

FCC Radio Test Report

FCC ID: 2AEEX-GEMINI

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

Project No. : 1504C059
Equipment : Smart Phone
Model Name : Gemini
Applicant : SACO LLC
Address : 2170 NW 87th Ave, Doral Florida, 33172, Doral,
Florida, United States 33172

Date of Receipt : Apr. 07, 2015
Date of Test : Apr. 07, 2015~ May 25, 2015
Issued Date : May 26, 2015
Tested by : BTL Inc.

Testing Engineer : David Mao
(David Mao)

Technical Manager : Leo My
(Leo Hung)

Authorized Signatory : Steven Lu
(Steven Lu)

B T L I N C .

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

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

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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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-2-1504C059	Original Issue.	May 26, 2015

1. CERTIFICATION

Equipment : Smart Phone
Brand Name : AFFIX
Model Name : Gemini
Applicant : SACO LLC
Manufacturer : shanghai YIXI technology co., LTD
Address : 8F modernmodern logistics plaza 102 rd qinjiang,caohejing,hi-tech park shang
city 200233pr china
Factory : Skycom Telecommunications Co., Limited
Address : 4 Floor,Building A,Zhi Yang Technology Park.No.014 Tang Qian Zhang Qi
Road,Zhang Ge Community,Guan Lan Street,Long Hua New Dictrict,Shen
Zhen.
Date of Test : Apr. 07, 2015~ May 25, 2015
Test Sample : ENGINEERING SAMPLE
Standard(s) : FCC Part15, Subpart C: 2014 (15.247) / ANSI C63.4-2009

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-2-1504C059) 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
FCC			
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) The test follows FCC KDB Publication No. 558074 D01 DTS Meas Guidance v03r02 (Measurement Guidelines of DTS)

2.1 TEST FACILITY

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

BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	Note
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)	Note
DG-CB 3	CISPR	9KHz~30MHz	V	3.79	
		9KHz~30MHz	H	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	H	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	H	4.14	

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Smart Phone	
Brand Name	AFFIX	
Model Name	Gemini	
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 150 Mbps
	Output Power (Max.)	802.11b: 14.89dBm 802.11g: 11.56dBm 802.11n(20MHz):8.72dBm
Power Source	#1 DC voltage supplied from AC/DC adapter. Brand/Model: Avvio/A31-501000 #2 Battery supplied. Brand/Model: AFFIX/ROCKET #3 Supplied from USB port.	
Power Rating	#1 I/P:100-240V~50/60Hz 0.5A MAX O/P: DC 5V/2A #2 DC 3.8V 3000mAh #3 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:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	Internal	N/A	-3.00	TX/RX

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:

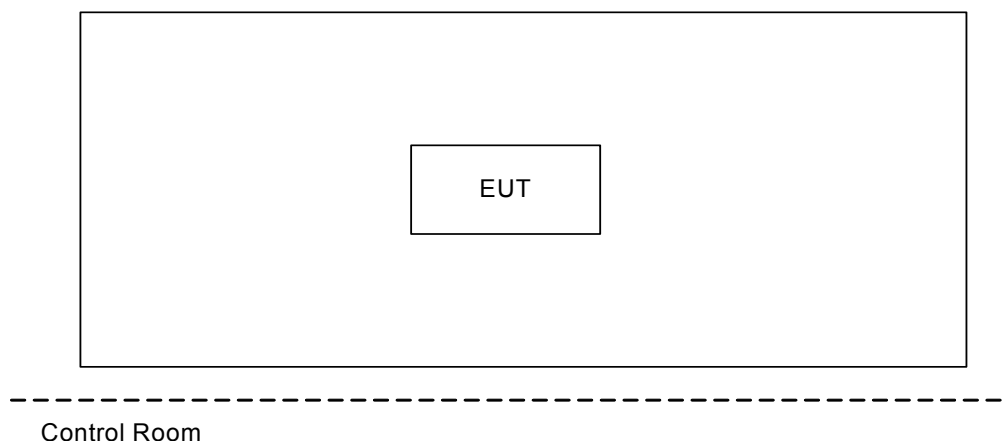
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (6.5Mbps)
For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.
- (5) Both adapter and battery are evaluated, operated the battery is the worst and recorded as below test data
- (6) The EUT is considered a portable unit, it was pre-tested on the positioned of each 3 axis. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test

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	QRCT		
Frequency (MHz)	2412	2437	2462
802.11b	16	15	14
802.11g	14	14	13
802.11n (20MHz)	11	11	10

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
-	-	-	-	-	-	

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	

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.	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

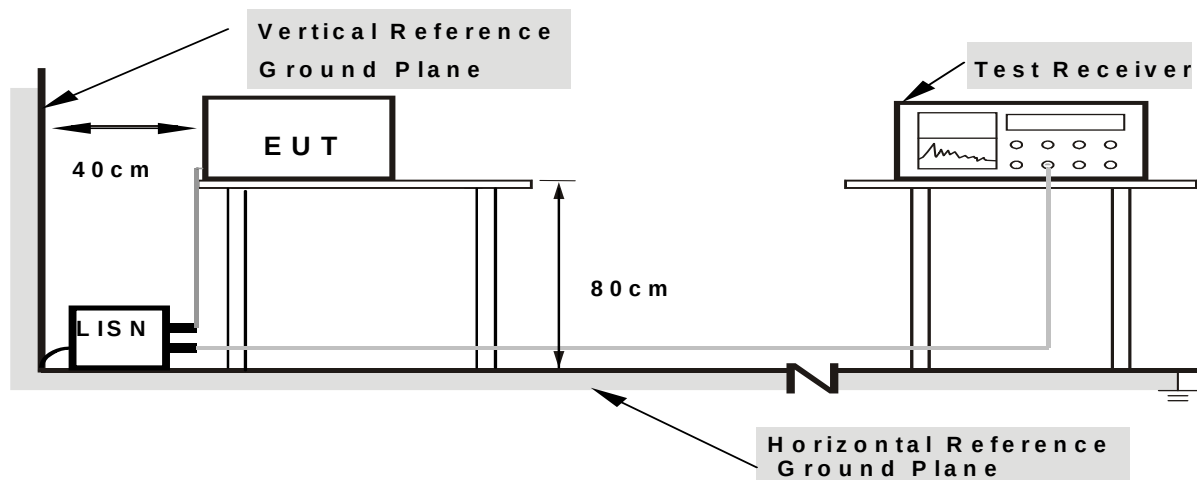
4.1.2 TEST PROCEDURE

- 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 cm 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

20dB in any 100 KHz bandwidth outside the operating frequency band. 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)	RBW 1MHz VBW 3MHz peak detector for Pk value RMS detector for AV value

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

4.2.2 TEST PROCEDURE

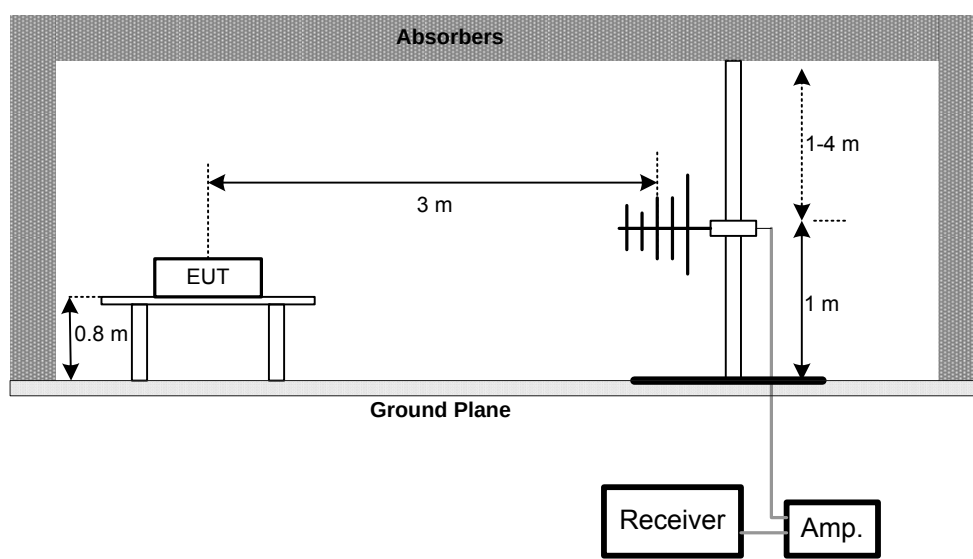
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m; 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.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

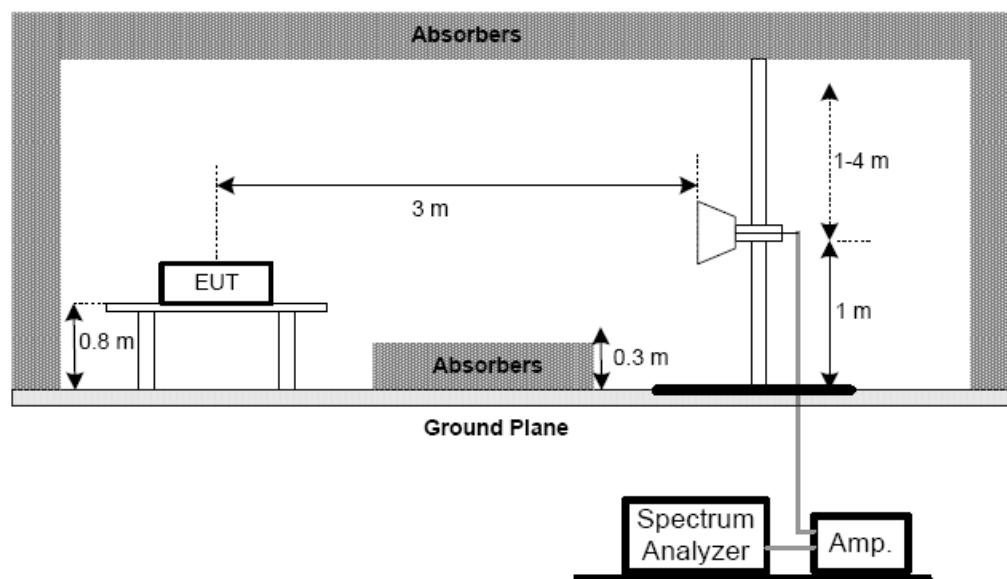
No deviation

4.2.4 TEST SETUP

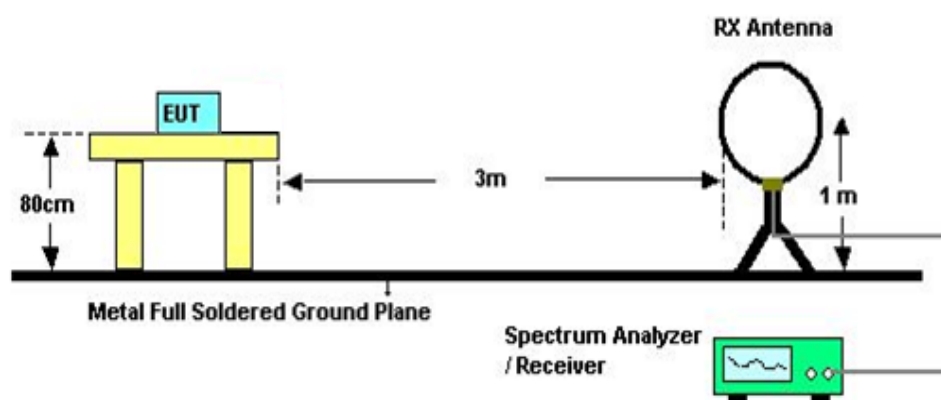
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(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: DC 3.8V

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

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

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

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

5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT 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: 25°C Relative Humidity: 55% Test Voltage: DC 3.8V

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

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance v03r02.

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. Transmit output power was measured while the host equipment supply voltage was varied from 85 % to 115 % of the nominal rated supply voltage. No change in transmit output power was observed.

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: DC 3.8V

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 intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

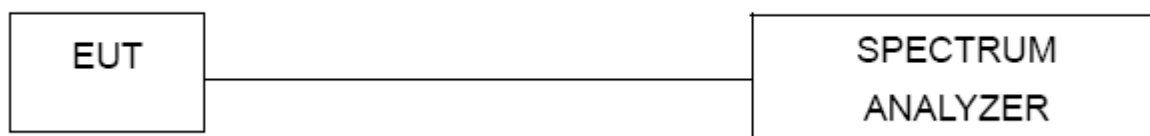
7.1.1 TEST PROCEDURE

- 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.

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: 25°C Relative Humidity: 55% Test Voltage: DC 3.8V

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

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT 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: DC 3.8V

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	N/A	C_17	N/A	Mar.13, 2016
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-0 1	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 17, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 01, 2015
5	Controller	CT	SC100	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-0 1	N/A	N/A
7	Antenna	ETS	3115	00075789	Mar. 28, 2016
8	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
9	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
10	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
11	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 16, 2015

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 28, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 28, 2016

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

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

10. EUT TEST PHOTO

Conducted Measurement Photos



Radiated Measurement Photos

9KHz to 30MHz



Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

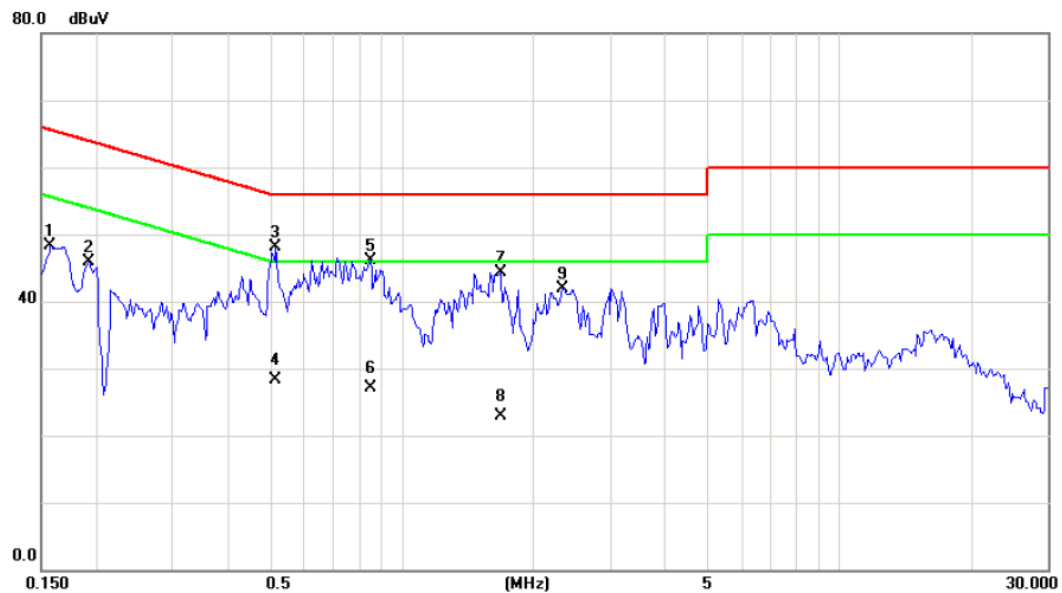
Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

Test Mode : TX MODE

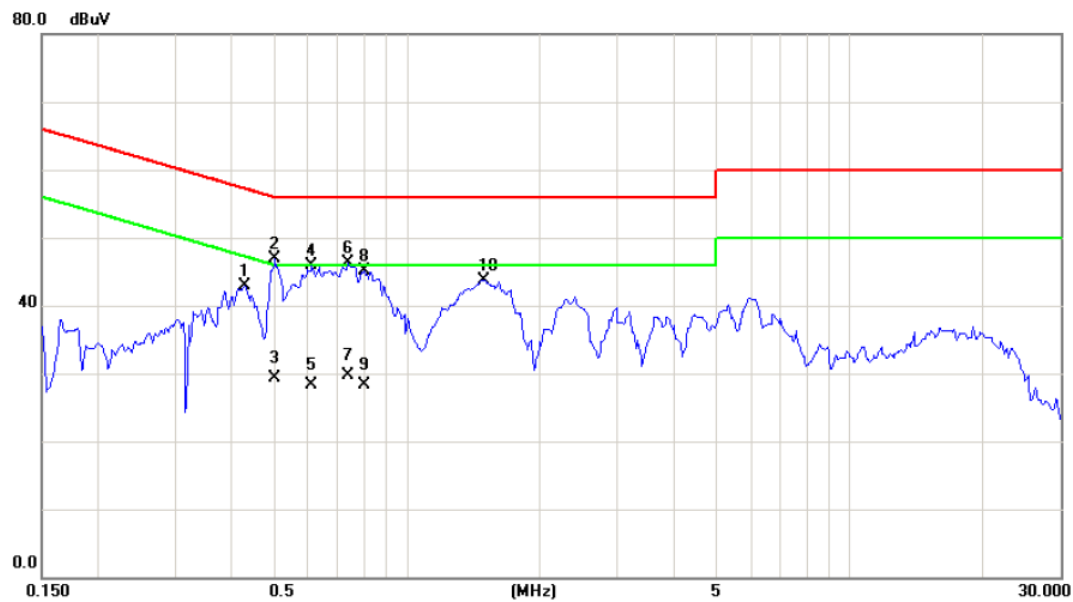
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1578	38.68	9.55	48.23	65.58	-17.35	peak	
2		0.1930	36.25	9.57	45.82	63.91	-18.09	peak	
3	*	0.5172	38.42	9.69	48.11	56.00	-7.89	peak	
4		0.5172	18.70	9.69	28.39	46.00	-17.61	AVG	
5		0.8492	36.31	9.76	46.07	56.00	-9.93	peak	
6		0.8492	17.30	9.76	27.06	46.00	-18.94	AVG	
7		1.6852	34.50	9.87	44.37	56.00	-11.63	peak	
8		1.6852	13.10	9.87	22.97	46.00	-23.03	AVG	
9		2.3413	31.98	9.97	41.95	56.00	-14.05	peak	

Test Mode : TX MODE

Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.4313	33.30	9.54	42.84	57.23	-14.39	peak	
2	*	0.5054	37.26	9.56	46.82	56.00	-9.18	peak	
3		0.5054	19.80	9.56	29.36	46.00	-16.64	AVG	
4		0.6110	36.31	9.56	45.87	56.00	-10.13	peak	
5		0.6110	18.80	9.56	28.36	46.00	-17.64	AVG	
6		0.7360	36.77	9.54	46.31	56.00	-9.69	peak	
7		0.7360	20.10	9.54	29.64	46.00	-16.36	AVG	
8		0.8062	35.47	9.56	45.03	56.00	-10.97	peak	
9		0.8062	18.80	9.56	28.36	46.00	-17.64	AVG	
10		1.4977	34.08	9.66	43.74	56.00	-12.26	peak	

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

Test Mode:	TX Mode
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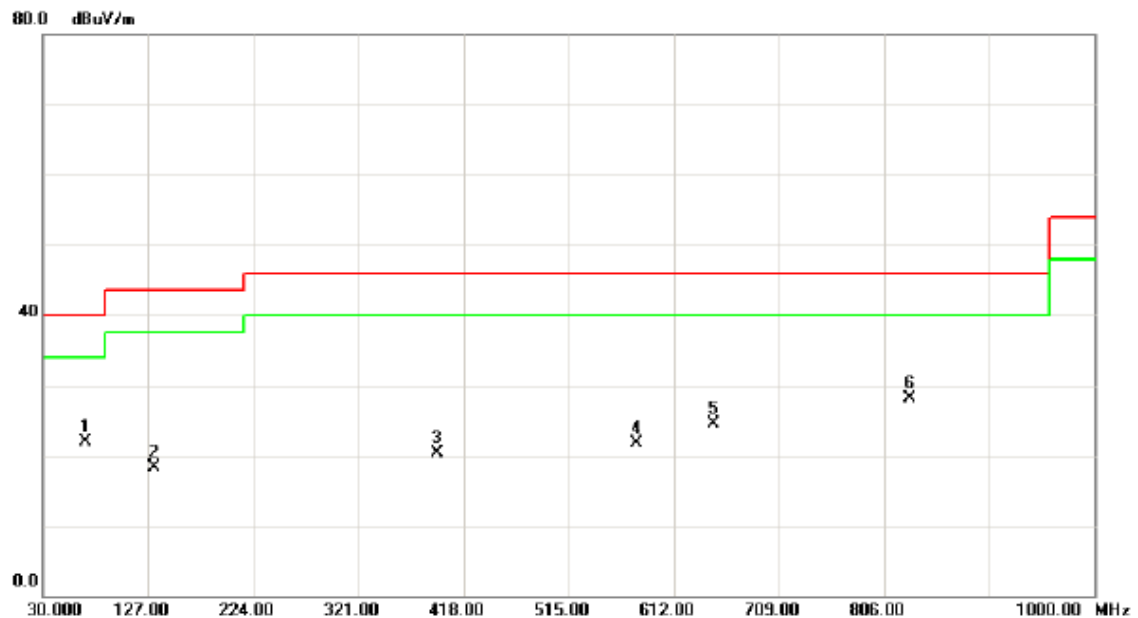
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit(QP) (dBuV/m)	Margin (dB)	Note
0.0168	0°	13.64	24.50	38.14	123.10	-84.96	AVG
0.0168	0°	14.53	24.50	39.03	143.10	-104.07	PEAK
0.0359	0°	6.91	23.29	30.20	116.50	-86.30	AVG
0.0359	0°	7.54	23.29	30.83	136.50	-105.67	PEAK
0.0386	0°	3.77	23.12	26.89	115.87	-88.98	AVG
0.0386	0°	5.46	23.12	28.58	135.87	-107.29	PEAK
0.0467	0°	0.92	22.61	23.53	114.22	-90.69	AVG
0.0467	0°	3.05	22.61	25.66	134.22	-108.56	PEAK
2.0652	0°	30.54	19.46	50.00	69.54	-19.54	QP
3.3676	0°	21.69	18.94	40.63	69.54	-28.91	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit(QP) (dBuV/m)	Margin (dB)	Note
0.0154	90°	13.58	24.30	37.88	123.85	-85.97	AVG
0.0154	90°	14.51	24.30	38.81	143.85	-105.04	PEAK
0.0355	90°	6.36	23.32	29.68	116.60	-86.92	AVG
0.0355	90°	8.75	23.32	32.07	136.60	-104.53	PEAK
0.0374	90°	3.63	23.20	26.83	116.15	-89.32	AVG
0.0374	90°	5.42	23.20	28.62	136.15	-107.53	PEAK
0.0692	90°	0.63	22.02	22.65	110.80	-88.16	AVG
0.0692	90°	2.95	22.02	24.97	130.80	-105.84	PEAK
2.0563	90°	30.66	19.47	50.13	69.54	-19.41	QP
3.2476	90°	21.47	18.92	40.39	69.54	-29.15	QP

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

Test Mode: TX B MODE CHANNEL 01

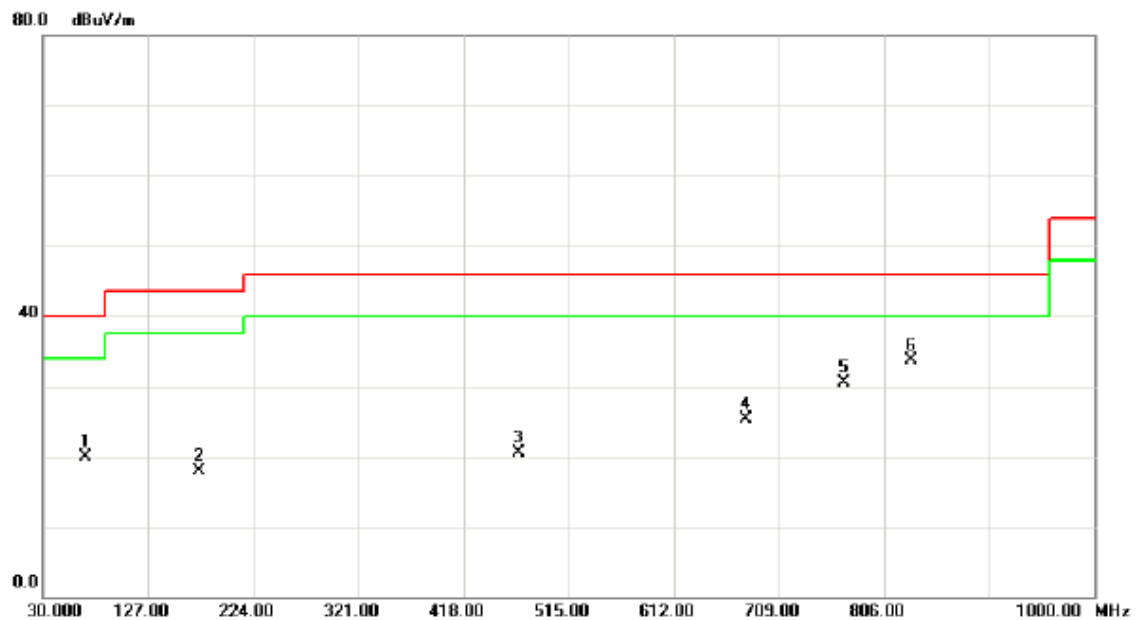
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		69.7700	38.22	-16.22	22.00	40.00	-18.00	peak	
2		132.8200	31.32	-13.09	18.23	43.50	-25.27	peak	
3		393.7500	30.10	-9.81	20.29	46.00	-25.71	peak	
4		577.0800	29.57	-7.92	21.65	46.00	-24.35	peak	
5		648.8600	29.67	-5.21	24.46	46.00	-21.54	peak	
6	*	830.2500	31.19	-3.05	28.14	46.00	-17.86	peak	

Test Mode: TX B MODE CHANNEL 01

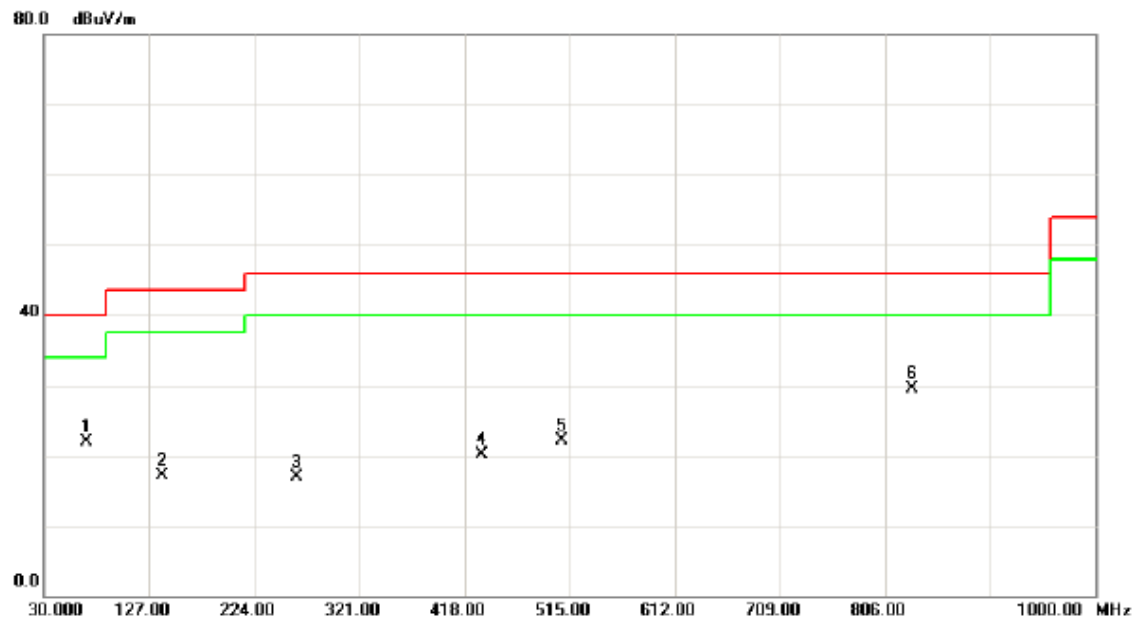
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		69.7700	36.12	-16.22	19.90	40.00	-20.10	peak	
2		173.5600	30.81	-12.84	17.97	43.50	-25.53	peak	
3		469.4100	29.85	-9.36	20.49	46.00	-25.51	peak	
4		678.9300	30.32	-5.02	25.30	46.00	-20.70	peak	
5		769.1400	34.50	-3.96	30.54	46.00	-15.46	peak	
6	*	831.2200	36.76	-3.05	33.71	46.00	-12.29	peak	

Test Mode: TX B MODE CHANNEL 06

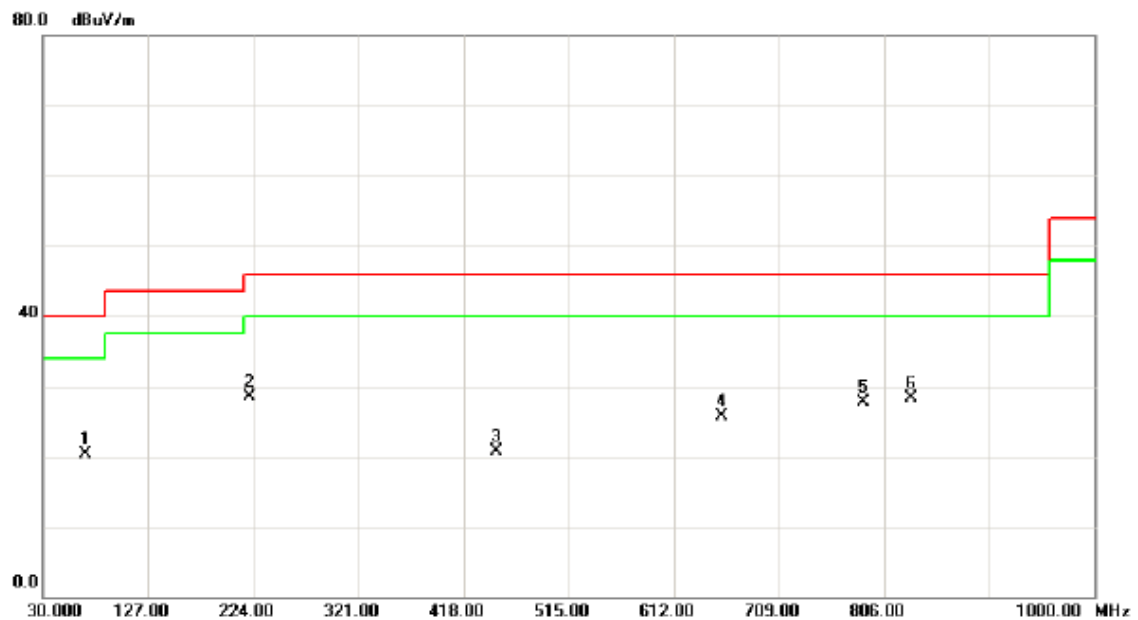
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		69.7700	38.03	-16.22	21.81	40.00	-18.19	peak	
2		138.6400	30.22	-13.15	17.07	43.50	-26.43	peak	
3		262.8000	30.46	-13.62	16.84	46.00	-29.16	peak	
4		434.4900	28.93	-8.90	20.03	46.00	-25.97	peak	
5		508.2100	32.20	-10.10	22.10	46.00	-23.90	peak	
6	*	831.2200	32.60	-3.05	29.55	46.00	-16.45	peak	

Test Mode: TX B MODE CHANNEL 06

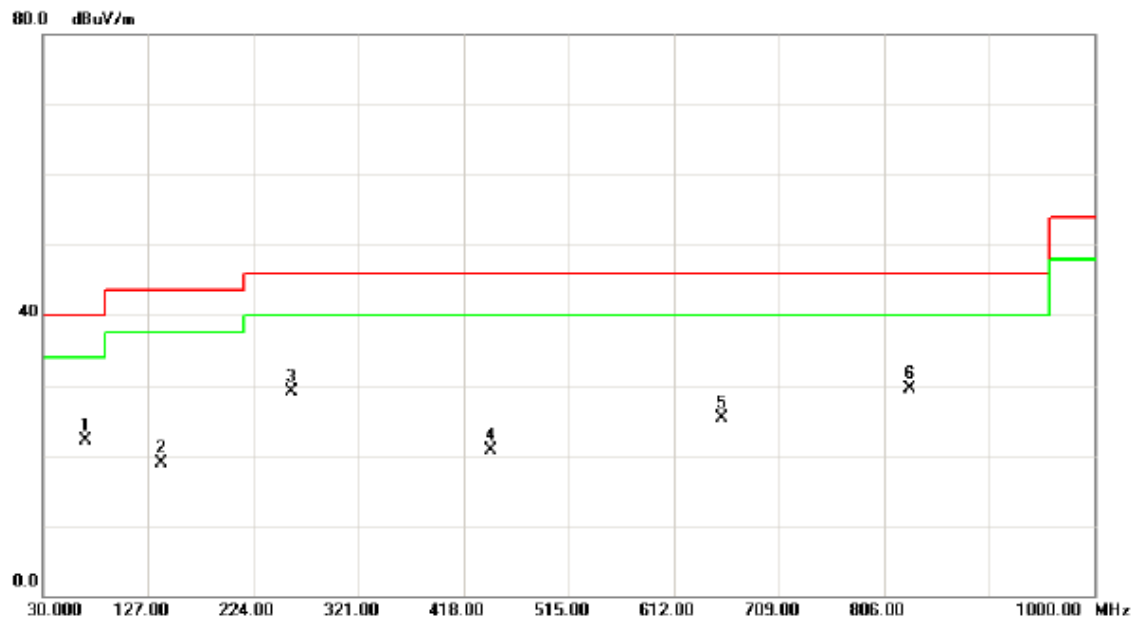
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		69.7700	36.51	-16.22	20.29	40.00	-19.71	peak	
2	*	220.1200	43.33	-14.87	28.46	46.00	-17.54	peak	
3		448.0700	29.38	-8.66	20.72	46.00	-25.28	peak	
4		656.6200	30.80	-5.12	25.68	46.00	-20.32	peak	
5		787.5700	31.09	-3.32	27.77	46.00	-18.23	peak	
6		831.2200	31.36	-3.05	28.31	46.00	-17.69	peak	

Test Mode: TX B MODE CHANNEL 11

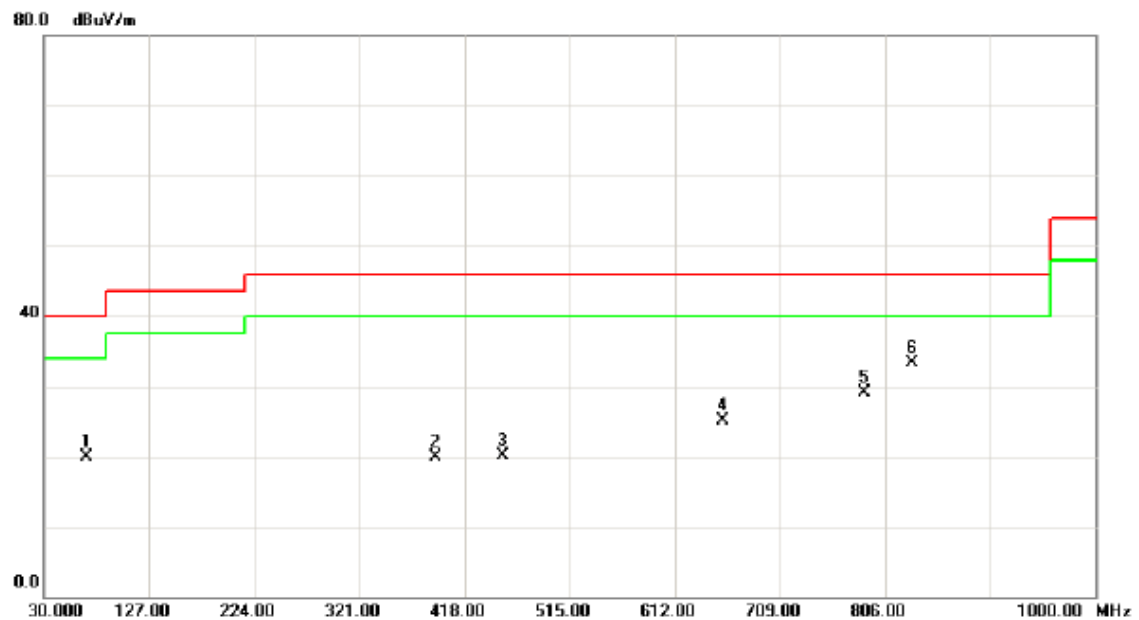
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		69.7700	38.23	-16.22	22.01	40.00	-17.99	peak	
2		138.6400	32.11	-13.15	18.96	43.50	-24.54	peak	
3		259.8900	42.85	-13.79	29.06	46.00	-16.94	peak	
4		443.2200	29.37	-8.74	20.63	46.00	-25.37	peak	
5		656.6200	30.39	-5.12	25.27	46.00	-20.73	peak	
6	*	830.2500	32.55	-3.05	29.50	46.00	-16.50	peak	

Test Mode: TX B MODE CHANNEL 11

Horizontal

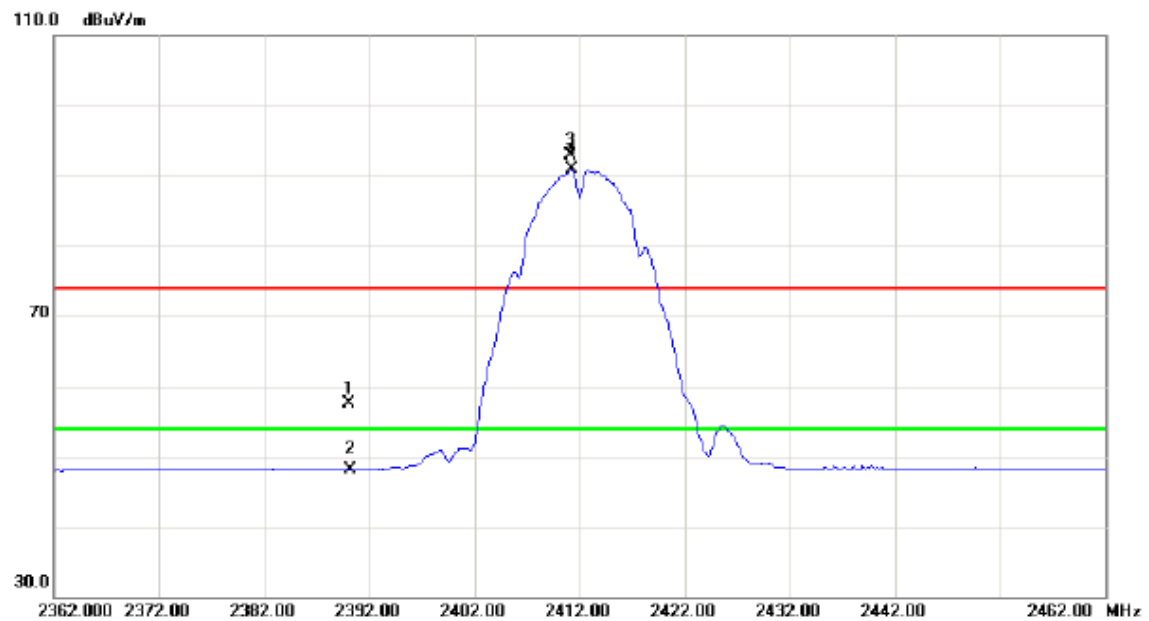


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		69.7700	36.19	-16.22	19.97	40.00	-20.03	peak	
2		391.8100	29.74	-9.89	19.85	46.00	-26.15	peak	
3		453.8900	28.93	-8.76	20.17	46.00	-25.83	peak	
4		656.6200	30.14	-5.12	25.02	46.00	-20.98	peak	
5		787.5700	32.46	-3.32	29.14	46.00	-16.86	peak	
6	*	831.2200	36.32	-3.05	33.27	46.00	-12.73	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

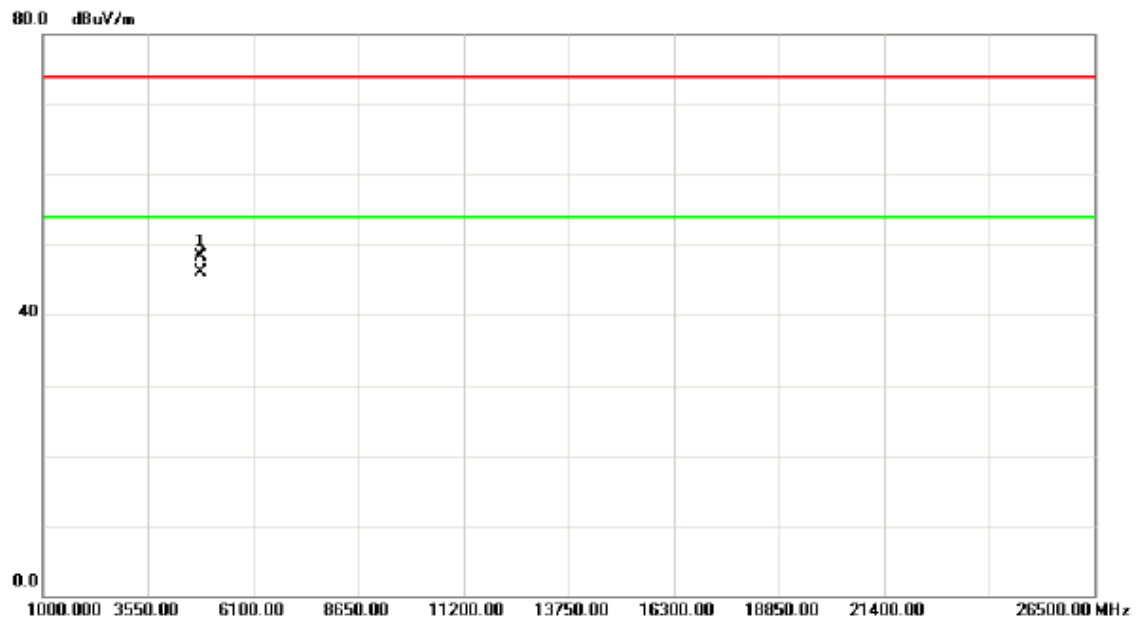
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.41	34.17	57.58	74.00	-16.42	peak	
2		2390.000	13.95	34.17	48.12	54.00	-5.88	AVG	
3	X	2411.100	58.76	34.23	92.99	74.00	18.99	peak	No Limit
4	*	2411.200	56.59	34.23	90.82	54.00	36.82	AVG	No Limit

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

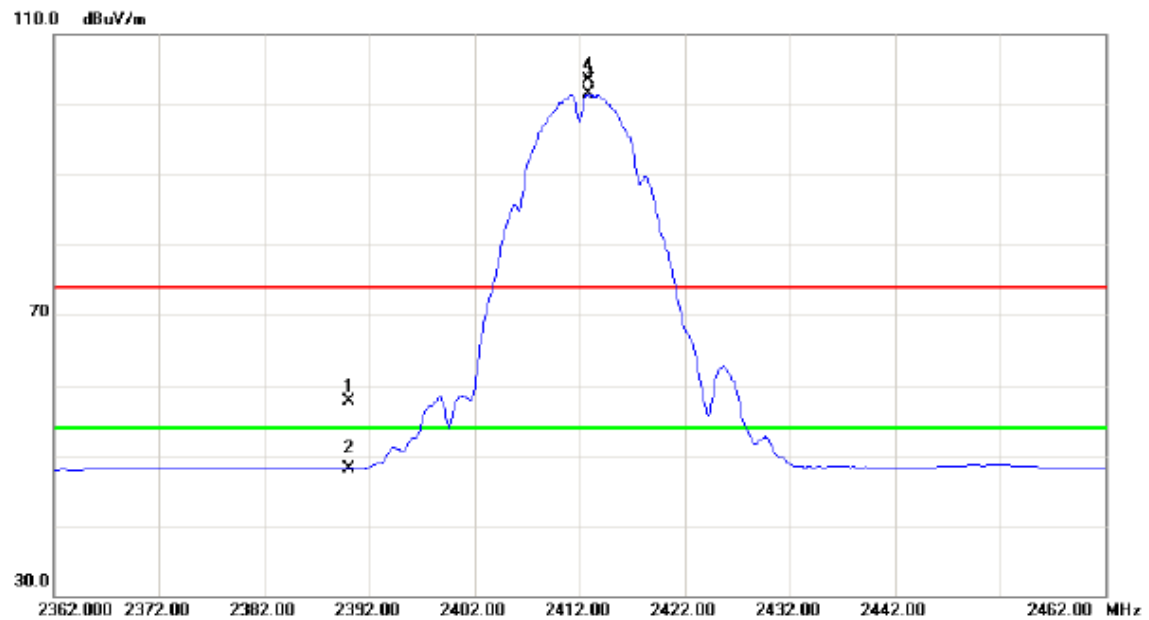
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.960	41.55	6.81	48.36	74.00	-25.64	peak	
2	*	4824.010	39.27	6.81	46.08	54.00	-7.92	AVG	

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

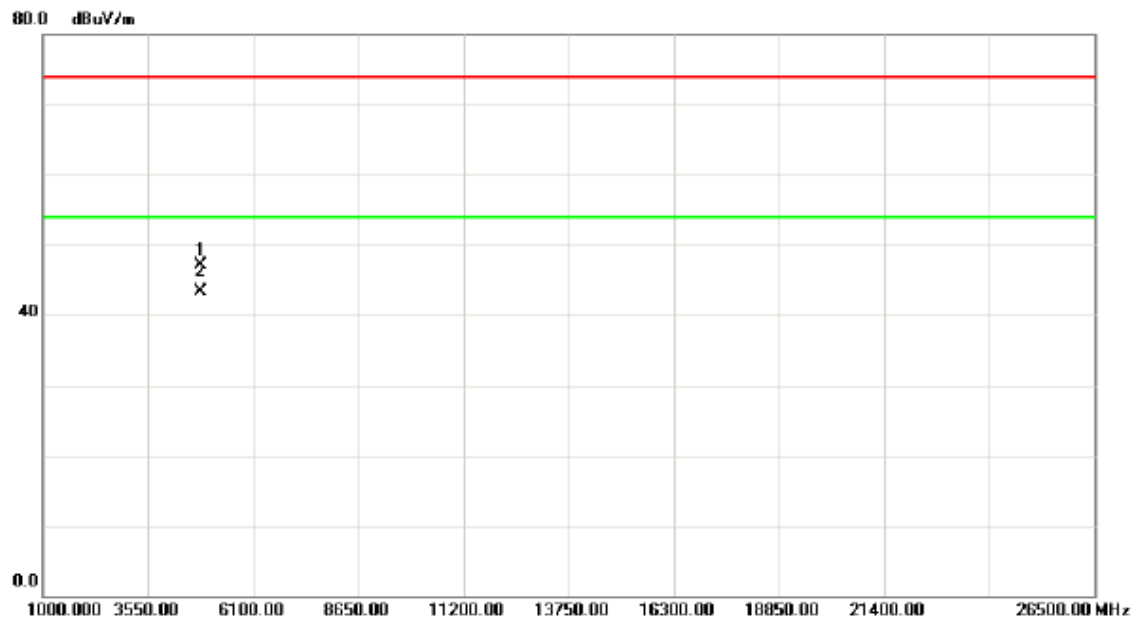
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	23.60	34.17	57.77	74.00	-16.23	peak	
2		2390.000	13.99	34.17	48.16	54.00	-5.84	AVG	
3	*	2412.800	67.18	34.23	101.41	54.00	47.41	AVG	No Limit
4	X	2412.900	69.32	34.23	103.55	74.00	29.55	peak	No Limit

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

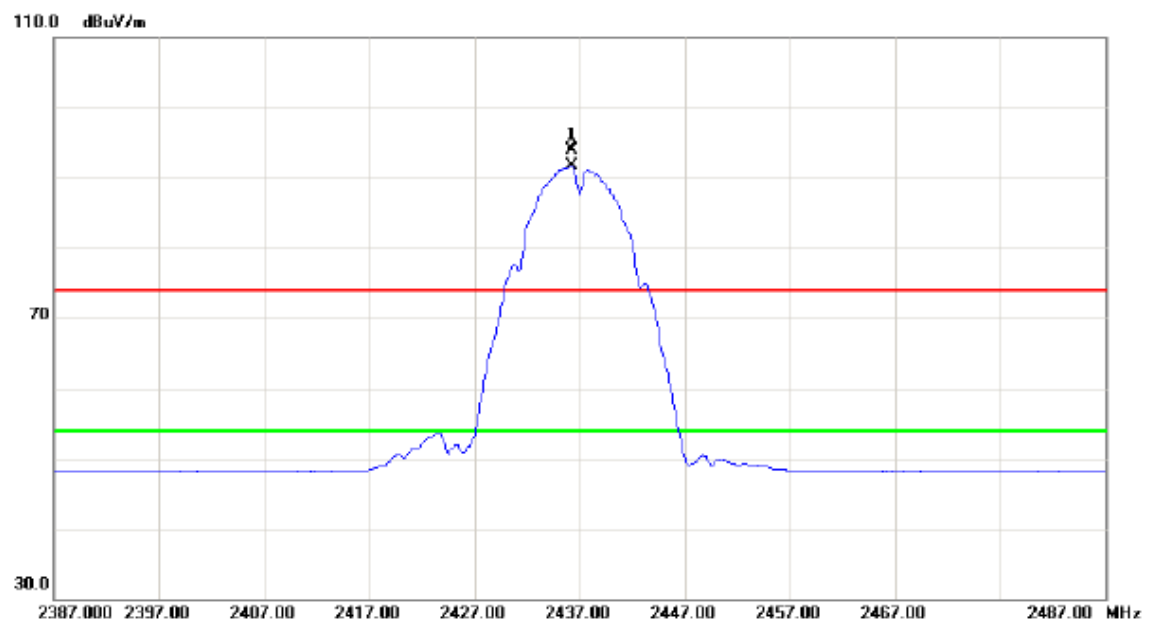
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.830	40.37	6.81	47.18	74.00	-26.82	peak	
2	*	4824.000	36.50	6.81	43.31	54.00	-10.69	AVG	

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

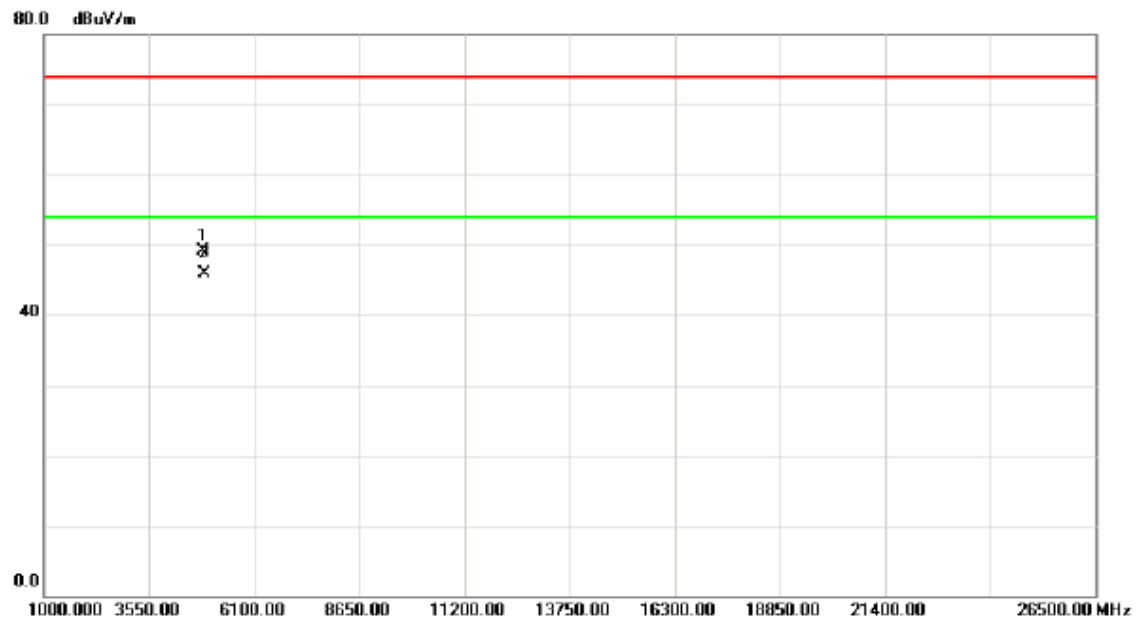
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.200	59.59	34.30	93.89	74.00	19.89	peak	No Limit
2	*	2436.200	57.44	34.30	91.74	54.00	37.74	AVG	No Limit

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

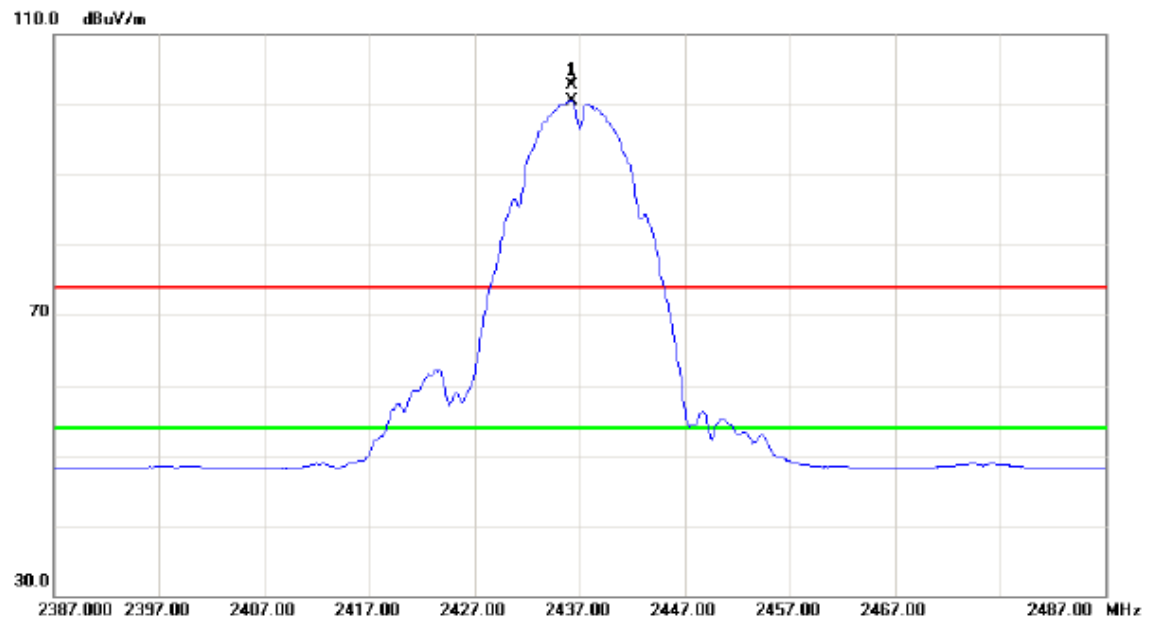
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4873.920	42.07	6.96	49.03	74.00	-24.97	peak	
2	*	4873.960	38.88	6.96	45.84	54.00	-8.16	AVG	

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

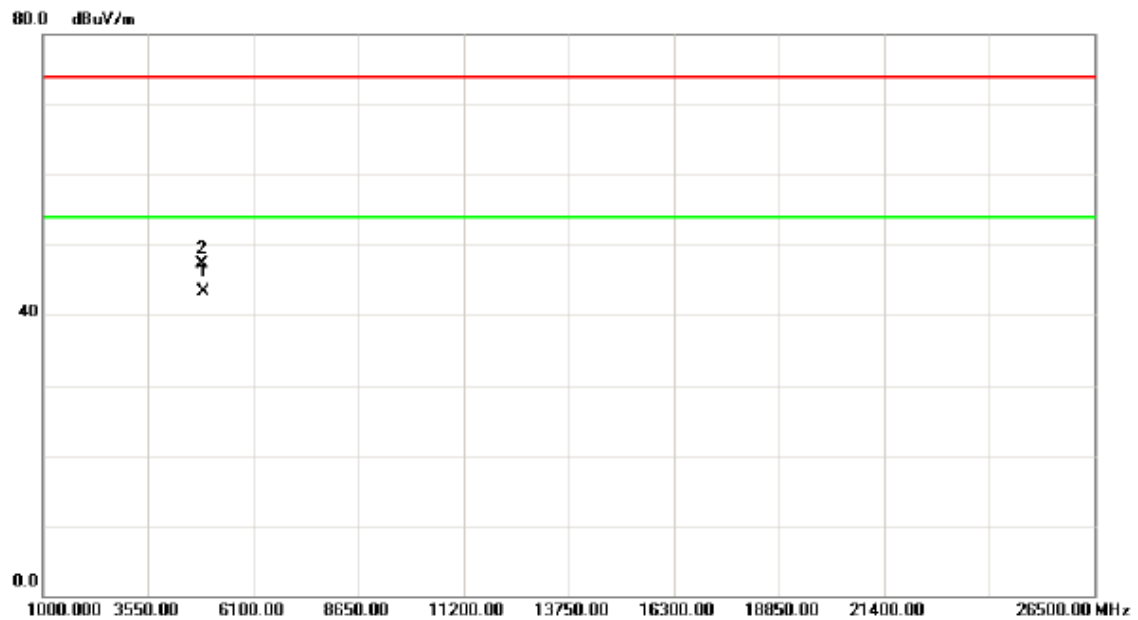
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2436.200	68.37	34.30	102.67	74.00	28.67	peak	No Limit
2	*	2436.200	66.29	34.30	100.59	54.00	46.59	AVG	No Limit

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

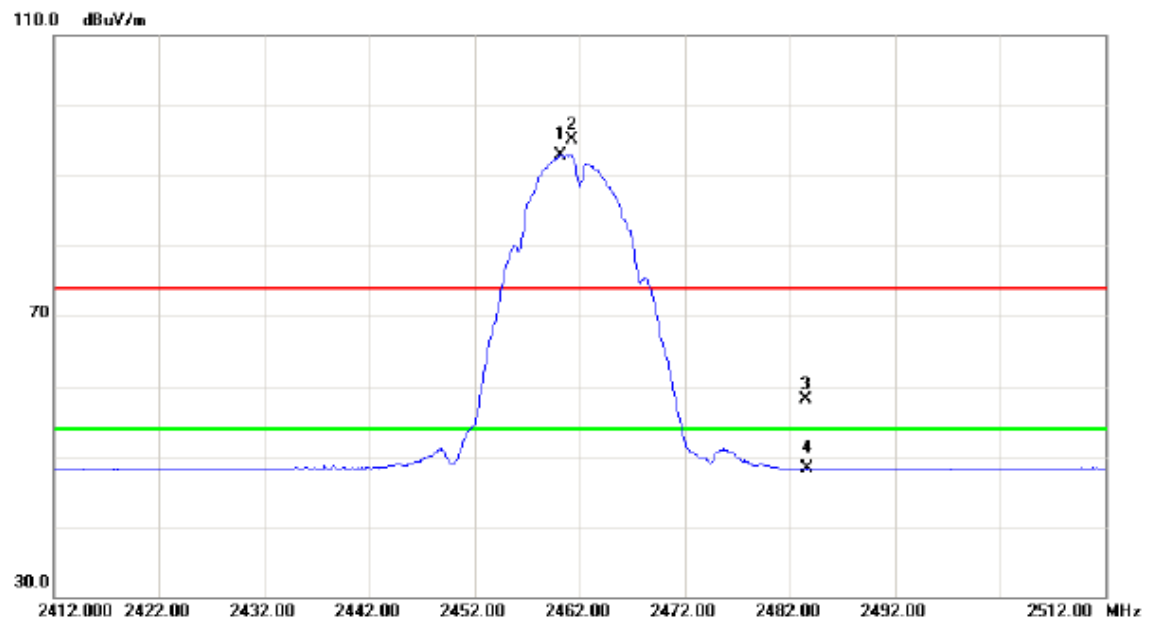
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4873.980	36.29	6.96	43.25	54.00	-10.75	AVG	
2		4874.040	40.30	6.96	47.26	74.00	-26.74	peak	

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

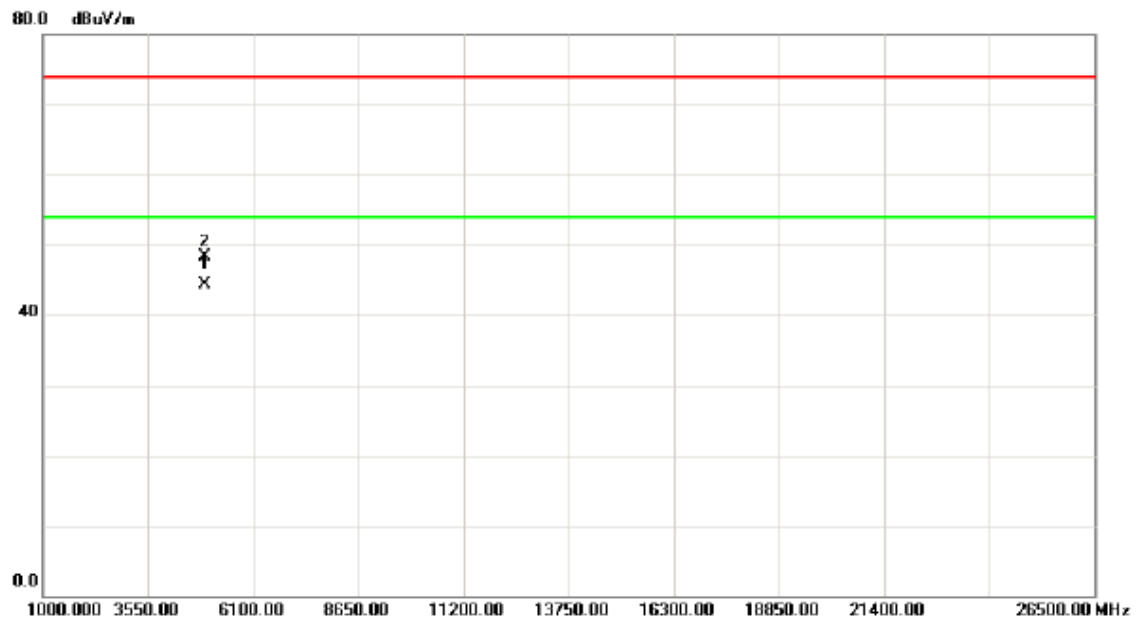
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2460.200	58.60	34.36	92.96	54.00	38.96	AVG	No Limit
2	X	2461.200	60.72	34.37	95.09	74.00	21.09	peak	No Limit
3		2483.500	23.70	34.43	58.13	74.00	-15.87	peak	
4		2483.500	13.78	34.43	48.21	54.00	-5.79	AVG	

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

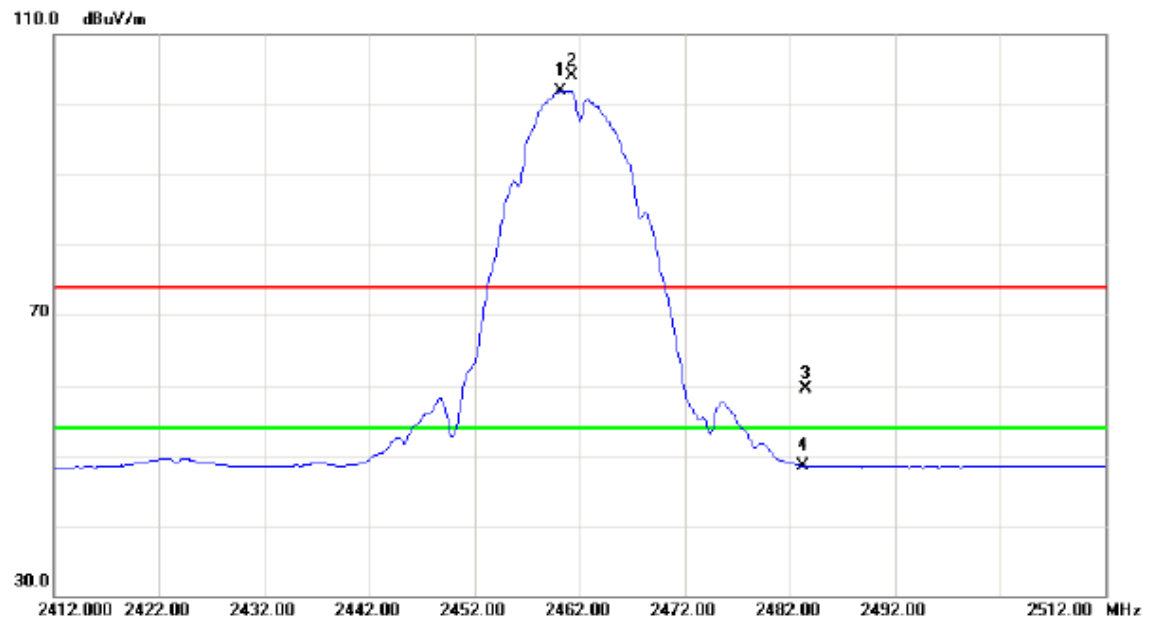
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4923.990	37.11	7.12	44.23	54.00	-9.77	AVG	
2		4924.030	41.11	7.12	48.23	74.00	-25.77	peak	

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

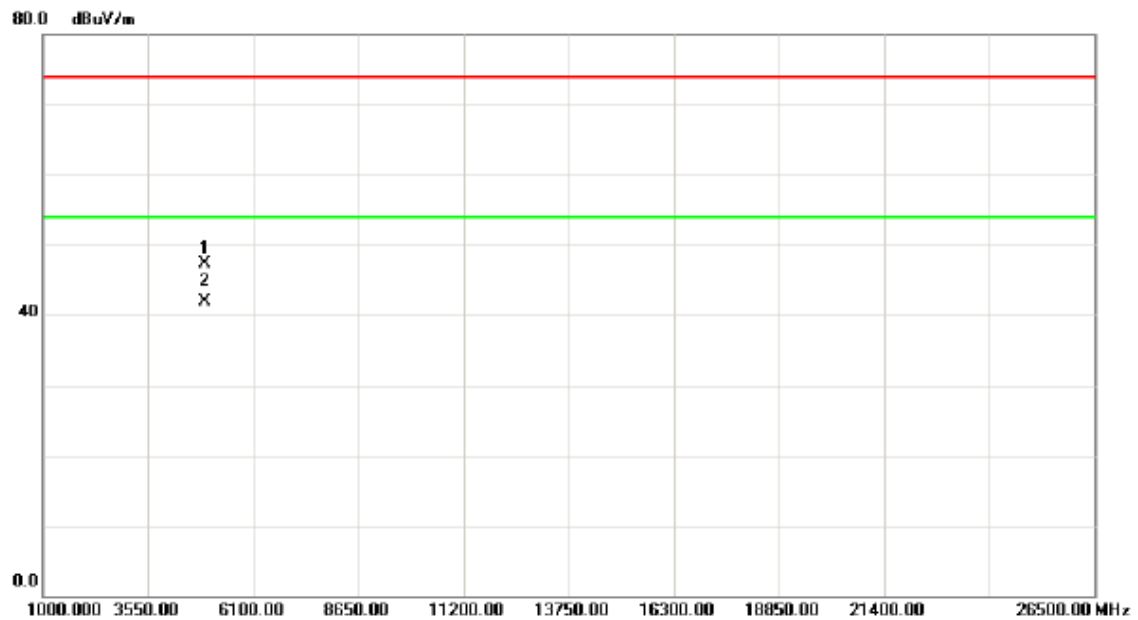
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2460.200	67.64	34.36	102.00	54.00	48.00	AVG	No Limit
2	X	2461.200	69.72	34.37	104.09	74.00	30.09	peak	No Limit
3		2483.500	25.03	34.43	59.46	74.00	-14.54	peak	
4		2483.500	14.07	34.43	48.50	54.00	-5.50	AVG	

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

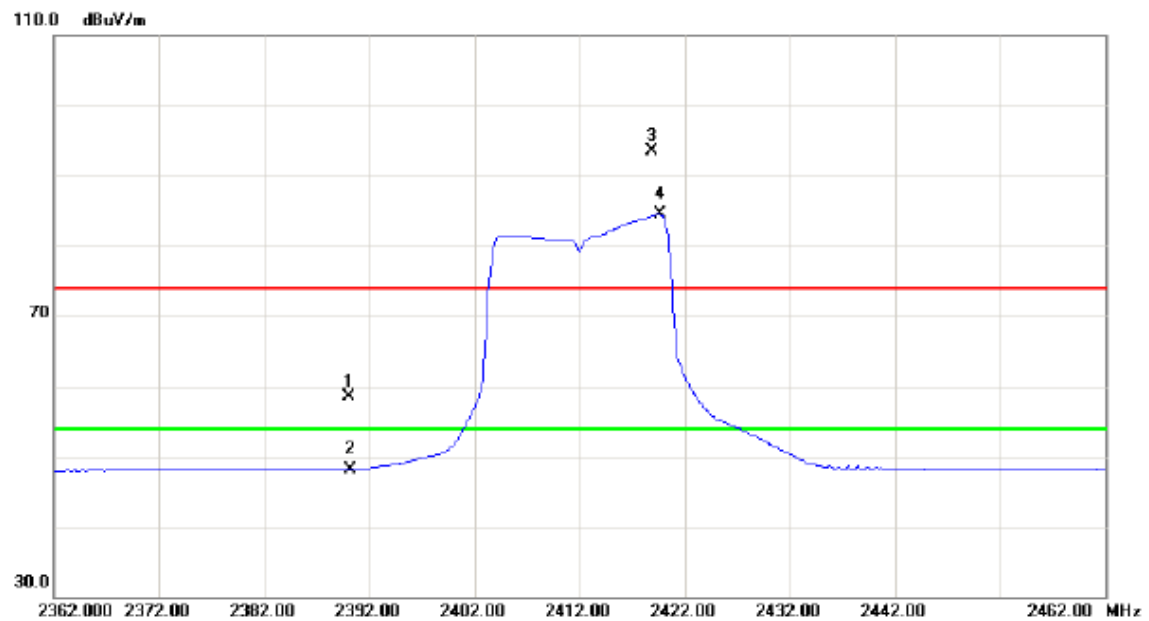
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4923.920	40.10	7.12	47.22	74.00	-26.78	peak	
2	*	4923.970	34.80	7.12	41.92	54.00	-12.08	AVG	

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

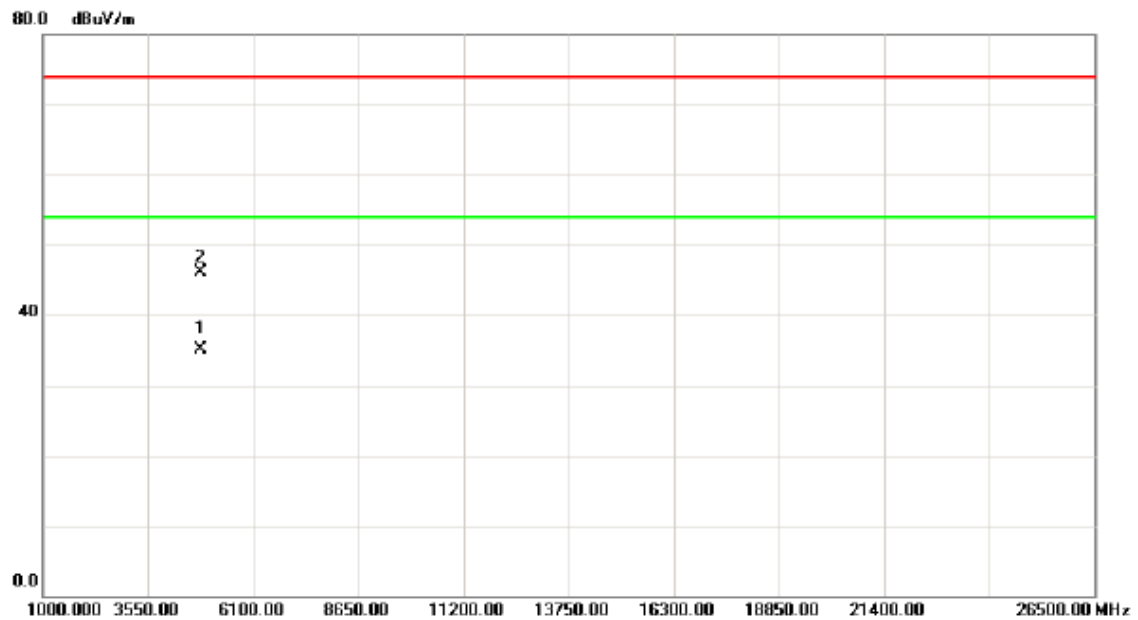
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.33	34.17	58.50	74.00	-15.50	peak	
2		2390.000	14.00	34.17	48.17	54.00	-5.83	AVG	
3	X	2418.800	59.29	34.25	93.54	74.00	19.54	peak	No Limit
4	*	2419.600	50.23	34.25	84.48	54.00	30.48	AVG	No Limit

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

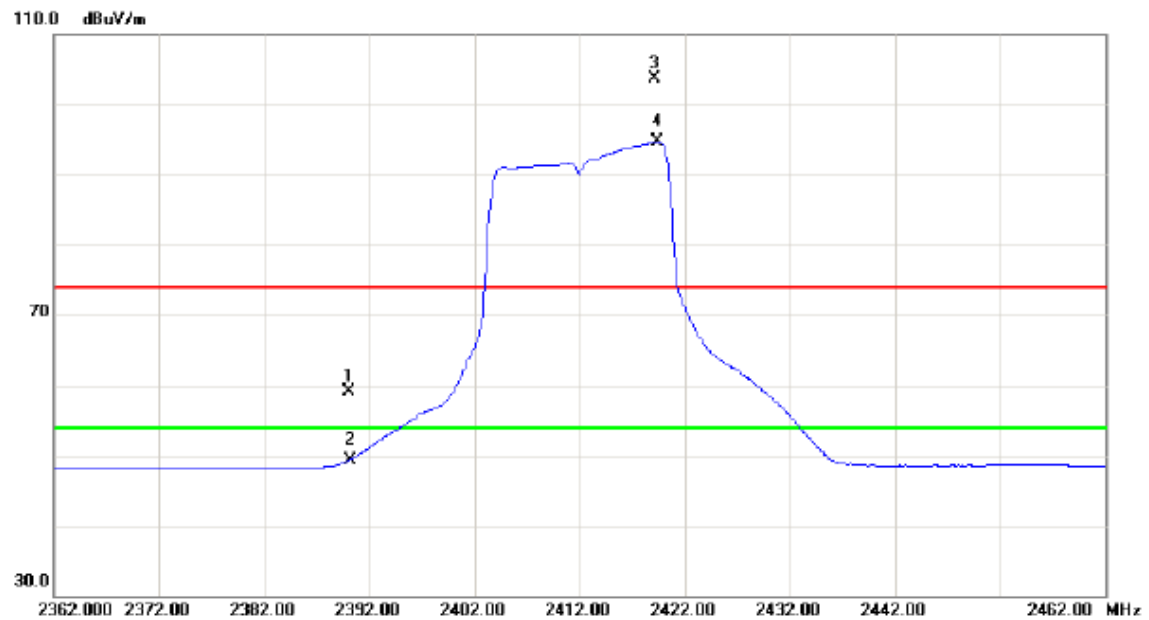
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4823.580	31.46	3.62	35.08	54.00	-18.92	AVG	
2		4824.020	42.46	3.62	46.08	74.00	-27.92	peak	

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

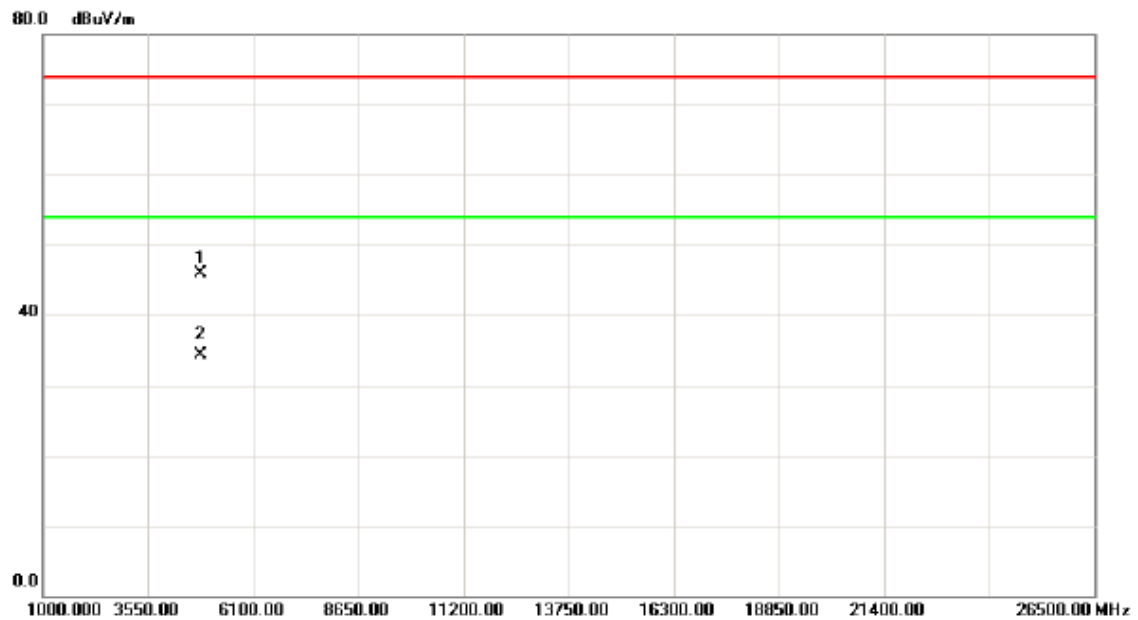
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	24.97	34.17	59.14	74.00	-14.86	peak	
2		2390.000	15.10	34.17	49.27	54.00	-4.73	AVG	
3	X	2419.100	69.47	34.25	103.72	74.00	29.72	peak	No Limit
4	*	2419.400	60.39	34.25	94.64	54.00	40.64	AVG	No Limit

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

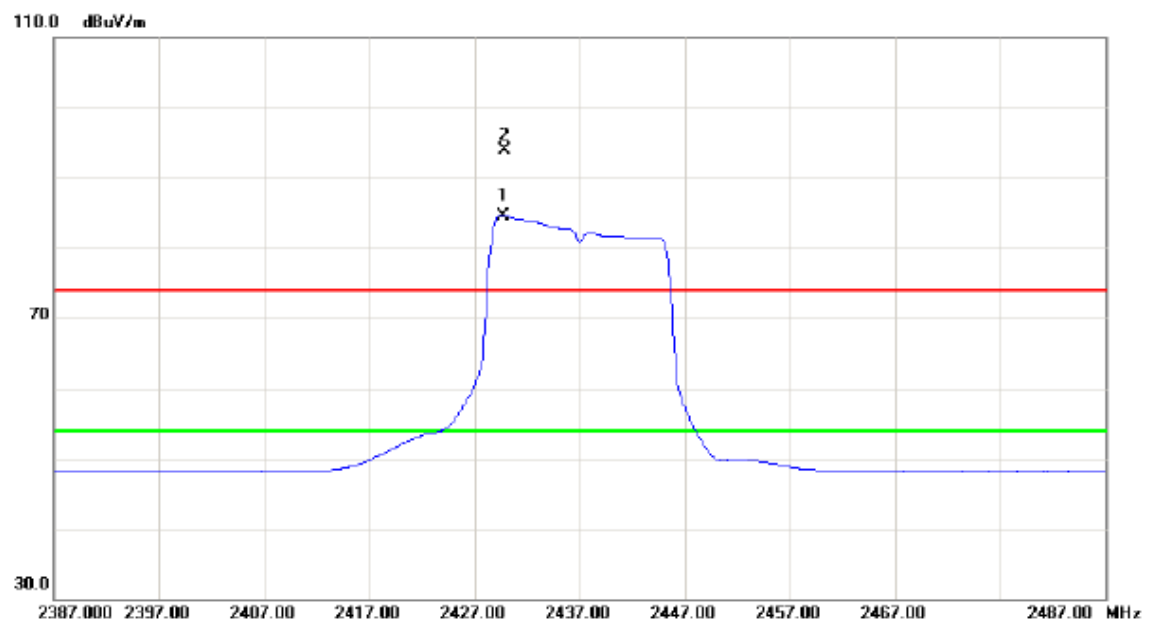
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.180	42.35	3.62	45.97	74.00	-28.03	peak	
2	*	4823.420	30.63	3.62	34.25	54.00	-19.75	AVG	

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

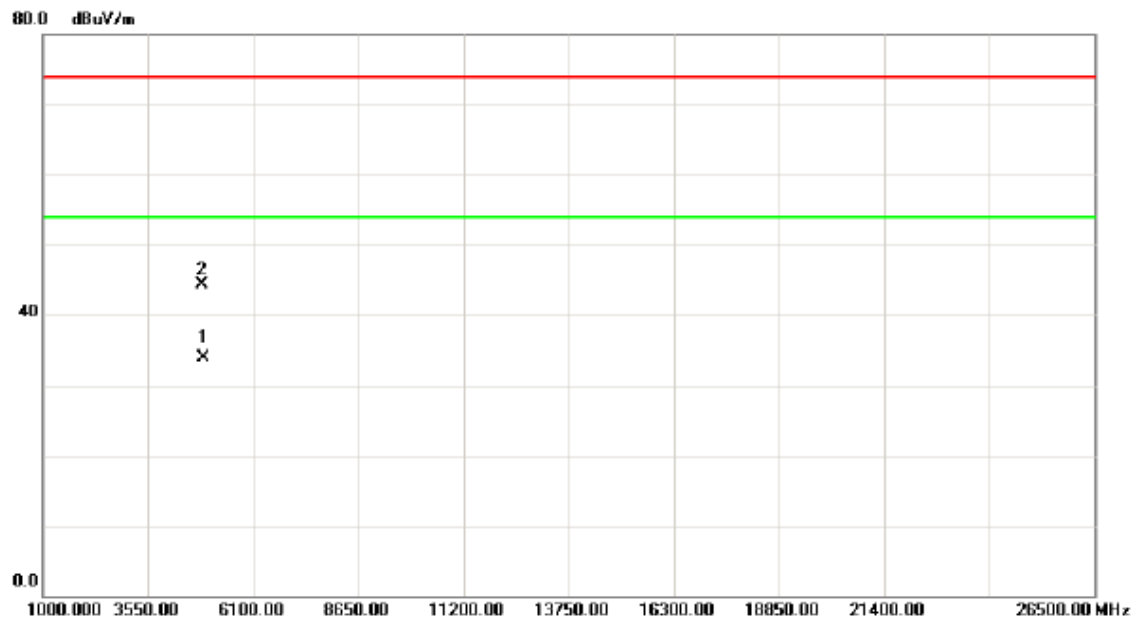
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2429.700	50.29	34.28	84.57	54.00	30.57	AVG	No Limit
2	X	2429.900	59.61	34.28	93.89	74.00	19.89	peak	No Limit

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

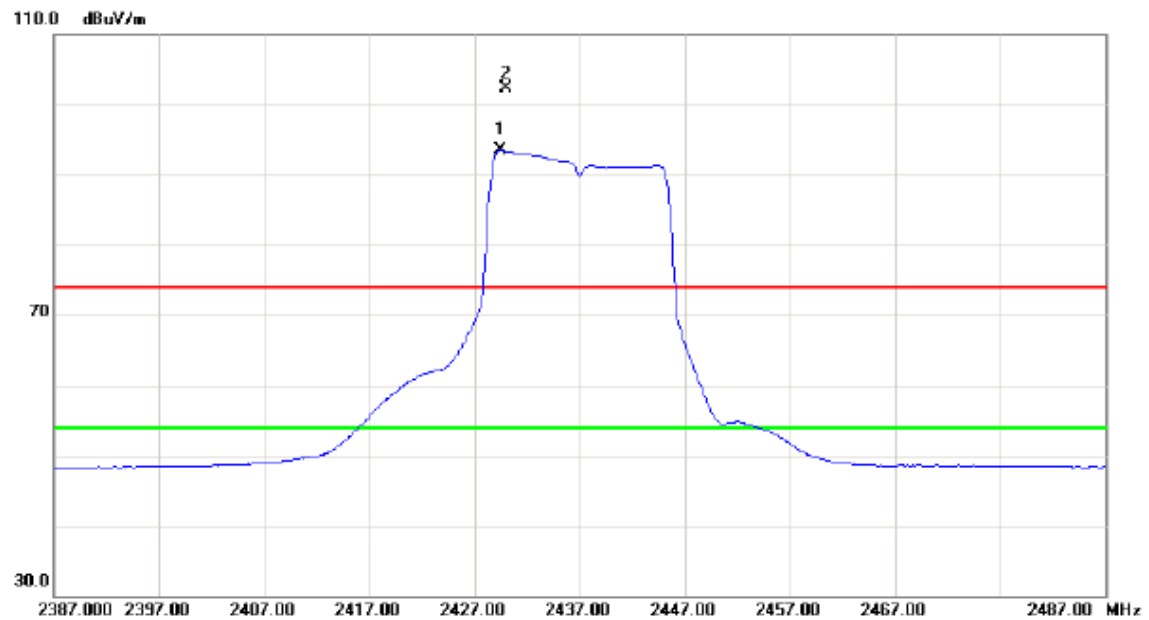
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4873.980	30.22	3.72	33.94	54.00	-20.06	AVG	
2		4874.440	40.68	3.72	44.40	74.00	-29.60	peak	

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

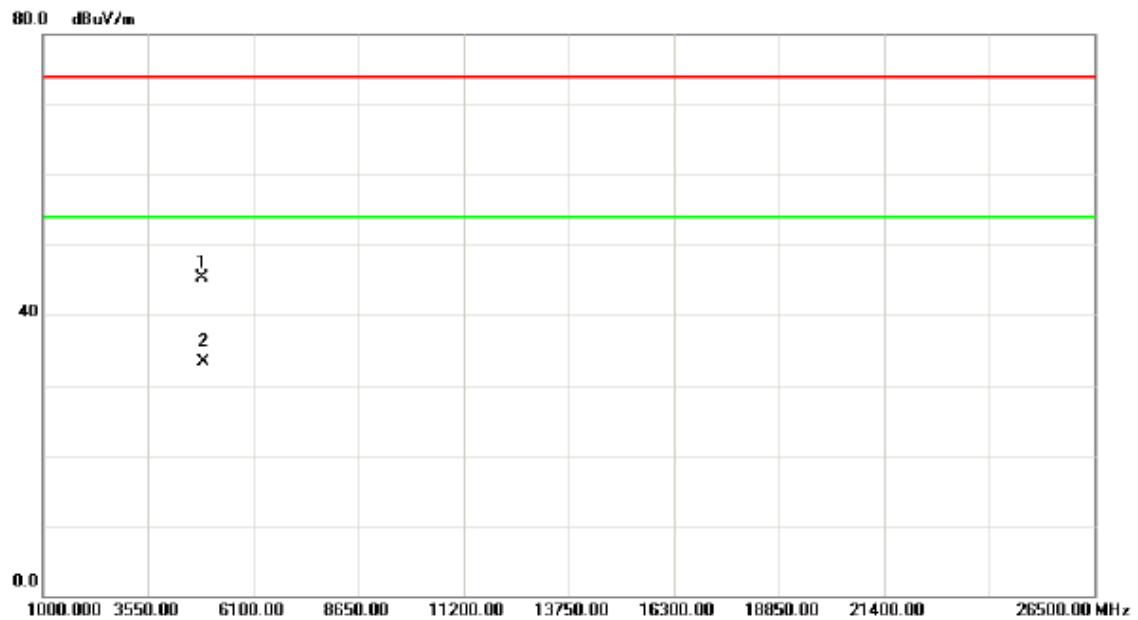
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2429.500	59.24	34.28	93.52	54.00	39.52	AVG	No Limit
2	X	2430.000	67.97	34.28	102.25	74.00	28.25	peak	No Limit

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

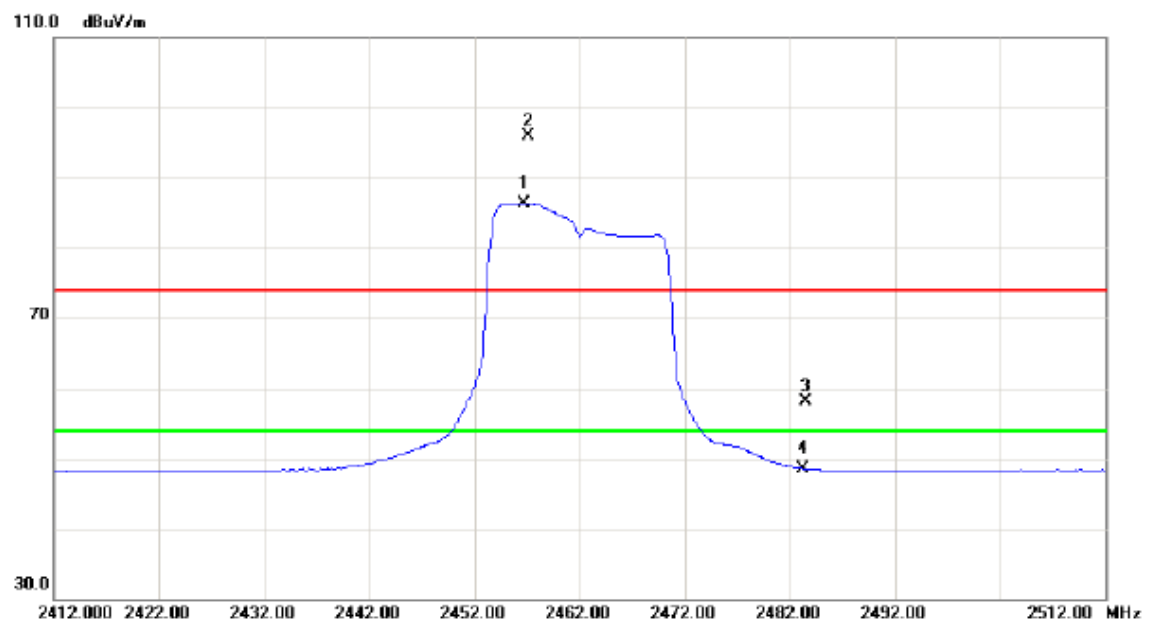
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4872.940	41.55	3.72	45.27	74.00	-28.73	peak	
2	*	4873.920	29.66	3.72	33.38	54.00	-20.62	AVG	

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

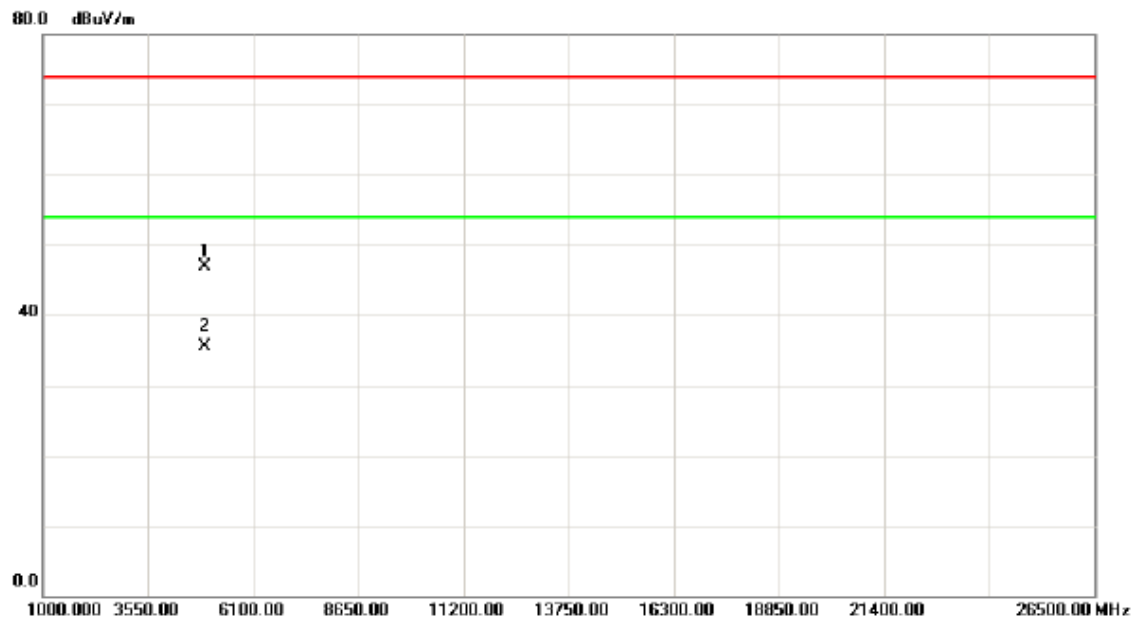
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2456.700	52.00	34.36	86.36	54.00	32.36	AVG	No Limit
2	X	2457.100	61.58	34.36	95.94	74.00	21.94	peak	No Limit
3		2483.500	23.62	34.43	58.05	74.00	-15.95	peak	
4		2483.500	14.11	34.43	48.54	54.00	-5.46	AVG	

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

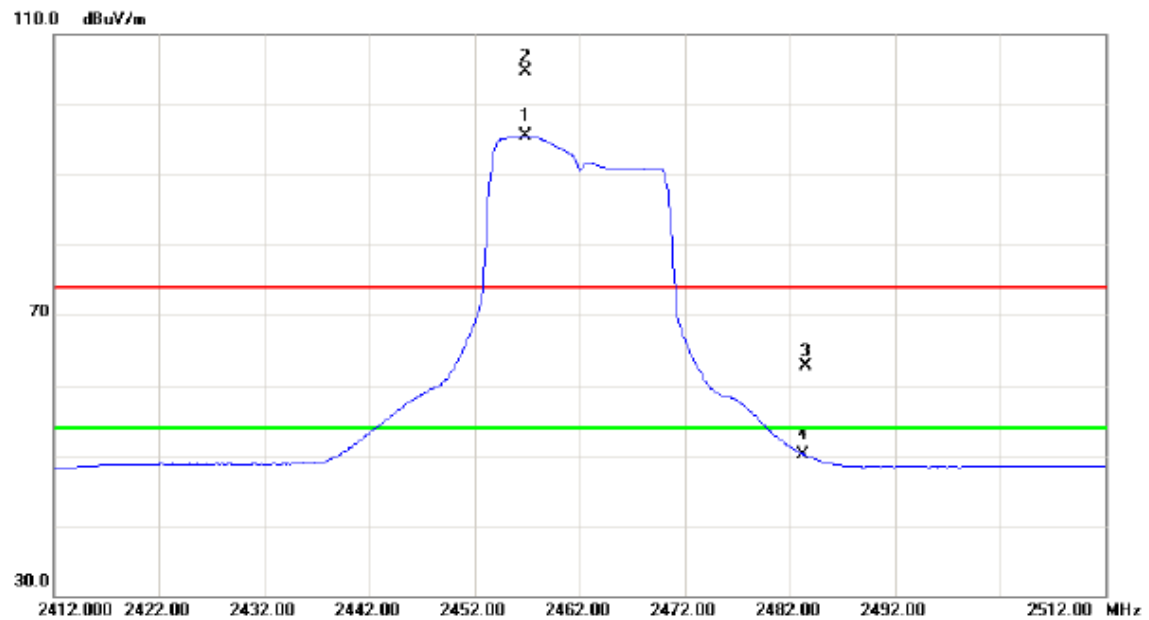
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.300	43.03	3.80	46.83	74.00	-27.17	peak	
2	*	4923.960	31.76	3.80	35.56	54.00	-18.44	AVG	

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

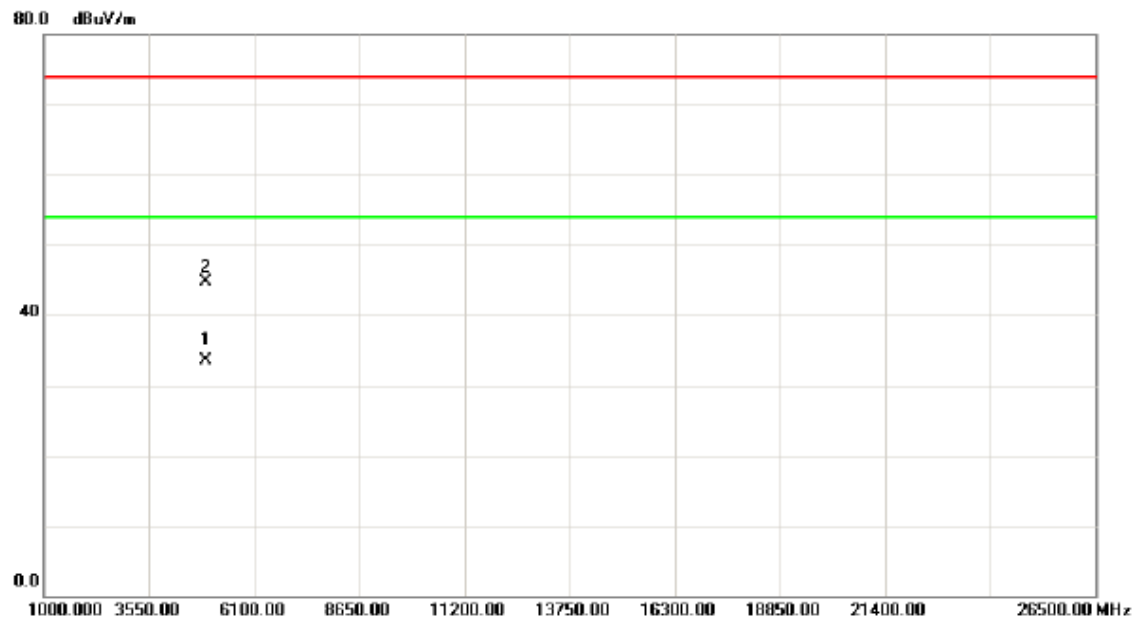
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2456.800	61.10	34.36	95.46	54.00	41.46	AVG	No Limit
2	X	2456.900	70.40	34.36	104.76	74.00	30.76	peak	No Limit
3		2483.500	28.30	34.43	62.73	74.00	-11.27	peak	
4		2483.500	15.62	34.43	50.05	54.00	-3.95	AVG	

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

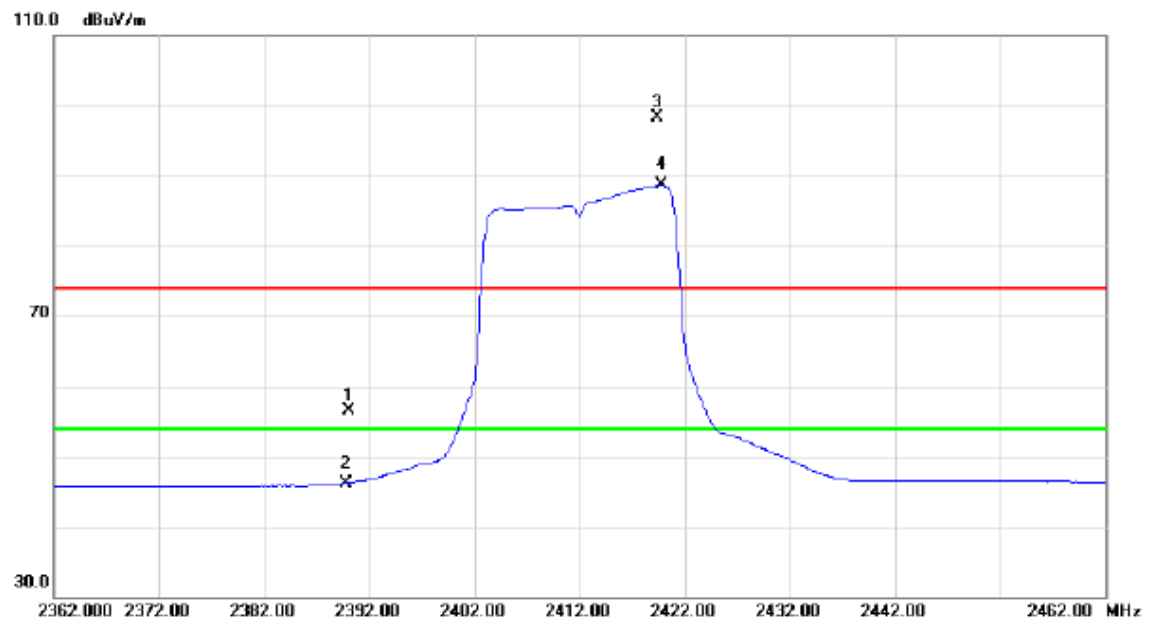
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4924.200	29.78	3.80	33.58	54.00	-20.42	AVG	
2		4925.300	40.94	3.80	44.74	74.00	-29.26	peak	

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

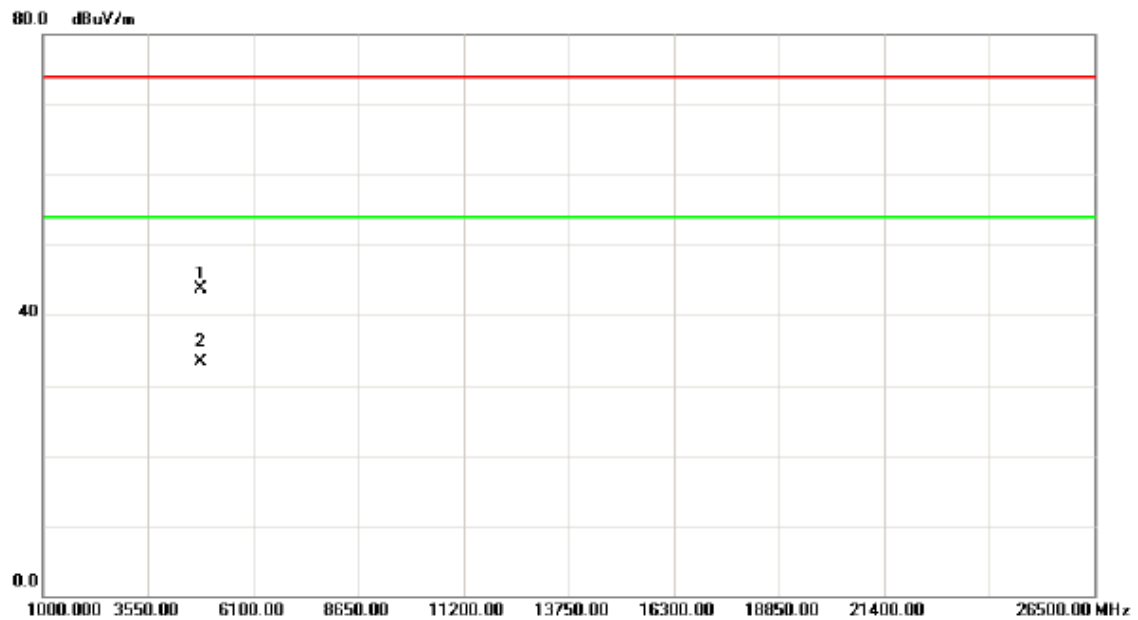
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.61	31.88	56.49	74.00	-17.51	peak	
2		2390.000	14.30	31.88	46.18	54.00	-7.82	AVG	
3	X	2419.400	66.48	31.92	98.40	74.00	24.40	peak	No Limit
4	*	2419.800	56.74	31.92	88.66	54.00	34.66	AVG	No Limit

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

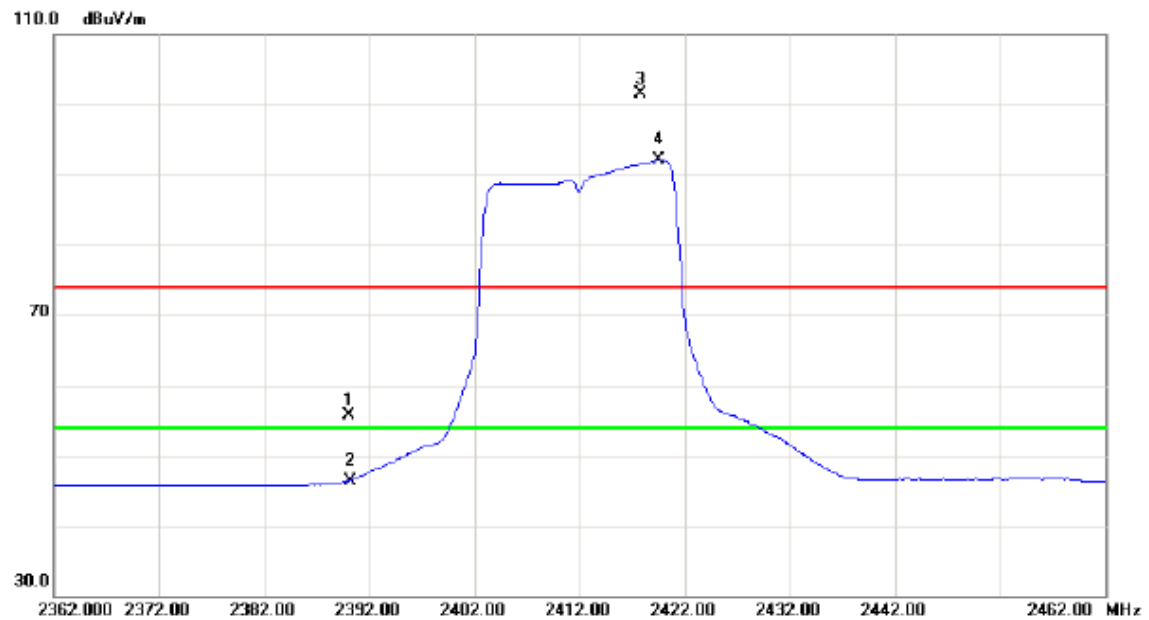
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.960	40.15	3.62	43.77	74.00	-30.23	peak	
2	*	4824.060	29.76	3.62	33.38	54.00	-20.62	AVG	

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

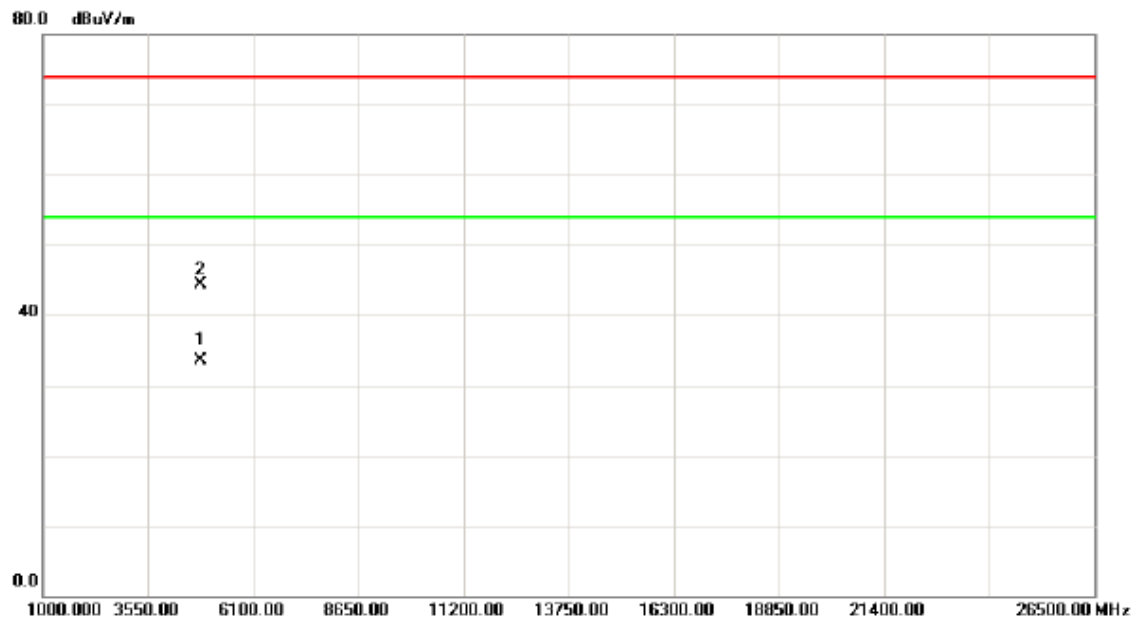
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	23.86	31.88	55.74	74.00	-18.26	peak	
2		2390.000	14.51	31.88	46.39	54.00	-7.61	AVG	
3	X	2417.800	69.50	31.91	101.41	74.00	27.41	peak	No Limit
4	*	2419.500	60.22	31.92	92.14	54.00	38.14	AVG	No Limit

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

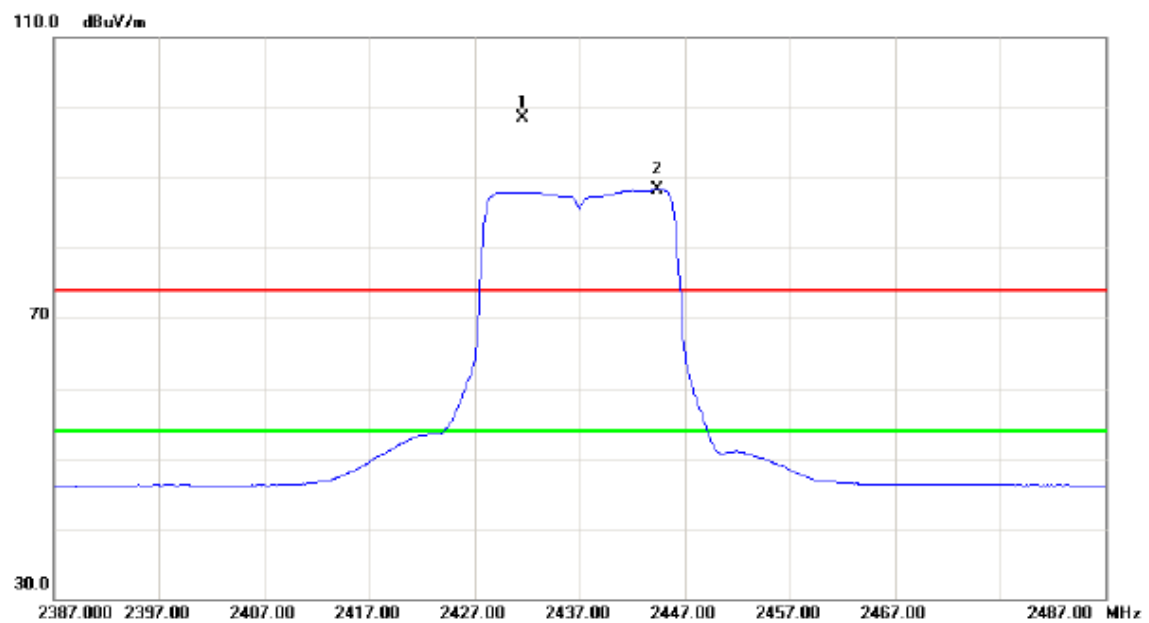
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4823.640	29.89	3.62	33.51	54.00	-20.49	AVG	
2		4823.760	40.73	3.62	44.35	74.00	-29.65	peak	

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

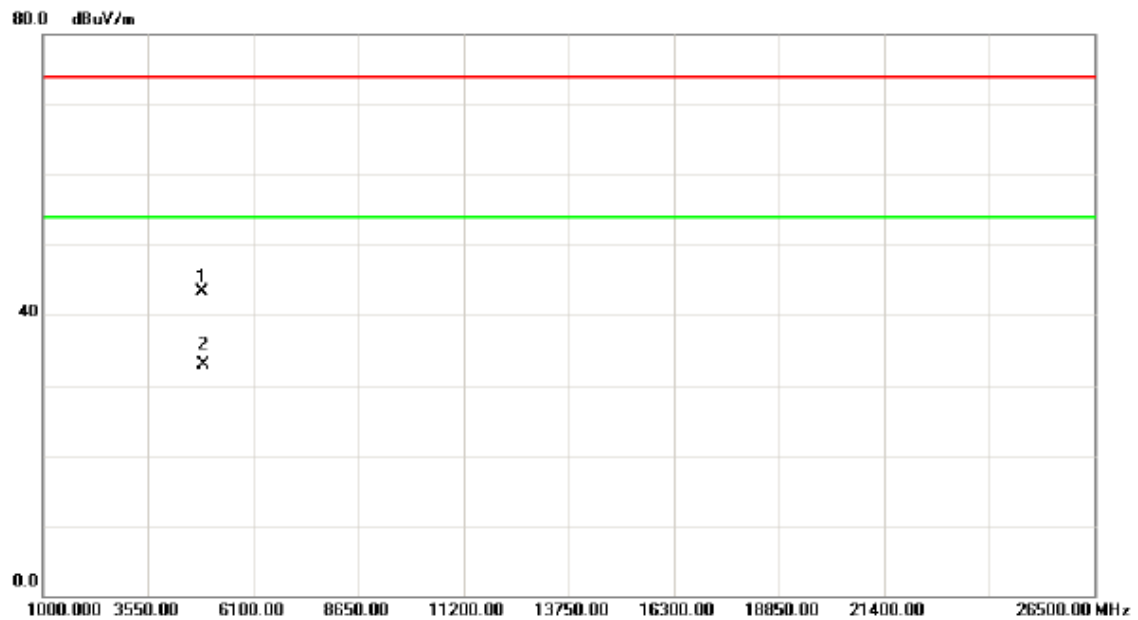
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2431.600	66.50	31.94	98.44	74.00	24.44	peak	No Limit
2	*	2444.400	56.38	31.96	88.34	54.00	34.34	AVG	No Limit

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

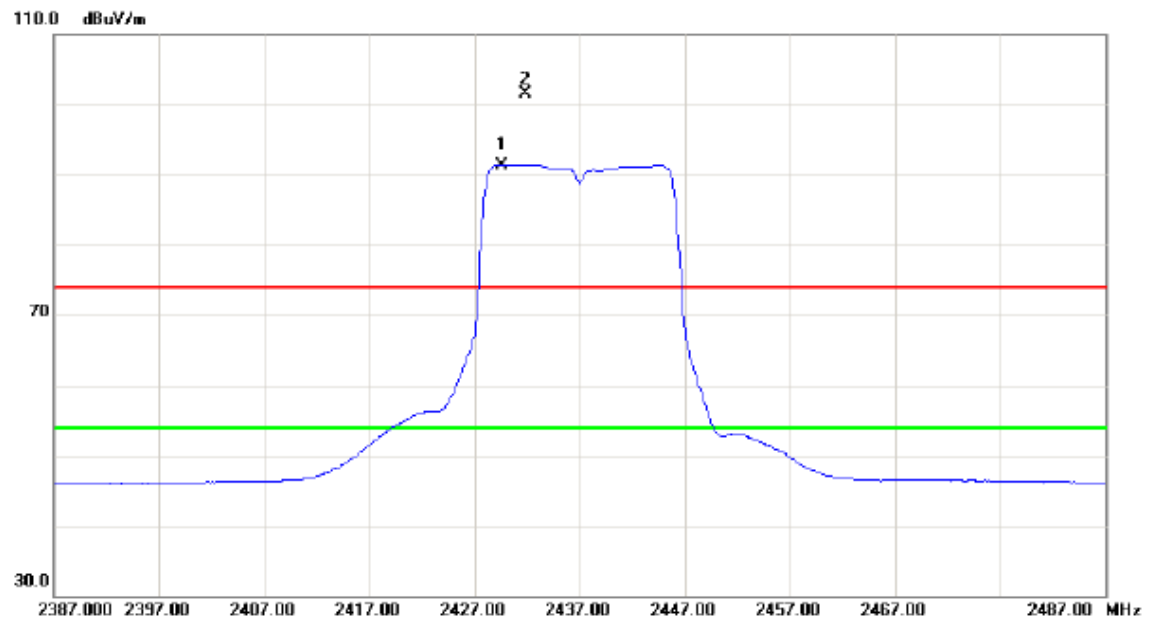
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4873.680	39.65	3.72	43.37	74.00	-30.63	peak	
2	*	4874.960	29.17	3.72	32.89	54.00	-21.11	AVG	

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

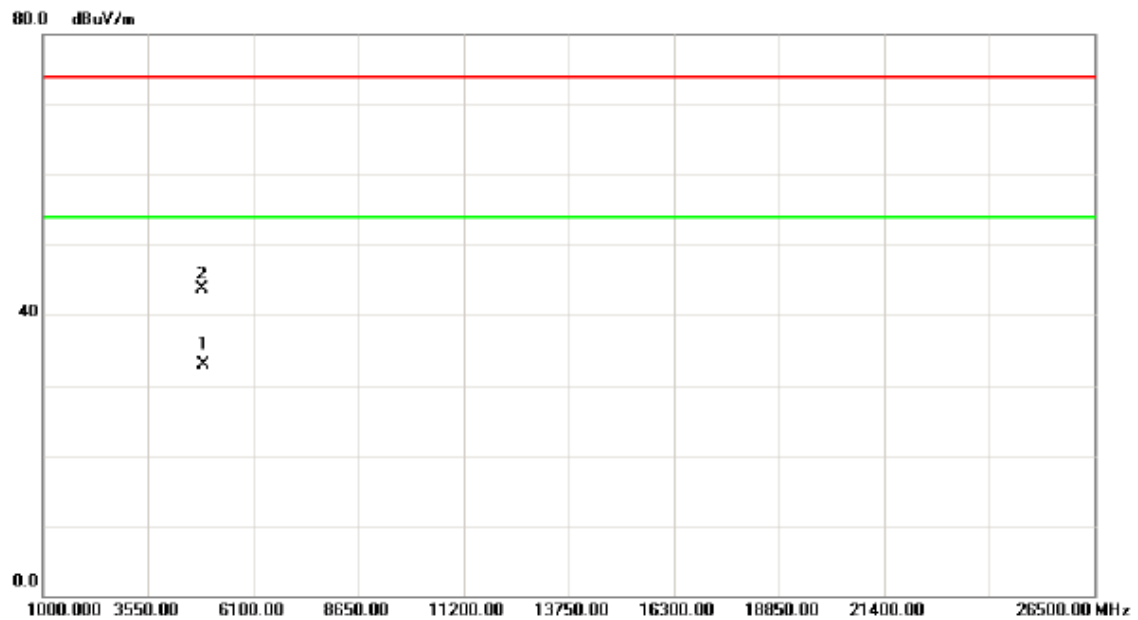
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2429.600	59.46	31.93	91.39	54.00	37.39	AVG	No Limit
2	X	2431.900	69.51	31.94	101.45	74.00	27.45	peak	No Limit

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

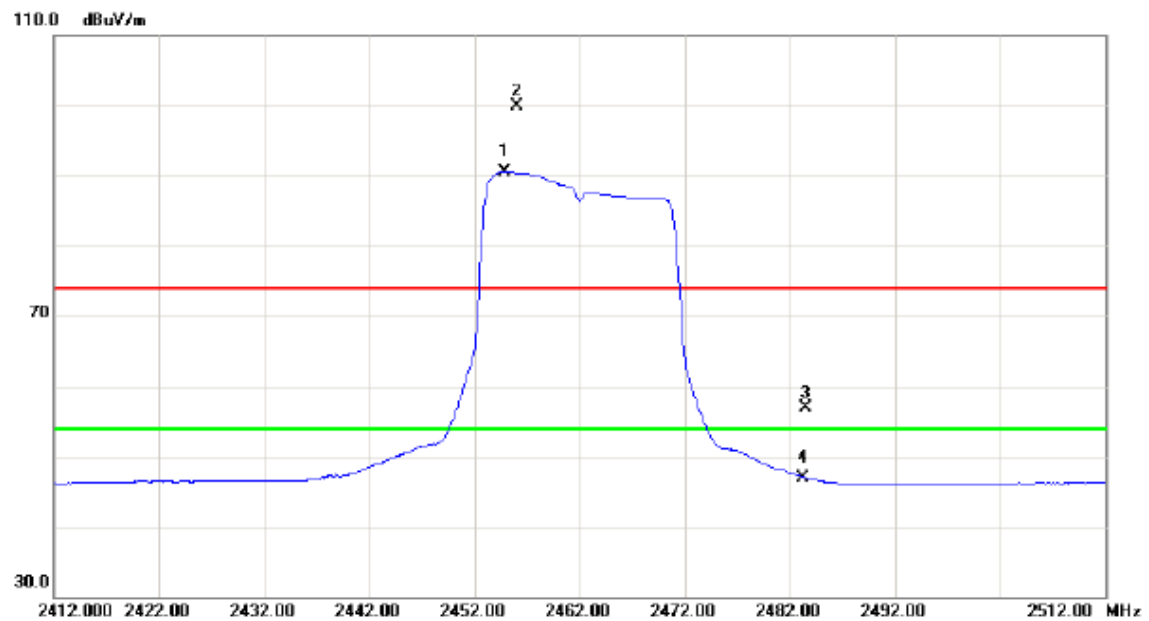
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4874.120	29.25	3.72	32.97	54.00	-21.03	AVG	
2		4875.420	40.07	3.72	43.79	74.00	-30.21	peak	

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

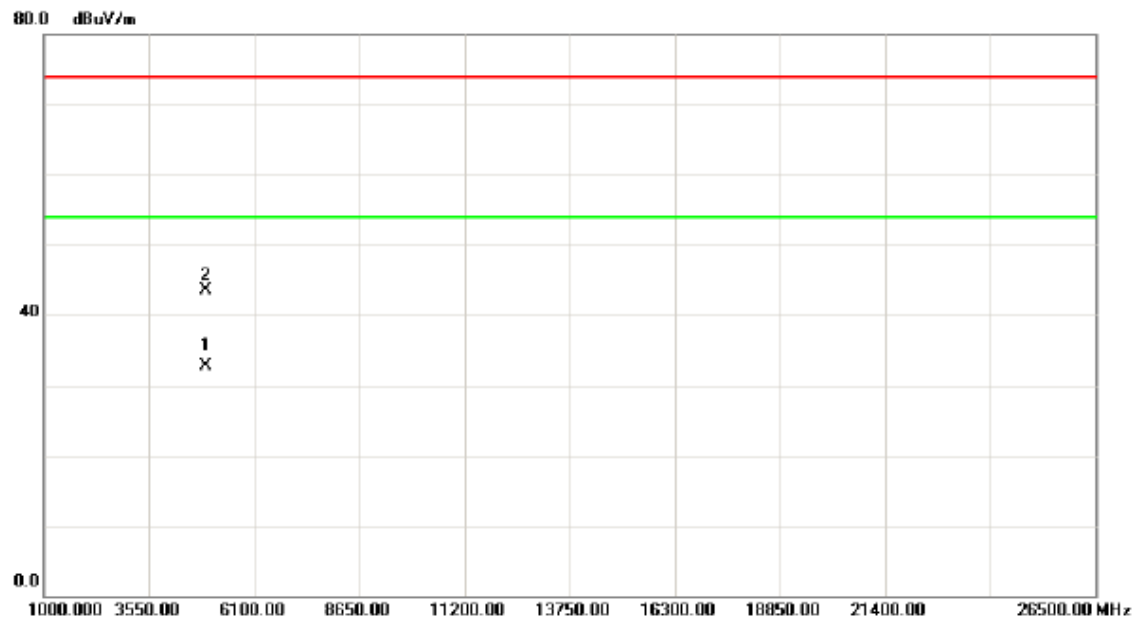
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2454.800	58.53	31.96	90.49	54.00	36.49	AVG	No Limit
2	X	2456.100	67.86	31.96	99.82	74.00	25.82	peak	No Limit
3		2483.500	24.80	32.01	56.81	74.00	-17.19	peak	
4		2483.500	14.94	32.01	46.95	54.00	-7.05	AVG	

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

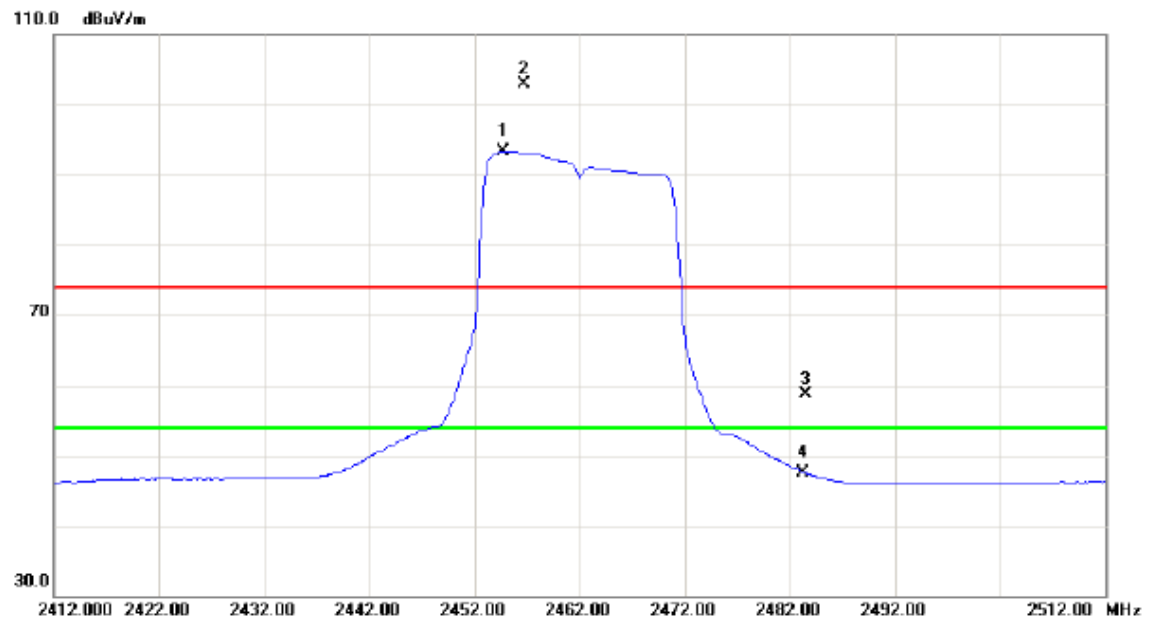
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4924.040	28.97	3.80	32.77	54.00	-21.23	AVG	
2		4925.220	39.70	3.80	43.50	74.00	-30.50	peak	

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

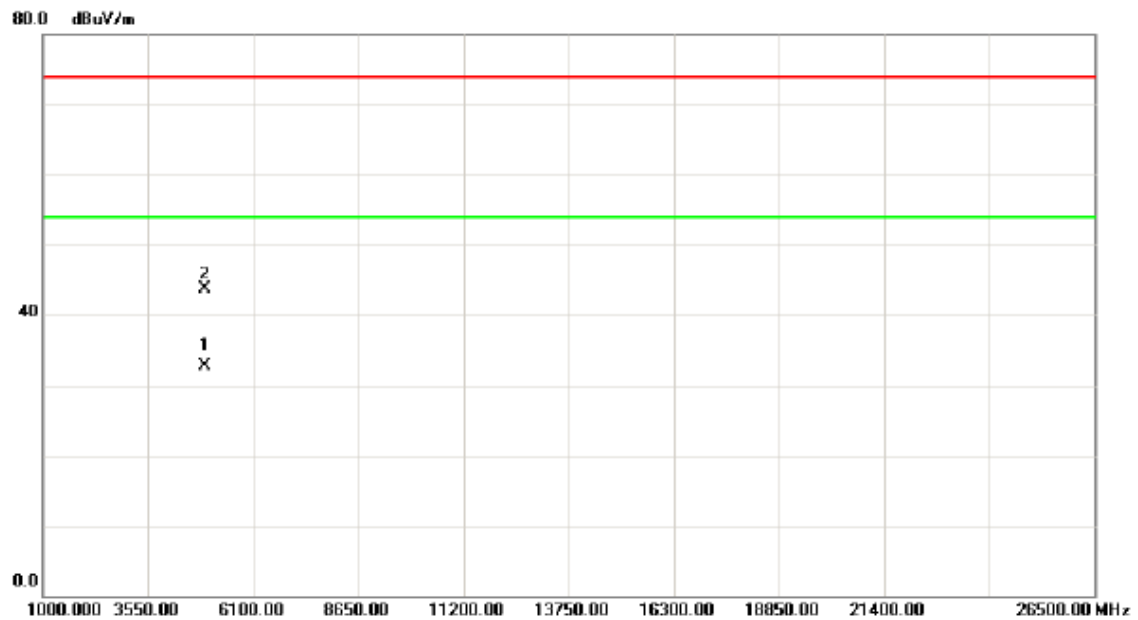
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2454.700	61.35	31.96	93.31	54.00	39.31	AVG	No Limit
2	X	2456.700	70.89	31.97	102.86	74.00	28.86	peak	No Limit
3		2483.500	26.60	32.01	58.61	74.00	-15.39	peak	
4		2483.500	15.54	32.01	47.55	54.00	-6.45	AVG	

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

Horizontal



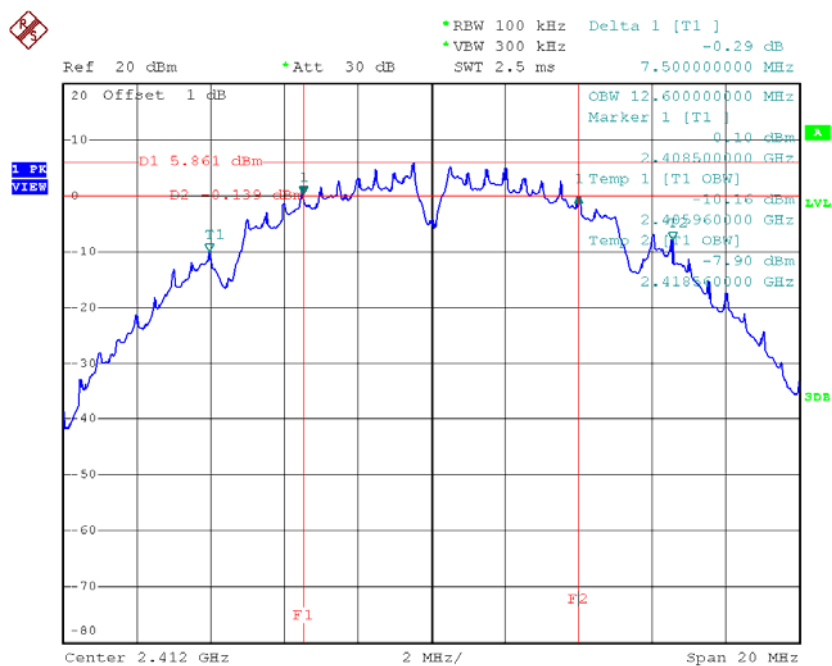
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4923.840	28.91	3.80	32.71	54.00	-21.29	AVG	
2		4924.540	39.91	3.80	43.71	74.00	-30.29	peak	

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

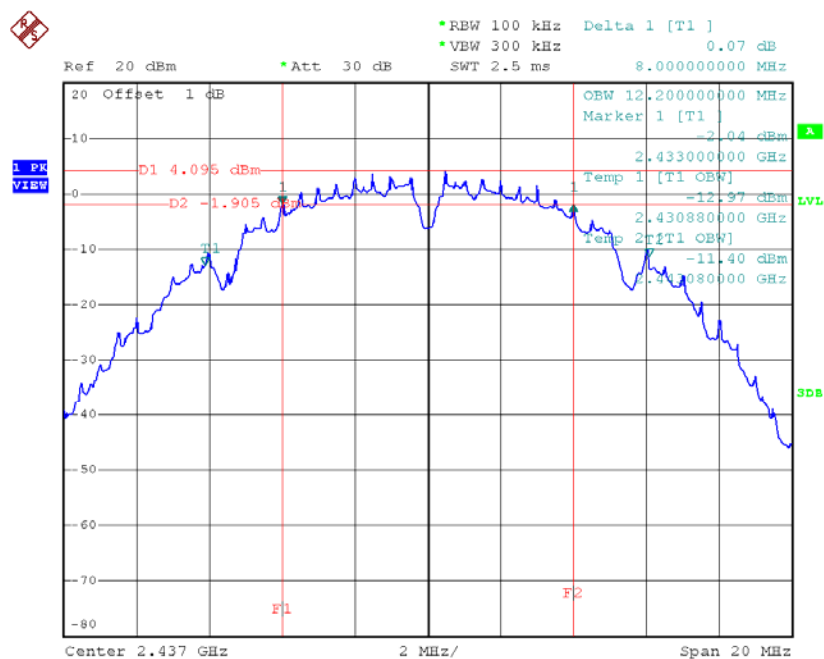
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	7.50	12.60	500	Complies
2437	8.00	12.20	500	Complies
2462	7.61	11.76	500	Complies

TX CH01



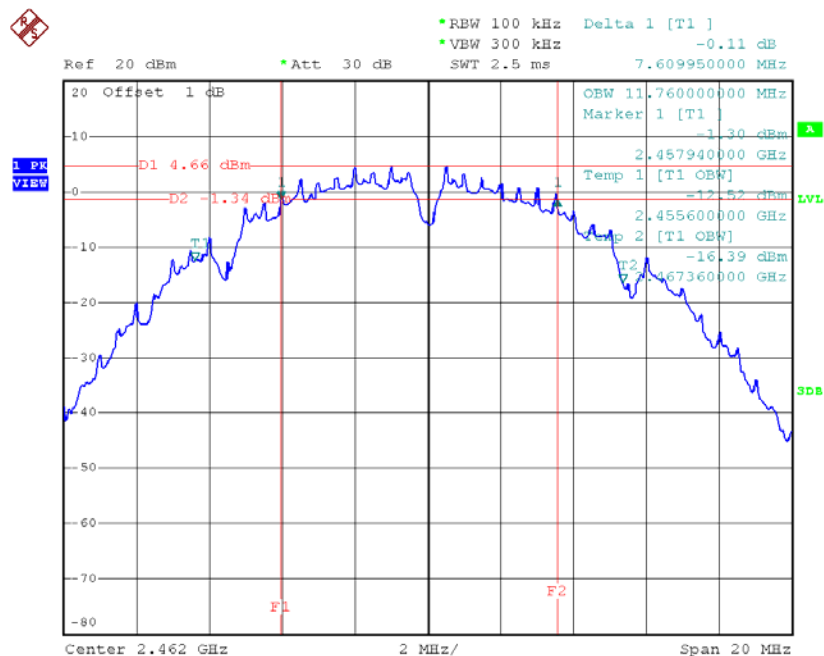
Date: 21.APR.2015 10:31:34

TX CH06



Date: 21.APR.2015 10:33:08

TX CH11

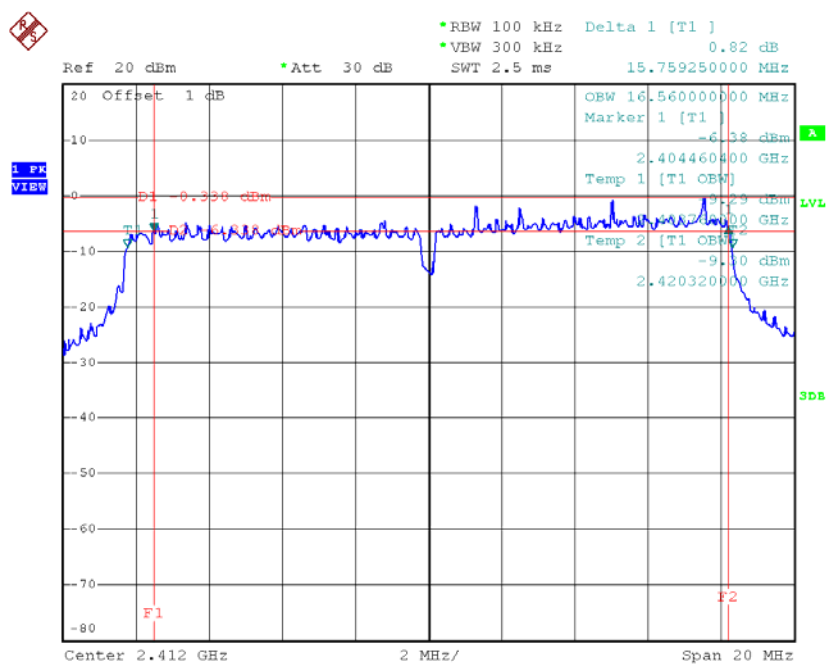


Date: 21.APR.2015 10:34:35

Test Mode: TX G Mode_CH01/06/11

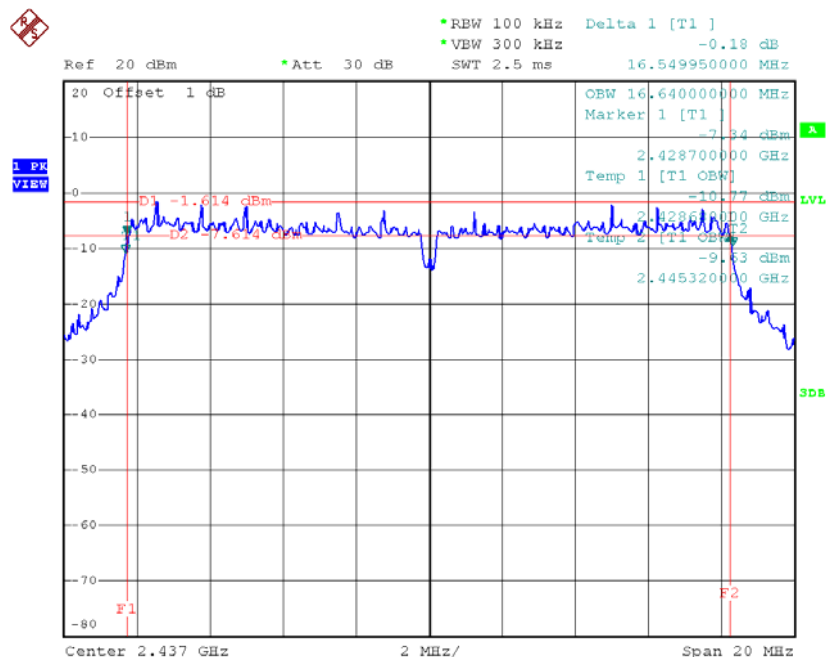
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	15.76	16.56	500	Complies
2437	16.55	16.64	500	Complies
2462	14.57	16.52	500	Complies

TX CH01



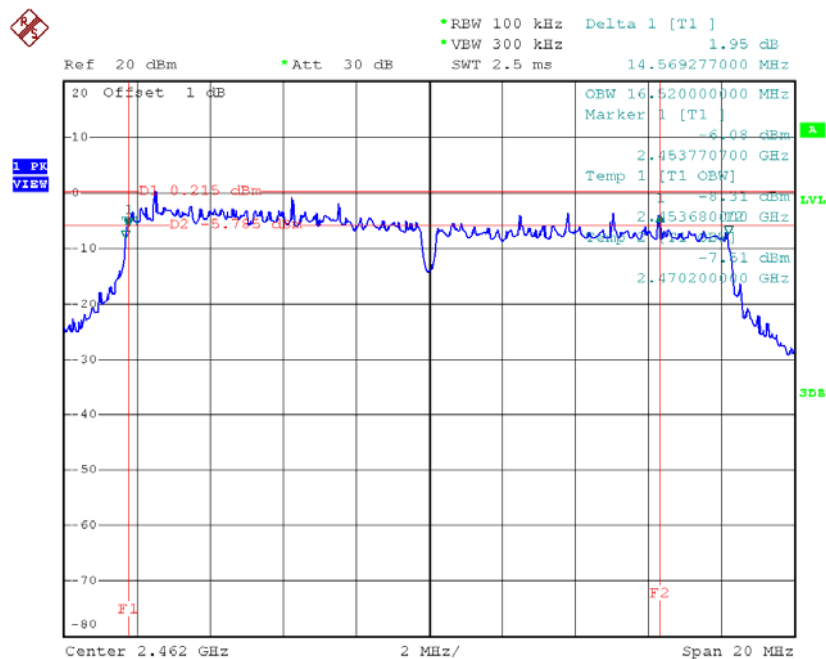
Date: 21.APR.2015 10:36:04

TX CH06



Date: 21.APR.2015 10:37:20

TX CH11

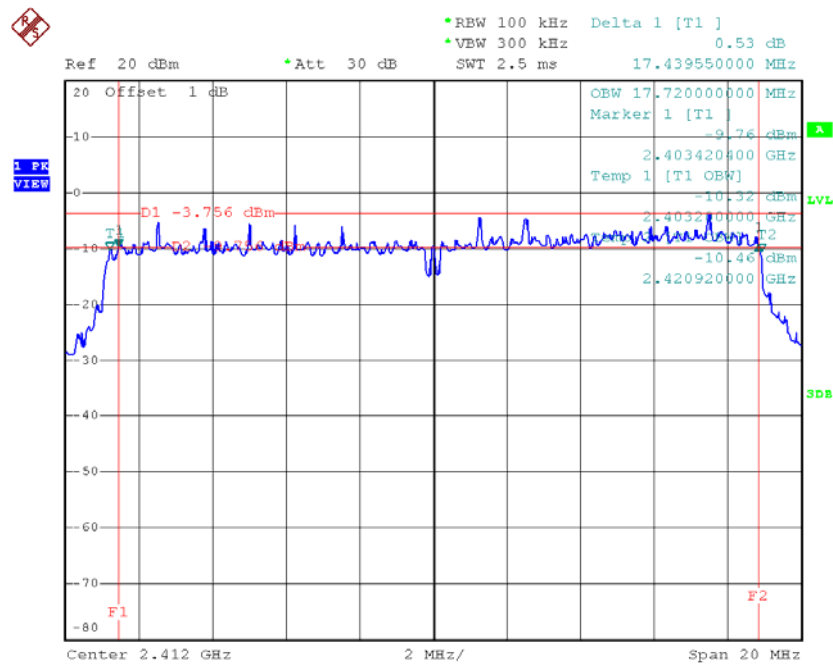


Date: 21.APR.2015 10:38:43

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

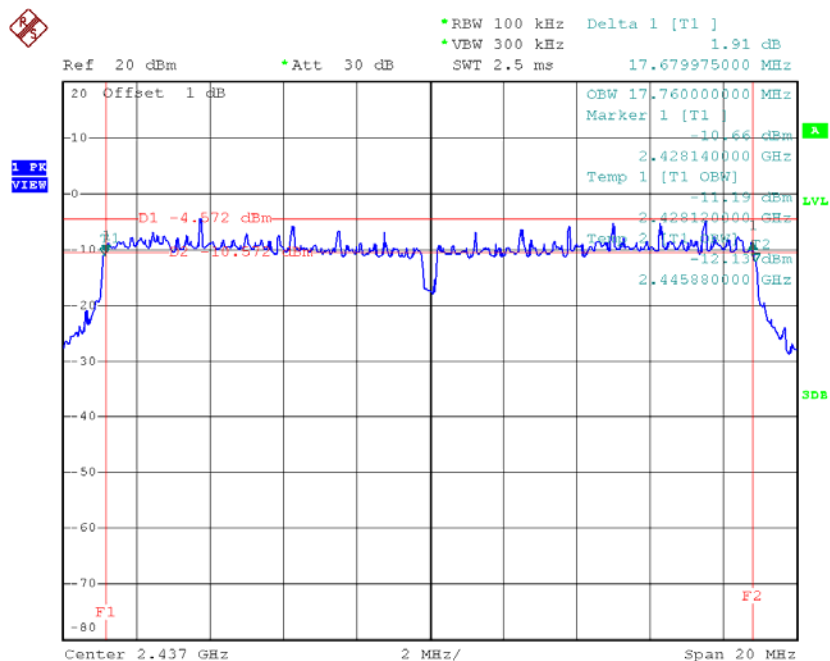
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.44	17.72	500	Complies
2437	17.68	17.76	500	Complies
2462	16.40	17.72	500	Complies

TX CH01



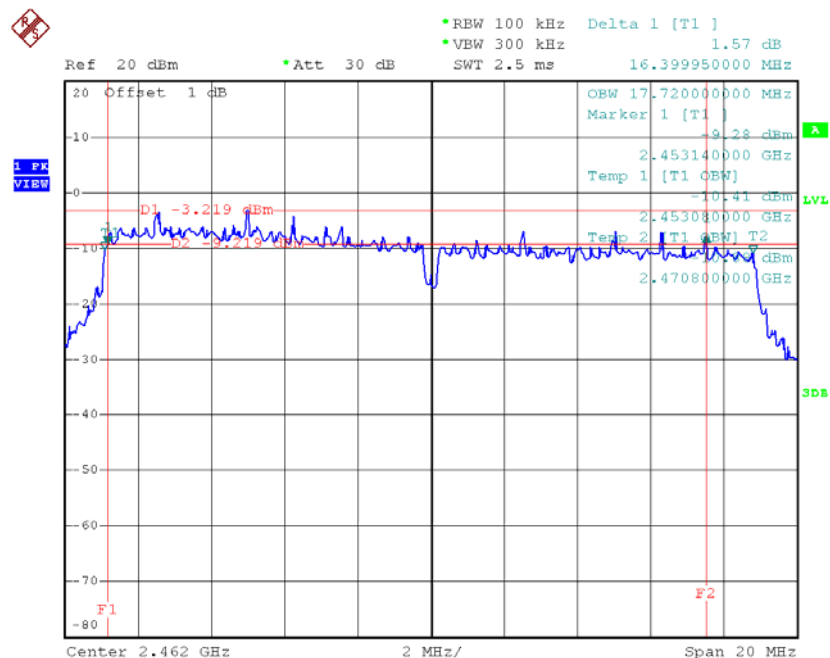
Date: 21.APR.2015 10:40:07

TX CH06



Date: 21.APR.2015 10:41:27

TX CH11



Date: 21.APR.2015 10:42:42

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	14.89	0.03	30.00	1.00	Complies
2437	14.42	0.03	30.00	1.00	Complies
2462	14.31	0.03	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	11.34	0.01	30.00	1.00	Complies
2437	11.56	0.01	30.00	1.00	Complies
2462	11.23	0.01	30.00	1.00	Complies

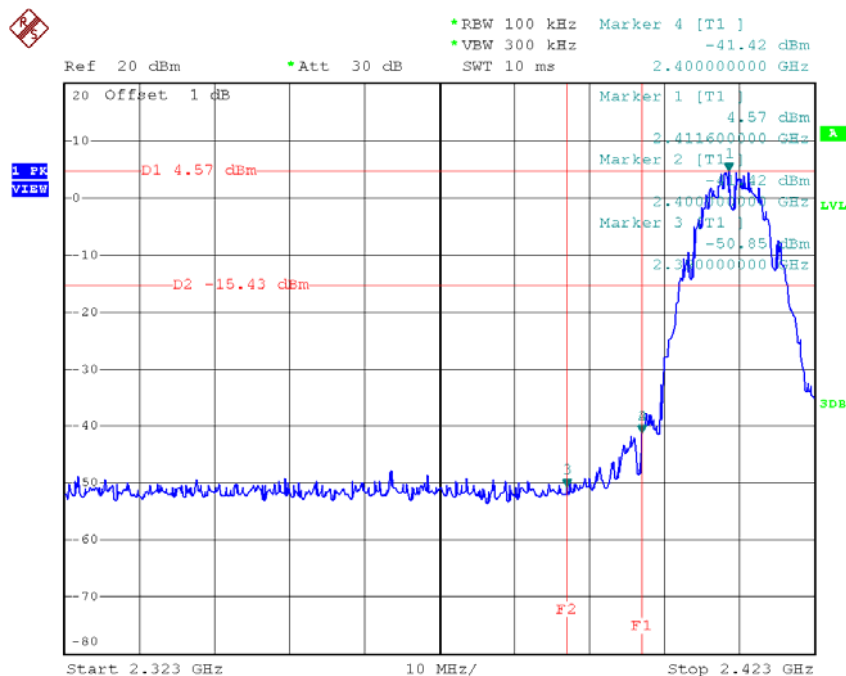
Test Mode :TX N20 Mode_CH01/06/11

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	8.65	0.01	30.00	1.00	Complies
2437	8.72	0.01	30.00	1.00	Complies
2462	8.48	0.01	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

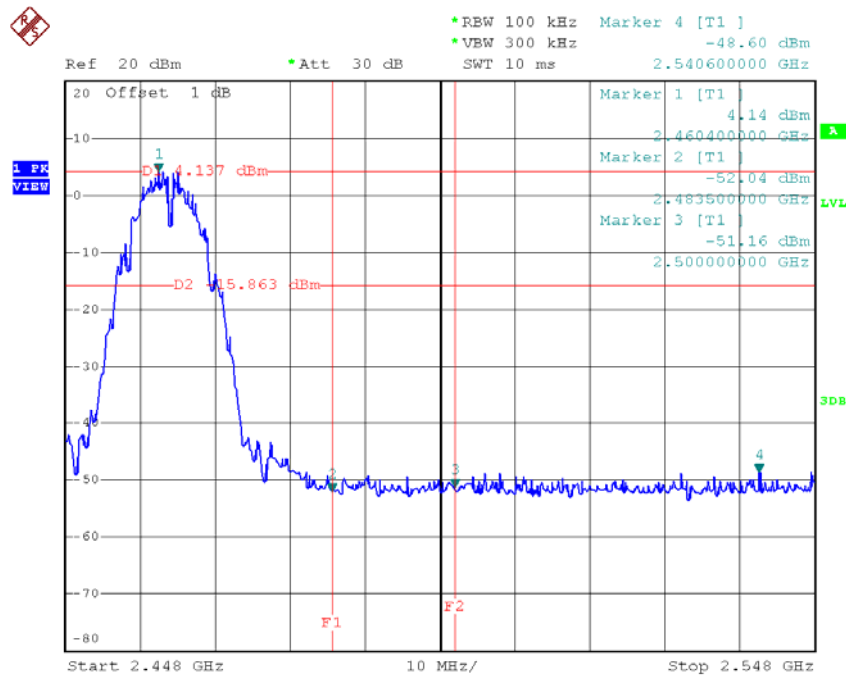
Test Mode : TX B Mode

TX B mode CH01



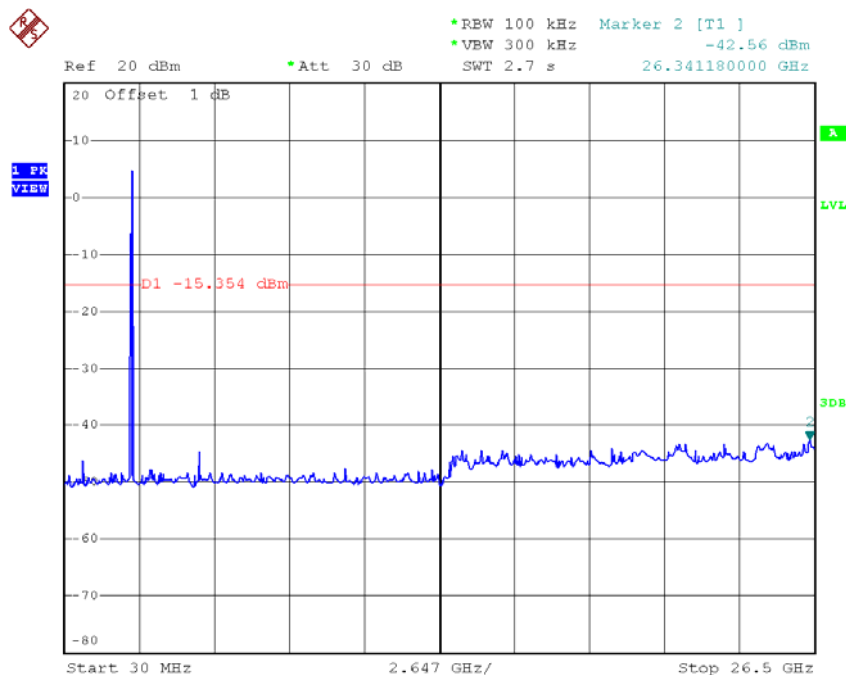
Date: 21.APR.2015 10:31:56

TX B mode CH11



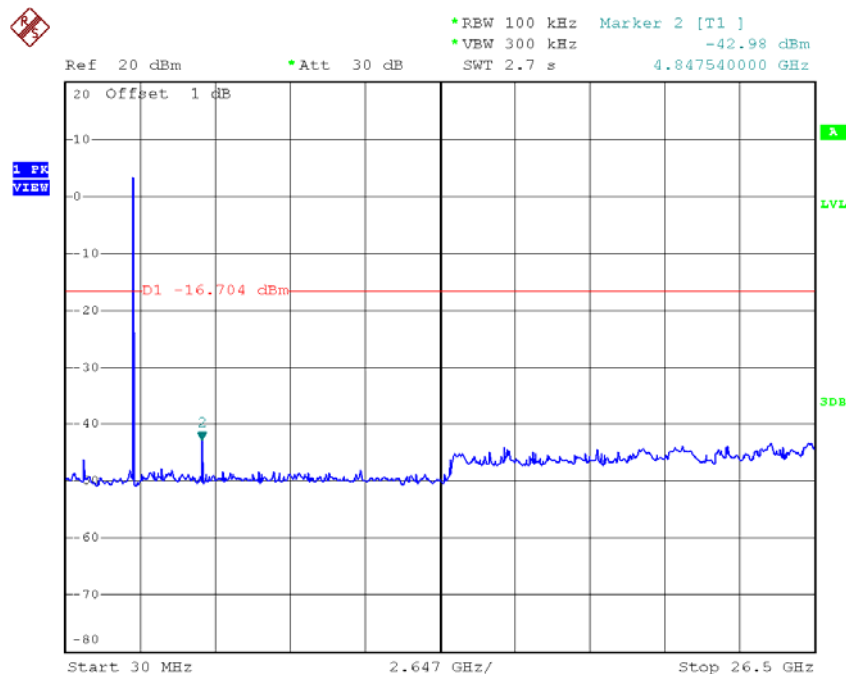
Date: 21.APR.2015 10:34:56

TX B mode CH01 (10 Harmonic of the frequency)



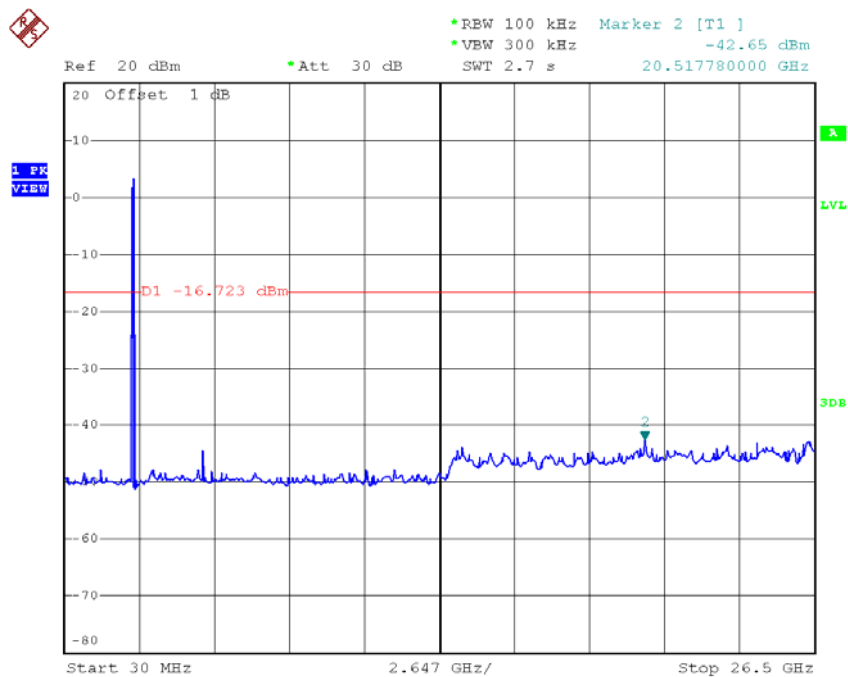
Date: 20.MAY.2015 04:49:48

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 04:59:25

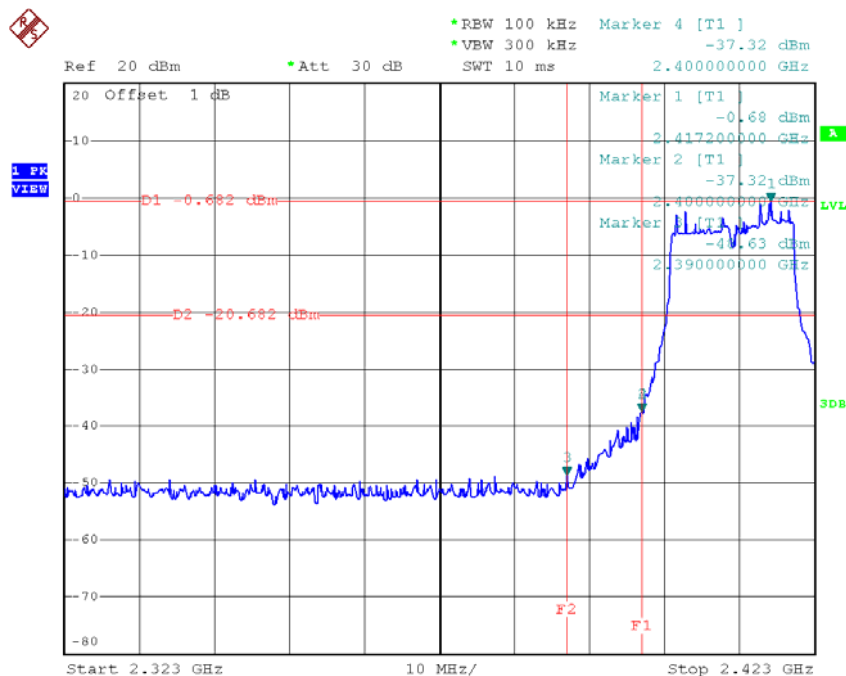
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 05:01:06

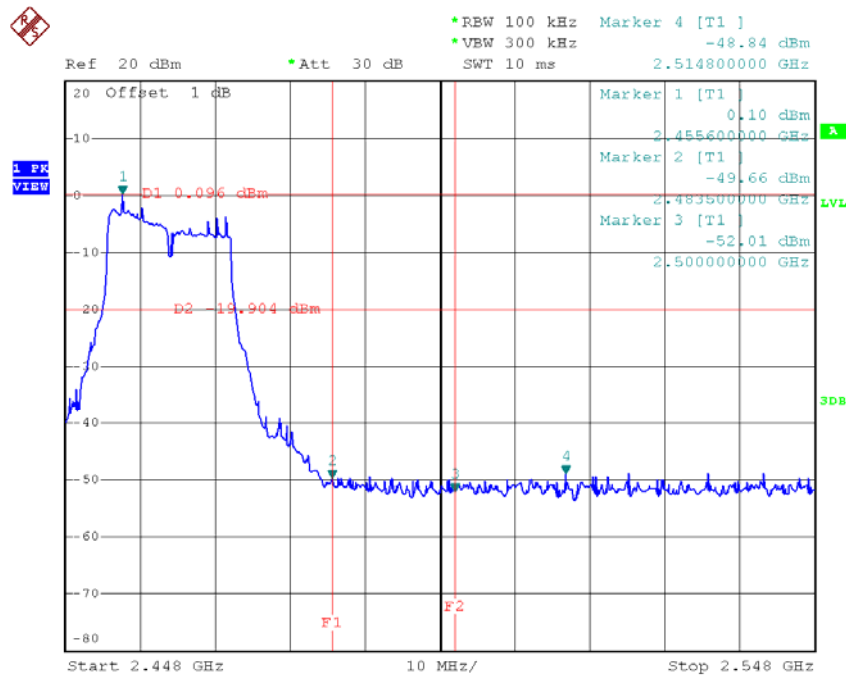
Test Mode : TX G Mode

TX G mode CH01



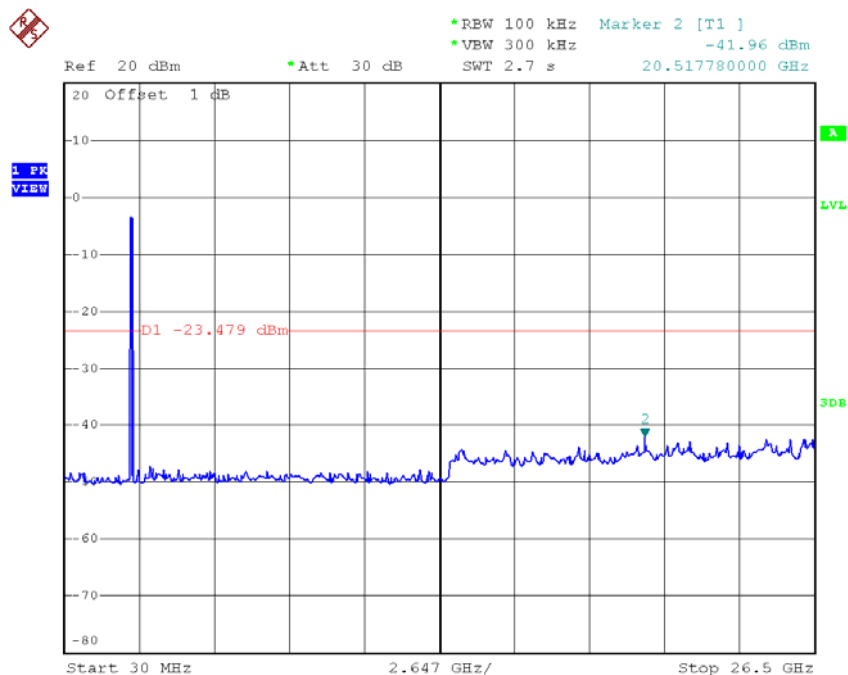
Date: 21.APR.2015 10:36:26

TX G mode CH11



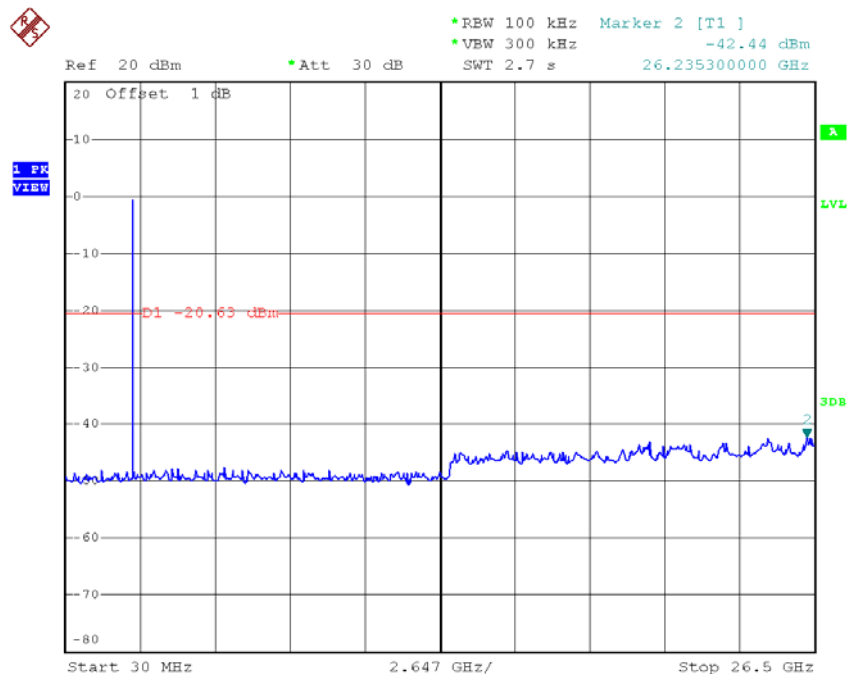
Date: 21.APR.2015 10:39:04

TX G mode CH01 (10 Harmonic of the frequency)



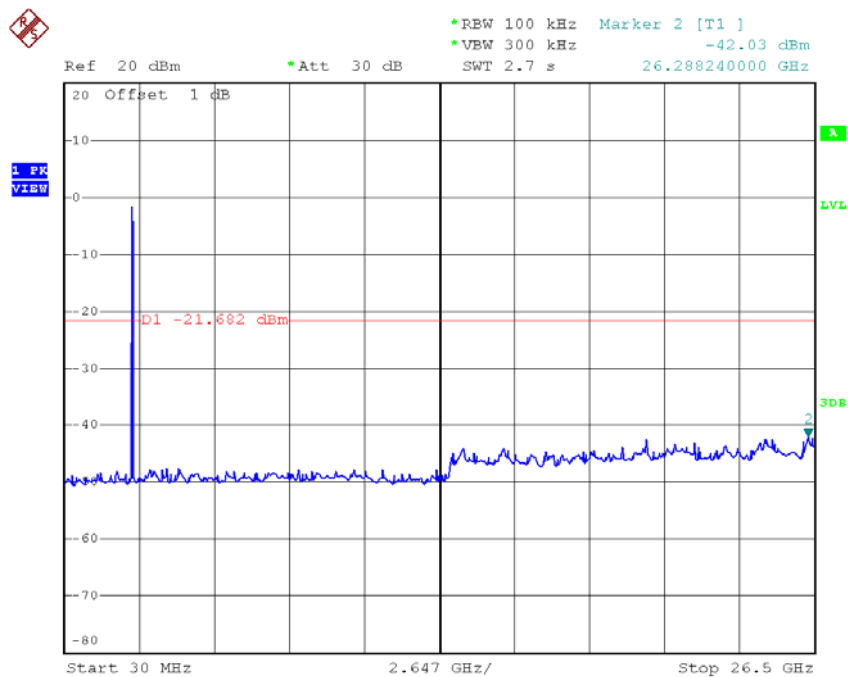
Date: 20.MAY.2015 05:05:43

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 05:03:48

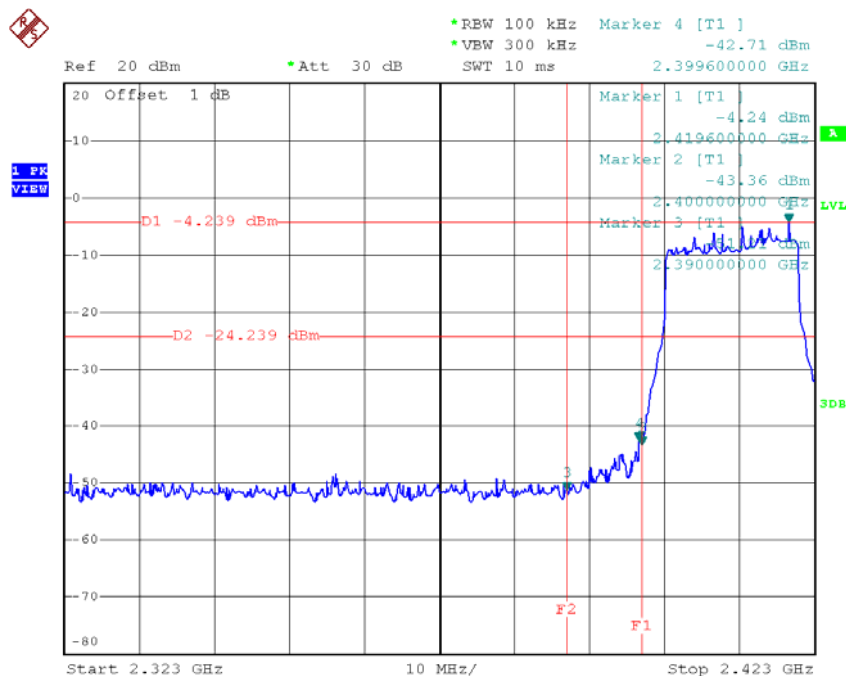
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 05:08:06

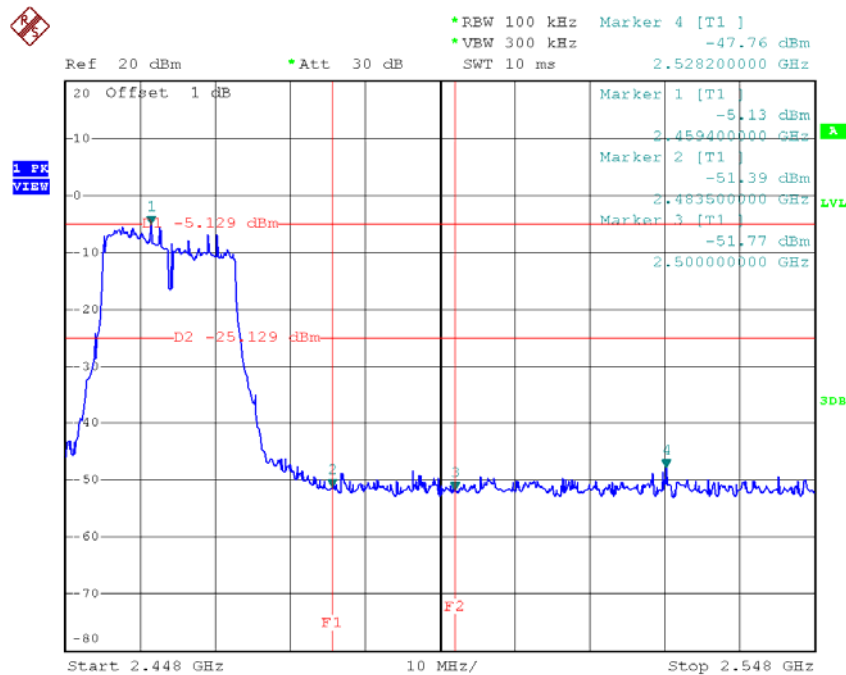
Test Mode : TX N-20M Mode

TX HT20 mode CH01



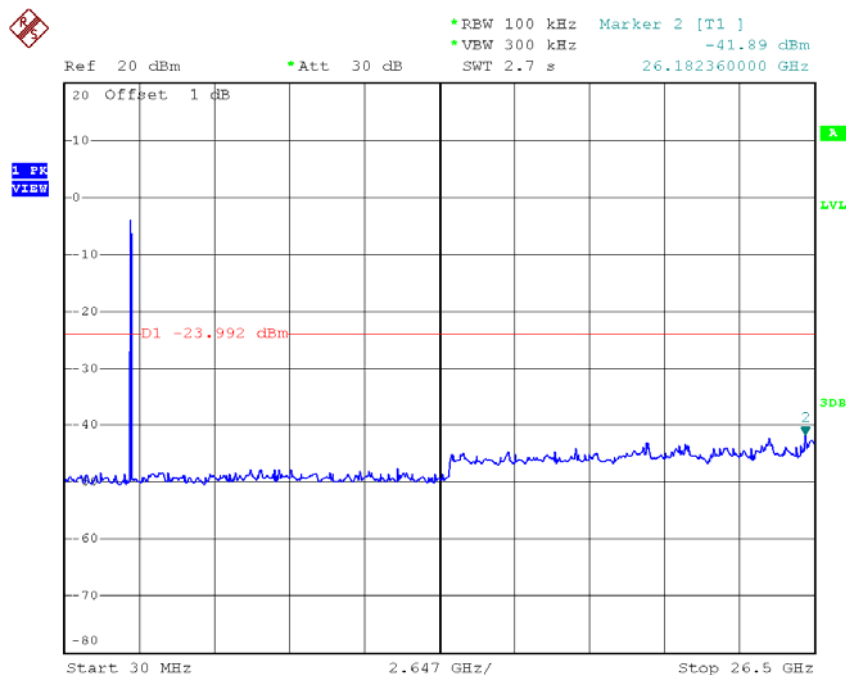
Date: 21.APR.2015 10:40:29

TX HT20 mode CH11



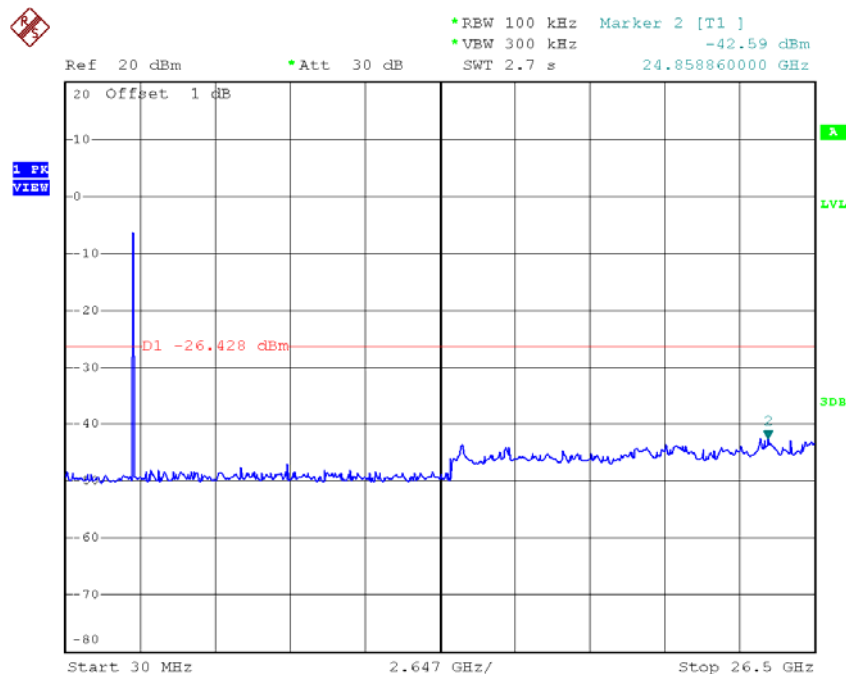
Date: 21.APR.2015 10:43:03

TX HT20 mode CH01 (10 Harmonic of the frequency)



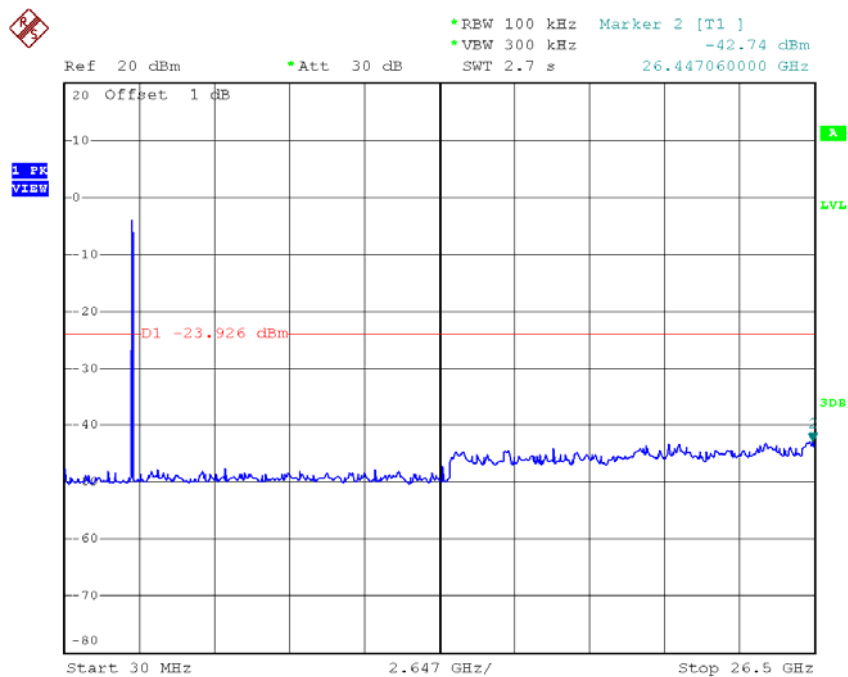
Date: 20.MAY.2015 05:09:37

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 05:11:42

TX HT20 mode CH11 (10 Harmonic of the frequency)



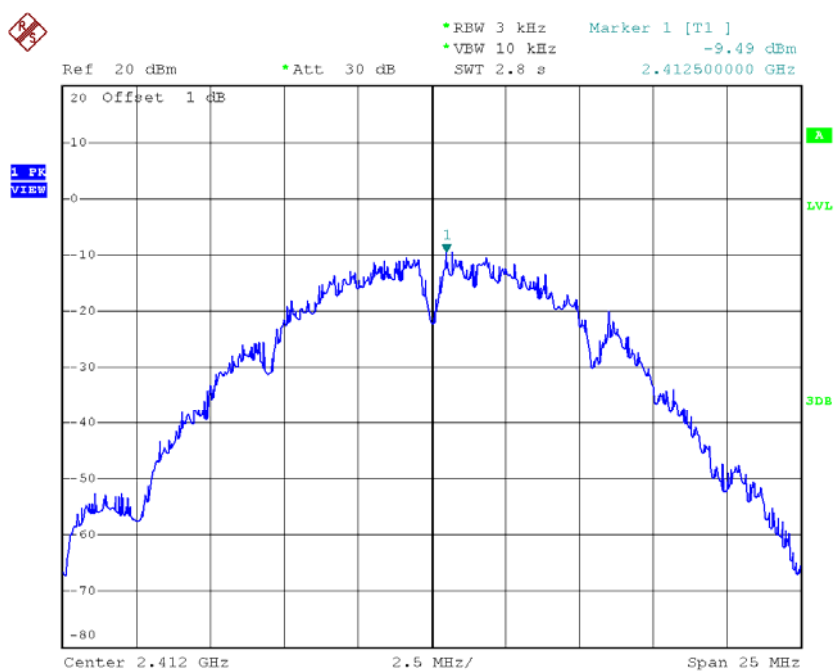
Date: 20.MAY.2015 05:13:21

ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11

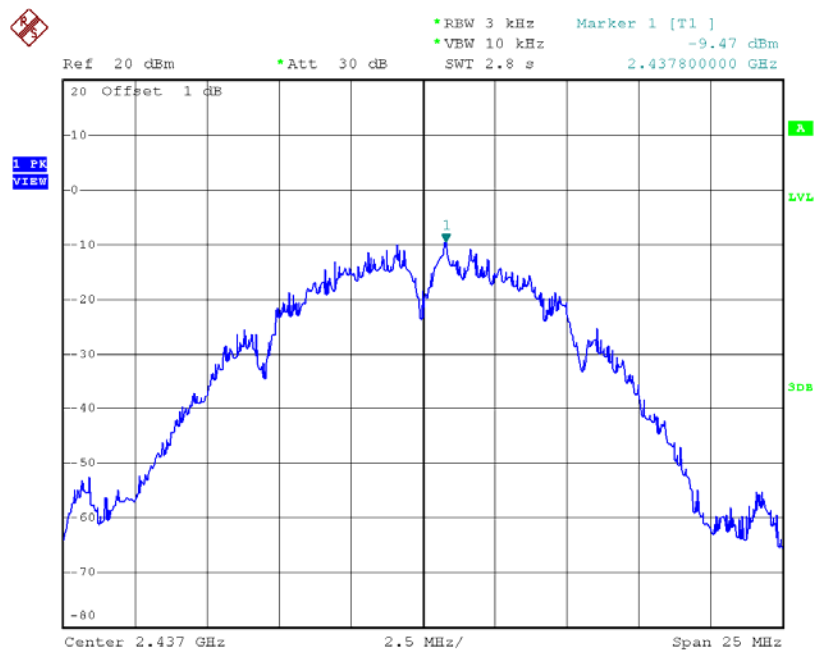
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.49	0.11	8.00	Complies
2437	-9.47	0.11	8.00	Complies
2462	-10.16	0.10	8.00	Complies

TX CH01



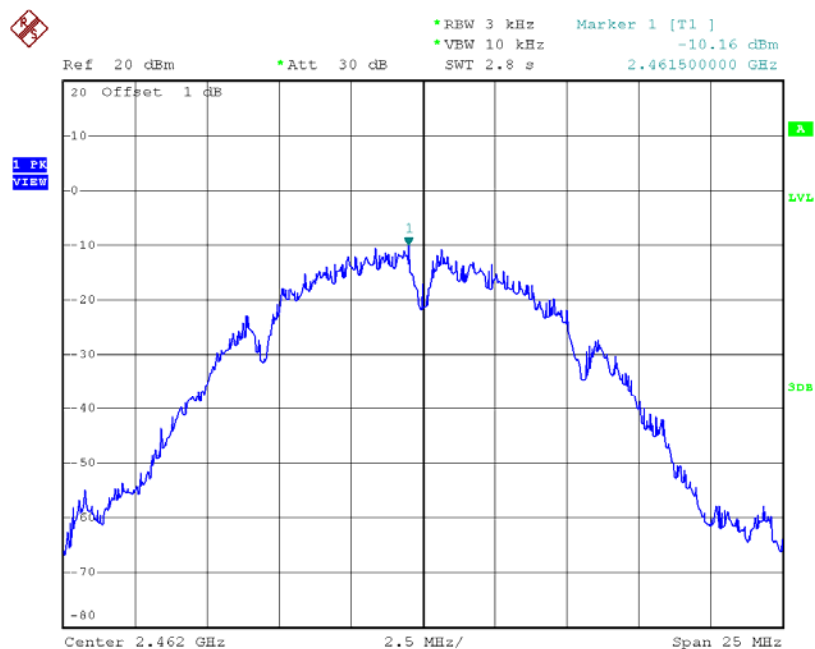
Date: 21.APR.2015 10:32:05

TX CH06



Date: 21.APR.2015 10:33:31

TX CH11

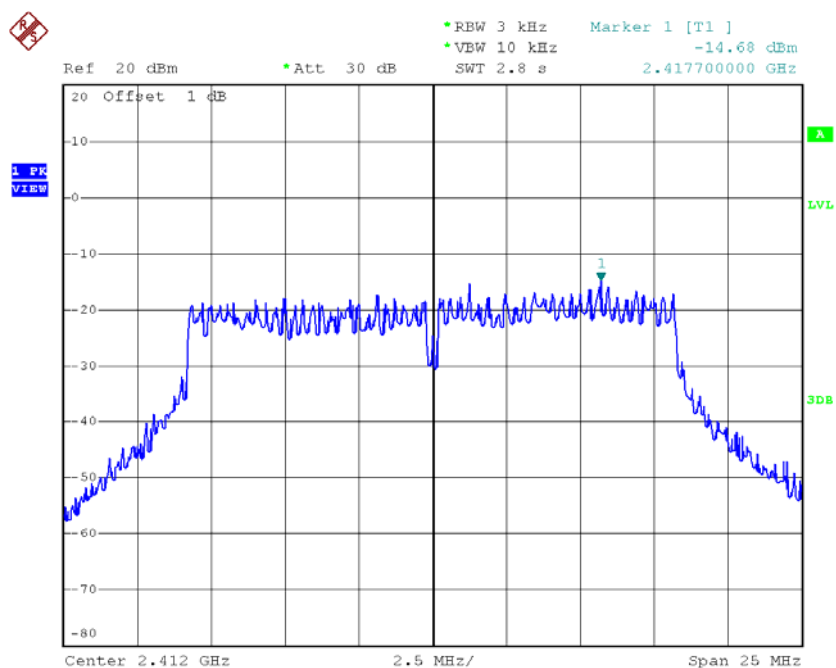


Date: 21.APR.2015 10:35:05

Test Mode :TX G Mode_CH01/06/11

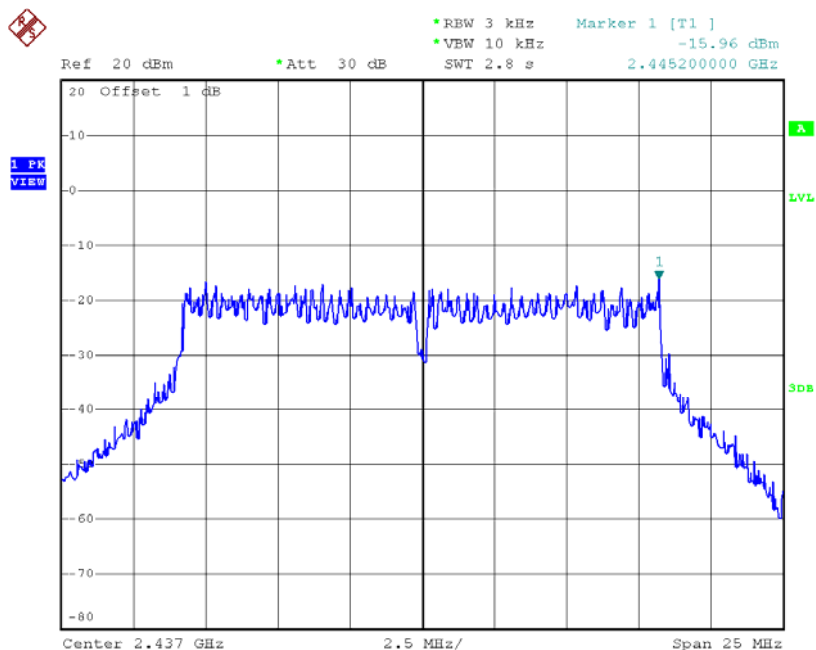
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.68	0.03	8.00	Complies
2437	-15.96	0.03	8.00	Complies
2462	-15.27	0.03	8.00	Complies

TX CH01



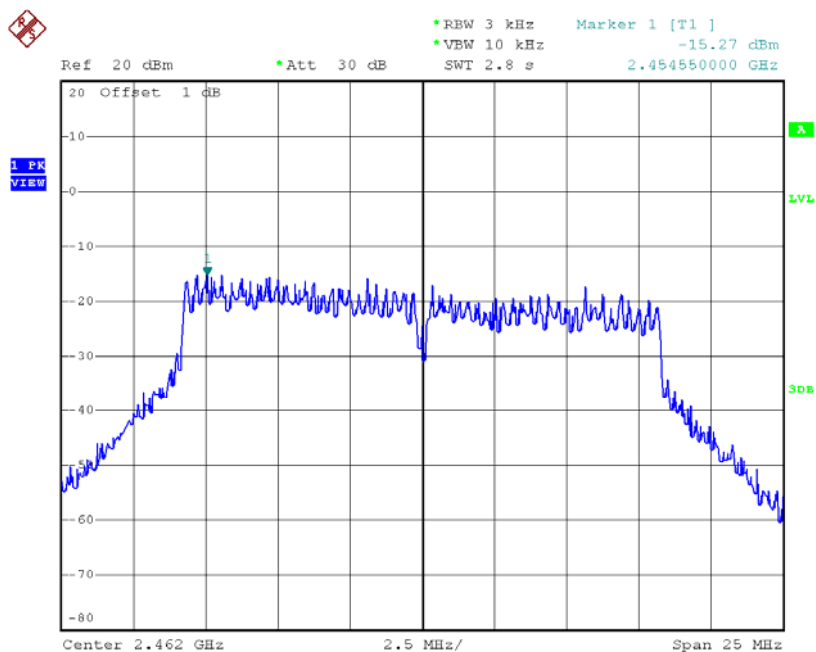
Date: 21.APR.2015 10:36:35

TX CH06



Date: 21.APR.2015 10:37:44

TX CH11

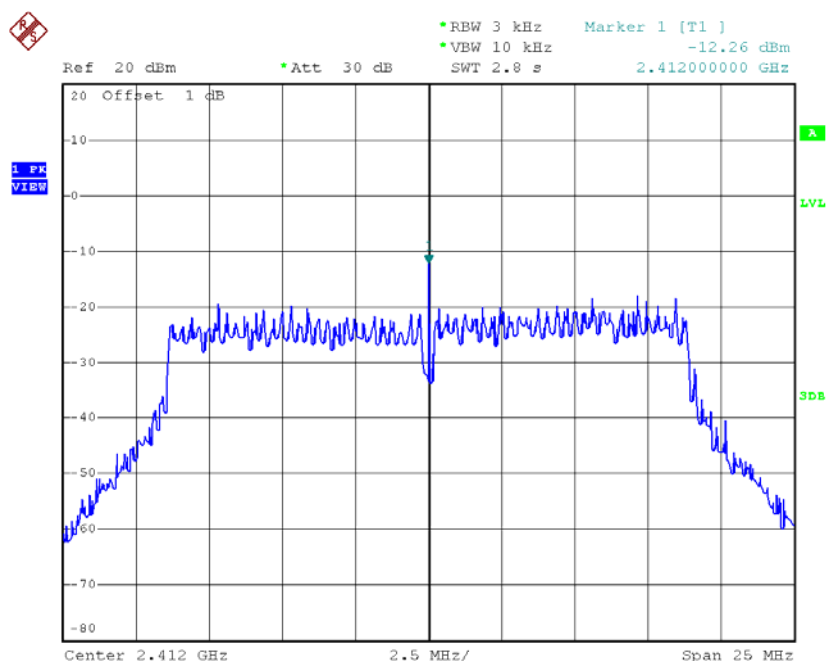


Date: 21.APR.2015 10:39:13

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

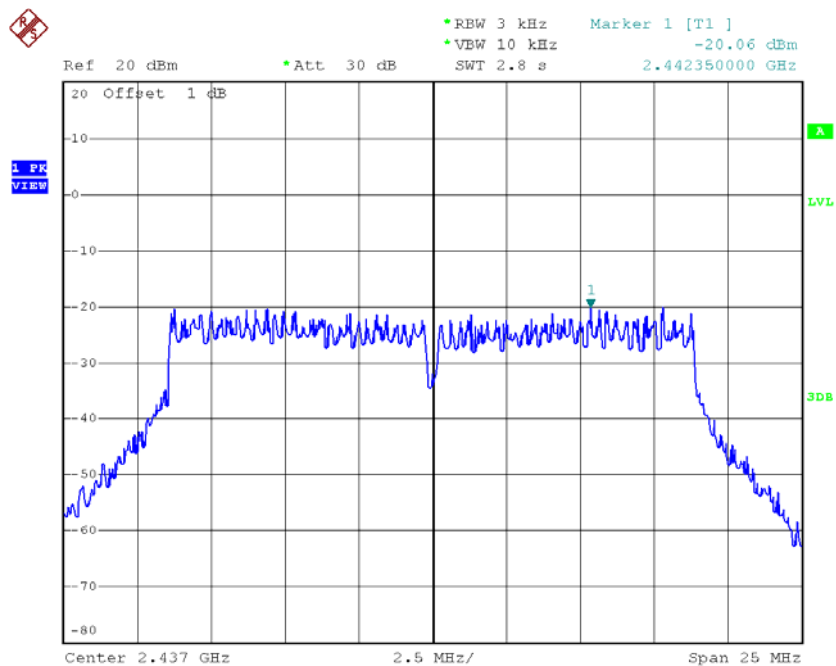
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.26	0.06	8.00	Complies
2437	-20.06	0.01	8.00	Complies
2462	-17.83	0.02	8.00	Complies

TX CH01



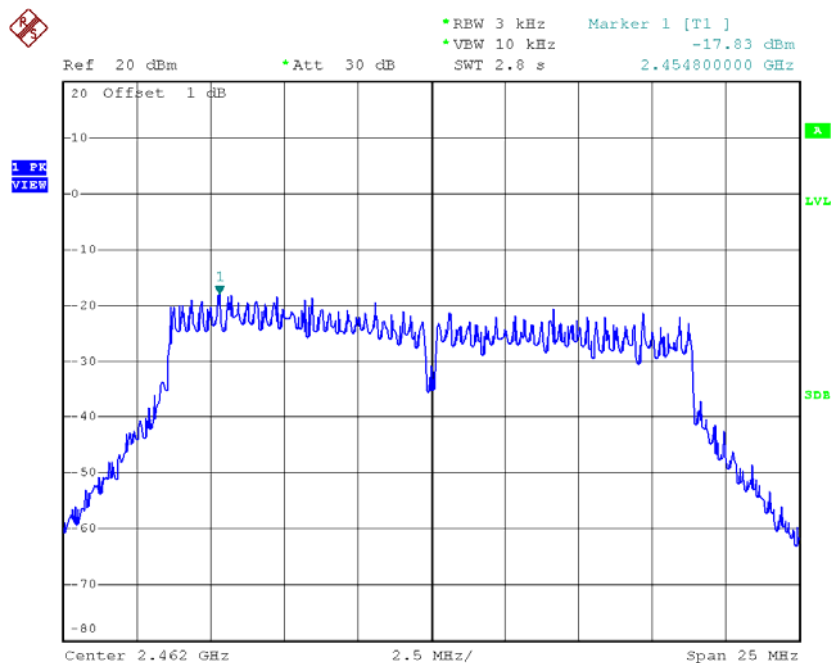
Date: 21.APR.2015 10:40:38

TX CH06



Date: 21.APR.2015 10:41:50

TX CH11



Date: 21.APR.2015 10:43:13