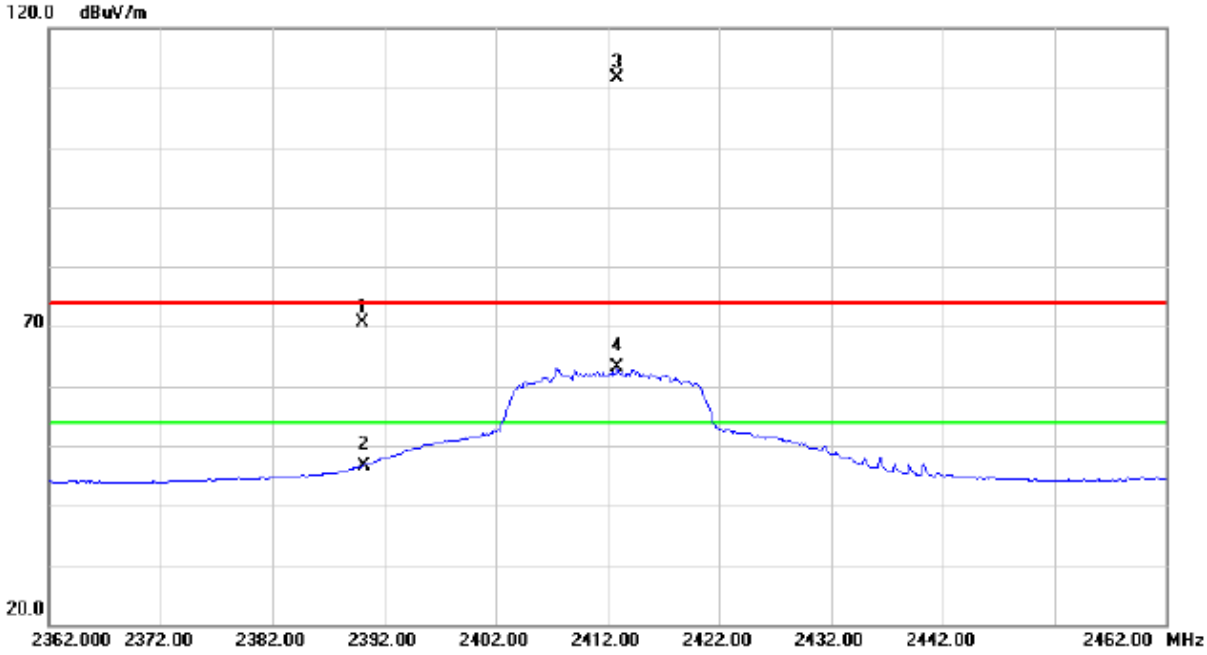
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4825.470	35.11	3.32	38.43	74.00	-35.57	peak	
2		4825.470	24.30	3.32	27.62	54.00	-26.38	AVG	
3		7233.640	35.27	8.45	43.72	74.00	-30.28	peak	
4	*	7233.640	24.22	8.45	32.67	54.00	-21.33	AVG	

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

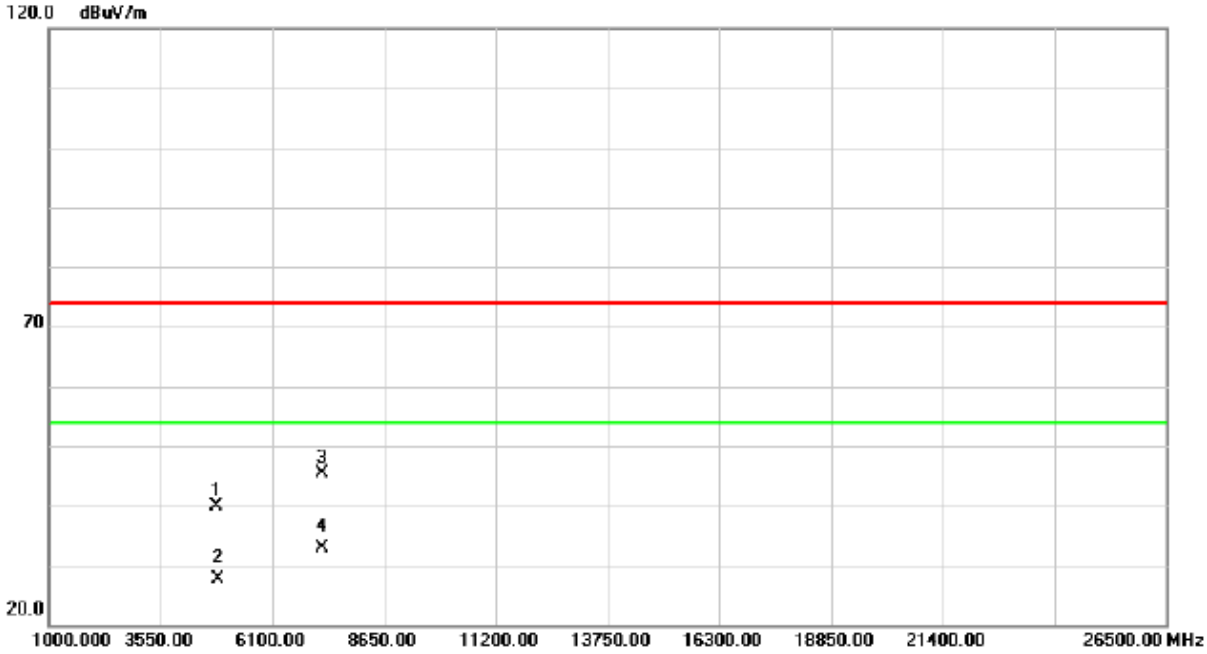
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	40.17	30.56	70.73	74.00	-3.27	peak	
2		2390.000	15.99	30.56	46.55	54.00	-7.45	AVG	
3	*	2412.900	80.90	30.64	111.54	74.00	37.54	peak	no limit
4	X	2412.900	32.55	30.64	63.19	54.00	9.19	AVG	no limit

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

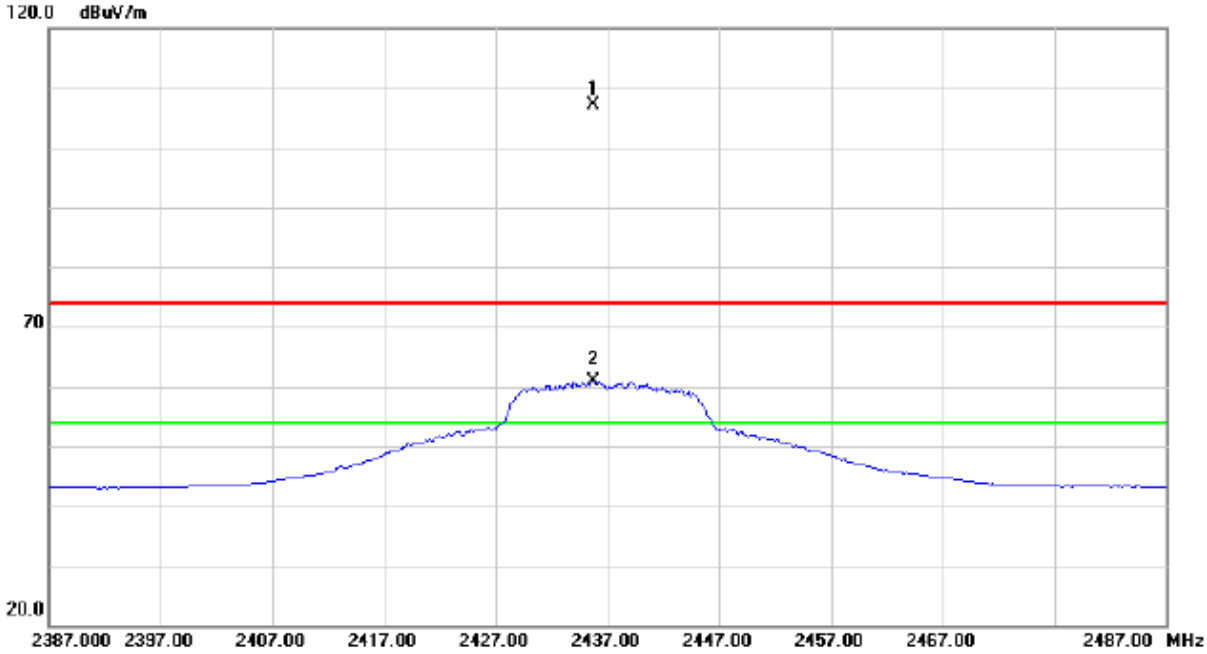
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4825.465	36.61	3.32	39.93	74.00	-34.07	peak	
2		4825.465	24.35	3.32	27.67	54.00	-26.33	AVG	
3		7234.285	36.86	8.46	45.32	74.00	-28.68	peak	
4	*	7234.285	24.42	8.46	32.88	54.00	-21.12	AVG	

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

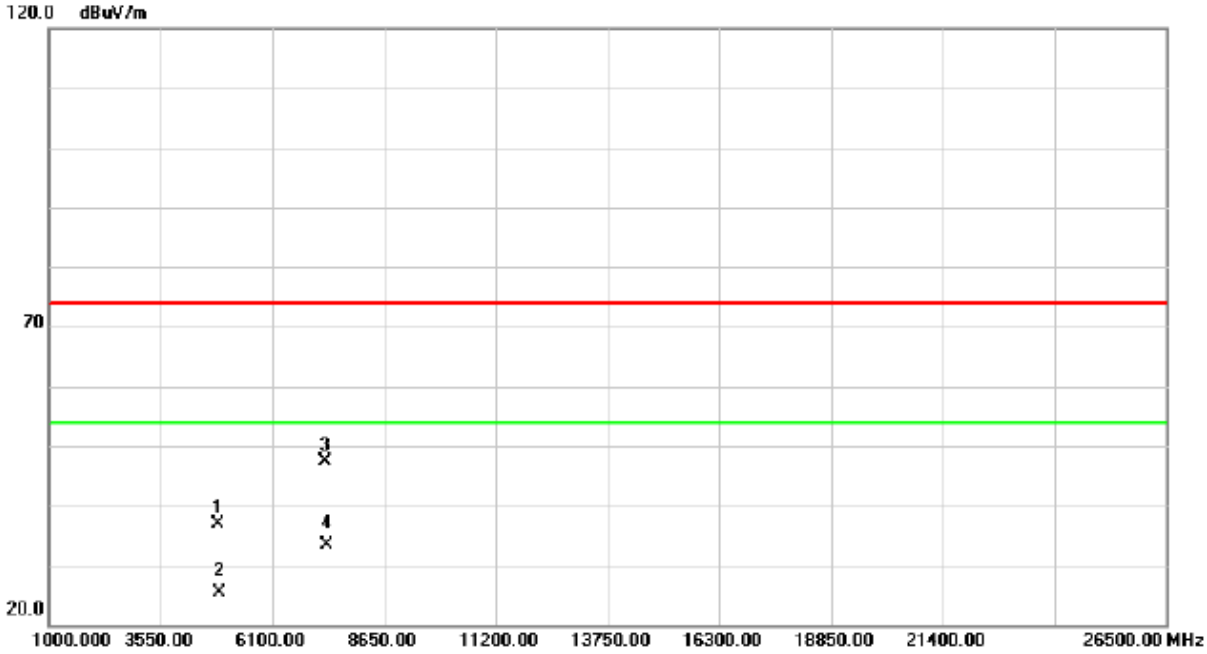
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2435.700	76.32	30.71	107.03	74.00	33.03	peak	no limit
2	X	2435.700	30.09	30.71	60.80	54.00	6.80	AVG	no limit

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

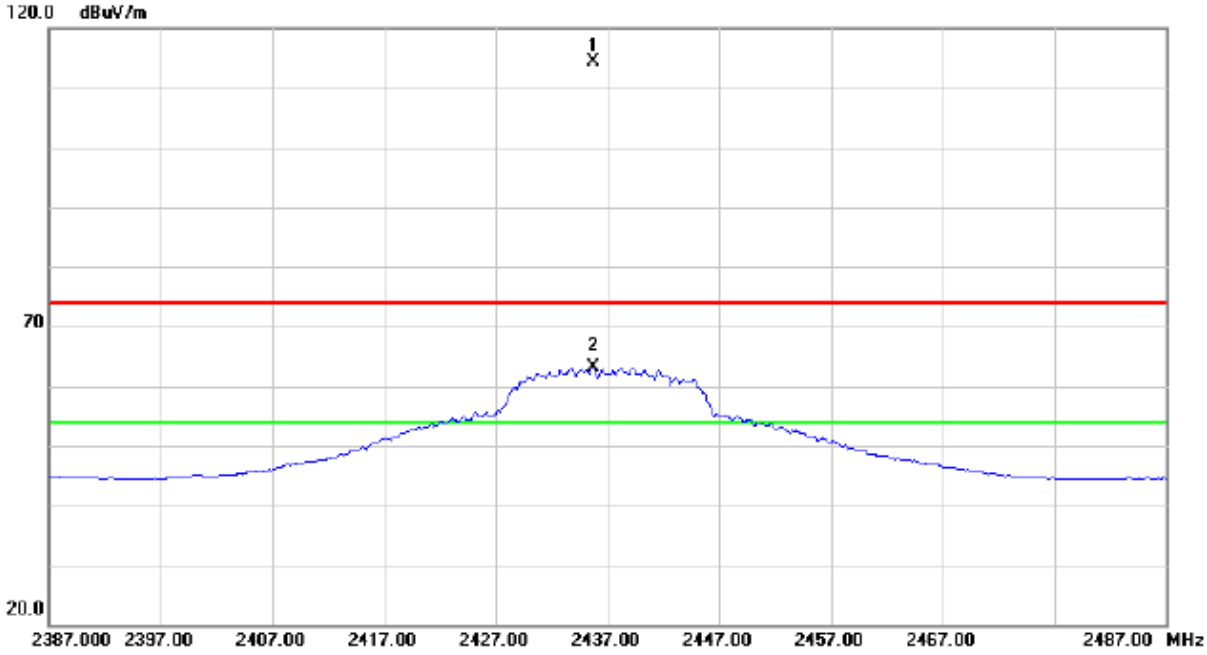
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4871.530	33.45	3.49	36.94	74.00	-37.06	peak	
2		4871.530	21.95	3.49	25.44	54.00	-28.56	AVG	
3		7310.355	38.66	8.60	47.26	74.00	-26.74	peak	
4	*	7310.355	24.90	8.60	33.50	54.00	-20.50	AVG	

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

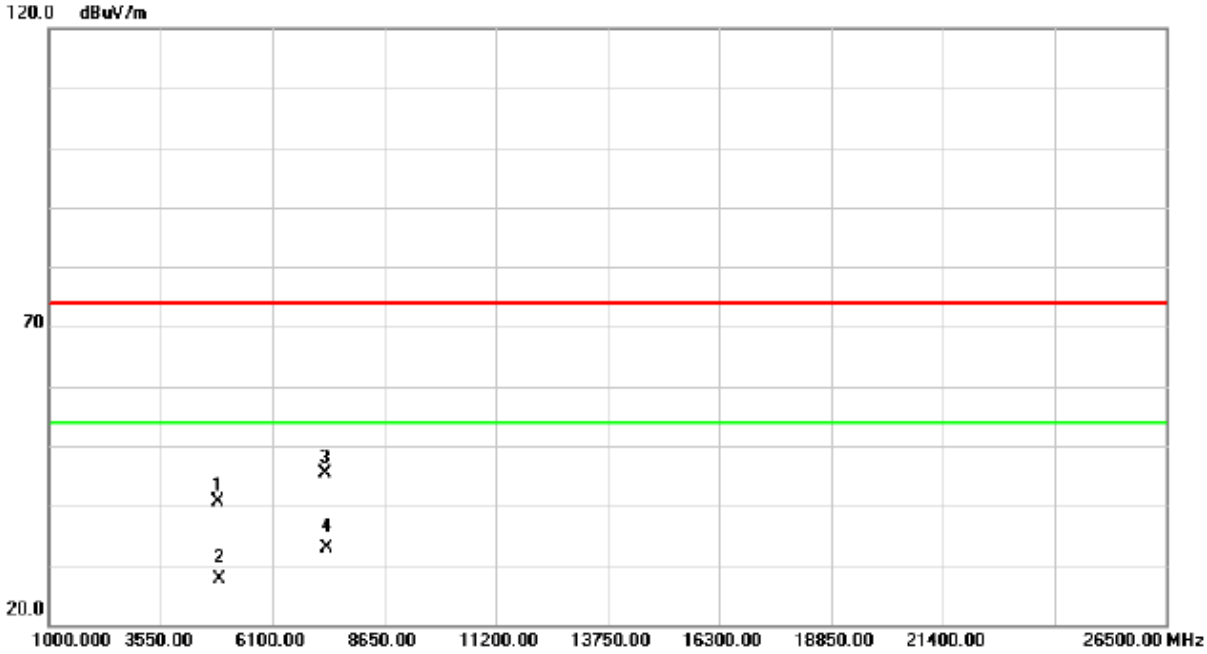
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2435.700	83.59	30.71	114.30	74.00	40.30	peak	no limit
2	X	2435.700	32.38	30.71	63.09	54.00	9.09	AVG	no limit

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

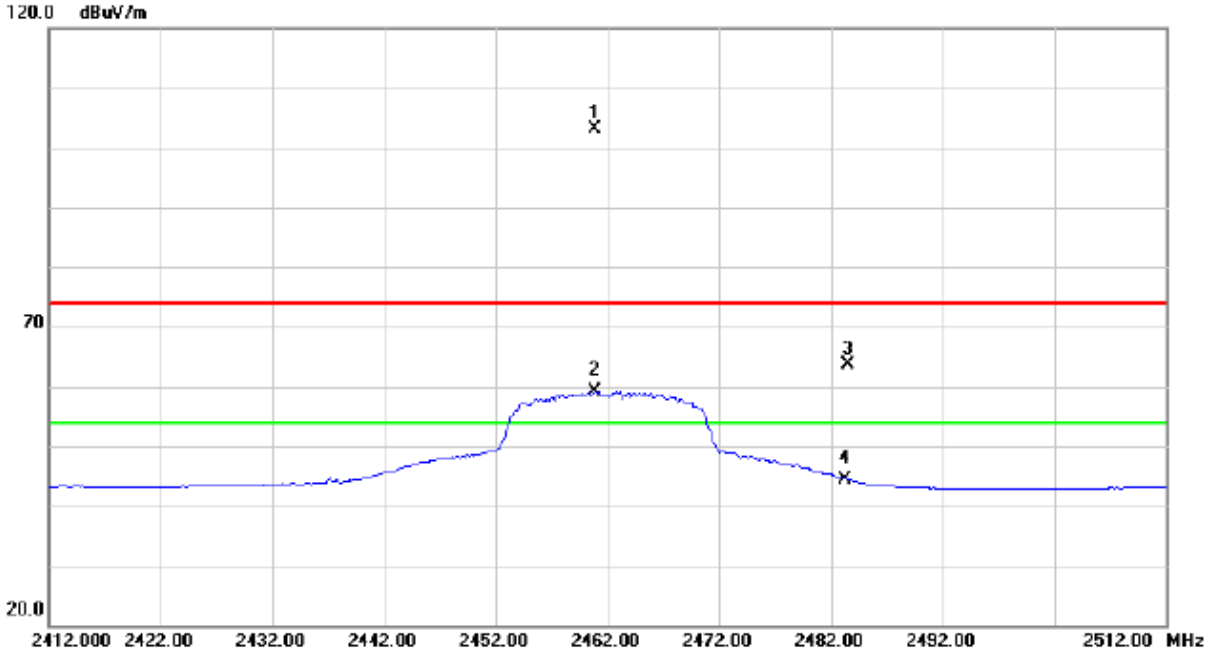
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4871.550	37.24	3.49	40.73	74.00	-33.27	peak	
2		4871.550	24.26	3.49	27.75	54.00	-26.25	AVG	
3		7309.755	36.80	8.61	45.41	74.00	-28.59	peak	
4	*	7309.755	24.21	8.61	32.82	54.00	-21.18	AVG	

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

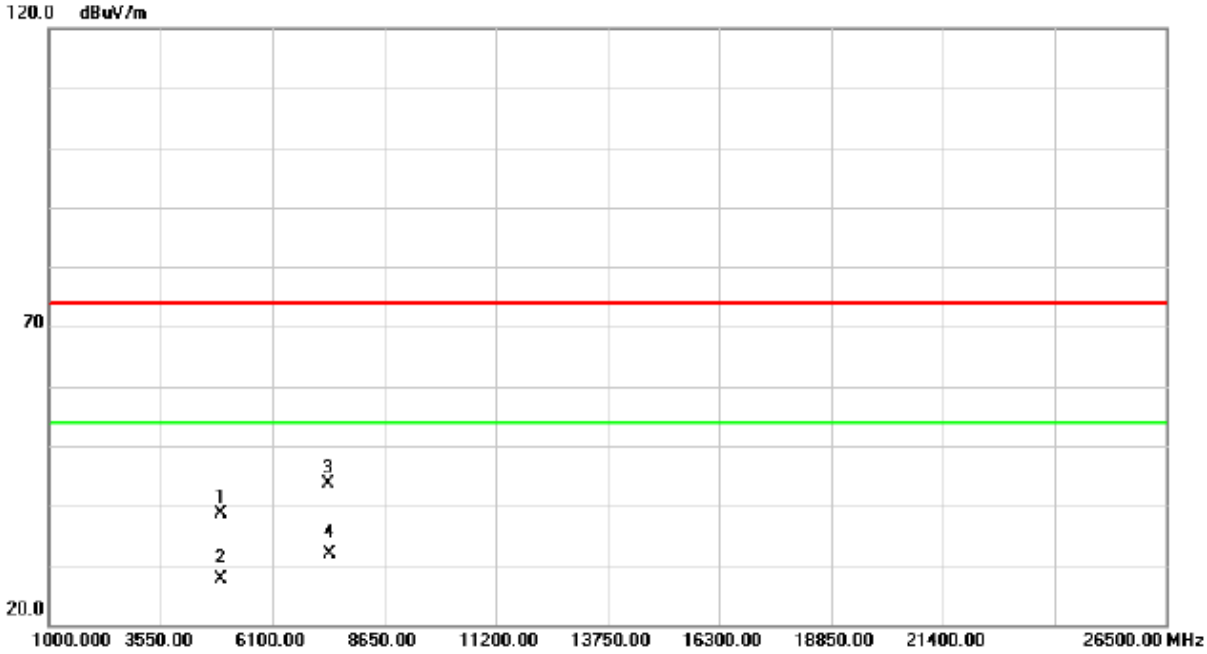
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2460.900	72.23	30.80	103.03	74.00	29.03	peak	no limit
2	X	2460.900	28.42	30.80	59.22	54.00	5.22	AVG	no limit
3		2483.500	32.85	30.87	63.72	74.00	-10.28	peak	
4		2483.500	13.54	30.87	44.41	54.00	-9.59	AVG	

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

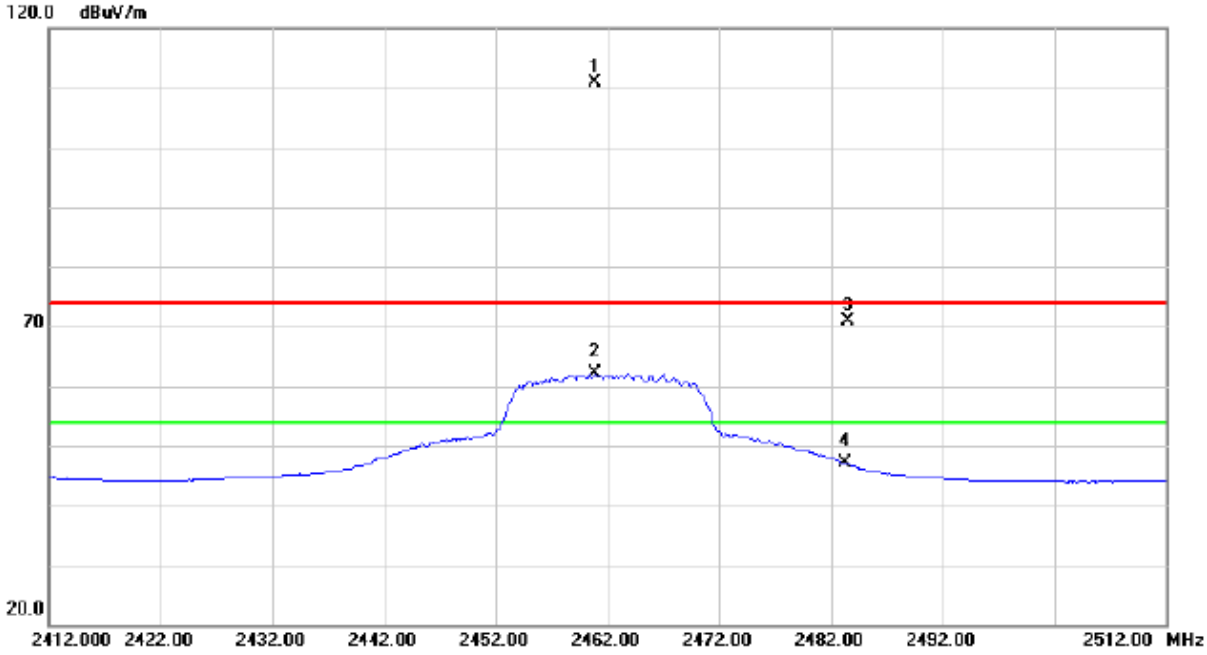
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4921.615	34.98	3.67	38.65	74.00	-35.35	peak	
2		4921.615	23.94	3.67	27.61	54.00	-26.39	AVG	
3		7383.595	34.85	8.74	43.59	74.00	-30.41	peak	
4	*	7383.595	23.17	8.74	31.91	54.00	-22.09	AVG	

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

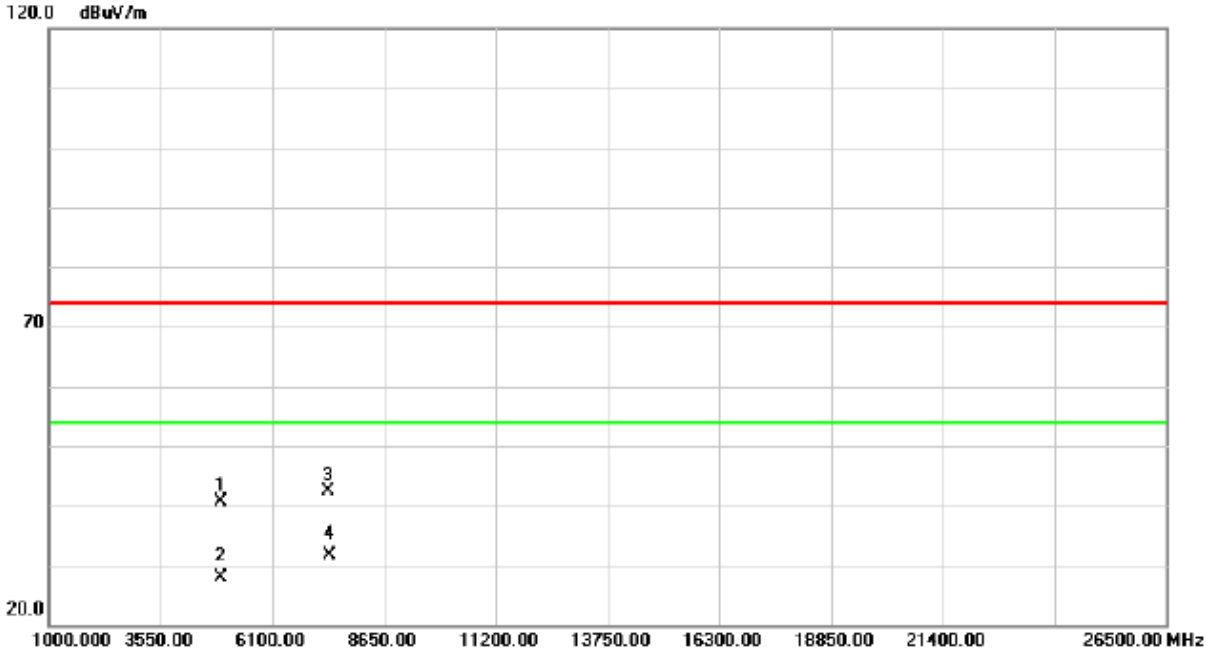
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2460.900	80.12	30.80	110.92	74.00	36.92	peak	no limit
2	X	2460.900	31.24	30.80	62.04	54.00	8.04	AVG	no limit
3		2483.500	39.98	30.87	70.85	74.00	-3.15	peak	
4		2483.500	16.16	30.87	47.03	54.00	-6.97	AVG	

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

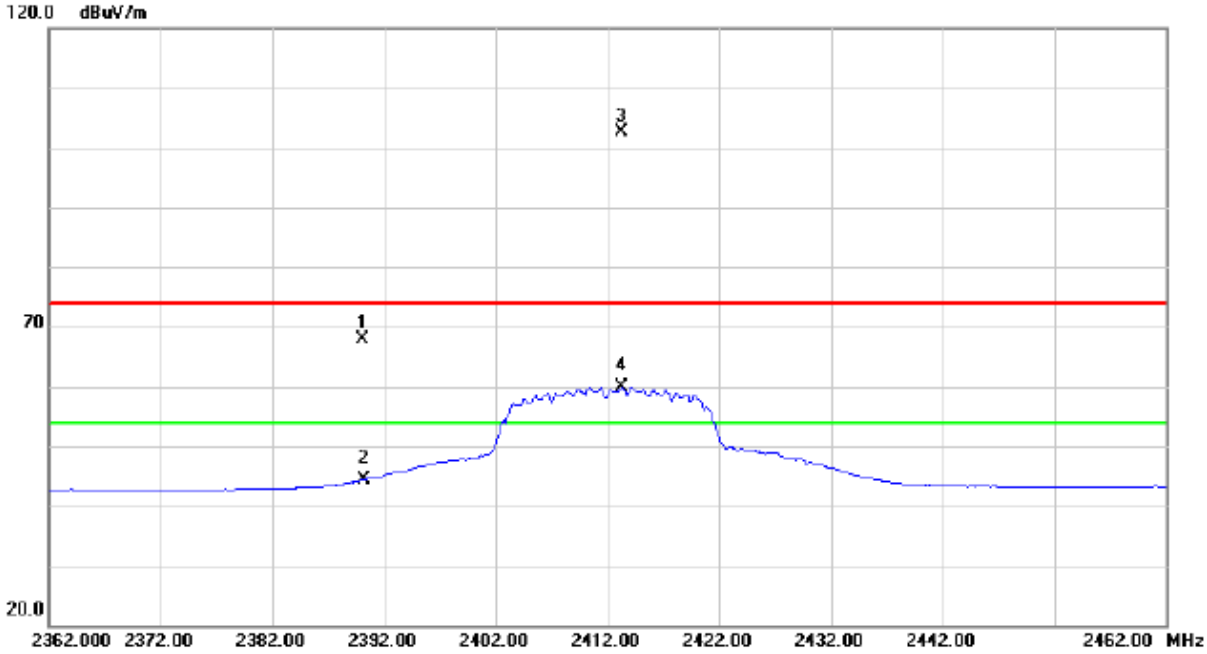
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4921.625	36.97	3.67	40.64	74.00	-33.36	peak	
2		4921.625	24.27	3.67	27.94	54.00	-26.06	AVG	
3		7383.585	33.72	8.74	42.46	74.00	-31.54	peak	
4	*	7383.585	22.96	8.74	31.70	54.00	-22.30	AVG	

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

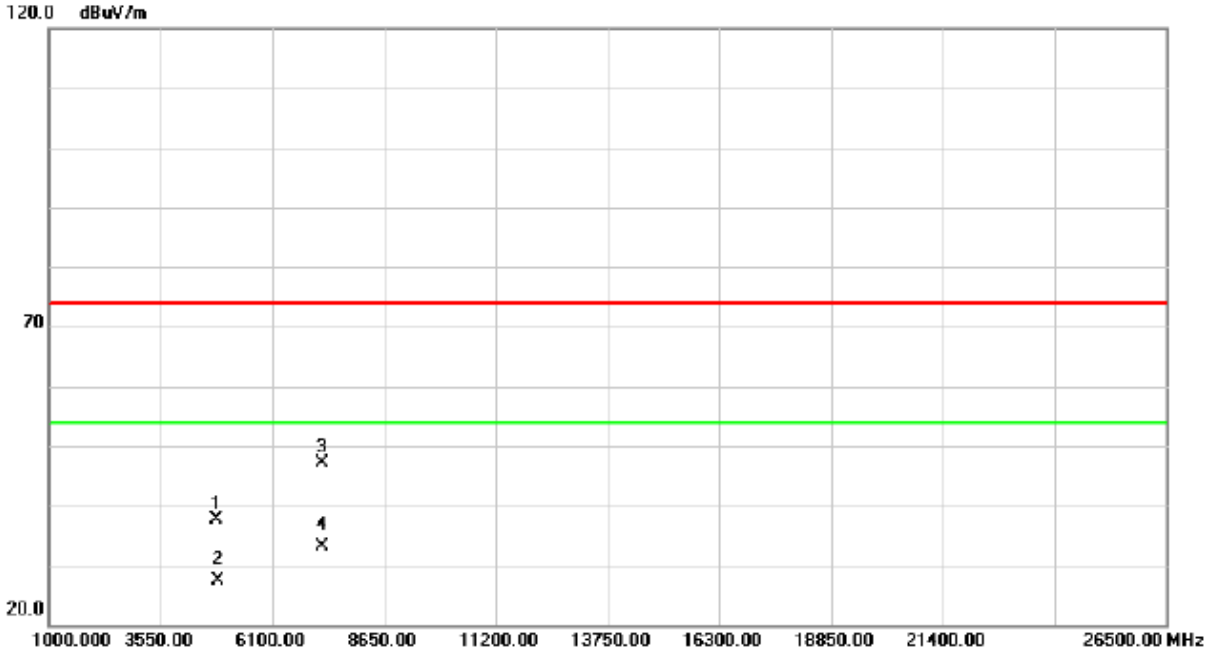
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	37.33	30.56	67.89	74.00	-6.11	peak	
2		2390.000	13.83	30.56	44.39	54.00	-9.61	AVG	
3	*	2413.300	72.03	30.64	102.67	74.00	28.67	peak	no limit
4	X	2413.300	29.26	30.64	59.90	54.00	5.90	AVG	no limit

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

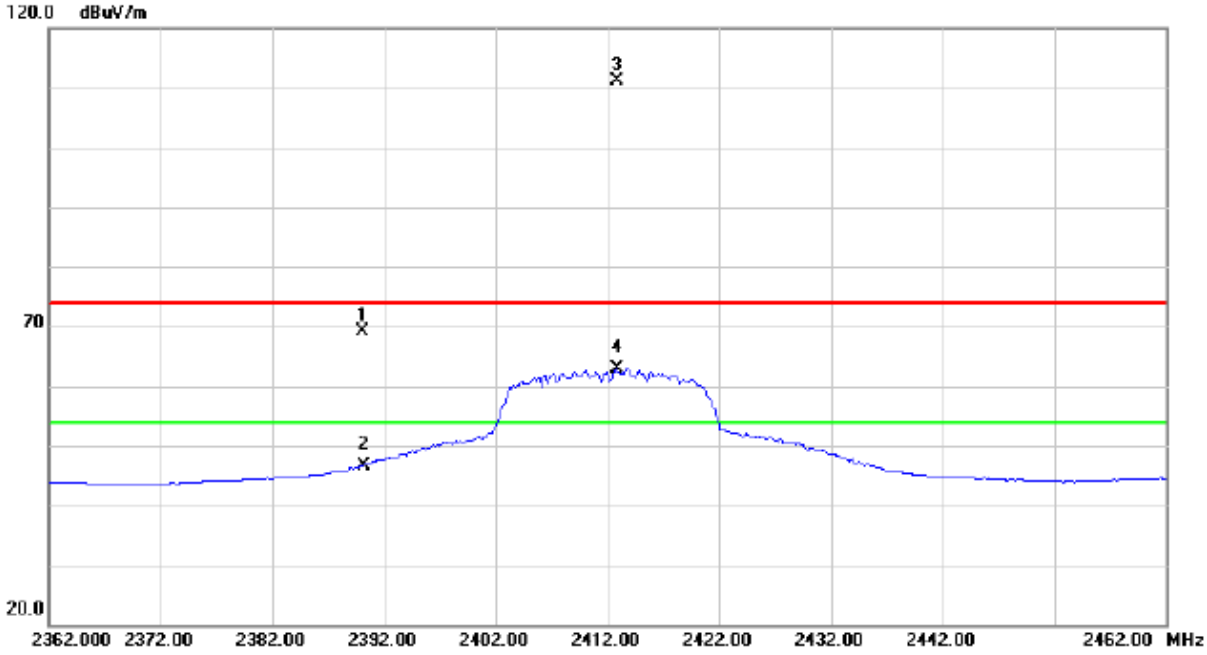
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4826.400	34.22	3.32	37.54	74.00	-36.46	peak	
2		4826.400	24.06	3.32	27.38	54.00	-26.62	AVG	
3		7234.295	38.76	8.46	47.22	74.00	-26.78	peak	
4	*	7234.295	24.67	8.46	33.13	54.00	-20.87	AVG	

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

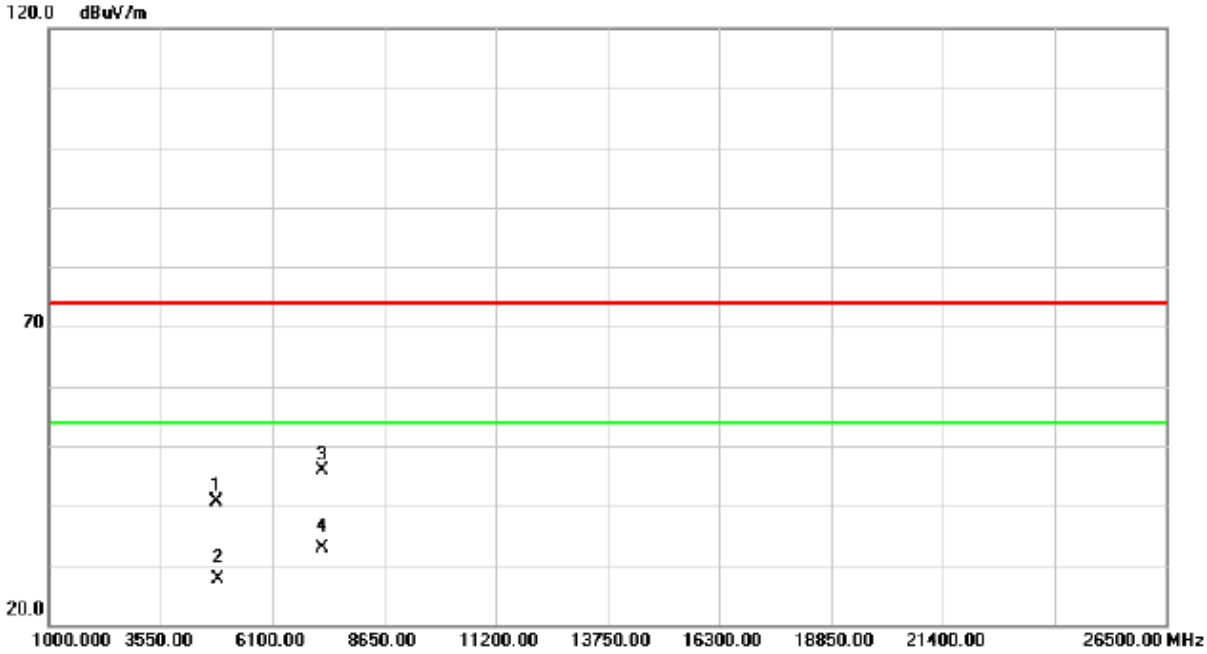
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	38.48	30.56	69.04	74.00	-4.96	peak	
2		2390.000	16.10	30.56	46.66	54.00	-7.34	AVG	
3	*	2412.800	80.60	30.64	111.24	74.00	37.24	peak	no limit
4	X	2412.800	32.25	30.64	62.89	54.00	8.89	AVG	no limit

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

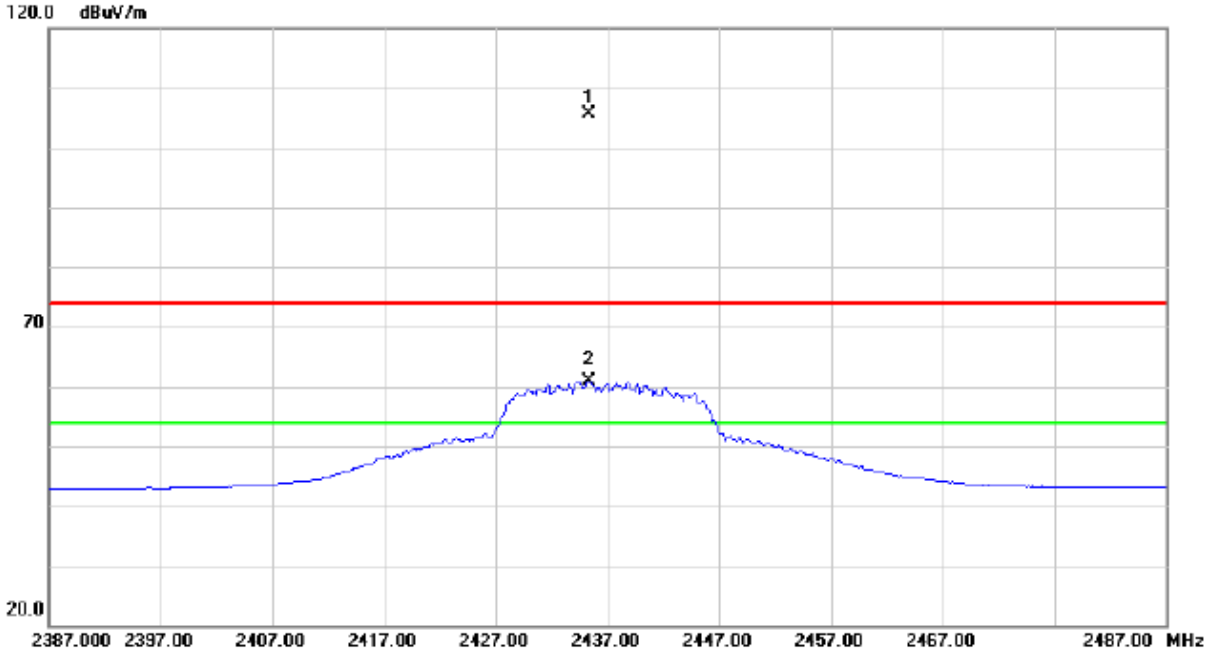
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4826.375	37.39	3.32	40.71	74.00	-33.29	peak	
2		4826.375	24.24	3.32	27.56	54.00	-26.44	AVG	
3		7234.965	37.46	8.46	45.92	74.00	-28.08	peak	
4	*	7234.965	24.52	8.46	32.98	54.00	-21.02	AVG	

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

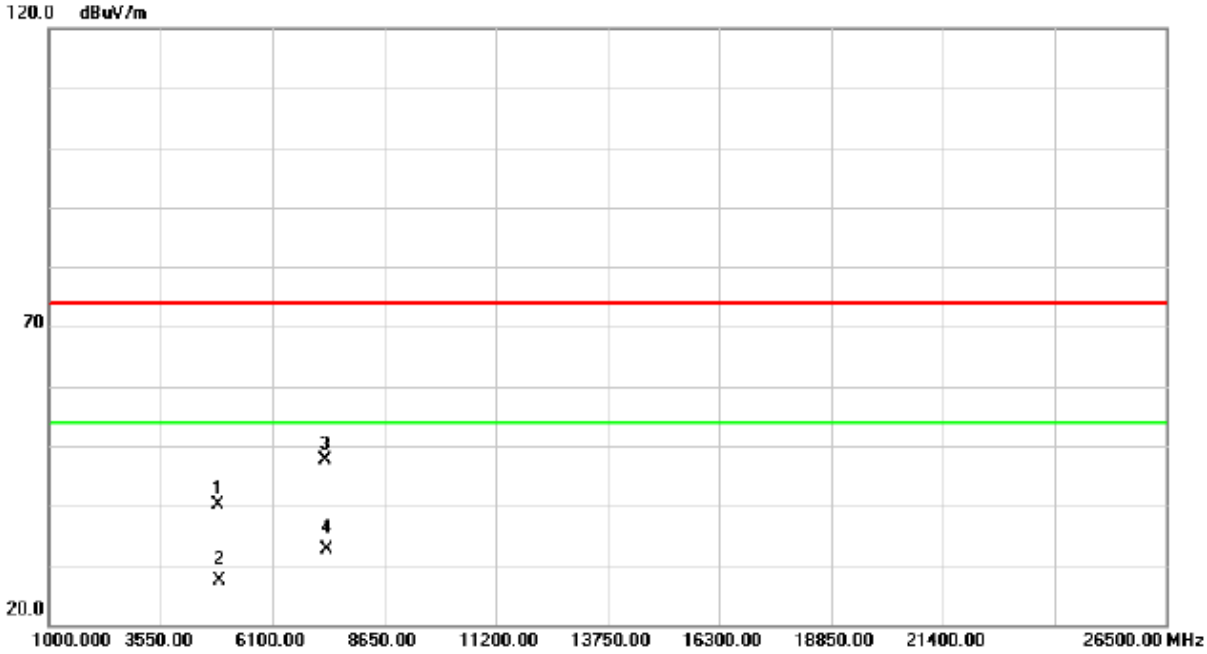
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2435.300	74.86	30.71	105.57	74.00	31.57	peak	no limit
2	X	2435.300	30.21	30.71	60.92	54.00	6.92	AVG	no limit

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

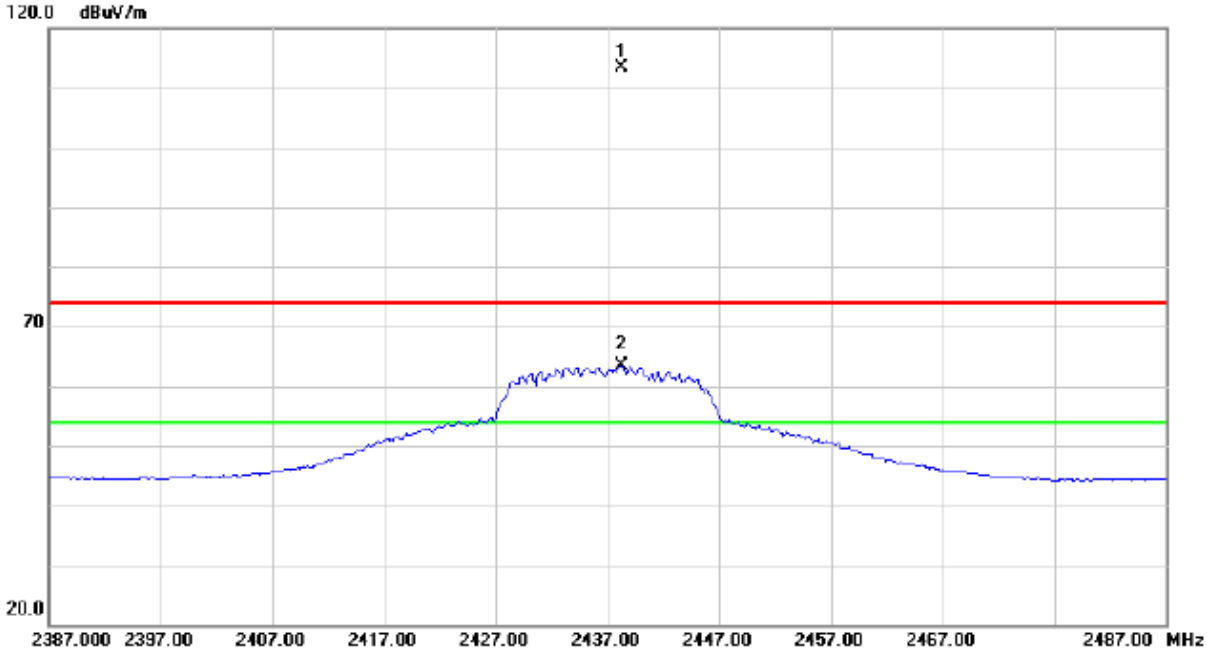
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4872.705	36.57	3.49	40.06	74.00	-33.94	peak	
2		4872.705	23.94	3.49	27.43	54.00	-26.57	AVG	
3		7312.525	38.94	8.61	47.55	74.00	-26.45	peak	
4	*	7312.525	24.13	8.61	32.74	54.00	-21.26	AVG	

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

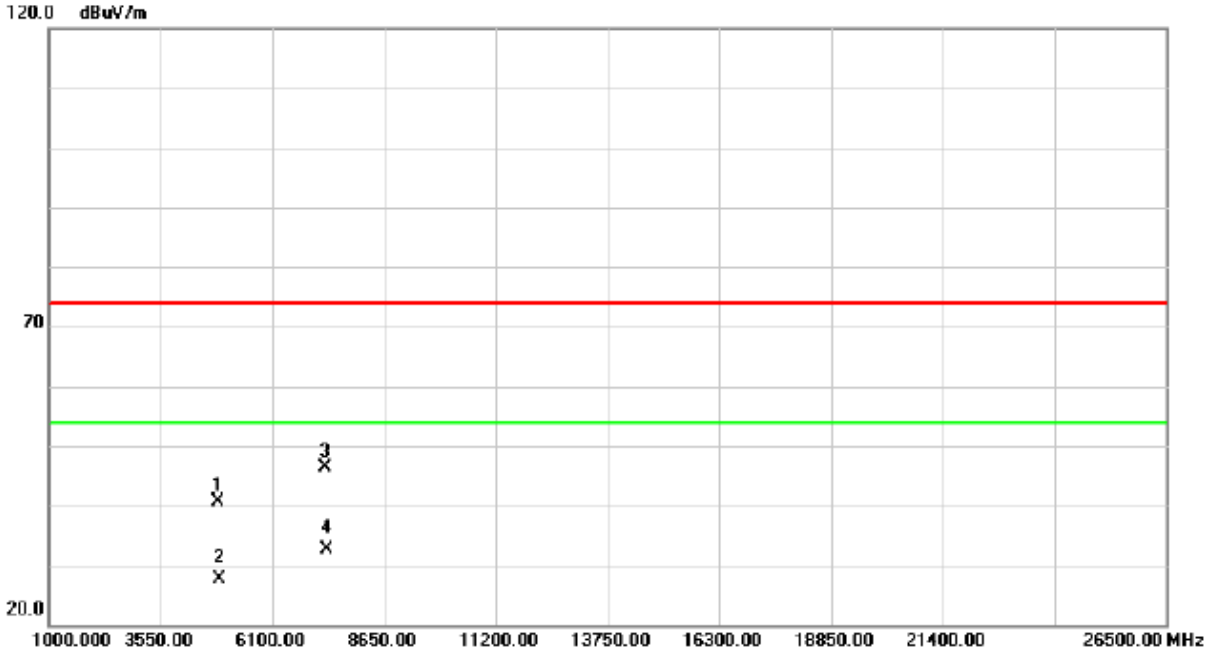
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2438.200	82.68	30.72	113.40	74.00	39.40	peak	no limit
2	X	2438.200	32.76	30.72	63.48	54.00	9.48	AVG	no limit

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

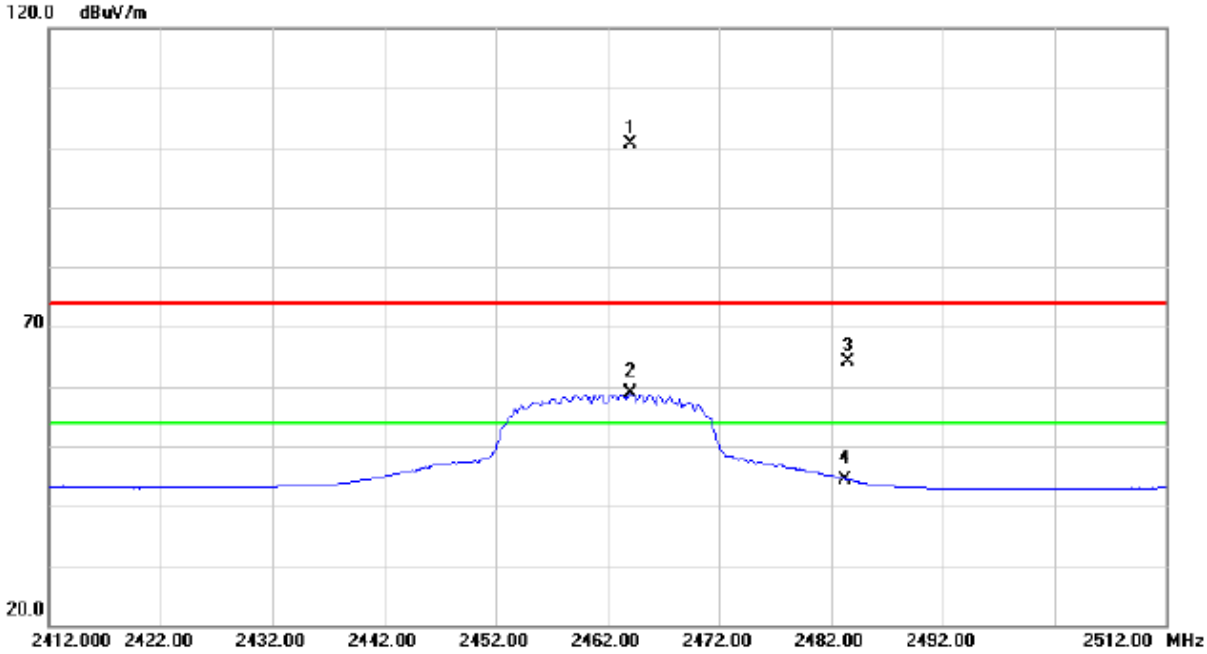
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4871.605	37.13	3.49	40.62	74.00	-33.38	peak	
2		4871.605	24.13	3.49	27.62	54.00	-26.38	AVG	
3		7308.995	37.78	8.61	46.39	74.00	-27.61	peak	
4	*	7308.995	24.14	8.61	32.75	54.00	-21.25	AVG	

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

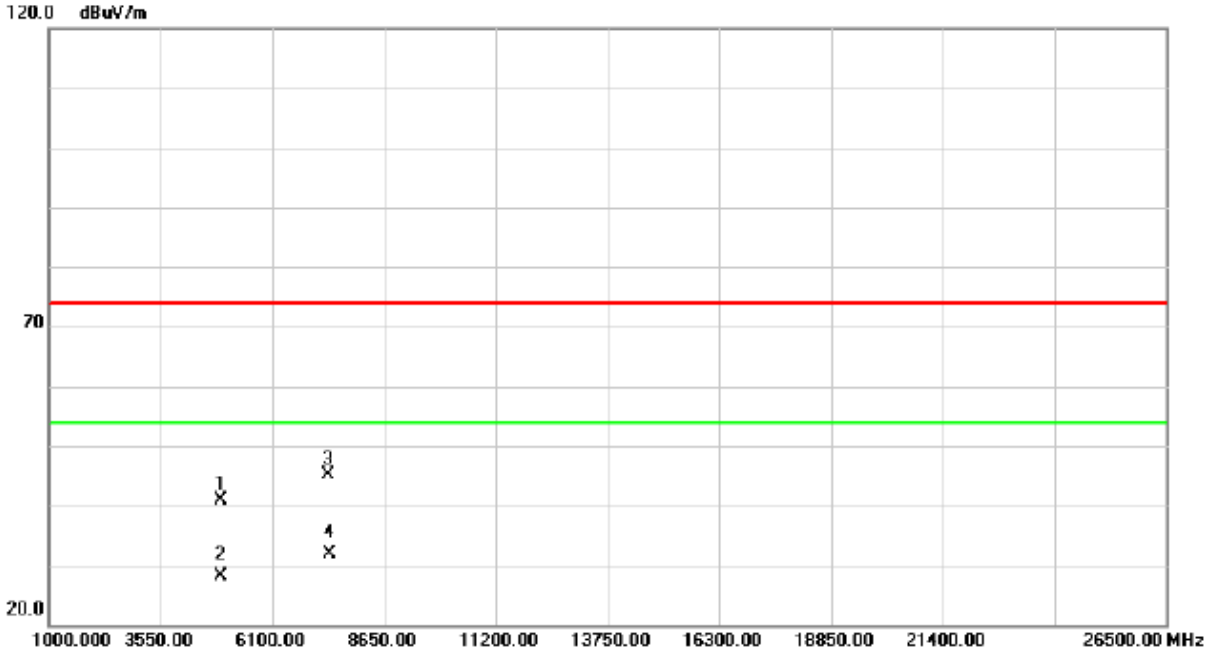
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2464.100	69.78	30.81	100.59	74.00	26.59	peak	no limit
2	X	2464.100	28.13	30.81	58.94	54.00	4.94	AVG	no limit
3		2483.500	33.25	30.87	64.12	74.00	-9.88	peak	
4		2483.500	13.53	30.87	44.40	54.00	-9.60	AVG	

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

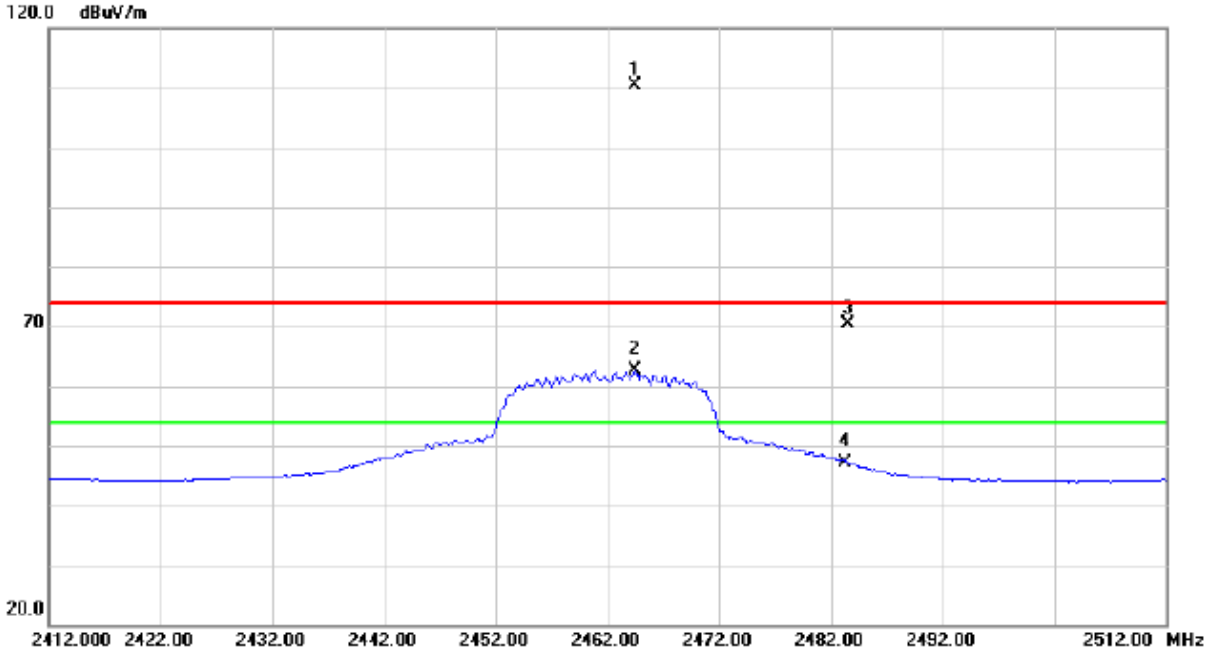
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4922.610	37.12	3.67	40.79	74.00	-33.21	peak	
2		4922.610	24.58	3.67	28.25	54.00	-25.75	AVG	
3		7385.255	36.46	8.74	45.20	74.00	-28.80	peak	
4	*	7385.255	23.03	8.74	31.77	54.00	-22.23	AVG	

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

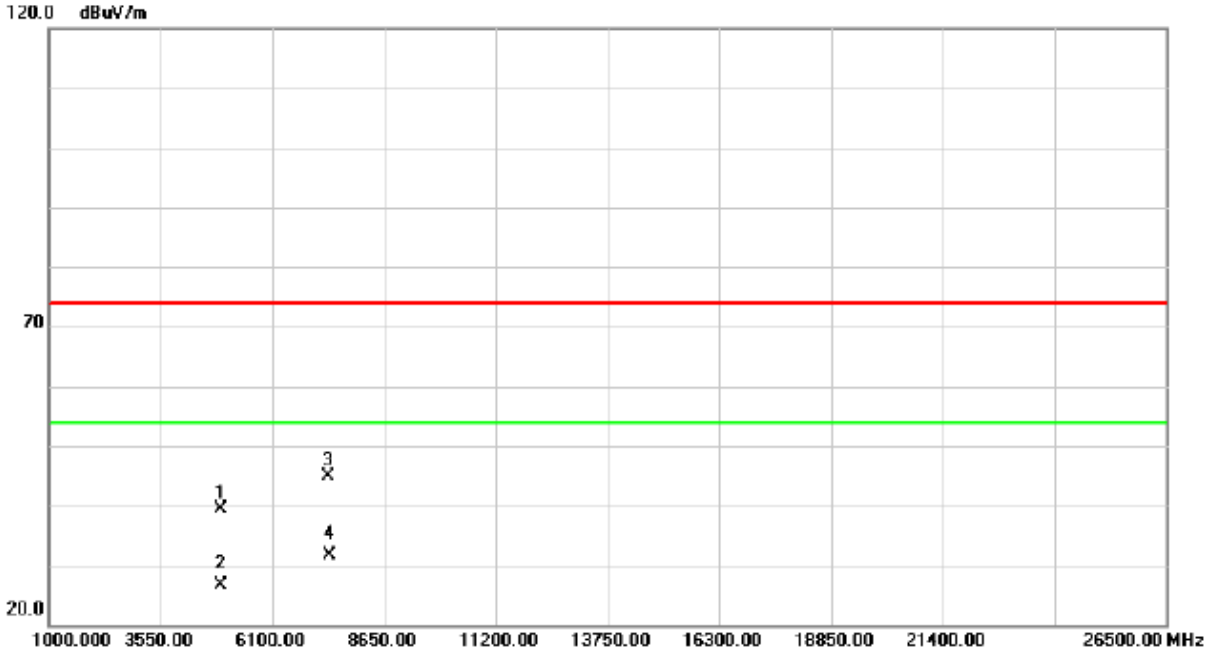
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2464.500	79.69	30.81	110.50	74.00	36.50	peak	no limit
2	X	2464.500	31.79	30.81	62.60	54.00	8.60	AVG	no limit
3		2483.500	39.44	30.87	70.31	74.00	-3.69	peak	
4		2483.500	16.27	30.87	47.14	54.00	-6.86	AVG	

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

Horizontal

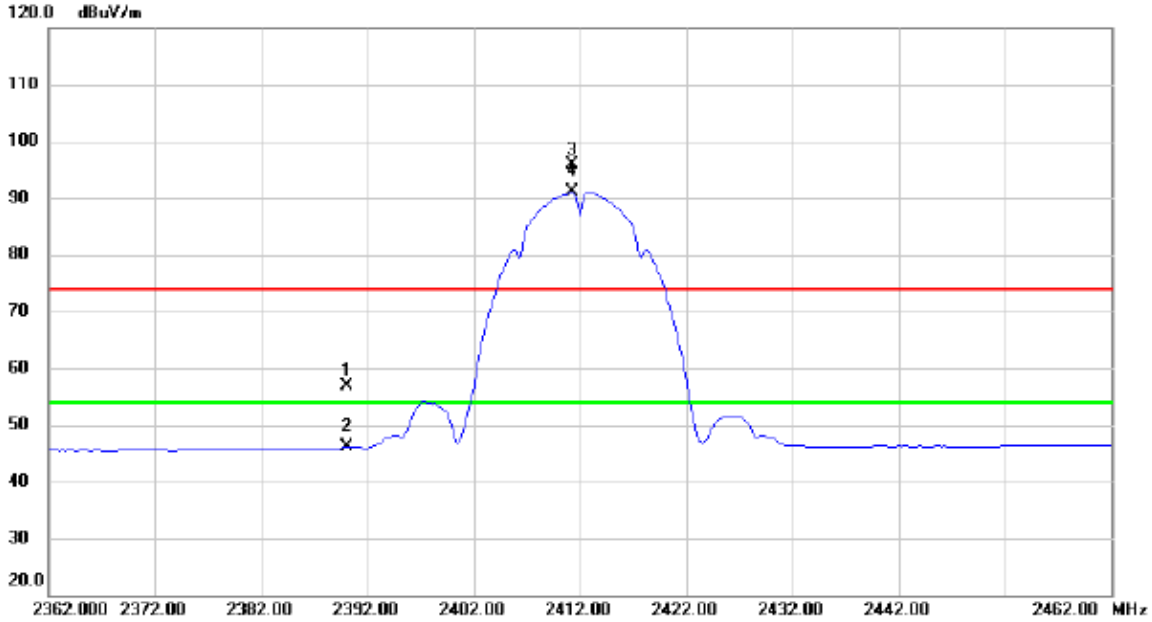


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4921.675	35.72	3.67	39.39	74.00	-34.61	peak	
2		4921.675	22.91	3.67	26.58	54.00	-27.42	AVG	
3		7385.460	36.19	8.74	44.93	74.00	-29.07	peak	
4	*	7385.460	22.99	8.74	31.73	54.00	-22.27	AVG	

For Printed Ant.

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

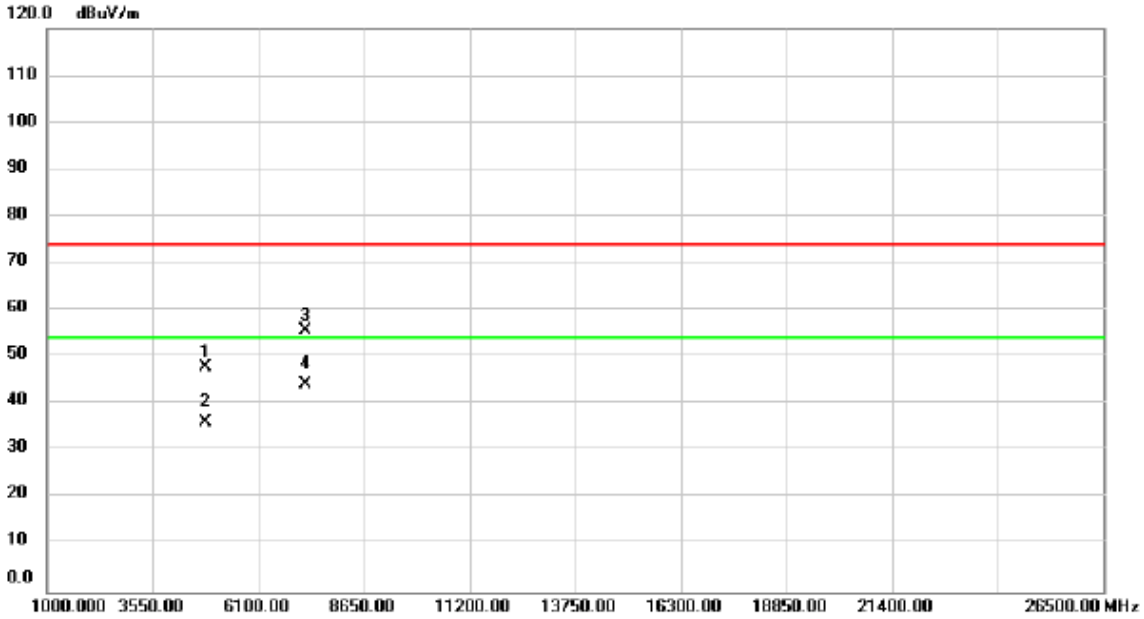
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.90	31.96	56.86	74.00	-17.14	peak	
2		2390.000	14.13	31.96	46.09	54.00	-7.91	AVG	
3	X	2411.250	63.81	32.03	95.84	74.00	21.84	peak	no limit
4	*	2411.250	59.08	32.03	91.11	54.00	37.11	AVG	no limit

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

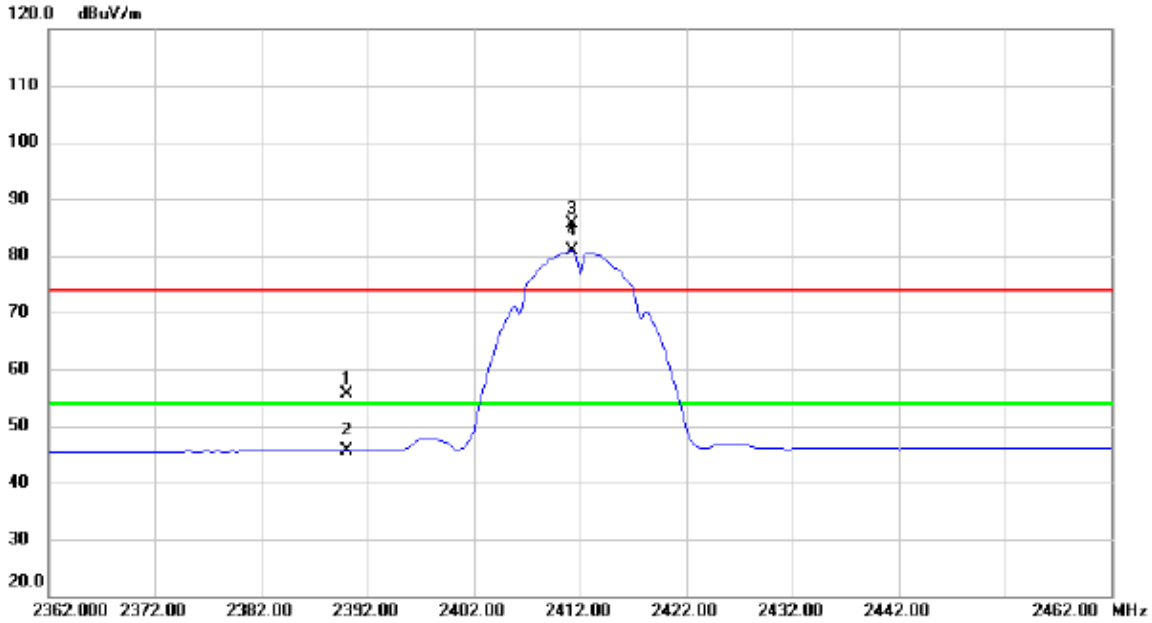
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4820.525	42.16	5.80	47.96	74.00	-26.04	peak	
2		4820.525	30.47	5.80	36.27	54.00	-17.73	AVG	
3		7231.450	41.86	13.87	55.73	74.00	-18.27	peak	
4	*	7231.450	30.43	13.87	44.30	54.00	-9.70	AVG	

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

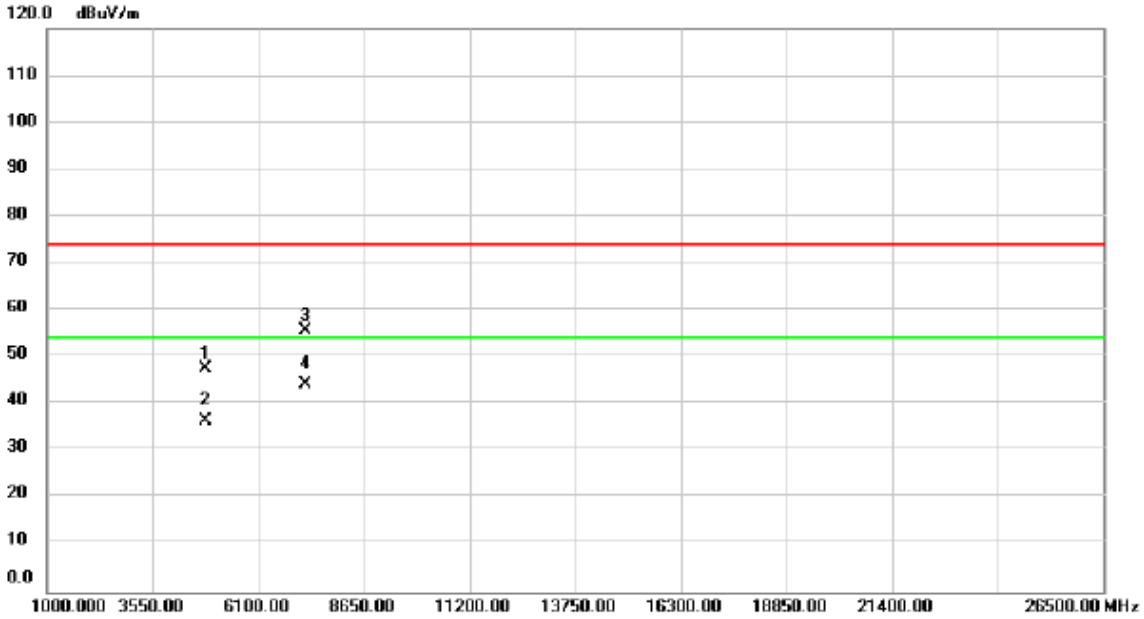
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.75	31.96	55.71	74.00	-18.29	peak	
2		2390.000	13.74	31.96	45.70	54.00	-8.30	AVG	
3	X	2411.250	53.64	32.03	85.67	74.00	11.67	peak	no limit
4	*	2411.250	48.85	32.03	80.88	54.00	26.88	AVG	no limit

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

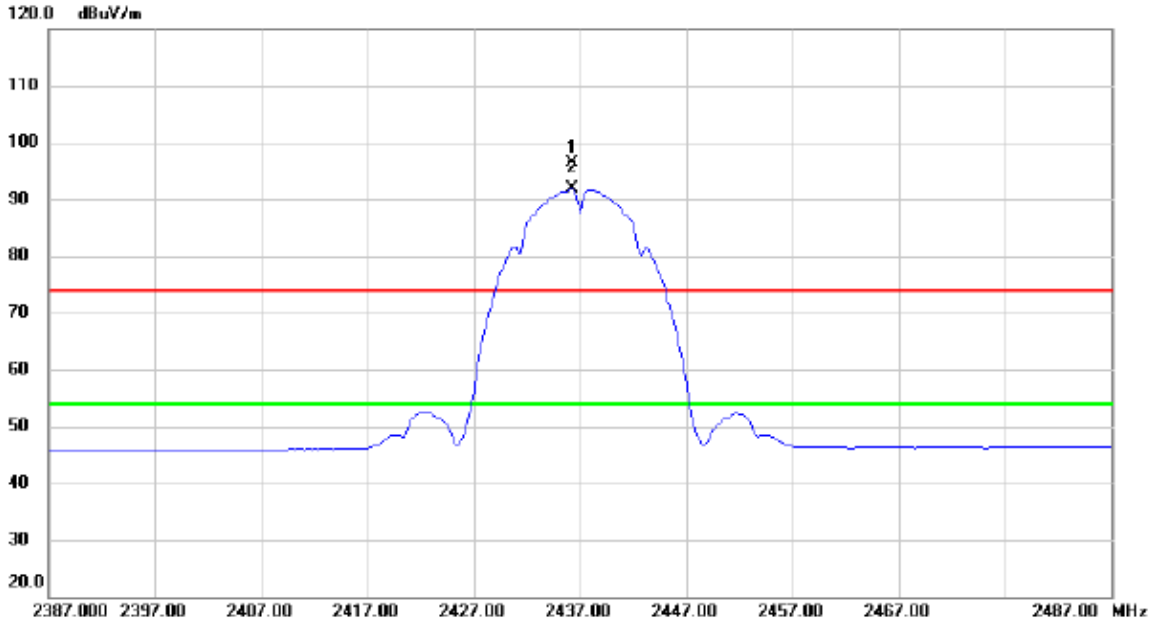
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4815.675	41.84	5.79	47.63	74.00	-26.37	peak	
2		4815.675	30.57	5.79	36.36	54.00	-17.64	AVG	
3		7230.075	41.92	13.87	55.79	74.00	-18.21	peak	
4	*	7230.075	30.49	13.87	44.36	54.00	-9.64	AVG	

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

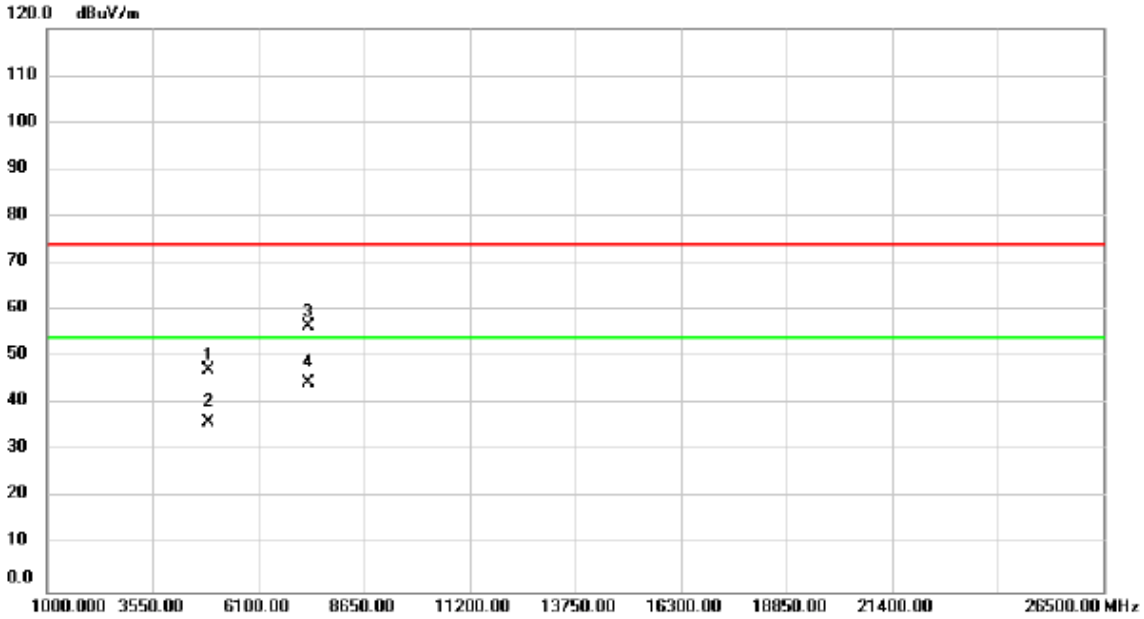
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.250	64.38	32.12	96.50	74.00	22.50	peak	no limit
2	*	2436.250	59.72	32.12	91.84	54.00	37.84	AVG	no limit

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

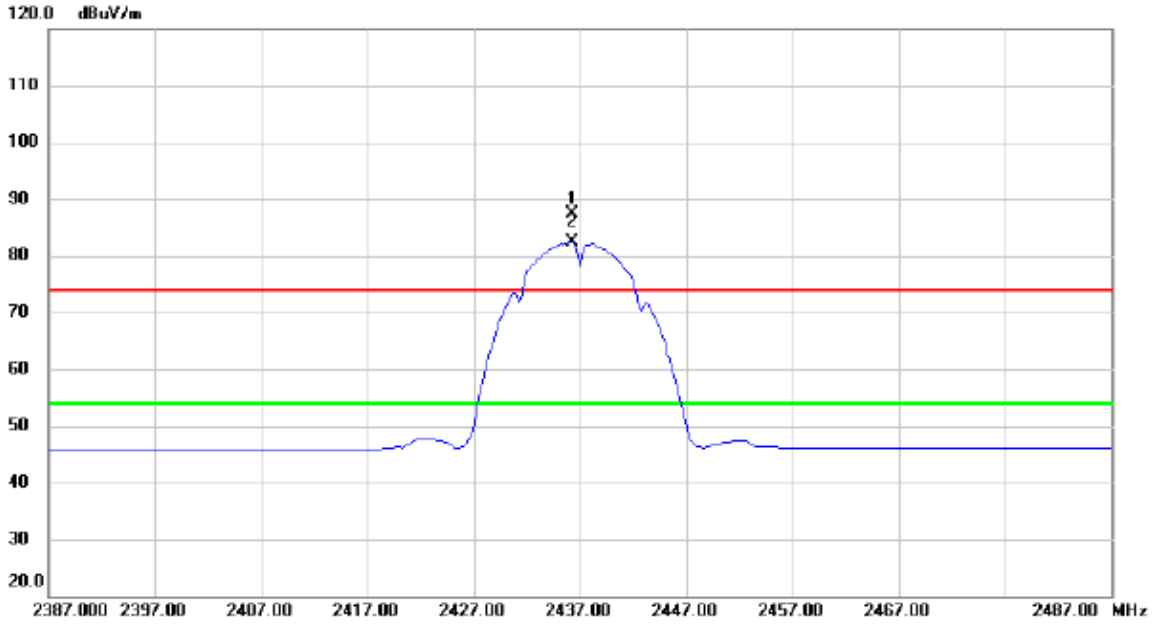
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4877.525	41.46	5.85	47.31	74.00	-26.69	peak	
2		4877.525	30.25	5.85	36.10	54.00	-17.90	AVG	
3		7306.800	42.45	14.05	56.50	74.00	-17.50	peak	
4	*	7306.800	30.53	14.05	44.58	54.00	-9.42	AVG	

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

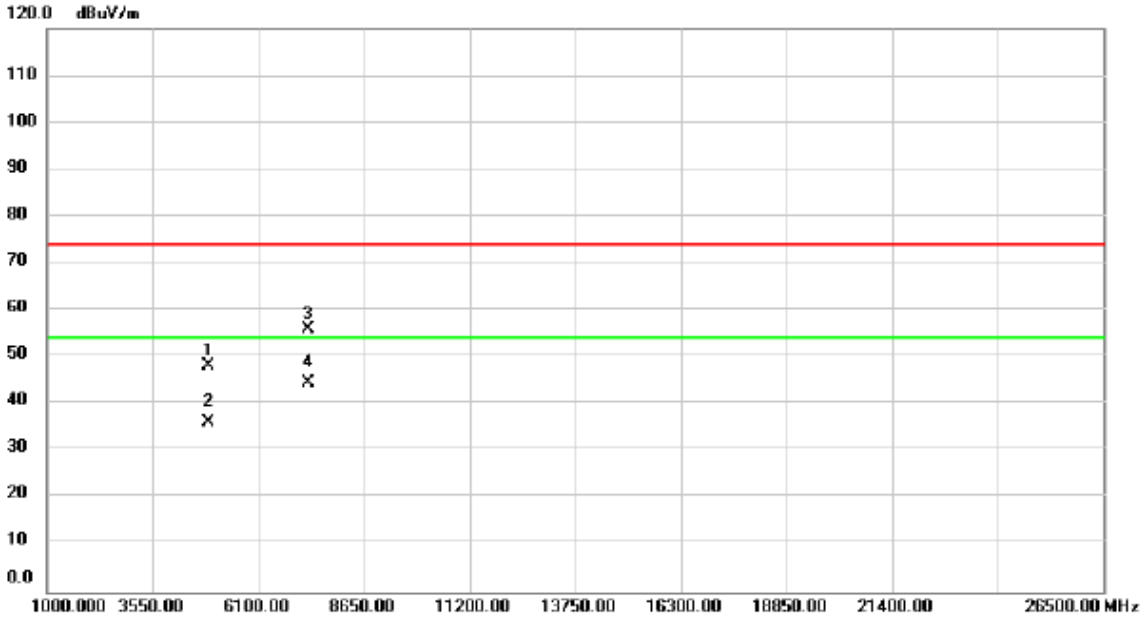
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.250	55.15	32.12	87.27	74.00	13.27	peak	no limit
2	*	2436.250	50.29	32.12	82.41	54.00	28.41	AVG	no limit

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

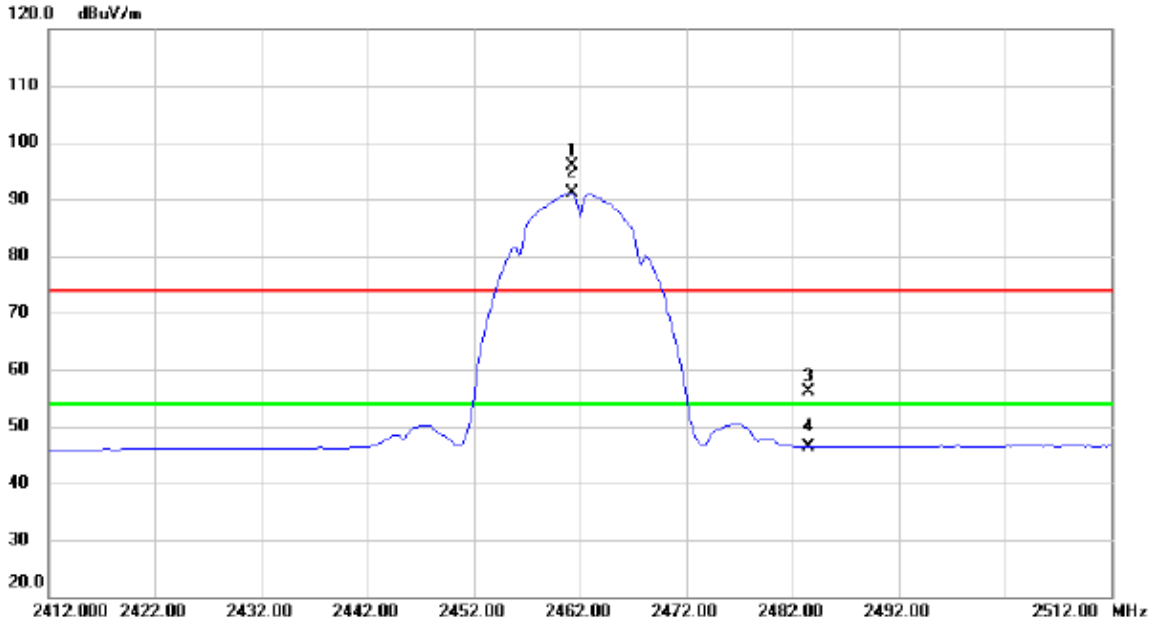
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4878.325	42.28	5.85	48.13	74.00	-25.87	peak	
2		4878.325	30.16	5.85	36.01	54.00	-17.99	AVG	
3		7306.300	41.95	14.05	56.00	74.00	-18.00	peak	
4	*	7306.300	30.47	14.05	44.52	54.00	-9.48	AVG	

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

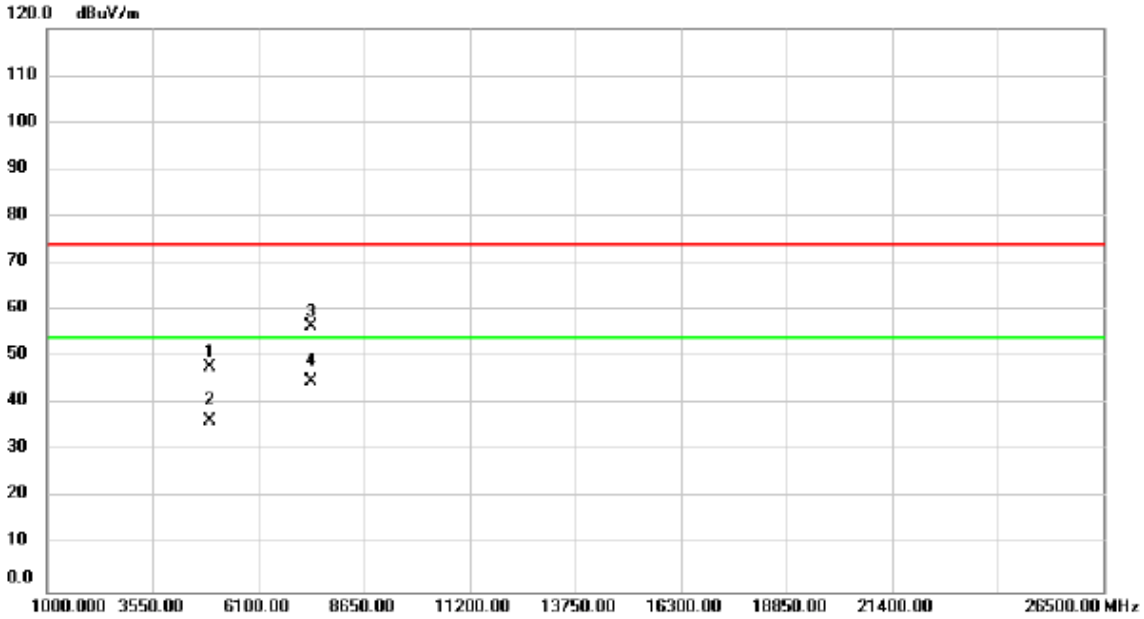
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.250	63.58	32.22	95.80	74.00	21.80	peak	no limit
2	*	2461.250	58.90	32.22	91.12	54.00	37.12	AVG	no limit
3		2483.500	23.95	32.30	56.25	74.00	-17.75	peak	
4		2483.500	14.02	32.30	46.32	54.00	-7.68	AVG	

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

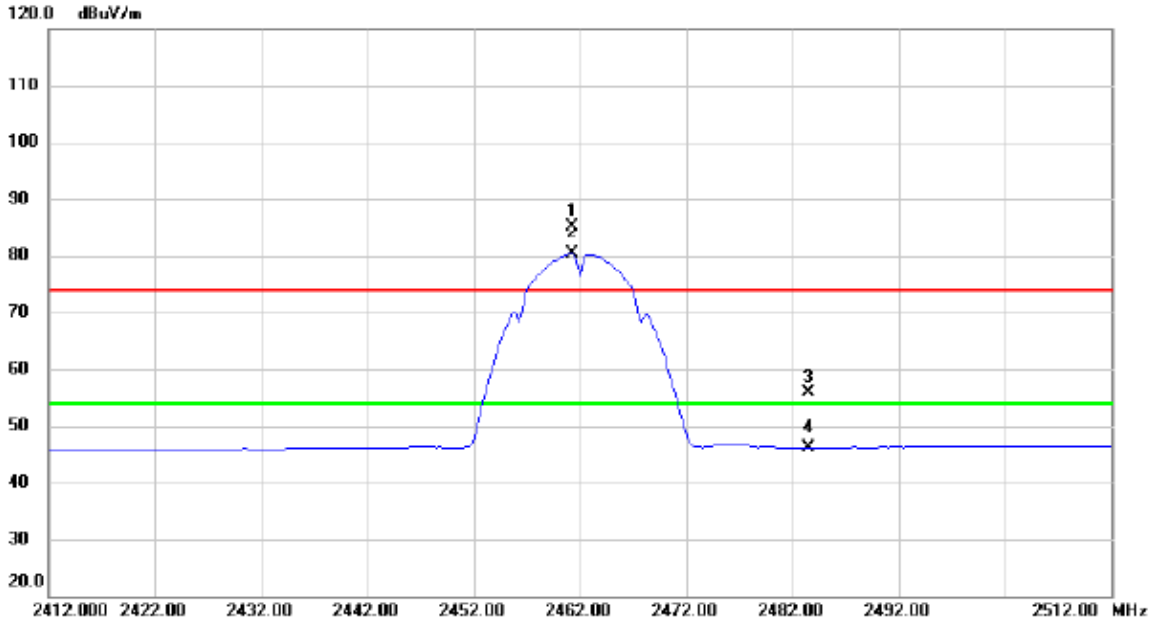
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4928.425	41.90	5.91	47.81	74.00	-26.19	peak	
2		4928.425	30.43	5.91	36.34	54.00	-17.66	AVG	
3		7382.000	42.21	14.22	56.43	74.00	-17.57	peak	
4	*	7382.000	30.64	14.22	44.86	54.00	-9.14	AVG	

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

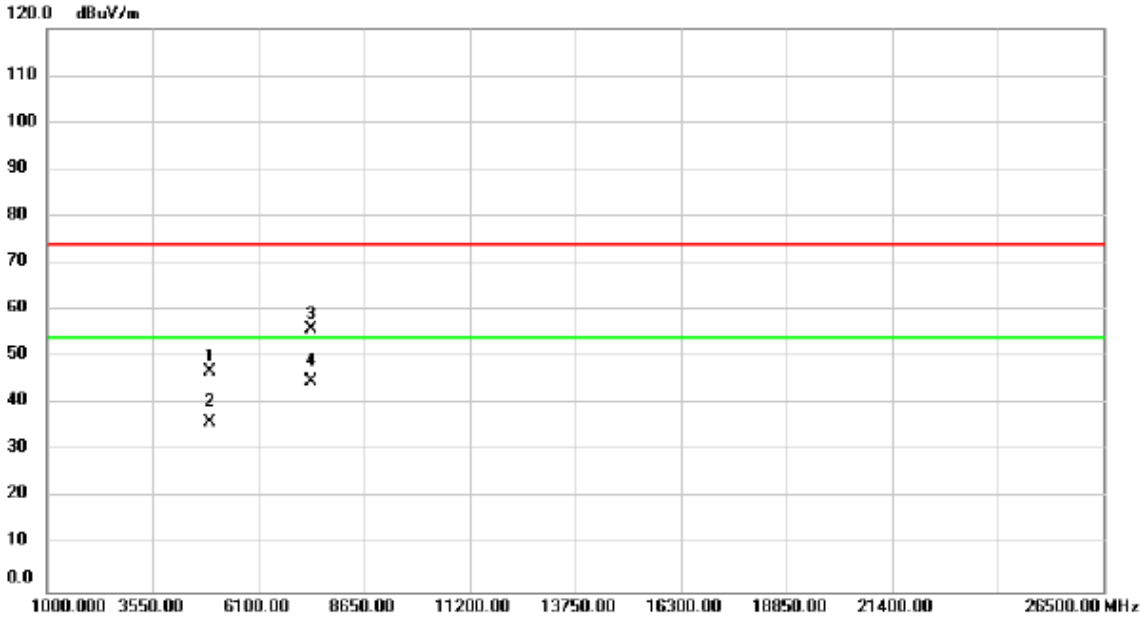
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.250	52.93	32.22	85.15	74.00	11.15	peak	no limit
2	*	2461.250	48.12	32.22	80.34	54.00	26.34	AVG	no limit
3		2483.500	23.69	32.30	55.99	74.00	-18.01	peak	
4		2483.500	13.86	32.30	46.16	54.00	-7.84	AVG	

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

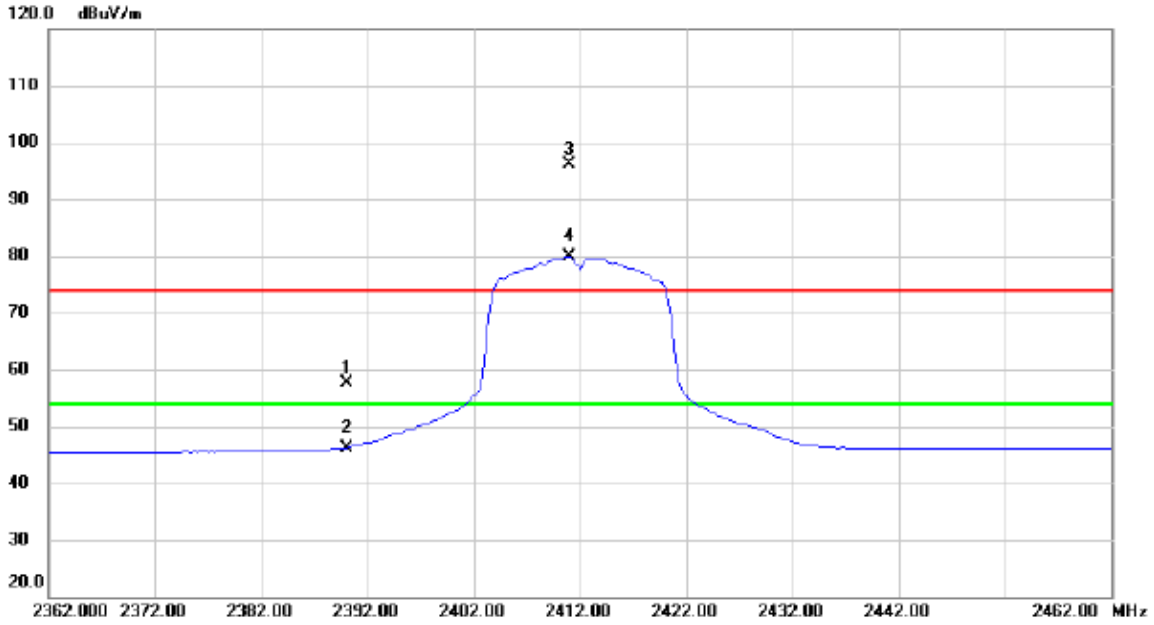
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4928.825	41.14	5.91	47.05	74.00	-26.95	peak	
2		4928.825	30.36	5.91	36.27	54.00	-17.73	AVG	
3		7382.175	41.78	14.22	56.00	74.00	-18.00	peak	
4	*	7382.175	30.56	14.22	44.78	54.00	-9.22	AVG	

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

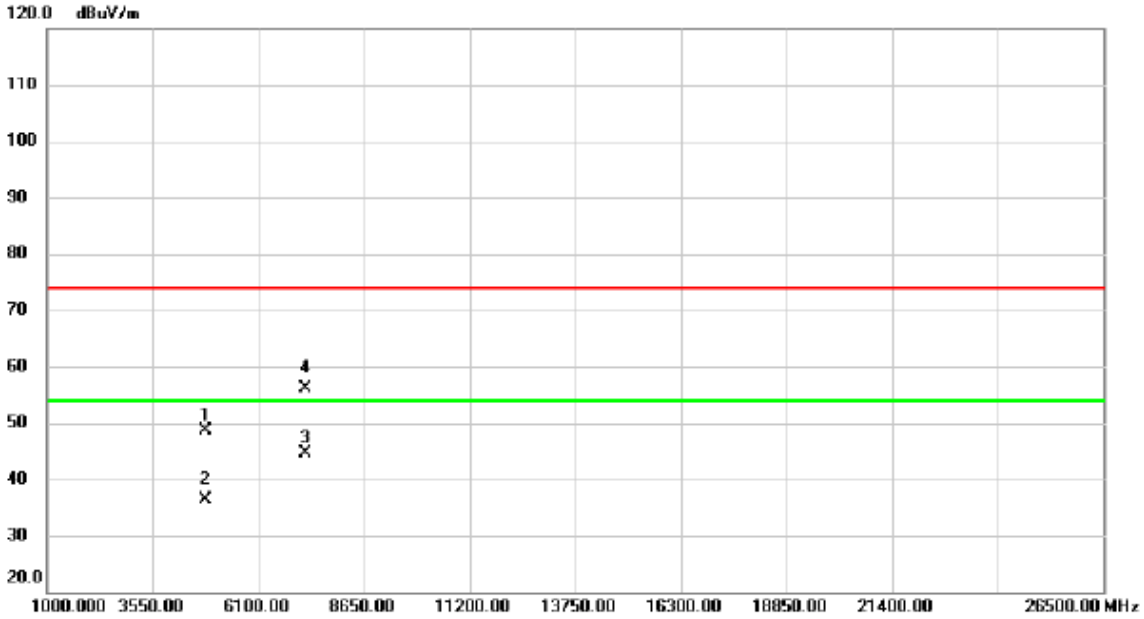
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	25.76	31.96	57.72	74.00	-16.28	peak	
2		2390.000	14.29	31.96	46.25	54.00	-7.75	AVG	
3	X	2411.000	63.98	32.03	96.01	74.00	22.01	peak	no limit
4	*	2411.000	47.80	32.03	79.83	54.00	25.83	AVG	no limit

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

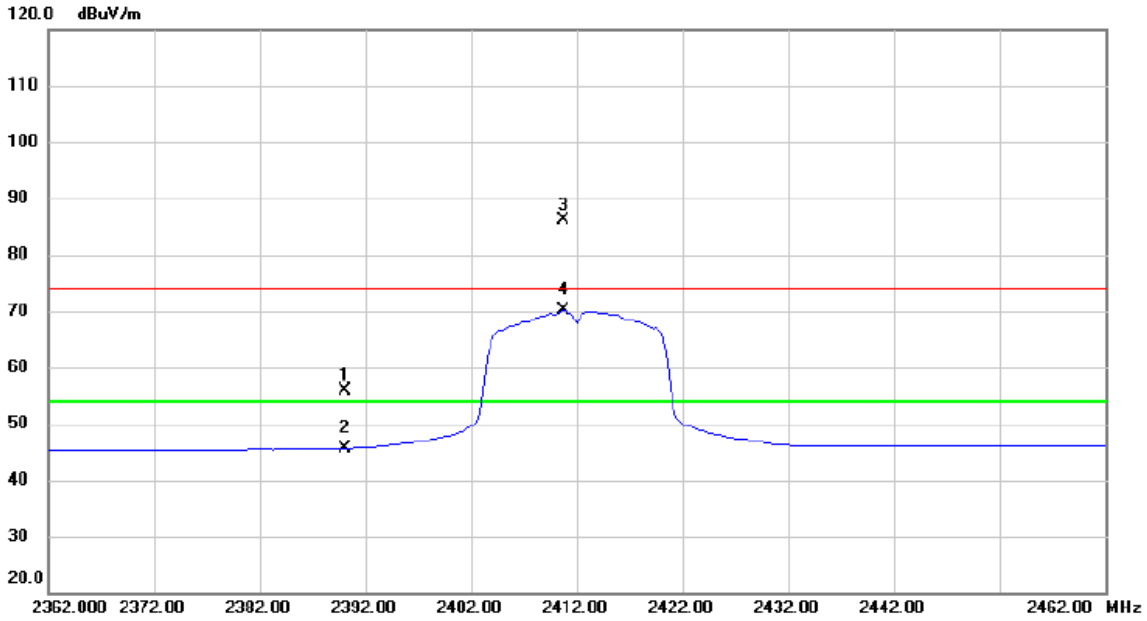
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4826.300	42.74	5.80	48.54	74.00	-25.46	peak	
2		4826.300	30.61	5.80	36.41	54.00	-17.59	AVG	
3		7228.800	30.82	13.86	44.68	74.00	-29.32	peak	
4	*	7228.800	42.36	13.86	56.22	54.00	2.22	AVG	

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

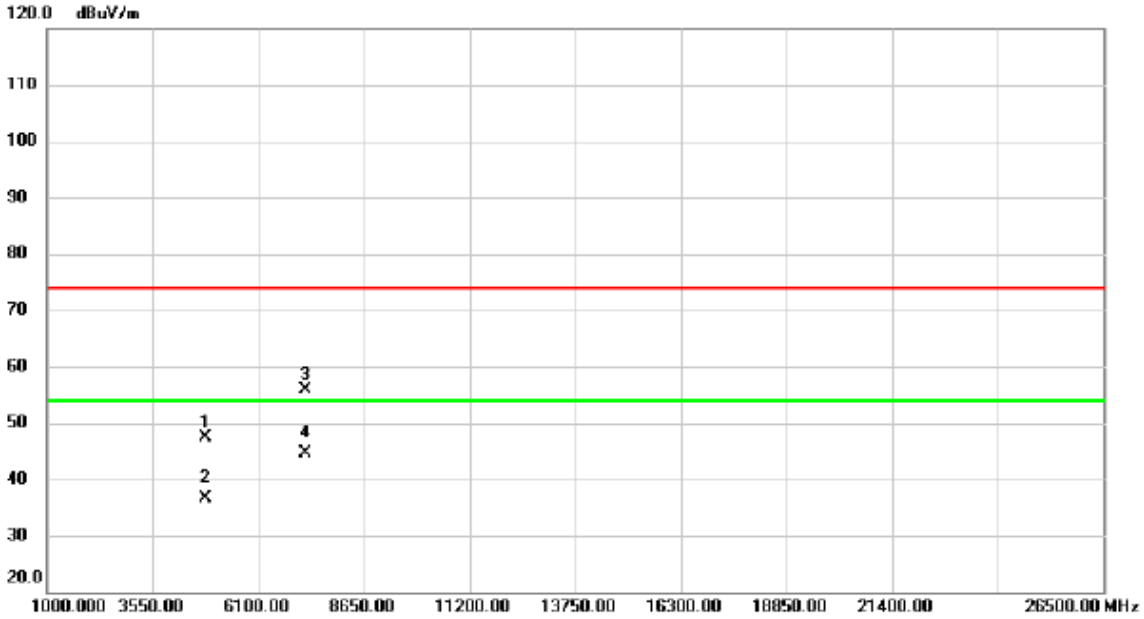
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.80	31.96	55.76	74.00	-18.24	peak	
2		2390.000	13.73	31.96	45.69	54.00	-8.31	AVG	
3	X	2410.750	54.09	32.03	86.12	74.00	12.12	peak	no limit
4	*	2410.750	38.16	32.03	70.19	54.00	16.19	AVG	no limit

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

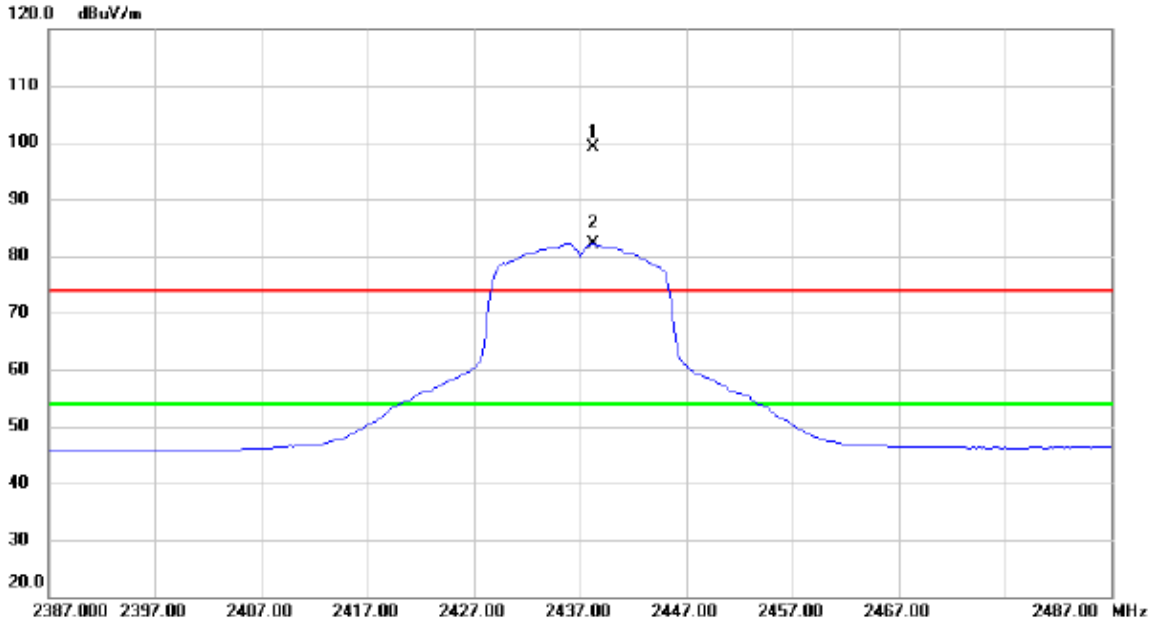
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4831.300	41.56	5.80	47.36	74.00	-26.64	peak	
2		4831.300	30.74	5.80	36.54	54.00	-17.46	AVG	
3		7236.550	42.11	13.88	55.99	74.00	-18.01	peak	
4	*	7236.550	30.69	13.88	44.57	54.00	-9.43	AVG	

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

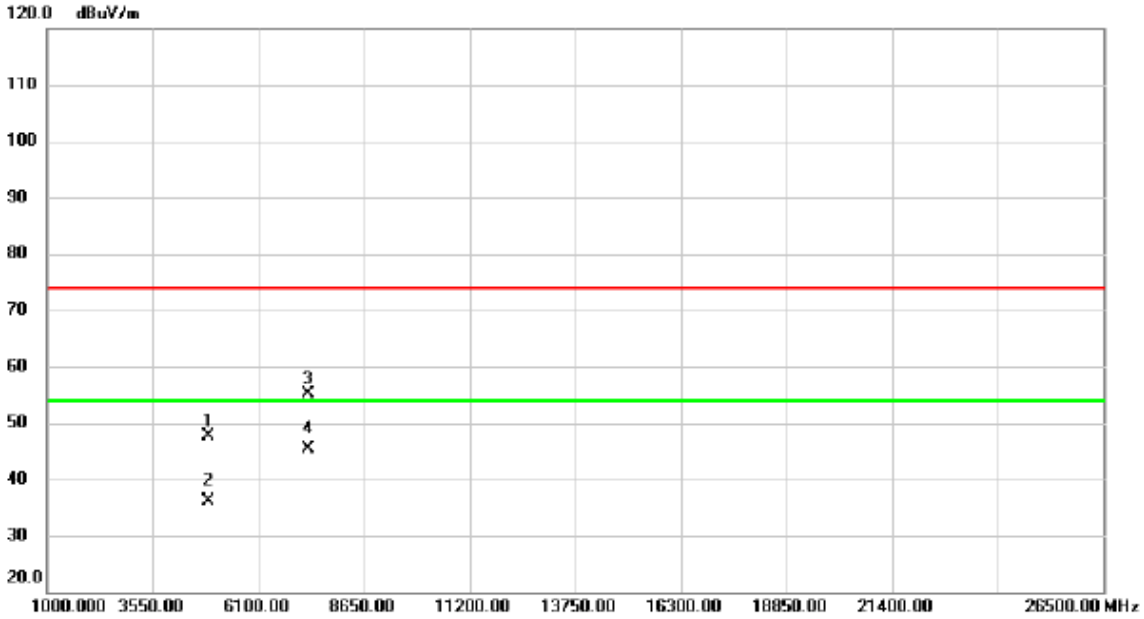
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2438.250	66.95	32.14	99.09	74.00	25.09	peak	no limit
2	*	2438.250	50.08	32.14	82.22	54.00	28.22	AVG	no limit

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

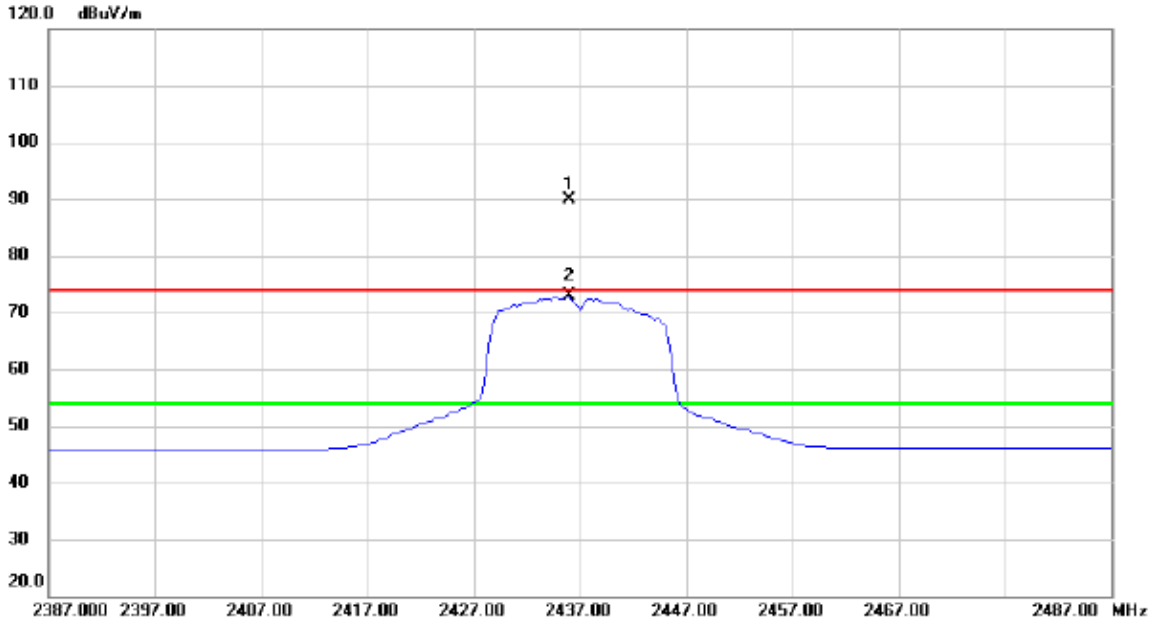
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4876.325	41.66	5.85	47.51	74.00	-26.49	peak	
2		4876.325	30.22	5.85	36.07	54.00	-17.93	AVG	
3		7312.450	41.15	14.06	55.21	74.00	-18.79	peak	
4	*	7312.450	31.28	14.06	45.34	54.00	-8.66	AVG	

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

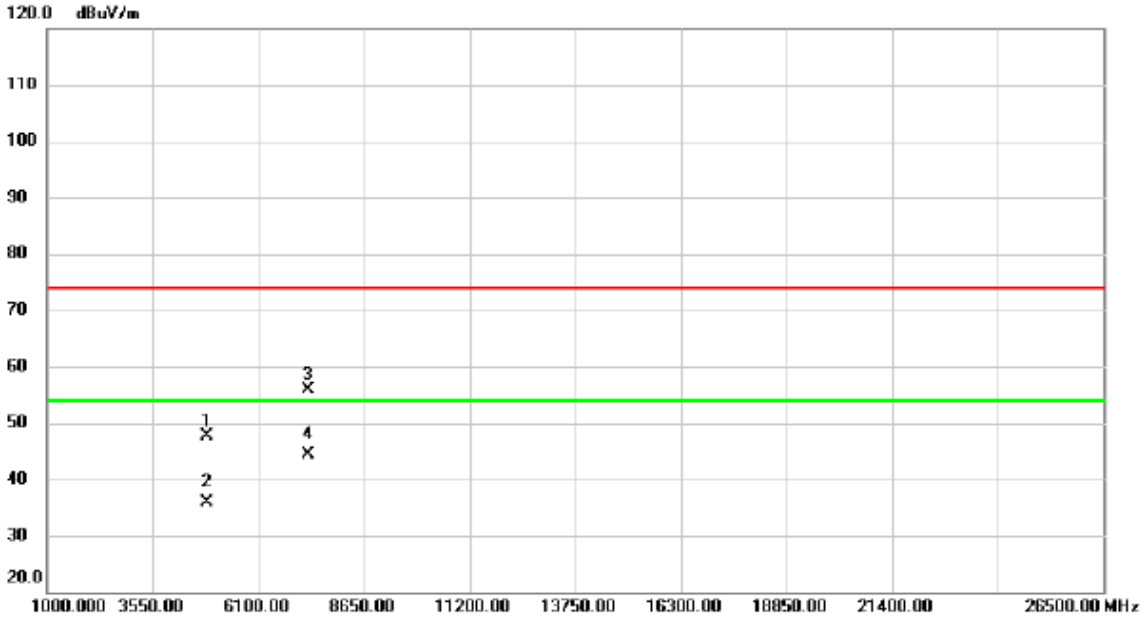
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.000	57.86	32.12	89.98	74.00	15.98	peak	no limit
2	*	2436.000	40.69	32.12	72.81	54.00	18.81	AVG	no limit

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

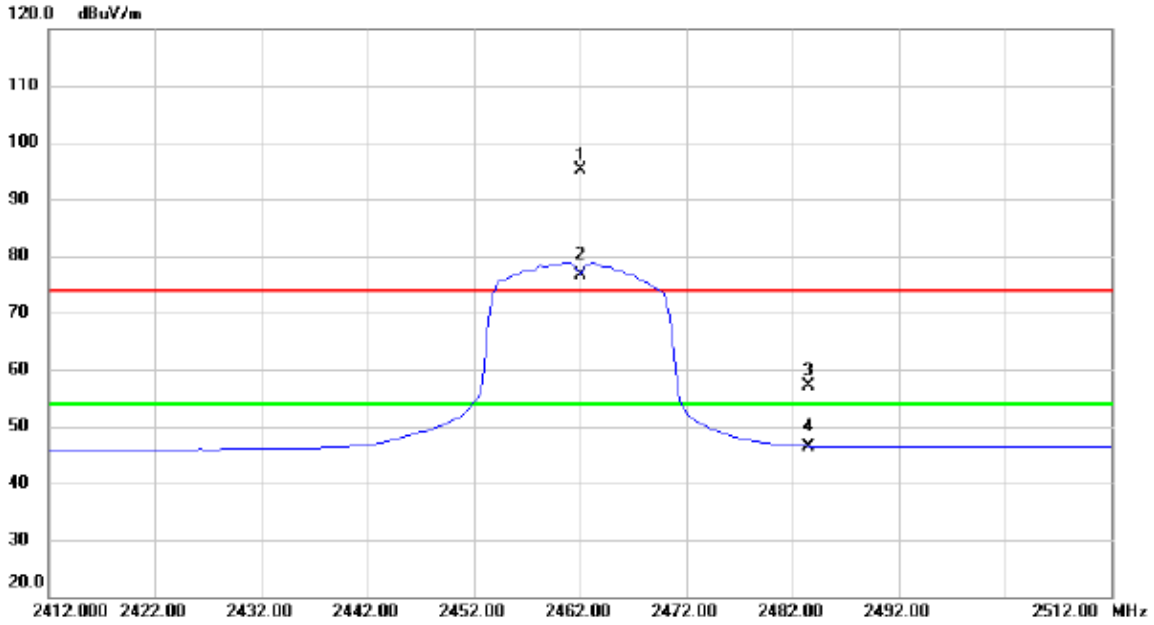
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4875.225	41.72	5.85	47.57	74.00	-26.43	peak	
2		4875.225	30.15	5.85	36.00	54.00	-18.00	AVG	
3		7310.500	41.83	14.06	55.89	74.00	-18.11	peak	
4	*	7310.500	30.41	14.06	44.47	54.00	-9.53	AVG	

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

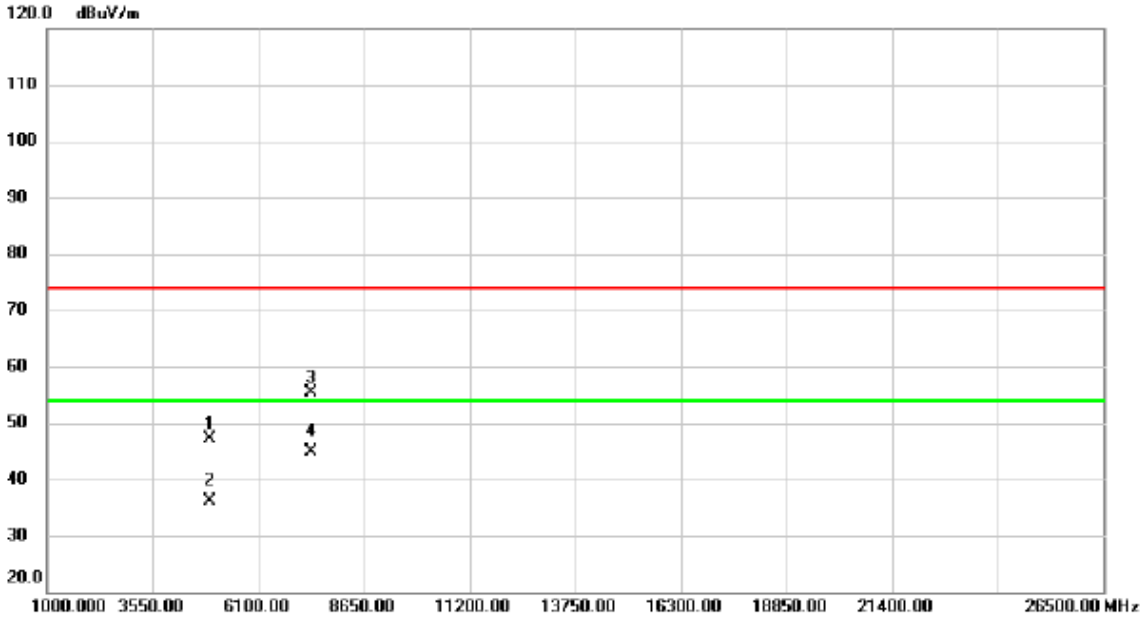
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2462.000	62.97	32.22	95.19	74.00	21.19	peak	no limit
2	*	2462.000	44.33	32.22	76.55	54.00	22.55	AVG	no limit
3		2483.500	24.77	32.30	57.07	74.00	-16.93	peak	
4		2483.500	14.16	32.30	46.46	54.00	-7.54	AVG	

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

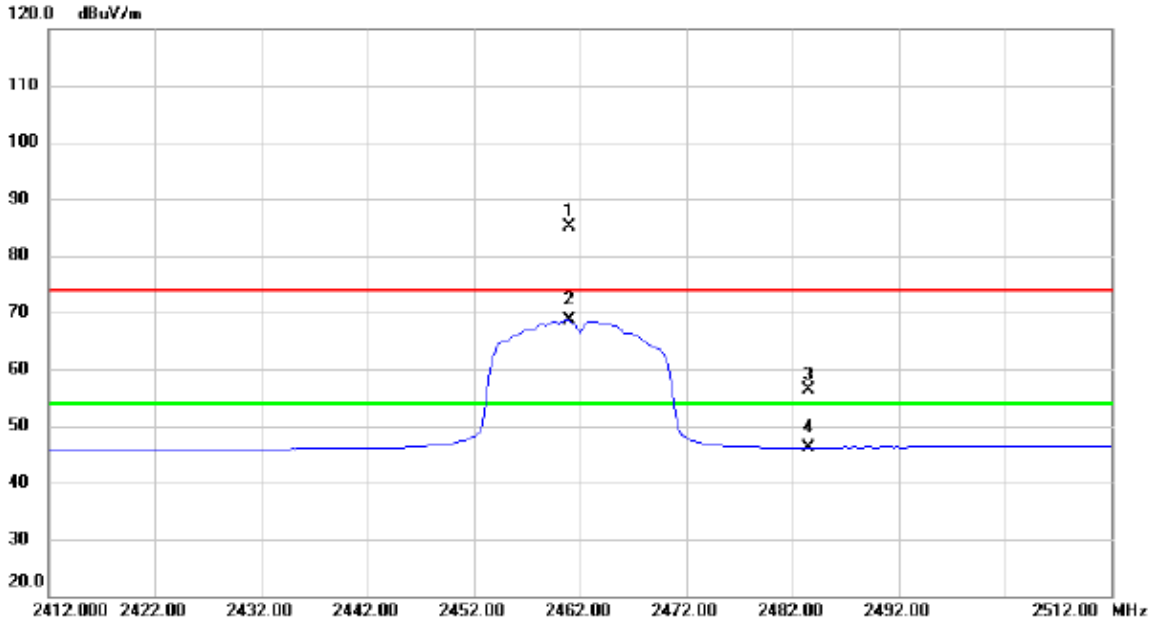
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.050	41.34	5.90	47.24	74.00	-26.76	peak	
2		4923.050	30.35	5.90	36.25	54.00	-17.75	AVG	
3		7384.575	41.07	14.23	55.30	74.00	-18.70	peak	
4	*	7384.575	30.63	14.23	44.86	54.00	-9.14	AVG	

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

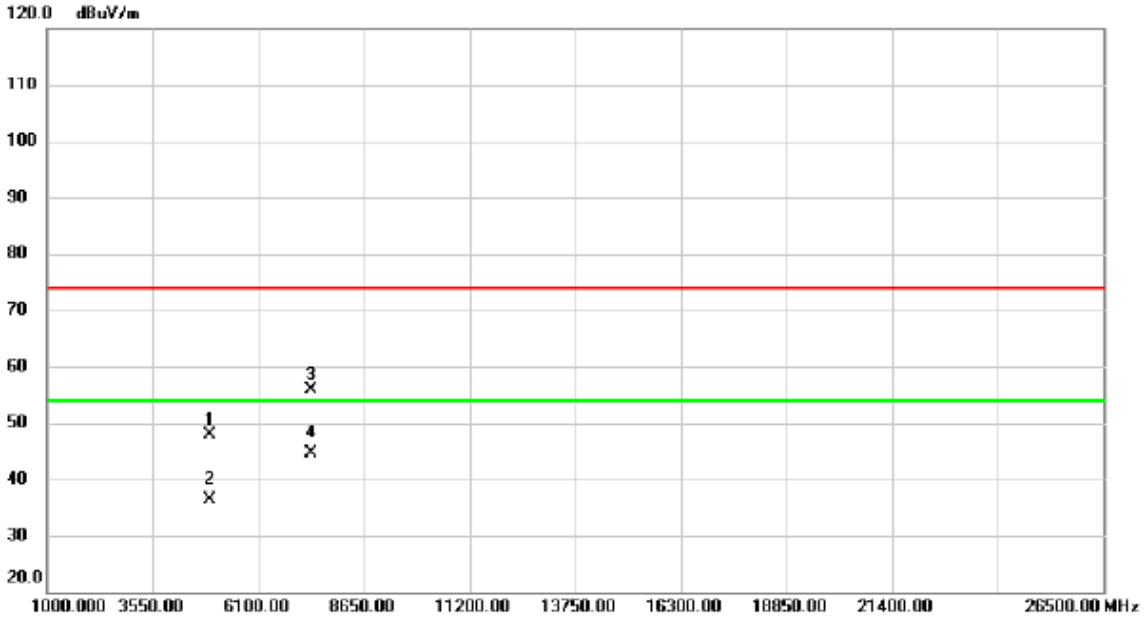
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.000	52.93	32.22	85.15	74.00	11.15	peak	no limit
2	*	2461.000	36.38	32.22	68.60	54.00	14.60	AVG	no limit
3		2483.500	24.18	32.30	56.48	74.00	-17.52	peak	
4		2483.500	13.87	32.30	46.17	54.00	-7.83	AVG	

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

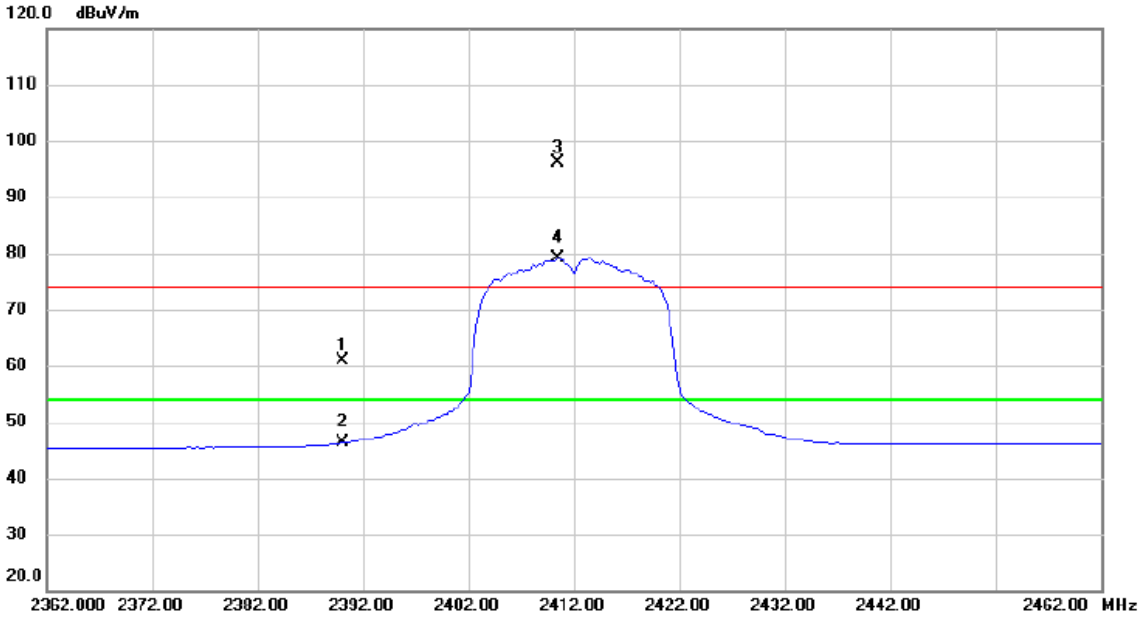
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4922.625	42.06	5.90	47.96	74.00	-26.04	peak	
2		4922.625	30.38	5.90	36.28	54.00	-17.72	AVG	
3		7385.400	41.53	14.23	55.76	74.00	-18.24	peak	
4	*	7385.400	30.44	14.23	44.67	54.00	-9.33	AVG	

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

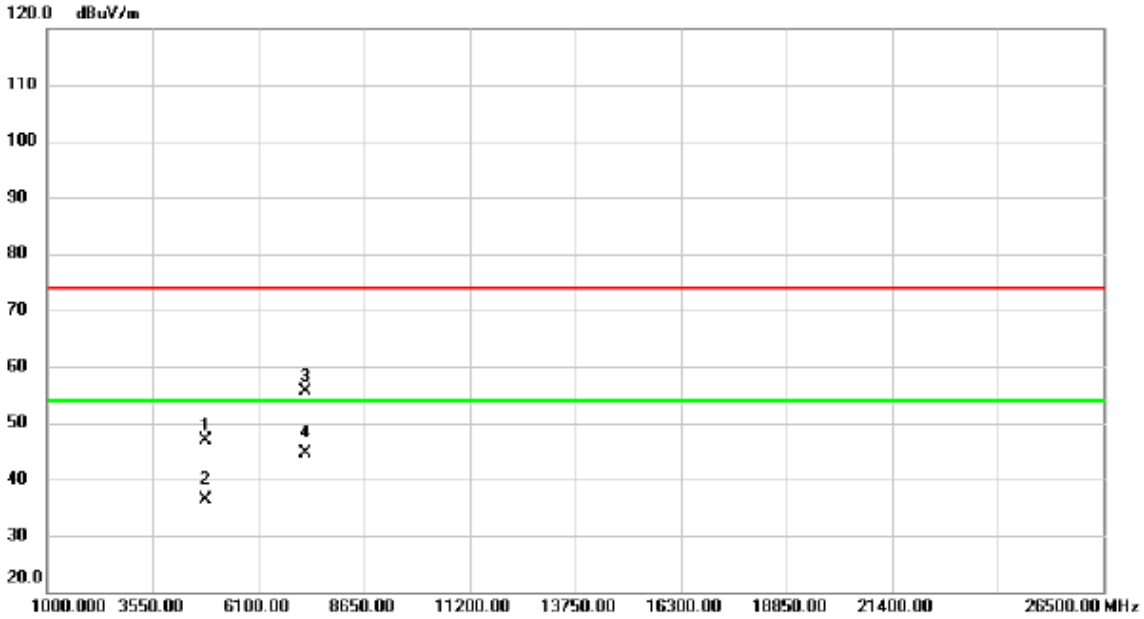
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	28.88	31.96	60.84	74.00	-13.16	peak	
2		2390.000	14.30	31.96	46.26	54.00	-7.74	AVG	
3	X	2410.500	64.00	32.03	96.03	74.00	22.03	peak	no limit
4	*	2410.500	47.06	32.03	79.09	54.00	25.09	AVG	no limit

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

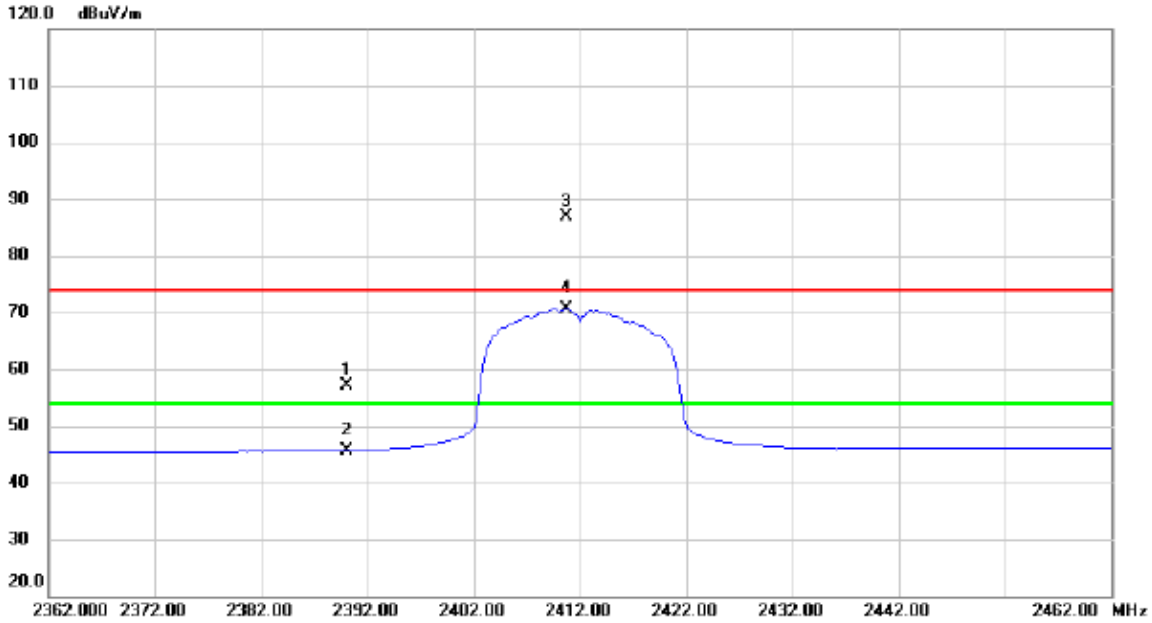
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4822.175	41.14	5.79	46.93	74.00	-27.07	peak	
2		4822.175	30.69	5.79	36.48	54.00	-17.52	AVG	
3		7237.637	41.81	13.88	55.69	74.00	-18.31	peak	
4	*	7237.637	30.65	13.88	44.53	54.00	-9.47	AVG	

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

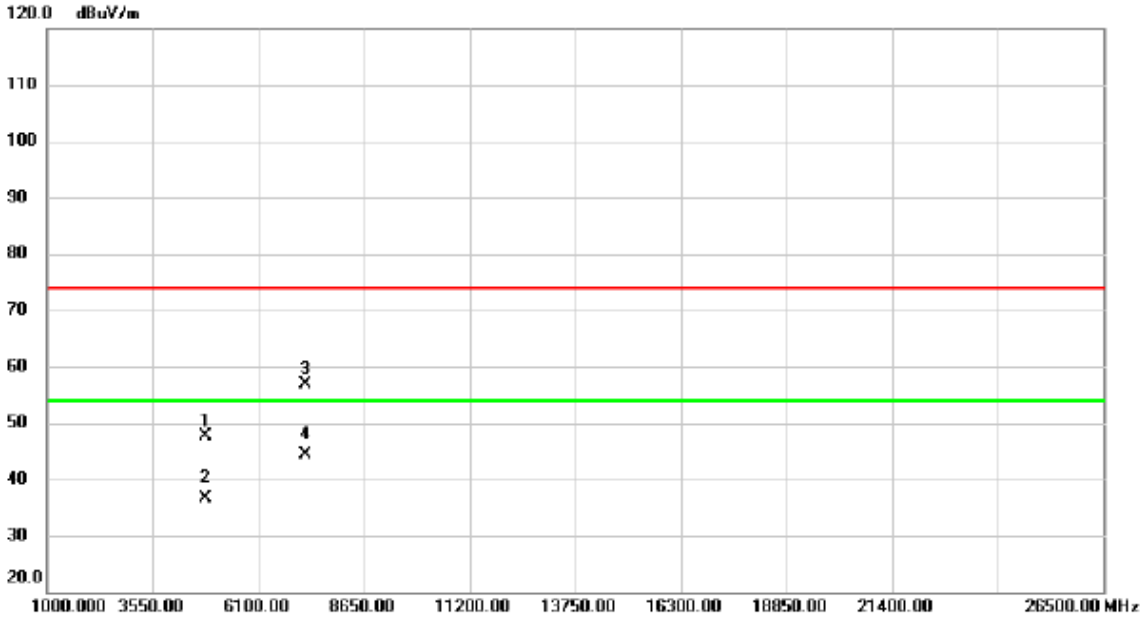
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	25.06	31.96	57.02	74.00	-16.98	peak	
2		2390.000	13.72	31.96	45.68	54.00	-8.32	AVG	
3	X	2410.750	54.95	32.03	86.98	74.00	12.98	peak	no limit
4	*	2410.750	38.64	32.03	70.67	54.00	16.67	AVG	no limit

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

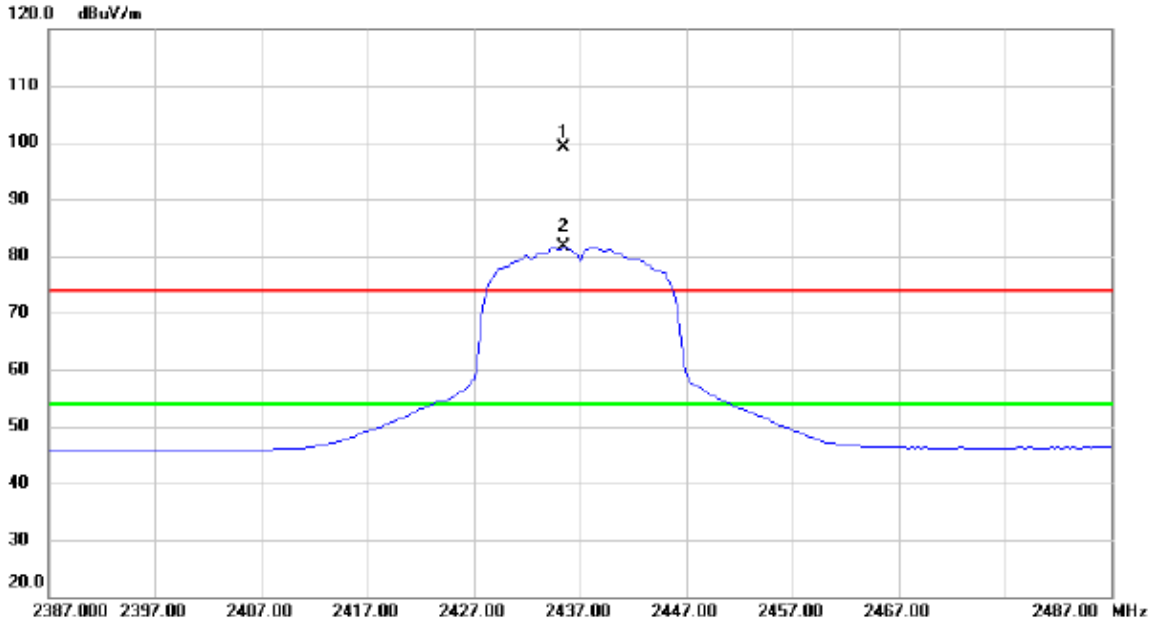
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4822.875	41.95	5.79	47.74	74.00	-26.26	peak	
2		4822.875	30.76	5.79	36.55	54.00	-17.45	AVG	
3		7235.475	43.07	13.87	56.94	74.00	-17.06	peak	
4	*	7235.475	30.44	13.87	44.31	54.00	-9.69	AVG	

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

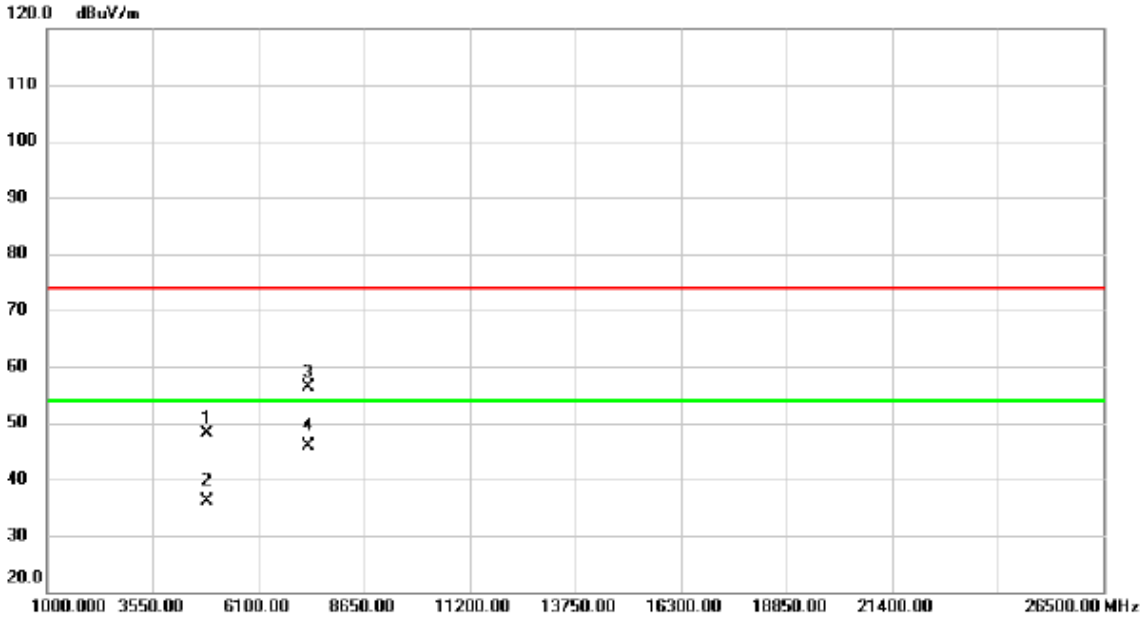
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.500	67.13	32.12	99.25	74.00	25.25	peak	no limit
2	*	2435.500	49.50	32.12	81.62	54.00	27.62	AVG	no limit

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

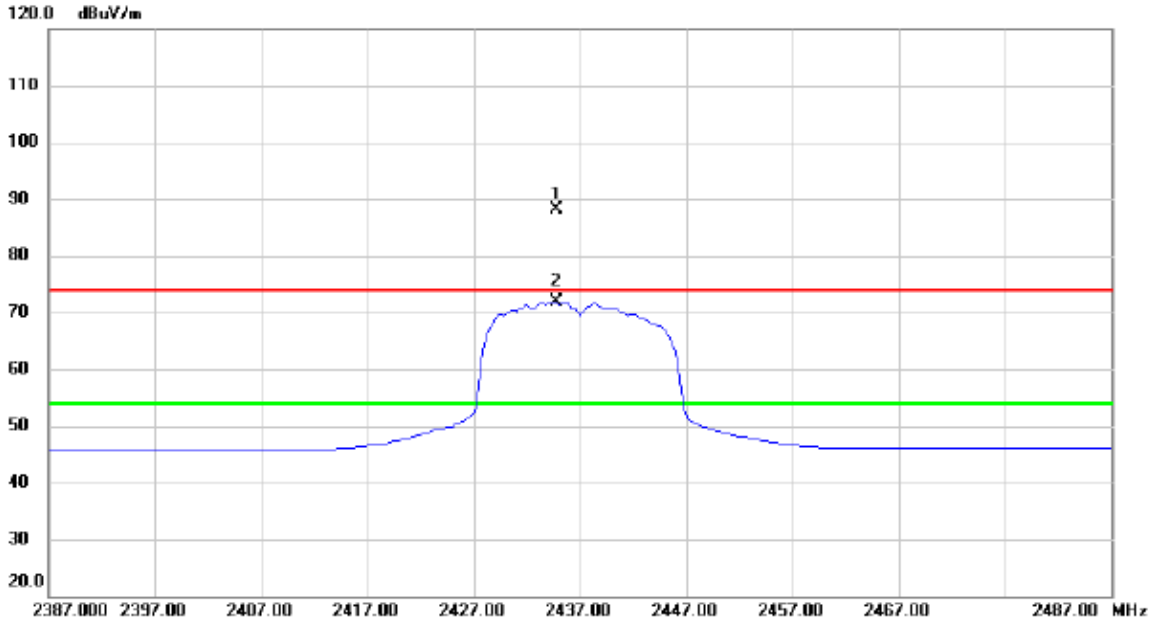
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4875.125	42.31	5.85	48.16	74.00	-25.84	peak	
2		4875.125	30.18	5.85	36.03	54.00	-17.97	AVG	
3		7310.438	42.31	14.06	56.37	74.00	-17.63	peak	
4	*	7310.438	31.75	14.06	45.81	54.00	-8.19	AVG	

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

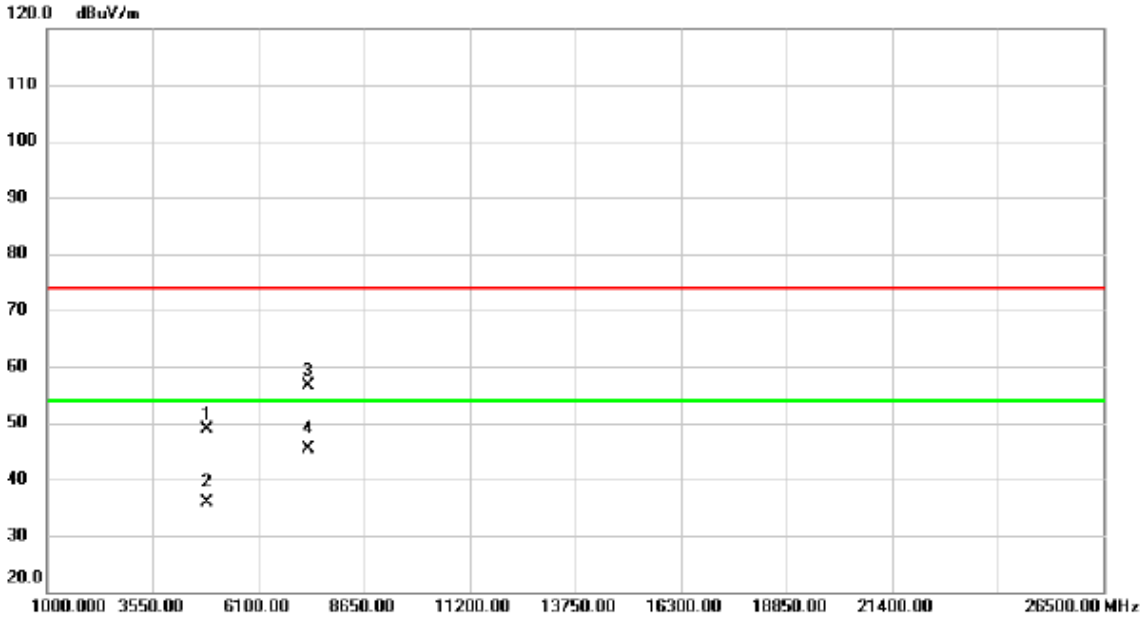
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2434.750	56.09	32.12	88.21	74.00	14.21	peak	no limit
2	*	2434.750	39.72	32.12	71.84	54.00	17.84	AVG	no limit

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

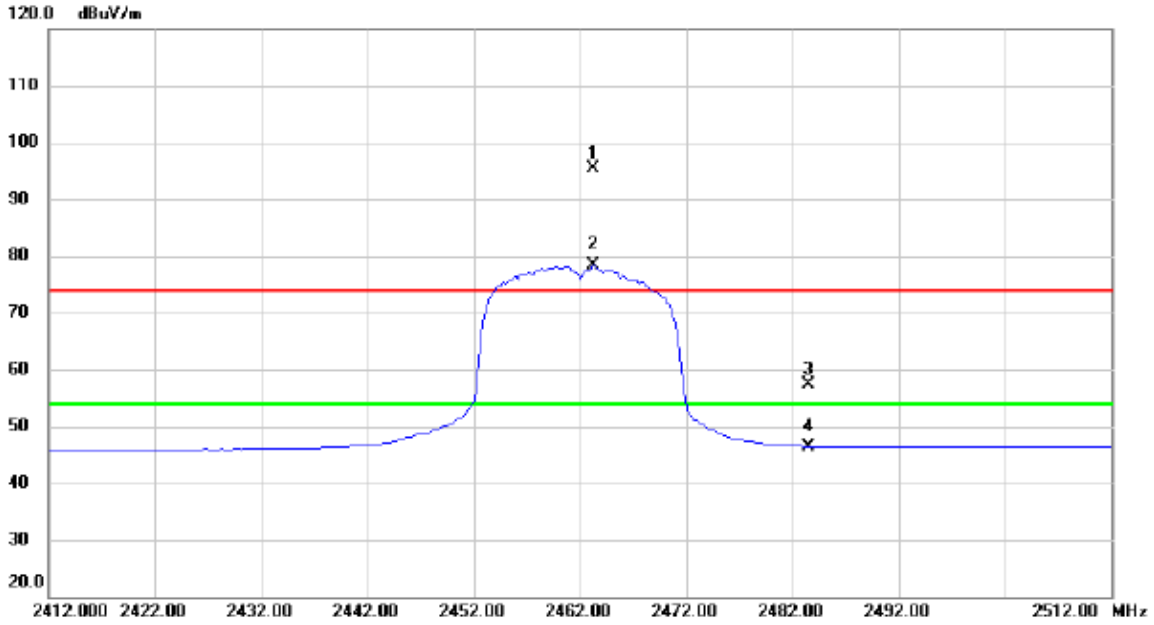
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4875.825	43.11	5.85	48.96	74.00	-25.04	peak	
2		4875.825	30.13	5.85	35.98	54.00	-18.02	AVG	
3		7309.337	42.48	14.05	56.53	74.00	-17.47	peak	
4	*	7309.337	31.33	14.05	45.38	54.00	-8.62	AVG	

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

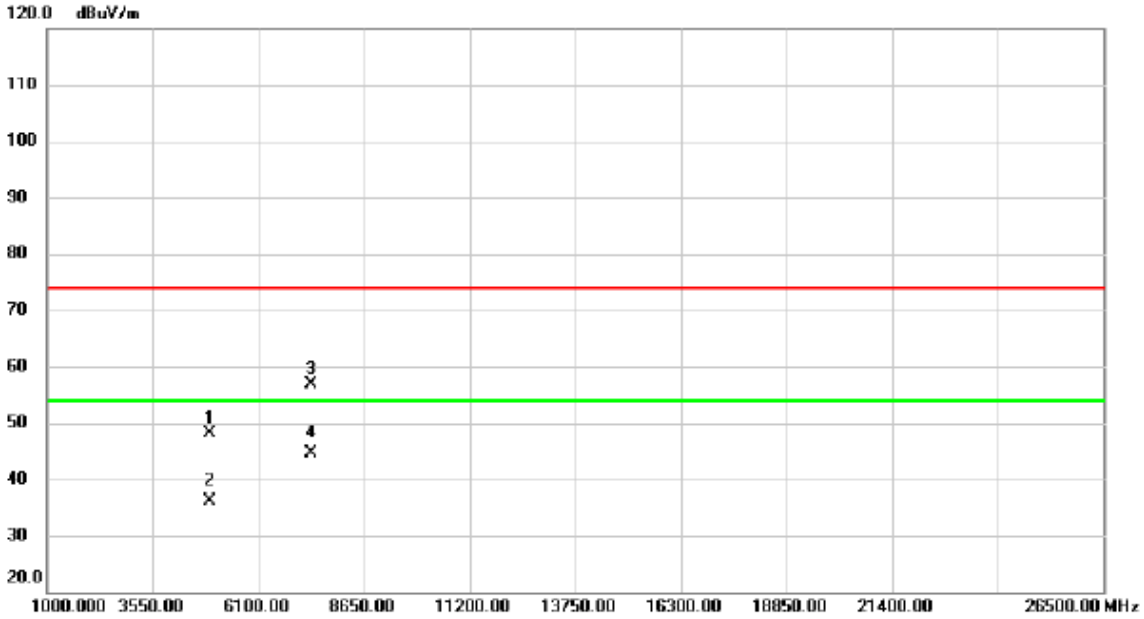
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2463.250	63.14	32.24	95.38	74.00	21.38	peak	no limit
2	*	2463.250	46.13	32.24	78.37	54.00	24.37	AVG	no limit
3		2483.500	24.96	32.30	57.26	74.00	-16.74	peak	
4		2483.500	14.18	32.30	46.48	54.00	-7.52	AVG	

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

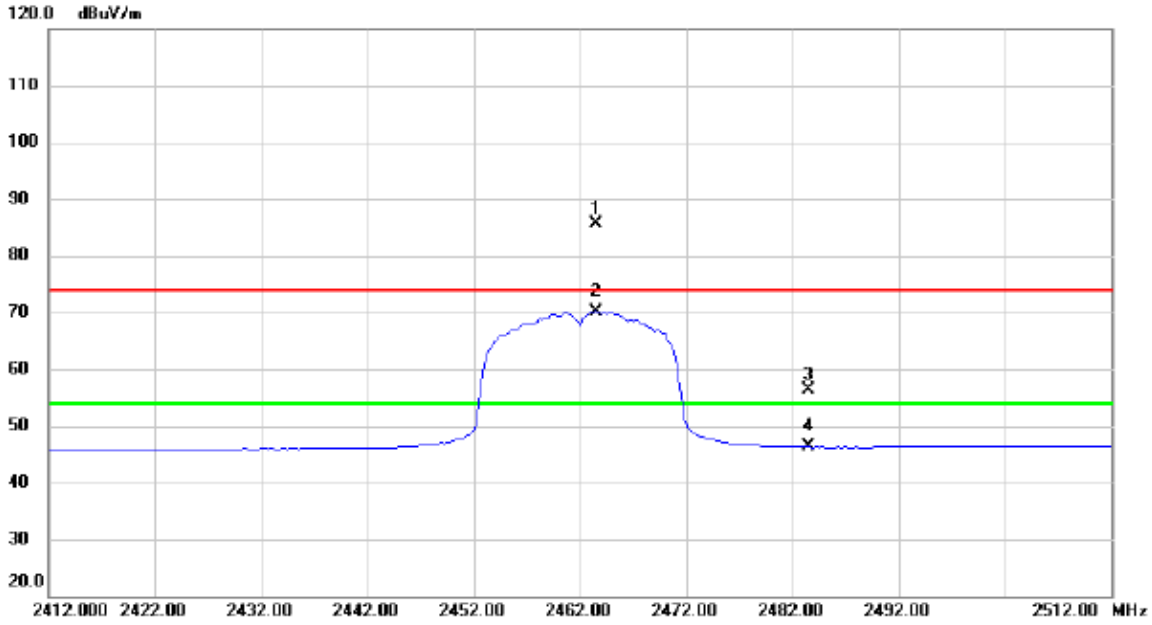
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4925.813	42.12	5.91	48.03	74.00	-25.97	peak	
2		4925.813	30.24	5.91	36.15	54.00	-17.85	AVG	
3		7384.813	42.67	14.23	56.90	74.00	-17.10	peak	
4	*	7384.813	30.47	14.23	44.70	54.00	-9.30	AVG	

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

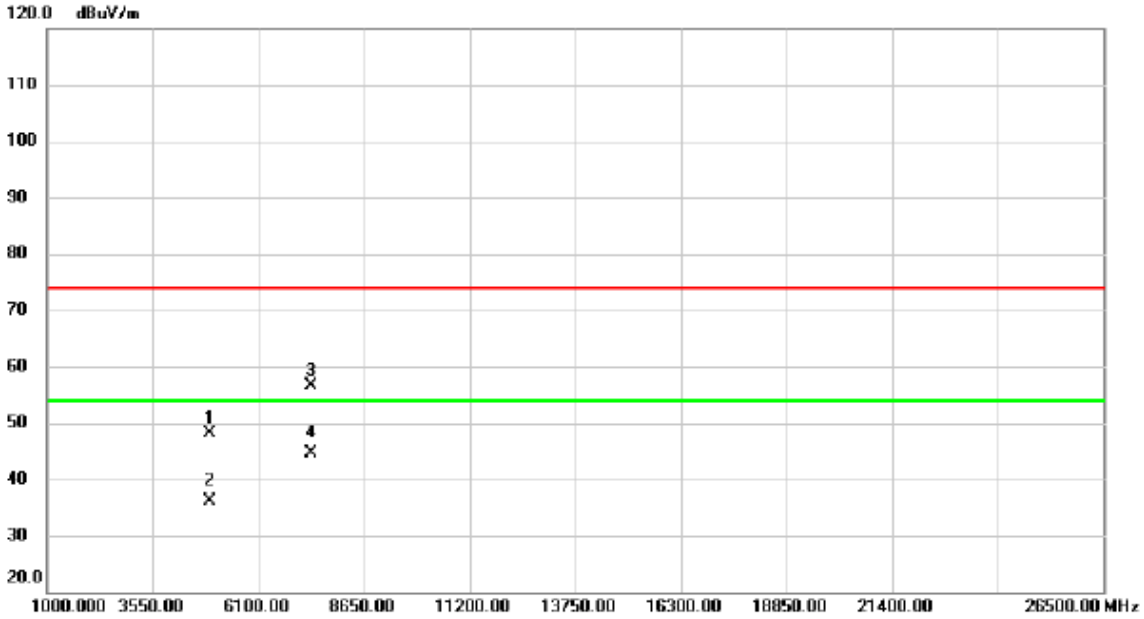
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2463.500	53.41	32.24	85.65	74.00	11.65	peak	no limit
2	*	2463.500	38.01	32.24	70.25	54.00	16.25	AVG	no limit
3		2483.500	24.09	32.30	56.39	74.00	-17.61	peak	
4		2483.500	13.96	32.30	46.26	54.00	-7.74	AVG	

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

Horizontal



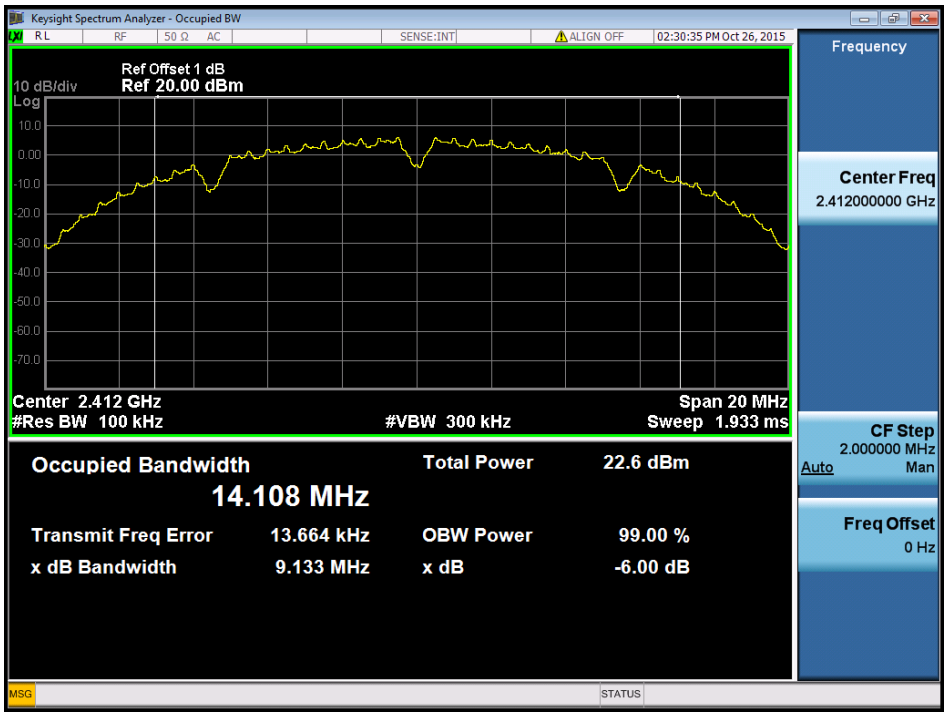
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4926.438	42.30	5.91	48.21	74.00	-25.79	peak	
2		4926.438	30.18	5.91	36.09	54.00	-17.91	AVG	
3		7385.000	42.35	14.23	56.58	74.00	-17.42	peak	
4	*	7385.000	30.40	14.23	44.63	54.00	-9.37	AVG	

ATTACHMENT E - BANDWIDTH

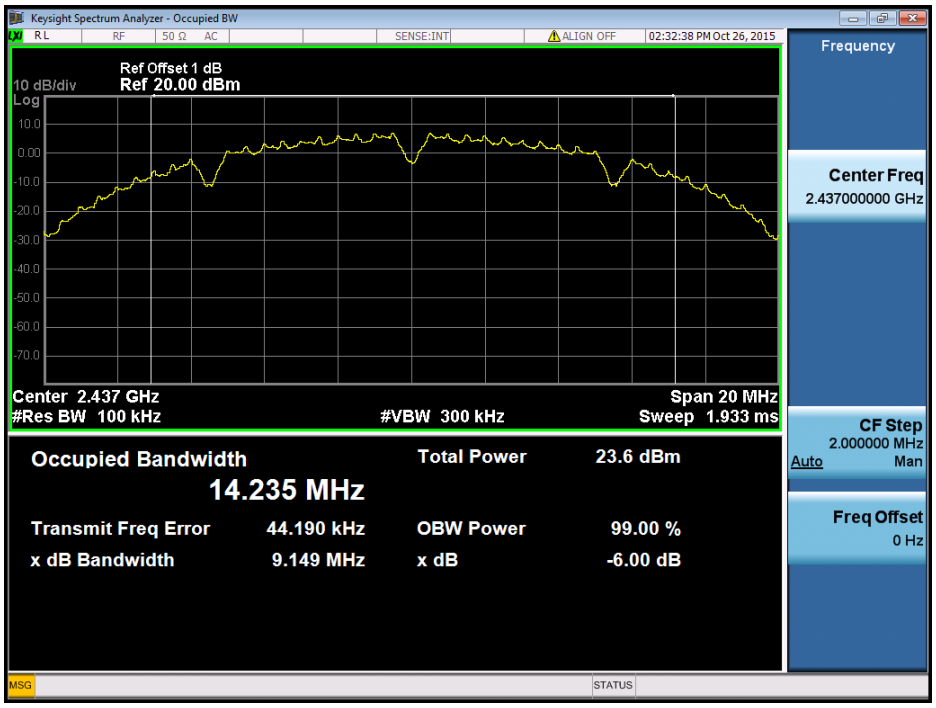
Test Mode : TX B Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	9.13	14.11	500	Complies
2437	9.15	14.24	500	Complies
2462	9.58	14.20	500	Complies

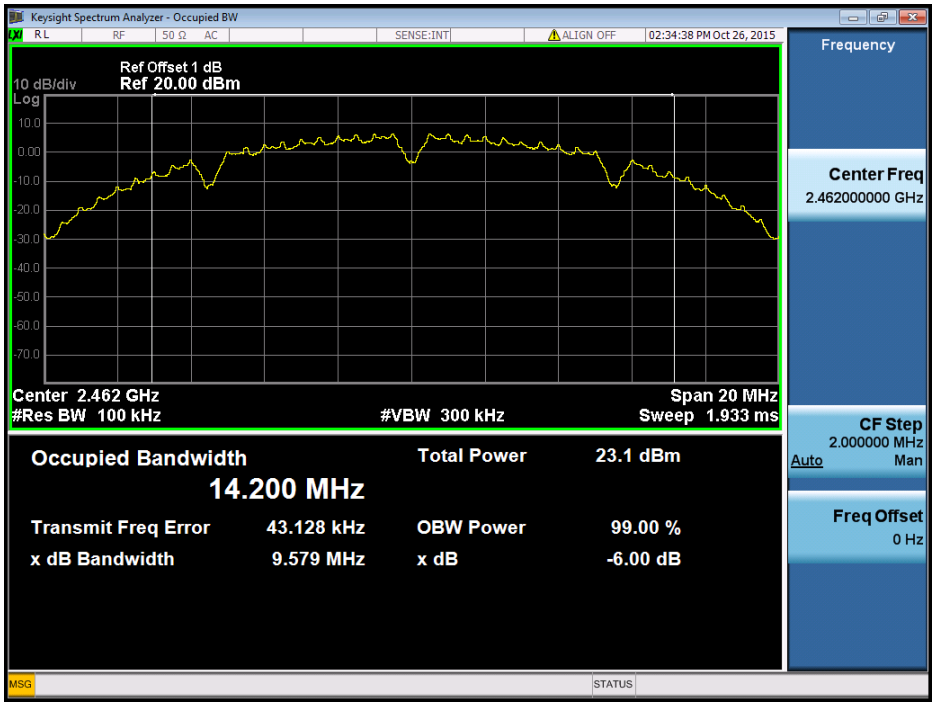
TX CH01



TX CH06



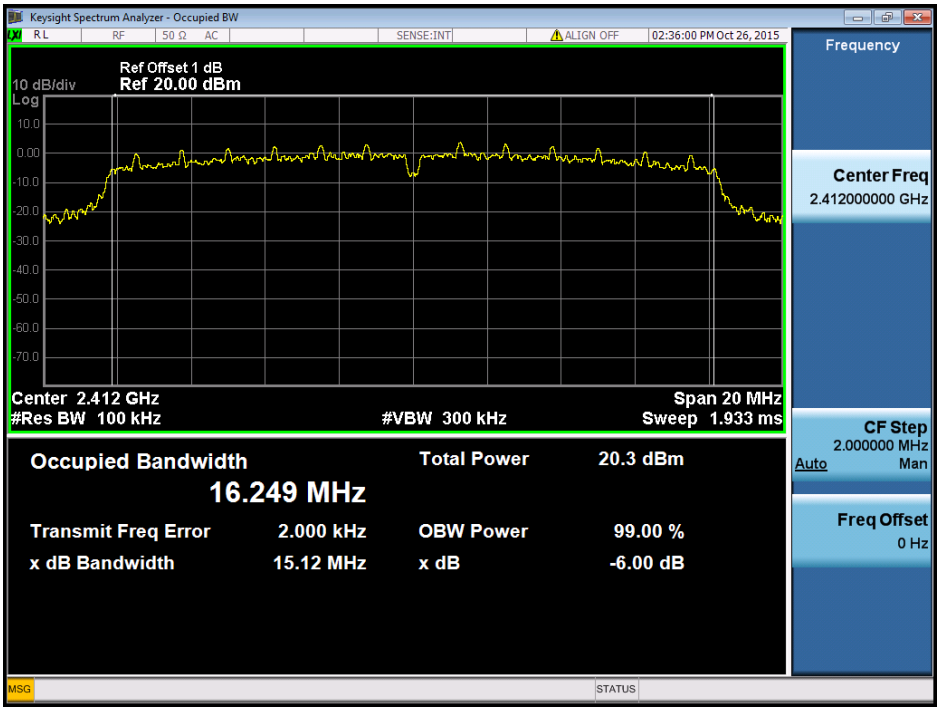
TX CH11



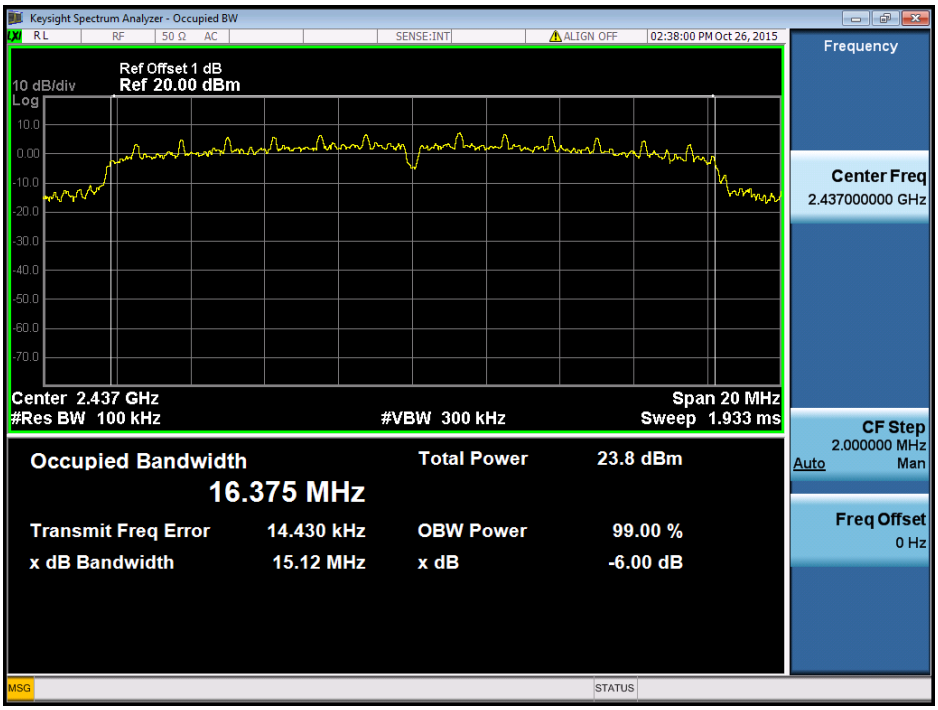
Test Mode: TX G Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	15.12	16.25	500	Complies
2437	15.12	16.38	500	Complies
2462	15.12	16.26	500	Complies

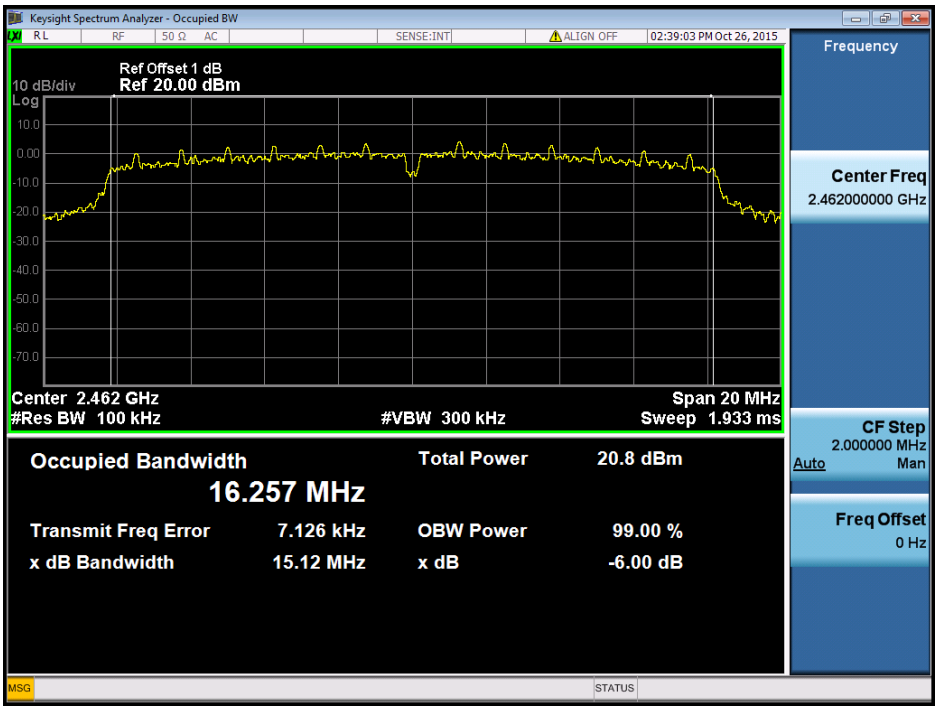
TX CH01



TX CH06



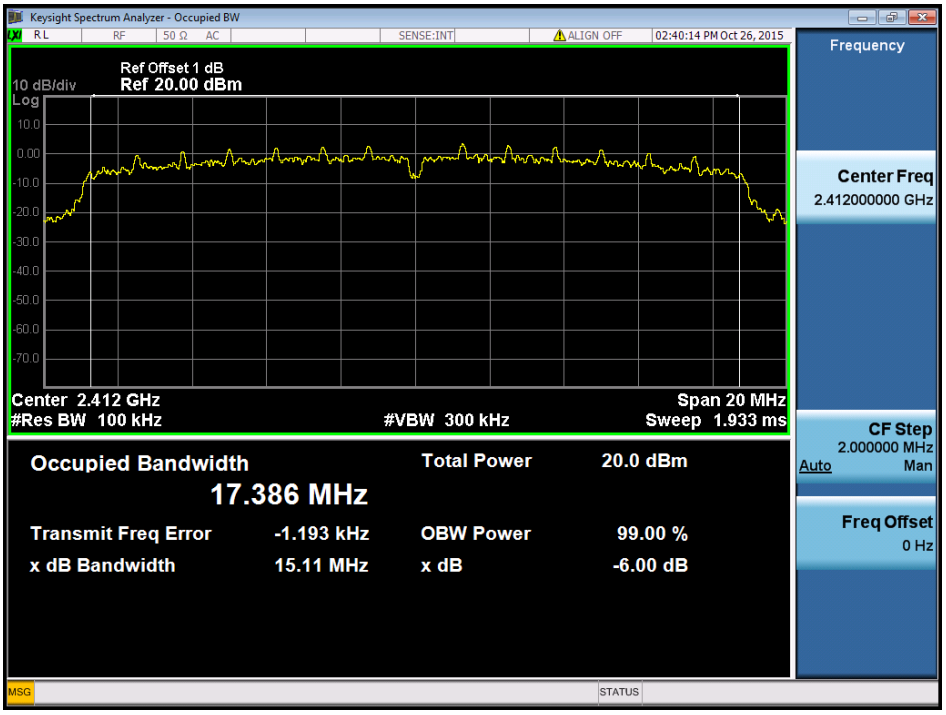
TX CH11



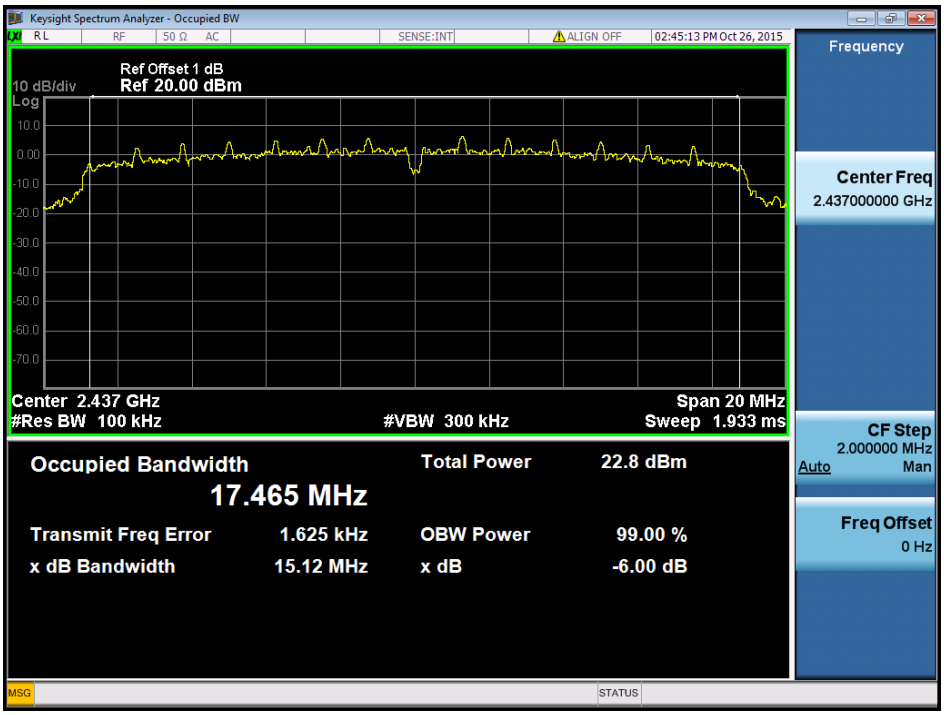
Test Mode : TX N-20MHz Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	15.11	17.39	500	Complies
2437	15.12	17.47	500	Complies
2462	15.09	17.40	500	Complies

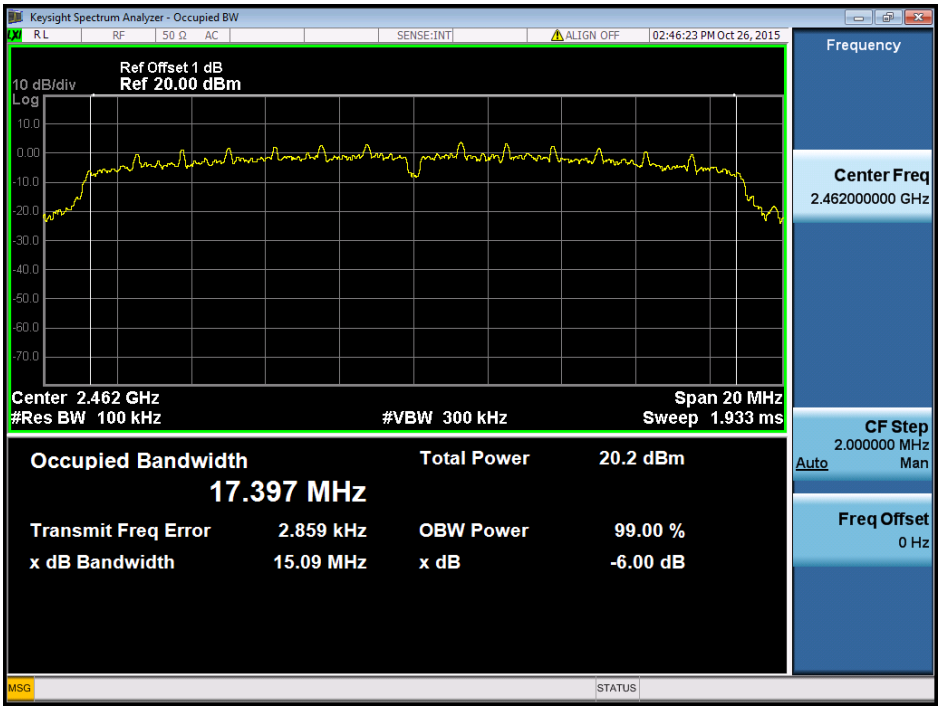
TX CH01



TX CH06



TX CH11



ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	17.75	0.06	30.00	1.00	Complies
2437	18.02	0.06	30.00	1.00	Complies
2462	17.52	0.06	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.12	0.10	30.00	1.00	Complies
2437	20.68	0.12	30.00	1.00	Complies
2462	20.29	0.11	30.00	1.00	Complies

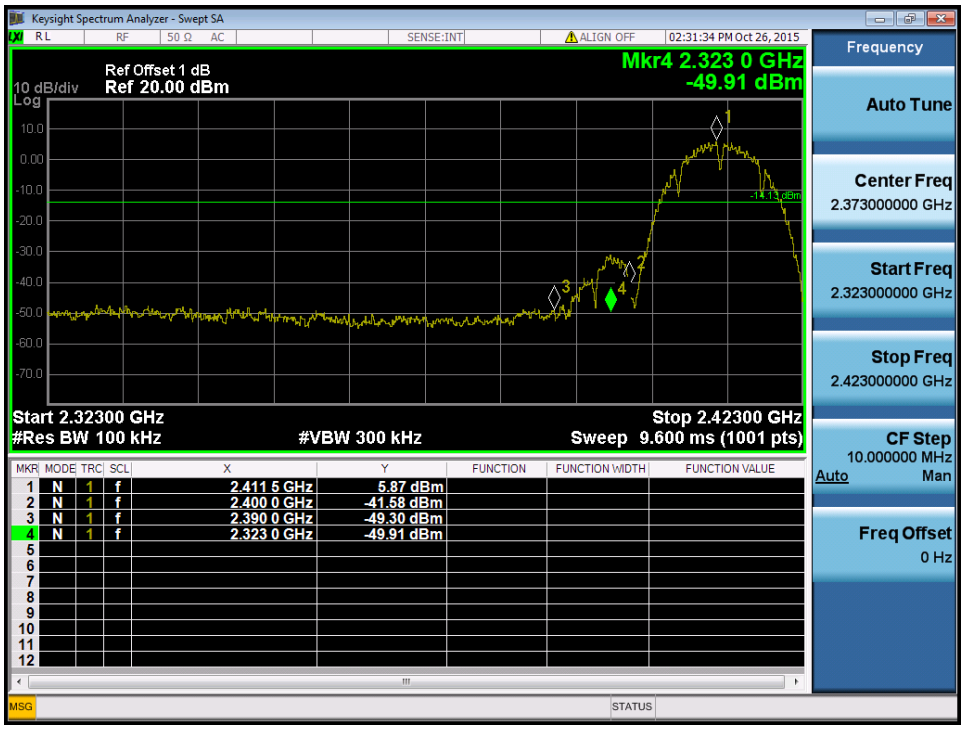
Test Mode :TX N20 Mode_CH01/06/11

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.11	0.10	30.00	1.00	Complies
2437	20.41	0.11	30.00	1.00	Complies
2462	20.17	0.10	30.00	1.00	Complies

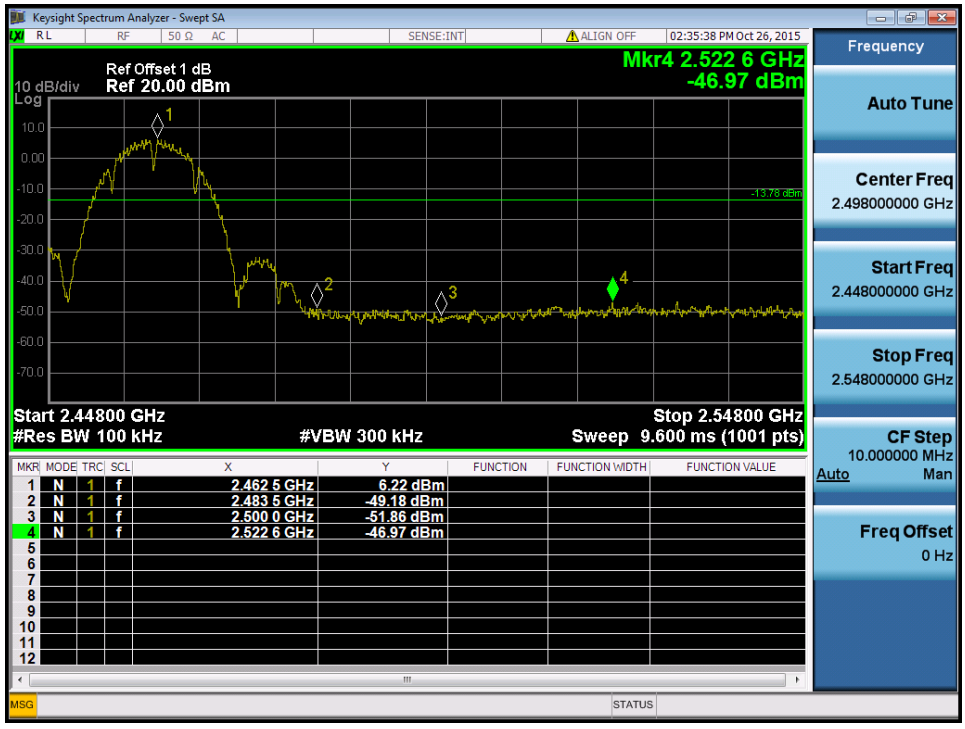
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

Test Mode :	TX B Mode

TX B mode CH01



TX B mode CH11



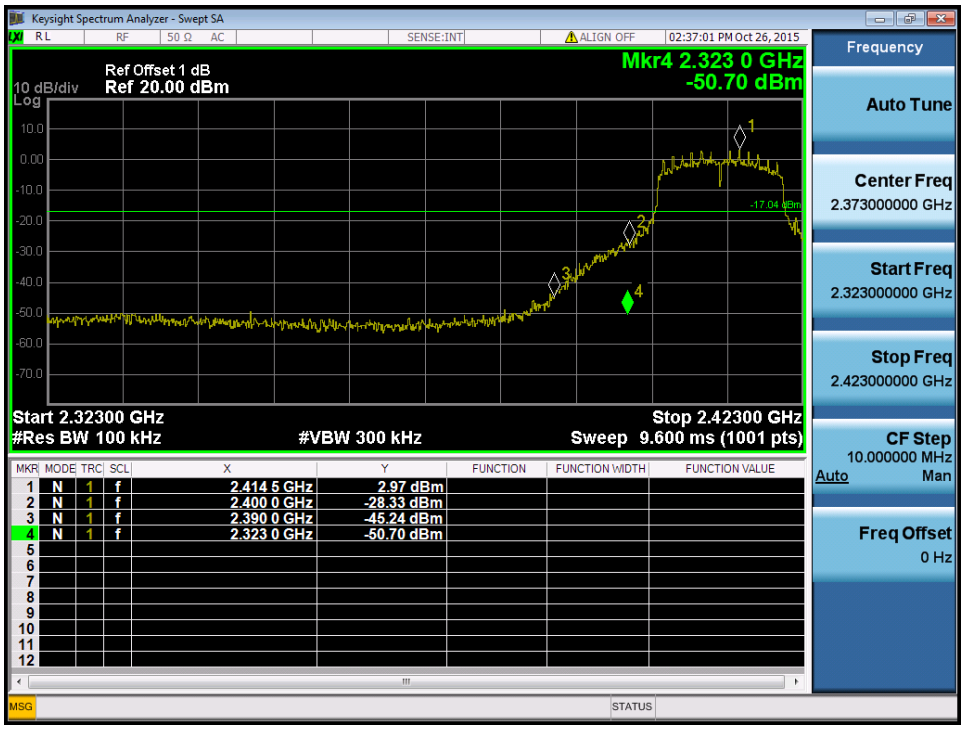
TX B mode CH01 (10 Harmonic of the frequency)

TX B mode CH06 (10 Harmonic of the frequency)

TX B mode CH11 (10 Harmonic of the frequency)

Test Mode :	TX G Mode

TX G mode CH01



TX G mode CH11

TX G mode CH01 (10 Harmonic of the frequency)

TX G mode CH06 (10 Harmonic of the frequency)

TX G mode CH11 (10 Harmonic of the frequency)

Test Mode :	TX N-20M Mode

TX HT20 mode CH01

TX HT20 mode CH11

TX HT20 mode CH01 (10 Harmonic of the frequency)

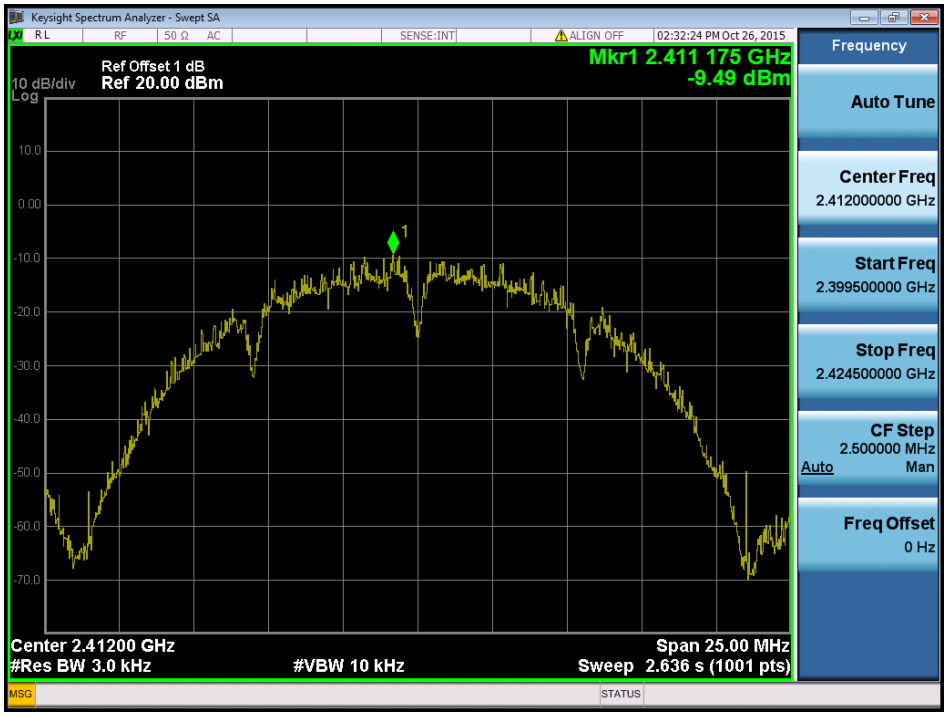
TX HT20 mode CH06 (10 Harmonic of the frequency)

TX HT20 mode CH11 (10 Harmonic of the frequency)

ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.49	0.11	8.00	Complies
2437	-8.32	0.15	8.00	Complies
2462	-8.13	0.15	8.00	Complies

TX CH01



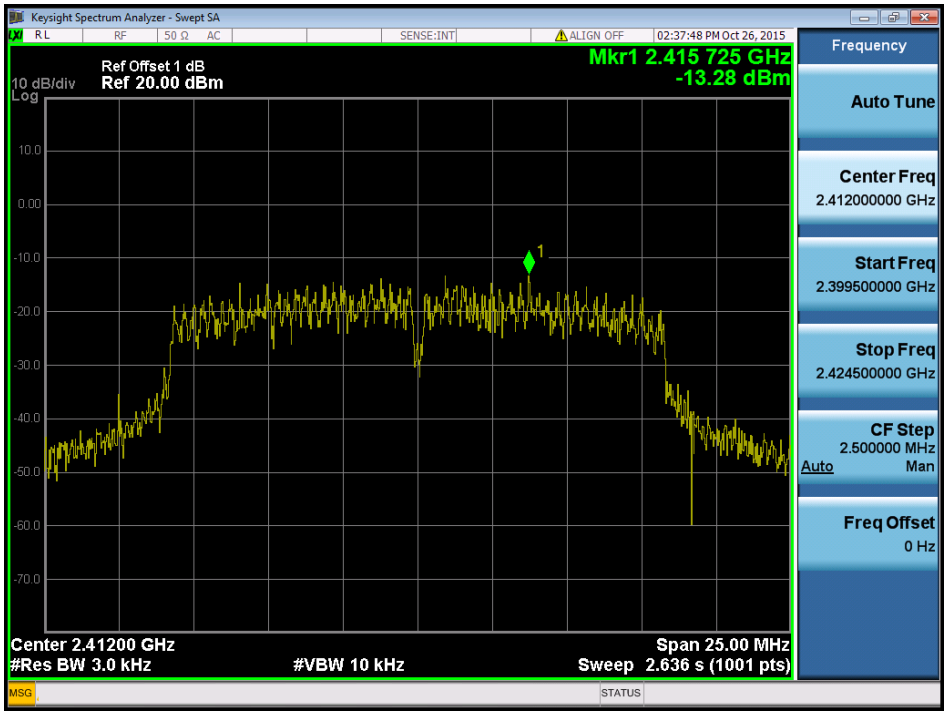
TX CH06

TX CH11

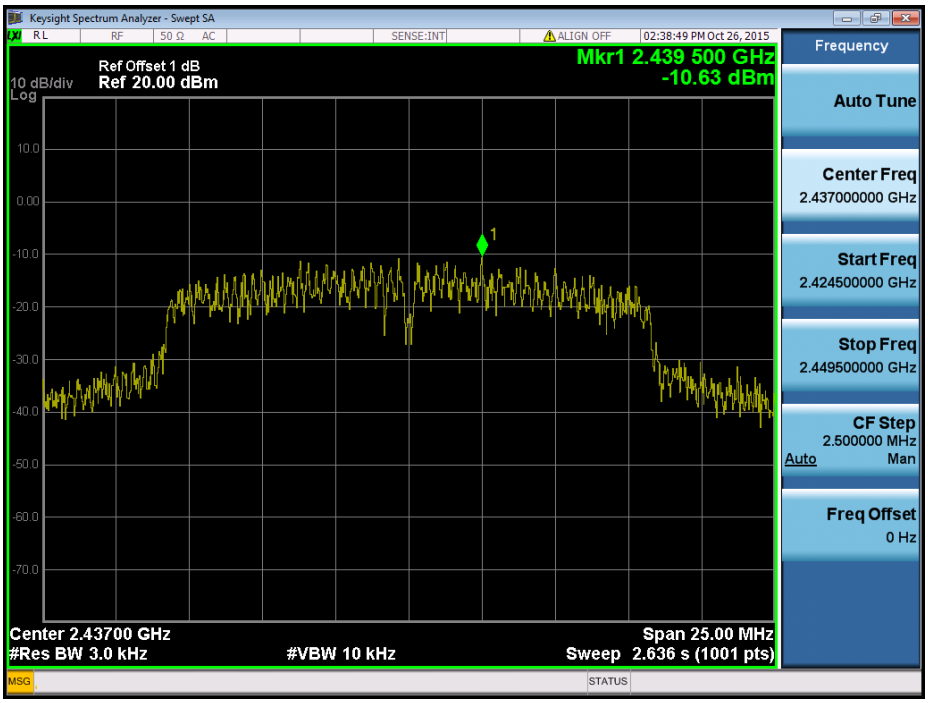
Test Mode :TX G Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.28	0.05	8.00	Complies
2437	-10.63	0.09	8.00	Complies
2462	-12.48	0.06	8.00	Complies

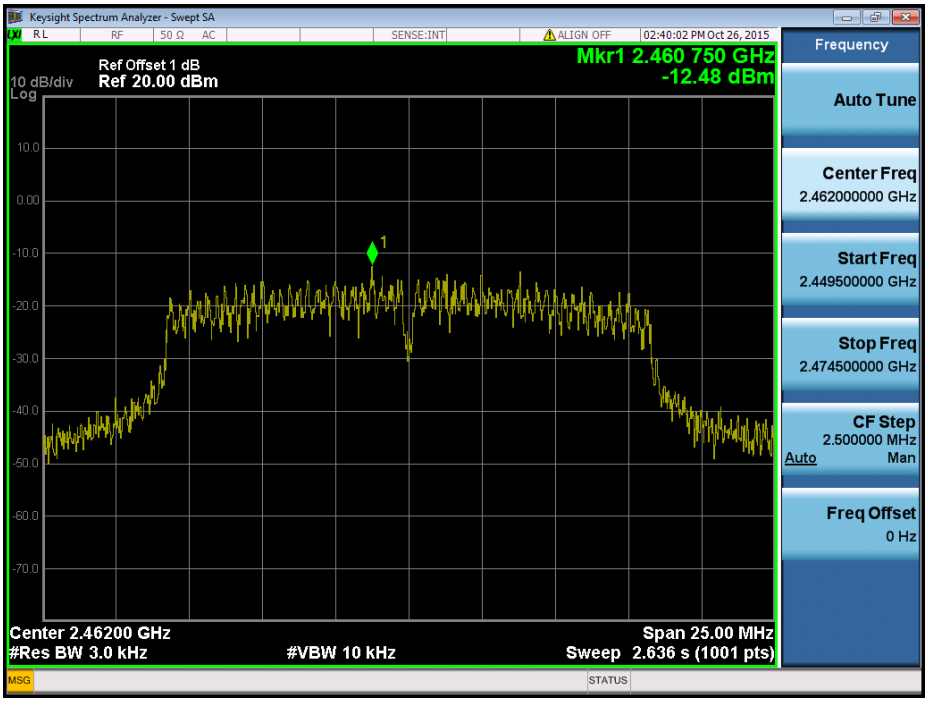
TX CH01



TX CH06



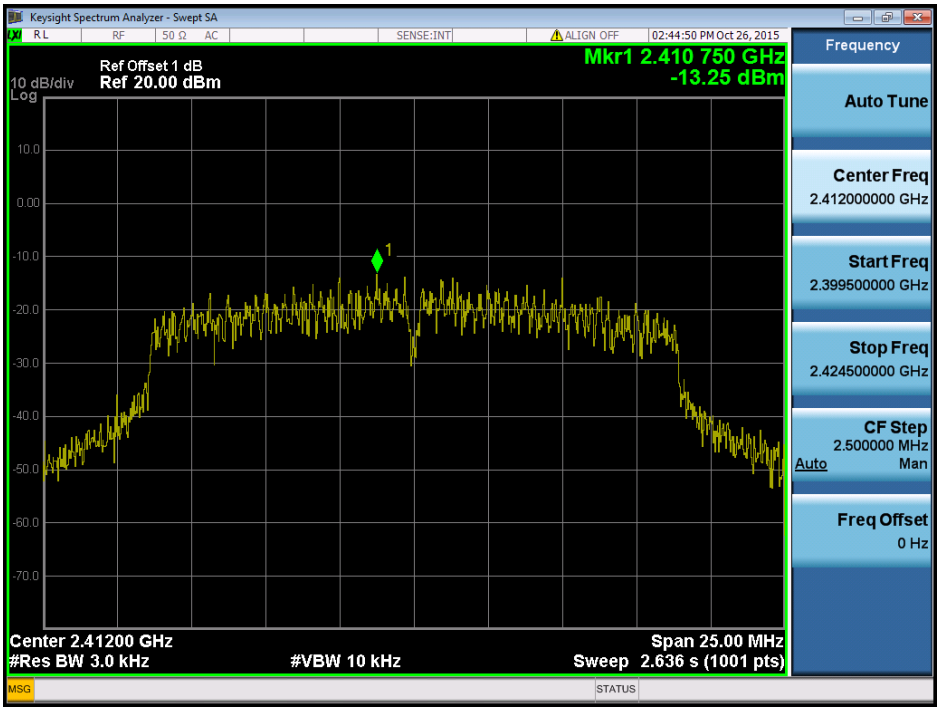
TX CH11



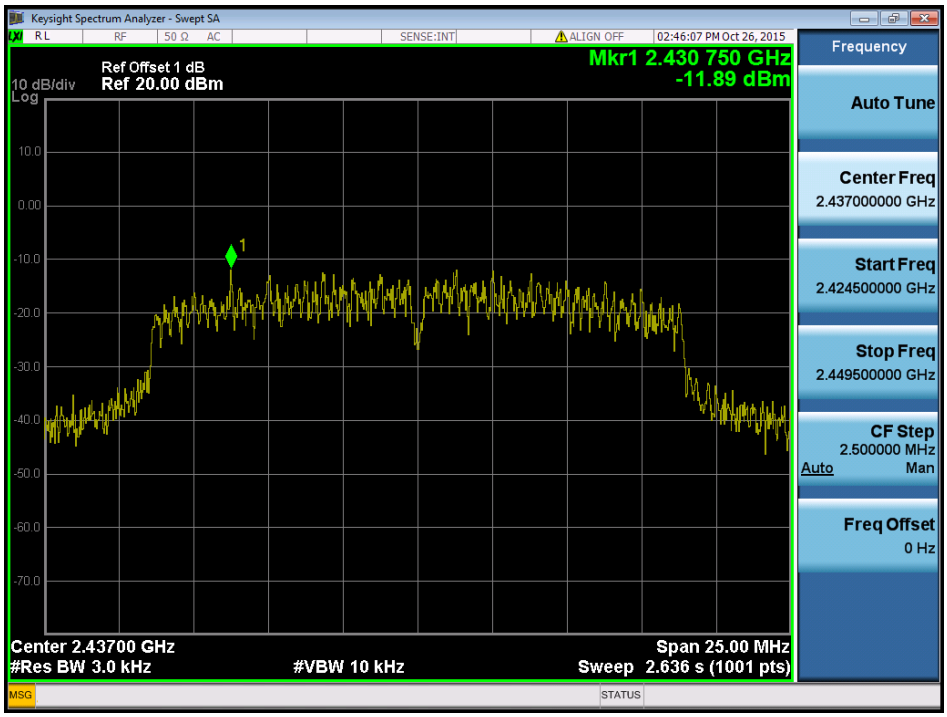
Test Mode : TX N-20M Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.25	0.05	8.00	Complies
2437	-11.89	0.06	8.00	Complies
2462	-13.02	0.05	8.00	Complies

TX CH01



TX CH06



TX CH11