FCC Radio Test Report

FCC ID: QISAP8130DN

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

Project No.	:	1407C034B
Equipment	:	Outdoor Wireless LAN Access Point
Model Name	:	AP8130DN
Applicant	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen 518129, P.R.China

Date of Receipt	:	Mar. 09, 2015
Date of Test	:	Mar. 09, 2015 ~ Jun. 08, 2015
Issued Date	:	Jun. 10, 2015
Tested by	:	BTL Inc.

Testing Engineer : David Mao
(David Mao)

Technical Manager : Leo Hung
(Leo Hung)

Authorized Signatory : Steven Lu
(Steven Lu)

BTL INC.

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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.**

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

BTL's report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **BTL-self**, extracts from the test report shall not be reproduced except in full with **BTL**'s authorized written approval.

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

Limitation

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

Table of Contents Page

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 12

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING 13

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 14

3.5 DESCRIPTION OF SUPPORT UNITS 14

4 . EMC EMISSION TEST 15

4.1 CONDUCTED EMISSION MEASUREMENT 15

4.1.1 POWER LINE CONDUCTED EMISSION LIMITS 15

4.1.2 TEST PROCEDURE 15

4.1.3 DEVIATION FROM TEST STANDARD 15

4.1.4 TEST SETUP 16

4.1.5 EUT OPERATING CONDITIONS 16

4.1.6 EUT TEST CONDITIONS 16

4.1.7 TEST RESULTS 16

4.2 RADIATED EMISSION MEASUREMENT 17

4.2.1 RADIATED EMISSION LIMITS 17

4.2.2 TEST PROCEDURE 18

4.2.3 DEVIATION FROM TEST STANDARD 18

4.2.4 TEST SETUP 18

4.2.5 EUT OPERATING CONDITIONS 19

4.2.6 EUT TEST CONDITIONS 19

4.2.7 TEST RESULTS (9KHZ TO 30MHZ) 20

4.2.8 TEST RESULTS (BETWEEN 30MHZ TO 1000 MHZ) 20

4.2.9 TEST RESULTS (ABOVE 1000 MHZ) 20

5 . BANDWIDTH TEST 21

5.1 APPLIED PROCEDURES 21

5.1.1 TEST PROCEDURE 21

5.1.2 DEVIATION FROM STANDARD 21

5.1.3 TEST SETUP 21

5.1.4 EUT OPERATION CONDITIONS 21

5.1.5 EUT TEST CONDITIONS 21

5.1.6 TEST RESULTS 21

Table of Contents	Page
6 . MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST	22
6.1 APPLIED PROCEDURES / LIMIT	22
6.1.1 TEST PROCEDURE	22
6.1.2 DEVIATION FROM STANDARD	22
6.1.3 TEST SETUP	22
6.1.4 EUT OPERATION CONDITIONS	22
6.1.5 EUT TEST CONDITIONS	22
6.1.6 TEST RESULTS	22
7 . ANTENNA CONDUCTED SPURIOUS EMISSION	23
7.1 APPLIED PROCEDURES / LIMIT	23
7.1.1 TEST PROCEDURE	23
7.1.2 DEVIATION FROM STANDARD	23
7.1.3 TEST SETUP	23
7.1.4 EUT OPERATION CONDITIONS	23
7.1.5 EUT TEST CONDITIONS	23
7.1.6 TEST RESULTS	23
8 . POWER SPECTRAL DENSITY TEST	24
8.1 APPLIED PROCEDURES / LIMIT	24
8.1.1 TEST PROCEDURE	24
8.1.2 DEVIATION FROM STANDARD	24
8.1.3 TEST SETUP	24
8.1.4 EUT OPERATION CONDITIONS	24
8.1.5 EUT TEST CONDITIONS	24
8.1.6 TEST RESULTS	24
9 . MEASUREMENT INSTRUMENTS LIST	25
ATTACHMENT A - CONDUCTED EMISSION	27
ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)	30
ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)	32
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)	39
ATTACHMENT E - BANDWIDTH	88
ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER	97
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION	111
ATTACHMENT H - POWER SPECTRAL DENSITY	248

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1407C034B	Original Issue.	Jun. 10, 2015

1. CERTIFICATION

Equipment	:	Outdoor Wireless LAN Access Point
Brand Name	:	HUAWEI
Model Name	:	AP8130DN
Applicant	:	Huawei Technologies Co.,Ltd.
Manufacturer	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen 518129, P.R.China
Factory	:	Huawei Technologies Co.,Ltd.
Address	:	Huawei Base, Bantian, Longgang District, Shenzhen 518129, P.R.China
Date of Test	:	Mar. 09, 2015 ~ Jun. 08, 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-1-1407C034B) 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).

Test result included in this report is only for the 2.4GHz part of the product.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

(2) The test follows FCC KDB Publication No. 558074 D01 DTS Meas Guidance v03r03 (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.523792 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 ± 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 ~ 3 MHz	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	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Outdoor Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP8130DN	
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 450 Mbps
	Output Power (Max.)	802.11b: 29.24 dBm 802.11g: 29.83 dBm 802.11n(20MHz): 27.35 dBm 802.11n(40MHz): 24.23 dBm
Power Source	DC voltage supplied from PoE Model: PoE 35-54A	
Power Rating	I/P: AC 100-240V 50/60Hz 1.0A MAX O/P: DC 5V 0.65A	

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

The product has 2 group antenna

Group 1 Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
A	Nippon Antenna	C15G14Z100BY	External Antenna	N-type	5.5	2.4G
B	Nippon Antenna	C15G14Z100BY	External Antenna	N-type	5.5	2.4G
C	Nippon Antenna	C15G14Z100BY	External Antenna	N-type	5.5	2.4G

Group 2 Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
A	pctel	MHODB245804 07NM-LC	External Antenna	N-type	5.5	2.4G
B	pctel	MHODB245804 07NM-LC	External Antenna	N-type	5.5	2.4G
C	pctel	MHODB245804 07NM-LC	External Antenna	N-type	5.5	2.4G

Note:
1. The EUT incorporates a MIMO function. Physically, the EUT provides three completed transmitters and receivers (3T3R).
2. ANT B for 1TX was found to be the worst case and recorded.
Remark:

For 2TX with beamforming

The EUTwith beamforming function, then, Direction gain = G_{ANT} + 10log(N_{ANT}/N_{SS}), where N_{SS} = the number of independent spatial streams of data.
Directional gain=5.5+10log(3/2)=5.5 + 1.76=7.26.
So the Output Power limit = 30 - 7.26 + 6=28.74,
the PSD of UNII-1 for AC mode limit =8 - 7.26 + 6=6.74

For 3TX with beamforming

The EUTwith beamforming function, then, Direction gain = G_{ANT} + 10log(N_{ANT}/N_{SS}), where N_{SS} = the number of independent spatial streams of data.
Directional gain=5.5+10log(3/3)=5.5 + 0=5.5.
So the Output Power limit = 30
the PSD of UNII-1 for AC mode limit =8

4.

Operating Mode / TX Mode	1TX	2TX	3TX
802.11b	V (ANT B)	V (ANT A+ANT B)	V (ANT+1 ANT B+ANT C)
802.11g	V (ANT B)	V (ANT A+ANT B)	V (ANT+1 ANT B+ANT C)
802.11n(20MHz)	V (ANT B)	V (ANT A+ANT B)	V (ANT+1 ANT B+ANT C)
802.11n(40MHz)	V (ANT B)	V (ANT A+ANT B)	V (ANT+1 ANT B+ANT C)

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

(3) 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

For 1TX

Test software version	TEST-CART		
Frequency (MHz)	2412	2437	2462
802.11b	23	23	23
802.11g	13	18	13
802.11n (20MHz)	13	19	13
Frequency	2422	2437	2452
802.11n (40MHz)	11	15	11

For 2TX

Test software version	CART		
Frequency (MHz)	2412	2437	2462
802.11b	20	23	20
802.11g	10	18	10
802.11n (20MHz)	10	16	10
Frequency	2422	2437	2452
802.11n (40MHz)	8	12	8

For 2TX with beamforming

Test software version	CART		
Frequency (MHz)	2412	2437	2462
802.11n (20MHz)	7	13	7
Frequency	2422	2437	2452
802.11n (40MHz)	5	9	5

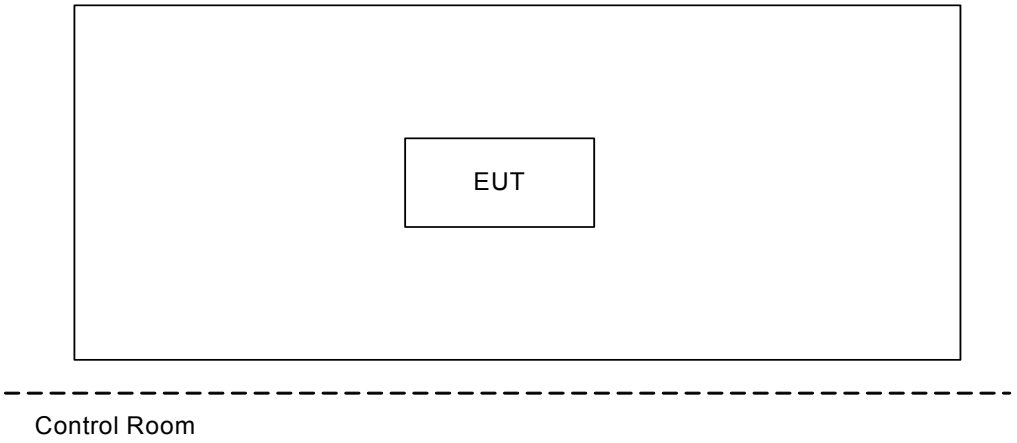
For 3TX

Test software version	CART		
Fr quency (MHz)	2412	2437	2462
802.11b	18	20	18
802.11g	8	16	8
802.11n (20MHz)	8	14	8
Frequency	2422	2437	2452
802.11n (40MHz)	6	10	6

For 3TX with beamforming

Test software version	CART		
Frequency (MHz)	2412	2437	2462
802.11n (20MHz)	3	9	3
Frequency	2422	2437	2452
802.11n (40MHz)		15	1

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
-	-	-	-	-	-	

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 -0.5	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

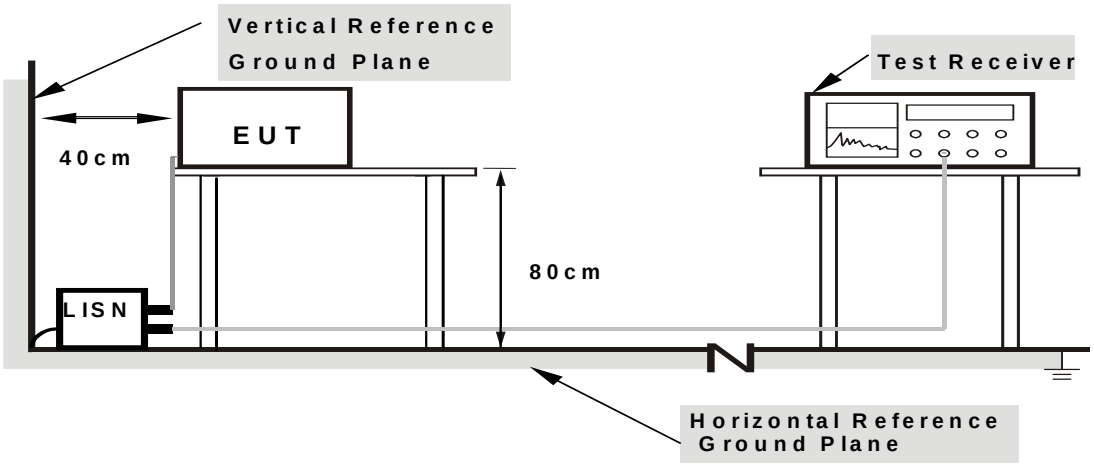
4.1.2 TEST PROCEDURE

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), then the 15.209(a) limit in the table below has to be followed.

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

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

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

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

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

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	RBW 1MHz VBW 3MHz peak detector for Pk value RMS detector for AV value

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

4.2.2 TEST PROCEDURE

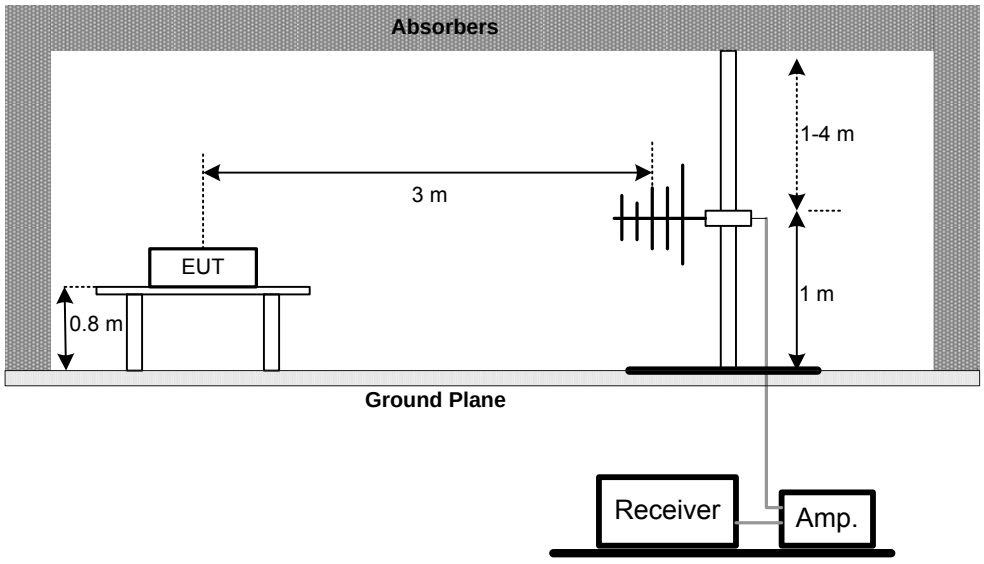
a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a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

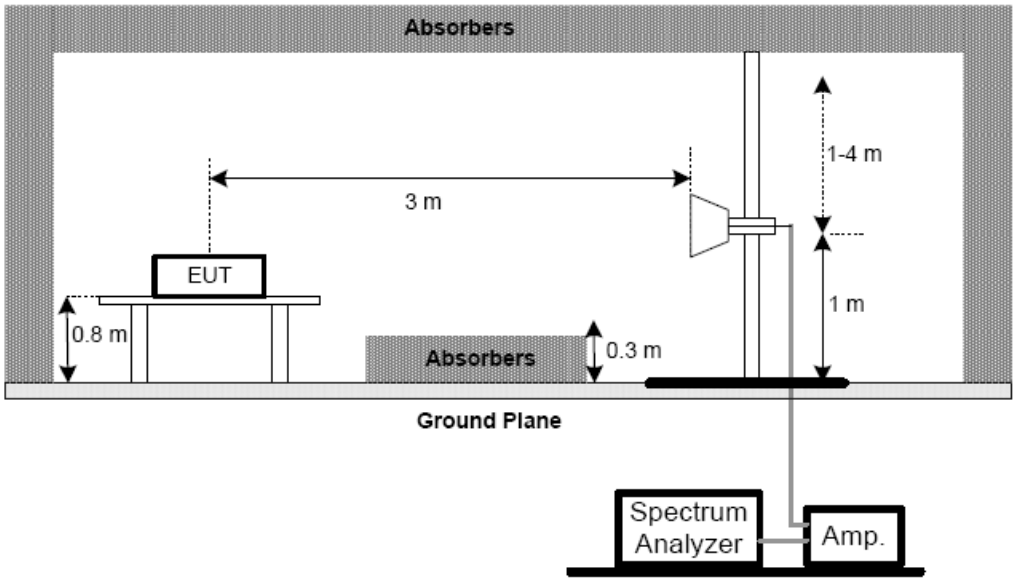
No deviation

4.2.4 TEST SETUP

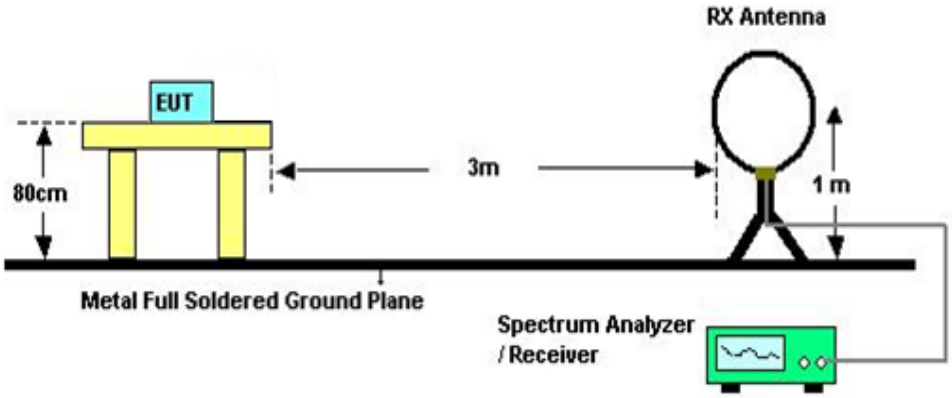
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(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

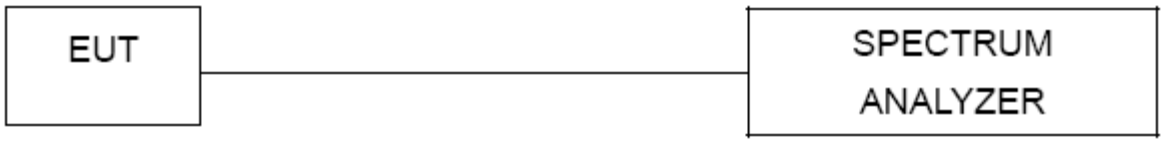
5.1.1 TEST PROCEDURE

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

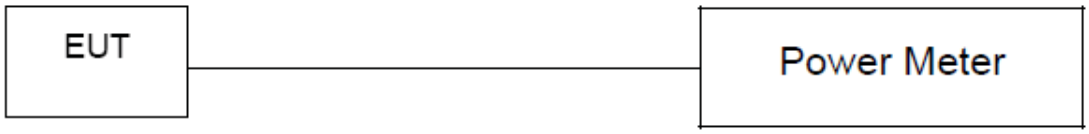
6.1.1 TEST PROCEDURE

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 v03r03.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

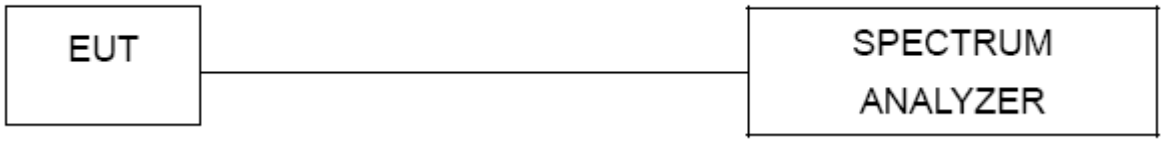
7.1.1 TEST PROCEDURE

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

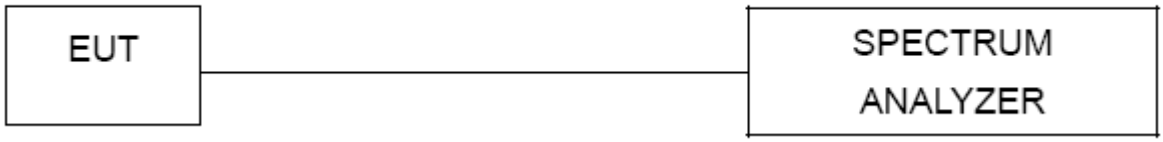
8.1.1 TEST PROCEDURE

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	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	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	MY52130039	Sep. 30, 2015
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jul. 01, 2015
5	Antenna	ETS	3115	00075789	Mar. 28, 2016
6	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
7	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
8	Test Cable	emci	EMC104-SM-SM-10000(1GHz－18GHz)	C-68	Jul. 01, 2015
9	Controller	CT	SC100	N/A	N/A
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 16, 2015
13	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. 29, 2015
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 29, 2015

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

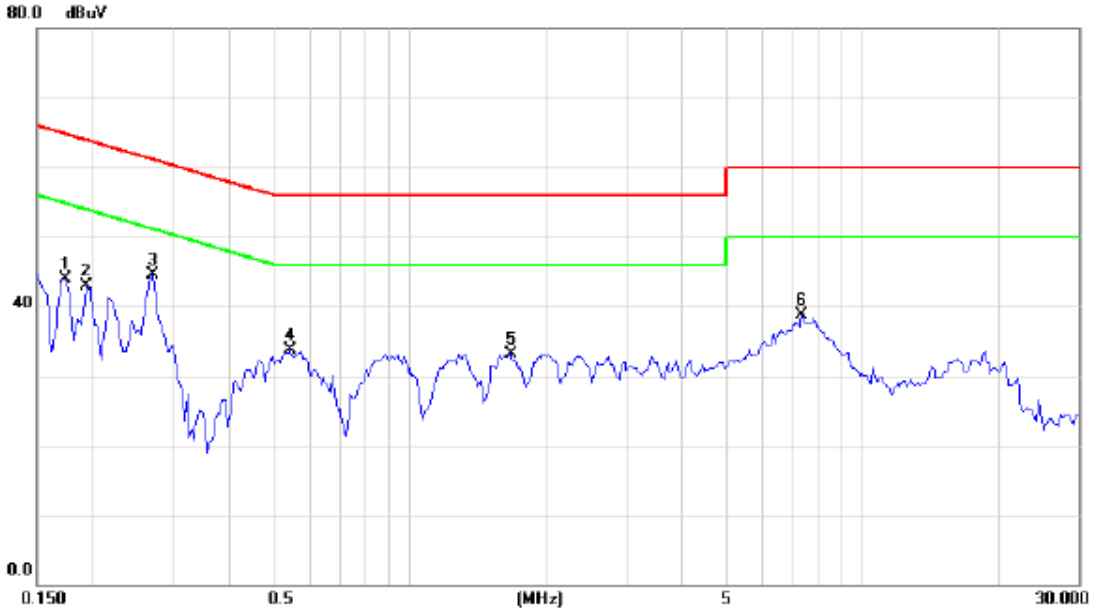
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

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

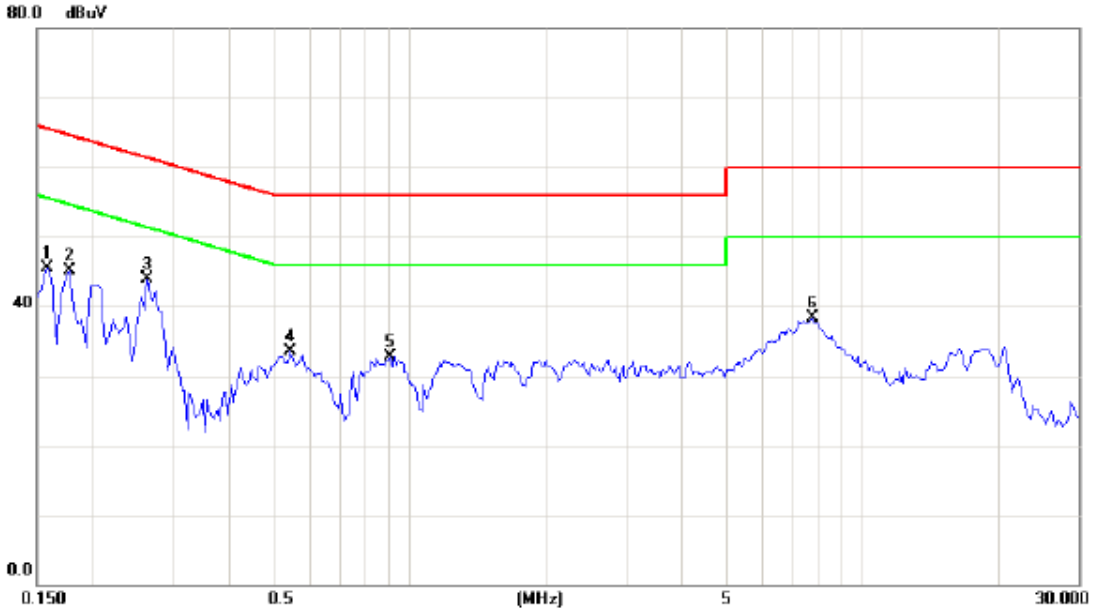
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1734	34.42	9.56	43.98	64.80	-20.82	peak	
2		0.1930	33.42	9.57	42.99	63.91	-20.92	peak	
3	*	0.2711	34.97	9.62	44.59	61.08	-16.49	peak	
4		0.5445	23.99	9.70	33.69	56.00	-22.31	peak	
5		1.6695	23.33	9.86	33.19	56.00	-22.81	peak	
6		7.3360	28.77	9.91	38.68	60.00	-21.32	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		0.1578	36.02	9.49	45.51	65.58	-20.07	peak	
2		0.1773	35.53	9.48	45.01	64.61	-19.60	peak	
3	*	0.2633	34.44	9.51	43.95	61.33	-17.38	peak	
4		0.5445	23.97	9.56	33.53	56.00	-22.47	peak	
5		0.9040	23.21	9.59	32.80	56.00	-23.20	peak	
6		7.7540	28.49	9.85	38.34	60.00	-21.66	peak	

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

Test Mode:	TX Mode 2412MHz

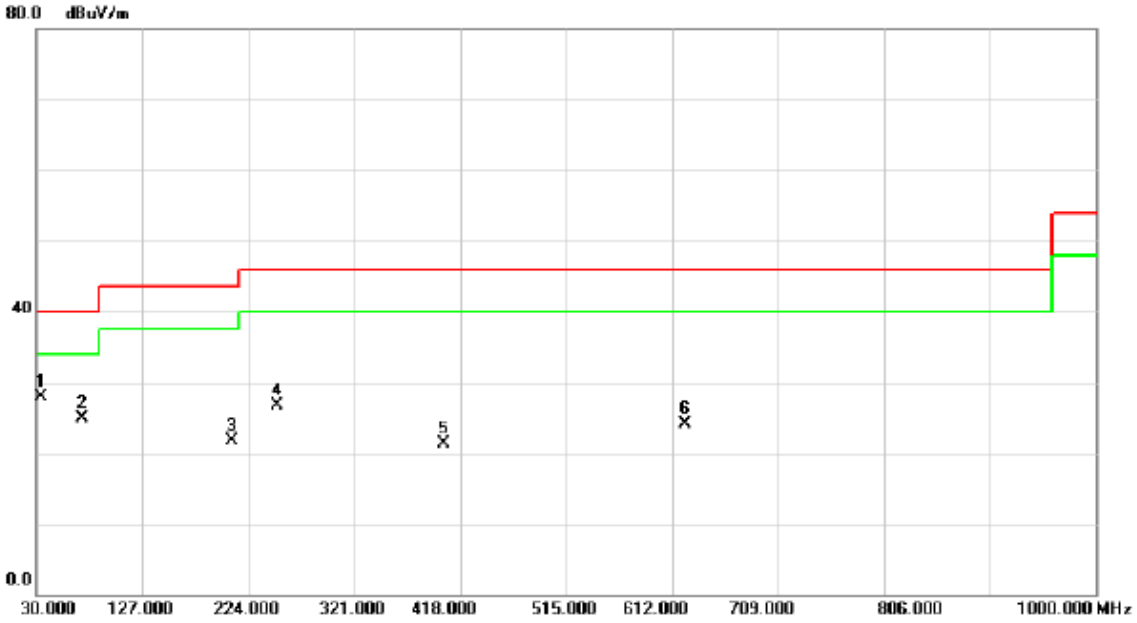
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit(QP) (dBuV/m)	Margin (dB)	Note
0.0079	0°	13.25	25.07	38.32	129.65	-91.34	AVG
0.0079	0°	16.05	25.07	41.12	149.65	-108.54	PEAK
0.0215	0°	9.16	24.21	33.37	120.96	-87.59	AVG
0.0215	0°	10.58	24.21	34.79	140.96	-106.17	PEAK
0.0369	0°	6.39	23.23	29.62	116.26	-86.64	AVG
0.0369	0°	8.97	23.23	32.20	136.26	-104.06	PEAK
0.0458	0°	3.28	22.67	25.95	114.39	-88.44	AVG
0.0458	0°	5.66	22.67	28.33	134.39	-106.06	PEAK
0.4913	0°	21.09	19.82	40.91	73.78	-32.87	QP
1.7361	0°	23.79	19.53	43.32	69.54	-26.22	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit(QP) (dBuV/m)	Margin (dB)	Note
0.0085	90°	12.39	24.30	36.69	129.02	-92.33	AVG
0.0085	90°	14.82	24.30	39.12	149.02	-109.90	PEAK
0.0213	90°	9.66	24.22	33.88	121.04	-87.16	AVG
0.0213	90°	12.45	24.22	36.67	141.04	-104.37	PEAK
0.0329	90°	7.34	23.48	30.82	117.26	-86.44	AVG
0.0329	90°	10.82	23.48	34.30	137.26	-102.96	PEAK
0.0417	90°	5.33	22.93	28.26	115.20	-86.95	AVG
0.0417	90°	7.85	22.93	30.78	135.20	-104.43	PEAK
0.4936	90°	22.39	19.82	42.21	73.74	-31.53	QP
1.7138	90°	24.69	19.53	44.22	69.54	-25.32	QP

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

Test Mode:	TX B MODE CHANNEL 01

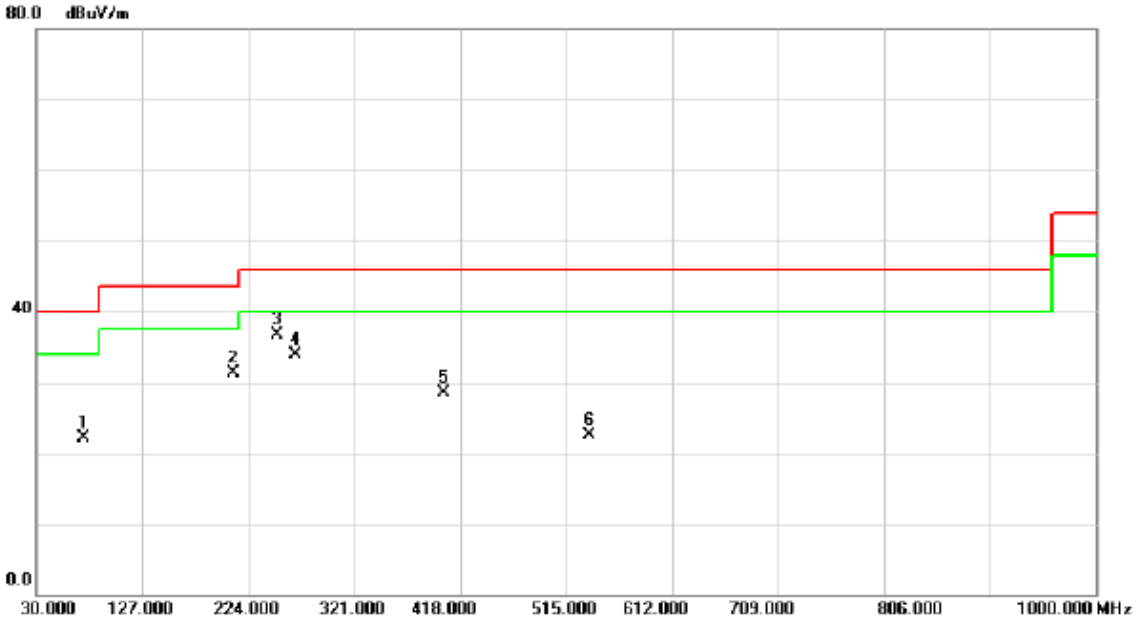
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	33.8800	42.89	-14.94	27.95	40.00	-12.05	peak	
2		71.7100	41.38	-16.38	25.00	40.00	-15.00	peak	
3		209.4500	37.17	-15.37	21.80	43.50	-21.70	peak	
4		250.1900	40.70	-14.02	26.68	46.00	-19.32	peak	
5		402.4800	30.71	-9.48	21.23	46.00	-24.77	peak	
6		624.6100	30.67	-6.55	24.12	46.00	-21.88	peak	

Test Mode:	TX B MODE CHANNEL 01

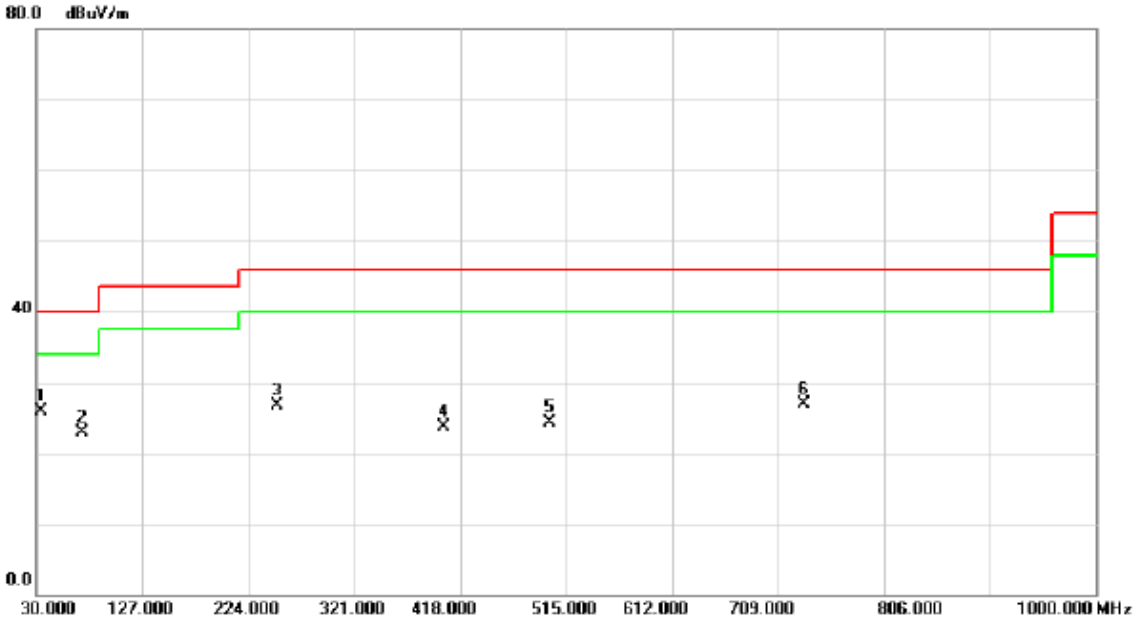
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		73.6500	38.65	-16.50	22.15	40.00	-17.85	peak	
2		210.4200	46.70	-15.38	31.32	43.50	-12.18	peak	
3	*	250.1900	50.67	-14.02	36.65	46.00	-9.35	peak	
4		267.6500	47.19	-13.34	33.85	46.00	-12.15	peak	
5		402.4800	38.07	-9.48	28.59	46.00	-17.41	peak	
6		536.3400	31.10	-8.64	22.46	46.00	-23.54	peak	

Test Mode:	TX B MODE CHANNEL 06

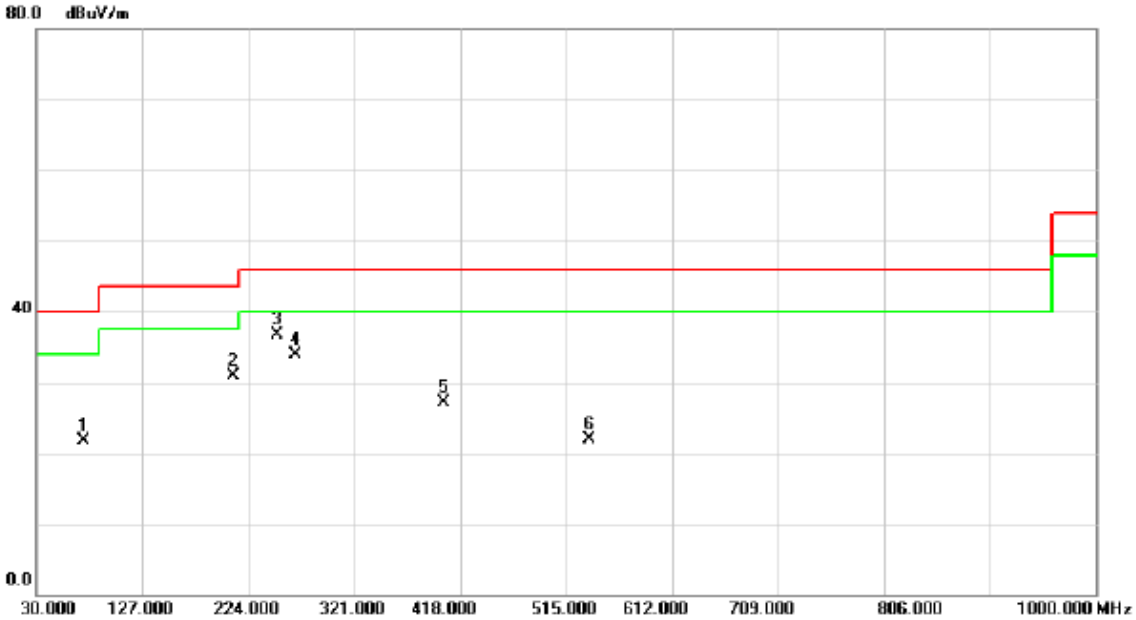
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	33.8800	40.89	-14.94	25.95	40.00	-14.05	peak	
2		71.7100	39.38	-16.38	23.00	40.00	-17.00	peak	
3		250.1900	40.70	-14.02	26.68	46.00	-19.32	peak	
4		402.4800	33.21	-9.48	23.73	46.00	-22.27	peak	
5		500.4500	34.73	-10.50	24.23	46.00	-21.77	peak	
6		733.2500	31.68	-4.72	26.96	46.00	-19.04	peak	

Test Mode:	TX B MODE CHANNEL 06

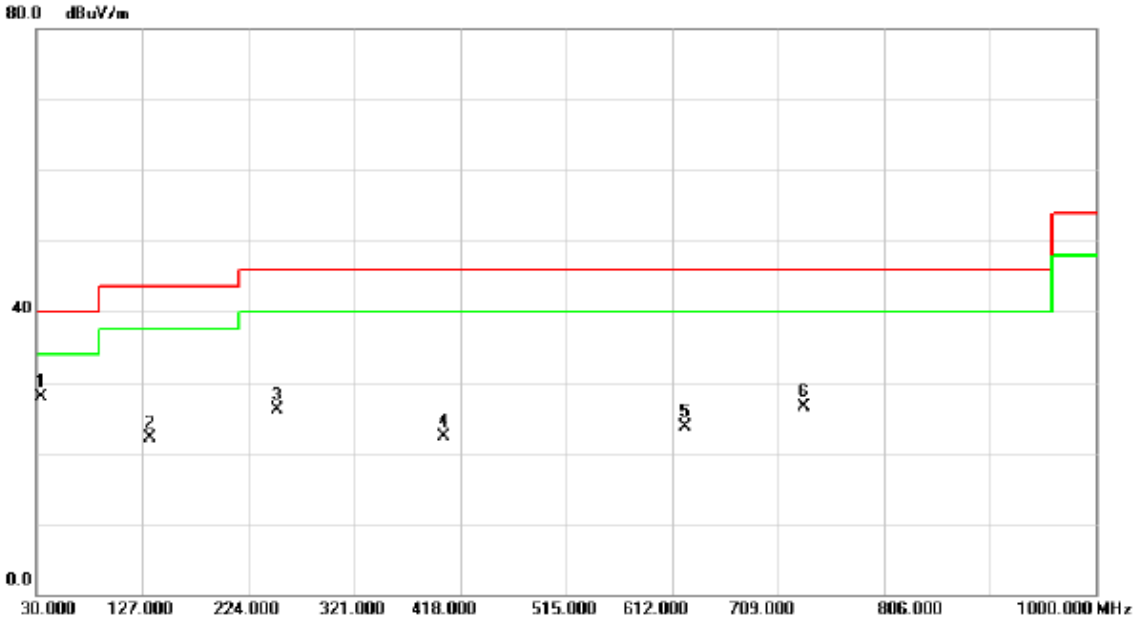
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		73.6500	38.15	-16.50	21.65	40.00	-18.35	peak	
2		210.4200	46.20	-15.38	30.82	43.50	-12.68	peak	
3	*	250.1900	50.67	-14.02	36.65	46.00	-9.35	peak	
4		267.6500	47.19	-13.34	33.85	46.00	-12.15	peak	
5		402.4800	36.57	-9.48	27.09	46.00	-18.91	peak	
6		536.3400	30.60	-8.64	21.96	46.00	-24.04	peak	

Test Mode:	TX B MODE CHANNEL 11

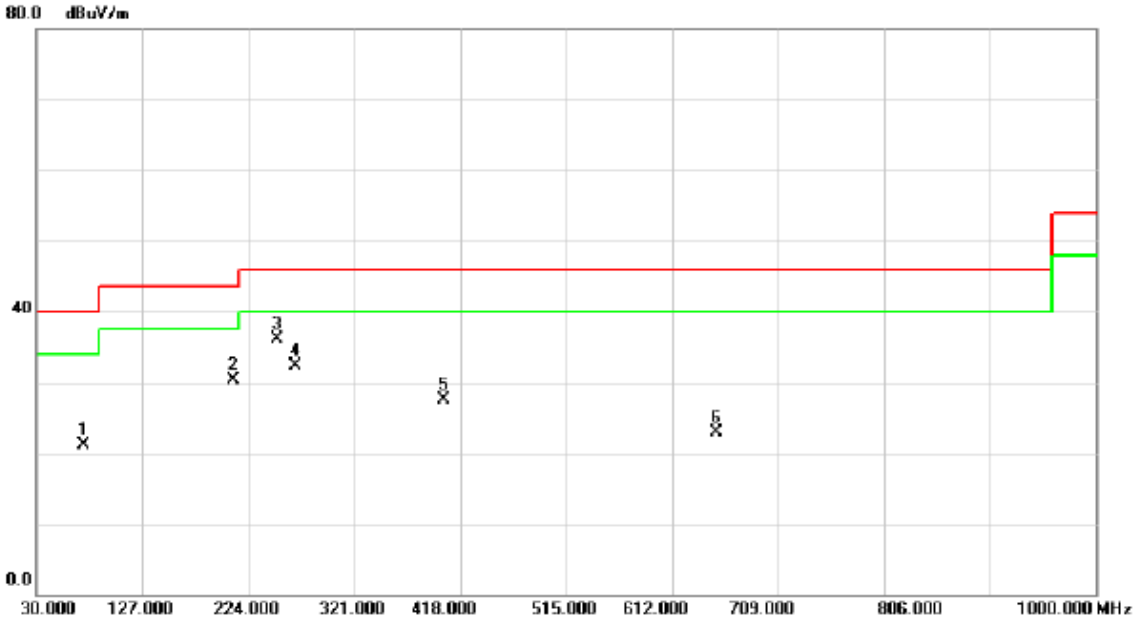
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	33.8800	42.89	-14.94	27.95	40.00	-12.05	peak	
2		133.7900	35.21	-13.09	22.12	43.50	-21.38	peak	
3		250.1900	40.20	-14.02	26.18	46.00	-19.82	peak	
4		402.4800	31.71	-9.48	22.23	46.00	-23.77	peak	
5		624.6100	30.17	-6.55	23.62	46.00	-22.38	peak	
6		733.2500	31.18	-4.72	26.46	46.00	-19.54	peak	

Test Mode:	TX B MODE CHANNEL 11

Horizontal

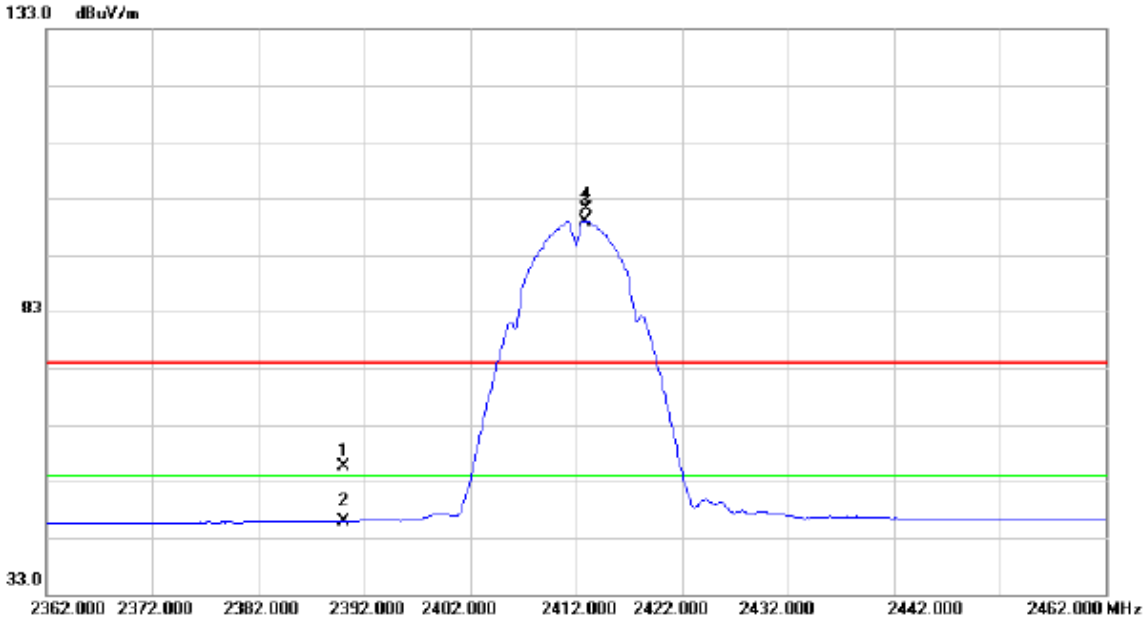


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		73.6500	37.65	-16.50	21.15	40.00	-18.85	peak	
2		210.4200	45.70	-15.38	30.32	43.50	-13.18	peak	
3	*	250.1900	50.17	-14.02	36.15	46.00	-9.85	peak	
4		267.6500	45.69	-13.34	32.35	46.00	-13.65	peak	
5		402.4800	37.07	-9.48	27.59	46.00	-18.41	peak	
6		652.7400	27.96	-5.13	22.83	46.00	-23.17	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

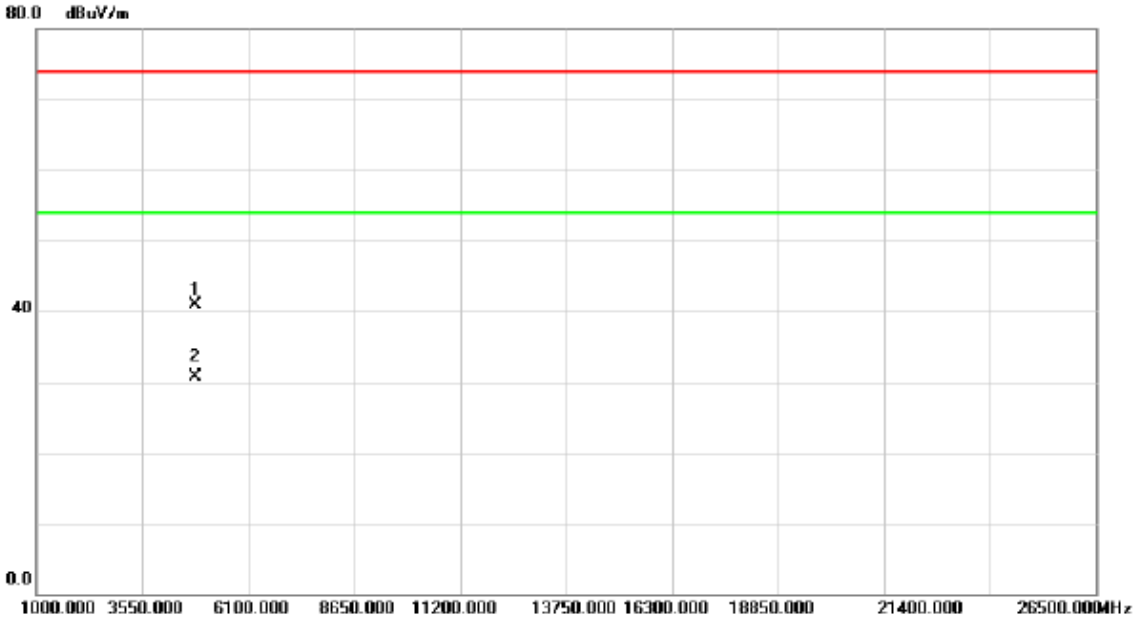
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.67	31.88	55.55	74.00	-18.45	peak	
2		2390.000	14.01	31.88	45.89	54.00	-8.11	AVG	
3	*	2412.800	67.09	31.91	99.00	54.00	45.00	AVG	no limit
4	X	2413.000	69.20	31.91	101.11	74.00	27.11	peak	no limit

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

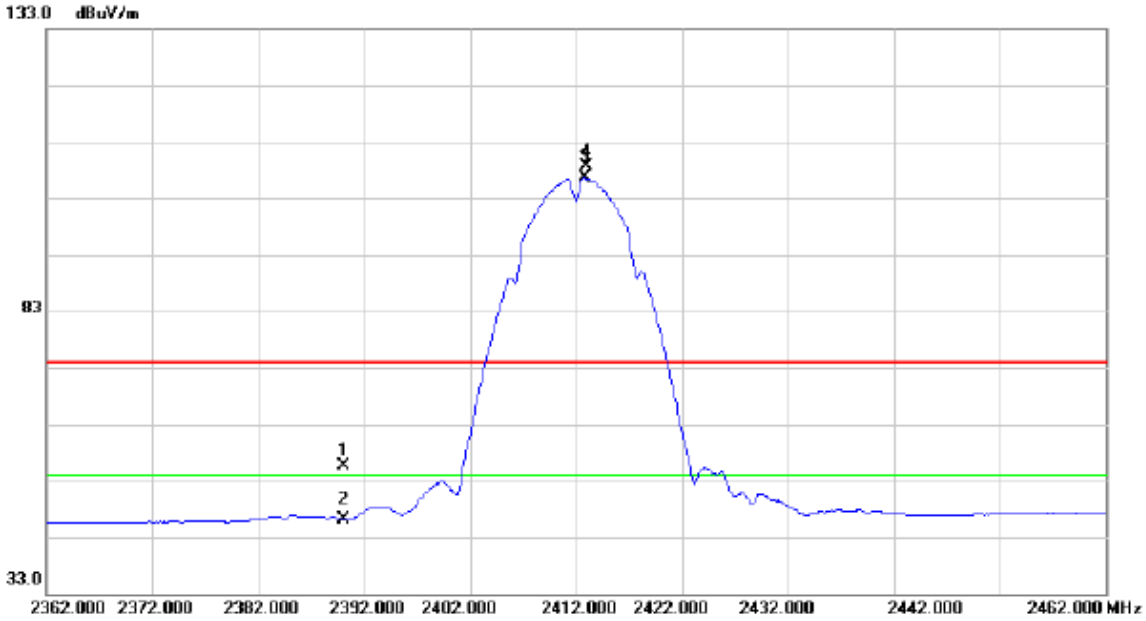
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.980	41.04	-0.07	40.97	74.00	-33.03	peak	
2	*	4823.980	30.80	-0.07	30.73	54.00	-23.27	AVG	

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

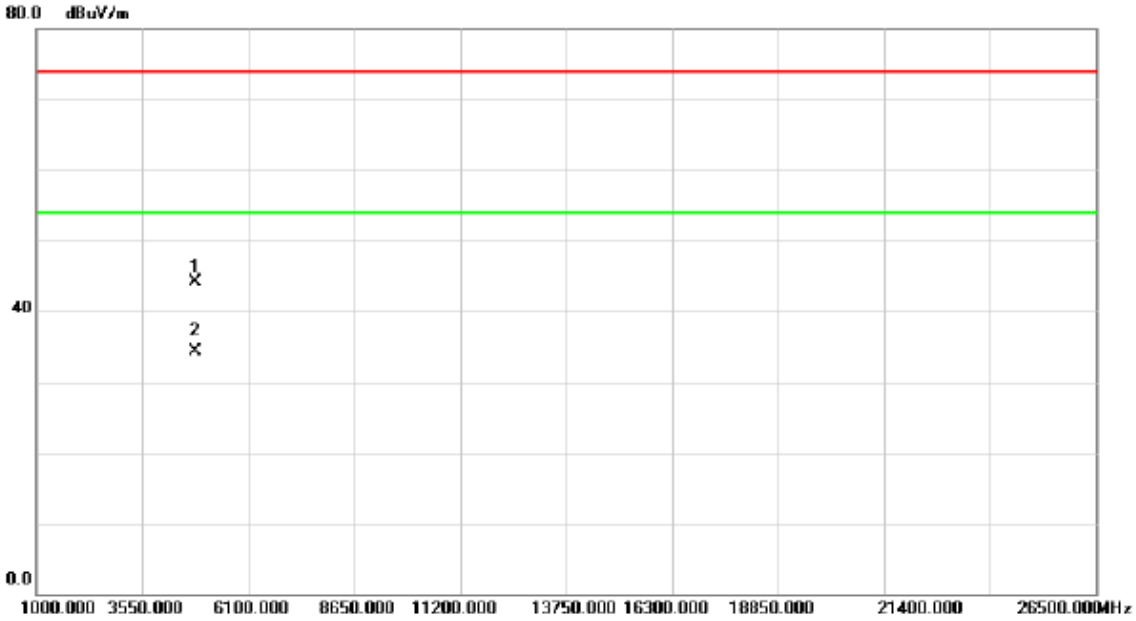
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.79	31.88	55.67	74.00	-18.33	peak	
2		2390.000	14.23	31.88	46.11	54.00	-7.89	AVG	
3	*	2412.800	74.73	31.91	106.64	54.00	52.64	AVG	no limit
4	X	2413.000	76.75	31.91	108.66	74.00	34.66	peak	no limit

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

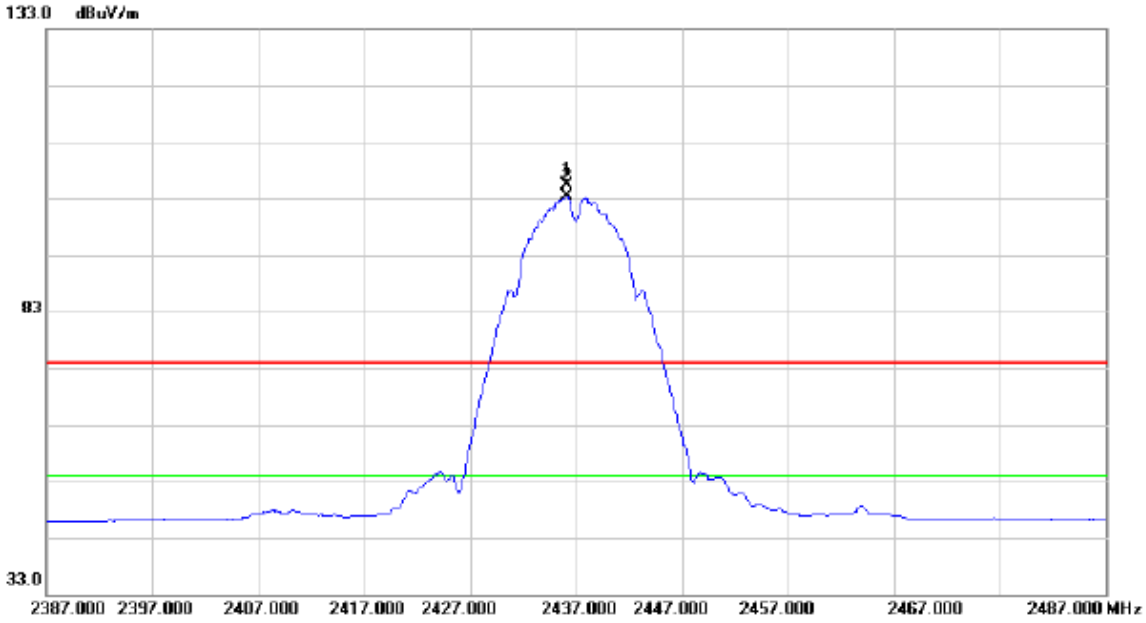
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.020	40.52	3.62	44.14	74.00	-29.86	peak	
2	*	4824.020	30.69	3.62	34.31	54.00	-19.69	AVG	

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

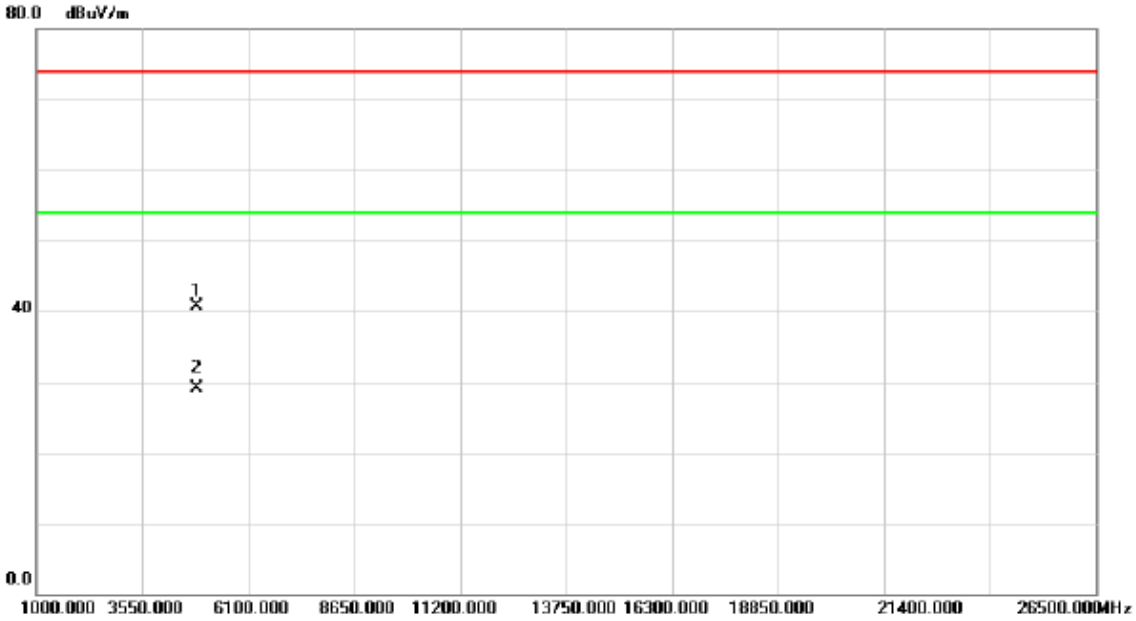
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.200	73.53	31.94	105.47	74.00	31.47	peak	no limit
2	*	2436.200	71.47	31.94	103.41	54.00	49.41	AVG	no limit

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

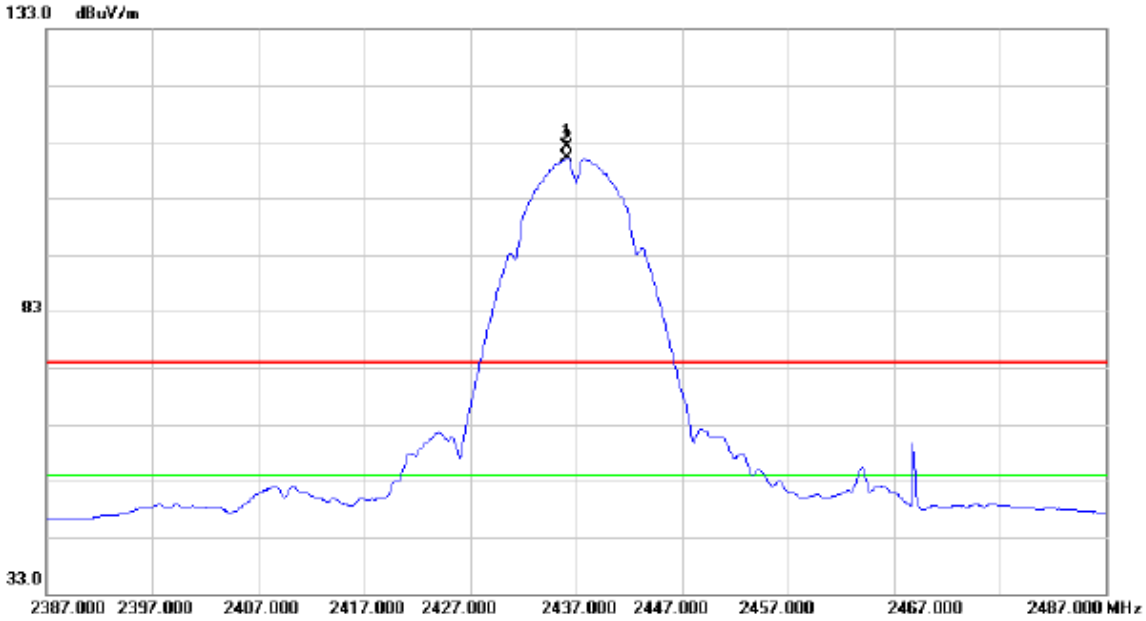
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.060	40.57	0.05	40.62	74.00	-33.38	peak	
2	*	4874.060	29.09	0.05	29.14	54.00	-24.86	AVG	

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

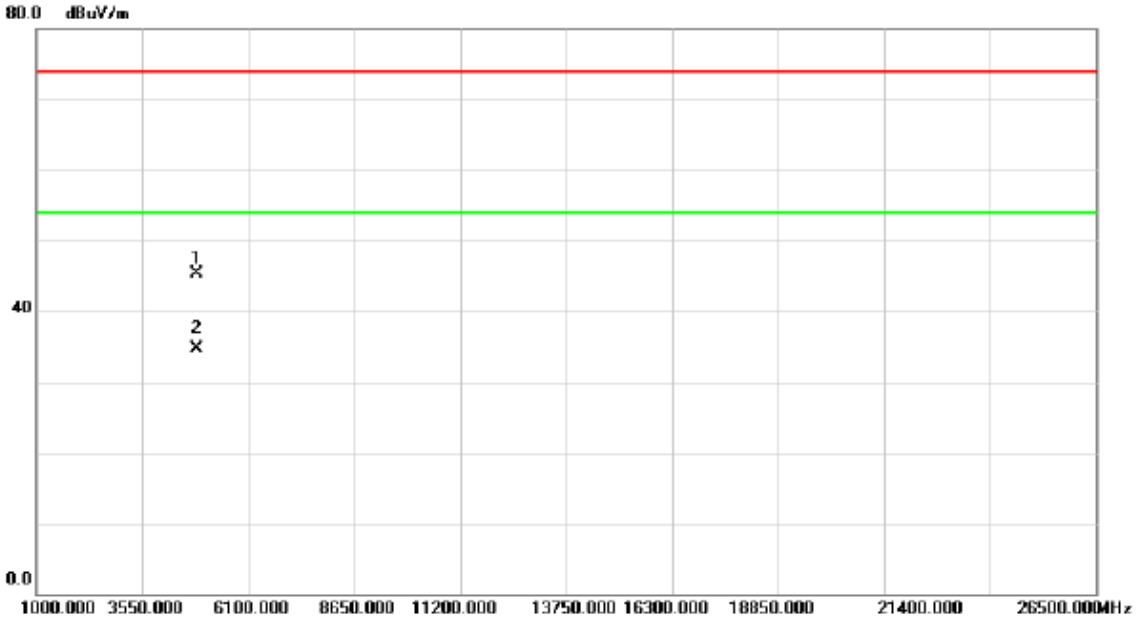
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2436.200	80.23	31.94	112.17	74.00	38.17	peak	no limit
2	*	2436.200	78.17	31.94	110.11	54.00	56.11	AVG	no limit

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

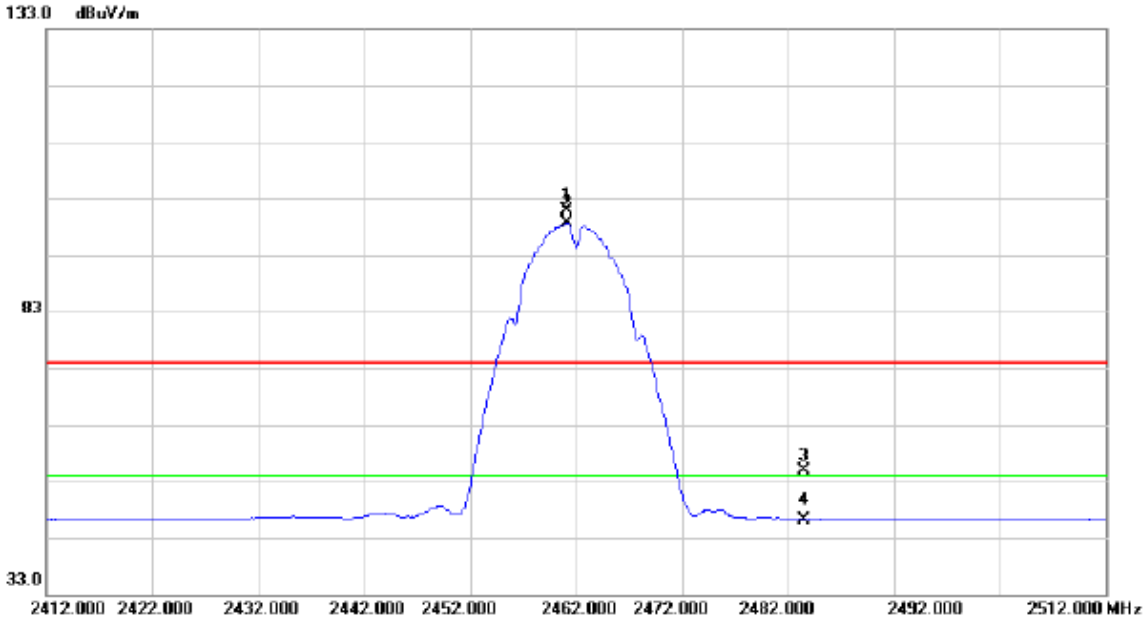
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.130	41.67	3.72	45.39	74.00	-28.61	peak	
2	*	4874.130	30.97	3.72	34.69	54.00	-19.31	AVG	

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

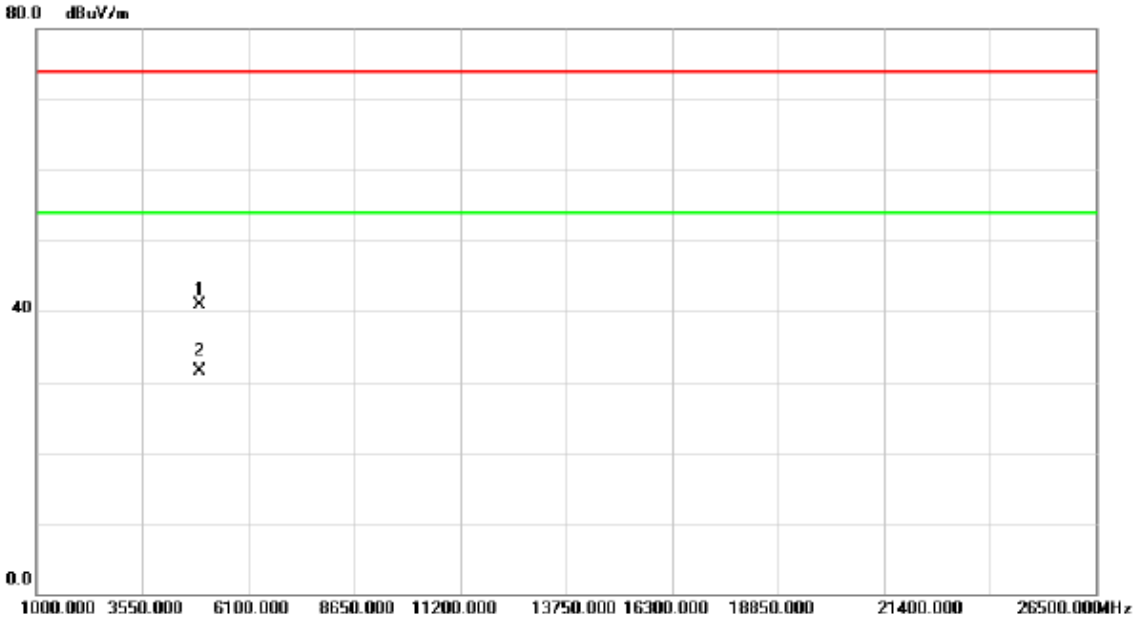
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.200	68.78	31.98	100.76	74.00	26.76	peak	no limit
2	*	2461.200	66.74	31.98	98.72	54.00	44.72	AVG	no limit
3		2483.500	22.77	32.01	54.78	74.00	-19.22	peak	
4		2483.500	14.18	32.01	46.19	54.00	-7.81	AVG	

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

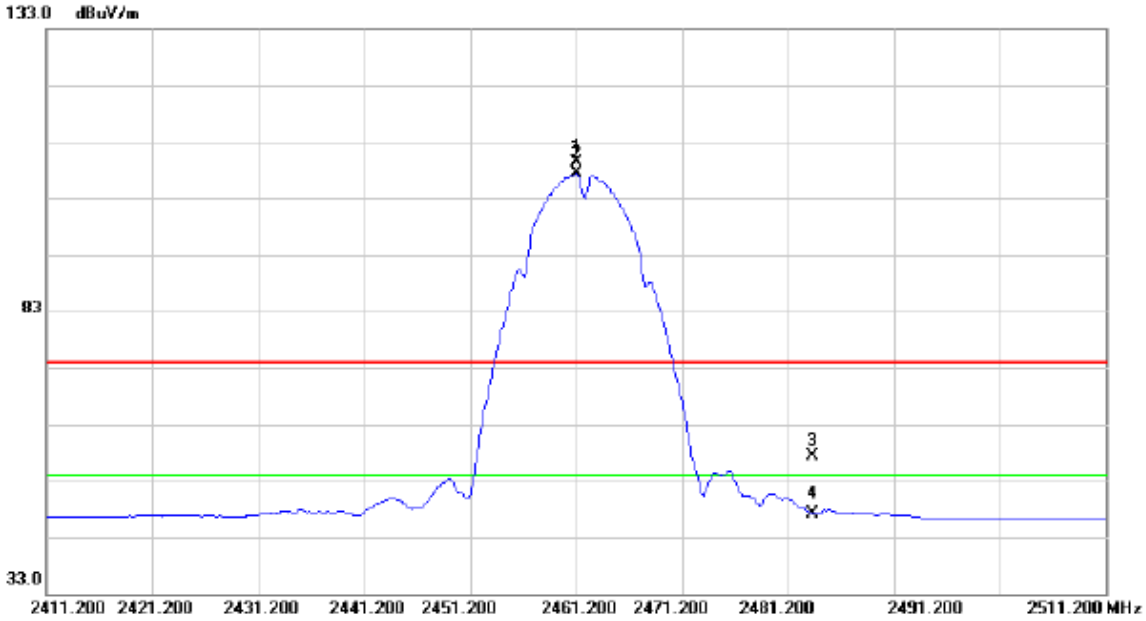
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.150	40.80	0.17	40.97	74.00	-33.03	peak	
2	*	4923.150	31.39	0.17	31.56	54.00	-22.44	AVG	

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

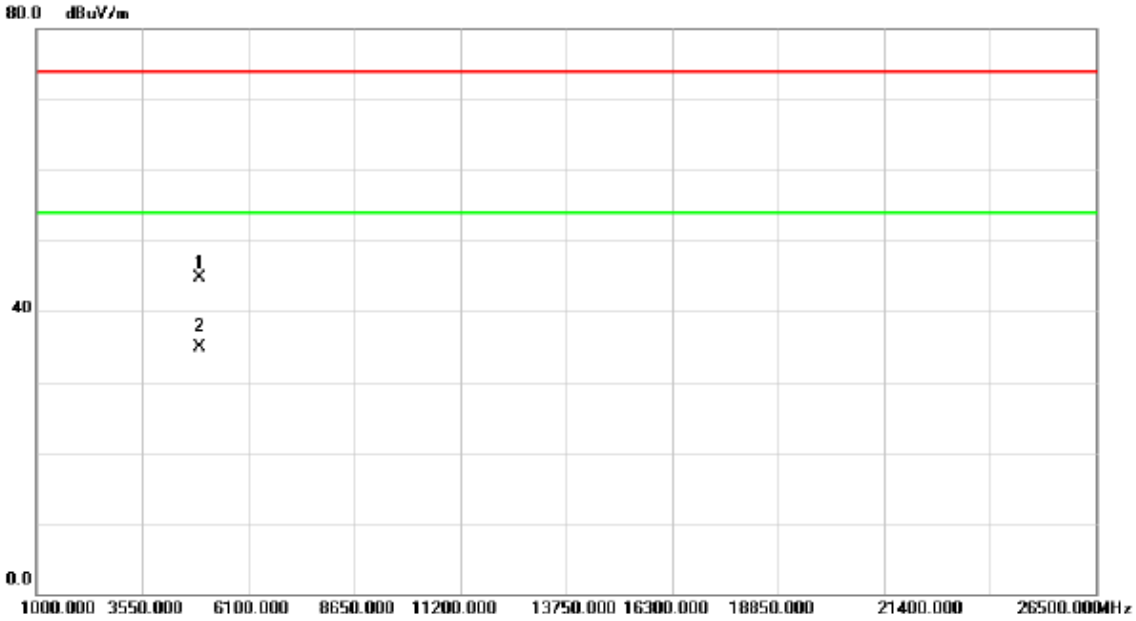
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2461.200	77.50	31.98	109.48	74.00	35.48	peak	no limit
2	*	2461.200	75.44	31.98	107.42	54.00	53.42	AVG	no limit
3		2483.500	25.37	32.01	57.38	74.00	-16.62	peak	
4		2483.500	15.18	32.01	47.19	54.00	-6.81	AVG	

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

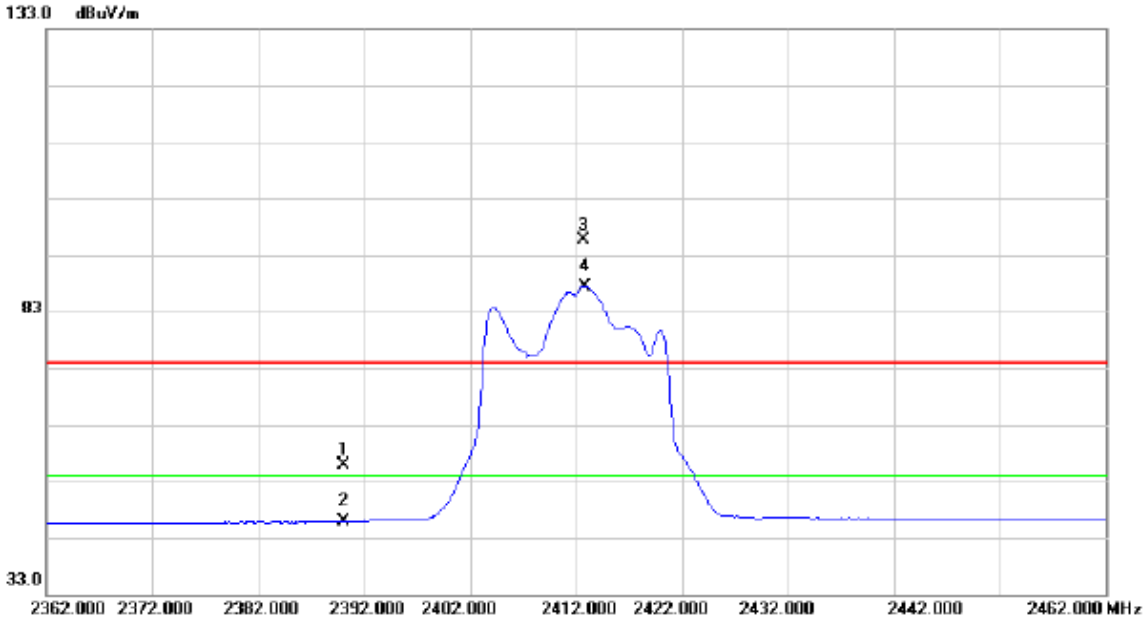
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.520	40.87	3.80	44.67	74.00	-29.33	peak	
2	*	4924.520	31.16	3.80	34.96	54.00	-19.04	AVG	

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

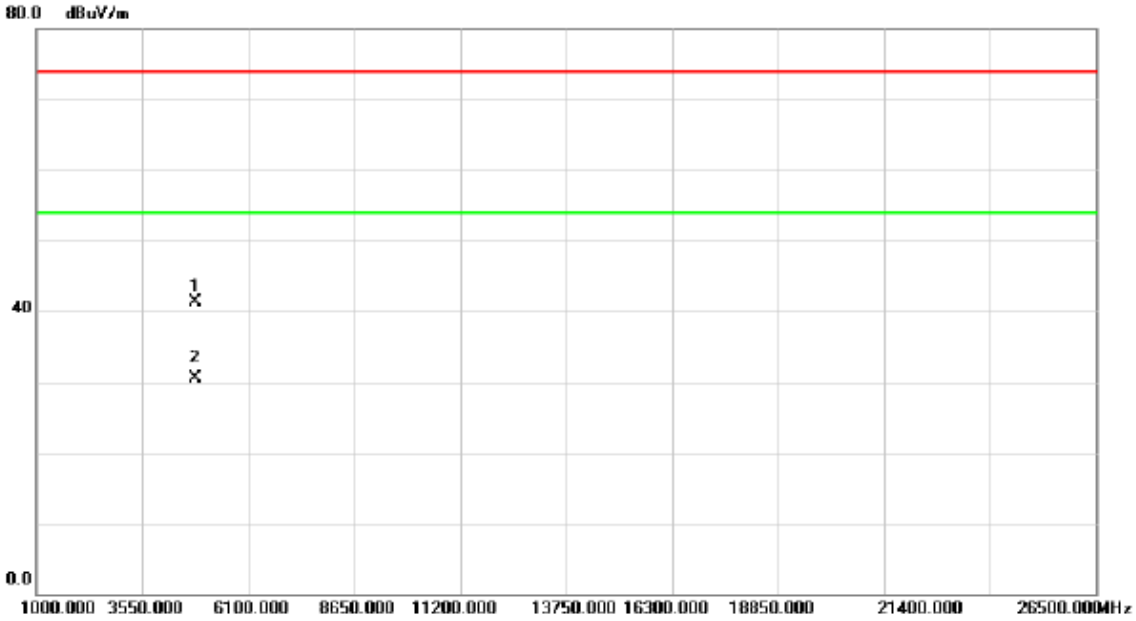
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.05	31.88	55.93	74.00	-18.07	peak	
2		2390.000	13.98	31.88	45.86	54.00	-8.14	AVG	
3	X	2412.700	63.80	31.91	95.71	74.00	21.71	peak	no limit
4	*	2412.900	55.59	31.91	87.50	54.00	33.50	AVG	no limit

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

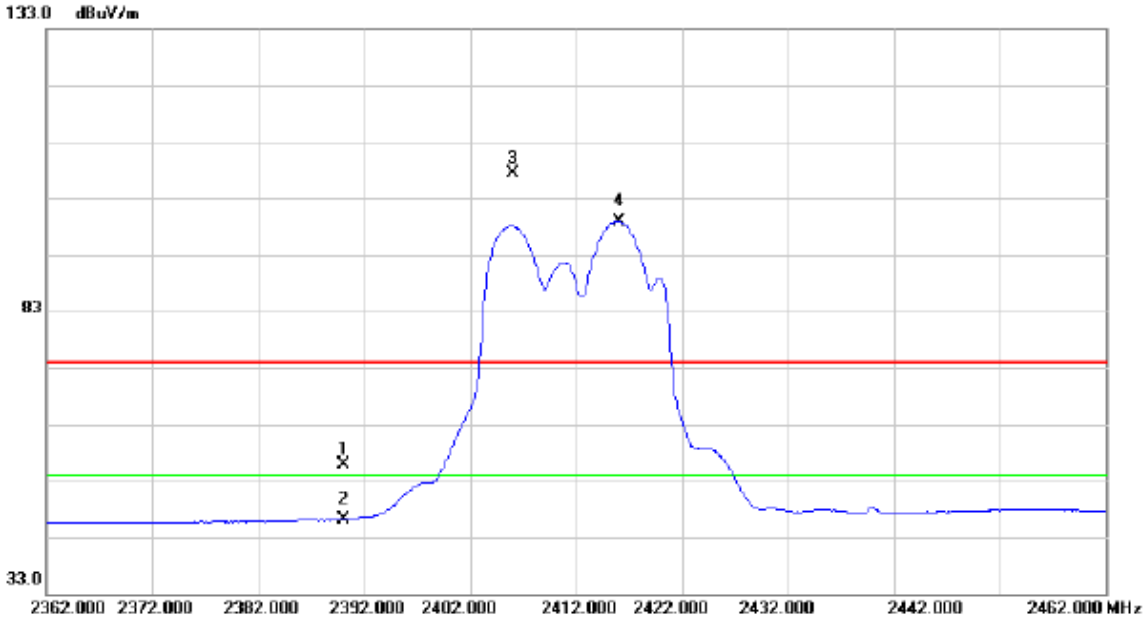
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.150	41.43	-0.07	41.36	74.00	-32.64	peak	
2	*	4824.150	30.64	-0.07	30.57	54.00	-23.43	AVG	

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

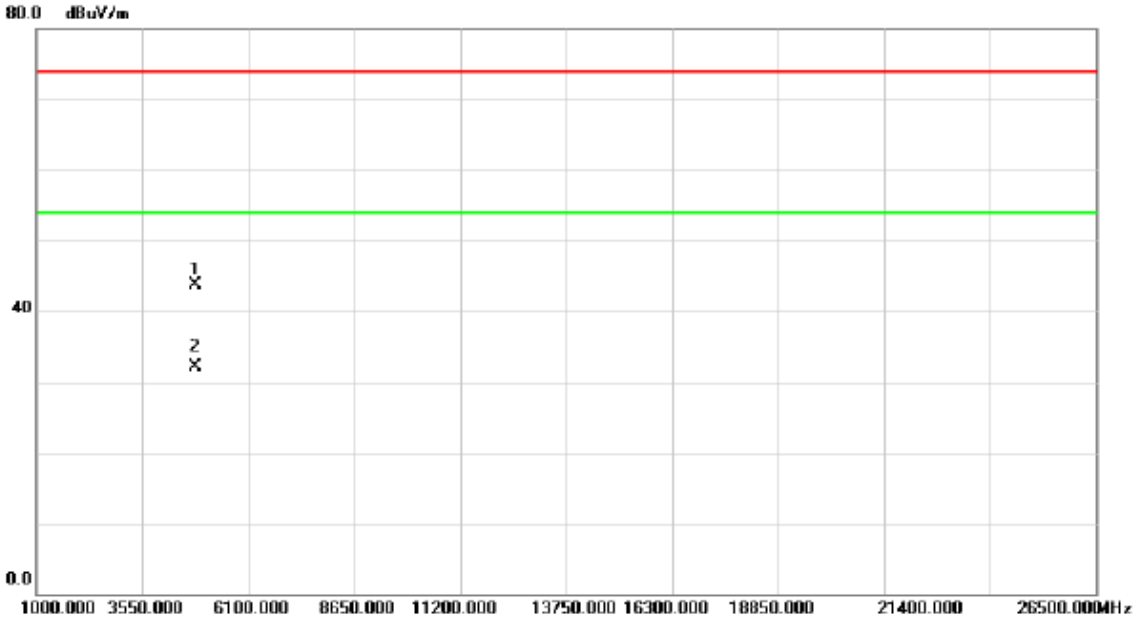
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.11	31.88	55.99	74.00	-18.01	peak	
2		2390.000	14.32	31.88	46.20	54.00	-7.80	AVG	
3	X	2406.000	75.43	31.90	107.33	74.00	33.33	peak	no limit
4	*	2416.000	66.98	31.91	98.89	54.00	44.89	AVG	no limit

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

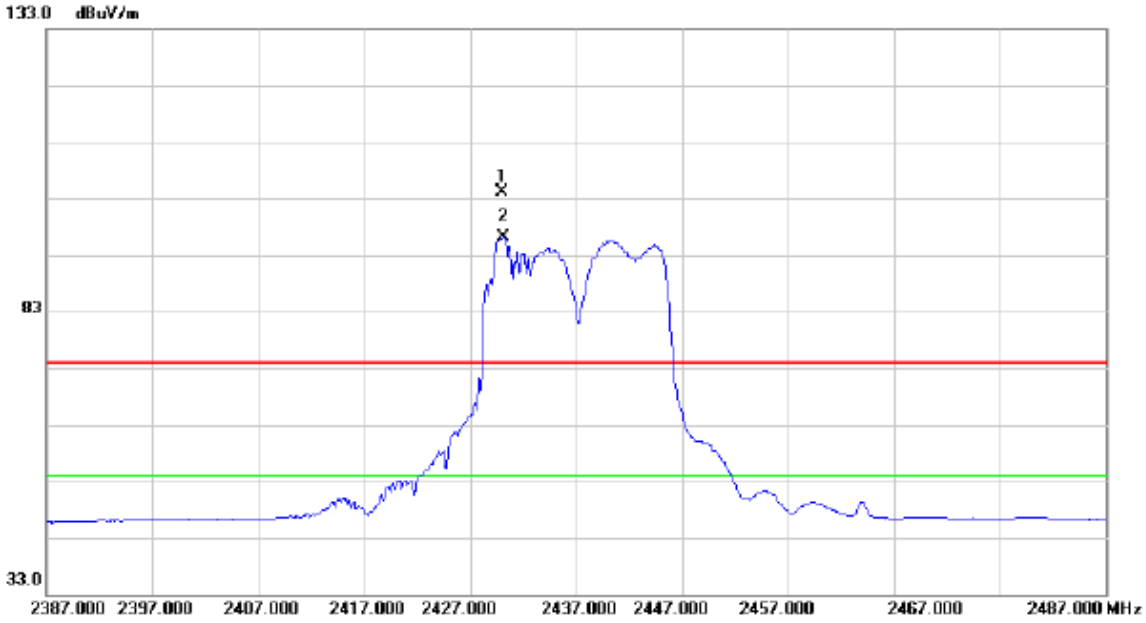
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.060	40.14	3.62	43.76	74.00	-30.24	peak	
2	*	4824.060	28.57	3.62	32.19	54.00	-21.81	AVG	

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

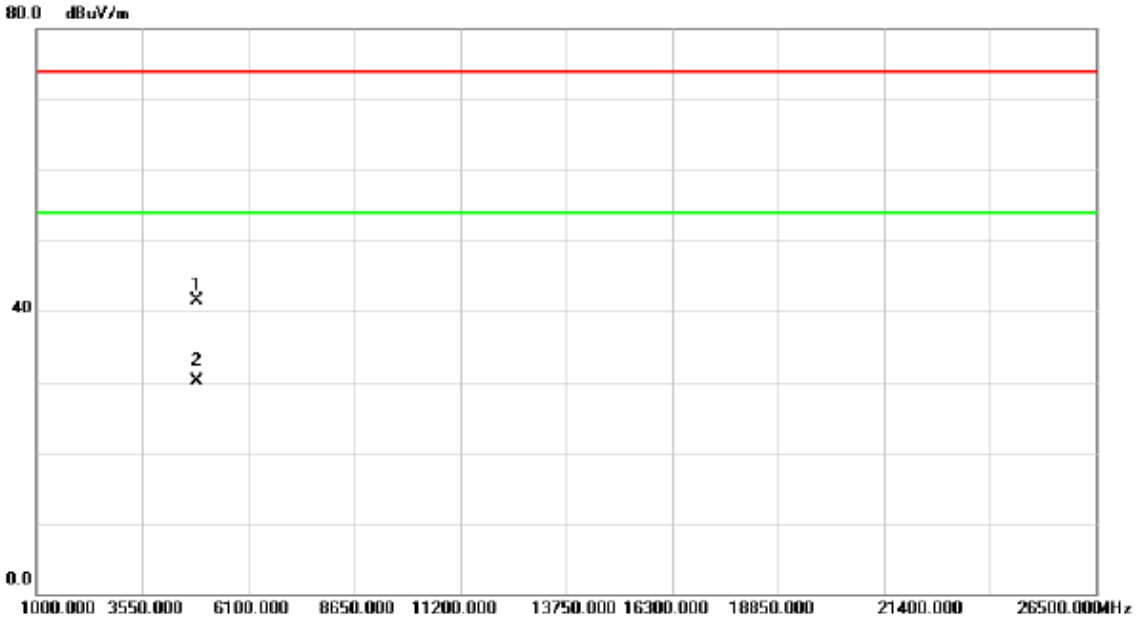
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2430.000	72.14	31.93	104.07	74.00	30.07	peak	no limit
2	*	2430.200	64.16	31.93	96.09	54.00	42.09	AVG	no limit

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

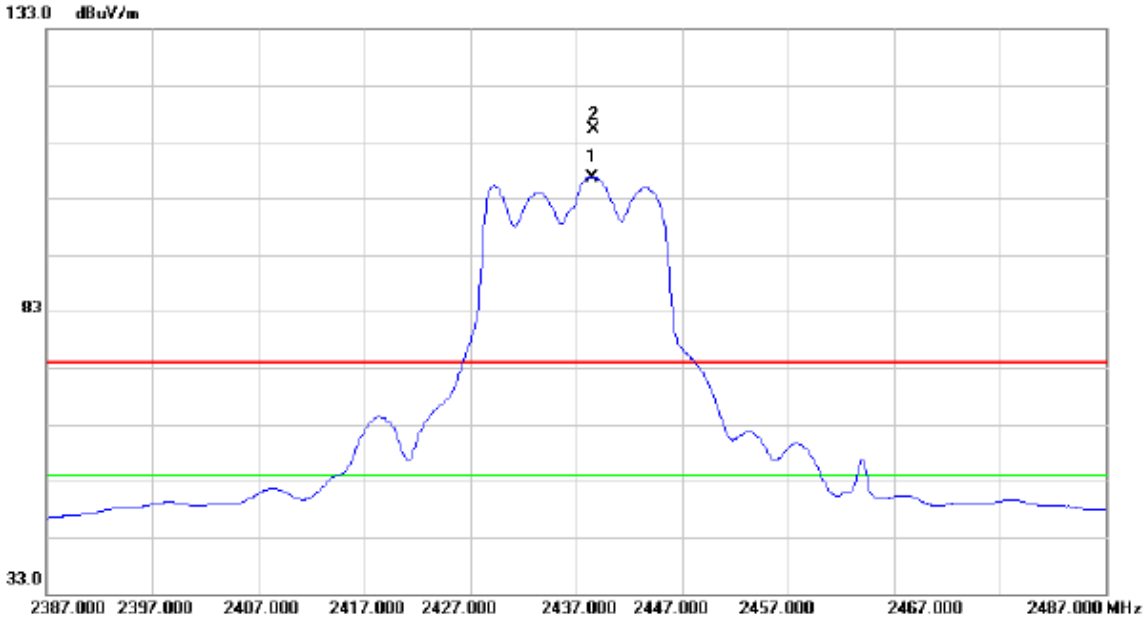
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.510	41.51	0.05	41.56	74.00	-32.44	peak	
2	*	4874.510	30.01	0.05	30.06	54.00	-23.94	AVG	

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

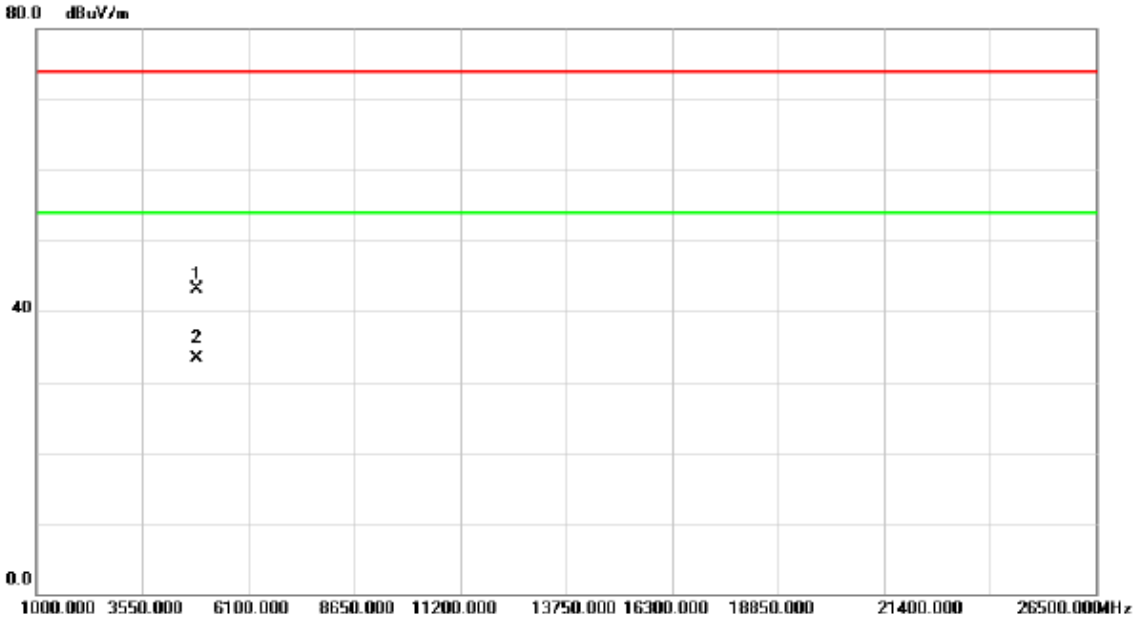
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2438.500	74.81	31.94	106.75	54.00	52.75	AVG	no limit
2	X	2438.700	83.30	31.94	115.24	74.00	41.24	peak	no limit

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

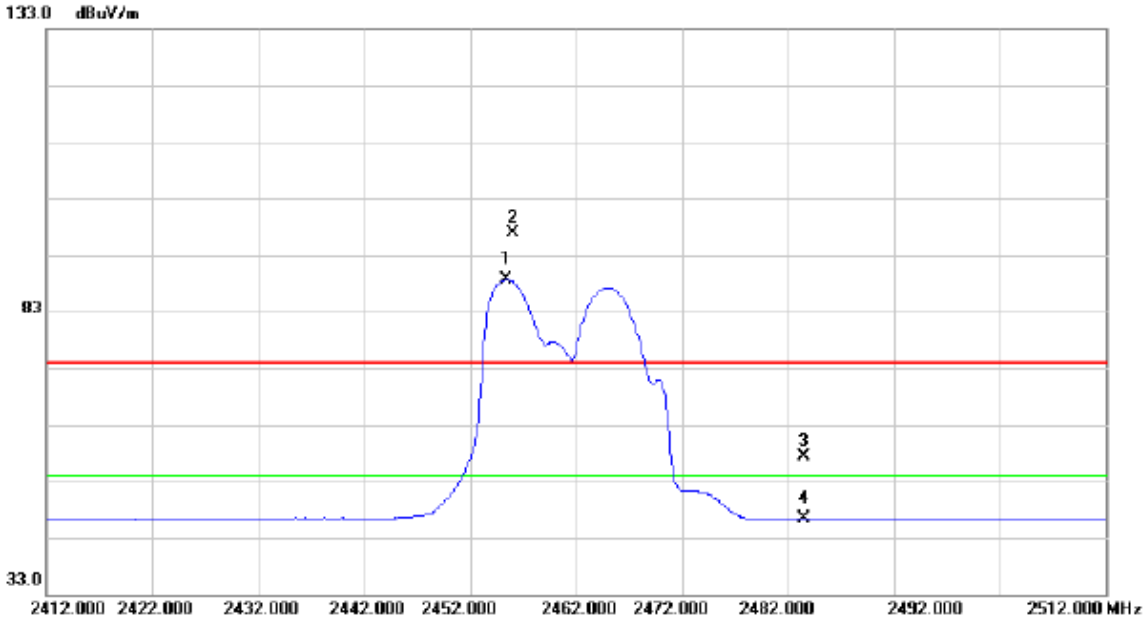
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.150	39.44	3.72	43.16	74.00	-30.84	peak	
2	*	4874.150	29.52	3.72	33.24	54.00	-20.76	AVG	

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

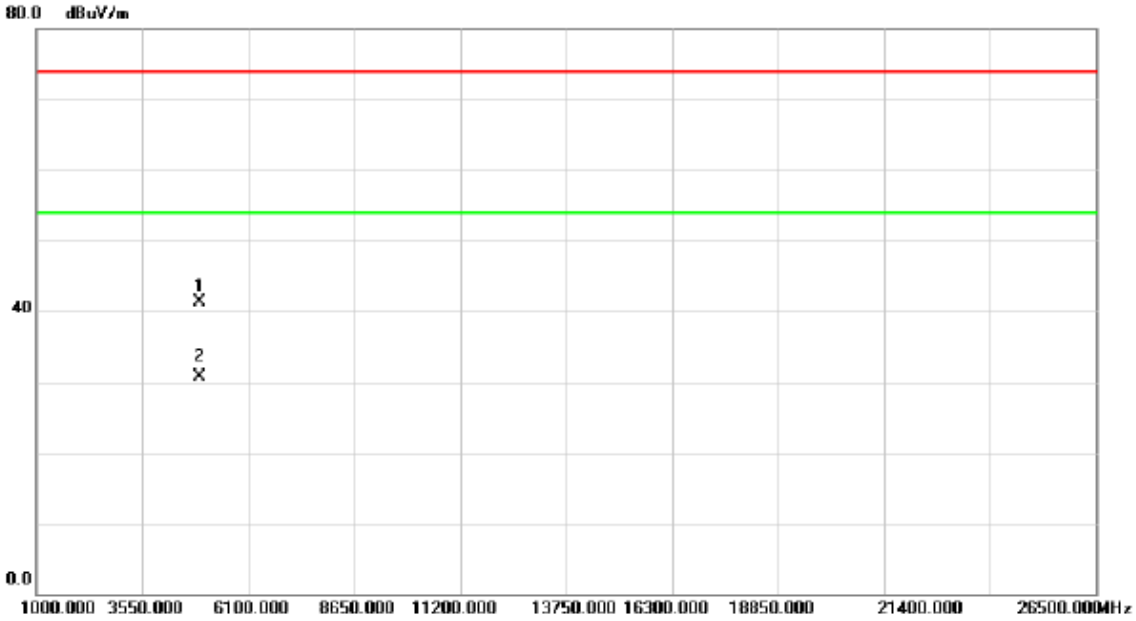
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2455.400	56.63	31.96	88.59	54.00	34.59	AVG	no limit
2	X	2456.100	64.95	31.96	96.91	74.00	22.91	peak	no limit
3		2483.500	25.34	32.01	57.35	74.00	-16.65	peak	
4		2483.500	14.35	32.01	46.36	54.00	-7.64	AVG	

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

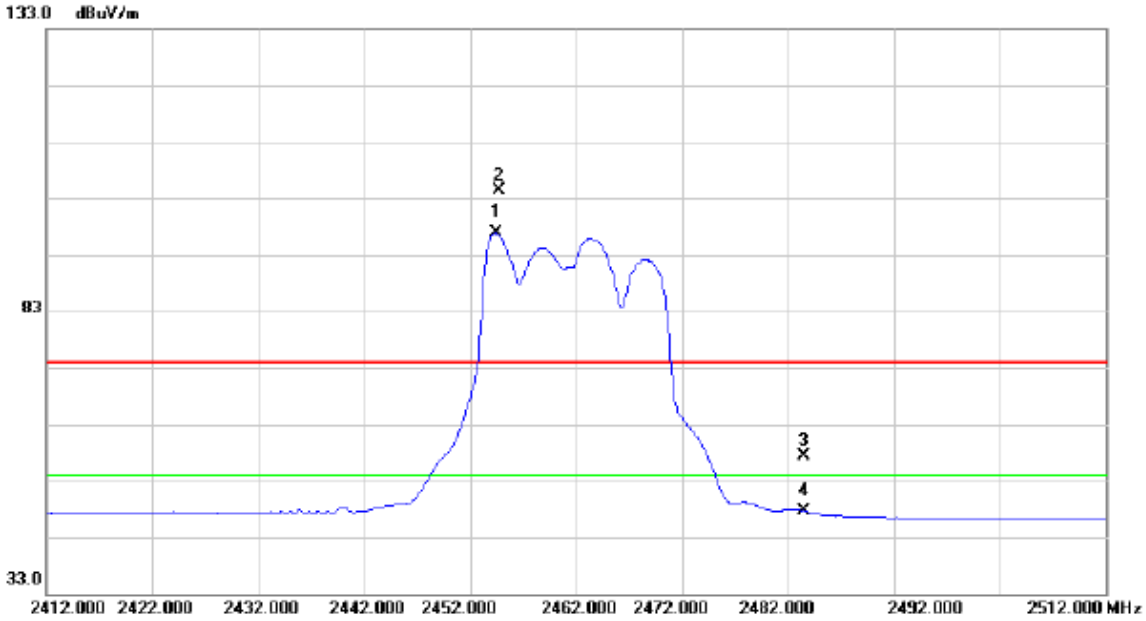
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4923.890	41.19	0.17	41.36	74.00	-32.64	peak	
2	*	4923.890	30.46	0.17	30.63	54.00	-23.37	AVG	

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

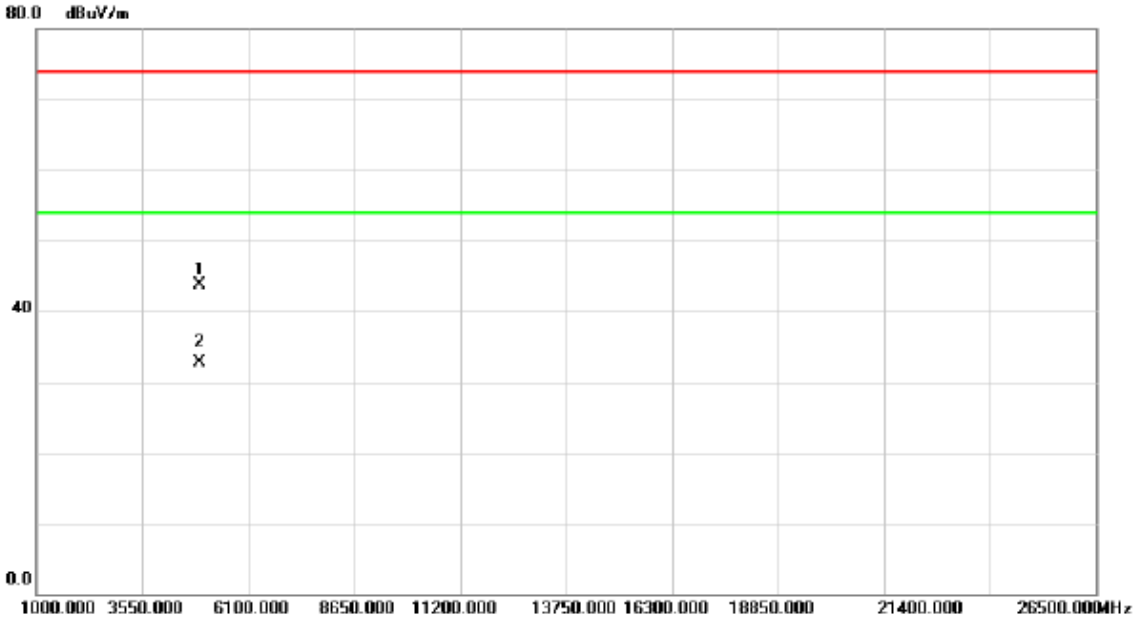
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2454.400	64.81	31.96	96.77	54.00	42.77	AVG	no limit
2	X	2454.700	72.44	31.96	104.40	74.00	30.40	peak	no limit
3		2483.500	25.34	32.01	57.35	74.00	-16.65	peak	
4		2483.500	15.69	32.01	47.70	54.00	-6.30	AVG	

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

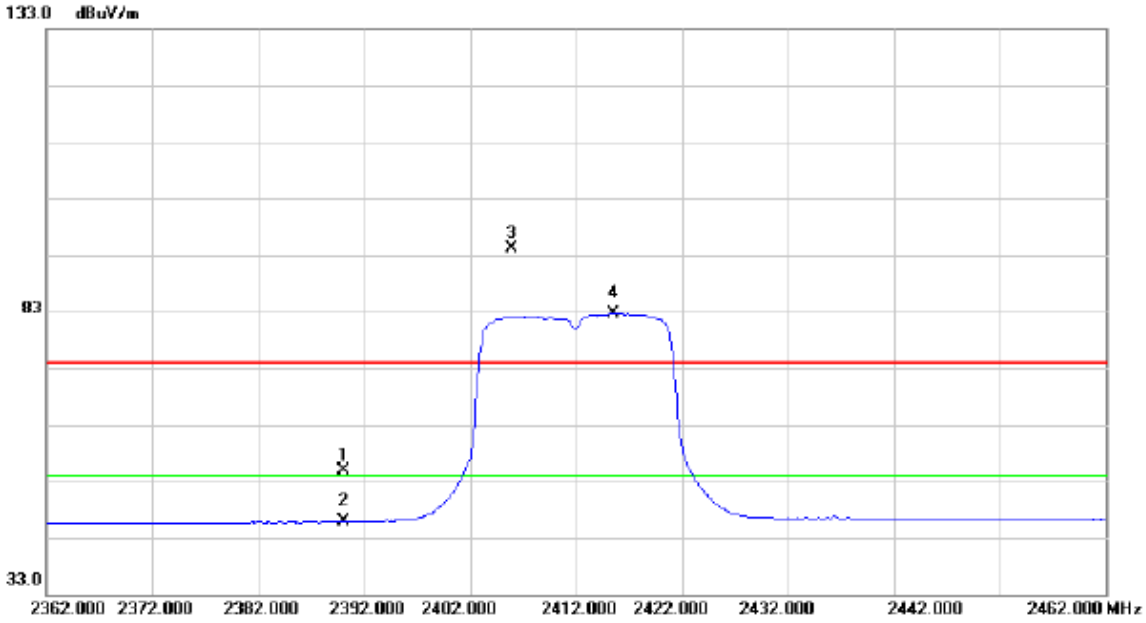
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.530	39.91	3.80	43.71	74.00	-30.29	peak	
2	*	4924.530	28.89	3.80	32.69	54.00	-21.31	AVG	

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

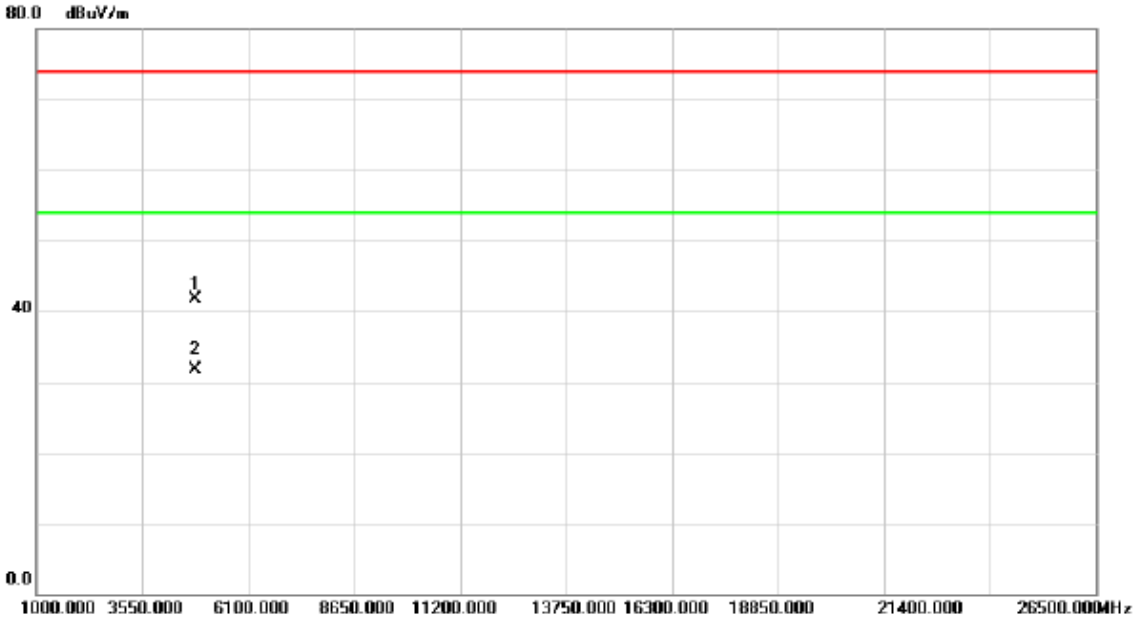
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.01	31.88	54.89	74.00	-19.11	peak	
2		2390.000	13.97	31.88	45.85	54.00	-8.15	AVG	
3	X	2405.900	62.17	31.90	94.07	74.00	20.07	peak	no limit
4	*	2415.500	50.79	31.91	82.70	54.00	28.70	AVG	no limit

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

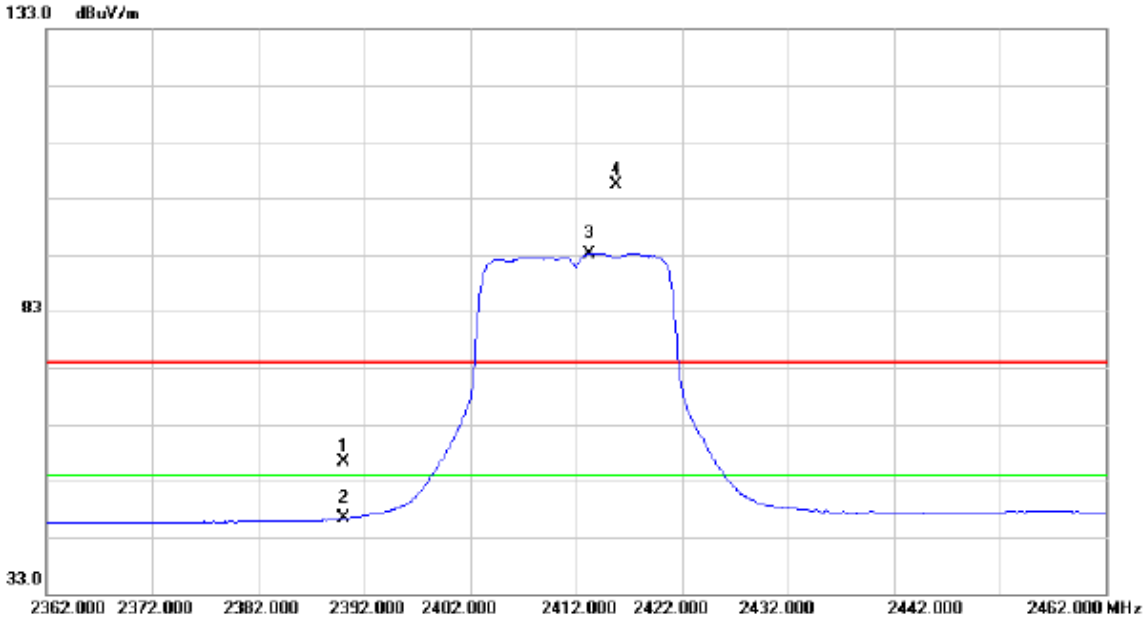
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.670	41.81	-0.07	41.74	74.00	-32.26	peak	
2	*	4823.670	31.76	-0.07	31.69	54.00	-22.31	AVG	

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

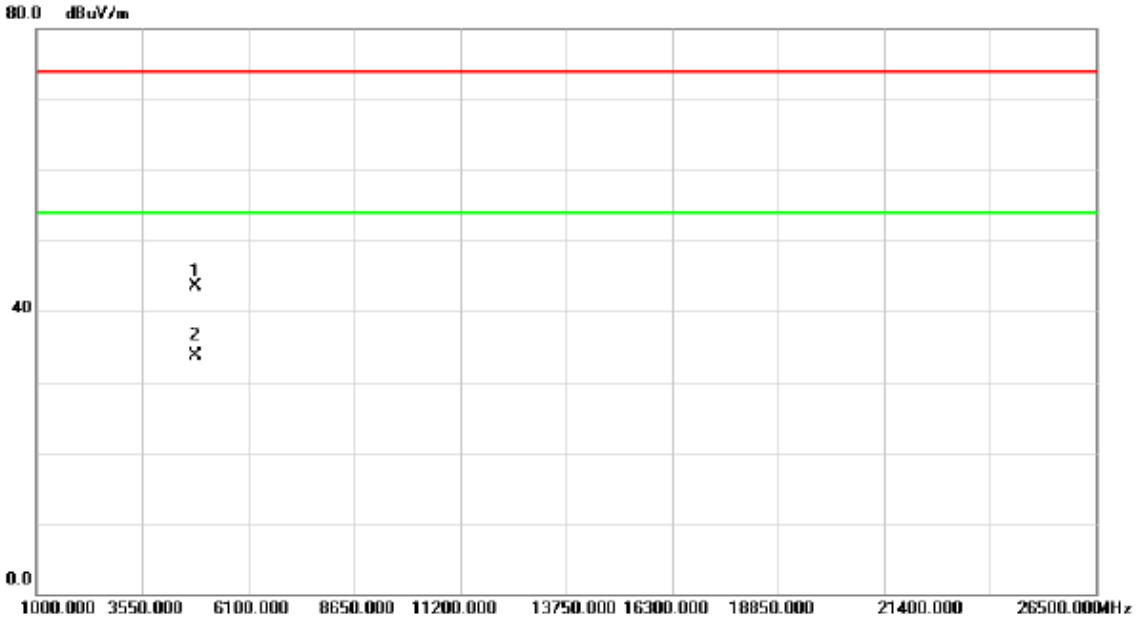
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.62	31.88	56.50	74.00	-17.50	peak	
2		2390.000	14.45	31.88	46.33	54.00	-7.67	AVG	
3	*	2413.300	61.25	31.91	93.16	54.00	39.16	AVG	no limit
4	X	2415.800	73.45	31.91	105.36	74.00	31.36	peak	no limit

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

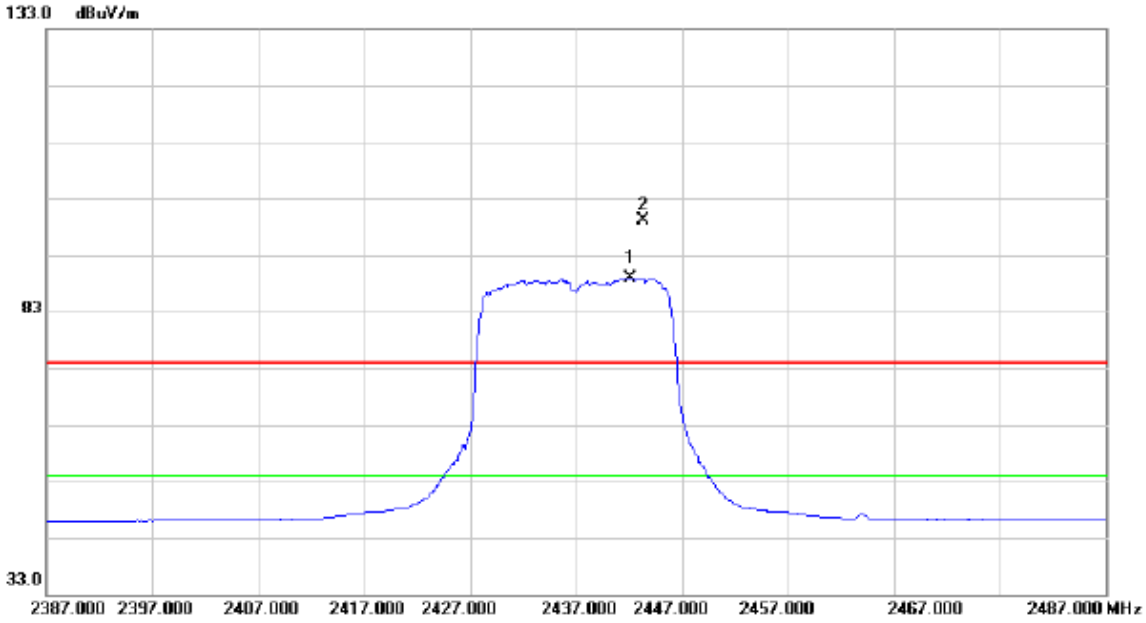
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.060	39.92	3.62	43.54	74.00	-30.46	peak	
2	*	4824.060	30.07	3.62	33.69	54.00	-20.31	AVG	

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

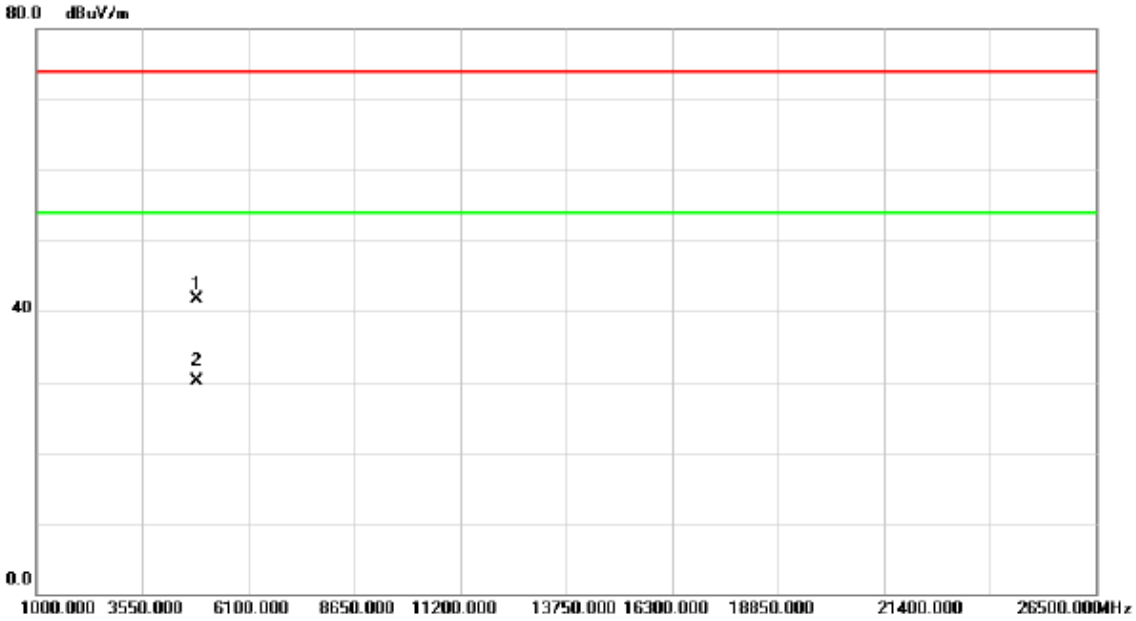
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2442.200	56.91	31.95	88.86	54.00	34.86	AVG	no limit
2	X	2443.300	67.15	31.95	99.10	74.00	25.10	peak	no limit

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

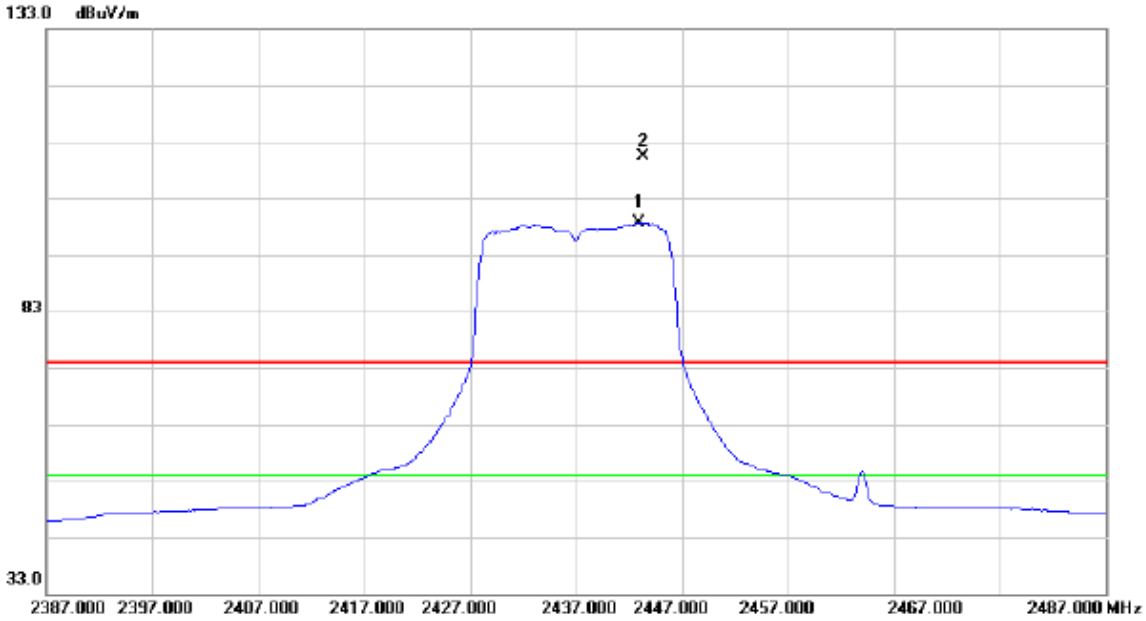
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.130	41.60	0.05	41.65	74.00	-32.35	peak	
2	*	4874.130	30.07	0.05	30.12	54.00	-23.88	AVG	

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

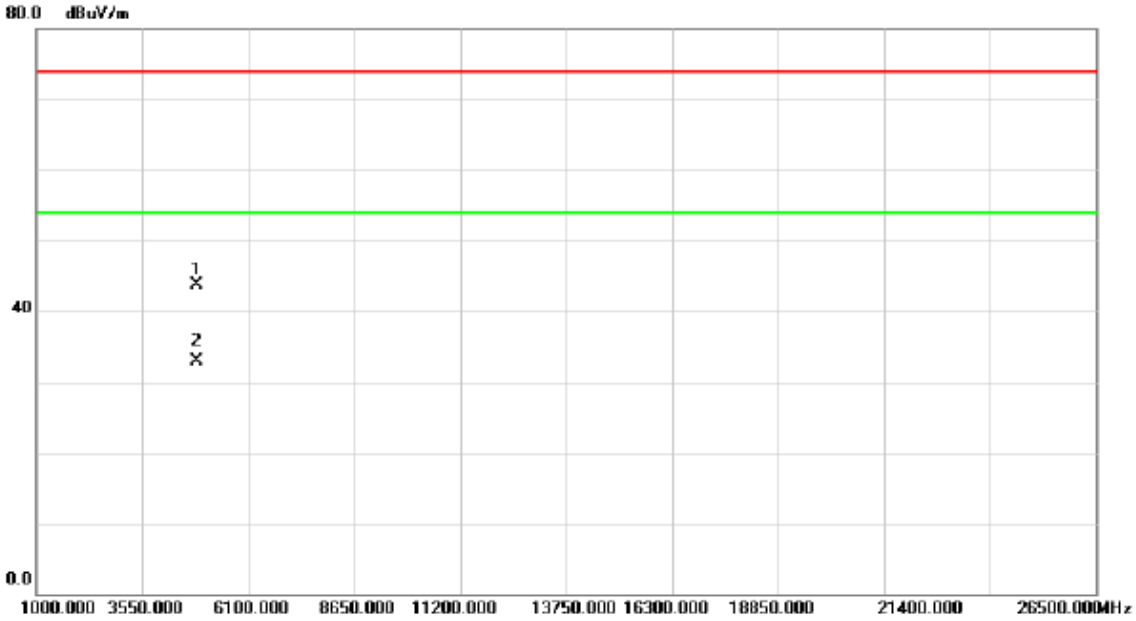
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2442.900	66.76	31.95	98.71	54.00	44.71	AVG	no limit
2	X	2443.300	78.36	31.95	110.31	74.00	36.31	peak	no limit

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

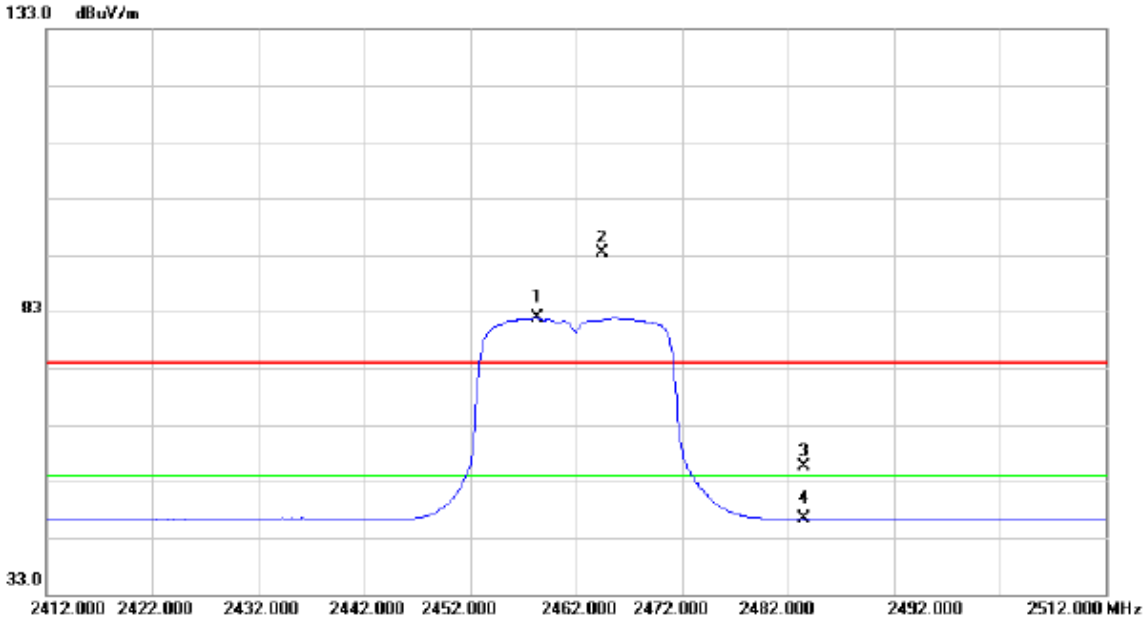
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.690	40.03	3.72	43.75	74.00	-30.25	peak	
2	*	4874.690	29.26	3.72	32.98	54.00	-21.02	AVG	

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

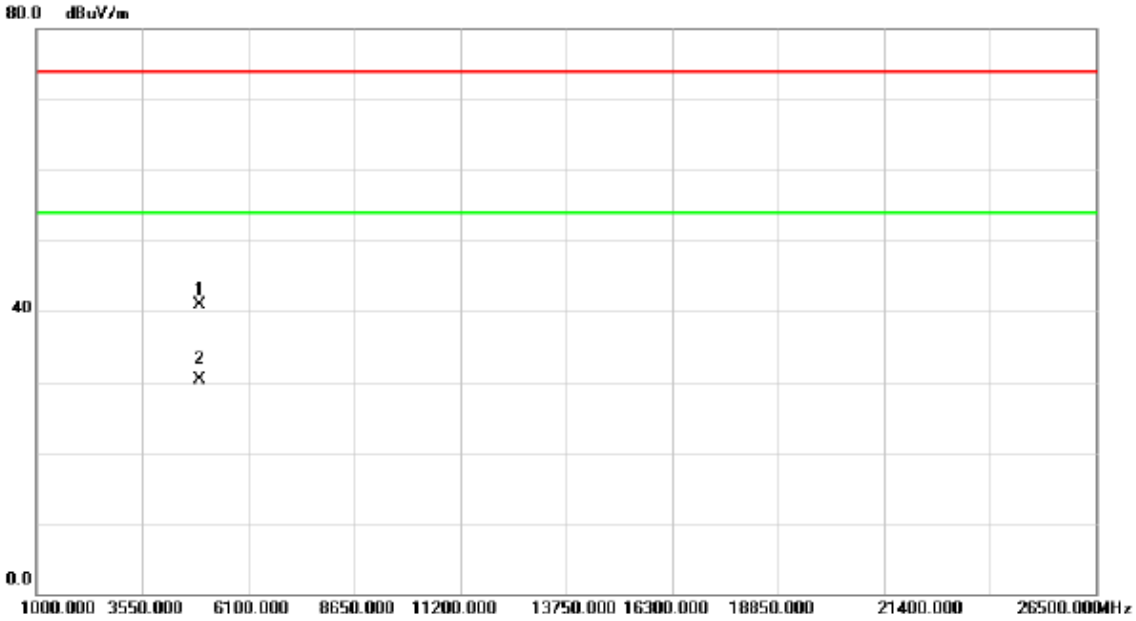
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2458.300	49.86	31.98	81.84	54.00	27.84	AVG	no limit
2	X	2464.400	61.34	31.98	93.32	74.00	19.32	peak	no limit
3		2483.500	23.55	32.01	55.56	74.00	-18.44	peak	
4		2483.500	14.25	32.01	46.26	54.00	-7.74	AVG	

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

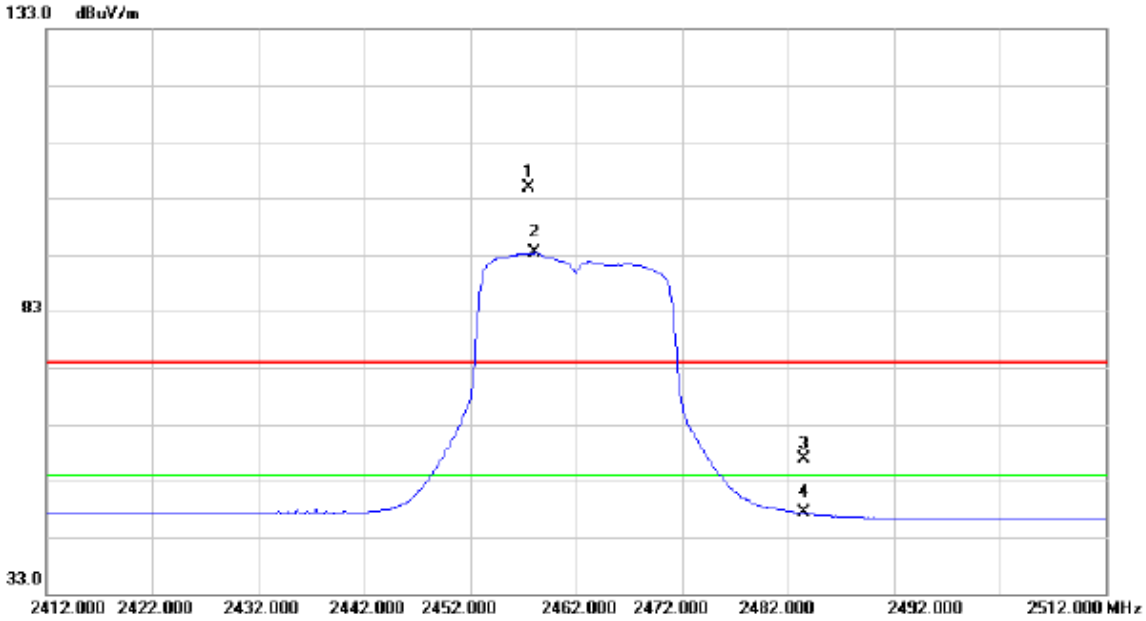
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.980	40.79	0.17	40.96	74.00	-33.04	peak	
2	*	4924.980	30.08	0.17	30.25	54.00	-23.75	AVG	

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

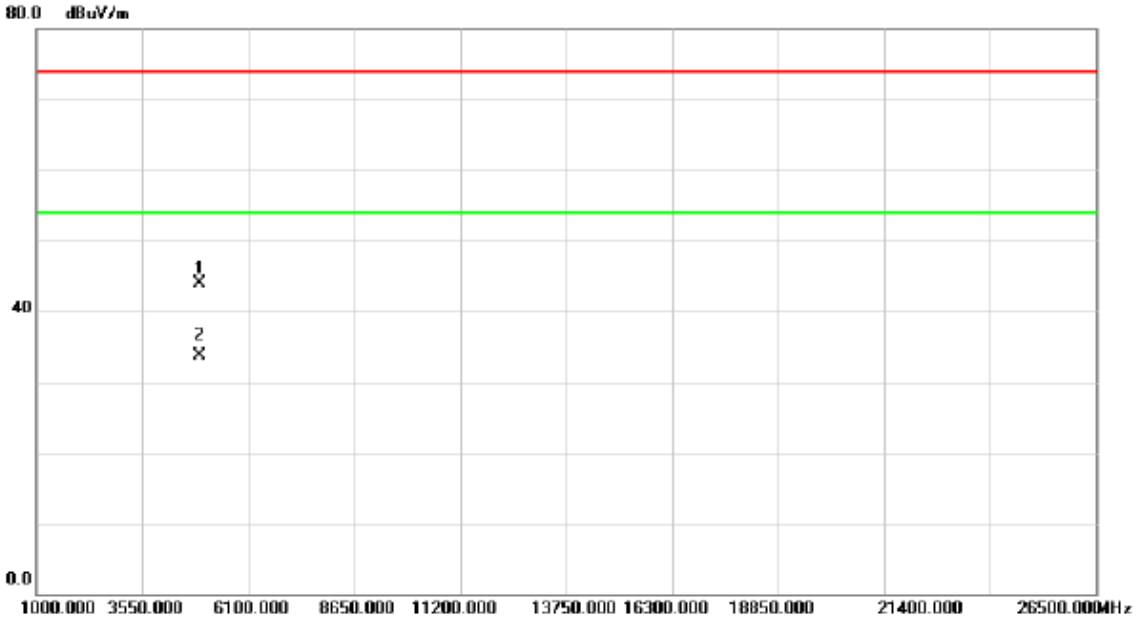
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2457.500	72.89	31.98	104.87	74.00	30.87	peak	no limit
2	*	2458.100	61.31	31.98	93.29	54.00	39.29	AVG	no limit
3		2483.500	24.86	32.01	56.87	74.00	-17.13	peak	
4		2483.500	15.28	32.01	47.29	54.00	-6.71	AVG	

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

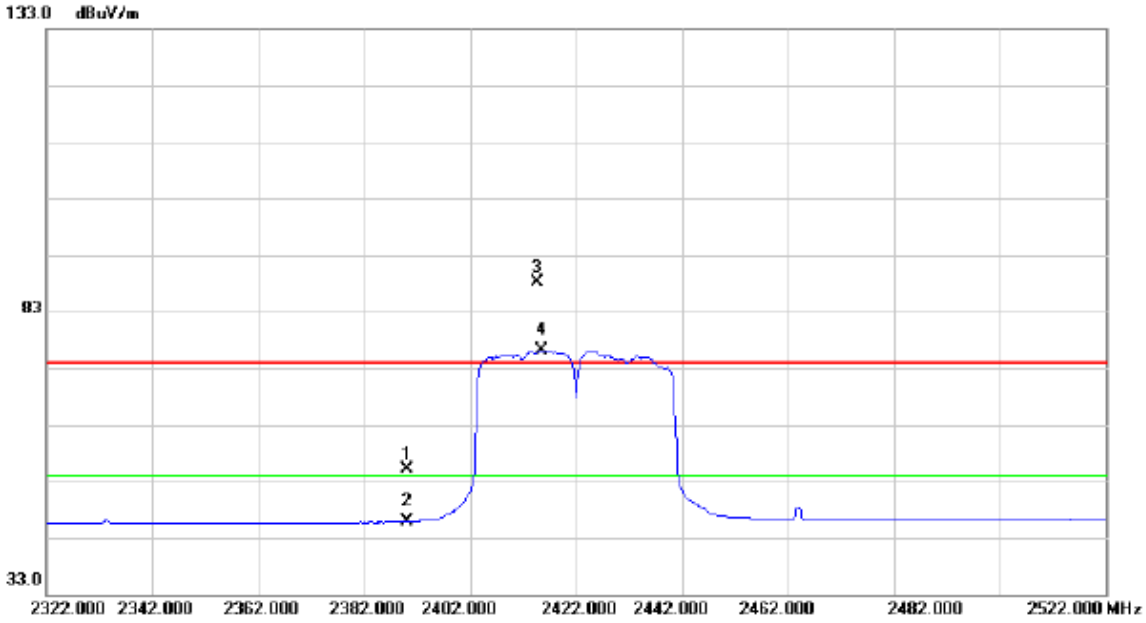
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.360	40.05	3.80	43.85	74.00	-30.15	peak	
2	*	4924.360	29.83	3.80	33.63	54.00	-20.37	AVG	

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

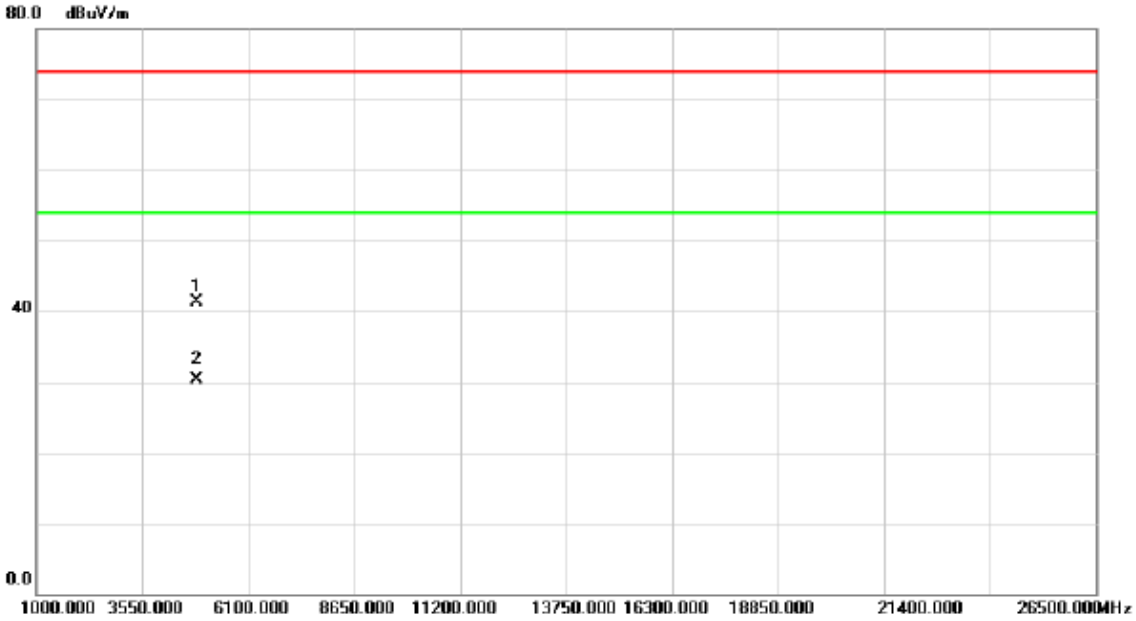
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.15	31.88	55.03	74.00	-18.97	peak	
2		2390.000	14.00	31.88	45.88	54.00	-8.12	AVG	
3	X	2414.600	56.22	31.91	88.13	74.00	14.13	peak	no limit
4	*	2415.600	44.34	31.91	76.25	54.00	22.25	AVG	no limit

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

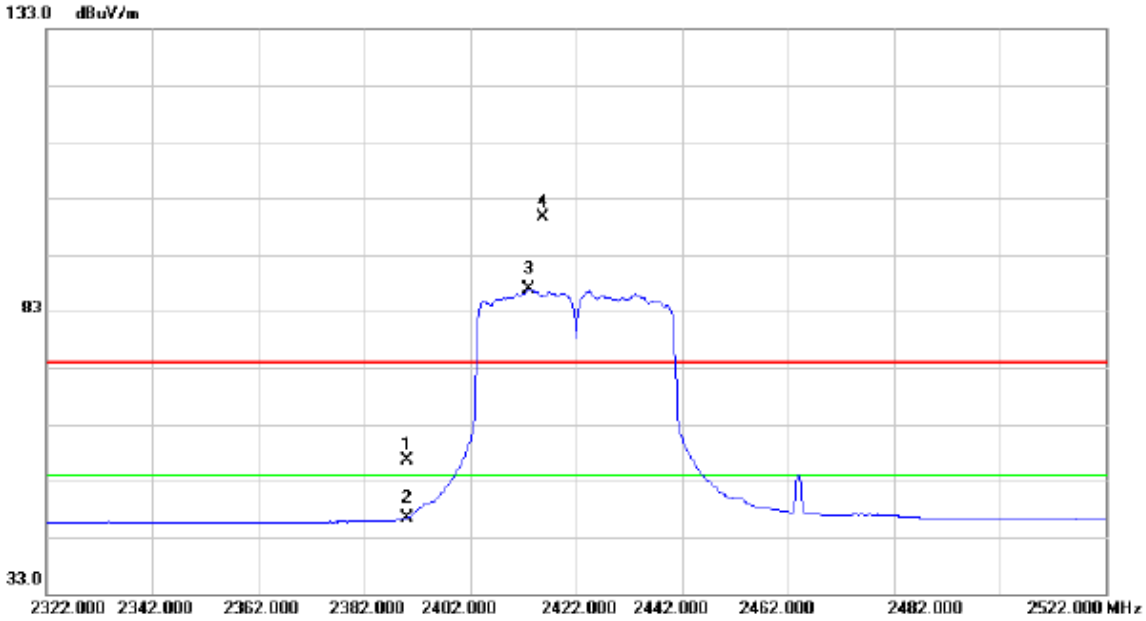
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4843.590	41.38	-0.03	41.35	74.00	-32.65	peak	
2	*	4843.590	30.32	-0.03	30.29	54.00	-23.71	AVG	

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

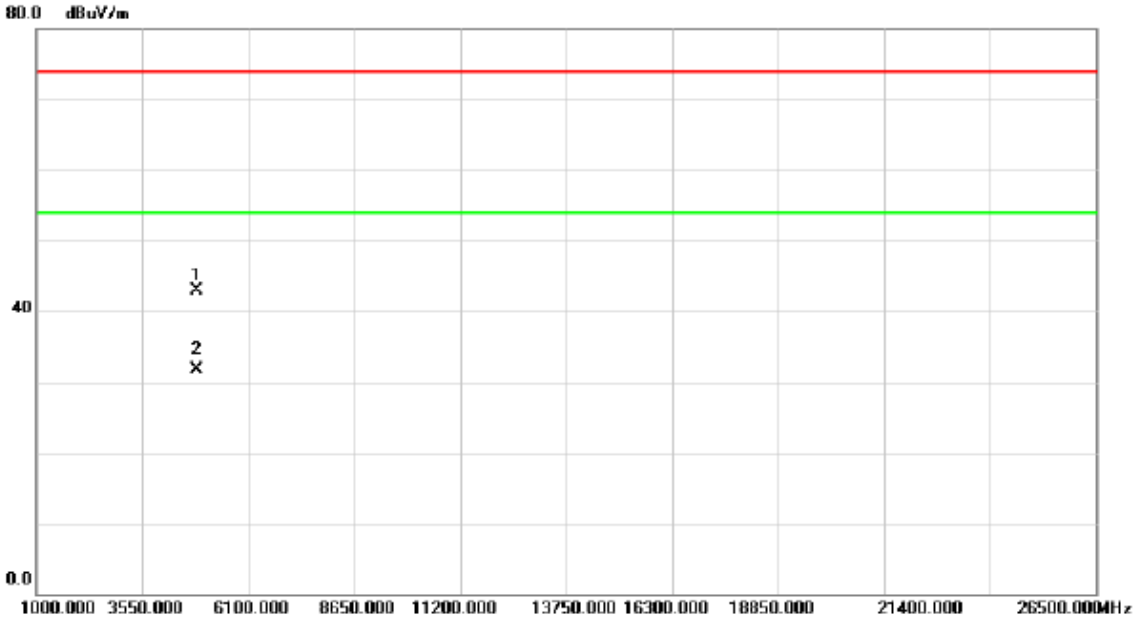
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.69	31.88	56.57	74.00	-17.43	peak	
2		2390.000	14.53	31.88	46.41	54.00	-7.59	AVG	
3	*	2413.200	55.04	31.91	86.95	54.00	32.95	AVG	no limit
4	X	2415.800	67.77	31.91	99.68	74.00	25.68	peak	no limit

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

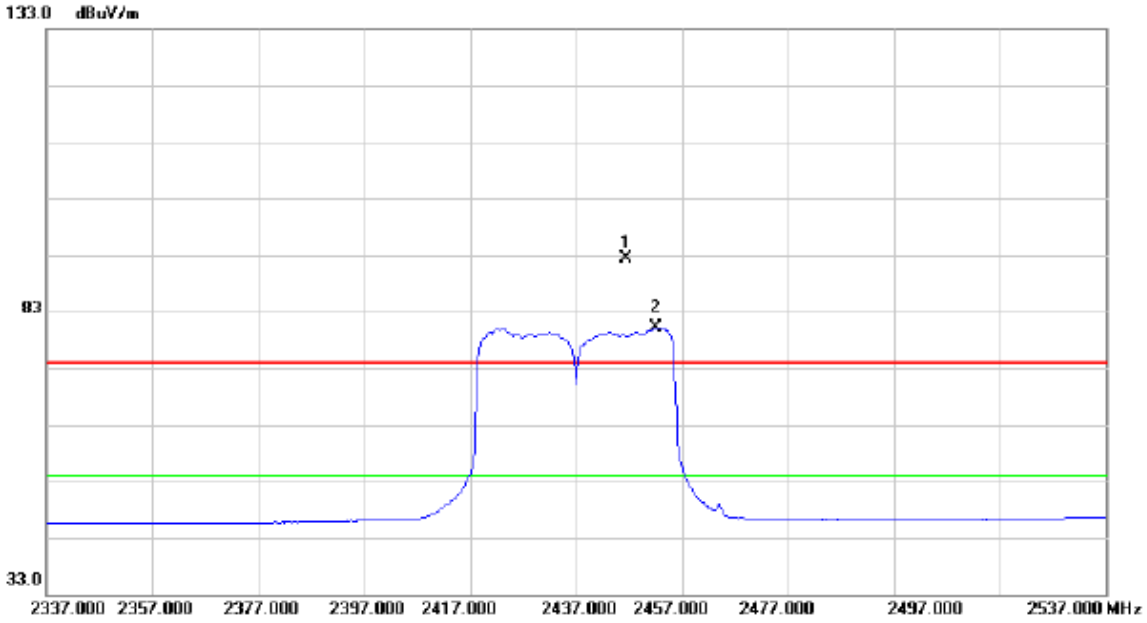
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.150	39.31	3.66	42.97	74.00	-31.03	peak	
2	*	4844.150	28.03	3.66	31.69	54.00	-22.31	AVG	

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

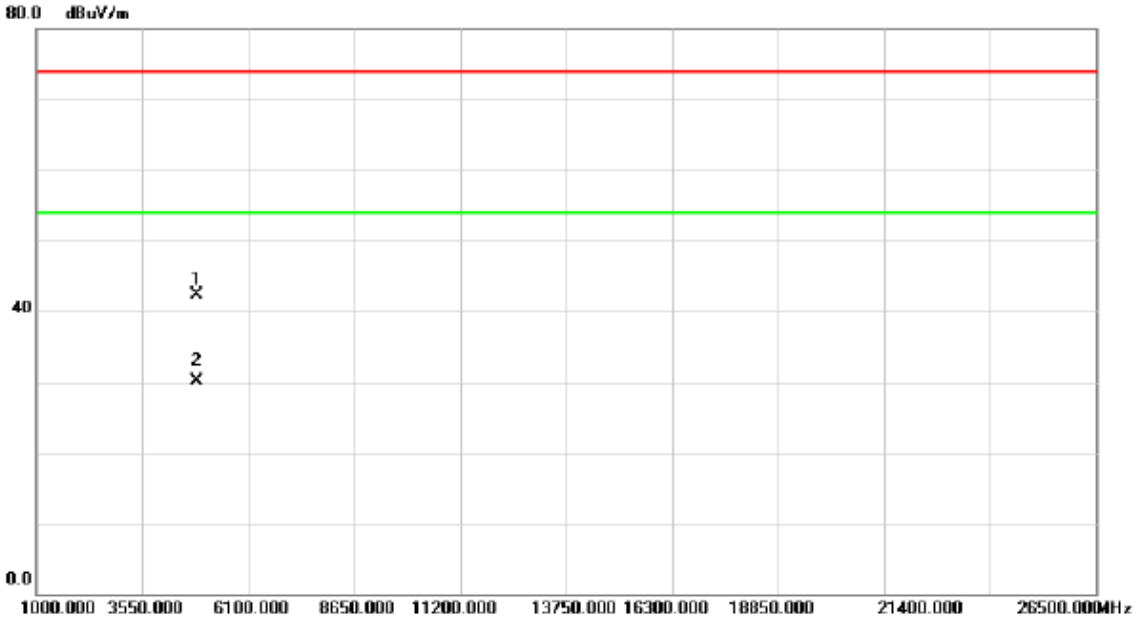
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2446.600	60.37	31.96	92.33	74.00	18.33	peak	no limit
2	*	2452.000	48.29	31.96	80.25	54.00	26.25	AVG	no limit

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

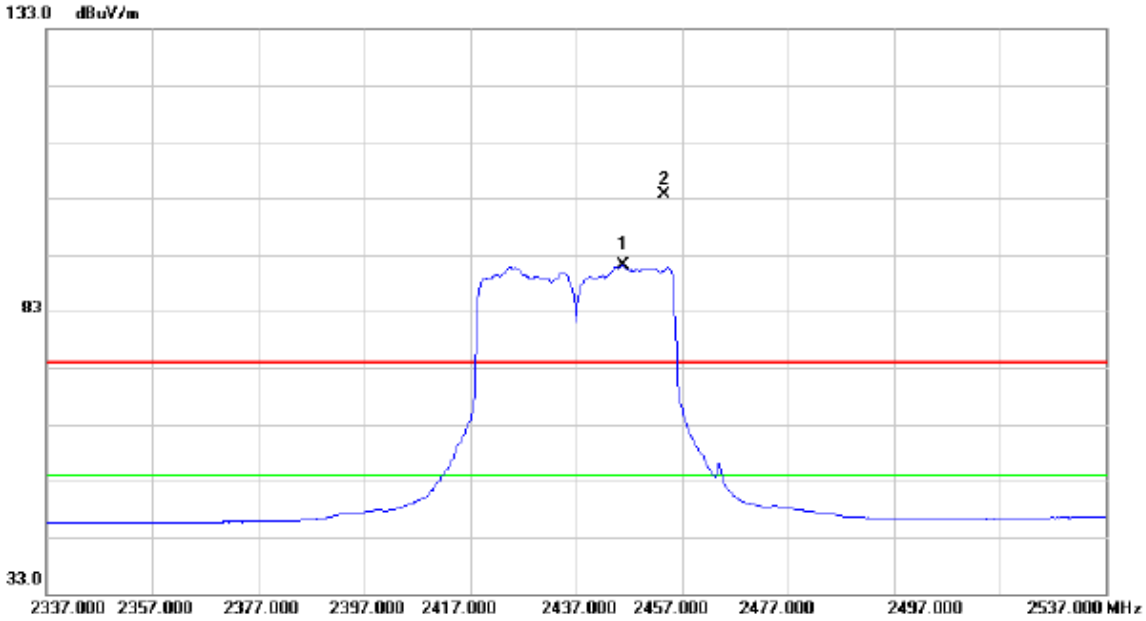
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.550	42.31	0.05	42.36	74.00	-31.64	peak	
2	*	4874.550	30.04	0.05	30.09	54.00	-23.91	AVG	

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

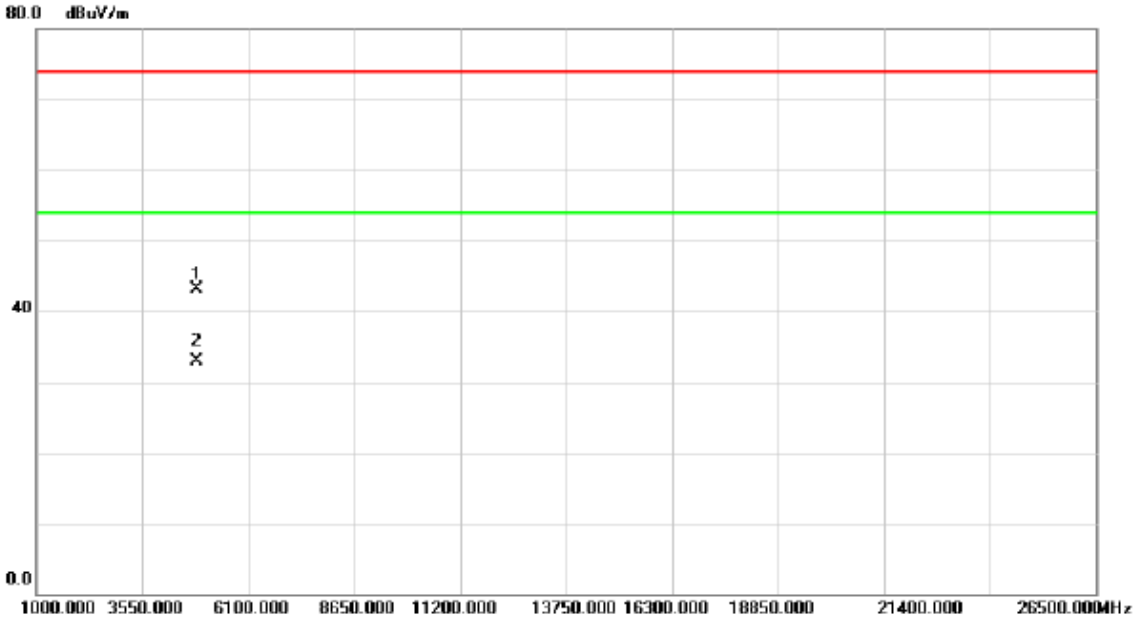
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2445.800	59.19	31.96	91.15	54.00	37.15	AVG	no limit
2	X	2453.600	71.78	31.96	103.74	74.00	29.74	peak	no limit

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

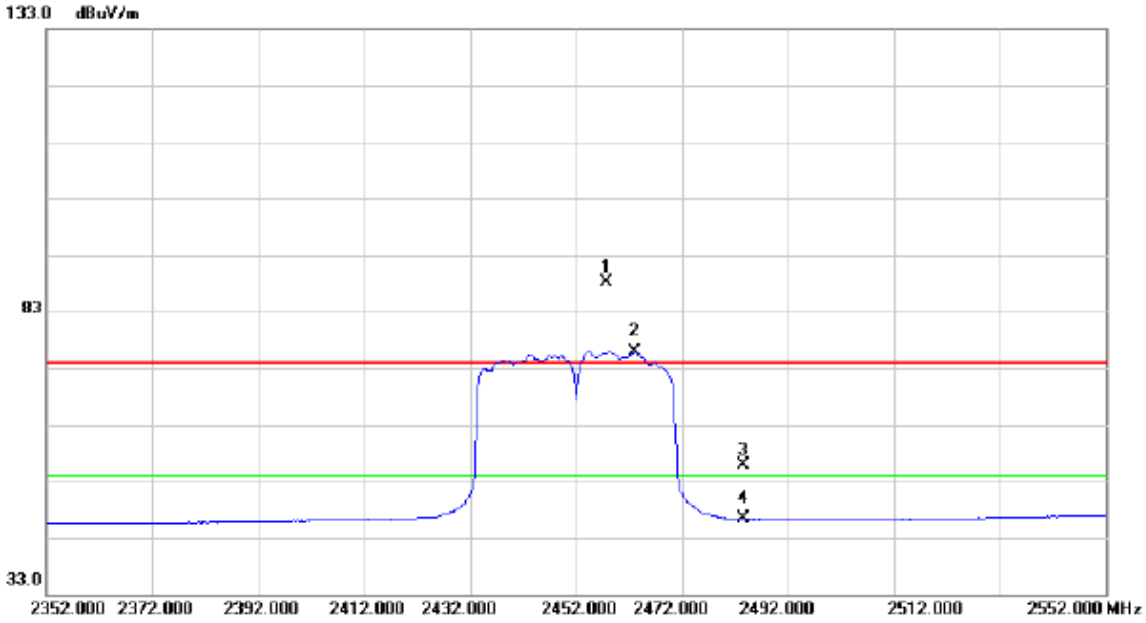
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4875.160	39.46	3.72	43.18	74.00	-30.82	peak	
2	*	4875.160	29.25	3.72	32.97	54.00	-21.03	AVG	

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

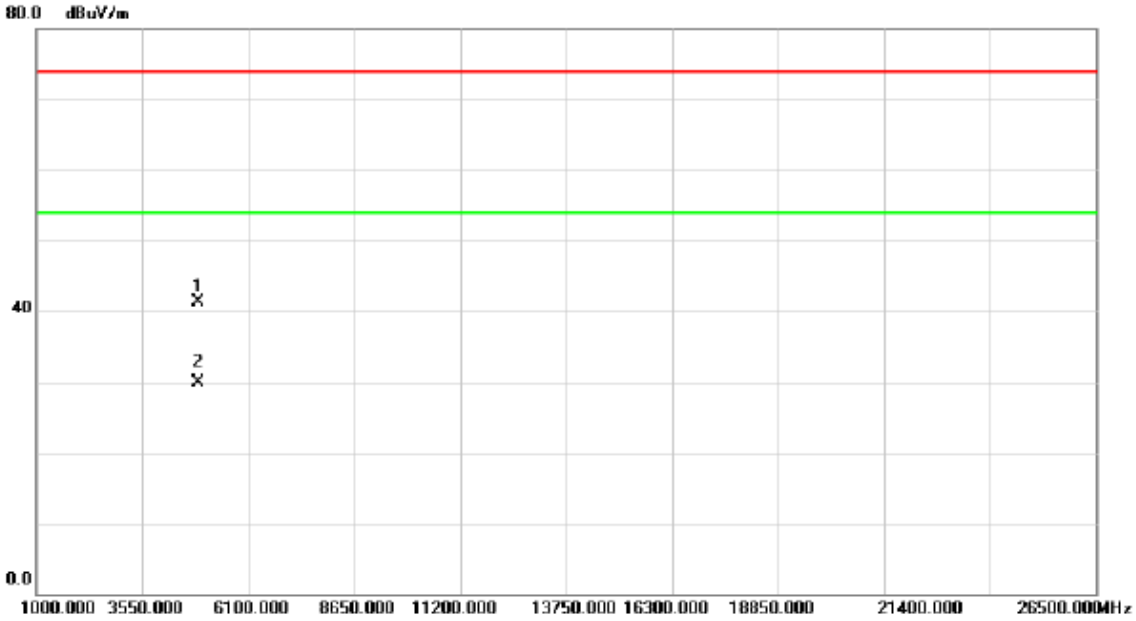
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2457.800	56.03	31.98	88.01	74.00	14.01	peak	no limit
2	*	2463.200	43.97	31.98	75.95	54.00	21.95	AVG	no limit
3		2483.500	23.89	32.01	55.90	74.00	-18.10	peak	
4		2483.500	14.33	32.01	46.34	54.00	-7.66	AVG	

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

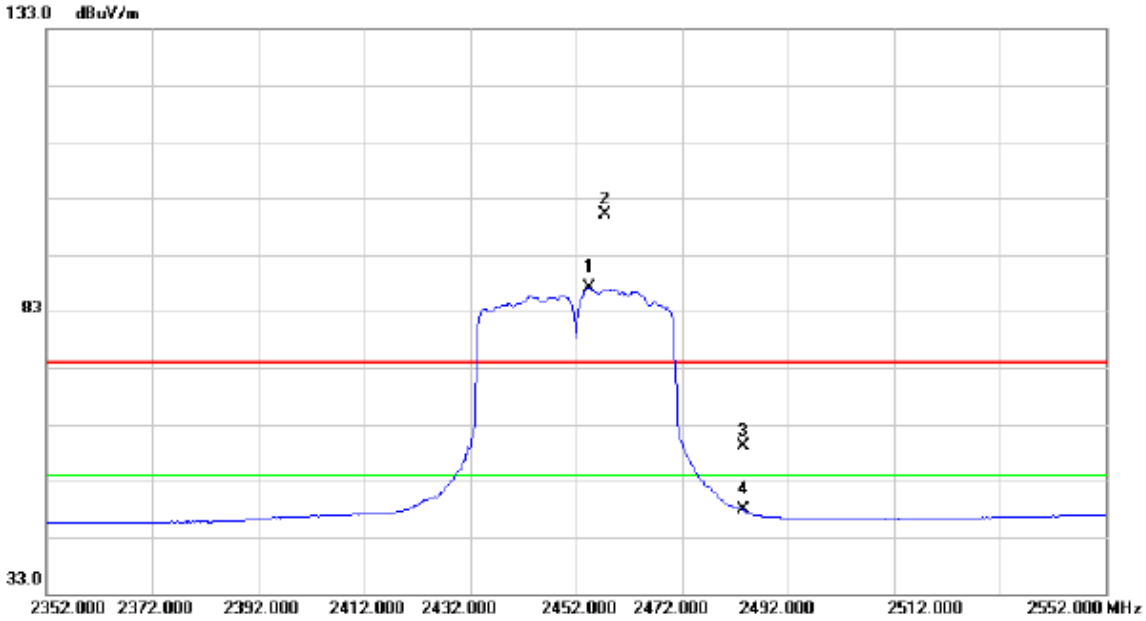
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4905.060	41.24	0.12	41.36	74.00	-32.64	peak	
2	*	4905.060	29.74	0.12	29.86	54.00	-24.14	AVG	

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

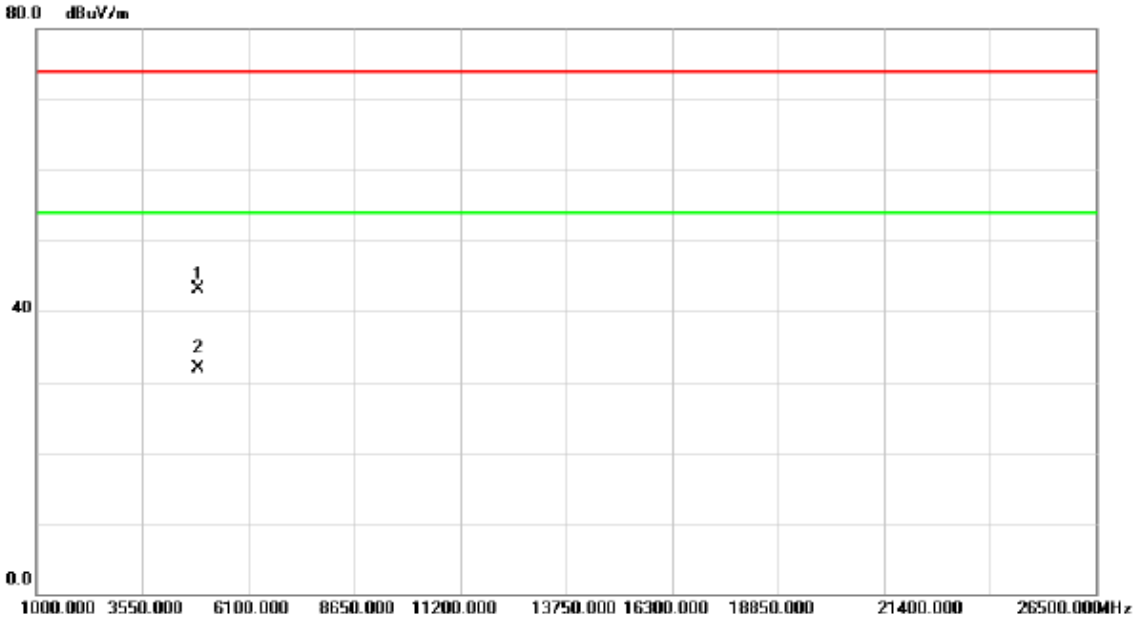
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2454.400	55.26	31.96	87.22	54.00	33.22	AVG	no limit
2	X	2457.600	68.07	31.98	100.05	74.00	26.05	peak	no limit
3		2483.500	27.13	32.01	59.14	74.00	-14.86	peak	
4		2483.500	15.81	32.01	47.82	54.00	-6.18	AVG	

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

Horizontal



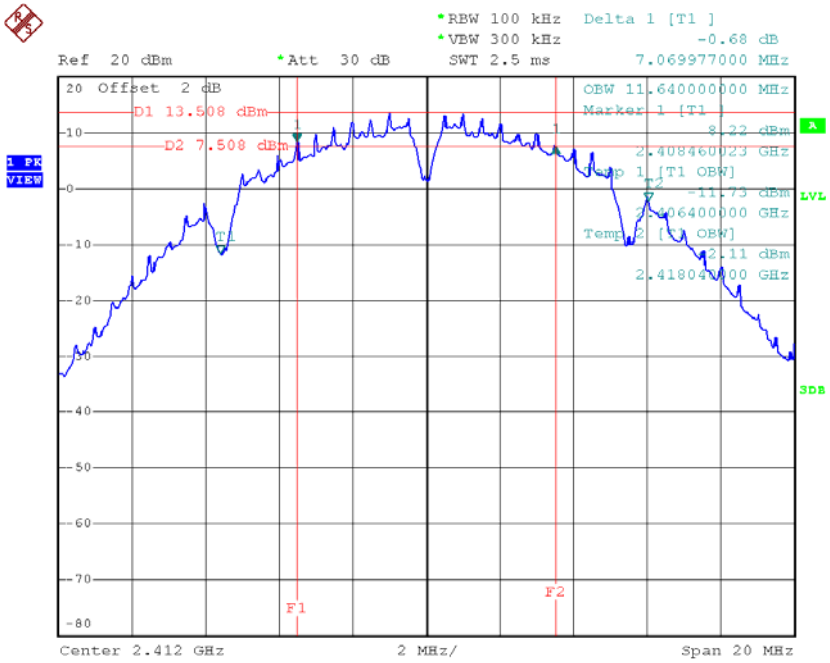
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.920	39.40	3.77	43.17	74.00	-30.83	peak	
2	*	4904.920	28.19	3.77	31.96	54.00	-22.04	AVG	

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

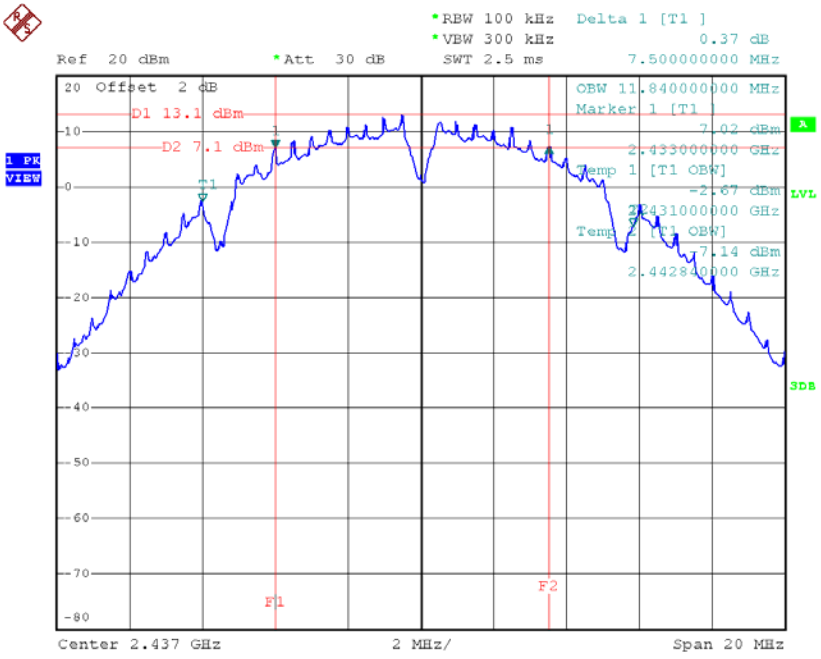
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	7.07	11.64	500	Complies
2437	7.50	11.84	500	Complies
2462	6.64	10.84	500	Complies

TX CH01



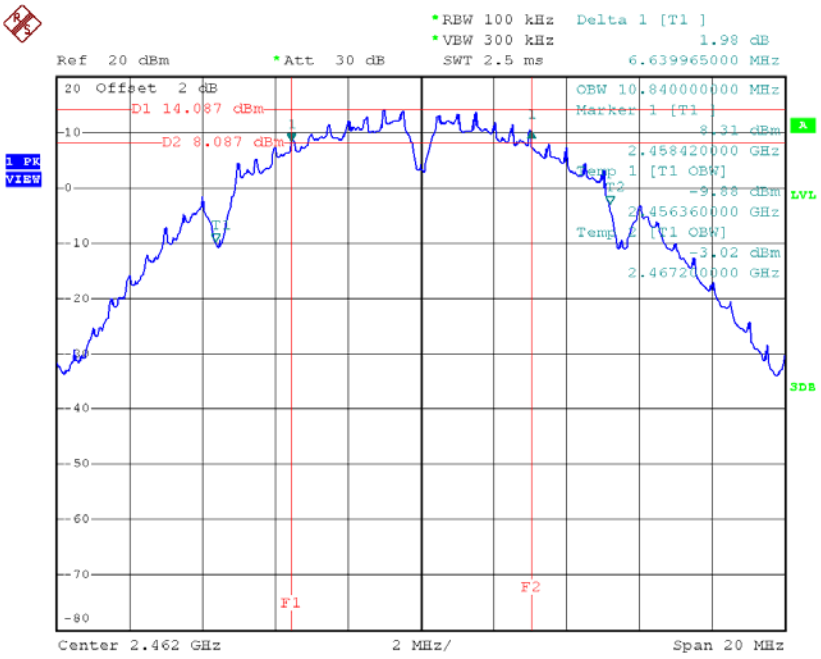
Date: 18.MAR.2015 13:23:08

TX CH06



Date: 18.MAR.2015 13:24:40

TX CH11

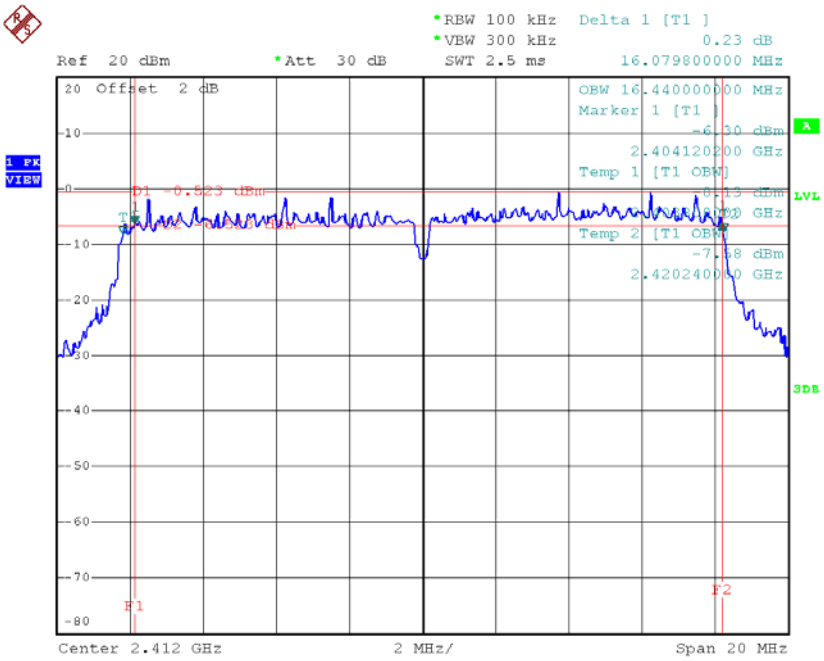


Date: 18.MAR.2015 13:25:42

Test Mode: TX G Mode_CH01/06/11

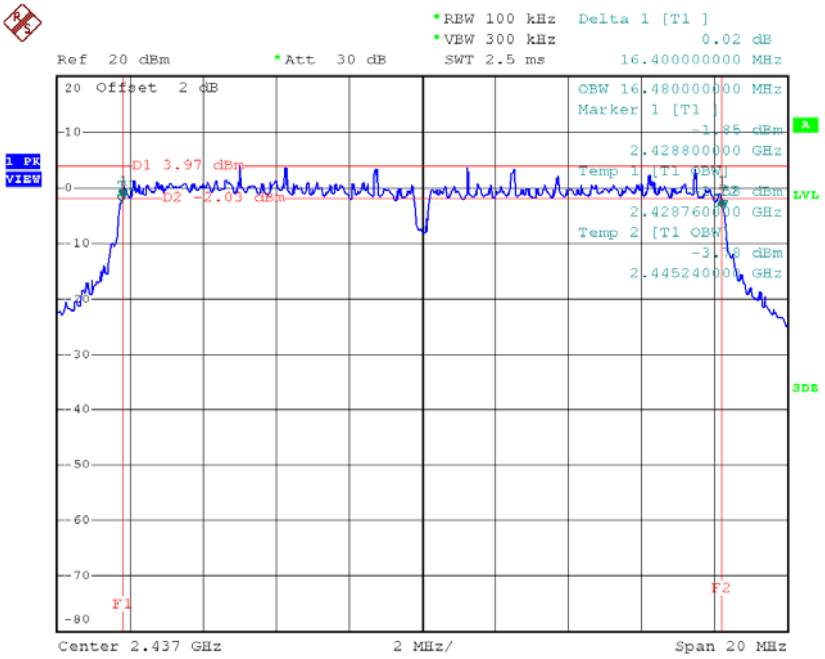
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.08	16.44	500	Complies
2437	16.40	16.48	500	Complies
2462	16.28	16.36	500	Complies

TX CH01



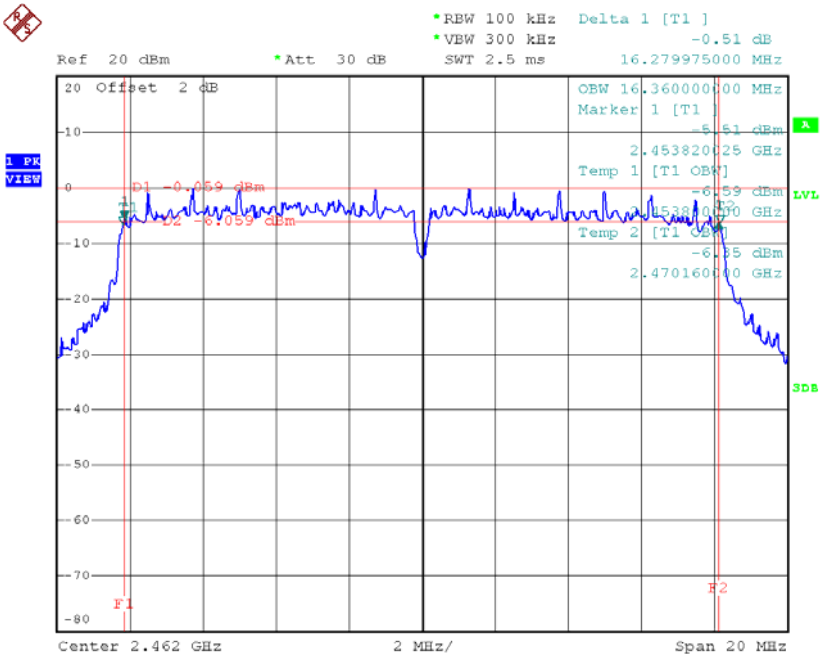
Date: 18.MAR.2015 13:27:14

TX CH06



Date: 18.MAR.2015 13:31:14

TX CH11

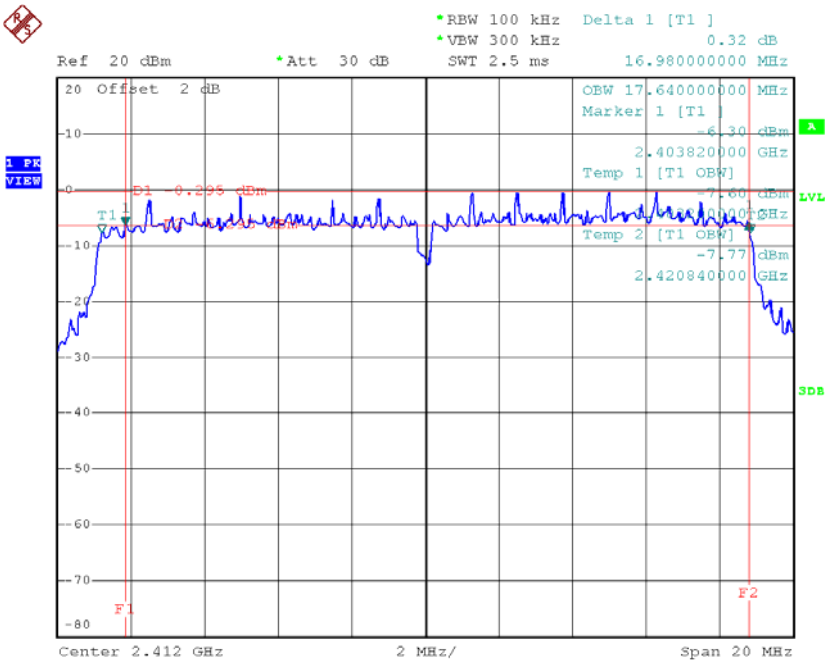


Date: 18.MAR.2015 13:35:28

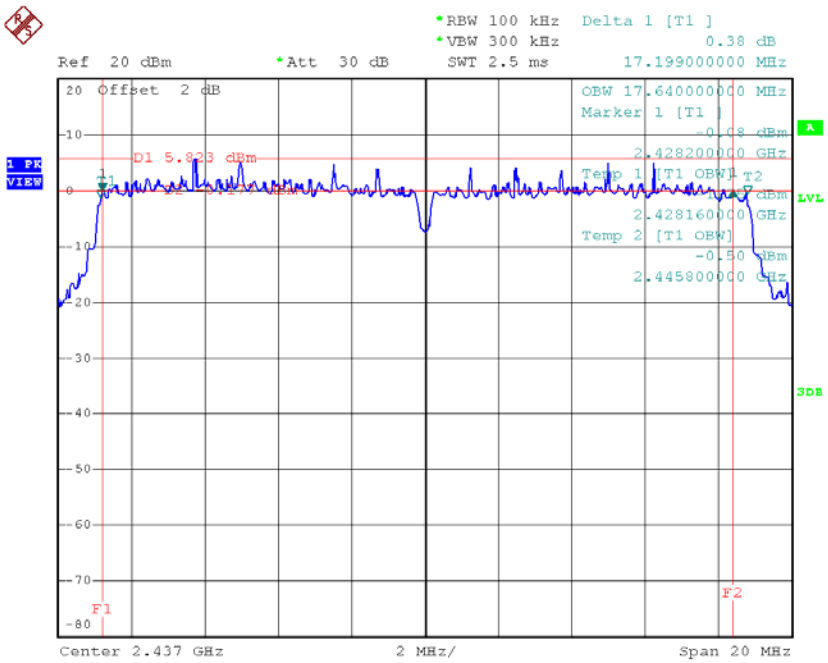
Test Mode : TX N-20MHz Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.98	17.64	500	Complies
2437	17.20	17.64	500	Complies
2462	16.68	17.56	500	Complies

TX CH01

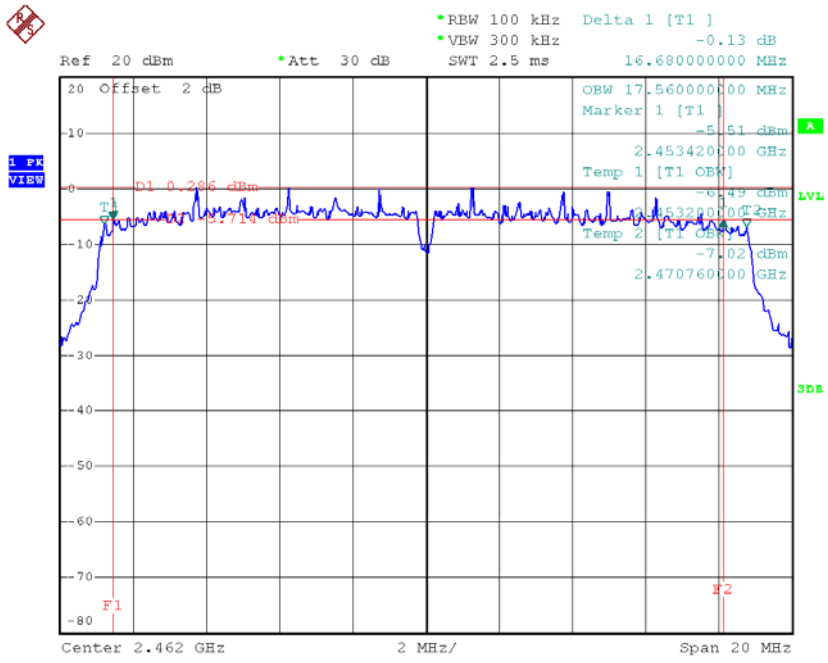


TX CH06



Date: 18.MAR.2015 13:38:25

TX CH11

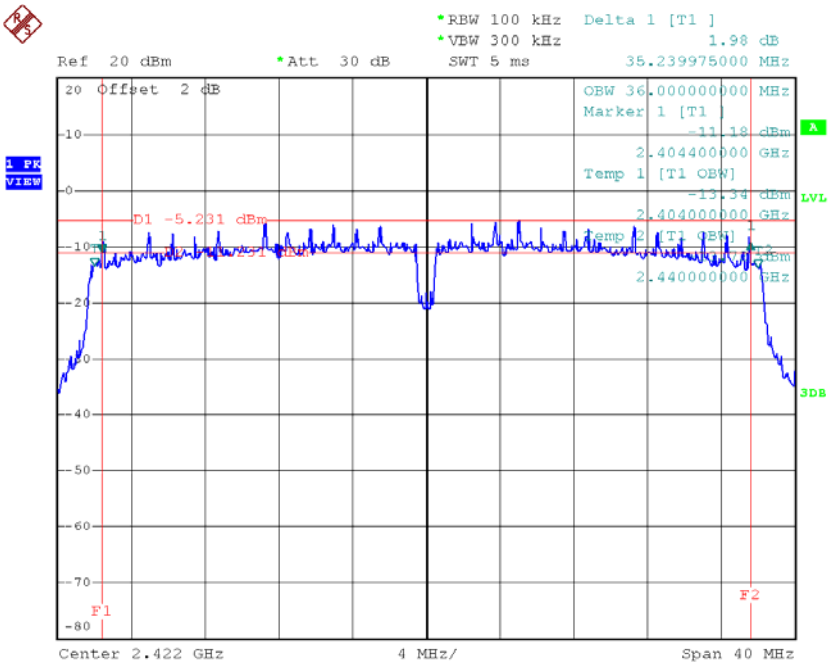


Date: 18.MAR.2015 13:39:23

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

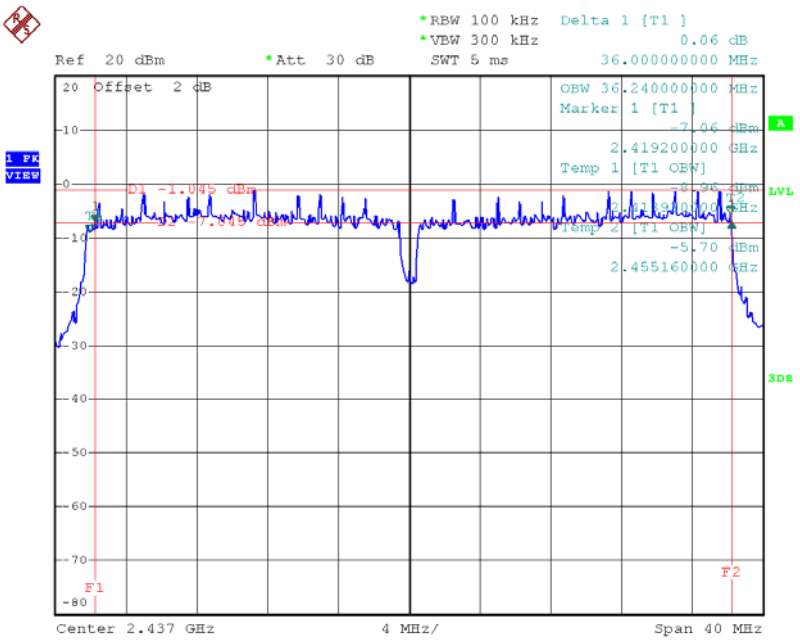
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.24	36.00	500	Complies
2437	36.00	36.24	500	Complies
2452	33.96	35.92	500	Complies

TX CH03



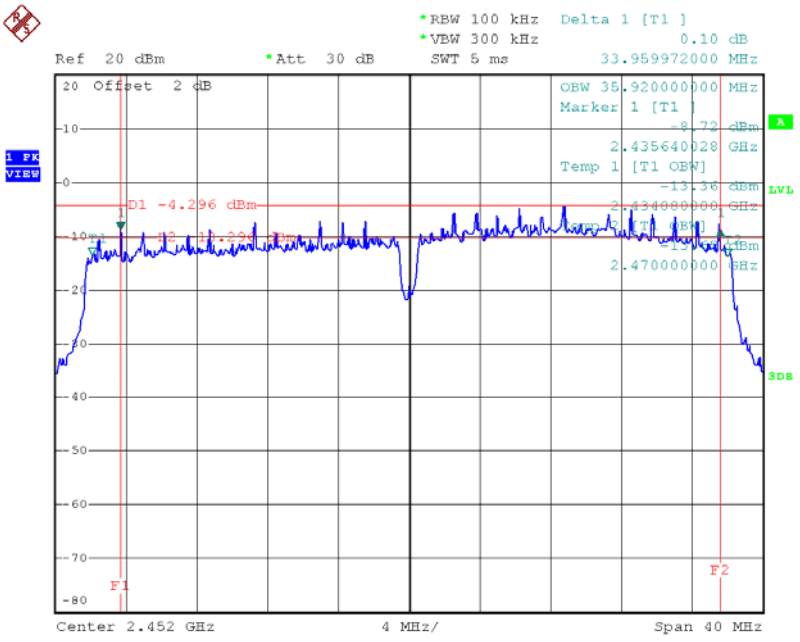
Date: 18.MAR.2015 13:40:40

TX CH06



Date: 18.MAR.2015 13:41:52

TX CH09



Date: 18.MAR.2015 13:42:59

ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

For 1TX

Test Mode :TX B Mode_CH01/06/11

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	26.63	0.46	30.00	1.00	Complies
2437	26.87	0.49	30.00	1.00	Complies
2462	26.91	0.49	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	19.87	0.10	30.00	1.00	Complies
2437	24.16	0.26	30.00	1.00	Complies
2462	20.09	0.10	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	19.28	0.08	30.00	1.00	Complies
2437	25.76	0.38	30.00	1.00	Complies
2462	19.13	0.08	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	18.69	0.07	30.00	1.00	Complies
2437	22.27	0.17	30.00	1.00	Complies
2452	18.37	0.07	30.00	1.00	Complies

For 2TX

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	23.87	0.24	30.00	1.00	Complies
2437	26.19	0.42	30.00	1.00	Complies
2462	23.68	0.23	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	23.19	0.21	30.00	1.00	Complies
2437	26.27	0.42	30.00	1.00	Complies
2462	23.16	0.21	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	26.55	0.45	30.00	1.00	Complies
2437	29.24	0.84	30.00	1.00	Complies
2462	26.44	0.44	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	18.52	0.07	30.00	1.00	Complies
2437	26.67	0.46	30.00	1.00	Complies
2462	18.16	0.07	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	18.25	0.07	30.00	1.00	Complies
2437	26.97	0.50	30.00	1.00	Complies
2462	18.34	0.07	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	21.40	0.14	30.00	1.00	Complies
2437	29.83	0.96	30.00	1.00	Complies
2462	21.26	0.13	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	18.25	0.07	30.00	1.00	Complies
2437	24.08	0.26	30.00	1.00	Complies
2462	18.37	0.07	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	18.61	0.07	30.00	1.00	Complies
2437	24.58	0.29	30.00	1.00	Complies
2462	18.72	0.07	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	21.44	0.14	30.00	1.00	Complies
2437	27.35	0.54	30.00	1.00	Complies
2462	21.56	0.14	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	16.57	0.05	30.00	1.00	Complies
2437	20.03	0.10	30.00	1.00	Complies
2452	16.45	0.04	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	16.51	0.04	30.00	1.00	Complies
2437	20.12	0.10	30.00	1.00	Complies
2452	16.55	0.05	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	19.55	0.09	30.00	1.00	Complies
2437	23.09	0.20	30.00	1.00	Complies
2452	19.51	0.09	30.00	1.00	Complies

For 2TX with beamforming

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	15.36	0.03	28.74	0.75	Complies
2437	21.08	0.13	28.74	0.75	Complies
2462	15.21	0.03	28.74	0.75	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	15.33	0.03	28.74	0.75	Complies
2437	20.96	0.12	28.74	0.75	Complies
2462	15.82	0.04	28.74	0.75	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	18.36	0.07	28.74	0.75	Complies
2437	24.03	0.25	28.74	0.75	Complies
2462	18.54	0.07	28.74	0.75	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	13.52	0.02	28.74	0.75	Complies
2437	17.17	0.05	28.74	0.75	Complies
2452	13.39	0.02	28.74	0.75	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	13.51	0.02	28.74	0.75	Complies
2437	13.28	0.02	28.74	0.75	Complies
2452	13.36	0.02	28.74	0.75	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	16.53	0.04	28.74	0.75	Complies
2437	18.66	0.07	28.74	0.75	Complies
2452	16.39	0.04	28.74	0.75	Complies

For 3TX

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	20.68	0.1169	30.00	1.00	Complies
2437	22.86	0.1932	30.00	1.00	Complies
2462	21.02	0.1265	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	21.05	0.1274	30.00	1.00	Complies
2437	23.18	0.2080	30.00	1.00	Complies
2462	21.39	0.1377	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.28	0.1343	30.00	1.00	Complies
2437	23.51	0.2244	30.00	1.00	Complies
2462	21.69	0.1476	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	25.78	0.3786	30.00	1.00	Complies
2437	27.96	0.6256	30.00	1.00	Complies
2462	26.15	0.4118	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	15.52	0.0356	30.00	1.00	Complies
2437	23.27	0.2123	30.00	1.00	Complies
2462	15.69	0.0371	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	15.39	0.0346	30.00	1.00	Complies
2437	23.01	0.2000	30.00	1.00	Complies
2462	15.82	0.0382	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.35	0.0343	30.00	1.00	Complies
2437	23.19	0.2084	30.00	1.00	Complies
2462	15.87	0.0386	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	20.19	0.1045	30.00	1.00	Complies
2437	27.93	0.6208	30.00	1.00	Complies
2462	20.57	0.1139	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	16.24	0.0421	30.00	1.00	Complies
2437	22.38	0.1730	30.00	1.00	Complies
2462	16.08	0.0406	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	16.13	0.0410	30.00	1.00	Complies
2437	22.25	0.1679	30.00	1.00	Complies
2462	15.96	0.0394	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	16.03	0.0401	30.00	1.00	Complies
2437	21.53	0.1422	30.00	1.00	Complies
2462	16.18	0.0415	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	20.91	0.1232	30.00	1.00	Complies
2437	26.84	0.4831	30.00	1.00	Complies
2462	20.85	0.1215	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	15.63	0.0366	30.00	1.00	Complies
2437	19.15	0.0822	30.00	1.00	Complies
2452	14.86	0.0306	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	14.91	0.0310	30.00	1.00	Complies
2437	19.85	0.0966	30.00	1.00	Complies
2452	14.67	0.0293	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	15.05	0.0320	30.00	1.00	Complies
2437	19.35	0.0861	30.00	1.00	Complies
2452	15.28	0.0337	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	19.98	0.0995	30.00	1.00	Complies
2437	24.23	0.2649	30.00	1.00	Complies
2452	19.72	0.0937	30.00	1.00	Complies

For 3TX with beamforming

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	11.26	0.0134	30.00	1.00	Complies
2437	17.53	0.0566	30.00	1.00	Complies
2462	11.39	0.0138	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	11.28	0.0134	30.00	1.00	Complies
2437	17.94	0.0622	30.00	1.00	Complies
2462	11.61	0.0145	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	11.53	0.0142	30.00	1.00	Complies
2437	17.72	0.0592	30.00	1.00	Complies
2462	11.66	0.0147	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	16.13	0.0410	30.00	1.00	Complies
2437	22.50	0.1780	30.00	1.00	Complies
2462	16.33	0.0429	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	9.97	0.0099	30.00	1.00	Complies
2437	13.58	0.0228	30.00	1.00	Complies
2452	9.86	0.0097	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	10.02	0.0100	30.00	1.00	Complies
2437	13.87	0.0244	30.00	1.00	Complies
2452	9.88	0.0097	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 3					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	9.75	0.0094	30.00	1.00	Complies
2437	13.93	0.0247	30.00	1.00	Complies
2452	9.81	0.0096	30.00	1.00	Complies

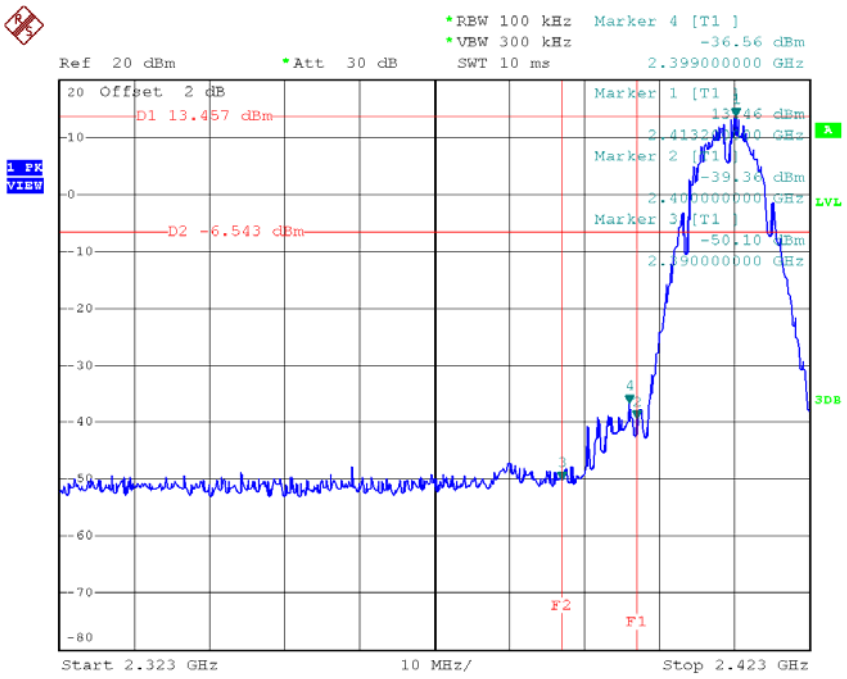
Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	14.69	0.0294	30.00	1.00	Complies
2437	18.57	0.0719	30.00	1.00	Complies
2452	14.62	0.0290	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

For 1TX

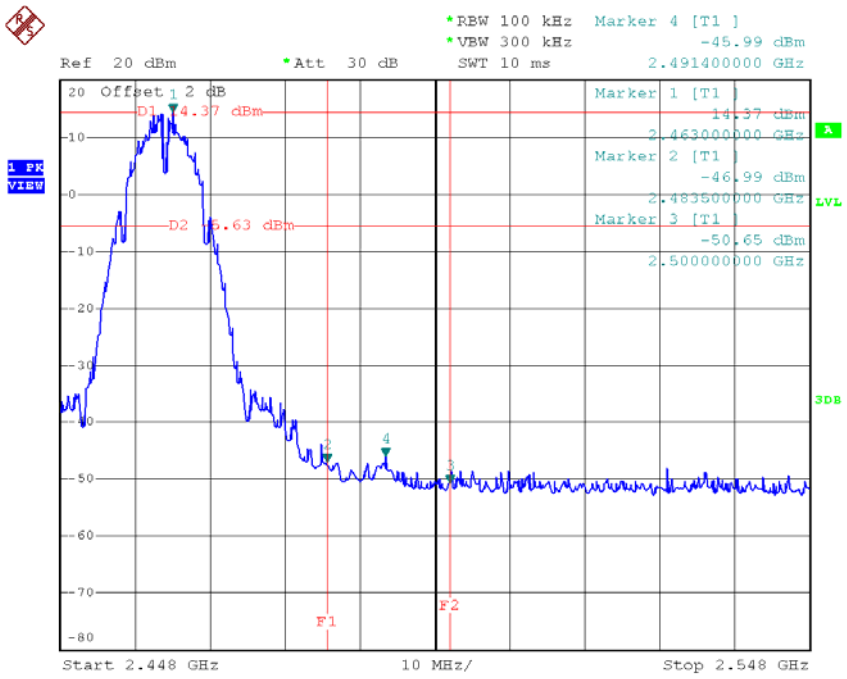
Test Mode :	TX B Mode

TX B mode CH01



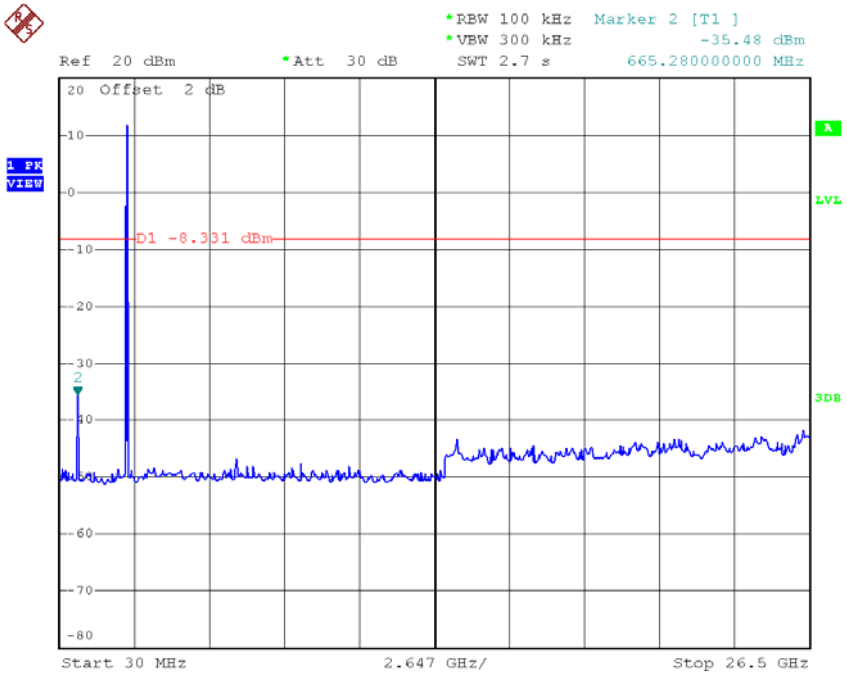
Date: 18.MAR.2015 13:23:30

TX B mode CH11



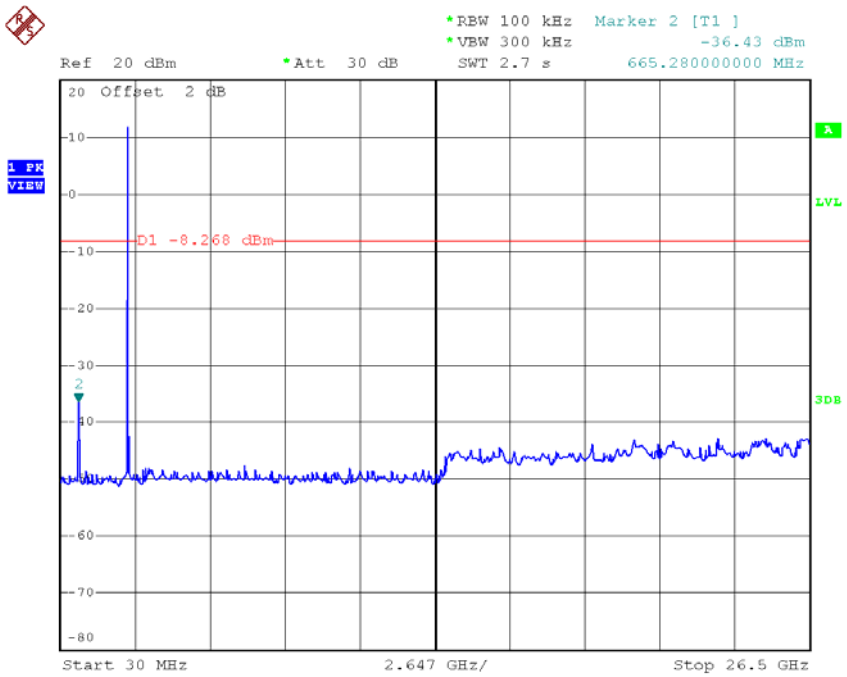
Date: 18.MAR.2015 13:26:03

TX B mode CH01 (10 Harmonic of the frequency)



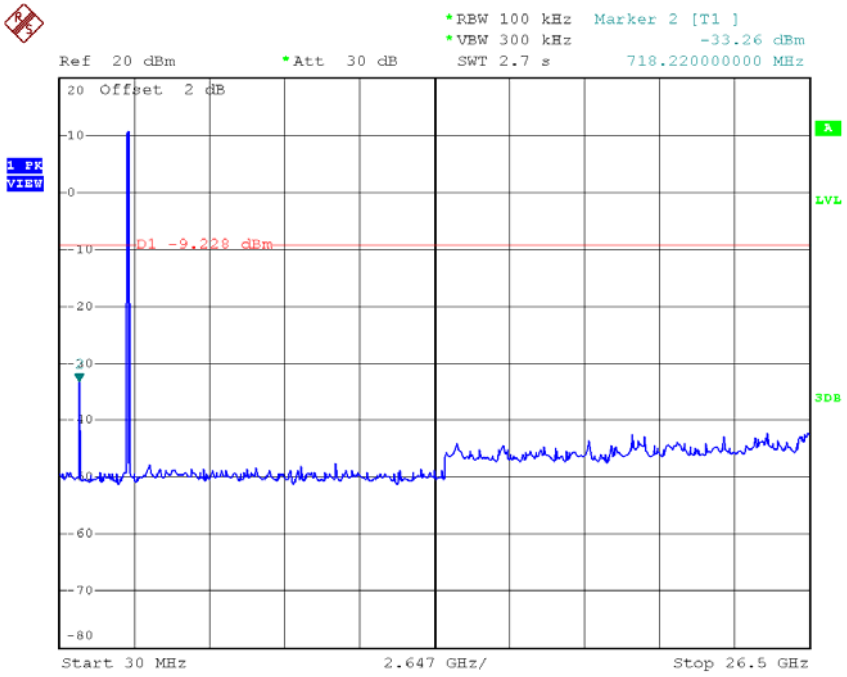
Date: 18.MAR.2015 13:23:22

TX B mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:24:53

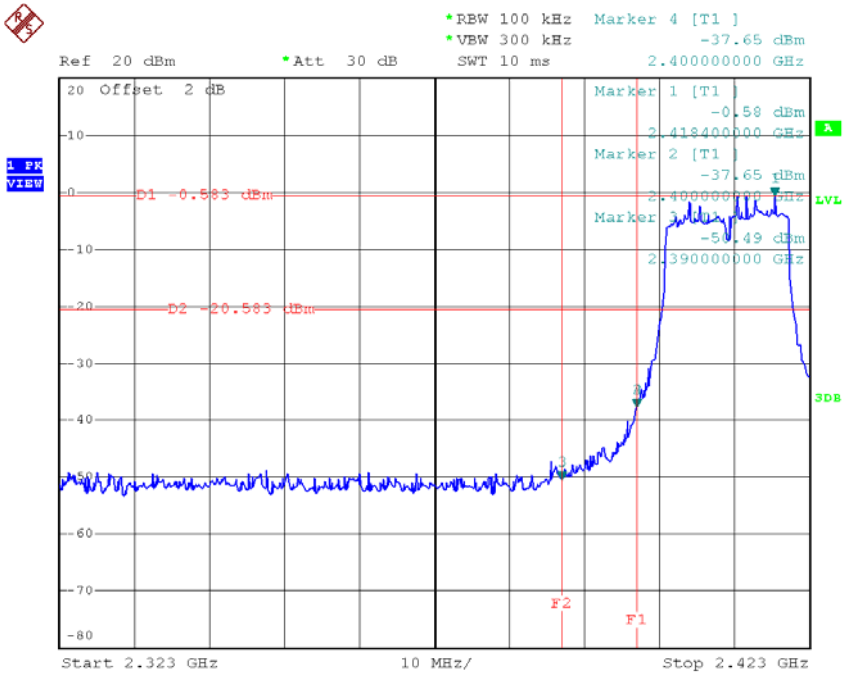
TX B mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:25:56

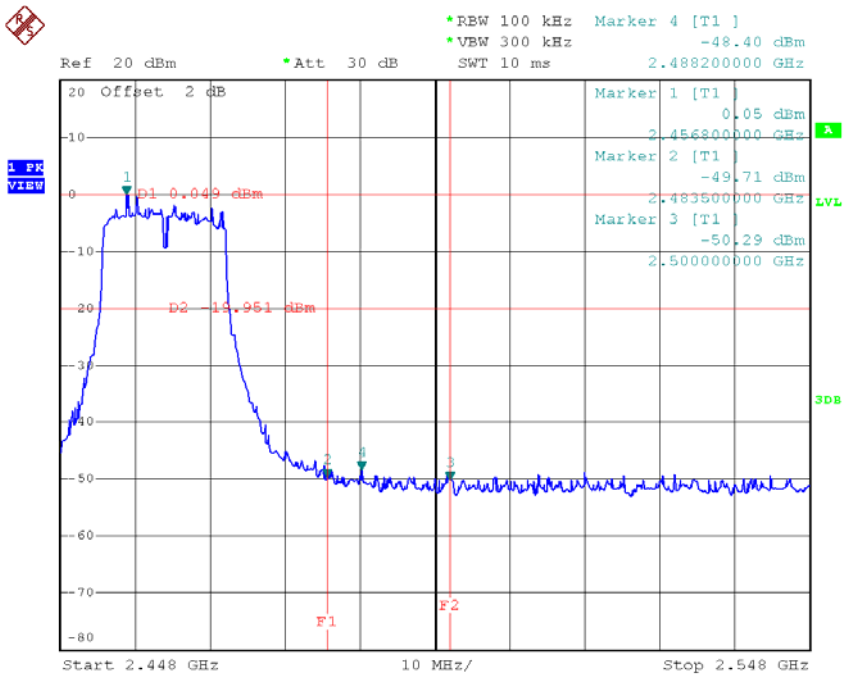
Test Mode :	**TX G Mode**

TX G mode CH01



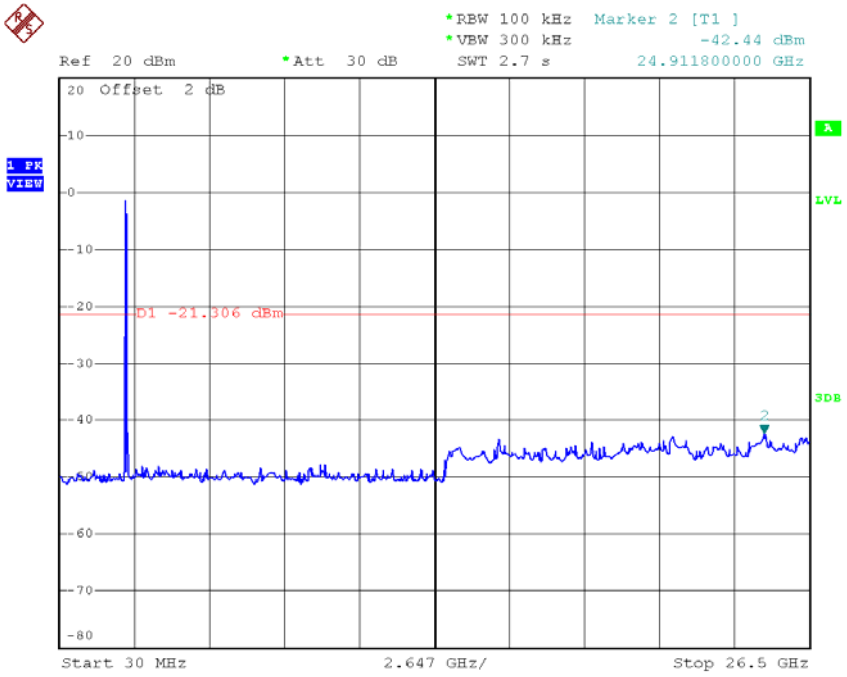
Date: 18.MAR.2015 13:27:35

TX G mode CH11



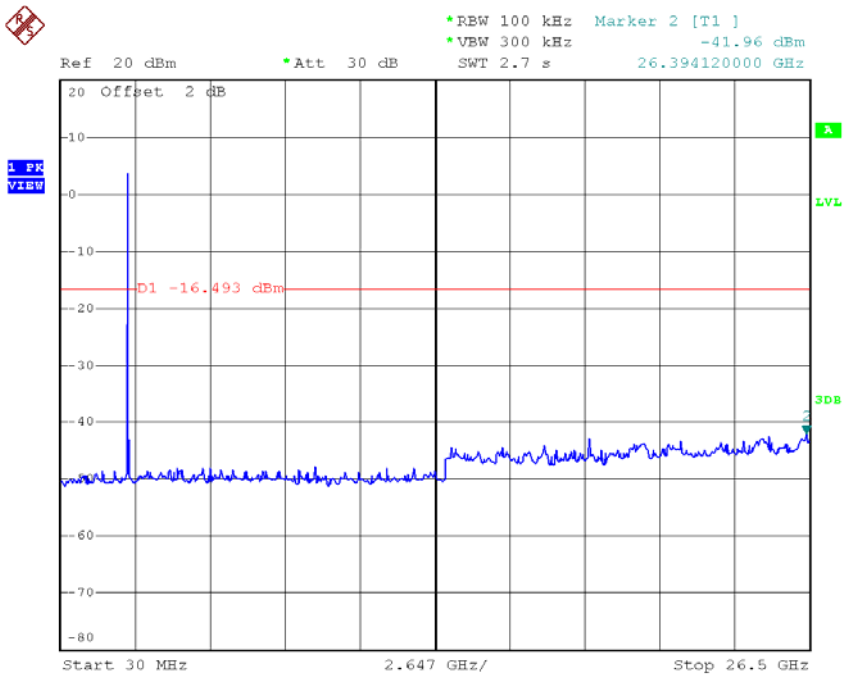
Date: 18.MAR.2015 13:35:49

TX G mode CH01 (10 Harmonic of the frequency)



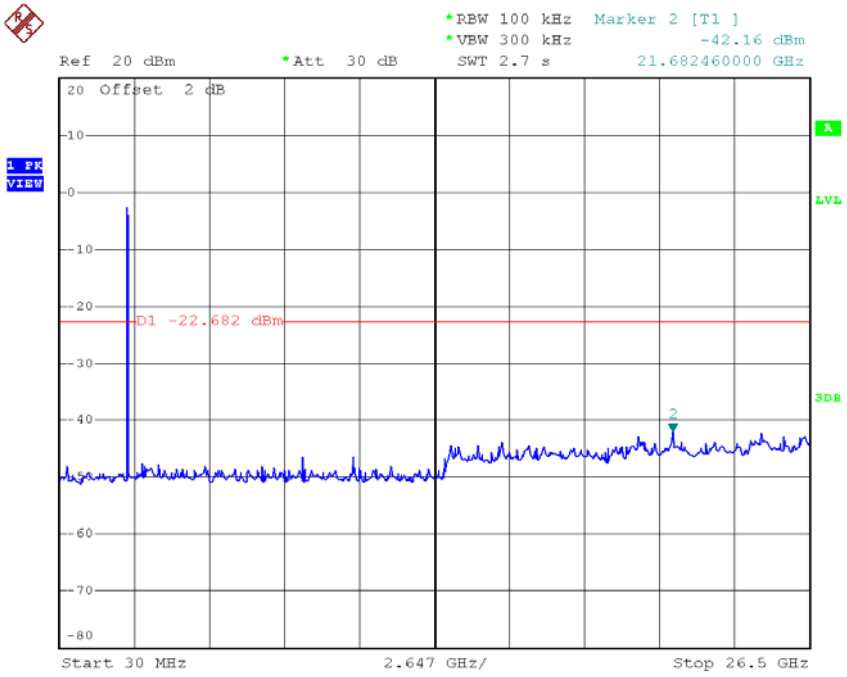
Date: 18.MAR.2015 13:27:28

TX G mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:31:28

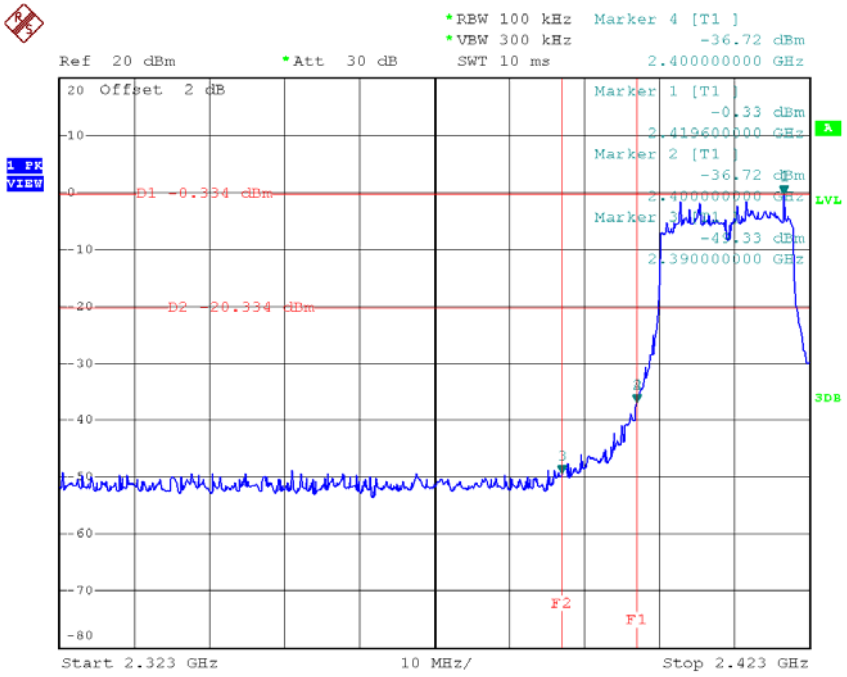
TX G mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:35:42

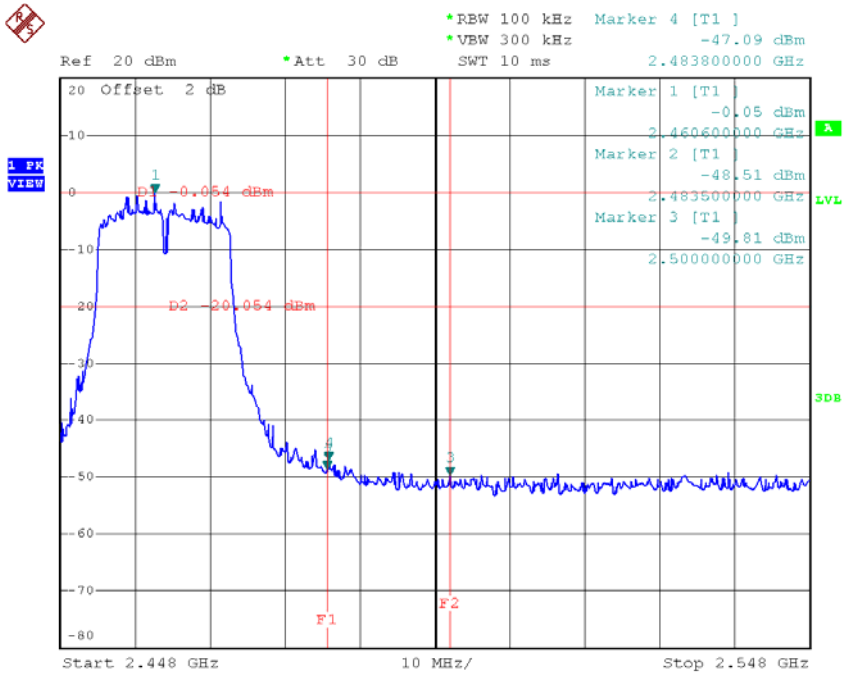
Test Mode :	TX N-20M Mode

TX HT20 mode CH01



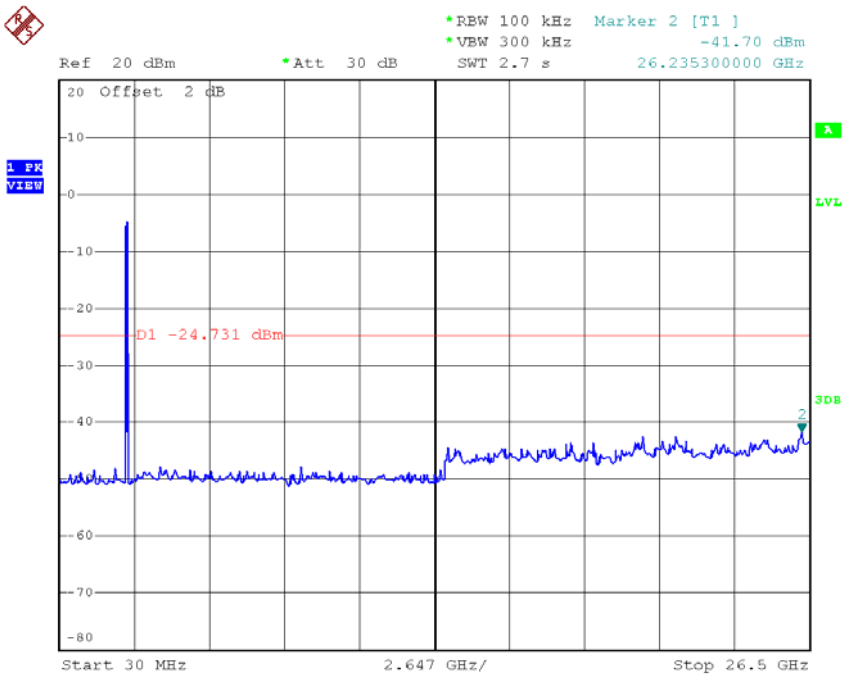
Date: 18.MAR.2015 13:37:40

TX HT20 mode CH11



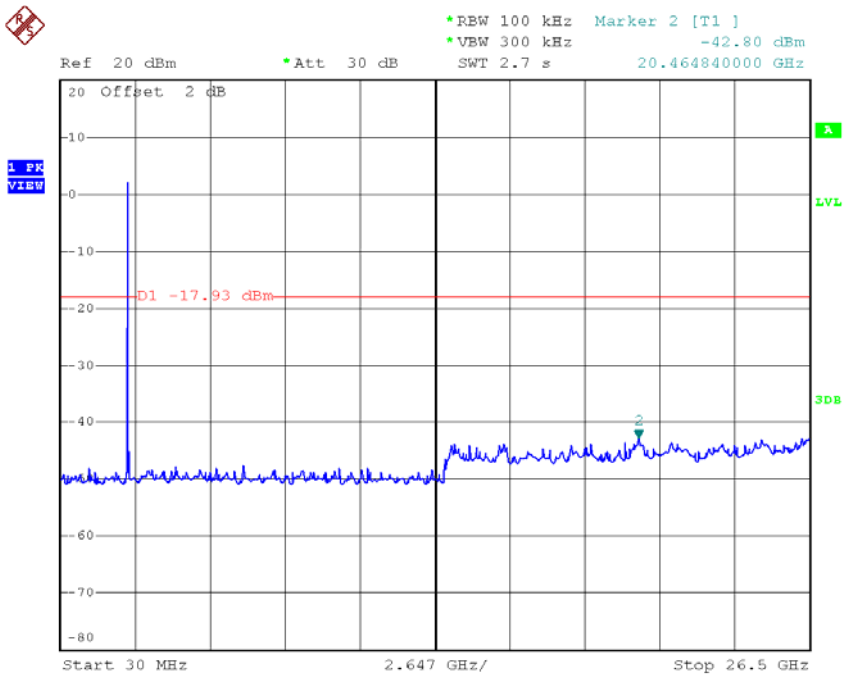
Date: 18.MAR.2015 13:39:44

TX HT20 mode CH01 (10 Harmonic of the frequency)



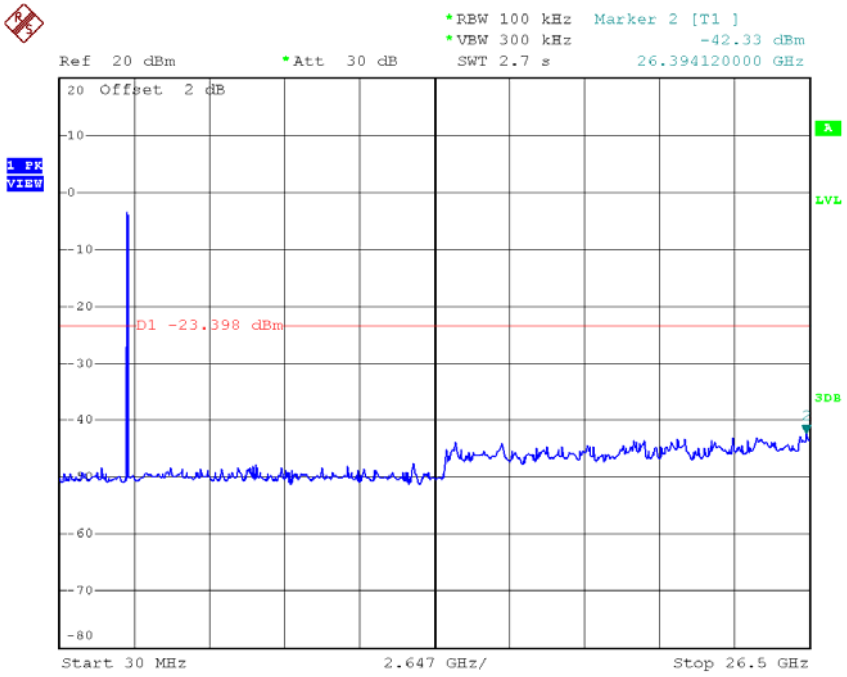
Date: 18.MAR.2015 13:37:33

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:38:39

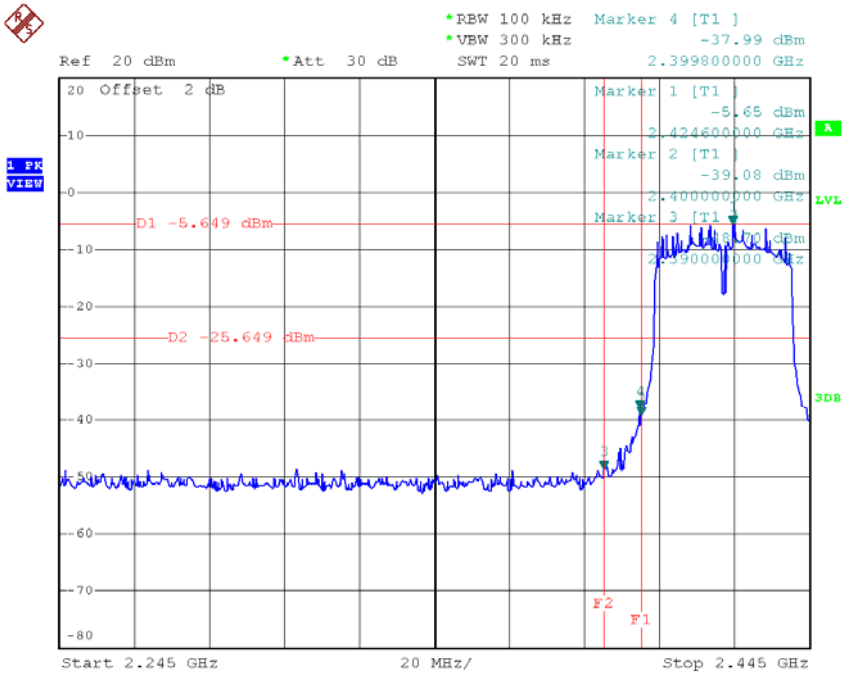
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:39:36

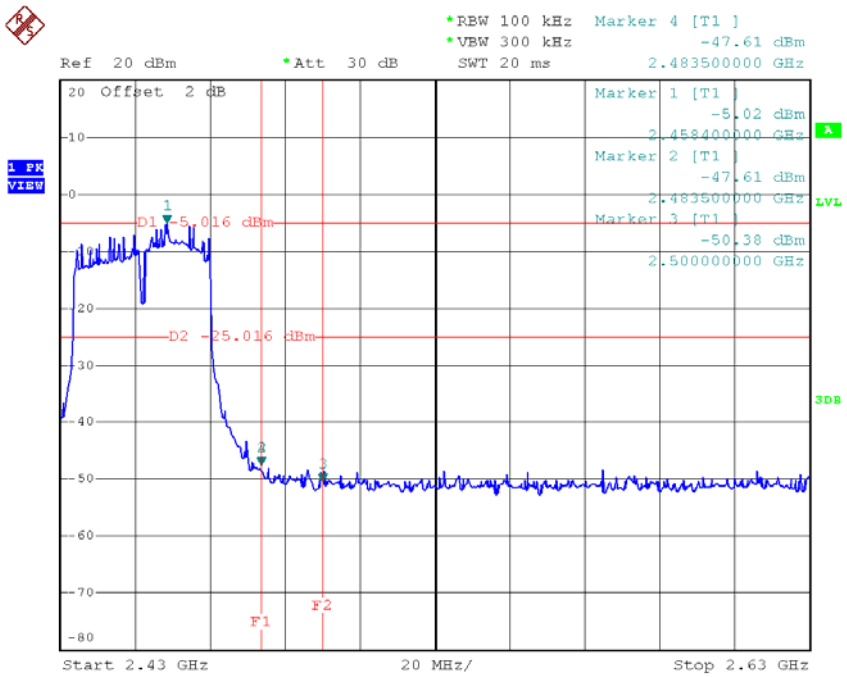
Test Mode :	TX N-40M Mode

TX HT40 mode CH03



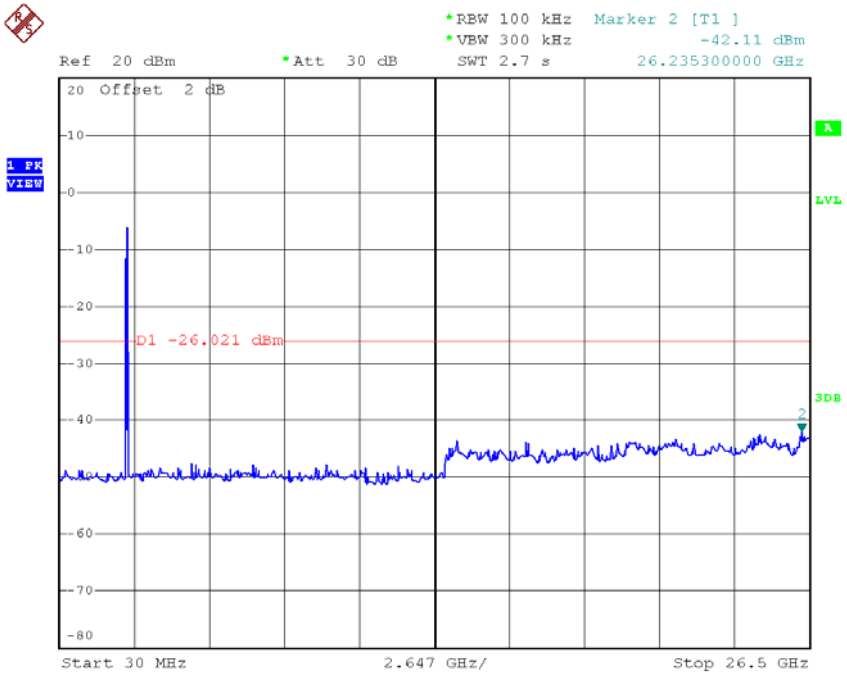
Date: 18.MAR.2015 13:41:01

TX HT40 mode CH09



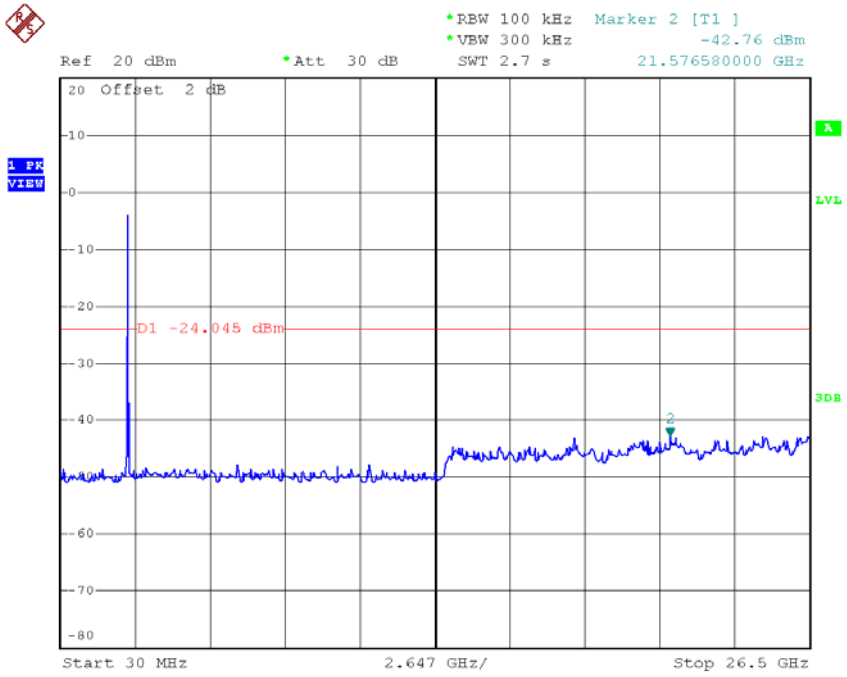
Date: 18.MAR.2015 13:43:20

TX HT40 mode CH03 (10 Harmonic of the frequency)



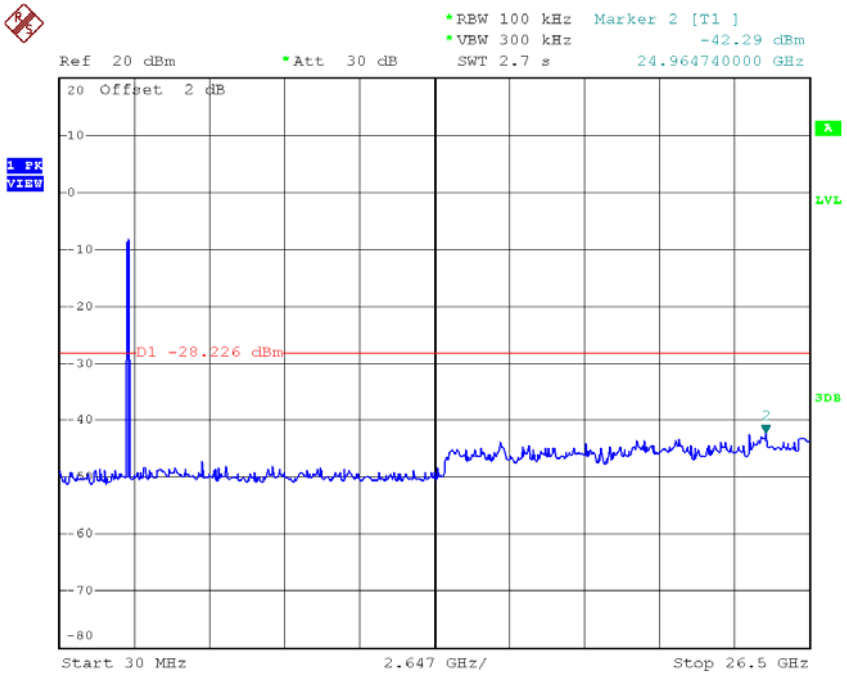
Date: 18.MAR.2015 13:40:53

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:42:05

TX HT40 mode CH09 (10 Harmonic of the frequency)

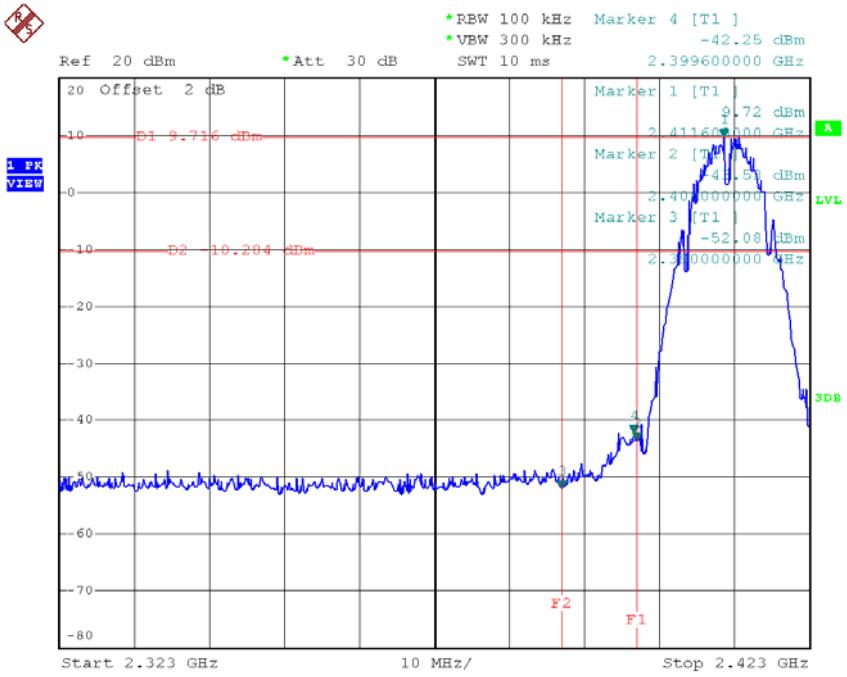


Date: 18.MAR.2015 13:43:13

For 2TX

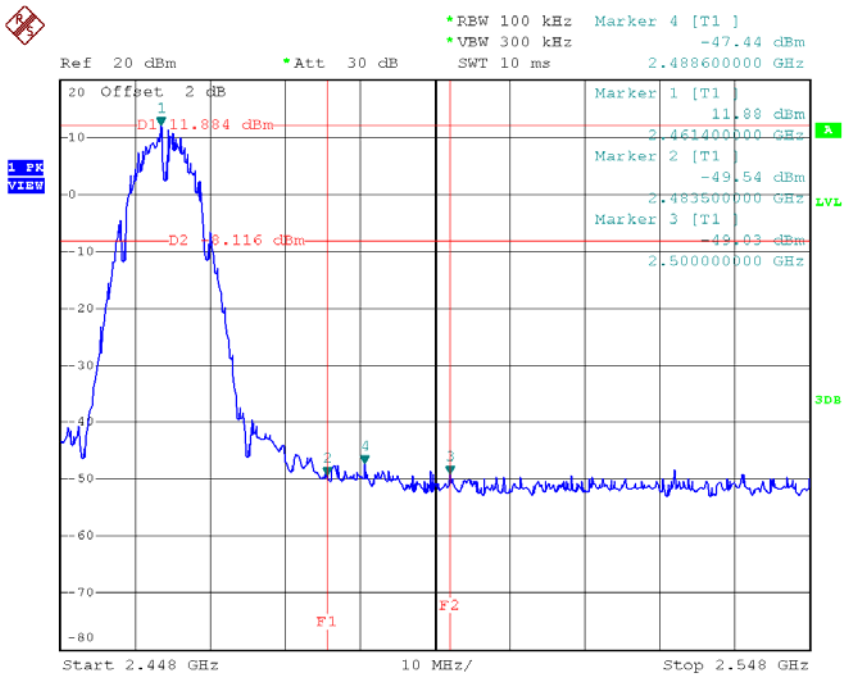
Test Mode :	TX B Mode_ANT 1

TX B mode CH01



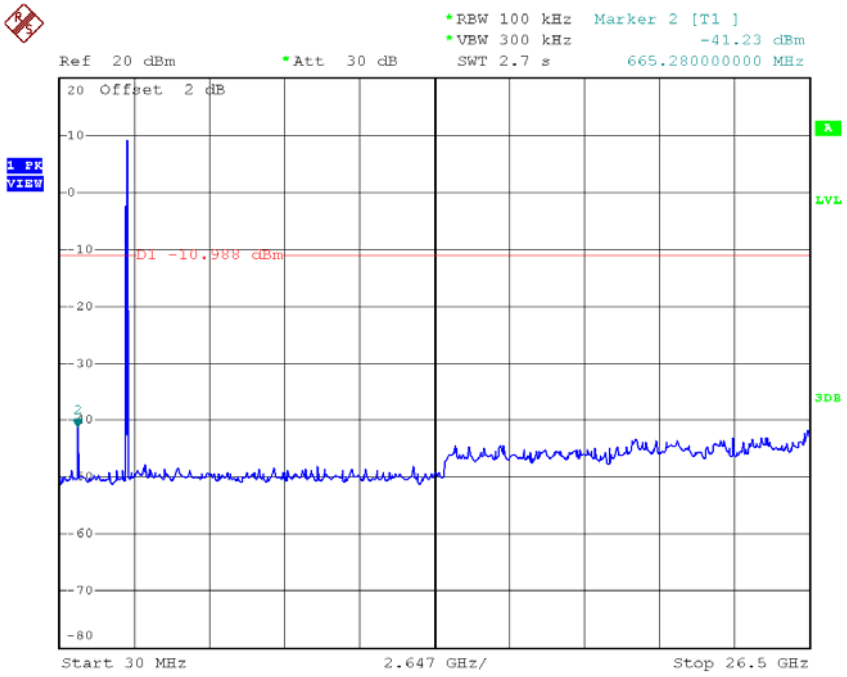
Date: 18.MAR.2015 13:48:51

TX B mode CH11



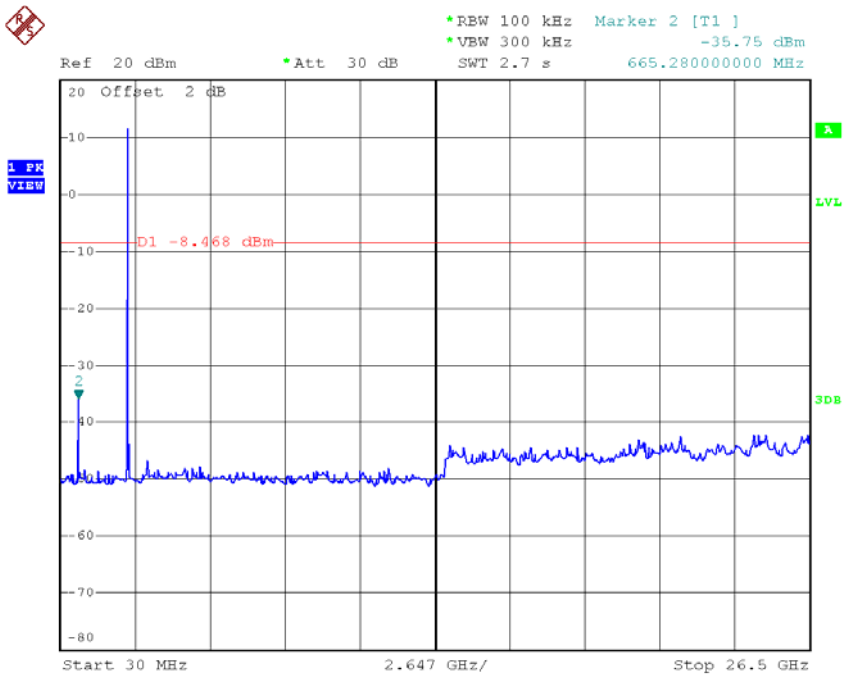
Date: 18.MAR.2015 13:52:27

TX B mode CH01 (10 Harmonic of the frequency)



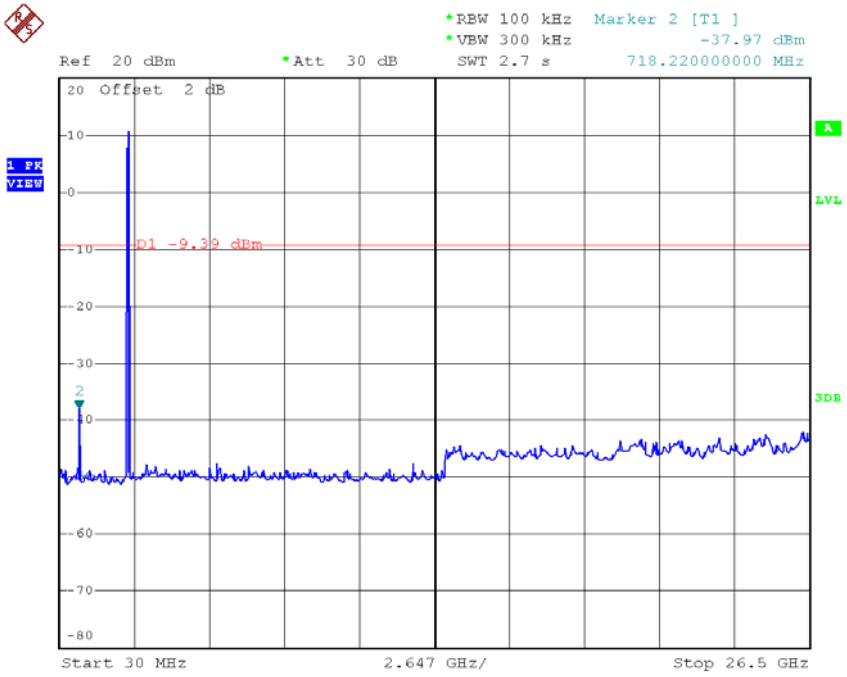
Date: 18.MAR.2015 13:48:43

TX B mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:51:19

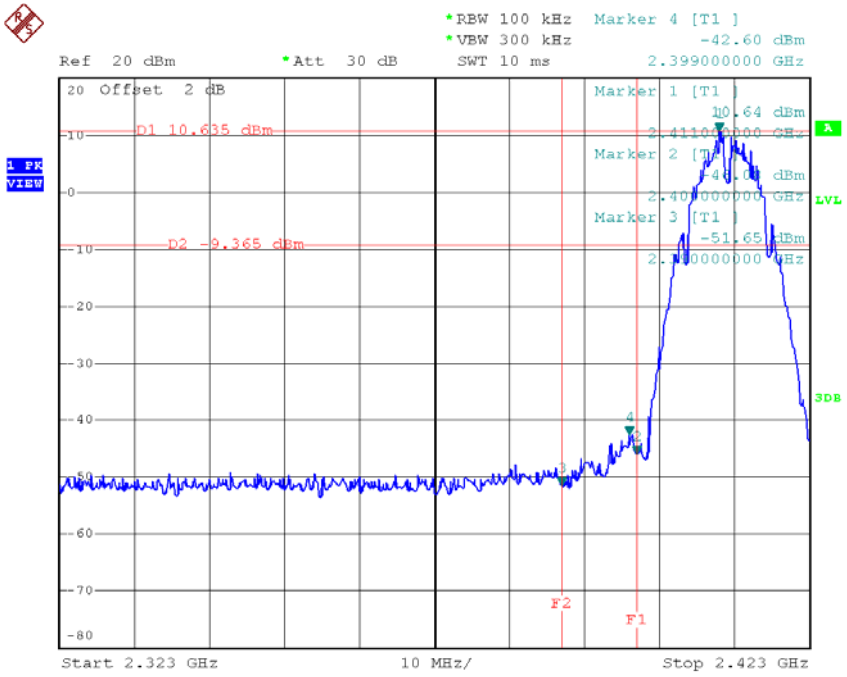
TX B mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:52:19

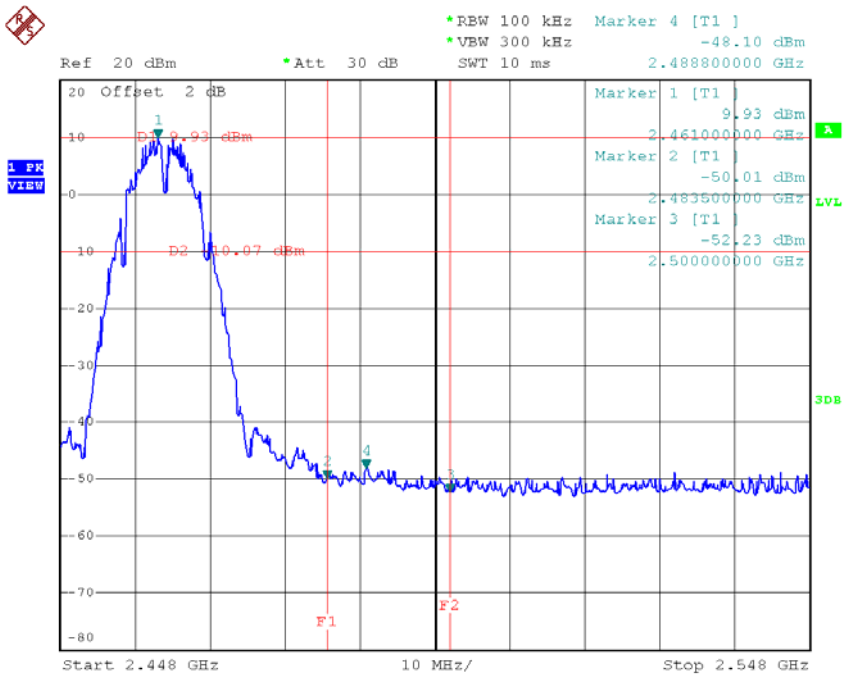
Test Mode :	**TX B Mode_ANT 2**

TX B mode CH01



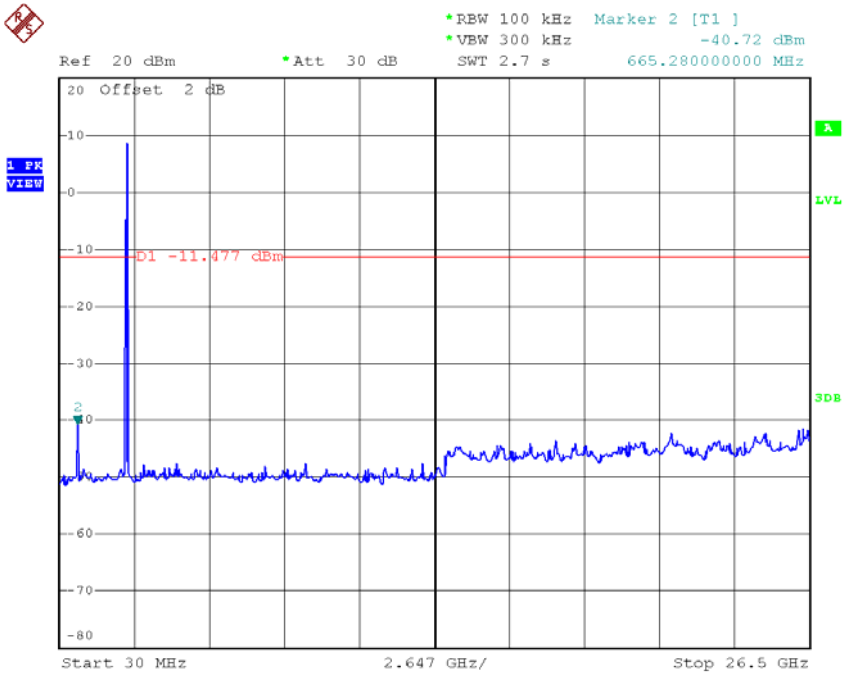
Date: 18.MAR.2015 14:10:44

TX B mode CH11



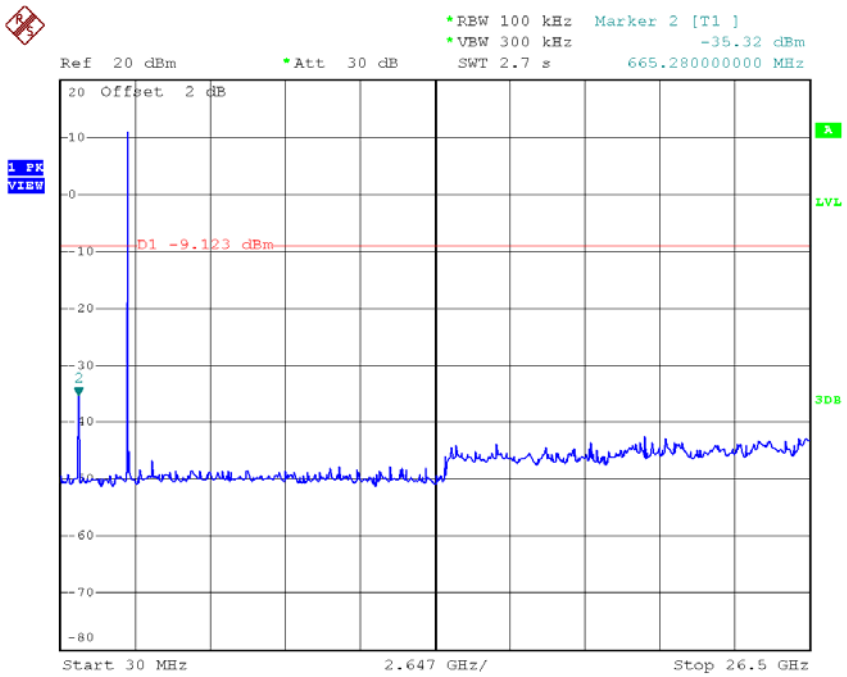
Date: 18.MAR.2015 14:12:43

TX B mode CH01 (10 Harmonic of the frequency)



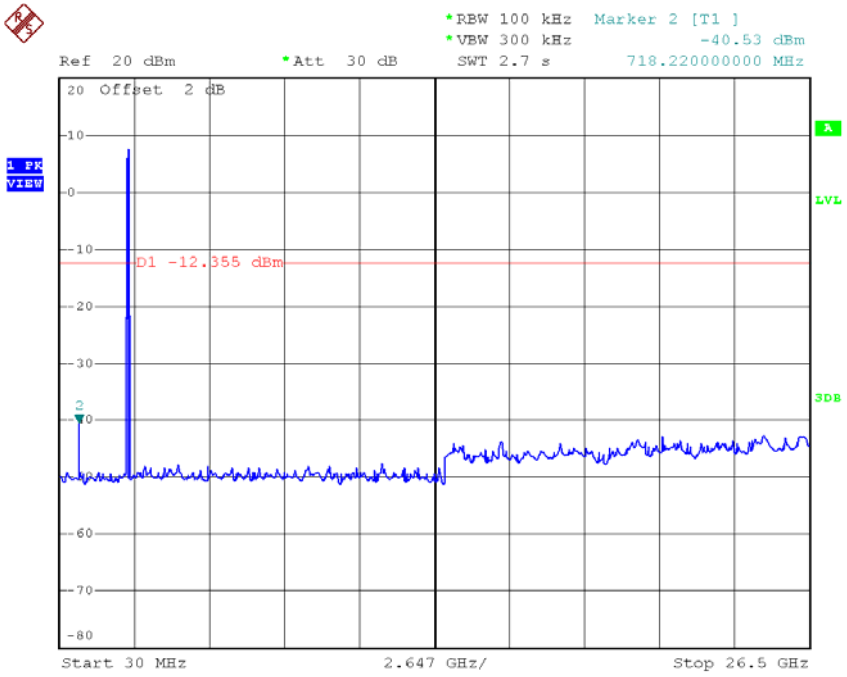
Date: 18.MAR.2015 14:10:36

TX B mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:11:48

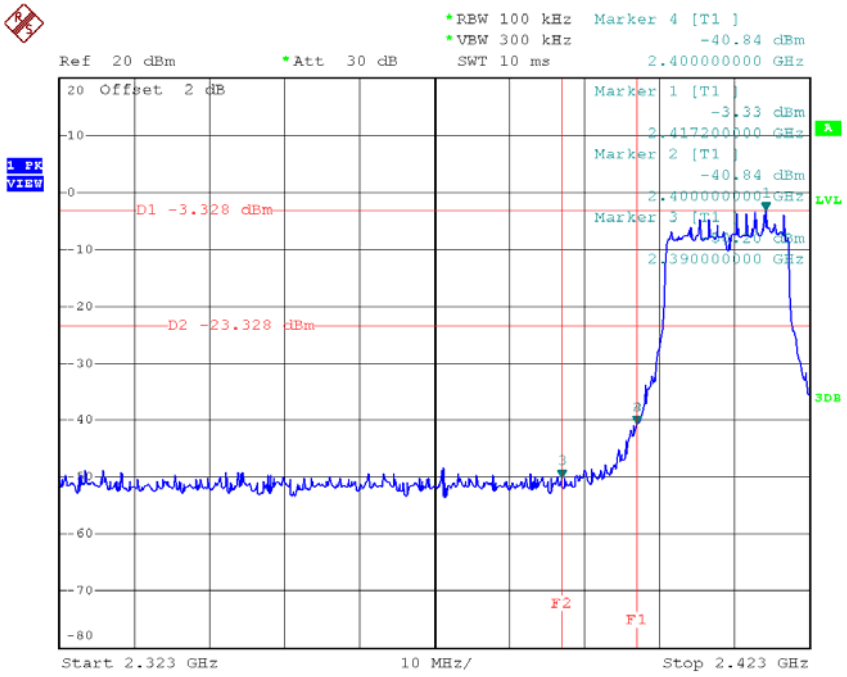
TX B mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:12:36

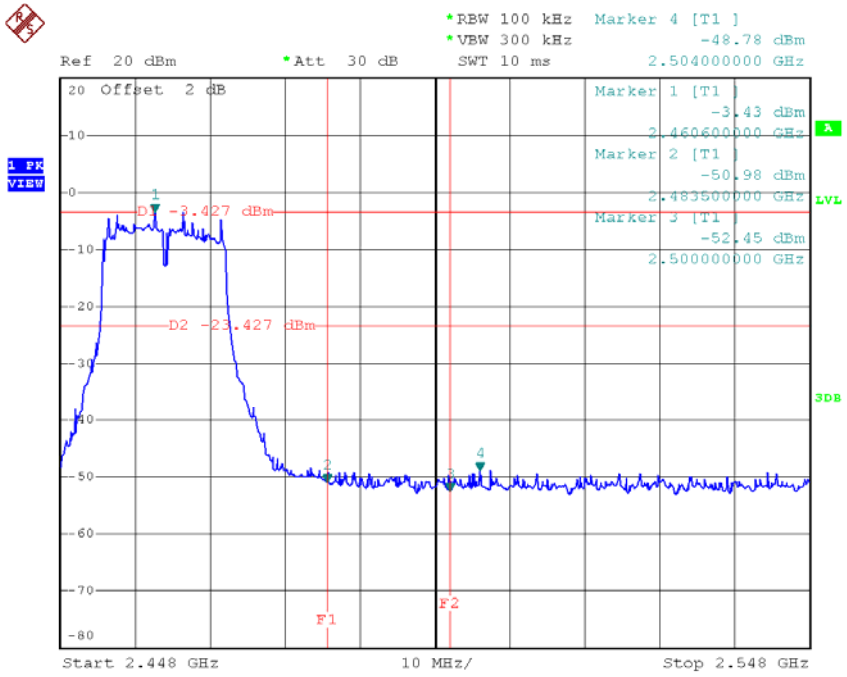
Test Mode :	**TX G Mode_ANT 1**

TX G mode CH01



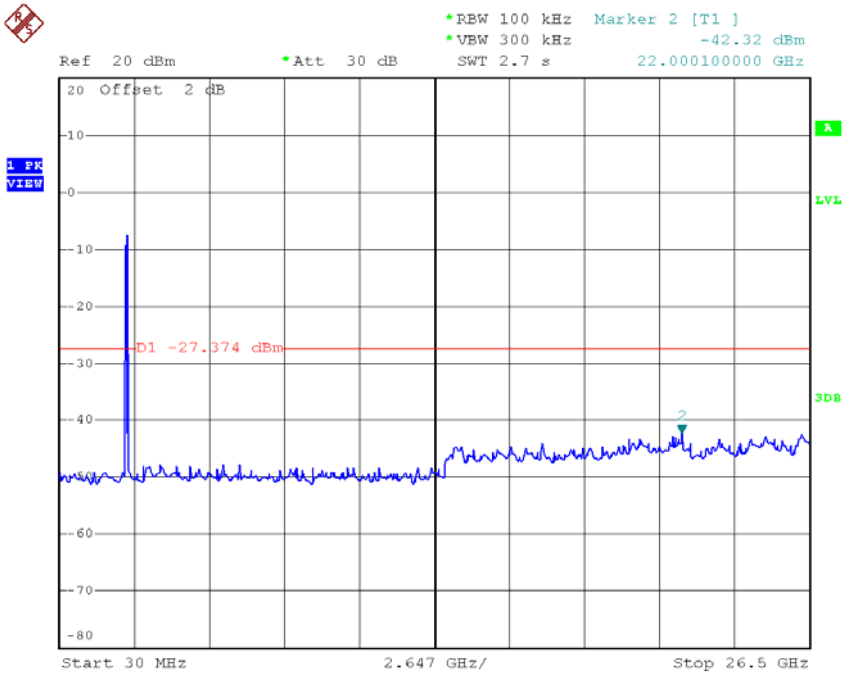
Date: 18.MAR.2015 13:54:02

TX G mode CH11



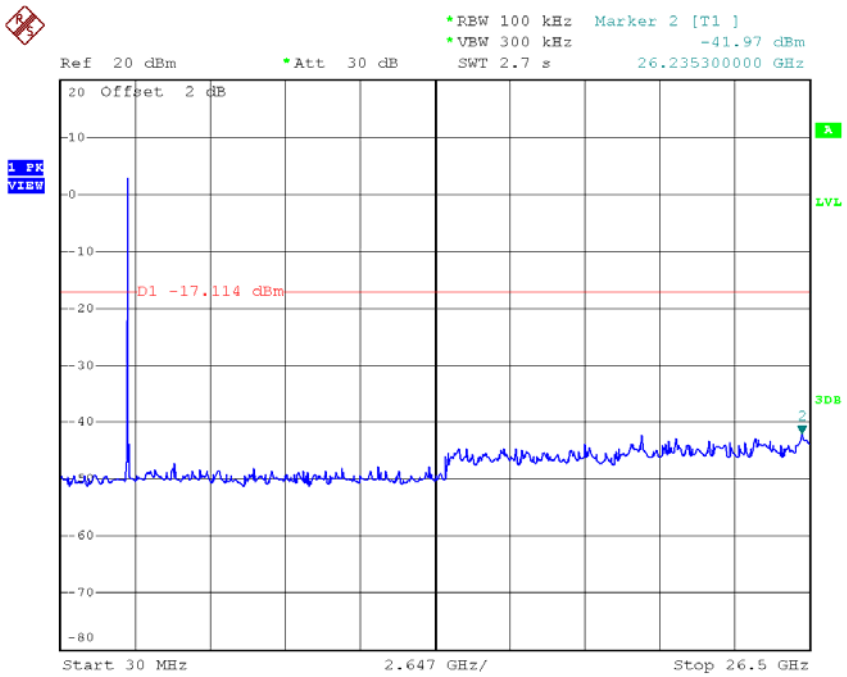
Date: 18.MAR.2015 13:56:16

TX G mode CH01 (10 Harmonic of the frequency)



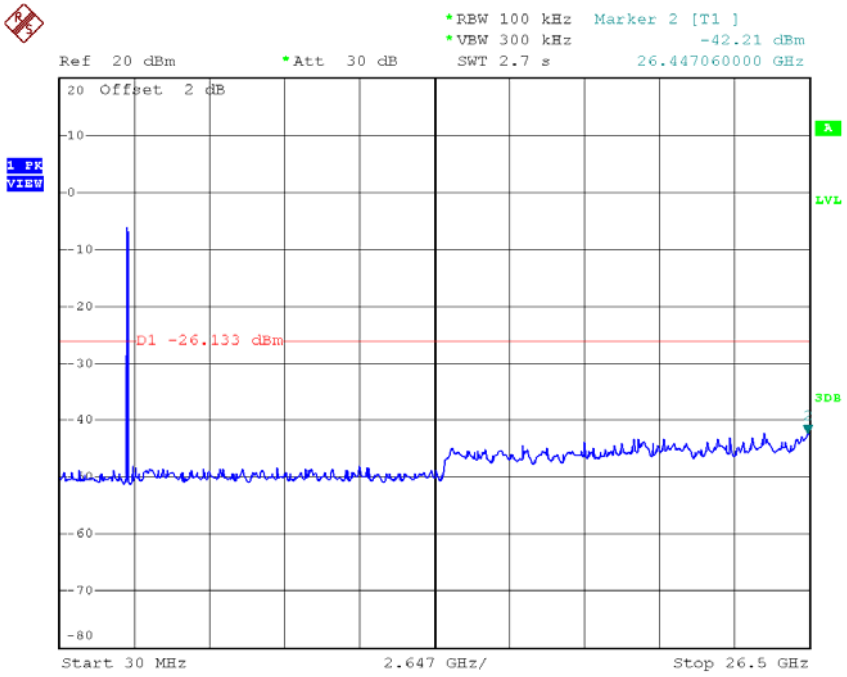
Date: 18.MAR.2015 13:53:55

TX G mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:55:14

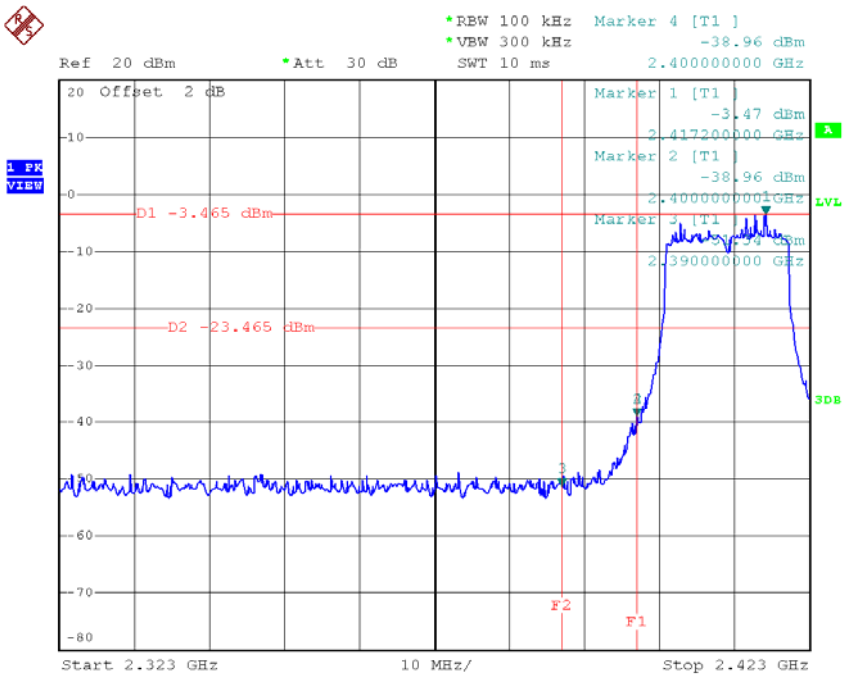
TX G mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:56:09

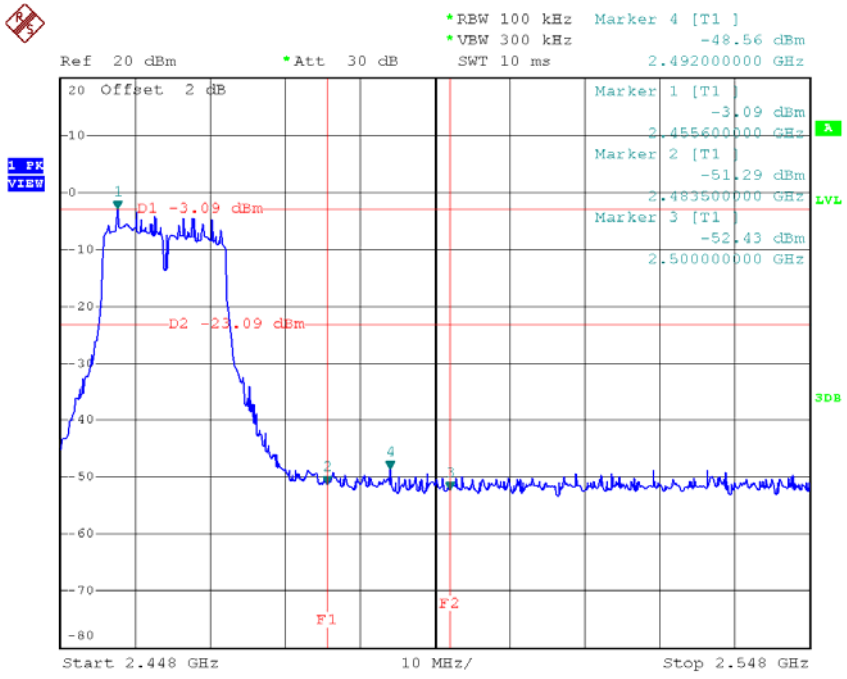
Test Mode :	**TX G Mode_ANT 2**

TX G mode CH01



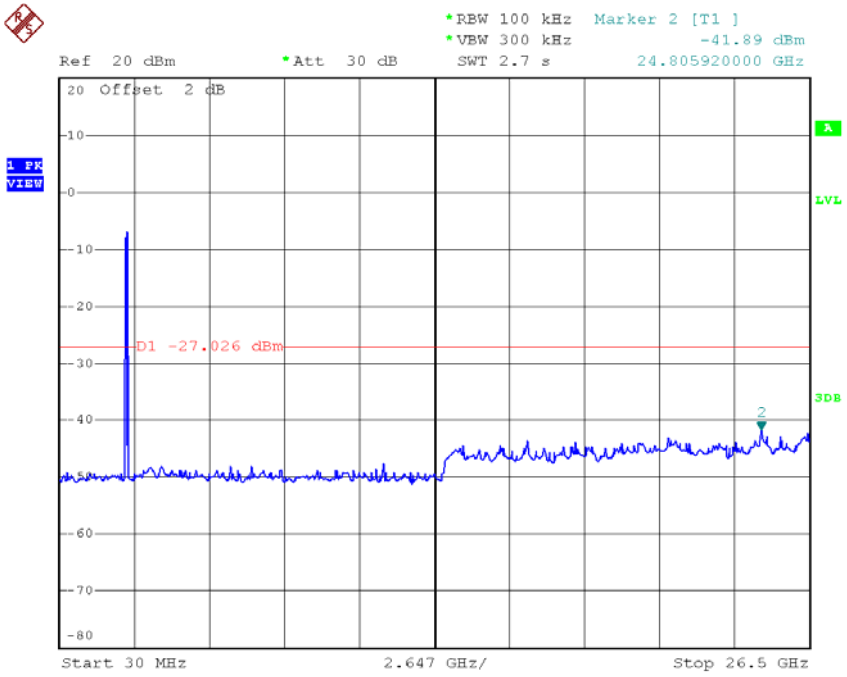
Date: 18.MAR.2015 14:13:55

TX G mode CH11



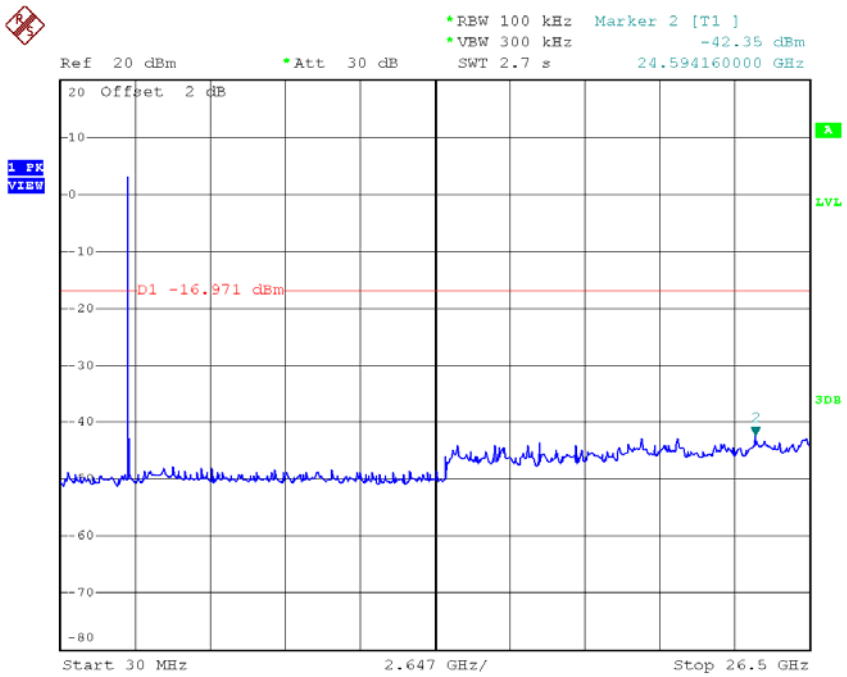
Date: 18.MAR.2015 14:15:41

TX G mode CH01 (10 Harmonic of the frequency)



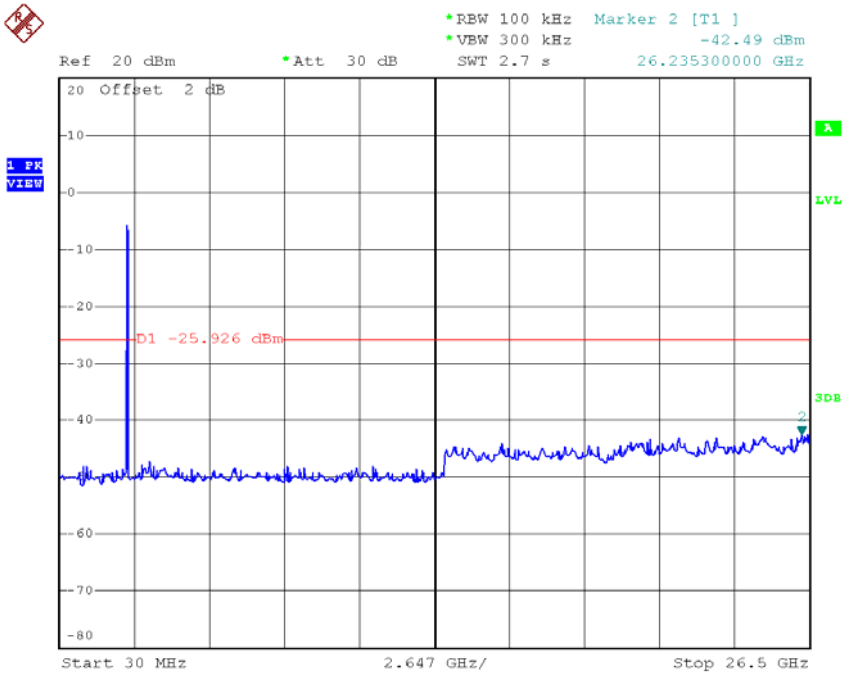
Date: 18.MAR.2015 14:13:48

TX G mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:14:50

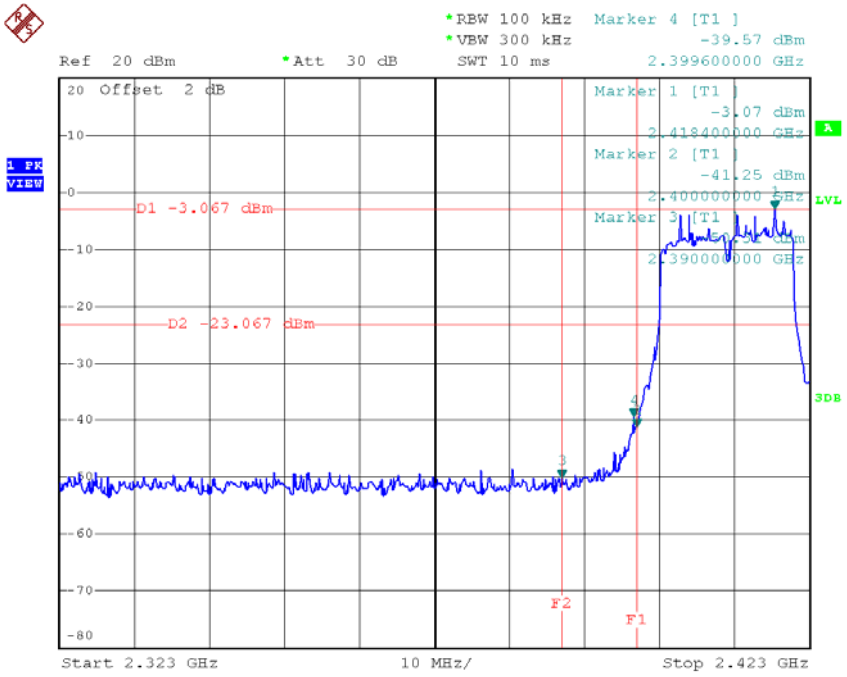
TX G mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:15:34

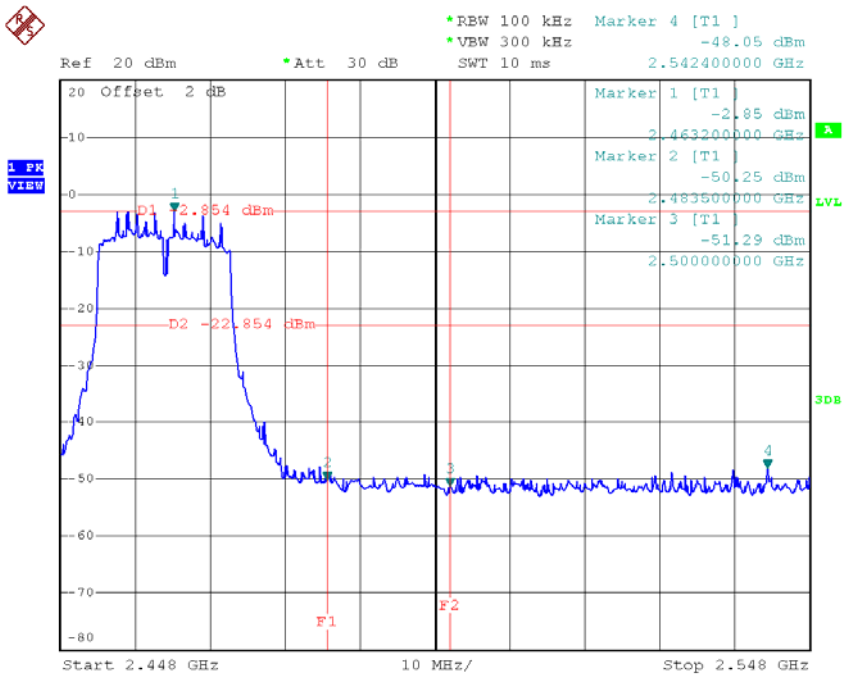
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



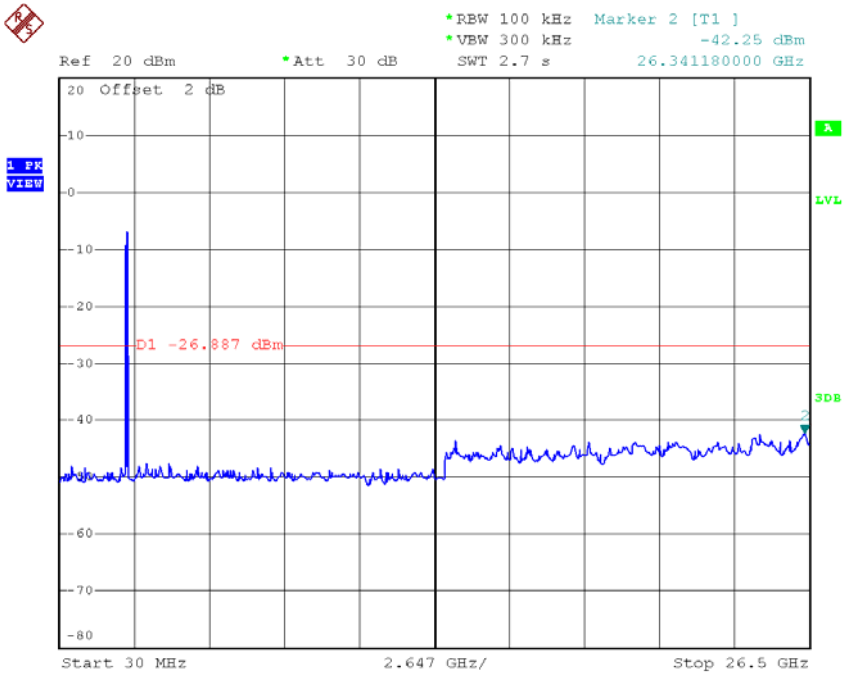
Date: 18.MAR.2015 13:57:44

TX HT20 mode CH11



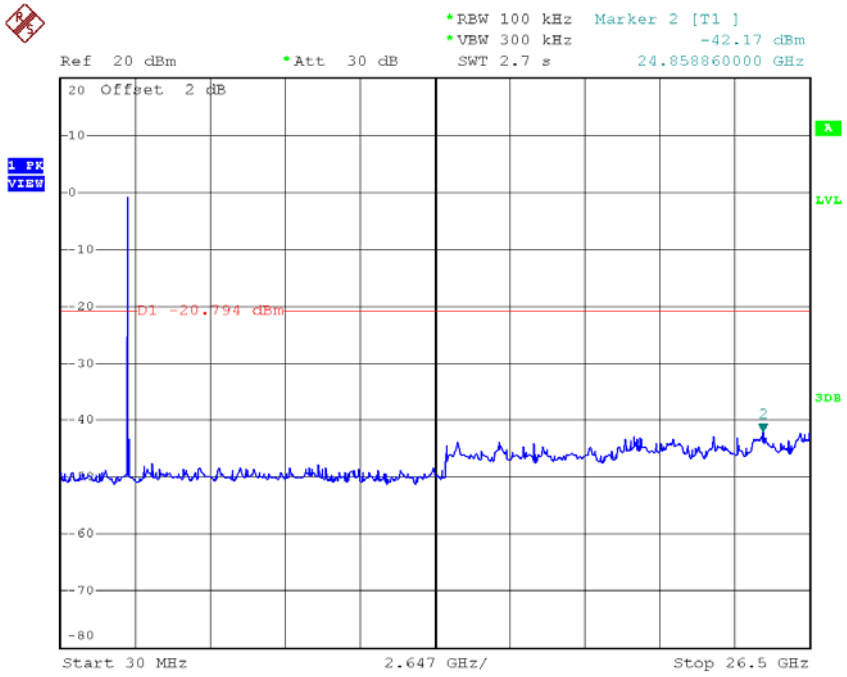
Date: 18.MAR.2015 13:59:58

TX HT20 mode CH01 (10 Harmonic of the frequency)



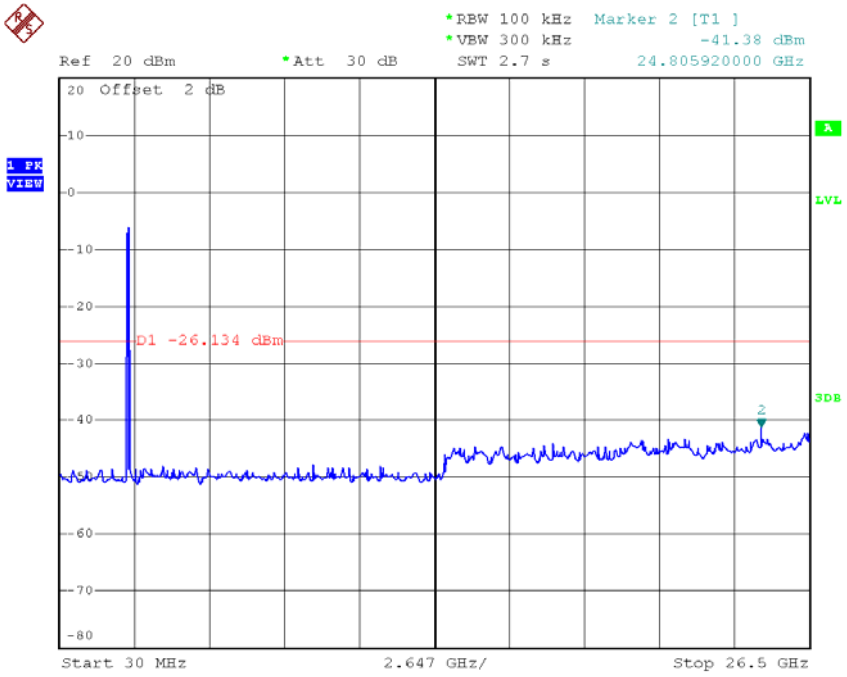
Date: 18.MAR.2015 13:57:36

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:58:57

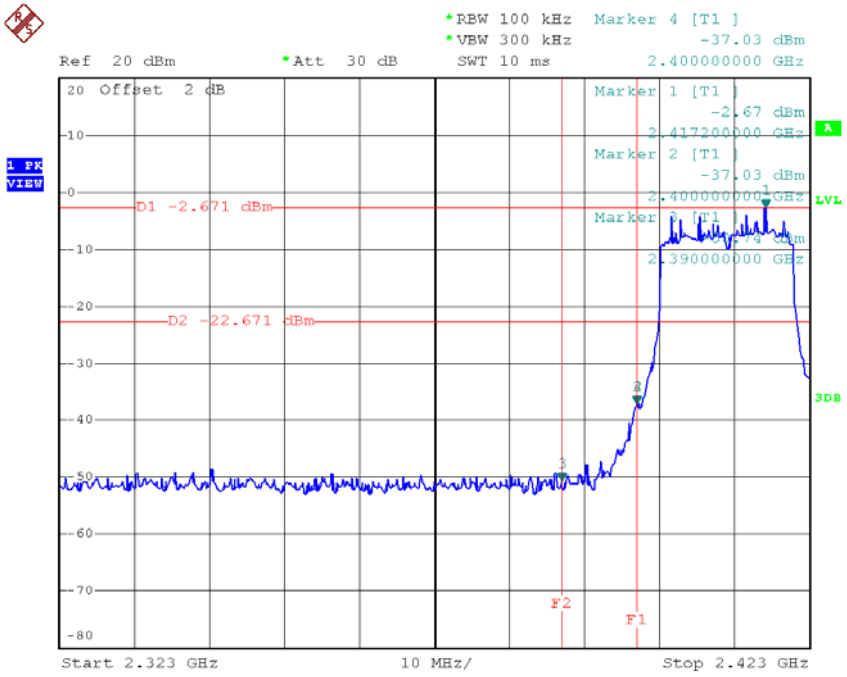
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 13:59:50

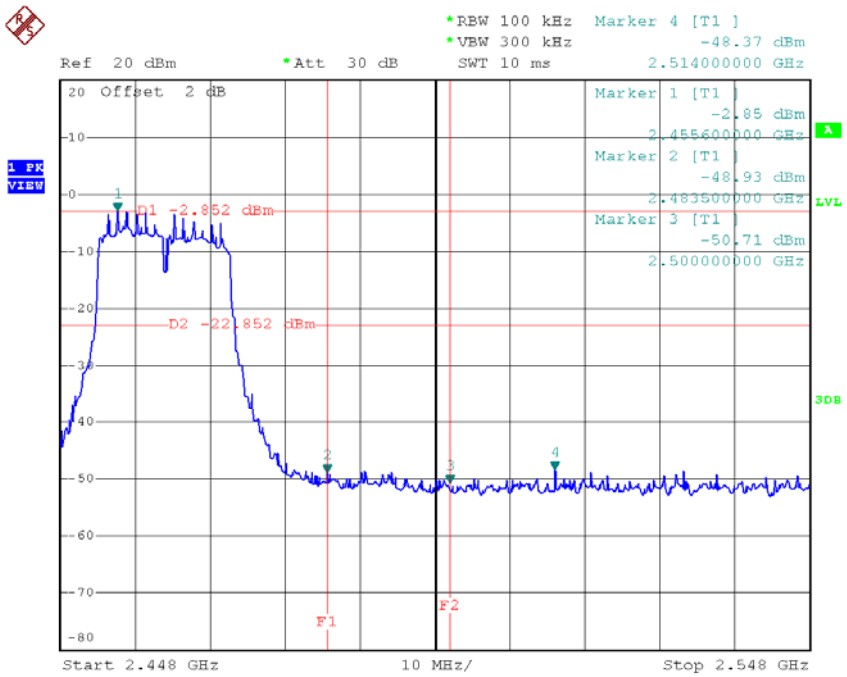
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



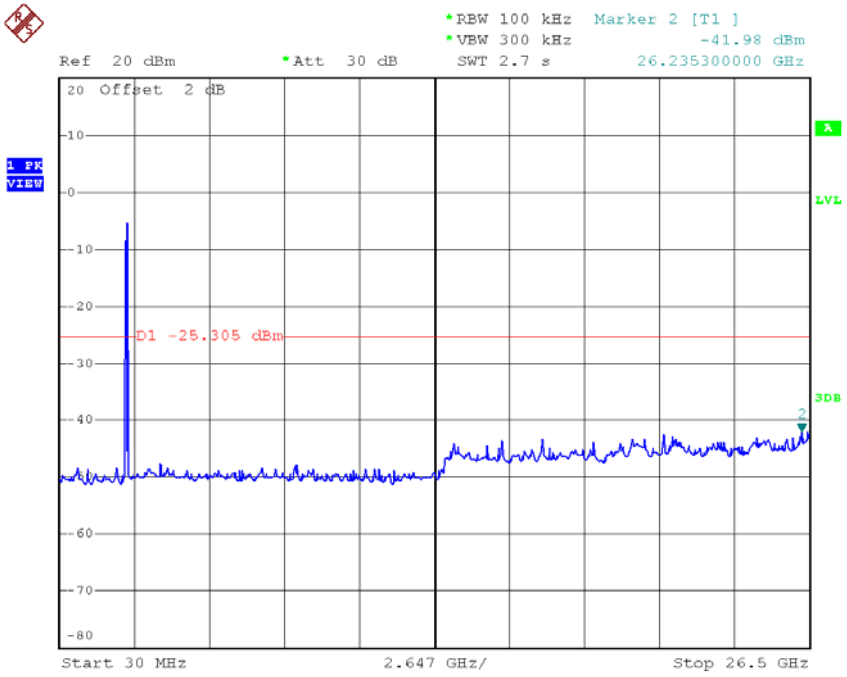
Date: 18.MAR.2015 14:16:45

TX HT20 mode CH11



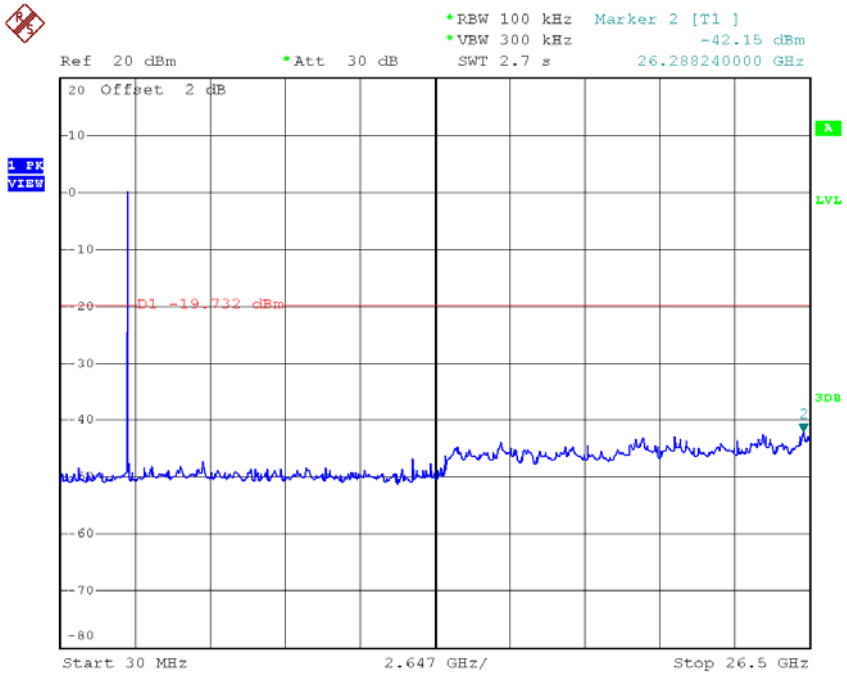
Date: 18.MAR.2015 14:18:49

TX HT20 mode CH01 (10 Harmonic of the frequency)



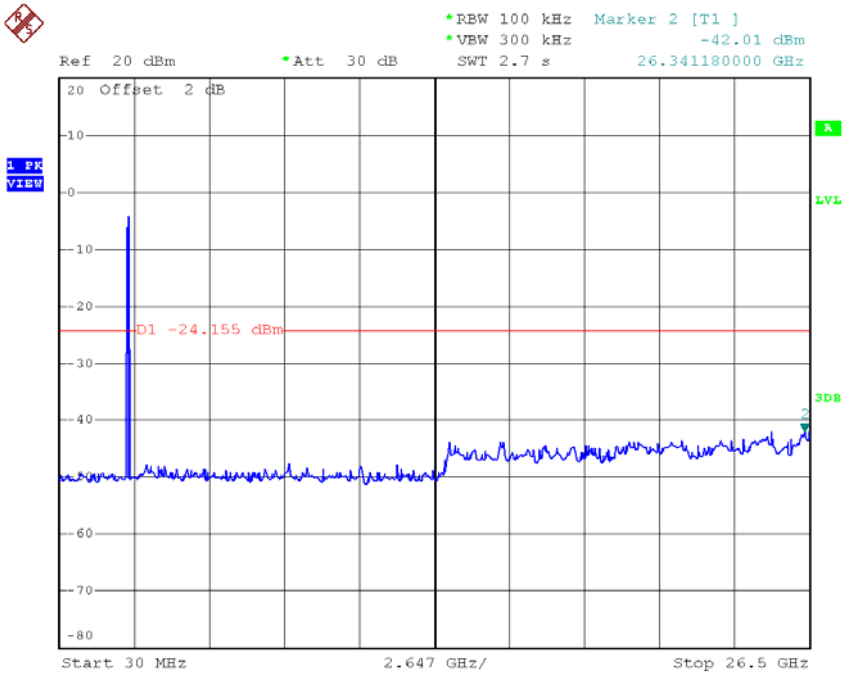
Date: 18.MAR.2015 14:16:38

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:17:33

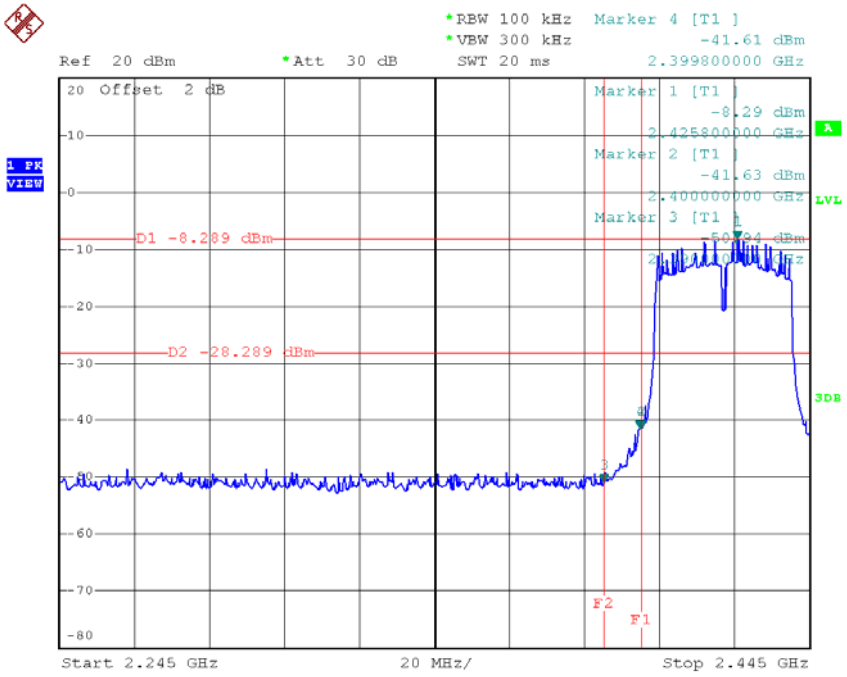
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:18:42

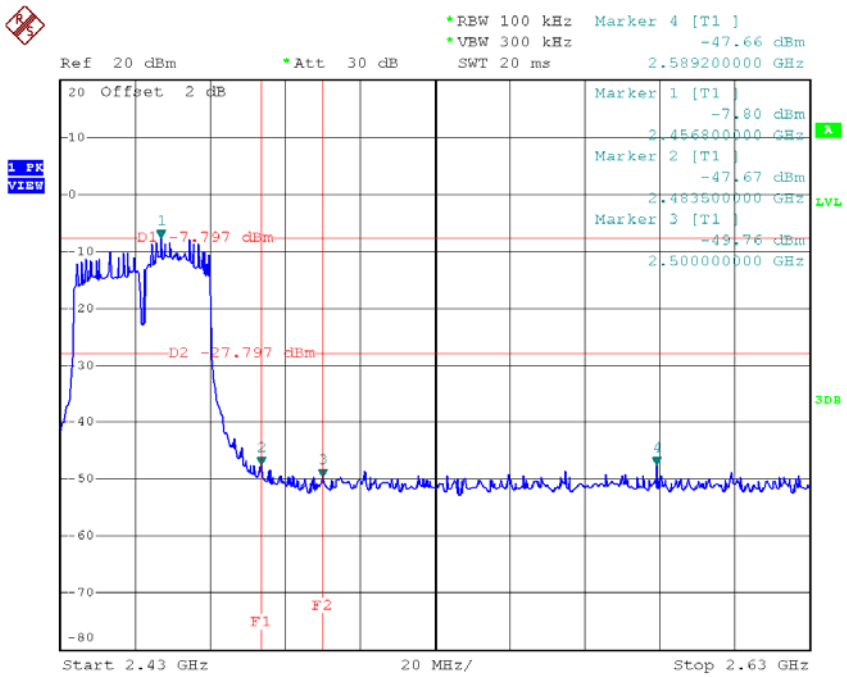
Test Mode :	TX N-40M Mode_ANT 1

TX HT40 mode CH03



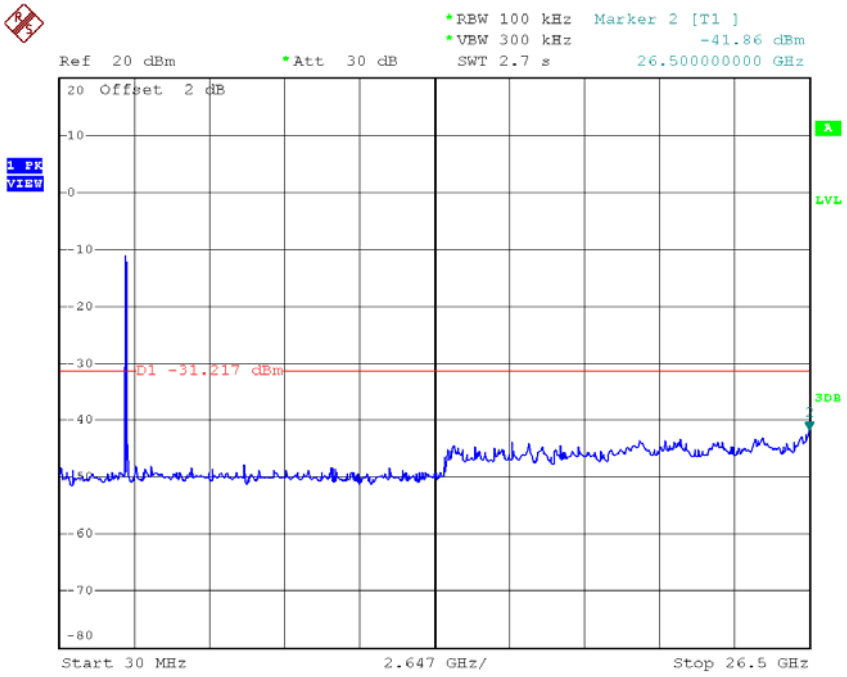
Date: 18.MAR.2015 14:01:08

TX HT40 mode CH09



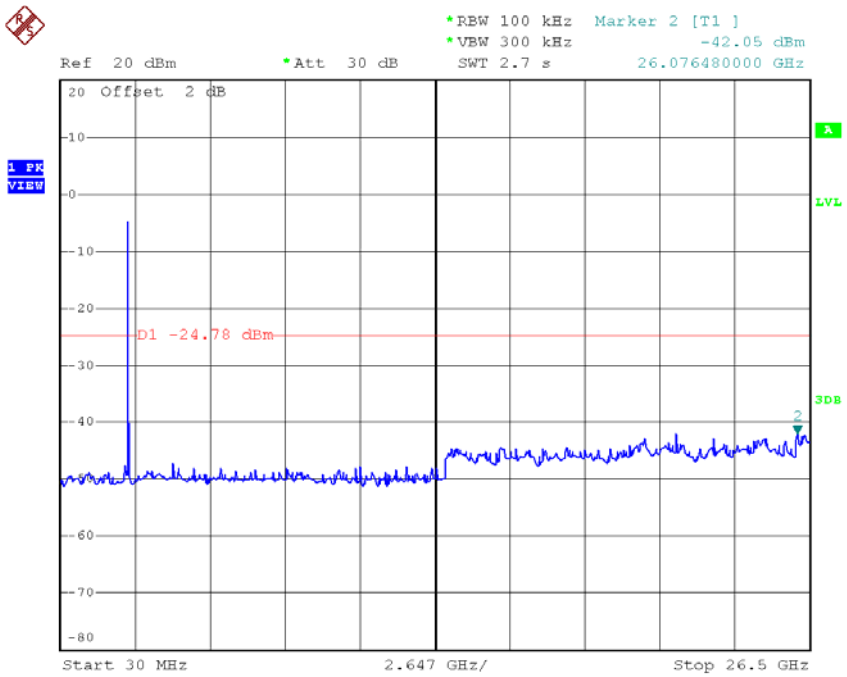
Date: 18.MAR.2015 14:07:27

TX HT40 mode CH03 (10 Harmonic of the frequency)



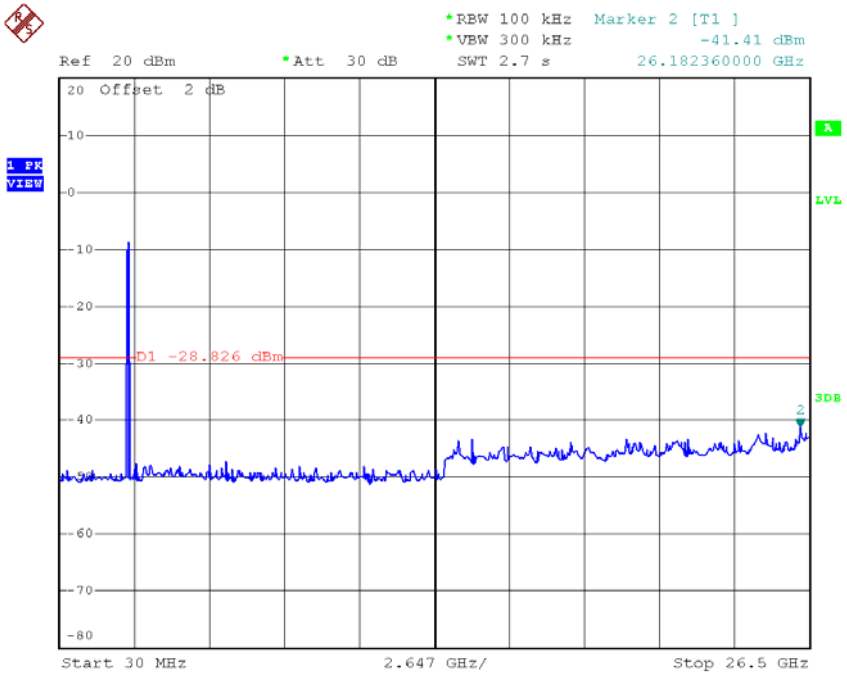
Date: 18.MAR.2015 14:01:01

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:02:09

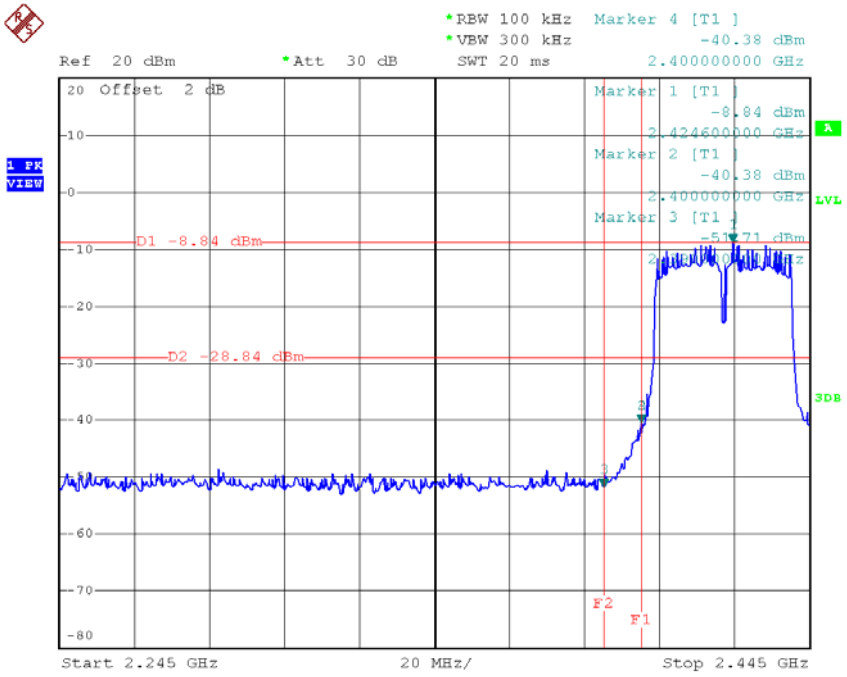
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:07:19

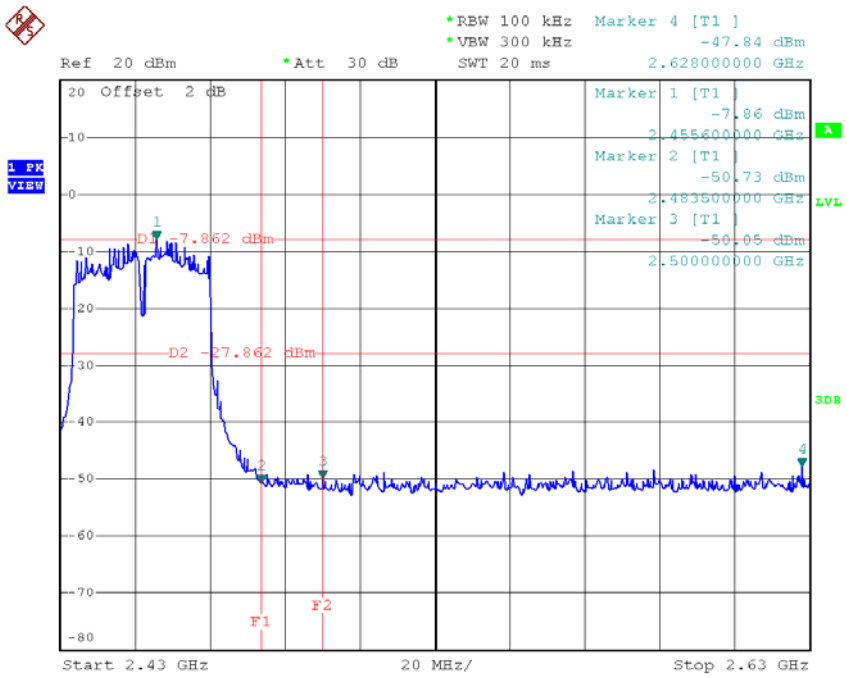
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



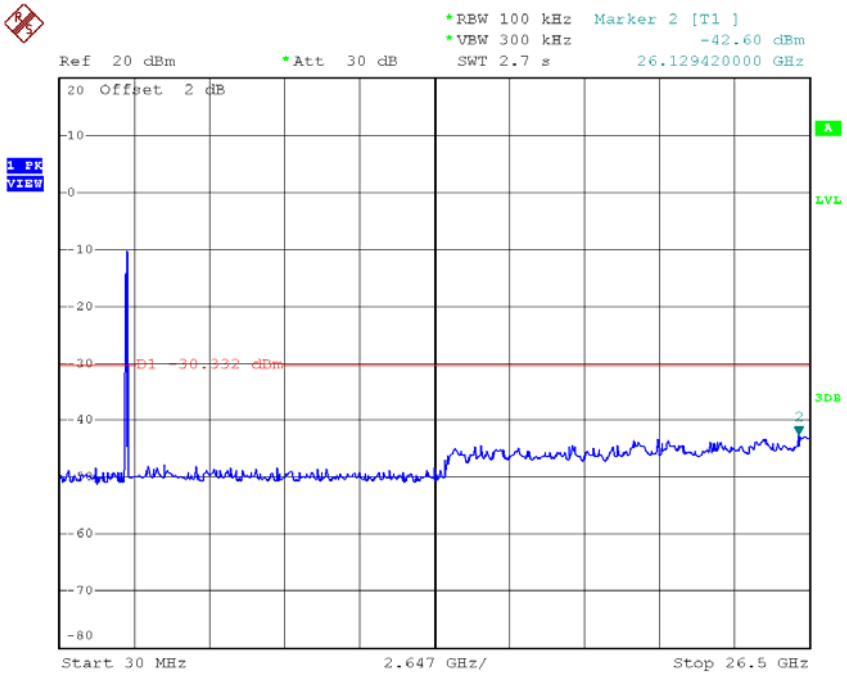
Date: 18.MAR.2015 14:22:03

TX HT40 mode CH09



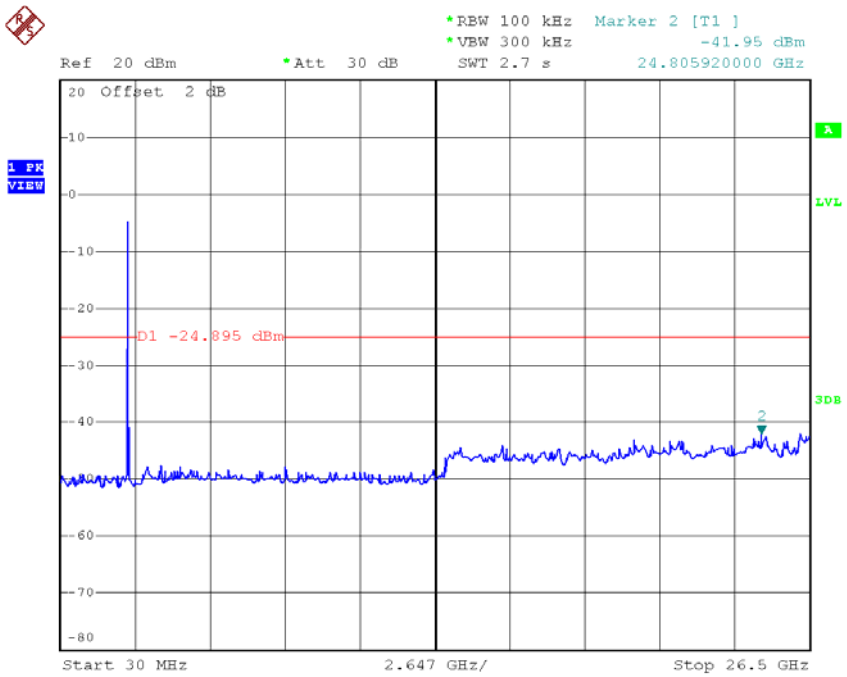
Date: 18.MAR.2015 14:24:22

TX HT40 mode CH03 (10 Harmonic of the frequency)



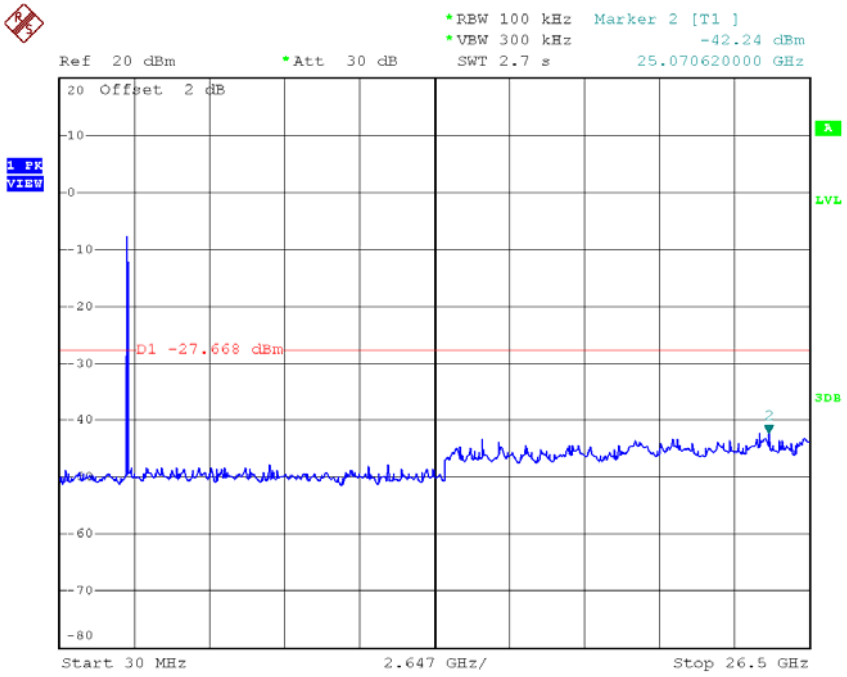
Date: 18.MAR.2015 14:21:56

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 18.MAR.2015 14:23:24

TX HT40 mode CH09 (10 Harmonic of the frequency)

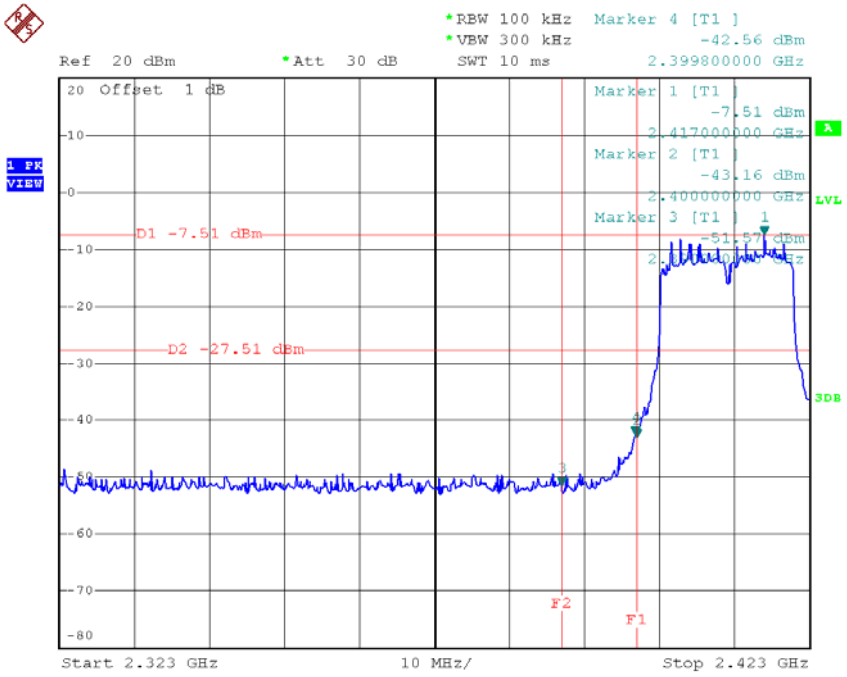


Date: 18.MAR.2015 14:24:14

For 2TX with beamforming

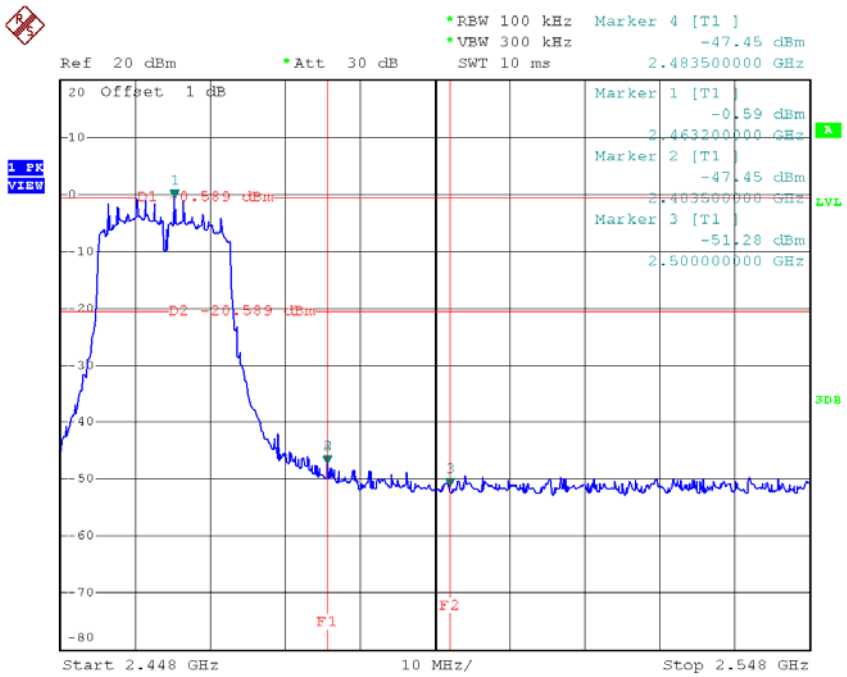
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



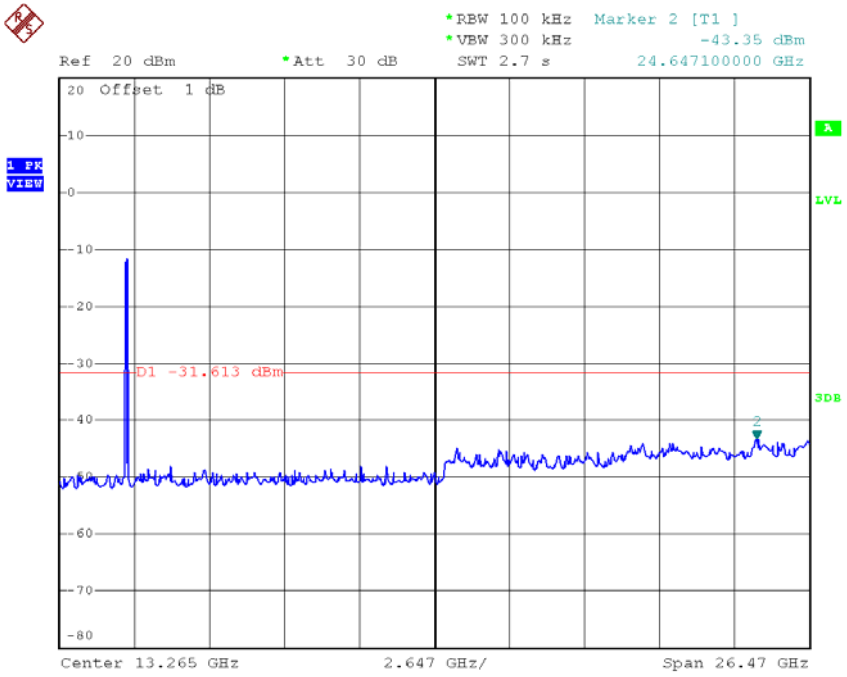
Date: 7.APR.2015 15:25:47

TX HT20 mode CH11



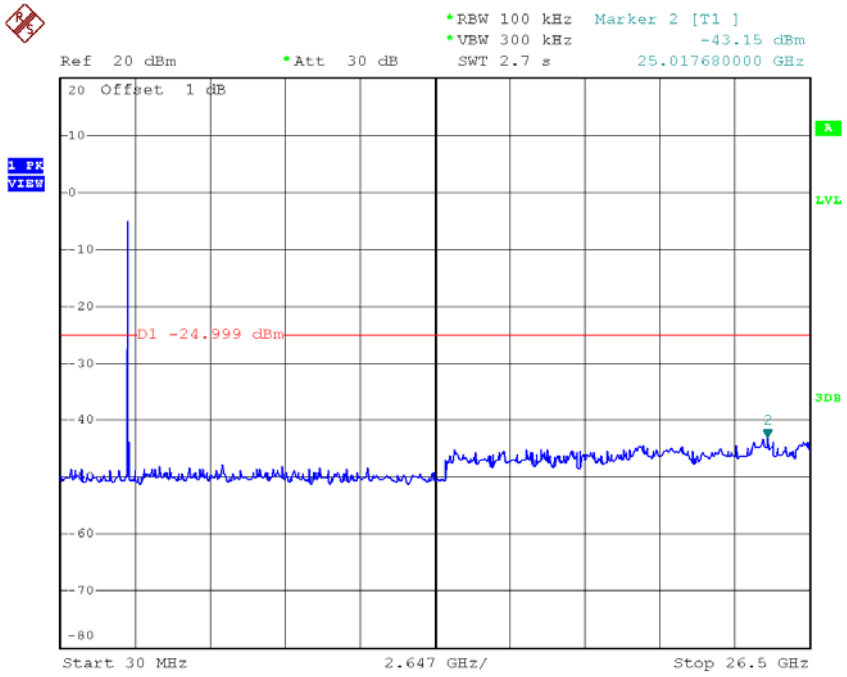
Date: 7.APR.2015 15:28:55

TX HT20 mode CH01 (10 Harmonic of the frequency)



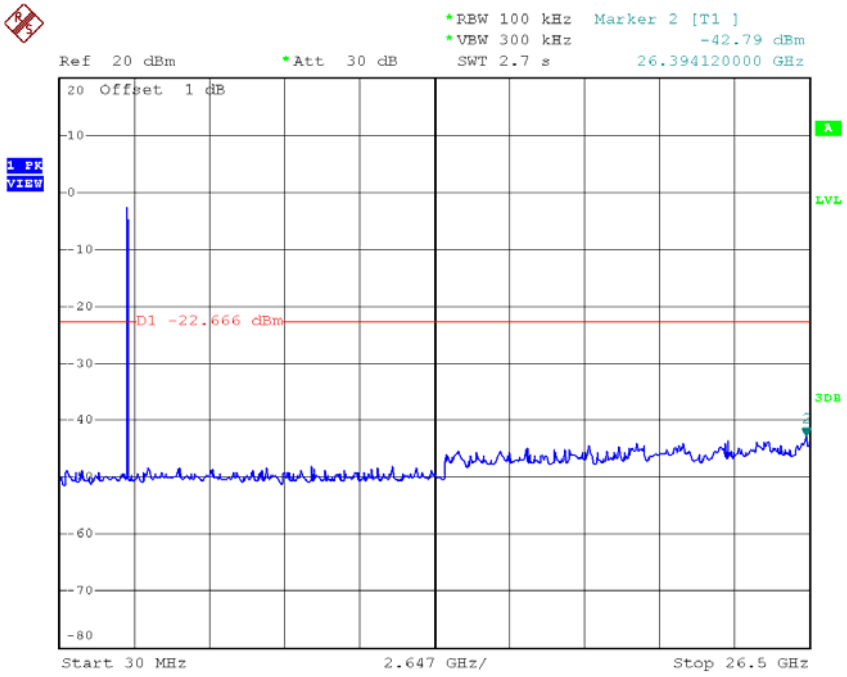
Date: 7.APR.2015 15:25:07

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:26:38

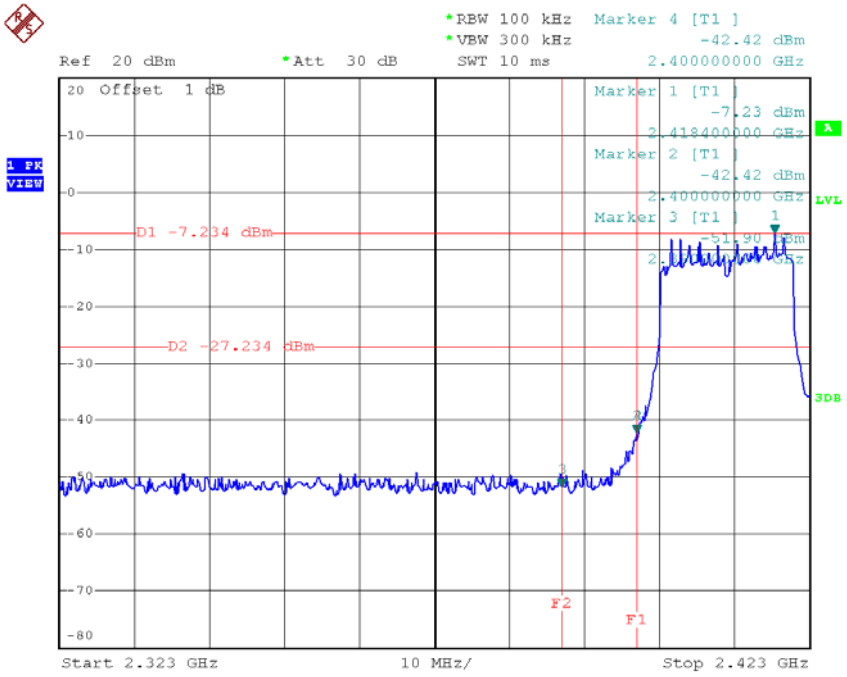
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:28:48

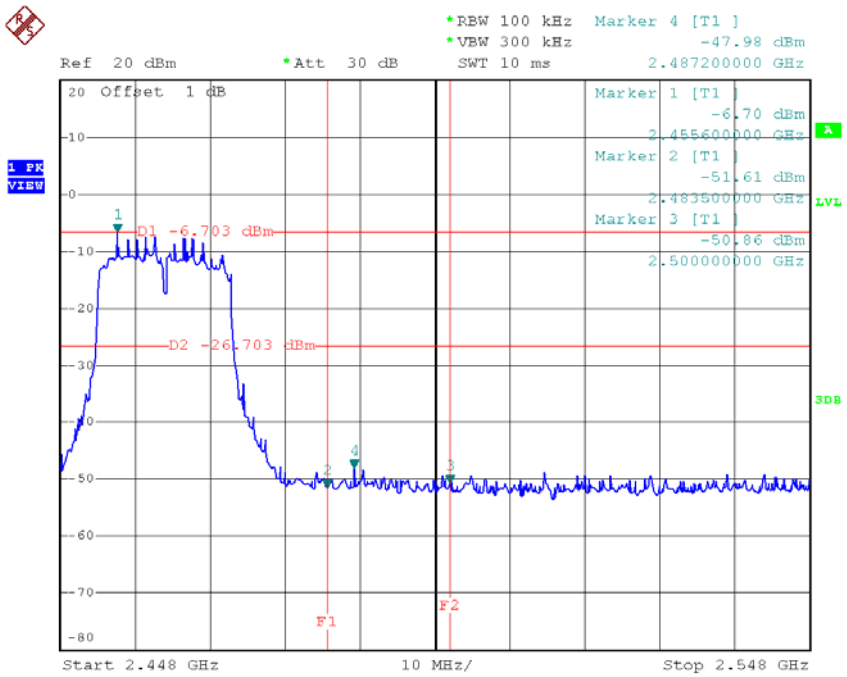
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



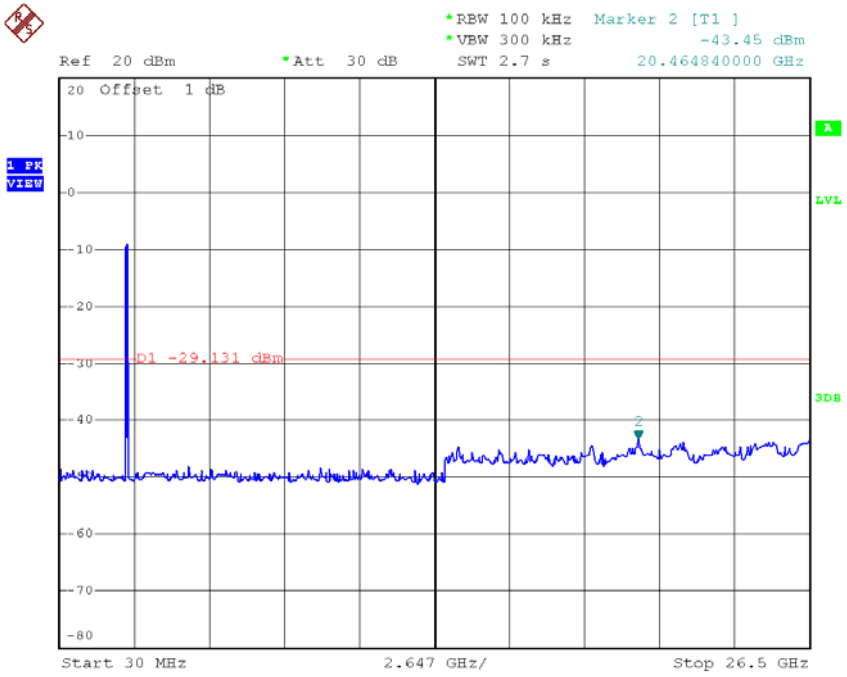
Date: 7.APR.2015 15:33:55

TX HT20 mode CH11



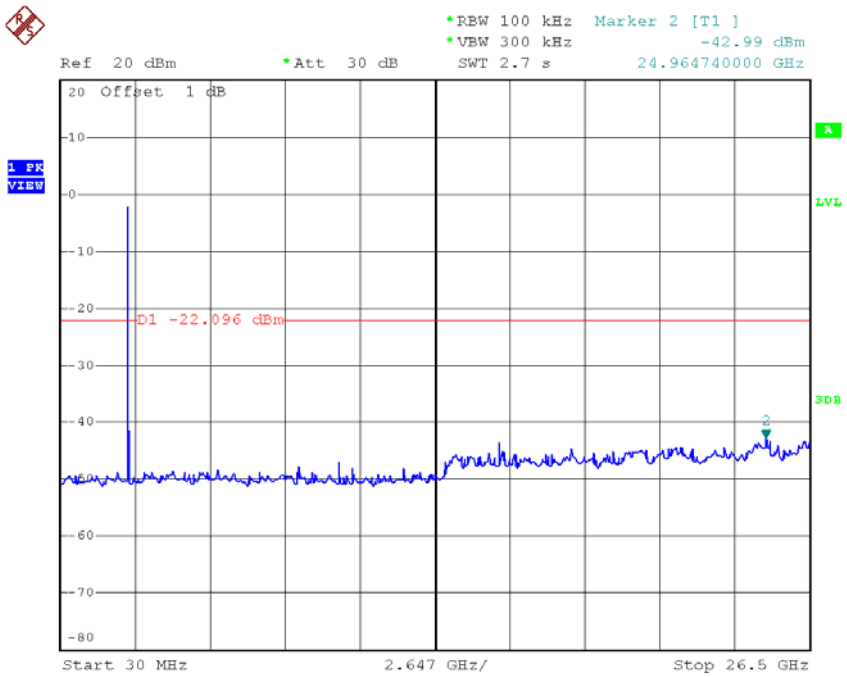
Date: 7.APR.2015 15:35:28

TX HT20 mode CH01 (10 Harmonic of the frequency)



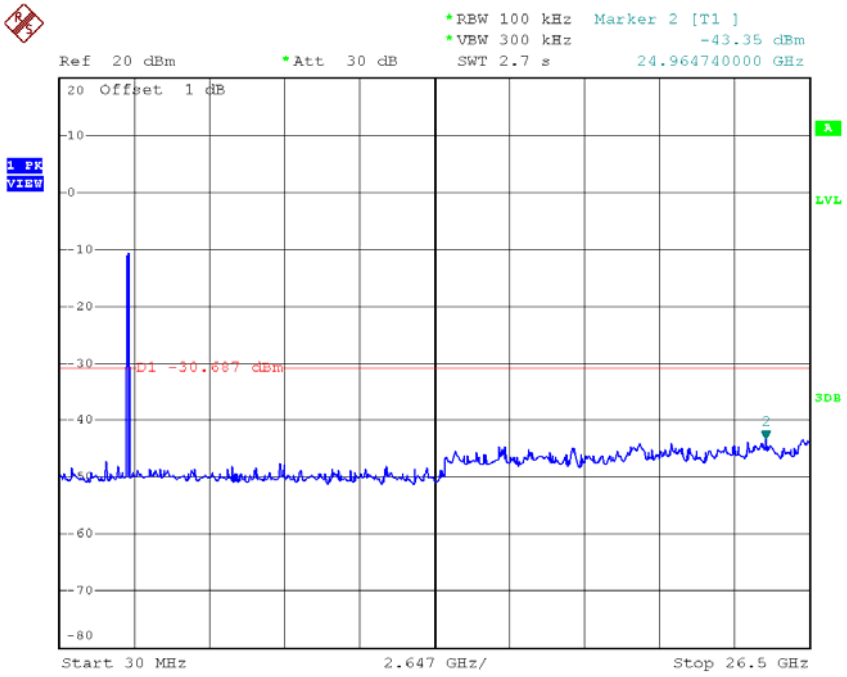
Date: 7.APR.2015 15:33:48

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:34:42

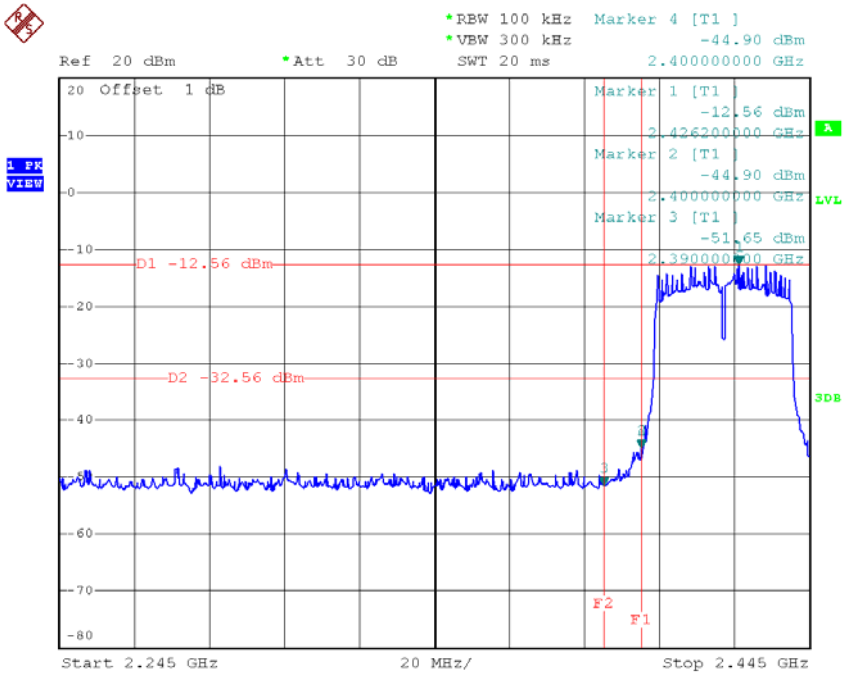
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:35:21

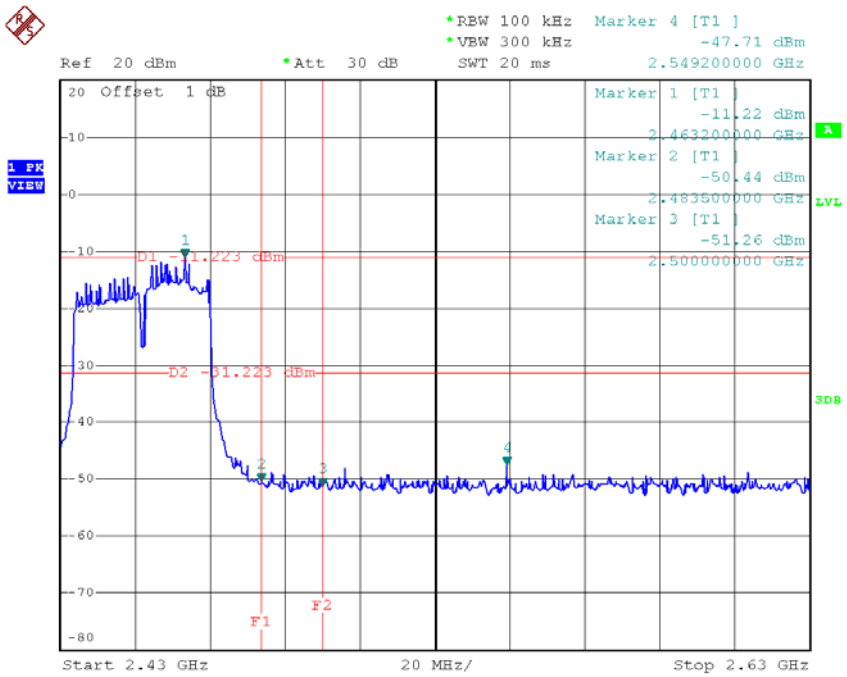
Test Mode :	**TX N-40M Mode_ANT 1**

TX HT40 mode CH03



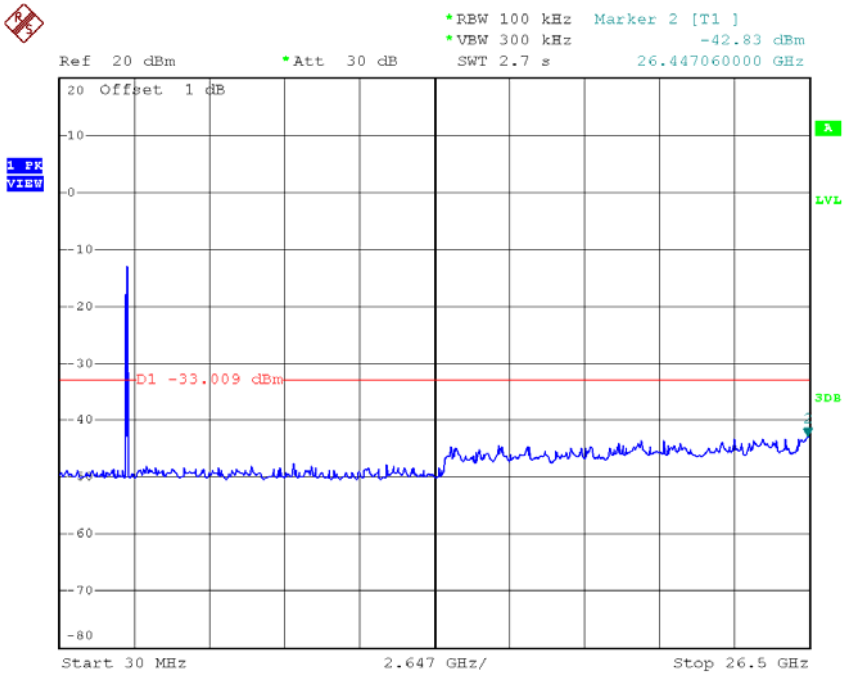
Date: 7.APR.2015 15:30:13

TX HT40 mode CH09



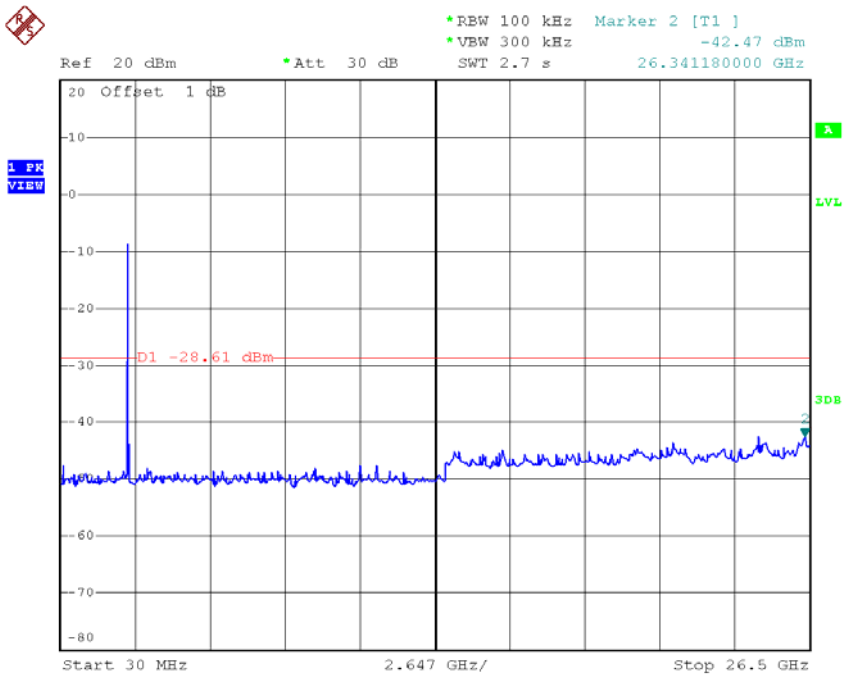
Date: 7.APR.2015 15:32:49

TX HT40 mode CH03 (10 Harmonic of the frequency)



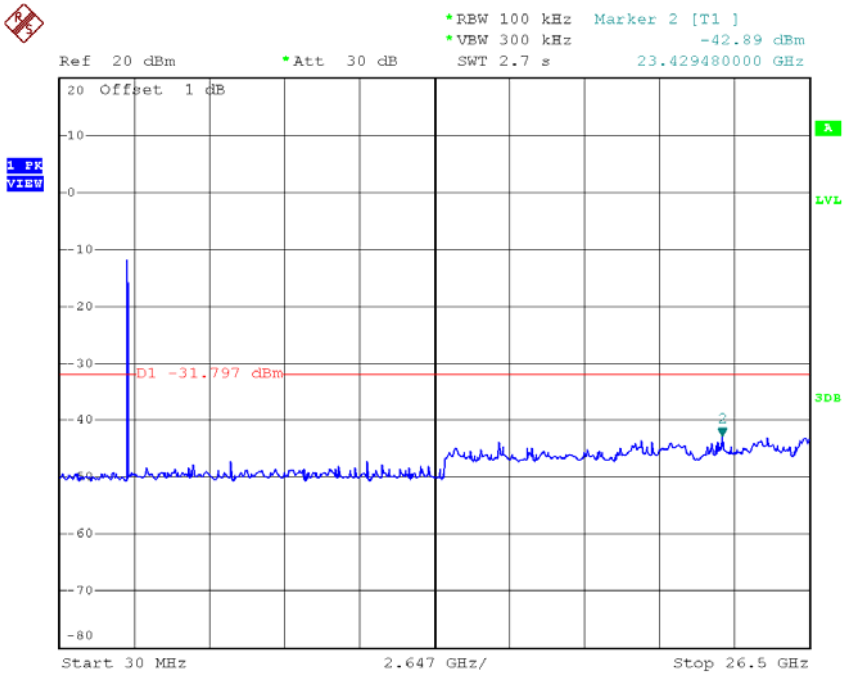
Date: 7.APR.2015 15:30:06

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:31:41

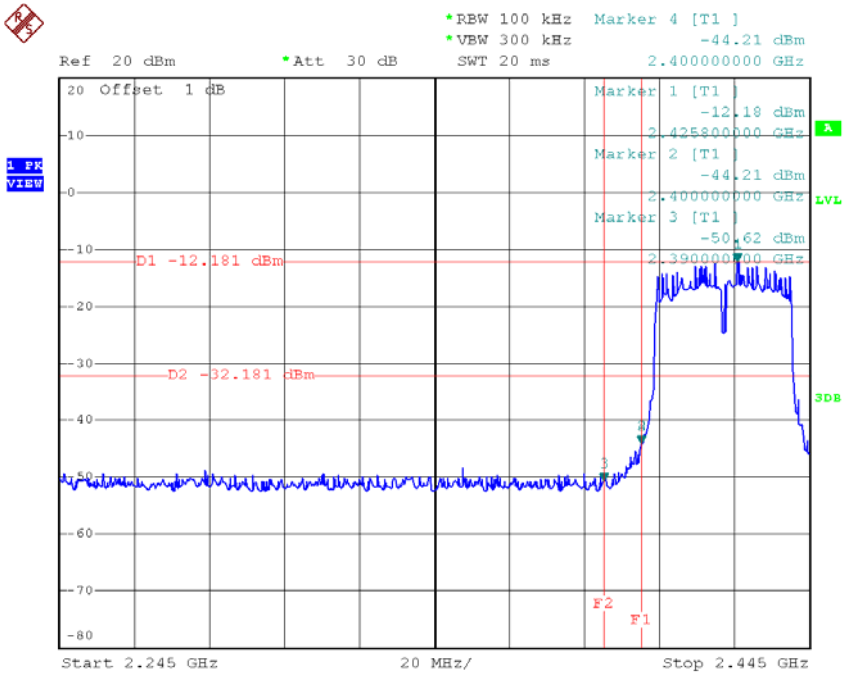
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:32:42

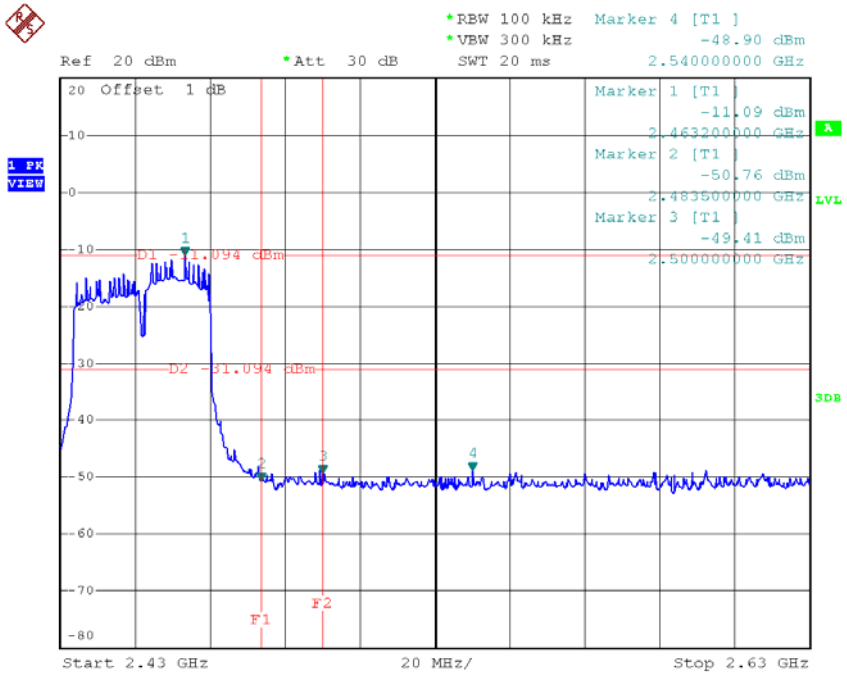
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



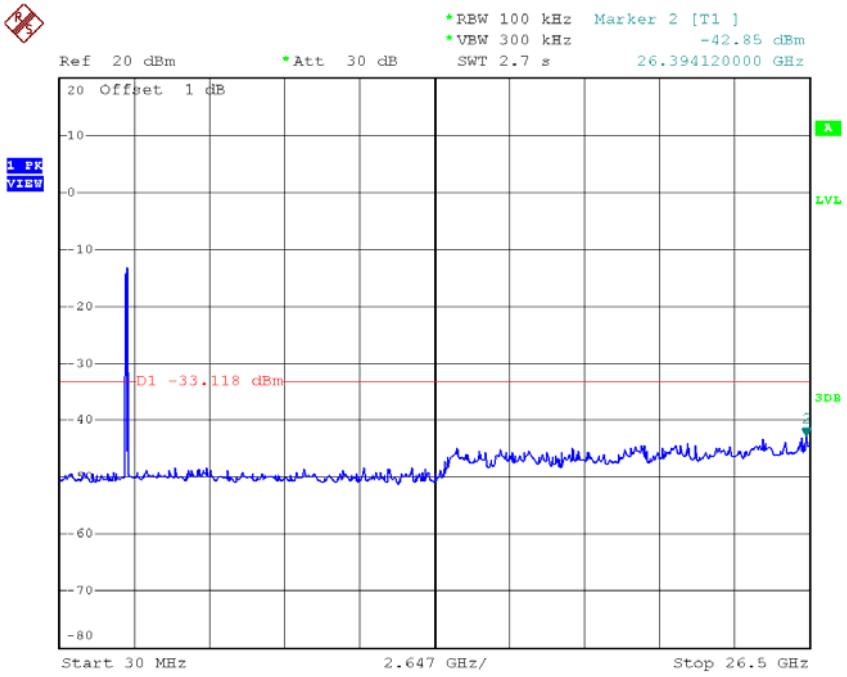
Date: 7.APR.2015 15:36:23

TX HT40 mode CH09



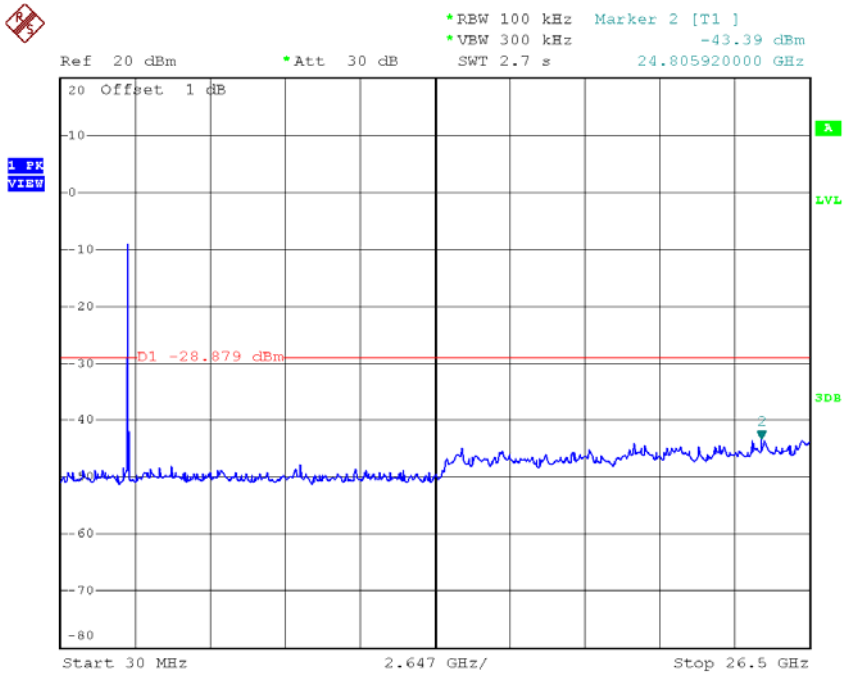
Date: 7.APR.2015 15:38:04

TX HT40 mode CH03 (10 Harmonic of the frequency)



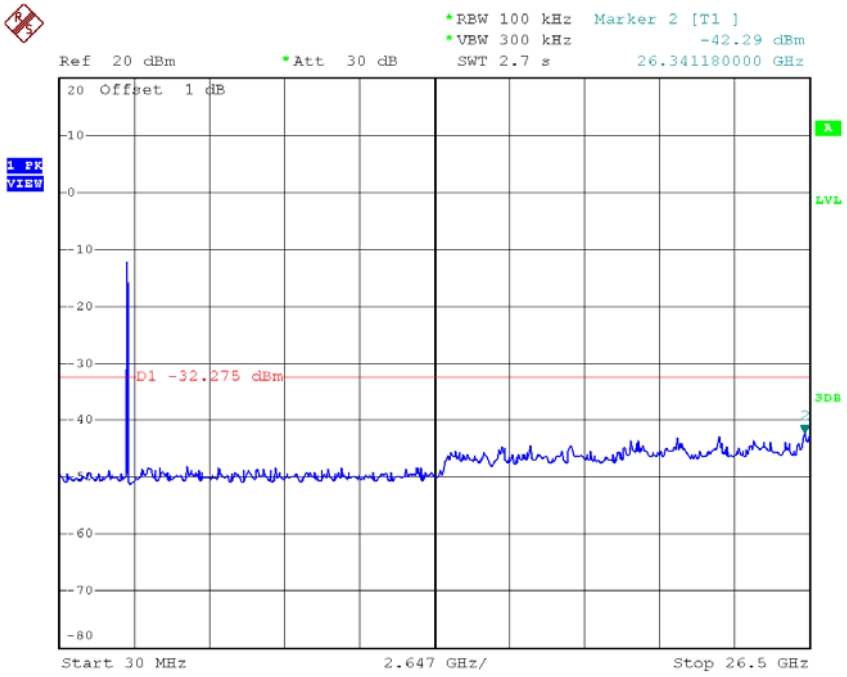
Date: 7.APR.2015 15:36:16

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:37:11

TX HT40 mode CH09 (10 Harmonic of the frequency)

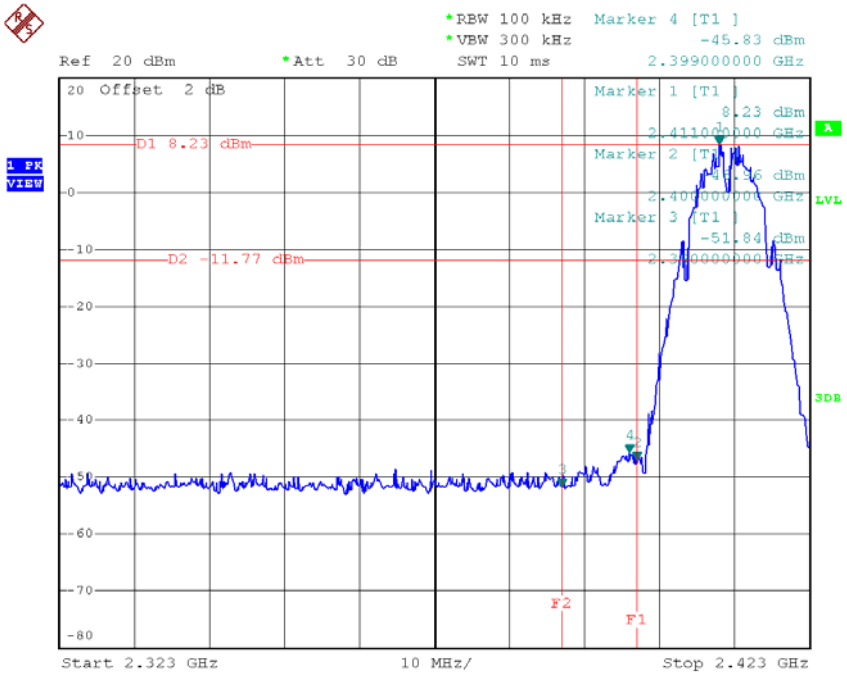


Date: 7.APR.2015 15:37:56

For 3TX

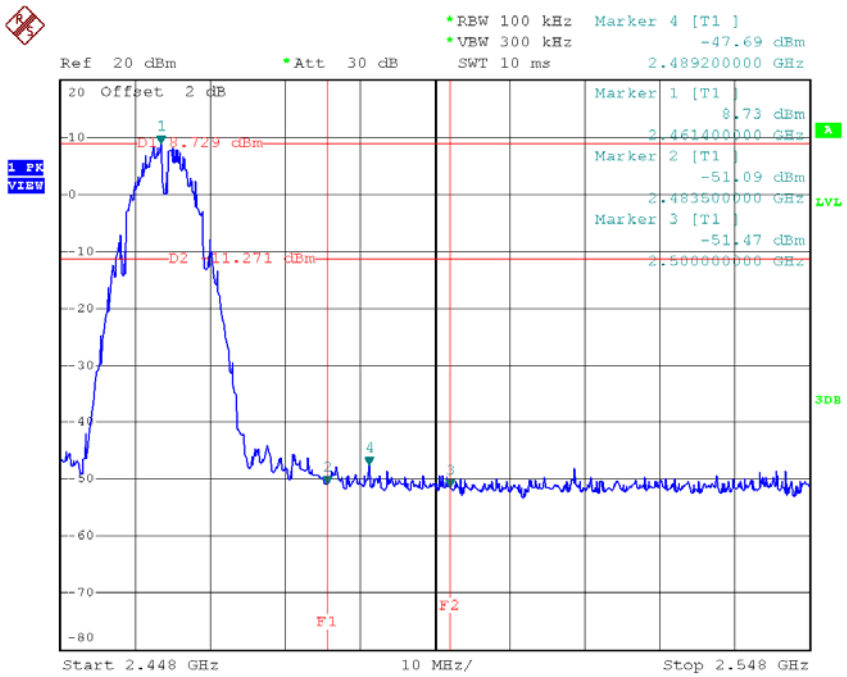
Test Mode :	TX B Mode_ANT 1

TX B mode CH01



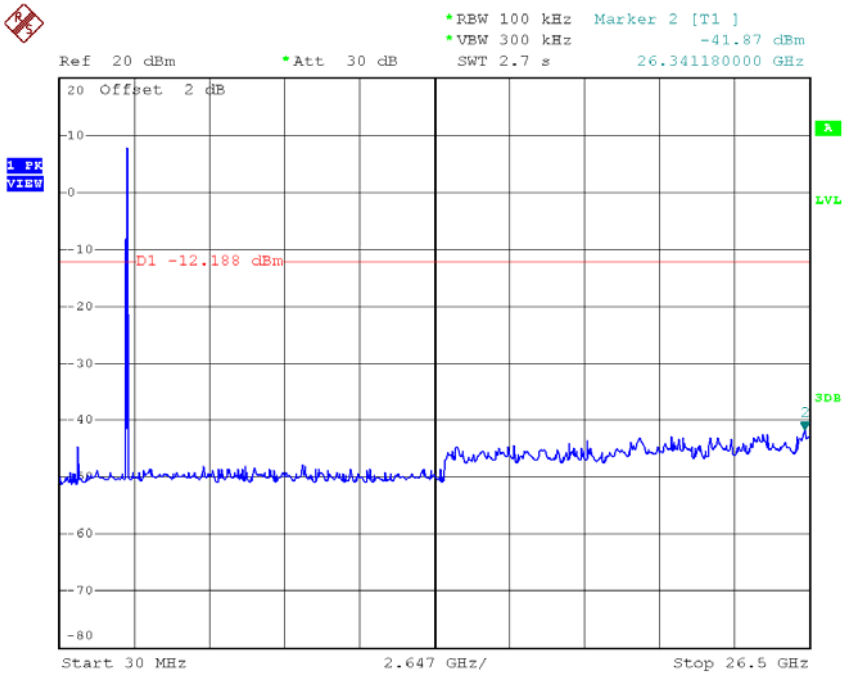
Date: 26.MAR.2015 09:44:02

TX B mode CH11



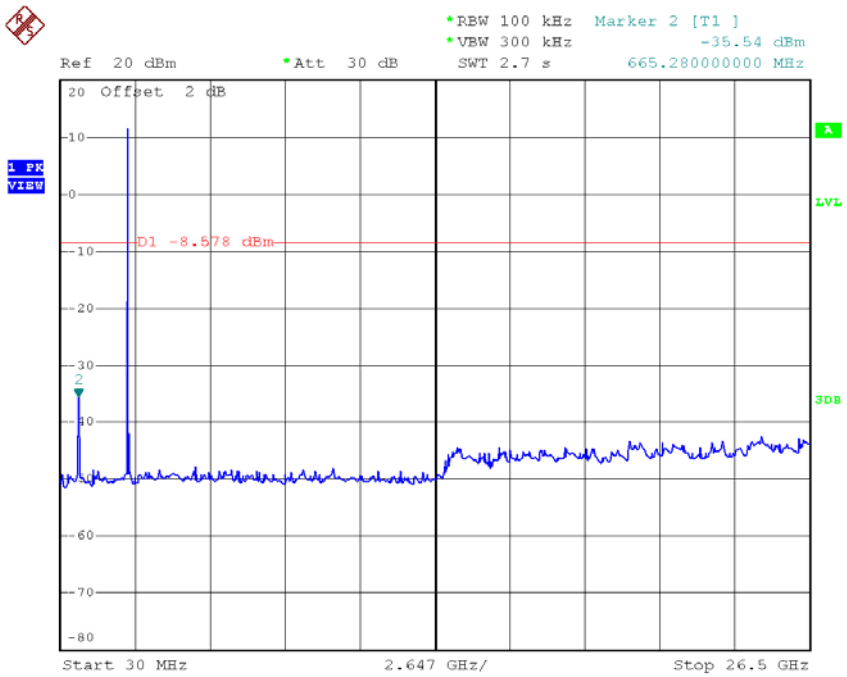
Date: 26.MAR.2015 09:46:18

TX B mode CH01 (10 Harmonic of the frequency)



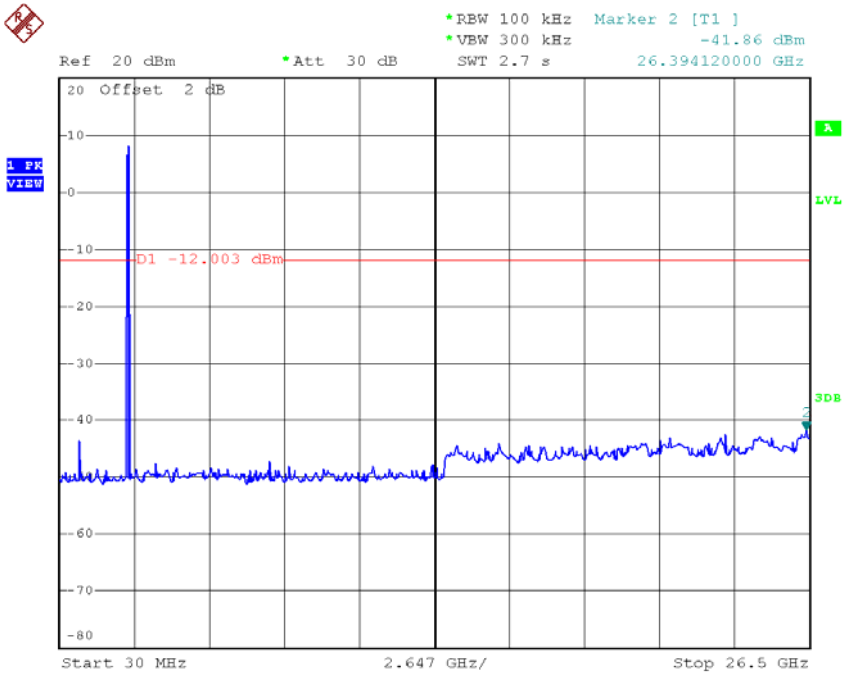
Date: 26.MAR.2015 09:43:54

TX B mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:45:22

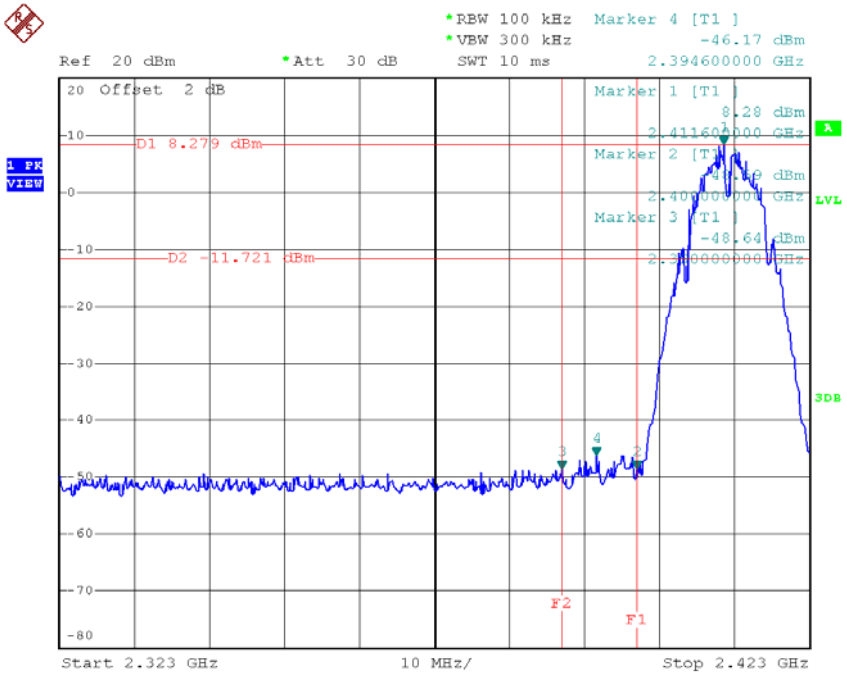
TX B mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:46:11

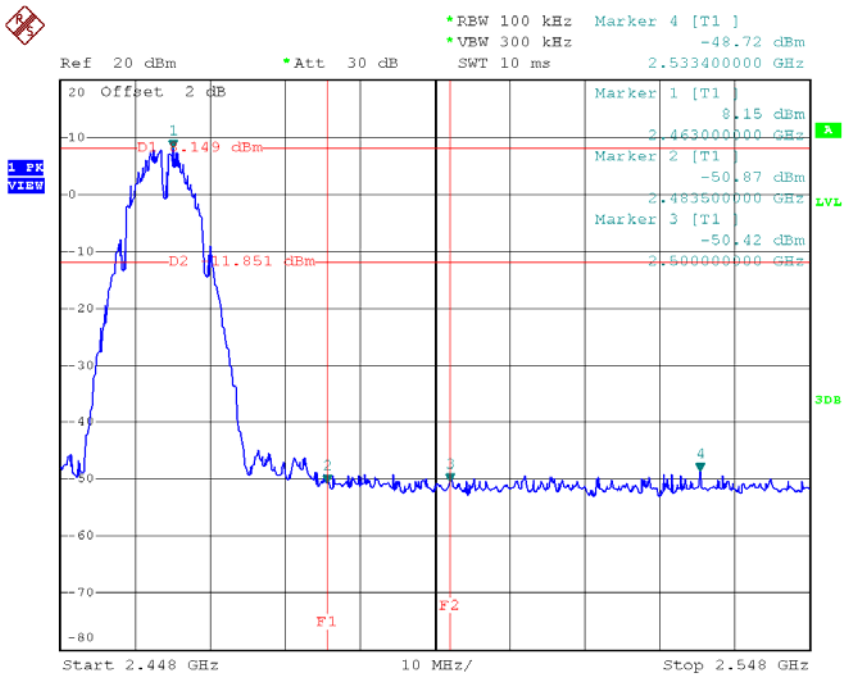
Test Mode :	**TX B Mode_ANT 2**

TX B mode CH01



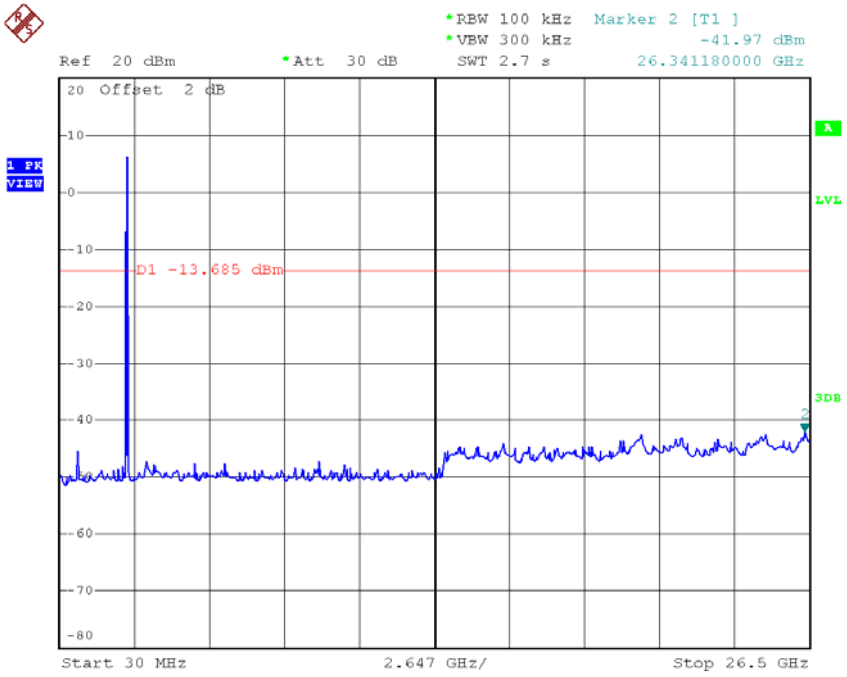
Date: 26.MAR.2015 10:00:33

TX B mode CH11



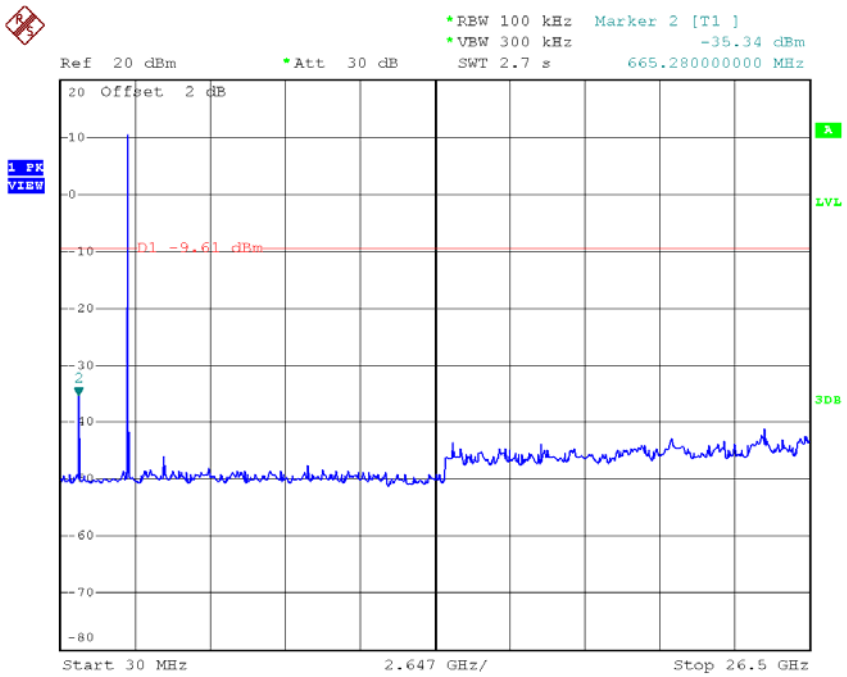
Date: 26.MAR.2015 10:03:16

TX B mode CH01 (10 Harmonic of the frequency)



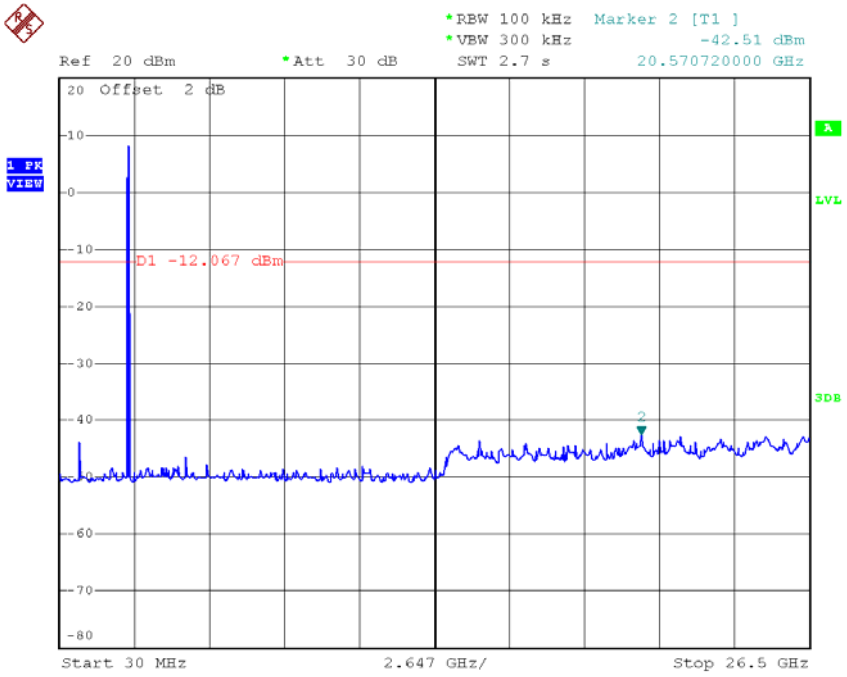
Date: 26.MAR.2015 10:00:25

TX B mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:01:44

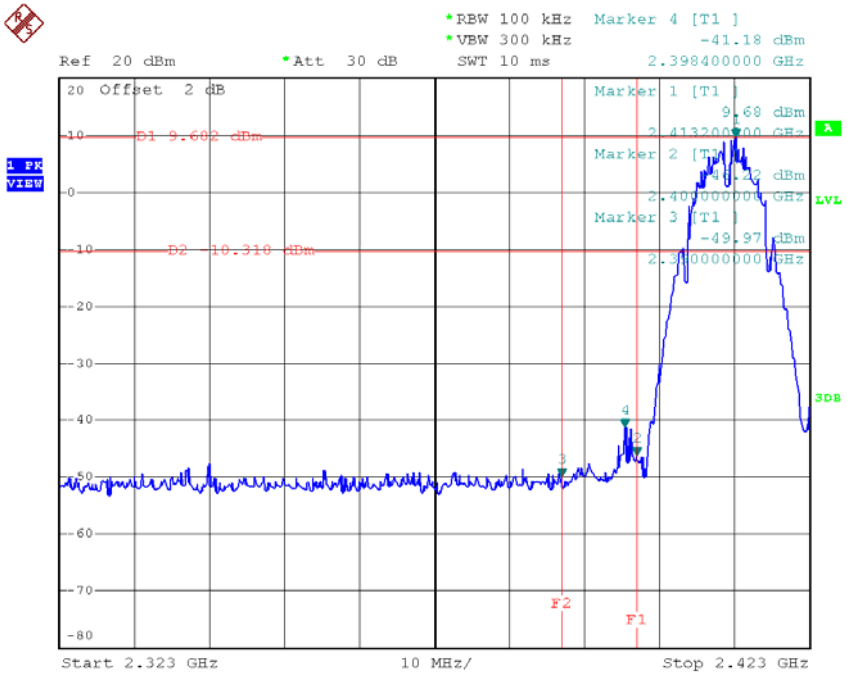
TX B mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:03:09

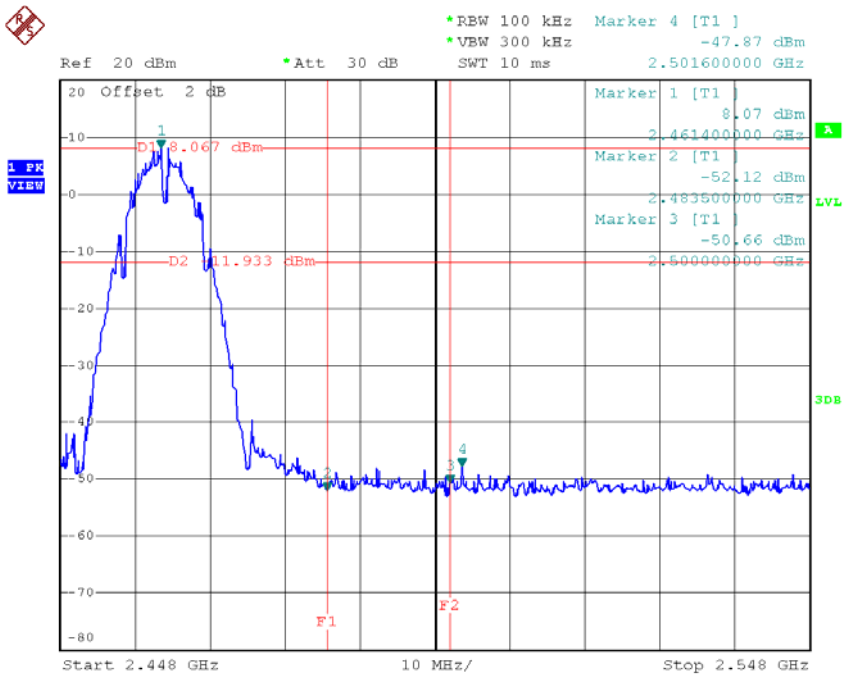
Test Mode :	**TX B Mode_ANT 3**

TX B mode CH01



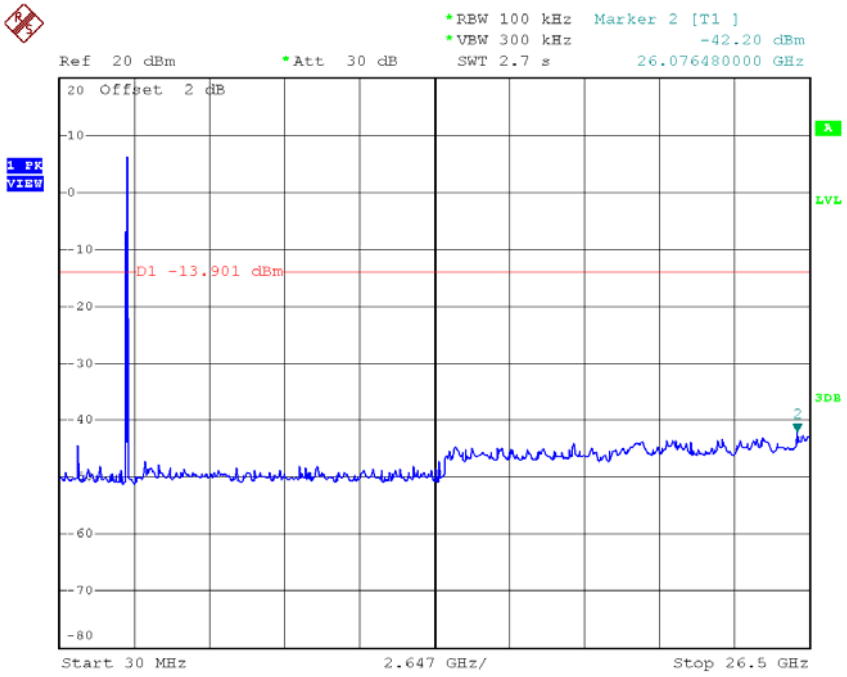
Date: 26.MAR.2015 10:15:30

TX B mode CH11



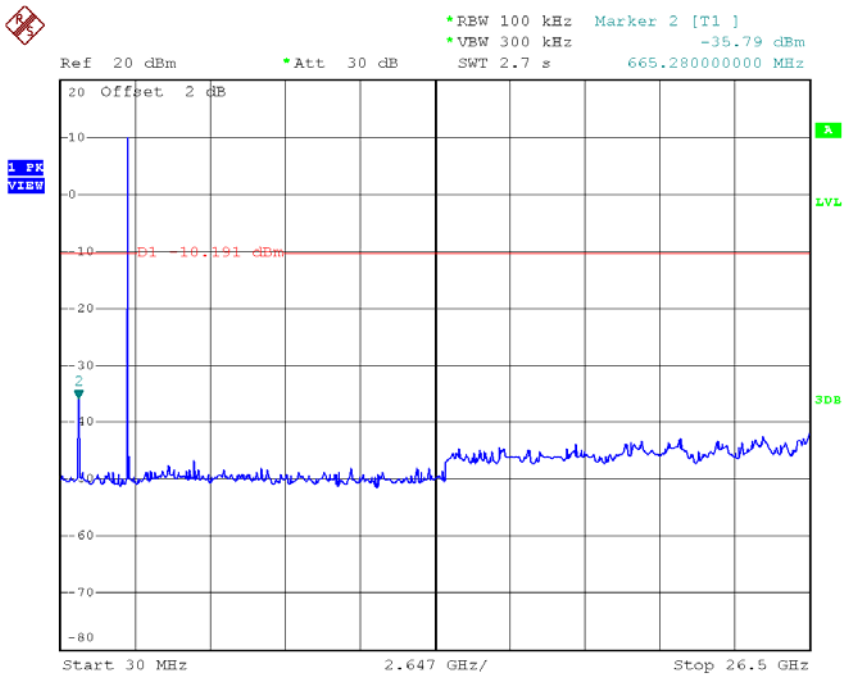
Date: 26.MAR.2015 10:17:31

TX B mode CH01 (10 Harmonic of the frequency)



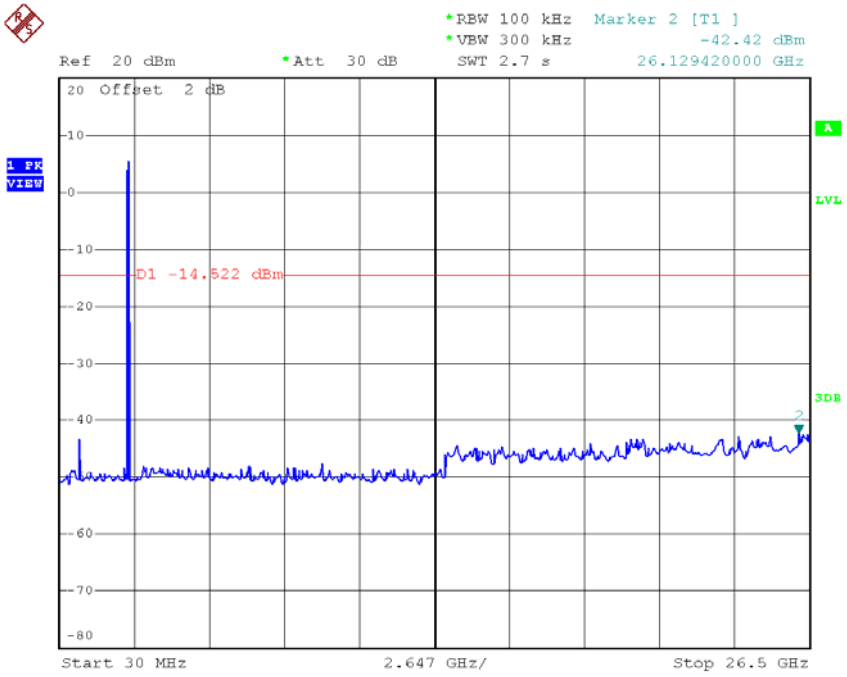
Date: 26.MAR.2015 10:15:23

TX B mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:16:37

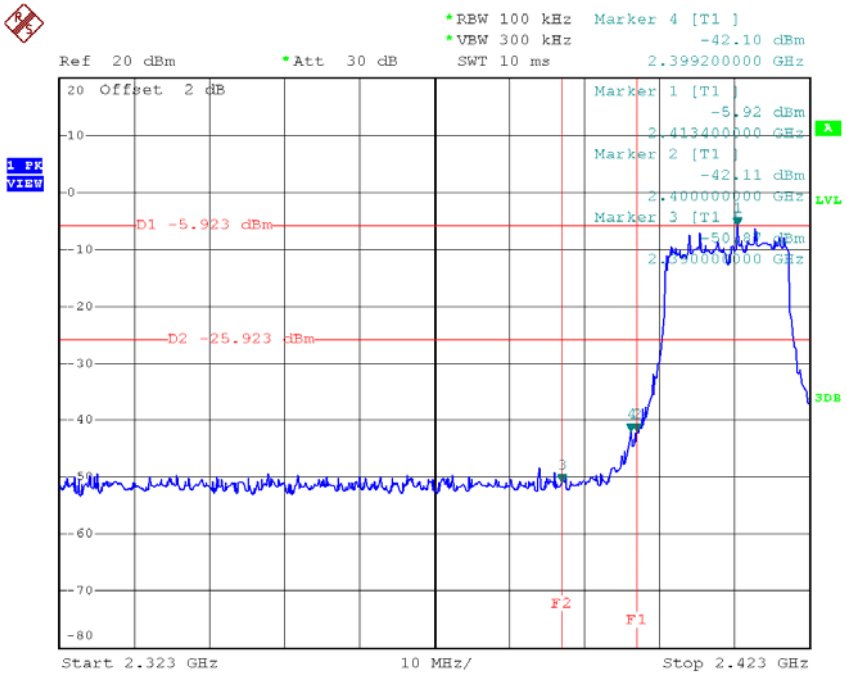
TX B mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:17:23

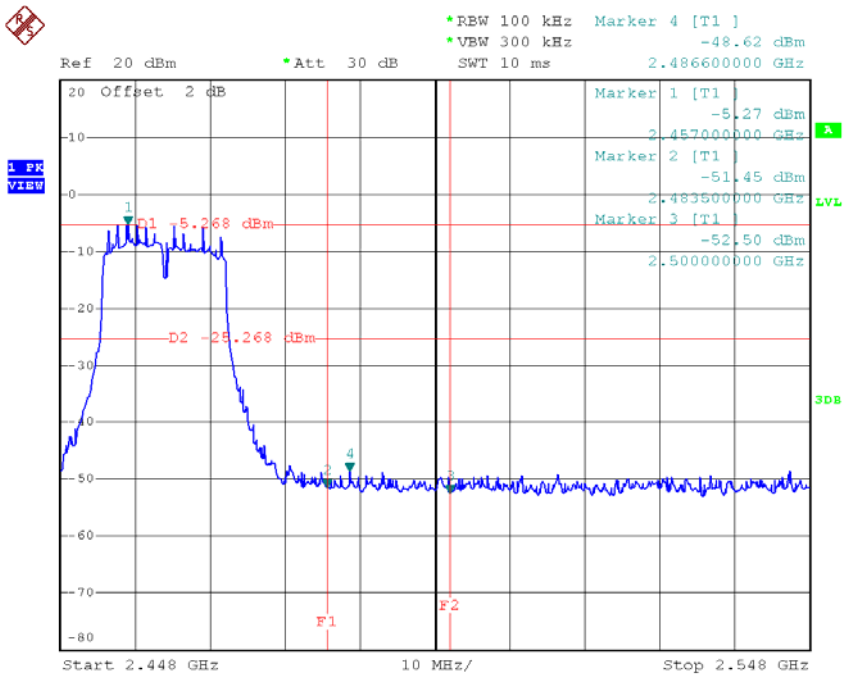
Test Mode :	**TX G Mode_ANT 1**

TX G mode CH01



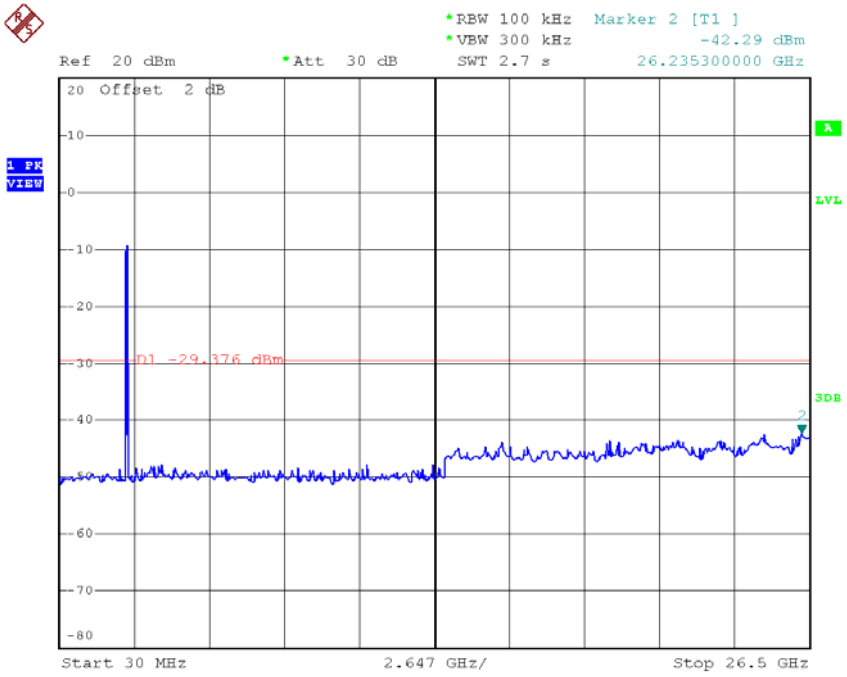
Date: 26.MAR.2015 09:47:25

TX G mode CH11



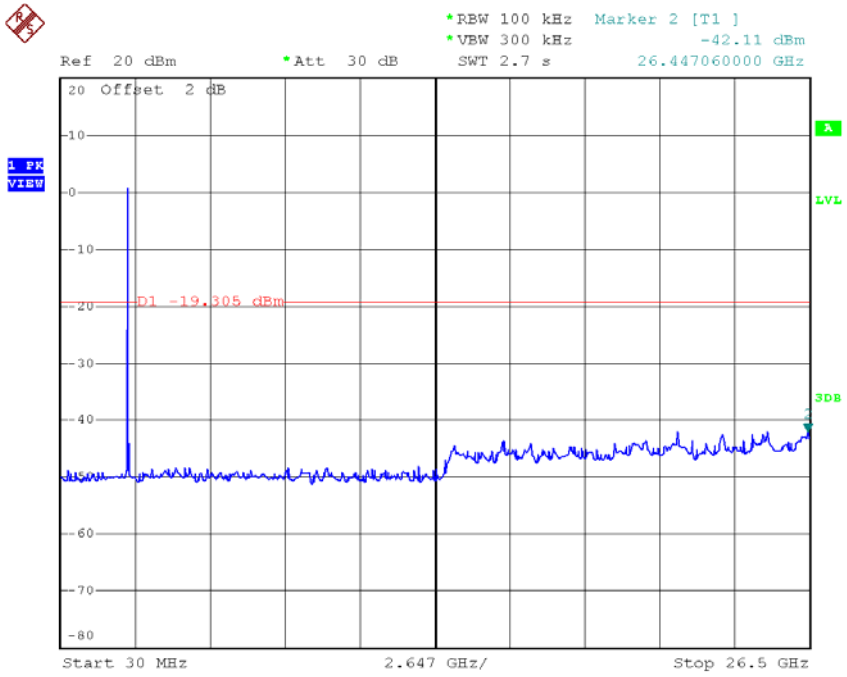
Date: 26.MAR.2015 09:49:10

TX G mode CH01 (10 Harmonic of the frequency)



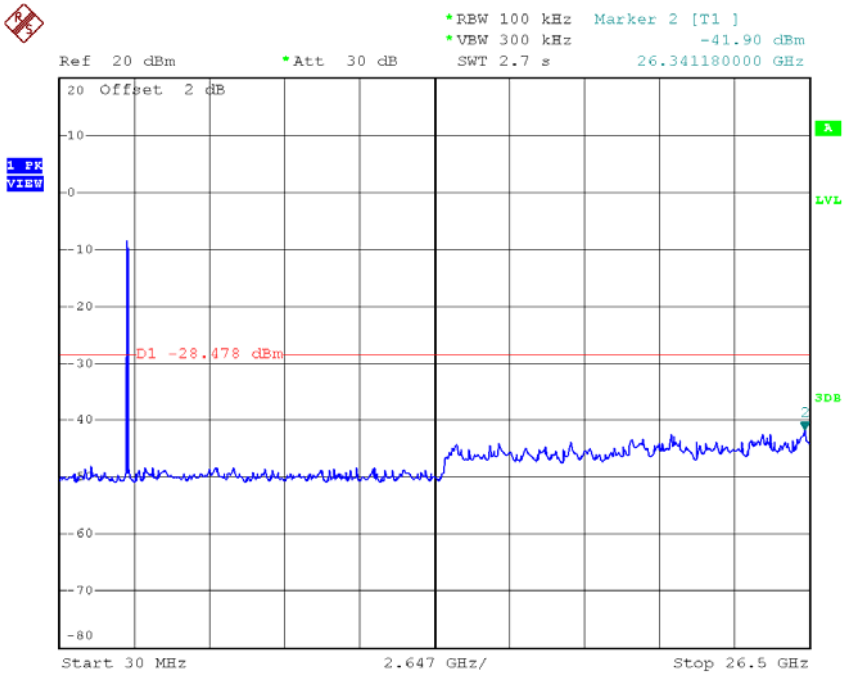
Date: 26.MAR.2015 09:47:18

TX G mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:48:17

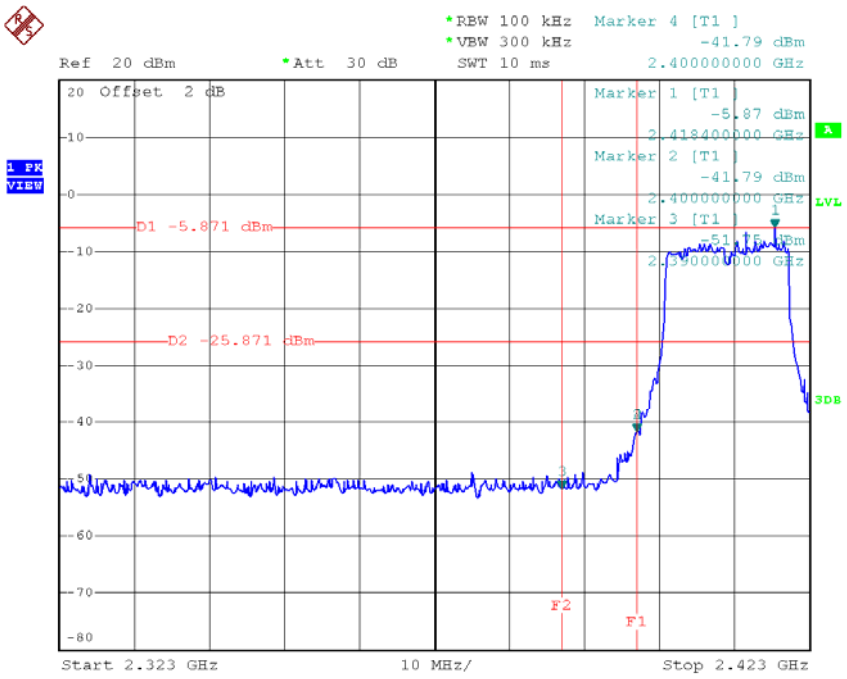
TX G mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:49:03

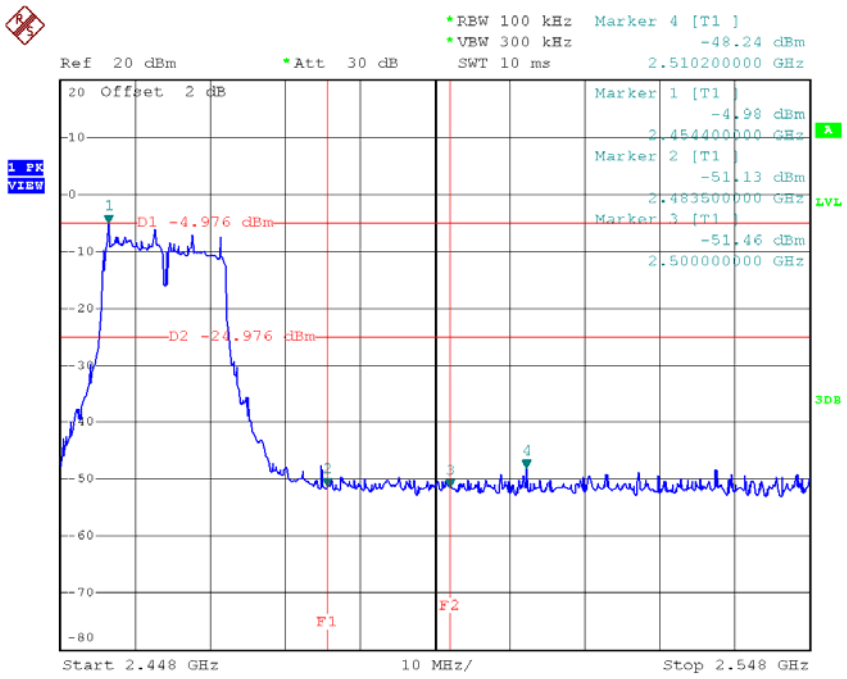
Test Mode :	**TX G Mode_ANT 2**

TX G mode CH01



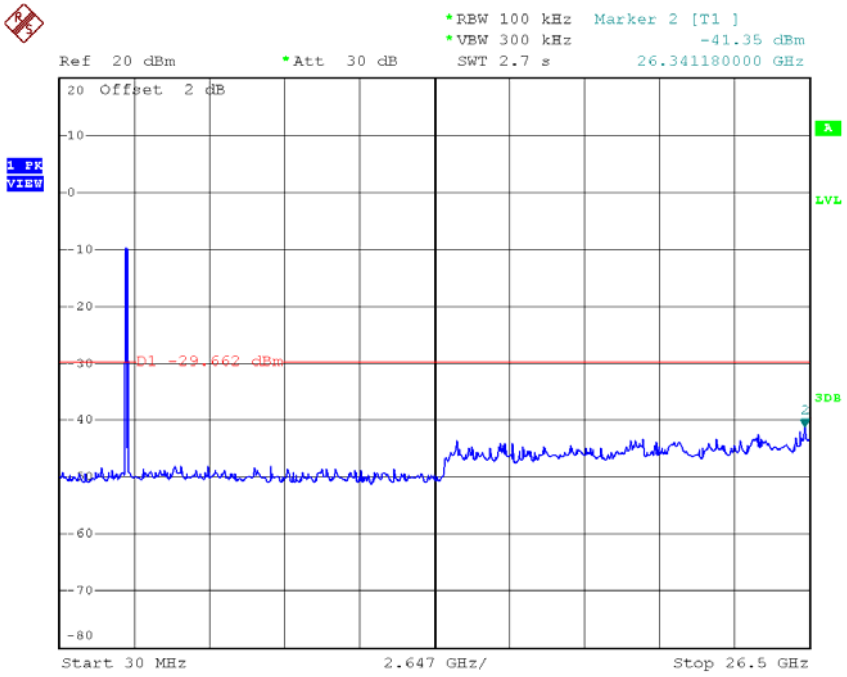
Date: 26.MAR.2015 10:04:33

TX G mode CH11



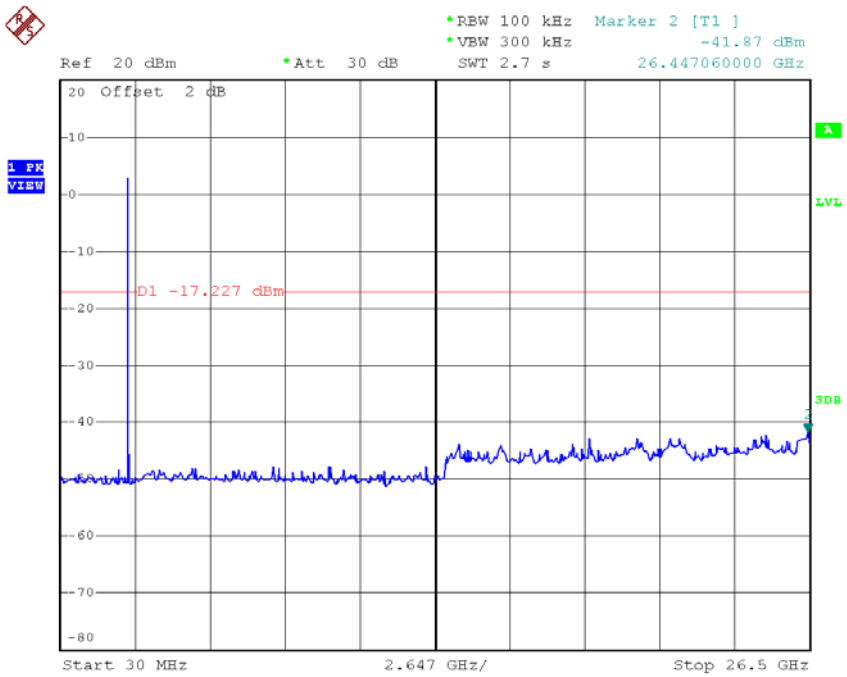
Date: 26.MAR.2015 10:06:30

TX G mode CH01 (10 Harmonic of the frequency)



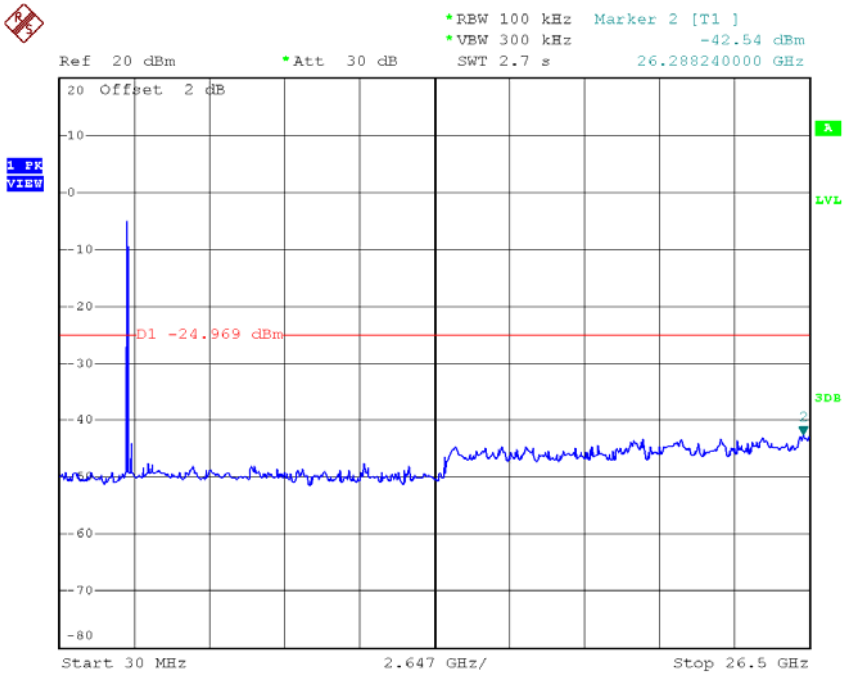
Date: 26.MAR.2015 10:04:26

TX G mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:05:23

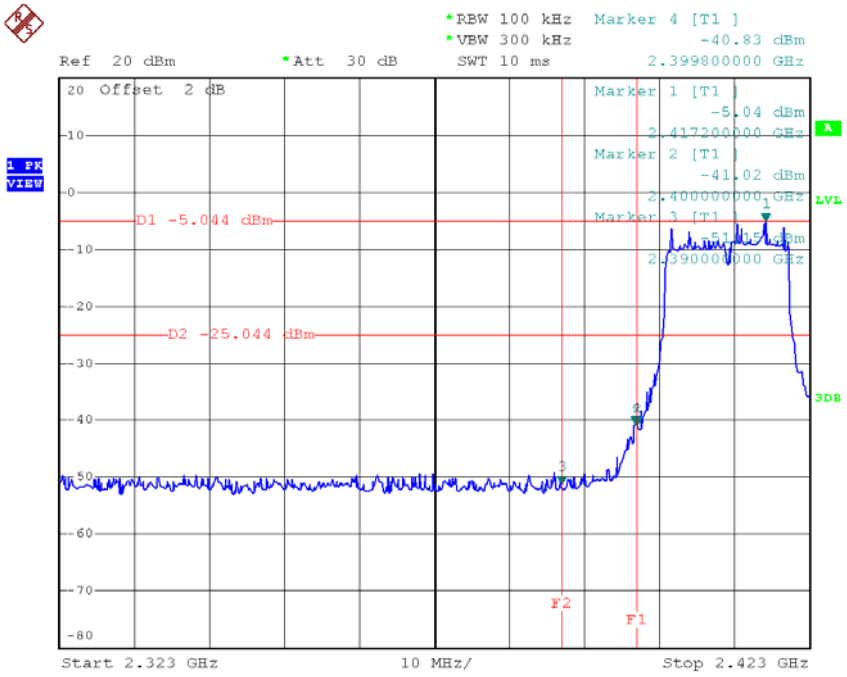
TX G mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:06:23

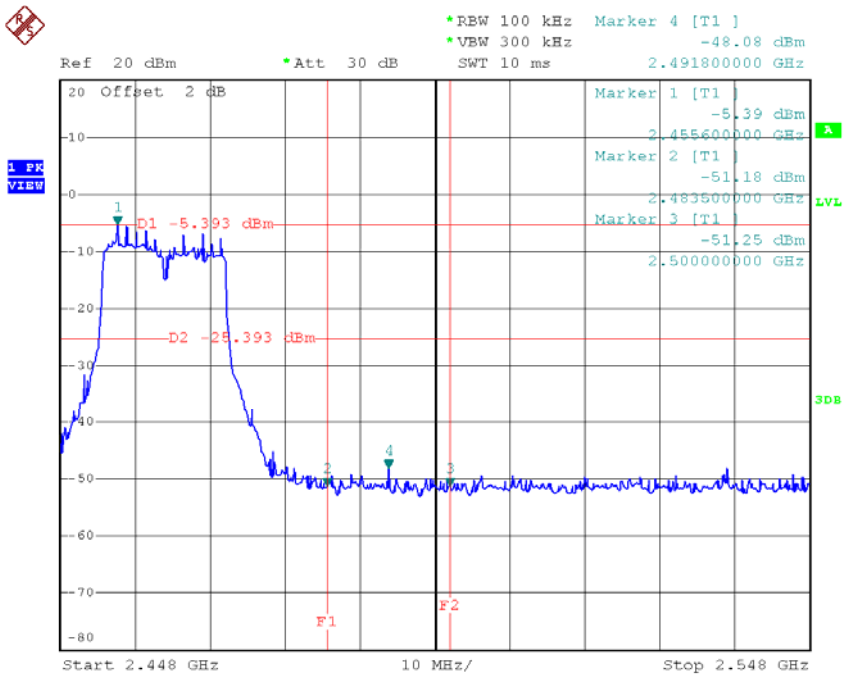
Test Mode :	**TX G Mode_ANT 3**

TX G mode CH01



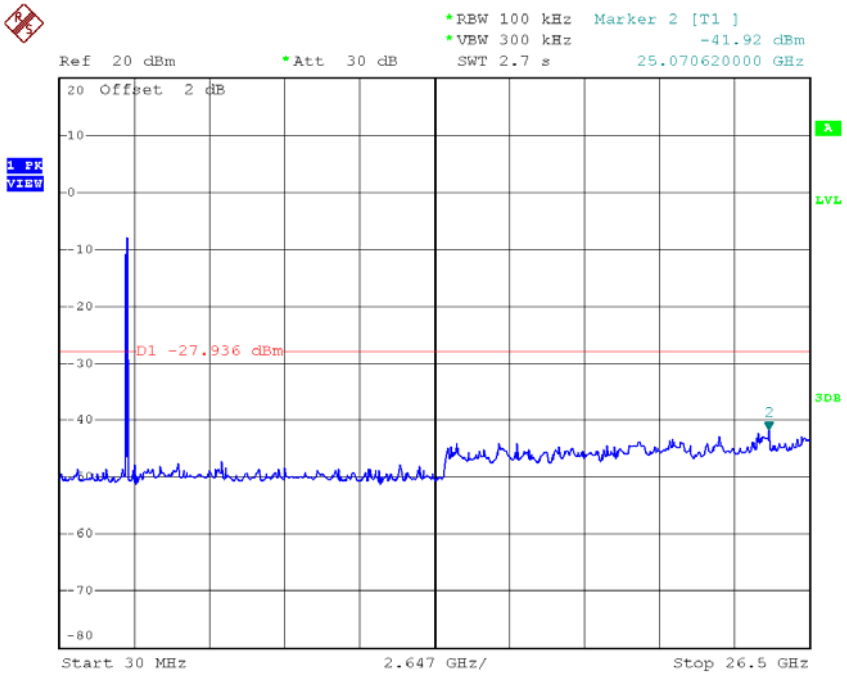
Date: 26.MAR.2015 10:18:37

TX G mode CH11



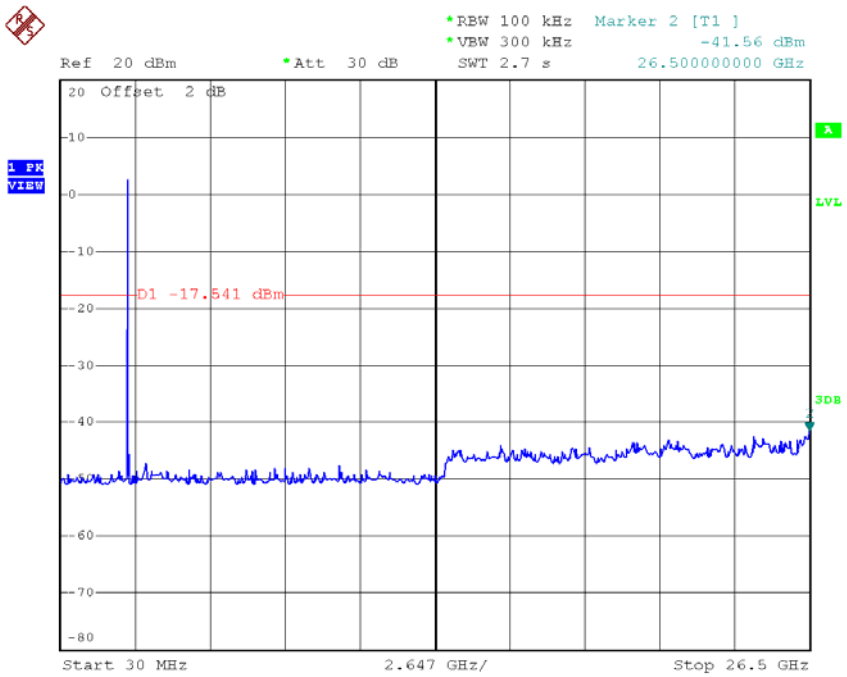
Date: 26.MAR.2015 10:20:21

TX G mode CH01 (10 Harmonic of the frequency)



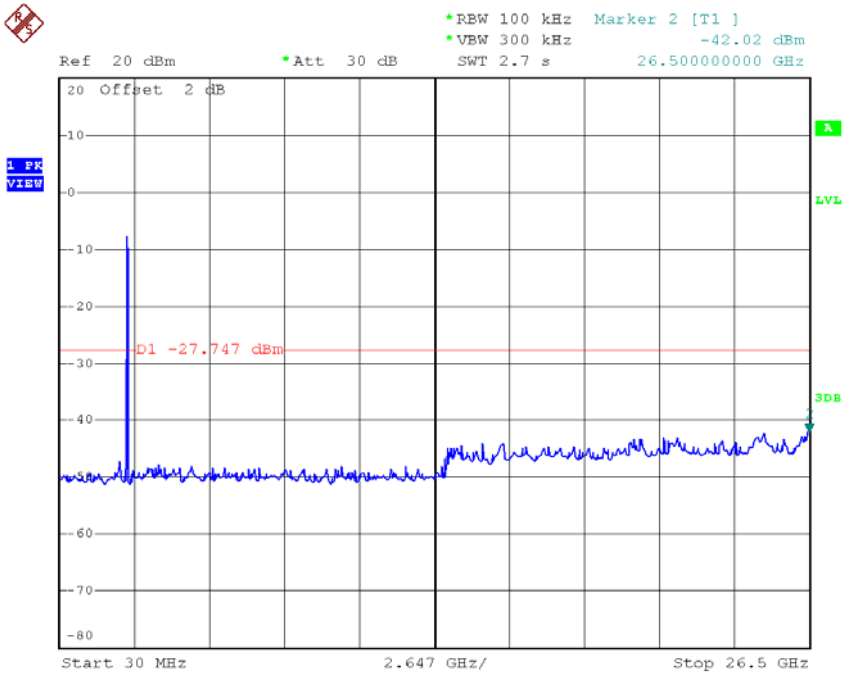
Date: 26.MAR.2015 10:18:29

TX G mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:19:25

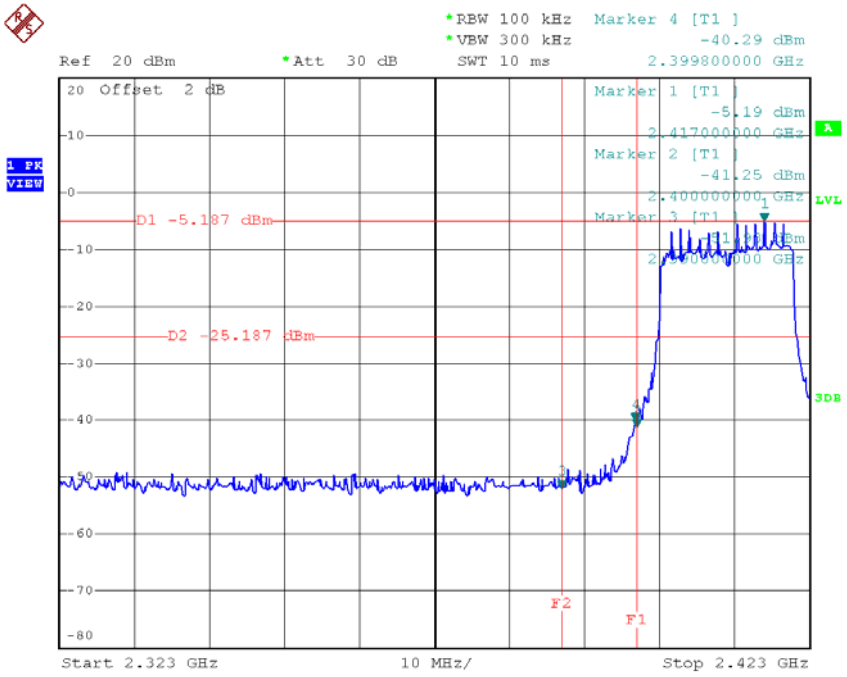
TX G mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:20:13

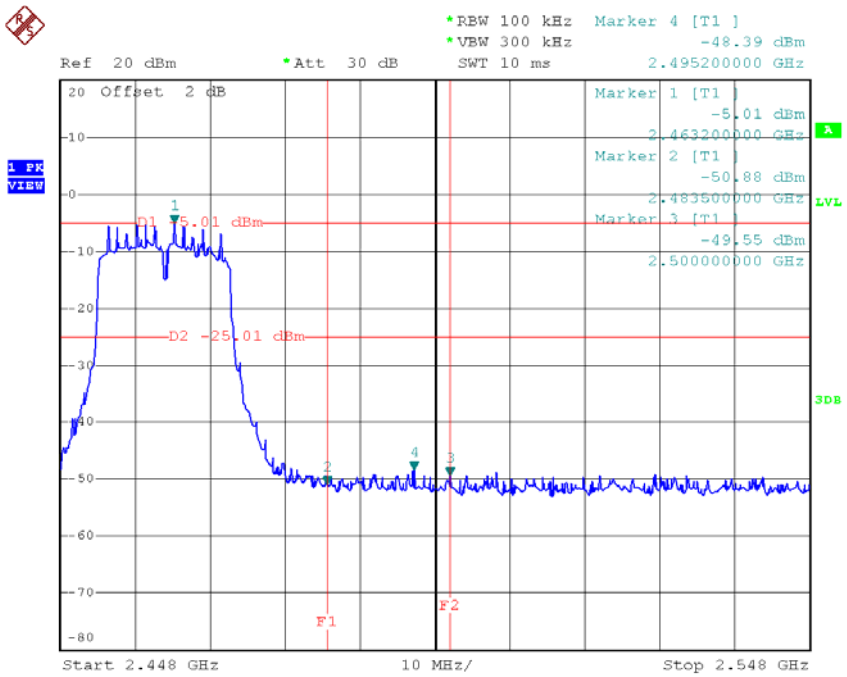
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



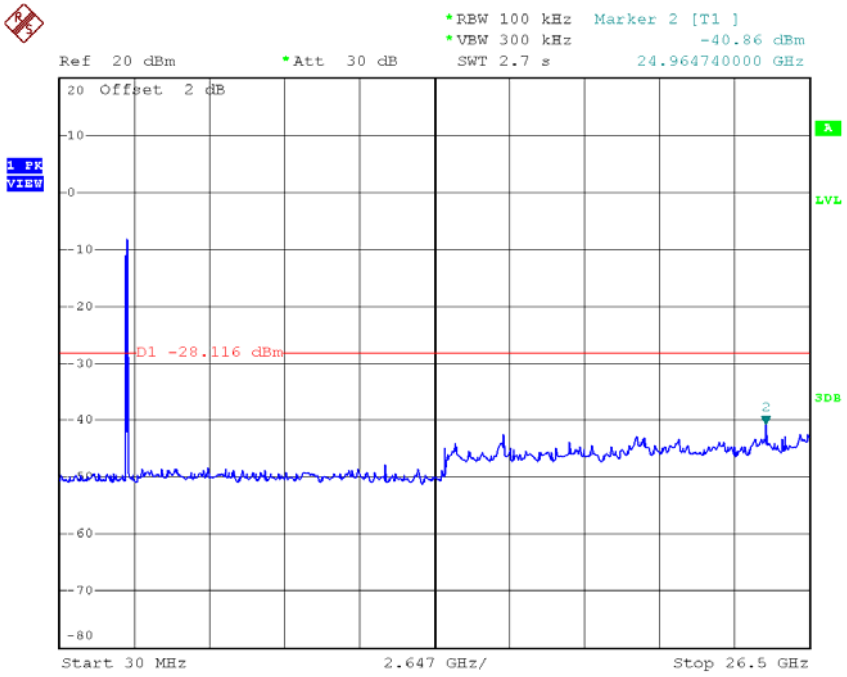
Date: 26.MAR.2015 09:50:40

TX HT20 mode CH11



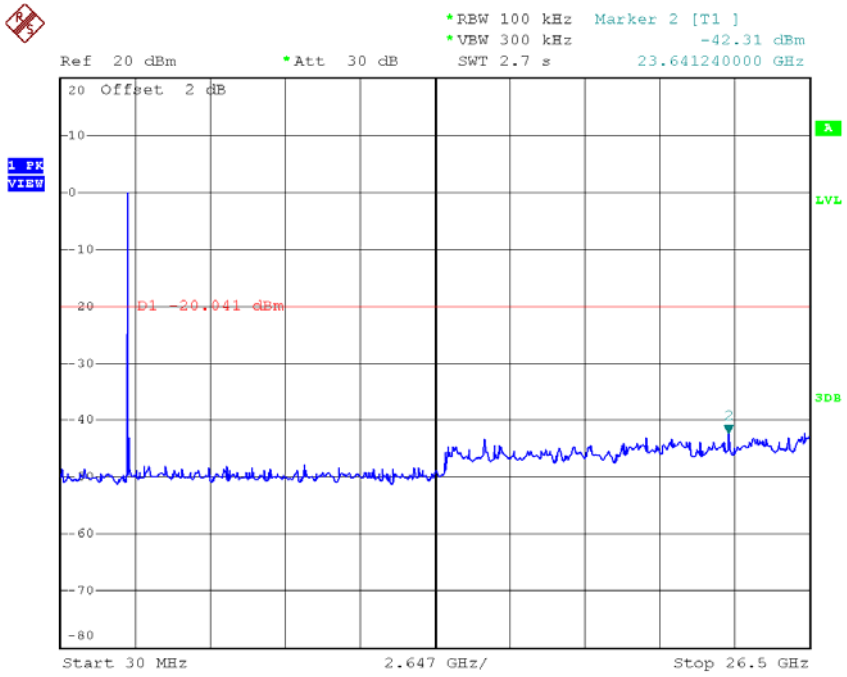
Date: 26.MAR.2015 09:52:29

TX HT20 mode CH01 (10 Harmonic of the frequency)



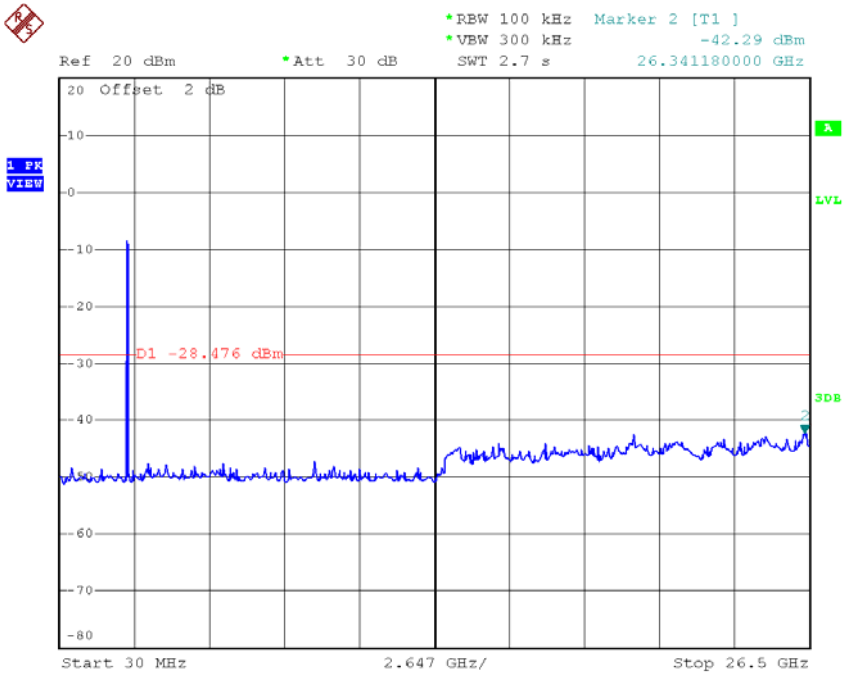
Date: 26.MAR.2015 09:50:32

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:51:30

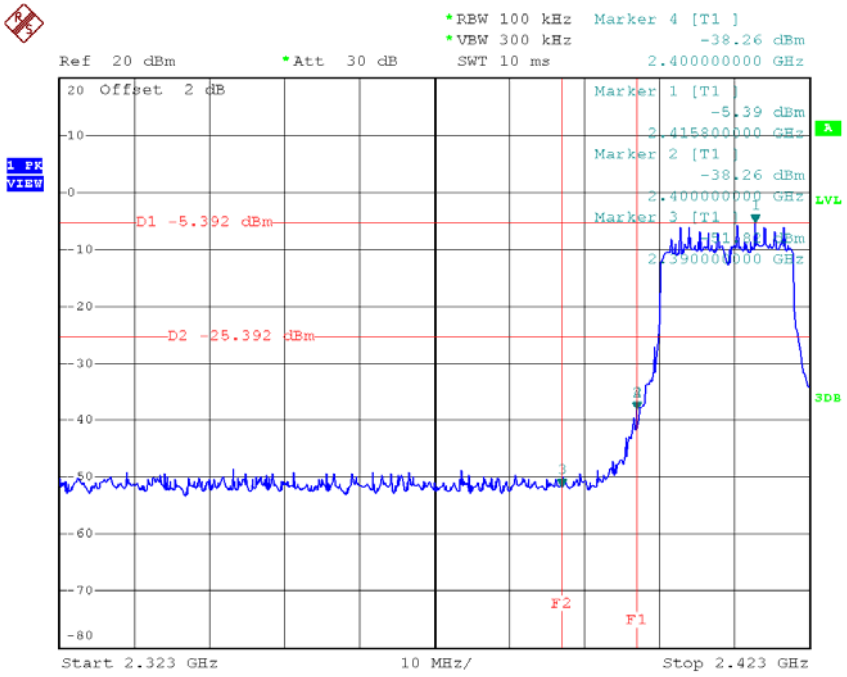
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:52:22

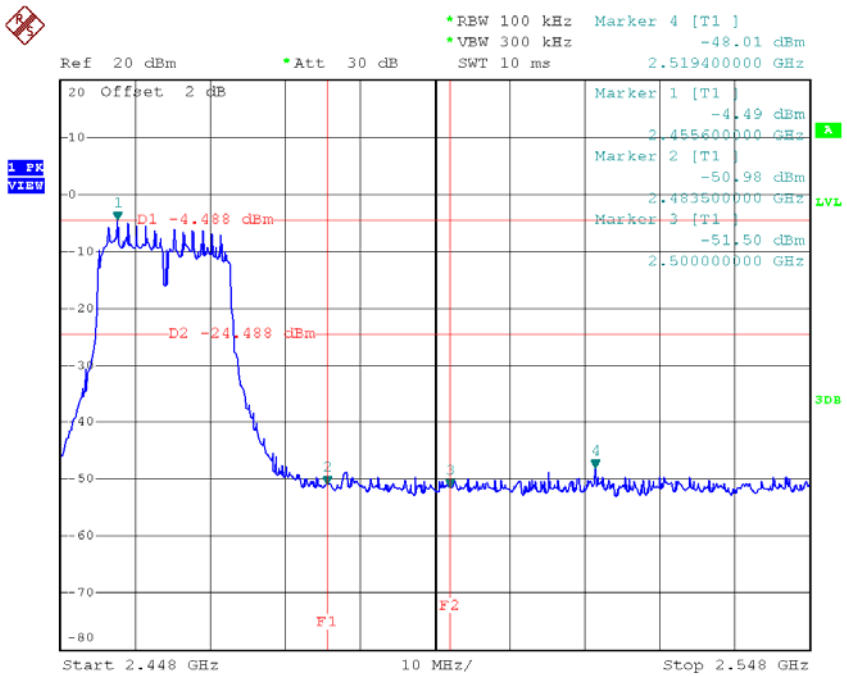
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



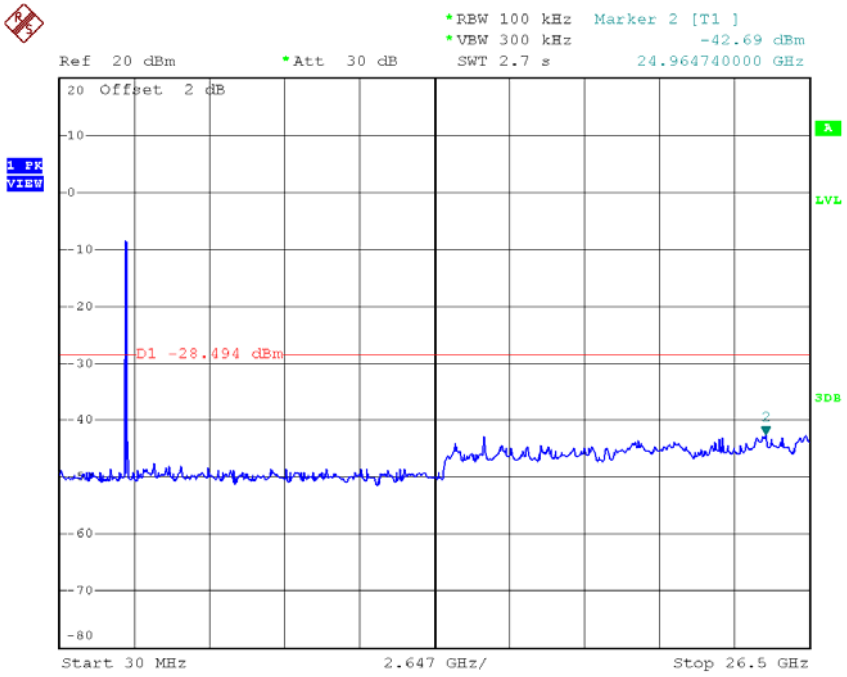
Date: 26.MAR.2015 10:07:40

TX HT20 mode CH11



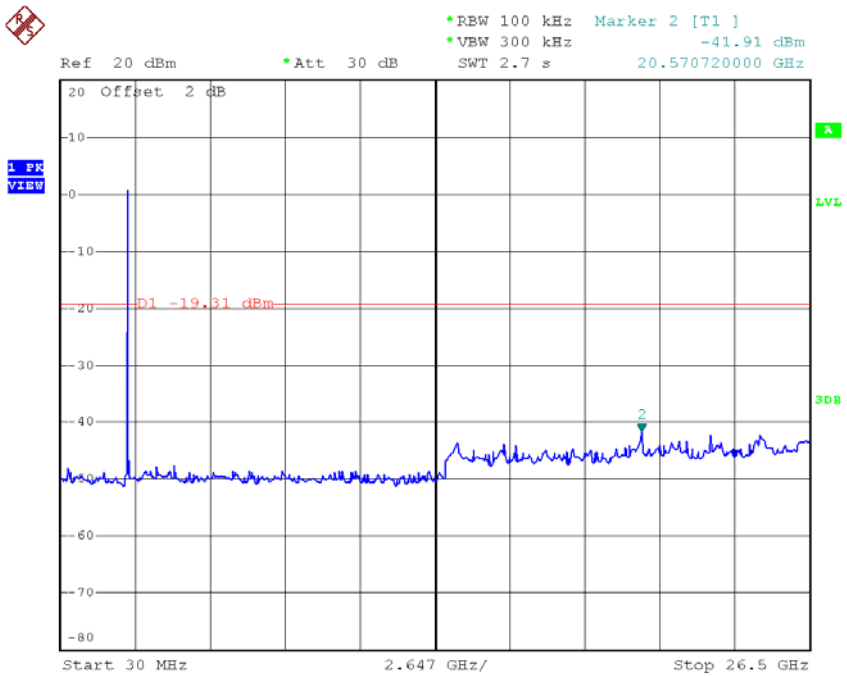
Date: 26.MAR.2015 10:09:33

TX HT20 mode CH01 (10 Harmonic of the frequency)



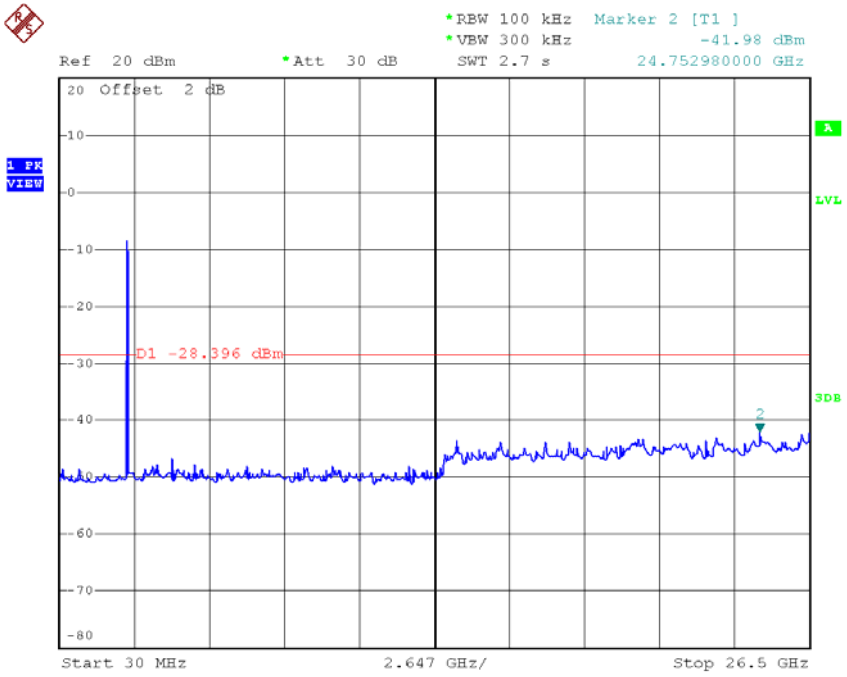
Date: 26.MAR.2015 10:07:32

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:08:41

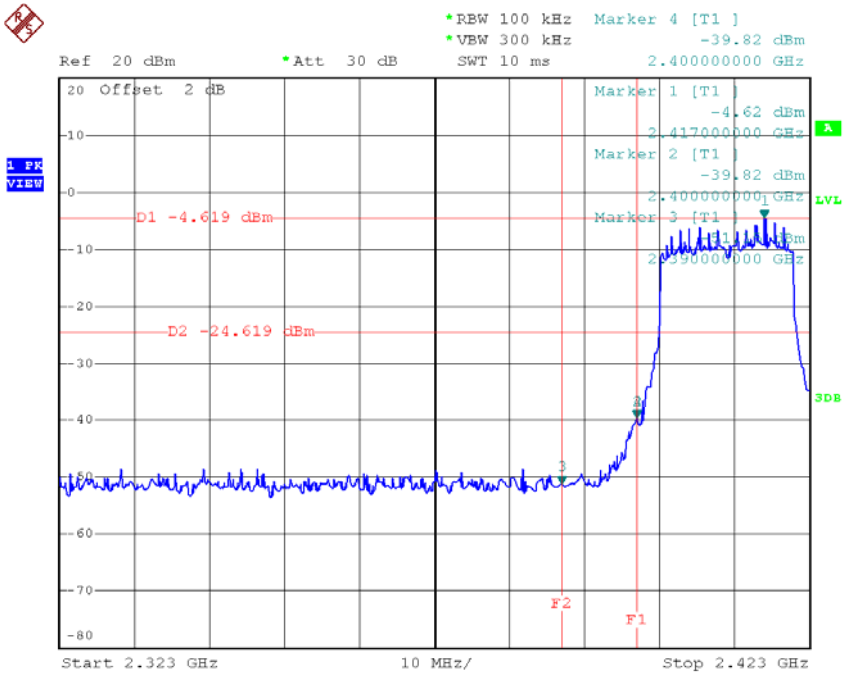
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:09:25

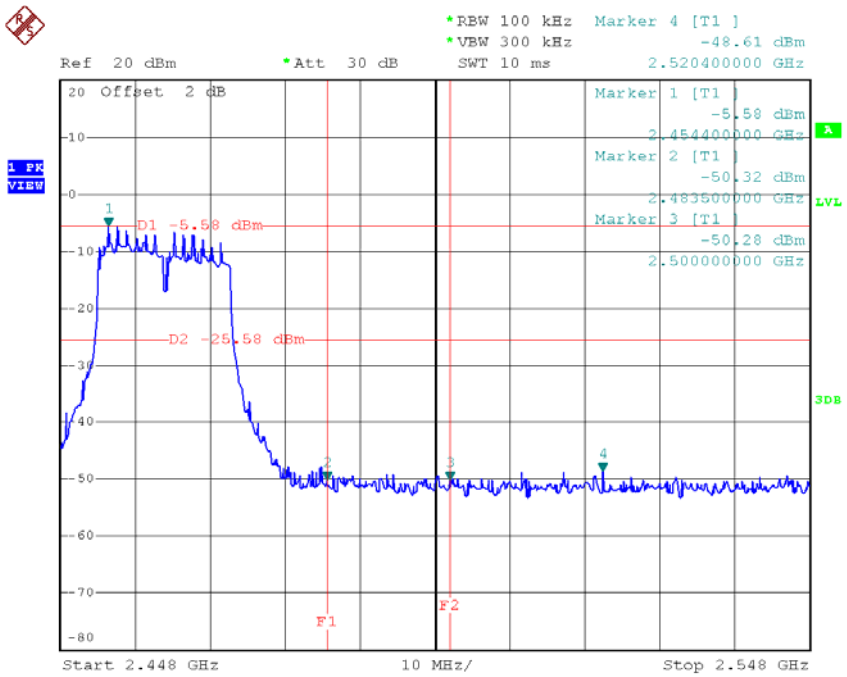
Test Mode :	TX N-20M Mode_ANT 3

TX HT20 mode CH01



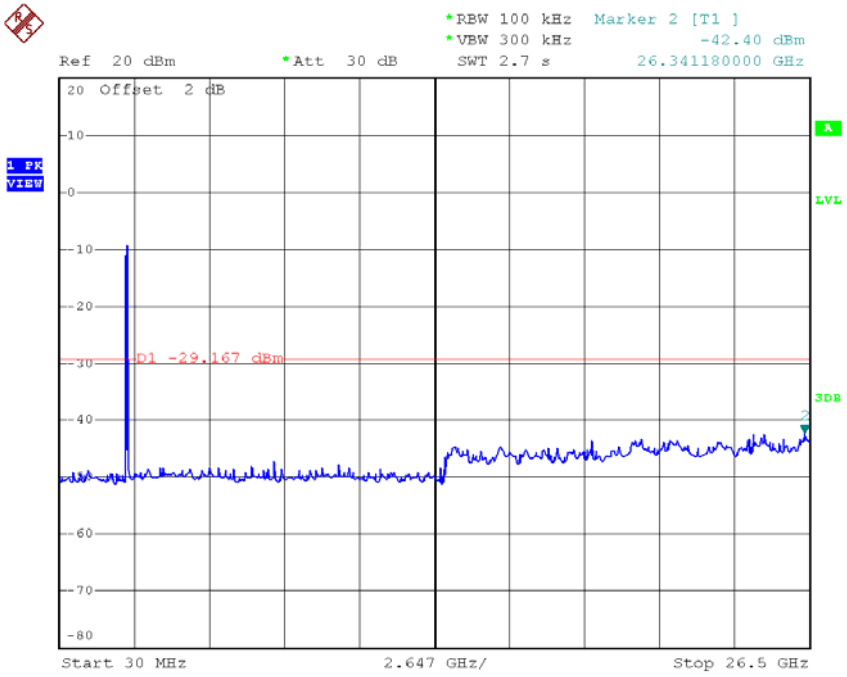
Date: 26.MAR.2015 10:21:47

TX HT20 mode CH11



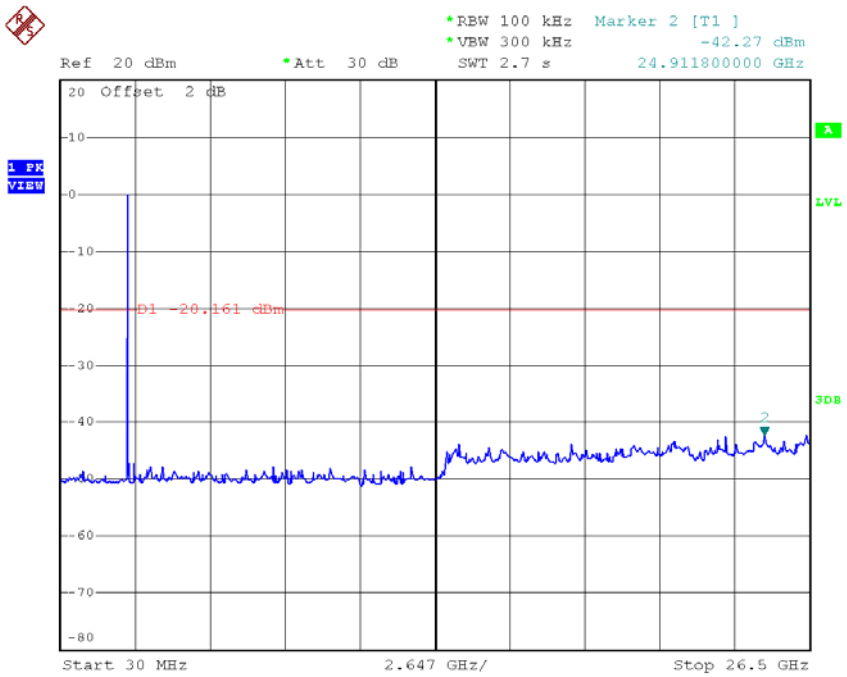
Date: 26.MAR.2015 10:24:18

TX HT20 mode CH01 (10 Harmonic of the frequency)



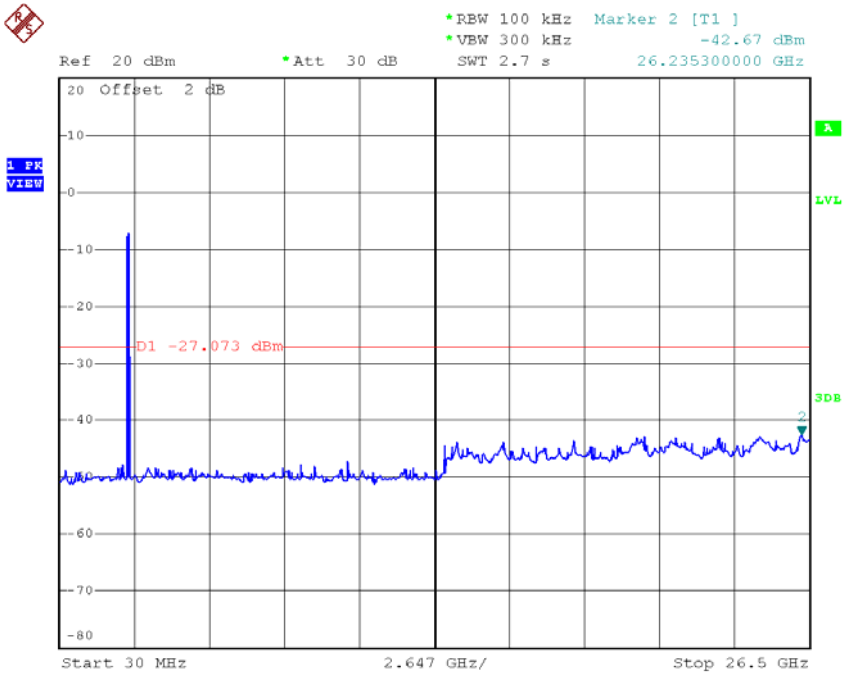
Date: 26.MAR.2015 10:21:40

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:22:49

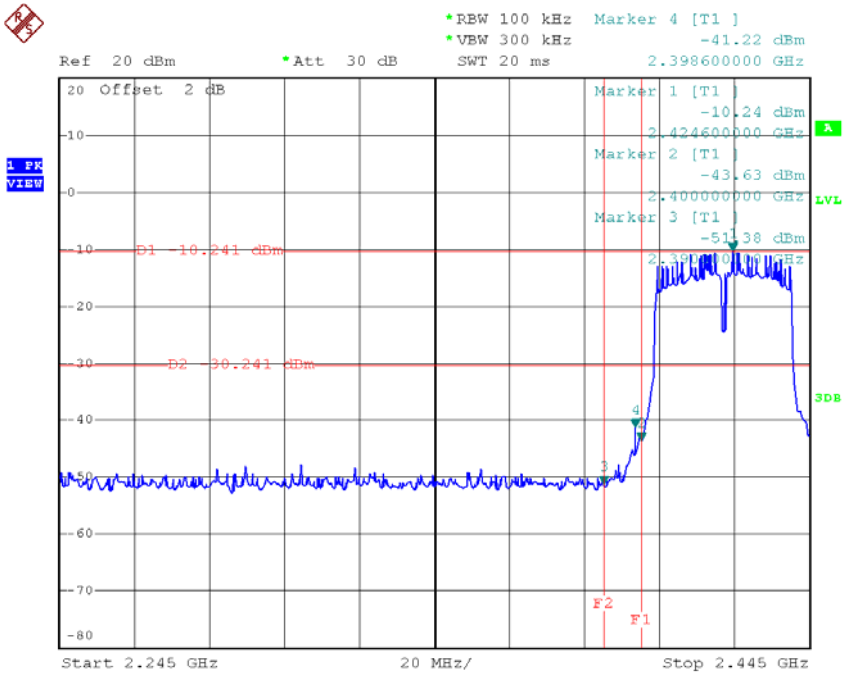
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:24:10

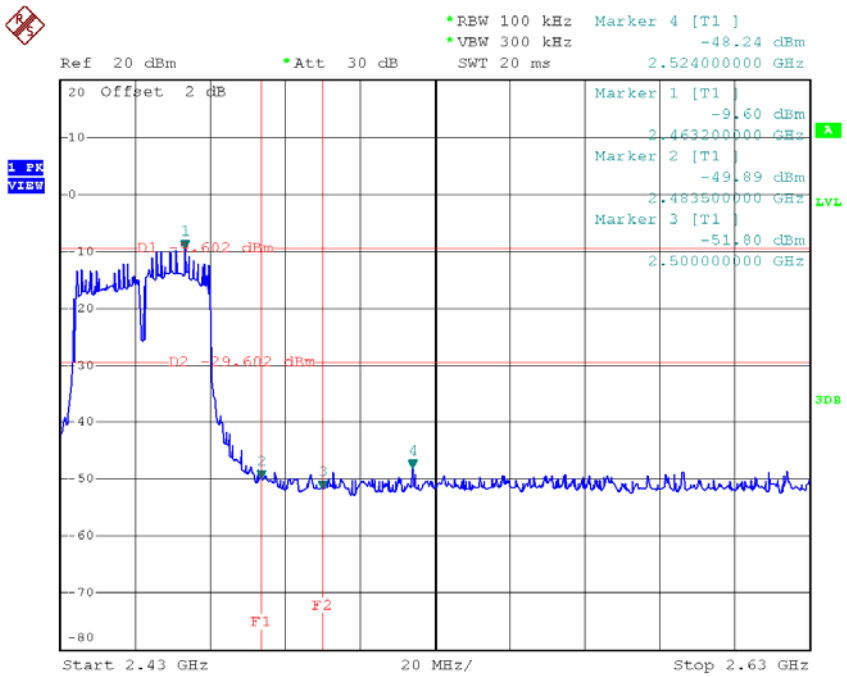
Test Mode :	TX N-40M Mode_ANT 1

TX HT40 mode CH03



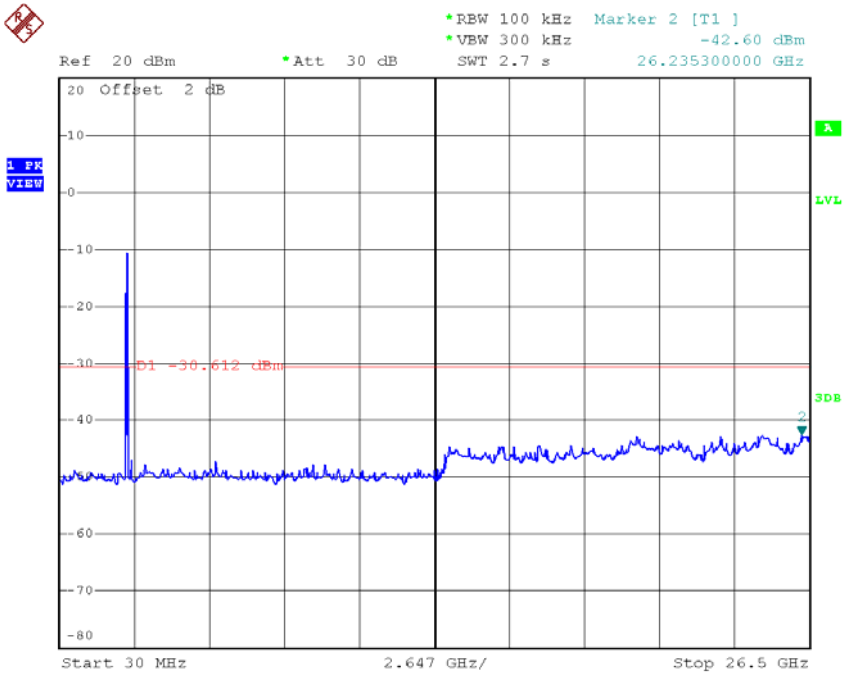
Date: 26.MAR.2015 09:55:06

TX HT40 mode CH09



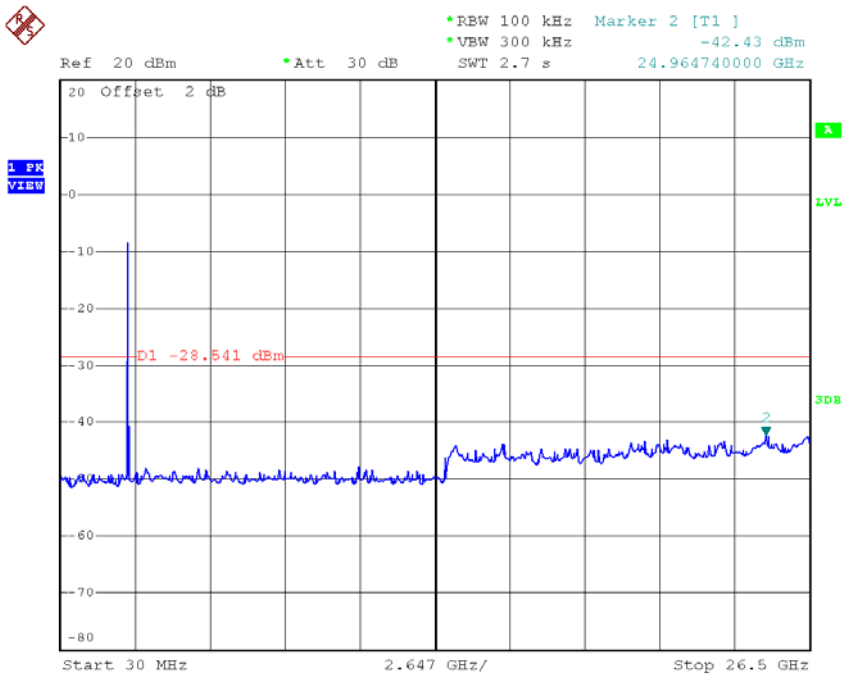
Date: 26.MAR.2015 09:57:13

TX HT40 mode CH03 (10 Harmonic of the frequency)



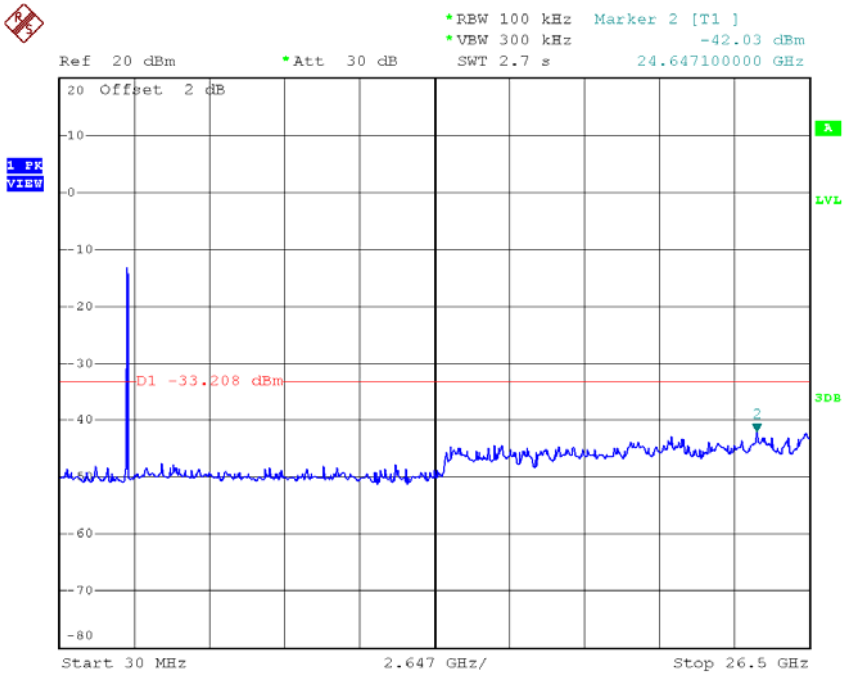
Date: 26.MAR.2015 09:54:58

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:56:17

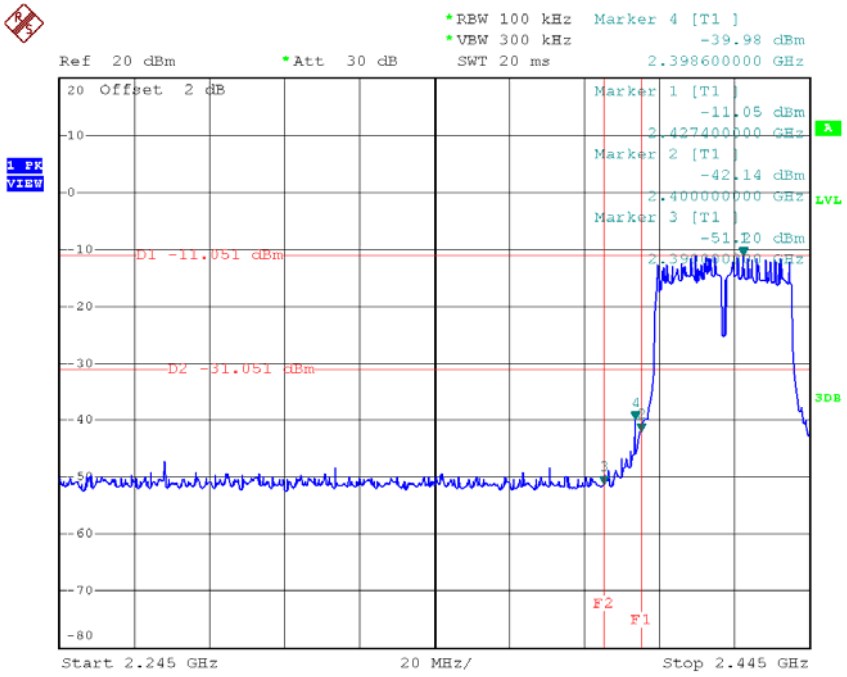
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 26.MAR.2015 09:57:05

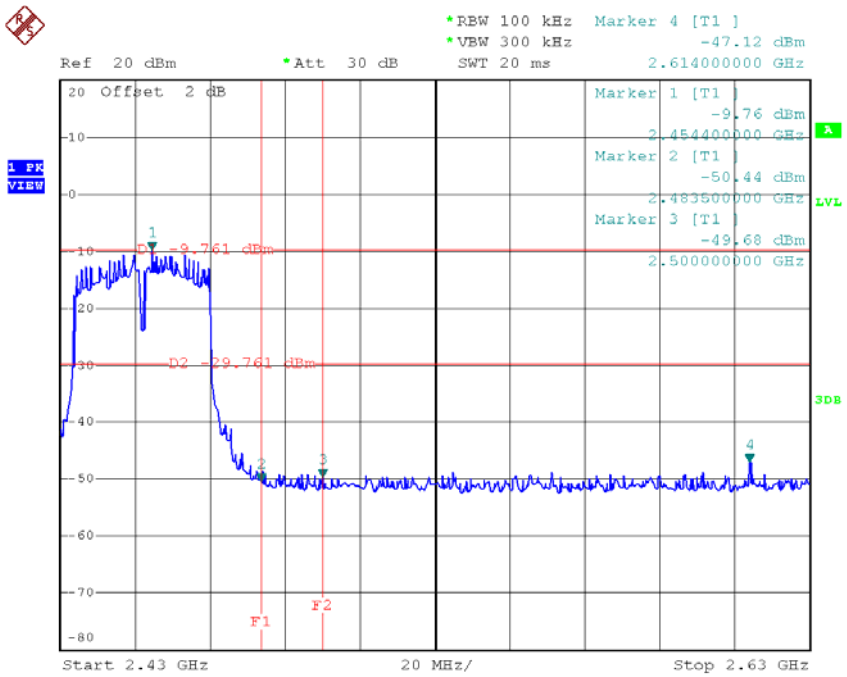
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



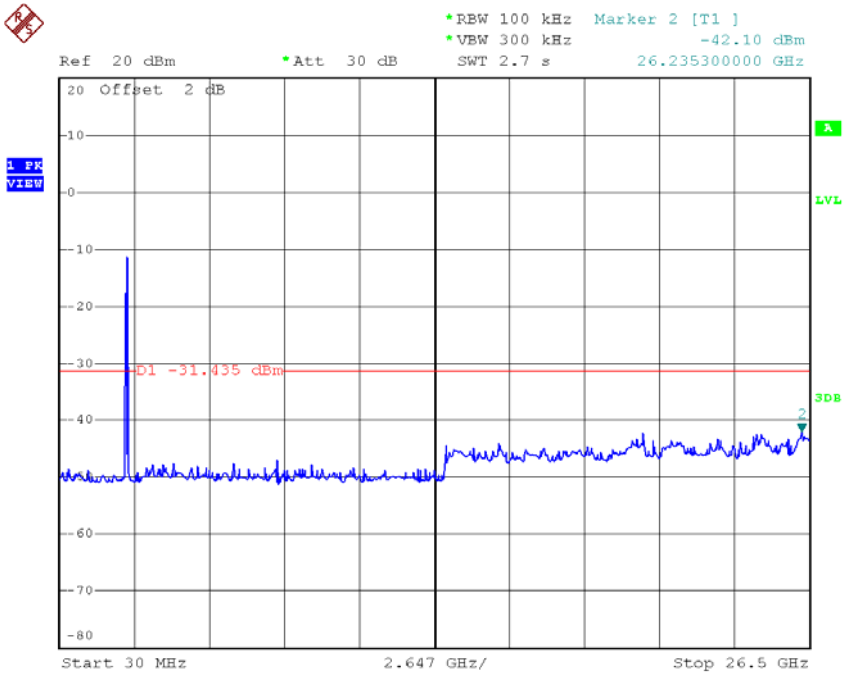
Date: 26.MAR.2015 10:10:44

TX HT40 mode CH09



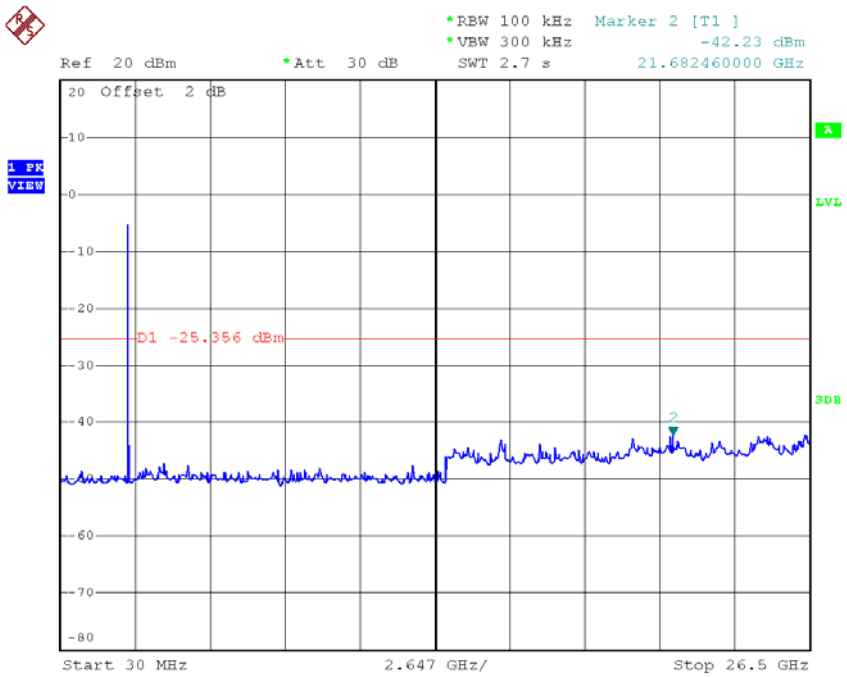
Date: 26.MAR.2015 10:12:45

TX HT40 mode CH03 (10 Harmonic of the frequency)



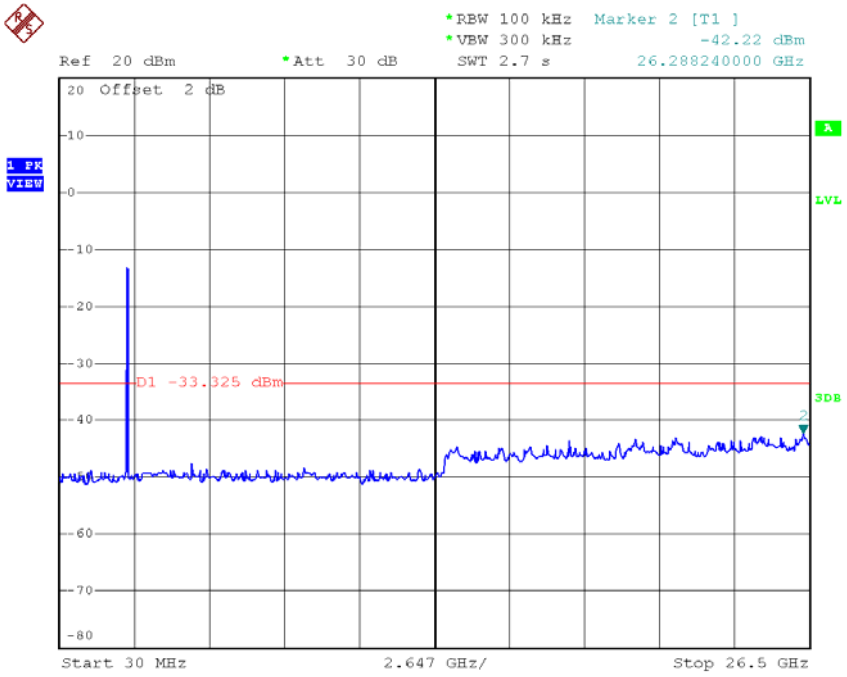
Date: 26.MAR.2015 10:10:37

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:11:47

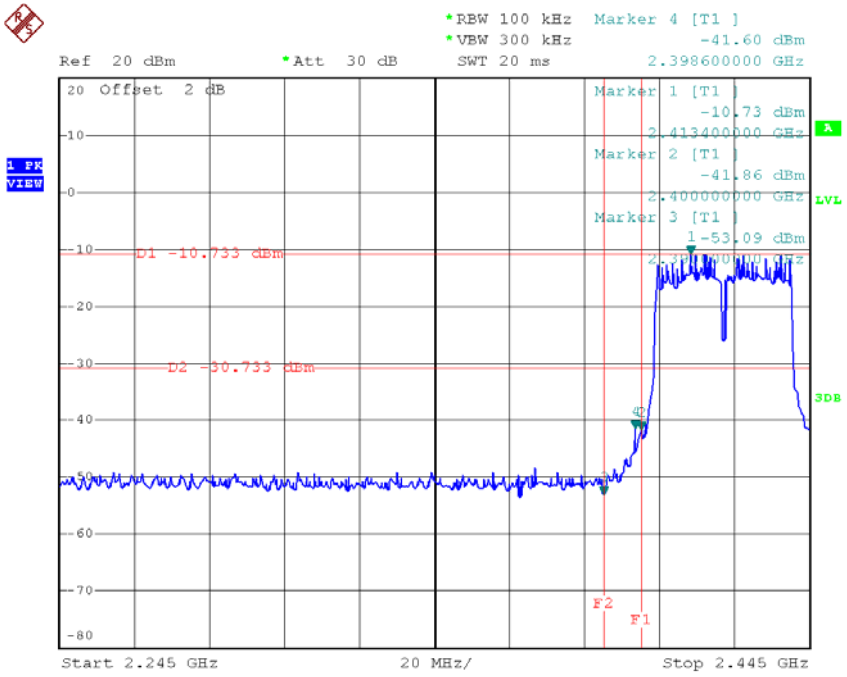
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:12:38

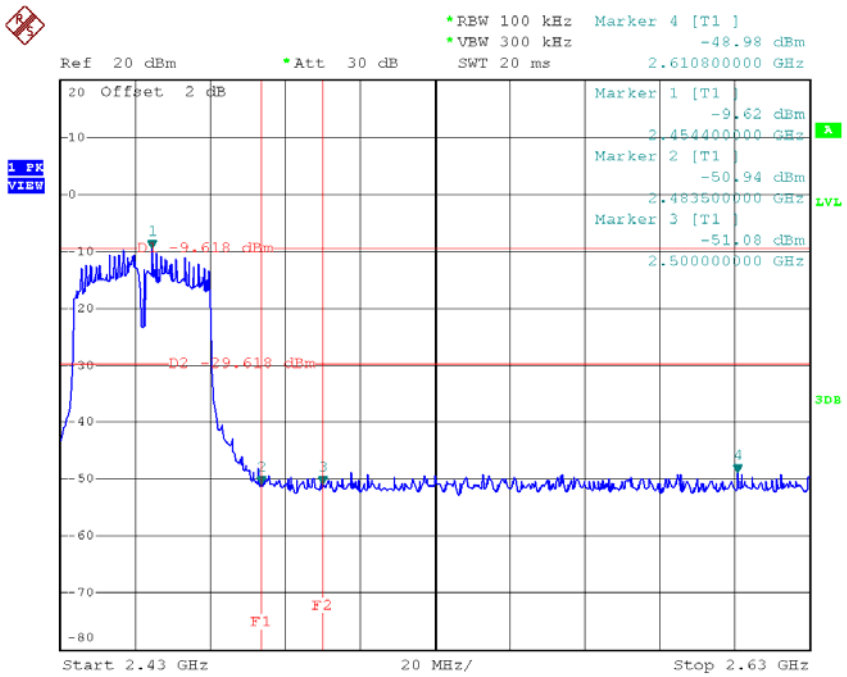
Test Mode :	TX N-40M Mode_ANT 3

TX HT40 mode CH03



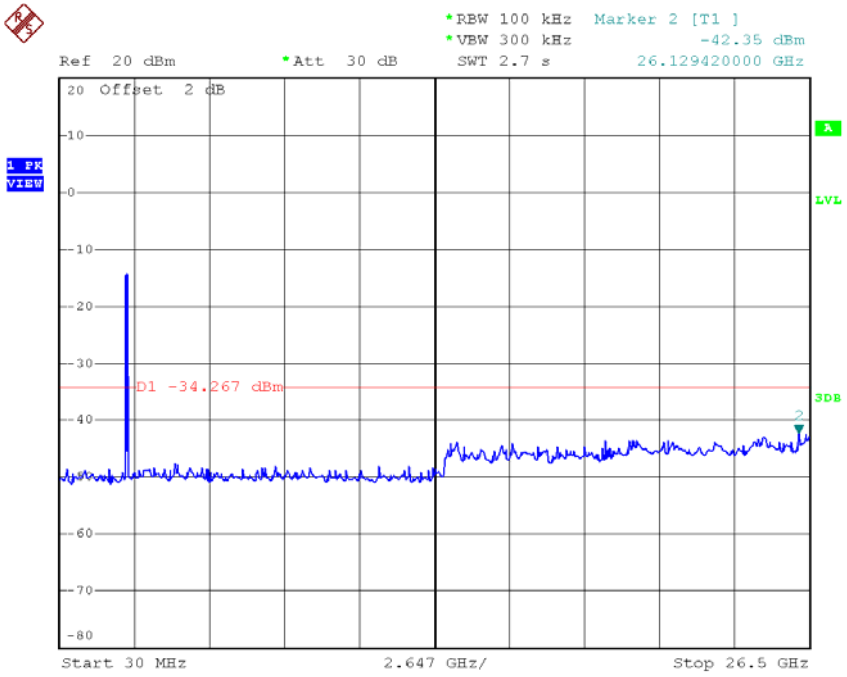
Date: 26.MAR.2015 10:25:23

TX HT40 mode CH09



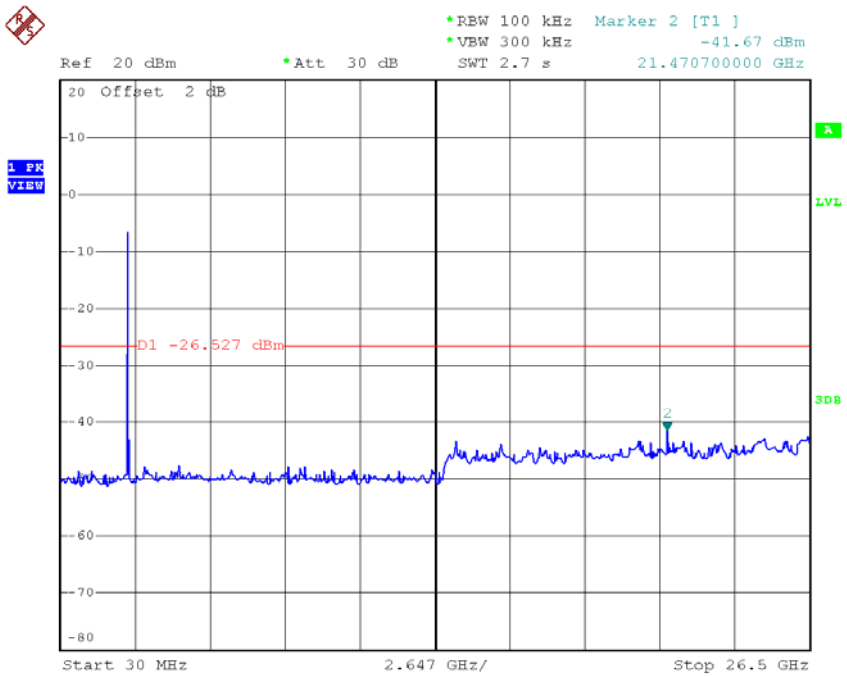
Date: 26.MAR.2015 10:27:17

TX HT40 mode CH03 (10 Harmonic of the frequency)



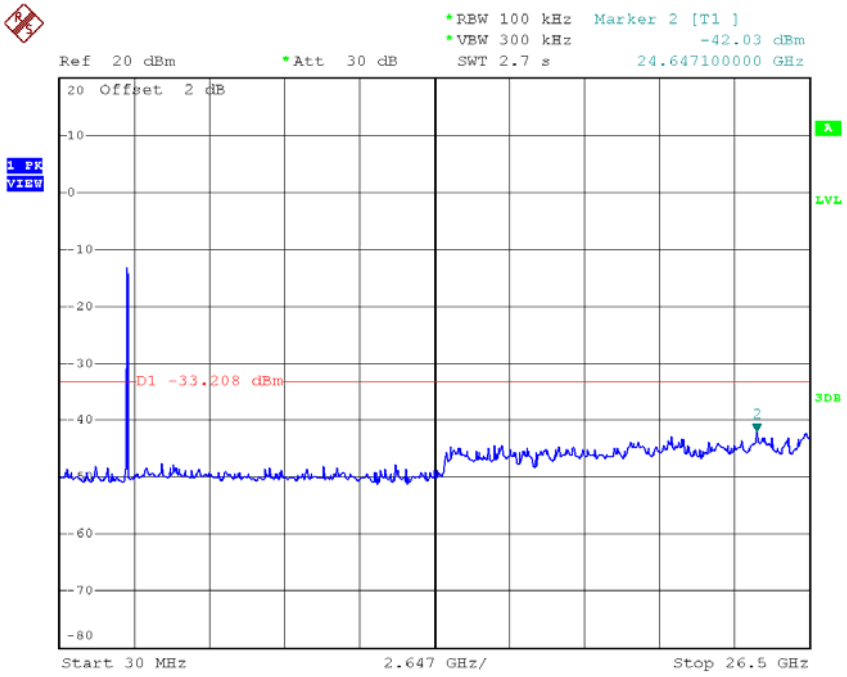
Date: 26.MAR.2015 10:25:16

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 26.MAR.2015 10:26:25

TX HT40 mode CH09 (10 Harmonic of the frequency)

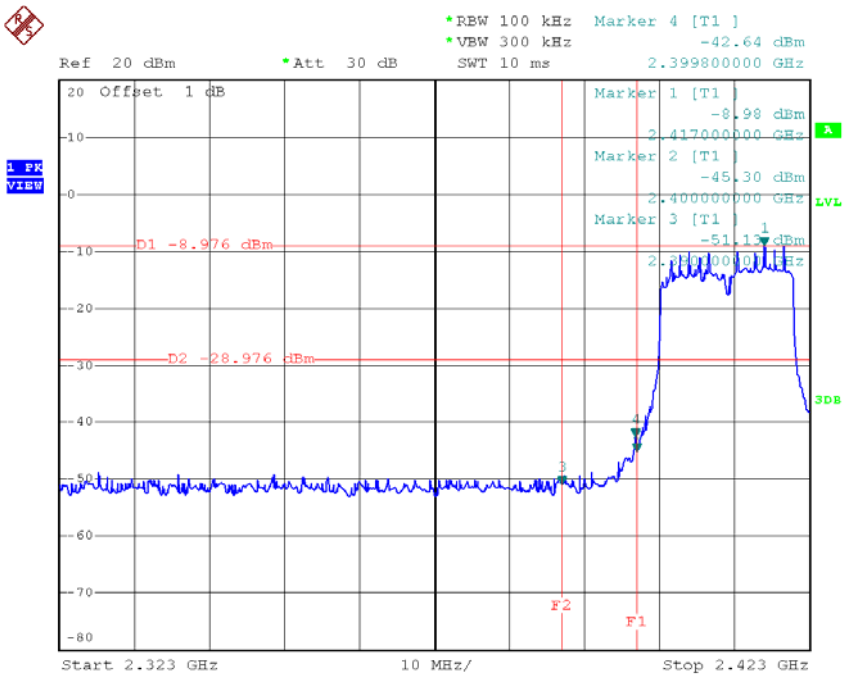


Date: 26.MAR.2015 09:57:05

For 3TX with beamforming

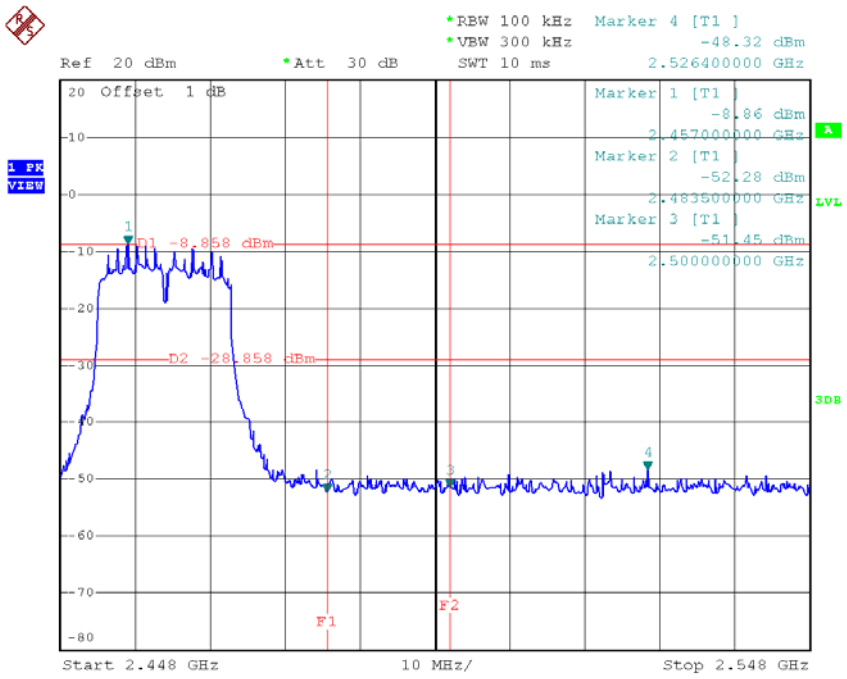
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



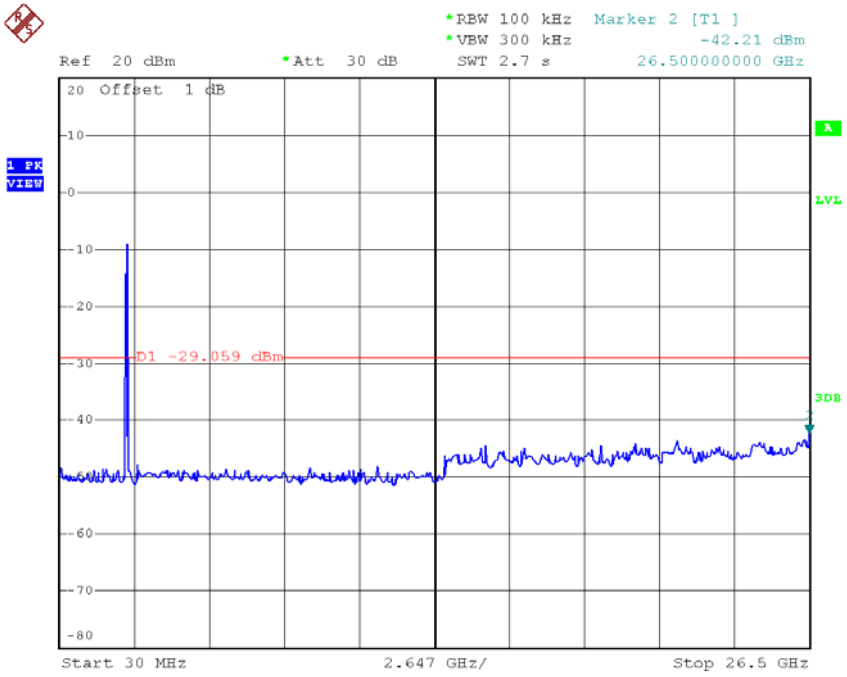
Date: 7.APR.2015 15:40:28

TX HT20 mode CH11



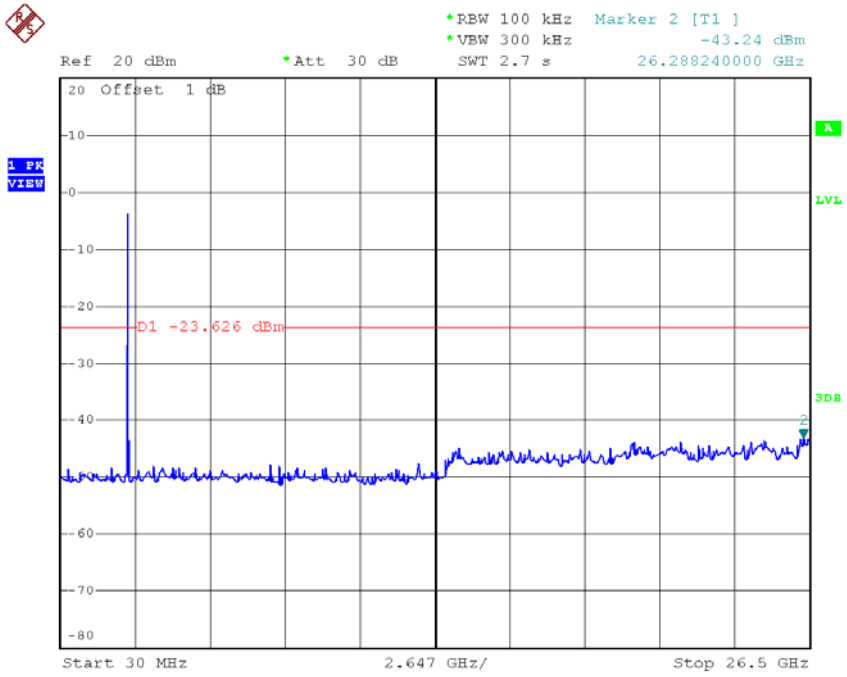
Date: 7.APR.2015 15:42:15

TX HT20 mode CH01 (10 Harmonic of the frequency)



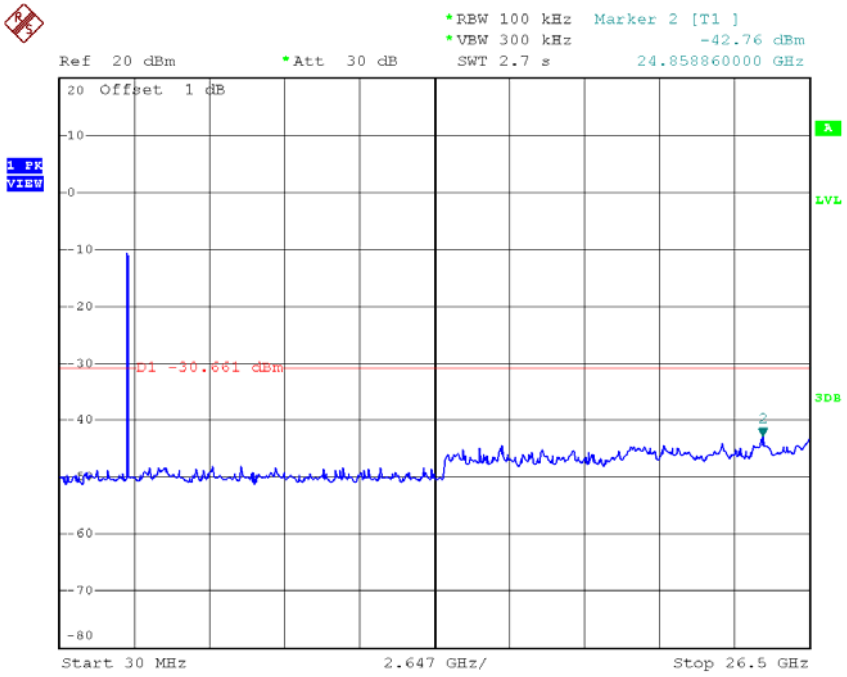
Date: 7.APR.2015 15:40:21

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:41:24

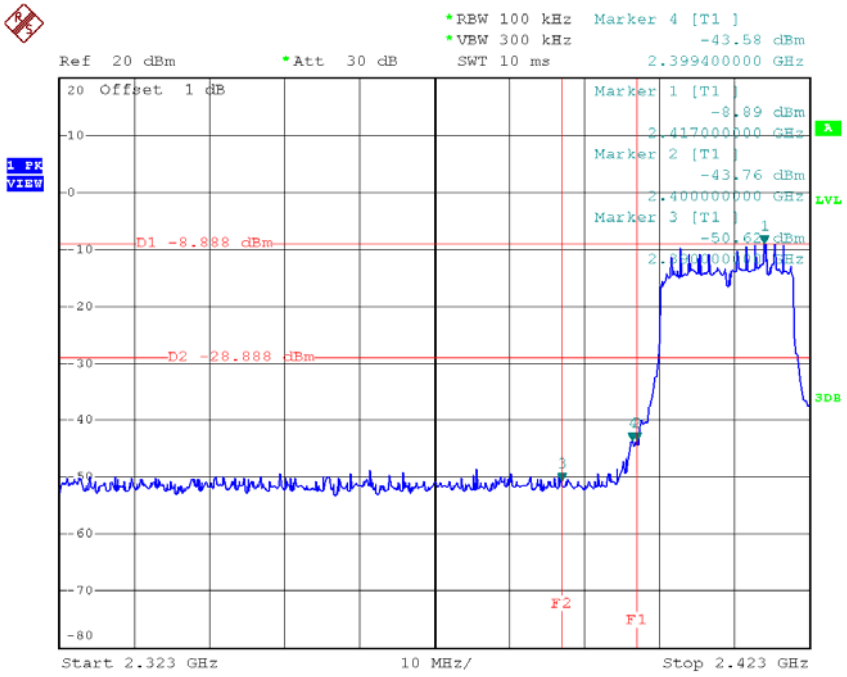
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:42:08

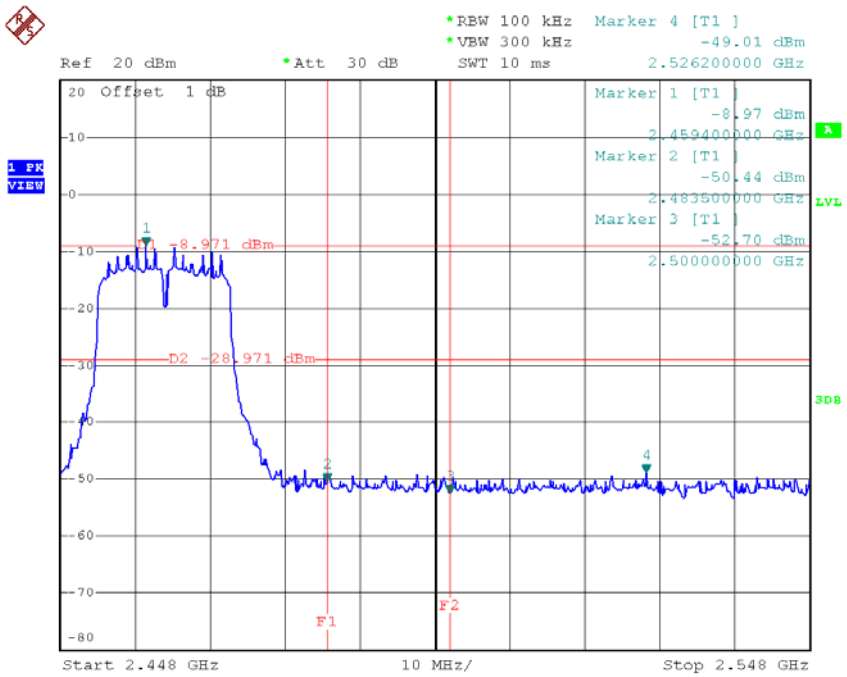
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



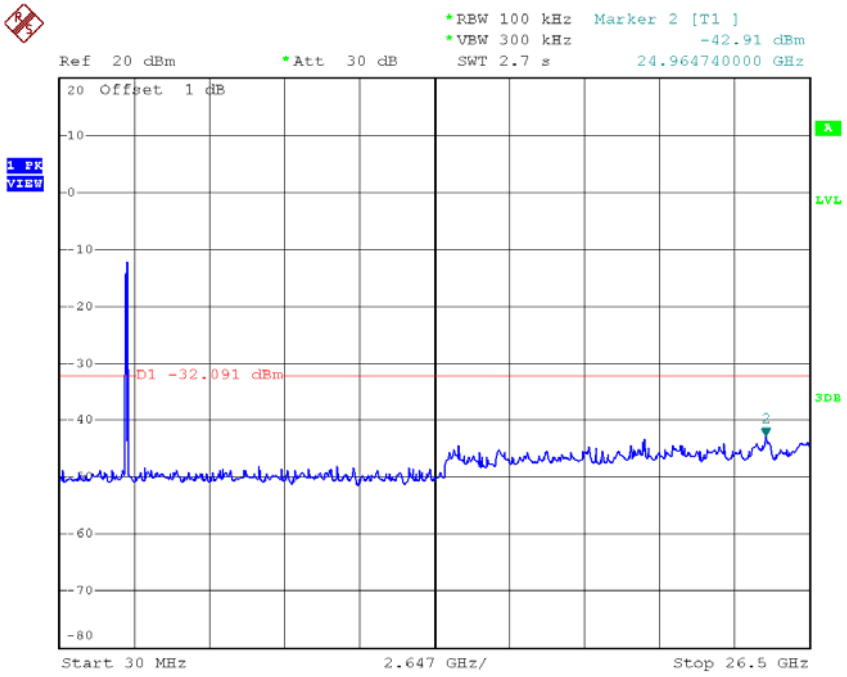
Date: 7.APR.2015 15:45:49

TX HT20 mode CH11



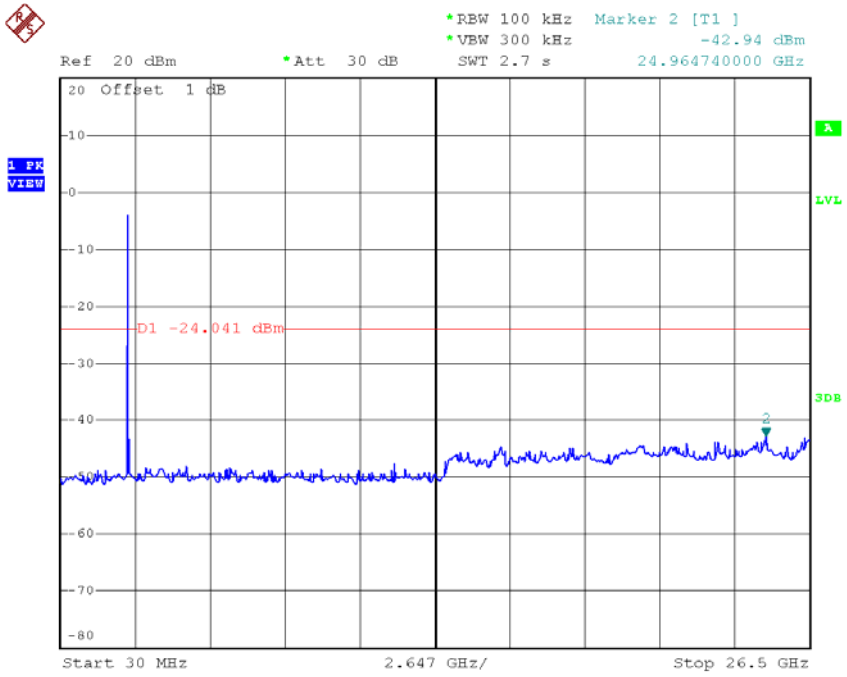
Date: 7.APR.2015 15:47:25

TX HT20 mode CH01 (10 Harmonic of the frequency)



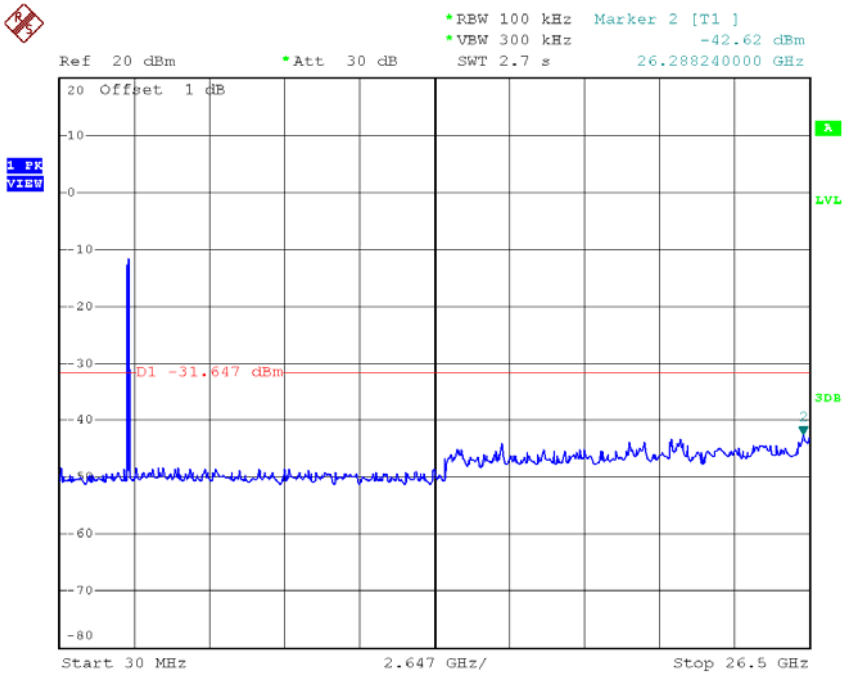
Date: 7.APR.2015 15:45:42

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:46:37

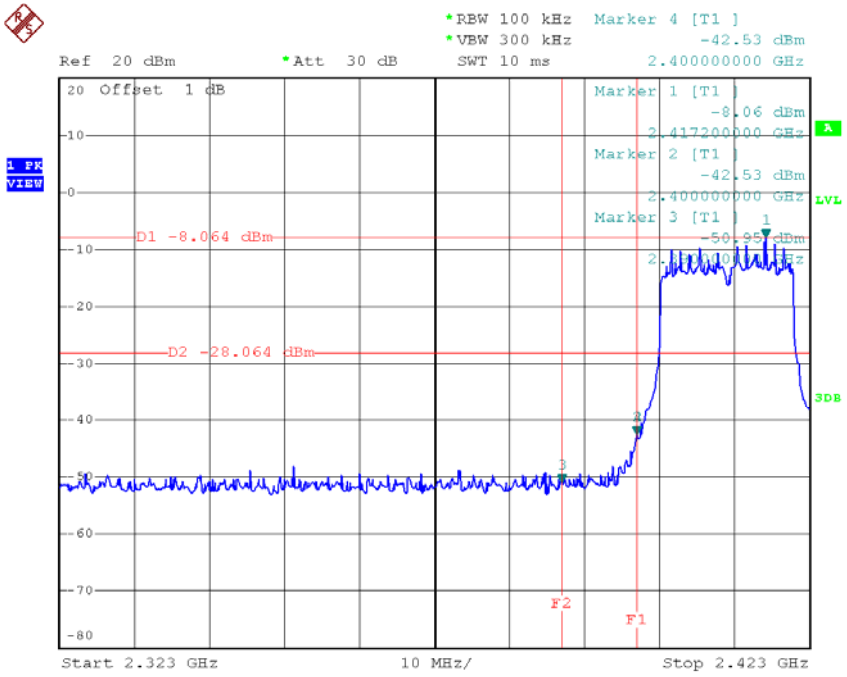
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:47:17

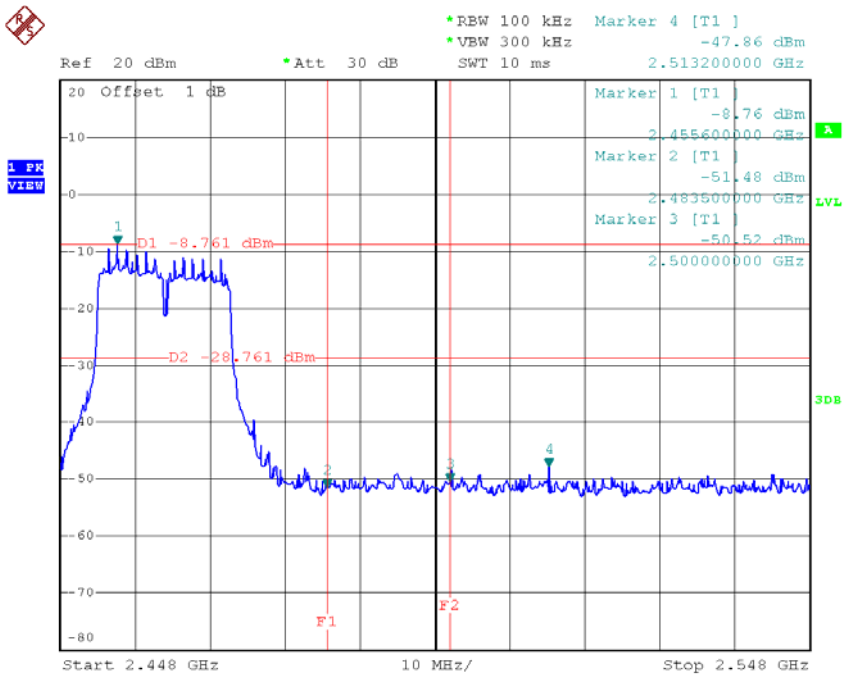
Test Mode :	TX N-20M Mode_ANT 3

TX HT20 mode CH01



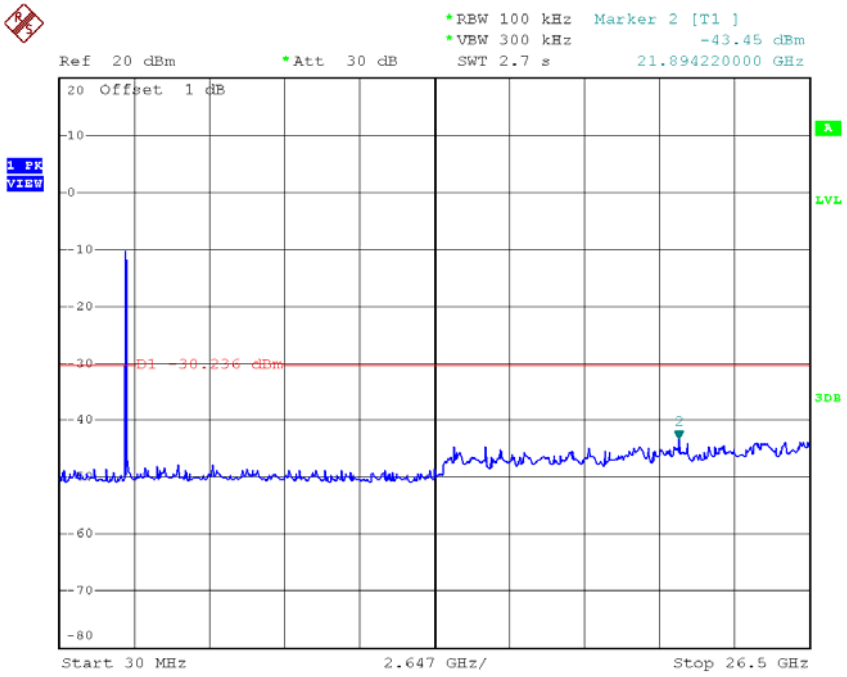
Date: 7.APR.2015 15:52:57

TX HT20 mode CH11



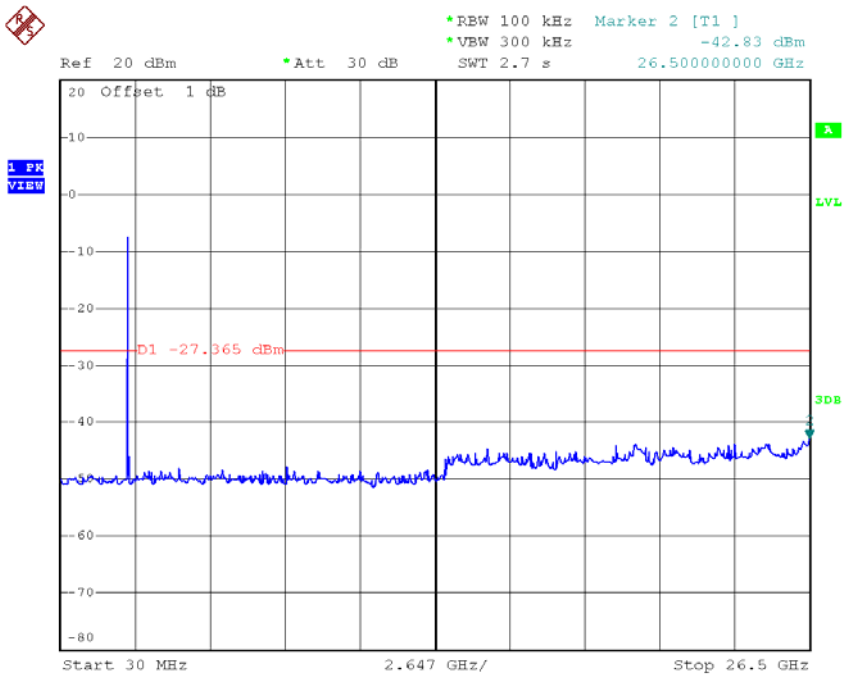
Date: 7.APR.2015 15:54:49

TX HT20 mode CH01 (10 Harmonic of the frequency)



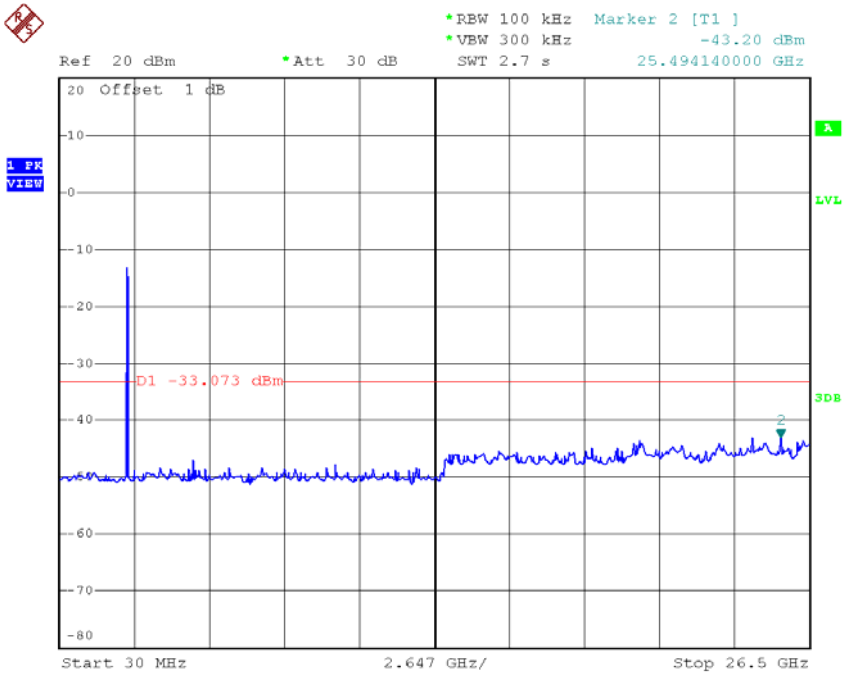
Date: 7.APR.2015 15:52:50

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:53:49

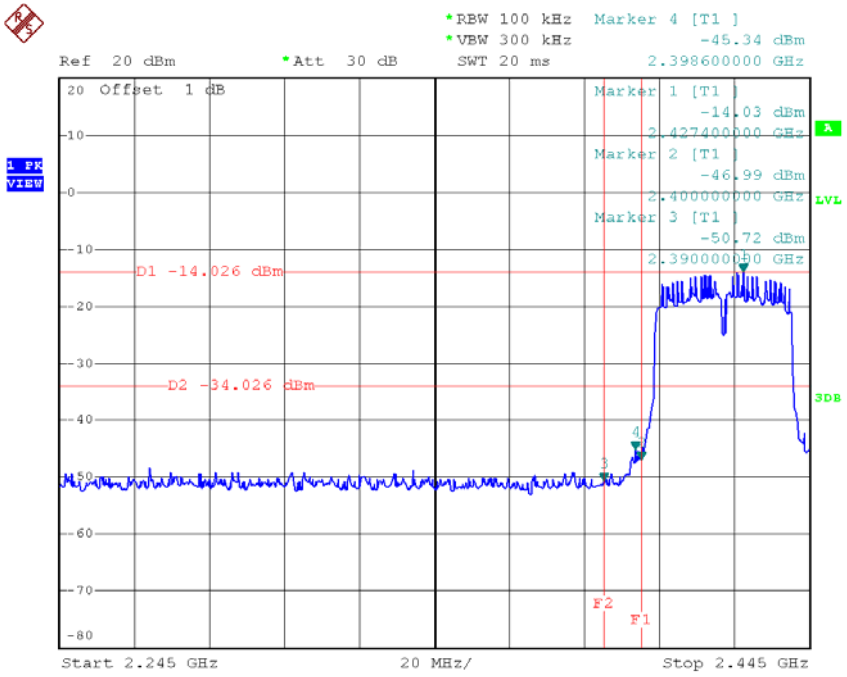
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:54:42

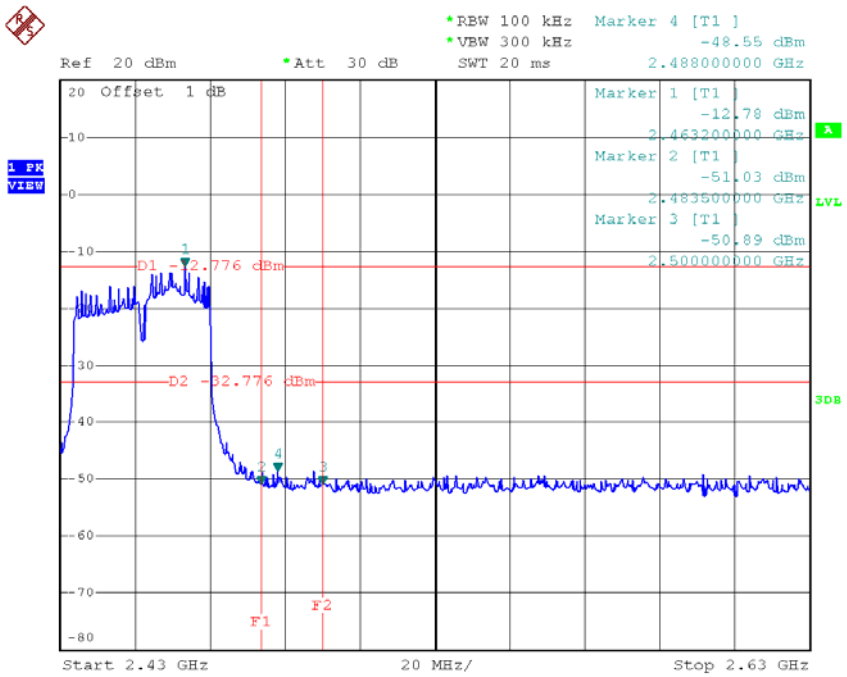
Test Mode :	TX N-40M Mode_ANT 1

TX HT40 mode CH03



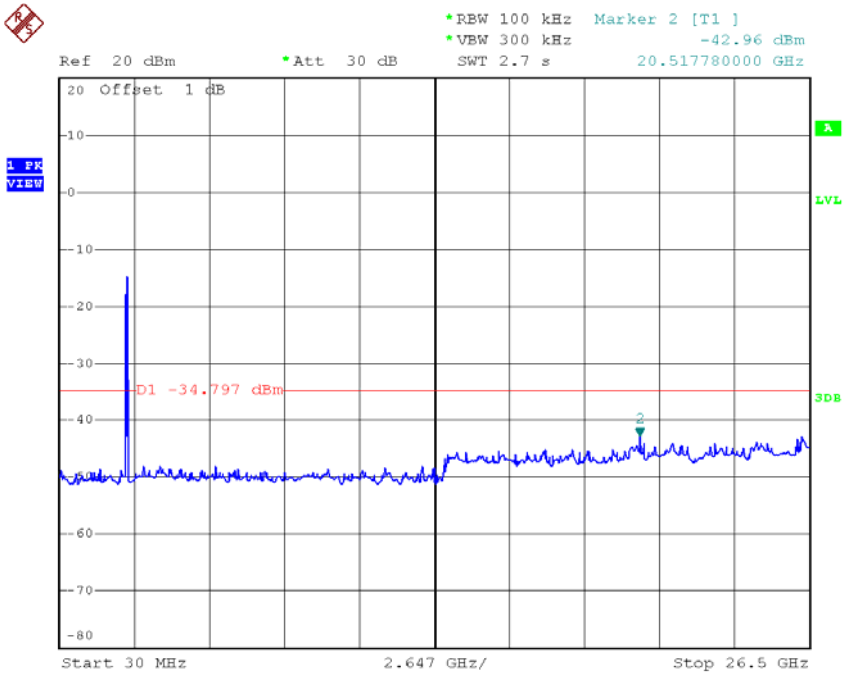
Date: 7.APR.2015 15:43:07

TX HT40 mode CH09



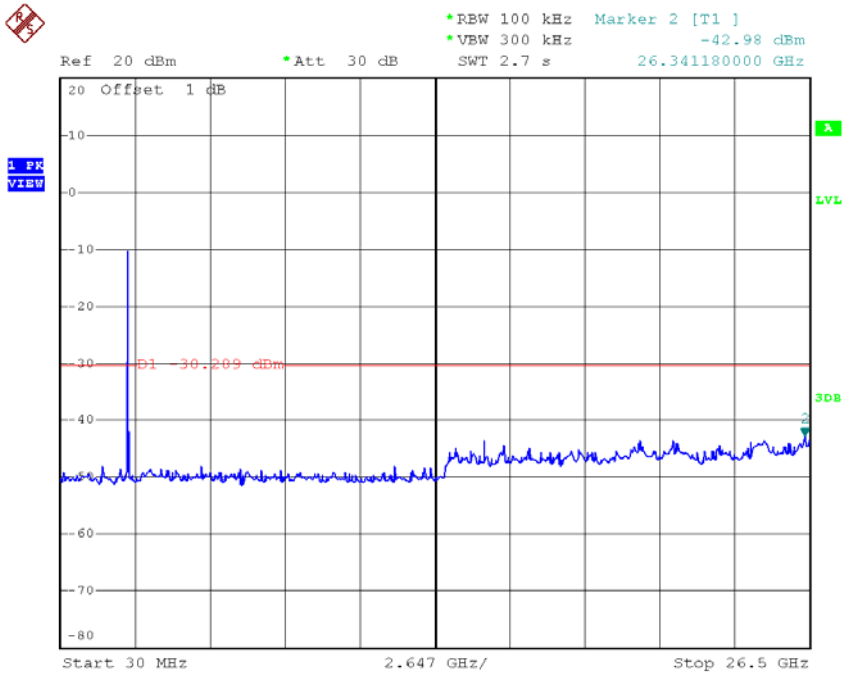
Date: 7.APR.2015 15:44:46

TX HT40 mode CH03 (10 Harmonic of the frequency)



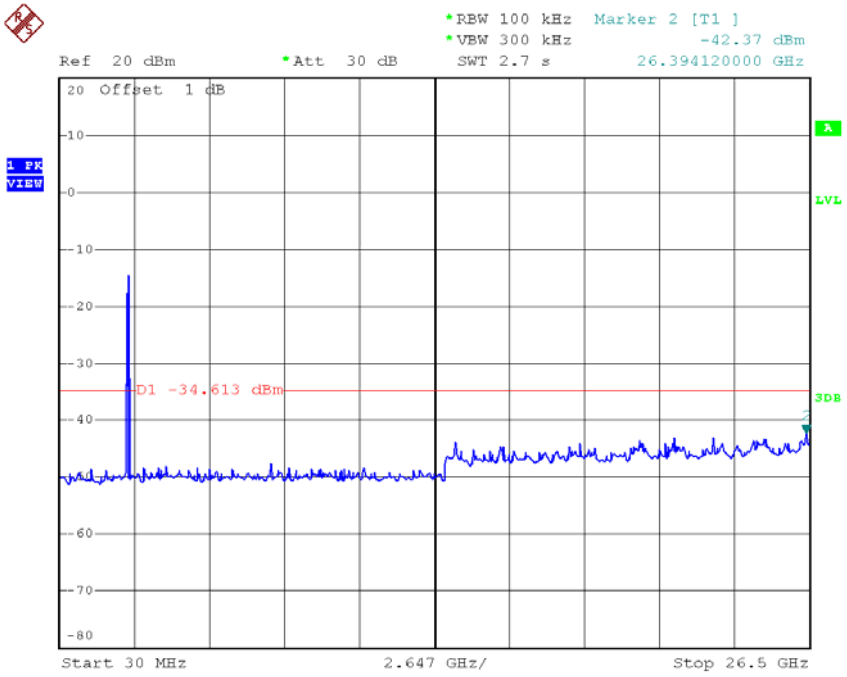
Date: 7.APR.2015 15:43:00

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:43:56

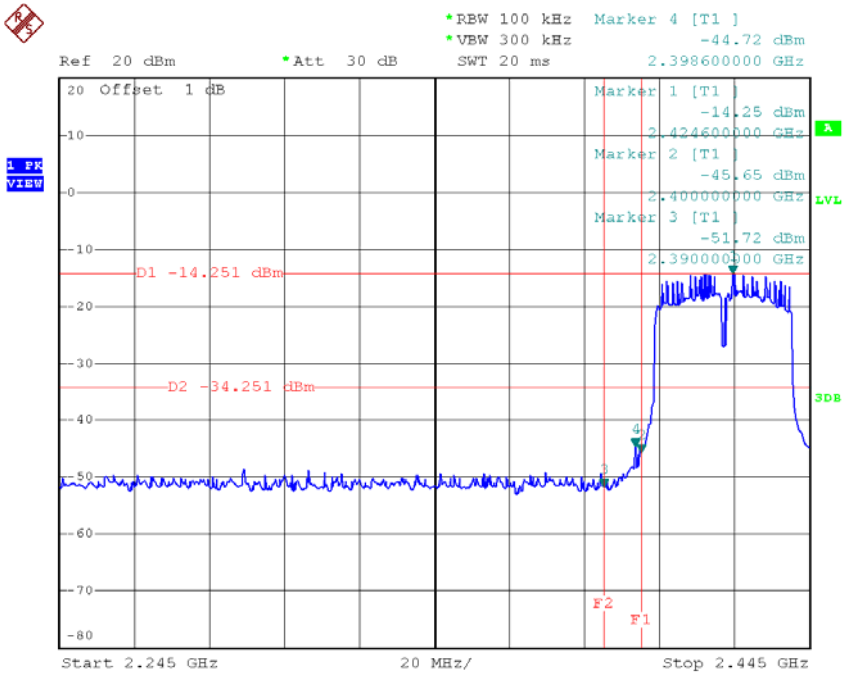
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:44:39

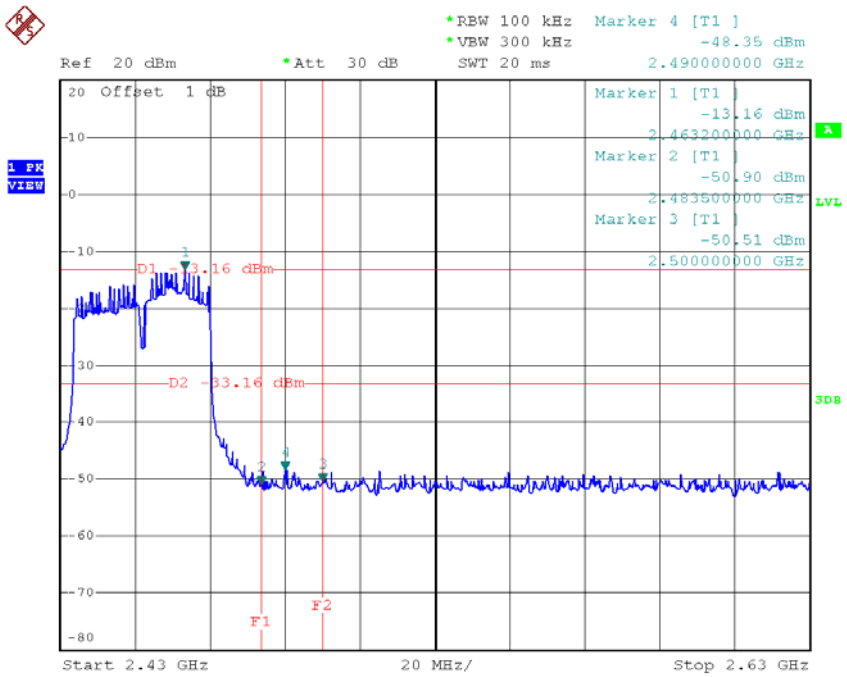
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



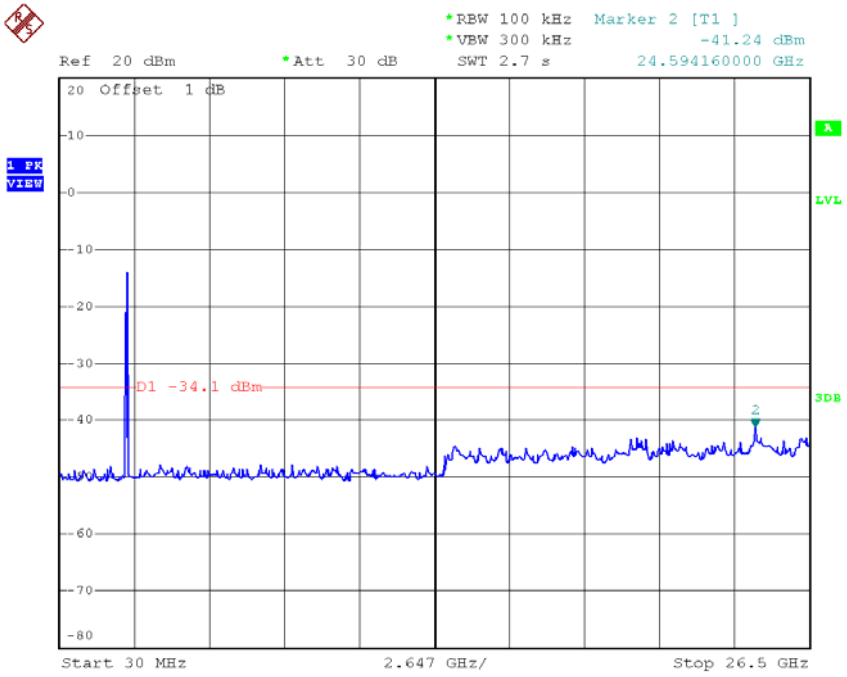
Date: 7.APR.2015 15:49:13

TX HT40 mode CH09



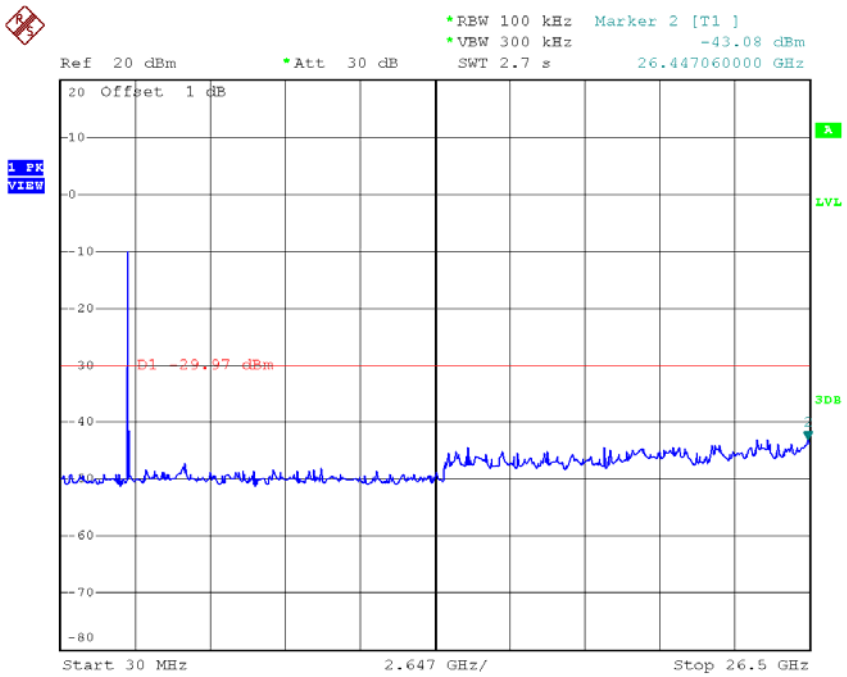
Date: 7.APR.2015 15:51:27

TX HT40 mode CH03 (10 Harmonic of the frequency)



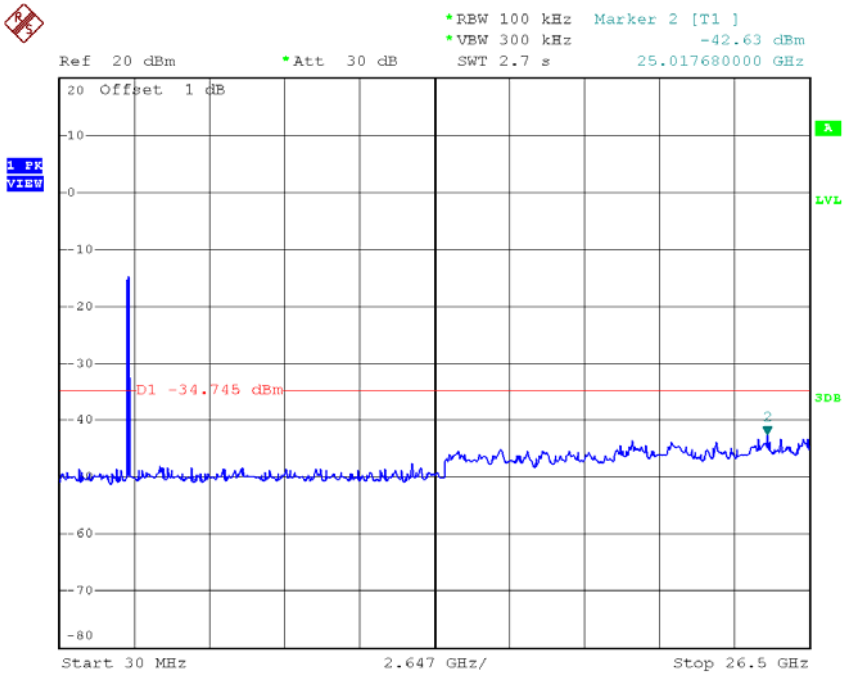
Date: 7.APR.2015 15:49:06

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:50:09

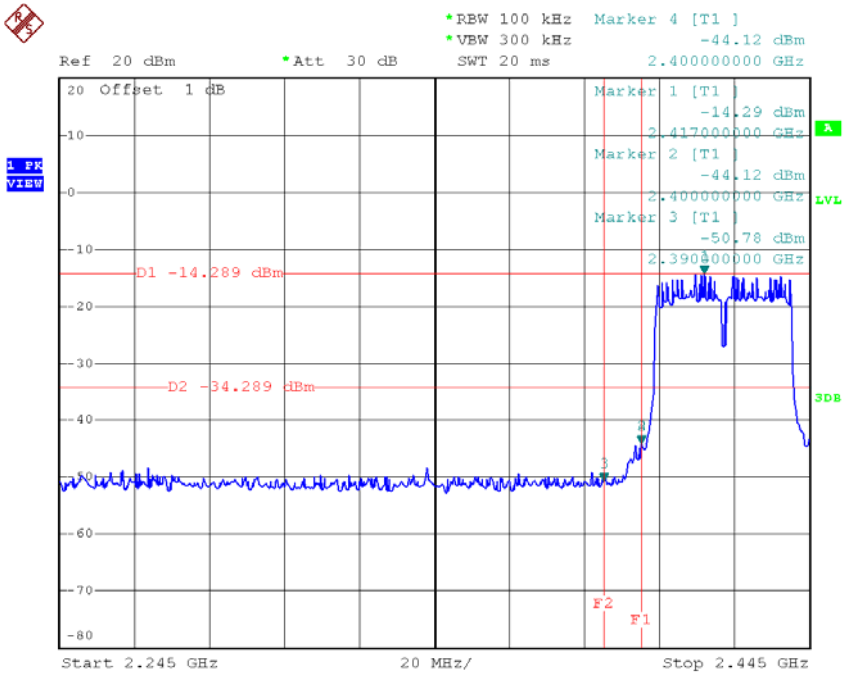
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:51:20

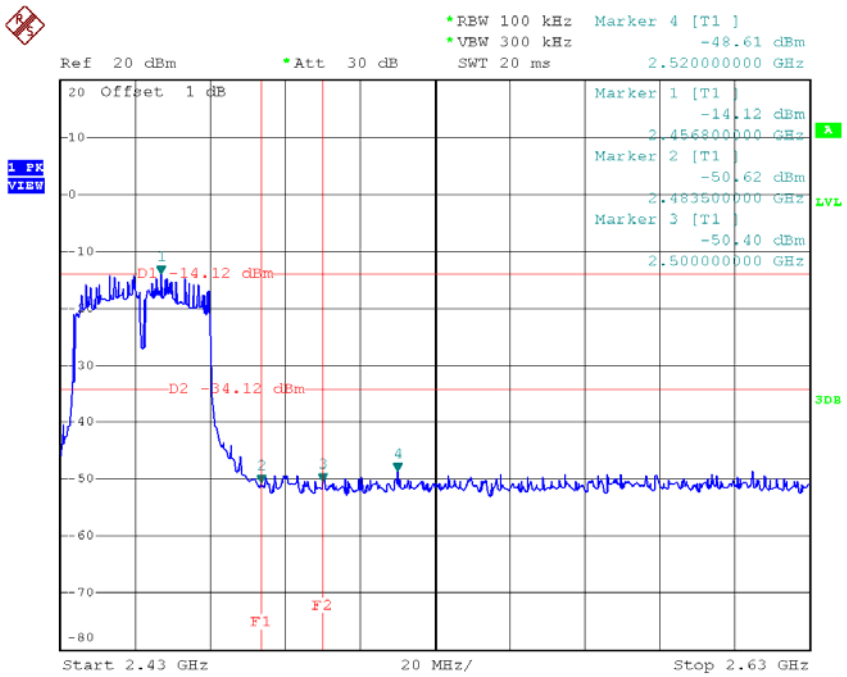
Test Mode :	TX N-40M Mode_ANT 3

TX HT40 mode CH03



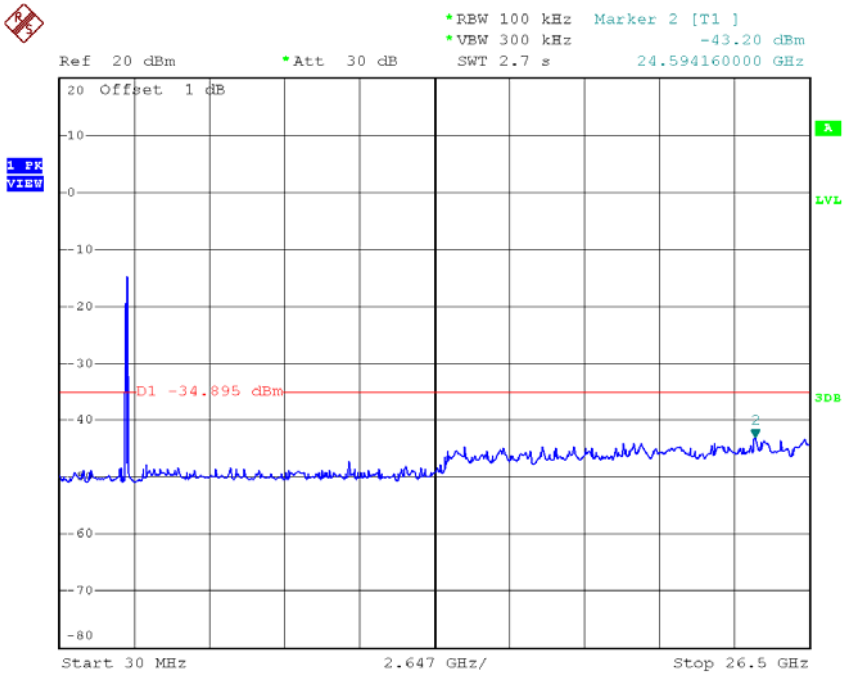
Date: 7.APR.2015 15:55:56

TX HT40 mode CH09



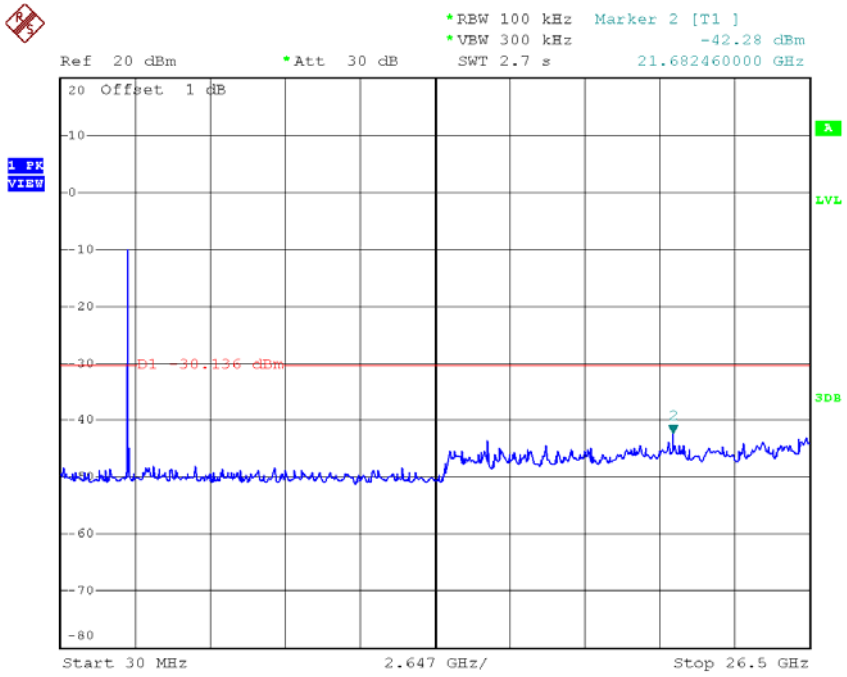
Date: 7.APR.2015 15:58:20

TX HT40 mode CH03 (10 Harmonic of the frequency)



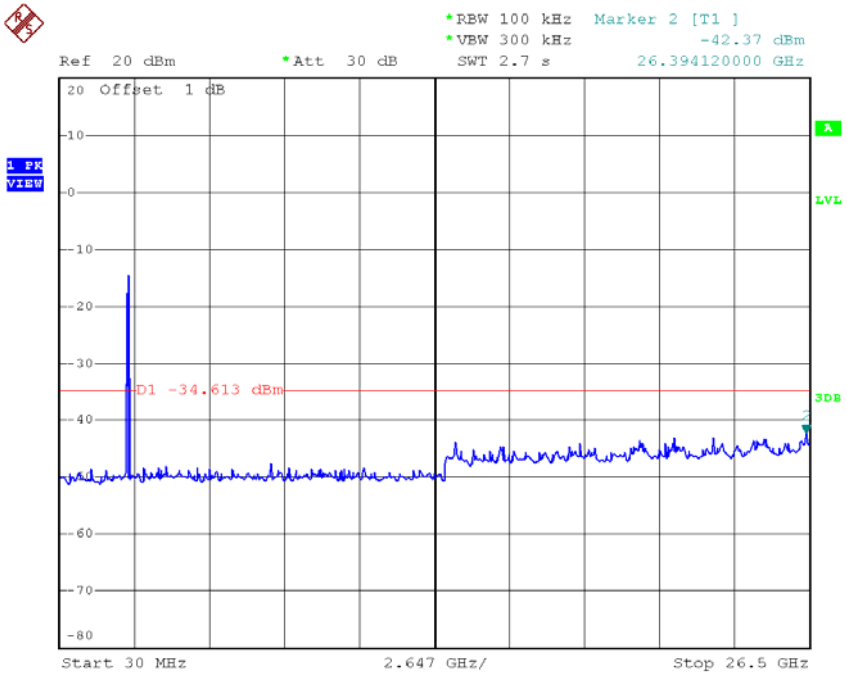
Date: 7.APR.2015 15:55:48

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:57:10

TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 7.APR.2015 15:44:39

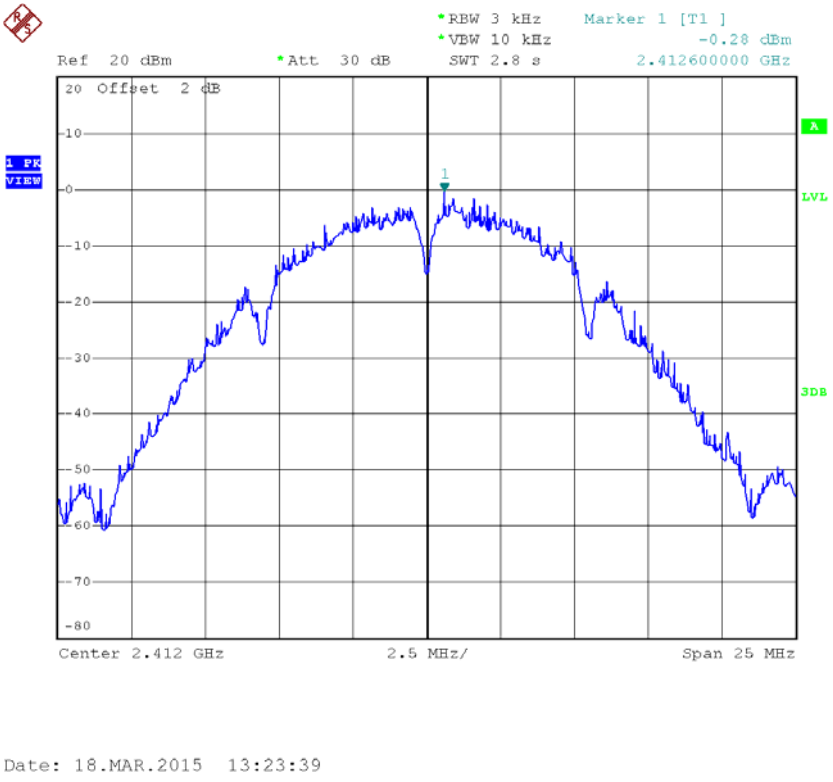
ATTACHMENT H - POWER SPECTRAL DENSITY

For 1TX

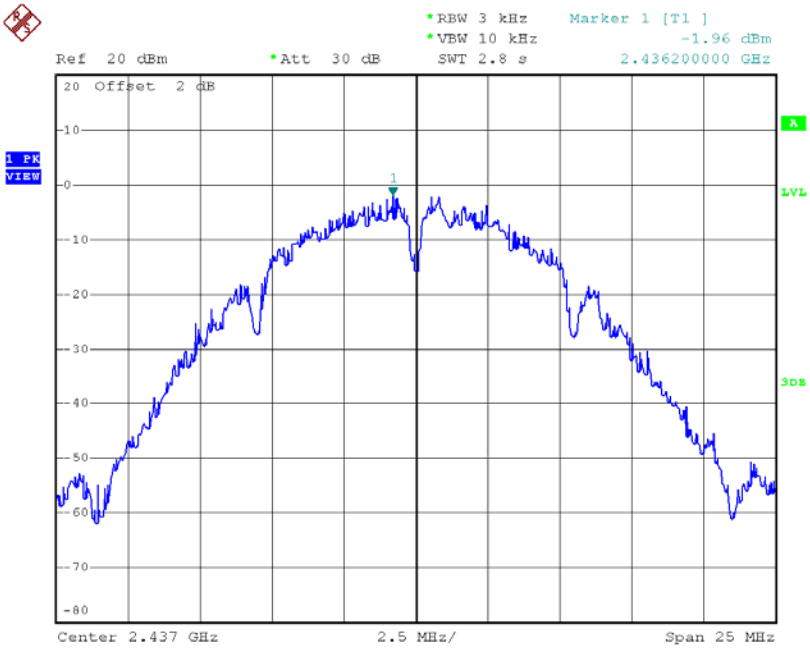
Test Mode :TX B Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-0.28	0.94	8.00	Complies
2437	-1.96	0.64	8.00	Complies
2462	0.09	1.02	8.00	Complies

TX CH01

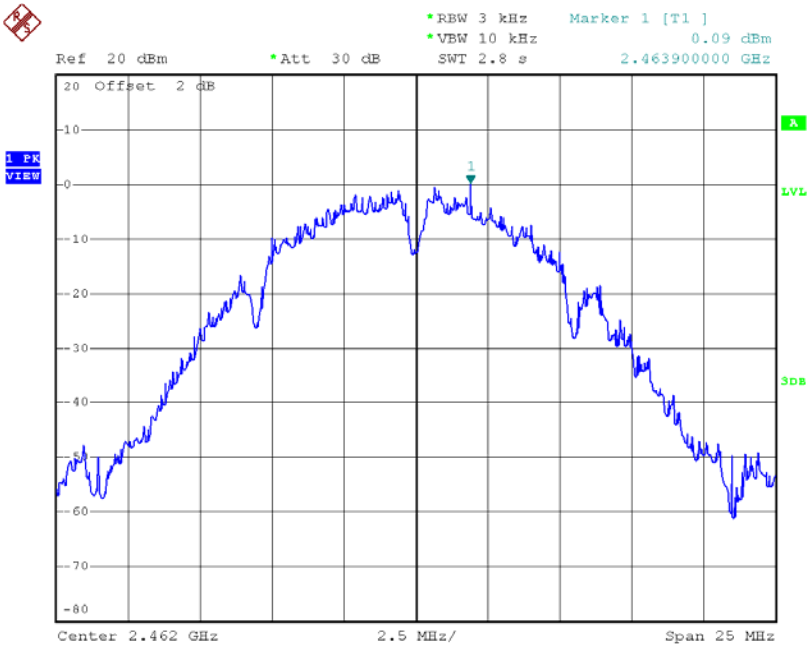


TX CH06



Date: 18.MAR.2015 13:25:02

TX CH11

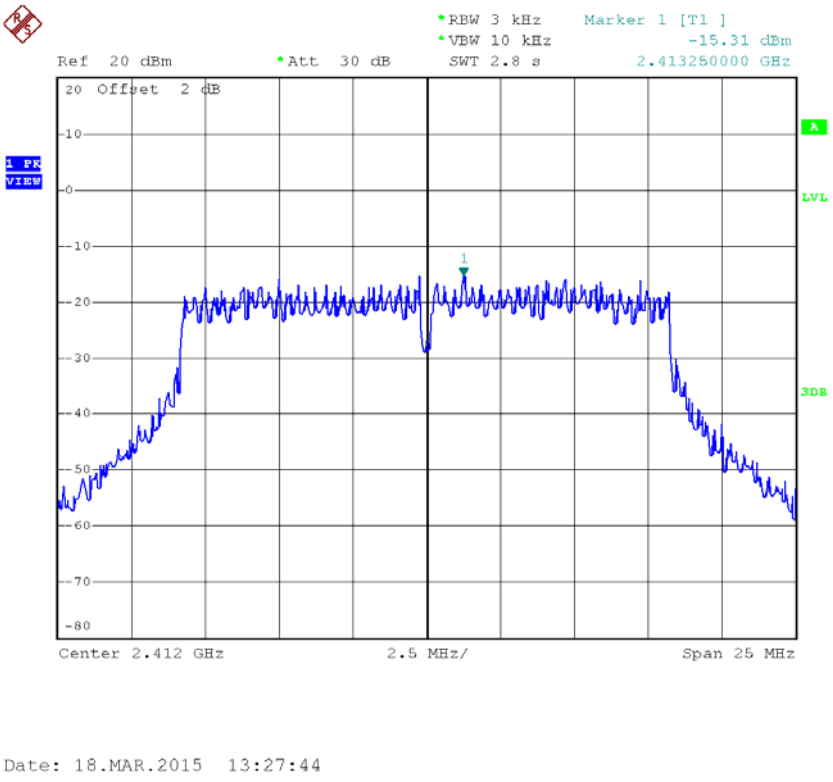


Date: 18.MAR.2015 13:26:12

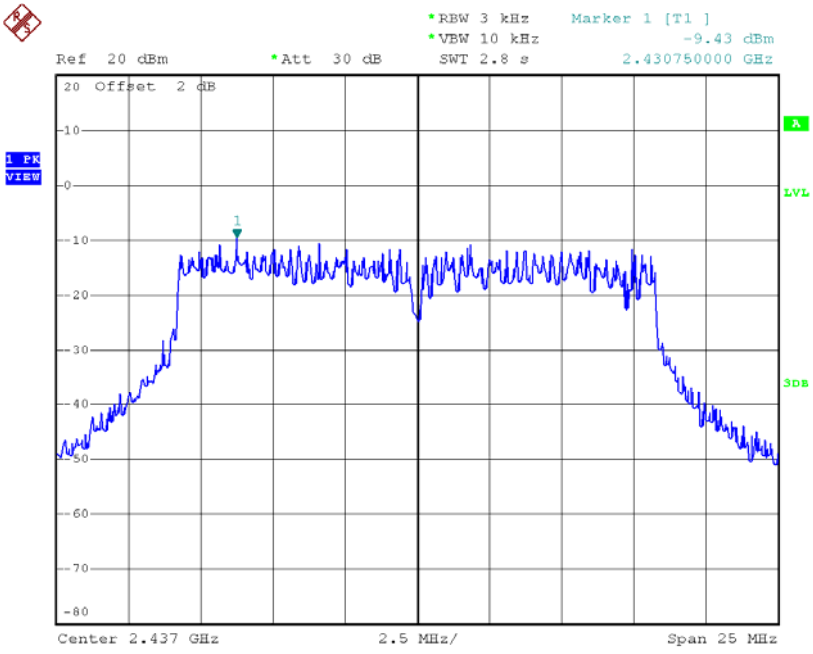
Test Mode :TX G Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-15.31	0.03	8.00	Complies
2437	-9.43	0.11	8.00	Complies
2462	-14.32	0.04	8.00	Complies

TX CH01

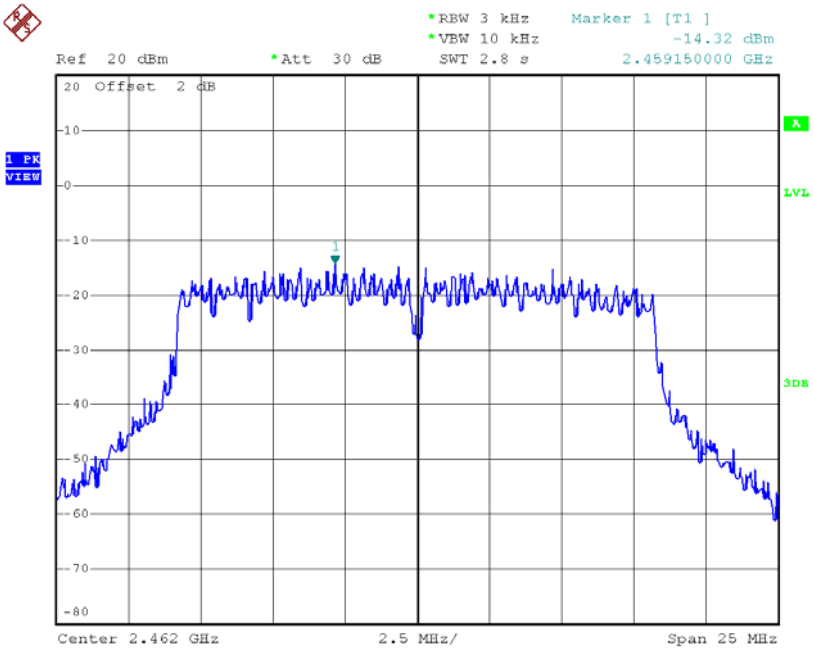


TX CH06



Date: 18.MAR.2015 13:31:36

TX CH11

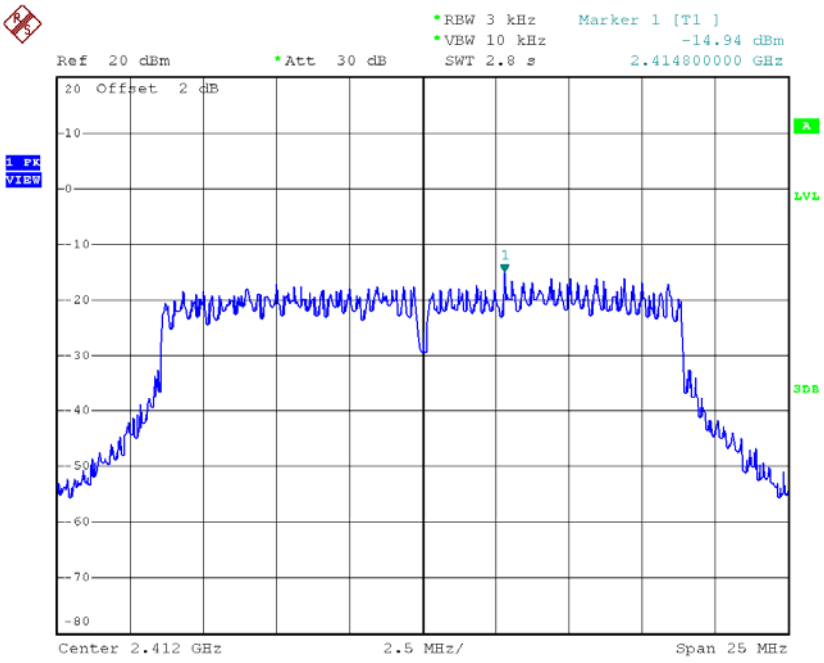


Date: 18.MAR.2015 13:35:58

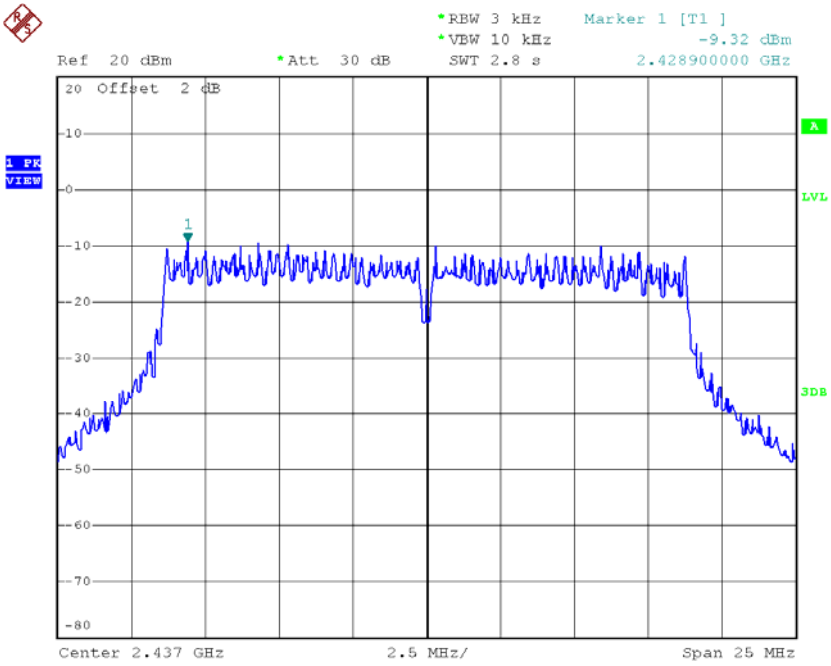
Test Mode : TX N-20M Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.94	0.03	8.00	Complies
2437	-9.32	0.12	8.00	Complies
2462	-13.80	0.04	8.00	Complies

TX CH01

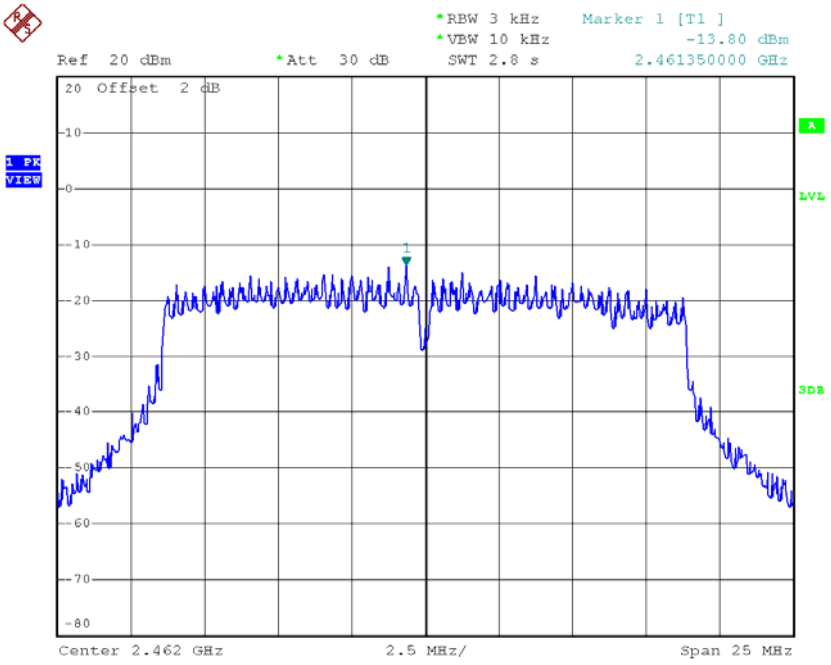


TX CH06



Date: 18.MAR.2015 13:38:48

TX CH11

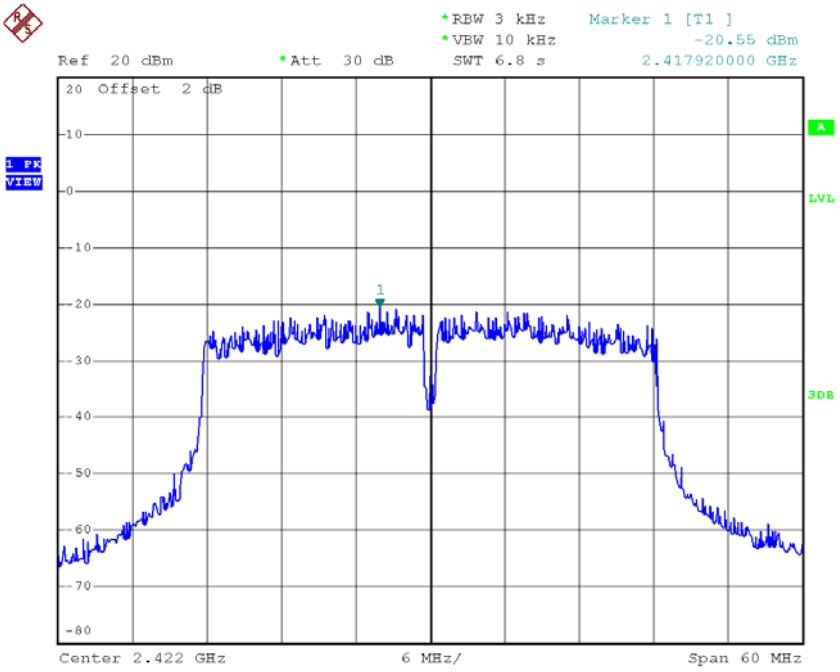


Date: 18.MAR.2015 13:39:52

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

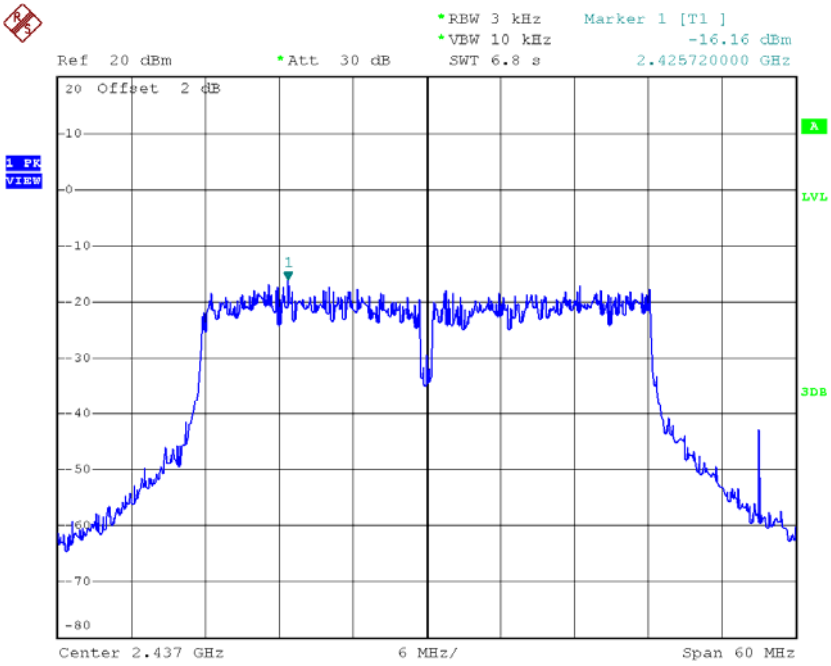
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-20.55	0.01	8.00	Complies
2437	-16.16	0.02	8.00	Complies
2452	-19.73	0.01	8.00	Complies

TX CH03



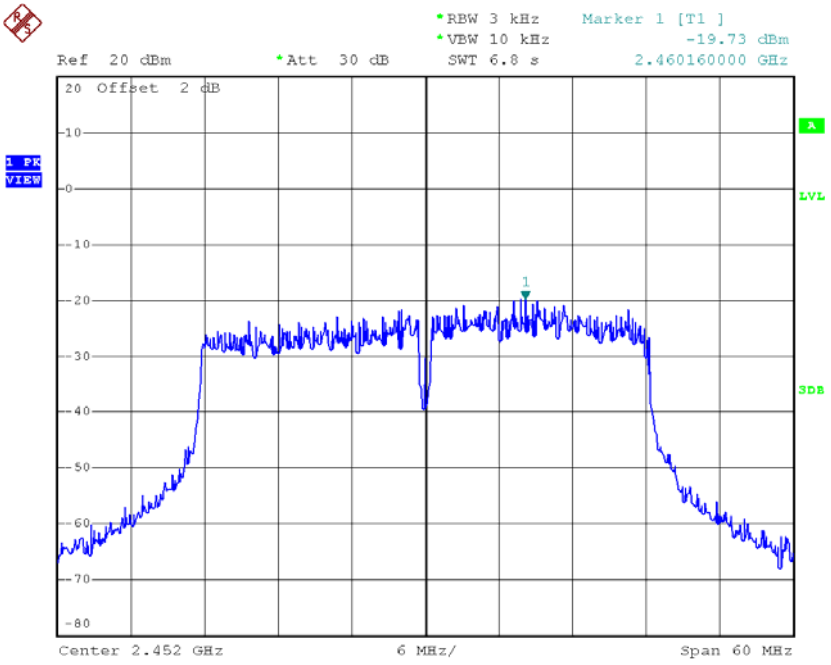
Date: 18.MAR.2015 13:41:13

TX CH06



Date: 18.MAR.2015 13:42:17

TX CH09



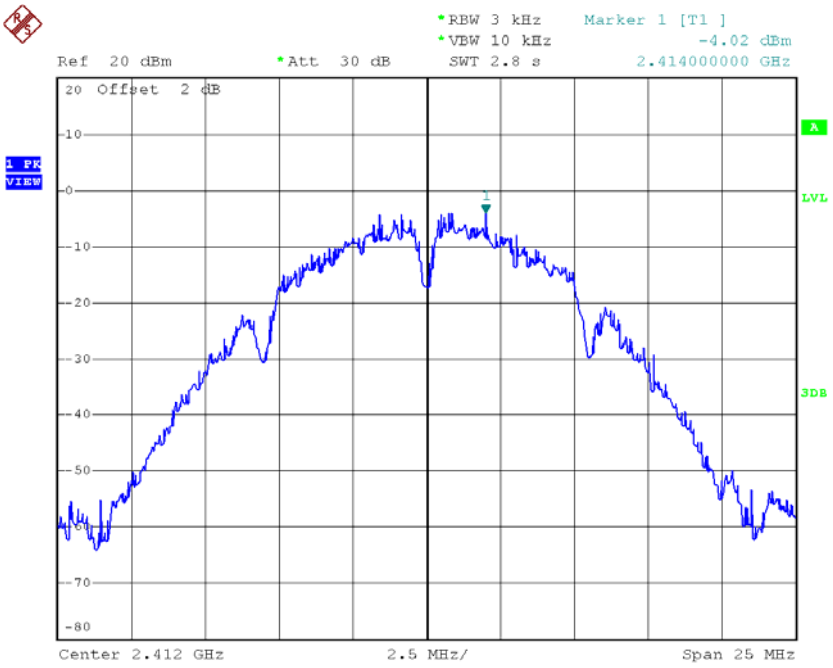
Date: 18.MAR.2015 13:43:32

For 2TX

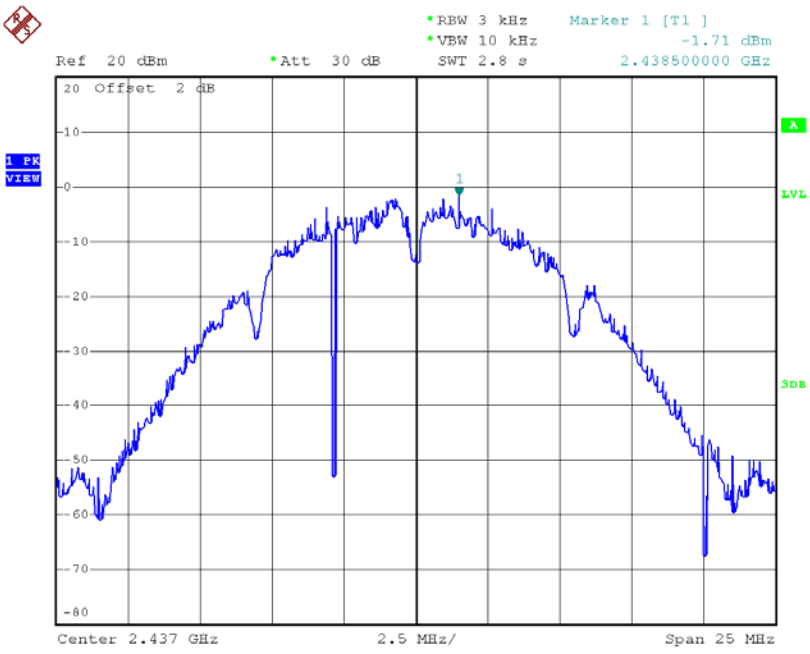
Test Mode :TX B Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-4.02	0.40	8.00	Complies
2437	-1.71	0.67	8.00	Complies
2462	-3.24	0.47	8.00	Complies

TX CH01

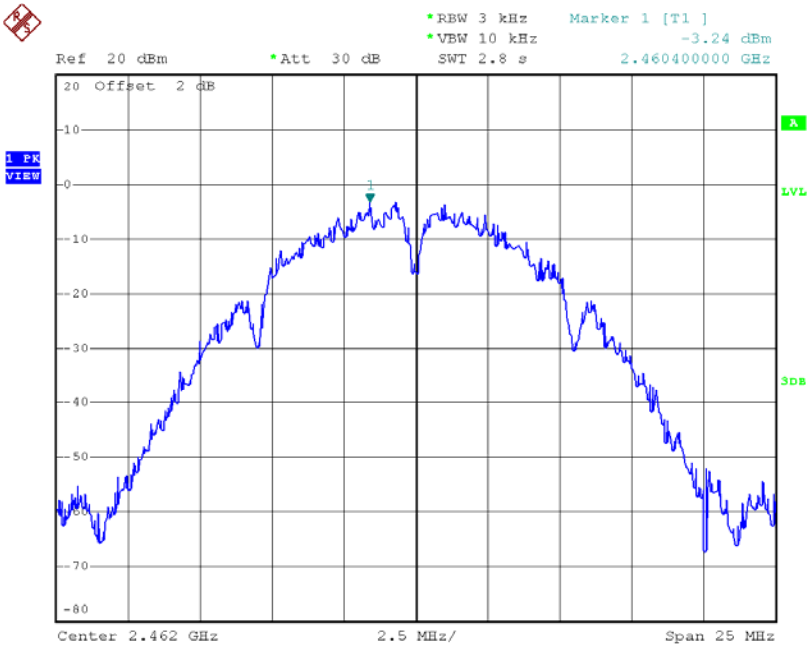


TX CH06



Date: 18.MAR.2015 13:51:27

TX CH11

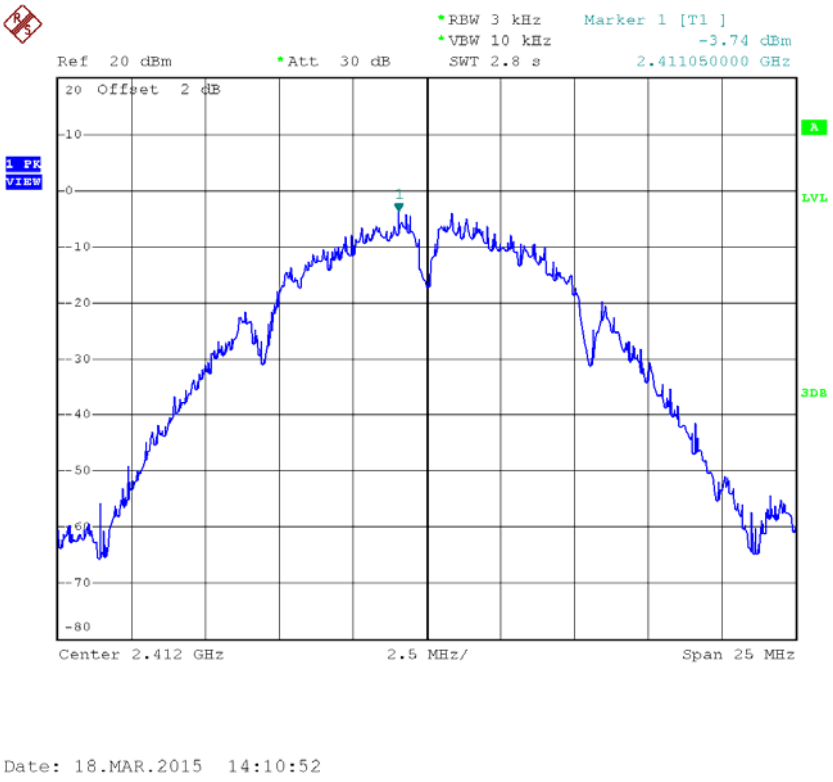


Date: 18.MAR.2015 13:52:36

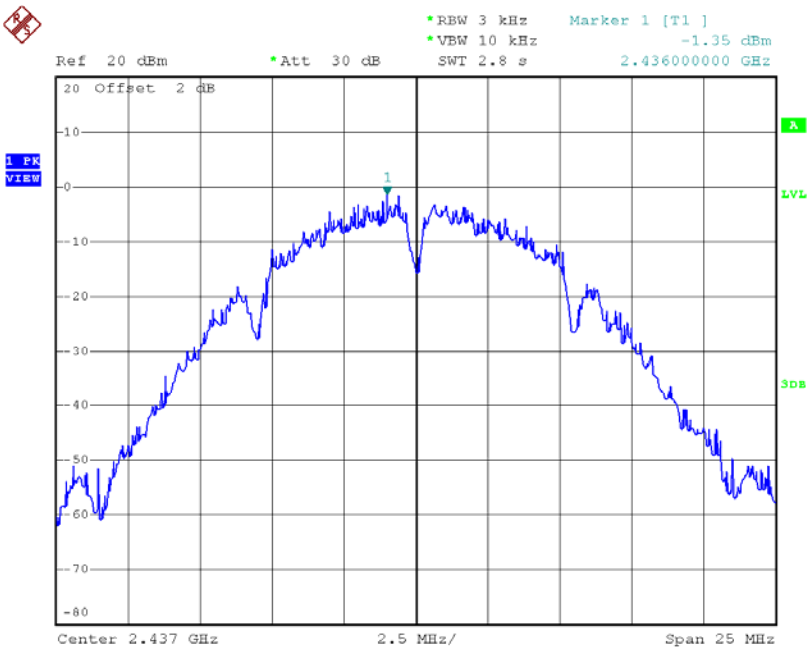
Test Mode :TX B Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-3.74	0.42	8.00	Complies
2437	-1.35	0.73	8.00	Complies
2462	-3.63	0.43	8.00	Complies

TX CH01

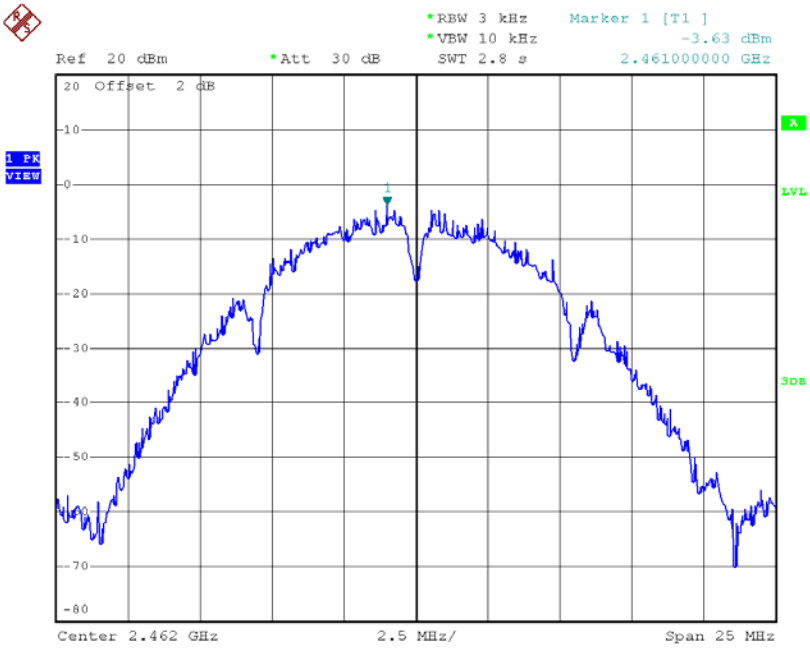


TX CH06



Date: 18.MAR.2015 14:11:57

TX CH11



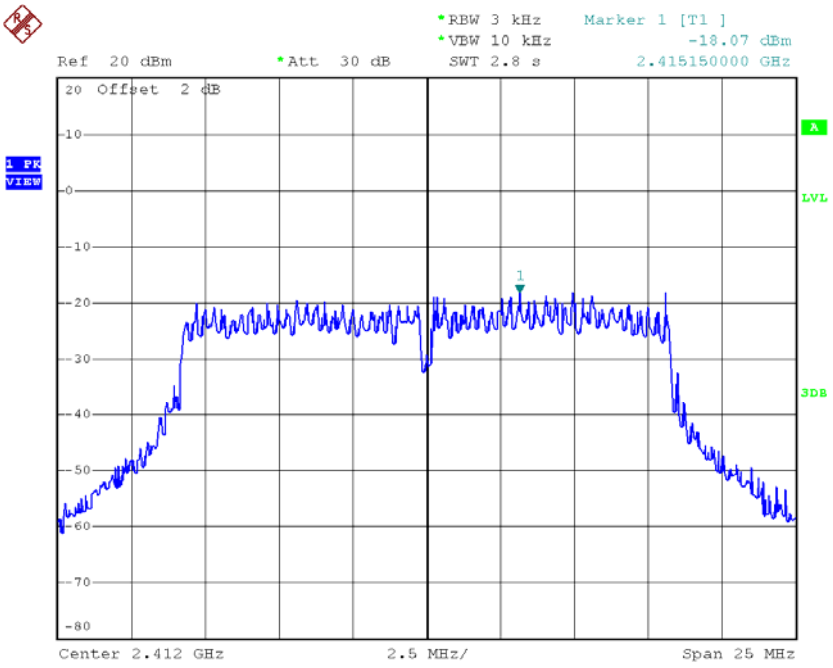
Date: 18.MAR.2015 14:12:52

Test Mode :TX B Mode_CH01/06/11_Total

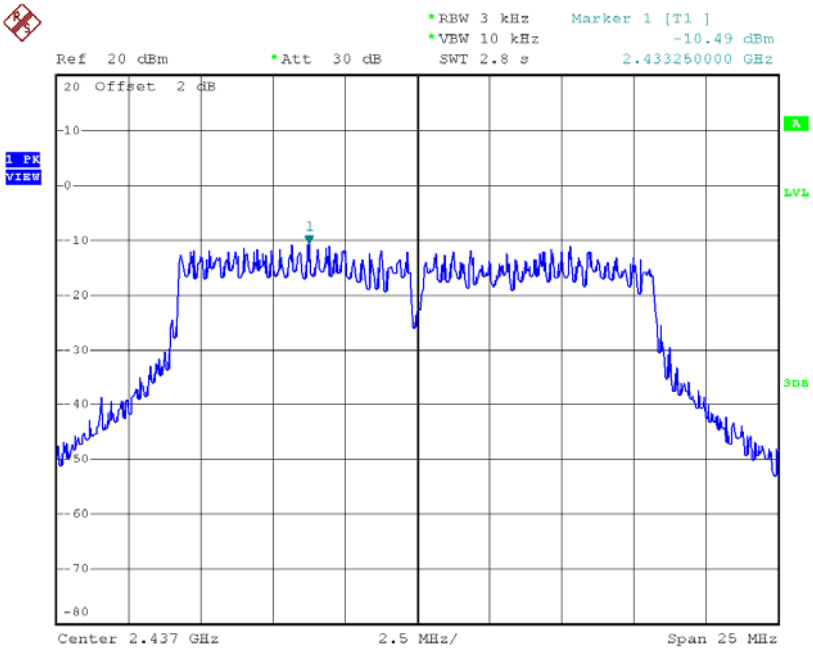
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-0.87	0.82	8.00	Complies
2437	1.48	1.41	8.00	Complies
2462	-0.42	0.91	8.00	Complies

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	-18.07	0.02	8.00	Complies
2437	-10.49	0.09	8.00	Complies
2462	-17.06	0.02	8.00	Complies

TX CH01

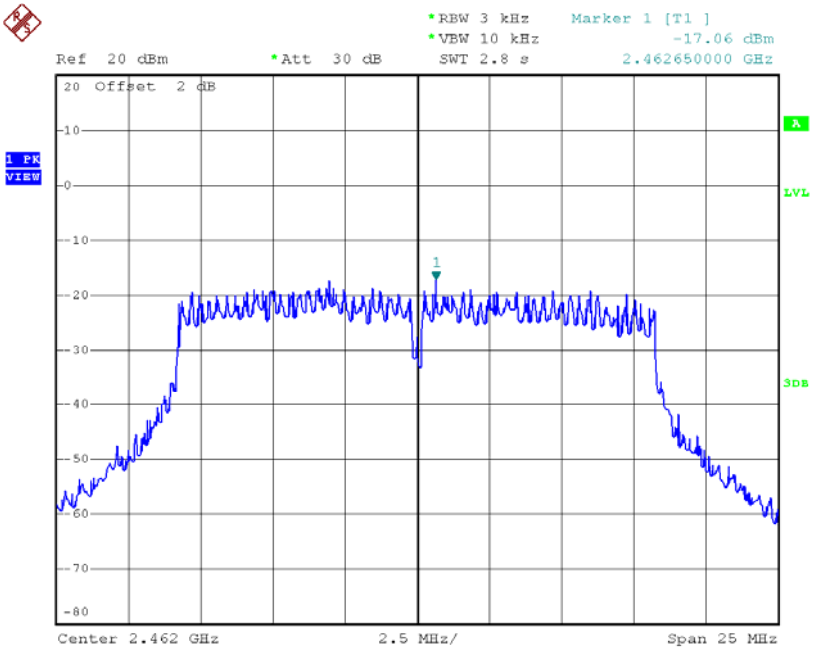


TX CH06



Date: 18.MAR.2015 13:55:23

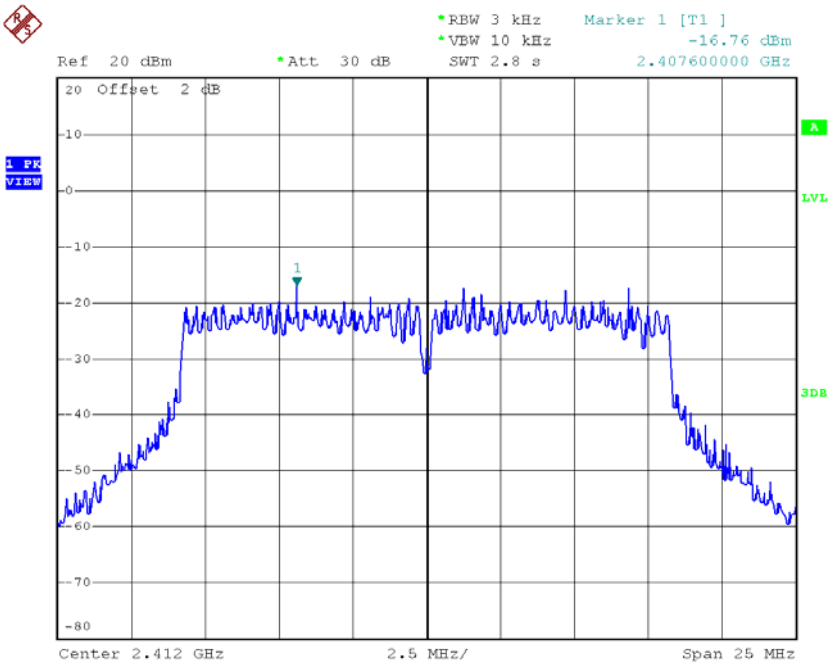
TX CH11



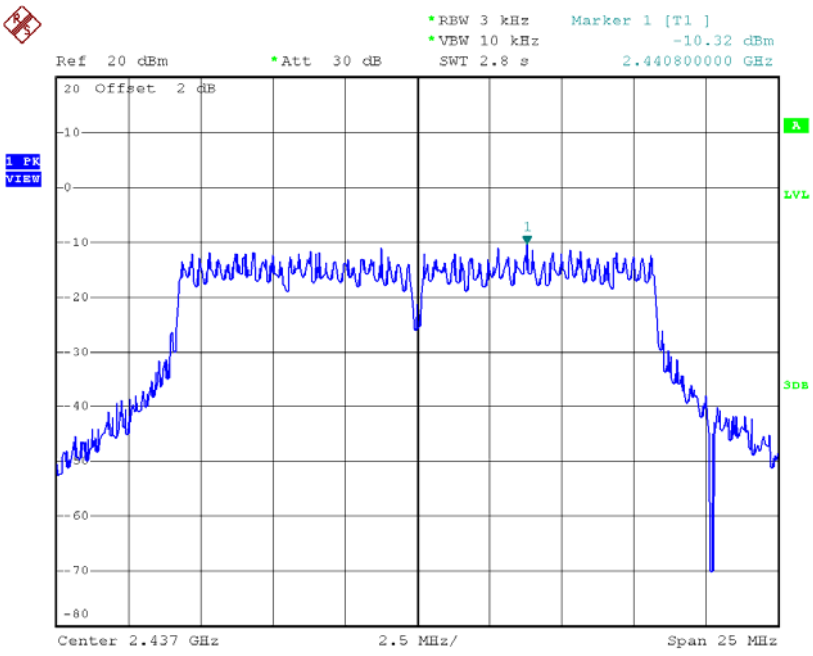
Date: 18.MAR.2015 13:56:25

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	-16.76	0.02	8.00	Complies
2437	-10.32	0.09	8.00	Complies
2462	-17.86	0.02	8.00	Complies

TX CH01

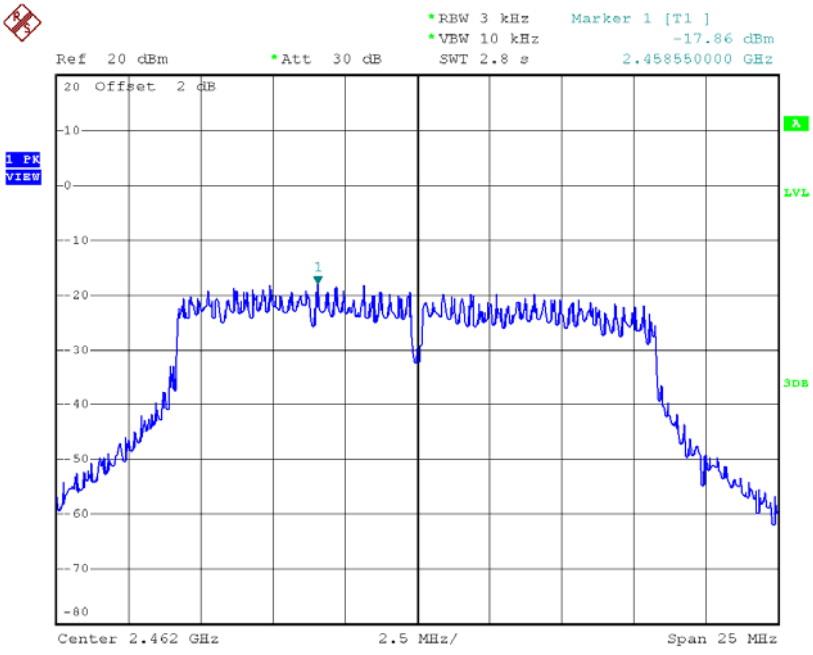


TX CH06



Date: 18.MAR.2015 14:14:59

TX CH11



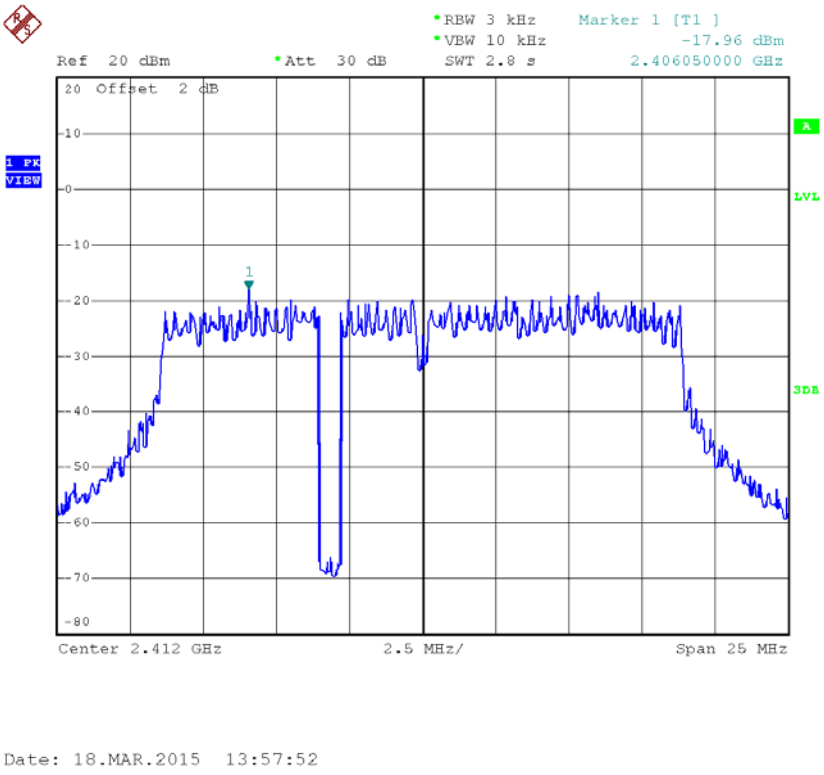
Date: 18.MAR.2015 14:15:50

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	-14.36	0.04	8.00	Complies
2437	-7.39	0.18	8.00	Complies
2462	-14.43	0.04	8.00	Complies

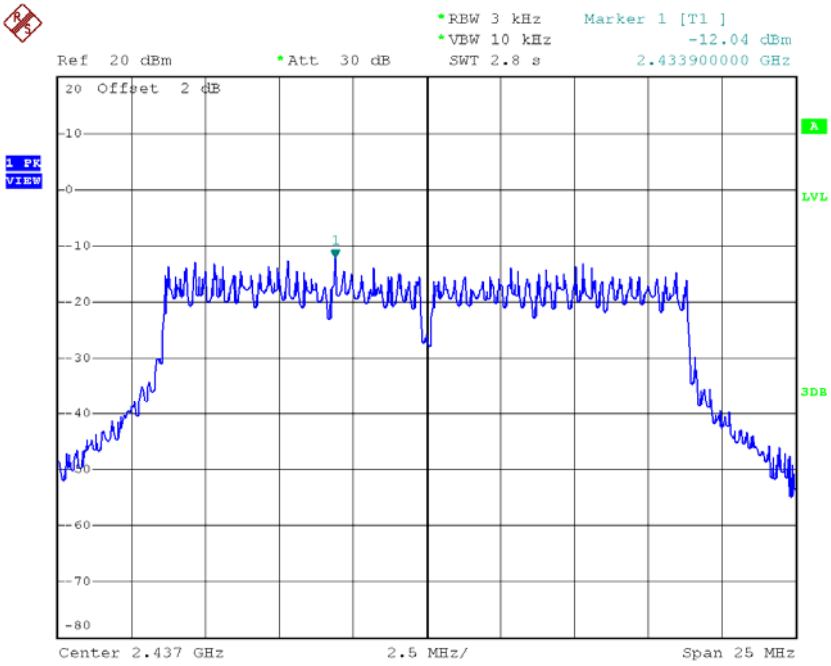
Test Mode : TX N-20M Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-17.96	0.02	8.00	Complies
2437	-12.04	0.06	8.00	Complies
2462	-17.98	0.02	8.00	Complies

TX CH01

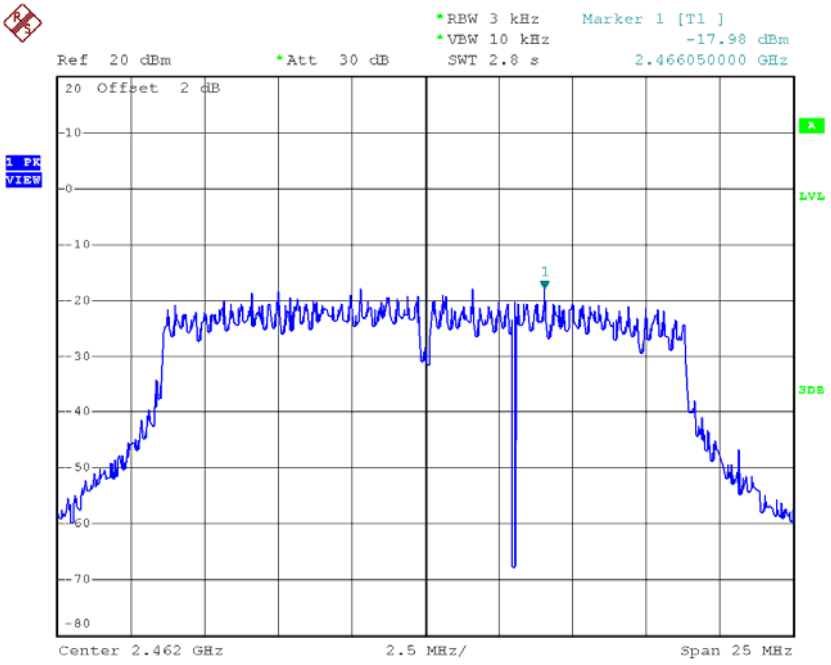


TX CH06



Date: 18.MAR.2015 13:59:06

TX CH11

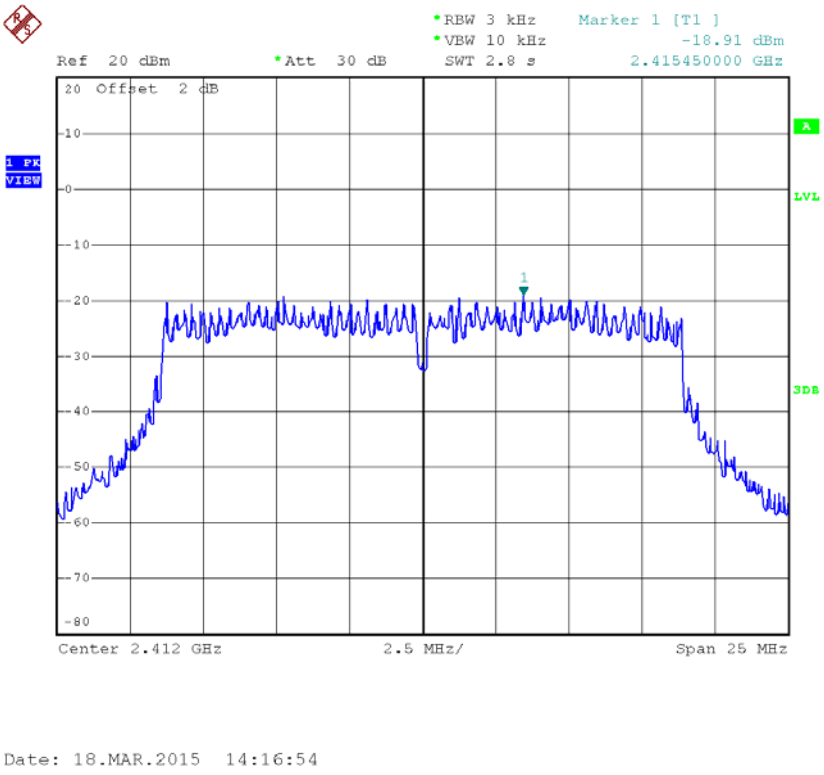


Date: 18.MAR.2015 14:00:06

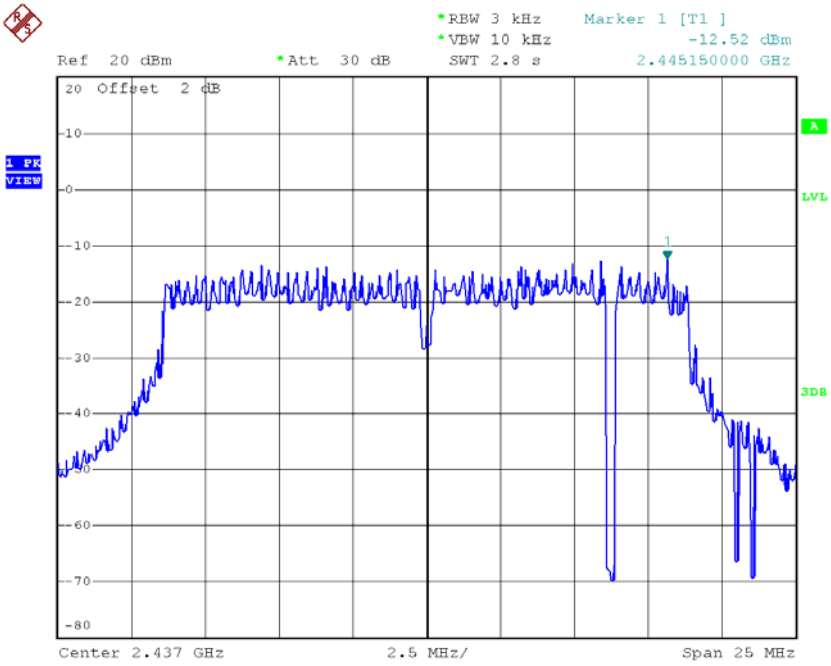
Test Mode : TX N-20M Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-18.91	0.01	8.00	Complies
2437	-12.52	0.06	8.00	Complies
2462	-16.52	0.02	8.00	Complies

TX CH01

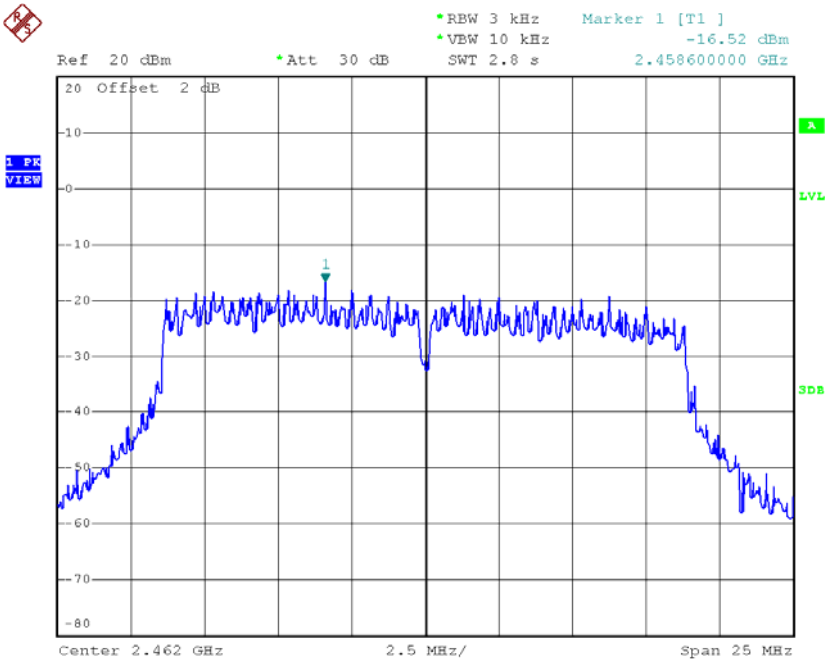


TX CH06



Date: 18.MAR.2015 14:17:42

TX CH11



Date: 18.MAR.2015 14:18:58

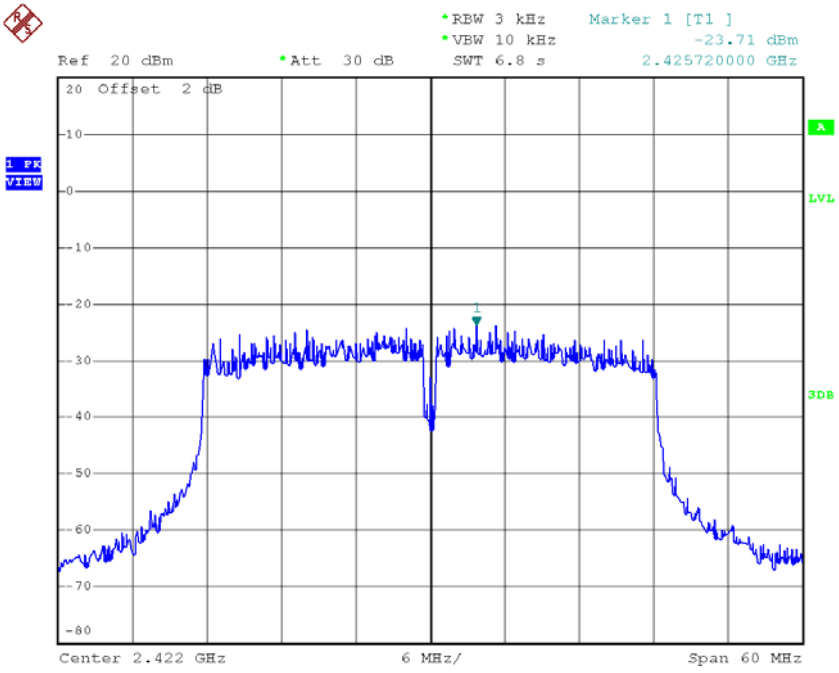
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-15.40	0.03	8.00	Complies
2437	-9.26	0.12	8.00	Complies
2462	-14.18	0.04	8.00	Complies

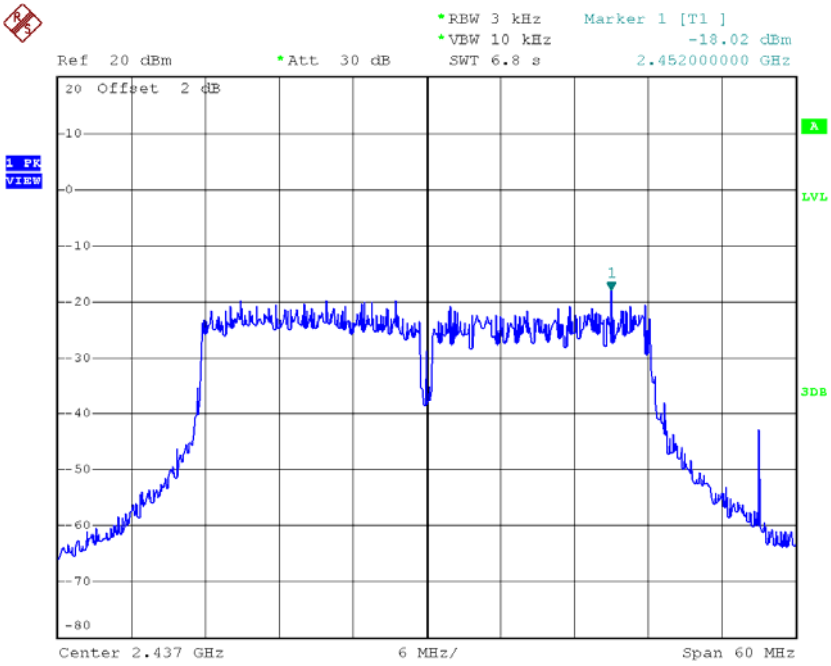
Test Mode : TX N-40M Mode_CH03/06/09_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-23.71	0.00	8.00	Complies
2437	-18.02	0.02	8.00	Complies
2452	-23.30	0.00	8.00	Complies

TX CH03

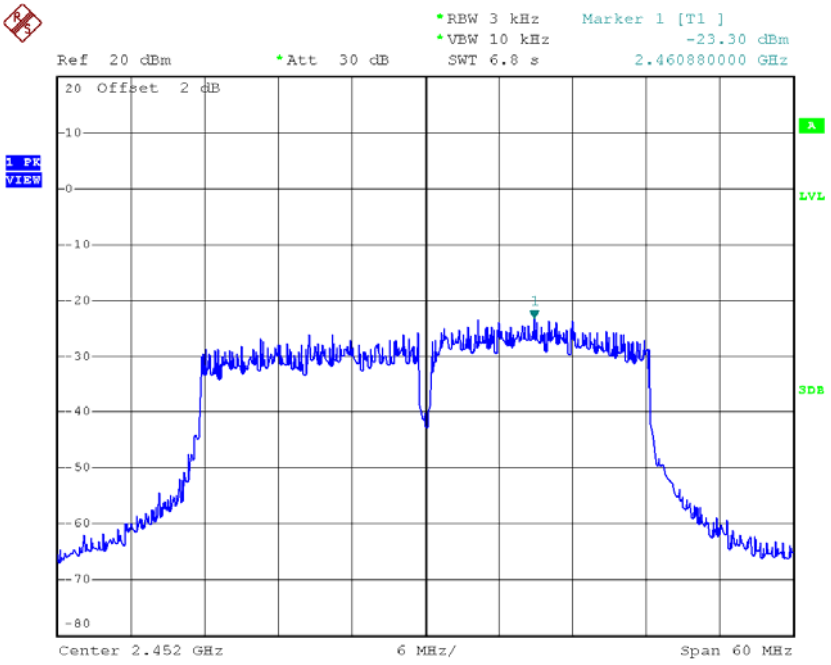


TX CH06



Date: 18.MAR.2015 14:06:30

TX CH09

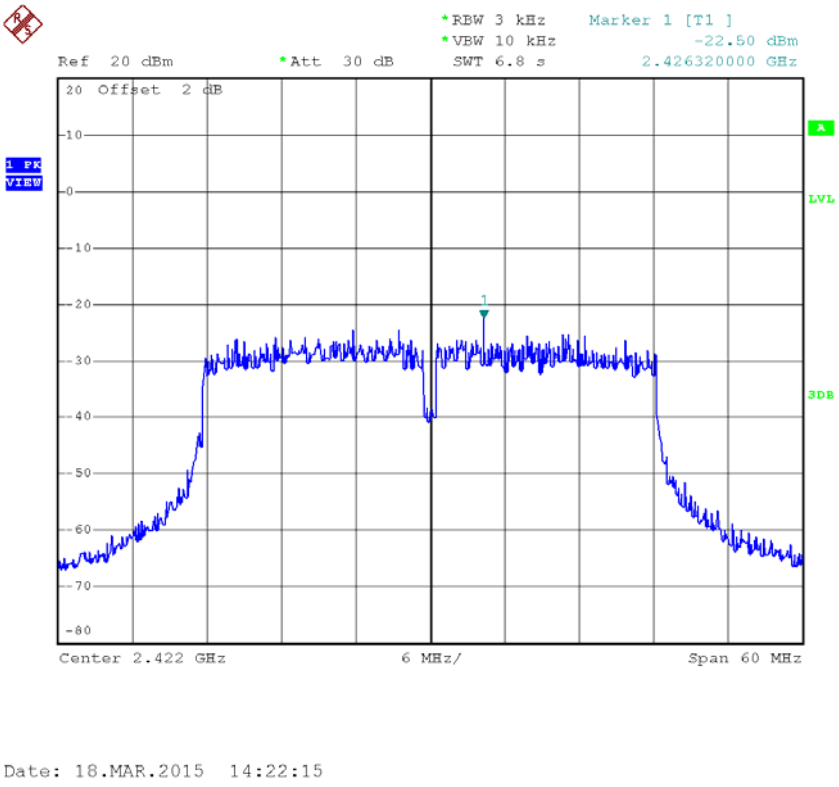


Date: 18.MAR.2015 14:07:39

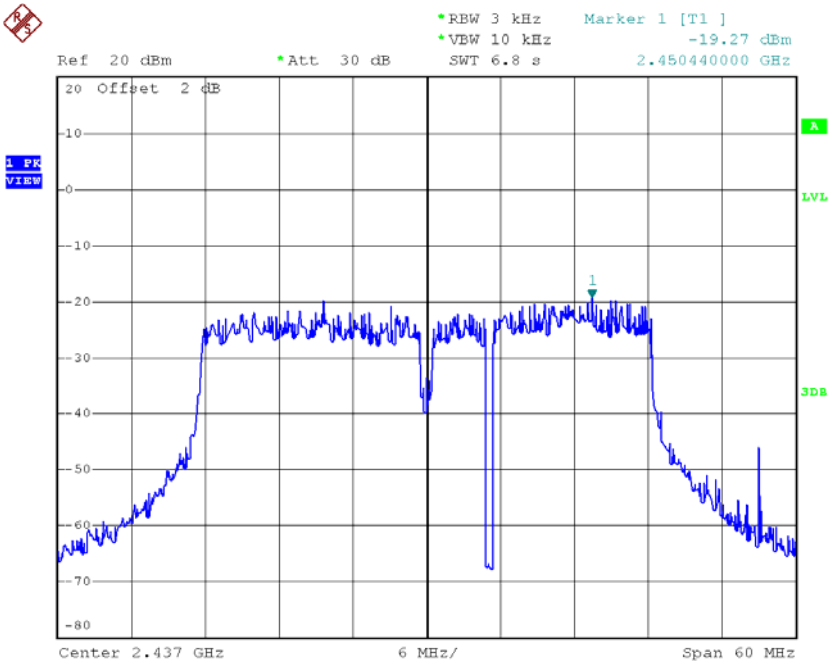
Test Mode : TX N-40M Mode_CH03/06/09_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-22.50	0.01	8.00	Complies
2437	-19.27	0.01	8.00	Complies
2452	-22.49	0.01	8.00	Complies

TX CH03

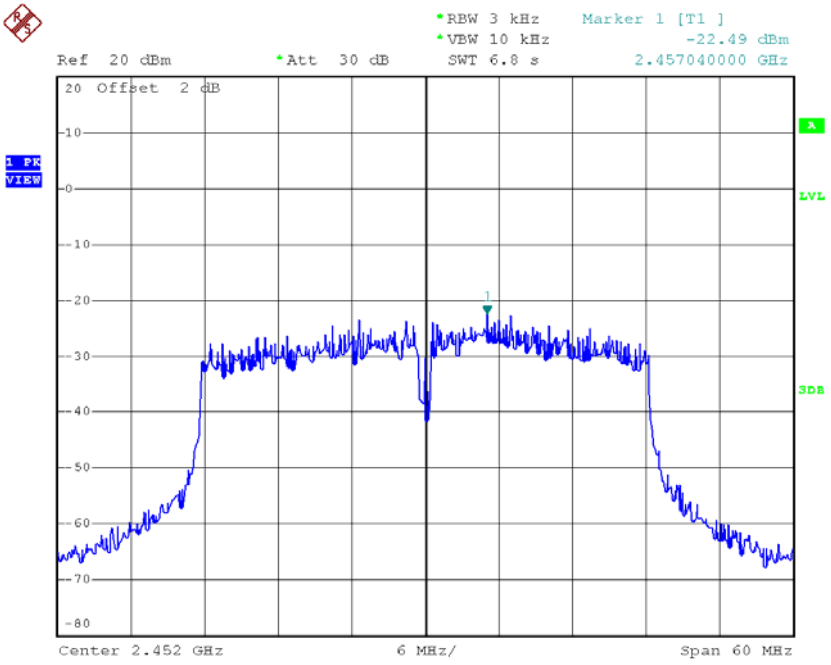


TX CH06



Date: 18.MAR.2015 14:23:36

TX CH09



Date: 18.MAR.2015 14:24:34

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

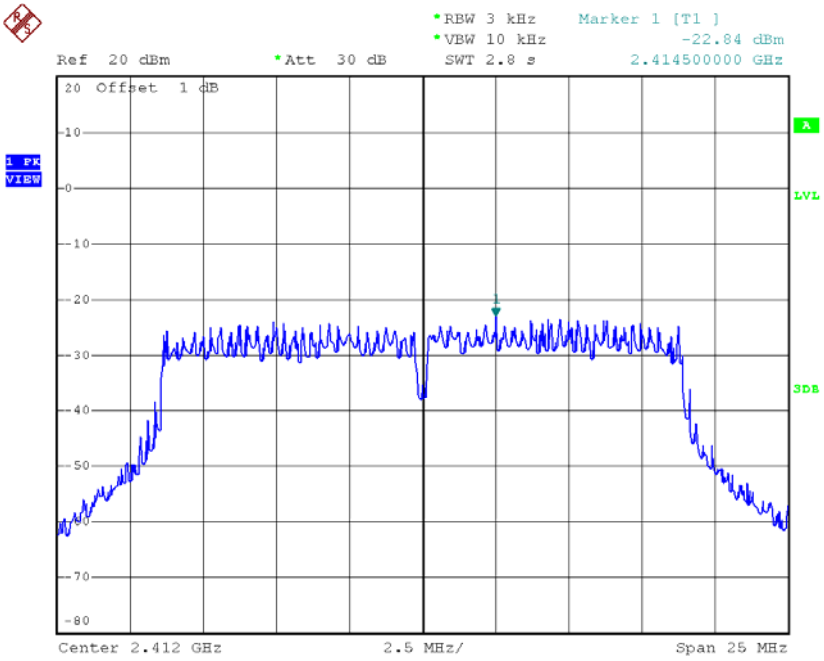
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-20.05	0.01	8.00	Complies
2437	-15.59	0.03	8.00	Complies
2452	-19.87	0.01	8.00	Complies

For 2TX with beamforming

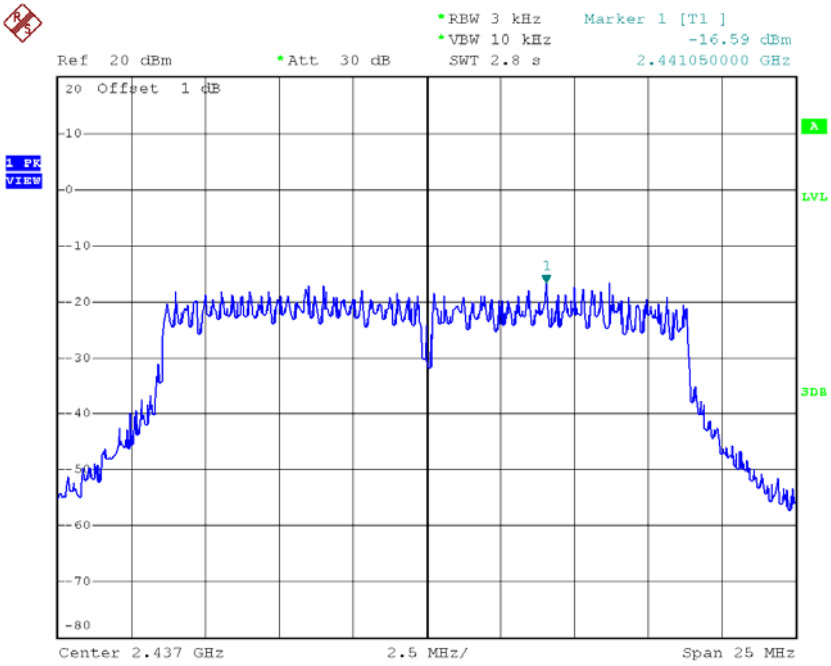
Test Mode : TX N-20M Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-22.84	0.01	6.74	Complies
2437	-16.59	0.02	6.74	Complies
2462	-16.26	0.02	6.74	Complies

TX CH01

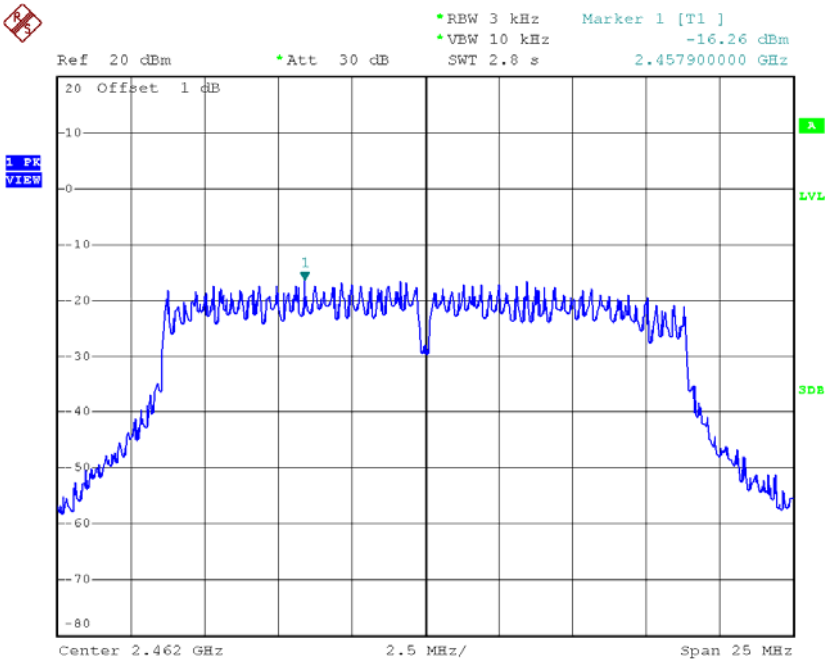


TX CH06



Date: 7.APR.2015 15:28:12

TX CH11

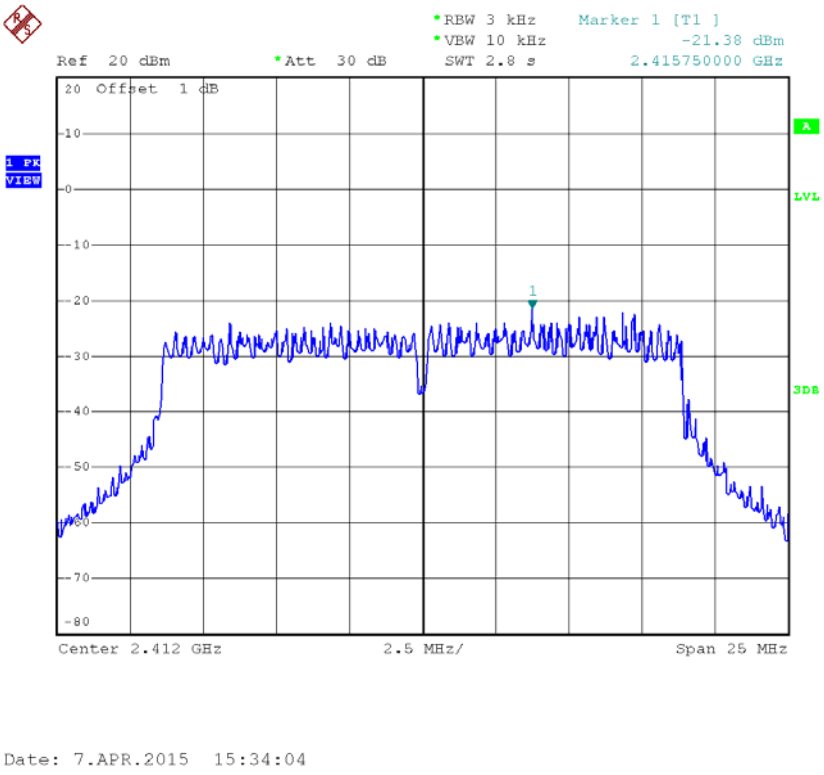


Date: 7.APR.2015 15:29:04

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

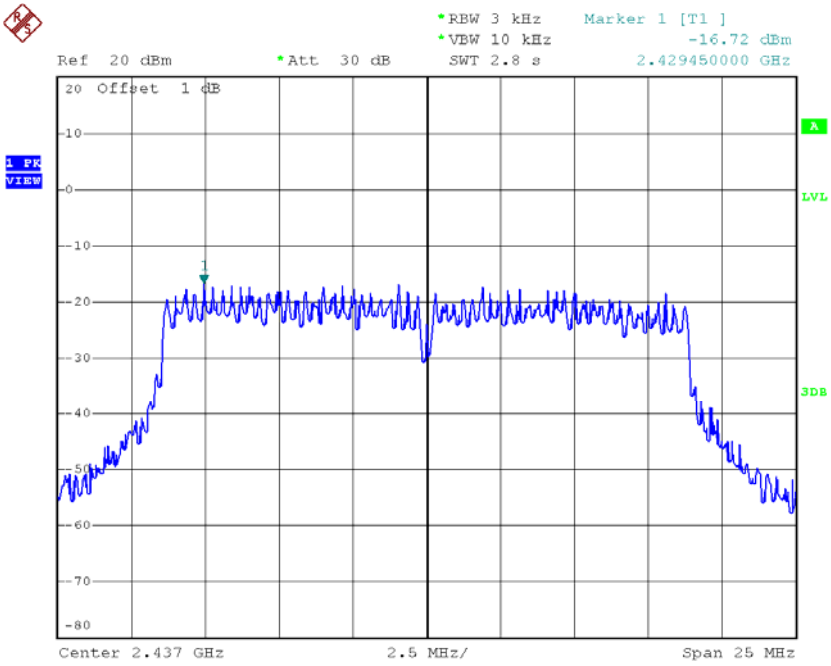
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-21.38	0.01	6.74	Complies
2437	-16.72	0.02	6.74	Complies
2462	-22.33	0.01	6.74	Complies

TX CH01



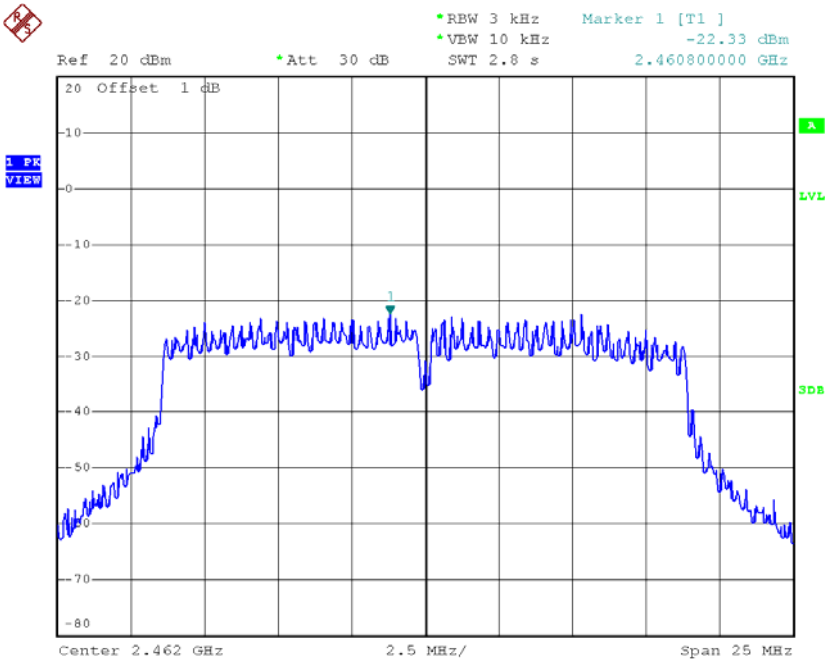
Date: 7.APR.2015 15:34:04

TX CH06



Date: 7.APR.2015 15:34:50

TX CH11



Date: 7.APR.2015 15:35:37

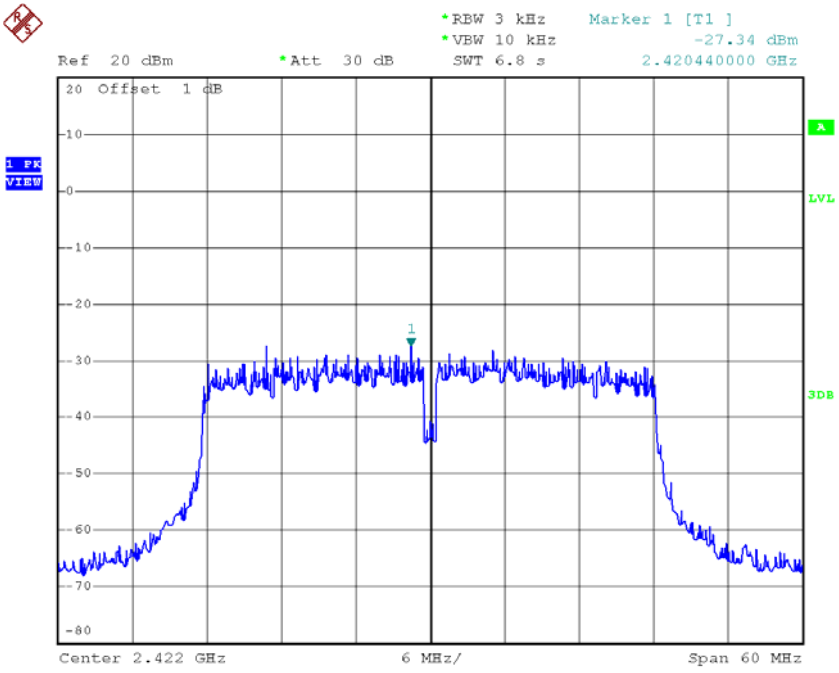
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-19.04	0.01	6.74	Complies
2437	-13.64	0.04	6.74	Complies
2462	-15.30	0.03	6.74	Complies

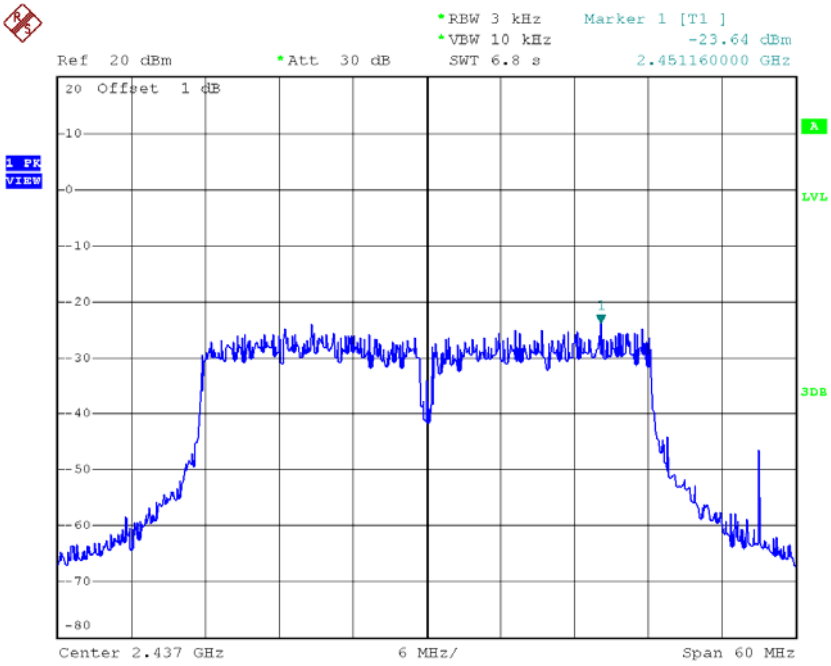
Test Mode : TX N-40M Mode_CH03/06/09_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-27.34	0.00	6.74	Complies
2437	-23.64	0.00	6.74	Complies
2452	-26.93	0.00	6.74	Complies

TX CH03

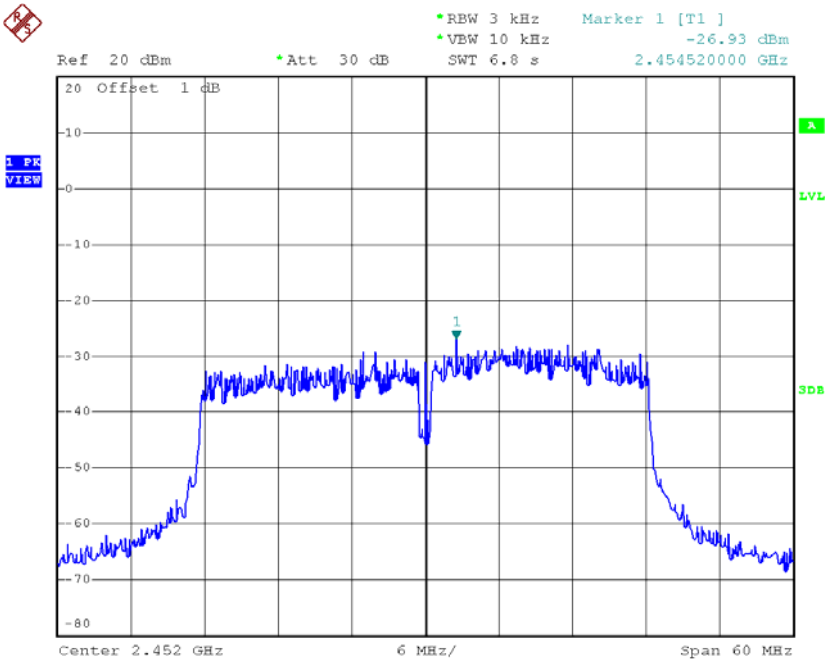


TX CH06



Date: 7.APR.2015 15:31:53

TX CH09

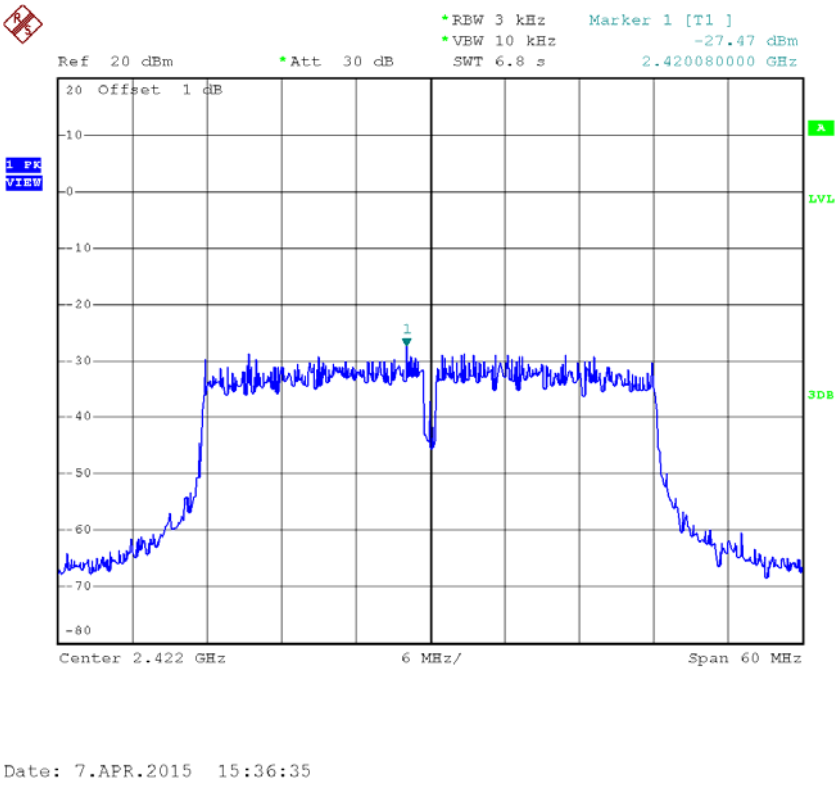


Date: 7.APR.2015 15:33:01

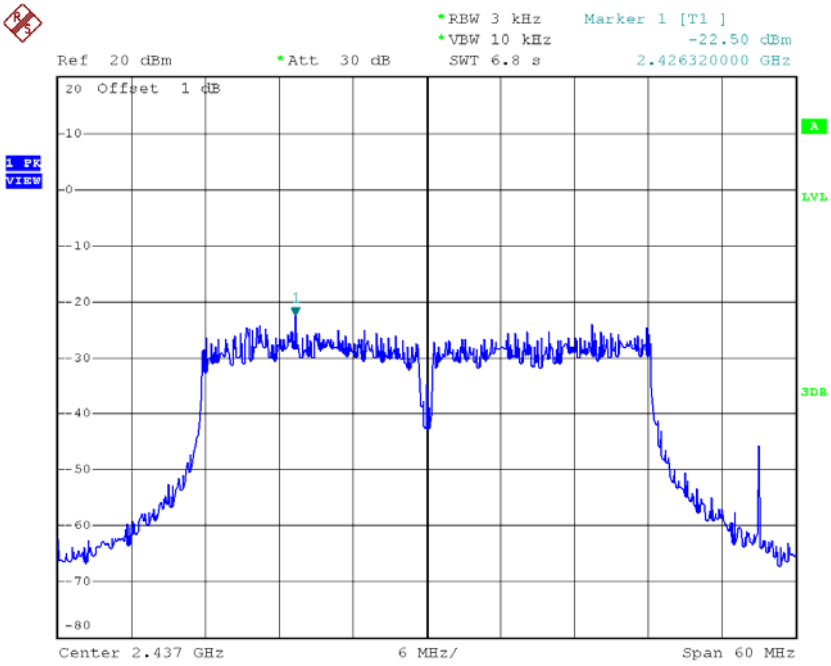
Test Mode : TX N-40M Mode_CH03/06/09_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-27.47	0.00	6.74	Complies
2437	-22.50	0.01	6.74	Complies
2452	-25.87	0.00	6.74	Complies

TX CH03

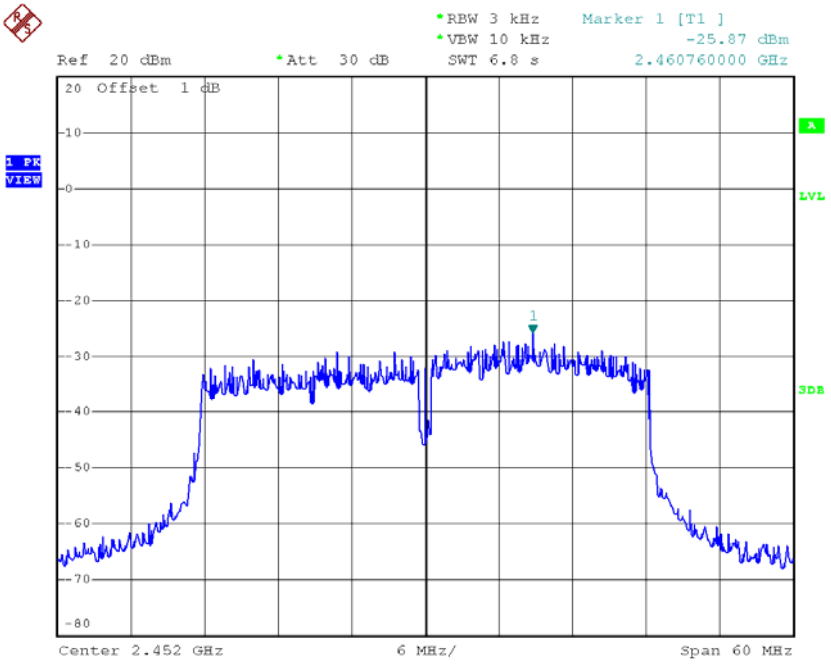


TX CH06



Date: 7.APR.2015 15:37:22

TX CH09



Date: 7.APR.2015 15:38:16

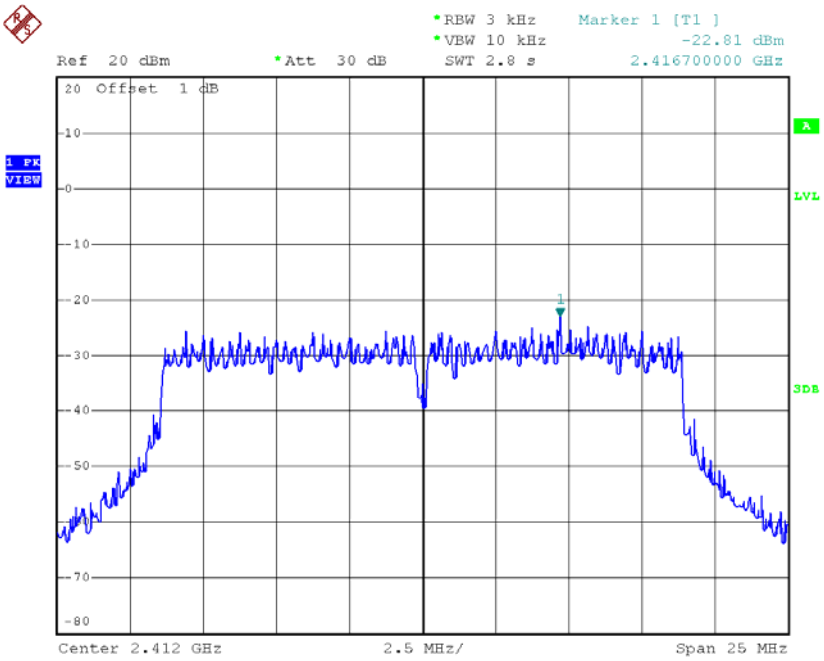
Test Mode : TX N-40M Mode_CH03/06/09_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-24.39	0.00	6.74	Complies
2437	-20.02	0.01	6.74	Complies
2452	-23.36	0.00	6.74	Complies

For 3TX

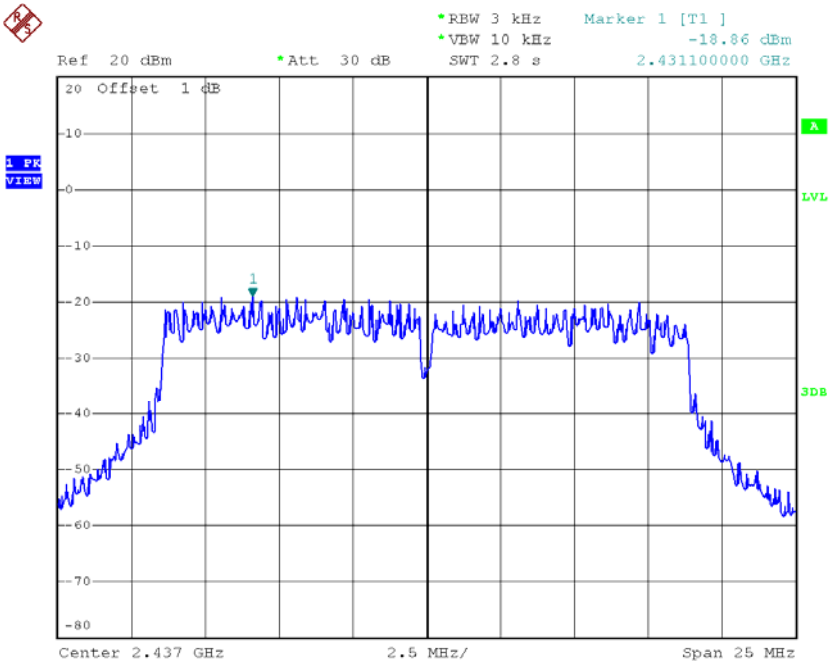
Test Mode : TX N-20M Mode_CH01/06/11_ANT 1				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-22.81	0.01	8.00	Complies
2437	-18.86	0.01	8.00	Complies
2462	-23.85	0.00	8.00	Complies

TX CH01



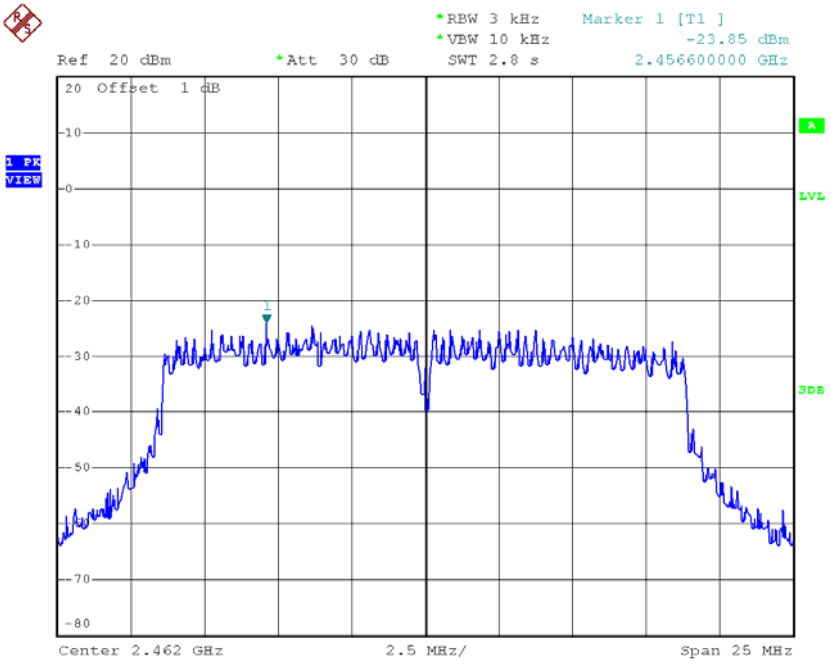
Date: 7.APR.2015 15:40:37

TX CH06



Date: 7.APR.2015 15:41:33

TX CH11

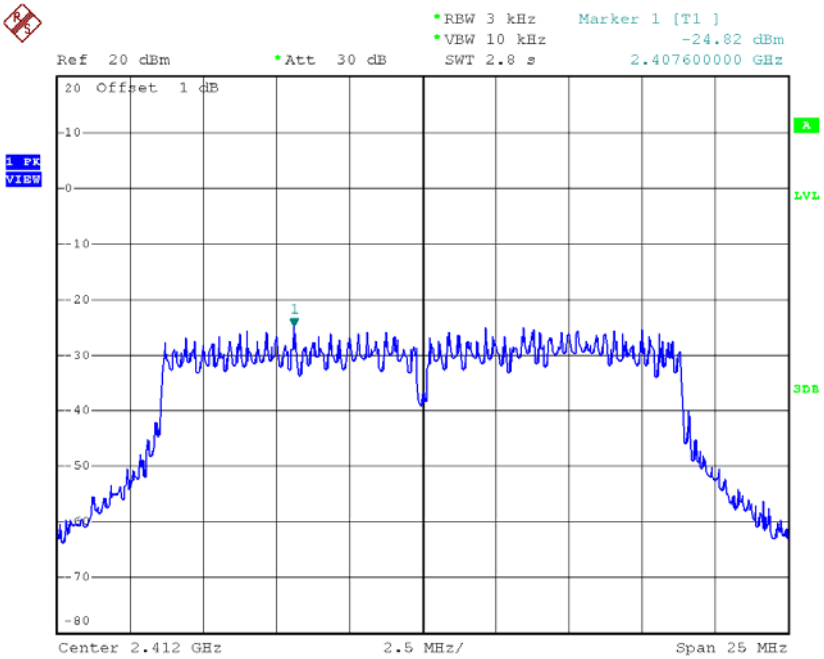


Date: 7.APR.2015 15:42:24

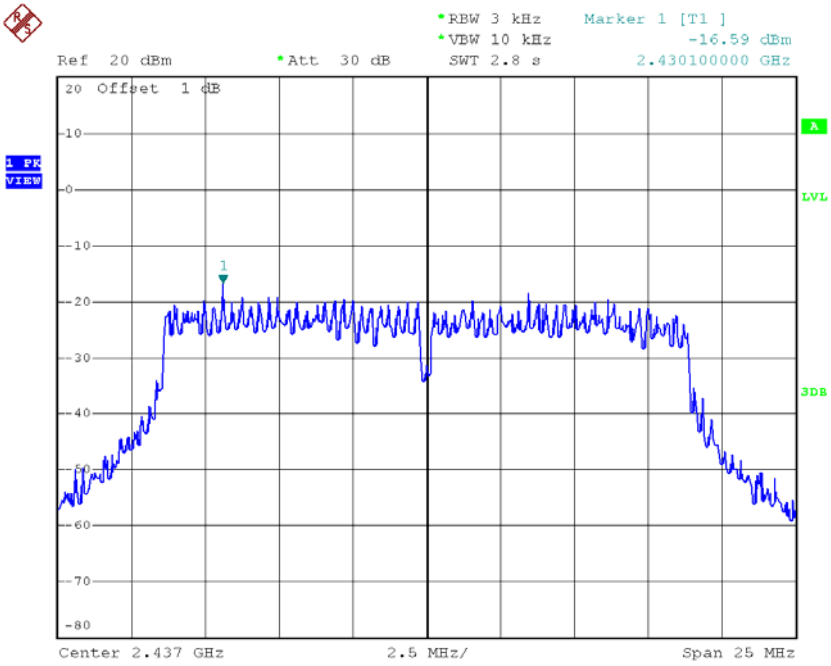
Test Mode : TX N-20M Mode_CH01/06/11_ANT 2				

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-24.82	0.00	8.00	Complies
2437	-16.59	0.02	8.00	Complies
2462	-23.57	0.00	8.00	Complies

TX CH01

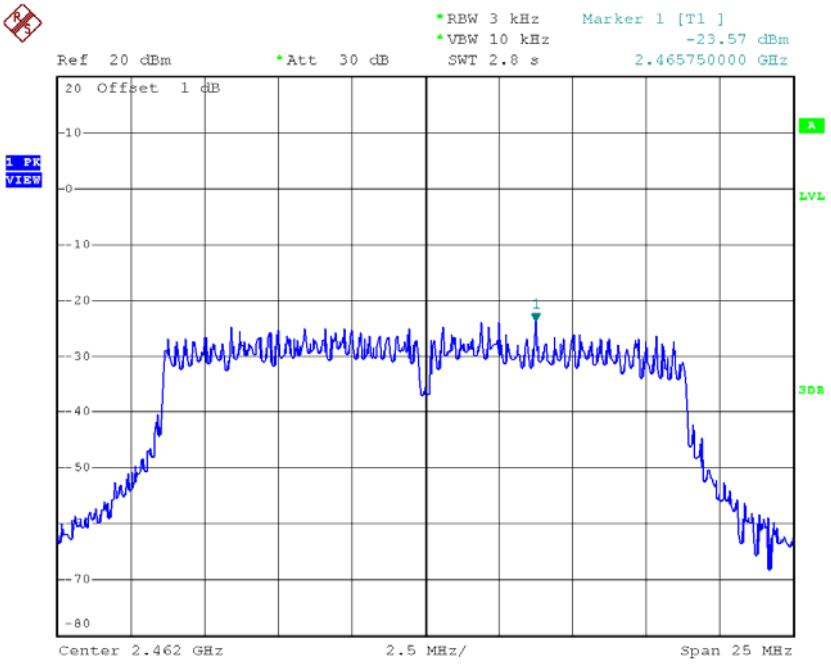


TX CH06



Date: 7.APR.2015 15:46:46

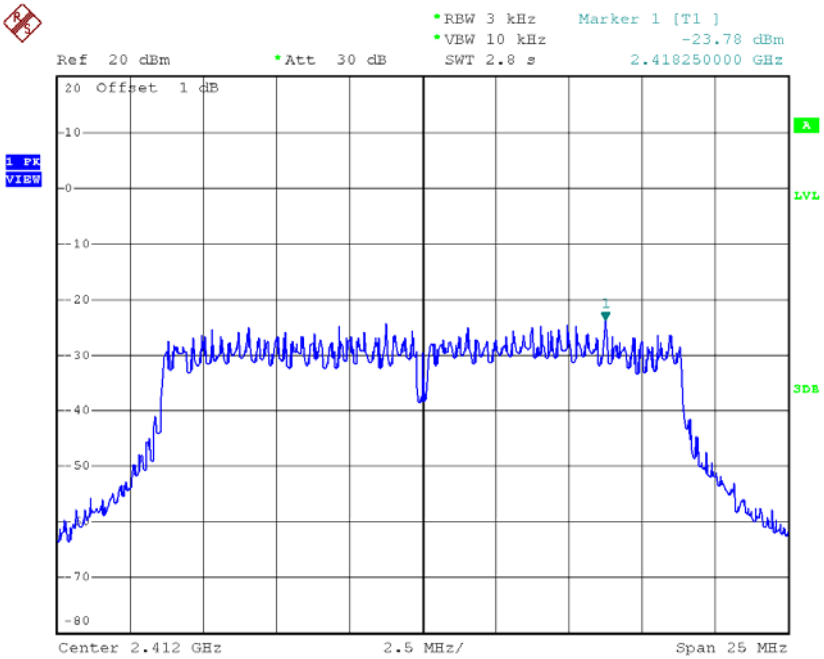
TX CH11



Date: 7.APR.2015 15:47:33

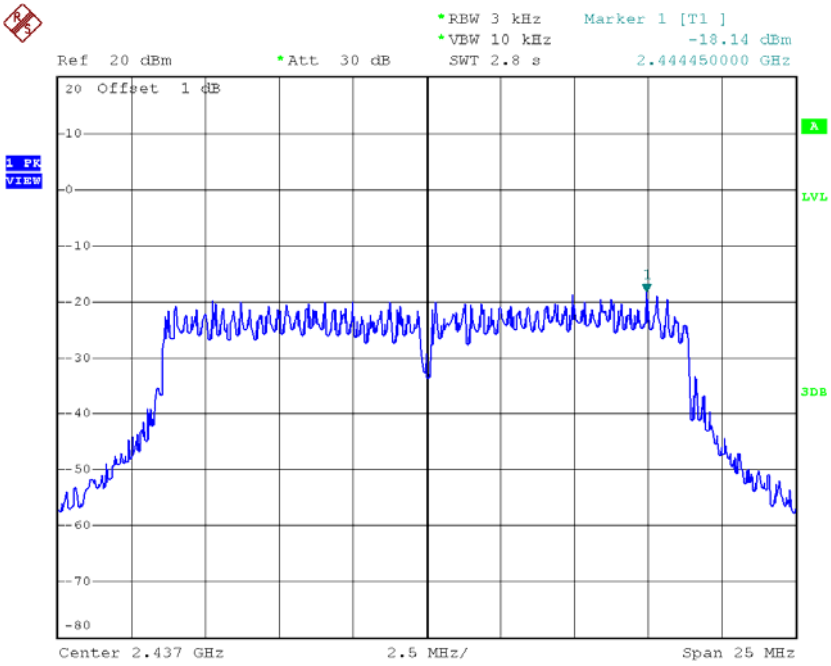
Test Mode : TX N-20M Mode_CH01/06/11_ANT 3				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-23.78	0.00	8.00	Complies
2437	-18.14	0.02	8.00	Complies
2462	-22.64	0.01	8.00	Complies

TX CH01



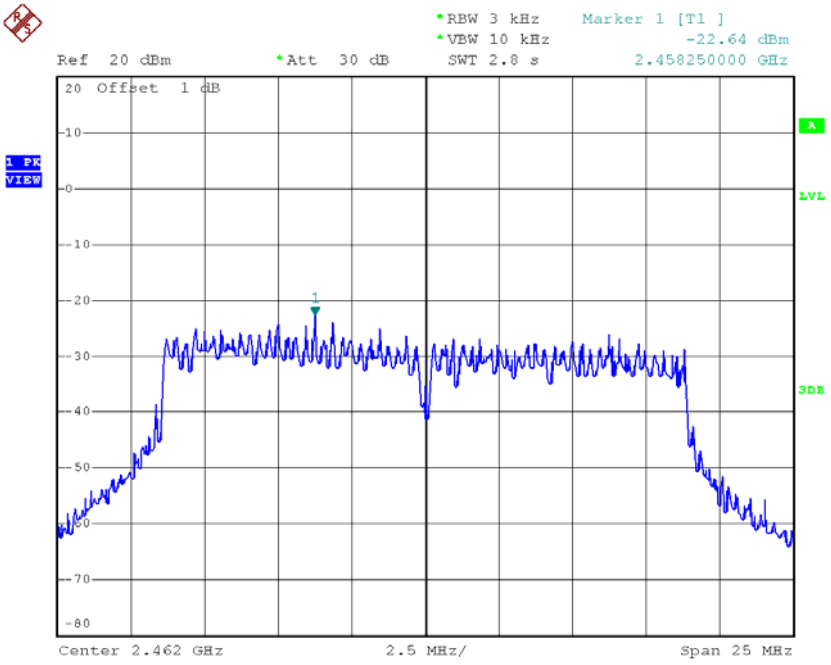
Date: 7.APR.2015 15:53:06

TX CH06



Date: 7.APR.2015 15:53:58

TX CH11



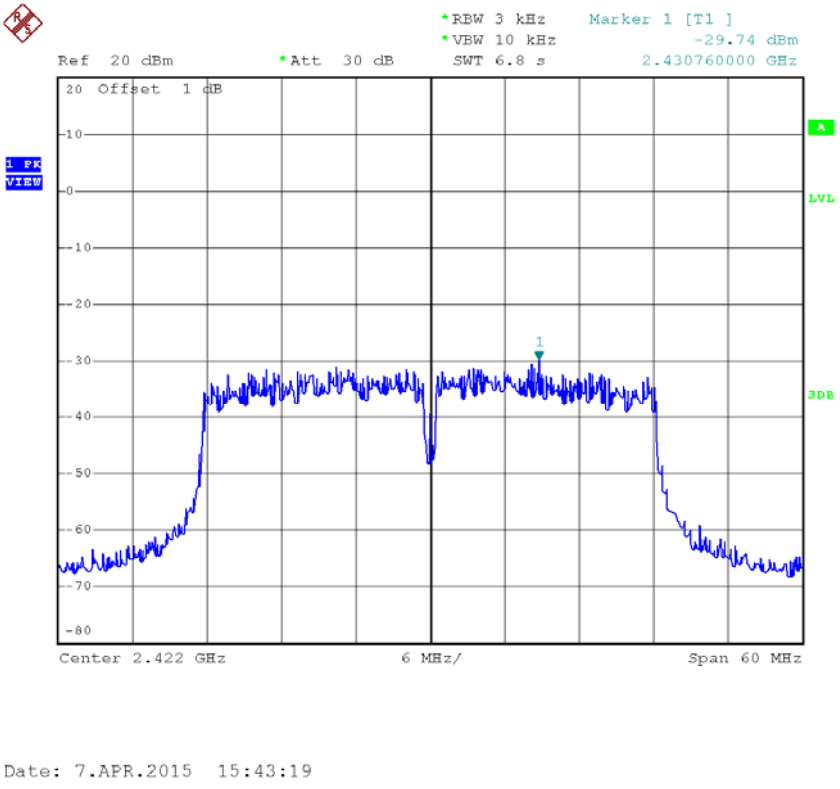
Date: 7.APR.2015 15:54:58

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

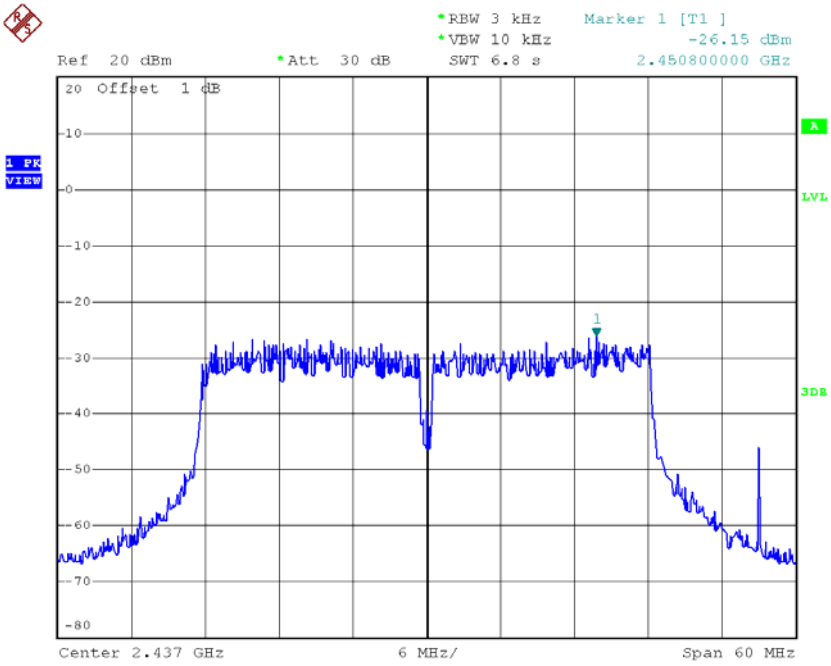
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-18.96	0.01	8.00	Complies
2437	-12.99	0.05	8.00	Complies
2462	-18.55	0.01	8.00	Complies

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	-29.74	0.00	8.00	Complies
2437	-26.15	0.00	8.00	Complies
2452	-28.82	0.00	8.00	Complies

TX CH03

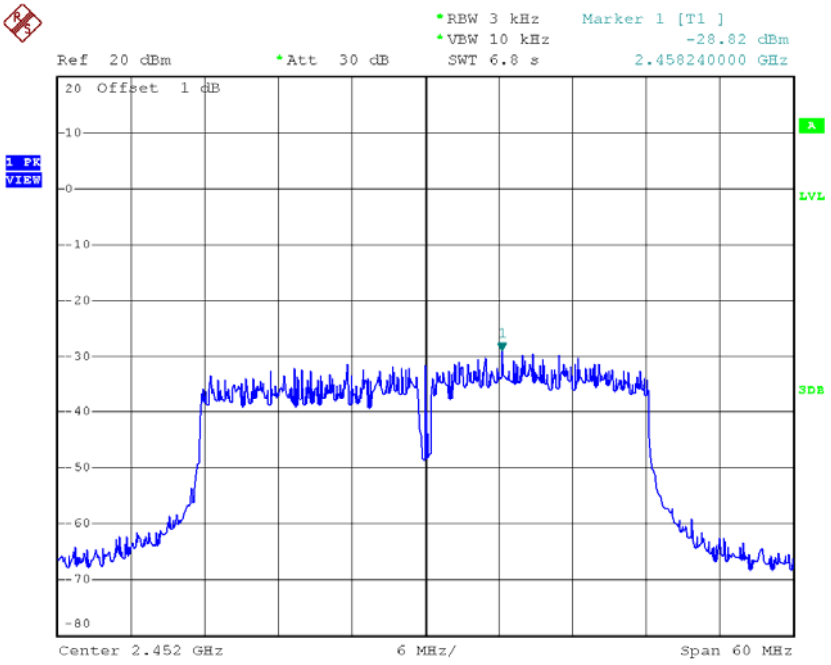


TX CH06



Date: 7.APR.2015 15:44:07

TX CH09

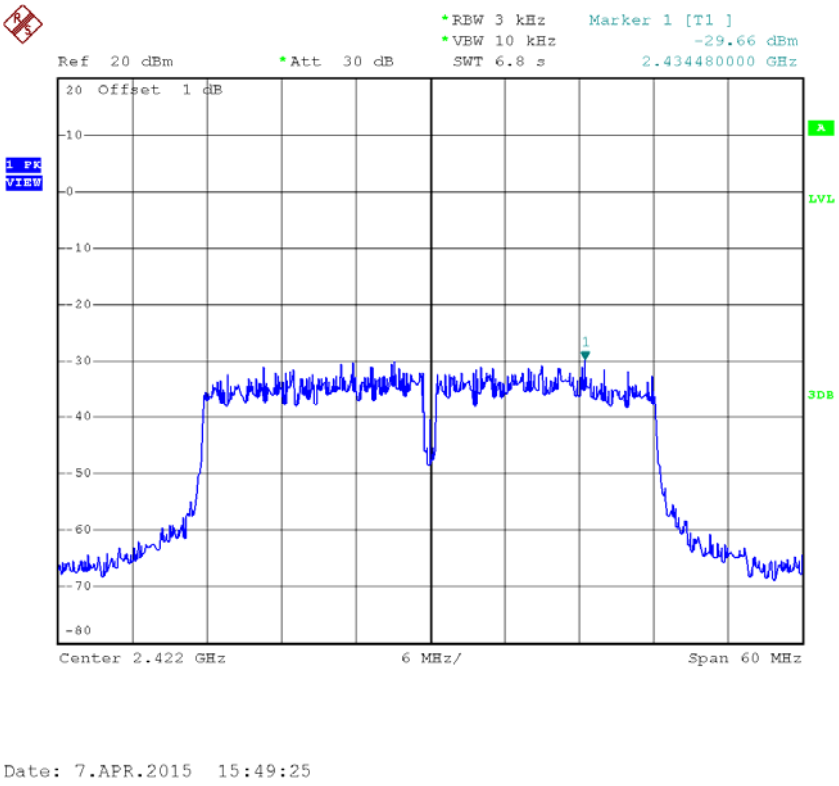


Date: 7.APR.2015 15:44:58

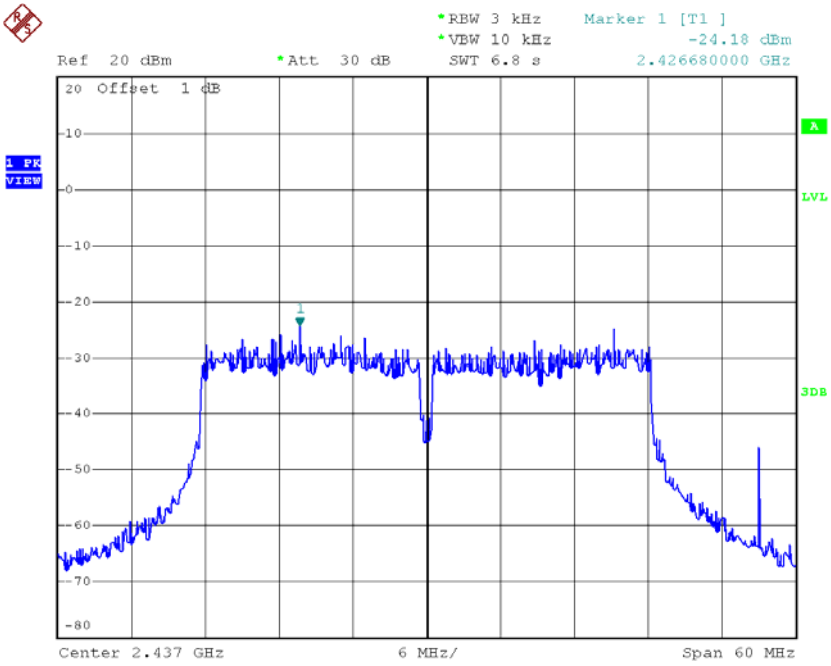
Test Mode : TX N-40M Mode_CH03/06/09_ANT 2				

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-29.66	0.00	8.00	Complies
2437	-24.18	0.00	8.00	Complies
2452	-28.67	0.00	8.00	Complies

TX CH03

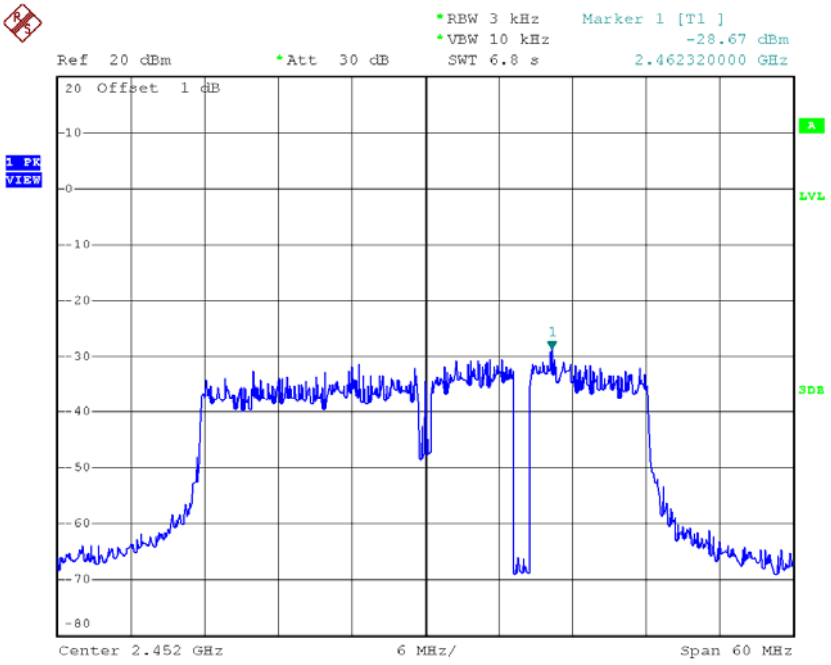


TX CH06



Date: 7.APR.2015 15:50:21

TX CH09

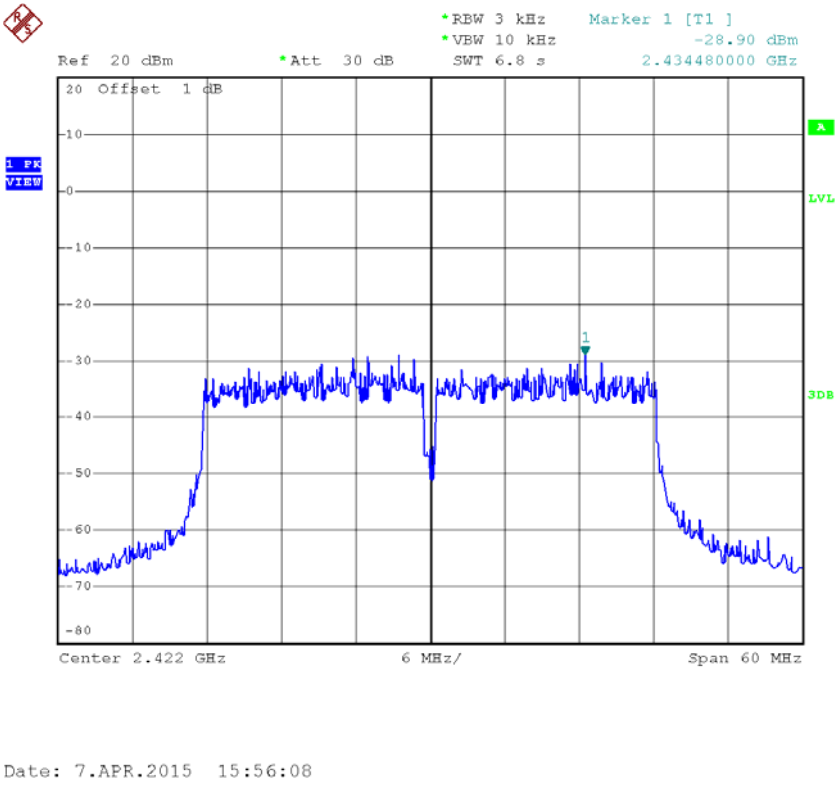


Date: 7.APR.2015 15:51:39

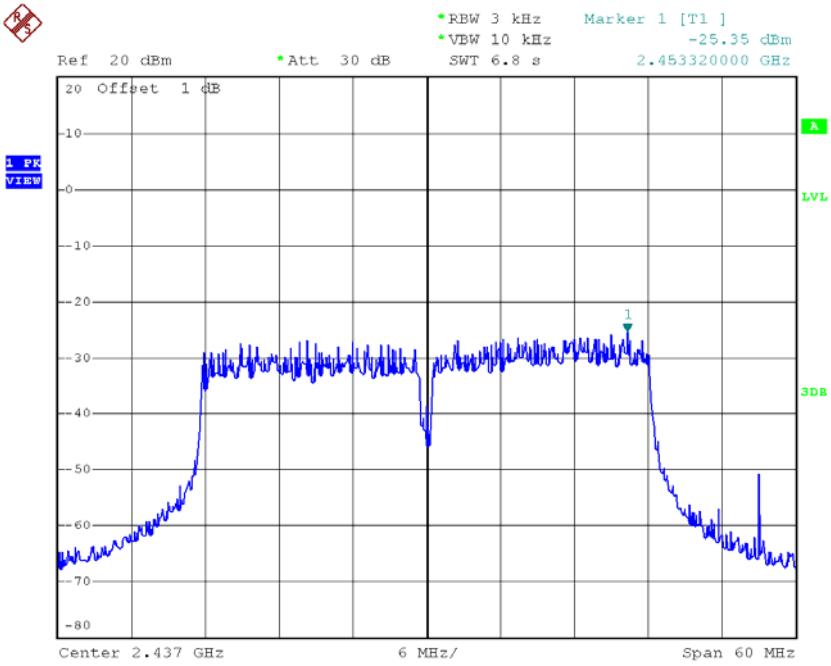
Test Mode : TX N-40M Mode_CH03/06/09_ANT 3

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-28.90	0.00	8.00	Complies
2437	-25.35	0.00	8.00	Complies
2452	-30.34	0.00	8.00	Complies

TX CH03

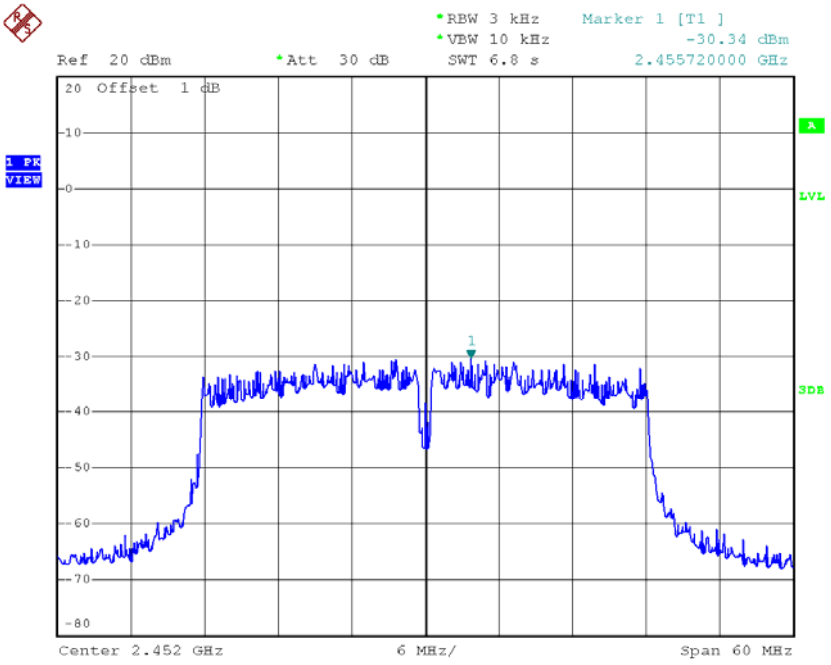


TX CH06



Date: 7.APR.2015 15:57:22

TX CH09



Date: 7.APR.2015 15:58:32

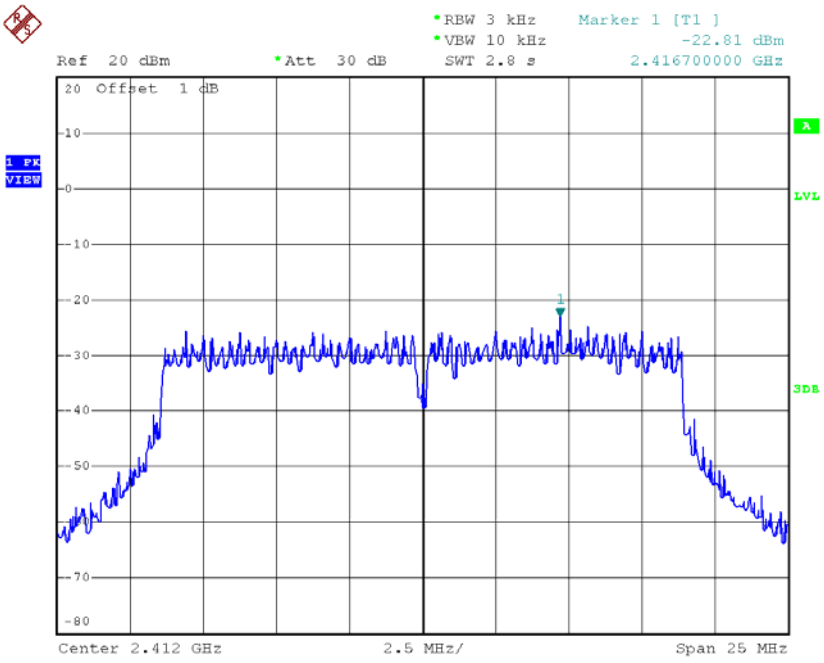
Test Mode : TX N-40M Mode_CH03/06/09_Total				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-24.65	0.00	8.00	Complies
2437	-20.38	0.01	8.00	Complies
2452	-24.44	0.00	8.00	Complies

For 3TX with beamforming

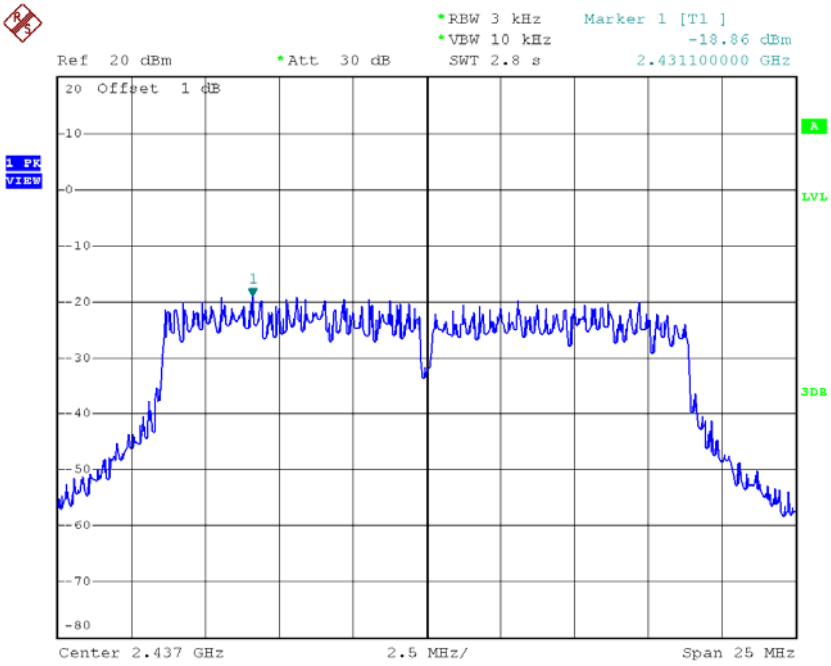
Test Mode : TX N-20M Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-22.81	0.01	8.00	Complies
2437	-18.86	0.01	8.00	Complies
2462	-23.85	0.00	8.00	Complies

TX CH01

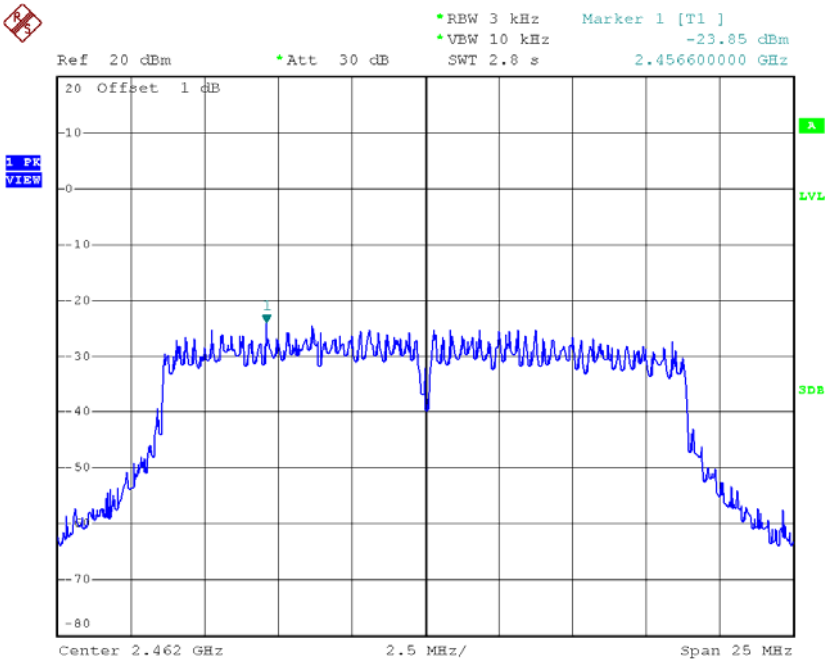


TX CH06



Date: 7.APR.2015 15:41:33

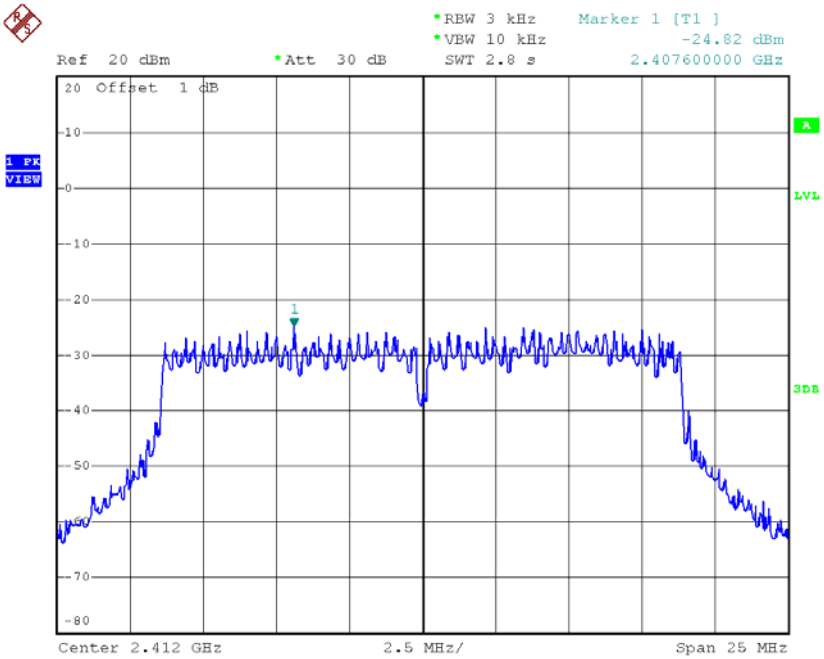
TX CH11



Date: 7.APR.2015 15:42:24

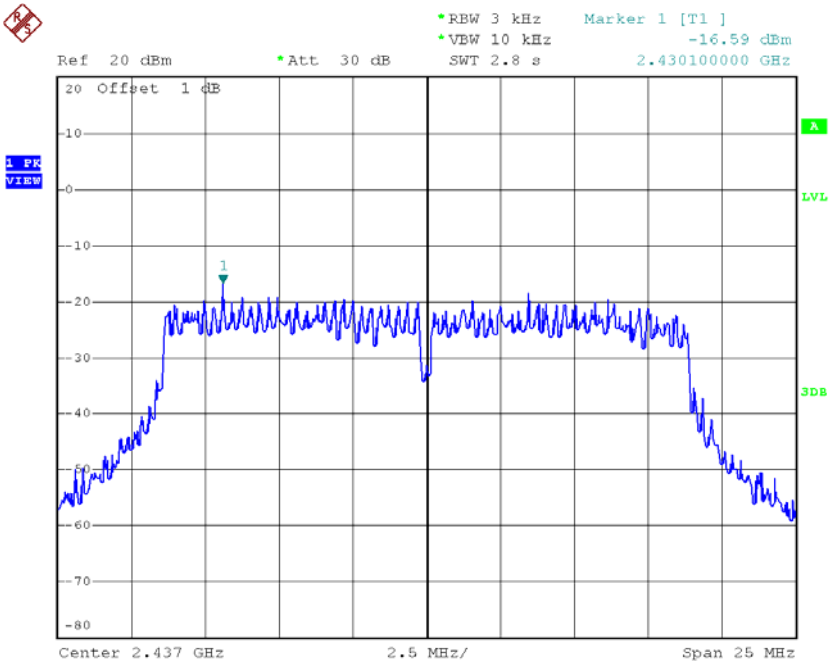
Test Mode : TX N-20M Mode_CH01/06/11_ANT 2				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-24.82	0.00	8.00	Complies
2437	-16.59	0.02	8.00	Complies
2462	-23.57	0.00	8.00	Complies

TX CH01



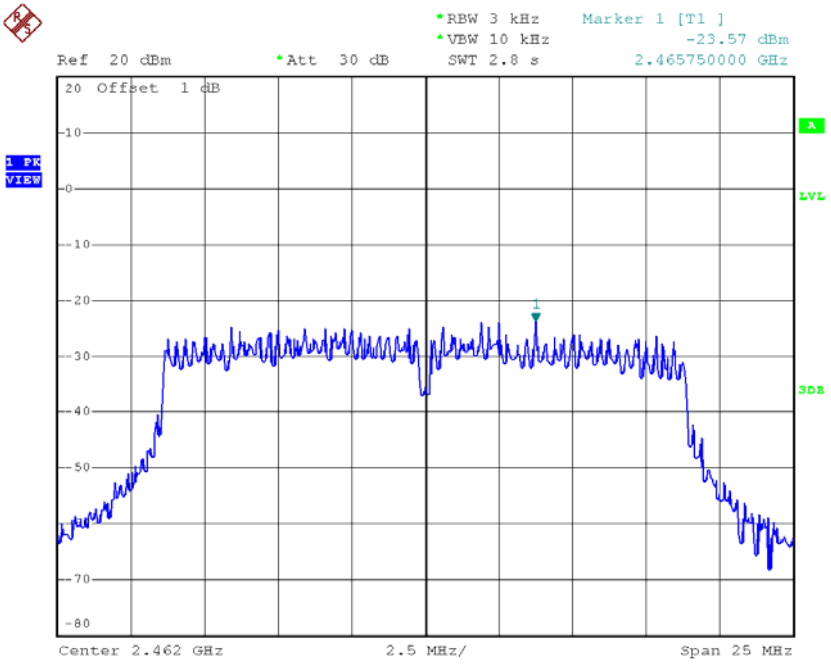
Date: 7.APR.2015 15:45:58

TX CH06



Date: 7.APR.2015 15:46:46

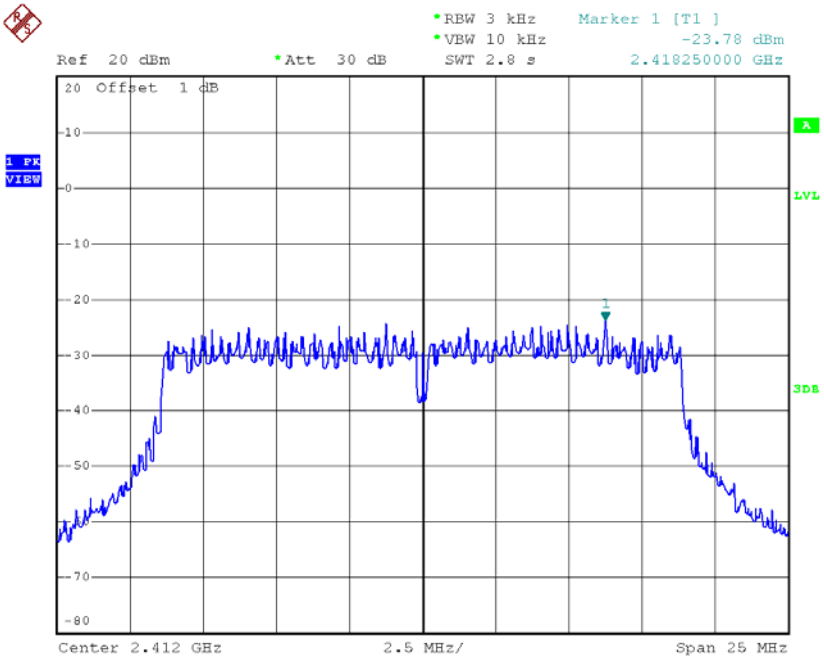
TX CH11



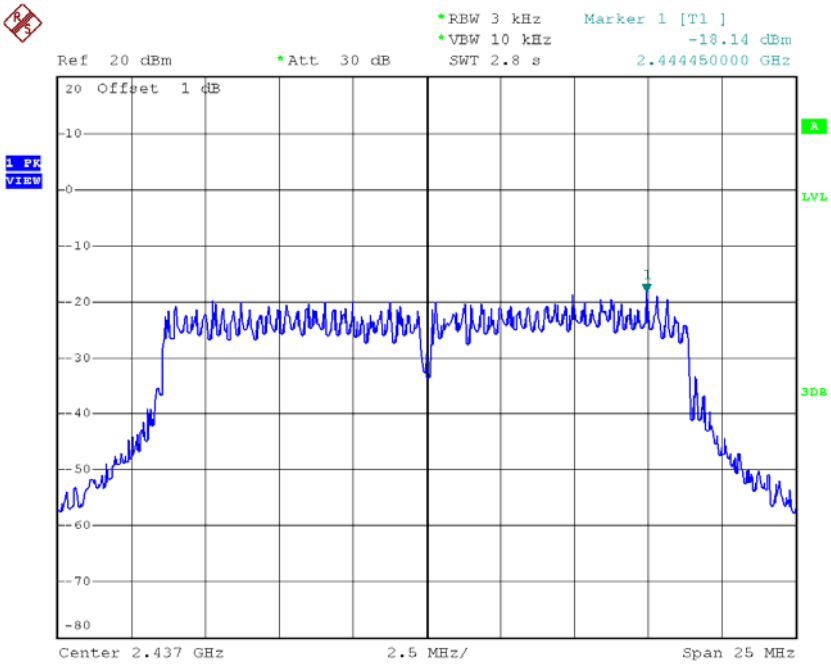
Date: 7.APR.2015 15:47:33

Test Mode : TX N-20M Mode_CH01/06/11_ANT 3				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-23.78	0.00	8.00	Complies
2437	-18.14	0.02	8.00	Complies
2462	-22.64	0.01	8.00	Complies

TX CH01

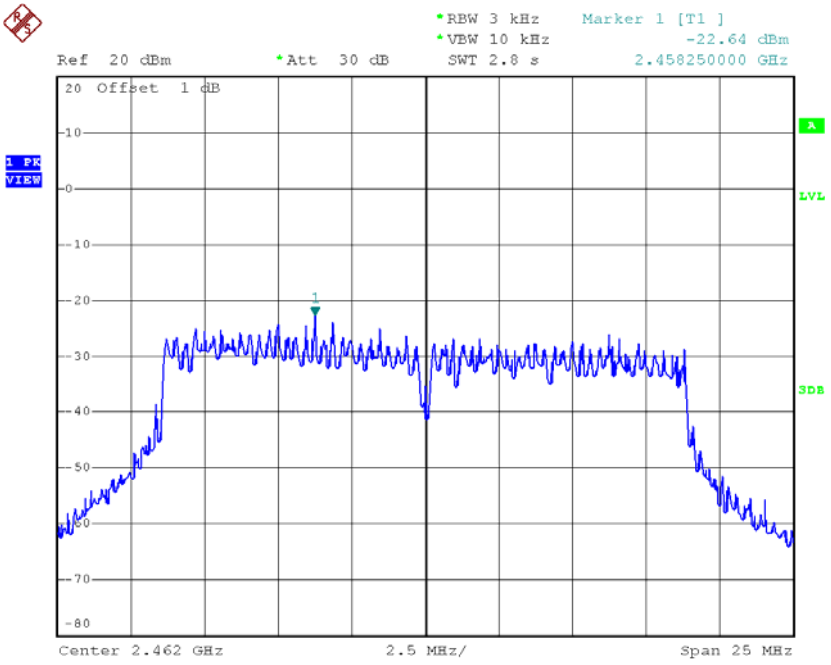


TX CH06



Date: 7.APR.2015 15:53:58

TX CH11



Date: 7.APR.2015 15:54:58

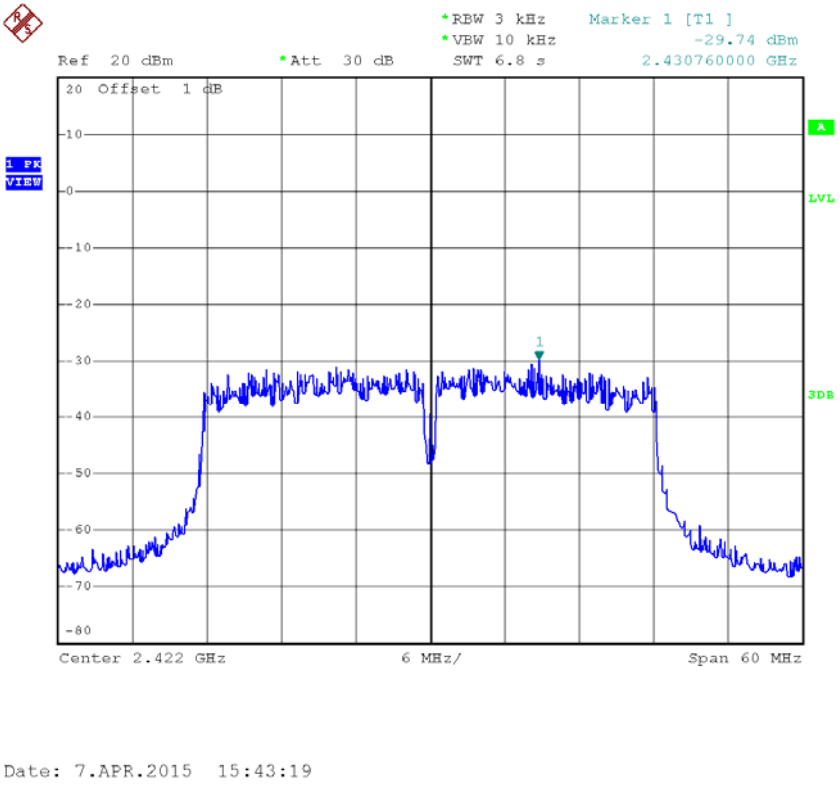
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-18.96	0.01	8.00	Complies
2437	-12.99	0.05	8.00	Complies
2462	-18.55	0.01	8.00	Complies

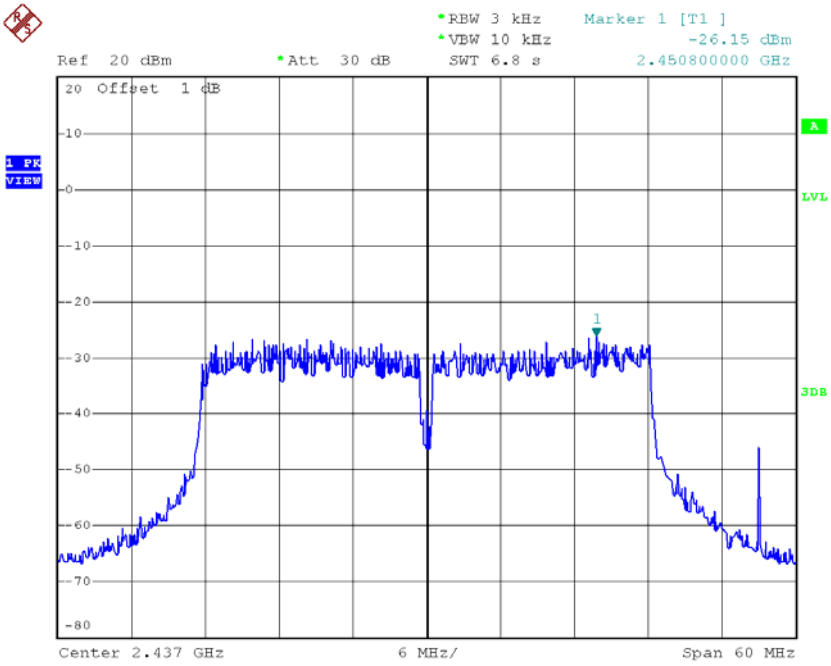
Test Mode : TX N-40M Mode_CH03/06/09_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-29.74	0.00	8.00	Complies
2437	-26.15	0.00	8.00	Complies
2452	-28.82	0.00	8.00	Complies

TX CH03

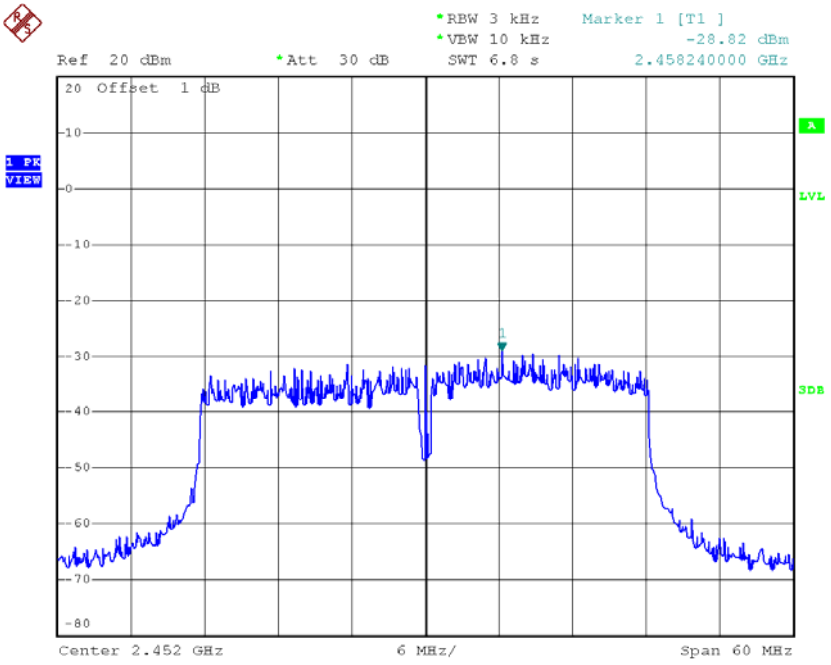


TX CH06



Date: 7.APR.2015 15:44:07

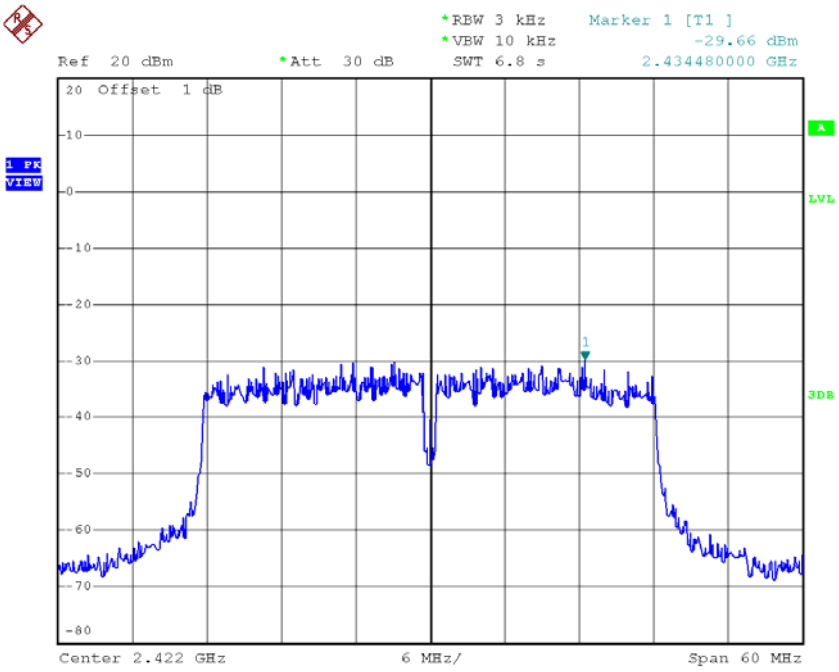
TX CH09



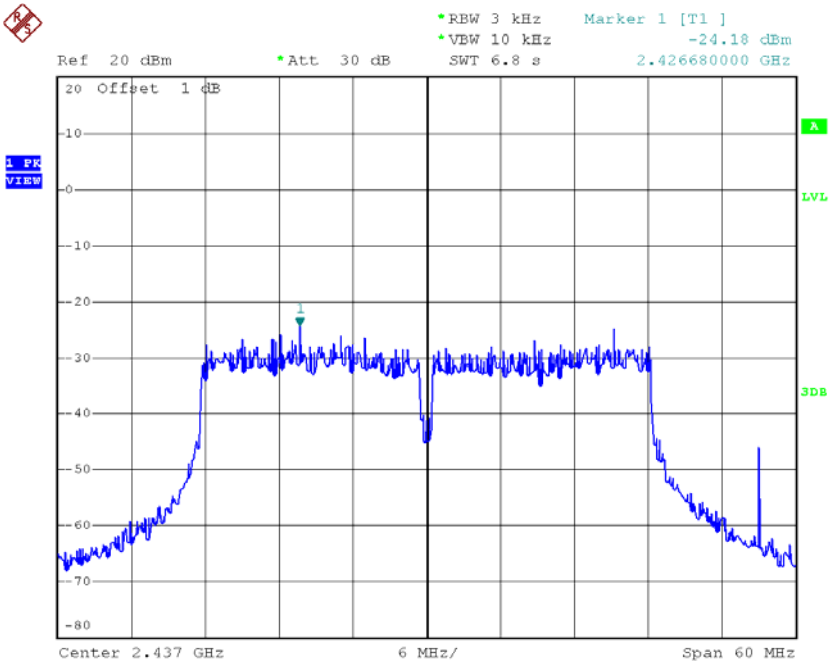
Date: 7.APR.2015 15:44:58

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	-29.66	0.00	8.00	Complies
2437	-24.18	0.00	8.00	Complies
2452	-28.67	0.00	8.00	Complies

TX CH03

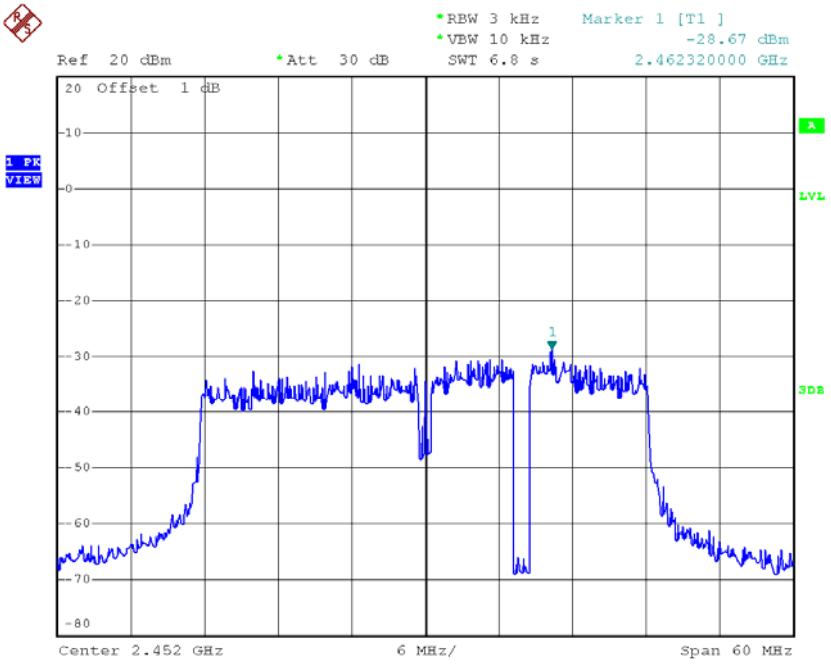


TX CH06



Date: 7.APR.2015 15:50:21

TX CH09

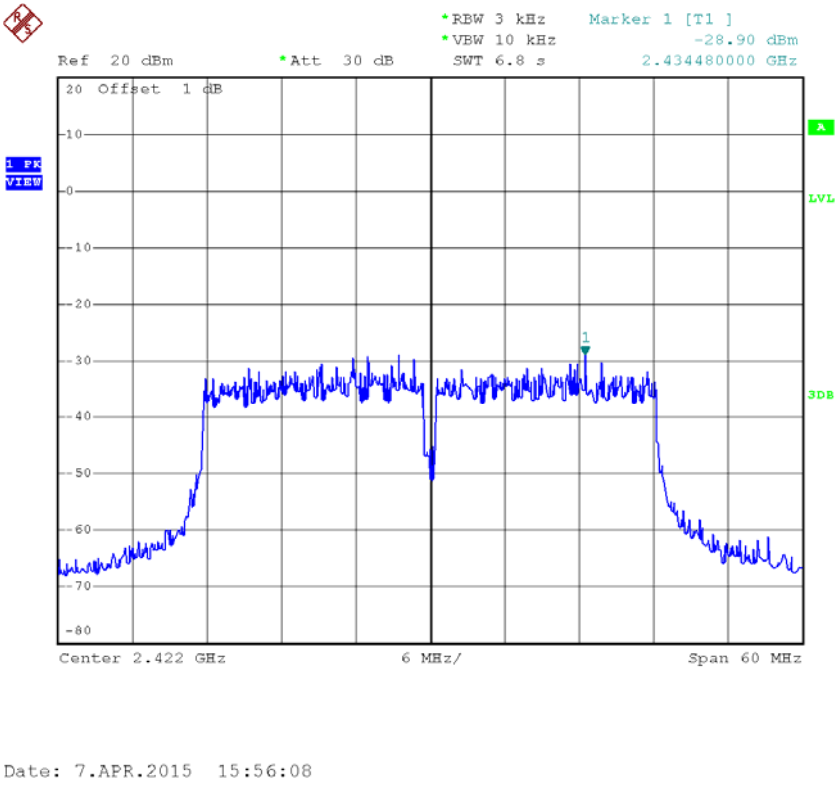


Date: 7.APR.2015 15:51:39

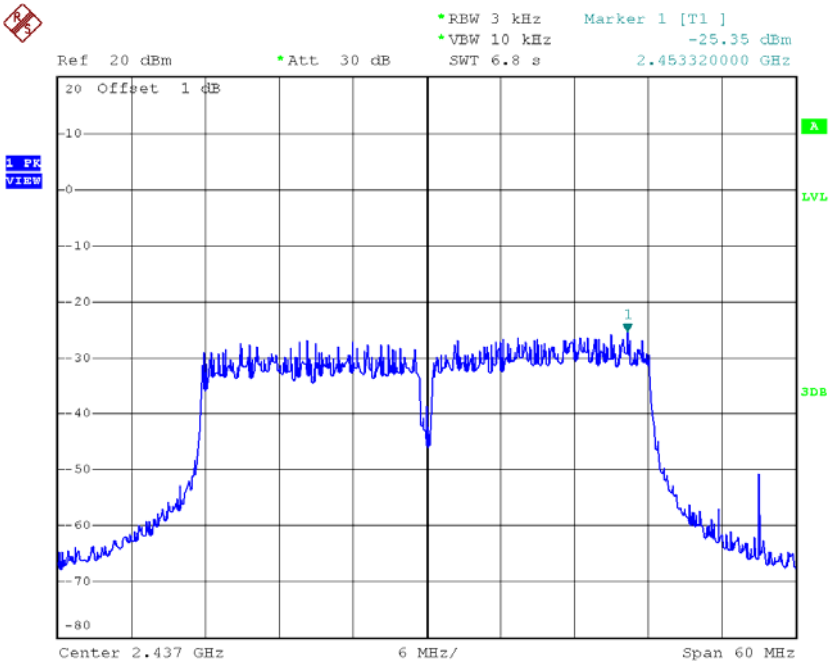
Test Mode : TX N-40M Mode_CH03/06/09_ANT 3

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-28.90	0.00	8.00	Complies
2437	-25.35	0.00	8.00	Complies
2452	-30.34	0.00	8.00	Complies

TX CH03

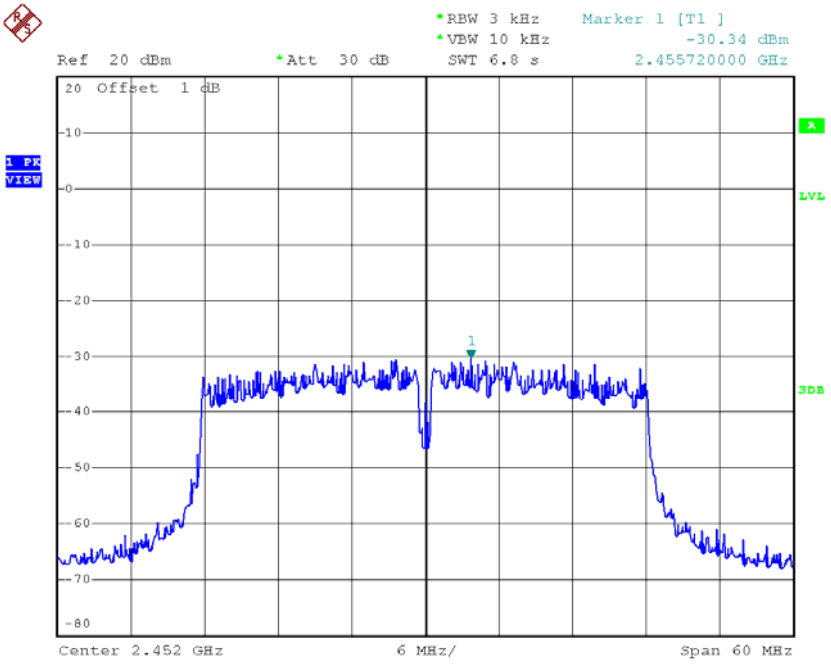


TX CH06



Date: 7.APR.2015 15:57:22

TX CH09



Date: 7.APR.2015 15:58:32

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	-24.65	0.00	8.00	Complies
2437	-20.38	0.01	8.00	Complies
2452	-24.44	0.00	8.00	Complies