

FCC&IC Radio Test Report

FCC ID: QISAP5130DN

IC: 6369A-AP5130DN

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

Project No. : 1507C117
Equipment : Wireless LAN Access Point
Model Name : AP5130DN
Applicant : Huawei Technologies Co.,Ltd.
Address for FCC : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China
Address for IC : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen 518129 China

Date of Receipt : Jul. 09, 2015
Date of Test : Jul. 09, 2015 ~ Aug. 13, 2015
Issued Date : Aug. 14, 2015
Tested by : BTL Inc.

Testing Engineer : Niklaus Lai
(Niklaus Lai)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

B T L I N C .

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

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

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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	11
3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING	12
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	19
4.2.5 EUT OPERATING CONDITIONS	20
4.2.6 EUT TEST CONDITIONS	20
4.2.7 TEST RESULTS (9KHZ TO 30MHZ)	20
4.2.8 TEST RESULTS (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
6 . MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST	22

Table of Contents	Page
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
10 . EUT TEST PHOTO	27
ATTACHMENT A - CONDUCTED EMISSION	31
ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)	34
ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)	36
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)	43
ATTACHMENT E - BANDWIDTH	92
ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER	101
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION	115
ATTACHMENT H - POWER SPECTRAL DENSITY	300

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FICP-1-1507C117	Original Issue.	Aug. 14, 2015

1. CERTIFICATION

Equipment : Wireless LAN Access Point
Brand Name : HUAWEI
Model Name : AP5130DN
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 : Jul. 09, 2015 ~ Aug. 13, 2015
Test Sample : ENGINEERING SAMPLE
Standard(s) : FCC Part15, Subpart C: 2014 (15.247) / ANSI C63.10-2013
Canada RSS-247 Issue 1, May 2015
RSS-GEN Issue 4, Nov 2014

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-FICP-1-1507C117) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C: 2014 Canada RSS-247 Issue 1, May 2015, RSS-GEN Issue 4, Nov 2014				
Standard(s) Section		Test Item	Judgment	Remark
FCC	IC			
15.207	RSS-247 5.5	Conducted Emission	PASS	
15.247(d)	RSS-247 5.2 (1)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	RSS-247 5.4 (4)	6dB Bandwidth	PASS	
15.247(b)(3)	RSS-247 5.2 (2)	Peak Output Power	PASS	
15.247(e)	-	Power Spectral Density	PASS	
15.203	RSS-247 5.5	Antenna Requirement	PASS	
15.209/15.205	RSS-247 5.5	Transmitter Radiated Emissions	PASS	

NOTE:

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

2.1 TEST FACILITY

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

BTL's test firm number for FCC: 319330

BTL's test firm number for IC: 4428B-1

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)	Note
DG-C02	CISPR	150 kHz ~ 30MHz	2.32	

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)	Note
DG-CB03 (3m)	CISPR	9kHz ~ 30MHz	V	3.79	
		9kHz ~ 30MHz	H	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.78	
		200MHz ~ 1,000MHz	V	4.10	
		200MHz ~ 1,000MHz	H	4.06	

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)	Note
DG-CB03 (3m)	CISPR	1GHz ~ 18GHz	V	3.12	
		1GHz ~ 18GHz	H	3.68	
		18GHz ~ 40GHz	V	4.15	
		18GHz ~ 40GHz	H	4.14	

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP5130DN	
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.) - (1TX)	802.11b: 16.87dBm 802.11g: 21.19dBm 802.11n(20MHz): 22.20dBm 802.11n(40MHz): 21.48dBm
	Output Power (Max.) - (2TX)	802.11b: 16.99dBm 802.11g: 23.22dBm 802.11n(20MHz): 23.22dBm 802.11n(40MHz): 23.80dBm
	Output Power (Max.) - (3TX)	802.11b: 16.99dBm 802.11g: 23.22dBm 802.11n(20MHz): 23.01dBm 802.11n(40MHz): 23.42dBm
	Output Power (Max.) - (2TX with Beamforming)	802.11n(20MHz): 17.73dBm 802.11n(40MHz): 17.58dBm
	Output Power (Max.) - (3TX with Beamforming)	802.11n(20MHz): 18.37dBm 802.11n(40MHz): 18.05dBm
Power Source	#1 DC voltage supplied from AC Adapter. Brand / Model: HUAWEI / HW-120200U1W #2 DC voltage supplied from PoE.	
Power Rating	#1 I/P: 100-240V 50/60Hz 0.8A DC 12.0V 2.0A #2 -48VDC	

Note:

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

2. Channel List:

CH01 – CH11 for 802.11b, 802.11g, 802.11n(20MHz) CH03 – CH09 for 802.11n(40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
A	GUANGDONG SHENGLU TELECOMMUNICATION TECH. CO.,LTD.	SL10301A	External Antenna	RP-SMA-J	3.87	2.4G
B	GUANGDONG SHENGLU TELECOMMUNICATION TECH. CO.,LTD.	SL10301A	External Antenna	RP-SMA-J	3.87	2.4G
C	GUANGDONG SHENGLU TELECOMMUNICATION TECH. CO.,LTD.	SL10301A	External Antenna	RP-SMA-J	3.87	2.4G

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides three completed transmitters and receivers (3T3R).

(2) ANT A for 1TX was found to be the worst case and recorded.

Remark:

For 2TX with beamforming

The EUT with beamforming function, then, Direction gain = $G_{ANT} + 10\log(N_{ANT}/N_{SS})$, where N_{SS} = the number of independent spatial streams of data.

Directional gain = $3.87 + 10\log(3/2) = 3.87 + 1.76 = 5.63$

So the Output Power limit = 30

the PSD limit = 8

For 3TX with beamforming

The EUT with beamforming function, then, Direction gain = $G_{ANT} + 10\log(N_{ANT}/N_{SS})$, where N_{SS} = the number of independent spatial streams of data.

Directional gain = $3.87 + 10\log(3/3) = 3.87$

So the Output Power limit = 30

the PSD limit = 6

4.

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

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 5	TX MODE

For Radiated Test	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

Note:

- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (19.5Mbps)
802.11n HT40 mode : BPSK (40.5Mbps)
For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

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

1TX

Test software version	Cart		
Frequency (MHz)	2412	2437	2462
802.11b	13	15.5	13
802.11g	13	15.5	13
802.11n (20MHz)	13	15.5	13
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	13	15.5	13

2TX

Test software version	Cart		
Frequency (MHz)	2412	2437	2462
802.11b	10	12.5	10
802.11g	10	12.5	10
802.11n (20MHz)	10	12.5	10
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	10	12.5	10

2TX with Beamforming

Test software version	Cart		
Frequency (MHz)	2412	2437	2462
802.11n (20MHz)	7	9.5	7
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	7	9.5	7

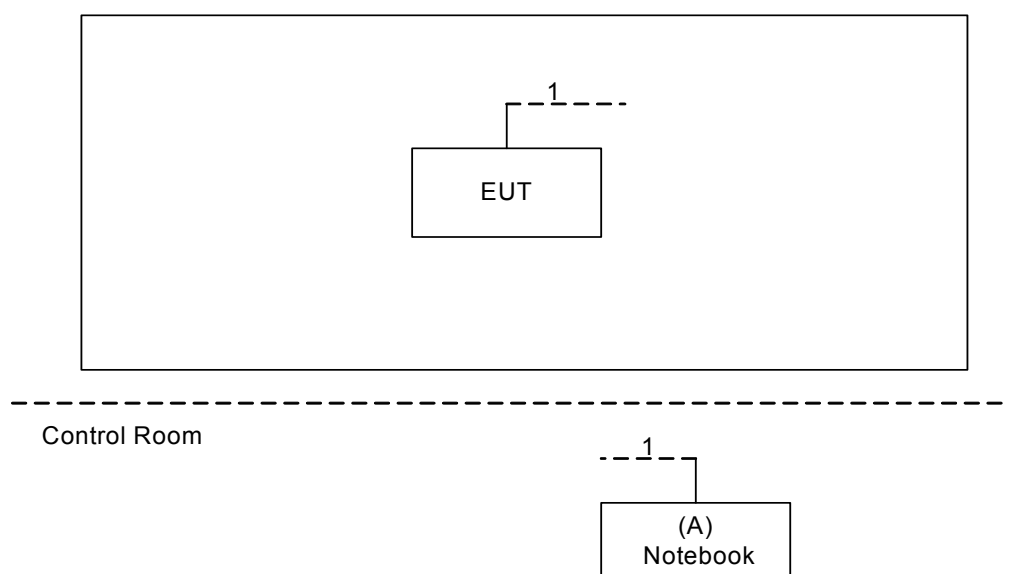
3TX

Test software version	Cart		
Frequency (MHz)	2412	2437	2462
802.11b	8	10.5	8
802.11g	8	10.5	8
802.11n (20MHz)	8	10.5	8
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	8	10.5	8

3TX with Beamforming

Test software version	Cart		
Frequency (MHz)	2412	2437	2462
802.11n (20MHz)	5	7.5	5
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	5	7.5	5

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
A	Notebook PC	DELL	INSPIRON 1420	DOC	JX193A01SDC2	

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	10m	RJ-45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 -0.	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

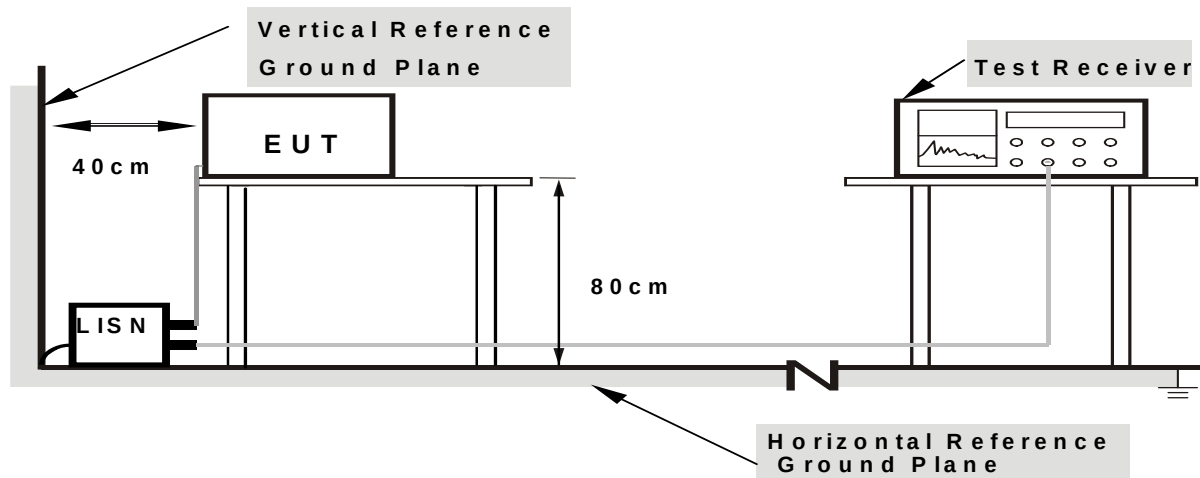
4.1.2 TEST PROCEDURE

- 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 placed on the test table and programmed in normal function.

4.1.6 EUT TEST CONDITIONS

Temperature: 27°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

20dB in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a) & RSS-247 5.5, then the 15.209(a)& RSS-Gen limit in the table below has to be followed.

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C/RSS-247.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
 Margin Level = Measurement Value - Limit Value

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

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

4.2.2 TEST PROCEDURE

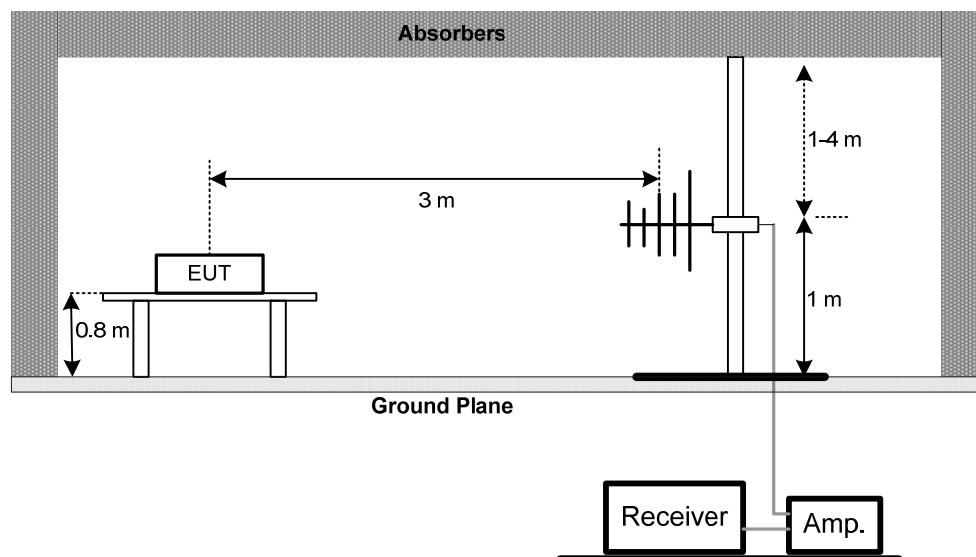
- The measuring distance of at 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of at 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.3).

4.2.3 DEVIATION FROM TEST STANDARD

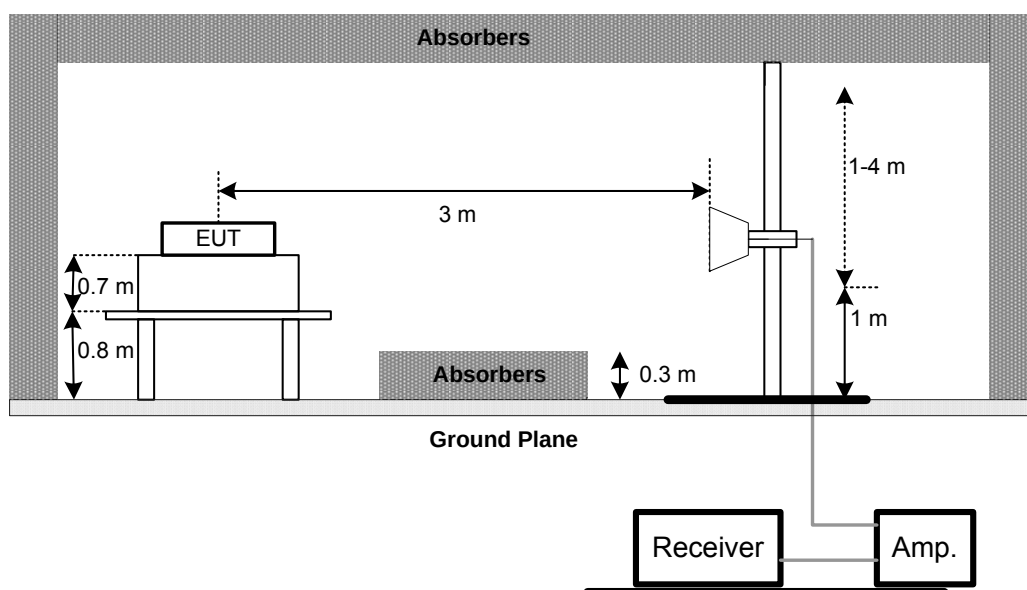
No deviation

4.2.4 TEST SETUP

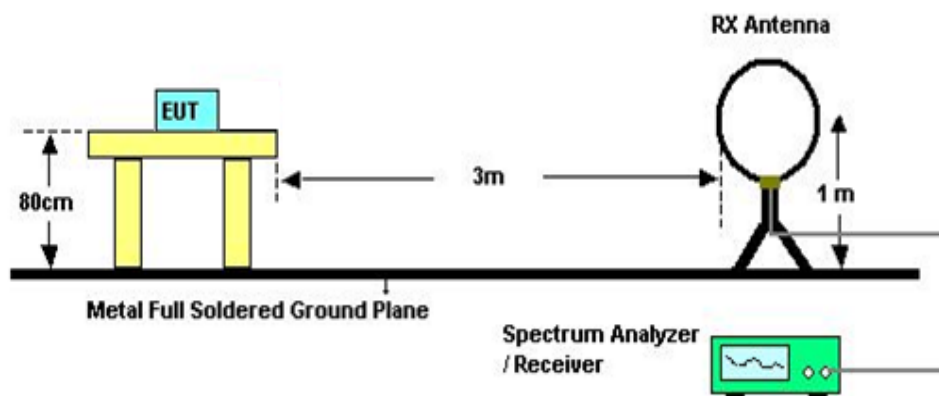
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

Temperature: 27°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 = $40 \log (\text{specific distance} / \text{test distance})$ (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

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

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

FCC Part15 (15.247) , Subpart C/ RSS-GEN and RSS-247			
Section	Test Item	Frequency Range (MHz)	Result
15.247(a)(2) RSS-GEN section 6.6 RSS-247 5.2 (1)	Bandwidth	2400-2483.5	PASS

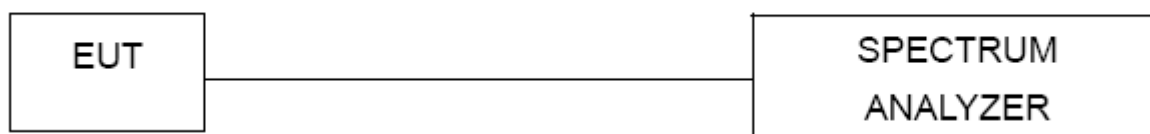
5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

Temperature: 27°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/ RSS-247				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3) RSS-247 5.4 (4)	Maximum Output Power	1 Watt or 30dBm	2400-2483.5	PASS

6.1.1 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- The maximum peak conducted output power was performed in accordance with KDB 558074.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.1.5 EUT TEST CONDITIONS

Temperature: 27°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 device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits.

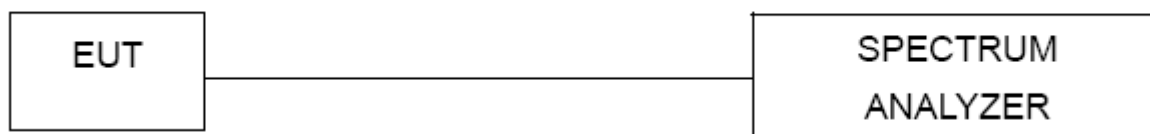
7.1.1 TEST PROCEDURE

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.1.5 EUT TEST CONDITIONS

Temperature: 27°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 / RSS-247				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e) RSS-247 5.2 (2)	Power Spectral Density	8 dBm (in any 3kHz)	2400-2483.5	PASS

8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

Temperature: 27°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-30MHz)	C_17	Mar. 13, 2016
4	EMI Test Receiver	R&S	ESCS30	826547/022	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(30MH z-1GHz)	C-01	Jun. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 28, 2016
7	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
8	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
9	Test Cable	emci	EMC104-SM-S M-10000(1GHz –26.5GHz)	C-68	Jun. 28, 2016
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. 15, 2016
13	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	power Meter	ANRITSU	ML2495A	1128009	Mar. 28, 2016
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 28, 2016

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

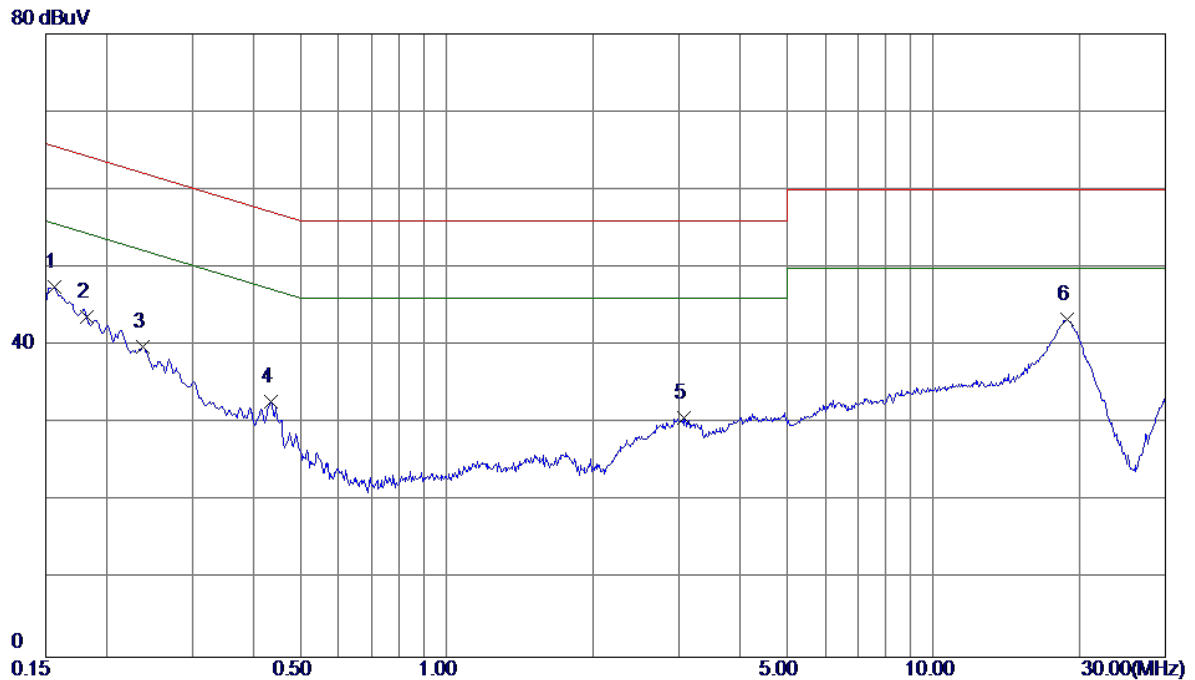
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode : TX MODE

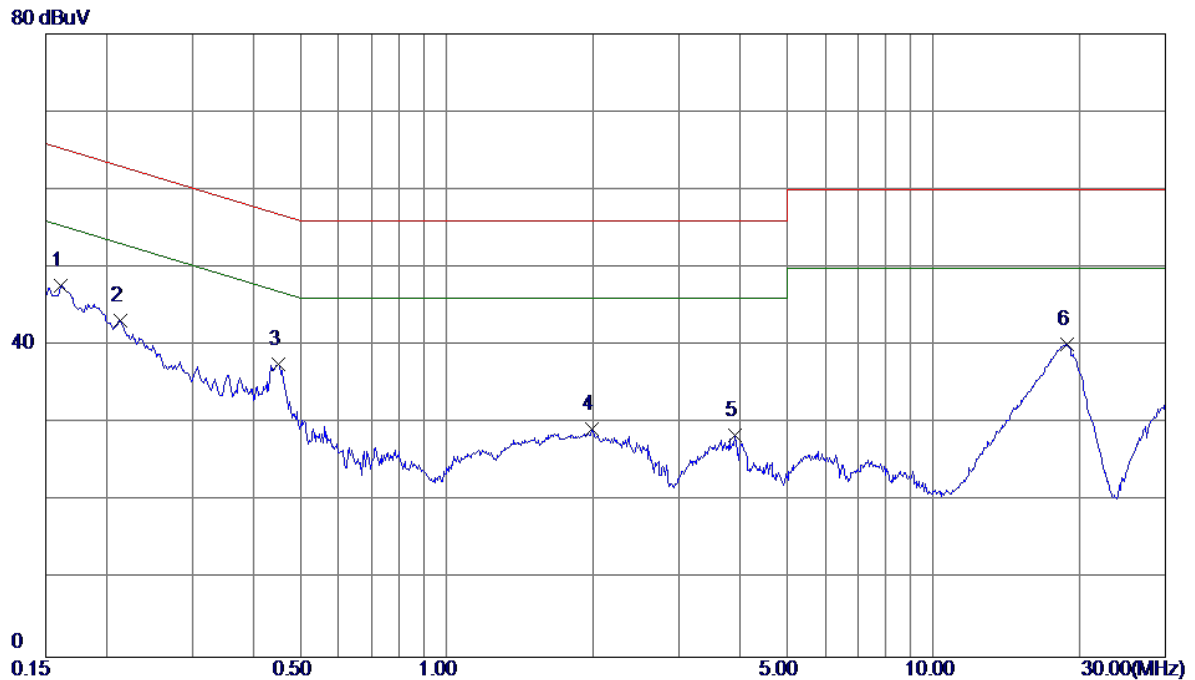
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1567	37.80	9.68	47.48	65.64	-18.16	Peak	
2	0.1824	33.92	9.70	43.62	64.38	-20.76	Peak	
3	0.2376	30.10	9.73	39.83	62.18	-22.35	Peak	
4	0.4355	22.94	9.81	32.75	57.15	-24.40	Peak	
5	3.0750	20.97	9.82	30.79	56.00	-25.21	Peak	
6	18.8700	32.93	10.36	43.29	60.00	-16.71	Peak	

Test Mode : TX MODE

Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1612	38.09	9.60	47.69	65.40	-17.71	Peak	
2	0.2130	33.61	9.61	43.22	63.09	-19.87	Peak	
3	0.4514	27.99	9.64	37.63	56.85	-19.22	Peak	
4	1.9925	19.30	9.93	29.23	56.00	-26.77	Peak	
5	3.9030	18.54	9.96	28.50	56.00	-27.50	Peak	
6	18.8070	29.86	10.28	40.14	60.00	-19.86	Peak	

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

Test Mode: TX MODE

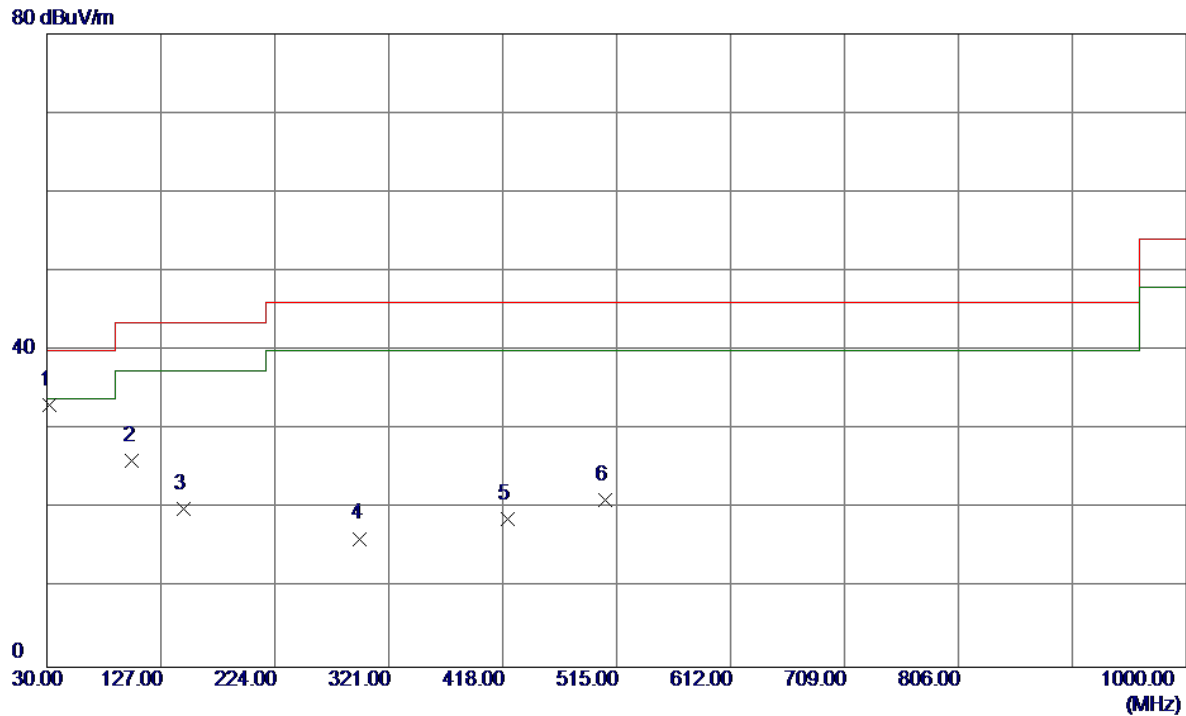
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0095	0°	4.67	24.9650	29.6350	108.0498	-78.4148	AVG
0.0095	0°	5.91	24.9650	30.8750	128.0498	-97.1748	PEAK
0.0226	0°	1.01	24.1353	25.1453	100.5221	-75.3767	AVG
0.0226	0°	3.64	24.1353	27.7753	120.5221	-92.7467	PEAK
0.0317	0°	3.68	23.5590	27.2390	97.5830	-70.3440	AVG
0.0317	0°	4.92	23.5590	28.4790	117.5830	-89.1040	PEAK
0.0422	0°	1.57	22.8940	24.4640	95.0980	-70.6340	AVG
0.0422	0°	2.19	22.8940	25.0840	115.0980	-90.0140	PEAK
0.4915	0°	18.17	19.8204	37.9904	73.7738	-35.7834	QP
1.7156	0°	22.47	19.5284	41.9984	69.5400	-27.5416	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0096	90°	12.23	24.3000	36.5300	127.9588	-91.4288	AVG
0.0096	90°	13.55	24.3000	37.8500	147.9588	-110.1088	PEAK
0.0251	90°	6.79	23.9770	30.7670	119.6108	-88.8438	AVG
0.0251	90°	7.91	23.9770	31.8870	139.6108	-107.7238	PEAK
0.0315	90°	4.55	23.5717	28.1217	117.6380	-89.5163	AVG
0.0315	90°	6.12	23.5717	29.6917	137.6380	-107.9463	PEAK
0.0432	90°	1.46	22.8307	24.2907	114.8945	-90.6039	AVG
0.0432	90°	3.01	22.8307	25.8407	134.8945	-109.0539	PEAK
0.4921	90°	21.34	19.8190	41.1590	73.7632	-32.6042	QP
1.7171	90°	24.69	19.5283	44.2183	69.5400	-25.3217	QP

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

Test Mode:	TX B MODE CHANNEL 01
------------	----------------------

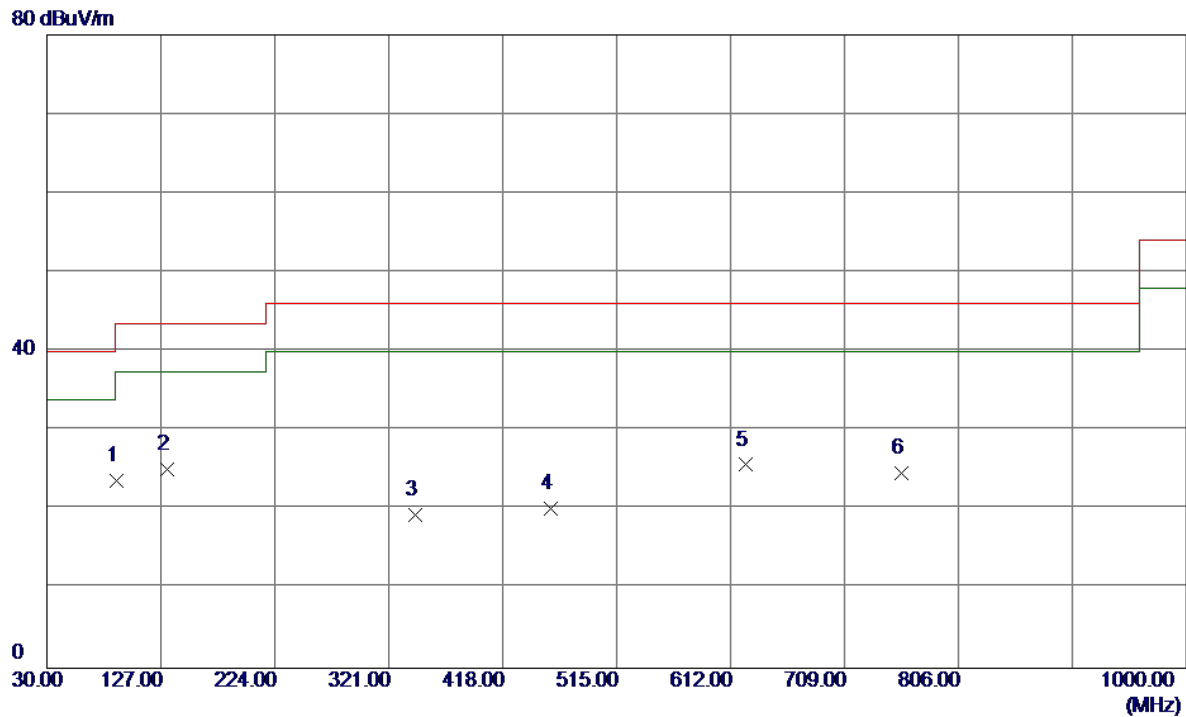
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	31.9400	56.42	-23.34	33.08	40.00	-6.92	Peak	
2	102.7500	48.18	-22.17	26.01	43.50	-17.49	Peak	
3	146.4000	39.72	-19.72	20.00	43.50	-23.50	Peak	
4	296.7500	34.41	-18.17	16.24	46.00	-29.76	Peak	
5	421.8800	33.96	-15.19	18.77	46.00	-27.23	Peak	
6	505.3000	33.65	-12.60	21.05	46.00	-24.95	Peak	

Test Mode:	TX B MODE CHANNEL 01
------------	----------------------

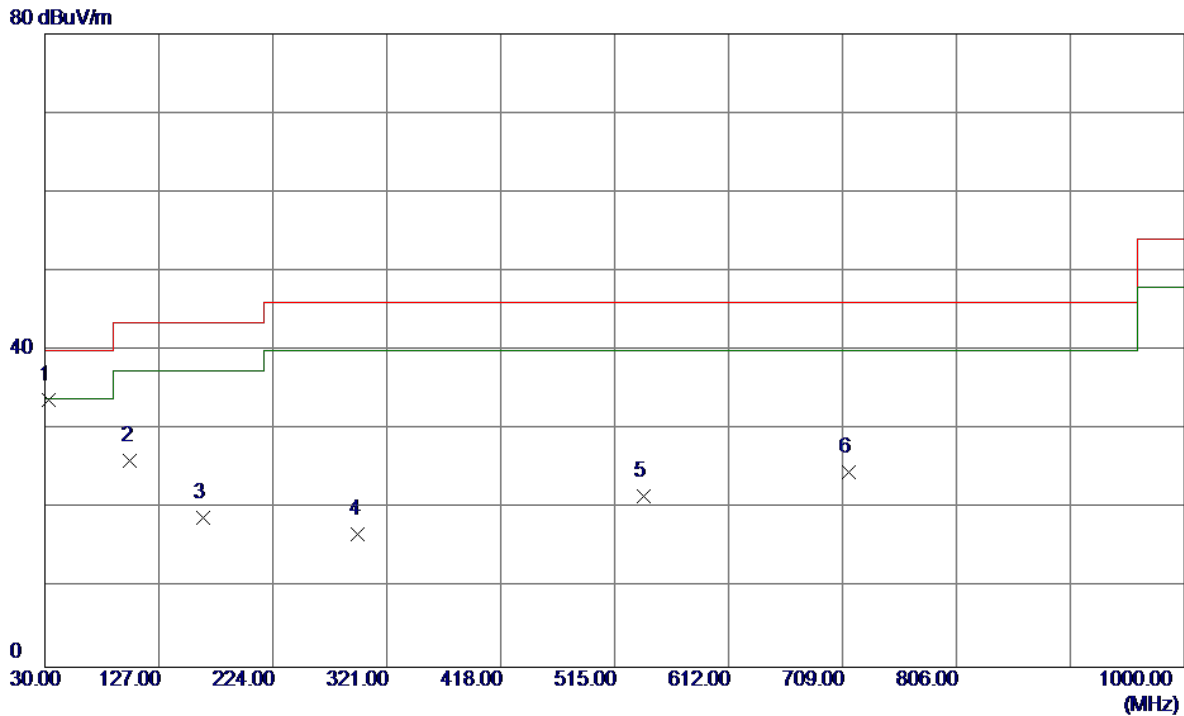
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	89.1700	47.95	-24.20	23.75	43.50	-19.75	Peak	
2	132.8200	46.21	-21.15	25.06	43.50	-18.44	Peak	
3	343.3100	35.86	-16.46	19.40	46.00	-26.60	Peak	
4	458.7400	32.83	-12.64	20.19	46.00	-25.81	Peak	
5	624.6100	36.68	-11.00	25.68	46.00	-20.32	Peak	
6	757.5000	31.76	-7.14	24.62	46.00	-21.38	Peak	

Test Mode: TX B MODE CHANNEL 06

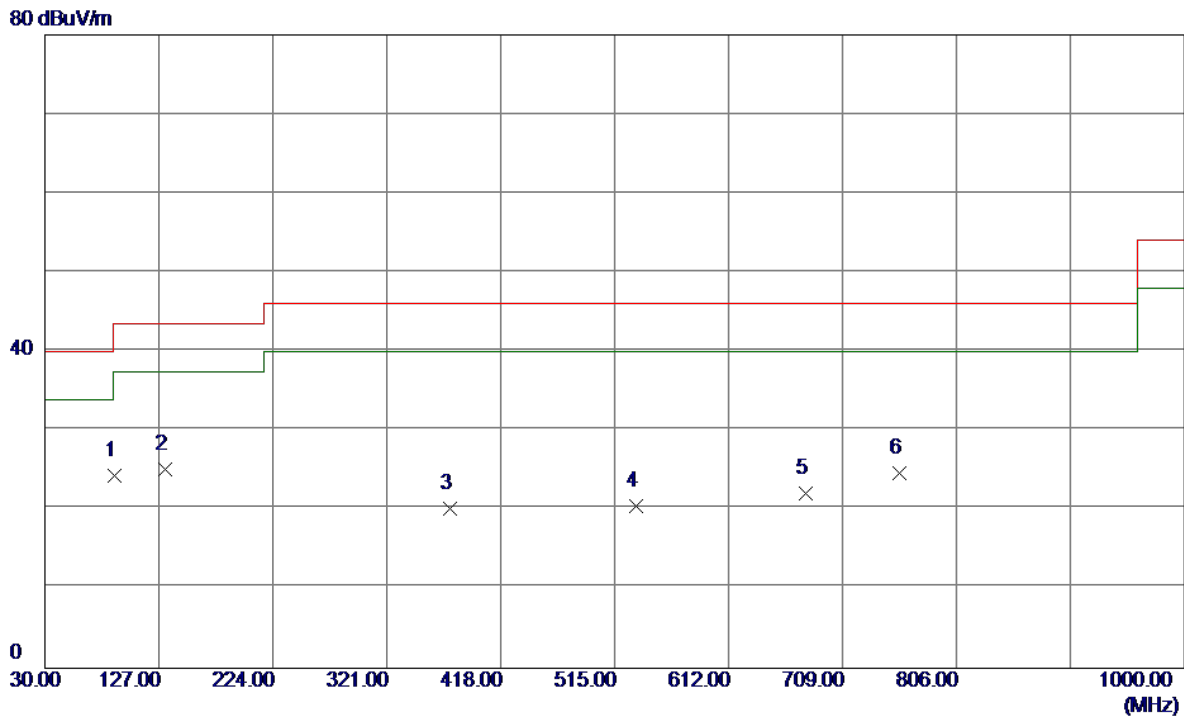
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	32.9100	56.84	-23.06	33.78	40.00	-6.22	Peak	
2	102.7500	48.18	-22.17	26.01	43.50	-17.49	Peak	
3	164.8300	37.24	-18.32	18.92	43.50	-24.58	Peak	
4	296.7500	34.91	-18.17	16.74	46.00	-29.26	Peak	
5	540.2199	33.65	-12.07	21.58	46.00	-24.42	Peak	
6	714.8200	31.65	-7.05	24.60	46.00	-21.40	Peak	

Test Mode: TX B MODE CHANNEL 06

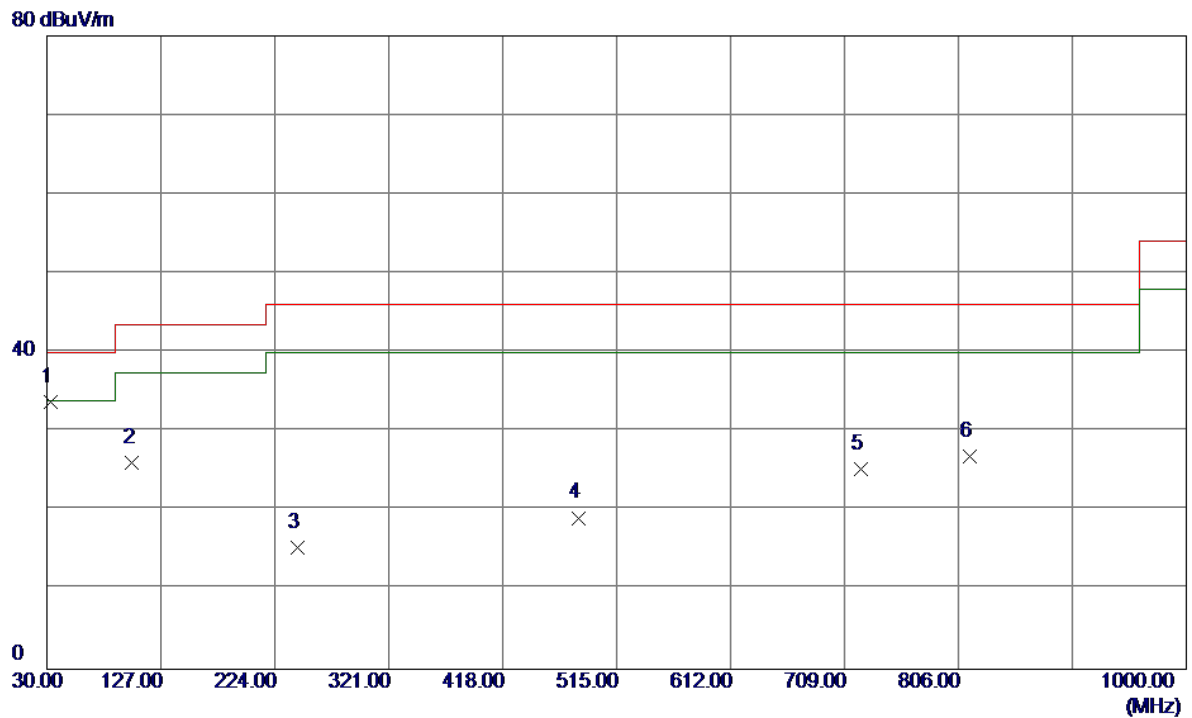
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	89.1700	48.45	-24.20	24.25	43.50	-19.25	Peak	
2	132.8200	46.21	-21.15	25.06	43.50	-18.44	Peak	
3	375.3200	35.92	-15.70	20.22	46.00	-25.78	Peak	
4	533.4300	32.89	-12.40	20.49	46.00	-25.51	Peak	
5	677.9600	31.71	-9.70	22.01	46.00	-23.99	Peak	
6	757.5000	31.76	-7.14	24.62	46.00	-21.38	Peak	

Test Mode:	TX B MODE CHANNEL 11
------------	----------------------

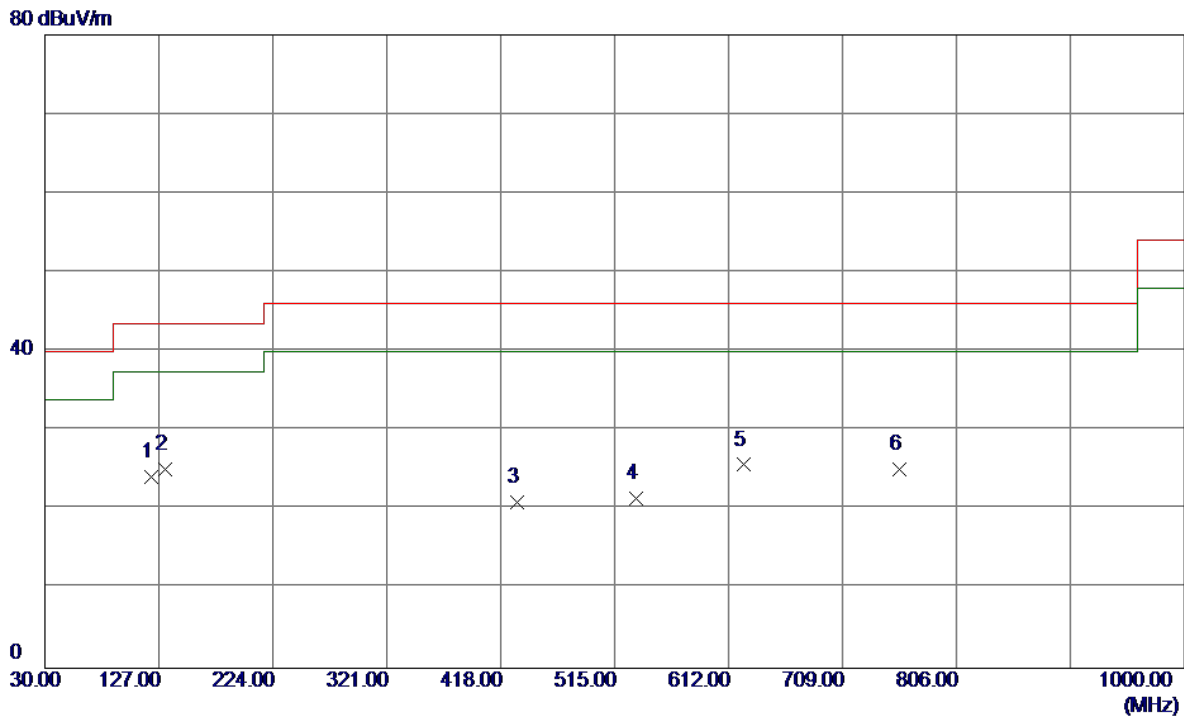
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	32.9100	56.84	-23.06	33.78	40.00	-6.22	Peak	
2	102.7500	48.18	-22.17	26.01	43.50	-17.49	Peak	
3	243.4000	34.93	-19.59	15.34	46.00	-30.66	Peak	
4	482.9900	31.73	-12.61	19.12	46.00	-26.88	Peak	
5	722.5800	31.74	-6.47	25.27	46.00	-20.73	Peak	
6	815.7000	31.89	-4.96	26.93	46.00	-19.07	Peak	

Test Mode: TX B MODE CHANNEL 11

Horizontal

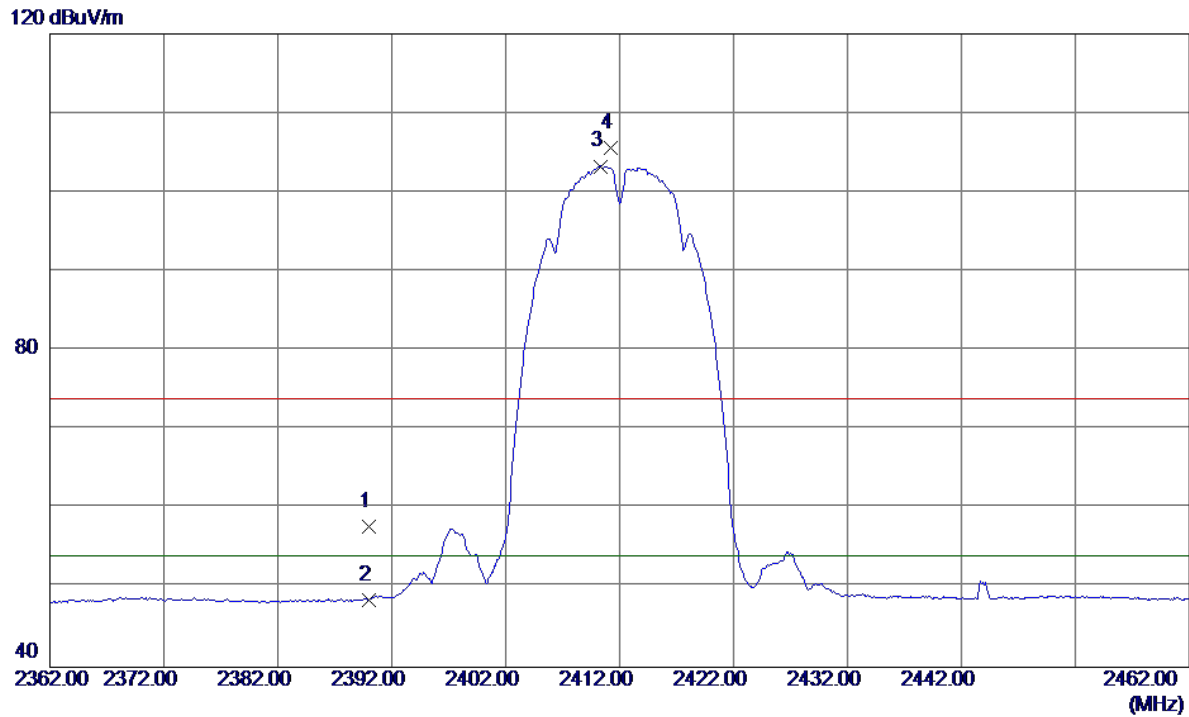


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	120.2100	46.96	-22.85	24.11	43.50	-19.39	Peak	
2	132.8200	46.21	-21.15	25.06	43.50	-18.44	Peak	
3	431.5800	33.65	-12.75	20.90	46.00	-25.10	Peak	
4	533.4300	33.89	-12.40	21.49	46.00	-24.51	Peak	
5	624.6100	36.68	-11.00	25.68	46.00	-20.32	Peak	
6	757.5000	32.26	-7.14	25.12	46.00	-20.88	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

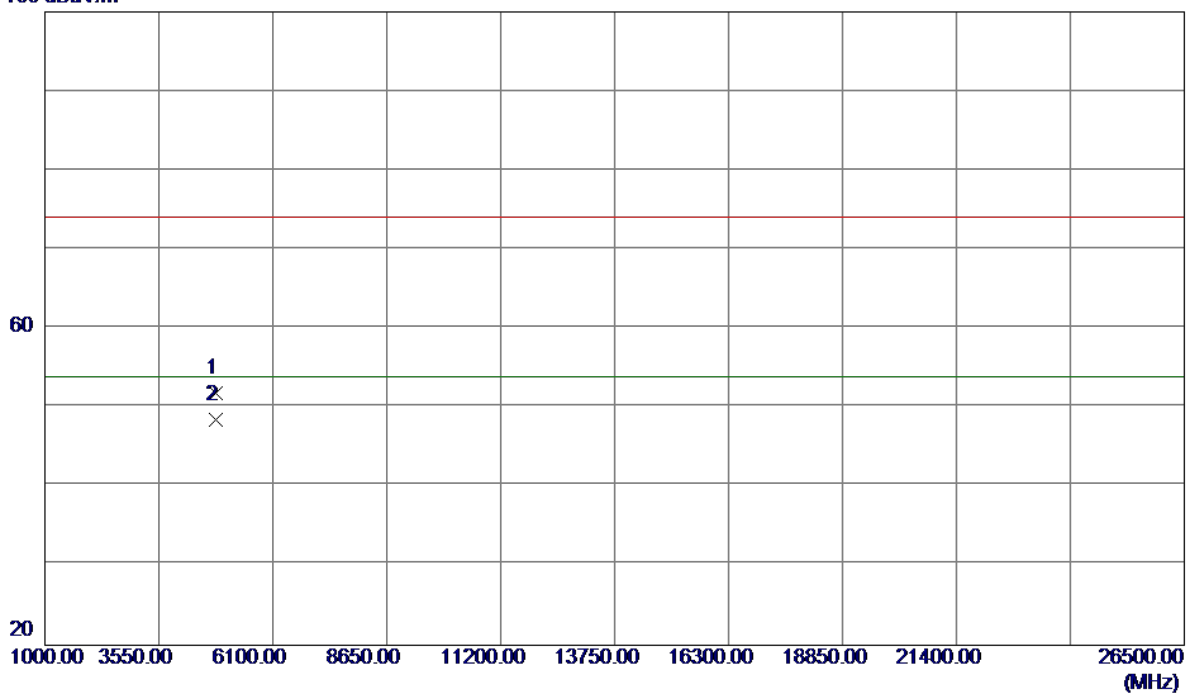


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2390.0000	28.81	28.91	57.72	74.00	-16.28	Peak	
2	2390.0000	19.60	28.91	48.51	54.00	-5.49	AVG	
3	2410.3000	74.35	28.93	103.28	54.00	49.28	AVG	No Limit
4	2411.2000	76.65	28.93	105.58	74.00	31.58	Peak	No Limit

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

Vertical

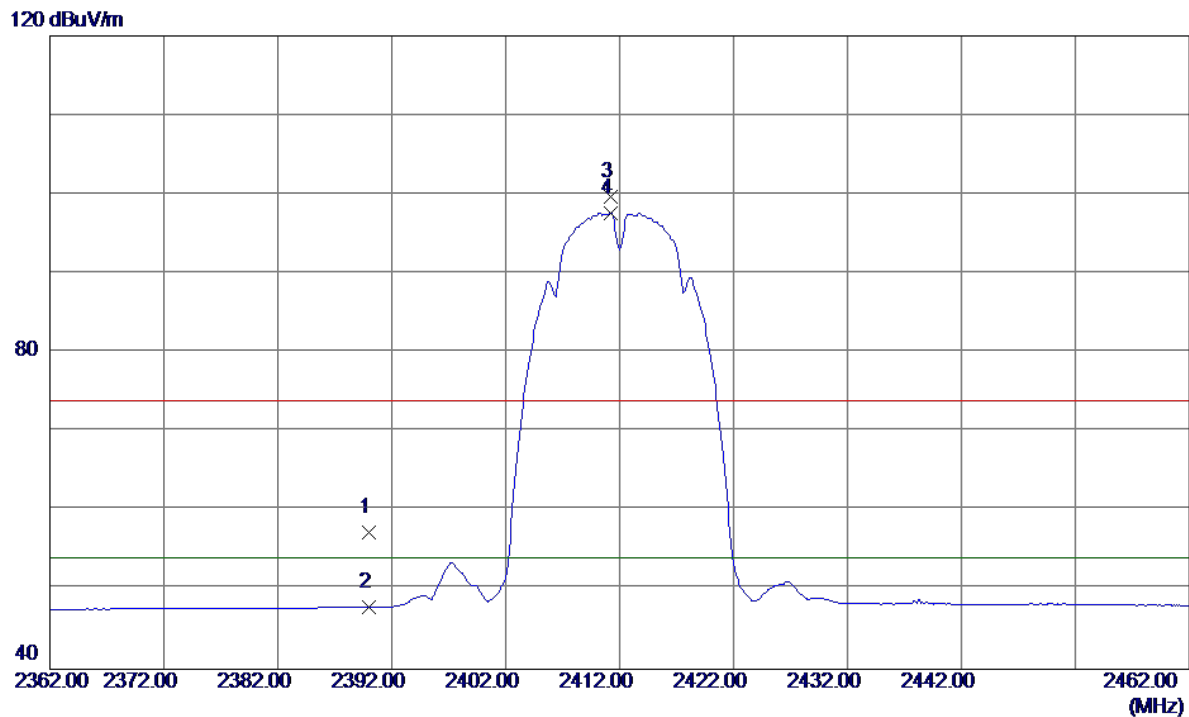
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4824.0000	51.95	-0.07	51.88	74.00	-22.12	Peak	
2	4824.0000	48.55	-0.07	48.48	54.00	-5.52	AVG	

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

Horizontal

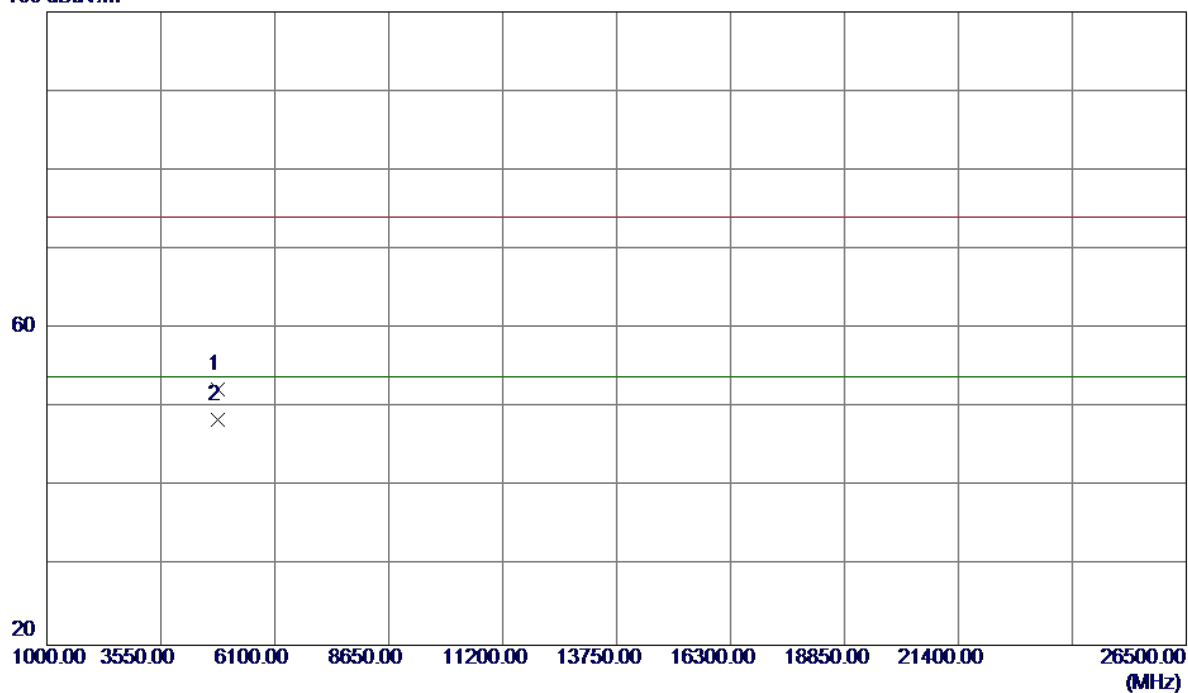


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2390.0000	23.87	33.43	57.30	74.00	-16.70	Peak	
2	2390.0000	14.43	33.43	47.86	54.00	-6.14	AVG	
3	2411.2000	66.16	33.47	99.63	74.00	25.63	Peak	No Limit
4	2411.2000	64.17	33.47	97.64	54.00	43.64	AVG	No Limit

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

Horizontal

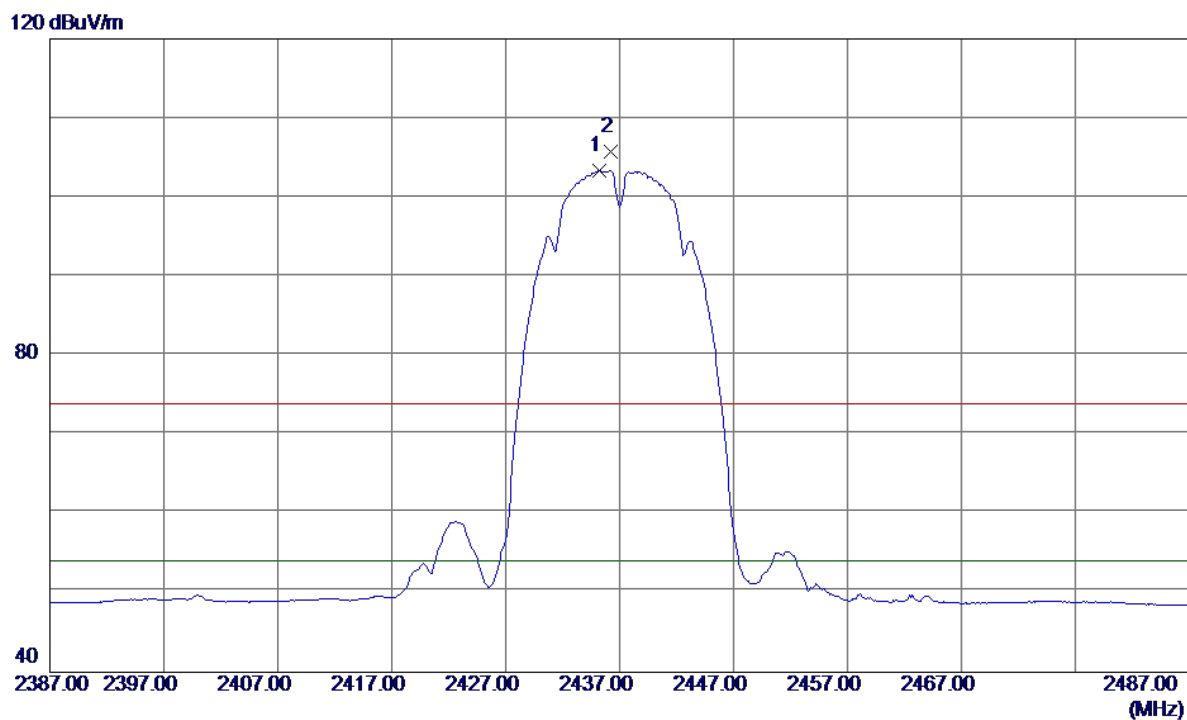
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4824.0000	52.40	-0.07	52.33	74.00	-21.67	Peak	
2	4824.0400	48.58	-0.07	48.51	54.00	-5.49	AVG	

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

Vertical

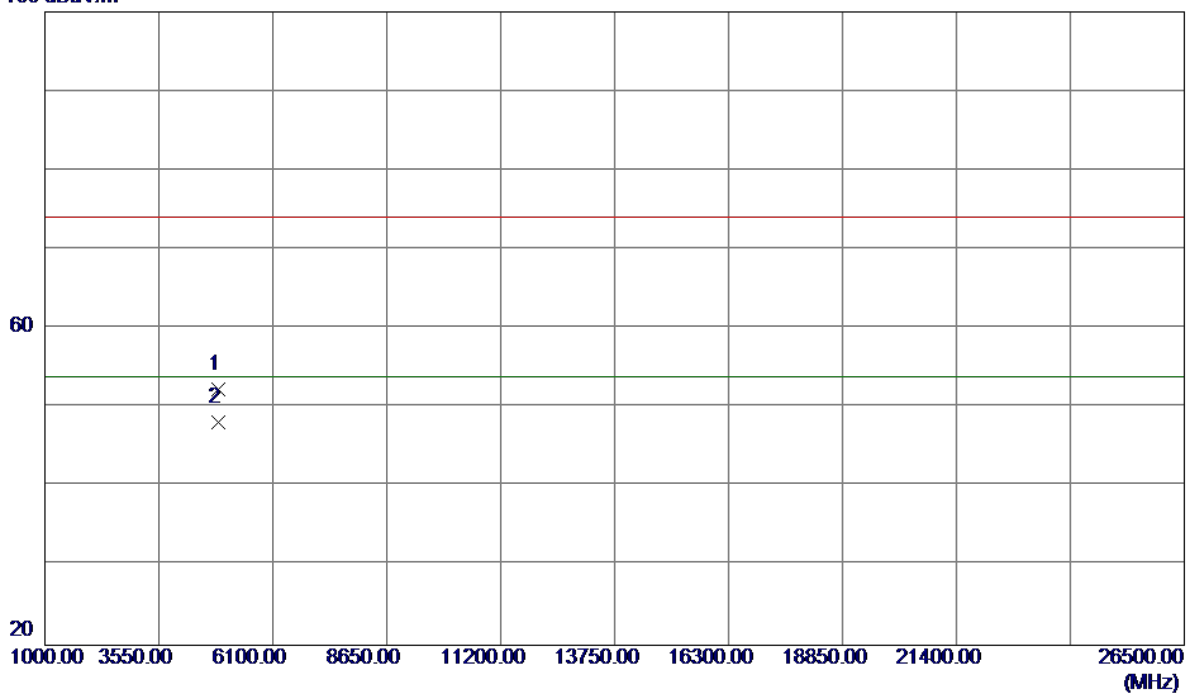


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2435.2000	74.41	28.95	103.36	54.00	49.36	AVG	No Limit
2	2436.2000	76.84	28.95	105.79	74.00	31.79	Peak	No Limit

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

Vertical

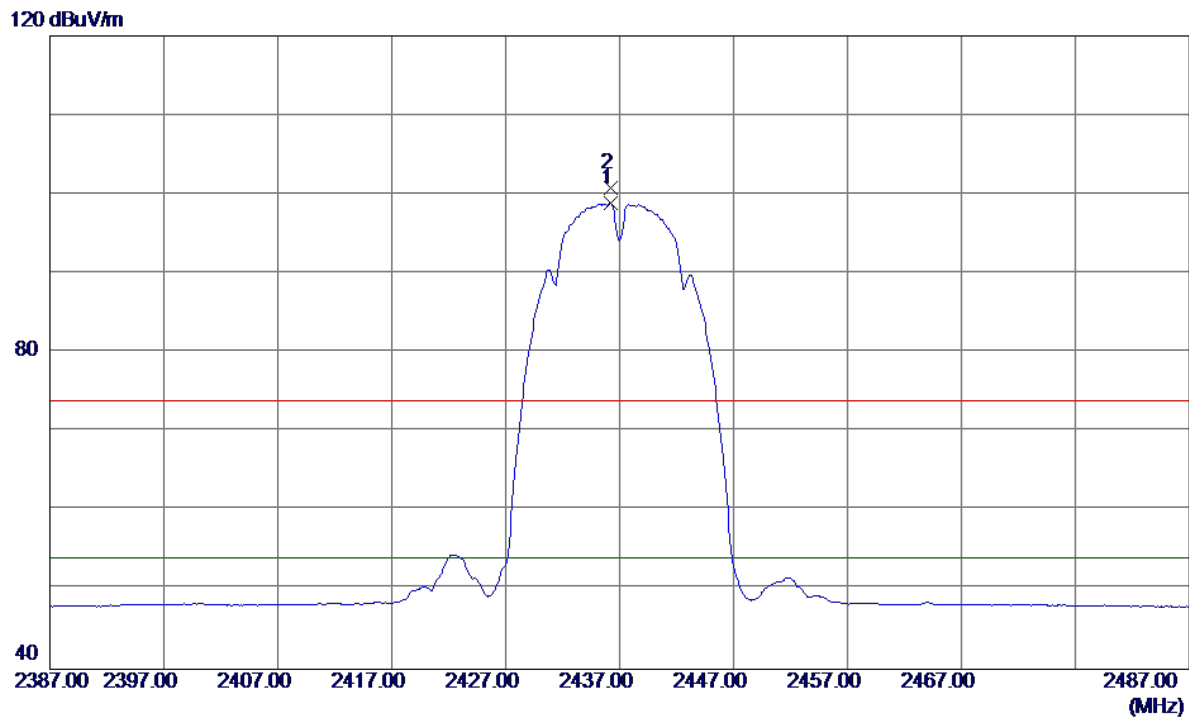
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4874.0000	52.27	0.05	52.32	74.00	-21.68	Peak	
2	4874.0000	48.16	0.05	48.21	54.00	-5.79	AVG	

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

Horizontal

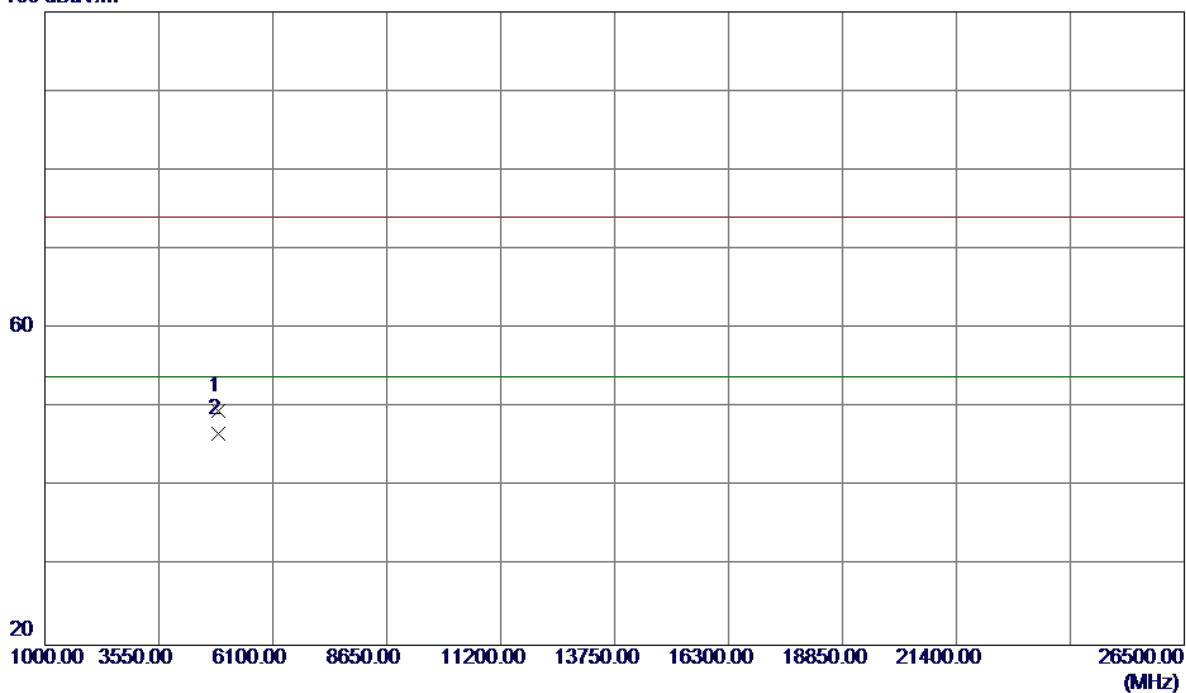


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2436.2000	65.31	33.51	98.82	74.00	24.82	Peak	No Limit
2	2436.2000	67.25	33.51	100.76	54.00	46.76	AVG	No Limit

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

Horizontal

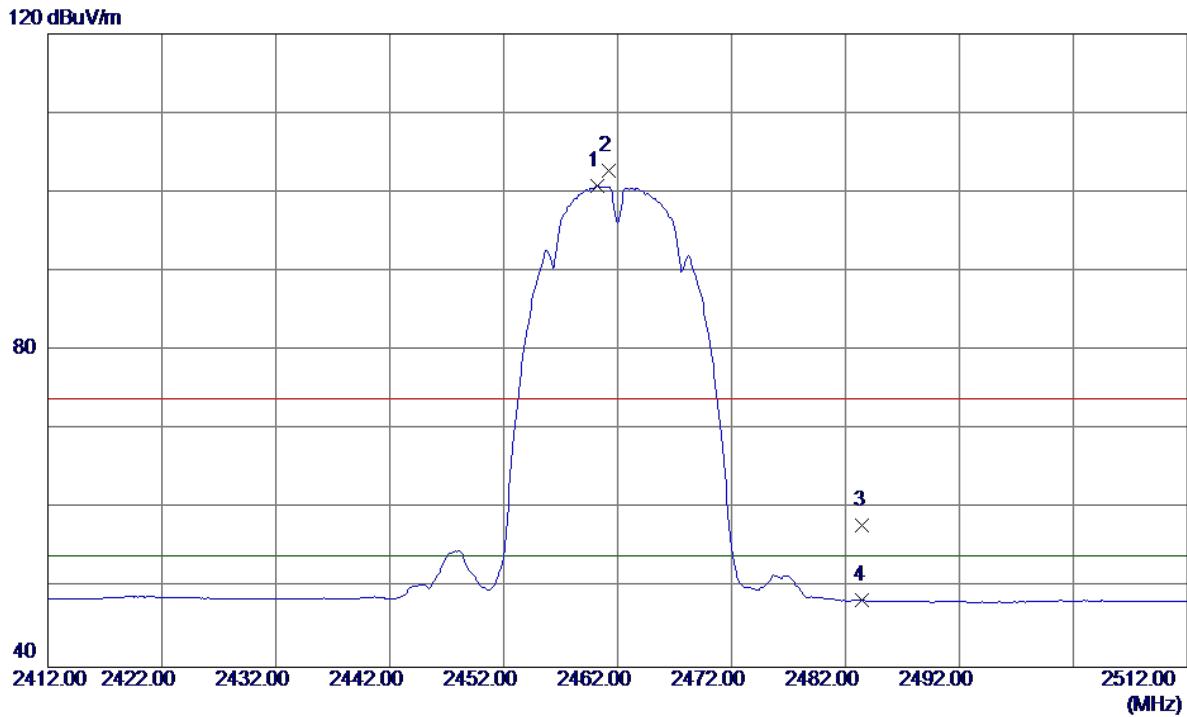
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4874.0000	49.52	0.05	49.57	74.00	-24.43	Peak	
2	4874.0000	46.70	0.05	46.75	54.00	-7.25	AVG	

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

Vertical

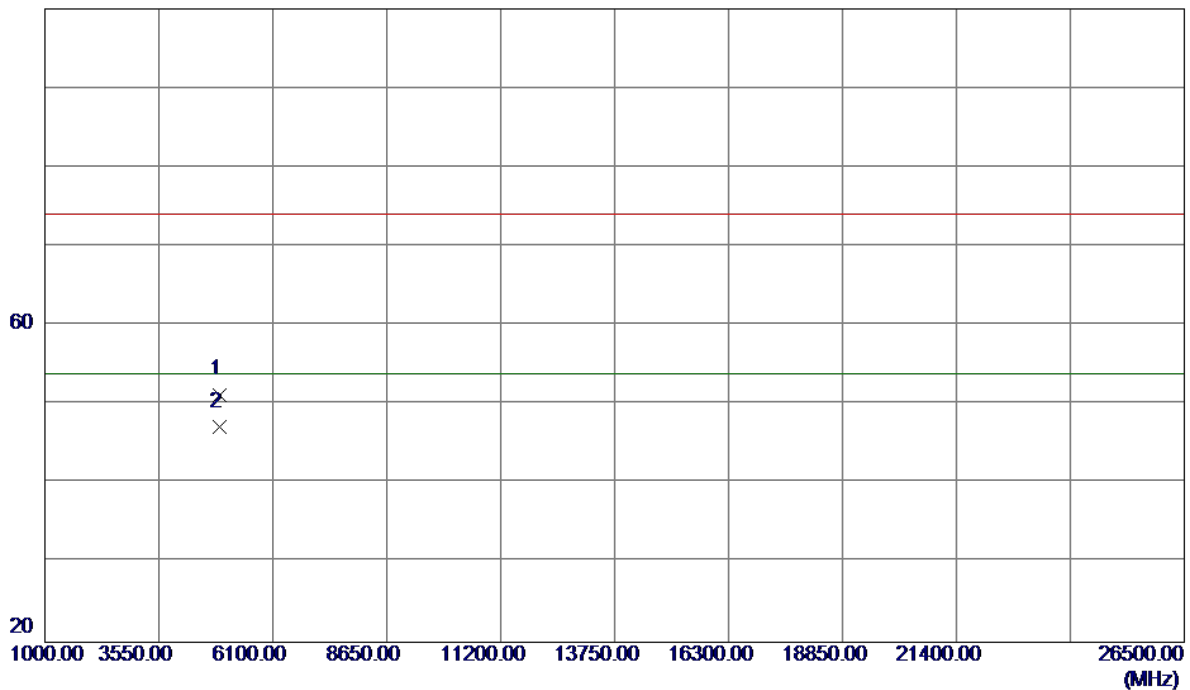


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2460.2000	71.82	28.97	100.79	54.00	46.79	AVG	No Limit
2	2461.2000	73.79	28.97	102.76	74.00	28.76	Peak	No Limit
3	2483.5000	29.00	28.99	57.99	74.00	-16.01	Peak	
4	2483.5000	19.50	28.99	48.49	54.00	-5.51	AVG	

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

Vertical

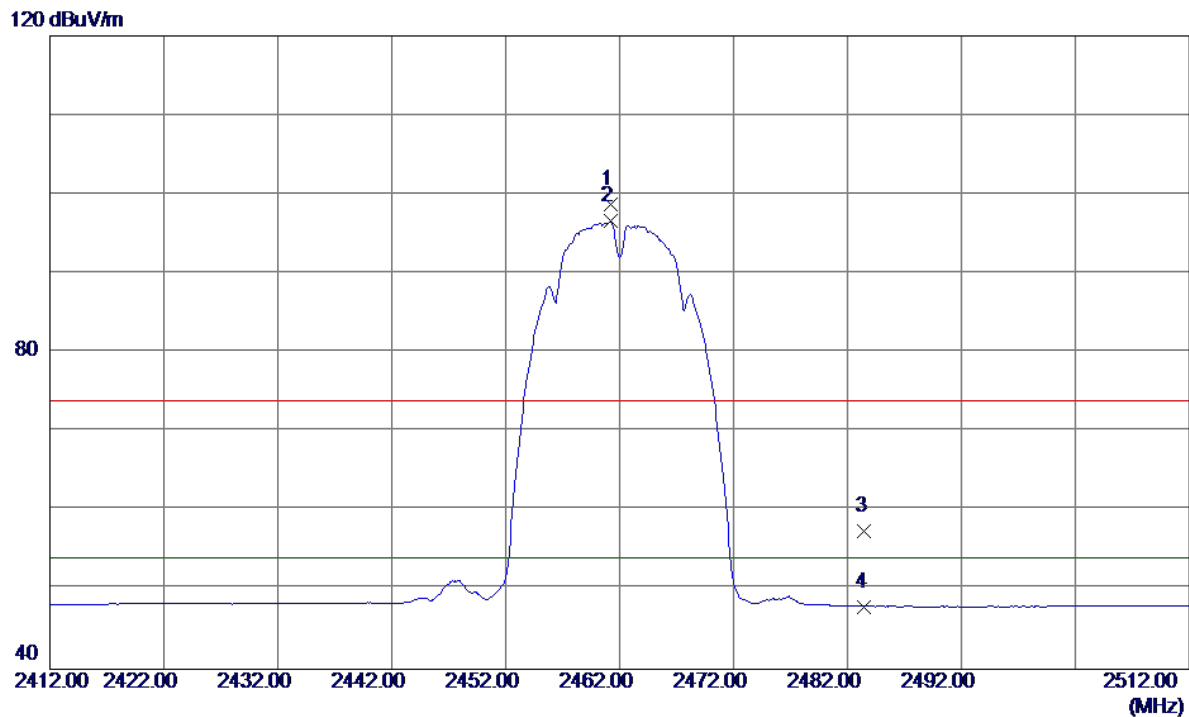
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4923.9400	51.12	0.16	51.28	74.00	-22.72	Peak	
2	4923.9800	47.02	0.16	47.18	54.00	-6.82	AVG	

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

Horizontal

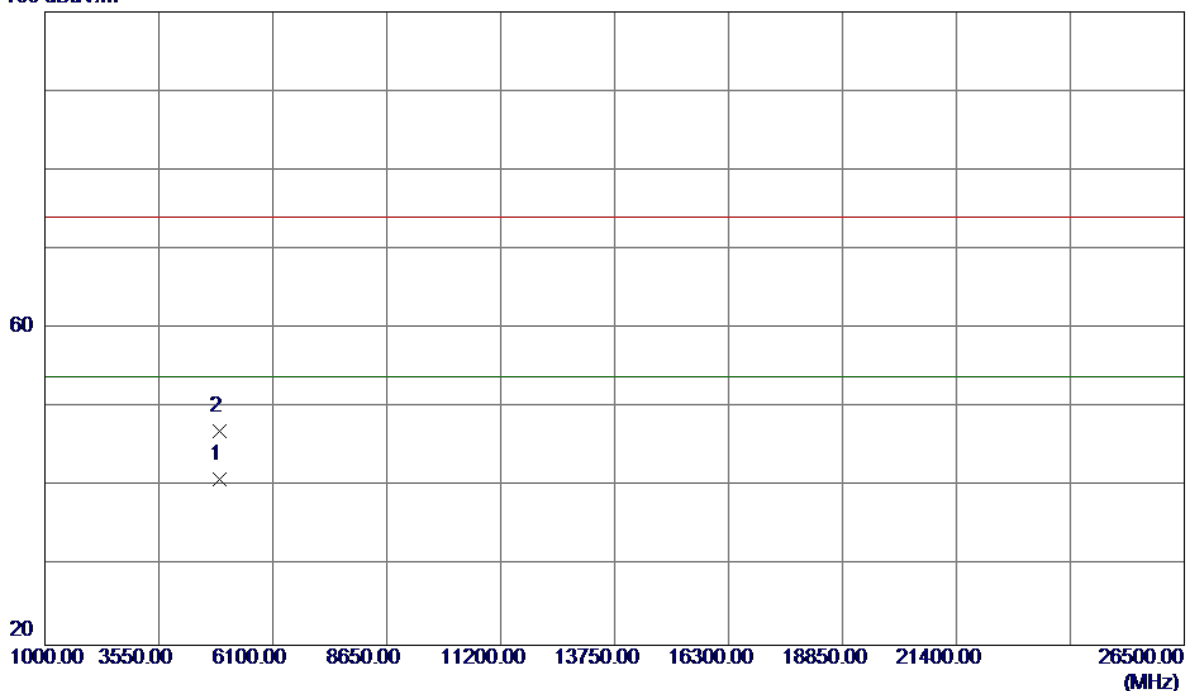


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2461.2000	65.12	33.55	98.67	74.00	24.67	Peak	No Limit
2	2461.2000	63.02	33.55	96.57	54.00	42.57	AVG	No Limit
3	2483.5000	23.88	33.59	57.47	74.00	-16.53	Peak	
4	2483.5000	14.33	33.59	47.92	54.00	-6.08	AVG	

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

Horizontal

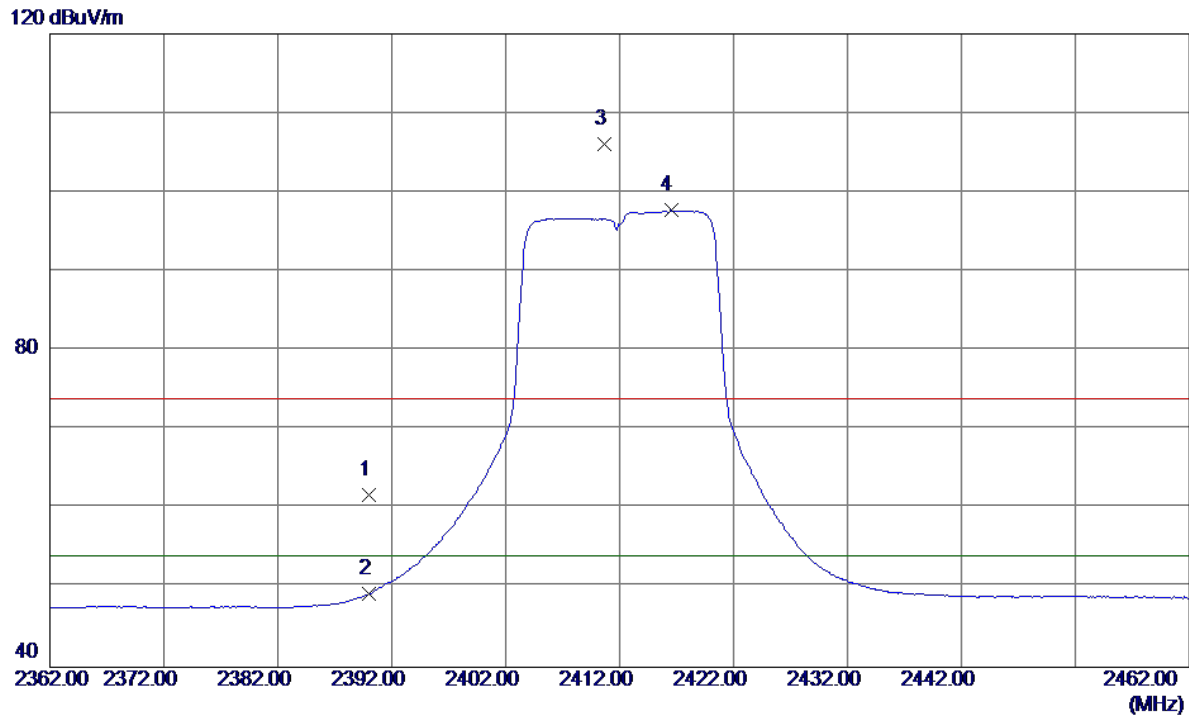
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4923.9800	40.76	0.16	40.92	54.00	-13.08	AVG	
2	4924.0800	46.87	0.16	47.03	74.00	-26.97	Peak	

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

Vertical

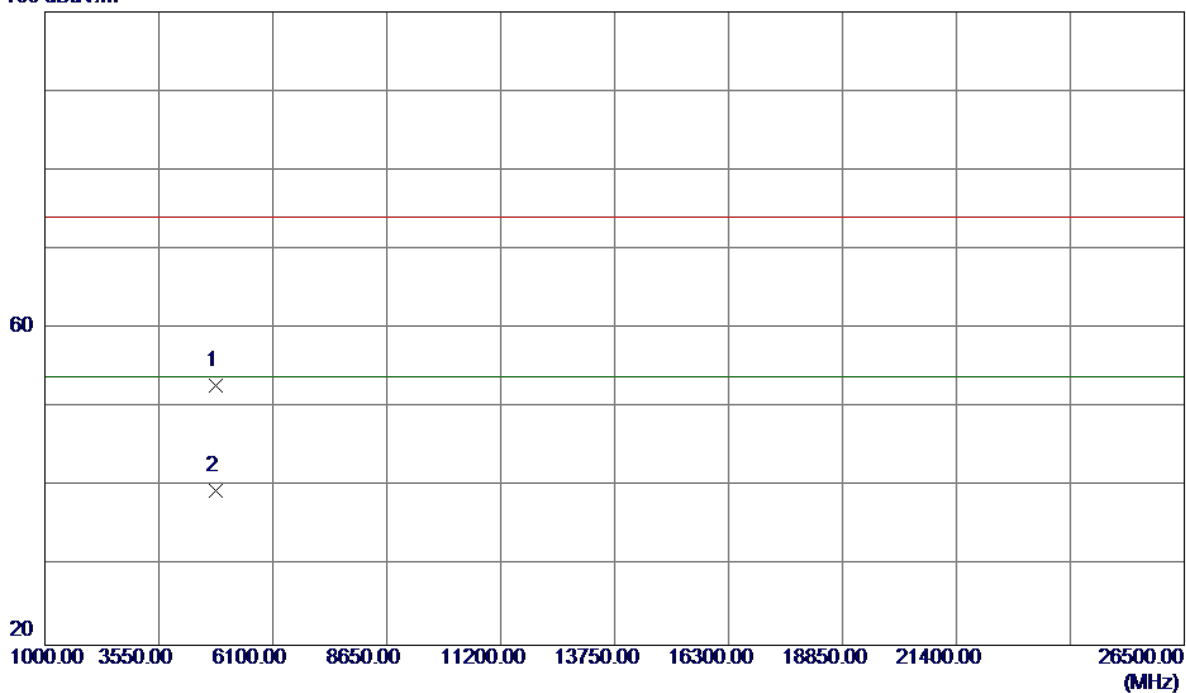


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	32.88	28.91	61.79	74.00	-12.21	Peak	
2	2390.0000	20.31	28.91	49.22	54.00	-4.78	AVG	
3	2410.7000	77.10	28.93	106.03	74.00	32.03	Peak	No Limit
4	2416.5000	68.77	28.93	97.70	54.00	43.70	AVG	No Limit

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

Vertical

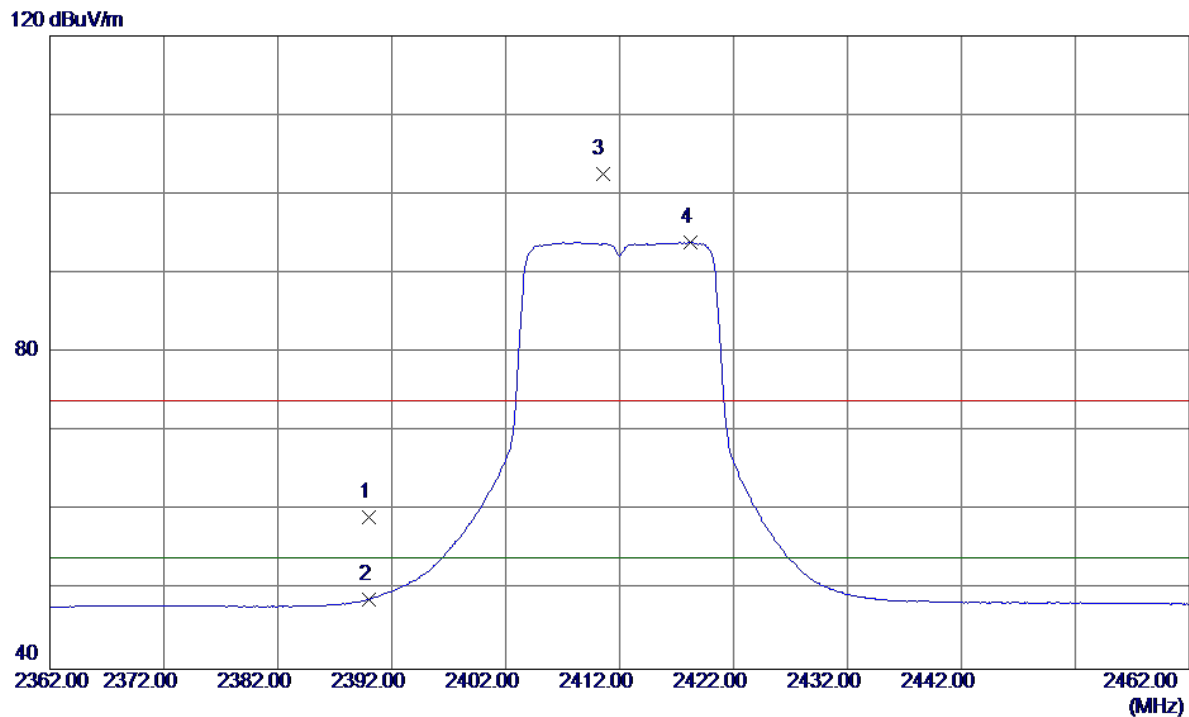
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4820.6000	52.94	-0.08	52.86	74.00	-21.14	Peak	
2	4824.0500	39.65	-0.07	39.58	54.00	-14.42	AVG	

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

Horizontal

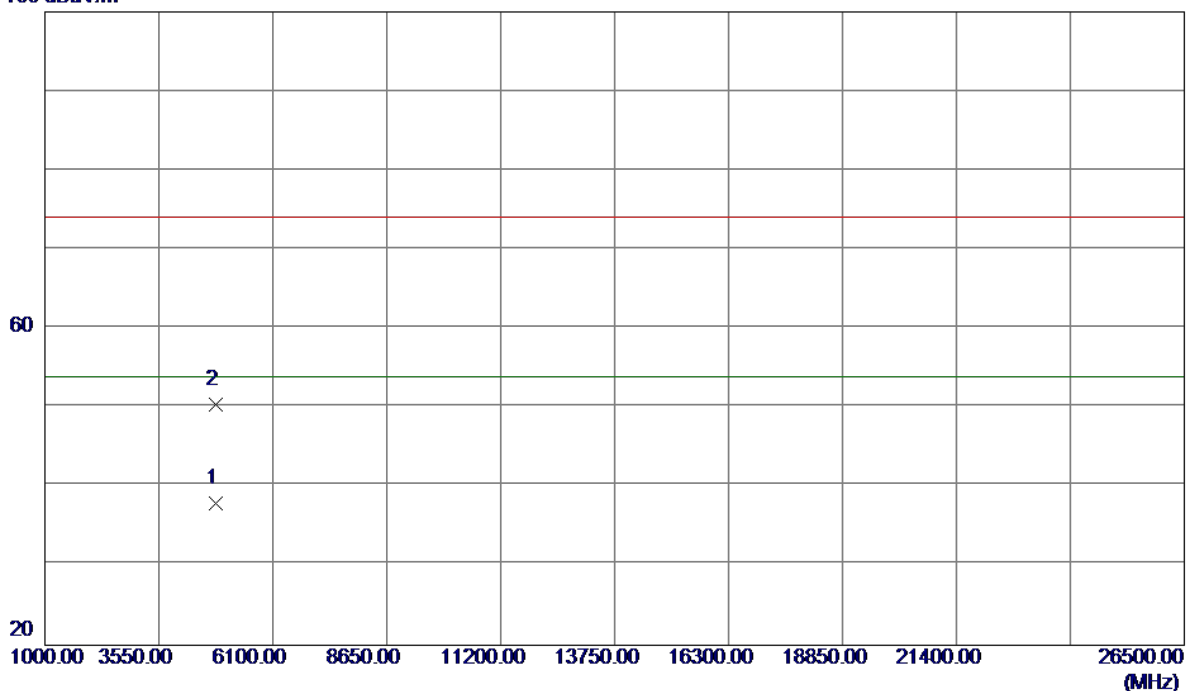


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2390.0000	25.70	33.43	59.13	74.00	-14.87	Peak	
2	2390.0000	15.38	33.43	48.81	54.00	-5.19	AVG	
3	2410.5000	69.16	33.47	102.63	74.00	28.63	Peak	No Limit
4	2418.2000	60.46	33.48	93.94	54.00	39.94	AVG	No Limit

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

Horizontal

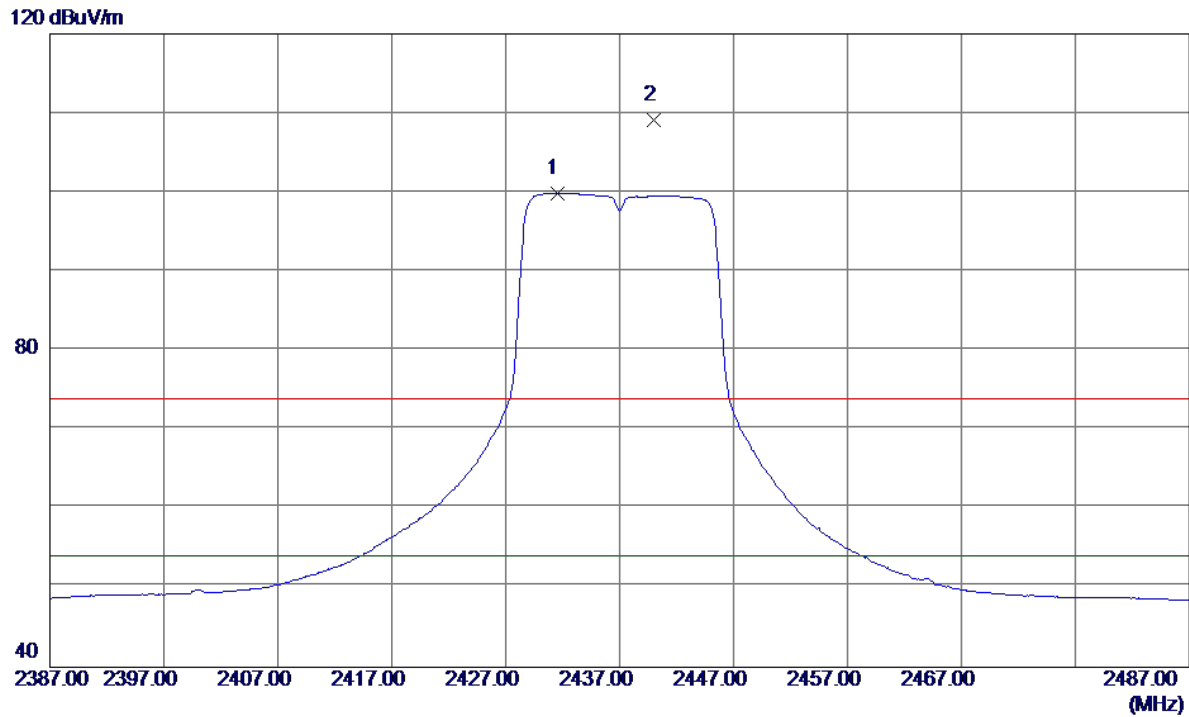
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4823.9000	37.95	-0.07	37.88	54.00	-16.12	AVG	
2	4824.0500	50.44	-0.07	50.37	74.00	-23.63	Peak	

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

Vertical

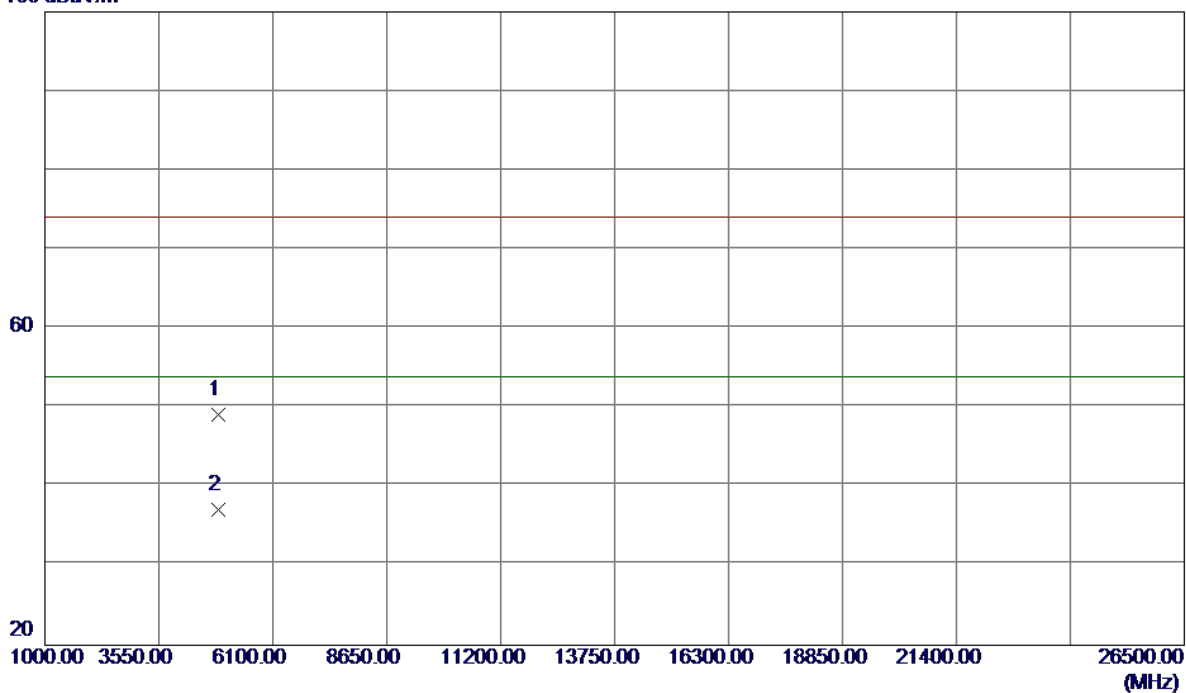


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2431.5000	70.95	28.95	99.90	54.00	45.90	AVG	No Limit
2	2440.0000	80.16	28.95	109.11	74.00	35.11	Peak	No Limit

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

Vertical

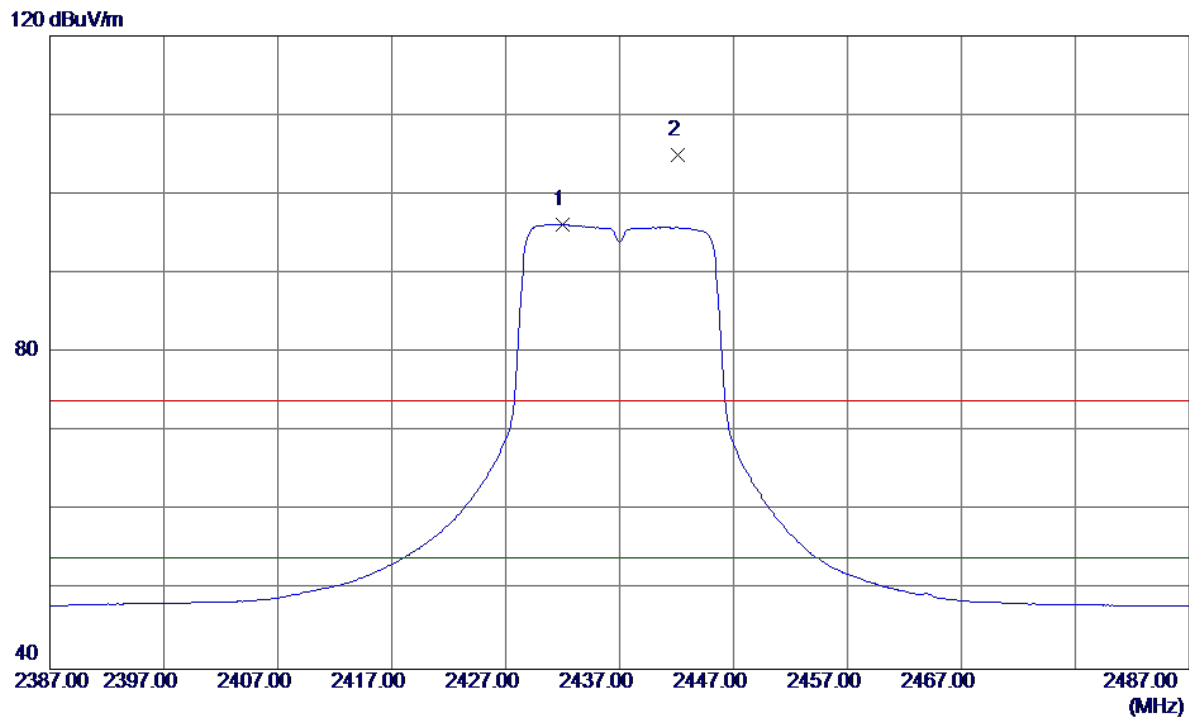
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4870.9000	49.14	0.04	49.18	74.00	-24.82	Peak	
2	4872.2000	37.04	0.04	37.08	54.00	-16.92	AVG	

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

Horizontal

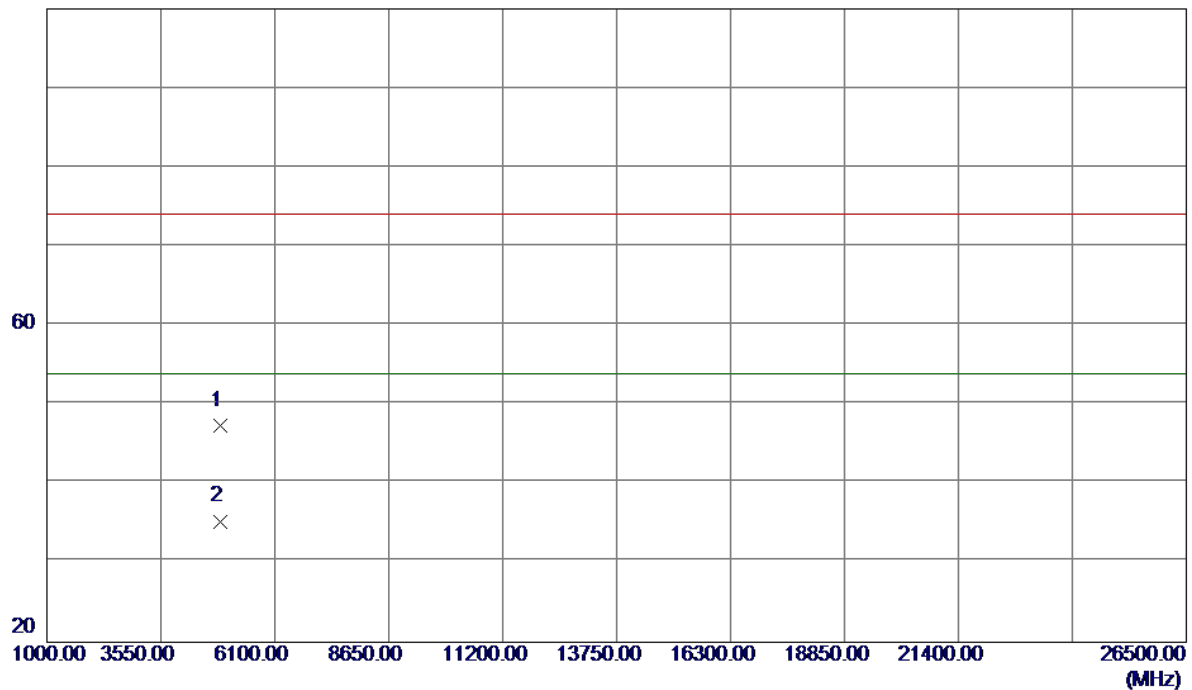


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2432.0000	62.71	33.50	96.21	54.00	42.21	AVG	No Limit
2	2442.1000	71.49	33.52	105.01	74.00	31.01	Peak	No Limit

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

Horizontal

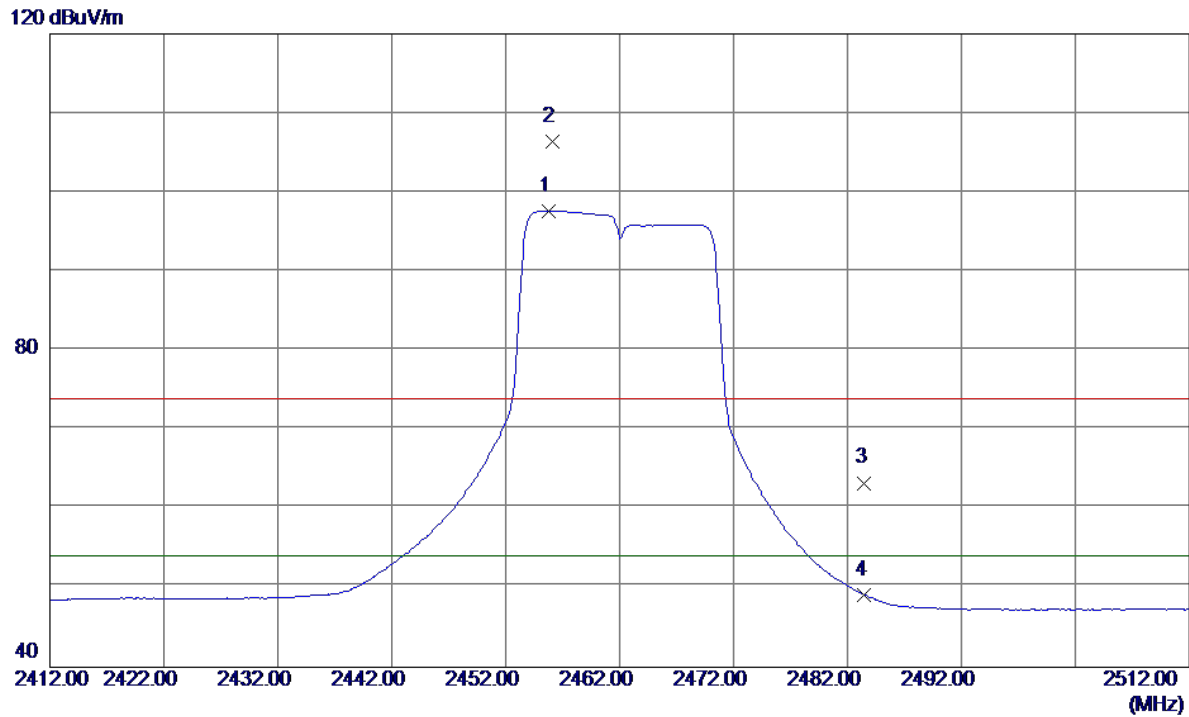
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4873.4500	47.32	0.05	47.37	74.00	-26.63	Peak	
2	4875.8000	35.23	0.05	35.28	54.00	-18.72	AVG	

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

Vertical

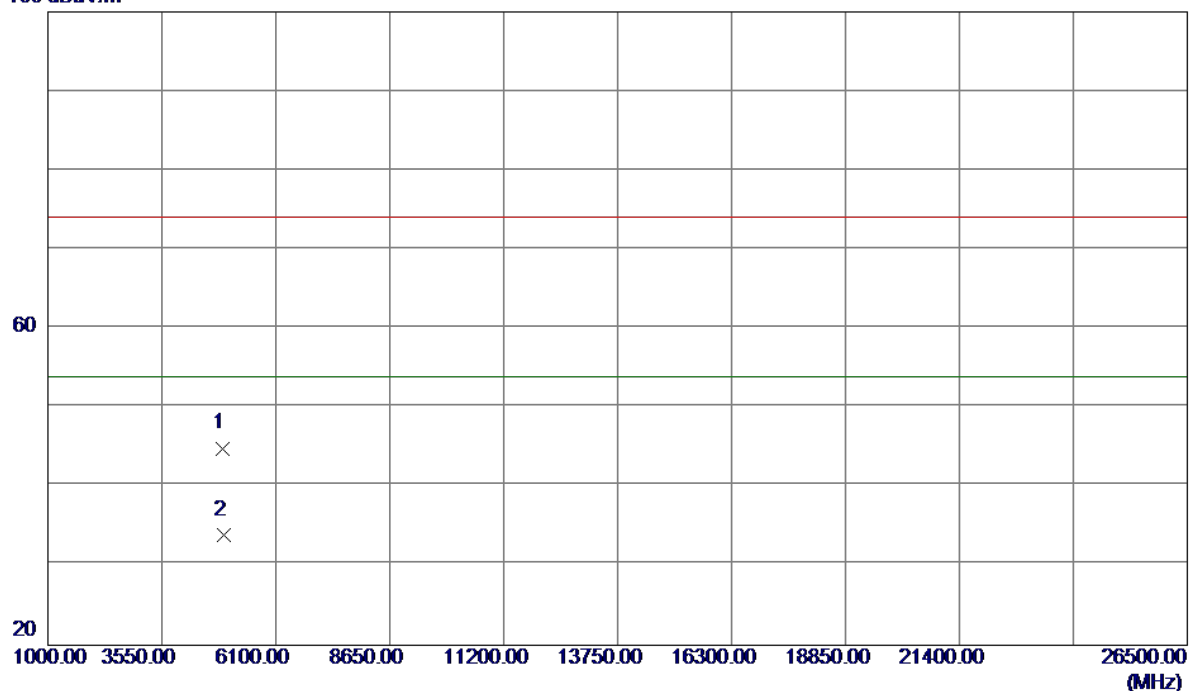


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.8000	68.69	28.96	97.65	54.00	43.65	AVG	No Limit
2	2456.1000	77.38	28.96	106.34	74.00	32.34	Peak	No Limit
3	2483.5000	34.29	28.99	63.28	74.00	-10.72	Peak	
4	2483.5000	20.14	28.99	49.13	54.00	-4.87	AVG	

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

Vertical

100 dBuV/m

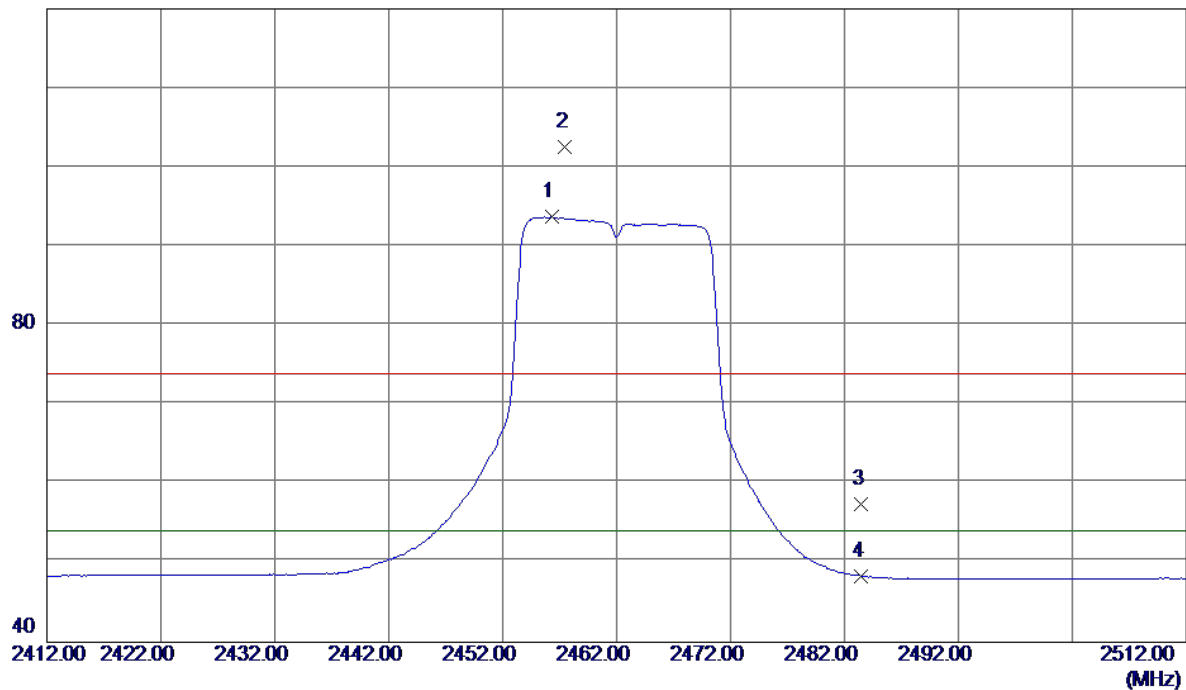


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4923.9500	44.72	0.16	44.88	74.00	-29.12	Peak	
2	4926.2500	33.70	0.17	33.87	54.00	-20.13	AVG	

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

Horizontal

120 dBuV/m

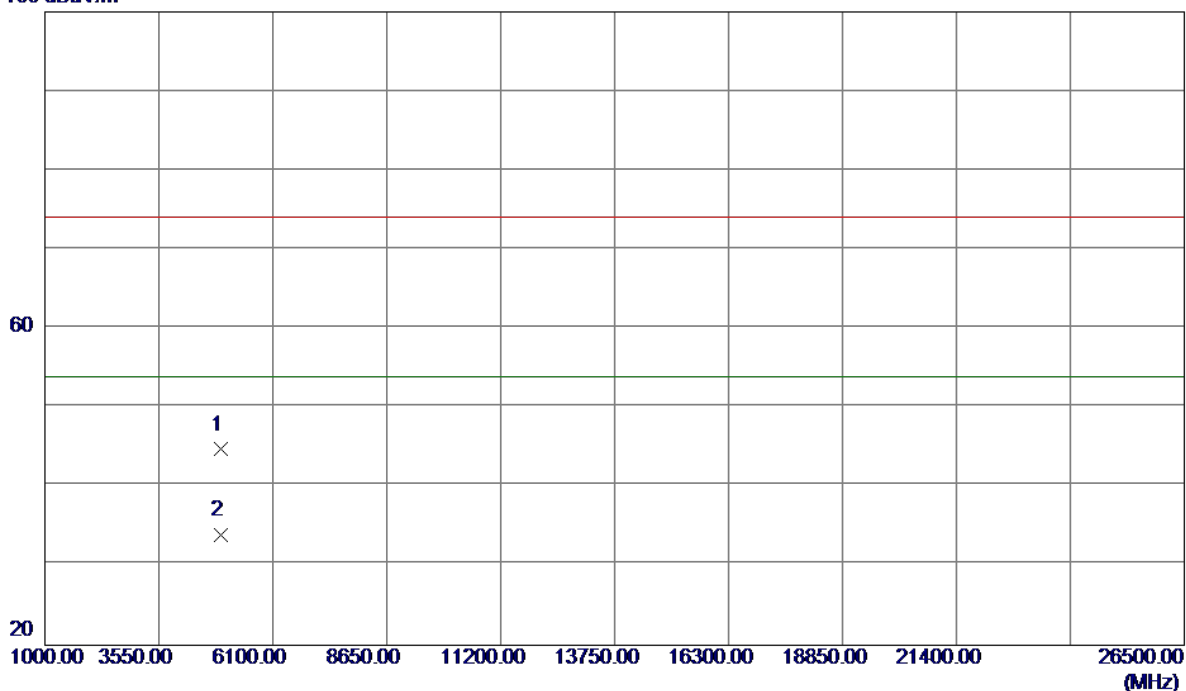


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2456.3000	60.17	33.54	93.71	54.00	39.71	AVG	No Limit
2	2457.5000	69.01	33.55	102.56	74.00	28.56	Peak	No Limit
3	2483.5000	23.79	33.59	57.38	74.00	-16.62	Peak	
4	2483.5000	14.74	33.59	48.33	54.00	-5.67	AVG	

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

Horizontal

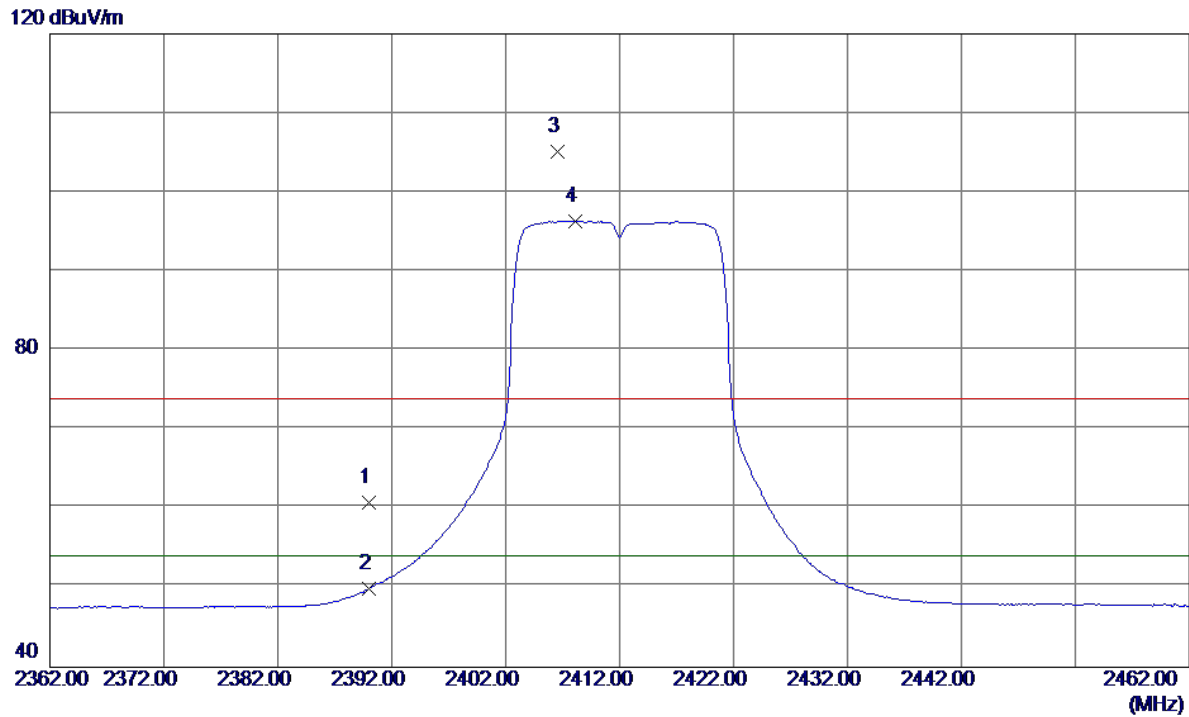
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4925.4500	44.55	0.17	44.72	74.00	-29.28	Peak	
2	4928.5000	33.81	0.17	33.98	54.00	-20.02	AVG	

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

Vertical

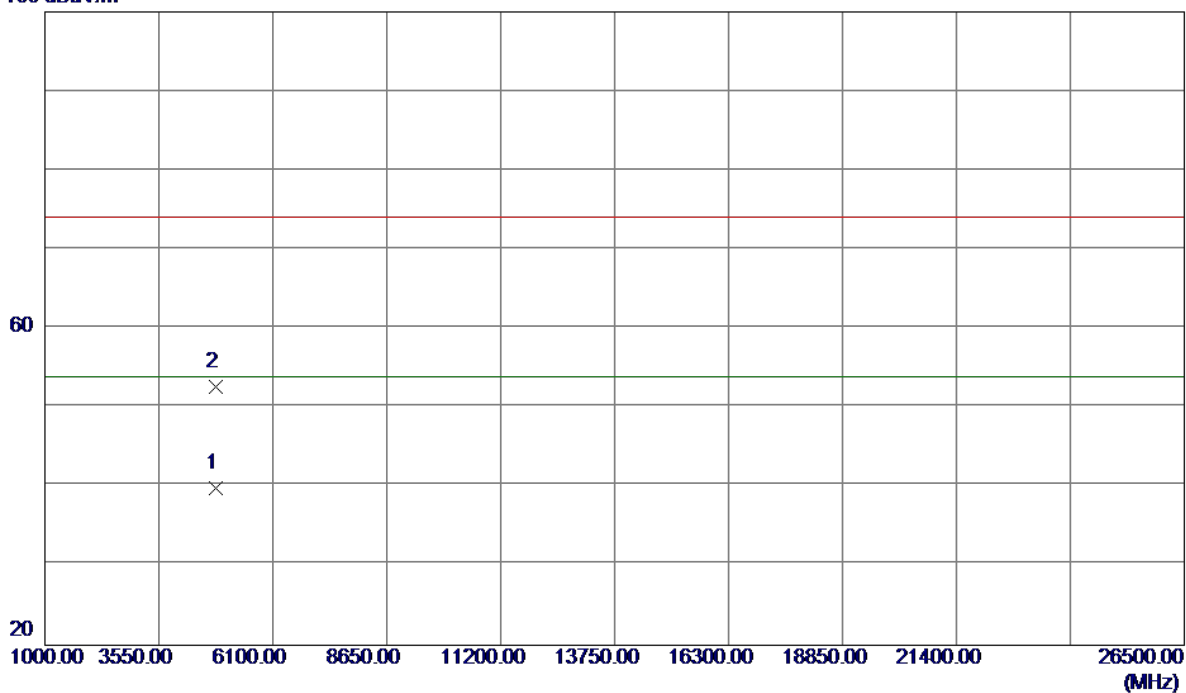


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	31.86	28.91	60.77	74.00	-13.23	Peak	
2	2390.0000	20.97	28.91	49.88	54.00	-4.12	AVG	
3	2406.6000	76.13	28.93	105.06	74.00	31.06	Peak	No Limit
4	2408.1000	67.42	28.93	96.35	54.00	42.35	AVG	No Limit

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

Vertical

100 dBuV/m

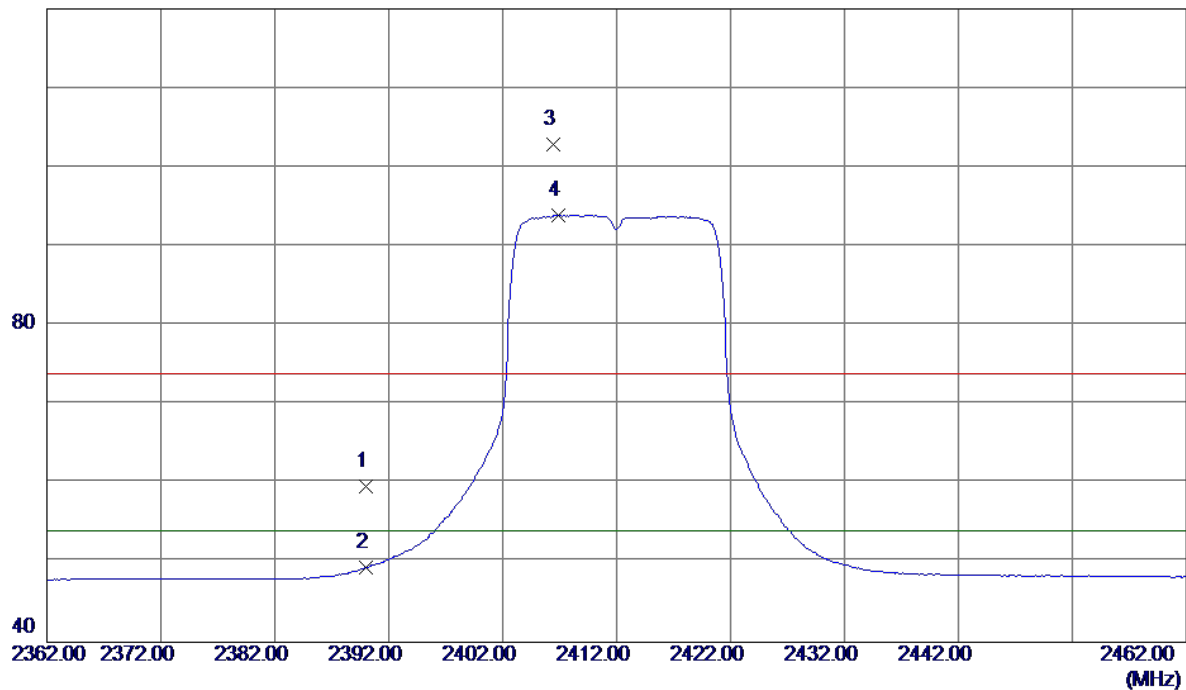


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4824.1500	39.84	-0.07	39.77	54.00	-14.23	AVG	
2	4825.2000	52.65	-0.07	52.58	74.00	-21.42	Peak	

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

Horizontal

120 dBuV/m

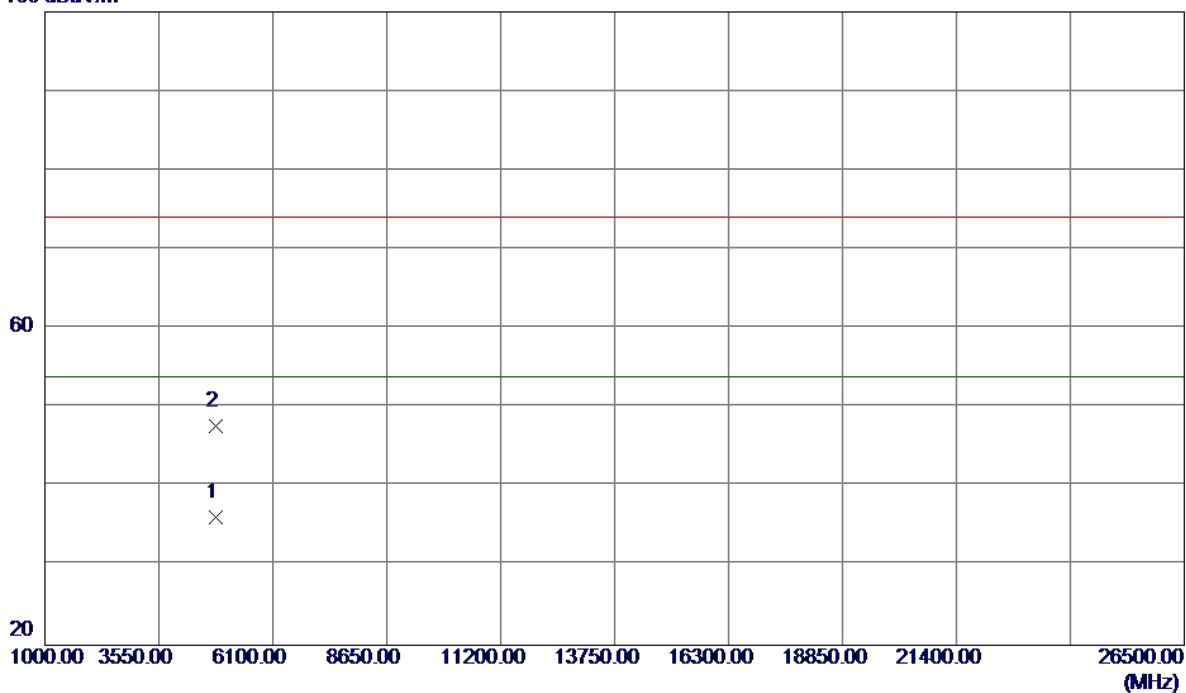


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2390.0000	26.31	33.43	59.74	74.00	-14.26	Peak	
2	2390.0000	15.98	33.43	49.41	54.00	-4.59	AVG	
3	2406.4000	69.42	33.46	102.88	74.00	28.88	Peak	No Limit
4	2406.9000	60.49	33.46	93.95	54.00	39.95	AVG	No Limit

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

Horizontal

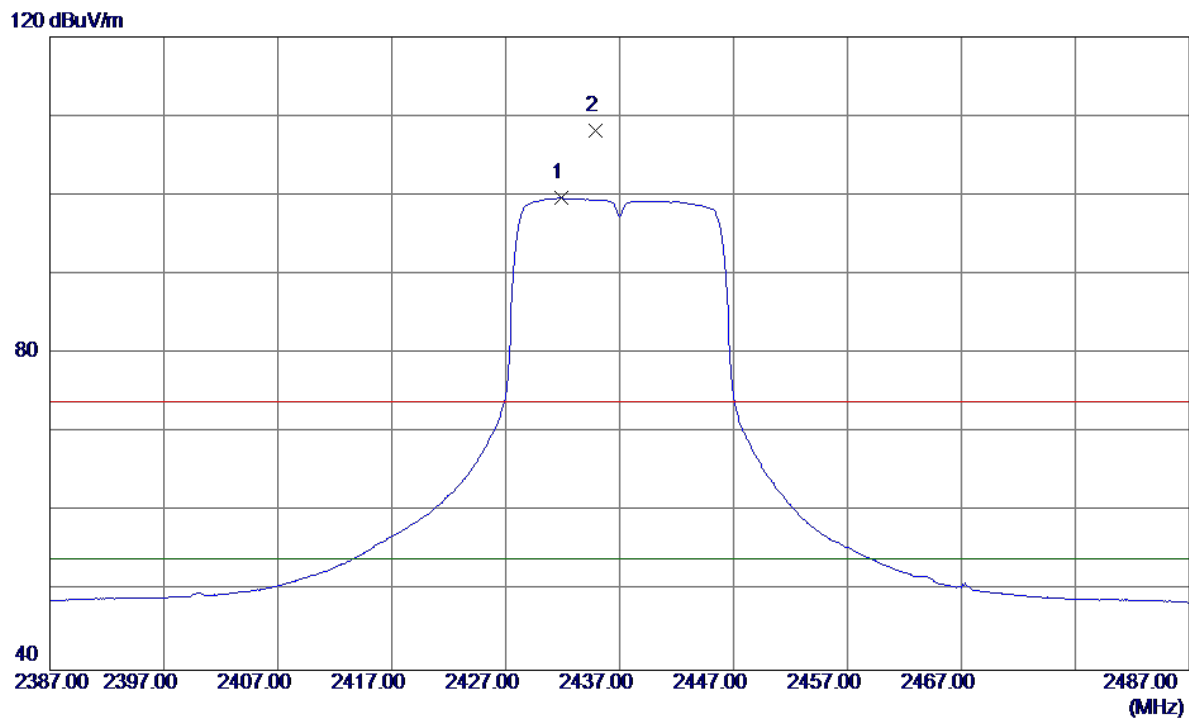
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4823.8500	36.28	-0.07	36.21	54.00	-17.79	AVG	
2	4828.2500	47.82	-0.06	47.76	74.00	-26.24	Peak	

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

Vertical

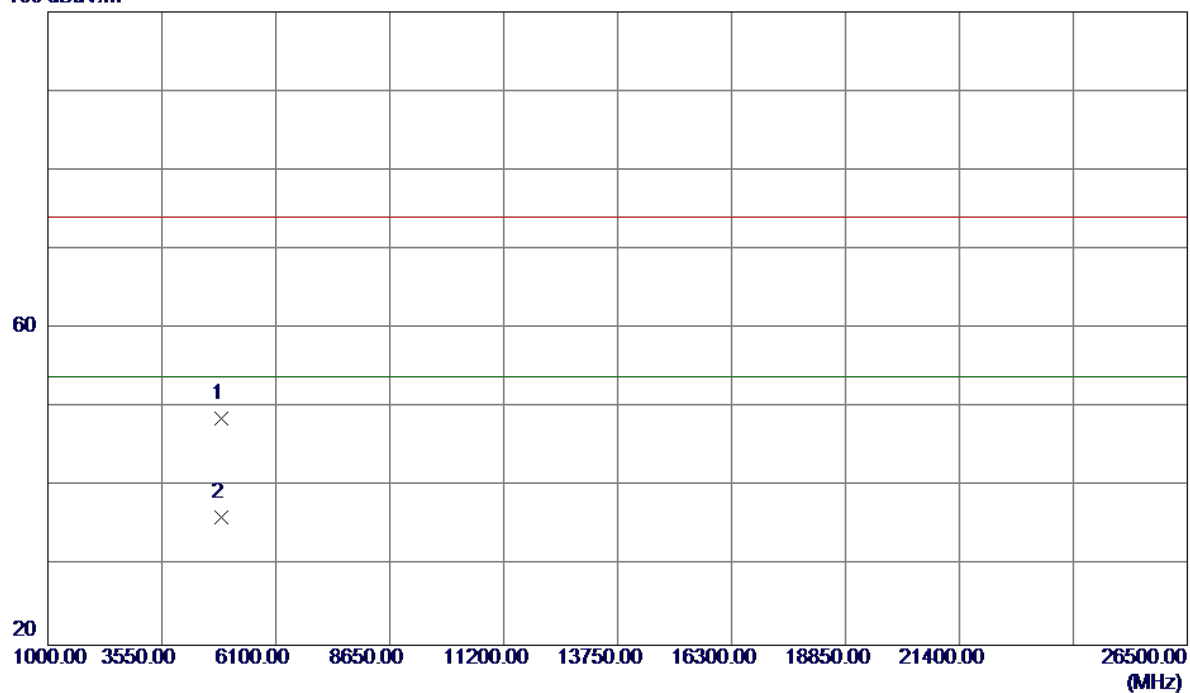


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2431.9000	70.69	28.95	99.64	54.00	45.64	AVG	No Limit
2	2434.9000	79.14	28.95	108.09	74.00	34.09	Peak	No Limit

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

Vertical

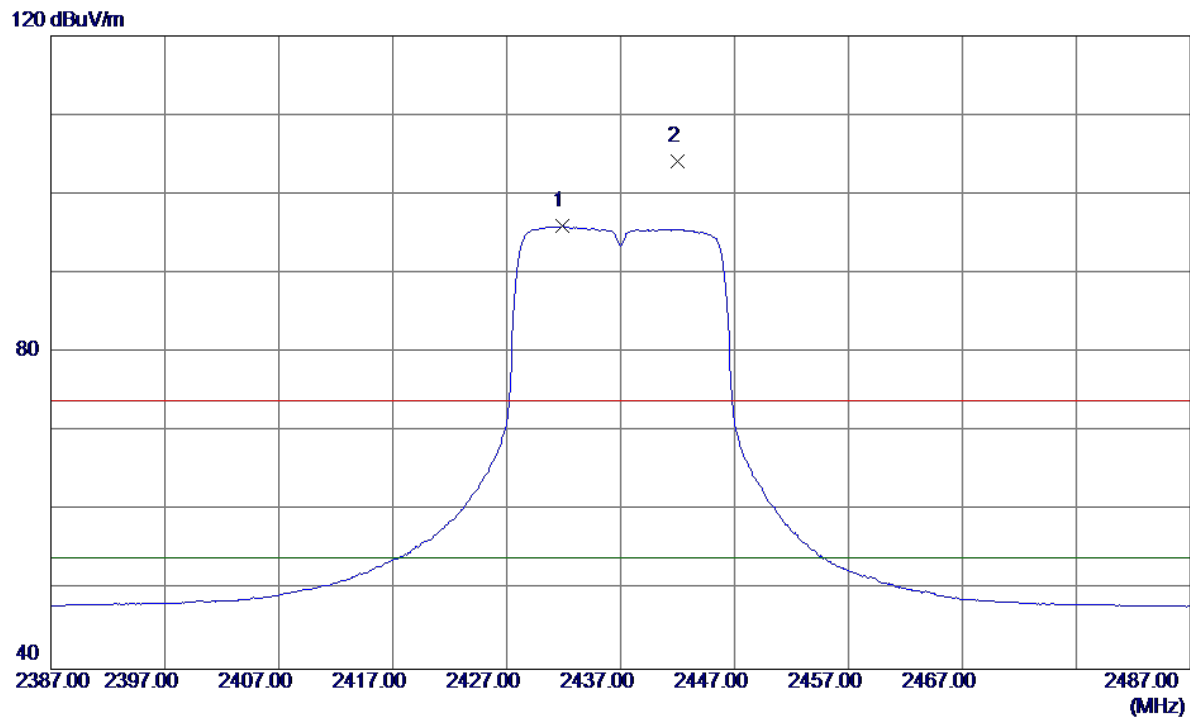
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4872.5000	48.62	0.04	48.66	74.00	-25.34	Peak	
2	4874.1000	36.18	0.05	36.23	54.00	-17.77	AVG	

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

Horizontal

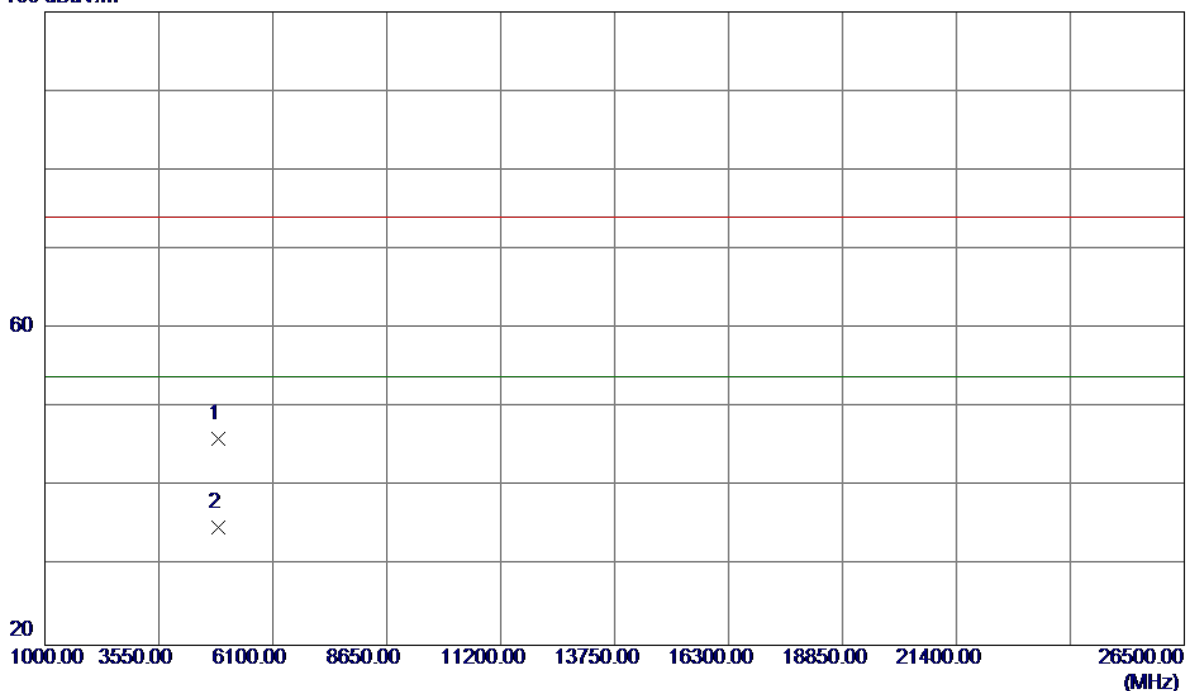


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2431.9000	62.54	33.50	96.04	54.00	42.04	AVG	No Limit
2	2442.0000	70.70	33.52	104.22	74.00	30.22	Peak	No Limit

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

Horizontal

100 dBuV/m

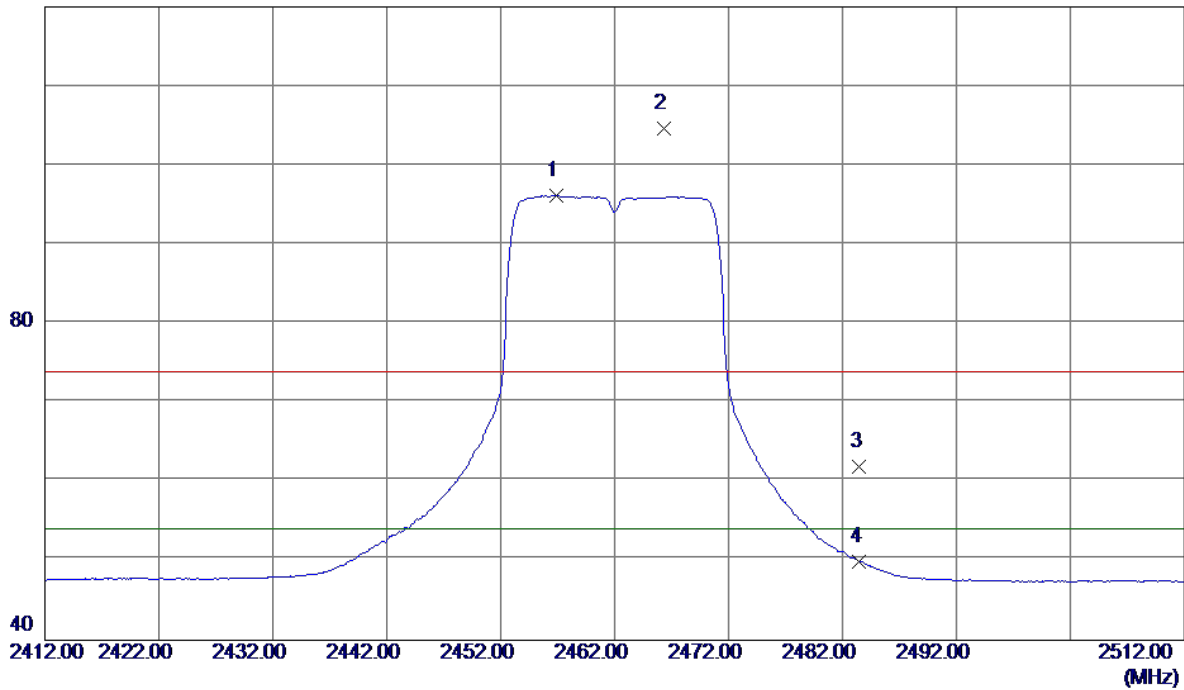


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4872.8000	46.10	0.04	46.14	74.00	-27.86	Peak	
2	4873.9000	34.86	0.05	34.91	54.00	-19.09	AVG	

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

Vertical

120 dBuV/m

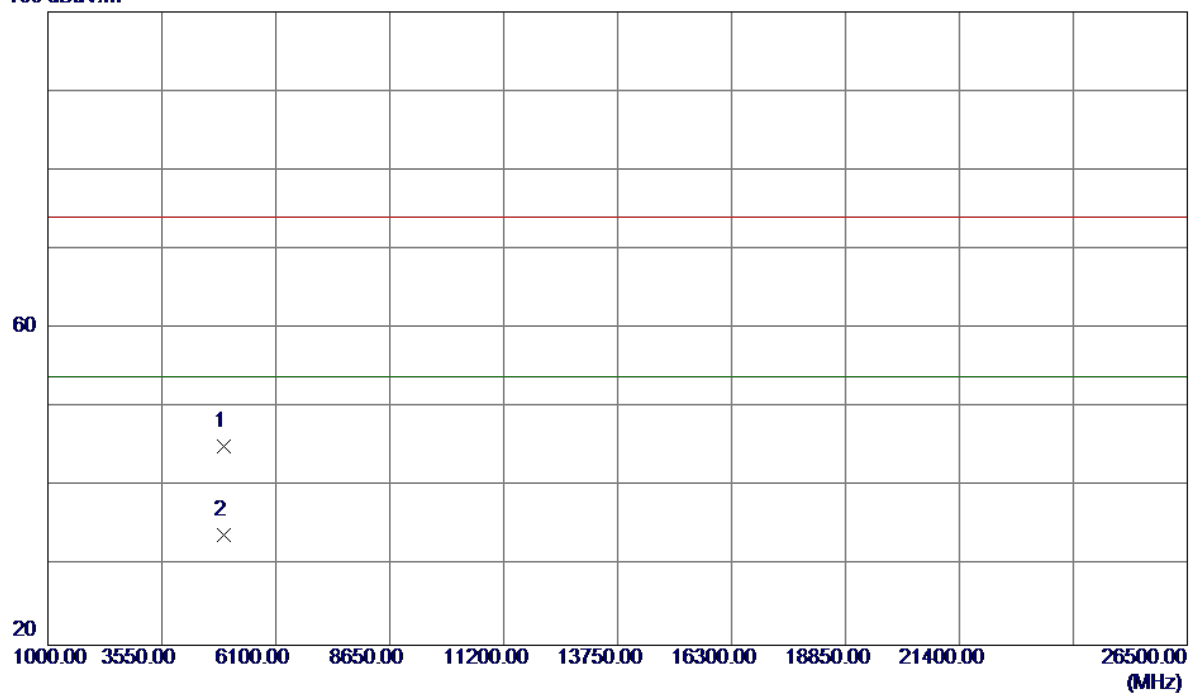


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2456.9000	67.18	28.97	96.15	54.00	42.15	AVG	No Limit
2	2466.3000	75.67	28.97	104.64	74.00	30.64	Peak	No Limit
3	2483.5000	32.97	28.99	61.96	74.00	-12.04	Peak	
4	2483.5000	20.95	28.99	49.94	54.00	-4.06	AVG	

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

Vertical

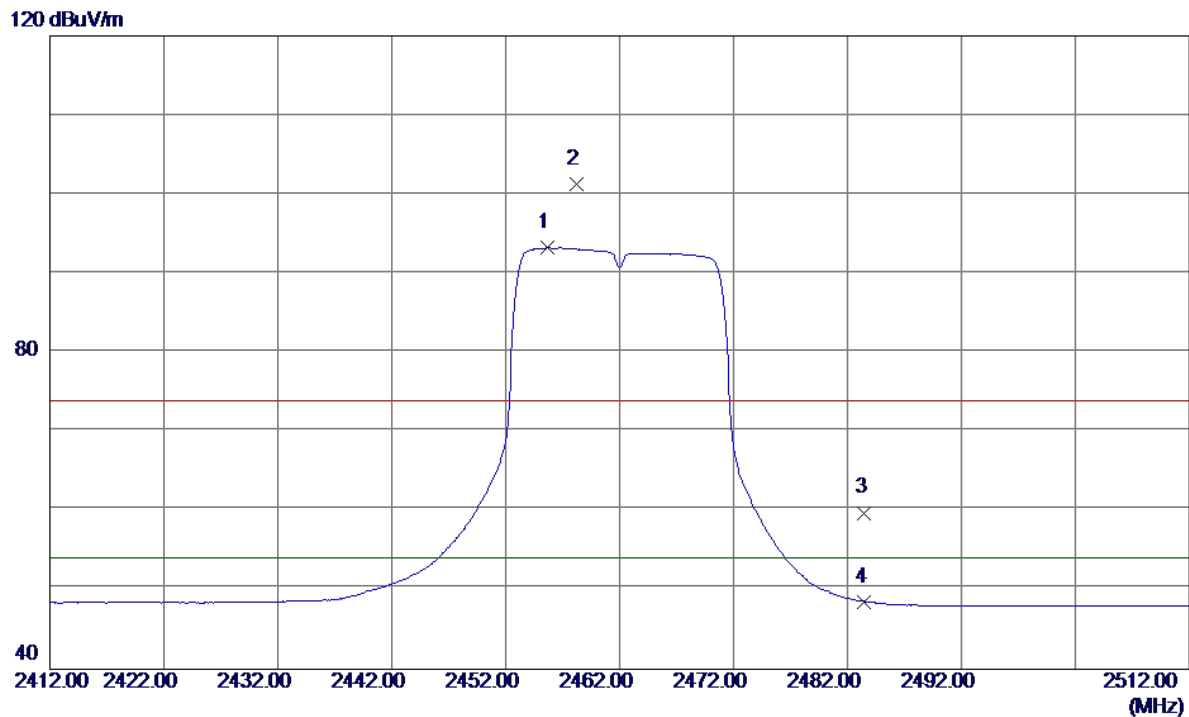
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4925.5000	44.96	0.17	45.13	74.00	-28.87	Peak	
2	4925.5000	33.82	0.17	33.99	54.00	-20.01	AVG	

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

Horizontal

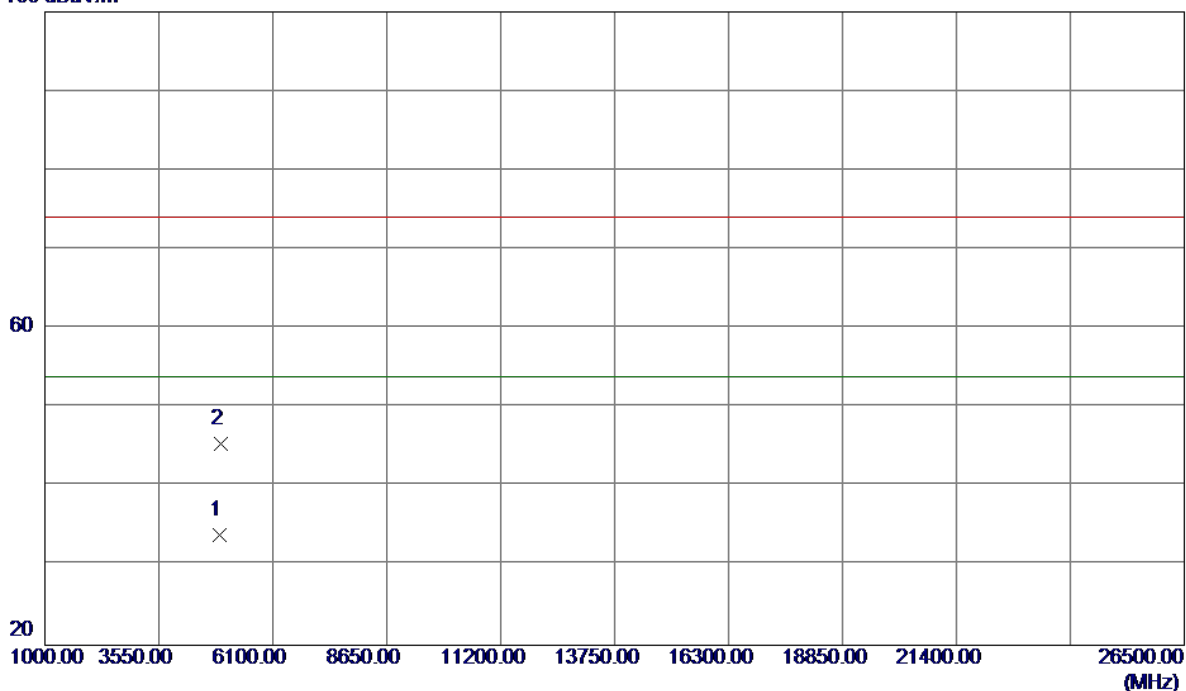


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2455.7000	59.69	33.54	93.23	54.00	39.23	AVG	No Limit
2	2458.2000	67.71	33.55	101.26	74.00	27.26	Peak	No Limit
3	2483.5000	26.17	33.59	59.76	74.00	-14.24	Peak	
4	2483.5000	14.95	33.59	48.54	54.00	-5.46	AVG	

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

Horizontal

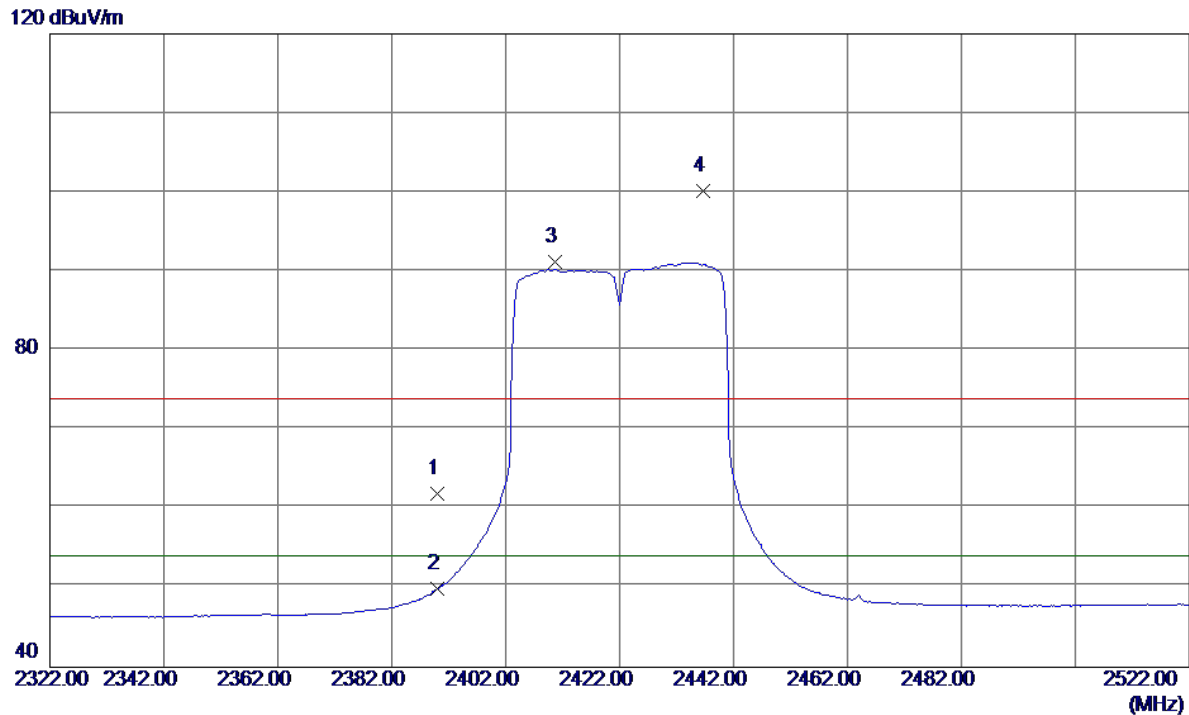
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4924.0500	33.71	0.16	33.87	54.00	-20.13	AVG	
2	4926.5000	45.34	0.17	45.51	74.00	-28.49	Peak	

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

Vertical

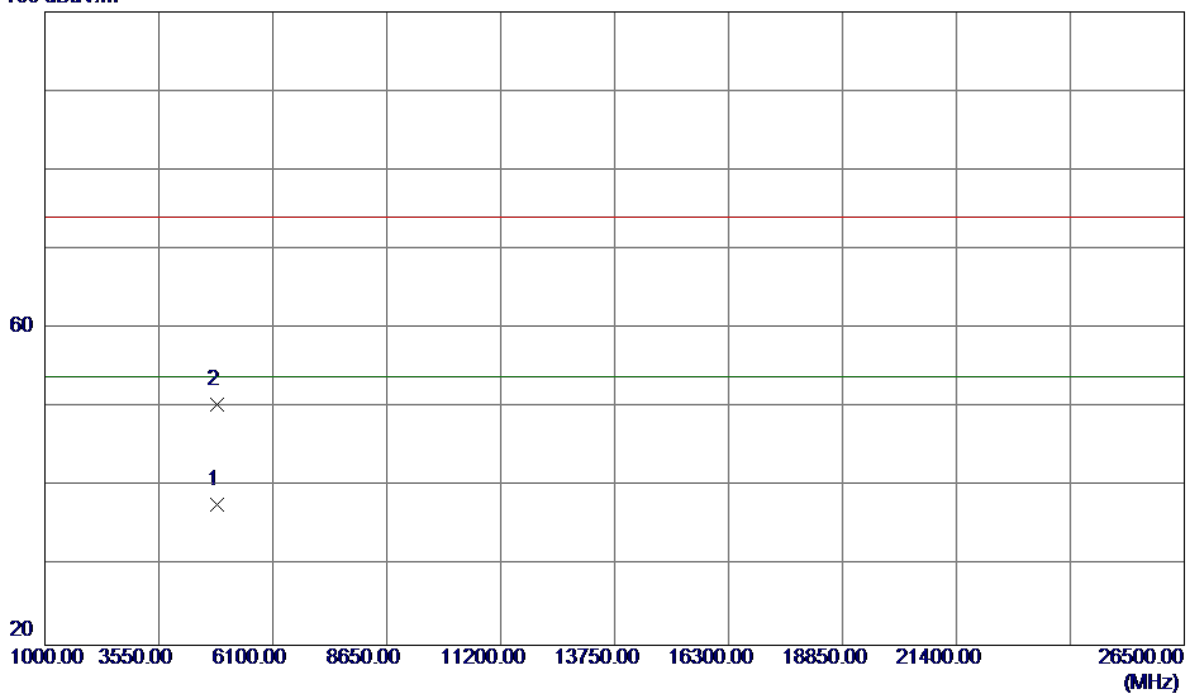


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	32.96	28.91	61.87	74.00	-12.13	Peak	
2	2390.0000	20.97	28.91	49.88	54.00	-4.12	AVG	
3	2410.6000	62.31	28.93	91.24	54.00	37.24	AVG	No Limit
4	2436.6000	71.22	28.95	100.17	74.00	26.17	Peak	No Limit

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

Vertical

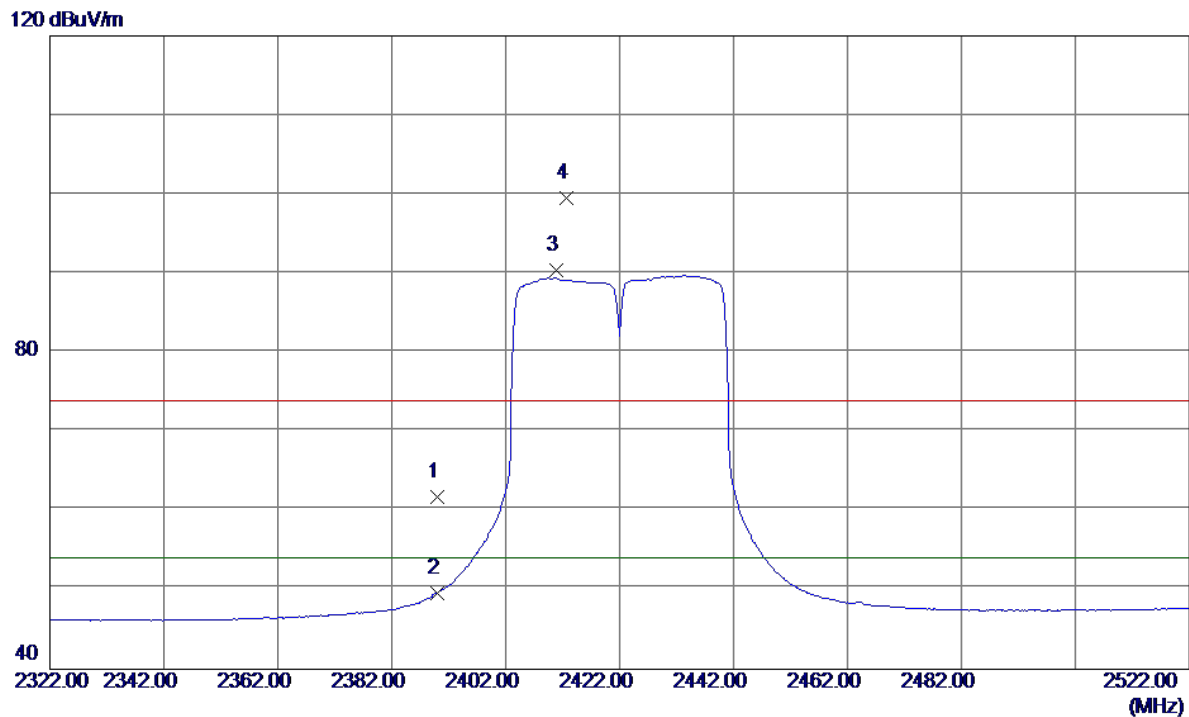
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4842.3000	37.72	-0.03	37.69	54.00	-16.31	AVG	
2	4842.4000	50.37	-0.03	50.34	74.00	-23.66	Peak	

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

Horizontal

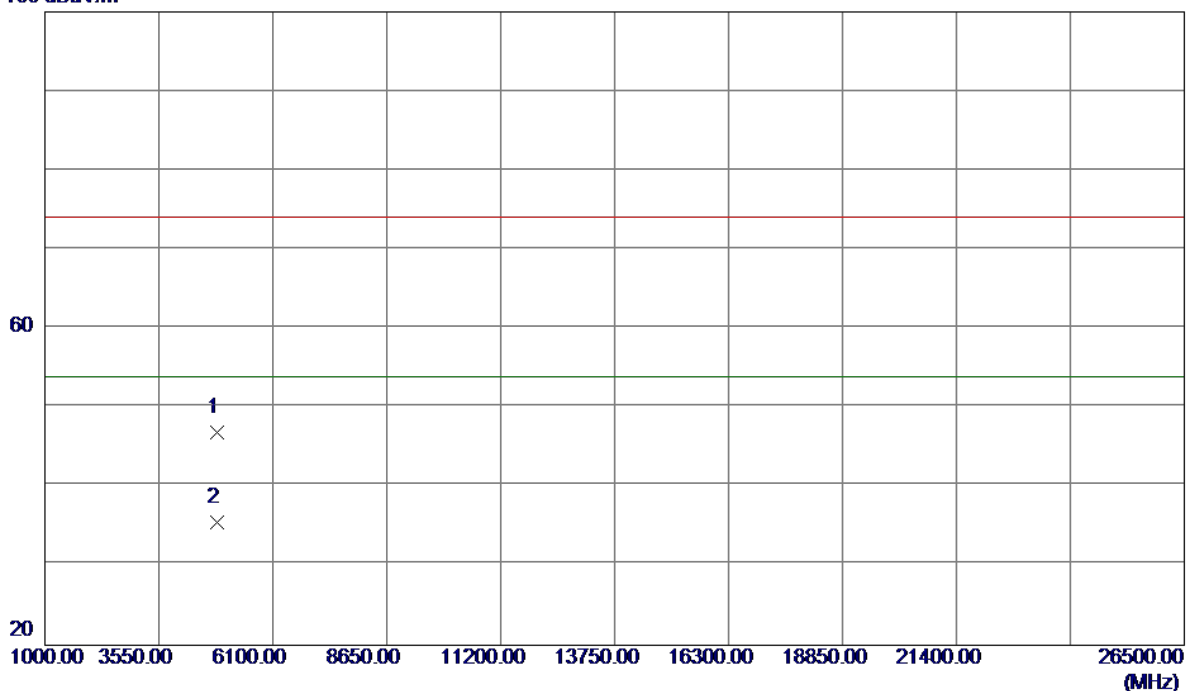


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2390.0000	28.34	33.43	61.77	74.00	-12.23	Peak	
2	2390.0000	16.22	33.43	49.65	54.00	-4.35	AVG	
3	2410.8000	56.95	33.47	90.42	54.00	36.42	AVG	No Limit
4	2412.6000	66.02	33.47	99.49	74.00	25.49	Peak	No Limit

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

Horizontal

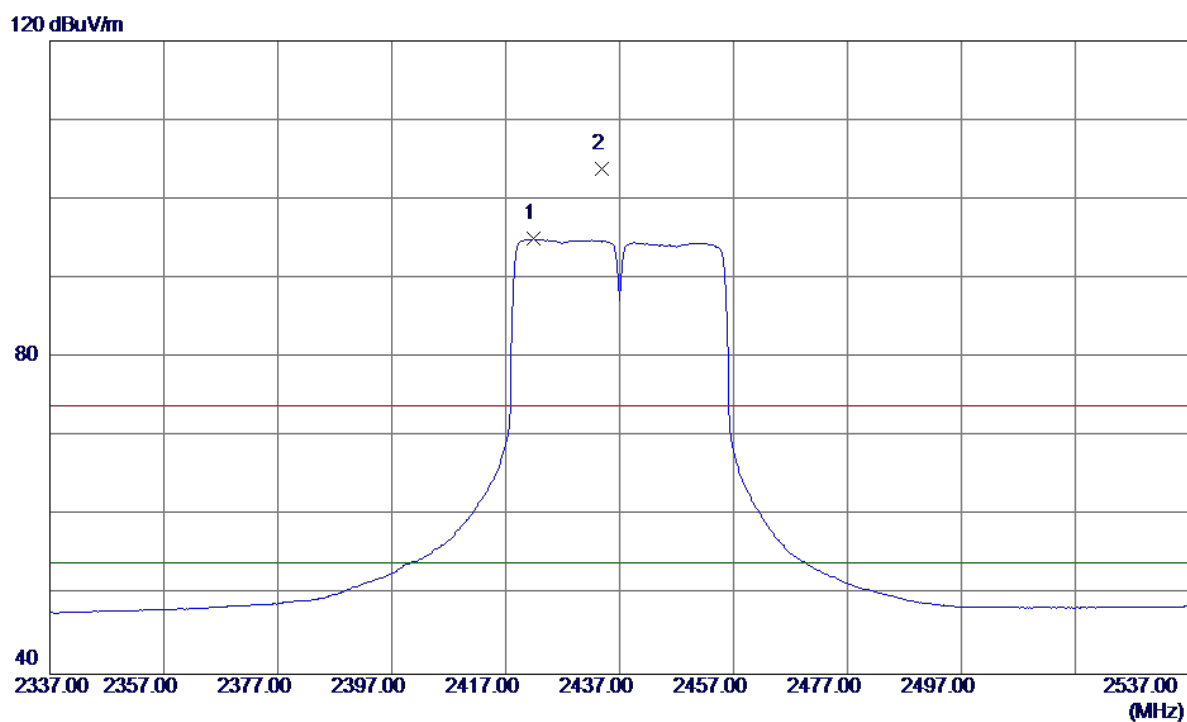
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.4000	46.85	-0.02	46.83	74.00	-27.17	Peak	
2	4843.9000	35.52	-0.02	35.50	54.00	-18.50	AVG	

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

Vertical

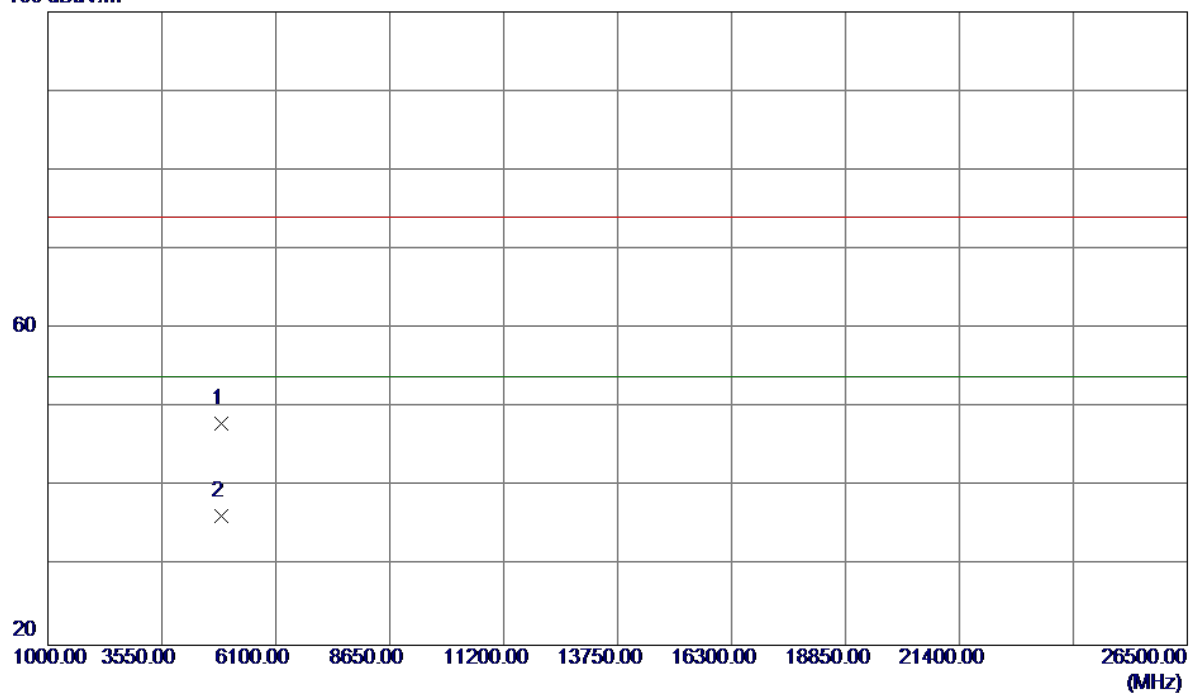


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2421.8000	66.03	28.94	94.97	54.00	40.97	AVG	No Limit
2	2433.8000	74.88	28.95	103.83	74.00	29.83	Peak	No Limit

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

Vertical

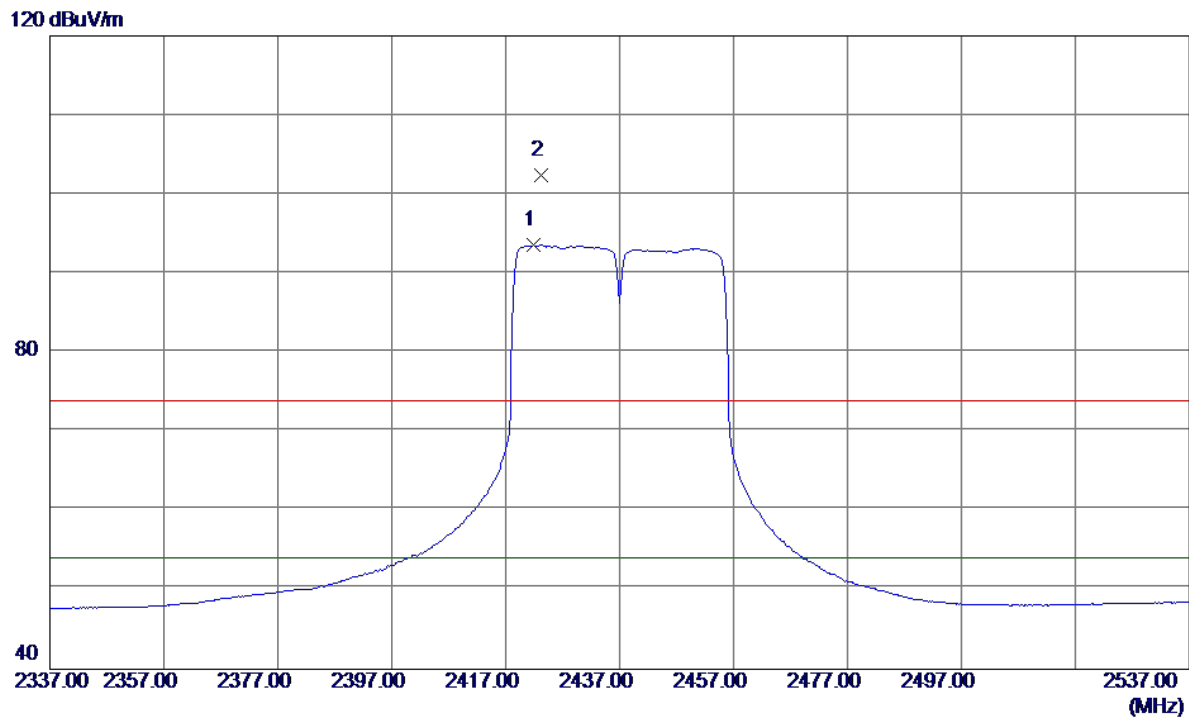
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4871.1000	48.02	0.04	48.06	74.00	-25.94	Peak	
2	4874.0000	36.27	0.05	36.32	54.00	-17.68	AVG	

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

Horizontal

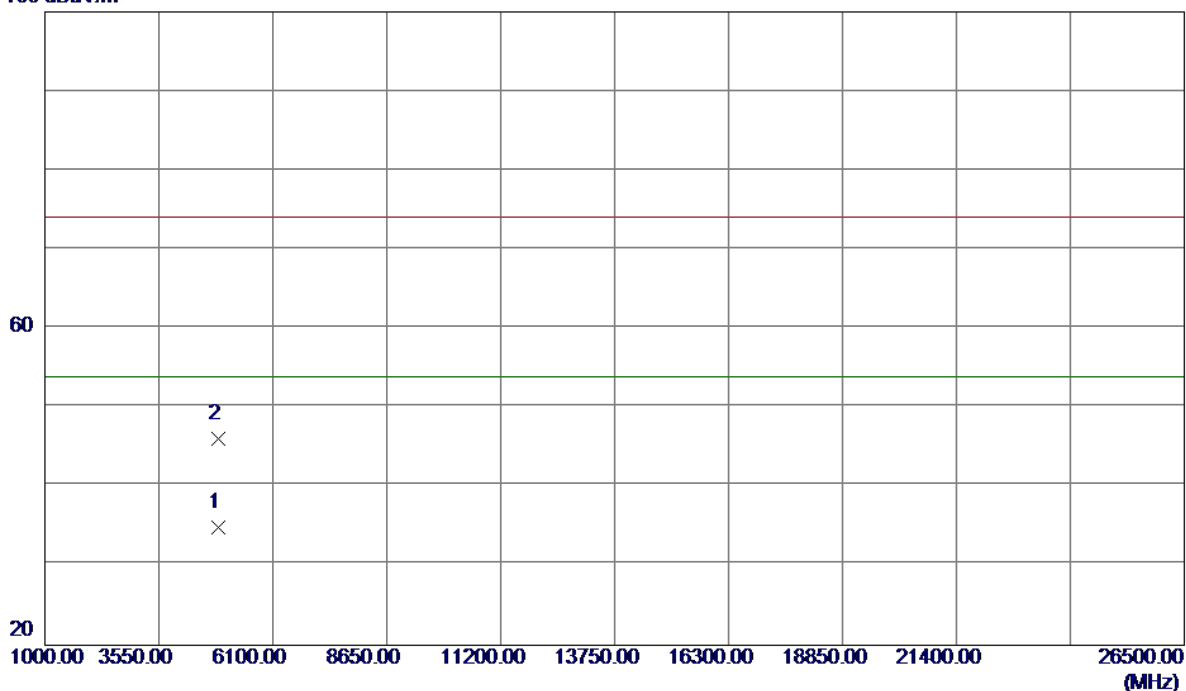


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2421.8000	60.09	33.49	93.58	54.00	39.58	AVG	No Limit
2	2423.2000	68.86	33.49	102.35	74.00	28.35	Peak	No Limit

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

Horizontal

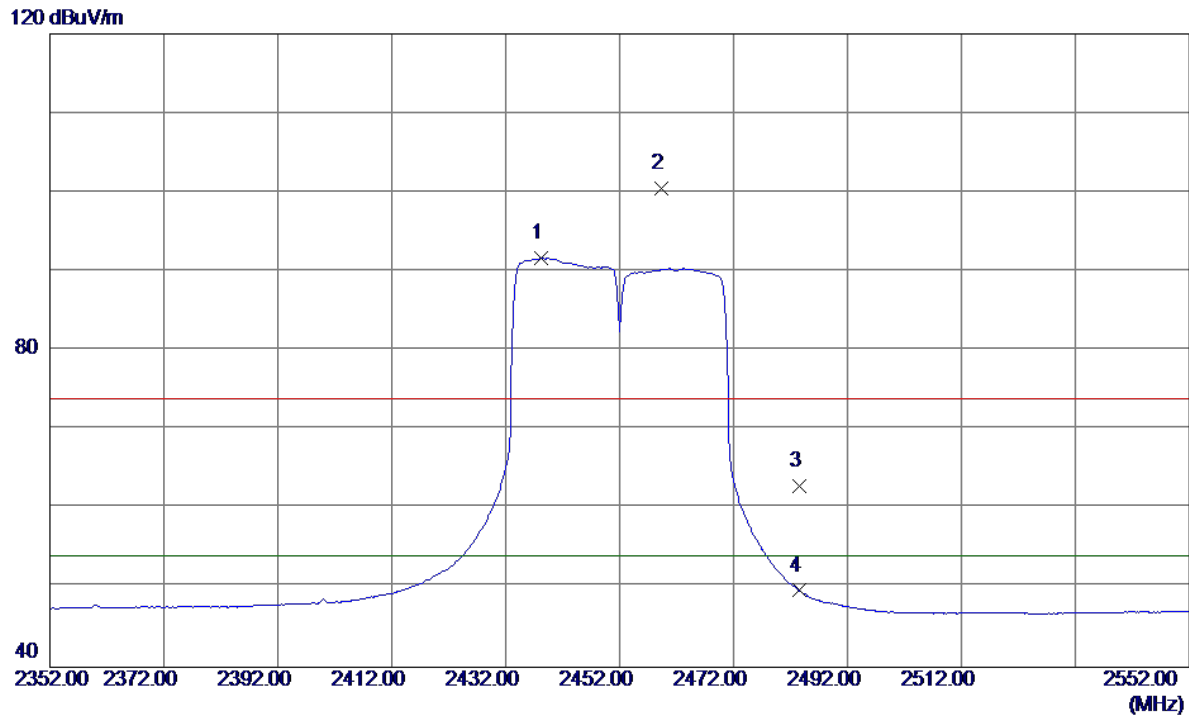
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4873.5000	34.83	0.05	34.88	54.00	-19.12	AVG	
2	4876.3000	46.09	0.05	46.14	74.00	-27.86	Peak	

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

Vertical

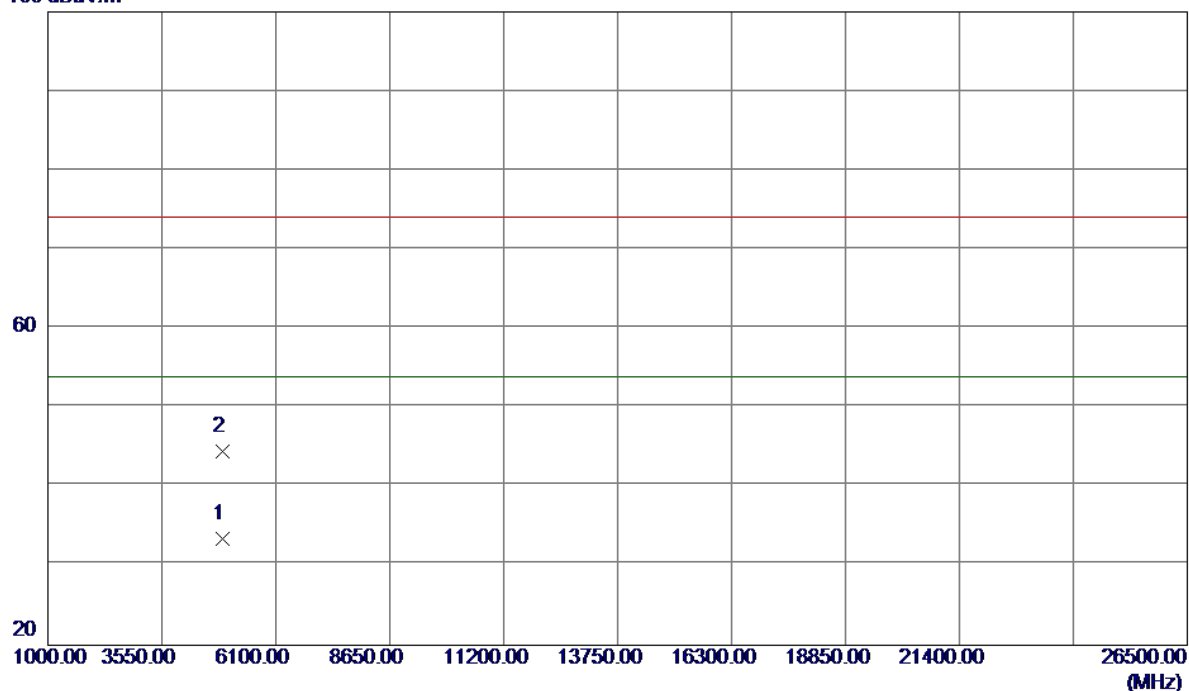


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2438.2000	62.73	28.95	91.68	54.00	37.68	AVG	No Limit
2	2459.4000	71.52	28.97	100.49	74.00	26.49	Peak	No Limit
3	2483.5000	33.89	28.99	62.88	74.00	-11.12	Peak	
4	2483.5000	20.69	28.99	49.68	54.00	-4.32	AVG	

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

Vertical

100 dBuV/m

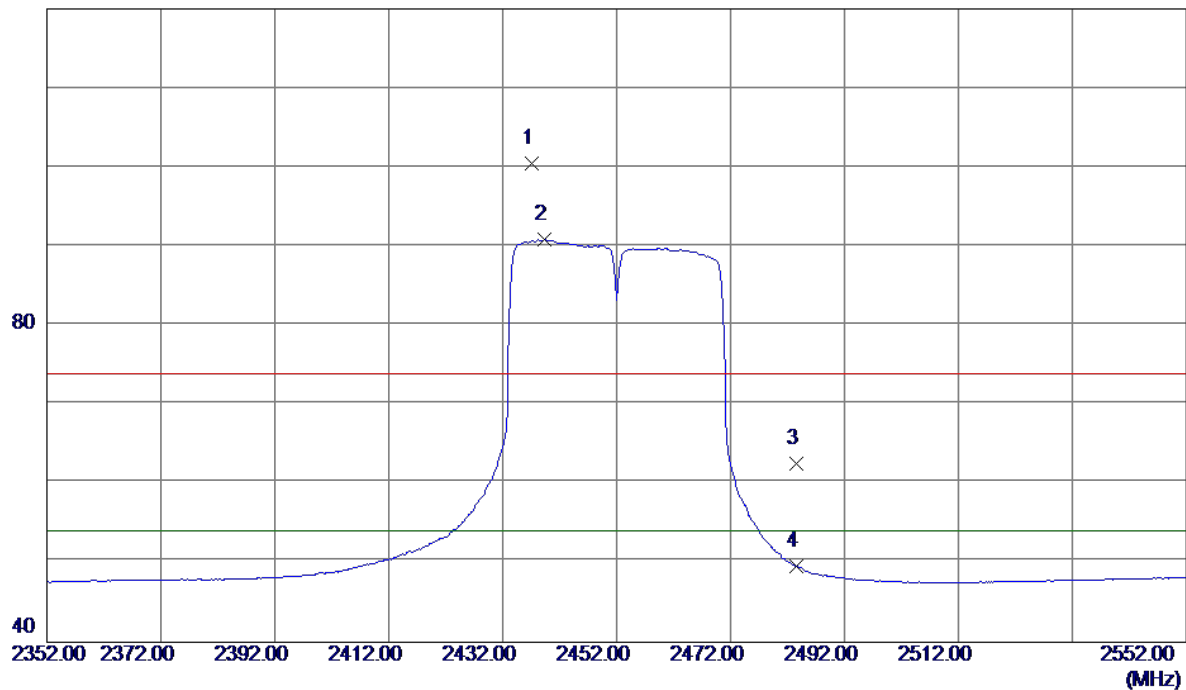


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4905.4000	33.39	0.12	33.51	54.00	-20.49	AVG	
2	4909.3000	44.37	0.13	44.50	74.00	-29.50	Peak	

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

Horizontal

120 dBuV/m

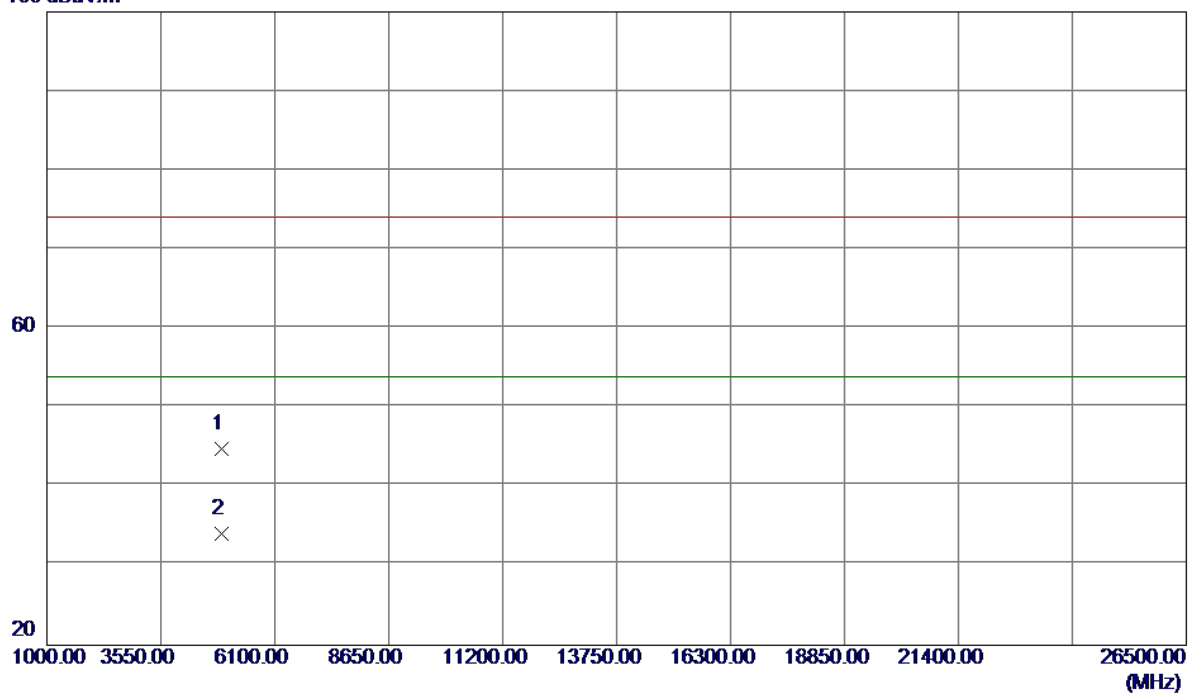


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	2437.2000	67.02	33.51	100.53	74.00	26.53	Peak	No Limit
2	2439.4000	57.32	33.52	90.84	54.00	36.84	AVG	No Limit
3	2483.5000	28.94	33.59	62.53	74.00	-11.47	Peak	
4	2483.5000	15.97	33.59	49.56	54.00	-4.44	AVG	

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

Horizontal

100 dBuV/m



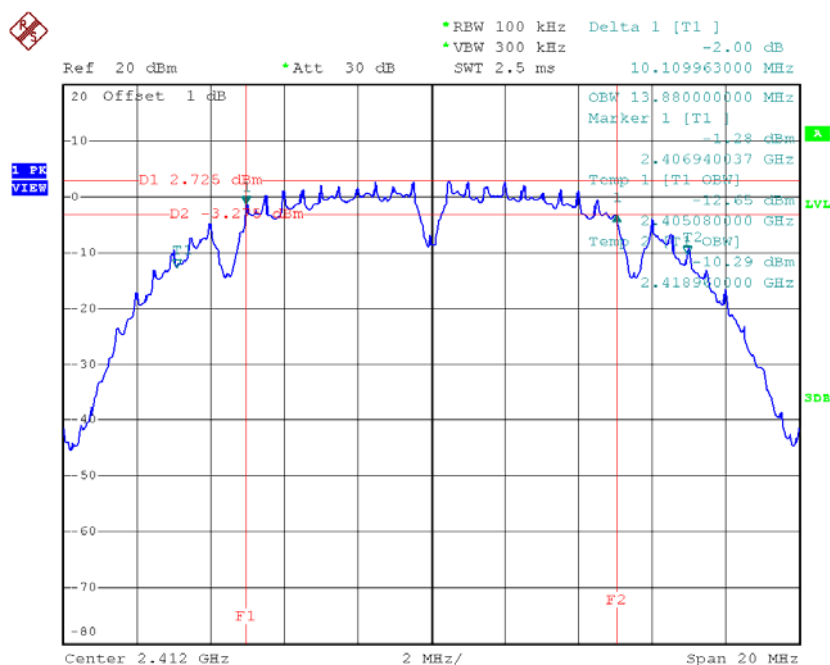
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	4901.6000	44.74	0.11	44.85	74.00	-29.15	Peak	
2	4909.4000	33.92	0.13	34.05	54.00	-19.95	AVG	

ATTACHMENT E - BANDWIDTH

Test Mode : TX B Mode_CH01/06/11

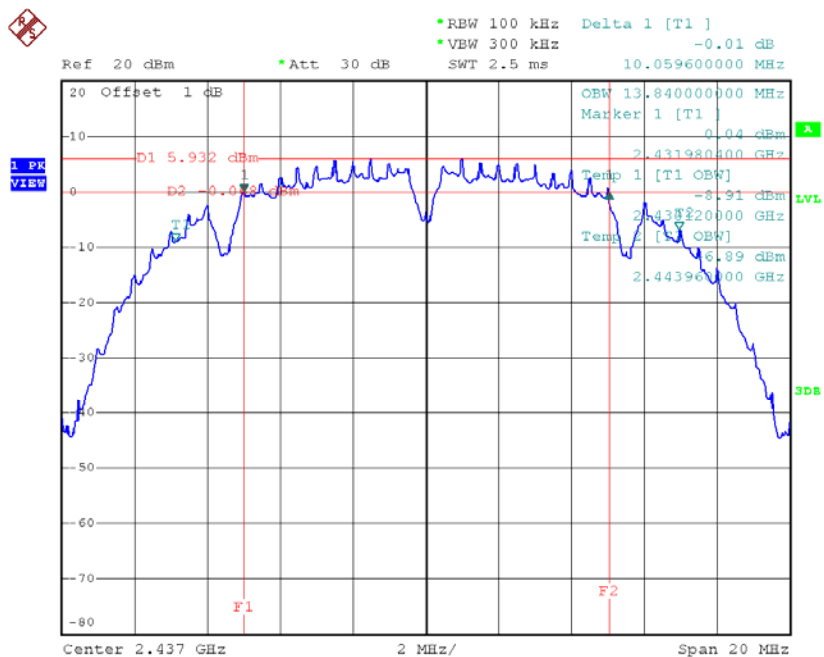
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.11	13.88	500	Complies
2437	10.06	13.84	500	Complies
2462	10.10	13.88	500	Complies

TX CH01



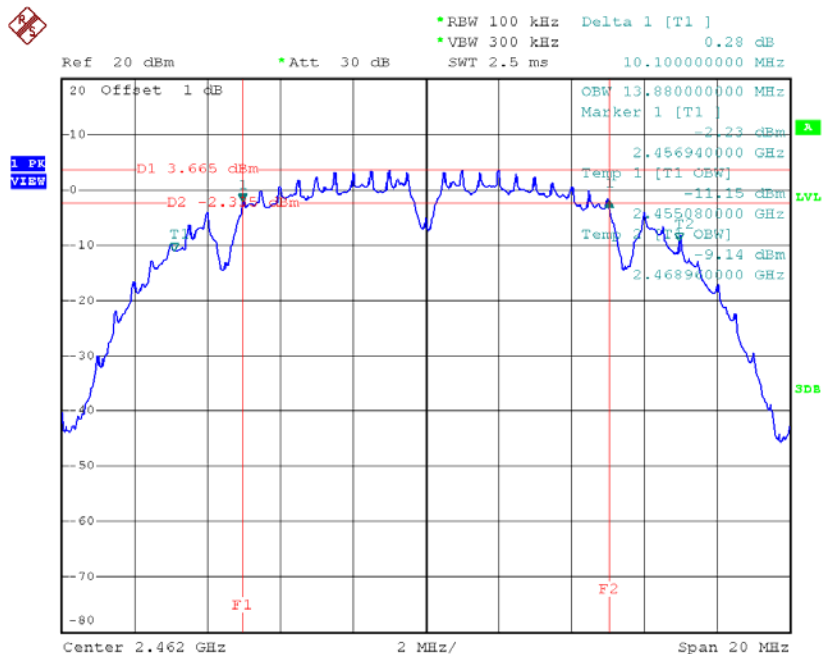
Date: 20.JUL.2015 10:11:30

TX CH06



Date: 20.JUL.2015 10:13:28

TX CH11

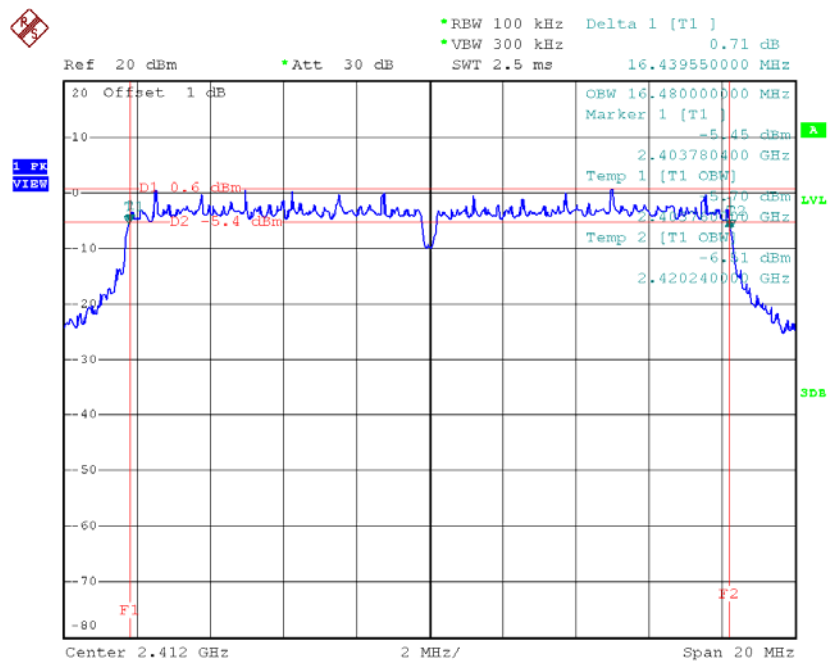


Date: 20.JUL.2015 10:14:48

Test Mode: TX G Mode_CH01/06/11

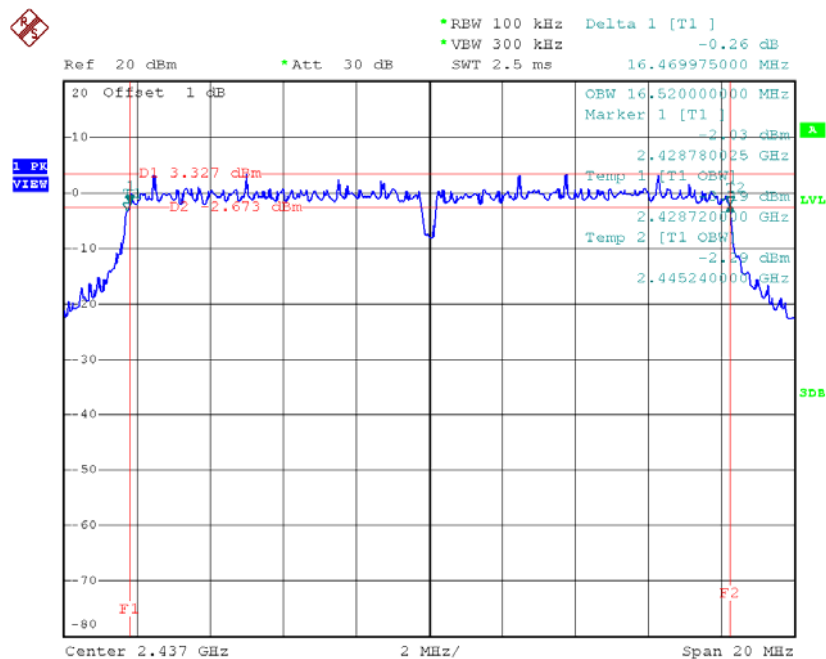
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.44	16.48	500	Complies
2437	16.47	16.52	500	Complies
2462	16.48	16.52	500	Complies

TX CH01



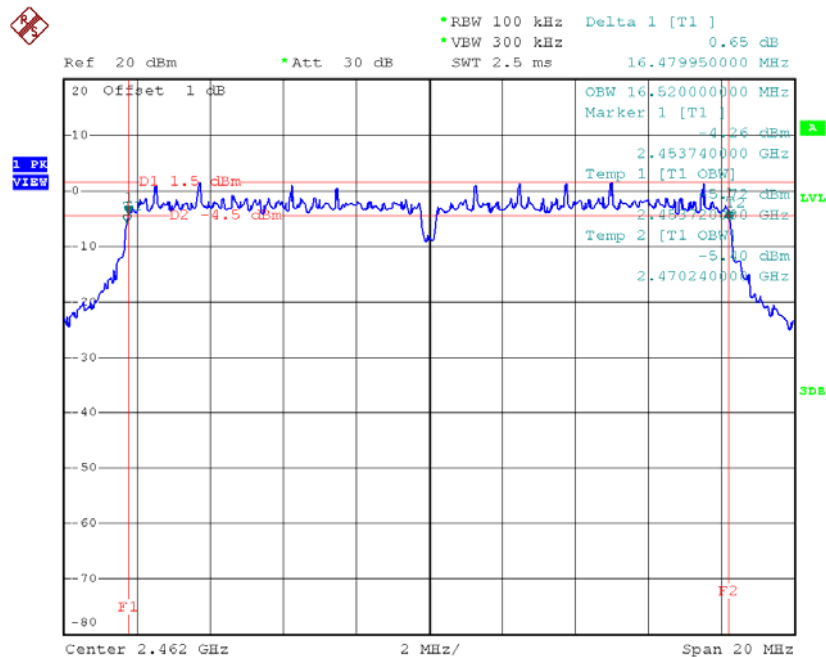
Date: 20.JUL.2015 10:16:06

TX CH06



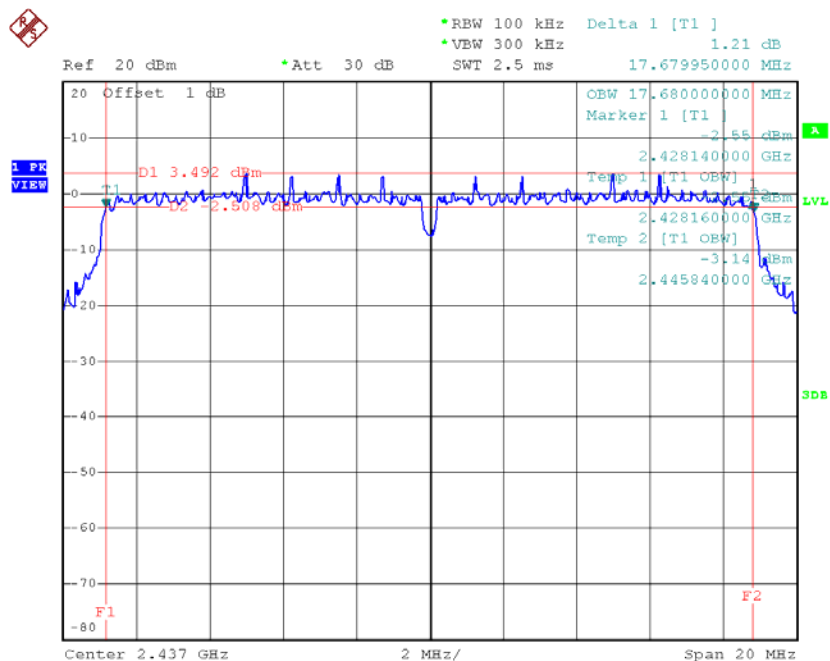
Date: 20.JUL.2015 10:17:37

TX CH11



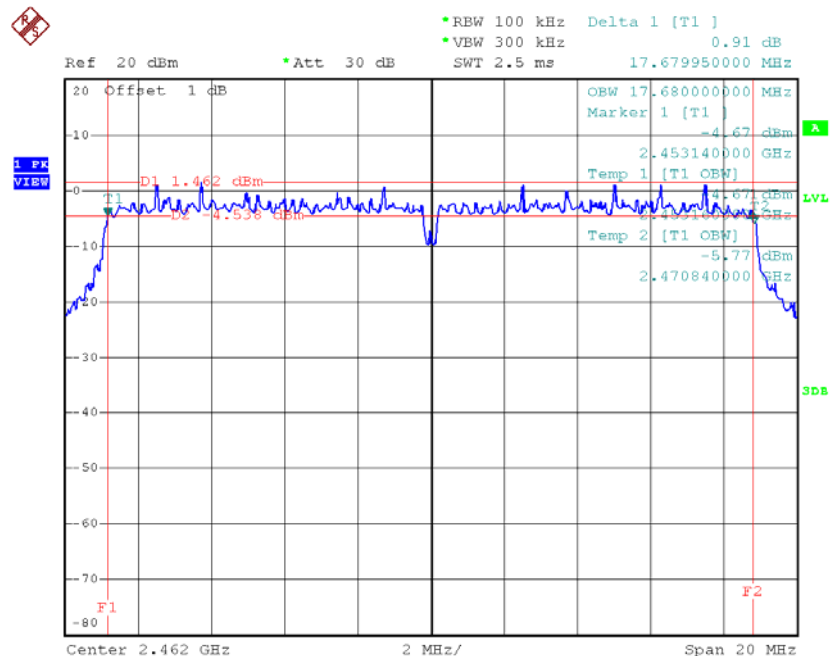
Date: 20.JUL.2015 10:18:56

TX CH06



Date: 20.JUL.2015 10:24:17

TX CH11

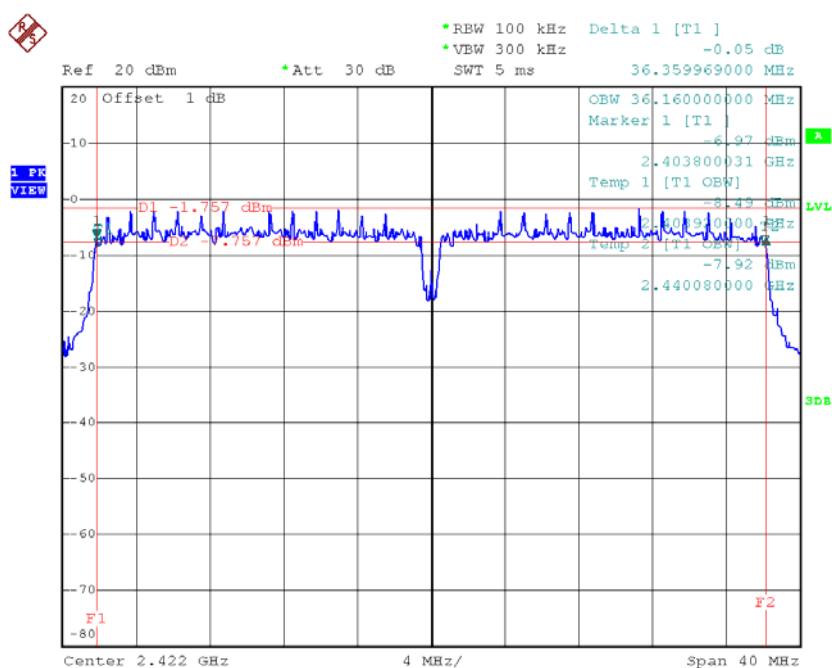


Date: 20.JUL.2015 10:25:24

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

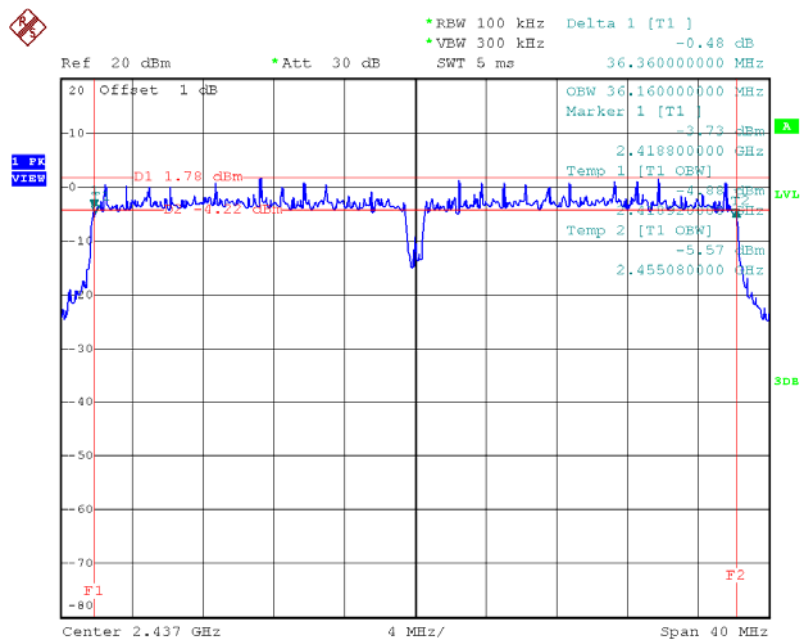
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.36	36.16	500	Complies
2437	36.36	36.16	500	Complies
2452	36.52	36.24	500	Complies

TX CH03



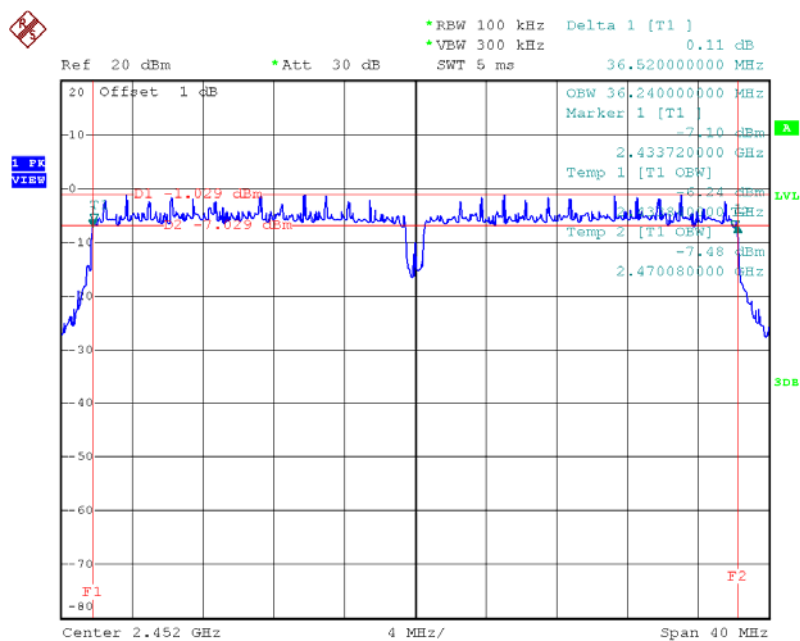
Date: 20.JUL.2015 10:27:19

TX CH06



Date: 20.JUL.2015 10:28:22

TX CH09



Date: 20.JUL.2015 10:29:24

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	15.42	0.03	30.00	1.00	Complies
2437	16.87	0.05	30.00	1.00	Complies
2462	15.15	0.03	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.79	0.12	30.00	1.00	Complies
2437	21.19	0.13	30.00	1.00	Complies
2462	20.27	0.11	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	21.39	0.14	30.00	1.00	Complies
2437	22.20	0.17	30.00	1.00	Complies
2462	19.27	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	20.31	0.11	30.00	1.00	Complies
2437	21.48	0.14	30.00	1.00	Complies
2452	19.12	0.08	30.00	1.00	Complies

For 2TX

Test Mode :TX B Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	11.92	0.02	30.00	1.00	Complies
2437	13.67	0.02	30.00	1.00	Complies
2462	12.24	0.02	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	12.90	0.02	30.00	1.00	Complies
2437	14.51	0.03	30.00	1.00	Complies
2462	12.76	0.02	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	16.02	0.04	30.00	1.00	Complies
2437	16.99	0.05	30.00	1.00	Complies
2462	16.02	0.04	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	16.24	0.04	30.00	1.00	Complies
2437	20.15	0.10	30.00	1.00	Complies
2462	19.17	0.08	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	17.58	0.06	30.00	1.00	Complies
2437	20.38	0.11	30.00	1.00	Complies
2462	17.47	0.06	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	20.00	0.10	30.00	1.00	Complies
2437	23.22	0.21	30.00	1.00	Complies
2462	21.46	0.14	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	17.54	0.06	30.00	1.00	Complies
2437	19.58	0.09	30.00	1.00	Complies
2462	18.14	0.07	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	17.51	0.06	30.00	1.00	Complies
2437	20.68	0.12	30.00	1.00	Complies
2462	17.47	0.06	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	20.79	0.12	30.00	1.00	Complies
2437	23.22	0.21	30.00	1.00	Complies
2462	21.14	0.13	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	18.54	0.07	30.00	1.00	Complies
2437	20.57	0.11	30.00	1.00	Complies
2452	17.27	0.05	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	17.52	0.06	30.00	1.00	Complies
2437	21.18	0.13	30.00	1.00	Complies
2452	18.24	0.07	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	21.14	0.13	30.00	1.00	Complies
2437	23.80	0.24	30.00	1.00	Complies
2452	20.79	0.12	30.00	1.00	Complies

For 3TX

Test Mode :TX B Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.38	0.01	30.00	1.00	Complies
2437	11.42	0.01	30.00	1.00	Complies
2462	9.90	0.01	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.42	0.01	30.00	1.00	Complies
2437	12.37	0.02	30.00	1.00	Complies
2462	9.28	0.01	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_ANT C					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.35	0.01	30.00	1.00	Complies
2437	12.62	0.02	30.00	1.00	Complies
2462	9.24	0.01	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	14.77	0.03	30.00	1.00	Complies
2437	16.99	0.05	30.00	1.00	Complies
2462	14.77	0.03	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.17	0.03	30.00	1.00	Complies
2437	18.21	0.07	30.00	1.00	Complies
2462	15.05	0.03	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.24	0.03	30.00	1.00	Complies
2437	18.14	0.07	30.00	1.00	Complies
2462	15.96	0.04	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT C					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.50	0.04	30.00	1.00	Complies
2437	18.69	0.07	30.00	1.00	Complies
2462	15.23	0.03	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	20.00	0.10	30.00	1.00	Complies
2437	23.22	0.21	30.00	1.00	Complies
2462	20.00	0.10	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.46	0.04	30.00	1.00	Complies
2437	18.39	0.07	30.00	1.00	Complies
2462	15.17	0.03	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.53	0.04	30.00	1.00	Complies
2437	18.21	0.07	30.00	1.00	Complies
2462	15.63	0.04	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT C					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	15.08	0.03	30.00	1.00	Complies
2437	18.12	0.06	30.00	1.00	Complies
2462	15.27	0.03	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	20.41	0.11	30.00	1.00	Complies
2437	23.01	0.20	30.00	1.00	Complies
2462	20.00	0.10	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	15.28	0.03	30.00	1.00	Complies
2437	18.59	0.07	30.00	1.00	Complies
2452	15.36	0.03	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	15.70	0.04	30.00	1.00	Complies
2437	18.16	0.07	30.00	1.00	Complies
2452	15.24	0.03	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT C					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	15.69	0.04	30.00	1.00	Complies
2437	18.92	0.08	30.00	1.00	Complies
2452	15.43	0.03	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	20.41	0.11	30.00	1.00	Complies
2437	23.42	0.22	30.00	1.00	Complies
2452	19.54	0.09	30.00	1.00	Complies

For 2TX with Beamforming

Test Mode :TX N20 Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	13.16	0.02	30.00	1.00	Complies
2437	14.96	0.03	30.00	1.00	Complies
2462	13.27	0.02	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	13.57	0.02	30.00	1.00	Complies
2437	14.46	0.03	30.00	1.00	Complies
2462	13.69	0.02	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	16.38	0.04	30.00	1.00	Complies
2437	17.73	0.06	30.00	1.00	Complies
2462	16.50	0.04	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	13.17	0.02	30.00	1.00	Complies
2437	14.26	0.03	30.00	1.00	Complies
2452	13.68	0.02	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	13.59	0.02	30.00	1.00	Complies
2437	14.85	0.03	30.00	1.00	Complies
2452	13.08	0.02	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	16.40	0.04	30.00	1.00	Complies
2437	17.58	0.06	30.00	1.00	Complies
2452	16.40	0.04	30.00	1.00	Complies

For 3TX with Beamforming

Test Mode :TX N20 Mode_CH01/06/11_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	11.19	0.01	30.00	1.00	Complies
2437	13.46	0.02	30.00	1.00	Complies
2462	11.47	0.01	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	11.13	0.01	30.00	1.00	Complies
2437	13.47	0.02	30.00	1.00	Complies
2462	11.04	0.01	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT C					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	11.97	0.02	30.00	1.00	Complies
2437	13.85	0.02	30.00	1.00	Complies
2462	11.03	0.01	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	16.22	0.04	30.00	1.00	Complies
2437	18.37	0.07	30.00	1.00	Complies
2462	15.96	0.04	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT A					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	11.09	0.01	30.00	1.00	Complies
2437	13.52	0.02	30.00	1.00	Complies
2452	11.59	0.01	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT B					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	11.17	0.01	30.00	1.00	Complies
2437	13.31	0.02	30.00	1.00	Complies
2452	11.47	0.01	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT C					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	11.07	0.01	30.00	1.00	Complies
2437	12.99	0.02	30.00	1.00	Complies
2452	11.01	0.01	30.00	1.00	Complies

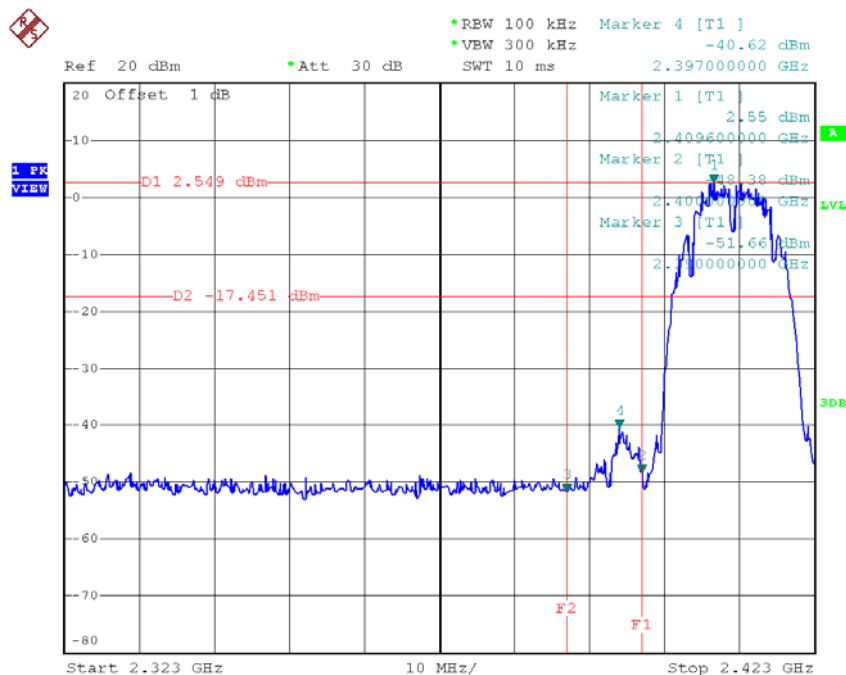
Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	15.88	0.04	30.00	1.00	Complies
2437	18.05	0.06	30.00	1.00	Complies
2452	16.13	0.04	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

For 1TX

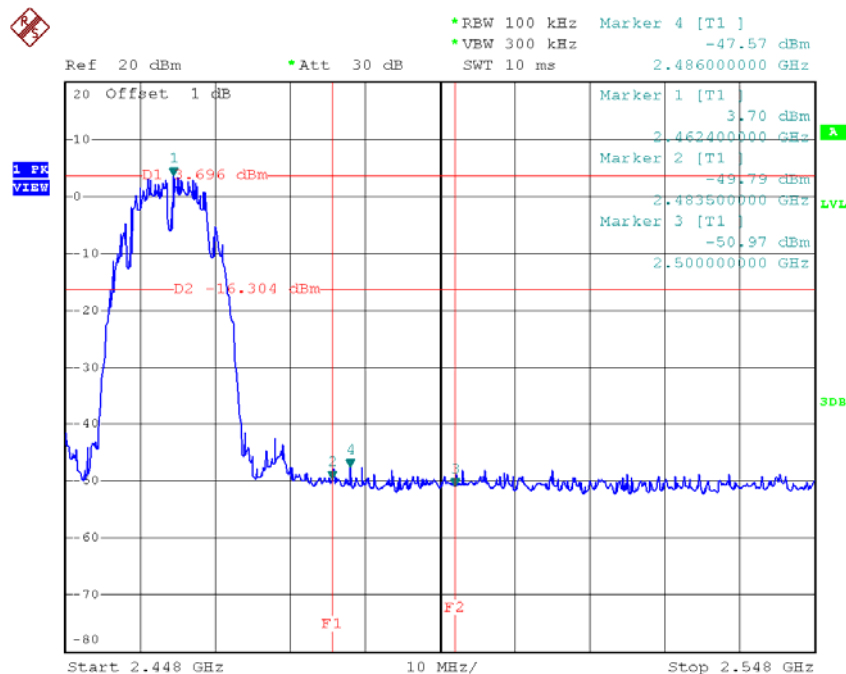
Test Mode :	TX B Mode
-------------	-----------

TX B mode CH01



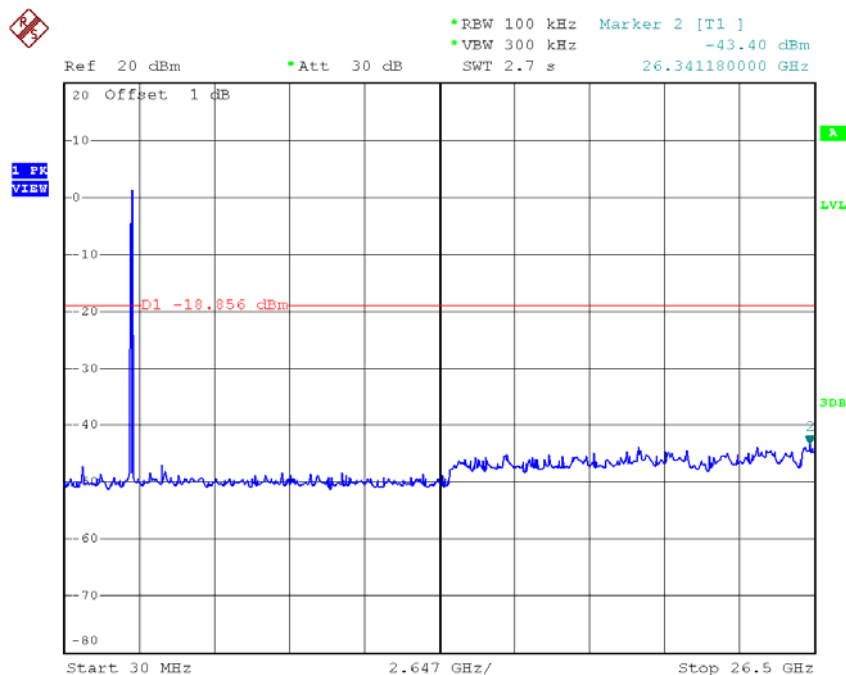
Date: 20.JUL.2015 10:11:52

TX B mode CH11



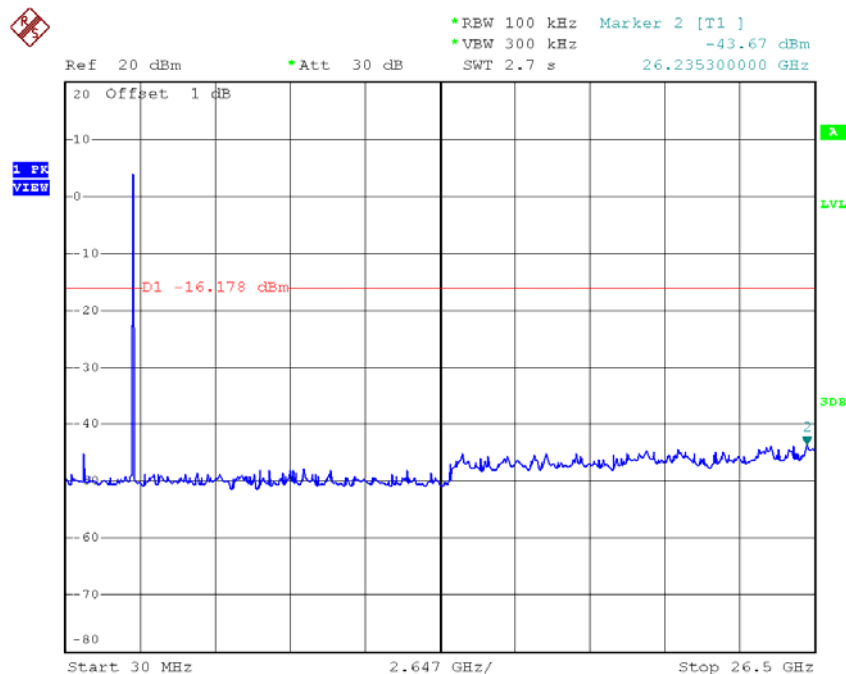
Date: 20.JUL.2015 10:15:10

TX B mode CH01 (10 Harmonic of the frequency)



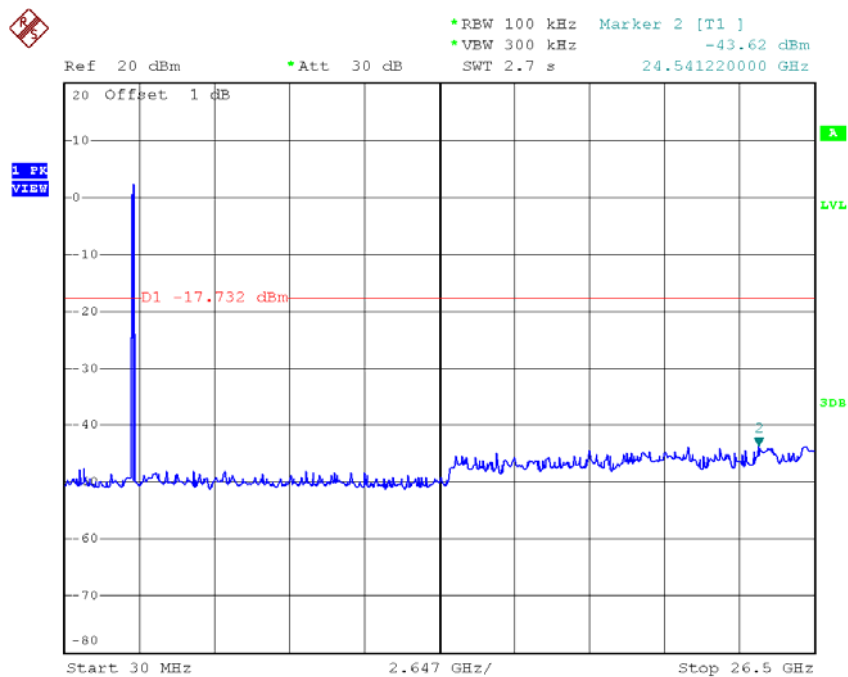
Date: 20.JUL.2015 10:11:44

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:13:42

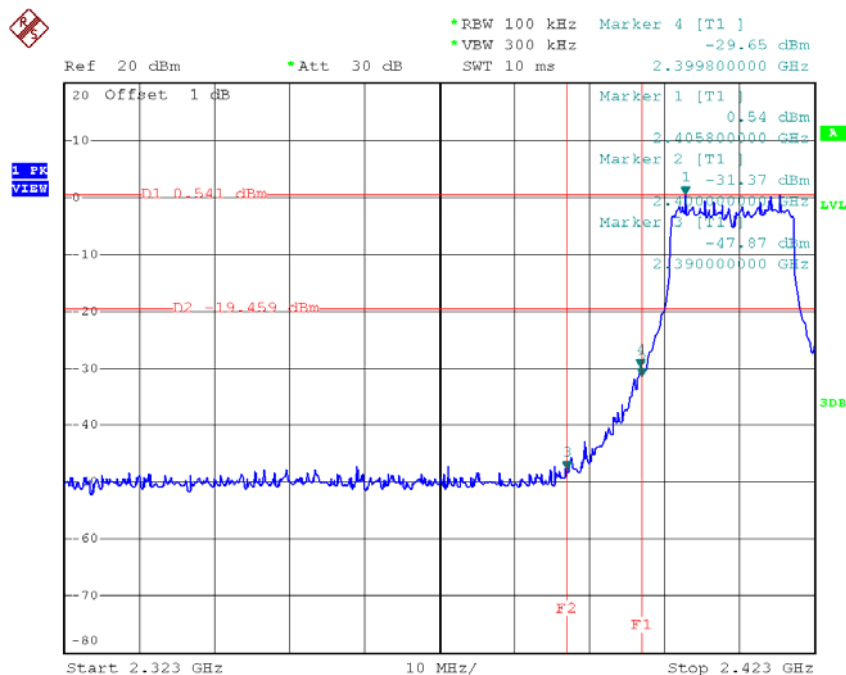
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:15:03

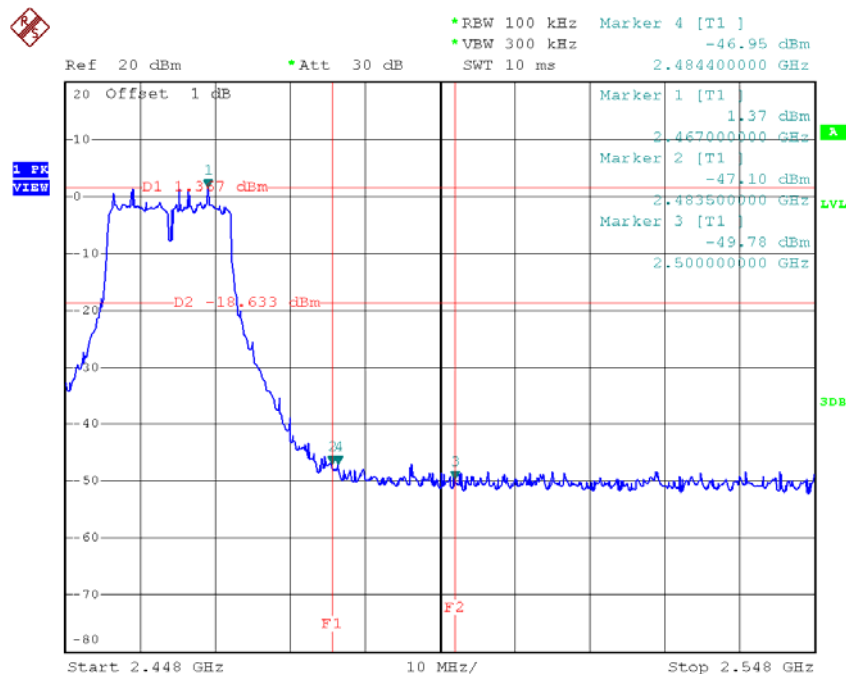
Test Mode :	TX G Mode
--------------------	------------------

TX G mode CH01



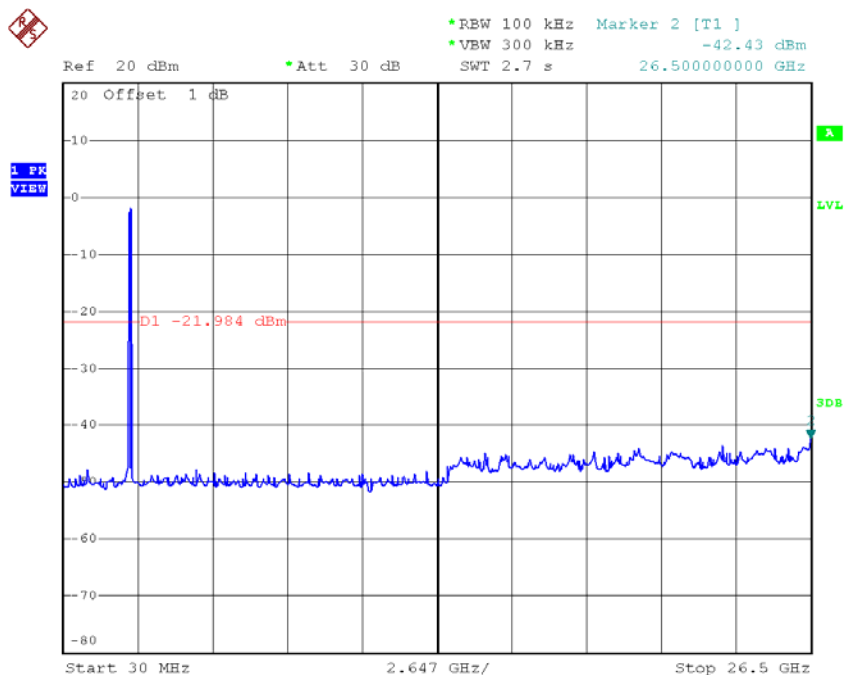
Date: 20.JUL.2015 10:16:27

TX G mode CH11



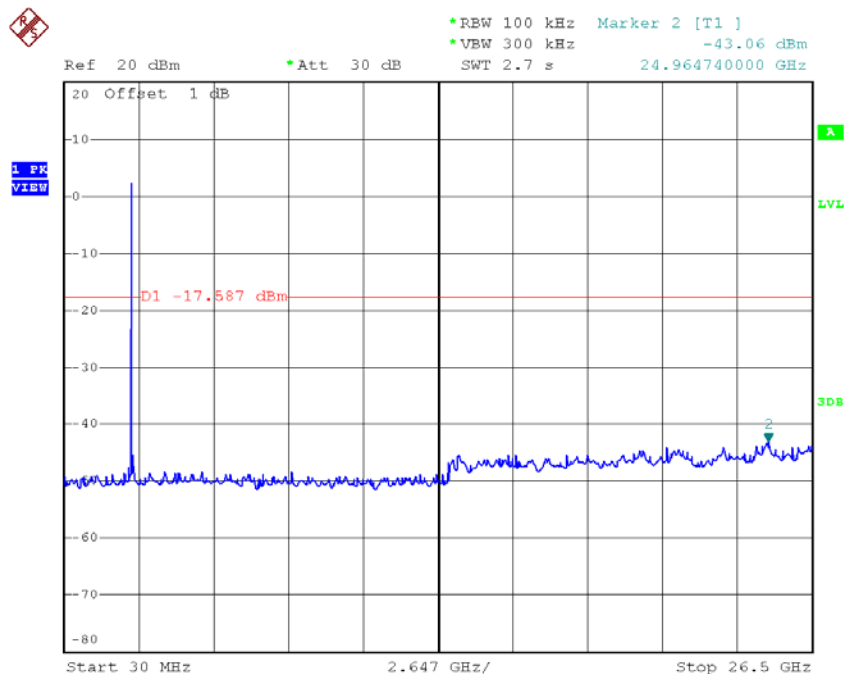
Date: 20.JUL.2015 10:19:18

TX G mode CH01 (10 Harmonic of the frequency)



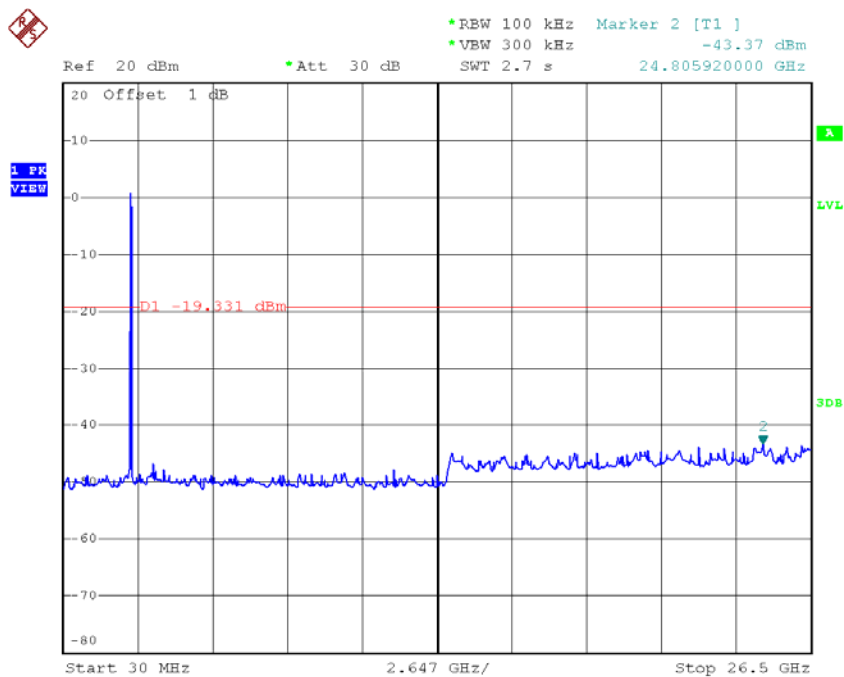
Date: 20.JUL.2015 10:16:20

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:17:51

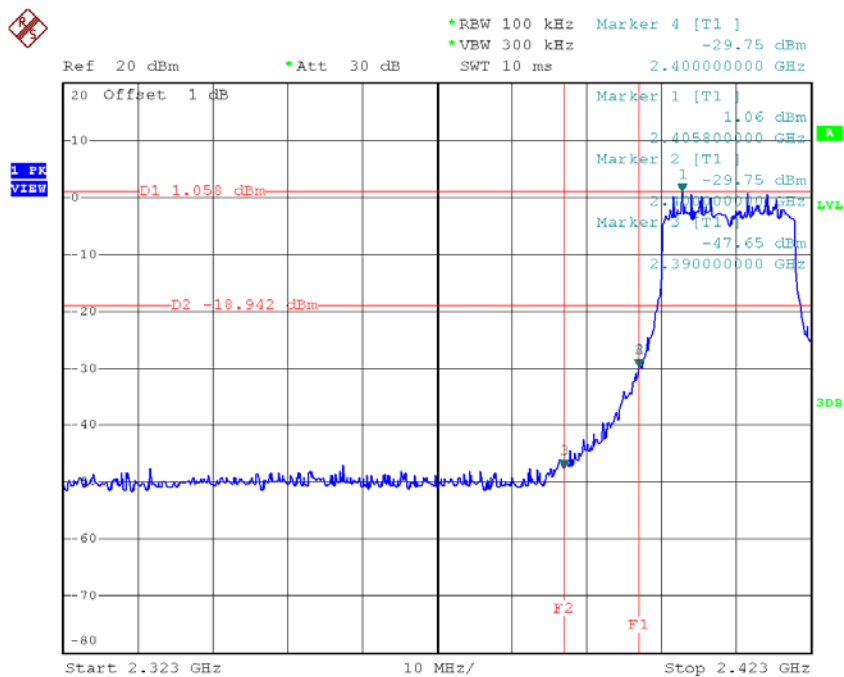
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:19:10

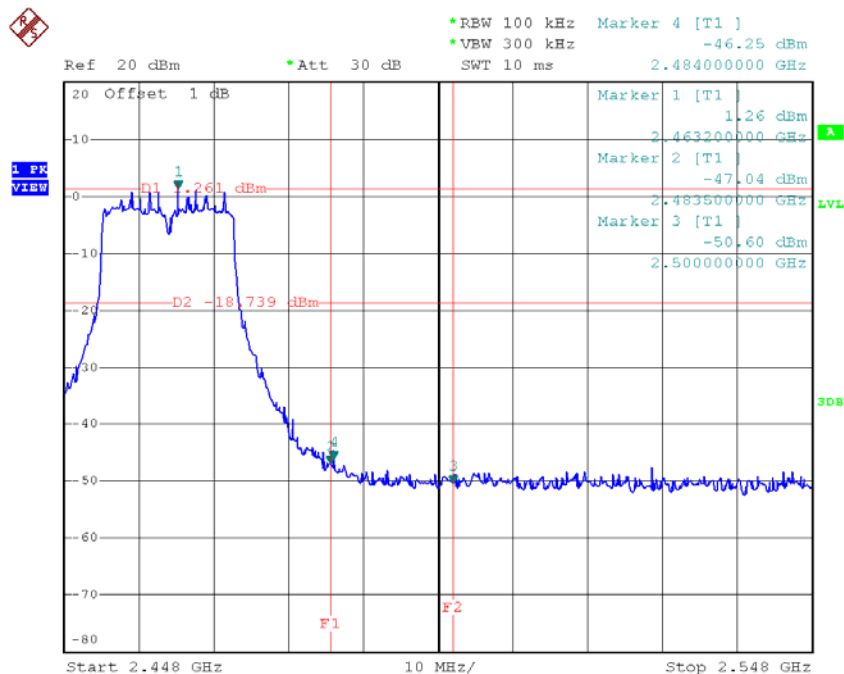
Test Mode :	TX N-20M Mode
--------------------	----------------------

TX HT20 mode CH01



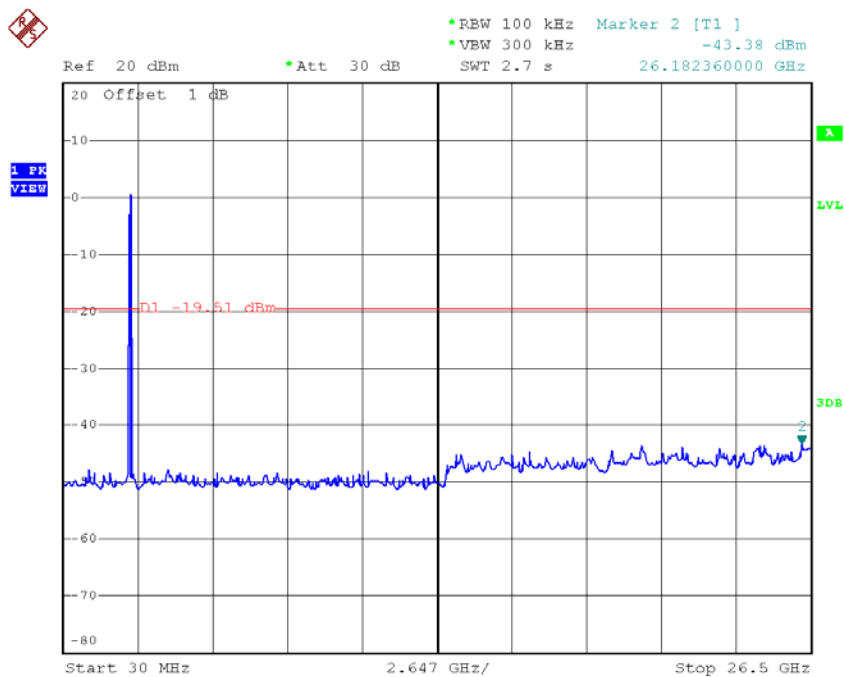
Date: 20.JUL.2015 10:23:35

TX HT20 mode CH11



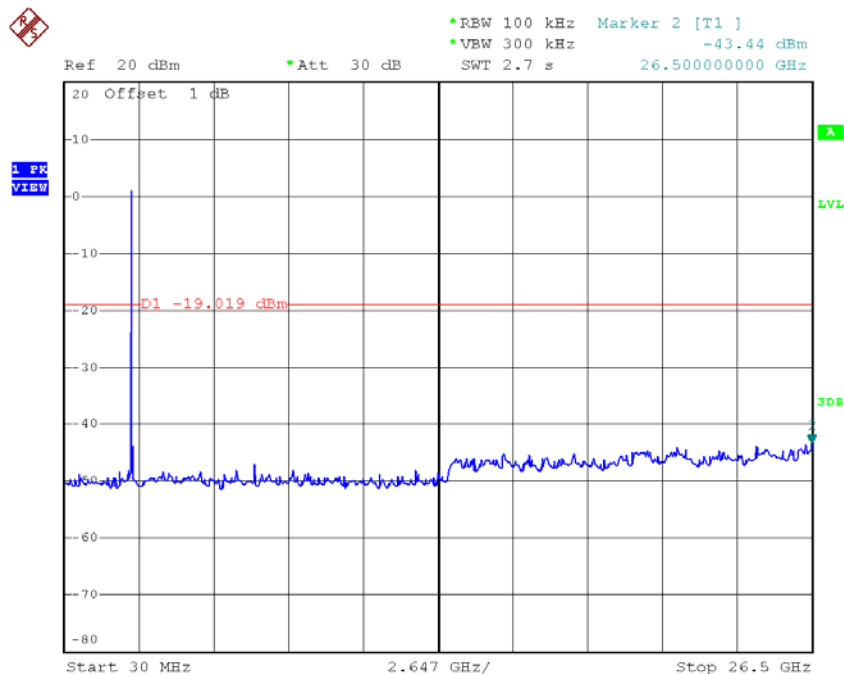
Date: 20.JUL.2015 10:25:46

TX HT20 mode CH01 (10 Harmonic of the frequency)



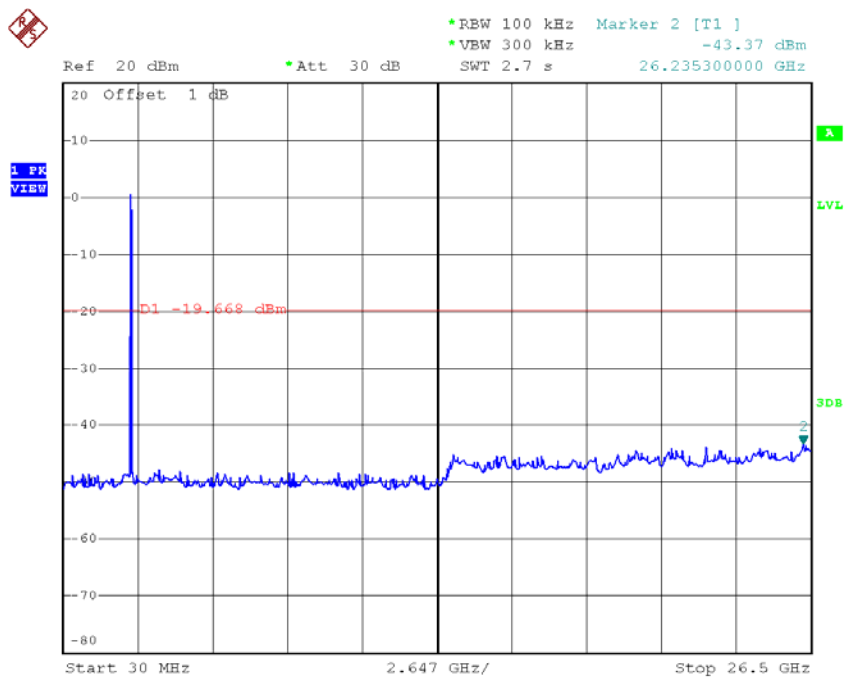
Date: 20.JUL.2015 10:23:27

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:24:31

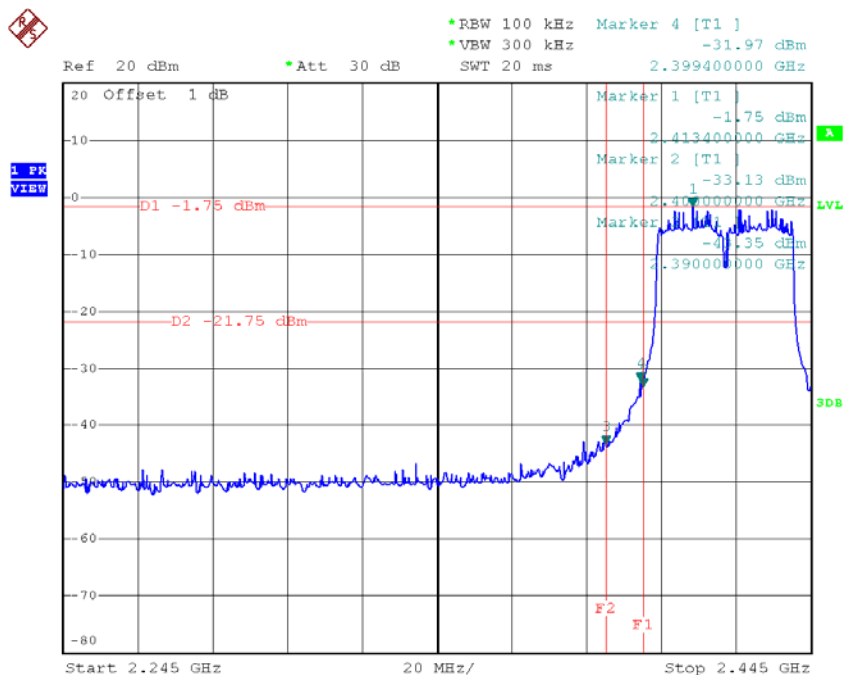
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:25:38

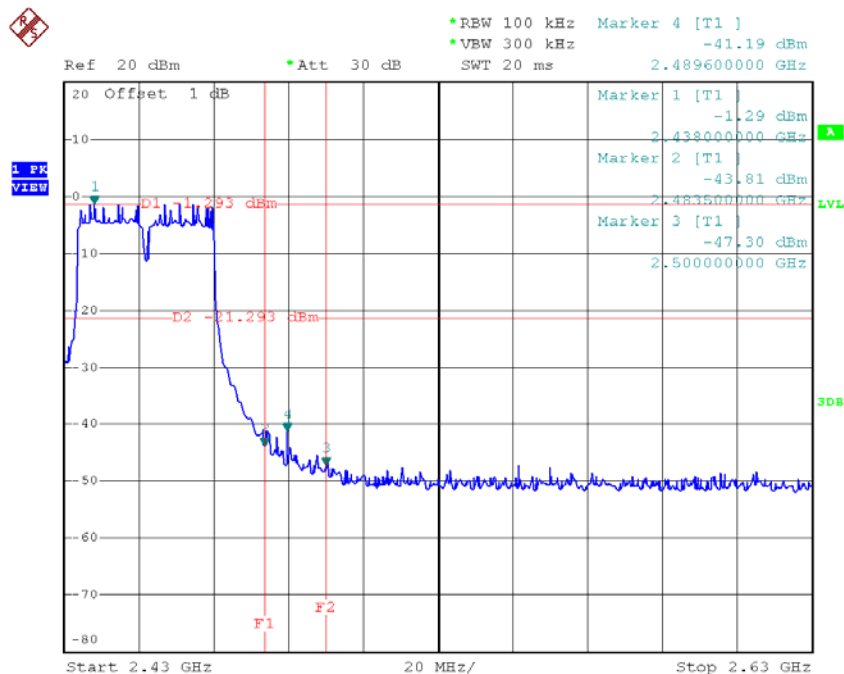
Test Mode :	TX N-40M Mode
--------------------	----------------------

TX HT40 mode CH03



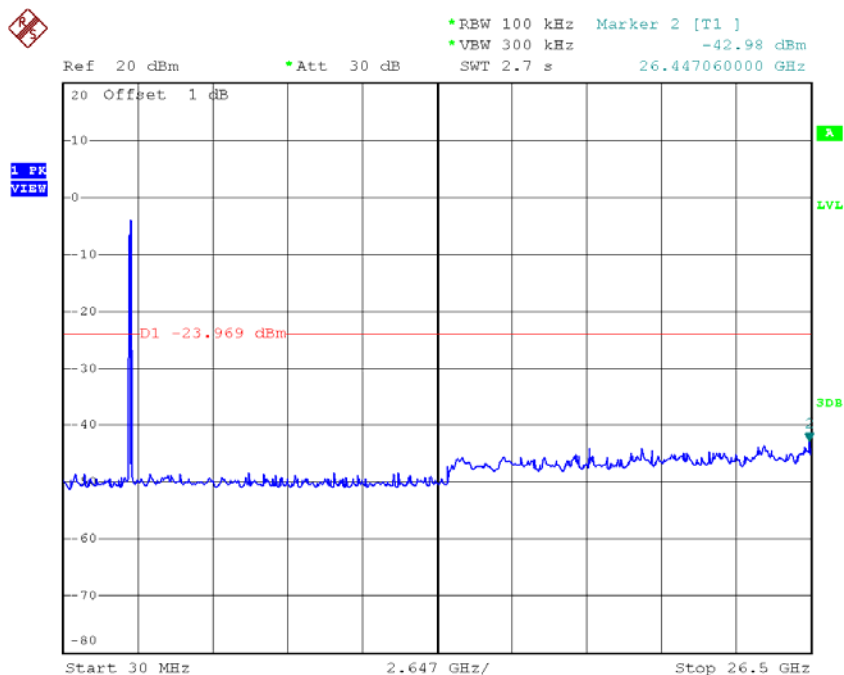
Date: 20.JUL.2015 10:27:41

TX HT40 mode CH09



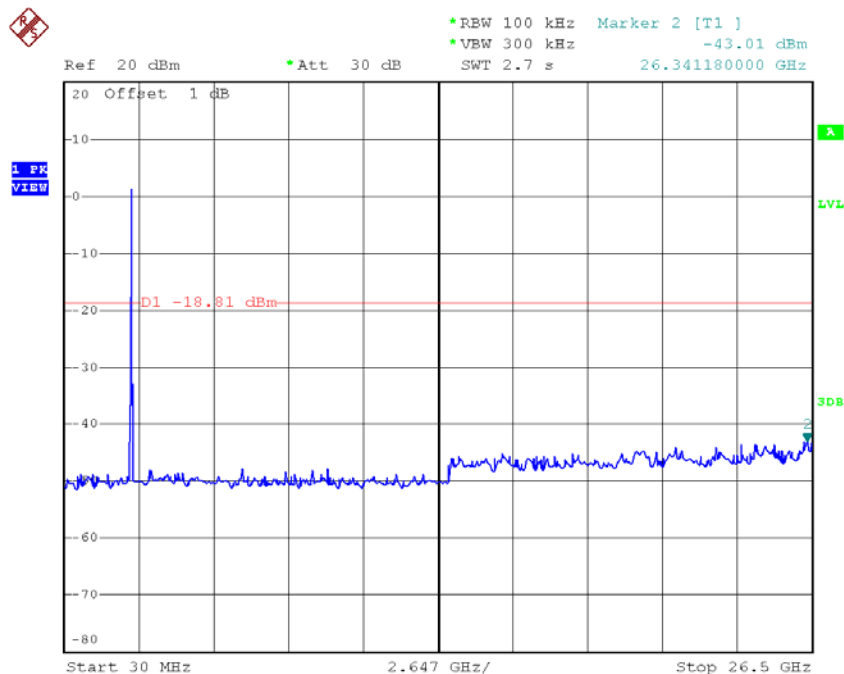
Date: 20.JUL.2015 10:29:46

TX HT40 mode CH03 (10 Harmonic of the frequency)



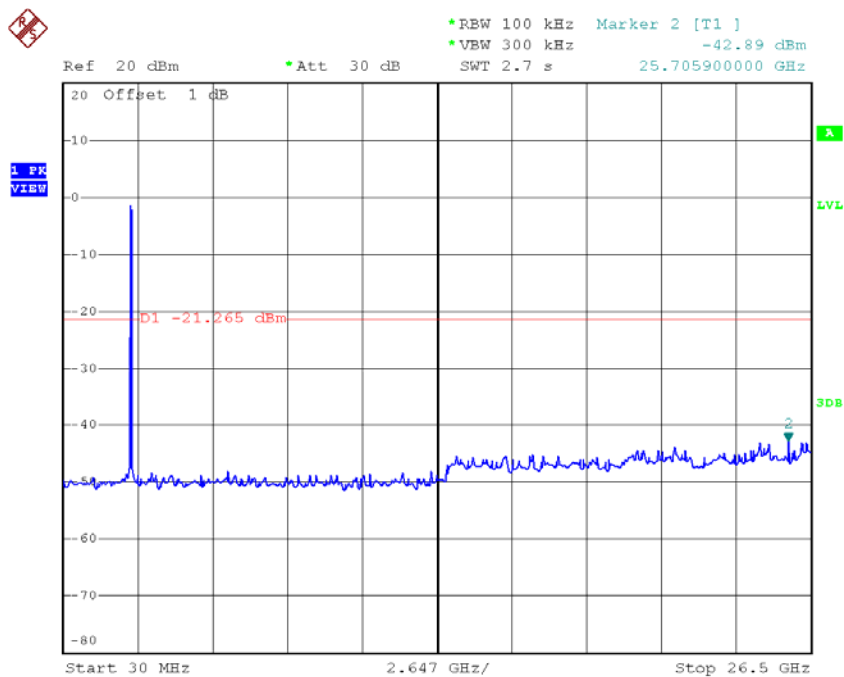
Date: 20.JUL.2015 10:27:33

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:28:36

TX HT40 mode CH09 (10 Harmonic of the frequency)

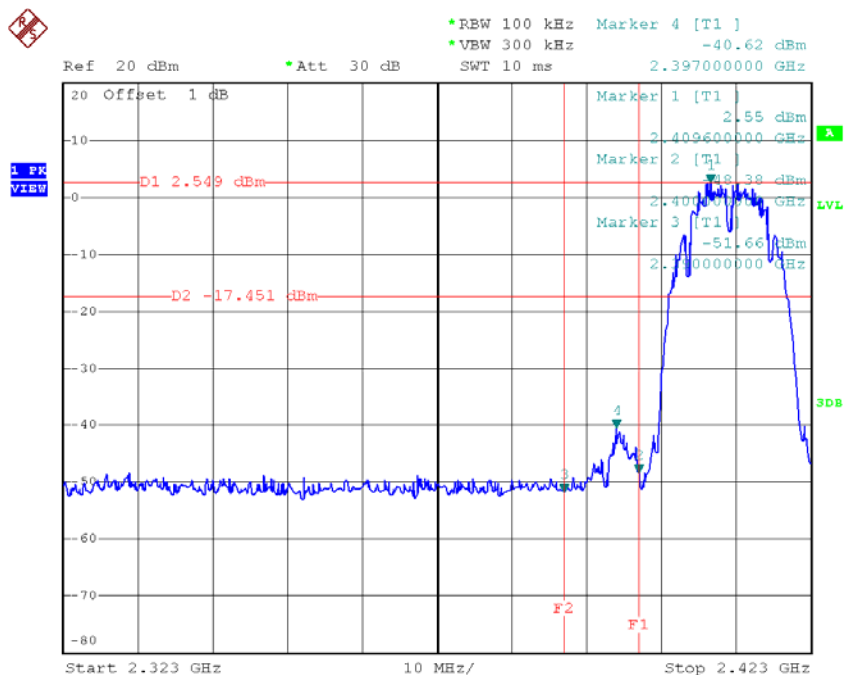


Date: 20.JUL.2015 10:29:38

For 2TX

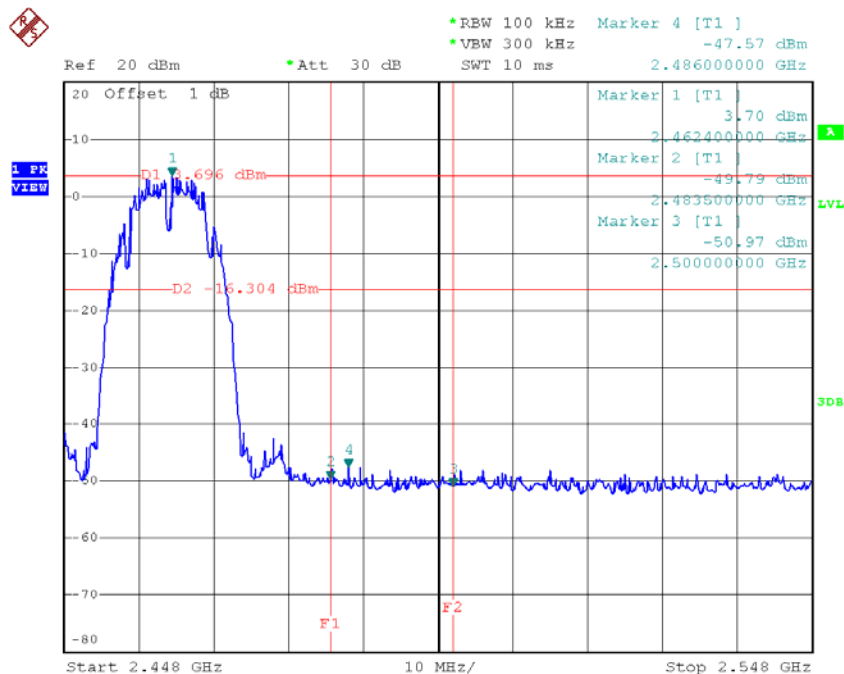
Test Mode :	TX B Mode_ANT A
-------------	-----------------

TX B mode CH01



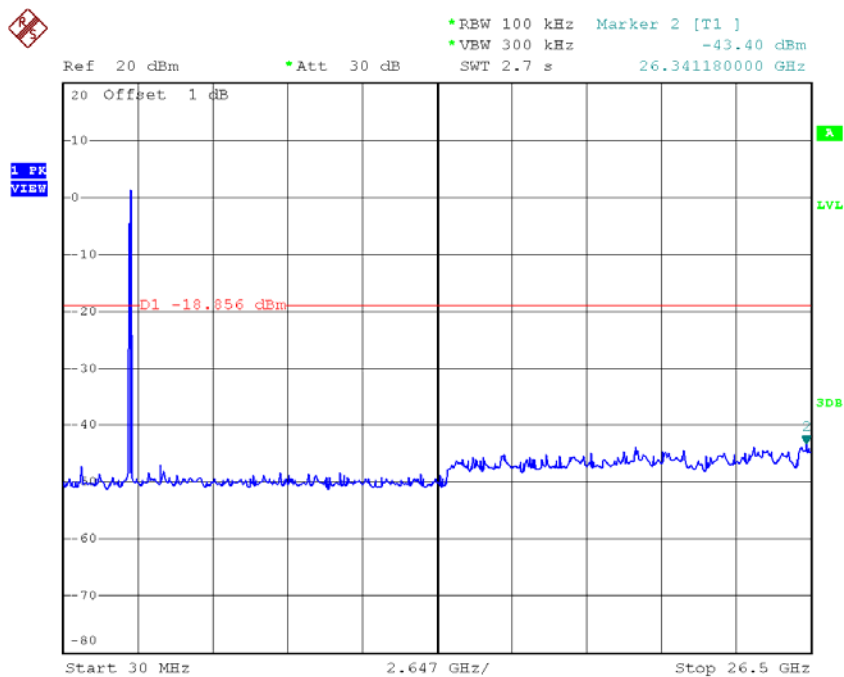
Date: 20.JUL.2015 10:11:52

TX B mode CH11



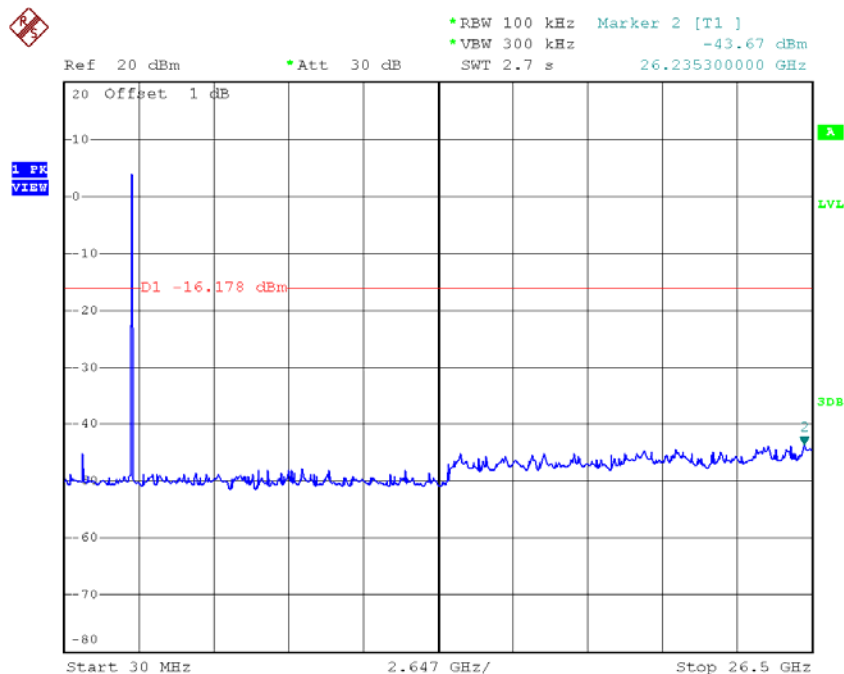
Date: 20.JUL.2015 10:15:10

TX B mode CH01 (10 Harmonic of the frequency)



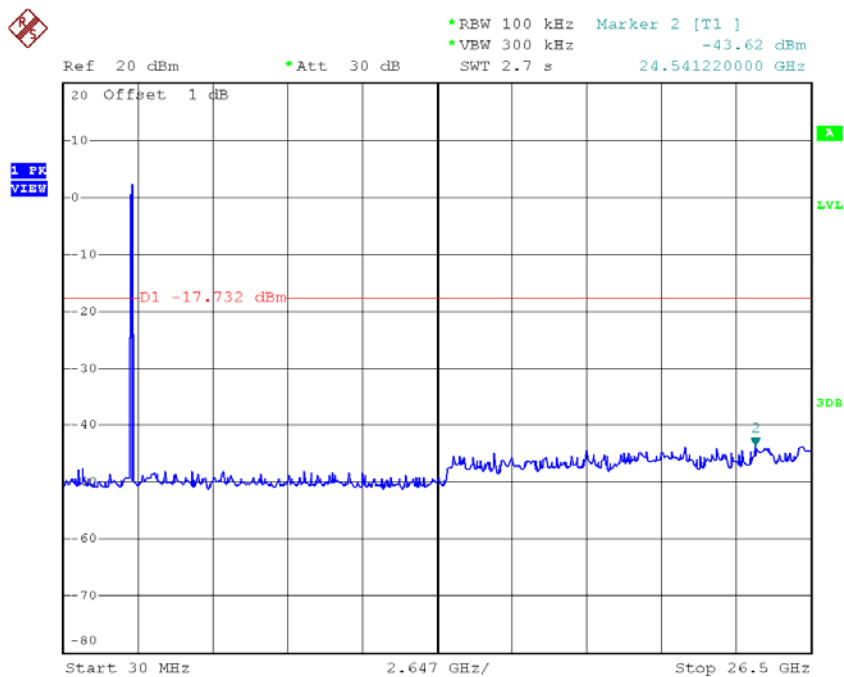
Date: 20.JUL.2015 10:11:44

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:13:42

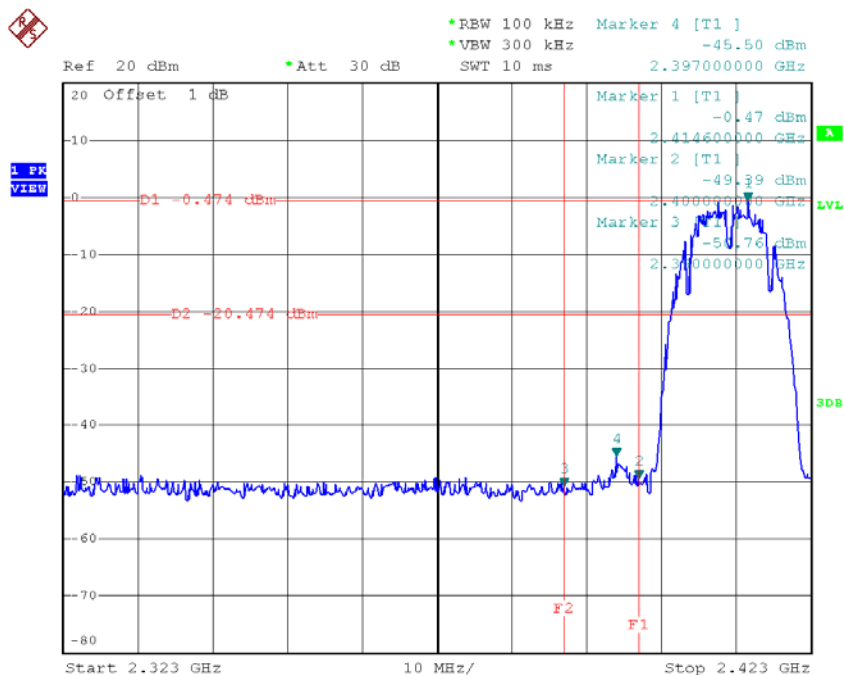
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:15:03

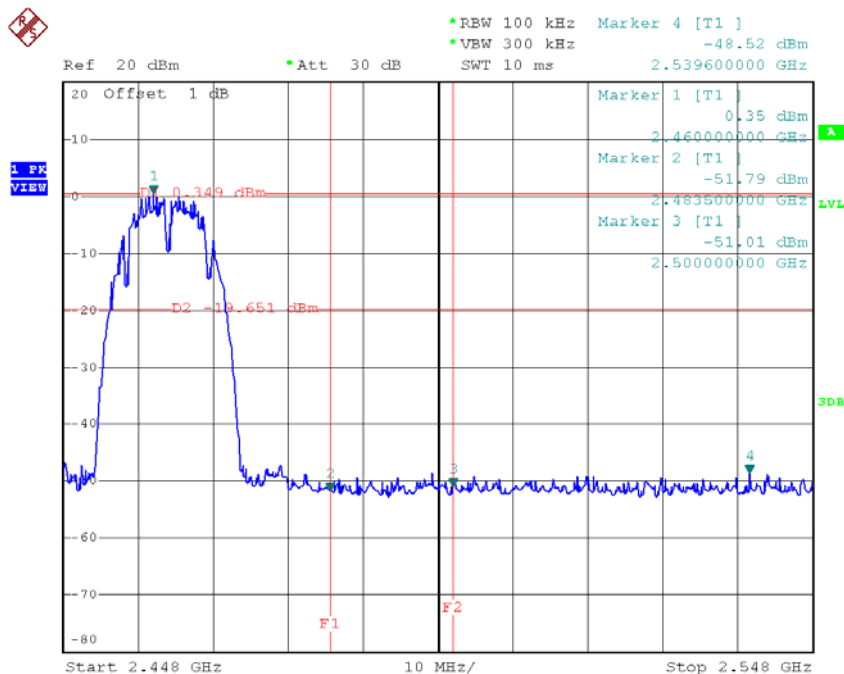
Test Mode :	TX B Mode_ANT B
-------------	-----------------

TX B mode CH01



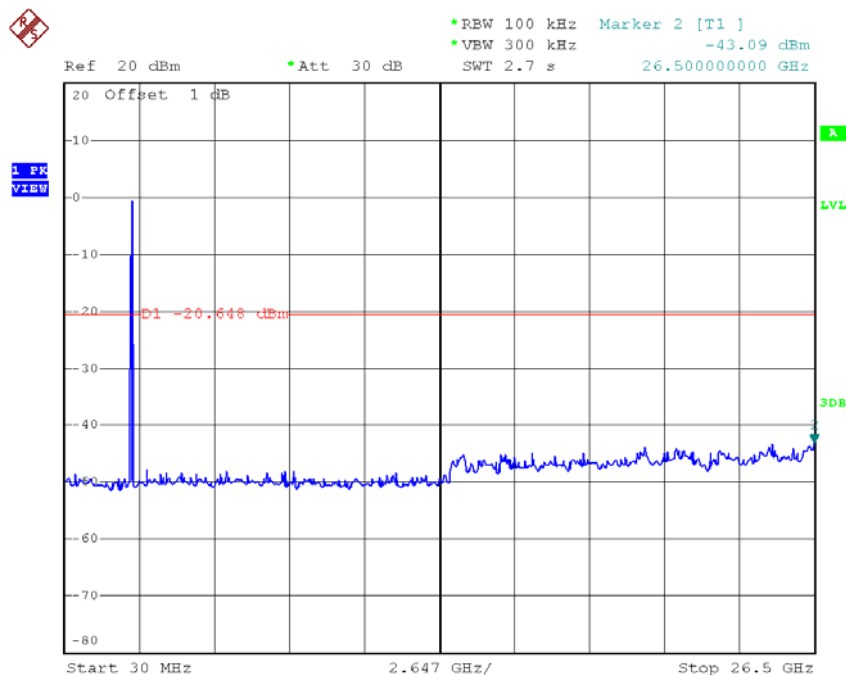
Date: 20.JUL.2015 10:56:27

TX B mode CH11



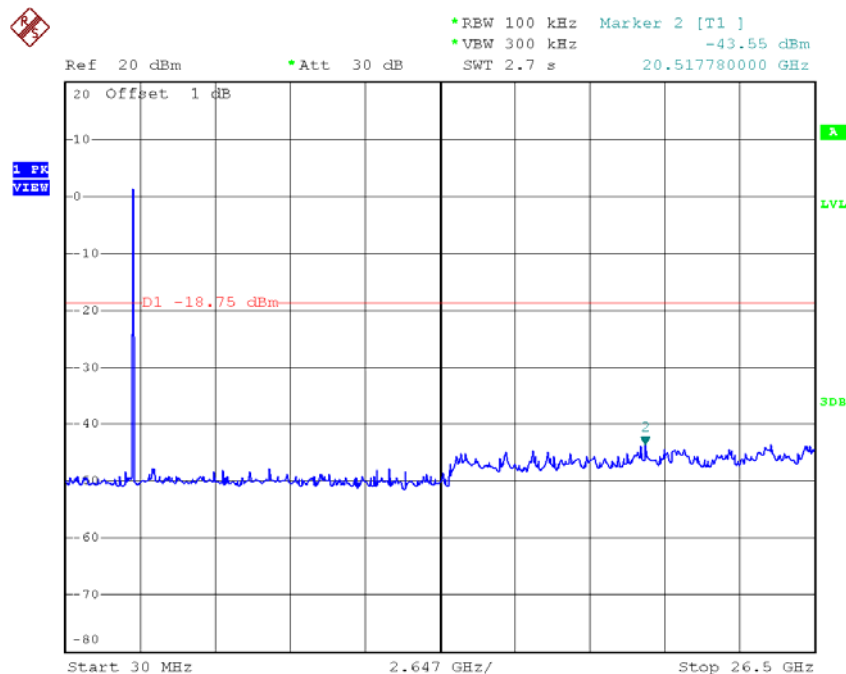
Date: 20.JUL.2015 10:59:03

TX B mode CH01 (10 Harmonic of the frequency)



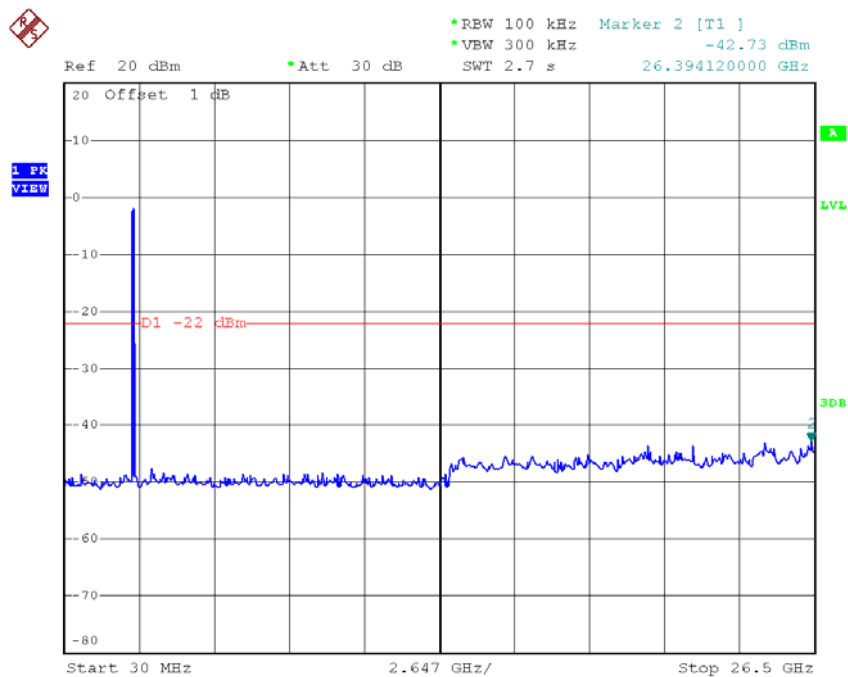
Date: 20.JUL.2015 10:56:19

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:57:33

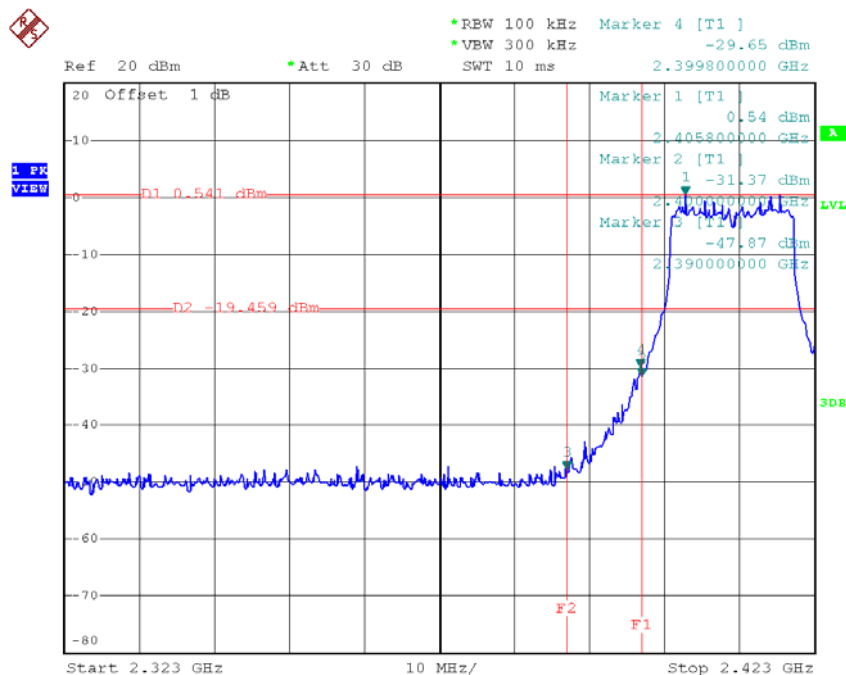
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:58:55

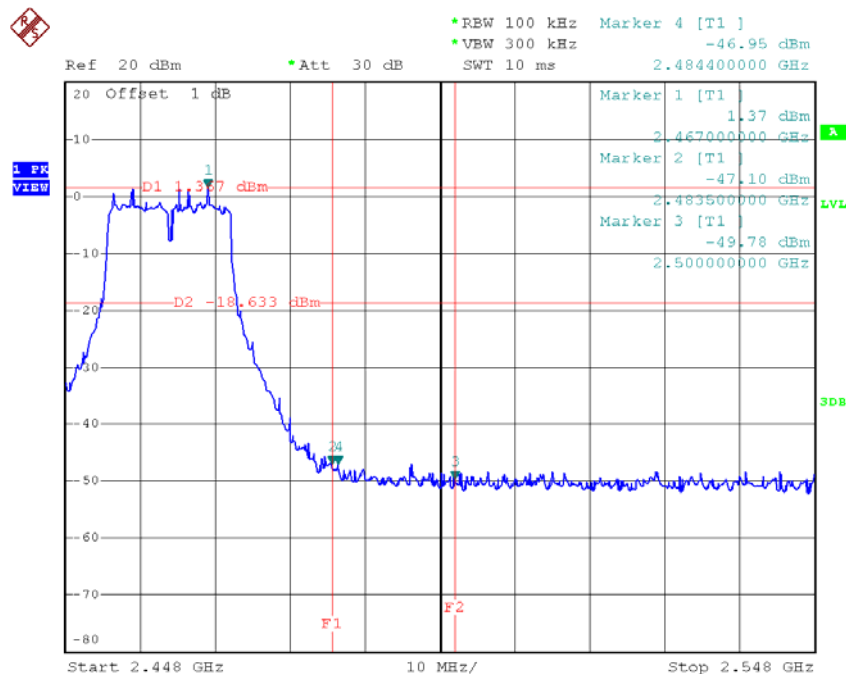
Test Mode :	TX G Mode_ANT A
-------------	-----------------

TX G mode CH01



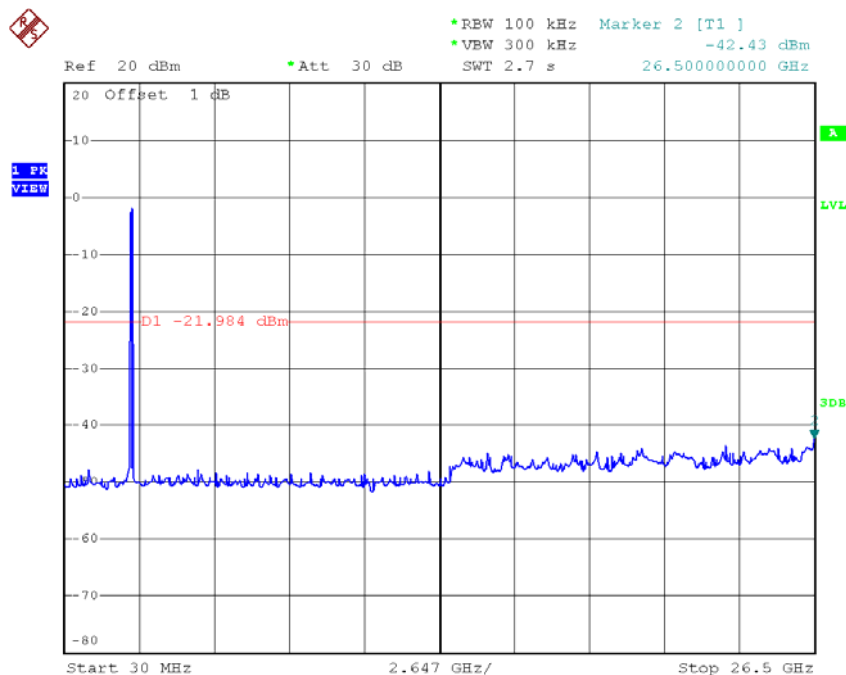
Date: 20.JUL.2015 10:16:27

TX G mode CH11



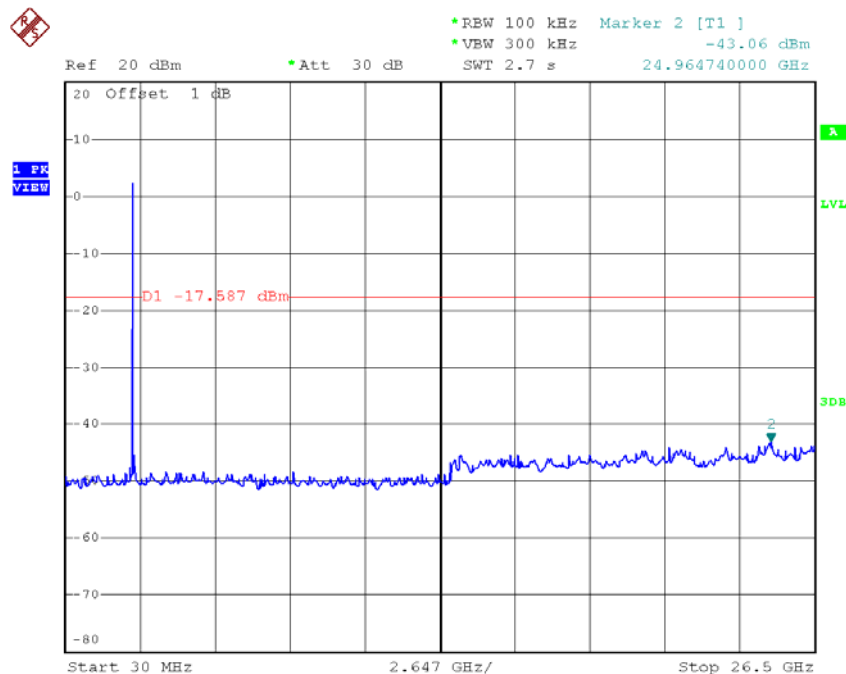
Date: 20.JUL.2015 10:19:18

TX G mode CH01 (10 Harmonic of the frequency)



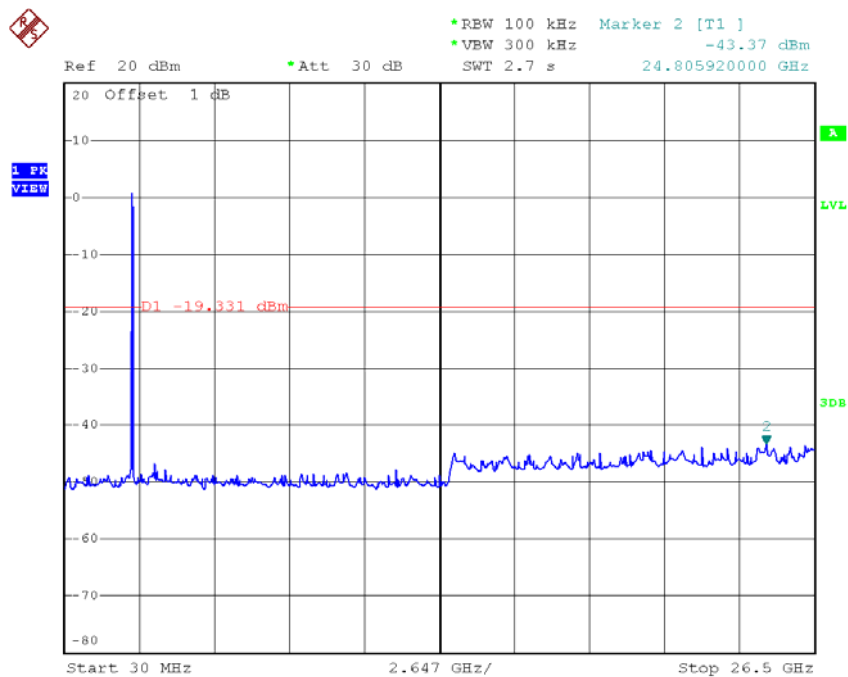
Date: 20.JUL.2015 10:16:20

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:17:51

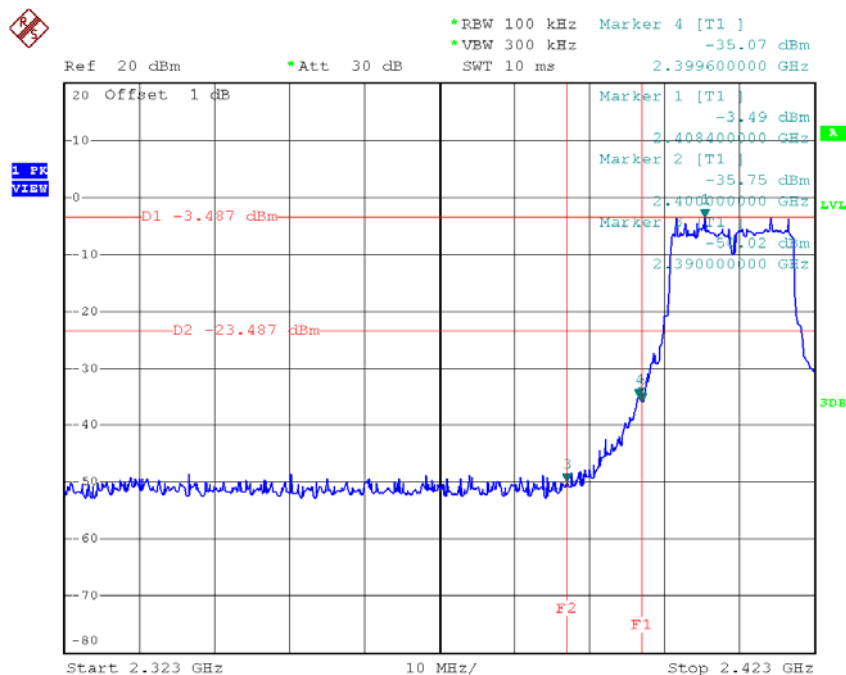
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:19:10

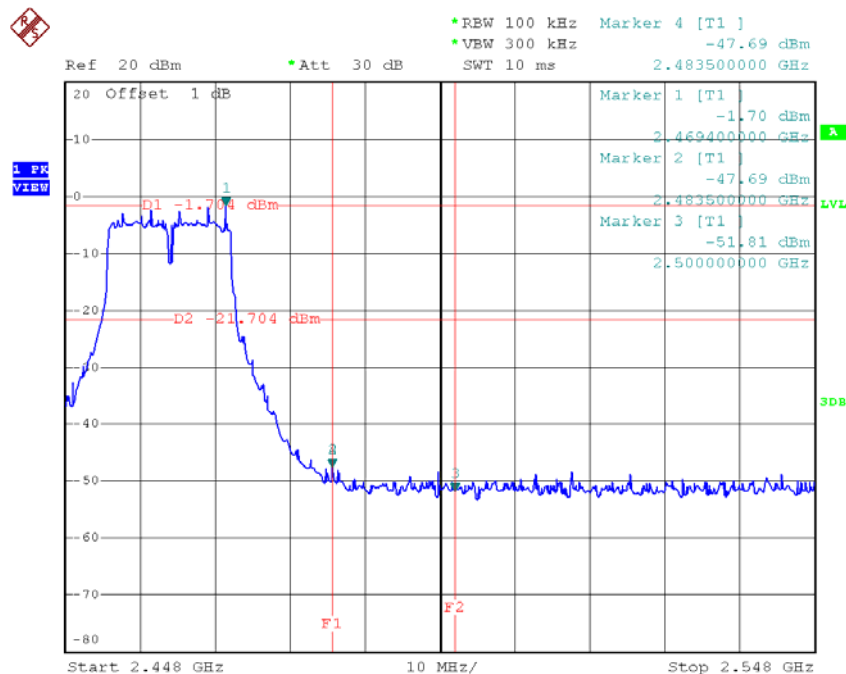
Test Mode :	TX G Mode_ANT B
-------------	-----------------

TX G mode CH01



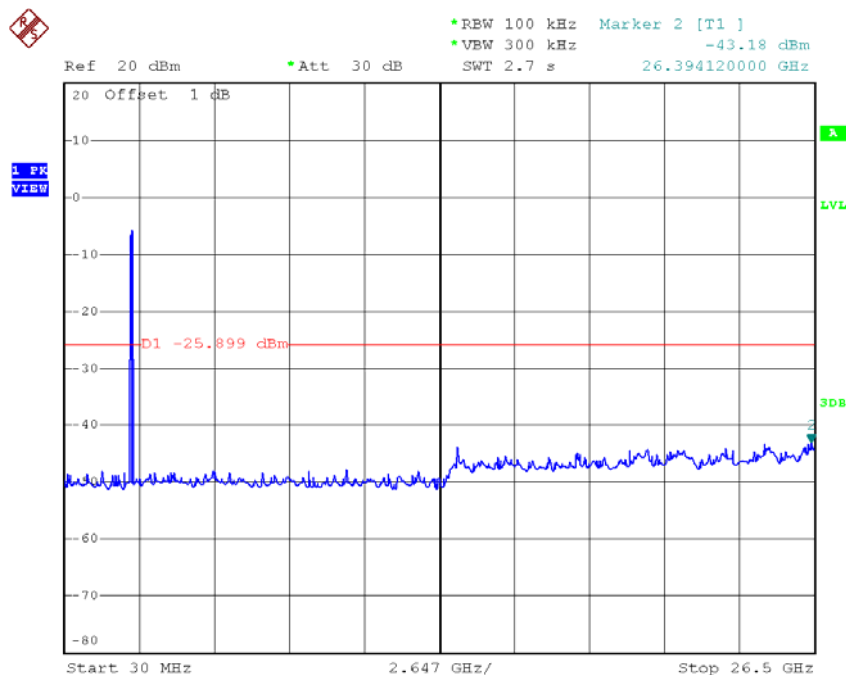
Date: 20.JUL.2015 11:00:20

TX G mode CH11



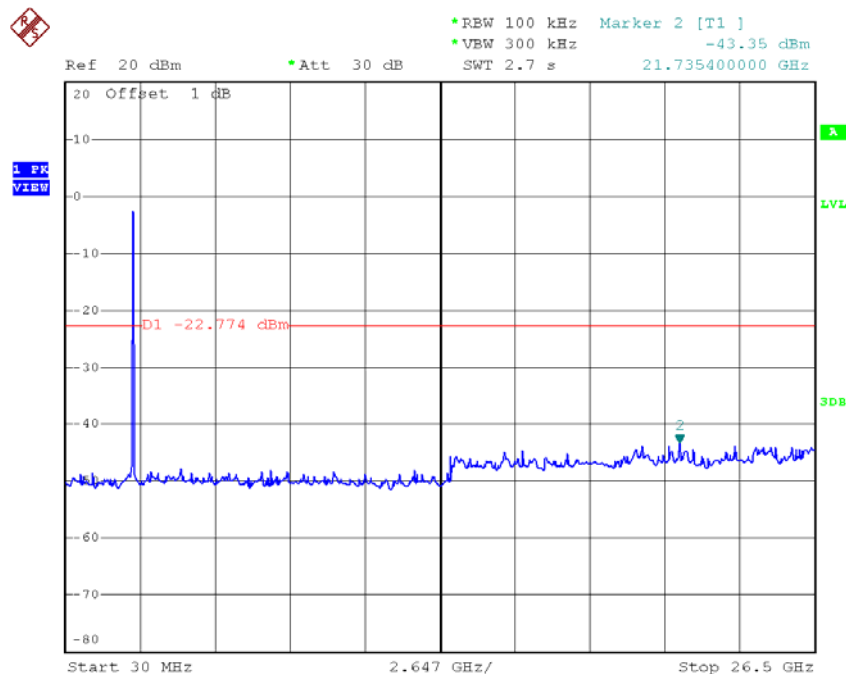
Date: 20.JUL.2015 11:02:25

TX G mode CH01 (10 Harmonic of the frequency)



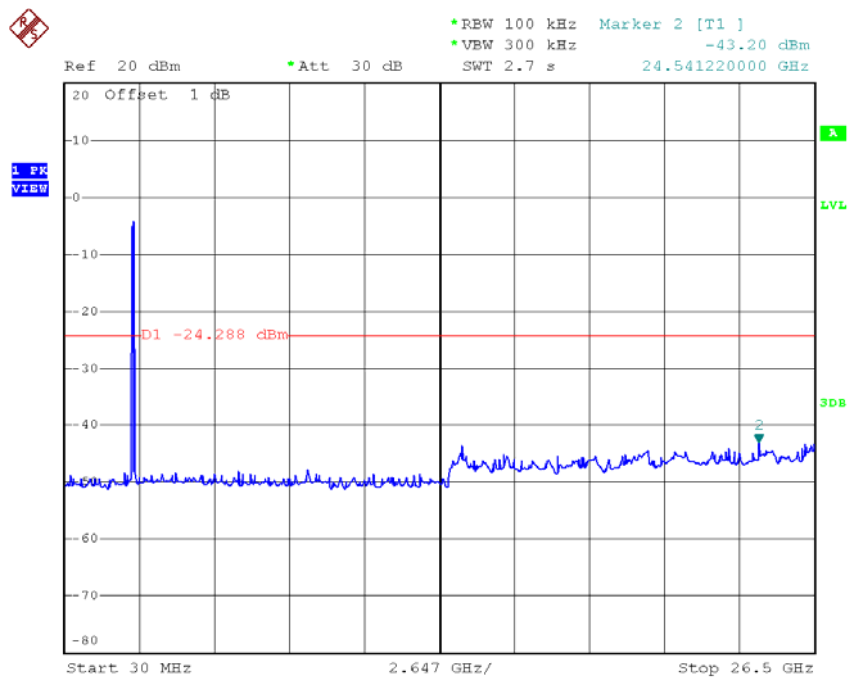
Date: 20.JUL.2015 11:00:13

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:01:22

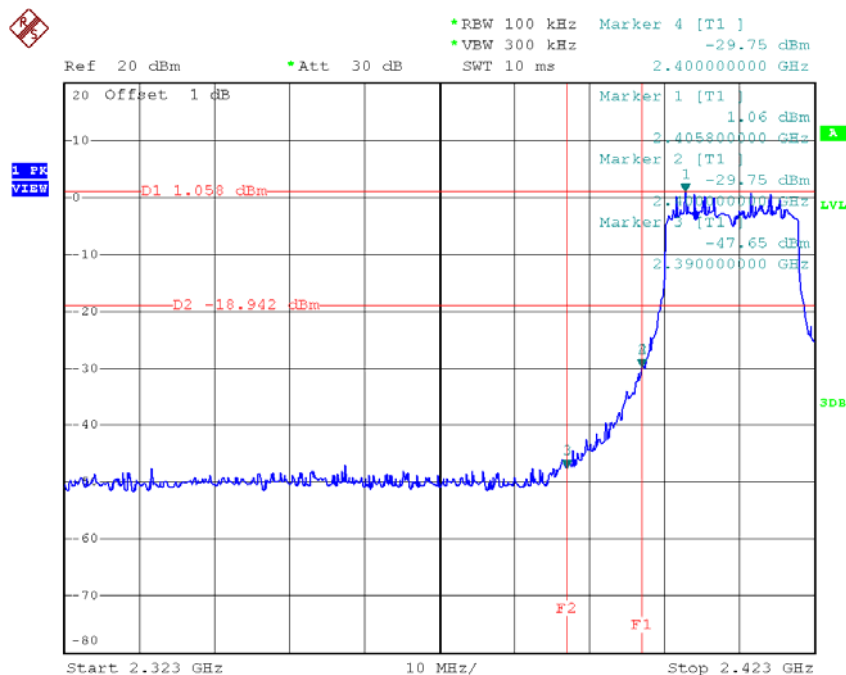
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:02:17

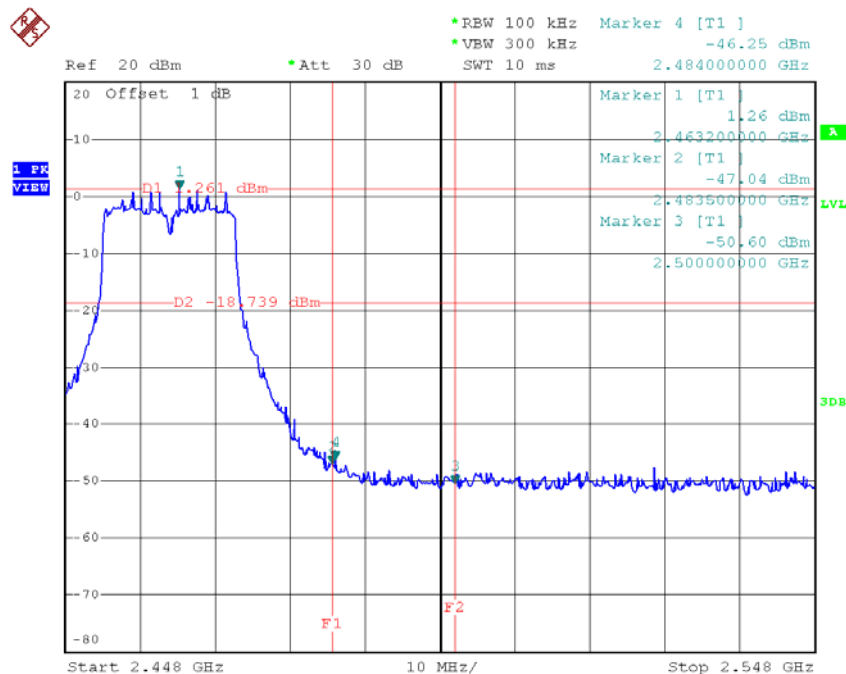
Test Mode :	TX N-20M Mode_ANT A
-------------	---------------------

TX HT20 mode CH01



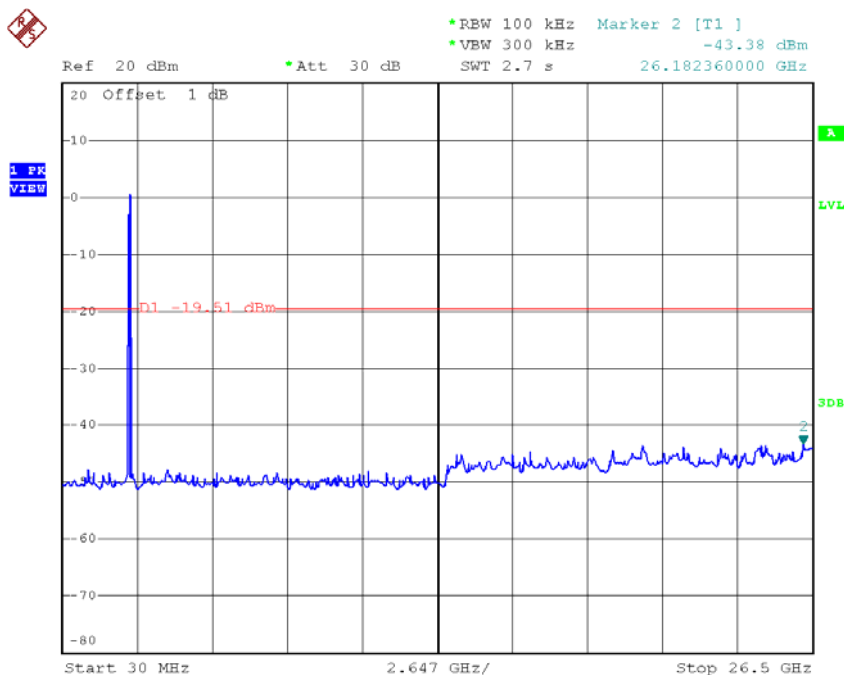
Date: 20.JUL.2015 10:23:35

TX HT20 mode CH11



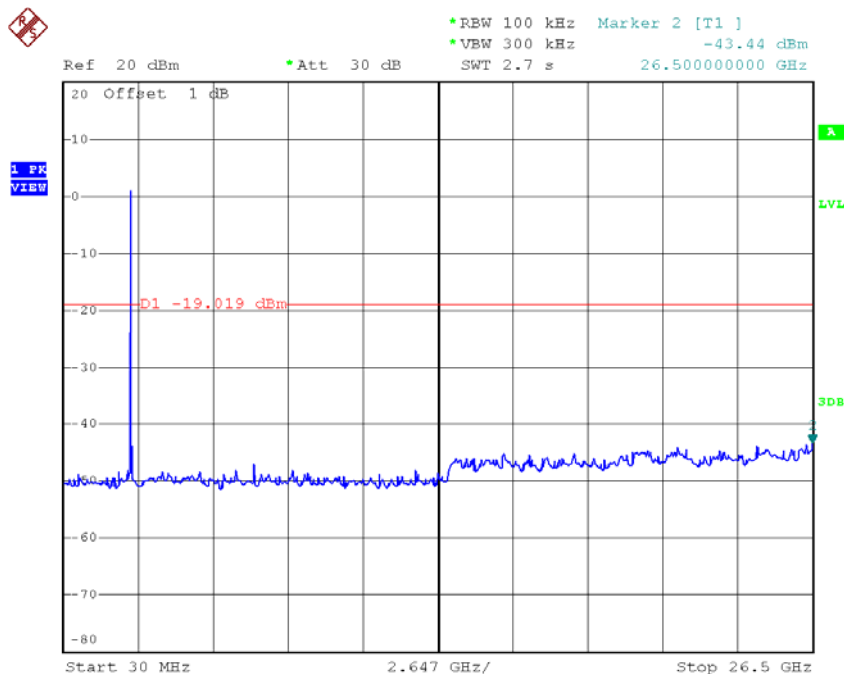
Date: 20.JUL.2015 10:25:46

TX HT20 mode CH01 (10 Harmonic of the frequency)



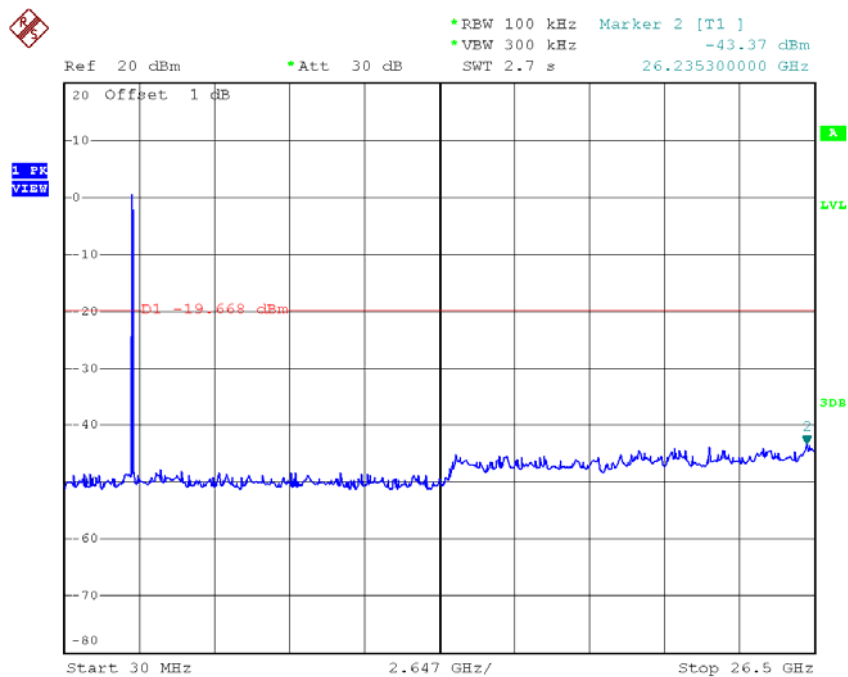
Date: 20.JUL.2015 10:23:27

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:24:31

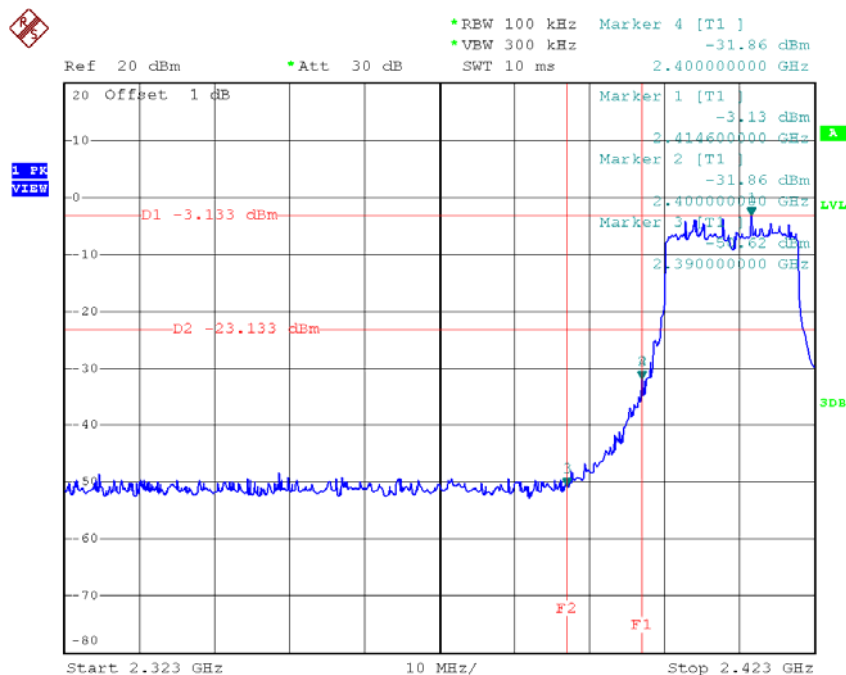
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:25:38

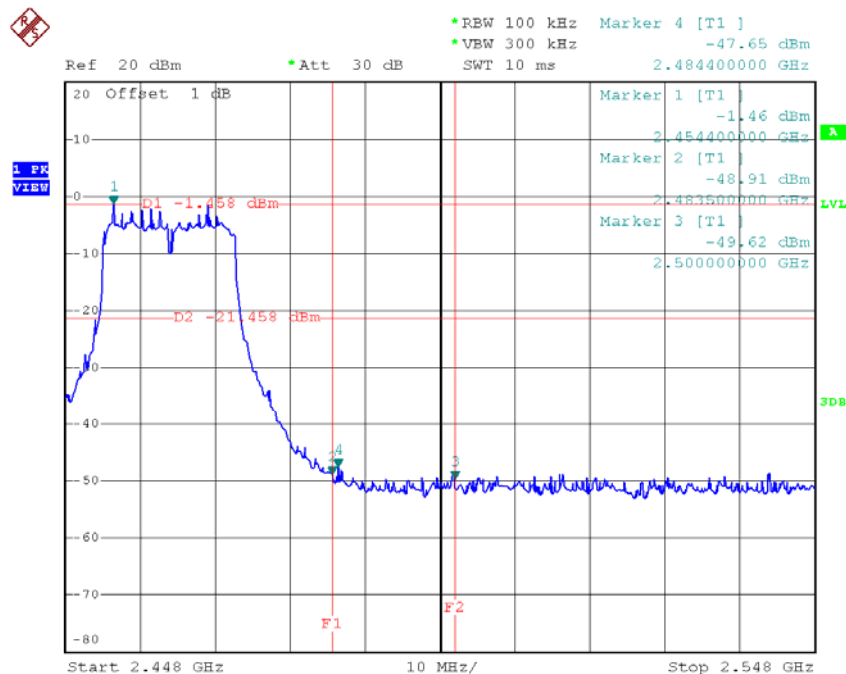
Test Mode :	TX N-20M Mode_ANT B
--------------------	----------------------------

TX HT20 mode CH01



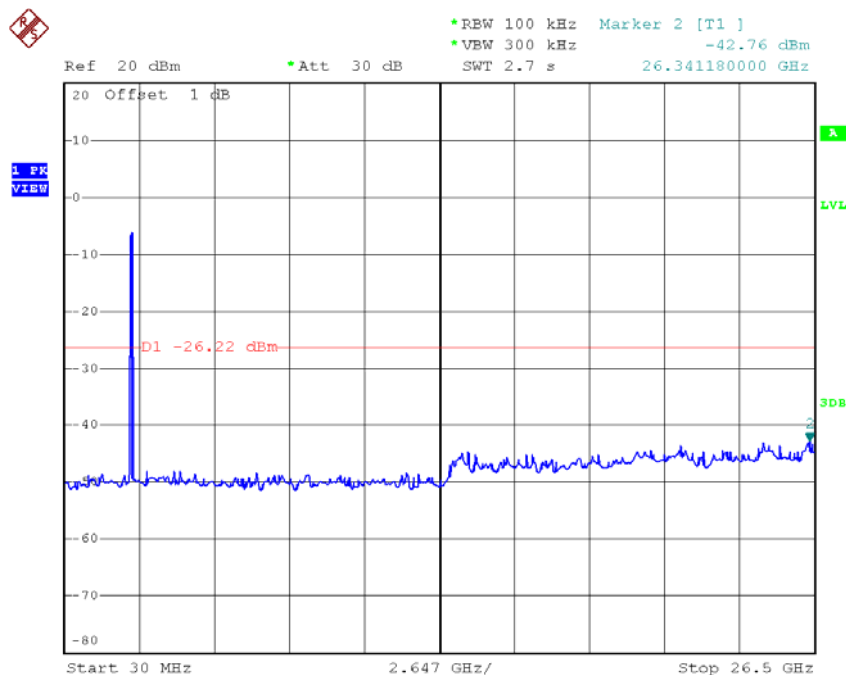
Date: 20.JUL.2015 11:04:12

TX HT20 mode CH11



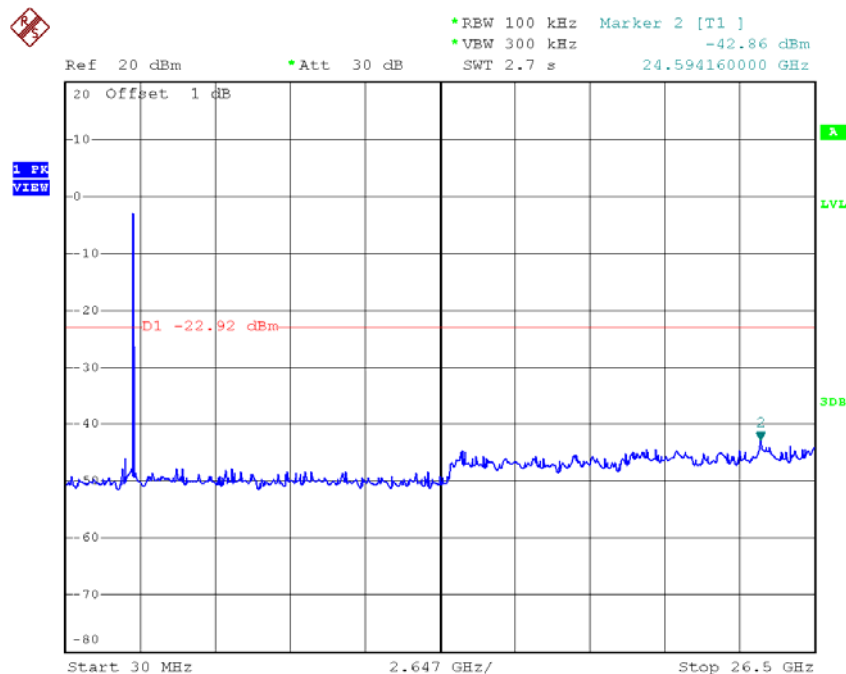
Date: 20.JUL.2015 11:06:04

TX HT20 mode CH01 (10 Harmonic of the frequency)



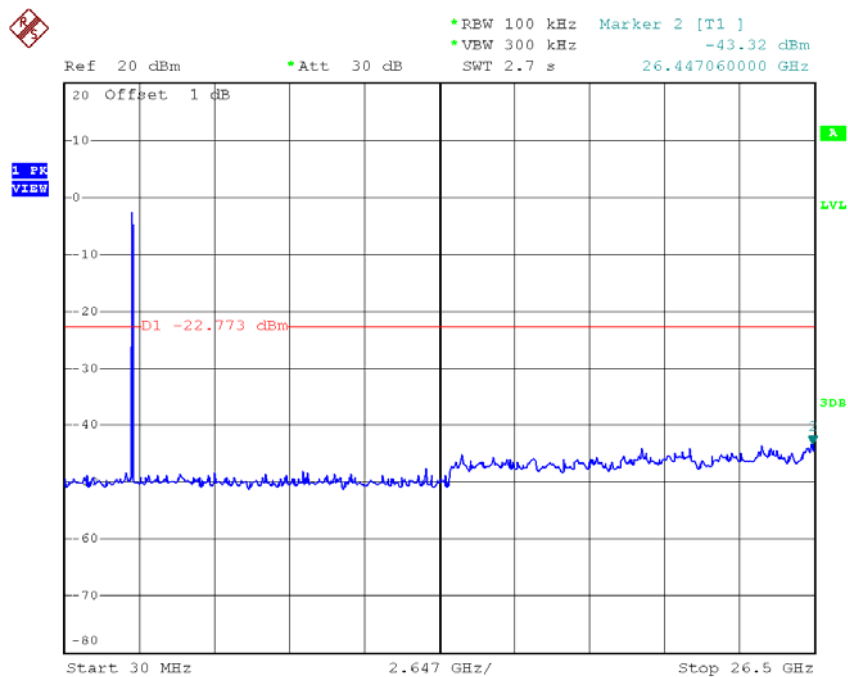
Date: 20.JUL.2015 11:04:05

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:05:01

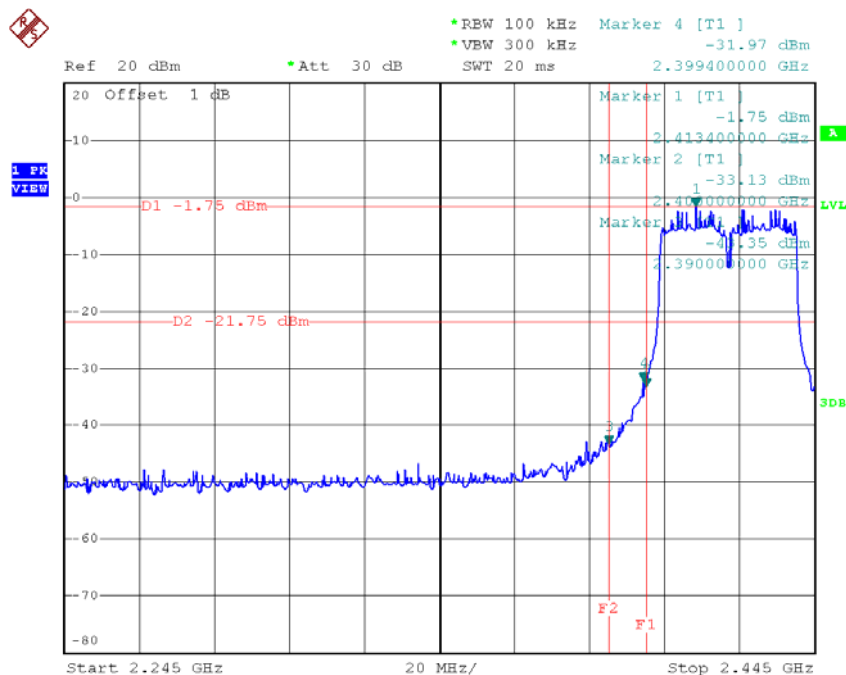
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:05:56

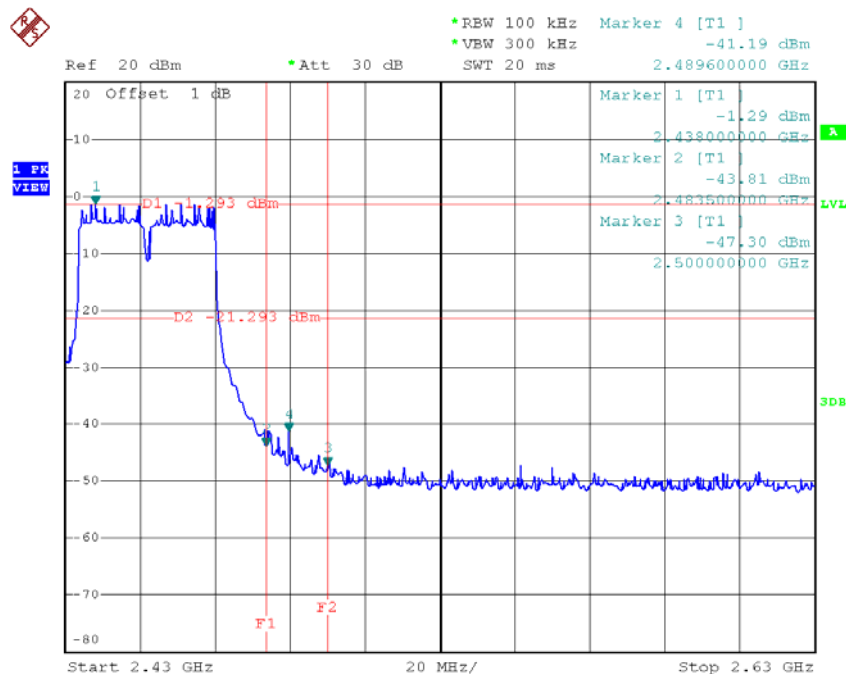
Test Mode :	TX N-40M Mode_ANT A
--------------------	---------------------

TX HT40 mode CH03



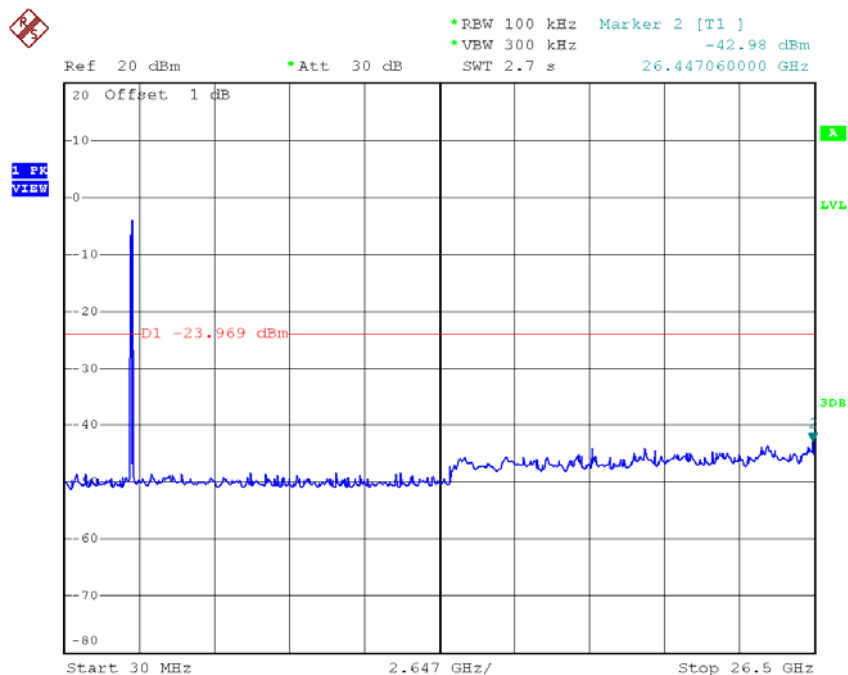
Date: 20.JUL.2015 10:27:41

TX HT40 mode CH09



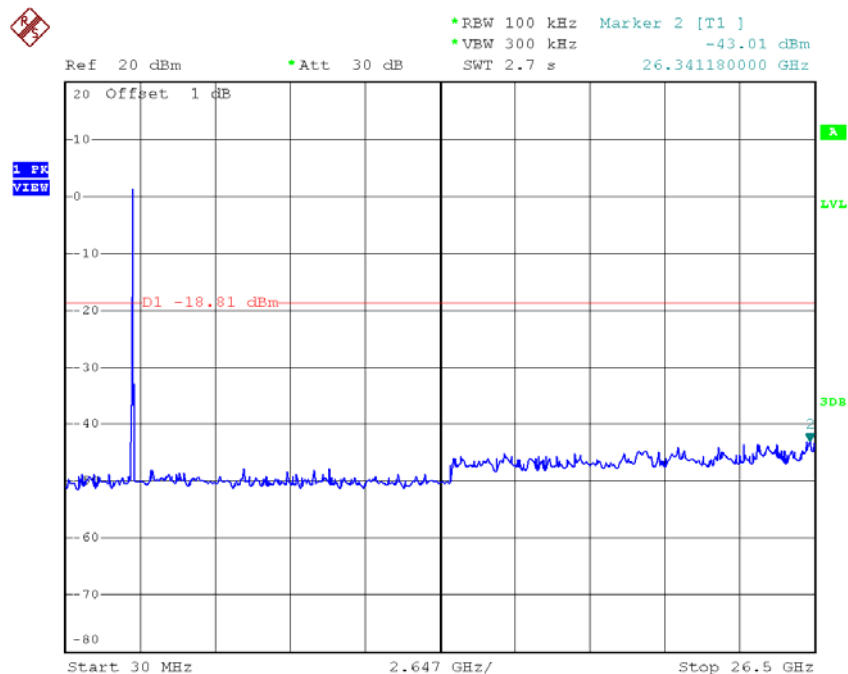
Date: 20.JUL.2015 10:29:46

TX HT40 mode CH03 (10 Harmonic of the frequency)



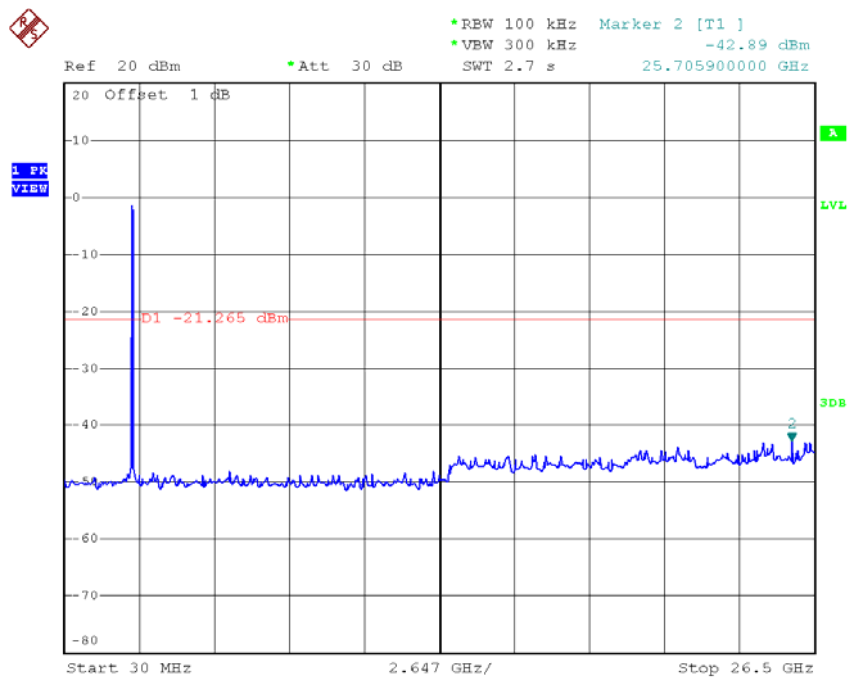
Date: 20.JUL.2015 10:27:33

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:28:36

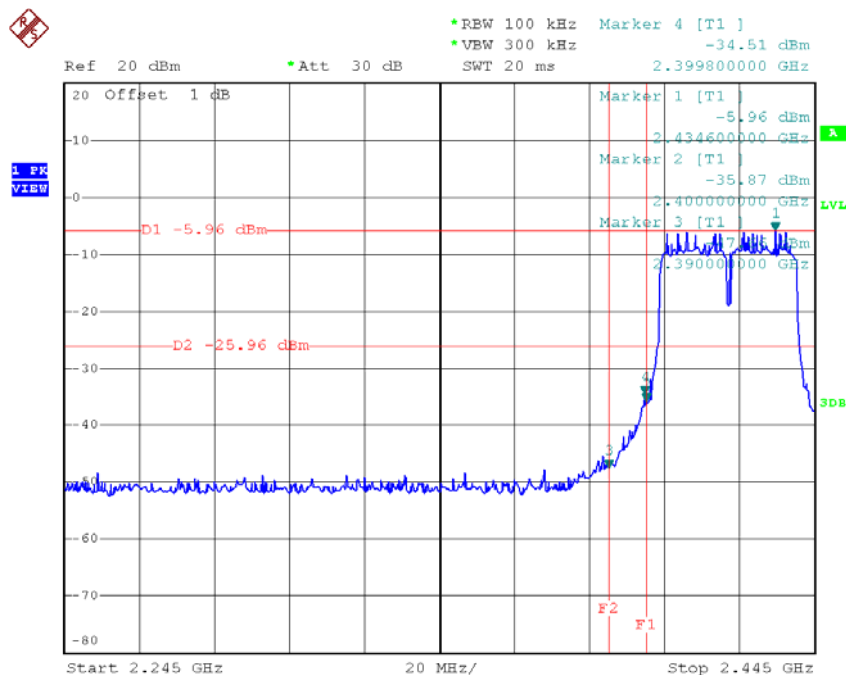
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:29:38

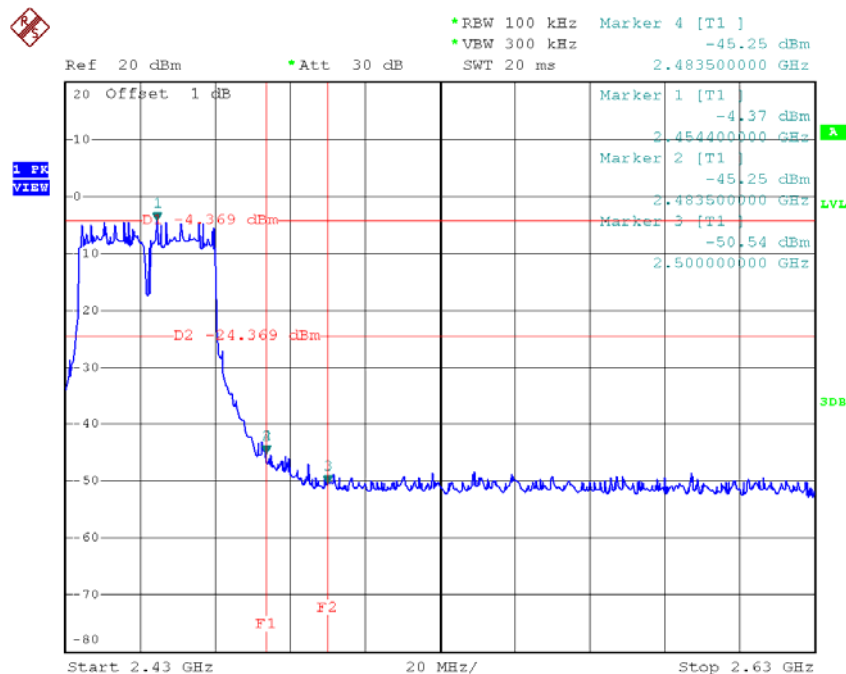
Test Mode :	TX N-40M Mode_ANT B
--------------------	----------------------------

TX HT40 mode CH03



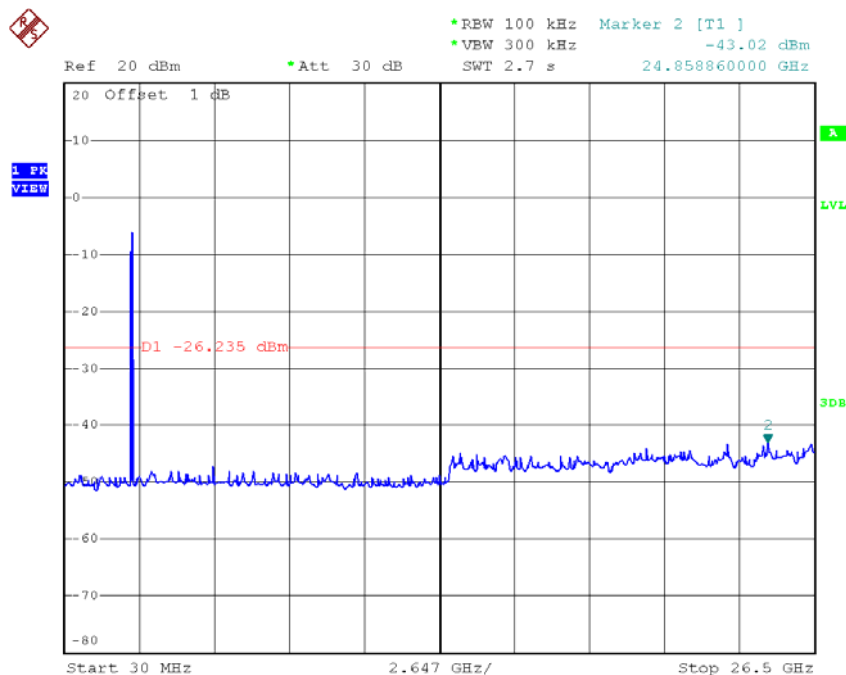
Date: 20.JUL.2015 11:07:09

TX HT40 mode CH09



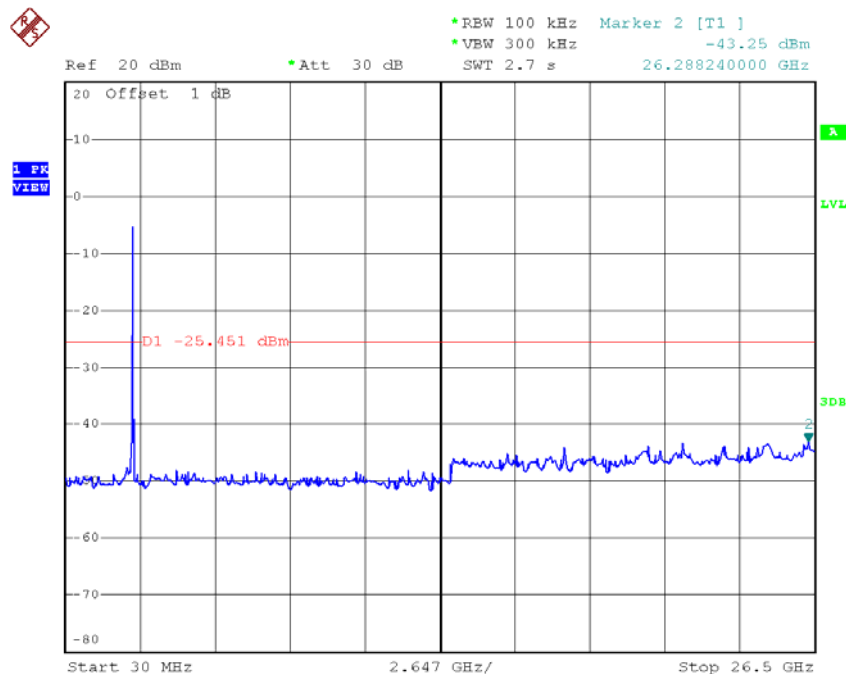
Date: 20.JUL.2015 11:09:37

TX HT40 mode CH03 (10 Harmonic of the frequency)



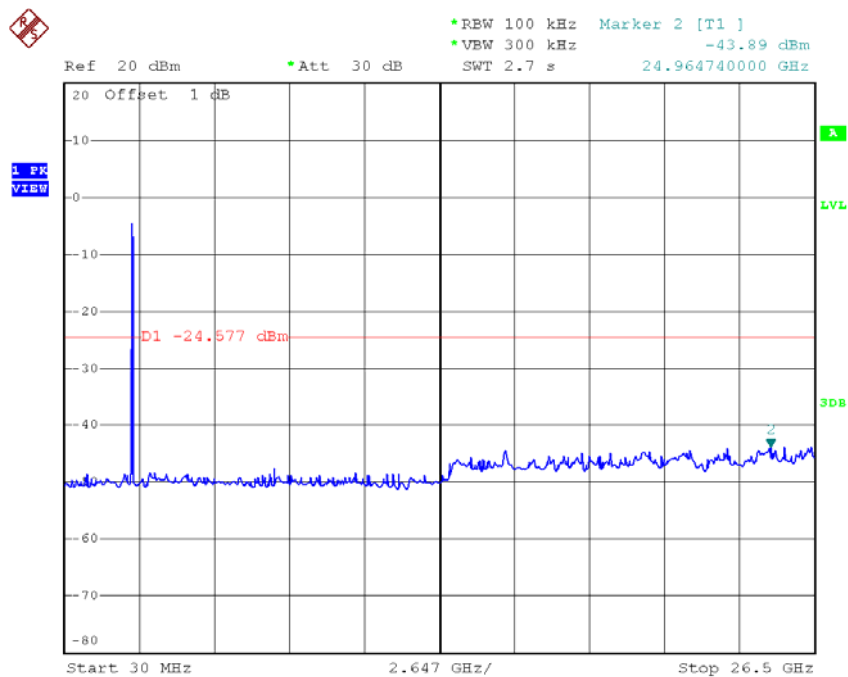
Date: 20.JUL.2015 11:07:01

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:08:09

TX HT40 mode CH09 (10 Harmonic of the frequency)

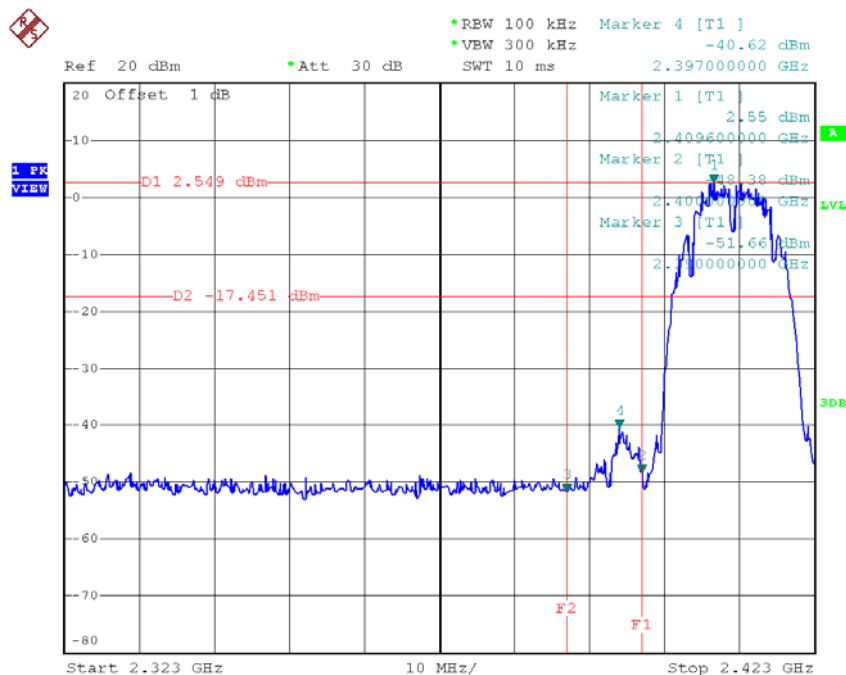


Date: 20.JUL.2015 11:09:30

For 3TX

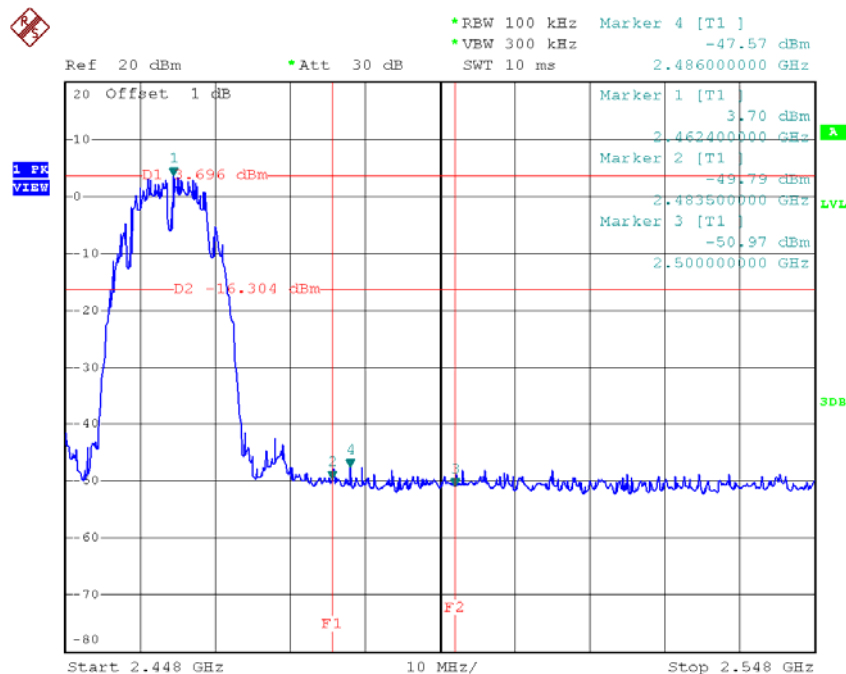
Test Mode :	TX B Mode_ANT A
-------------	-----------------

TX B mode CH01



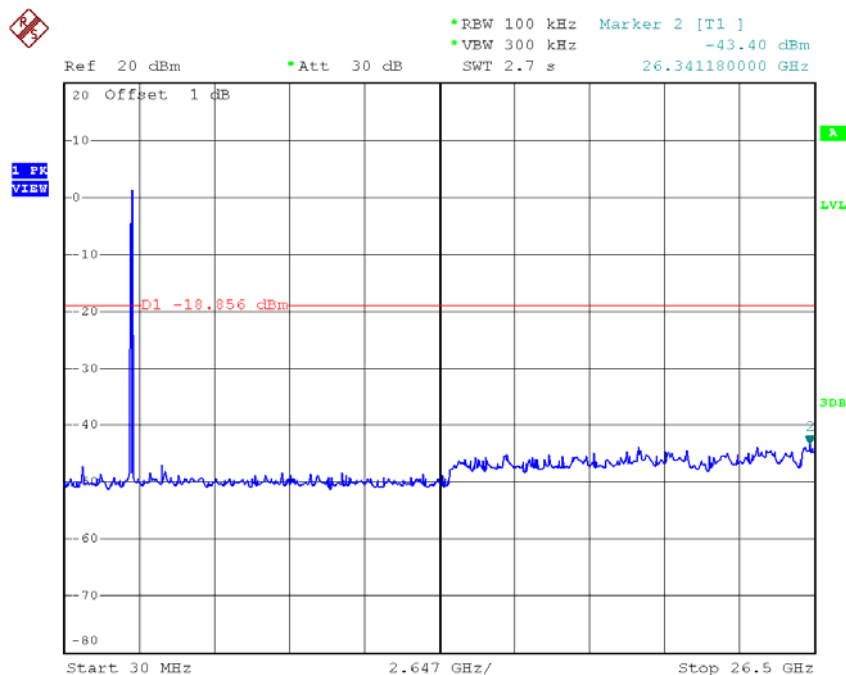
Date: 20.JUL.2015 10:11:52

TX B mode CH11



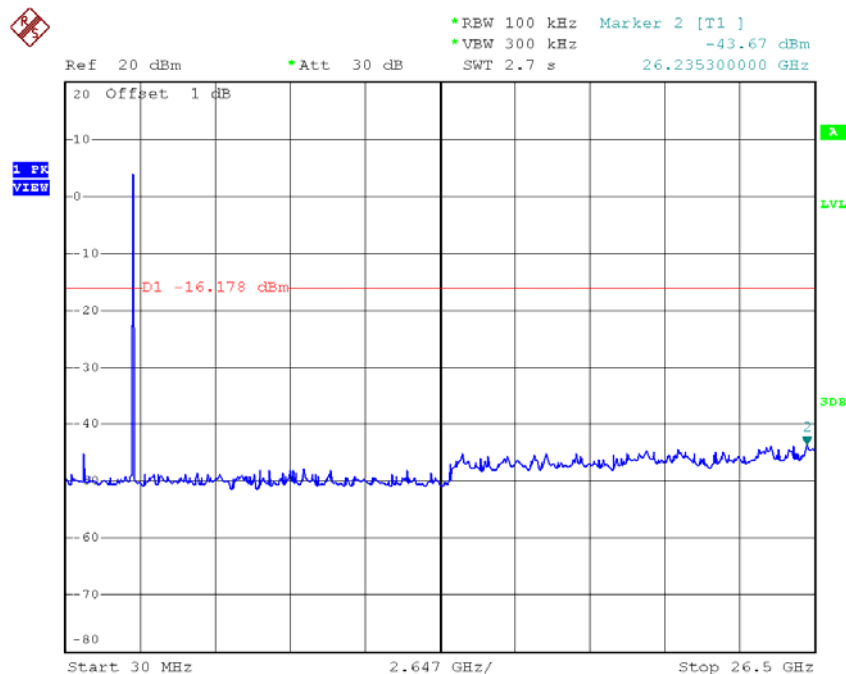
Date: 20.JUL.2015 10:15:10

TX B mode CH01 (10 Harmonic of the frequency)



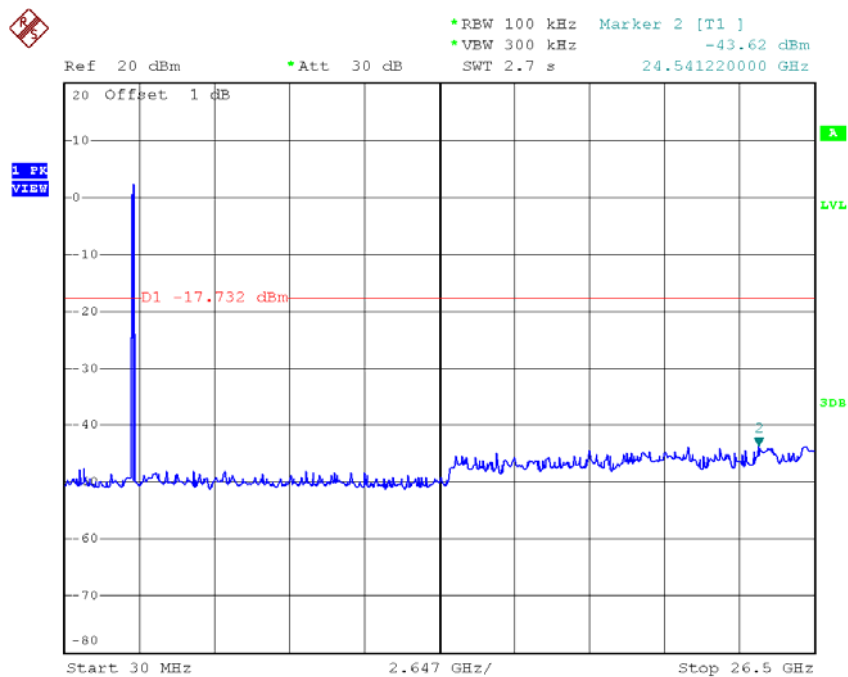
Date: 20.JUL.2015 10:11:44

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:13:42

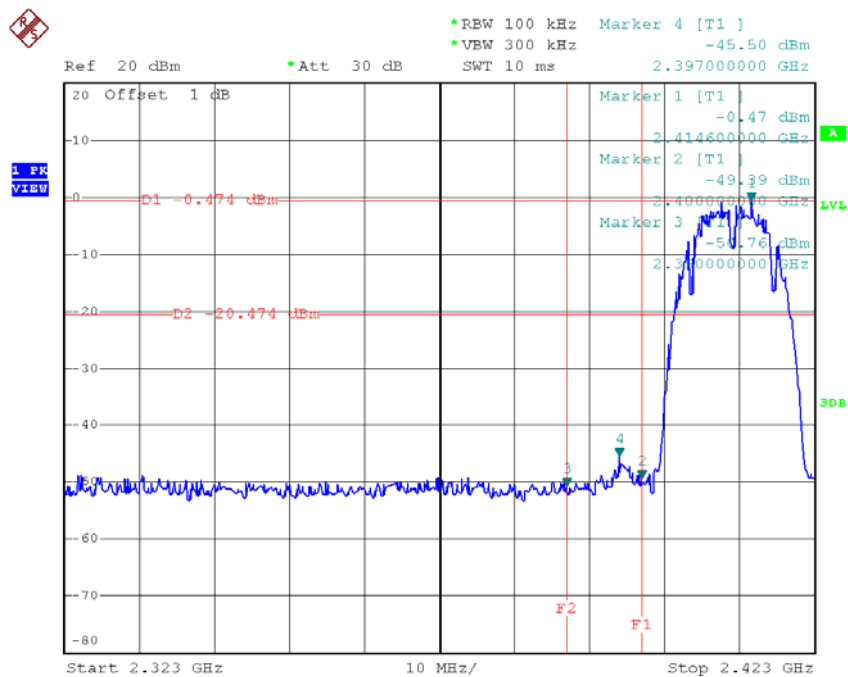
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:15:03

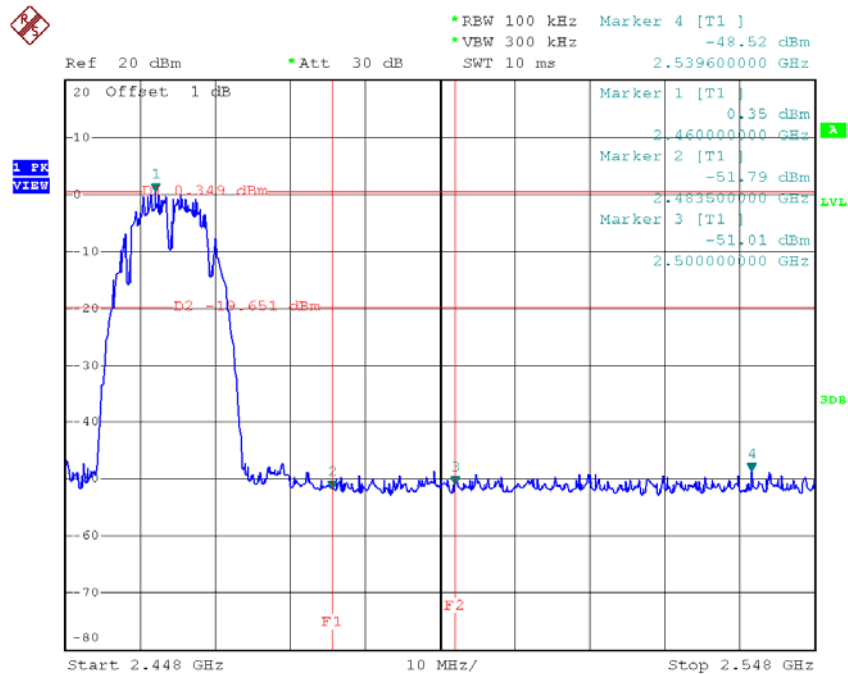
Test Mode :	TX B Mode_ANT B
-------------	-----------------

TX B mode CH01



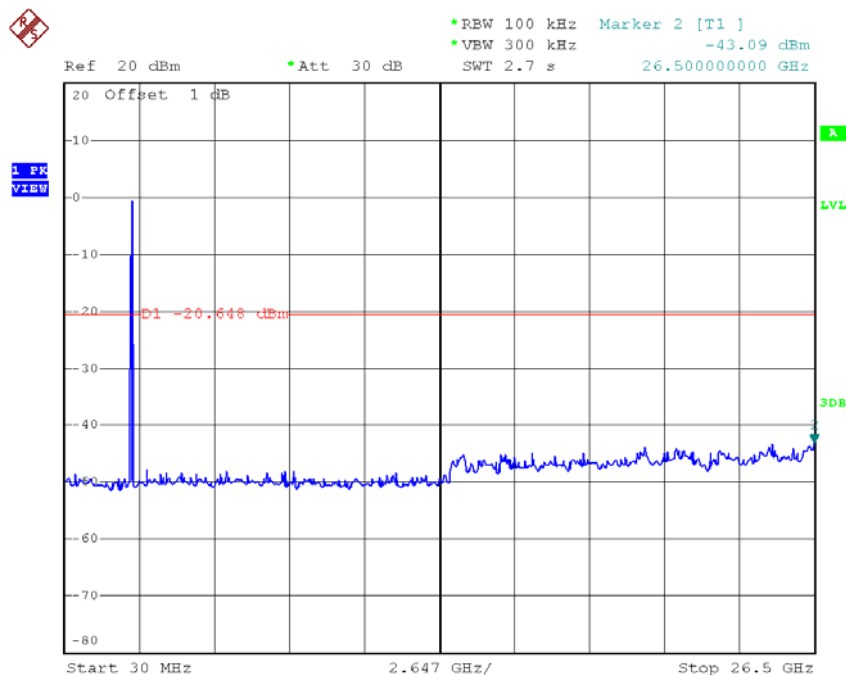
Date: 20.JUL.2015 10:56:27

TX B mode CH11



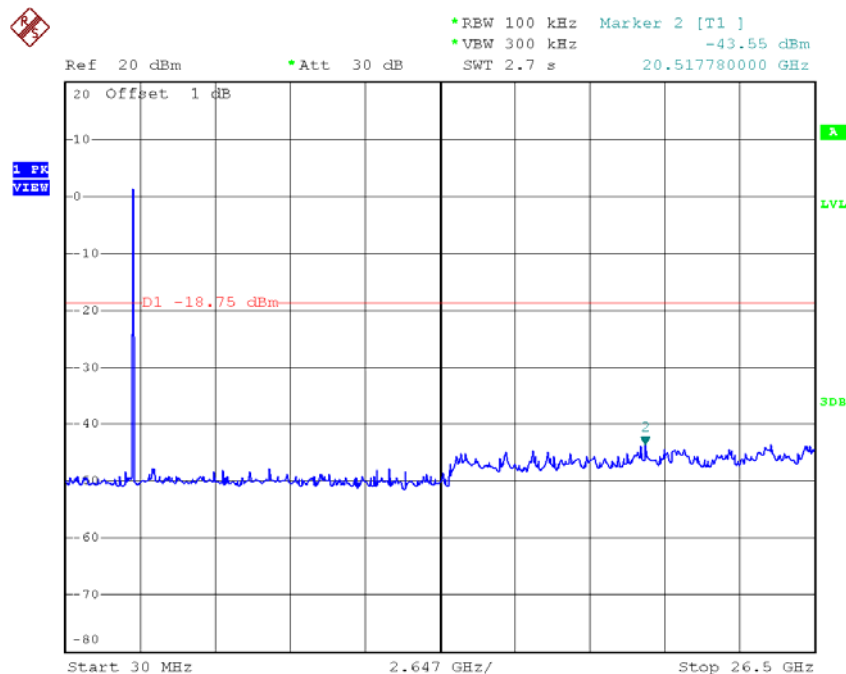
Date: 20.JUL.2015 10:59:03

TX B mode CH01 (10 Harmonic of the frequency)



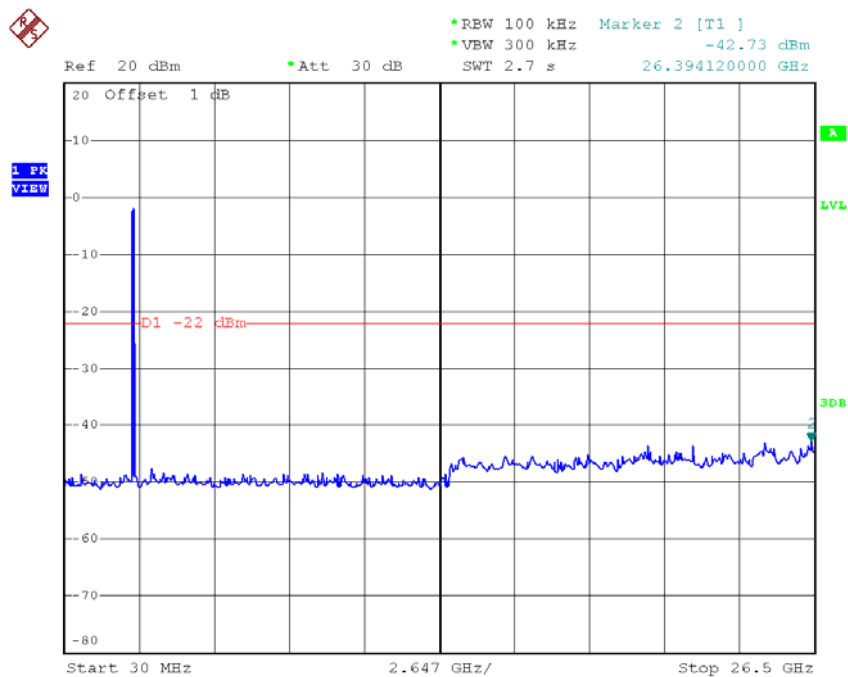
Date: 20.JUL.2015 10:56:19

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:57:33

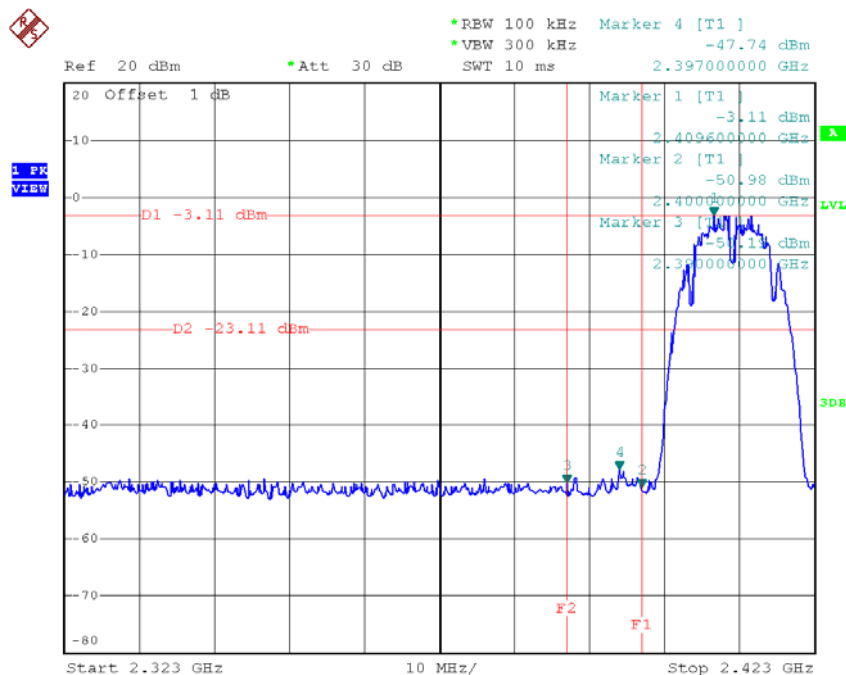
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:58:55

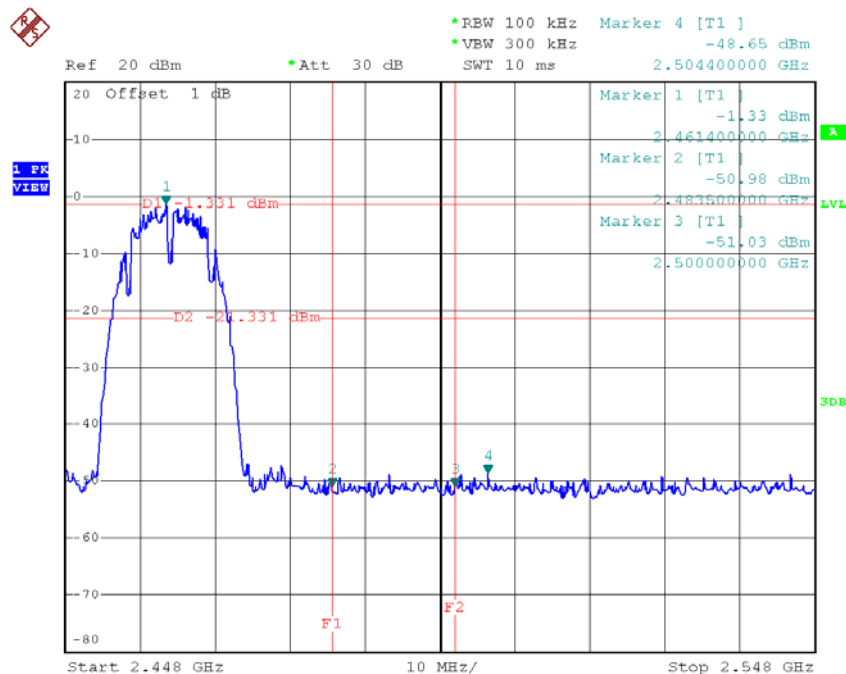
Test Mode :	TX B Mode_ANT C
-------------	-----------------

TX B mode CH01



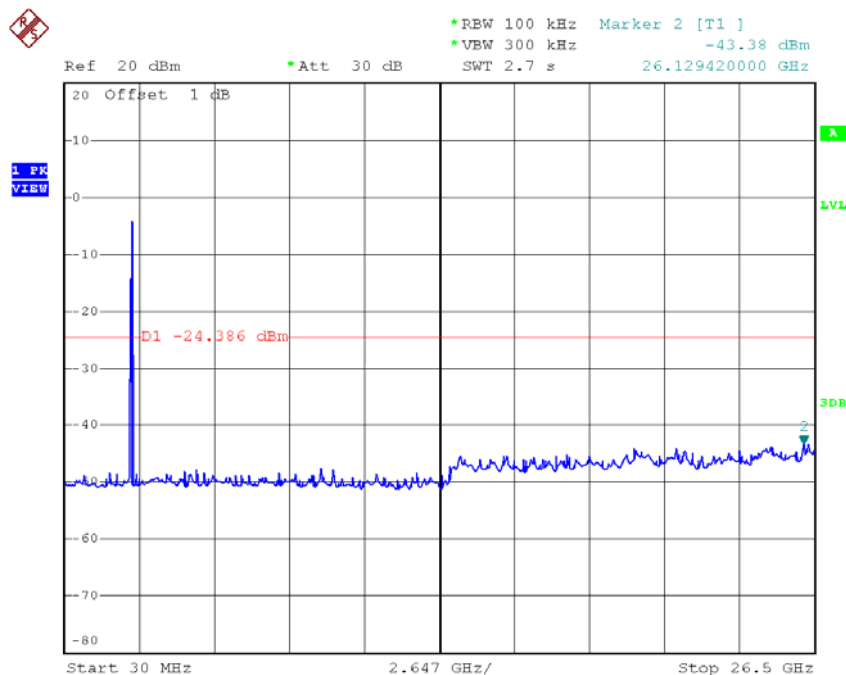
Date: 20.JUL.2015 11:48:10

TX B mode CH11



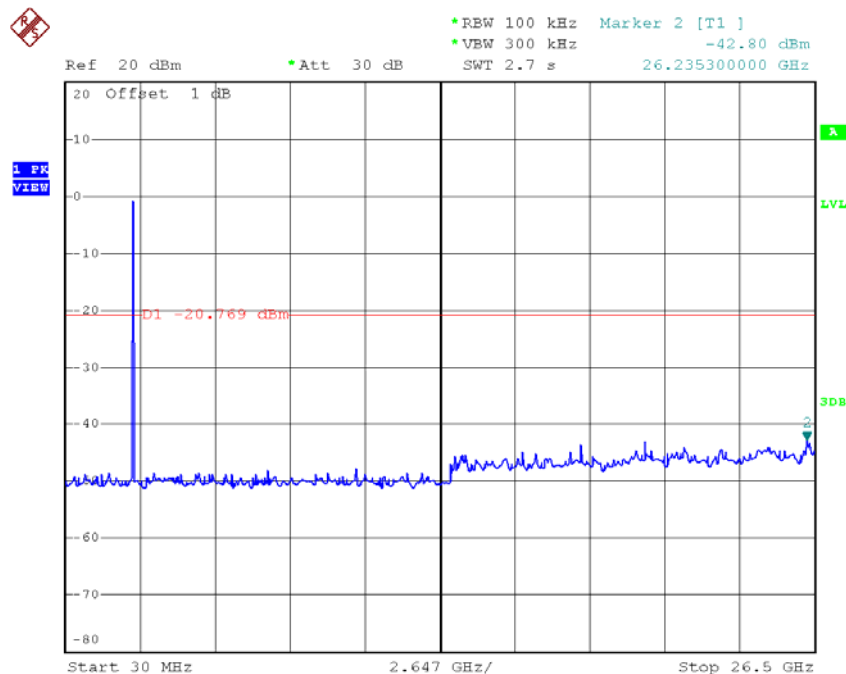
Date: 20.JUL.2015 11:50:37

TX B mode CH01 (10 Harmonic of the frequency)



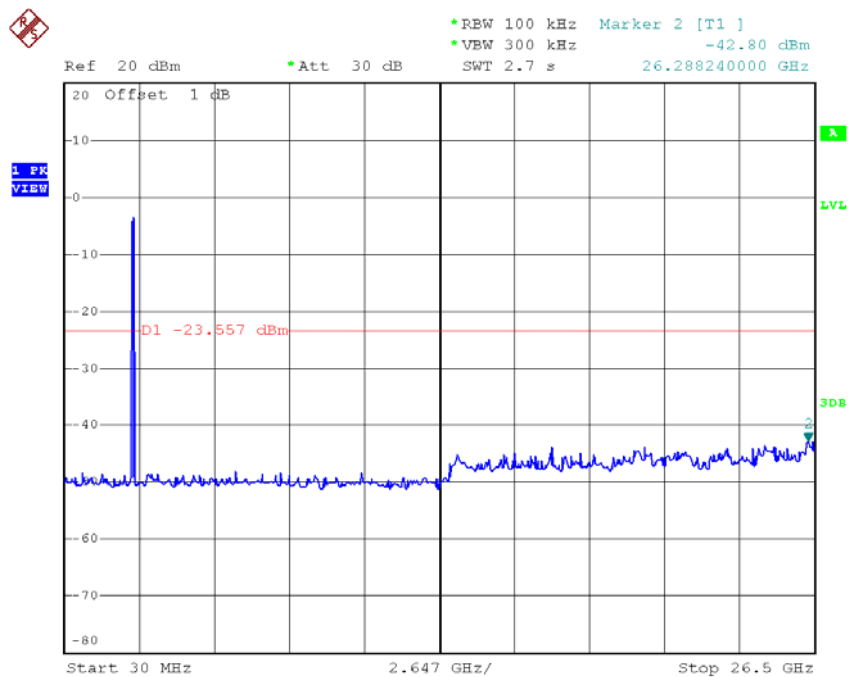
Date: 20.JUL.2015 11:48:03

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:49:18

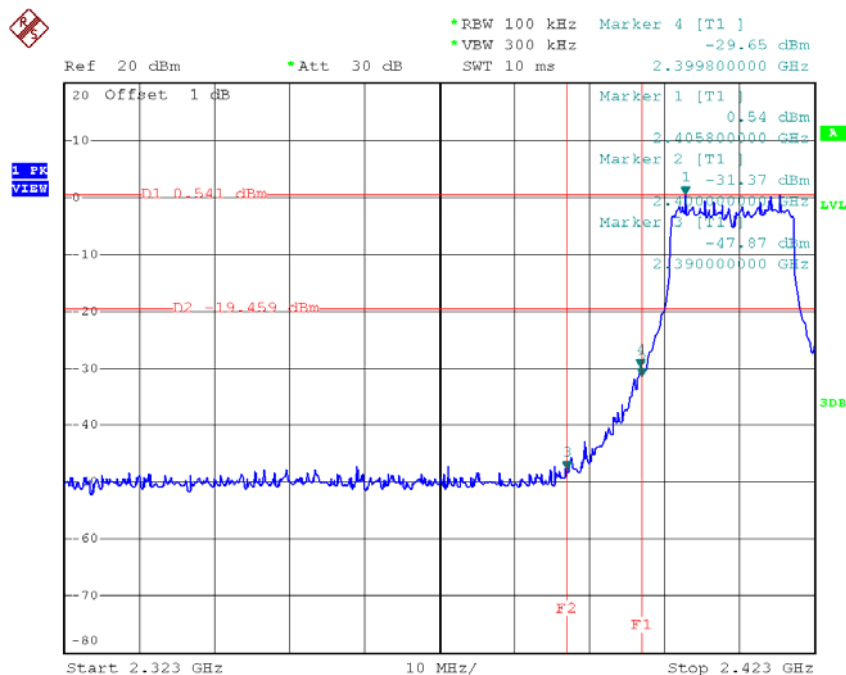
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:50:30

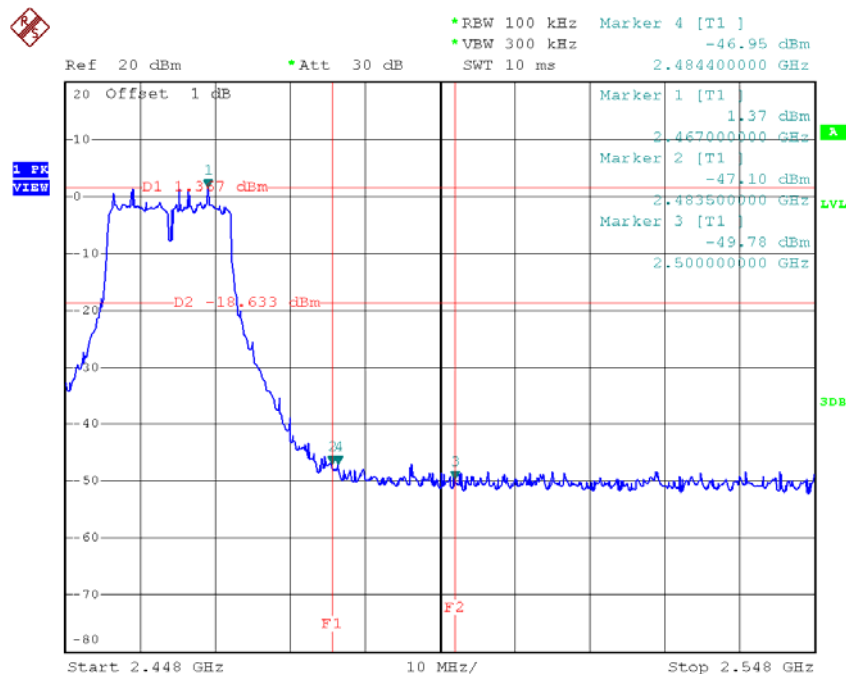
Test Mode :	TX G Mode_ANT A
-------------	-----------------

TX G mode CH01



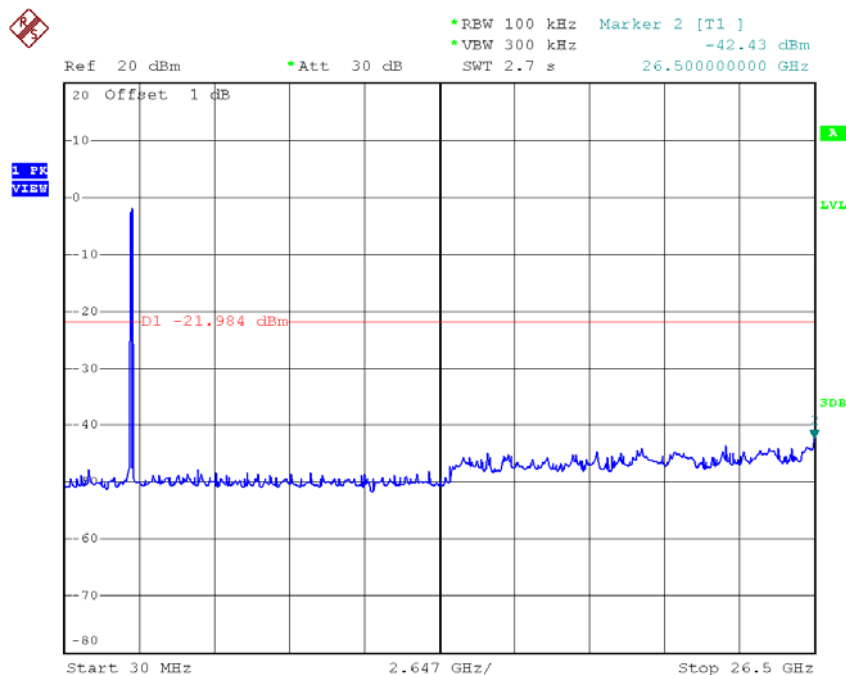
Date: 20.JUL.2015 10:16:27

TX G mode CH11



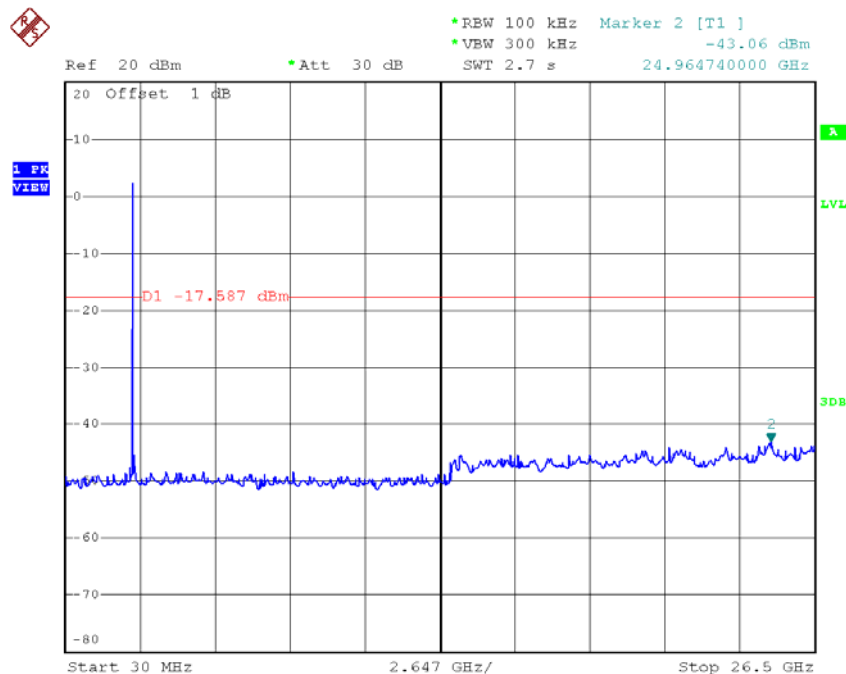
Date: 20.JUL.2015 10:19:18

TX G mode CH01 (10 Harmonic of the frequency)



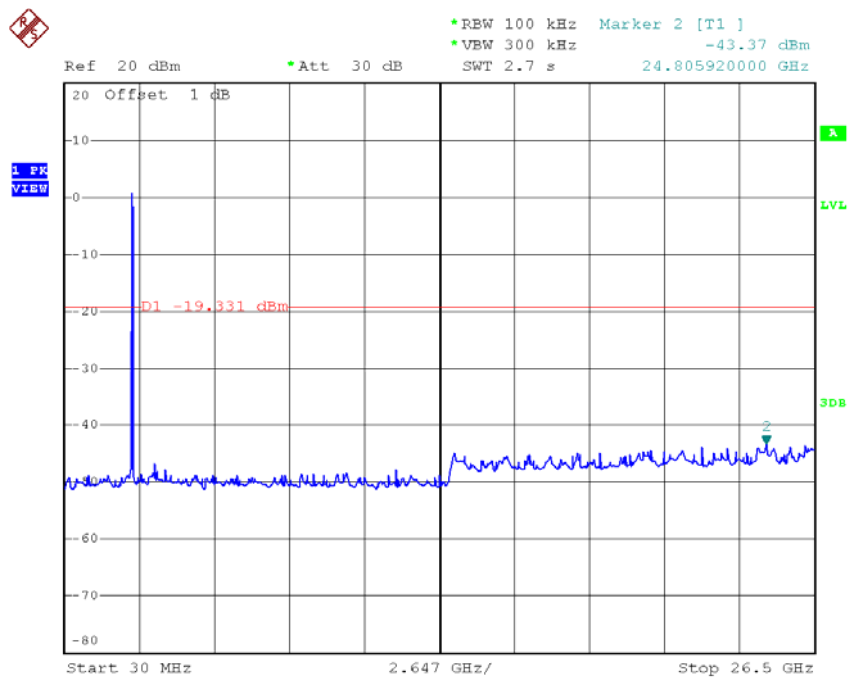
Date: 20.JUL.2015 10:16:20

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:17:51

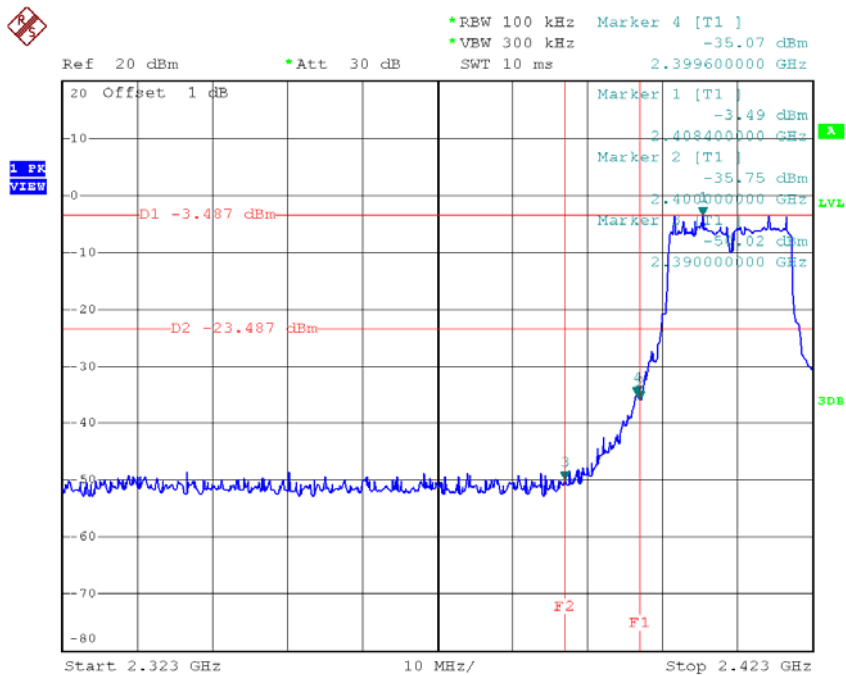
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:19:10

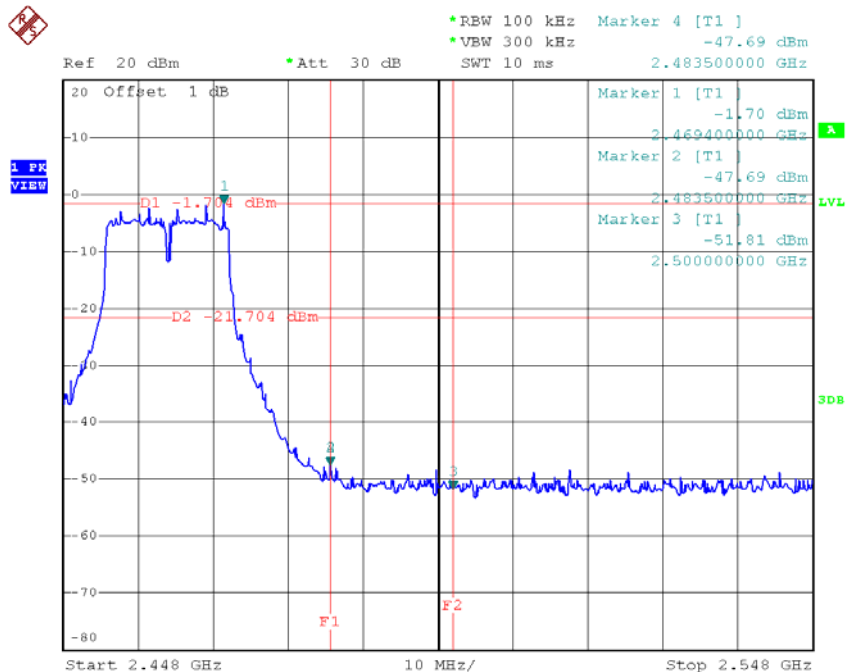
Test Mode :	TX G Mode_ANT B
--------------------	------------------------

TX G mode CH01



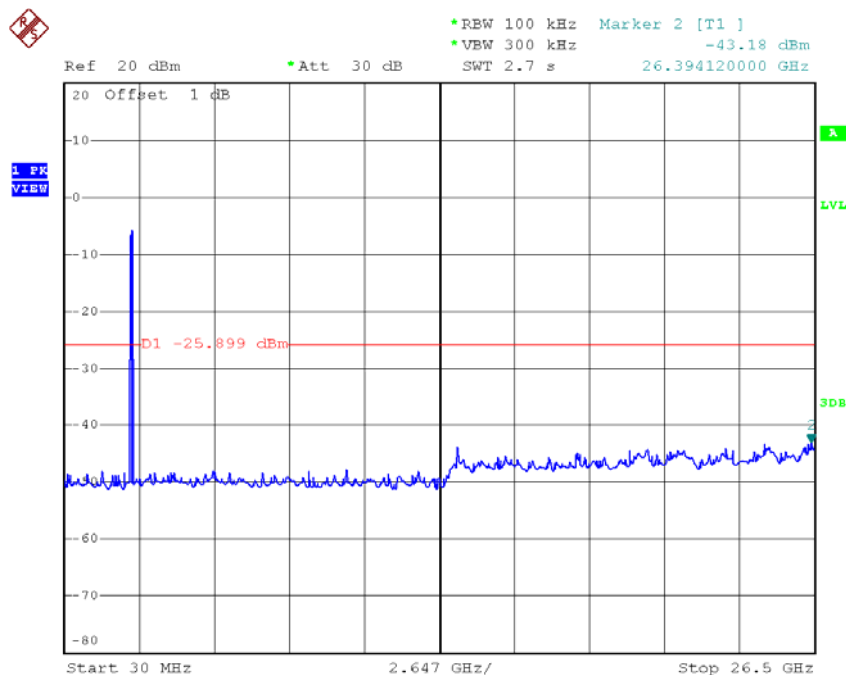
Date: 20.JUL.2015 11:00:20

TX G mode CH11



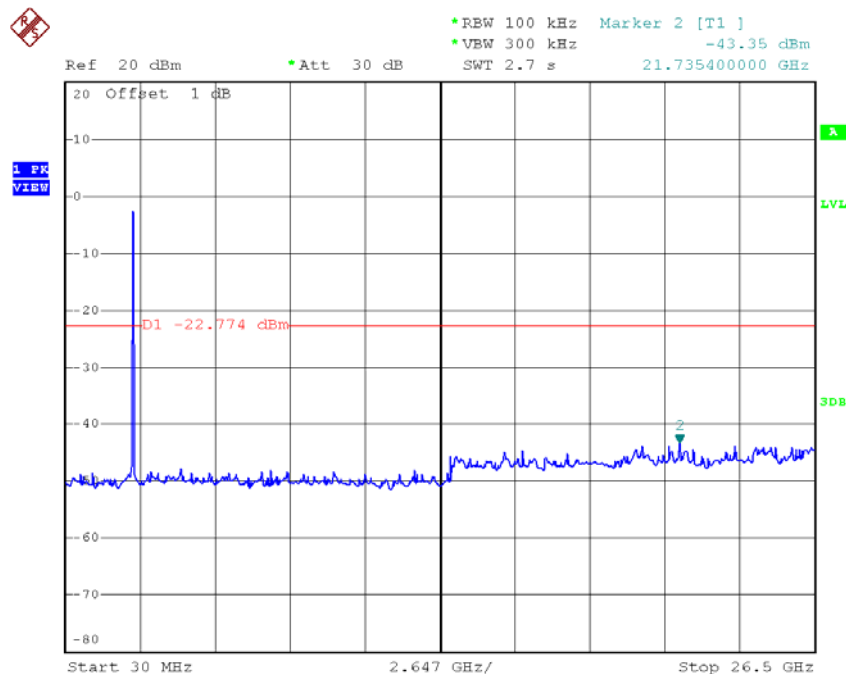
Date: 20.JUL.2015 11:02:25

TX G mode CH01 (10 Harmonic of the frequency)



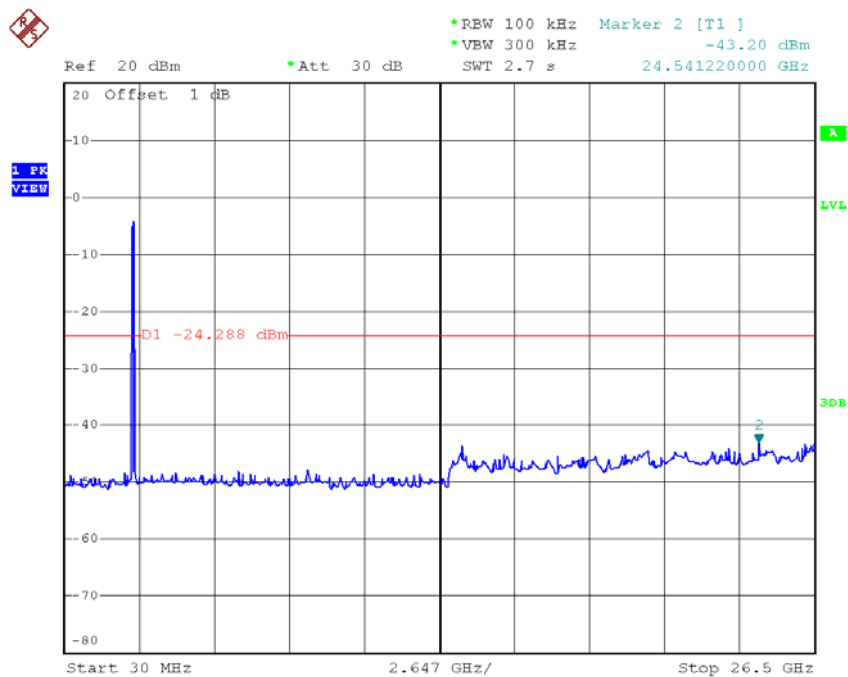
Date: 20.JUL.2015 11:00:13

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:01:22

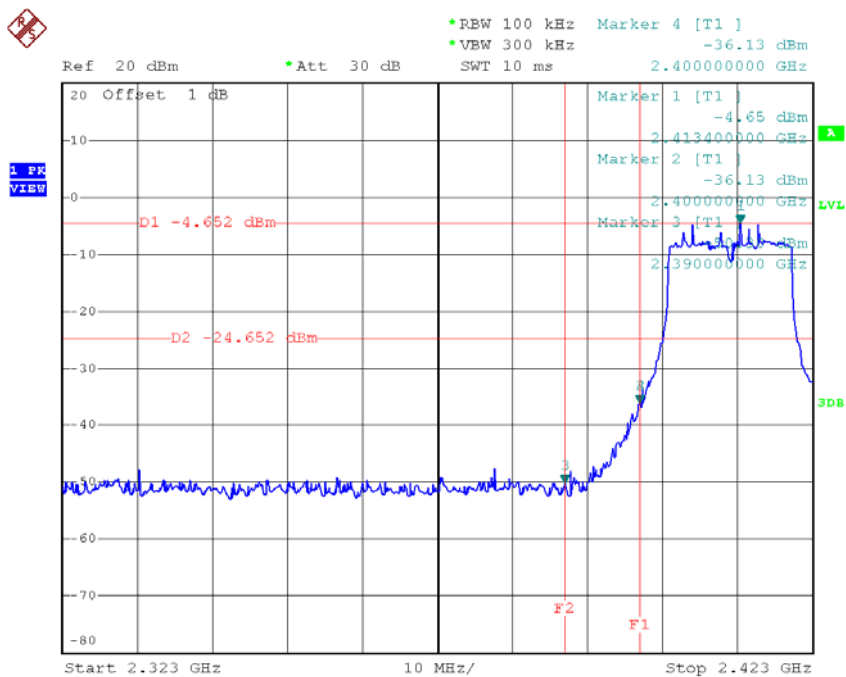
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:02:17

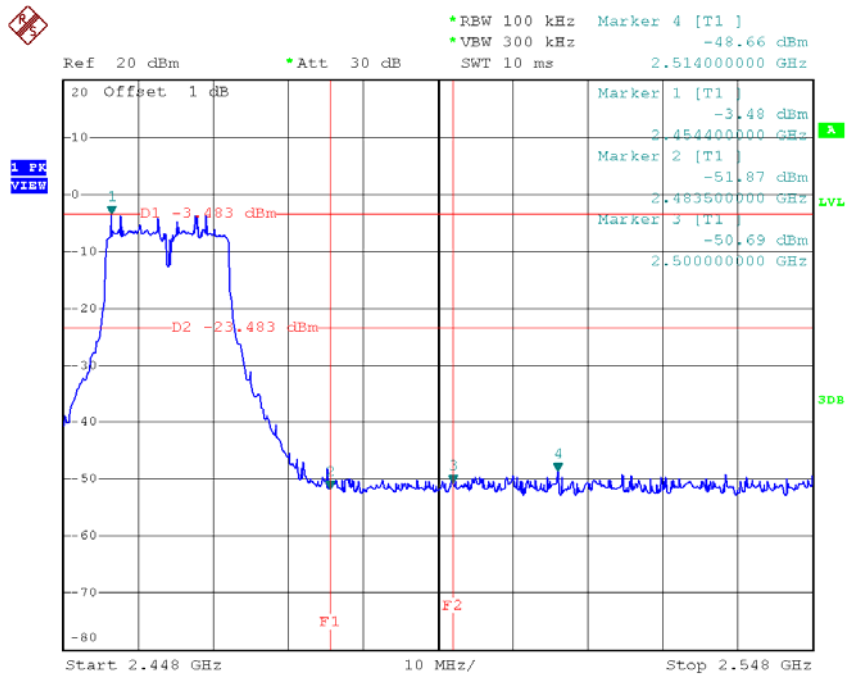
Test Mode :	TX G Mode_ANT C
-------------	-----------------

TX G mode CH01



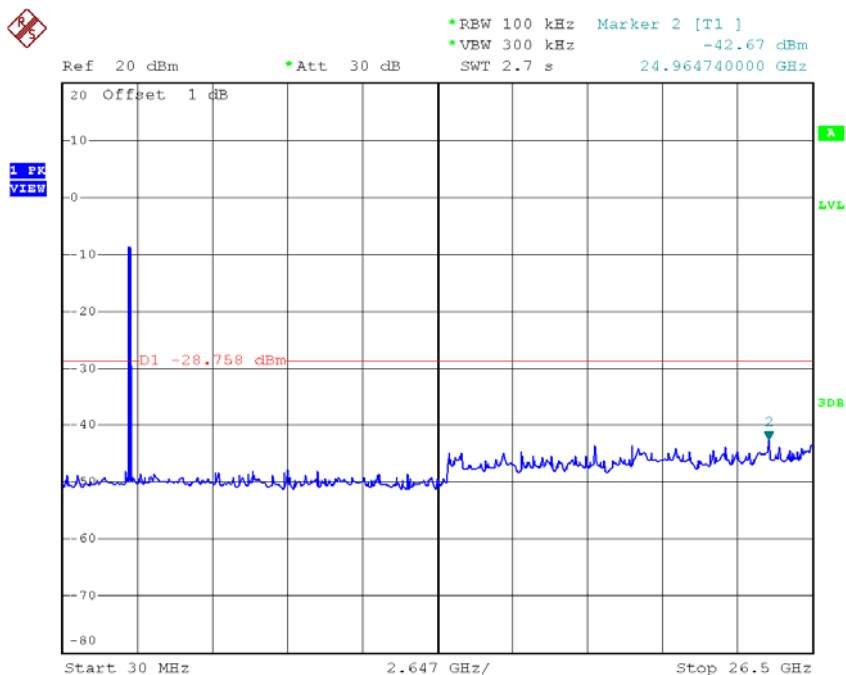
Date: 20.JUL.2015 11:51:43

TX G mode CH11



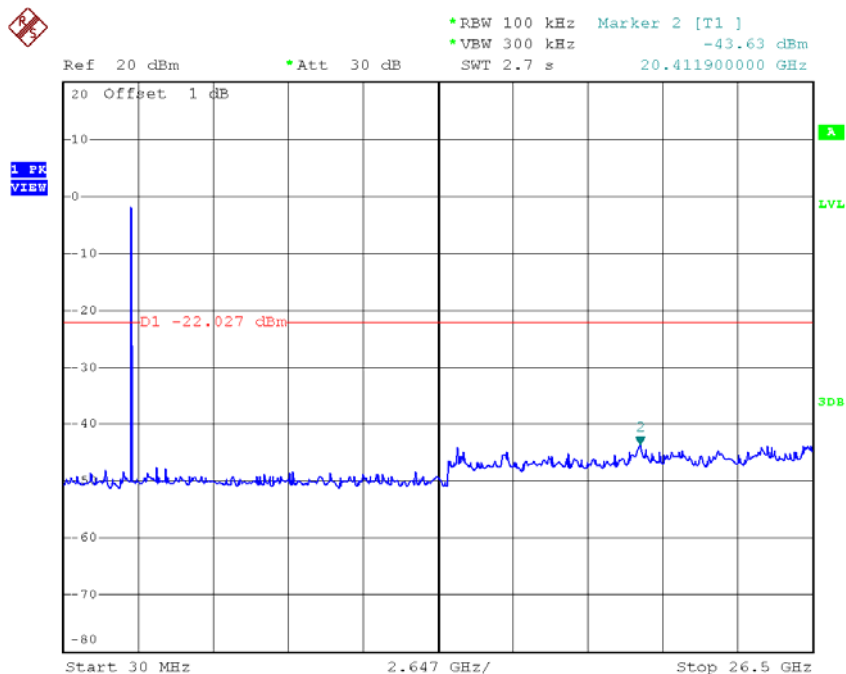
Date: 20.JUL.2015 11:53:36

TX G mode CH01 (10 Harmonic of the frequency)



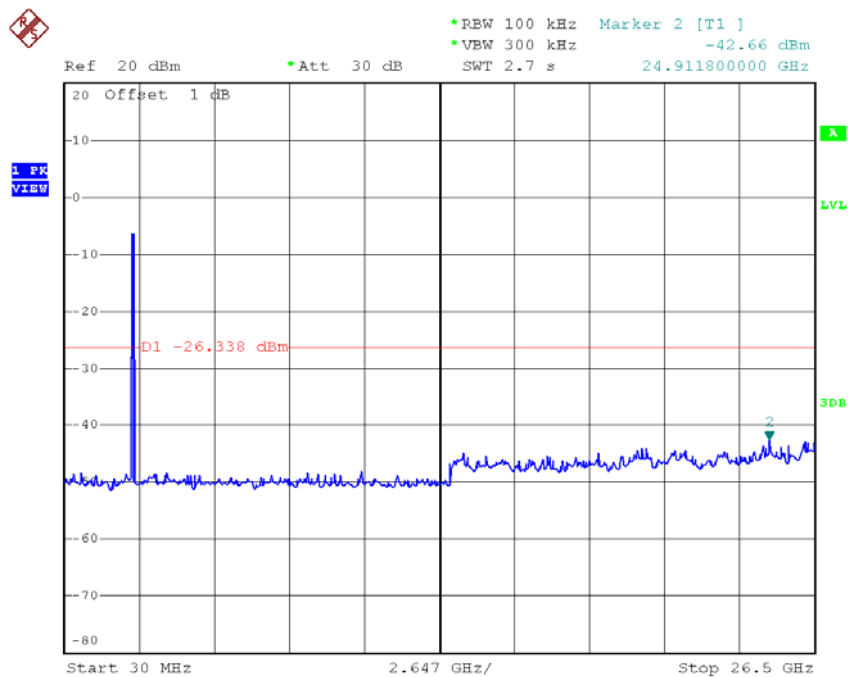
Date: 20.JUL.2015 11:51:35

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:52:33

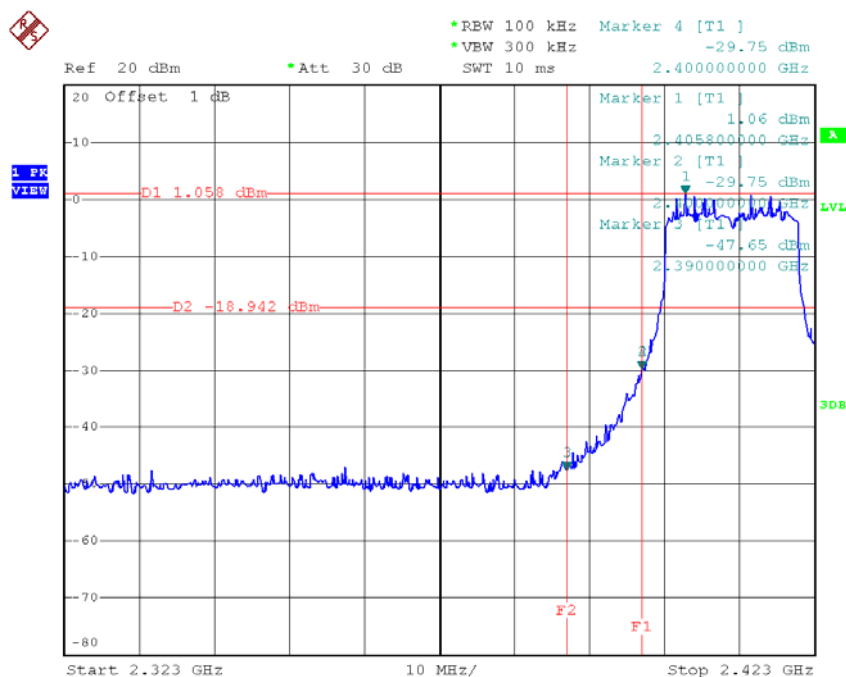
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:53:28

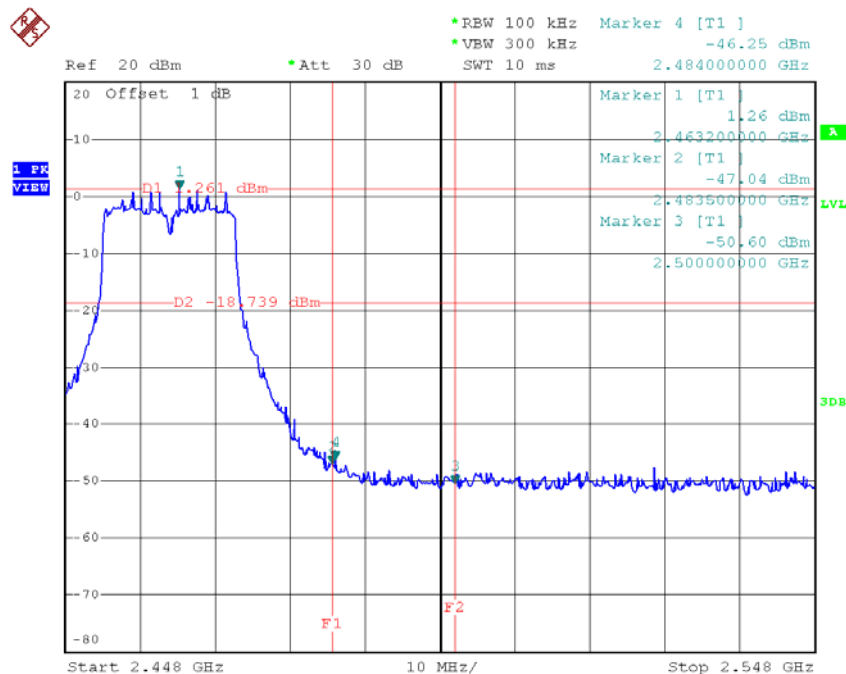
Test Mode :	TX N-20M Mode_ANT A
-------------	---------------------

TX HT20 mode CH01



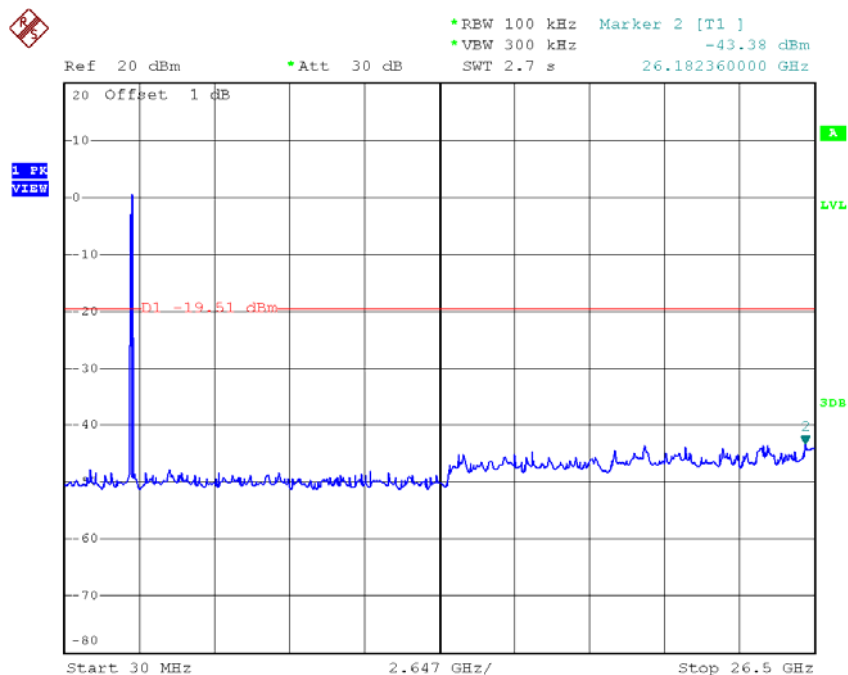
Date: 20.JUL.2015 10:23:35

TX HT20 mode CH11



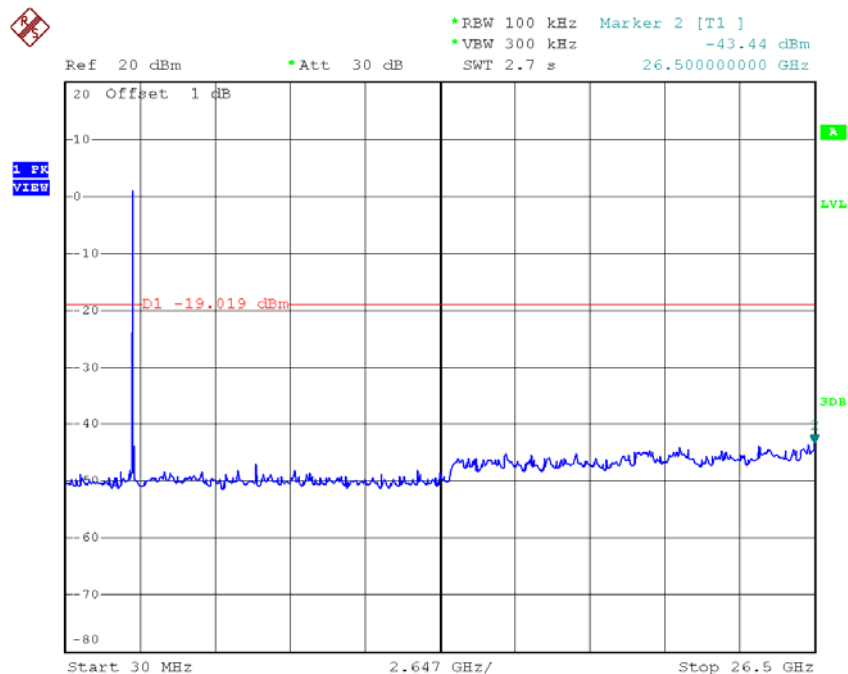
Date: 20.JUL.2015 10:25:46

TX HT20 mode CH01 (10 Harmonic of the frequency)



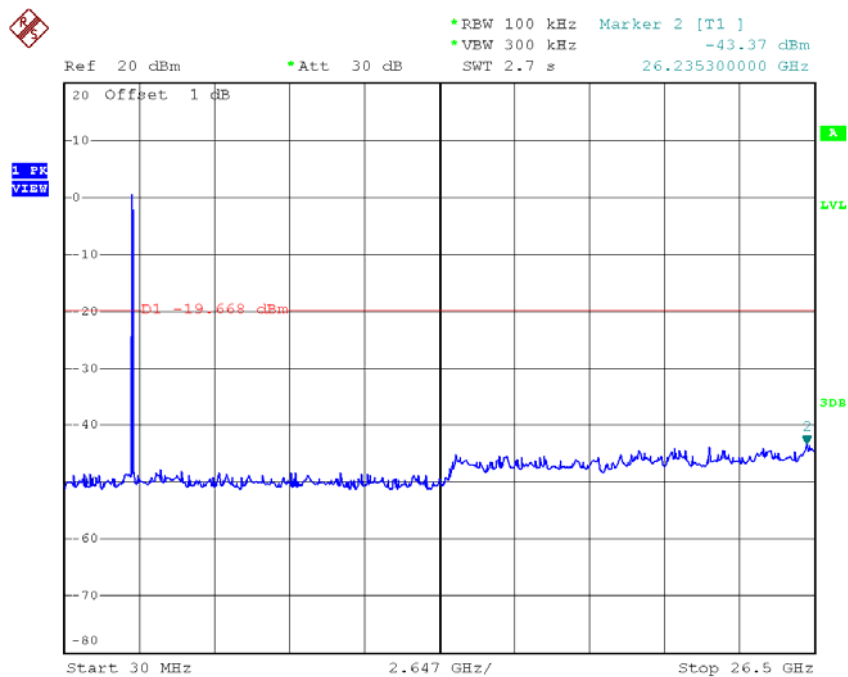
Date: 20.JUL.2015 10:23:27

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:24:31

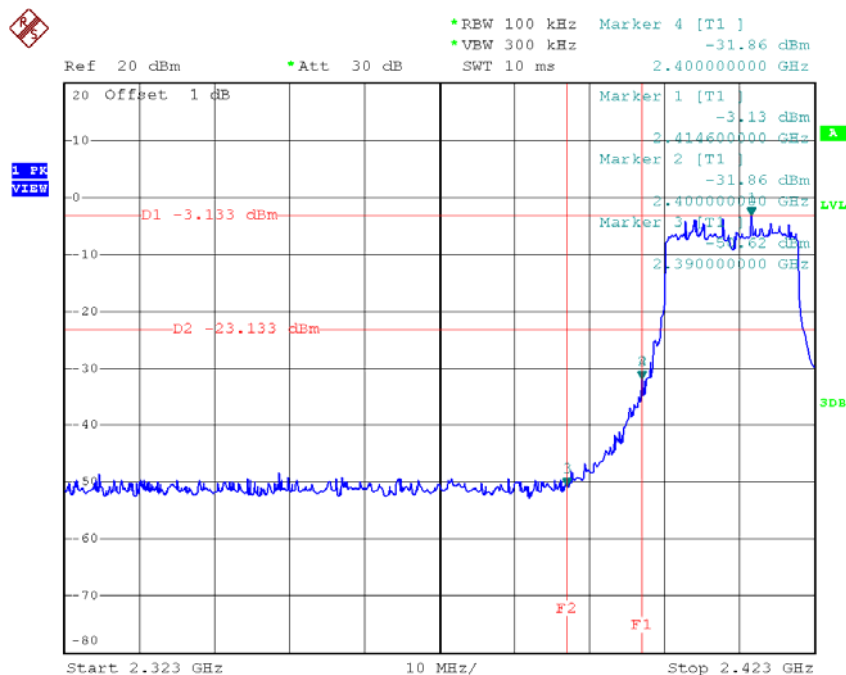
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:25:38

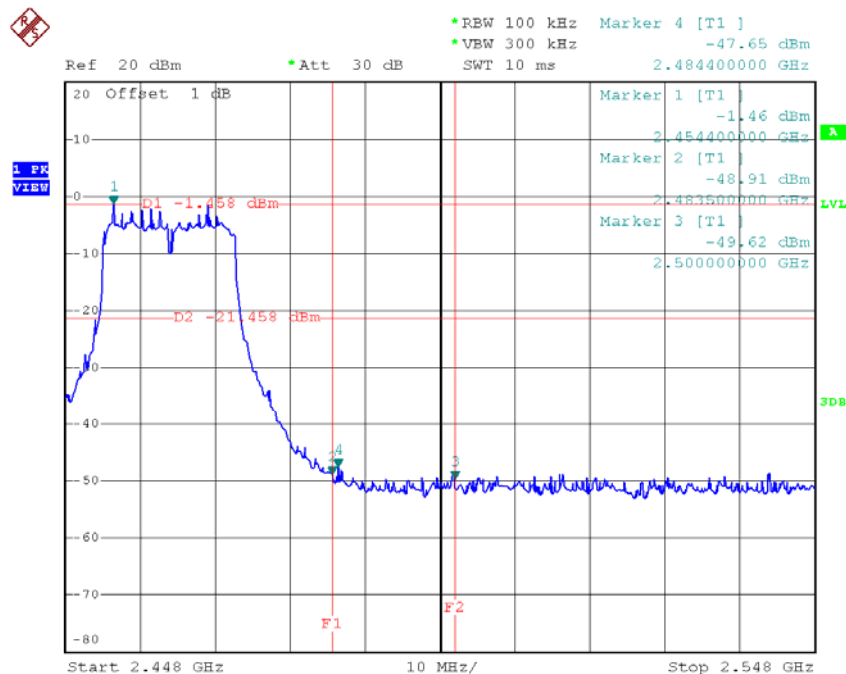
Test Mode :	TX N-20M Mode_ANT B
--------------------	----------------------------

TX HT20 mode CH01



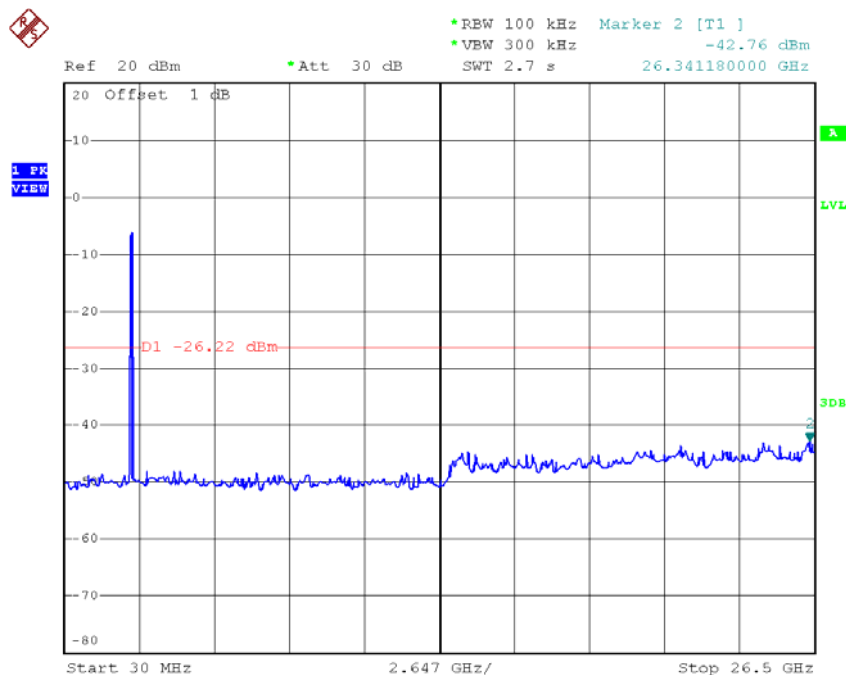
Date: 20.JUL.2015 11:04:12

TX HT20 mode CH11



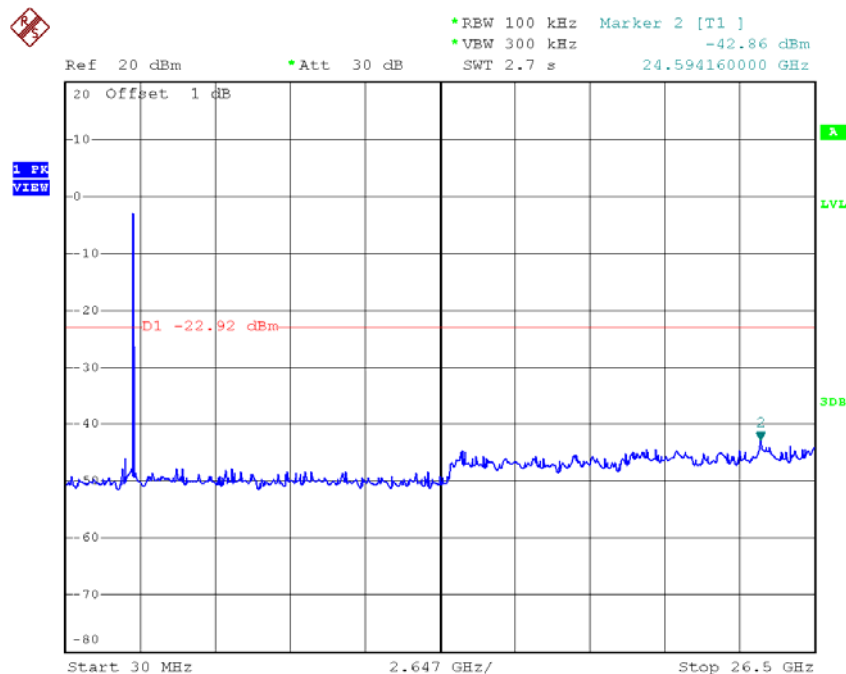
Date: 20.JUL.2015 11:06:04

TX HT20 mode CH01 (10 Harmonic of the frequency)



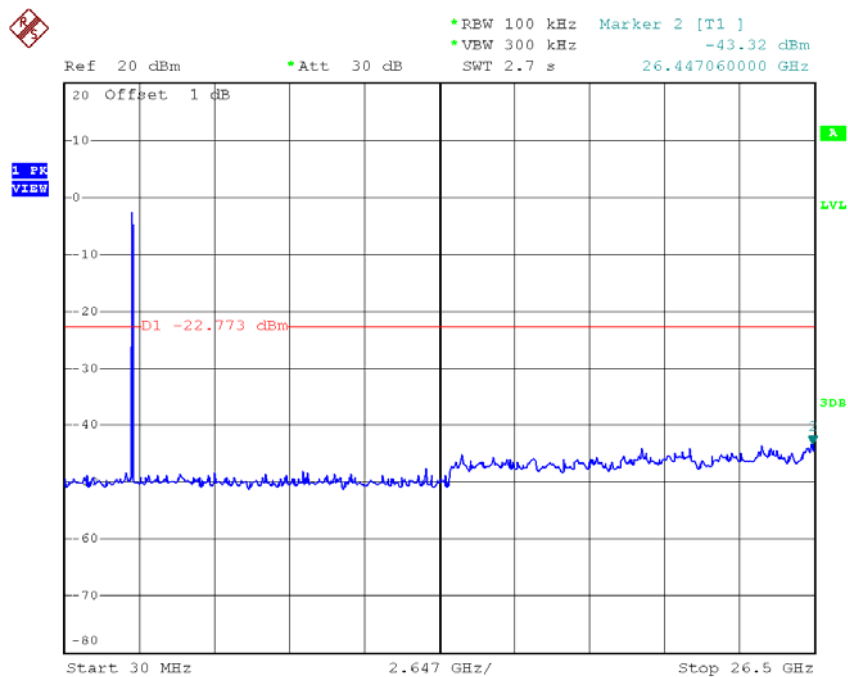
Date: 20.JUL.2015 11:04:05

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:05:01

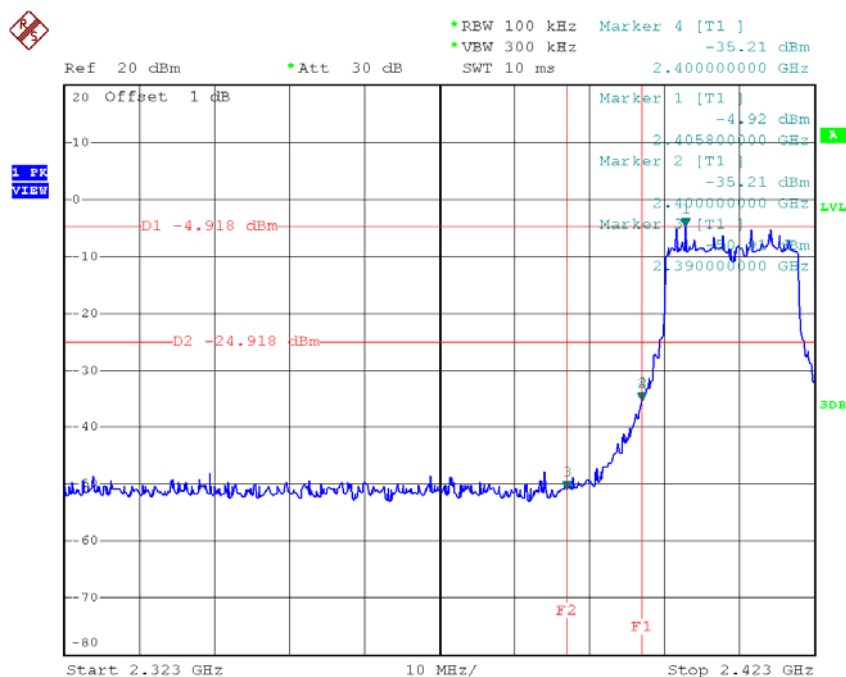
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:05:56

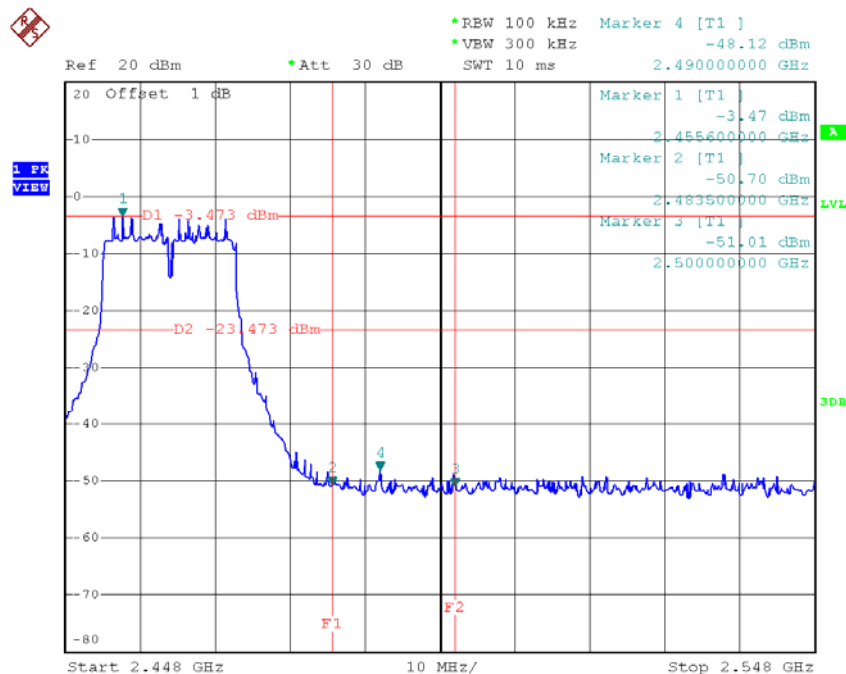
Test Mode :	TX N-20M Mode_ANT C
-------------	---------------------

TX HT20 mode CH01



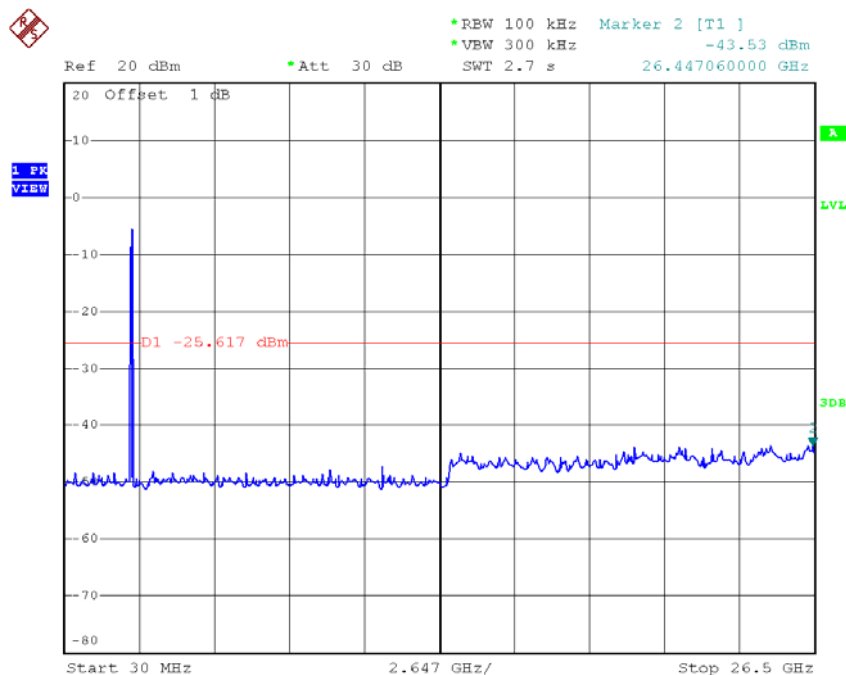
Date: 20.JUL.2015 11:54:40

TX HT20 mode CH11



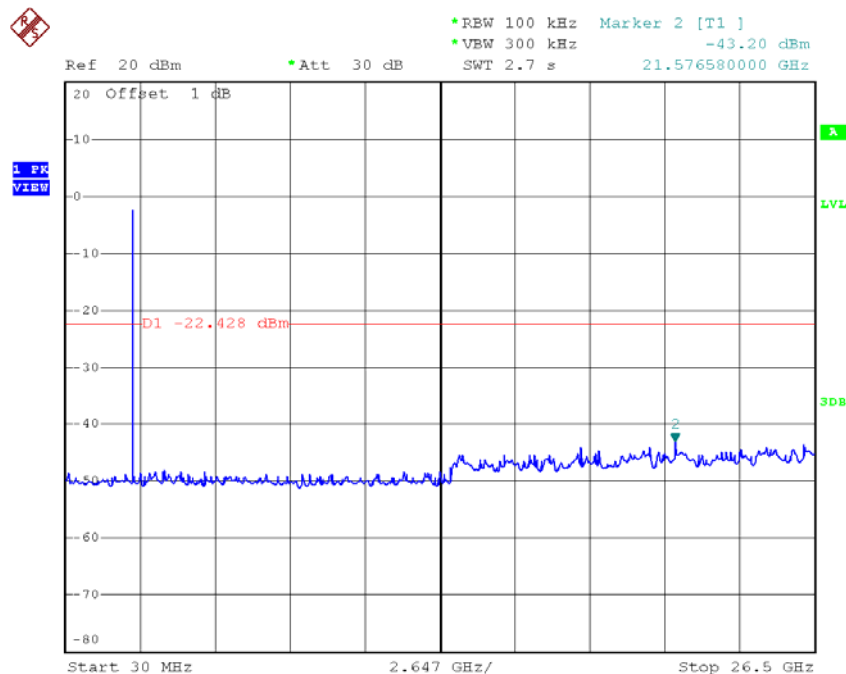
Date: 20.JUL.2015 11:56:37

TX HT20 mode CH01 (10 Harmonic of the frequency)



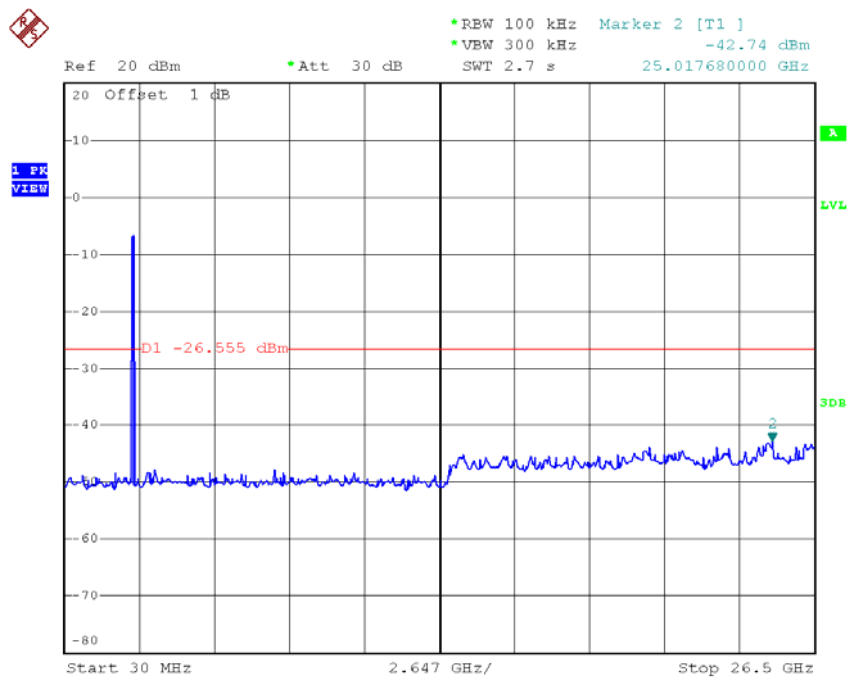
Date: 20.JUL.2015 11:54:32

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:55:37

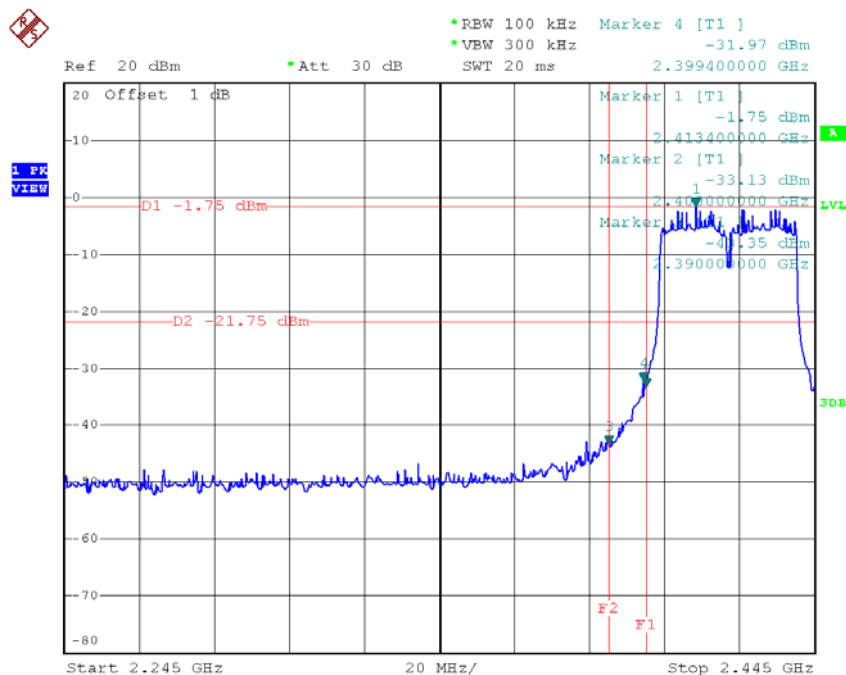
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:56:29

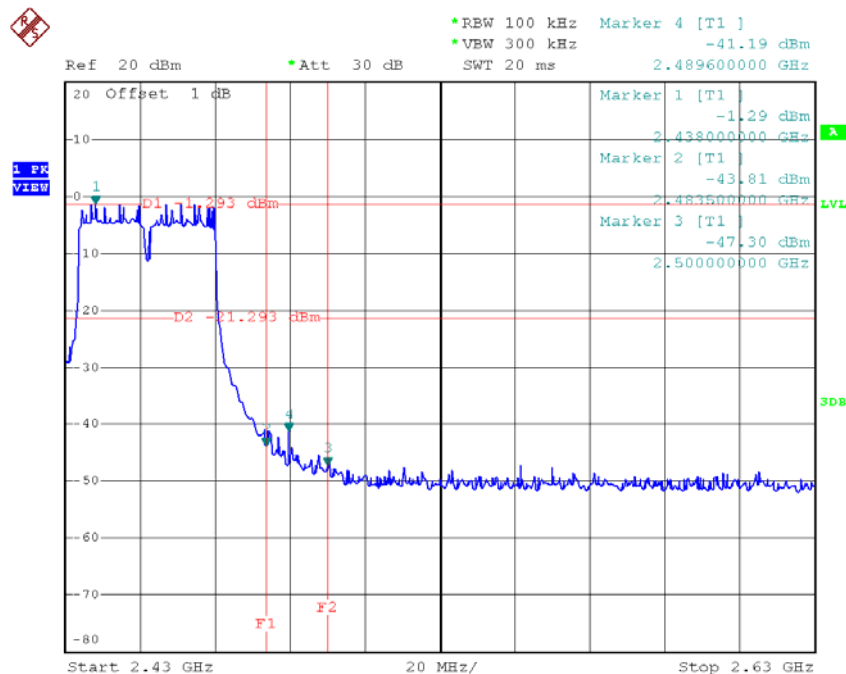
Test Mode :	TX N-40M Mode_ANT A
-------------	---------------------

TX HT40 mode CH03



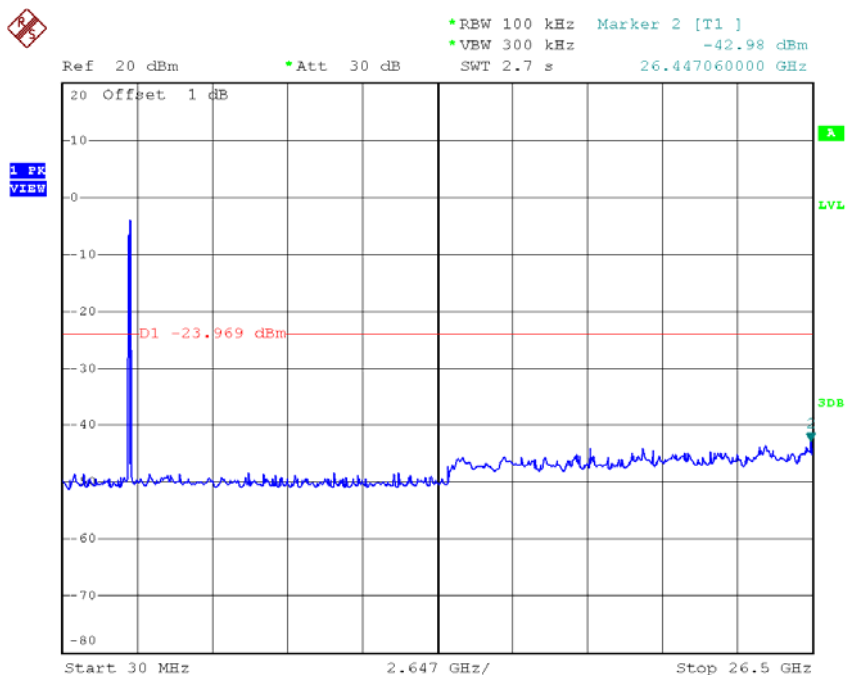
Date: 20.JUL.2015 10:27:41

TX HT40 mode CH09



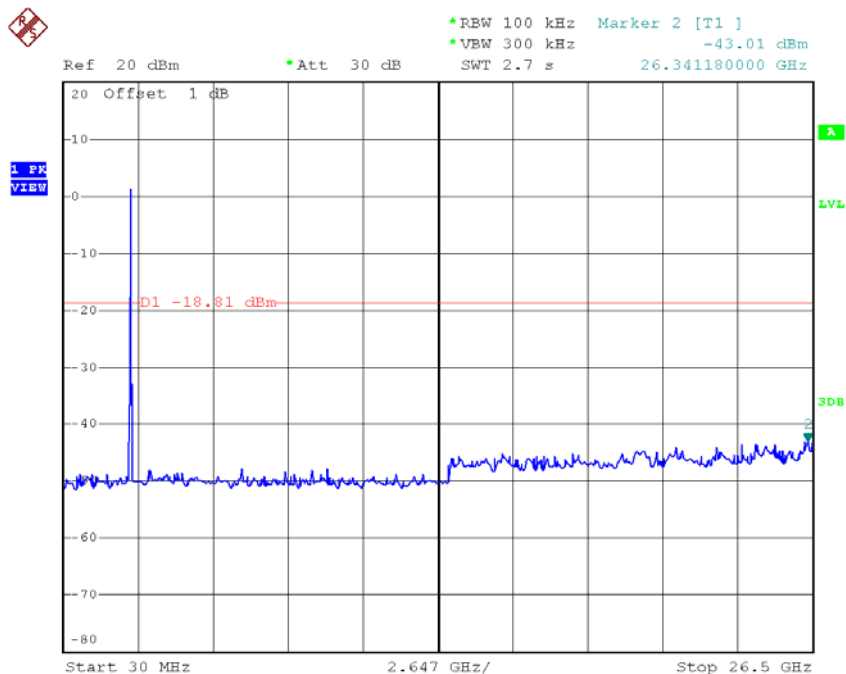
Date: 20.JUL.2015 10:29:46

TX HT40 mode CH03 (10 Harmonic of the frequency)



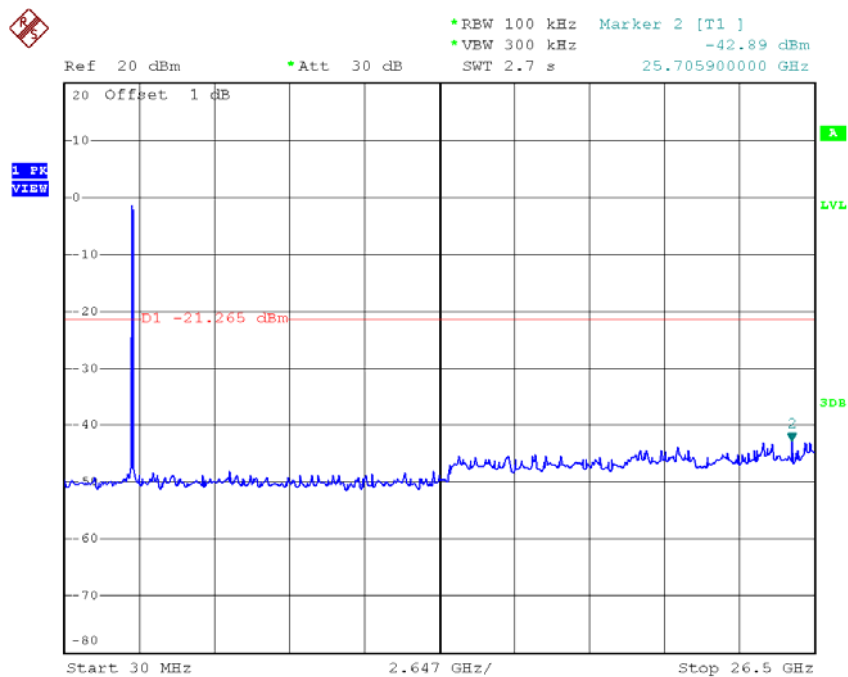
Date: 20.JUL.2015 10:27:33

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:28:36

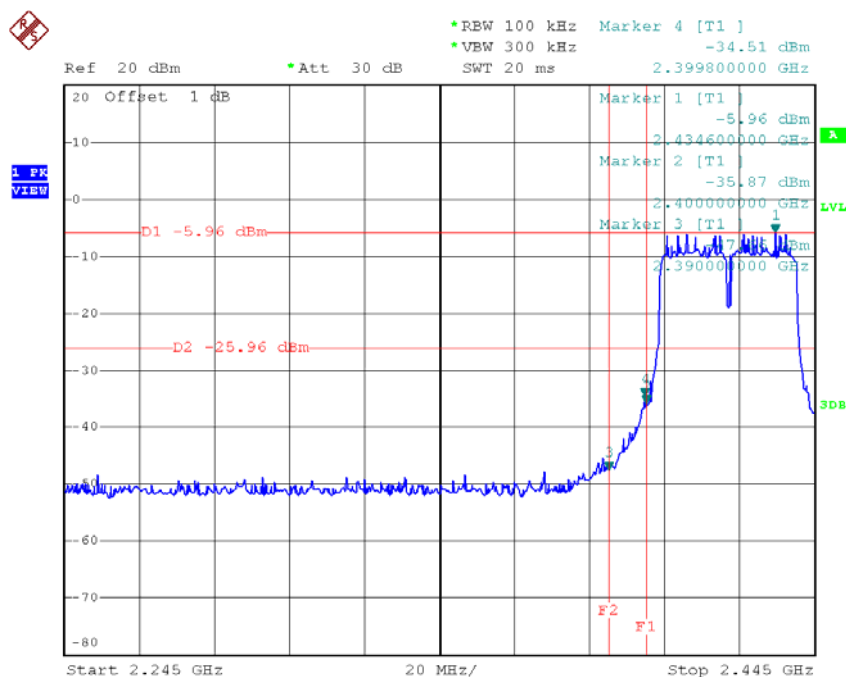
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:29:38

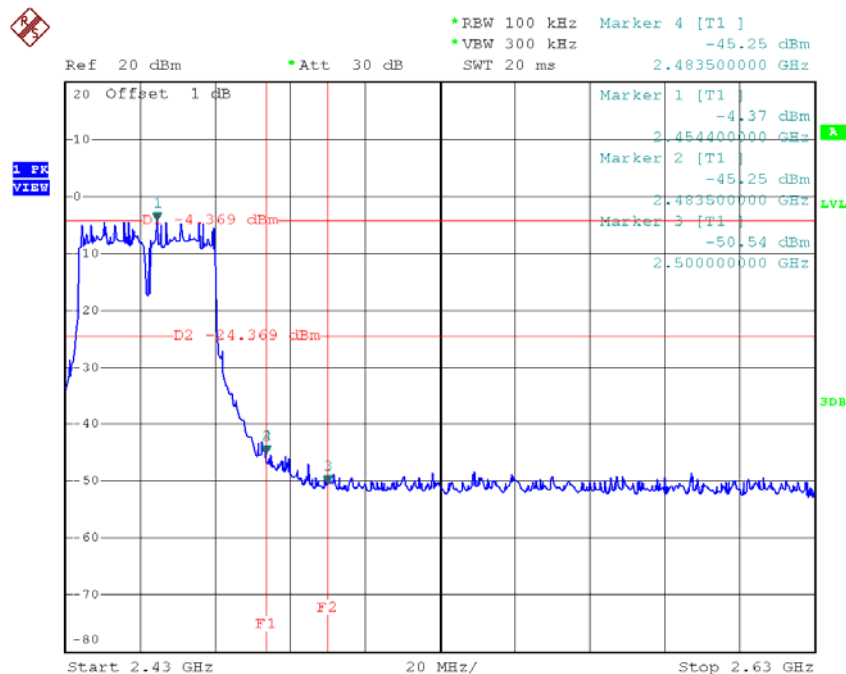
Test Mode :	TX N-40M Mode_ANT B
--------------------	----------------------------

TX HT40 mode CH03



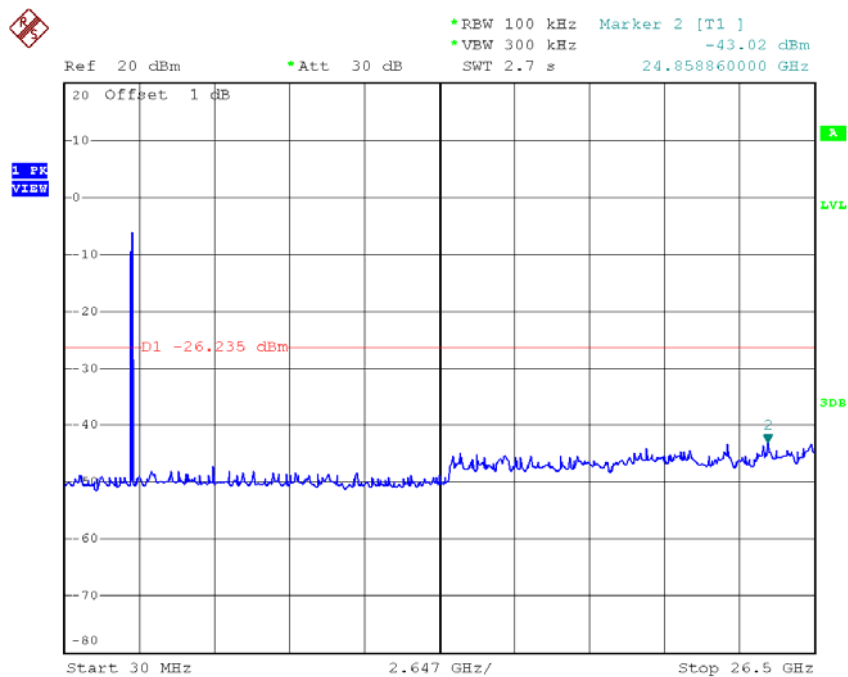
Date: 20.JUL.2015 11:07:09

TX HT40 mode CH09



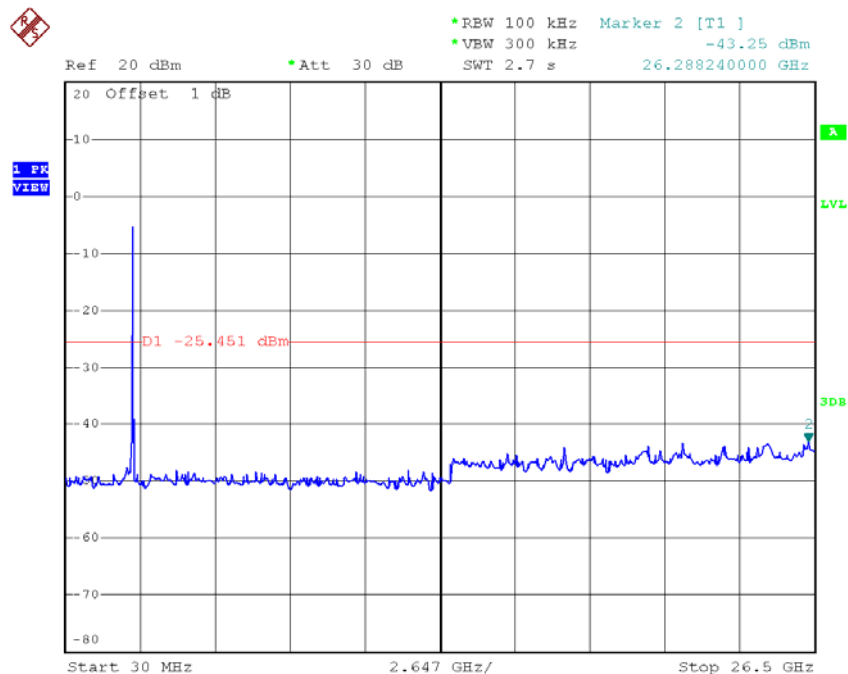
Date: 20.JUL.2015 11:09:37

TX HT40 mode CH03 (10 Harmonic of the frequency)



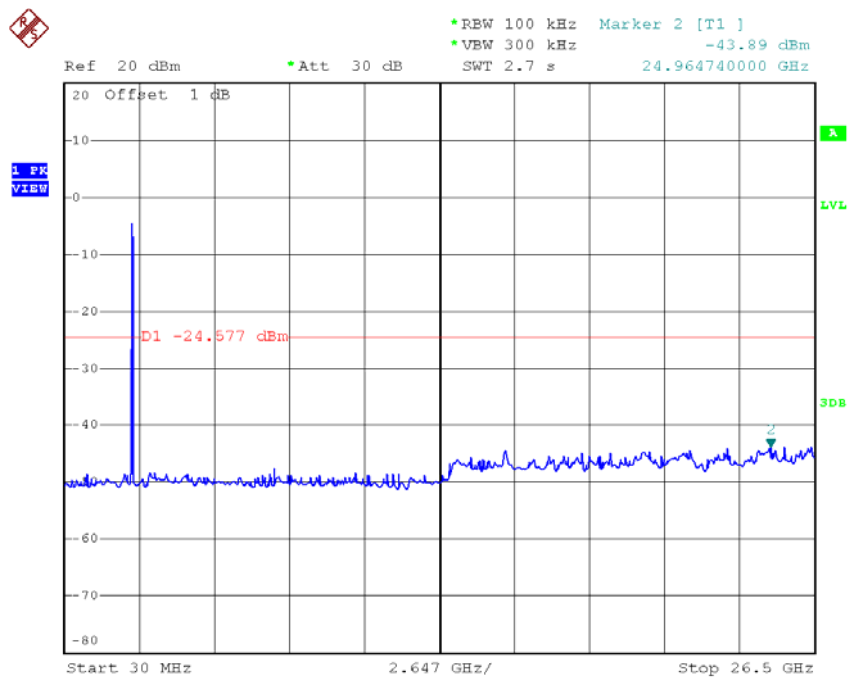
Date: 20.JUL.2015 11:07:01

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:08:09

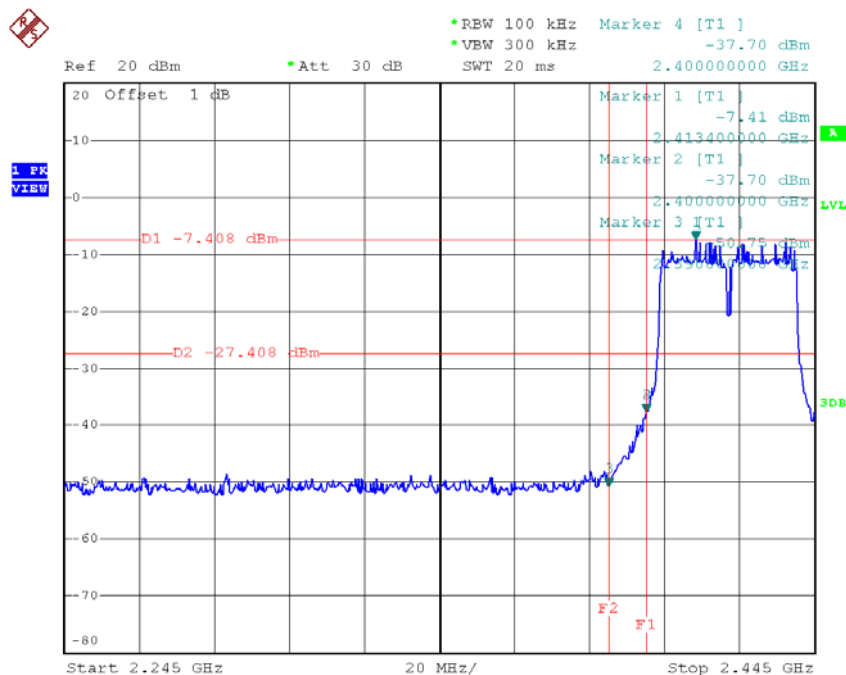
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:09:30

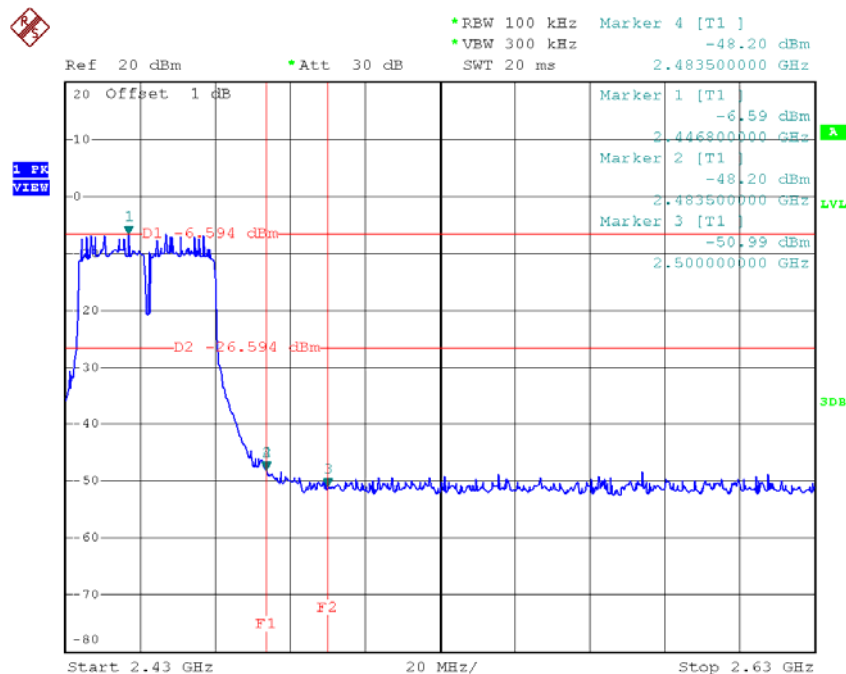
Test Mode :	TX N-40M Mode_ANT C
-------------	---------------------

TX HT40 mode CH03



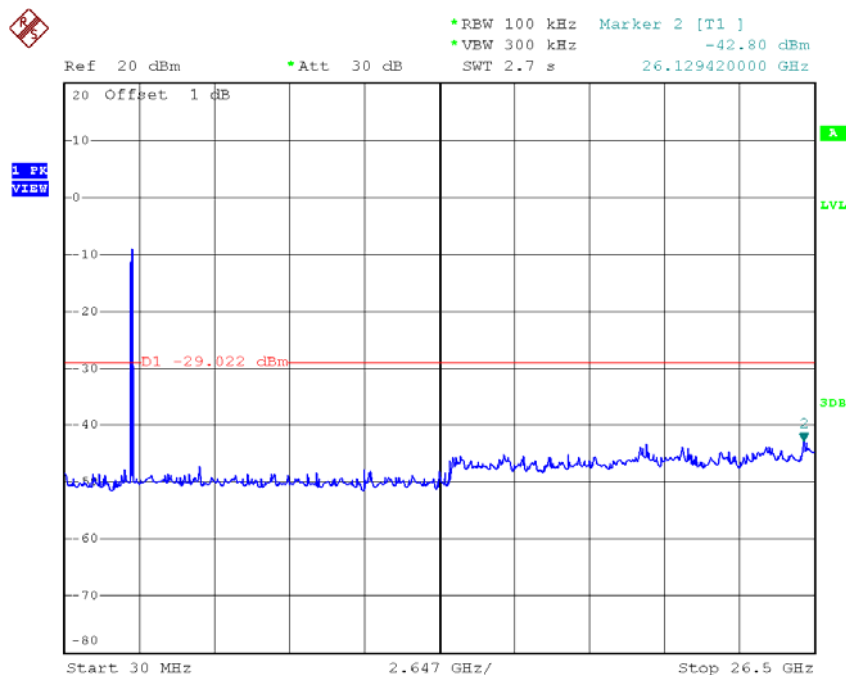
Date: 20.JUL.2015 11:57:42

TX HT40 mode CH09



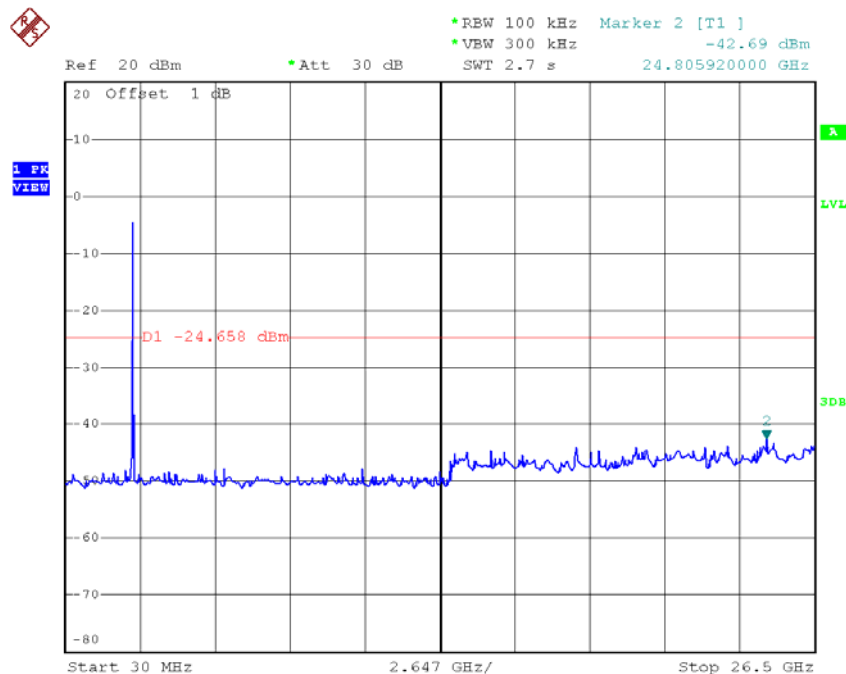
Date: 20.JUL.2015 11:59:39

TX HT40 mode CH03 (10 Harmonic of the frequency)



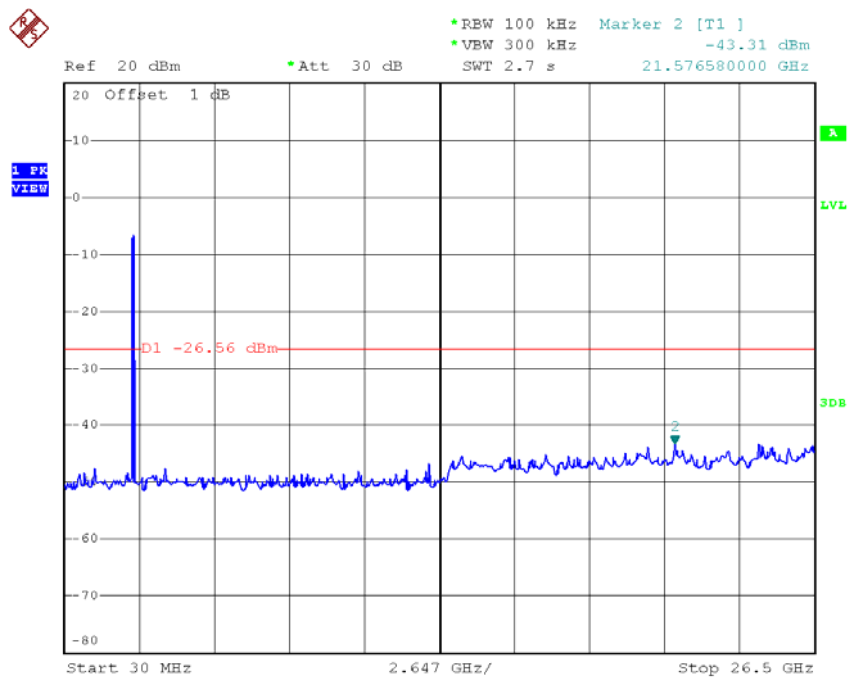
Date: 20.JUL.2015 11:57:34

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 11:58:38

TX HT40 mode CH09 (10 Harmonic of the frequency)

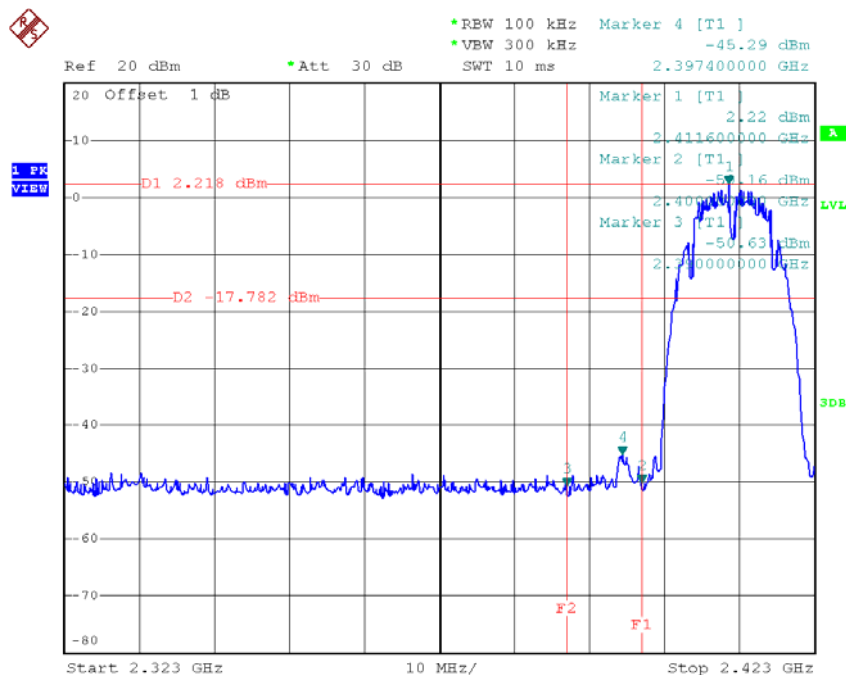


Date: 20.JUL.2015 11:59:32

For 3T3R

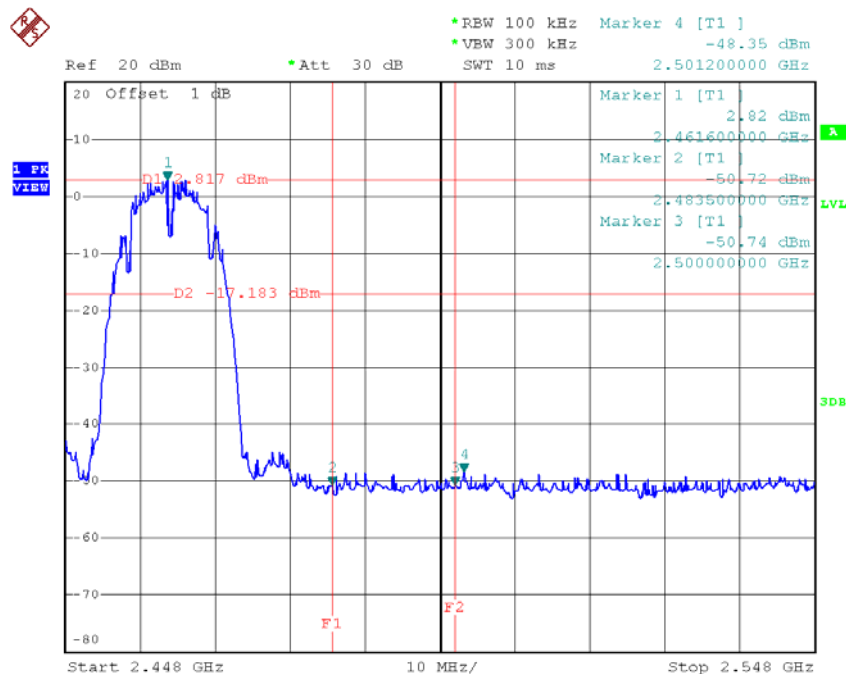
Test Mode :	TX B Mode_ANT A
-------------	-----------------

TX B mode CH01



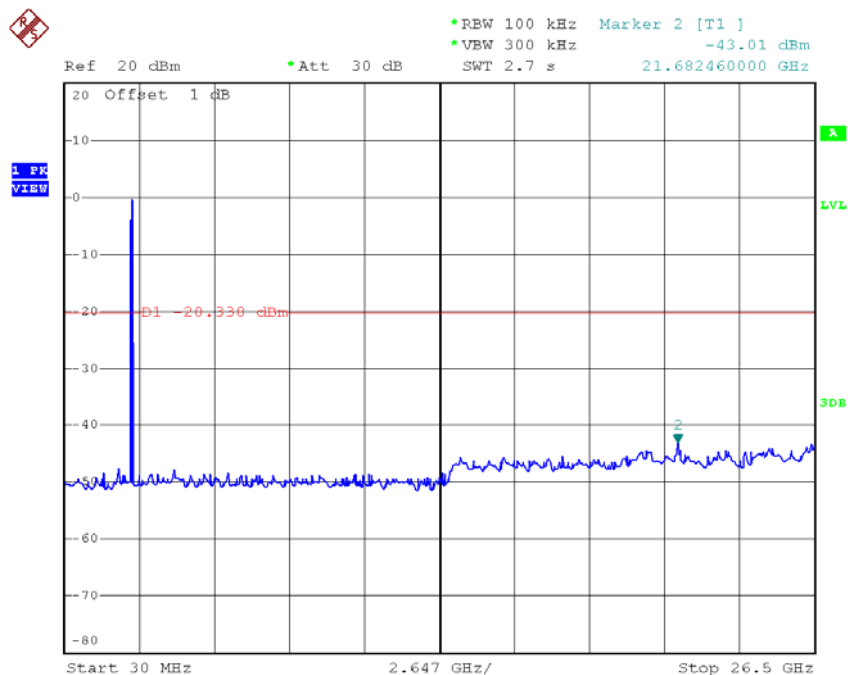
Date: 20.JUL.2015 18:05:20

TX B mode CH11



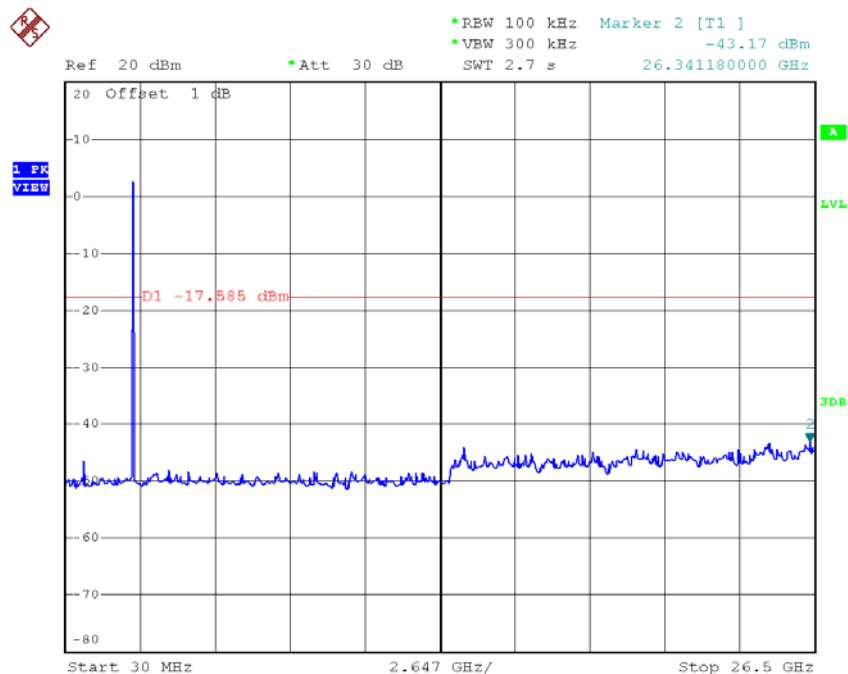
Date: 20.JUL.2015 18:07:44

TX B mode CH01 (10 Harmonic of the frequency)



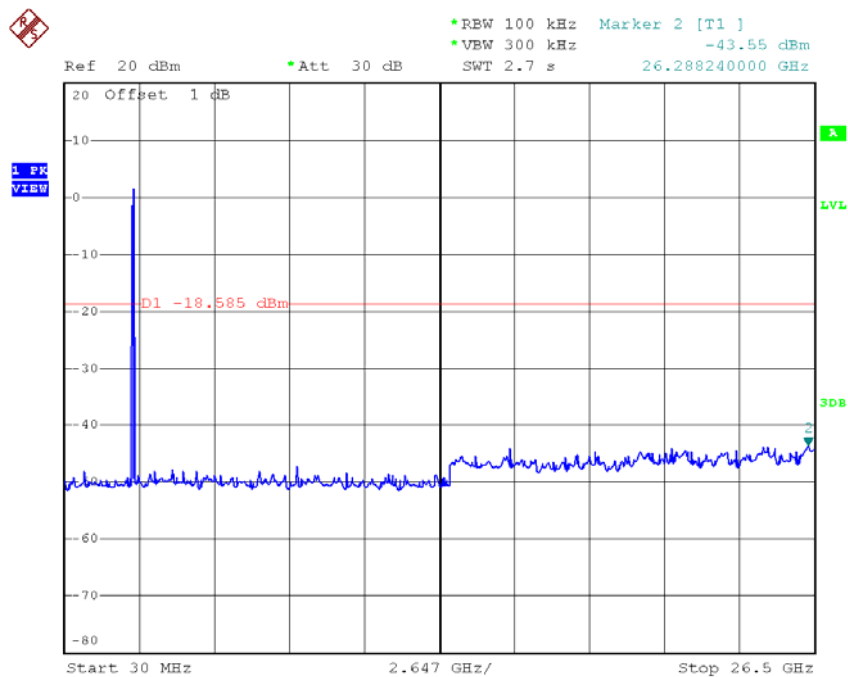
Date: 20.JUL.2015 18:05:12

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:06:29

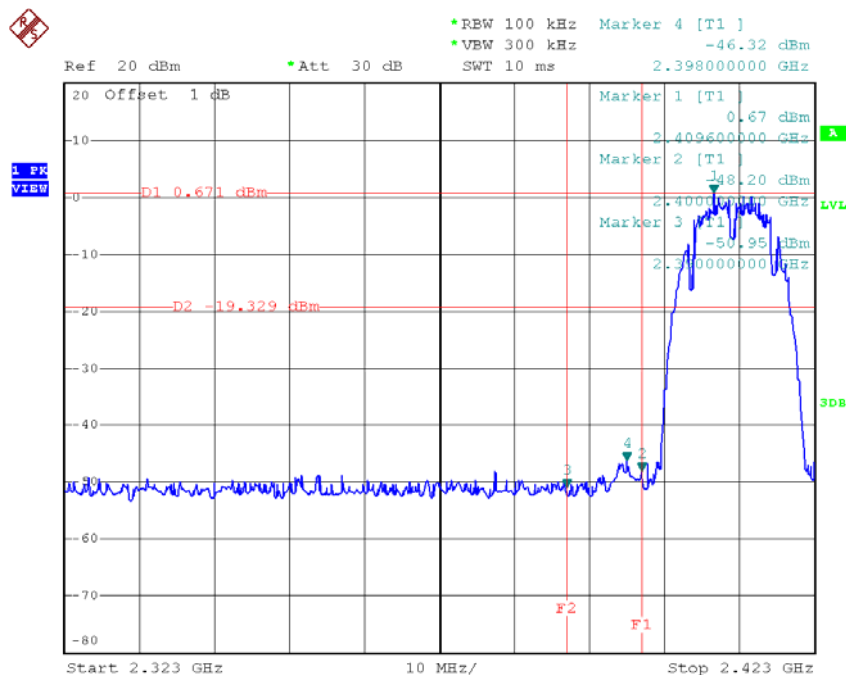
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:07:36

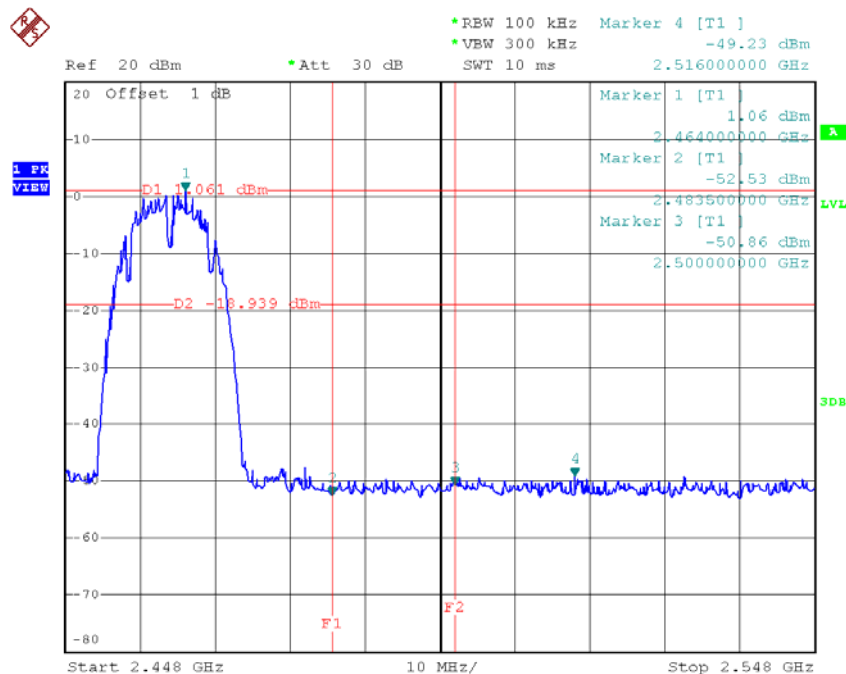
Test Mode :	TX B Mode_ANT B
--------------------	------------------------

TX B mode CH01



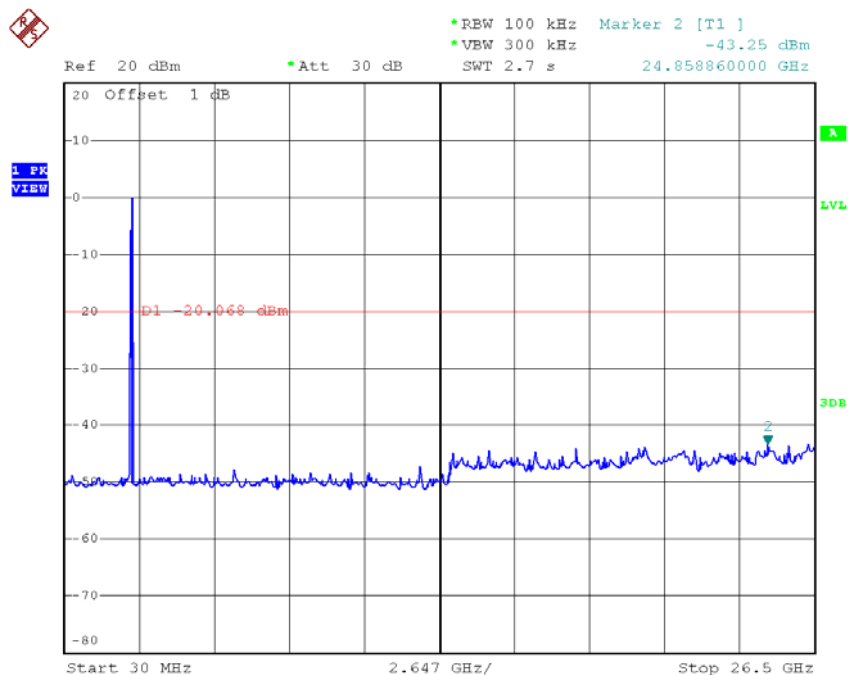
Date: 20.JUL.2015 19:01:51

TX B mode CH11



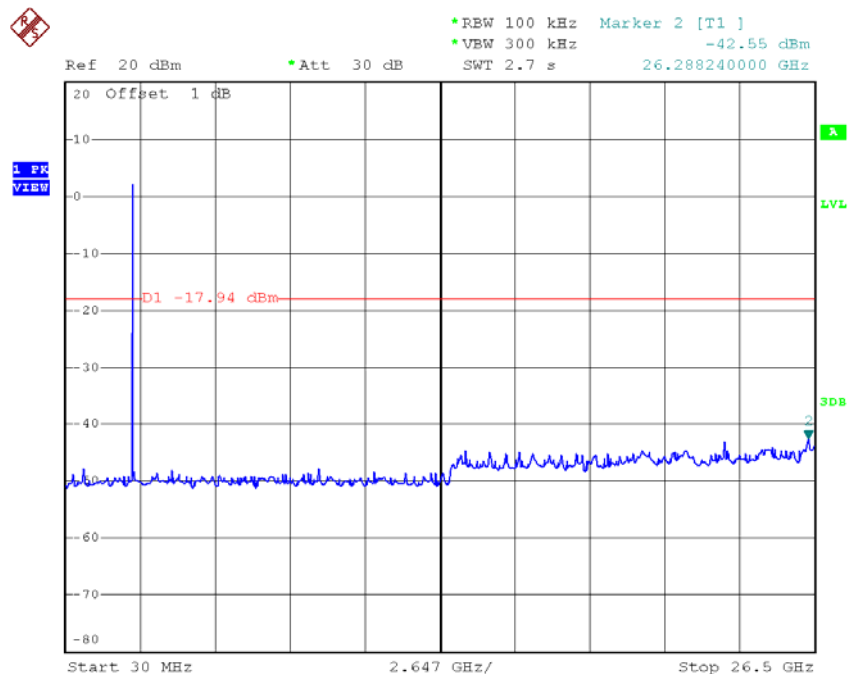
Date: 20.JUL.2015 19:04:28

TX B mode CH01 (10 Harmonic of the frequency)



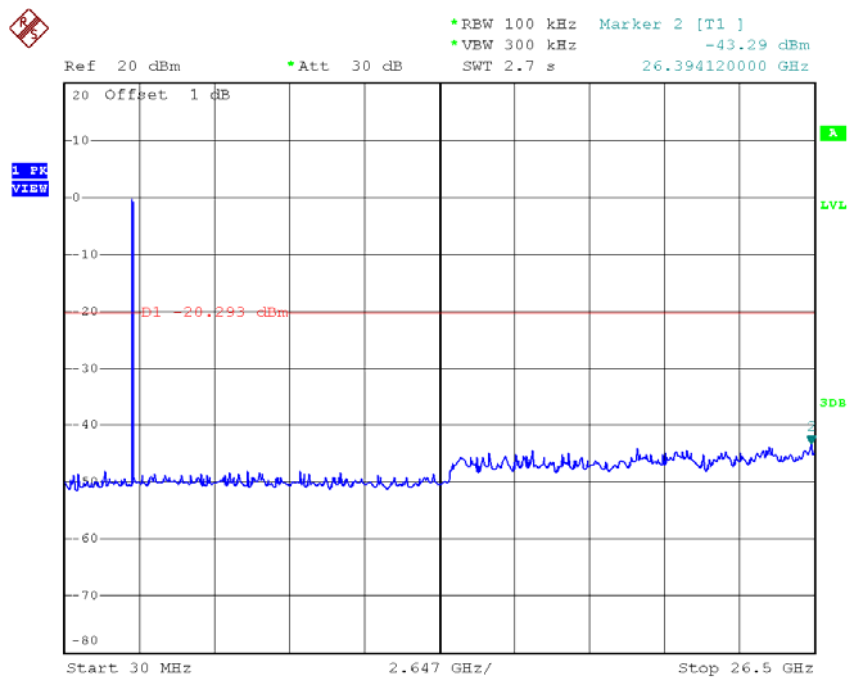
Date: 20.JUL.2015 19:01:44

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:03:13

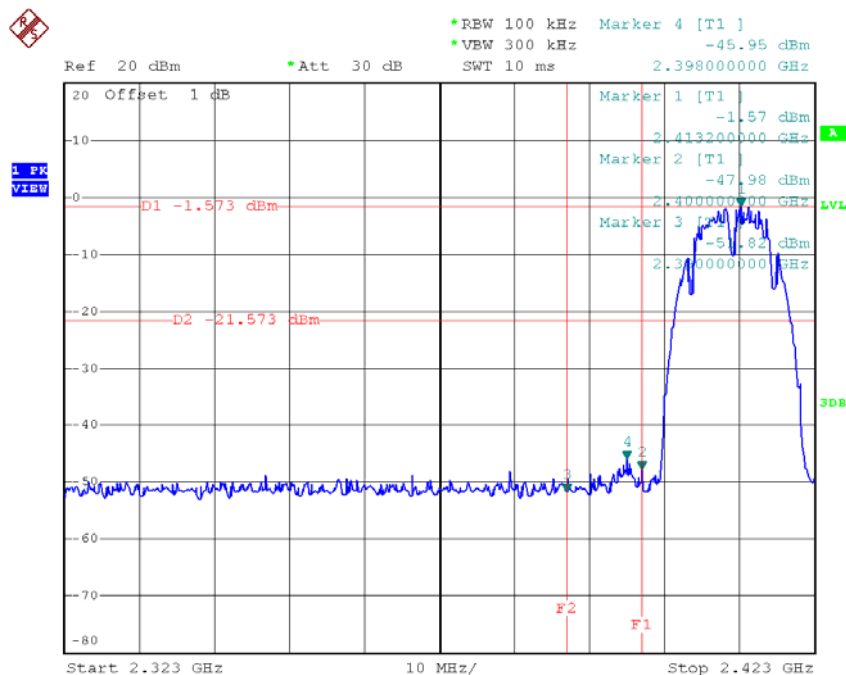
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:04:20

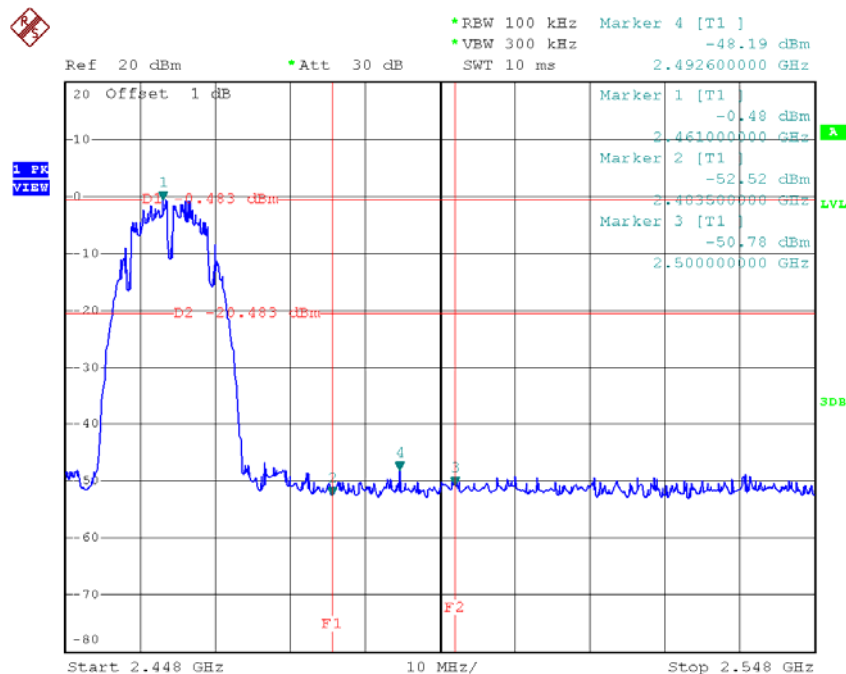
Test Mode :	TX B Mode_ANT C
-------------	-----------------

TX B mode CH01



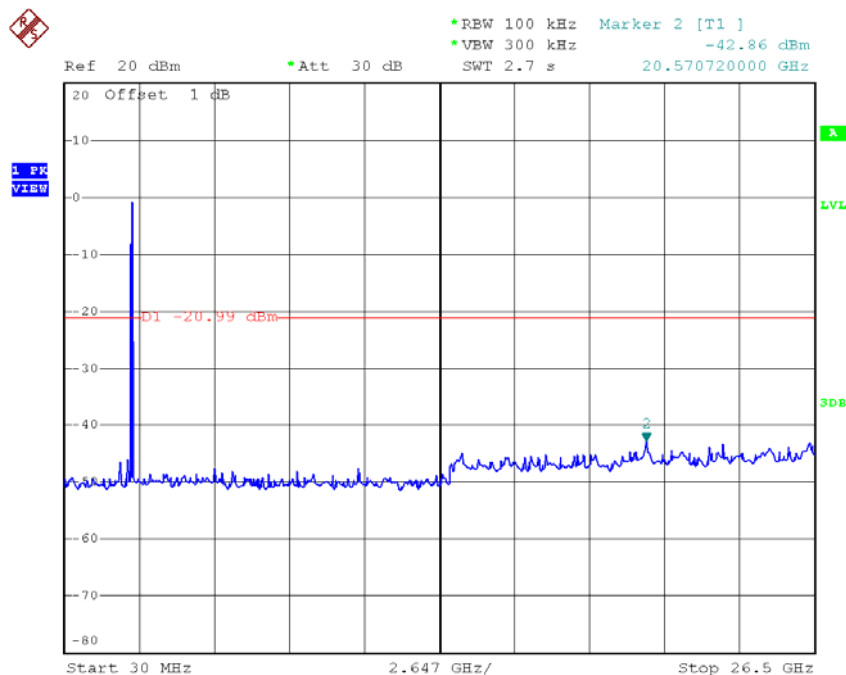
Date: 20.JUL.2015 20:01:19

TX B mode CH11



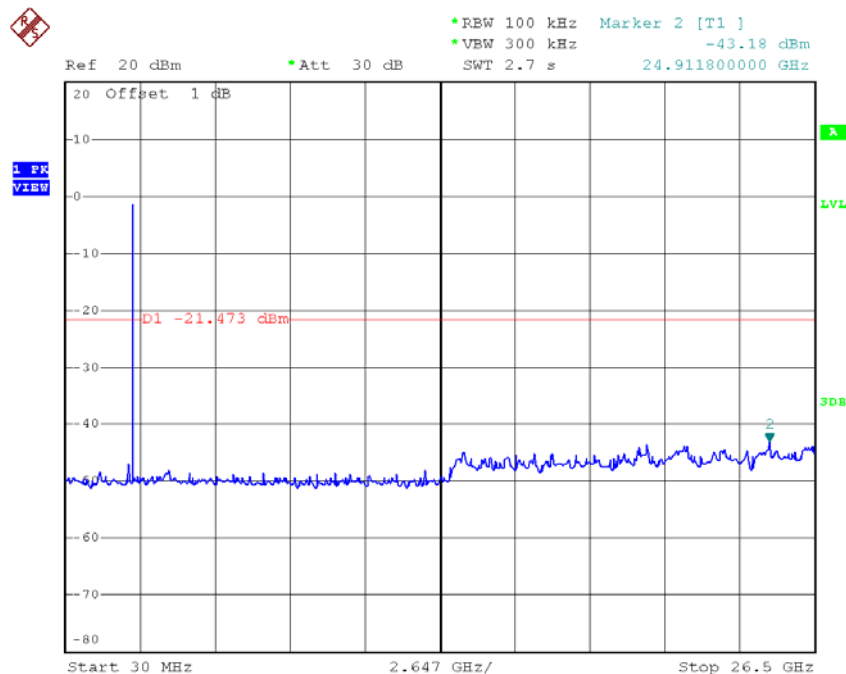
Date: 20.JUL.2015 20:04:16

TX B mode CH01 (10 Harmonic of the frequency)



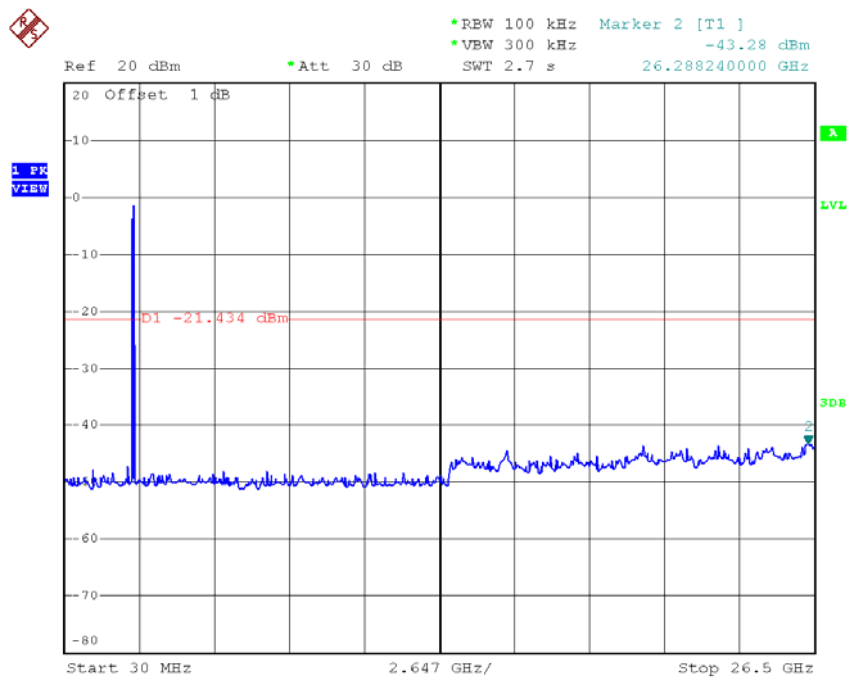
Date: 20.JUL.2015 20:01:11

TX B mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 20:02:31

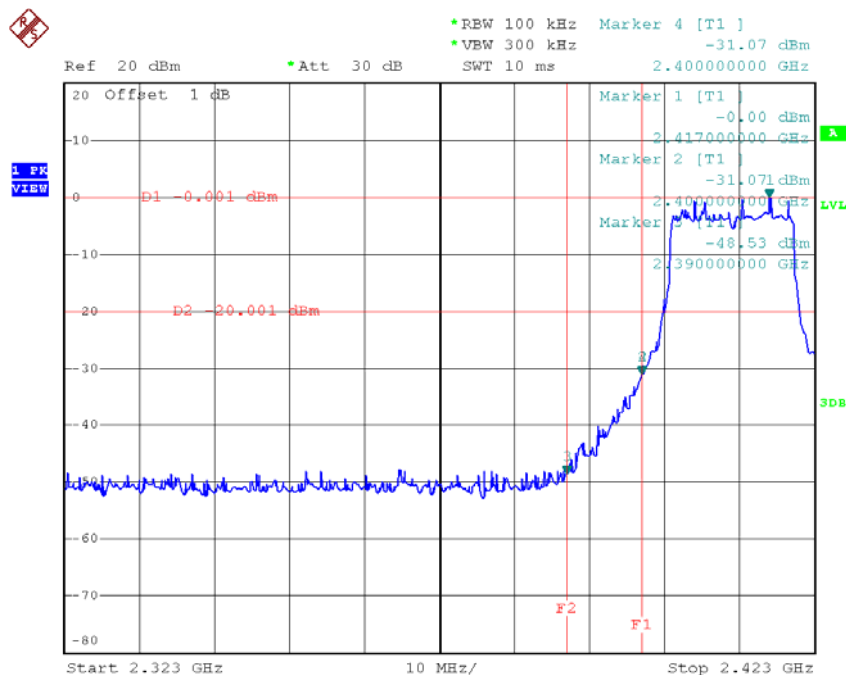
TX B mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 20:04:09

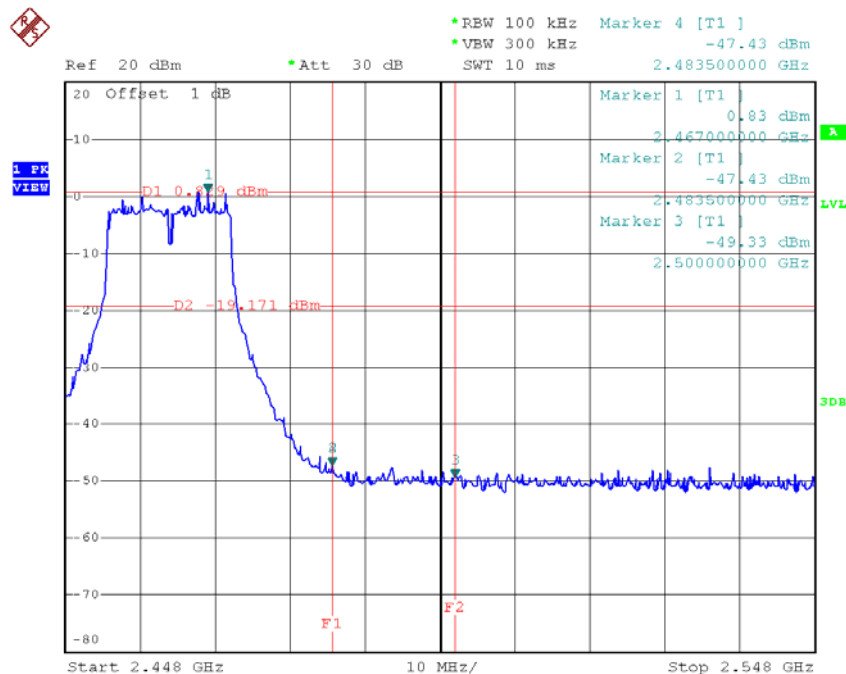
Test Mode :	TX G Mode_ANT A
-------------	-----------------

TX G mode CH01



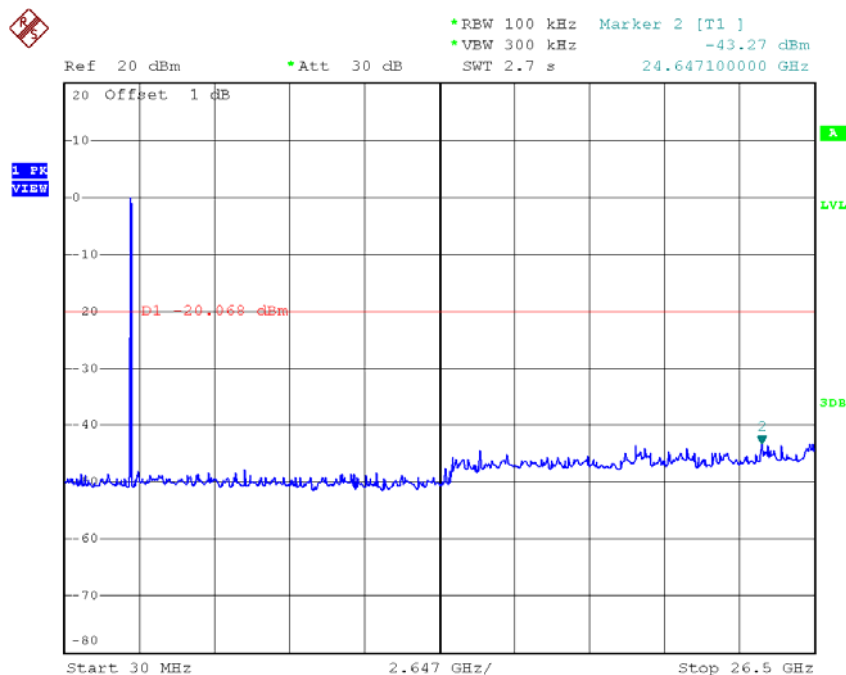
Date: 20.JUL.2015 18:09:48

TX G mode CH11



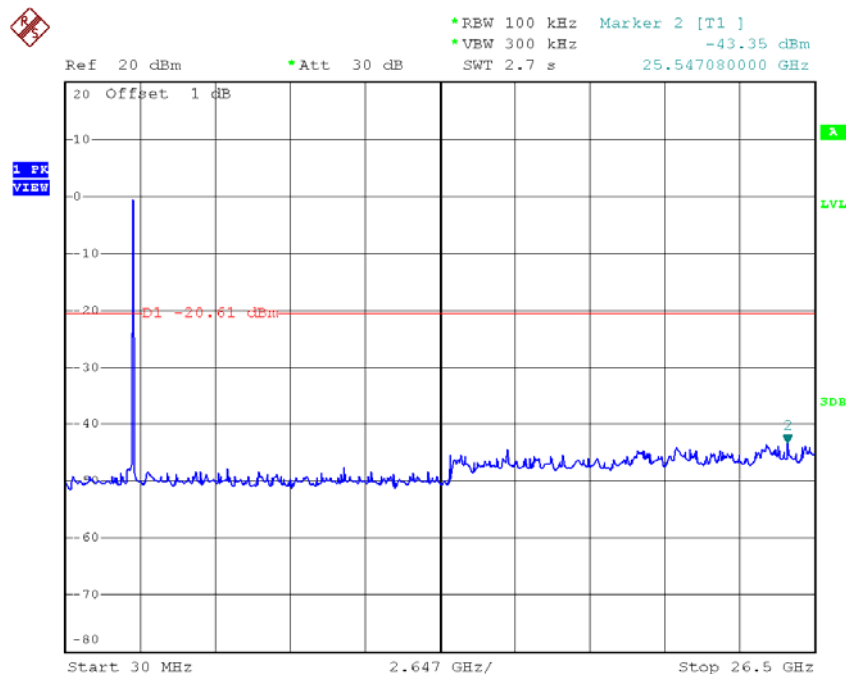
Date: 20.JUL.2015 18:13:06

TX G mode CH01 (10 Harmonic of the frequency)



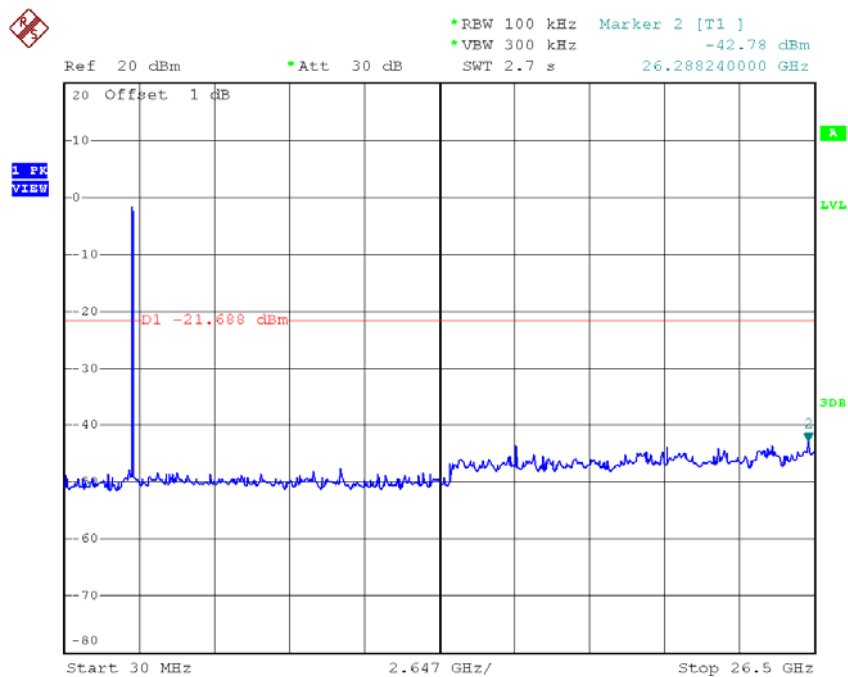
Date: 20.JUL.2015 18:09:41

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:10:48

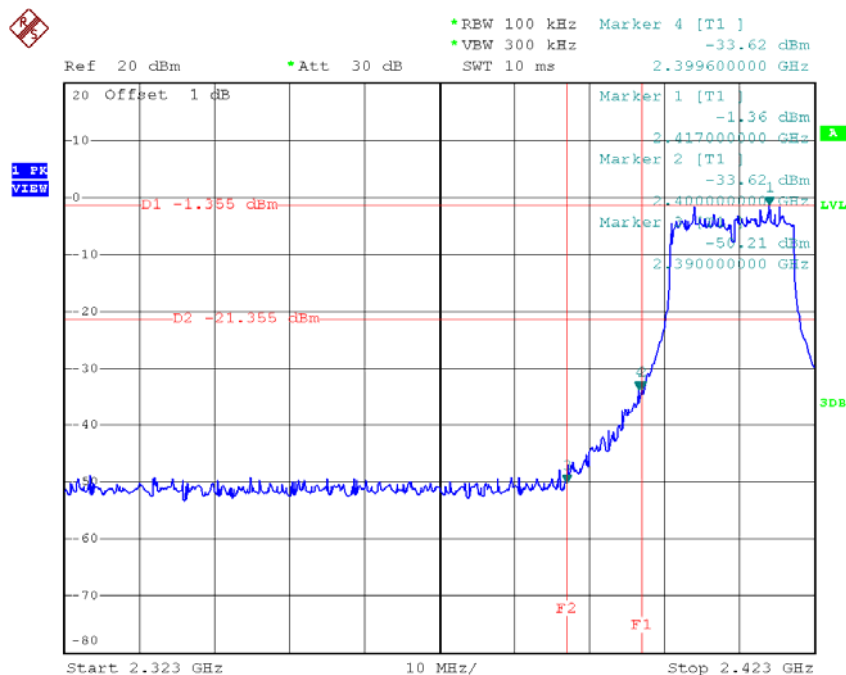
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:12:58

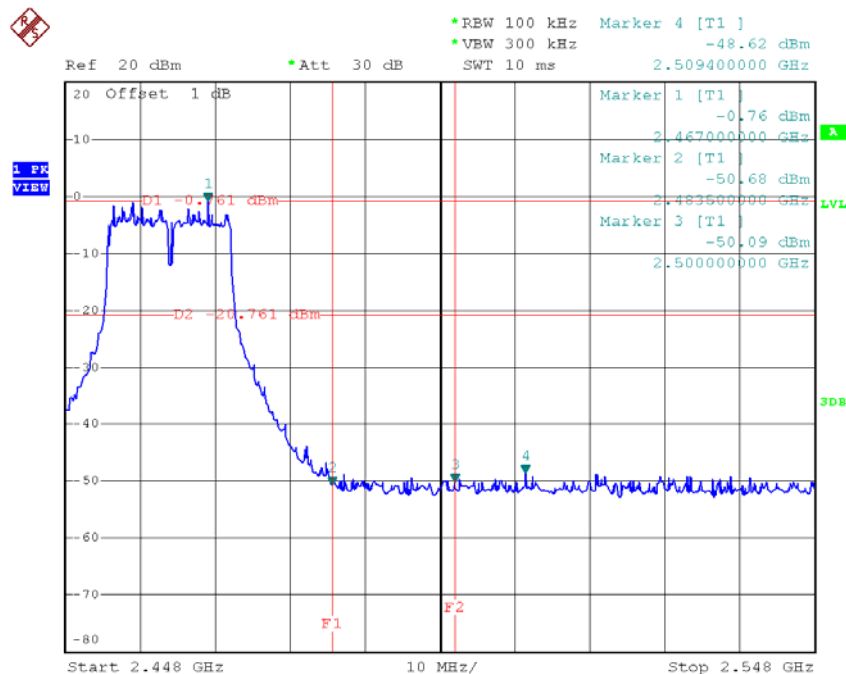
Test Mode :	TX G Mode_ANT B
--------------------	------------------------

TX G mode CH01



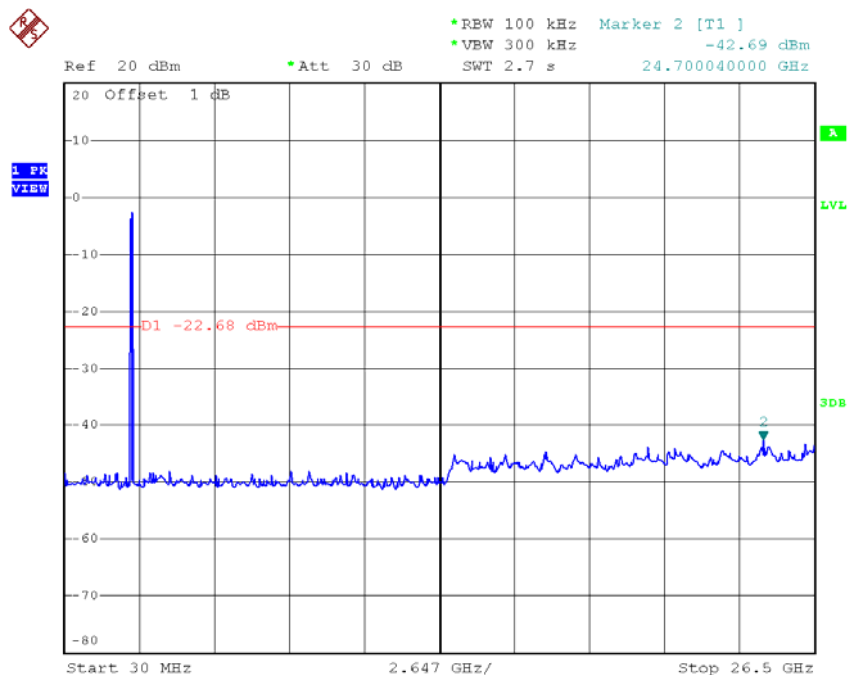
Date: 20.JUL.2015 19:08:35

TX G mode CH11



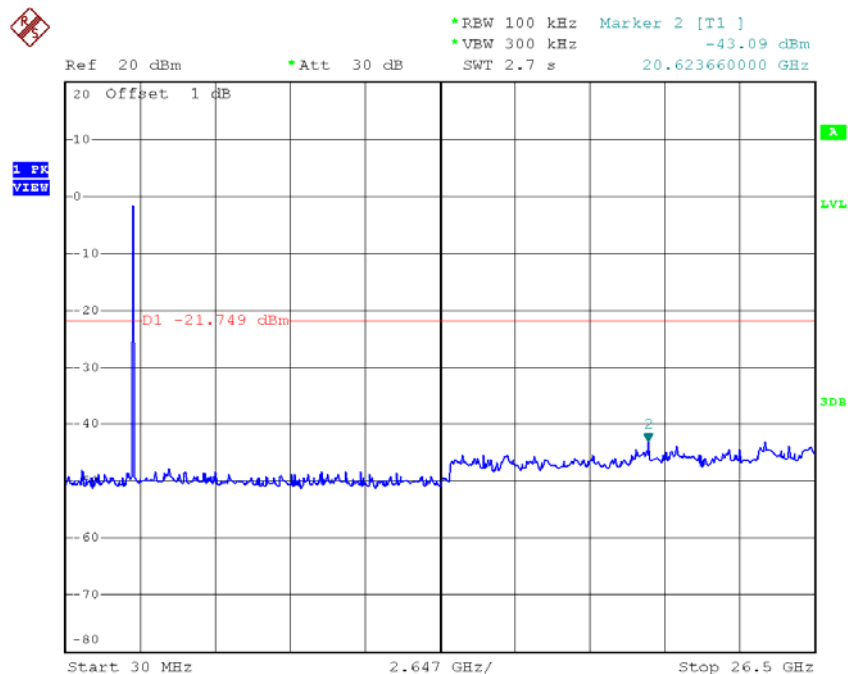
Date: 20.JUL.2015 19:14:24

TX G mode CH01 (10 Harmonic of the frequency)



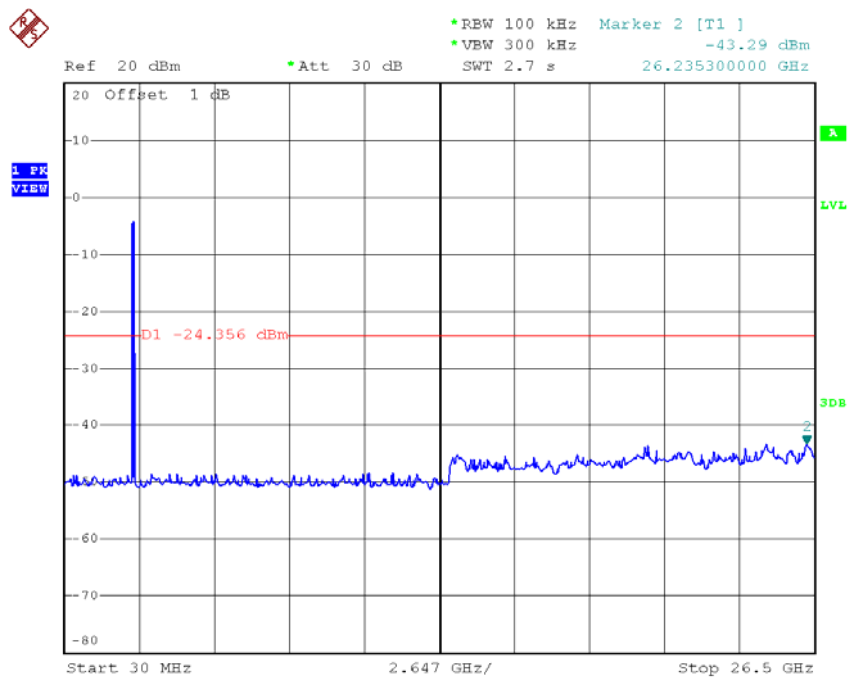
Date: 20.JUL.2015 19:08:27

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:11:34

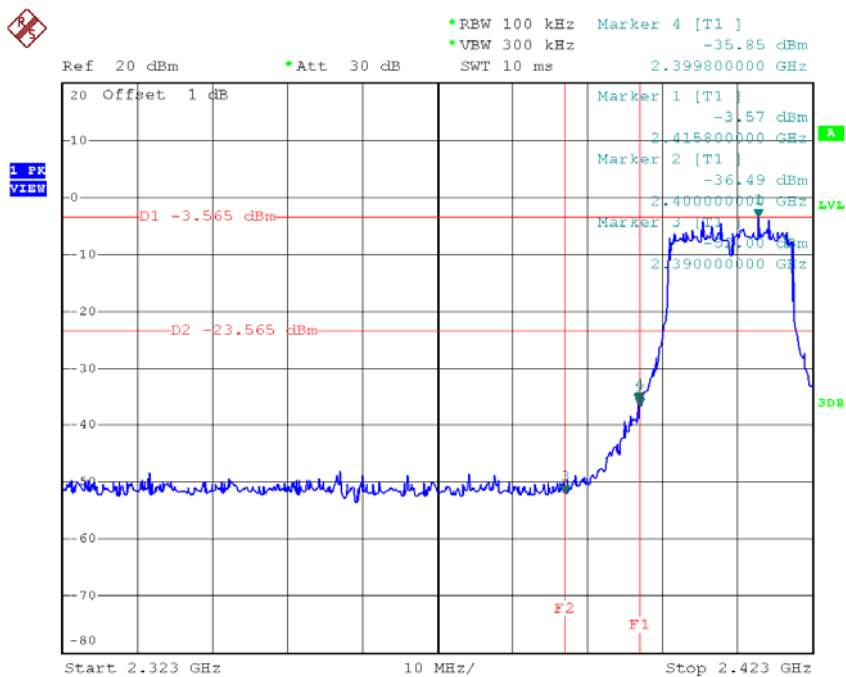
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:14:16

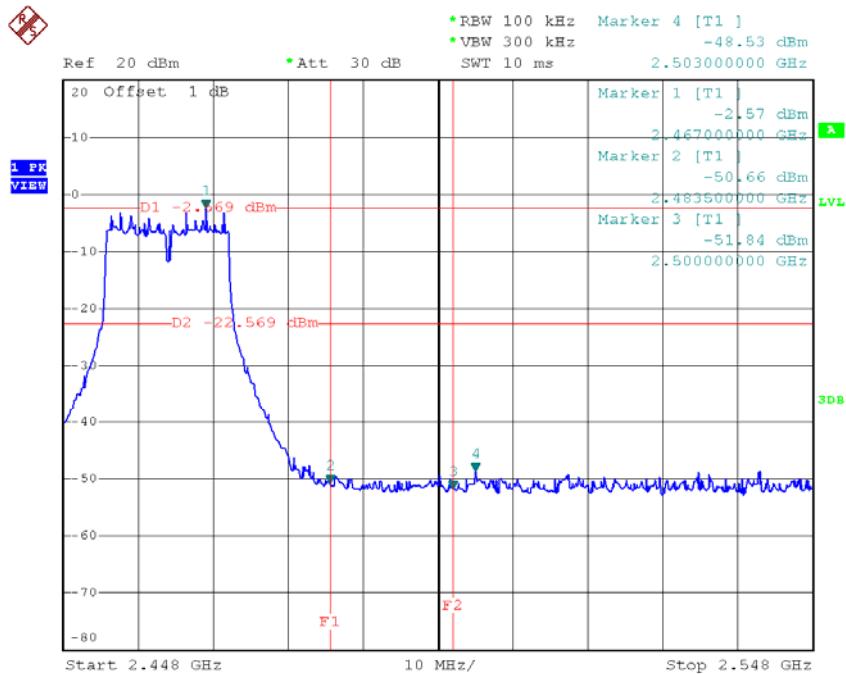
Test Mode :	TX G Mode_ANT C
-------------	-----------------

TX G mode CH01



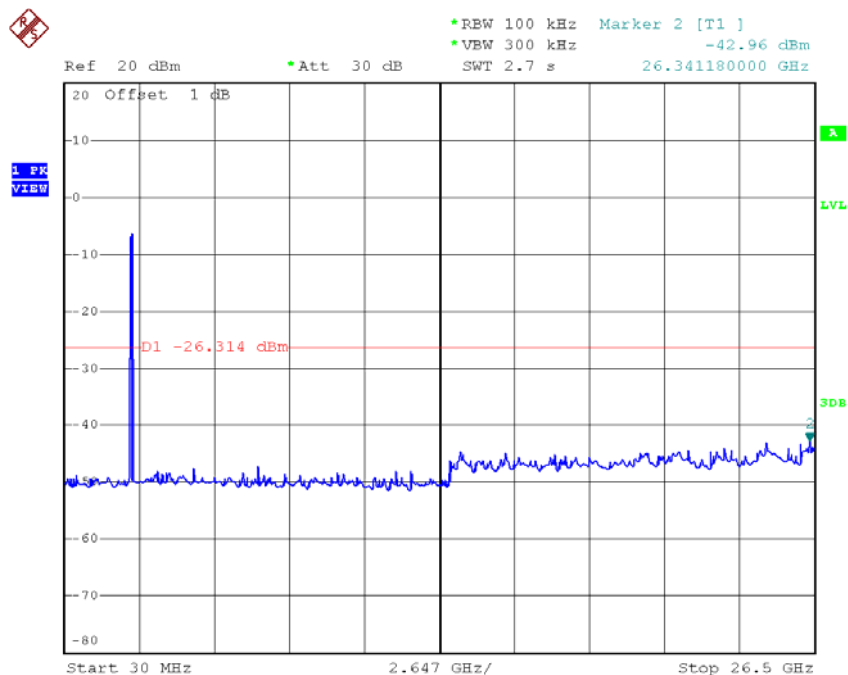
Date: 20.JUL.2015 20:06:54

TX G mode CH11



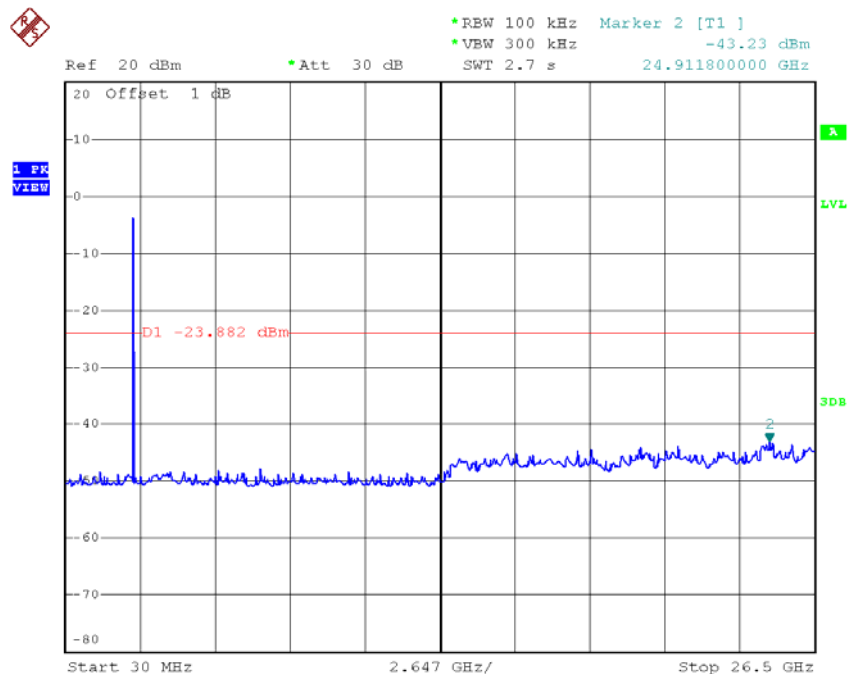
Date: 20.JUL.2015 20:11:37

TX G mode CH01 (10 Harmonic of the frequency)



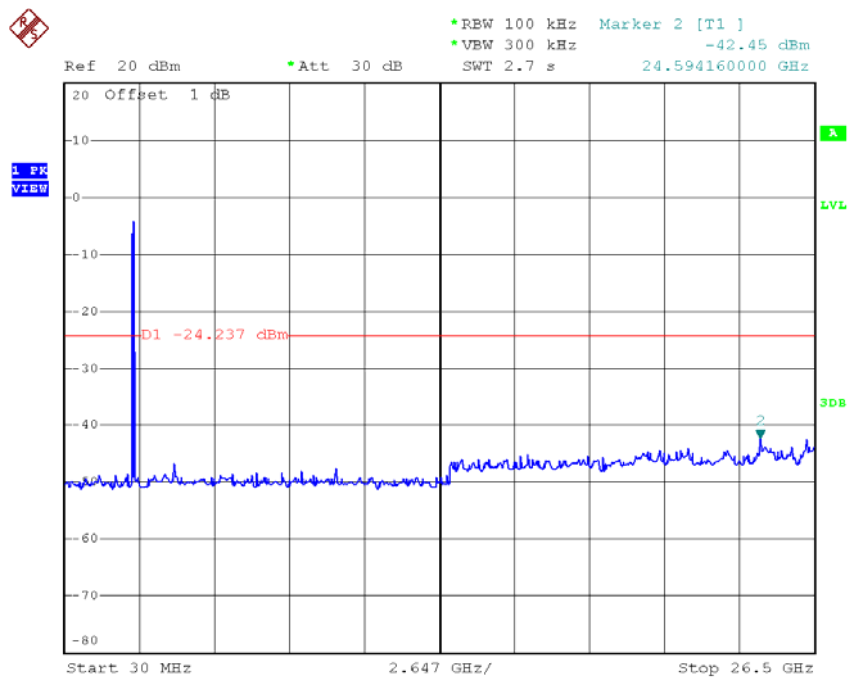
Date: 20.JUL.2015 20:06:47

TX G mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 20:08:40

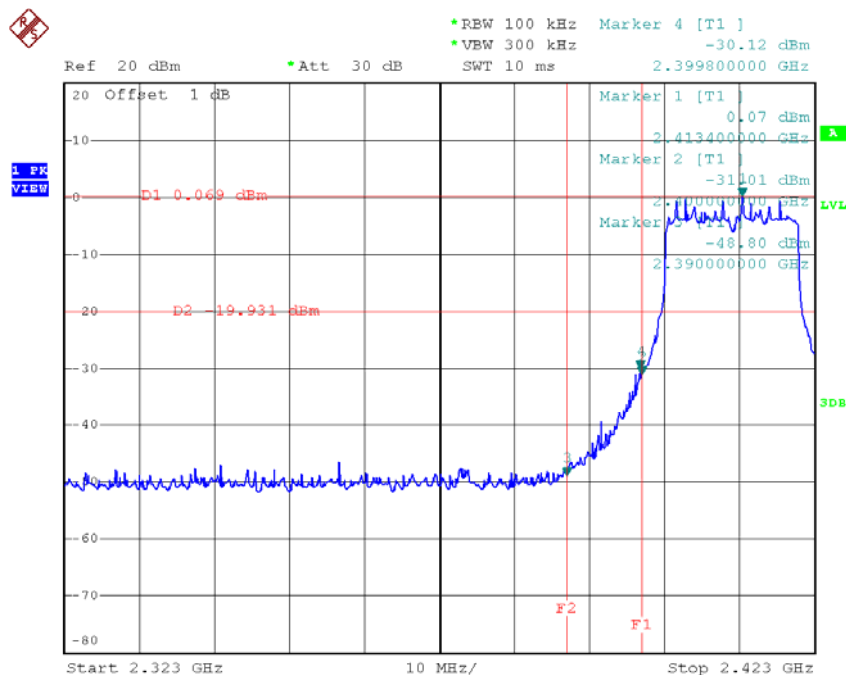
TX G mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 20:11:30

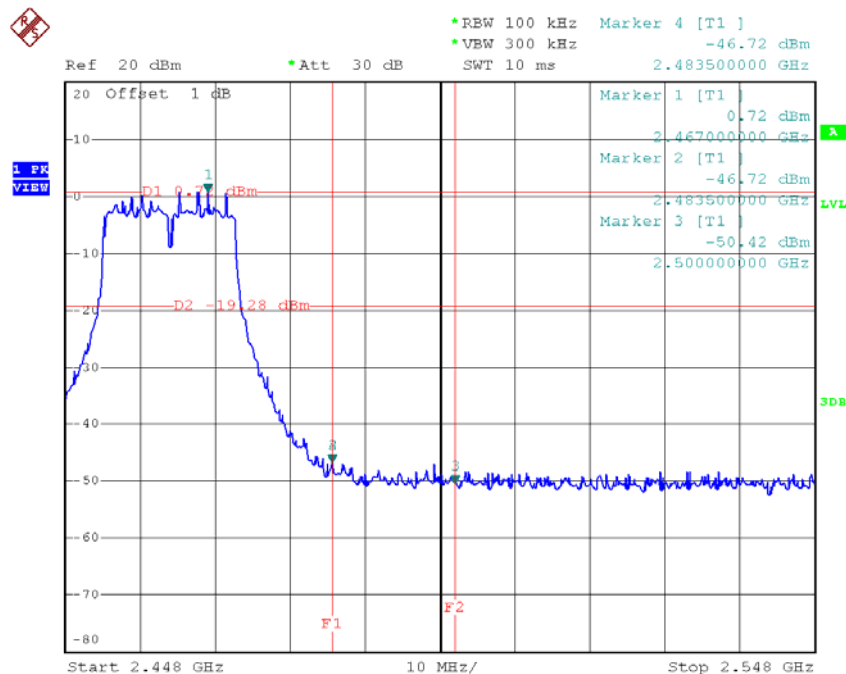
Test Mode :	TX N-20M Mode_ANT A
--------------------	---------------------

TX HT20 mode CH01



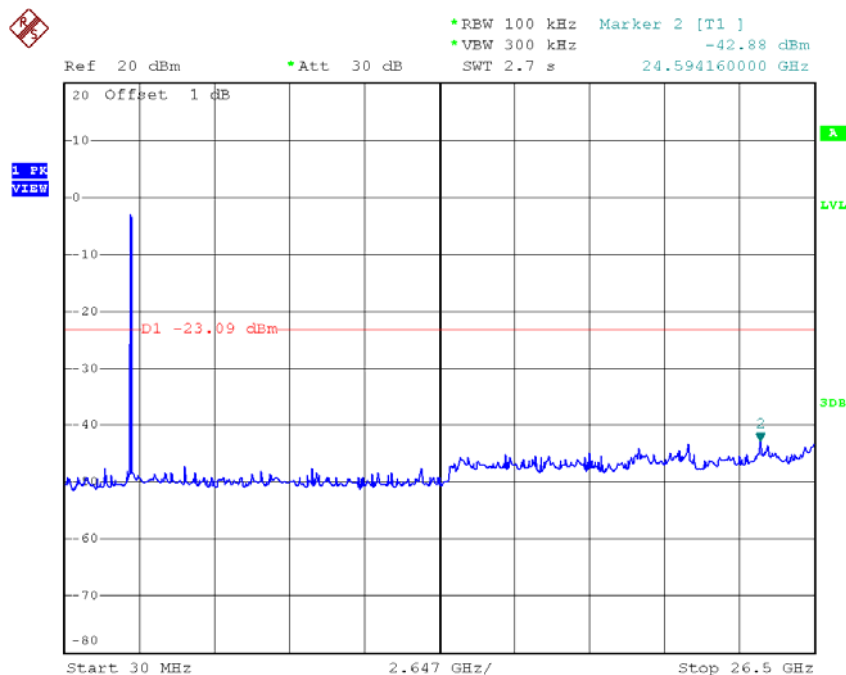
Date: 20.JUL.2015 18:15:28

TX HT20 mode CH11



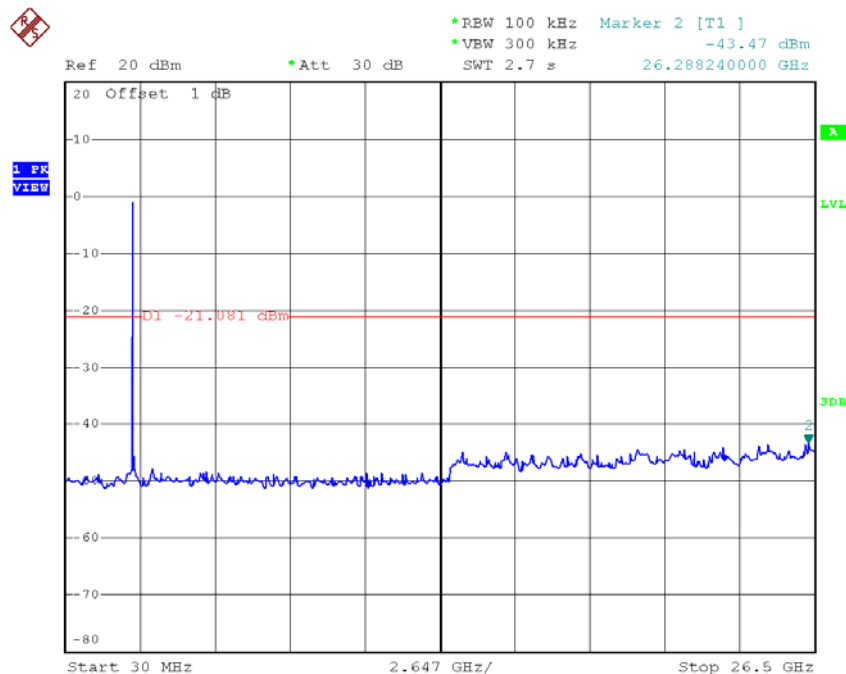
Date: 20.JUL.2015 18:18:00

TX HT20 mode CH01 (10 Harmonic of the frequency)



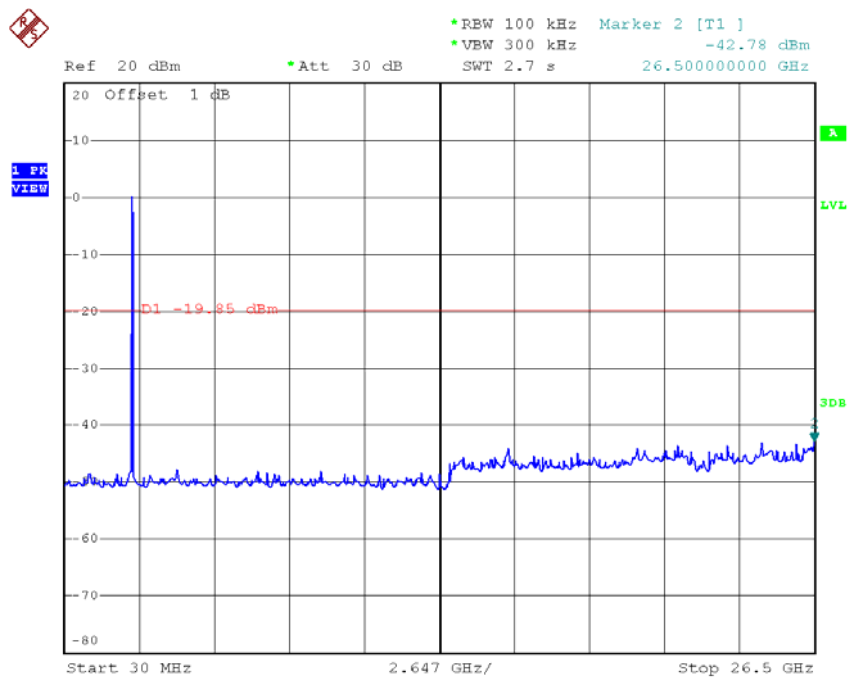
Date: 20.JUL.2015 18:15:21

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:16:50

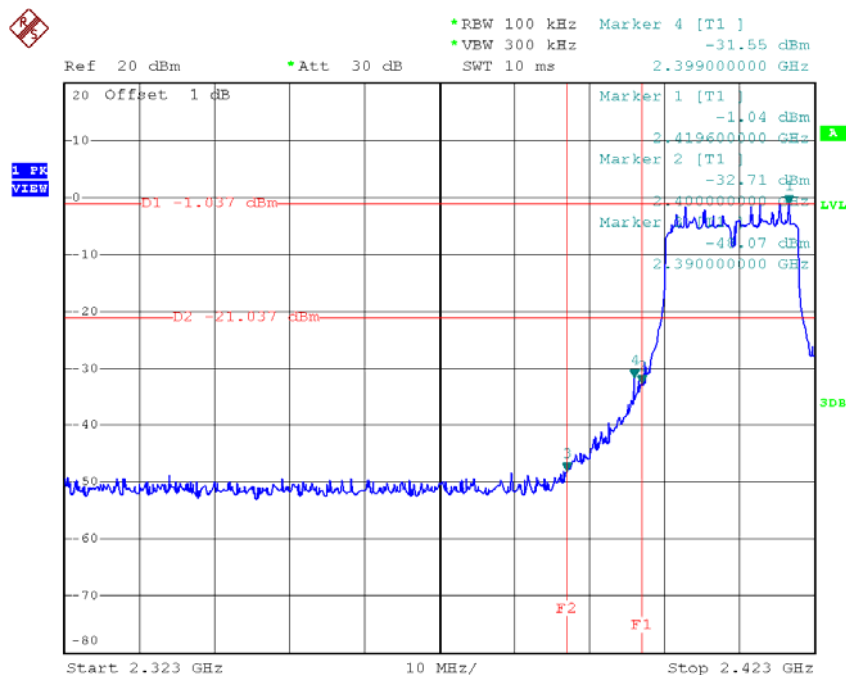
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:17:52

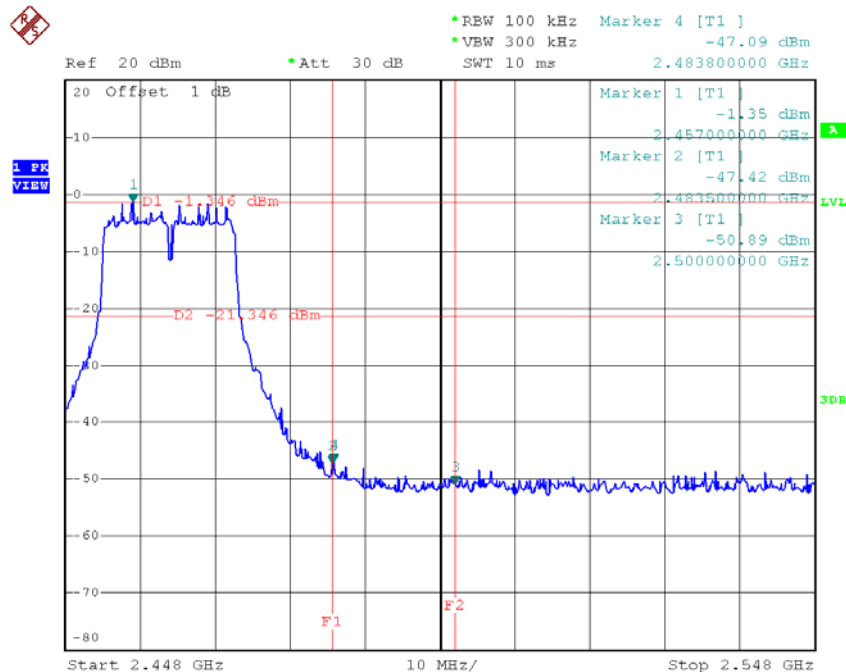
Test Mode :	TX N-20M Mode_ANT B
--------------------	----------------------------

TX HT20 mode CH01



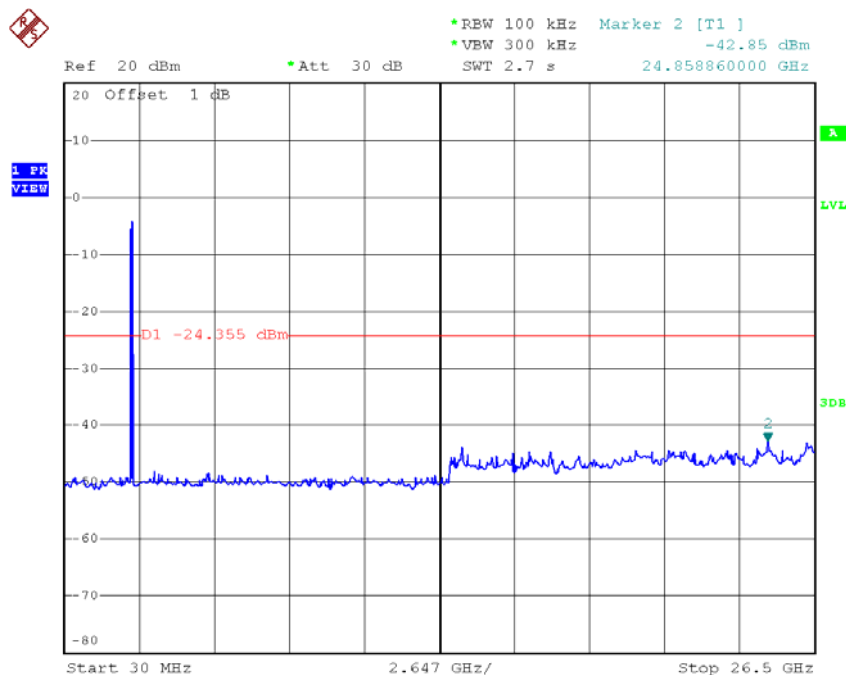
Date: 20.JUL.2015 19:27:13

TX HT20 mode CH11



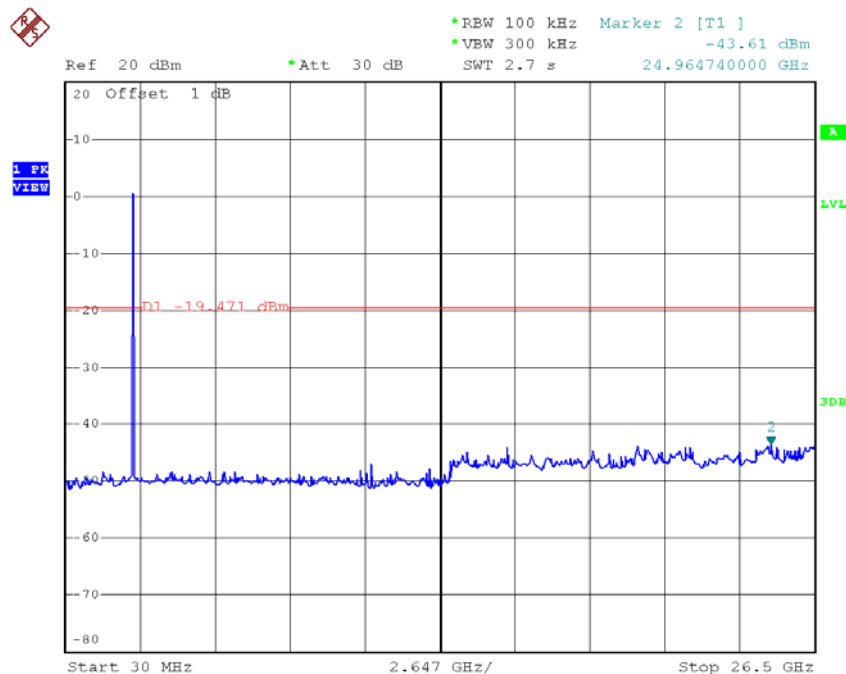
Date: 20.JUL.2015 19:24:32

TX HT20 mode CH01 (10 Harmonic of the frequency)



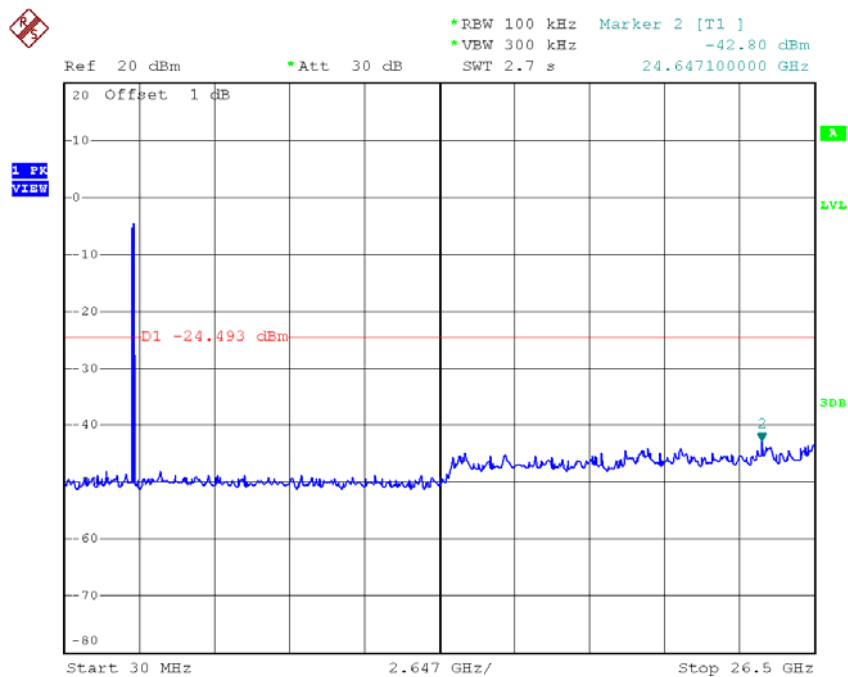
Date: 20.JUL.2015 19:27:06

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:20:57

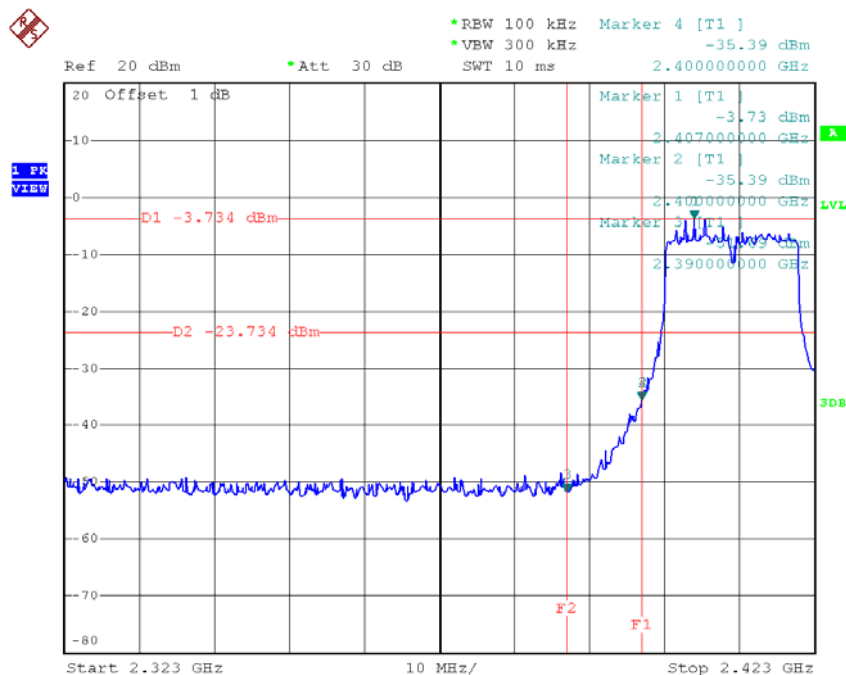
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:24:25

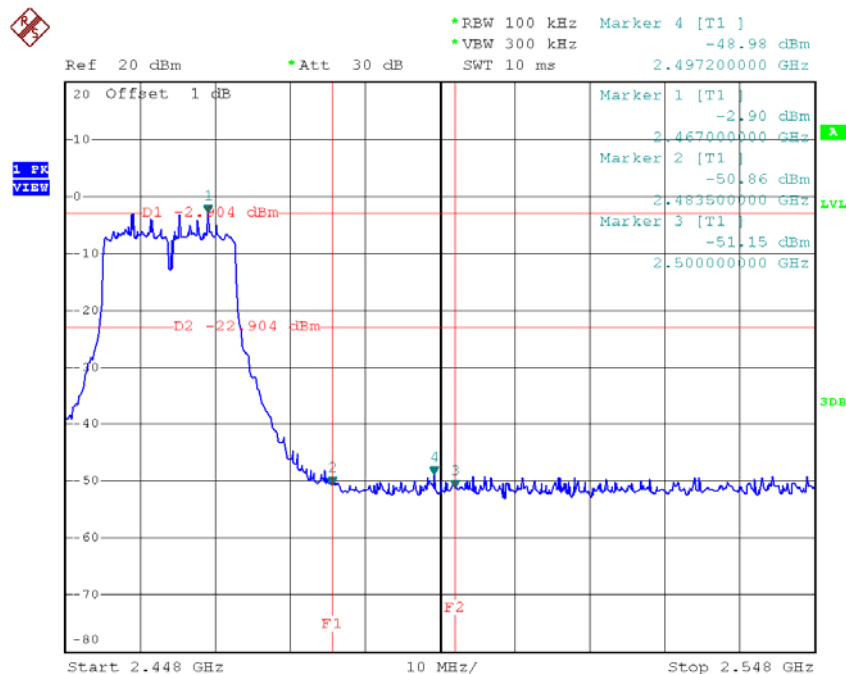
Test Mode :	TX N-20M Mode_ANT C
-------------	---------------------

TX HT20 mode CH01



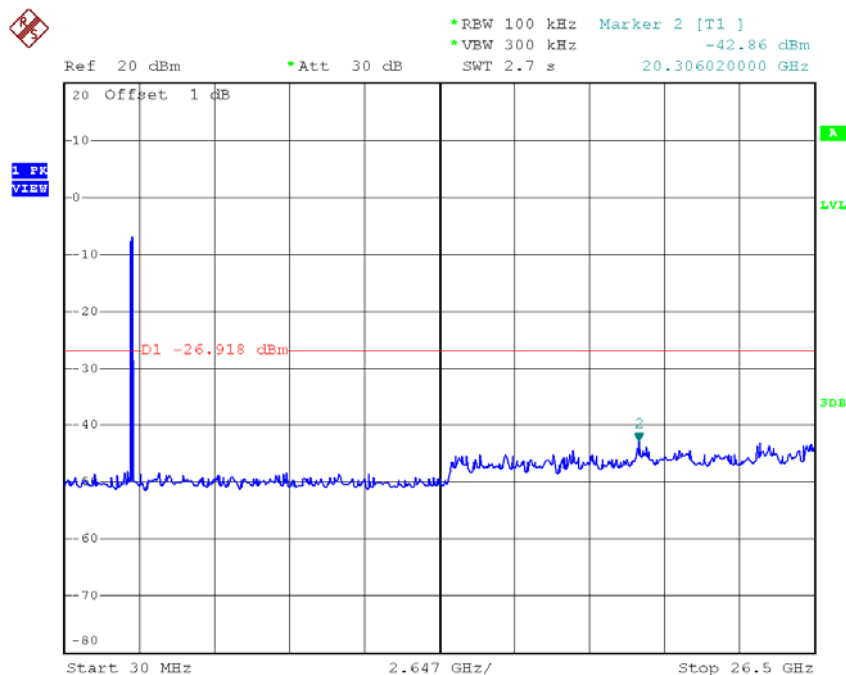
Date: 20.JUL.2015 20:35:44

TX HT20 mode CH11



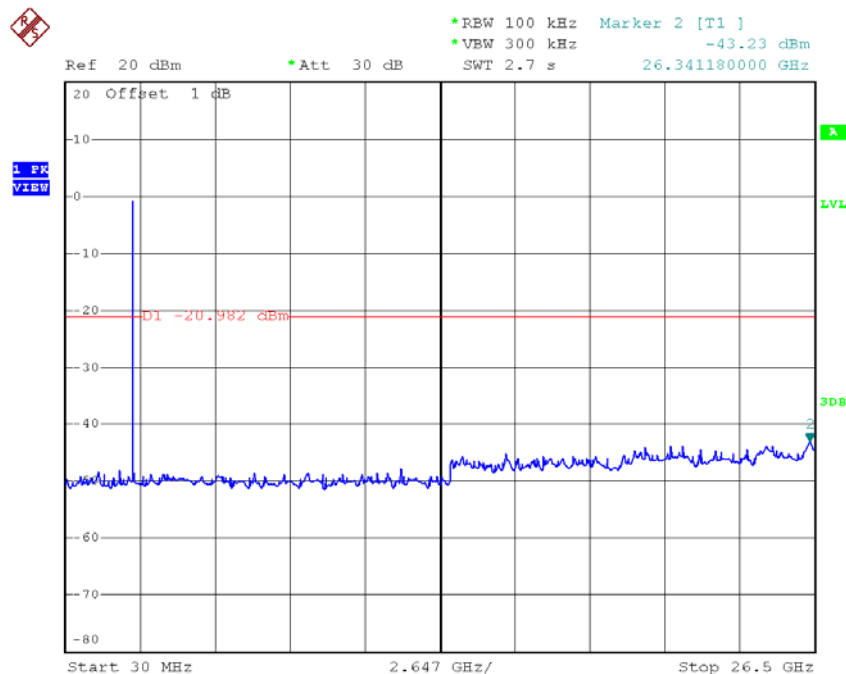
Date: 20.JUL.2015 20:38:35

TX HT20 mode CH01 (10 Harmonic of the frequency)



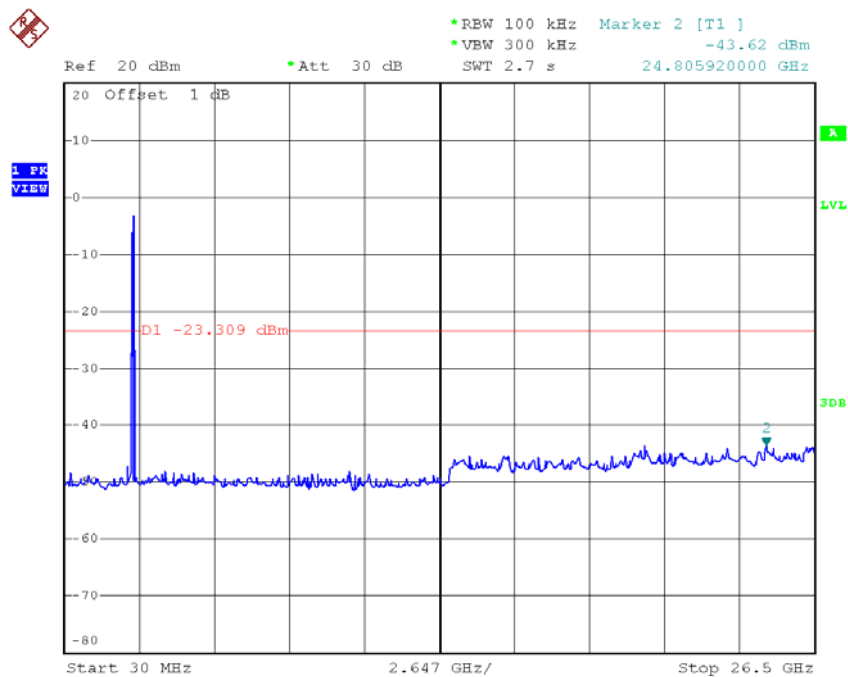
Date: 20.JUL.2015 20:35:37

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 20:37:28

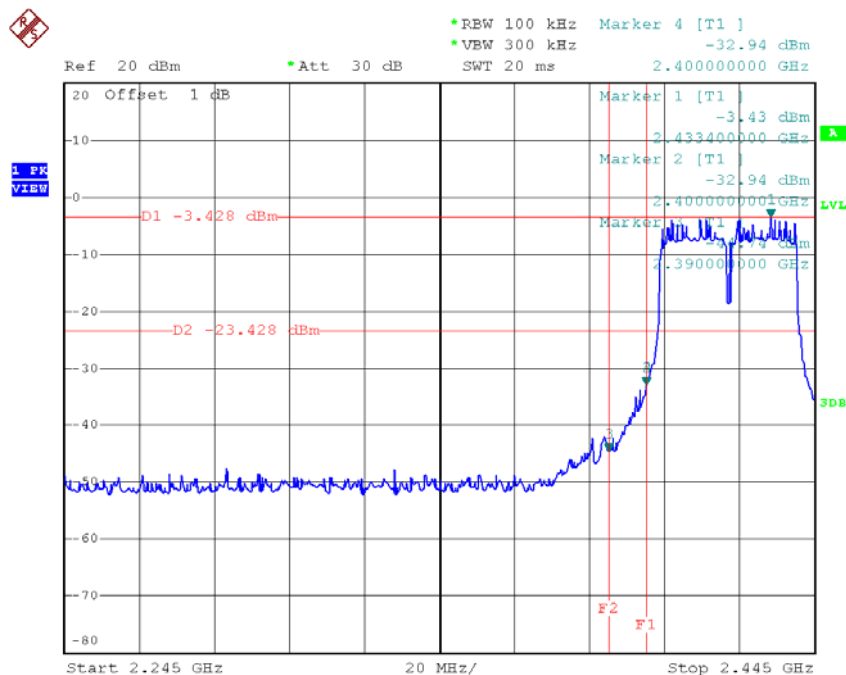
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 20:38:28

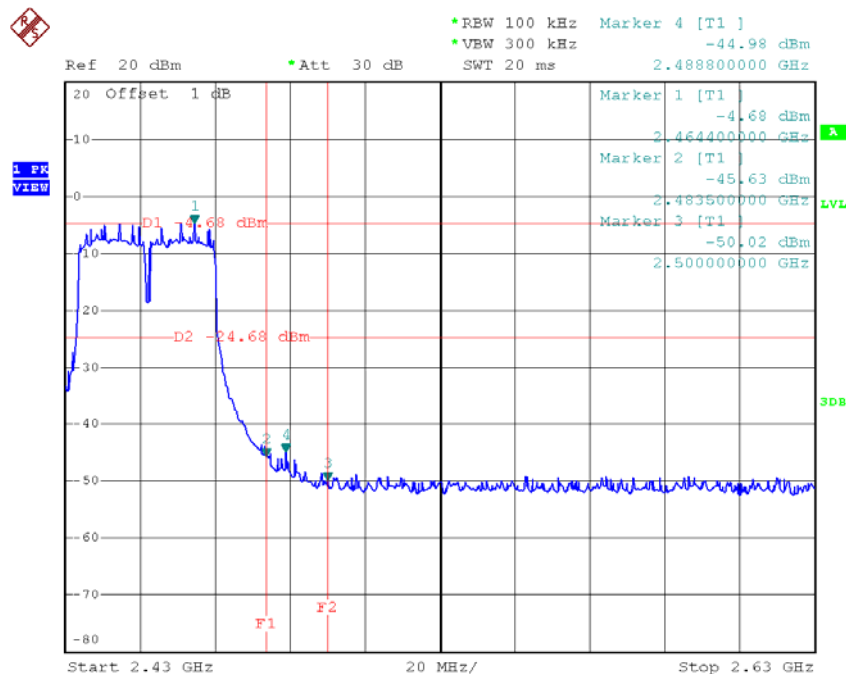
Test Mode :	TX N-40M Mode_ANT A
--------------------	----------------------------

TX HT40 mode CH03



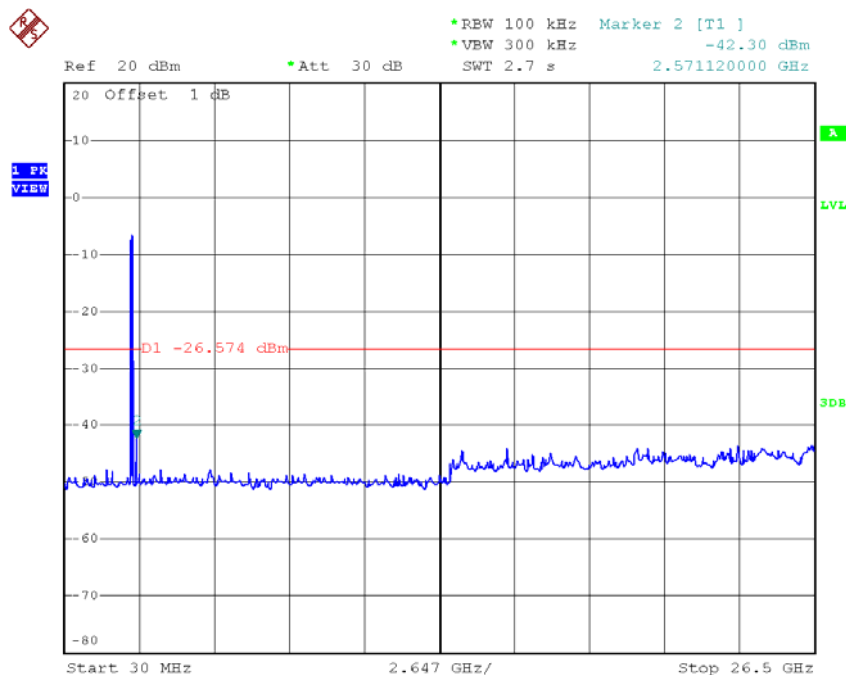
Date: 20.JUL.2015 18:19:33

TX HT40 mode CH09



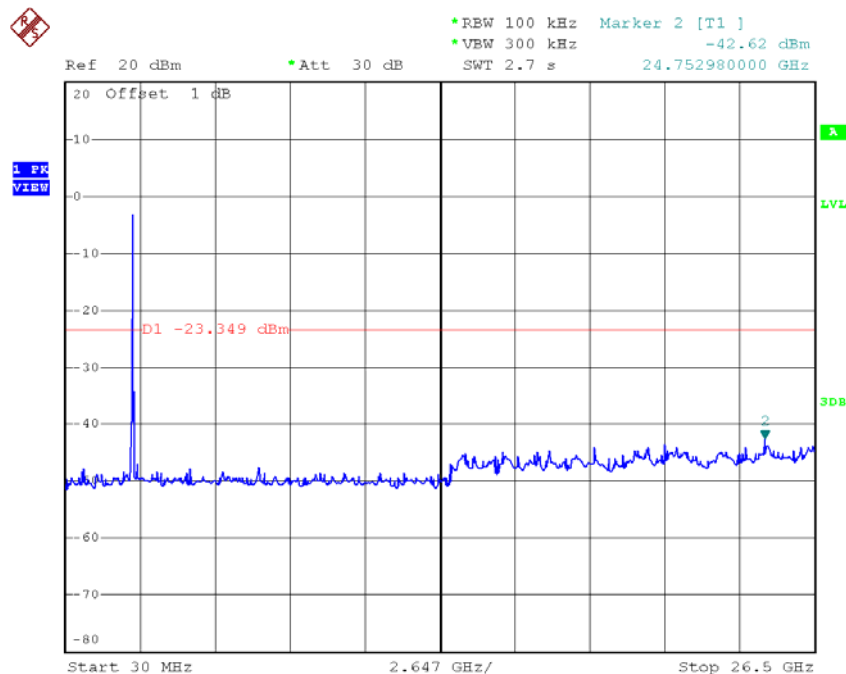
Date: 20.JUL.2015 18:21:57

TX HT40 mode CH03 (10 Harmonic of the frequency)



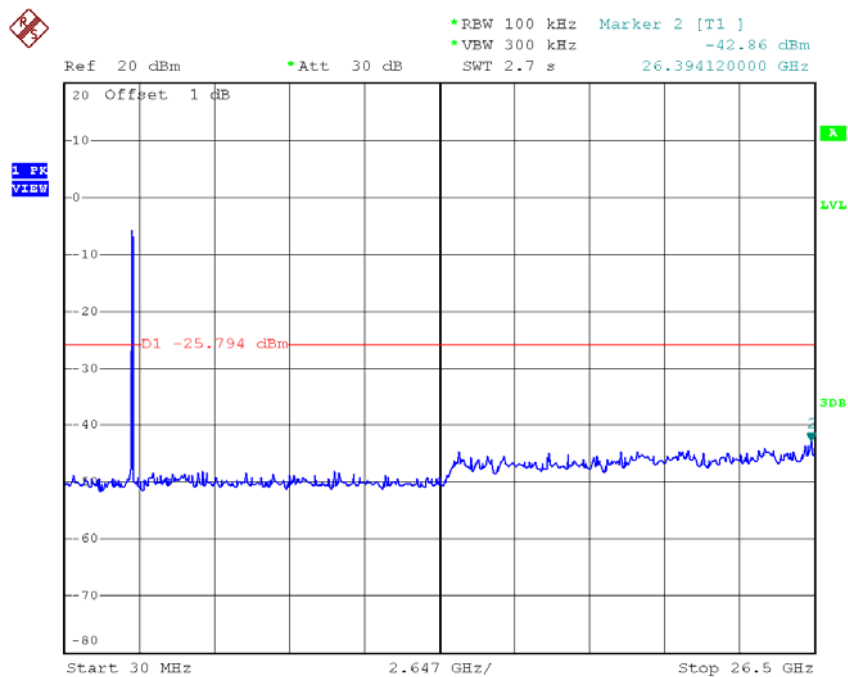
Date: 20.JUL.2015 18:19:25

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:20:52

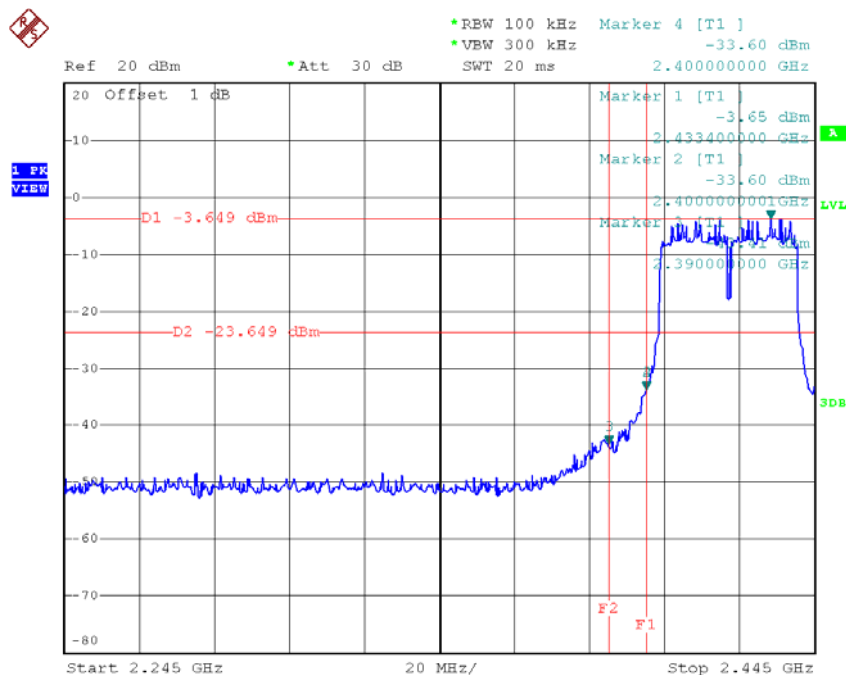
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 18:21:49

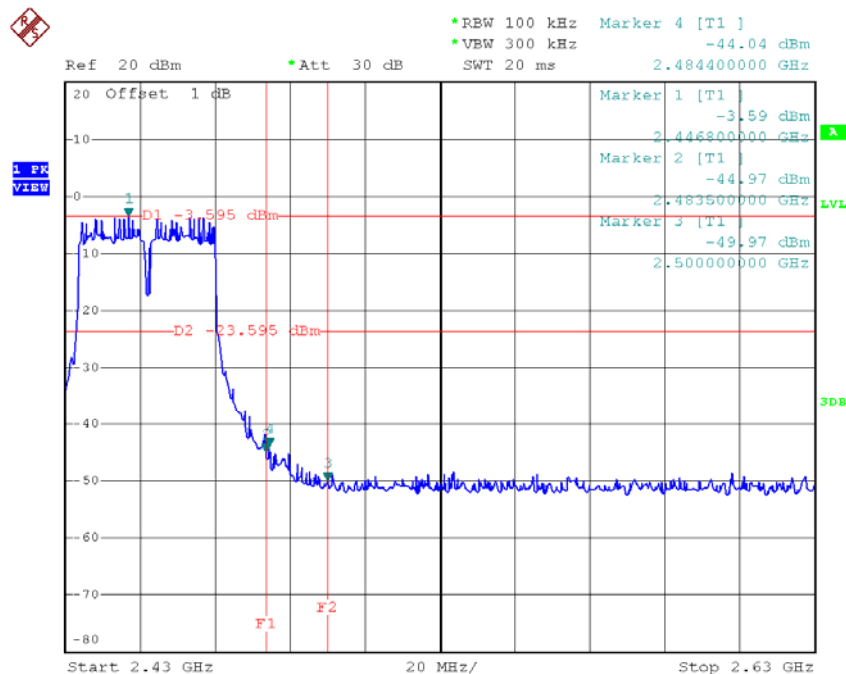
Test Mode :	TX N-40M Mode_ANT B
-------------	---------------------

TX HT40 mode CH03



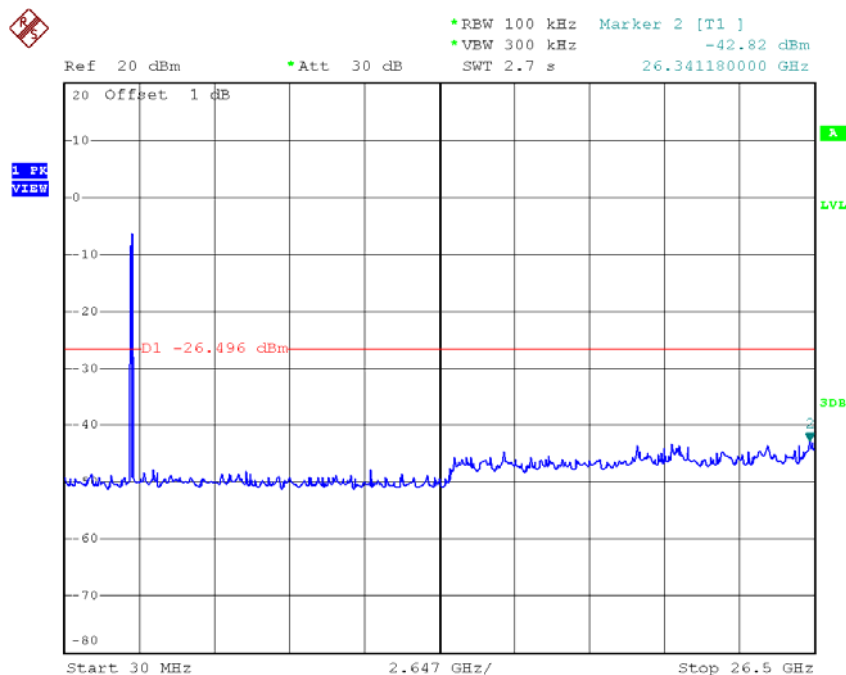
Date: 20.JUL.2015 19:31:08

TX HT40 mode CH09



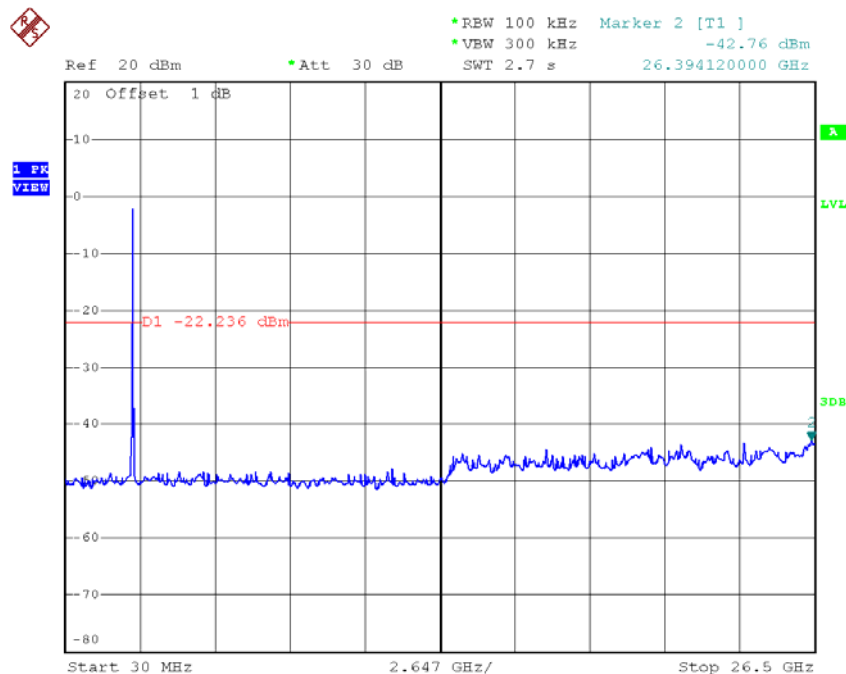
Date: 20.JUL.2015 19:36:58

TX HT40 mode CH03 (10 Harmonic of the frequency)



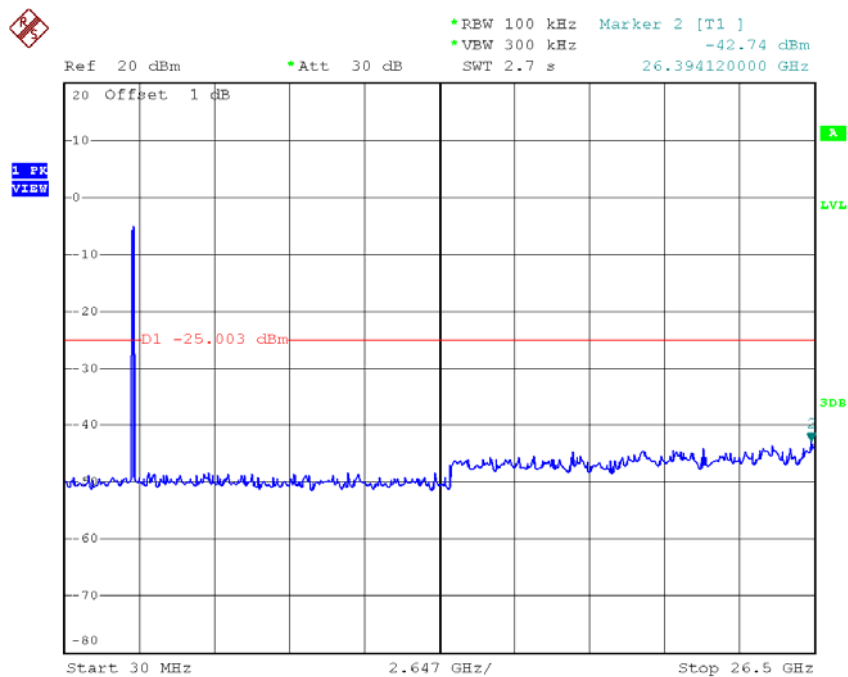
Date: 20.JUL.2015 19:31:00

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:34:40

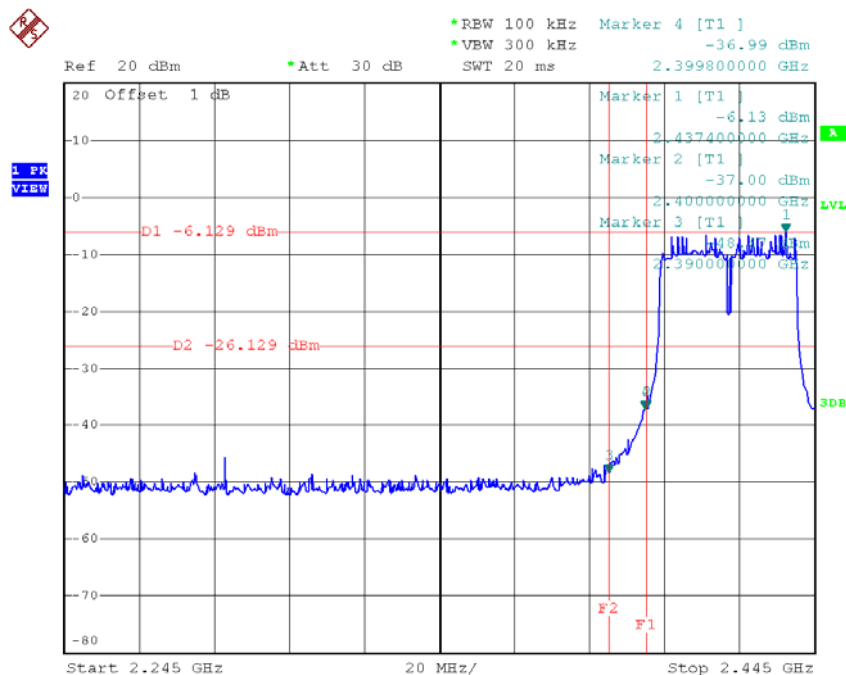
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 19:36:50

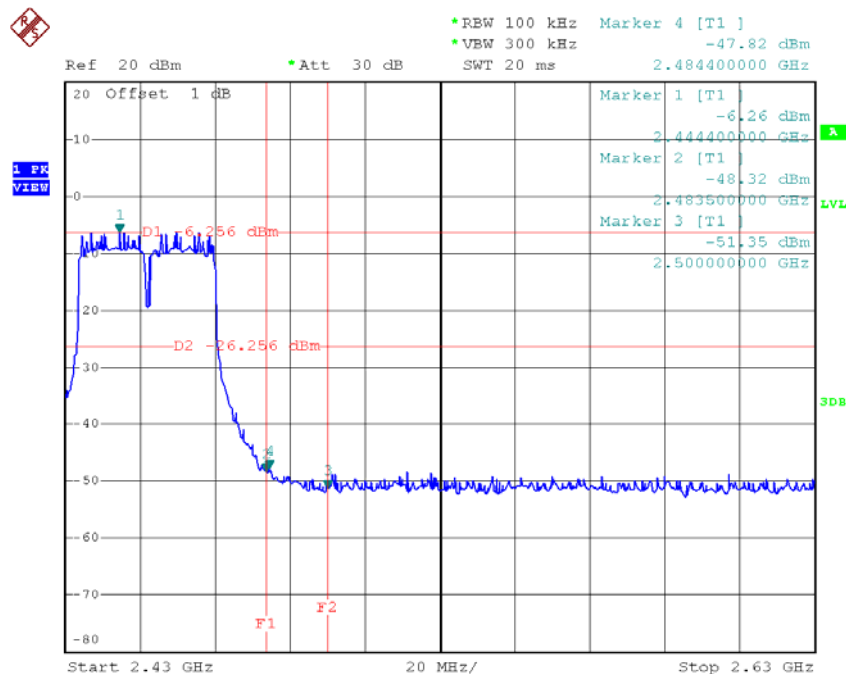
Test Mode :	TX N-40M Mode_ANT C
--------------------	---------------------

TX HT40 mode CH03



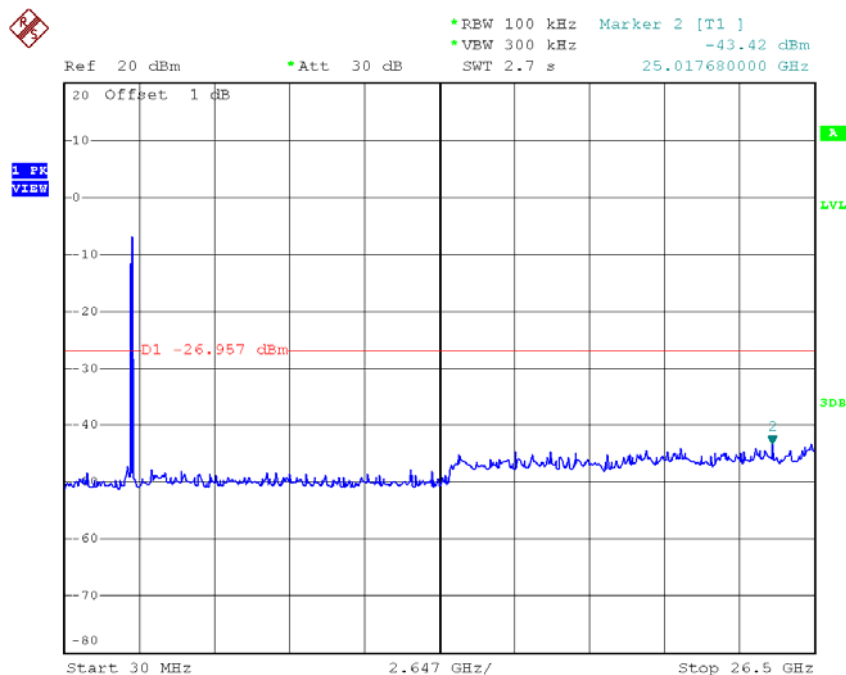
Date: 20.JUL.2015 20:40:02

TX HT40 mode CH09



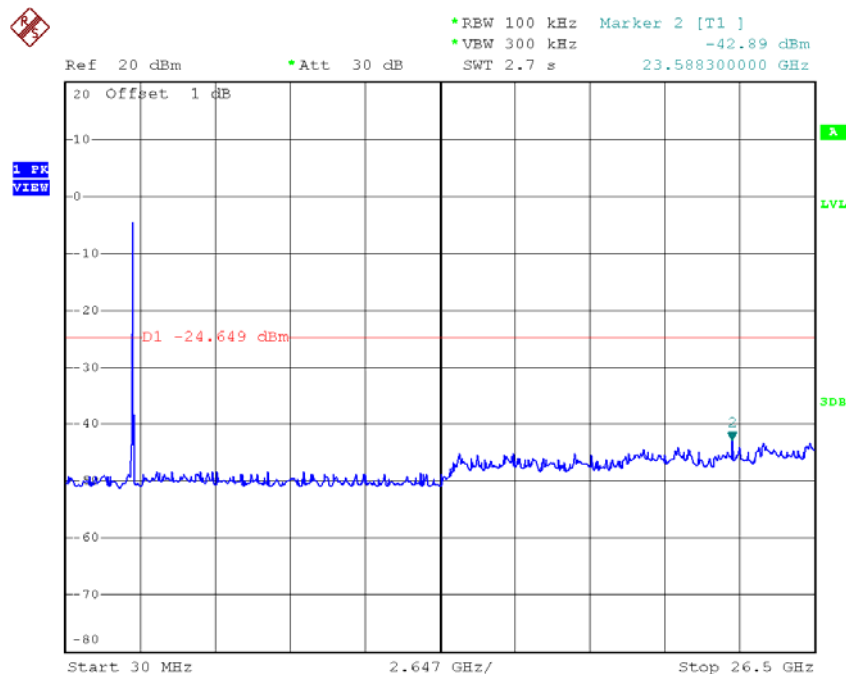
Date: 20.JUL.2015 20:42:59

TX HT40 mode CH03 (10 Harmonic of the frequency)



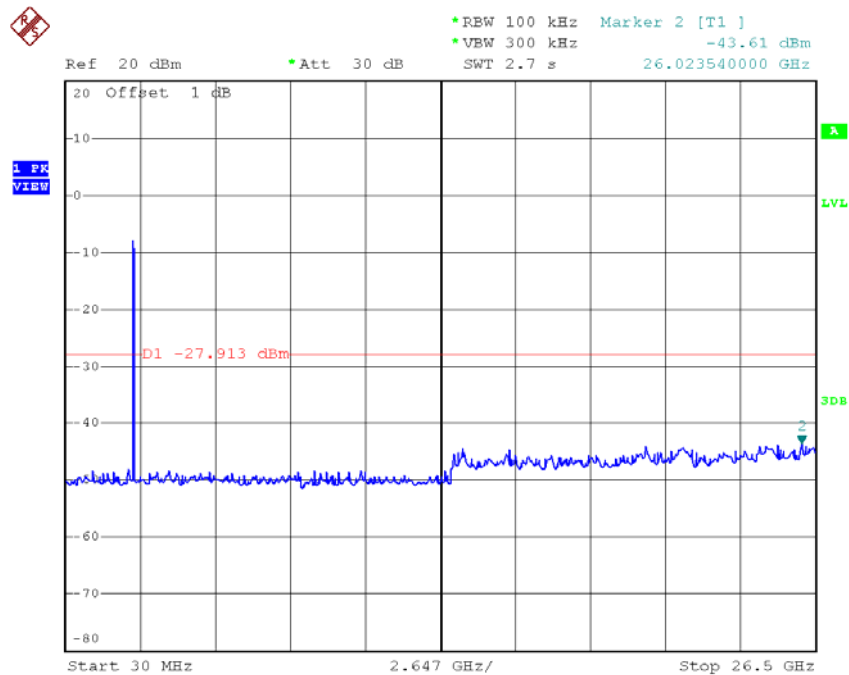
Date: 20.JUL.2015 20:39:54

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 20:40:57

TX HT40 mode CH09 (10 Harmonic of the frequency)

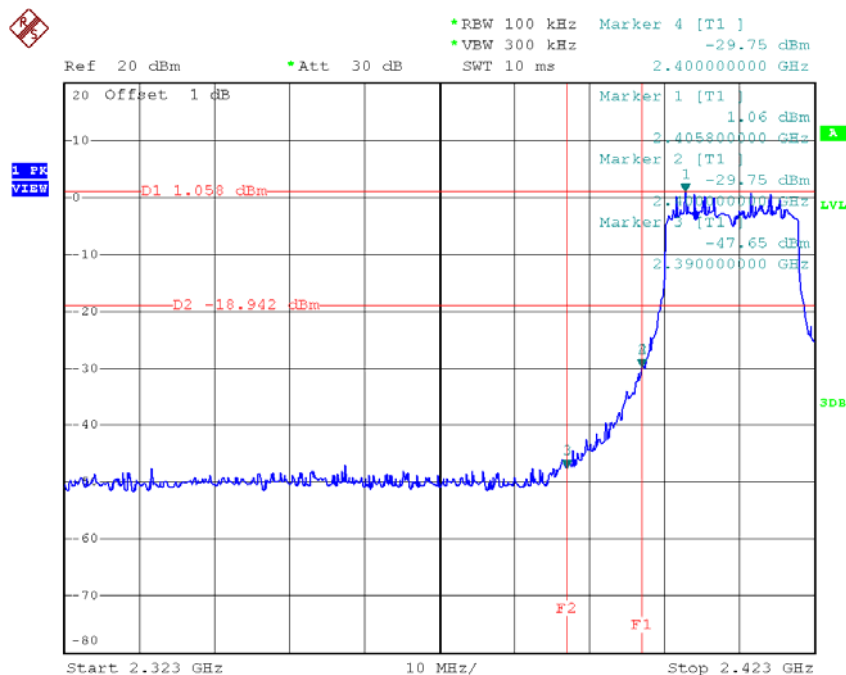


Date: 20.JUL.2015 20:42:52

For 2T2R with beamforming

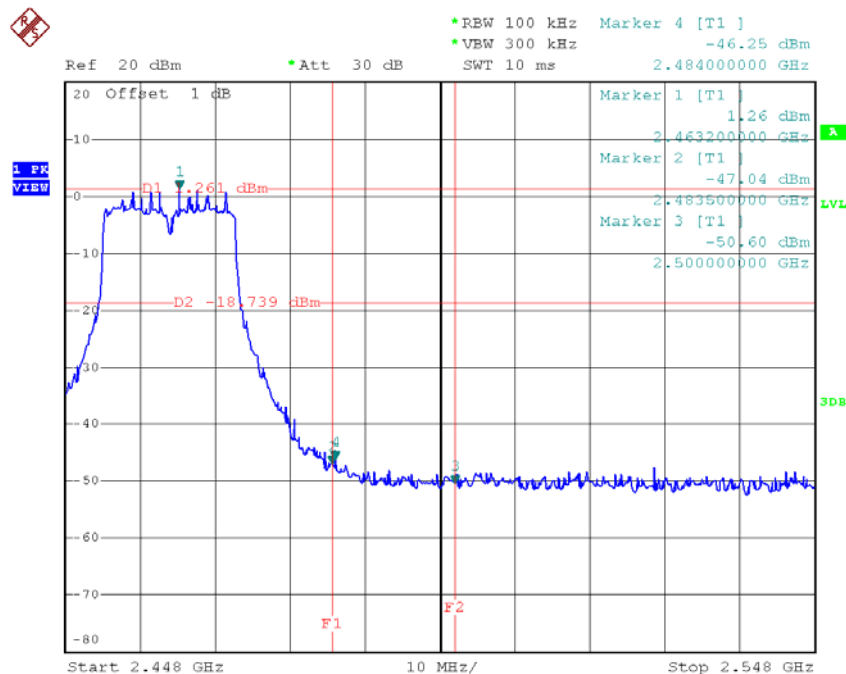
Test Mode :	TX N-20M Mode_ANT A
-------------	---------------------

TX HT20 mode CH01



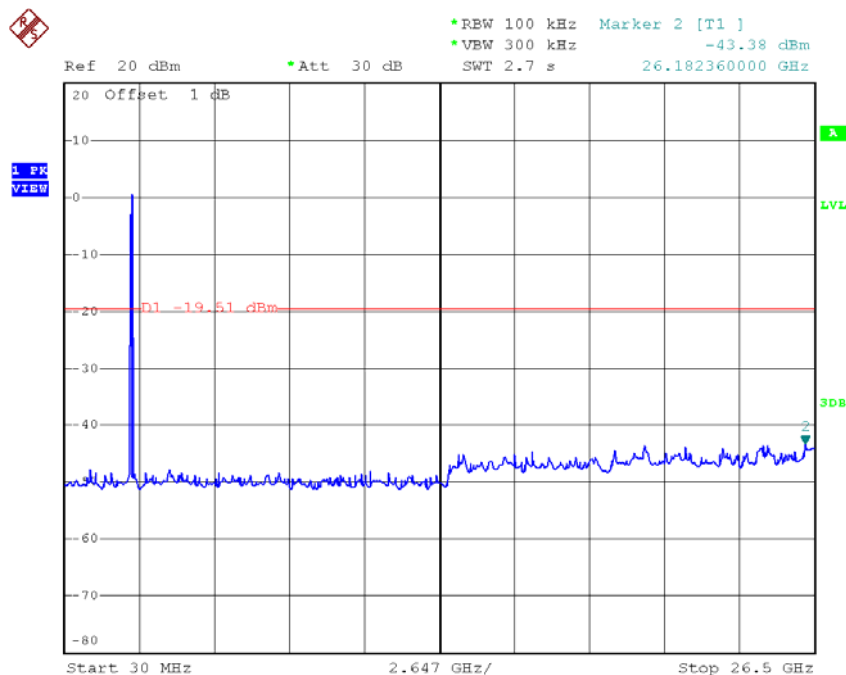
Date: 20.JUL.2015 10:23:35

TX HT20 mode CH11



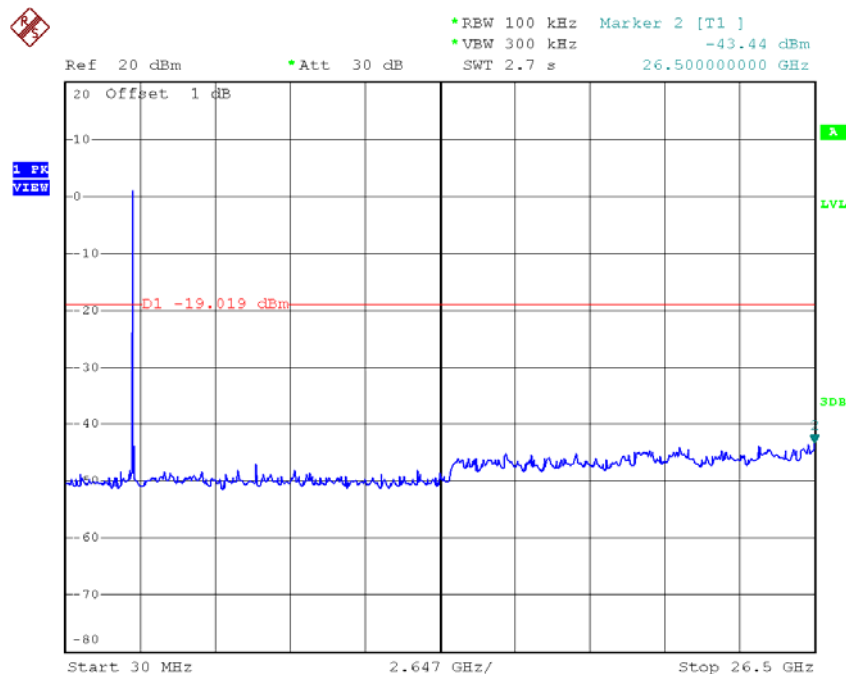
Date: 20.JUL.2015 10:25:46

TX HT20 mode CH01 (10 Harmonic of the frequency)



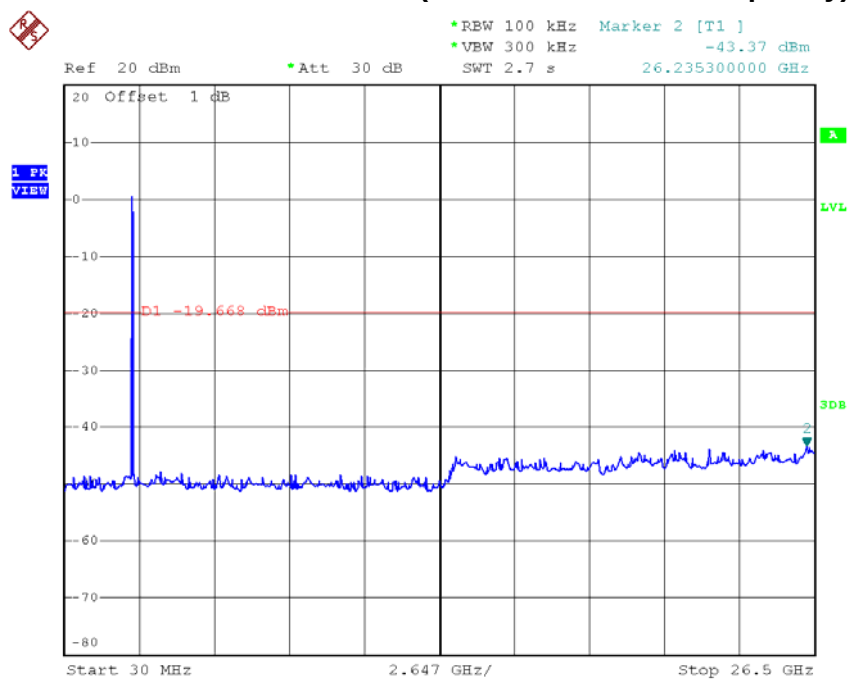
Date: 20.JUL.2015 10:23:27

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:24:31

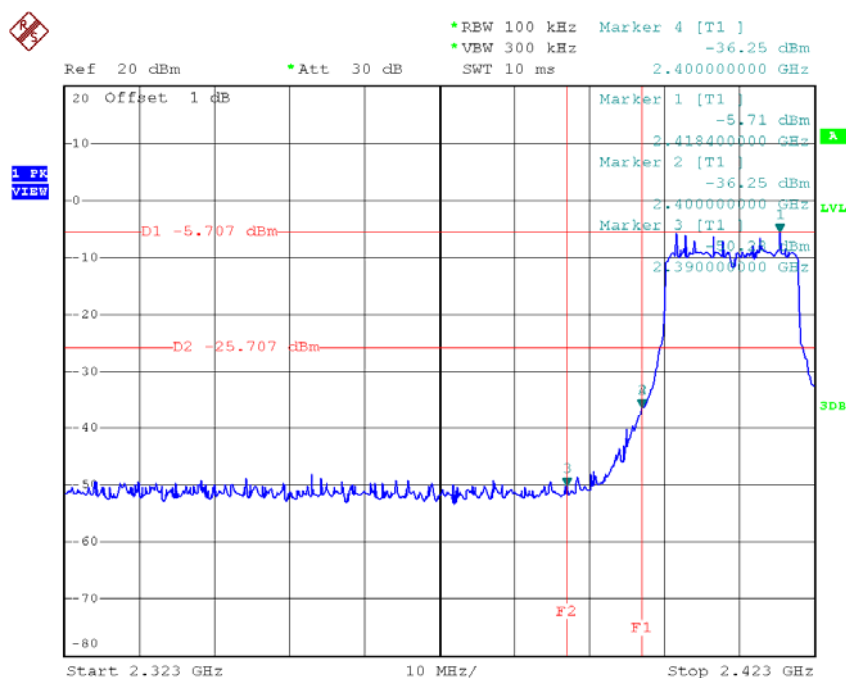
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:25:38

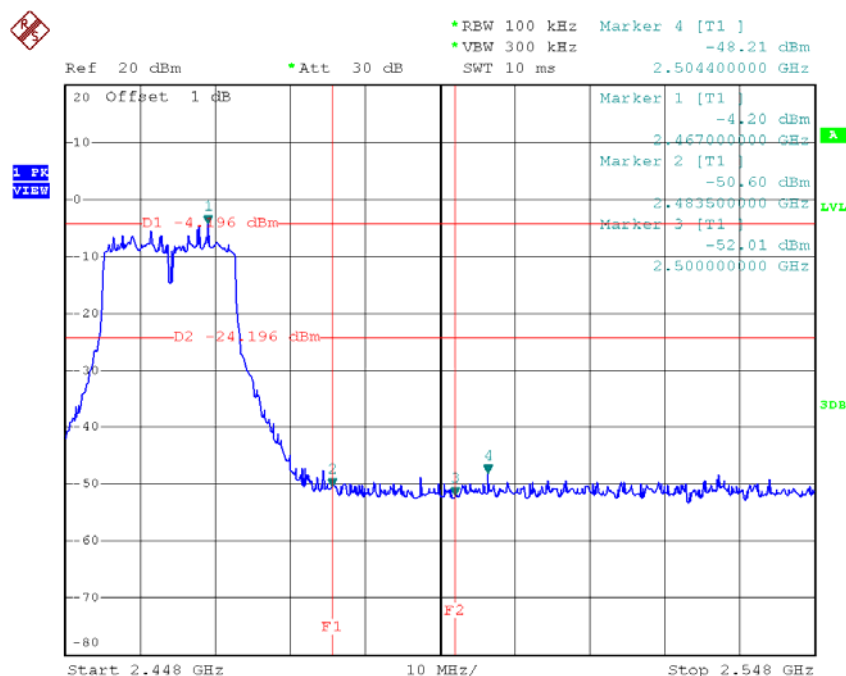
Test Mode :	TX N-20M Mode_ANT B
--------------------	----------------------------

TX HT20 mode CH01



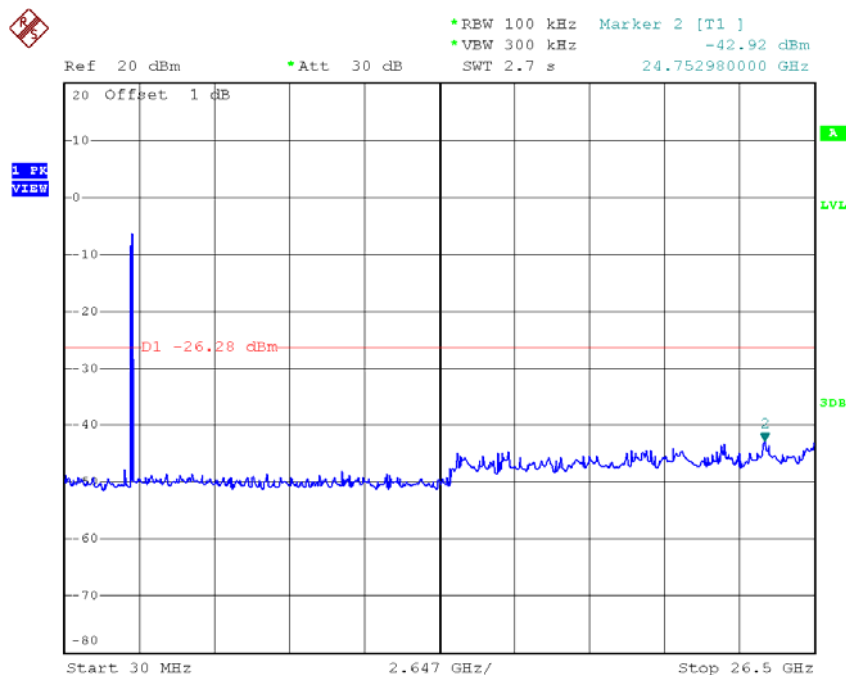
Date: 20.JUL.2015 12:16:07

TX HT20 mode CH11



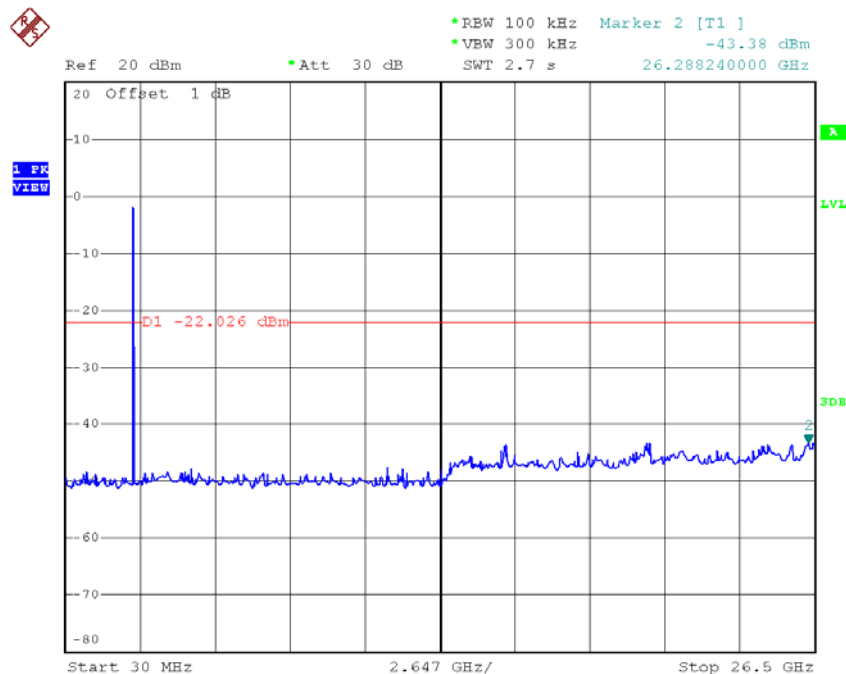
Date: 20.JUL.2015 12:17:53

TX HT20 mode CH01 (10 Harmonic of the frequency)



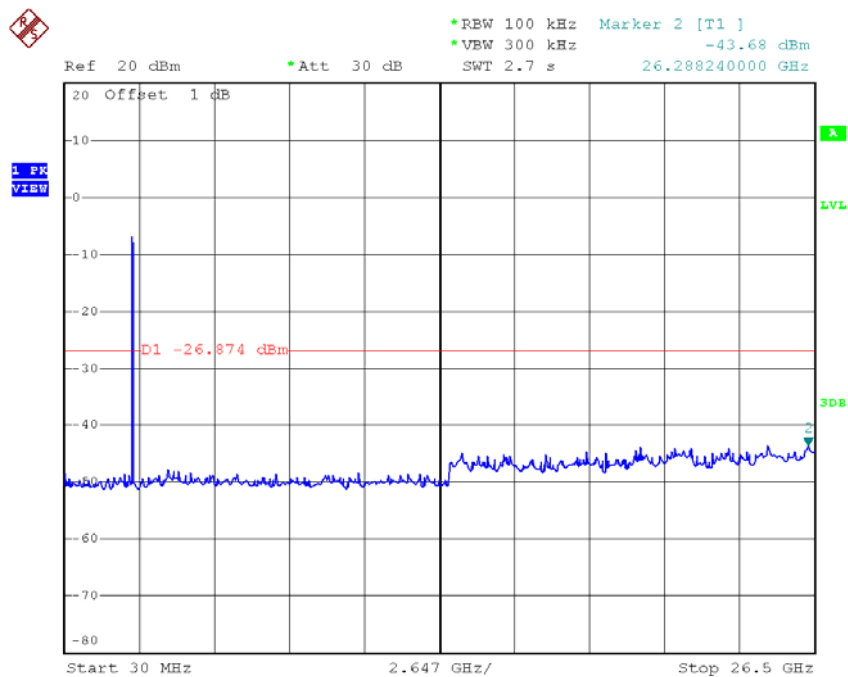
Date: 20.JUL.2015 12:15:59

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 12:16:54

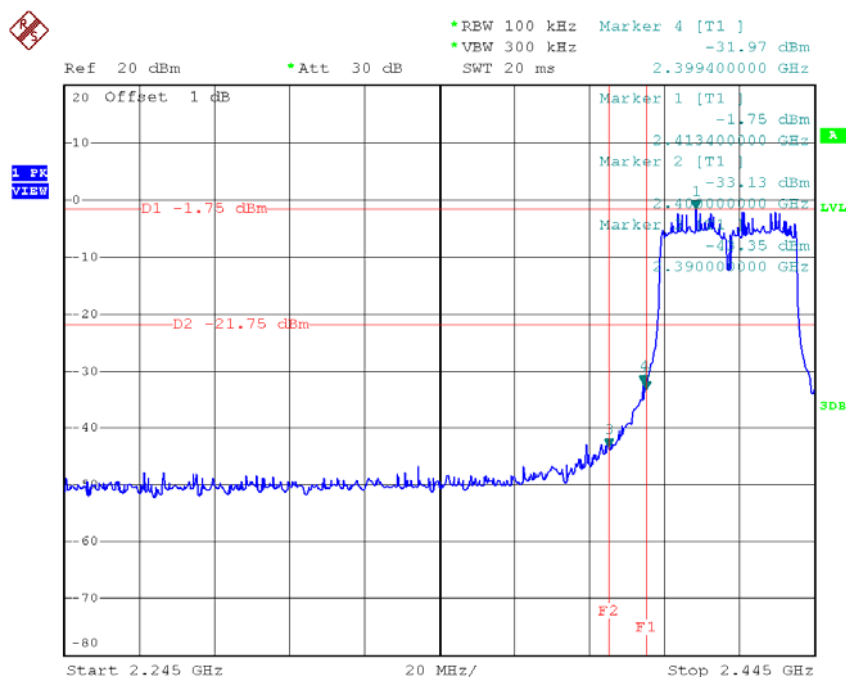
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 12:17:45

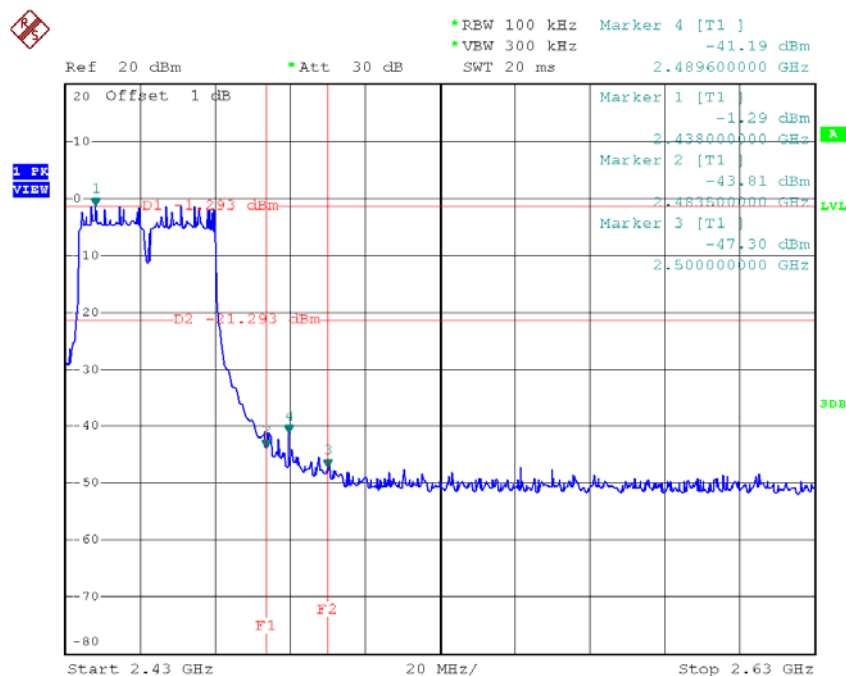
Test Mode :	TX N-40M Mode_ANT A
-------------	---------------------

TX HT40 mode CH03



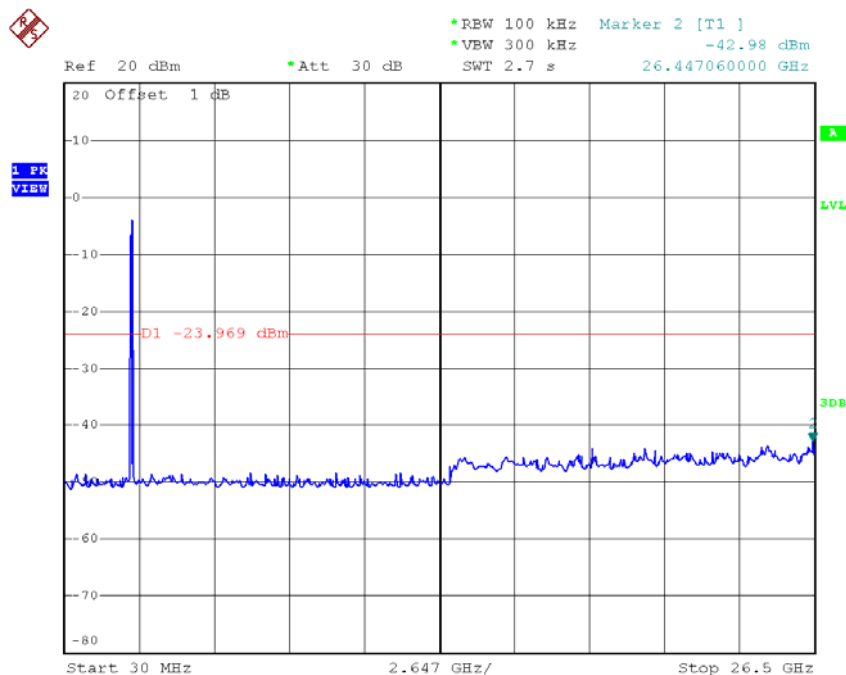
Date: 20.JUL.2015 10:27:41

TX HT40 mode CH09



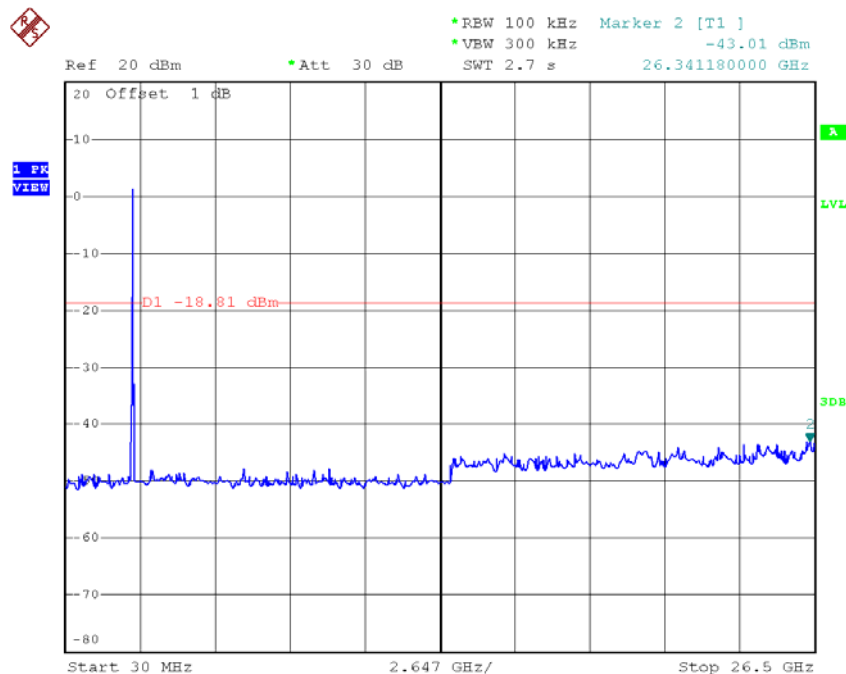
Date: 20.JUL.2015 10:29:46

TX HT40 mode CH03 (10 Harmonic of the frequency)



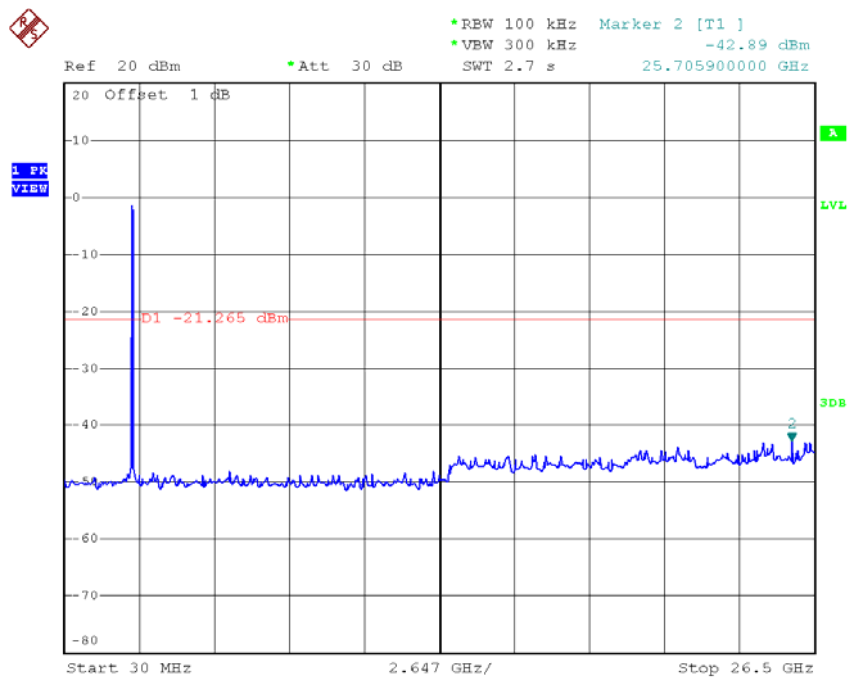
Date: 20.JUL.2015 10:27:33

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:28:36

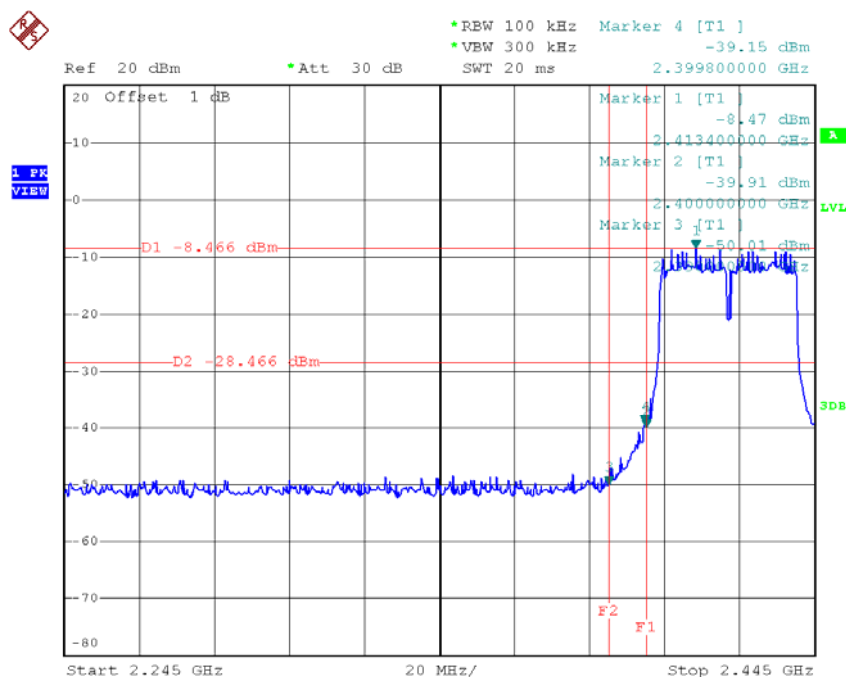
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:29:38

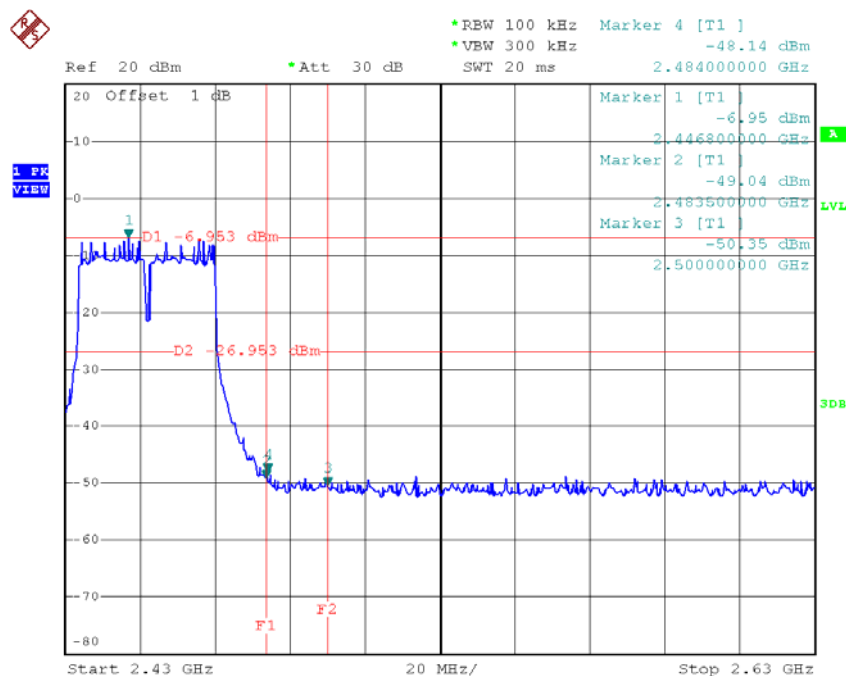
Test Mode :	TX N-40M Mode_ANT B
-------------	---------------------

TX HT40 mode CH03



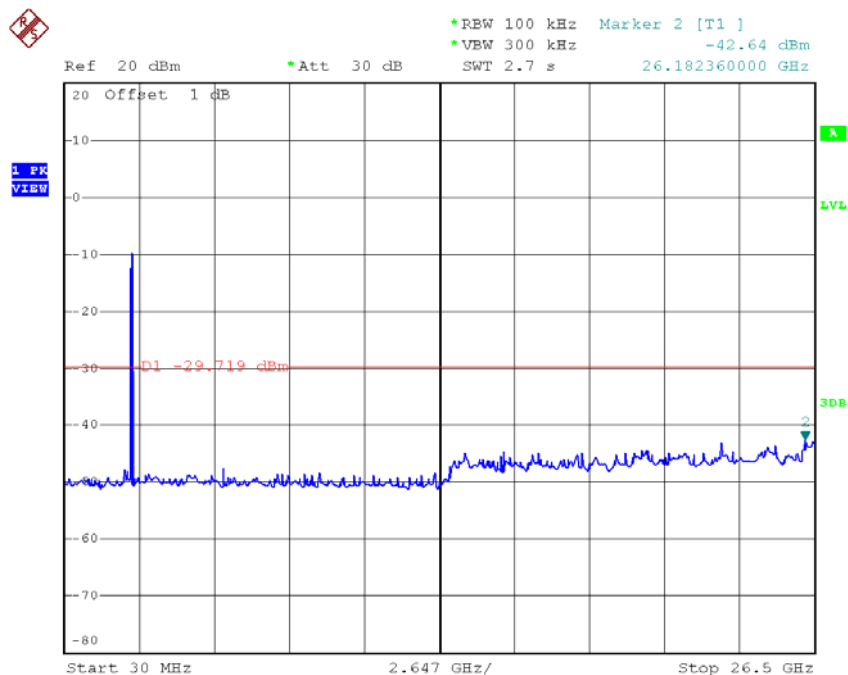
Date: 20.JUL.2015 12:19:10

TX HT40 mode CH09



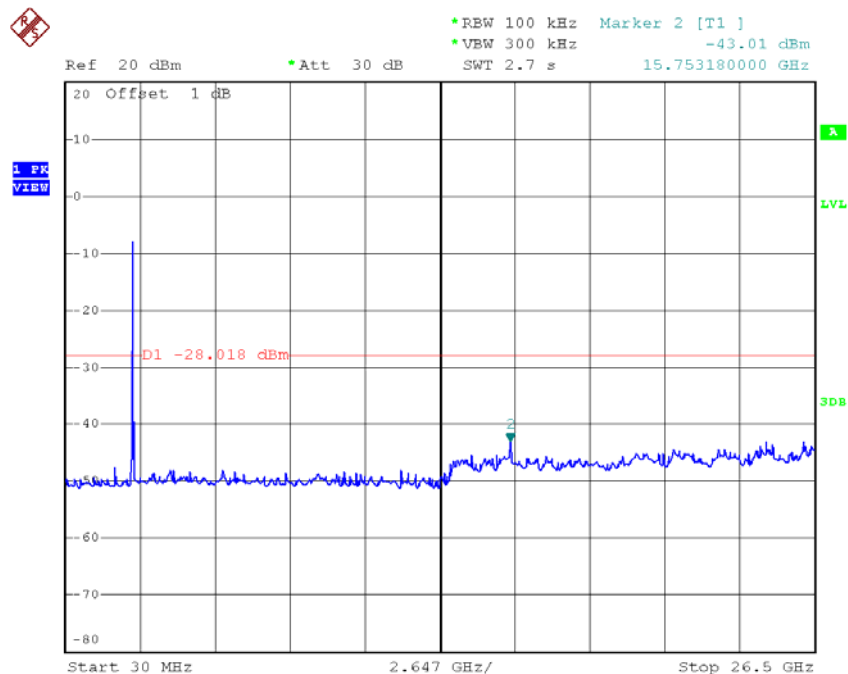
Date: 20.JUL.2015 12:22:30

TX HT40 mode CH03 (10 Harmonic of the frequency)



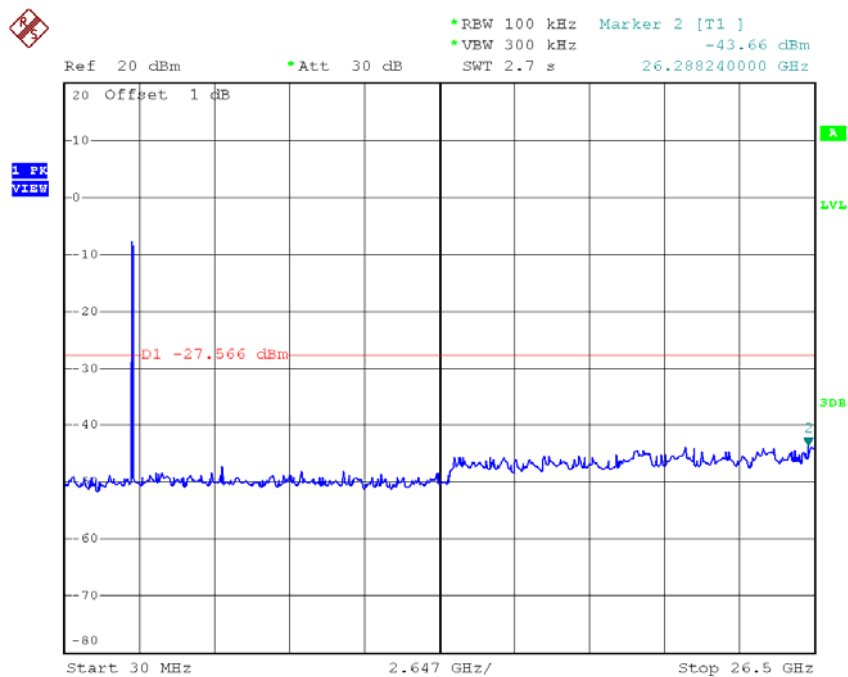
Date: 20.JUL.2015 12:19:02

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 12:20:02

TX HT40 mode CH09 (10 Harmonic of the frequency)

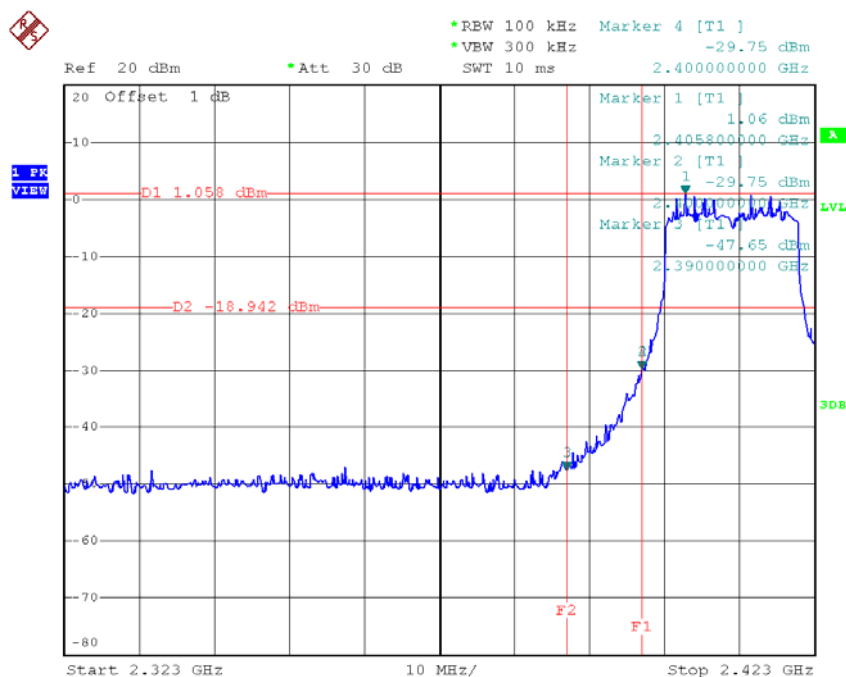


Date: 20.JUL.2015 12:22:22

For 3T3R with Beamforming

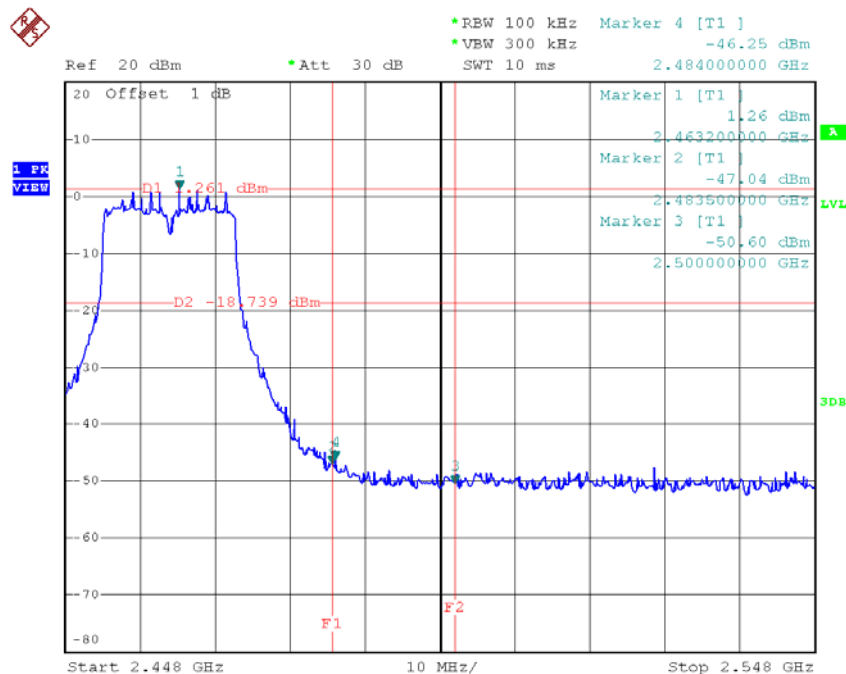
Test Mode :	TX N-20M Mode_ANT A
--------------------	---------------------

TX HT20 mode CH01



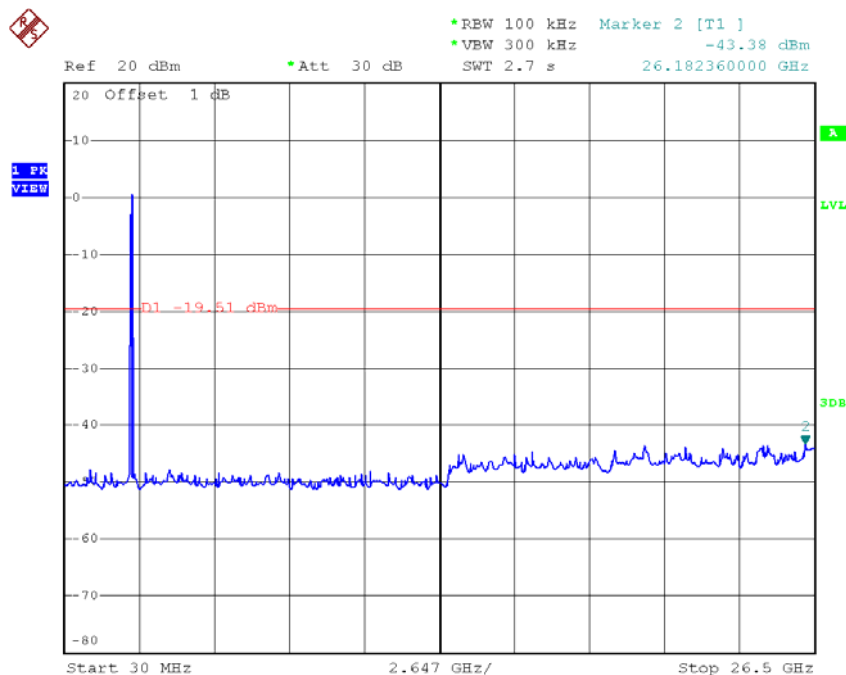
Date: 20.JUL.2015 10:23:35

TX HT20 mode CH11



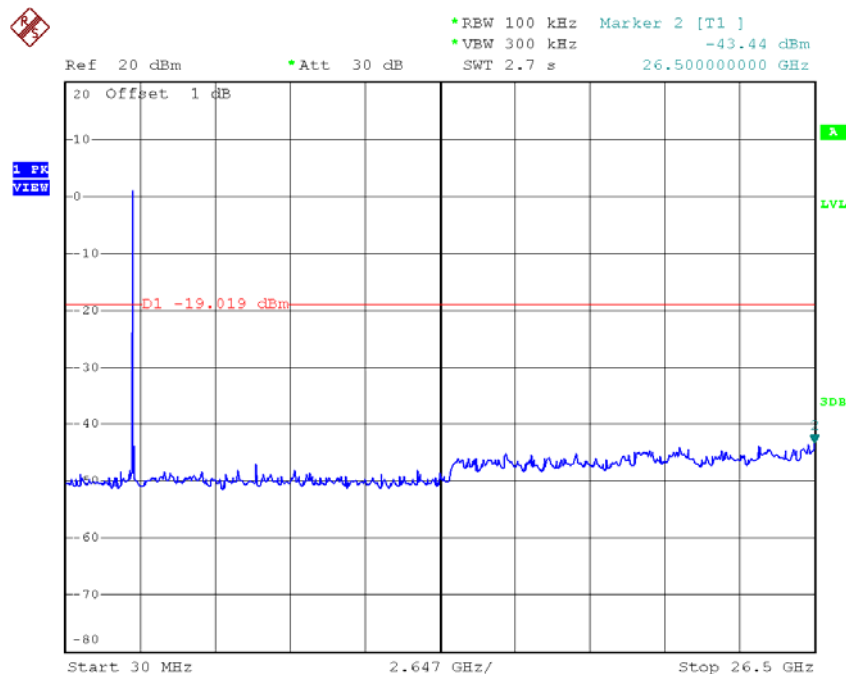
Date: 20.JUL.2015 10:25:46

TX HT20 mode CH01 (10 Harmonic of the frequency)



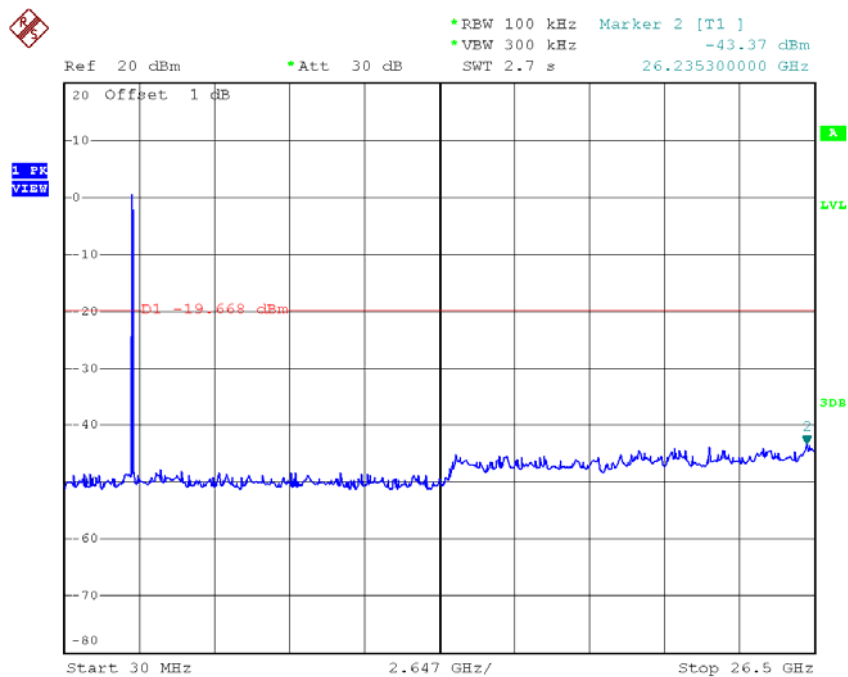
Date: 20.JUL.2015 10:23:27

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:24:31

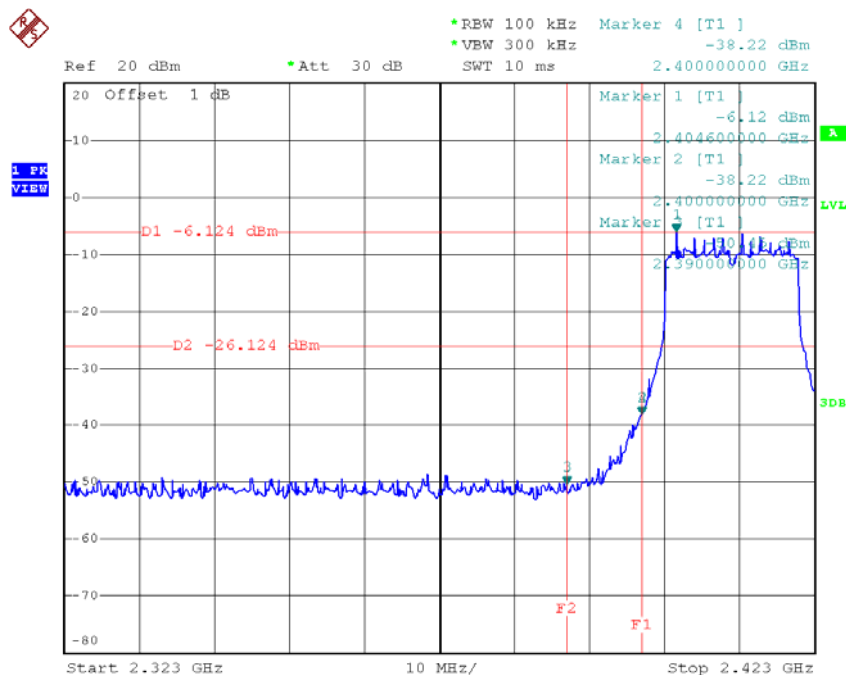
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:25:38

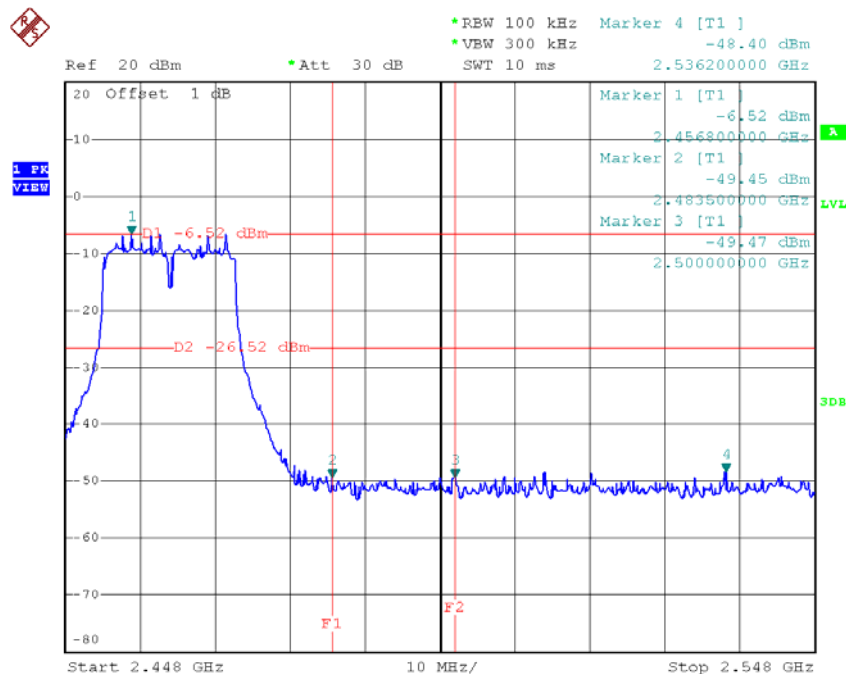
Test Mode :	TX N-20M Mode_ANT B
-------------	---------------------

TX HT20 mode CH01



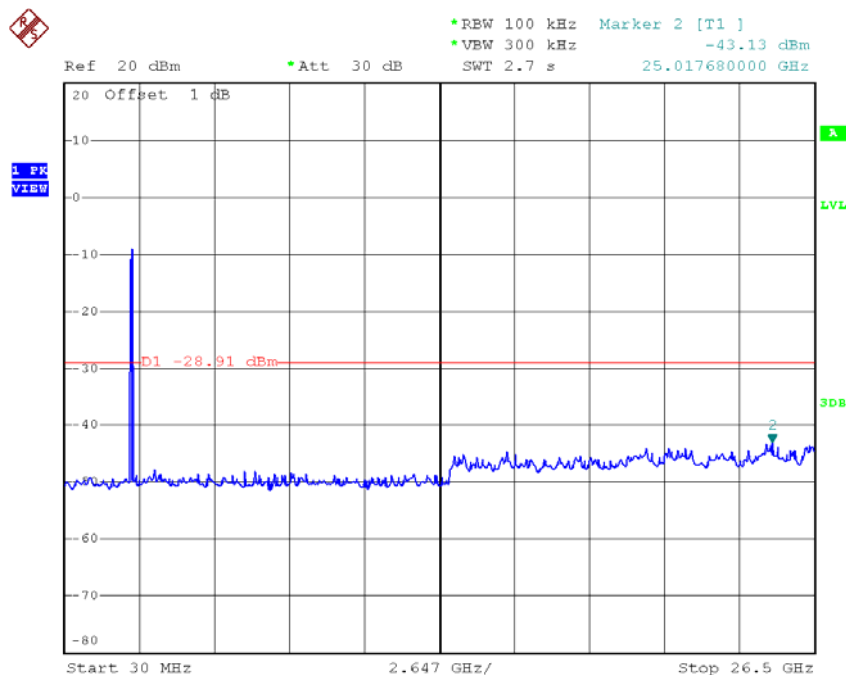
Date: 20.JUL.2015 14:36:34

TX HT20 mode CH11



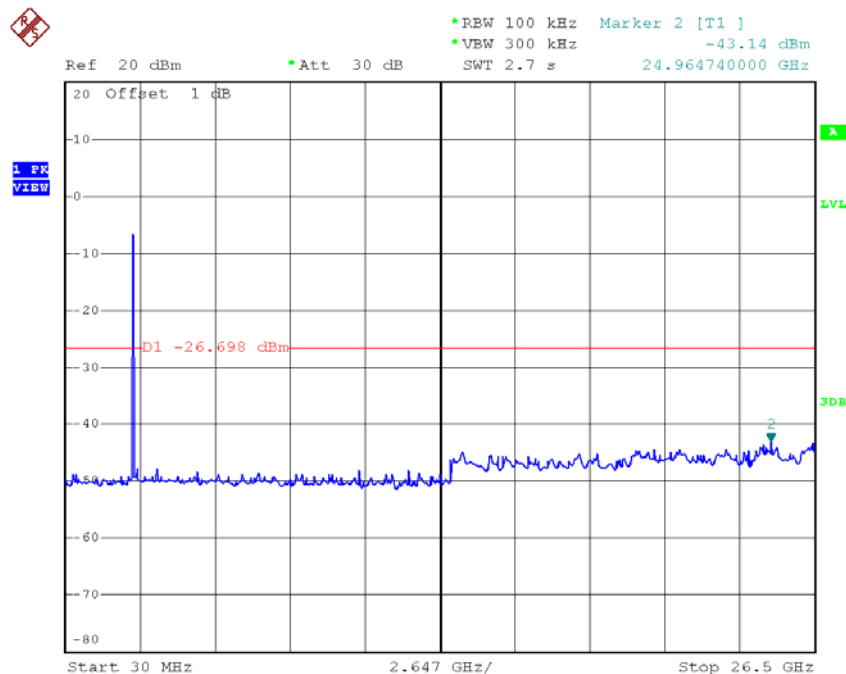
Date: 20.JUL.2015 14:38:28

TX HT20 mode CH01 (10 Harmonic of the frequency)



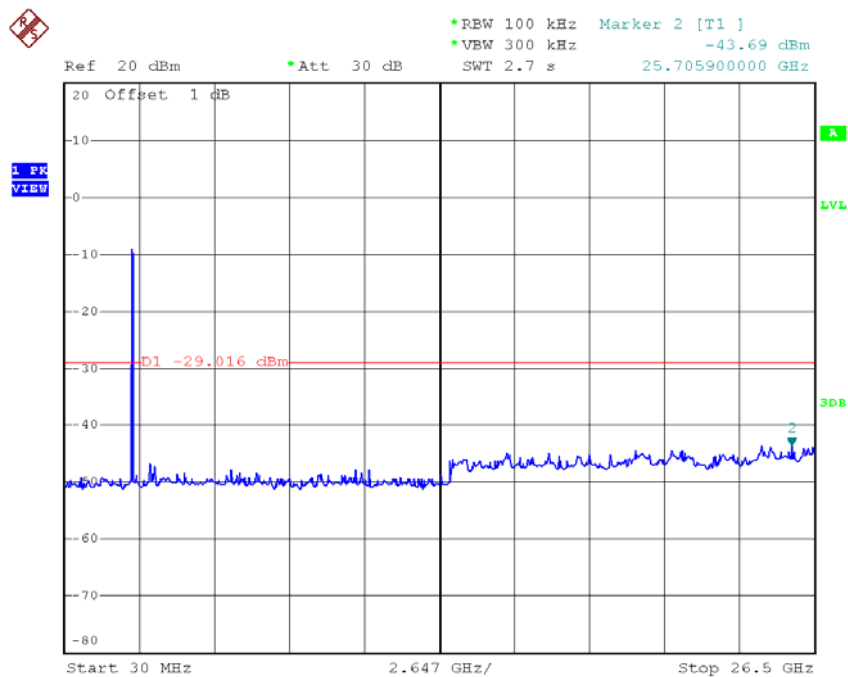
Date: 20.JUL.2015 14:36:27

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:37:31

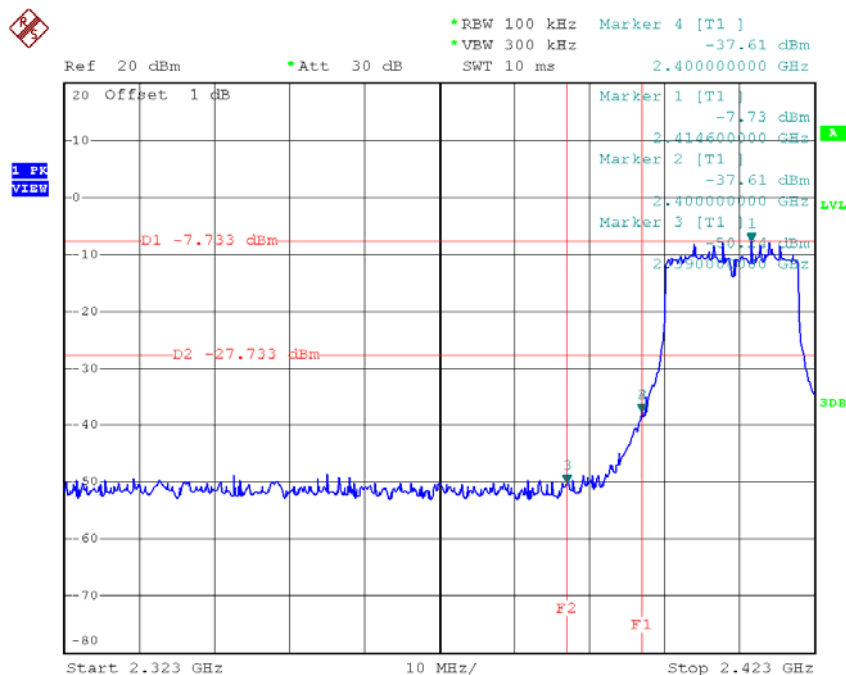
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:38:20

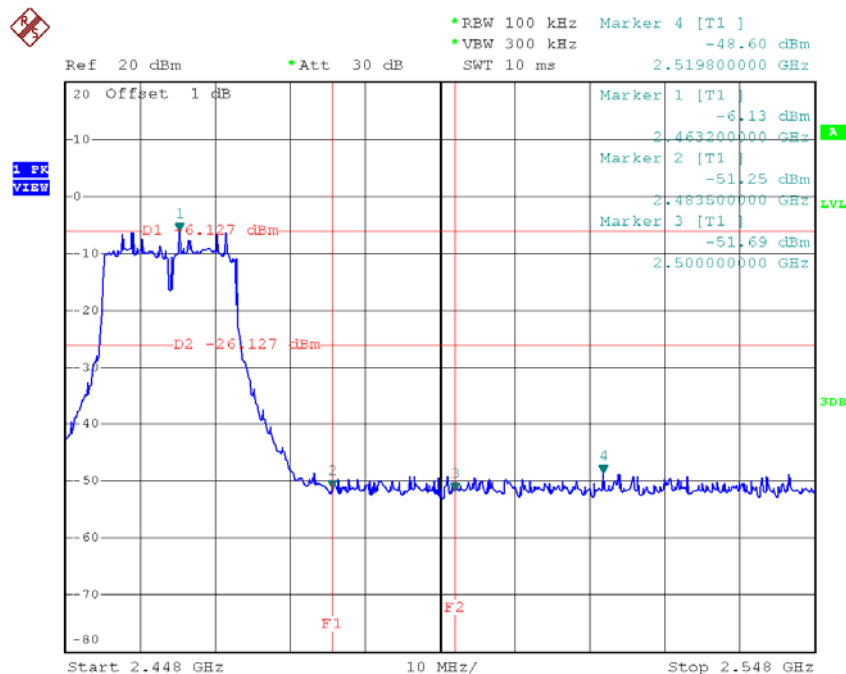
Test Mode :	TX N-20M Mode_ANT C
-------------	---------------------

TX HT20 mode CH01



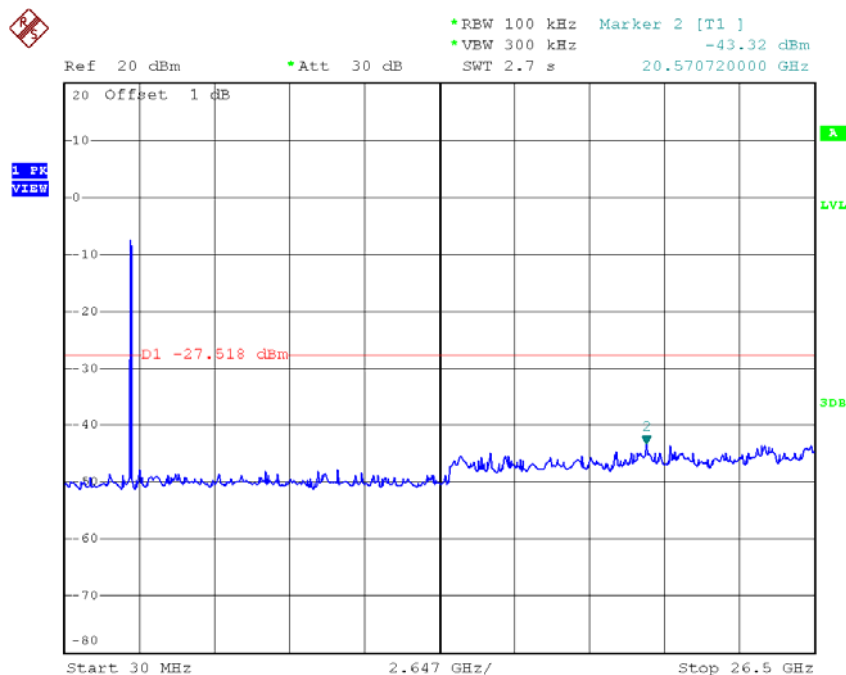
Date: 20.JUL.2015 14:42:44

TX HT20 mode CH11



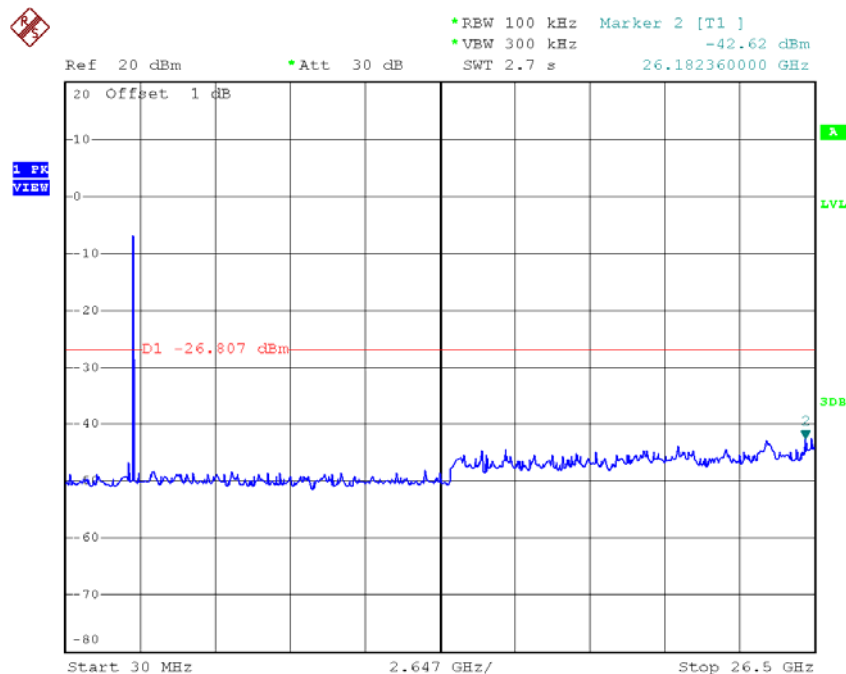
Date: 20.JUL.2015 14:44:51

TX HT20 mode CH01 (10 Harmonic of the frequency)



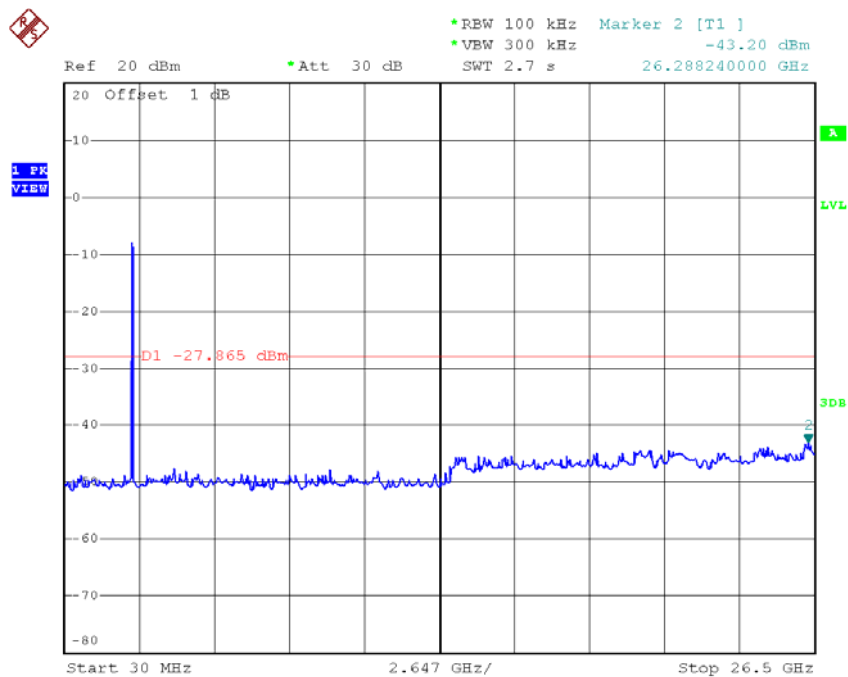
Date: 20.JUL.2015 14:42:36

TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:43:50

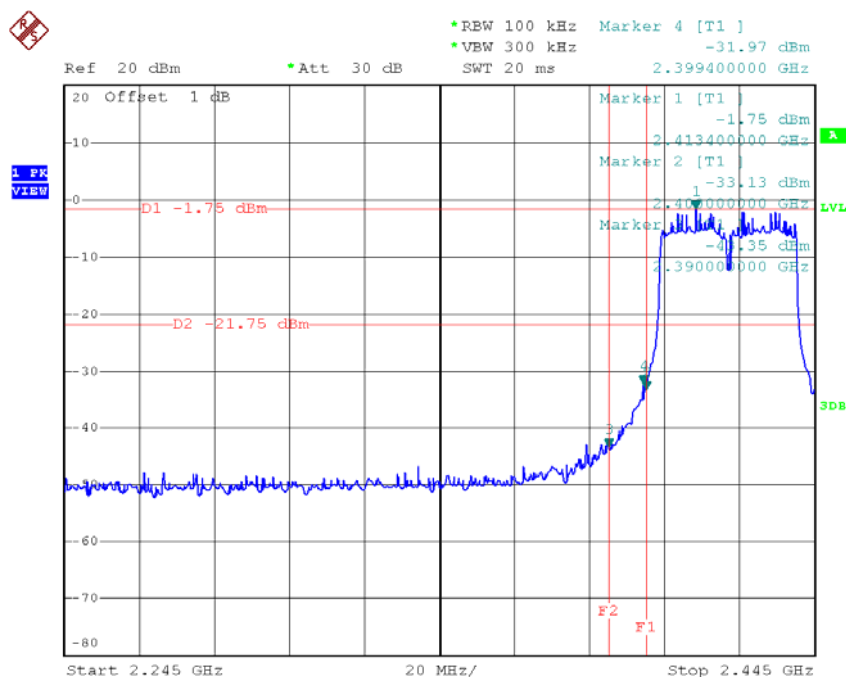
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:44:43

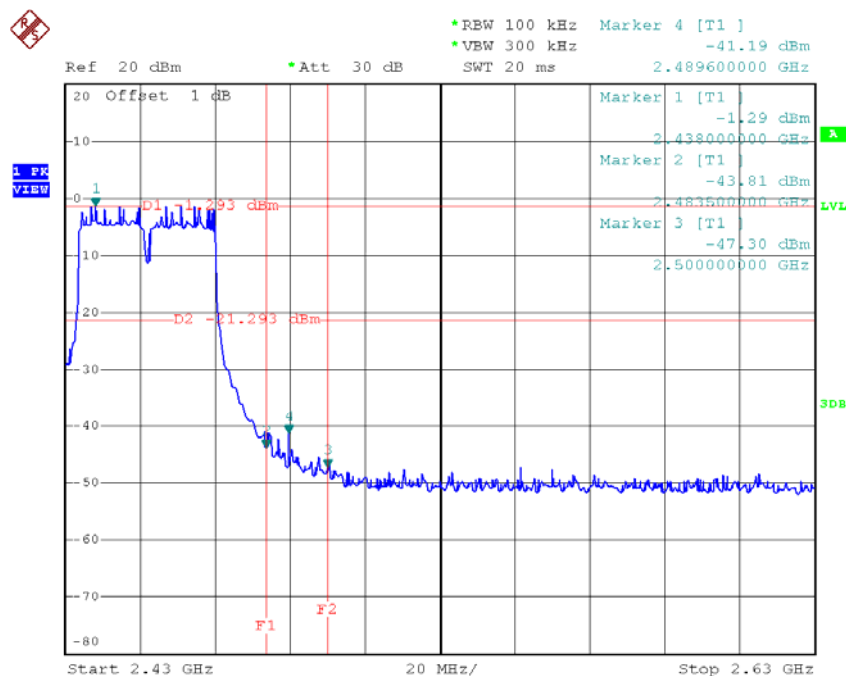
Test Mode :	TX N-40M Mode_ANT A
-------------	---------------------

TX HT40 mode CH03



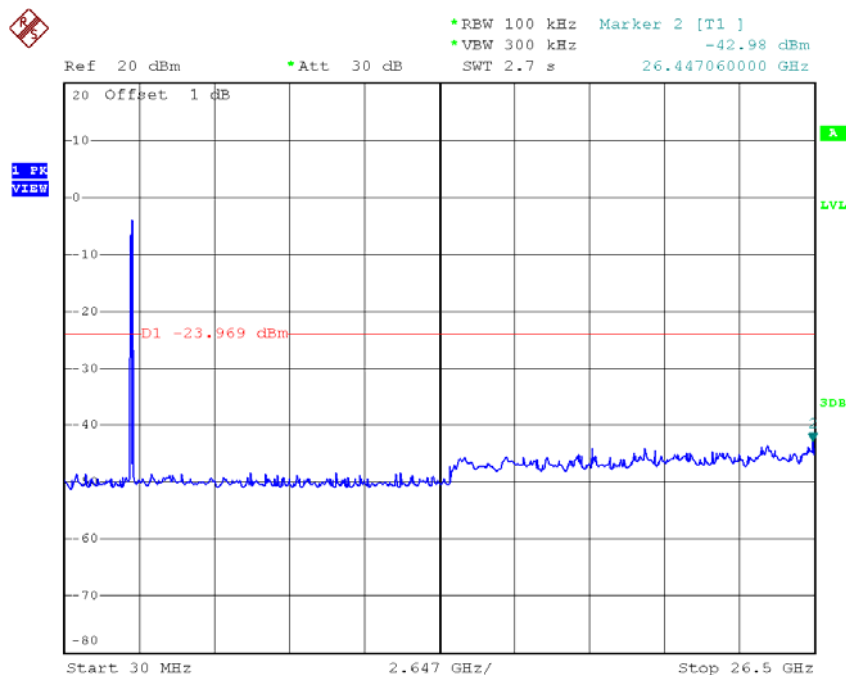
Date: 20.JUL.2015 10:27:41

TX HT40 mode CH09



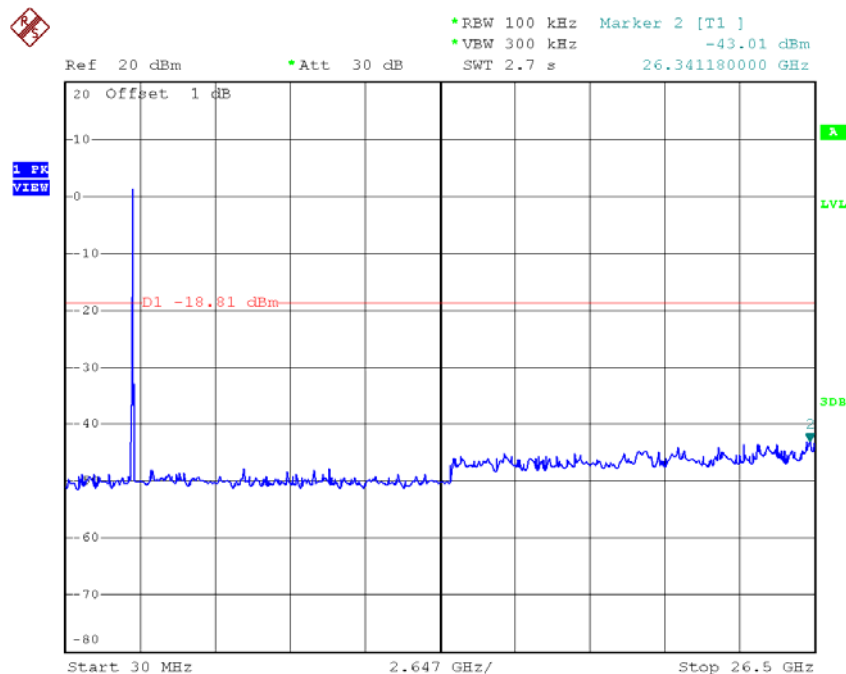
Date: 20.JUL.2015 10:29:46

TX HT40 mode CH03 (10 Harmonic of the frequency)



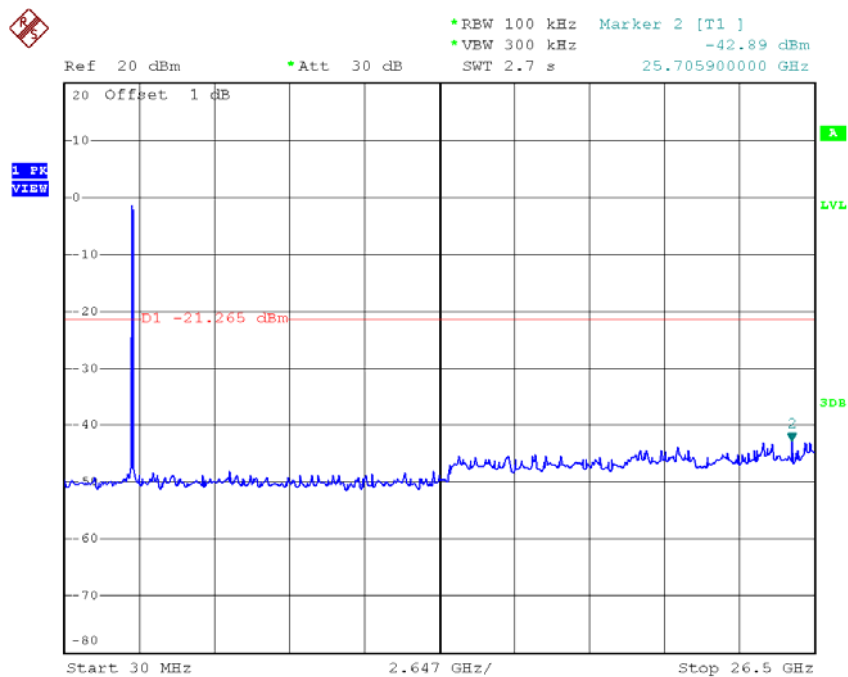
Date: 20.JUL.2015 10:27:33

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:28:36

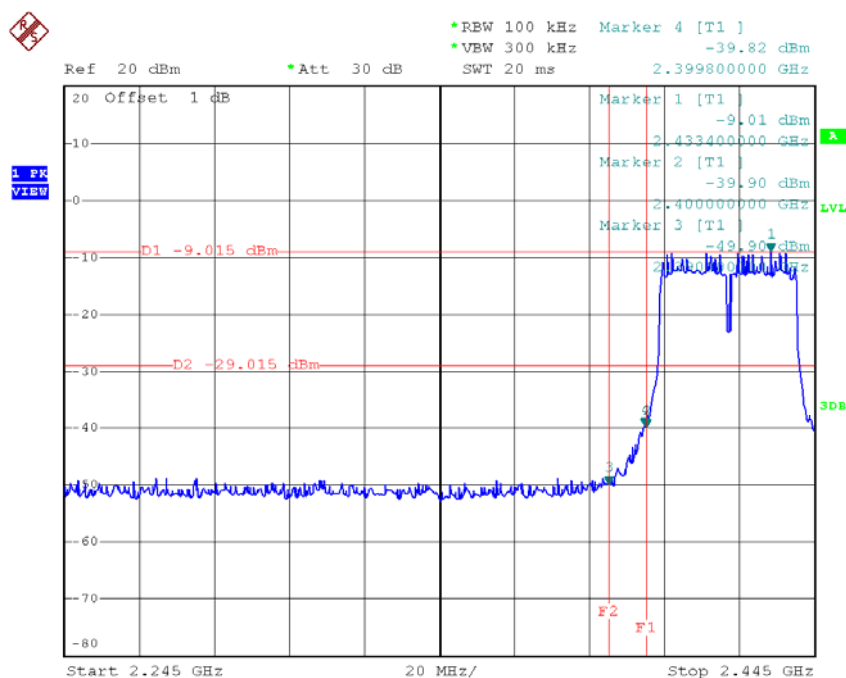
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 10:29:38

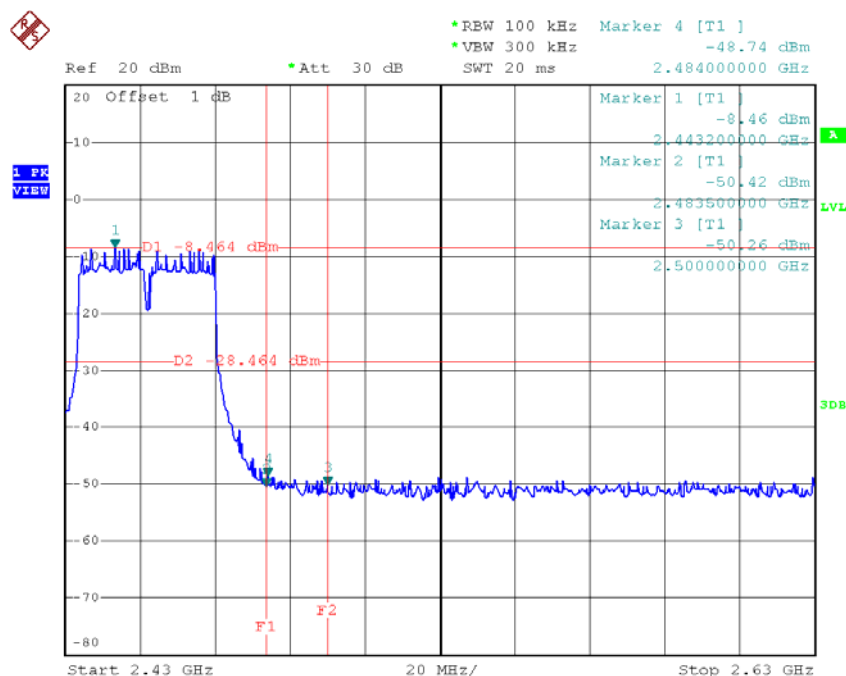
Test Mode :	TX N-40M Mode_ANT B
-------------	---------------------

TX HT40 mode CH03



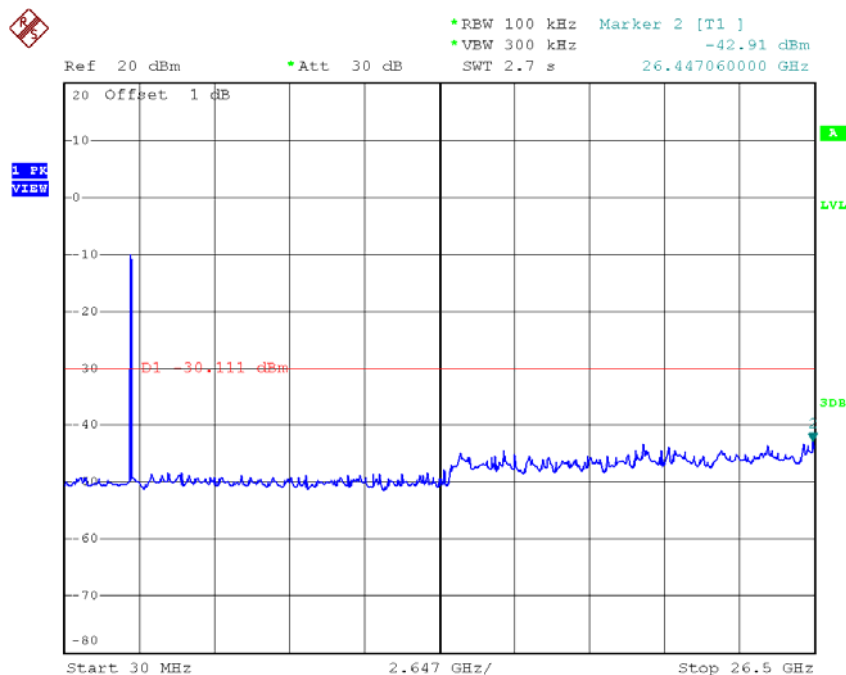
Date: 20.JUL.2015 14:39:28

TX HT40 mode CH09



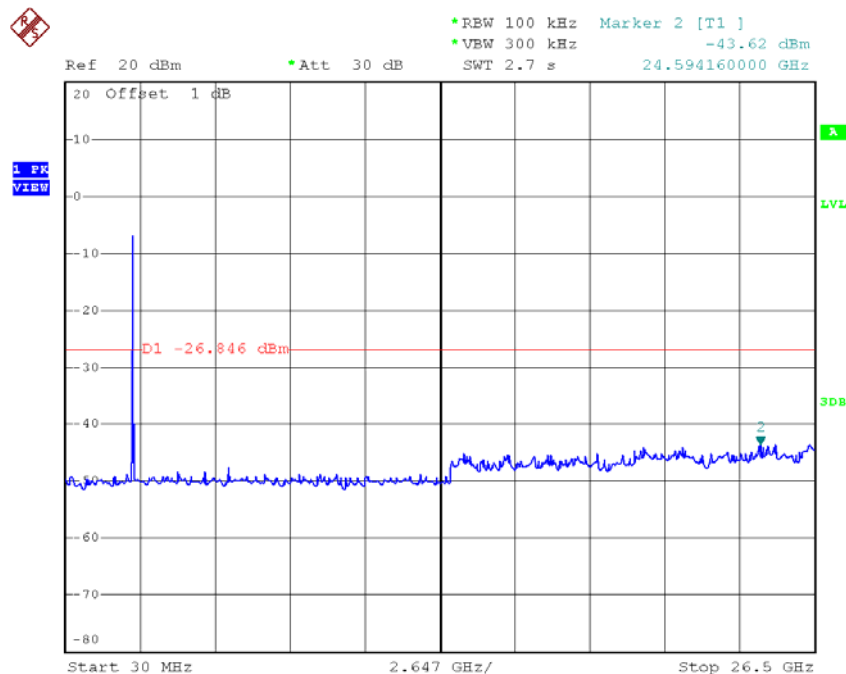
Date: 20.JUL.2015 14:41:18

TX HT40 mode CH03 (10 Harmonic of the frequency)



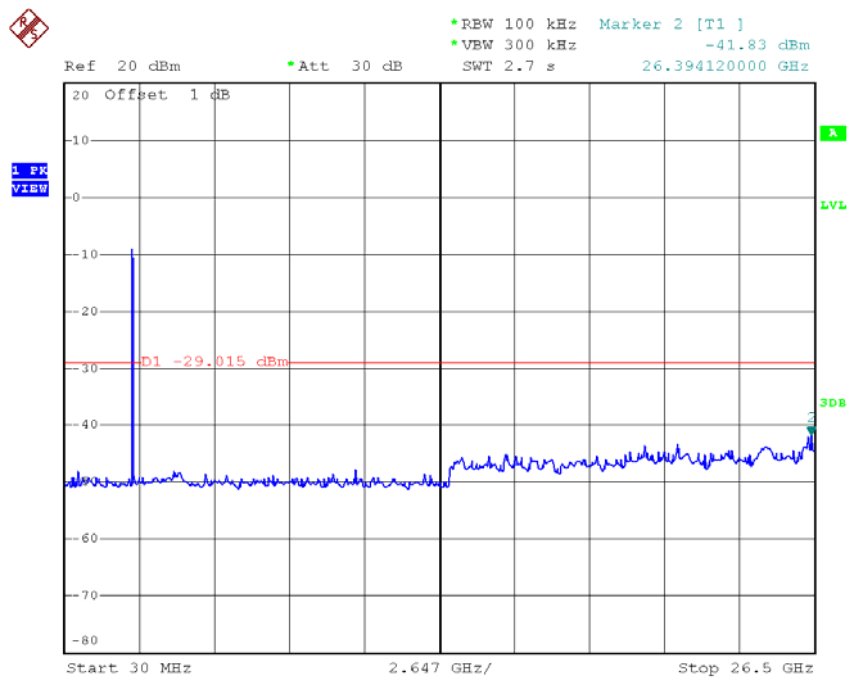
Date: 20.JUL.2015 14:39:20

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:40:17

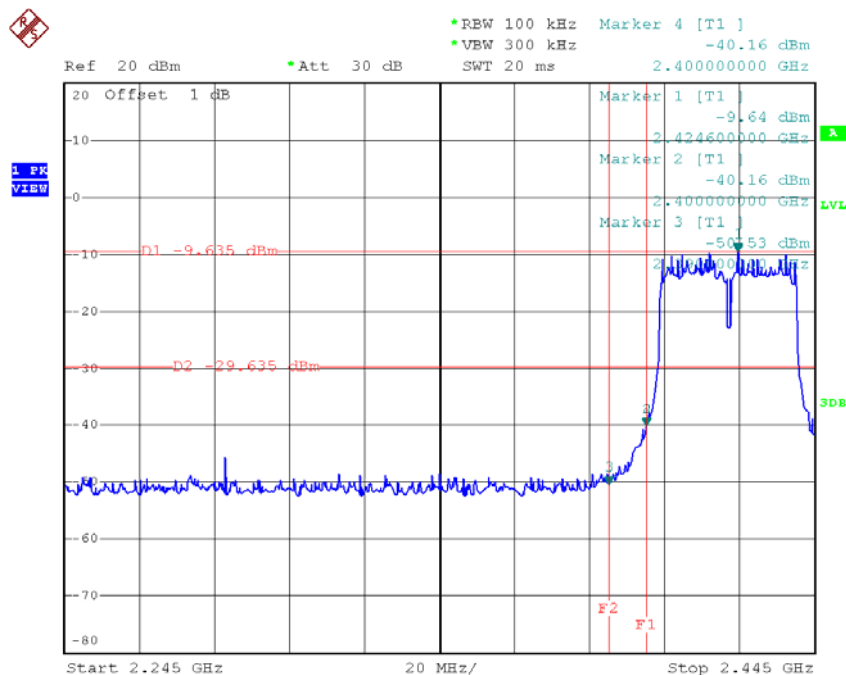
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:41:10

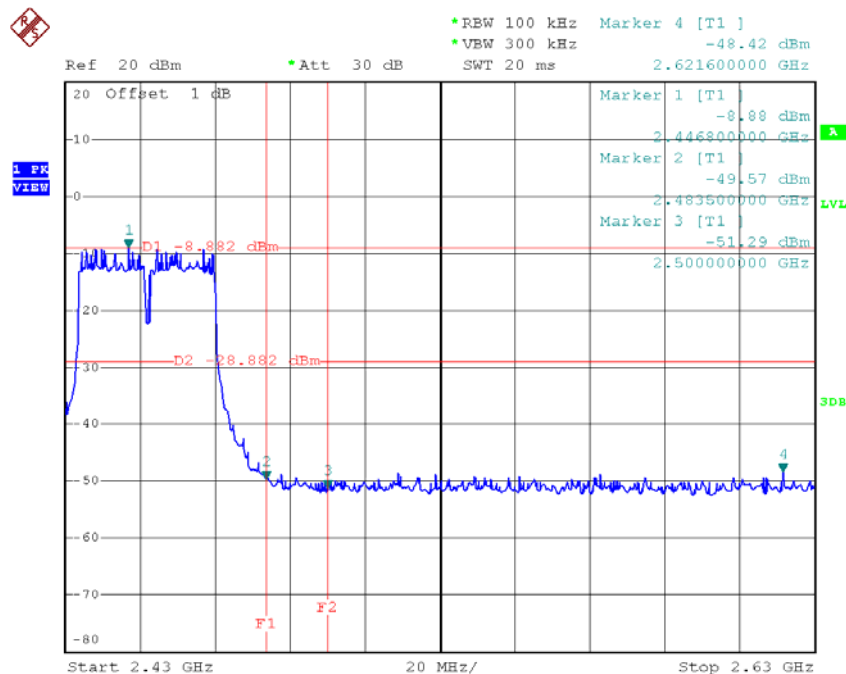
Test Mode :	TX N-40M Mode_ANT C
-------------	---------------------

TX HT40 mode CH03



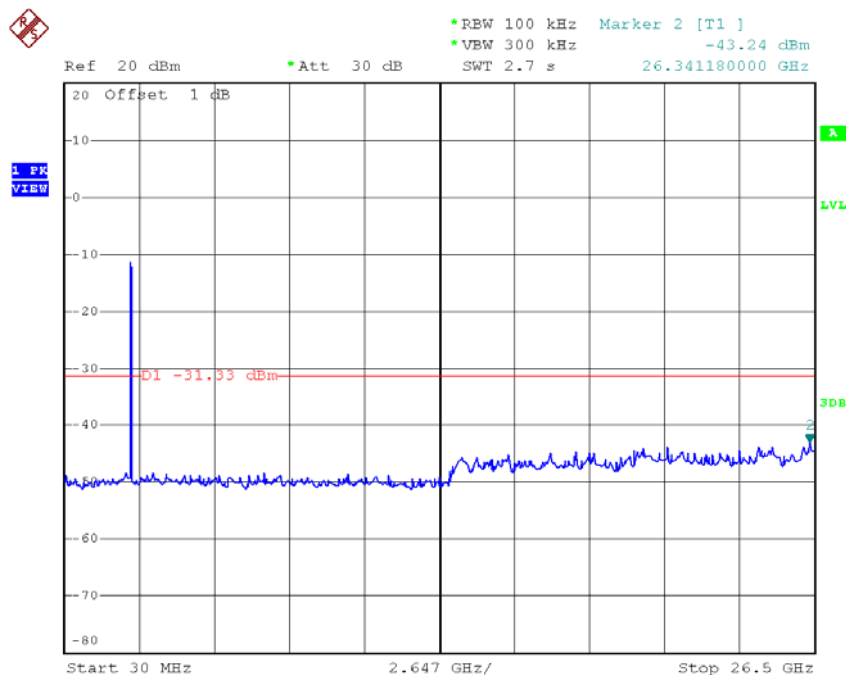
Date: 20.JUL.2015 14:46:10

TX HT40 mode CH09



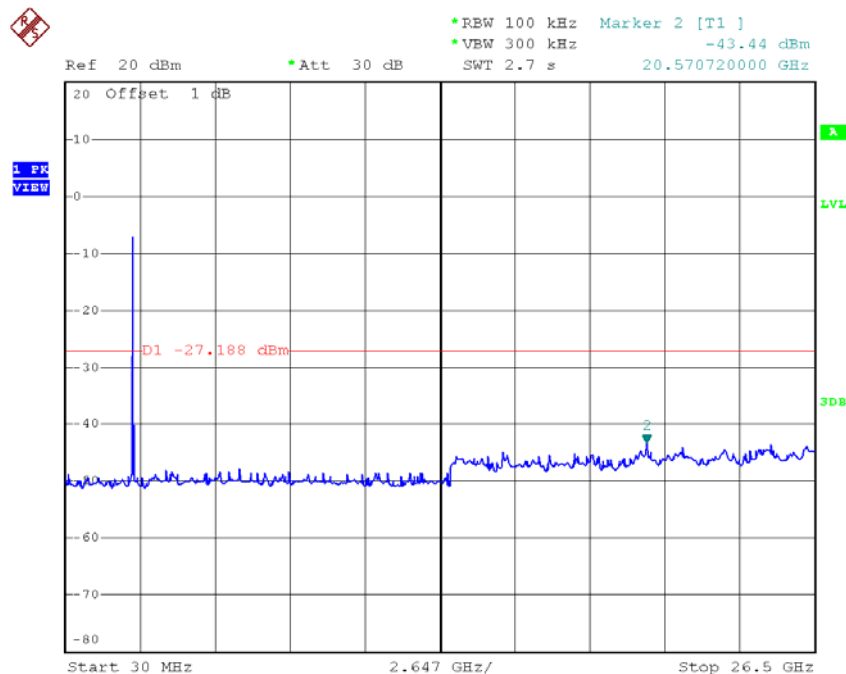
Date: 20.JUL.2015 14:48:14

TX HT40 mode CH03 (10 Harmonic of the frequency)



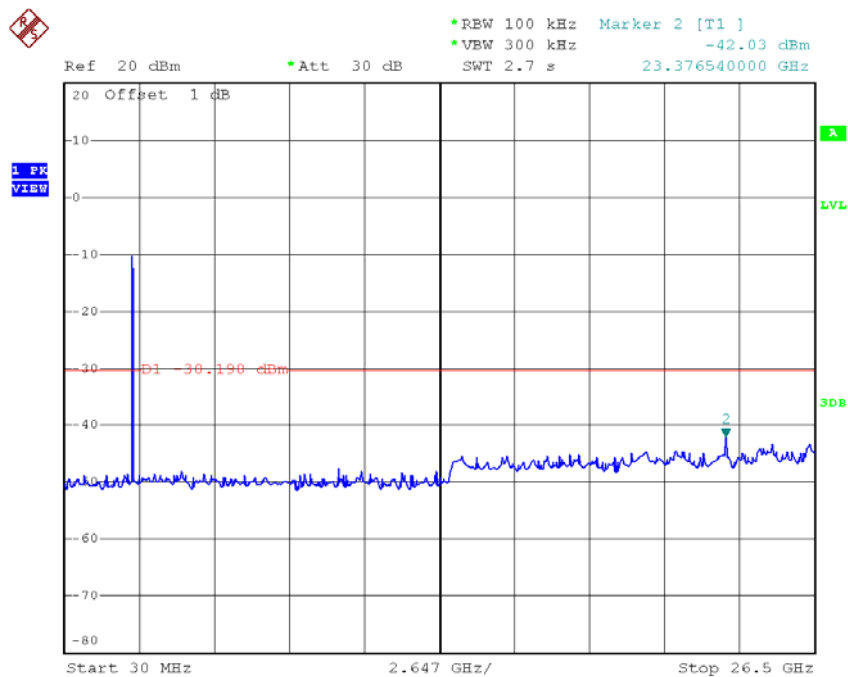
Date: 20.JUL.2015 14:46:02

TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:47:04

TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 20.JUL.2015 14:48:07

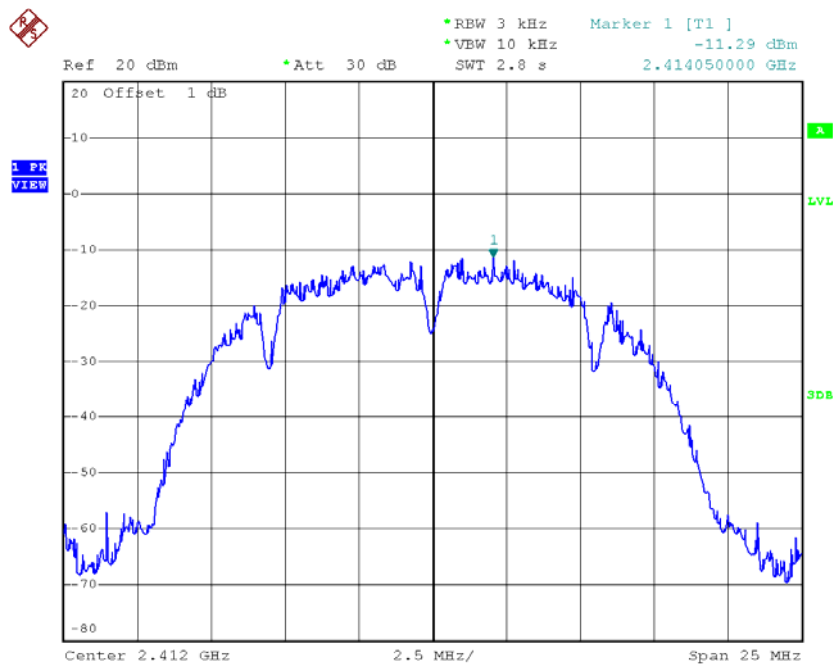
ATTACHMENT H - POWER SPECTRAL DENSITY

For 1TX

Test Mode :TX B Mode_CH01/06/11

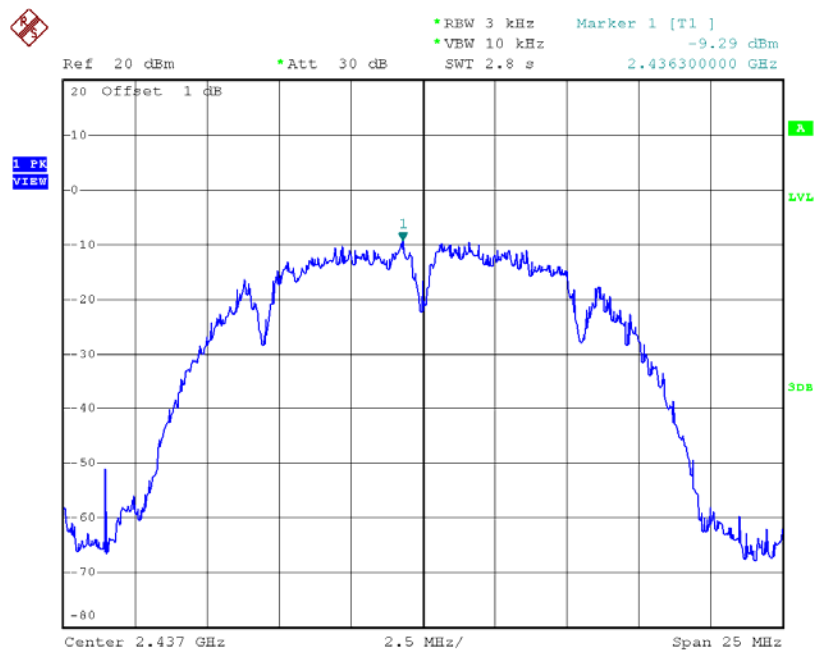
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.29	0.07	8.00	Complies
2437	-9.29	0.12	8.00	Complies
2462	-10.27	0.09	8.00	Complies

TX CH01



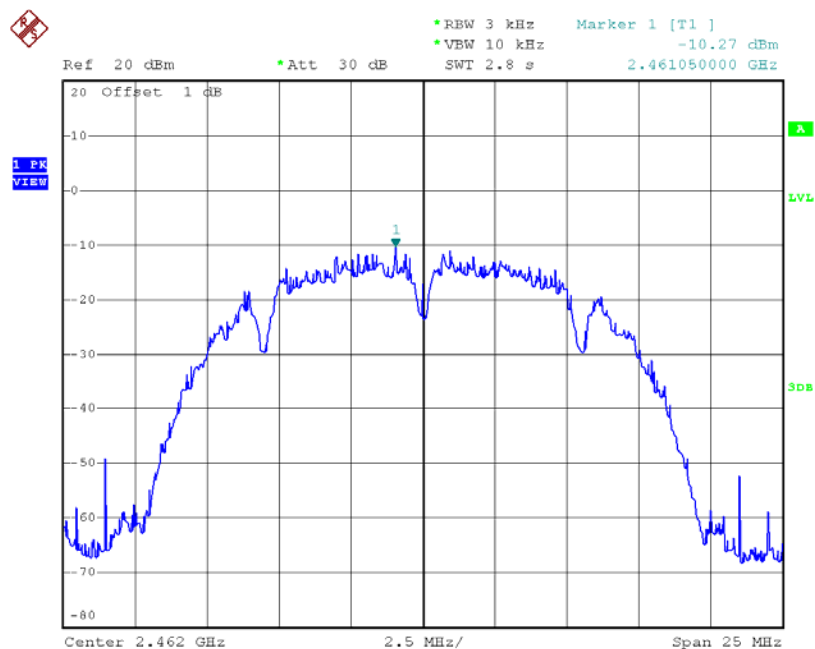
Date: 20.JUL.2015 10:12:01

TX CH06



Date: 20.JUL.2015 10:13:51

TX CH11

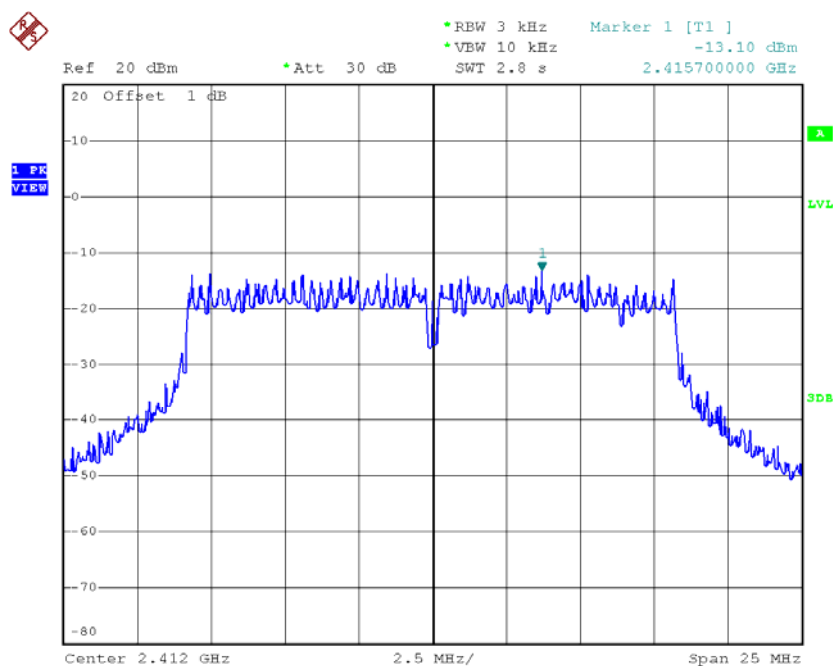


Date: 20.JUL.2015 10:15:19

Test Mode :TX G Mode_CH01/06/11

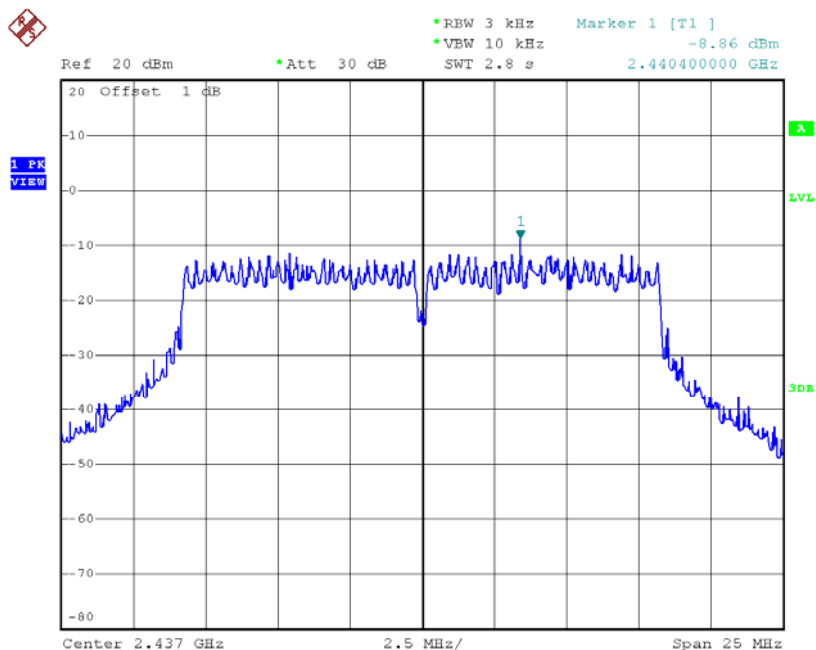
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.10	0.05	8.00	Complies
2437	-8.86	0.13	8.00	Complies
2462	-11.17	0.08	8.00	Complies

TX CH01



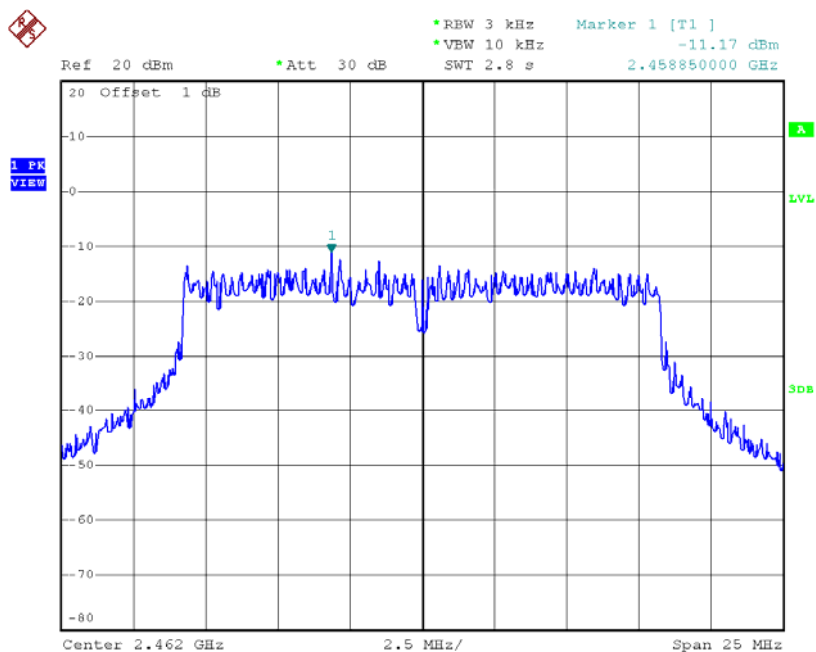
Date: 20.JUL.2015 10:16:36

TX CH06



Date: 20.JUL.2015 10:18:00

TX CH11

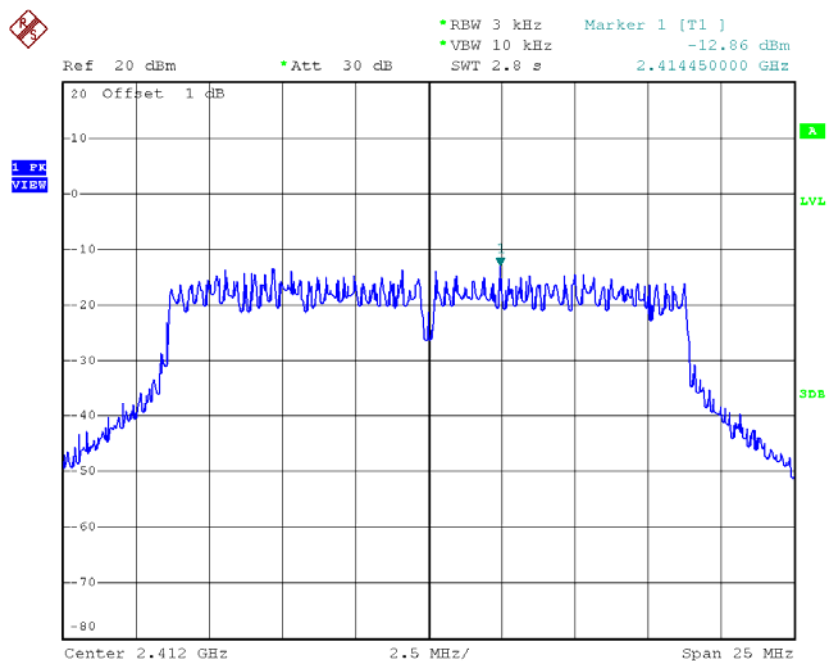


Date: 20.JUL.2015 10:19:27

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

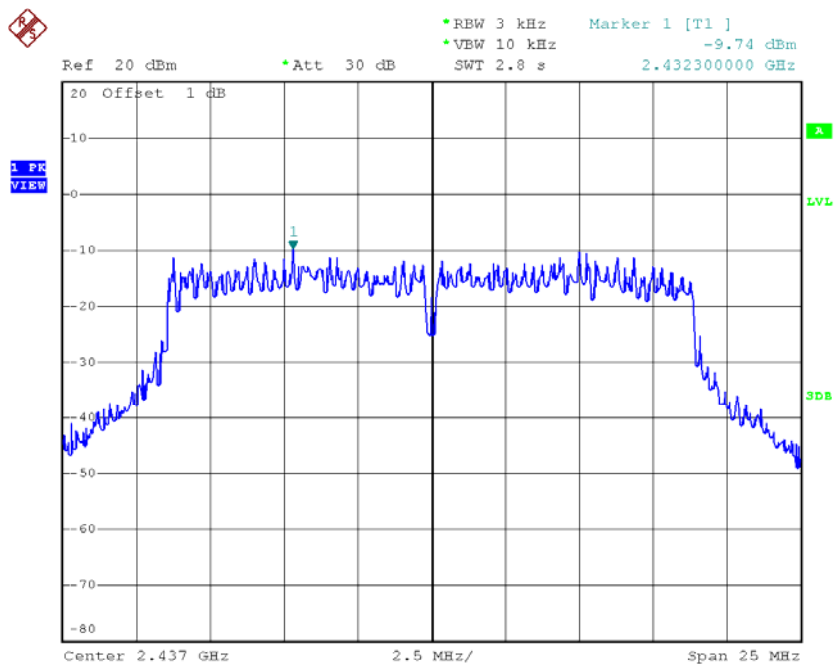
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.86	0.05	8.00	Complies
2437	-9.74	0.11	8.00	Complies
2462	-13.16	0.05	8.00	Complies

TX CH01



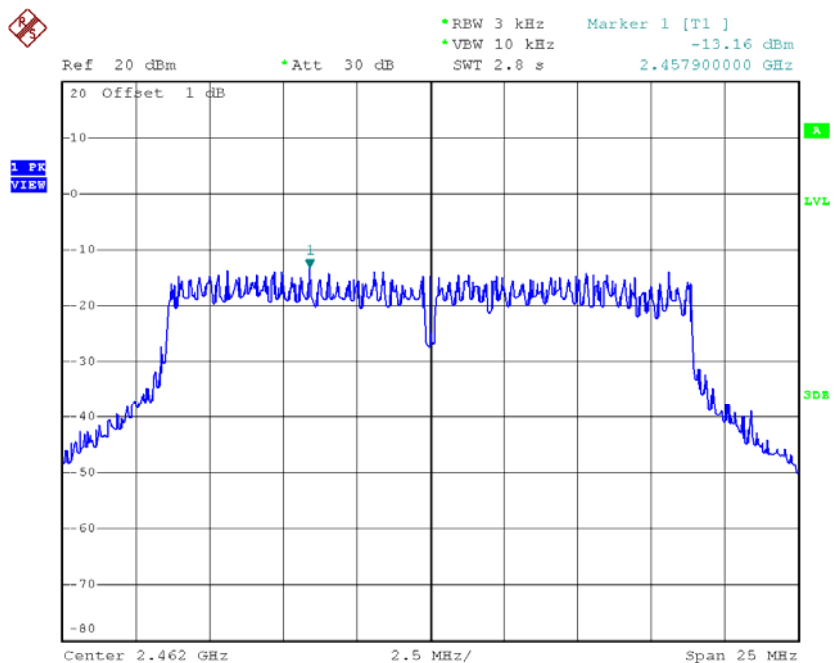
Date: 20.JUL.2015 10:23:44

TX CH06



Date: 20.JUL.2015 10:24:40

TX CH11

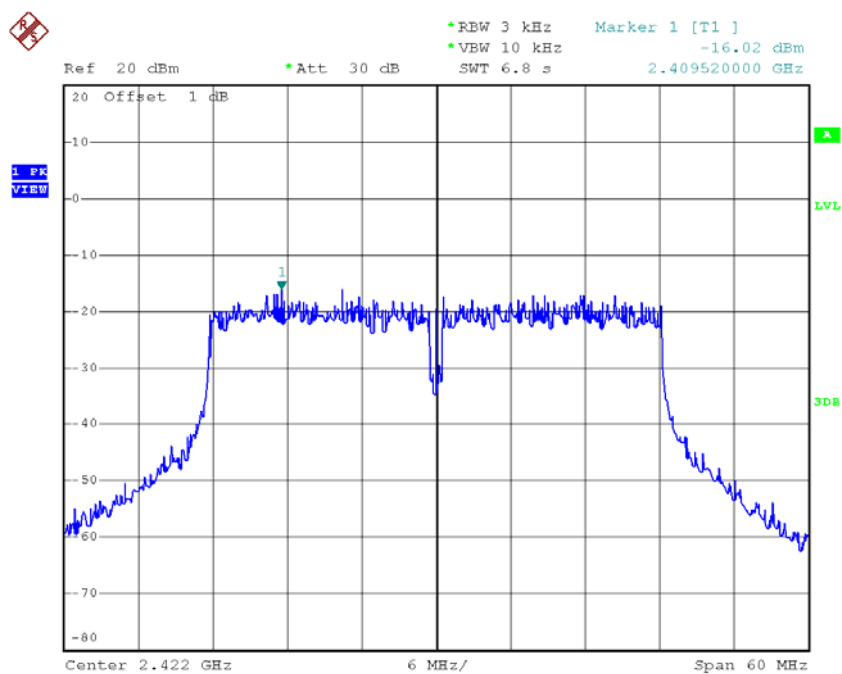


Date: 20.JUL.2015 10:25:55

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

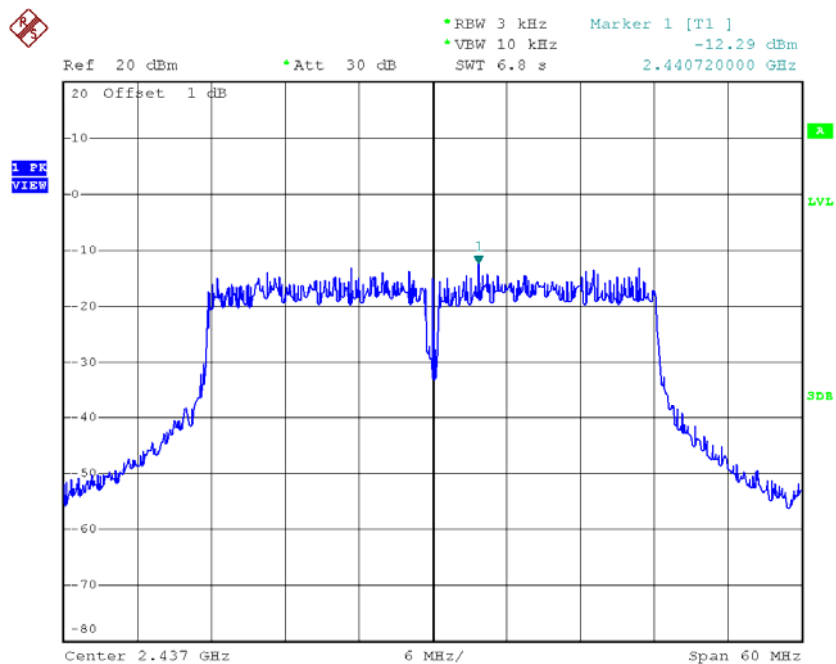
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-16.02	0.03	8.00	Complies
2437	-12.29	0.06	8.00	Complies
2452	-14.17	0.04	8.00	Complies

TX CH03



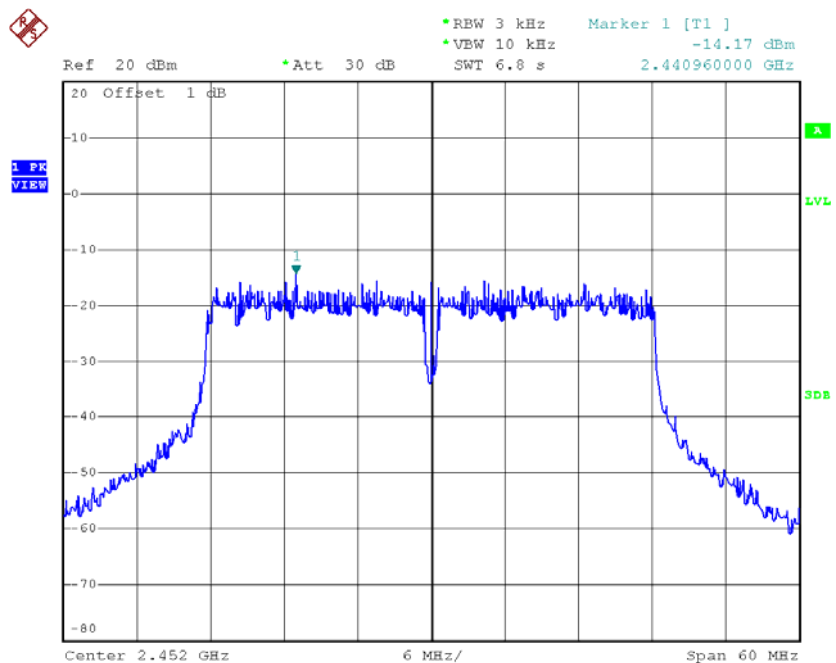
Date: 20.JUL.2015 10:27:53

TX CH06



Date: 20.JUL.2015 10:28:48

TX CH09



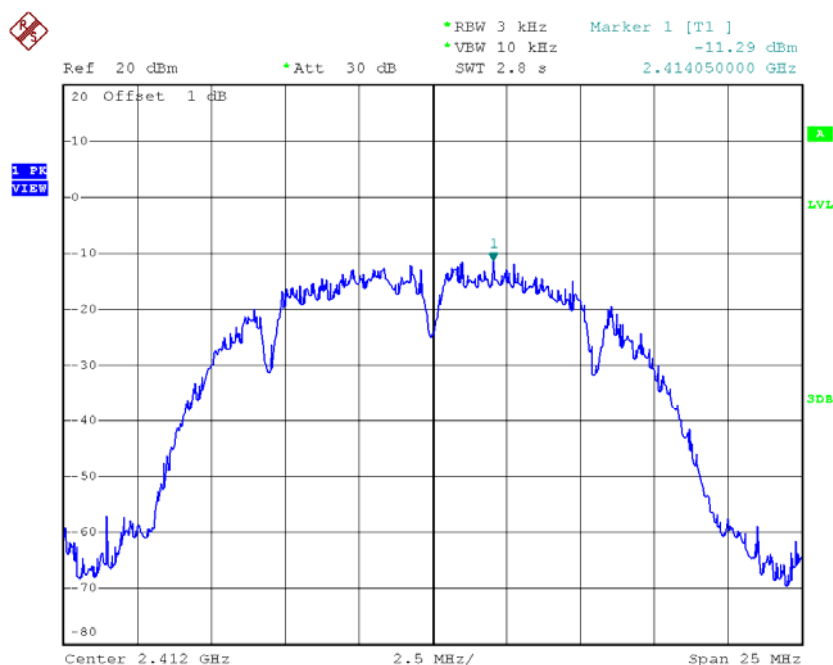
Date: 20.JUL.2015 10:29:58

For 2TX

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

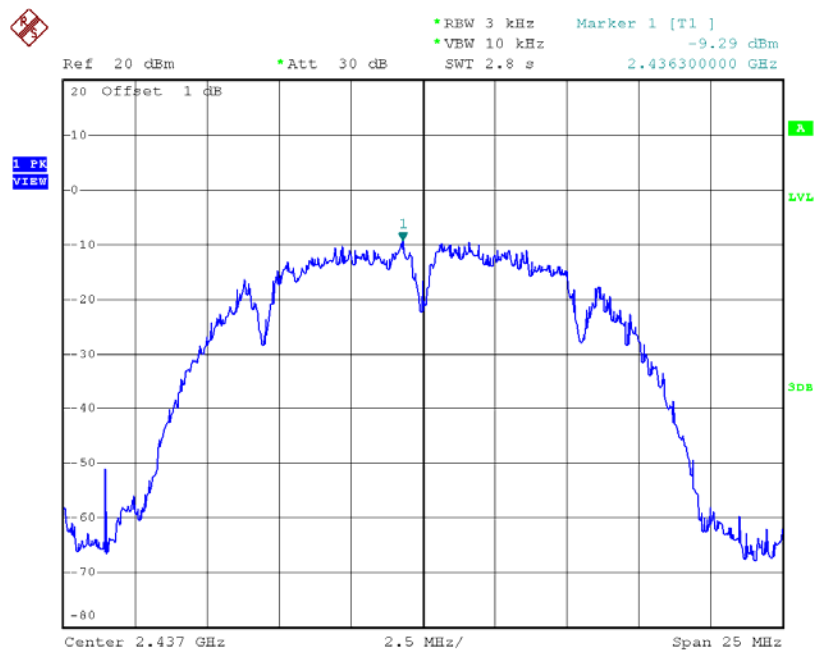
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.29	0.07	8.00	Complies
2437	-9.29	0.12	8.00	Complies
2462	-10.27	0.09	8.00	Complies

TX CH01



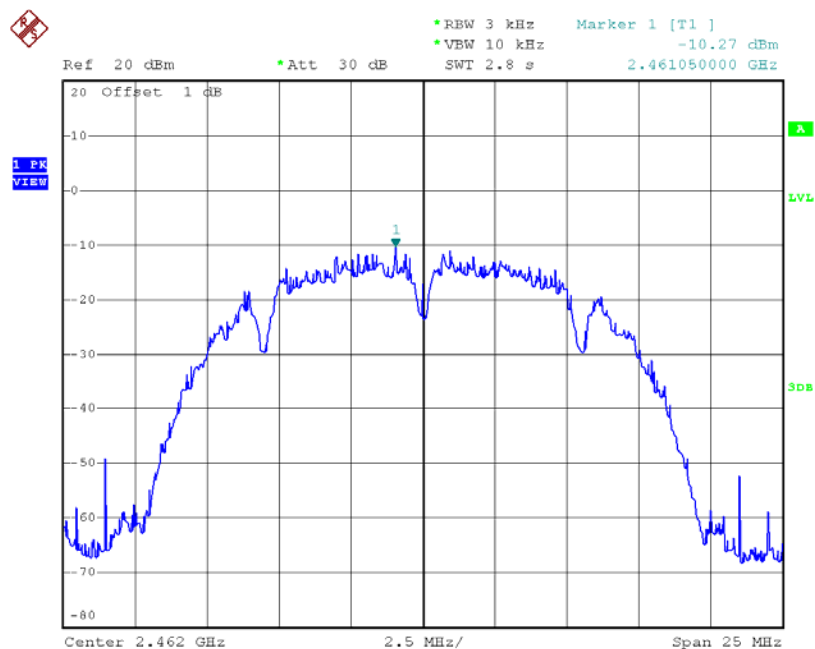
Date: 20.JUL.2015 10:12:01

TX CH06



Date: 20.JUL.2015 10:13:51

TX CH11

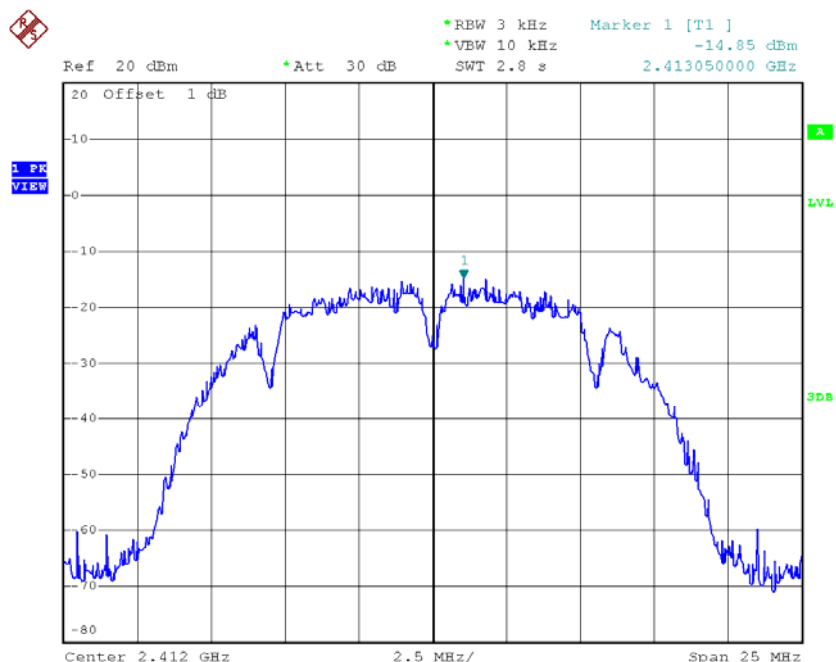


Date: 20.JUL.2015 10:15:19

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

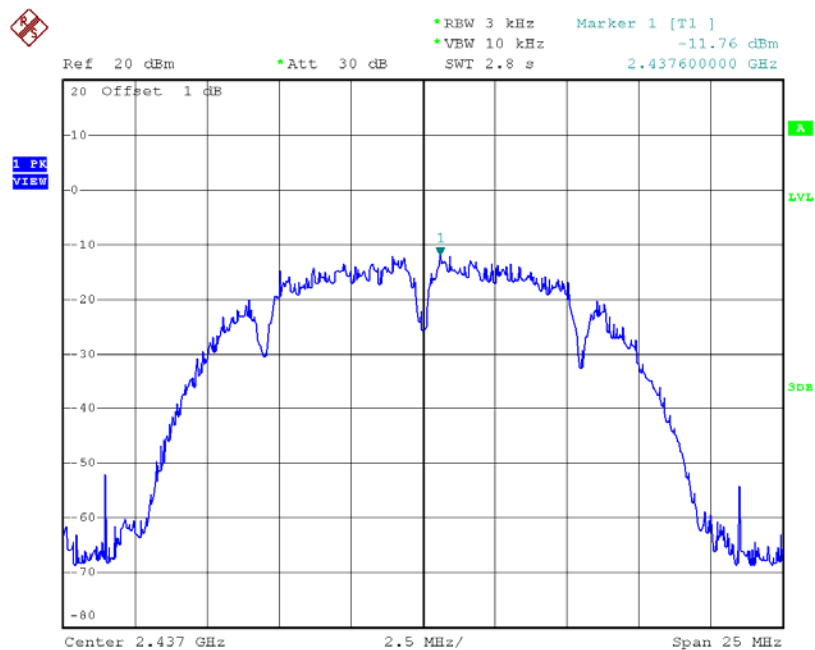
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.85	0.03	8.00	Complies
2437	-11.76	0.07	8.00	Complies
2462	-14.83	0.03	8.00	Complies

TX CH01



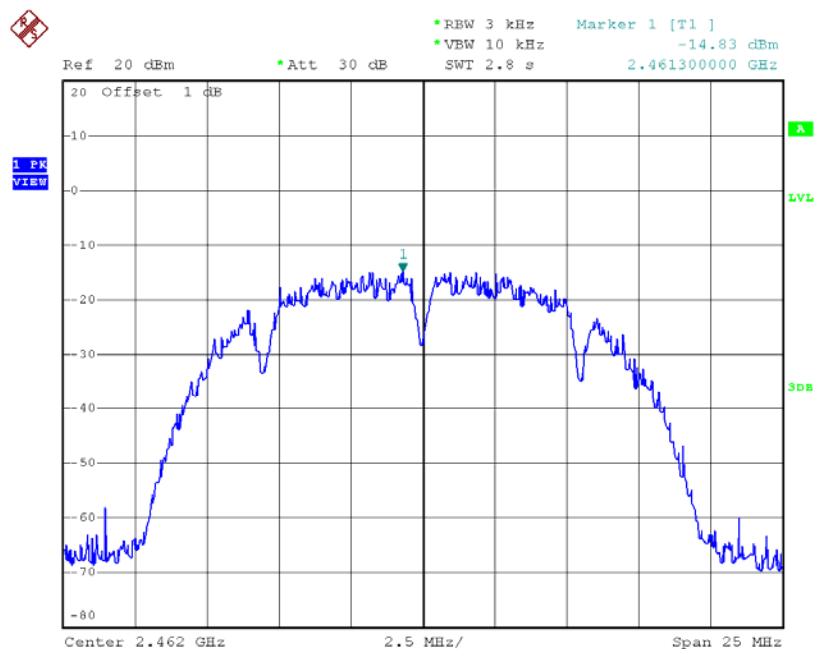
Date: 20.JUL.2015 10:56:36

TX CH06



Date: 20.JUL.2015 10:57:42

TX CH11



Date: 20.JUL.2015 10:59:12

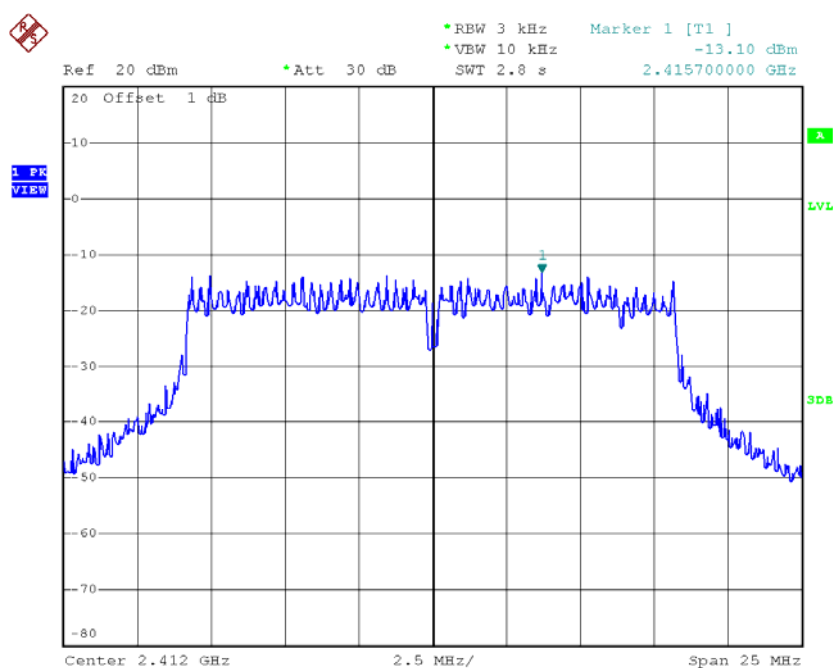
Test Mode :TX B Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-10.00	0.10	8.00	Complies
2437	-7.21	0.19	8.00	Complies
2462	-9.21	0.12	8.00	Complies

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

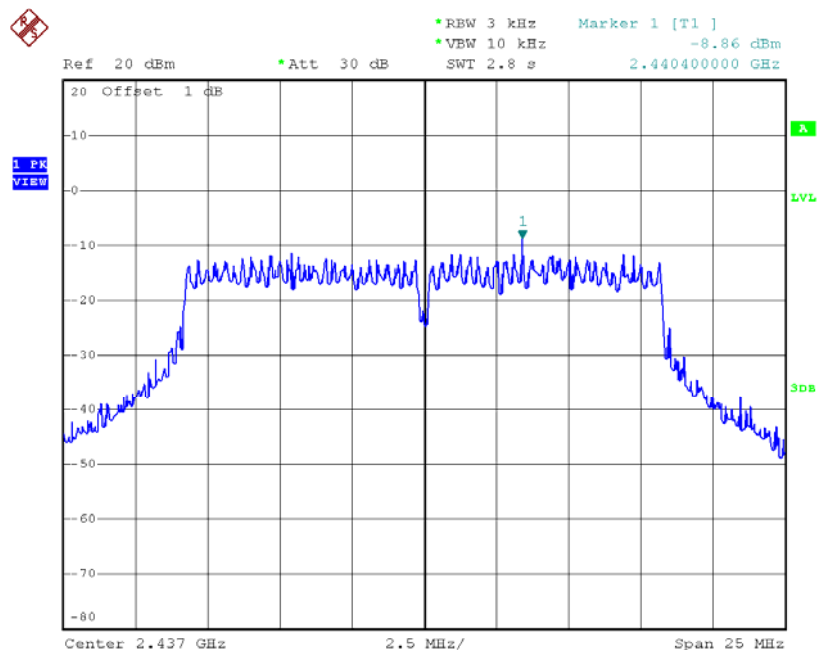
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.10	0.05	8.00	Complies
2437	-8.86	0.13	8.00	Complies
2462	-11.17	0.08	8.00	Complies

TX CH01



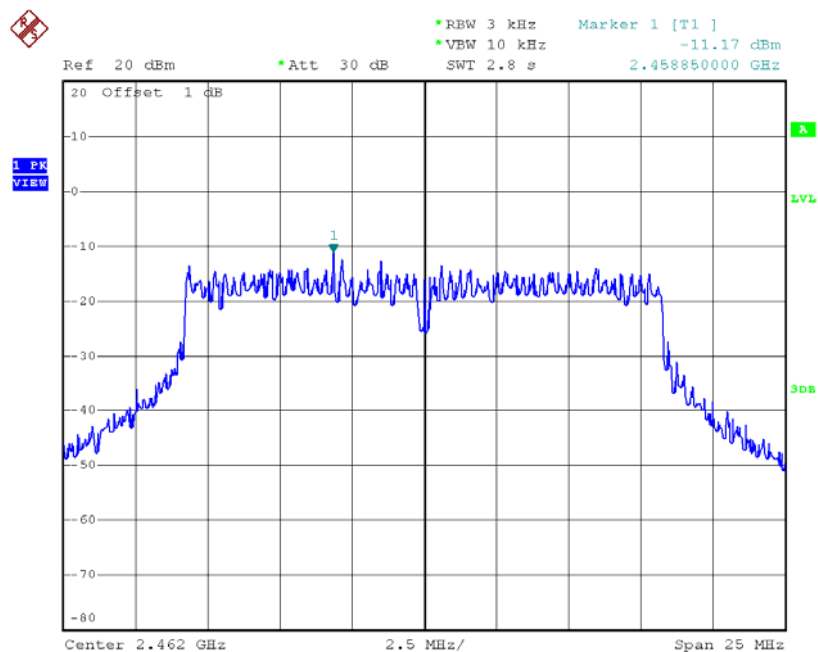
Date: 20.JUL.2015 10:16:36

TX CH06



Date: 20.JUL.2015 10:18:00

TX CH11

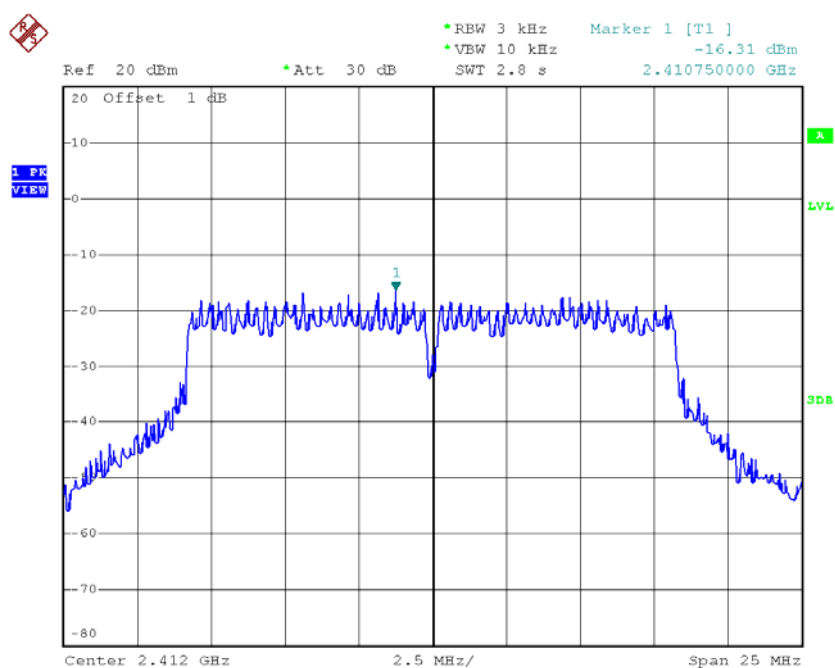


Date: 20.JUL.2015 10:19:27

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

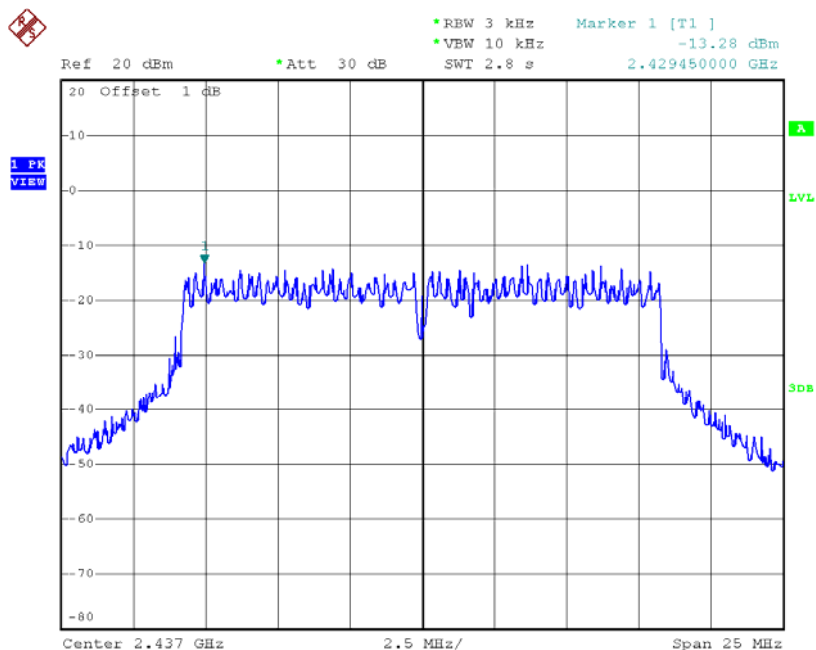
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.31	0.02	8.00	Complies
2437	-13.28	0.05	8.00	Complies
2462	-15.08	0.03	8.00	Complies

TX CH01



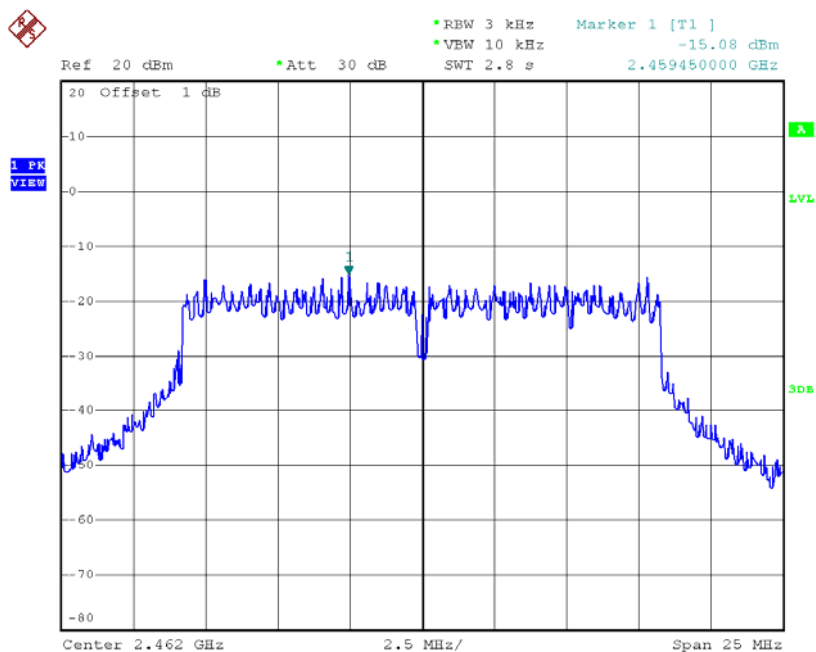
Date: 20.JUL.2015 11:00:30

TX CH06



Date: 20.JUL.2015 11:01:31

TX CH11



Date: 20.JUL.2015 11:02:34

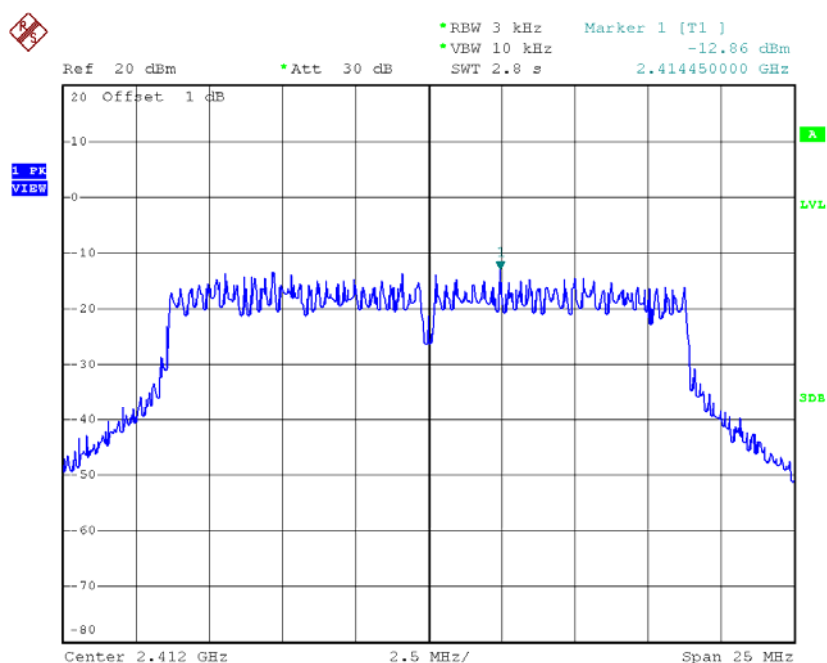
Test Mode :TX G Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.55	0.07	8.00	Complies
2437	-7.45	0.18	8.00	Complies
2462	-9.59	0.11	8.00	Complies

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

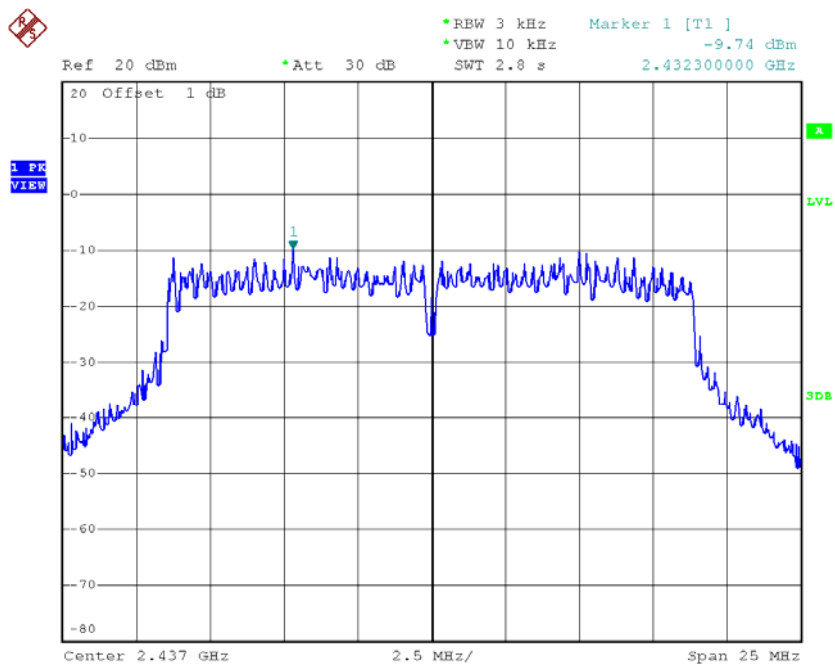
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.86	0.05	8.00	Complies
2437	-9.74	0.11	8.00	Complies
2462	-13.16	0.05	8.00	Complies

TX CH01



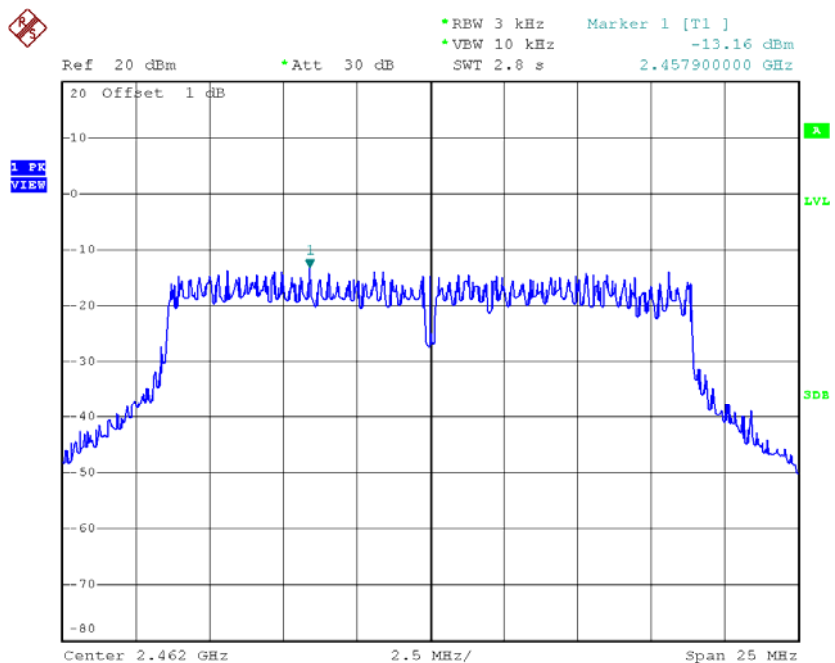
Date: 20.JUL.2015 10:23:44

TX CH06



Date: 20.JUL.2015 10:24:40

TX CH11

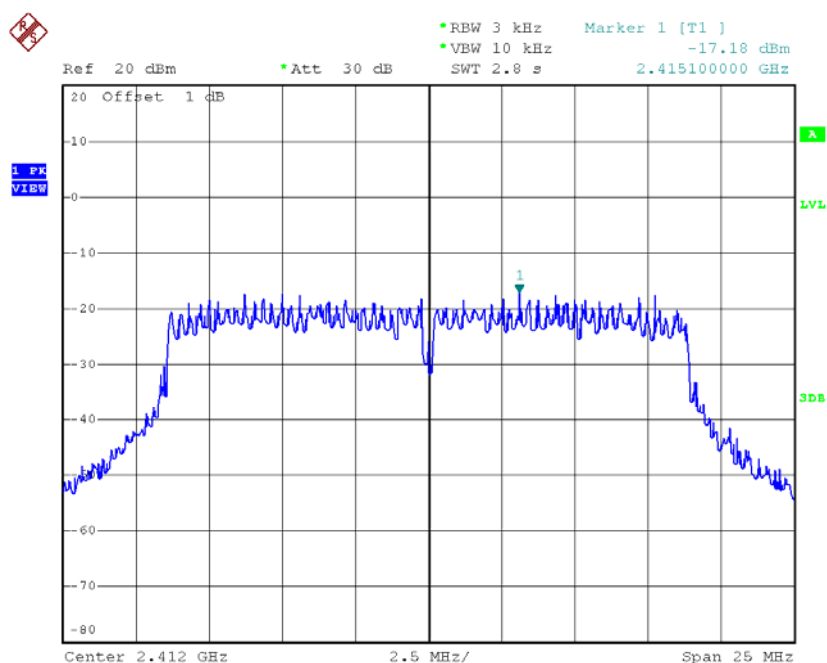


Date: 20.JUL.2015 10:25:55

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

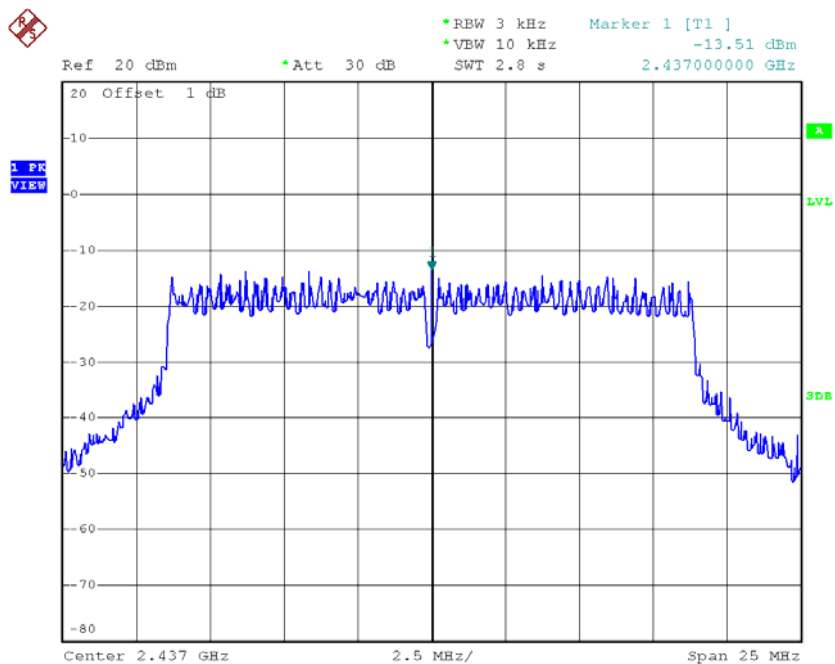
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-17.18	0.02	8.00	Complies
2437	-13.51	0.04	8.00	Complies
2462	-15.10	0.03	8.00	Complies

TX CH01



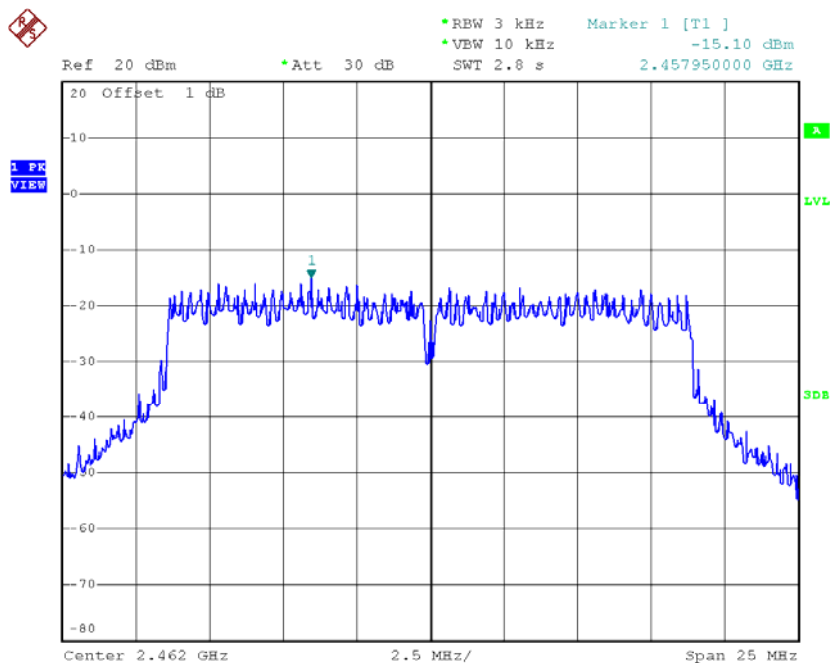
Date: 20.JUL.2015 11:04:21

TX CH06



Date: 20.JUL.2015 11:05:10

TX CH11



Date: 20.JUL.2015 11:06:13

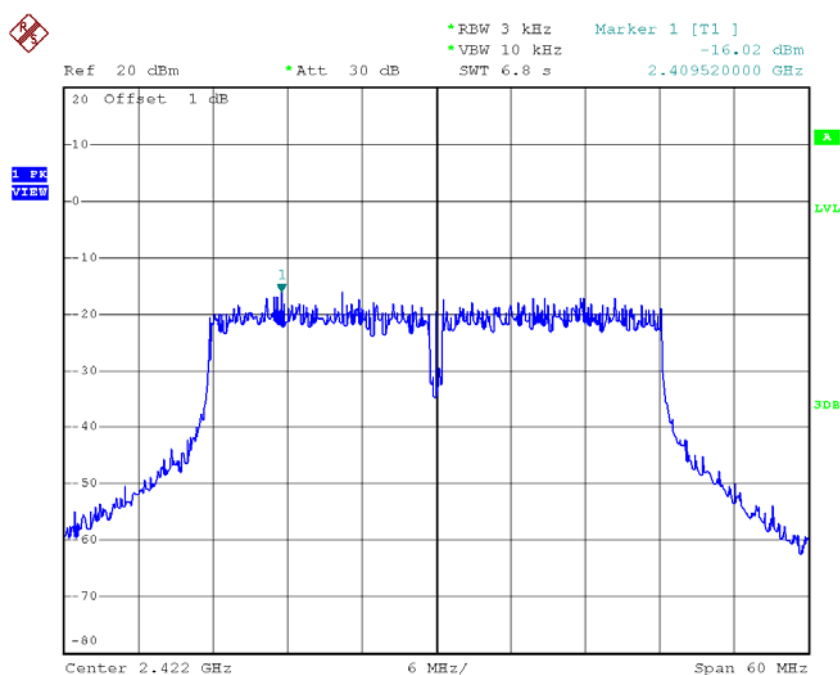
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.55	0.07	8.00	Complies
2437	-8.24	0.15	8.00	Complies
2462	-10.97	0.08	8.00	Complies

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

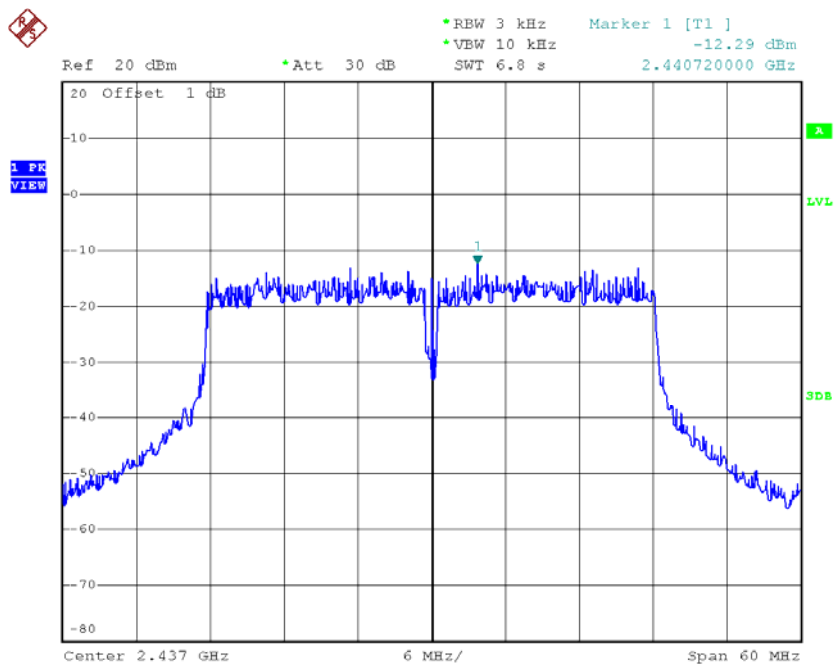
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-16.02	0.03	8.00	Complies
2437	-12.29	0.06	8.00	Complies
2452	-14.17	0.04	8.00	Complies

TX CH03



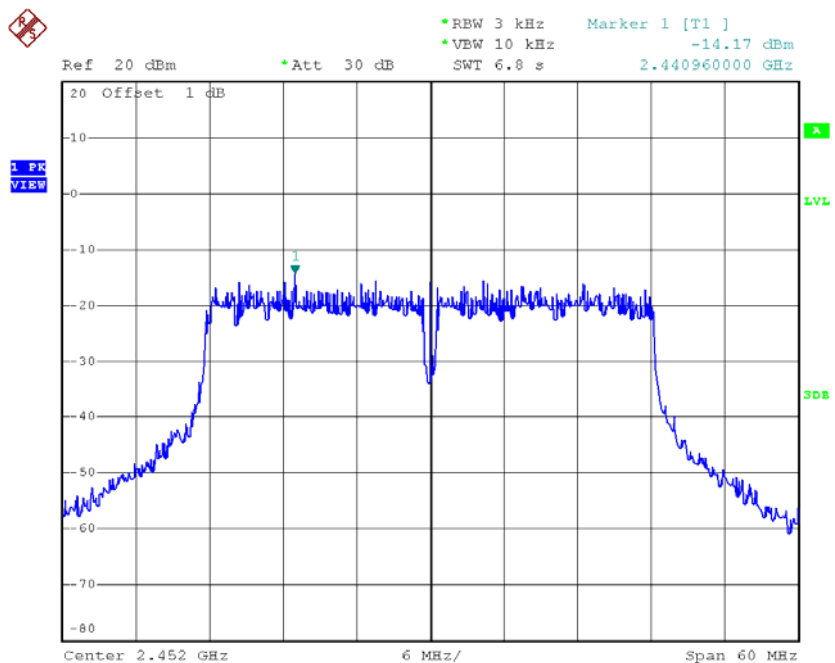
Date: 20.JUL.2015 10:27:53

TX CH06



Date: 20.JUL.2015 10:28:48

TX CH09

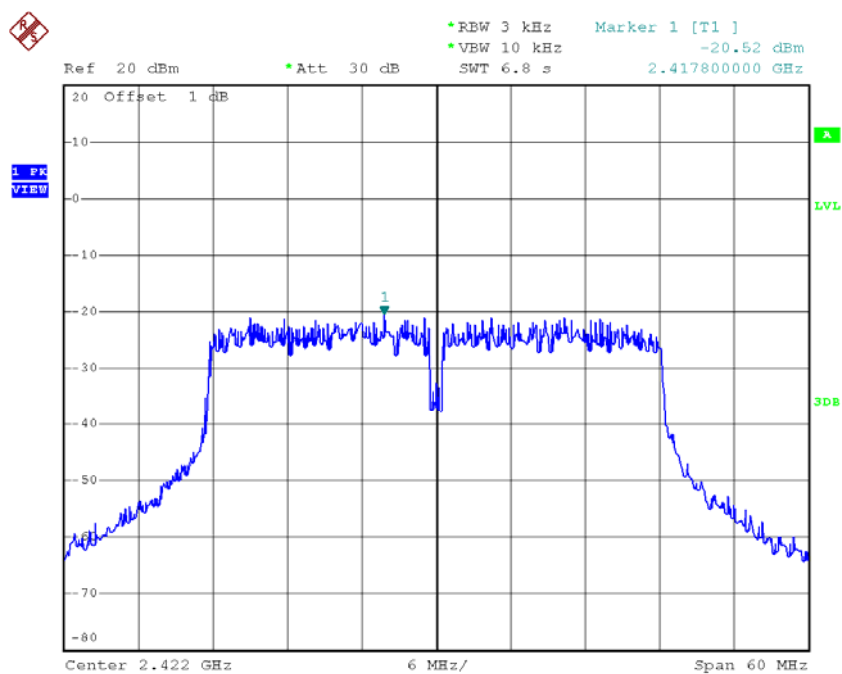


Date: 20.JUL.2015 10:29:58

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

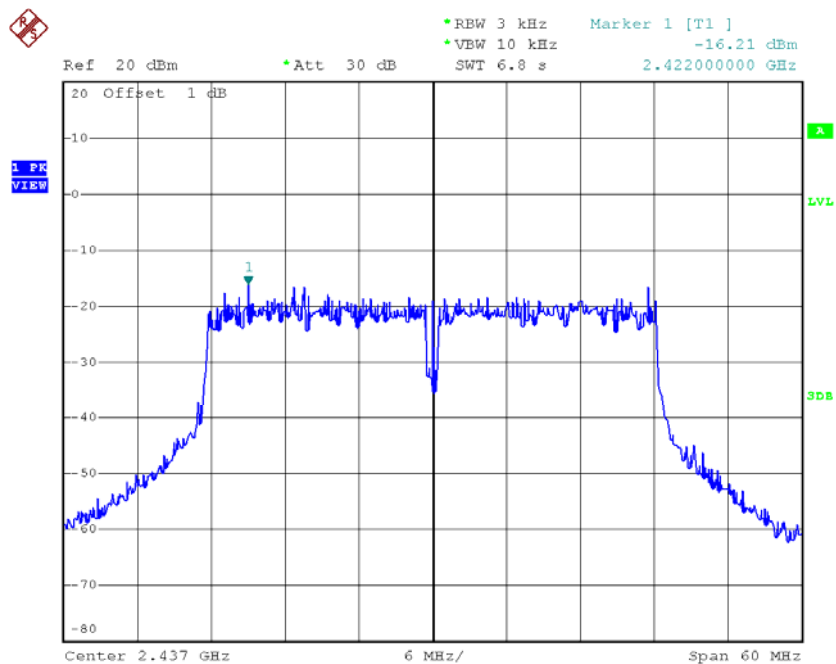
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-20.52	0.01	8.00	Complies
2437	-16.21	0.02	8.00	Complies
2452	-18.23	0.02	8.00	Complies

TX CH03



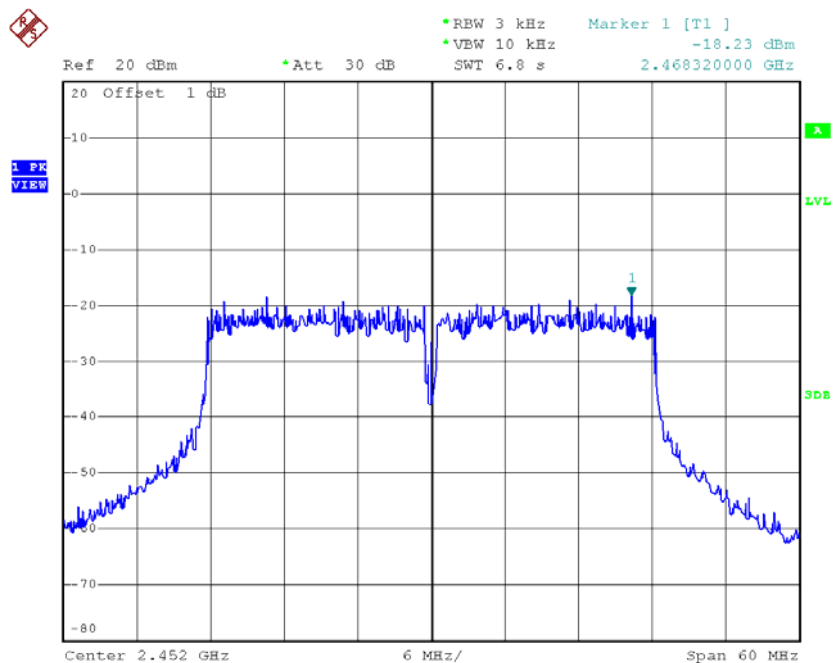
Date: 20.JUL.2015 11:07:21

TX CH06



Date: 20.JUL.2015 11:08:21

TX CH09



Date: 20.JUL.2015 11:09:50

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

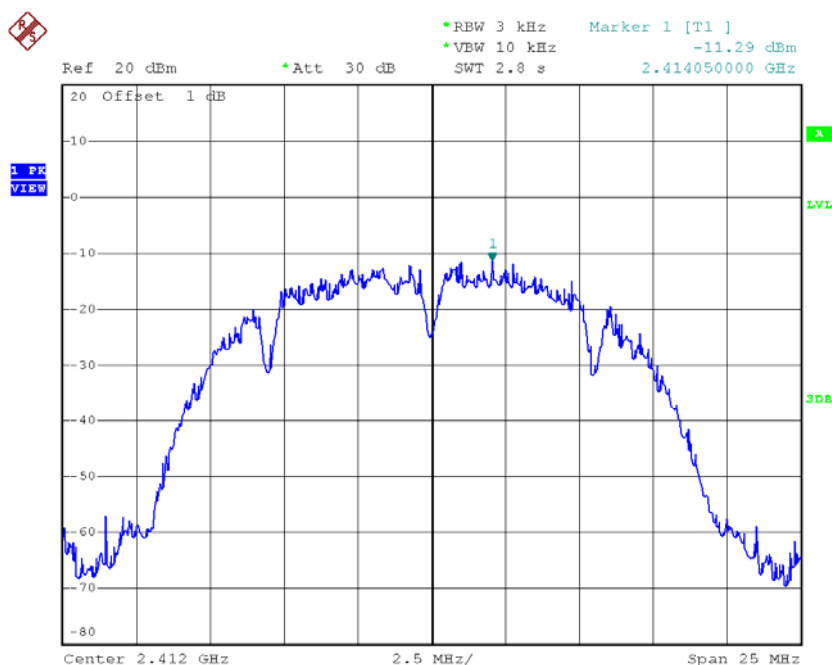
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-13.98	0.04	8.00	Complies
2437	-10.97	0.08	8.00	Complies
2452	-12.22	0.06	8.00	Complies

For 3TX

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

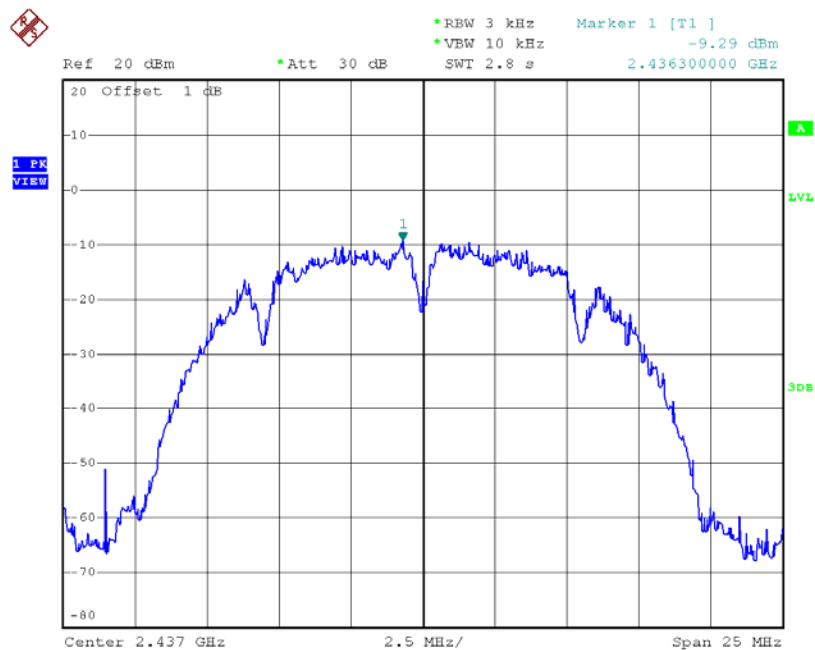
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.29	0.07	8.00	Complies
2437	-9.29	0.12	8.00	Complies
2462	-10.27	0.09	8.00	Complies

TX CH01



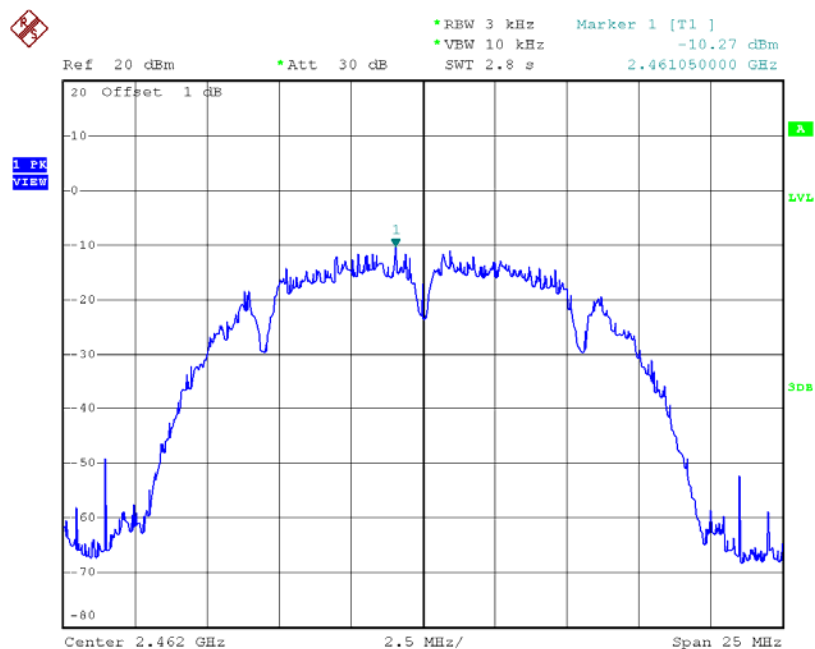
Date: 20.JUL.2015 10:12:01

TX CH06



Date: 20.JUL.2015 10:13:51

TX CH11

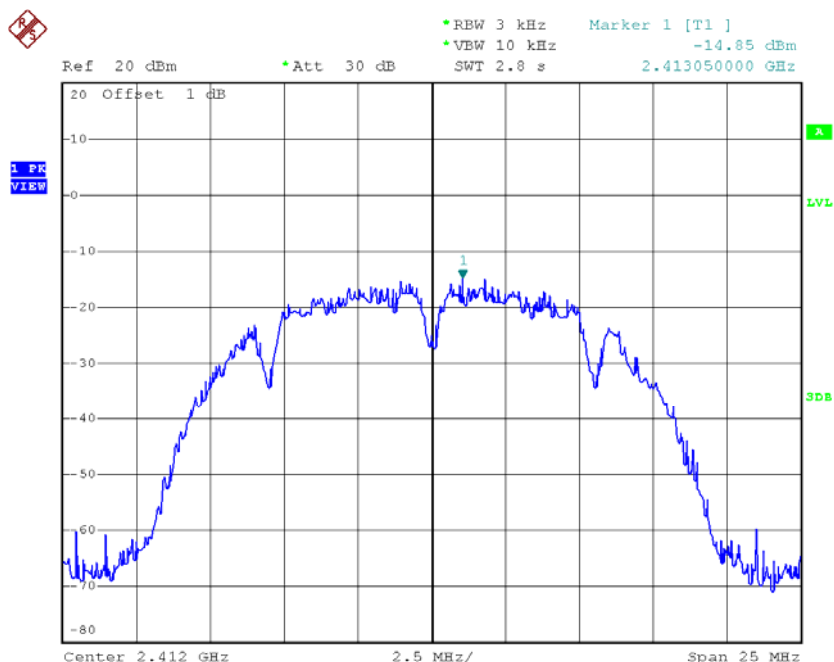


Date: 20.JUL.2015 10:15:19

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

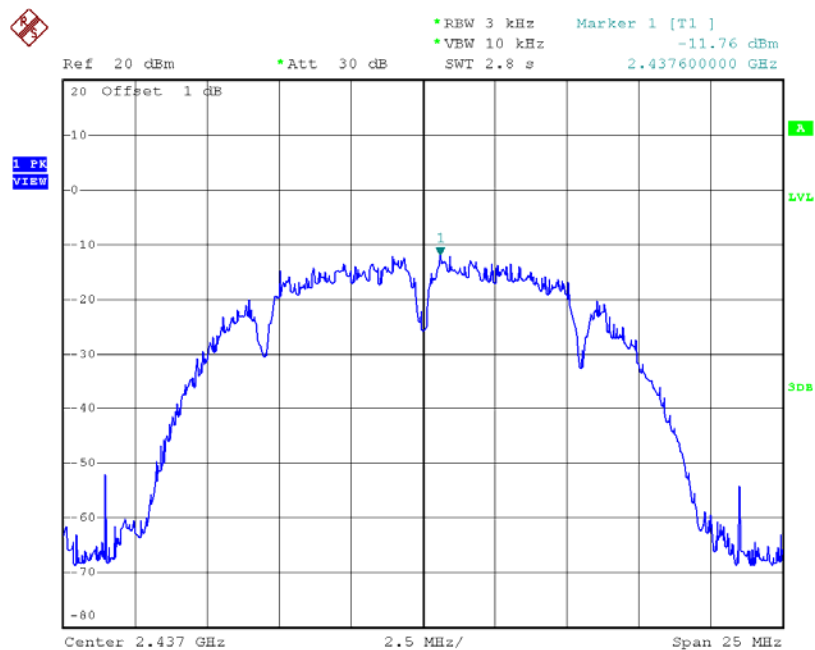
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.85	0.03	8.00	Complies
2437	-11.76	0.07	8.00	Complies
2462	-14.83	0.03	8.00	Complies

TX CH01



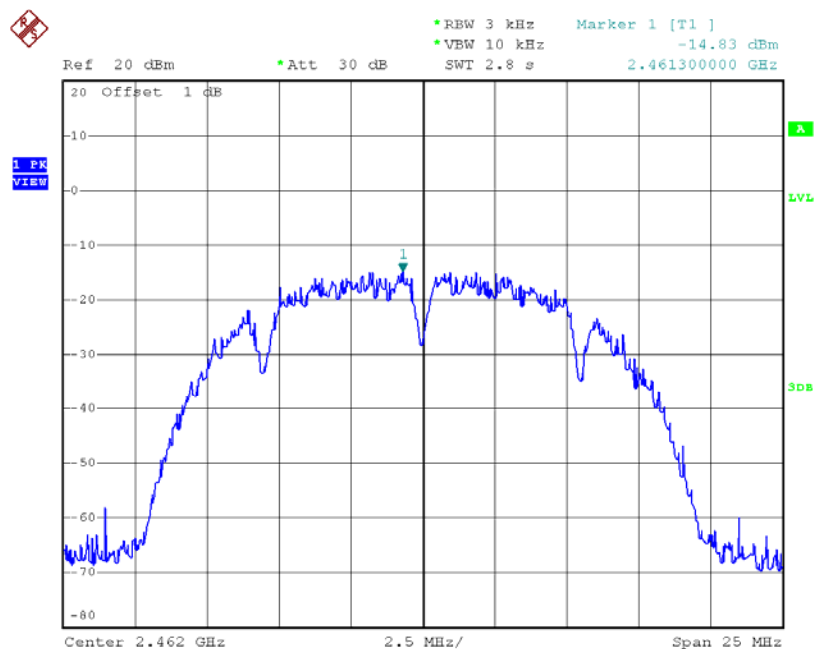
Date: 20.JUL.2015 10:56:36

TX CH06



Date: 20.JUL.2015 10:57:42

TX CH11

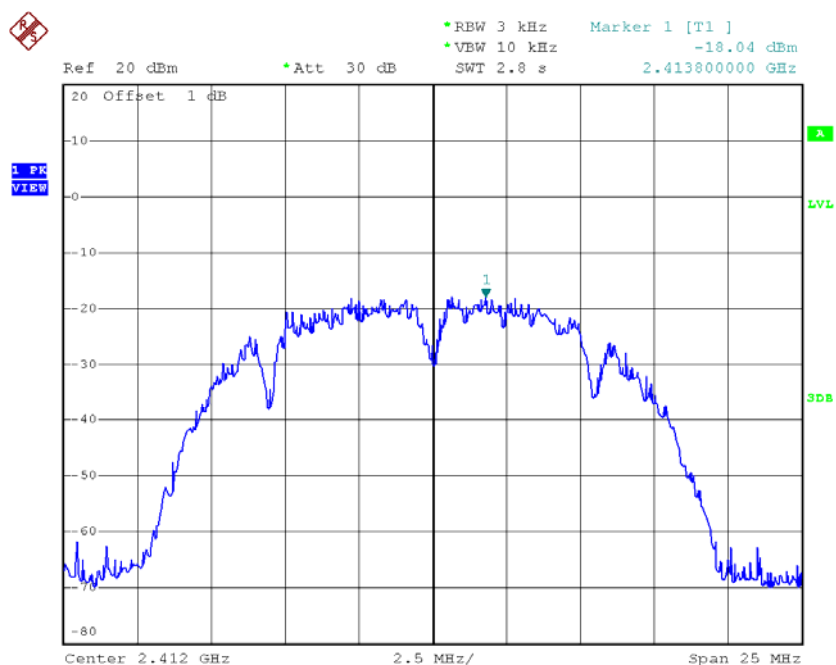


Date: 20.JUL.2015 10:59:12

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

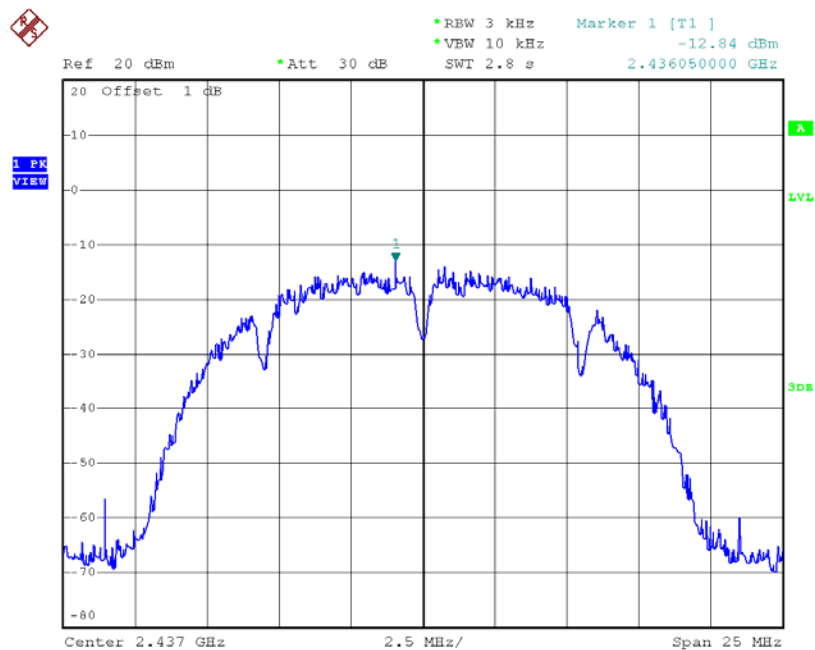
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-18.04	0.02	8.00	Complies
2437	-12.84	0.05	8.00	Complies
2462	-15.89	0.03	8.00	Complies

TX CH01



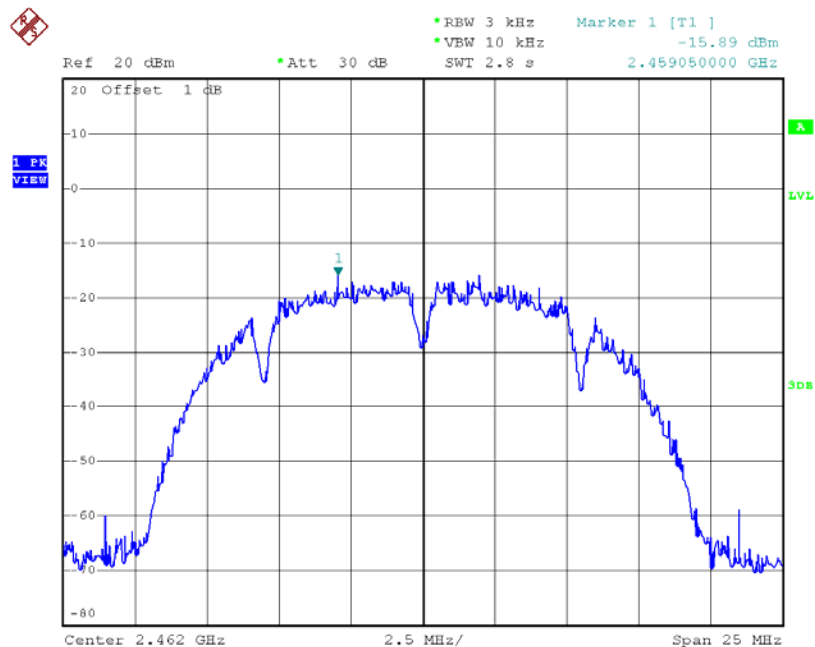
Date: 20.JUL.2015 11:48:19

TX CH06



Date: 20.JUL.2015 11:49:27

TX CH11



Date: 20.JUL.2015 11:50:47

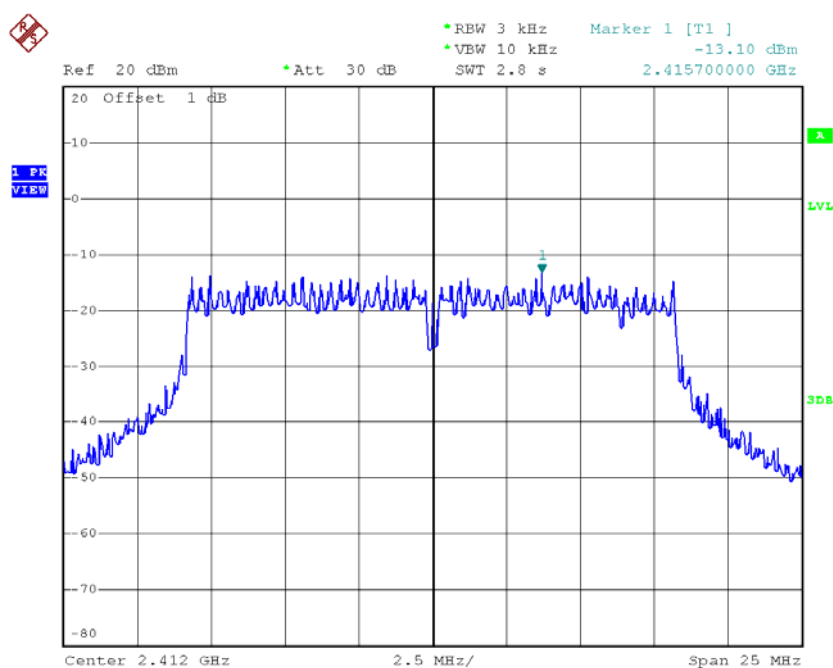
Test Mode :TX B Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-6.58	0.22	8.00	Complies
2437	-3.67	0.43	8.00	Complies
2462	-5.69	0.27	8.00	Complies

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

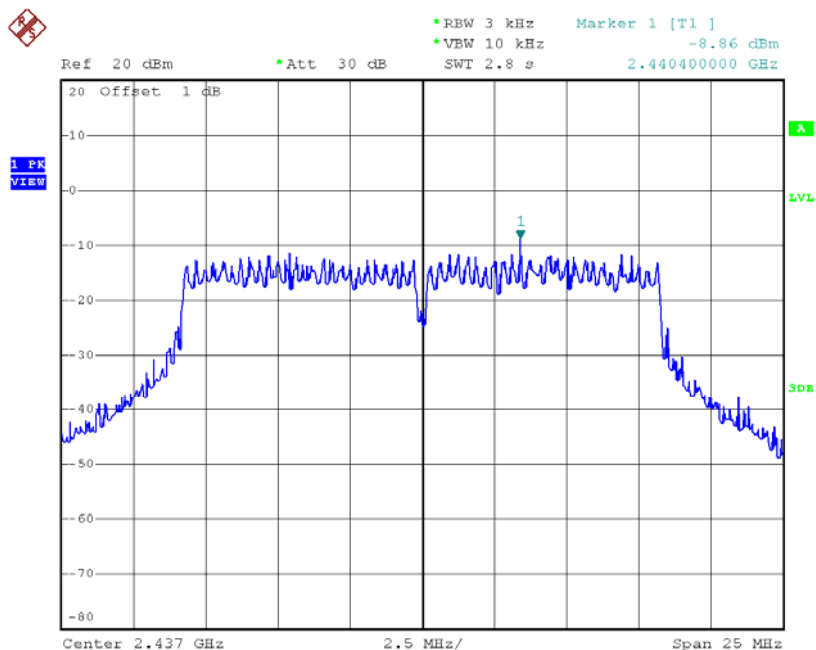
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.10	0.05	8.00	Complies
2437	-8.86	0.13	8.00	Complies
2462	-11.17	0.08	8.00	Complies

TX CH01



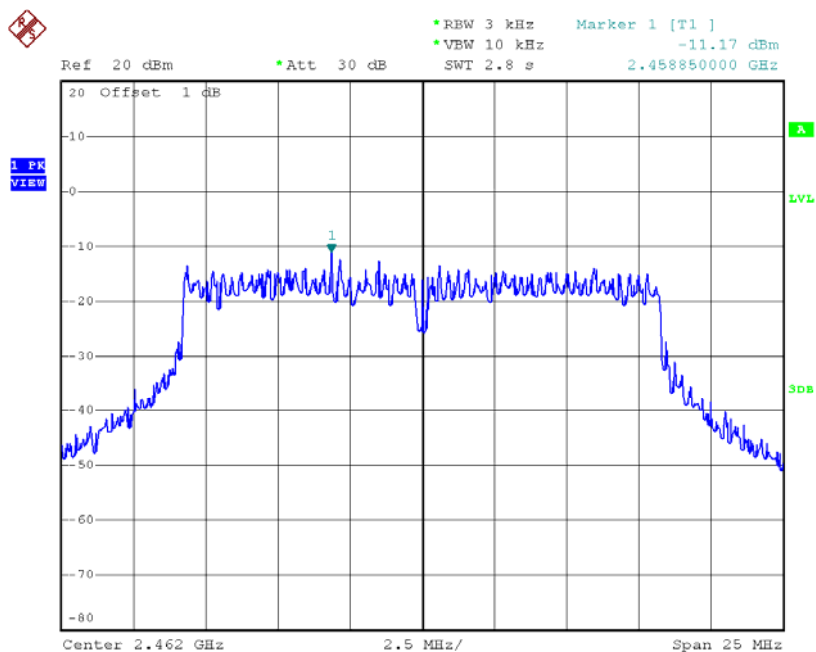
Date: 20.JUL.2015 10:16:36

TX CH06



Date: 20.JUL.2015 10:18:00

TX CH11

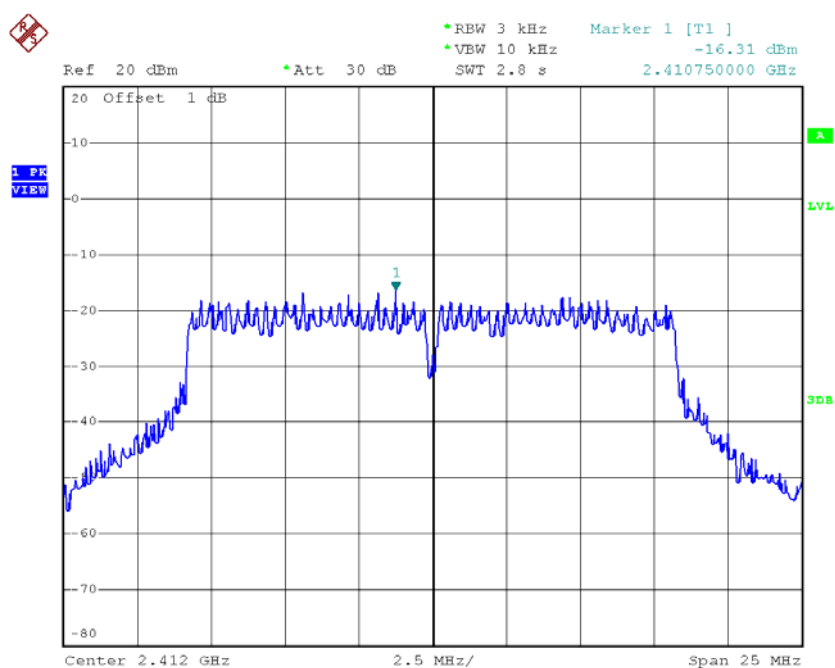


Date: 20.JUL.2015 10:19:27

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

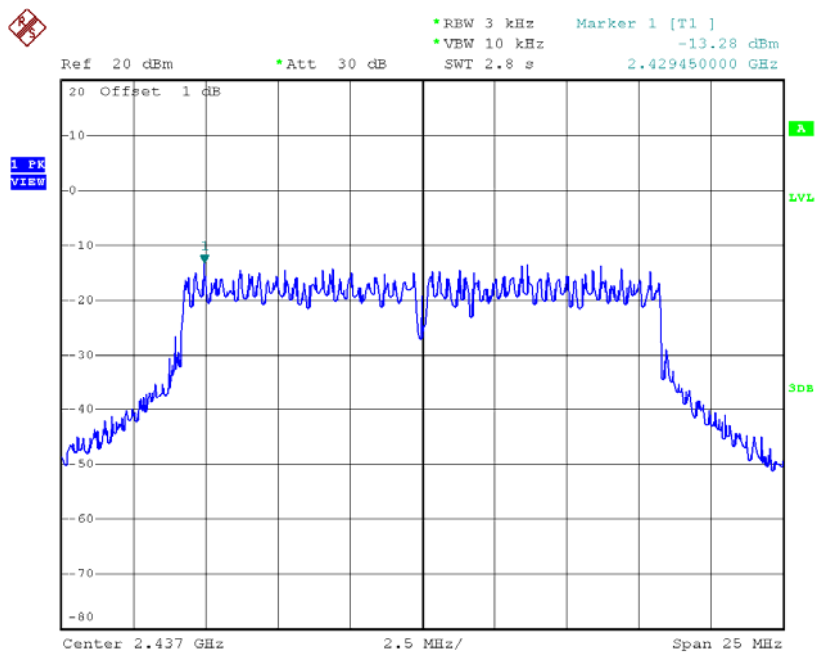
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.31	0.02	8.00	Complies
2437	-13.28	0.05	8.00	Complies
2462	-15.08	0.03	8.00	Complies

TX CH01



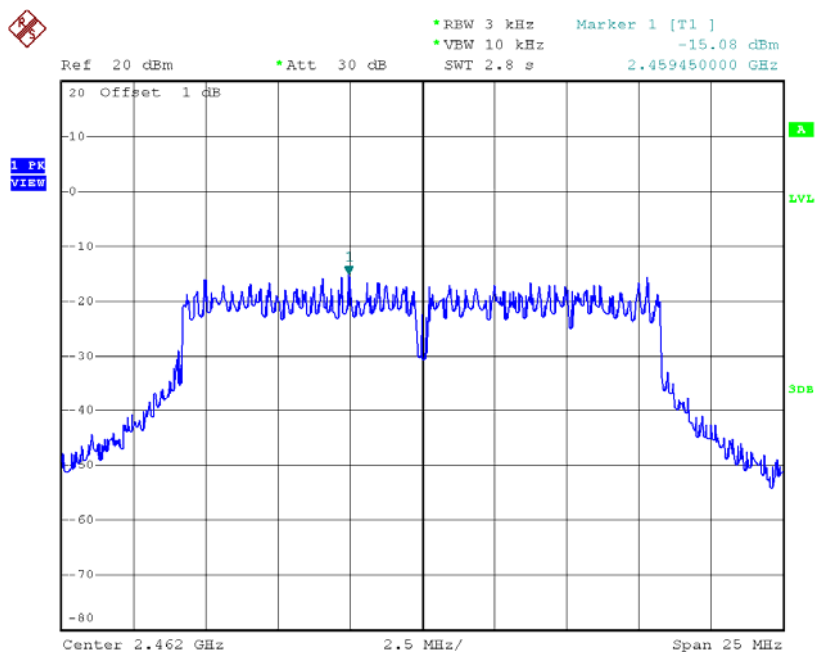
Date: 20.JUL.2015 11:00:30

TX CH06



Date: 20.JUL.2015 11:01:31

TX CH11

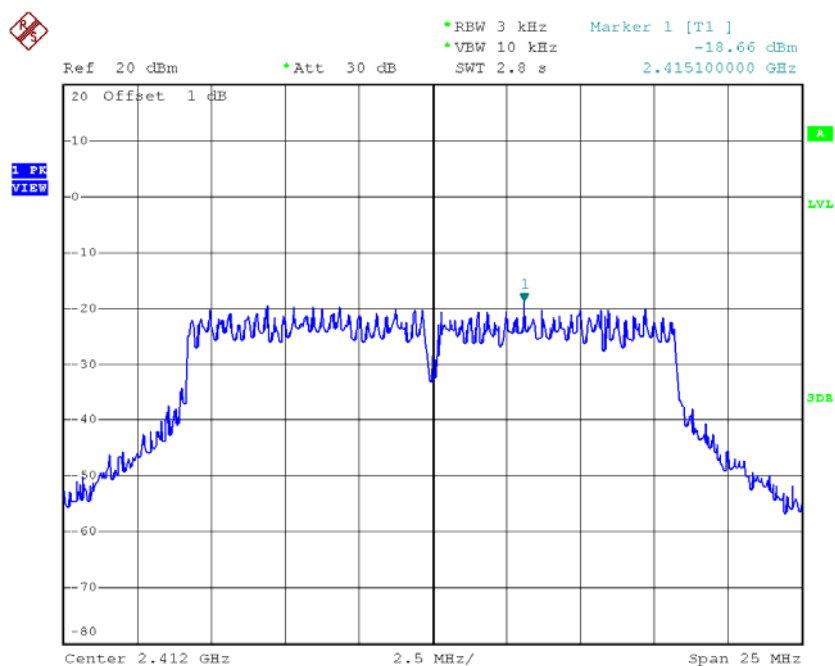


Date: 20.JUL.2015 11:02:34

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

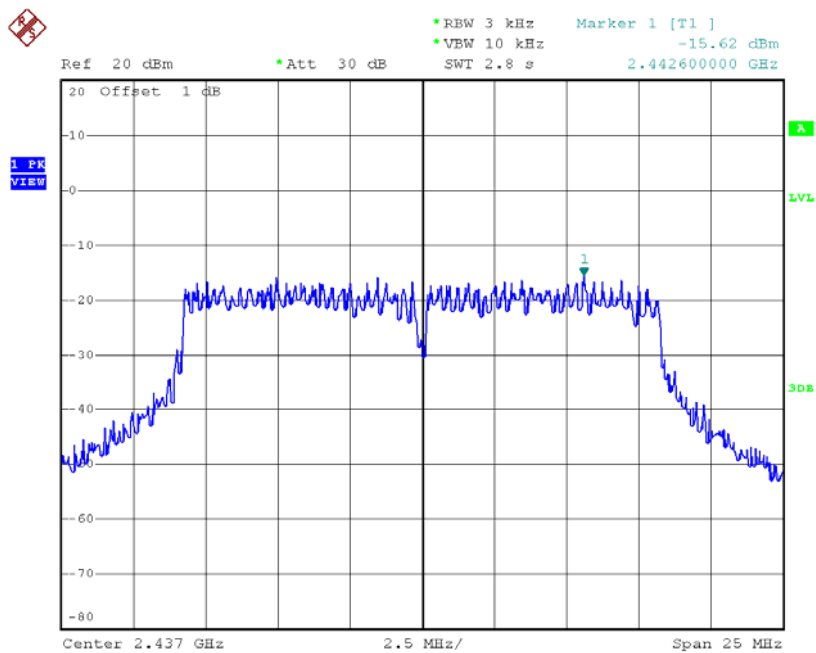
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-18.66	0.01	8.00	Complies
2437	-15.62	0.03	8.00	Complies
2462	-16.93	0.02	8.00	Complies

TX CH01



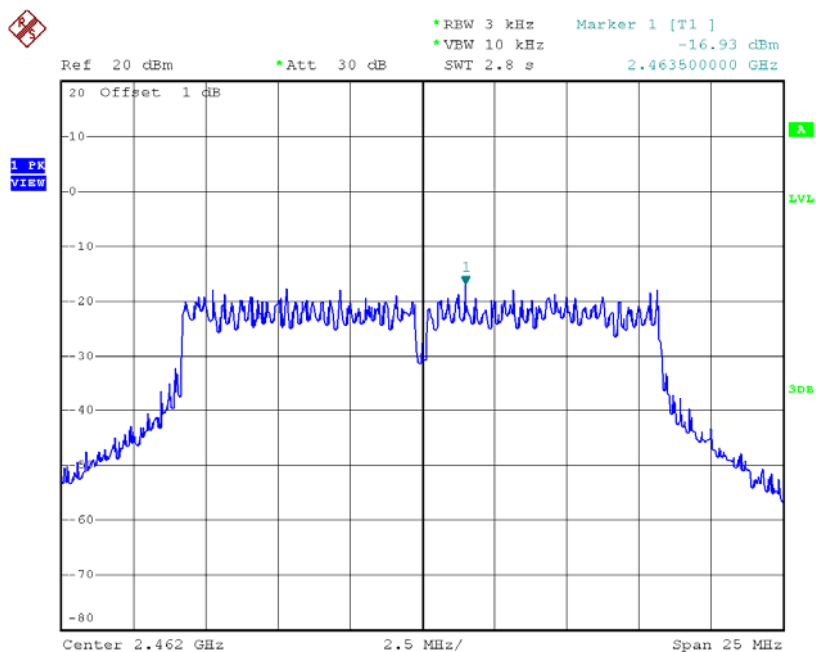
Date: 20.JUL.2015 11:51:52

TX CH06



Date: 20.JUL.2015 11:52:42

TX CH11



Date: 20.JUL.2015 11:53:45

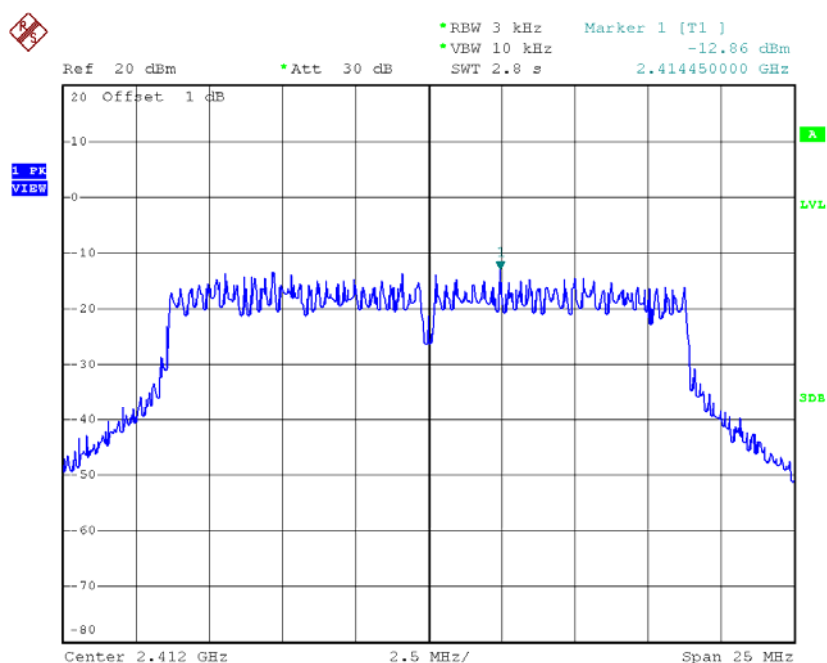
Test Mode :TX G Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-8.24	0.15	8.00	Complies
2437	-4.09	0.39	8.00	Complies
2462	-6.20	0.24	8.00	Complies

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

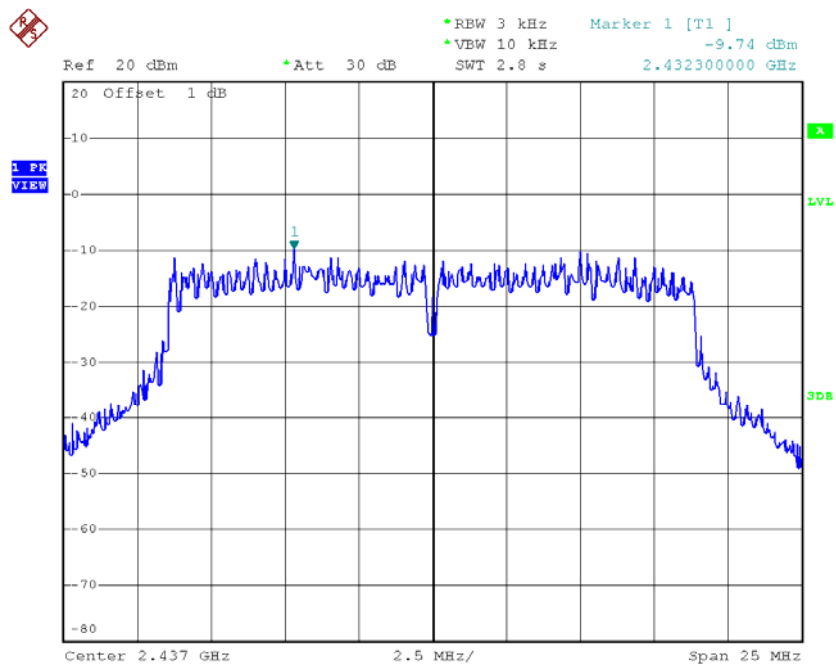
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.86	0.05	8.00	Complies
2437	-9.74	0.11	8.00	Complies
2462	-13.16	0.05	8.00	Complies

TX CH01



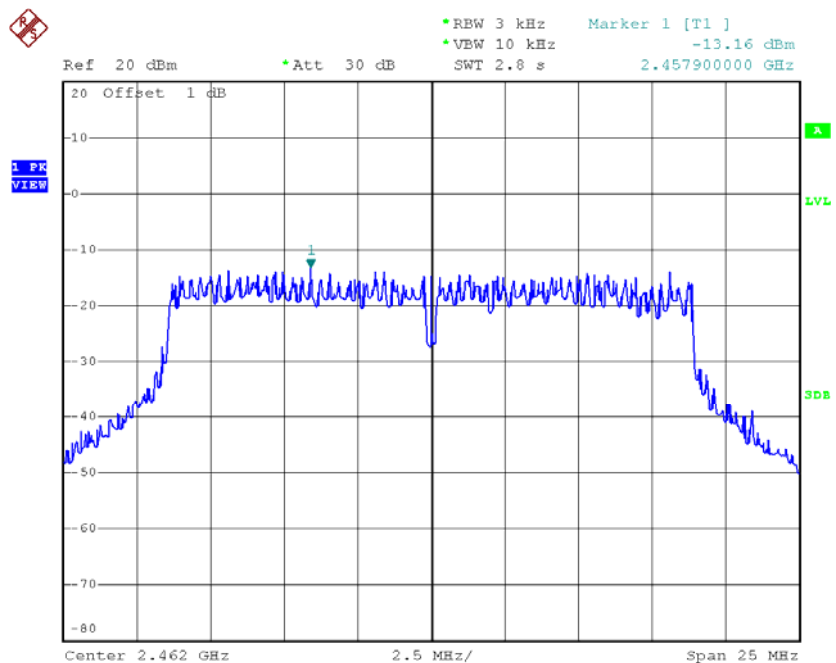
Date: 20.JUL.2015 10:23:44

TX CH06



Date: 20.JUL.2015 10:24:40

TX CH11

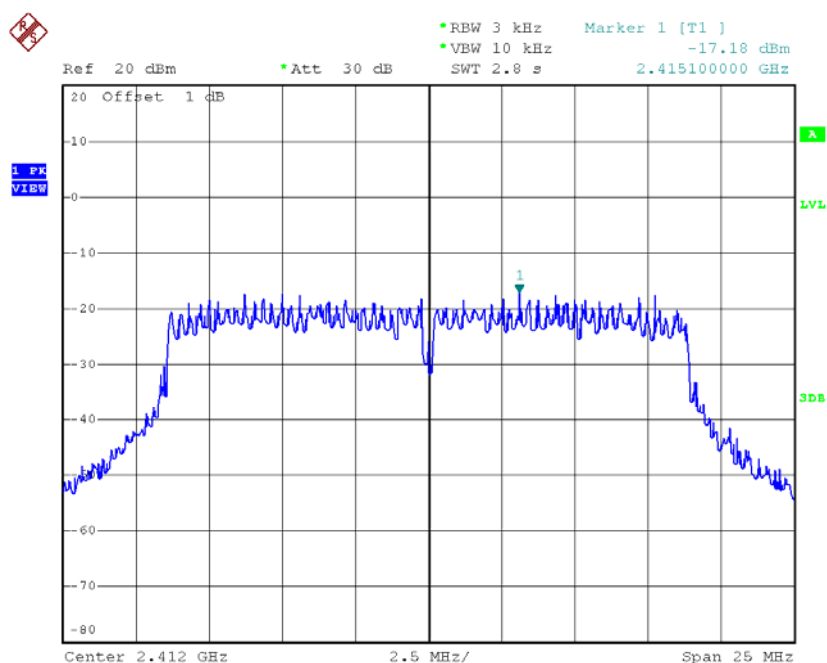


Date: 20.JUL.2015 10:25:55

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

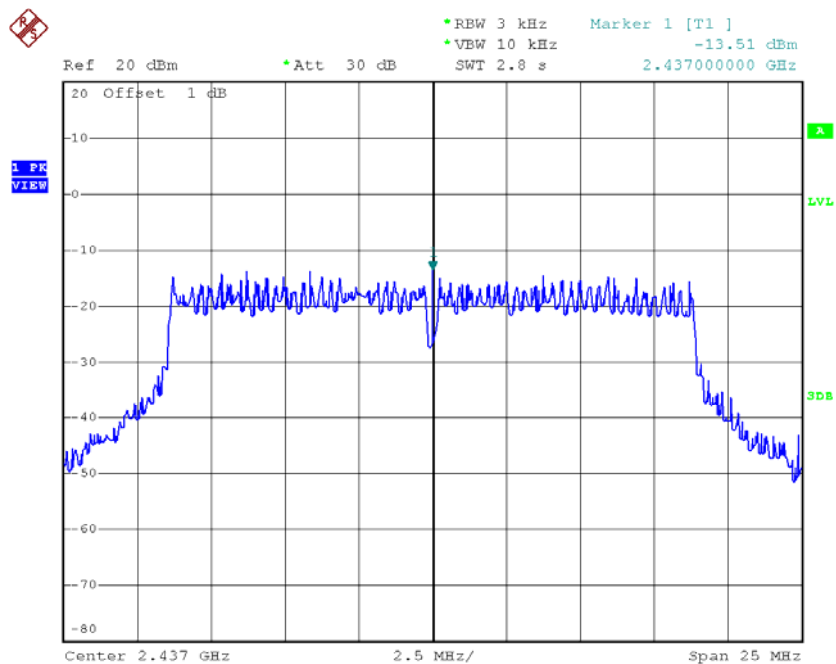
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-17.18	0.02	8.00	Complies
2437	-13.51	0.04	8.00	Complies
2462	-15.10	0.03	8.00	Complies

TX CH01



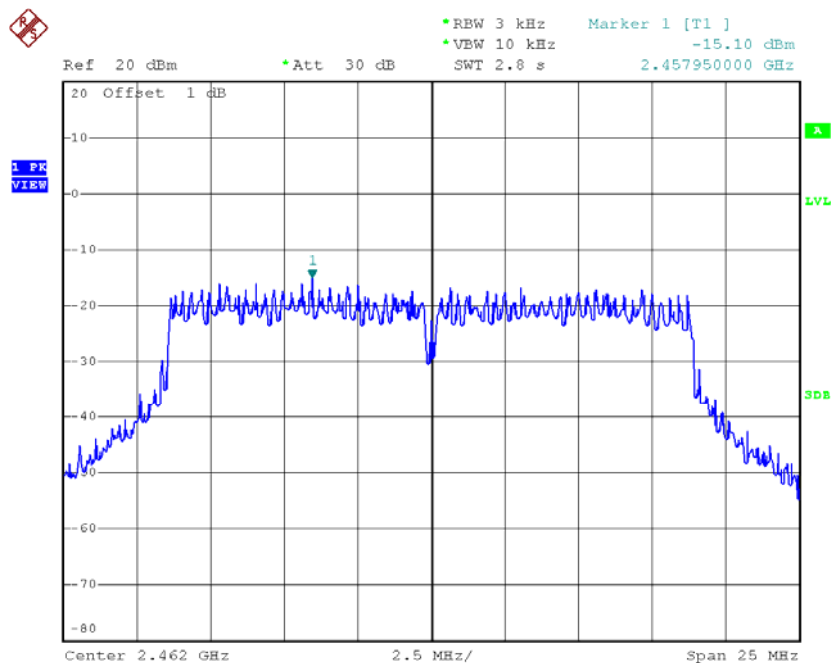
Date: 20.JUL.2015 11:04:21

TX CH06



Date: 20.JUL.2015 11:05:10

TX CH11

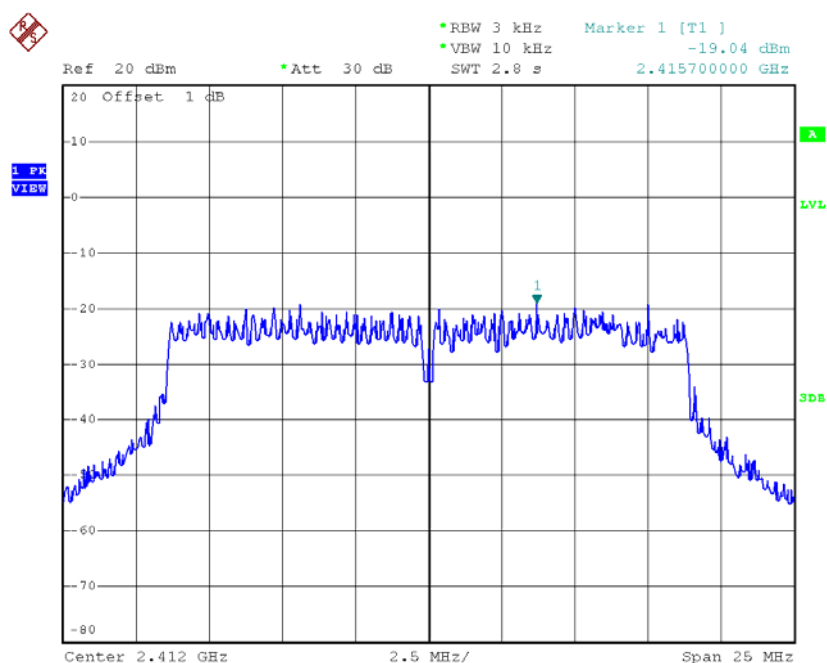


Date: 20.JUL.2015 11:06:13

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

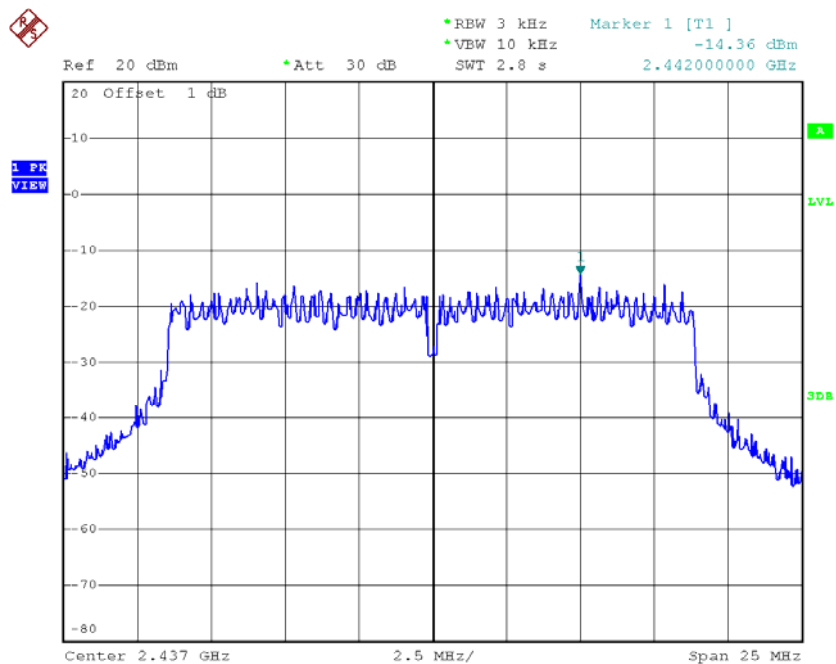
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-19.04	0.01	8.00	Complies
2437	-14.36	0.04	8.00	Complies
2462	-18.31	0.01	8.00	Complies

TX CH01



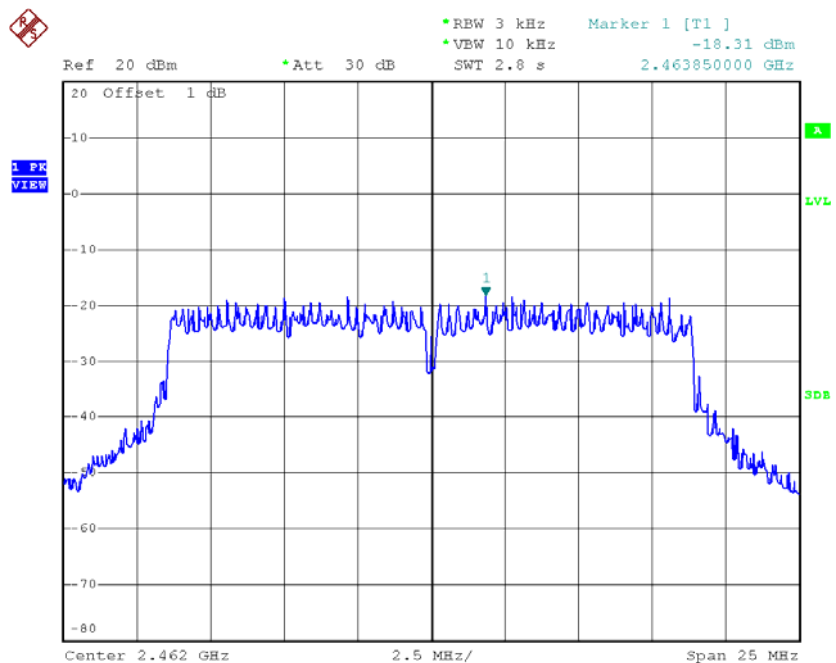
Date: 20.JUL.2015 11:54:49

TX CH06



Date: 20.JUL.2015 11:55:46

TX CH11



Date: 20.JUL.2015 11:56:46

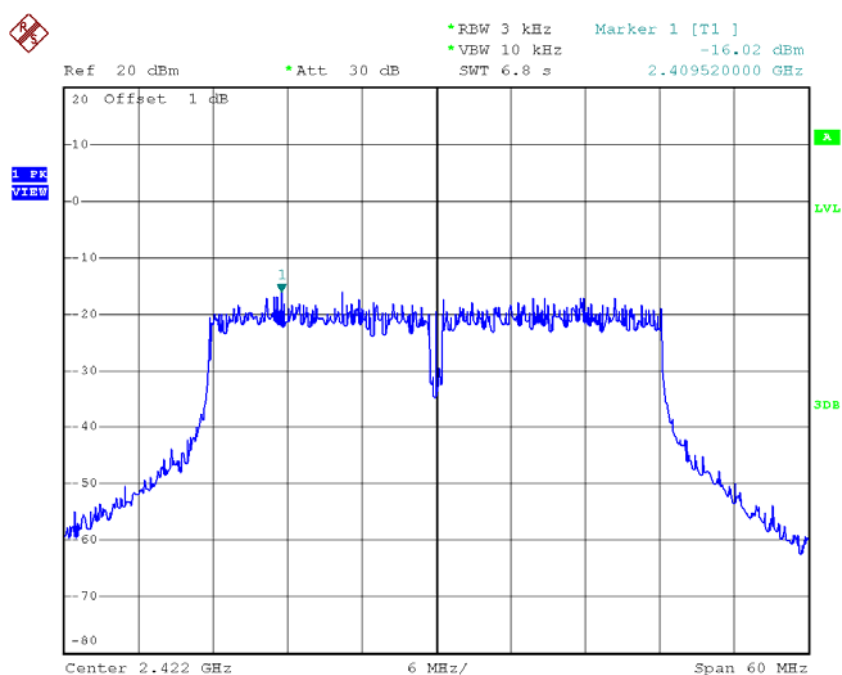
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-8.24	0.15	8.00	Complies
2437	-4.69	0.34	8.00	Complies
2462	-7.70	0.17	8.00	Complies

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

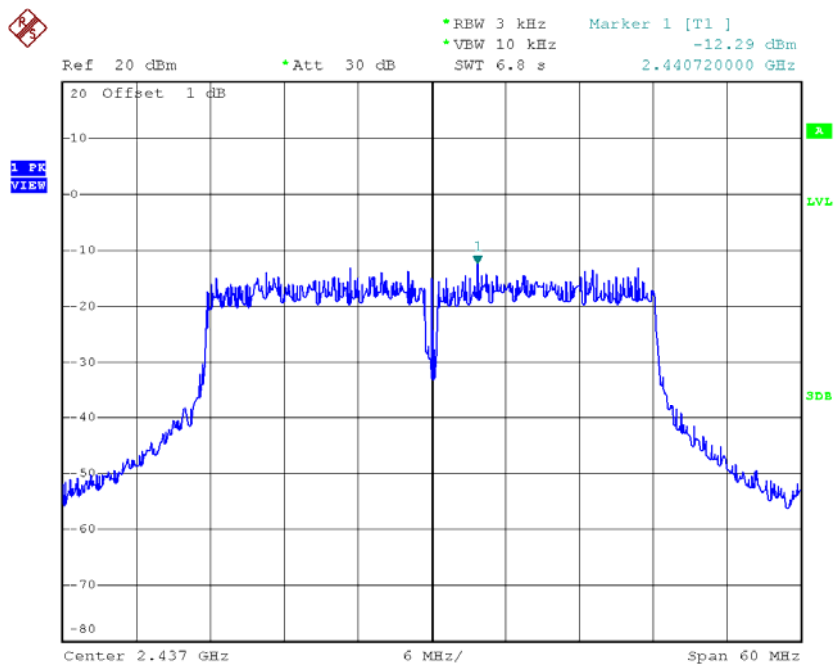
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-16.02	0.03	8.00	Complies
2437	-12.29	0.06	8.00	Complies
2452	-14.17	0.04	8.00	Complies

TX CH03



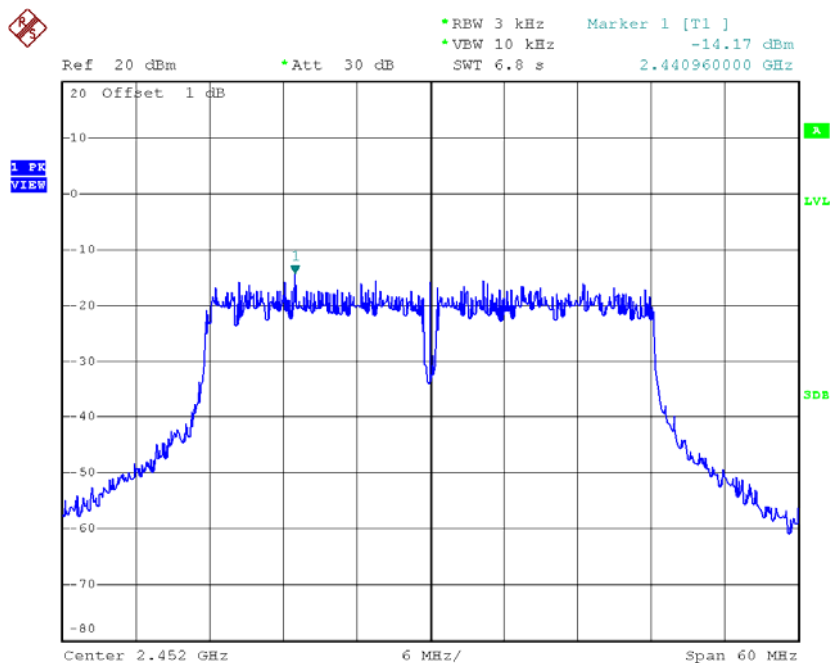
Date: 20.JUL.2015 10:27:53

TX CH06



Date: 20.JUL.2015 10:28:48

TX CH09

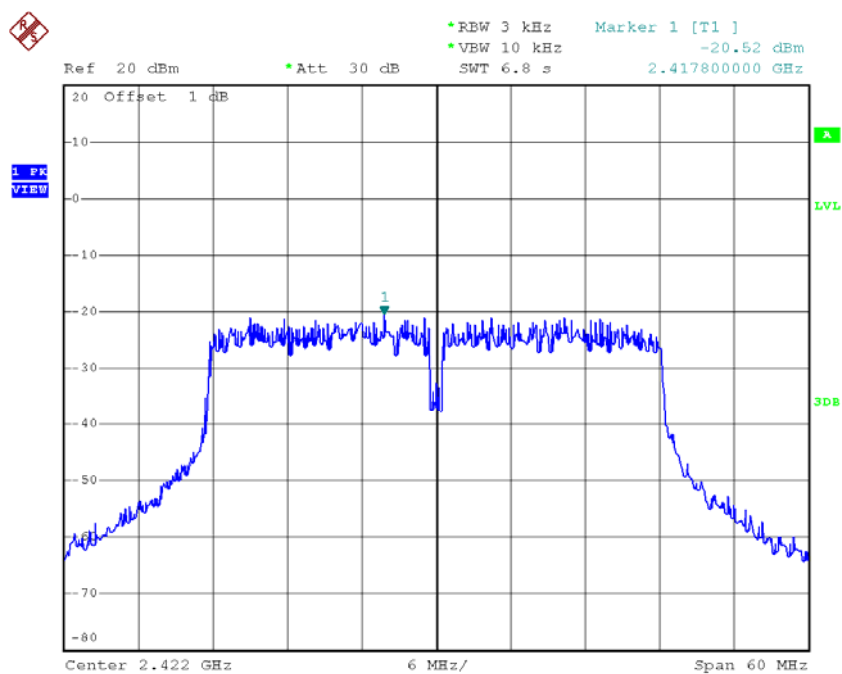


Date: 20.JUL.2015 10:29:58

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

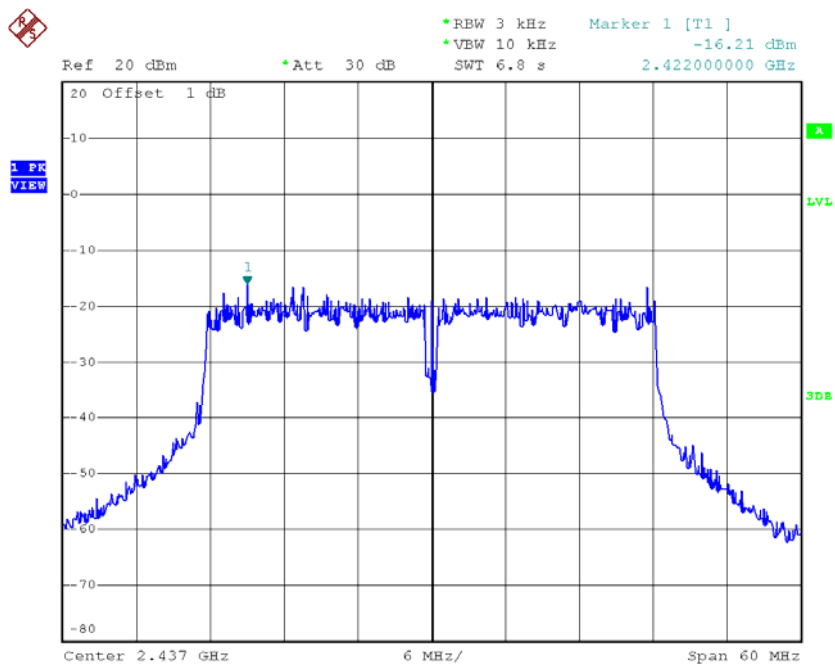
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-20.52	0.01	8.00	Complies
2437	-16.21	0.02	8.00	Complies
2452	-18.23	0.02	8.00	Complies

TX CH03



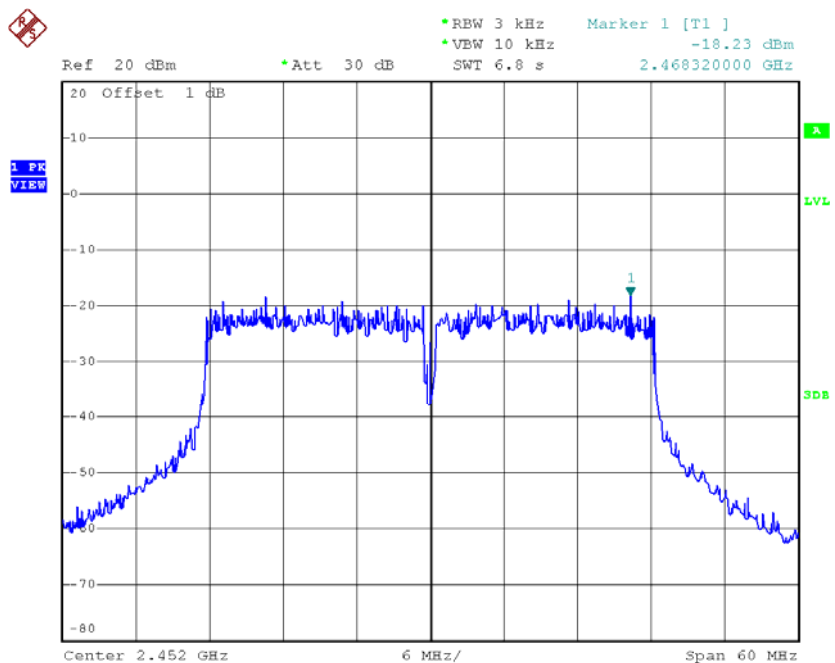
Date: 20.JUL.2015 11:07:21

TX CH06



Date: 20.JUL.2015 11:08:21

TX CH09

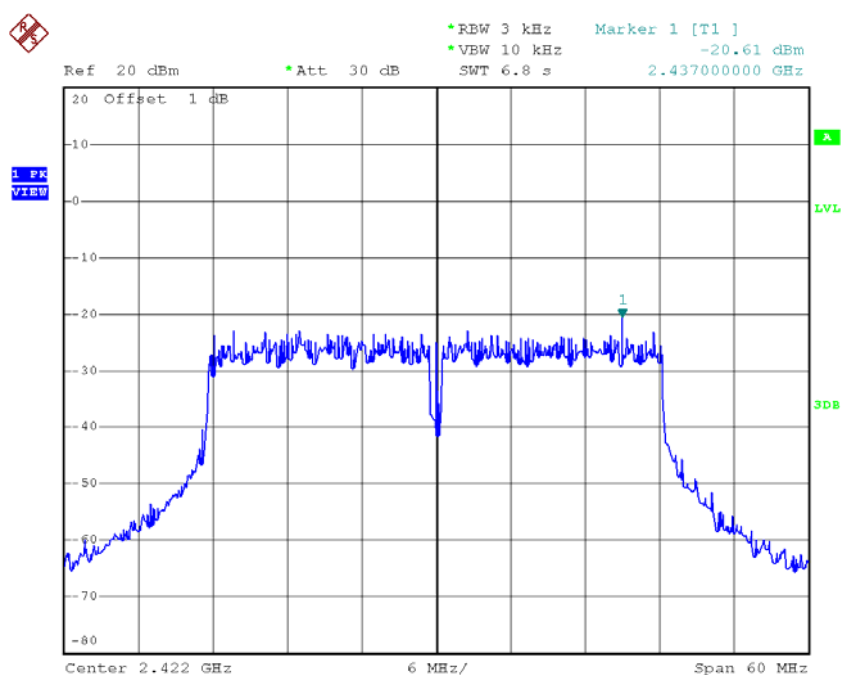


Date: 20.JUL.2015 11:09:50

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

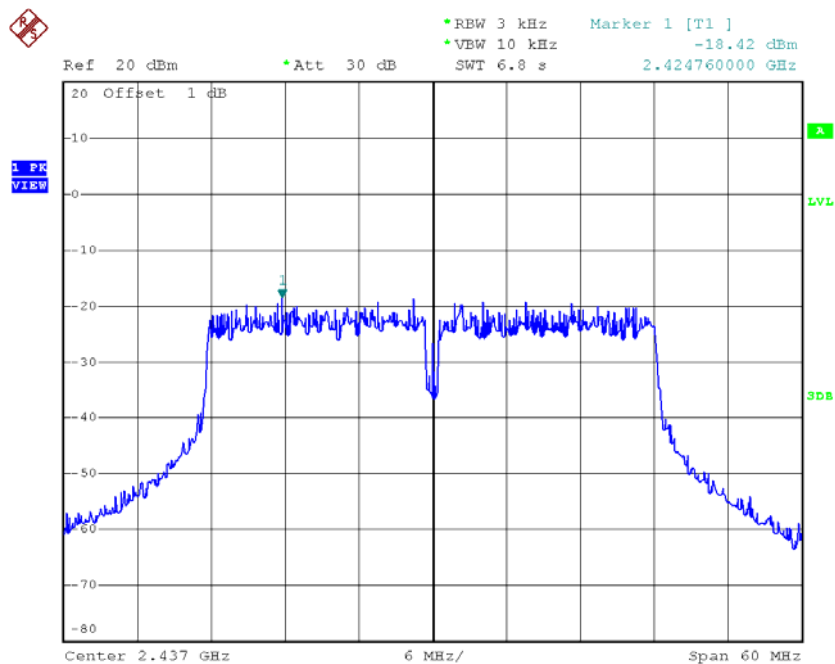
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-20.61	0.01	8.00	Complies
2437	-18.42	0.01	8.00	Complies
2452	-20.44	0.01	8.00	Complies

TX CH03



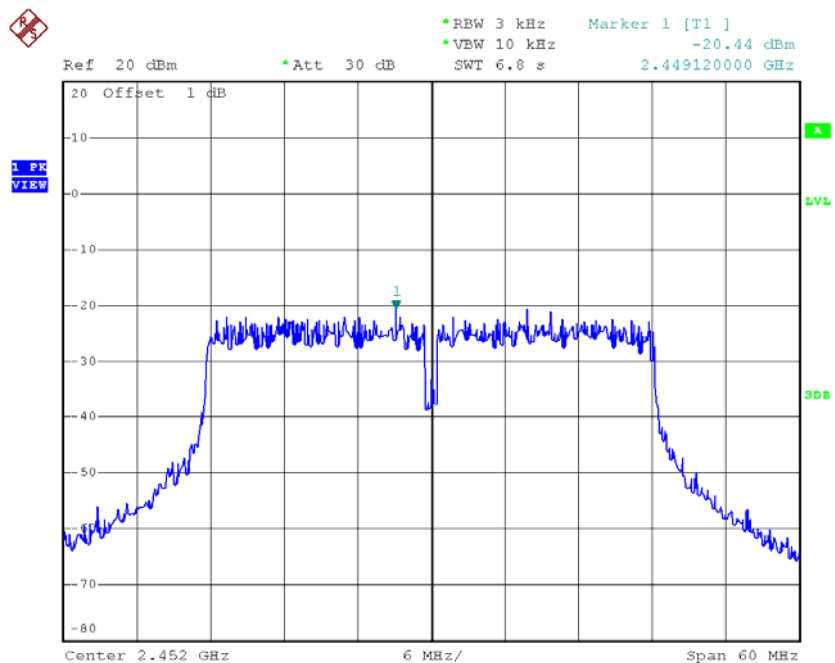
Date: 20.JUL.2015 11:57:54

TX CH06



Date: 20.JUL.2015 11:58:50

TX CH09



Date: 20.JUL.2015 11:59:52

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

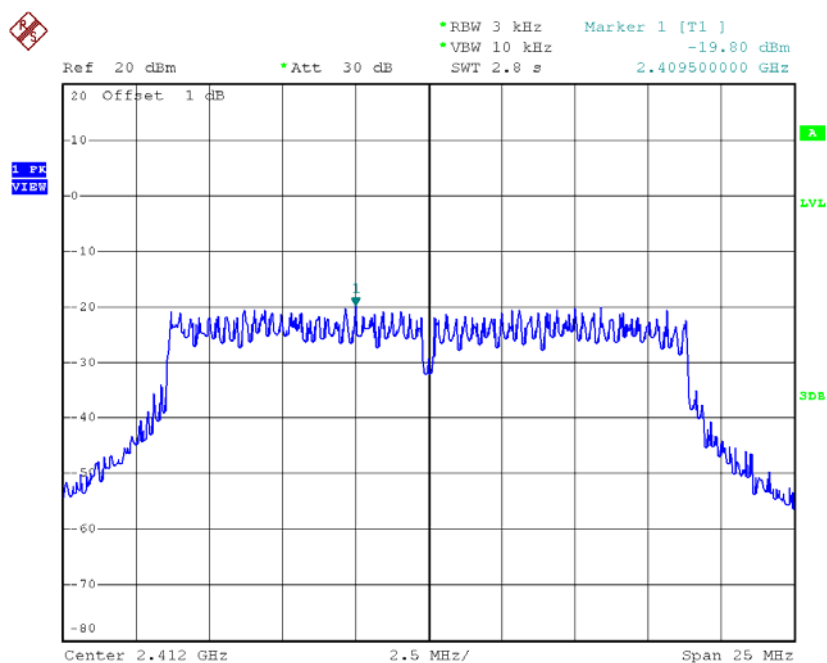
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-10.46	0.09	8.00	Complies
2437	-7.70	0.17	8.00	Complies
2452	-8.86	0.13	8.00	Complies

For 2T2R with Beamforming

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

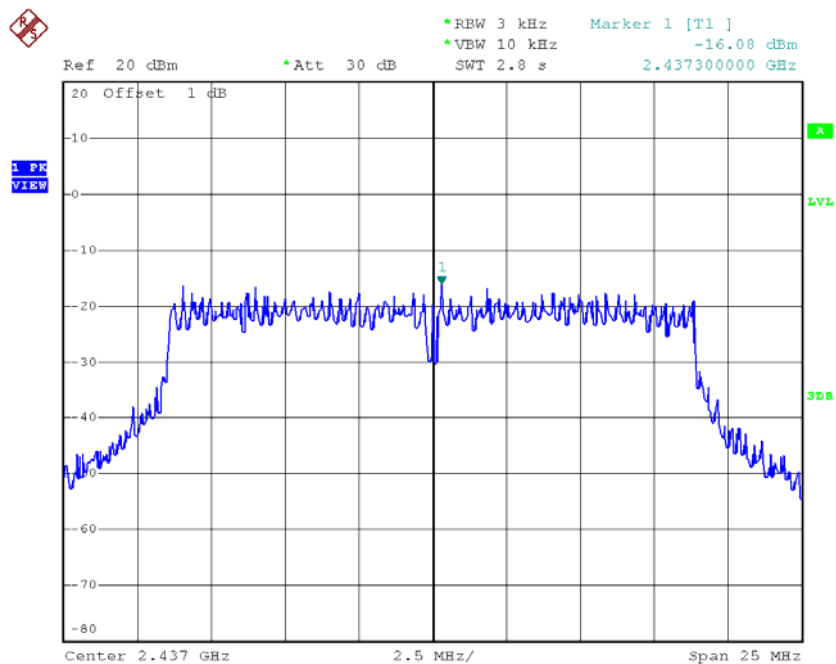
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-19.80	0.01	8.00	Complies
2437	-16.80	0.02	8.00	Complies
2462	-18.51	0.01	8.00	Complies

TX CH01



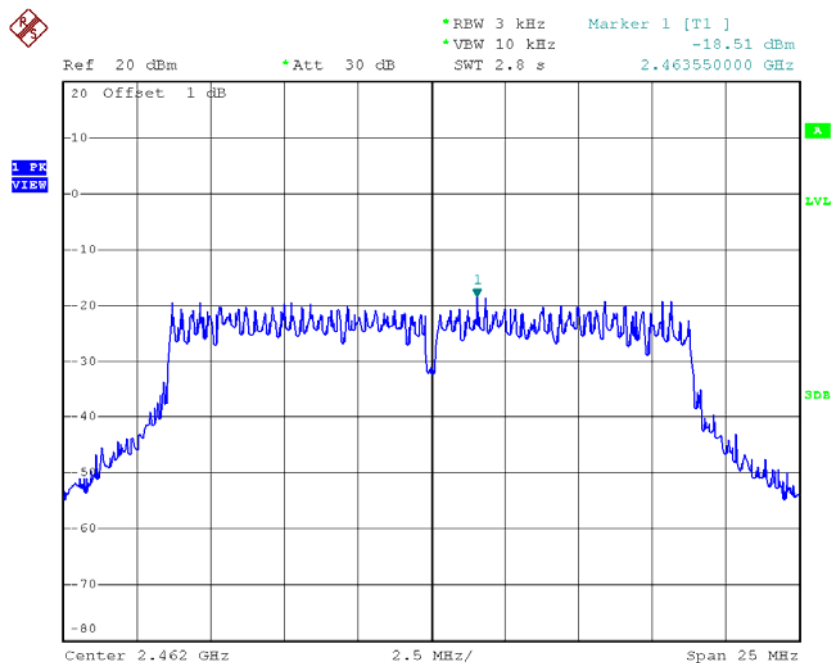
Date: 20.JUL.2015 12:07:21

TX CH06



Date: 20.JUL.2015 12:08:34

TX CH11

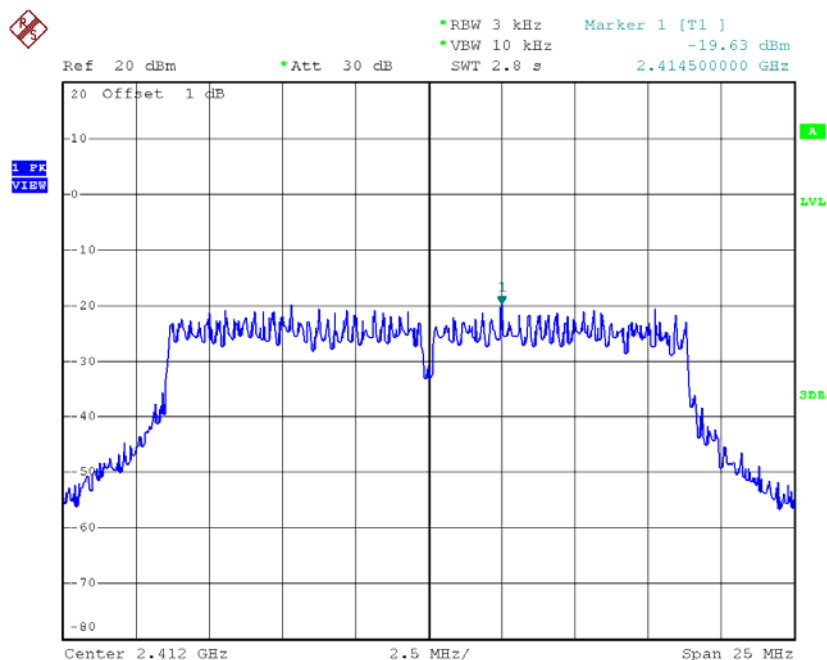


Date: 20.JUL.2015 12:09:39

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

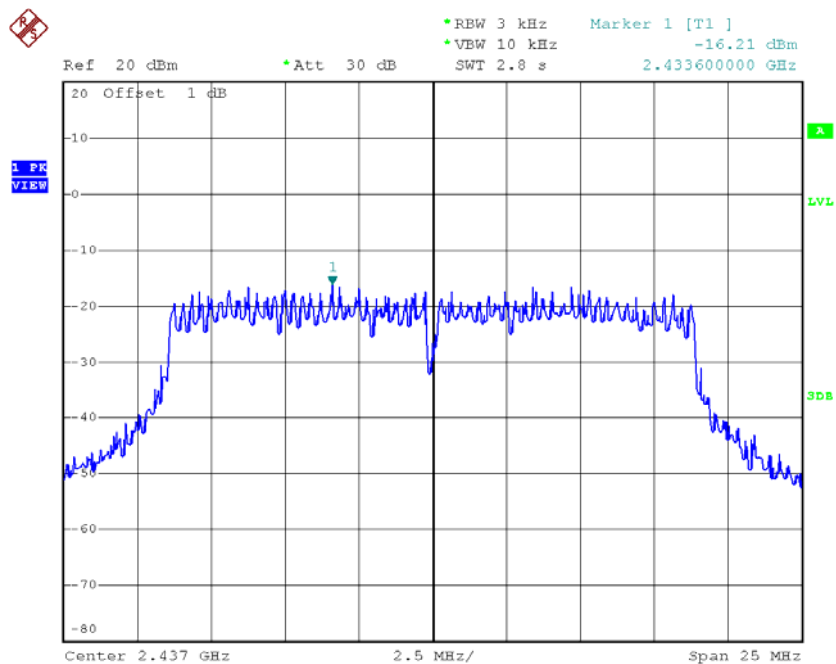
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-19.63	0.01	8.00	Complies
2437	-16.21	0.02	8.00	Complies
2462	-17.61	0.02	8.00	Complies

TX CH01



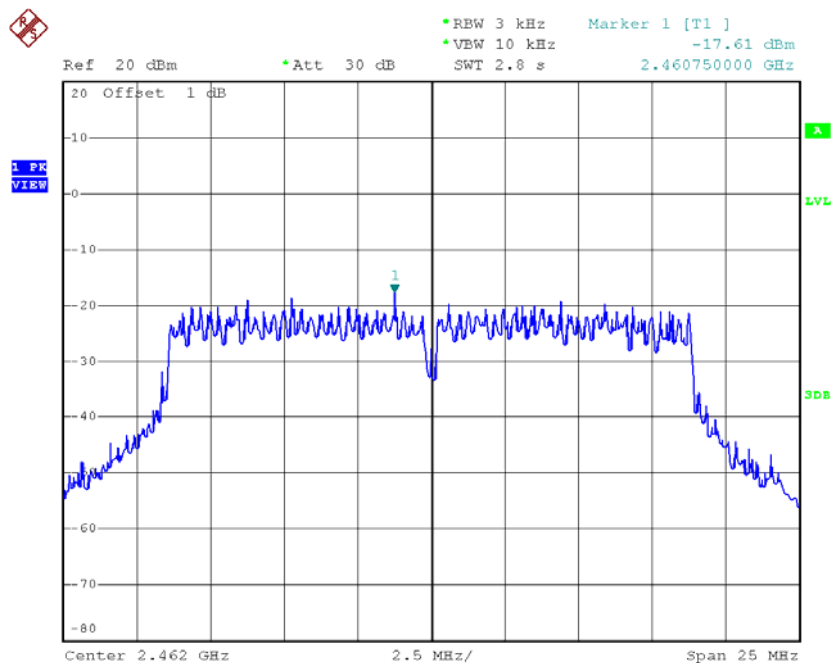
Date: 20.JUL.2015 12:16:16

TX CH06



Date: 20.JUL.2015 12:17:03

TX CH11



Date: 20.JUL.2015 12:18:02

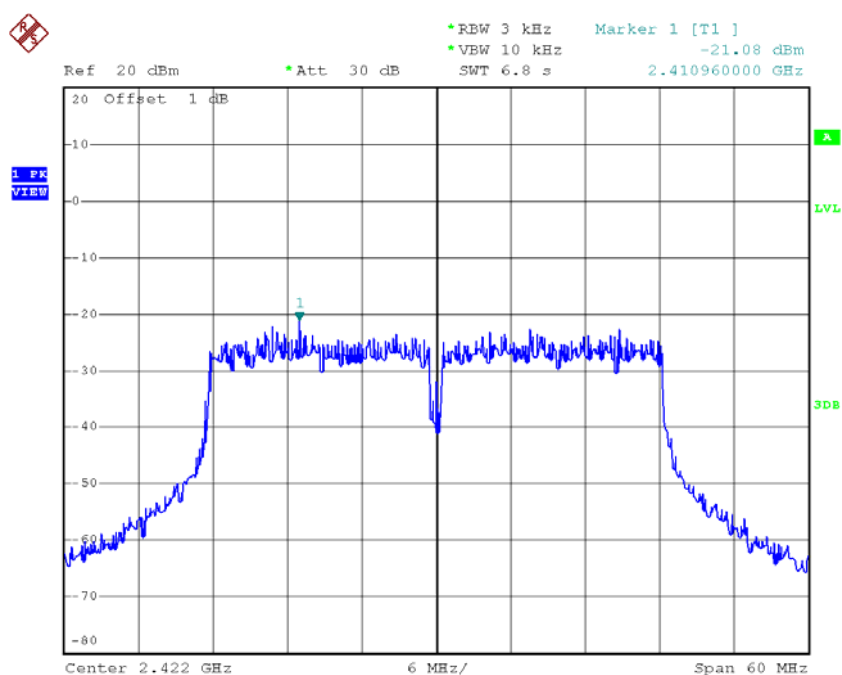
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.70	0.02	8.00	Complies
2437	-13.48	0.04	8.00	Complies
2462	-15.03	0.03	8.00	Complies

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

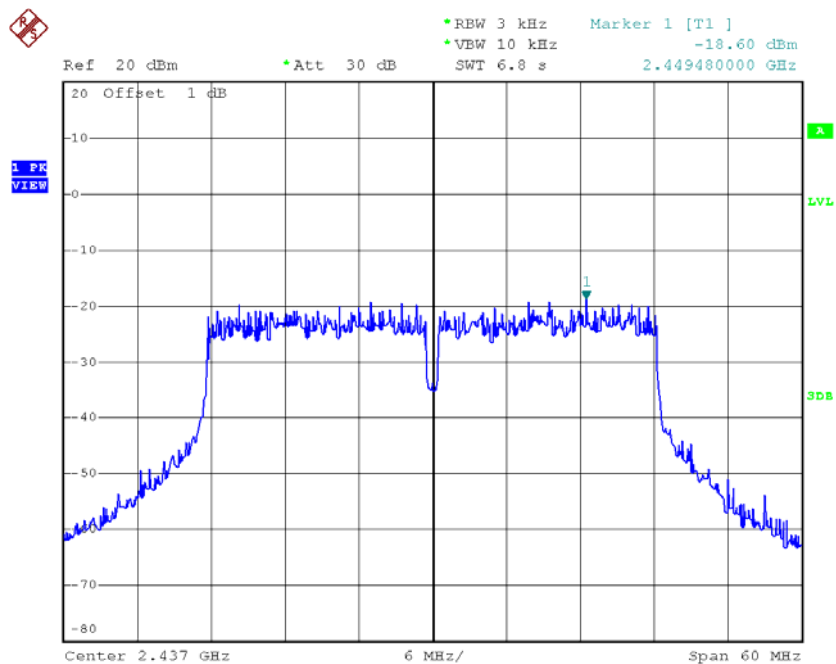
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-21.08	0.01	8.00	Complies
2437	-18.60	0.01	8.00	Complies
2452	-19.48	0.01	8.00	Complies

TX CH03



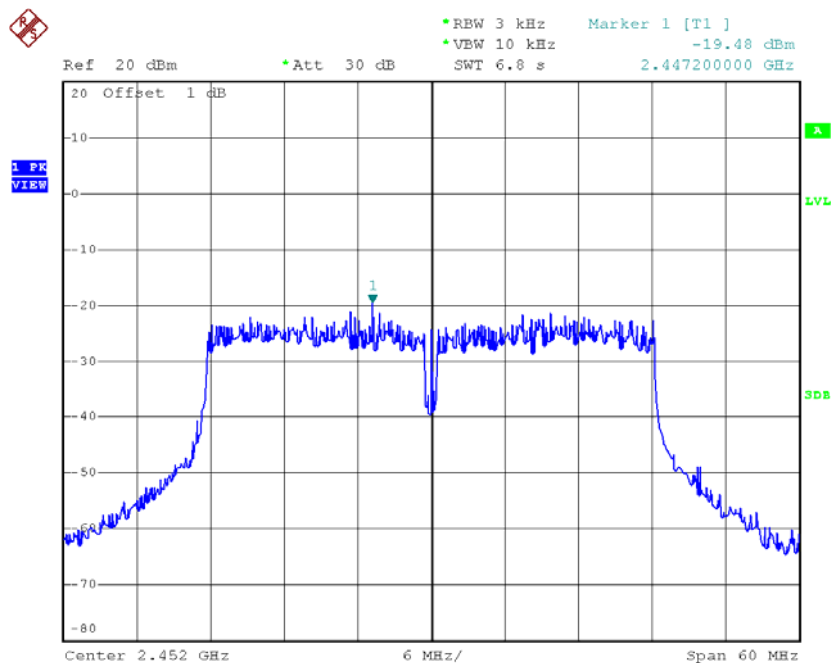
Date: 20.JUL.2015 12:12:53

TX CH06



Date: 20.JUL.2015 12:13:48

TX CH09

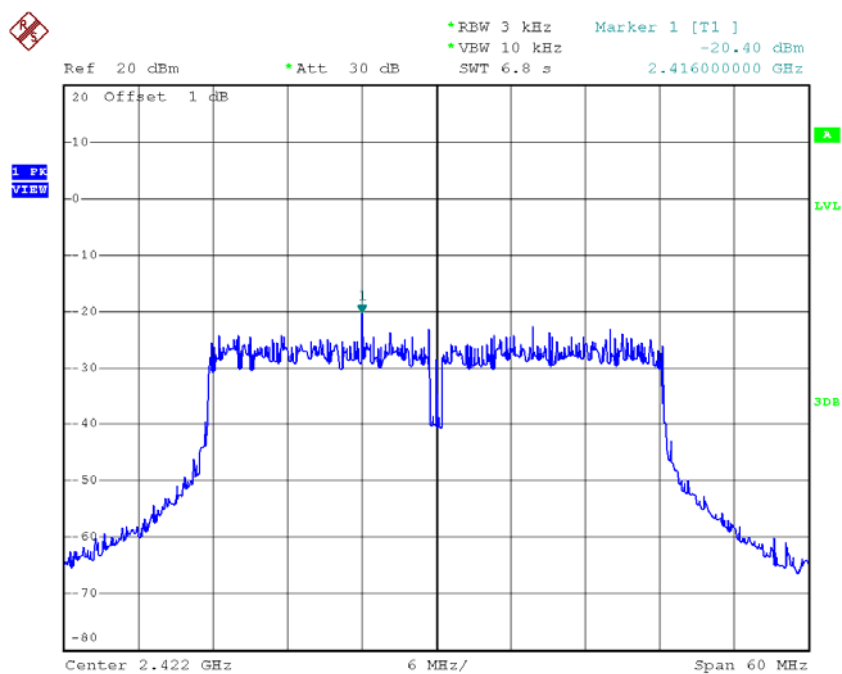


Date: 20.JUL.2015 12:14:58

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

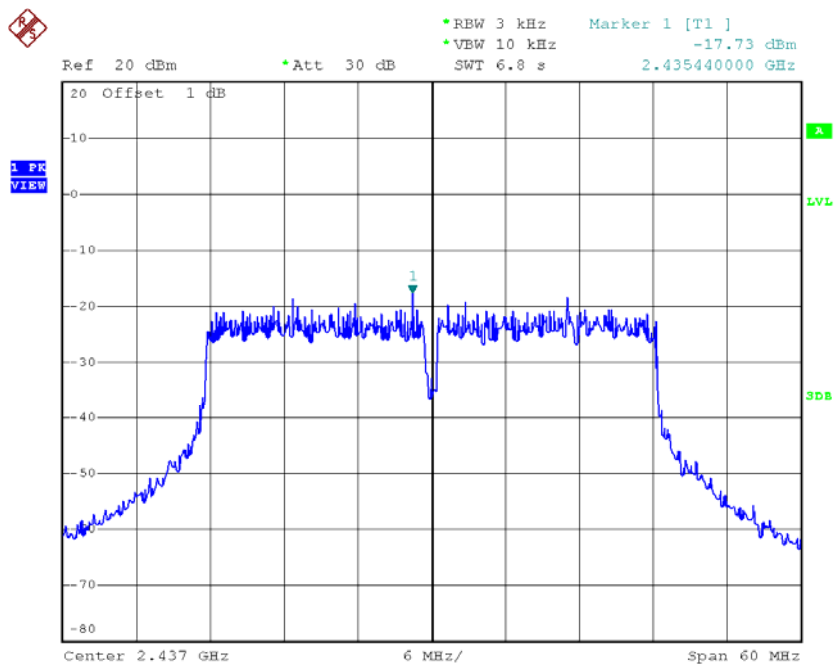
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-20.40	0.01	8.00	Complies
2437	-17.73	0.02	8.00	Complies
2452	-20.18	0.01	8.00	Complies

TX CH03



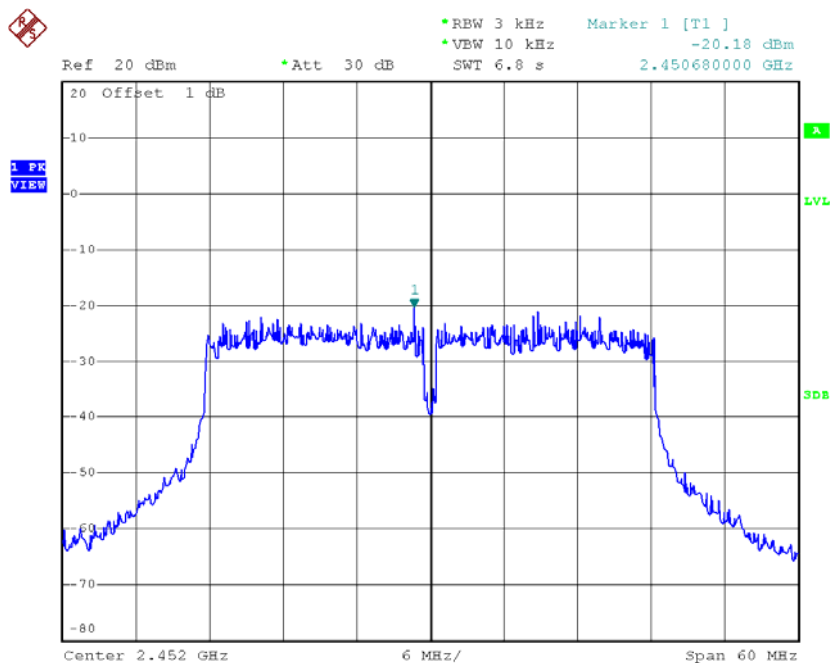
Date: 20.JUL.2015 12:19:22

TX CH06



Date: 20.JUL.2015 12:20:15

TX CH09



Date: 20.JUL.2015 12:22:42

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

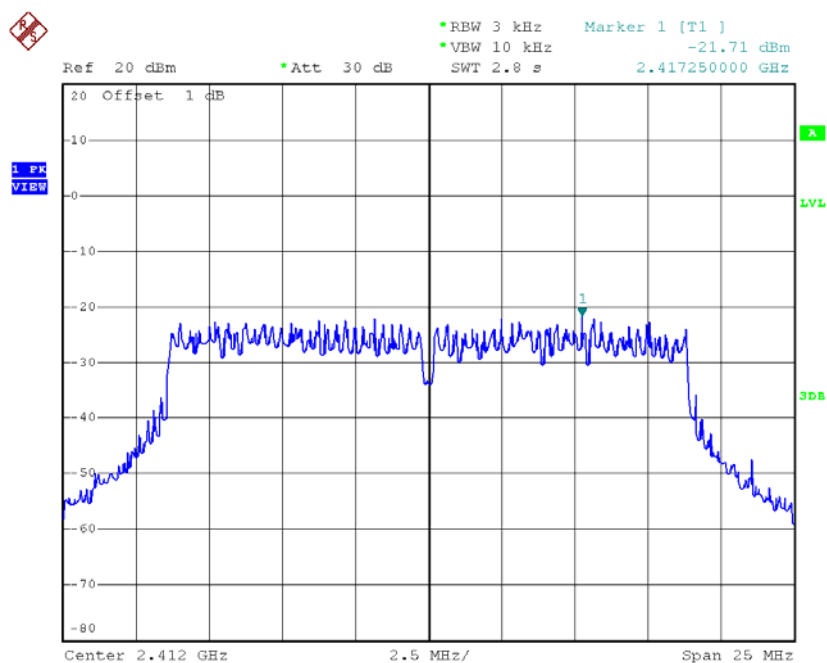
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-17.72	0.02	8.00	Complies
2437	-15.13	0.03	8.00	Complies
2452	-16.81	0.02	8.00	Complies

For 3T3R with Beamforming

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

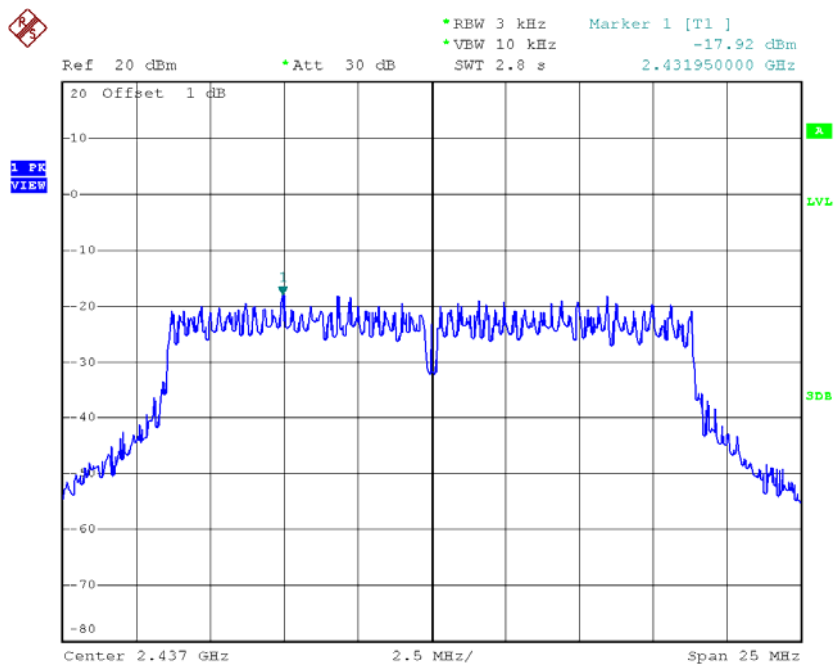
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-21.71	0.01	8.00	Complies
2437	-17.92	0.02	8.00	Complies
2462	-20.23	0.01	8.00	Complies

TX CH01



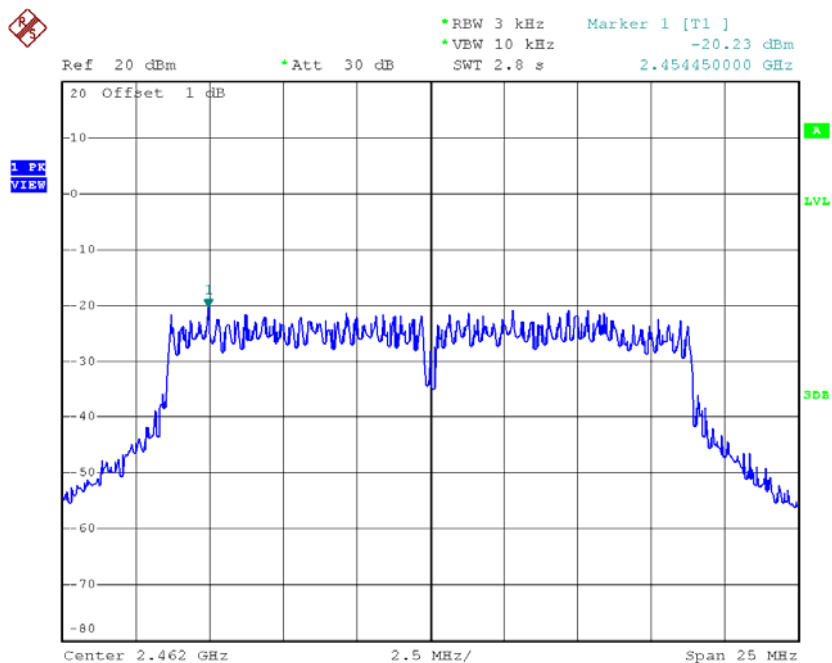
Date: 20.JUL.2015 14:05:28

TX CH06



Date: 20.JUL.2015 14:07:15

TX CH11

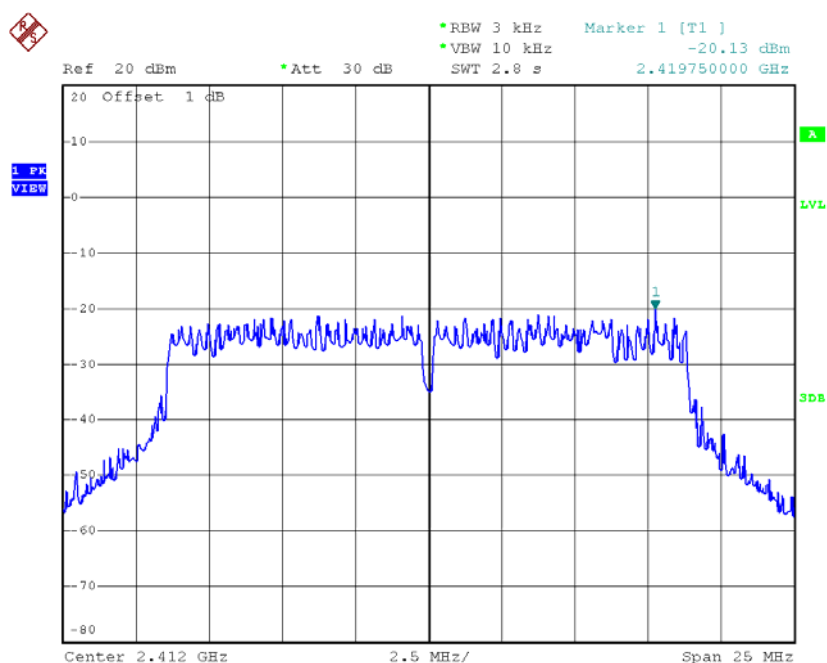


Date: 20.JUL.2015 14:08:36

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

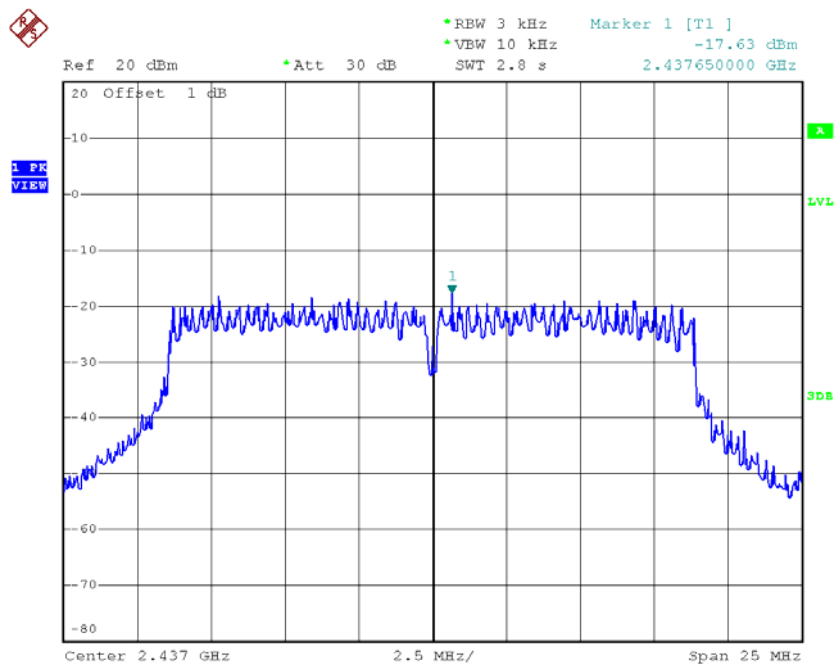
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-20.13	0.01	8.00	Complies
2437	-17.63	0.02	8.00	Complies
2462	-20.35	0.01	8.00	Complies

TX CH01



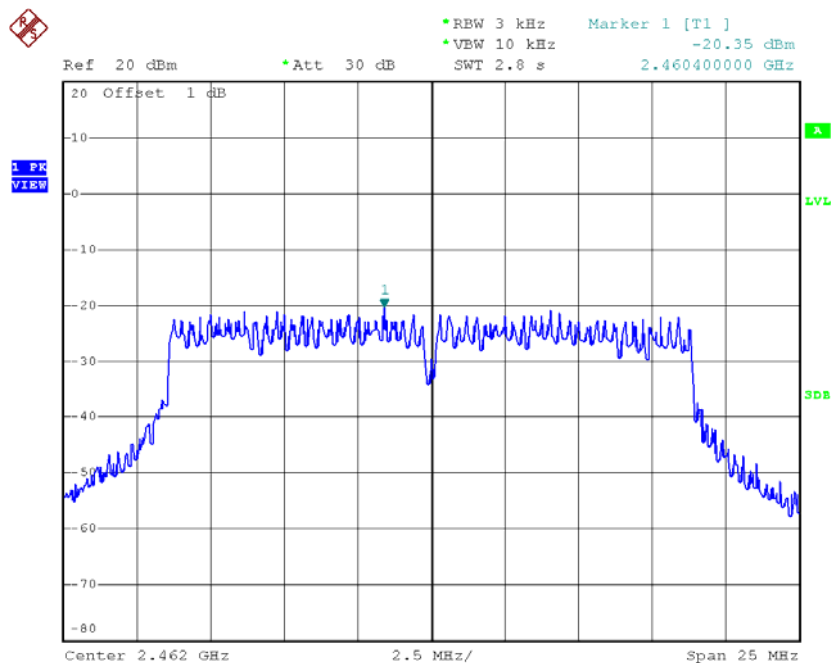
Date: 20.JUL.2015 14:36:43

TX CH06



Date: 20.JUL.2015 14:37:41

TX CH11

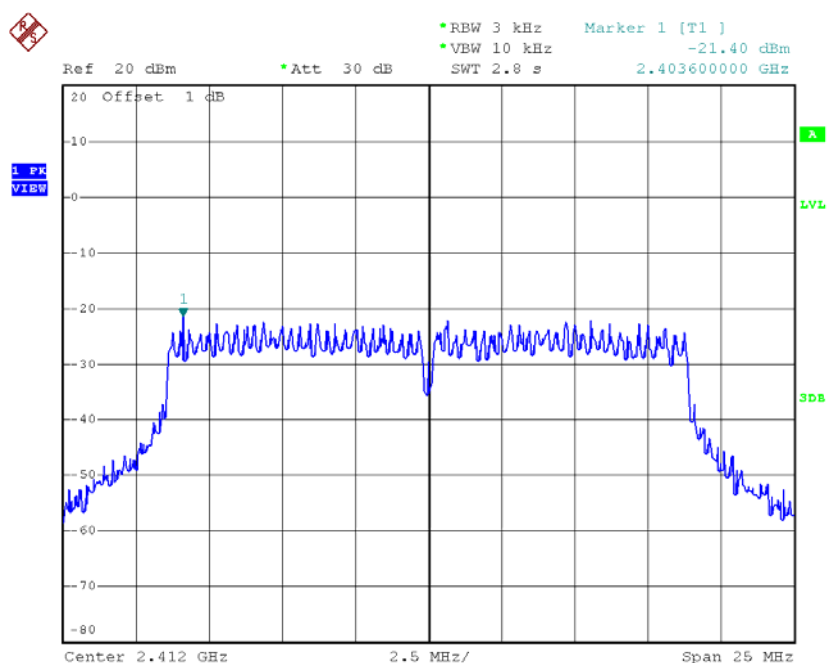


Date: 20.JUL.2015 14:38:37

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

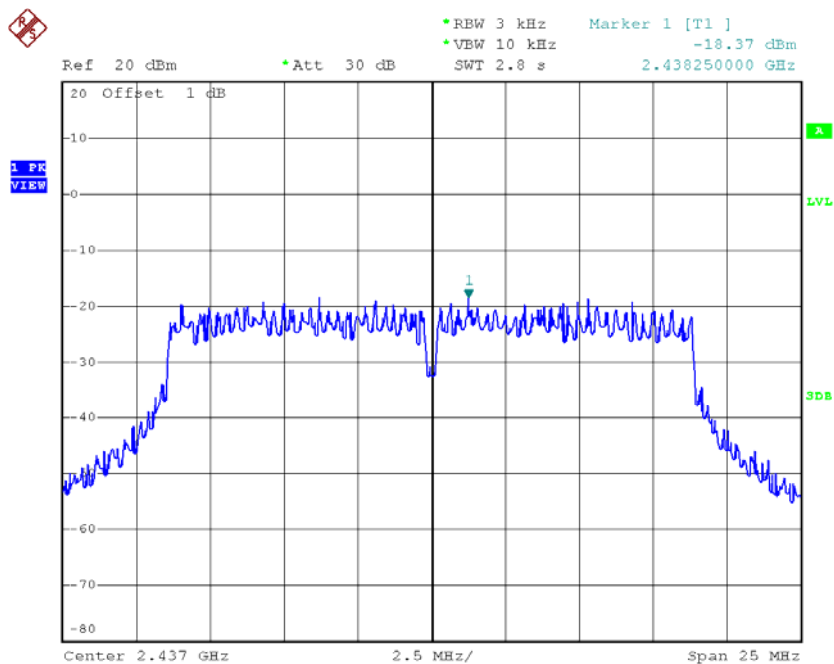
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-21.40	0.01	8.00	Complies
2437	-18.37	0.01	8.00	Complies
2462	-20.89	0.01	8.00	Complies

TX CH01



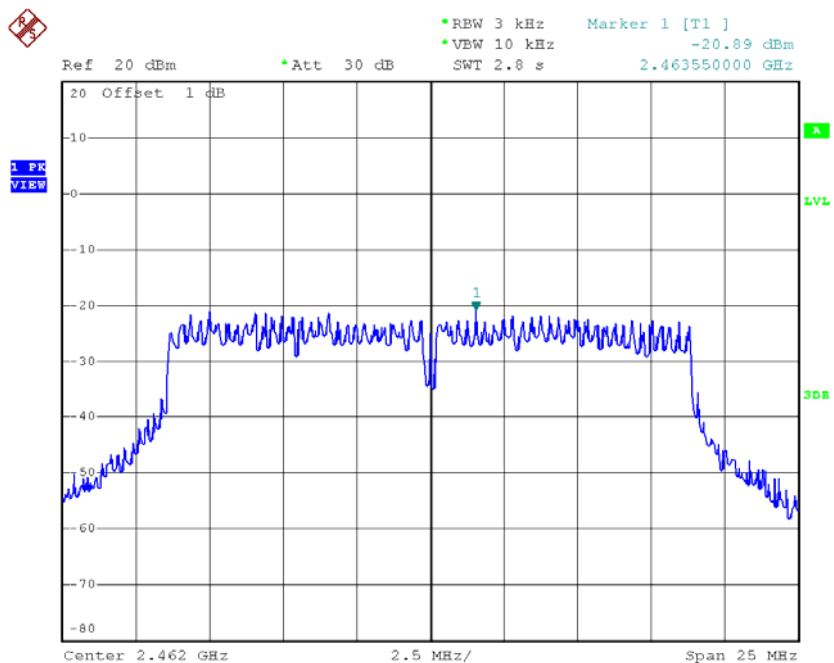
Date: 20.JUL.2015 14:42:53

TX CH06



Date: 20.JUL.2015 14:43:59

TX CH11



Date: 20.JUL.2015 14:45:00

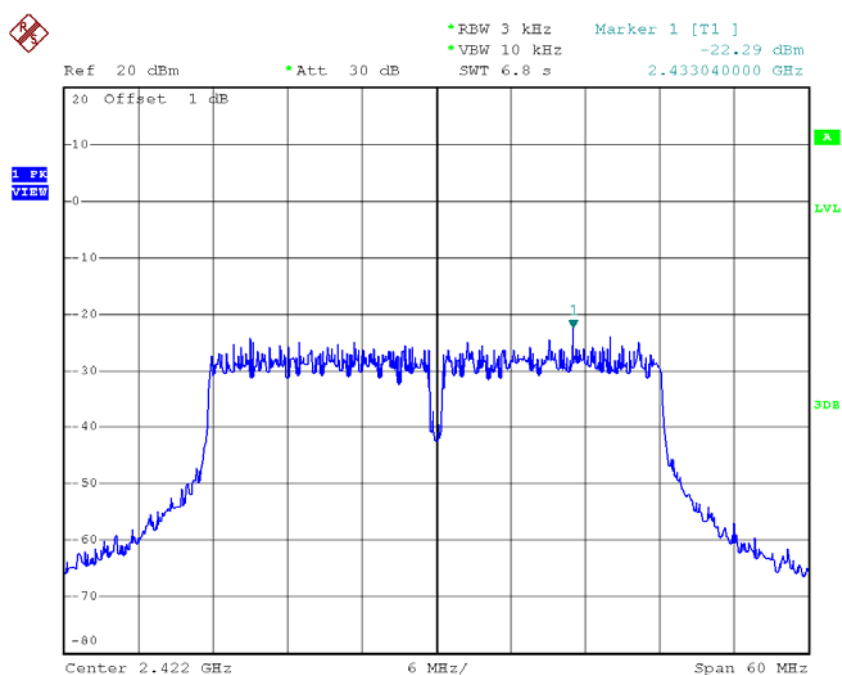
Test Mode : TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.25	0.02	8.00	Complies
2437	-13.19	0.05	8.00	Complies
2462	-15.71	0.03	8.00	Complies

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

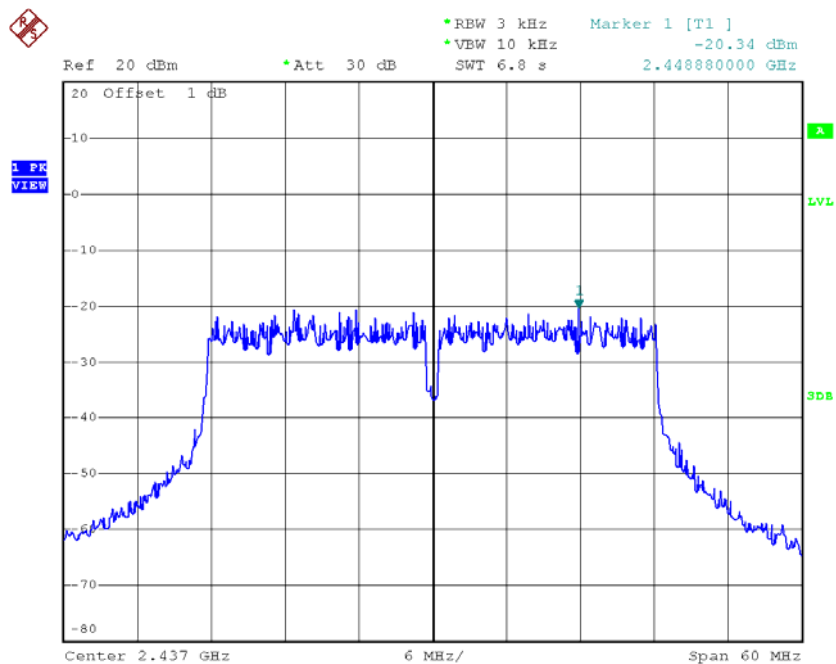
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-22.29	0.01	8.00	Complies
2437	-20.34	0.01	8.00	Complies
2452	-23.02	0.00	8.00	Complies

TX CH03



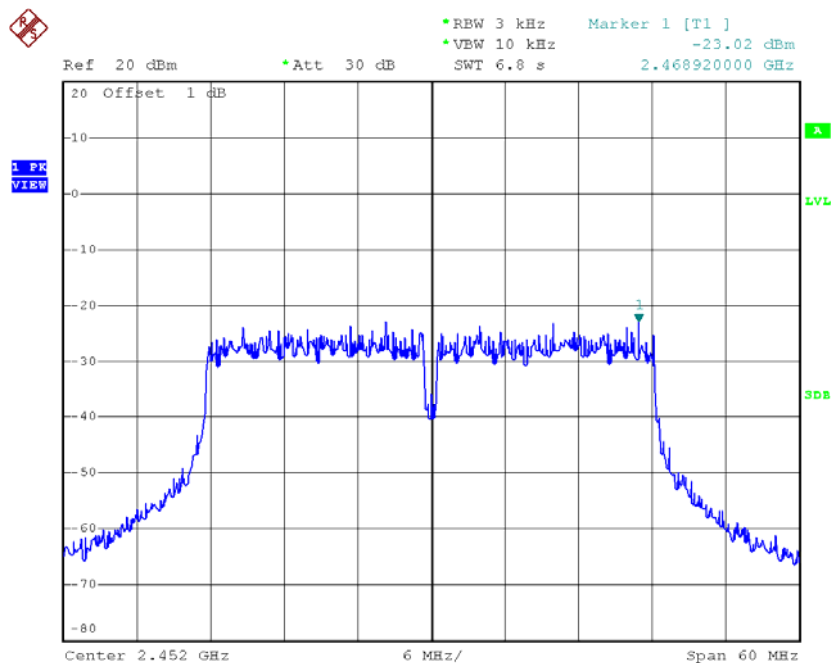
Date: 20.JUL.2015 14:09:47

TX CH06



Date: 20.JUL.2015 14:10:50

TX CH09

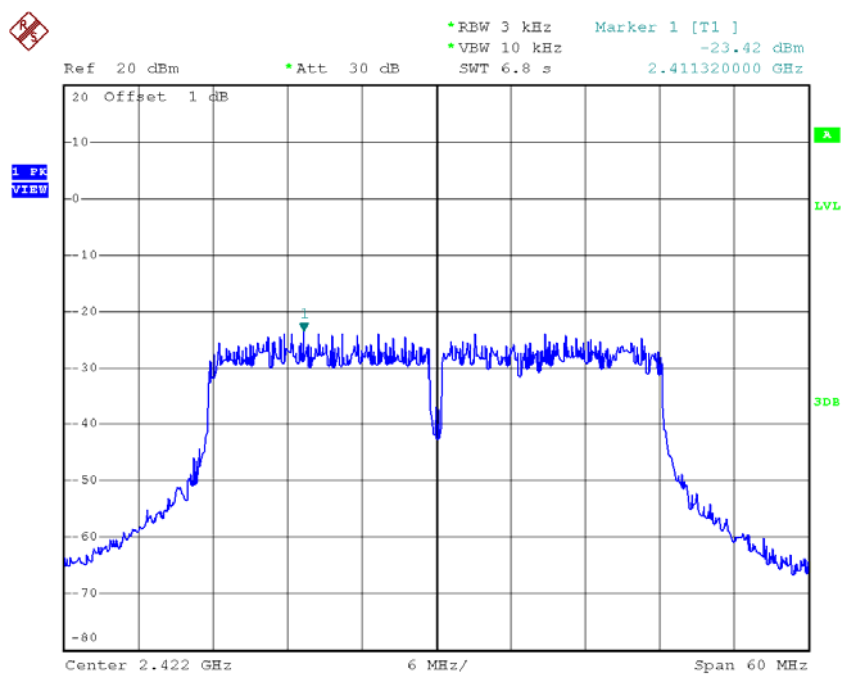


Date: 20.JUL.2015 14:11:53

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

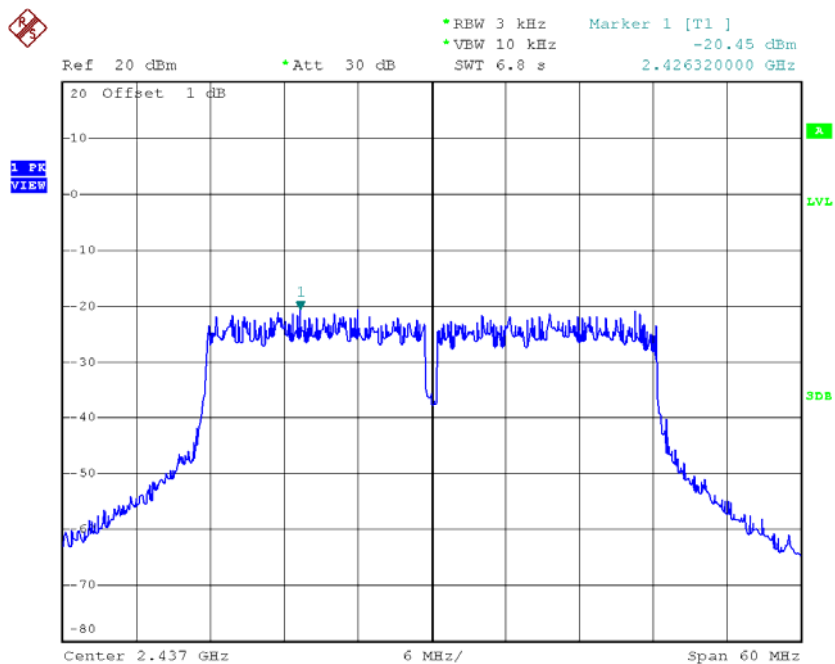
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-23.42	0.00	8.00	Complies
2437	-20.45	0.01	8.00	Complies
2452	-22.48	0.01	8.00	Complies

TX CH03



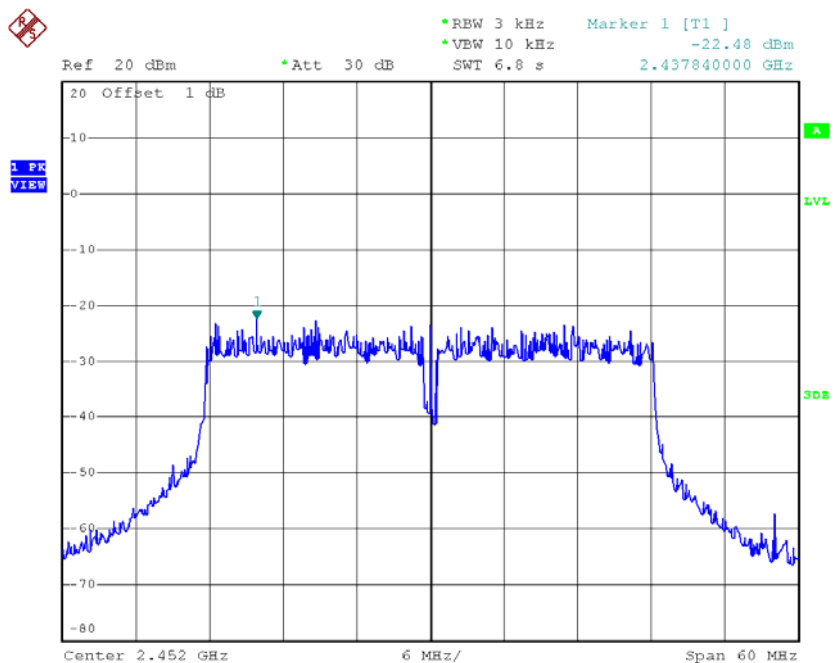
Date: 20.JUL.2015 14:39:40

TX CH06



Date: 20.JUL.2015 14:40:29

TX CH09

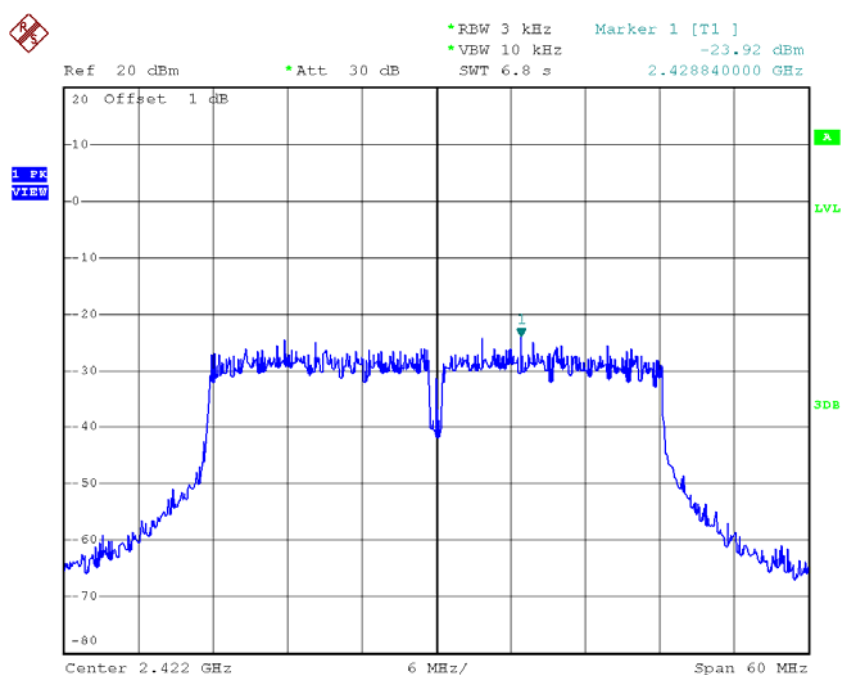


Date: 20.JUL.2015 14:41:30

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

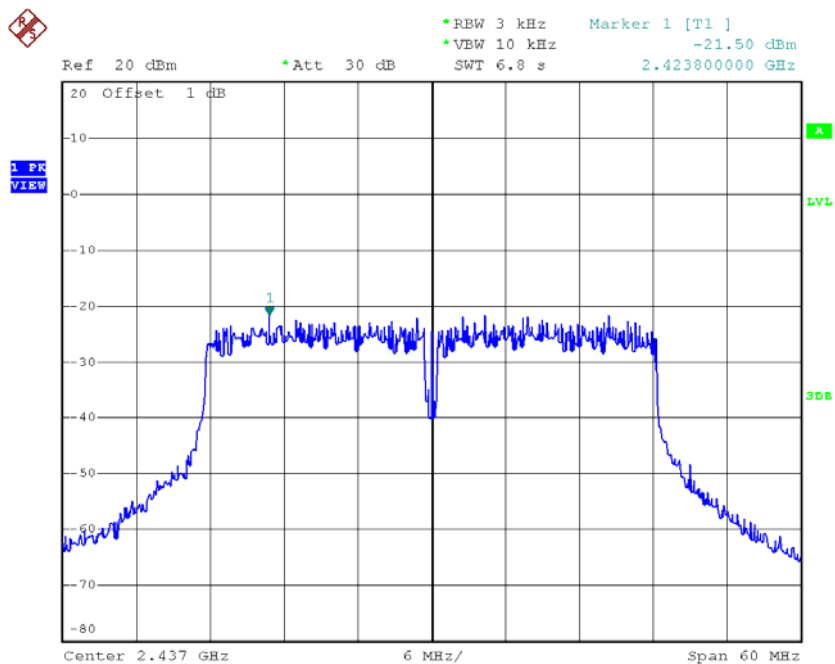
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-23.92	0.00	8.00	Complies
2437	-21.50	0.01	8.00	Complies
2452	-22.86	0.01	8.00	Complies

TX CH03



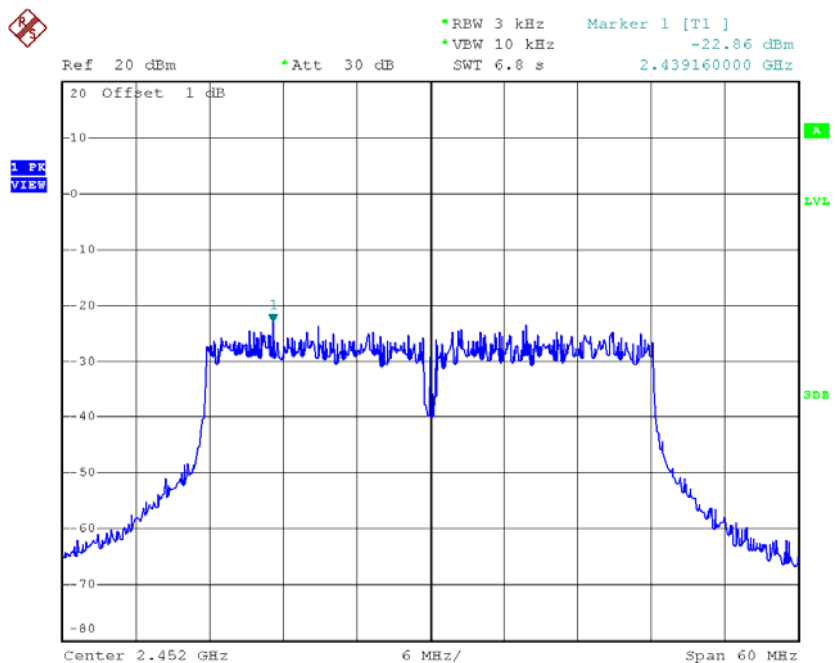
Date: 20.JUL.2015 14:46:22

TX CH06



Date: 20.JUL.2015 14:47:16

TX CH09



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

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

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-18.38	0.01	8.00	Complies
2437	-15.96	0.03	8.00	Complies
2452	-18.01	0.02	8.00	Complies