

# **FCC Radio Test Report FCC ID: 2ADPBIDRIVEONE**

This report concerns (che	eck one): 🖂Original G	Grant      Class I Chan	ge

: 1602C008 Project No. Equipment : IDrive One

Model Name : IDrive.One-XTB("X" is for the capacity of the hard

drive)

: IDrive Inc. Applicant

Address : 26115 Mureau Road Suite A Calabasas.CA 91302

Date of Receipt: Feb. 01, 2016

Date of Test : Feb. 01, 2016 ~ Mar. 11, 2016 | Issued Date : Mar. 14, 2016 | BTL Inc.

**Testing Engineer** (Shawn Xiao)

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# **REPORT ISSUED HISTORY**

Issued No.	Description	Issued Date
BTL-FCCP-1-1602C008	Original Issue.	Mar. 14, 2016

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#### 1. CERTIFICATION

Equipment : IDrive One Brand Name : IDrive

Model Name: IDrive.One-XTB("X" is for the capacity of the hard drive)

Applicant : IDrive Inc. Manufacturer : IDrive Inc.

Address : 26115 Mureau Road Suite A Calabasas, CA 91302

Factory : Power7 Technology (Dongguan) Co.,Ltd.

Address : No.28 Binjiang Street, Shishuikou Village, Qiaotou Town, Dongguan,

GuangDong Province P.R.China

Date of Test : Feb. 01, 2016 ~ Mar. 11, 2016

Test Sample: Engineering Sample

Standard(s) : FCC Part15, Subpart C (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-1-1602C008) 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).

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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					
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 Me	Method	Measurement Frequency	Ant.	U, (dB)
Test Site Method		Range	H/V	U, (UD)
		9KHz~30MHz	V	3.79
		9KHz~30MHz	Н	3.57
	CISPR	30MHz ~ 200MHz	V	3.82
DG-CB03		30MHz ~ 200MHz	Н	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	Ι	4.06
		1GHz~18GHz	V	3.12
		1GHz~18GHz	Ι	3.68
		18GHz~40GHz		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	IDrive One				
Brand Name	IDrive				
Model Name	IDrive.One-XTB	IDrive.One-XTB			
Model Difference	"X" is for the capacity of the	"X" is for the capacity of the hard drive			
	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: 18.07dBm 802.11g: 24.39dBm 802.11n(20MHz): 24.36dBm 802.11n(40MHz): 24.90dBm			
Power Source	#1 Supplied from USB port. #2 DC voltage supplied from AC adapter. Model: HNEM050200UU				
Power Rating	#1 DC 5V #2 I/P: 100-240V~50/60Hz 0.35A MAX O/P: 5.0V2.0A				

#### 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) Frequency (MHz) Channel Frequency (MHz)							
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	80	2447	11	2462
03	2422	06	2437	09	2452		

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3. Table for Filed Antenna:

Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	DCA2450-3216 05	Internal	N/A	2.5	TX/RX
2	N/A	DCA2450-3216 05	Internal	N/A	3	TX/RX

## Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

4.	Operating Mode		
	TX Mode	2TX	
	TX Wode		
	802.11b	V (ANT 1 + ANT 2)	
	802.11g	V (ANT 1 + ANT 2)	
	802.11n(20MHz)	V (ANT 1 + ANT 2)	
	802.11n(40MHz)	V (ANT 1 + ANT 2)	

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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	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	

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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: 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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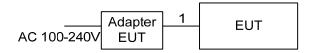


#### 3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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	MT7620QA		
Frequency (MHz)	2412	2437	2462
802.11b	O3	O2	00
802.11g	O1	00	00
802.11n (20MHz)	O2	O1	00
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	O5	O4	O4

#### 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.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	0.45m	USB 3.0 Cable

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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)

Frequency of Emission (MHz)	Conducted Limit (dBµV)		
Frequency of Emission (MHz)	Quasi-peak	Average	
0.15 -0.5	66 to 56*	56 to 46*	
0.50 -5.0	56	46	
5.0 -30.0	60	50	

#### Note

- (1) The limit of " \* " decreases with the logarithm of the frequency
- (2) The test result calculated as following: Measurement Value = Reading Level + Correct Factor Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use) Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

#### 4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e For the actual test configuration, please refer to the related Item –EUT Test Photos.

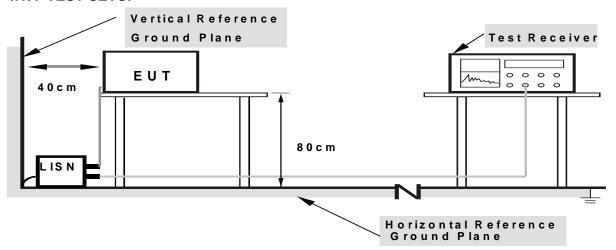
#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

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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: 24°C Relative Humidity: 60% 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)		
r requericy (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/T 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 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting 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

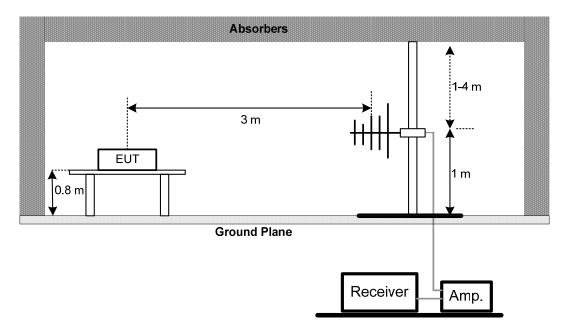
No deviation

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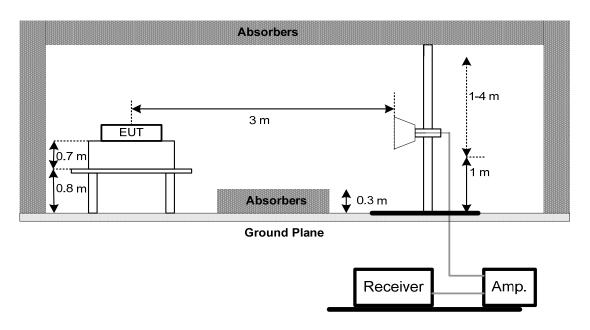


# 4.2.4 TEST SETUP

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



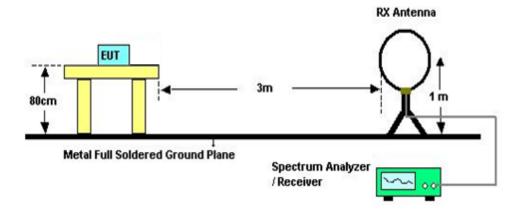
(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



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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: 22°C Relative Humidity: 56% 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: 22°C Relative Humidity: 56% 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	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 v03r04.

#### 6.1.2 DEVIATION FROM STANDARD

No deviation.

#### 6.1.3 TEST SETUP

EUT		Power Meter
	1	

#### **6.1.4 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

## **6.1.5 EUT TEST CONDITIONS**

Temperature: 22°C Relative Humidity: 56% 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: 22°C Relative Humidity: 56% 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: 22°C Relative Humidity: 56% 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	00052765	Mar. 28, 2016	
2	LISN	R&S	ENV216	101447	Mar. 28, 2016	
3	Test Cable	emci	RG223(9KHz-30M Hz)	C_17	Mar. 12, 2017	
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016	
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016	
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A	

	Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016	
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016	
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016	
4	Test Cable	emci	LMR-400(30MHz-1 GHz)	C-01	Jun. 28, 2016	
5	Controller	СТ	SC100	N/A	N/A	
6	Antenna	ETS	3115	00075789	Mar. 28, 2016	
7	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016	
8	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016	
9	Test Cable	emci	EMC104-SM-SM-1 0000(1GHz-26.5G Hz)	C-68	Jun. 28, 2016	
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016	
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016	
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	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

	Peak Output Power Measurement								
Item	Item Kind of Equipment Manufacturer Type No. Serial No. Calibrated un								
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	Kind of Equipment Manufacturer		Serial No.	Calibrated until			
1	Spectrum Analyzer R&S		FSP 40	100185	Oct. 11, 2016			

Power Spectral Density Measurement							
Item	m Kind of Equipment Manufacturer Type No. Serial No. Calibrated until						
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016		

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**



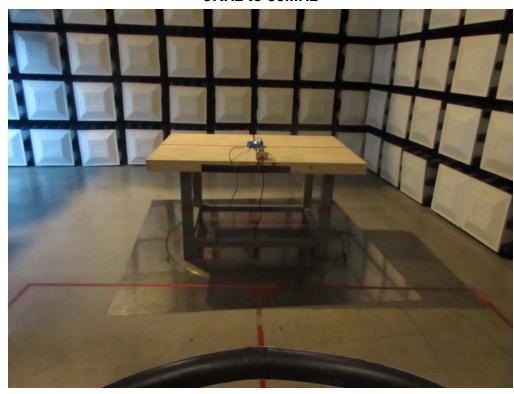


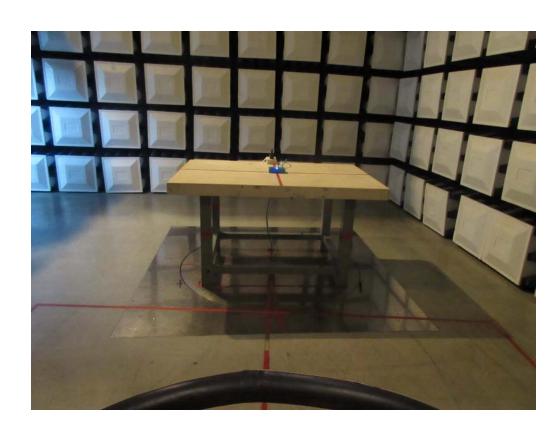


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# Radiated Measurement Photos 9KHz to 30MHz





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# Radiated Measurement Photos 30MHz to 1000MHz





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# Radiated Measurement Photos Above 1000MHz





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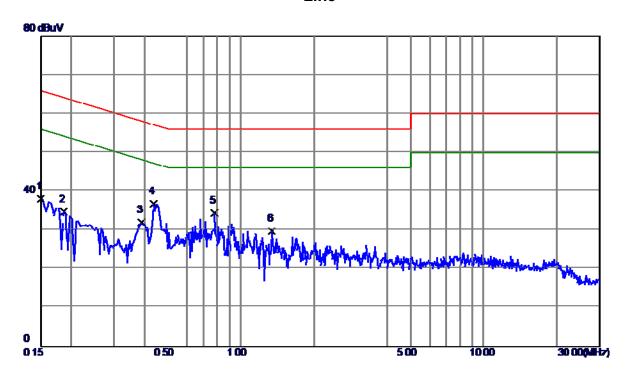


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# Line



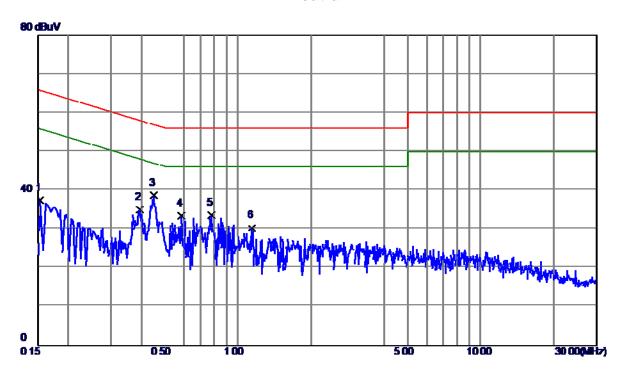
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	₫B	Detector	Comment
1	0.1500	28.52	9.54	38. 06	66.00	-27.94	Peak	
2	0.1860	25. 17	9. 57	34.74	64.21	-29.47	Peak	
3	0.3899	22.33	9.67	32.00	58. <b>0</b> 7	-26.07	Peak	
4	0.4380	27. 15	9. 68	36. 83	<b>57</b> . 1 <b>0</b>	-20.27	Peak	
5	0.7820	24.60	9.75	34. 35	56.00	-21.65	Peak	
6	1.3380	19.94	9.83	29. 77	56. 00	-26. 23	Peak	

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# **Neutral**



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	d₿	Detector	Comment
1	0.1539	27.98	9.49	37.47	65. 79	-28.32	Peak	
2	0.3940	25. 55	9.53	<b>35. 0</b> 8	57.98	-22 <b>. 90</b>	Peak	
3	0.4500	29. 18	9.54	38. 72	56.88	-18. 16	Peak	
4	0. 5860	23.84	9. 56	33. 40	56. 00	-22. 60	Peak	
5	0.7820	23.97	9. 56	33. 53	56.00	-22.47	Peak	
6	1.1460	20.71	9.61	30. 32	56. 00	-25. 68	Peak	

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

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Test Mode: TX B MODE CHANNEL 01

Frequency	Ant	Read level	Factor	Measured(FS)	Limit	Margin	Note	
(MHz)	0°/90°	dBuV/m	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note	
0.0098	0°	11.2	24.9460	36.1460	127.7797	-91.6337	AVG	
0.0098	0°	13.5	24.9460	38.4460	147.7797	-109.3337	PEAK	
0.0286	0°	5.62	23.7553	29.3753	118.4769	-89.1016	AVG	
0.0286	0°	7.24	23.7553	30.9953	138.4769	-107.4816	PEAK	
0.0359	0°	3.2	23.2930	26.4930	116.5023	-90.0093	AVG	
0.0359	0°	5.31	23.2930	28.6030	136.5023	-107.8993	PEAK	
0.0562	0°	1.03	22.2760	23.3060	112.6095	-89.3035	AVG	
0.0562	0°	2.15	22.2760	24.4260	132.6095	-108.1835	PEAK	
0.5268	0°	19.83	19.8858	39.7158	73.1713	-33.4555	QP	
1.9505	0°	23.58	19.5050	43.0850	69.5400	-26.4550	QP	

Frequency	Ant	Read level	Factor	Measured(FS)	Limit	Margin	Note	
(MHz)	0°/90°	dBuV/m	(dB)	(dBuV/m)	(dBuV/m)	(dB)	) Note	
0.0127	90°	13.56	24.3000	37.8600	125.5282	-87.6682	AVG	
0.0127	90°	15.25	24.3000	39.5500	145.5282	-105.9782	PEAK	
0.0255	90°	7.63	23.9517	31.5817	119.4734	-87.8918	AVG	
0.0255	90°	8.24	23.9517	32.1917	139.4734	-107.2818	PEAK	
0.0459	90°	5.39	22.6597	28.0497	114.3680	-86.3183	AVG	
0.0459	90°	6.4	22.6597	29.0597	134.3680	-105.3083	PEAK	
0.0566	90°	1.74	22.2680	24.0080	112.5479	-88.5399	AVG	
0.0566	90°	2.1	22.2680	24.3680	132.5479	-108.1799	PEAK	
0.6212	90°	22.3	20.1878	42.4878	71.7396	-29.2518	QP	
2.0535	90°	24.45	19.4679	43.9179	69.5400	-25.6221	QP	

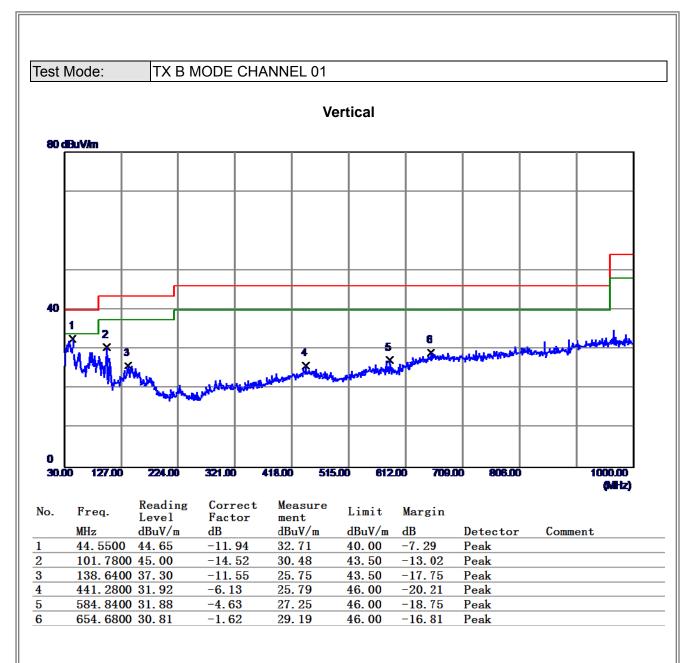
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ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

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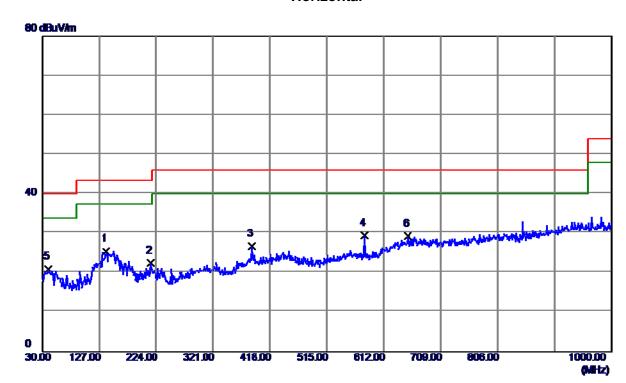








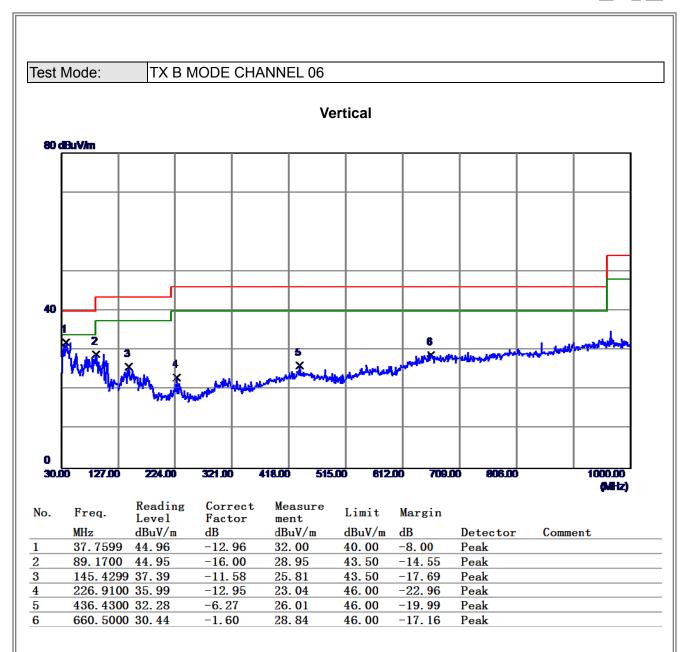
# Horizontal



MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB         Detector         Comment           1         138.6400 37.06         -11.55         25.51         43.50         -17.99         Peak           2         214.3000 36.06         -13.58         22.48         43.50         -21.02         Peak           3         386.9600 34.71         -7.96         26.75         46.00         -19.25         Peak           4         579.9900 34.09         -4.63         29.46         46.00         -16.54         Peak           5         39.7000 33.57         -12.68         20.89         40.00         -19.11         Peak           6         652.7400 30.92         -1.63         29.29         46.00         -16.71         Peak	No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
2     214. 3000 36. 06     -13. 58     22. 48     43. 50     -21. 02     Peak       3     386. 9600 34. 71     -7. 96     26. 75     46. 00     -19. 25     Peak       4     579. 9900 34. 09     -4. 63     29. 46     46. 00     -16. 54     Peak       5     39. 7000 33. 57     -12. 68     20. 89     40. 00     -19. 11     Peak		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
3     386. 9600 34. 71     -7. 96     26. 75     46. 00     -19. 25     Peak       4     579. 9900 34. 09     -4. 63     29. 46     46. 00     -16. 54     Peak       5     39. 7000 33. 57     -12. 68     20. 89     40. 00     -19. 11     Peak	1	138.6400	37.06	-11. 55	25. 51	43.50	-17.99	Peak	
4     579. 9900 34. 09     -4. 63     29. 46     46. 00     -16. 54     Peak       5     39. 7000 33. 57     -12. 68     20. 89     40. 00     -19. 11     Peak	2	214. 3000	36. 06	-13. 58	22.48	43.50	-21.02	Peak	
5 39.7000 33.57 -12.68 20.89 40.00 -19.11 Peak	3	386. 9600	34.71	-7.96	26. 75	46.00	-19. 25	Peak	
	4	579. 9900	34.09	-4.63	29.46	46.00	-16.54	Peak	
6 652.7400 30.92 -1.63 29.29 46.00 -16.71 Peak	5	39.7000	33. 57	-12.68	20.89	40.00	-19. 11	Peak	
	6	652. 7400	30. 92	-1.63	29. 29	46. 00	-16.71	Peak	

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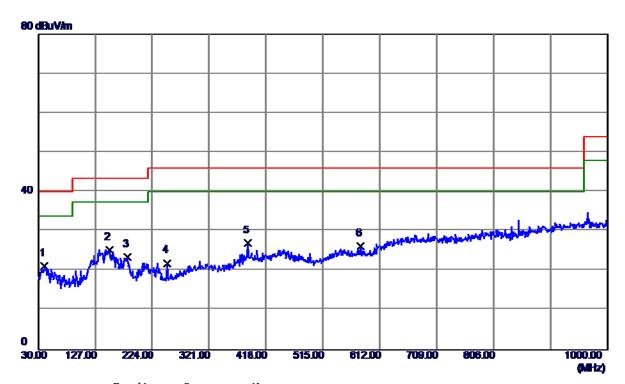








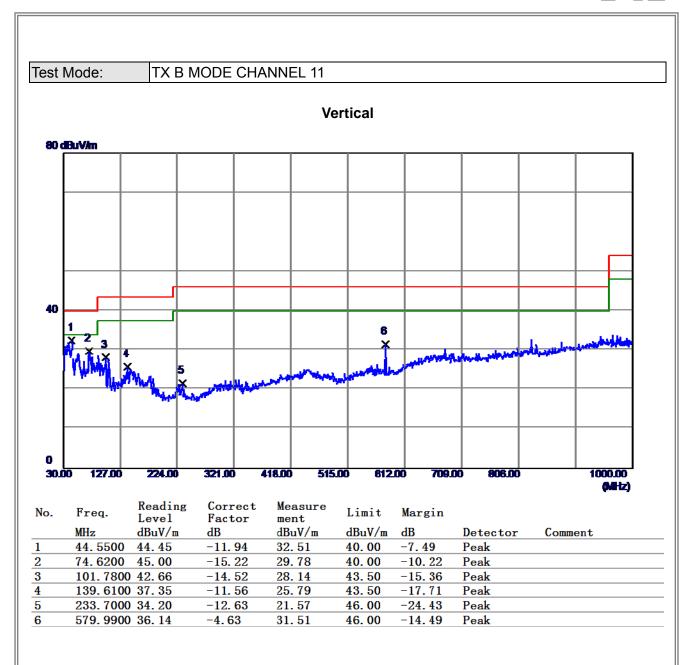
# Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	39.7000	33. 93	-12. 68	21. 25	40.00	-18.75	Peak	
2	151. 2500	37. 01	-11. 68	25. 33	43.50	-18. 17	Peak	
3	182. 2899	35. 30	-11. 82	23. 48	43.50	-20.02	Peak	
4	250. 1900	34.67	-12. 67	22.00	46.00	-24.00	Peak	
5	386. 9600	34. 98	-7.96	27. 02	46.00	-18.98	Peak	
6	579. 9900	30. 91	-4.63	26. 28	46.00	-19.72	Peak	

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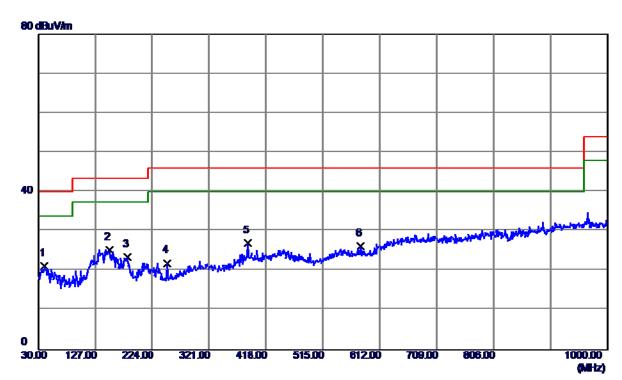






Test Mode: TX B MODE CHANNEL 11

# Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	39.7000	33. 93	-12. 68	21. 25	40.00	-18.75	Peak	
2	151. 2500	37.01	-11. 68	25. 33	43.50	-18. 17	Peak	
3	182. 2899	35. 30	-11. 82	23. 48	43.50	-20.02	Peak	
4	250. 1900	34.67	-12. 67	22.00	46.00	-24.00	Peak	
5	386. 9600	34. 98	-7.96	<b>27. 02</b>	46.00	-18.98	Peak	
6	579. 9900	30. 91	-4.63	26. 28	46.00	-19.72	Peak	

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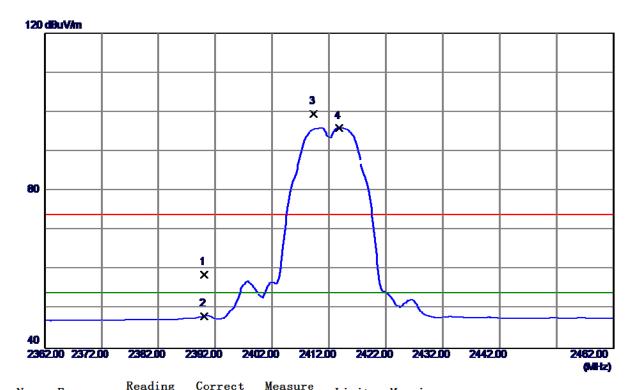
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

## Vertical



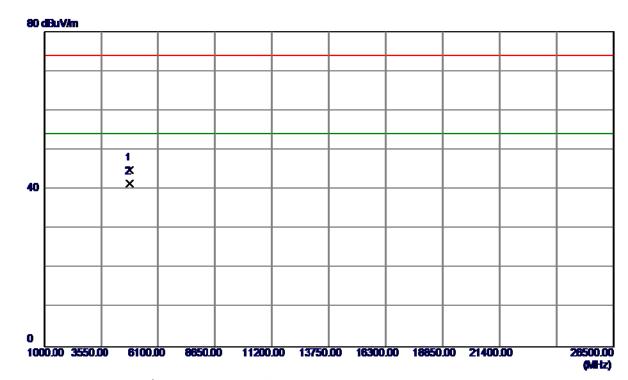
No.	Freq.	Level	Factor	measure	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	25. 97	32. 68	<b>58.65</b>	74.00	-15. 35	Peak	
2	2390.0000	15. 51	32. 68	48. 19	54.00	-5.81	AVG	
3	2409. 3000	66. 79	32. 70	99. 49	74.00	25. 49	Peak	No Limit
4	2413. 8000	63. 19	32.71	95. 90	54.00	41.90	AVG	No Limit

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

## **Vertical**



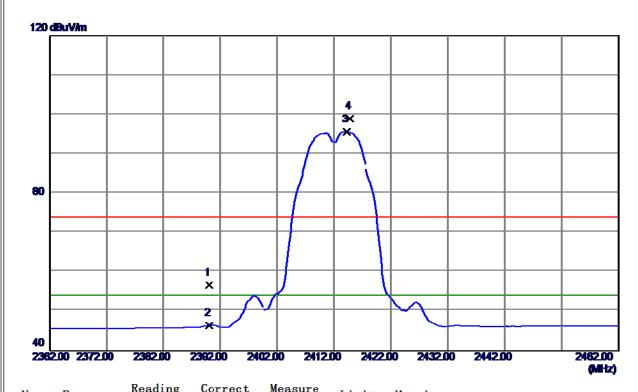
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0099	41.85	3.00	44.85	74.00	-29. 15	Peak	
2	4824.0099	38. 36	3.00	41.36	54.00	-12.64	AVG	

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Test Mode: TX B MODE 2412MHz

## Horizontal



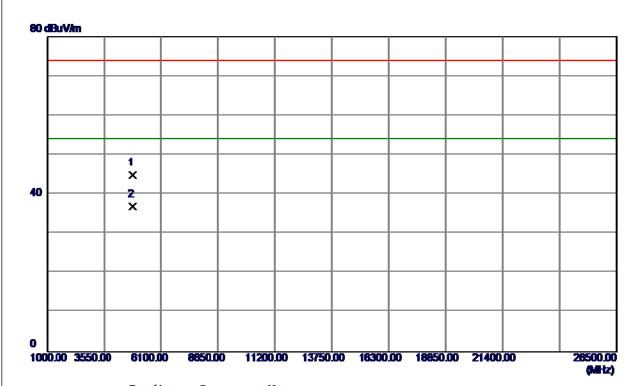
No.	Freq.	Keading Level	Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	22. 39	34. 23	56. 62	74.00	-17. 38	Peak	
2	2390.0000	12. 17	34. 23	46. 40	54.00	-7.60	AVG	
3	2414. 2000	61. 16	34. 37	95. 53	54.00	41.53	AVG	No Limit
4	2414. 8000	<b>64.</b> 51	34. 38	98. 89	74.00	24.89	Peak	No Limit

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Test Mode: TX B MODE 2412MHz

## Horizontal



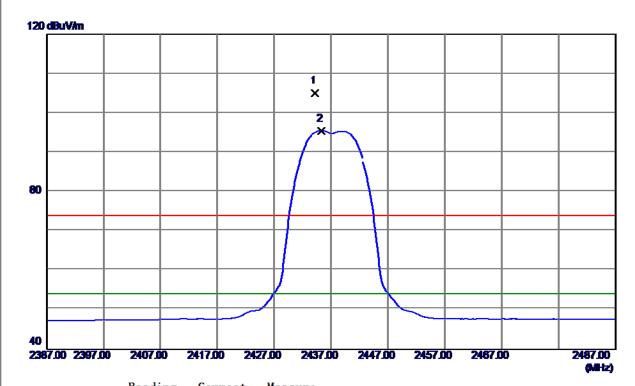
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824. 1000	41.87	3.00	44.87	74.00	-29. 13	Peak	
2	4824. 1000	33. 76	3.00	36. 76	54.00	-17.24	AVG	

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

## Vertical



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2434. 2000	72. 26	32. 74	105.00	74.00	31.00	Peak	No Limit
2	2435. 3000	62. 68	32. 74	95. 42	54.00	41.42	AVG	No Limit

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

## **Vertical**



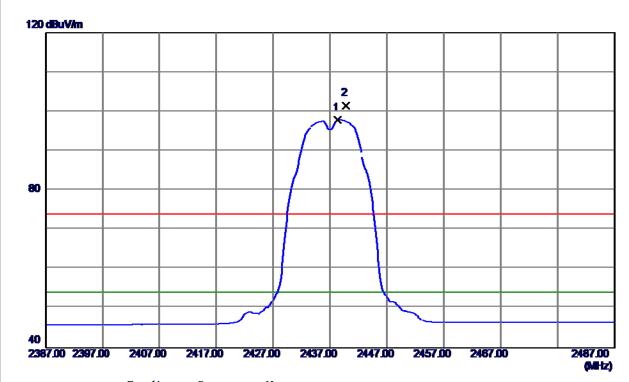
No.	Freq.	Level	Factor	measure	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0099	41.06	3.03	44.09	74.00	-29. 91	Peak	
2	4874.0099	<b>38. 0</b> 4	3.03	41.07	54.00	-12. 93	AVG	

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Test Mode: TX B MODE 2437MHz

## Horizontal



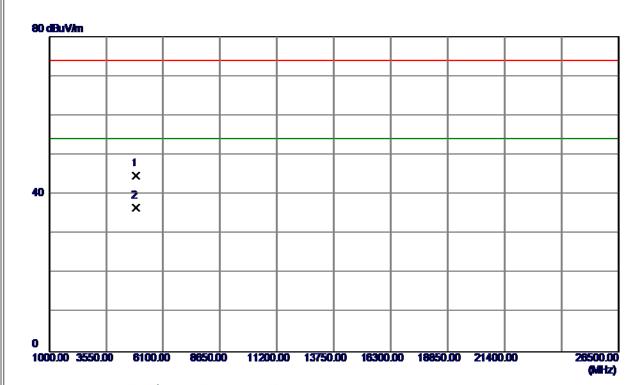
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2438. 3000	63. 33	34. 51	97.84	54.00	43.84	AVG	No Limit
2	2439.8000	66. 93	34. 52	101.45	74.00	27.45	Peak	No Limit

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

## Horizontal



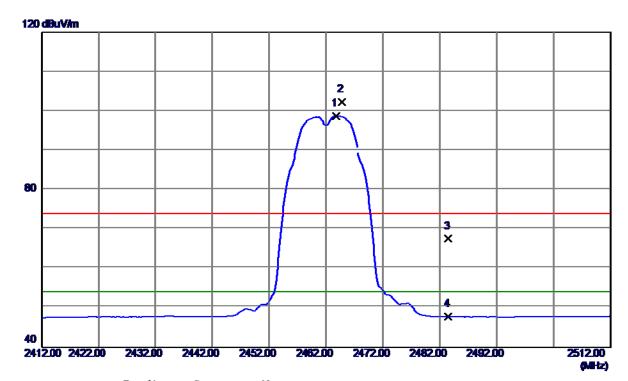
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874. 1000	41.66	3.03	44.69	74.00	-29. 31	Peak	
2	4874. 1000	33. 52	3.03	36. 55	54.00	-17.45	AVG	

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

## **Vertical**



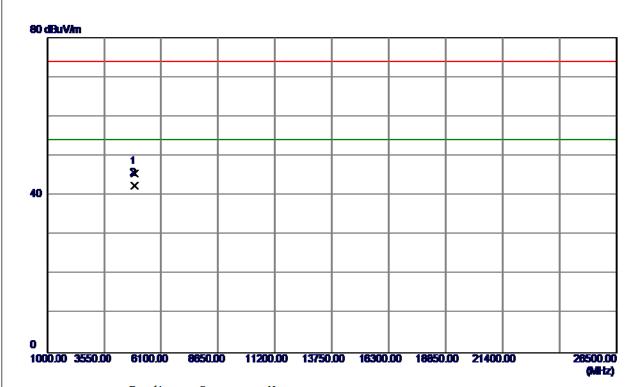
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463.8000	65. 98	32. 78	98. 76	54.00	44.76	AVG	No Limit
2	2464.8000	<b>69.4</b> 1	32. 78	102. 19	74.00	28. 19	Peak	No Limit
3	2483. 5000	34. 79	32. 81	67.60	74.00	-6. 40	Peak	
4	2483. 5000	14. 97	32. 81	47.78	54.00	-6. 22	AVG	

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

## **Vertical**



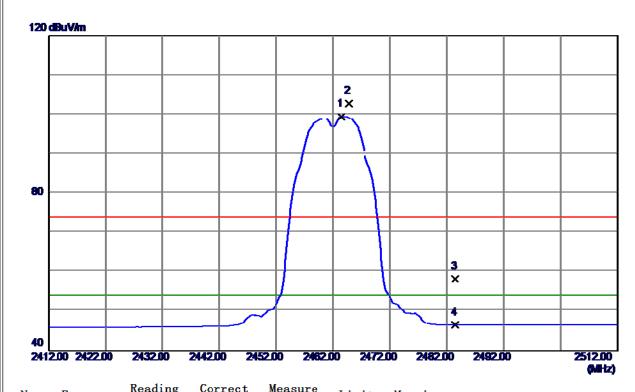
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0099	42.45	3.05	45. 50	74.00	-28. <b>50</b>	Peak	
2	4924.0099	39. 39	3.05	42.44	54.00	-11. 56	AVG	

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Test Mode: TX B MODE 2462MHz

## Horizontal



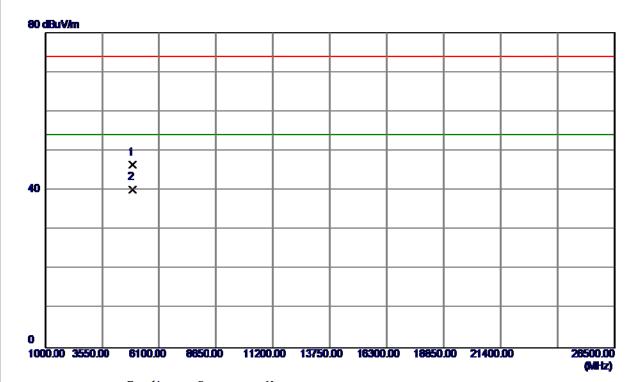
No.	Freq.	Keading Level	Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463. 5000	64.78	34. 66	99. 44	54.00	45.44	AVG	No Limit
2	2464. 8000	<b>68.</b> 11	34. 67	102.78	74.00	28.78	Peak	No Limit
3	2483. 5000	23. 54	34. 77	58. 31	74.00	-15.69	Peak	
4	2483. 5000	11. 76	34. 77	46. 53	54.00	-7.47	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 53 of 150



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

### Horizontal



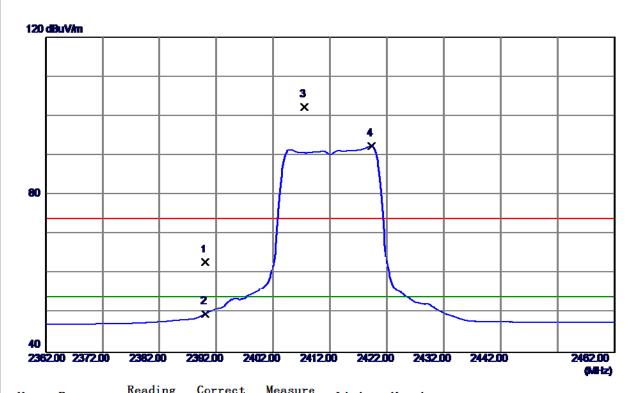
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924. 1000	43. 29	3.05	46. 34	74.00	-27.66	Peak	
2	4924. 1000	37.07	3.05	40. 12	54.00	-13.88	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 54 of 150



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

## Vertical



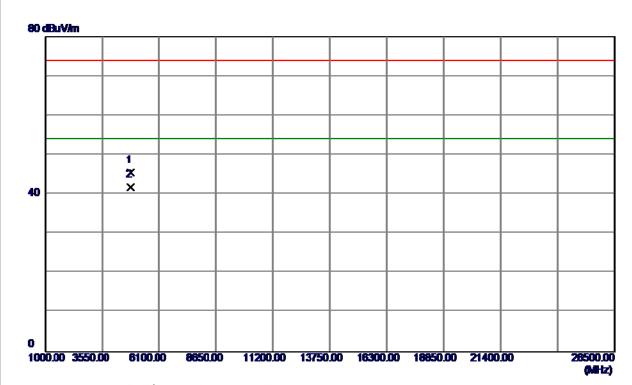
No.	Freq.	Level	Factor	measure	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	30. 16	32. 68	62.84	74.00	-11. 16	Peak	
2	2390.0000	17. 11	32. 68	49. 79	54.00	-4.21	AVG	
3	2407. 4000	69. 57	32. 70	102. 27	74.00	28. 27	Peak	No Limit
4	2419. 3000	59.63	32. 72	92. 35	54.00	38. 35	AVG	No Limit

Report No.: BTL-FCCP-1-1602C008 Page 55 of 150



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

## **Vertical**



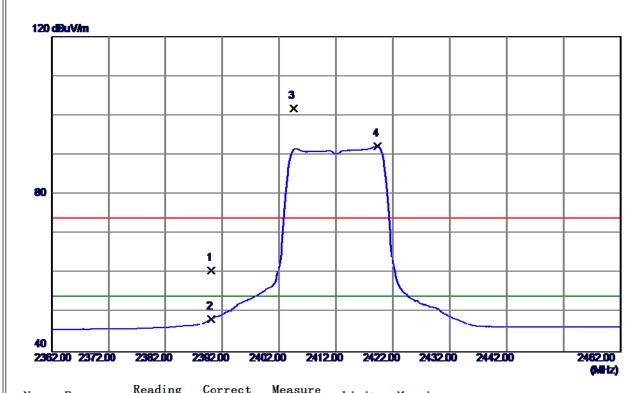
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0099	42. 39	3.00	45. 39	74.00	-28.61	Peak	
2	4824.0099	38. 72	3.00	41.72	54.00	-12. 28	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 56 of 150



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

## Horizontal



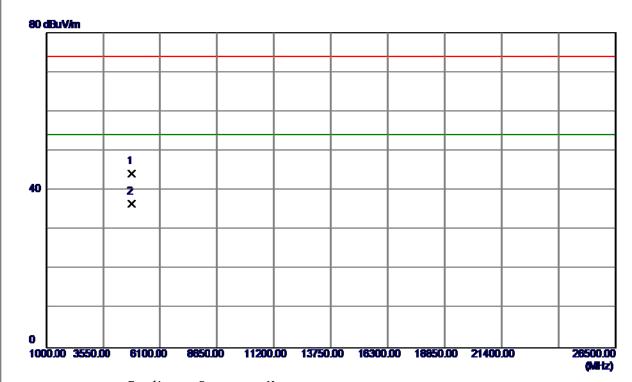
No.	Freq.	Level	Factor	ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	26. 48	34. 23	60.71	74.00	-13. 29	Peak	
2	2390.0000	14. 12	34. 23	48. 35	54.00	-5.65	AVG	
3	2404. 5000	<b>67.4</b> 1	34. 32	101.73	74.00	27.73	Peak	No Limit
4	2419. 3000	<b>57.8</b> 1	34. 40	92. 21	54.00	38. 21	AVG	No Limit

Report No.: BTL-FCCP-1-1602C008 Page 57 of 150



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

### Horizontal



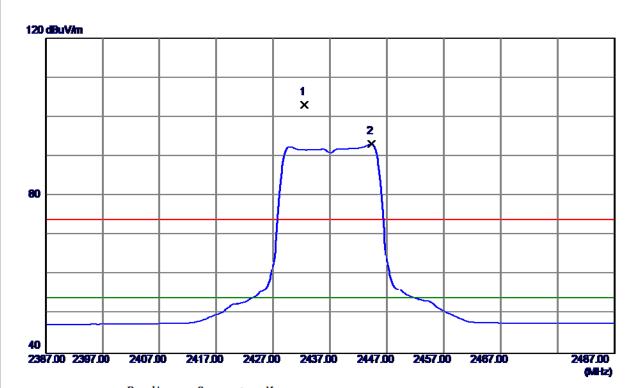
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824. 1000	41. 23	3.00	44. 23	74.00	-29.77	Peak	
2	4824. 1000	33. 55	3.00	36. 55	54.00	-17.45	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 58 of 150



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

# Vertical



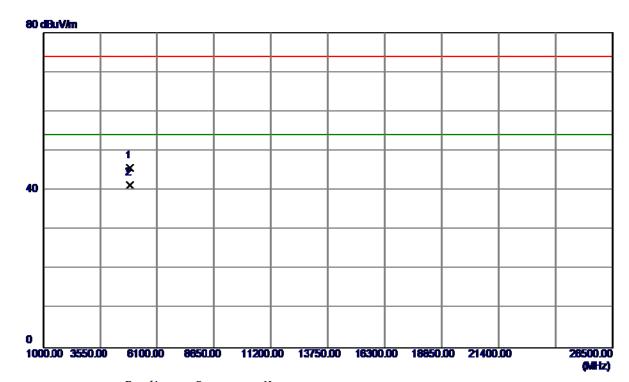
No.	. Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2432. 4000	70. 23	32. 74	102. 97	74.00	28. 97	Peak	No Limit
2	2444. 3000	<b>60. 3</b> 1	32. 75	93. 06	54.00	39.06	AVG	No Limit

Report No.: BTL-FCCP-1-1602C008 Page 59 of 150



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

## Vertical



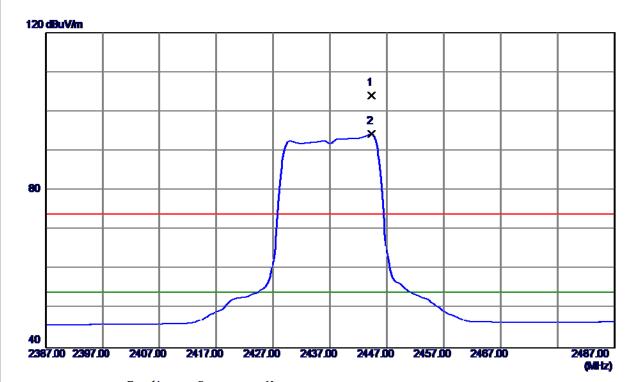
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0099	<b>42. 5</b> 1	3.03	45. 54	74.00	-28.46	Peak	
2	4874.0099	38. 24	3.03	41. 27	54.00	-12.73	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 60 of 150



Test Mode: TX G MODE 2437MHz

## Horizontal



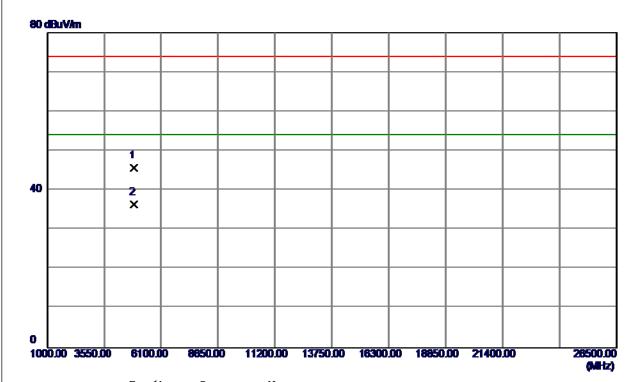
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2444. 3000	69. 50	34. 55	104.05	74.00	30.05	Peak	No Limit
2	2444. 3000	59. 63	34. 55	94. 18	54.00	40.18	AVG	No Limit

Report No.: BTL-FCCP-1-1602C008 Page 61 of 150



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

### Horizontal



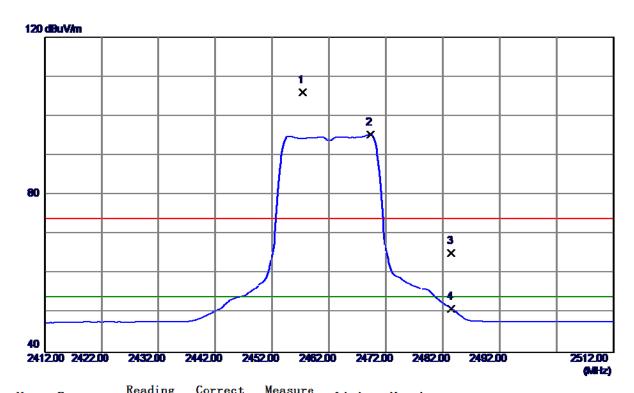
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874. 1000	42.64	3.03	45. 67	74.00	-28. 33	Peak	
2	4874. 1000	33. 34	3.03	36. 37	54.00	-17.63	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 62 of 150



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

## **Vertical**



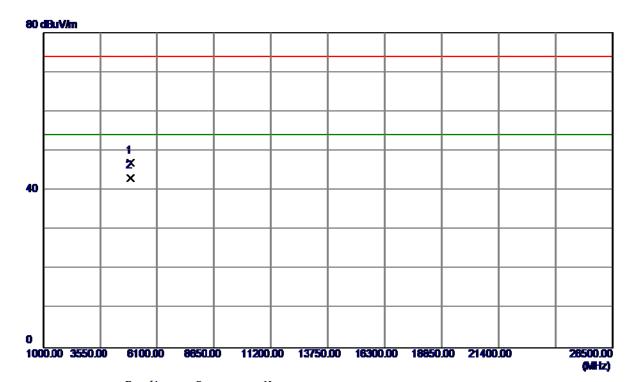
No.	Freq.	Level	Factor	measure	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2457. 3000	73. 17	32. 77	105. 94	74.00	31.94	Peak	No Limit
2	2469. 3000	62.44	32. 79	95. 23	54.00	41.23	AVG	No Limit
3	2483. 5000	32. 34	32.81	65. 15	74.00	-8.85	Peak	
4	2483. 5000	18. 15	32.81	50. 96	54.00	-3.04	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 63 of 150



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

## **Vertical**



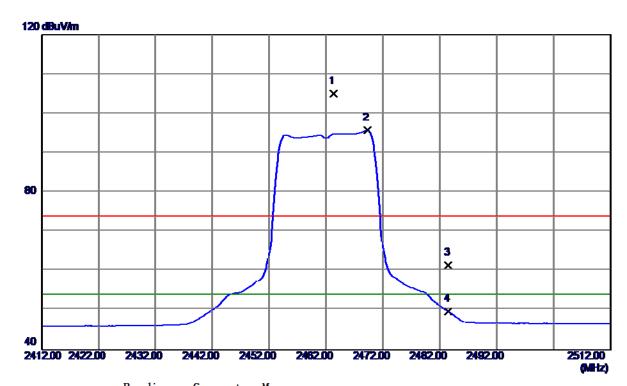
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0099	43.85	3.05	46. 90	74.00	-27. 10	Peak	
2	4924.0099	39. 99	3.05	43.04	54.00	-10.96	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 64 of 150



Test Mode: TX G MODE 2462MHz

## Horizontal



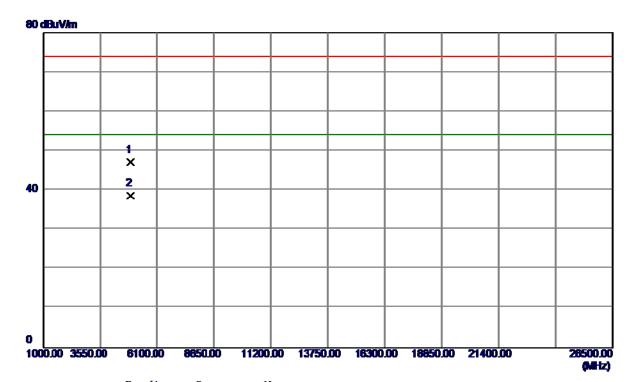
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2463. 3000	70. 33	34. 66	104.99	74.00	30. 99	Peak	No Limit
2	2469. 3000	60. 93	34. 69	95.62	54.00	41.62	AVG	No Limit
3	2483. 5000	26. 70	34. 77	61.47	74.00	-12.53	Peak	
4	2483. 5000	14. 95	34. 77	49.72	54.00	-4.28	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 65 of 150



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

## Horizontal



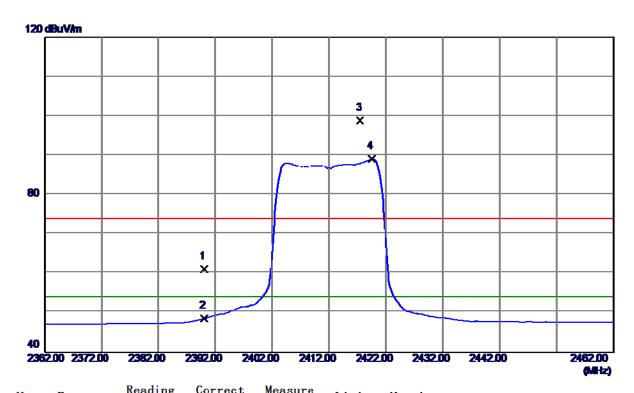
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924. 1000	43.97	3.05	47.02	74.00	-26. 98	Peak	
2	4924. 1000	<b>35. 4</b> 4	3.05	38. 49	54.00	-15. 51	AVG	

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

### Vertical



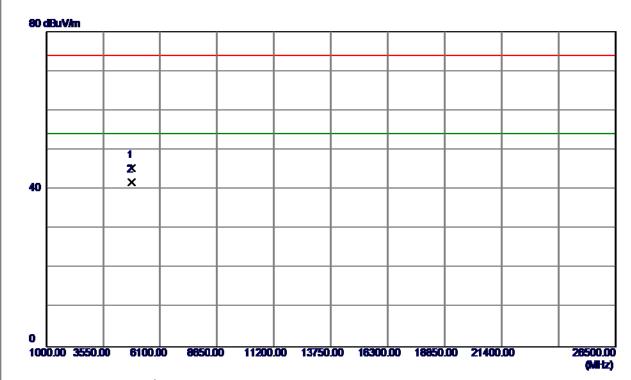
No.	Freq.	Level	Factor	measure	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	28. 51	32. 68	61. 19	74.00	-12.81	Peak	
2	2390. 0000	15. 91	32. 68	48. 59	54.00	-5.41	AVG	
3	2417. 5000	66. 20	32. 72	98. 92	74.00	24.92	Peak	No Limit
4	2419. 6000	56. 39	32. 72	89. 11	54.00	35. 11	AVG	No Limit

Report No.: BTL-FCCP-1-1602C008 Page 67 of 150



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

## Vertical



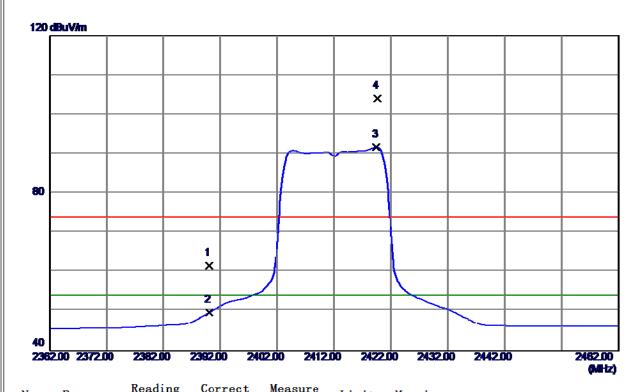
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0099	42. 36	3.00	45. 36	74.00	-28.64	Peak	
2	4824.0099	38. 77	3.00	41.77	54.00	-12. 23	AVG	

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

## Horizontal



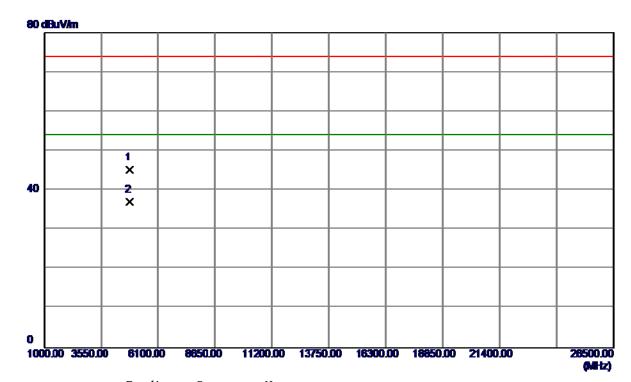
No.	Freq.	Keading Level	Correct Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	27. 34	34. 23	61. 57	74.00	-12.43	Peak	
2	2390. 0000	15. 47	34. 23	49.70	54.00	-4.30	AVG	
3	2419. 5000	57. 29	34. 40	91.69	54.00	37.69	AVG	No Limit
4	2419. 7000	69. 64	34. 40	104. 04	74.00	30. 04	Peak	No Limit

Report No.: BTL-FCCP-1-1602C008 Page 69 of 150



Test Mode: TX N-20M MODE 2412MHz

## Horizontal



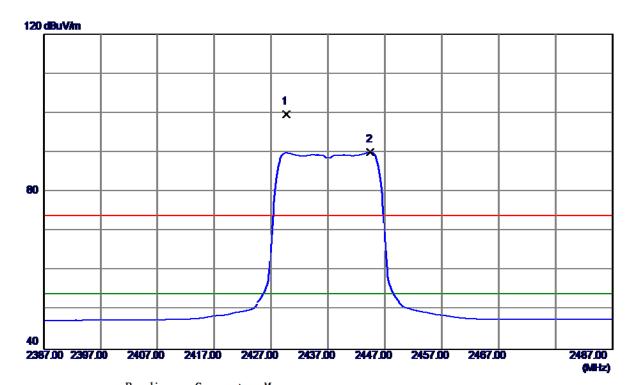
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824. 1000	42.07	3.00	45.07	74.00	-28.93	Peak	
2	4824. 1000	33.94	3.00	36. 94	54.00	-17.06	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 70 of 150



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

### Vertical



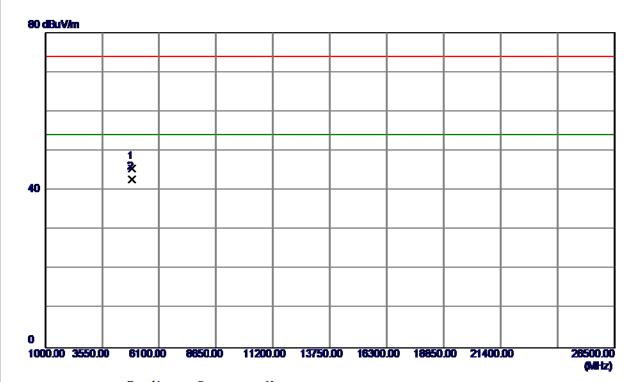
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2429.7000	66. 99	32. 73	99.72	74.00	25.72	Peak	No Limit
2	2444. 5000	57. 29	32. 75	90. 04	54.00	36. 04	AVG	No Limit

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Orthogonal Axis: X
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	4874.0000	42.35	3.03	45. 38	74.00	-28.62	Peak	
2	4874.0000	39. 63	3.03	42.66	54.00	-11. 34	AVG	

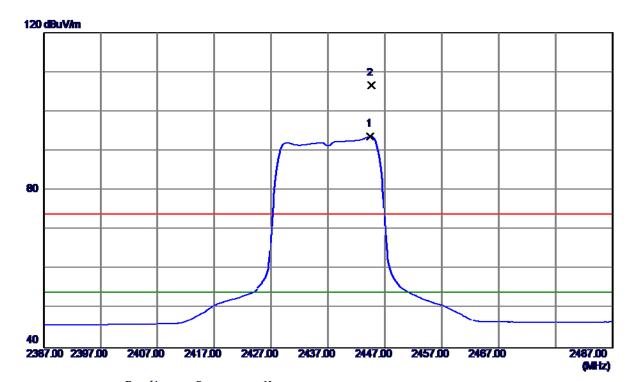
Report No.: BTL-FCCP-1-1602C008 Page 72 of 150



Orthogonal Axis: X

Test Mode: TX N-20M MODE 2437MHz

# Horizontal



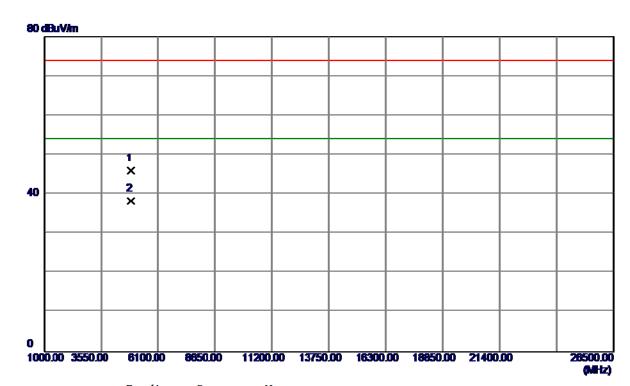
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2444. 5000	<b>59. 06</b>	34. 55	93. 61	<b>54.00</b>	39.61	AVG	No Limit
2	2444.7000	71. 98	34. 55	106. 53	74.00	32. 53	Peak	No Limit

Report No.: BTL-FCCP-1-1602C008 Page 73 of 150



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

# Horizontal



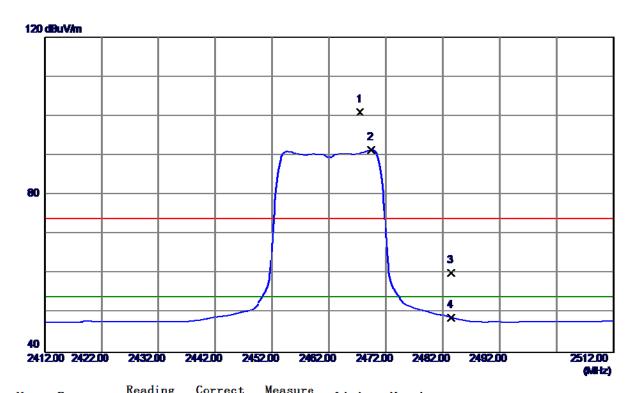
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874. 1000	42.95	3.03	45. 98	74.00	<b>-28.02</b>	Peak	
2	4874. 1000	35. 14	3.03	38. 17	54.00	-15.83	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 74 of 150



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

#### Vertical



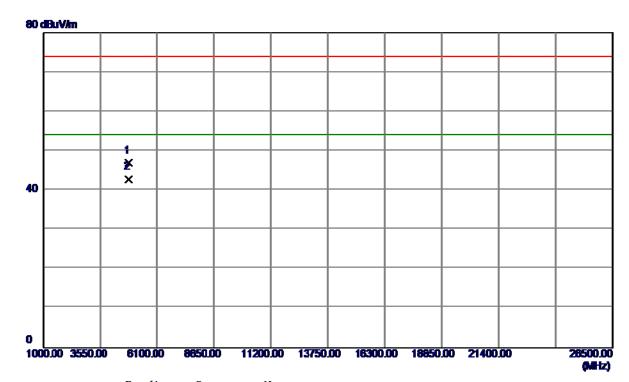
No.	Freq.	Level	Factor	measure	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2467. 5000	68. 16	32. 79	100. 95	74.00	26. 95	Peak	No Limit
2	2469. 5000	58. 59	32. 79	91. 38	54.00	37. 38	AVG	No Limit
3	2483. 5000	27. 30	32. 81	60. 11	74.00	-13.89	Peak	
4	2483. 5000	<b>16. 0</b> 4	32.81	48.85	54.00	-5. 15	AVG	

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Orthogonal Axis: X
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	4824.0099	43.89	3.00	46.89	74.00	-27. 11	Peak	
2	4824.0099	39. 73	3.00	42.73	54.00	-11. 27	AVG	

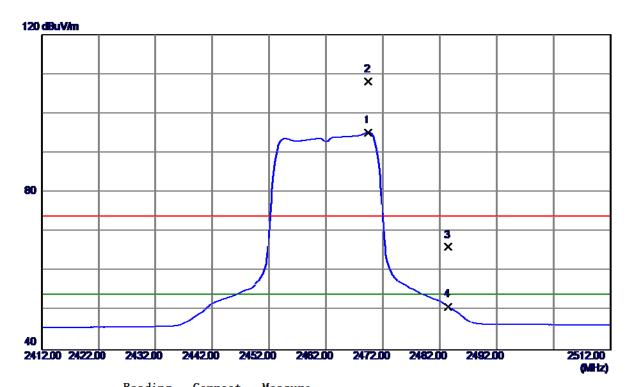
Report No.: BTL-FCCP-1-1602C008 Page 76 of 150



Orthogonal Axis: X

Test Mode: TX N-20M MODE 2462MHz

# Horizontal



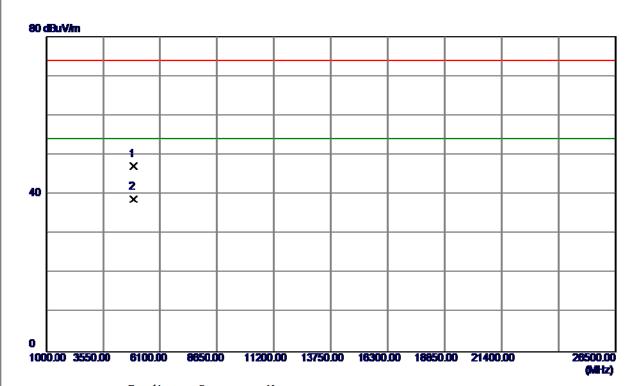
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2469. 4000	60. 42	34. 69	95. 11	54.00	41.11	AVG	No Limit
2	2469. 5000	73. 29	34. 69	107. 98	74.00	33. 98	Peak	No Limit
3	2483. 5000	31. 23	34. 77	66.00	74.00	-8.00	Peak	
4	2483. 5000	16. 12	34. 77	50.89	54.00	-3.11	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 77 of 150



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

# Horizontal



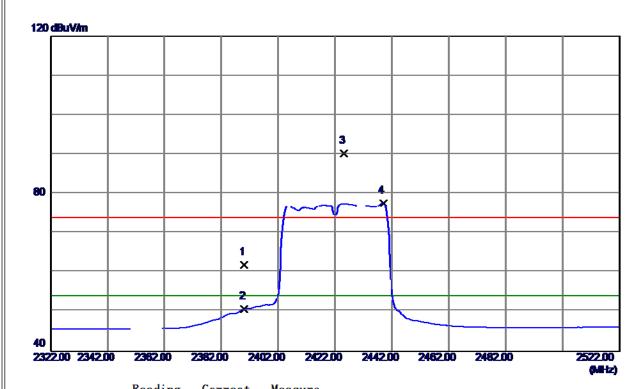
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924. 1000	<b>43.9</b> 4	3.05	46. 99	74.00	-27.01	Peak	
2	4924. 1000	35. 70	3.05	38. 75	54.00	-15. 25	AVG	

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

#### Vertical



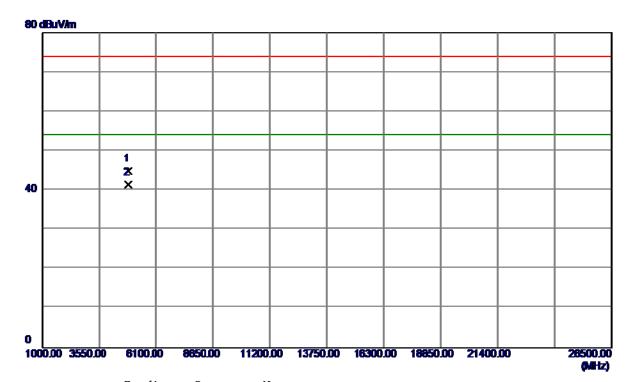
No.	Freq.	Level	Factor	measure	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	29. 23	32. 68	61. 91	74.00	-12. 09	Peak	
2	2390.0000	18. 11	32. 68	50. 79	54.00	-3. 21	AVG	
3	2425. 2000	<b>57. 52</b>	32. 73	90. 25	74.00	16. 25	Peak	No Limit
4	2439. 0000	44. 91	32. 75	77.66	54.00	23.66	AVG	No Limit

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Orthogonal Axis: X
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	4844.0099	41.84	3.01	44.85	74.00	-29. 15	Peak	
2	4844.0099	38. 35	3.01	41. 36	54.00	-12.64	AVG	

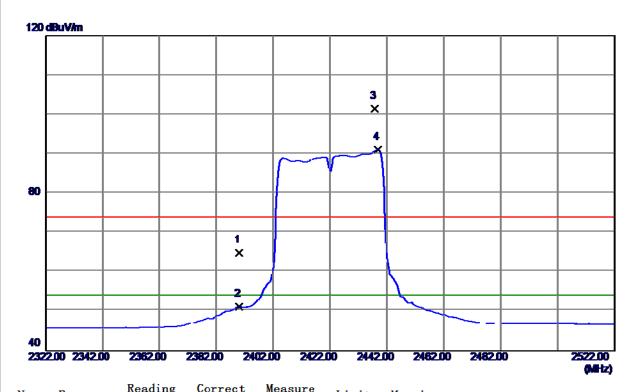
Report No.: BTL-FCCP-1-1602C008 Page 80 of 150



Orthogonal Axis: X

Test Mode: TX N-40M MODE 2422MHz

# Horizontal



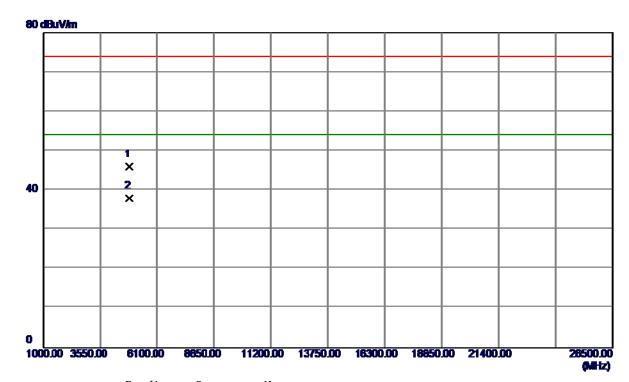
No.	Freq.	Keading Level	Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390. 0000	32. 20	32. 68	64.88	74.00	-9. 12	Peak	
2	2390. 0000	18. 57	32. 68	51. 25	<b>54.00</b>	<b>-2.75</b>	AVG	
3	2437.8000	68. 69	32. 74	101.43	74.00	27.43	Peak	No Limit
4	2438. 8000	58. 30	32. 75	91. 05	54.00	37.05	AVG	No Limit

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

# Horizontal



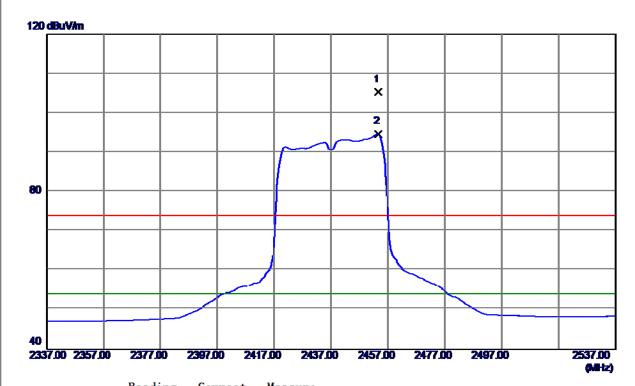
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844. 1000	42.96	3.01	45. 97	74.00	<b>-28.03</b>	Peak	
2	4844. 1000	34.85	3.01	37.86	54.00	-16. 14	AVG	

Report No.: BTL-FCCP-1-1602C008 Page 82 of 150



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

#### Vertical



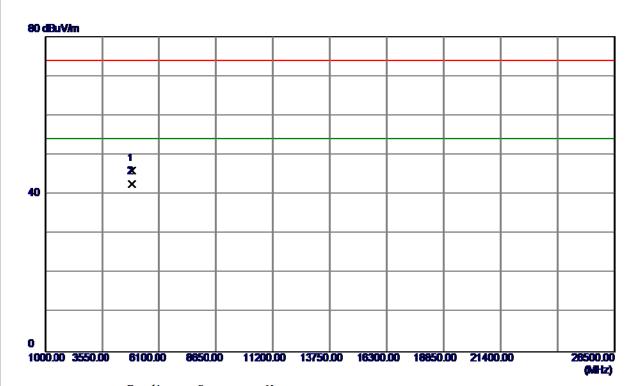
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2453. 6000	72.48	32. 77	105. 25	74.00	31. 25	Peak	No Limit
2	2453. 6000	61.87	32. 77	94.64	54.00	40.64	AVG	No Limit

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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	4874.0099	42.96	3.03	45. 99	74.00	-28.01	Peak	
2	4874.0099	39. 55	3.03	42. 58	54.00	-11.42	AVG	

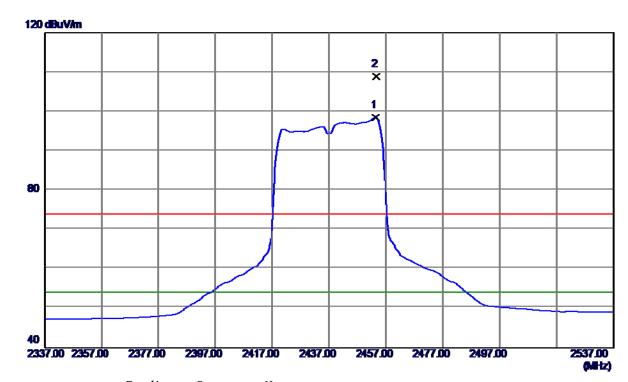
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Orthogonal Axis: X

Test Mode: TX N-40M MODE 2437MHz

# Horizontal



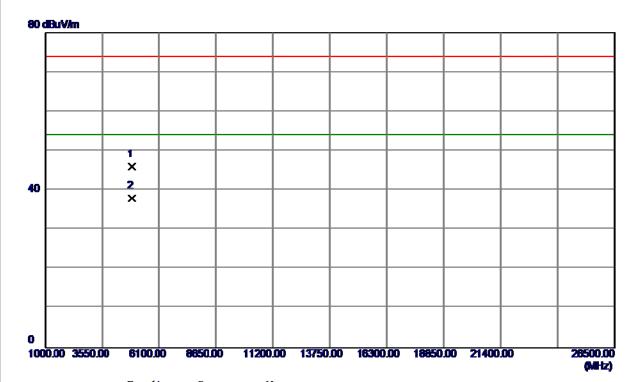
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2453. 4000	65. 59	32. 77	98. 36	54.00	44. 36	AVG	No Limit
2	2453.6000	76. 10	32. 77	108.87	74.00	34.87	Peak	No Limit

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

# Horizontal



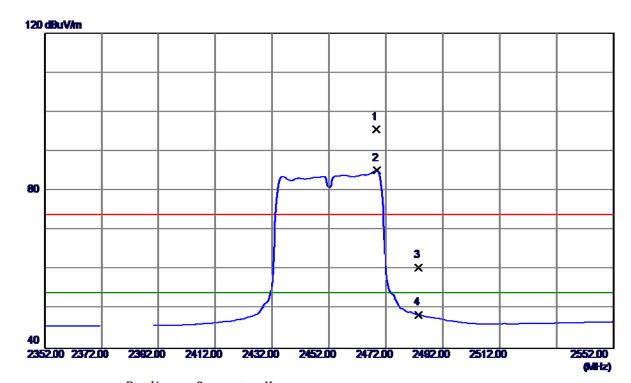
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874. 1000	42.88	3.03	45. 91	74.00	-28.09	Peak	
2	4874. 1000	34. 92	3.03	37. 95	54.00	-16.05	AVG	

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

#### Vertical



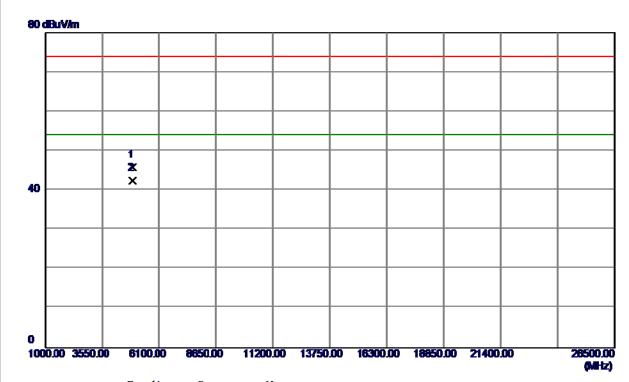
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2468.6000	62. 78	32. 79	95. 57	74.00	21. 57	Peak	No Limit
2	2468. 8000	52. 27	32. 79	85. 06	<b>54.00</b>	31.06	AVG	No Limit
3	2483. 5000	27.66	32. 81	60.47	74.00	-13. 53	Peak	
4	2483. 5000	15. 72	32. 81	48. 53	54.00	-5.47	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	4904.0099	42.76	3.04	45.80	74.00	<b>-28.20</b>	Peak	
2	4904.0099	39. 29	3.04	42. 33	54.00	-11.67	AVG	

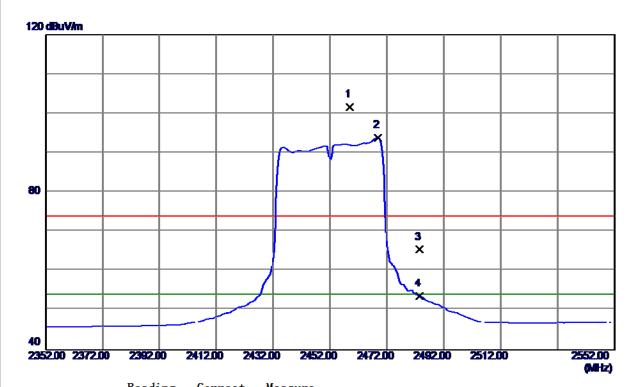
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Orthogonal Axis: X

Test Mode: TX N-40M MODE 2452MHz

# Horizontal



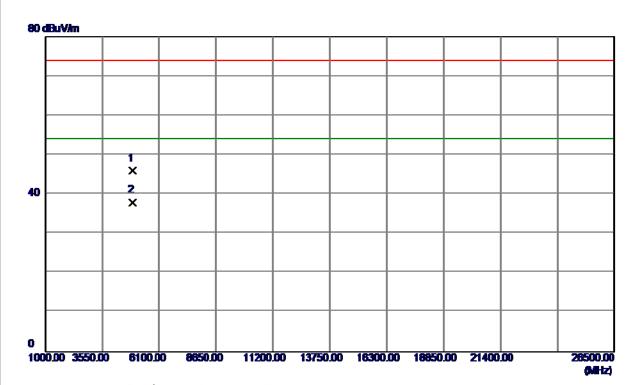
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2458. 8000	68. 87	32. 77	101.64	74.00	27.64	Peak	No Limit
2	2468. 8000	61.00	32. 79	93. 79	54.00	39.79	AVG	No Limit
3	2483. 5000	32.66	32. 81	65. 47	74.00	-8.53	Peak	
4	2483. 5000	20. 81	32. 81	53.62	54.00	-0.38	AVG	

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Orthogonal Axis: X
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	1901. 1000	12.91	3.01	<b>15.95</b>	74.00	-28.05	Pcak	
2	4904. 1000	34.85	3.04	37.89	54.00	-16. 11	AVG	

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ATTACHMENT E - BANDWIDTH

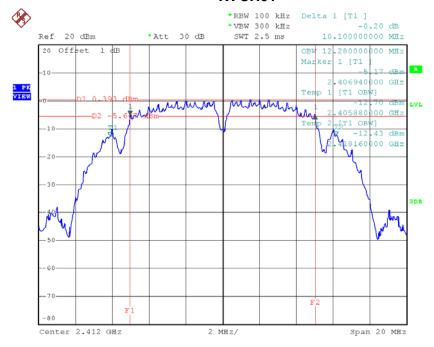
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Test Mode: TX B Mode\_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.10	12.28	500	Complies
2437	10.08	12.24	500	Complies
2462	10.10	12.40	500	Complies

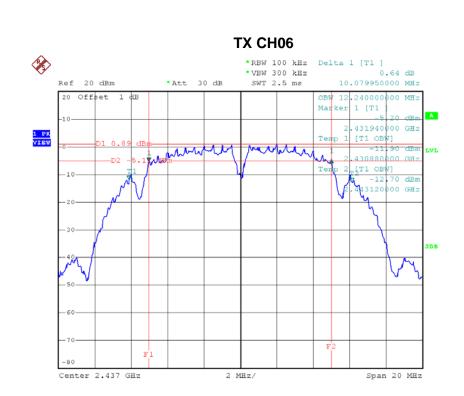
# TX CH01



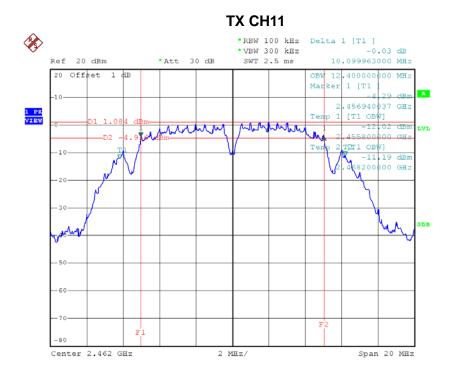
Date: 24.FEB.2016 08:41:12

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Date: 24.FEB.2016 08:43:34



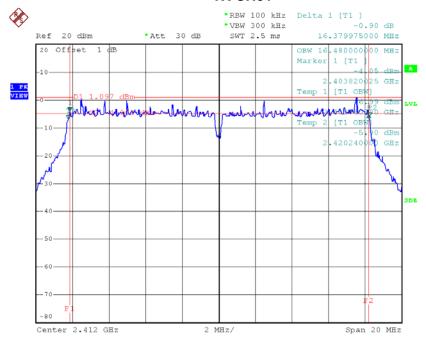
Date: 24.FEB.2016 08:45:17



# Test Mode: TX G Mode\_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.38	16.48	500	Complies
2437	16.47	16.48	500	Complies
2462	16.48	16.56	500	Complies

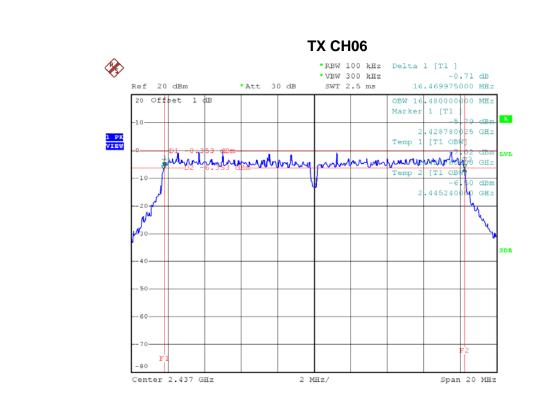
# TX CH01



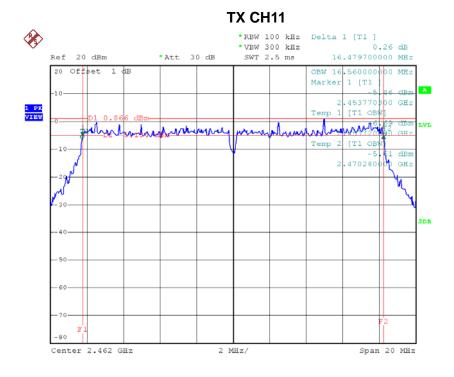
Date: 24.FEB.2016 08:52:00

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Date: 24.FEB.2016 08:53:11



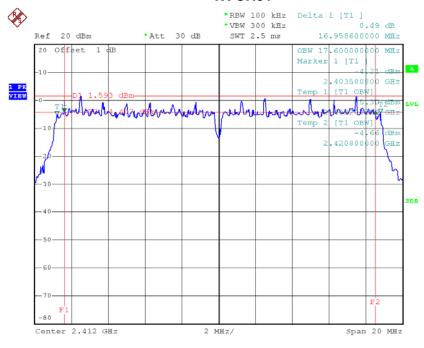
Date: 24.FEB.2016 08:54:18



Test Mode: TX N-20MHz Mode\_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.96	17.60	500	Complies
2437	16.98	17.64	500	Complies
2462	17.34	17.60	500	Complies

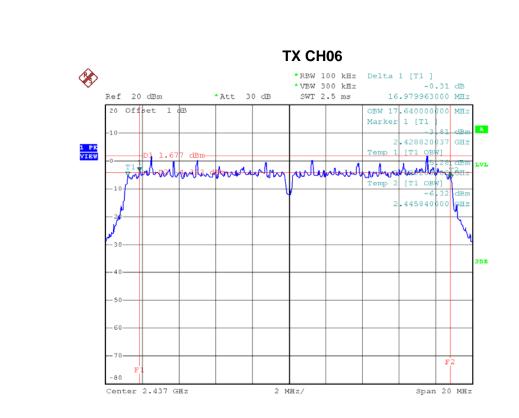
#### **TX CH01**



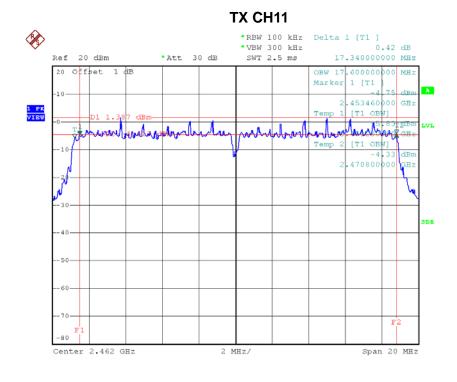
Date: 24.FEB.2016 08:59:40

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Date: 24.FEB.2016 09:01:48



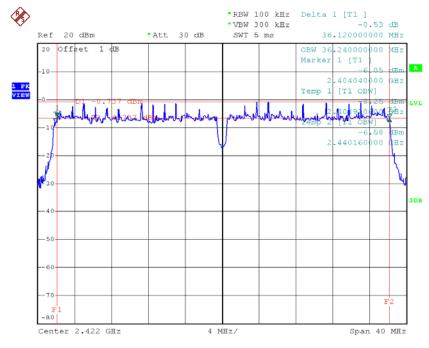
Date: 24.FEB.2016 09:02:48



Test Mode: TX N-40MHz Mode\_CH03/06/09

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	36.12	36.24	500	Complies
2437	36.16	36.24	500	Complies
2452	36.20	36.24	500	Complies

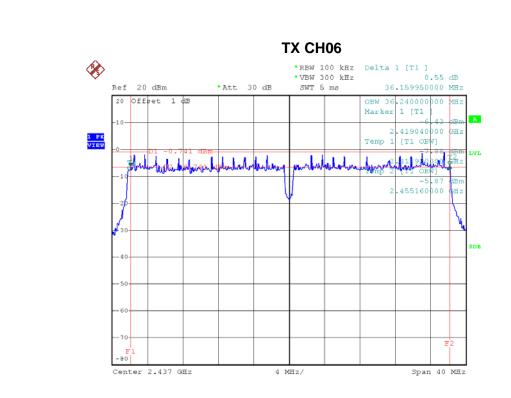
# **TX CH03**



Date: 24.FEB.2016 09:07:56

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Date: 24.FEB.2016 09:09:15

# 

Date: 24.FEB.2016 09:10:19



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	15.06	0.03	30.00	1.00	Complies			
2437	15.39	0.03	30.00	1.00	Complies			
2462	15.09	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	15.06	0.03	30.00	1.00	Complies			
2437	14.66	0.03	30.00	1.00	Complies			
2462	14.67	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	18.07	0.06	30.00	1.00	Complies			
2437	18.05	0.06	30.00	1.00	Complies			
2462	17.90	0.06	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	21.36	0.14	30.00	1.00	Complies			
2437	21.34	0.14	30.00	1.00	Complies			
2462	21.76	0.15	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	21.05	0.13	30.00	1.00	Complies				
2437	20.75	0.12	30.00	1.00	Complies				
2462	20.96	0.12	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	24.22	0.26	30.00	1.00	Complies				
2437	24.07	0.25	30.00	1.00	Complies				
2462	24.39	0.27	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	21.58	0.14	30.00	1.00	Complies			
2437	21.79	0.15	30.00	1.00	Complies			
2462	21.46	0.14	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	20.86	0.12	30.00	1.00	Complies				
2437	20.87	0.12	30.00	1.00	Complies				
2462	20.96	0.12	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	24.25	0.27	30.00	1.00	Complies				
2437	24.36	0.27	30.00	1.00	Complies				
2462	24.23	0.26	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	21.20	0.13	30.00	1.00	Complies			
2437	22.16	0.16	30.00	1.00	Complies			
2452	22.60	0.18	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)	Result				
2422	20.78	0.12	30.00	1.00	Complies				
2437	20.98	0.13	30.00	1.00	Complies				
2452	21.05	0.13	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	24.01	0.25	30.00	1.00	Complies				
2437	24.62	0.29	30.00	1.00	Complies				
2452	24.90	0.31	30.00	1.00	Complies				

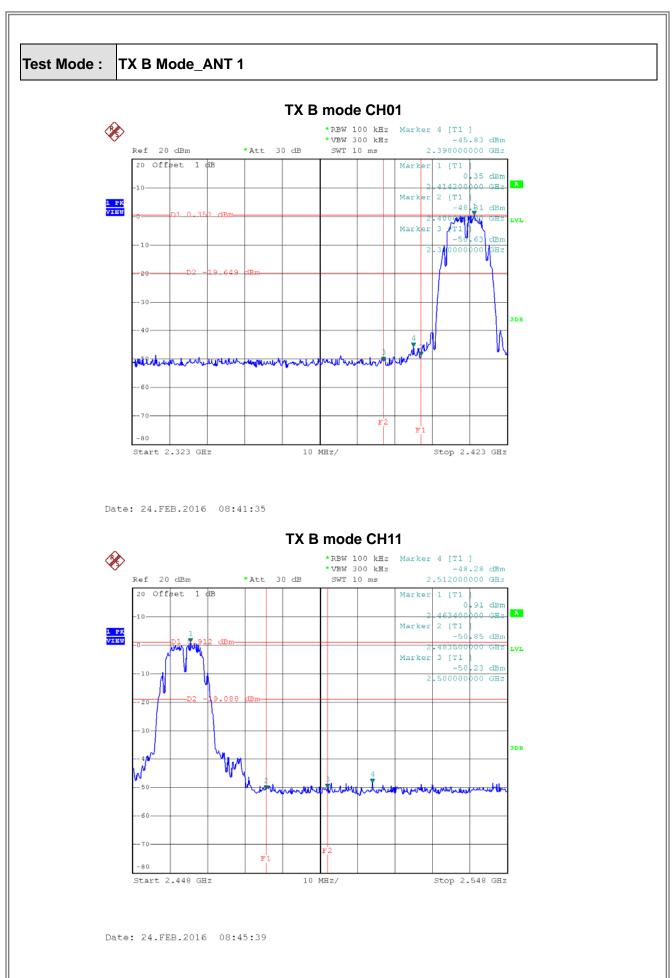
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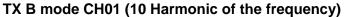
# **ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION**

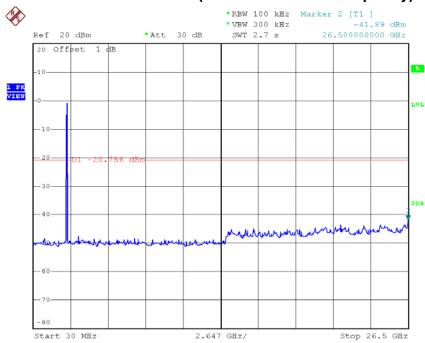
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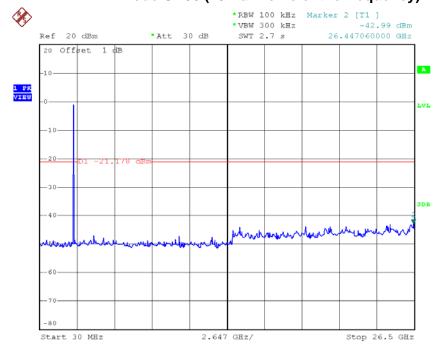






Date: 24.FEB.2016 08:41:27

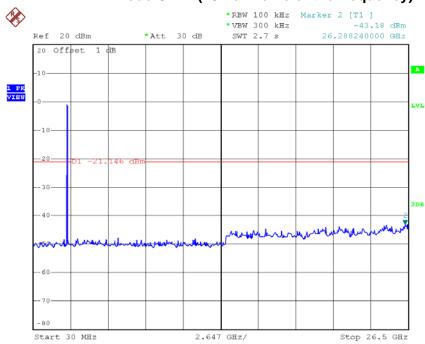
# TX B mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 08:43:48



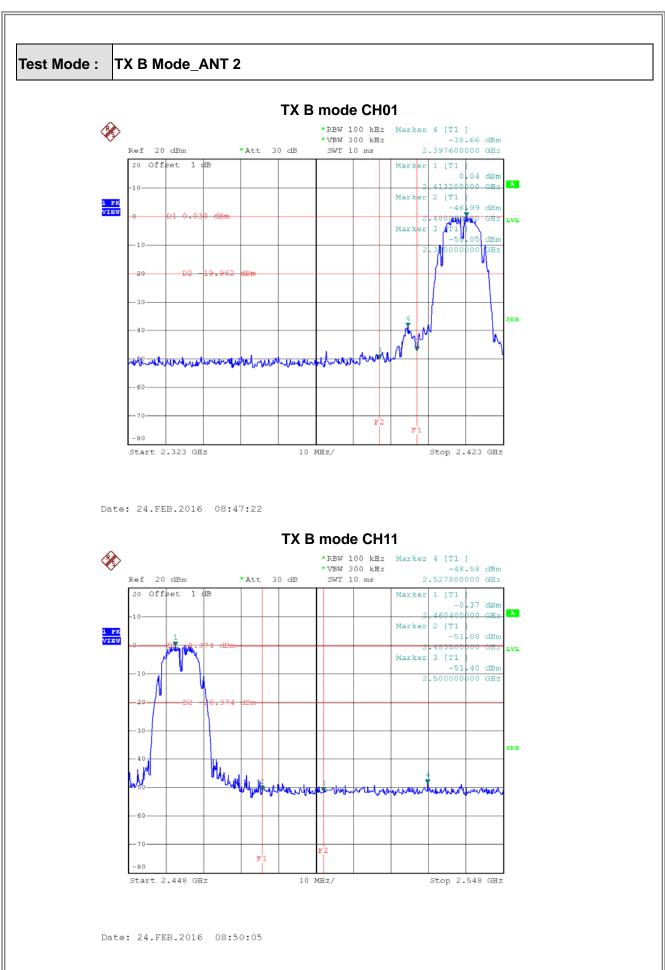




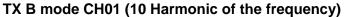
Date: 24.FEB.2016 08:45:32

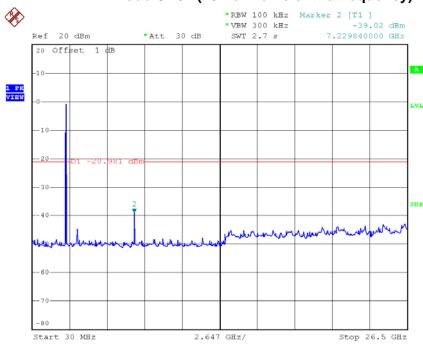
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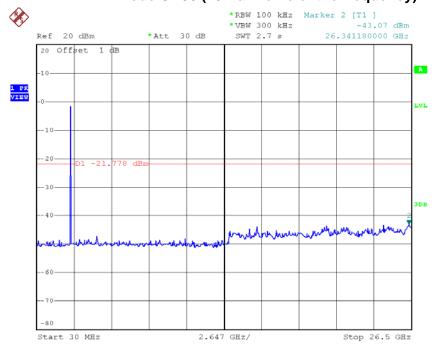






Date: 24.FEB.2016 08:47:14

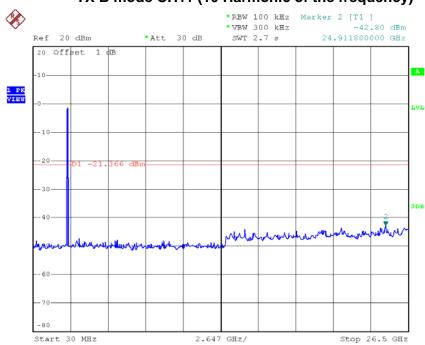
# TX B mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 08:48:41

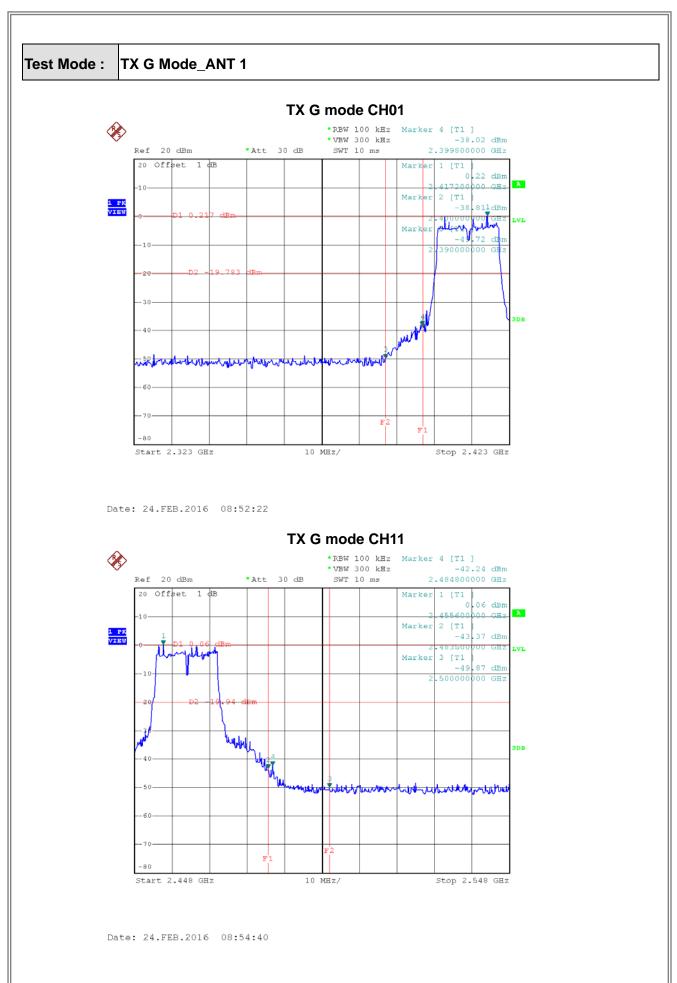






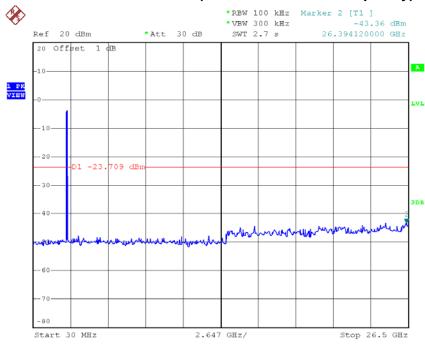
Date: 24.FEB.2016 08:49:57





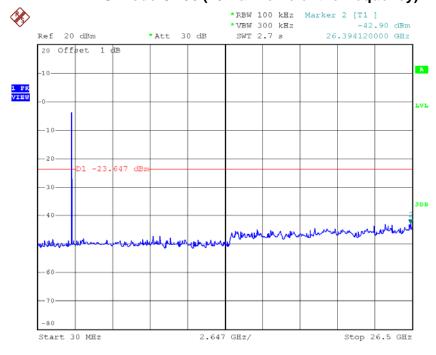






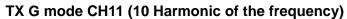
Date: 24.FEB.2016 08:52:14

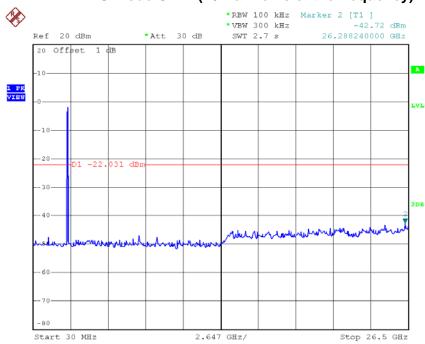
# TX G mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 08:53:25



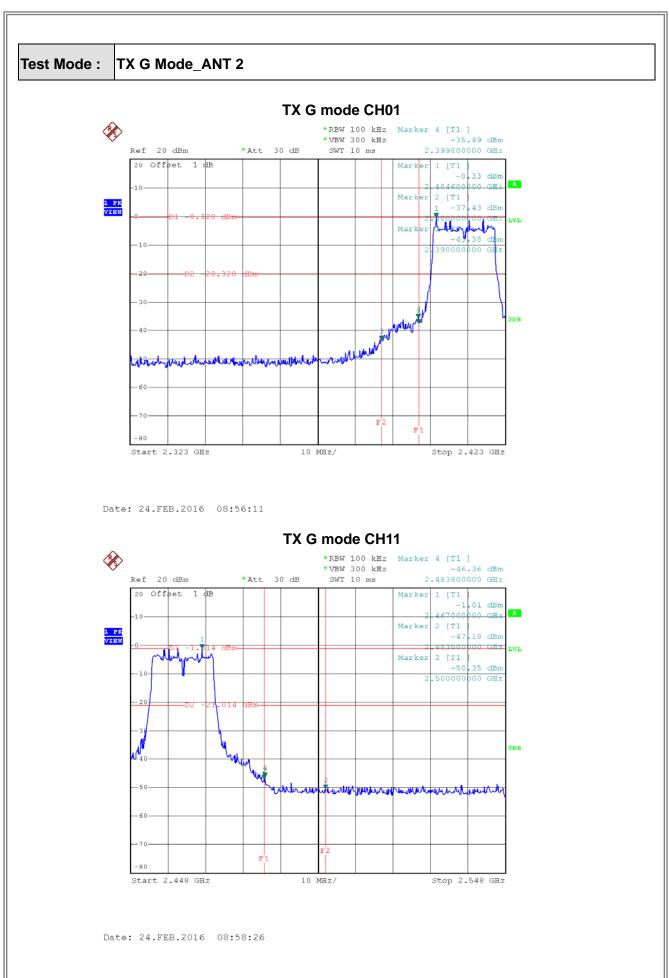




Date: 24.FEB.2016 08:54:33

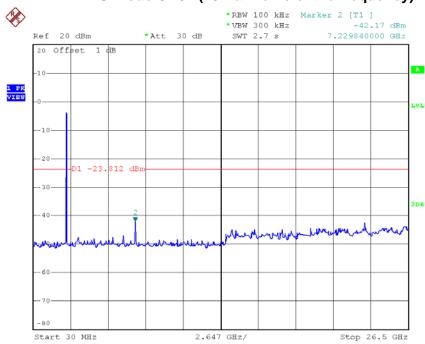
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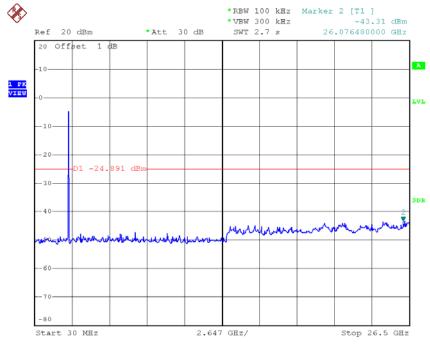






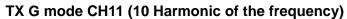
Date: 24.FEB.2016 08:56:03

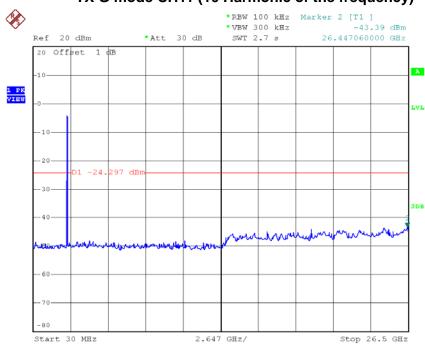
# TX G mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 08:57:16



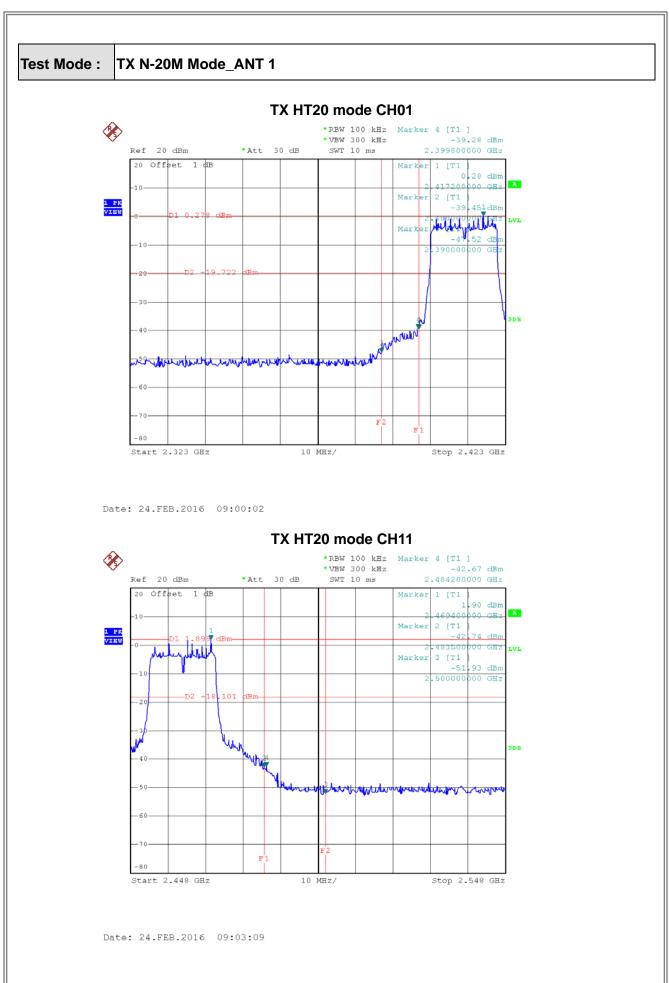




Date: 24.FEB.2016 08:58:19

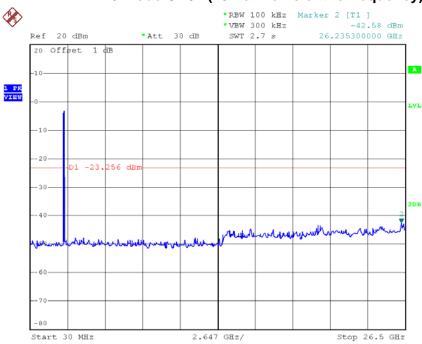
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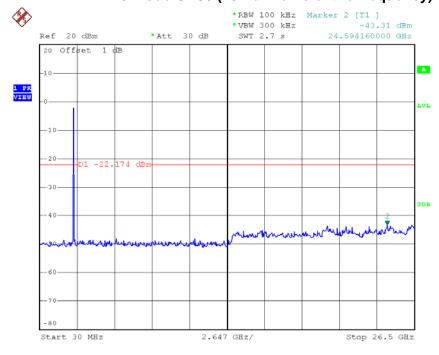






Date: 24.FEB.2016 08:59:54

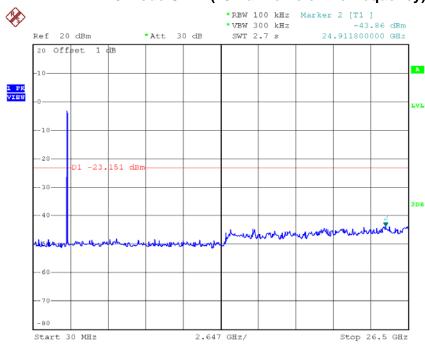
# TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 09:02:02



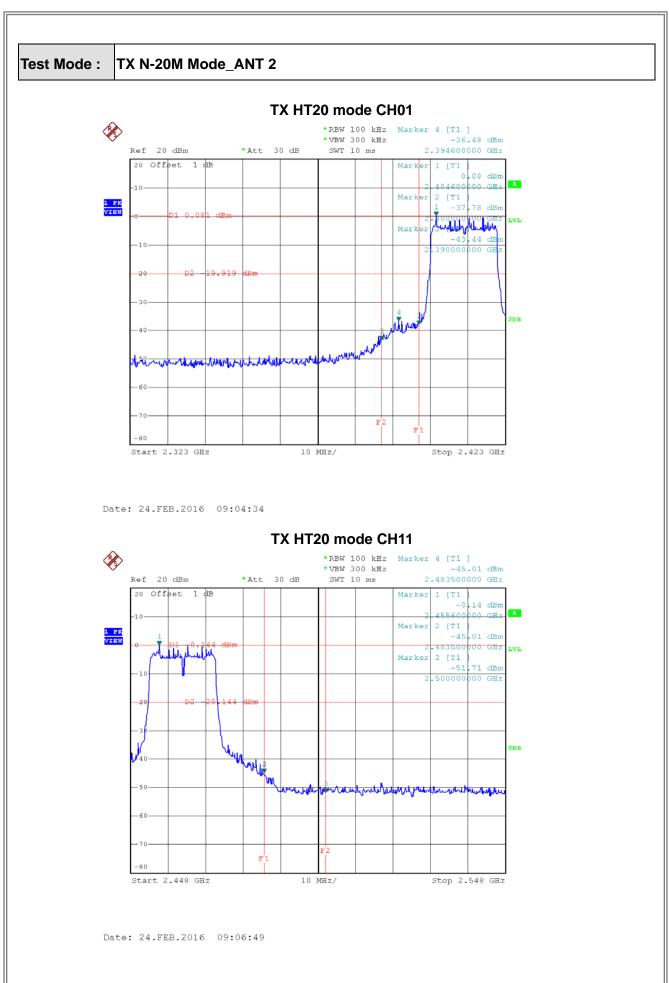




Date: 24.FEB.2016 09:03:02

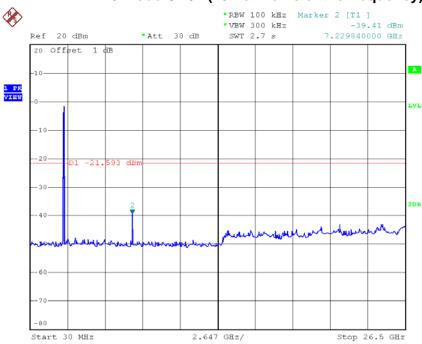
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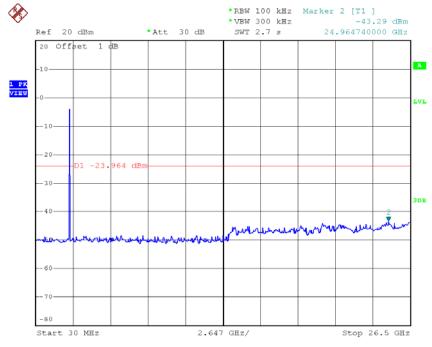






Date: 24.FEB.2016 09:04:27

# TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 09:05:41



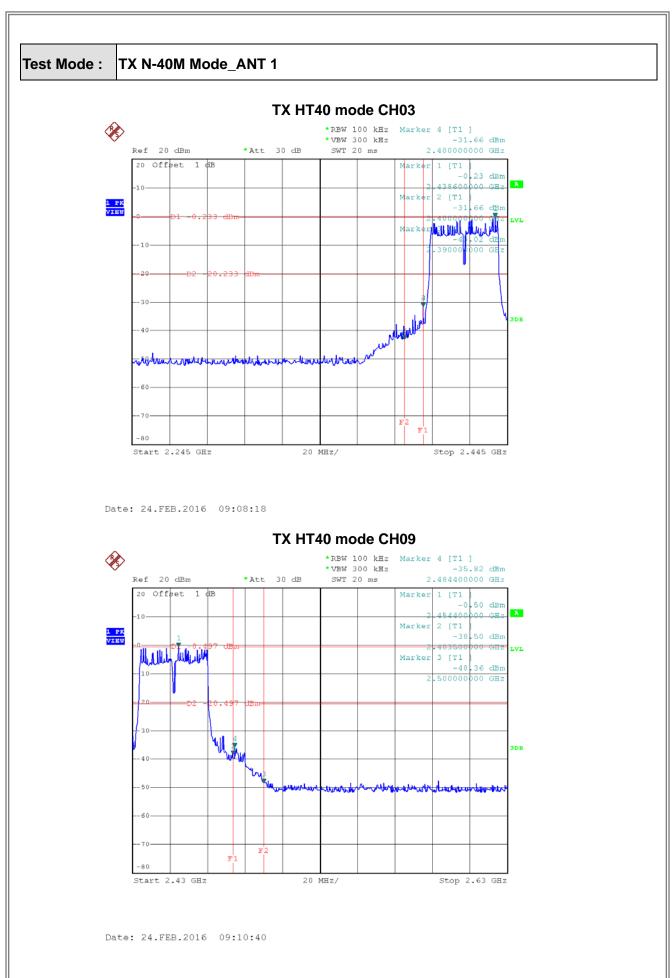




Date: 24.FEB.2016 09:06:41

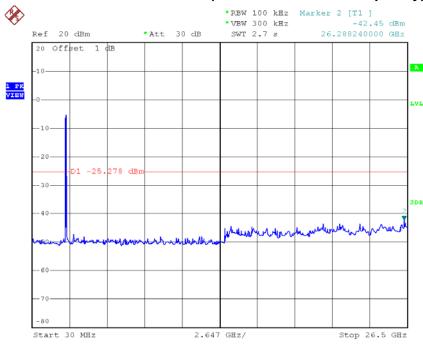
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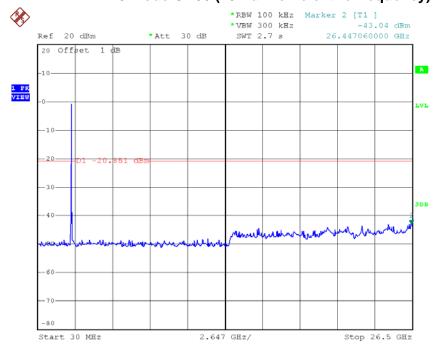






Date: 24.FEB.2016 09:08:10

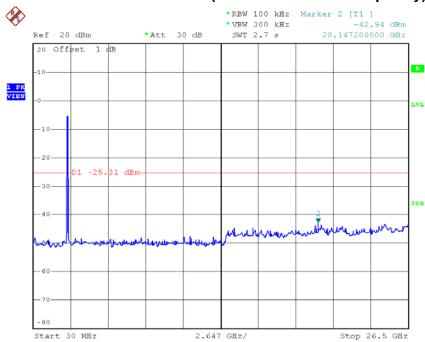
# TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 09:09:29



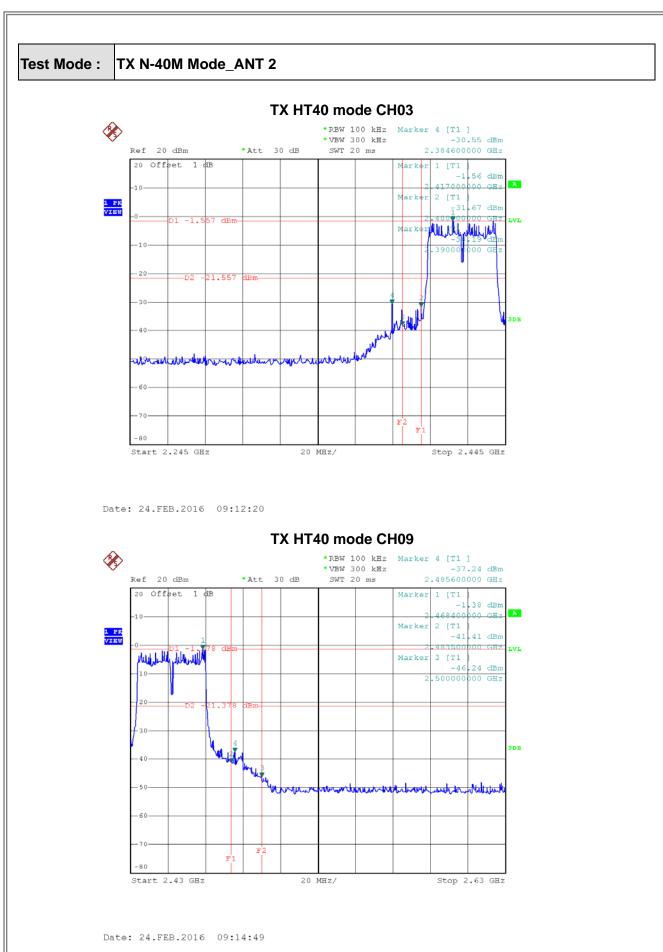




Date: 24.FEB.2016 09:10:33

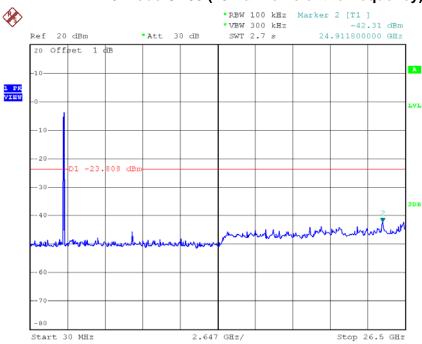
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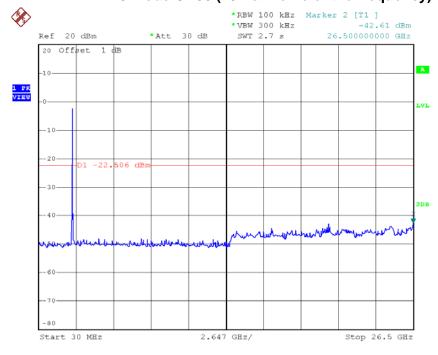






Date: 24.FEB.2016 09:12:12

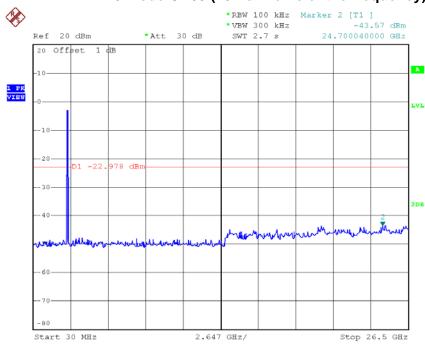
# TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 24.FEB.2016 09:13:39







Date: 24.FEB.2016 09:14:41

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ATTACHMENT H - POWER SPECTRAL DENSITY

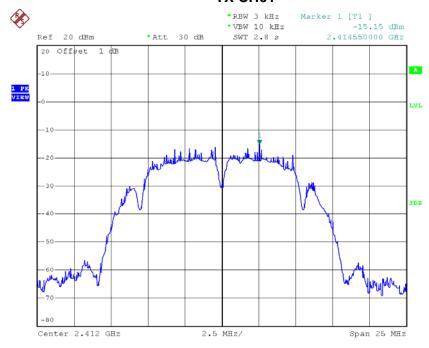
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# Test Mode :TX B Mode\_CH01/06/11\_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-15.15	0.03	8.00	Complies
2437	-14.21	0.04	8.00	Complies
2462	-15.22	0.03	8.00	Complies

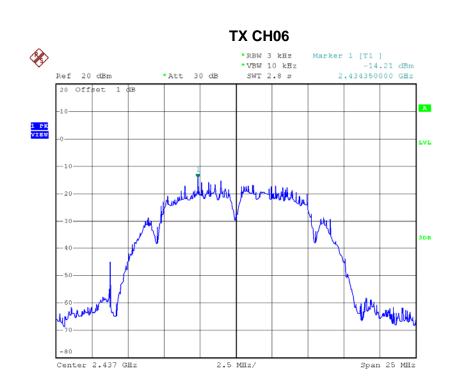
## TX CH01



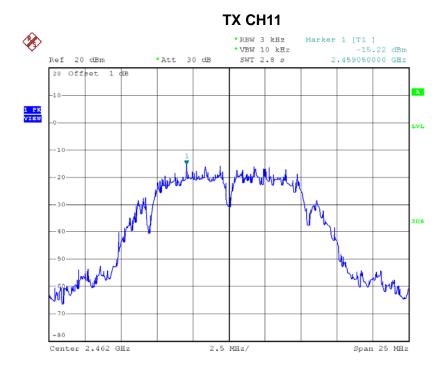
Date: 24.FEB.2016 08:41:44

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Date: 24.FEB.2016 08:43:57



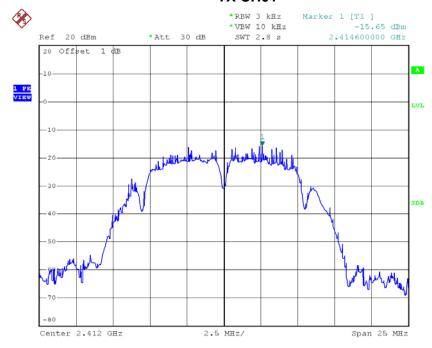
Date: 24.FEB.2016 08:45:48



## 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	-15.65	0.03	8.00	Complies
2437	-15.60	0.03	8.00	Complies
2462	-15.45	0.03	8.00	Complies

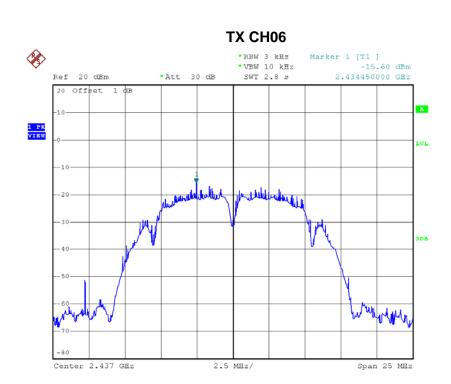
## TX CH01



Date: 24.FEB.2016 08:47:31

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Date: 24.FEB.2016 08:48:50

# 

Date: 24.FEB.2016 08:50:14



# 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	-12.22	0.06	8.00	Complies
2437	-11.55	0.07	8.00	Complies
2462	-12.22	0.06	8.00	Complies

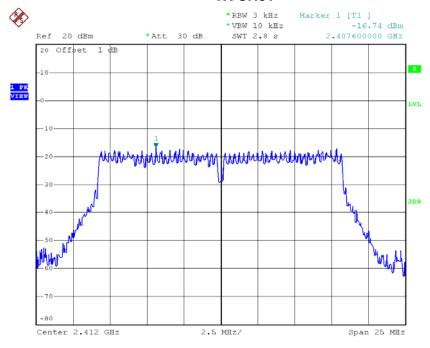
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Test Mode :TX G Mode\_CH01/06/11\_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.74	0.02	8.00	Complies
2437	-16.77	0.02	8.00	Complies
2462	-16.19	0.02	8.00	Complies

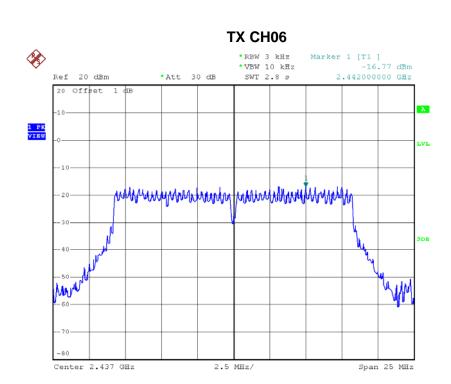
## TX CH01



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Date: 24.FEB.2016 08:53:34

# 

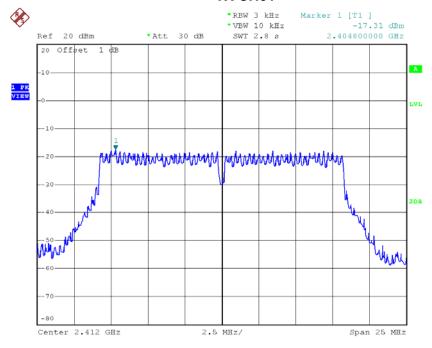
Date: 24.FEB.2016 08:54:49



## 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	-17.31	0.02	8.00	Complies
2437	-17.26	0.02	8.00	Complies
2462	-17.52	0.02	8.00	Complies

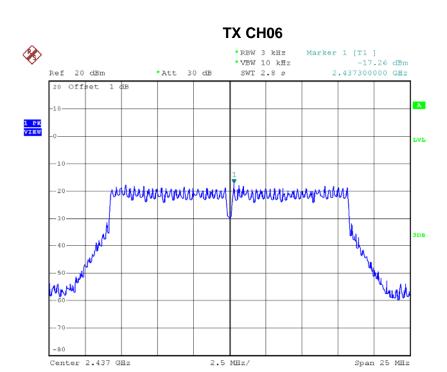
## **TX CH01**



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Date: 24.FEB.2016 08:57:25

# \*RBW 3 kHz Marker 1 [T1 ] \*VBW 10 kHz -17.52 dBm Ref 20 dBm \*Att 30 dB SWT 2.8 s 2.461050000 GHz 20 Offset 1 dB -10 -20 -20 -40 -50 -60 -50 -60 -70 -60 Center 2.462 GHz 2.5 MHz/ Span 25 MHz

Date: 24.FEB.2016 08:58:36



# 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	-13.98	0.04	8.00	Complies
2437	-13.98	0.04	8.00	Complies
2462	-13.98	0.04	8.00	Complies

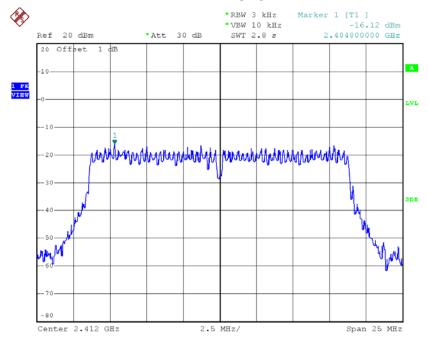
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Test Mode: TX N-20M Mode\_CH01/06/11\_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-16.12	0.02	8.00	Complies
2437	-16.45	0.02	8.00	Complies
2462	-16.70	0.02	8.00	Complies

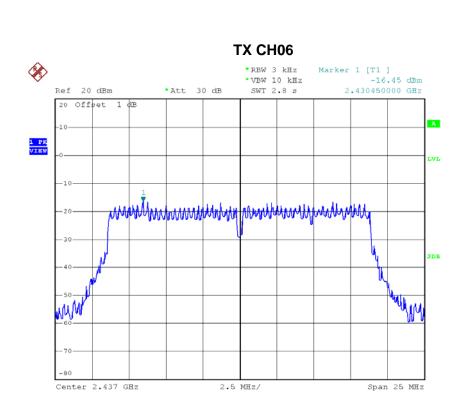
#### TX CH01



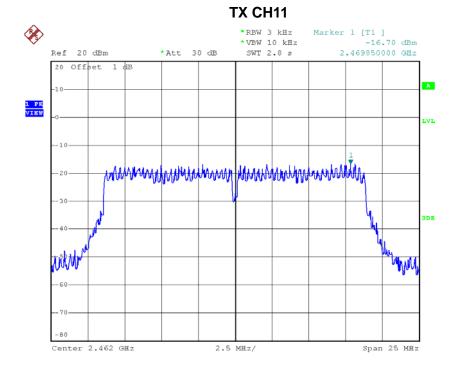
Date: 24.FEB.2016 09:00:11

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#### Date: 24.FEB.2016 09:02:11



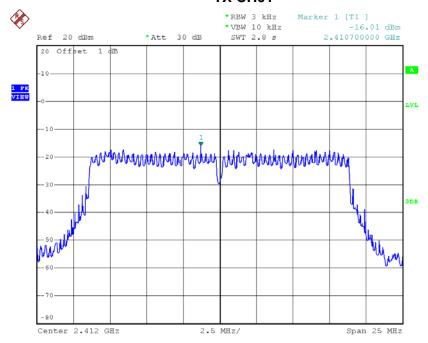
Date: 24.FEB.2016 09:03:18



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	-16.01	0.03	8.00	Complies
2437	-15.11	0.03	8.00	Complies
2462	-14.70	0.03	8.00	Complies

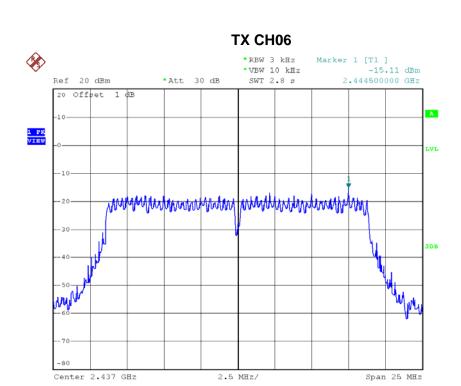
## **TX CH01**



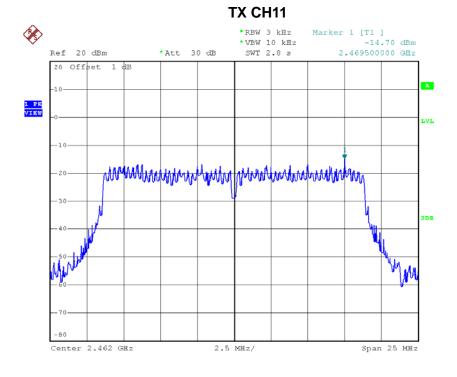
Date: 24.FEB.2016 09:04:44

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Date: 24.FEB.2016 09:06:58



# Test Mode: TX N-20M Mode\_CH01/06/11\_Total

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

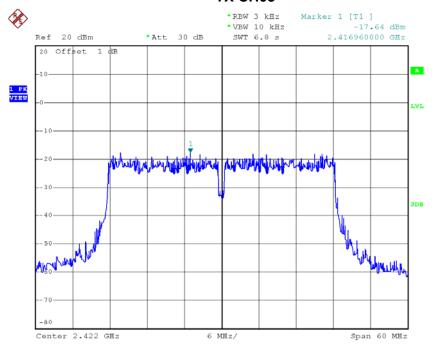
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Test Mode: TX N-40M Mode\_CH03/06/09\_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-17.64	0.02	8.00	Complies
2437	-17.94	0.02	8.00	Complies
2452	-17.68	0.02	8.00	Complies

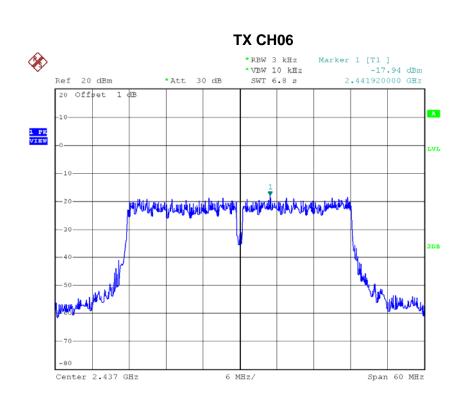
## TX CH03



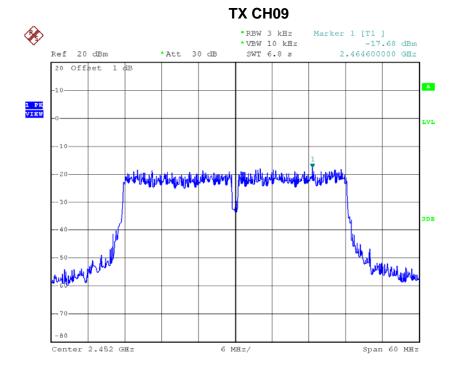
Date: 24.FEB.2016 09:08:30

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Date: 24.FEB.2016 09:09:42



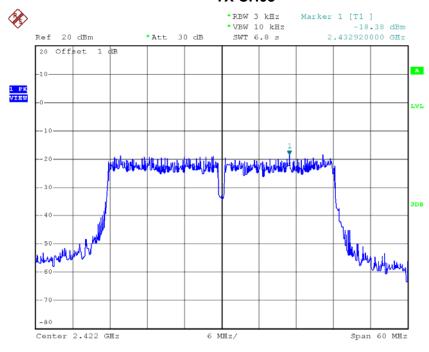
Date: 24.FEB.2016 09:10:52



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	-18.38	0.01	8.00	Complies
2437	-18.79	0.01	8.00	Complies
2452	-18.22	0.02	8.00	Complies

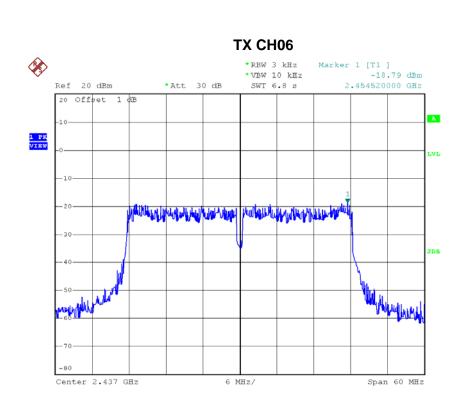
## TX CH03



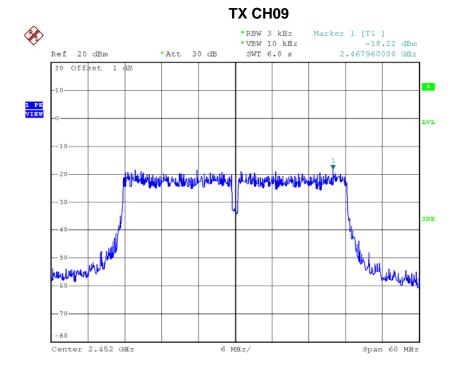
Date: 24.FEB.2016 09:12:32

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Date: 24.FEB.2016 09:13:51



Date: 24.FEB.2016 09:15:01



# 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	-15.23	0.03	8.00	Complies
2437	-15.23	0.03	8.00	Complies
2452	-13.98	0.04	8.00	Complies

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