

FCC Radio Test Report

FCC ID: YWTWF55724MX

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

Project No. : 1511C223
Equipment : WiFi Module
Model Name : GWF-4M02

Applicant: Shenzhen Ogemray Technology Co.

Address: 3/F~4/F,NO.5 Bldg, Dongwu Industrial Park, Donghuan 1st Road, Longhua Town, Shenzhen,

China

Date of Receipt: Nov. 19, 2015

Date of Test : Nov. 19, 2015 ~ Dec. 23, 2015

Issued Date : Dec. 24, 2015 Tested by : BTL Inc.

Testing Engineer : Shawn Xioo

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Declaration

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1511C223	Original Issue.	Dec. 24, 2015

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1. CERTIFICATION

Equipment : WiFi Module

Brand Name: N/A

Model Name: GWF-4M02

Applicant : Shenzhen Ogemray Technology Co. Manufacturer : Shenzhen Ogemray Technology Co.

Address : 3/F~4/F,NO.5 Bldg, Dongwu Industrial Park, Donghuan 1st Road, Longhua

Town, Shenzhen, China

Factory : Shenzhen Ogemray Technology Co.

Address : 3/F~4/F,NO.5 Bldg, Dongwu Industrial Park, Donghuan 1st Road, Longhua

Town, Shenzhen, China

Date of Test : Nov. 19, 2015 ~ Dec. 23, 2015

Test Sample: Engineering Sample

Standard(s): FCC Part15, Subpart C: 2014 (15.247) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1511C223) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

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

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2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

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2.1 TEST FACILITY

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

BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
		9KHz ~ 30MHz	V	3.79
DG-CB03	9KHz ~ 30MHz	Н	3.57	
	30MHz ~ 200MHz	٧	3.82	
(3m)	' CISPR	30MHz ~ 200MHz	Н	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	Н	4.06

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

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

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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	WiFi Module			
Brand Name	N/A	N/A		
Model Name	GWF-4M02			
Model Difference	N/A			
	Operation Frequency	2412~2462 MHz		
Product Description	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM		
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps		
	Output Power (Max.)	802.11b: 17.21 dBm 802.11g: 11.72 dBm 802.11n(20MHz): 10.81 dBm 802.11n(40MHz): 10.84 dBm		
Power Source	Supplied from System			
Power Rating	DC 5V			

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

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed	N/A	2
2	N/A	N/A	Printed	N/A	2

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3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test		
Final Test Mode	Description	
Mode 5	TX Mode	

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

Note:

- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps) 802.11g mode: OFDM (6Mbps)

802.11n HT20 mode : BPSK (13Mbps) 802.11n HT40 mode : BPSK (27Mbps)

For radiated emission tests, the highest output powers were set for final test.

- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

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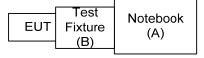


3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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		RT5x7xQA	
Frequency (MHz)	2412	2437	2462
802.11b	9	7	6
802.11g	12	0E	0D
802.11n (20MHz)	12	0C	0B
Frequency	2422	2437	2452
802.11n (40MHz)	0F	0D	0C

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.
Α	Notebook	DELL	INSPIRON 1420	DOC	JX193A01SDC2
В	Test Fixture	N/A	N/A	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
-				

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4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Fraguency of Emission (MHz)	Conducted Limit (dBμV)		
Frequency of Emission (MHz)	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 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

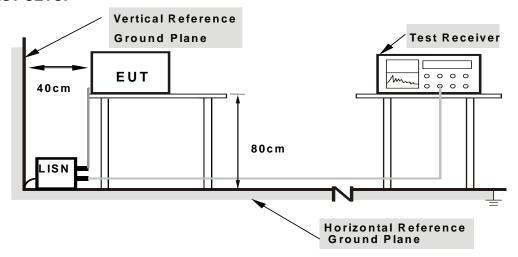
4.1.3 DEVIATION FROM TEST STANDARD

No deviation

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4.1.4 TEST SETUP



Note: 1. Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

4.1.5 EUT OPERATING CONDITIONS

The EUT was placed on the test table and programmed in normal function.

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
Frequency (Wiriz)	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	1MHz / 3MHz for Peak,
(Emission in restricted band)	1MHz / 1 MHz for Average

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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 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- 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 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. 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.
- e. 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)
- f. 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)
- g. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

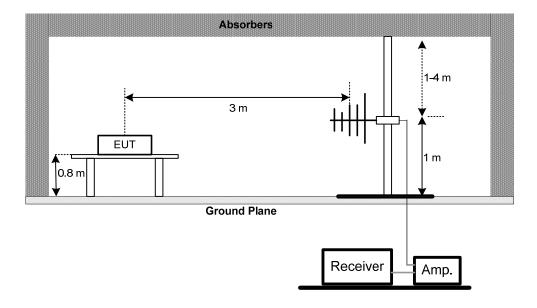
No deviation

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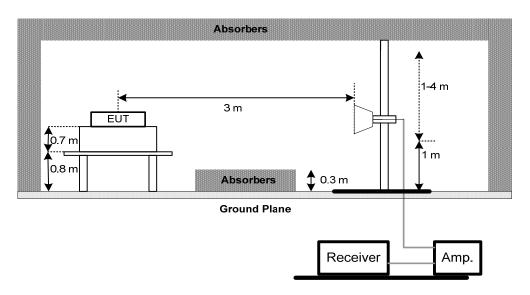


4.2.4 TEST SETUP

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



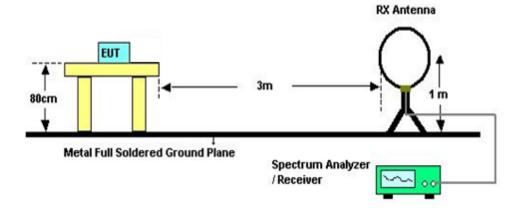
(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



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(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 Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (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.

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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

EUT	SPECTRUM
	ANALYZER

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.

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6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance v03r03.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

EUT	Power Meter
	1 0 1 0 1 1 1 1 1 1 1

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.

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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.

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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

EUT	SPECTRUM
	ANALYZER

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.

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9. MEASUREMENT INSTRUMENTS LIST

	Conducted Emission Measurement								
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until				
1	LISN	EMCO	3816/2	0052765	Mar. 28, 2016				
2	LISN R&S		ENV216	101447	Mar. 28, 2016				
3	Test Cable emci		RG223(9KHz-30 MHz)	C_17	Mar. 13, 2016				
4	EMI Test Receiver	R&S	ESCS30	826547/022	Mar. 28, 2016				
5	50Ω Terminator SHX		TF2-3G-A	08122901	Mar. 28, 2016				
6	Measurement Farad		EZ-EMC Ver.NB-03A1-01	N/A	N/A				

	Radiated Emission Measurement							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016			
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016			
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016			
4	Test Cable	emci	LMR-400(30MH z-1GHz)	C-01	Jun. 28, 2016			
5	Antenna	ETS	3115	00075789	Mar. 28, 2016			
6	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016			
7	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016			
8	Test Cable	emci	EMC104-SM-S M-10000(1GHz -26.5GHz)	C-68	Jun. 28, 2016			
9	Controller	CT	SC100	N/A	N/A			
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016			
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016			
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016			
13	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A			

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	6dB Bandwidth Measurement							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016			
2	Test Cable emci		EMC104-SM-S M-9000(0.01GH z-26.5GHz)	C-100	N/A			

Peak Output Power Measurement							
Item	em Kind of Equipment Manufacturer Type No. Serial No. Calibrated until						
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 28, 2016		
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 28, 2016		

Antenna Conducted Spurious Emission Measurement							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until		
1	Spectrum Analyzer R&S		FSP 40	100185	Oct. 11, 2016		
2	Test Cable emci		EMC104-SM-S M-9000(0.01GH z-26.5GHz)	C-100	N/A		

Power Spectral Density Measurement							
Item	Calibrated until						
1	Spectrum Analyzer R&S		FSP 40	100185	Oct. 11, 2016		
2	Test Cable emci		EMC104-SM-S M-9000(0.01GH z-26.5GHz)	C-100	N/A		

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

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10. EUT TEST PHOTO







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Radiated Measurement Photos

9KHz to 30MHz

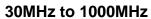


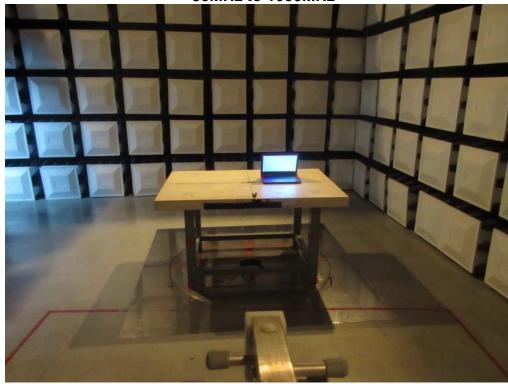


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Radiated Measurement Photos



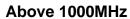




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Radiated Measurement Photos







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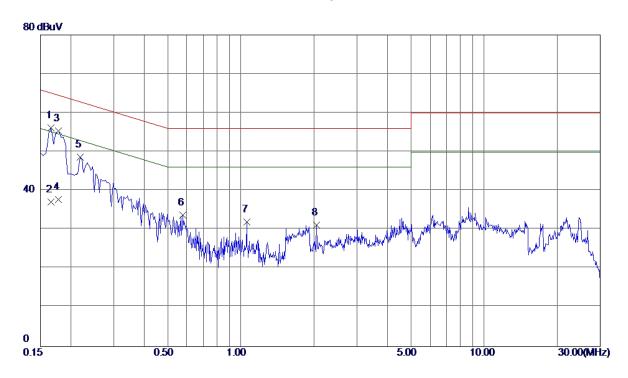
ATTACHMENT A - CONDUCTED EMISSION					

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Line



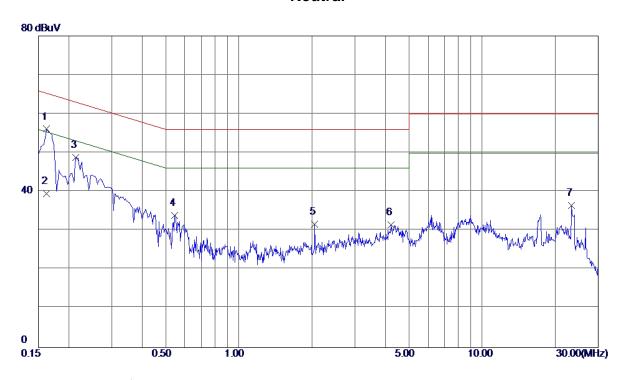
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1660	46.63	9. 56	56. 19	65. 16	-8. 97	Peak	
2	0.1660	27.60	9. 56	37. 16	55. 16	-18.00	AVG	
3	0.1780	45. 87	9. 56	55. 43	64.58	-9. 15	Peak	
4	0.1780	28. 25	9. 56	37.81	54. 58	-16. 77	AVG	
5	0.2180	39.00	9. 58	48. 58	62.89	-14.31	Peak	
6	0.5780	24. 10	9.71	33.81	56.00	-22. 19	Peak	
7	1.0580	22. 24	9.80	32.04	56.00	-23.96	Peak	
8	2.0460	21. 34	9. 93	31. 27	56.00	-24.73	Peak	

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Test Mode : TX Mode

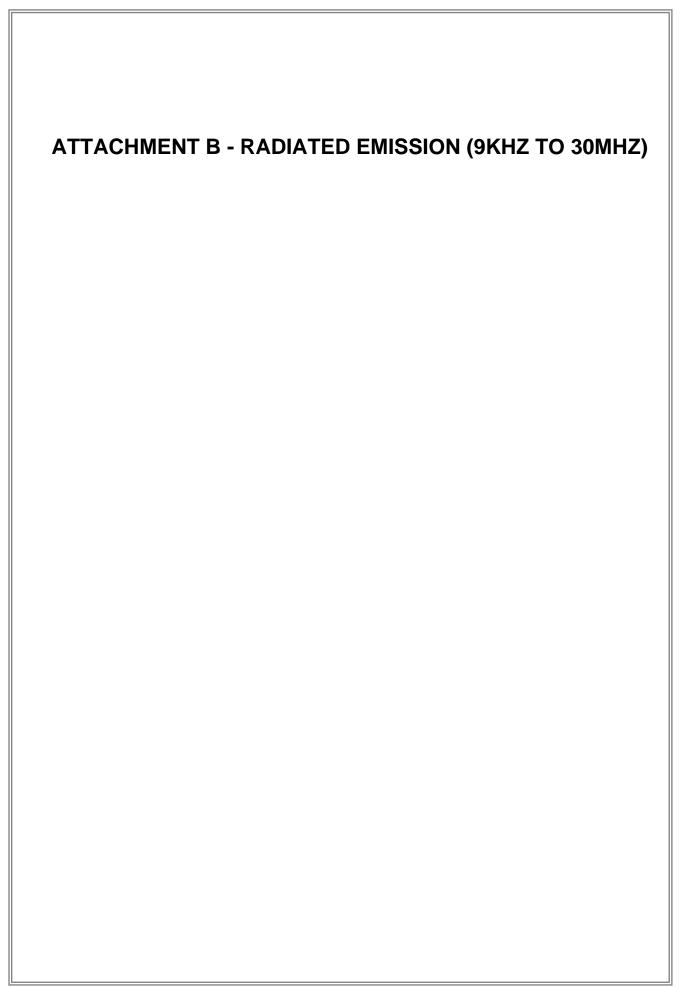
Neutral



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1620	46. 60	9.48	56. 08	65. 36	-9. 28	Peak	
2	0.1620	30.04	9.48	39. 52	55.36	-15.84	AVG	
3	0. 2140	39. 34	9. 50	48. 84	63.05	-14. 21	Peak	
4	0.5460	24.41	9. 56	33. 97	56.00	-22.03	Peak	
5	2.0460	21. 97	9. 72	31. 69	56.00	-24.31	Peak	
6	4. 2220	21.63	9. 92	31. 55	56.00	-24.45	Peak	
7	23. 2900	26. 43	9. 99	36. 42	60.00	-23. 58	Peak	

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Test Mode: TX B MODE CHANNEL 01

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0123	0°	13.56	24.7877	38.3477	125.8061	-87.4585	AVG
0.0123	0°	14.33	24.7877	39.1177	145.8061	-106.6885	PEAK
0.0264	0°	6.34	23.8947	30.2347	119.1721	-88.9375	AVG
0.0264	0°	8.24	23.8947	32.1347	139.1721	-107.0375	PEAK
0.0375	0°	3.29	23.1917	26.4817	116.1236	-89.6419	AVG
0.0375	0°	5.32	23.1917	28.5117	136.1236	-107.6119	PEAK
0.0543	0°	1.23	22.3140	23.5440	112.9082	-89.3642	AVG
0.0543	0°	2.62	22.3140	24.9340	132.9082	-107.9742	PEAK
0.5017	0°	19.37	19.8054	39.1754	73.5953	-34.4199	QP
1.9582	0°	23.69	19.5042	43.1942	69.5400	-26.3458	QP

			T	1	1	Т		
Frequency	Ant	Read level	Factor	Measured(FS)	Limit	Margin	Note	
(MHz)	0°/90°	dBuV/m	(dB)	(dBuV/m) (dBuV/m)		(dB)	14010	
0.0131	90°	13.36	24.3000	37.6600	125.2588	-87.5988	AVG	
0.0131	90°	14.73	24.3000	39.0300	145.2588	-106.2288	PEAK	
0.0253	90°	7.41	23.9643	31.3743	119.5418	-88.1675	AVG	
0.0253	90°	8.78	23.9643	32.7443	139.5418	-106.7975	PEAK	
0.0419	90°	5.35	22.9130	28.2630	115.1599	-86.8969	AVG	
0.0419	90°	6.33	22.9130	29.2430	135.1599	-105.9169	PEAK	
0.0567	90°	1.47	22.2660	23.7360	112.5326	-88.7966	AVG	
0.0567	90°	2.53	22.2660	24.7960	132.5326	-107.7366	PEAK	
0.6246	90°	22.37	20.1987	42.5687	71.6922	-29.1235	QP	
2.0535	90°	24.42	19.4679	43.8879	69.5400	-25.6521	QP	

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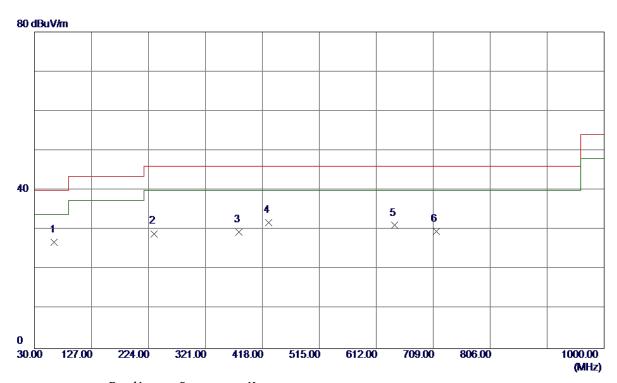
ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

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Vertical



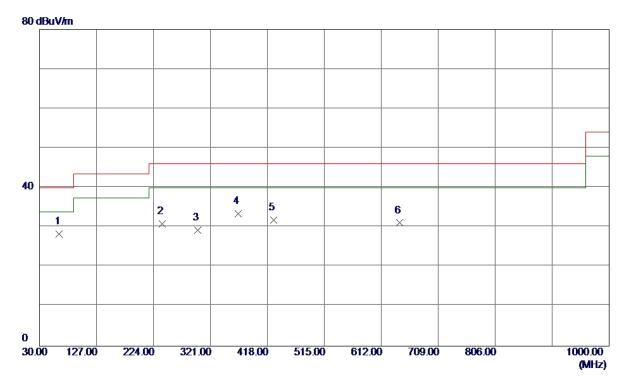
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	40.78	-13. 96	26. 82	40.00	-13. 18	Peak	
2	233.7000	41.67	-12.63	29. 04	46.00	-16.96	Peak	
3	378. 2300	37.90	-8.42	29.48	46.00	-16. 52	Peak	
4	428.6700	38. 26	-6. 48	31. 78	46.00	-14.22	Peak	
5	643.0400	33. 18	-2.06	31. 12	46.00	-14.88	Peak	
6	713.8500	31. 12	-1.46	29.66	46.00	-16. 34	Peak	

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Horizontal



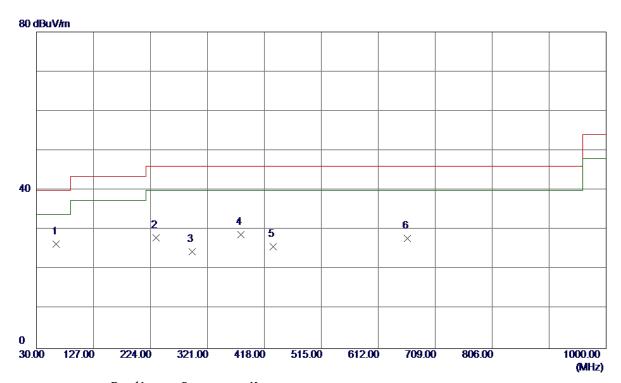
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	42. 23	-13. 96	28. 27	40.00	-11.73	Peak	
2	239. 5200	43. 27	-12.42	30.85	46.00	-15. 15	Peak	
3	299.6600	38. 87	-9. 59	29. 28	46.00	-16.72	Peak	
4	368. 5300	42. 38	-8. 94	33.44	46.00	-12. 56	Peak	
5	428.6700	38. 26	-6. 48	31. 78	46.00	-14. 22	Peak	
6	643.0400	33. 18	-2.06	31. 12	46.00	-14.88	Peak	

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Vertical



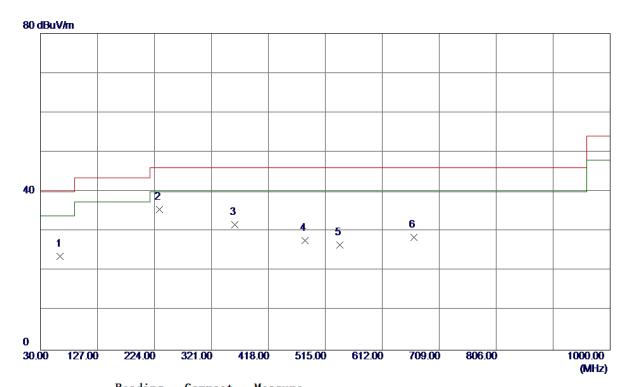
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	40. 33	-13.96	26. 37	40.00	-13.63	Peak	
2	233.7000	40.62	-12.63	27. 99	46.00	-18.01	Peak	
3	294.8100	34. 14	-9. 70	24.44	46.00	-21.56	Peak	
4	378. 2300	37. 20	-8.42	28. 78	46.00	-17. 22	Peak	
5	433. 5200	32. 07	-6. 35	25. 72	46.00	-2 0 . 28	Peak	
6	661. 4699	29. 50	-1.60	27. 90	46.00	-18. 10	Peak	

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Horizontal



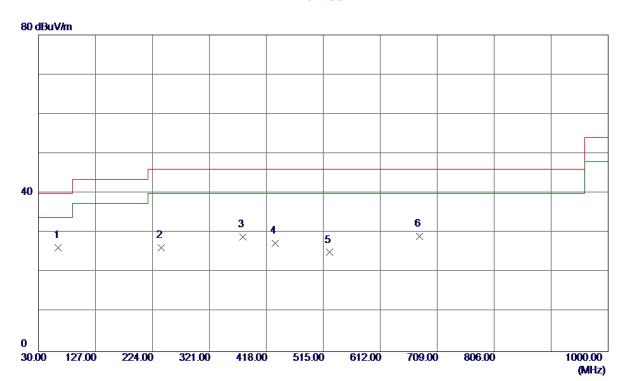
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	37.65	-13. 96	23. 69	40.00	-16. 31	Peak	
2	232.7300	48. 19	-12.66	35. 53	46.00	-10.47	Peak	
3	360.7700	40.97	-9. 35	31.62	46.00	-14.38	Peak	
4	480.0800	34.42	-6. 79	27.63	46.00	-18. 37	Peak	
5	540. 2199	31.76	-5. 16	26. 60	46.00	-19.40	Peak	
6	666. 3200	29. 99	-1. 58	28. 41	46.00	-17.59	Peak	

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Vertical



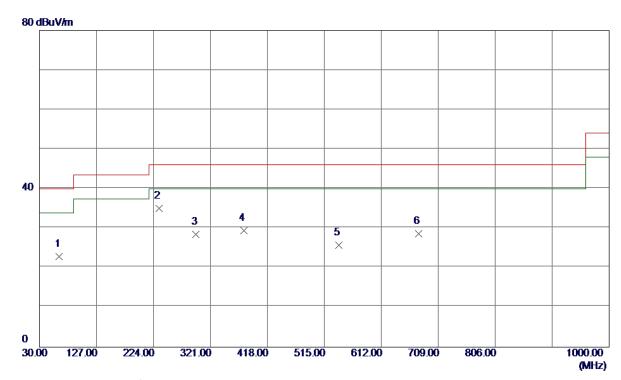
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	40. 27	-13. 96	26. 31	40.00	-13.69	Peak	
2	239. 5200	38. 65	-12.42	26. 23	46.00	-19.77	Peak	
3	378. 2300	37.41	-8.42	28. 99	46.00	-17.01	Peak	
4	433. 5200	33. 65	-6. 35	27. 30	46.00	-18.70	Peak	
5	525.6700	31. 01	-5. 97	25. 04	46.00	-20.96	Peak	
6	678. 9300	30. 59	-1.54	29. 05	46.00	-16. 95	Peak	

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	63.9500	36. 89	-13. 96	22. 93	40.00	-17.07	Peak	
2	233.7000	47.65	-12.63	35. 02	46.00	-10.98	Peak	
3	296. 7500	38. 19	-9.66	28. 53	46.00	-17.47	Peak	
4	378. 2300	37.92	-8.42	29. 50	46.00	-16. 50	Peak	
5	540. 2199	30. 99	-5. 16	25. 83	46.00	-20. 17	Peak	
6	676. 0200	30. 25	-1.55	28. 70	46.00	-17. 30	Peak	

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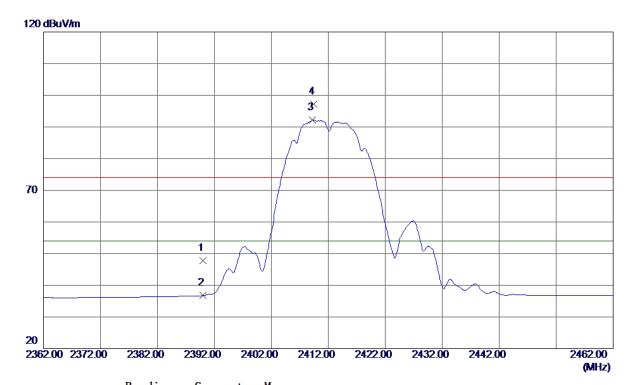
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ	'.')

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

Vertical



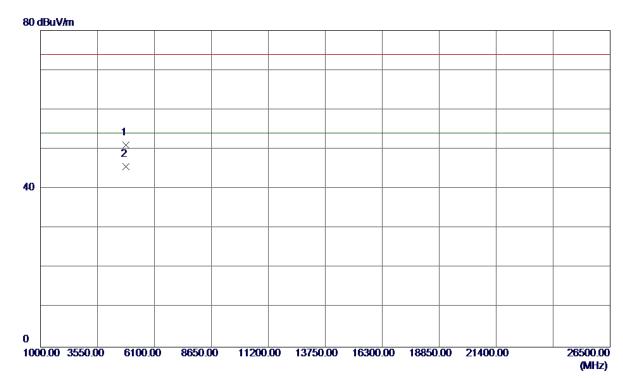
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	13. 54	34. 23	47.77	74.00	-26. 23	Peak	
2	2390.0000	2. 53	34. 23	36. 76	54.00	-17.24	AVG	
3	2409. 2000	57. 90	34. 34	92. 24	54.00	38. 24	AVG	NO LIMIT
4	2409. 4000	62. 84	34. 34	97. 18	74.00	23. 18	Peak	NO LIMIT

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Test Mode: TX B MODE 2412MHz

Vertical



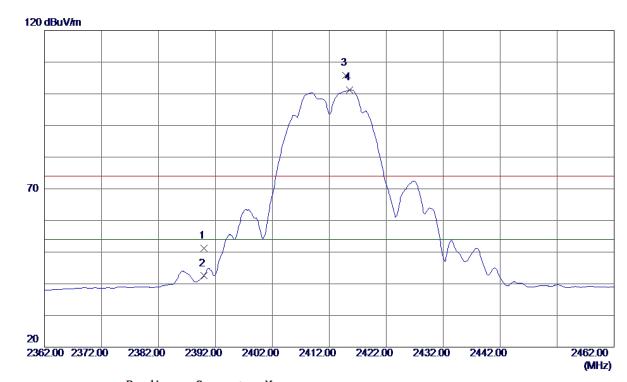
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9200	48.00	3.00	51.00	74.00	-23.00	Peak	
2	4823.9600	42. 54	3. 00	45. 54	54.00	-8. 46	AVG	

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Test Mode: TX B MODE 2412MHz

Horizontal



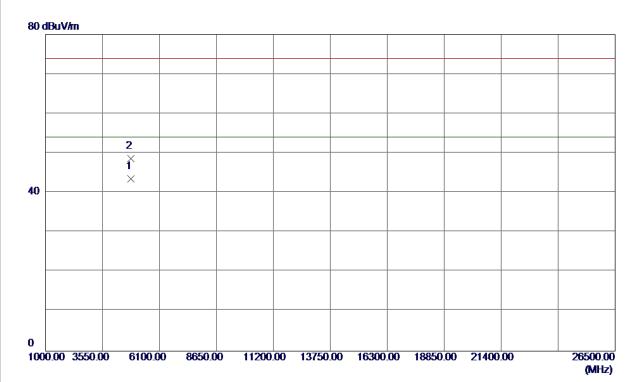
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	16. 94	34. 23	51. 17	74.00	-22.83	Peak	
2	2390.0000	8. 27	34. 23	42.50	54.00	-11.50	AVG	
3	2414.9000	71. 35	34. 38	105. 73	74.00	31.73	Peak	NO LIMIT
4	2415. 6000	66. 83	34. 38	101. 21	54.00	47.21	AVG	NO LIMIT

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Test Mode: TX B MODE 2412MHz

Horizontal



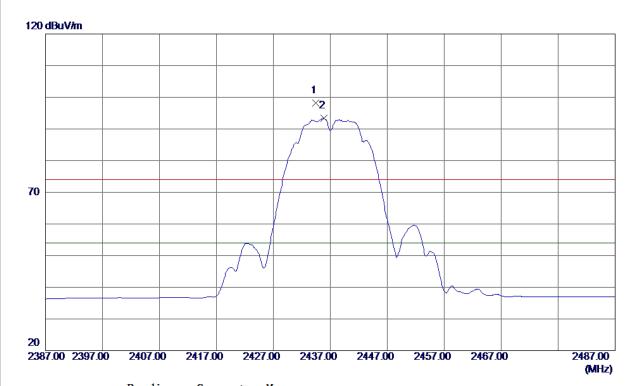
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9600	40. 52	3. 00	43. 52	54.00	-10.48	AVG	
2	4824.0000	45.70	3. 00	48.70	74.00	-25. 30	Peak	

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

Vertical



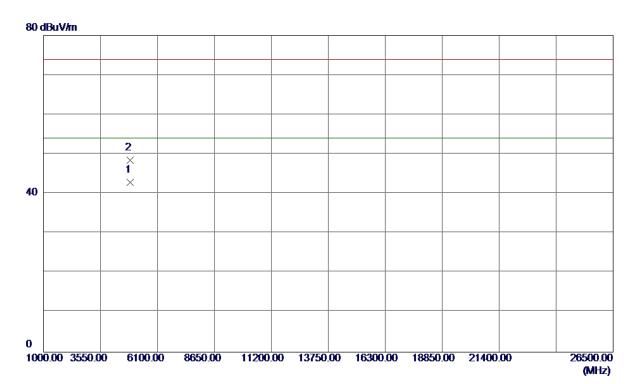
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2434.4000	63.66	34.49	98. 15	74.00	24. 15	Peak	NO LIMIT
2	2435.9000	58. 95	34. 50	93. 45	54.00	39. 45	AVG	NO LIMIT

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Test Mode: TX B MODE 2437MHz

Vertical



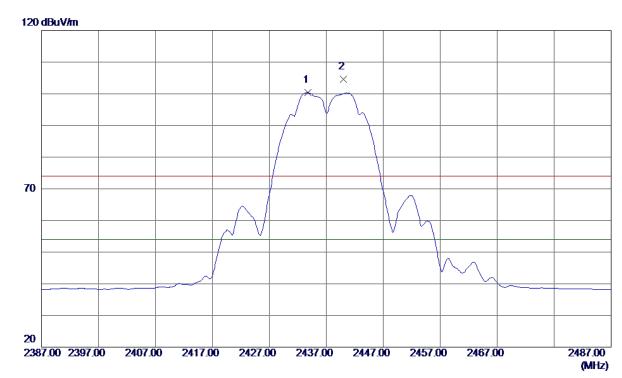
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9200	39. 86	3. 03	42.89	54.00	-11.11	AVG	
2	4873. 9600	45. 39	3. 03	48. 42	74.00	-25. 58	Peak	

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Test Mode: TX B MODE 2437MHz

Horizontal



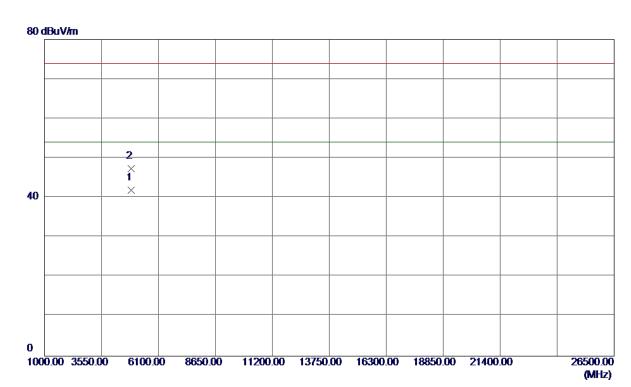
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2433.8000	65. 90	34.49	100.39	54.00	46. 39	AVG	NO LIMIT
2	2440.0000	70.00	34. 52	104. 52	74.00	30. 52	Peak	NO LIMIT

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Test Mode: TX B MODE 2437MHz

Horizontal



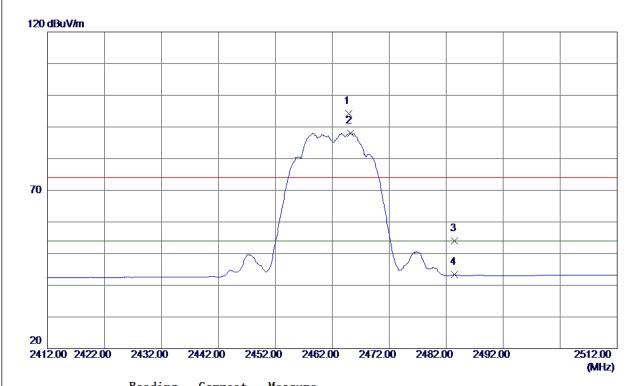
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9600	38. 91	3.03	41.94	54.00	-12.06	AVG	
2	4874. 0800	44. 36	3. 03	47. 39	74.00	-26. 61	Peak	

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

Vertical



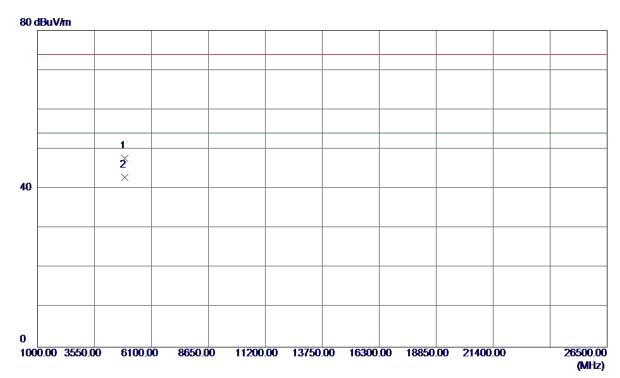
No.	Freq.	Keading Level	Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2464.9000	59. 58	34.67	94. 25	74.00	20. 25	Peak	NO LIMIT
2	2465. 2000	53.41	34.67	88. 08	54.00	34.08	AVG	NO LIMIT
3	2483. 5000	19. 17	34.77	53.94	74.00	-20.06	Peak	
4	2483. 5000	8. 54	34.77	43. 31	54.00	-10.69	AVG	

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Test Mode: TX B MODE 2462MHz

Vertical



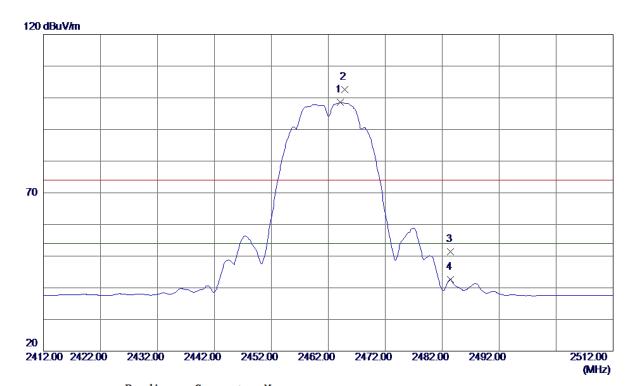
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.9400	44.64	3. 05	47.69	74.00	-26. 31	Peak	
2	4923.9600	39.88	3. 05	42.93	54.00	-11.07	AVG	

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Test Mode: TX B MODE 2462MHz

Horizontal



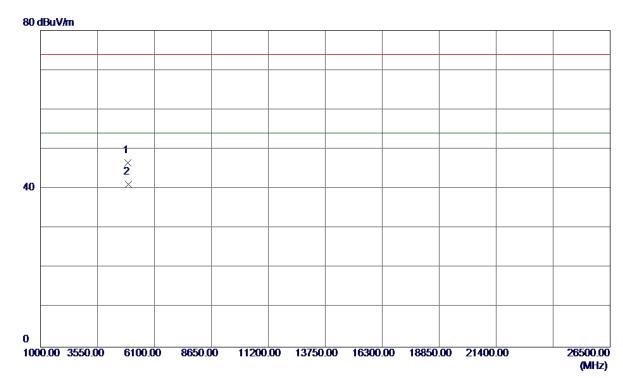
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2464. 1000	63.94	34.66	98. 60	54.00	44.60	AVG	NO LIMIT
2	2464.9000	67.88	34.67	102. 55	74.00	28. 55	Peak	NO LIMIT
3	2483. 5000	16. 54	34.77	51. 31	74.00	-22.69	Peak	
4	2483. 5000	7. 78	34.77	42. 55	54.00	-11.45	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 51 of 148



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

Horizontal



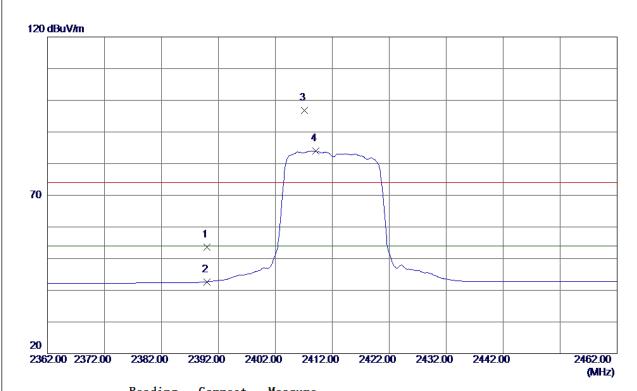
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923. 5000	43.44	3. 05	46. 49	74.00	-27.51	Peak	
2	4924. 5000	38. 13	3. 05	41. 18	54.00	-12.82	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 52 of 148



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

Vertical



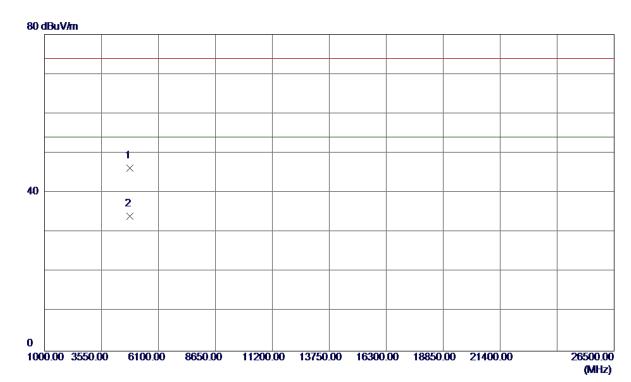
No.	Freq.	Keading Level	Correct Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	19. 32	34. 23	53. 55	74.00	-20.45	Peak	
2	2390.0000	8. 43	34. 23	42.66	54.00	-11.34	AVG	
3	2407. 1000	62.45	34. 33	96. 78	74.00	22.78	Peak	NO LIMIT
4	2409. 1000	49.72	34. 34	84. 06	54.00	30.06	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 53 of 148



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

Vertical



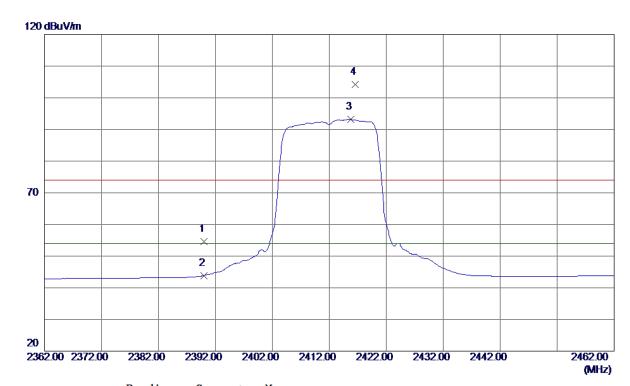
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9200	43. 24	3.00	46. 24	74.00	-27.76	Peak	
2	4823.9600	31. 12	3. 00	34. 12	54.00	-19.88	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 54 of 148



Test Mode: TX G MODE 2412MHz

Horizontal



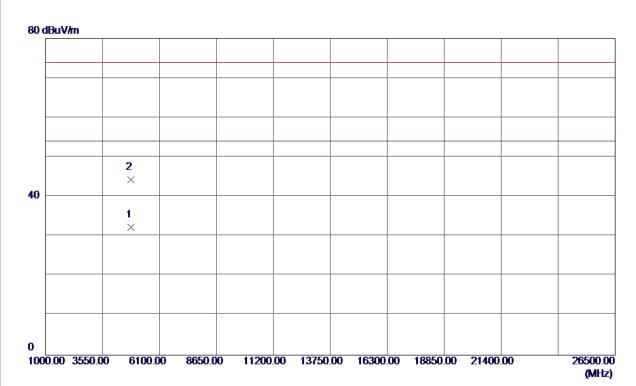
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	20.46	34. 23	54.69	74.00	-19.31	Peak	
2	2390.0000	9.65	34. 23	43.88	54.00	-10. 12	AVG	
3	2415.8000	58. 80	34. 38	93. 18	54.00	39. 18	AVG	NO LIMIT
4	2416.6000	69. 78	34. 39	104. 17	74.00	30. 17	Peak	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 55 of 148



Test Mode: TX G MODE 2412MHz

Horizontal



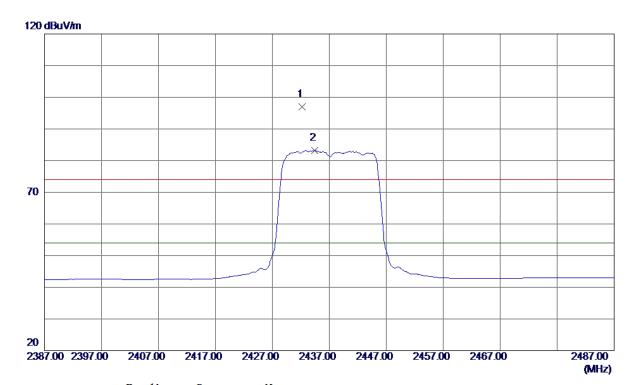
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9600	29. 27	3.00	32. 27	54.00	-21.73	AVG	
2	4824.0000	41. 29	3. 00	44. 29	74.00	-29.71	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 56 of 148



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

Vertical



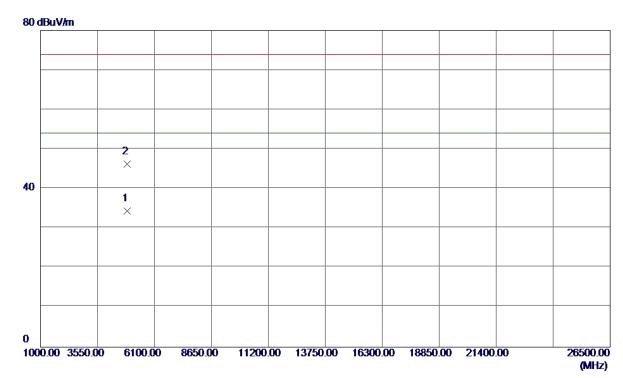
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2432. 2000	62. 50	34.48	96. 98	74.00	22.98	Peak	NO LIMIT
2	2434. 4000	48. 69	34. 49	83. 18	54.00	29. 18	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 57 of 148



Test Mode: TX G MODE 2437MHz

Vertical



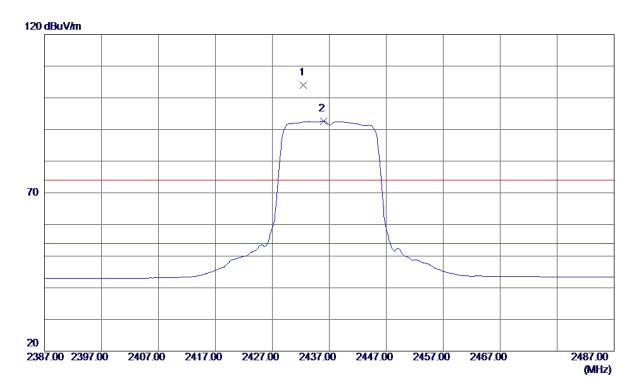
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4875.0000	31. 33	3. 03	34. 36	54.00	-19.64	AVG	
2	4877.0000	43. 18	3. 03	46. 21	74.00	-27.79	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 58 of 148



Test Mode: TX G MODE 2437MHz

Horizontal



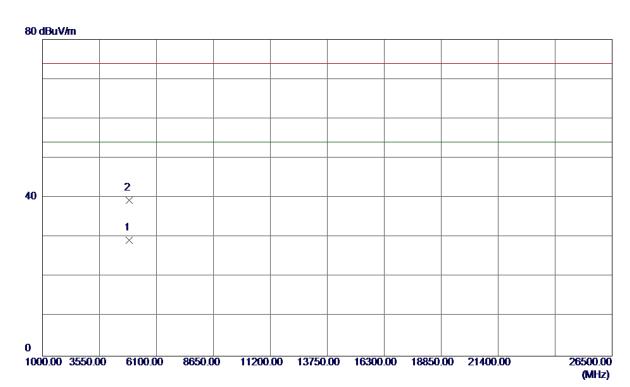
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2432. 5000	69. 58	34.48	104.06	74.00	30.06	Peak	NO LIMIT
2	2436.0000	58. 12	34. 50	92.62	54.00	38. 62	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 59 of 148



Test Mode: TX G MODE 2437MHz

Horizontal



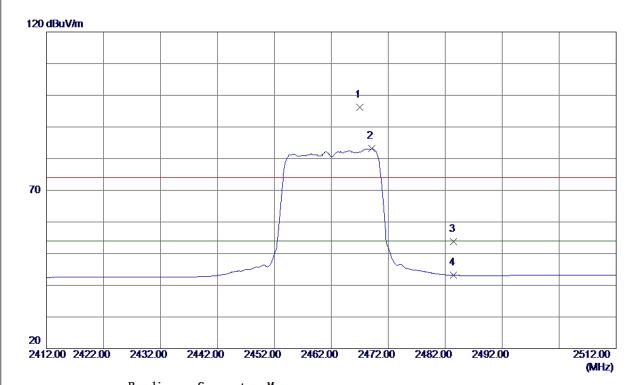
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9600	26. 31	3. 03	29. 34	54.00	-24.66	AVG	
2	4874.0800	36. 32	3. 03	39. 35	74.00	-34.65	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 60 of 148



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

Vertical



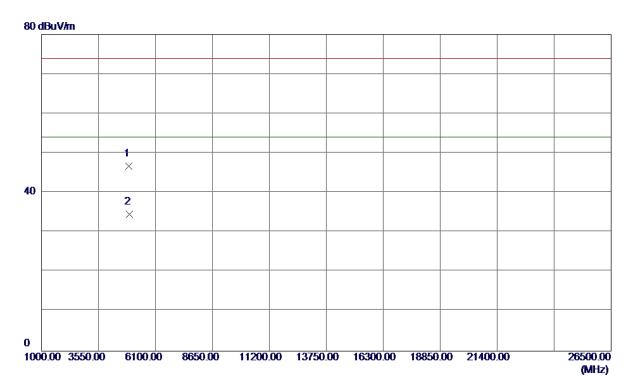
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2467.0000	61. 58	34.68	96. 26	74.00	22. 26	Peak	NO LIMIT
2	2469. 1000	48. 53	34.69	83. 22	54.00	29. 22	AVG	NO LIMIT
3	2483. 5000	19.06	34.77	53.83	74.00	-20. 17	Peak	
4	2483. 5000	8. 38	34.77	43. 15	54.00	-10.85	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 61 of 148



Test Mode: TX G MODE 2462MHz

Vertical



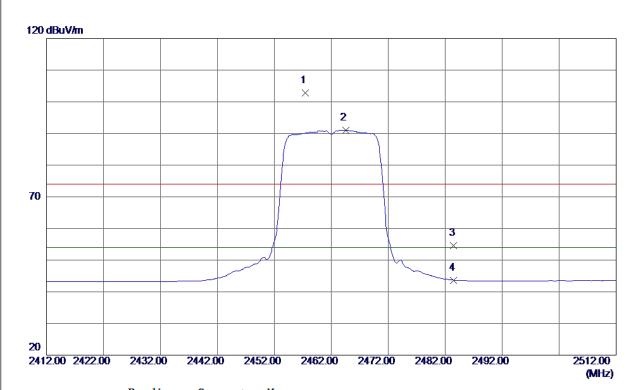
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923. 5000	43.61	3.05	46.66	74.00	-27.34	Peak	
2	4924. 5000	31. 58	3. 05	34. 63	54.00	-19. 37	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 62 of 148



Test Mode: TX G MODE 2462MHz

Horizontal



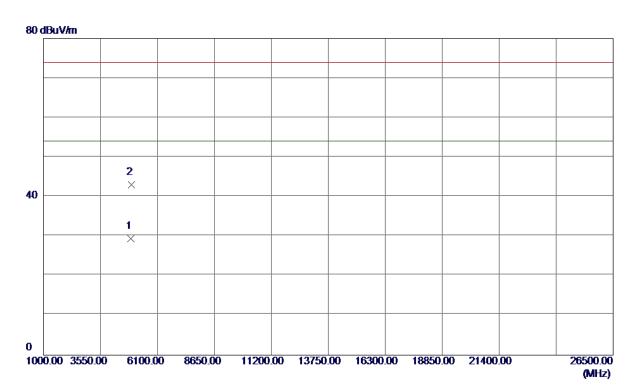
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2457.4000	68. 10	34.62	102.72	74.00	28.72	Peak	NO LIMIT
2	2464.5000	56. 38	34.66	91.04	54.00	37.04	AVG	NO LIMIT
3	2483. 5000	19. 78	34.77	54. 55	74.00	-19.45	Peak	
4	2483. 5000	8. 92	34.77	43.69	54.00	-10.31	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 63 of 148



Test Mode: TX G MODE 2462MHz

Horizontal



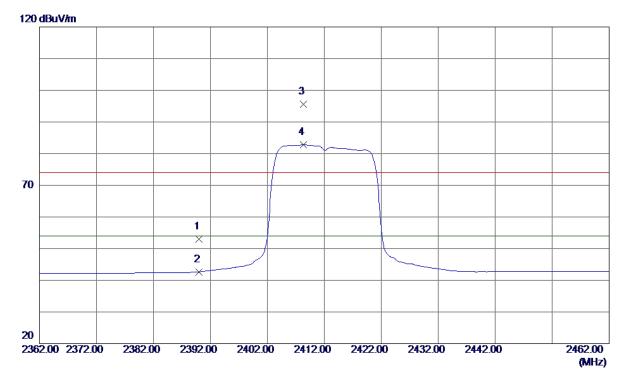
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923. 5000	26. 39	3.05	29.44	54.00	-24.56	AVG	
2	4924.5000	39. 97	3.05	43.02	74.00	-30.98	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 64 of 148



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

Vertical



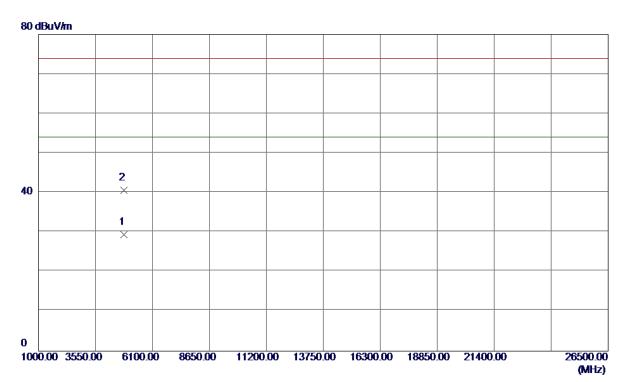
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	18. 68	34. 23	52. 91	74.00	-21.09	Peak	
2	2390.0000	8. 43	34. 23	42.66	54.00	-11. 34	AVG	
3	2408. 3000	61. 18	34. 34	95. 52	74.00	21. 52	Peak	NO LIMIT
4	2408. 3000	48. 43	34. 34	82.77	54.00	28.77	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 65 of 148



Test Mode: TX N-20M MODE 2412MHz

Vertical



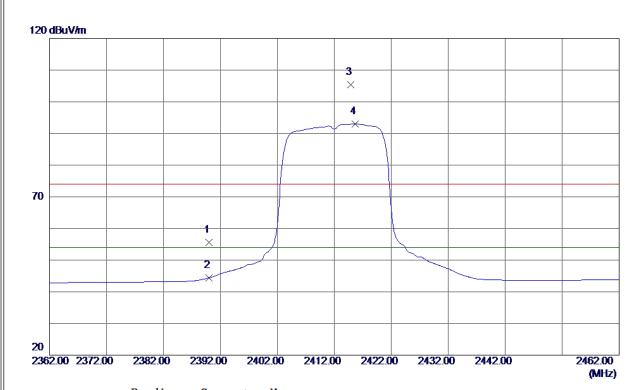
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.8600	26. 40	3.00	29.40	54.00	-24.60	AVG	
2	4824. 1000	37. 67	3.00	40. 67	74.00	-33. 33	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 66 of 148



Test Mode: TX N-20M MODE 2412MHz

Horizontal



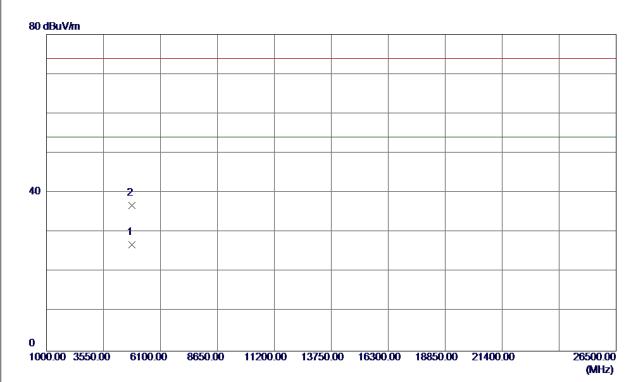
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	21. 38	34. 23	55. 61	74.00	-18.39	Peak	
2	2390.0000	10. 17	34. 23	44.40	54.00	-9.60	AVG	
3	2414.9000	71.02	34. 38	105. 40	74.00	31.40	Peak	NO LIMIT
4	2415. 7000	58. 62	34. 38	93.00	54.00	39.00	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 67 of 148



Test Mode: TX N-20M MODE 2412MHz

Horizontal



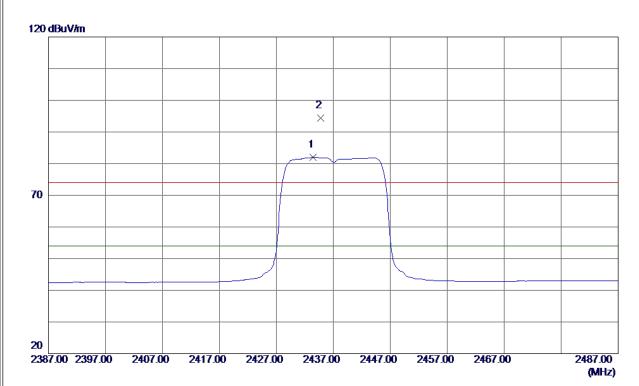
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9600	23.92	3.00	26. 92	54.00	-27.08	AVG	
2	4823. 9200	33. 77	3.00	36. 77	74.00	-37. 23	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 68 of 148



Test Mode: TX N-20M MODE 2437MHz

Vertical



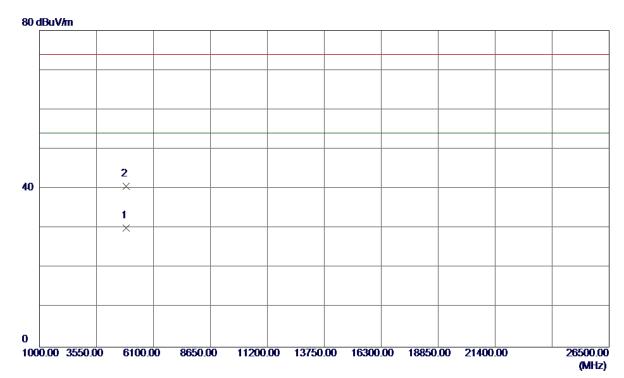
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2433. 4000	47.49	34.48	81. 97	54.00	27.97	AVG	NO LIMIT
2	2434.8000	59. 90	34. 49	94. 39	74.00	20. 39	Peak	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 69 of 148



Test Mode: TX N-20M MODE 2437MHz

Vertical



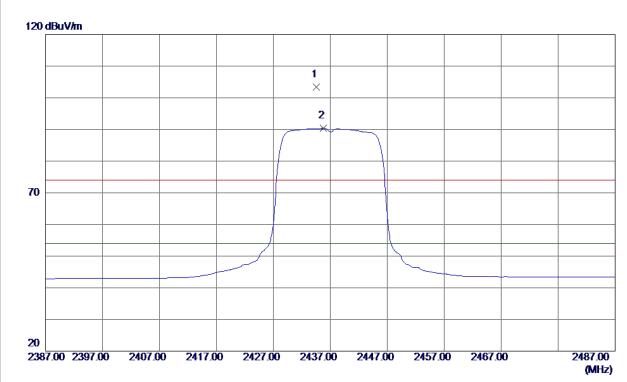
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873. 5000	27. 12	3. 03	30. 15	54.00	-23.85	AVG	
2	4871.0000	37. 67	3. 02	40.69	74.00	-33. 31	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 70 of 148



Test Mode: TX N-20M MODE 2437MHz

Horizontal



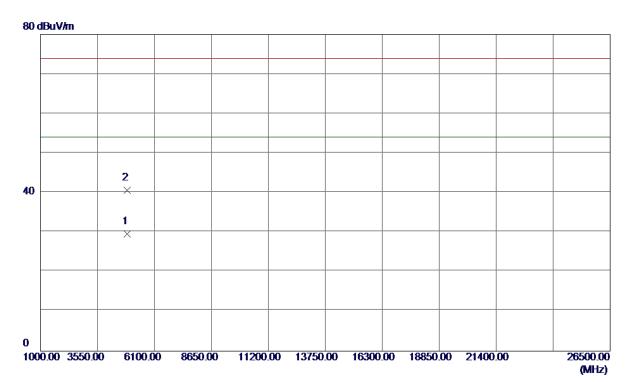
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2434.6000	68.86	34.49	103. 35	74.00	29. 35	Peak	NO LIMIT
2	2435. 8000	55. 87	34. 50	90. 37	54.00	36. 37	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 71 of 148



Test Mode: TX N-20M MODE 2437MHz

Horizontal



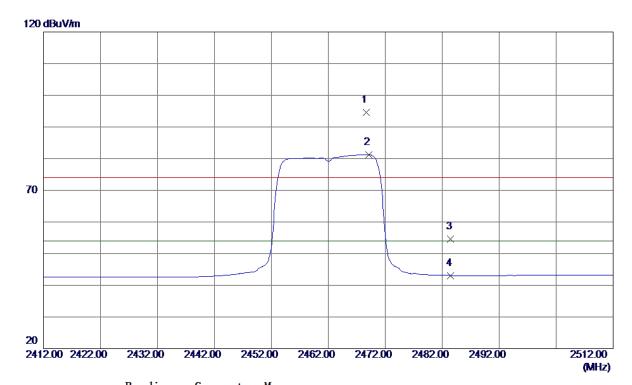
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873. 3000	26. 53	3. 03	29. 56	54.00	-24.44	AVG	
2	4871.4000	37.69	3. 02	40.71	74.00	-33. 29	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 72 of 148



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

Vertical



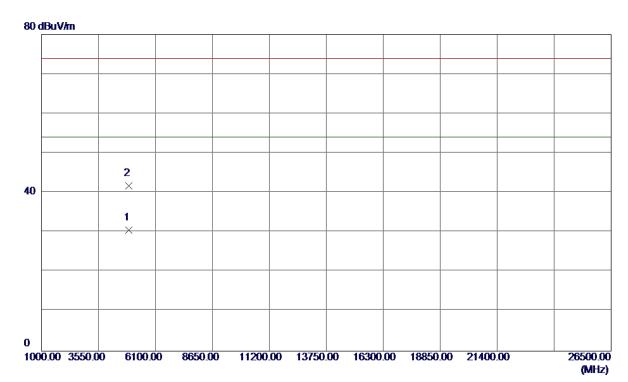
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2468.7000	59. 94	34.69	94.63	74.00	20.63	Peak	NO LIMIT
2	2469. 1000	46. 54	34.69	81. 23	54.00	27. 23	AVG	NO LIMIT
3	2483. 5000	19.86	34.77	54.63	74.00	-19. 37	Peak	
4	2483. 5000	8. 31	34.77	43.08	54.00	-10.92	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 73 of 148



Test Mode: TX N-20M MODE 2462MHz

Vertical



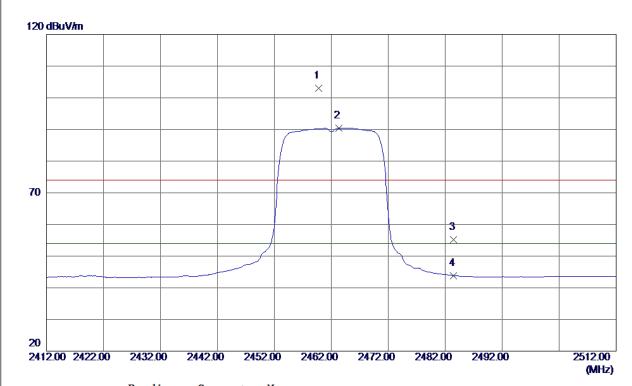
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923. 5000	27. 55	3. 05	30.60	54.00	-23.40	AVG	
2	4921.0000	38. 72	3. 05	41.77	74.00	-32. 23	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 74 of 148



Test Mode: TX N-20M MODE 2462MHz

Horizontal



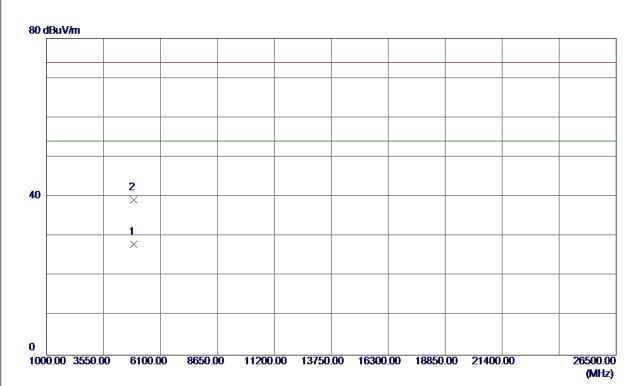
No	o. Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2459.8000	68. 38	34.64	103.02	74.00	29.02	Peak	NO LIMIT
2	2463. 3000	55. 78	34.66	90.44	54.00	36. 44	AVG	NO LIMIT
3	2483. 5000	20.43	34.77	55. 20	74.00	-18.80	Peak	
4	2483. 5000	9. 06	34.77	43.83	54.00	-10. 17	AVG	

Report No.: BTL-FCCP-1-1511C223 Page 75 of 148



Test Mode: TX N-20M MODE 2462MHz

Horizontal



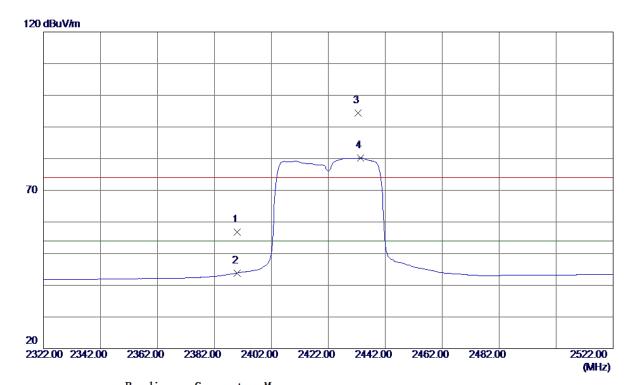
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923. 4900	24.93	3.05	27.98	54.00	-26.02	AVG	
2	4921.0000	36.08	3.05	39. 13	74.00	-34.87	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 76 of 148



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

Vertical



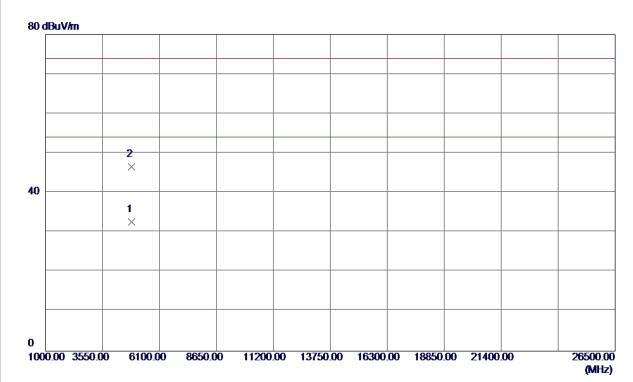
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	22. 50	34. 23	56. 73	74.00	-17. 27	Peak	
2	2390.0000	9. 65	34. 23	43.88	54.00	-10. 12	AVG	
3	2432. 4000	59. 99	34. 48	94. 47	74.00	20.47	Peak	NO LIMIT
4	2433. 4000	45. 78	34.48	80. 26	54.00	26. 26	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 77 of 148



Test Mode: TX N-40M MODE 2422MHz

Vertical



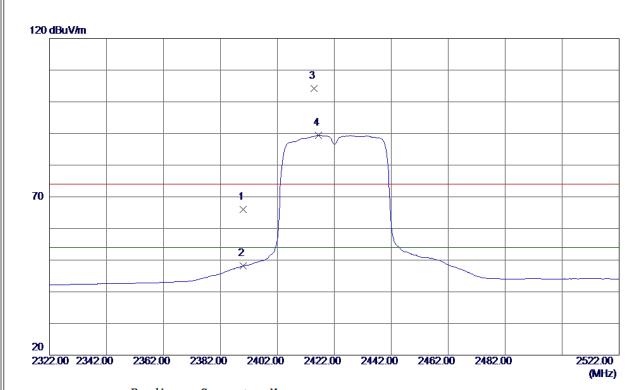
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843. 5400	29.69	3. 01	32.70	54.00	-21. 30	AVG	
2	4843. 9200	43. 52	3. 01	46. 53	74.00	-27.47	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 78 of 148



Test Mode: TX N-40M MODE 2422MHz

Horizontal



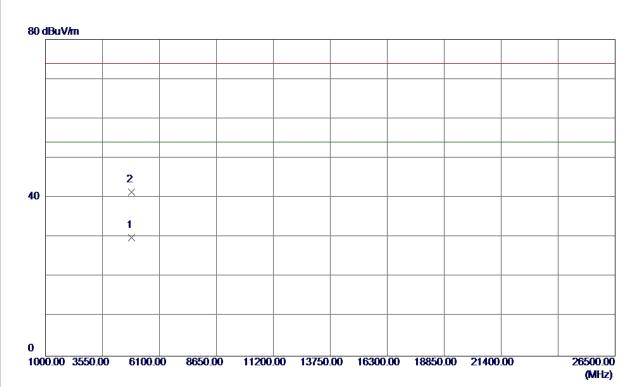
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	31.86	34. 23	66. 09	74.00	-7.91	Peak	
2	2390.0000	13.93	34. 23	48. 16	54.00	-5.84	AVG	
3	2414.8000	69.86	34. 38	104. 24	74.00	30. 24	Peak	NO LIMIT
4	2416. 4000	55. 0 2	34. 39	89. 41	54.00	35.41	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 79 of 148



Test Mode: TX N-40M MODE 2422MHz

Horizontal



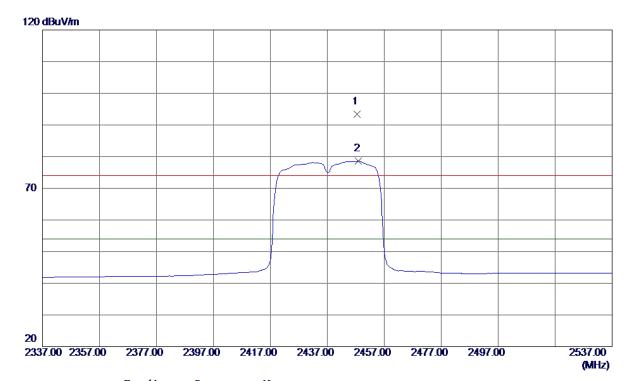
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843. 1000	26.89	3. 01	29. 90	54.00	-24. 10	AVG	
2	4844.0000	38. 36	3. 01	41. 37	74.00	-32.63	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 80 of 148



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

Vertical



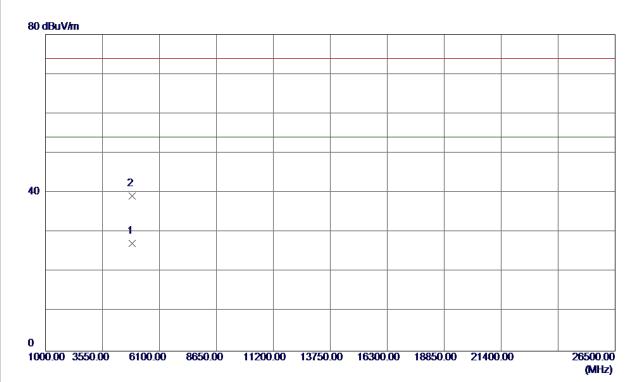
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2447.4000	58. 87	34. 56	93.43	74.00	19.43	Peak	NO LIMIT
2	2448. 0000	43. 98	34. 57	78. 55	54.00	24. 55	AVG	NO LIMIT

Report No.: BTL-FCCP-1-1511C223 Page 81 of 148



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

Vertical



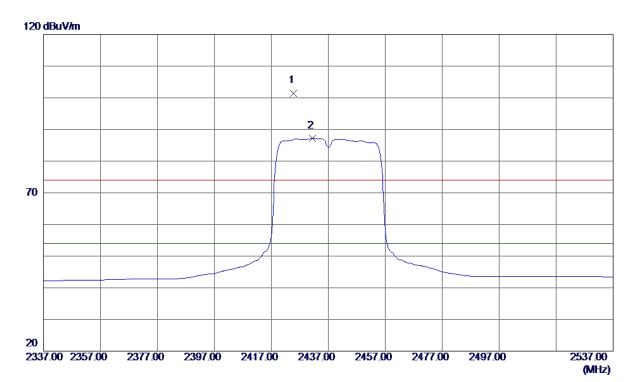
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.7599	24. 21	3. 03	27. 24	54.00	-26. 76	AVG	
2	4873.8300	36. 15	3. 03	39. 18	74.00	-34.82	Peak	

Report No.: BTL-FCCP-1-1511C223 Page 82 of 148



Test Mode: TX N-40M MODE 2437MHz

Horizontal



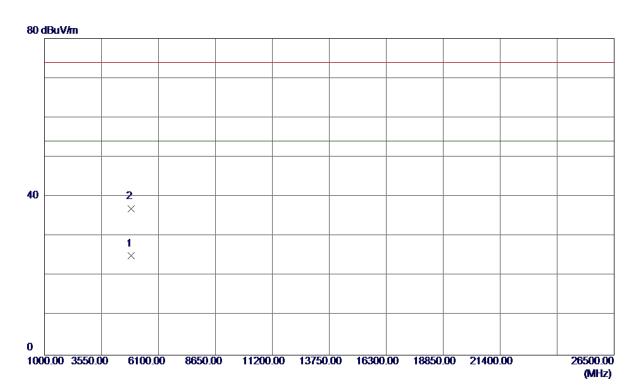
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2424.8000	67.07	34.43	101. 50	74.00	27. 50	Peak	NO LIMIT
2	2431.4000	52. 76	34. 47	87. 23	54.00	33. 23	AVG	NO LIMIT

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Test Mode: TX N-40M MODE 2437MHz

Horizontal



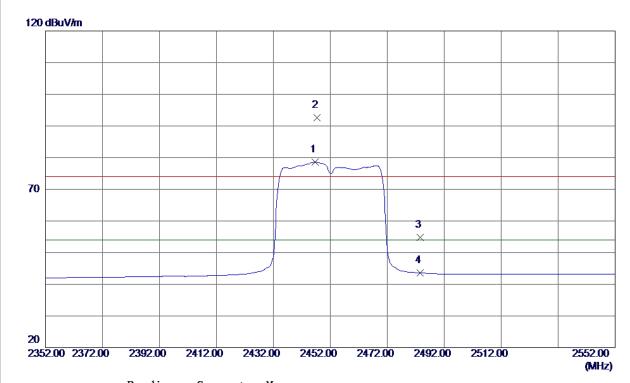
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.9000	22. 01	3.03	25. 04	54.00	-28.96	AVG	
2	4873.8300	33. 97	3. 03	37.00	74.00	-37.00	Peak	

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

Vertical



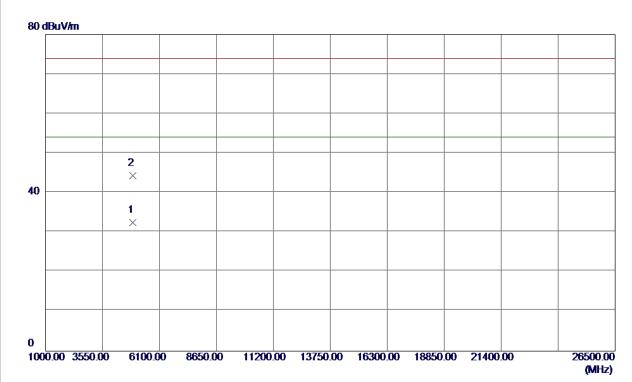
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2446. 6000	44.00	34. 56	78. 56	54.00	24. 56	AVG	NO LIMIT
2	2447.4000	57. 99	34. 56	92. 55	74.00	18. 55	Peak	NO LIMIT
3	2483. 5000	19. 95	34.77	54.72	74.00	-19. 28	Peak	
4	2483. 5000	8.83	34.77	43.60	54.00	-10.40	AVG	

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

Vertical



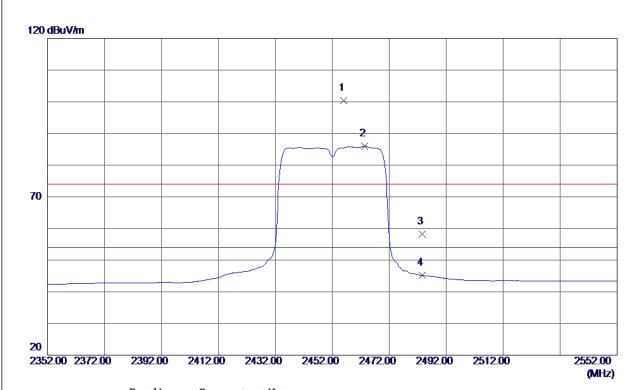
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903. 5000	29.40	3. 04	32.44	54.00	-21. 56	AVG	
2	4904.0000	41. 34	3. 04	44. 38	74.00	-29.62	Peak	

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Test Mode: TX N-40M MODE 2452MHz

Horizontal



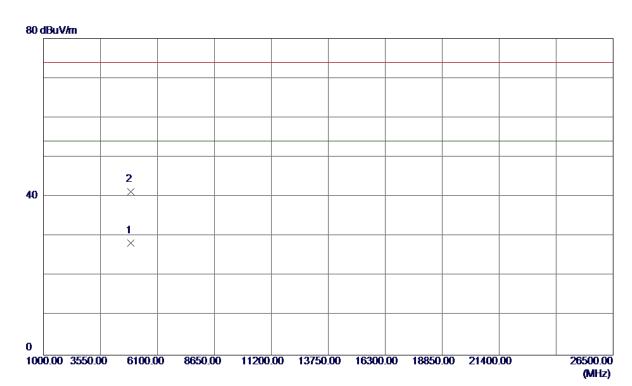
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2456.0000	65. 78	34.61	100.39	74.00	26. 39	Peak	NO LIMIT
2	2463.4000	51. 26	34.66	85. 92	54.00	31.92	AVG	NO LIMIT
3	2483. 5000	23. 51	34.77	58. 28	74.00	-15.72	Peak	
4	2483. 5000	10. 38	34.77	45. 15	54.00	-8.85	AVG	

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Test Mode: TX N-40M MODE 2452MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.8100	25. 34	3.04	28. 38	54.00	-25.62	AVG	
2	4903. 9400	38. 19	3. 04	41. 23	74.00	-32.77	Peak	

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ATTACHMENT E - BANDWIDTH

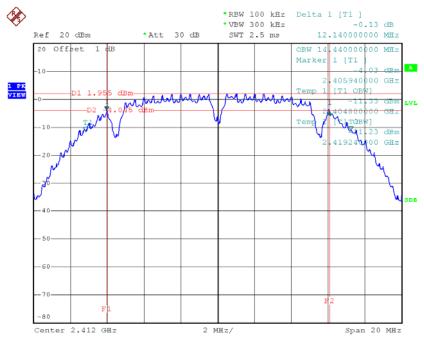
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Test Mode: TX B Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	12.14	14.44	500	Complies
2437	12.12	14.48	500	Complies
2462	12.10	14.40	500	Complies

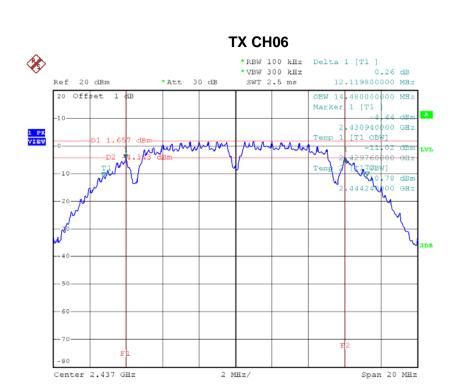
TX CH01



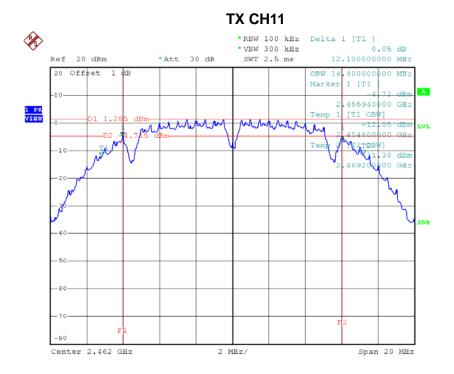
Date: 21.DEC.2015 10:12:25

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Date: 21.DEC.2015 10:14:42



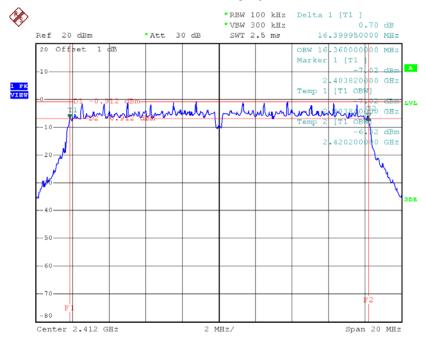
Date: 21.DEC.2015 10:15:54



Test Mode: TX G Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.40	16.36	500	Complies
2437	16.08	16.36	500	Complies
2462	16.38	16.36	500	Complies

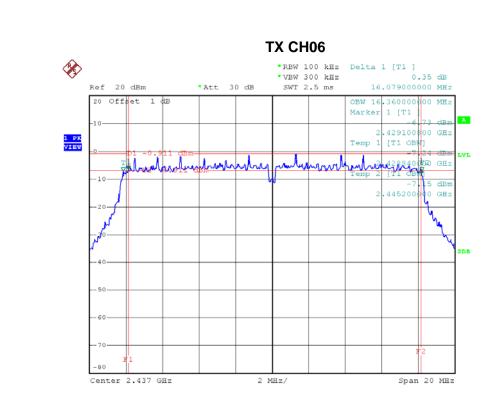
TX CH01



Date: 21.DEC.2015 10:24:13

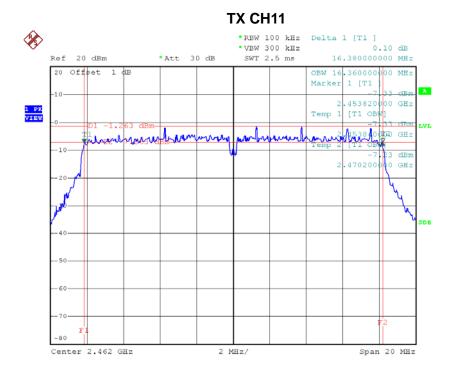
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Date: 21.DEC.2015 10:29:39

Date: 21.DEC.2015 10:30:50



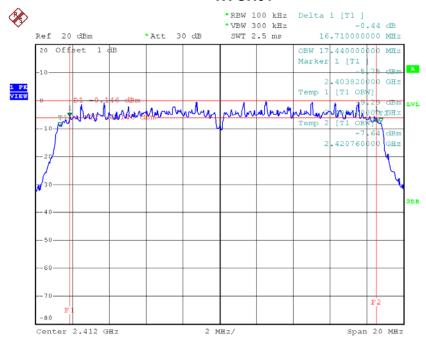
Report No.: BTL-FCCP-1-1511C223



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

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.71	17.44	500	Complies
2437	16.70	17.44	500	Complies
2462	16.59	17.48	500	Complies

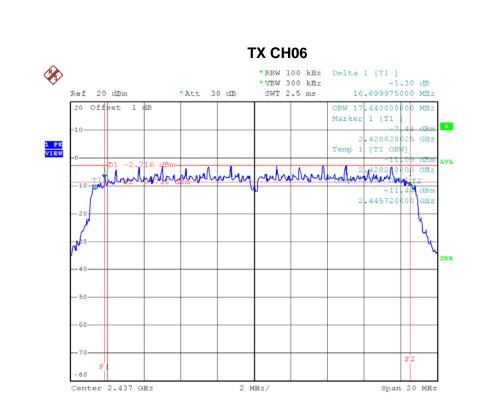
TX CH01



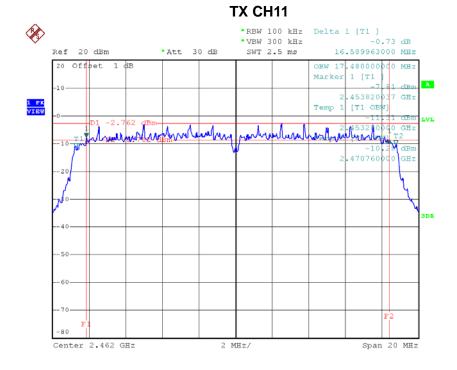
Date: 21.DEC.2015 10:40:00

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Date: 21.DEC.2015 10:41:43



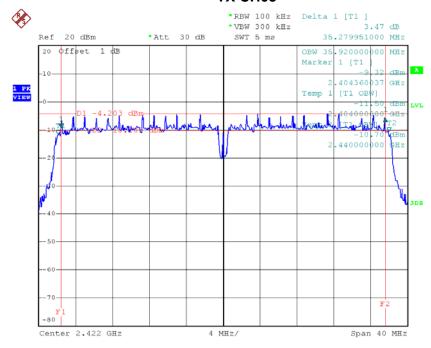
Date: 21.DEC.2015 10:43:31



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

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.28	35.92	500	Complies
2437	35.48	35.92	500	Complies
2452	35.28	35.92	500	Complies

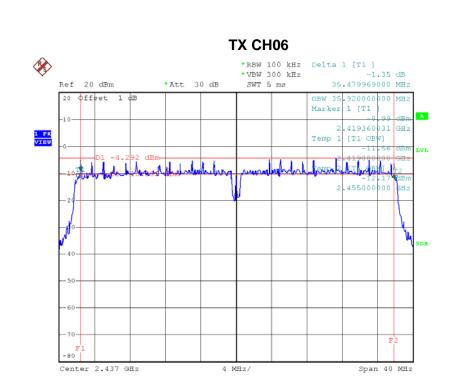
TX CH03



Date: 21.DEC.2015 10:50:32

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Date: 21.DEC.2015 10:51:56

*RBW 100 kHz Delta 1 [T1] *VBW 300 kHz 1.75 dB *SWT 5 ms 35.279913000 MHz 20 Offset 1 dB OBW 35.920000000 MHz Marker 1 [T1 OBW] -10 D1 -4.642 dBm VAL 21.77 GBm VAL 22.470000000 GHz 23.470000000 GHz 23.470000000 GHz Center 2.452 GHz 4 MHz/ Span 40 MHz

Date: 21.DEC.2015 10:53:02



ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

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Test Mode :TX B Mode_CH01/06/11_ANT 1										
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result					
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result					
2412	14.02	0.03	30.00	1.00	Complies					
2437	14.13	0.03	30.00	1.00	Complies					
2462	14.15	0.03	30.00	1.00	Complies					

Test Mode :TX B Mode_CH01/06/11_ANT 2									
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result				
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result				
2412	14.05	0.03	30.00	1.00	Complies				
2437	14.27	0.03	30.00	1.00	Complies				
2462	14.11	0.03	30.00	1.00	Complies				

Test Mode :TX B Mode_CH01/06/11_Total						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2412	17.05	0.05	30.00	1.00	Complies	
2437	17.21	0.05	30.00	1.00	Complies	
2462	17.14	0.05	30.00	1.00	Complies	

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Test Mode :TX G Mode_CH01/06/11_ANT 1						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2412	8.52	0.01	30.00	1.00	Complies	
2437	8.77	0.01	30.00	1.00	Complies	
2462	8.18	0.01	30.00	1.00	Complies	

Test Mode :TX G Mode_CH01/06/11_ANT 2						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2412	8.61	0.01	30.00	1.00	Complies	
2437	8.65	0.01	30.00	1.00	Complies	
2462	8.36	0.01	30.00	1.00	Complies	

Test Mode :TX G Mode_CH01/06/11_Total						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2412	11.58	0.01	30.00	1.00	Complies	
2437	11.72	0.01	30.00	1.00	Complies	
2462	11.28	0.01	30.00	1.00	Complies	

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Test Mode :TX N20 Mode_CH01/06/11_ANT 1						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2412	7.49	0.01	30.00	1.00	Complies	
2437	7.96	0.01	30.00	1.00	Complies	
2462	7.53	0.01	30.00	1.00	Complies	

Test Mode :TX N20 Mode_CH01/06/11_ANT 2						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2412	7.81	0.01	30.00	1.00	Complies	
2437	7.64	0.01	30.00	1.00	Complies	
2462	7.74	0.01	30.00	1.00	Complies	

Test Mode :TX N20 Mode_CH01/06/11_Total						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2412	10.66	0.01	30.00	1.00	Complies	
2437	10.81	0.01	30.00	1.00	Complies	
2462	10.65	0.01	30.00	1.00	Complies	

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Test Mode :TX N40 Mode_CH03/06/09_ANT 1						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2422	7.84	0.01	30.00	1.00	Complies	
2437	7.64	0.01	30.00	1.00	Complies	
2452	7.84	0.01	30.00	1.00	Complies	

Test Mode :TX N40 Mode_CH03/06/09_ANT 2						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Resuit	
2422	7.77	0.01	30.00	1.00	Complies	
2437	7.67	0.01	30.00	1.00	Complies	
2452	7.82	0.01	30.00	1.00	Complies	

Test Mode :TX N40 Mode_CH03/06/09_Total						
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result	
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result	
2422	10.82	0.01	30.00	1.00	Complies	
2437	10.67	0.01	30.00	1.00	Complies	
2452	10.84	0.01	30.00	1.00	Complies	

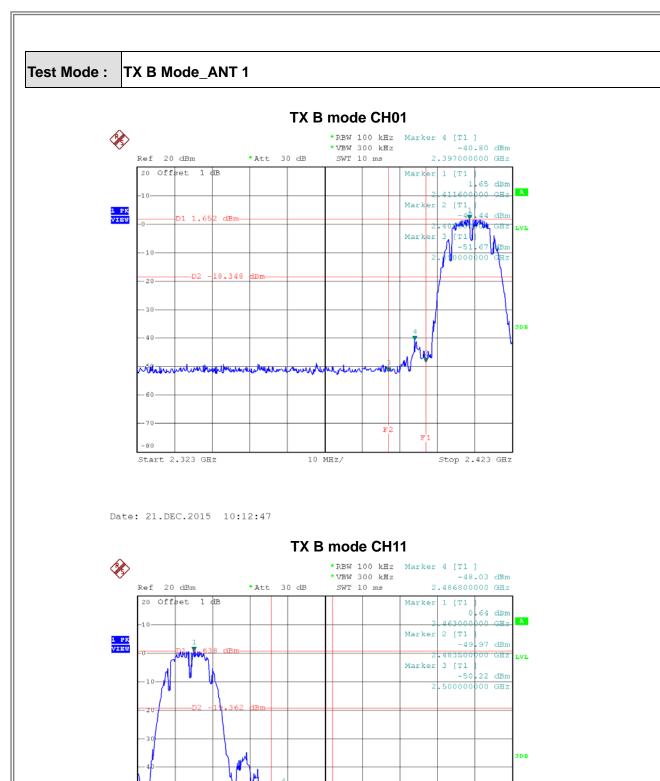
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ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS **EMISSION**

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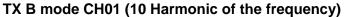
range and the property of the second state of

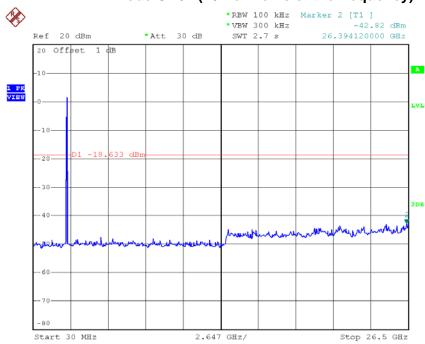
Stop 2.548 GHz

Date: 21.DEC.2015 10:16:16

Start 2.448 GHz

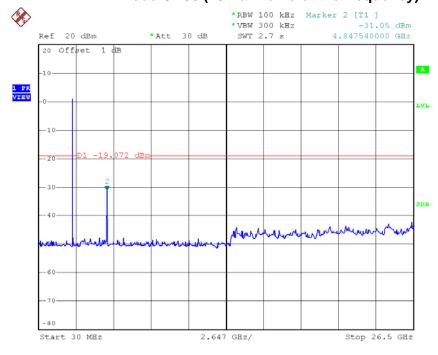






Date: 21.DEC.2015 10:12:39

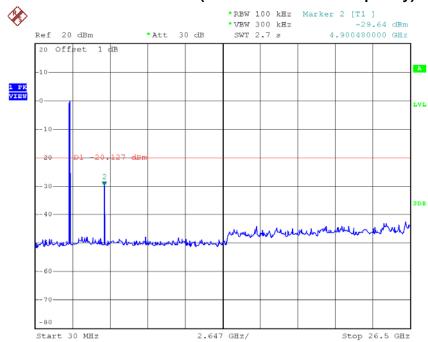
TX B mode CH06 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:14:56



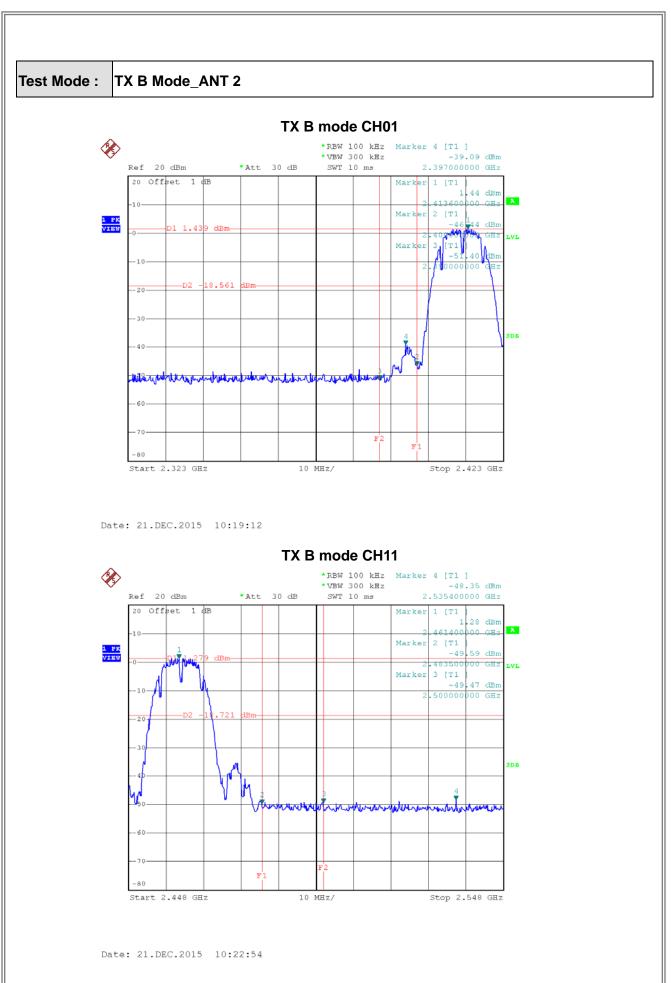




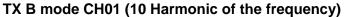
Date: 21.DEC.2015 10:16:08

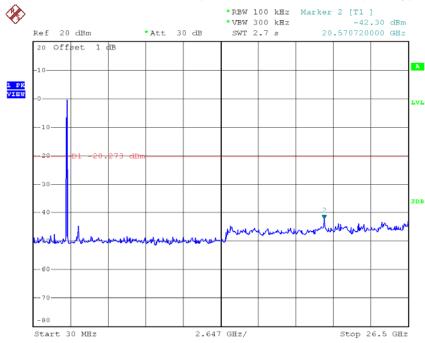
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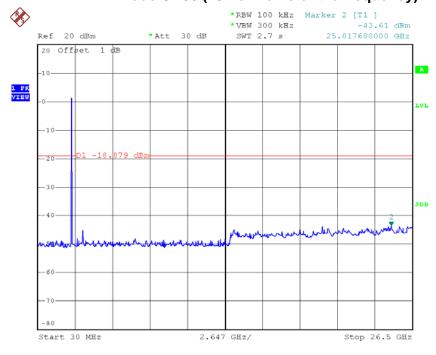






Date: 21.DEC.2015 10:19:04

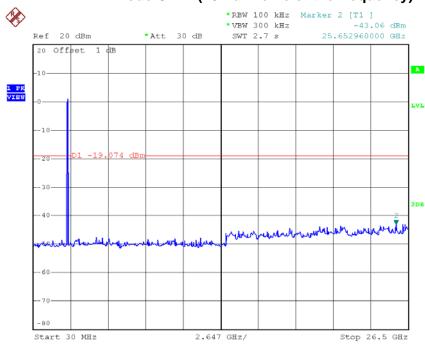
TX B mode CH06 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:20:45



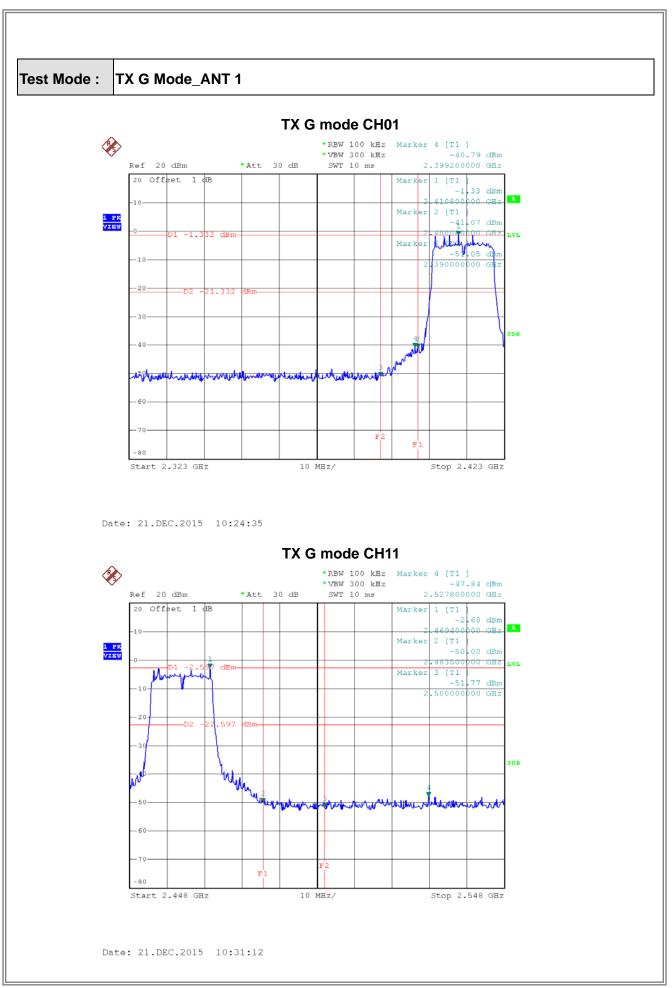




Date: 21.DEC.2015 10:22:46

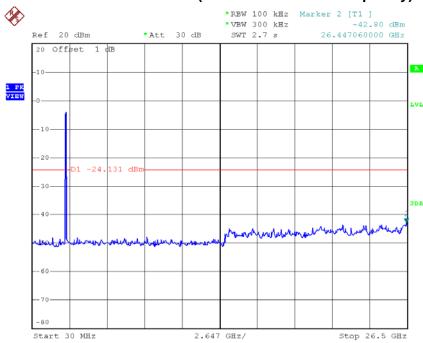
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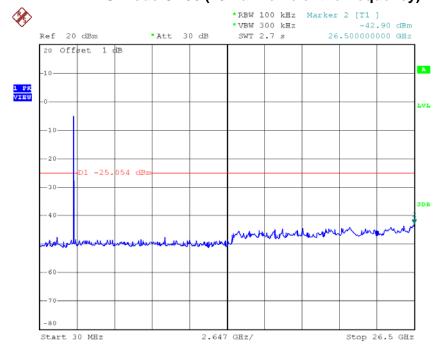






Date: 21.DEC.2015 10:24:28

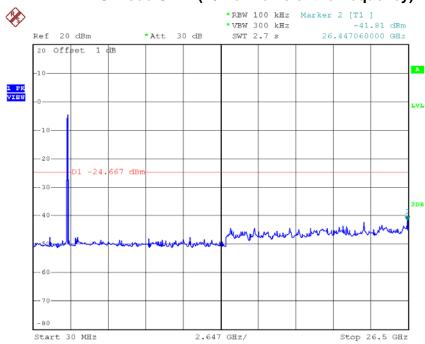
TX G mode CH06 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:29:54



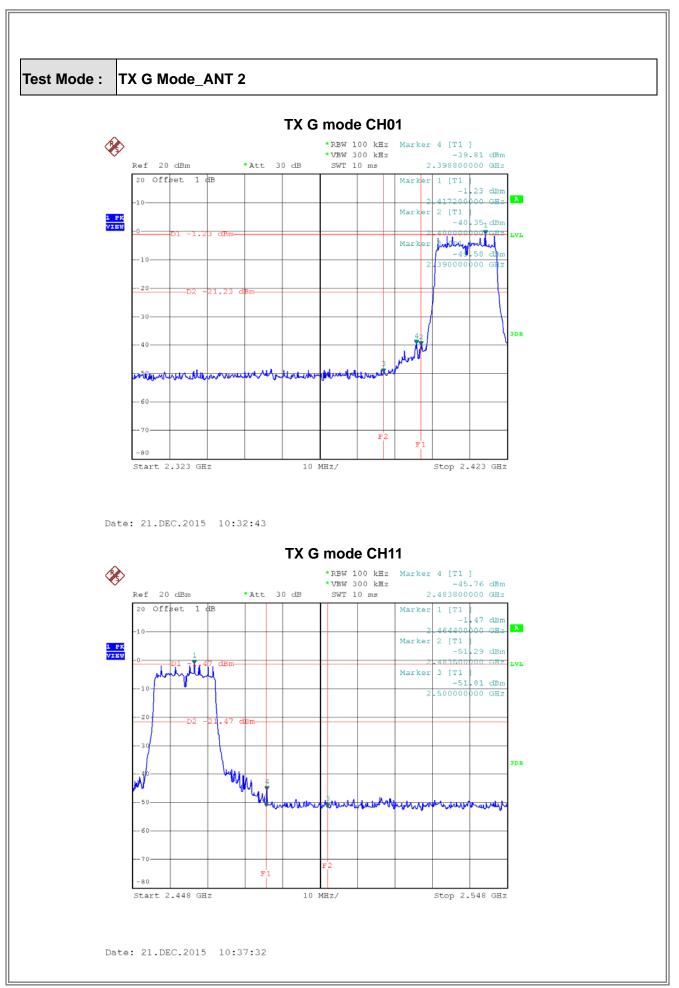




Date: 21.DEC.2015 10:31:04

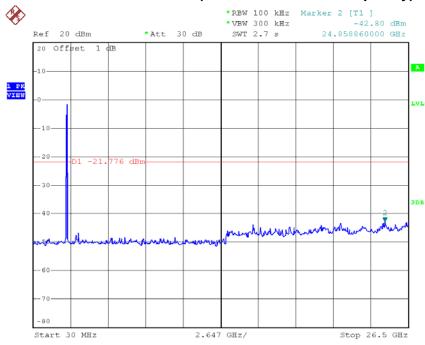
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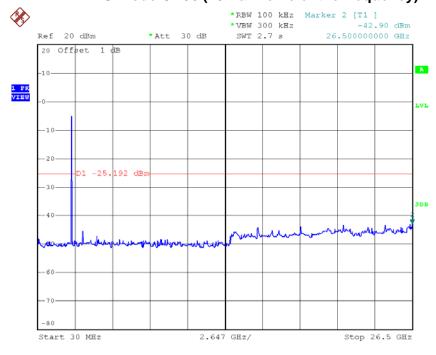






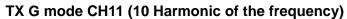
Date: 21.DEC.2015 10:32:35

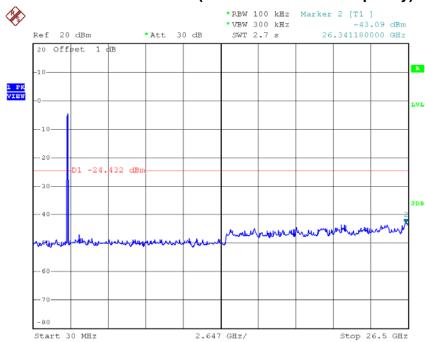
TX G mode CH06 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:34:05



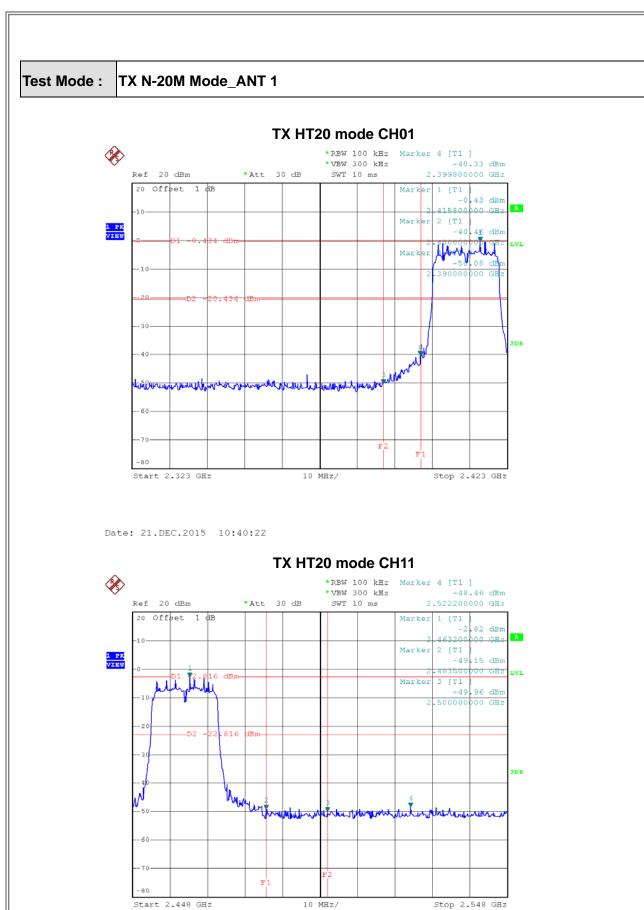




Date: 21.DEC.2015 10:37:24

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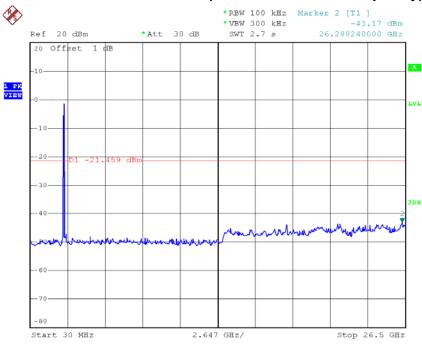




Date: 21.DEC.2015 10:43:53

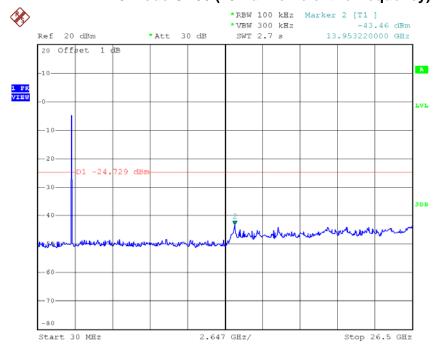






Date: 21.DEC.2015 10:40:14

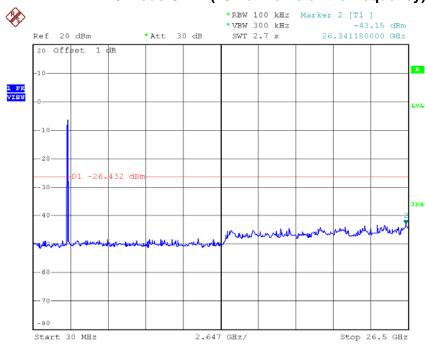
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:41:58



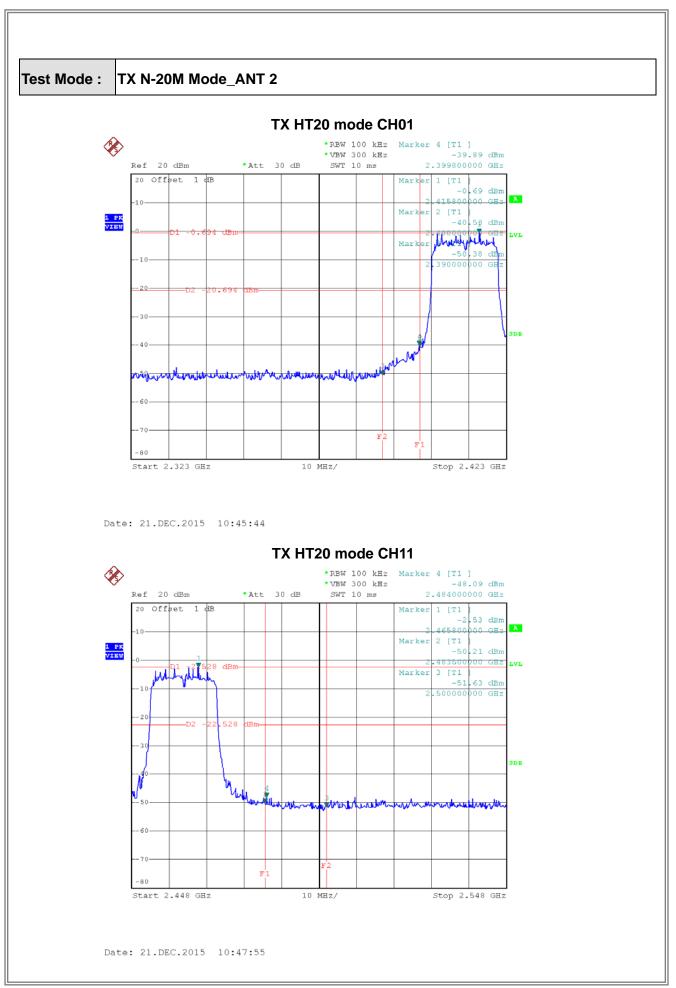
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:43:45

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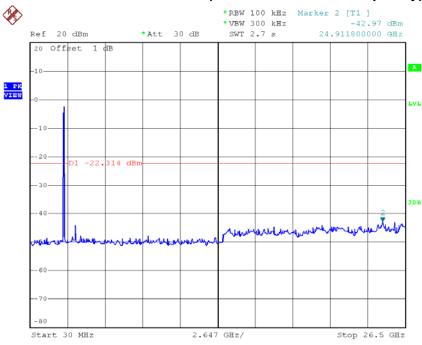




Report No.: BTL-FCCP-1-1511C223

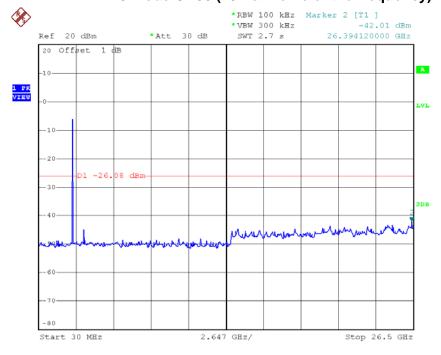






Date: 21.DEC.2015 10:45:36

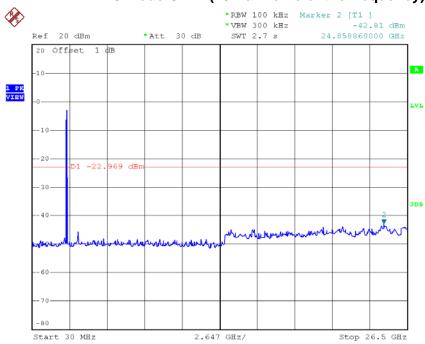
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:46:50



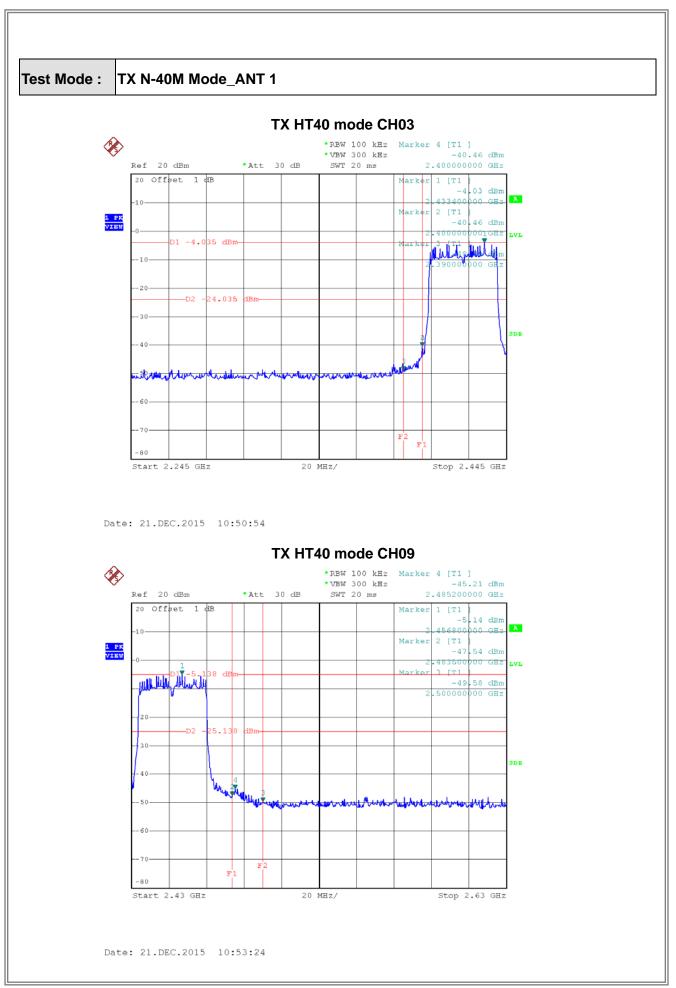
TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:47:47

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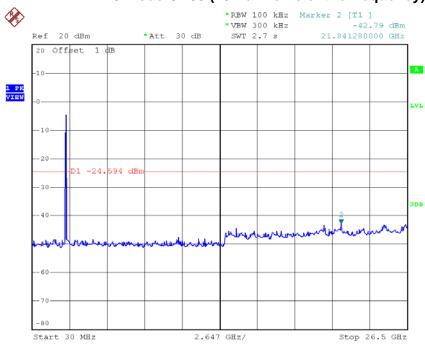




Report No.: BTL-FCCP-1-1511C223

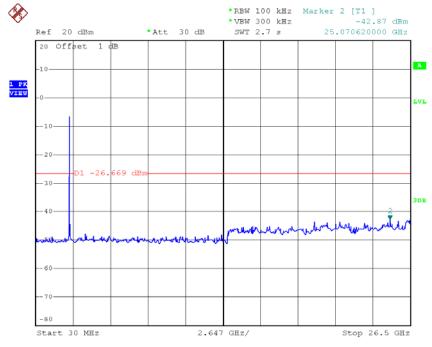






Date: 21.DEC.2015 10:50:46

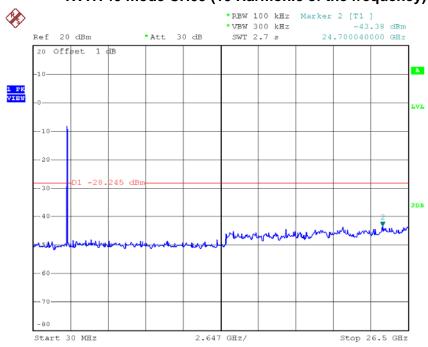
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 21.DEC.2015 10:52:10



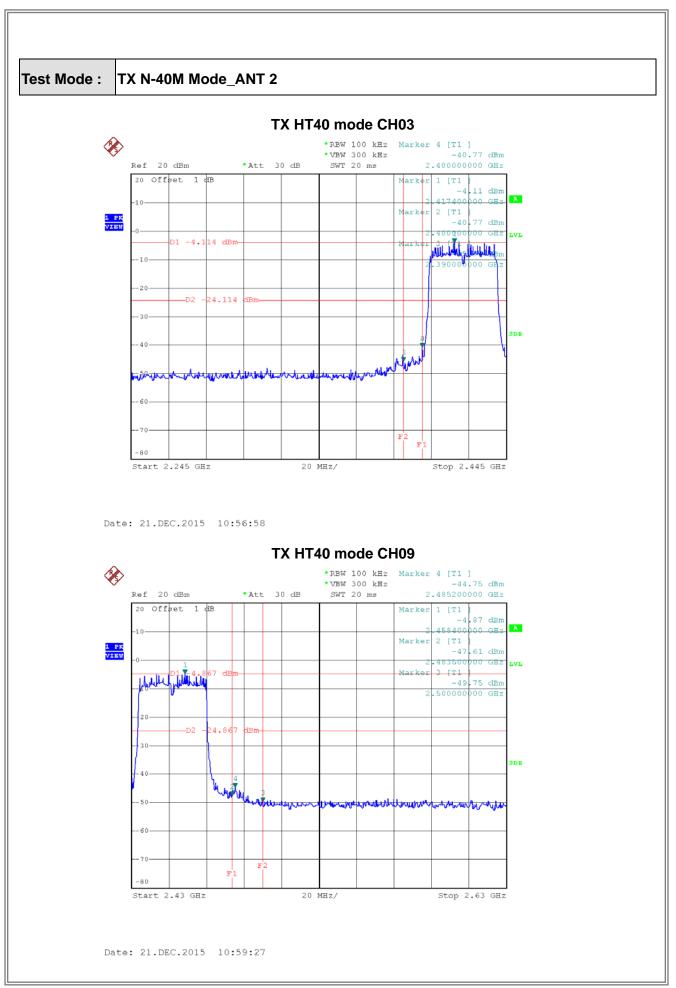




Date: 21.DEC.2015 10:53:17

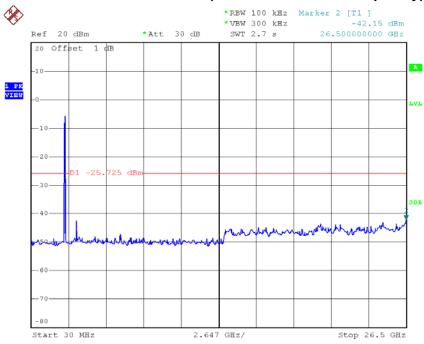
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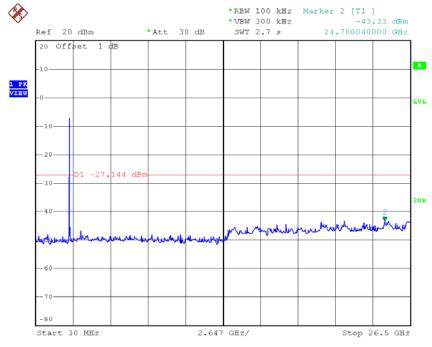






Date: 21.DEC.2015 10:56:51

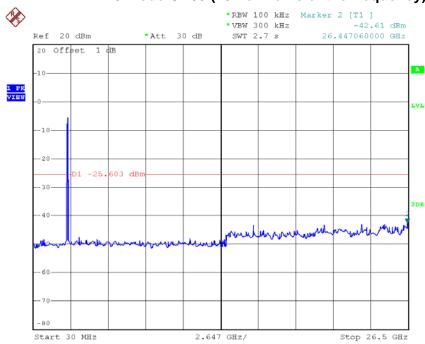
TX HT40 mode CH06 (10 Harmonic of the frequency)



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TX HT40 mode CH09 (10 Harmonic of the frequency)



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ATTACHMENT H - POWER SPECTRAL DENSITY

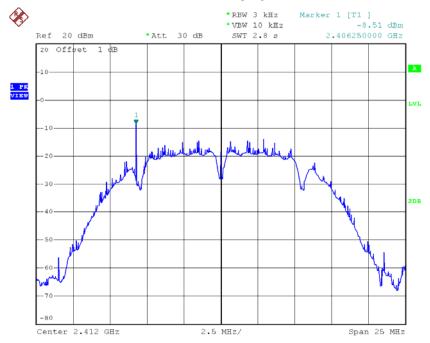
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Test Mode :TX B Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-8.51	0.14	8.00	Complies
2437	-15.92	0.03	8.00	Complies
2462	-15.23	0.03	8.00	Complies

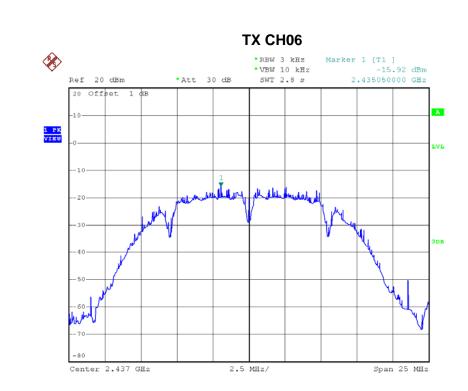
TX CH01



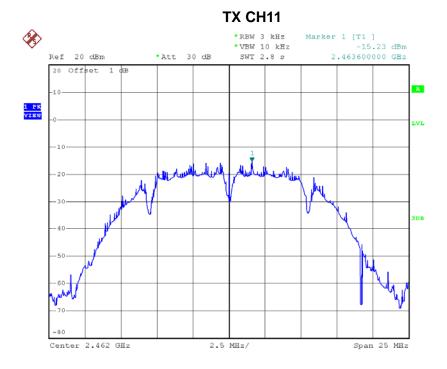
Date: 21.DEC.2015 10:12:57

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Date: 21.DEC.2015 10:15:05



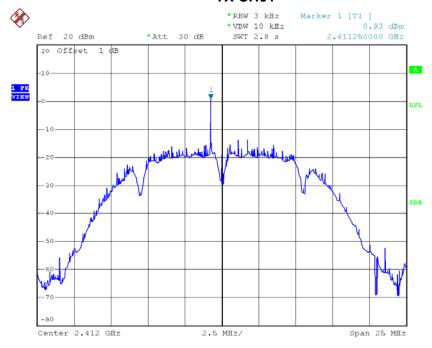
Date: 21.DEC.2015 10:16:25



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

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	0.93	1.24	8.00	Complies
2437	0.74	1.19	8.00	Complies
2462	-0.60	0.87	8.00	Complies

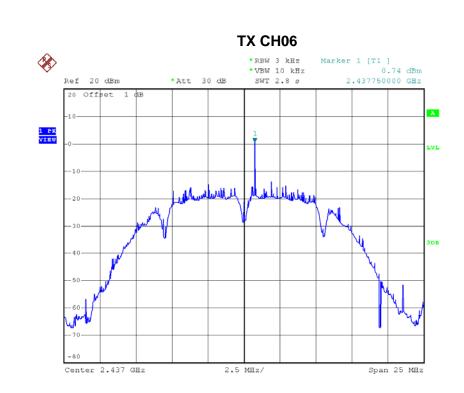
TX CH01



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Date: 21.DEC.2015 10:20:54

Date: 21.DEC.2015 10:23:03



Test Mode :TX B Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	1.40	1.38	8.00	Complies
2437	0.86	1.22	8.00	Complies
2462	-0.46	0.90	8.00	Complies

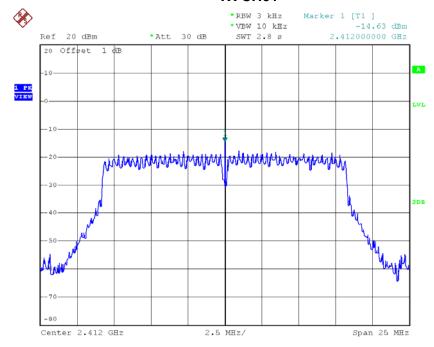
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Test Mode :TX G Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.63	0.03	8.00	Complies
2437	-15.13	0.03	8.00	Complies
2462	-15.98	0.03	8.00	Complies

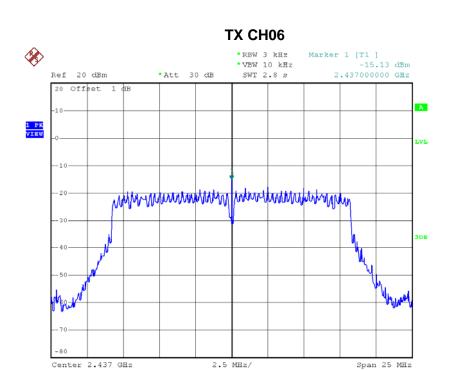
TX CH01



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Date: 21.DEC.2015 10:30:03

TX CH11 *RBW 3 kHz Marker 1 [T1] *VBW 10 kHz -15.98 dBm -10 SWT 2.8 \$ 2.462000000 GHz 20 Offset 1 dB -0 -20 -30 -40 -40 -50 -60 Center 2.462 GHz 2.5 MHz/ Span 25 MHz

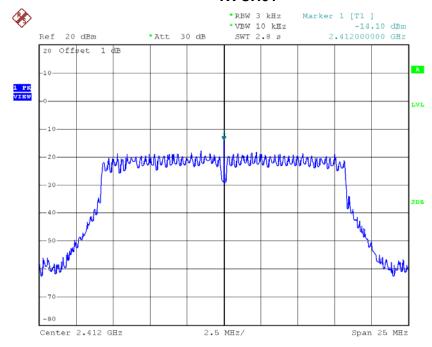
Date: 21.DEC.2015 10:31:21



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

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-14.10	0.04	8.00	Complies
2437	-16.03	0.02	8.00	Complies
2462	-15.47	0.03	8.00	Complies

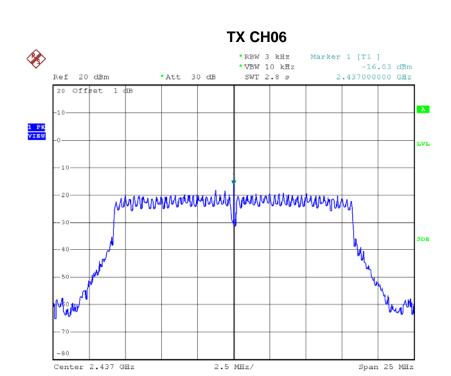
TX CH01



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Date: 21.DEC.2015 10:34:14

TX CH11 *RBW 3 kHz Marker 1 [T1] *VBW 10 kHz -15.47 dBm Ref 20 dBm *Att 30 dB SWT 2.8 s 2.462000000 GHz 20 Offset 1 dB -10 -20 -20 -40 -40 -50 -60 Center 2.462 GHz 2.5 MHz/ Span 25 MHz/

Date: 21.DEC.2015 10:37:41



Test Mode :TX G Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-11.55	0.07	8.00	Complies
2437	-13.01	0.05	8.00	Complies
2462	-12.22	0.06	8.00	Complies

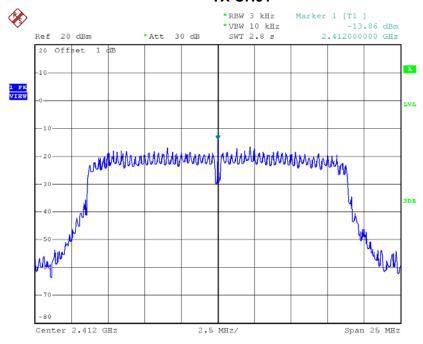
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Test Mode: TX N-20M Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-13.86	0.04	8.00	Complies
2437	-15.23	0.03	8.00	Complies
2462	-17.35	0.02	8.00	Complies

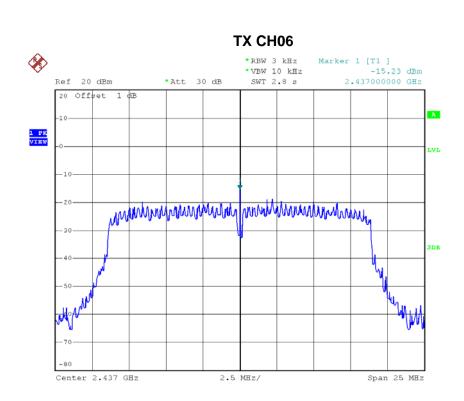
TX CH01



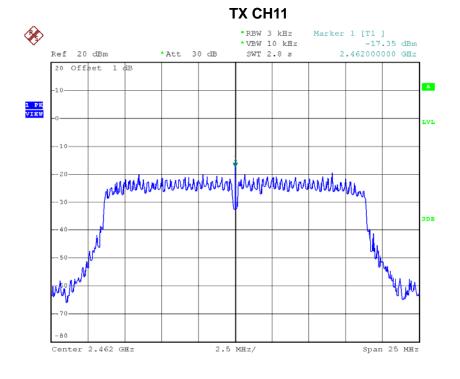
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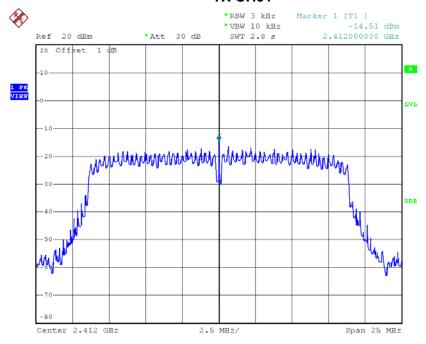
Date: 21.DEC.2015 10:44:02



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	-14.51	0.04	8.00	Complies
2437	-15.66	0.03	8.00	Complies
2462	-15.75	0.03	8.00	Complies

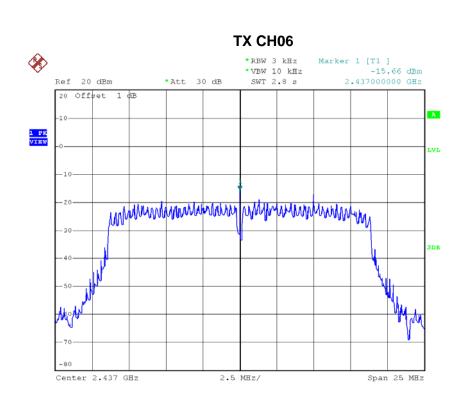
TX CH01



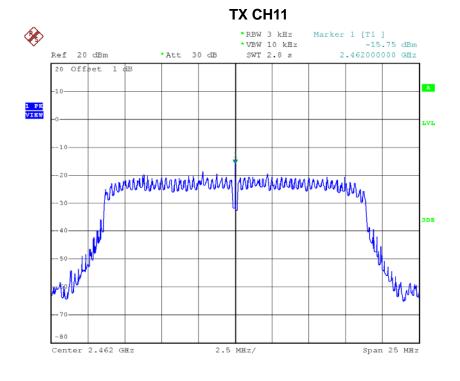
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Date: 21.DEC.2015 10:48:04



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	-10.97	0.08	8.00	Complies
2437	-12.22	0.06	8.00	Complies
2462	-13.01	0.05	8.00	Complies

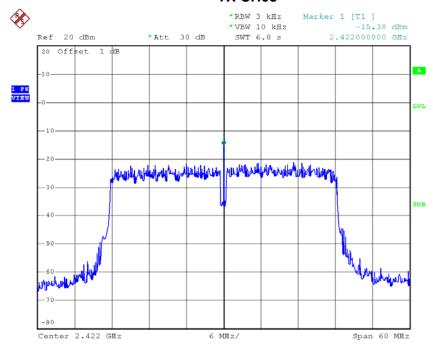
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Test Mode: TX N-40M Mode_CH03/06/09_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-15.38	0.03	8.00	Complies
2437	-12.94	0.05	8.00	Complies
2452	-13.61	0.04	8.00	Complies

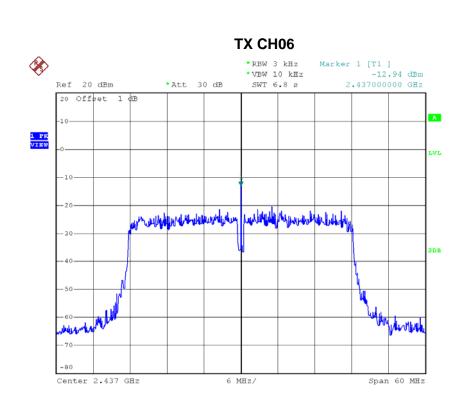
TX CH03



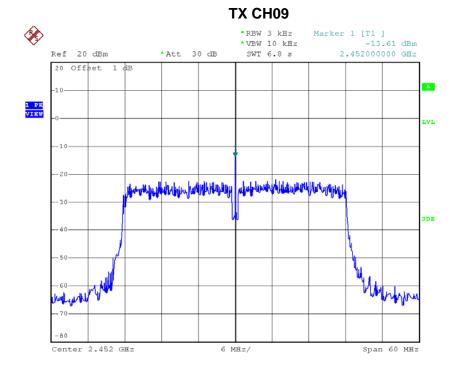
Date: 21.DEC.2015 10:51:06

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Date: 21.DEC.2015 10:52:22



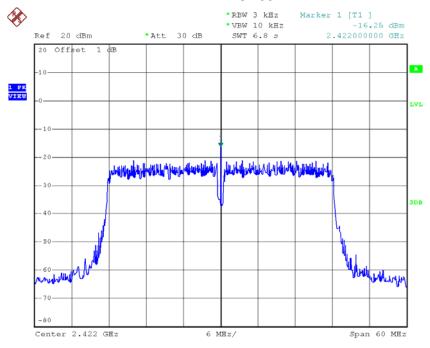
Date: 21.DEC.2015 10:53:36



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	-16.25	0.02	8.00	Complies
2437	-15.75	0.03	8.00	Complies
2452	-18.48	0.01	8.00	Complies

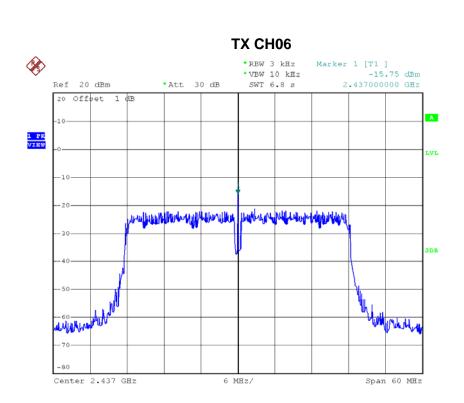
TX CH03



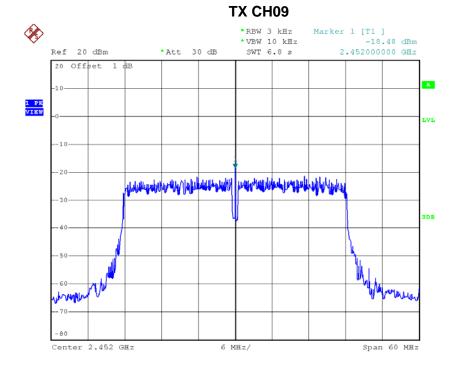
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Date: 21.DEC.2015 10:59:39



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

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-13.01	0.05	8.00	Complies
2437	-10.97	0.08	8.00	Complies
2452	-13.01	0.05	8.00	Complies

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