

6.12 Radiated emissions

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 D02 II G
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.12.1 Limit

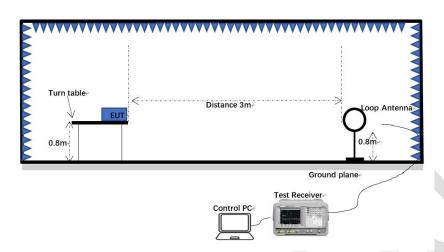
Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

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 1000MHz. 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.

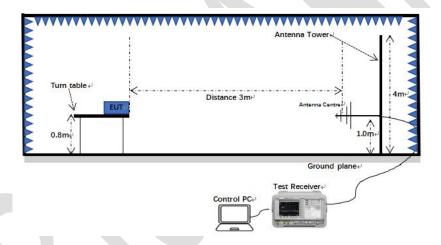


6.12.2 Test setup

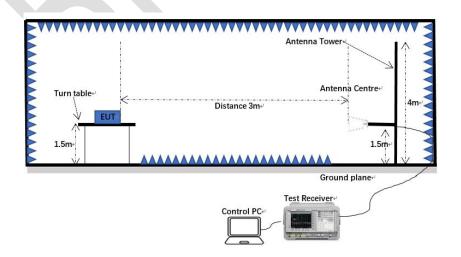
Below 1GHz:



30MHz-1GHz:



Above 1GHz:



Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481

Email: marketing@cblueasia.com www.cblueasia.com



6.12.3 Procedure

- 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.
- 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.
- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 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.
- h) Test the EUT in the lowest channel, the middle channel, the highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and i) found the X axis positioning which it is the worst case.
- j) Repeat above procedures until all frequencies measured was complete.

Note 1: Scan from 9 kHz to 40GHz, 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. Note 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.

Note 3: The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Level (dBuV) = Reading (dBuV) + Factor (dB/m)

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Tel: +86-755-23059481

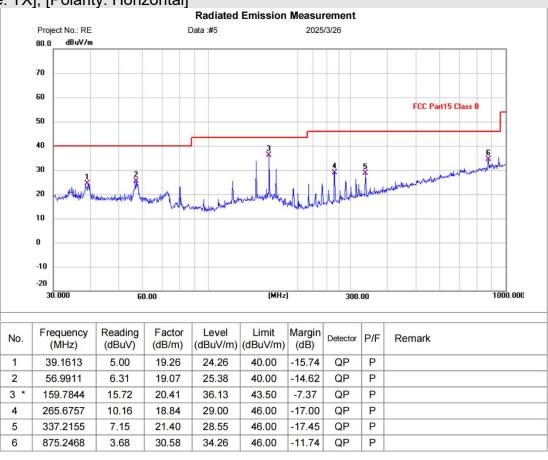
Email: marketing@cblueasia.com www.cblueasia.com



6.12.4 Test data

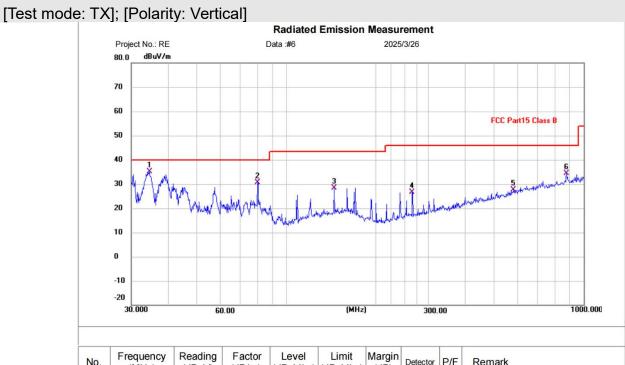
Below 1GHz

[Test mode: TX]; [Polarity: Horizontal]



Test Result: Pass





No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	34.5172	16.46	18.75	35.21	40.00	-4.79	QP	Р	
2	79.8002	15.45	15.26	30.71	40.00	-9.29	QP	Р	
3	144.3346	8.25	20.15	28.40	43.50	-15.10	QP	Р	
4	264.7456	7.91	18.82	26.73	46.00	-19.27	QP	Р	
5	580.7025	1.49	26.23	27.72	46.00	-18.28	QP	Р	
6	875.2468	3.71	30.58	34.29	46.00	-11.71	QP	Р	

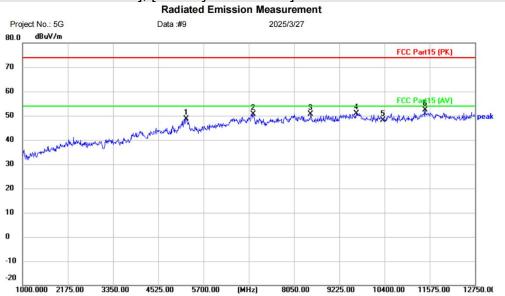
Test Result: Pass



Above 1GHz:

Remark: During the test, pre-scan the 802.11a/n mode, and found the 802.11a mode which it is worse case.

[Test mode: Band1 TX low channel]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		5253.500	38.04	10.66	48.70	74.00	-25.30	peak		
2		6992.500	38.31	12.37	50.68	74.00	-23.32	peak		
3		8484.750	39.23	11.43	50.66	74.00	-23.34	peak		
4		9671.500	37.42	13.52	50.94	74.00	-23.06	peak		
5		10360.00	34.69	13.53	48.22	74.00	-25.78	peak		
6	*	11457.50	37.65	14.62	52.27	74.00	-21.73	peak		

Test Result: Pass

10400.00 11575.00 12750.00



[Test mode: Band1 TX low channel]; [Polarity: Vertical]

Radiated Emission Measurement Project No.: 5G Data #10 2025/3/27 80.0 dBuV/m FCC Part 5 (PK) 50 30 10 0

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	Ę	5253.500	38.09	10.66	48.75	74.00	-25.25	peak	
2	(6969.000	37.89	12.46	50.35	74.00	-23.65	peak	
3	8	8202.750	39.05	11.48	50.53	74.00	-23.47	peak	
4	9	9272.000	38.57	13.05	51.62	74.00	-22.38	peak	
5	•	10360.00	34.23	13.53	47.76	74.00	-26.24	peak	
6	*	11504.50	37.48	14.87	52.35	74.00	-21.65	peak	

(MHz)

8050.00

Test Result: Pass

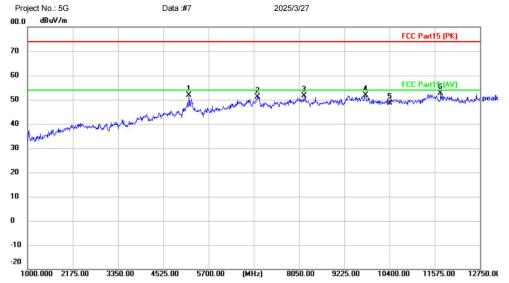
-10 -20

1000.000 2175.00



[Test mode: Band1 TX middle channel]; [Polarity: Horizontal] Radiated Emission Measurement

Data:#7 2025/3/27

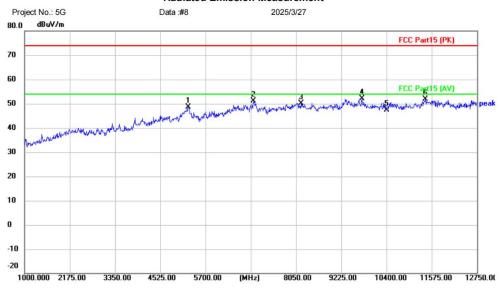


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		5194.750	42.24	9.68	51.92	74.00	-22.08	peak		
2		6980.750	38.64	12.41	51.05	74.00	-22.95	peak		
3		8179.250	40.24	11.50	51.74	74.00	-22.26	peak		
4		9777.250	38.11	13.71	51.82	74.00	-22.18	peak		
5		10400.00	35.15	13.51	48.66	74.00	-25.34	peak		
6	*	11727.75	39.25	13.46	52.71	74.00	-21.29	peak		

Test Result: Pass



[Test mode: Band1 TX middle channel]; [Polarity: Vertical] Radiated Emission Measurement

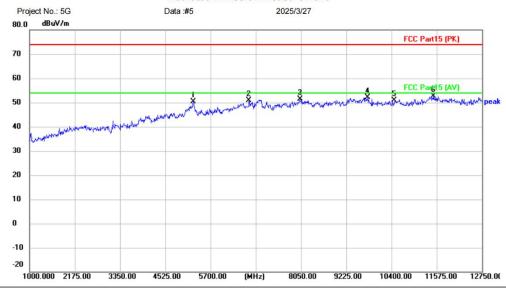


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5253.500	38.05	10.66	48.71	74.00	-25.29	peak	
2		6945.500	38.67	12.47	51.14	74.00	-22.86	peak	
3		8179.250	38.65	11.50	50.15	74.00	-23.85	peak	
4	*	9765.500	38.31	13.76	52.07	74.00	-21.93	peak	
5		10400.00	33.84	13.51	47.35	74.00	-26.65	peak	
6		11410.50	37.56	14.33	51.89	74.00	-22.11	peak	

Test Result: Pass



[Test mode: Band1 TX High channel]; [Polarity: Horizontal] Radiated Emission Measurement

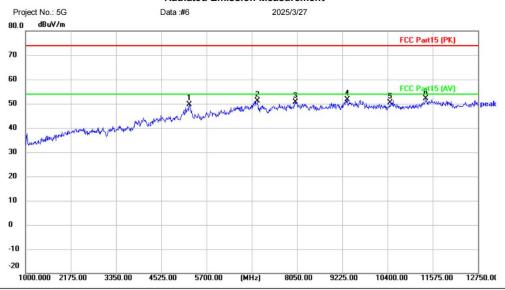


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		5253.500	39.64	10.66	50.30	74.00	-23.70	peak		
2		6698.750	39.78	11.22	51.00	74.00	-23.00	peak		
3		8026.500	39.80	11.65	51.45	74.00	-22.55	peak		
4		9777.250	38.31	13.71	52.02	74.00	-21.98	peak		
5		10480.00	37.07	13.70	50.77	74.00	-23.23	peak		
6	*	11492.75	37.85	14.82	52.67	74.00	-21.33	peak		

Test Result: Pass



[Test mode: Band1 TX High channel]; [Polarity: Vertical] Radiated Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5253.500	39.02	10.66	49.68	74.00	-24.32	peak	
2		7027.750	41.13	9.89	51.02	74.00	-22.98	peak	
3	j	8003.000	38.96	11.61	50.57	74.00	-23.43	peak	
4		9354.250	38.27	13.34	51.61	74.00	-22.39	peak	
5		10480.00	36.68	13.70	50.38	74.00	-23.62	peak	
6	*	11387.00	37.93	14.13	52.06	74.00	-21.94	peak	

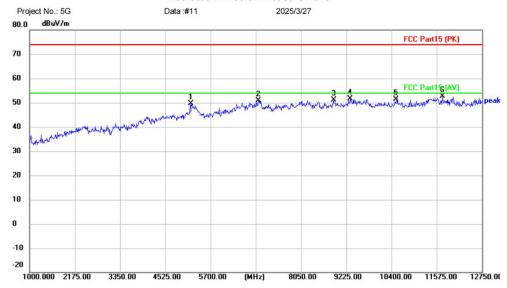
Test Result: Pass





[Test mode: Band2 TX low channel]; [Polarity: Horizontal]

Radiated Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5194.750	42.20	7.45	49.65	74.00	-24.35	peak	
2	(6945.500	38.25	12.55	50.80	74.00	-23.20	peak	
3		8896.000	38.41	12.62	51.03	74.00	-22.97	peak	
4	(9330.750	38.24	13.29	51.53	74.00	-22.47	peak	
5		10520.00	37.60	13.72	51.32	74.00	-22.68	peak	
6	*	11716.00	39.14	13.47	52.61	74.00	-21.39	peak	

Test Result: Pass



10400.00 11575.00 12750.00



[Test mode: Band2 TX low channel]; [Polarity: Vertical]

Radiated Emission Measurement Project No.: 5G Data :#12 2025/3/27 80.0 dBuV/m FCC Part15 (PK) 70 60 50 40 30 20 10 0 -10

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		5300.500	38.28	9.51	47.79	74.00	-26.21	peak		
2		6945.500	38.57	12.55	51.12	74.00	-22.88	peak		
3		8649.250	38.71	11.79	50.50	74.00	-23.50	peak		
4	*	9659.750	38.16	13.52	51.68	74.00	-22.32	peak		
5		10520.00	36.29	13.72	50.01	74.00	-23.99	peak		
6		11998.00	37.41	14.26	51.67	74.00	-22.33	peak		

(MHz)

8050.00

Test Result: Pass

-20

1000.000 2175.00



[Test mode: Band2 TX middle channel]; [Polarity: Horizontal] Radiated Emission Measurement

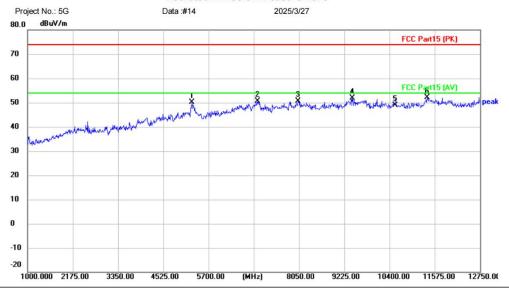


										_		
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over					
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment			
1		5265.250	41.06	9.42	50.48	74.00	-23.52	peak				
2		6969.000	39.18	12.46	51.64	74.00	-22.36	peak				
3		8296.750	40.19	11.00	51.19	74.00	-22.81	peak				
4		9671.500	39.02	13.52	52.54	74.00	-21.46	peak				
5	13	10560.00	37.88	13.66	51.54	74.00	-22.46	peak				
6	*	11622.00	38.15	14.48	52.63	74.00	-21.37	peak				

Test Result: Pass



[Test mode: Band2 TX middle channel]; [Polarity: Vertical] Radiated Emission Measurement

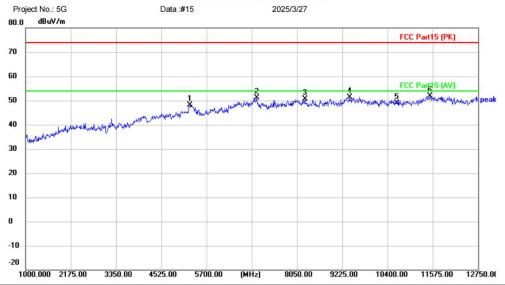


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5265.250	40.72	9.42	50.14	74.00	-23.86	peak	
2		6969.000	38.29	12.46	50.75	74.00	-23.25	peak	
3		8026.500	39.05	11.65	50.70	74.00	-23.30	peak	
4		9436.500	38.80	12.99	51.79	74.00	-22.21	peak	
5		10560.00	35.20	13.66	48.86	74.00	-25.14	peak	
6	*	11375.25	38.20	13.99	52.19	74.00	-21.81	peak	

Test Result: Pass



[Test mode: Band2 TX High channel]; [Polarity: Horizontal] Radiated Emission Measurement

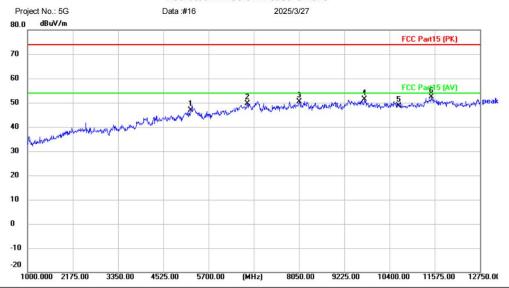


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5265.250	38.80	9.42	48.22	74.00	-25.78	peak	
2	7	7004.250	41.60	9.52	51.12	74.00	-22.88	peak	
3	8	8261.500	39.54	11.15	50.69	74.00	-23.31	peak	
4	(9413.000	38.56	12.80	51.36	74.00	-22.64	peak	
5	•	10640.00	35.55	13.29	48.84	74.00	-25.16	peak	
6	* .	11504.50	36.95	14.87	51.82	74.00	-22.18	peak	

Test Result: Pass



[Test mode: Band2 TX High channel]; [Polarity: Vertical] Radiated Emission Measurement



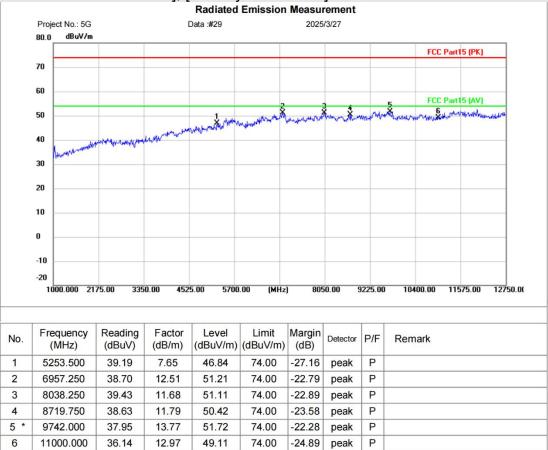
No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5241.750	37.55	9.44	46.99	74.00	-27.01	peak	
2		6710.500	38.29	11.30	49.59	74.00	-24.41	peak	
3		8050.000	38.66	11.70	50.36	74.00	-23.64	peak	
4		9742.000	37.53	13.77	51.30	74.00	-22.70	peak	
5		10640.00	35.45	13.29	48.74	74.00	-25.26	peak	
6	*	11492.75	37.65	14.82	52.47	74.00	-21.53	peak	

Test Result: Pass





[Test mode: Band3 TX low channel]; [Polarity: Horizontal]



Test Result: Pass

10400.00 11575.00 12750.00



1000.000 2175.00

3350.00

4525.00

5700.00

[Test mode: Band3 TX low channel]; [Polarity: Vertical] Radiated Emission Measurement Project No.: 5G Data :#30 2025/3/27 80.0 dBuV/m FCC Part15 (PK) 70 60 50 40 30 20 10 0 -10 -20

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		5488.500	39.08	10.07	49.15	74.00	-24.85	peak		
2		6945.500	38.33	12.49	50.82	74.00	-23.18	peak		
3		8202.750	39.54	11.48	51.02	74.00	-22.98	peak		
4		9460.000	38.19	12.97	51.16	74.00	-22.84	peak		
5		11000.00	36.10	12.97	49.07	74.00	-24.93	peak		
6	*	11739.50	38.26	13.47	51.73	74.00	-22.27	peak		

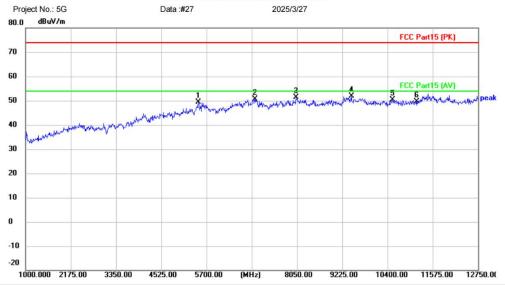
(MHz)

8050.00

Test Result: Pass



[Test mode: Band3 TX middle channel]; [Polarity: Horizontal] Radiated Emission Measurement

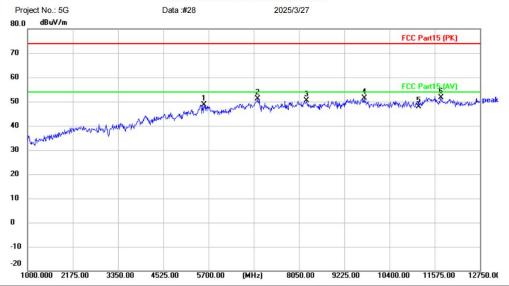


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5488.500	39.20	10.07	49.27	74.00	-24.73	peak	
2		6957.250	38.20	12.51	50.71	74.00	-23.29	peak	
3		8026.500	39.83	11.65	51.48	74.00	-22.52	peak	
4	*	9460.000	38.92	12.97	51.89	74.00	-22.11	peak	
5		10529.25	36.70	13.71	50.41	74.00	-23.59	peak	
6		11160.00	36.32	13.27	49.59	74.00	-24.41	peak	

Test Result: Pass



[Test mode: Band3 TX middle channel]; [Polarity: Vertical] Radiated Emission Measurement



Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
5	582.500	38.70	9.96	48.66	74.00	-25.34	peak	
69	969.000	38.61	12.45	51.06	74.00	-22.94	peak	
82	249.750	39.08	11.20	50.28	74.00	-23.72	peak	
9	742.000	37.66	13.77	51.43	74.00	-22.57	peak	
1	1160.00	34.50	13.27	47.77	74.00	-26.23	peak	
* 1	1739.50	38.13	13.47	51.60	74.00	-22.40	peak	
_	5: 6: 8: 9: 1	MHz 5582.500 6969.000 8249.750 9742.000 11160.00	Mk. Freq. Level MHz dBuV 5582.500 38.70 6969.000 38.61 8249.750 39.08 9742.000 37.66 11160.00 34.50	Mk. Freq. Level Factor MHz dBuV dB 5582.500 38.70 9.96 6969.000 38.61 12.45 8249.750 39.08 11.20 9742.000 37.66 13.77 11160.00 34.50 13.27	Mk. Freq. Level Factor ment MHz dBuV dB dBuV/m 5582.500 38.70 9.96 48.66 6969.000 38.61 12.45 51.06 8249.750 39.08 11.20 50.28 9742.000 37.66 13.77 51.43 11160.00 34.50 13.27 47.77	Mk. Freq. Level Factor ment Limit MHz dBuV dB dBuV/m dBuV/	Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB dB	Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 5582.500 38.70 9.96 48.66 74.00 -25.34 peak 6969.000 38.61 12.45 51.06 74.00 -22.94 peak 8249.750 39.08 11.20 50.28 74.00 -23.72 peak 9742.000 37.66 13.77 51.43 74.00 -22.57 peak 11160.00 34.50 13.27 47.77 74.00 -26.23 peak

Test Result: Pass



[Test mode: Band3 TX High channel]; [Polarity: Horizontal] Radiated Emission Measurement



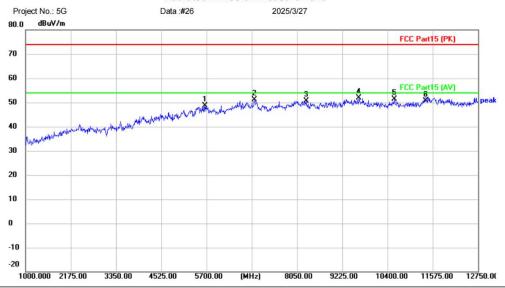
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4090.250	41.09	3.49	44.58	74.00	-29.42	peak		
2		5641.250	40.24	9.38	49.62	74.00	-24.38	peak		
3		6945.500	38.40	12.49	50.89	74.00	-23.11	peak		
4		8261.500	39.78	11.15	50.93	74.00	-23.07	peak		
5	*	9753.750	38.86	13.80	52.66	74.00	-21.34	peak		
6		11400.00	38.00	14.27	52.27	74.00	-21.73	peak		

Test Result: Pass



[Test mode: Band3 TX High channel]; [Polarity: Vertical] Radiated Emission Measurement

2025/3/27



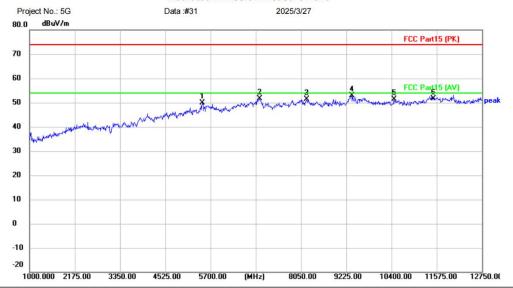
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5653.000	39.34	9.28	48.62	74.00	-25.38	peak	
2	(6945.500	38.52	12.49	51.01	74.00	-22.99	peak	
3		8285.000	39.51	11.06	50.57	74.00	-23.43	peak	
4	*	9659.750	38.31	13.52	51.83	74.00	-22.17	peak	
5	0	10576.25	37.79	13.63	51.42	74.00	-22.58	peak	
6	3	11400.00	36.48	14.27	50.75	74.00	-23.25	peak	

Test Result: Pass



[Test mode: Band4 TX low channel]; [Polarity: Horizontal]

Radiated Emission Measurement



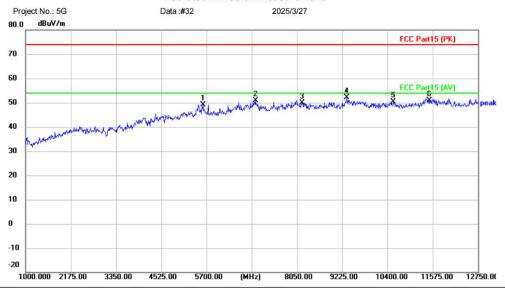
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5488.500	39.88	10.07	49.95	74.00	-24.05	peak	
2		6969.000	39.17	12.45	51.62	74.00	-22.38	peak	
3		8202.750	39.93	11.48	51.41	74.00	-22.59	peak	
4	*	9366.000	39.75	13.19	52.94	74.00	-21.06	peak	
5		10470.50	37.60	13.67	51.27	74.00	-22.73	peak	
6		11490.00	36.90	14.81	51.71	74.00	-22.29	peak	

Test Result: Pass



[Test mode: Band4 TX low channel]; [Polarity: Vertical] Radiated Emission Measurement

2025/3/27



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		5606.000	39.13	10.08	49.21	74.00	-24.79	peak		
2		6969.000	38.51	12.45	50.96	74.00	-23.04	peak		
3		8179.250	38.50	11.50	50.00	74.00	-24.00	peak		
4	*	9342.500	38.70	13.35	52.05	74.00	-21.95	peak		
5	, 1	10552.75	36.67	13.67	50.34	74.00	-23.66	peak		
6		11490.00	36.13	14.81	50.94	74.00	-23.06	peak		

Test Result: Pass

10400.00 11575.00 12750.00



[Test mode: Band4 TX middle channel]; [Polarity: Horizontal] Radiated Emission Measurement

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5747.000	41.40	9.38	50.78	74.00	-23.22	peak	
2		7004.250	42.07	9.52	51.59	74.00	-22.41	peak	
3		8226.250	39.57	11.34	50.91	74.00	-23.09	peak	
4		9460.000	39.44	12.97	52.41	74.00	-21.59	peak	
5		10541.00	38.26	13.69	51.95	74.00	-22.05	peak	
6	*	11570.00	38.00	14.80	52.80	74.00	-21.20	peak	

(MHz)

8050.00

5700.00

Test Result: Pass

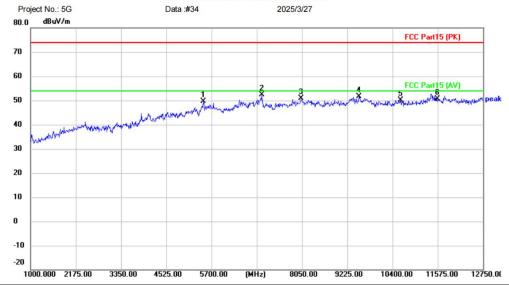
-10 -20

1000.000 2175.00

3350.00



[Test mode: Band4 TX middle channel]; [Polarity: Vertical] Radiated Emission Measurement

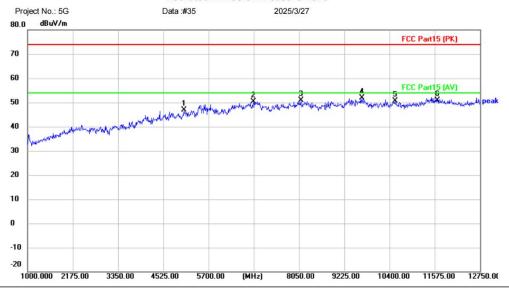


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5488.500	39.54	10.07	49.61	74.00	-24.39	peak	
2	*	7004.250	42.76	9.52	52.28	74.00	-21.72	peak	
3		8026.500	39.27	11.65	50.92	74.00	-23.08	peak	
4		9530.500	38.82	12.91	51.73	74.00	-22.27	peak	
5		10611.50	36.61	13.50	50.11	74.00	-23.89	peak	
6		11570.00	35.94	14.80	50.74	74.00	-23.26	peak	

Test Result: Pass



[Test mode: Band4 TX High channel]; [Polarity: Horizontal] Radiated Emission Measurement



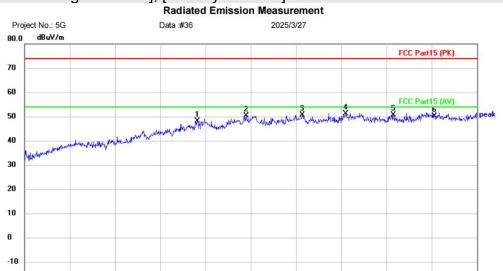
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5065.500	39.18	7.65	46.83	74.00	-27.17	peak	
2		6863.250	38.47	11.88	50.35	74.00	-23.65	peak	
3		8097.000	39.09	11.79	50.88	74.00	-23.12	peak	
4	*	9683.250	38.32	13.52	51.84	74.00	-22.16	peak	
5		10541.00	36.88	13.69	50.57	74.00	-23.43	peak	
6		11650.00	36.65	14.12	50.77	74.00	-23.23	peak	

Test Result: Pass

10400.00 11575.00 12750.00



[Test mode: Band4 TX High channel]; [Polarity: Vertical]



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5488.500	38.10	10.07	48.17	74.00	-25.83	peak	
2		6757.500	38.61	11.88	50.49	74.00	-23.51	peak	
3		8214.500	39.29	11.41	50.70	74.00	-23.30	peak	
4	*	9342.500	37.73	13.35	51.08	74.00	-22.92	peak	
5		10576.25	37.07	13.63	50.70	74.00	-23.30	peak	
6		11650.00	35.96	14.12	50.08	74.00	-23.92	peak	

(MHz)

8050.00

Test Result: Pass

-20

1000.000 2175.00

3350.00



6.13 Radiated emissions which fall in the restricted bands

Test Standard	47 CFR Part 15, Subpart E 15.407				
Test Method	KDB 789033 D02 II G				
Test Mode (Pre-Scan)	TX				
Test Mode (Final Test)	TX				

6.13.1 Limit

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.