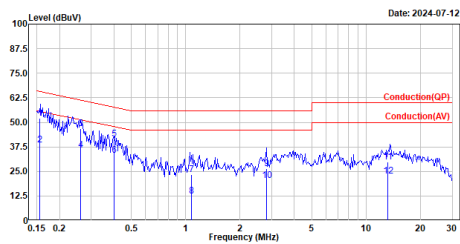


Appendix A. Test Result of AC Power Line Conducted Emission

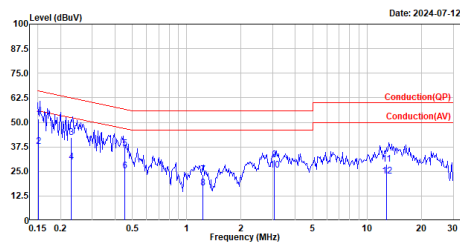
Site :HY-SR01
Condition :Line
Mode :TX_BT3M_2441MHz
test by :James



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	Limit	Level	dB	
1	0.156	52.16	65.69	-13.53	42.48	9.68	QP
2	0.156	38.52	55.69	-17.17	28.84	9.68	Average
3	0.262	46.66	61.38	-14.72	36.98	9.68	QP
4	0.262	35.72	51.38	-15.66	26.04	9.68	Average
5	0.402	41.51	57.82	-16.31	31.83	9.68	QP
6	0.402	33.06	47.82	-14.76	23.38	9.68	Average
7	1.078	23.57	56.00	-32.43	13.84	9.73	QP
8	1.078	12.34	46.00	-33.66	2.61	9.73	Average
9	2.808	26.48	56.00	-29.52	16.39	10.09	QP
10	2.808	20.46	46.00	-25.54	10.37	10.09	Average
11	13.180	29.94	60.00	-30.06	19.15	10.79	QP
12	13.180	22.51	50.00	-27.49	11.72	10.79	Average

Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Site :HY-SR01
Condition :Neutral
Mode :TX_BT3M_2441MHz
test by :James

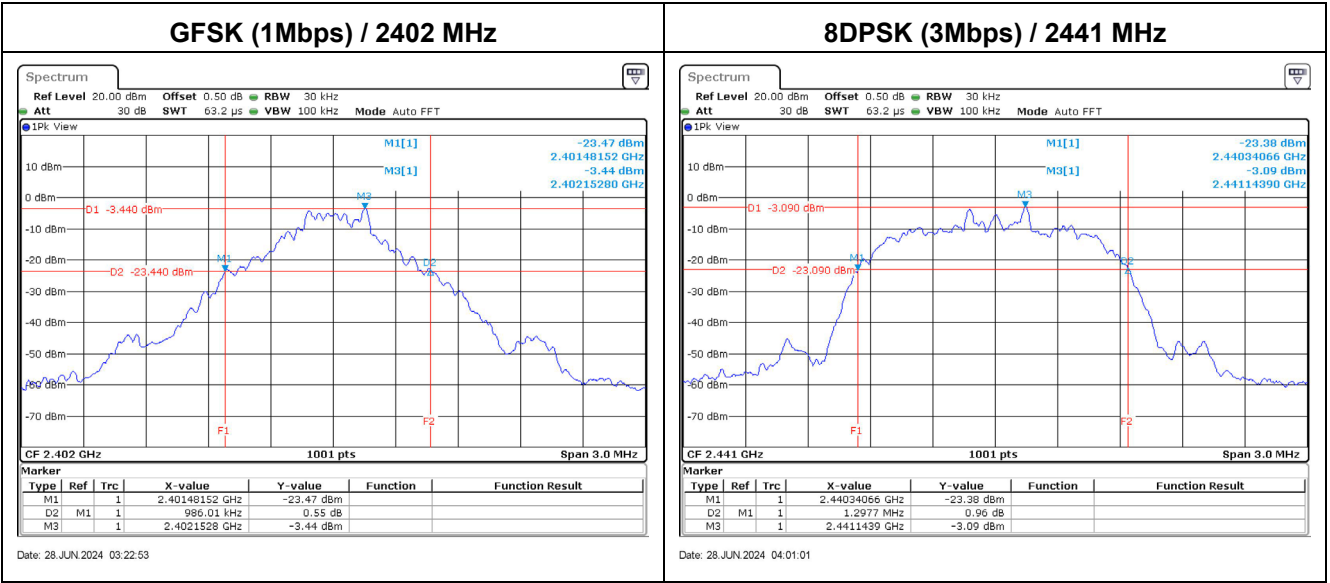


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	Limit	Level	dB	
1	0.152	51.73	65.91	-14.18	42.07	9.66	QP
2	0.152	37.68	55.91	-18.23	28.02	9.66	Average
3	0.229	42.08	62.49	-20.41	32.42	9.66	QP
4	0.229	29.80	52.49	-22.69	20.14	9.66	Average
5	0.455	36.70	56.79	-20.09	27.04	9.66	QP
6	0.455	25.14	46.79	-21.65	15.48	9.66	Average
7	1.225	23.52	56.00	-32.48	13.80	9.72	QP
8	1.225	16.60	46.00	-29.40	6.88	9.72	Average
9	3.067	31.02	56.00	-24.98	20.85	10.17	QP
10	3.067	25.55	46.00	-20.45	15.38	10.17	Average
11	12.816	28.60	60.00	-31.40	17.78	10.82	QP
12	12.816	22.63	50.00	-27.37	11.81	10.82	Average

Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

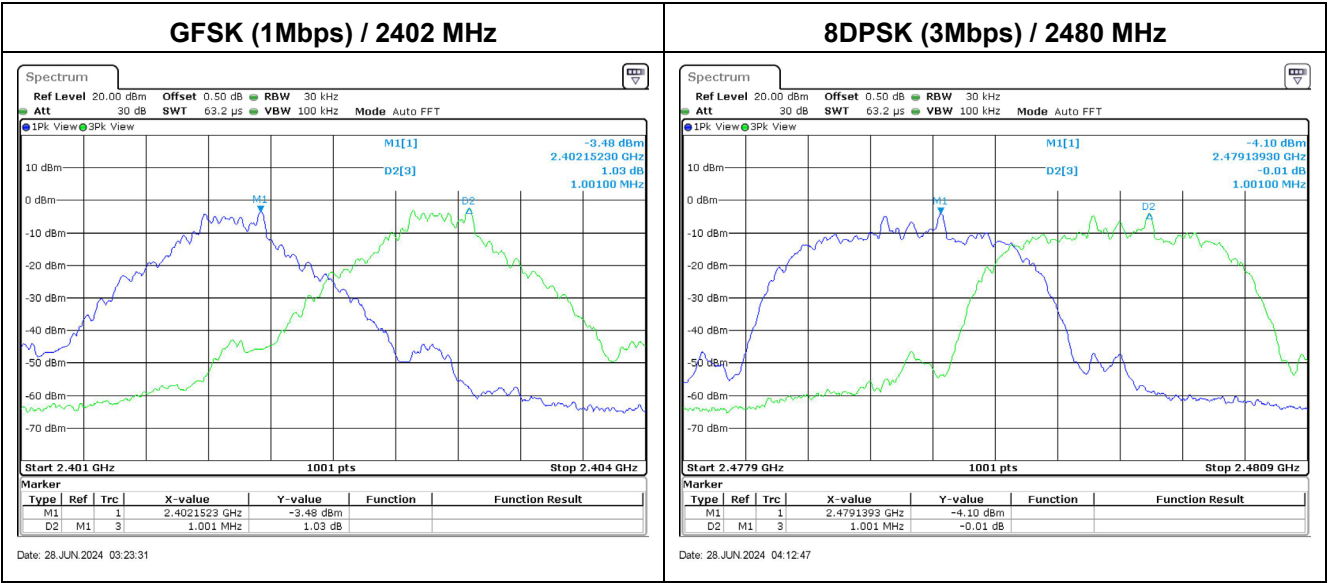
Appendix B. Test Result of 20dB Bandwidth

Modulation	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)
GFSK	2402	986	-
	2441	986	-
	2480	989	-
8DPSK	2402	1301	-
	2441	1298	-
	2480	1298	-



Appendix C. Test Result of Carrier Frequency Separation

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
GFSK	2402	1001	>25	657.3	Pass
	2441	998	>25	657.3	Pass
	2480	998	>25	659.3	Pass
8DPSK	2402	998	>25	867.1	Pass
	2441	998	>25	865.1	Pass
	2480	1001	>25	865.1	Pass

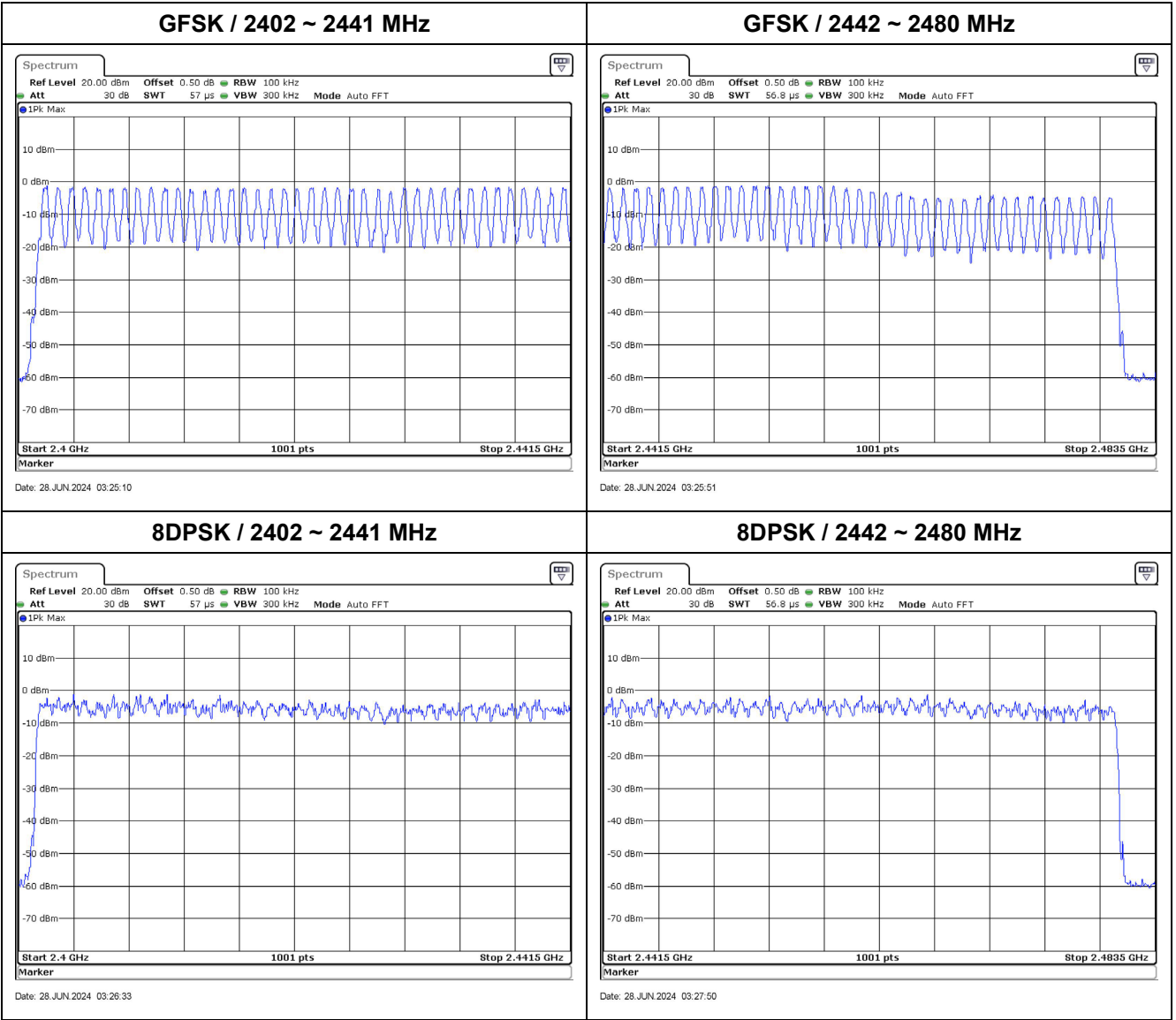


Appendix D. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	2402	-0.05	21.00	Pass
	2441	-0.66	21.00	Pass
	2480	-1.96	21.00	Pass
8DPSK	2402	1.80	21.00	Pass
	2441	0.28	21.00	Pass
	2480	3.84	21.00	Pass

Appendix E. Test Result of Number of Hopping Frequency

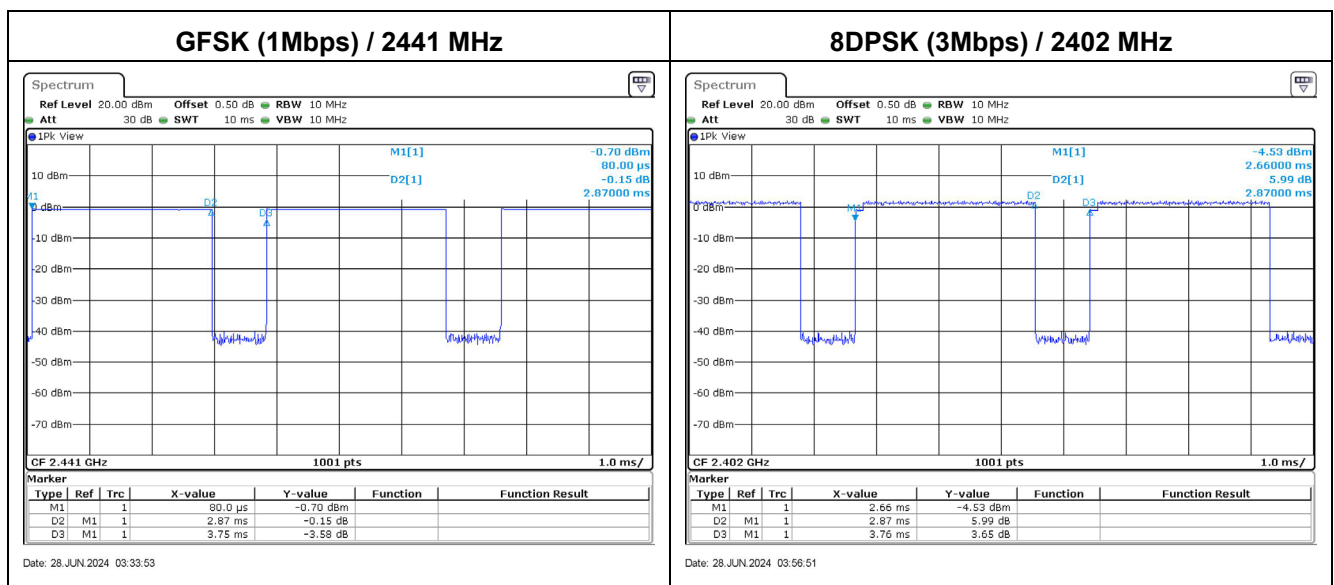
Modulation	Frequency Range (MHz)	Measure Level (Channels)	Limit (Channels)	Result
GFSK	2402 ~ 2480	79	≥ 15	Pass
8DPSK	2402 ~ 2480	79	≥ 15	Pass



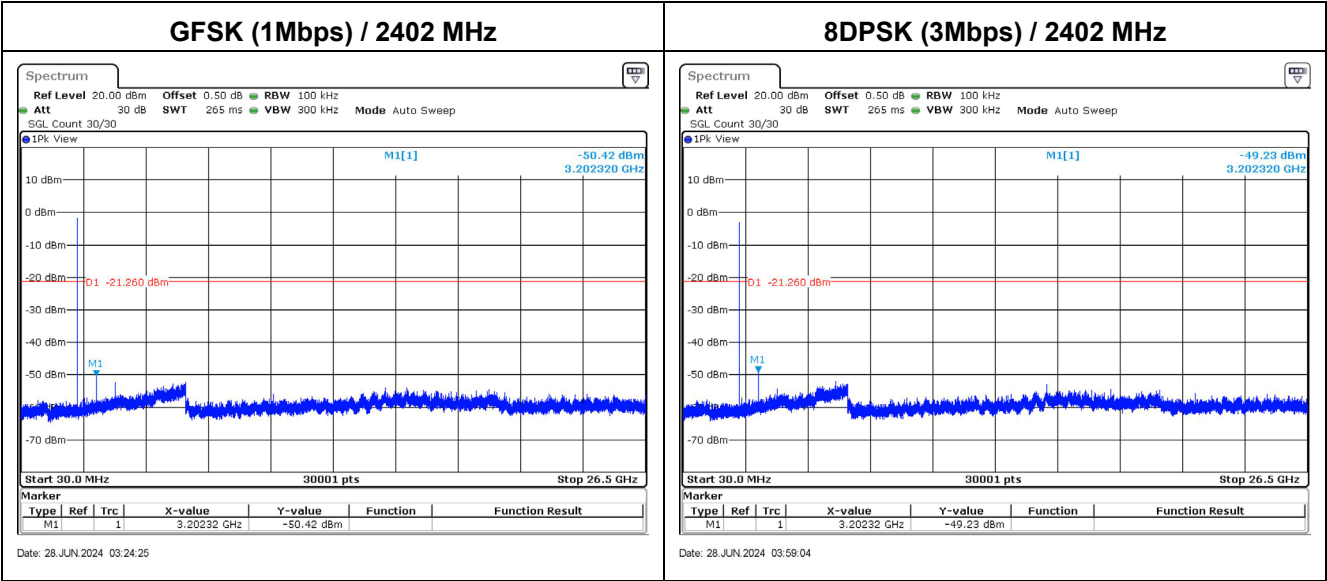
Appendix F. Test Result of Dwell Time

Modulation	Frequency (MHz)	Time slot length (ms)	Period (sec)	Calculation	Dwell Time (ms)	Limit (ms)	Result
GFSK	2402	2.860	31.6	$\text{Time}(\text{sec}) * (266.67/79) * 31.6$	305.070	400	Pass
	2441	2.870	31.6	$\text{Time}(\text{sec}) * (266.67/79) * 31.6$	306.137	400	Pass
	2480	2.860	31.6	$\text{Time}(\text{sec}) * (266.67/79) * 31.6$	305.070	400	Pass
8DPSK	2402	2.870	31.6	$\text{Time}(\text{sec}) * (266.67/79) * 31.6$	306.137	400	Pass
	2441	2.870	31.6	$\text{Time}(\text{sec}) * (266.67/79) * 31.6$	306.137	400	Pass
	2480	2.870	31.6	$\text{Time}(\text{sec}) * (266.67/79) * 31.6$	306.137	400	Pass

Note: Dwell time = Time slot length * calculation

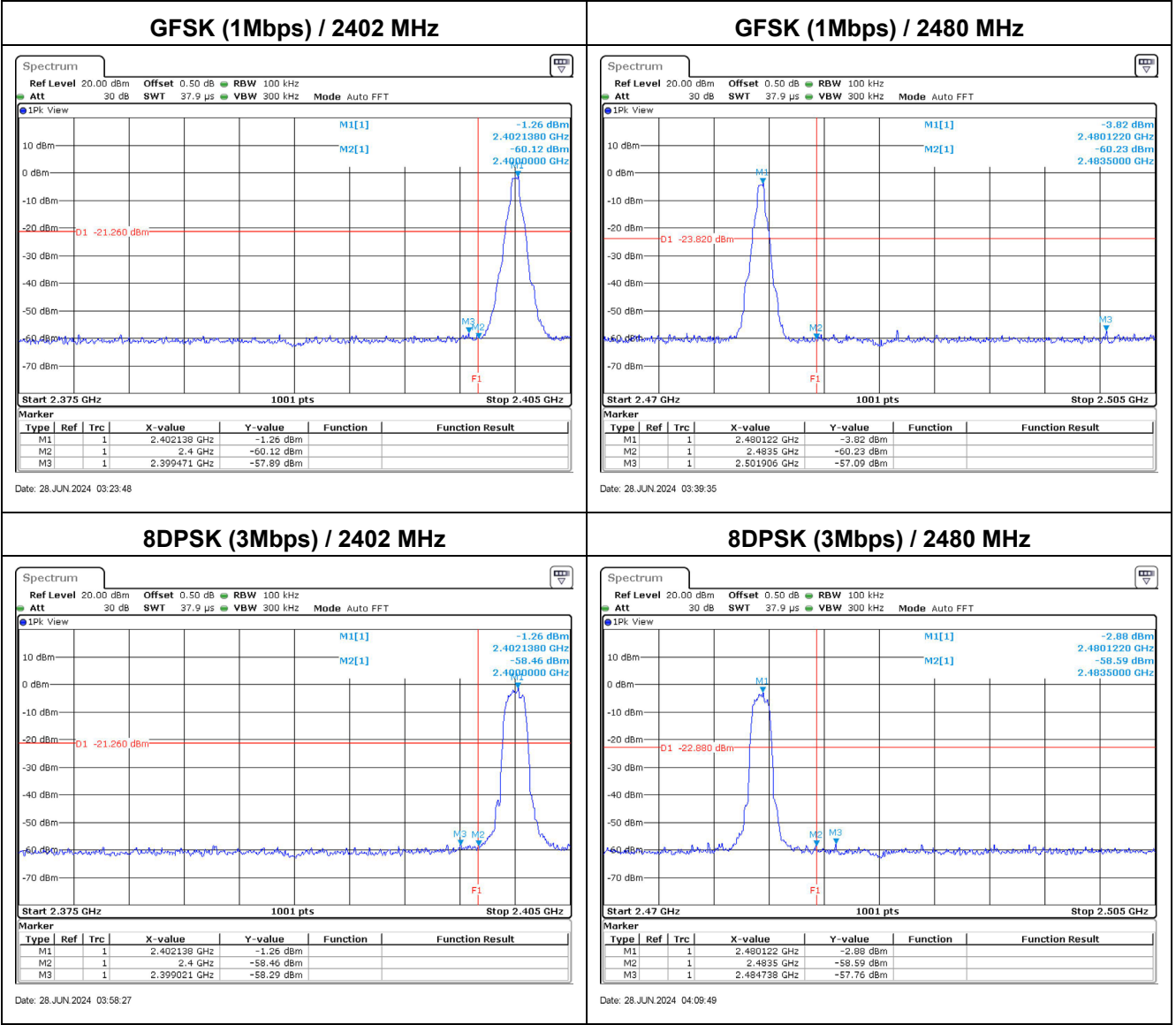


Appendix G. Test Result of Antenna Port Conducted Emission



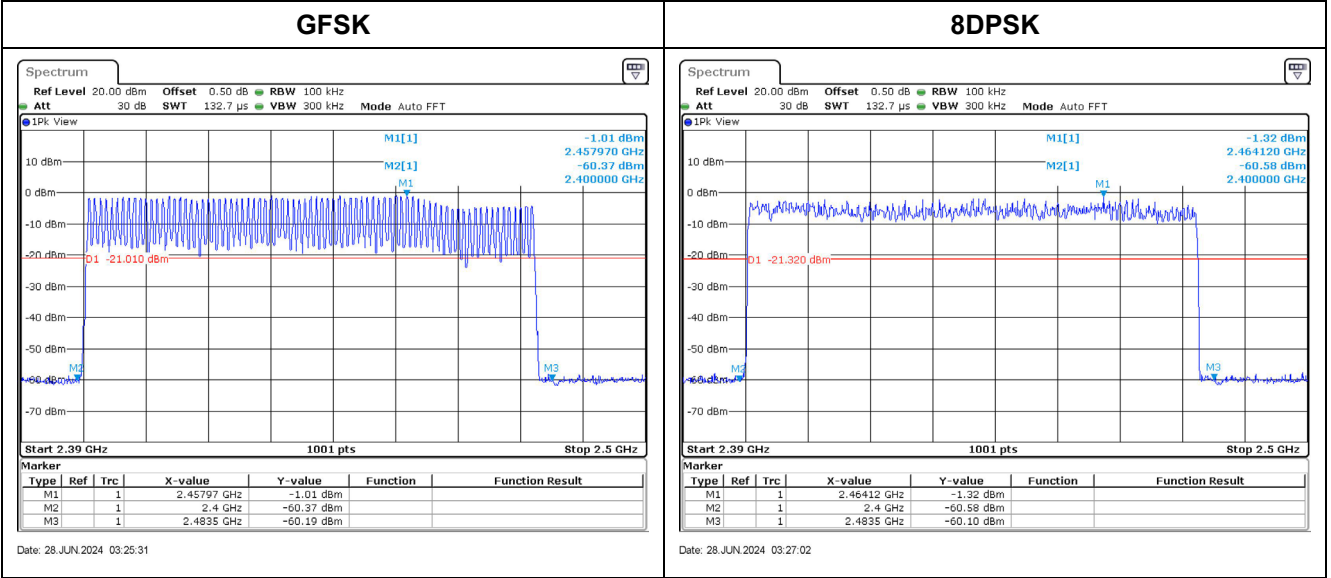
Hopping off

Modulation	Measurement Level Δ (dB)	Result
GFSK	> 20	Pass
8DPSK	> 20	Pass



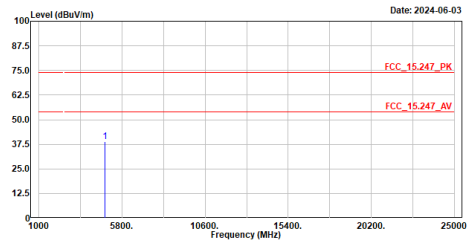
Hopping on

Modulation	Measurement Level Δ (dB)	Result
GFSK	> 20	Pass
8DPSK	> 20	Pass



Appendix H. Test Result of Radiated Emission

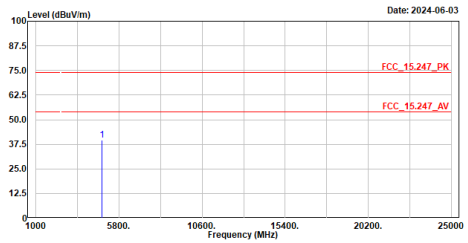
Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt1M_2402MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	39.03	74.00	-34.97	53.25	-14.22	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

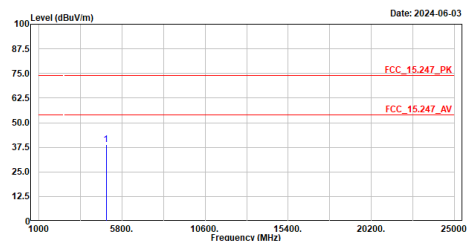
Site :HY-CB03
Condition :3m Vertical
Mode :TX_bt1M_2402MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	39.62	74.00	-34.38	53.84	-14.22	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

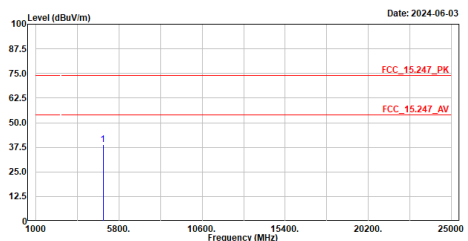
Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt1M_2441MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4882.000	38.95	74.00	-35.05	52.70	-13.75	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

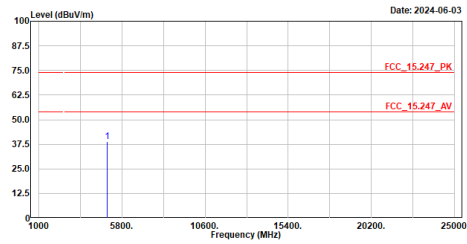
Site :HY-CB03
Condition :3m Vertical
Mode :TX_bt1M_2441MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4882.000	38.73	74.00	-35.27	52.48	-13.75	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt1M_2480MHz
Test BY :Bob Chiu

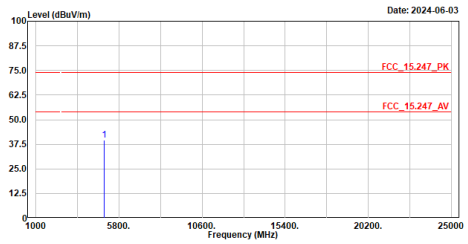


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	38.94	74.00	-35.06	52.11	-13.17	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Vertical
Mode :TX_bt1M_2480MHz
Test BY :Bob Chiu

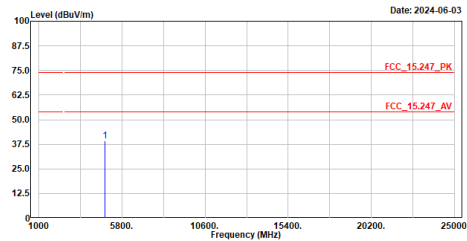


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	39.50	74.00	-34.50	52.67	-13.17	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt3M_2482MHz
Test BY :Bob Chiu

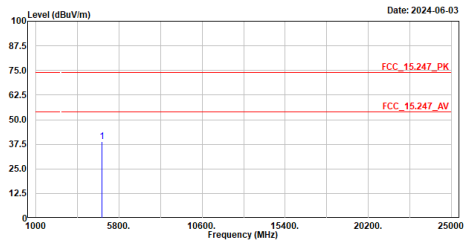


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	39.07	74.00	-34.93	53.29	-14.22	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Vertical
Mode :TX_bt3M_2482MHz
Test BY :Bob Chiu

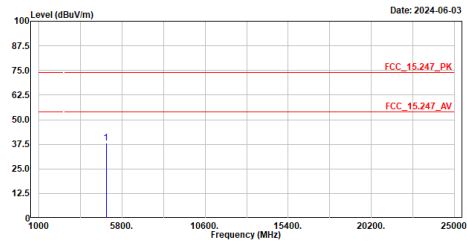


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	38.85	74.00	-35.15	53.07	-14.22	Peak

Note:

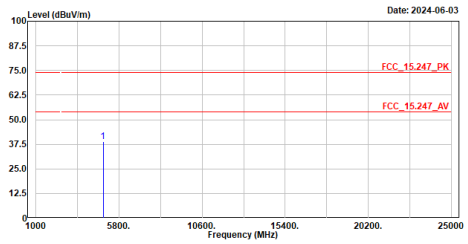
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt3M_2441MHz
Test BY :Bob Chiu



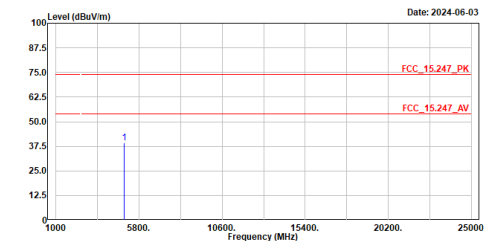
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Vertical
Mode :TX_bt3M_2441MHz
Test BY :Bob Chiu



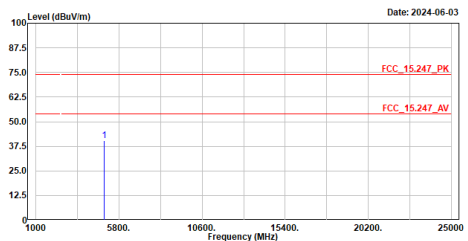
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt3M_2480MHz
Test BY :Bob Chiu



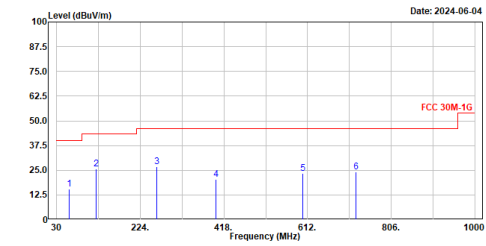
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m Vertical
Mode :TX_bt3M_2480MHz
Test BY :Bob Chiu



Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

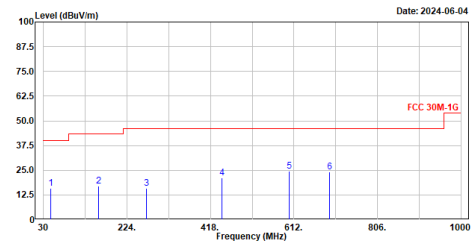
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_bt3M_2441MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	59.100	15.40	40.00	-24.60	39.62	-24.22	QP
2	121.180	25.72	43.50	-17.78	51.83	-26.11	QP
3	262.800	26.87	46.00	-19.13	51.14	-24.27	QP
4	399.570	20.42	46.00	-25.58	40.55	-20.13	QP
5	601.330	23.28	46.00	-22.72	38.50	-15.22	QP
6	723.550	24.32	46.00	-21.68	37.74	-13.42	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

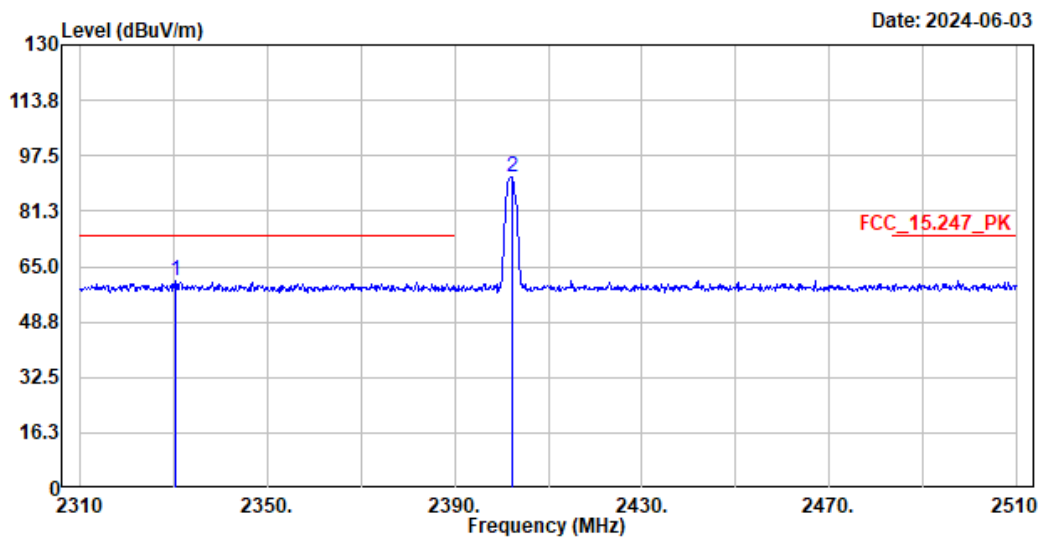
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_bt3M_2441MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	47.460	15.96	40.00	-24.04	39.27	-23.31	QP
2	158.040	16.86	43.50	-26.64	40.56	-23.70	QP
3	269.590	15.99	46.00	-30.01	39.88	-23.89	QP
4	445.160	21.05	46.00	-24.95	39.88	-18.03	QP
5	600.360	24.42	46.00	-21.58	39.64	-15.22	QP
6	694.450	24.07	46.00	-21.93	37.98	-13.91	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Site :HY-CB03
 Condition :3m Horizontal
 Mode :TX_bt1M_2402MHz
 Test BY :Bob Chiu



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2330.200	60.84	74.00	-13.16	30.27	30.57	Peak
2	2402.200	91.10	-----	-----	60.57	30.53	Peak

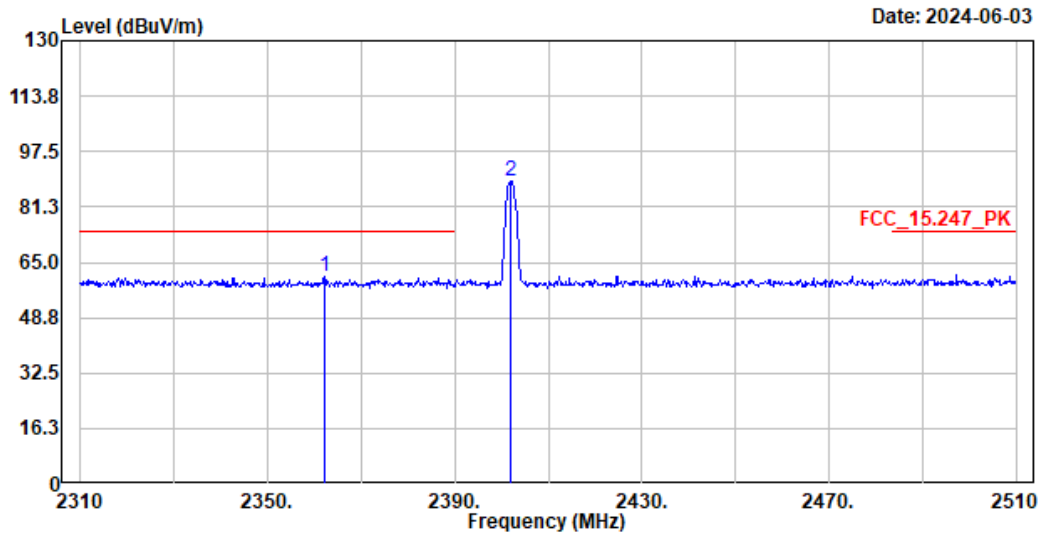
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2330.2	60.84	-19.016	41.824	-12.176	54.000
2402.2	91.10	-19.016	72.084	--	--

Site :HY-CB03
Condition :3m Vertical
Mode :TX_bt1M_2402MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2362.200	60.99	74.00	-13.01	30.50	30.49	Peak
2	2402.000	88.61	-----	-----	58.08	30.53	Peak

Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

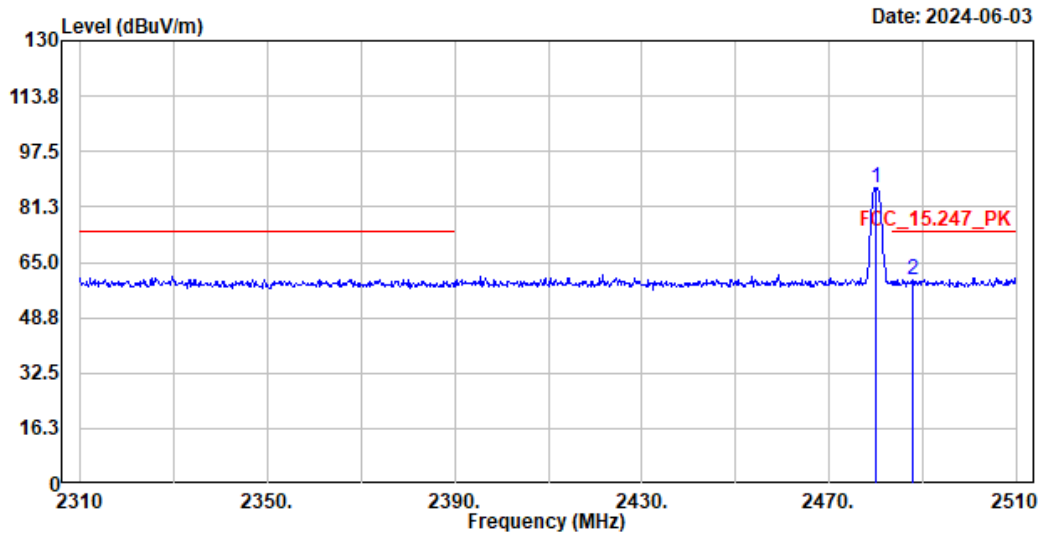
3. Over Limit = Level - Limit Line

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2362.2	60.99	-19.016	41.974	-12.026	54.000
2402	88.61	-19.016	69.594	--	--

Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt1M_2480MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2480.000	86.91	-----	-----	56.45	30.46	Peak
2	2487.800	59.95	74.00	-14.05	29.40	30.55	Peak

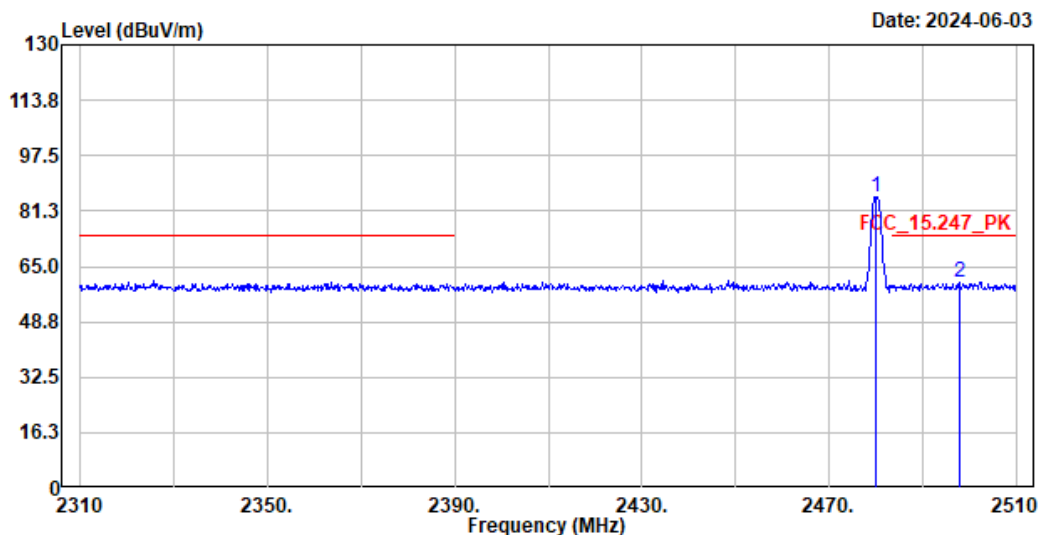
Note:

- 1. Level = Read Level + Factor
- 2. Factor = Antenna Factor + Cable Loss - Preamp Factor
- 3. Over Limit = Level - Limit Line
- 4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2480	86.91	-19.016	67.894	--	--
2487.8	59.95	-19.016	40.934	-13.066	54.000

Site :HY-CB03
 Condition :3m Vertical
 Mode :TX_bt1M_2480MHz
 Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2480.000	85.27	-----	-----	54.81	30.46	Peak
2	2497.800	60.10	74.00	-13.90	29.52	30.58	Peak

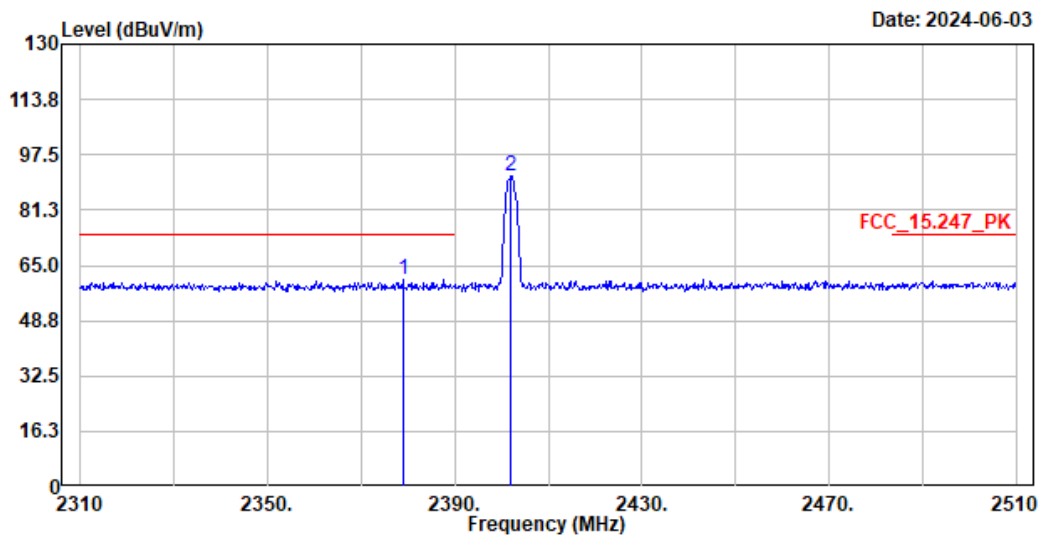
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2480	85.27	-19.016	66.254	--	--
2497.8	60.10	-19.016	41.084	-12.916	54.000

Site :HY-CB03
 Condition :3m Horizontal
 Mode :TX_bt3M_2402MHz
 Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2379.000	60.93	74.00	-13.07	30.43	30.50	Peak
2	2402.000	91.23	-----	-----	60.70	30.53	Peak

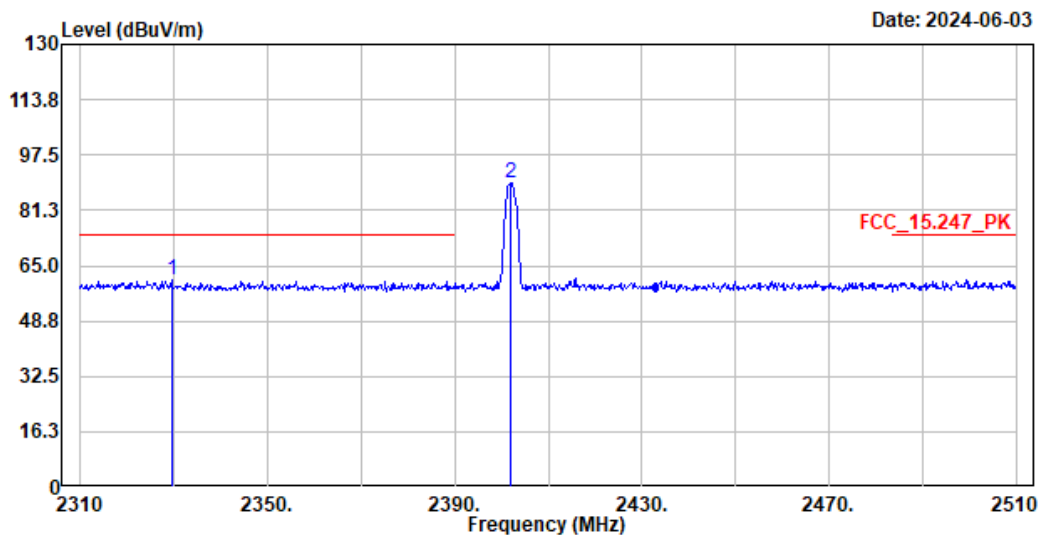
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2379	60.93	-18.711	42.219	-11.781	54.000
2402	91.23	-18.711	72.519	--	--

Site :HY-CB03
 Condition :3m Vertical
 Mode :TX_bt3M_2402MHz
 Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2329.600	60.59	74.00	-13.41	30.02	30.57	Peak
2	2402.000	89.48	-----	-----	58.95	30.53	Peak

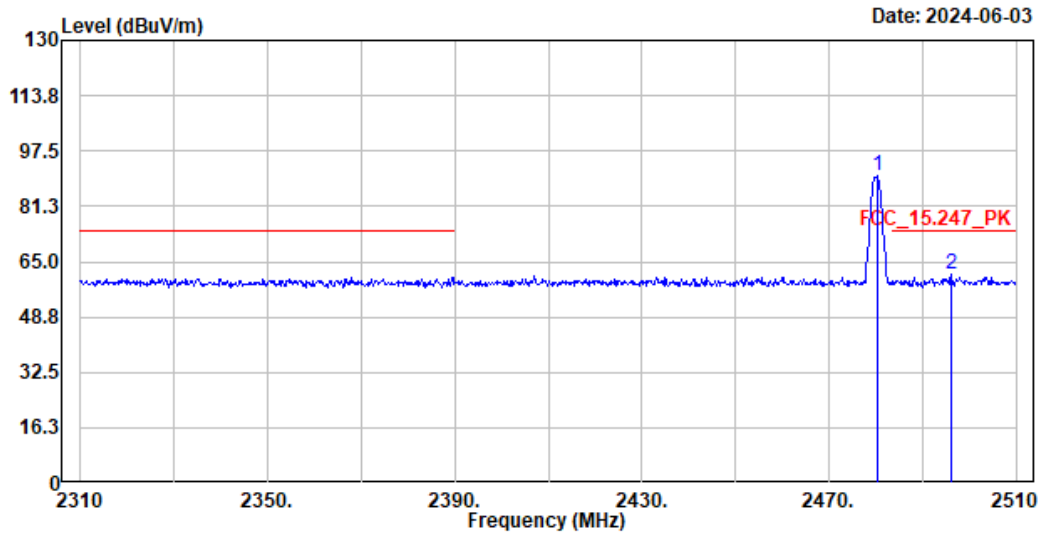
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dB μ V/m)	Duty Cycle Factor (dB)	Measurement Level (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)
2329.6	60.59	-18.711	41.879	-12.121	54.000
2402	89.48	-18.711	70.769	--	--

Site :HY-CB03
Condition :3m Horizontal
Mode :TX_bt3M_2480MHz
Test BY :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	90.05	-----	-----	59.59	30.46	Peak
2	2496.000	61.49	74.00	-12.51	30.91	30.58	Peak

Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

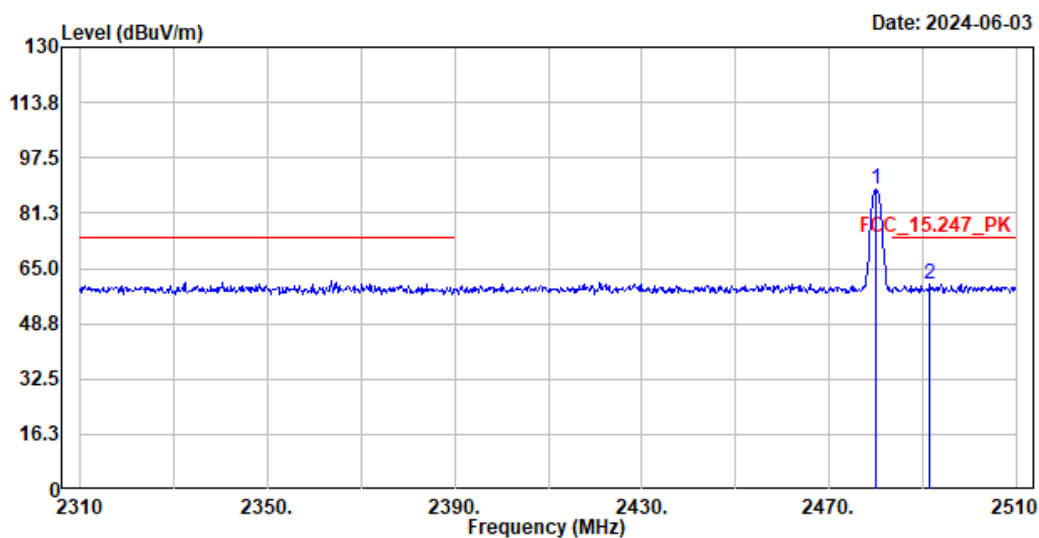
3. Over Limit = Level - Limit Line

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2480.2	90.05	-18.711	71.339	--	--
2496	61.49	-18.711	42.779	-11.221	54.000

Site :HY-CB03
 Condition :3m Vertical
 Mode :TX_bt3M_2480MHz
 Test BY :Bob Chiu



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.000	88.11	-----	-----	57.65	30.46	Peak
2	2491.600	60.42	74.00	-13.58	29.85	30.57	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2480	88.11	-18.711	69.399	--	--
2491.6	60.42	-18.711	41.709	-12.291	54.000