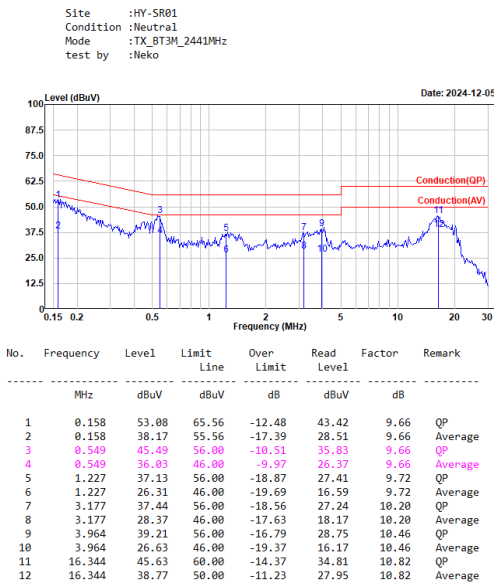
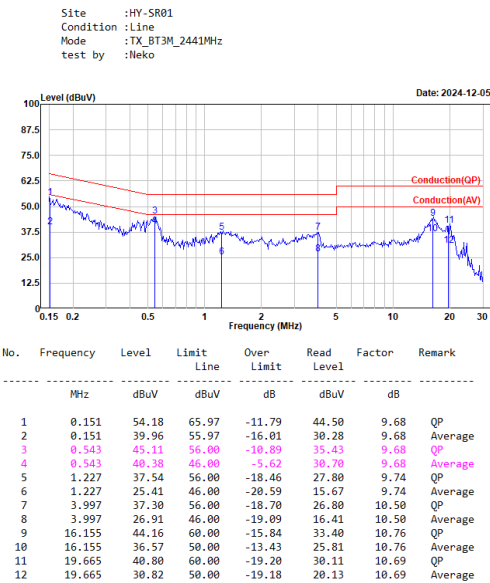


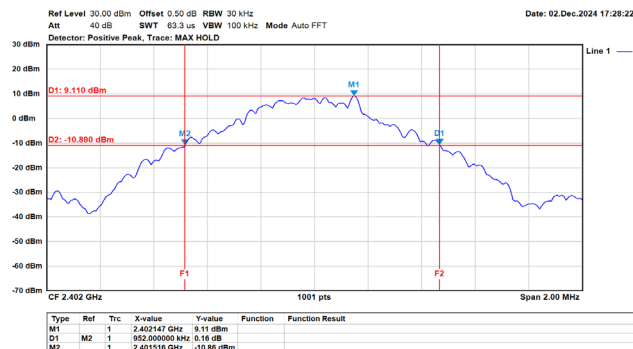
Appendix A. Test Result of AC Power Line Conducted Emission



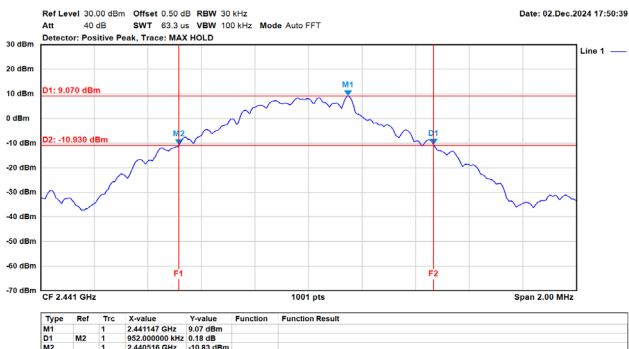
Appendix B. Test Result of 20dB Bandwidth

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
GFSK	2402	0.95	-
	2441	0.95	-
	2480	0.95	-
8DPSK	2402	1.30	-
	2441	1.30	-
	2480	1.30	-

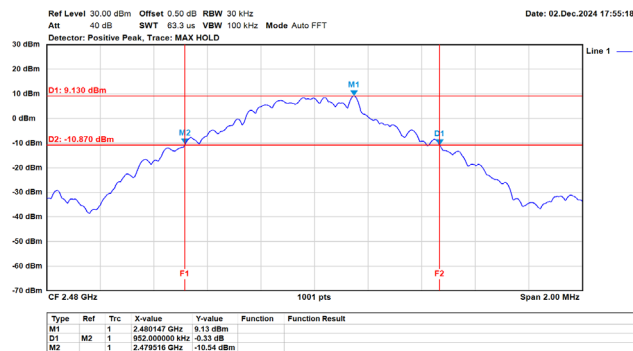
GFSK(DH5) / 2402 MHz



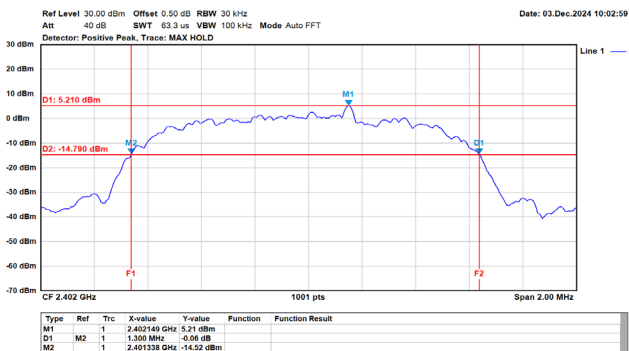
GFSK(DH5) / 2441 MHz



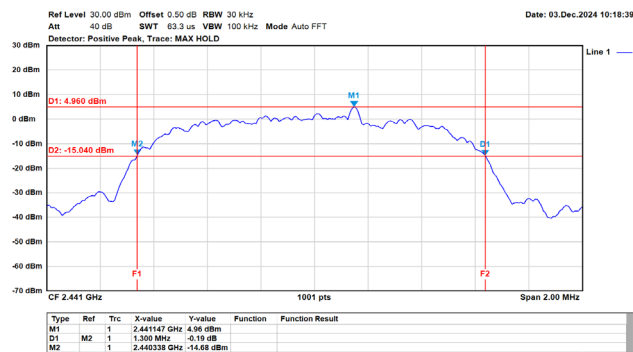
GFSK(DH5) / 2480 MHz



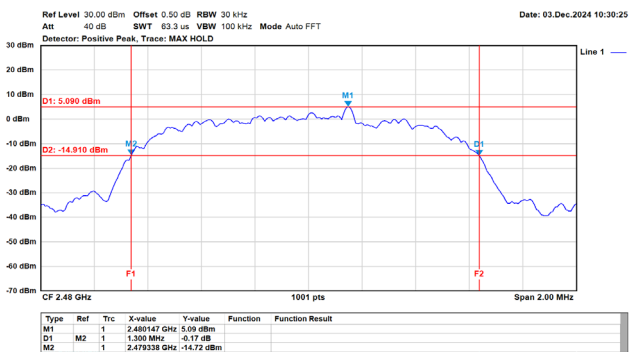
8DPSK(3DH5) / 2402 MHz



8DPSK(3DH5) / 2441 MHz



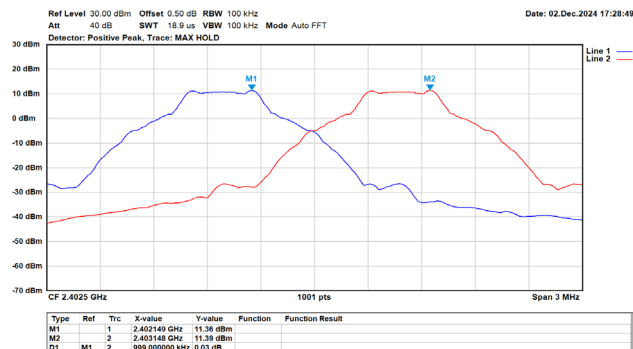
8DPSK(3DH5) / 2480 MHz



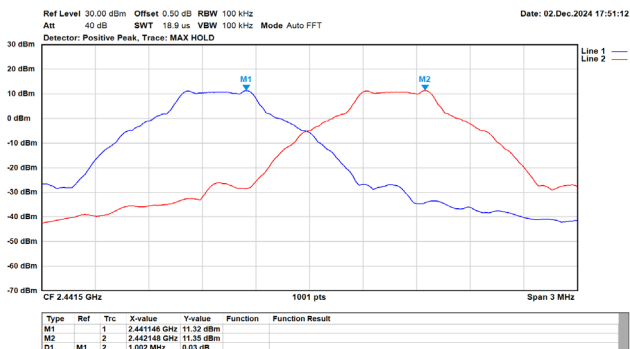
Appendix C. Test Result of Carrier Frequency Separation

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK	2402	0.99	0.635	Pass
	2441	1.00	0.635	Pass
	2480	1.00	0.635	Pass
8DPSK	2402	1.00	0.867	Pass
	2441	1.00	0.867	Pass
	2480	0.99	0.867	Pass

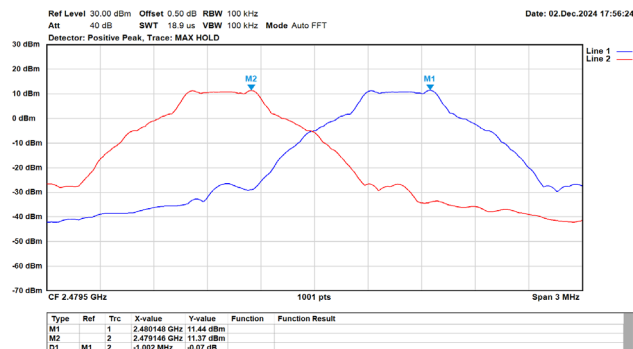
GFSK(DH5) / 2402 MHz



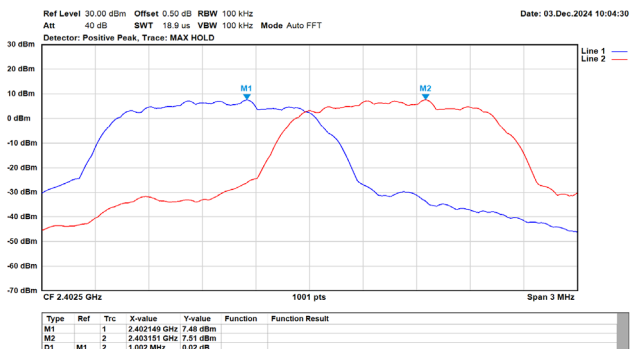
GFSK(DH5) / 2441 MHz



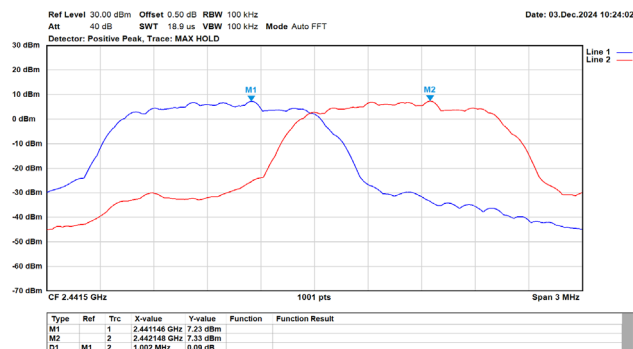
GFSK(DH5) / 2480 MHz



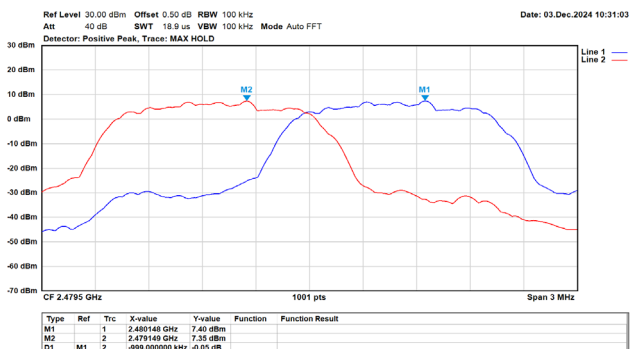
8DPSK(3DH5) / 2402 MHz



8DPSK(3DH5) / 2441 MHz



8DPSK(3DH5) / 2480 MHz

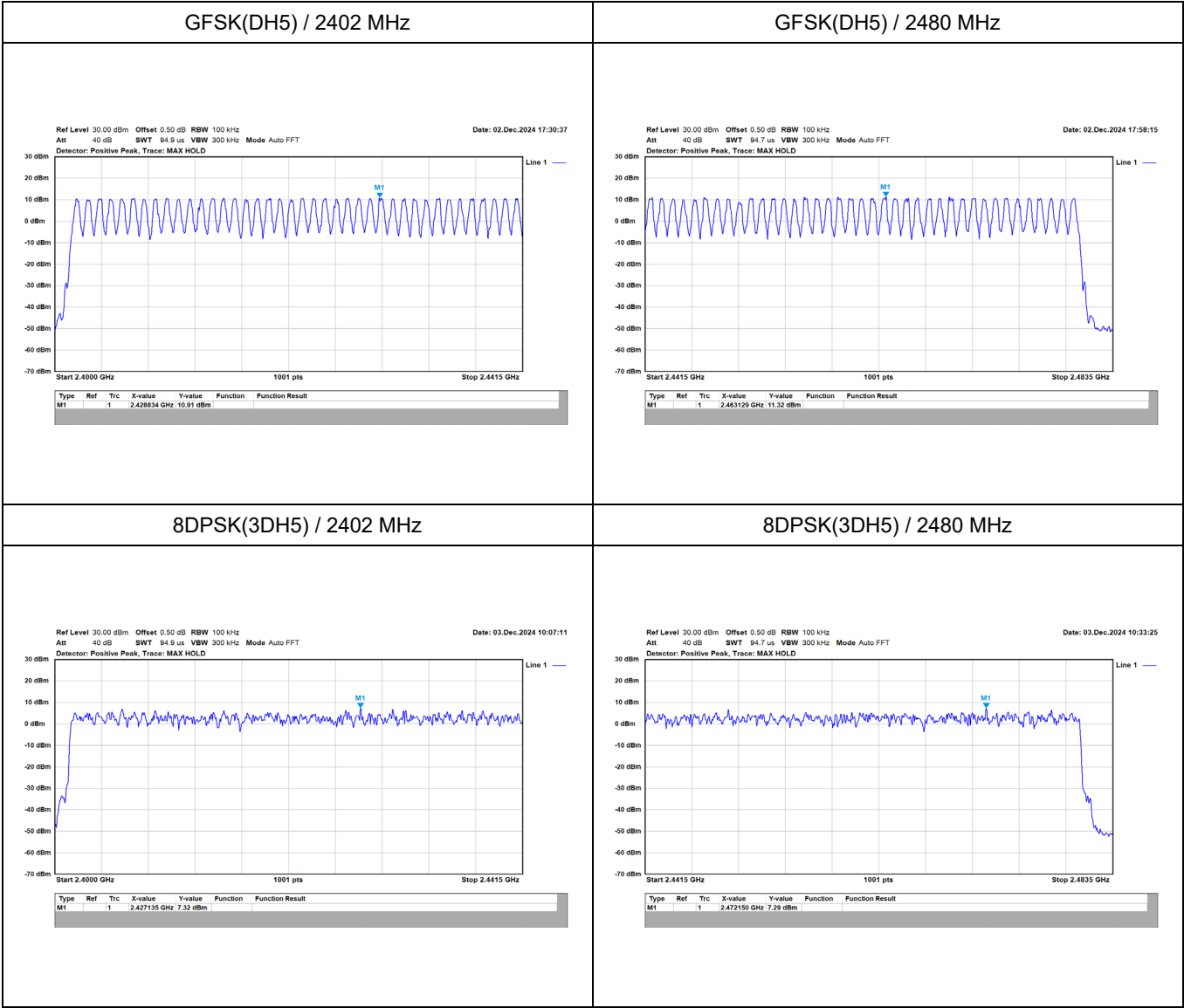


Appendix D. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted PeakOutput Power (dBm)	Limit (dBm)	Result
GFSK	2402	11.80	21.00	Pass
	2441	11.69	21.00	Pass
	2480	11.71	21.00	Pass
8DPSK	2402	11.35	21.00	Pass
	2441	11.38	21.00	Pass
	2480	11.52	21.00	Pass

Appendix E. Test Result of Number of Hopping Frequency

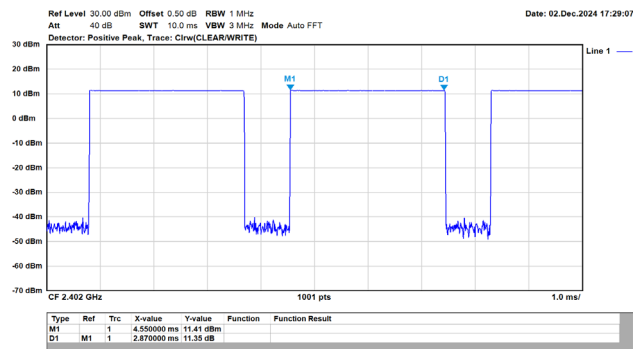
Frequency Range (MHz)	Measure Level (Channels)	Limit (Channels)
2402.0 ~ 2480.0	79	≥ 15



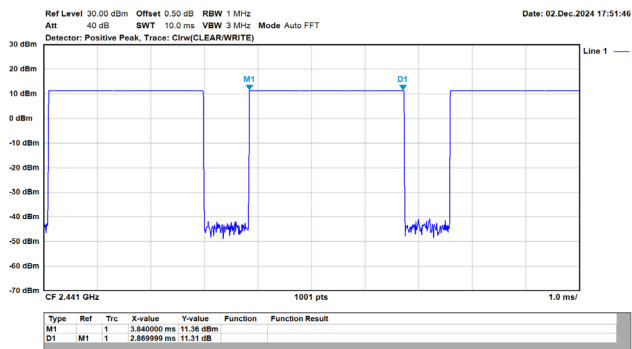
Appendix F. Test Result of Dwell Time

Modulation	Occupancy Time of Frequency Hopping System
GFSK	A) 2402 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.87 = 0.002870 sec Dwell Time : $0.002870 \times (266.67/79) \times 31.60 = 0.306$ sec °
	B) 2441 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.87 = 0.002870 sec Dwell Time : $0.002870 \times (266.67/79) \times 31.60 = 0.306$ sec °
	C) 2480 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.87 = 0.002870 sec Dwell Time : $0.002870 \times (266.67/79) \times 31.60 = 0.306$ sec °
8DPSK	A) 2402 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.87 = 0.002870 sec Dwell Time : $0.002870 \times (266.67/79) \times 31.60 = 0.306$ sec °
	B) 2441 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.87 = 0.002870 sec Dwell Time : $0.002870 \times (266.67/79) \times 31.60 = 0.306$ sec °
	C) 2480 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.87 = 0.002870 sec Dwell Time : $0.002870 \times (266.67/79) \times 31.60 = 0.306$ sec °
Test Result: The Average Occupancy Time of Each Highest , Middle and Lowest Channel Is Less Than 0.4 sec, And Corresponds to The Standard °	

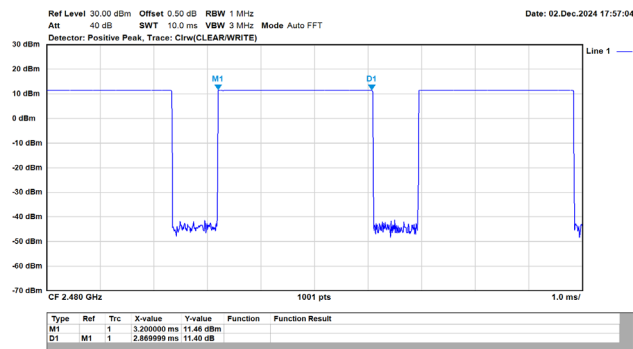
GFSK(DH5) / 2402 MHz



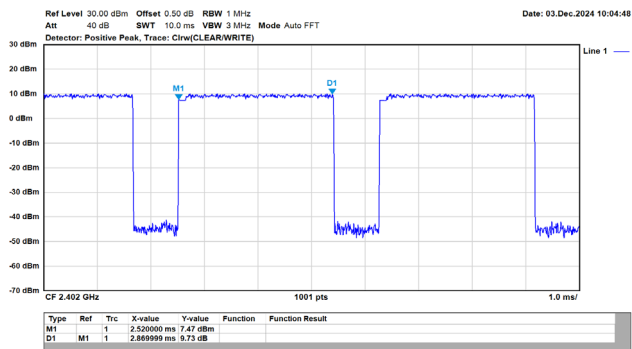
GFSK(DH5) / 2441 MHz



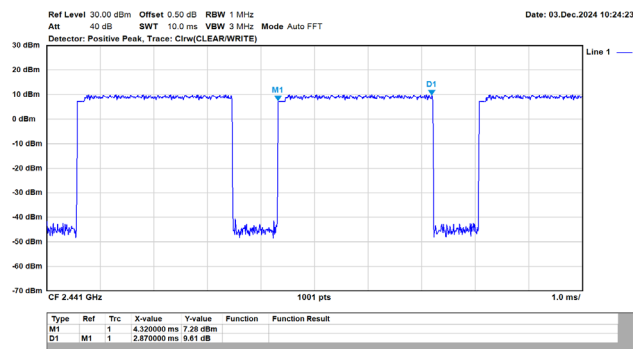
GFSK(DH5) / 2480 MHz



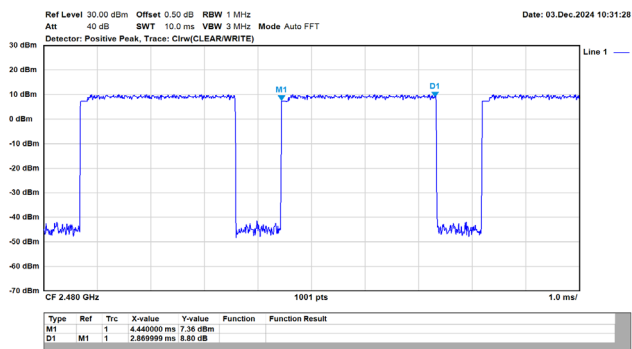
8DPSK(3DH5) / 2402 MHz



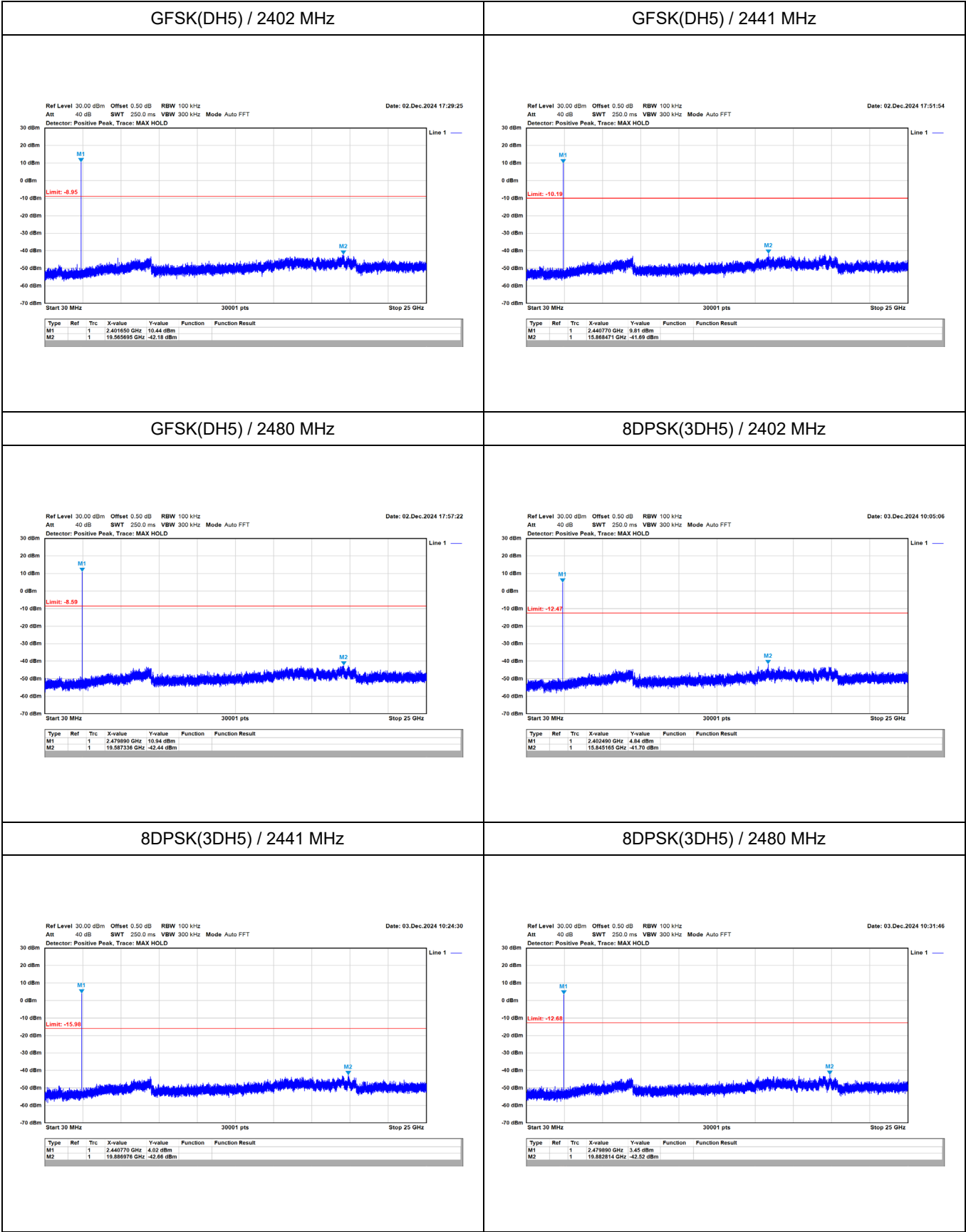
8DPSK(3DH5) / 2441 MHz



8DPSK(3DH5) / 2480 MHz

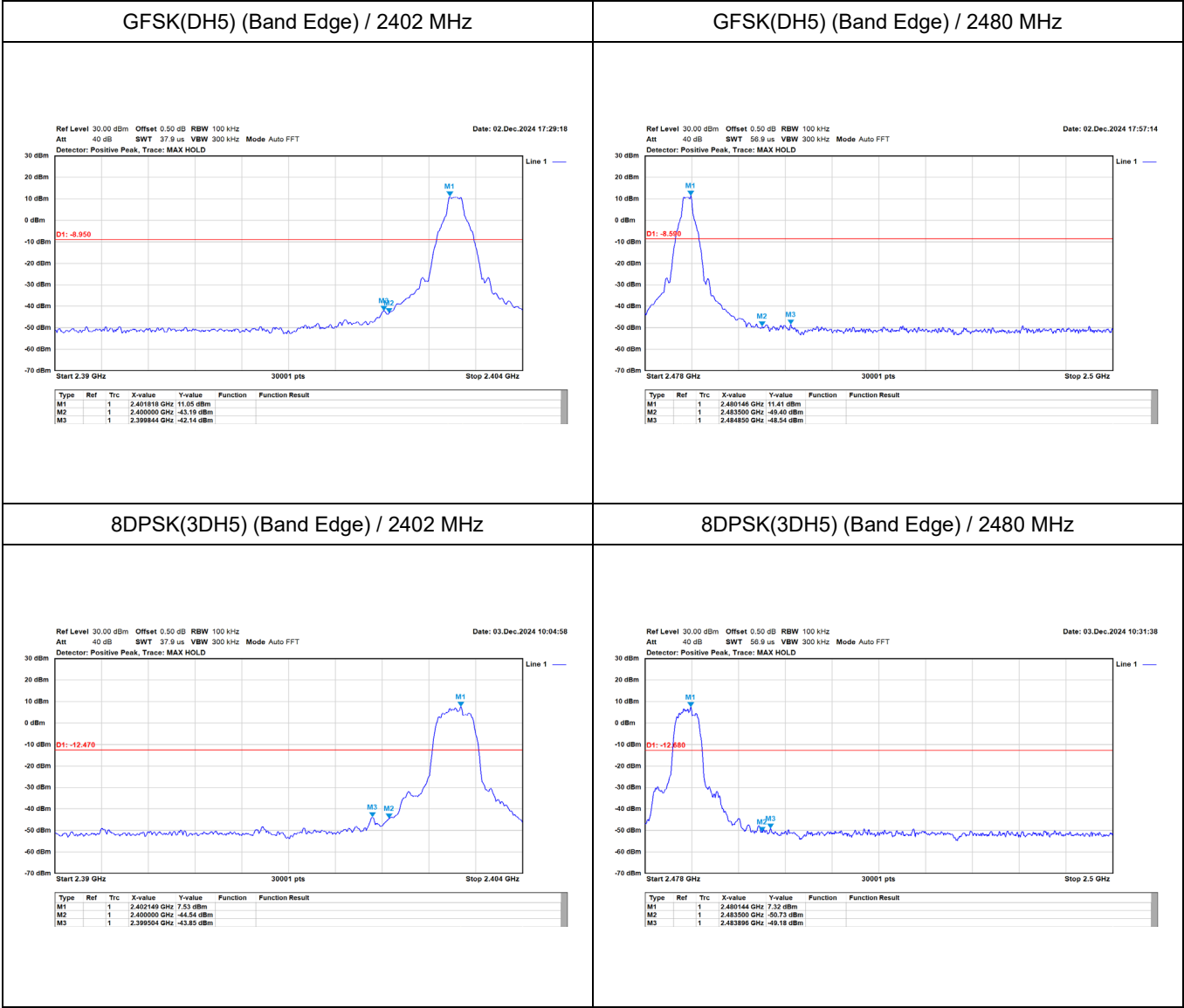


Appendix G. Test Result of Antenna Port Conducted Emission



Hopping off Bandedge

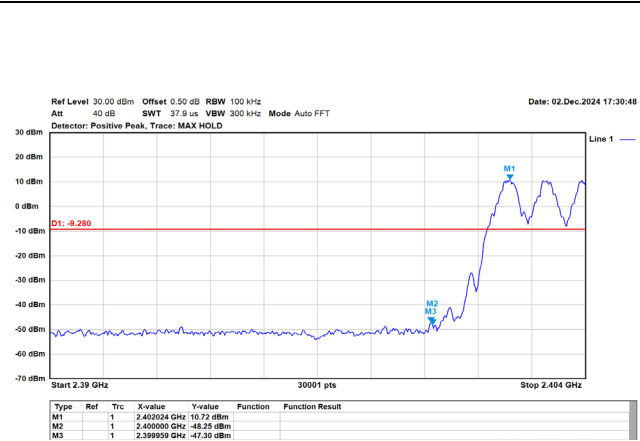
Modulation	Measurement Level Δ (dB)	Result
GFSK	> 20	Pass
8DPSK	> 20	Pass



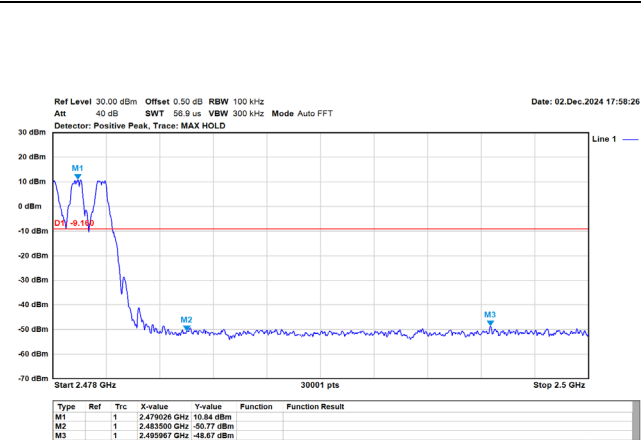
Hopping on Bandedge

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

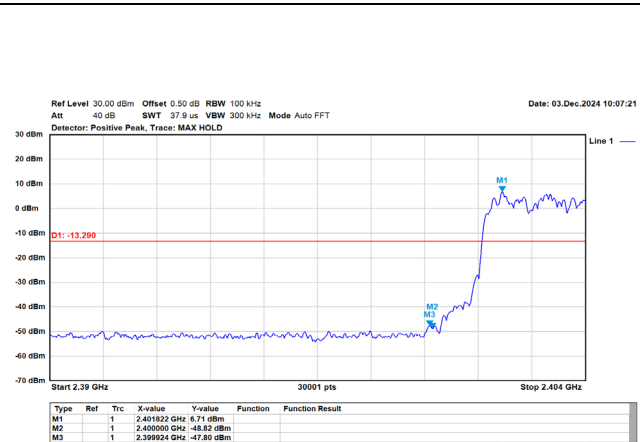
GFSK(DH5) (Band Edge Hopping) / 2402 MHz



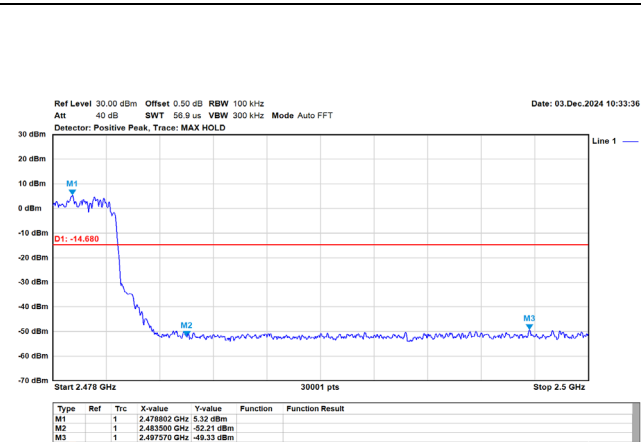
GFSK(DH5) (Band Edge Hopping) / 2480 MHz



8DPSK(3DH5) (Band Edge Hopping) / 2402 MHz

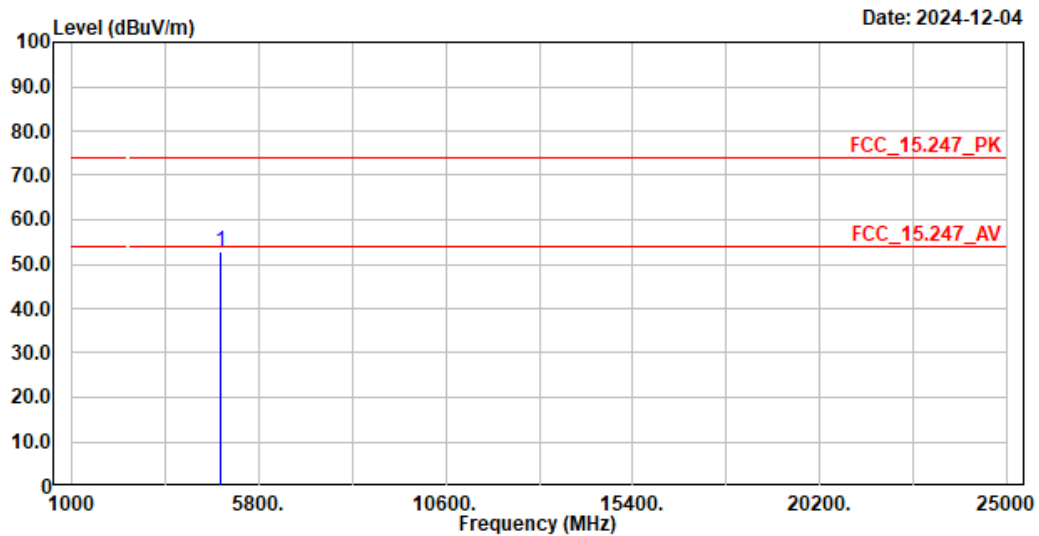


8DPSK(3DH5) (Band Edge Hopping) / 2480 MHz



Appendix H. Test Result of Radiated Emission

Site :HY-CB02
 Condition :3m ,HORIZONTAL
 mode :TX_BT1M_2402MHz
 Test by :Caster

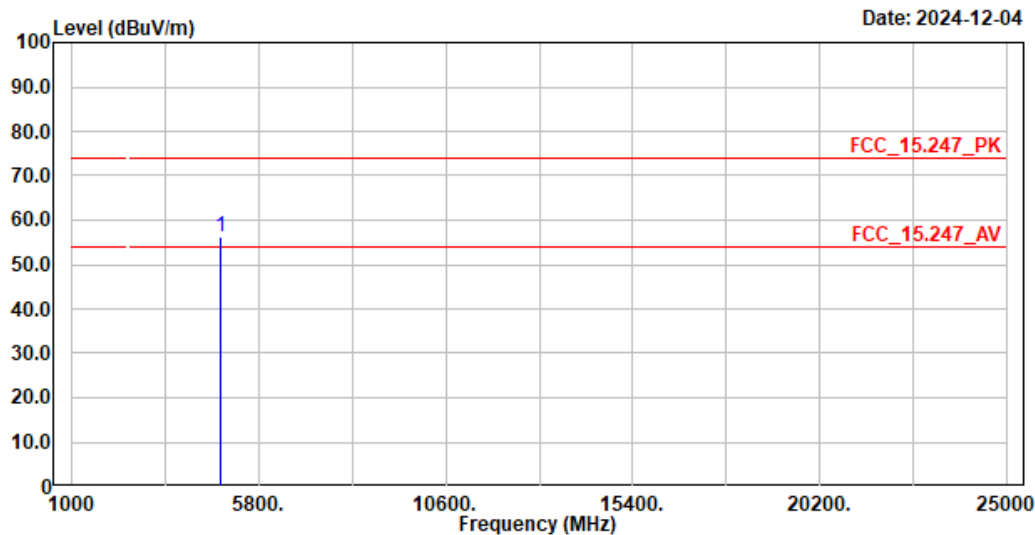


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	52.88	74.00	-21.12	60.02	-7.14	Peak

Note:

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

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BT1M_2402MHz
Test by :Caster



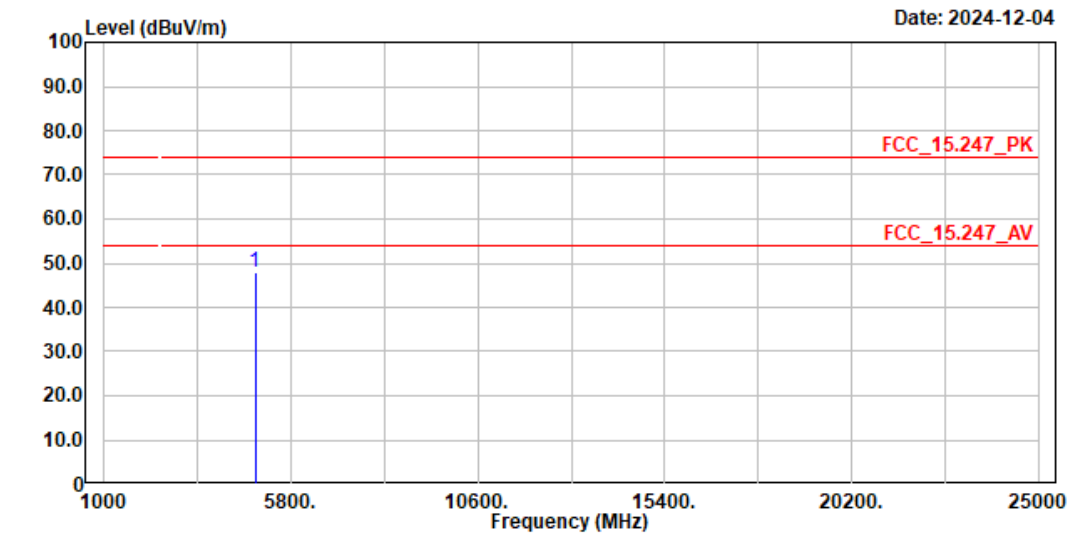
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	56.33	74.00	-17.67	63.47	-7.14	Peak

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)
4804	56.33	-30.752	25.578	-28.422	54.000

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BT1M_2441MHz
Test by :Caster

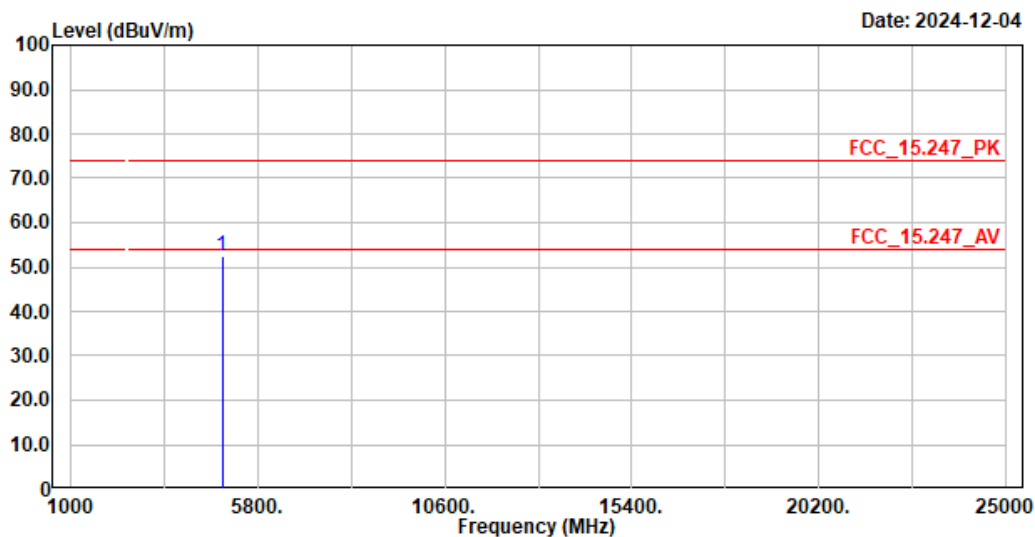


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4882.000	47.95	74.00	-26.05	54.75	-6.80	Peak

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-CB02
Condition :3m ,VERTICAL
mode :TX_BT1M_2441MHz
Test by :Caster

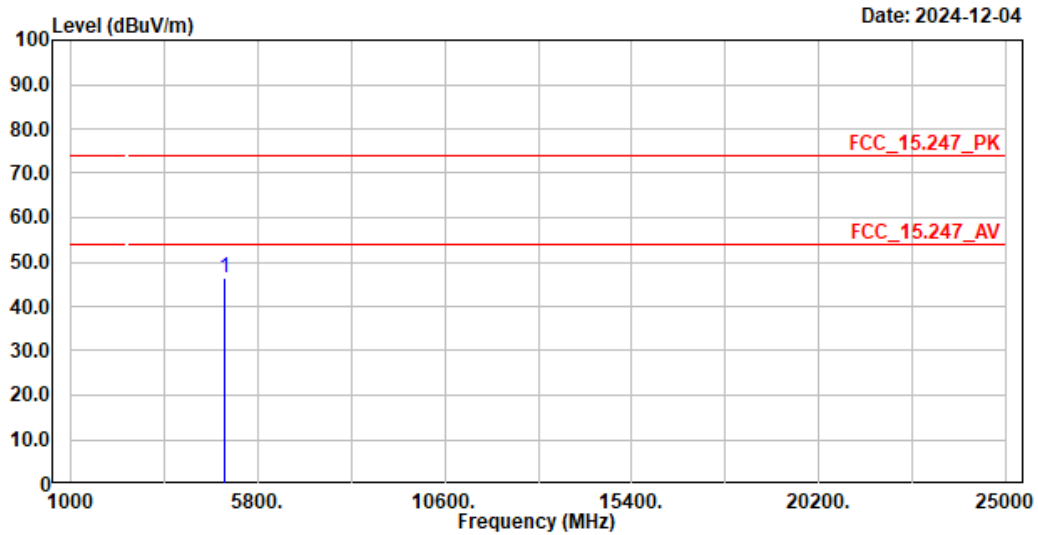


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4882.000	52.28	74.00	-21.72	59.08	-6.80	Peak

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-CB02
 Condition :3m ,HORIZONTAL
 mode :TX_BT1M_2480MHz
 Test by :Caster

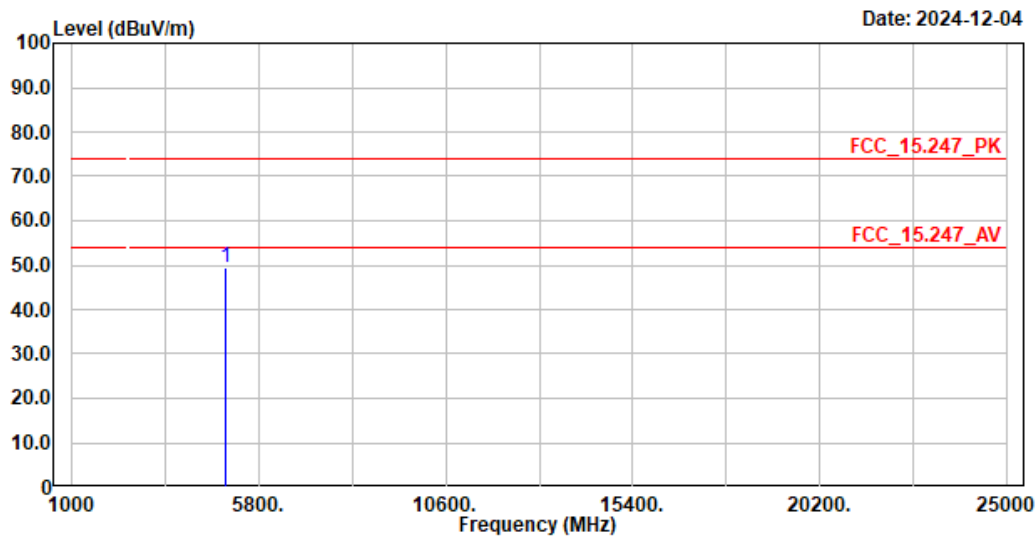


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	46.44	74.00	-27.56	52.95	-6.51	Peak

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.

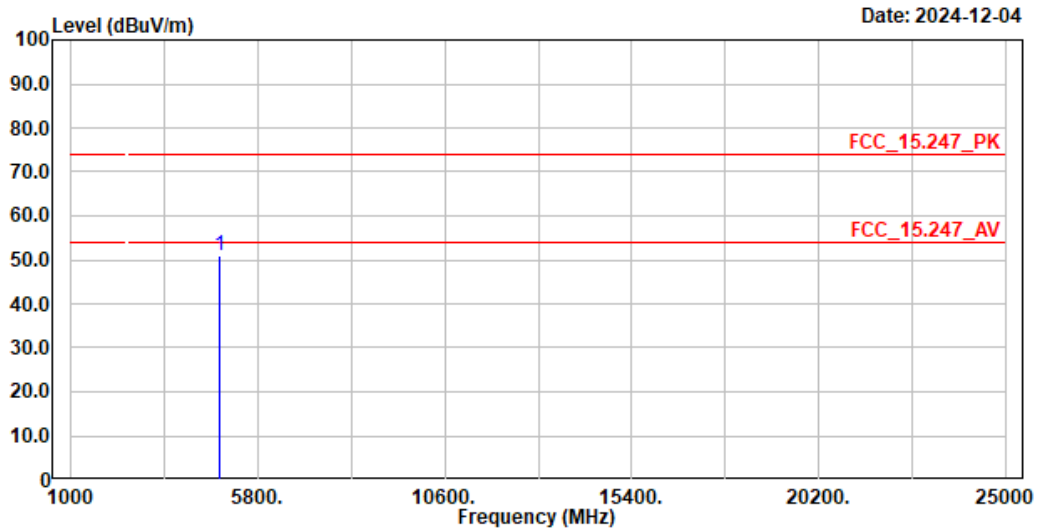
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BT1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	49.55	74.00	-24.45	56.06	-6.51	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-CB02
 Condition :3m ,HORIZONTAL
 mode :TX_BT3M_2402MHz
 Test by :Caster

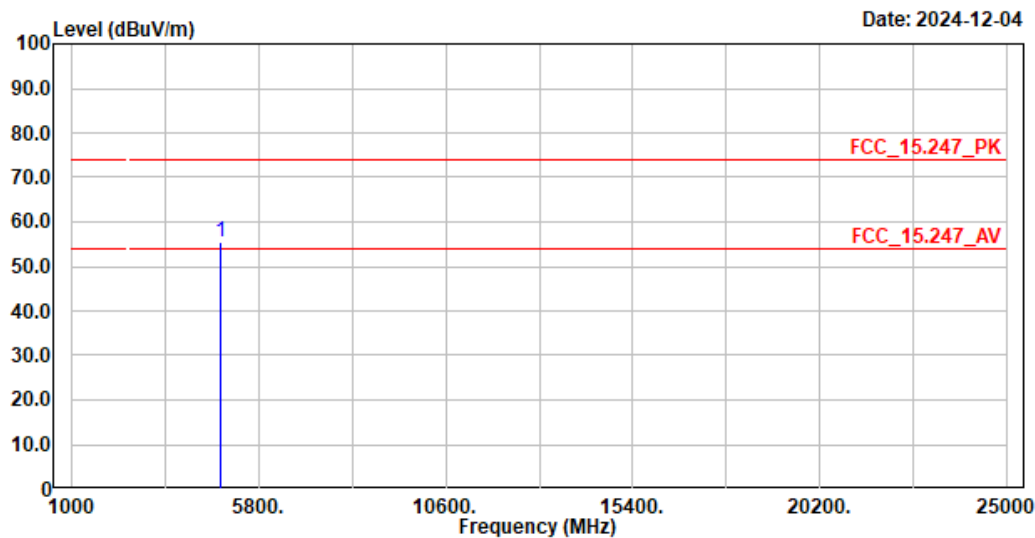


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	50.97	74.00	-23.03	58.11	-7.14	Peak

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-CB02
Condition :3m ,VERTICAL
mode :TX_BT3M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	55.31	74.00	-18.69	62.45	-7.14	Peak

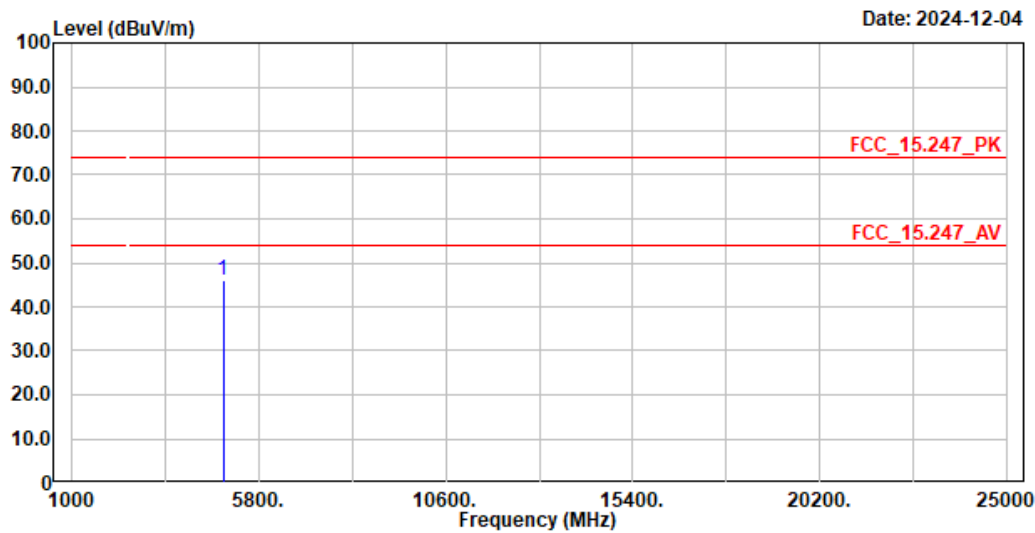
Note:

- 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)
4804	55.31	-31.057	24.253	-29.747	54.000

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BT3M_2441MHz
Test by :Caster



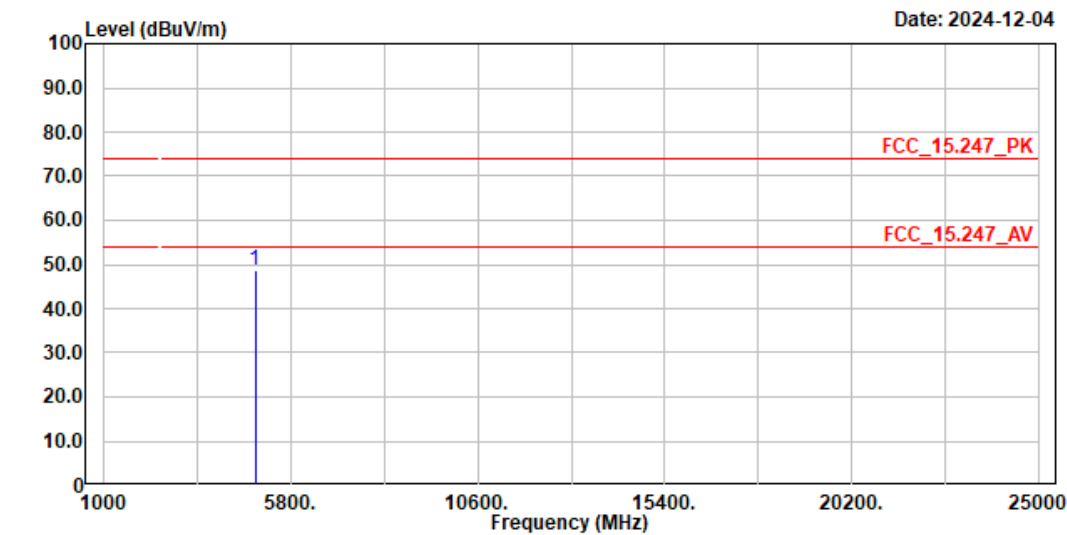
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark

	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4882.000	46.22	74.00	-27.78	53.02	-6.80	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.

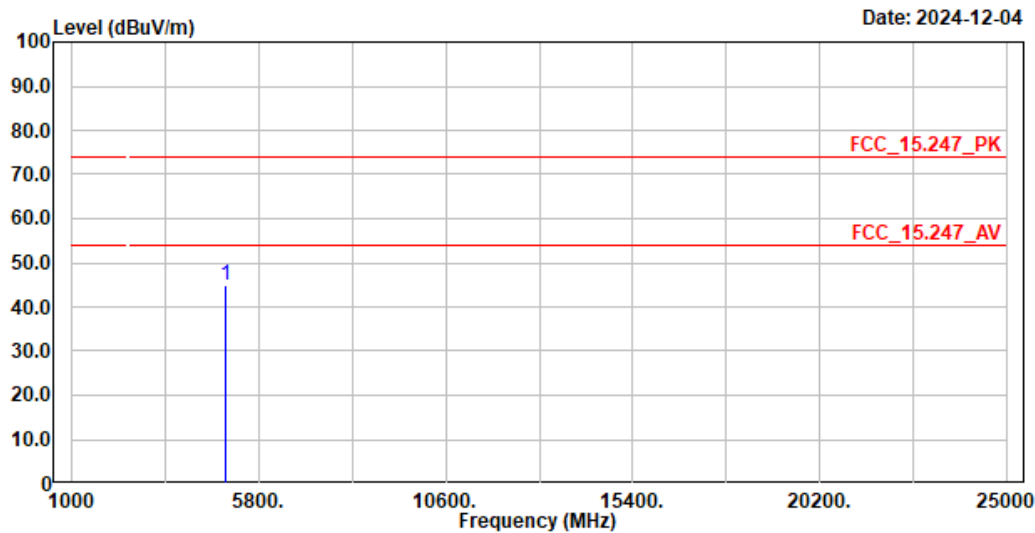
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BT3M_2441MHz
Test by :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4882.000	48.86	74.00	-25.14	55.66	-6.80	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.

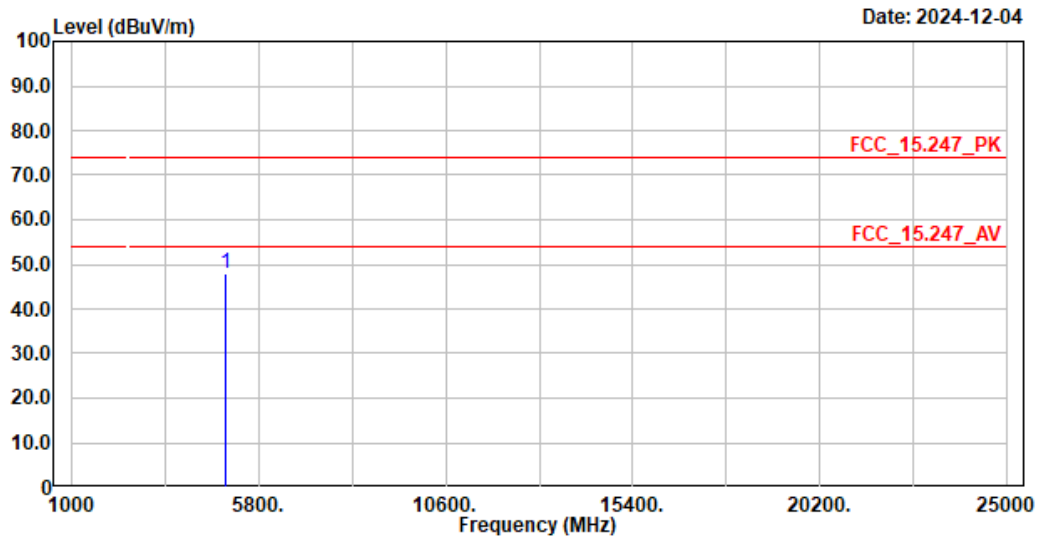
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BT3M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	44.91	74.00	-29.09	51.42	-6.51	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-CB02
 Condition :3m ,VERTICAL
 mode :TX_BT3M_2480MHz
 Test by :Caster

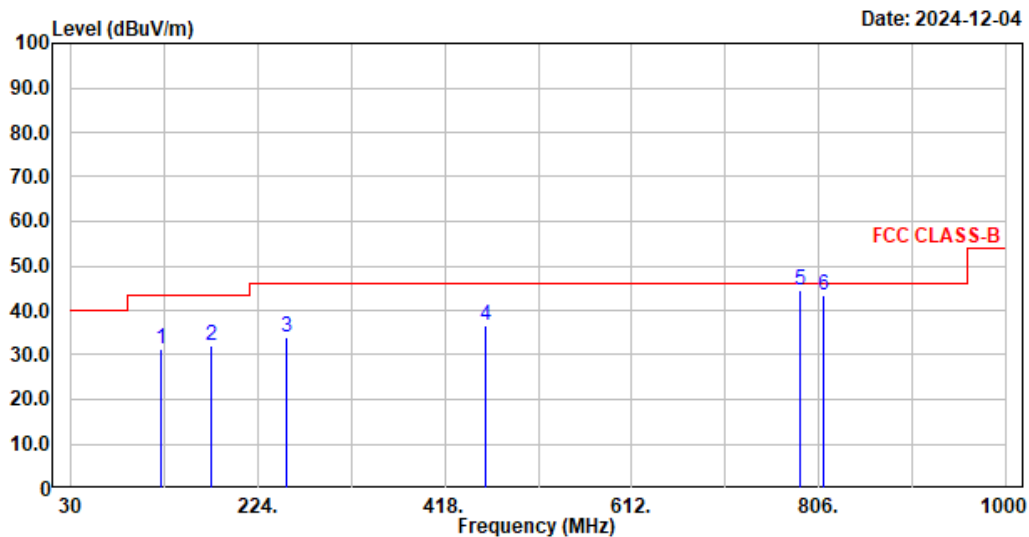


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	48.08	74.00	-25.92	54.59	-6.51	Peak

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-CB02
 Condition :3m ,HORIZONTAL
 mode :TX_BT3M_2441MHz
 Test by :Peter

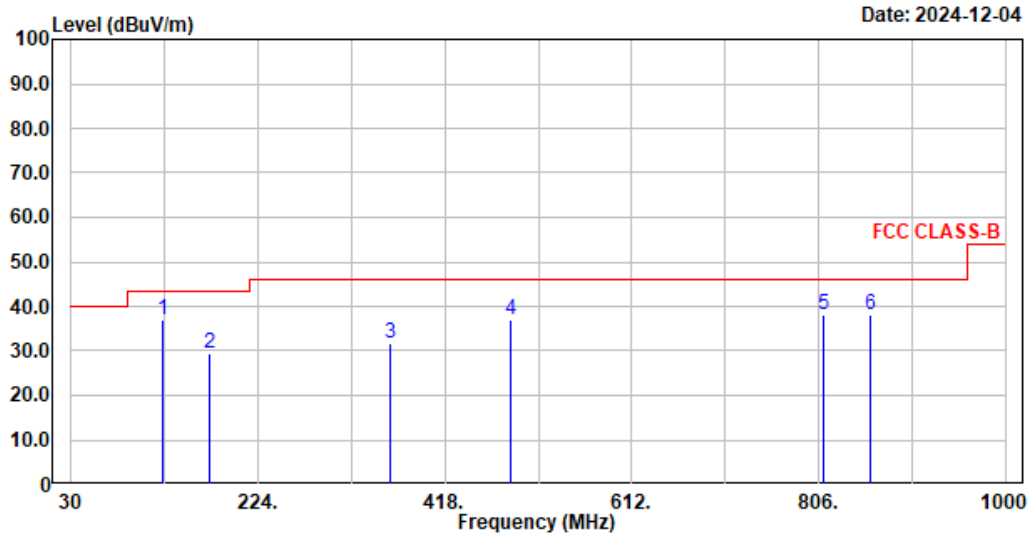


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	123.120	31.35	43.50	-12.15	56.93	-25.58	QP
2	175.500	32.26	43.50	-11.24	56.71	-24.45	QP
3	254.070	34.09	46.00	-11.91	58.47	-24.38	QP
4	460.680	36.58	46.00	-9.42	54.75	-18.17	QP
5	786.600	44.42	46.00	-1.58	56.57	-12.15	QP
6	810.850	43.23	46.00	-2.77	55.21	-11.98	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-CB02
 Condition :3m ,VERTICAL
 mode :TX_BT3M_2441MHz
 Test by :Peter

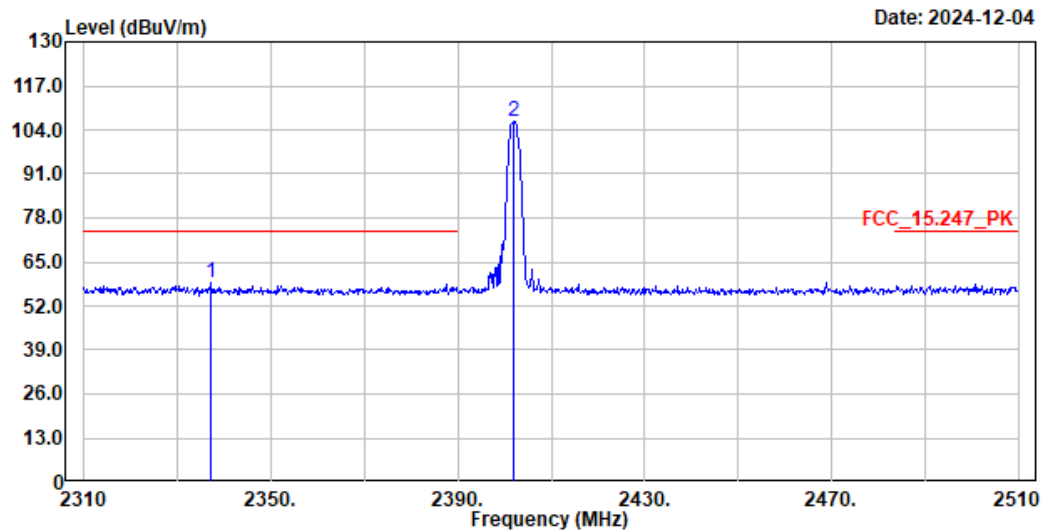


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	126.030	37.12	43.50	-6.38	62.48	-25.36	QP
2	173.560	29.45	43.50	-14.05	53.81	-24.36	QP
3	360.770	31.74	46.00	-14.26	53.05	-21.31	QP
4	485.900	36.85	46.00	-9.15	54.68	-17.83	QP
5	810.850	38.09	46.00	-7.91	50.07	-11.98	QP
6	860.320	38.24	46.00	-7.76	49.71	-11.47	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-CB02
 Condition :3m ,Horizontal
 mode :TX_BT1M_2402MHz
 Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2337.200	58.83	74.00	-15.17	28.57	30.26	Peak
2	2401.800	106.41	-----	-----	76.22	30.19	Peak

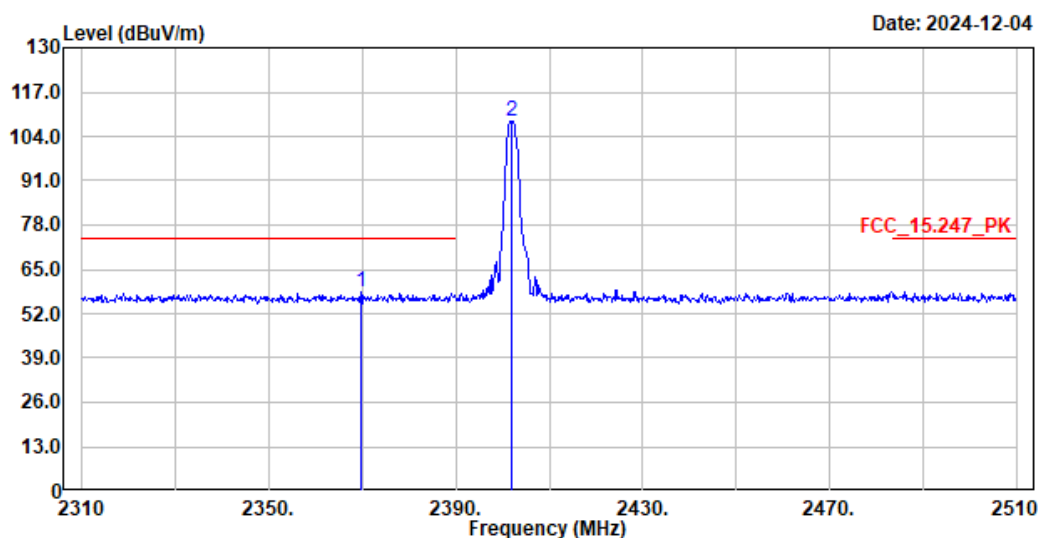
Note:

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)
2337.2	58.83	-30.752	28.078	-25.922	54.000
2401.8	106.41	-30.752	75.658	--	--

Site :HY-CB02
 Condition :3m ,VERTICAL
 mode :TX_BT1M_2402MHz
 Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2369.600	58.42	74.00	-15.58	28.26	30.16	Peak
2	2402.000	108.60	-----	-----	78.41	30.19	Peak

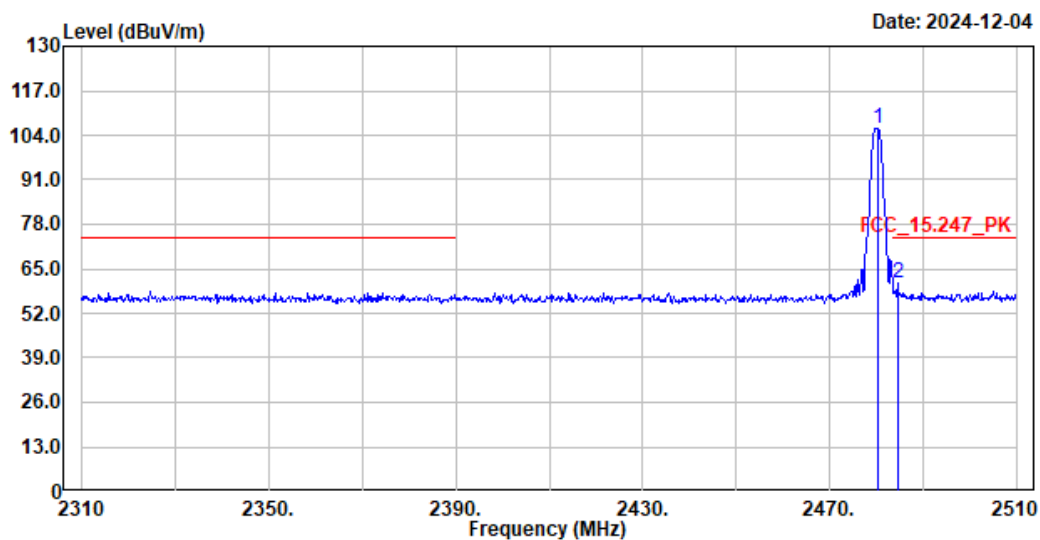
Note:

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)
2369.6	58.42	-30.752	27.668	-26.332	54.000
2402.0	108.6	-30.752	77.848	--	--

Site :HY-CB02
 Condition :3m ,Horizontal
 mode :TX_BT1M_2480MHz
 Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2480.200	106.12	-----	-----	75.97	30.15	Peak
2	2484.600	60.96	74.00	-13.04	30.76	30.20	Peak

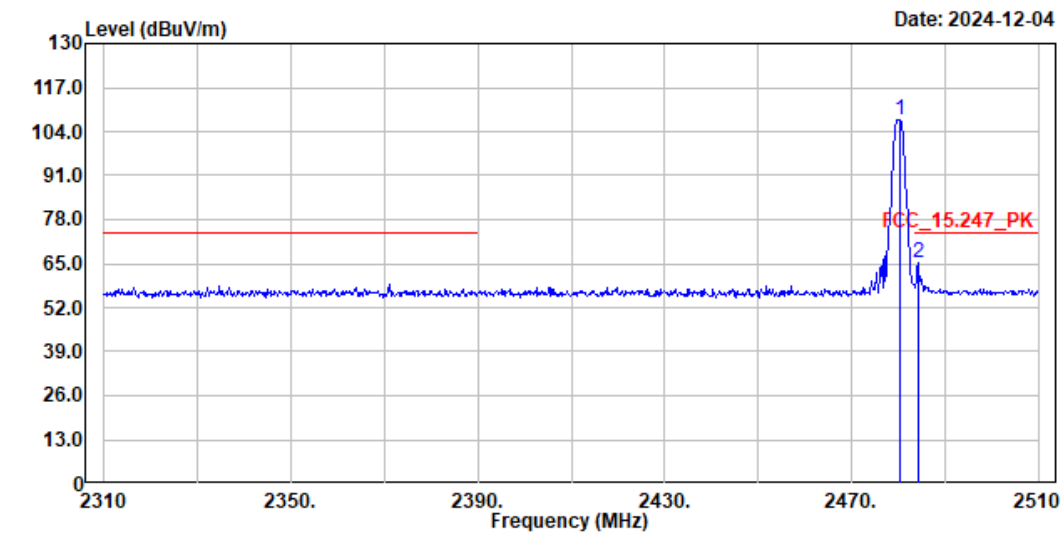
Note:

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	106.12	-30.752	75.368	--	--
2484.6	60.96	-30.752	30.208	-23.792	54.000

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BT1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2480.200	107.54	-----	-----	77.39	30.15	Peak
2	2484.200	65.05	74.00	-8.95	34.86	30.19	Peak

Note:

1. Level = Read Level + Factor

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

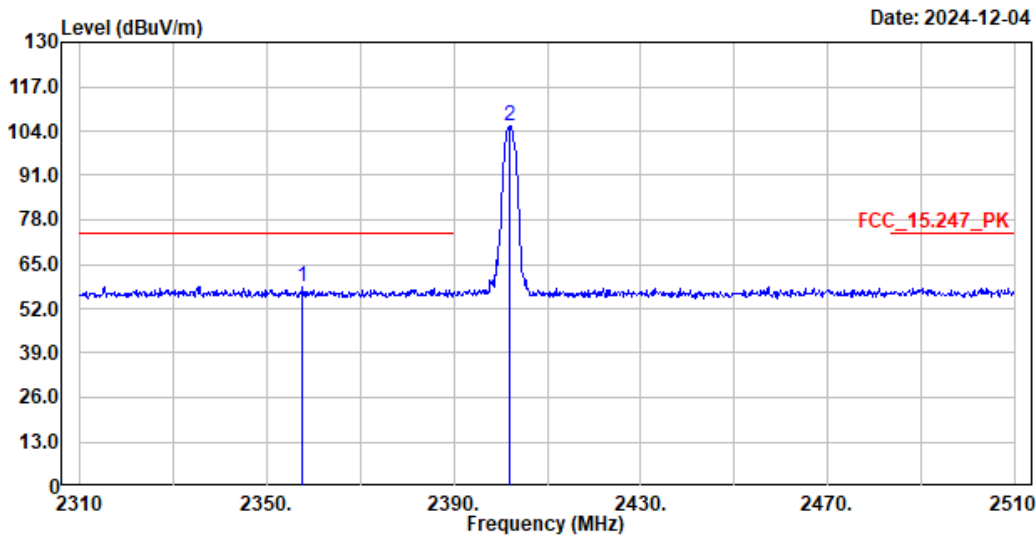
3. Over Limit = Level - Limit Line

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)
2480.2	107.54	-30.752	76.788	--	--
2484.2	65.05	-30.752	34.298	-19.702	54.000

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BT3M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
			Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2357.600	58.28	74.00	-15.72	28.03	30.25	Peak
2	2402.000	105.45	-----	-----	75.26	30.19	Peak

Note:

1. Level = Read Level + Factor

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

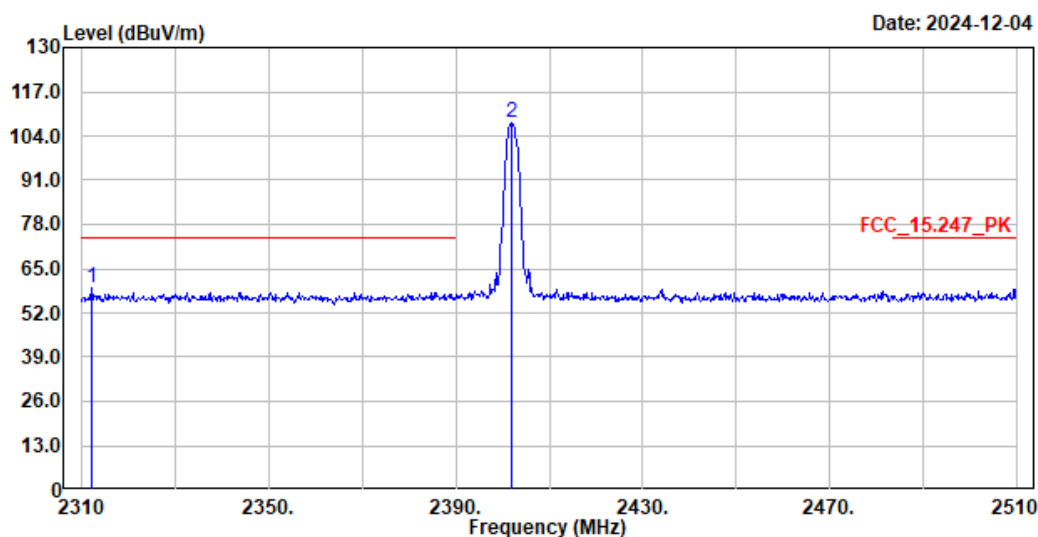
3. Over Limit = Level - Limit Line

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)
2357.6	58.28	-31.057	27.223	-26.777	54.000
2402.0	105.45	-31.057	74.393	--	--

Site :HY-CB02
 Condition :3m ,VERTICAL
 mode :TX_BT3M_2402MHz
 Test by :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2312.200	59.14	74.00	-14.86	28.94	30.20	Peak
2	2402.000	107.85	-----	-----	77.66	30.19	Peak

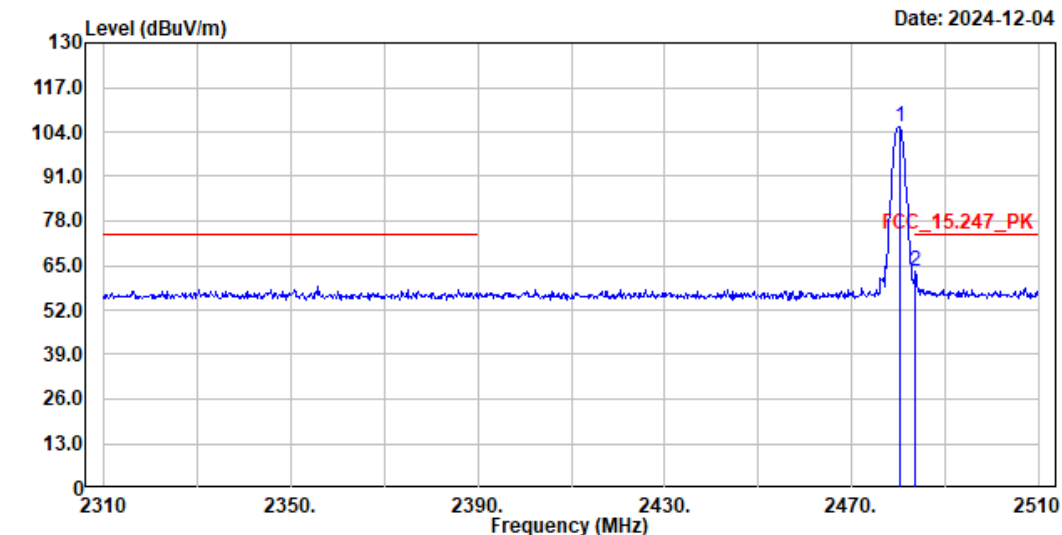
Note:

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)
2312.2	59.14	-31.057	28.083	-25.917	54.000
2402.0	107.85	-31.057	76.793	--	--

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BT3M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	105.44	-----	-----	75.29	30.15	Peak
2	2483.600	63.34	74.00	-10.66	33.15	30.19	Peak

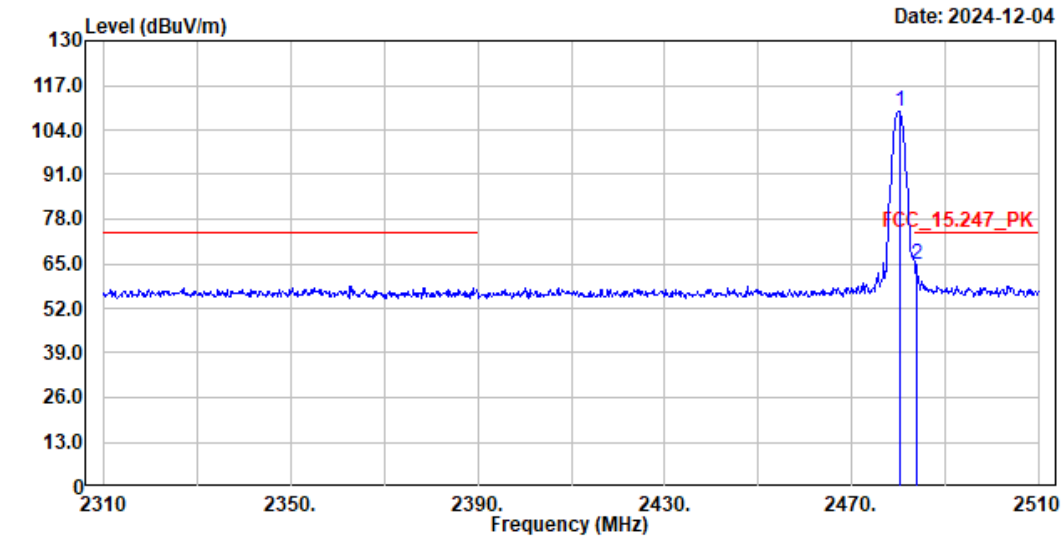
Note:

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	105.44	-31.057	74.383	--	--
2483.6	63.34	-31.057	32.283	-21.717	54.000

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BT3M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2480.200	109.35	-----	-----	79.20	30.15	Peak
2	2483.800	64.82	74.00	-9.18	34.63	30.19	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)
2480.2	109.35	-31.057	78.293	--	--
2483.8	64.82	-31.057	33.763	-20.237	54.000