FCC Radio Test Report

FCC ID: P27OC835V3

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

Project No.	:	1705042
Equipment	:	Waterproof HD IP Camera
Test Model	:	OC835-V3
Series Model	:	N/A
Applicant	:	Sercmm Corporation
Address	:	8F, No. 3-1, YuanQu St., NanKang, Taipei, Taiwan 115

Date of Receipt	:	May 11, 2017
Date of Test	:	May 11, 2017 ~ May 25, 2017
Issued Date	:	May 31, 2017
Tested by	:	BTL Inc.

Testing Engineer : Rush Kao
(Rush Kao)

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(James Chiu)

Authorized Signatory : Andy Chiu
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Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1705042	Original Issue.	May 31, 2017

1. CERTIFICATION

Equipment	:	Waterproof HD IP Camera
Brand Name	:	ADT
Test Model	:	OC835-V3
Series Model	:	N/A
Applicant	:	Sercmm Corporation
Manufacturer	:	SERCOMM CORP
Address	:	3F 81 YUYI RD CHU-NAN MIAO-LI, 350 TAIWAN
Factory	:	SERCOMM CORP
Address	:	3F 81 YUYI RD CHU-NAN MIAO-LI, 350 TAIWAN
Date of Test	:	May 11, 2017 ~ May 25, 2017
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart C:(15.247) / ANSI C63.10-2013

The above equipment has been tested and found in compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1705042) 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			
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6dB Bandwidth	PASS	
15.247(b)(3)	Peak Output Power	PASS	
15.247(e)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	
15.247(d)/ 15.205/ 15.209	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:

Conducted emission Test:

C05: (VCCI RN: C-4742; FCC RN:965108; FCC DN:TW1082)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Below 1 GHz):

CB15: (FCC RN:674415; FCC DN:TW0659)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Above 1 GHz):

CB15: (FCC RN:674415; FCC DN:TW0659)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
C05	CISPR	150 kHz ~ 30MHz	3.06

B. Radiated emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (3m)	CISPR	9kHz ~ 150kHz	2.96
		150kHz ~ 30MHz	2.74

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	30MHz ~ 200MHz	V	4.76
		30MHz ~ 200MHz	H	4.28
		200MHz ~ 1,000MHz	V	5.08
		200MHz ~ 1,000MHz	H	4.50

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	1GHz ~ 6GHz	V	4.48
		1GHz ~ 6GHz	H	4.50
		6GHz ~ 18GHz	V	4.30
		6GHz ~ 18GHz	H	4.14

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (1m)	CISPR	18 ~ 26.5 GHz	4.72
		26.5 ~ 40 GHz	5.20

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Waterproof HD IP Camera	
Brand Name	ADT	
Test Model	OC835-V3	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:CCK 802.11g:OFDM 802.11n:MCS 0-15
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps
	Output Power (Max.)	802.11b: 23.19dBm 802.11g: 26.61dBm 802.11n(20MHz): 28.46dBm 802.11n(40MHz): 26.65dBm
Power Source	DC voltage supplied from external power supply. APD/WB-18D12FU	
Power Rating	I/P: 100-240V~ 50-60Hz 0.5A Max. / O/P: 12V⎓ 1.5A	
Products Covered	1 * AC Adapter: APD/WB-18D12FU 1 * RJ-45 USB cable	

Note:

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

2. Channel List:

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

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	Sercomm	OC835V3	N/A	IPEX	3.4	NA
2	Sercomm	OC835V3	N/A	IPEX	3.7	NA

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R) and employs Cyclic Delay Diversity (CDD).
In CDD mode,
For power spectral density:
Directional gain (dBi) =
10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.56 dBi. > 6dBi.
The reduced power spectral density limits (dBm/MHz) = 8 - (6.56-6) = 7.44

For conducted power:
For N_{ANT} = 2 < 5,
Directional gain (dBi) = G_{ANT} + 0 = 3.7 + 0 = 3.7
The Directional gain is less than 6, so conducted power limits will not be reduced.

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

3.2 DESCRIPTION OF TEST MODES

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

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

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	Normal Link

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

For Band Edge 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

6dB Spectrum Bandwidth	
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

Maximum Conducted Output Power	
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

Power Spectral Density	
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: CCK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : MCS 0 (13Mbps)
802.11n HT40 mode : MCS 0 (27Mbps)
For radiated emission tests, the highest output powers were set for final test.

(3) For radiated below 1G test, the 802.11n(40MHz) is found to be the worst case and recorded.

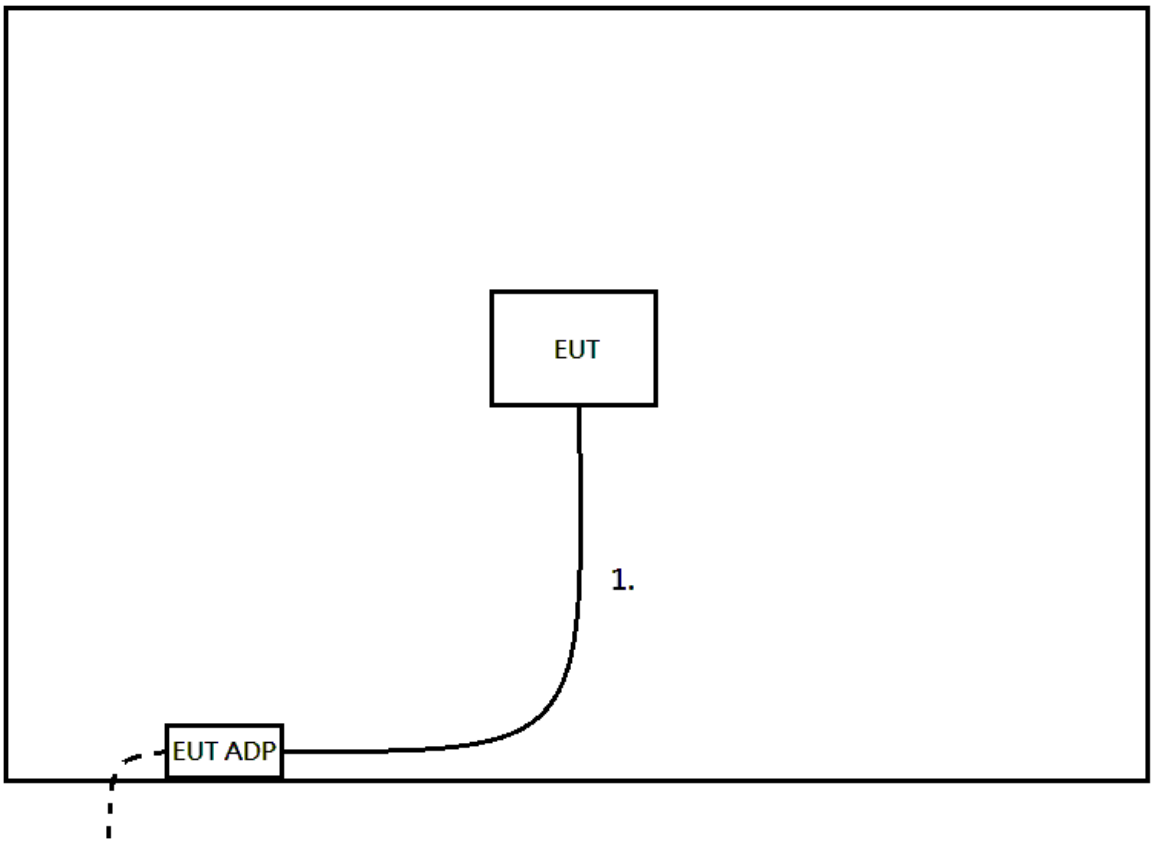
(4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

Test software version	DOS_V6.1.7601		
Frequency (MHz)	2412	2437	2462
802.11b	32/36	36/40	31/35
802.11g	46/46	50/50	45/45
802.11n (20MHz)	38/40	46/48	40/42
Frequency	2422	2437	2452
802.11n (40MHz)	34/36	39/41	28/30

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

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

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	2.95m	Power 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 -0.50	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

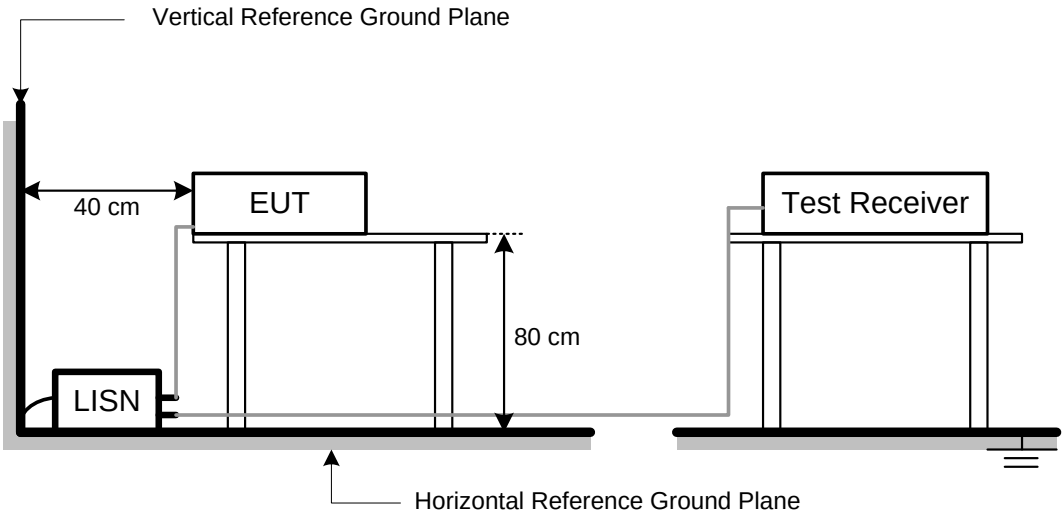
4.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 m 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



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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

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

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

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

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

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	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

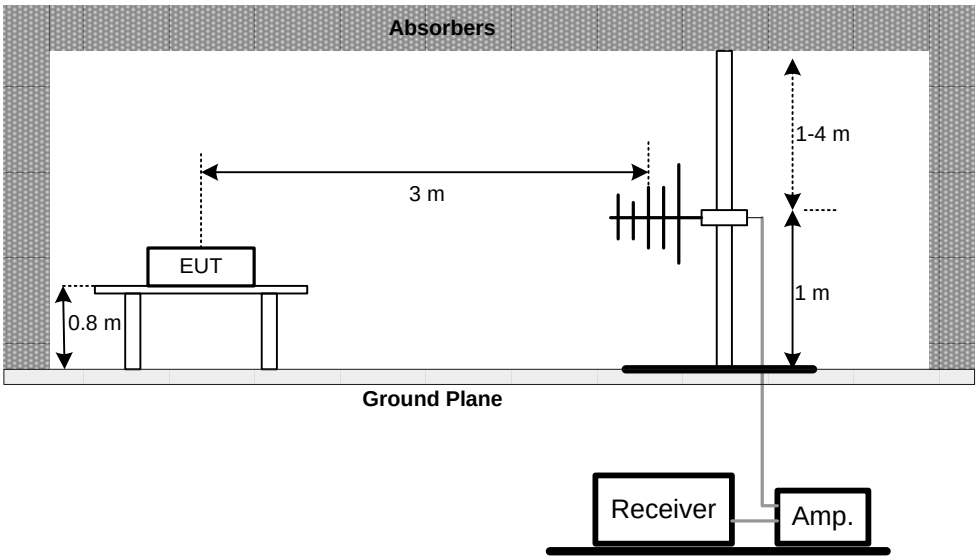
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 m above the ground at a 3 m semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 m above the ground at a 3 m semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m 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.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated 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.
g. 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)
h. 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)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

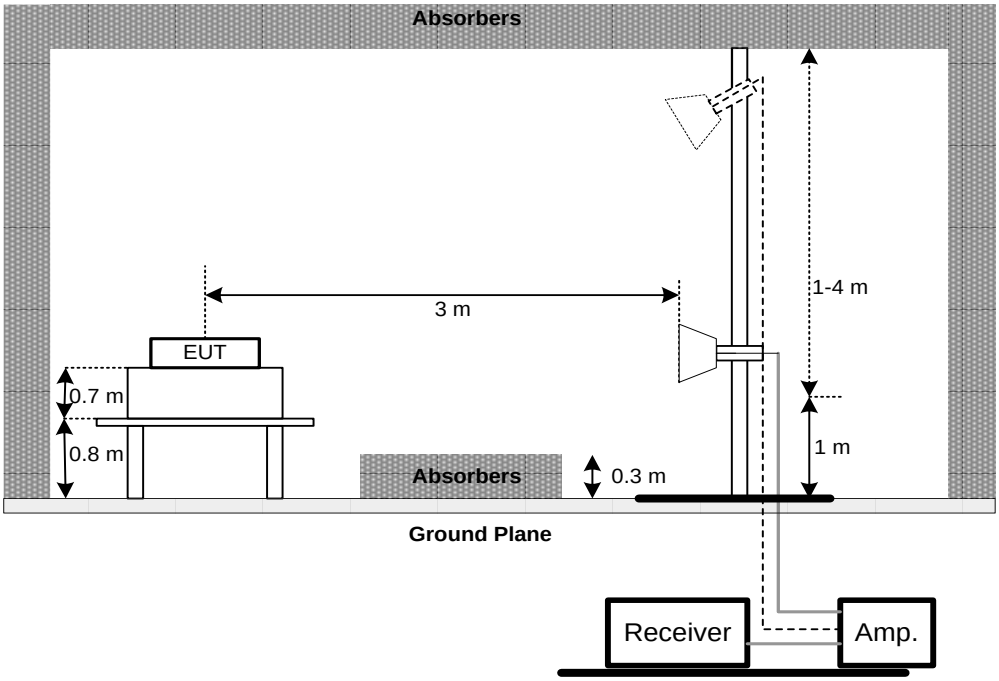
No deviation

4.2.4 TEST SETUP

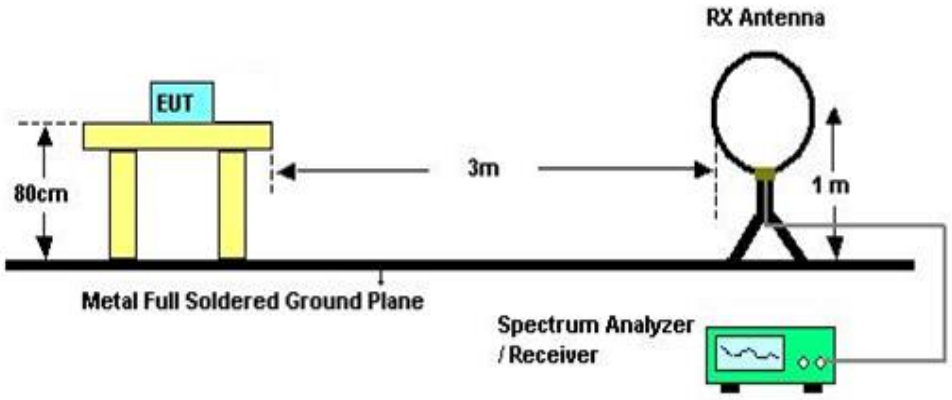
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C / 23°C Relative Humidity: 45% / 70% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

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

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

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

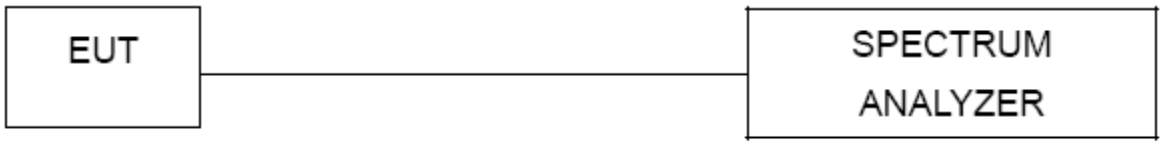
5.1.1 TEST PROCEDURE

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

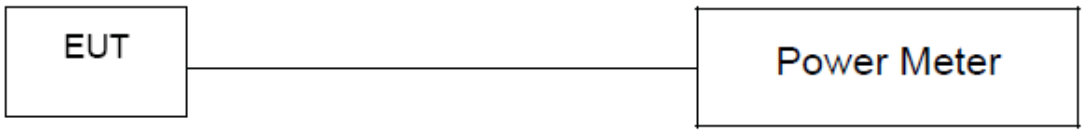
6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance and FCC KDB 662911 D01 Multiple Transmitter Output.

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

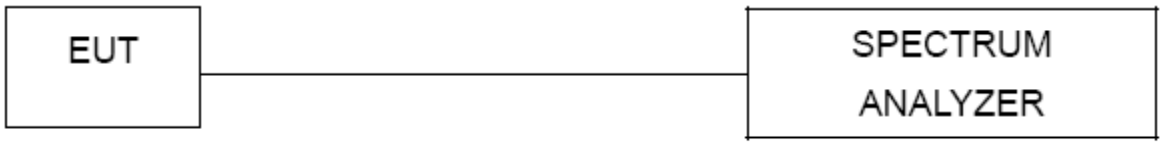
7.1.1 TEST PROCEDURE

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.
c. Offset=antenna gain+cable loss

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

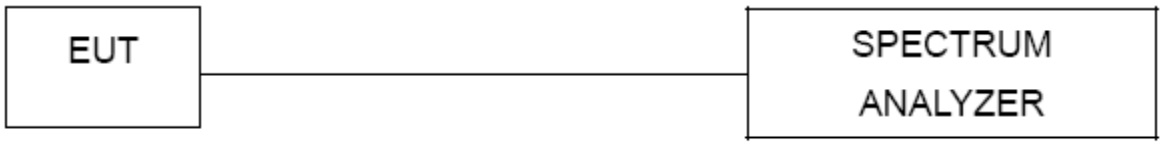
8.1.1 TEST PROCEDURE

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	Jan. 25, 2018
2	Test Cable	TIMES	CFD300-NL	C02	Jun. 15, 2017
3	EMI Test Receiver	R&S	ESR7	101433	Dec. 09, 2017
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Preamplifier	EMCI	012645B	980267	Feb.28,2018
2	Preamplifier	EMCI	EMC02325	980217	Dec.29,2017
3	Test Cable	EMCI	EMC104-SM-SM-8000	8m	Jan.04,2018
4	Test Cable	EMCI	EMC104-SM-SM-800	150207	Jan.04,2018
5	Test Cable	EMCI	EEMC104-SM-SM-3000	151205	Jan.04,2018
6	MXE EMI Receiver	Agilent	N9038A	MY55420127	Jan.09,2018
7	Signal Analyzer	Agilent	N9010A	MY52220990	Feb.22,2018
8	Loop Ant	EMCO	6502	42960	Nov.24,2017
9	Horm Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	Feb.28,2018
10	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-548	Jan.16,2018
11	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0623	Jan.16,2018

6dB Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 26, 2017

Peak Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 25, 2018
2	Power Meter	Anritsu	ML2495A	1128008	Aug. 17, 2017
3	Power Sensor	Anritsu	MA2411B	1126001	Aug. 17, 2017

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 26, 2017

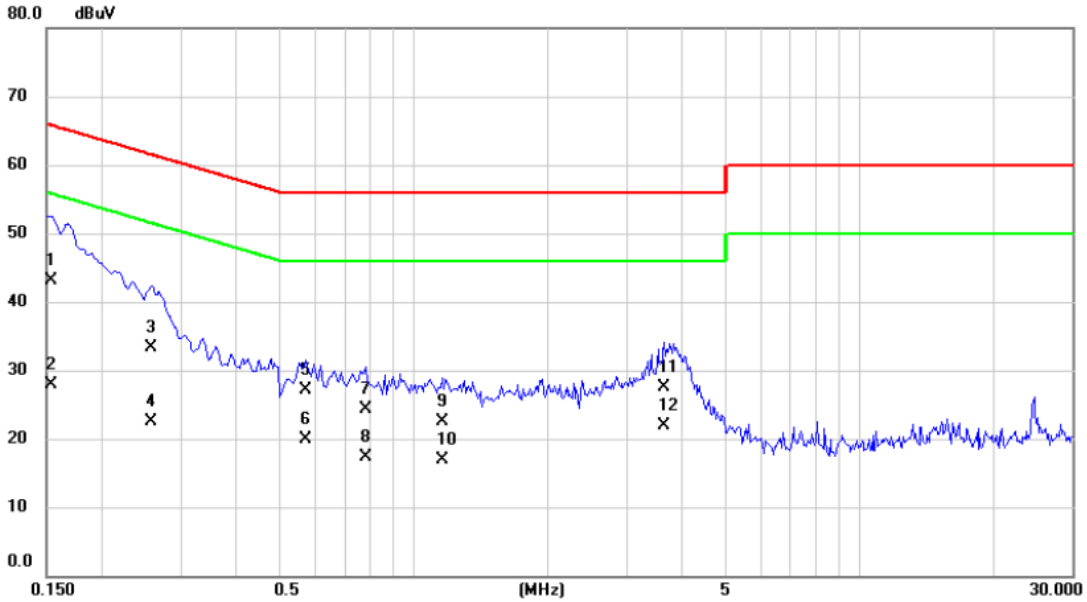
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 26, 2017

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 :	Normal Link

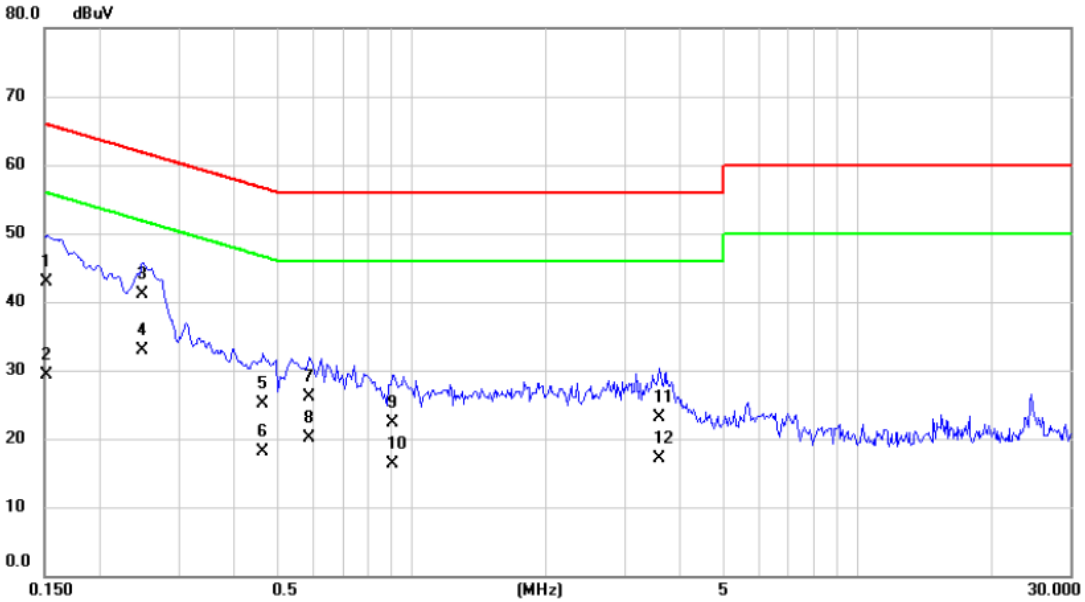
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1535	33.30	9.76	43.06	65.81	-22.75	QP	
2		0.1535	18.10	9.76	27.86	55.81	-27.95	AVG	
3		0.2584	23.50	9.74	33.24	61.48	-28.24	QP	
4		0.2584	12.80	9.74	22.54	51.48	-28.94	AVG	
5		0.5720	17.30	9.75	27.05	56.00	-28.95	QP	
6		0.5720	10.20	9.75	19.95	46.00	-26.05	AVG	
7		0.7790	14.60	9.75	24.35	56.00	-31.65	QP	
8		0.7790	7.60	9.75	17.35	46.00	-28.65	AVG	
9		1.1570	12.70	9.76	22.46	56.00	-33.54	QP	
10		1.1570	7.20	9.76	16.96	46.00	-29.04	AVG	
11		3.6500	17.70	9.85	27.55	56.00	-28.45	QP	
12		3.6500	12.10	9.85	21.95	46.00	-24.05	AVG	

Test Mode :	Normal Link

Neutral

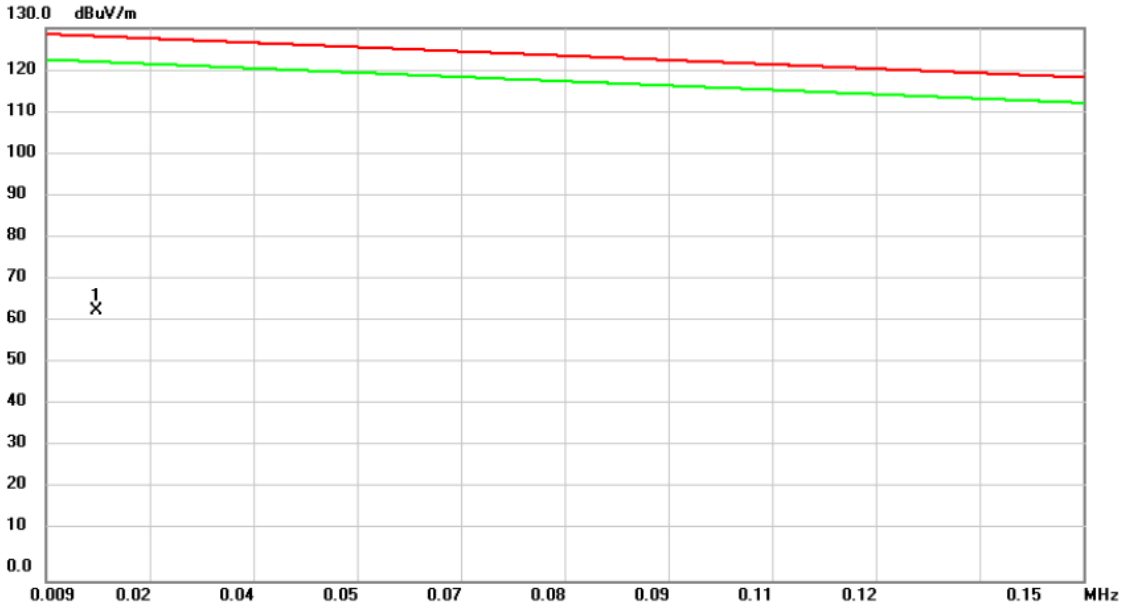


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1521	33.20	9.68	42.88	65.88	-23.00	QP	
2		0.1521	19.60	9.68	29.28	55.88	-26.60	AVG	
3		0.2494	31.50	9.68	41.18	61.78	-20.60	QP	
4	*	0.2494	23.30	9.68	32.98	51.78	-18.80	AVG	
5		0.4636	15.40	9.69	25.09	56.63	-31.54	QP	
6		0.4636	8.40	9.69	18.09	46.63	-28.54	AVG	
7		0.5900	16.40	9.69	26.09	56.00	-29.91	QP	
8		0.5900	10.40	9.69	20.09	46.00	-25.91	AVG	
9		0.9050	12.60	9.70	22.30	56.00	-33.70	QP	
10		0.9050	6.60	9.70	16.30	46.00	-29.70	AVG	
11		3.5960	13.20	9.81	23.01	56.00	-32.99	QP	
12		3.5960	7.30	9.81	17.11	46.00	-28.89	AVG	

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

Test Mode:	TX B MODE CHANNEL 01

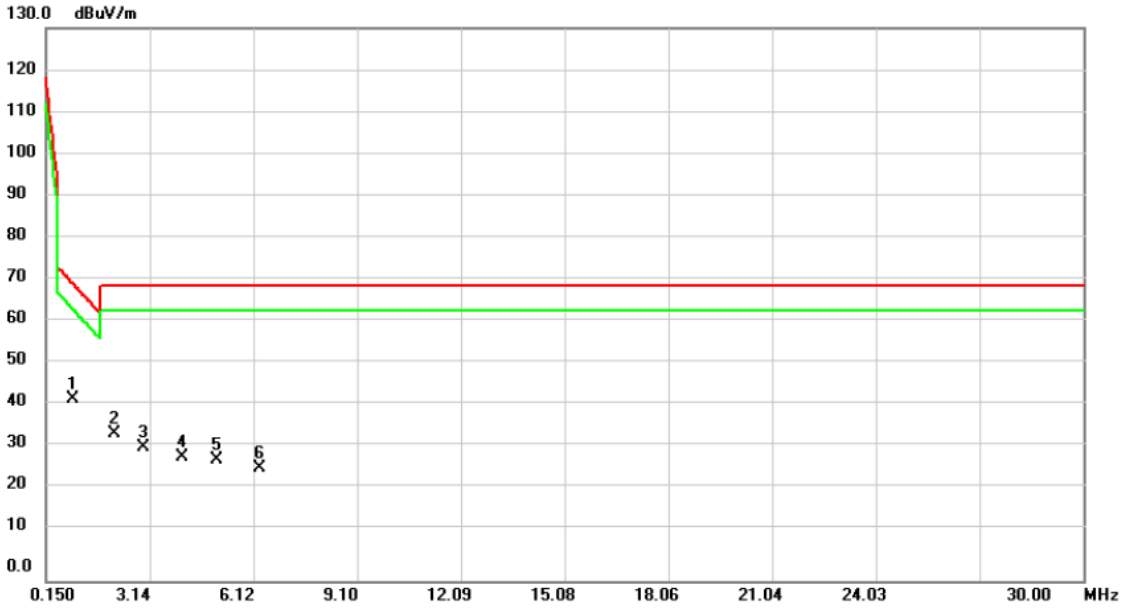
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0158	44.74	18.91	63.65	128.03	-64.38	peak	100	22	

Test Mode:	TX B MODE CHANNEL 01

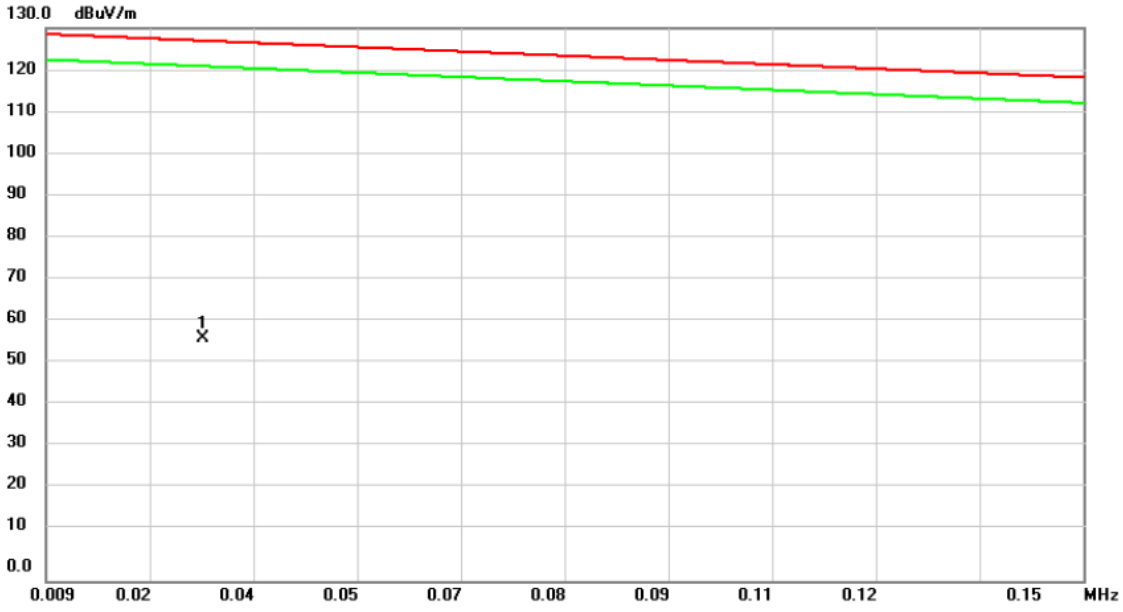
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.9261	30.79	11.97	42.76	69.91	-27.15	peak	100	42	
2		2.1200	23.06	11.50	34.56	69.54	-34.98	peak	100	42	
3		2.9560	20.15	11.12	31.27	69.54	-38.27	peak	100	0	
4		4.0901	17.86	11.26	29.12	69.54	-40.42	peak	100	355	
5		5.0750	16.98	11.40	28.38	69.54	-41.16	peak	100	21	
6		6.2991	15.05	11.37	26.42	69.54	-43.12	peak	100	29	

Test Mode:	TX B MODE CHANNEL 01

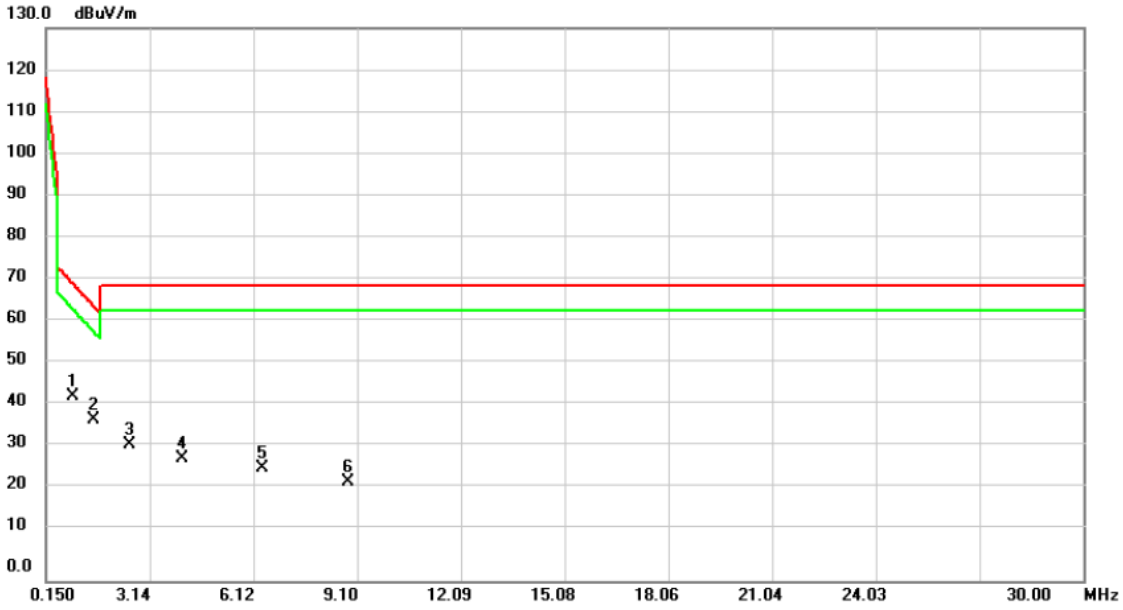
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0303	42.04	14.97	57.01	126.98	-69.97	peak	100	324	

Test Mode:	TX B MODE CHANNEL 01

Ant 90°

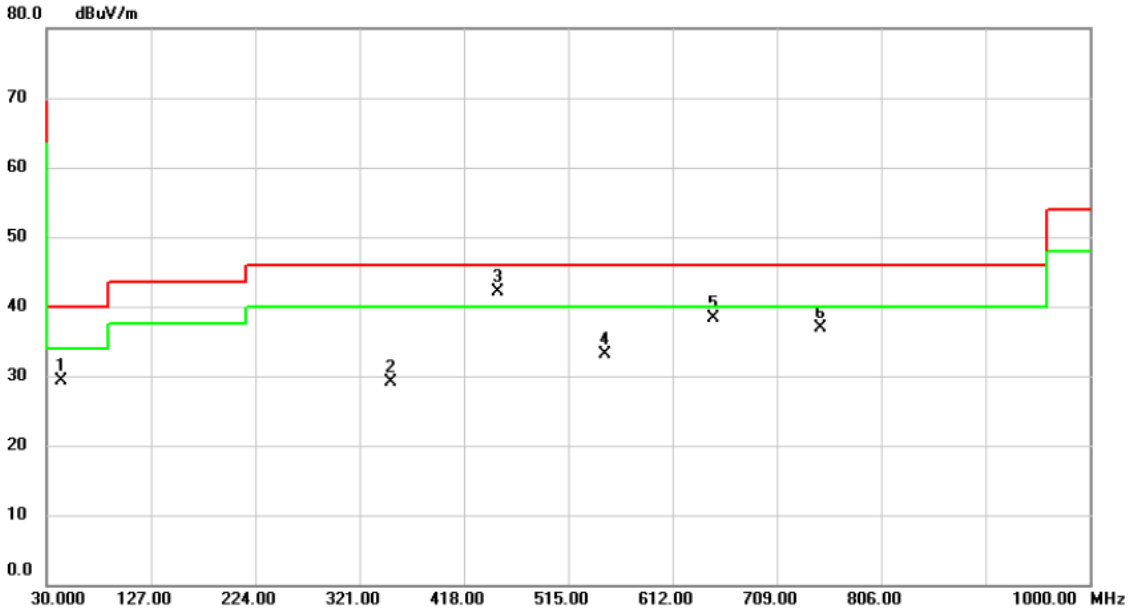


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.9261	31.48	11.97	43.45	69.91	-26.46	peak	100	100	
2		1.5230	26.24	11.76	38.00	64.59	-26.59	peak	100	25	
3		2.5678	20.57	11.29	31.86	69.54	-37.68	peak	100	29	
4		4.0602	17.63	11.26	28.89	69.54	-40.65	peak	100	124	
5		6.3887	15.28	11.37	26.65	69.54	-42.89	peak	100	199	
6		8.8361	12.04	11.32	23.36	69.54	-46.18	peak	100	199	

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

Test Mode:	TX N-40M MODE 2422MHz

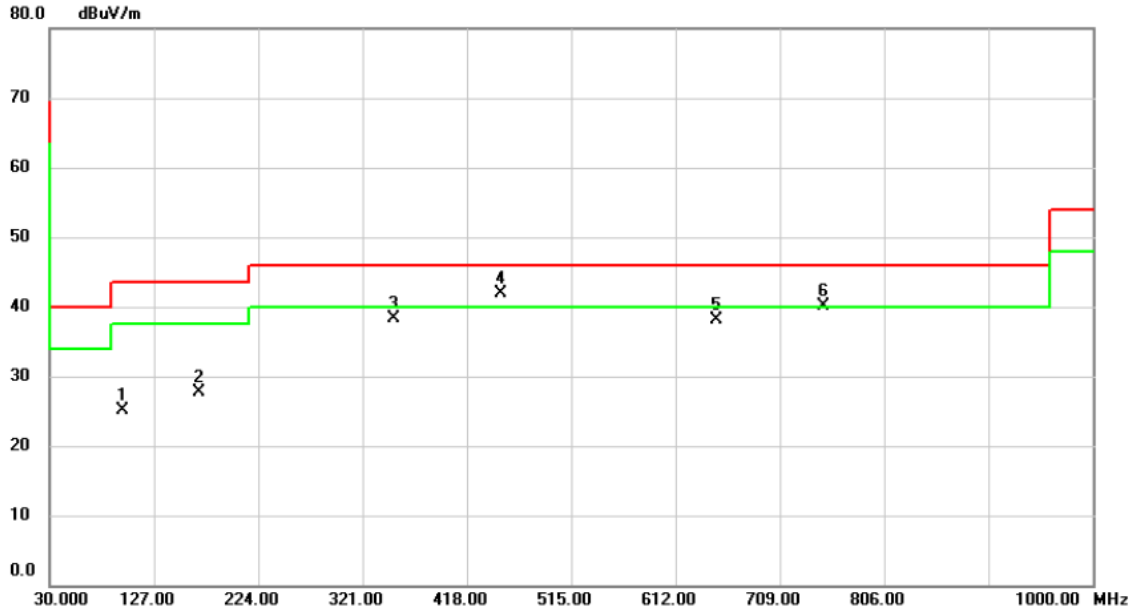
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		43.5800	37.90	-8.56	29.34	40.00	-10.66	peak	100	252	
2		350.1000	35.41	-6.24	29.17	46.00	-16.83	peak	200	224	
3	*	450.0100	45.57	-3.56	42.01	46.00	-3.99	peak	100	244	
4		549.9200	34.82	-1.73	33.09	46.00	-12.91	peak	100	230	
5		649.8300	38.41	-0.03	38.38	46.00	-7.62	peak	100	238	
6		749.7400	35.00	1.88	36.88	46.00	-9.12	peak	222	0	

Test Mode:	TX N-40M MODE 2422MHz

Horizontal

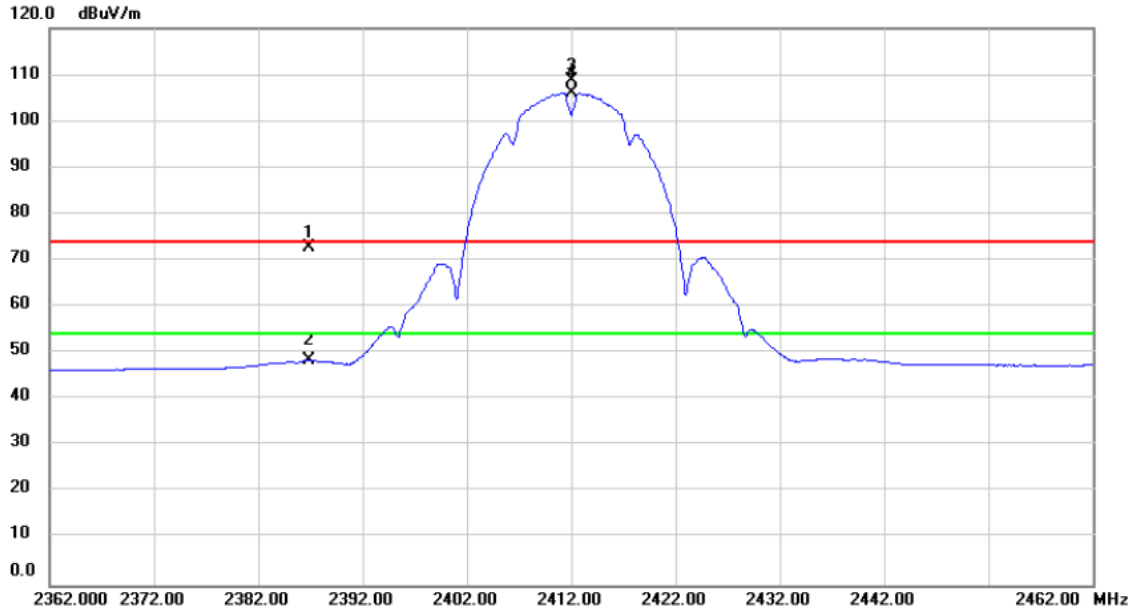


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		97.9000	37.77	-12.57	25.20	43.50	-18.30	peak	300	174	
2		168.7100	36.21	-8.60	27.61	43.50	-15.89	peak	200	132	
3		350.1000	44.51	-6.24	38.27	46.00	-7.73	peak	100	259	
4	*	450.0100	45.48	-3.56	41.92	46.00	-4.08	peak	100	181	
5		649.8300	38.16	-0.03	38.13	46.00	-7.87	peak	129	360	
6	!	749.7400	38.16	1.88	40.04	46.00	-5.96	peak	100	164	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

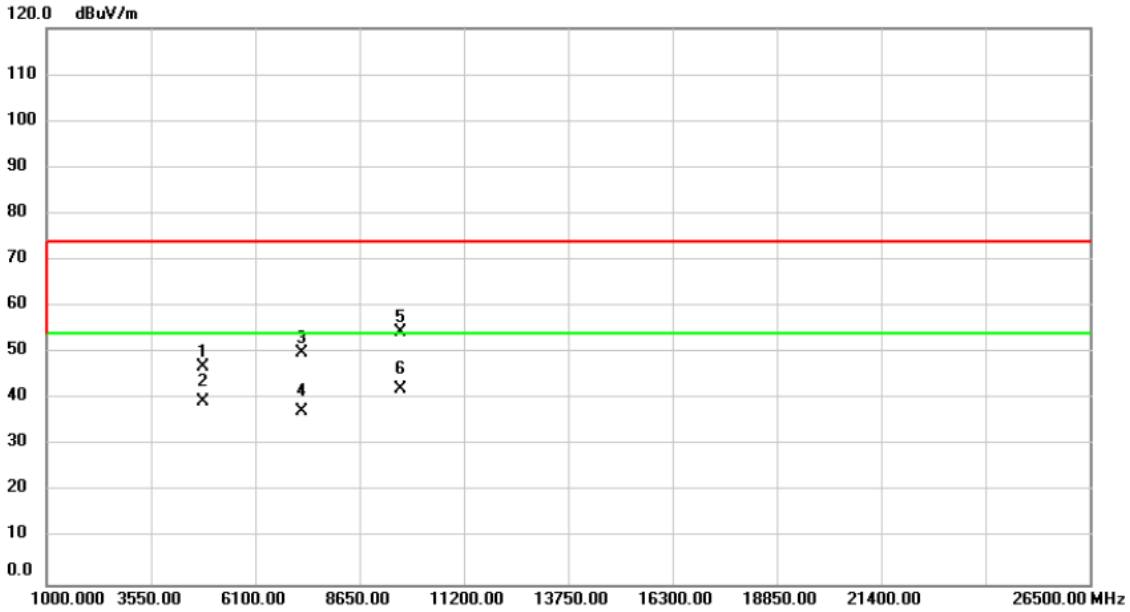
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2386.920	41.69	31.05	72.74	74.00	-1.26	peak	257	286	
2		2386.920	17.34	31.05	48.39	54.00	-5.61	AVG	257	286	
3	X	2412.000	77.49	31.14	108.63	74.00	34.63	peak	257	286	No Limit
4	*	2412.000	75.02	31.14	106.16	54.00	52.16	AVG	257	286	No Limit

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

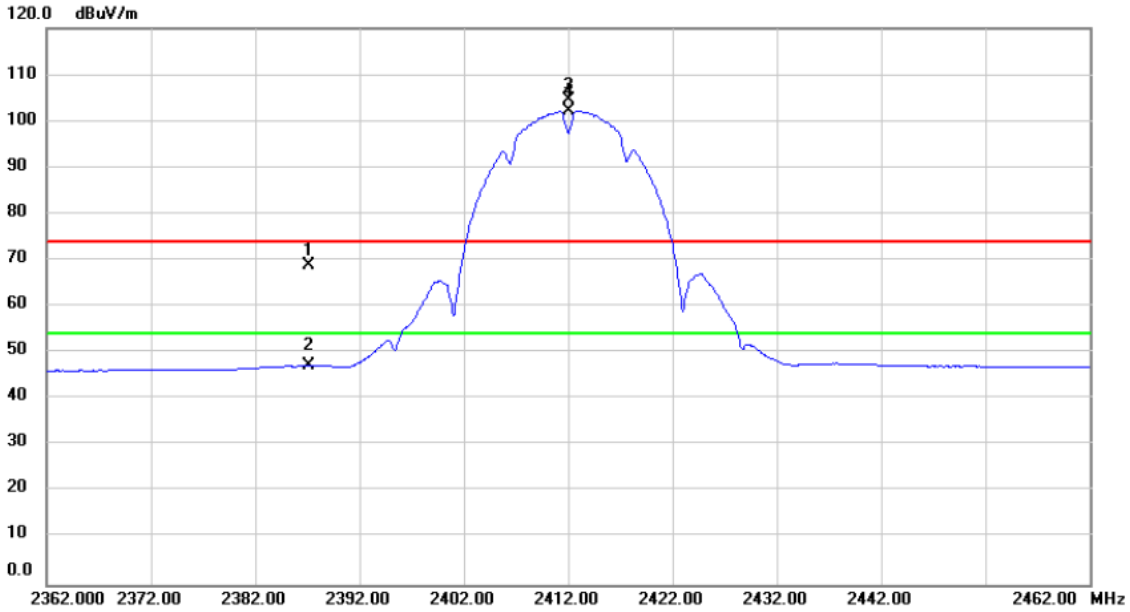
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	58.46	-11.37	47.09	74.00	-26.91	peak	100	106	
2		4824.000	50.85	-11.37	39.48	54.00	-14.52	AVG	100	106	
3		7236.000	55.43	-5.40	50.03	74.00	-23.97	peak	100	359	
4		7236.000	42.60	-5.40	37.20	54.00	-16.80	AVG	100	359	
5		9648.000	53.82	0.53	54.35	74.00	-19.65	peak	381	124	
6	*	9648.000	41.55	0.53	42.08	54.00	-11.92	AVG	381	124	

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

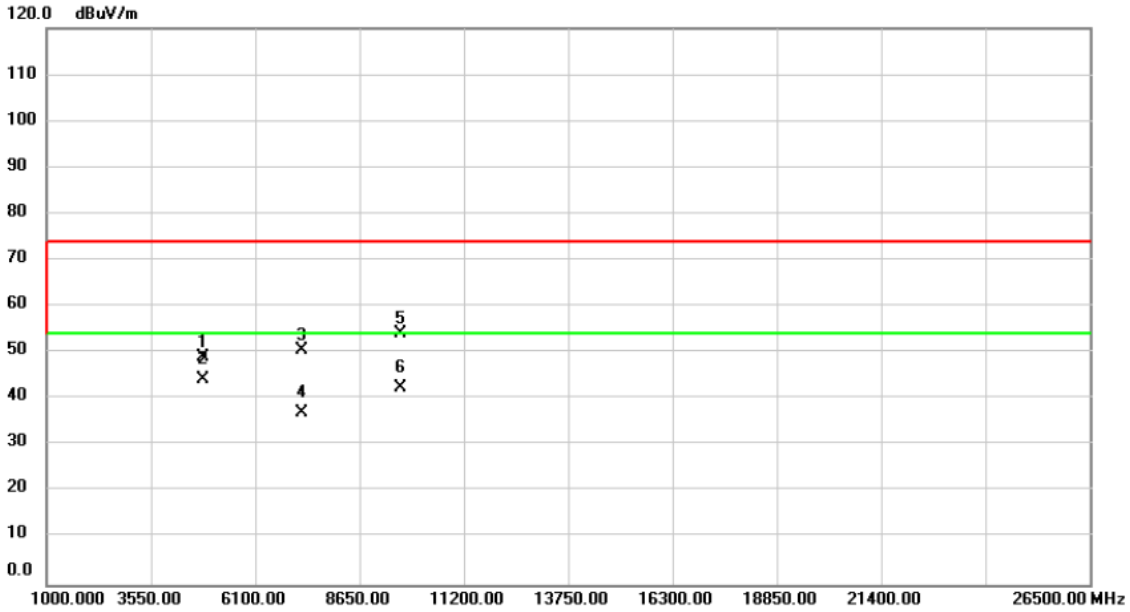
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2387.200	37.95	31.05	69.00	74.00	-5.00	peak	264	305	
2		2387.200	16.35	31.05	47.40	54.00	-6.60	AVG	264	305	
3	X	2412.000	73.54	31.14	104.68	74.00	30.68	peak	264	305	No Limit
4	*	2412.000	71.10	31.14	102.24	54.00	48.24	AVG	264	305	No Limit

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

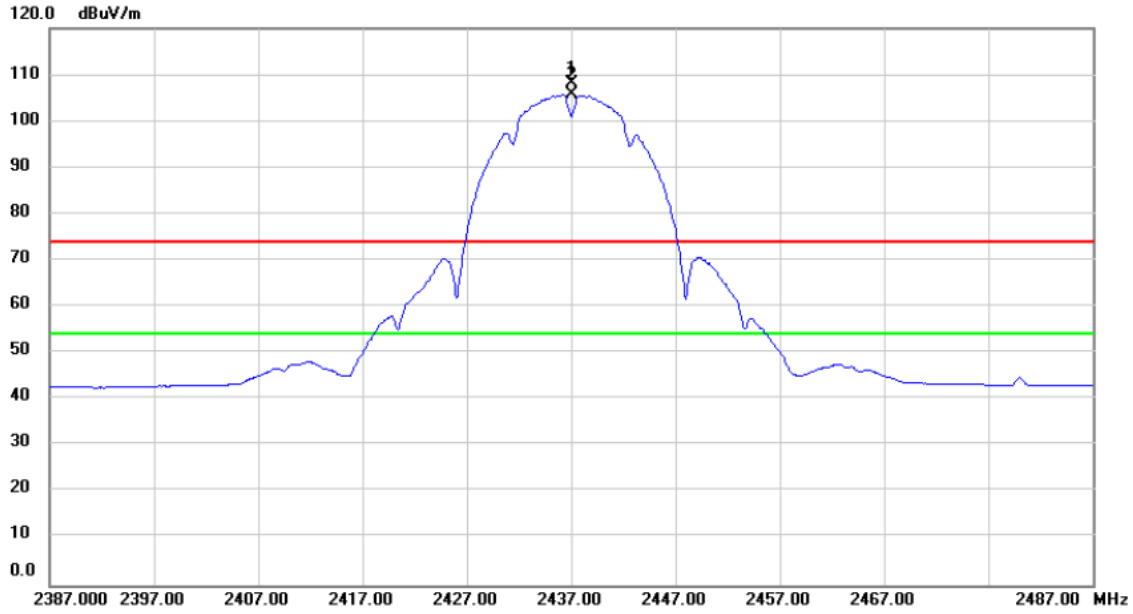
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	60.56	-11.37	49.19	74.00	-24.81	peak	194	275	
2	*	4824.000	55.66	-11.37	44.29	54.00	-9.71	AVG	194	275	
3		7236.000	55.81	-5.40	50.41	74.00	-23.59	peak	101	332	
4		7236.000	42.50	-5.40	37.10	54.00	-16.90	AVG	101	332	
5		9648.000	53.72	0.53	54.25	74.00	-19.75	peak	100	125	
6		9648.000	42.05	0.53	42.58	54.00	-11.42	AVG	100	125	

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

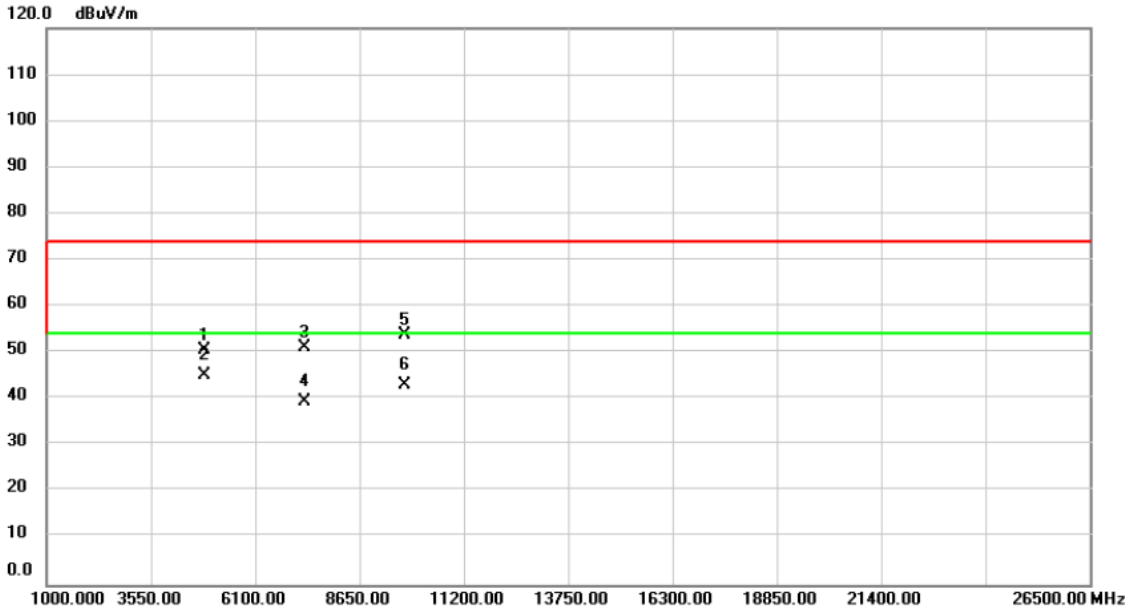
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2437.000	80.98	27.12	108.10	74.00	34.10	peak	260	263	No Limit
2	*	2437.000	78.57	27.12	105.69	54.00	51.69	AVG	260	263	No Limit

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

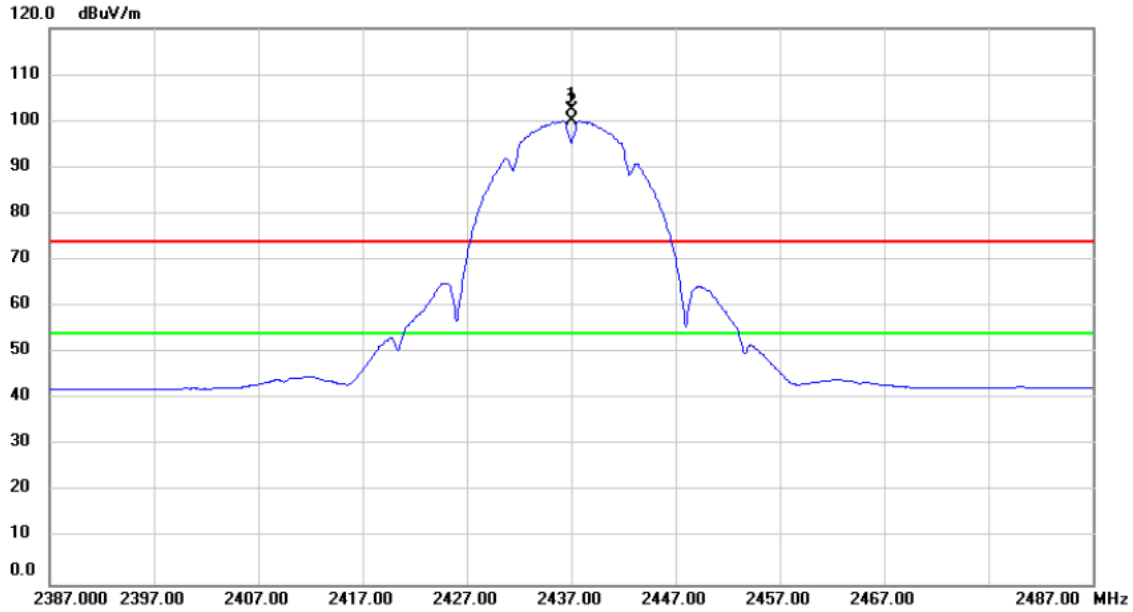
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	61.70	-11.29	50.41	74.00	-23.59	peak	332	317	
2	*	4874.000	56.51	-11.29	45.22	54.00	-8.78	AVG	332	317	
3		7311.000	56.40	-5.13	51.27	74.00	-22.73	peak	100	10	
4		7311.000	44.53	-5.13	39.40	54.00	-14.60	AVG	100	10	
5		9748.000	52.96	0.90	53.86	74.00	-20.14	peak	100	116	
6		9748.000	42.26	0.90	43.16	54.00	-10.84	AVG	100	116	

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

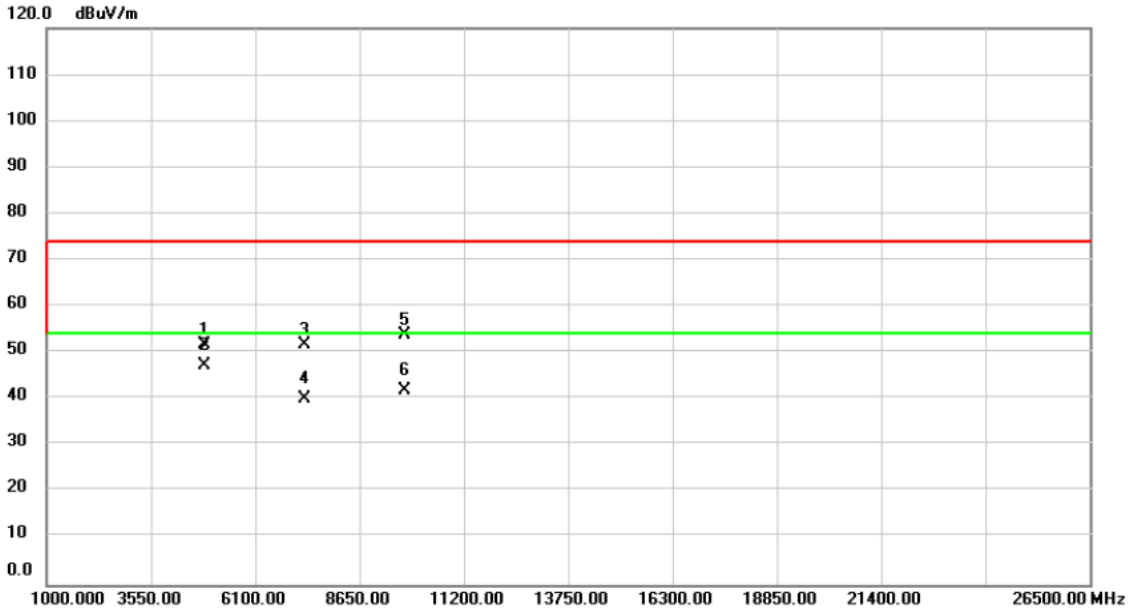
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2437.000	75.37	27.12	102.49	74.00	28.49	peak	104	352	No Limit
2	*	2437.000	72.99	27.12	100.11	54.00	46.11	AVG	104	352	No Limit

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

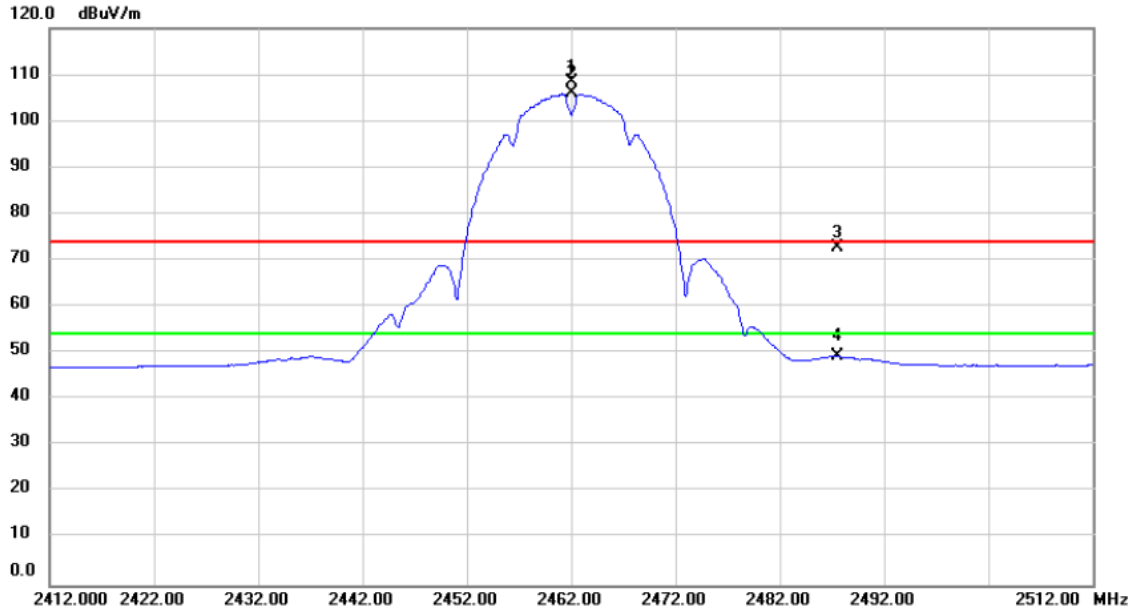
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	63.08	-11.29	51.79	74.00	-22.21	peak	242	203	
2	*	4874.000	58.59	-11.29	47.30	54.00	-6.70	AVG	242	203	
3		7311.000	56.97	-5.13	51.84	74.00	-22.16	peak	100	242	
4		7311.000	45.12	-5.13	39.99	54.00	-14.01	AVG	100	242	
5		9748.000	53.10	0.90	54.00	74.00	-20.00	peak	100	97	
6		9748.000	41.09	0.90	41.99	54.00	-12.01	AVG	100	97	

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

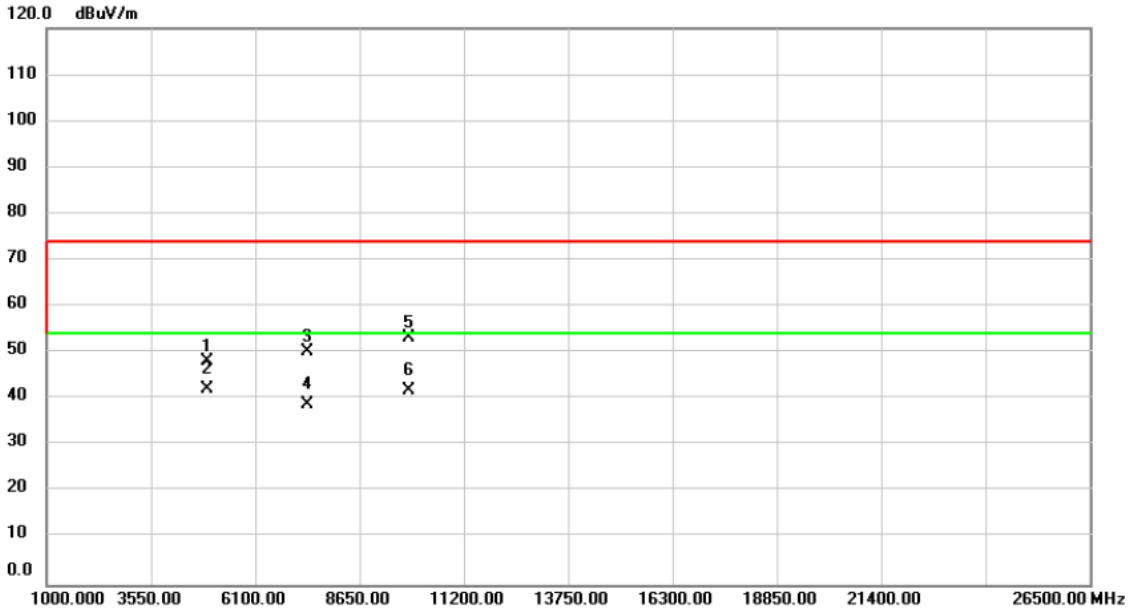
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2462.000	77.03	31.33	108.36	74.00	34.36	peak	287	255	No Limit
2	*	2462.000	74.59	31.33	105.92	54.00	51.92	AVG	287	255	No Limit
3		2487.477	41.43	31.42	72.85	74.00	-1.15	peak	287	255	
4		2487.477	17.89	31.42	49.31	54.00	-4.69	AVG	287	255	

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

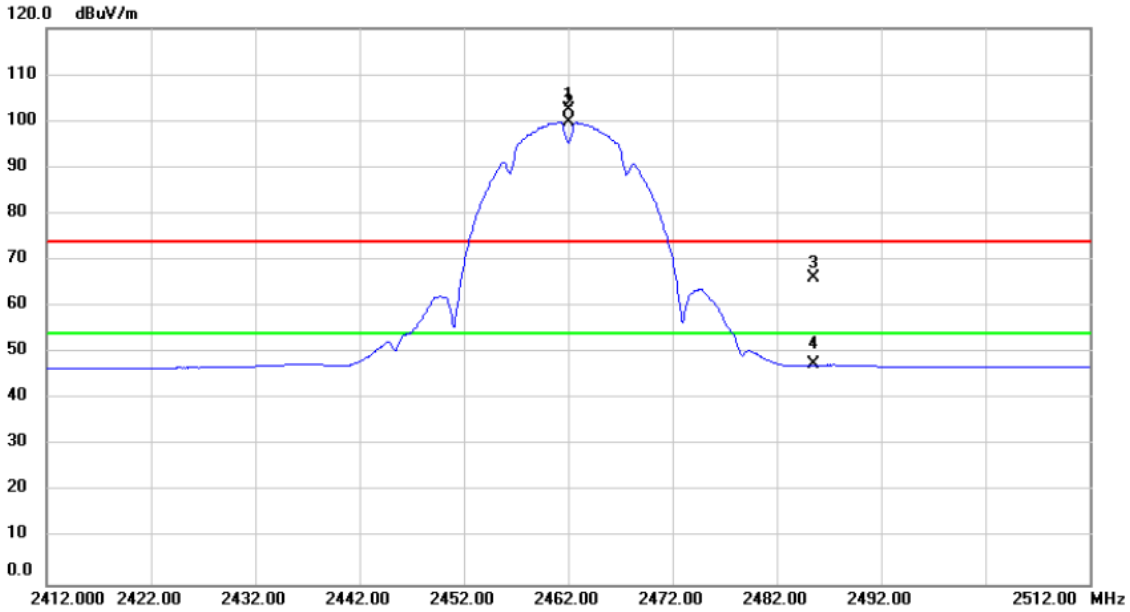
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	59.42	-11.22	48.20	74.00	-25.80	peak	100	107	
2	*	4924.000	53.50	-11.22	42.28	54.00	-11.72	AVG	100	107	
3		7386.000	55.11	-4.87	50.24	74.00	-23.76	peak	100	360	
4		7386.000	43.58	-4.87	38.71	54.00	-15.29	AVG	100	360	
5		9848.000	51.93	1.27	53.20	74.00	-20.80	peak	109	114	
6		9848.000	40.59	1.27	41.86	54.00	-12.14	AVG	109	114	

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

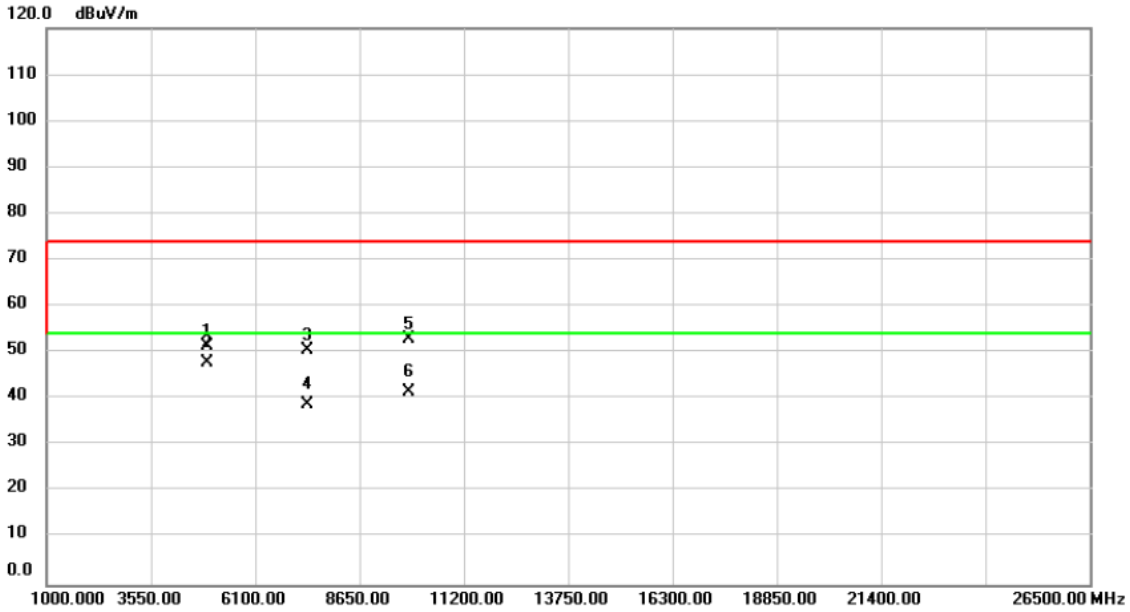
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2462.000	71.00	31.33	102.33	74.00	28.33	peak	103	352	No Limit
2	*	2462.000	68.51	31.33	99.84	54.00	45.84	AVG	103	352	No Limit
3		2485.530	34.87	31.42	66.29	74.00	-7.71	peak	103	352	
4		2485.530	16.02	31.42	47.44	54.00	-6.56	AVG	103	352	

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

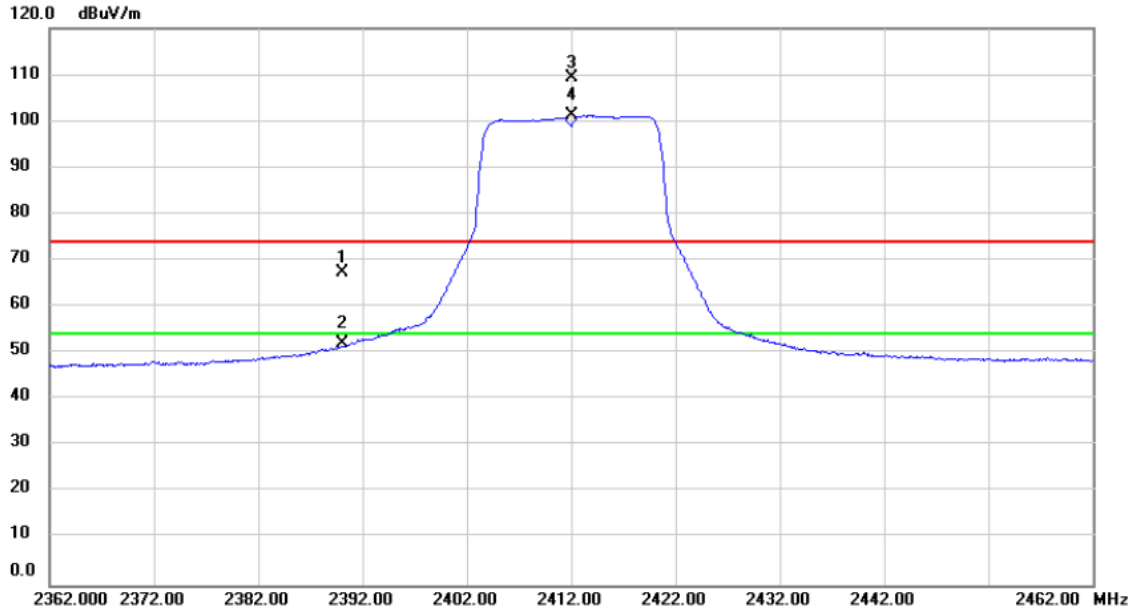
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	62.64	-11.22	51.42	74.00	-22.58	peak	187	198	
2	*	4924.000	58.94	-11.22	47.72	54.00	-6.28	AVG	187	198	
3		7386.000	55.51	-4.87	50.64	74.00	-23.36	peak	100	35	
4		7386.000	43.61	-4.87	38.74	54.00	-15.26	AVG	100	35	
5		9848.000	51.63	1.27	52.90	74.00	-21.10	peak	101	89	
6		9848.000	40.41	1.27	41.68	54.00	-12.32	AVG	101	89	

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

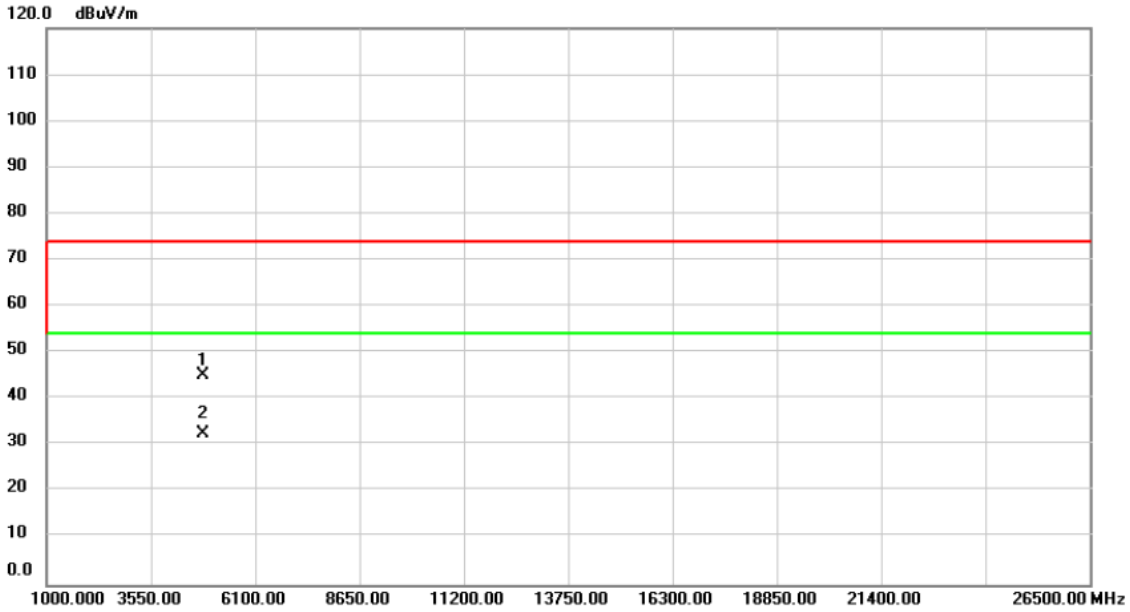
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	36.24	31.06	67.30	74.00	-6.70	peak	215	305	
2		2390.000	20.92	31.06	51.98	54.00	-2.02	AVG	215	305	
3	X	2412.000	78.15	31.14	109.29	74.00	35.29	peak	215	305	No Limit
4	*	2412.000	70.06	31.14	101.20	54.00	47.20	AVG	215	305	No Limit

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

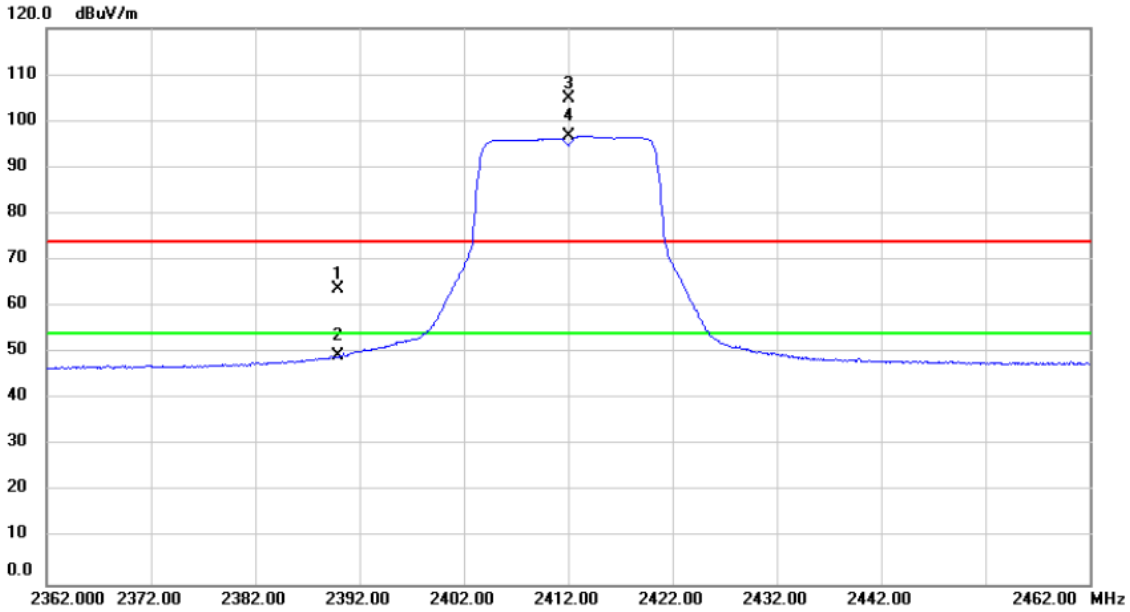
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	56.59	-11.37	45.22	74.00	-28.78	peak	132	238	
2	*	4824.000	44.00	-11.37	32.63	54.00	-21.37	AVG	132	238	

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

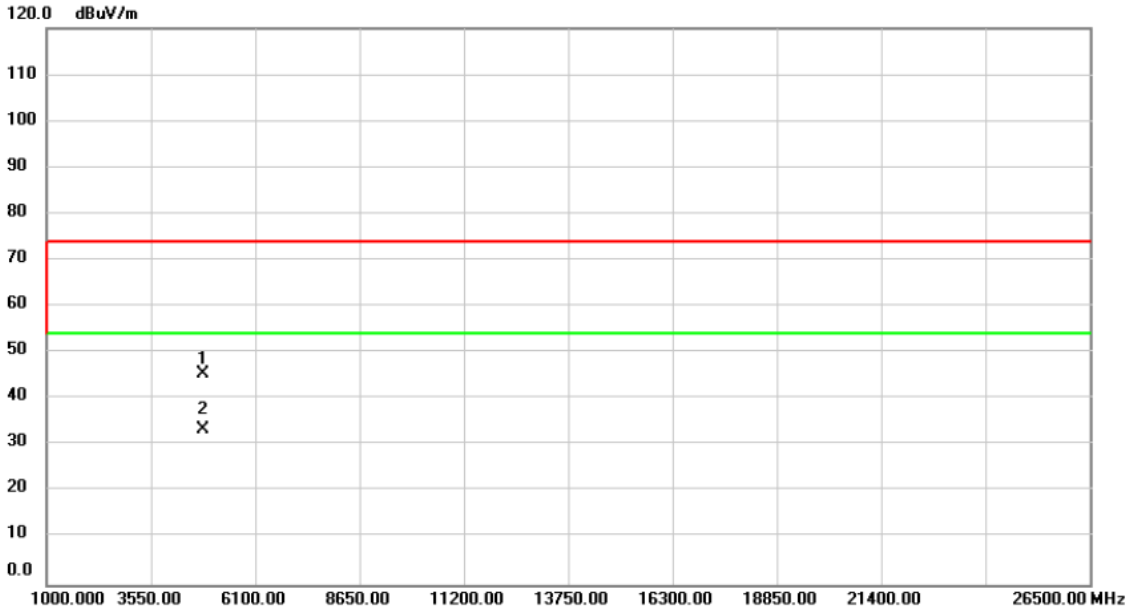
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2389.972	32.60	31.06	63.66	74.00	-10.34	peak	272	19	
2		2389.972	18.30	31.06	49.36	54.00	-4.64	AVG	272	19	
3	X	2412.000	73.81	31.14	104.95	74.00	30.95	peak	272	19	No Limit
4	*	2412.000	65.68	31.14	96.82	54.00	42.82	AVG	272	19	No Limit

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

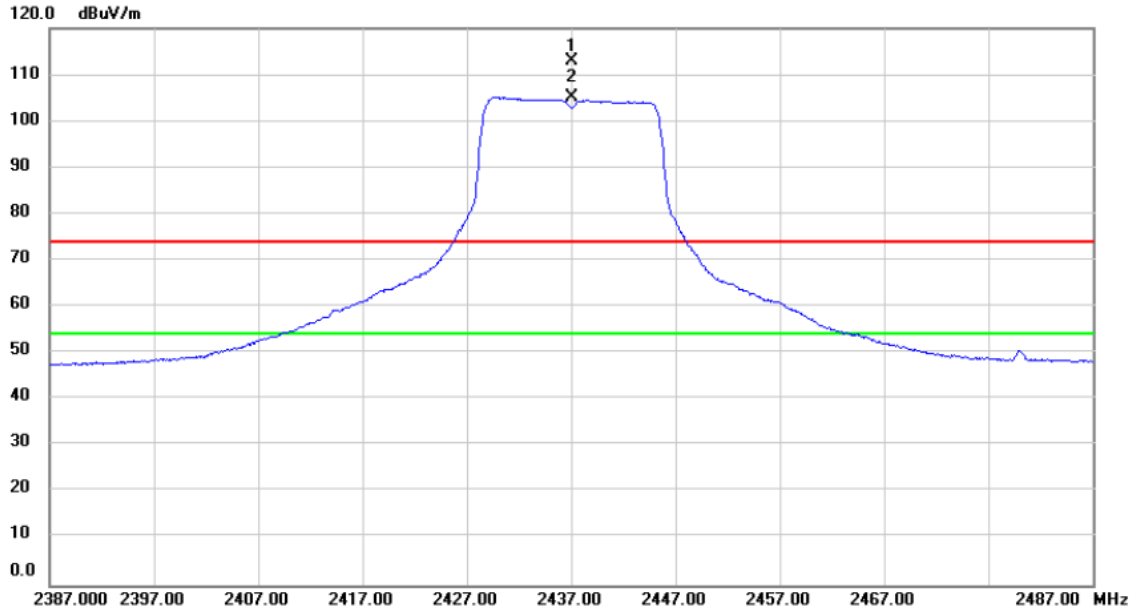
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	56.71	-11.37	45.34	74.00	-28.66	peak	100	342	
2	*	4824.000	44.78	-11.37	33.41	54.00	-20.59	AVG	100	342	

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

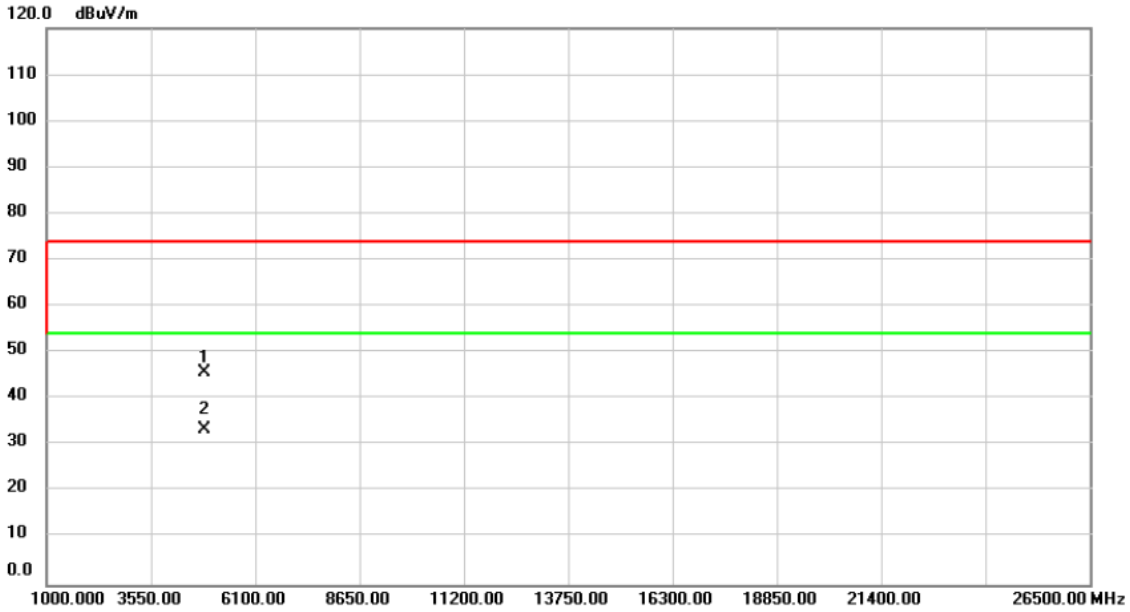
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2437.000	81.86	31.23	113.09	74.00	39.09	peak	257	261	No Limit
2	*	2437.000	73.89	31.23	105.12	54.00	51.12	AVG	257	261	No Limit

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

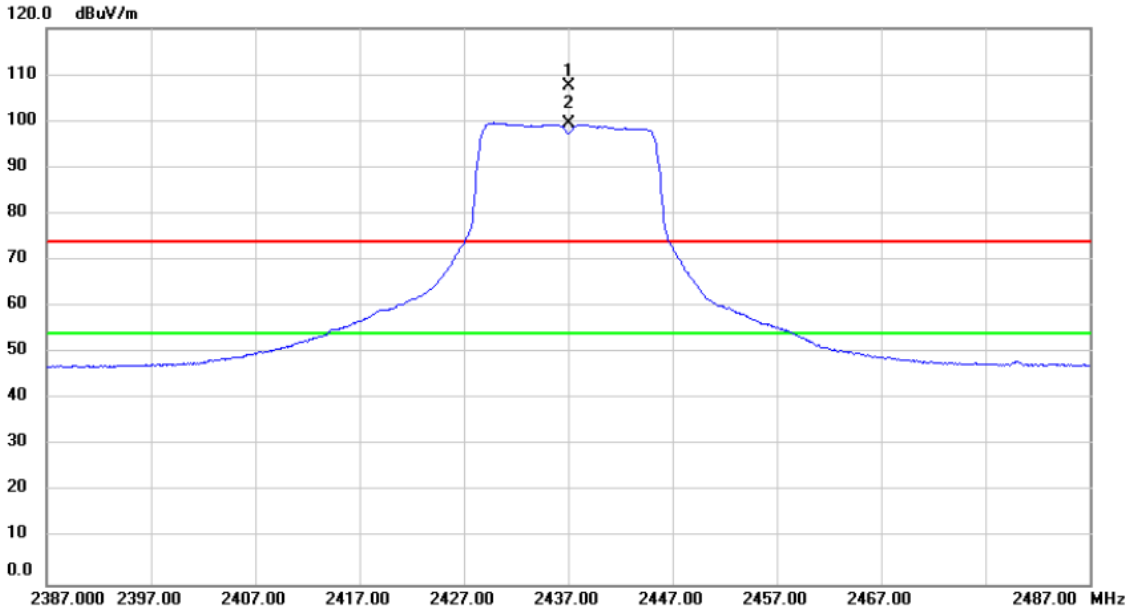
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	57.19	-11.29	45.90	74.00	-28.10	peak	200	113	
2	*	4874.000	44.72	-11.29	33.43	54.00	-20.57	AVG	200	113	

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

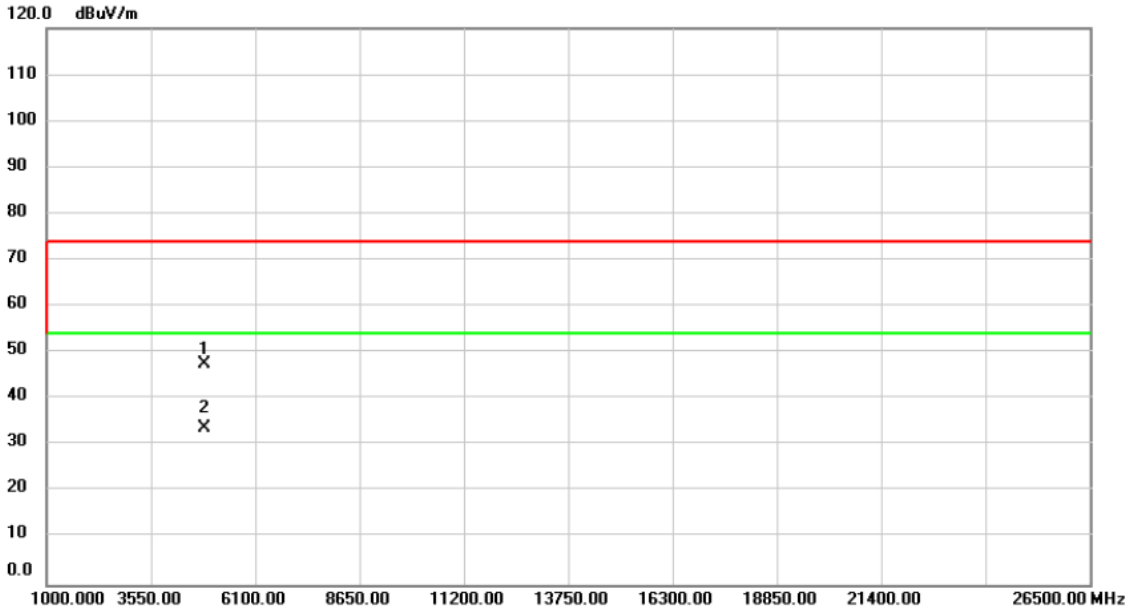
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2437.000	76.40	31.23	107.63	74.00	33.63	peak	104	351	No Limit
2	*	2437.000	68.37	31.23	99.60	54.00	45.60	AVG	104	351	No Limit

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

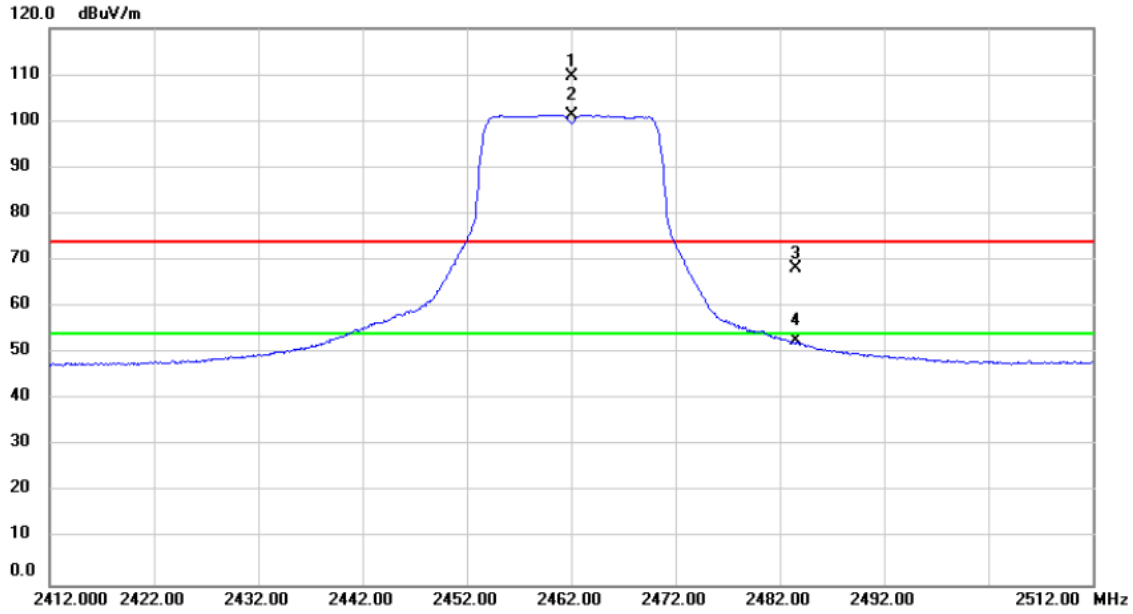
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	58.88	-11.29	47.59	74.00	-26.41	peak	219	277	
2	*	4874.000	45.04	-11.29	33.75	54.00	-20.25	AVG	219	277	

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

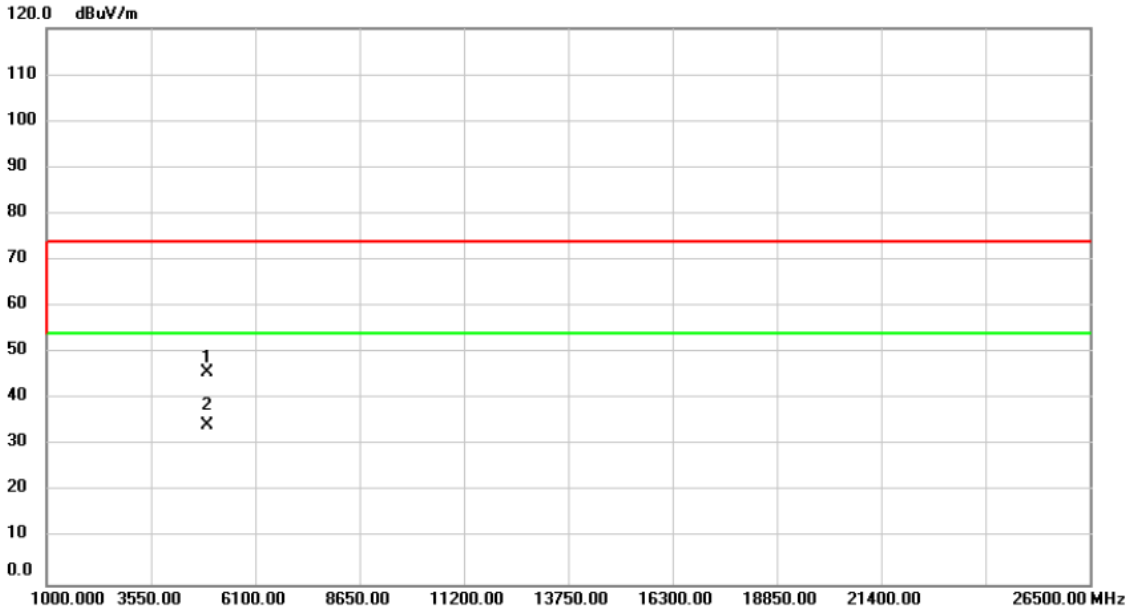
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2462.000	78.37	31.33	109.70	74.00	35.70	peak	246	253	No Limit
2	*	2462.000	70.06	31.33	101.39	54.00	47.39	AVG	246	253	No Limit
3		2483.500	36.76	31.41	68.17	74.00	-5.83	peak	246	253	
4		2483.500	21.31	31.41	52.72	54.00	-1.28	AVG	246	253	

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

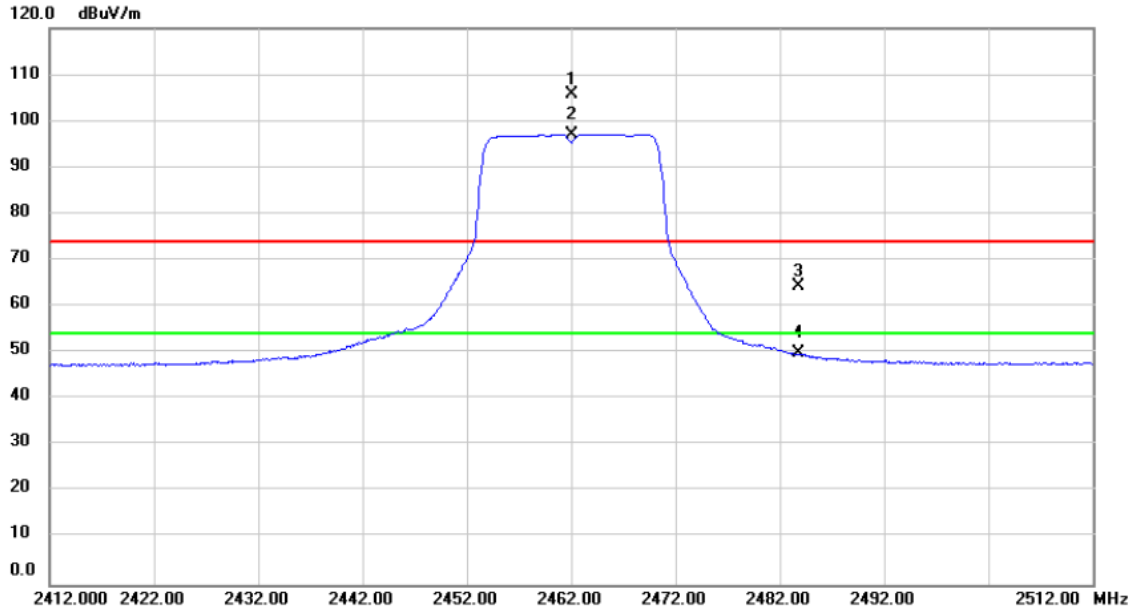
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	57.09	-11.22	45.87	74.00	-28.13	peak	260	17	
2	*	4924.000	45.44	-11.22	34.22	54.00	-19.78	AVG	260	17	

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

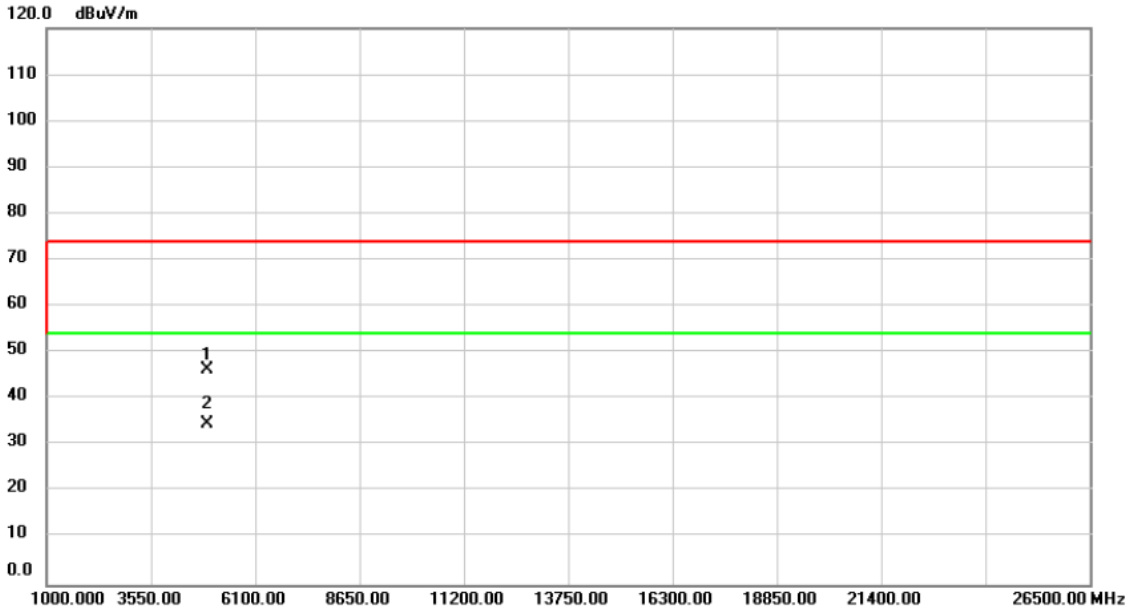
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2462.000	74.44	31.33	105.77	74.00	31.77	peak	258	311	No Limit
2	*	2462.000	65.83	31.33	97.16	54.00	43.16	AVG	258	311	No Limit
3		2483.847	32.79	31.41	64.20	74.00	-9.80	peak	258	311	
4		2483.847	18.59	31.41	50.00	54.00	-4.00	AVG	258	311	

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

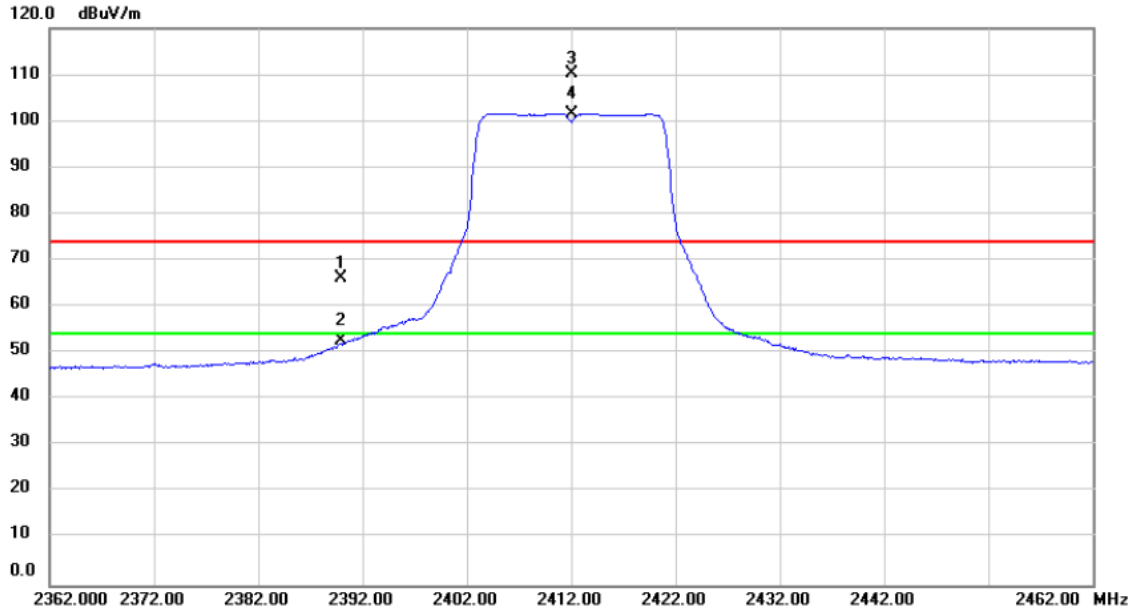
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	57.65	-11.22	46.43	74.00	-27.57	peak	100	73	
2	*	4924.000	45.81	-11.22	34.59	54.00	-19.41	AVG	100	73	

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

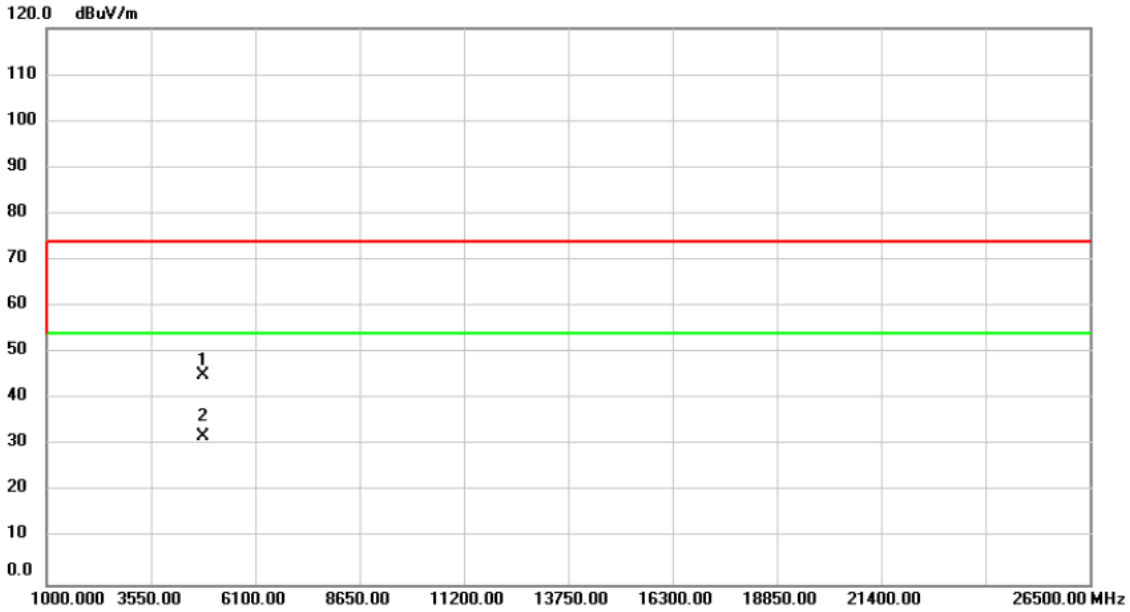
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2389.972	35.08	31.06	66.14	74.00	-7.86	peak	250	77	
2		2389.972	21.60	31.06	52.66	54.00	-1.34	AVG	250	77	
3	X	2412.000	79.03	31.14	110.17	74.00	36.17	peak	252	4	No Limit
4	*	2412.000	70.52	31.14	101.66	54.00	47.66	AVG	252	4	No Limit

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

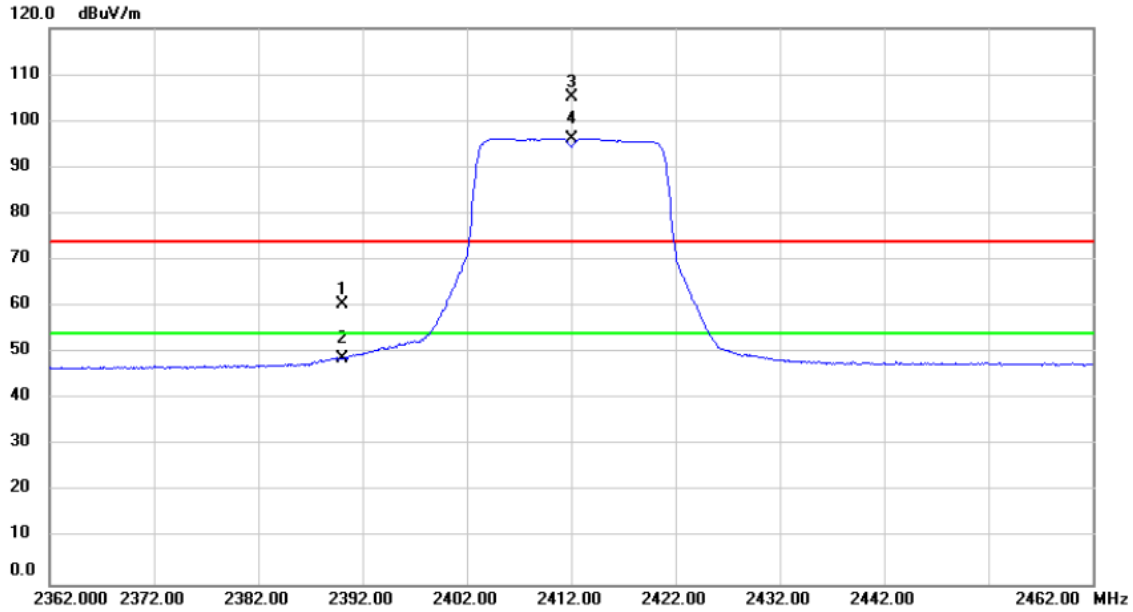
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	56.64	-11.37	45.27	74.00	-28.73	peak	143	286	
2	*	4824.000	43.25	-11.37	31.88	54.00	-22.12	AVG	143	286	

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

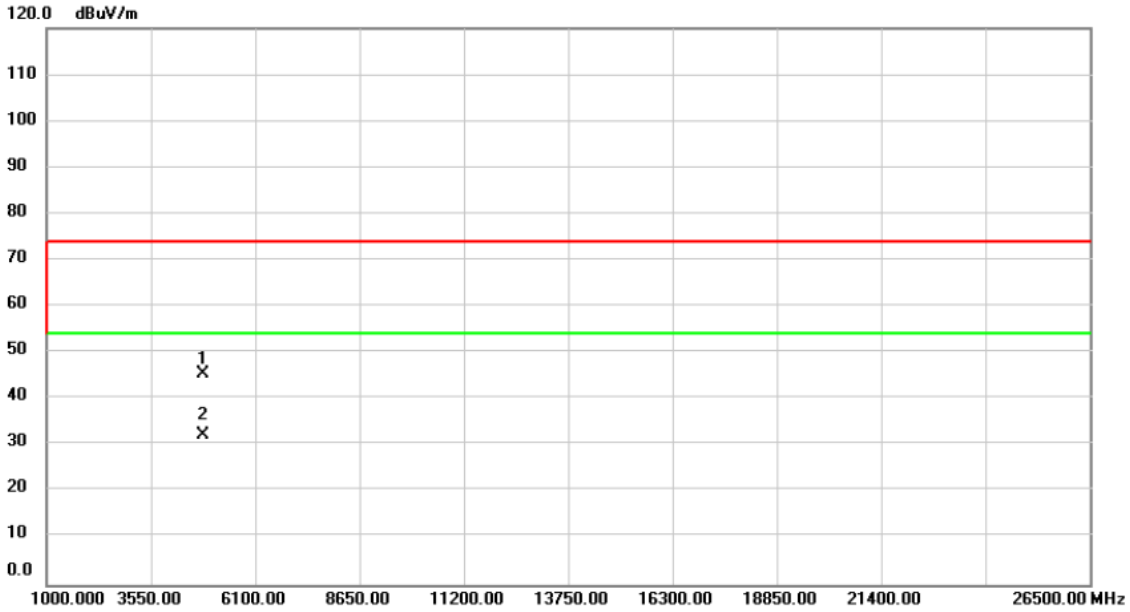
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	29.41	31.06	60.47	74.00	-13.53	peak	104	360	
2		2390.000	17.77	31.06	48.83	54.00	-5.17	AVG	104	360	
3	X	2412.000	73.92	31.14	105.06	74.00	31.06	peak	328	354	No Limit
4	*	2412.000	65.13	31.14	96.27	54.00	42.27	AVG	328	354	No Limit

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

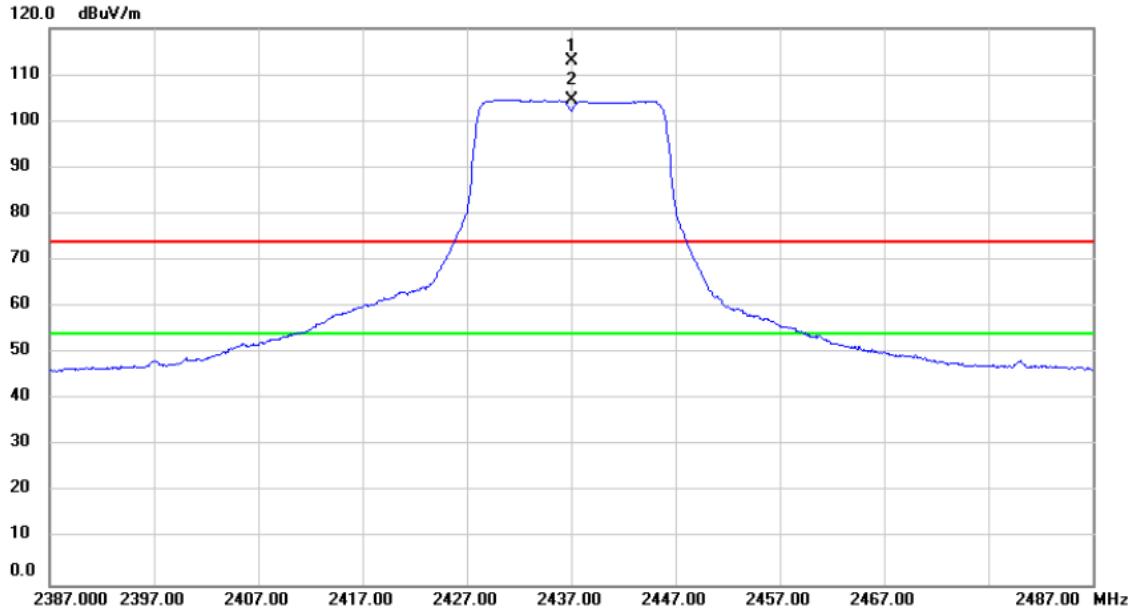
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	56.76	-11.37	45.39	74.00	-28.61	peak	102	351	
2	*	4824.000	43.67	-11.37	32.30	54.00	-21.70	AVG	102	351	

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

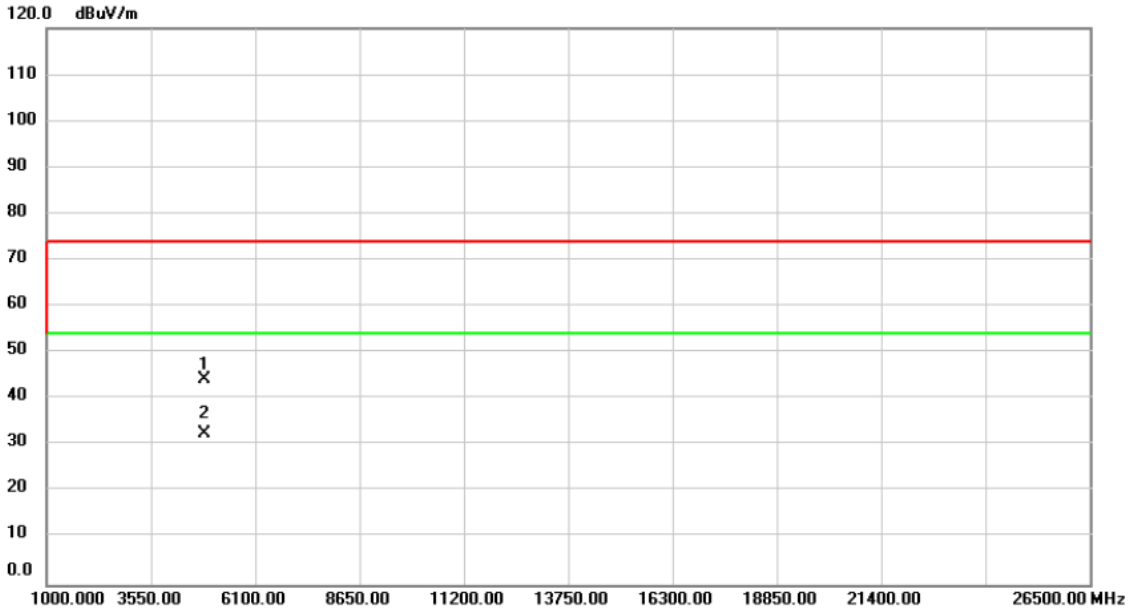
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2437.000	81.68	31.23	112.91	74.00	38.91	peak	100	350	No Limit
2	*	2437.000	73.40	31.23	104.63	54.00	50.63	AVG	100	350	No Limit

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

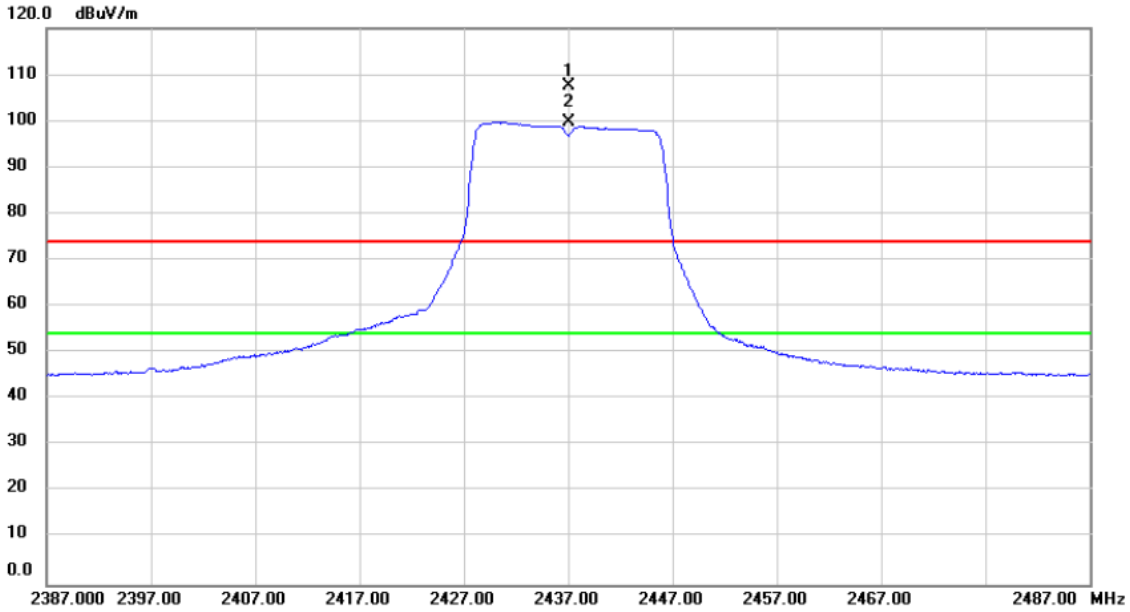
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	55.53	-11.29	44.24	74.00	-29.76	peak	264	247	
2	*	4874.000	43.98	-11.29	32.69	54.00	-21.31	AVG	264	247	

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

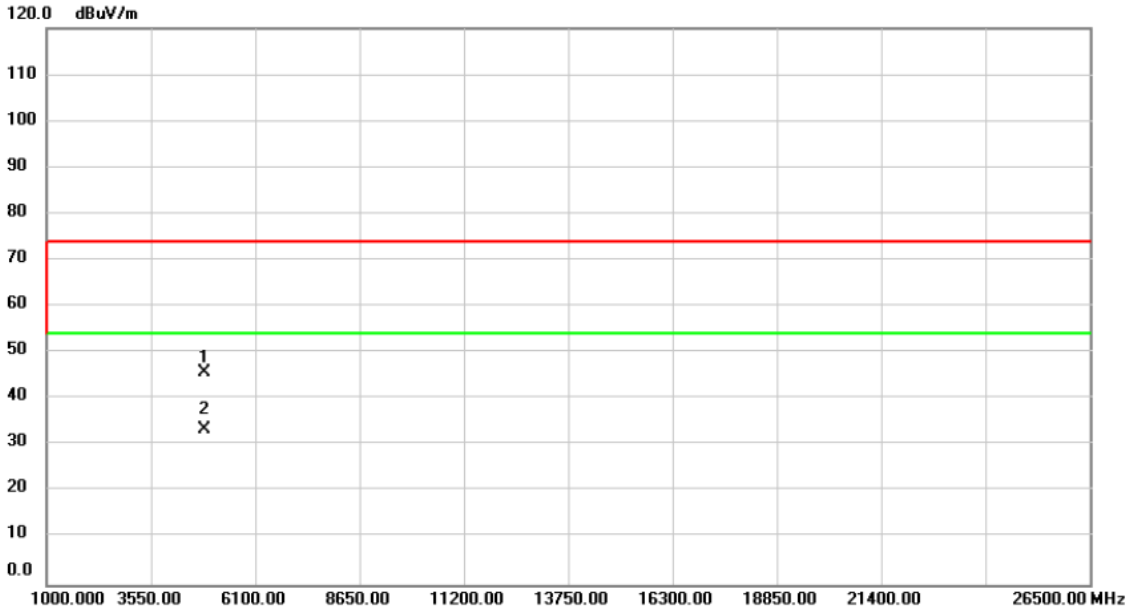
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2437.000	76.39	31.23	107.62	74.00	33.62	peak	151	3	No Limit
2	*	2437.000	68.58	31.23	99.81	54.00	45.81	AVG	151	3	No Limit

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

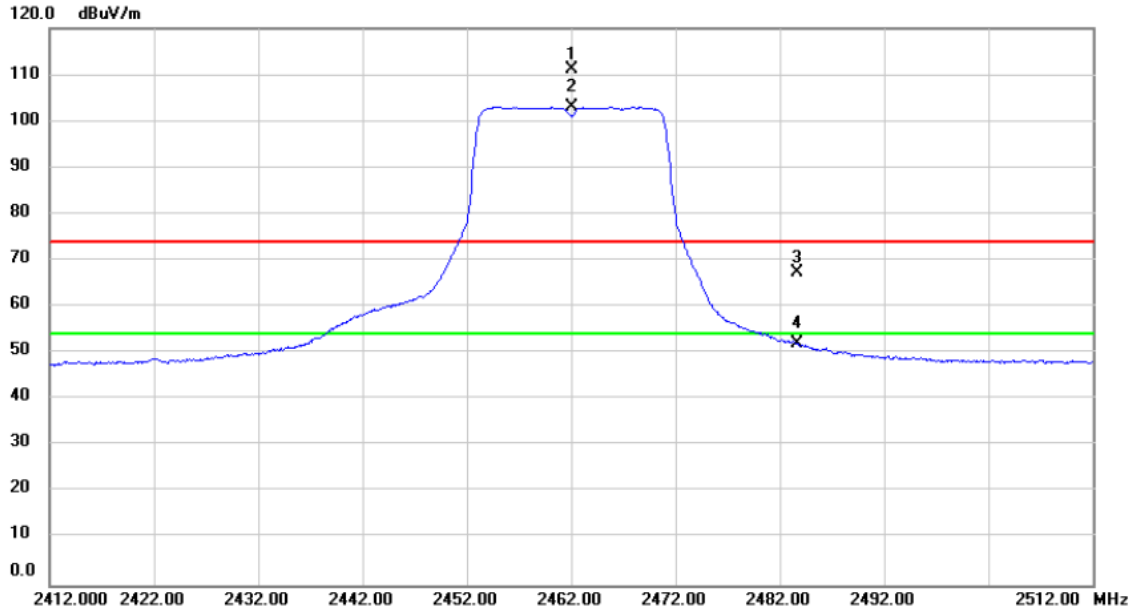
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	57.10	-11.29	45.81	74.00	-28.19	peak	103	102	
2	*	4874.000	44.60	-11.29	33.31	54.00	-20.69	AVG	103	102	

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

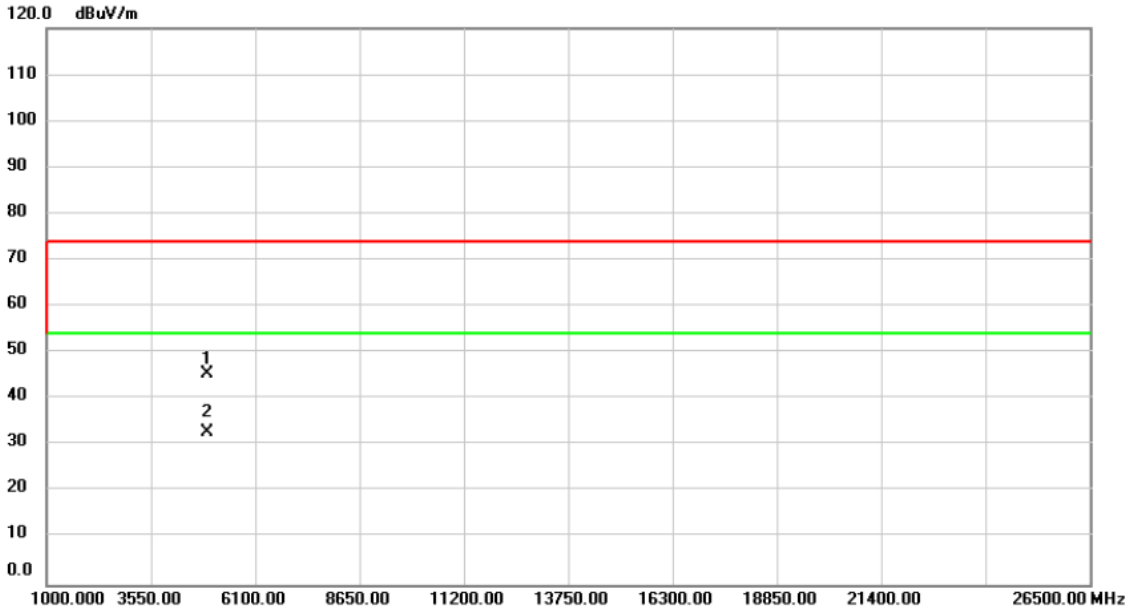
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2462.000	79.75	31.33	111.08	74.00	37.08	peak	271	2	No Limit
2	*	2462.000	71.74	31.33	103.07	54.00	49.07	AVG	271	2	No Limit
3		2483.665	35.81	31.41	67.22	74.00	-6.78	peak	232	353	
4		2483.665	20.67	31.41	52.08	54.00	-1.92	AVG	232	353	

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

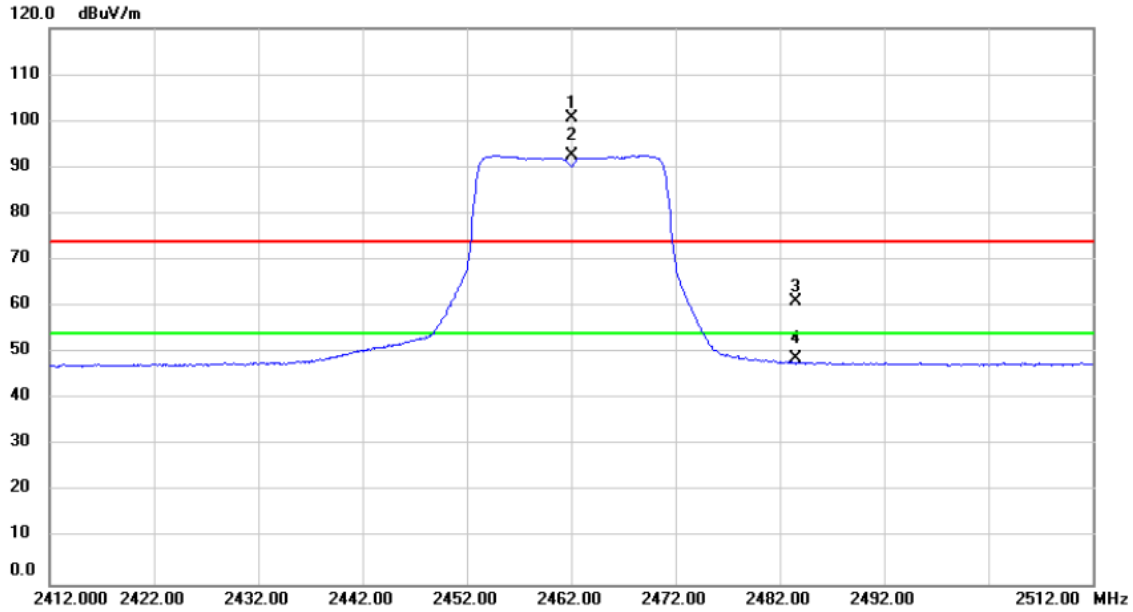
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	56.54	-11.22	45.32	74.00	-28.68	peak	140	170	
2	*	4924.000	44.17	-11.22	32.95	54.00	-21.05	AVG	140	170	

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

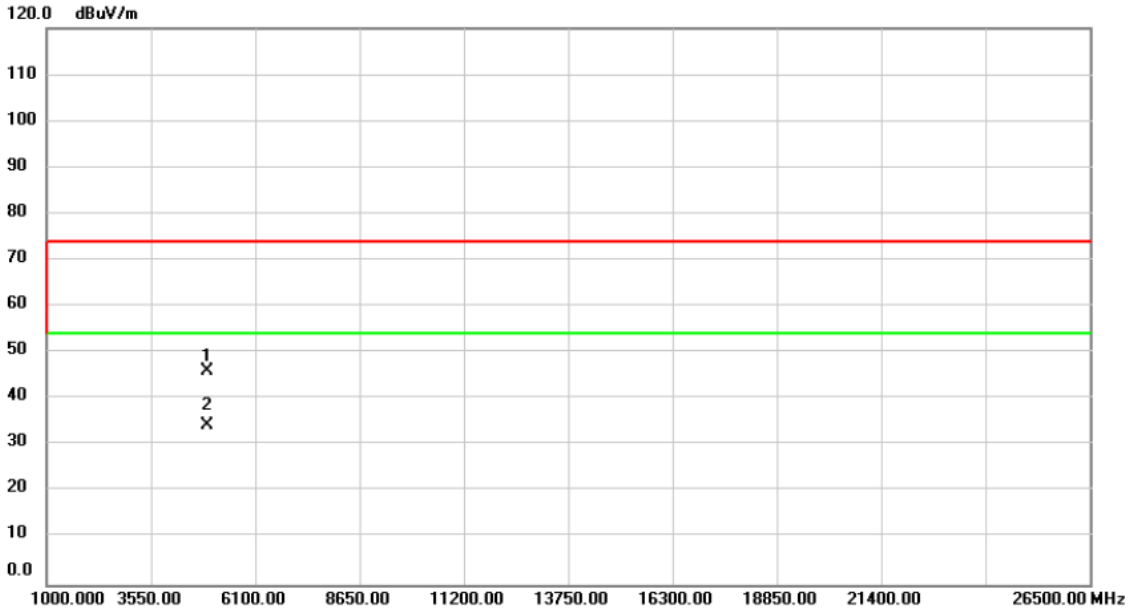
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2462.000	69.39	31.33	100.72	74.00	26.72	peak	100	123	No Limit
2	*	2462.000	61.29	31.33	92.62	54.00	38.62	AVG	100	123	No Limit
3		2483.517	29.63	31.41	61.04	74.00	-12.96	peak	313	353	
4		2483.517	17.32	31.41	48.73	54.00	-5.27	AVG	313	353	

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

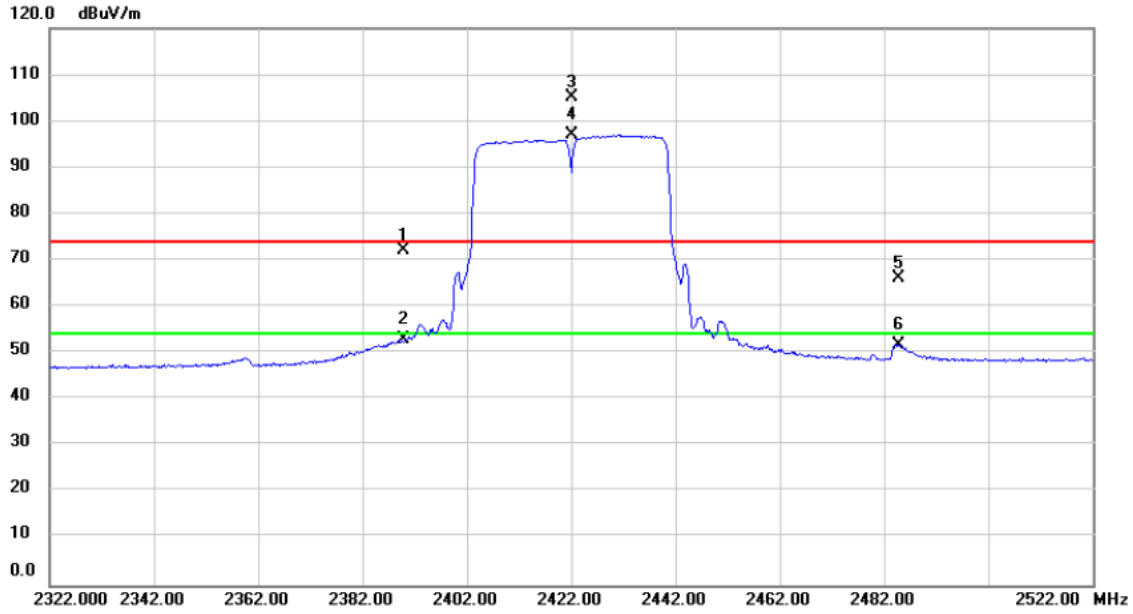
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	57.18	-11.22	45.96	74.00	-28.04	peak	100	357	
2	*	4924.000	45.56	-11.22	34.34	54.00	-19.66	AVG	100	357	

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

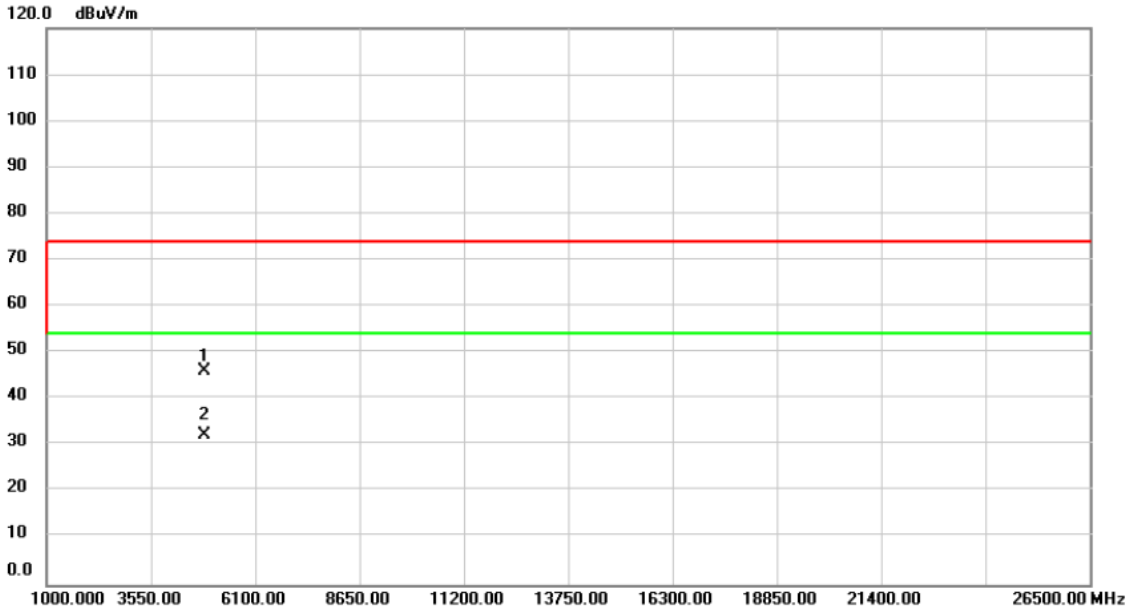
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2389.864	41.14	31.06	72.20	74.00	-1.80	peak	315	55	
2		2389.864	21.82	31.06	52.88	54.00	-1.12	AVG	315	55	
3	X	2422.000	73.87	31.18	105.05	74.00	31.05	peak	252	4	No Limit
4	*	2422.000	65.77	31.18	96.95	54.00	42.95	AVG	252	4	No Limit
5		2484.800	34.87	31.42	66.29	74.00	-7.71	peak	256	359	
6		2484.800	20.44	31.42	51.86	54.00	-2.14	AVG	256	359	

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

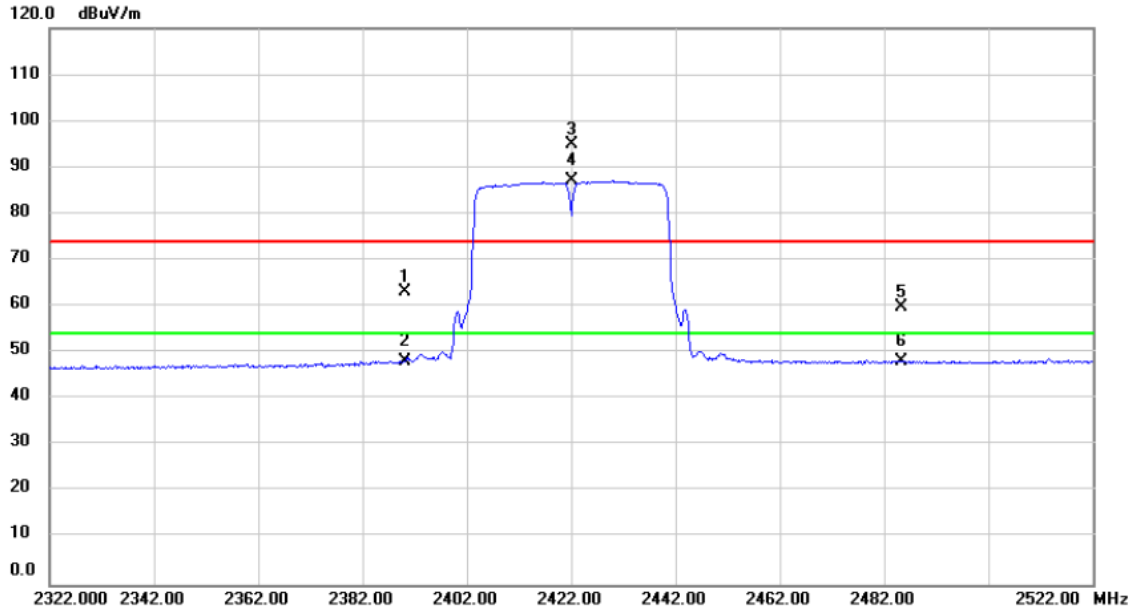
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	57.37	-11.34	46.03	74.00	-27.97	peak	212	360	
2	*	4844.000	43.56	-11.34	32.22	54.00	-21.78	AVG	212	360	

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

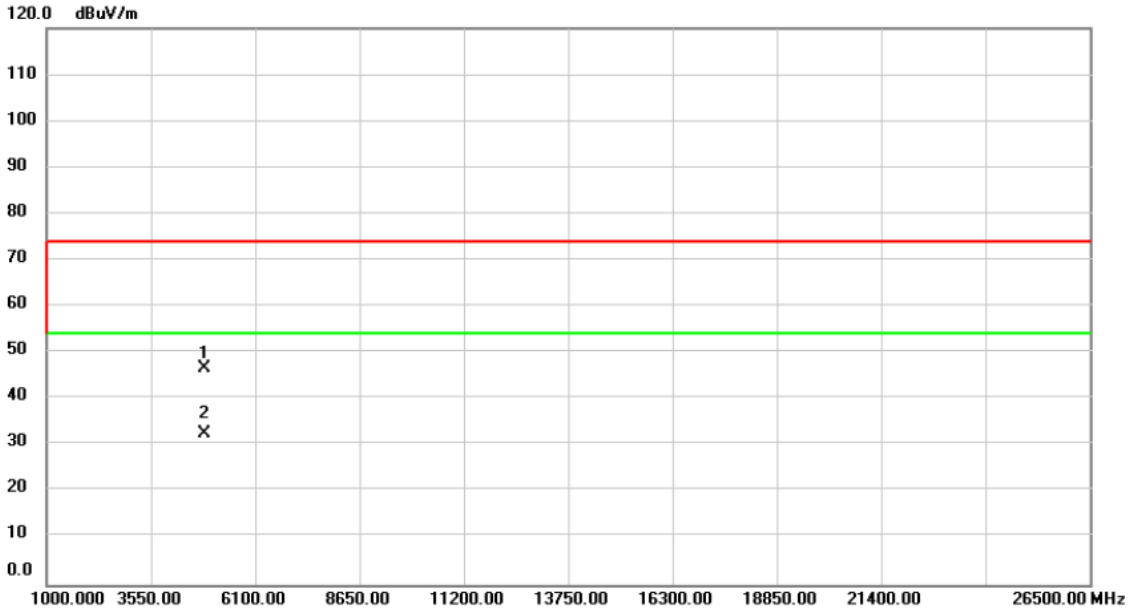
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	32.13	31.06	63.19	74.00	-10.81	peak	104	0	
2		2390.000	17.01	31.06	48.07	54.00	-5.93	AVG	104	0	
3	X	2422.000	63.86	31.18	95.04	74.00	21.04	peak	100	123	No Limit
4	*	2422.000	55.86	31.18	87.04	54.00	33.04	AVG	100	123	No Limit
5		2485.315	28.46	31.42	59.88	74.00	-14.12	peak	100	74	
6		2485.315	16.67	31.42	48.09	54.00	-5.91	AVG	100	74	

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

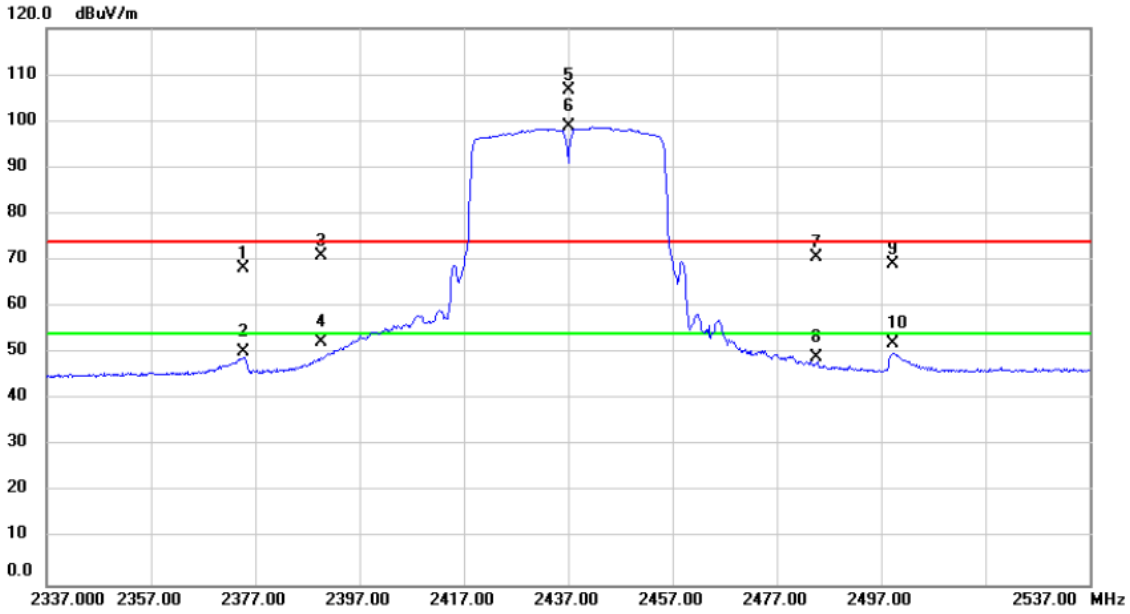
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	57.91	-11.34	46.57	74.00	-27.43	peak	100	244	
2	*	4844.000	43.79	-11.34	32.45	54.00	-21.55	AVG	100	244	

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

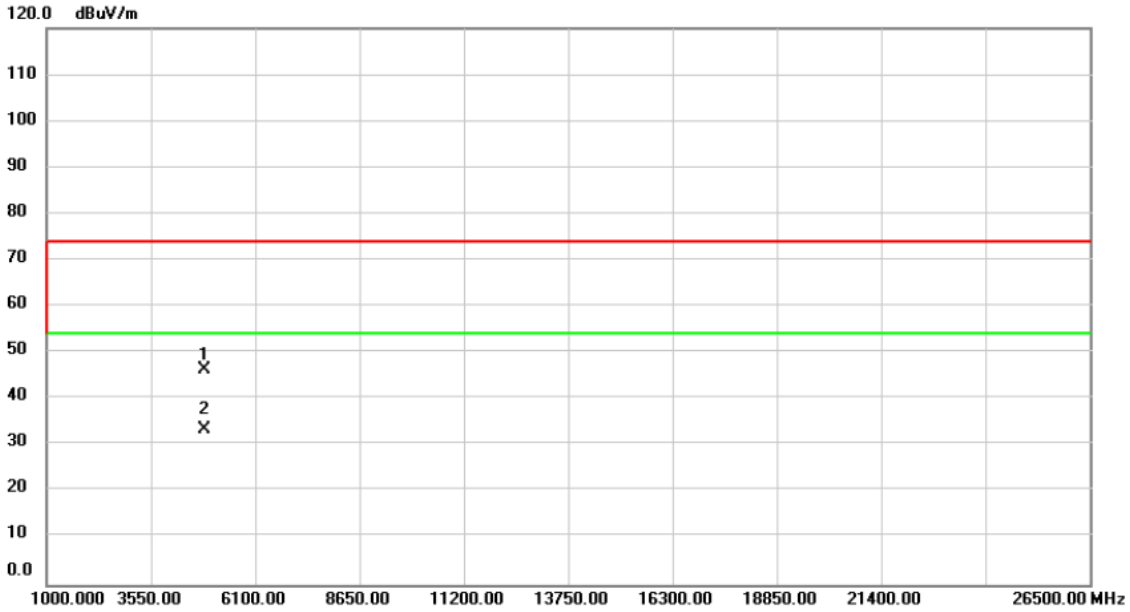
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2374.625	37.32	31.01	68.33	74.00	-5.67	peak	100	347	
2		2374.625	19.29	31.01	50.30	54.00	-3.70	AVG	100	347	
3		2389.682	40.00	31.06	71.06	74.00	-2.94	peak	239	65	
4		2389.682	21.44	31.06	52.50	54.00	-1.50	AVG	239	65	
5	X	2437.000	75.48	31.23	106.71	74.00	32.71	peak	177	353	No Limit
6	*	2437.000	67.51	31.23	98.74	54.00	44.74	AVG	177	353	No Limit
7		2484.731	39.32	31.42	70.74	74.00	-3.26	peak	232	351	
8		2484.731	17.52	31.42	48.94	54.00	-5.06	AVG	232	351	
9		2499.195	37.61	31.47	69.08	74.00	-4.92	peak	254	351	
10		2499.195	20.72	31.47	52.19	54.00	-1.81	AVG	254	351	

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

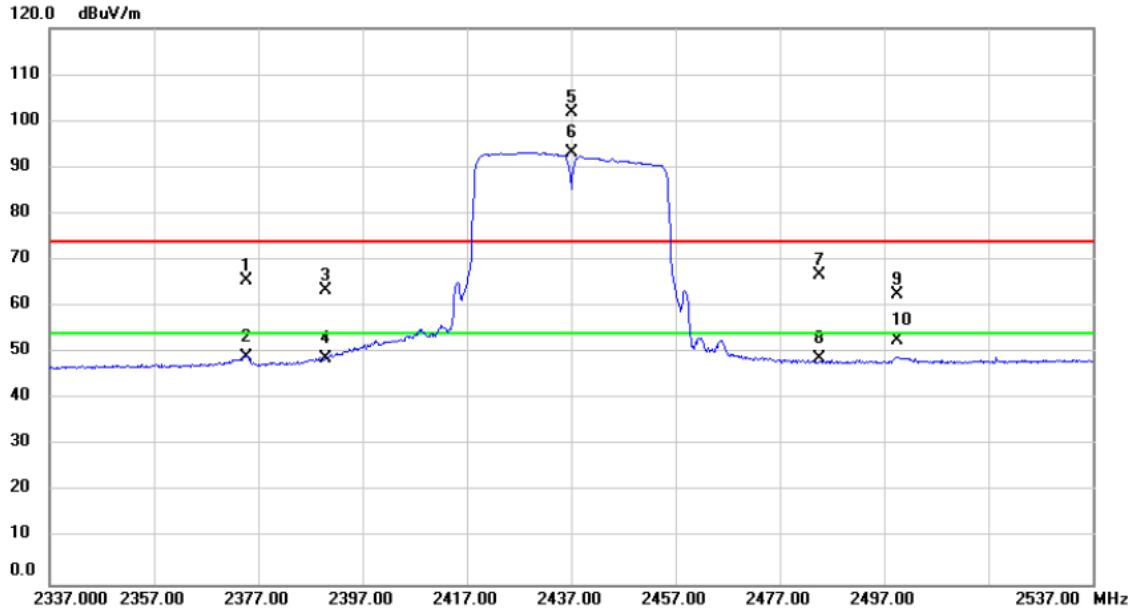
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	57.66	-11.29	46.37	74.00	-27.63	peak	119	102	
2	*	4874.000	44.77	-11.29	33.48	54.00	-20.52	AVG	119	102	

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

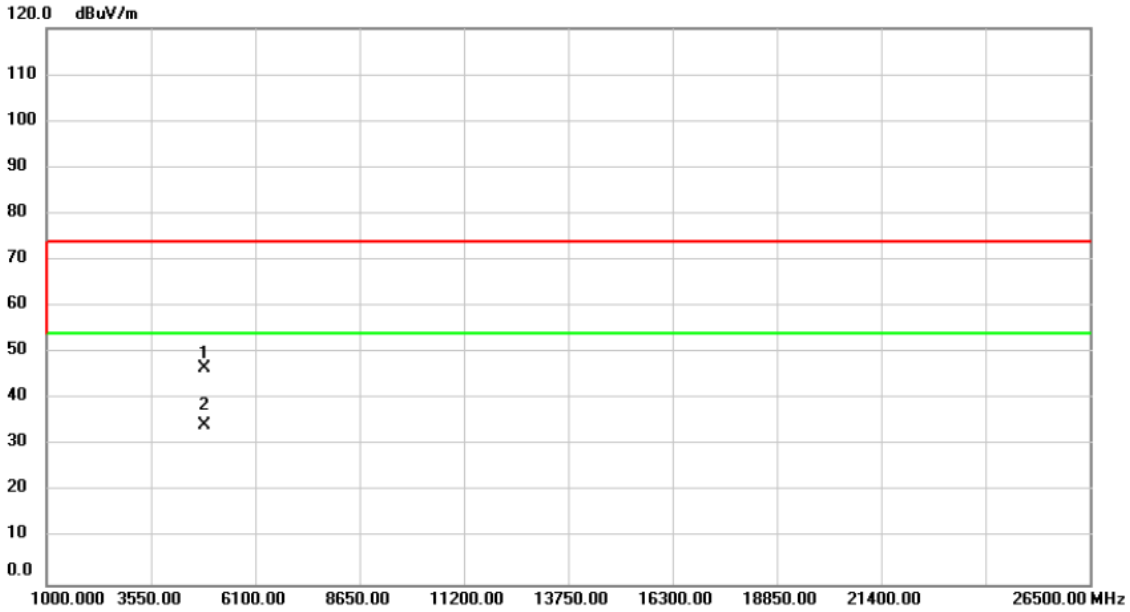
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2374.610	34.50	31.01	65.51	74.00	-8.49	peak	240	0	
2		2374.610	18.15	31.01	49.16	54.00	-4.84	AVG	240	0	
3		2390.000	32.27	31.06	63.33	74.00	-10.67	peak	102	138	
4		2390.000	17.64	31.06	48.70	54.00	-5.30	AVG	102	138	
5	X	2437.000	70.61	31.23	101.84	74.00	27.84	peak	219	7	No Limit
6	*	2437.000	61.97	31.23	93.20	54.00	39.20	AVG	219	7	No Limit
7		2484.627	35.40	31.42	66.82	74.00	-7.18	peak	197	348	
8		2484.627	17.23	31.42	48.65	54.00	-5.35	AVG	197	348	
9		2499.488	31.08	31.47	62.55	74.00	-11.45	peak	150	31	
10		2499.488	21.04	31.47	52.51	54.00	-1.49	AVG	150	31	

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

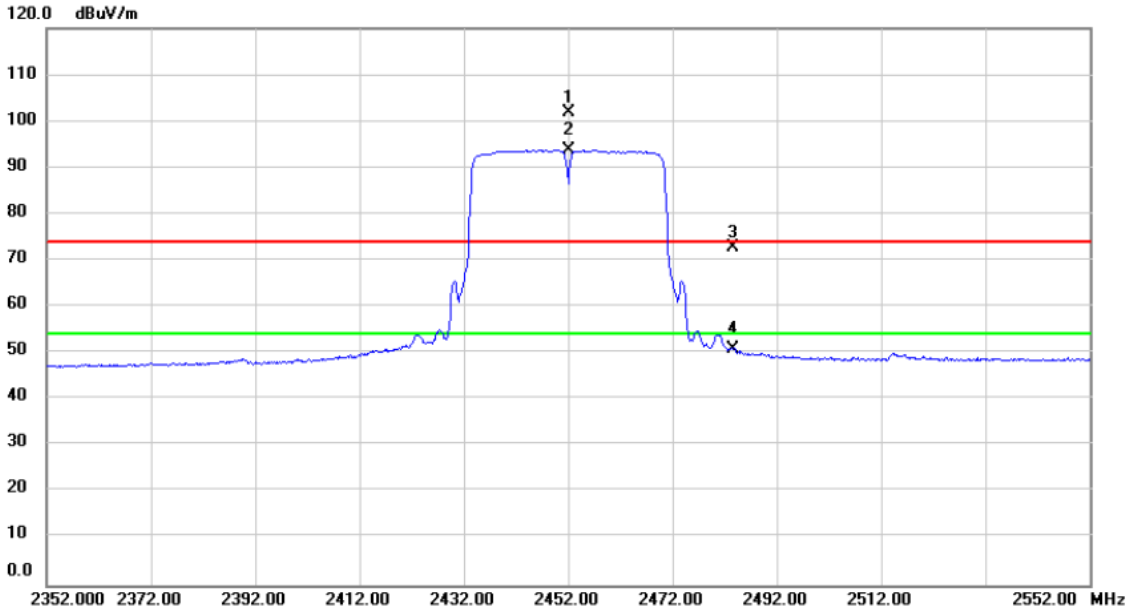
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	57.94	-11.29	46.65	74.00	-27.35	peak	100	351	
2	*	4874.000	45.52	-11.29	34.23	54.00	-19.77	AVG	100	351	

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

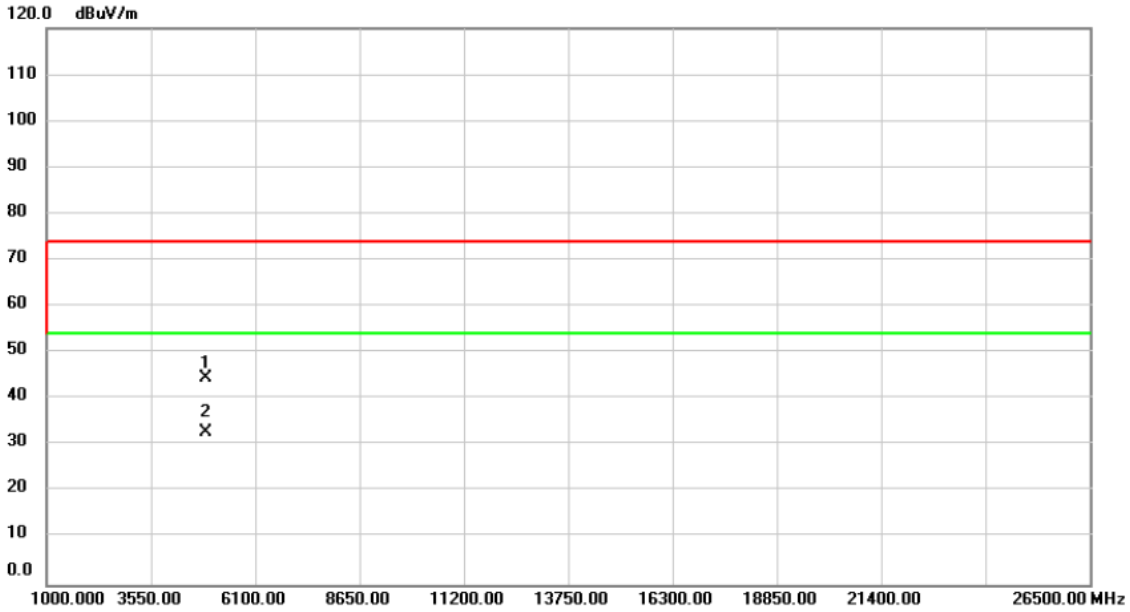
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2452.000	70.62	31.30	101.92	74.00	27.92	peak	268	3	No Limit
2	*	2452.000	62.49	31.30	93.79	54.00	39.79	AVG	268	3	No Limit
3		2483.500	41.36	31.41	72.77	74.00	-1.23	peak	230	1	
4		2483.500	19.54	31.41	50.95	54.00	-3.05	AVG	230	1	

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

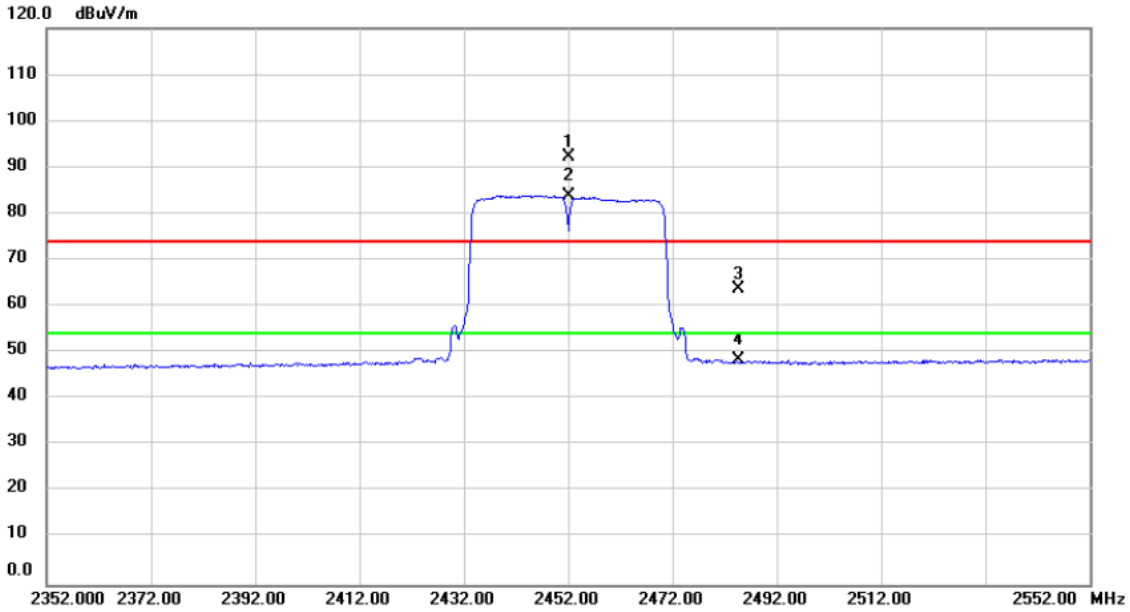
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	55.87	-11.24	44.63	74.00	-29.37	peak	100	173	
2	*	4904.000	44.18	-11.24	32.94	54.00	-21.06	AVG	100	173	

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

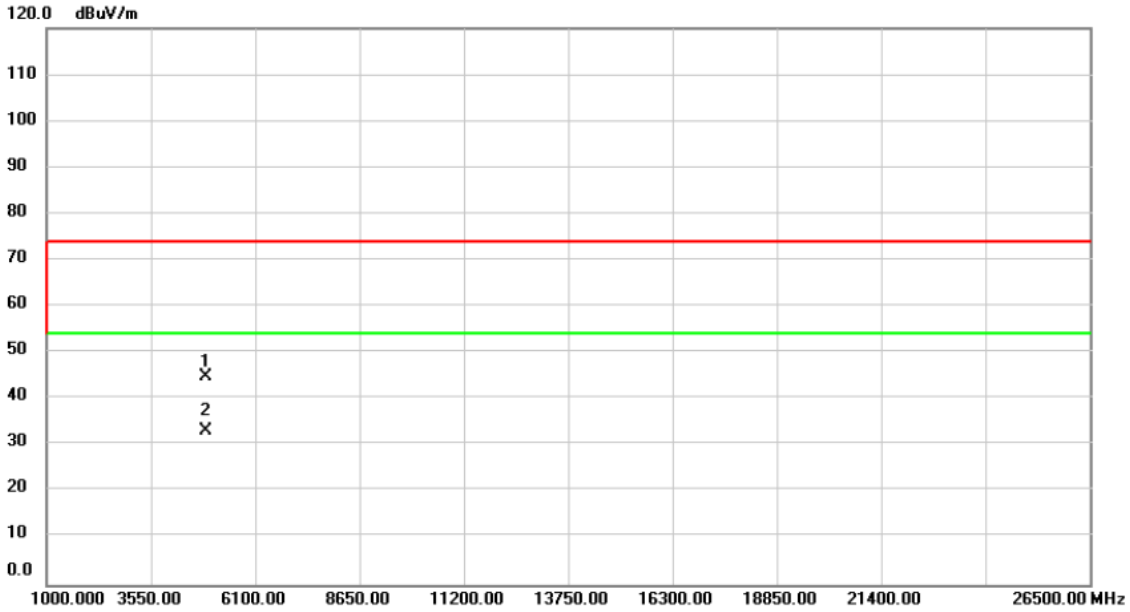
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	X	2452.000	60.92	31.30	92.22	74.00	18.22	peak	100	122	No Limit
2	*	2452.000	52.67	31.30	83.97	54.00	29.97	AVG	100	122	No Limit
3		2484.606	32.42	31.42	63.84	74.00	-10.16	peak	100	124	
4		2484.606	17.18	31.42	48.60	54.00	-5.40	AVG	100	124	

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

Horizontal



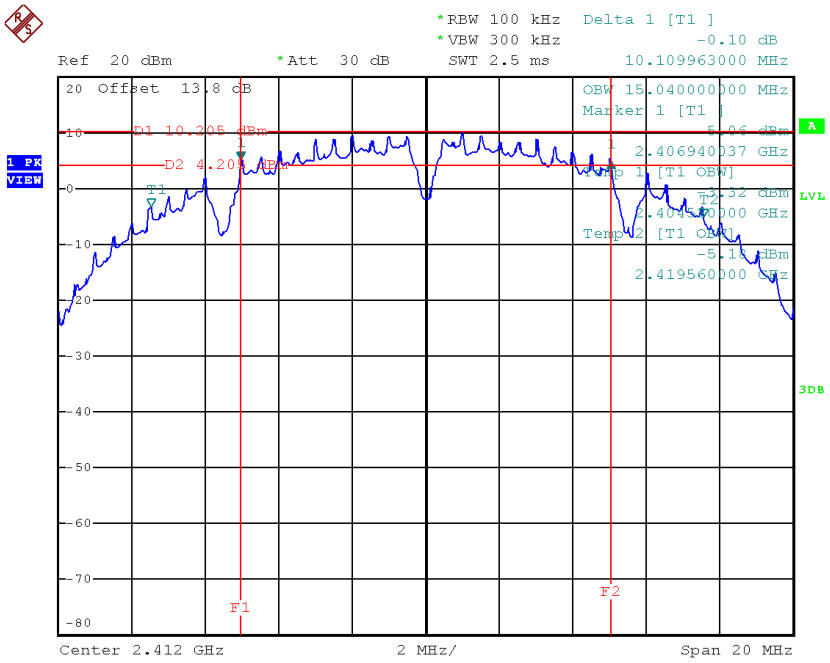
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	56.09	-11.24	44.85	74.00	-29.15	peak	110	188	
2	*	4904.000	44.27	-11.24	33.03	54.00	-20.97	AVG	110	188	

ATTACHMENT E - BANDWIDTH

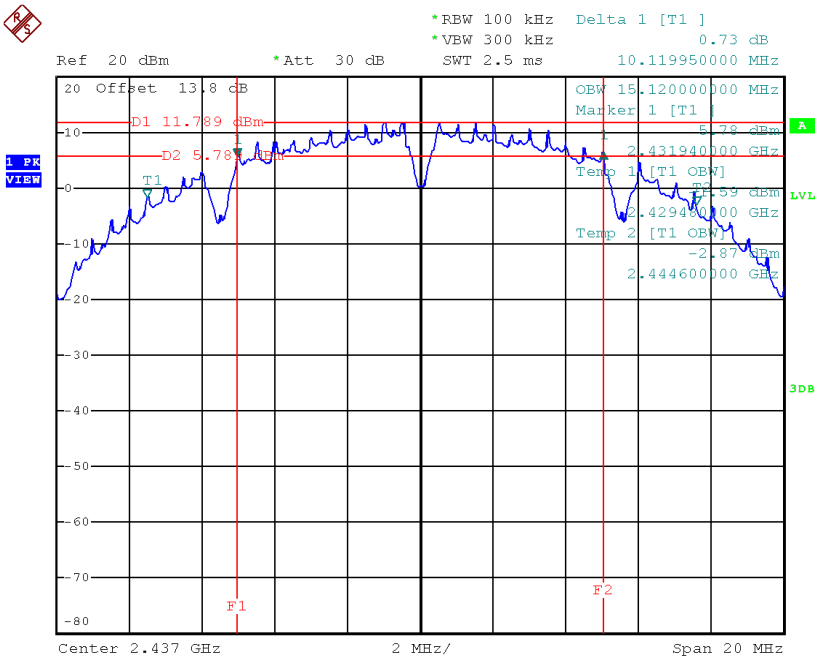
Test Mode : TX B Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.11	15.04	500	Complies
2437	10.12	15.12	500	Complies
2462	9.65	15.20	500	Complies

TX CH01

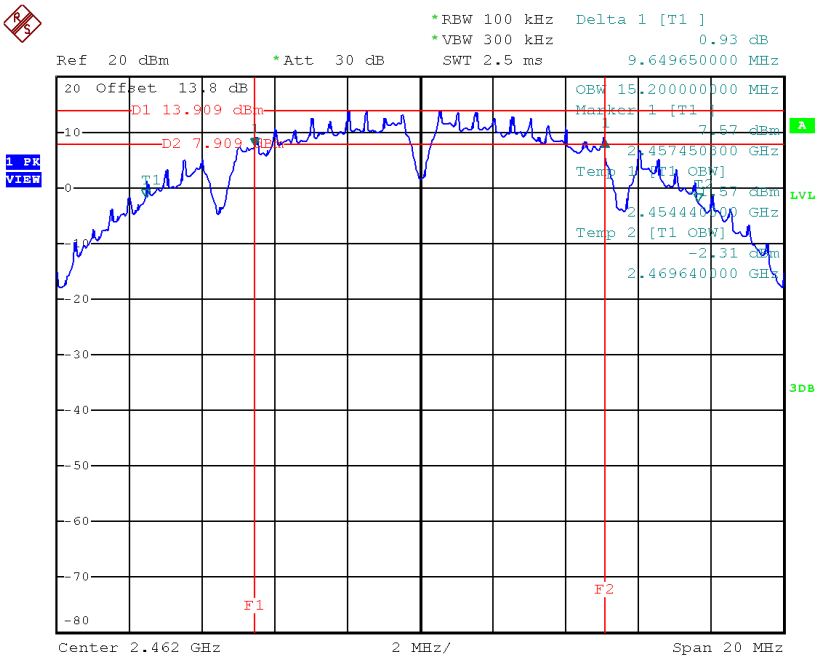


TX CH06



Date: 23.MAY.2017 22:29:34

TX CH11

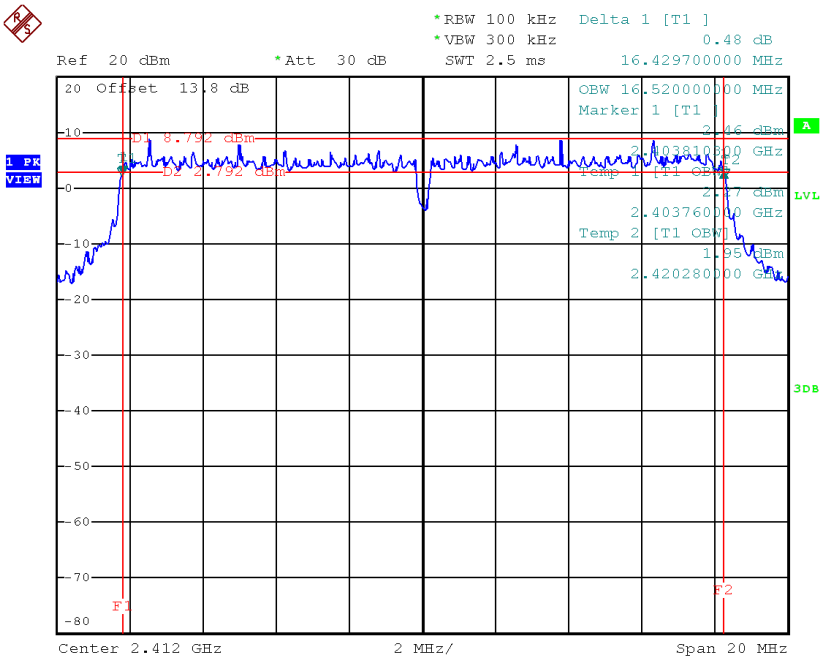


Date: 23.MAY.2017 22:37:33

Test Mode: TX G Mode_CH01/06/11

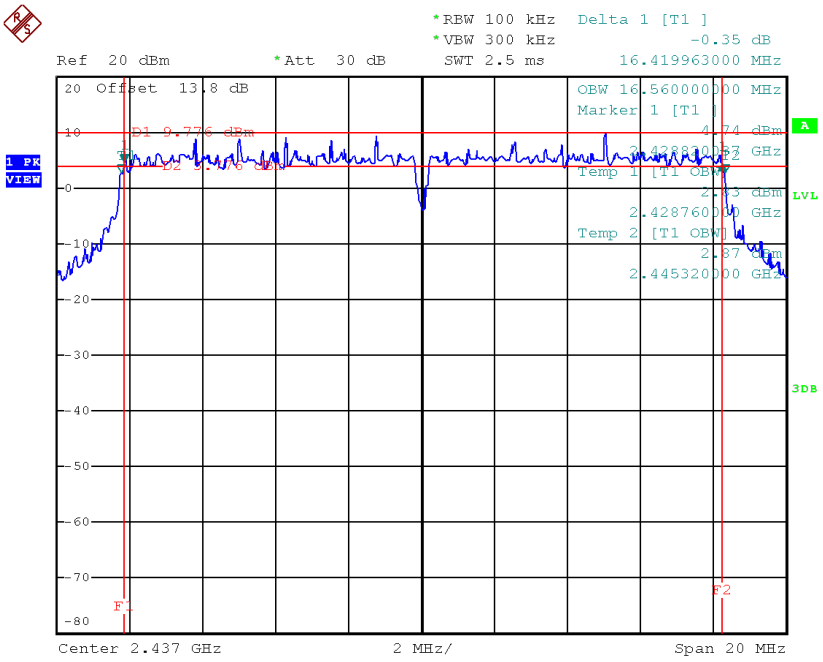
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.43	16.52	500	Complies
2437	16.42	16.56	500	Complies
2462	16.46	16.56	500	Complies

TX CH01



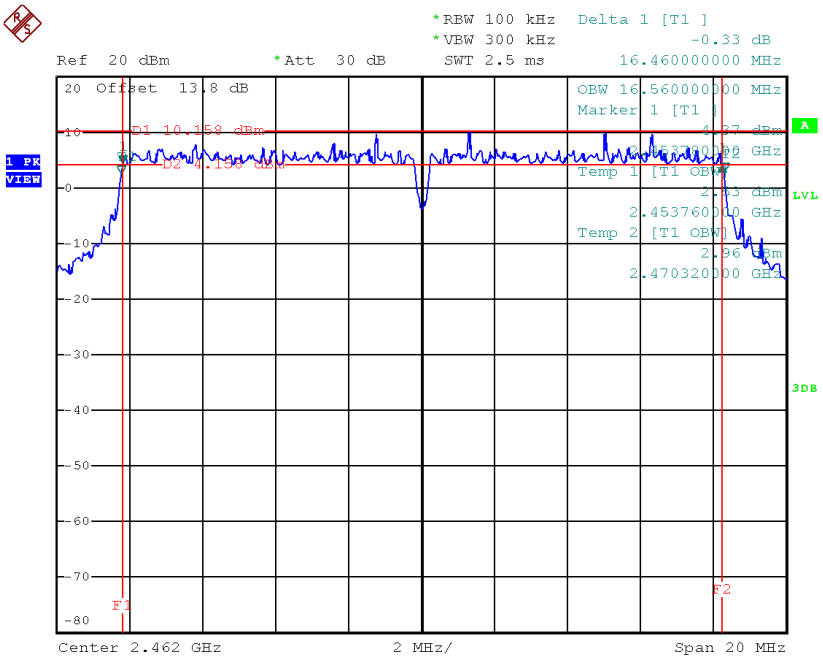
Date: 23.MAY.2017 21:11:32

TX CH06



Date: 23.MAY.2017 21:16:18

TX CH11

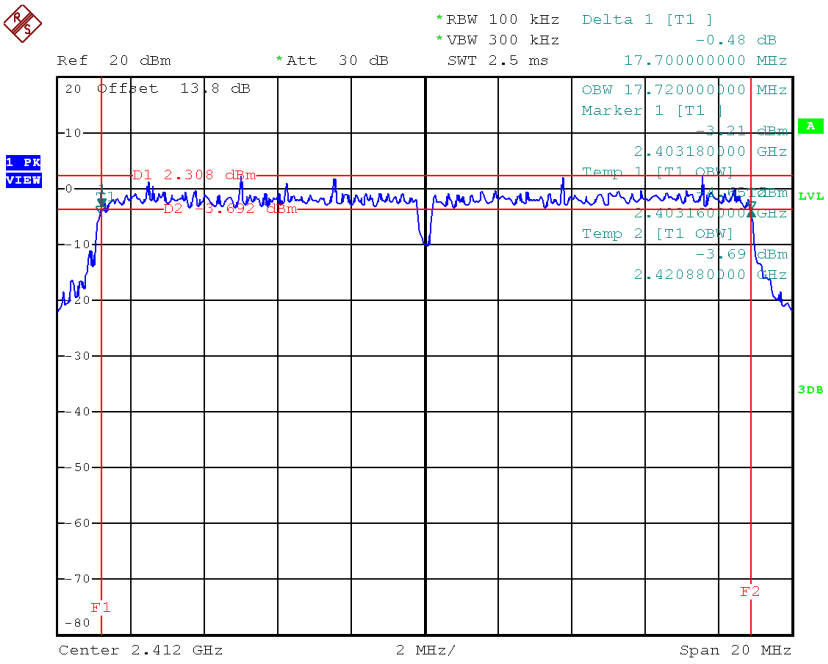


Date: 23.MAY.2017 21:20:28

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

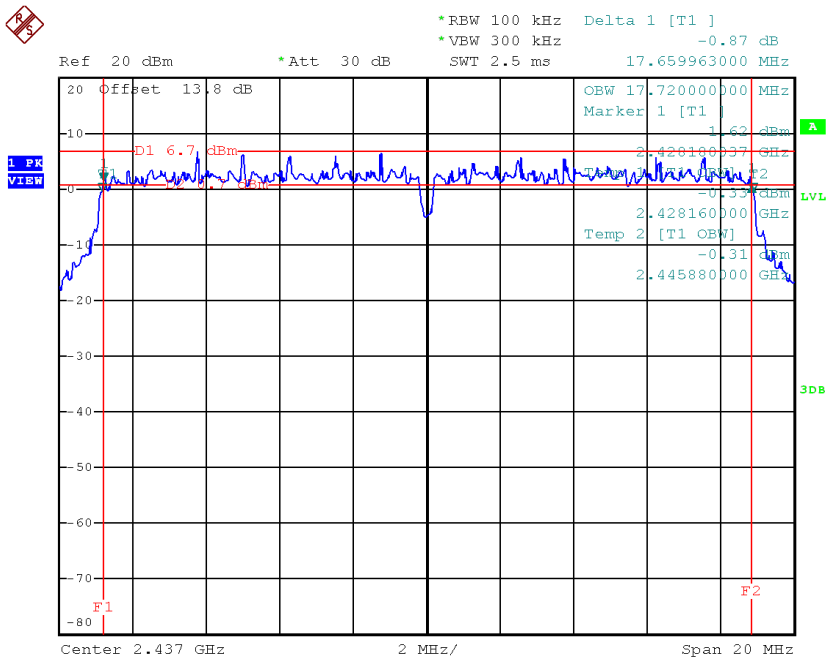
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	17.70	17.72	500	Complies
2437	17.66	17.72	500	Complies
2462	17.67	17.72	500	Complies

TX CH01



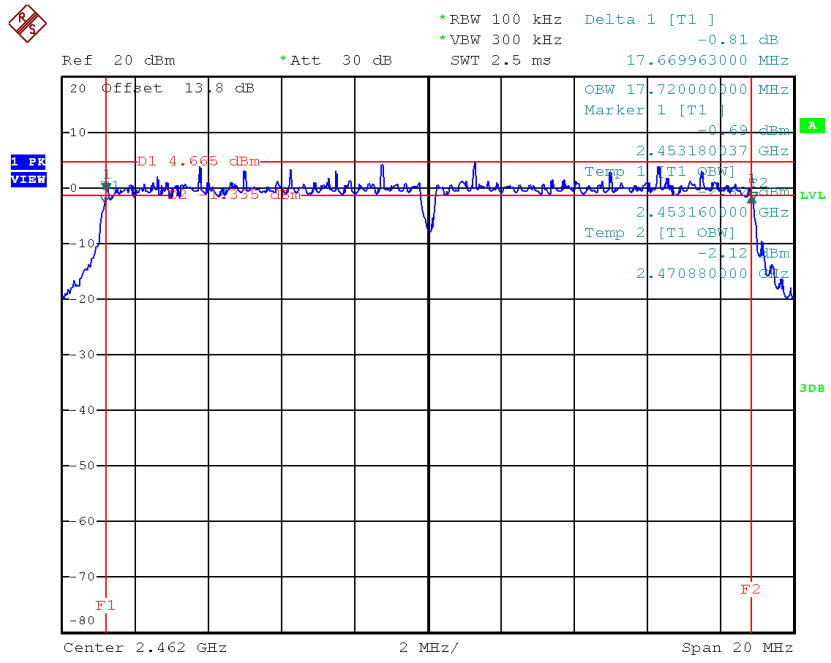
Date: 23.MAY.2017 21:28:09

TX CH06



Date: 23.MAY.2017 21:31:42

TX CH11

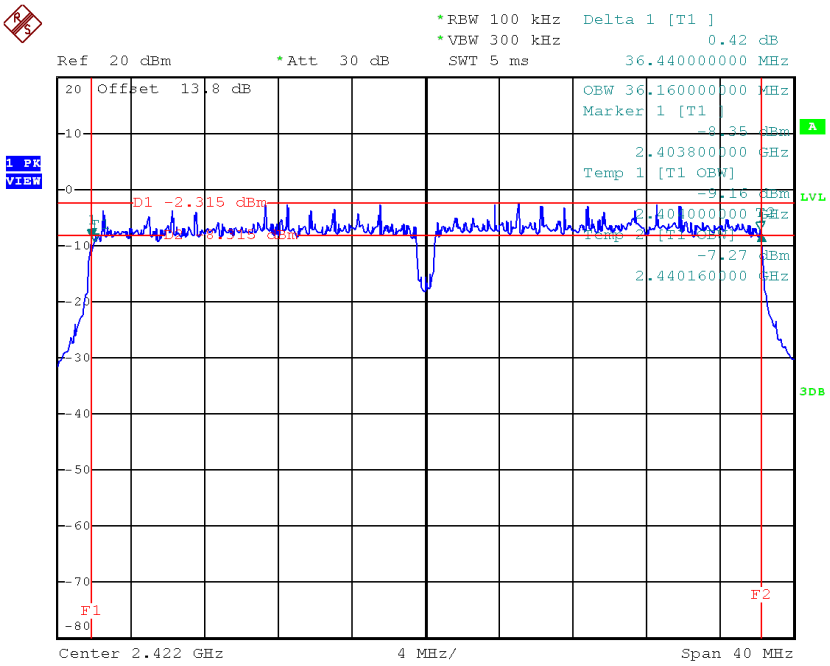


Date: 23.MAY.2017 21:32:47

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

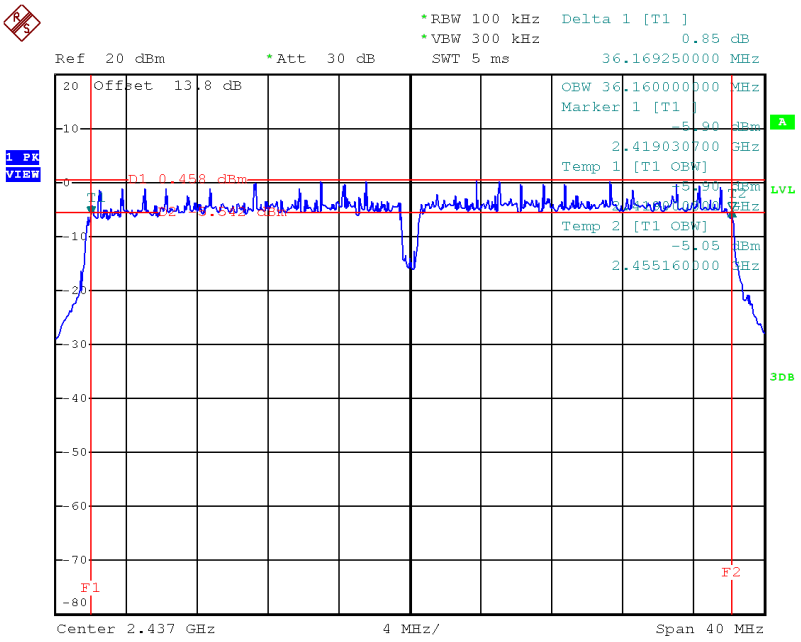
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.44	36.16	500	Complies
2437	36.17	36.16	500	Complies
2452	36.44	36.16	500	Complies

TX CH03



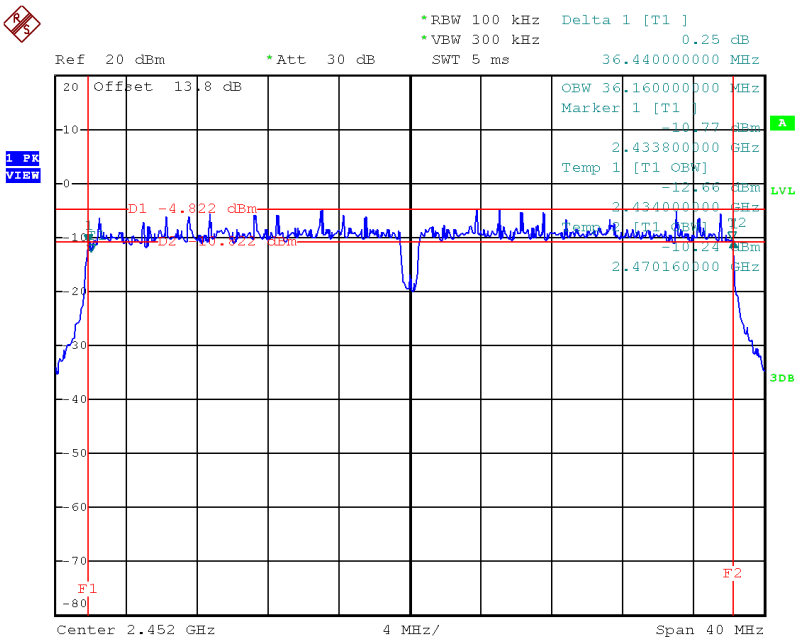
Date: 23.MAY.2017 22:13:27

TX CH06



Date: 23.MAY.2017 22:19:20

TX CH09



Date: 23.MAY.2017 22:20:38

ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

Test Mode :TX B Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	20.58	0.1143	30.00	1.00	Complies
2437	23.19	0.2084	30.00	1.00	Complies
2462	21.01	0.1262	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	25.83	0.3828	30.00	1.00	Complies
2437	26.61	0.4581	30.00	1.00	Complies
2462	26.25	0.4217	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	22.70	0.1862	30.00	1.00	Complies
2437	25.76	0.3767	30.00	1.00	Complies
2462	24.81	0.3027	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	22.68	0.1854	30.00	1.00	Complies
2437	25.12	0.3251	30.00	1.00	Complies
2462	24.41	0.2761	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	25.70	0.3716	30.00	1.00	Complies
2437	28.46	0.7018	30.00	1.00	Complies
2462	27.62	0.5787	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 1					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	19.13	0.0818	30.00	1.00	Complies
2437	23.98	0.2500	30.00	1.00	Complies
2452	19.21	0.0834	30.00	1.00	Complies

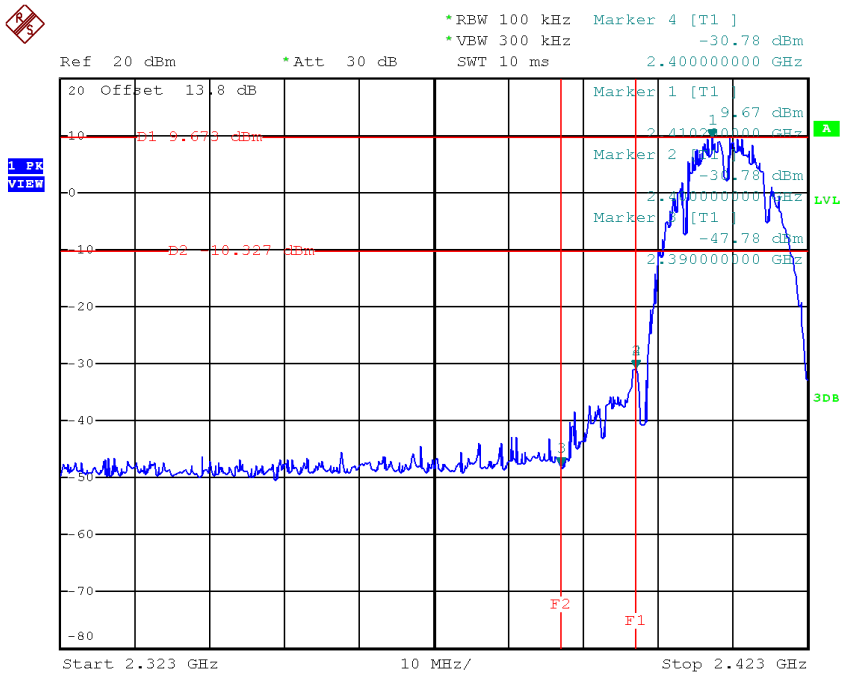
Test Mode :TX N40 Mode_CH03/06/09_ANT 2					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	19.07	0.0807	30.00	1.00	Complies
2437	23.26	0.2118	30.00	1.00	Complies
2452	18.41	0.0693	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_Total					
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	22.11	0.1626	30.00	1.00	Complies
2437	26.65	0.4619	30.00	1.00	Complies
2452	21.84	0.1527	30.00	1.00	Complies

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

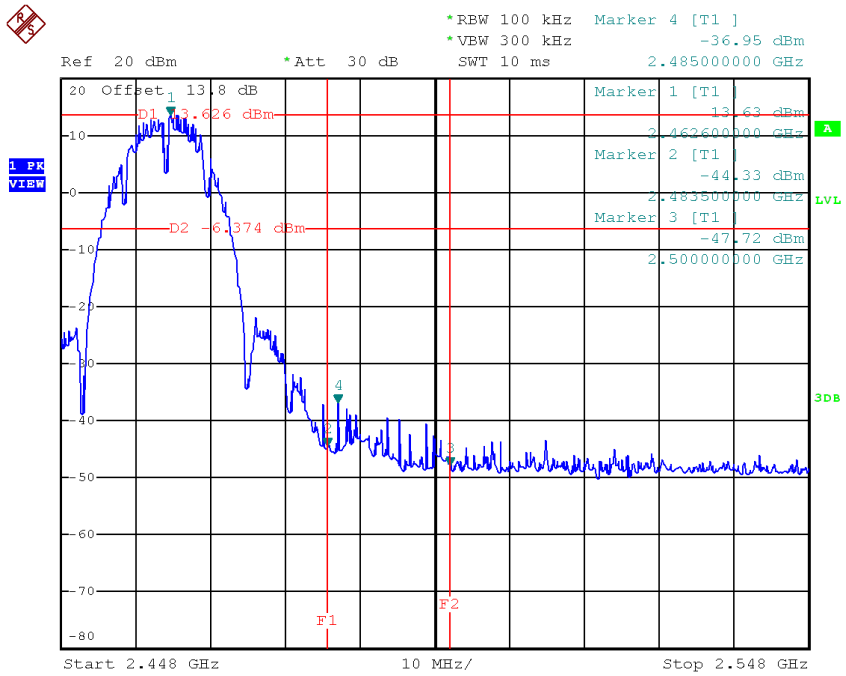
Test Mode :	TX B Mode_ANT 1

TX B mode CH01



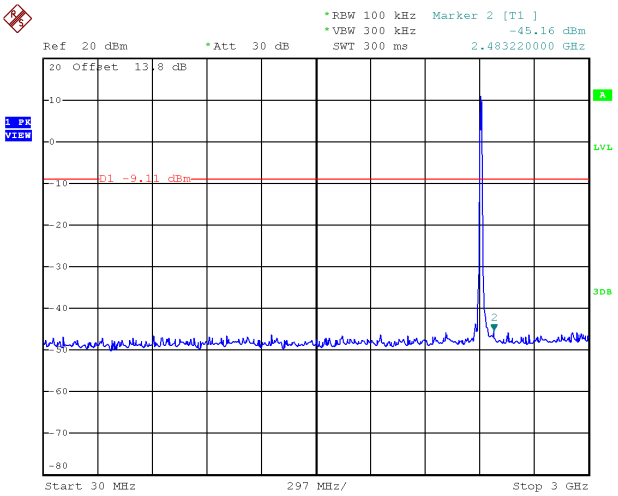
Date: 23.MAY.2017 22:25:08

TX B mode CH11

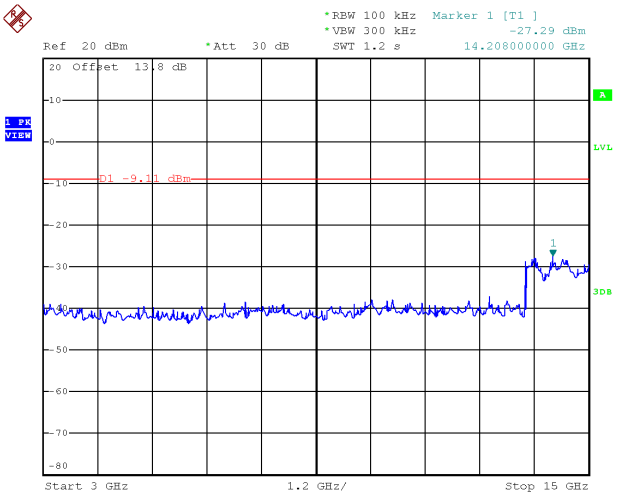


Date: 23.MAY.2017 22:38:09

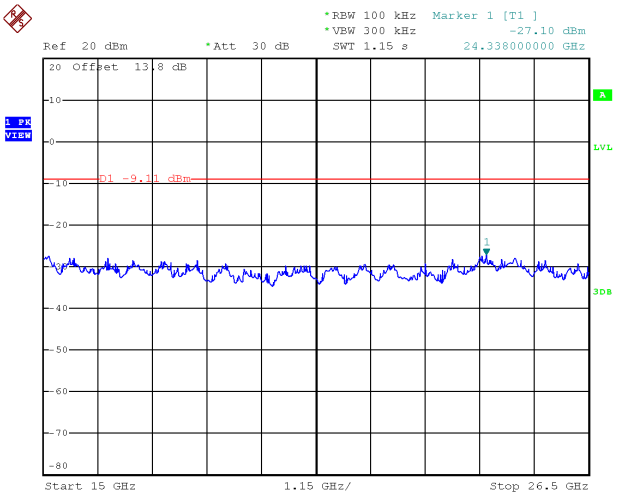
TX B mode CH01 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:24:30

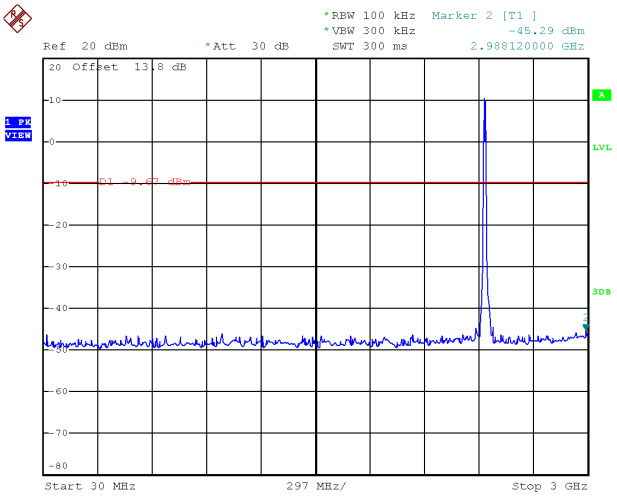


Date: 23.MAY.2017 22:24:37

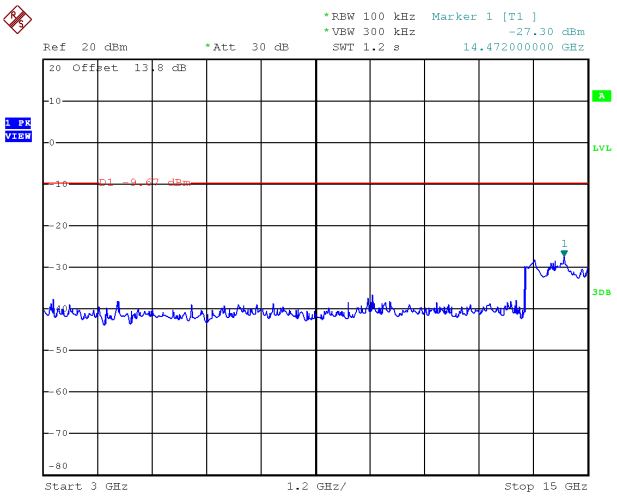


Date: 23.MAY.2017 22:24:44

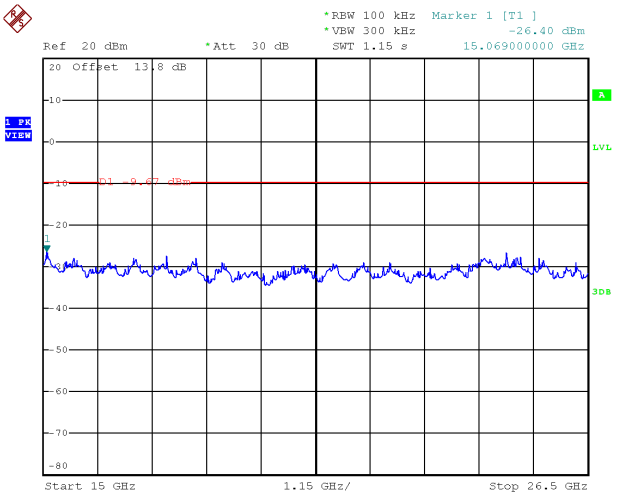
TX B mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:29:47

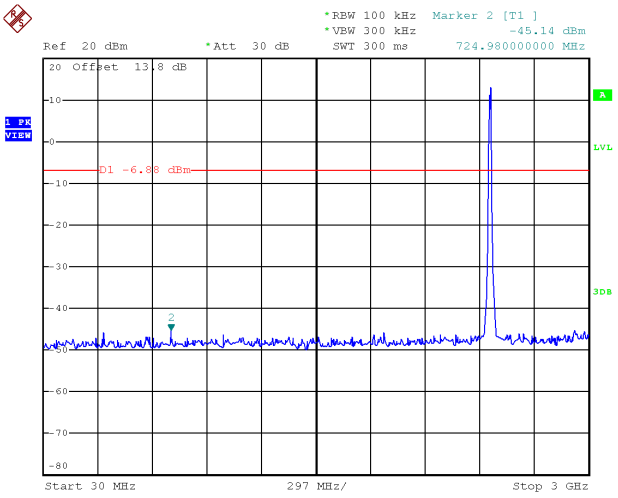


Date: 23.MAY.2017 22:29:54

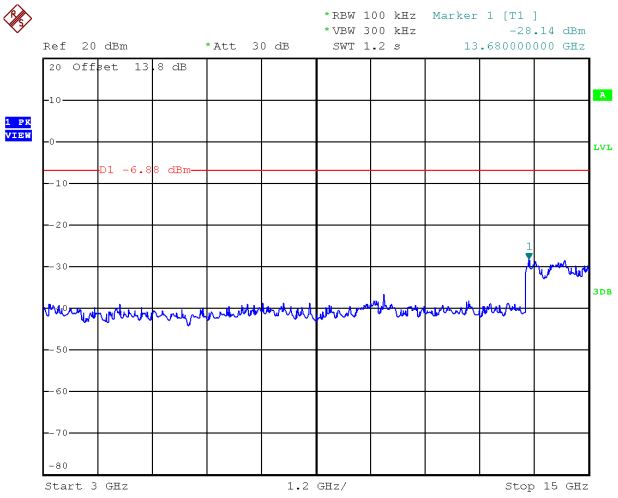


Date: 23.MAY.2017 22:30:01

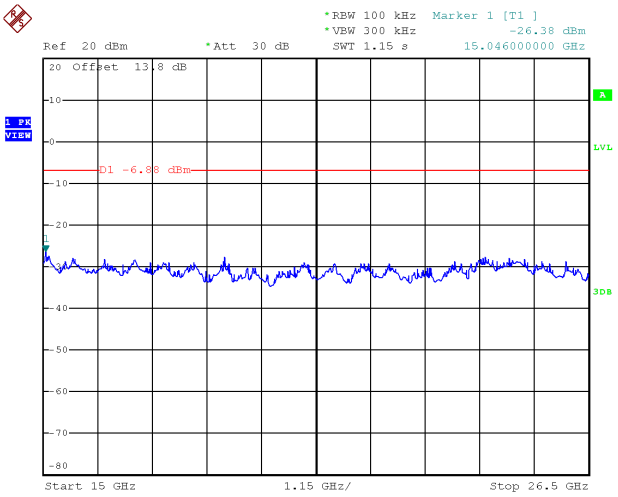
TX B mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:37:47



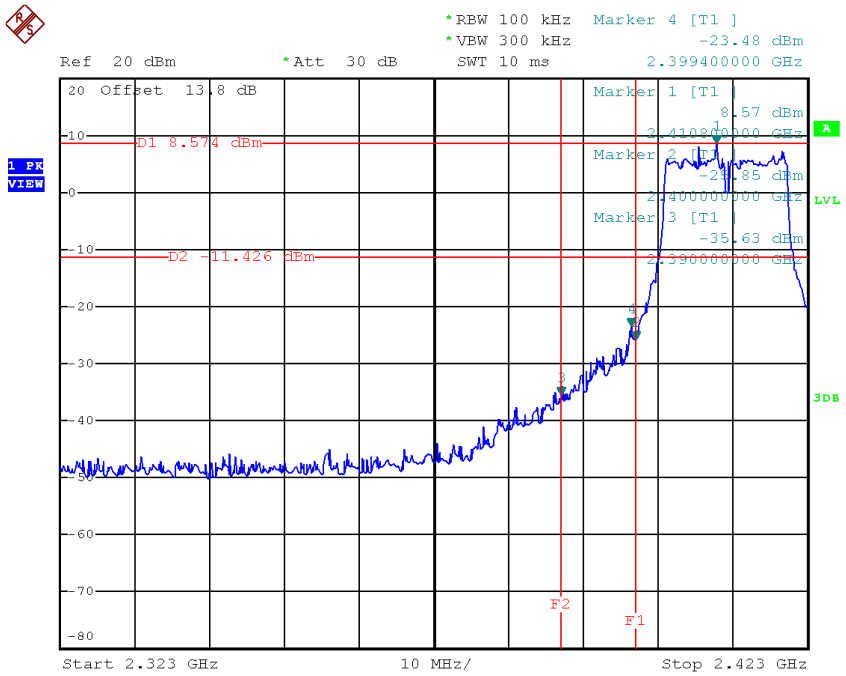
Date: 23.MAY.2017 22:37:54



Date: 23.MAY.2017 22:38:01

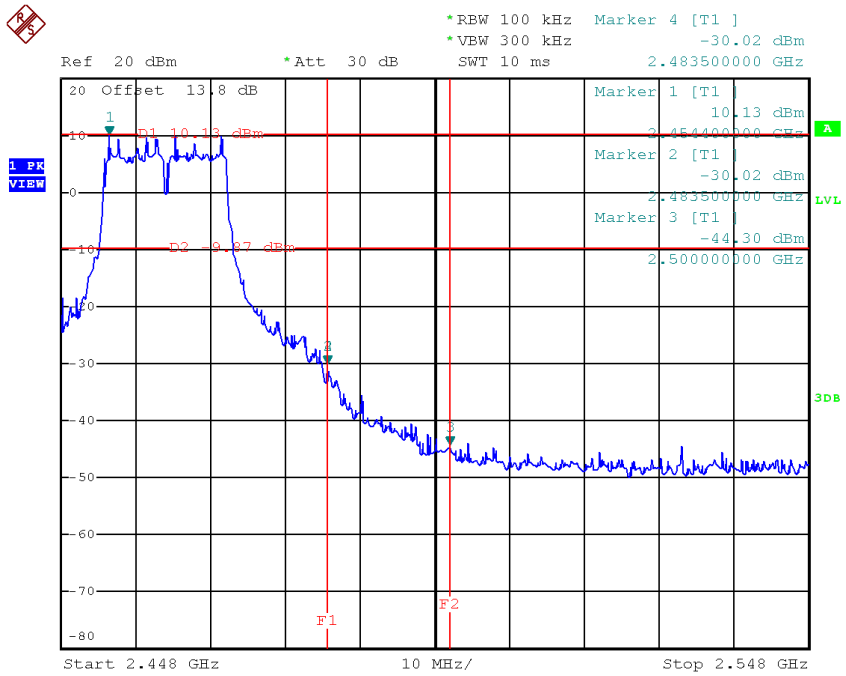
Test Mode :	TX G Mode_ANT 1

TX G mode CH01



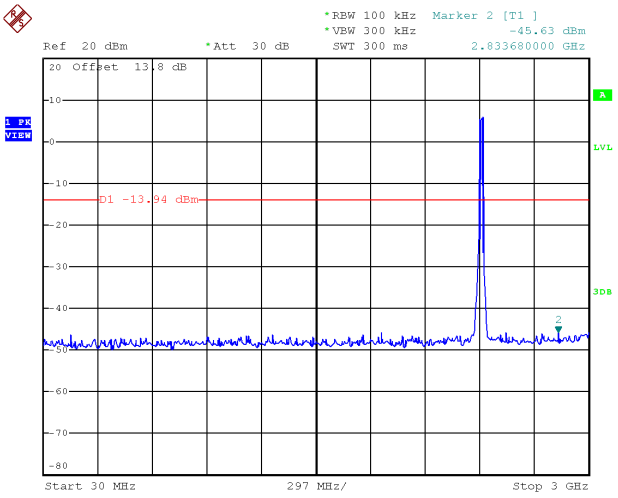
Date: 23.MAY.2017 21:12:08

TX G mode CH11

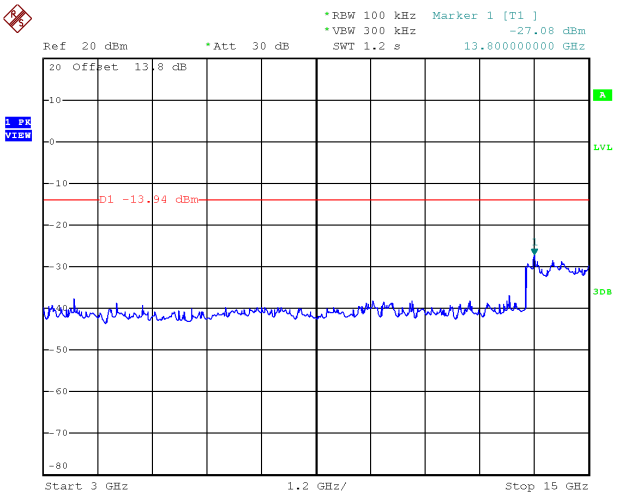


Date: 23.MAY.2017 21:21:03

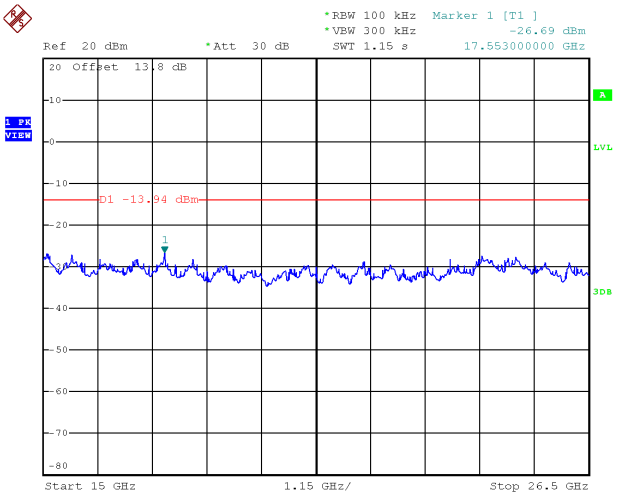
TX G mode CH01 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:11:46

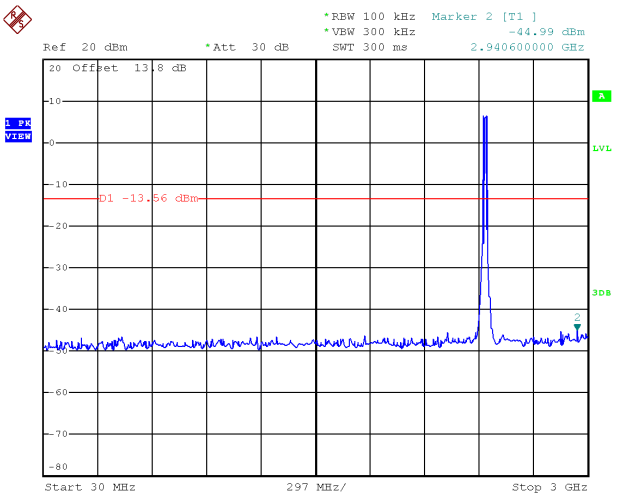


Date: 23.MAY.2017 21:11:53

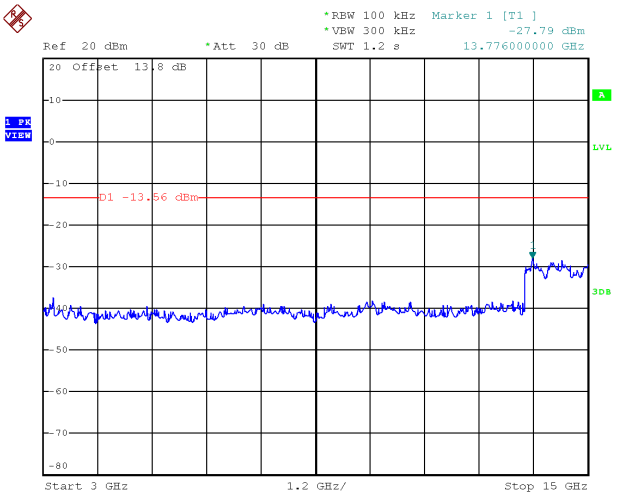


Date: 23.MAY.2017 21:12:01

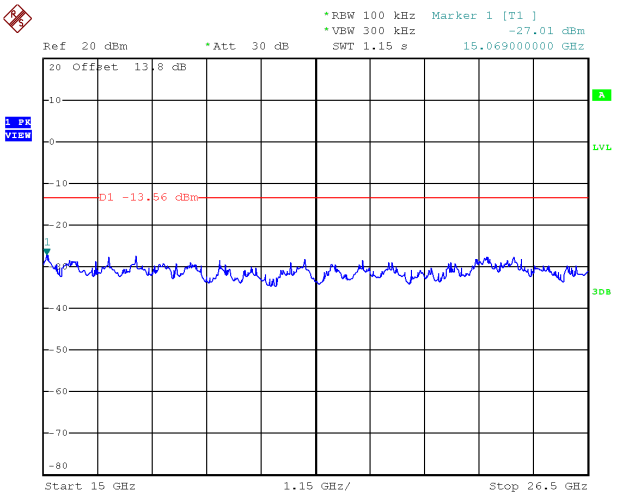
TX G mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:16:31

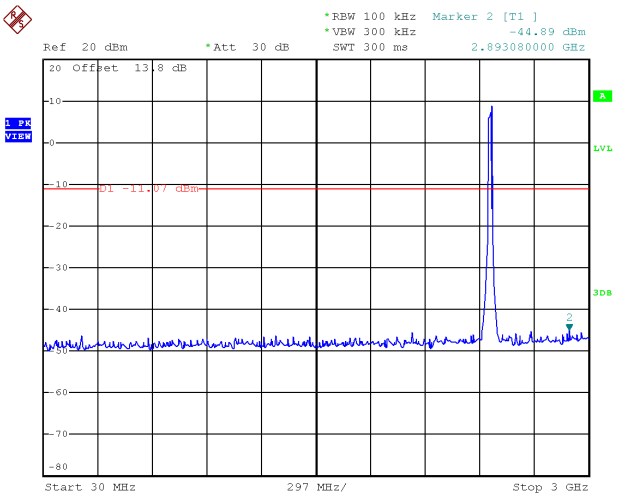


Date: 23.MAY.2017 21:16:38

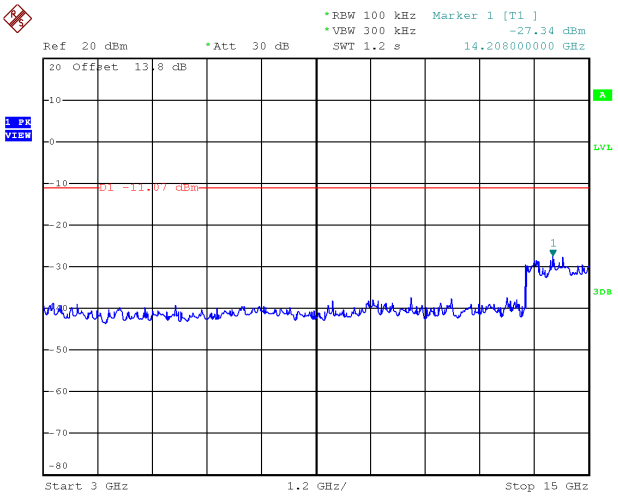


Date: 23.MAY.2017 21:16:45

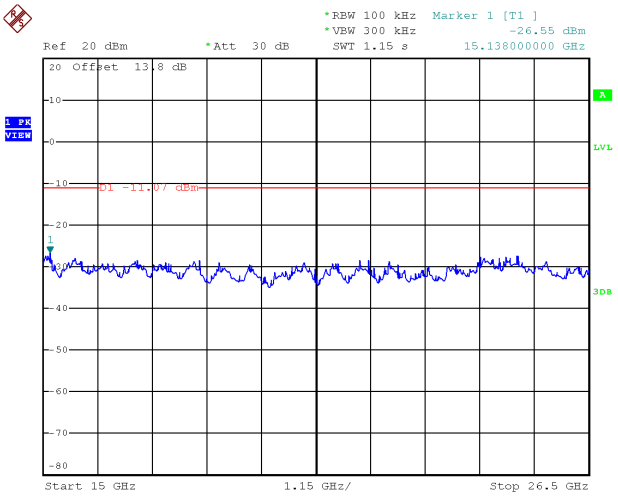
TX G mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:20:42



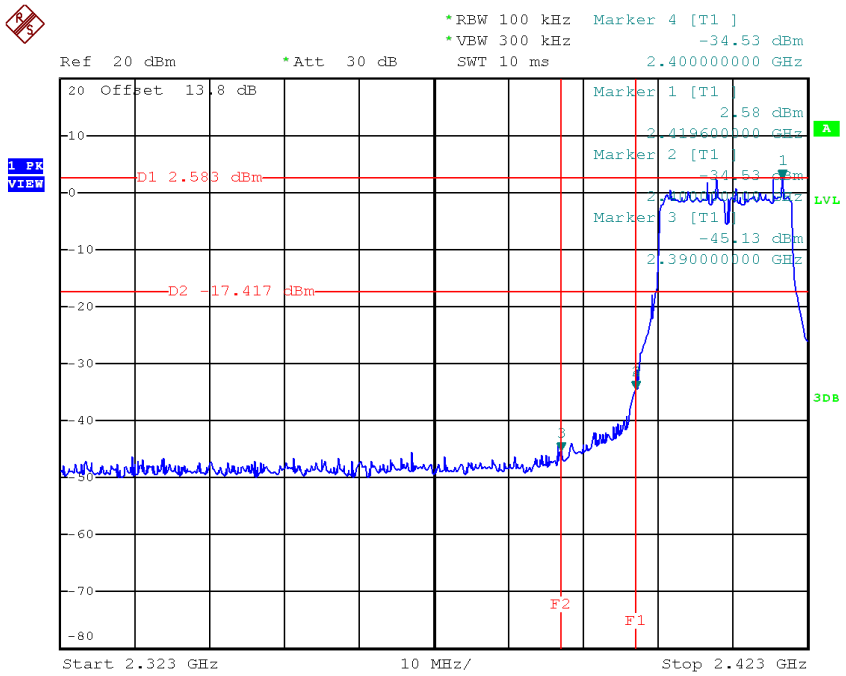
Date: 23.MAY.2017 21:20:49



Date: 23.MAY.2017 21:20:56

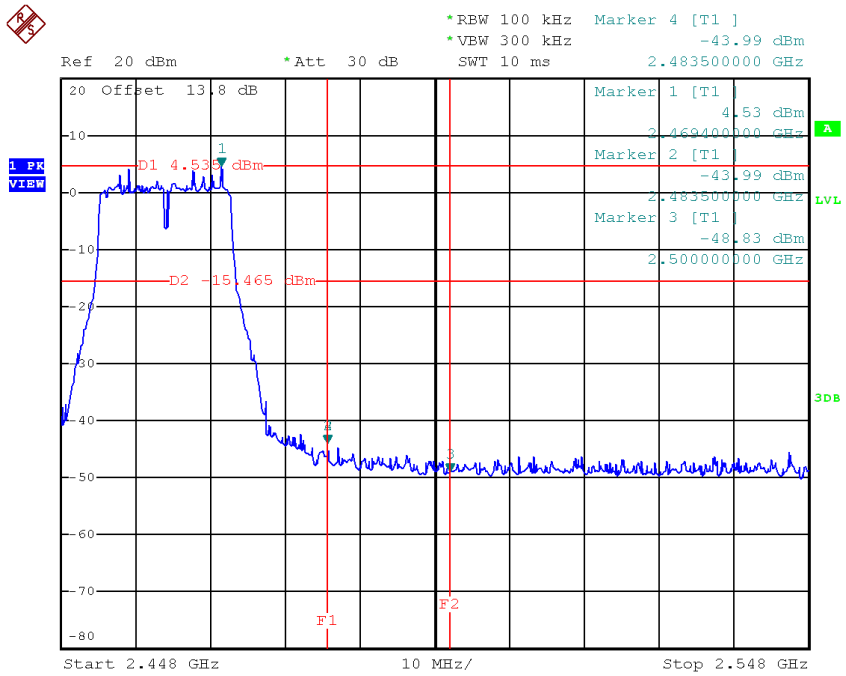
Test Mode :	TX N-20M Mode_ANT 1

TX HT20 mode CH01



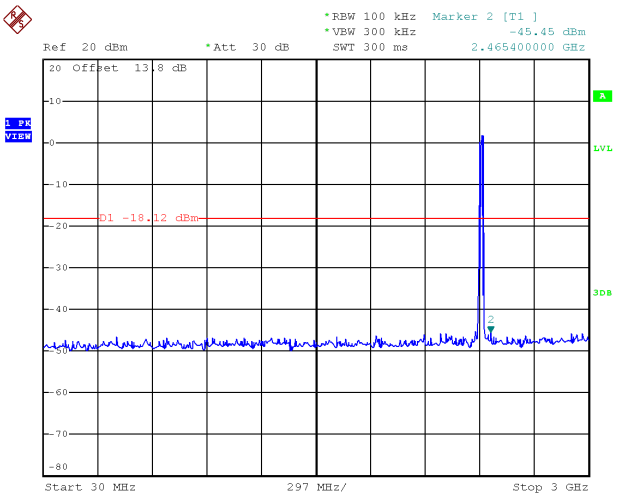
Date: 23.MAY.2017 21:28:44

TX HT20 mode CH11

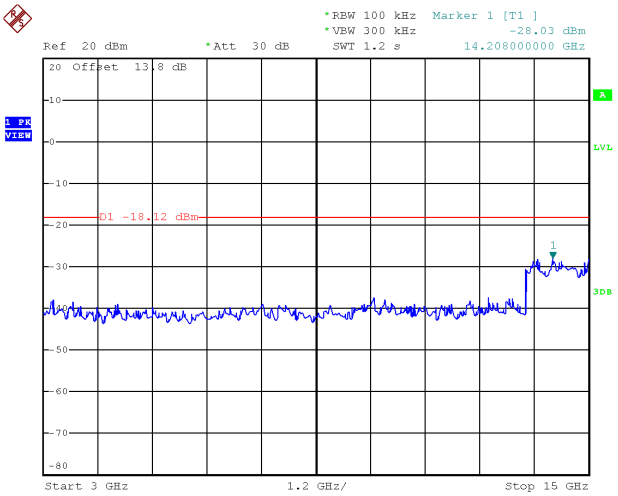


Date: 23.MAY.2017 21:33:37

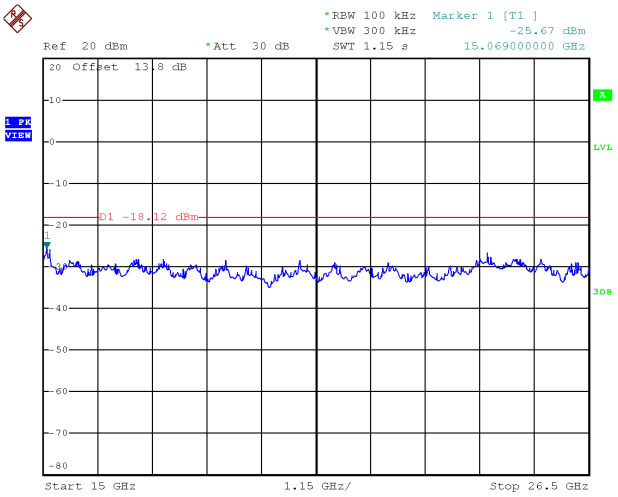
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:28:22

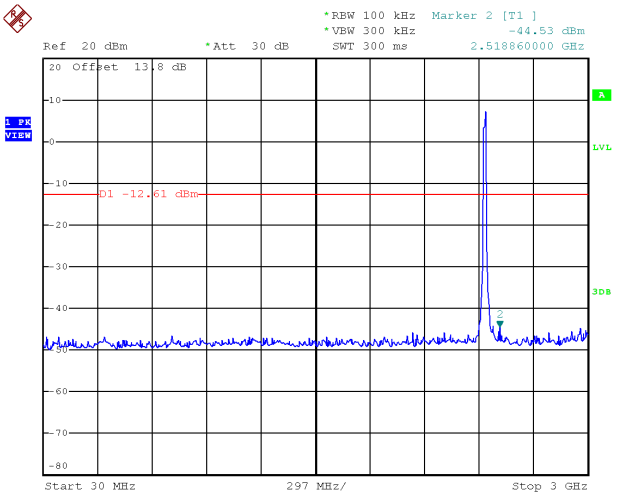


Date: 23.MAY.2017 21:28:30

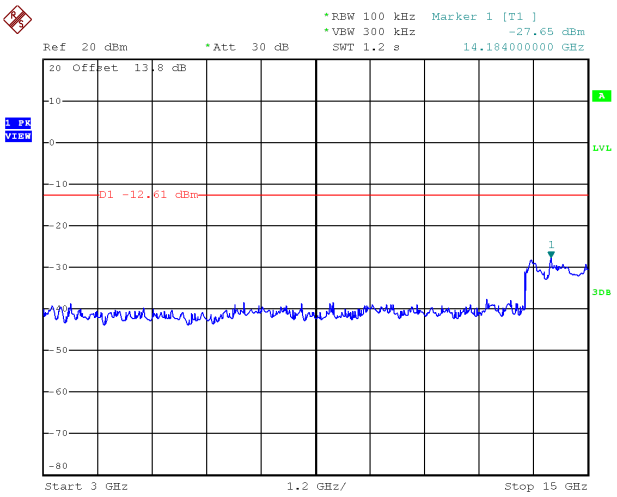


Date: 23.MAY.2017 21:28:37

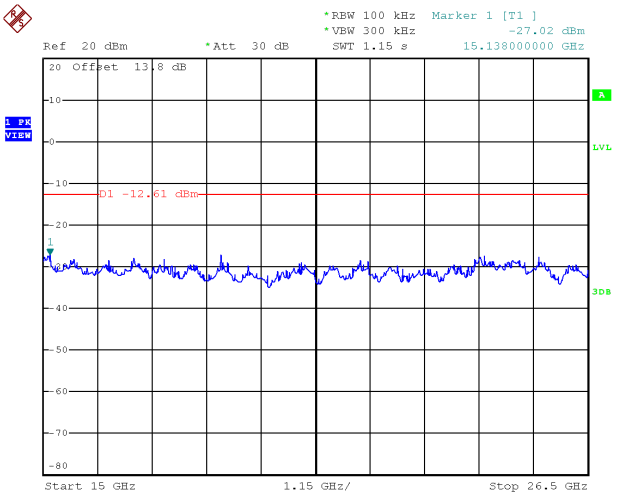
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:31:54

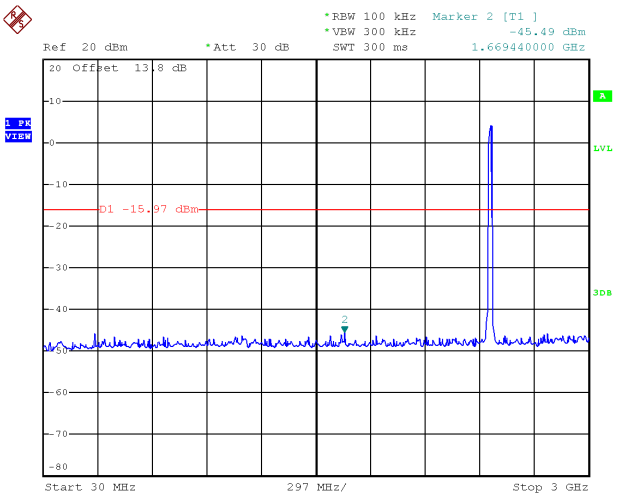


Date: 23.MAY.2017 21:32:01

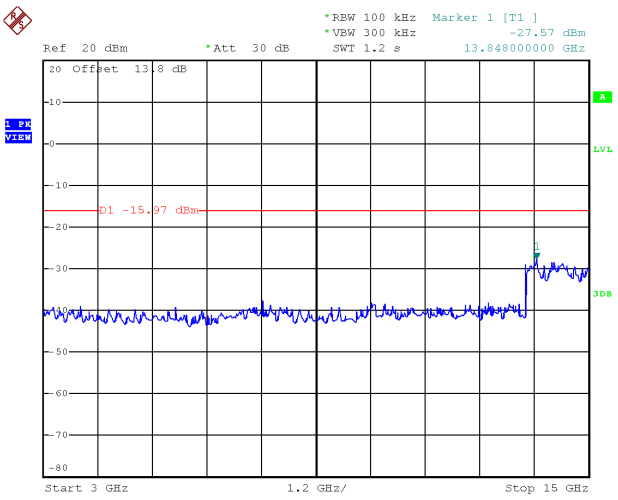


Date: 23.MAY.2017 21:32:16

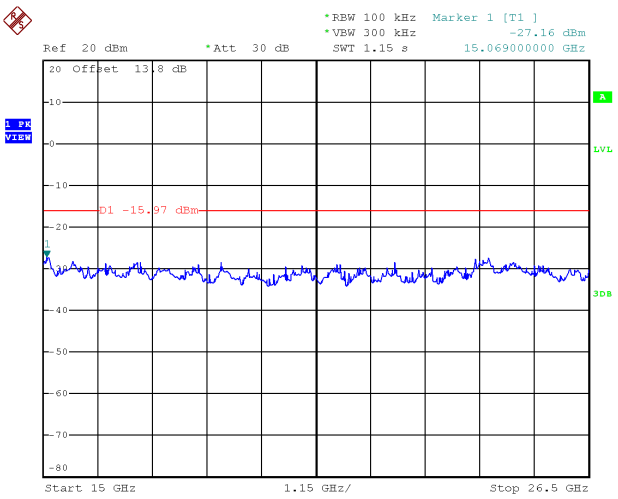
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:33:00



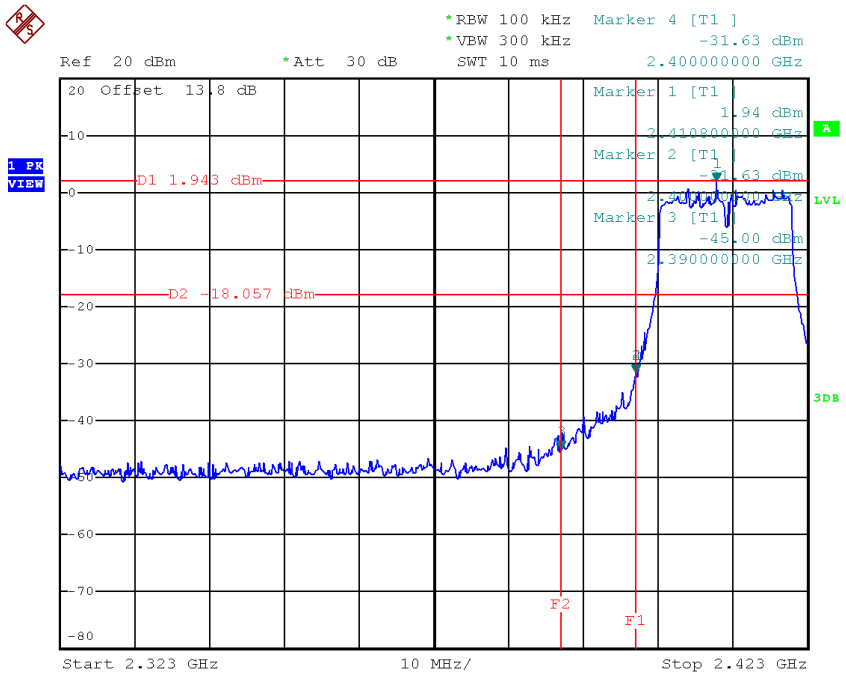
Date: 23.MAY.2017 21:33:07



Date: 23.MAY.2017 21:33:13

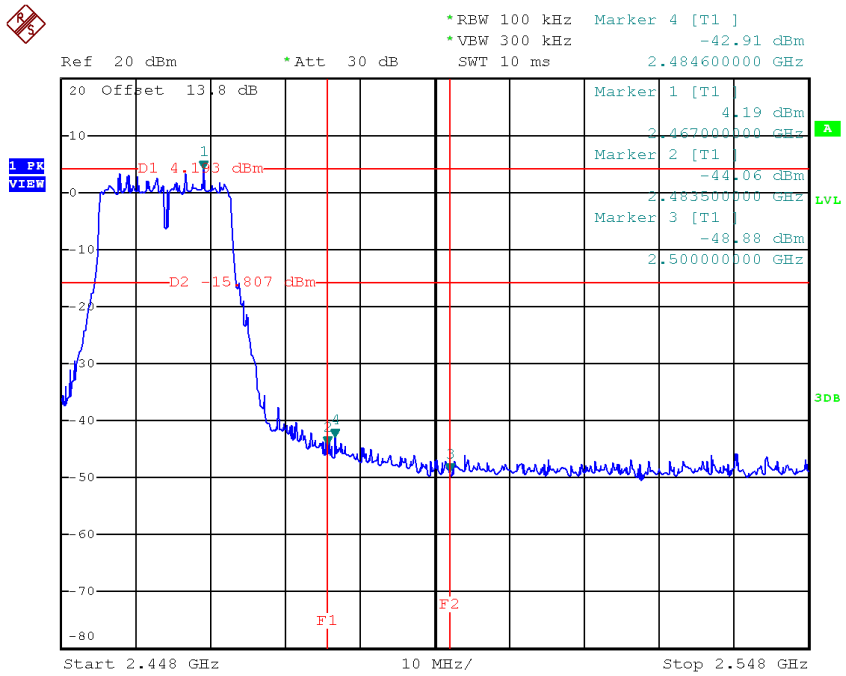
Test Mode :	TX N-20M Mode_ANT 2

TX HT20 mode CH01



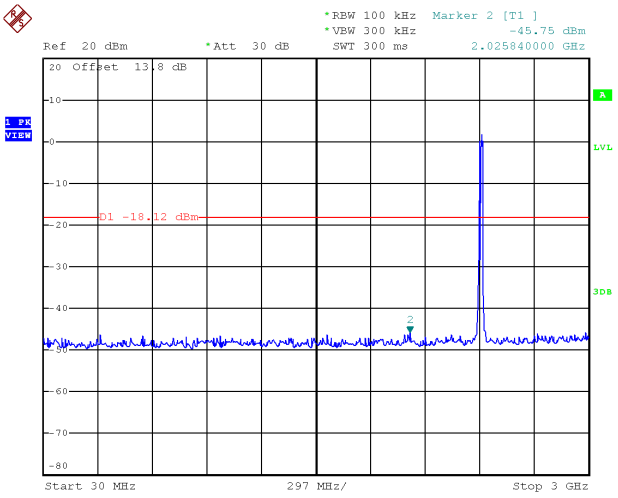
Date: 23.MAY.2017 21:30:04

TX HT20 mode CH11

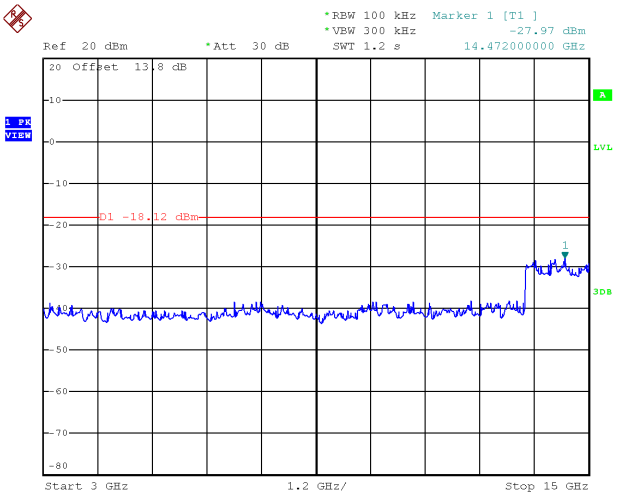


Date: 23.MAY.2017 21:34:42

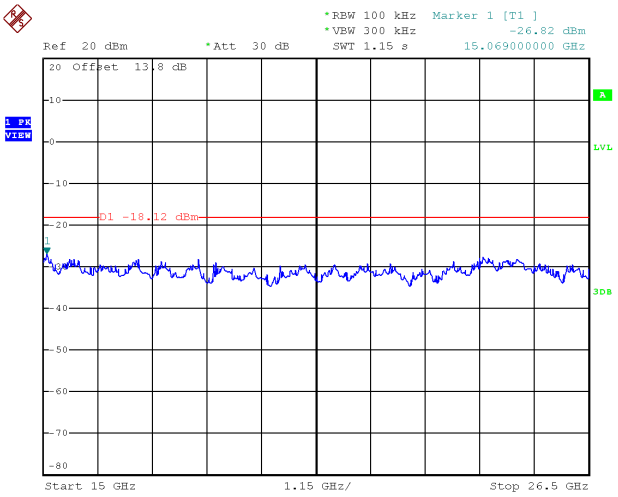
TX HT20 mode CH01 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:29:27

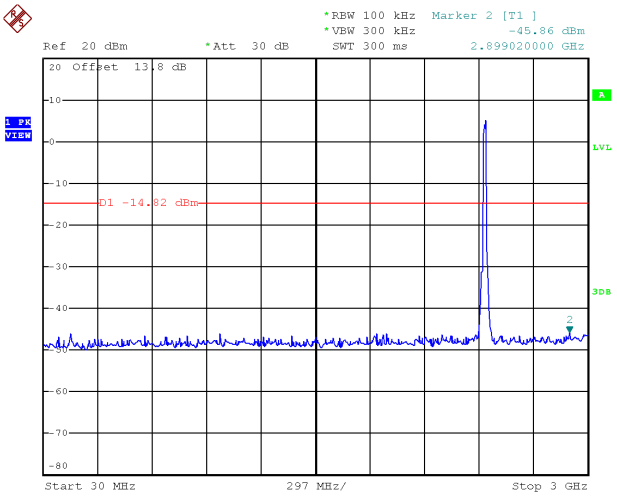


Date: 23.MAY.2017 21:29:34

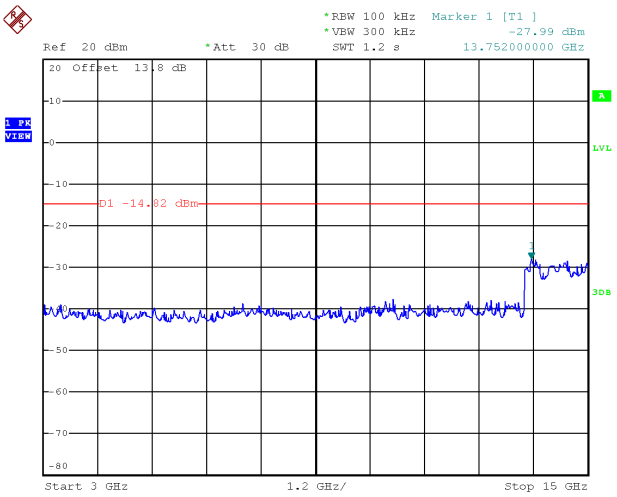


Date: 23.MAY.2017 21:29:41

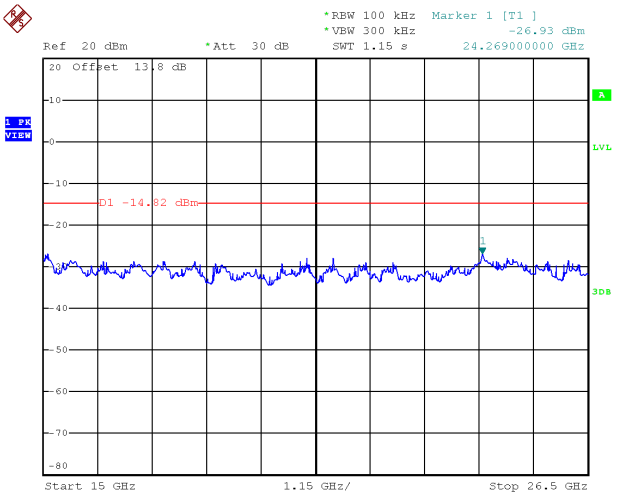
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:30:59

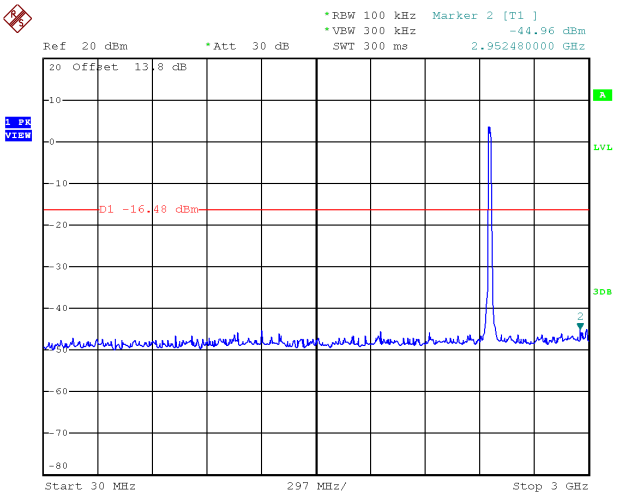


Date: 23.MAY.2017 21:31:06

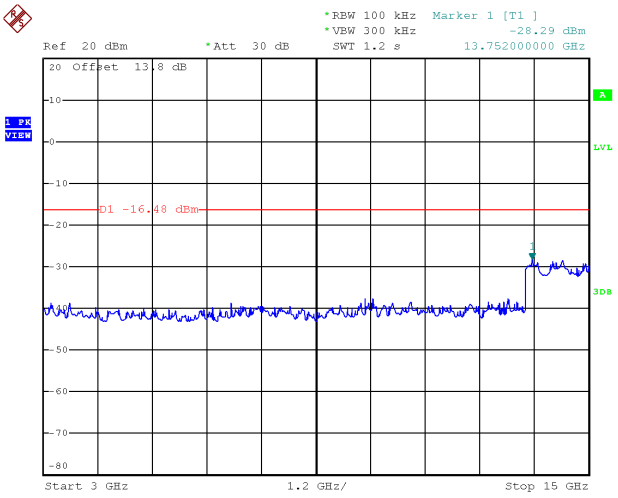


Date: 23.MAY.2017 21:31:13

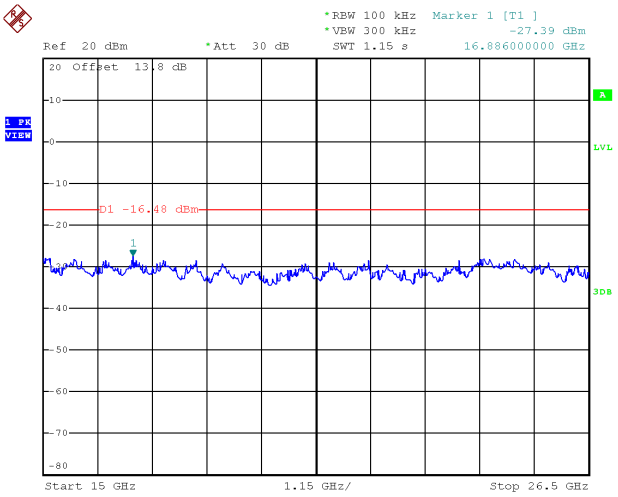
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 23.MAY.2017 21:34:21



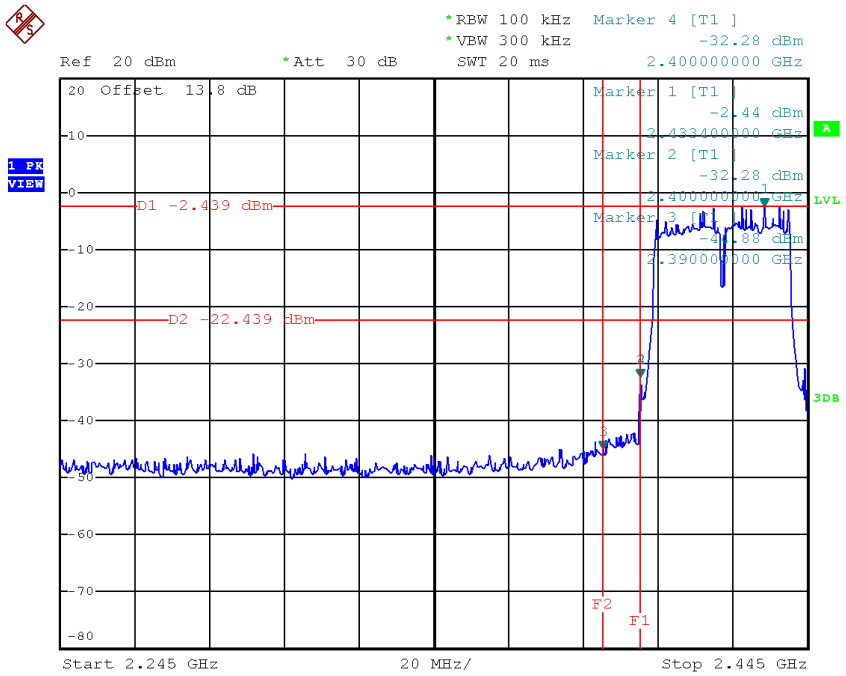
Date: 23.MAY.2017 21:34:28



Date: 23.MAY.2017 21:34:35

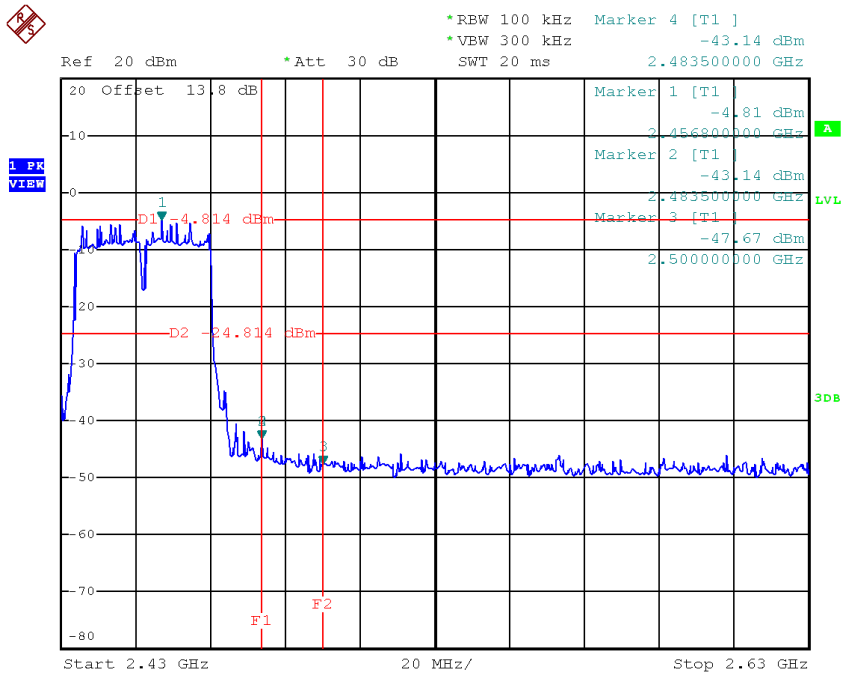
Test Mode :	TX N-40M Mode_ANT 1

TX HT40 mode CH03



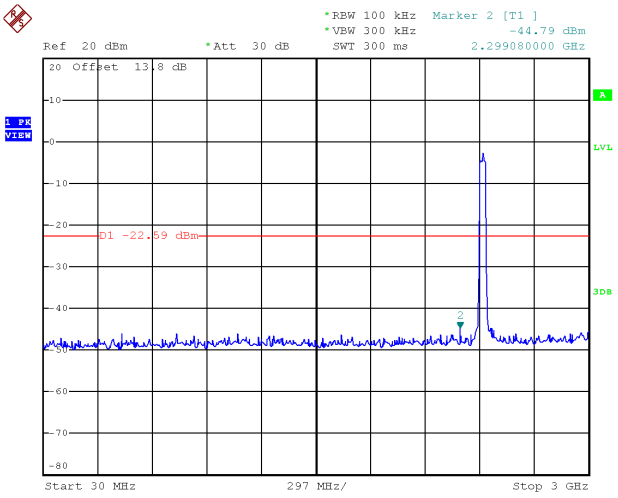
Date: 23.MAY.2017 22:14:02

TX HT40 mode CH09

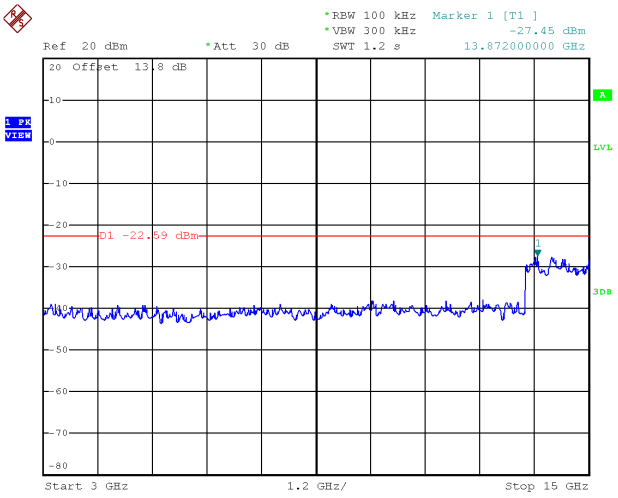


Date: 23.MAY.2017 22:21:10

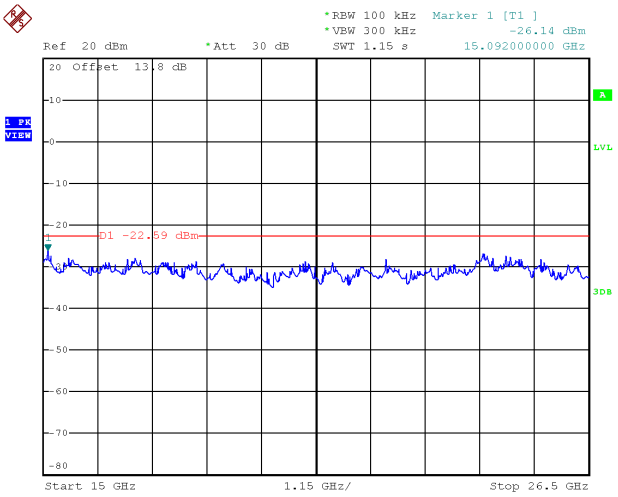
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:13:41

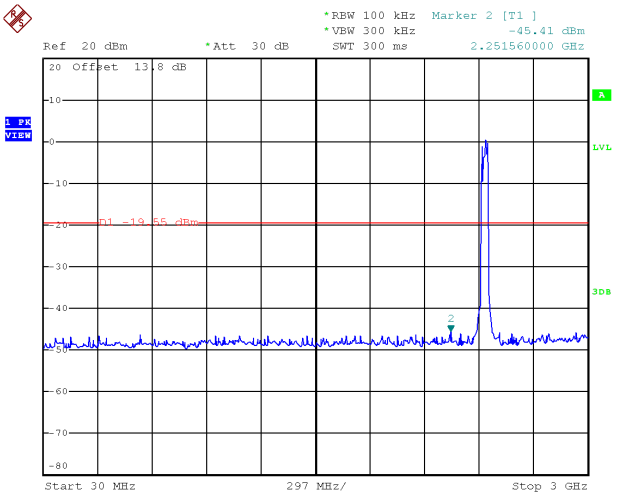


Date: 23.MAY.2017 22:13:48

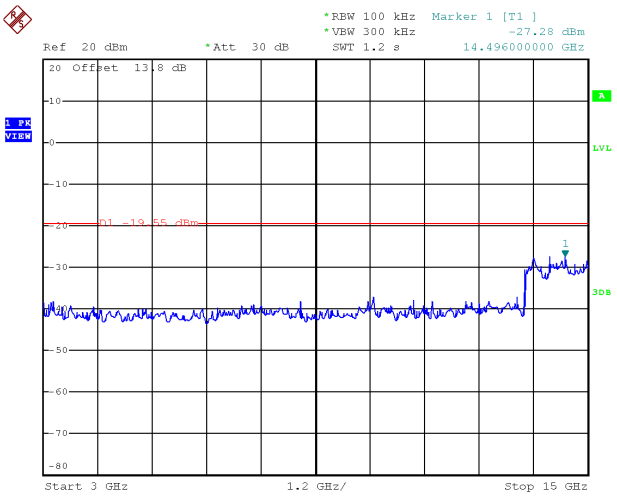


Date: 23.MAY.2017 22:13:55

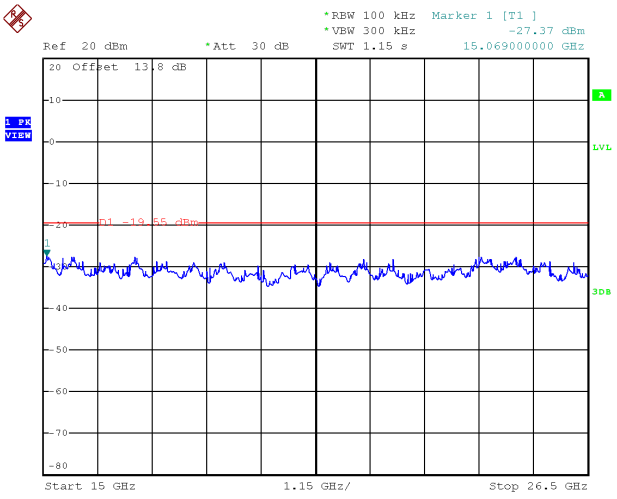
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:19:32

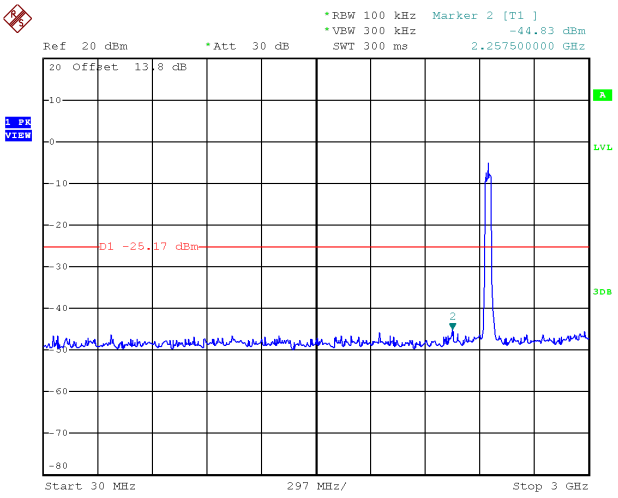


Date: 23.MAY.2017 22:19:39

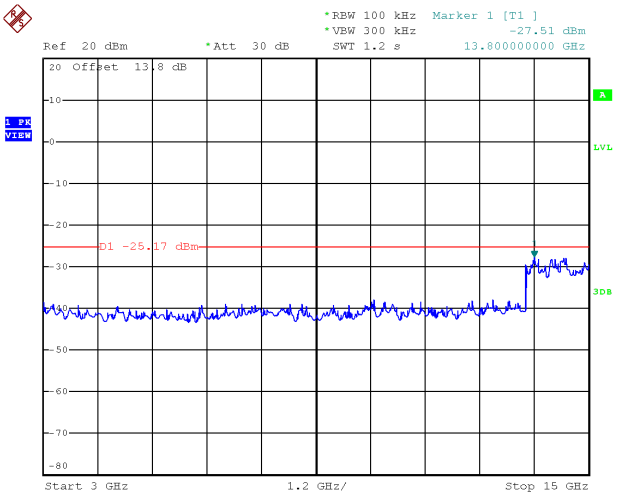


Date: 23.MAY.2017 22:19:46

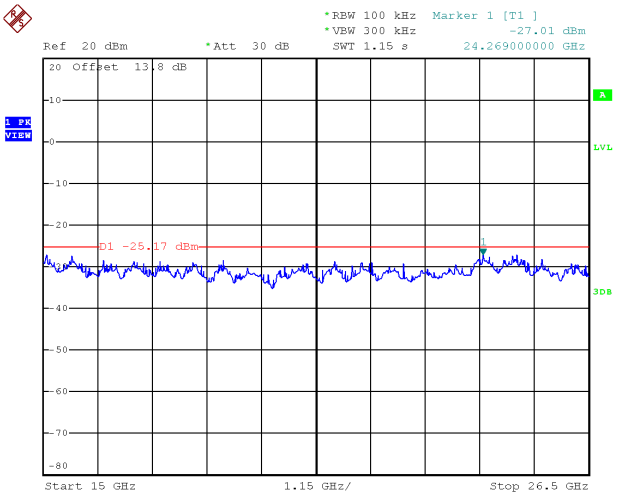
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:20:50



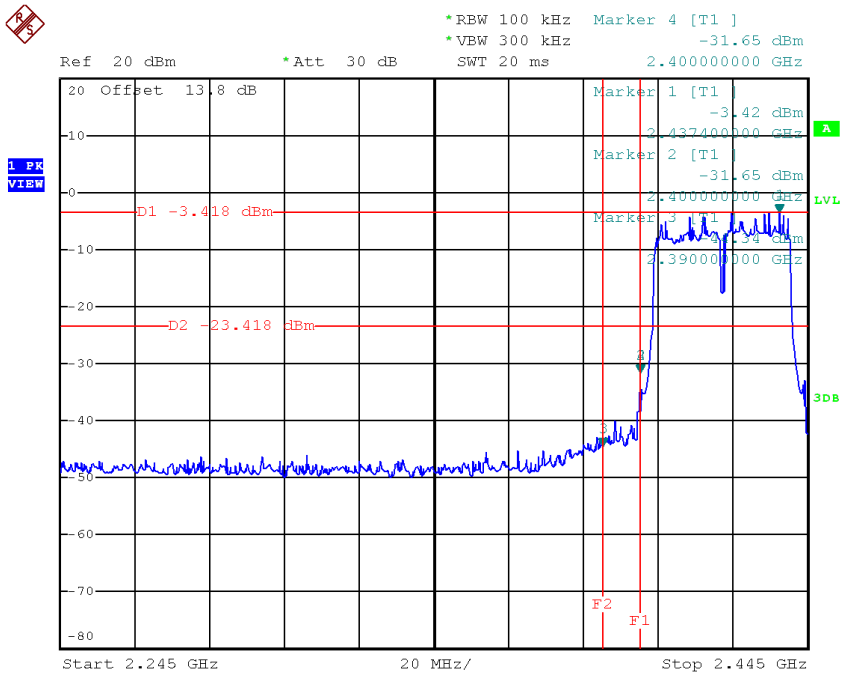
Date: 23.MAY.2017 22:20:57



Date: 23.MAY.2017 22:21:04

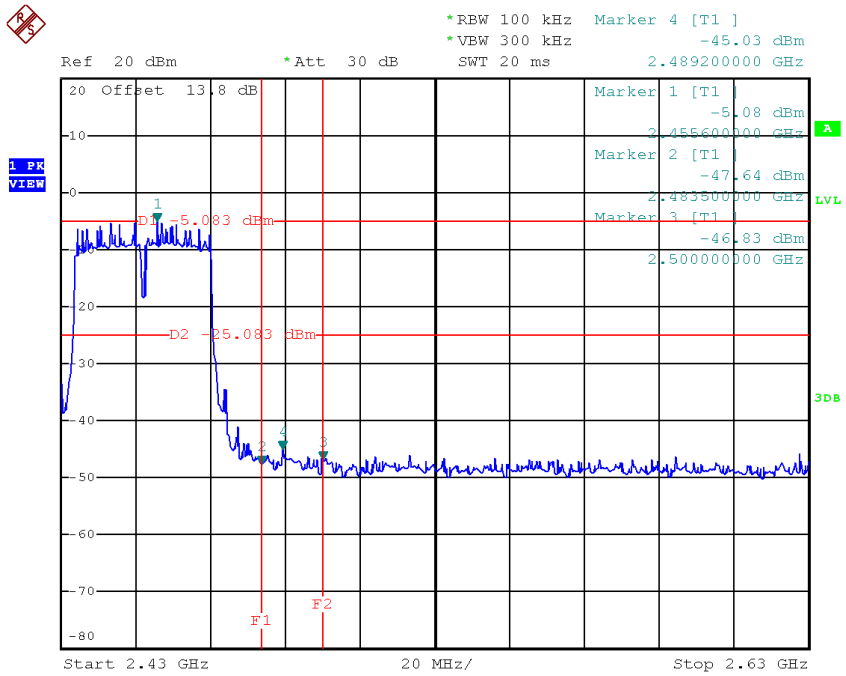
Test Mode :	TX N-40M Mode_ANT 2

TX HT40 mode CH03



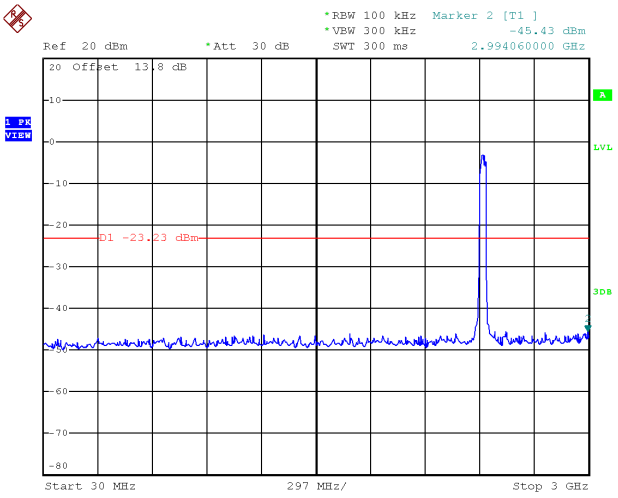
Date: 23.MAY.2017 22:17:36

TX HT40 mode CH09

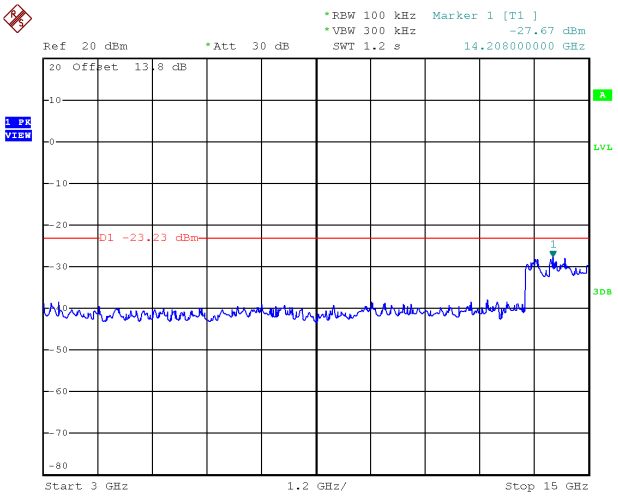


Date: 23.MAY.2017 22:22:41

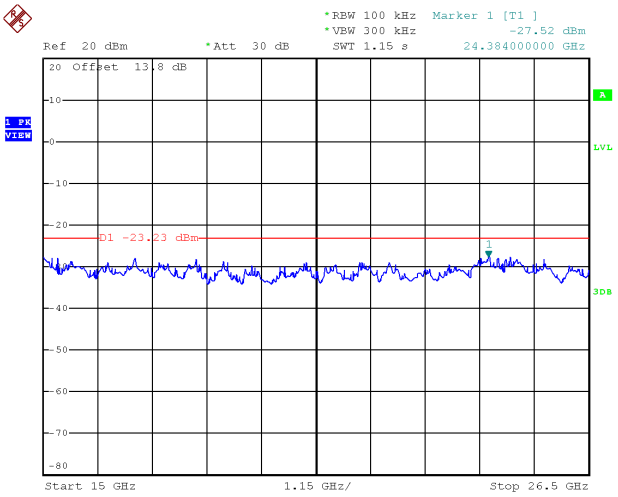
TX HT40 mode CH03 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:17:15

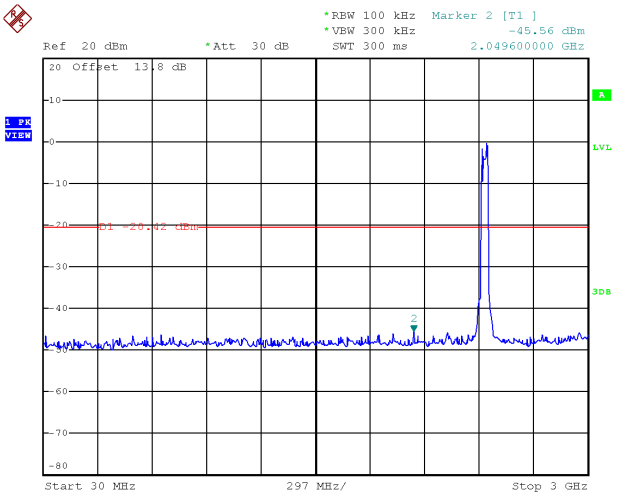


Date: 23.MAY.2017 22:17:22

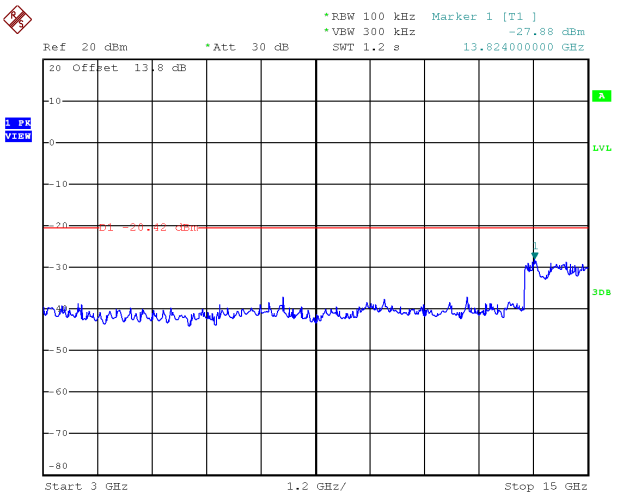


Date: 23.MAY.2017 22:17:29

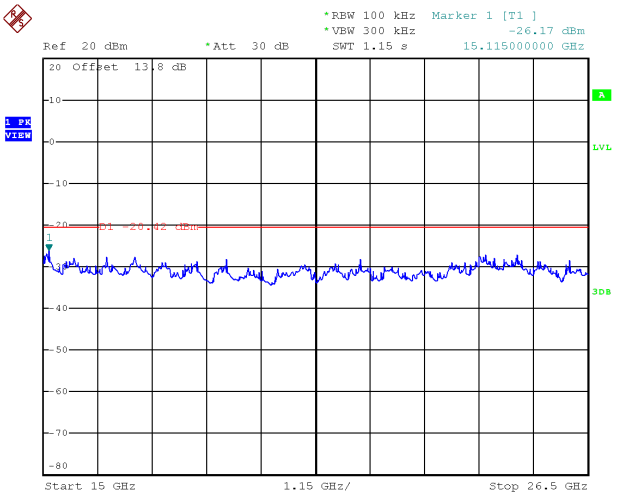
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:18:33

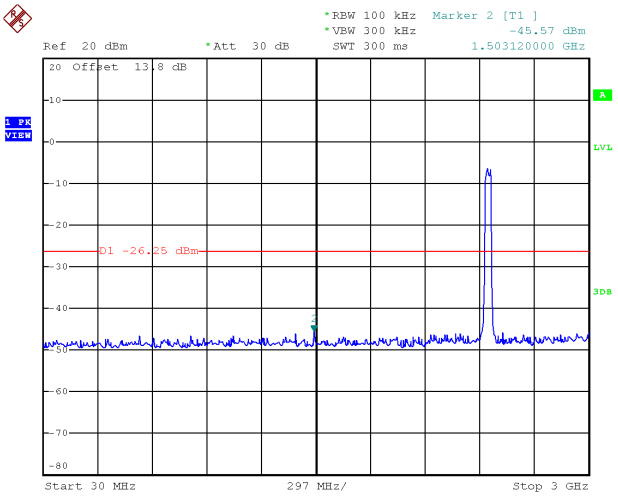


Date: 23.MAY.2017 22:18:40

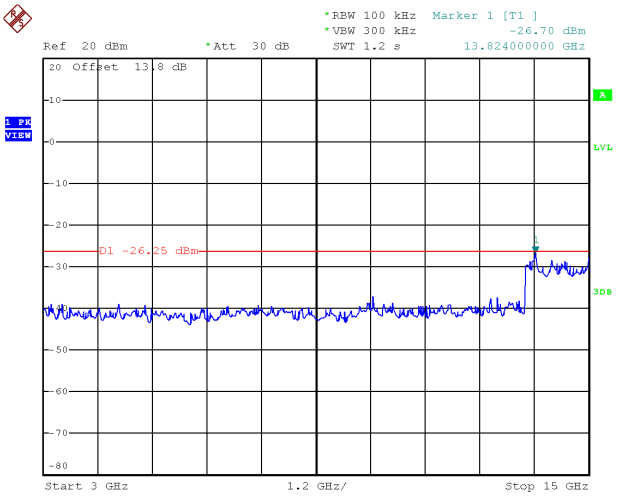


Date: 23.MAY.2017 22:18:47

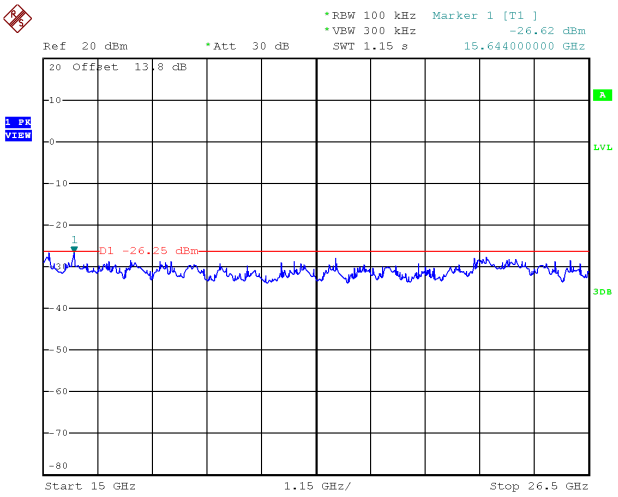
TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 23.MAY.2017 22:22:03



Date: 23.MAY.2017 22:22:10

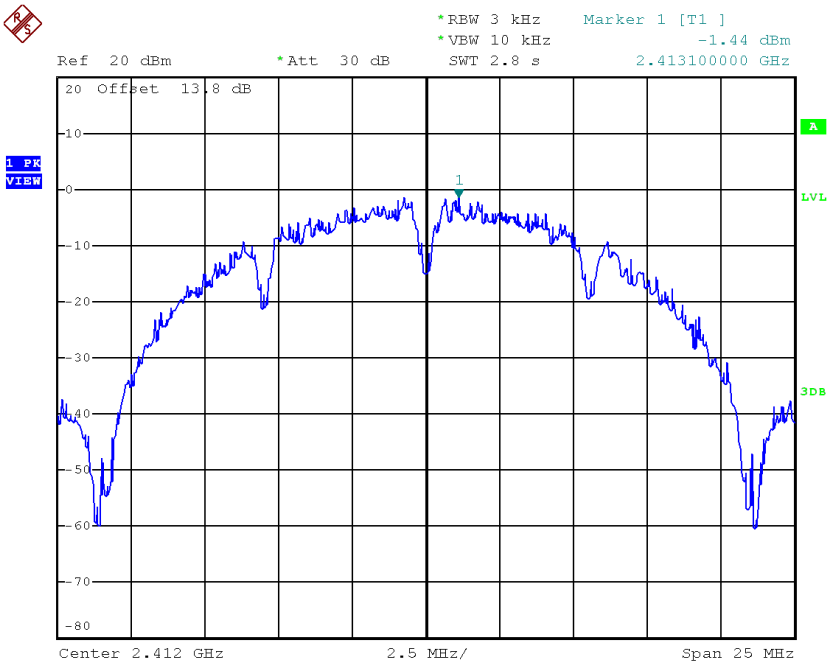


Date: 23.MAY.2017 22:22:17

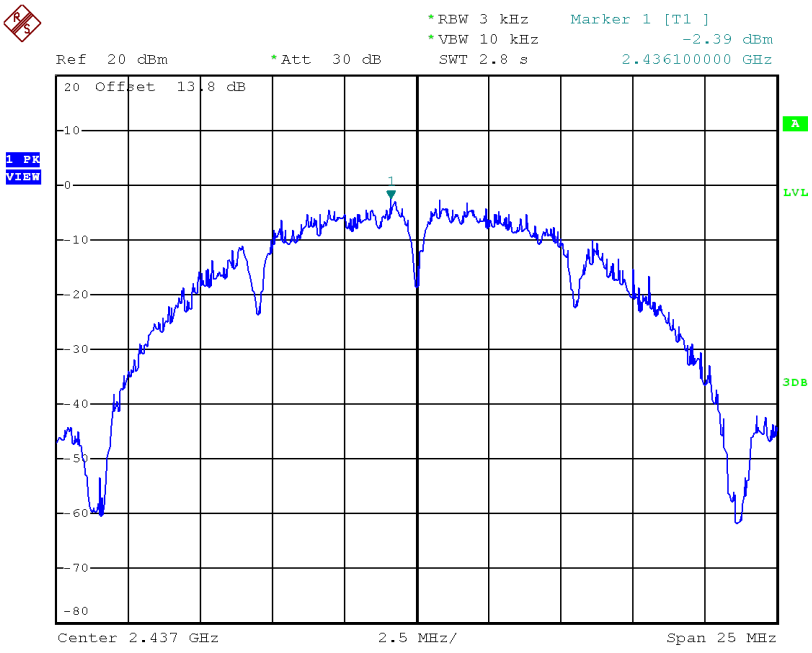
ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode :TX B Mode_CH01/06/11_ANT 1				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-1.44	0.72	8.00	Complies
2437	-2.39	0.58	8.00	Complies
2462	-0.82	0.83	8.00	Complies

TX CH01

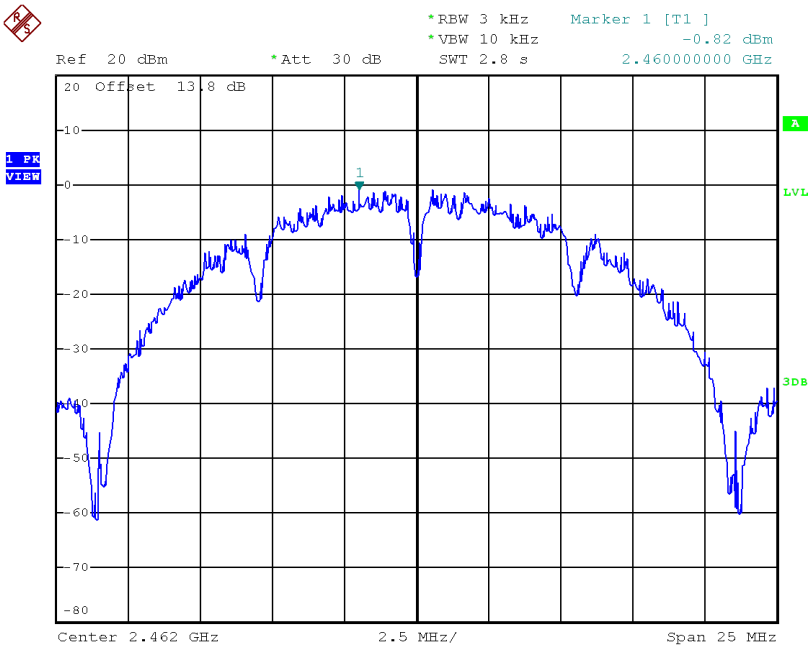


TX CH06



Date: 23.MAY.2017 22:30:10

TX CH11

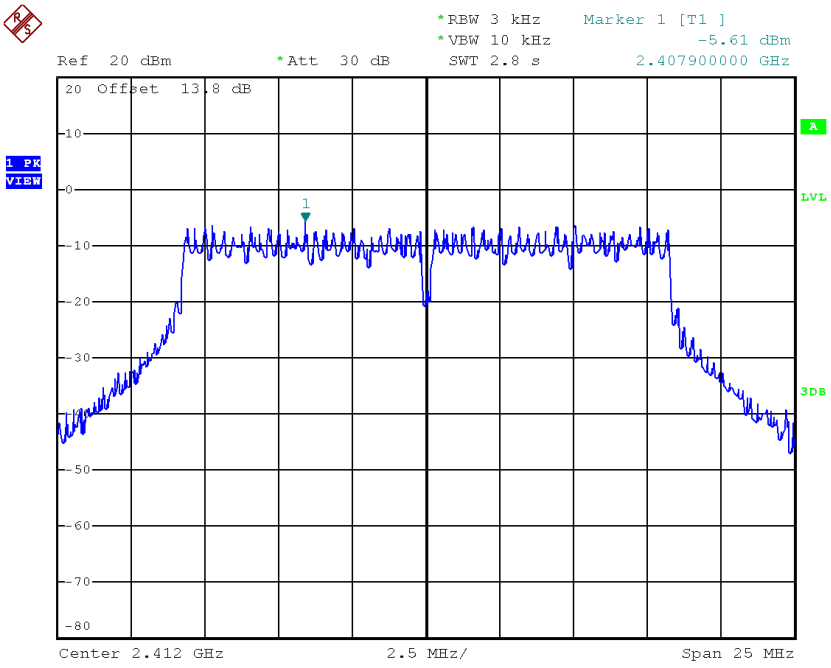


Date: 23.MAY.2017 22:38:18

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

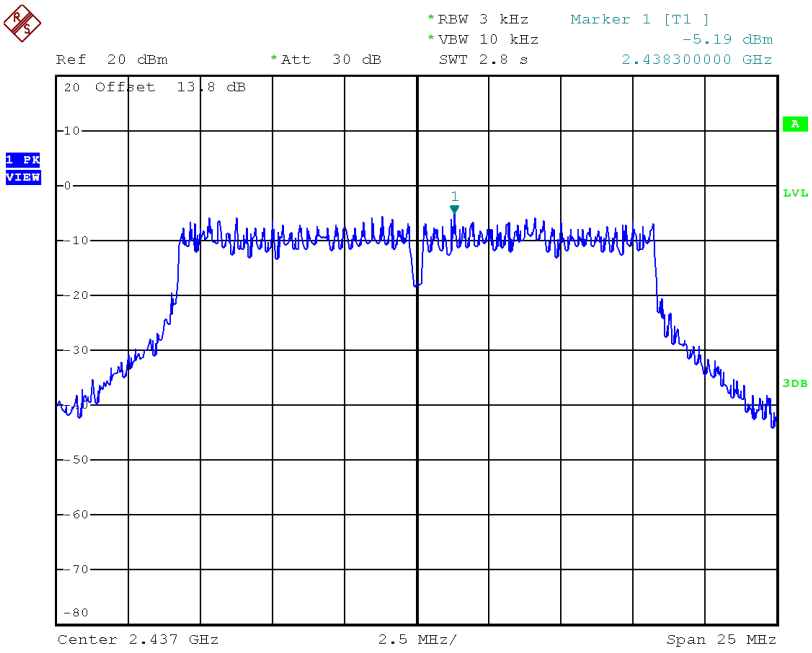
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-5.61	0.27	8.00	Complies
2437	-5.19	0.30	8.00	Complies
2462	-4.71	0.34	8.00	Complies

TX CH01



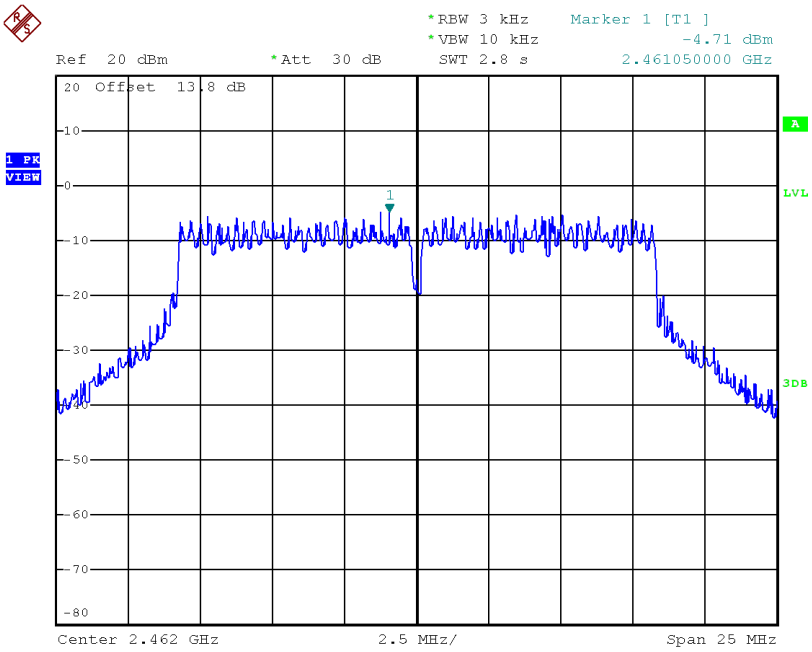
Date: 23.MAY.2017 21:12:16

TX CH06



Date: 23.MAY.2017 21:16:54

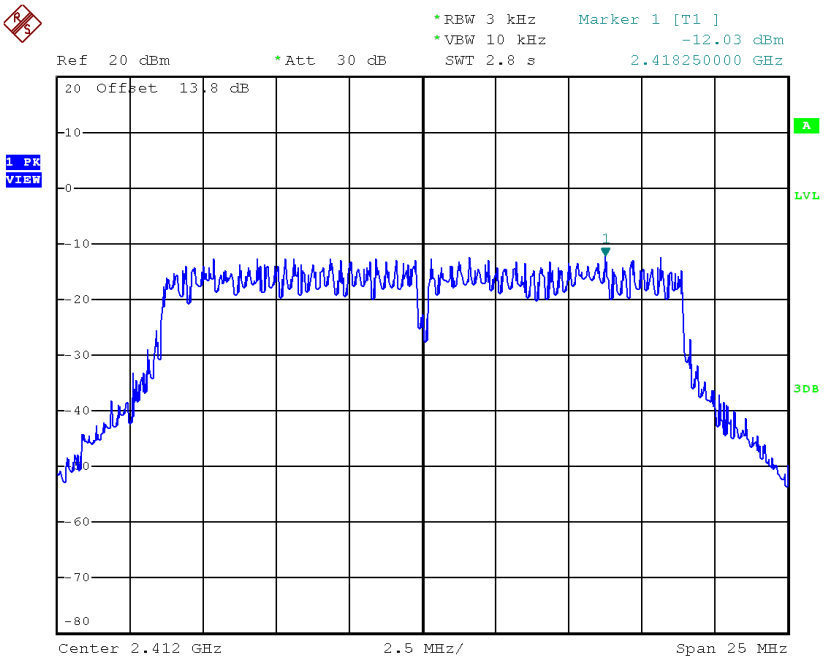
TX CH11



Date: 23.MAY.2017 21:21:12

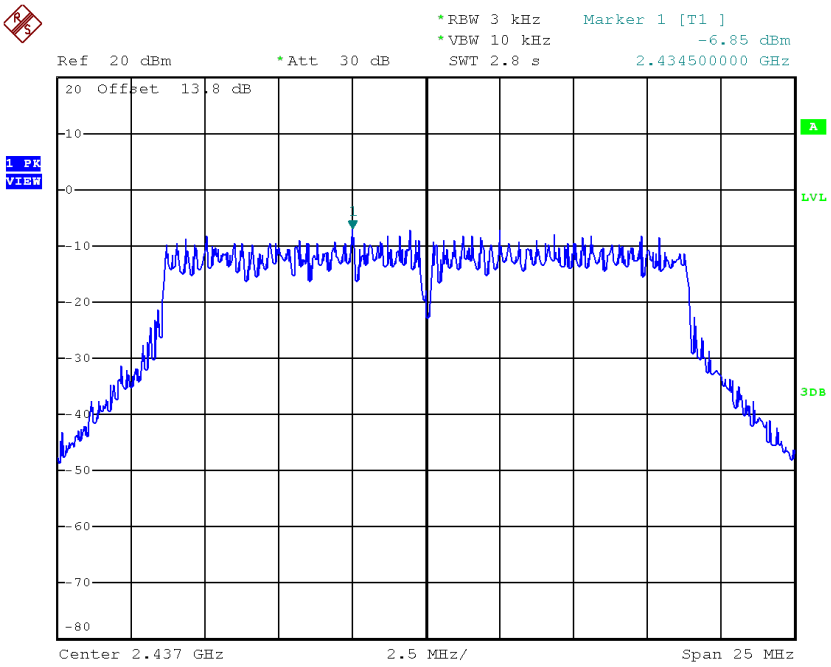
Test Mode : TX N-20M Mode_CH01/06/11_ANT 1				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.03	0.06	7.44	Complies
2437	-6.85	0.21	7.44	Complies
2462	-9.66	0.11	7.44	Complies

TX CH01



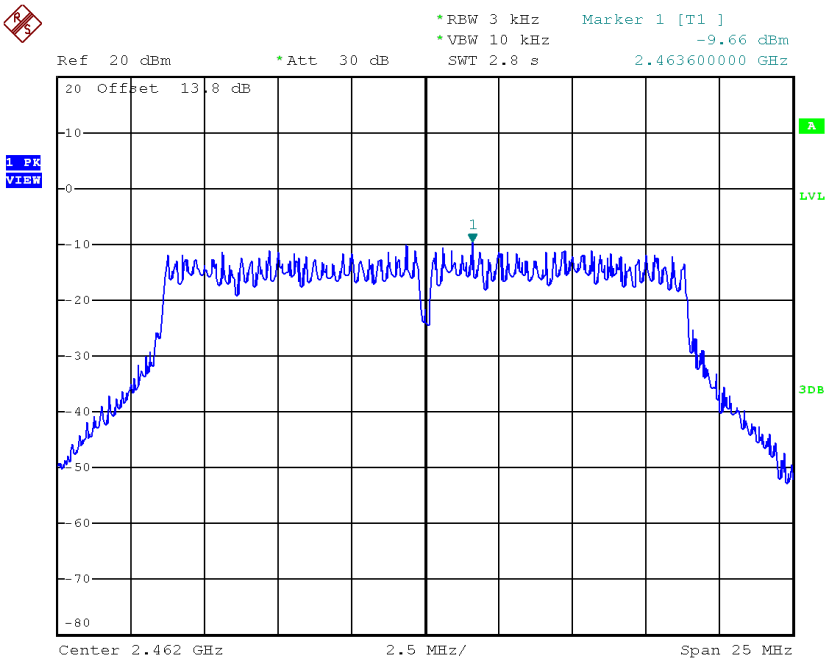
Date: 23.MAY.2017 21:28:53

TX CH06



Date: 23.MAY.2017 21:32:09

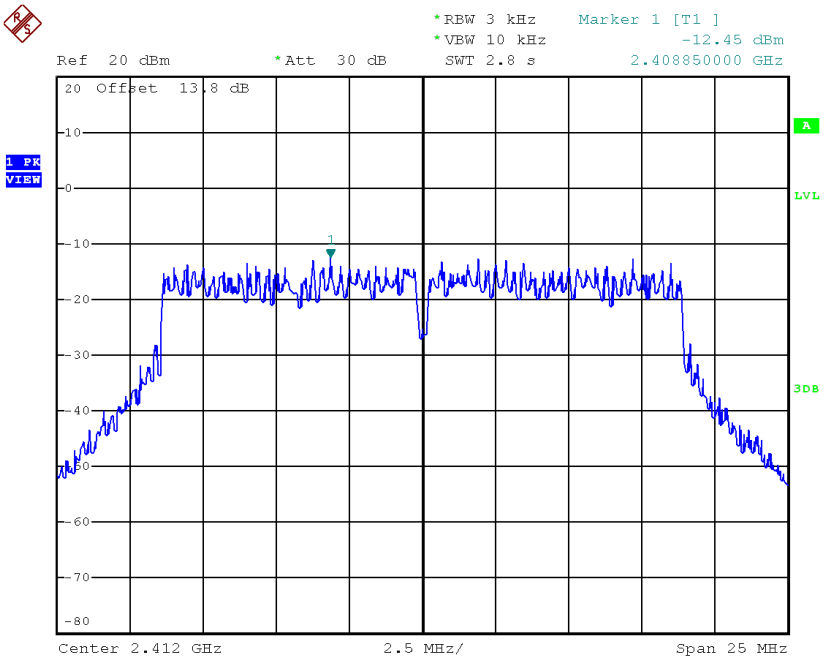
TX CH11



Date: 23.MAY.2017 21:33:46

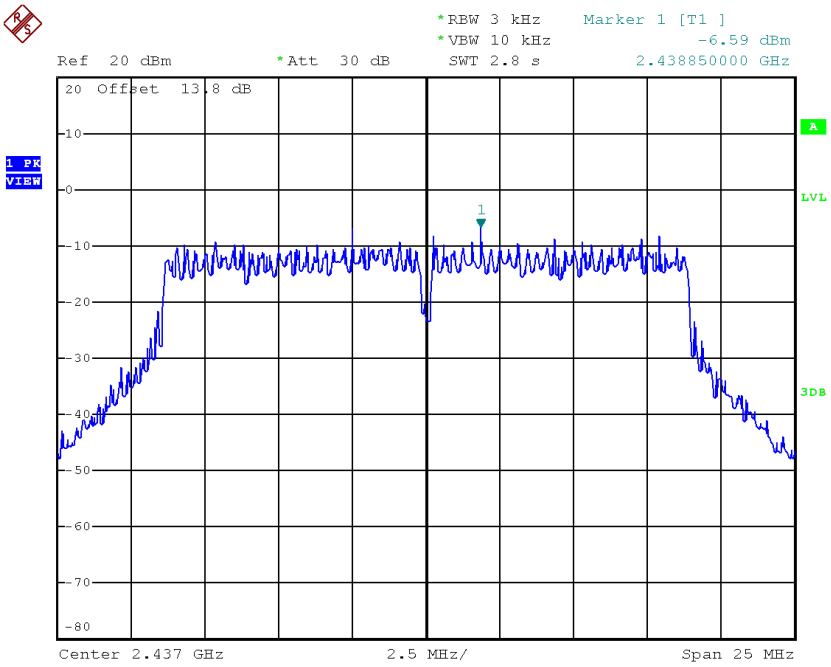
Test Mode : TX N-20M Mode_CH01/06/11_ANT 2				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-12.45	0.06	7.44	Complies
2437	-6.59	0.22	7.44	Complies
2462	-10.64	0.09	7.44	Complies

TX CH01



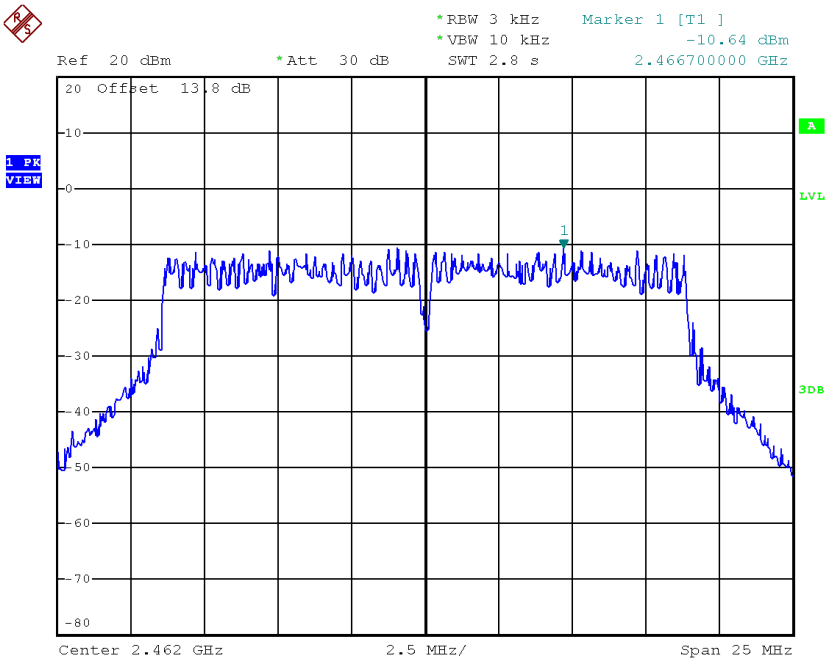
Date: 23.MAY.2017 21:30:13

TX CH06



Date: 23.MAY.2017 21:31:21

TX CH11

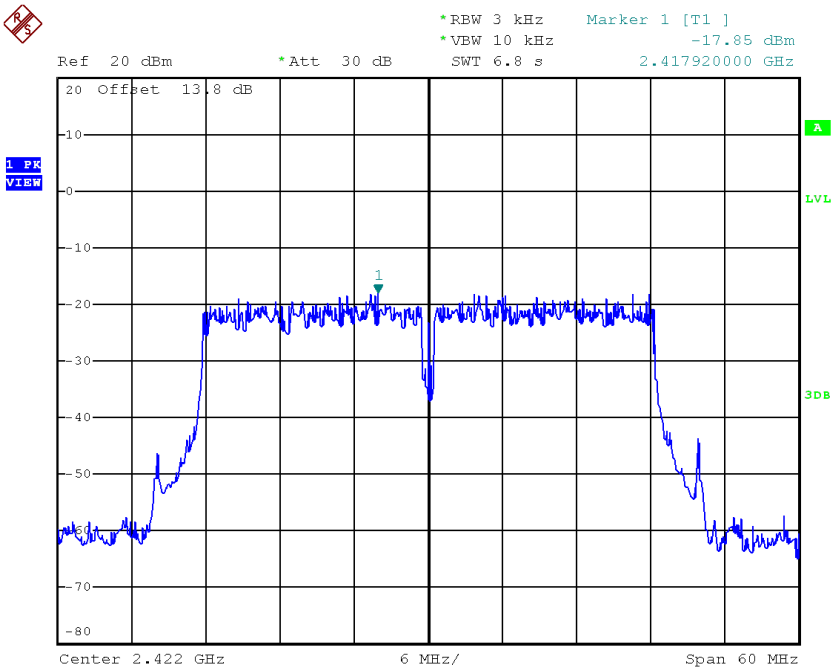


Date: 23.MAY.2017 21:34:51

Test Mode : TX N-20M Mode_CH01/06/11_Total				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-9.22	0.12	7.44	Complies
2437	-3.71	0.43	7.44	Complies
2462	-7.11	0.19	7.44	Complies

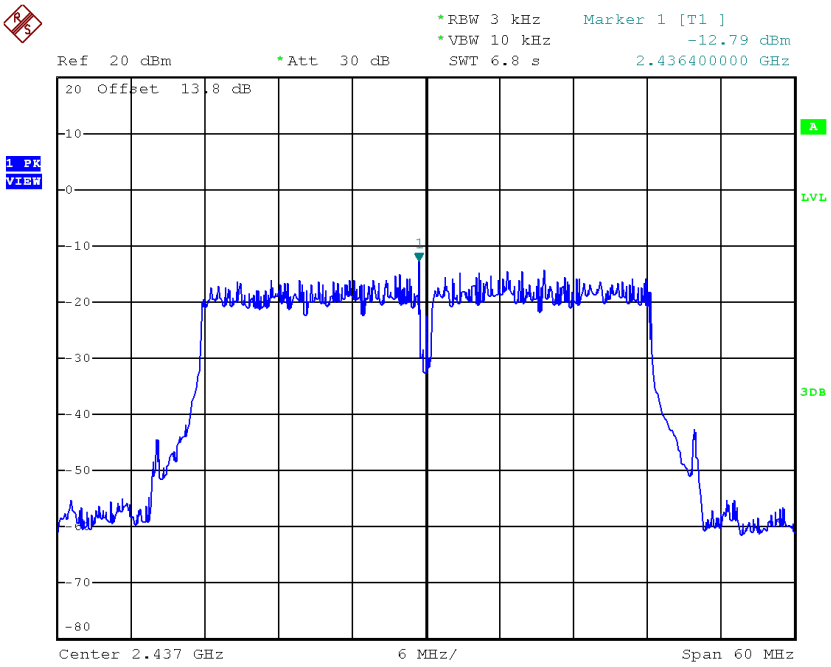
Test Mode : TX N-40M Mode_CH03/06/09_ANT 1				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-17.85	0.02	7.44	Complies
2437	-12.79	0.05	7.44	Complies
2452	-19.54	0.01	7.44	Complies

TX CH03



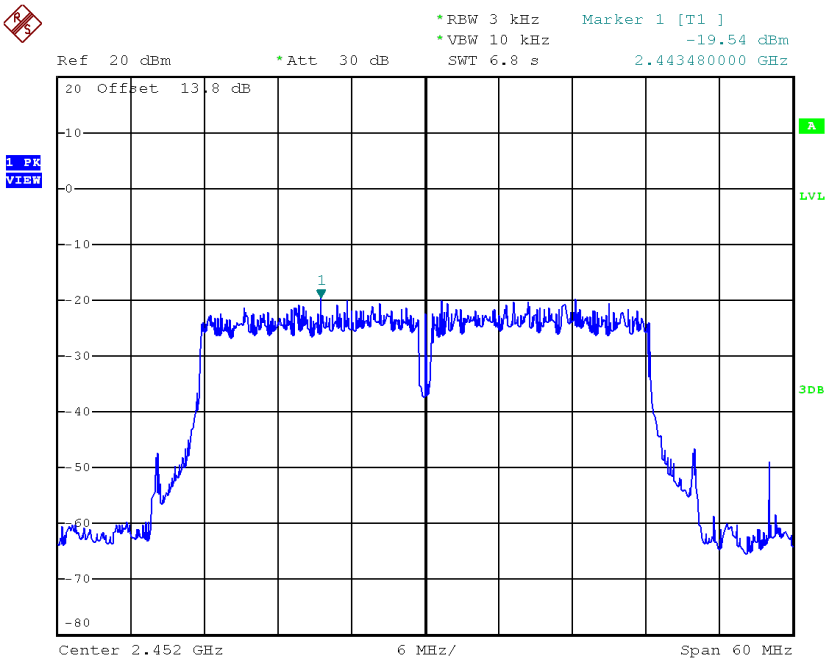
Date: 23.MAY.2017 22:14:14

TX CH06



Date: 23.MAY.2017 22:19:57

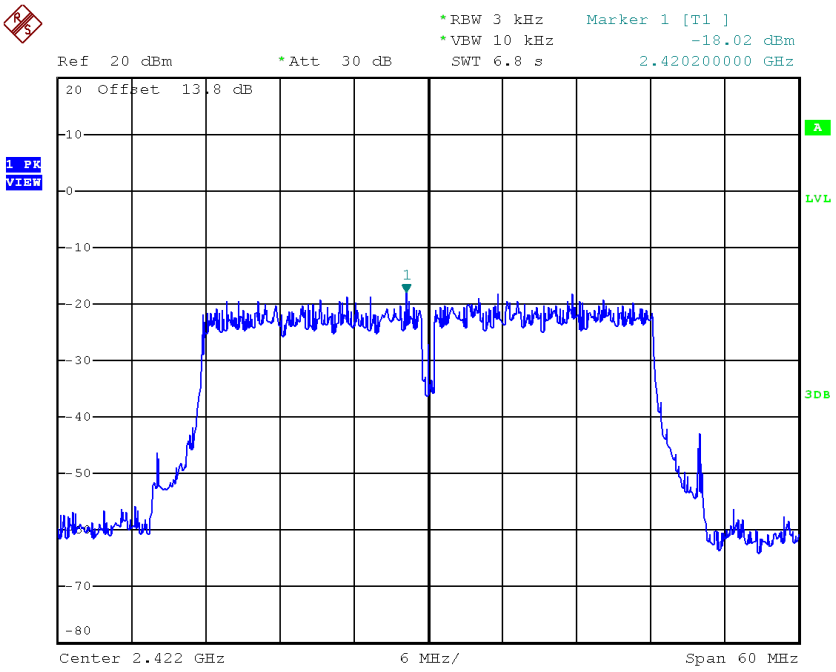
TX CH09



Date: 23.MAY.2017 22:21:22

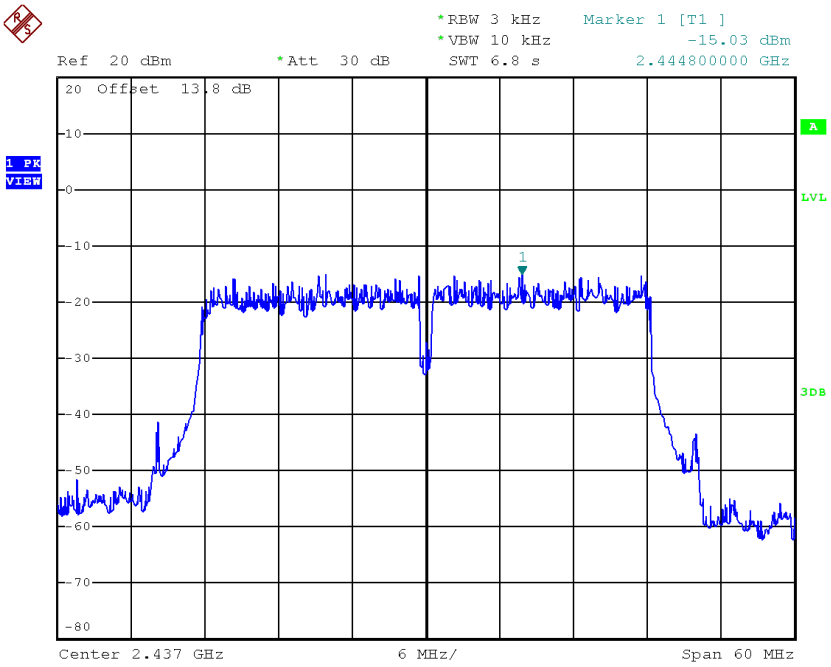
Test Mode : TX N-40M Mode_CH03/06/09_ANT 2				
Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-18.02	0.02	7.44	Complies
2437	-15.03	0.03	7.44	Complies
2452	-19.91	0.01	7.44	Complies

TX CH03



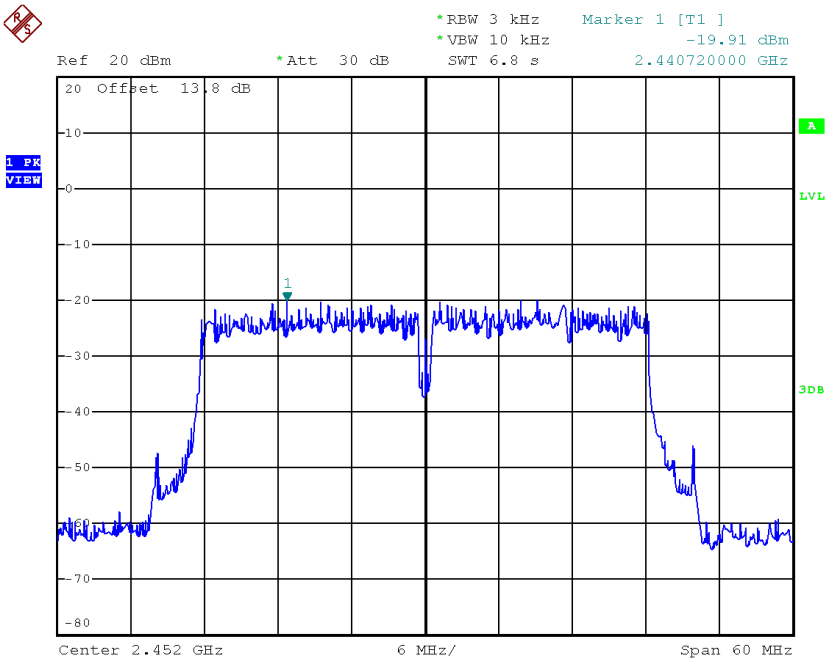
Date: 23.MAY.2017 22:17:47

TX CH06



Date: 23.MAY.2017 22:18:59

TX CH09



Date: 23.MAY.2017 22:22:53

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	-14.92	0.03	7.44	Complies
2437	-10.76	0.08	7.44	Complies
2452	-16.71	0.02	7.44	Complies