

FCC Radio Test Report

FCC ID: KA2IR813B1

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

Project No. : 1505C119
Equipment : AC750 Dual Band Wi-Fi Router
Model Name : DIR-813
Applicant : D-Link Corporation
Address : No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114,
Taiwan, R.O.C.

Date of Receipt : May 13, 2015
Date of Test : May 13, 2015 ~ Jun. 01, 2015
Issued Date : Jun. 02 2015
Tested by : BTL Inc.

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Declaration

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Table of Contents	Page
1 . CERTIFICATION	6
2 . SUMMARY OF TEST RESULTS	7
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
3 . GENERAL INFORMATION	9
3.1 GENERAL DESCRIPTION OF EUT	9
3.2 DESCRIPTION OF TEST MODES	11
3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING	12
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	13
3.5 DESCRIPTION OF SUPPORT UNITS	13
4 . EMC EMISSION TEST	14
4.1 CONDUCTED EMISSION MEASUREMENT	14
4.1.1 POWER LINE CONDUCTED EMISSION LIMITS	14
4.1.2 TEST PROCEDURE	14
4.1.3 DEVIATION FROM TEST STANDARD	14
4.1.4 TEST SETUP	15
4.1.5 EUT OPERATING CONDITIONS	15
4.1.6 EUT TEST CONDITIONS	15
4.1.7 TEST RESULTS	15
4.2 RADIATED EMISSION MEASUREMENT	16
4.2.1 RADIATED EMISSION LIMITS	16
4.2.2 TEST PROCEDURE	17
4.2.3 DEVIATION FROM TEST STANDARD	17
4.2.4 TEST SETUP	17
4.2.5 EUT OPERATING CONDITIONS	18
4.2.6 EUT TEST CONDITIONS	18
4.2.7 TEST RESULTS (9KHZ TO 30MHZ)	19
4.2.8 TEST RESULTS (BETWEEN 30MHZ TO 1000 MHZ)	19
4.2.9 TEST RESULTS (ABOVE 1000 MHZ)	19
5 . BANDWIDTH TEST	20
5.1 APPLIED PROCEDURES	20
5.1.1 TEST PROCEDURE	20
5.1.2 DEVIATION FROM STANDARD	20
5.1.3 TEST SETUP	20
5.1.4 EUT OPERATION CONDITIONS	20
5.1.5 EUT TEST CONDITIONS	20
5.1.6 TEST RESULTS	20

Table of Contents	Page
6 . MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST	21
6.1 APPLIED PROCEDURES / LIMIT	21
6.1.1 TEST PROCEDURE	21
6.1.2 DEVIATION FROM STANDARD	21
6.1.3 TEST SETUP	21
6.1.4 EUT OPERATION CONDITIONS	21
6.1.5 EUT TEST CONDITIONS	21
6.1.6 TEST RESULTS	21
7 . ANTENNA CONDUCTED SPURIOUS EMISSION	22
7.1 APPLIED PROCEDURES / LIMIT	22
7.1.1 TEST PROCEDURE	22
7.1.2 DEVIATION FROM STANDARD	22
7.1.3 TEST SETUP	22
7.1.4 EUT OPERATION CONDITIONS	22
7.1.5 EUT TEST CONDITIONS	22
7.1.6 TEST RESULTS	22
8 . POWER SPECTRAL DENSITY TEST	23
8.1 APPLIED PROCEDURES / LIMIT	23
8.1.1 TEST PROCEDURE	23
8.1.2 DEVIATION FROM STANDARD	23
8.1.3 TEST SETUP	23
8.1.4 EUT OPERATION CONDITIONS	23
8.1.5 EUT TEST CONDITIONS	23
8.1.6 TEST RESULTS	23
9 . MEASUREMENT INSTRUMENTS LIST	24
ATTACHMENT A - CONDUCTED EMISSION	26
ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)	30
ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)	33
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)	41
ATTACHMENT E - BANDWIDTH	91
ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER	101
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION	107
ATTACHMENT H - POWER SPECTRAL DENSITY	141
10. EUT PHOTOS	163

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1505C119	Original Issue.	Jun. 02 2015

1. CERTIFICATION

Equipment : AC750 Dual Band Wi-Fi Router
Brand Name : D-Link
Model Name : DIR-813
Applicant : D-Link Corporation
Date of Test : May 13, 2015 ~ Jun. 01, 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-1-1505C119) 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 **DG-C02/DG-CB03** 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-CB03	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	AC750 Dual Band Wi-Fi Router	
Brand Name	D-Link	
Model Name	DIR-813	
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 300 Mbps
	Output Power (Max.)	802.11b: 27.41dBm 802.11g: 29.63dBm 802.11n(20MHz): 29.73dBm 802.11n(40MHz): 23.71dBm
Power Source	DC Voltage supplied from AC/DC adapter. #1 Manufacture/Model:FRECOM/ F05L5-050100SPAU #2 Manufacture/Model: LEADER / MU05BS050100-A1	
Power Rating	#1 I/P:100-240V~50/60Hz 0.2A O/P: 5V/1A #2 I/P:100-240V~50/60Hz 0.18A O/P:5V/1A	

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	P/N	Antenna Type	Length	Gain (dBi)	Note
1		290-20205	Dipole	185mm	3.68	2.4G
2		290-20174	Dipole	80mm	3.89	2.4G

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}** , that is Directional gain=3.89.

4.

Operating Mode	2TX
TX Mode	
802.11b	V (ANT 1 + ANT 2)
802.11g	V (ANT 1 + 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 generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

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

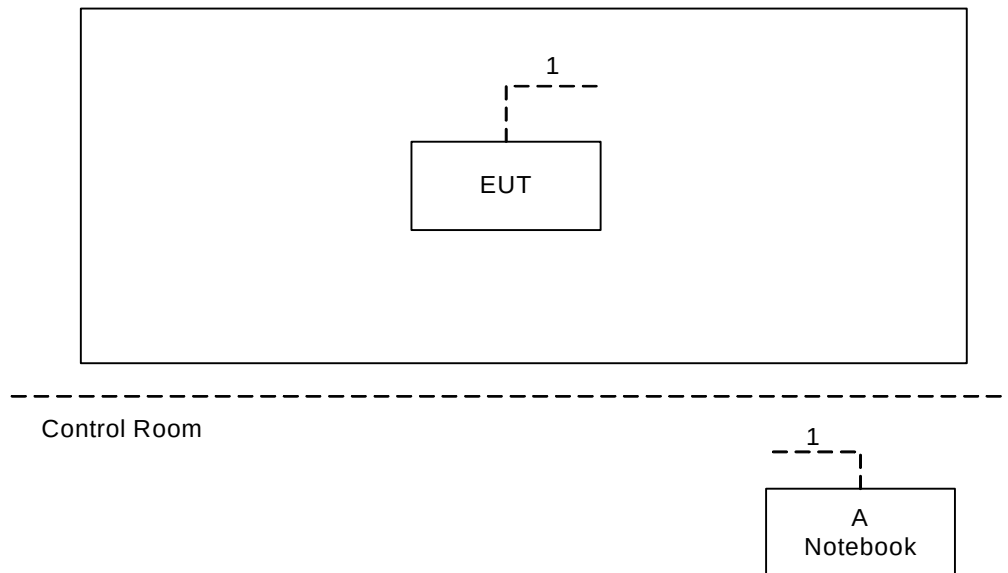
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (13Mbps)
802.11n HT40 mode : BPSK (27Mbps)
For radiated emission tests, the highest output powers were set for final test.
- (3) For 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%.
- (5) The adapter FRECOM and adapter LEADER were tested, the FRECOM is worst case for and included in the test report.

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	RTL819x3.0		
Frequency (MHz)	2412	2437	2462
802.11b	44,51	49,56	45,52
802.11g	46,53	56,63	44,51
802.11n (20MHz)	37,44	58,63	40,45
Frequency	2422	2437	2452
802.11n (40MHz)	36,42	45,51	39,45

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
A	Notebook	DELL	INSPIRON 1420	DOC	NA	

Item	Shielded Type	Ferrite Core	Length	Note
1	YES	NO	10m	RJ45 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

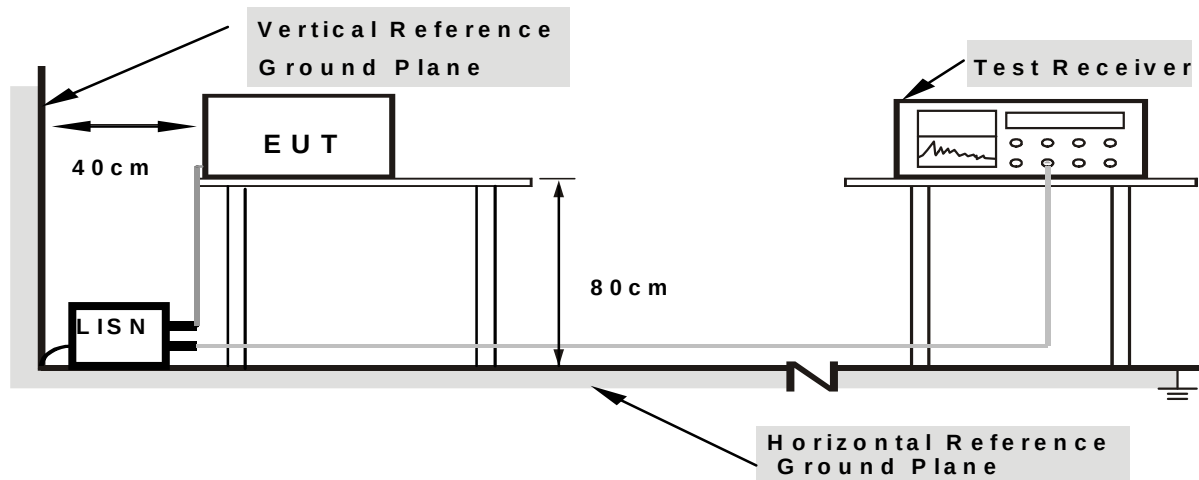
4.1.2 TEST PROCEDURE

- 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 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: 21°C Relative Humidity: 51% 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

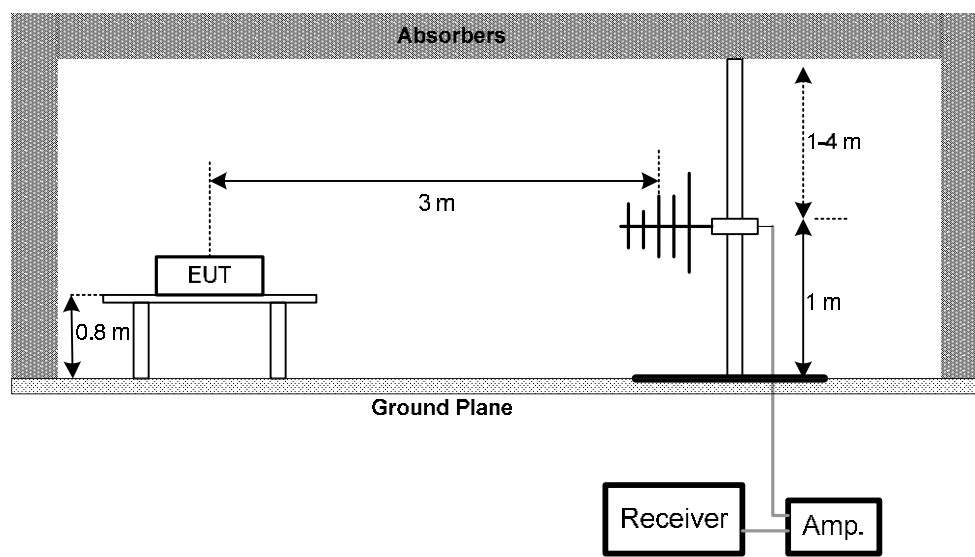
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 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

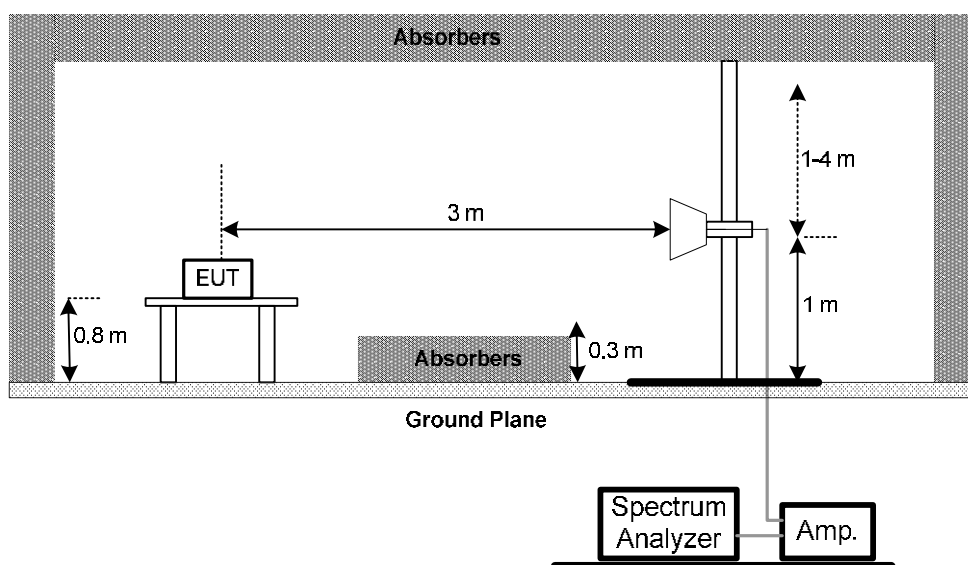
No deviation

4.2.4 TEST SETUP

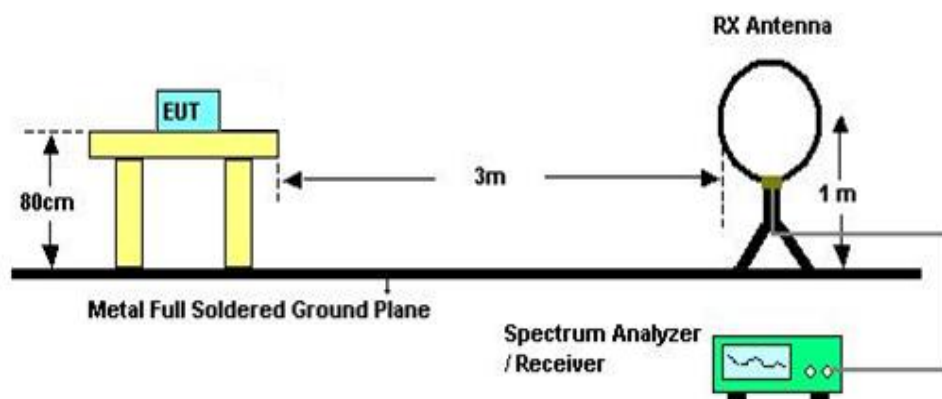
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(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: 28°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (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

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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.

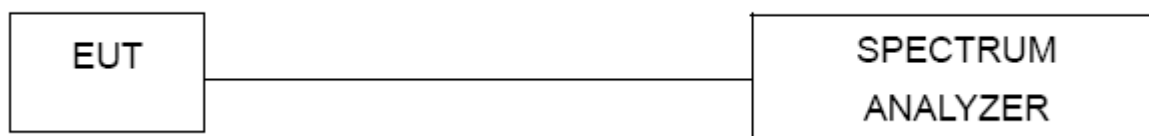
7.1.1 TEST PROCEDURE

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

- 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: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	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-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 17, 2015
3	Receiver	AGILENT	N9038A	MY5213003 9	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	Antenna	ETS	3115	00075789	Mar. 28, 2016
7	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
8	Receiver	AGILENT	N9038A	MY5213003 9	Sep. 30, 2015
9	Test Cable	N/A	C-68	N/A	Jul. 01, 2015
10	Controller	CT	SC100	N/A	N/A
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 16, 2015
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

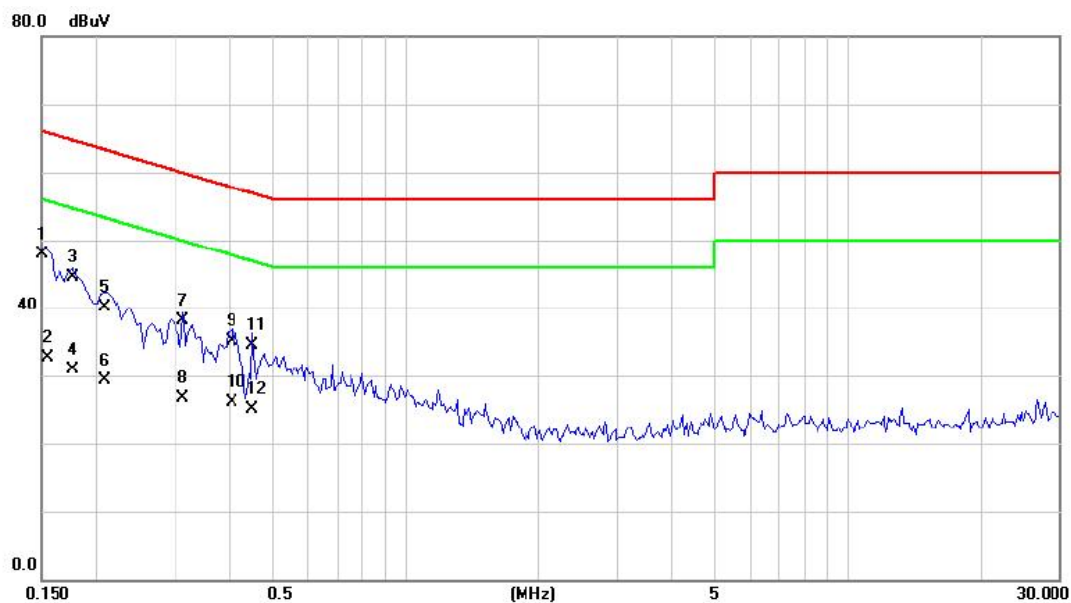
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	TX MODE
Adapter:	FRECOM/F05L5-050100SPAU

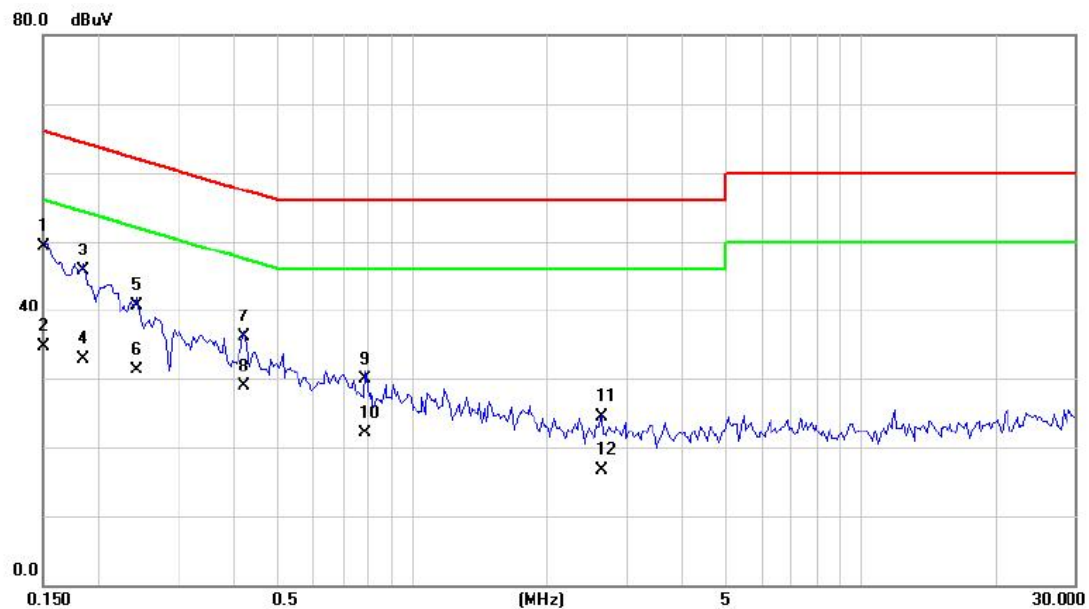
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	38.46	9.54	48.00	66.00	-18.00	QP	
2		0.1548	23.11	9.54	32.65	55.74	-23.09	AVG	
3		0.1773	34.89	9.56	44.45	64.61	-20.16	QP	
4		0.1773	21.31	9.56	30.87	54.61	-23.74	AVG	
5		0.2085	30.49	9.58	40.07	63.26	-23.19	QP	
6		0.2086	19.74	9.58	29.32	53.26	-23.94	AVG	
7		0.3140	28.47	9.64	38.11	59.86	-21.75	QP	
8		0.3141	17.12	9.64	26.76	49.86	-23.10	AVG	
9		0.4040	25.48	9.68	35.16	57.77	-22.61	QP	
10		0.4040	16.52	9.68	26.20	47.77	-21.57	AVG	
11		0.4507	24.89	9.68	34.57	56.86	-22.29	QP	
12		0.4508	15.34	9.68	25.02	46.86	-21.84	AVG	

Test Mode :	TX MODE
Adapter:	FRECOM/F05L5-050100SPAU

Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	39.74	9.49	49.23	66.00	-16.77	QP	
2		0.1500	25.26	9.49	34.75	56.00	-21.25	AVG	
3		0.1850	36.21	9.49	45.70	64.26	-18.56	QP	
4		0.1852	23.45	9.49	32.94	54.25	-21.31	AVG	
5		0.2437	31.27	9.51	40.78	61.97	-21.19	QP	
6		0.2437	21.73	9.51	31.24	51.97	-20.73	AVG	
7		0.4234	26.47	9.54	36.01	57.38	-21.37	QP	
8		0.4234	19.34	9.54	28.88	47.38	-18.50	AVG	
9		0.7867	20.36	9.56	29.92	56.00	-26.08	QP	
10		0.7867	12.59	9.56	22.15	46.00	-23.85	AVG	
11		2.6460	14.78	9.78	24.56	56.00	-31.44	QP	
12		2.6461	6.89	9.78	16.67	46.00	-29.33	AVG	

Conducted Measurement Photos



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

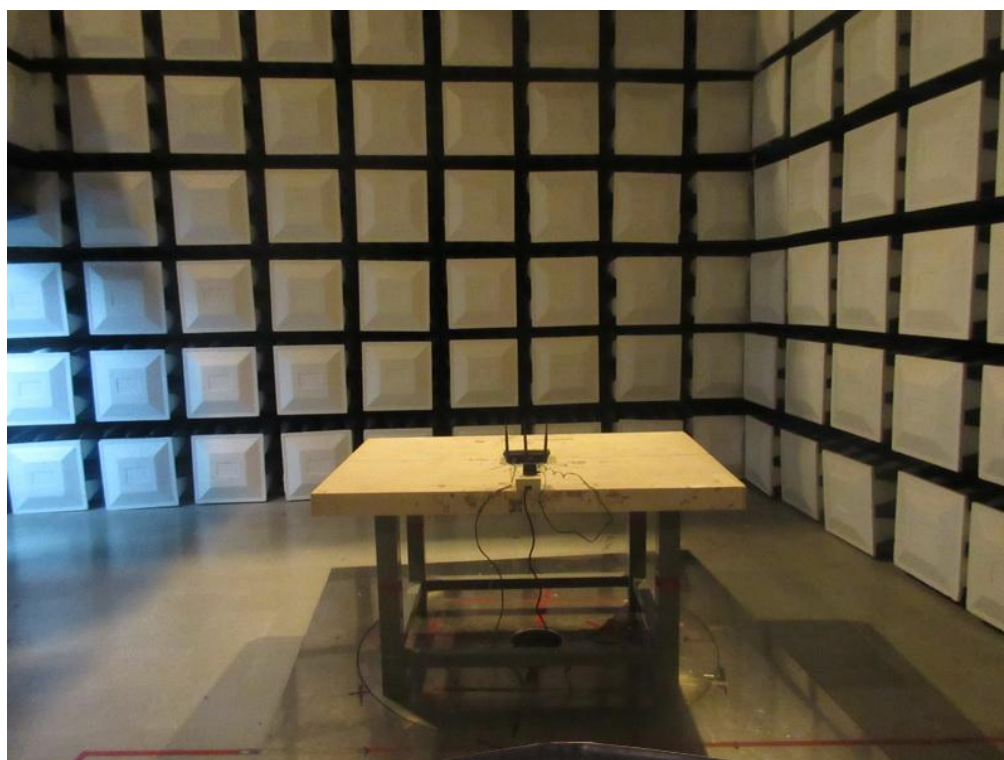
Test Mode:	TX Mode 2412MHz
Adapter:	FRECOM/F05L5-050100SPAU

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.0093	0°	14.41	24.98	39.39	128.27	-88.88	AVG
0.0093	0°	15.26	24.98	40.24	148.27	-108.03	PEAK
0.0221	0°	7.71	24.17	31.88	120.72	-88.84	AVG
0.0221	0°	8.56	24.17	32.73	140.72	-107.99	PEAK
0.0313	0°	4.12	23.58	27.70	117.69	-89.99	AVG
0.0313	0°	6.23	23.58	29.81	137.69	-107.88	PEAK
0.0427	0°	2.34	22.86	25.20	115.00	-89.79	AVG
0.0427	0°	3.65	22.86	26.51	135.00	-108.48	PEAK
0.4923	0°	18.89	19.82	38.71	73.76	-35.05	QP
1.7162	0°	22.74	19.53	42.27	69.54	-27.27	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.0095	90°	13.38	24.30	37.68	128.07	-90.39	AVG
0.0095	90°	14.92	24.30	39.22	148.07	-108.85	PEAK
0.0259	90°	7.53	23.93	31.46	119.34	-87.88	AVG
0.0259	90°	9.21	23.93	33.14	139.34	-106.20	PEAK
0.0317	90°	5.37	23.56	28.93	117.58	-88.65	AVG
0.0317	90°	6.52	23.56	30.08	137.58	-107.50	PEAK
0.0432	90°	1.79	22.83	24.62	114.89	-90.27	AVG
0.0432	90°	3.15	22.83	25.98	134.89	-108.91	PEAK
0.4922	90°	22.47	19.82	42.29	73.76	-31.47	QP
1.7154	90°	23.28	19.53	42.81	69.54	-26.73	QP

Radiated Measurement Photos

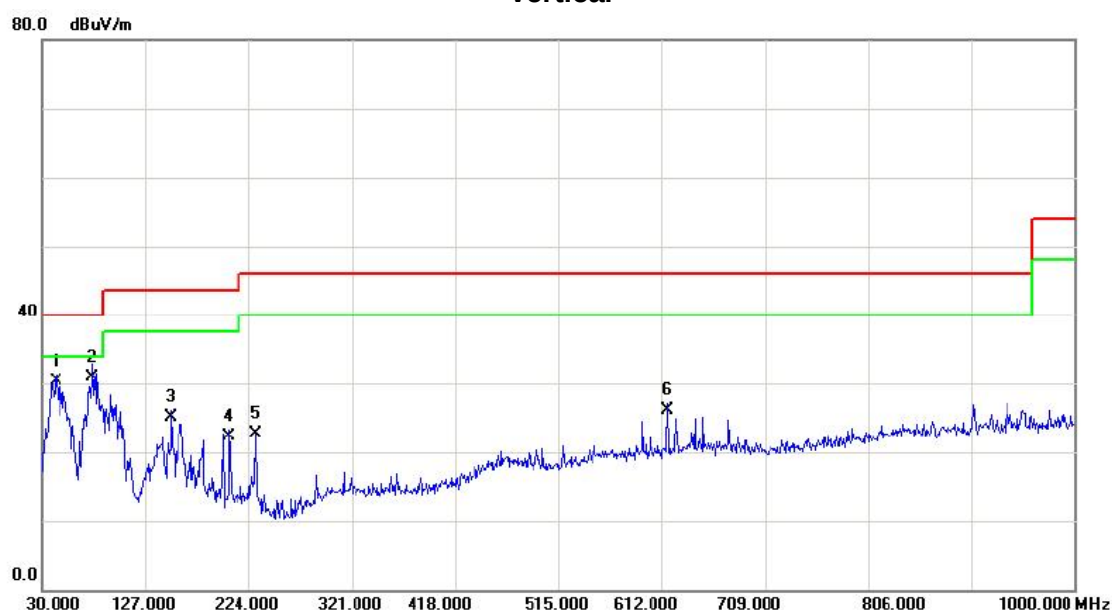
9KHZ to 30MHZ



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

Test Mode:	TX B MODE CHANNEL 01
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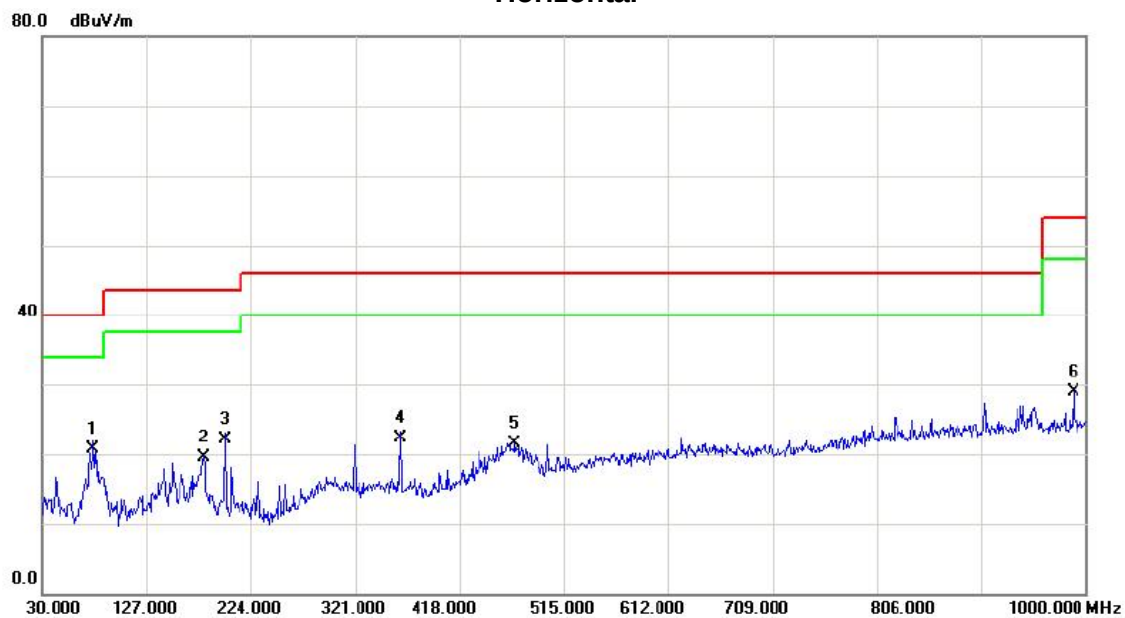
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		43.5800	45.54	-15.23	30.31	40.00	-9.69	QP	
2	*	77.5300	47.00	-16.02	30.98	40.00	-9.02	QP	
3		151.2500	38.73	-13.70	25.03	43.50	-18.47	QP	
4		205.5700	36.87	-14.59	22.28	43.50	-21.22	QP	
5		230.7900	37.88	-15.21	22.67	46.00	-23.33	QP	
6		617.8200	32.54	-6.41	26.13	46.00	-19.87	QP	

Test Mode: TX B MODE CHANNEL 01

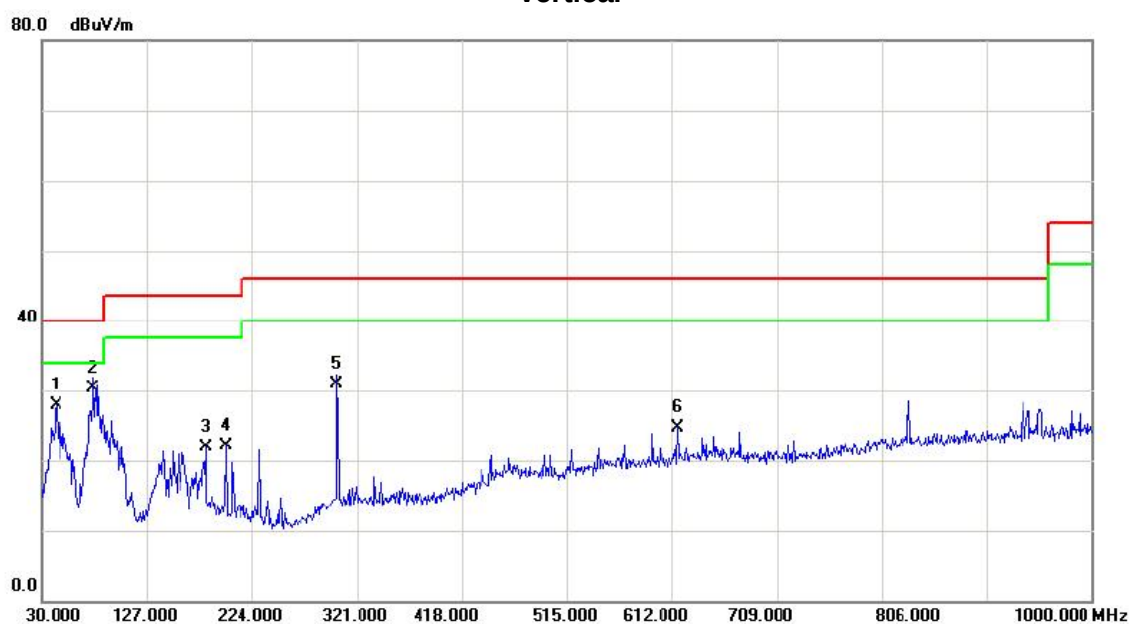
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	77.5300	36.77	-16.02	20.75	40.00	-19.25	QP	
2		180.3500	32.39	-12.79	19.60	43.50	-23.90	QP	
3		199.7500	36.80	-14.64	22.16	43.50	-21.34	QP	
4		362.7100	33.26	-10.90	22.36	46.00	-23.64	QP	
5		469.4100	31.07	-9.52	21.55	46.00	-24.45	QP	
6		988.3600	30.43	-1.43	29.00	54.00	-25.00	QP	

Test Mode: TX B MODE CHANNEL 06

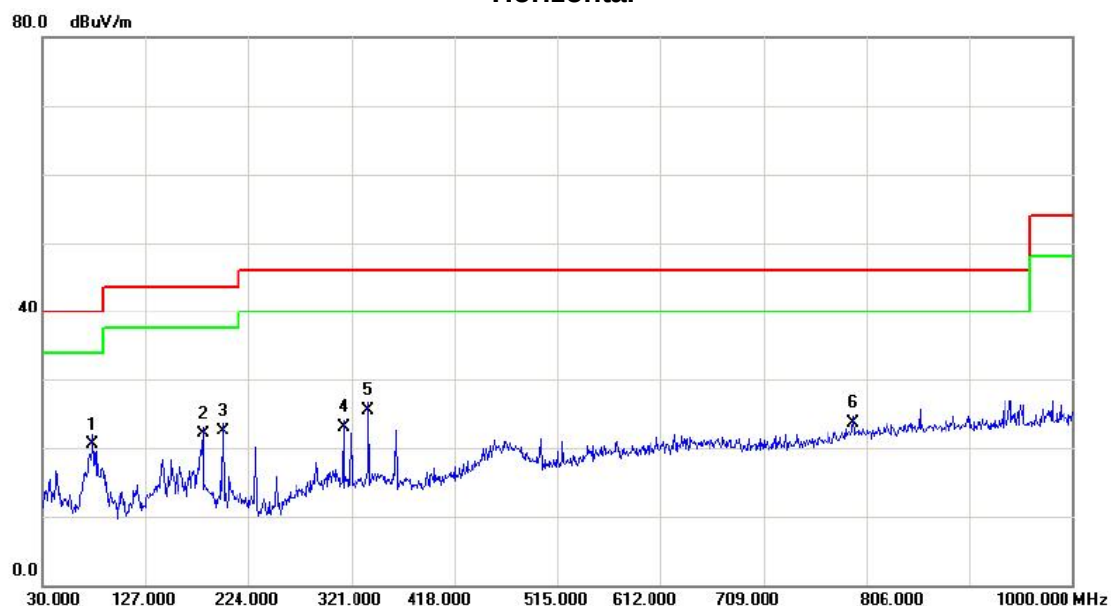
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		43.5800	43.10	-15.23	27.87	40.00	-12.13	QP	
2	*	77.5300	46.32	-16.02	30.30	40.00	-9.70	QP	
3		181.3200	34.80	-12.95	21.85	43.50	-21.65	QP	
4		199.7500	36.68	-14.64	22.04	43.50	-21.46	QP	
5		302.5700	41.75	-10.80	30.95	46.00	-15.05	QP	
6		617.8200	31.08	-6.41	24.67	46.00	-21.33	QP	

Test Mode: TX B MODE CHANNEL 06

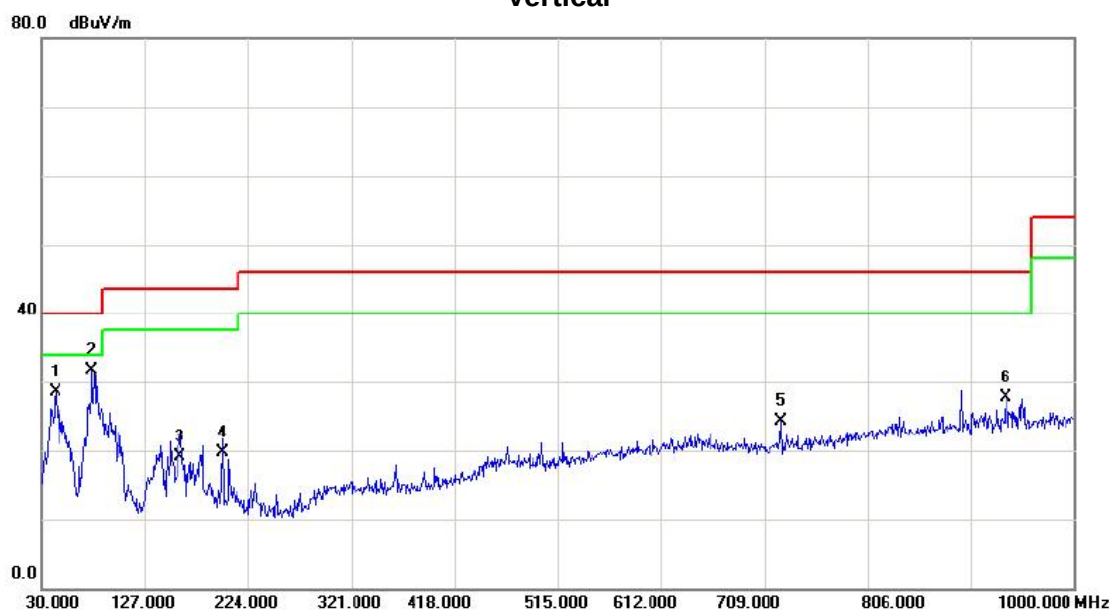
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	77.5300	36.61	-16.02	20.59	40.00	-19.41	QP	
2		181.3200	35.11	-12.95	22.16	43.50	-21.34	QP	
3		199.7500	37.19	-14.64	22.55	43.50	-20.95	QP	
4		313.2400	34.03	-10.83	23.20	46.00	-22.80	QP	
5		337.4900	36.51	-10.91	25.60	46.00	-20.40	QP	
6		793.3900	27.82	-4.18	23.64	46.00	-22.36	QP	

Test Mode: TX B MODE CHANNEL 11

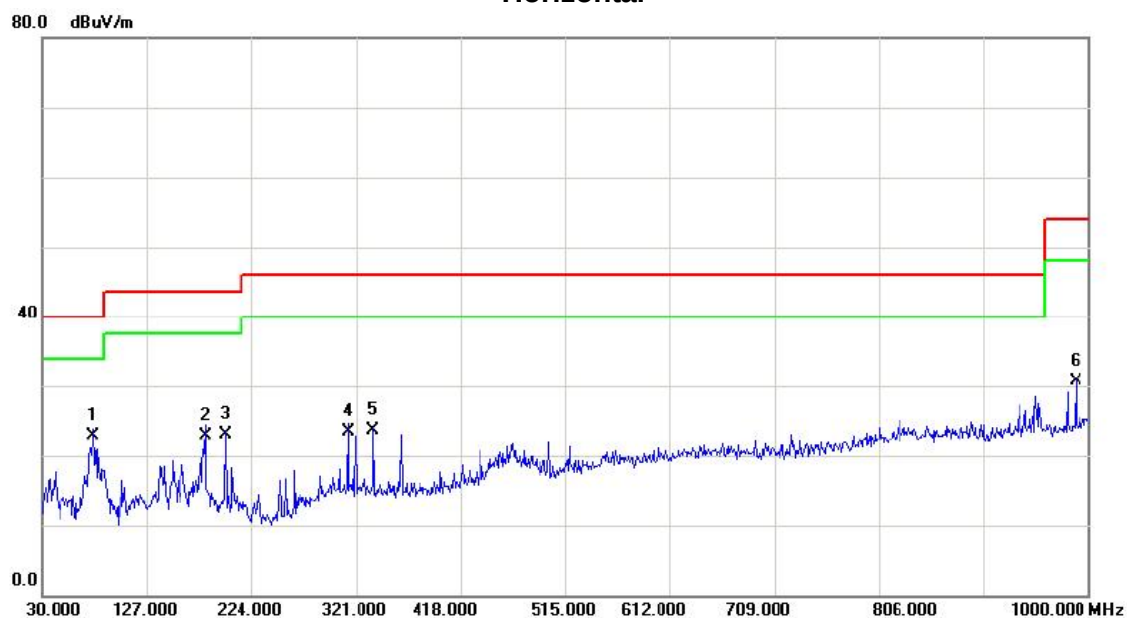
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		43.5800	43.73	-15.23	28.50	40.00	-11.50	QP	
2	*	77.5300	47.71	-16.02	31.69	40.00	-8.31	QP	
3		159.9800	32.82	-13.72	19.10	43.50	-24.40	QP	
4		199.7500	34.31	-14.64	19.67	43.50	-23.83	QP	
5		724.5200	30.08	-5.80	24.28	46.00	-21.72	QP	
6		935.9800	29.85	-2.12	27.73	46.00	-18.27	QP	

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	*	77.5300	38.83	-16.02	22.81	40.00	-17.19	QP	
2		181.3200	35.81	-12.95	22.86	43.50	-20.64	QP	
3		199.7500	37.67	-14.64	23.03	43.50	-20.47	QP	
4		313.2400	34.28	-10.83	23.45	46.00	-22.55	QP	
5		337.4900	34.64	-10.91	23.73	46.00	-22.27	QP	
6		988.3600	32.12	-1.43	30.69	54.00	-23.31	QP	

Radiated Measurement Photos

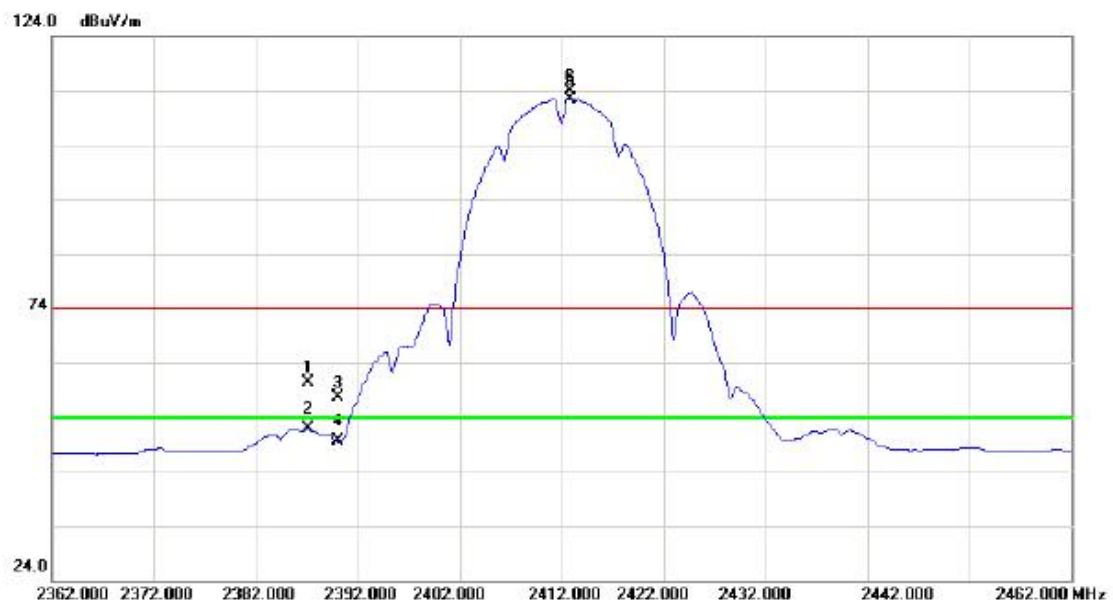
30MHz to 1000MHz



ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis :	X
Test Mode :	TX B 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		2387.100	27.71	32.67	60.38	74.00	-13.62	peak	
2		2387.100	19.12	32.67	51.79	54.00	-2.21	AVG	
3		2390.000	24.87	32.68	57.55	74.00	-16.45	peak	
4		2390.000	16.83	32.68	49.51	54.00	-4.49	AVG	
5	*	2412.800	79.77	32.71	112.48	54.00	58.48	AVG	NO limit
6	X	2412.900	81.27	32.71	113.98	74.00	39.98	peak	NO limit

Orthogonal Axis :	X
Test Mode :	TX B 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		4823.945	49.57	5.87	55.44	74.00	-18.56	peak	
2	*	4823.965	46.93	5.87	52.80	54.00	-1.20	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	24.35	32.68	57.03	74.00	-16.97	peak	
2		2390.000	14.47	32.68	47.15	54.00	-6.85	AVG	
3	X	2412.300	72.78	32.71	105.49	74.00	31.49	peak	NO limit
4	*	2412.800	70.87	32.71	103.58	54.00	49.58	AVG	NO limit

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

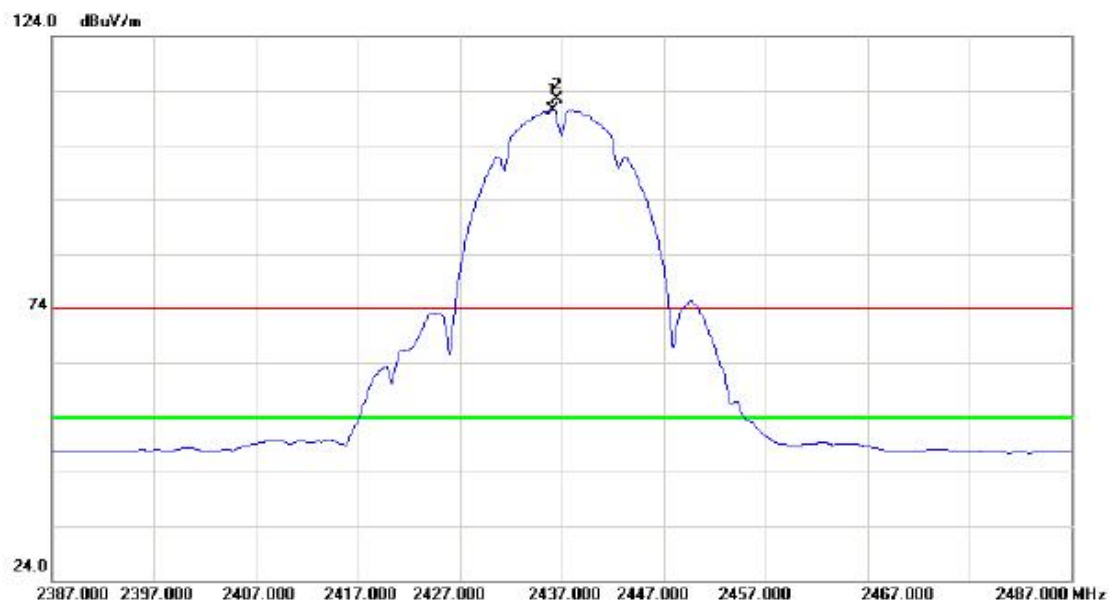
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4823.945	45.83	5.87	51.70	74.00	-22.30	peak	
2	*	4823.965	41.68	5.87	47.55	54.00	-6.45	AVG	

Orthogonal Axis :	X
Test Mode :	TX B 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	*	2436.200	77.74	32.74	110.48	54.00	56.48	AVG	NO limit
2	X	2436.500	79.62	32.74	112.36	74.00	38.36	peak	NO limit

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

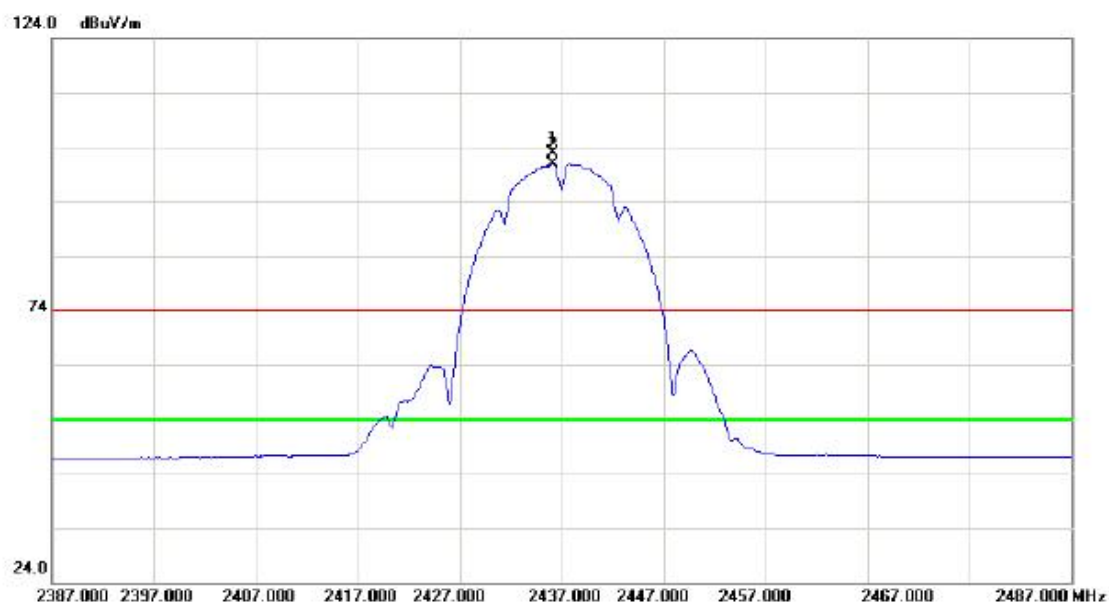
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4873.965	46.74	6.01	52.75	54.00	-1.25	AVG	
2		4874.020	49.62	6.01	55.63	74.00	-18.37	peak	

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	2436.100	70.03	32.74	102.77	74.00	28.77	peak	NO limit
2	*	2436.200	68.13	32.74	100.87	54.00	46.87	AVG	NO limit

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		4873.945	45.95	6.01	51.96	74.00	-22.04	peak	
2	*	4873.975	41.38	6.01	47.39	54.00	-6.61	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	*	2461.200	74.48	32.78	107.26	54.00	53.26	AVG	NO limit
2	X	2461.500	76.42	32.78	109.20	74.00	35.20	peak	NO limit
3		2483.500	25.89	32.81	58.70	74.00	-15.30	peak	
4		2483.500	16.82	32.81	49.63	54.00	-4.37	AVG	
5		2488.200	28.52	32.81	61.33	74.00	-12.67	peak	
6		2488.200	20.23	32.81	53.04	54.00	-0.96	AVG	

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

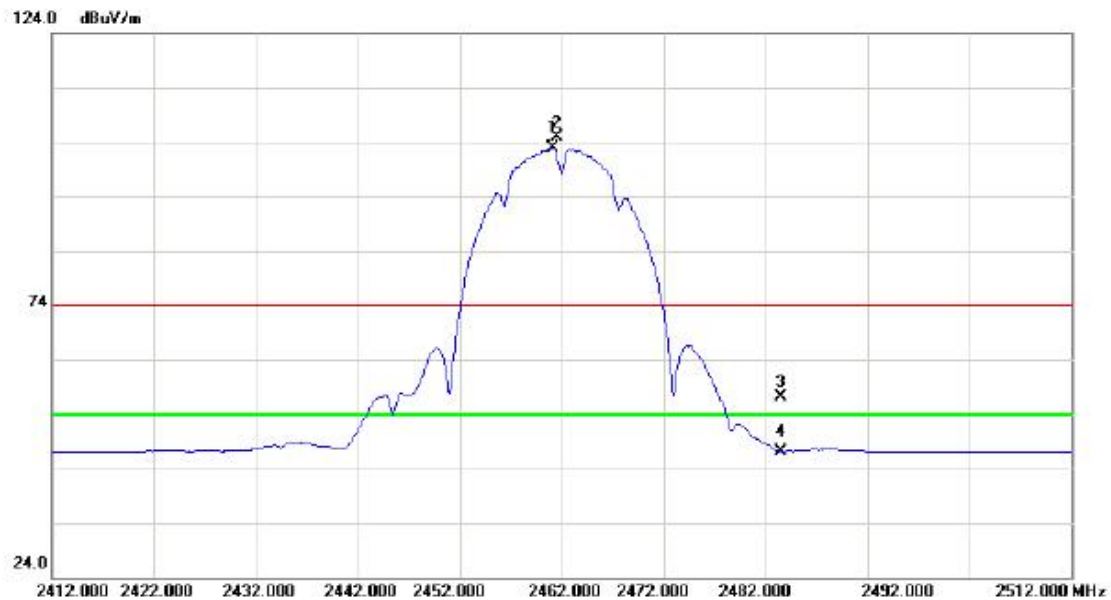
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4923.965	47.94	6.14	54.08	74.00	-19.92	peak	
2	*	4923.970	44.88	6.14	51.02	54.00	-2.98	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	*	2461.200	70.14	32.78	102.92	54.00	48.92	AVG	NO limit
2	X	2461.600	72.03	32.78	104.81	74.00	30.81	peak	NO limit
3		2483.500	24.42	32.81	57.23	74.00	-16.77	peak	
4		2483.500	14.44	32.81	47.25	54.00	-6.75	AVG	

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

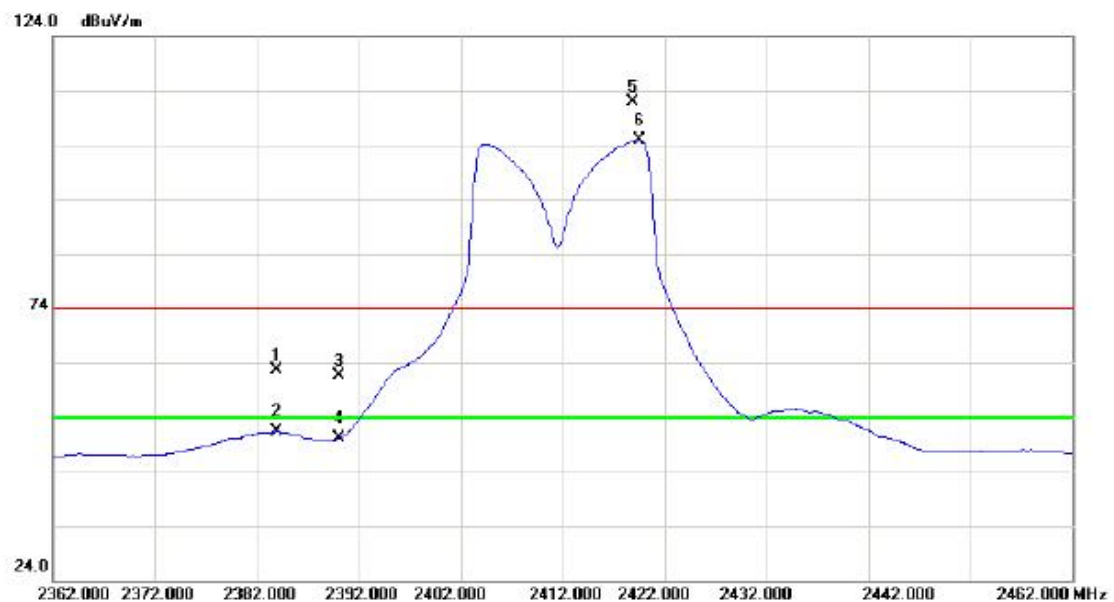
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4923.945	40.20	6.14	46.34	54.00	-7.66	AVG	
2		4924.050	45.32	6.14	51.46	74.00	-22.54	peak	

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		2383.900	30.00	32.67	62.67	74.00	-11.33	peak	
2		2383.900	18.60	32.67	51.27	54.00	-2.73	AVG	
3		2390.000	29.06	32.68	61.74	74.00	-12.26	peak	
4		2390.000	17.48	32.68	50.16	54.00	-3.84	AVG	
5	X	2418.900	79.08	32.72	111.80	74.00	37.80	peak	NO limit
6	*	2419.500	72.25	32.72	104.97	54.00	50.97	AVG	NO limit

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

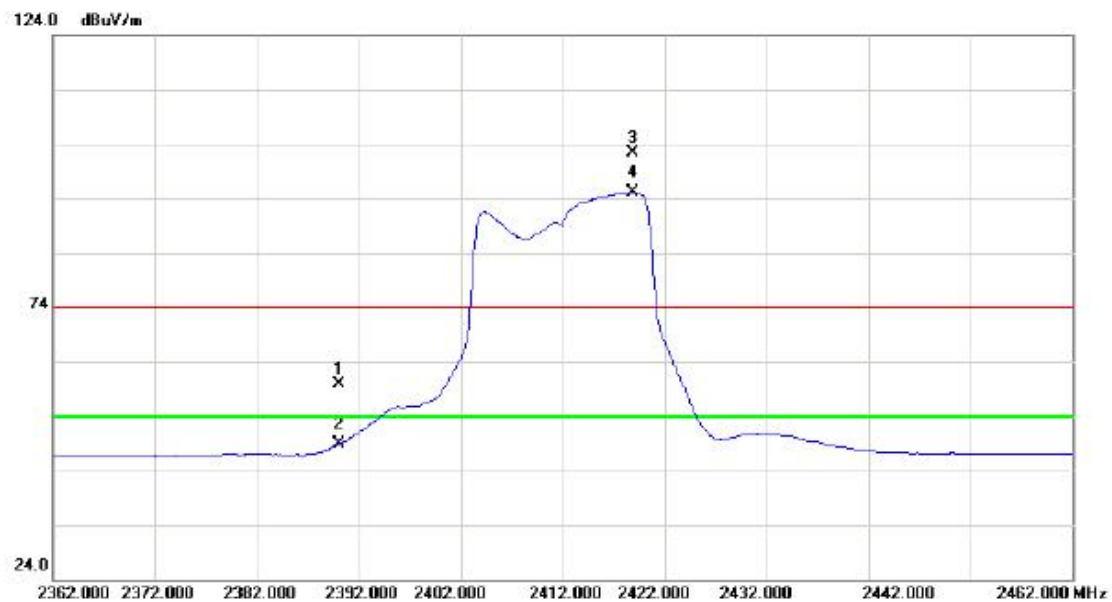
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4823.920	32.74	5.87	38.61	54.00	-15.39	AVG	
2		4824.320	44.79	5.87	50.66	74.00	-23.34	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	27.30	32.68	59.98	74.00	-14.02	peak	
2		2390.000	16.20	32.68	48.88	54.00	-5.12	AVG	
3	X	2418.800	69.57	32.72	102.29	74.00	28.29	peak	NO limit
4	*	2418.800	62.35	32.72	95.07	54.00	41.07	AVG	NO limit

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

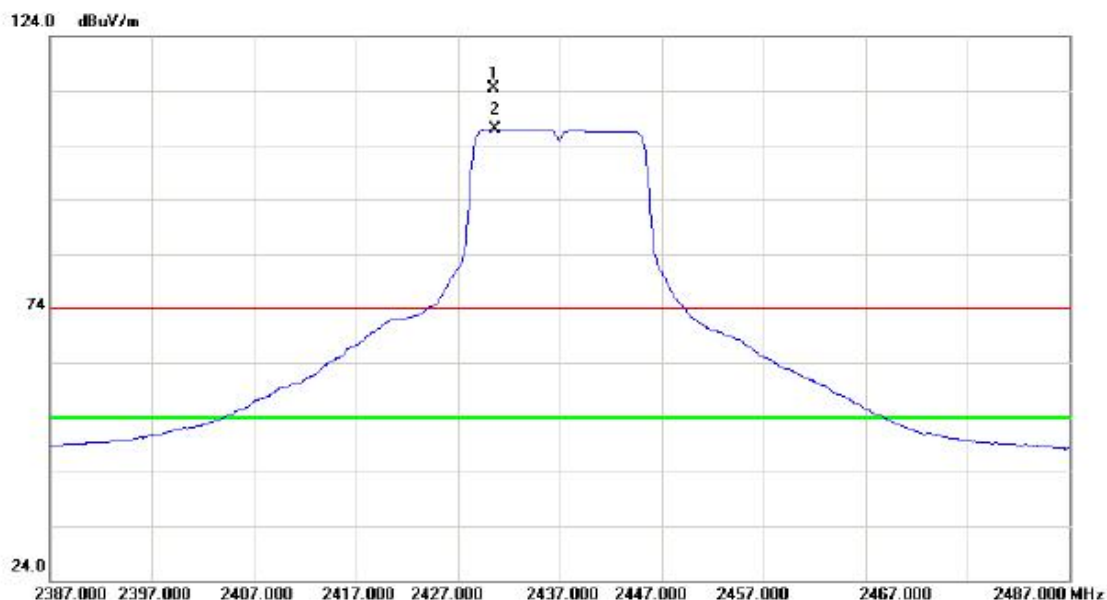
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4823.940	30.80	5.87	36.67	54.00	-17.33	AVG	
2		4824.080	41.52	5.87	47.39	74.00	-26.61	peak	

Orthogonal Axis :	X
Test Mode :	TX G 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	X	2430.500	81.68	32.73	114.41	74.00	40.41	peak	NO limit
2	*	2430.700	74.19	32.73	106.92	54.00	52.92	AVG	NO limit

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

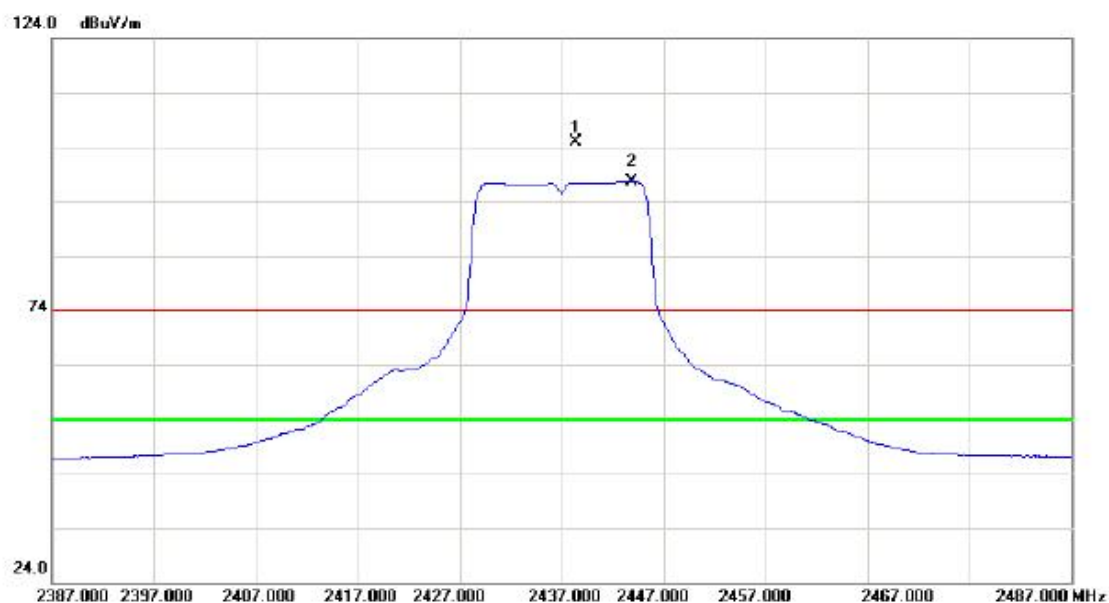
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4873.920	44.76	6.01	50.77	74.00	-23.23	peak	
2	*	4873.920	33.36	6.01	39.37	54.00	-14.63	AVG	

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	X	2438.400	72.19	32.74	104.93	74.00	30.93	peak	NO limit
2	*	2443.800	64.84	32.76	97.60	54.00	43.60	AVG	NO limit

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

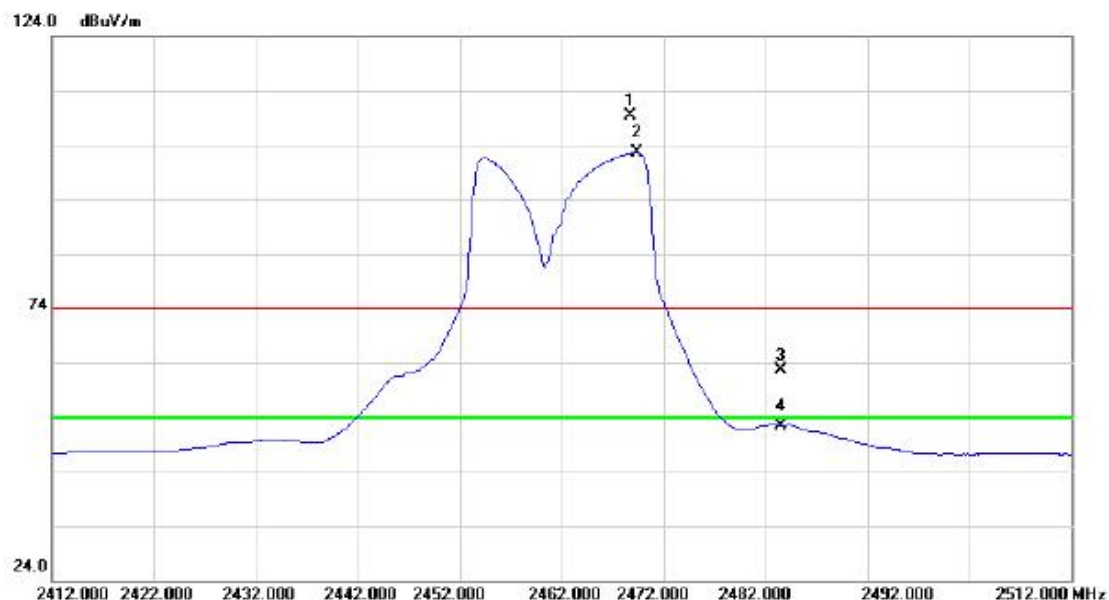
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4873.760	42.04	6.01	48.05	74.00	-25.95	peak	
2	*	4873.980	30.27	6.01	36.28	54.00	-17.72	AVG	

Orthogonal Axis :	X
Test Mode :	TX G 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	X	2468.700	76.61	32.78	109.39	74.00	35.39	peak	NO limit
2	*	2469.400	69.82	32.79	102.61	54.00	48.61	AVG	NO limit
3		2483.500	29.79	32.81	62.60	74.00	-11.40	peak	
4		2483.500	19.62	32.81	52.43	54.00	-1.57	AVG	

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

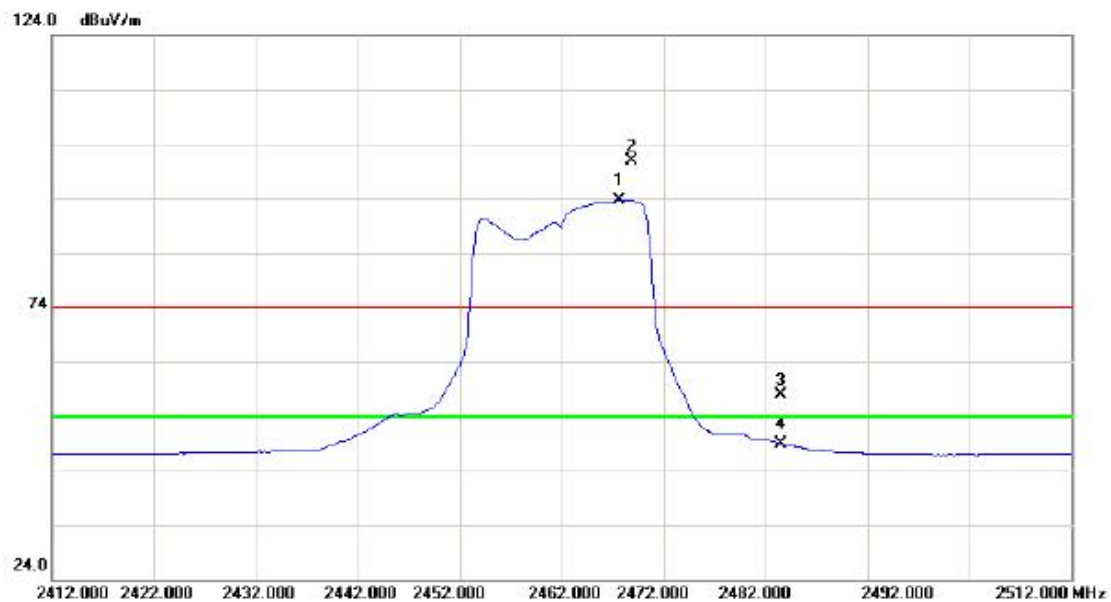
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4924.000	40.99	6.14	47.13	74.00	-26.87	peak	
2	*	4924.000	31.68	6.14	37.82	54.00	-16.18	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	*	2467.700	60.78	32.78	93.56	54.00	39.56	AVG	NO limit
2	X	2468.800	68.02	32.79	100.81	74.00	26.81	peak	NO limit
3		2483.500	25.14	32.81	57.95	74.00	-16.05	peak	
4		2483.500	16.17	32.81	48.98	54.00	-5.02	AVG	

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

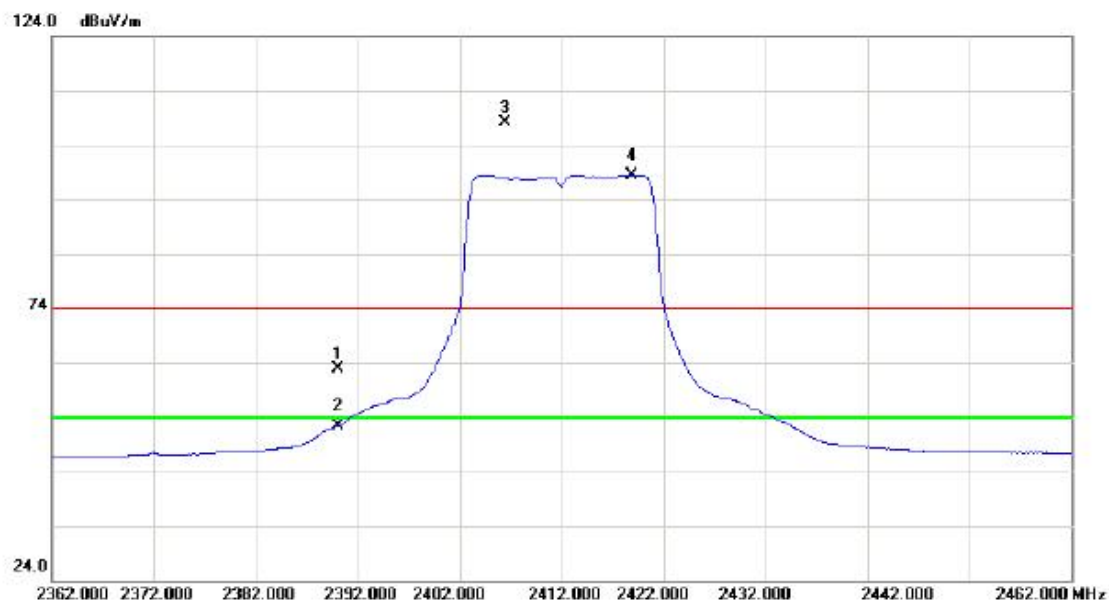
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4923.860	29.93	6.14	36.07	54.00	-17.93	AVG	
2		4924.140	41.15	6.14	47.29	74.00	-26.71	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M 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		2390.000	30.17	32.68	62.85	74.00	-11.15	peak	
2		2390.000	19.80	32.68	52.48	54.00	-1.52	AVG	
3	X	2406.500	75.44	32.71	108.15	74.00	34.15	peak	NO limit
4	*	2418.800	65.69	32.72	98.41	54.00	44.41	AVG	NO limit

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

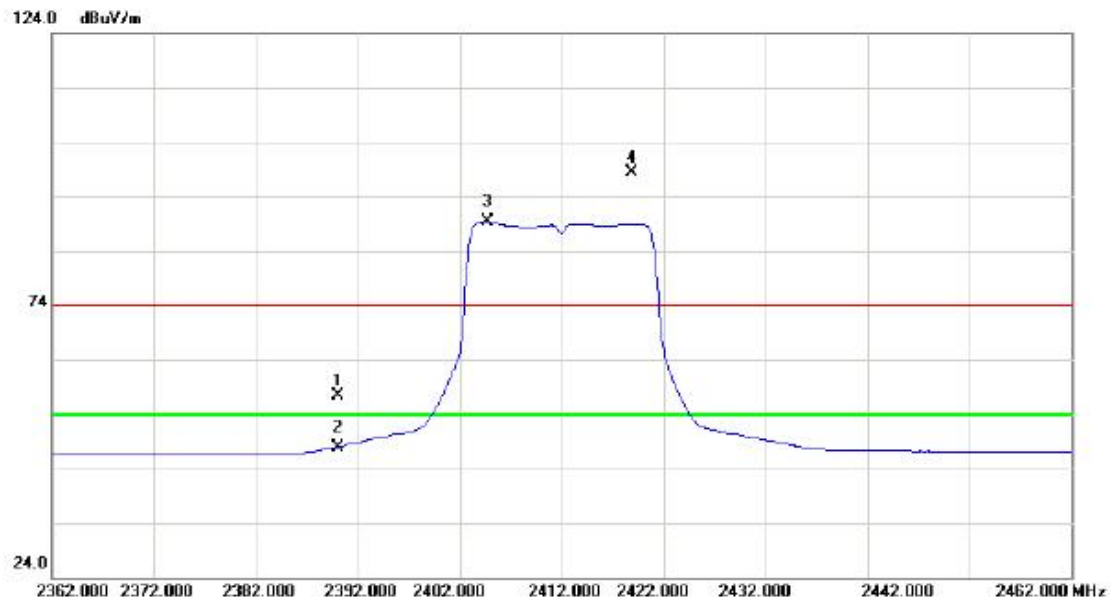
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4823.620	30.36	5.87	36.23	54.00	-17.77	AVG	
2		4824.180	41.33	5.87	47.20	74.00	-26.80	peak	

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	24.63	32.68	57.31	74.00	-16.69	peak	
2		2390.000	15.21	32.68	47.89	54.00	-6.11	AVG	
3	*	2404.700	56.64	32.69	89.33	54.00	35.33	AVG	NO limit
4	X	2418.900	65.56	32.72	98.28	74.00	24.28	peak	NO limit

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

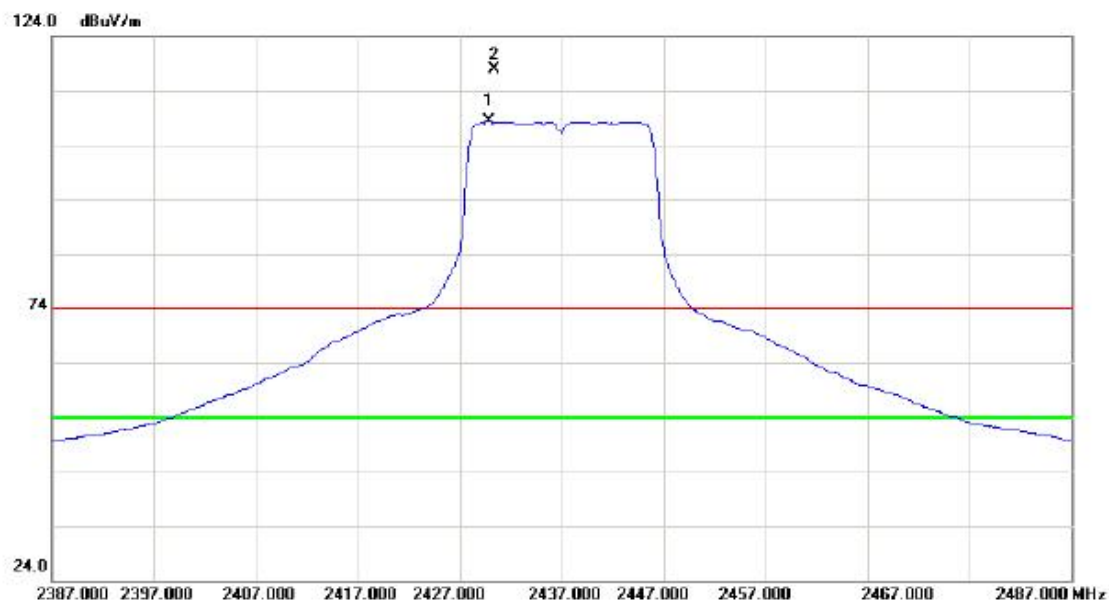
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4823.960	40.56	5.87	46.43	74.00	-27.57	peak	
2	*	4823.960	29.72	5.87	35.59	54.00	-18.41	AVG	

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	*	2429.800	75.55	32.73	108.28	54.00	54.28	AVG	NO limit
2	X	2430.400	85.13	32.73	117.86	74.00	43.86	peak	NO limit

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

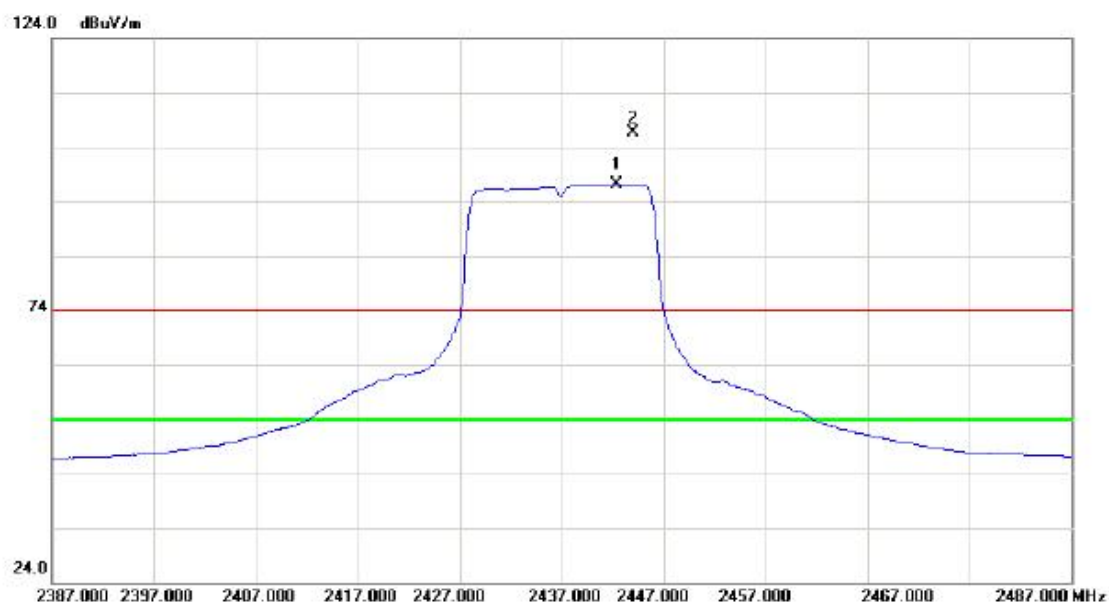
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4874.080	43.72	6.01	49.73	74.00	-24.27	peak	
2	*	4874.440	33.47	6.01	39.48	54.00	-14.52	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	*	2442.400	64.41	32.75	97.16	54.00	43.16	AVG	NO limit
2	X	2444.000	73.82	32.76	106.58	74.00	32.58	peak	NO limit

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

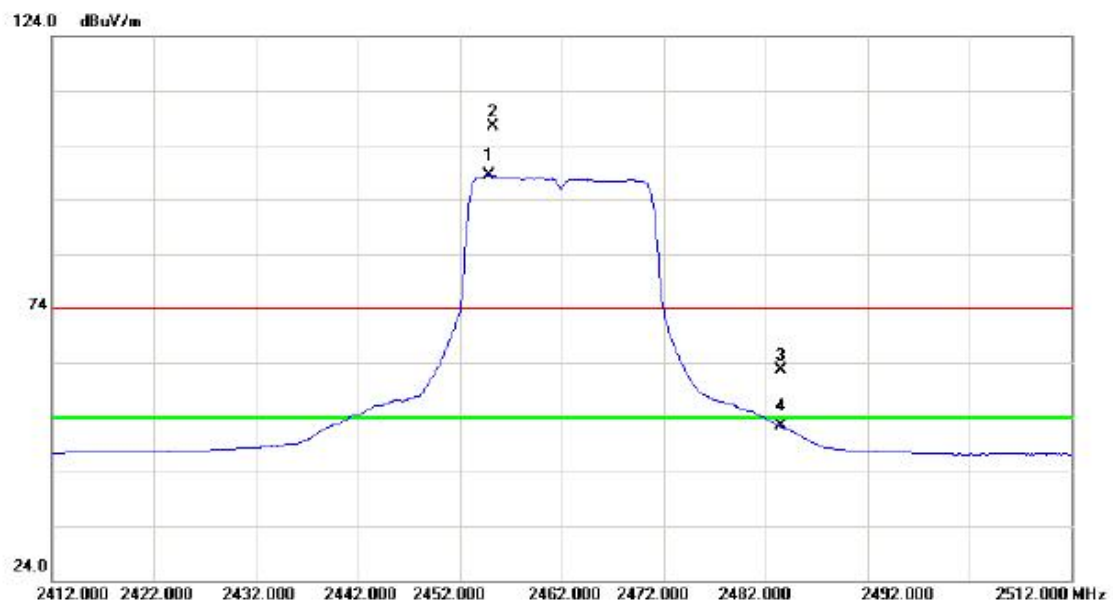
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4874.000	30.27	6.01	36.28	54.00	-17.72	AVG	
2		4874.280	41.56	6.01	47.57	74.00	-26.43	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	65.60	32.76	98.36	54.00	44.36	AVG	NO limit
2	X	2455.300	74.60	32.76	107.36	74.00	33.36	peak	NO limit
3		2483.500	29.72	32.81	62.53	74.00	-11.47	peak	
4		2483.500	19.46	32.81	52.27	54.00	-1.73	AVG	

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

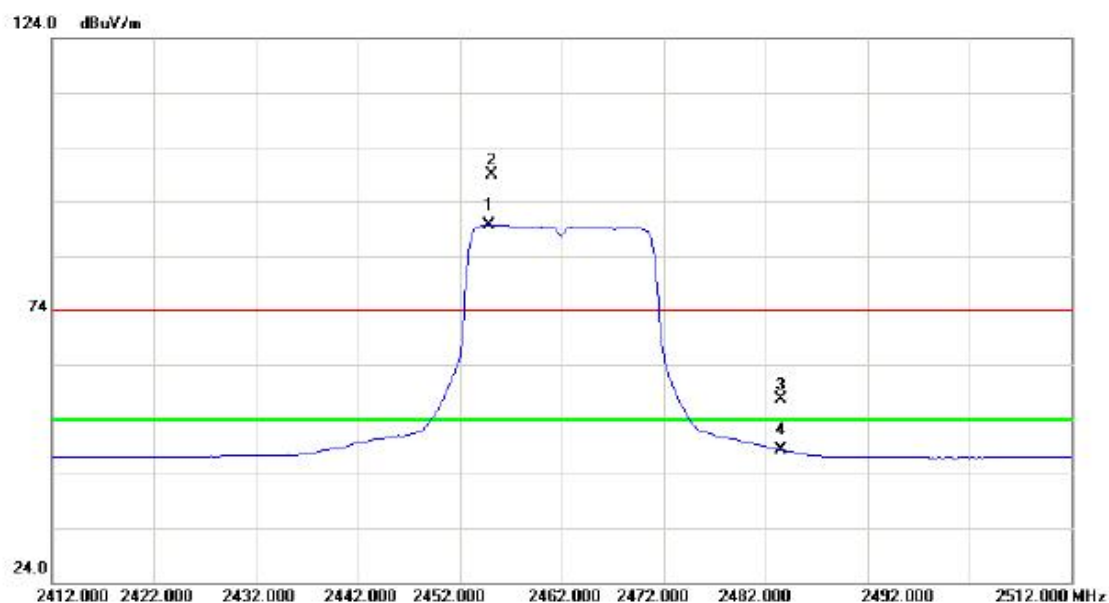
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4924.340	40.79	6.14	46.93	74.00	-27.07	peak	
2	*	4924.380	30.13	6.14	36.27	54.00	-17.73	AVG	

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	*	2454.800	56.99	32.76	89.75	54.00	35.75	AVG	NO limit
2	X	2455.200	66.21	32.76	98.97	74.00	24.97	peak	NO limit
3		2483.500	24.73	32.81	57.54	74.00	-16.46	peak	
4		2483.500	15.59	32.81	48.40	54.00	-5.60	AVG	

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

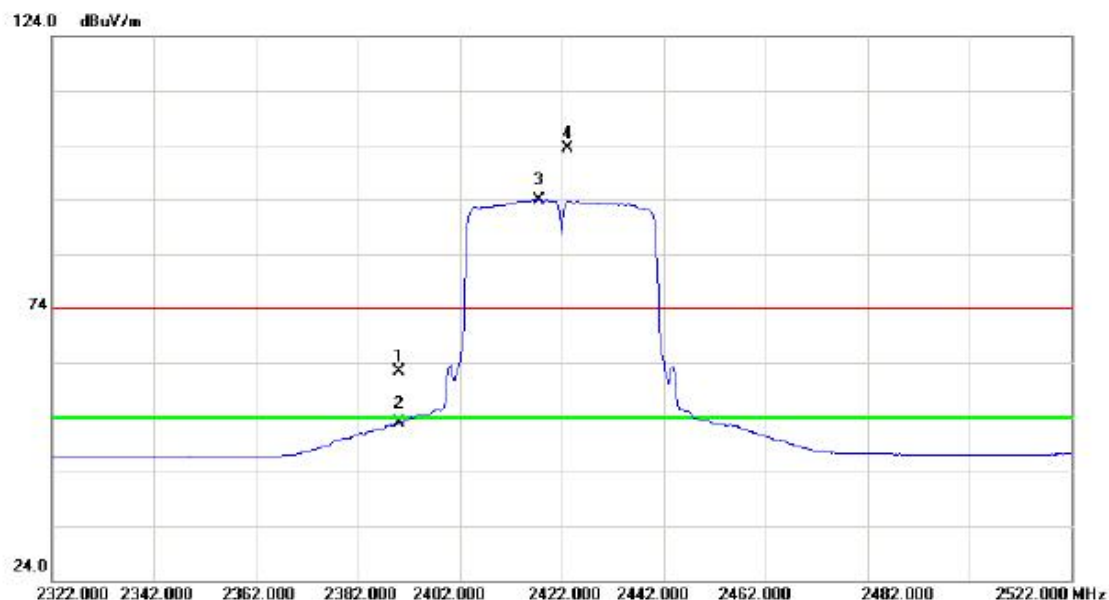
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4923.960	38.91	6.14	45.05	74.00	-28.95	peak	
2	*	4924.000	29.37	6.14	35.51	54.00	-18.49	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	29.76	32.68	62.44	74.00	-11.56	peak	
2		2390.000	20.09	32.68	52.77	54.00	-1.23	AVG	
3	*	2417.600	61.12	32.71	93.83	54.00	39.83	AVG	NO limit
4	X	2423.200	70.66	32.73	103.39	74.00	29.39	peak	NO limit

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

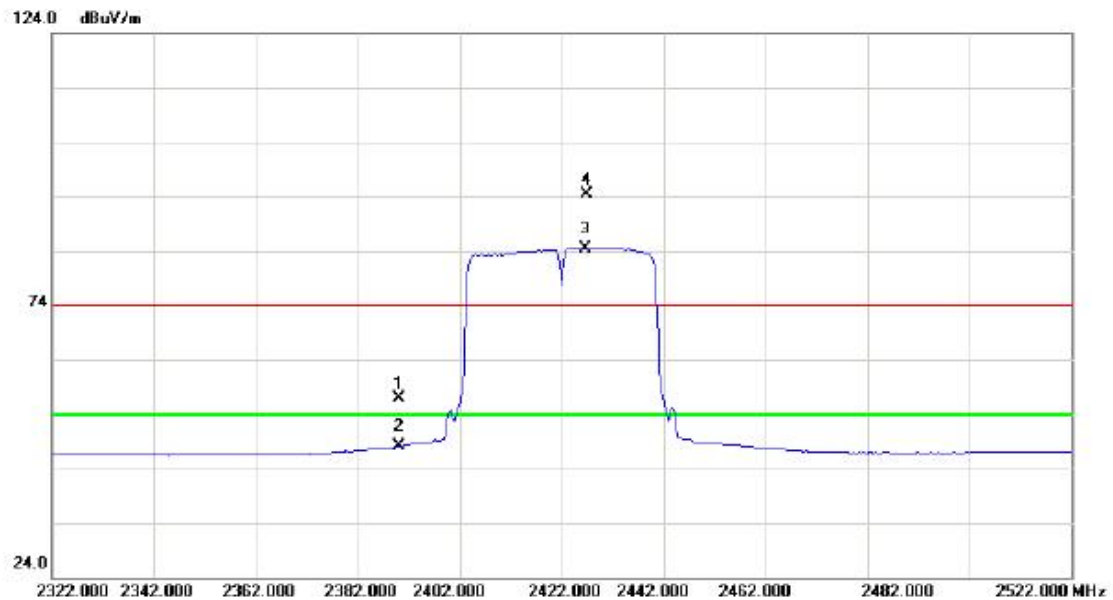
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4843.700	40.78	5.92	46.70	74.00	-27.30	peak	
2	*	4843.940	29.28	5.93	35.21	54.00	-18.79	AVG	

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

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	24.19	32.68	56.87	74.00	-17.13	peak	
2		2390.000	15.41	32.68	48.09	54.00	-5.91	AVG	
3	*	2426.600	51.75	32.73	84.48	54.00	30.48	AVG	NO limit
4	X	2426.800	61.55	32.73	94.28	74.00	20.28	peak	NO limit

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

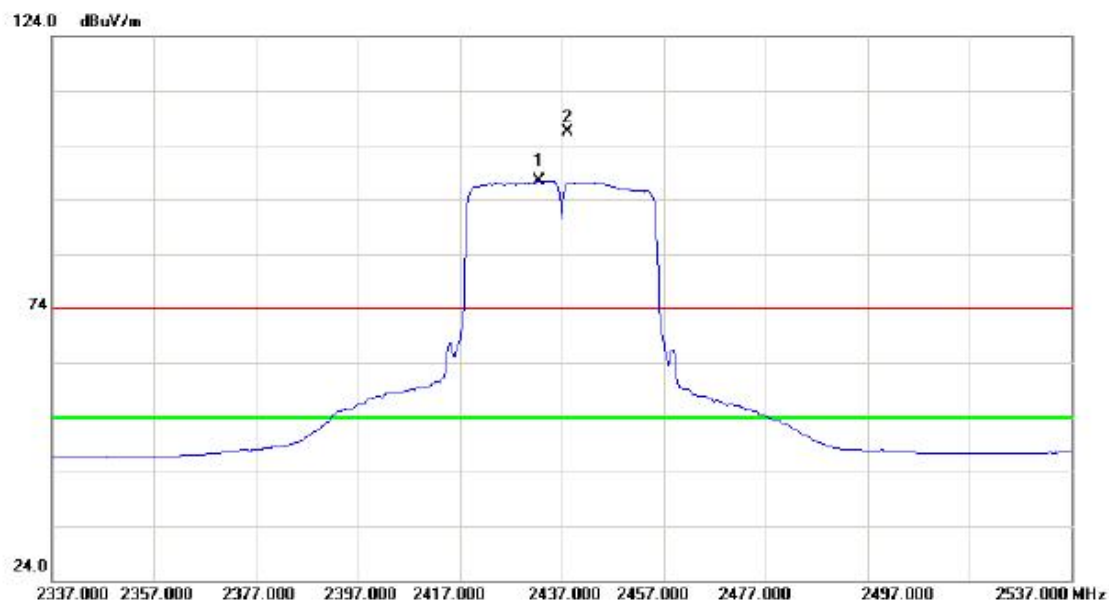
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4843.880	29.09	5.93	35.02	54.00	-18.98	AVG	
2		4844.000	39.16	5.93	45.09	74.00	-28.91	peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M 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	*	2432.600	64.60	32.74	97.34	54.00	43.34	AVG	NO limit
2	X	2438.200	73.69	32.74	106.43	74.00	32.43	peak	NO limit

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

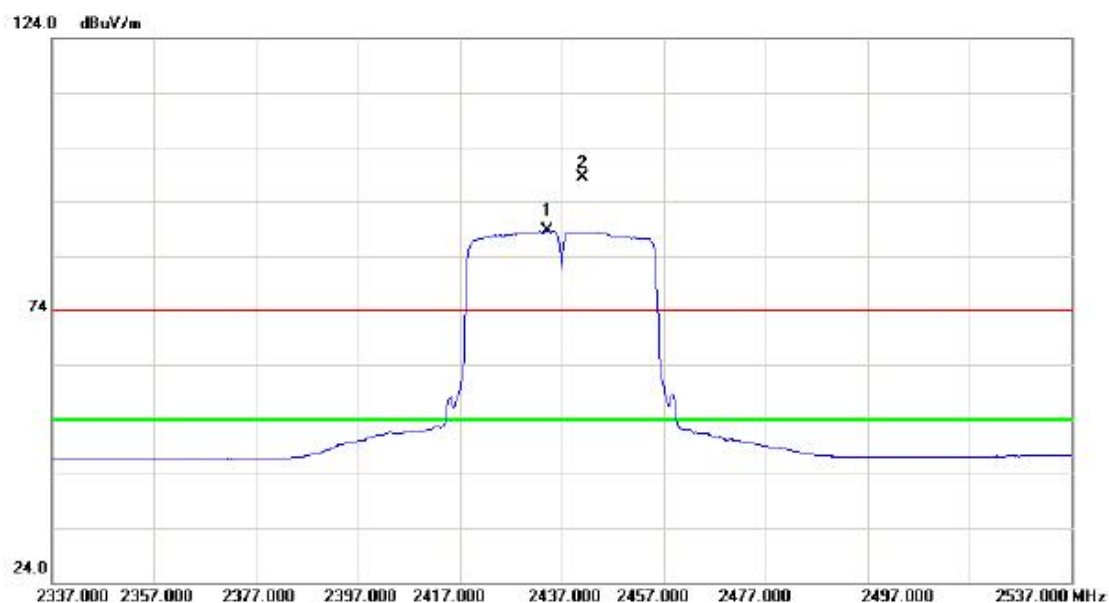
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4873.960	29.30	6.01	35.31	54.00	-18.69	AVG	
2		4874.120	40.41	6.01	46.42	74.00	-27.58	peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M 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	*	2434.200	55.80	32.74	88.54	54.00	34.54	AVG	NO limit
2	X	2441.200	65.55	32.75	98.30	74.00	24.30	peak	NO limit

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

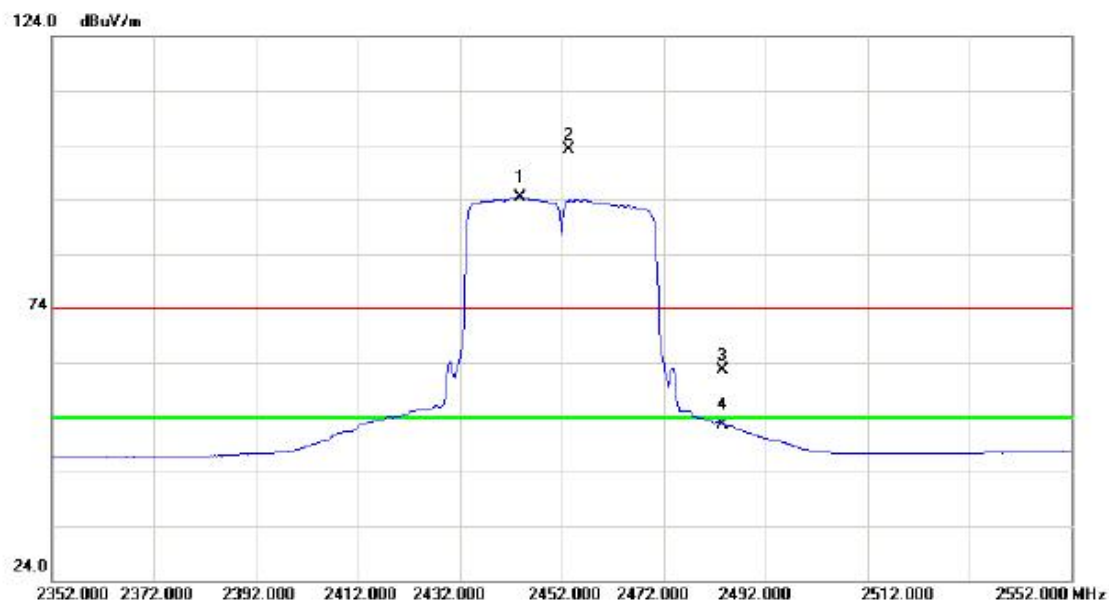
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4873.960	38.03	6.01	44.04	74.00	-29.96	peak	
2	*	4873.960	28.83	6.01	34.84	54.00	-19.16	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2443.800	61.56	32.76	94.32	54.00	40.32	AVG	NO limit
2	X	2453.600	70.29	32.76	103.05	74.00	29.05	peak	NO limit
3		2483.500	29.80	32.81	62.61	74.00	-11.39	peak	
4		2483.500	19.89	32.81	52.70	54.00	-1.30	AVG	

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

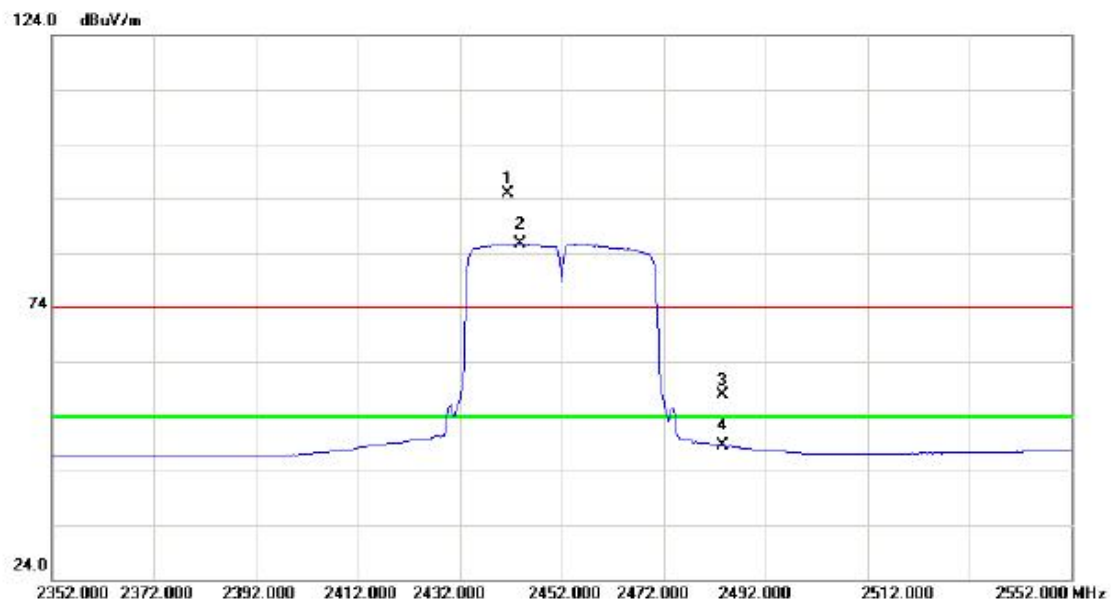
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4903.900	40.24	6.09	46.33	74.00	-27.67	peak	
2	*	4904.060	29.39	6.09	35.48	54.00	-18.52	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2441.400	62.17	32.75	94.92	74.00	20.92	peak	NO limit
2	*	2443.800	52.97	32.76	85.73	54.00	31.73	AVG	NO limit
3		2483.500	25.18	32.81	57.99	74.00	-16.01	peak	
4		2483.500	15.84	32.81	48.65	54.00	-5.35	AVG	

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

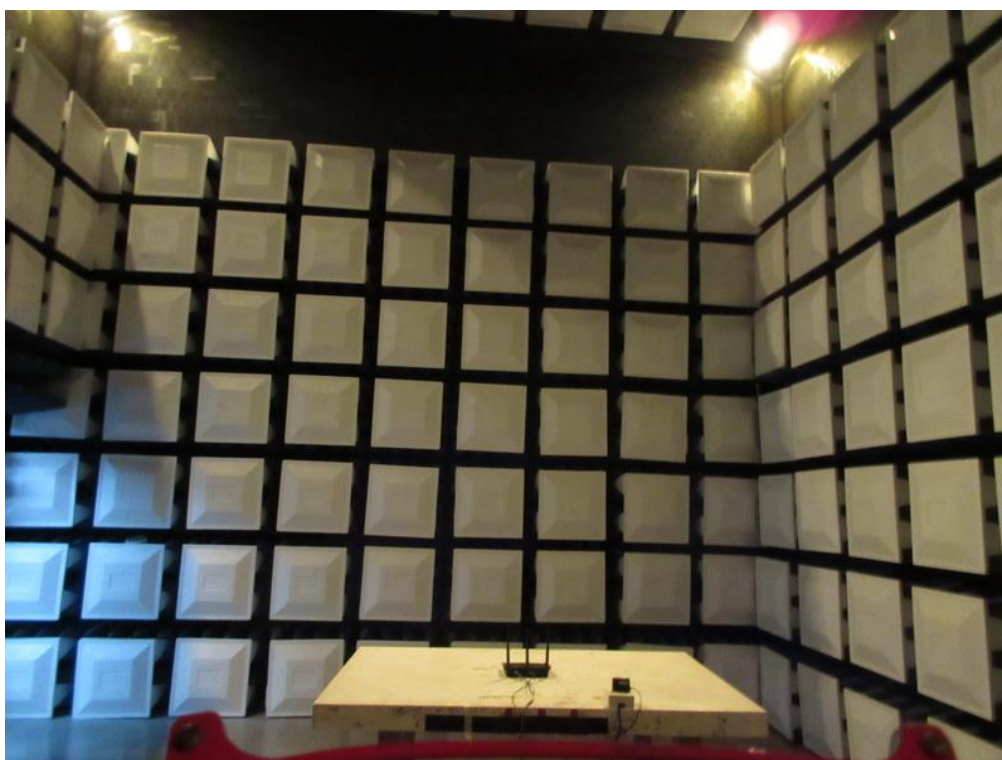
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4903.960	29.11	6.09	35.20	54.00	-18.80	AVG	
2		4904.120	39.02	6.09	45.11	74.00	-28.89	peak	

Radiated Measurement Photos

Above 1000MHz

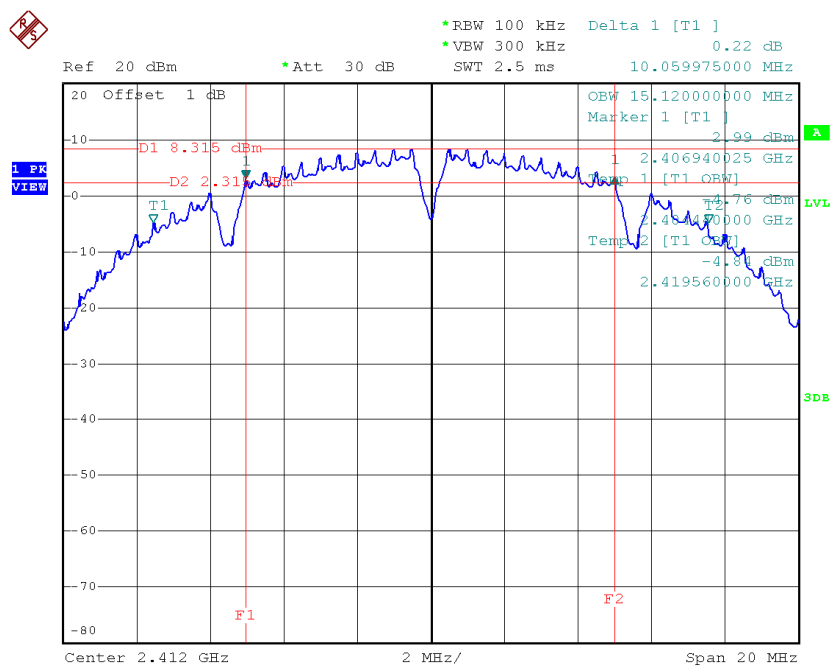


ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

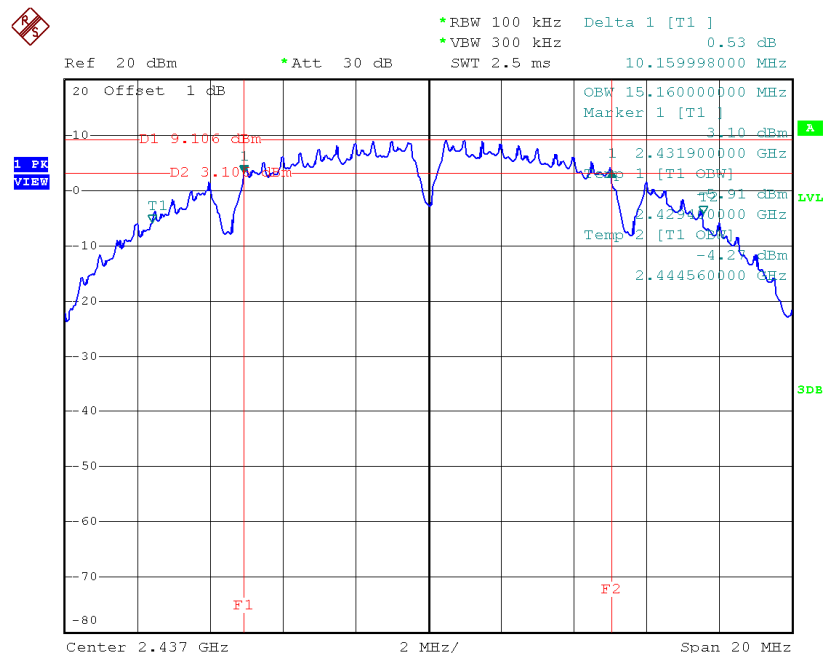
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.06	15.12	500	Complies
2437	10.16	15.16	500	Complies
2462	10.12	15.12	500	Complies

TX CH01



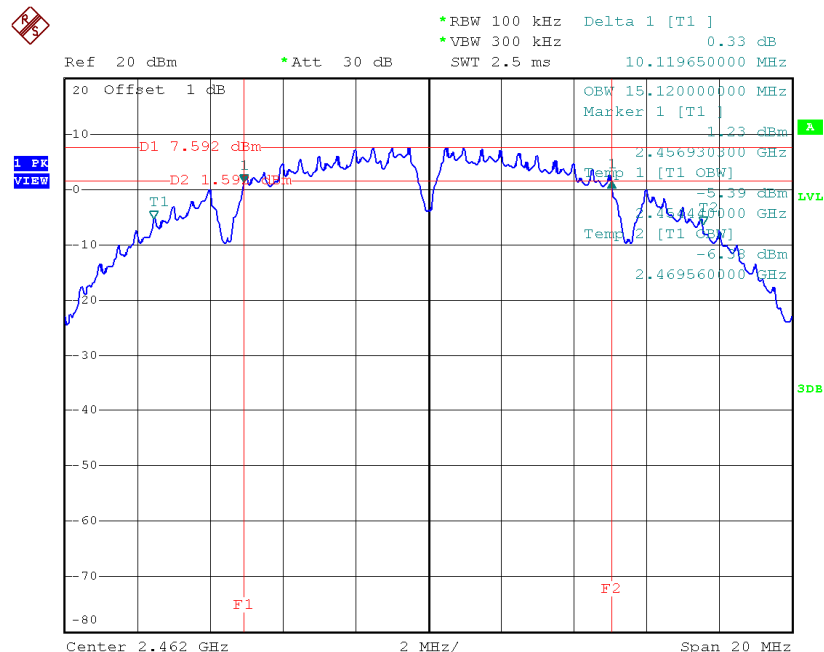
Date: 20.MAY.2015 14:12:57

TX CH06



Date: 20.MAY.2015 14:14:17

TX CH11

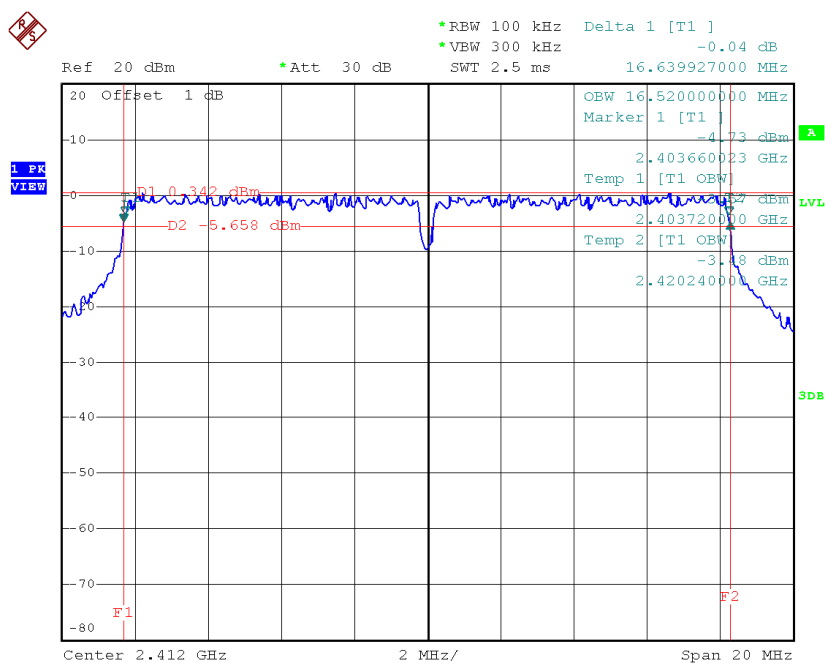


Date: 20.MAY.2015 14:15:36

Test Mode: TX G Mode_CH01/06/11

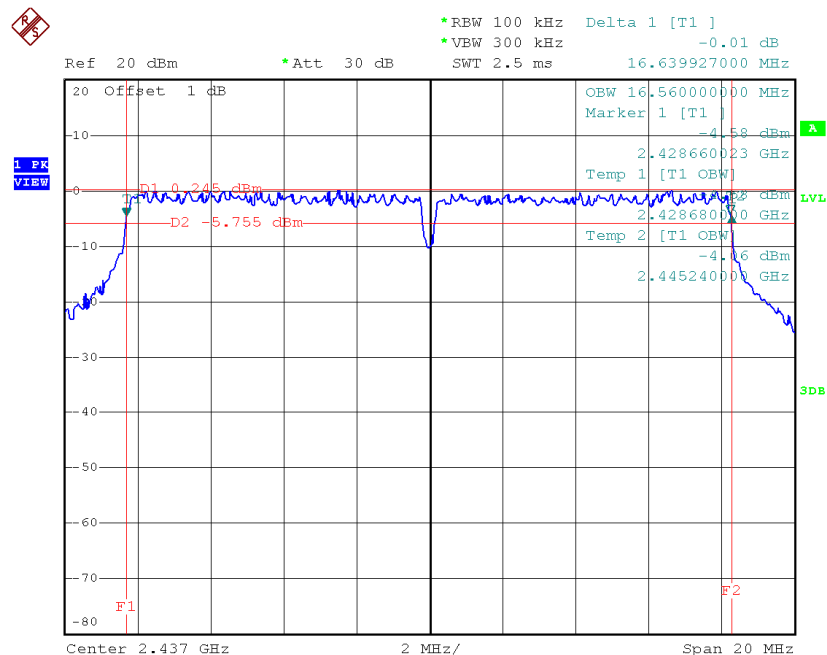
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.64	16.52	500	Complies
2437	16.64	16.56	500	Complies
2462	16.64	16.56	500	Complies

TX CH01



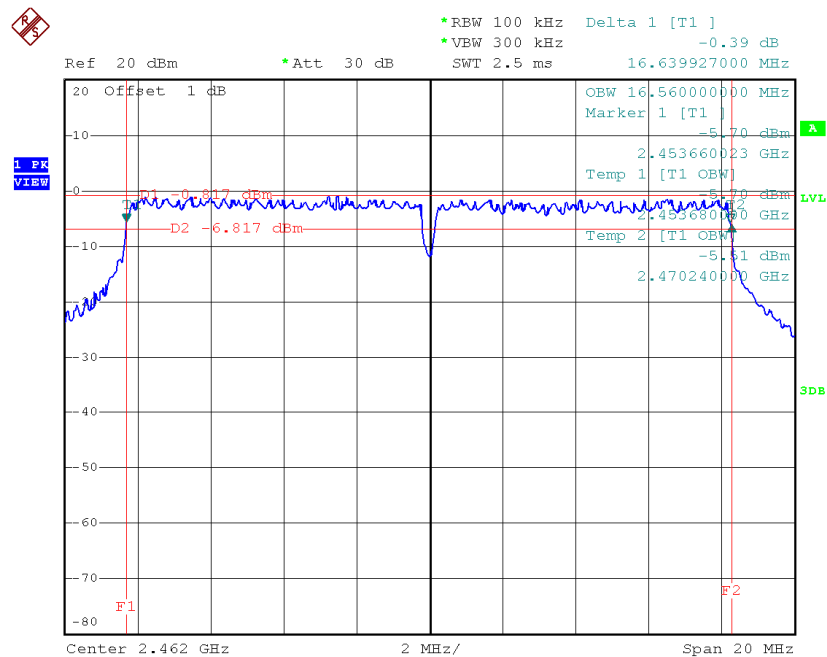
Date: 20.MAY.2015 14:22:51

TX CH06



Date: 20.MAY.2015 14:23:55

TX CH11

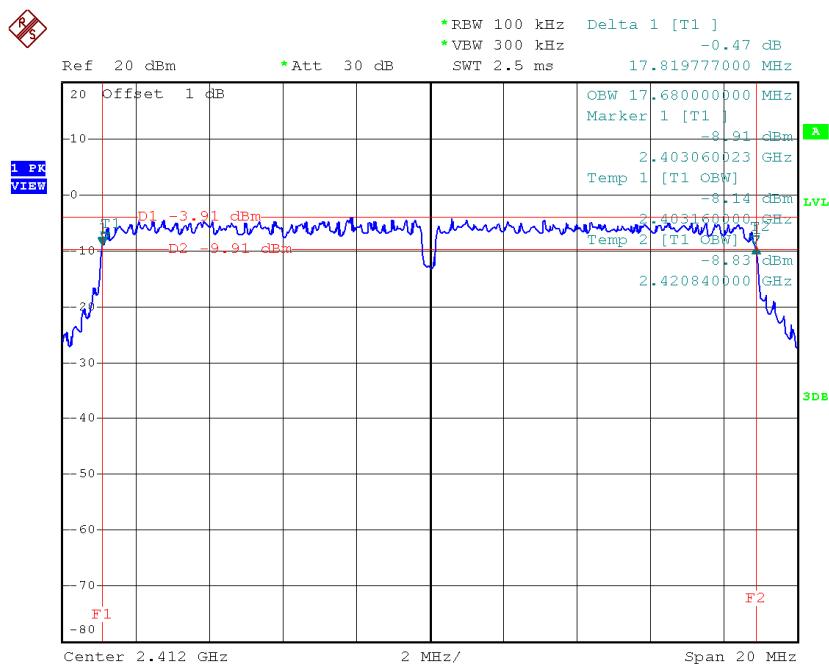


Date: 20.MAY.2015 14:25:01

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

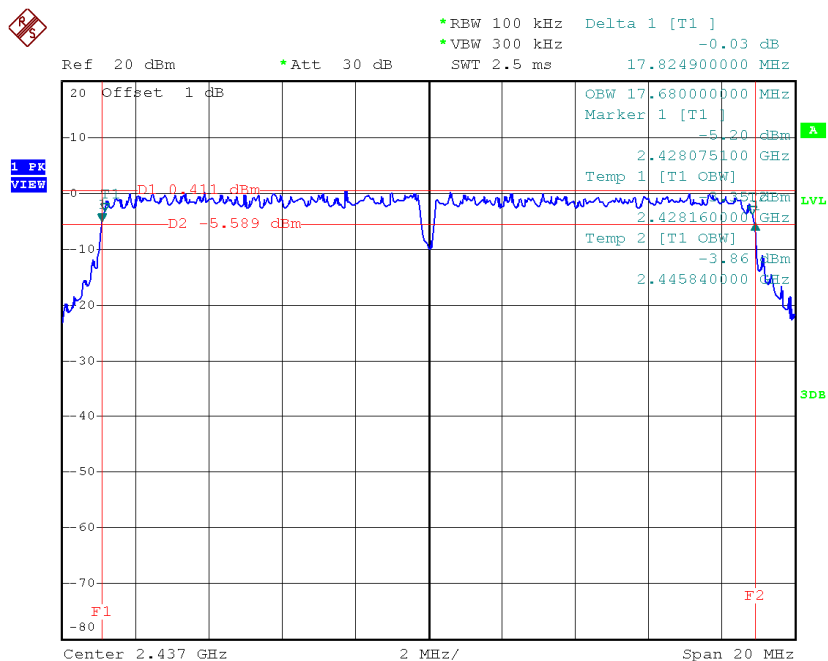
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.82	17.68	500	Complies
2437	17.82	17.68	500	Complies
2462	17.82	17.68	500	Complies

TX CH01



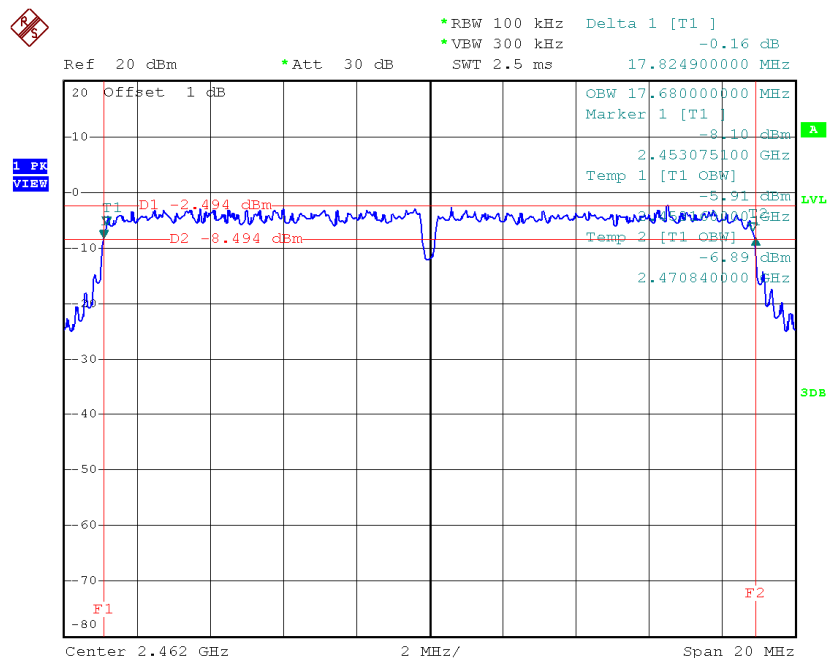
Date: 20.MAY.2015 14:32:19

TX CH06



Date: 20.MAY.2015 14:33:53

TX CH11

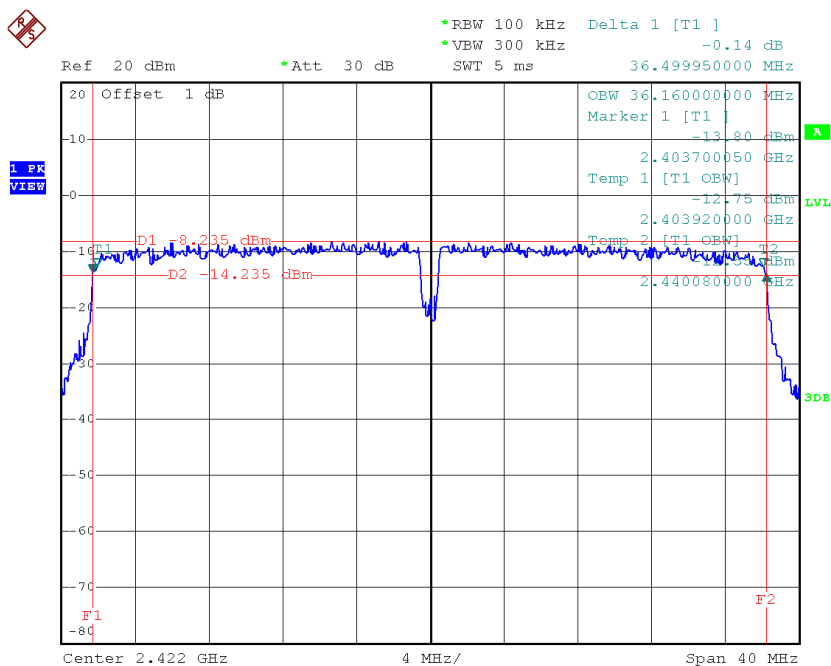


Date: 20.MAY.2015 14:35:02

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

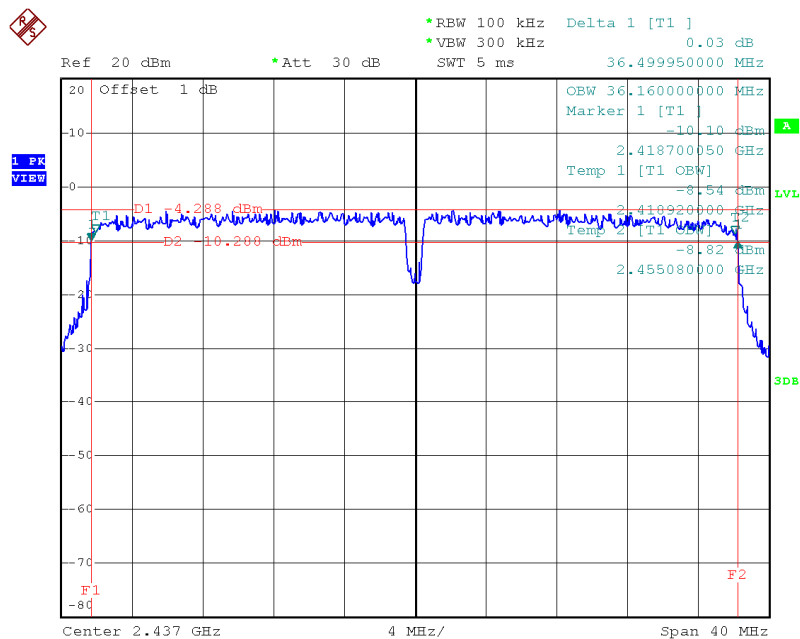
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.50	36.16	500	Complies
2437	36.50	36.16	500	Complies
2452	36.58	36.16	500	Complies

TX CH03



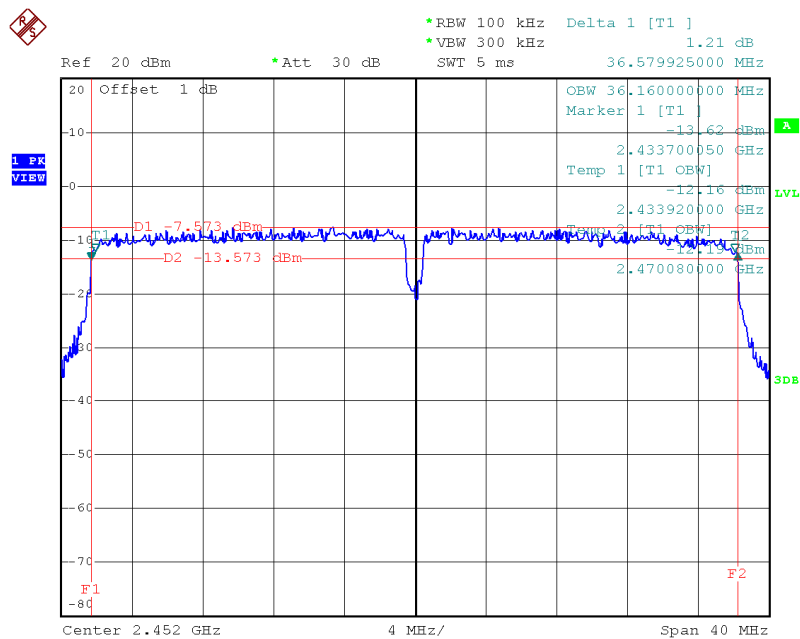
Date: 20.MAY.2015 14:40:46

TX CH06



Date: 20.MAY.2015 14:43:21

TX CH09



Date: 20.MAY.2015 14:44:35

Bandwidth Measurement Photos



ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

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

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.41	0.14	30.00	1.00	Complies
2437	24.25	0.27	30.00	1.00	Complies
2462	21.15	0.13	30.00	1.00	Complies

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

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.17	0.13	30.00	1.00	Complies
2437	24.55	0.29	30.00	1.00	Complies
2462	22.23	0.17	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	24.30	0.27	30.00	1.00	Complies
2437	27.41	0.55	30.00	1.00	Complies
2462	24.73	0.30	30.00	1.00	Complies

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

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	22.45	0.18	30.00	1.00	Complies
2437	26.85	0.48	30.00	1.00	Complies
2462	21.08	0.13	30.00	1.00	Complies

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

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	22.44	0.18	30.00	1.00	Complies
2437	26.37	0.43	30.00	1.00	Complies
2462	21.89	0.15	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	25.46	0.35	30.00	1.00	Complies
2437	29.63	0.92	30.00	1.00	Complies
2462	24.51	0.28	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	18.08	0.06	30.00	1.00	Complies
2437	26.81	0.48	30.00	1.00	Complies
2462	19.11	0.08	30.00	1.00	Complies

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

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.23	0.11	30.00	1.00	Complies
2437	26.63	0.46	30.00	1.00	Complies
2462	19.75	0.09	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	22.30	0.17	30.00	1.00	Complies
2437	29.73	0.94	30.00	1.00	Complies
2462	22.45	0.18	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	16.67	0.05	30.00	1.00	Complies
2437	20.06	0.10	30.00	1.00	Complies
2452	17.02	0.05	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	17.92	0.06	30.00	1.00	Complies
2437	21.25	0.13	30.00	1.00	Complies
2452	18.56	0.07	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	20.35	0.11	30.00	1.00	Complies
2437	23.71	0.23	30.00	1.00	Complies
2452	20.87	0.12	30.00	1.00	Complies

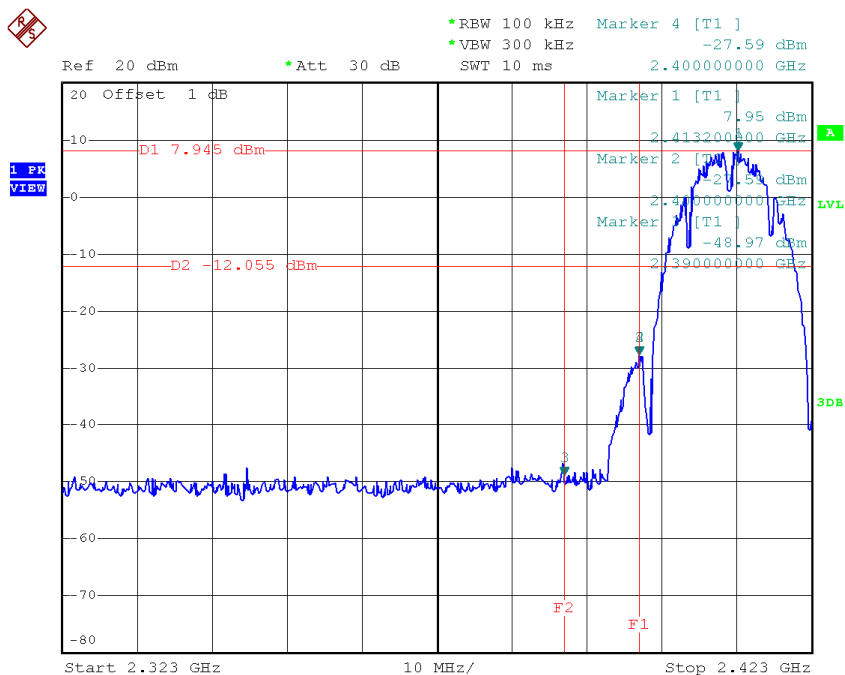
Conducted output power Measurement Photos



ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

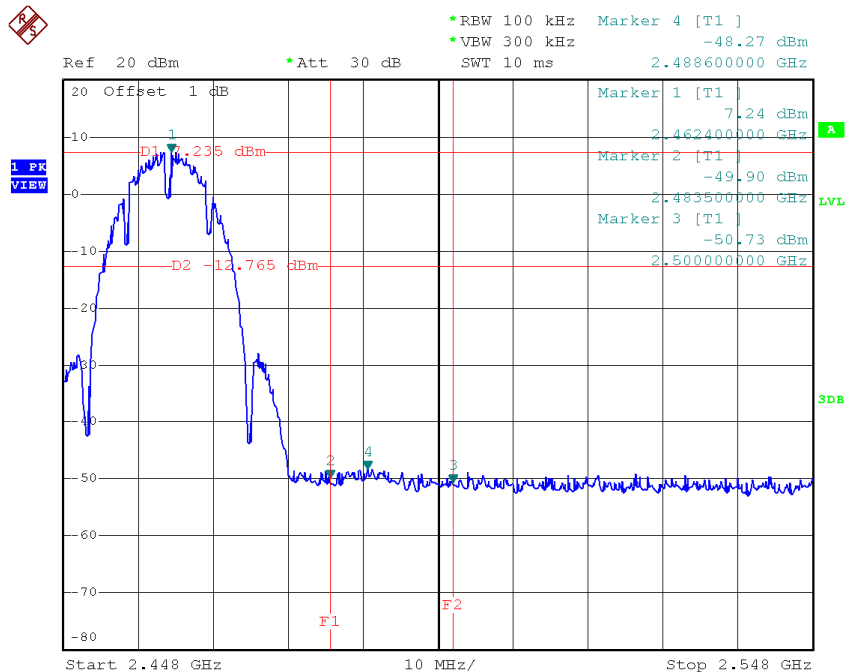
Test Mode :	TX B Mode_ANT 1
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TX B mode CH01



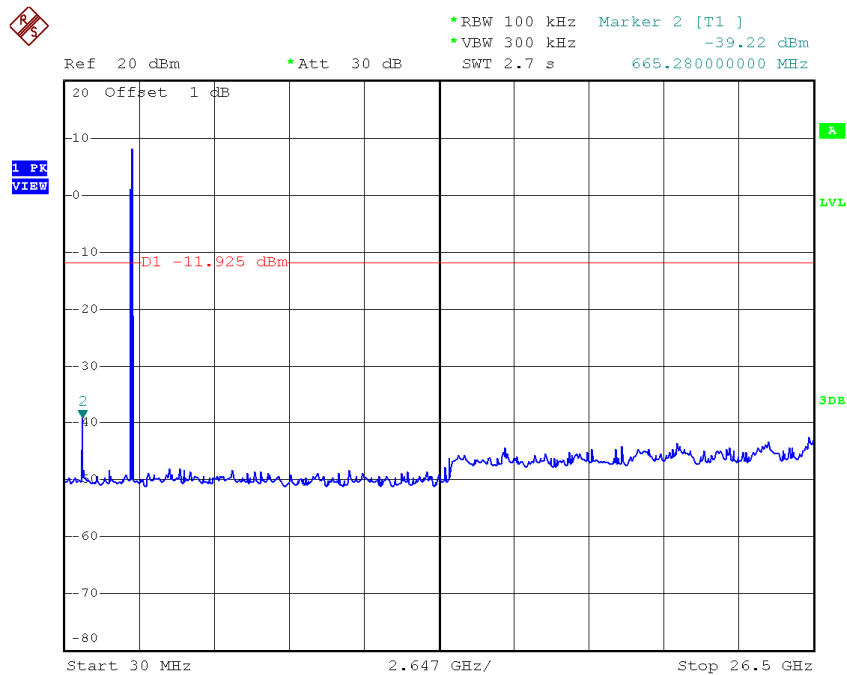
Date: 20.MAY.2015 14:13:19

TX B mode CH11



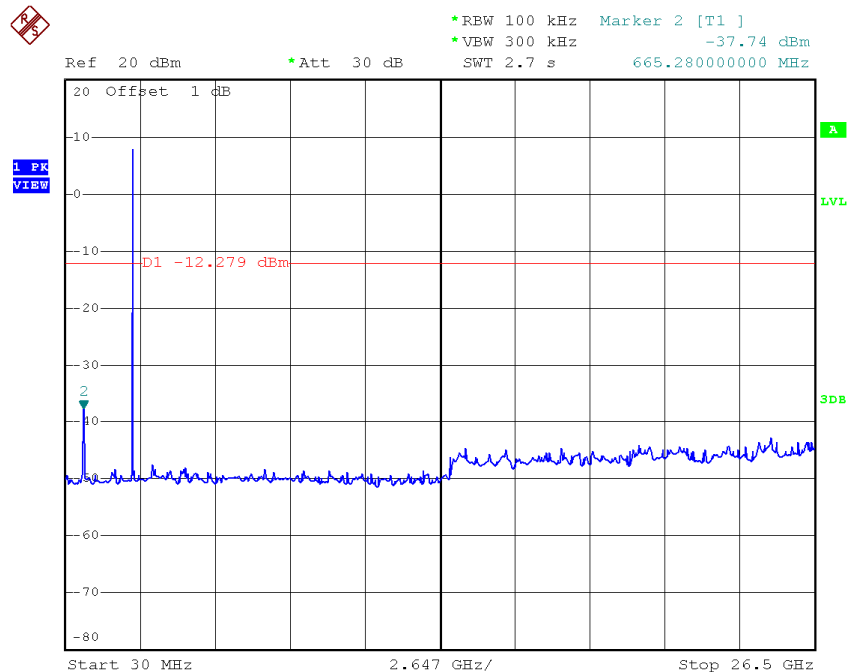
Date: 20.MAY.2015 14:15:58

TX B mode CH01 (10 Harmonic of the frequency)



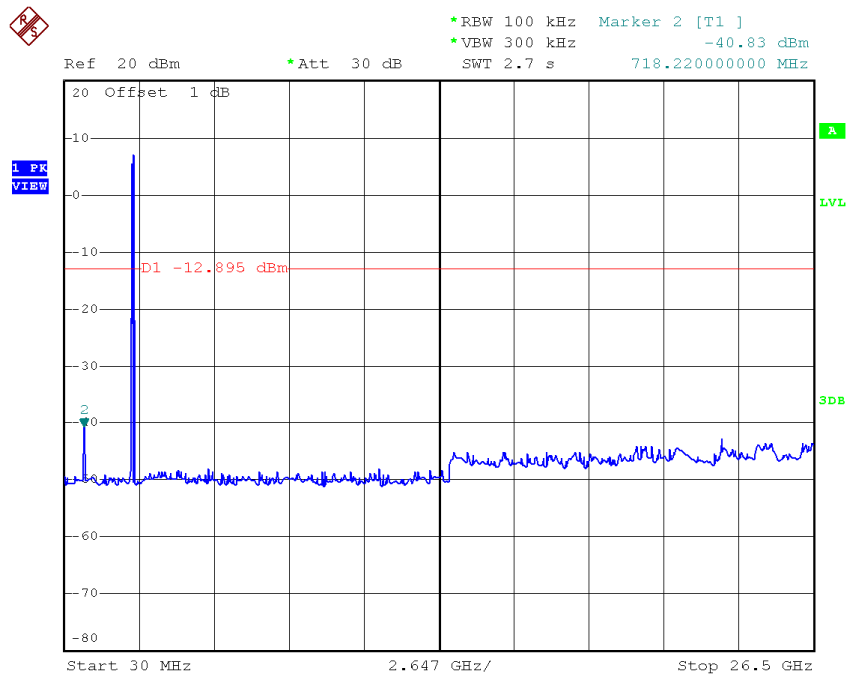
Date: 20.MAY.2015 14:13:12

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:14:30

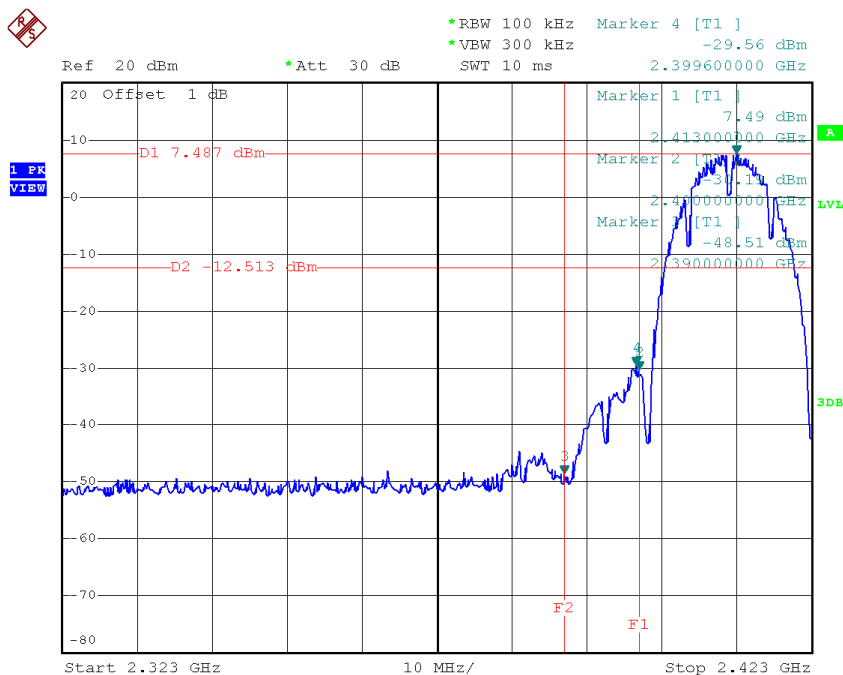
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:15:50

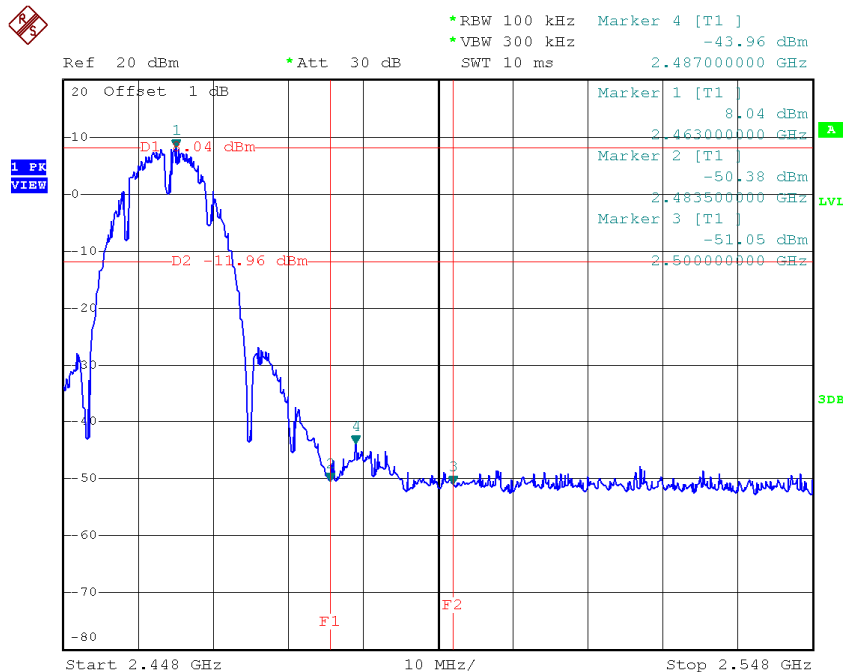
Test Mode :	TX B Mode_ANT 2
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TX B mode CH01



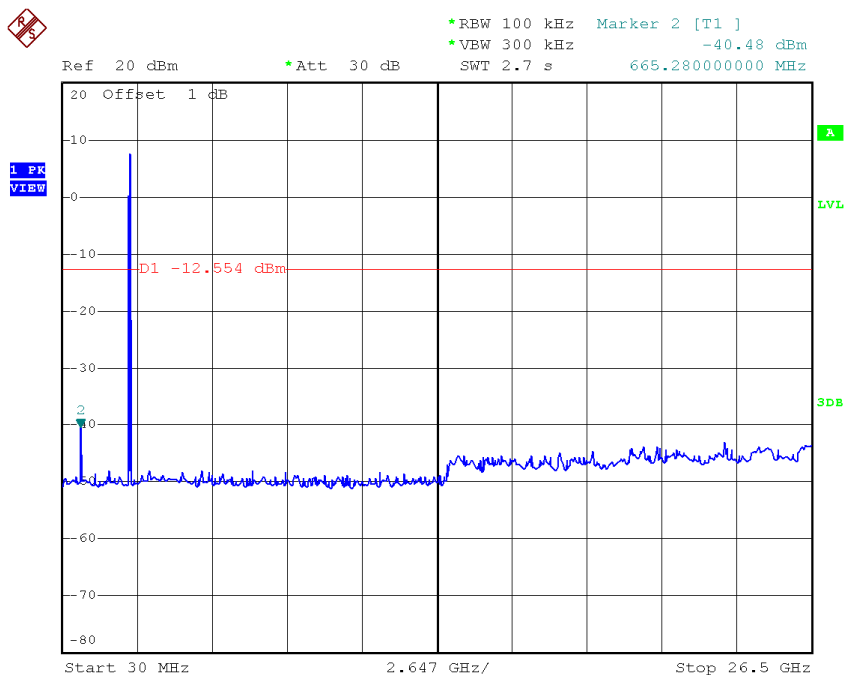
Date: 20.MAY.2015 14:17:44

TX B mode CH11



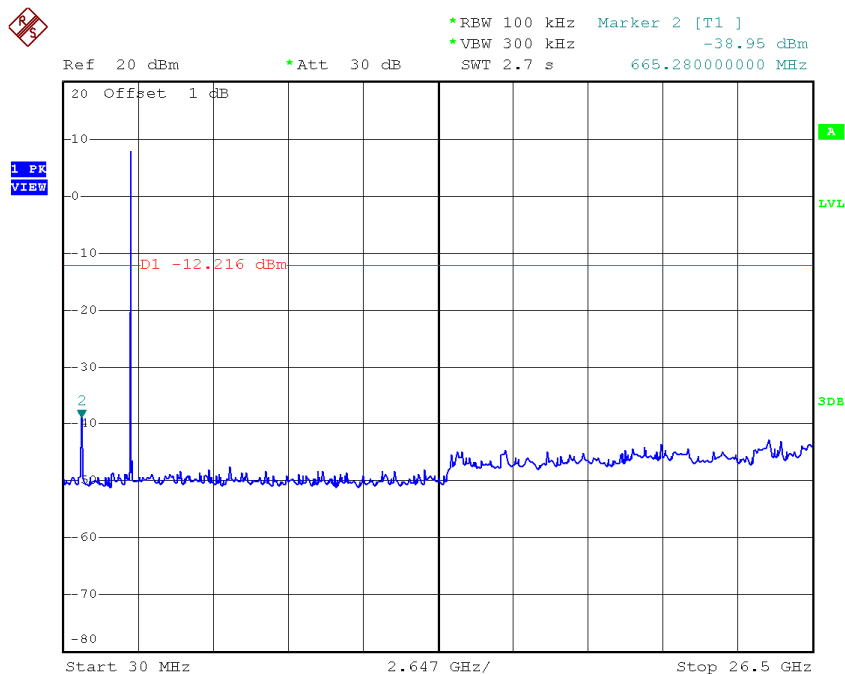
Date: 20.MAY.2015 14:20:28

TX B mode CH01 (10 Harmonic of the frequency)



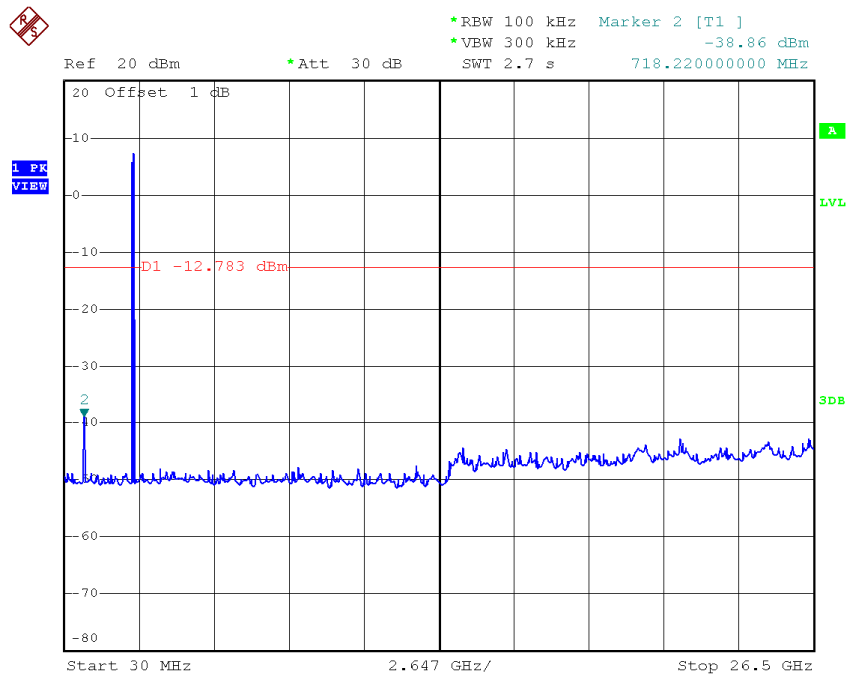
Date: 20.MAY.2015 14:17:36

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:18:50

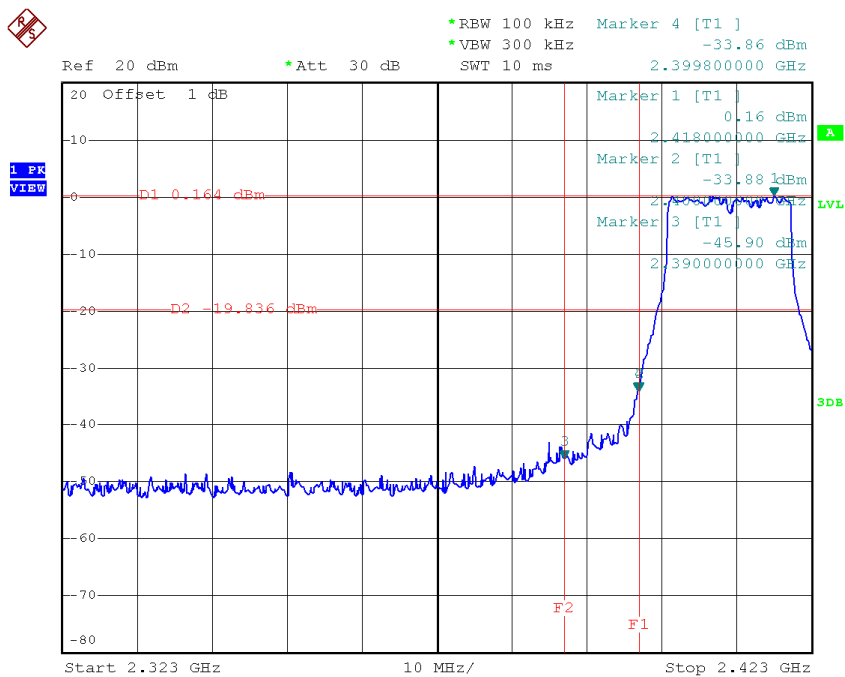
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:20:20

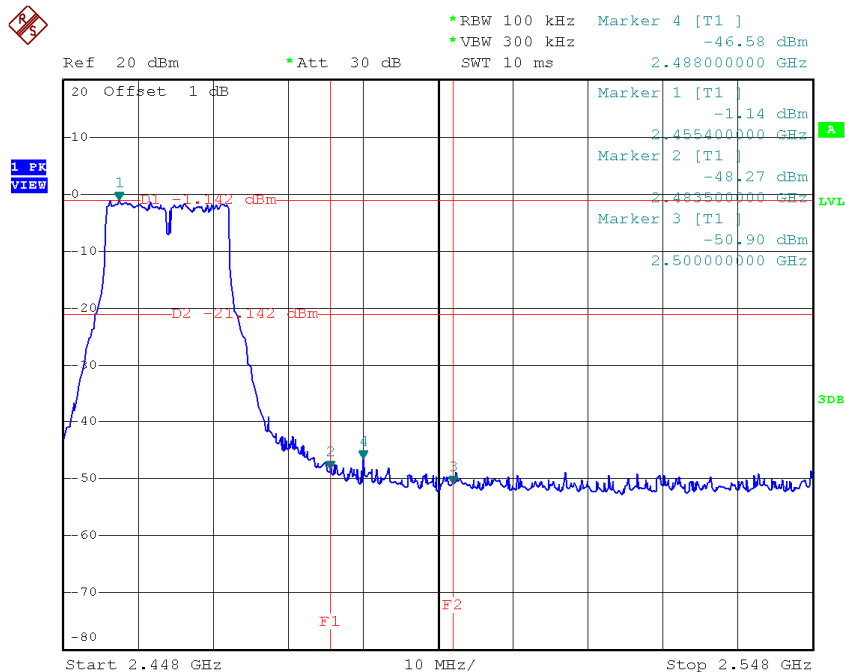
Test Mode :	TX G Mode_ANT 1
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TX G mode CH01



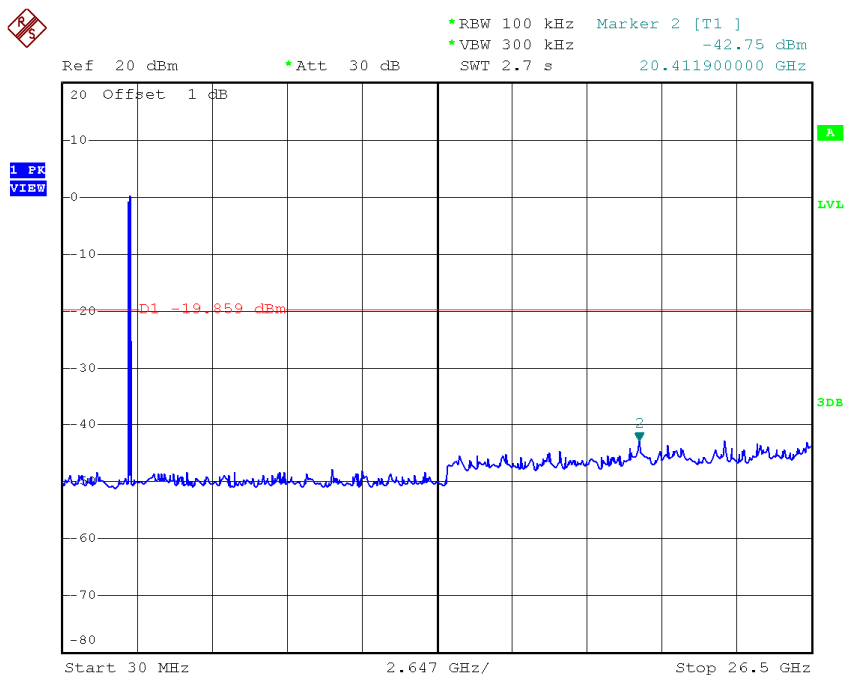
Date: 20.MAY.2015 14:23:13

TX G mode CH11



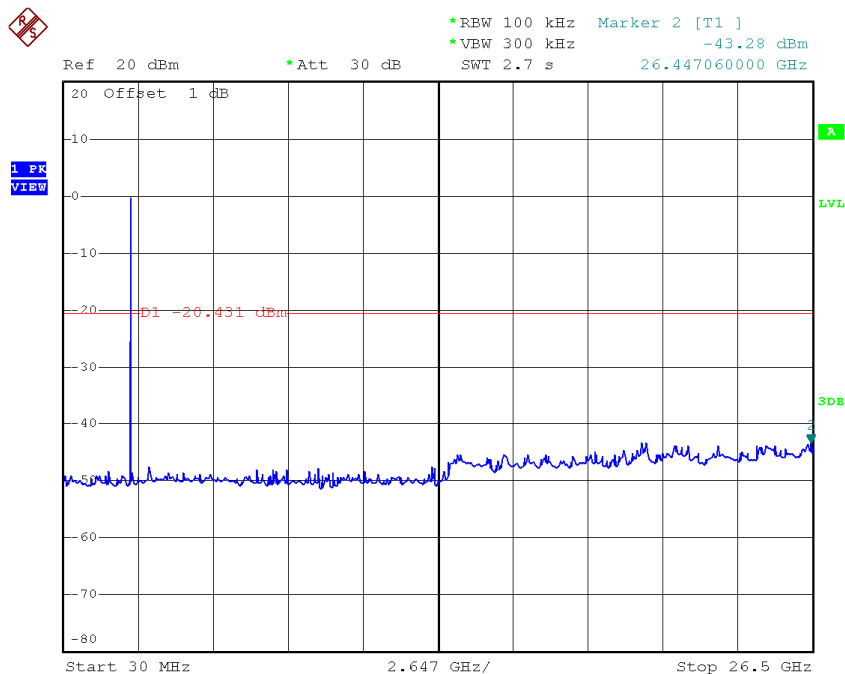
Date: 20.MAY.2015 14:25:23

TX G mode CH01 (10 Harmonic of the frequency)



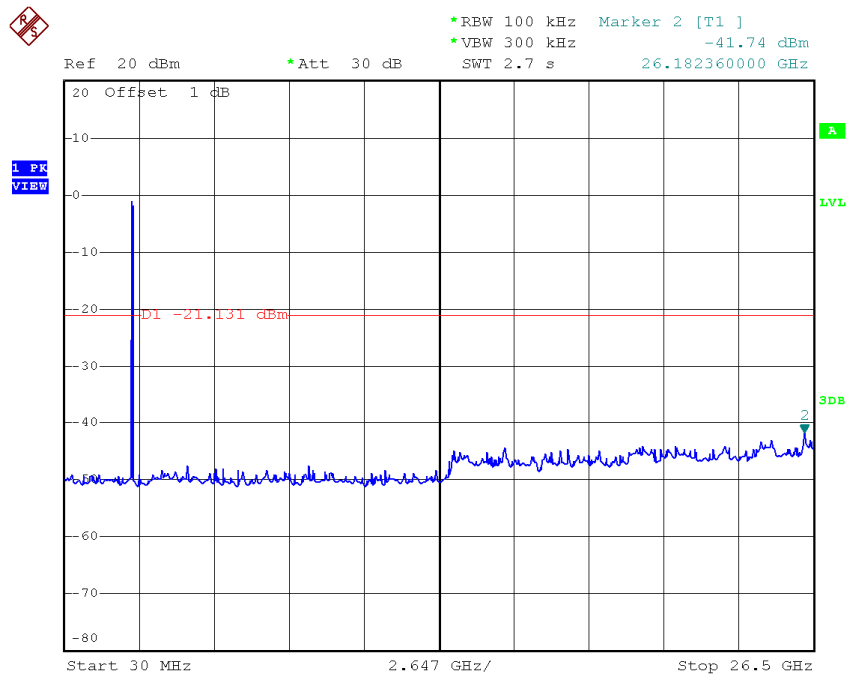
Date: 20.MAY.2015 14:23:05

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:24:09

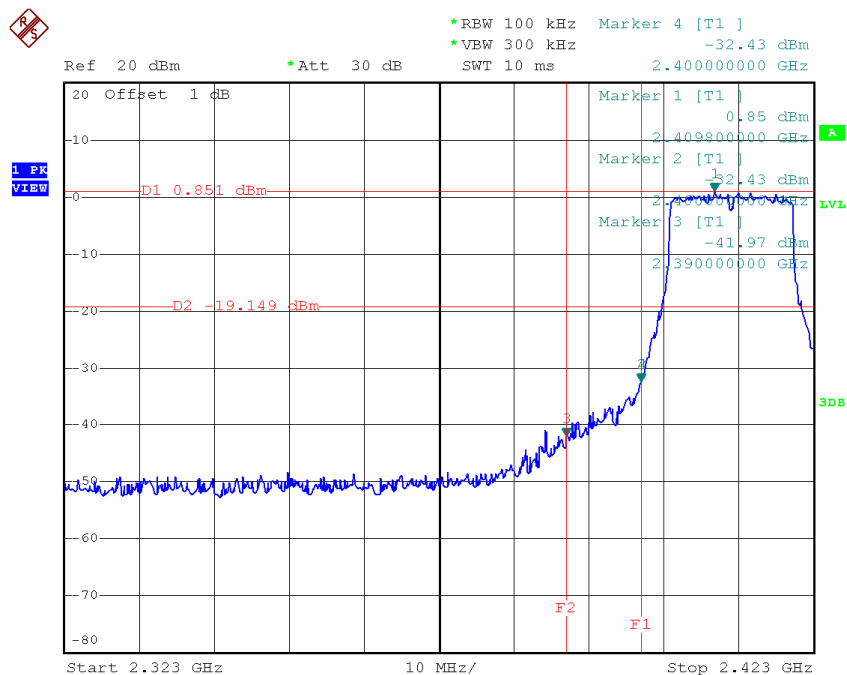
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:25:15

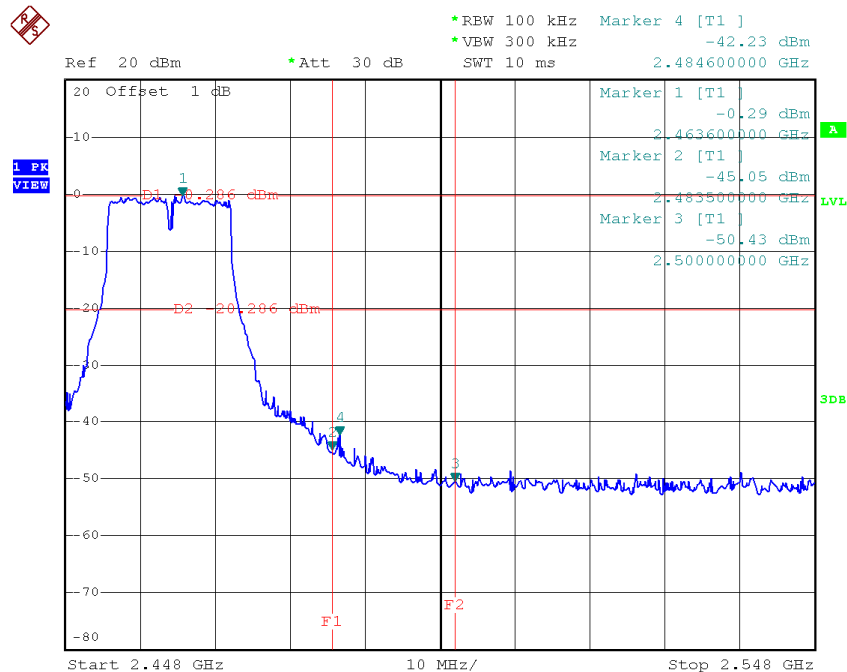
Test Mode :	TX G Mode_ANT 2
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TX G mode CH01



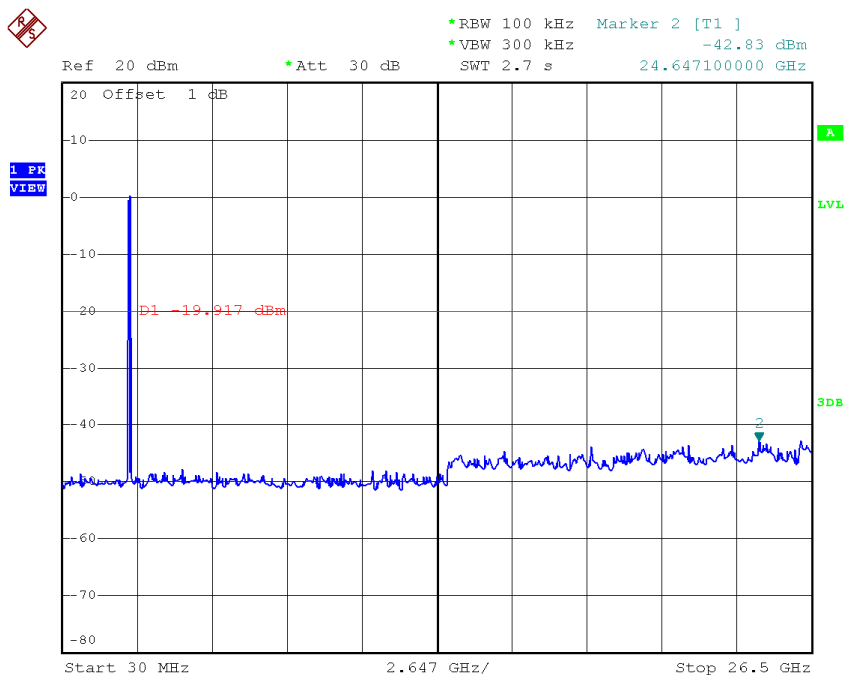
Date: 20.MAY.2015 14:27:48

TX G mode CH11



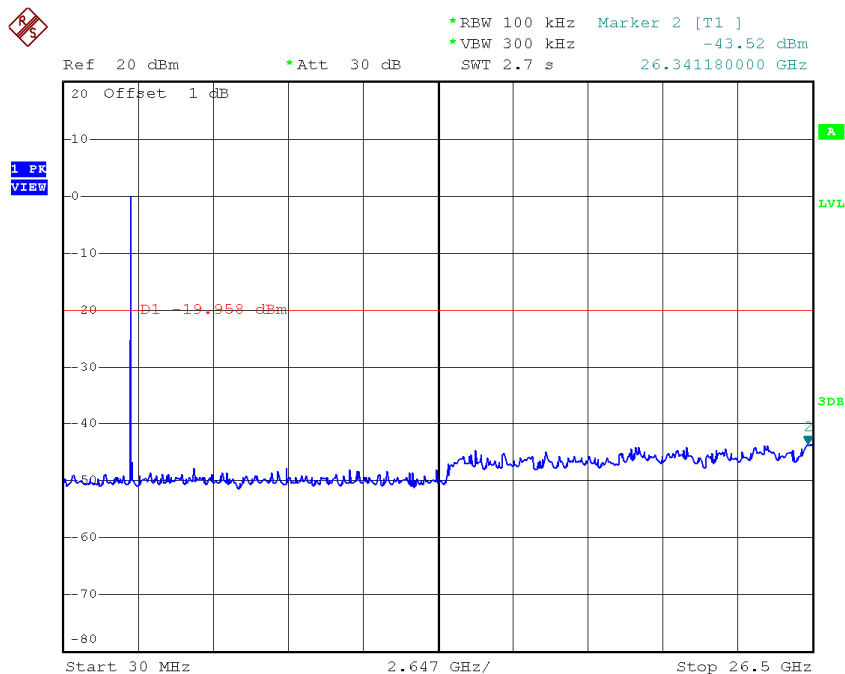
Date: 20.MAY.2015 14:30:09

TX G mode CH01 (10 Harmonic of the frequency)



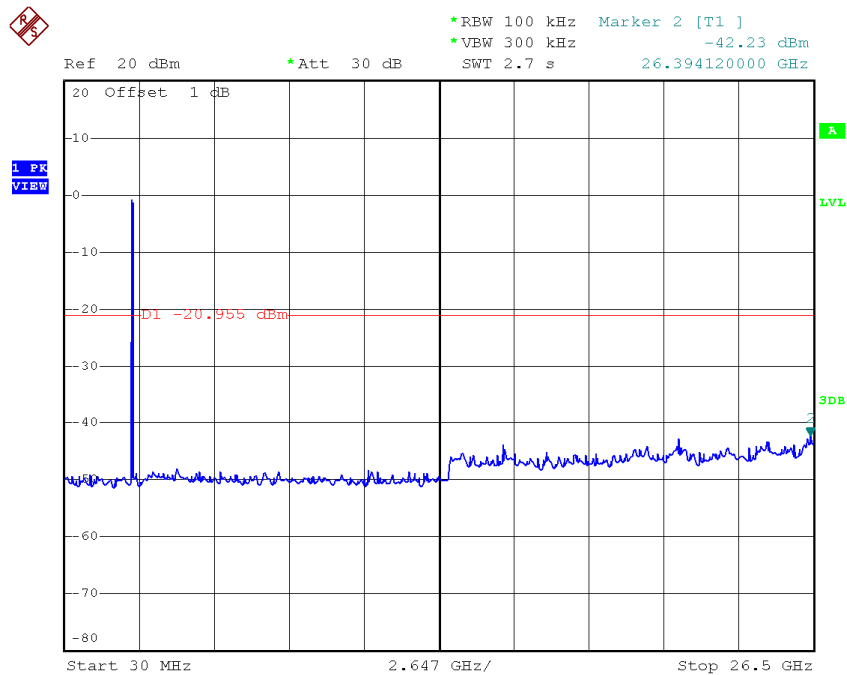
Date: 20.MAY.2015 14:27:40

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:28:46

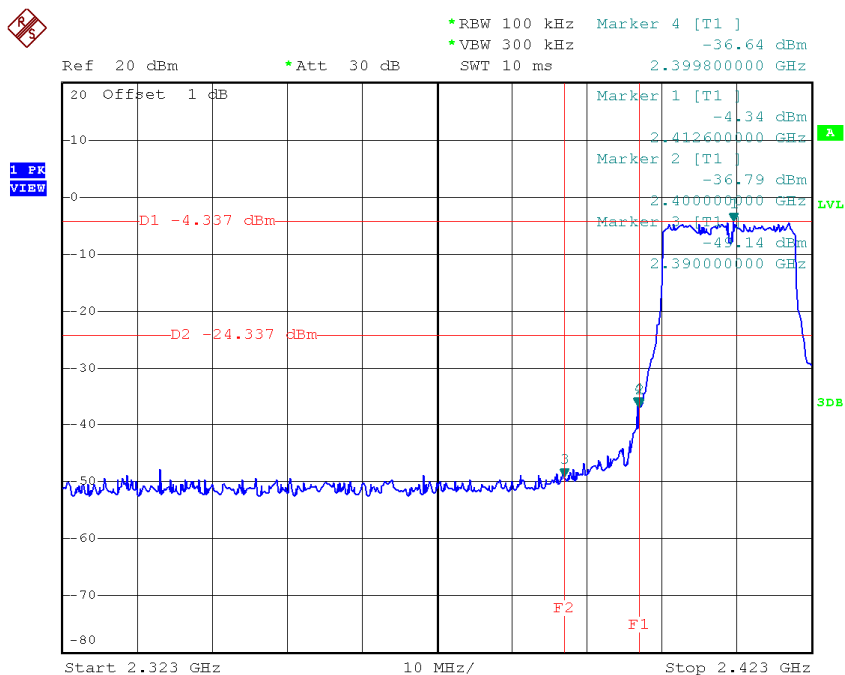
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:30:02

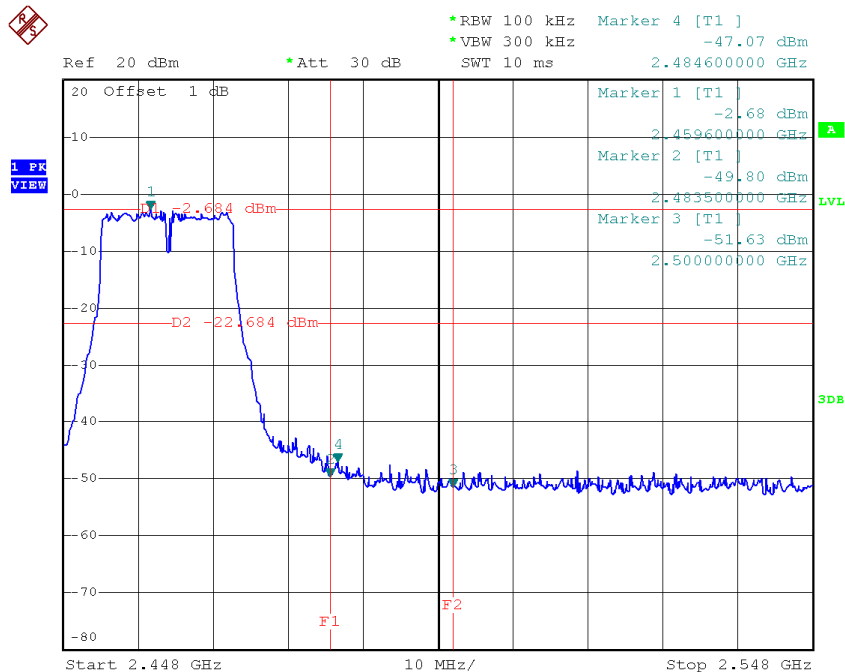
Test Mode :	TX N-20M Mode_ANT 1
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TX HT20 mode CH01



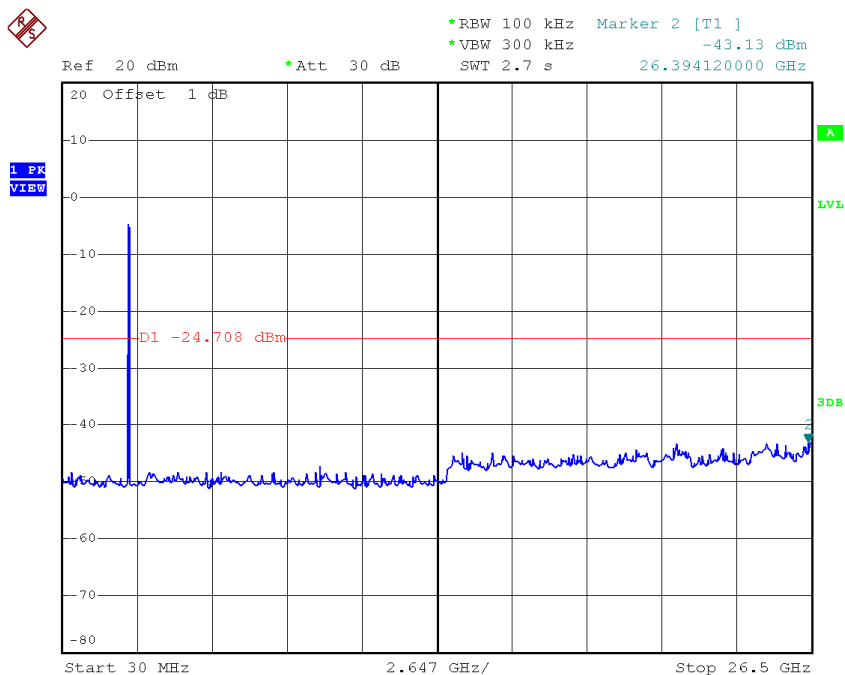
Date: 20.MAY.2015 14:32:41

TX HT20 mode CH11



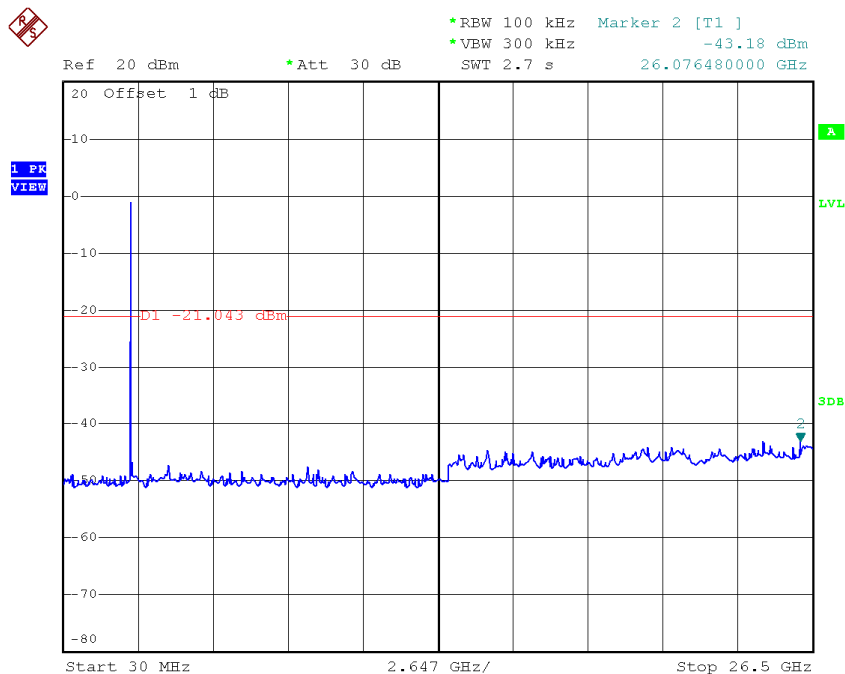
Date: 20.MAY.2015 14:35:23

TX HT20 mode CH01 (10 Harmonic of the frequency)



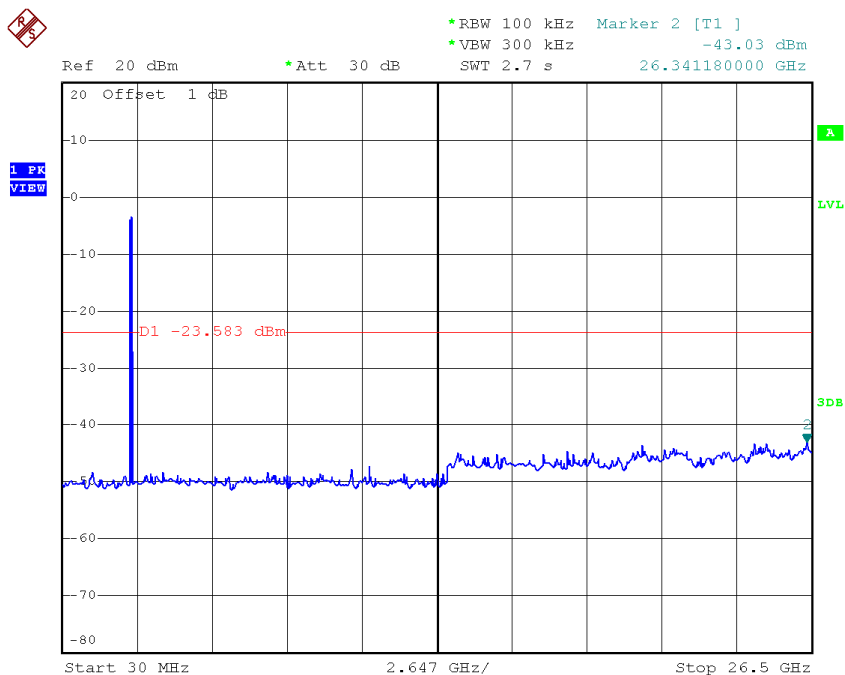
Date: 20.MAY.2015 14:32:33

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:34:07

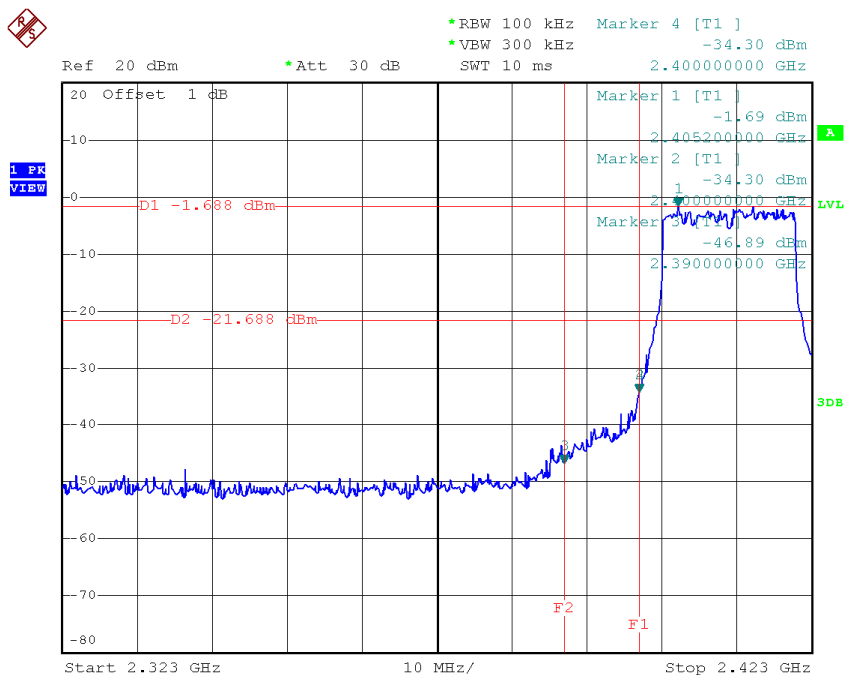
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:35:16

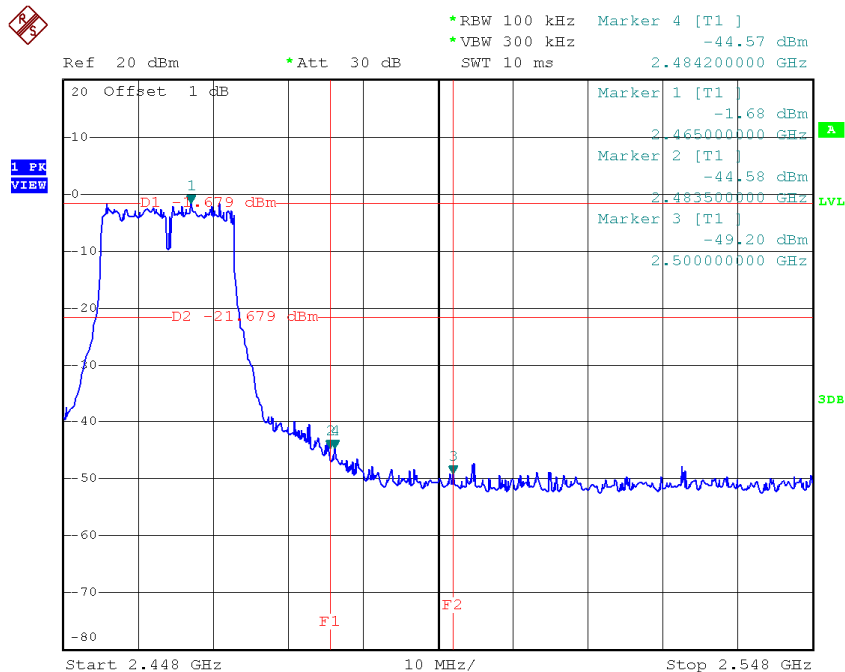
Test Mode :	TX N-20M Mode_ANT 2
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TX HT20 mode CH01



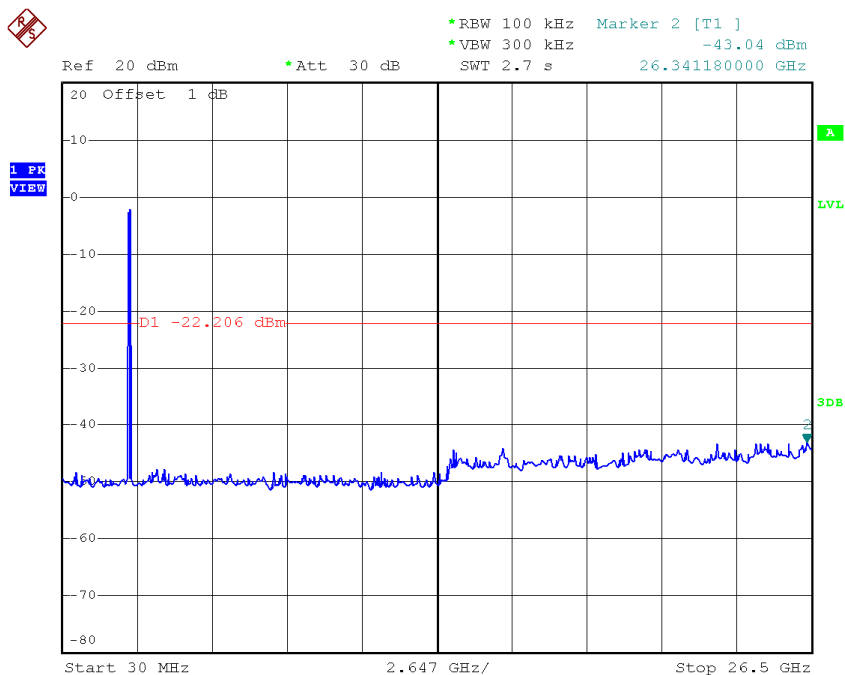
Date: 20.MAY.2015 14:36:58

TX HT20 mode CH11



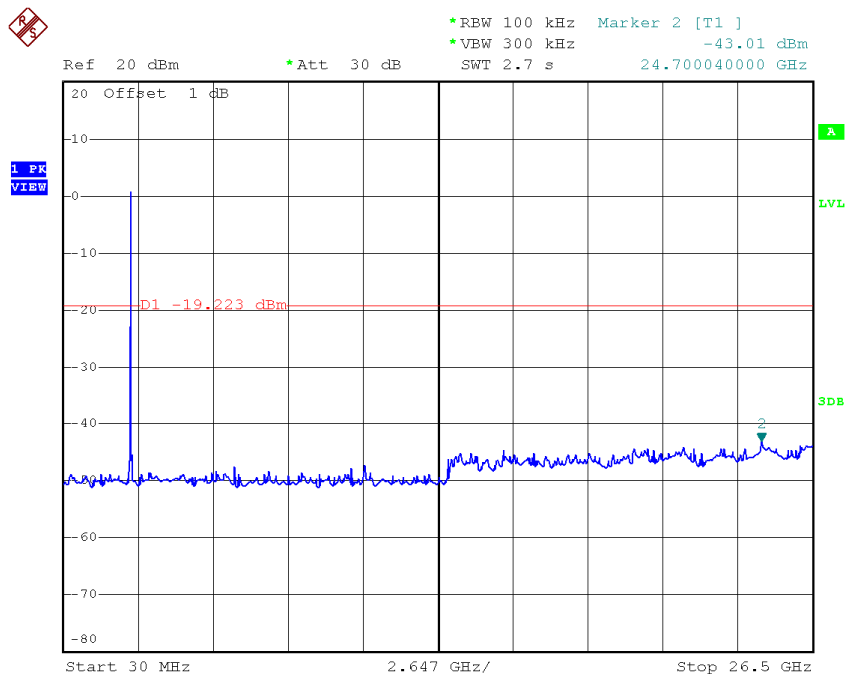
Date: 20.MAY.2015 14:39:17

TX HT20 mode CH01 (10 Harmonic of the frequency)



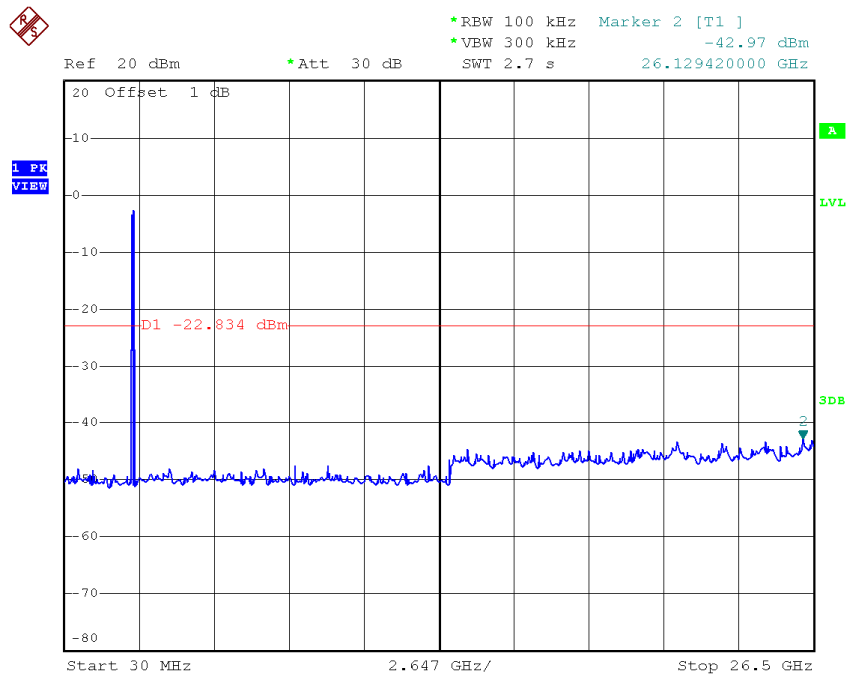
Date: 20.MAY.2015 14:36:50

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:38:11

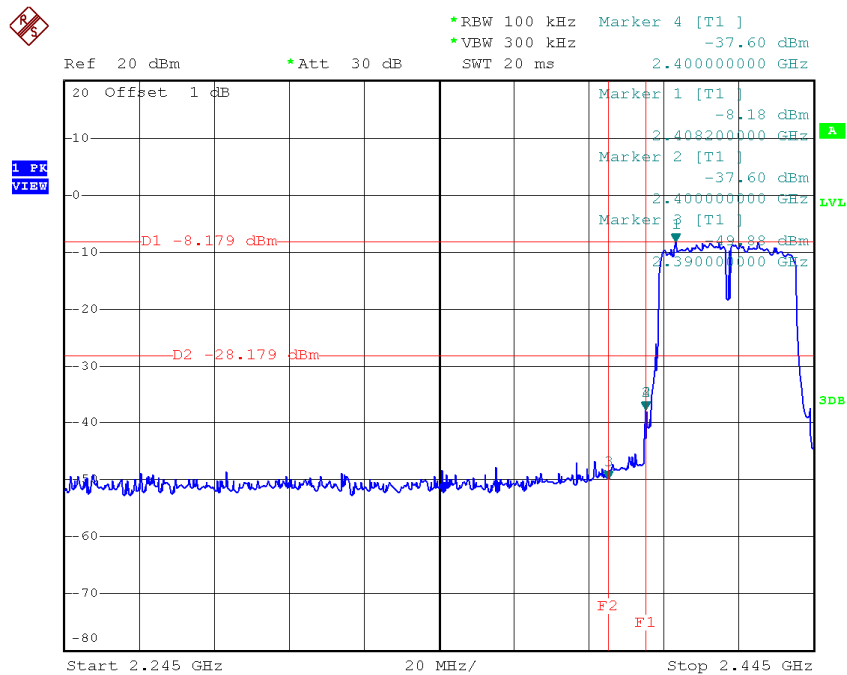
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:39:09

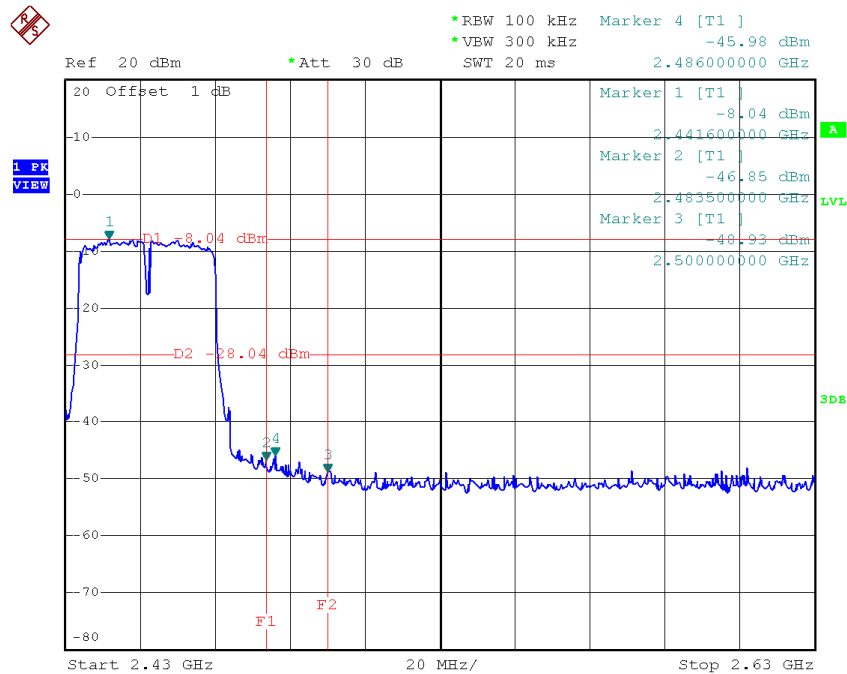
Test Mode :	TX N-40M Mode_ANT 1
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TX HT40 mode CH03



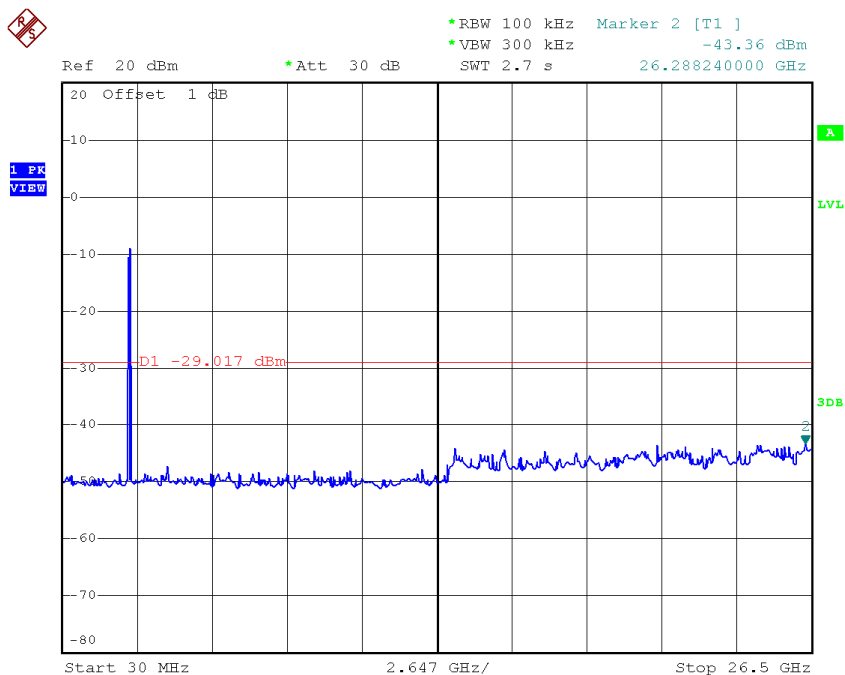
Date: 20.MAY.2015 14:41:07

TX HT40 mode CH09



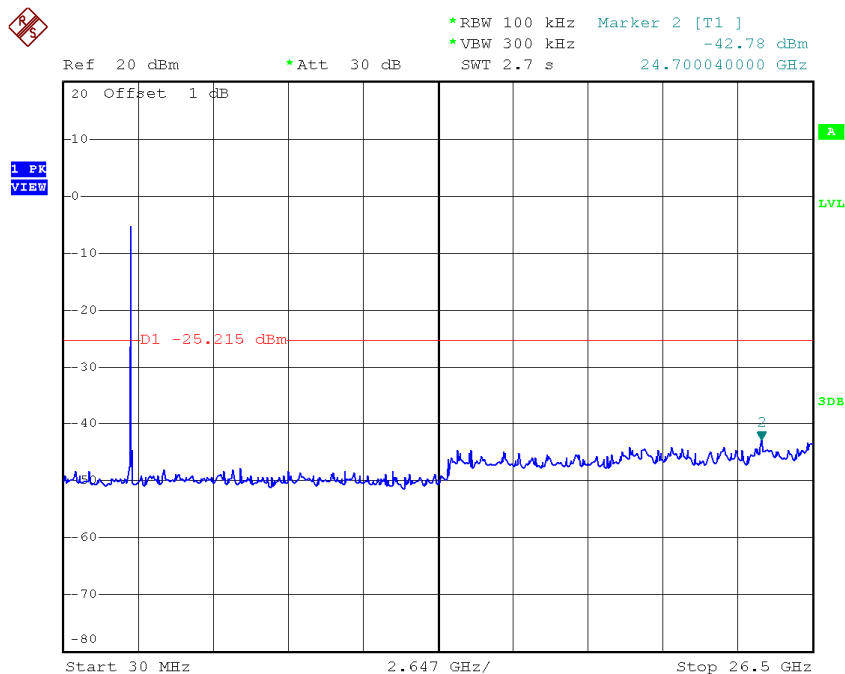
Date: 20.MAY.2015 14:44:56

TX HT40 mode CH03 (10 Harmonic of the frequency)



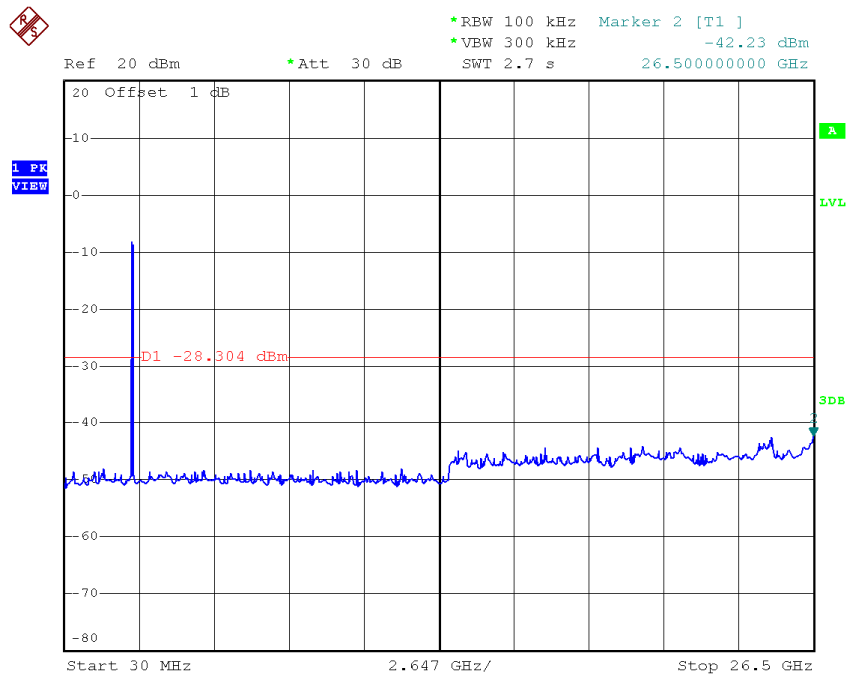
Date: 20.MAY.2015 14:41:00

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:43:35

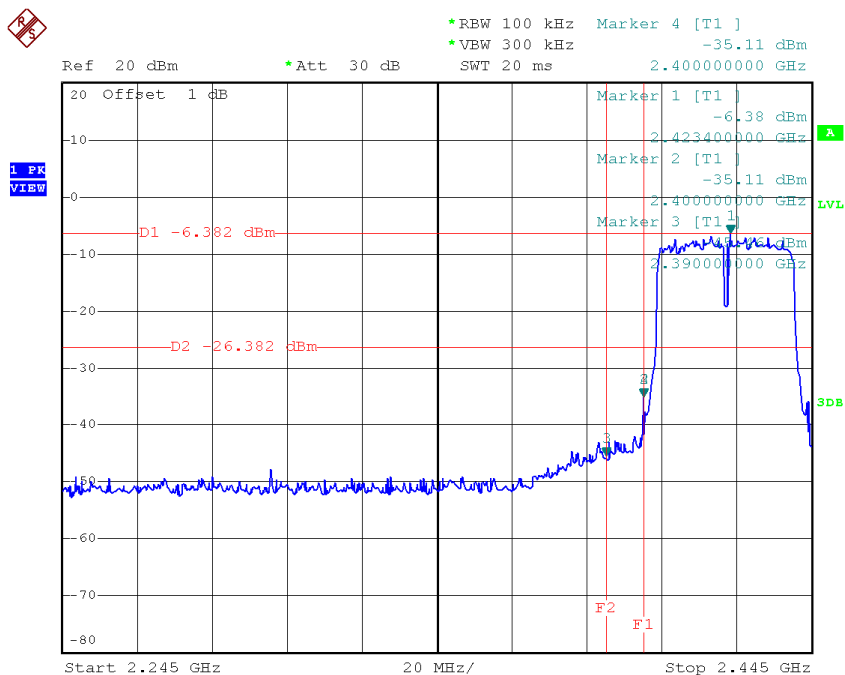
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:44:49

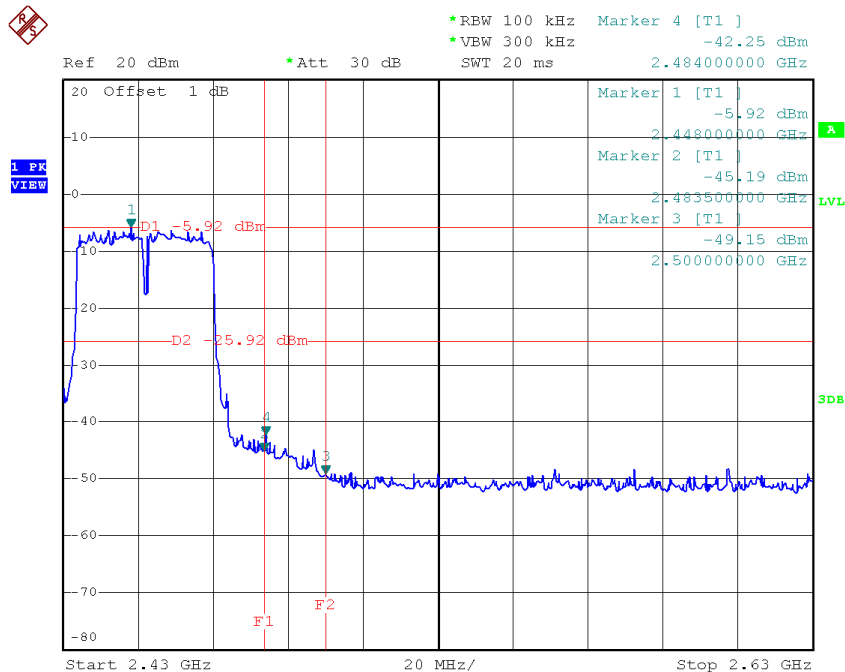
Test Mode :	TX N-40M Mode_ANT 2
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TX HT40 mode CH03



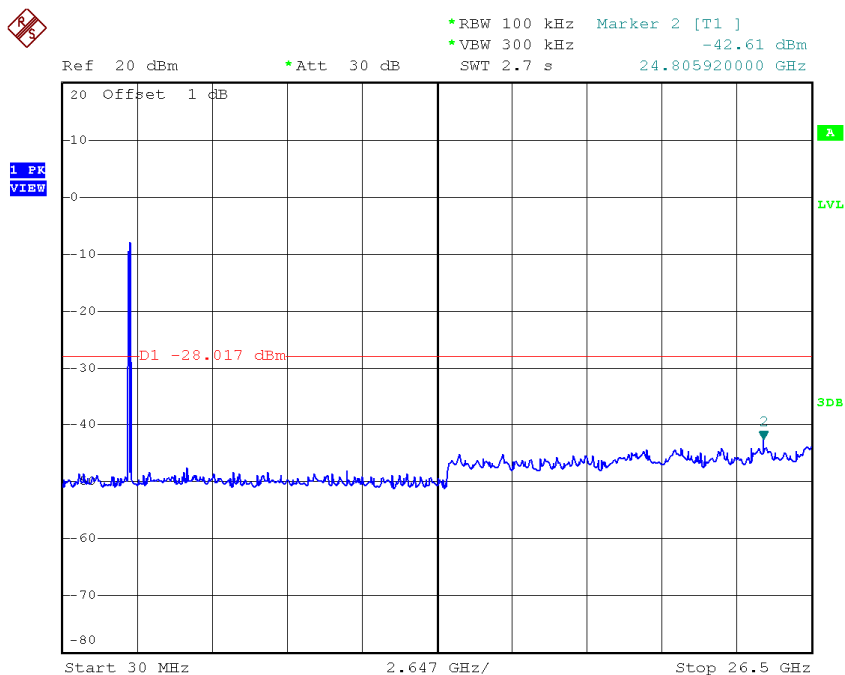
Date: 20.MAY.2015 14:46:59

TX HT40 mode CH09



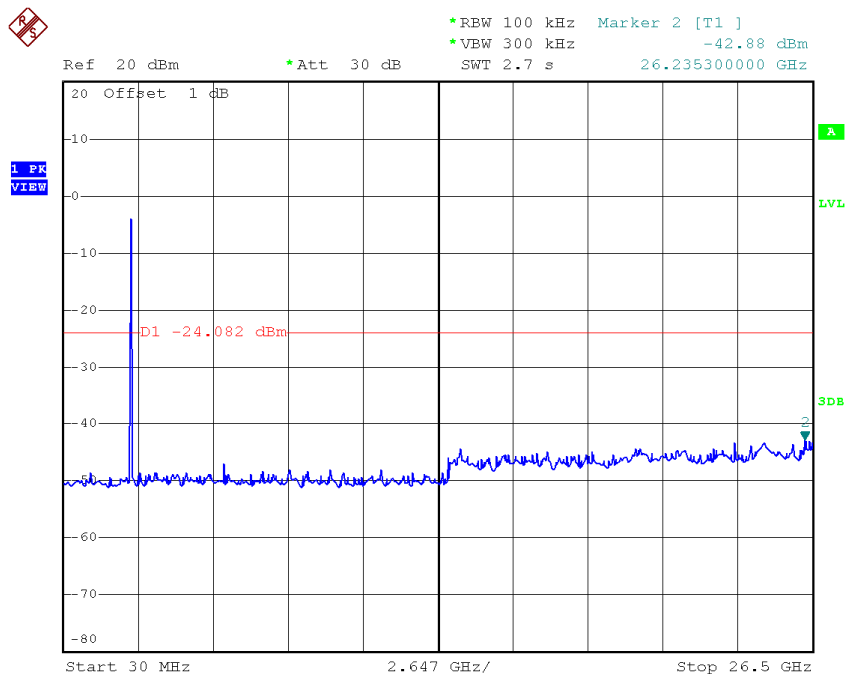
Date: 20.MAY.2015 14:49:11

TX HT40 mode CH03 (10 Harmonic of the frequency)



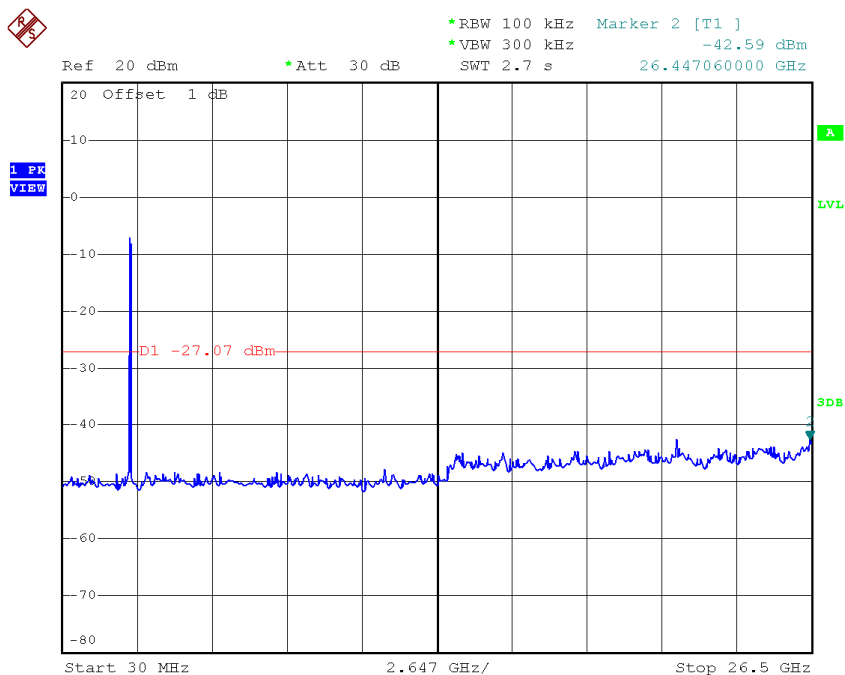
Date: 20.MAY.2015 14:46:52

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:48:09

TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.MAY.2015 14:49:03

Antenna conducted Measurement Photos

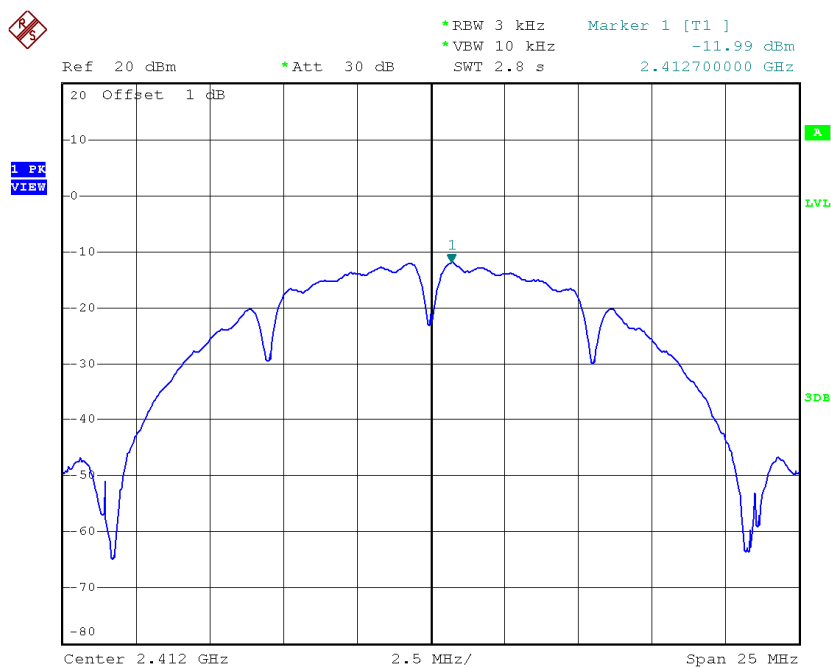


ATTACHMENT H - POWER SPECTRAL DENSITY

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

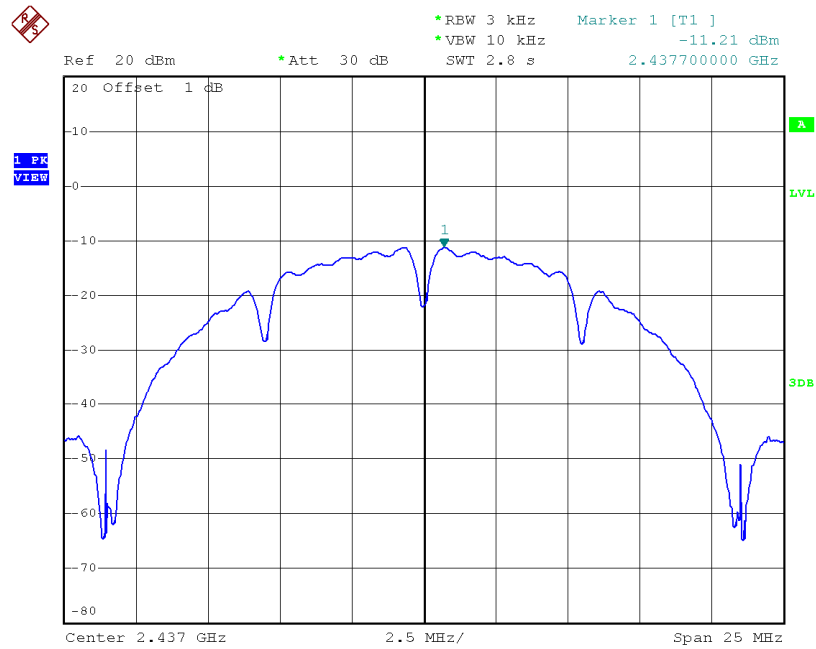
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.99	0.06	8.00	Complies
2437	-11.21	0.08	8.00	Complies
2462	-12.58	0.06	8.00	Complies

TX CH01



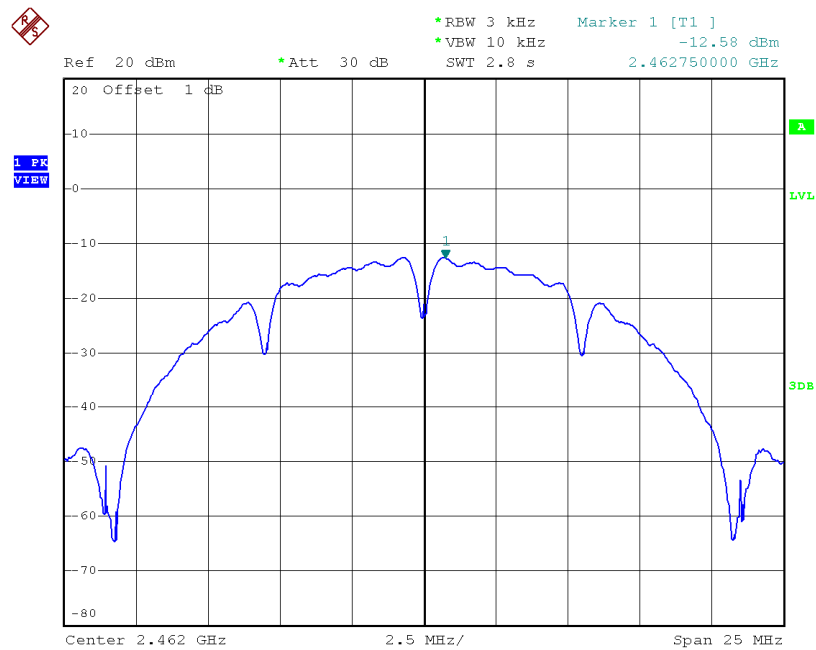
Date: 20.MAY.2015 14:13:28

TX CH06



Date: 20.MAY.2015 14:14:39

TX CH11

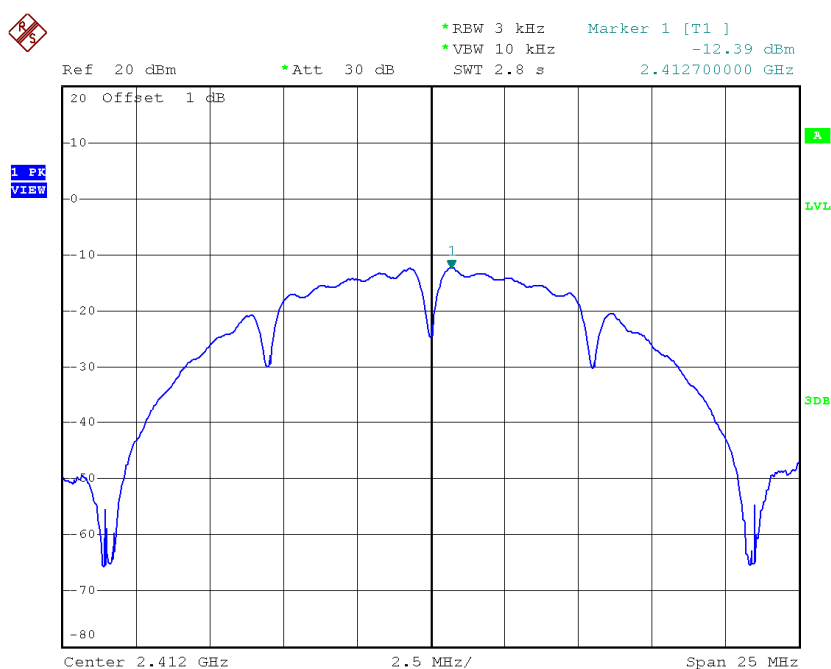


Date: 20.MAY.2015 14:16:07

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

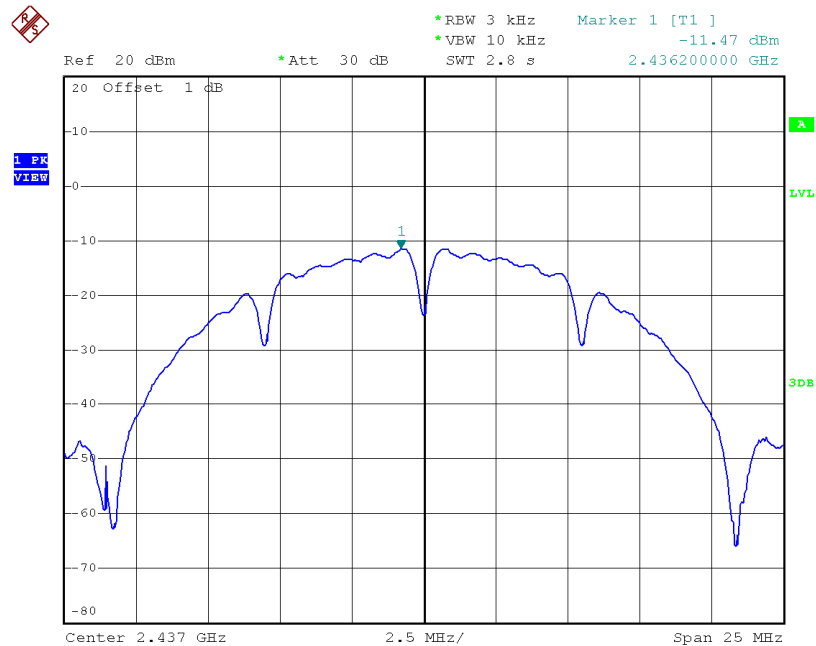
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.39	0.06	8.00	Complies
2437	-11.47	0.07	8.00	Complies
2462	-11.82	0.07	8.00	Complies

TX CH01



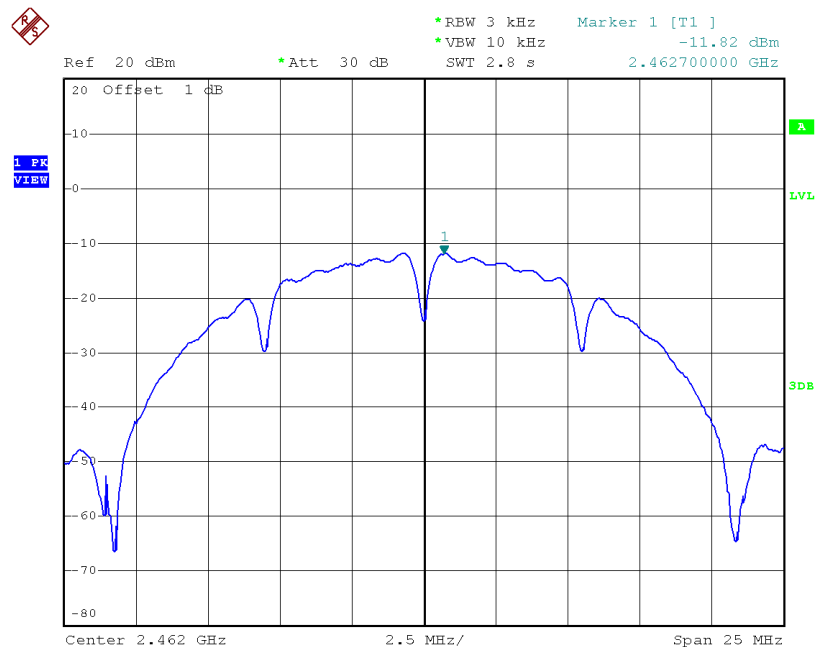
Date: 20.MAY.2015 14:17:53

TX CH06



Date: 20.MAY.2015 14:18:59

TX CH11



Date: 20.MAY.2015 14:20:37

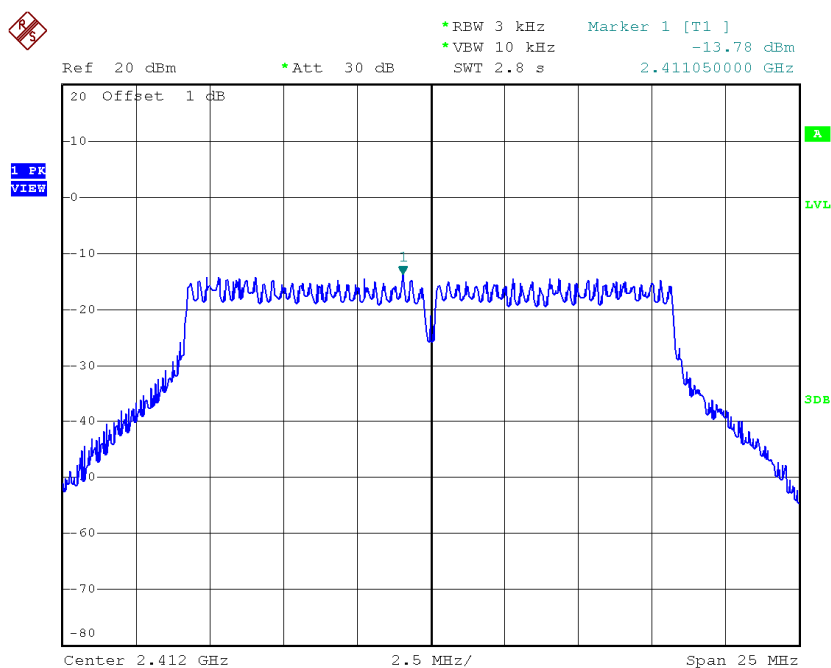
Test Mode :TX B Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.18	0.12	8.00	Complies
2437	-8.33	0.15	8.00	Complies
2462	-9.17	0.12	8.00	Complies

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

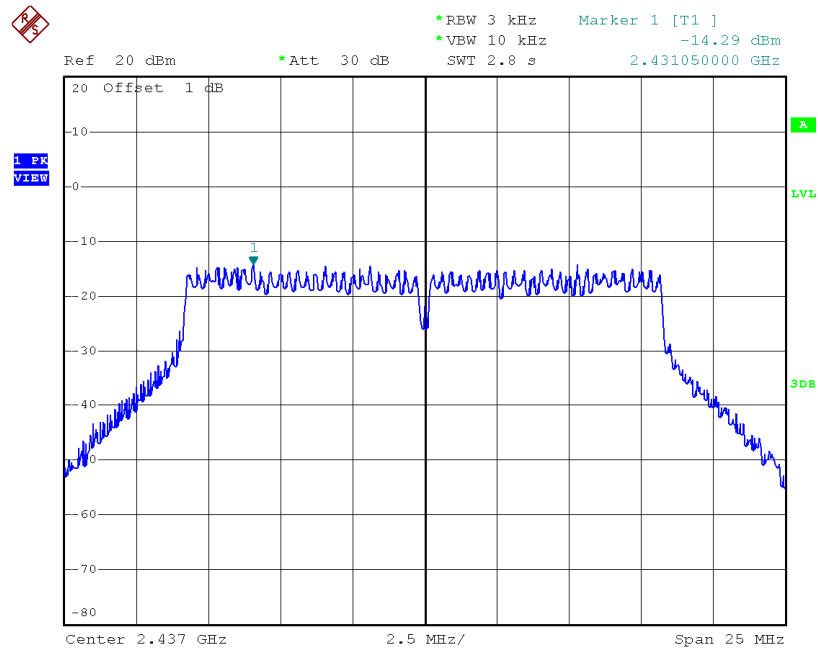
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.78	0.04	8.00	Complies
2437	-14.29	0.04	8.00	Complies
2462	-15.26	0.03	8.00	Complies

TX CH01



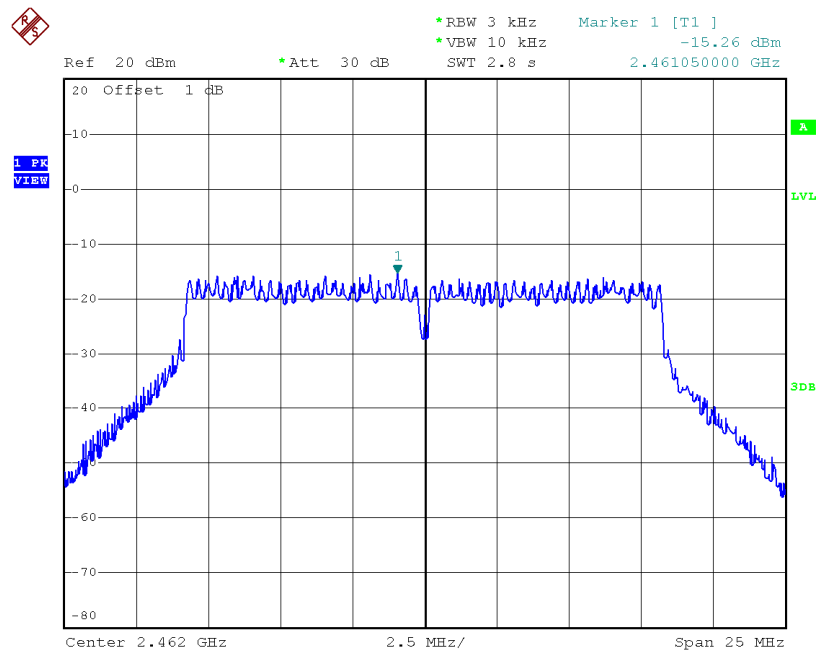
Date: 20.MAY.2015 14:23:22

TX CH06



Date: 20.MAY.2015 14:24:19

TX CH11

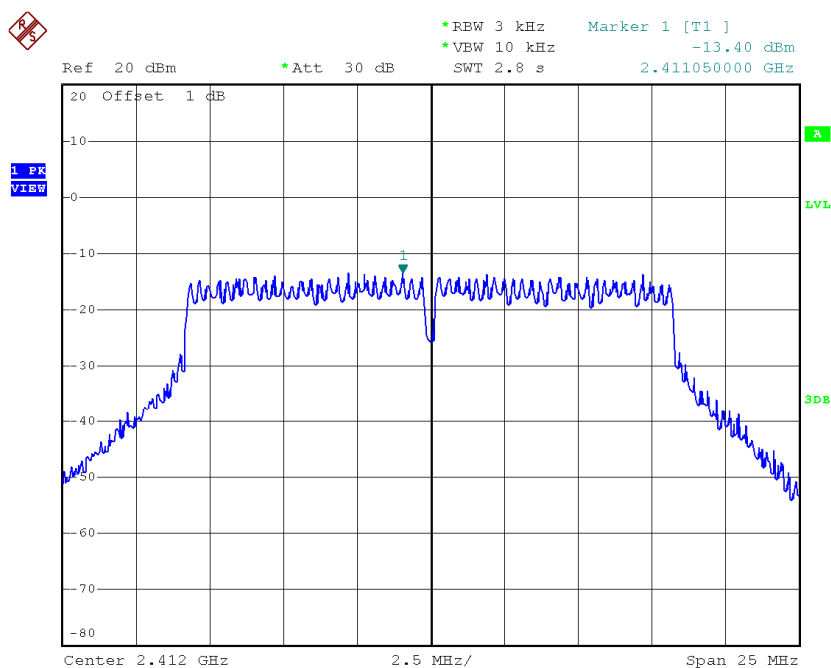


Date: 20.MAY.2015 14:25:32

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

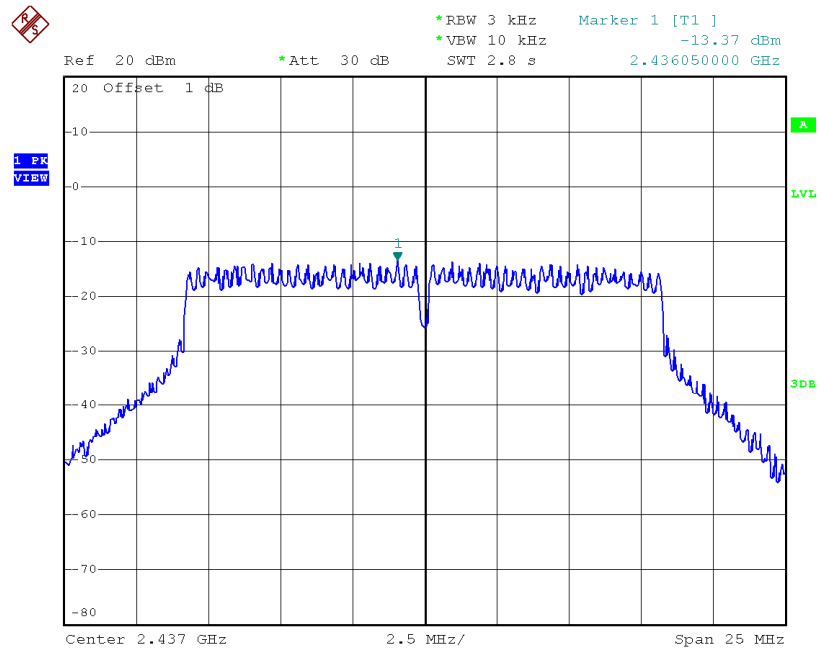
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.40	0.05	8.00	Complies
2437	-13.37	0.05	8.00	Complies
2462	-14.86	0.03	8.00	Complies

TX CH01



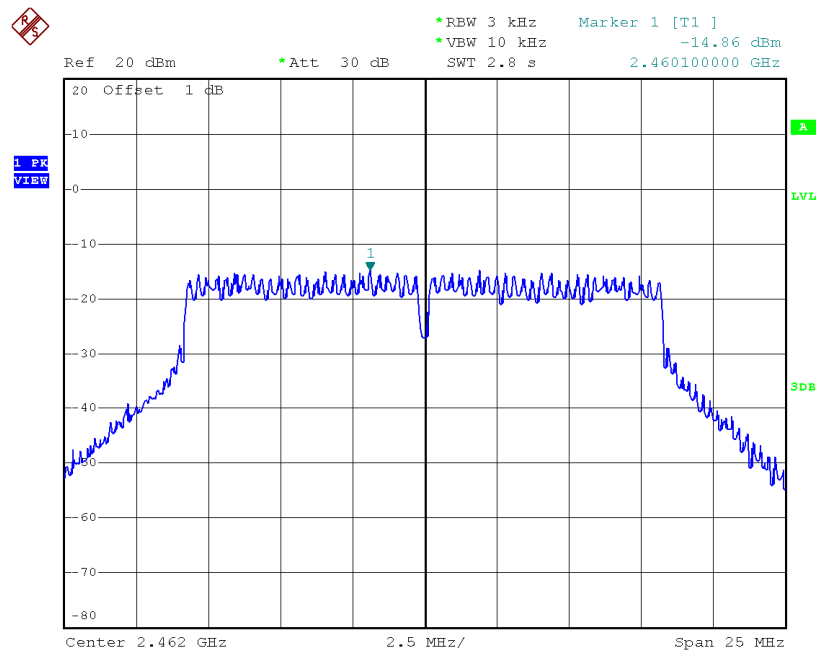
Date: 20.MAY.2015 14:27:57

TX CH06



Date: 20.MAY.2015 14:28:55

TX CH11



Date: 20.MAY.2015 14:30:18

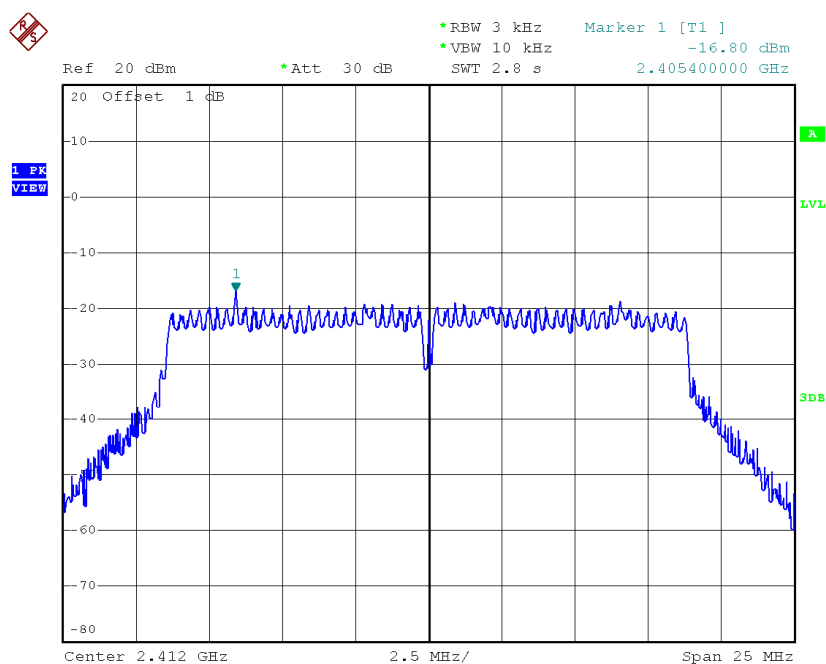
Test Mode :TX G Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-10.58	0.09	8.00	Complies
2437	-10.80	0.08	8.00	Complies
2462	-12.05	0.06	8.00	Complies

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

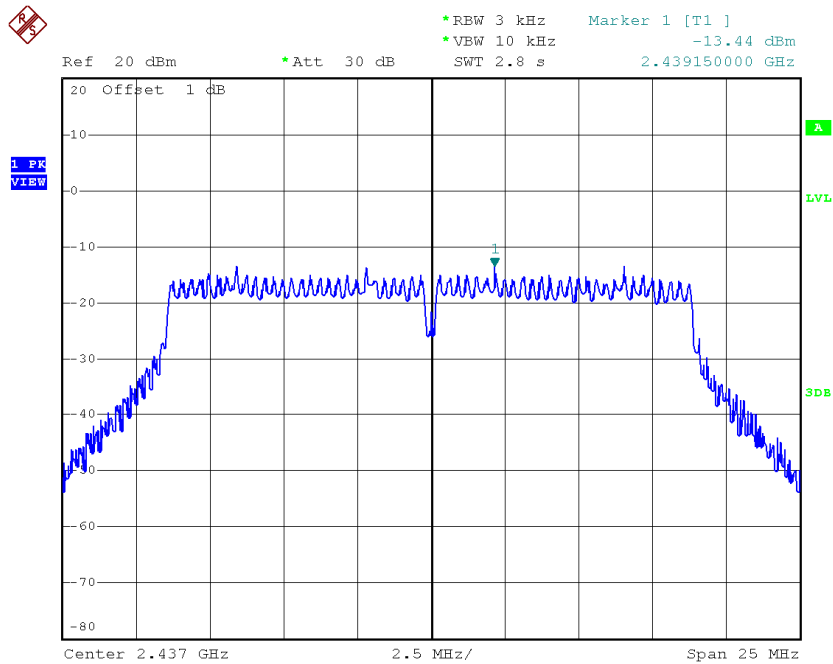
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.80	0.02	8.00	Complies
2437	-13.44	0.05	8.00	Complies
2462	-15.54	0.03	8.00	Complies

TX CH01



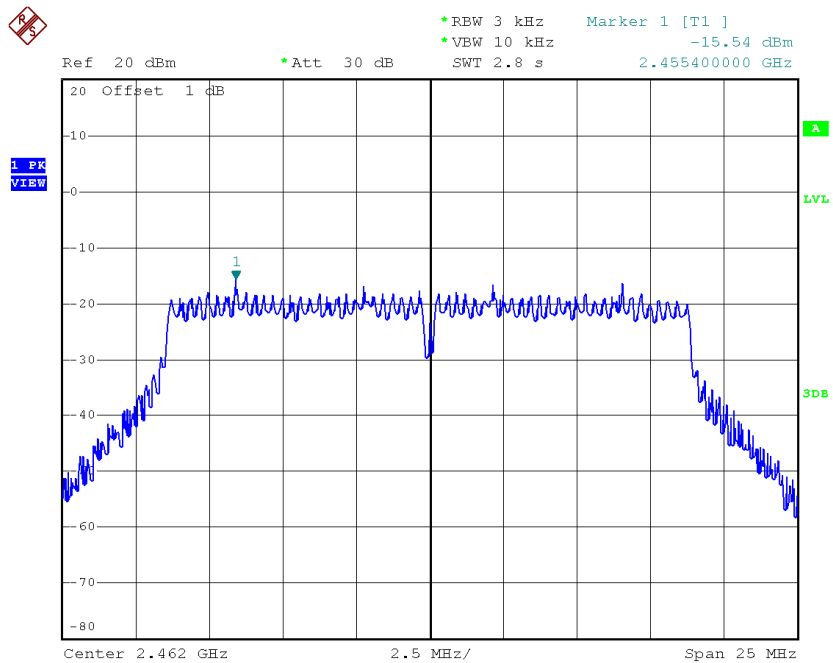
Date: 20.MAY.2015 14:32:50

TX CH06



Date: 20.MAY.2015 14:34:16

TX CH11

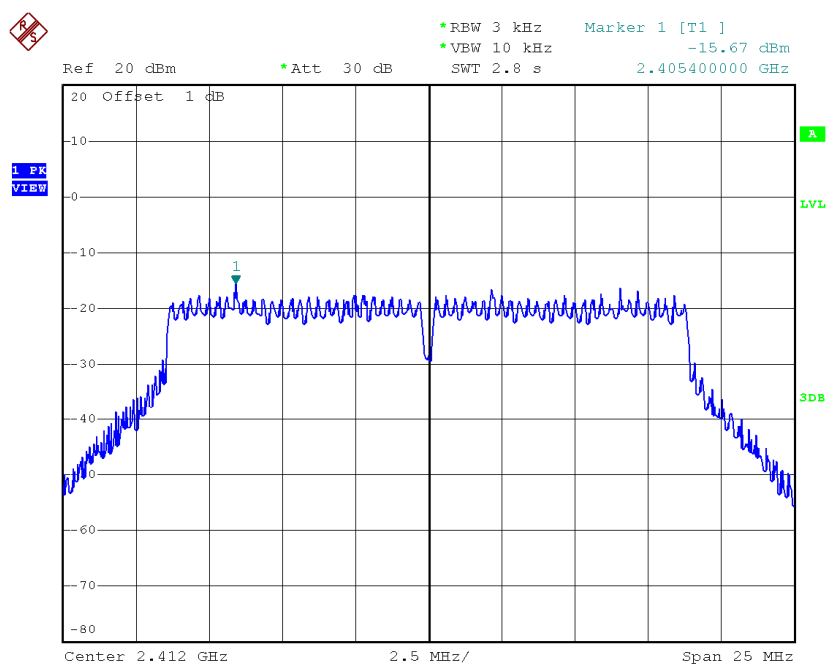


Date: 20.MAY.2015 14:35:33

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

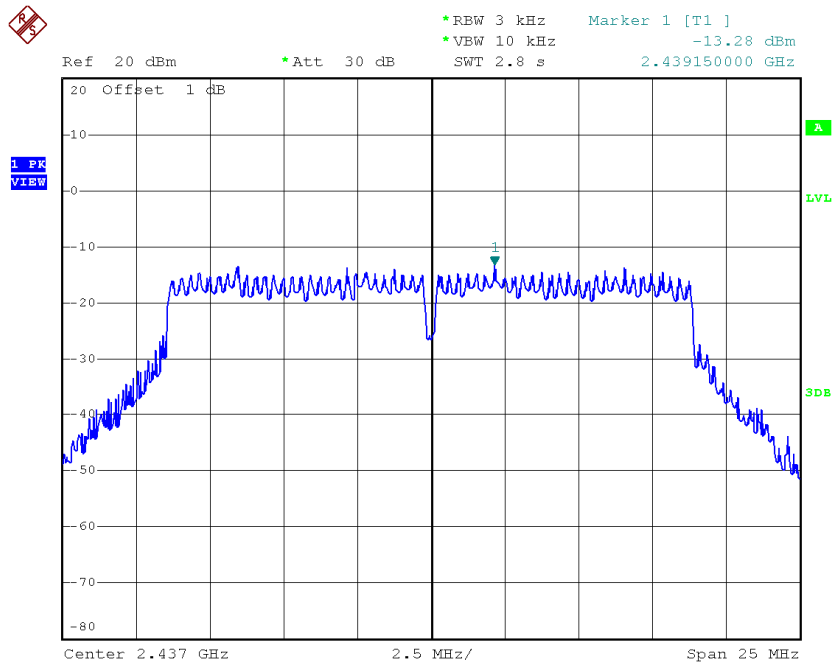
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-15.67	0.03	8.00	Complies
2437	-16.72	0.02	8.00	Complies
2462	-15.70	0.03	8.00	Complies

TX CH01



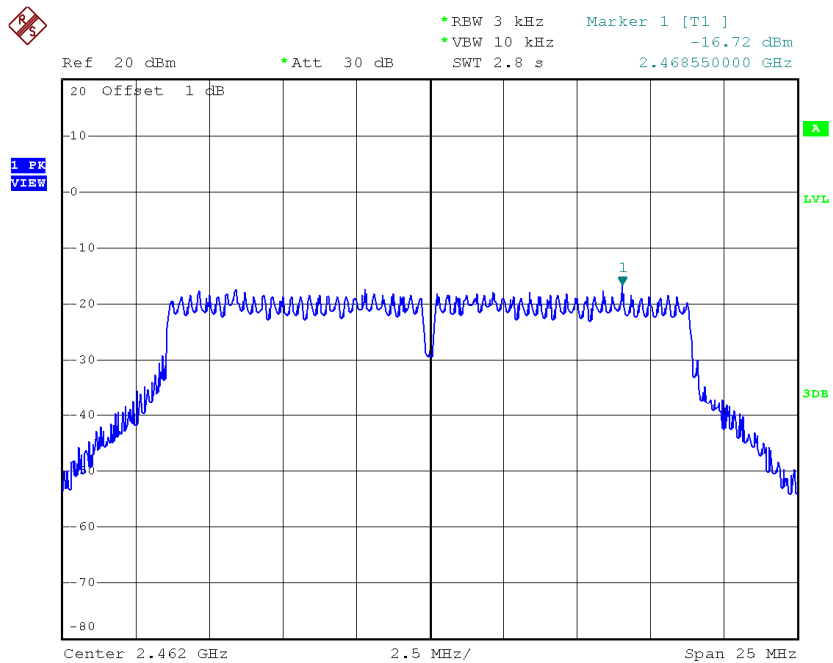
Date: 20.MAY.2015 14:37:07

TX CH06



Date: 20.MAY.2015 14:38:20

TX CH11



Date: 20.MAY.2015 14:39:26

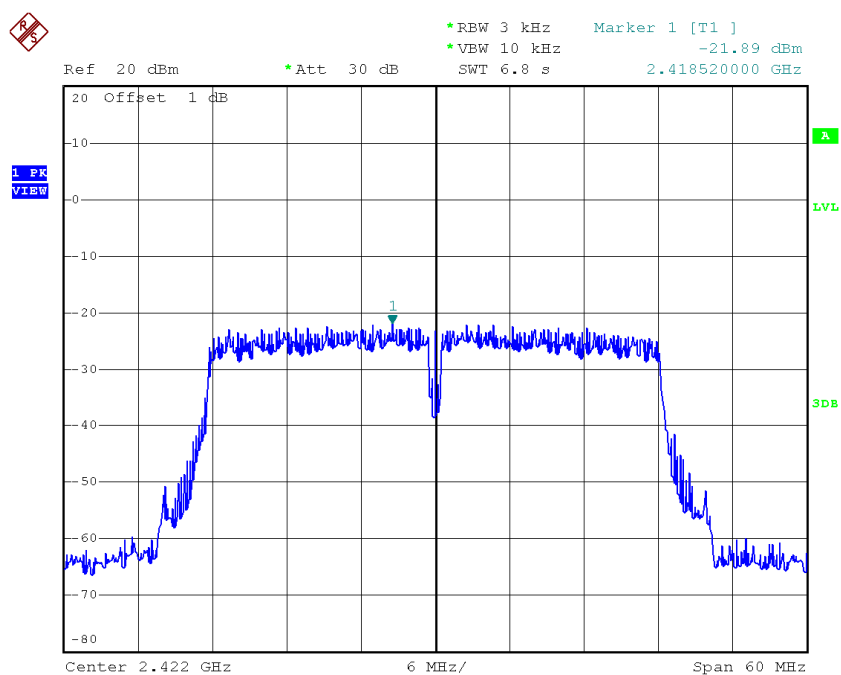
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.19	0.05	8.00	Complies
2437	-11.77	0.07	8.00	Complies
2462	-12.61	0.05	8.00	Complies

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

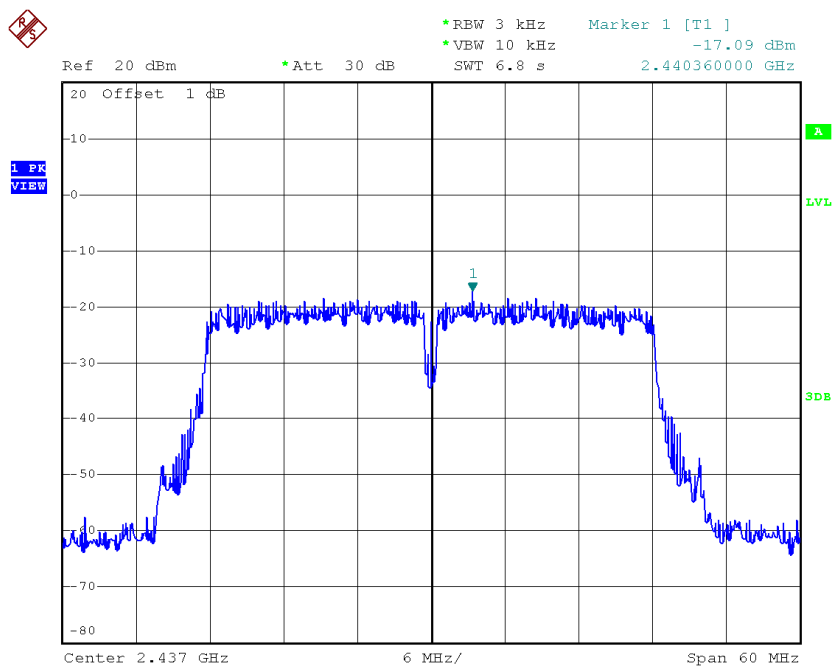
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-21.89	0.01	8.00	Complies
2437	-17.09	0.02	8.00	Complies
2452	-21.54	0.01	8.00	Complies

TX CH03



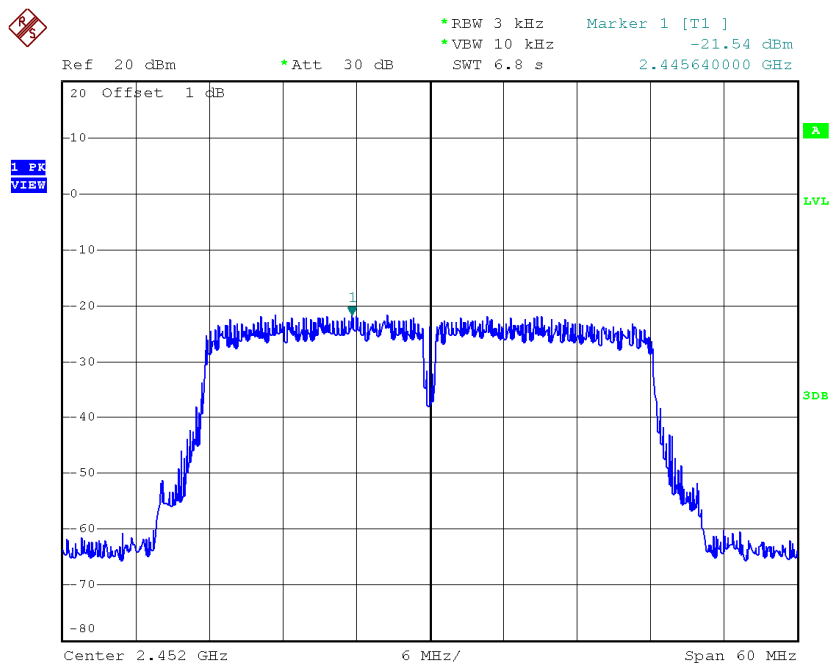
Date: 20.MAY.2015 14:41:20

TX CH06



Date: 20.MAY.2015 14:43:47

TX CH09

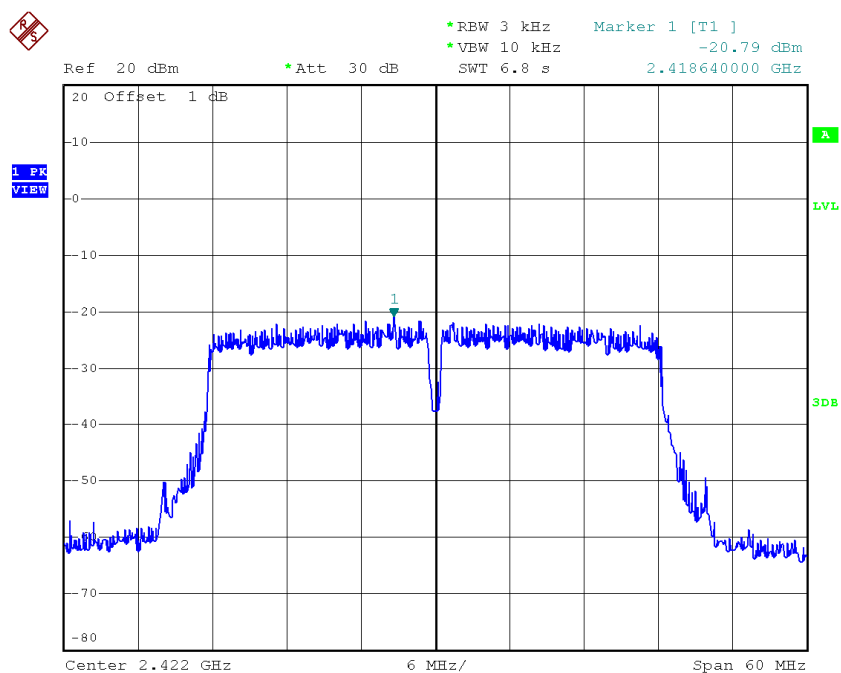


Date: 20.MAY.2015 14:45:08

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

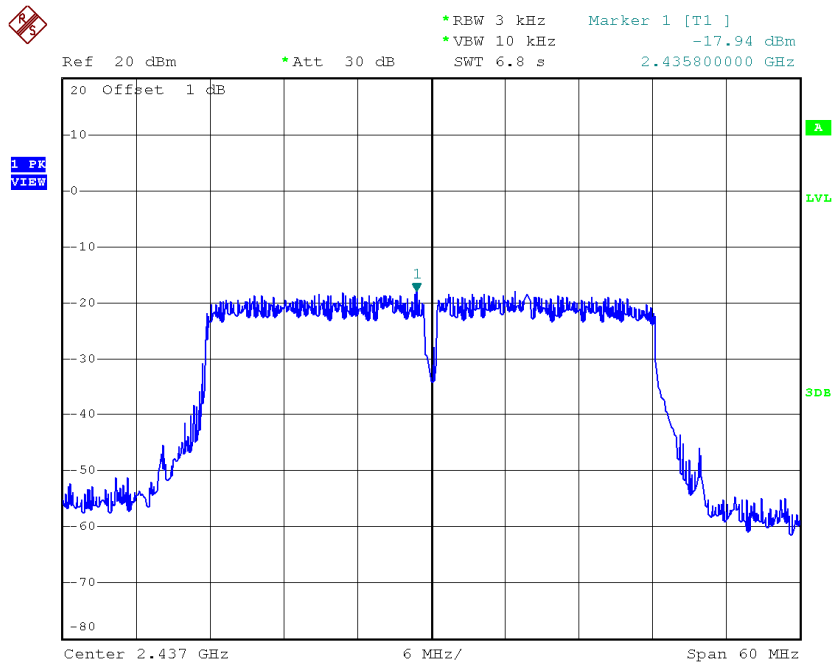
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-20.79	0.01	8.00	Complies
2437	-6.24	0.24	8.00	Complies
2452	-20.57	0.01	8.00	Complies

TX CH03



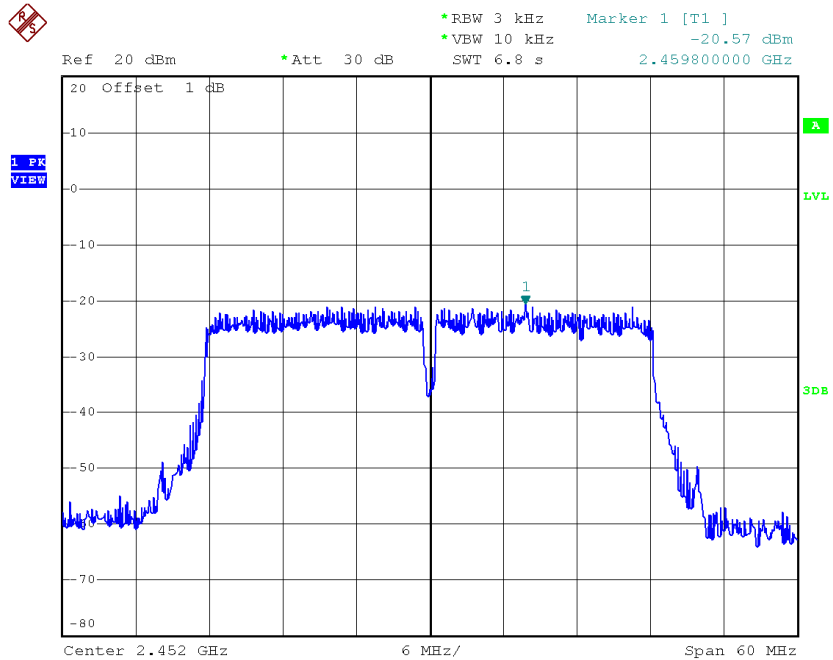
Date: 20.MAY.2015 14:47:12

TX CH06



Date: 20.MAY.2015 14:48:21

TX CH09



Date: 20.MAY.2015 14:49:23

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	-18.29	0.01	8.00	Complies
2437	-5.90	0.26	8.00	Complies
2452	-18.02	0.02	8.00	Complies

Power spectral dendency Measurement Photos



10. EUT PHOTOS







Adapter: FRECOM/F05L5-050100SPAU



Adapter: LEADER/MU05BS050100-A1

