



FCC AND ISCED CERTIFICATION TEST REPORT

Applicant	:	Ruijie Networks Co., Ltd.
Address of Applicant	:	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China
Manufacturer	:	Ruijie Networks Co., Ltd.
Address of Manufacturer	:	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China
Equipment under Test	:	Wireless Access Point
Model No.	:	RG-RAP73Pro
FCC ID	:	2AX5J-RAP73PRO
IC	:	27676-RAP73PRO
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart E, RSS- 248 Issue 2 December 20, 2022. ANSI C63.10:2013, 789033 D02 General U-NII Test Procedures New Rules v02r01, 987594 D02 U-NII 6GHz EMC Measurement v01r01, 662911 D01 Multiple Transmitter Output v02r01, RSS-Gen Issue 5 April 2018 Amendment 2 (February 2021)
Report No.	:	DDT-RE24032709-1E04
Issue Date	:	2024/06/15
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

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Equipment under Test	:	Wireless Access Point
Model No.	:	RG-RAP73Pro
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Test Standard Used:

FCC Rules and Regulations Part 15 Subpart E, RSS-248 Issue 2 December 20, 2022.

Test procedure used: ANSI C63.10:2013, 789033 D02 General U-NII Test Procedures New Rules v02r01, 987594 D02 U-NII 6GHz EMC Measurement v01r01, 662911 D01 Multiple Transmitter Output v02r01, RSS-Gen Issue 5 April 2018 Amendment 2 (February 2021)

We Declare:

The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE24032709-1E04		
Date of Receipt:	2024/04/01	Date of Test:	2024/04/01~2024/06/15

Prepared By:

Tiger Mo/Engineer**Approved By:**

Damon Hu/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	2024/06/15	

1. Summary of Test Results

The EUT have been tested according to the applicable standards as referenced below.		
Description of Test Item	Standard	Results
6/26db Bandwidth and 99% Bandwidth	15.407(a)(10) RSS-248 Clause 4.4 RSS-GEN Clause 6.7	PASS
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	FCC 15.407 (a) RSS-248 Clause 4.5	PASS
Maximum Power Spectral Density	FCC 15.407 (a) RSS-248 Clause 4.5	PASS
In-band Emission	15.407(b)(6) RSS-248 Clause 4.6	PASS
Contention Based Protocol	15.407(d)(6) RSS-248 Clause 4.7	PASS
Frequency Stability Measurement	FCC 15.407 (g) RSS-GEN Clause 8.11	PASS
Unwanted Emissions	FCC 15.407 (b) FCC 15.209 FCC 15.205 RSS-248 Clause 4.6 RSS-GEN Clause 8.9 RSS-GEN Clause 8.10	PASS
Power Line Conducted Emission	FCC 15.207 RSS-GEN Clause 8.8	PASS
Antenna requirement	FCC 15.203 RSS-GEN Clause 6.8	PASS

2. General Test Information

2.1. Description of EUT

EUT Name	: Wireless Access Point
Model Number	: RG-RAP73Pro
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 54V 0.55A is powered by an external adapter or PoE 54V DC

Note: This EUT support 2.4 GHz WLAN, 5 GHz WLAN, 6 GHz WLAN, this report only for 6 GHz WLAN.

Radio Technology	: IEEE 802.11ax/be
Operation frequency	: U-NII-5: 5925 MHz ~ 6425 MHz U-NII-6: 6425 MHz ~ 6525 MHz U-NII-7: 6525 MHz ~ 6875 MHz U-NII-8: 6875 MHz ~ 7125 MHz
Modulation	: IEEE 802.11ax: OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be: OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)

Antenna information				
Antenna Type	PIFA			
		Ant1 Gain	Ant2 Gain	Ant3 Gain
Max Antenna Gain (dBi)	U-NII-5 Maximum PK gain(dBi)	6.99	6.99	6.99
	U-NII-6 Maximum PK gain(dBi)	6.99	6.99	6.99
	U-NII-7 Maximum PK gain(dBi)	6.99	6.99	6.99
	U-NII-8 Maximum PK gain(dBi)	6.99	6.99	6.99
	U-NII-8 Maximum PK gain(dBi)	6.99	6.99	6.99

Channel information									
IEEE 802.11ax (HE20) IEEE 802.11be(EHT20)		IEEE 802.11ax (HE40) IEEE 802.11be (EHT40)		IEEE 802.11ax (HE80) IEEE 802.11be (EHT80)		IEEE 802.11ax (HE160) IEEE 802.11be (EHT160)		IEEE 802.11be (EHT320)	
UNII-5									
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
1	5955	3	5965	7	5985	15	6025	31	6105
5	5975	11	6005	23	6065	47	6185	63	6265
9	5995	19	6045	39	6145	79	6345	95	6425
13	6015	27	6085	55	6225	/	/	/	/
17	6035	35	6125	71	6305	/	/	/	/
21	6055	43	6165	87	6385	/	/	/	/
25	6075	51	6205	/	/	/	/	/	/
29	6095	59	6245	/	/	/	/	/	/
33	6115	67	6285	/	/	/	/	/	/

37	6135	75	6325	/	/	/	/	/	/
41	6155	83	6365	/	/	/	/	/	/
45	6175	91	6405	/	/	/	/	/	/
49	6195	/	/	/	/	/	/	/	/
53	6215	/	/	/	/	/	/	/	/
57	6235	/	/	/	/	/	/	/	/
61	6255	/	/	/	/	/	/	/	/
65	6275	/	/	/	/	/	/	/	/
69	6295	/	/	/	/	/	/	/	/
73	6315	/	/	/	/	/	/	/	/
77	6335	/	/	/	/	/	/	/	/
81	6355	/	/	/	/	/	/	/	/
85	6375	/	/	/	/	/	/	/	/
89	6395	/	/	/	/	/	/	/	/
93	6415	/	/	/	/	/	/	/	/
UNII-6									
97	6435	99	6445	103	6465	111	6505 (Straddle)	127	6585 (Straddle)
101	6455	107	6485	119	6545 (Straddle)	/	/	/	/
105	6475	115	6525 (Straddle)	/	/	/	/	/	/
109	6495	/	/	/	/	/	/	/	/
113	6515	/	/	/	/	/	/	/	/
UNII-7									
117	6535	123	6565	135	6625	143	6665	159	6745
121	6555	131	6605	151	6705	175	6825 (Straddle)	/	/
125	6575	139	6645	167	6785	/	/	/	/
129	6595	147	6685	183	6865 (Straddle)	/	/	/	/
133	6615	155	6725	/	/	/	/	/	/
137	6635	163	6765	/	/	/	/	/	/
141	6655	171	6805	/	/	/	/	/	/
145	6675	179	6845	/	/	/	/	/	/
149	6695	187	6885 (Straddle)	/	/	/	/	/	/
153	6715	/	/	/	/	/	/	/	/
157	6735	/	/	/	/	/	/	/	/
161	6755	/	/	/	/	/	/	/	/
165	6775	/	/	/	/	/	/	/	/
169	6795	/	/	/	/	/	/	/	/
173	6815	/	/	/	/	/	/	/	/
177	6835	/	/	/	/	/	/	/	/
181	6855	/	/	/	/	/	/	/	/
185	6875 (Straddle)	/	/	/	/	/	/	/	/
UNII-8									
189	6895	195	6925	199	6945	207	6985	191	6905
193	6915	203	6965	215	7025	/	/	/	/
197	6935	211	7005	/	/	/	/	/	/

201	6955	219	7045	/	/	/	/	/	/
205	6975	227	7085	/	/	/	/	/	/
209	6995	/	/	/	/	/	/	/	/
213	7015	/	/	/	/	/	/	/	/
217	7035	/	/	/	/	/	/	/	/
221	7055	/	/	/	/	/	/	/	/
225	7075	/	/	/	/	/	/	/	/
229	7095	/	/	/	/	/	/	/	/
233	7115	/	/	/	/	/	/	/	/

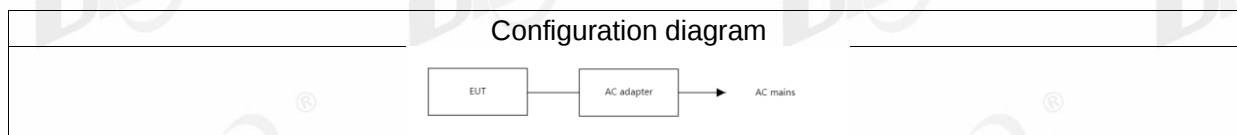
Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

“☑” means to be chosen or applicable; “☐” means don't to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
Power Adapter	Xiamen keli Electronics Co., Ltd	KL-D54011-T	INPUT:100-240V~ 50/60Hz 1.5A MAX OUTPUT:DC 54.0V/1.11A 60.0W

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:

Test software:QATool_20230105C.exe

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table.

The pathloss of external cable: 2 dB (According to the manufacturer's claims)

Tested mode, channel, and data rate information						
Mode	Setting Tx Power Level			data rate (Mbps) (see Note)	Channel	Frequency (MHz)
	ANT1	ANT2	ANT3			
IEEE 802.11ax HE20		4		MCS 0	1	5955
		4		MCS 0	45	6175
		4		MCS 0	93	6415
		4		MCS 0	97	6435
		4		MCS 0	105	6475
		4		MCS 0	113	6515

IEEE 802.11ax HE40	4	MCS 0	117	6535
	4	MCS 0	149	6695
	4	MCS 0	181	6855
	4	MCS 0	185	6875 (Straddle)
	4	MCS 0	189	6895
	4	MCS 0	209	6995
	-15	MCS 0	233	7115
	7	MCS 0	3	5965
	7	MCS 0	43	6165
	7	MCS 0	91	6405
	7	MCS 0	99	6445
	7	MCS 0	107	6485
	7	MCS 0	115	6525 (Straddle)
	7	MCS 0	123	6565
	7	MCS 0	147	6685
	7	MCS 0	179	6845
	7	MCS 0	187	6885 (Straddle)
IEEE 802.11ax HE80	7	MCS 0	195	6925
	7	MCS 0	203	6965
	7	MCS 0	227	7085
	10	MCS 0	7	5985
	10	MCS 0	39	6145
	10	MCS 0	87	6385
	10	MCS 0	103	6465
	10	MCS 0	119	6545 (Straddle)
	10	MCS 0	135	6625
	10	MCS 0	151	6705
	10	MCS 0	167	6785
	10	MCS 0	183	6865 (Straddle)
IEEE 802.11ax HE160	10	MCS 0	199	6945
	10	MCS 0	215	7025
	13	MCS 0	15	6025
	13	MCS 0	47	6185
	13	MCS 0	79	6345
	13	MCS 0	111	6505
	13	MCS 0	143	6665
IEEE 802.11be EHT20	13	MCS 0	175	6825 (Straddle)
	13	MCS 0	207	6985
	4	MCS 0	1	5955
	4	MCS 0	45	6175
	4	MCS 0	93	6415
	4	MCS 0	97	6435
	4	MCS 0	105	6475
	4	MCS 0	113	6515
	4	MCS 0	117	6535
	4	MCS 0	149	6695

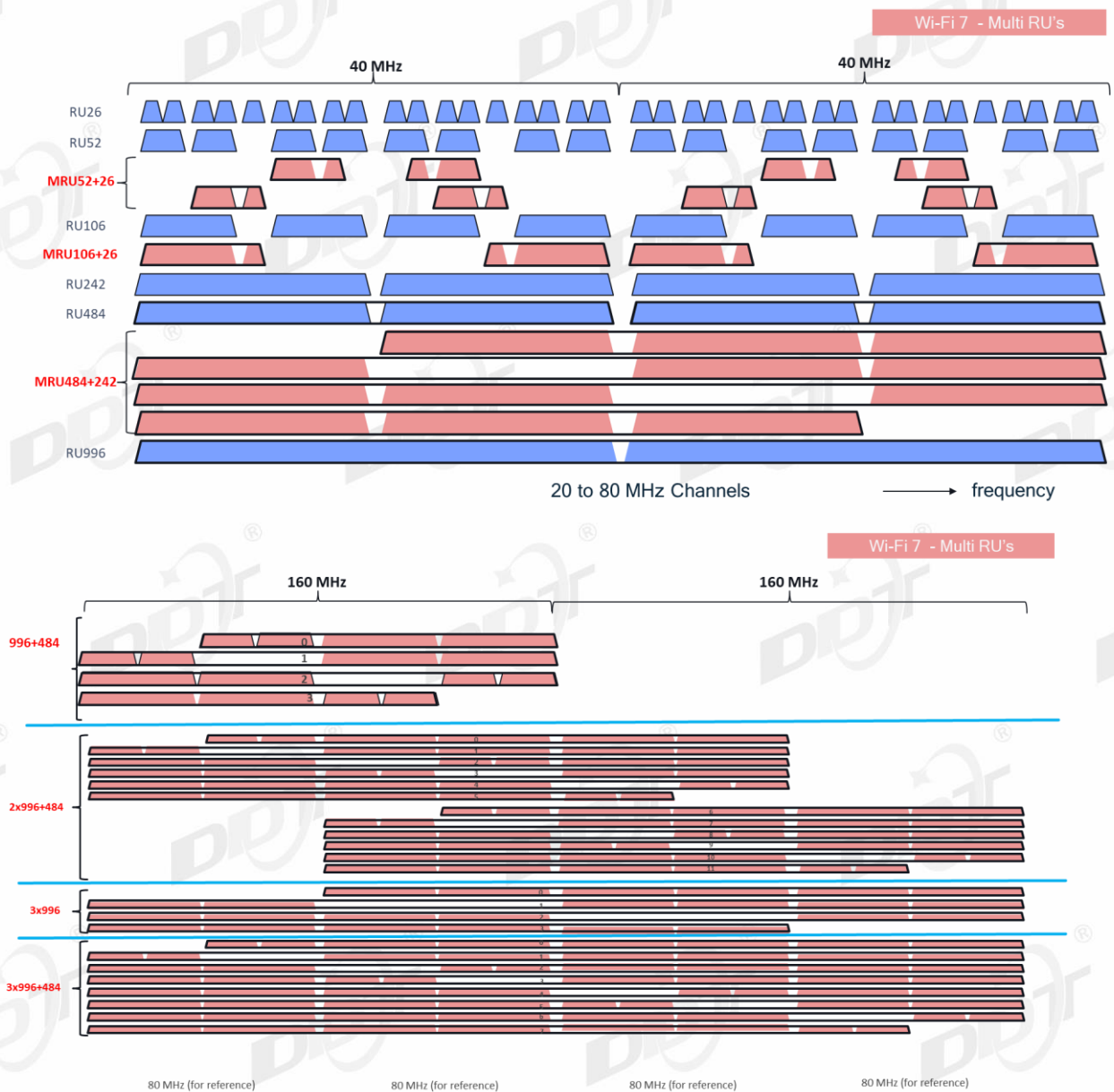
	4	MCS 0	181	6855
	4	MCS 0	185	6875 (Straddle)
	4	MCS 0	189	6895
	4	MCS 0	209	6995
	-15	MCS 0	233	7115
IEEE 802.11be EHT40	7	MCS 0	3	5965
	7	MCS 0	43	6165
	7	MCS 0	91	6405
	7	MCS 0	99	6445
	7	MCS 0	107	6485
	7	MCS 0	115	6525 (Straddle)
	7	MCS 0	123	6565
	7	MCS 0	147	6685
	7	MCS 0	179	6845
	7	MCS 0	187	6885 (Straddle)
	7	MCS 0	195	6925
	7	MCS 0	203	6965
	7	MCS 0	227	7085
IEEE 802.11be EHT80	10	MCS 0	7	5985
	10	MCS 0	39	6145
	10	MCS 0	87	6385
	10	MCS 0	103	6465
	10	MCS 0	119	6545 (Straddle)
	10	MCS 0	135	6625
	10	MCS 0	151	6705
	10	MCS 0	167	6785
	10	MCS 0	183	6865 (Straddle)
	10	MCS 0	199	6945
	10	MCS 0	215	7025
IEEE 802.11be EHT160	13	MCS 0	15	6025
	13	MCS 0	47	6185
	13	MCS 0	79	6345
	13	MCS 0	111	6505
	13	MCS 0	143	6665
	13	MCS 0	175	6825 (Straddle)
	13	MCS 0	207	6985
IEEE 802.11be EHT320	16	MCS 0	31	6105
	16	MCS 0	63	6265
	16	MCS 0	95	6425
	16	MCS 0	127	6585
	16	MCS 0	159	6745
	16	MCS 0	191	6905

Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

Note:

1. For 802.11ax/be 20/40/80/160/320MHz and 802.11be EHT20EHT40/ EHT80/ EHT160/

- EHT320MHz mode, the whole testing has assessed only the worst case refer to output power.
- For WLAN SISO & MMO mode, the whole testing has assessed only MIMO mode by referring to the higher normal conducted power.
 - UNI-5/-6/-7/-8 can't transmit simultaneously.
 - 802.11 ax only support full RU mode
 - 802.11be support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH), small size RU, Large size RU and Puncturing modes are tested for conducted power/PSD, the Channel Mask/RSE/ Bandwidth Emission test for full RU only.
 - 802.11be support small size RU, Large size RU and Puncturing modes as below:



2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	+15°C to +35 °C
Humidity range:	20% to 75%
Pressure range:	86 kPa to 106 kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20155, G-20118

2.8. Measurement uncertainty

Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Frequencies Stability	6.7×10^{-8} (Antenna couple method)
	5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.40 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
	1.66 dB ($8 \text{ GHz} \leq f < 26.5 \text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB

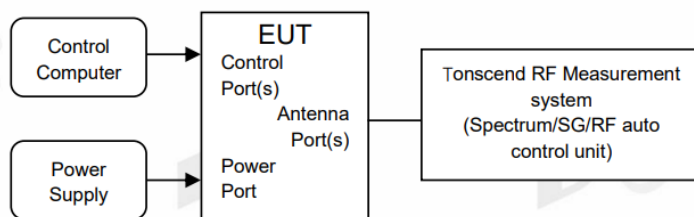
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz)
	4.40 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☑RF Connected Test (RF Measurement System 4#)				
Signal &Spectrum Analyzer	R&S	FSV3044	101173	2025/03/31
Wideband Radio Communication Tester	R&S	CMW500	168801	2025/03/31
MXG Vector Signal Generator	Agilent	N5182A	MY48180737	2025/03/31
PSG Vector Signal Generator	Agilent	E8267D	US49060192	2024/09/05
RF Control Unit	Tonsend	JS0806-2	21I8060485	2025/03/31
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2024/05/14 2025/04/22
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A

4. 26dB Bandwidth

4.1. Block diagram of test setup



4.2. Limits

FCC Part15, Subpart E/ RSS-248		
Test Item	Limit	Frequency Range (MHz)
26 dB Bandwidth	---	5955- 6415
	---	6435- 6515
	---	6535- 6875
	---	6895- 7115

4.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
RBW	approximately 1% of the emission bandwidth.
VBW	> RBW
Detector	Peak
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize, 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 26 dB relative to the maximum level measured in the fundamental emission.

4.4. Test Result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.5℃,48.2%RH	Test Date:	2024.04.16
Test Power Supply:	AC 120V/60Hz	Sample Number:	S24032709-002

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AX20MIMO	Ant1	5955	19.92	5945.04	5964.96	---	---
	Ant2	5955	19.84	5945.08	5964.92	---	---
	Ant3	5955	19.84	5945.08	5964.92	---	---
	Ant1	6175	19.92	6165.00	6184.92	---	---
	Ant2	6175	19.84	6165.04	6184.88	---	---
	Ant3	6175	19.84	6165.08	6184.92	---	---
	Ant1	6415	19.88	6405.04	6424.92	---	---
	Ant2	6415	19.84	6405.04	6424.88	---	---
	Ant3	6415	19.88	6405.04	6424.92	---	---
	Ant1	6435	19.84	6425.04	6444.88	---	---
	Ant2	6435	19.80	6425.08	6444.88	---	---
	Ant3	6435	19.80	6425.12	6444.92	---	---
	Ant1	6475	19.88	6465.04	6484.92	---	---
	Ant2	6475	19.88	6465.04	6484.92	---	---
	Ant3	6475	19.84	6465.04	6484.88	---	---
	Ant1	6515	19.88	6505.04	6524.92	---	---
	Ant2	6515	19.88	6505.04	6524.92	---	---
	Ant3	6515	19.92	6505.00	6524.92	---	---
	Ant1	6535	19.92	6525.00	6544.92	---	---
	Ant2	6535	19.84	6525.04	6544.88	---	---
	Ant3	6535	19.88	6525.04	6544.92	---	---
	Ant1	6695	19.88	6685.04	6704.92	---	---
	Ant2	6695	19.88	6685.04	6704.92	---	---
	Ant3	6695	19.92	6685.04	6704.96	---	---
	Ant1	6855	19.92	6845.04	6864.96	---	---
	Ant2	6855	19.96	6845.00	6864.96	---	---
	Ant3	6855	19.88	6845.04	6864.92	---	---
	Ant1	6875	19.88	6865.04	6884.92	---	---
	Ant2	6875	19.92	6865.04	6884.96	---	---
	Ant3	6875	19.88	6865.08	6884.96	---	---
	Ant1	6895	19.88	6885.04	6904.92	---	---
	Ant2	6895	19.88	6885.04	6904.92	---	---
	Ant3	6895	19.88	6885.04	6904.92	---	---
	Ant1	6995	19.88	6985.04	7004.92	---	---
	Ant2	6995	19.88	6985.04	7004.92	---	---
	Ant3	6995	19.96	6985.00	7004.96	---	---
	Ant1	7115	19.92	7105.04	7124.96	---	---
	Ant2	7115	19.88	7105.04	7124.92	---	---
	Ant3	7115	19.92	7105.04	7124.96	---	---
11AX40MIMO	Ant1	5965	39.76	5945.08	5984.84	---	---
	Ant2	5965	39.76	5945.08	5984.84	---	---
	Ant3	5965	39.68	5945.16	5984.84	---	---
	Ant1	6165	39.84	6145.00	6184.84	---	---
	Ant2	6165	39.84	6145.08	6184.92	---	---
	Ant3	6165	39.60	6145.16	6184.76	---	---
	Ant1	6405	39.76	6385.08	6424.84	---	---
	Ant2	6405	39.76	6385.08	6424.84	---	---
	Ant3	6405	39.68	6385.08	6424.76	---	---
	Ant1	6445	39.76	6425.08	6464.84	---	---
	Ant2	6445	39.68	6425.16	6464.84	---	---
	Ant3	6445	39.76	6425.08	6464.84	---	---
	Ant1	6485	39.92	6465.00	6504.92	---	---
	Ant2	6485	39.92	6465.00	6504.92	---	---
	Ant3	6485	39.76	6465.08	6504.84	---	---
	Ant1	6525	39.84	6505.08	6544.92	---	---
	Ant2	6525	39.76	6505.00	6544.76	---	---

	Ant3	6525	39.76	6505.16	6544.92	---	---
	Ant1	6565	39.76	6545.16	6584.92	---	---
	Ant2	6565	39.76	6545.08	6584.84	---	---
	Ant3	6565	39.84	6545.08	6584.92	---	---
	Ant1	6685	39.76	6665.08	6704.84	---	---
	Ant2	6685	39.76	6665.08	6704.84	---	---
	Ant3	6685	39.84	6665.08	6704.92	---	---
	Ant1	6845	39.84	6825.08	6864.92	---	---
	Ant2	6845	39.76	6825.08	6864.84	---	---
	Ant3	6845	39.76	6825.08	6864.84	---	---
	Ant1	6885	39.76	6865.16	6904.92	---	---
	Ant2	6885	39.84	6865.08	6904.92	---	---
	Ant3	6885	39.84	6865.08	6904.92	---	---
	Ant1	6925	39.76	6905.08	6944.84	---	---
	Ant2	6925	39.68	6905.08	6944.76	---	---
	Ant3	6925	39.60	6905.16	6944.76	---	---
	Ant1	6965	39.68	6945.16	6984.84	---	---
	Ant2	6965	39.84	6945.08	6984.92	---	---
	Ant3	6965	39.76	6945.08	6984.84	---	---
	Ant1	7085	39.60	7065.16	7104.76	---	---
	Ant2	7085	39.76	7065.08	7104.84	---	---
	Ant3	7085	39.84	7065.08	7104.92	---	---
11AX80MIMO	Ant1	5985	80.32	5944.84	6025.16	---	---
	Ant2	5985	80.32	5944.84	6025.16	---	---
	Ant3	5985	80.32	5944.84	6025.16	---	---
	Ant1	6145	80.32	6104.84	6185.16	---	---
	Ant2	6145	80.32	6104.84	6185.16	---	---
	Ant3	6145	80.32	6104.84	6185.16	---	---
	Ant1	6385	80.32	6344.84	6425.16	---	---
	Ant2	6385	80.32	6344.84	6425.16	---	---
	Ant3	6385	80.32	6344.84	6425.16	---	---
	Ant1	6465	80.64	6424.68	6505.32	---	---
	Ant2	6465	80.32	6424.84	6505.16	---	---
	Ant3	6465	80.32	6424.84	6505.16	---	---
	Ant1	6545	80.32	6504.84	6585.16	---	---
	Ant2	6545	80.32	6504.84	6585.16	---	---
	Ant3	6545	80.32	6504.84	6585.16	---	---
	Ant1	6625	80.48	6584.68	6665.16	---	---
	Ant2	6625	80.32	6584.84	6665.16	---	---
	Ant3	6625	80.32	6584.84	6665.16	---	---
	Ant1	6705	80.32	6664.84	6745.16	---	---
	Ant2	6705	80.32	6664.84	6745.16	---	---
	Ant3	6705	80.32	6664.84	6745.16	---	---
	Ant1	6785	80.32	6744.84	6825.16	---	---
	Ant2	6785	80.32	6744.84	6825.16	---	---
	Ant3	6785	80.32	6744.84	6825.16	---	---
	Ant1	6865	80.32	6824.84	6905.16	---	---
	Ant2	6865	80.48	6824.84	6905.32	---	---
	Ant3	6865	80.32	6824.84	6905.16	---	---
	Ant1	6945	80.32	6904.84	6985.16	---	---
	Ant2	6945	80.48	6904.84	6985.32	---	---
	Ant3	6945	80.32	6904.84	6985.16	---	---
	Ant1	7025	80.48	6984.68	7065.16	---	---
	Ant2	7025	80.48	6984.68	7065.16	---	---
	Ant3	7025	80.48	6984.68	7065.16	---	---
11AX160MIMO	Ant1	6025	162.56	5943.72	6106.28	---	---
	Ant2	6025	162.56	5943.72	6106.28	---	---
	Ant3	6025	162.56	5943.72	6106.28	---	---
	Ant1	6185	162.56	6103.72	6266.28	---	---
	Ant2	6185	162.56	6103.72	6266.28	---	---
	Ant3	6185	162.56	6103.72	6266.28	---	---
	Ant1	6345	162.56	6263.72	6426.28	---	---
	Ant2	6345	162.56	6263.72	6426.28	---	---
	Ant3	6345	162.56	6263.72	6426.28	---	---

	Ant1	6505	162.56	6423.72	6586.28	---	---
	Ant2	6505	162.24	6423.72	6585.96	---	---
	Ant3	6505	162.56	6423.72	6586.28	---	---
	Ant1	6665	162.56	6583.72	6746.28	---	---
	Ant2	6665	162.56	6583.72	6746.28	---	---
	Ant3	6665	162.56	6583.72	6746.28	---	---
	Ant1	6825	162.56	6743.72	6906.28	---	---
	Ant2	6825	162.56	6743.72	6906.28	---	---
	Ant3	6825	162.56	6743.72	6906.28	---	---
	Ant1	6985	162.56	6903.72	7066.28	---	---
	Ant2	6985	162.56	6903.72	7066.28	---	---
	Ant3	6985	162.24	6903.72	7065.96	---	---
11BE20MIMO	Ant1	5955	19.92	5945.04	5964.96	---	---
	Ant2	5955	19.92	5945.04	5964.96	---	---
	Ant3	5955	19.88	5945.08	5964.96	---	---
	Ant1	6175	19.84	6165.08	6184.92	---	---
	Ant2	6175	19.84	6165.08	6184.92	---	---
	Ant3	6175	19.96	6165.00	6184.96	---	---
	Ant1	6415	19.84	6405.08	6424.92	---	---
	Ant2	6415	19.80	6405.08	6424.88	---	---
	Ant3	6415	19.80	6405.08	6424.88	---	---
	Ant1	6435	19.92	6425.04	6444.96	---	---
	Ant2	6435	19.88	6425.08	6444.96	---	---
	Ant3	6435	19.96	6425.04	6445.00	---	---
	Ant1	6475	19.88	6465.04	6484.92	---	---
	Ant2	6475	19.92	6465.04	6484.96	---	---
	Ant3	6475	19.88	6465.04	6484.92	---	---
	Ant1	6515	19.88	6505.04	6524.92	---	---
	Ant2	6515	19.92	6505.00	6524.92	---	---
	Ant3	6515	19.84	6505.08	6524.92	---	---
	Ant1	6535	19.88	6525.00	6544.88	---	---
	Ant2	6535	19.84	6525.08	6544.92	---	---
	Ant3	6535	19.88	6525.04	6544.92	---	---
	Ant1	6695	19.80	6685.08	6704.88	---	---
	Ant2	6695	19.84	6685.08	6704.92	---	---
	Ant3	6695	19.84	6685.08	6704.92	---	---
	Ant1	6855	19.84	6845.08	6864.92	---	---
	Ant2	6855	19.80	6845.12	6864.92	---	---
	Ant3	6855	19.88	6845.08	6864.96	---	---
	Ant1	6875	19.92	6865.04	6884.96	---	---
	Ant2	6875	19.80	6865.12	6884.92	---	---
	Ant3	6875	19.88	6865.08	6884.96	---	---
	Ant1	6895	19.84	6885.04	6904.88	---	---
	Ant2	6895	19.80	6885.12	6904.92	---	---
	Ant3	6895	19.80	6885.08	6904.88	---	---
	Ant1	6995	19.92	6985.04	7004.96	---	---
	Ant2	6995	19.88	6985.04	7004.92	---	---
	Ant3	6995	19.92	6985.04	7004.96	---	---
	Ant1	7115	19.84	7105.04	7124.88	---	---
	Ant2	7115	19.88	7105.04	7124.92	---	---
	Ant3	7115	19.92	7105.04	7124.96	---	---
11BE40MIMO	Ant1	5965	39.76	5945.08	5984.84	---	---
	Ant2	5965	39.76	5945.08	5984.84	---	---
	Ant3	5965	39.68	5945.16	5984.84	---	---
	Ant1	6165	39.76	6145.08	6184.84	---	---
	Ant2	6165	39.52	6145.16	6184.68	---	---
	Ant3	6165	39.52	6145.16	6184.68	---	---
	Ant1	6405	39.84	6385.16	6425.00	---	---
	Ant2	6405	39.92	6385.08	6425.00	---	---
	Ant3	6405	39.92	6385.08	6425.00	---	---
	Ant1	6445	39.68	6425.16	6464.84	---	---
	Ant2	6445	39.76	6425.16	6464.92	---	---
	Ant3	6445	39.68	6425.16	6464.84	---	---
	Ant1	6485	39.52	6465.24	6504.76	---	---