

# **FCC Test Report**

Report No.:	RWAZ202300129C
Applicant:	Shenzhen Youmi Intelligent Technology Co., Ltd.
Address:	406-407 Jinqi Zhigu Building, 4/F, 1 Tangling Road, Nanshan District, Shenzhen City, China
Product Name:	Smart phone
Product Model:	PG2311GBA
Multiple Models:	N/A
Trade Mark:	UMIDIGI
FCC ID:	2ATZ4-G6
Standards:	FCC CFR Title 47 Part 15C (§15.247)
Test Date:	2023/12/22~2024/01/26
Test Result:	Complied
Report Date:	2024/02/27

**Reviewed by:** 

Abel chen

Approved by:

Jacob Gong

Abel Chen Project Engineer Jacob Kong Manager

### Prepared by:

World Alliance Testing and Certification (Shenzhen) Co., Ltd

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Report Template: TR-4-E-009/V1



## Announcement

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2. The results in this report apply only to the sample tested.

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5. The information marked "#" is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

## **Revision History**

Version No.	Issued Date	Description
00	27, Feb,2024	Original



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## **1** General Information

## 1.1 Client Information

Applicant:	Shenzhen Youmi Intelligent Technology Co., Ltd.
Address:	406-407 Jinqi Zhigu Building, 4/F, 1 Tangling Road, Nanshan District, Shenzhen City, China
Manufacturer:	Shenzhen Youmi Intelligent Technology Co., Ltd.
Address:	406-407 Jinqi Zhigu Building, 4/F, 1 Tangling Road, Nanshan District, Shenzhen City, China

## **1.2 Product Description of EUT**

The EUT is Smart phone that contains classic Bluetooth (BDR/EDR), BLE, 2.4G/5G WLAN, NFC and GSM/GPRS/EGPRS/WCDMA/LTE radios, this report covers the full testing of the 2.4G WLAN radio.

Sample Serial Number	2X-5 for CE&RE test, 2X-1 for RF test conducted test (assigned by WATC)
Sample Received Date	2023-12-05
Sample Status	Good Condition
Frequency Range	2412MHz - 2462MHz(802.11b, g, n-HT20) 2422MHz - 2452MHz(802.11n-HT40)
Maximum Conducted Peak Output Power	15.56dBm
Modulation Technology	DSSS, OFDM
Antenna Gain <sup>#</sup>	1.1dBi
Spatial Streams <sup>#</sup>	1TX, 1RX
Power Supply	DC 3.87V from battery or DC 5V from USB Port
Adapter Information	Adapter 1 Model: HF-0502000U Input: AC100-240V, 50/60Hz, 0.3A Output: DC 5.0V, 2A Adapter 2 Model: HJ-0502000W2-US Input: AC100-240V, 50/60Hz, 0.3A Output: DC 5V, 2A
Modification	Sample No Modification by the test lab

## 1.3 Antenna information

### 15.203 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, 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.

### Device Antenna information:

The Wi-Fi antenna is an internal antenna which cannot replace by end-user. Please see product internal photos for details.



### 1.4 Related Submittal(s)/Grant(s)

FCC Part 15, Subpart C, Equipment Class: DSS, FCC ID: 2ATZ4-G6 FCC Part 15, Subpart C, Equipment Class: DXX, FCC ID: 2ATZ4-G6 FCC Part 15, Subpart E, Equipment Class: NII, FCC ID: 2ATZ4-G6 FCC Part 22, Subpart H/Part 24, Subpart E/Part 27, Equipment Class: PCE, FCC ID: 2ATZ4-G6

### **1.5 Measurement Uncertainty**

Parameter		Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
AC Power Lines Conducted Emissions		±3.14dB
	Below 30MHz	±2.78dB
Emissions, Radiated	Below 1GHz	±4.84dB
	Above 1GHz	±5.44dB
Conducted Power		0.74dB
Frequency Error		150Hz
Bandwidth		0.34%
Power Spectral Density	,	0.74dB

**Note 1:** The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

**Note 2:** The Decision Rule is based on simple acceptance with ISO Guide 98-4:2012 Clause 8.2 (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

### **1.6 Laboratory Location**

World Alliance Testing and Certification (Shenzhen) Co., Ltd

No. 1002, East Block, Laobing Building, Xingye Road 3012, Xixiang street, Bao'an District, Shenzhen, Guangdong, People's Republic of China

Tel: +86-755-29691511, Email: <u>qa@watc.com.cn</u>

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 463912, the FCC Designation No. : CN5040.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0160.

## 1.7 Test Methodology

FCC CFR 47 Part 2 FCC CFR 47 Part 15 KDB 558074 D01 DTS Meas Guidance v05r02 ANSI C63.10-2020

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## 2 Description of Measurement

## 2.1 Test Configuration

Operating channels:						
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	
1	2412	6	2437	11	2462	
2	2417	7	2442	/	/	
3	2422	8	2447	/	/	
4	2427	9	2452	/	/	
5	2432	10	2457	/	/	

According to ANSI C63.10-2020 chapter 5.6.1 Table 11 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

802.11b, 802.11g, 802.11n-HT20						
Lowest channel		Middle channel		Highest channel		
Channel No. (MHz)		Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	
1	2412	6	2437	11	2462	
		802.11n-	HT40	_		
Lowe	est channel	Middle channel Highest channel			channel	
Channel No. (MHz)		Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	
3	2422	6	2437	9	2452	

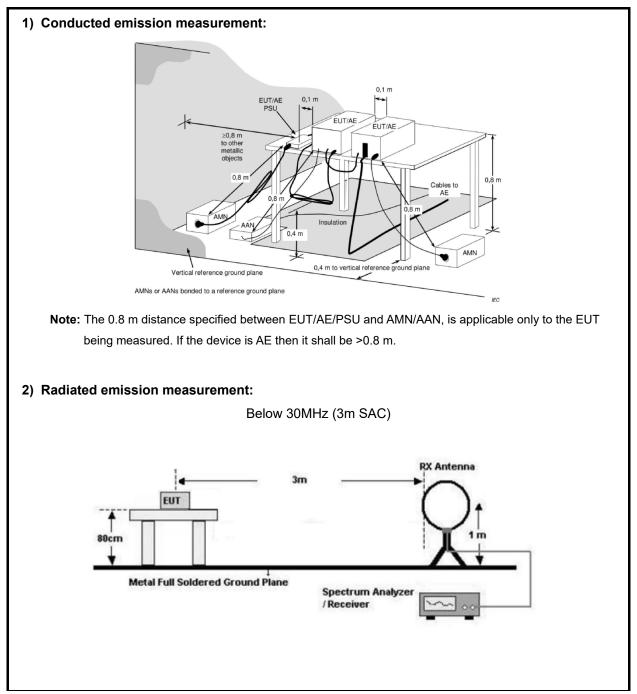
Test Mode:								
Transmitting mode:	Keep the EUT in	Keep the EUT in continuous transmitting with modulation						
Exercise software <sup>#</sup> :	Engineering mod	lel						
Mada	Worst-case	Powel Level Setting <sup>#</sup>						
Mode	Data rate	Low Channel	Middle Channel	High Channel				
802.11b	1Mbps	13	13	13				
802.11g	6Mbps	12	12	12				
802.11n-HT20	MCS0	12	12	12				
802.11n-HT40	MCS0	MCS0 12 12 12						
The exercise softwa	re and the maximum	power setting that pro	ovided by manufacture	er.				
Worst-Case Config	uration:							
For radiated emissions, EUT was investigated in three orthogonal orientation, the worst-case orientation was recorded in report								
For the adapter 1 and adapter 2, the adapter 1 was the worse one of radiated spurious emission below 1GHz in the DSS report. So only adapter 1 was chosen for the full test in this report. For AC power line conducted emission and radiated emission 9kHz-1GHz and above 18GHz were performed with the EUT transmits at the channel with highest output power as worst-case scenario.								



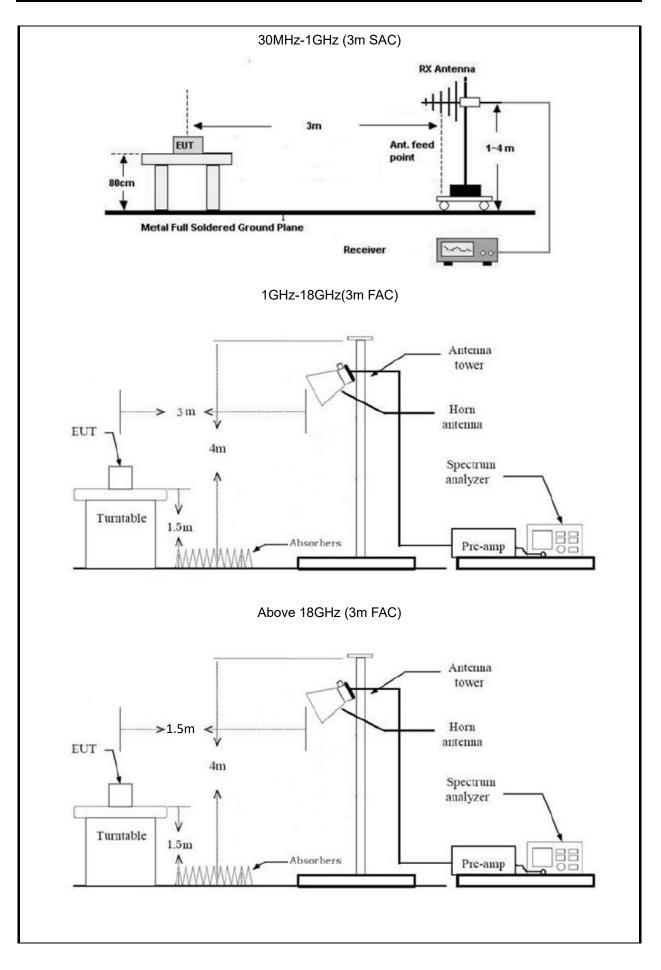
### 2.2 Test Auxiliary Equipment

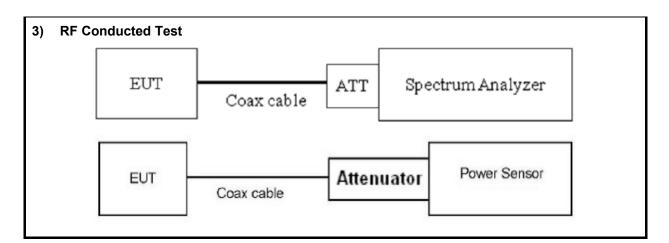
Manufacturer	Description	Model	Serial Number	
/	/	/	/	

## 2.3 Test Setup









### 2.4 Test Procedure

### Conducted emission:

- 1. The E.U.T is placed on a non-conducting table 40cm from the vertical ground plane and 80cm above the horizontal ground plane (Please refer to the block diagram of the test setup and photographs).
- 2. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
- 3. Line conducted data is recorded for both Line and Neutral

### **Radiated Emission Procedure:**

### a) For below 30MHz

- All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz- 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40\*Log (test distance / specification distance).
- 2. Loop antenna use, investigation was done on the three antenna orientations (parallel, perpendicular, gound-parallel)

### b) For 30MHz-1GHz:

- 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.
- 2. EUT works in each mode of operation that needs to be tested. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.

### c) For above 1GHz:

 The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m (1-18GHz) and 1.5 m (above 18GHz).



- 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.
- 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
- 4. Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

### **RF Conducted Test:**

- 1. The antenna port of EUT was connected to the RF port of the test equipment (Power Meter or Spectrum analyzer) through Attenuator and RF cable.
- 2. The cable assembly insertion loss of 11dB (including 10 dB Attenuator and 1.0 dB cable) was entered as an offset in the power meter. Note: Actual cable loss was unavailable at the time of testing, therefore a loss of 1.0dB was assumed as worst case. This was later verified to be true by laboratory. ( if the RF cable provided by client, the cable loss declared by client)
- 3. The EUT is keeping in continuous transmission mode and tested in all modulation modes.

Description of Test	Measurement Method	
AC Line Conducted Emissions	ANSI C63.10-2020 Section 6.2	
Maximum Conducted Output Power	ANSI C63.10-2020 Section 11.9.1.2 PKPM1 Peak power meter method or	
	ANSI C63.10-2020 Section 11.9.2.3.2 Method AVGPM-G	
Power Spectral Density	ANSI C63.10-2020 Section 11.10.2 Method PKPSD (peak PSD)	
6 dB Emission Bandwidth	ANSI C63.10-2020 Section 11.8.1	
99% Occupied Bandwidth	ANSI C63.10-2020 Section 6.9.3	
100kHz Bandwidth of Frequency Band Edge	ANSI C63.10-2020 Section 6.10	
Radiated emission	ANSI C63.10-2020 Section 11.11&11.12	
Duty Cycle	ANSI C63.10-2020 Section 11.6	

### 2.5 Measurement Method

## 2.6 Measurement Equipment

Manufacturer	Description	Model	Management No.	Calibration Date	Calibration Due Date	
AC Line Conducted Emission Test						
ROHDE& SCHWARZ	EMI TEST RECEIVER	ESR	101817	2023/7/3	2024/7/2	
R&S	LISN	ENV216	101748	2023/8/1	2024/7/30	
N/A	Coaxial Cable	NO.12	N/A	2023/7/3	2024/7/2	
Farad	Test Software	EZ-EMC	Ver. EMEC-3A1	/	/	
	1	Radiated Emissio	n Test			
R&S	EMI test receiver	ESR3	102758	2023/7/3	2024/7/2	
ROHDE& SCHWARZ	SPECTRUM ANALYZER	FSV40-N	101608	2023/7/3	2024/7/2	
SONOMA INSTRUMENT	Low frequency amplifier	310	186014	2023/7/12	2024/7/11	
COM-POWER	preamplifier	PAM-118A	18040152	2023/8/21	2024/8/20	
COM-POWER	Amplifier	PAM-840A	461306	2023/8/8	2024/8/7	
ETS	Passive Loop Antenna	6512	29604	2023/7/7	2024/7/6	
SCHWARZBECK	Log - periodic wideband antenna	VULB 9163	9163-872	2023/7/7	2024/7/6	
Astro Antenna Ltd	Horn antenna	AHA-118S	3015	2023/7/6	2024/7/5	
Ducommun technologies	Horn Antenna	ARH-4223-02	1007726-03	2023/7/10	2024/7/9	
Ducommun technologies	Horn Antenna	ARH-2823-02	1007726-03	2023/7/10	2024/7/9	
Oulitong	Band Reject Filter	OBSF-2400-248 3.5-50N	OE02103119	2023/9/15	2024/9/14	
N/A	Coaxial Cable	N/A	NO.9	2023/8/8	2024/8/7	
N/A	Coaxial Cable	N/A	NO.10	2023/8/8	2024/8/7	
N/A	Coaxial Cable	N/A	NO.11	2023/8/8	2024/8/7	
Audix	Test Software	E3	191218 V9	/	/	
		RF Conducted	Test			
R&S	Spectrum Analyzer	FSV40	101590	2023/11/16	2024/11/15	
MARCONI	10dB Attenuator	1692595	2942	2023/10/25	2024/10/24	
ANRITSU	USB Power Sensor	MA24418A	12620	2023/7/12	2024/7/11	

Note: All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or International standards.





## 3 Test Results

## 3.1 Test Summary

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.207 (a)	AC Line Conducted Emissions	Compliance
§15.247(b)(3)	Maximum Conducted Output Power	Compliance
§15.247(e)	Power Spectral Density	Compliance
§15.247 (a)(2)	6 dB Emission Bandwidth	Compliance
-	99% Occupied Bandwidth	Compliance
§15.247(d)	100kHz Bandwidth of Frequency Band Edge	Compliance
§15.205, §15.209, §15.247(d)	Radiated emission	Compliance
-	Duty Cycle	Compliance



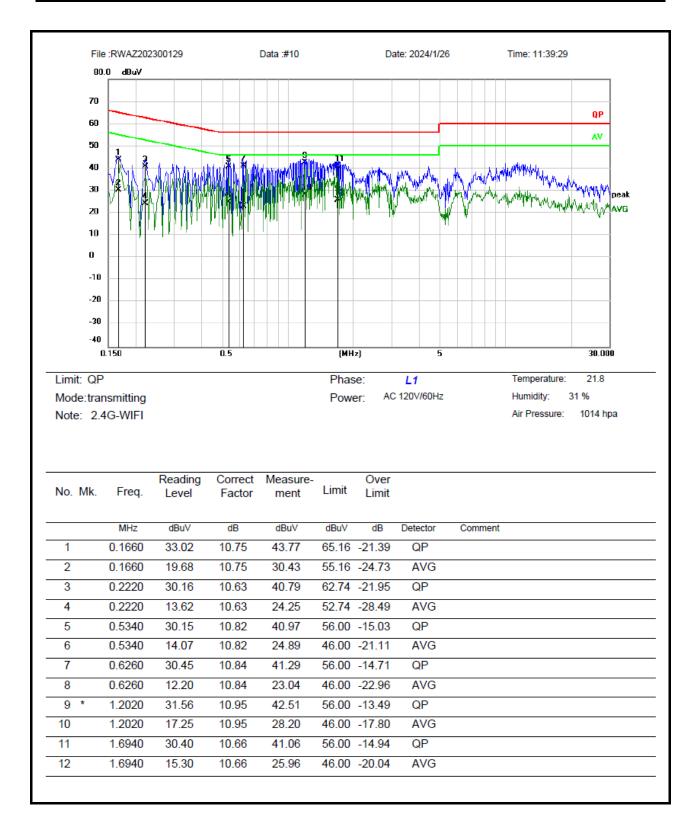
## 3.2 Limit

Test items	Limit
AC Line Conducted Emissions	See details §15.207 (a)
Conducted Output Power	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.
6dB Emission Bandwidth	The minimum 6 dB bandwidth shall be at least 500 kHz.
Power Spectral Density	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.
Spurious Emissions, 100kHz Bandwidth of Frequency Band Edge	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator 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 the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.205(c)).

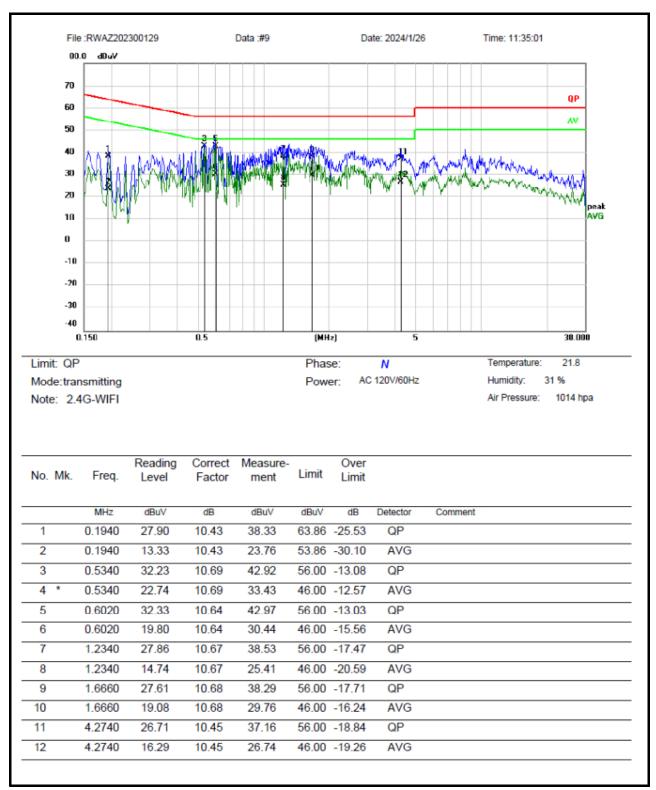


## 3.3 AC Line Conducted Emissions Test Data

Test Date:	2024-1-26	Test By:	Lirou Li		
Environment condition:	Temperature: 21.8°C; Relative Humidity:31%; ATM Pressure: 101.4kPa				







#### Remark:

Measurement (dBuV)= Reading Level (dBuV) + Correct Factor(dB)

Correct Factor (dB)= LISN Voltage Division Factor (dB)+ Cable loss(dB)

Over = Measurement – Limit



## 3.4 Radiated emission Test Data

9 kHz-30MHz:

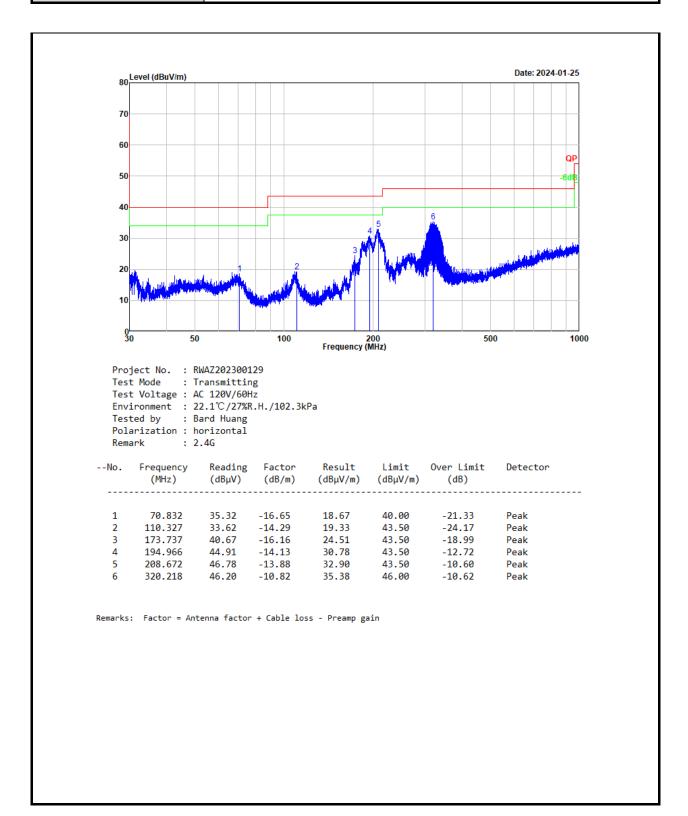
Test Date:	2024-01-25	Test By:	Bard Huang	
Environment condition:	Temperature: 22.1 °C; Relative Humidity:27%; ATM Pressure: 102.3kP			

For radiated emissions below 30MHz, there were no emissions found within 20dB of limit.

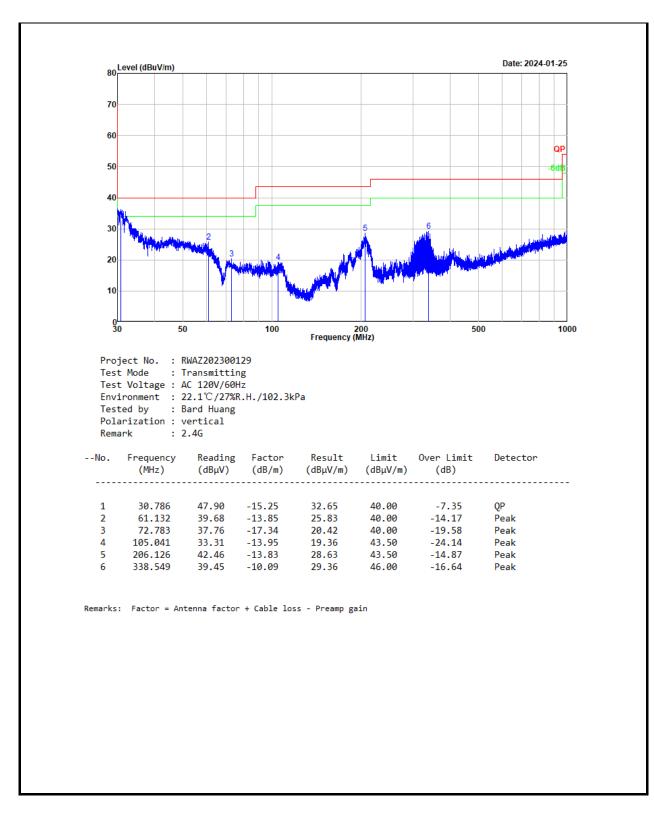


#### 30MHz-1GHz:

Test Date:	2024-01-25	Test By:	Bard Huang
Environment condition:	Temperature: 22.1 °C; Relative Humidity:27%; ATM Pressure: 102.3		ressure: 102.3kPa







#### Remark:

Result = Reading + Factor

Factor = Antenna factor + Cable loss – Amplifier gain

Over Limit = Result – Limit



### Above 1GHz:

Test Date:	2024-01-25	Test By:	Luke Li	
Environment condition:	Temperature: 22.1 °C; Relative Humidity:27%; ATM Pressure: 102.3kPa			

Frequency (MHz)	Reading level (dBµV)	Polar	Corrected Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Remark	
802.11b								
			Low Ch	annel				
2390	54.79	Horizontal	8.25	63.04	74	-10.96	Peak	
2390	41.96	Horizontal	8.25	50.21	54	-3.79	Average	
2390	55.69	Vertical	8.25	63.94	74	-10.06	Peak	
2390	41.87	Vertical	8.25	50.12	54	-3.88	Average	
4824	53.89	Horizontal	0.26	54.15	74	-19.85	Peak	
4824	49.46	Horizontal	0.26	49.72	54	-4.28	Average	
4824	48.1	Vertical	0.26	48.36	74	-25.64	Peak	
4824	43.77	Vertical	0.26	44.03	54	-9.97	Average	
7236	51.13	Horizontal	3.26	54.39	74	-19.61	Peak	
7236	36.24	Horizontal	3.26	39.5	54	-14.5	Average	
7236	47.75	Vertical	3.26	51.01	74	-22.99	Peak	
7236	36.25	Vertical	3.26	39.51	54	-14.49	Average	
		<u> </u>	Middle C	hannel			1	
4874	48.87	Horizontal	0.41	49.28	74	-24.72	Peak	
4874	44.82	Horizontal	0.41	45.23	54	-8.77	Average	
4874	46.82	Vertical	0.41	47.23	74	-26.77	Peak	
4874	36.44	Vertical	0.41	36.85	54	-17.15	Average	
7311	48.98	Horizontal	3.02	52	74	-22	Peak	
7311	38.49	Horizontal	3.02	41.51	54	-12.49	Average	
7311	46.87	Vertical	3.02	49.89	74	-24.11	Peak	
7311	37.41	Vertical	3.02	40.43	54	-13.57	Average	
			High Ch	annel				
2483.5	55.22	Horizontal	8.25	63.47	74	-10.53	Peak	
2483.5	42.4	Horizontal	8.25	50.65	54	-3.35	Average	
2483.5	55.77	Vertical	8.25	64.02	74	-9.98	Peak	
2483.5	42.11	Vertical	8.25	50.36	54	-3.64	Average	
4924	54	Horizontal	0.69	54.69	74	-19.31	Peak	
4924	49.59	Horizontal	0.69	50.28	54	-3.72	Average	
4924	49.48	Vertical	0.69	50.17	74	-23.83	Peak	



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4924	40.25	Vertical	0.69	40.94	54	-13.06	Average
7386	47.66	Horizontal	3.09	50.75	74	-23.25	Peak
7386	37.13	Horizontal	3.09	40.22	54	-13.78	Average
7386	47.73	Vertical	3.09	50.82	74	-23.18	Peak
7386	36.21	Vertical	3.09	39.3	54	-14.7	Average
			802.1	1g			
			Low Ch	annel			_
2390	55.97	Horizontal	8.25	64.22	74	-9.78	Peak
2390	42.61	Horizontal	8.25	50.86	54	-3.14	Average
2390	55.22	Vertical	8.25	63.47	74	-10.53	Peak
2390	42.2	Vertical	8.25	50.45	54	-3.55	Average
4824	48.34	Horizontal	0.26	48.6	74	-25.4	Peak
4824	38.77	Horizontal	0.26	39.03	54	-14.97	Average
4824	54.35	Vertical	0.26	54.61	74	-19.39	Peak
4824	48.3	Vertical	0.26	48.56	54	-5.44	Average
7236	47.97	Horizontal	3.26	51.23	74	-22.77	Peak
7236	37.14	Horizontal	3.26	40.4	54	-13.6	Average
7236	47.57	Vertical	3.26	50.83	74	-23.17	Peak
7236	38.04	Vertical	3.26	41.3	54	-12.7	Average
			Middle C	hannel			
4874	48.97	Horizontal	0.41	49.38	74	-24.62	Peak
4874	43.66	Horizontal	0.41	44.07	54	-13.93	Average
4874	49.23	Vertical	0.41	49.64	74	-24.36	Peak
4874	44.18	Vertical	0.41	44.59	54	-9.41	Average
7311	48.49	Horizontal	3.02	51.51	74	-22.49	Peak
7311	38.44	Horizontal	3.02	41.46	54	-12.54	Average
7311	47.75	Vertical	3.02	50.77	74	-23.23	Peak
7311	38.79	Vertical	3.02	41.81	54	-12.19	Average
			High Ch	annel	·		
2483.5	55.51	Horizontal	8.25	63.76	74	-10.24	Peak
2483.5	42.07	Horizontal	8.25	50.32	54	-3.68	Average
2483.5	55.96	Vertical	8.25	64.21	74	-9.79	Peak
2483.5	42.42	Vertical	8.25	50.67	54	-3.33	Average
4924	48.02	Horizontal	0.69	48.71	74	-25.29	Peak
4924	39.42	Horizontal	0.69	40.11	54	-13.89	Average
4924	49.89	Vertical	0.69	50.58	74	-23.42	Peak
4924	44.38	Vertical	0.69	45.07	54	-8.93	Average
7386	46.89	Horizontal	3.09	49.98	74	-24.02	Peak



						*	
7386	36.48	Horizontal	3.09	39.57	54	-14.43	Average
7386	47.66	Vertical	3.09	50.75	74	-23.25	Peak
7386	37.85	Vertical	3.09	40.94	54	-13.06	Average
			802.11	n20			
			Low Cha	annel			
2390	55.87	Horizontal	8.25	64.12	74	-9.88	Peak
2390	42.26	Horizontal	8.25	50.51	54	-3.49	Average
2390	55.41	Vertical	8.25	63.66	74	-10.34	Peak
2390	41.77	Vertical	8.25	50.02	54	-3.98	Average
4824	48.92	Horizontal	0.26	49.18	74	-24.82	Peak
4824	40.21	Horizontal	0.26	40.47	54	-13.53	Average
4824	52.17	Vertical	0.26	52.43	74	-21.57	Peak
4824	36.14	Vertical	0.26	36.4	54	-17.6	Average
7236	50.22	Horizontal	3.26	53.48	74	-20.52	Peak
7236	36.59	Horizontal	3.26	39.85	54	-14.15	Average
7236	56.64	Vertical	3.26	59.9	74	-14.1	Peak
7236	36.4	Vertical	3.26	39.66	54	-14.34	Average
			Middle Cl	nannel			
4874	48.65	Horizontal	0.41	49.06	74	-24.94	Peak
4874	38.56	Horizontal	0.41	38.97	54	-15.03	Average
4874	48.78	Vertical	0.41	49.19	74	-24.81	Peak
4874	41.4	Vertical	0.41	41.81	54	-12.19	Average
7311	56.48	Horizontal	3.02	59.5	74	-14.5	Peak
7311	36.96	Horizontal	3.02	39.98	54	-14.02	Average
7311	53.19	Vertical	3.02	56.21	74	-17.79	Peak
7311	36.05	Vertical	3.02	39.07	54	-14.93	Average
			High Ch	annel			
2483.5	55.26	Horizontal	8.25	63.51	74	-10.49	Peak
2483.5	42.21	Horizontal	8.25	50.46	54	-3.54	Average
2483.5	56.18	Vertical	8.25	64.43	74	-9.57	Peak
2483.5	42.16	Vertical	8.25	50.41	54	-3.59	Average
4924	49.45	Horizontal	0.69	50.14	74	-23.86	Peak
4924	42.96	Horizontal	0.69	43.65	54	-10.35	Average
4924	49.42	Vertical	0.69	50.11	74	-23.89	Peak
4924	43.06	Vertical	0.69	43.75	54	-10.25	Average
7386	53.77	Horizontal	3.09	56.86	74	-17.14	Peak
7386	44.18	Horizontal	3.09	47.27	54	-6.73	Average
7386	50.99	Vertical	3.09	54.08	74	-19.92	Peak



7386	39.14	Vertical	3.09	42.23	54	-11.77	Average
1000	00.14	Ventioar	802.12		04	-11.77	Average
			Low Ch				
2390	56.54	Horizontal	8.25	64.79	74	-9.21	Peak
2390	42.59	Horizontal	8.25	50.84	54	-3.16	Average
2390	56.14	Vertical	8.25	64.39	74	-9.61	Peak
2390	42.29	Vertical	8.25	50.54	54	-3.46	Average
4844	48.6	Horizontal	0.3	48.9	74	-25.1	Peak
4844	37.85	Horizontal	0.3	38.15	54	-15.85	Average
4844	48.54	Vertical	0.3	48.84	74	-25.16	Peak
4844	37.53	Vertical	0.3	37.83	54	-16.17	Average
7266	48.52	Horizontal	3.14	51.66	74	-22.34	Peak
7266	37.2	Horizontal	3.14	40.34	54	-13.66	Average
7266	48.11	Vertical	3.14	51.25	74	-22.75	Peak
7266	40.18	Vertical	3.14	43.32	54	-10.68	Average
			Middle C	hannel			
4874	48.44	Horizontal	0.41	48.85	74	-25.15	Peak
4874	38.1	Horizontal	0.41	38.51	54	-15.49	Average
4874	48.31	Vertical	0.41	48.72	74	-25.28	Peak
4874	39.35	Vertical	0.41	39.76	54	-14.24	Average
7311	48.35	Horizontal	3.02	51.37	74	-22.63	Peak
7311	37.06	Horizontal	3.02	40.08	54	-13.92	Average
7311	48.93	Vertical	3.02	51.95	74	-22.05	Peak
7311	38.59	Vertical	3.02	41.61	54	-12.39	Average
			High Ch	annel			_
2483.5	57.92	Horizontal	8.25	66.17	74	-7.83	Peak
2483.5	42.17	Horizontal	8.25	50.42	54	-3.58	Average
2483.5	57	Vertical	8.25	65.25	74	-8.75	Peak
2483.5	42.6	Vertical	8.25	50.85	54	-3.15	Average
4904	48.13	Horizontal	0.55	48.68	74	-25.32	Peak
4904	38.71	Horizontal	0.55	39.26	54	-14.74	Average
4904	48.44	Vertical	0.55	48.99	74	-25.01	Peak
4904	41.17	Vertical	0.55	41.72	54	-12.28	Average
7356	48.27	Horizontal	3.1	51.37	74	-22.63	Peak
7356	37.93	Horizontal	3.1	41.03	54	-12.97	Average
7356	48.22	Vertical	3.1	51.32	74	-22.68	Peak
7356	38.23	Vertical	3.1	41.33	54	-12.67	Average



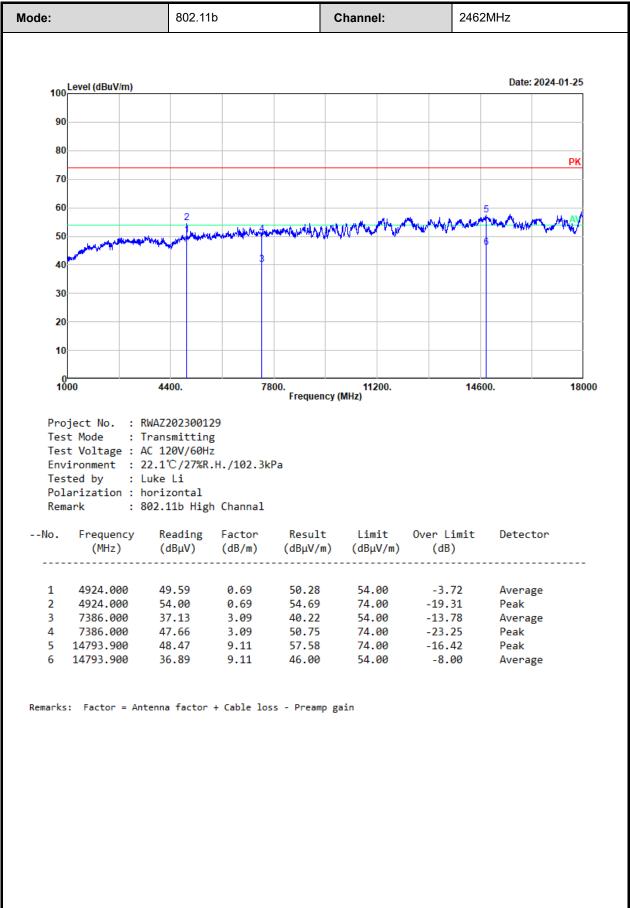
Remark: Corrected Amplitude= Reading level + corrected Factor Corrected Factor = Antenna factor + Cable loss – Amplifier gain Margin = Corrected Amplitude – Limit

The emission levels of other frequencies that were lower than the limit 20dB not show in test report.

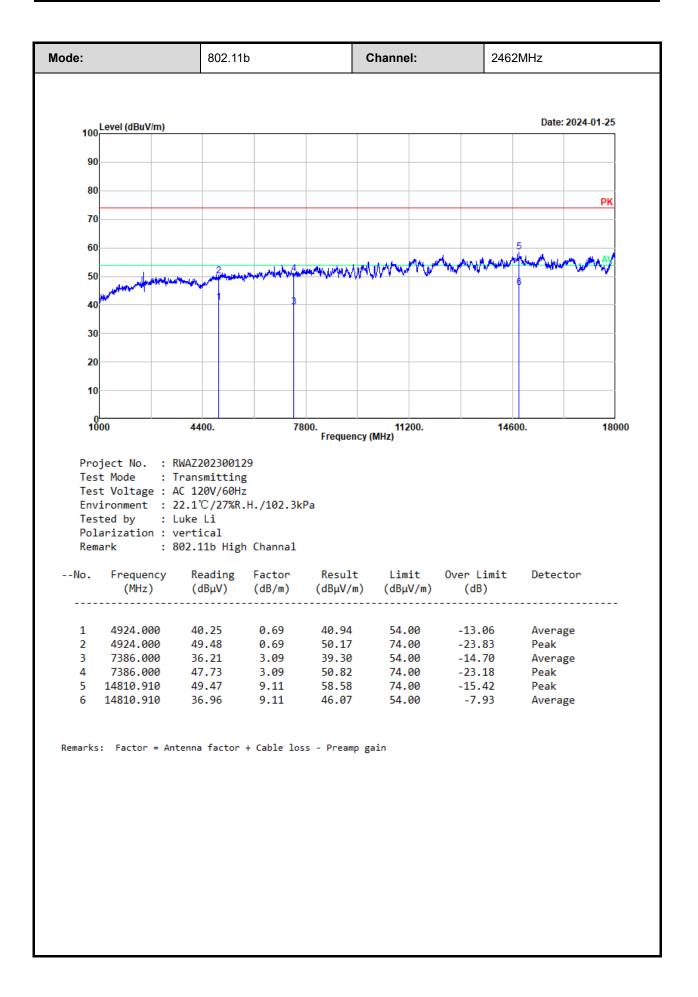
For emissions in 18GHz-25GHz range, all emissions were investigated and in the noise floor level.



#### Test plot for example as below:







## 3.5 RF Conducted Test Data

Test Date:	2023-12-22	Test By:	Ryan Zhang		
Environment condition:	Temperature: 24°C; Relative Humidity:34%; ATM Pressure: 101.54kPa				

### 3.5.1 6 dB Emission Bandwidth and 99% Occupied Bandwidth

Test Mode	Channel	99% OBW [MHz]	6dB BW [MHz]	6dB BW Limit[MHz]	Verdict
	2412	13.19	8.61	0.5	Pass
802.11b	2437	12.59	8.10	0.5	Pass
	2462	13.23	8.61	0.5	Pass
	2412	17.34	16.56	0.5	Pass
802.11g	2437	16.54	15.12	0.5	Pass
	2462	17.34	16.53	0.5	Pass
	2412	18.06	17.85	0.5	Pass
802.11n ht20	2437	17.58	15.51	0.5	Pass
	2462	18.02	17.79	0.5	Pass
	2422	35.96	25.32	0.5	Pass
802.11n ht40	2437	35.24	23.40	0.5	Pass
	2452	37.08	36.60	0.5	Pass



## 3.5.2 Maximum Conducted Peak Output Power

Test Mode	Channel [MHz]	Result [dBm]	Limit [dBm]	Verdict
	2412	10.42	30	Pass
802.11b	2437	10.87	30	Pass
	2462	11.51	30	Pass
	2412	14.40	30	Pass
802.11g	2437	14.90	30	Pass
_	2462	15.18	30	Pass
	2412	14.47	30	Pass
802.11n ht20	2437	14.82	30	Pass
	2462	15.56	30	Pass
	2422	15.32	30	Pass
802.11n ht40	2437	15.46	30	Pass
	2452	15.44	30	Pass

## 3.5.3 Power Spectral Density

Test Mode	Channel [MHz]	Result [dBm/10kHz]	Limit [dBm/3kHz]	Verdict
	2412	-9.32	8	Pass
802.11b	2437	-8.73	8	Pass
	2462	-8.34	8	Pass
	2412	-12.29	8	Pass
802.11g	2437	-11.28	8	Pass
	2462	-11.54	8	Pass
	2412	-12.76	8	Pass
802.11n ht20	2437	-11.70	8	Pass
	2462	-11.28	8	Pass
	2422	-12.95	8	Pass
802.11n ht40	2437	-12.11	8	Pass
	2452	-13.89	8	Pass



Test Mode	Channel	Result	Limit	Verdict
	2412	Refer test plot	Refer test plot	Pass
802.11b	2462	Refer test plot	Refer test plot	Pass
	2412	Refer test plot	Refer test plot	Pass
802.11g	2462	Refer test plot	Refer test plot	Pass
	2412	Refer test plot	Refer test plot	Pass
802.11n20	2462	Refer test plot	Refer test plot	Pass
	2422	Refer test plot	Refer test plot	Pass
802.11n40	2452	Refer test plot	Refer test plot	Pass

### 3.5.4 100 kHz Bandwidth of Frequency Band Edge

### 3.5.5 Duty Cycle

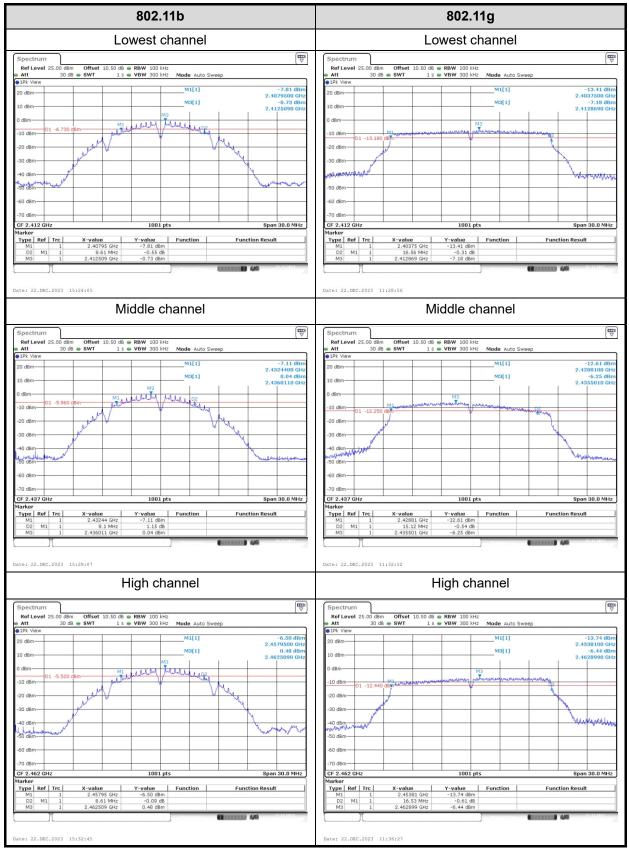
Test Mode	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T	VBW setting* [Hz]
802.11b	2437	100	100	100.00	/	10
802.11g	2437	100	100	100.00	/	10
802.11n20	2437	100	100	100.00	/	10
802.11n40	2437	100	100	100.00	/	10

Note\*: Radiated emission test with average value, the Spectrum analyzer VBW setting information.

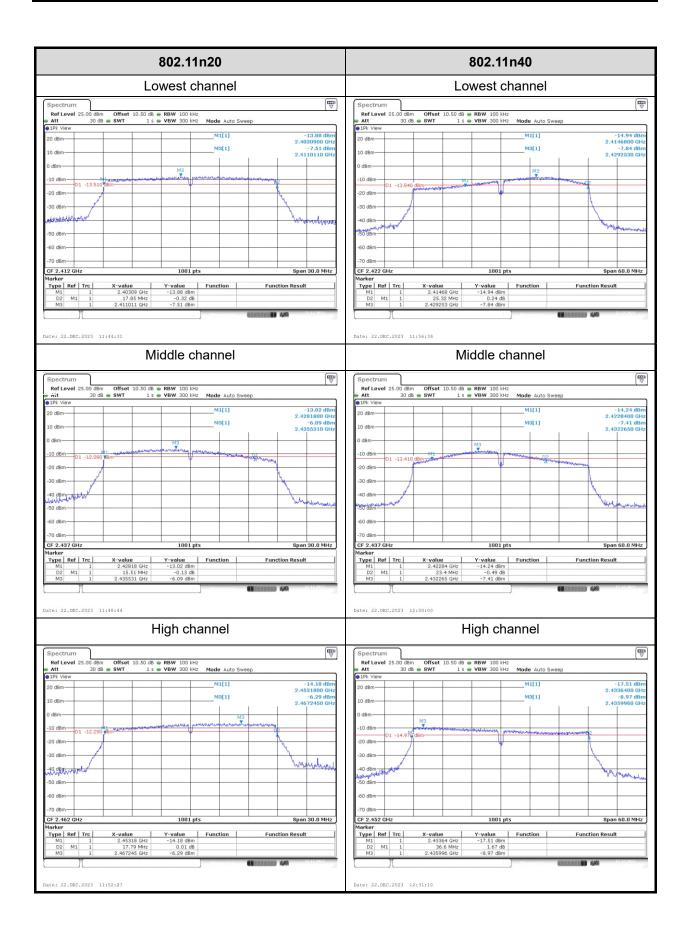


### Test Plots:

#### 6 dB Emission Bandwidth:

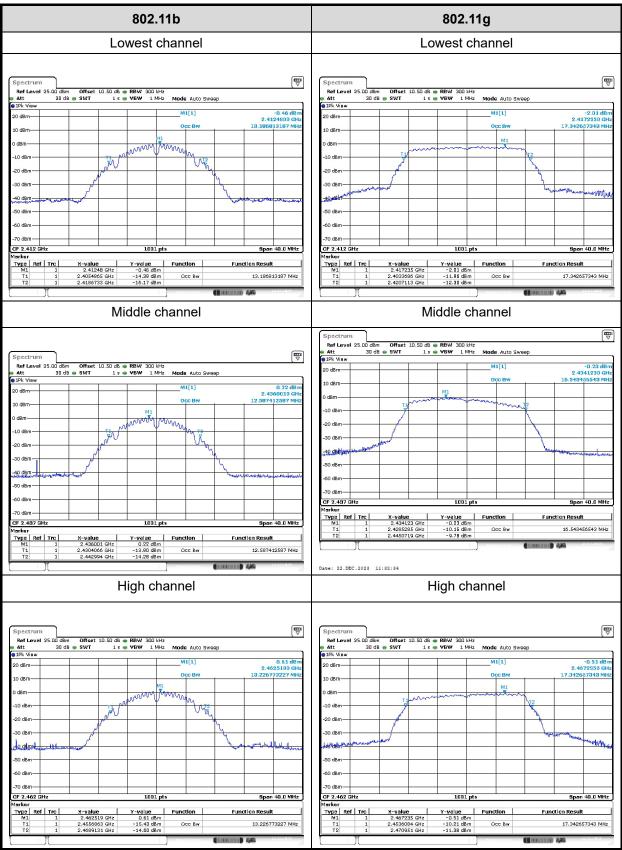




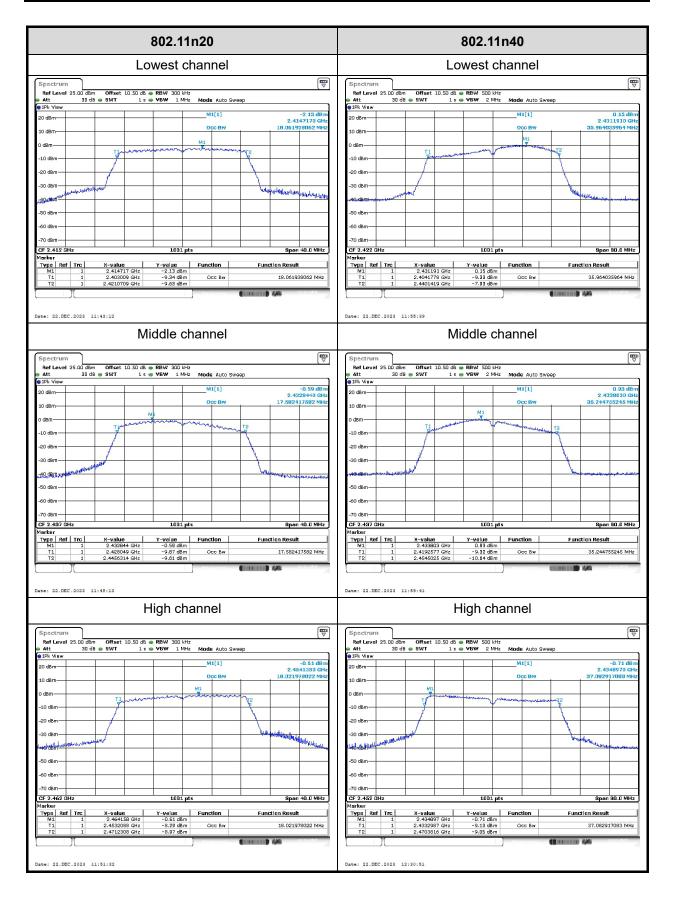




#### 99% Occupied Bandwidth:

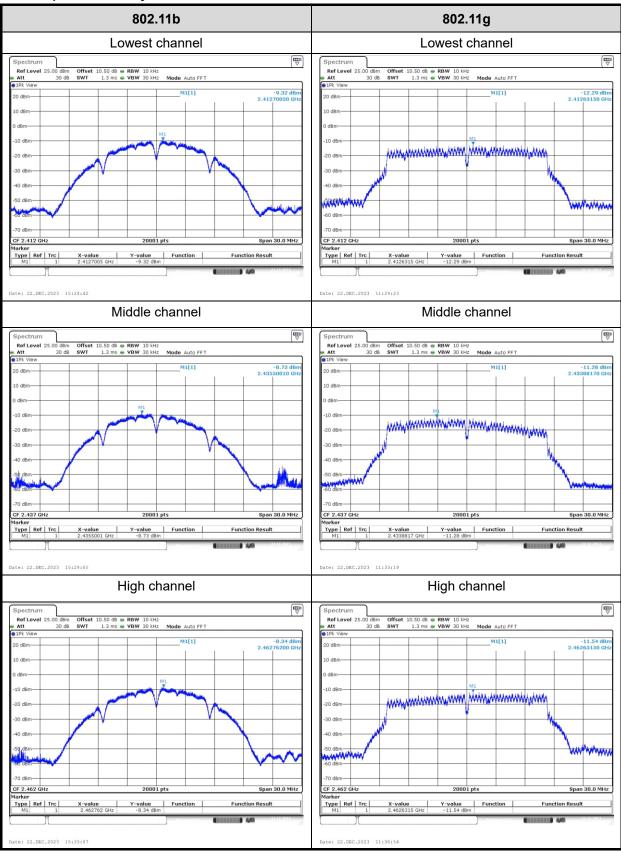




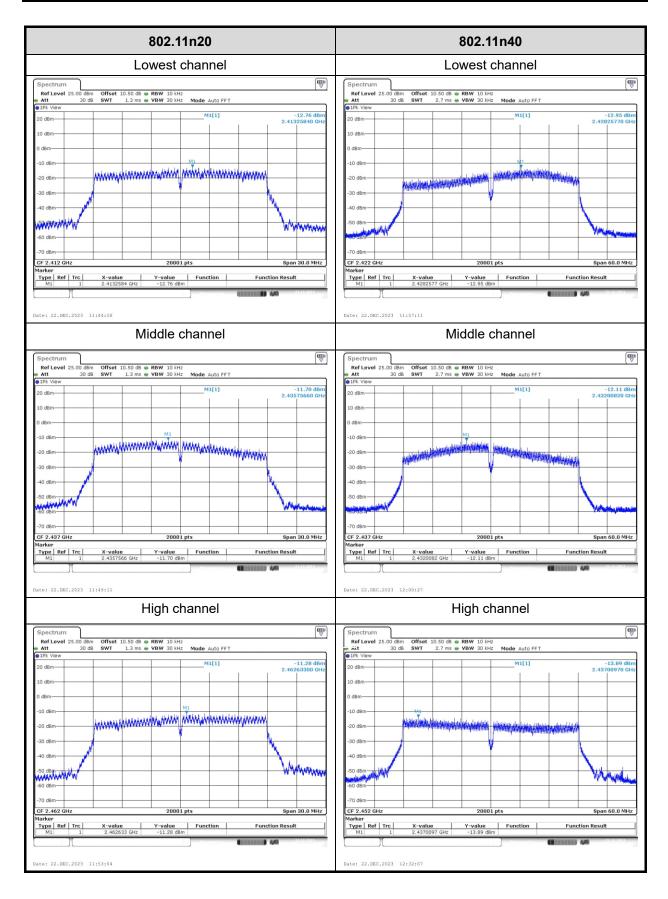




### Power Spectral Density:

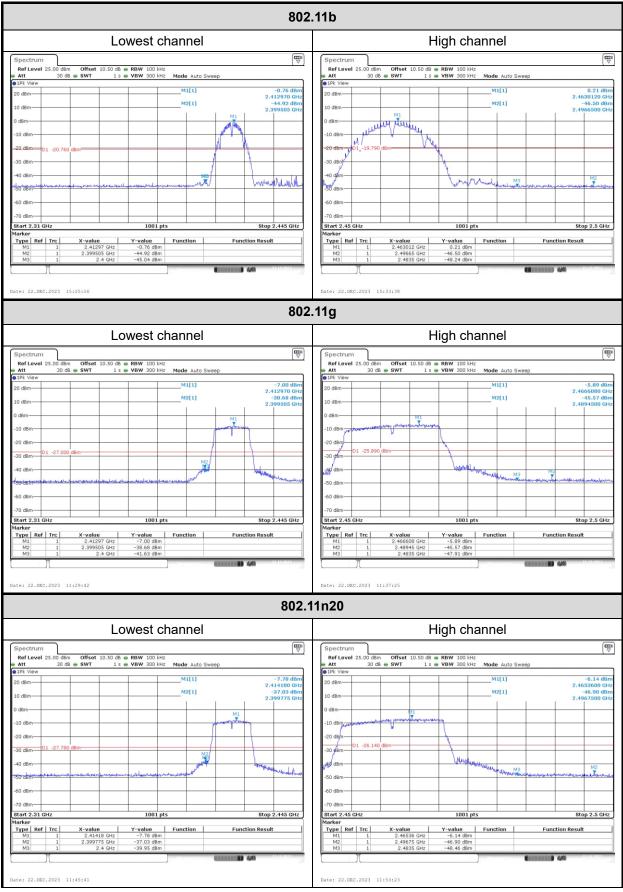








#### 100kHz Bandwidth of Frequency Band Edge:





	owest chanr			High ch	onnol	
LC	Swest chann		nigh cha	annei		
pectrum			Spectrum			ſ
Ref Level 25.00 dBm Offset 10.50 dB		and the second		t 10.50 dB 🖷 RBW 100 kHz		
Att 30 dB	VBW 300 kHz Mode	Auto Sweep	Att 30 dB      SWT	1 s \cdots VBW 300 kHz	Mode Auto Swe	зер
0 dBm	M1				M1[1]	-9.22 dt
o dain	M2	2.428070 GH 1] -43.17 dBn	2		M2[1]	2.4380070 G -45.90 dt
0 dBm	mz	2.399505 GH			matil	2.4840400 G
dBm			0 dBm			
		M1	M1			
LO dBm		autores and many and and and and and	-10 dBanna southermore southermore out	and human characterian	upug-s Ministry	
20 dBm			-20 dBm	W		
0 dBm 01 -28.150 dBm			-30 dBm 01 -29.220 dBm		N N	
o obii			Sy dom		X	
40 dBm		www.	W40 dBm		and the start	When we have a second and the second
iligikun aathemalana harataka destaka	al the second and the second	when the second s	-50 dBm			"Alexel and the ship and we are the section of the
50 dBm			-60 d8m			
SU dBm			-60 dBm-			
70 dBm			-70 dBm			
tart 2.31 GHz	1001 pts	Stop 2.445 GHz	Start 2.43 GHz	1001 pt	s	Stop 2.5 G
arker Type   Ref   Trc   X-value	Y-value Functi	n Function Result	Marker Type Ref Trc X-valu	ue Y-value	Function	Function Result
M1 1 2.42807 GHz	-8.15 dBm	Punction Result	M1 1 2.438	007 GHz -9.22 dBm	Function	Function Result
	-43.17 dBm			404 GHz -45.90 dBm		
M1 1 2.42807 GHz M2 1 2.399505 GHz M3 1 2.4 GHz	-46.08 dBm		M3 1 2.4	835 GHz -47.74 dBm		



### Duty Cycle:

	802.11b			802.11g	
pectrum			Spectrum		(r
	0 dB 🖶 RBW 10 MHz			et 10.50 dB 🖷 RBW 10 MHz	
Att 30 dB 👳 SWT 100 GGL	0 ms 👄 VBW 10 MHz		Att 30 dB SW SGL	100 ms 🖷 VBW 10 MHz	
1Rm Clrw			9 1Rm Clrw		
0 dBm	M1[1]	7.54 dBm 90.8000 ms	20 dBm	M1[1]	5.15 dB 30.1750 r
0 dBm	D3[1]	M1 0.00 dB 0 1000000 s	10 dBm	D3[1]	0.00
		Length Country of Coun			0.00000
dBm			0 dBm		
0 dBm 01 -12.461 dBm			-10 dBm 01 -14.851 dBm		
0 dBm			-20 dBm		
0.40m			20 40 -		
0 dBm			-30 dBm-		
0 dBm			-40 dBm		
0 dBm			-50 dBm		
) dBm			-60 dBm		
0 dBm			-70 dBm		
2.437 GHz rker	8001 pts	10.0 ms/	CF 2.437 GHz Marker	8001 pts	10.0 m
vpe Ref Trc X-value	Y-value Function	Function Result	Type Ref Trc X-ve	alue Y-value Function	Function Result
M1 1 90.8 m D3 M1 1 0.0			M1 1 D3 M1 1	30.175 ms 5.15 dBm 0.0 s 0.00 dB	
1 0.0	s 0.00 dB			0.0 \$ 0.00 08	
e: 22.DEC.2023 15:26:19	802.11n20		Date: 22.DEC.2023 11:31:05	802.11n40	
	802.11n20			802.11n40	
re: 22.DEC.2023 15:26:19		(m) V	Spectrum		(
pectrum Ref Level 25.00 dBm Offset 10.51	802.11n20	( <del>m</del> <sub>♥</sub> )	Spectrum	et 10.50 dB 👄 RBW 10 MHz	(
pectrum Ref Lavel 25.00 dBm Offset 10.51 Att 30 dB ● SWT 100 GL	0 dB 🖷 <b>RBW</b> 10 MHz	( <del>m</del> )	Spectrum Ref Level 25.00 dBm Offs Att 30 dB SW SGL	et 10.50 dB 👄 RBW 10 MHz	(
pectrum Ref Lavel 25.00 dBm Offset 10.5 Att 30 dB ● SWT 100 GL	0 dB ● RBW 10 MHz 0 ms ● VBW 10 MHz	(₩) 5.01 dBm	Spectrum Ref Level 25.00 dBm Offi Att 30 dB # SW SGL #1Rm Chw	et 10.50 dB <b>● RBW</b> 10 MHz f 100 ms <b>● VBW</b> 10 MHz	
pectrum Ref Lavel 25.00 dBm Offset 10.5 Att 30 dB ● SWT 100 GL	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 d8m 600.0 µs	Spectrum Ref Level 25.00 dBm Offs Att 30 dB SW SGL	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3.83 d 11.2625
pectrum	0 dB ● RBW 10 MHz 0 ms ● VBW 10 MHz	5.01 dBm	Spectrum Ref Level 25.00 dBm Offi Att 30 dB # SW SGL #18m Chw	et 10.50 dB <b>● RBW</b> 10 MHz f 100 ms <b>● VBW</b> 10 MHz	3,83 11,2625 0.00
Destrum         Offset 10.5           Ref Lavel 25.00 dBm         Offset 10.5           30 dB • SWT         100           GL         30 dB • SWT           Rm Cirw	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offi           Att         30 dB         SW           SGL         SIL         SIL           1Pm Chw         20 dBm         SIL	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 11,2625 0.00
Dectrum         Offset 10.5           Set Level 25.00 dBm         Offset 10.5           30 dB • SWT         100           Bm         0           dBm         0           dBm         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offi           Att         30 dB         SW           SGL         20 dBm         Intervention           10 dBm         Intervention         Intervention           0 dBm         Intervention         Intervention	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3.83 11.2625 0.00
Pectrum         Offset 10.5           Ref Level 25.00 dBm         Offset 10.5           30 dB         SWT         100           JBm Cirw         0         0           dBm         0         0           0 dB         0         0           0 dB         0         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offi           Att         30 dB         SW           SGL         30 dB         SW           1Pm Chw         20 dBm         10 dBm           10 dBm         10 dBm         10 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 11,2625 0.00
Pectrum         Offset 10.5           Ref Level 25.00 dBm         Offset 10.5           30 dB         SWT         100           JBm Cirw         0         0           dBm         0         0           0 dB         0         0           0 dB         0         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum         off           Ref Level 25.00 dBm         off           Att         30 dB         SW           SGL         SGL         SGL           0 dBm         10 dBm         10 dBm           -10 dBm         -10 dBm         -10 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 11,2625 0.00
Dectrum         Offset 10.5           Set Level 25.00 dBm         Offset 10.5           30 dB • SWT         100           Bm Cirw         0           dBm         0           dBm         0           0 dB         0           0 dBm         0           0 dBm         0           0 dBm         0           0 dBm         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offi           Att         30 dB         SW           SGL         30 dB         SW           1Pm Chw         20 dBm         10 dBm           10 dBm         10 dBm         10 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 d 11.2625 0.00
Dectrum         Offset 10.5           Staf Lavel 25.00 dBm         Offset 10.5           30 dB         SWT         100           Bm         0         0           dBm         0         0           dBm         0         0           0 dB         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         1-14.988           0 dBm         0         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offi           Att         30 dB         SW           SGL         30 dB         SW           PPm Chw         20 dBm         10 dBm         10 dBm           -10 dBm         01         -16.174 dBm         10 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 11,2625 0.00
Dectrum         Offset 10.51           Staf Lavel 25.00 dBm         Offset 10.51           30 dB • SWT         100           Bm         0           dBm         0           dBm         0           0 dB         0           0 dBm         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offs           Att         30 dB         SW           SGL         30 dB         SW           JPm Cirw         20 dBm         10 dBm           10 dBm         01         -10.174 dBm           -20 dBm         -10 dBm         -10 dBm           -30 dBm         -40 dBm         -10 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 d 11.2625 0.00
Pectrum         Offset 10.5           Ref Level 25.00 dBm         Offset 10.5           30 dB         SWT         100           Bm Cirw         0         0           dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offi           Att         30 dB         SW           SGL         30 dB         SW           PPm Chw         20 dBm         10 dBm         11 dBm           10 dBm         01 -16.174 dBm         -20 dBm         -30 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 11,2625 0.00
Pectrum         Offset 10.5           Ref Level 25.00 dBm         Offset 10.5           30 dB         SWT         100           Bm Cirw         0         0           dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0           0 dBm         0         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offs           Att         30 dB         SW           SGL         30 dB         SW           JPm Cirw         20 dBm         10 dBm           10 dBm         01         -10.174 dBm           -20 dBm         -10 dBm         -10 dBm           -30 dBm         -40 dBm         -10 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 d 11.2625 0.00
Dectrum         Offset 10.5           Ref Level 25.00 dBm         Offset 10.5           30 dB         SWT         100           IBm Chw         0         0           0 dBm         0         0	0 dB • RBW 10 MHz ms • VBW 10 MHz 	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offi           Att         30 dB         SW           SGL         30 dB         SW           P/Pm Chw         20 dBm         10 dBm           10 dBm         10 dBm         10 dBm           -20 dBm         01 -16.174 dBm         -30 dBm           -30 dBm         -50 dBm         -50 dBm	et 10.50 dB @ RBW 10 MHz f 100 ms @ VBW 10 MHz M1[1]	3,83 d 11.2625 0.00
pectrum         Offset 10.5           Ref Lavel 25.00 dBm         Offset 10.5           30 dB • SWT         100           IBm Cirw         0           0 dBm         0           0.0 dBm         0           0.1 -14.988 dBm         0           0.0 dBm         0	0 dB • RBW 10 MHz ms • VBW 10 MHz	5.01 dBm 600.0 µs 0.00 dB	Spectrum           Ref Level 25.00 dBm         Offs           Att         30 dB         SW           SGL         30 dB         SW           P/Pm Chw         20 dBm         10 dBm           10 dBm         10 dBm         10 dBm           -10 dBm         01 -16.174 dBm         -30 dBm           -30 dBm         -50 dBm         -50 dBm	et 10.50 dB	3.89 4 11.2625 0.00 0.000000
Pectrum         Offset 10.5           Ref Level 25.00 dBm         Offset 10.5           30 dB • SWT         100           IBm Clrw         0           0 dBm         0	0 dB • RBW 10 MH2 ms • VBW 10 MH2 M1[1] D3[1] 0 d1 0 d1	35.01.dbm 600.0 ps 0.00.05 0.0000005	Spectrum           Ref Lovel 25.00 dBm         Off.           Att         30 dB         SW           SGL         30 dB         SW           1Pm Chw         20 dBm         10 dBm         11           0 dBm         11         10 dBm         11           0 dBm         11         10 dBm         11           -10 dBm         11         10         10           -20 dBm         01         -10.174 dBm         10           -30 dBm         -10         -10         174 dBm           -30 dBm         -10         -10         -10           -30 dBm         -10         -10         -10         -10           -30 dBm         -10         -10         -10         -10         -10           -30 dBm         -10         -	et 10.50 dB	3.89 d 11.2625 0.00 0.000000
Ipectrum         Offset 10.5           Ref Lavel 25.00 dBm         Offset 10.5           Att         30 dB • SWT         100           IBm Clrw         0         0           00 dBm	0 d8 = RBW 10 MH2 ms = VBW 10 MH2 	5 01 dbm 600 0 ps 0.00 db 0.0000000 s	Spectrum           Ref Level 25.00 dBm         Off:           Att         30 dB         SW           SGL         IP:n Clrw         20 dBm           10 dBm         11         0 dBm           -10 dBm         01         -16.174 dBm           -30 dBm         -30 dBm         -40 dBm           -40 dBm         -50 dBm         -60 dBm           -60 dBm         -70 dBm         -70 dBm           -70 dBm         -70 dBm         -70 dBm           -70 dBm         -70 dBm         -70 dBm	et 10.50 d8 = RBW 10 MHz F 100 ms = VBW 10 MHz M1[1] D3	3.89 4 11.2625 0.00 0.000000
Spectrum         Offset 10.5           Ref Level 25.00 dBm         Offset 10.5           30 dB • SWT         100           IBm Chw         00           0 dBm         0           00 dBm         00           00 dBm         01           01 dBm         01           02 dBm         01           04 dBm         01	0 dB • RBW 10 MHz ms • VBW 10 MHz ms • VBW 10 MHz  M1[1] D0[1]  B001pts B001pts Function Function Function	35.01.dbm 600.0 ps 0.00.05 0.0000005	Spectrum           Ref Level 25.00 dBm         Off:           Att         30 dB         SW           SGL         IP:n Clrw         20 dBm           10 dBm         11         0 dBm           -10 dBm         01         -16.174 dBm           -30 dBm         -30 dBm         -40 dBm           -40 dBm         -50 dBm         -60 dBm           -60 dBm         -70 dBm         -70 dBm           -70 dBm         -70 dBm         -70 dBm           -70 dBm         -70 dBm         -70 dBm	et 10.50 dB	3.89 d 11.2625 0.00 0.000000
ipectrum         Offset 10.51           Ref Level 25.00 dBm         Offset 10.51           Att         30 dB @ SWT         100           IBm Cirw         0         0           0 dBm         0         1-14.968 dBm           00 dBm         0         0           00 dBm         0         1           00 dBm         0         0           00 dBm         0         0	0 dB • RBW 10 MHz ms • VBW 10 MHz ms • VBW 10 MHz  M1[1] D3[1] B01] B001]pts Function s 50.0 dBm Function	35.01.dbm 600.0 ps 0.00.05 0.0000005	Spectrum           Ref Lavel 25.00 dBm         Offs           Att         30 dB         SW           ScL         30 dBm         10 dBm           10 dBm         11         10 dBm           -10 dBm         11         10 dBm           -20 dBm         11         11           -30 dBm         11         11           -40 dBm         -10.174 dBm         -10.174 dBm           -50 dBm         -60 dBm         -60 dBm           -70 dBm         -70 dBm         -70 dBm           -70 dBm         -70 dBm         -70 dBm           -70 dBm         -70 dBm         -70 dBm	et 10.50 dB	3.83 df 11.7625 0.00 0.000000 0.000000 0.000000 0.000000



## 4 Test Setup Photo

Please refer to the attachment RWAZ202300129 Test Setup photo.

## 5 E.U.T Photo

Please refer to the attachment RWAZ202300129 External photo and RWAZ202300129 Internal photo.

---End of Report---