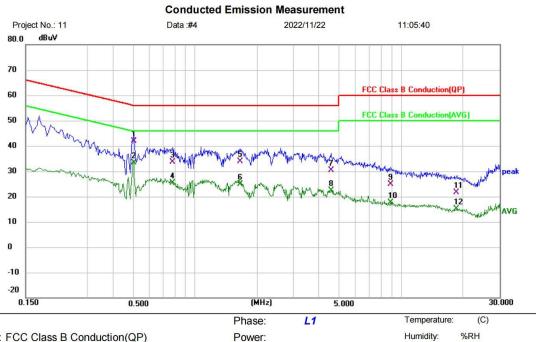


# [TestMode: BT mode]; [Line: Line] ; [Power:AC120V/60Hz]



Limit: FCC Class B Conduction(QP)

EUT: WIFI Module M/N: RW8822-50B1 Mode: BT mode

Note:

Site

	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5020	31.84	10.08	41.92	56.00	-14.08	QP	
2	*	0.5020	23.33	10.08	33.41	46.00	-12.59	AVG	
3		0.7780	23.43	10.09	33.52	56.00	-22.48	QP	
4		0.7780	15.39	10.09	25.48	46.00	-20.52	AVG	
5		1.6580	23.57	10.24	33.81	56.00	-22.19	QP	
6		1.6580	14.55	10.24	24.79	46.00	-21.21	AVG	
7		4.5700	20.38	10.05	30.43	56.00	-25.57	QP	
8		4.5700	12.25	10.05	22.30	46.00	-23.70	AVG	
9		8.9140	14.72	10.11	24.83	60.00	-35.17	QP	
10		8.9140	7.45	10.11	17.56	50.00	-32.44	AVG	
11		18.7099	11.59	10.00	21.59	60.00	-38.41	QP	
12		18.7099	5.09	10.00	15.09	50.00	-34.91	AVG	

\*:Maximum data x:Over limit !:over margin (Reference Only



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#### 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.





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#### 19 RADIATED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.4,6.5,6.6
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

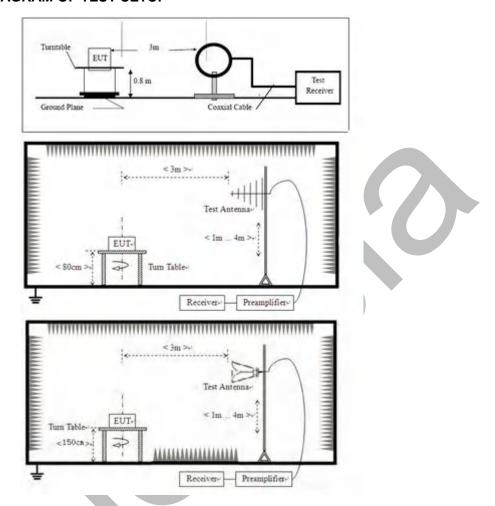
#### **19.1 LIMITS**

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



19.2 BLOCK DIAGRAM OF TEST SETUP



### 19.3 PROCEDURE

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.



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- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

#### Remark:

- 1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

- 3) Scan from 9kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.fundamental frequency is blocked by filter, and only spurious emission is shown.
- 4) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.





(C)

%RH

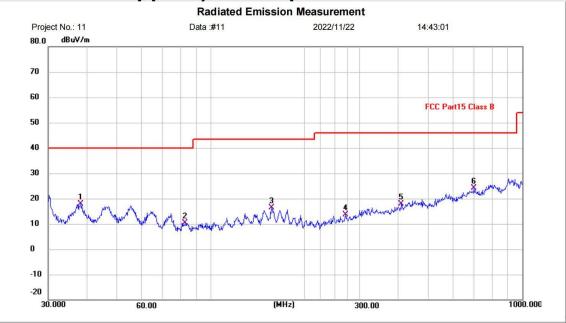
Temperature:

Humidity:

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#### 19.4 TEST DATA

# [TestMode: TX below 1G]; [Polarity: Horizontal]



Polarization: Horizontal

Limit: FCC Part15 Class B

EUT: WIFI Module M/N: RW8822-50B1 Mode: TX mode

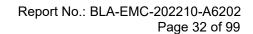
Note:

Site

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	38.2120	23.99	-6.21	17.78	40.00	-22.22	QP	Р	
2	82.6481	21.23	-10.78	10.45	40.00	-29.55	QP	Р	
3	156.4577	22.11	-5.81	16.30	43.50	-27.20	QP	Р	
4	270.3748	20.20	-6.53	13.67	46.00	-32.33	QP	Р	
5	408.9459	20.63	-2.81	17.82	46.00	-28.18	QP	Р	
6 *	699.3045	21.27	2.84	24.11	46.00	-21.89	QP	Р	

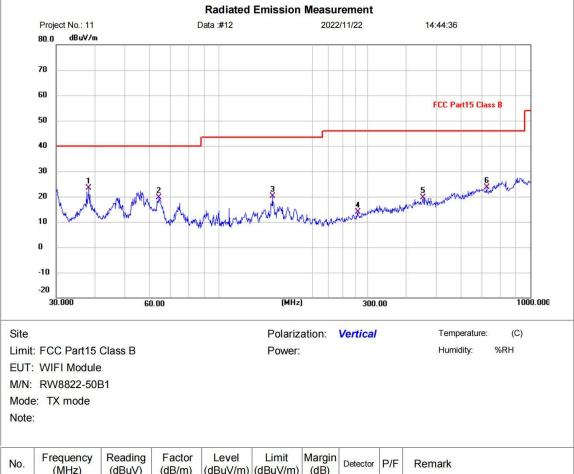
Power:

<sup>\*:</sup>Maximum data x:Over limit !:over margin





[TestMode: TX below 1G]; [Polarity: Vertical]



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	38.2120	29.55	-6.21	23.34	40.00	-16.66	QP	Р	
2	64.2074	27.61	-7.99	19.62	40.00	-20.38	QP	Р	
3	148.4410	26.46	-6.27	20.19	43.50	-23.31	QP	Р	
4	279.0436	20.78	-6.89	13.89	46.00	-32.11	QP	Р	
5	452.7197	21.40	-1.85	19.55	46.00	-26.45	QP	Р	
6	724.2611	19.94	3.60	23.54	46.00	-22.46	QP	Р	

<sup>\*:</sup>Maximum data x:Over limit !:over margin



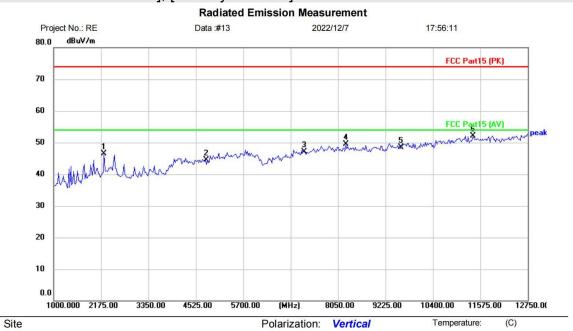
Humidity:

%RH

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### Above 1GHz:

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



Limit: FCC Part15 (PK) EUT: WIFI&BT Module

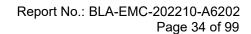
M/N: RW8822-50B1 Mode: TX-L

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	2245.500	49.83	-3.35	46.48	74.00	-27.52	peak	
2	4804.000	40.37	4.05	44.42	74.00	-29.58	peak	
3	7206.000	39.17	7.93	47.10	74.00	-26.90	peak	
4	8238.000	40.44	9.00	49.44	74.00	-24.56	peak	
5	9608.000	37.53	10.90	48.43	74.00	-25.57	peak	
6 *	11387.000	38 56	13.63	52 19	74 00	-21.81	neak	

Power:

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only}





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

### **Radiated Emission Measurement** Project No.: RE Data :#14 2022/12/7 17:59:18 dBuV/m 80.0 FCC Part15 (PK) 70 60 50 30 20 10 10400.00 11575.00 12750.00 1000.000 2175.00 3350.00 4525.00 5700.00 9225.00

Polarization:

Power:

Horizontal

Temperature:

Humidity:

(C)

%RH

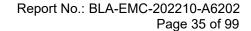
Site Limit: FCC Part15 (PK)

EUT: WIFI&BT Module
M/N: RW8822-50B1

Mode: TX-L Note:

No. M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1	1987.000	50.44	-4.50	45.94	74.00	-28.06	peak		
2	4804.000	39.21	4.05	43.26	74.00	-30.74	peak		
3	7206.000	39.39	7.93	47.32	74.00	-26.68	peak		
4	8191.000	39.93	8.99	48.92	74.00	-25.08	peak		
5	9608.000	38.31	10.90	49.21	74.00	-24.79	peak		
6 *	11645.500	38.38	13.74	52.12	74.00	-21.88	peak		

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only}





# [TestMode: TX mid channel]; [Polarity: Vertical]

#### **Radiated Emission Measurement** Project No.: RE Data :#19 2022/12/7 18:57:25 dBuV/m 80.0 FCC Part15 (PK) 70 60 FCC Pag15 (AV) 50 30 20 10 0.0 1000.000 2175.00 10400.00 11575.00 12750.00 3350.00 4525.00 5700.00 (MHz) 9225.00

Polarization:

Power:

Vertical

Temperature:

Humidity:

(C)

%RH

Site Limit: FCC Part15 (PK)

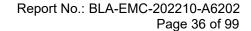
EUT: WIFI&BT Module M/N: RW8822-50B1

Mode: TX-M

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		4882.000	41.34	4.37	45.71	74.00	-28.29	peak	
2		5418.000	40.13	6.75	46.88	74.00	-27.12	peak	
3		7323.000	38.32	8.21	46.53	74.00	-27.47	peak	
4		8238.000	40.28	9.00	49.28	74.00	-24.72	peak	
5		9764.000	38.29	11.30	49.59	74.00	-24.41	peak	
6	*	11457.500	39.01	13.66	52.67	74.00	-21.33	peak	

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only}





[TestMode: TX mid channel]; [Polarity: Horizontal]

## **Radiated Emission Measurement** Project No.: RE Data :#20 2022/12/7 18:59:46 dBuV/m 80.0 FCC Part15 (PK) 70 60 FCC Pag15 (AV) 50 40 30 20 10 1000.000 2175.00 10400.00 11575.00 12750.00

Polarization:

9225.00

Temperature:

Humidity:

(C)

%RH

Horizontal

Site

EUT: WIFI&BT Module M/N: RW8822-50B1

Mode: TX-M Note:

Limit: FCC Part15 (PK) Power:

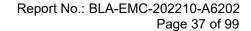
4525.00

5700.00

3350.00

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2480.500	46.73	-2.05	44.68	74.00	-29.32	peak	
2		4882.000	41.48	4.37	45.85	74.00	-28.15	peak	
3		7323.000	38.97	8.21	47.18	74.00	-26.82	peak	
4		7768.000	40.75	8.77	49.52	74.00	-24.48	peak	
5		9764.000	37.93	11.30	49.23	74.00	-24.77	peak	
6	*	11457.500	39.60	13.66	53.26	74.00	-20.74	peak	

\*:Maximum data x:Over limit !:over margin (Reference Only

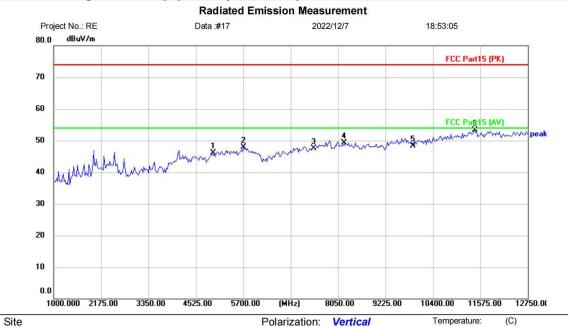


Humidity:

%RH



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



Limit: FCC Part15 (PK)

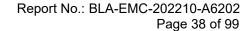
Mode: TX-H Note:

EUT: WIFI&BT Module M/N: RW8822-50B1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		4960.000	40.70	5.42	46.12	74.00	-27.88	peak	
2		5700.000	41.02	6.81	47.83	74.00	-26.17	peak	
3		7440.000	39.00	8.48	47.48	74.00	-26.52	peak	
4		8191.000	40.39	8.99	49.38	74.00	-24.62	peak	
5		9920.000	36.60	11.69	48.29	74.00	-25.71	peak	
6	*	11434.000	39.67	13.64	53.31	74.00	-20.69	peak	

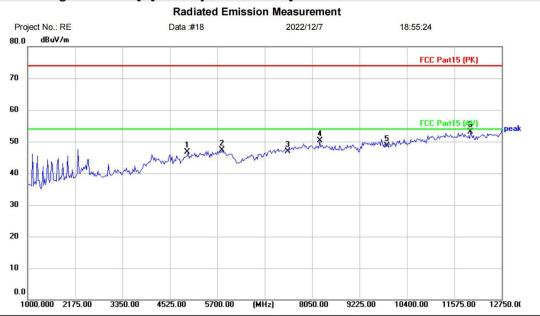
Power:

\*:Maximum data x:Over limit !:over margin (Reference Only





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



Polarization:

Power:

Horizontal

Temperature:

Humidity:

(C)

%RH

Limit: FCC Part15 (PK)

EUT: WIFI&BT Module M/N: RW8822-50B1

Mode: TX-H Note:

Site

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		4960.000	41.36	5.42	46.78	74.00	-27.22	peak	
2		5817.500	40.59	6.78	47.37	74.00	-26.63	peak	
3		7440.000	38.50	8.48	46.98	74.00	-27.02	peak	
4		8238.000	41.26	9.00	50.26	74.00	-23.74	peak	
5		9920.000	36.96	11.69	48.65	74.00	-25.35	peak	
6	*	11974.500	39.15	13.89	53.04	74.00	-20.96	peak	

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only}



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### 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.





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#### 20 RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS

Test Standard	47 CFR Part 15, Subpart C 15.247					
<b>Test Method</b> ANSI C63.10 (2013) Section 6.10.5						
Test Mode (Pre-Scan)	TX					
Test Mode (Final Test)	TX					
Tester	Jozu					
Temperature	25℃					
Humidity	60%					

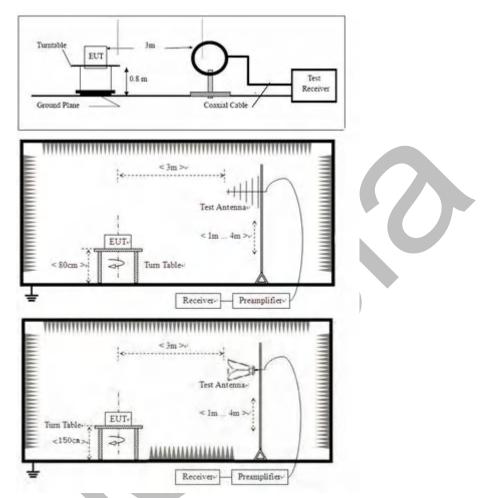
#### **20.1 LIMITS**

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



#### 20.2 BLOCK DIAGRAM OF TEST SETUP



### 20.3 PROCEDURE

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.



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h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.





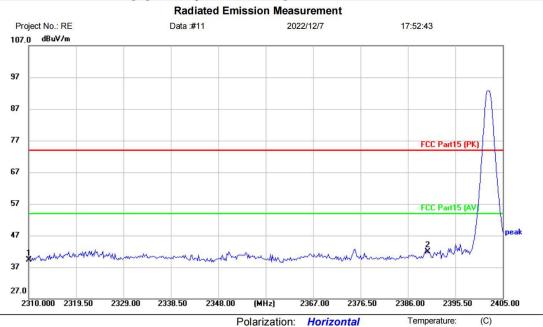
Humidity:

%RH

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#### 20.4 TEST DATA

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



Limit: FCC Part15 (PK)

EUT: WIFI&BT Module M/N: RW8822-50B1

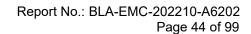
Mode: TX-L Note:

Site

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	43.62	-4.27	39.35	74.00	-34.65	peak	
2 *	2390.000	45.80	-3.82	41.98	74.00	-32.02	peak	

Power:

\*:Maximum data x:Over limit !:over margin (Reference Only



2405.00



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

# 

Site

27.0

Limit: FCC Part15 (PK) EUT: WIFI&BT Module M/N: RW8822-50B1

2310.000 2319.50

2329.00

2338.50

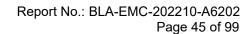
2348.00

Mode: TX-L Note: Polarization: **Vertical** Temperature: (C)
Power: Humidity: %RH

2376.50

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	45.81	-4.27	41.54	74.00	-32.46	peak	
2 *	2390.000	48.26	-3.82	44.44	74.00	-29.56	peak	

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only}





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

# **Radiated Emission Measurement** Project No.: RE Data :#15 2022/12/7 18:45:04 107.0 dBuV/m 97 87 77 FCC Part15 (PK) 67 57 FCC Part15 (AV) 47 37

(MHz)

2491.20

Polarization: Vertical

2493.40

Temperature:

Humidity:

(C)

%RH

Site

Limit: FCC Part15 (PK)

2478.000 2480.20

Mode: TX-H Note:

LIIIII.	FCC Fail 13 (FK)	rower.
EUT:	WIFI&BT Module	
M/N:	RW8822-50B1	

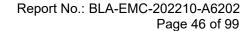
2482.40

2484.60

2486.80

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	46.52	-3.96	42.56	74.00	-31.44	peak	
2	*	2500.000	54.21	-4.00	50.21	74.00	-23.79	peak	

\*:Maximum data x:Over limit !:over margin (Reference Only



Temperature:

(C) %RH



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

#### **Radiated Emission Measurement** Project No.: RE Data :#16 2022/12/7 18:46:26 107.0 dBuV/m 97 87 77 FCC Part15 (PK) 67 57 FCC Part15 (AV) 47 37 27.0 2478.000 2480.20 2484.60 2482.40 2486.80 2491.20

Polarization: Horizontal

Site

Li E M/N: RW8822-50B1

Mode: TX-H Note:

_imit: FCC Part15 (PK)	Power:	Humidity:
EUT: WIFI&BT Module		
M/NI: DIM/0022 50D1		

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	47.13	-3.96	43.17	74.00	-30.83	peak	
2	*	2500.000	51.54	-4.00	47.54	74.00	-26.46	peak	

\*:Maximum data x:Over limit !:over margin (Reference Only



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### 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.





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### 21 APPENDIX

## Appendix1

### **Maximum Conducted Output Power**

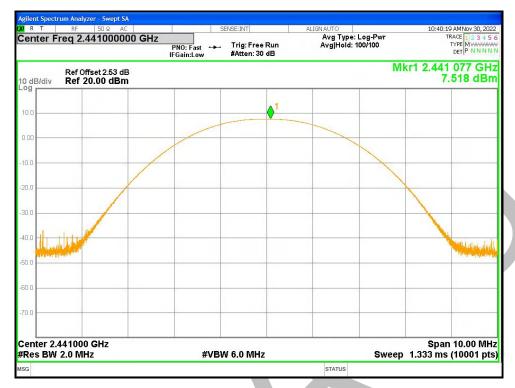
Condition	Mode	Frequency	Antenna	Conducted Power	Limit	Verdict
		(MHz)		(dBm)	(dBm)	
NVNT	1-DH1	2402	Ant1	7.329	21	Pass
NVNT	1-DH1	2441	Ant1	7.518	21	Pass
NVNT	1-DH1	2480	Ant1	9.039	21	Pass
NVNT	2-DH1	2402	Ant1	7.586	21	Pass
NVNT	2-DH1	2441	Ant1	7.774	21	Pass
NVNT	2-DH1	2480	Ant1	9.316	21	Pass
NVNT	3-DH1	2402	Ant1	5.927	21	Pass
NVNT	3-DH1	2441	Ant1	6.131	21	Pass
NVNT	3-DH1	2480	Ant1	7.657	21	Pass

### Power NVNT 1-DH1 2402MHz Ant1



Power NVNT 1-DH1 2441MHz Ant1





Power NVNT 1-DH1 2480MHz Ant1



Power NVNT 2-DH1 2402MHz Ant1





Power NVNT 2-DH1 2441MHz Ant1



Power NVNT 2-DH1 2480MHz Ant1





Power NVNT 3-DH1 2402MHz Ant1



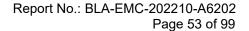
Power NVNT 3-DH1 2441MHz Ant1





Power NVNT 3-DH1 2480MHz Ant1







#### -20dB Bandwidth

Condition	Mode	Frequency	Antenna	-20 dB Bandwidth	Limit -20 dB	Verdict
		(MHz)		(MHz)	Bandwidth (MHz)	
NVNT	1-DH1	2402	Ant1	0.942	0	Pass
NVNT	1-DH1	2441	Antl	0.952	0	Pass
NVNT	1-DH1	2480	Ant1	0.919	0	Pass
NVNT	2-DH1	2402	Antl	1.253	0	Pass
NVNT	2-DH1	2441	Ant1	1.249	0	Pass
NVNT	2-DH1	2480	Antl	1.248	0	Pass
NVNT	3-DH1	2402	Ant1	1.245	0	Pass
NVNT	3-DH1	2441	Ant1	1.251	0	Pass
NVNT	3-DH1	2480	Ant1	1.252	0	Pass

## -20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1





-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1

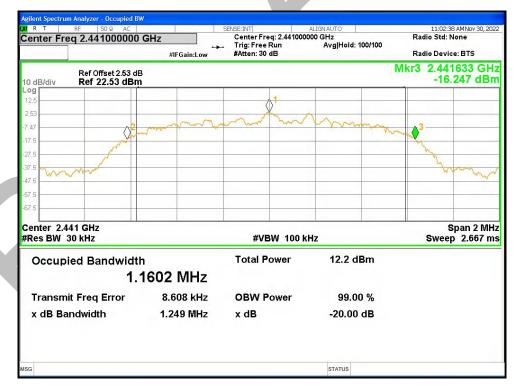


-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



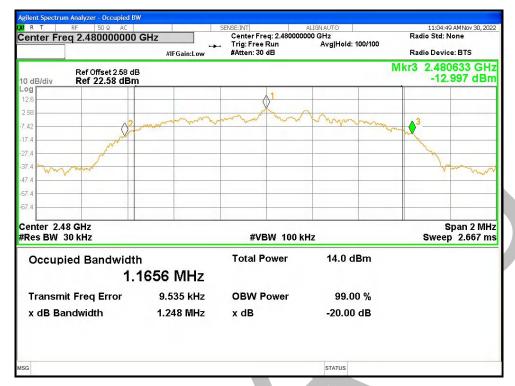


-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1





-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1





### -20dB Bandwidth NVNT 3-DH1 2480MHz Ant1





#### **Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.9311
NVNT	1-DH1	2441	Ant1	0.8642
NVNT	1-DH1	2480	Ant1	0.8655
NVNT	2-DH1	2402	Ant1	1.1635
NVNT	2-DH1	2441	Ant1	1.1611
NVNT	2-DH1	2480	Ant1	1.1658
NVNT	3-DH1	2402	Ant1	1,1265
NVNT	3-DH1	2441	Ant1	1.1364
NVNT	3-DH1	2480	Ant1	1.1314

## OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1





## OBW NVNT 1-DH1 2480MHz Ant1

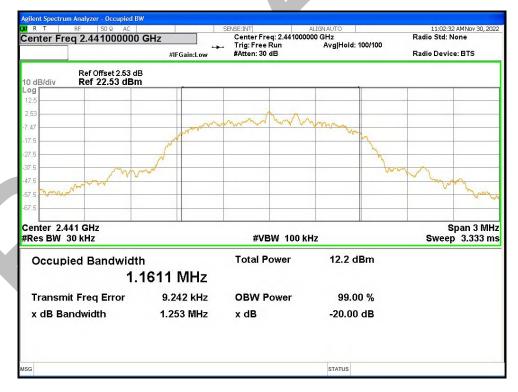


OBW NVNT 2-DH1 2402MHz Ant1





## OBW NVNT 2-DH1 2441MHz Ant1



OBW NVNT 2-DH1 2480MHz Ant1