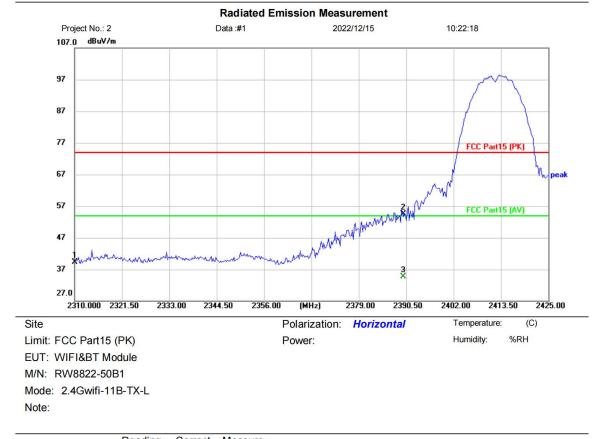


14.4 TEST DATA

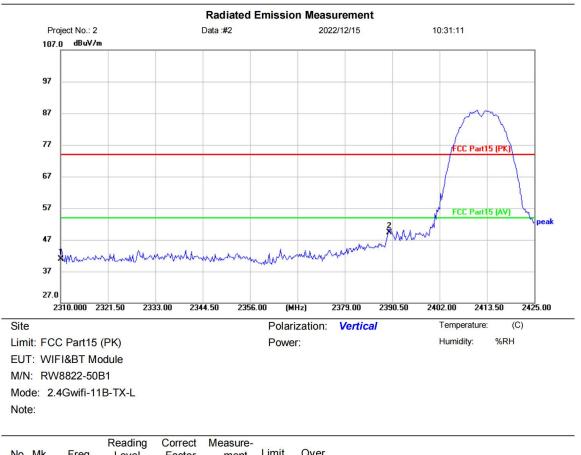


[TestMode: TX 11B low channel]; [Polarity: Horizontal]

	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment		Over		
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
	1		2310.000	43.67	-4.27	39.40	74.00	-34.60	peak	
	2		2390.000	58.42	-3.82	54.60	74.00	-19.40	peak	
-	3	*	2390.000	38.50	-3.82	34.68	54.00	-19.32	AVG	

*:Maximum data x:Over limit !:over margin
Test Result: Pass



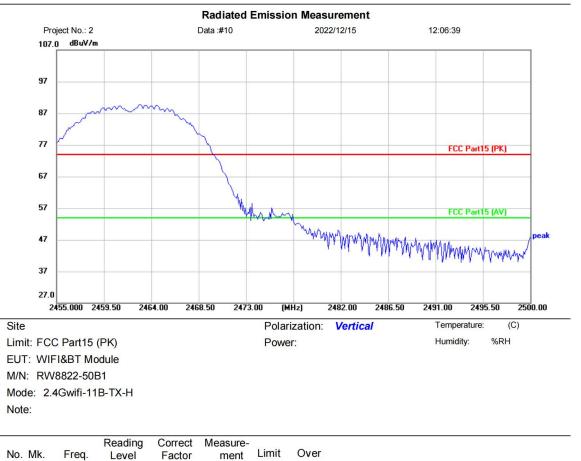


[TestMode: TX 11B low channel]; [Polarity: Vertical]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment		Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2310.000	45.09	-4.27	40.82	74.00	-33.18	peak		
2	*	2390.000	53.21	-3.82	49.39	74.00	- <mark>24.61</mark>	peak		

*:Maximum data x:Over limit !:over margin
Test Result: Pass





[TestMode: TX 11B high channel]; [Polarity: Vertical]

*:Maximum data x:Over limit !:over margin
Test Result: Pass

MHz

dBuV

dB/m

dBuV/m

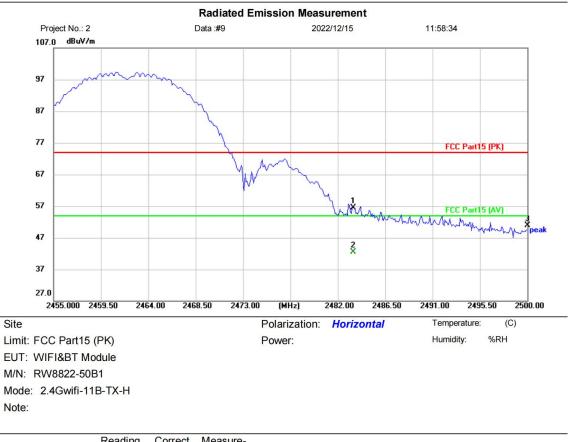
dBuV/m

dB

Detector

Comment



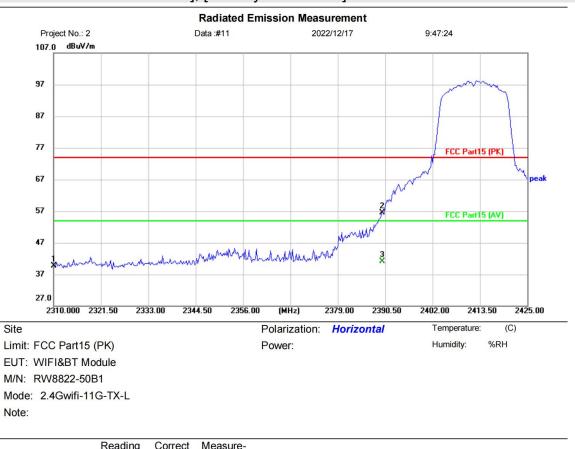


[TestMode: TX 11B high channel]; [Polarity: Horizontal]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	60.44	-3.96	56.48	74.00	-17.52	peak	
2	*	2483.500	46.45	-3.96	42.49	54.00	-11.51	AVG	
3		2500.000	54.86	-4.00	50.86	74.00	-23.14	peak	

*:Maximum data x:Over limit !:over margin
Test Result: Pass



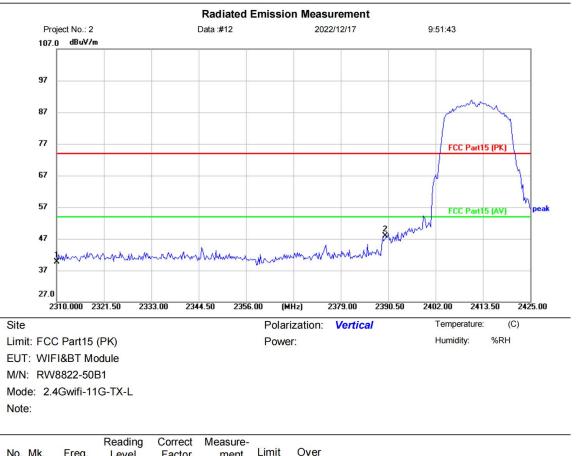


[TestMode: TX 11G low channel]; [Polarity: Horizontal]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	43.87	-4.27	39.60	74.00	-34.40	peak	
2		2390.000	60.28	-3.82	56.46	74.00	-17.54	peak	
3	*	2390.000	44.98	-3.82	41.16	54.00	-12.84	AVG	

*:Maximum data x:Over limit !:over margin
Test Result: Pass



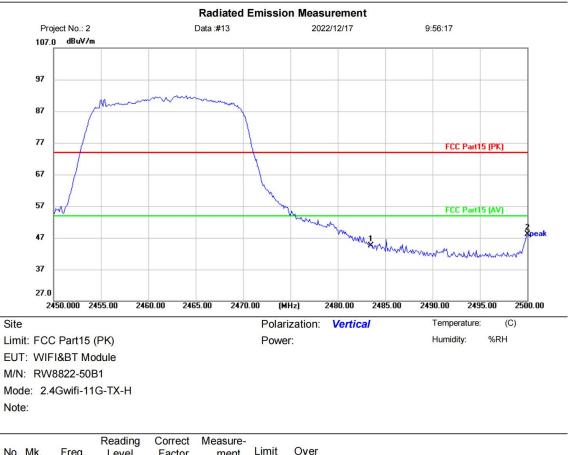


[TestMode: TX 11G low channel]; [Polarity: Vertical]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment		Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2310.000	44.05	-4.27	39.78	74.00	-34.22	peak		
2	*	2390.000	51.66	-3.82	47.84	74.00	-26.16	peak		

*:Maximum data x:Over limit !:over margin
Test Result: Pass



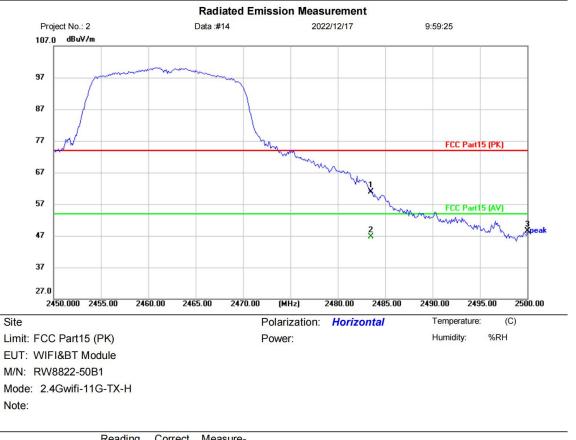


[TestMode: TX 11G high channel]; [Polarity: Vertical]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2483.500	48.44	-3.96	44.48	74.00	-29.52	peak		
2	*	2500.000	52.09	-4.00	48.09	74.00	-25.91	peak		

*:Maximum data x:Over limit !:over margin
Test Result: Pass



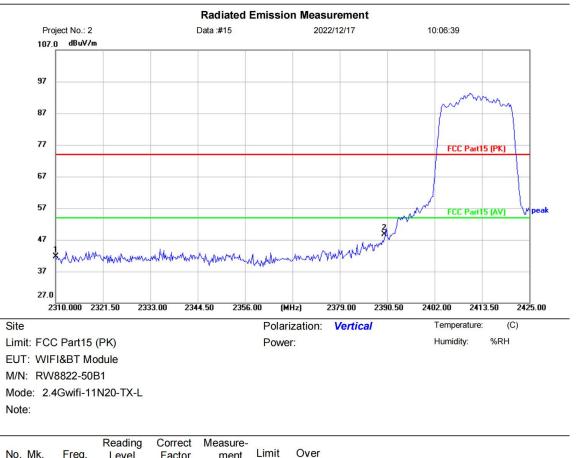


[TestMode: TX 11G high channel]; [Polarity: Horizontal]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	64.95	-3.96	60.99	74.00	- <mark>13.01</mark>	peak	
2	*	2483.500	50.65	-3.96	46.69	54.00	-7.31	AVG	
3		2500.000	52.45	-4.00	48.45	74.00	-25.55	peak	

*:Maximum data x:Over limit !:over margin
Test Result: Pass



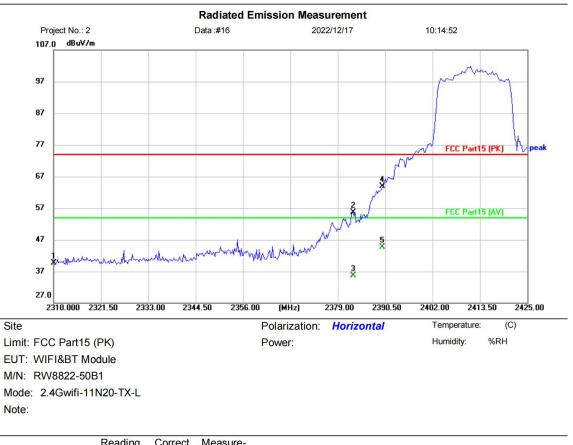


[TestMode: TX N20 low channel]; [Polarity: Vertical]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment		Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2310.000	46.00	-4.27	41.73	74.00	-32.27	peak		
2	*	2390.000	52.52	-3.82	48.70	74.00	-25.30	peak		

*:Maximum data x:Over limit !:over margin
Test Result: Pass



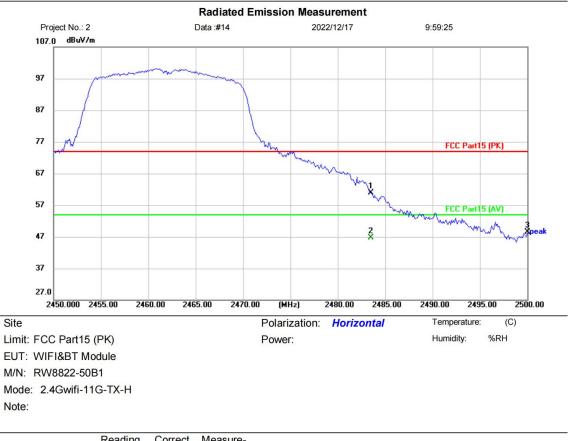


[TestMode: TX N20 low channel]; [Polarity: Horizontal]

No.	Mk.	Freq.	Level	Factor	ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	43.94	-4.27	39.67	74.00	-34.33	peak	
2		2382.680	59.51	-3.86	55.65	74.00	- <mark>18.35</mark>	peak	
3		2382.680	39.57	-3.86	35.71	54.00	- <mark>1</mark> 8.29	AVG	
4		2390.000	67.82	-3.82	64.00	74.00	-10.00	peak	
5	*	2390.000	48.51	-3.82	44.69	54.00	-9.31	AVG	

*:Maximum data x:Over limit !:over margin



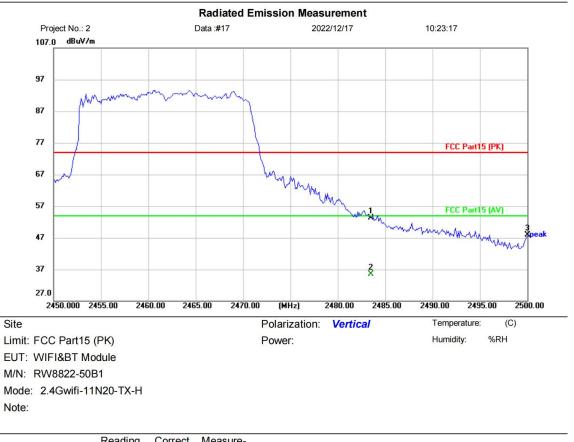


[TestMode: TX N20 high channel]; [Polarity: Horizontal]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	5
1		2483.500	64.95	-3.96	60.99	74.00	- <mark>13.01</mark>	peak		
2	*	2483.500	50.65	-3.96	46.69	54.00	-7.31	AVG		
3		2500.000	52.45	-4.00	48.45	74.00	- <mark>25.5</mark> 5	peak		

*:Maximum data x:Over limit !:over margin
Test Result: Pass



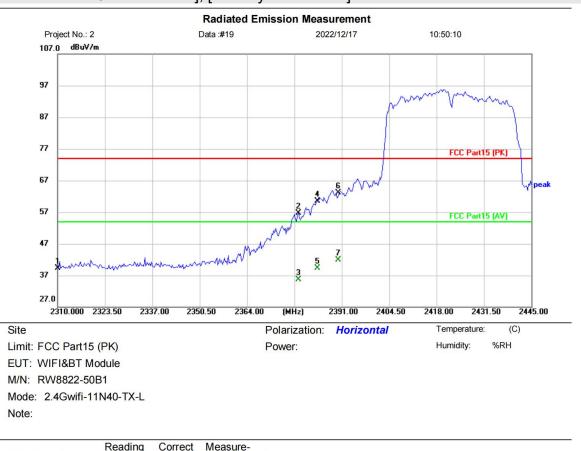


[TestMode: TX N20 high channel]; [Polarity: Vertical]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	57.36	-3.96	53.40	74.00	-20.60	peak	
2	*	2483.500	39.37	-3.96	35.41	54.00	-18.59	AVG	
3		2500.000	51.95	-4.00	47.95	74.00	-26.05	peak	

*:Maximum data x:Over limit !:over margin
Test Result: Pass



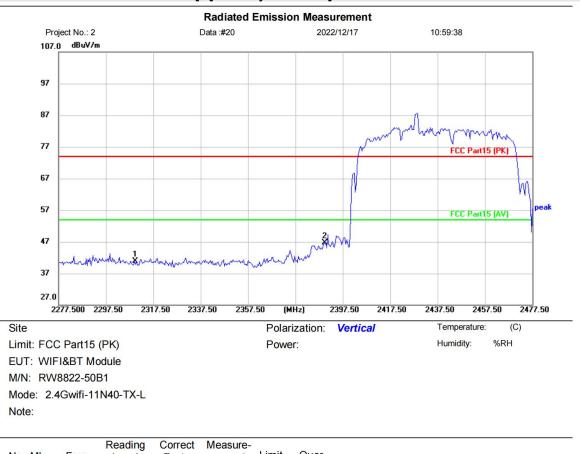


arity: Horizontal]	104
aniv Honzonian	i an

No.	Mk.	Freq.	Level	Factor	ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2310.000	43.52	-4.27	39.25	74.00	-34.75	peak		
2		2378.580	60.62	-3.88	56.74	74.00	- <mark>17.2</mark> 6	peak		
3		2378.580	39.68	-3.88	35.80	54.00	- <mark>1</mark> 8.20	AVG		
4		2383.980	64.29	-3.86	60.43	74.00	- <mark>1</mark> 3.57	peak		
5		2383.980	43.15	-3.86	39.29	54.00	- <mark>14</mark> .71	AVG		
6	*	2390.000	67.01	-3.82	63.19	74.00	- <mark>10.81</mark>	peak		
7		2390.000	45.75	-3.82	41.93	54.00	-12.07	AVG		

*:Maximum data x:Over limit !:over margin



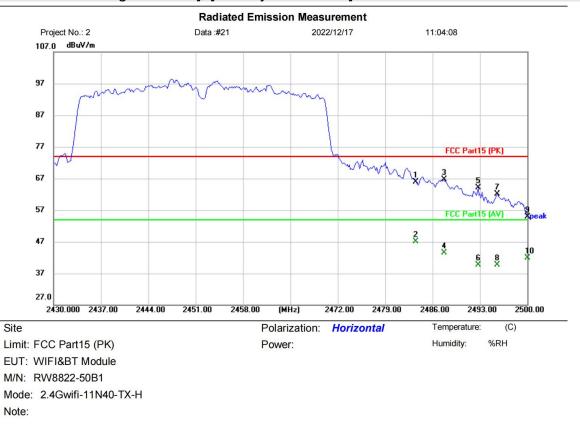


[TestMode: TX N40 low channel]; [Polarity: Vertical]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment		Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2310.000	45.23	-4.27	40.96	74.00	-33.04	peak		
2	*	2390.000	50.45	-3.82	46.63	74.00	- <mark>27.3</mark> 7	peak		

*:Maximum data x:Over limit !:over margin
Test Result: Pass



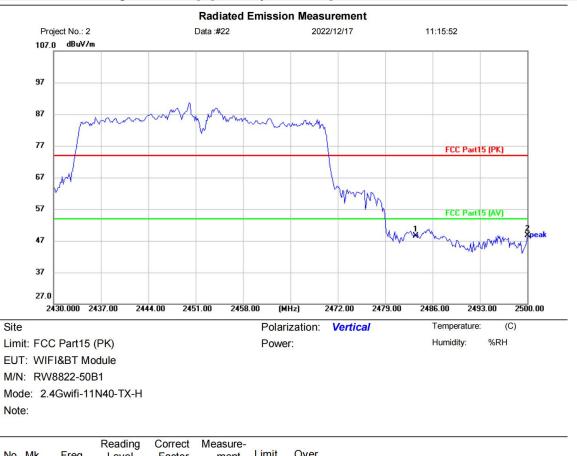


[TestMode:	TX N40	hiah	channel	l: [Polarity	v: Horizo	ontall
100401						,	21110011

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	69.94	-3.96	65.98	74.00	-8.02	peak	
2	*	2483.500	51.08	-3.96	47.12	54.00	-6.88	AVG	
3		2487.680	70.60	-3.97	66.63	74.00	-7.37	peak	
4		2487.680	47.48	-3.97	43.51	54.00	-10.49	AVG	
5		2492.720	68.01	-3.98	64.03	74.00	-9.97	peak	
6		2492.720	43.60	-3.98	39.62	54.00	-14.38	AVG	
7		2495.520	66.03	-3.99	62.04	74.00	-11.96	peak	
8		2495.520	43.77	-3.99	39.78	54.00	-14.22	AVG	
9		2500.000	58.89	-4.00	54.89	74.00	- <mark>19.11</mark>	peak	
10		2500.000	45.86	-4.00	41.86	54.00	-12.14	AVG	

*:Maximum data x:Over limit !:over margin





[TestMode: TX N40 high channel]; [Polarity: Vertical]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2483.500	52.45	-3.96	48.49	74.00	-25.51	peak		
2	*	2500.000	52.61	-4.00	48.61	74.00	-25.39	peak		

*:Maximum data x:Over limit !:over margin
Test Result: Pass



Report No.: BLA-EMC-202210-A6204 Page 47 of154

Remark:

- 1. Final Level =Receiver Read level + Correct factor
- 2. Correct factor = Antenna Factor + Cable Loss Preamplifier Factor
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

BlueAsia Technical Services(Shenzhen) Co., Ltd. Tel: +86-755-23059481 Email: marketing@cblueasia.com www.cblueasia.com



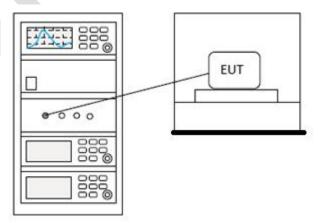
15 CONDUCTED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247					
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11					
Test Mode (Pre-Scan)	ТХ					
Test Mode (Final Test)	ТХ					
Tester	Jozu					
Temperature	25°C					
Humidity	60%					

15.1 LIMITS

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 §15.209(a) (see §15.205(c)).

15.2 BLOCK DIAGRAM OF TEST SETUP





Report No.: BLA-EMC-202210-A6204 Page 49 of154

15.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details



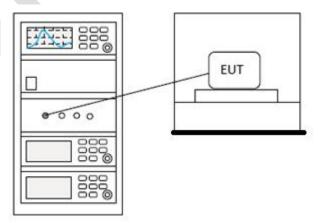
Test Standard	47 CFR Part 15, Subpart C 15.247					
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2					
Test Mode (Pre-Scan)	ТХ					
Test Mode (Final Test)	ТХ					
Tester	Jozu					
Temperature	25 ℃					
Humidity	60%					

16 CONDUCTED BAND EDGES MEASUREMENT

16.1 LIMITS

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 §15.209(a) (see §15.205(c)).

16.2 BLOCK DIAGRAM OF TEST SETUP





Report No.: BLA-EMC-202210-A6204 Page 51 of154

16.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details



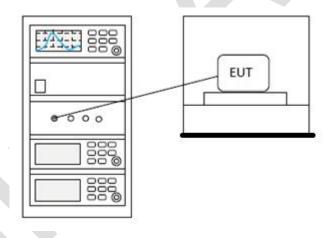
17 MINIMUM 6DB BANDWIDTH

Test Standard	47 CFR Part 15, Subpart C 15.247					
Test Method	ANSI C63.10 (2013) Section 11.8.1					
Test Mode (Pre-Scan)	ТХ					
Test Mode (Final Test)	ТХ					
Tester	Jozu					
Temperature	25°C					
Humidity	60%					

17.1 LIMITS

Limit: $\geq 500 \text{ kHz}$

17.2 BLOCK DIAGRAM OF TEST SETUP



17.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details



18 CONDUCTED EMISSIONS AT AC POWER LINE (150KHZ-30MHZ)

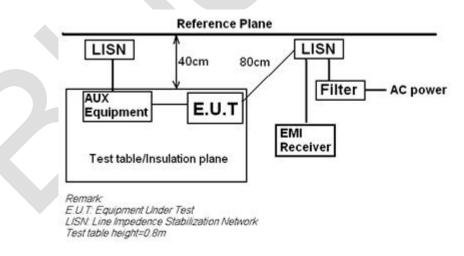
Test Standard	47 CFR Part 15, Subpart C 15.247					
Test Method	ANSI C63.10 (2013) Section 6.2					
Test Mode (Pre-Scan)	Transmitting mode					
Test Mode (Final Test)	Transmitting mode					
Tester	Jozu					
Temperature	25 ℃					
Humidity	60%					

18.1 LIMITS

Frequency of	Conducted limit(dBµV)								
emission(MHz)	Quasi-peak	Average							
0.15-0.5	66 to 56*	56 to 46*							
0.5-5	56	46							
5-30	60	50							

*Decreases with the logarithm of the frequency.

18.2 BLOCK DIAGRAM OF TEST SETUP



18.3 PROCEDURE

1) The mains terminal disturbance voltage test was conducted in a shielded room.

2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50H + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.



3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

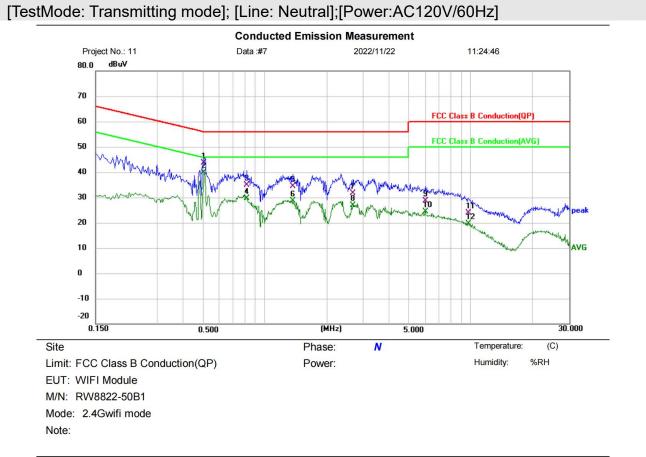
4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5) 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.

Remark: LISN=Read Level+ Cable Loss+ LISN Factor



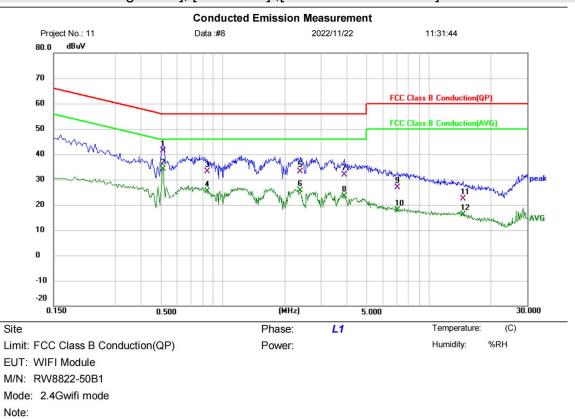
18.4 TEST DATA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5060	33.69	10.05	43.74	56.00	-12.26	QP	
2	*	0.5060	29.95	10.05	40.00	46.00	-6.00	AVG	
3		0.8139	24.89	10.03	34.92	56.00	-21.08	QP	
4		0.8139	19.54	10.03	29.57	46.00	- <mark>16.4</mark> 3	AVG	
5		1.3700	24.41	10.05	34.46	56.00	-21.54	QP	
6		1.3700	18.69	10.05	28.74	46.00	-17.26	AVG	
7		2.6780	21.62	10.05	31.67	56.00	-24.33	QP	
8		2.6780	16.88	10.05	26.93	46.00	- <mark>1</mark> 9.07	AVG	
9		5.9940	18.77	9.84	28.61	60.00	-31.39	QP	
10		5.9940	14.65	9.84	24.49	50.00	-25.51	AVG	
11		9.7340	14.01	9.93	23.94	60.00	-36.06	QP	
12		9.7340	9.63	9.93	19.56	50.00	-30.44	AVG	

Test Result: Pass





[TestMode: Transmitting mode]; [Line: Line] ; [Power:AC120V/60Hz]

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5100	31.33	10.08	41.41	56.00	-14.59	QP	
2	*	0.5100	24.16	10.08	34.24	46.00	-11.76	AVG	
3		0.8380	23.06	10.10	33.16	56.00	-22.84	QP	
4		0.8380	15.33	10.10	25.43	46.00	-20.57	AVG	
5		2.3780	22.94	10.27	33.21	56.00	-22.79	QP	
6		2.3780	15.28	10.27	25.55	46.00	-20.45	AVG	
7		3.8820	21.70	10.11	31.81	56.00	-24.19	QP	
8		3.8820	13.31	10.11	23.42	46.00	-22.58	AVG	
9		7.0580	16.82	10.07	26.89	60.00	-33.11	QP	
10		7.0580	7.78	10.07	17.85	50.00	-32.15	AVG	
11		14.6420	12.47	9.97	22.44	60.00	-37.56	QP	
12		14.6420	6.21	9.97	16.18	50.00	-33.82	AVG	

Test Result: Pass



Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.

2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

3. Final Level =Receiver Read level + LISN Factor + Cable Loss.

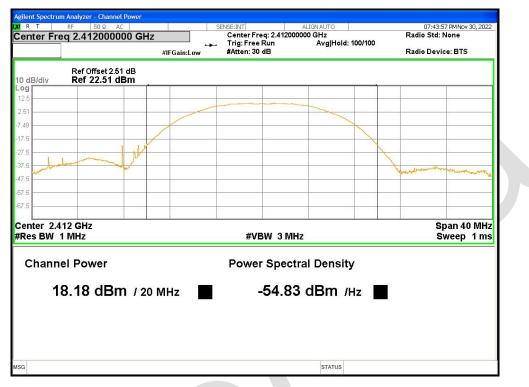


19 APPENDIX

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.184	30	Pass
NVNT	b	2437	Ant1	18.134	30	Pass
NVNT	b	2462	Ant1	18.149	30	Pass
NVNT	b	2412	Ant2	17.696	30	Pass
NVNT	b	2437	Ant2	17.056	30	Pass
NVNT	b	2462	Ant2	18.18	30	Pass
NVNT	g	2412	Ant1	19.101	30	Pass
NVNT	g	2437	Ant1	20.051	30	Pass
NVNT	g	2462	Ant1	20.546	30	Pass
NVNT	g	2412	Ant2	18.702	30	Pass
NVNT	g	2437	Ant2	18.858	30	Pass
NVNT	g	2462	Ant2	19.958	30	Pass
NVNT	n20	2412	Ant1	18.114	29.69	Pass
NVNT	n20	2412	Ant2	17.712	29.69	Pass
NVNT	n20	2412	Sum	20.928	29.69	Pass
NVNT	n20	2437	Ant1	17.918	29.69	Pass
NVNT	n20	2437	Ant2	17.715	29.69	Pass
NVNT	n20	2437	Sum	20.828	29.69	Pass
NVNT	n20	2462	Ant1	18.705	29.69	Pass
NVNT	n20	2462	Ant2	18.713	29.69	Pass
NVNT	n20	2462	Sum	21.719	29.69	Pass
NVNT	n40	2422	Ant1	18.617	29.69	Pass
NVNT	n40	2422	Ant2	18.419	29.69	Pass
NVNT	n40	2422	Sum	21.529	29.69	Pass
NVNT	n40	2437	Ant1	19.002	29.69	Pass
NVNT	n40	2437	Ant2	18.529	29.69	Pass
NVNT	n40	2437	Sum	21.782	29.69	Pass
NVNT	n40	2452	Ant1	18.123	29.69	Pass
NVNT	n40	2452	Ant2	18.46	29.69	Pass
NVNT	n40	2452	Sum	21.305	29.69	Pass





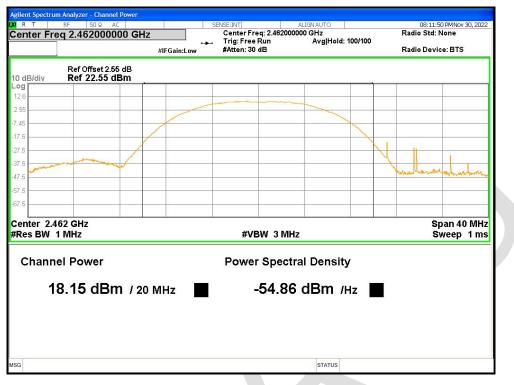
Power NVNT b 2412MHz Ant1

Power NVNT b 2437MHz Ant1



Power NVNT b 2462MHz Ant1





Power NVNT b 2412MHz Ant2



Power NVNT b 2437MHz Ant2