

# Shenzhen Toby Technology Co., Ltd.



Report No.: TBR-C-202408-0094-12

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# **RF Test Report**

FCC ID: 2AKL3-GD2

Report No.		TBR-C-202408-0094-12		
Applicant		Shenzhen Junuo Electronics Co., Ltd.		
Equipment Under Te	est (El	JT)		
EUT Name		TV BOX		
Model No.	11/25	GD2		
Series Model No.	:	N/A		
Brand Name	31):	Dcolor		
Sample ID		HC-C-202408-0094-01-01&HC-C-202408-0094-02-01		
Receipt Date	1	2024-08-16		
Test Date		2024-08-16 to 2024-09-13		
Issue Date	60	2024-09-13		
Standards		FCC Part 15 Subpart C 15.247		
Test Method	03	ANSI C63.10: 2013 KDB 558074 D01 15.247 Meas Guidance v05r02 KDB 662911 D01 Multiple Transmitter Output v02r01		
Conclusions	: PASS			
THE PARTY NAMED IN		In the configuration tested, the EUT complied with the standards specified above.		
Test By		: Mike Yan  Mike		
Reviewed By		: Henry huang		
Approved By	1	: Wan Su		

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

TB-RF-074-1.0

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# **Revision History**

Report No.	Version	Description	Issued Date
TBR-C-202408-0094-12	Rev.01	Initial issue of report	2024-09-13
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# 1. General Information about EUT

### 1.1 Client Information

Applicant	Shenzhen Junuo Electronics Co., Ltd.	
Address	ctory Building 401, No. 36, Hezhou Road, Hezhou Community, ngcheng Street, Baoan District, Shenzhen City China.	
Manufacturer	Shenzhen Junuo Electronics Co., Ltd.	
Address	Factory Building 401, No. 36, Hezhou Road, Hezhou Community, Hangcheng Street, Baoan District, Shenzhen City China.	

# 1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	TV BOX	TV BOX		
Models No.	<b>):</b>	GD2			
Model Different		N/A			
TO THE REAL PROPERTY.		Operation Frequency:	2412MHz~2462MHz		
		Number of Channel:	11 channels		
Product Description		Antenna Gain:	2.04dBi Sheet Steel Antenna 1 2.71dBi Sheet Stee Antenna 2		
5 5033	The state of the s	Modulation Type:	802.11b: DSSS (DQPSK, DBPSK, CCK) 802.11g: OFDM (BPSK, QPSK,16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK,16QAM, 64QAM)		
		Adapter:(SA12BV-120	100U)		
Power Rating	:	Input: 100-240V~, 50/6	60Hz 0.4A		
TUD		Output: 12.0V-1.0A			
Software Version	?	N/A	N/A		
Hardware Version	R	N/A			
B 1					

#### Remark

(3) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



<sup>(1)</sup> The antenna gain and adapter provided by the applicant, the verified for the RF conduction test provided by TOBY

<sup>(2)</sup> The above antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.



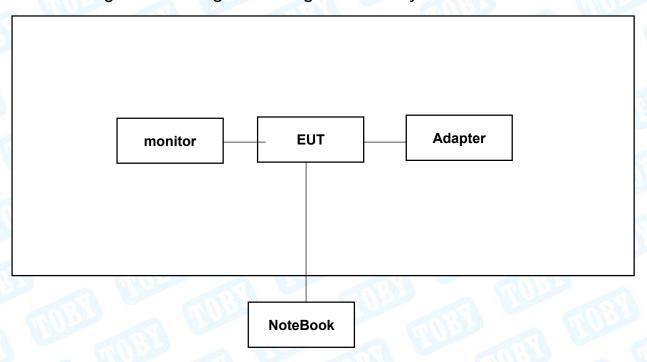
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# (4) Channel List:

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

Note: CH 01~CH 11 for 20MHz Bandwidth CH 03~CH 09 for 40MHz Bandwidth

# 1.3 Block Diagram Showing the Configuration of System Tested



# 1.4 Description of Support Units

Equipment Information					
Name	Model	S/N	Manufacturer	Used "√"	
Notebook	HYLR-WFQ9	AAMFPM1418000165	honour	<b>√</b>	
Flat Panel Monitor	S2719HS	CN-05YH42-WSL00 -9CC-400L-A05	DELL	√ V	





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### 1.5 Description of Test Mode

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 follow was evaluated respectively.

For 0	Conducted Emission Test(AC POWER)			
Final Test Mode Description				
Mode 1	TX b Mode Channel 01			
Fo	r Radiated and RF Conducted Test			
Final Test Mode	Description			
Mode 2	TX Mode b Mode Channel 01/06/11			
Mode 3	TX Mode g Mode Channel 01/06/11			
Mode 4	TX Mode n(HT20) Mode Channel 01/06/11			
Mode 5	TX Mode n(HT40) Mode Channel 03/06/09			

#### Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels, and the worst case data rate as follows:

802.11b Mode: CCK 802.11g Mode: OFDM

802.11n (HT20) Mode: MCS 8 802.11n (HT40) Mode: MCS 8

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a Mobile unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.





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# 1.6 Description of Test 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 RF setting.

	Test Softwa	re: adb comm	and		
A DOMESTICATION OF THE PARTY OF	Test M	lode: Continu	ously transmitt	ing	
Mode	Data Rate	Observal	Parameters		
Wode	Dala Rale	Channel	Ant.1	Ant.2	
The state of the s	CCK/ 1Mbps	01	94	108	
802.11b	CCK/ 1Mbps	06	94	108	
133	CCK/ 1Mbps	11	94	108	
	OFDM/ 6Mbps	01	72	85	
802.11g	OFDM/ 6Mbps	06	75	87	
	OFDM/ 6Mbps	11	78	86	
	MCS 8	01	65	75	
802.11n(HT20)	MCS 8	06	69	80	
	MCS 8	11	69	80	
	MCS 8	03	65	75	
802.11n(HT40)	MCS 8	06	68	78	
	MCS 8	09	68	78	





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### 1.7 Measurement Uncertainty

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

of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U <sub>Lab</sub> )
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	±3.50 dB ±3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB

### 1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1/F.,Building 6, Rundongsheng Industrial Zone, Longzhu, Xixiang, Bao'an District, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

#### CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

#### A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.FCC Accredited Test Site Number: 854351. Designation Number: CN1223.

#### IC Registration No.: (11950A)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A. CAB identifier: CN0056.



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# 2. Test Summary

Standard Section	Test Item	Test Sample(s)	Judgment	Remark
FCC 15.207(a)	Conducted Emission	HC-C-202408-0094-02-01	PASS	N/A
FCC 15.209 & 15.247(d)	Radiated Unwanted Emissions	HC-C-202408-0094-02-01	PASS	N/A
FCC 15.203	Antenna Requirement	HC-C-202408-0094-01-01	PASS	N/A
FCC 15.247(a)(2)	6dB Bandwidth	HC-C-202408-0094-01-01	PASS	N/A
	99% Occupied bandwidth	HC-C-202408-0094-01-01	PASS	N/A
FCC 15.247(b)(3)	RF Output Power and E.I.R.P	HC-C-202408-0094-01-01	PASS	N/A
FCC 15.247(e)	Power Spectral Density	HC-C-202408-0094-01-01	PASS	N/A
FCC 15.247(d)	Band Edge Measurements	HC-C-202408-0094-01-01	PASS	N/A
FCC 15.207(a)	Conducted Unwanted Emissions	HC-C-202408-0094-02-01	PASS	N/A
FCC 15.247(d)	Emissions in Restricted Bands	HC-C-202408-0094-02-01	PASS	N/A
BB 1 6	On Time and Duty Cycle	HC-C-202408-0094-01-01	W. B. J.	N/A

**lote:** N/A is an abbreviation for Not Applicable.

# 3. Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE
Radiation Emission	EZ-EMC	EZ	FA-03A2RE+
RF Conducted Measurement	MTS-8310	MWRFtest	V2.0.0.0
RF Test System	JS1120	Tonscend	V3.2.22





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			Test Site				
No.	Test	Site	Manufacturer	Sp	ecification	U	sed
TB-EMCSR001	Shield	ding Chamber #1	YIHENG	7.5	*4.0*3.0 ( m )		1
TB-EMCSR002	Shield	ding Chamber #2	YIHENG	8.0	*4.0*3.0 ( m )	1)	$\checkmark$
TB-EMCCA001	3m Ar	nechoic Chamber #A	ETS	9.0	*6.0*6.0 ( m )	- TI'I	X
TB-EMCCB002	3m Ar	nechoic Chamber #B	YIHENG	9.0	*6.0*6.0 ( m )	A HALL	<b>√</b>
Conducted Em	ission	Test		-		-	_
Equipment		Manufacturer	Model No.		Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver		Rohde & Schwarz	ESCI		100321	Jun. 17, 2024	Jun. 16, 2025
RF Switching Unit	100	Compliance Direction Systems Inc	RSU-A4	A. C.	34403	Jun. 17, 2024	Jun. 16, 2025
AMN	- 6	SCHWARZBECK	NNBL 8226-2	27.3	8226-2/164	Jun. 17, 2024	Jun. 16, 2025
LISN		Rohde & Schwarz	ENV216	150	101131	Jun. 17, 2024	Jun. 16, 2025
Radiation Emis	ssion T	est(B Site)					
Equipment		Manufacturer	Model No.		Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyze	r	Agilent	N9020A		MY49100060	Aug. 30, 2023	Aug. 29, 2024
Spectrum Analyzer		Rohde & Schwarz	FSV40-N		102197	Jun. 17, 2024	Jun. 16, 2025
EMI Test Receiver		Rohde & Schwarz	ESU-8	1	100472/008	Feb. 23, 2024	Feb.22, 2025
Bilog Antenna	MIL	SCHWARZBECK	VULB 9168		1225	Nov. 13, 2023	Nov. 12, 2025
Horn Antenna	Car	SCHWARZBECK	BBHA 9120 D		2463	Jun. 14, 2024	Jun. 13, 2026
Horn Antenna	1	SCHWARZBECK	BBHA 9170	CT I	1118	Feb. 27, 2024	Feb.26, 2026
Loop Antenna	1.00	SCHWARZBECK	FMZB 1519 B	1	1519B-059	Jun. 14, 2024	Jun. 13, 2026
HF Amplifier		Tonscend	TAP9E6343		AP21C806117	Aug. 30, 2023	Aug. 29, 2024

Equipment	Monufacturar	Model No	Carial Na	Loot Col	Cal Dua Data
Antenna Conduct	ted Emission				
Highpass Filter	XINBO	XBLBQ-HTA67(8-25G)	22052702-1	N/A	N/A
Highpass Filter	CD	HPM-2.8/18G		N/A	N/A
Highpass Filter	CD	HPM-6.4/18G	(1) b	N/A	N/A
HF Amplifier	Tonscend	TAP0184050	AP21C806129	Aug. 30, 2023	Aug. 29, 2024
HF Amplifier	Tonscend	TAP051845	AP21C806141	Aug. 30, 2023	Aug. 29, 2024
HF Amplifier	Tonscend	TAP9E6343	AP21C806117	Aug. 30, 2023	Aug. 29, 2024
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jun. 14, 2024	Jun. 13, 2026
Horn Antenna	SCHWARZBECK	BBHA 9170	1118	Feb. 27, 2024	Feb.26, 2026

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 17, 2024	Jun. 16, 2025
MXA Signal Analyzer	KEYSIGHT	N9020B	MY60110172	Aug. 30, 2023	Aug. 29, 2024
MXA Signal Analyzer	Agilent	N9020A	MY47380425	Aug. 30, 2023	Aug. 29, 2024
DED 10	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Aug. 30, 2023	Aug. 29, 2024
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Aug. 30, 2023	Aug. 29, 2024
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Aug. 30, 2023	Aug. 29, 2024
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Aug. 30, 2023	Aug. 29, 2024
Temperature and Humidity Chamber	ZhengHang	ZH-QTH-1500	ZH2107264	Jun. 17, 2024	Jun. 16, 2025





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Conducted Emission		1	1		1
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jun. 17, 2024	Jun. 16, 2025
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jun. 17, 2024	Jun. 16, 2025
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jun. 17, 2024	Jun. 16, 2025
LISN	Rohde & Schwarz	ENV216	101131	Jun. 17, 2024	Jun. 16, 2025
<b>Radiation Emission</b>	Test(B Site)				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 29, 2024	Aug. 28, 2025
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 17, 2024	Jun. 16, 2025
EMI Test Receiver	Rohde & Schwarz	ESU-8	100472/008	Feb. 23, 2024	Feb.22, 2025
Bilog Antenna	SCHWARZBECK	VULB 9168	1225	Nov. 13, 2023	Nov. 12, 2025
Horn Antenna	SCHWARZBECK	BBHA 9120 D	2463	Jun. 14, 2024	Jun. 13, 2026
Horn Antenna	SCHWARZBECK	BBHA 9170	1118	Feb. 27, 2024	Feb.26, 2026
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jun. 14, 2024	Jun. 13, 2026
HF Amplifier	Tonscend	TAP9E6343	AP21C806117	Aug. 29, 2024	Aug. 28, 2025
HF Amplifier	Tonscend	TAP051845	AP21C806141	Aug. 29, 2024	Aug. 28, 2025
HF Amplifier	Tonscend	TAP0184050	AP21C806129	Aug. 29, 2024	Aug. 28, 2025
Highpass Filter	CD	HPM-6.4/18G		N/A	N/A
Highpass Filter	CD	HPM-2.8/18G		N/A	N/A
Highpass Filter	XINBO	XBLBQ-HTA67(8-25G)	22052702-1	N/A	N/A
<b>Antenna Conducted</b>	Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 17, 2024	Jun. 16, 2025
MXA Signal Analyzer	KEYSIGHT	N9020B	MY60110172	Aug. 29, 2024	Aug. 28, 2025
MXA Signal Analyzer	Agilent	N9020A	MY47380425	Aug. 29, 2024	Aug. 28, 2025
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Aug. 29, 2024	Aug. 28, 2025
DE D	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Aug. 29, 2024	Aug. 28, 2025
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Aug. 29, 2024	Aug. 28, 2025
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Aug. 29, 2024	Aug. 28, 2025
Temperature and Humidity Chamber	ZhengHang	ZH-QTH-1500	ZH2107264	Jun. 17, 2024	Jun. 16, 2025



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# 5. Conducted Emission Test

#### 5.1 Test Standard and Limit

5.1.1 Test Standard

FCC Part 15.207

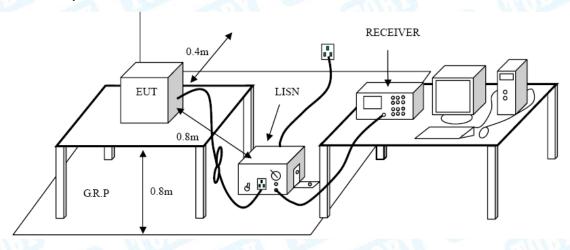
5.1.2 Test Limit

Francis	Maximum RF Line Voltage (dBμV)		
Frequency	Quasi-peak Level	Average Level	
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *	
500kHz~5MHz	56	46	
5MHz~30MHz	60	50	

#### Notes:

- (1) \*Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

### 5.2 Test Setup



#### 5.3 Test Procedure

- 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.
- 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.
- ●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.
- •LISN at least 80 cm from nearest part of EUT chassis.
- The bandwidth of EMI test receiver is set at 9 kHz, and the test frequency band is from 0.15MHz to 30MHz.

#### 5.4 Deviation From Test Standard

No deviation





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# 5.5 EUT Operating Mode

Please refer to the description of test mode.

# 5.6 Test Data

Please refer to the Attachment A inside test report.





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# 6. Radiated and Conducted Unwanted Emissions

#### 6.1 Test Standard and Limit

6.1.1 Test Standard

FCC Part 15.209 & FCC Part 15.247(d)

#### 6.1.2 Test Limit

	General field strength limits at frequencies Below 30MHz					
	Frequency (MHz)	Field Strength (µA/m)*	Field Strength (microvolt/meter)**	Measurement Distance (meters)		
Ī	0.009~0.490	6.37/F (F in kHz)	2400/F(KHz)	300		
I	0.490~1.705	63.7/F (F in kHz)	24000/F(KHz)	30		
	1.705~30.0	0.08	30	30		

**Note:** 1, The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

2, \*is for RSS Standard, \*\*is for FCC Standard.

General field strength limits at frequencies above 30 MHz				
Frequency (MHz)	Field strength (μV/m at 3 m)	Measurement Distance (meters)		
30~88	100	3		
88~216	150	3		
216~960	200	3		
Above 960	500	3		

General field strength limits at frequencies Above 1000MHz					
Frequency Distance of 3m (dBuV/m)					
(MHz)	Peak	Average			
Above 1000	74	54			
Mata					

#### Note

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

(2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

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. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB.

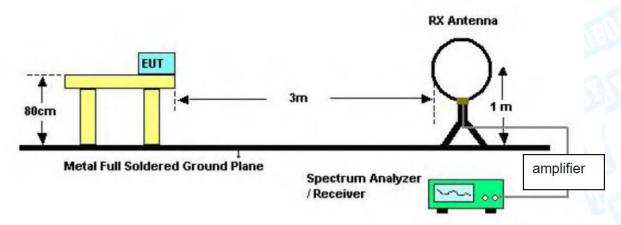


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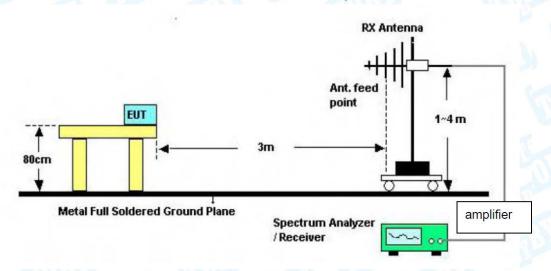


# 6.2 Test Setup

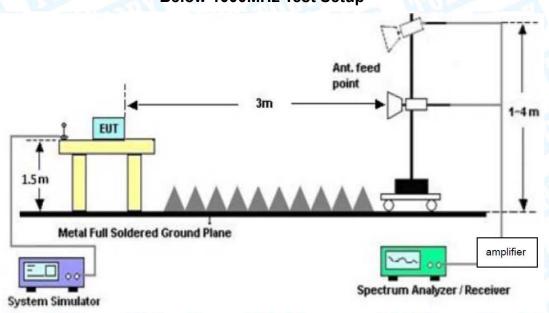
#### Radiated measurement



### **Below 30MHz Test Setup**



### **Below 1000MHz Test Setup**



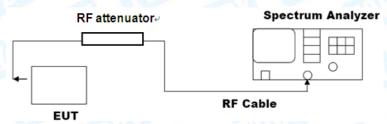
**Above 1GHz Test Setup** 





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#### **Conducted measurement**



#### 6.3 Test Procedure

#### ---Radiated measurement

- The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Below 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- Testing frequency range 30MHz-1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection. Testing frequency range 9KHz-150Hz the measuring instrument use VBW=200Hz with Quasi-peak detection. Testing frequency range 9KHz-30MHz the measuring instrument use VBW=9kHz with Quasi-peak detection.
- Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- For the actual test configuration, please see the test setup photo.





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#### --- Conducted measurement

#### Reference level measurement

Establish a reference level by using the following procedure:

- a) Set instrument center frequency to DTS channel center frequency.
- b) Set the span to≥1.5 times the DTS bandwidth.
- c) Set the RBW = 100 kHz.
- d) Set the VBW≥[3\*RBW].
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum PSD level.

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

#### Emission level measurement

Establish an emission level by using the following procedure:

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW≥[3\*RBW].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

#### 6.4 Deviation From Test Standard

No deviation

### 6.5 EUT Operating Mode

Please refer to the description of test mode.

#### 6.6 Test Data

Radiated measurement please refer to the Attachment B inside test report. Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





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# 7. Restricted Bands and Band Edge Requirement

#### 7.1 Test Standard and Limit

#### 7.1.1 Test Standard

#### FCC Part 15.205 & FCC Part 15.247(d)

#### 7.1.2 Test Limit

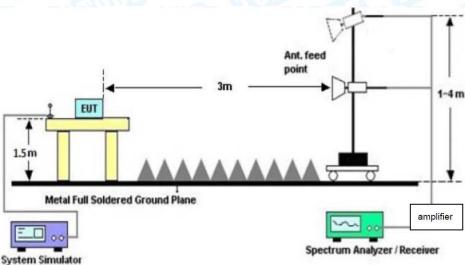
Restricted Frequency	Distance Meters(at 3m)				
Band (MHz)	Peak (dBuV/m)	Average (dBuV/m)			
2310 ~2390	74	54			
2483.5 ~2500	74	54			
	Peak (dBm)see 7.3 e)	Average (dBm) see 7.3 e)			
2310 ~2390	-21.20	-41.20			
2483.5 ~2500	-21.20	-41.20			

Note: According the ANSI C63.10 11.12.2 antenna-port conducted measurements may also be used as an alternative to radiated measurements for determining compliance in the restricted frequency bands requirements. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test forcabinet/case emissions is required.

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. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

# 7.2 Test Setup

#### Radiated measurement

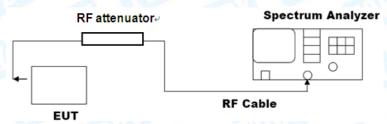






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#### **Conducted measurement**



#### 7.3 Test Procedure

#### ---Radiated measurement

- Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- The Peak Value and average value both need to comply with applicable limit above 1 GHz.
- Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- For the actual test configuration, please see the test setup photo.

#### --- Conducted measurement

- a) Measure the conducted output power (in dBm) using the detector specified by the appropriate regulatory agency (see 11.12.2.3 through 11.12.2.5 for guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP (see 11.12.2.6 for guidance on determining the applicable antenna gain).
- c) Add the appropriate maximum ground reflection factor to the EIRP (6 dB for frequencies
- ≤30 MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for frequencies > 1000 MHz).





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d) For MIMO devices, measure the power of each chain and sum the EIRP of all chains in linear terms (i.e., watts and mW).

e) Convert the resultant EIRP to an equivalent electric field strength using the following relationship:

 $E = EIRP-20 \log d + 104.8$ 

where

E is the electric field strength in dBuV/m

EIRP is the equivalent isotropically radiated power in dBm

d is the specified measurement distance in m

- f) Compare the resultant electric field strength level with the applicable regulatory limit.
- g) Perform the radiated spurious emission test.

#### 7.4 Deviation From Test Standard

No deviation

### 7.5 EUT Operating Mode

Please refer to the description of test mode.

#### 7.6 Test Data

Radiated measurement please refer to the Attachment C inside test report. Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





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# 8. Bandwidth Test

#### 8.1 Test Standard and Limit

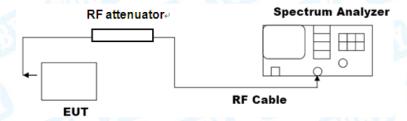
8.1.1 Test Standard

FCC Part 15.205 & FCC Part 15.247(d)

8.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
-6dB bandwidth (DTS bandwidth )	>=500 KHz	2400~2483.5
99% occupied bandwidth		2400~2483.5

### 8.2 Test Setup



#### 8.3 Test Procedure

#### --- DTS bandwidth

- The steps for the first option are as follows:
- a) Set RBW = 100 kHz.
- b) Set the VBW≥[3\*RBW].
- c) Detector = peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

#### ---occupied bandwidth

● The occupied bandwidth is the frequency bandwidth such that, below its lower and

above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified





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by the applicable requirement.

c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.

- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

#### 8.4 Deviation From Test Standard

No deviation

#### 8.5 EUT Operating Mode

Please refer to the description of test mode.

#### 8.6 Test Data

Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





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# 9. RF Output Power

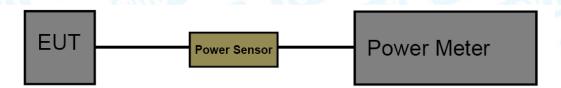
- 9.1 Test Standard and Limit
  - 9.1.1 Test Standard

FCC Part 15.247(b)(3)

9.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
Peak Output Power	not exceed 1 W or 30dBm	2400~2483.5
E.I.R.P	not exceed 4 W or 36dBm	2400~2463.5

### 9.2 Test Setup



#### 9.3 Test Procedure

● The EUT was connected to RF power meter via a broadband power sensor as show the block above. The power sensor video bandwidth is greater than or equal to the DTS bandwidth of the equipment.

#### 9.4 Deviation From Test Standard

No deviation

# 9.5 EUT Operating Mode

Please refer to the description of test mode.

#### 9.6 Test Data

Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





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# 10. Power Spectral Density

#### 10.1 Test Standard and Limit

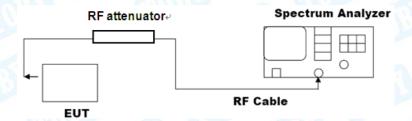
10.1.1 Test Standard

FCC Part 15.247(e)

10.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
Power Spectral Density	8dBm(in any 3 kHz)	2400~2483.5

### 10.2 Test Setup



#### 10.3 Test Procedure

● The following procedure shall be used if maximum peak conducted output power was

used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times the DTS bandwidth.
- c) Set the RBW to 3 kHz≤RBW≤100 kHz.
- d) Set the VBW ≥[3\*RBW].
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

#### 10.4 Deviation From Test Standard

No deviation

#### 10.5 Antenna Connected Construction

Please refer to the description of test mode.

#### 10.6 Test Data

Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





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# 11. Antenna Requirement

### 11.1 Test Standard and Limit

#### 11.1.1 Test Standard

FCC Part 15.203

### 11.1.2 Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### 11.2 Deviation From Test Standard

No deviation

#### 11.3 Antenna Connected Construction

The Max. gains of the antenna used for transmitting is 2.71dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

#### 11.4 Test Data

The EUT antenna is a Sheet Steel Antenna. It complies with the standard requirement.

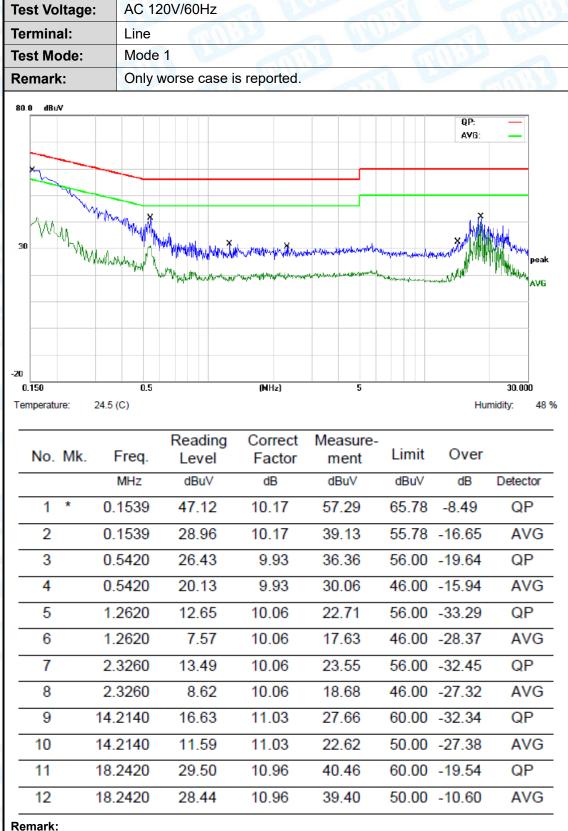
	Antenna Type	
1372	⊠Permanent attached antenna	O,
. (	Unique connector antenna	
	☐Professional installation antenna	





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# **Attachment A--Conducted Emission Test Data**



- 1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
- 2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)





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Test Voltage	e: AC 1	20V/60Hz	61	11:23		BHILL.	
Terminal:	Neuti	ral	au		NY		
Test Mode:	Mode	e 1			Addition	47	E. San
Remark:	Only	worse case	is reported	AU T		(1)03	
80.0 dBuV						QP:	_
30 MMM		hilling profit was shown to be	African Africa	the strong of the server was the server	in the state of th	AVG:	peak
0.150 Temperature:	0.5 24.5 (C)	Reading Level	(MHz)  Correct Factor	Measure- ment	Limit	Hum	<b>30.000</b> idity: 48 %
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1 *	0.1580	44.95	10.16	55.11	65.56	-10.45	QP
2	0.1580	26.28	10.16	36.44		-19.12	AVG
3	0.3780	27.62	9.93	37.55		-20.77	QP
4	0.3780	15.03	9.93	24.96		-23.36	AVG
5	0.5380	27.62	9.93	37.55		-18.45	QP
6	0.5380	23.83	9.93	33.76		-12.24	AVG
7	0.8620	18.75	9.93	28.68		-27.32	QP
8	0.8620	13.21	9.93	23.14		-22.86	AVG
9	9.7860	14.22	10.79	25.01		-34.99	QP
10	9.7860	8.77	10.79	19.56		-30.44	AVG
11	16.1660	28.63	11.09	39.72		-20.28	QP
12	16.1660	22.40	11.09	33.49	50.00	-16.51	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)





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# **Attachment B--Unwanted Emissions Data**

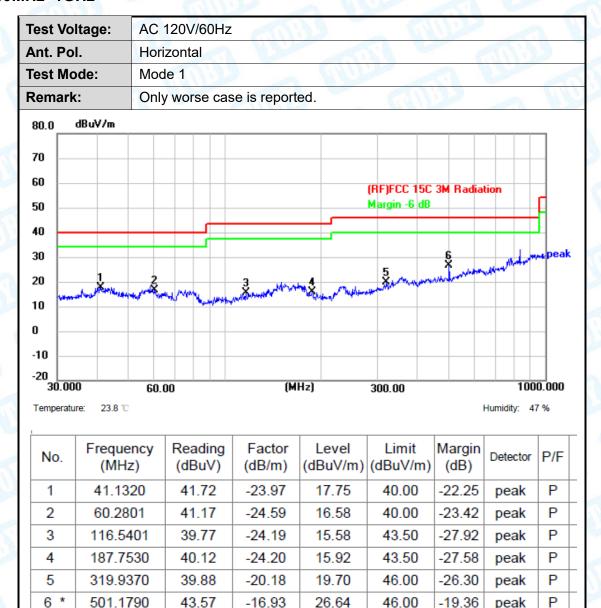
#### --- Radiated Unwanted Emissions

#### 9 KHz~30 MHz

From 9 KHz to 30 MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB Below the permissible value has no need to be reported.

#### 30MHz~1GHz



#### Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB $\mu$ V/m)-Limit QPK(dB $\mu$ V/m)





Report No.: TBR-C-202408-0094-12 Page: 30 of 90

Toot	Voltage:	AC 120V/60Hz	-	11	
Ant.	Pol.	Vertical			
Test	Mode:	Mode 1	11919	MAG	
Rem	ark:	Only worse ca	se is reported.		
80.0	dBuV/m				
70					
60					
50				(RF)FCC 15C 3N Margin -6 dB	Radiation
40	1				Ş '
30	, <b>X</b>	3	* *		duran peak
20	Market 1		A STATE OF THE PARTY OF THE PAR	Mary and the second second second	In the state of th
10		G., Asia	Application of the state of the	- Nepy-	
0					
-10					
-20					
30	0.000	60.00	(MHz)	300.00	1000.000
Temp	erature: 23.8 °C				Humidity: 47 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	40.7016	54.56	-23.81	30.75	40.00	-9.25	peak	Р
2	56.7917	51.77	-24.28	27.49	40.00	-12.51	peak	Р
3	81.2117	49.96	-27.35	22.61	40.00	-17.39	peak	Р
4	166.6514	49.21	-22.12	27.09	43.50	-16.41	peak	Р
5	501.1790	44.98	-16.93	28.05	46.00	-17.95	peak	Р
6	774.1584	47.56	-11.50	36.06	46.00	-9.94	peak	Р

### Remark:

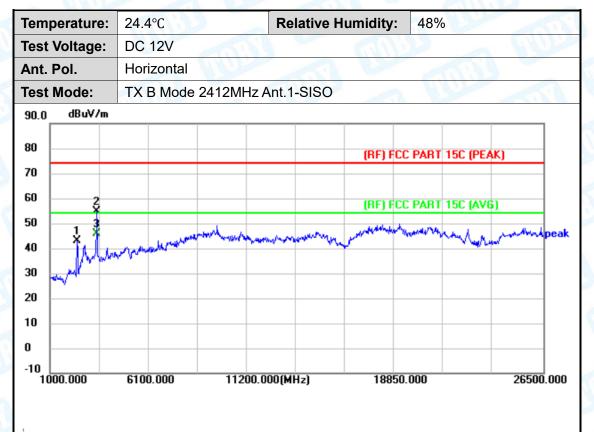
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB $\mu$ V/m)-Limit QPK(dB $\mu$ V/m)





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#### **Above 1GHz**



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2402.500	63.62	-20.54	43.08	74.00	-30.92	peak	Р
2	3422.500	72.04	-17.16	54.88	74.00	-19.12	peak	Р
3 *	3422.500	63.05	-17.16	45.89	54.00	-8.11	AVG	Р

#### Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





26500.000

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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz A	nt.1-SISO	
90.0 dBuV/m			
80		(RF) FCC PART	15C (PEAK)
70			
60		(RF) FCC PART	15C (AVG)
50 2		water and the property of the same of the	halan peak
40	de se a constitue de la consti	Market Market State of State o	wed with the ar
30			
20			
10			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	3422.500	70.42	-17.16	53.26	74.00	-20.74	peak	Р
2	3958.000	60.40	-15.64	44.76	74.00	-29.24	peak	Р

18850.000

11200.000(MHz)

#### Remark:

-10 1000.000

6100.000

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
  4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidi	ity: 48%
Test Voltage:	DC 12V		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2437	MHz Ant.1-SISO	
90.0 dBuV/m			
80		(RF) FCC	PART 15C (PEAK)
70			
60 ×		(RF) FCC	PART 15C (AVG)
50 2 3	was the production beautiful was the		
40	a you and the property with the said	and the state of t	peak
30			
20			
10			
0			
-10 1000.000 6	100.000 112	00.000(MHz) 18850.	000 26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	3397.000	78.39	-17.20	61.19	74.00	-12.81	peak	Р
2 *	3397.000	64.09	-17.20	46.89	54.00	-7.11	AVG	Р
3	4876.000	54.38	-11.10	43.28	74.00	-30.72	peak	Р

#### Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
   The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





26500.000

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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WILL ST
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2437MHz A	nt.1-SISO	
90.0 dBuV/m			
80		(RF) FCC PART	15C (PEAK)
70			
60	3	(RF) FCC PART	15C (AVG)
40	by and by place in the second and a second as	and the second s	Volan, Vo
30	***		
20			
10			
0			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3473.500	75.50	-17.19	58.31	74.00	-15.69	peak	Р
2 *	3473.500	60.05	-17.19	42.86	54.00	-11.14	AVG	Р
3	9746.500	52.98	-0.79	52.19	74.00	-21.81	peak	Р

18850.000

11200.000(MHz)

-10 L 1000.000

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

6100.000

- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C		<b>Relative Humi</b>	48%				
Test Voltage:	DC 12V			The state of the s				
Ant. Pol.	Horizont	al				G.P.		
Test Mode:	TX B Mo	de 2462MHz	Ant.1-SISO	_ G	11100			
90.0 dBuV/m								
80			(RF)	FCC PART	15C (PEAK)			
70 60 1			(RF)	FCC PART	15C (AVG)			
50 40	April 1 mary market	have manufactured	Company to the particular	ad his way and party of	hanny	peal		
30								
10								
0								
-10 1000.000	6100.000	11200.000	1(MH2) 18	350.000		26500.000		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3499.000	73.05	-17.32	55.73	74.00	-18.27	peak	Р
2 *	3499.000	62.94	-17.32	45.62	54.00	-8.38	AVG	Р
3	9848.500	49.96	-1.33	48.63	74.00	-25.37	peak	Р

#### Remark:

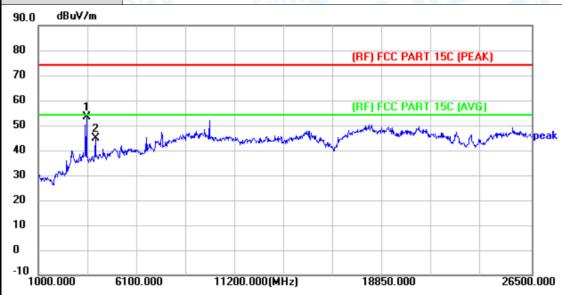
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
  4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WW.
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz A	nt.1-SISO	THUE
	•		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	3499.000	70.77	-17.32	53.45	74.00	-20.55	peak	Р
2	3958.000	60.56	-15.64	44.92	74.00	-29.08	peak	Р

#### Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





37 of 90 Page:

Tempera	ature:	24.4°	C		R	elative H	umidity	: 489	6		
Test Vol	tage:	DC 1	2V			C. Service		011		<b>a</b>	W
Ant. Pol	•	Horiz	ontal		10130		MINI			1 6	
Test Mo	de:	ТХВ	Mode	2412N	/IHz Ant.:	2-SISO		<u> </u>			
90.0 d	BuV/m										_
80							(BF) F	CC PART	15C (PE	AKI	
70							()		100 (10	,	
60	X						(RF) F	CC PART	15C (AV	<b>(</b> G)	
50	3 3			~	,	. when	A Parish Maria	of the same of the same of the same of	Nn.A.	Lundra	h peak
40	3 X X W W W W W	and the same	An production of	- Topiqu	. Mindrards	America - Art	<i></i>		* -VW/	<b>*</b> * * * * * * * * * * * * * * * * * *	-
30 📈											-
20											
10											
o L											
-10											
1000.0	100	6100.	000	11	200.000(M	IHz)	188	50.000		2650	0.000
No.	Frequ		Read	_	Factor	Leve (dBu)//			Margin	Detector	P/F

(dBuV/m) (dBuV/m)

74.00

54.00

74.00

60.87

45.27

43.12

(dB)

-13.13

-8.73

-30.88

Р

Р

peak

AVG

peak

### Remark:

1

2 \*

3

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

(MHz)

3397.000

3397.000

3958.000

- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)

(dBuV)

78.07

62.47

58.76

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

(dB/m)

-17.20

-17.20

-15.64

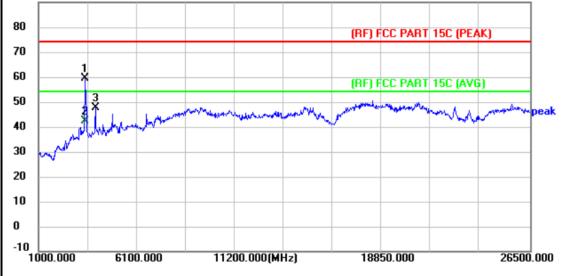
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity	<b>48</b> %			
Test Voltage:	DC 12V					
Ant. Pol.	Vertical					
Test Mode:	TX B Mode 2412	TX B Mode 2412MHz Ant.2-SISO				
90.0 dBuV/m						
80		(RF) FCC P	ART 15C (PEAK)			
70						
60 X						



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	3422.500	76.58	-17.16	59.42	74.00	-14.58	peak	Р
2 *	3422.500	59.55	-17.16	42.39	54.00	-11.61	AVG	Р
3	3958.000	63.26	-15.64	47.62	74.00	-26.38	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Tem	perature:	24.4°C		Relative	Humidity:	48%	116	
Test	Voltage:	DC 12V						117
Ant.	Pol.	Horizontal						
Test	Mode:	TX B Mode 2	437MHz An	t.2-SISO				
90.0	dBuV/m							_
80					(RF) FCC PAF	IT 15C (PE	EAK)	
70								
60	1				(RF) FCC PAF	IT 15C (AV	/ <b>G</b> )	-
50	2 3	. W. 4/4.		and a set	the state of the s	Mariaha da a	Julian Market	w peak
40	June Dungle	March September September 19 19	and the second of the second o	Name of the Name		T. M. Marine	(L)	-
30	and the state of t							_
20								-
10								
0								
-10	200 000	100.000	11200 00041		10050 000		205	20.000
11	000.000 6	100.000	11200.000(MI	1ZJ	18850.000		2650	00.000
,								
No	o. Frequen (MHz)		Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3499.00	0 78.03	-17.32	60.71	74.00	-13.29	peak	Р

# Remark:

2 \*

3

3499.000

4876.000

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)

61.60

55.40

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

-17.32

-11.10

44.28

44.30

54.00

74.00

-9.72

-29.70

- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.



Ρ

Р

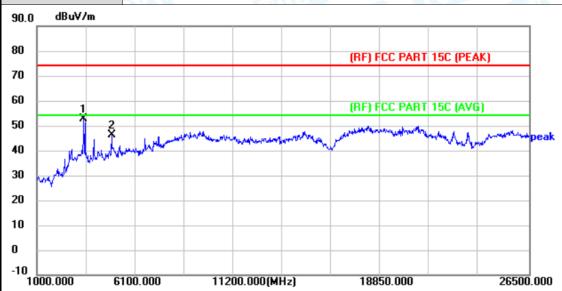
AVG

peak



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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WW.
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2437MHz A	nt.2-SISO	



No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3422.500	69.89	-17.16	52.73	74.00	-21.27	peak	Р
2	4876.000	57.35	-11.10	46.25	74.00	-27.75	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WU?
Ant. Pol.	Horizontal	N. W.	
Test Mode:	TX B Mode 2462MHz A	nt.2-SISO	TILL TO THE REAL PROPERTY.
90.0 dBuV/m			
80		(RF) FCC PAR	T 15C (PEAK)
60 1		(RF) FCC PAR	
40	and the Company of the Same of	Alexander of the second of the	haman haman peak
30			
10			
0			
-10 1000.000 6°	100.000 11200.000(M	(Hz) 18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3422.500	76.25	-17.16	59.09	74.00	-14.91	peak	Р
2 *	3422.500	63.41	-17.16	46.25	54.00	-7.75	AVG	Р
3	4927.000	57.04	-11.09	45.95	74.00	-28.05	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
  4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V	100	
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz	Ant.2-SISO	
90.0 dBuV/m			
70		(RF) FCC PAI	RT 15C (PEAK)
60 j 2			RT 15C (AVG)
40	hand by the same had been a free from the	and the same of th	W. Market Deal
20			
10			
-10 1000.000 6	100.000 11200.000	(MHz) 18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3422.500	66.43	-17.16	49.27	74.00	-24.73	peak	Р
2	4927.000	57.36	-11.09	46.27	74.00	-27.73	peak	Р

# Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

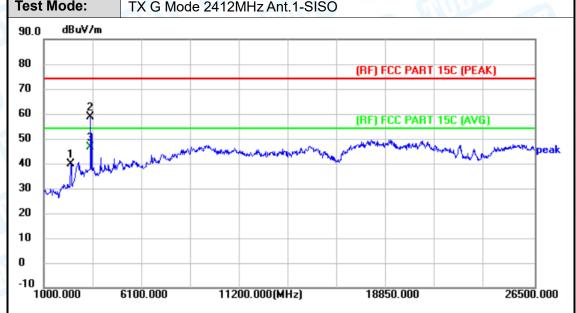
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
   The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V	The state of the s	will?
Ant. Pol.	Horizontal		
Toot Mode.	TV O Marta 0440MH A	-1.4.0100	



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2402.500	60.46	-20.54	39.92	74.00	-34.08	peak	Р
2	3422.500	75.96	-17.16	58.80	74.00	-15.20	peak	Р
3 *	3422.500	63.75	-17.16	46.59	54.00	-7.41	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
est Voltage:	DC 12V		
nt. Pol.	Vertical		
est Mode:	TX G Mode 2412MHz Ant	1-SISO	TIDE
90.0 dBuV/m			
80		(RF) FCC PAR	T 15C (PEAK)
70			
60		(RF) FCC PAR	T 15C (AVG)
50	Land Parish de Land Con de Land Con	Company May mander of the second of the seco	harry A Market peal
40	my to the following the state of the state o	• · · · · · · · · · · · · · · · · · · ·	V CUVAL
30			
20			
10			
0			
-10 1000.000	6100.000 11200.000(M	Hz) 18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	3422.500	68.48	-17.16	51.32	74.00	-22.68	peak	Р
2	3958.000	61.20	-15.64	45.56	74.00	-28.44	peak	Р

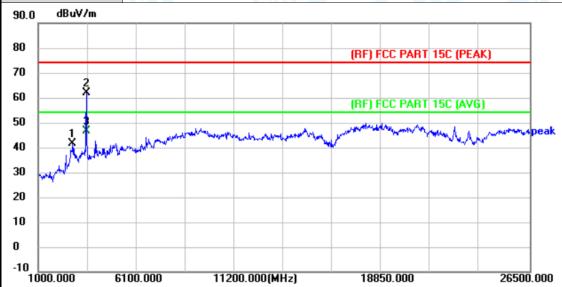
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WW.
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2437MHz An	t.1-SISO	
on o dRuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2785.000	60.22	-18.55	41.67	74.00	-32.33	peak	Р
2	3499.000	79.19	-17.32	61.87	74.00	-12.13	peak	Р
3 *	3499.000	63.90	-17.32	46.58	54.00	-7.42	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Tem	pera	ature:	24.4	4°C		6	Relative	Hum	idity:	48%		
Test	t Volt	tage:	DC	12V					197			113
Ant.	Pol.		Ver	tical	CIII	11.00	-	11/11/1	A CONTRACTOR OF THE PARTY OF TH		V B	
Test	t Mod	de:	TX	G Mo	de 24	137MHz Ar	t.1-SISO					
90.0	_ d	BuV/m										_
80												
70	$\vdash$							(RF)	CC PAR	T 15C (PE	AK)	-
		1										
60		X 12								T 15C (AV	/G)	1
50		*3 *X	Τ,	in the same		باسهد وعدود استالها ما	WWW.	ويعملهملهم	الموادرة المصدودي	American C.	Juneappart .	<b>≁</b> peak
40		hard Jakory	/4.w.b^	Must.						- ***	V	-
	1	JAN MARKET										1
30	WAJA	Jan Jan J										-
30 20	w./^											
	www.											
20	exe, A											
20 10 0					1	1200 000(M	12)	189	50 000		2650	0.000
20 10 0	000.0		00.00		1	1200.000(M	Hz)	188	50.000		2650	0.000
20 10 0					1	1200.000(M	Hz)	188	50.000		2650	0.000
20 10 0 -10	000.0	000 6	00.00	00 Read	ding	Factor	Level	L	imit	Margin	2650	
20 10 0 -10 1	000.0	Frequen (MHz)	00.00	Read (dB)	ding uV)	Factor (dB/m)	Level (dBuV/m	L (dB	imit uV/m)	(dB)		P/F
20 10 0 -10 11 N	000.0	Frequen (MHz) 3499.00	00.00	00 Read (dBi 76.	ding uV)	Factor (dB/m) -17.32	Level	) (dB	imit uV/m) 4.00	(dB) -15.24	Detector	P/F P
20 10 0 -10 11 N	0. 0.	Frequen (MHz)	0 0	Read (dB)	ding uV)	Factor (dB/m)	Level (dBuV/m	) (dB	imit uV/m)	(dB)	Detector	P/F

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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-14.20

-7.48

-31.25

peak

AVG

peak

Ρ

Ρ

74.00

54.00

74.00

Temper	ature:	24.4°C		Relative H	lumidity:	48%		
Test Vo	Itage:	DC 12V						113
Ant. Po	l.	Horizontal	1100			1	16	
Test Mo	de:	TX G Mode 2	2462MHz An	t.1-SISO		M)		1
90.0	dBuV/m							_
80				(R	F) FCC PART	15C (PE	AK)	
70								7
60	*			(R	F) FCC PART	15C (AV	G)	-
50	3	A.			brown philosoperan with			, ,⊬peak
40	TĂ,	ne allegania managemente	gamentary and transfer the state of	A STATE OF THE PARTY OF THE PAR		Mark Mark	Page Marine Co.	Pour
30	JAPAN .							-
20								
10								
0								
-10								
1000.0	000 61	00.000	11200.000(MI	łz)	18850.000		2650	000.000
,								
No.	Frequence (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m) (d		Margin (dB)	Detector	P/F

2 \*

3

3499.000

3499.000

3958.000

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
   Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)

77.12

63.84

58.39

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

-17.32

-17.32

-15.64

59.80

46.52

42.75

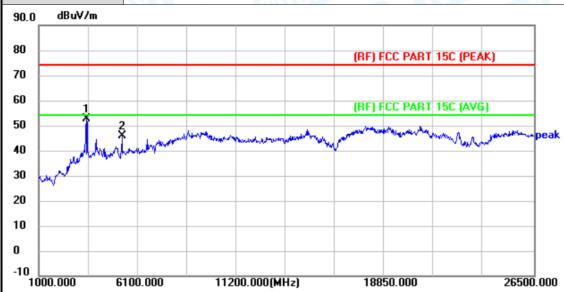
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		
Ant. Pol.	Vertical	A LIVE	
Test Mode:	TX G Mode 2462MHz Ant.	1-SISO	



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3473.500	69.97	-17.19	52.78	74.00	-21.22	peak	Р
2	5284.000	57.40	-11.39	46.01	74.00	-27.99	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	No.	Relative Humidi	<b>ty</b> : 48%	6	
Test Voltage:	DC 12V					
Ant. Pol.	Horizontal			Walter Land		
Test Mode:	TX G Mode	2412MHz A	Ant.2-SISO		111013	
90.0 dBuV/m						
80			(RF	) FCC PART	15C (PEAK)	
70						
60 2			(RF	) FCC PART	15C (AVG)	
-311 (***)*	سيسيدين بالمعالي بالمسايات	hand had been been been been been been been bee	and the second section of the section o	ing parting the property of th	okson	ulium vii in peal
20						
0						

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2402.500	59.75	-20.54	39.21	74.00	-34.79	peak	Р
2 *	3422.500	69.36	-17.16	52.20	74.00	-21.80	peak	Р

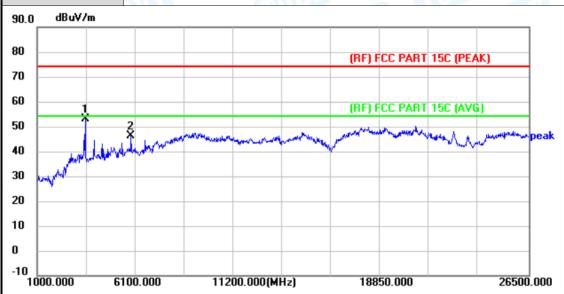
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 50 of 90

Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WUD?
Ant. Pol.	Vertical	A WILLIAM	
Test Mode:	TX G Mode 2412MHz A	nt.2-SISO	



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3499.000	70.41	-17.32	53.09	74.00	-20.91	peak	Р
2	5870.500	56.74	-10.46	46.28	74.00	-27.72	peak	Р

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
   Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
   Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





AVG

peak

-9.44

-29.75

Ρ

Page: 51 of 90

Temperature:	24.4°C		Relative I	Humidity:	48%	1100	
Test Voltage:	DC 12V					a	113
Ant. Pol.	Horizontal	11:00		HILL		1 B	
Test Mode:	TX G Mode 24	437MHz An	t.2-SISO				
90.0 dBuV/m							
							7
80				(RF) FCC PAR	15C (PE	AK)	
70							-
60 1				(RF) FCC PAR	T 15C (AV	G)	-
50	3			ada an pala para de la como de constante de la como de constante de la como de constante de cons			1.
40	the start of the s	المالية والمالية والمالية والمالية	MARKA MARKA	Mine and L. A	Warrak.	yes bridge being	Apeak
50 40 30							
"Y							
20							1
10							1
0							-
-10 1000.000 6°	100.000	11200.000(MI	1-1	18850.000		2050	_ 0.000
1000.000 6	100.000	11200.000(MI	12)	10000.000		2630	0.000
No. Frequence (MHz)		Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 3499.00	0 73.31	-17.32	55.99	74.00	-18.01	peak	Р

# Remark:

2 \*

3

3499.000

6610.000

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)

61.88

52.99

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

-17.32

-8.74

44.56

44.25

54.00

74.00

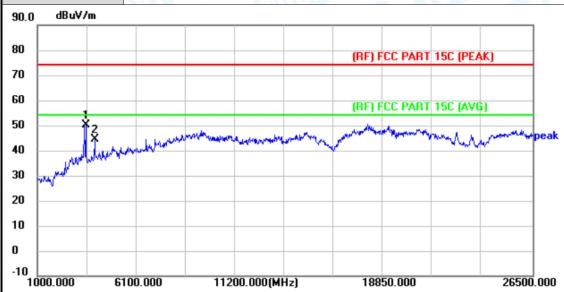
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2437MHz A	ant.2-SISO	



No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3499.000	67.65	-17.32	50.33	74.00	-23.67	peak	Р
2	3958.000	60.26	-15.64	44.62	74.00	-29.38	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relativ	e Humidity:	48%	
Test Voltage:	DC 12V			W. Carrier	CAN'S
Ant. Pol.	Horizontal	100	MARINE		6
Test Mode:	TX G Mode 246	62MHz Ant.2-SIS	0	MIDE	
90.0 dBuV/m					
80					
70			(RF) FCC PAR	T 15C (PEAK)	
1 1					
60			(RF) FCC PAR		
50 3		A	Water and the state of the stat	Murau A	peak بهرسانه
40	year who was a war and a war a	Markon Charles of Cal	W. Carlotte	THE COUNTY AND THE STATE OF THE	реак
30	·				
20					
10					
0					
-10					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3422.500	79.11	-17.16	61.95	74.00	-12.05	peak	Р
2 '	3422.500	63.73	-17.16	46.57	54.00	-7.43	AVG	Р
3	3958.000	59.12	-15.64	43.48	74.00	-30.52	peak	Р

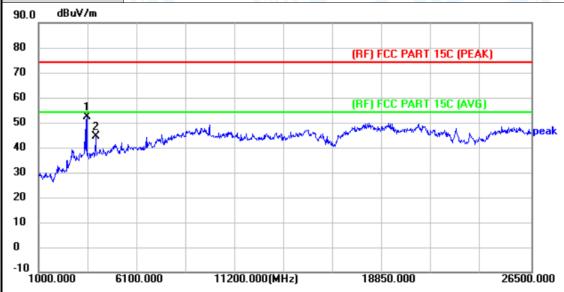
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
  4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WUP.
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2462MHz A	Ant.2-SISO	
90.0 dBuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3499.000	69.55	-17.32	52.23	74.00	-21.77	peak	Р
2	3958.000	59.94	-15.64	44.30	74.00	-29.70	peak	Р

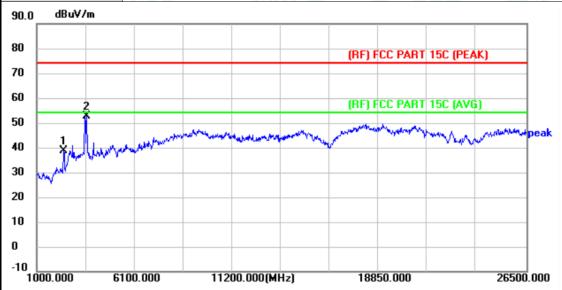
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C Relative Humidity: 48%
Test Voltage:	DC 12V
Ant. Pol.	Horizontal
Test Mode:	TX n(HT20) Mode 2412MHz Ant.1+2-MIMO
90.0 dBuV/m	



No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2402.500	59.28	-20.54	38.74	74.00	-35.26	peak	Р
2 *	3601.000	70.37	-17.71	52.66	74.00	-21.34	peak	Р

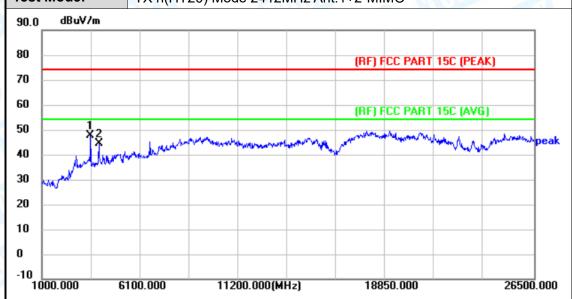
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WW.
Ant. Pol.	Vertical	N. W.	
Test Mode:	TX n(HT20) Mode 2412Mi	Hz Ant 1+2-MIMO	



No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3524.500	64.85	-17.02	47.83	74.00	-26.17	peak	Р
2	3958.000	59.98	-15.64	44.34	74.00	-29.66	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Tem	perature:	24.4°C		Relative Humid	ity: 48%	
Test	Voltage:	DC 12V				
Ant.	Pol.	Horizont	al			1
Test	Mode:	TX n(HT	20) Mode 2437M	1Hz Ant.1+2-MIM		
90.0	dBuV/m					
80				(RF) FC	C PART 15C (PE	AK)
70						
60	1.			(RF) FC	C PART 15C (AV	<b>G</b> )
50		2	Mesh page may make may make apply second	Parting and State of the State	however fragues	peak
40 30	what white	ha first heapy				
20	· .					
10						
0						
-10 10	000.000	6100.000	11200.000(MH	lz) 18850	.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3422.500	70.37	-17.16	53.21	74.00	-20.79	peak	Р
2	6610.000	53.77	-8.74	45.03	74.00	-28.97	peak	Р

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
   Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
   Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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emperature:	24.4°C	Rel	ative Humidity:	48%
est Voltage:	DC 12V			ann's
Ant. Pol.	Vertical	THE STATE OF	MAIN	
est Mode:	TX n(HT20)	Mode 2437MHz Ar	nt.1+2-MIMO	
90.0 dBuV/m				
80 70			(RF) FCC PART	15C (PEAK)
60 <u>1</u> 50 **	2		(RF) FCC PART	
30 20	Mary Mary Mary Mary Mary Mary Mary Mary	"The section of the s	Commence of the standard to th	**************************************
0 -10				
1000.000	6100.000	11200.000(MHz)	18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3550.000	69.42	-16.68	52.74	74.00	-21.26	peak	Р
2	6610.000	53.85	-8.74	45.11	74.00	-28.89	peak	Р

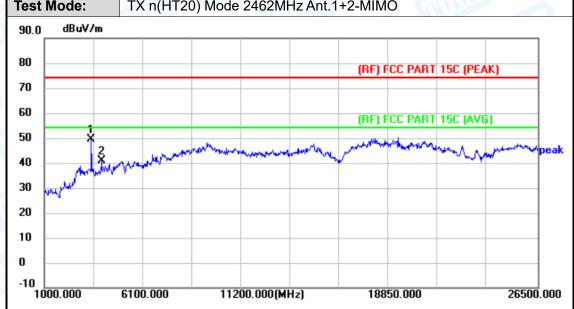
- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
   Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
   The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		WILL STATE
Ant. Pol.	Horizontal	A VIV	
Tost Modo:	TX n(HT20) Mode 2462N	AHz Ant 1+2-MIMO	



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	3422.500	66.57	-17.16	49.41	74.00	-24.59	peak	Р
2	3958.000	56.64	-15.64	41.00	74.00	-33.00	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Test Voltage: DC 12V  Ant. Pol. Vertical  Test Mode: TX n(HT20) Mode 2462MHz Ant.1+2-MIMO  90.0 dBuV/m  80  (RF) FCC PART 15C (PEAK)  70  60  40  30  20	
TX n(HT20) Mode 2462MHz Ant.1+2-MIMO  90.0 dBuV/m  80 (RF) FCC PART 15C (PEAK)  60 (RF) FCC PART 15C (AVG)  30 20	
90.0 dBuV/m  80 (RF) FCC PART 15C (PEAK)  70 60 (RF) FCC PART 15C (AVG)  30 20	6.3
80 (RF) FCC PART 15C (PEAK) 70 (RF) FCC PART 15C (AVG) 50 12 40 30 20	
(RF) FCC PART 15C (PEAK)  (RF) FCC PART 15C (AVG)	
(RF) FCC PART 15C (AVG)  1 2  X X  40  30  20	1
20	
	real hands
0 -10 -10 -1000.000 6100.000 11200.000(MHz) 18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3397.000	60.99	-17.20	43.79	74.00	-30.21	peak	Р
2 *	3958.000	59.78	-15.64	44.14	74.00	-29.86	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
   The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Tempera	ture:	24.4°C		Relat	ive Hur	nidity:	48%		
est Volt	age:	DC 12V			A	11/10			13
Ant. Pol.		Horizonta	al		MAG		1	63	1
est Mod	le:	TX n(HT	40) Mode 2422N	/IHz Ant.	1+2-MII	MO	MUL		A
90.0 dl	BuV/m								
80					(RF) I	CC PART	15C (PEA	K)	
70 60					(BF) I	CC PART	15C (AV6	1	
50	X X	المعملات على ا	the way with the state of the s	unphroduc	A CHARLES AND A CHARLES		was have		pea
30	Variation by	March							
20									
0									
-10 1000.00	20	6100.000	11200.000(M	1-1	100	50.000		26500	nnı

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)		Margin (dB)	Detector	P/F
1	1739.500	56.79	-23.15	33.64	74.00	-40.36	peak	Р
2 *	4009.000	66.31	-15.25	51.06	74.00	-22.94	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





62 of 90 Page:

Temperature:	24.4°C		Relative	Humidity:	48%	1	
Test Voltage:	DC 12V		J. Marie		What had a second		11/3
Ant. Pol.	Vertical	11:37	- N	ALL STREET		1 6	
Test Mode:	TX n(HT40) M	/lode 2422Ml	Hz Ant.1+2	-MIMO			
90.0 dBuV/m							,
80			(F	RF) FCC PAR	T 15C (PE	AK)	
70				, , , , , , , , , ,		,	
60			(F	RF) FCC PAR	T 15C (AV	<b>G)</b>	
50 ×3	, M. Jánha		الماميد بيدا	parage in the land of the land of the land		here	*peak
30 20	polingely warmen keeping						
-10 1000.000	6100.000	11200.000(MHz	:)	18850.000		2650	0.000
					1		
No. Freque		Factor (dB/m) (	Level dBuV/m) (		Margin (dB)	Detector	P/F

# Remark:

2

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

3448.000

3958.000

- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
  3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

67.51

60.37

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

-17.07

-15.64

50.44

44.73

74.00

74.00

-23.56

-29.27

peak

peak

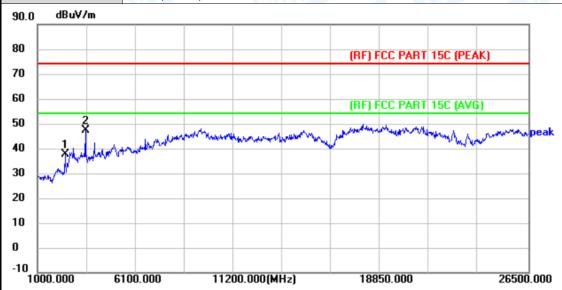
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%					
Test Voltage:	DC 12V		WW.					
Ant. Pol.	Horizontal							
Test Mode:	Test Mode: TX n(HT40) Mode 2437MHz Ant.1+2-MIMO							
90.0 dBuV/m								



No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2428.000	58.31	-20.56	37.75	74.00	-36.25	peak	Р
2 *	3499.000	64.80	-17.32	47.48	74.00	-26.52	peak	Р

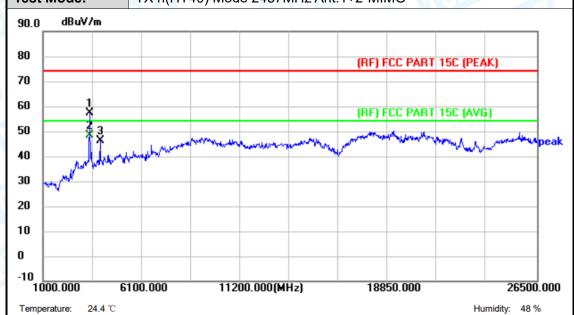
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V		
Ant. Pol.	Vertical		
Test Mode:	TX n(HT40) Mode 2437Mi	Hz Ant 1+2-MIMO	



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3397.000	74.42	-17.20	57.22	74.00	-16.78	peak	Р
2 *	3397.000	65.76	-17.20	48.56	54.00	-5.44	AVG	Р
3	3958.000	61.80	-15.64	46.16	74.00	-27.84	peak	Р

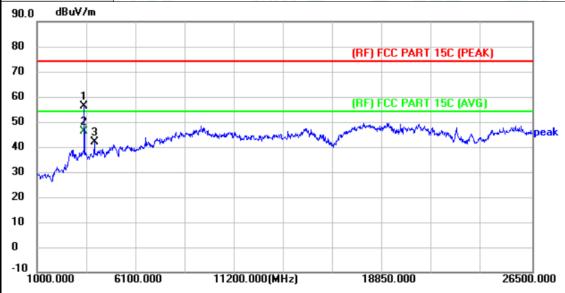
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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	147 M. 1469		
Temperature:	24.4°C	Relative Humidity:	48%
Test Voltage:	DC 12V	TO THE STATE OF TH	WU P
Ant. Pol.	Horizontal		
Test Mode:	TX n(HT40) Mode 245	2MHz Ant.1+2-MIMO	TILL
90.0 dBuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3422.500	73.27	-17.16	56.11	74.00	-17.89	peak	Р
2 *	3422.500	63.44	-17.16	46.28	54.00	-7.72	AVG	Р
3	3958.000	57.49	-15.64	41.85	74.00	-32.15	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





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Temperature:	24.4°C	Relative Humidity:	48%
Гest Voltage:	DC 12V	U CONT	
Ant. Pol.	Vertical		
Test Mode:	TX n(HT40) Mode 24	452MHz Ant.1+2-MIMO	UDD -
90.0 dBuV/m			
70		(RF) FCC PART	15C (PEAK)
60 50	_	(RF) FCC PART	
40	Control of the section of the sectio	where deferring the processing of the second	www.hamanahampea
20			
0			
-10 1000.000 6°	100.000 11200.00	00(MHz) 18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	3958.000	60.65	-15.64	45.01	74.00	-28.99	peak	Р
2	6610.000	53.07	-8.74	44.33	74.00	-29.67	peak	Р

### Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

- 2. Peak/AVG (dB $\mu$ V/m)= Corr. (dB/m)+ Read Level (dB $\mu$ V) 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.

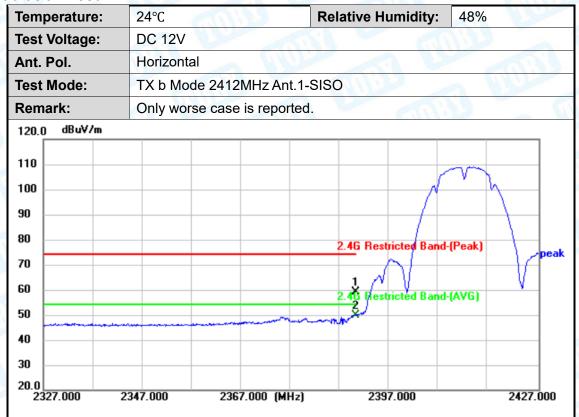




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# **Attachment C--Restricted Bands Requirement Test Data**

# **Radiation Test**



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	49.08	9.98	59.06	74.00	-14.94	peak	Р
2 *	2390.000	39.70	9.98	49.68	54.00	-4.32	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%
est Voltage:	DC 12V			
nt. Pol.	Vertical	400	N. W.	
est Mode:	TX b Mod	e 2412MHz Ant.1	-SISO	
Remark:	Only wors	se case is reported	d.	Carrier Land
120.0 dBuV/m				
110 100 90 80 70			2.46 Restricted Ban	peal
60			2.48 Restricted Ban	d-(AVG)
50			<del>*</del>	
40				
30				
20.0 2327.000	2347.000	2367.000 (MHz)	2397.000	2427.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2385.100	51.18	9.95	61.13	74.00	-12.87	peak	Р
2 *	2386.000	38.82	9.96	48.78	54.00	-5.22	AVG	Р
3	2390.000	47.36	9.98	57.34	74.00	-16.66	peak	Р
4	2390.000	36.30	9.98	46.28	54.00	-7.72	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





Detector P/F

peak

**AVG** 

peak

**AVG** 

Ρ

Ρ

Ρ

Ρ

(dB)

-14.15

-5.62

-10.15

-4.68

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Temperature:	24°C		Relative Humidi	ty: 48%					
Test Voltage:	DC 12V	DC 12V							
Ant. Pol.	Horizontal	Horizontal "X b Mode 2462MHz Ant.1-SISO							
est Mode:	TX b Mode 24								
Remark:	Only worse ca	ase is report	ed.		emily.				
20.0 dBuV/m									
110 100 30 30 70 50		1 3 X X	2.4G Restricted						
20.0	467.000	2487.000 (MH	z) 2517.000		2547.000				
No. Frequen	cy Reading	Factor	Level Limit	Margin	Detector P/F				

# Remark:

No.

1

2

3

4 \*

(MHz)

2483.500

2483.500

2487.500

2487.500

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
   Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)

(dBuV)

49.65

38.18

53.62

39.09

(dB/m)

10.20

10.20

10.23

10.23

(dBuV/m) (dBuV/m)

74.00

54.00

74.00

54.00

59.85

48.38

63.85

49.32





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Temperature:	24°C	Rela	ative Humidity:	48%
Test Voltage:	DC 12V	a U	TO VI	
Ant. Pol.	Vertical	1000	MIN.	
Test Mode:	TX b Mode 246	62MHz Ant.1-SIS	0	
Remark:	Only worse cas	se is reported.		
120.0 dBu∀/m				
110 100 90 80 70 60 50 40	1 × 2	3 *	2.4G Restricted Ban 2.4G Restricted Ban	d-(AVG)
20.0	2467.000 24	187.000 (MHz)	2517.000	2547.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	48.41	10.20	58.61	74.00	-15.39	peak	Р
2	2483.500	35.74	10.20	45.94	54.00	-8.06	AVG	Р
3	2488.000	49.75	10.23	59.98	74.00	-14.02	peak	Р
4 *	2488.000	36.98	10.23	47.21	54.00	-6.79	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C	Re	lative Humidity:	48%				
Test Voltage:	DC 12V	A U						
Ant. Pol.	Horizontal	1111979	MAG	1				
Test Mode:	TX b Mode	TX b Mode 2412MHz Ant.2-SISO						
Remark:	Only worse	Only worse case is reported.						
120.0 dBuV/m								
110 100 90 80 70 60 50 40			2.46 Restricted Band	peal				
20.0 2327.000	2347.000	2367.000 (MHz)	2397.000	2427.000				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2386.500	50.76	9.96	60.72	74.00	-13.28	peak	Р
2 *	2387.200	43.31	9.96	53.27	54.00	-0.73	AVG	Р
3	2390.000	47.62	9.98	57.60	74.00	-16.40	peak	Р
4	2390.000	40.58	9.98	50.56	54.00	-3.44	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C	Relative Humidity:	48%				
Гest Voltage:	DC 12V						
Ant. Pol.	Vertical		1				
est Mode:	TX b Mode 2412MHz Ant.2-SISO						
Remark:	Only worse case is reported.						
120.0 dBuV/m							
110							
100							
90		//	, h				
30		2.4G Restricted Band-	(Peak)				
70			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
60		2.48 Restricted Band-	(AVG)				
50		4	pea				
40							
30							
20.0 2327.000 2	347.000 2367.000 (MHz)	2397.000	2427.000				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	2386.200	38.68	9.96	48.64	54.00	-5.36	AVG	Р
2	2386.500	48.66	9.96	58.62	74.00	-15.38	peak	Р
3	2390.000	44.91	9.98	54.89	74.00	-19.11	peak	Р
4	2390.000	36.31	9.98	46.29	54.00	-7.71	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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est Voltage:	DC 12V								
	DC 12V			mn's					
nt. Pol.	Horizontal	1115							
est Mode:	TX b Mode	K b Mode 2462MHz Ant.2-SISO							
emark:	Only worse	e case is reporte	ed.						
20.0 dBuV/m 10 00 00 00 00 00 00 00 00 00 00 00 00		1 X	2.4G Restricted Bar 2.4G Restricted Bar						
60 60 60.0	V	Ž		peal					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	46.78	10.20	56.98	74.00	-17.02	peak	Р
2 *	2483.500	36.87	10.20	47.07	54.00	-6.93	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C	67	Relative Humidity:	48%				
Test Voltage:	DC 12V	1 U						
Ant. Pol.	Vertical	11/2/20	A MILL					
Test Mode:	TX b Mode 24	X b Mode 2462MHz Ant.2-SISO						
Remark:	Only worse c	ase is reported.		6.00				
120.0 dBuV/m								
110 100 90 80 70 60 50		1 X	2.4G Restricted Band-					
40		<b>E</b>		//peal				
30								
20.0 2447.000 2	467.000	2487.000 (MHz)	2517.000	2547.000				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	47.75	10.20	57.95	74.00	-16.05	peak	Р
2 *	2483.500	36.74	10.20	46.94	54.00	-7.06	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C	Relat	ive Humidity:	48%				
Test Voltage:	DC 12V							
Ant. Pol.	Horizontal	11015	MAG					
Test Mode:	TX g Mode 24	X g Mode 2412MHz Ant.1-SISO						
Remark:	Only worse ca	ase is reported.						
120.0 dBuV/m								
110 100 90 80 70			2.4G Restricted/Ban					
50		2	2.48 Restricted Ban	d-(AVG) Peal				
40		and the second s						
30								
20.0 2327.000	2347.000	2367.000 (MHz)	2397.000	2427.000				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	59.60	9.98	69.58	74.00	-4.42	peak	Р
2 *	2390.000	42.94	9.98	52.92	54.00	-1.08	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%				
Test Voltage:	DC 12V			mn s				
Ant. Pol.	Vertical	4000	A MULTINA	17				
Test Mode:	TX g Mod	K g Mode 2412MHz Ant.1-SISO						
Remark:	Only wors	nly worse case is reported.						
120.0 dBuV/m								
110 100 90 80 70			2.46 Restricted Band-(I					
60			2.4G Restricted Band-(a	AVG) peak				
50 40 30				peak				
20.0 2327.000	2347.000	2367.000 (MHz)	2397.000	2427.000				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	49.63	9.98	59.61	74.00	-14.39	peak	Р
2 *	2390.000	37.84	9.98	47.82	54.00	-6.18	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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emperature:	24°C	Relative Humidity:	48%						
est Voltage:	DC 12V	DC 12V							
nt. Pol.	Horizontal	orizontal							
est Mode:	TX g Mode 2462	X g Mode 2462MHz Ant.1-SISO							
Remark:	Only worse case	nly worse case is reported.							
20.0 dBuV/m									
110 100 90 80 70 60 50 40	1 x 2	2.4G Restricted Band 2.4G Restricted Band							
20.0									

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	53.64	10.20	63.84	74.00	-10.16	peak	Р
2 *	2483.500	42.43	10.20	52.63	54.00	-1.37	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%					
Test Voltage:	DC 12V	A U		mn!					
Ant. Pol.	Vertical	40127							
Test Mode:	TX g Mod	X g Mode 2462MHz Ant.1-SISO							
Remark:	Only wors	nly worse case is reported.							
120.0 dBuV/m									
110 100 90 80 70 60 50 40		1 × 2	2.46 Restricted Band	(AVG)					
20.0 2447.000	2467.000	2487.000 (MHz)	2517.000	2547.000					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	48.27	10.20	58.47	74.00	-15.53	peak	Р
2 *	2483.500	37.48	10.20	47.68	54.00	-6.32	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C	Relative Humidity:	48%						
Test Voltage:	DC 12V		and b						
Ant. Pol.	Horizontal	orizontal							
Test Mode:	TX g Mode 2412MHz Ant	.2-SISO							
Remark:	Only worse case is report	ted.							
120.0 dBuV/m									
110 100 90 80 70		2.46 Restricted Bar							
50		2.46 Restricted Ban	d-(AVG) peak						
40									
30									
20.0 2327.000 23									

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	51.27	9.98	61.25	74.00	-12.75	peak	Р
2 *	2390.000	40.66	9.98	50.64	54.00	-3.36	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%
Test Voltage:	DC 12V	A U		
nt. Pol.	Vertical	400	11111	17
est Mode:	TX g Mod	e 2412MHz Ant.2-	SISO	DIA OF
Remark:	Only wors	se case is reported		6.111132
20.0 dBu∀/m				
10				
00				~
90				
0			2.4G Restricted Band-	(Peak)
70				
50			2.46 Restricted Band-	(AVG) pea
50			2 somewhat the	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10	***************************************		and the same of th	
80				
20.0				
2327.000	2347.000	2367.000 (MHz)	2397.000	2427.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	50.53	9.98	60.51	74.00	-13.49	peak	Р
2 *	2390.000	40.17	9.98	50.15	54.00	-3.85	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%
Test Voltage:	DC 12V			COURT OF THE PARTY
Ant. Pol.	Horizonta	11119	A A A A A A A A A A A A A A A A A A A	1
Test Mode:	TX g Mod	e 2462MHz Ant.2	-SISO	
Remark:	Only wors	se case is reported	d.	
120.0 dBuV/m 110 100 90 80 70 60 50 40 30		1 *	2.4G Restricted Bar 2.4G Restricted Bar	
20.0	2467.000	2487.000 (MHz)	2517.000	2547.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	55.28	10.20	65.48	74.00	-8.52	peak	Р
2 *	2483.500	43.14	10.20	53.34	54.00	-0.66	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%
Test Voltage:	DC 12V	1 U		mn's
Ant. Pol.	Vertical	1107	A HILL	
Test Mode:	TX g Mode 2	462MHz Ant.2-S	ISO	
Remark:	Only worse of	ase is reported.		
120.0 dBuV/m				
110 100 90 80 70 60 50 40		1 X 2	2.46 Restricted Band	
20.0 2447.000 2	467.000	2487.000 (MHz)	2517.000	2547.000

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	50.78	10.20	60.98	74.00	-13.02	peak	Р
2 *	2483.500	42.23	10.20	52.43	54.00	-1.57	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidi	ity: 48%						
Test Voltage:	DC 12V	DC 12V								
Ant. Pol.	Horizonta	W(1) 2) P	A HILL		6.3					
Test Mode:	TX n(HT2	20) Mode 2412MHz	Ant.1+2-MIMO							
Remark:	Only wors	se case is reported			ATT DE					
120.0 dBuV/m										
110 100 90 80 70			2.4G Restricted							
			2.46 Restricted	Band-(AVG)	peal					
50 40 30			and the same of th							
20.0	2347.000	2367.000 (MHz)	2397.000		2427.000					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	55.89	9.98	65.87	74.00	-8.13	peak	Р
2 *	2390.000	42.04	9.98	52.02	54.00	-1.98	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		<b>Relative Humidity</b>	<b>/</b> : 48%						
est Voltage:	DC 12V	A U			CAN !					
Ant. Pol.	Vertical	WILL STATE			6.5					
est Mode:	TX n(HT2	(n(HT20) Mode 2412MHz Ant.1+2-MIMO								
Remark:	Only wors	e case is reported	d.	6	M'S					
120.0 dBuV/m										
110 100 90 30			2.4G Restricted	Band-(Peak)						
50			2.40 Restricted I	Band-(AVG)	y/\peal					
40										
30										
20.0	2347.000	2367.000 (MHz)	2397.000		2427.000					

No	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	48.66	9.98	58.64	74.00	-15.36	peak	Р
2	2390.000	37.66	9.98	47.64	54.00	-6.36	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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		The state of the s		
Temperature:	24°C		Relative Humidity:	48%
Гest Voltage:	DC 12V			
Ant. Pol.	Horizontal	1111973	A HILL	
Test Mode:	TX n(HT20	) Mode 2462MHz	Ant.1+2-MIMO	
Remark:	Only worse	case is reported		
120.0 dBuV/m				
110 100 90 80 70 60 50 40		1 X 2	2.4G Restricted Band	
20.0 2447.000 2	2467.000	2487.000 (MHz)	2517.000	2547.000

	No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
	1	2483.500	51.34	10.20	61.54	74.00	-12.46	peak	Р
Ī	2 *	2483.500	42.34	10.20	52.54	54.00	-1.46	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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emperature:	24°C	Relative Humidity:	48%						
est Voltage:	DC 12V								
Ant. Pol.	Vertical								
est Mode:	TX n(HT20) Mode 24	X n(HT20) Mode 2462MHz Ant.1+2-MIMO							
Remark:	Only worse case is r	eported.							
120.0 dBuV/m									
110 100 90 80 70 60 50	* * * * * * * * * * * * * * * * * * *	2.46 Restricted Band							
20.0 2447.000 2:	467.000 2487.000	D (MHz) 2517.000	2547.000						

1	No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)		Margin (dB)	Detector	P/F
	1	2483.500	48.75	10.20	58.95	74.00	-15.05	peak	Р
	2 *	2483.500	36.53	10.20	46.73	54.00	-7.27	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%						
Test Voltage:	DC 12V	A V		ans.						
Ant. Pol.	Horizonta	prizontal								
Test Mode:	TX n(HT4	0) Mode 2422MH	z Ant.1+2-MIMO							
Remark:	Only wors	Only worse case is reported.								
120.0 dBuV/m										
110										
100										
			\\							
90			,							
80			2.4G Restricted Bar	d-(Peak)						
70		×								
60		2	2.4G Restricted Bar	d-(AVG)						
50										
40										
30										
20.0	2363.500			2443.500						

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	58.59	9.98	68.57	74.00	-5.43	peak	Р
2 *	2390.000	43.30	9.98	53.28	54.00	-0.72	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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Temperature:	24°C		Relative Humidity:	48%					
Test Voltage:	DC 12V								
Ant. Pol.	Vertical	ULD P	A WU						
est Mode:	TX n(HT40	TX n(HT40) Mode 2422MHz Ant.1+2-MIMO							
Remark:	Only worse	e case is reporte	d.	emily.					
120.0 dBuV/m	'								
110									
100									
90				- manual de la company					
30			2.4G Restricted Ban	d-(Peak)					
70									
60		1 X	2.4G Restricted Ban	d-(AVG)					
50		2	and the state of t	peal					
40		A CONTRACTOR OF THE PARTY OF TH							
30									
20.0									
2343.500	2363.500	2383.500 (MHz)	2413.500	2443.500					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	50.49	9.98	60.47	74.00	-13.53	peak	Р
2 *	2390.000	39.60	9.98	49.58	54.00	-4.42	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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emperature:	24°C		Relative Humidity:	48%					
est Voltage:	DC 12V			mill!					
Ant. Pol.	Horizontal	orizontal							
est Mode:	TX n(HT40	TX n(HT40) Mode 2452MHz Ant.1+2-MIMO							
Remark:	Only worse	e case is reporte	d.						
120.0 dBuV/m 110 100 90			2.4G Restricted Bar	nd-(Peak)					
70 50 50 40 30			13 X 24 2.46 Restricted Bar						
20.0 2429.000	2449.000	2469.000 (MHz)	2499.000	2529.000					

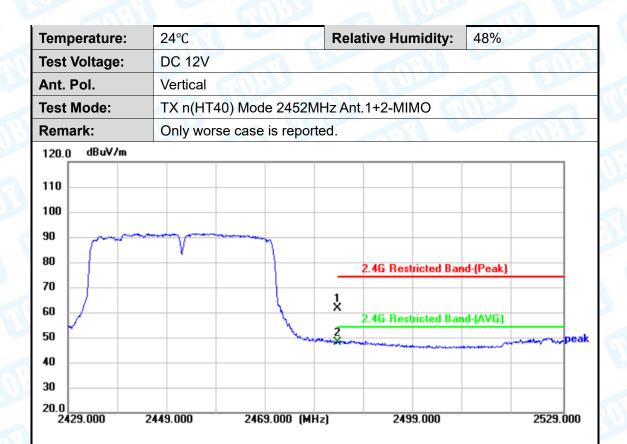
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	55.28	10.20	65.48	74.00	-8.52	peak	Р
2	2483.500	42.75	10.20	52.95	54.00	-1.05	AVG	Р
3	2484.500	56.63	10.21	66.84	74.00	-7.16	peak	Р
4 *	2484.500	43.45	10.21	53.66	54.00	-0.34	AVG	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
  2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)





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No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	51.25	10.20	61.45	74.00	-12.55	peak	Р
2 *	2483.500	37.84	10.20	48.04	54.00	-5.96	AVG	Р

## Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB $\mu$ V/m)-Limit PK/AVG(dB $\mu$ V/m)

----END OF THE REPORT-----

