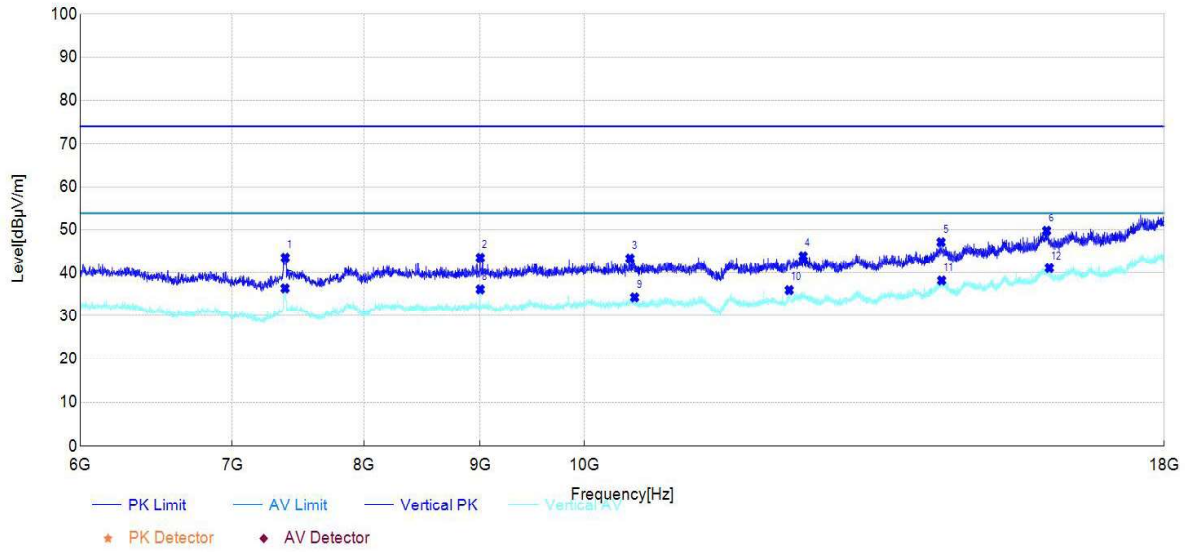
Test Mode:	Zigbee	Test Date:	2025-05-19
Test Channel:	18	Test Engineer:	Stone Zhang



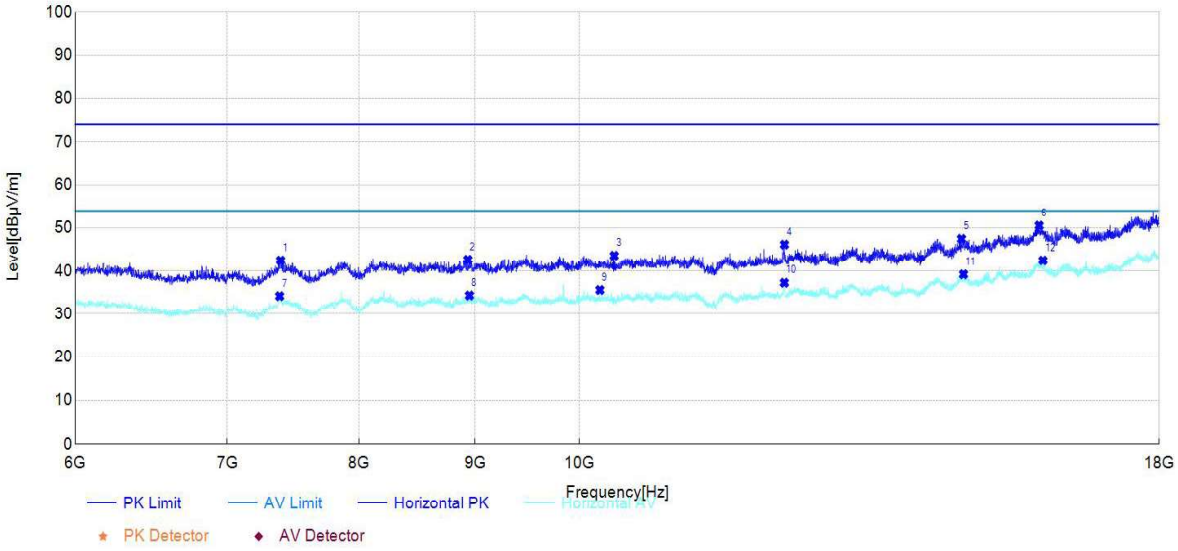
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7386.00	46.43	43.60	-2.83	74.00	30.40	150	158	PK	Vertical	PASS
2	9000.00	44.36	43.58	-0.78	74.00	30.42	150	85	PK	Vertical	PASS
3	10474.50	42.42	43.42	1.00	74.00	30.58	150	211	PK	Vertical	PASS
4	12484.50	41.41	43.94	2.53	74.00	30.06	150	158	PK	Vertical	PASS
5	14356.50	41.65	47.14	5.49	74.00	26.86	150	185	PK	Vertical	PASS
6	15978.00	40.46	49.75	9.29	74.00	24.25	150	8	PK	Vertical	PASS
7	7384.50	39.25	36.41	-2.84	54.00	17.59	150	158	AV	Vertical	PASS
8	9000.00	36.96	36.18	-0.78	54.00	17.82	150	80	AV	Vertical	PASS
9	10524.00	33.23	34.36	1.13	54.00	19.64	150	173	AV	Vertical	PASS
10	12309.00	34.31	36.01	1.70	54.00	17.99	150	6	AV	Vertical	PASS
11	14365.50	32.70	38.21	5.51	54.00	15.79	150	192	AV	Vertical	PASS
12	16021.50	32.09	41.06	8.97	54.00	12.94	150	3	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Test Mode:	Zigbee	Test Date:	2025-05-19
Test Channel:	25	Test Engineer:	Stone Zhang



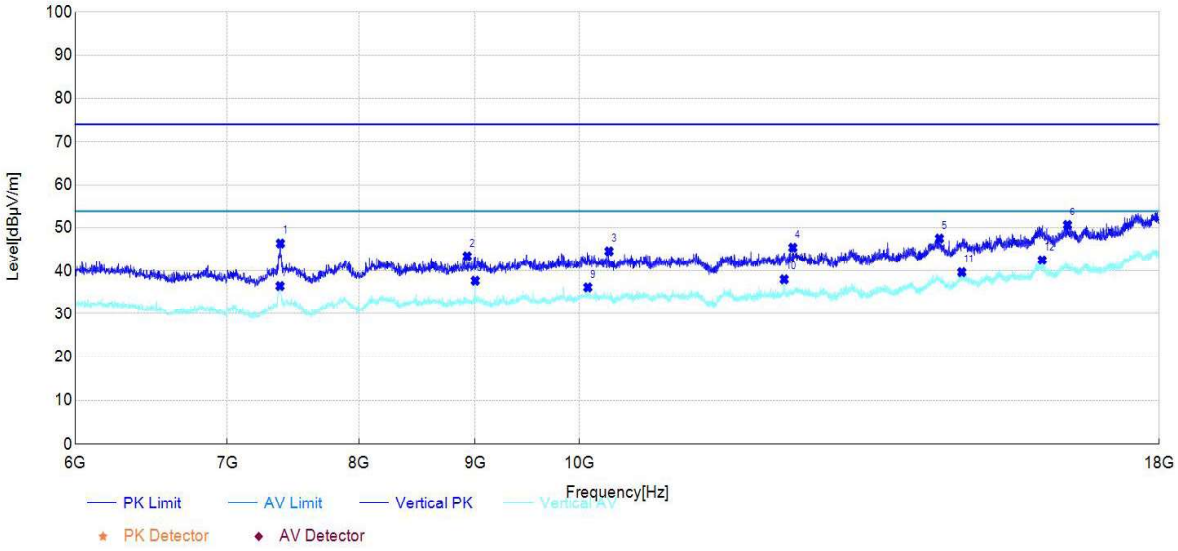
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7389.00	45.25	42.44	-2.81	74.00	31.56	150	226	PK	Horizontal	PASS
2	8932.50	43.68	42.62	-1.06	74.00	31.38	150	358	PK	Horizontal	PASS
3	10360.50	43.42	43.55	0.13	74.00	30.45	150	42	PK	Horizontal	PASS
4	12312.00	44.46	46.13	1.67	74.00	27.87	150	341	PK	Horizontal	PASS
5	14731.50	42.05	47.45	5.40	74.00	26.55	150	268	PK	Horizontal	PASS
6	15937.50	40.74	50.52	9.78	74.00	23.48	150	226	PK	Horizontal	PASS
7	7381.50	37.01	34.15	-2.86	54.00	19.85	150	180	AV	Horizontal	PASS
8	8947.50	35.30	34.31	-0.99	54.00	19.69	150	15	AV	Horizontal	PASS
9	10212.00	35.62	35.58	-0.04	54.00	18.42	150	15	AV	Horizontal	PASS
10	12310.50	35.59	37.24	1.65	54.00	16.76	150	352	AV	Horizontal	PASS
11	14761.50	33.77	39.19	5.42	54.00	14.81	150	81	AV	Horizontal	PASS
12	15999.00	32.66	42.44	9.78	54.00	11.56	150	69	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Test Mode:	Zigbee	Test Date:	2025-05-19
Test Channel:	25	Test Engineer:	Stone Zhang



Suspected Data List

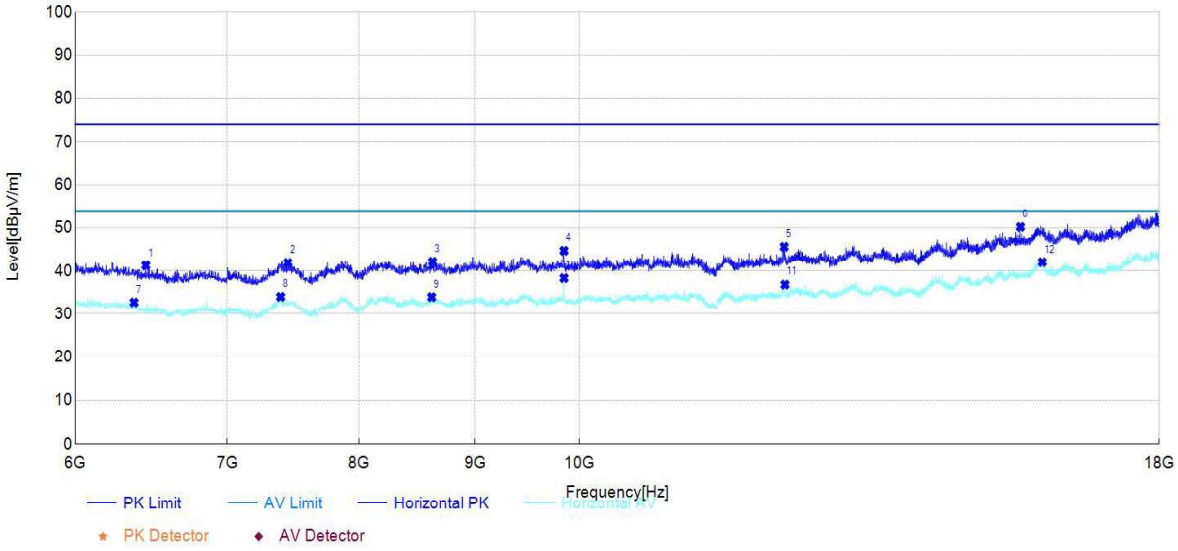
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7387.50	49.22	46.40	-2.82	74.00	27.60	150	195	PK	Vertical	PASS
2	8926.50	44.54	43.46	-1.08	74.00	30.54	150	314	PK	Vertical	PASS
3	10306.50	44.17	44.60	0.43	74.00	29.40	150	0	PK	Vertical	PASS
4	12417.00	43.04	45.44	2.40	74.00	28.56	150	146	PK	Vertical	PASS
5	14406.00	41.97	47.52	5.55	74.00	26.48	150	337	PK	Vertical	PASS
6	16402.50	40.91	50.62	9.71	74.00	23.38	150	1	PK	Vertical	PASS
7	7384.50	39.32	36.48	-2.84	54.00	17.52	150	164	AV	Vertical	PASS
8	9000.00	38.48	37.70	-0.78	54.00	16.30	150	80	AV	Vertical	PASS
9	10087.50	35.76	36.18	0.42	54.00	17.82	150	0	AV	Vertical	PASS
10	12309.00	36.32	38.02	1.70	54.00	15.98	150	15	AV	Vertical	PASS
11	14736.00	34.04	39.65	5.61	54.00	14.35	150	164	AV	Vertical	PASS
12	15987.00	33.25	42.53	9.28	54.00	11.47	150	1	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Test Mode:	Zigbee	Test Date:	2025-05-19
Test Channel:	26	Test Engineer:	Stone Zhang



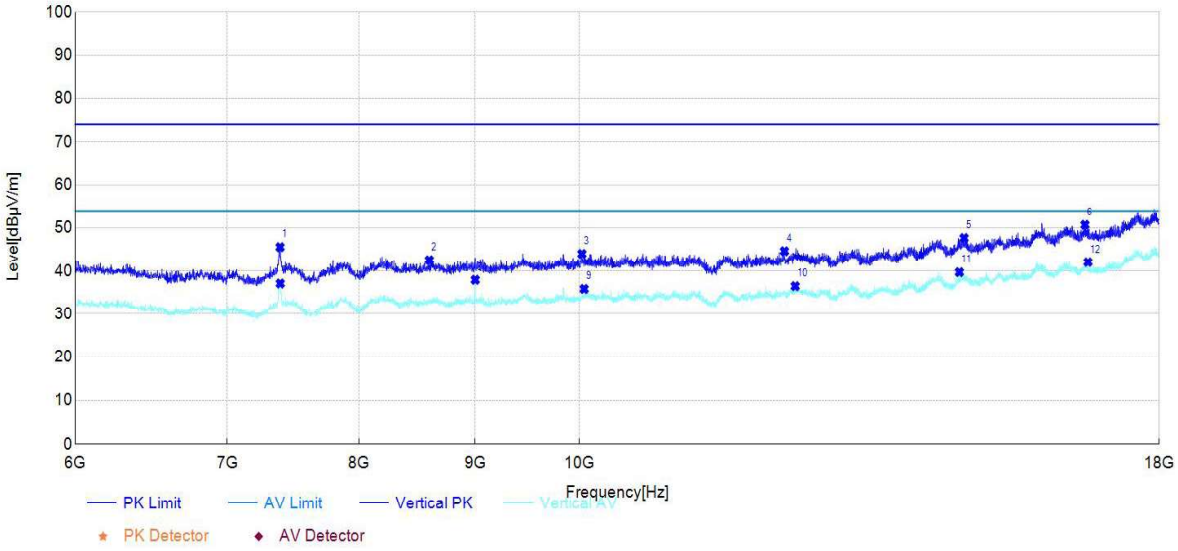
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6445.50	46.46	41.26	-5.20	74.00	32.74	150	228	PK	Horizontal	PASS
2	7443.00	44.75	41.90	-2.85	74.00	32.10	150	171	PK	Horizontal	PASS
3	8619.00	43.41	42.16	-1.25	74.00	31.84	150	134	PK	Horizontal	PASS
4	9847.50	45.05	44.72	-0.33	74.00	29.28	150	255	PK	Horizontal	PASS
5	12309.00	44.00	45.64	1.64	74.00	28.36	150	321	PK	Horizontal	PASS
6	15639.00	43.17	50.20	7.03	74.00	23.80	150	263	PK	Horizontal	PASS
7	6369.00	37.51	32.70	-4.81	54.00	21.30	150	347	AV	Horizontal	PASS
8	7389.00	36.81	34.00	-2.81	54.00	20.00	150	236	AV	Horizontal	PASS
9	8611.50	35.21	33.95	-1.26	54.00	20.05	150	167	AV	Horizontal	PASS
10	9847.50	38.65	38.32	-0.33	54.00	15.68	150	125	AV	Horizontal	PASS
11	12318.00	35.10	36.81	1.71	54.00	17.19	150	343	AV	Horizontal	PASS
12	15988.50	32.26	42.04	9.78	54.00	11.96	150	29	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Test Mode:	Zigbee	Test Date:	2025-05-19
Test Channel:	26	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7384.50	48.39	45.55	-2.84	74.00	28.45	150	158	PK	Vertical	PASS
2	8590.50	43.84	42.52	-1.32	74.00	31.48	150	8	PK	Vertical	PASS
3	10027.50	43.53	43.99	0.46	74.00	30.01	150	80	PK	Vertical	PASS
4	12312.00	42.89	44.62	1.73	74.00	29.38	150	296	PK	Vertical	PASS
5	14770.50	42.02	47.64	5.62	74.00	26.36	150	123	PK	Vertical	PASS
6	16695.00	40.42	50.68	10.26	74.00	23.32	150	257	PK	Vertical	PASS
7	7386.00	39.90	37.07	-2.83	54.00	16.93	150	154	AV	Vertical	PASS
8	9000.00	38.70	37.92	-0.78	54.00	16.08	150	115	AV	Vertical	PASS
9	10050.00	35.38	35.82	0.44	54.00	18.18	150	199	AV	Vertical	PASS
10	12447.00	34.00	36.46	2.46	54.00	17.54	150	211	AV	Vertical	PASS
11	14700.00	34.08	39.68	5.60	54.00	14.32	150	249	AV	Vertical	PASS
12	16746.00	32.05	42.05	10.00	54.00	11.95	150	73	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52480 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.7.3. Test Setting

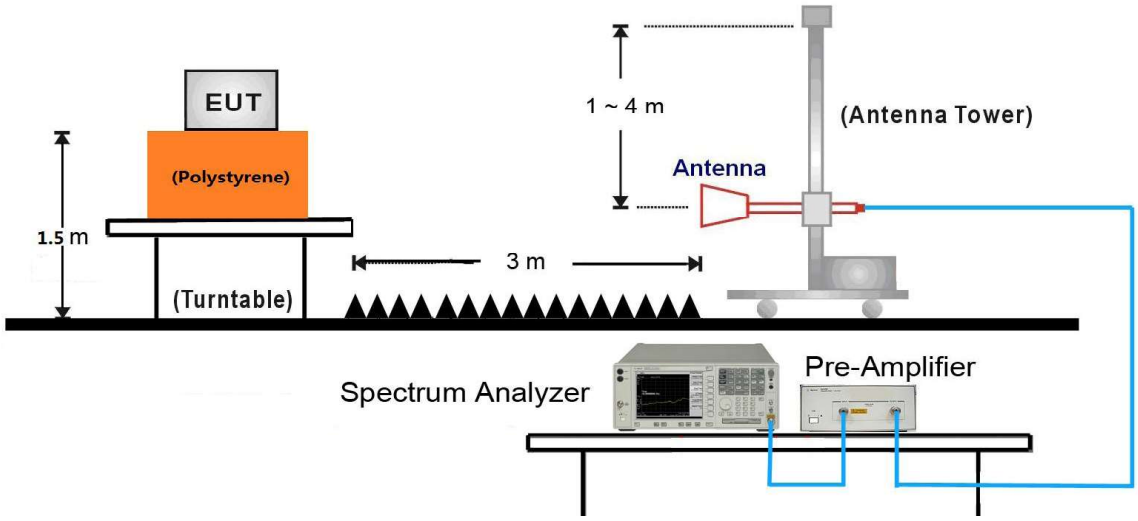
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

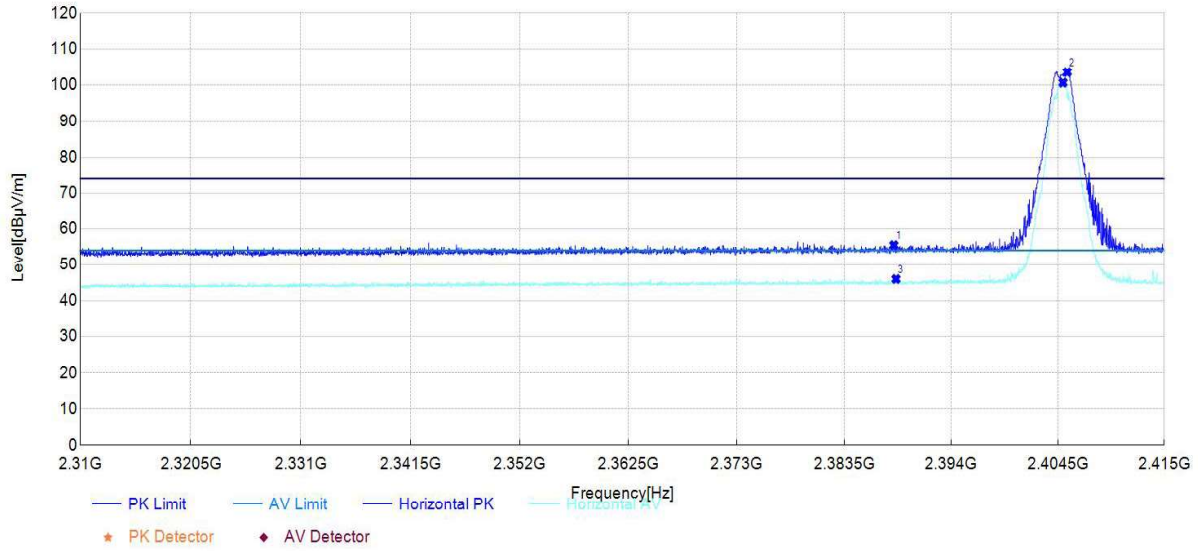
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Power Average (RMS)
5. Number of sweep point = 2001 (Number of sweep points must be ≥ 2 x span / RBW)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

7.7.4. Test Setup



7.7.5. Test Result

Project Information			
EUT:	Smart Hub WZ3	Model:	3RSH06027BWZ
Test Date:	2025-05-19	Voltage:	AC 120V 60Hz
Environment:	Temp: 24.2℃; Humi:41%	Engineer:	Stone Zhang
Remark:	Transmit by Zigbee at Channel 2405MHz		

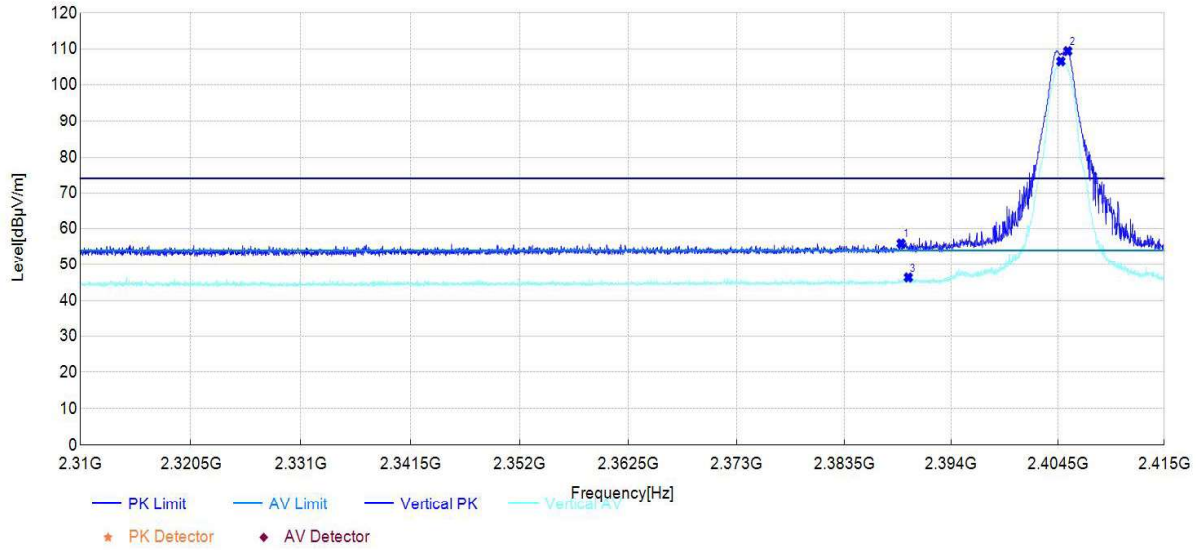


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.38	19.40	55.49	36.09	74.00	18.51	150	312	PK	Horizontal	PASS
2	2405.42	67.32	103.48	36.16	/	/	150	212	PK	Horizontal	PASS
3	2388.59	9.91	46.00	36.09	54.00	8.00	150	180	AV	Horizontal	PASS
4	2405.00	64.42	100.58	36.16	/	/	150	212	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



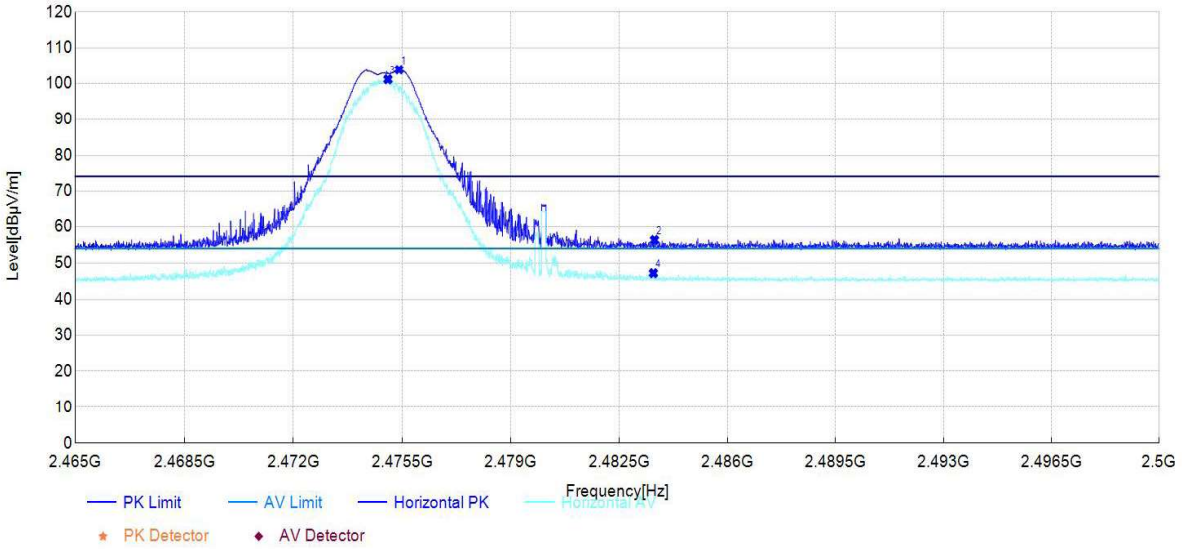
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2389.08	19.98	55.93	35.95	74.00	18.07	150	118	PK	Vertical	PASS
2	2405.47	73.35	109.35	36.00	/	/	150	357	PK	Vertical	PASS
3	2389.79	10.42	46.37	35.95	54.00	7.63	150	285	AV	Vertical	PASS
4	2404.79	70.57	106.56	35.99	/	/	150	354	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Smart Hub WZ3	Model:	3RSH06027BWZ
Test Date:	2025-05-19	Voltage:	AC 120V 60Hz
Environment:	Temp: 24.2℃; Humi:41%	Engineer:	Stone Zhang
Remark:	Transmit by Zigbee at Channel 2475MHz		

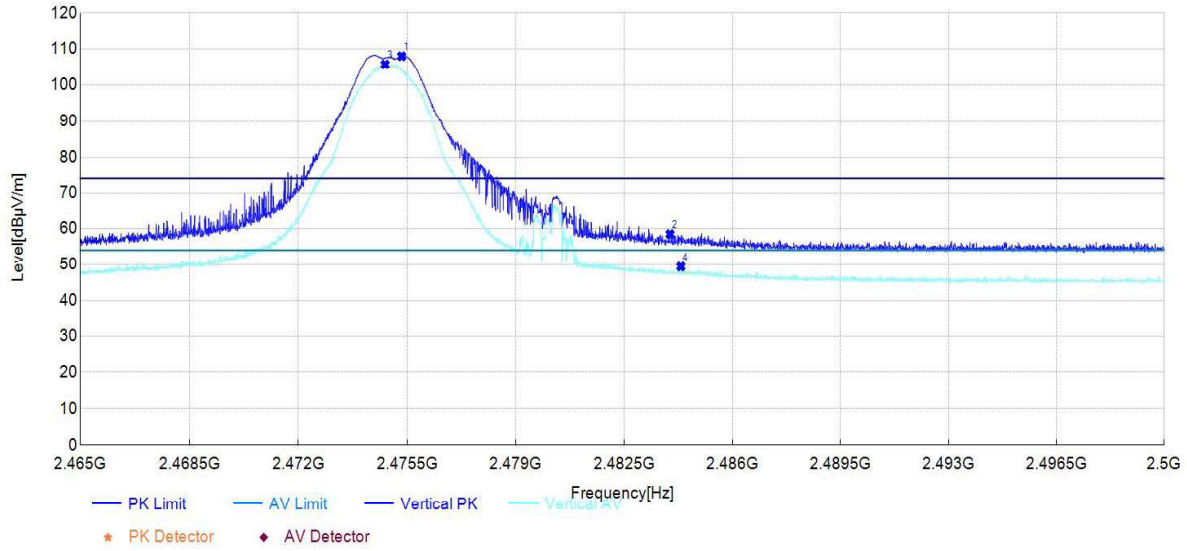


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2475.41	67.50	103.84	36.34	/	/	150	210	PK	Horizontal	PASS
2	2483.64	19.99	56.35	36.36	74.00	17.65	150	210	PK	Horizontal	PASS
3	2475.05	64.76	101.10	36.34	/	/	150	210	AV	Horizontal	PASS
4	2483.61	10.91	47.27	36.36	54.00	6.73	150	204	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



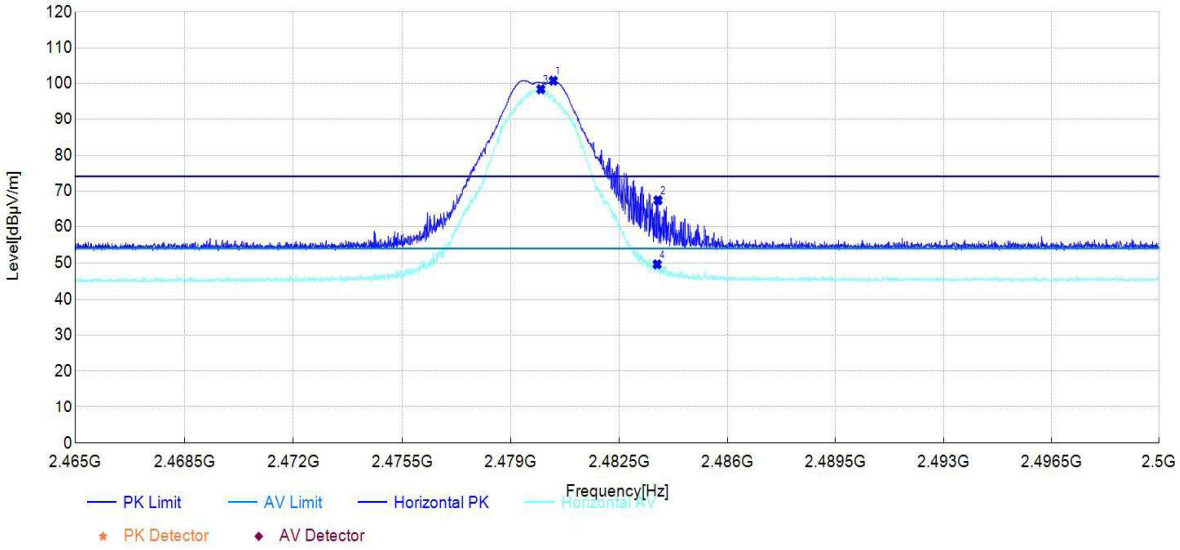
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2475.33	71.82	107.90	36.08	/	/	150	35	PK	Vertical	PASS
2	2483.98	22.38	58.46	36.08	74.00	15.54	150	116	PK	Vertical	PASS
3	2474.79	69.52	105.59	36.07	/	/	150	32	AV	Vertical	PASS
4	2484.33	13.37	49.45	36.08	54.00	4.55	150	7	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Smart Hub WZ3	Model:	3RSH06027BWZ
Test Date:	2025-05-19	Voltage:	AC 120V 60Hz
Environment:	Temp: 24.2℃; Humi:41%	Engineer:	Stone Zhang
Remark:	Transmit by Zigbee at Channel 2480MHz		

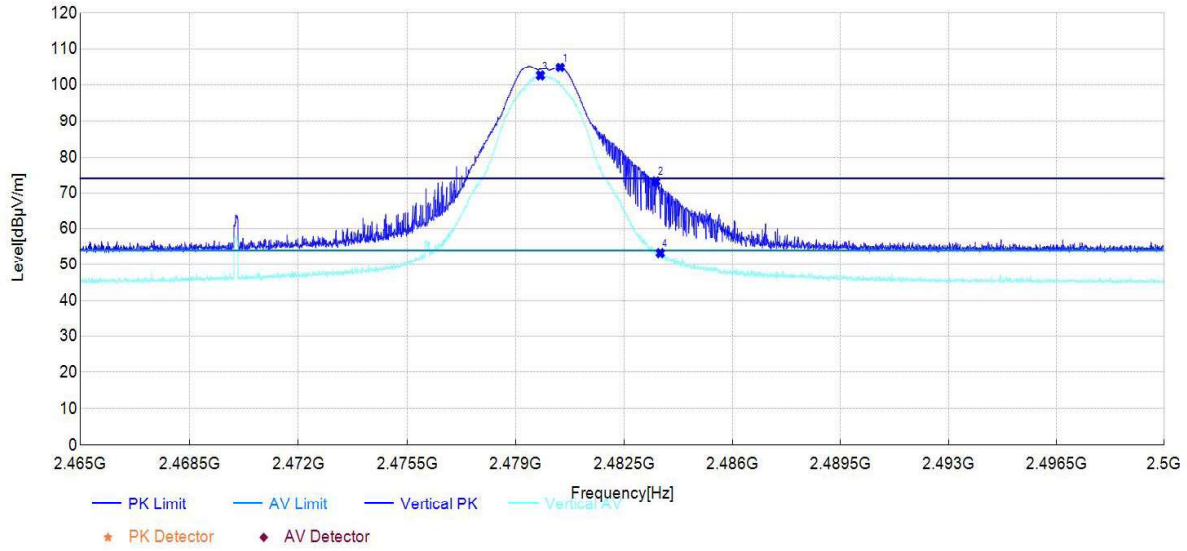


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2480.38	64.34	100.69	36.35	/	/	150	206	PK	Horizontal	PASS
2	2483.76	31.12	67.48	36.36	74.00	6.52	150	217	PK	Horizontal	PASS
3	2479.97	62.01	98.36	36.35	/	/	150	210	AV	Horizontal	PASS
4	2483.73	13.32	49.68	36.36	54.00	4.32	150	217	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2480.44	68.69	104.77	36.08	/	/	150	35	PK	Vertical	PASS
2	2483.53	37.09	73.17	36.08	74.00	0.83	150	0	PK	Vertical	PASS
3	2479.80	66.39	102.47	36.08	/	/	150	35	AV	Vertical	PASS
4	2483.67	17.23	53.31	36.08	54.00	0.69	150	5	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

7.8. AC Conducted Emissions Measurement

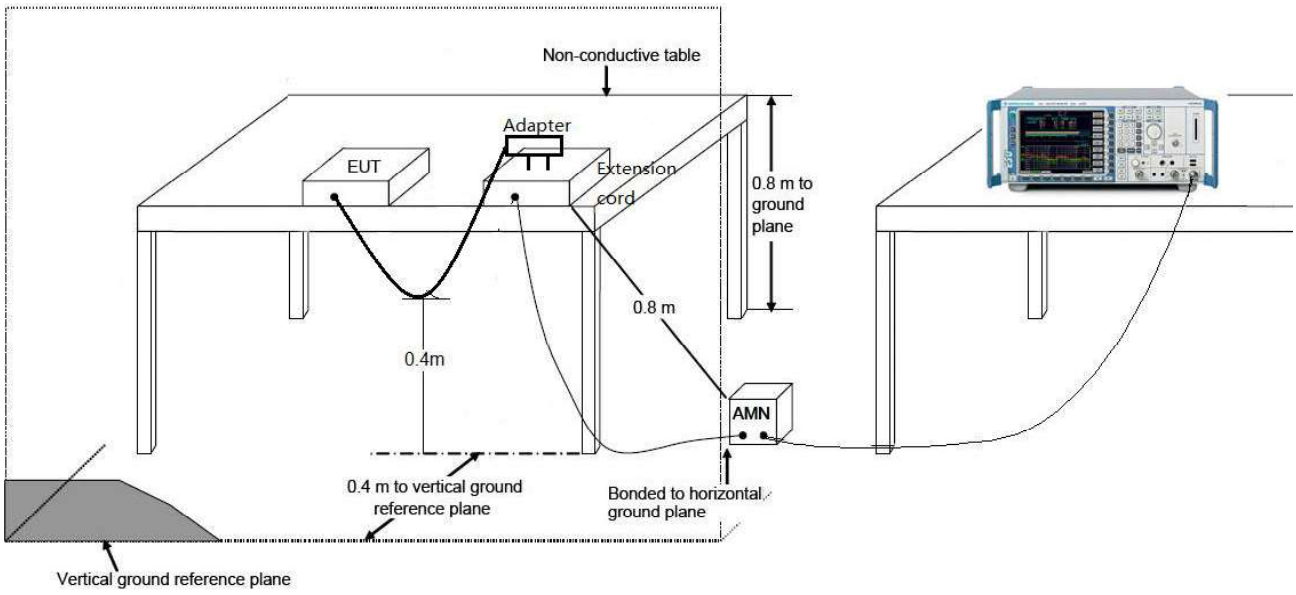
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

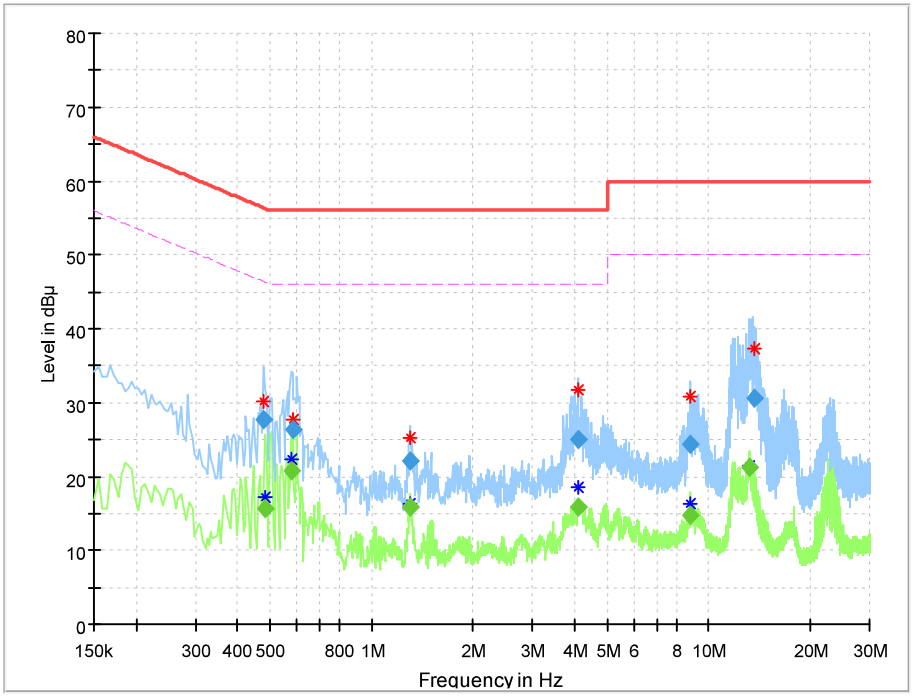
7.8.2. Test Setup



7.8.3. Test Result

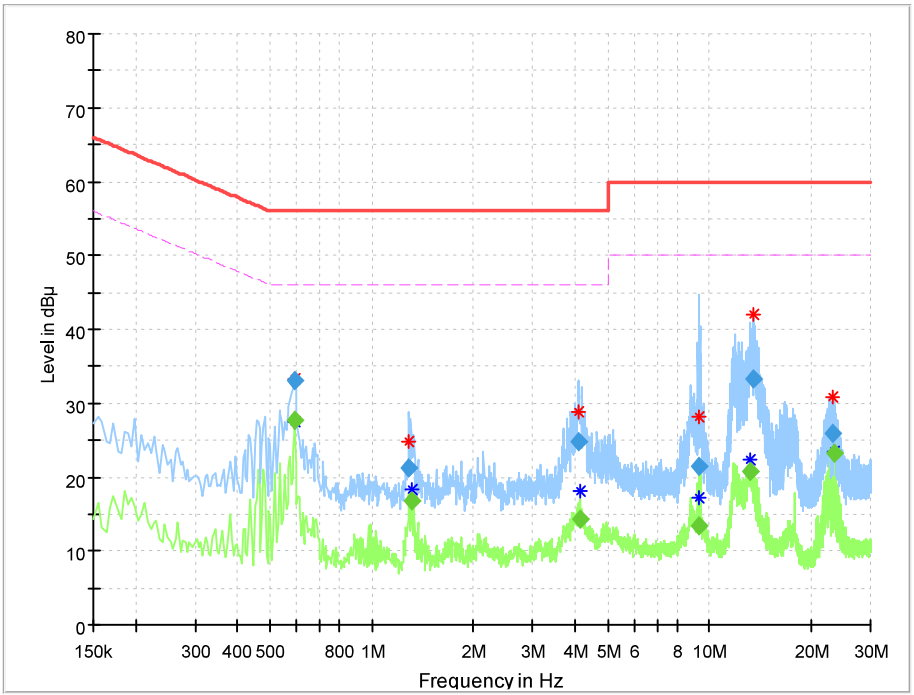
The worst case of Conducted Emissions:

EUT:	Smart Hub WZ3	Polarity:	LINE
Model:	3RSH06027BWZ	Test Date:	2025-05-20
Mode:	Transmit at BLE_1M Channel 00	Voltage:	120V/60Hz
Environment:	Temp: 23.6℃; Humi:38%	Engineer:	Stone Zhang



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.478500	27.79	---	56.37	28.57	100.0	9.000	L1	ON	9.8
0.483000	---	15.67	46.29	30.61	100.0	9.000	L1	ON	9.8
0.577500	---	20.72	46.00	25.28	100.0	9.000	L1	ON	9.8
0.582000	26.33	---	56.00	29.67	100.0	9.000	L1	ON	9.8
1.302000	---	15.98	46.00	30.02	100.0	9.000	L1	ON	9.8
1.302000	22.20	---	56.00	33.80	100.0	9.000	L1	ON	9.8
4.101000	25.01	---	56.00	30.99	100.0	9.000	L1	ON	9.8
4.101000	---	15.88	46.00	30.12	100.0	9.000	L1	ON	9.8
8.812500	24.39	---	60.00	35.61	100.0	9.000	L1	ON	9.8
8.817000	---	14.81	50.00	35.19	100.0	9.000	L1	ON	9.8
13.159500	---	21.20	50.00	28.80	100.0	9.000	L1	ON	9.8
13.641000	30.72	---	60.00	29.28	100.0	9.000	L1	ON	9.8

EUT:	Smart Hub WZ3	Polarity:	NEUTRAL
Model:	3RSH06027BWZ	Test Date:	2025-05-20
Mode:	Transmit at BLE_1M Channel 00	Voltage:	120V/60Hz
Environment:	Temp: 24℃; Humi:52%	Engineer:	Stone Zhang



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.591000	---	27.75	46.00	18.25	100.0	9.000	N	ON	9.8
0.591000	33.04	---	56.00	22.96	100.0	9.000	N	ON	9.8
1.293000	21.34	---	56.00	34.66	100.0	9.000	N	ON	9.8
1.315500	---	16.78	46.00	29.22	100.0	9.000	N	ON	9.8
4.083000	24.77	---	56.00	31.23	100.0	9.000	N	ON	9.8
4.128000	---	14.29	46.00	31.71	100.0	9.000	N	ON	9.8
9.343500	21.42	---	60.00	38.58	100.0	9.000	N	ON	9.8
9.343500	---	13.46	50.00	36.54	100.0	9.000	N	ON	9.8
13.137000	---	20.72	50.00	29.28	100.0	9.000	N	ON	9.8
13.533000	33.27	---	60.00	26.73	100.0	9.000	N	ON	9.8
23.203500	25.85	---	60.00	34.15	100.0	9.000	N	ON	9.8
23.338500	---	23.27	50.00	26.73	100.0	9.000	N	ON	9.8

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Smart Hub WZ3 (Model: 3RSH06027BWZ)** is in compliance with Part 15C of the FCC Rules.

Statement

1. This report is invalid for the following states: without the special inspection and testing stamp or the official stamp of our institution; without the signature of the report authorized officer; if the report is altered.

2. It is forbidden to copy partial contents of the report except in full without the approval of our institution.

3. The client shall provide the test sample(s) and commission information and be responsible for their authenticity.

4. The report content is only applicable to the tested sample(s) this time.

5. If there are any objections to the report content, please submit them to our company in writing within 15 days from the date of receiving the report.

6. If the reports include both Chinese and English versions, when there are any inconsistencies caused by language, the Chinese version shall prevail.

7. Information about laboratory sites involved in our company:

   No.2, Fangda Road, Yunpu Industrial Zone, Huangpu District, Guangzhou, Guangdong, China (Huangpu Laboratory)

   Building 2 and Building 3, GRGTest Science and Technology Industrial Park, No.8, Chuangyun Road, Panyu District, Guangzhou, Guangdong, China (Panyu Laboratory)

   Building G9, China Sensor Network International Innovation Park, No.200, Linghu Avenue, Wuxi, Jiangsu, China (Wuxi Innovation Park Laboratory)

   Building 3, Maoxuan Industrial Park, No.81, Jinma Road, Hongshan Subdistrict, Xinwu District, Wuxi, Jiangsu, China (Maoxuan Industrial Park Laboratory)

   3/F., Comprehensive Laboratory Building, No.8, Ningyun Road, Xinwu District, Wuxi, Jiangsu, China (Ningyun Road Laboratory)

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