FCC Radio Test Report

FCC ID: NDD9577221420

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

Project No.	:	1412C013
Equipment	:	AC1200 11ac Wireless Dual Band USB Adapter
Model Name	:	EW-7722UAC; GWU-H722UAC
Applicant	:	EDIMAX TECHNOLOGY CO., LTD.
Address	:	No.3,Wu-Chuan 3rd Road, Wu-Ku Industrial Park, New Taipei City, Taiwan

Date of Receipt	:	Dec. 14, 2014
Date of Test	:	Dec. 14, 2014~Feb. 09, 2015
Issued Date	:	Feb. 10, 2015
Tested by	:	BTL Inc.

Testing Engineer : Gary Chou
(Gary Chou)

Technical Manager : Jeff Yang
(Jeff Yang)

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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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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-1-1412C013	Original Issue.	Feb. 10, 2015

1. CERTIFICATION

Equipment	:	AC1200 11ac Wireless Dual Band USB Adapter
Brand Name	:	EDIMAX
Model Name	:	EW-7722UAC; GWU-H722UAC
Applicant	:	EDIMAX TECHNOLOGY CO., LTD.
Manufacturer	:	EDIMAX TECHNOLOGY CO., LTD.
Address	:	No.3,Wu-Chuan 3rd Road, Wu-Ku Industrial Park, New Taipei City, Taiwan
Date of Test	:	Dec. 14, 2014~Feb. 09, 2015
Test Sample	:	ENGINEERING SAMPLE
Standard(s)	:	FCC Part15, Subpart C: 2013 (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-1-1412C013) 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: 2013			
Standard(s) Section **FCC**	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) The test follows FCC KDB Publication No. 558074 D01 DTS Meas Guidance v03r02 (Measurement Guidelines of DTS)

2.1TEST FACILITY

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

Conducted emission Test:

C02: 1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

Radiated emission Test (Below 1 GHz):

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

2.2MEASUREMENT UNCERTAINTY

The measurement uncertainty is not specified by FCC rules for reference only.

The reported uncertainty of measurement **y** ± **U**,where expended 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.

A. Conducted emission test:

Test Site	Measurement Frequency Range	U,(dB)	NOTE
C02	150 kHz ~ 30 MHz	2.59	

B. Radiated emission test:

Test Site	Item	Measurement Frequency Range		Uncertainty	NOTE
CB08	Radiated emission at 3m	Horizontal Polarization	30 - 200MHz	3.35 dB	
			200 - 1000MHz	3.11 dB	
			1 - 18GHz	3.97 dB	
			18 - 40GHz	4.01 dB	
		Vertical Polarization	30 - 200MHz	3.22 dB	
			200 - 1000MHz	3.24 dB	
			1 - 18GHz	4.05 dB	
			18 - 40GHz	4.04 dB	

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}.

If U_{lab} is less than or equal to U_{CISPR}, then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

If U_{lab} is greater than U_{CISPR}, then:

- compliance is deemed to occur if no measured disturbance level, increased by (U_{lab} - U_{CISPR}), exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level, increased by (U_{lab} - U_{CISPR}), exceeds the disturbance limit.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1200 11ac Wireless Dual Band USB Adapter	
Brand Name	EDIMAX	
Model Name	EW-7722UAC; GWU-H722UAC	
OEM Brand/Model Name	Manhattan/525725	
Model Difference	Only differ in model name.	
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 300 Mbps
	Output Power (Max.)	802.11b: 19.21dBm 802.11g: 22.34dBm 802.11n(20MHz): 25.82dBm 802.11n(40MHz): 26.06dBm
Power Source	Supplied from USB Port.	
Power Rating	DC 5V/900mA	

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) CH03 – CH09 for 802.11n(40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	LYNwave	ALU140-222030	Internal	N/A	3.09
2	LYNwave	ALU140-222030	Internal	N/A	3.55

Note:
(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
(2) ANT 2 is the worst case.

4.

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

3.2 DESCRIPTION OF TEST MODES

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

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

Note:

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

(2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (13Mbps)
802.11n HT40 mode : BPSK (27Mbps)
For radiated emission tests, the highest output powers were set for final test.

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

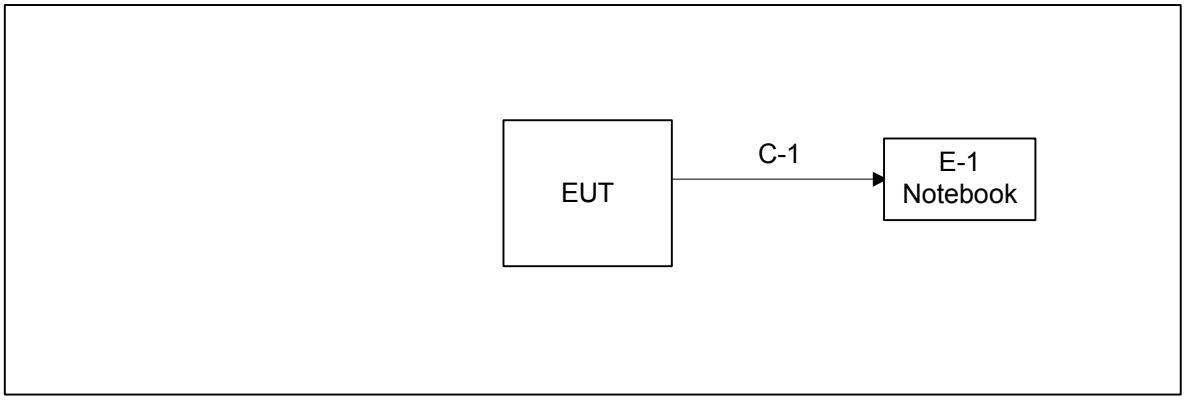
(4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	MT7662UQA		
Frequency (MHz)	2412	2437	2462
802.11b	1D	1D	1D
802.11g	18	1E	1E
802.11n (20MHz)	18/18	1E/1C	1E/1C
Frequency	2422	2437	2452
802.11n (40MHz)	13/13	1E/1D	1E/1D

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.	Note
E-1	Notebook PC	DELL	D620	DOC	7T390 A03	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10m	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

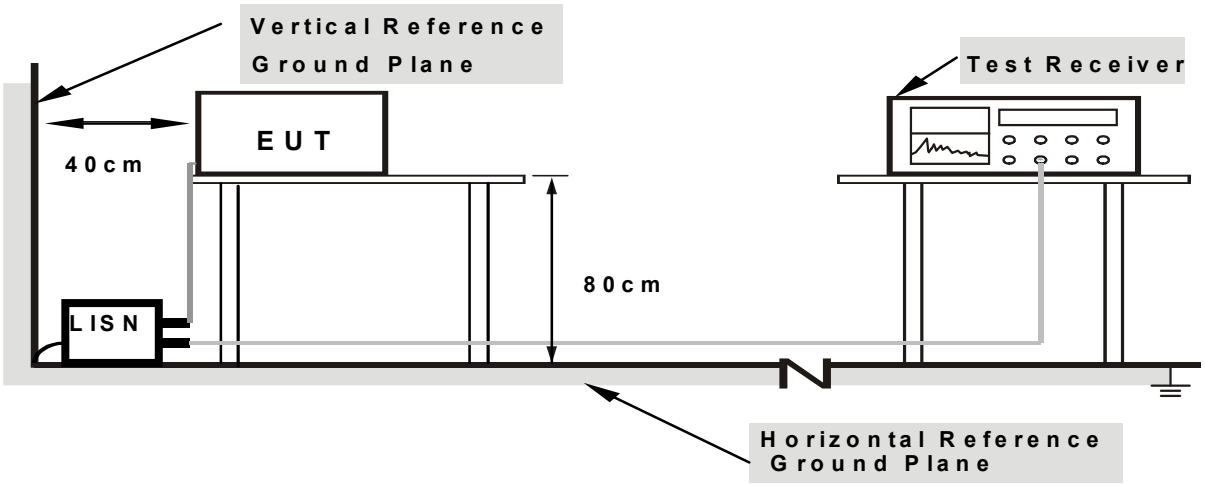
4.1.2 TEST PROCEDURE

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

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) & RSS-210 section 2.2& Annex 8 (A8.5), then the 15.209(a)& RSS-Gen 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

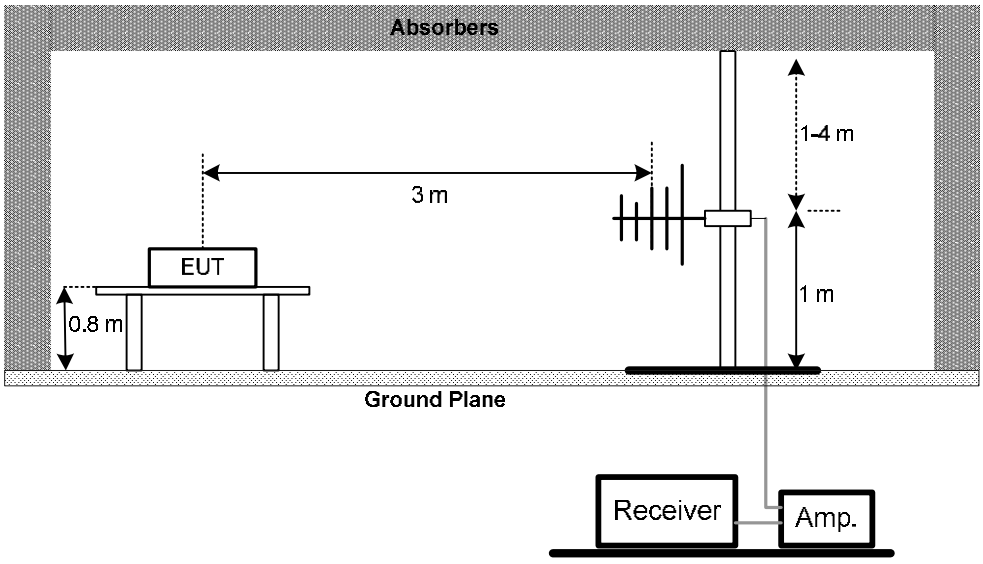
a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. 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.
d. 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.
e. 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.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

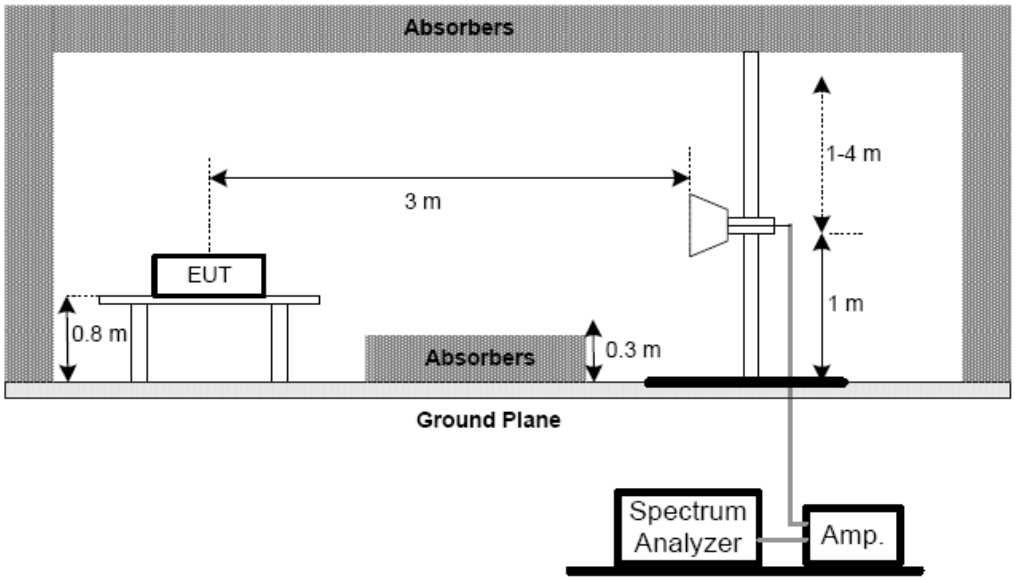
No deviation

4.2.4 TEST SETUP

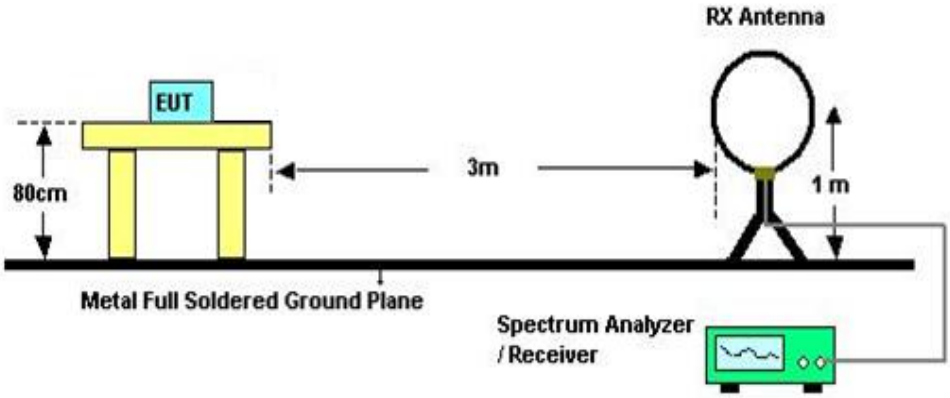
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(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

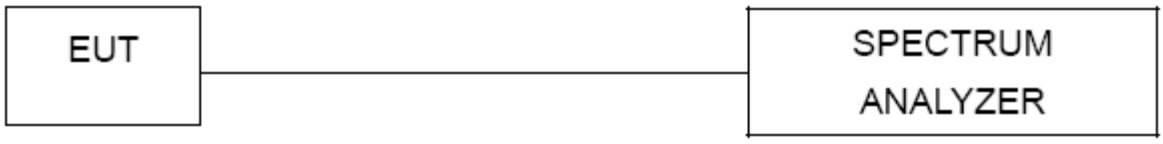
5.1.1 TEST PROCEDURE

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

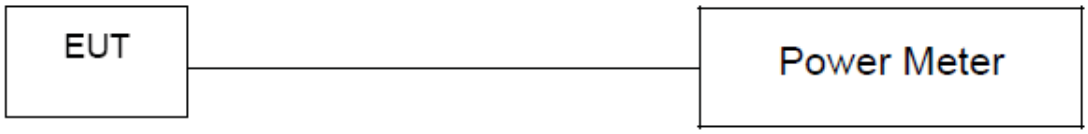
6.1.1 TEST PROCEDURE

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

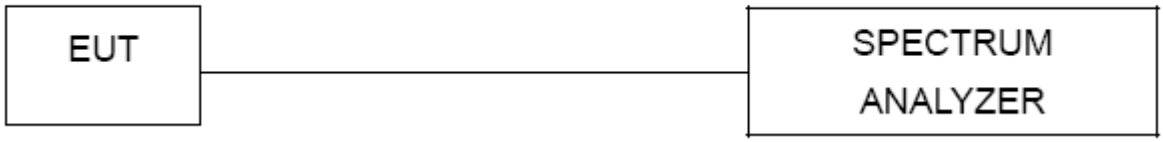
7.1.1 TEST PROCEDURE

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: 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

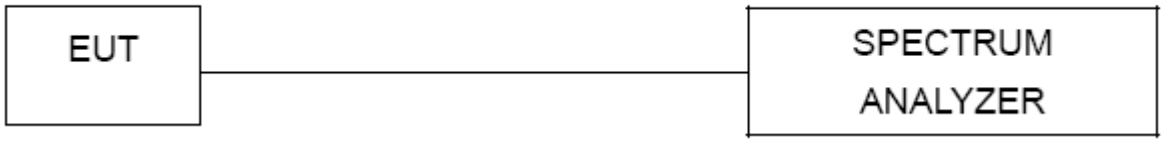
8.1.1 TEST PROCEDURE

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	Jan. 07, 2016
2	Test Cable	TIMES	CFD300-NL	C01	May. 28, 2015
3	EMI Test Receiver	R&S	ESCI	100082	Apr. 13, 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	R&S	FSP30	100854	Oct. 26, 2015
2	Horn Antenna	Schwarzbeck	BBHA 9120	D-325	Jan. 12, 2016
3	Microwave Pre_amplifier	Agilent	8449B	3008A01714	Apr. 15, 2015
4	Microflex Cable	Harbour industries	27478LL142	1m	May. 12, 2015
5	Microflex Cable	EMC	S104-SMA	8m	May. 12, 2015
6	Microflex Cable	Harbour industries	27478LL142	3m	May. 12, 2015
7	Test Cable	LMR	LMR-400	12m	May. 13, 2015
8	Test Cable	LMR	LMR-400	3m	May. 13, 2015
9	Pre-Amplifier	Anritsu	MH648A	M92649	Jun. 17, 2015
10	Log-Bicon Antenna	Schwarzbeck	VULB9168-352	9168-352	July. 10, 2015

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

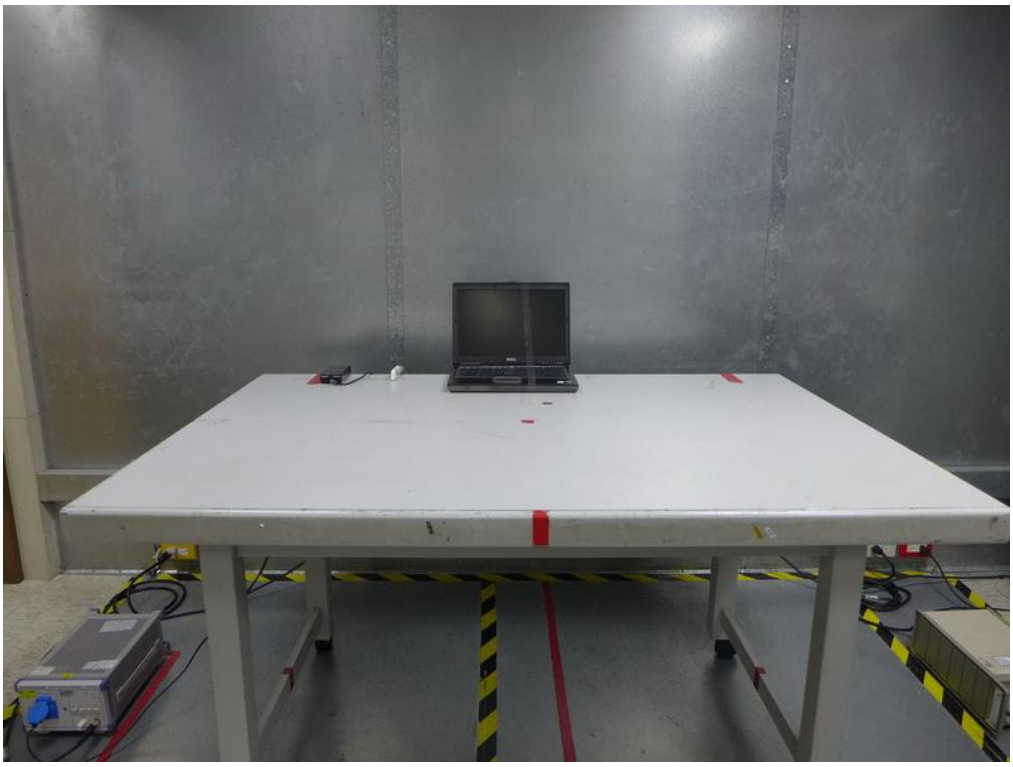
Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

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

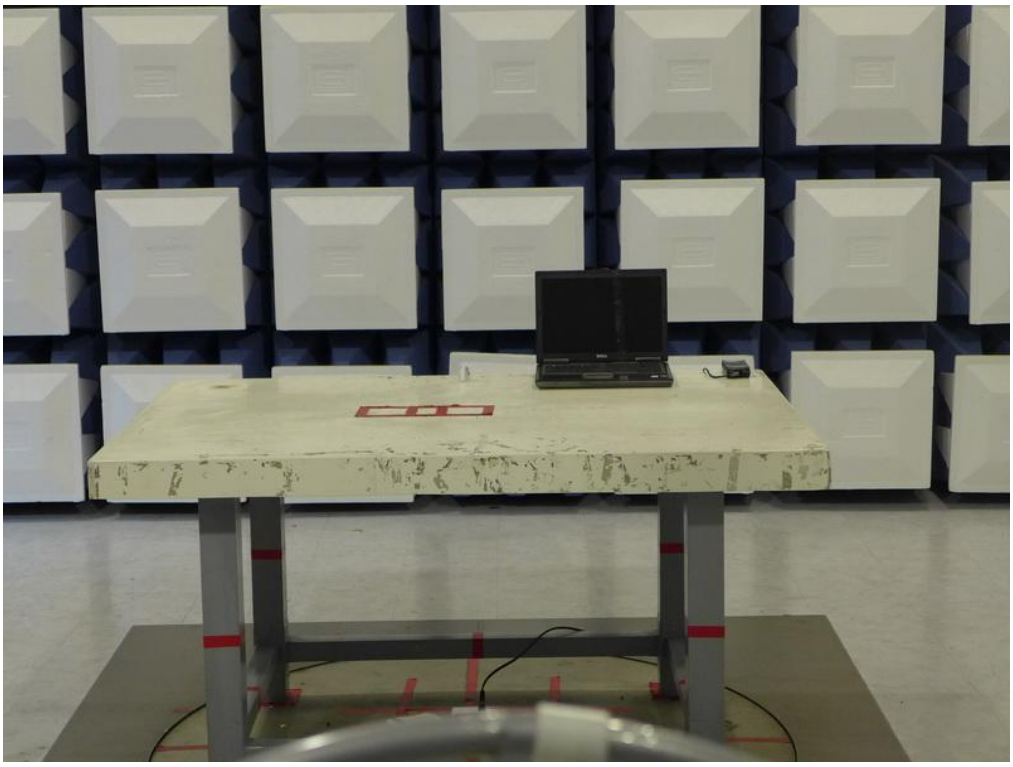
10. EUT TEST PHOTO

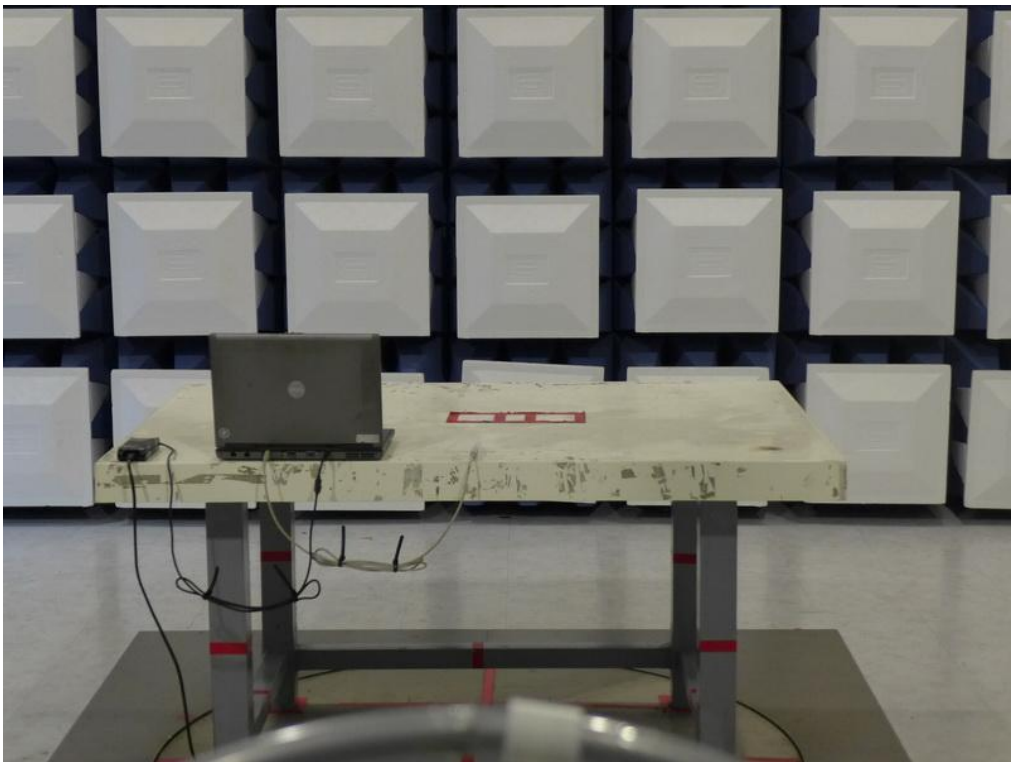
Conducted Measurement Photos



Radiated Measurement Photos

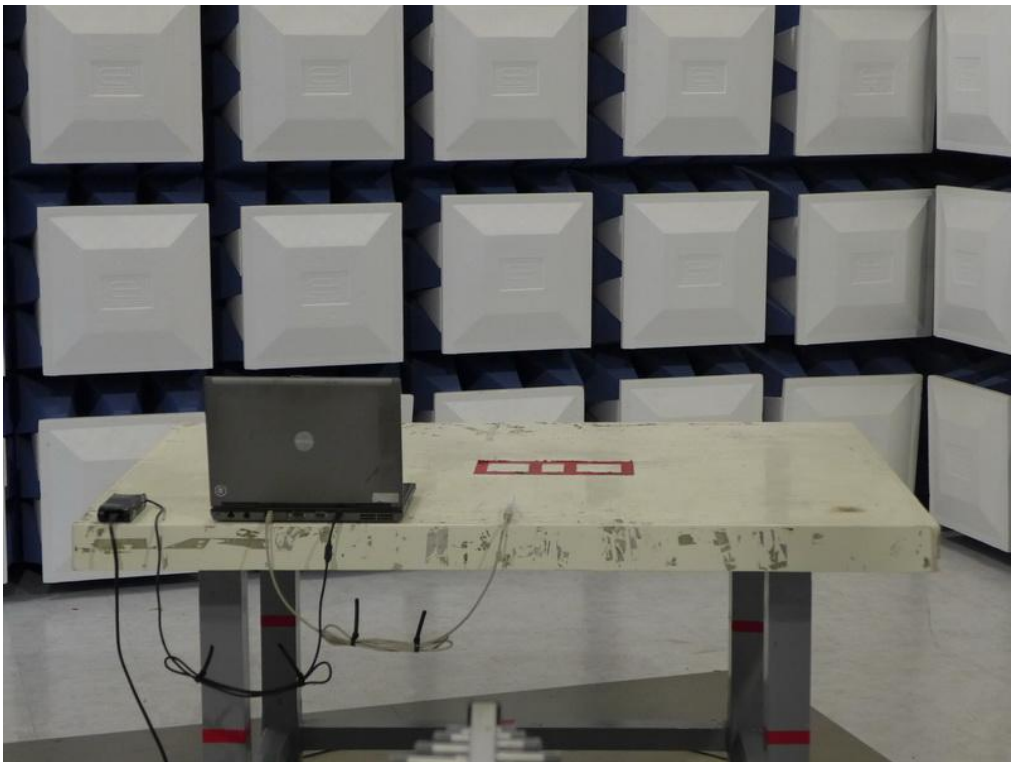
9KHz to 30MHz





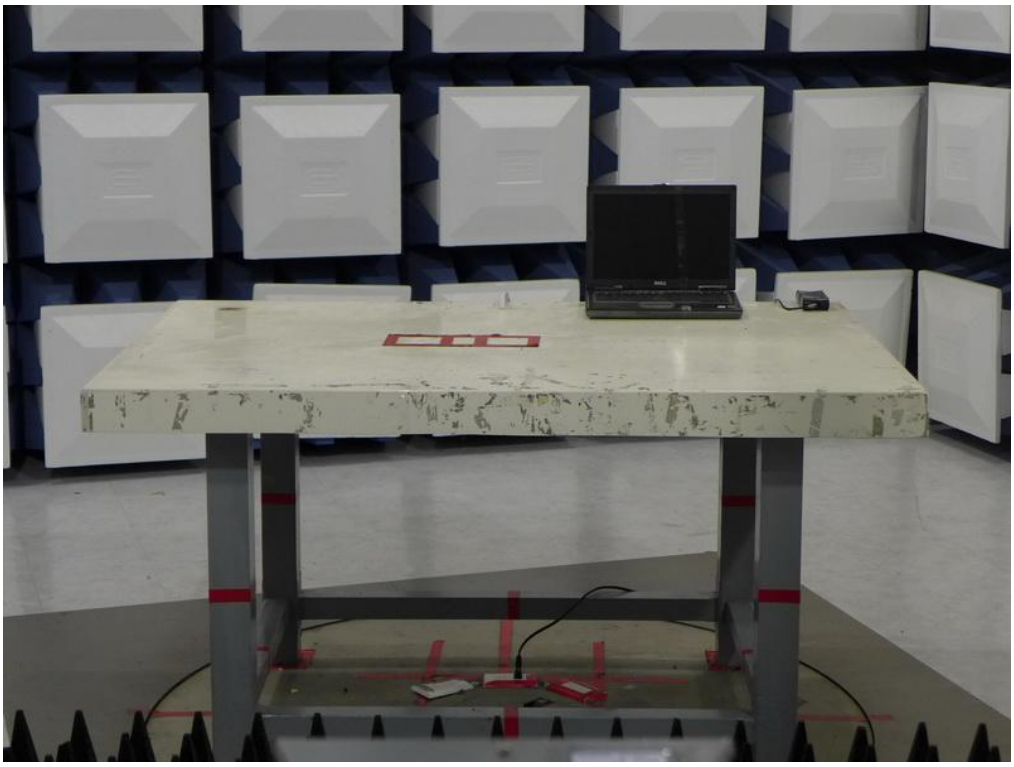
Radiated Measurement Photos

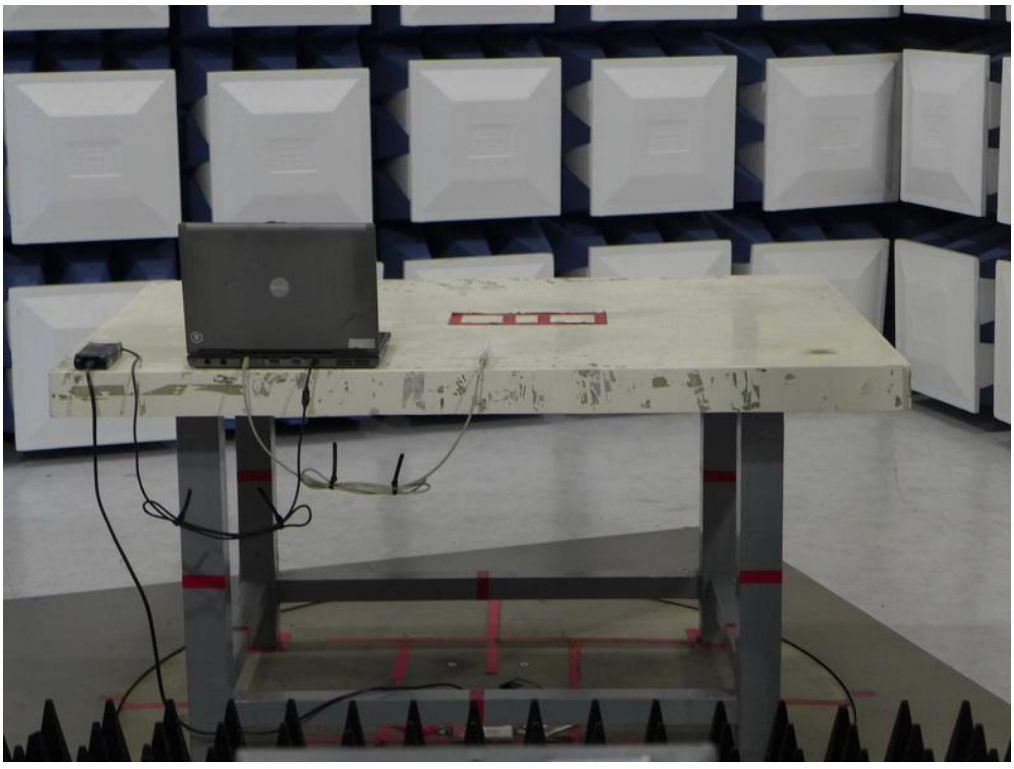
30MHz to 1000MHz



Radiated Measurement Photos

Above 1000MHz

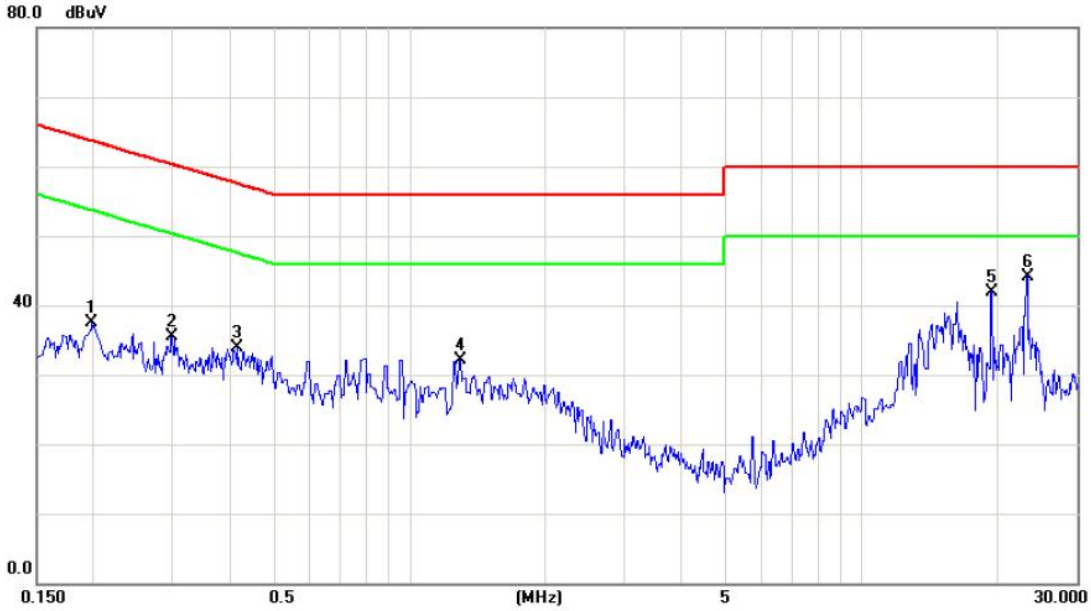




ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	TX MODE

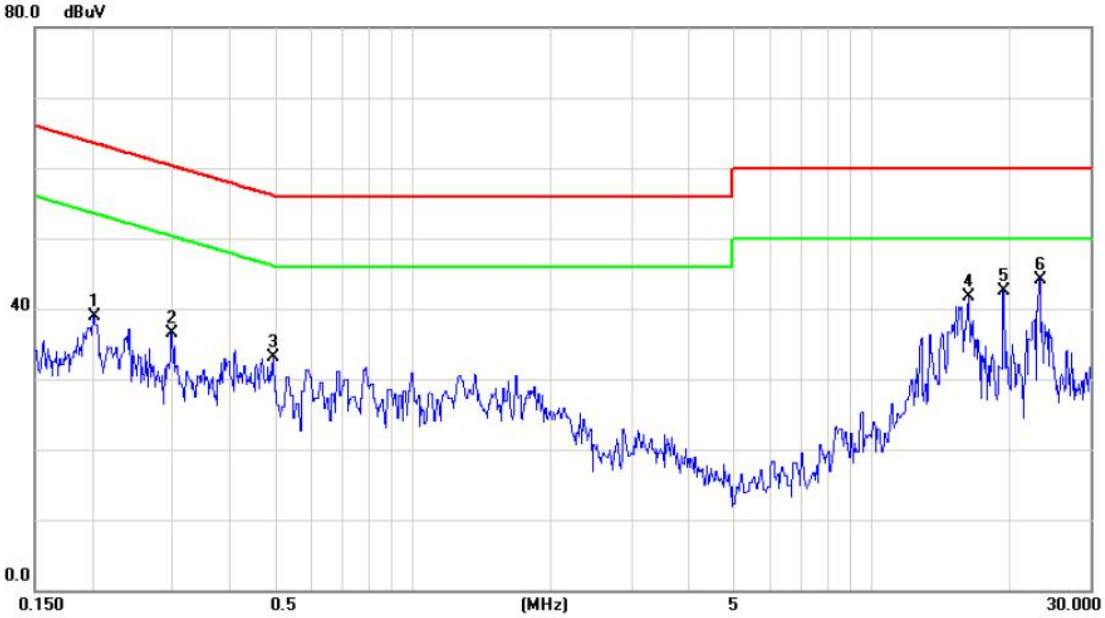
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1983	27.91	9.65	37.56	63.68	-26.12	peak	
2		0.2973	25.72	9.76	35.48	60.32	-24.84	peak	
3		0.4158	23.95	9.89	33.84	57.53	-23.69	peak	
4		1.2920	22.33	9.72	32.05	56.00	-23.95	peak	
5		19.3500	31.32	10.50	41.82	60.00	-18.18	peak	
6	*	23.1497	33.67	10.46	44.13	60.00	-15.87	peak	

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		0.2011	29.21	9.64	38.85	63.57	-24.72	peak	
2		0.2973	26.89	9.65	36.54	60.32	-23.78	peak	
3		0.4970	23.47	9.67	33.14	56.05	-22.91	peak	
4		16.2500	31.44	10.24	41.68	60.00	-18.32	peak	
5		19.3500	32.06	10.37	42.43	60.00	-17.57	peak	
6	*	23.1497	33.59	10.49	44.08	60.00	-15.92	peak	

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

Test Mode:	TX Mode 2412MHz

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.0175	0°	45.44	17.55	62.99	102.74	-39.75	AVG
0.0175	0°	53.92	17.55	71.47	122.74	-51.27	PK
0.3370	0°	40.12	11.12	51.24	77.05	-25.81	AVG
0.3370	0°	49.57	11.12	60.69	97.05	-36.36	PK
0.3920	0°	40.28	11.15	51.43	75.74	-24.31	AVG
0.3920	0°	49.88	11.15	61.03	95.74	-34.71	PK
0.5660	0°	47.52	11.25	58.77	72.55	-13.78	QP
0.5660	0°	53.11	11.25	64.36	92.55	-28.19	PK
0.8820	0°	45.86	11.37	57.23	68.69	-11.46	QP
1.1450	0°	40.41	11.46	51.87	66.43	-14.55	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.0170	90°	45.39	17.66	63.05	103.00	-39.95	AVG
0.0170	90°	53.51	17.66	71.17	123.00	-51.83	PK
0.3360	90°	40.22	11.12	51.34	77.08	-25.74	AVG
0.3360	90°	49.63	11.12	60.75	97.08	-36.33	PK
0.3990	90°	40.27	11.16	51.43	75.58	-24.16	AVG
0.3990	90°	49.85	11.16	61.01	95.58	-34.58	PK
0.5690	90°	47.36	11.25	58.61	72.50	-13.89	AVG
0.5690	90°	53.54	11.25	64.79	92.50	-27.71	PK
0.8870	90°	45.39	11.37	56.76	68.65	-11.88	QP
1.1420	90°	40.27	11.46	51.73	66.45	-14.72	QP

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

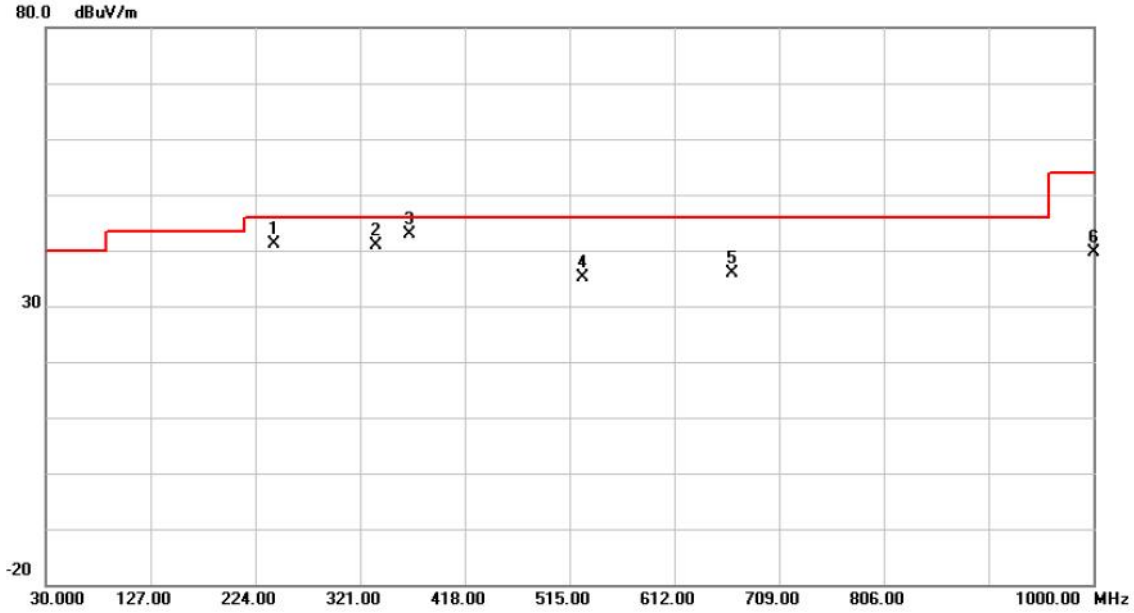
Test Mode:	TX B MODE CHANNEL 06

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		49.4000	45.99	-13.69	32.30	40.00	-7.70	peak	
2		240.9750	50.74	-15.24	35.50	46.00	-10.50	peak	
3		367.0750	49.63	-11.91	37.72	46.00	-8.28	peak	
4		500.4500	48.28	-9.30	38.98	46.00	-7.02	peak	
5		527.1250	45.90	-8.59	37.31	46.00	-8.69	peak	
6	*	1000.000	48.77	-1.28	47.49	54.00	-6.51	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		240.9750	56.49	-15.24	41.25	46.00	-4.75	peak	
2		335.5500	53.39	-12.57	40.82	46.00	-5.18	peak	
3	*	367.0750	54.70	-11.91	42.79	46.00	-3.21	peak	
4		527.1250	43.65	-8.59	35.06	46.00	-10.94	peak	
5		665.3500	42.34	-6.46	35.88	46.00	-10.12	peak	
6		1000.000	41.03	-1.28	39.75	54.00	-14.25	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

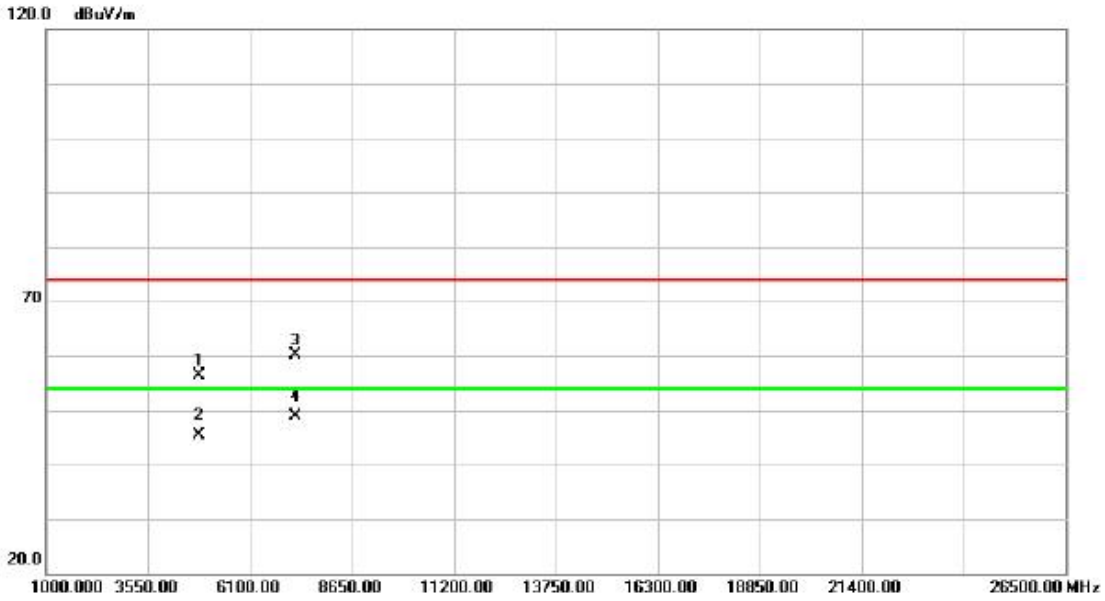
Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

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	34.09	31.02	65.11	74.00	-8.89	peak	
2		2390.000	19.95	31.02	50.97	54.00	-3.03	AVG	
3	X	2409.700	77.20	31.11	108.31	74.00	34.31	peak	NO LIMIT
4	*	2409.700	73.72	31.11	104.83	54.00	50.83	AVG	NO LIMIT

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

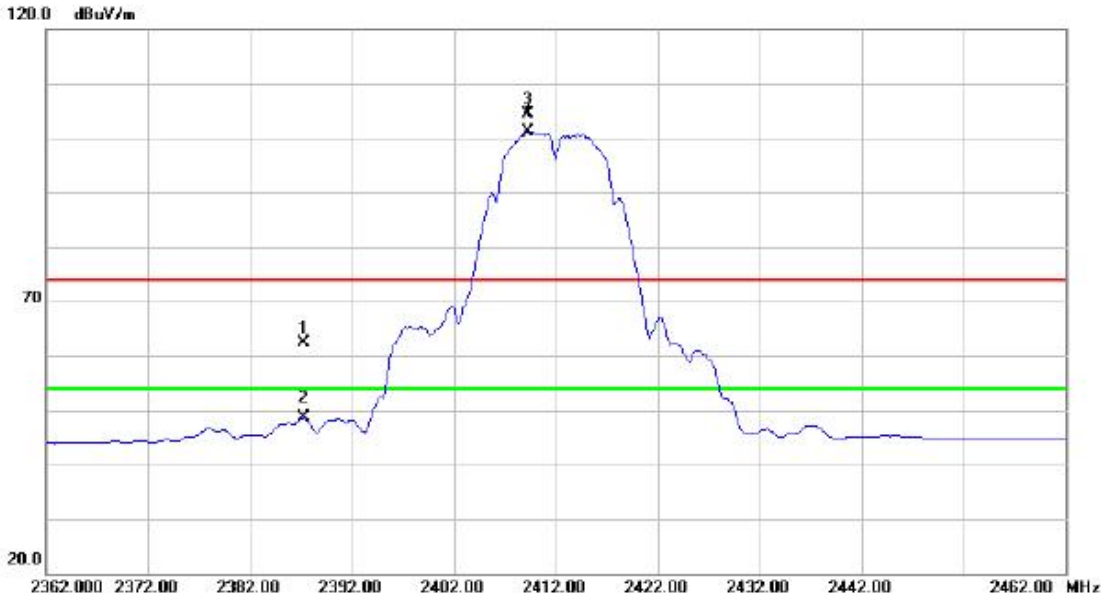
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.020	49.50	6.78	56.28	74.00	-17.72	peak	
2		4824.020	38.59	6.78	45.37	54.00	-8.63	AVG	
3		7236.100	44.98	15.17	60.15	74.00	-13.85	peak	
4	*	7236.100	33.59	15.17	48.76	54.00	-5.24	AVG	

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

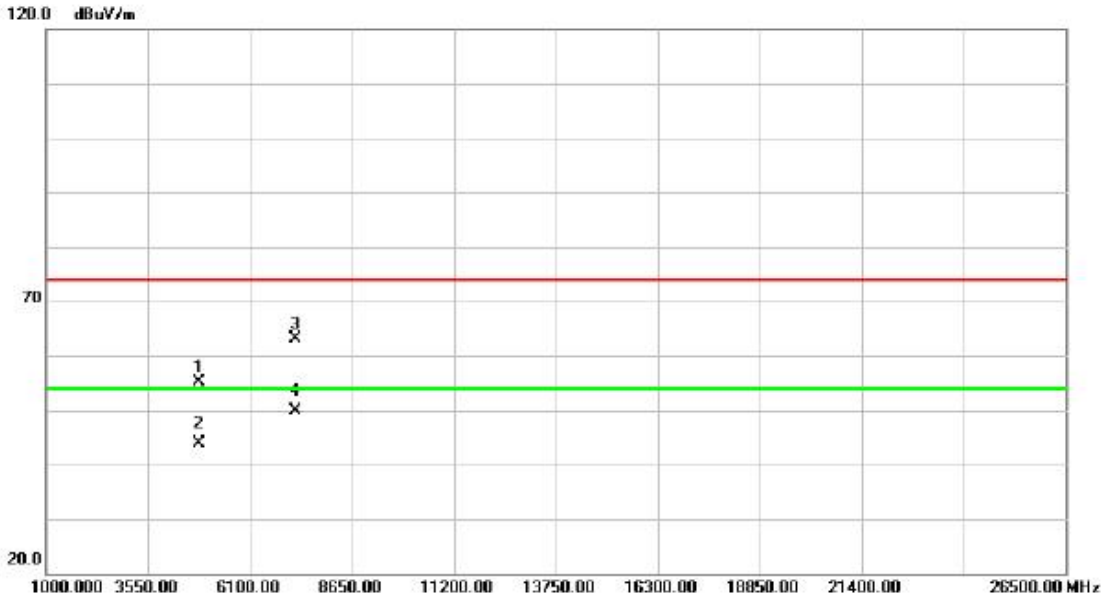
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.200	31.25	31.01	62.26	74.00	-11.74	peak	
2		2387.200	17.51	31.01	48.52	54.00	-5.48	AVG	
3	X	2409.200	73.34	31.11	104.45	74.00	30.45	peak	NO LIMIT
4	*	2409.200	69.99	31.11	101.10	54.00	47.10	AVG	NO LIMIT

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

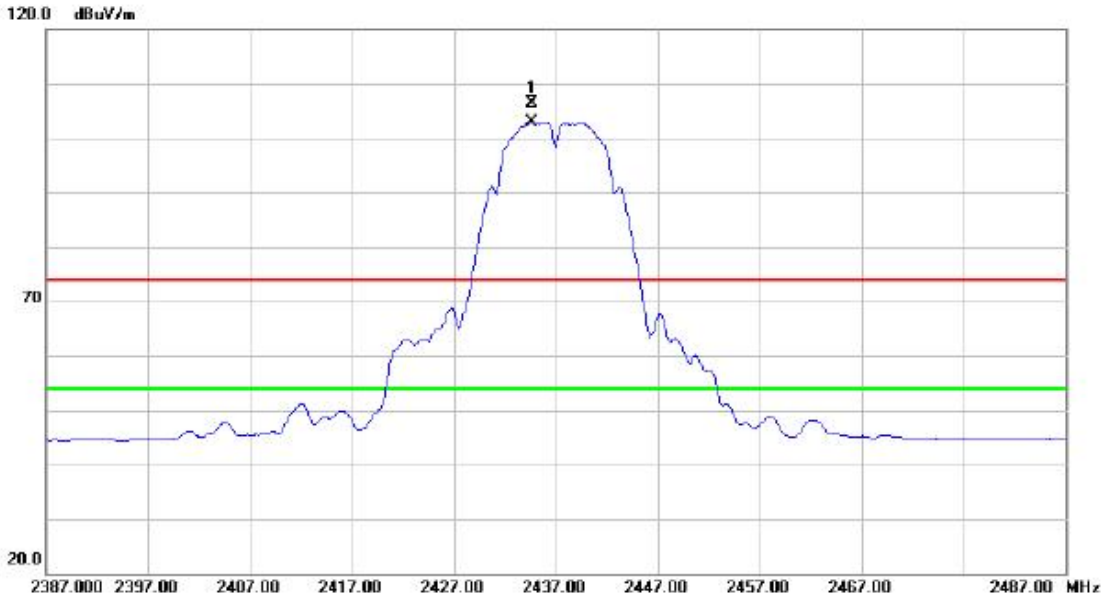
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.890	48.25	6.78	55.03	74.00	-18.97	peak	
2		4823.890	37.00	6.78	43.78	54.00	-10.22	AVG	
3		7235.700	47.99	15.17	63.16	74.00	-10.84	peak	
4	*	7235.700	34.59	15.17	49.76	54.00	-4.24	AVG	

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

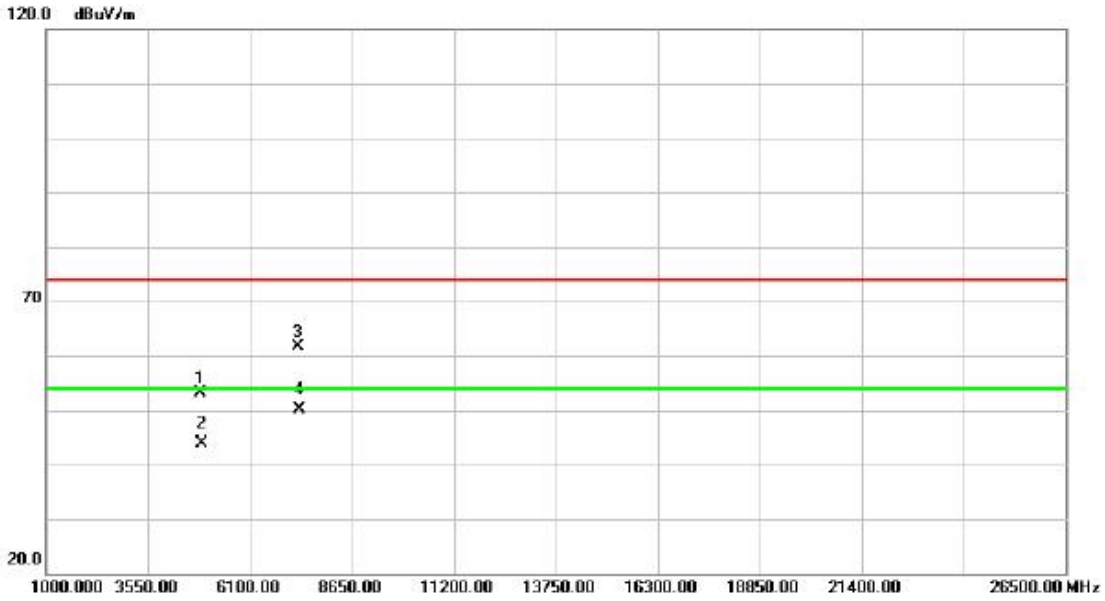
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2434.700	75.16	31.23	106.39	74.00	32.39	peak	NO LIMIT
2	*	2434.700	71.75	31.23	102.98	54.00	48.98	AVG	NO LIMIT

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

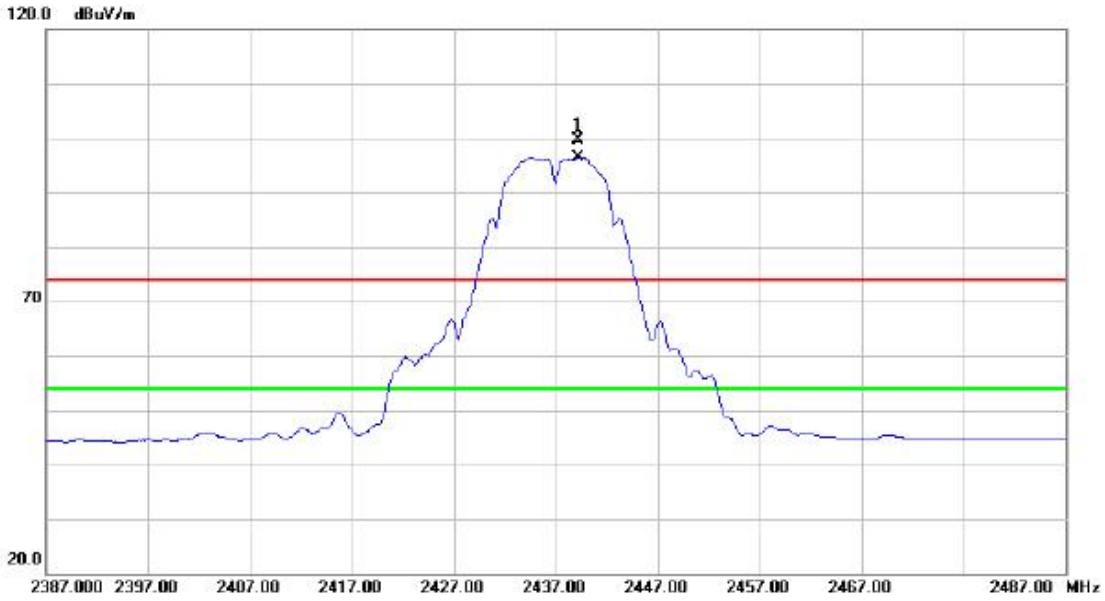
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4873.950	46.35	6.78	53.13	74.00	-20.87	peak	
2		4873.950	36.99	6.78	43.77	54.00	-10.23	AVG	
3		7311.050	46.00	15.57	61.57	74.00	-12.43	peak	
4	*	7311.050	34.45	15.57	50.02	54.00	-3.98	AVG	

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

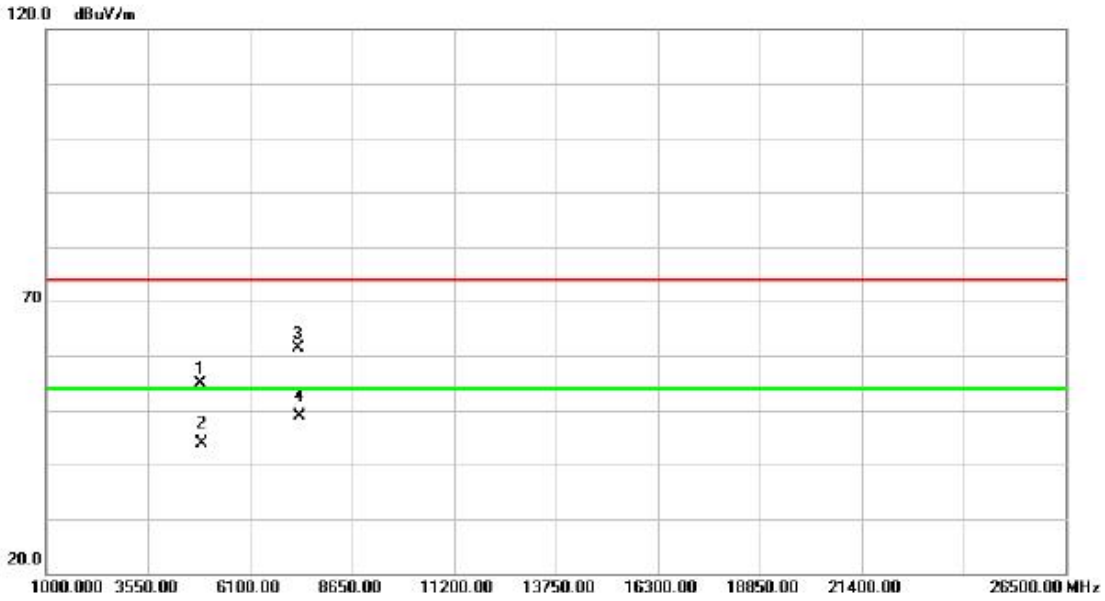
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2439.200	68.49	31.25	99.74	74.00	25.74	peak	NO LIMIT
2	*	2439.200	65.13	31.25	96.38	54.00	42.38	AVG	NO LIMIT

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

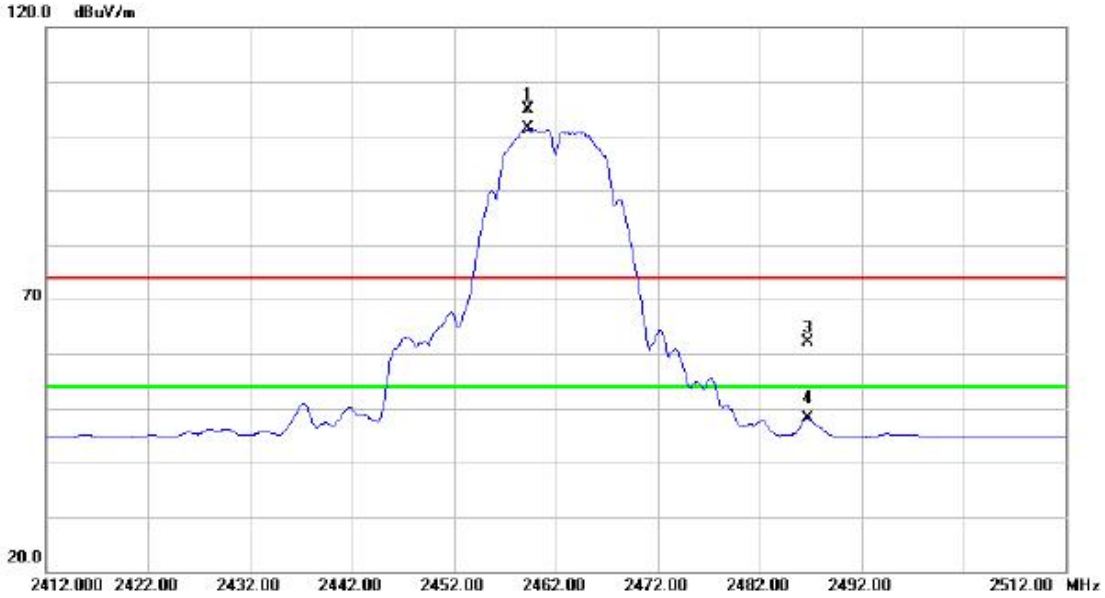
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	48.00	6.78	54.78	74.00	-19.22	peak	
2		4874.000	36.99	6.78	43.77	54.00	-10.23	AVG	
3		7310.350	45.70	15.57	61.27	74.00	-12.73	peak	
4	*	7310.350	33.23	15.57	48.80	54.00	-5.20	AVG	

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

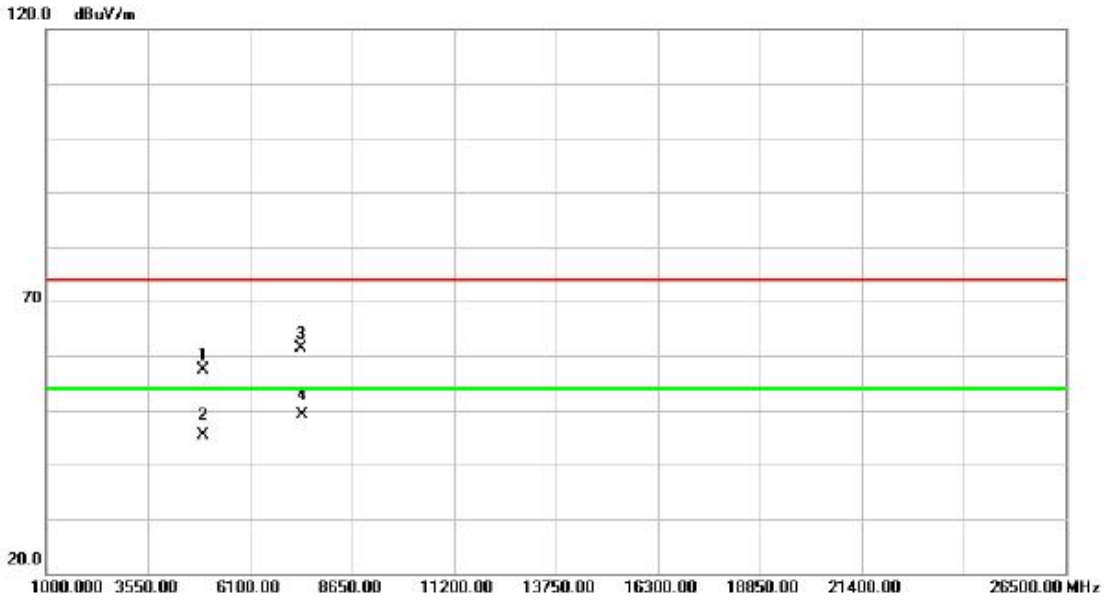
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2459.200	73.47	31.35	104.82	74.00	30.82	peak	NO LIMIT
2	*	2459.200	69.94	31.35	101.29	54.00	47.29	AVG	NO LIMIT
3		2486.700	30.58	31.47	62.05	74.00	-11.95	peak	
4		2486.700	16.61	31.47	48.08	54.00	-5.92	AVG	

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

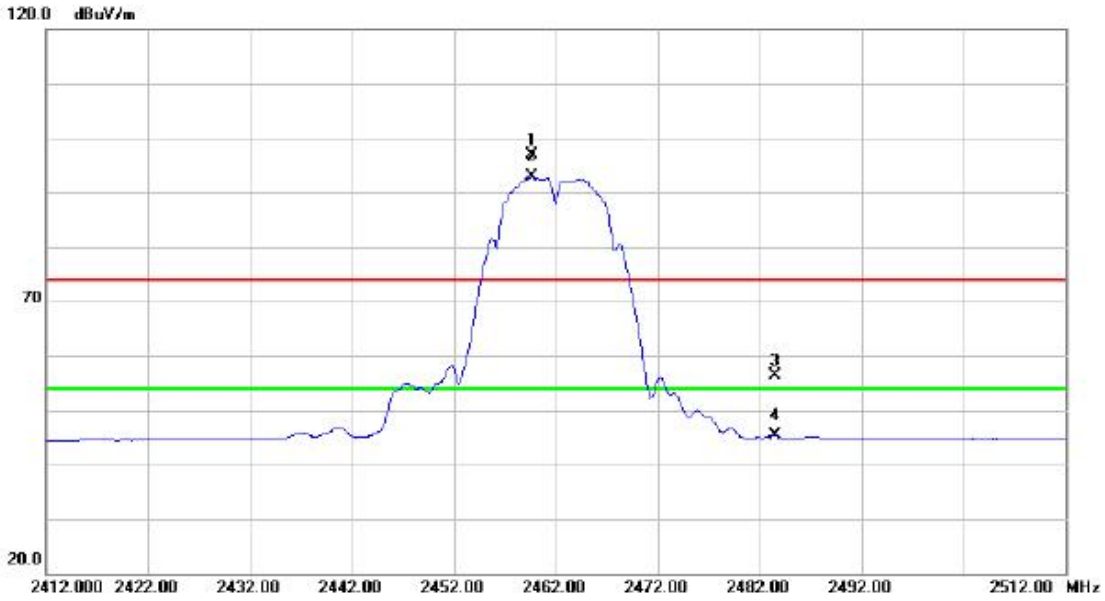
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.920	50.63	6.77	57.40	74.00	-16.60	peak	
2		4923.920	38.66	6.77	45.43	54.00	-8.57	AVG	
3		7386.140	45.36	15.98	61.34	74.00	-12.66	peak	
4	*	7386.140	33.24	15.98	49.22	54.00	-4.78	AVG	

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

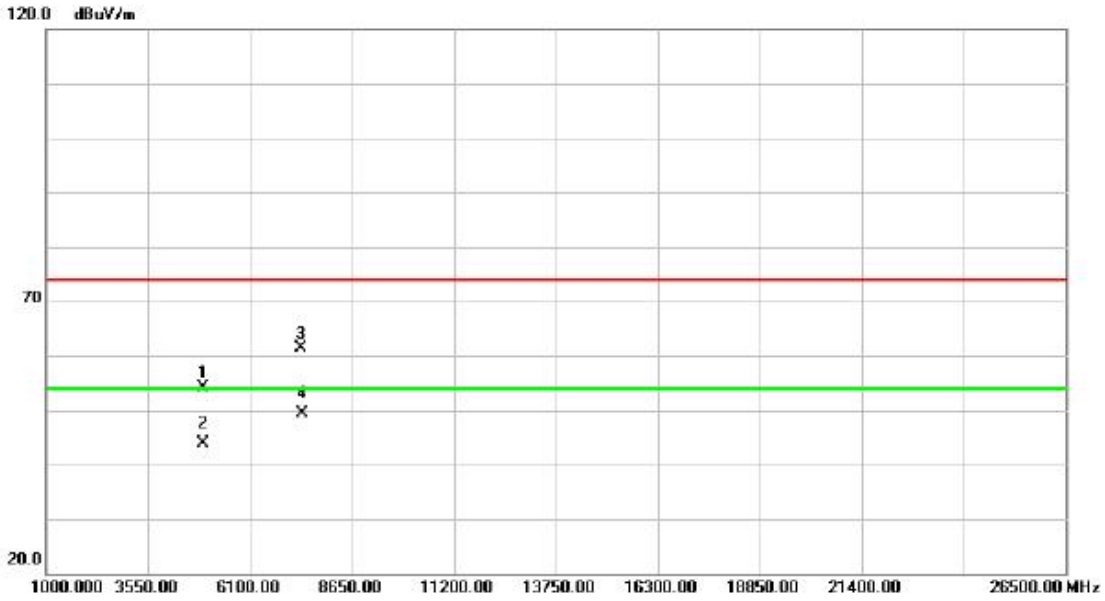
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2459.600	65.41	31.35	96.76	74.00	22.76	peak	NO LIMIT
2	*	2459.600	61.45	31.35	92.80	54.00	38.80	AVG	NO LIMIT
3		2483.500	24.81	31.46	56.27	74.00	-17.73	peak	
4		2483.500	14.00	31.46	45.46	54.00	-8.54	AVG	

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

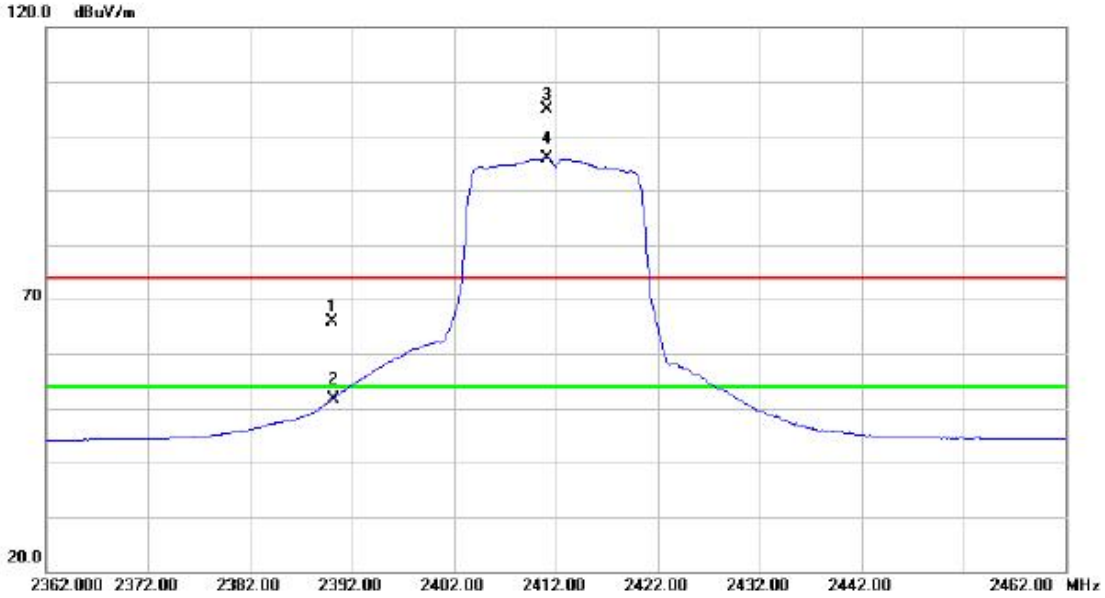
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.880	47.36	6.77	54.13	74.00	-19.87	peak	
2		4923.880	37.21	6.77	43.98	54.00	-10.02	AVG	
3		7388.220	45.49	15.99	61.48	74.00	-12.52	peak	
4	*	7388.220	33.46	15.99	49.45	54.00	-4.55	AVG	

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

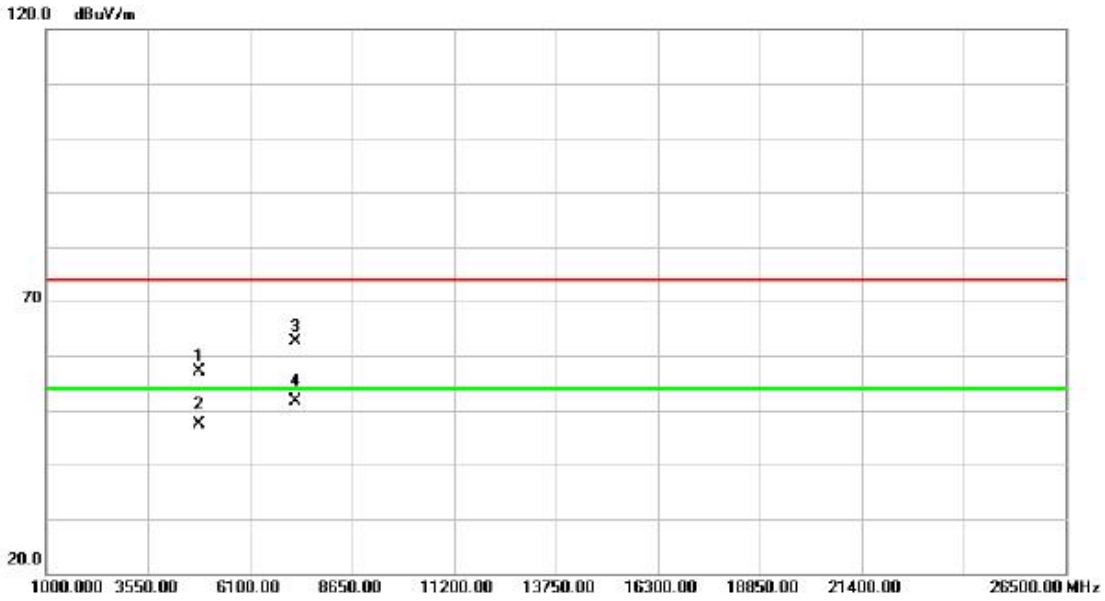
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	34.76	31.02	65.78	74.00	-8.22	peak	
2		2390.000	20.69	31.02	51.71	54.00	-2.29	AVG	
3	X	2411.100	73.73	31.12	104.85	74.00	30.85	peak	NO LIMIT
4	*	2411.100	64.74	31.12	95.86	54.00	41.86	AVG	NO LIMIT

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

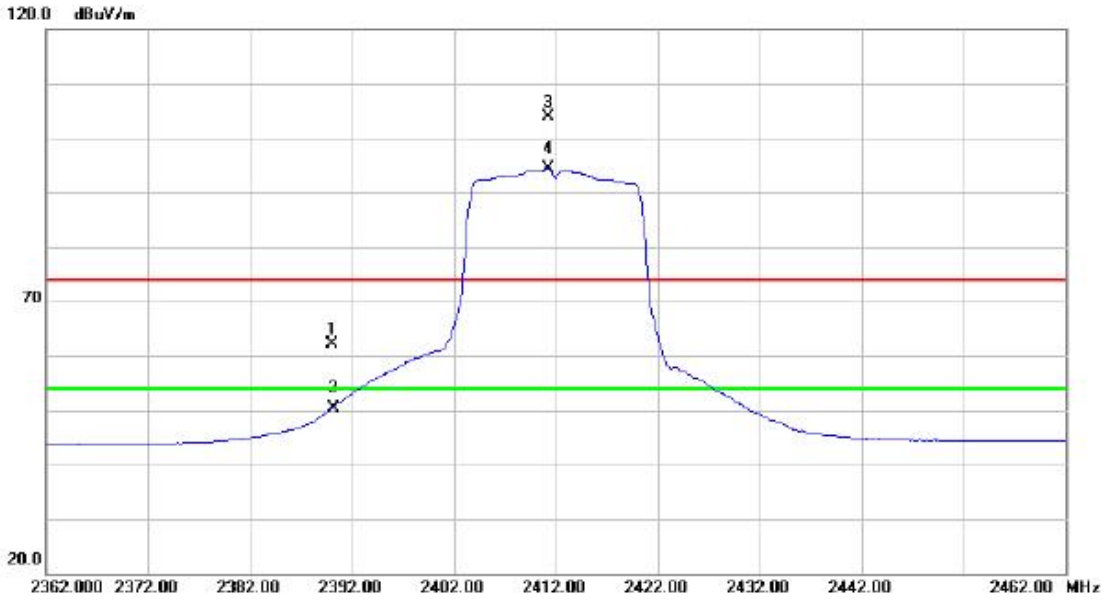
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4820.600	50.28	6.78	57.06	74.00	-16.94	peak	
2		4820.600	40.66	6.78	47.44	54.00	-6.56	AVG	
3		7234.800	47.36	15.17	62.53	74.00	-11.47	peak	
4	*	7234.800	36.56	15.17	51.73	54.00	-2.27	AVG	

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

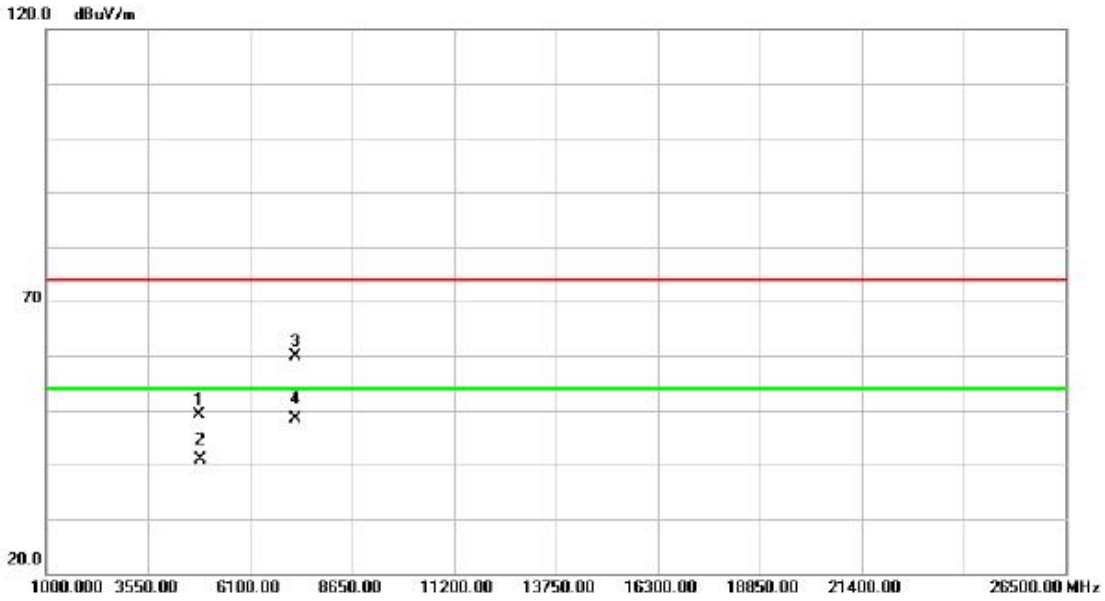
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	31.22	31.02	62.24	74.00	-11.76	peak	
2		2390.000	19.31	31.02	50.33	54.00	-3.67	AVG	
3	X	2411.200	72.88	31.12	104.00	74.00	30.00	peak	NO LIMIT
4	*	2411.200	63.16	31.12	94.28	54.00	40.28	AVG	NO LIMIT

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

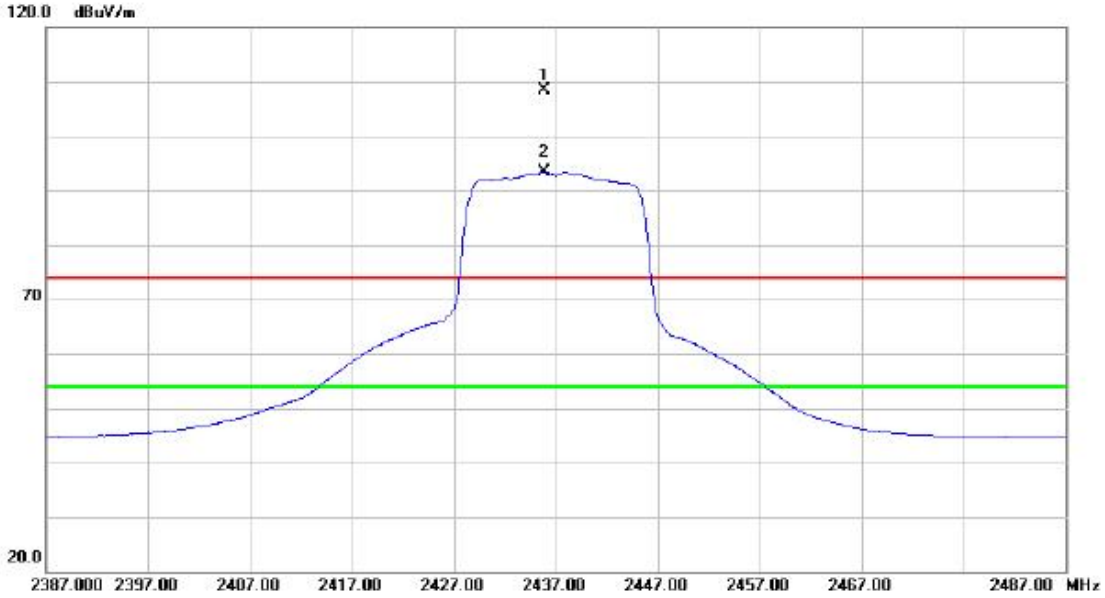
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4825.900	42.36	6.78	49.14	74.00	-24.86	peak	
2		4825.900	34.21	6.78	40.99	54.00	-13.01	AVG	
3		7235.000	44.75	15.17	59.92	74.00	-14.08	peak	
4	*	7235.000	33.19	15.17	48.36	54.00	-5.64	AVG	

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

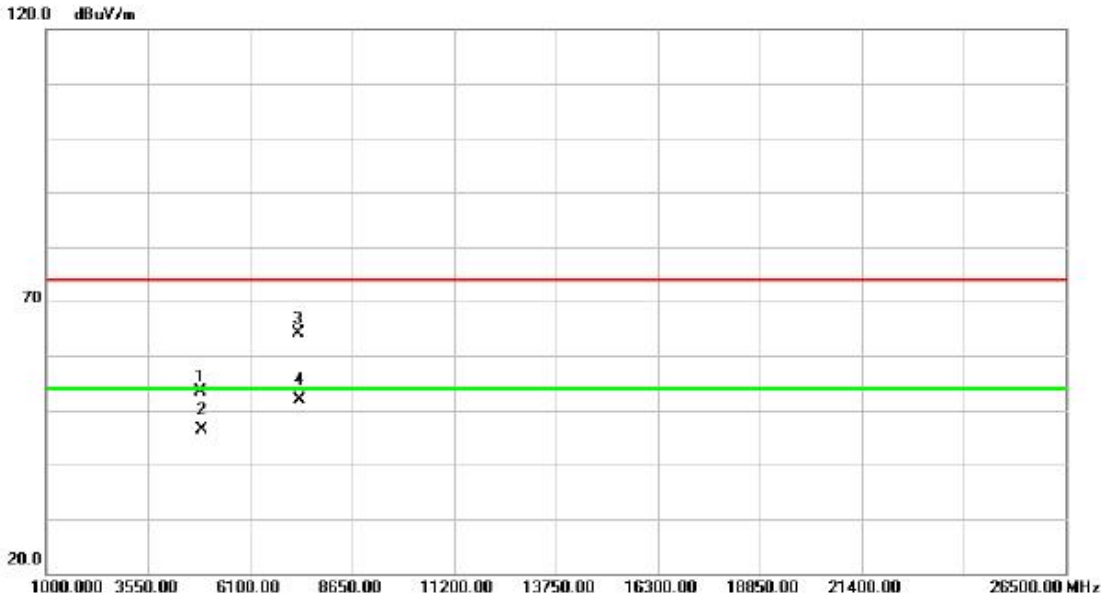
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.900	77.23	31.24	108.47	74.00	34.47	peak	NO LIMIT
2	*	2435.900	62.16	31.24	93.40	54.00	39.40	AVG	NO LIMIT

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

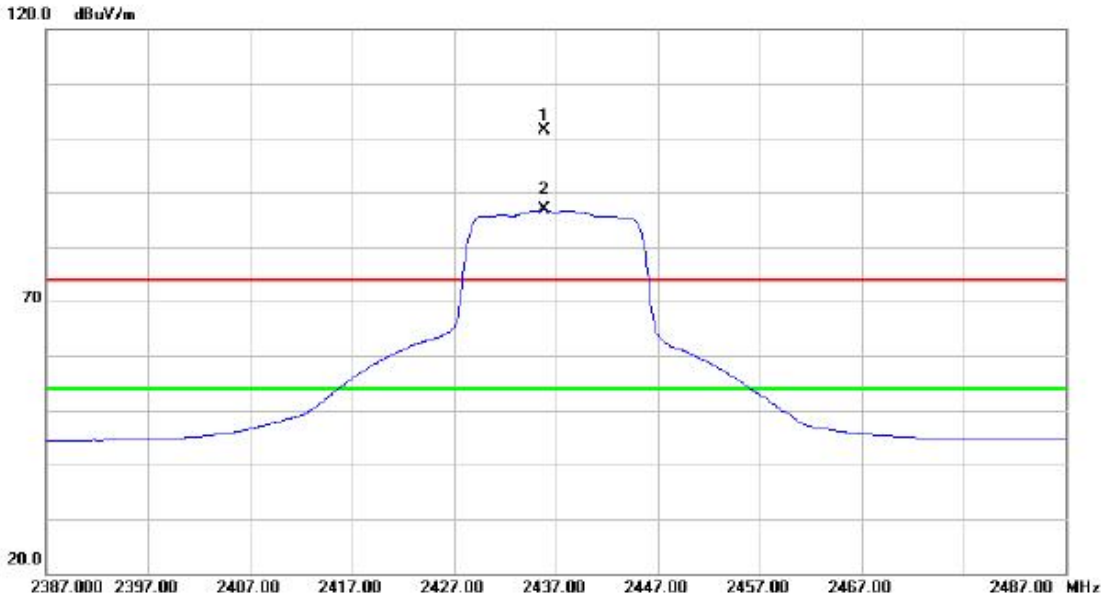
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4872.800	46.59	6.78	53.37	74.00	-20.63	peak	
2		4872.800	39.66	6.78	46.44	54.00	-7.56	AVG	
3		7308.200	48.53	15.56	64.09	74.00	-9.91	peak	
4	*	7308.200	36.33	15.56	51.89	54.00	-2.11	AVG	

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

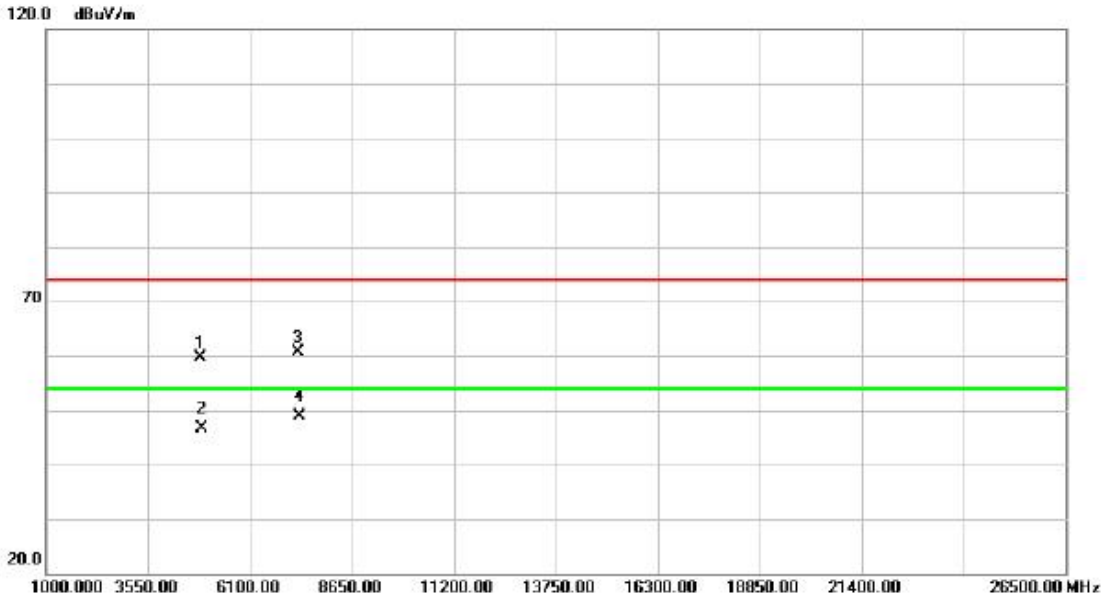
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.900	70.23	31.24	101.47	74.00	27.47	peak	NO LIMIT
2	*	2435.900	55.54	31.24	86.78	54.00	32.78	AVG	NO LIMIT

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

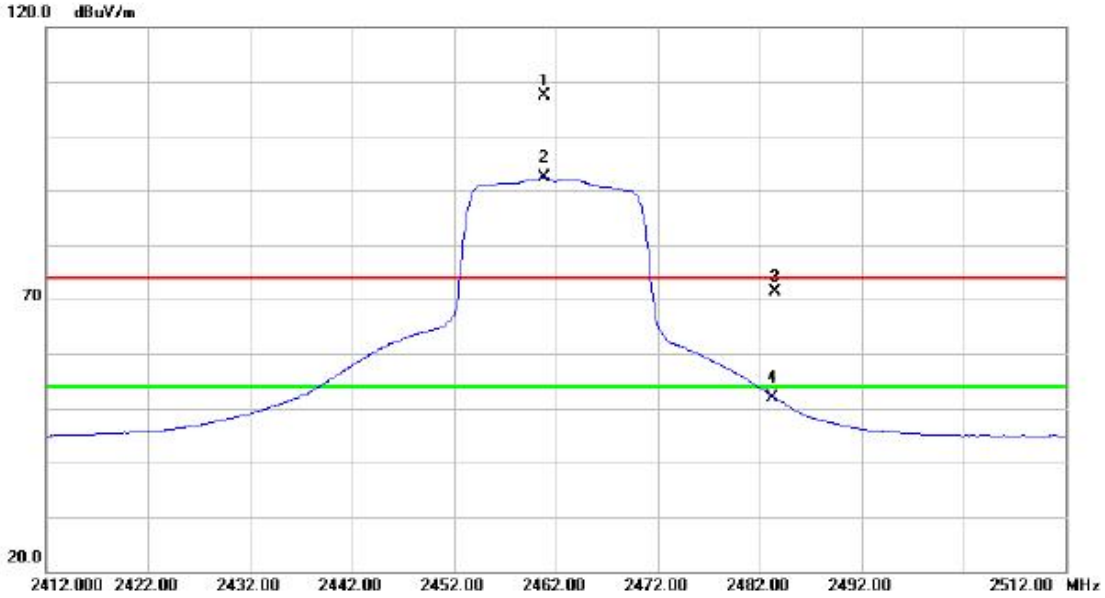
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4873.400	52.86	6.78	59.64	74.00	-14.36	peak	
2		4873.400	39.87	6.78	46.65	54.00	-7.35	AVG	
3		7315.500	45.03	15.60	60.63	74.00	-13.37	peak	
4	*	7315.500	33.19	15.60	48.79	54.00	-5.21	AVG	

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

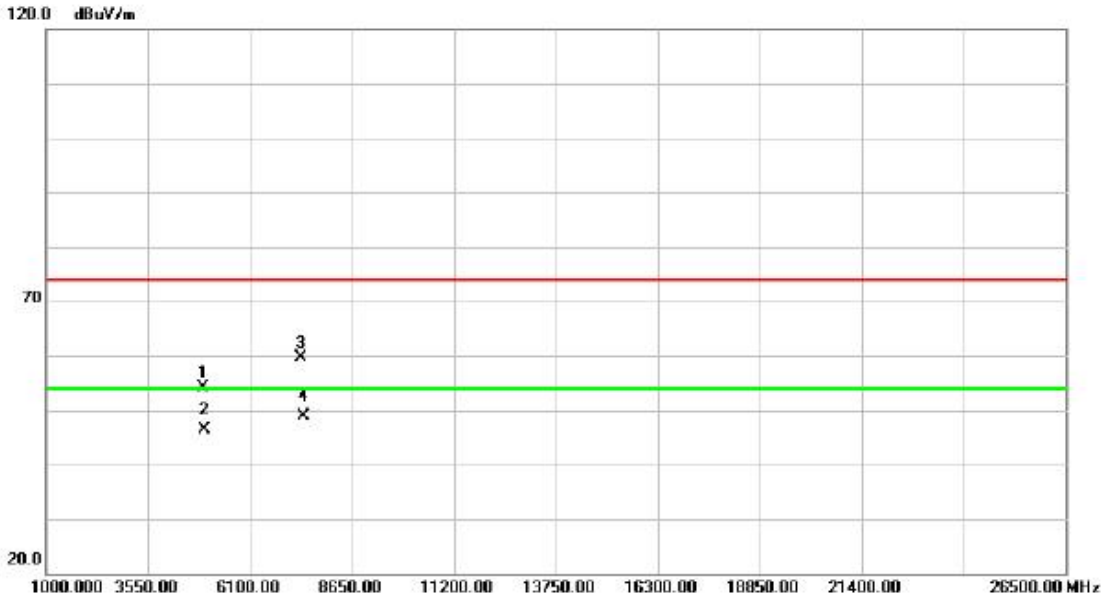
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2460.800	75.99	31.36	107.35	74.00	33.35	peak	NO LIMIT
2	*	2460.800	60.96	31.36	92.32	54.00	38.32	AVG	NO LIMIT
3		2483.500	39.99	31.46	71.45	74.00	-2.55	peak	
4		2483.500	20.51	31.46	51.97	54.00	-2.03	AVG	

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

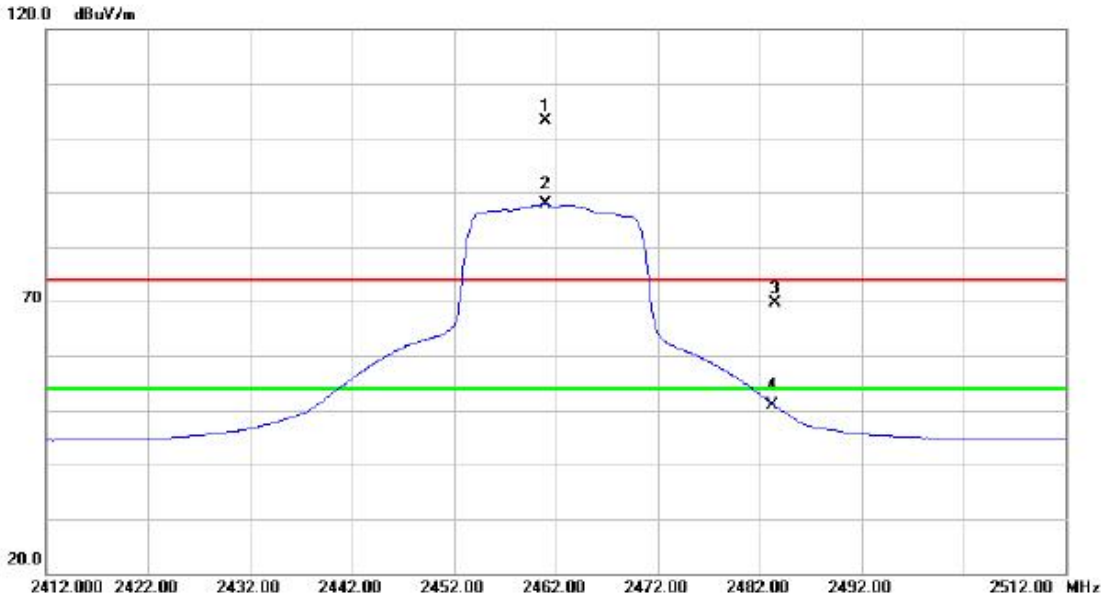
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.450	47.36	6.77	54.13	74.00	-19.87	peak	
2		4924.450	39.54	6.77	46.31	54.00	-7.69	AVG	
3		7385.750	43.63	15.98	59.61	74.00	-14.39	peak	
4	*	7385.750	32.85	15.98	48.83	54.00	-5.17	AVG	

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

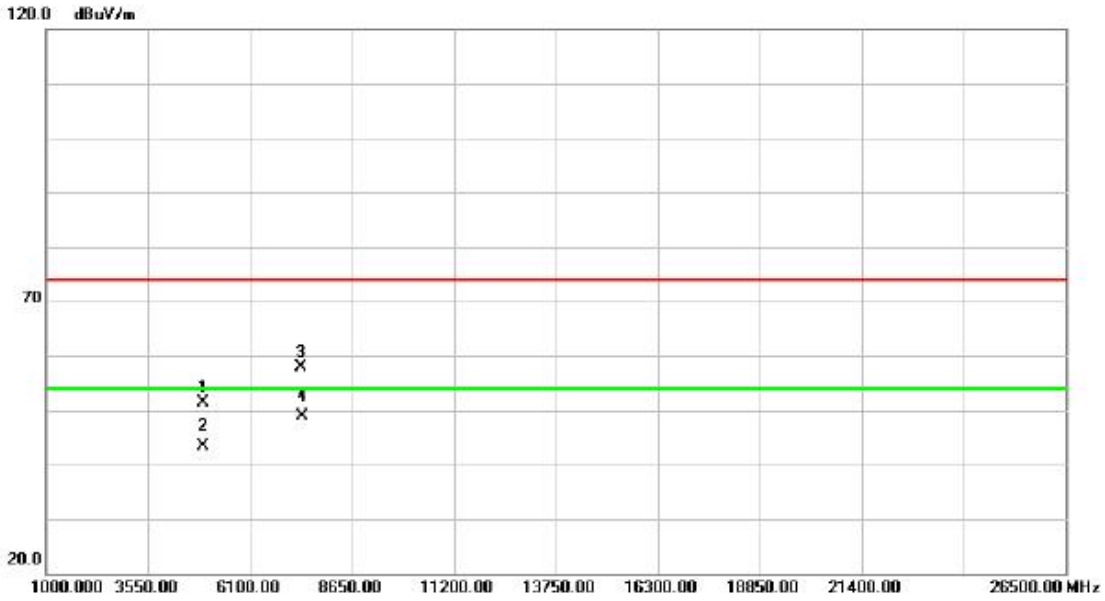
Horizontal



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	71.70	31.36	103.06	74.00	29.06	peak	NO LIMIT
2	*	2461.000	56.47	31.36	87.83	54.00	33.83	AVG	NO LIMIT
3		2483.500	38.07	31.46	69.53	74.00	-4.47	peak	
4		2483.500	19.40	31.46	50.86	54.00	-3.14	AVG	

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

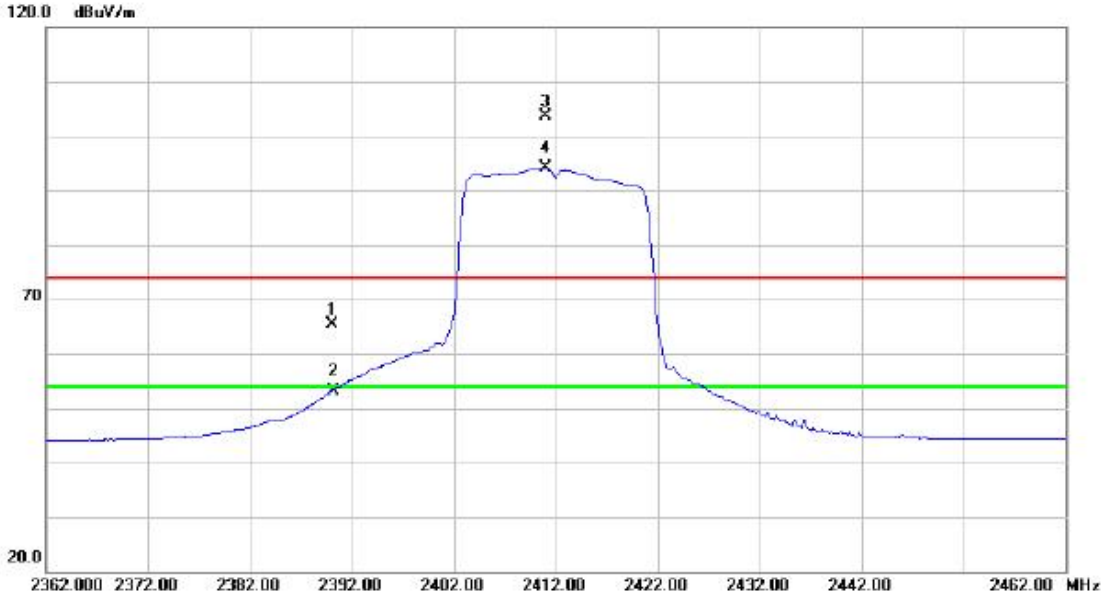
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4921.800	44.65	6.77	51.42	74.00	-22.58	peak	
2		4921.800	36.58	6.77	43.35	54.00	-10.65	AVG	
3		7384.500	41.99	15.98	57.97	74.00	-16.03	peak	
4	*	7384.500	32.91	15.98	48.89	54.00	-5.11	AVG	

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

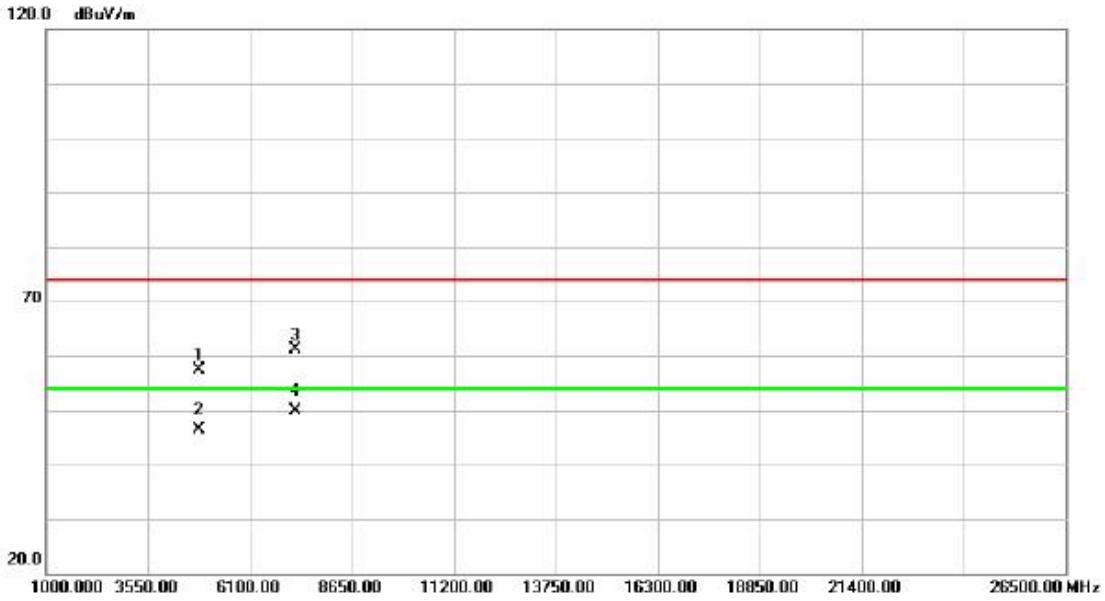
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	34.30	31.02	65.32	74.00	-8.68	peak	
2		2390.000	22.20	31.02	53.22	54.00	-0.78	AVG	
3	X	2411.000	72.55	31.12	103.67	74.00	29.67	peak	NO LIMIT
4	*	2411.000	62.93	31.12	94.05	54.00	40.05	AVG	NO LIMIT

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

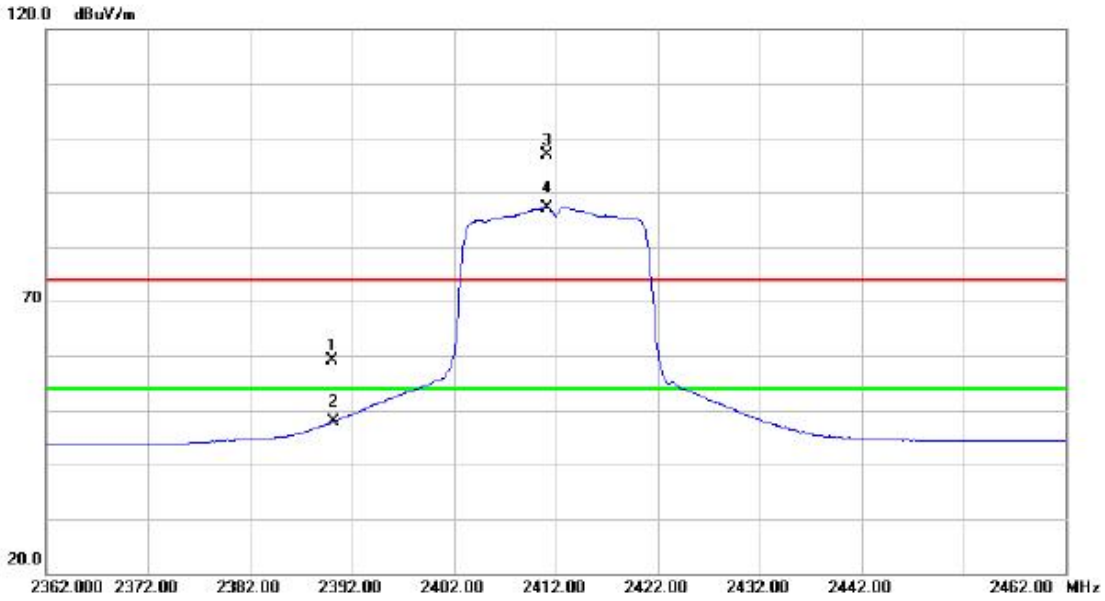
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4820.000	50.69	6.78	57.47	74.00	-16.53	peak	
2		4820.000	39.66	6.78	46.44	54.00	-7.56	AVG	
3		7232.300	45.96	15.15	61.11	74.00	-12.89	peak	
4	*	7232.300	34.63	15.15	49.78	54.00	-4.22	AVG	

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

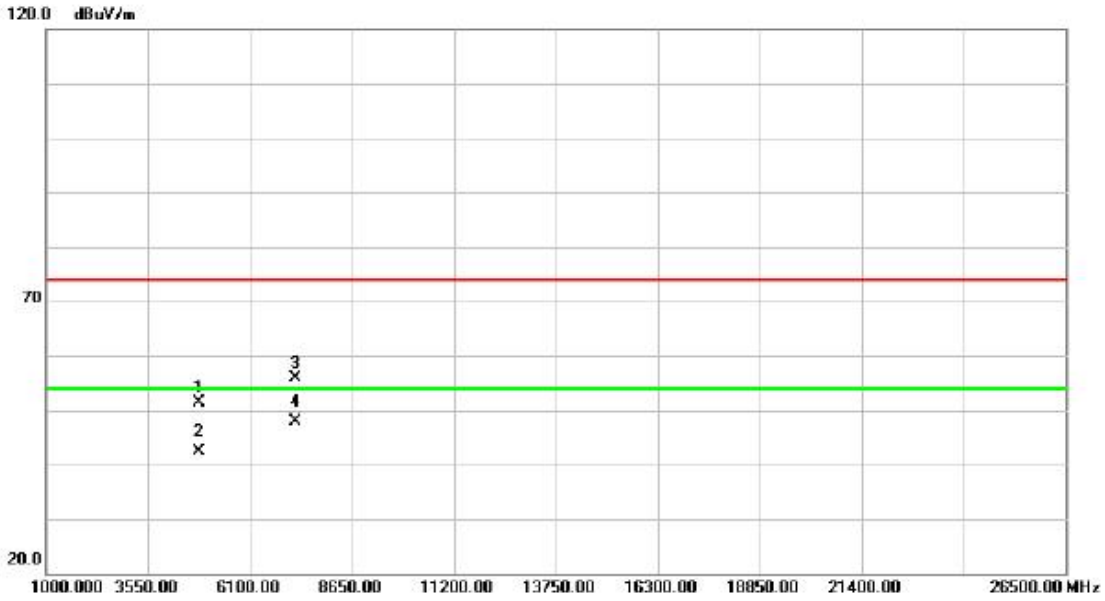
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	28.18	31.02	59.20	74.00	-14.80	peak	
2		2390.000	16.75	31.02	47.77	54.00	-6.23	AVG	
3	X	2411.100	65.80	31.12	96.92	74.00	22.92	peak	NO LIMIT
4	*	2411.100	56.13	31.12	87.25	54.00	33.25	AVG	NO LIMIT

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

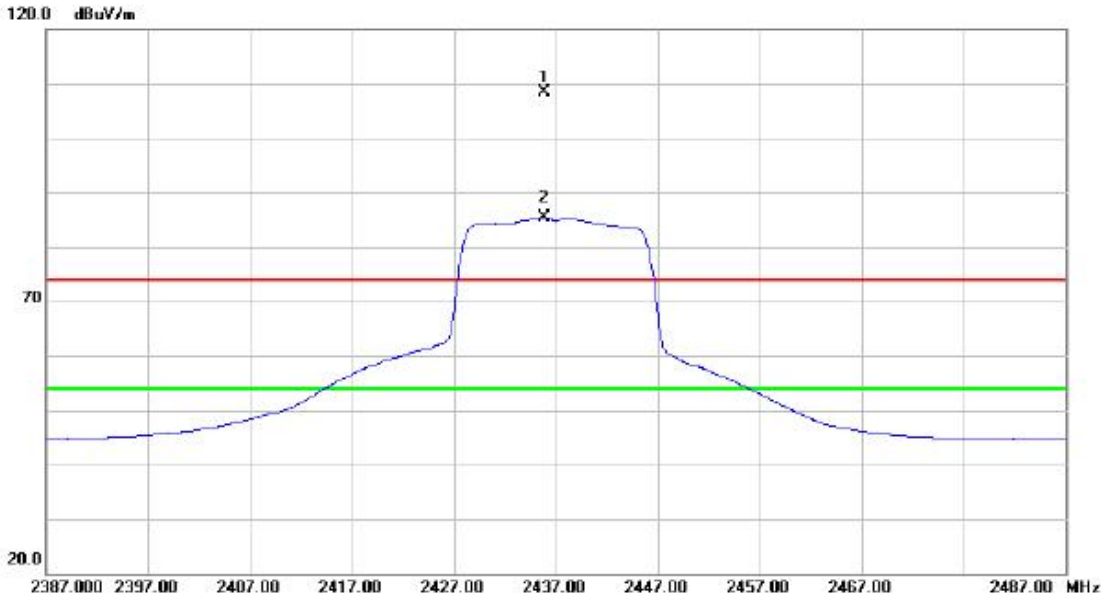
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.900	44.52	6.78	51.30	74.00	-22.70	peak	
2		4823.900	35.68	6.78	42.46	54.00	-11.54	AVG	
3		7236.600	40.69	15.17	55.86	74.00	-18.14	peak	
4	*	7236.600	32.69	15.17	47.86	54.00	-6.14	AVG	

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

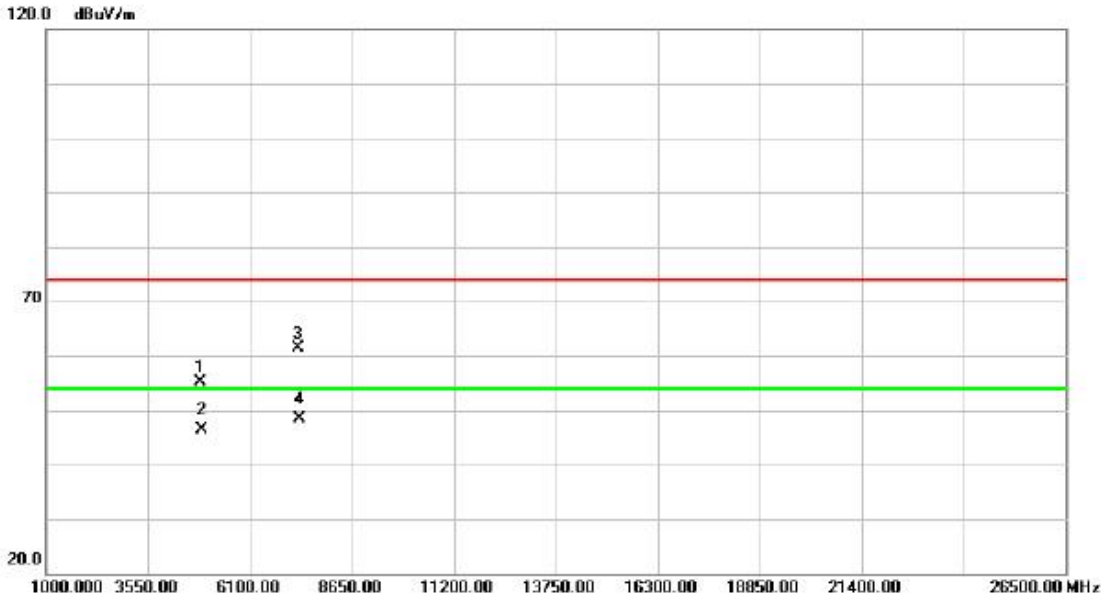
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2435.800	77.19	31.24	108.43	74.00	34.43	peak	NO LIMIT
2	X	2435.800	54.26	31.24	85.50	54.00	31.50	AVG	NO LIMIT

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

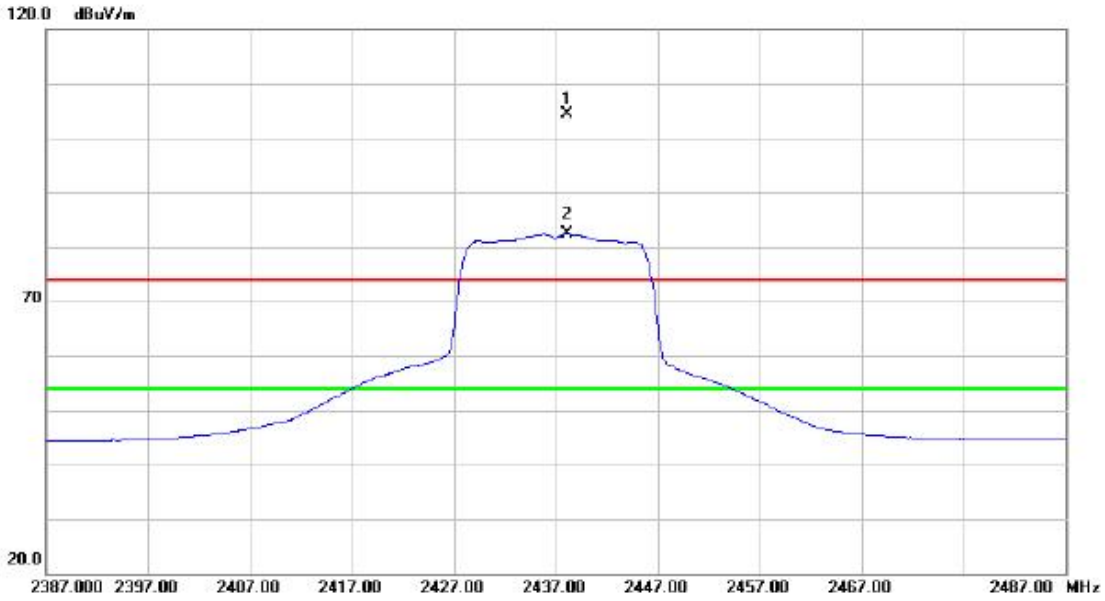
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4873.300	48.36	6.78	55.14	74.00	-18.86	peak	
2		4873.300	39.66	6.78	46.44	54.00	-7.56	AVG	
3		7312.300	45.69	15.59	61.28	74.00	-12.72	peak	
4	*	7312.300	32.80	15.59	48.39	54.00	-5.61	AVG	

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

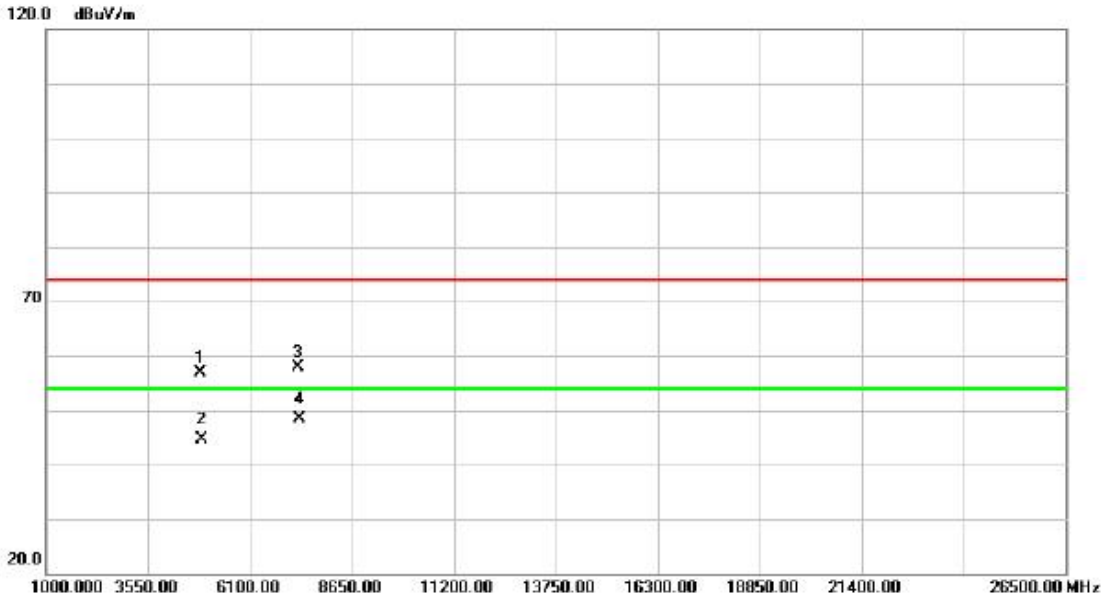
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2438.100	73.11	31.25	104.36	74.00	30.36	peak	NO LIMIT
2	X	2438.100	51.06	31.25	82.31	54.00	28.31	AVG	NO LIMIT

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

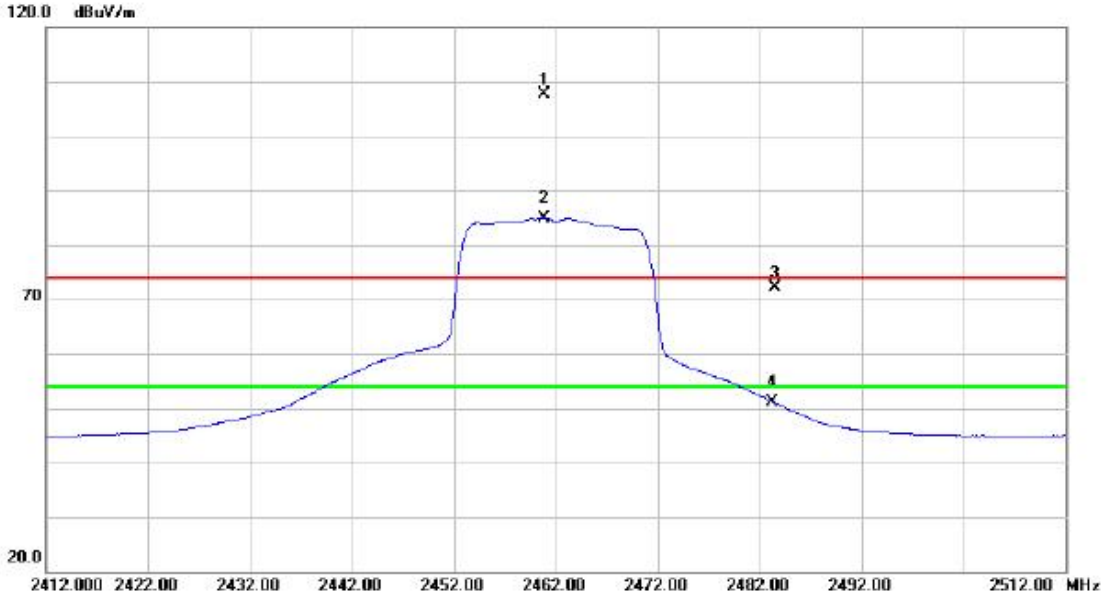
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4875.100	50.22	6.77	56.99	74.00	-17.01	peak	
2		4875.100	37.92	6.77	44.69	54.00	-9.31	AVG	
3		7312.300	42.22	15.59	57.81	74.00	-16.19	peak	
4	*	7312.300	32.89	15.59	48.48	54.00	-5.52	AVG	

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

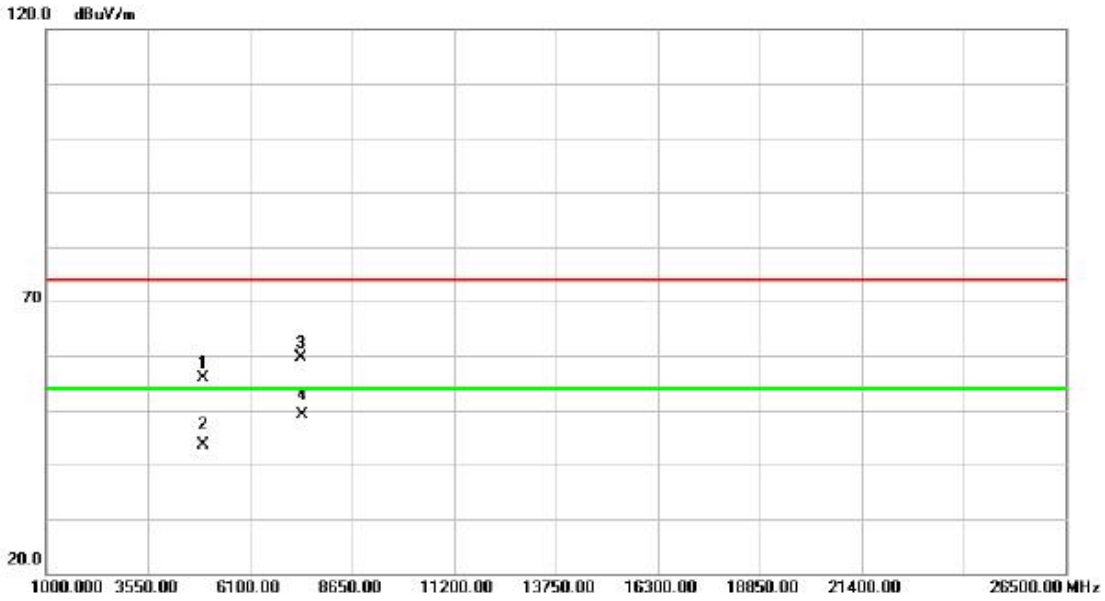
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2460.900	76.17	31.36	107.53	74.00	33.53	peak	NO LIMIT
2	X	2460.900	53.63	31.36	84.99	54.00	30.99	AVG	NO LIMIT
3		2483.500	40.71	31.46	72.17	74.00	-1.83	peak	
4		2483.500	19.55	31.46	51.01	54.00	-2.99	AVG	

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

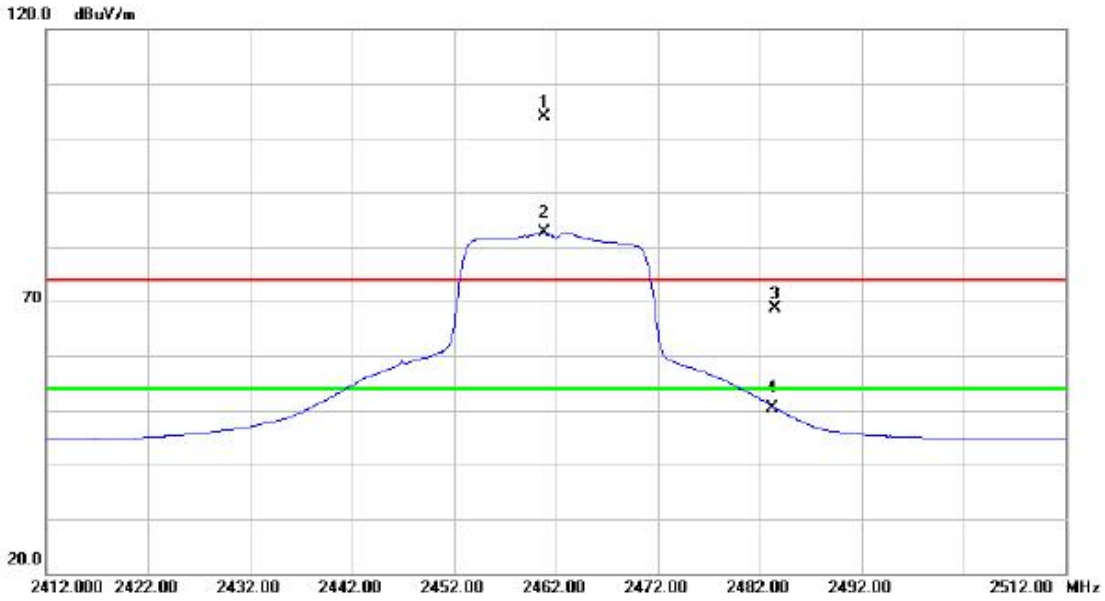
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4926.600	49.19	6.77	55.96	74.00	-18.04	peak	
2		4926.600	36.89	6.77	43.66	54.00	-10.34	AVG	
3		7391.700	43.69	16.01	59.70	74.00	-14.30	peak	
4	*	7391.700	33.01	16.01	49.02	54.00	-4.98	AVG	

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

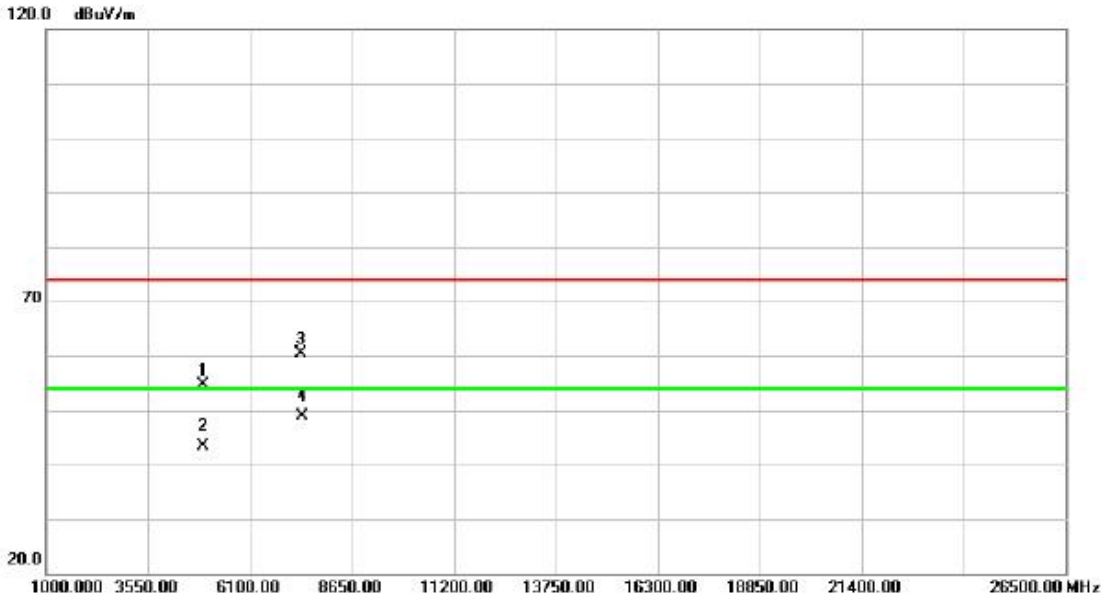
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2460.800	72.62	31.36	103.98	74.00	29.98	peak	NO LIMIT
2	X	2460.800	51.16	31.36	82.52	54.00	28.52	AVG	NO LIMIT
3		2483.500	37.10	31.46	68.56	74.00	-5.44	peak	
4		2483.500	18.98	31.46	50.44	54.00	-3.56	AVG	

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

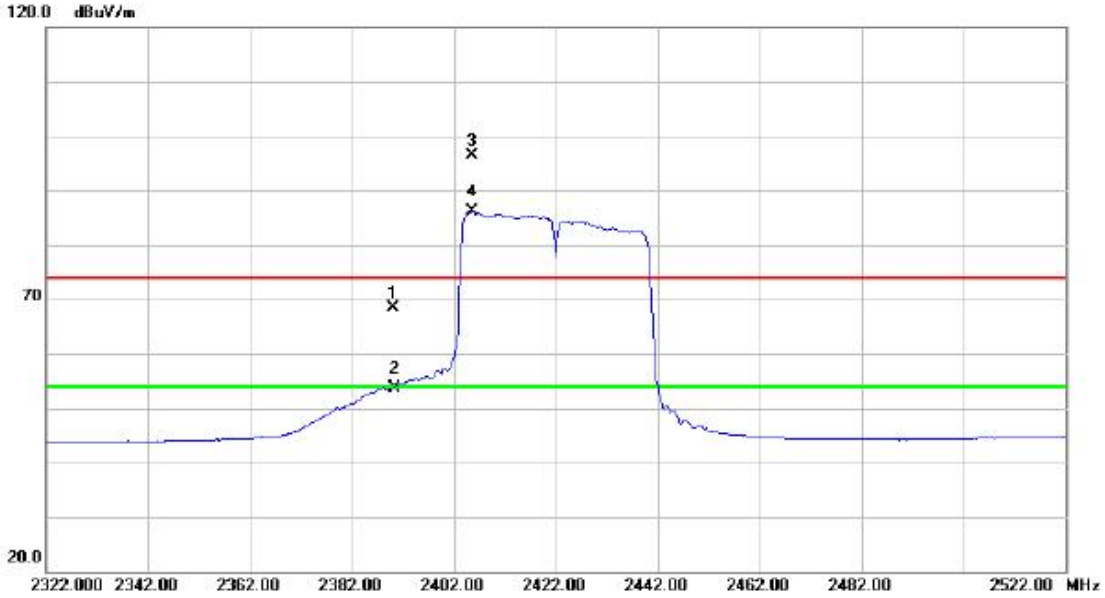
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4925.400	47.92	6.77	54.69	74.00	-19.31	peak	
2		4925.400	36.49	6.77	43.26	54.00	-10.74	AVG	
3		7387.900	44.31	15.99	60.30	74.00	-13.70	peak	
4	*	7387.900	32.89	15.99	48.88	54.00	-5.12	AVG	

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

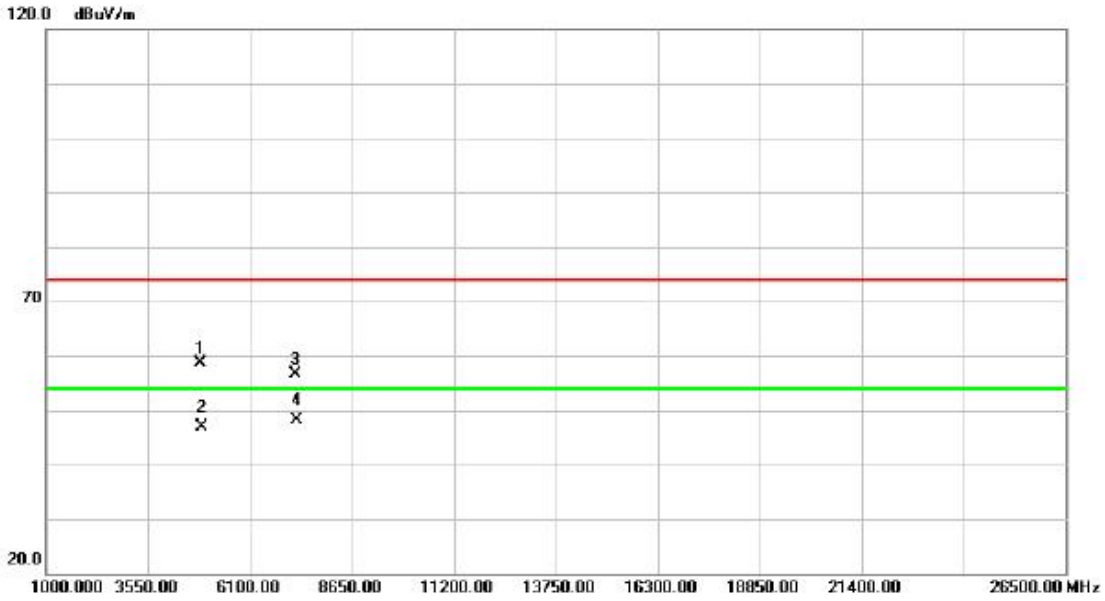
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	37.34	31.02	68.36	74.00	-5.64	peak	
2		2390.000	22.62	31.02	53.64	54.00	-0.36	AVG	
3	X	2405.600	65.25	31.10	96.35	74.00	22.35	peak	NO LIMIT
4	*	2405.600	55.09	31.10	86.19	54.00	32.19	AVG	NO LIMIT

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

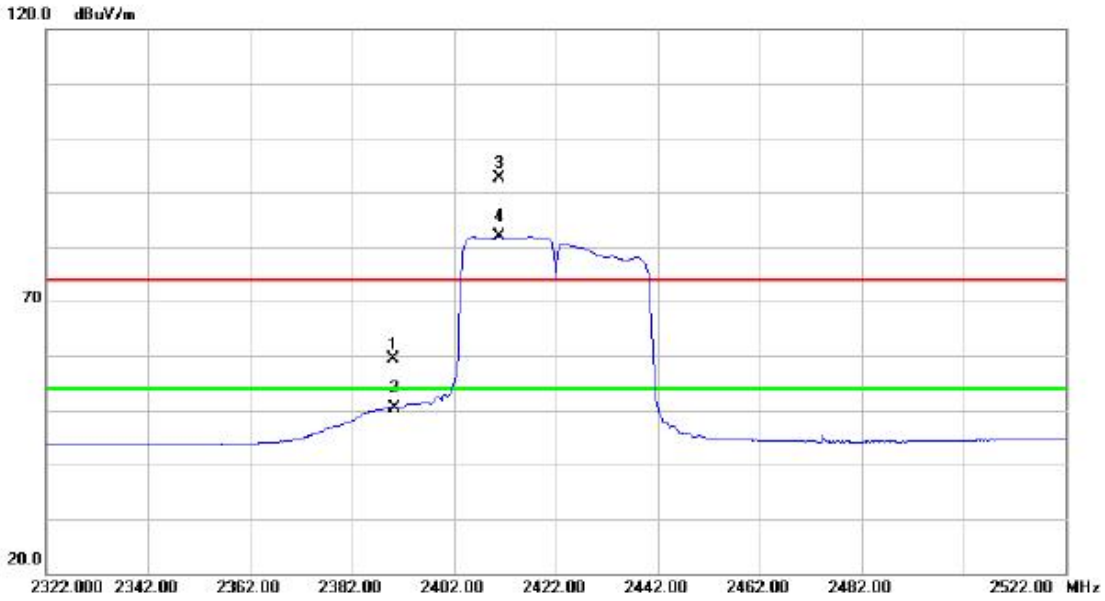
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4853.625	51.88	6.78	58.66	74.00	-15.34	peak	
2		4853.625	40.07	6.78	46.85	54.00	-7.15	AVG	
3		7249.375	41.38	15.24	56.62	74.00	-17.38	peak	
4	*	7249.375	32.88	15.24	48.12	54.00	-5.88	AVG	

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

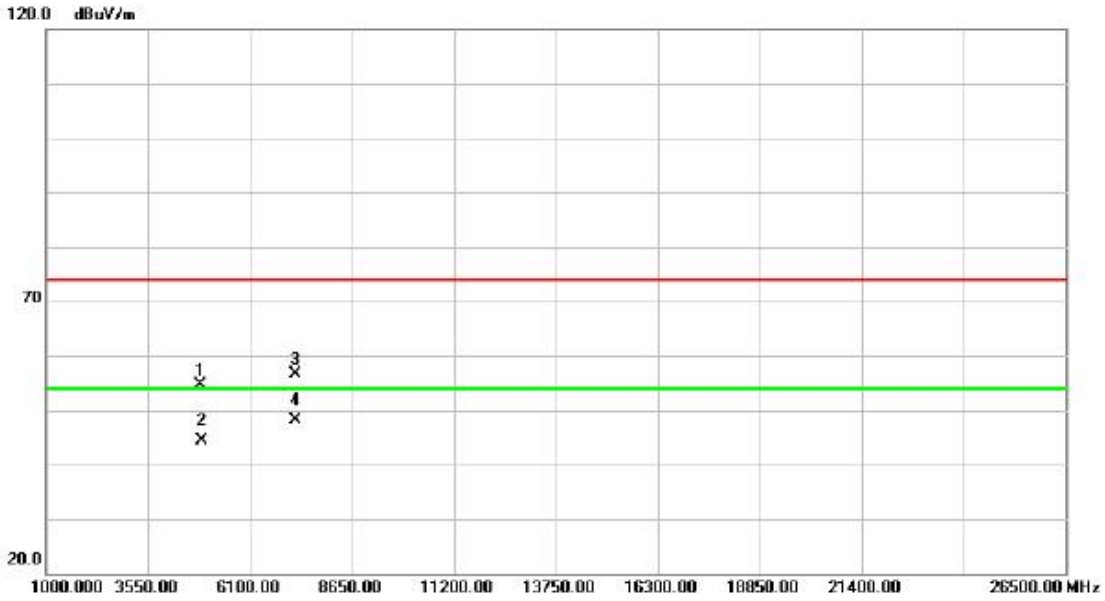
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	28.30	31.02	59.32	74.00	-14.68	peak	
2		2390.000	19.42	31.02	50.44	54.00	-3.56	AVG	
3	X	2410.800	61.40	31.12	92.52	74.00	18.52	peak	NO LIMIT
4	*	2410.800	50.84	31.12	81.96	54.00	27.96	AVG	NO LIMIT

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

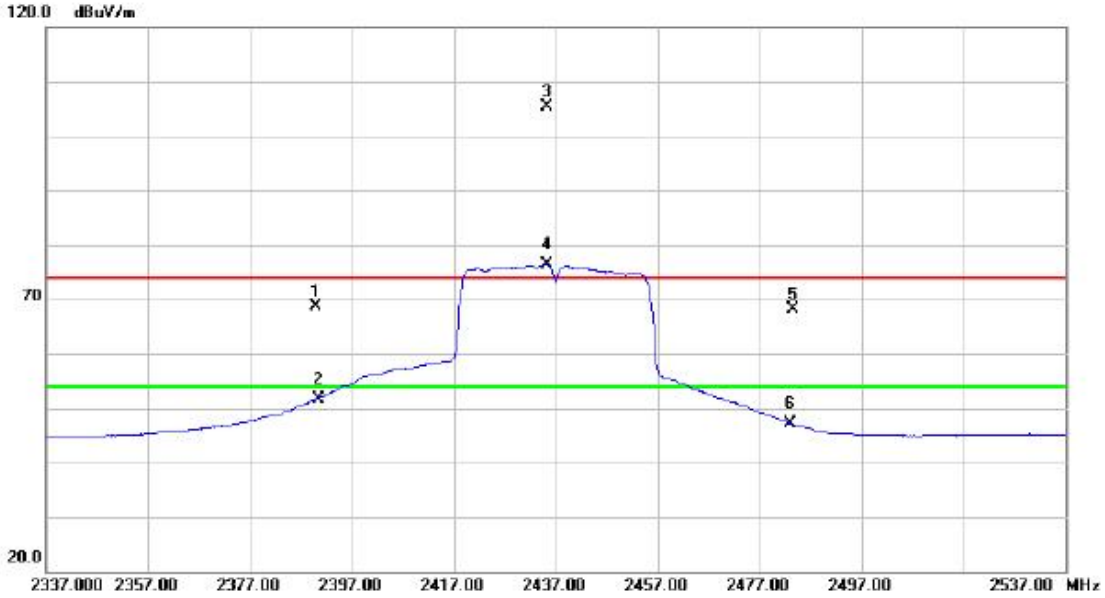
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4852.000	47.83	6.78	54.61	74.00	-19.39	peak	
2		4852.000	37.61	6.78	44.39	54.00	-9.61	AVG	
3		7247.500	41.30	15.23	56.53	74.00	-17.47	peak	
4	*	7247.500	32.85	15.23	48.08	54.00	-5.92	AVG	

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

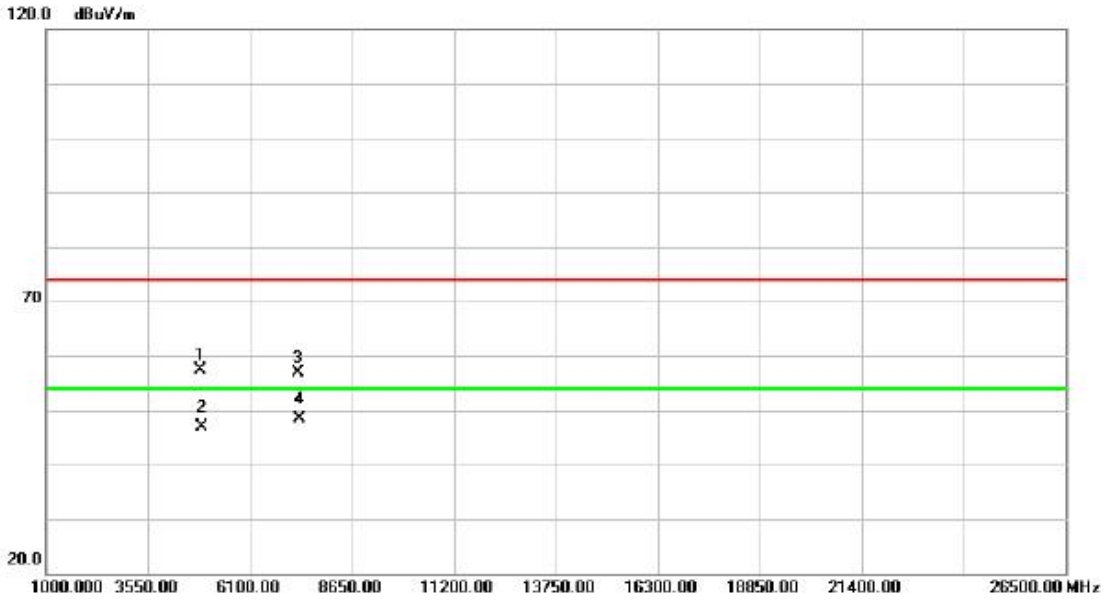
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	37.55	31.02	68.57	74.00	-5.43	peak	
2		2390.000	20.73	31.02	51.75	54.00	-2.25	AVG	
3	*	2435.200	74.14	31.23	105.37	74.00	31.37	peak	NO LIMIT
4	X	2435.200	45.12	31.23	76.35	54.00	22.35	AVG	NO LIMIT
5		2483.500	36.56	31.46	68.02	74.00	-5.98	peak	
6		2483.500	15.58	31.46	47.04	54.00	-6.96	AVG	

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

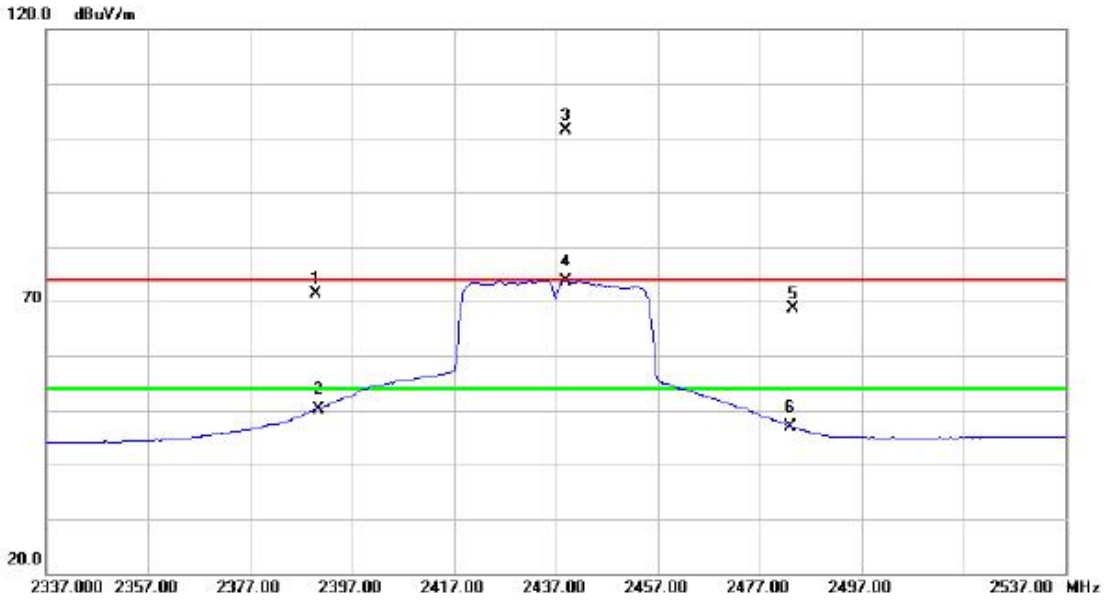
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4871.250	50.60	6.78	57.38	74.00	-16.62	peak	
2		4871.250	40.17	6.78	46.95	54.00	-7.05	AVG	
3		7321.500	41.19	15.64	56.83	74.00	-17.17	peak	
4	*	7321.500	32.83	15.64	48.47	54.00	-5.53	AVG	

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

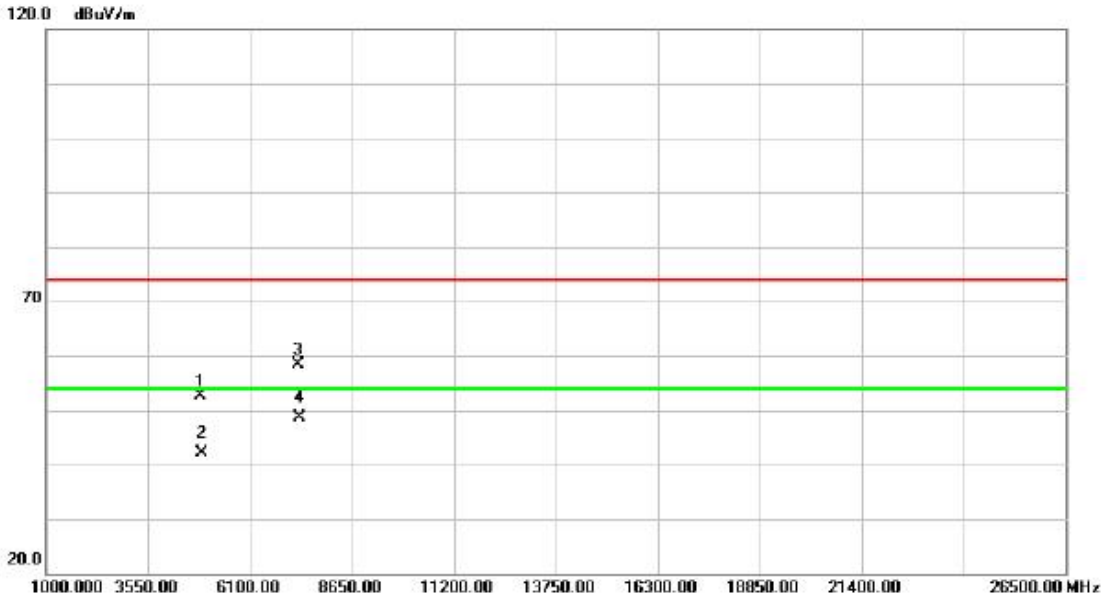
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	40.35	31.02	71.37	74.00	-2.63	peak	
2		2390.000	19.17	31.02	50.19	54.00	-3.81	AVG	
3	*	2439.000	70.09	31.25	101.34	74.00	27.34	peak	NO LIMIT
4	X	2439.000	42.47	31.25	73.72	54.00	19.72	AVG	NO LIMIT
5		2483.500	37.25	31.46	68.71	74.00	-5.29	peak	
6		2483.500	15.39	31.46	46.85	54.00	-7.15	AVG	

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

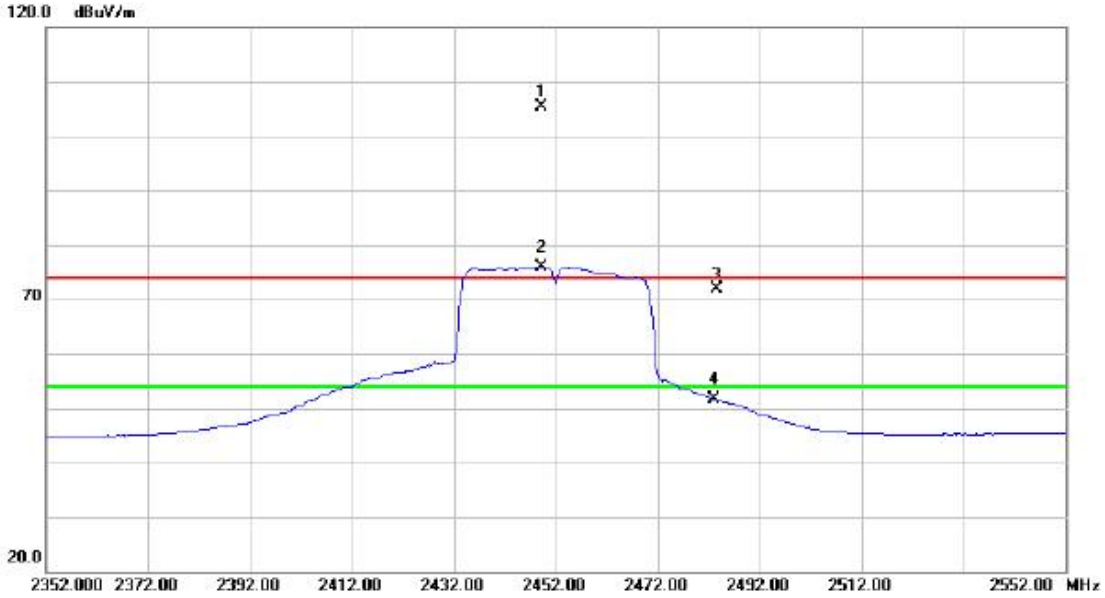
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4875.250	45.94	6.77	52.71	74.00	-21.29	peak	
2		4875.250	35.41	6.77	42.18	54.00	-11.82	AVG	
3		7316.250	42.73	15.61	58.34	74.00	-15.66	peak	
4	*	7316.250	32.99	15.61	48.60	54.00	-5.40	AVG	

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

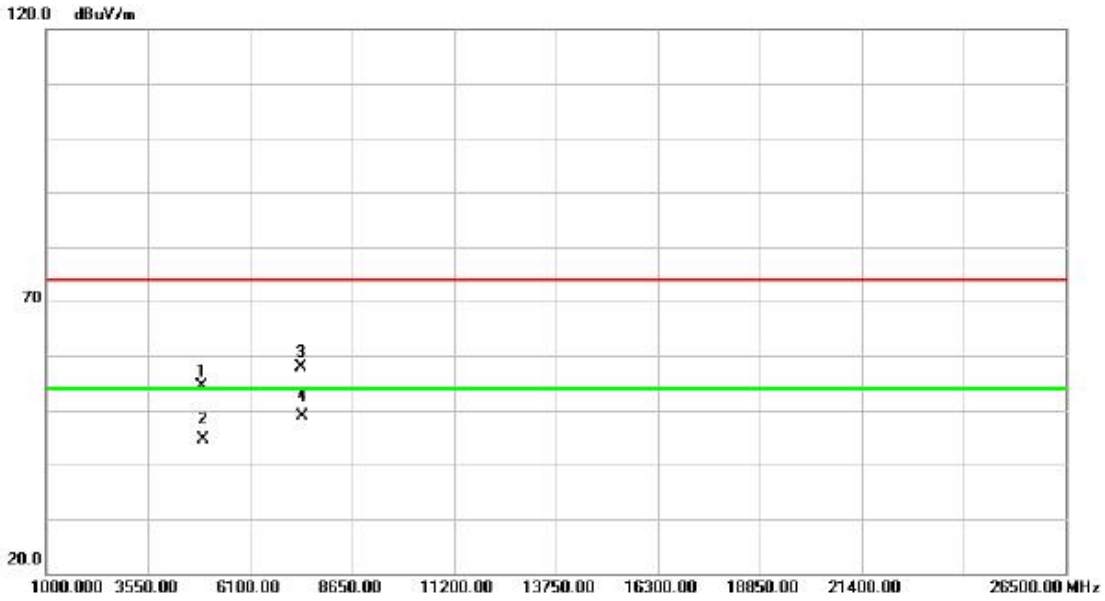
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2449.200	74.00	31.30	105.30	74.00	31.30	peak	NO LIMIT
2	X	2449.200	44.69	31.30	75.99	54.00	21.99	AVG	NO LIMIT
3		2483.500	40.43	31.46	71.89	74.00	-2.11	peak	
4		2483.500	20.10	31.46	51.56	54.00	-2.44	AVG	

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

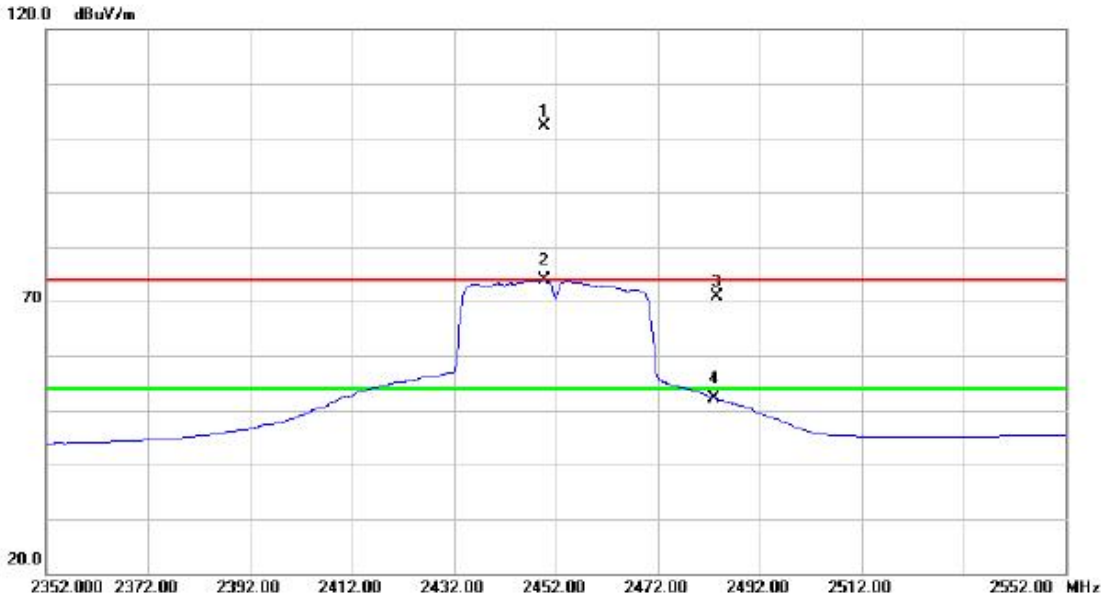
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.500	47.69	6.77	54.46	74.00	-19.54	peak	
2		4904.500	37.74	6.77	44.51	54.00	-9.49	AVG	
3		7391.500	41.75	16.01	57.76	74.00	-16.24	peak	
4	*	7391.500	32.91	16.01	48.92	54.00	-5.08	AVG	

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

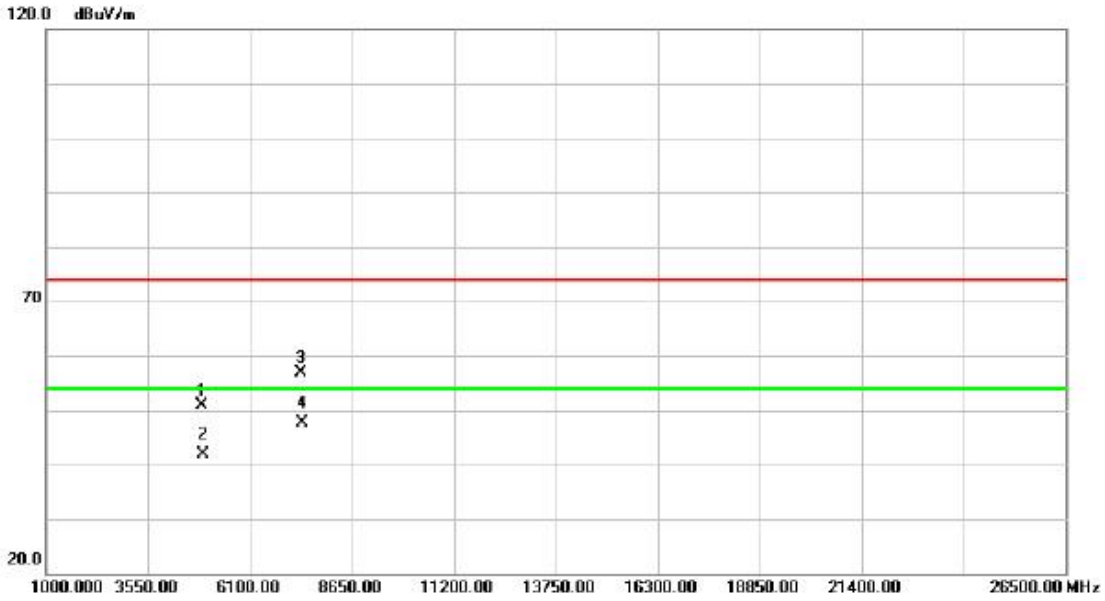
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2449.800	70.71	31.30	102.01	74.00	28.01	peak	NO LIMIT
2	X	2449.800	42.54	31.30	73.84	54.00	19.84	AVG	NO LIMIT
3		2483.500	39.43	31.46	70.89	74.00	-3.11	peak	
4		2483.500	20.66	31.46	52.12	54.00	-1.88	AVG	

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

Horizontal



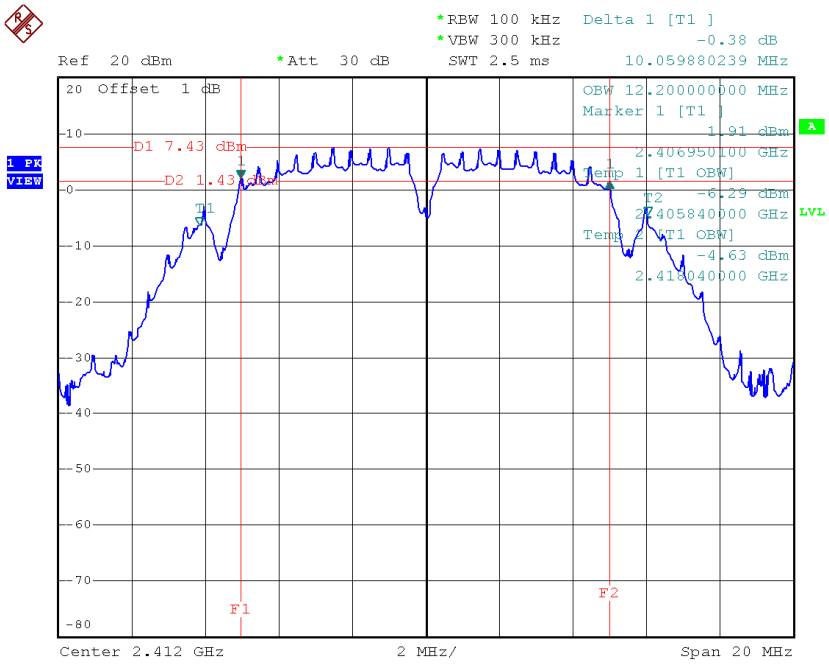
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4907.500	44.05	6.77	50.82	74.00	-23.18	peak	
2		4907.500	35.12	6.77	41.89	54.00	-12.11	AVG	
3		7389.250	40.86	16.00	56.86	74.00	-17.14	peak	
4	*	7389.250	31.54	16.00	47.54	54.00	-6.46	AVG	

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

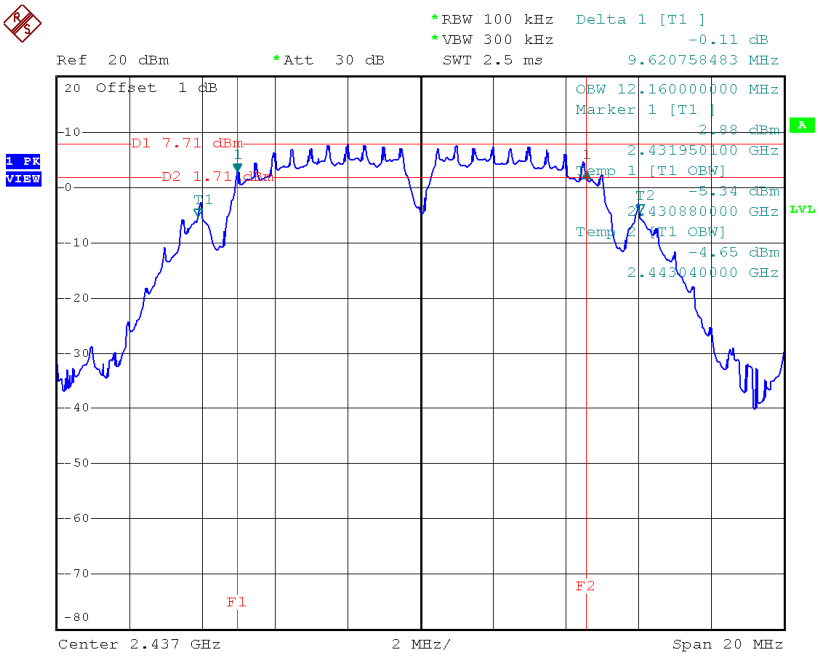
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.06	12.20	500	Complies
2437	9.62	12.16	500	Complies
2462	10.14	12.16	500	Complies

TX CH01



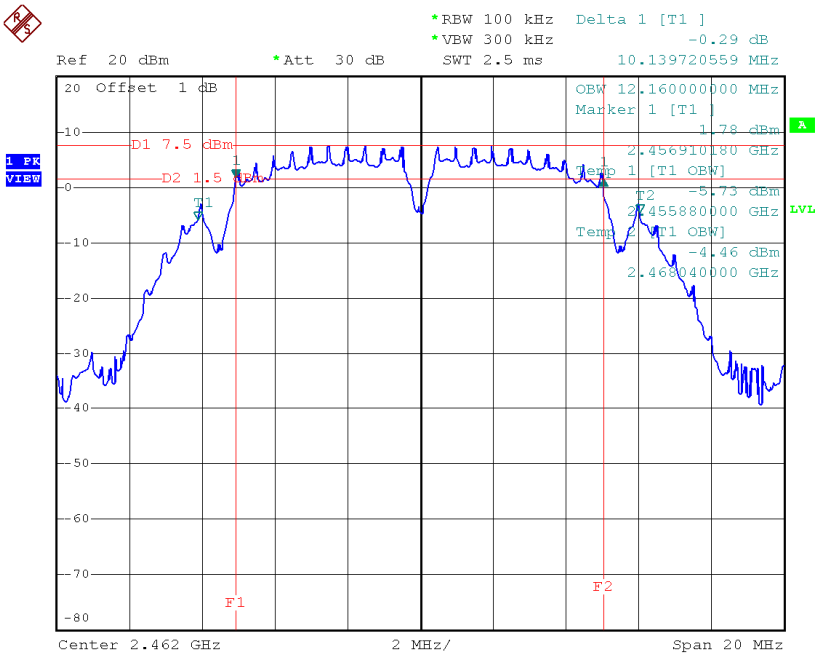
Date: 30.JAN.2015 13:36:24

TX CH06



Date: 30.JAN.2015 13:47:21

TX CH11

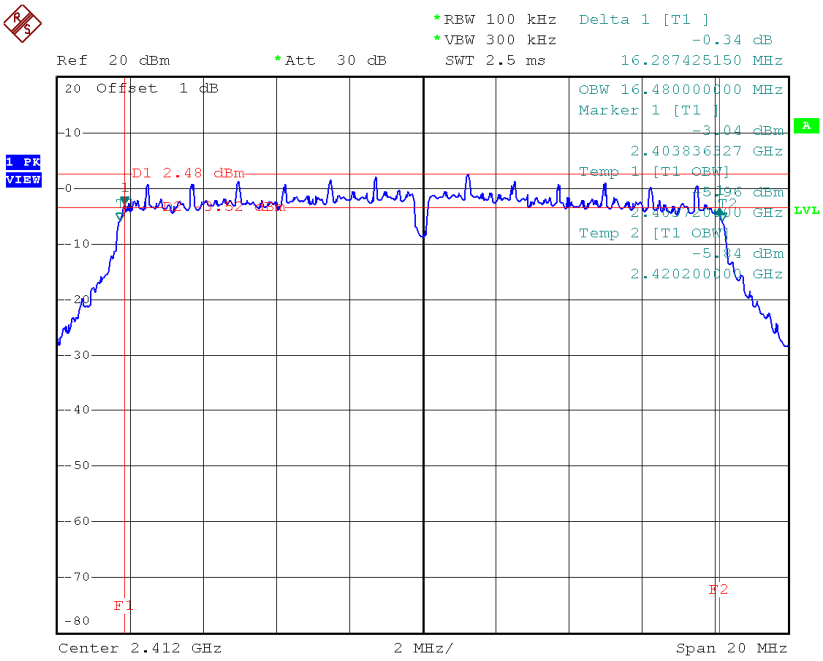


Date: 30.JAN.2015 13:49:22

Test Mode: TX G Mode_CH01/06/11

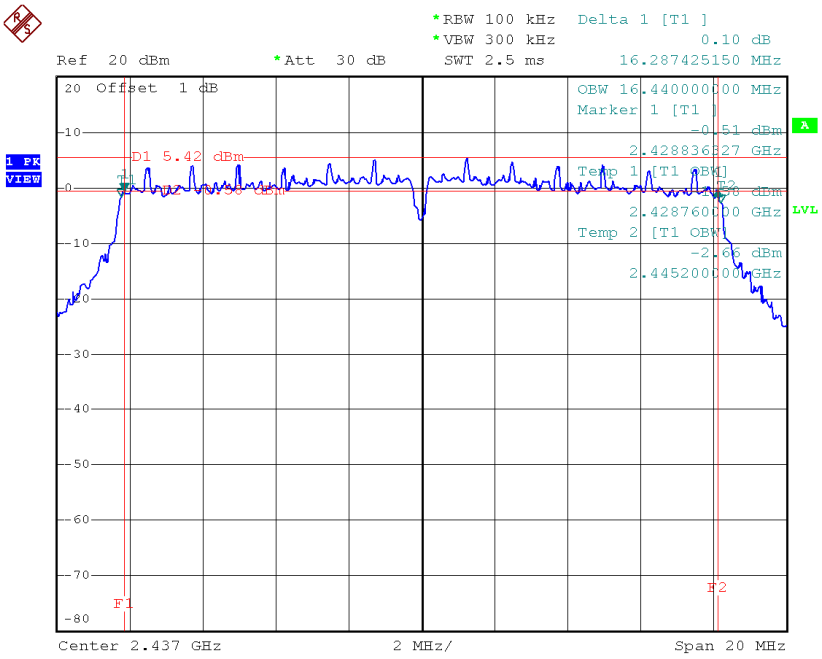
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.29	16.48	500	Complies
2437	16.29	16.44	500	Complies
2462	16.37	16.48	500	Complies

TX CH01



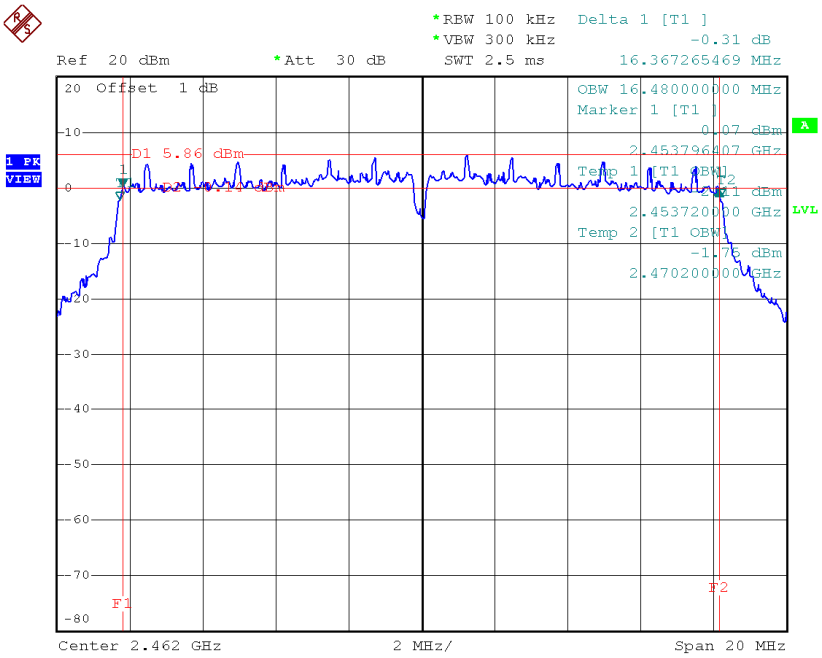
Date: 30.JAN.2015 13:54:56

TX CH06



Date: 30.JAN.2015 13:57:04

TX CH11

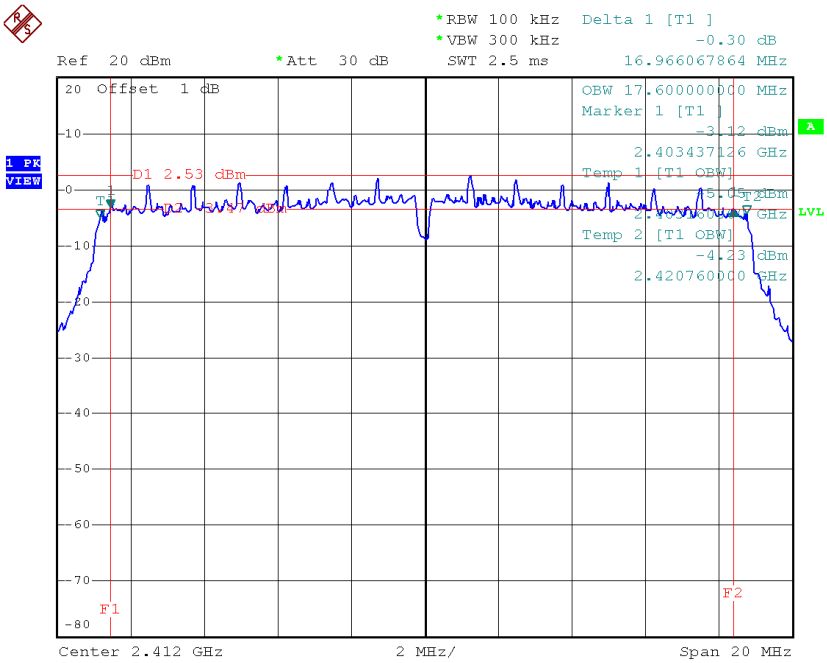


Date: 30.JAN.2015 14:07:19

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

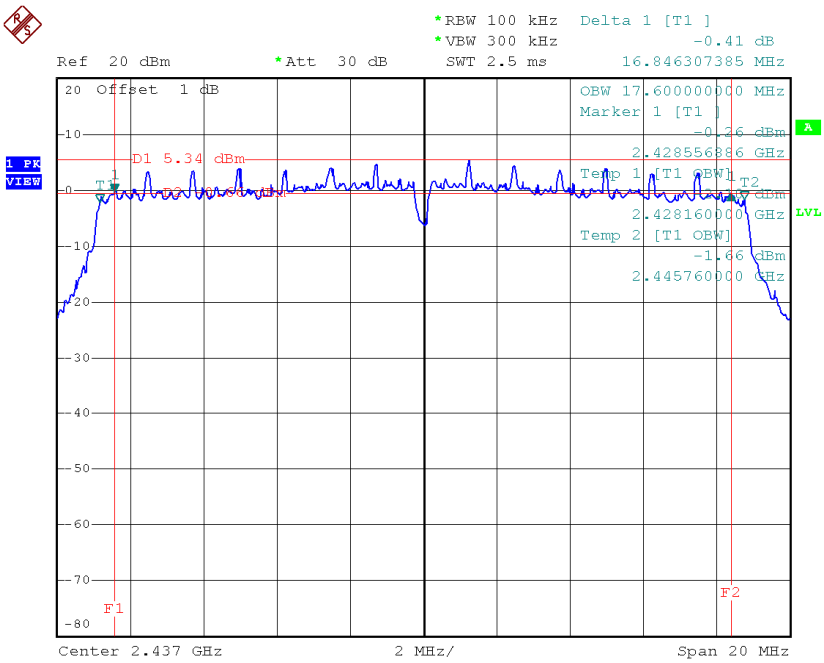
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.97	17.60	500	Complies
2437	16.85	17.60	500	Complies
2462	16.93	17.60	500	Complies

TX CH01



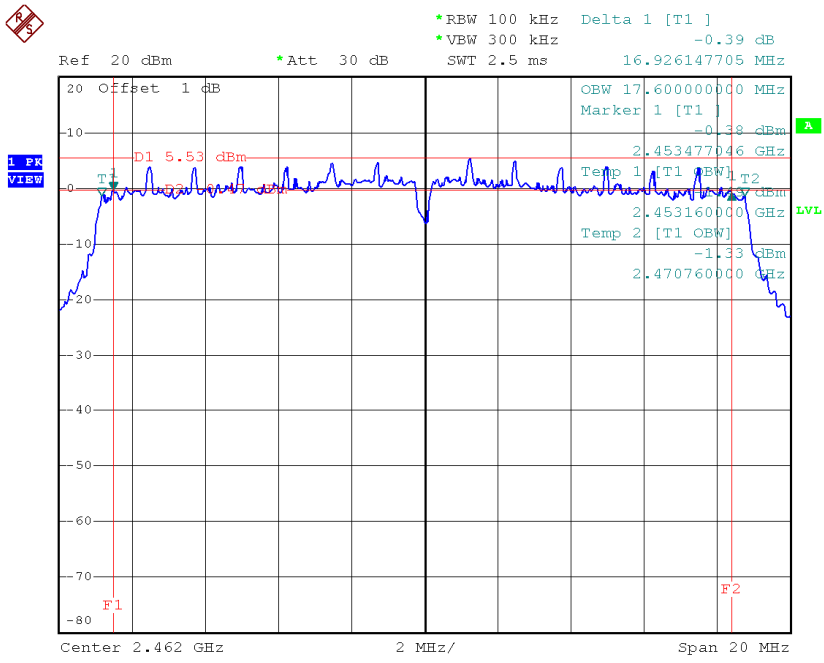
Date: 30.JAN.2015 14:16:33

TX CH06



Date: 30.JAN.2015 14:45:55

TX CH11

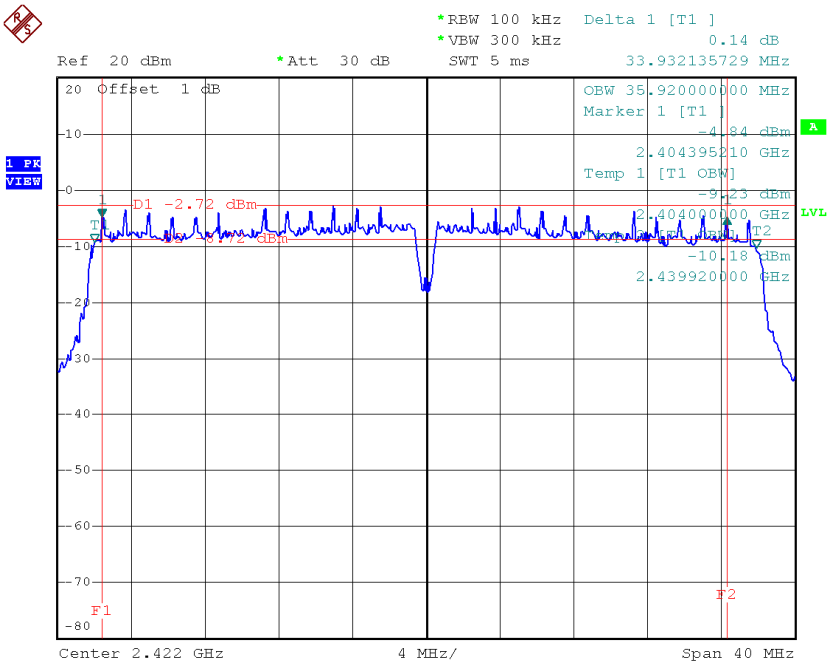


Date: 30.JAN.2015 14:48:20

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

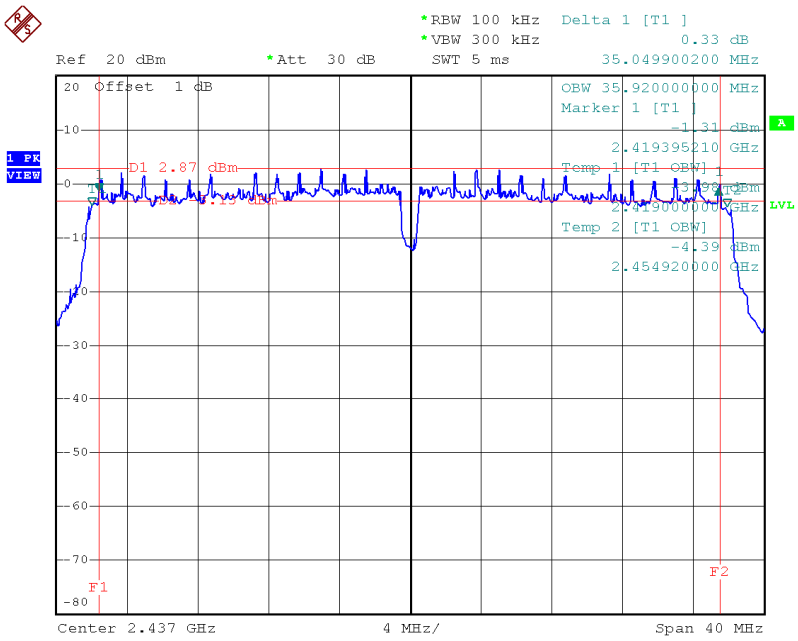
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	33.93	35.92	500	Complies
2437	35.05	35.92	500	Complies
2452	34.01	35.92	500	Complies

TX CH03



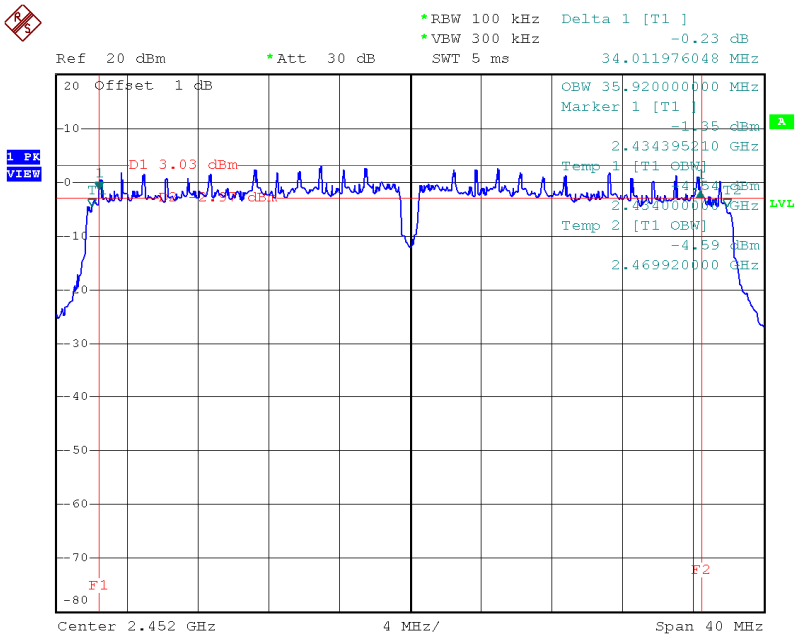
Date: 30.JAN.2015 15:12:56

TX CH06



Date: 30.JAN.2015 15:24:03

TX CH09



Date: 30.JAN.2015 15:29:33

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	19.21	0.08	30.00	1.00	Complies
2437	18.92	0.08	30.00	1.00	Complies
2462	19.02	0.08	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	21.45	0.14	30.00	1.00	Complies
2437	22.34	0.17	30.00	1.00	Complies
2462	22.25	0.17	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.22	0.13	30.00	1.00	Complies
2437	22.34	0.17	30.00	1.00	Complies
2462	22.36	0.17	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.64	0.15	30.00	1.00	Complies
2437	23.24	0.21	30.00	1.00	Complies
2462	23.11	0.20	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.45	0.28	30.00	1.00	Complies
2437	25.82	0.38	30.00	1.00	Complies
2462	25.76	0.38	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	19.18	0.08	30.00	1.00	Complies
2437	22.89	0.19	30.00	1.00	Complies
2452	22.43	0.17	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	19.35	0.09	30.00	1.00	Complies
2437	23.21	0.21	30.00	1.00	Complies
2452	23.28	0.21	30.00	1.00	Complies

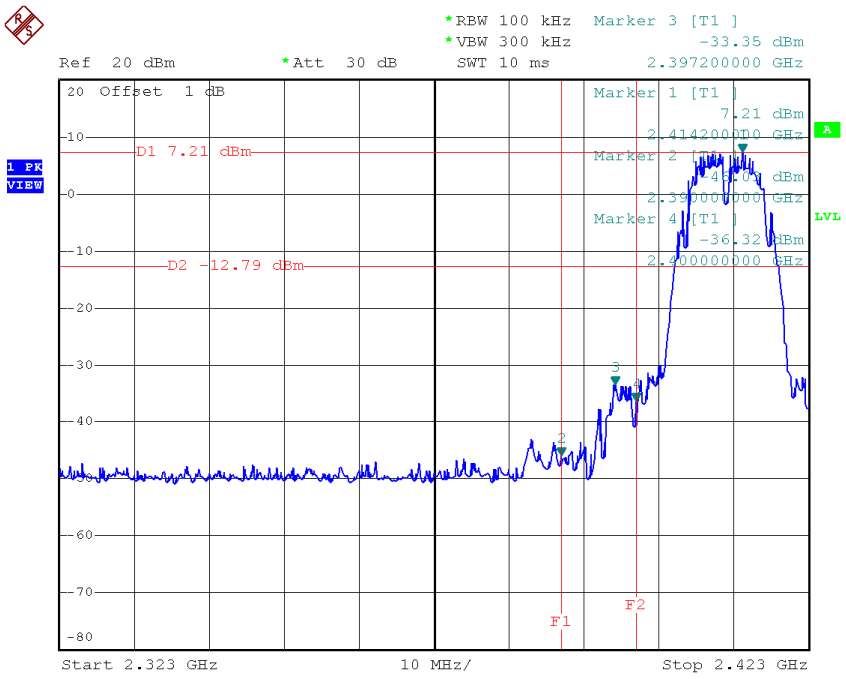
Test Mode :TX N40 Mode_CH03/06/09_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	22.28	0.17	30.00	1.00	Complies
2437	26.06	0.40	30.00	1.00	Complies
2452	25.89	0.39	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

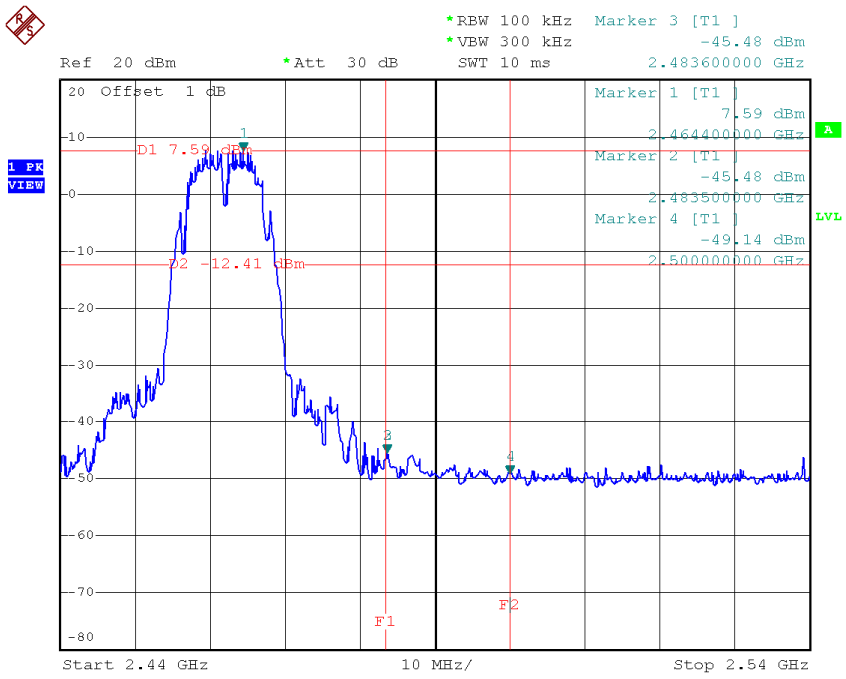
Test Mode :	TX B Mode

TX B mode CH01



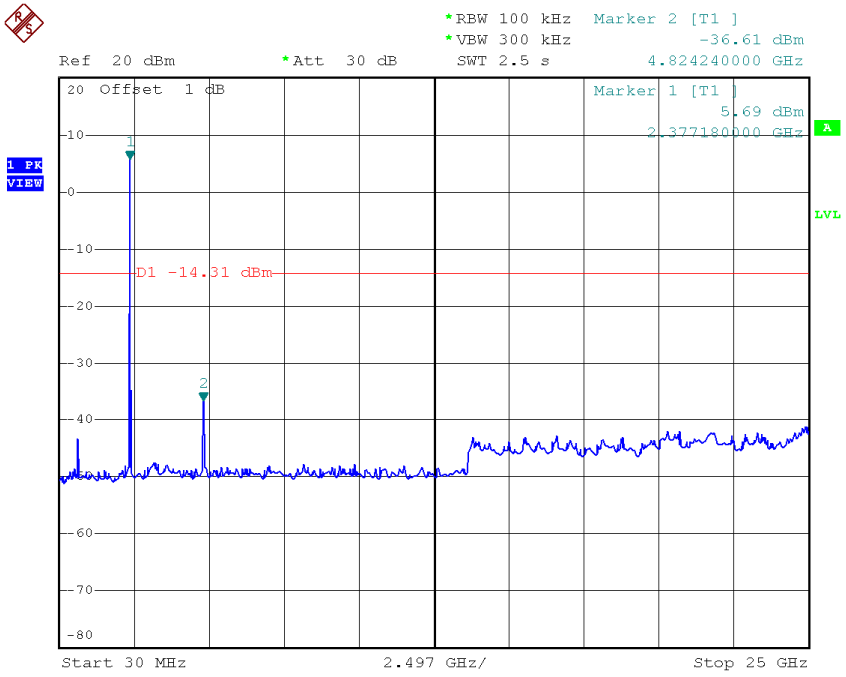
Date: 30.JAN.2015 13:36:43

TX B mode CH11



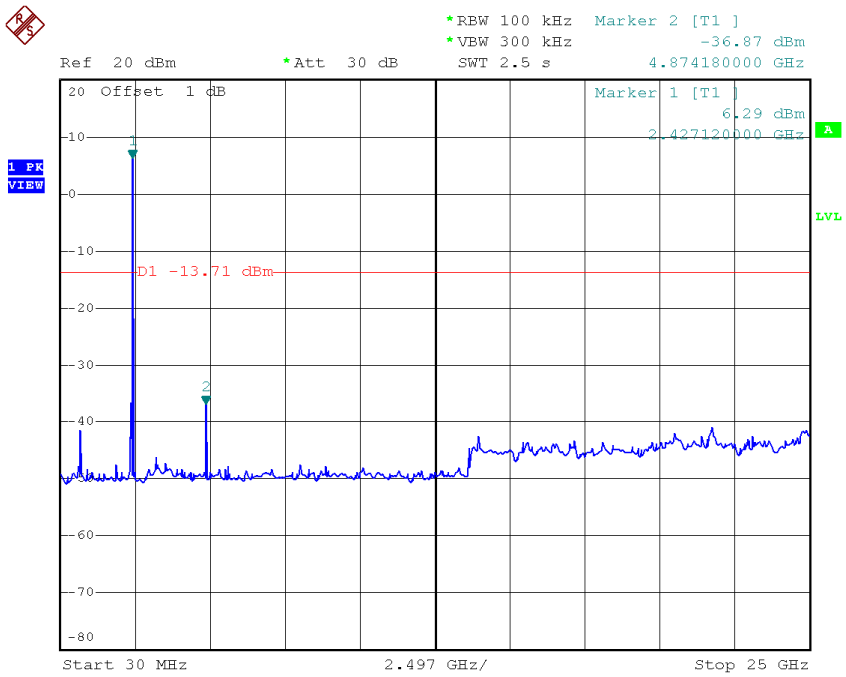
Date: 30.JAN.2015 13:49:42

TX B mode CH01 (10 Harmonic of the frequency)



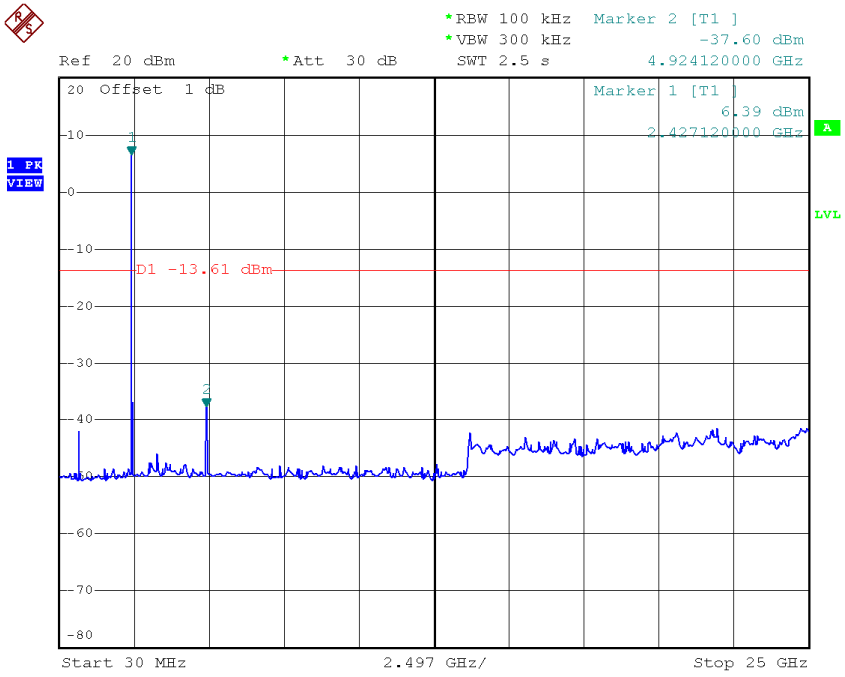
Date: 30.JAN.2015 13:35:59

TX B mode CH06 (10 Harmonic of the frequency)



Date: 30.JAN.2015 13:46:55

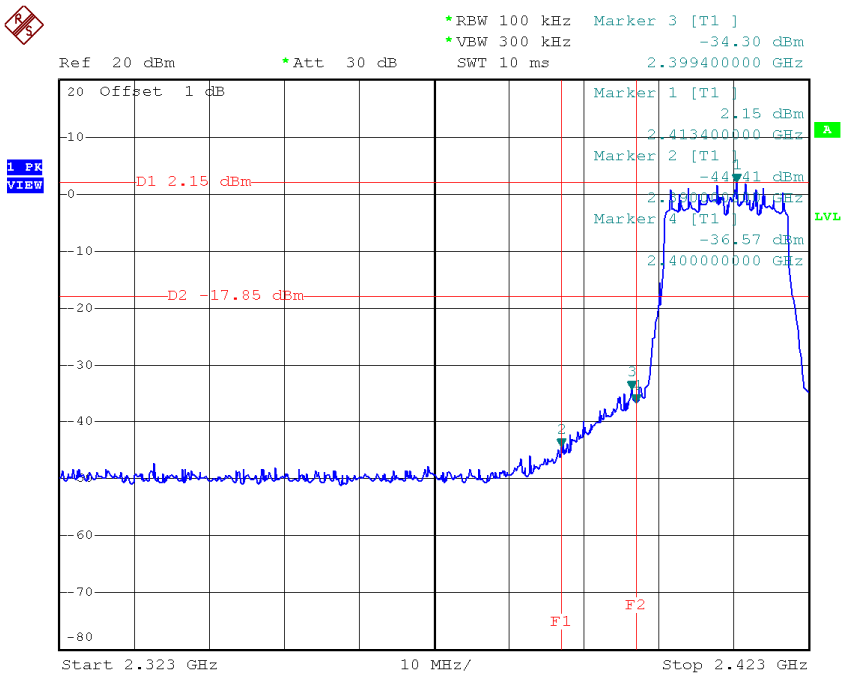
TX B mode CH11 (10 Harmonic of the frequency)



Date: 30.JAN.2015 13:48:57

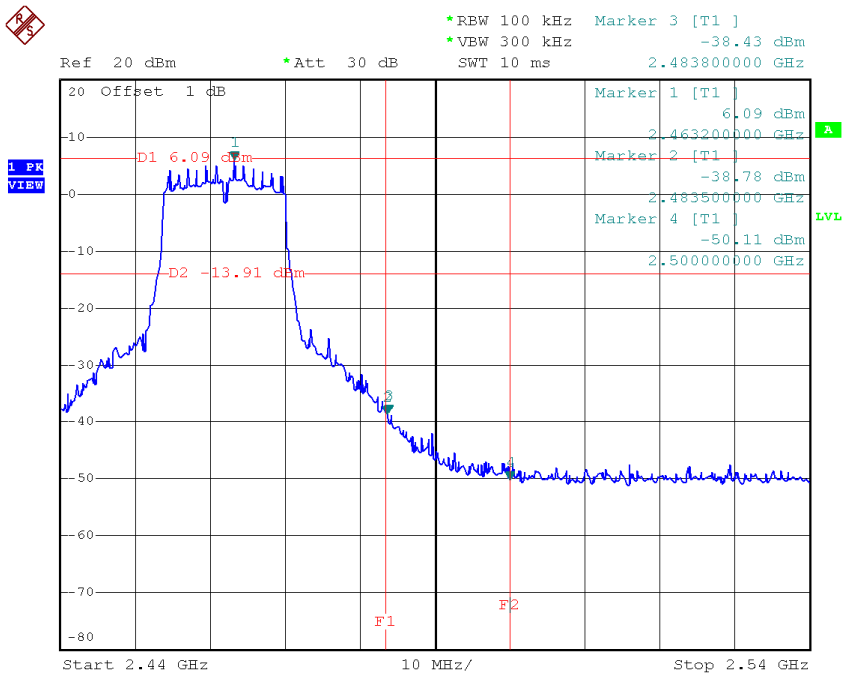
Test Mode :	TX G Mode

TX G mode CH01



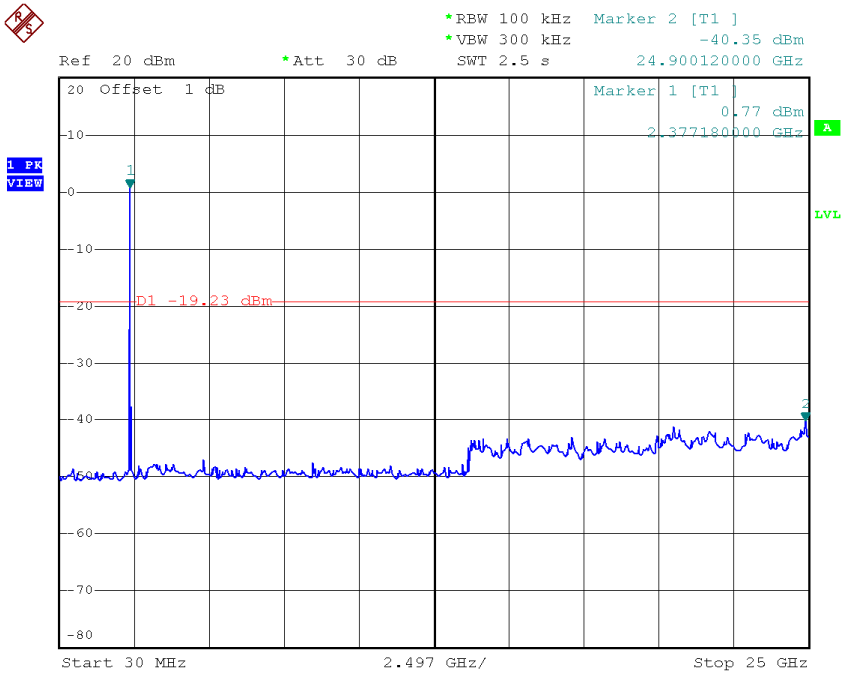
Date: 30.JAN.2015 13:55:16

TX G mode CH11



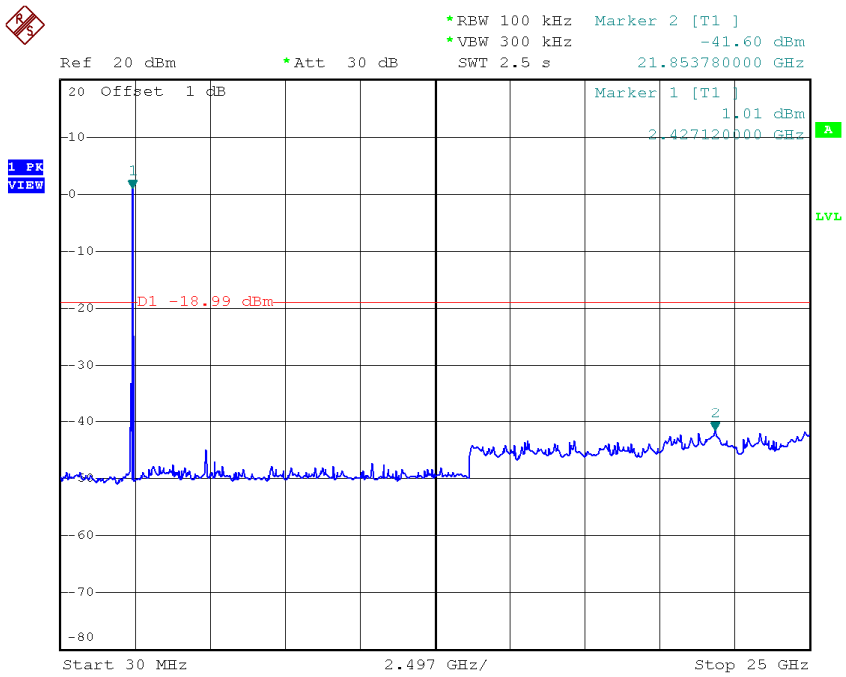
Date: 30.JAN.2015 14:07:39

TX G mode CH01 (10 Harmonic of the frequency)



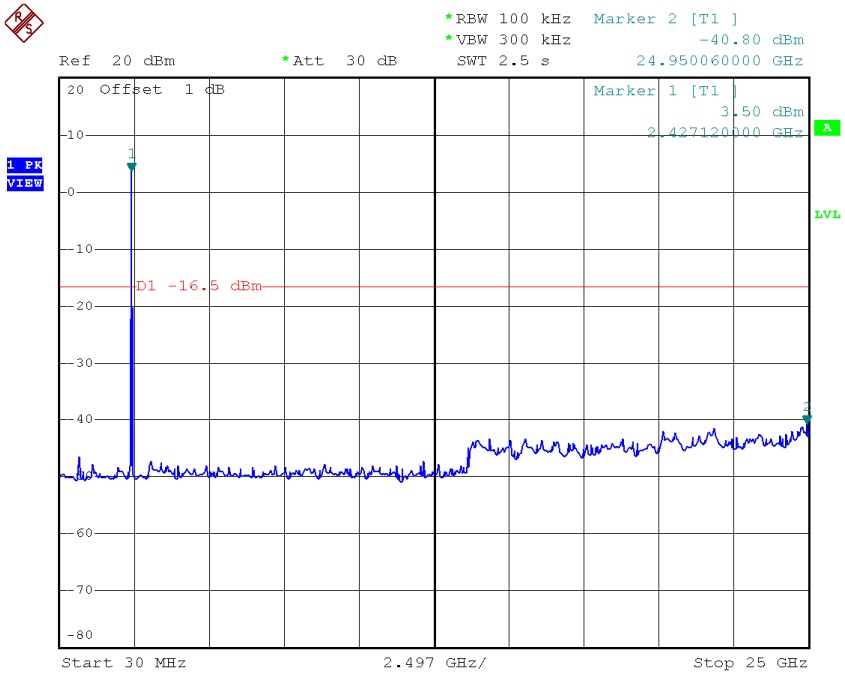
Date: 30.JAN.2015 13:54:34

TX G mode CH06 (10 Harmonic of the frequency)



Date: 30.JAN.2015 13:56:41

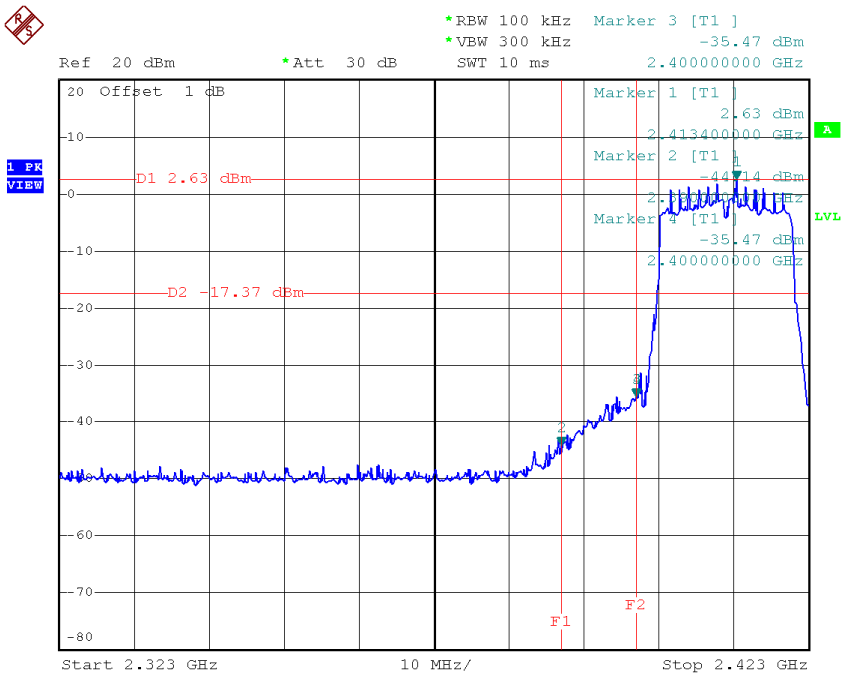
TX G mode CH11 (10 Harmonic of the frequency)



Date: 30.JAN.2015 14:06:57

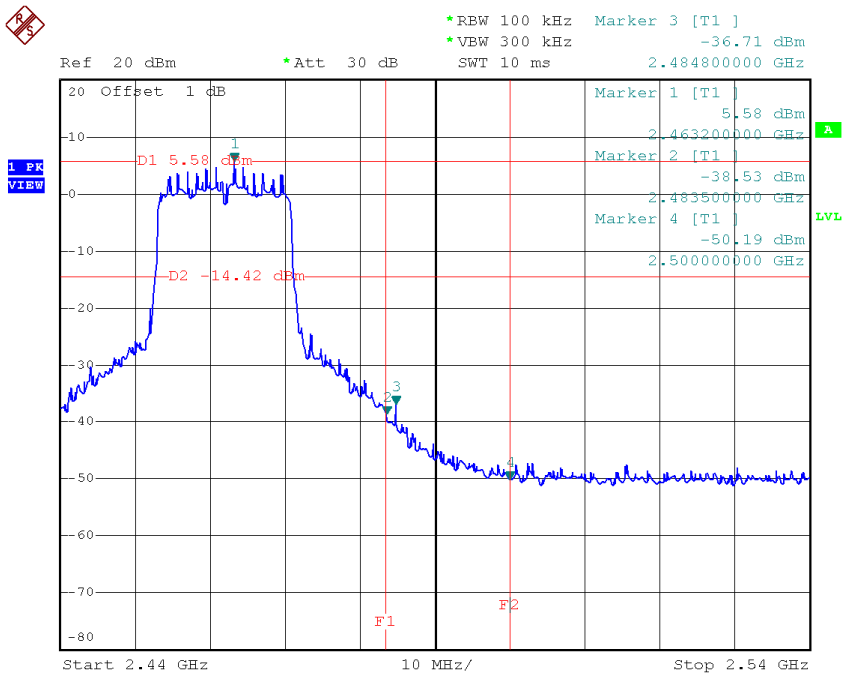
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



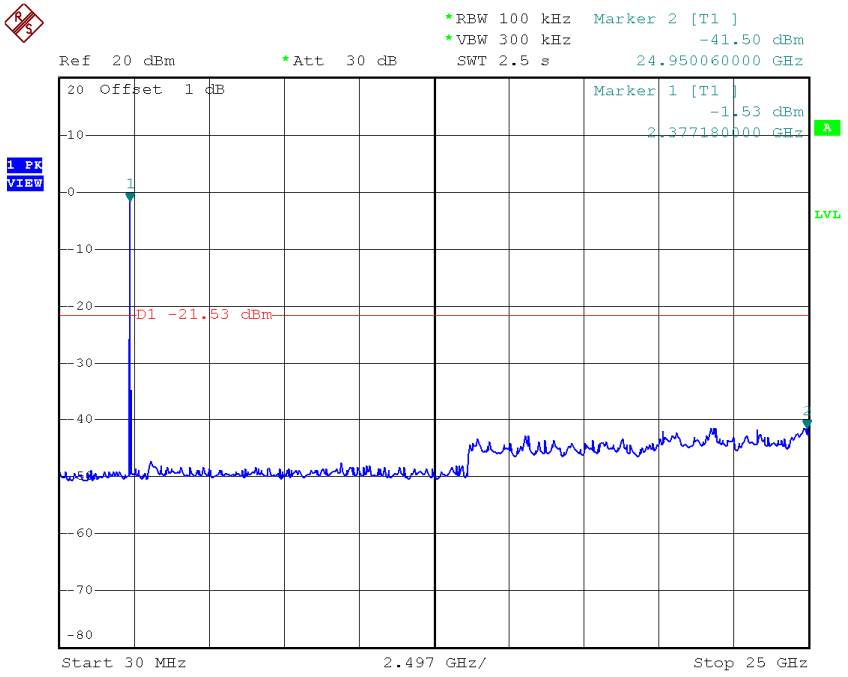
Date: 30.JAN.2015 14:16:53

TX HT20 mode CH11



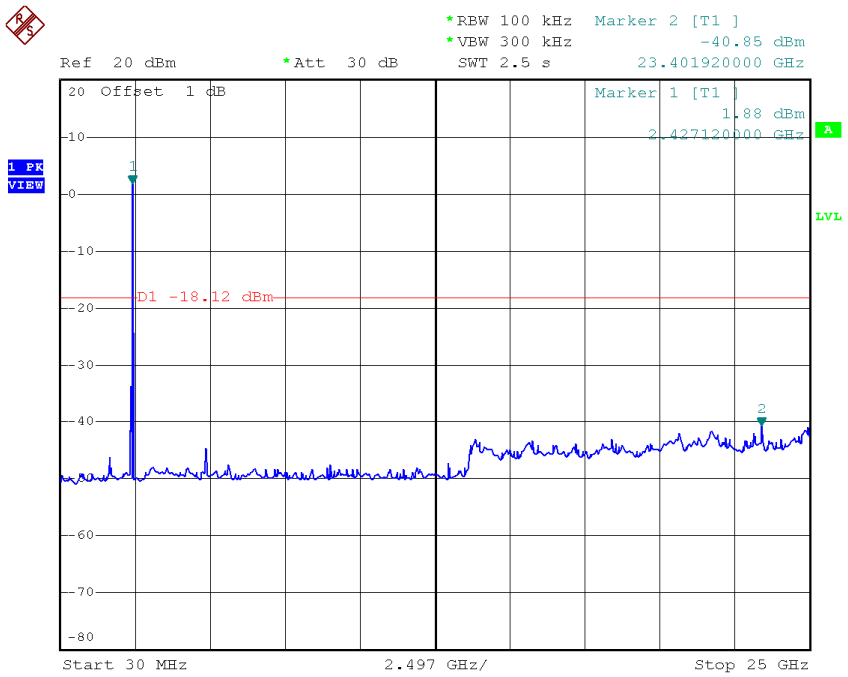
Date: 30.JAN.2015 14:48:39

TX HT20 mode CH01 (10 Harmonic of the frequency)



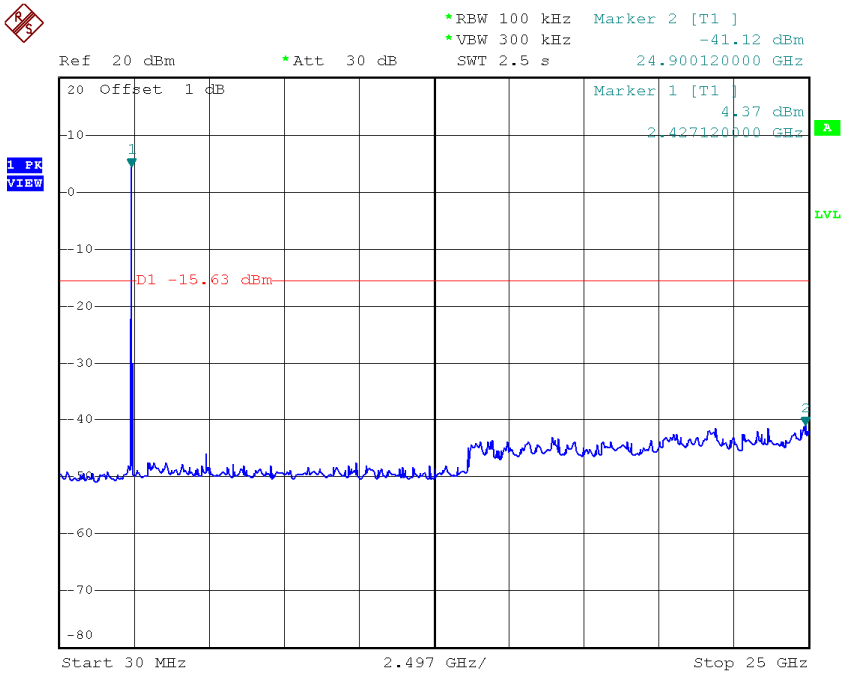
Date: 30.JAN.2015 14:16:11

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 30.JAN.2015 14:45:33

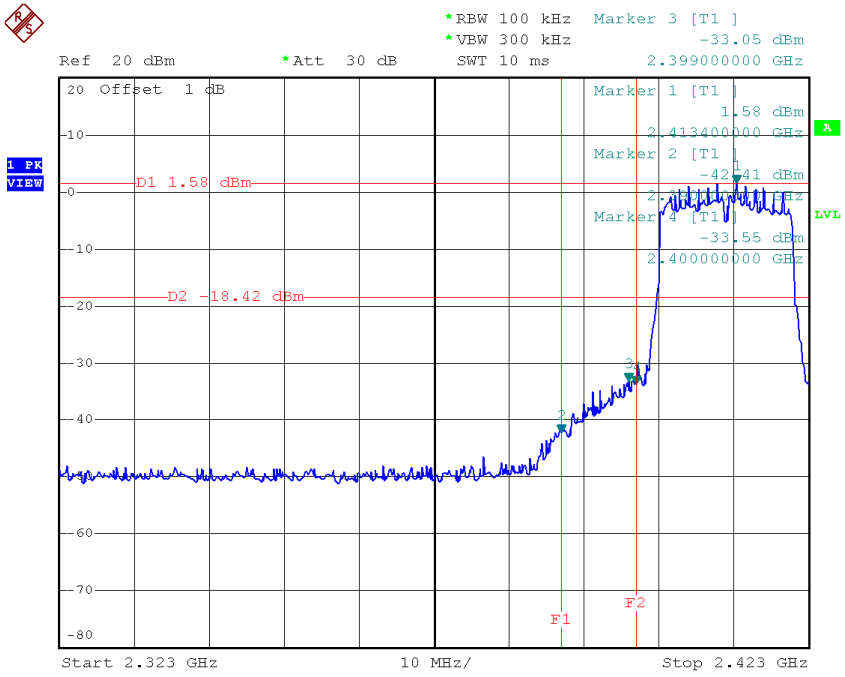
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 30.JAN.2015 14:47:57

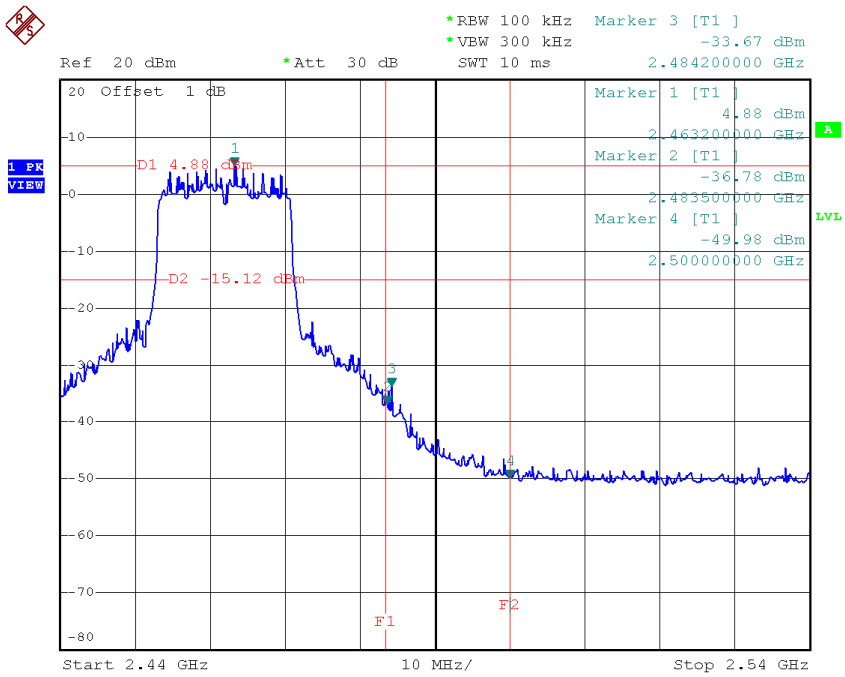
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



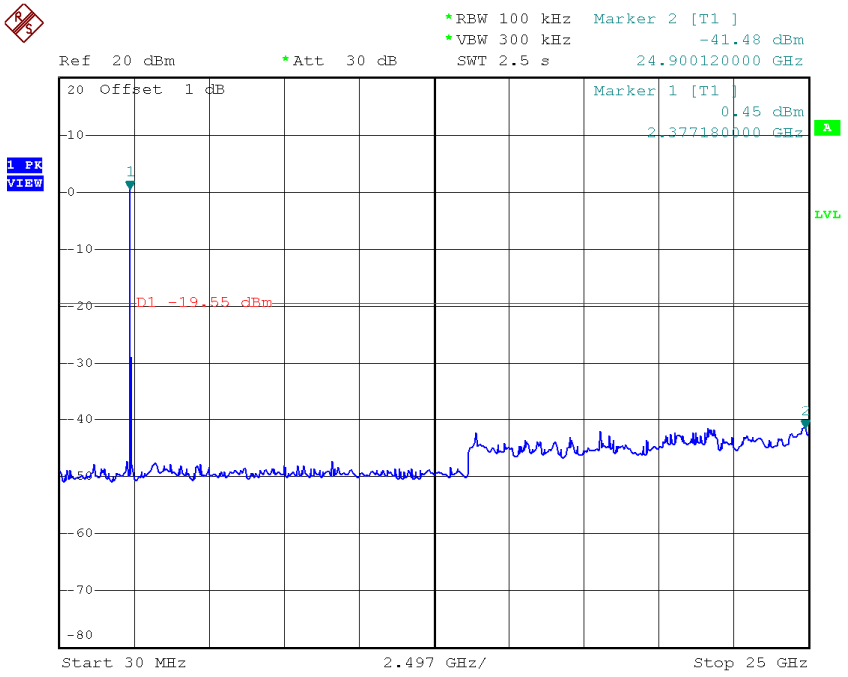
Date: 30.JAN.2015 14:40:31

TX HT20 mode CH11



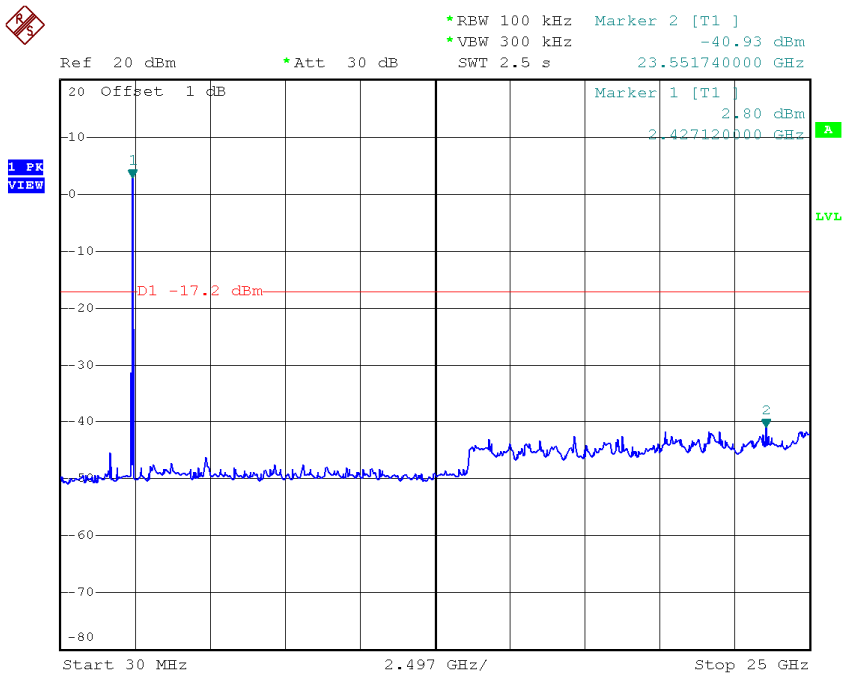
Date: 30.JAN.2015 14:50:23

TX HT20 mode CH01 (10 Harmonic of the frequency)



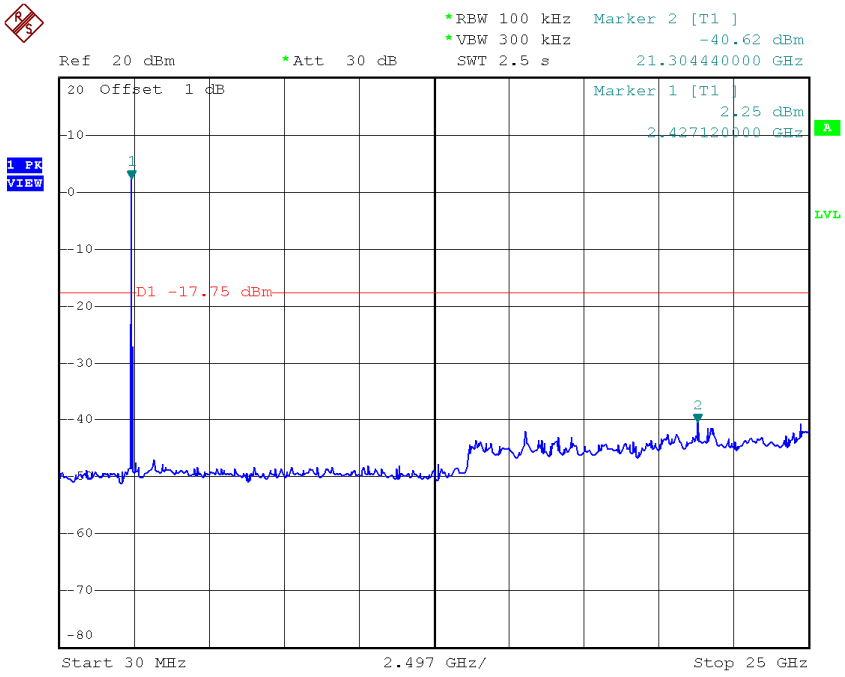
Date: 30.JAN.2015 14:39:48

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 30.JAN.2015 14:42:06

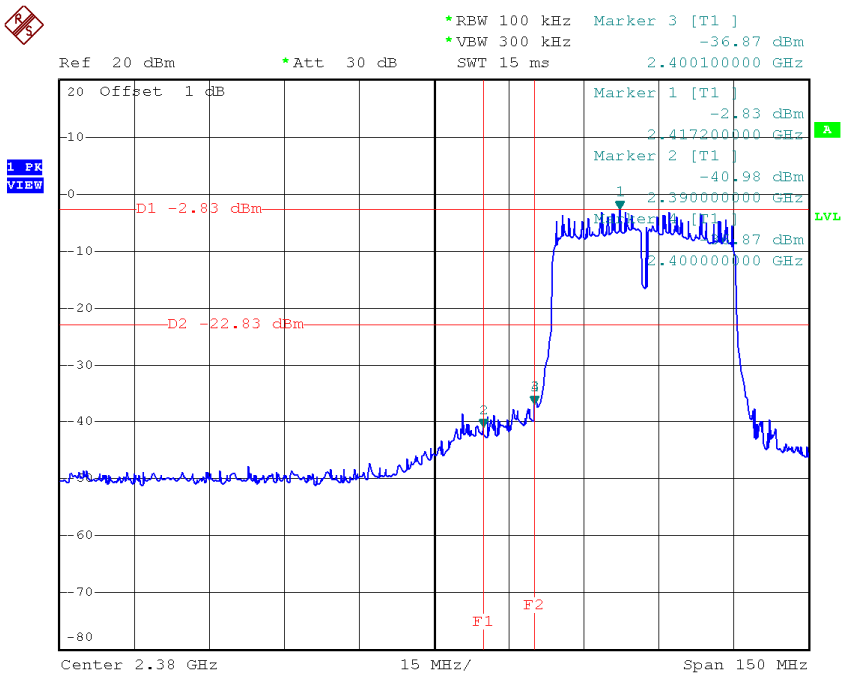
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 30.JAN.2015 14:49:42

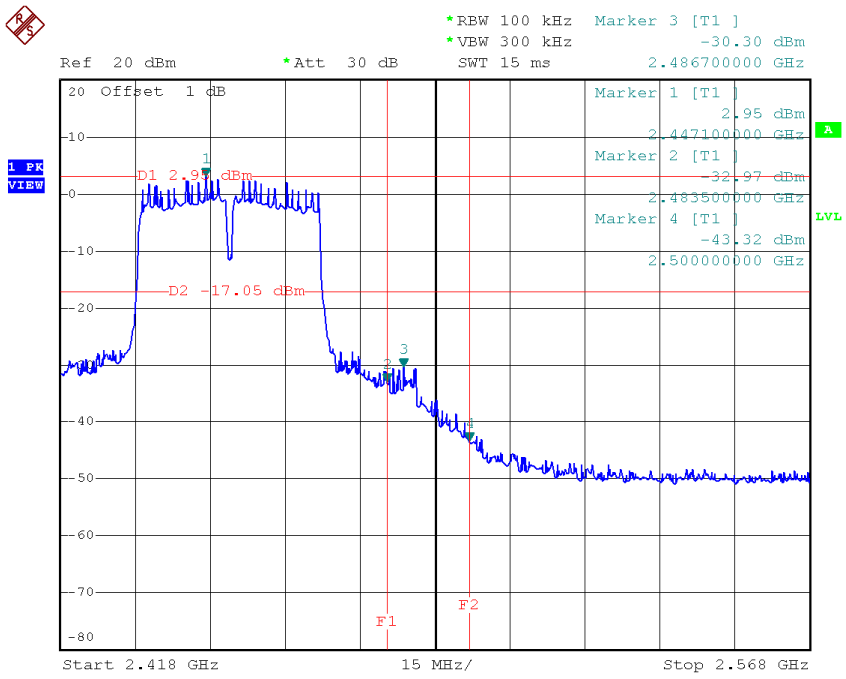
Test Mode :	TX N-40M Mode_ANT 1

TX HT40 mode CH03



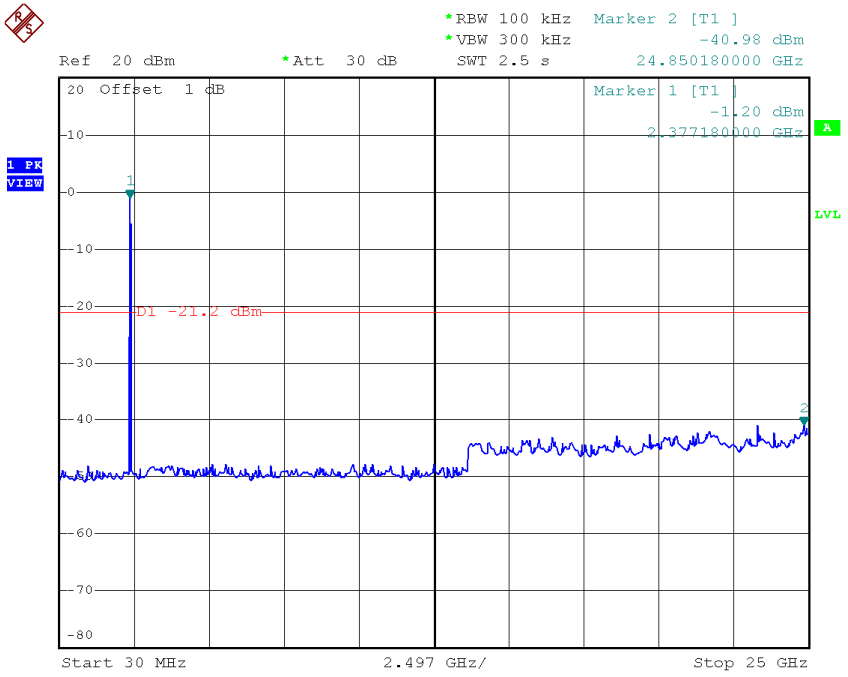
Date: 30.JAN.2015 15:13:15

TX HT40 mode CH09



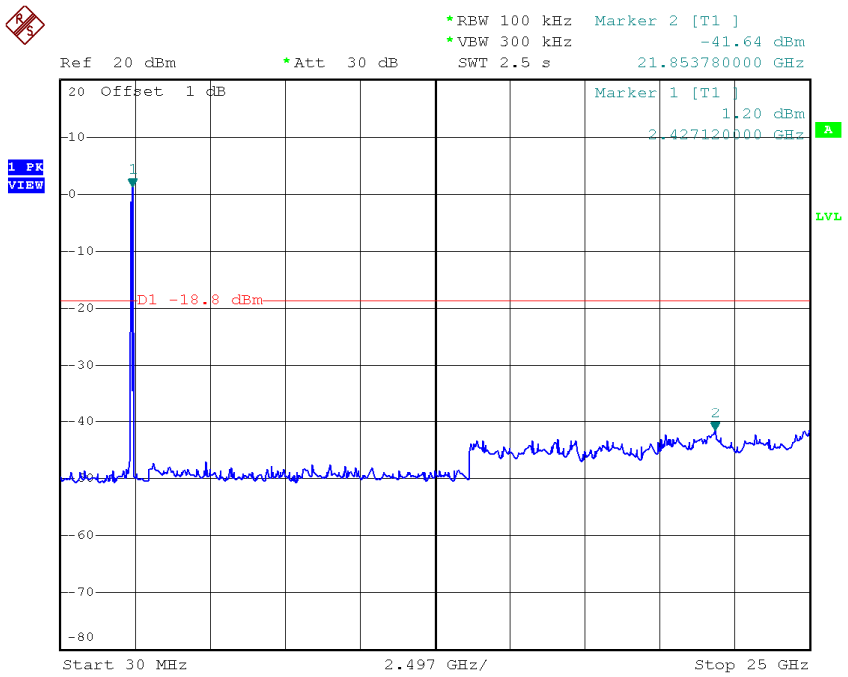
Date: 30.JAN.2015 15:29:53

TX HT40 mode CH03 (10 Harmonic of the frequency)



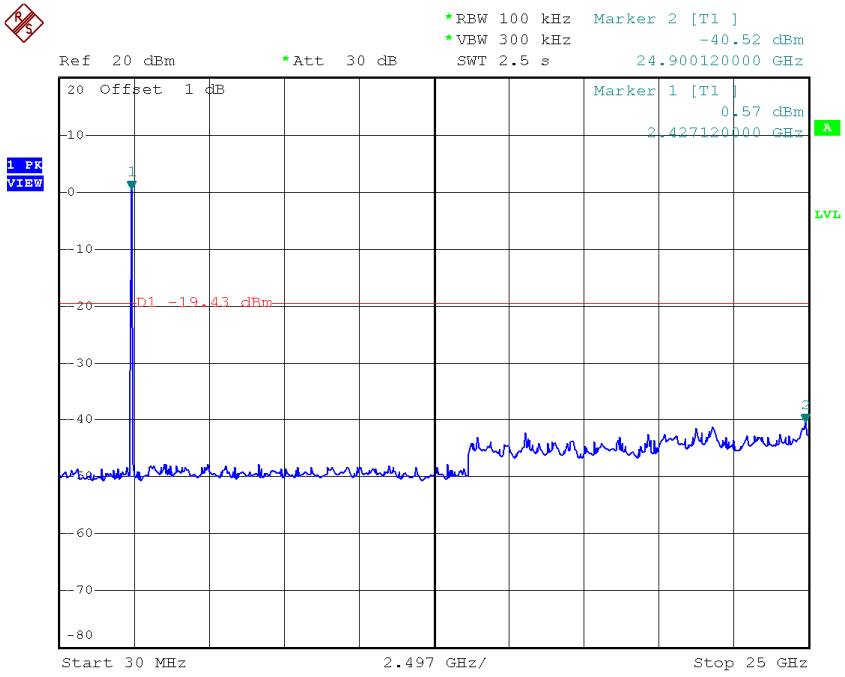
Date: 30.JAN.2015 15:12:33

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 30.JAN.2015 15:23:41

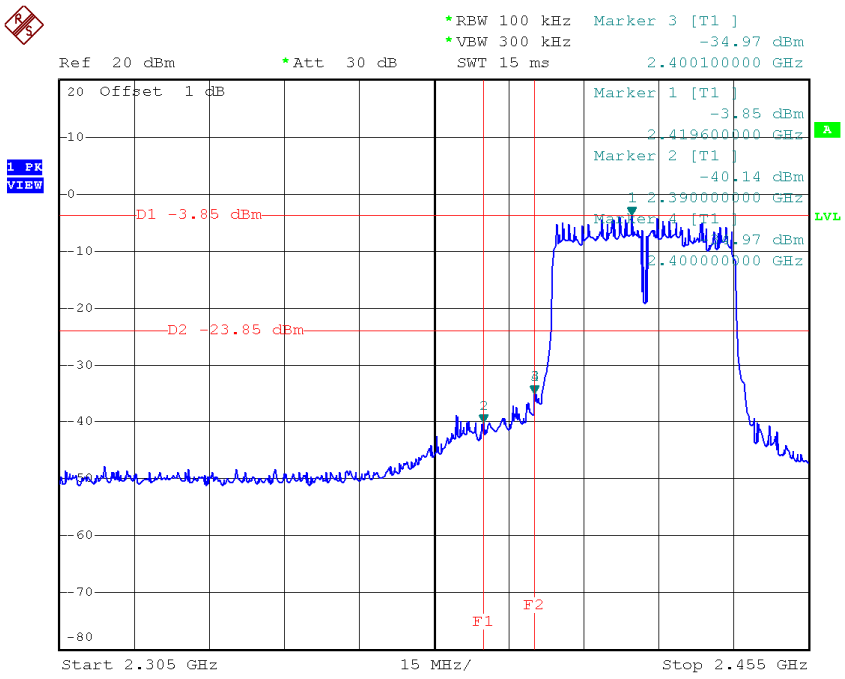
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 30.JAN.2015 15:29:11

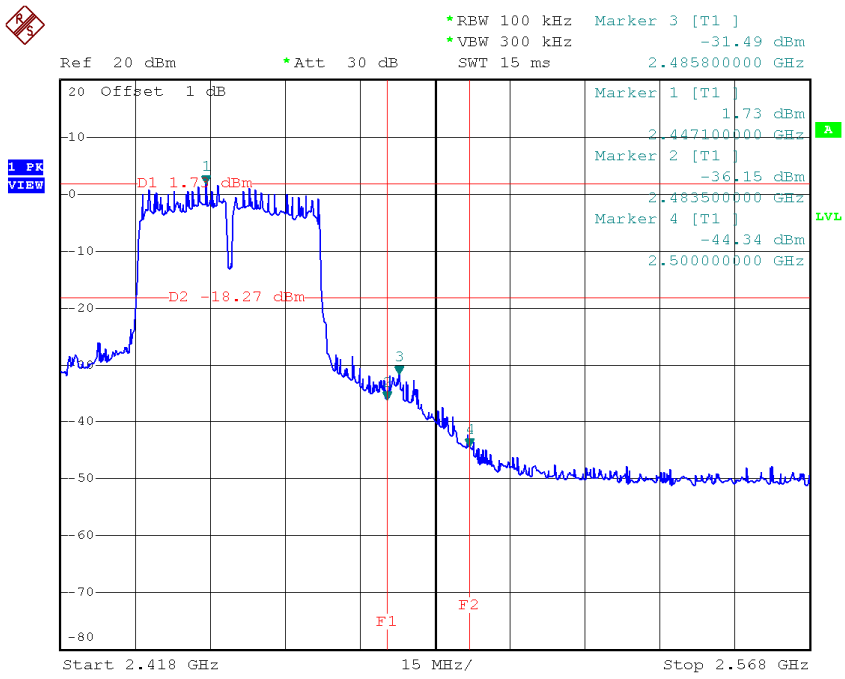
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



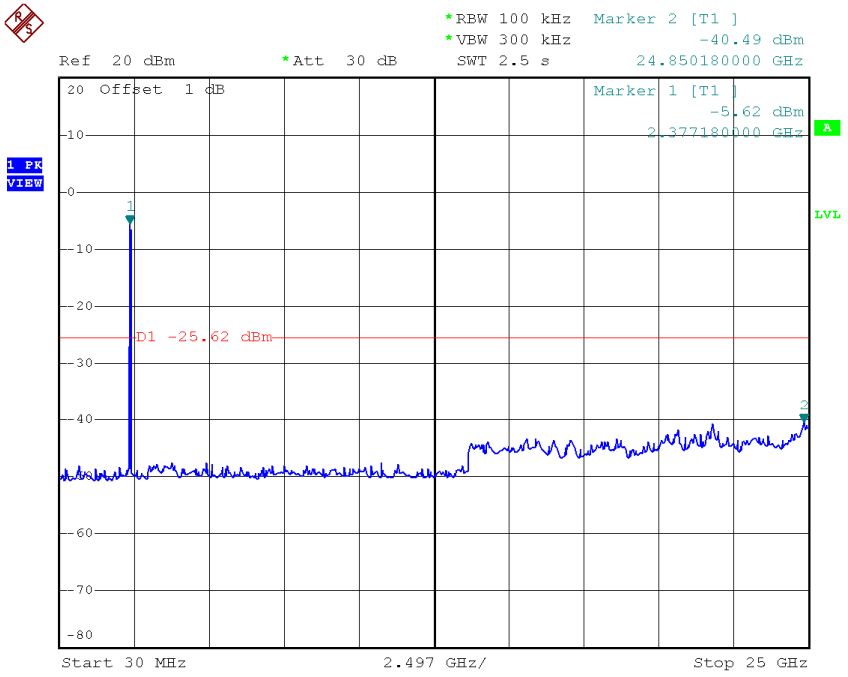
Date: 30.JAN.2015 15:07:08

TX HT40 mode CH09



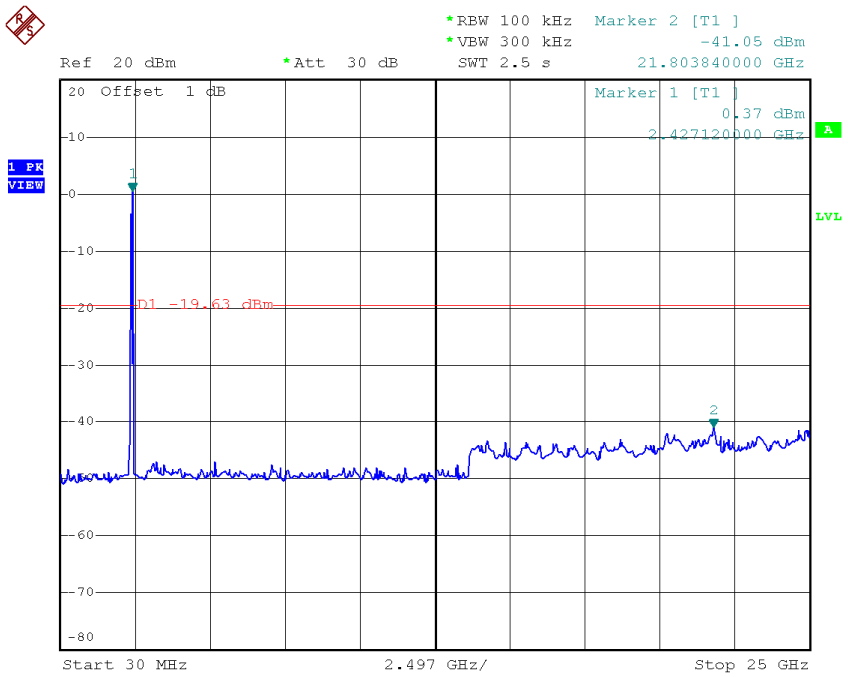
Date: 30.JAN.2015 15:27:35

TX HT40 mode CH03 (10 Harmonic of the frequency)



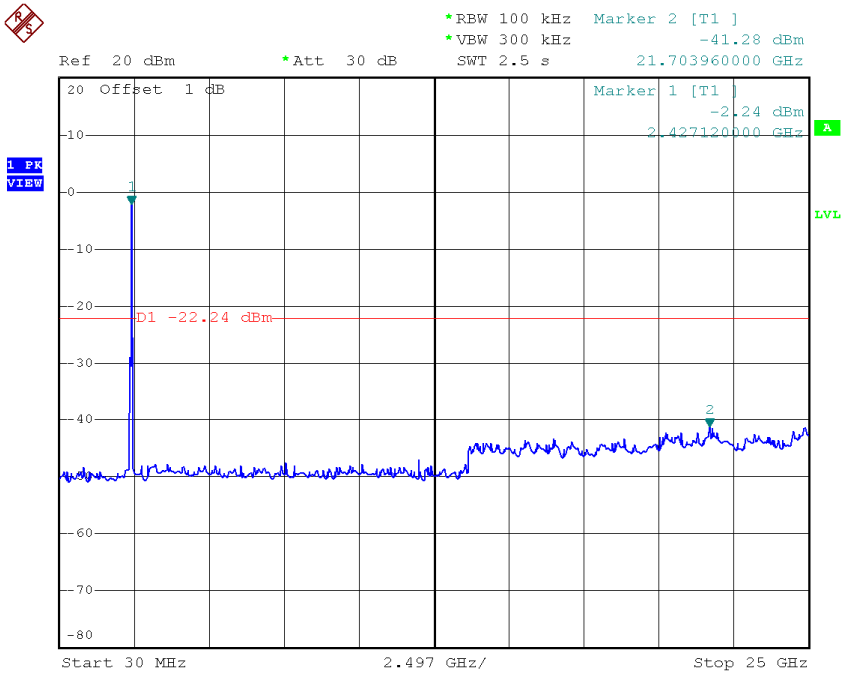
Date: 30.JAN.2015 15:06:27

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 30.JAN.2015 15:24:52

TX HT40 mode CH09 (10 Harmonic of the frequency)



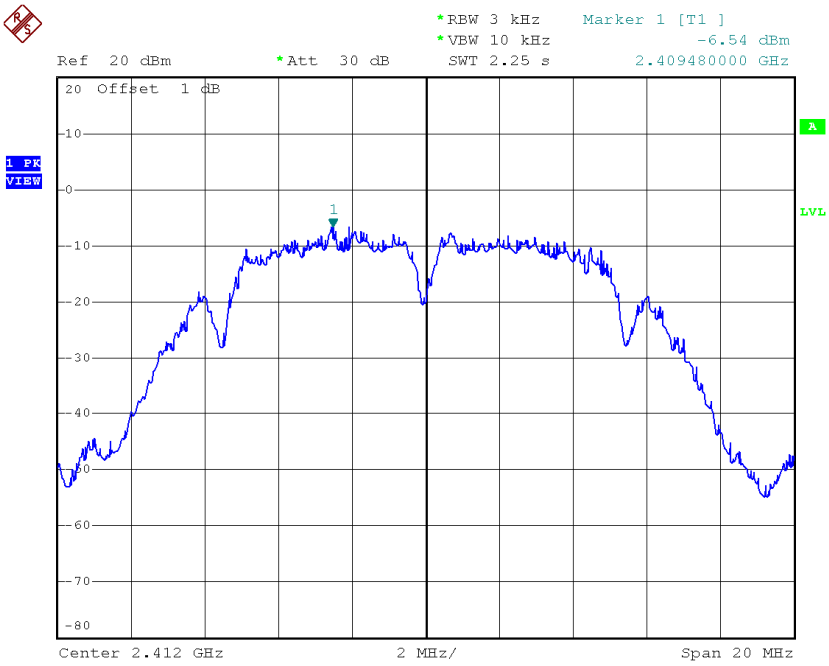
Date: 30.JAN.2015 15:26:53

ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11

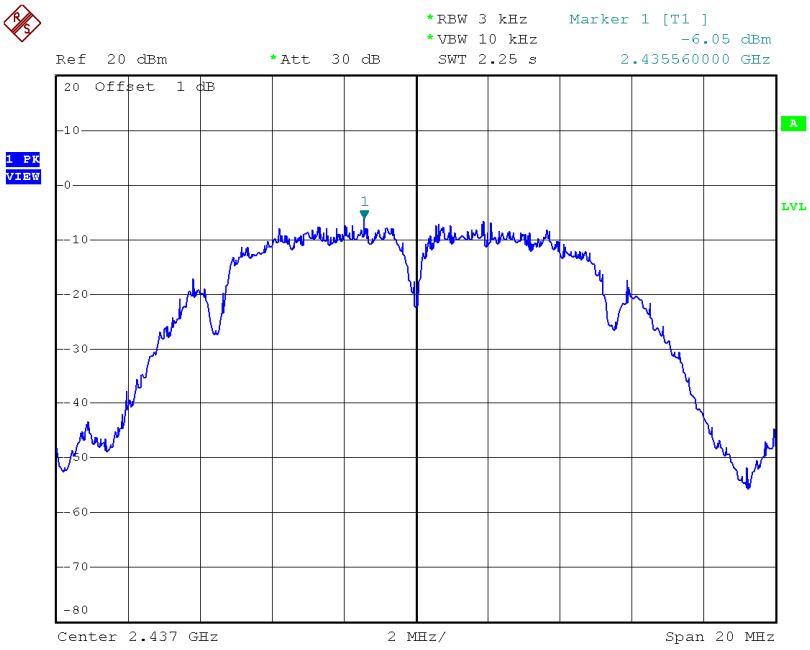
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-6.54	0.22	8.00	Complies
2437	-6.05	0.25	8.00	Complies
2462	-6.66	0.22	8.00	Complies

TX CH01



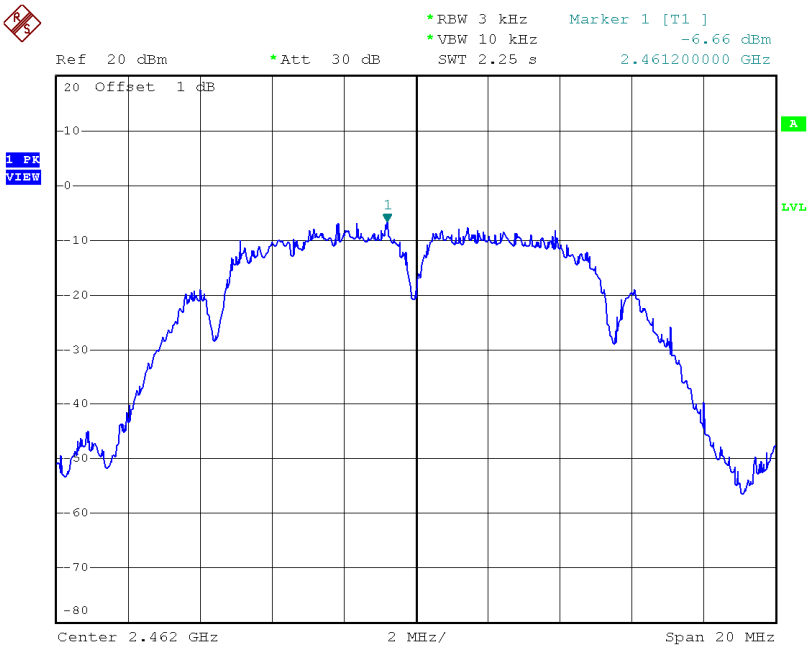
Date: 30.JAN.2015 13:37:02

TX CH06



Date: 30.JAN.2015 13:47:40

TX CH11

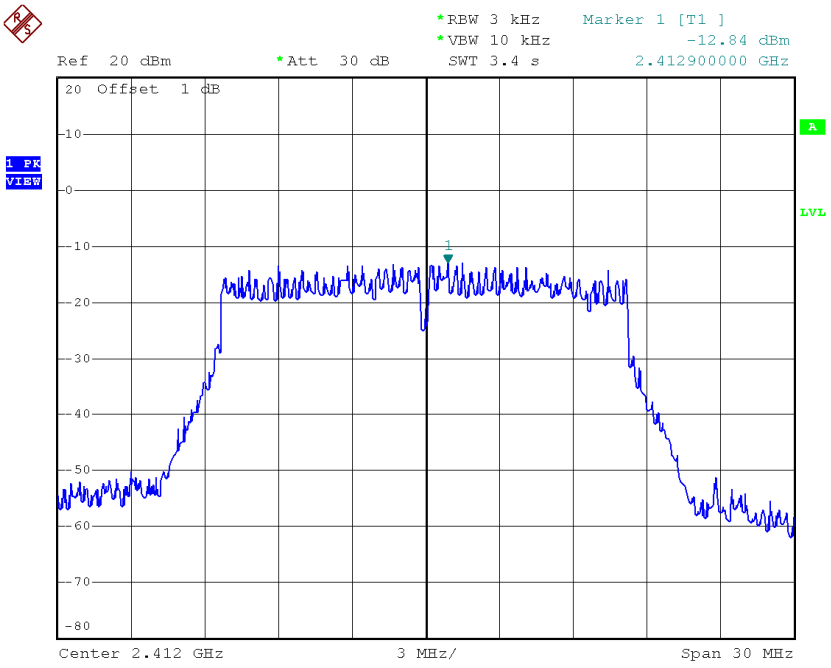


Date: 30.JAN.2015 13:50:01

Test Mode :TX G Mode_CH01/06/11

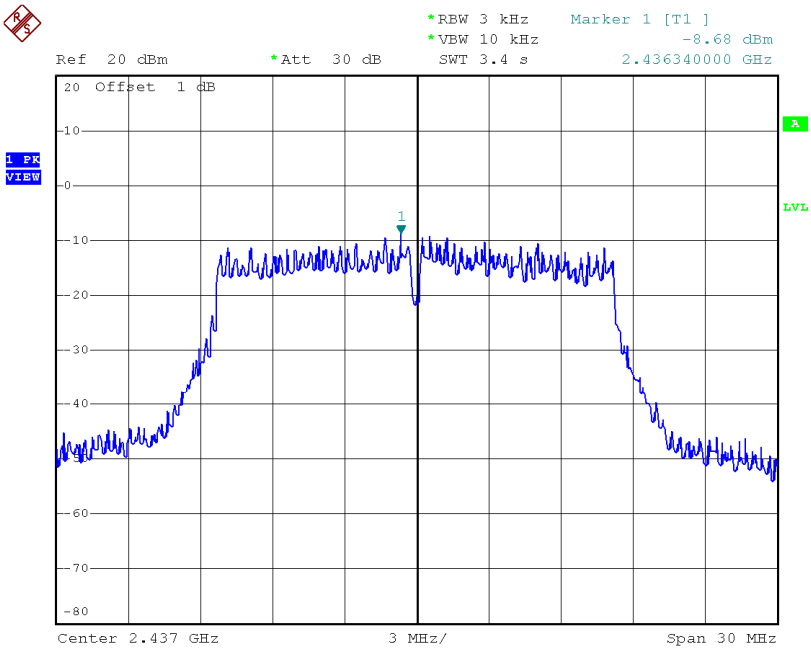
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.84	0.05	8.00	Complies
2437	-8.68	0.14	8.00	Complies
2462	-9.32	0.12	8.00	Complies

TX CH01



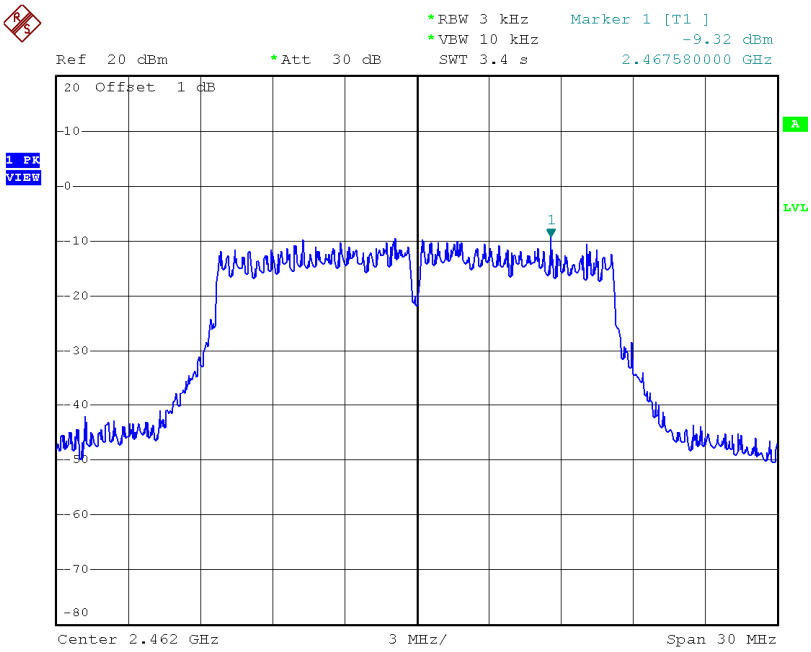
Date: 30.JAN.2015 13:55:36

TX CH06



Date: 30.JAN.2015 13:57:23

TX CH11

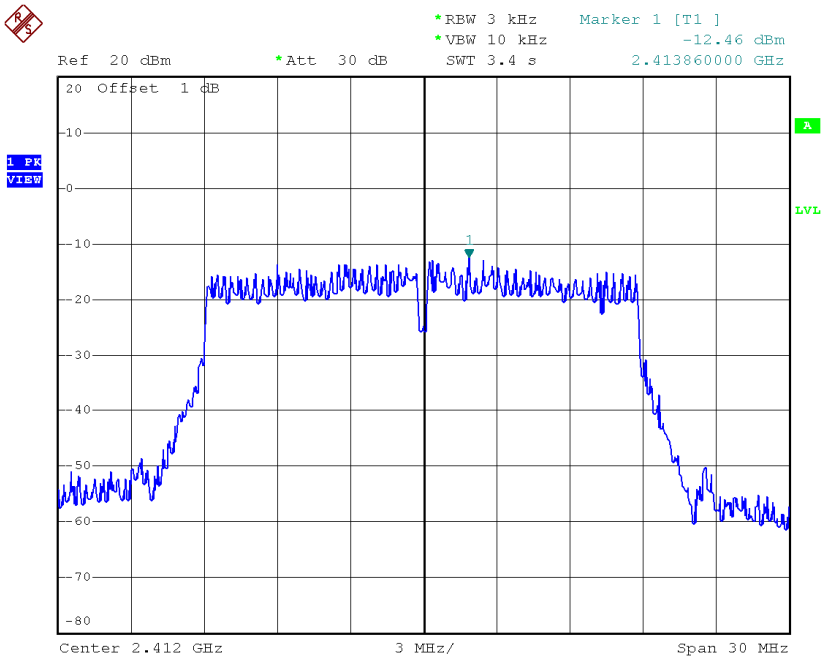


Date: 30.JAN.2015 14:07:58

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

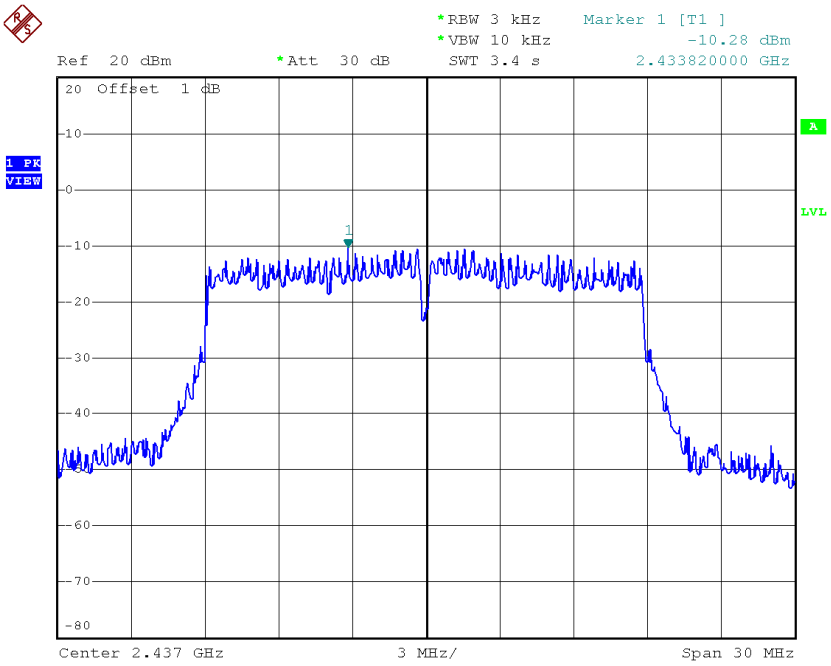
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.46	0.06	8.00	Complies
2437	-10.28	0.09	8.00	Complies
2462	-9.77	0.11	8.00	Complies

TX CH01



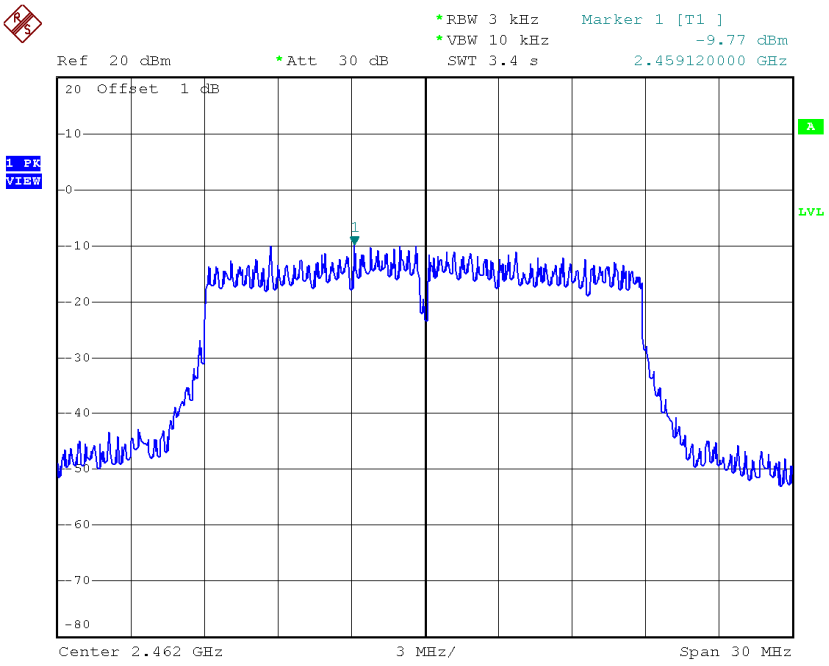
Date: 30.JAN.2015 14:17:13

TX CH06



Date: 30.JAN.2015 14:46:15

TX CH11

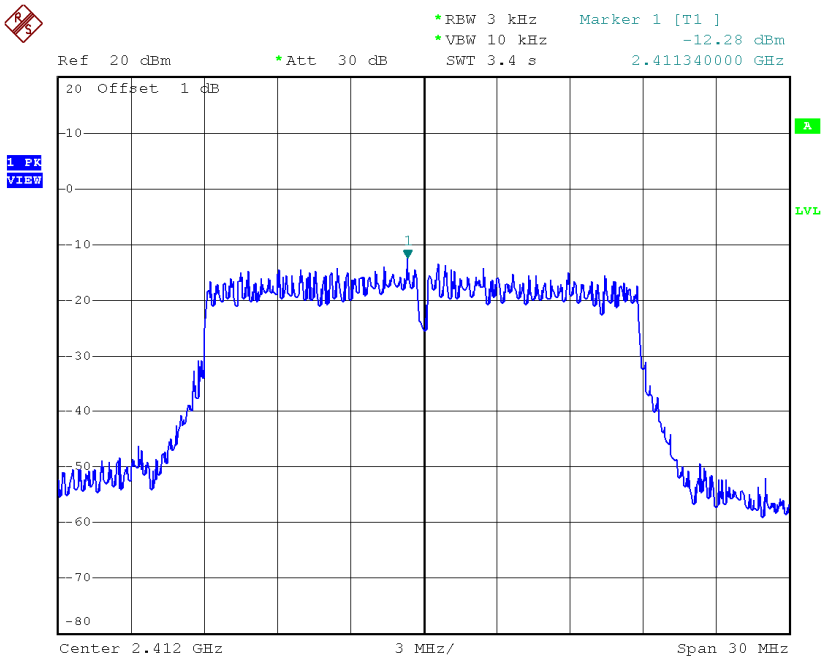


Date: 30.JAN.2015 14:48:58

Test Mode : TX N-20M Mode_CH01/06/11_ANT 2

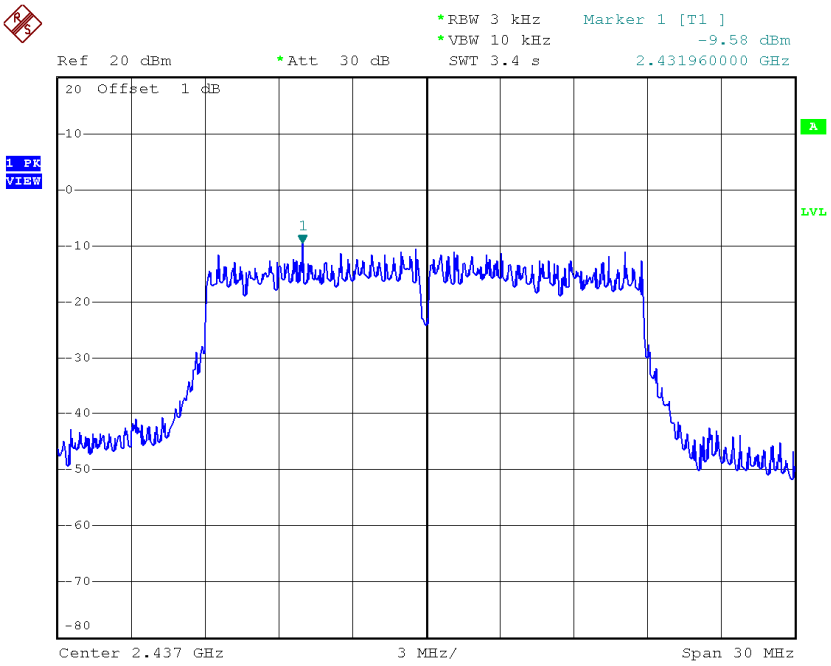
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.28	0.06	8.00	Complies
2437	-9.58	0.11	8.00	Complies
2462	-10.51	0.09	8.00	Complies

TX CH01



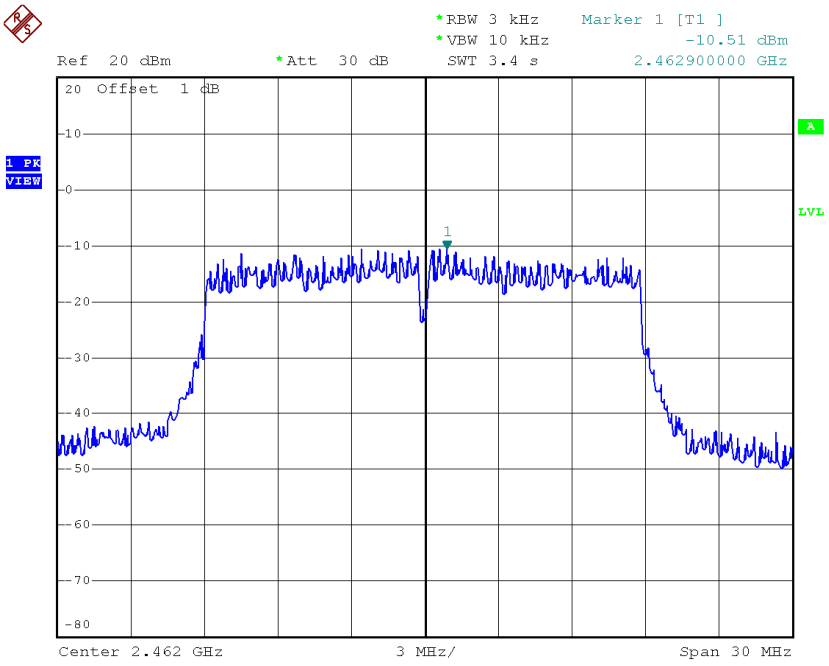
Date: 30.JAN.2015 14:40:50

TX CH06



Date: 30.JAN.2015 14:42:48

TX CH11



Date: 30.JAN.2015 14:50:43

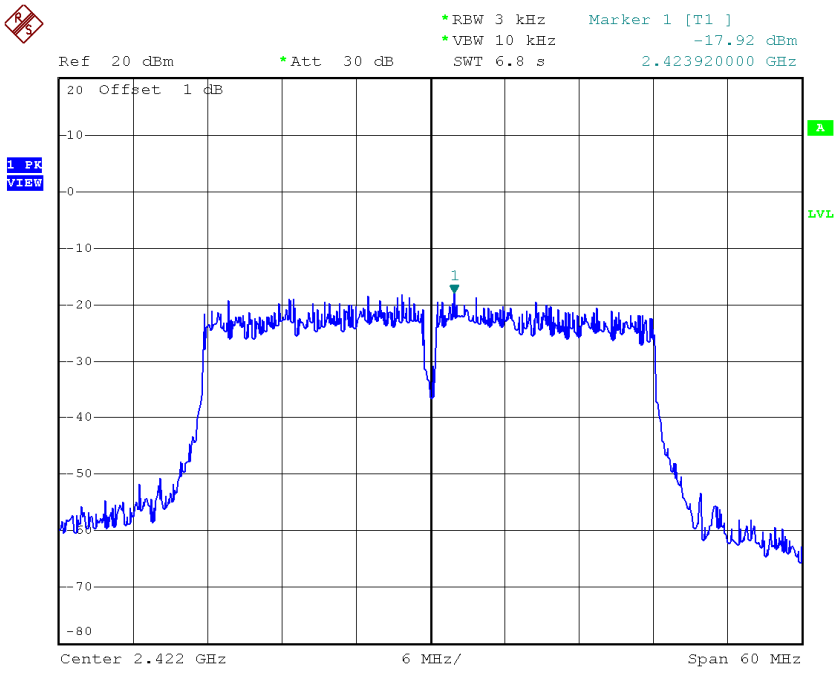
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.36	0.12	8.00	Complies
2437	-6.91	0.20	8.00	Complies
2462	-7.11	0.19	8.00	Complies

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

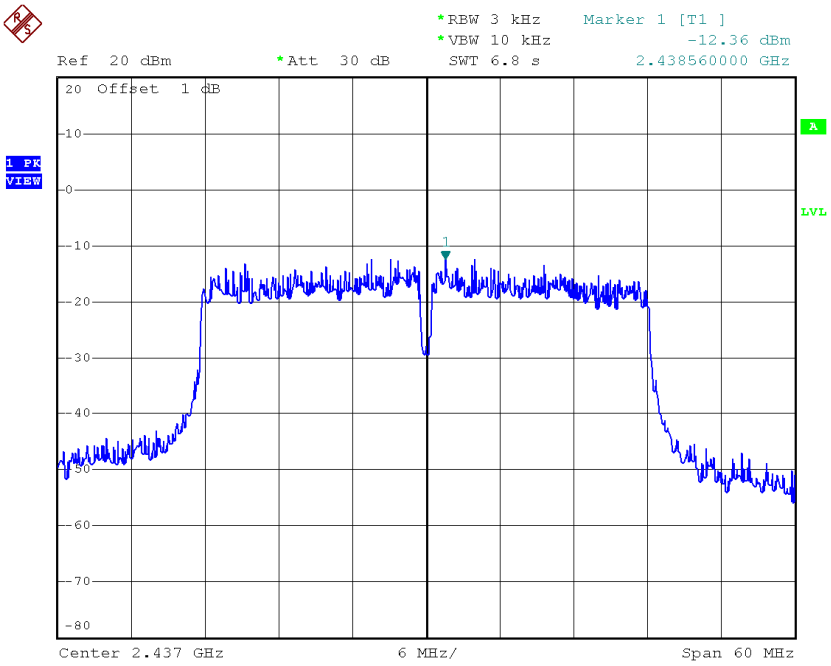
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-17.92	0.02	8.00	Complies
2437	-12.36	0.06	8.00	Complies
2452	-12.98	0.05	8.00	Complies

TX CH03



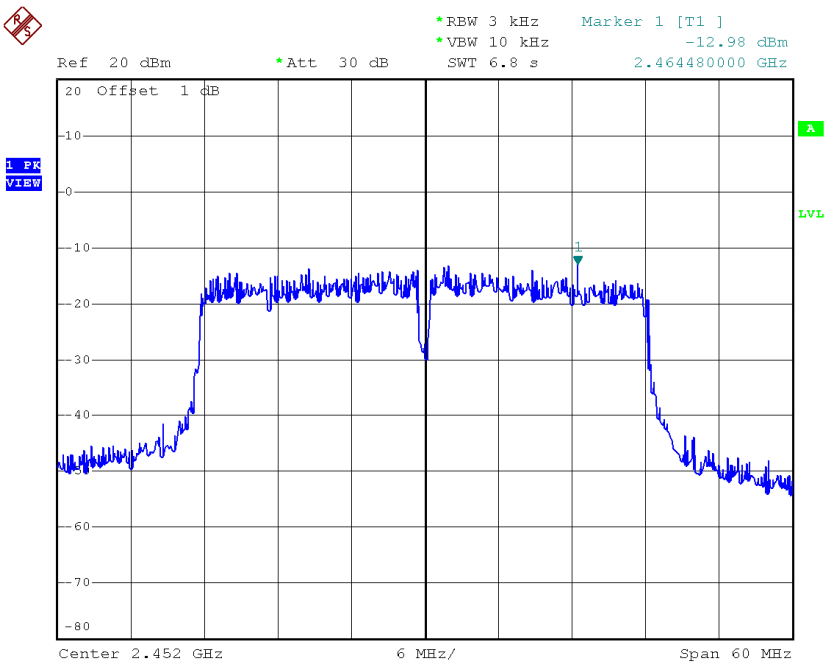
Date: 30.JAN.2015 15:13:35

TX CH06



Date: 30.JAN.2015 15:24:22

TX CH09

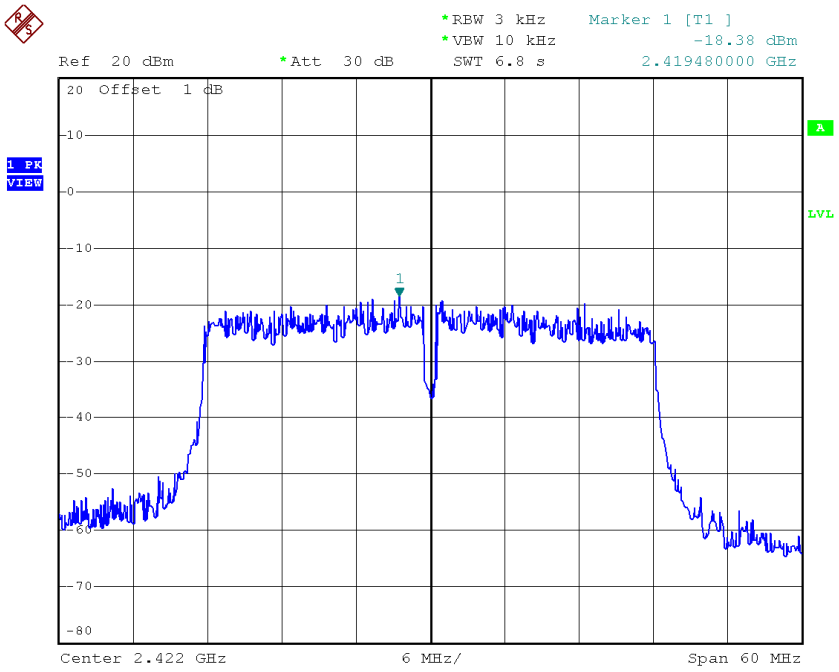


Date: 30.JAN.2015 15:30:12

Test Mode : TX N-40M Mode_CH03/06/09_ANT 2

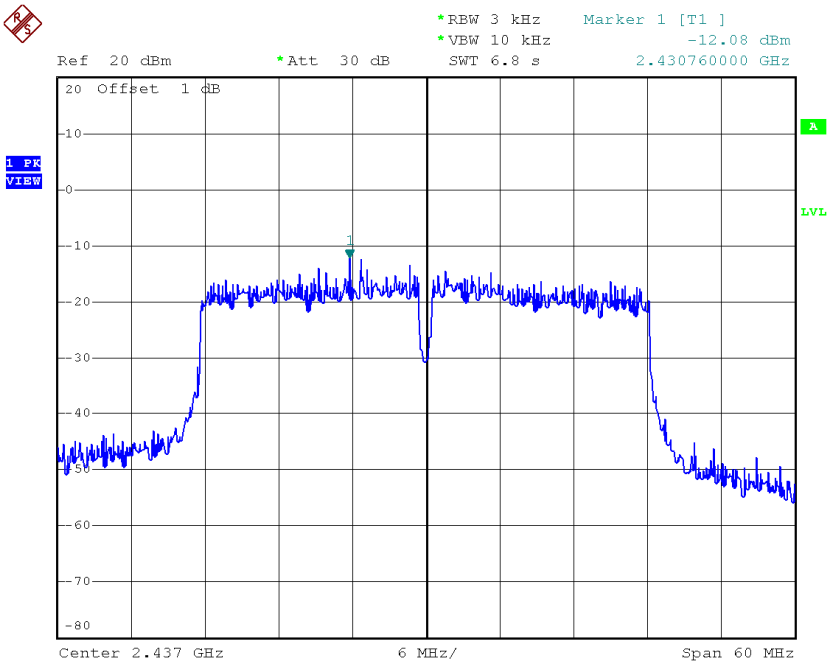
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-18.38	0.01	8.00	Complies
2437	-12.08	0.06	8.00	Complies
2452	-13.24	0.05	8.00	Complies

TX CH03



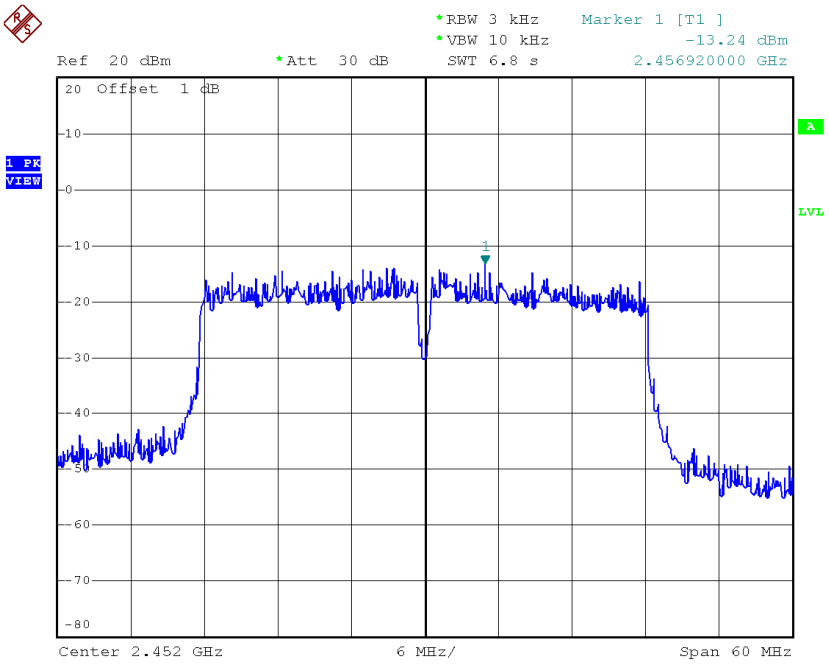
Date: 30.JAN.2015 15:07:28

TX CH06



Date: 30.JAN.2015 15:25:33

TX CH09



Date: 30.JAN.2015 15:27:55

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

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-15.13	0.03	8.00	Complies
2437	-9.21	0.12	8.00	Complies
2452	-10.10	0.10	8.00	Complies