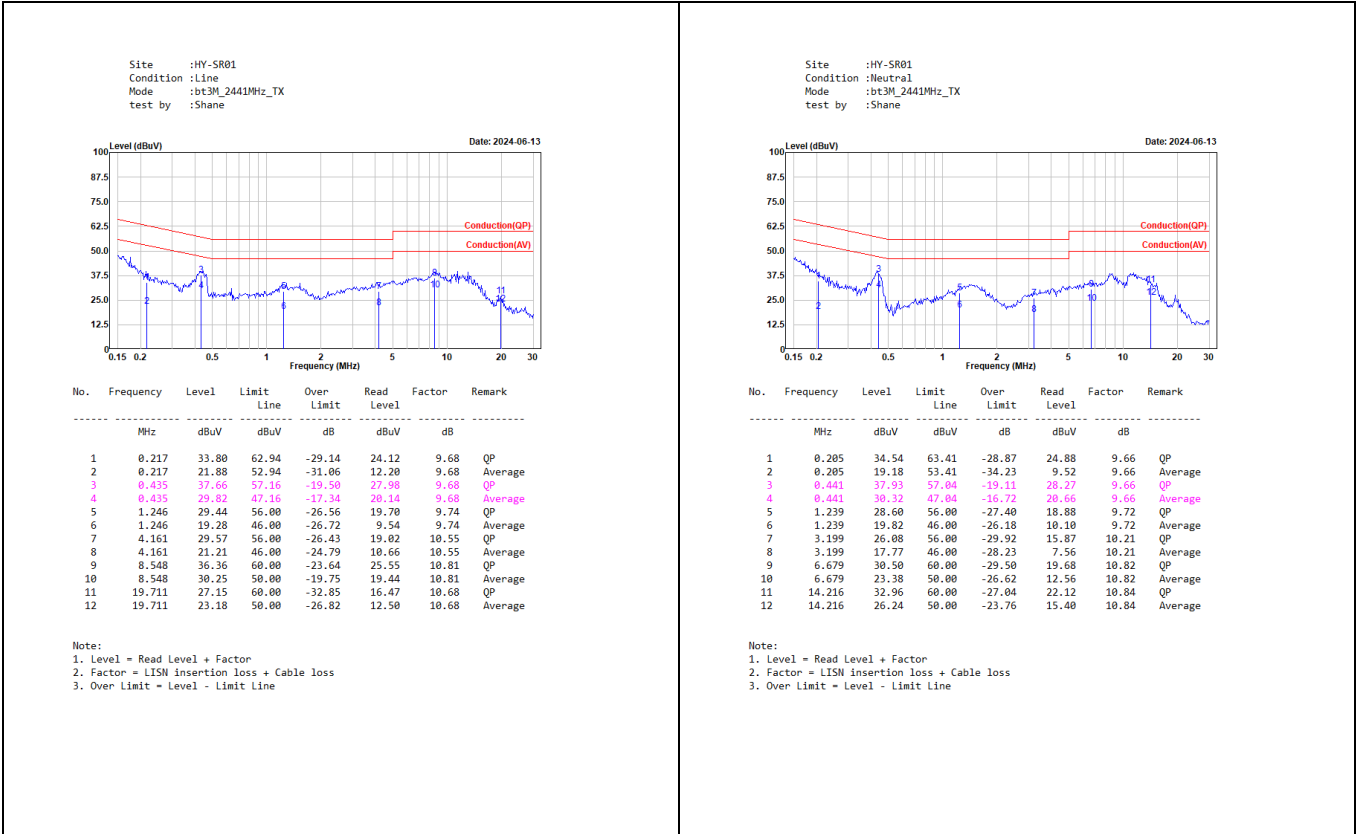
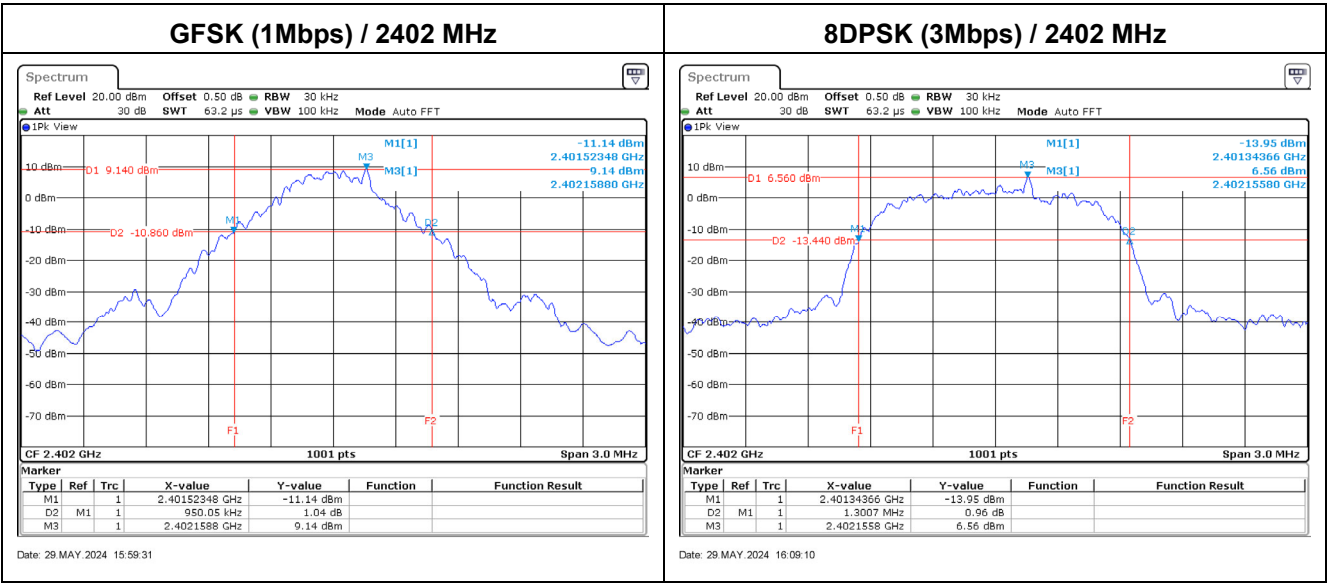


Appendix A. Test Result of AC Power Line Conducted Emission



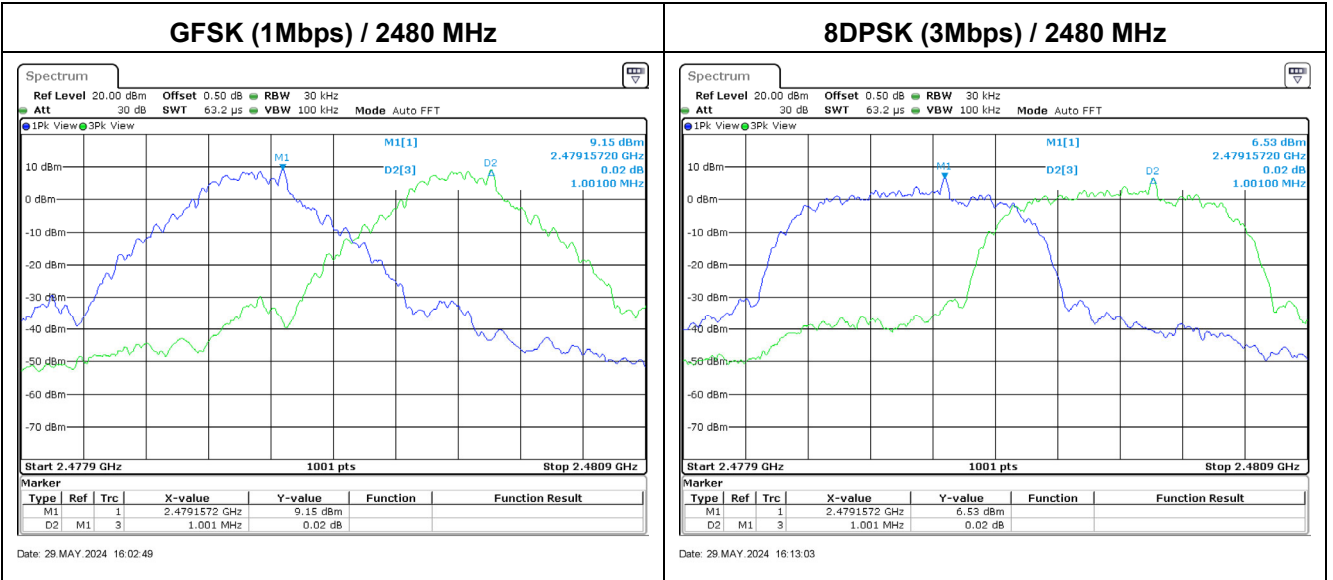
Appendix B. Test Result of 20dB Bandwidth

Modulation	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)
GFSK	2402	950	-
	2441	950	-
	2480	950	-
8DPSK	2402	1301	-
	2441	1301	-
	2480	1301	-



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	998	>25	633.4	Pass
	2441	998	>25	633.4	Pass
	2480	1001	>25	633.4	Pass
8DPSK	2402	998	>25	867.1	Pass
	2441	998	>25	867.1	Pass
	2480	1001	>25	867.1	Pass

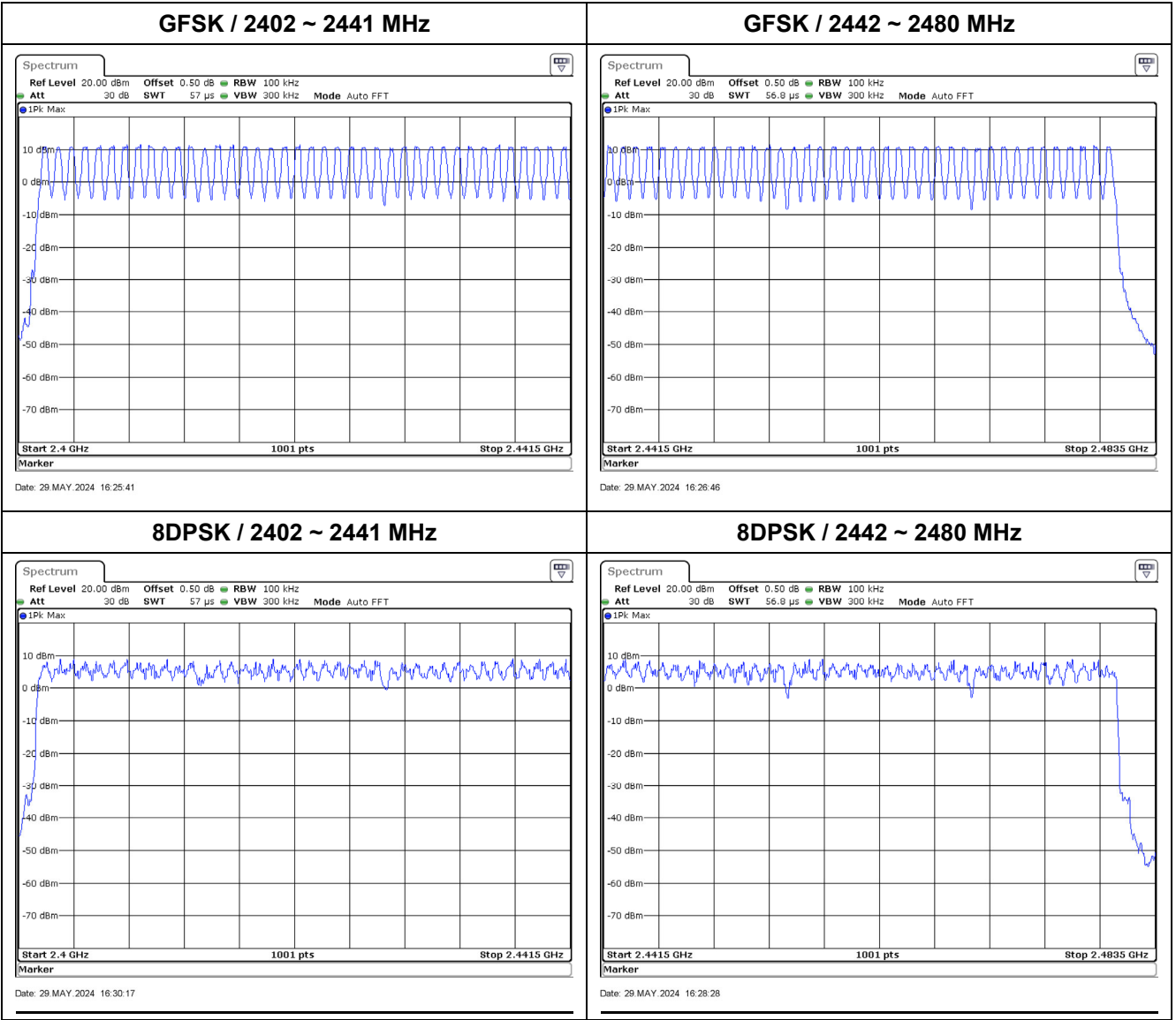


Appendix D. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	2402	12.15	21.00	Pass
	2441	12.20	21.00	Pass
	2480	12.17	21.00	Pass
8DPSK	2402	12.24	21.00	Pass
	2441	12.28	21.00	Pass
	2480	12.26	21.00	Pass

Appendix E. Test Result of Number of Hopping Frequency

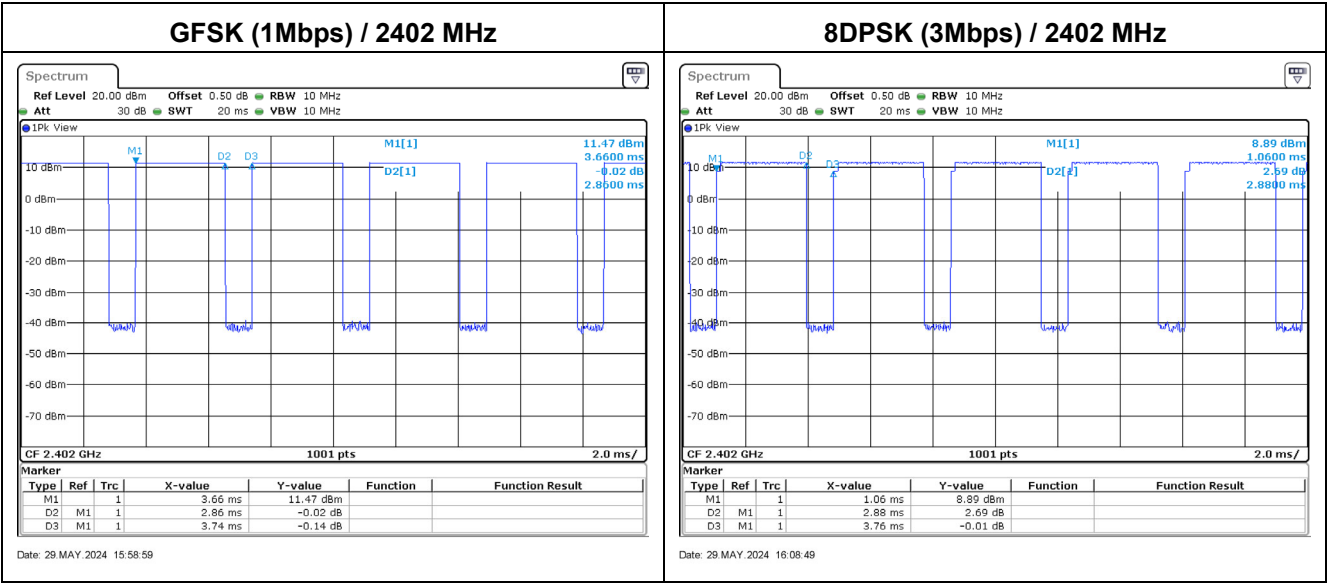
Modulation	Frequency Range (MHz)	Measure Level (Channels)	Limit (Channels)	Result
GFSK	2402 ~ 2480	79	≥ 15	Pass
8DPSK	2402 ~ 2480	79	≥ 15	Pass



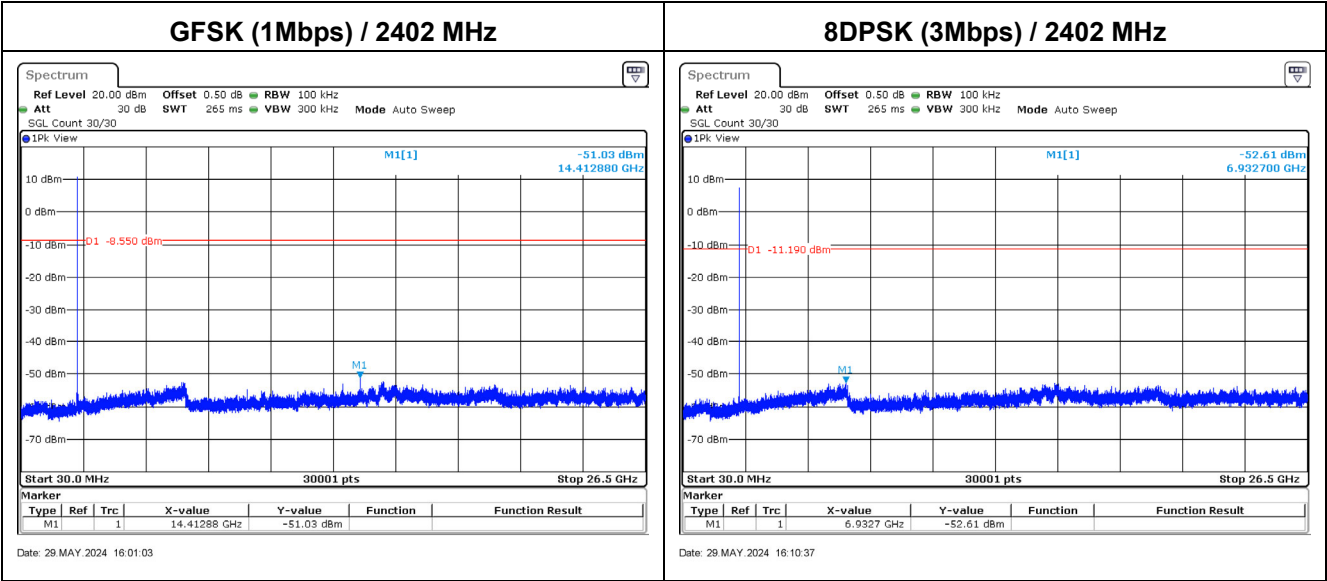
Appendix F. Test Result of Dwell Time

Modulation	Frequency (MHz)	Time slot length (ms)	Period (sec)	Calculation	Dwell Time (ms)	Limit (ms)	Result
GFSK	2402	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
	2441	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
	2480	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
8DPSK	2402	2.880	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	307.204	400	Pass
	2441	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
	2480	2.880	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	307.204	400	Pass

Note: Dwell time =Time slot length* calculation

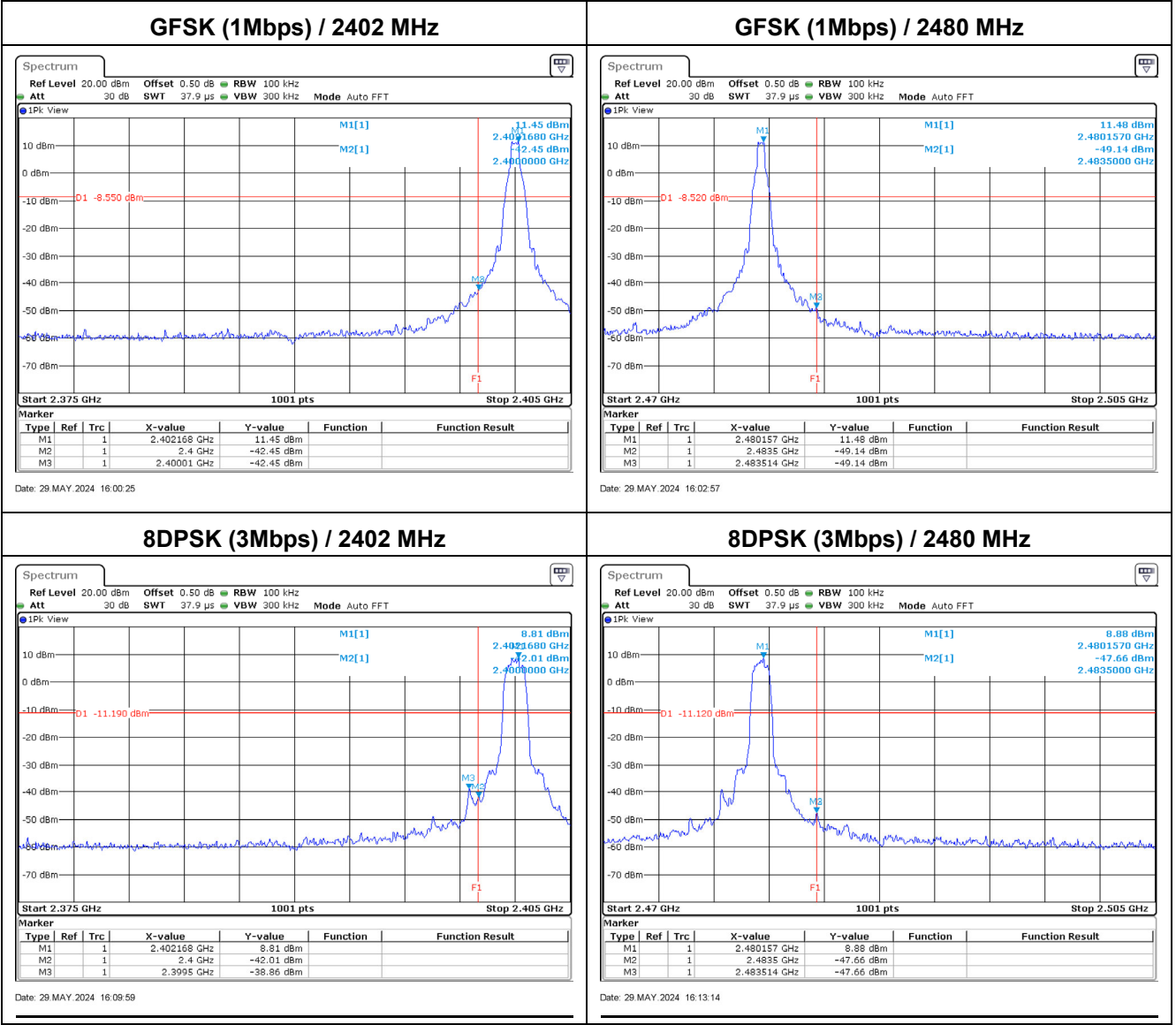


Appendix G. Test Result of Antenna Port Conducted Emission



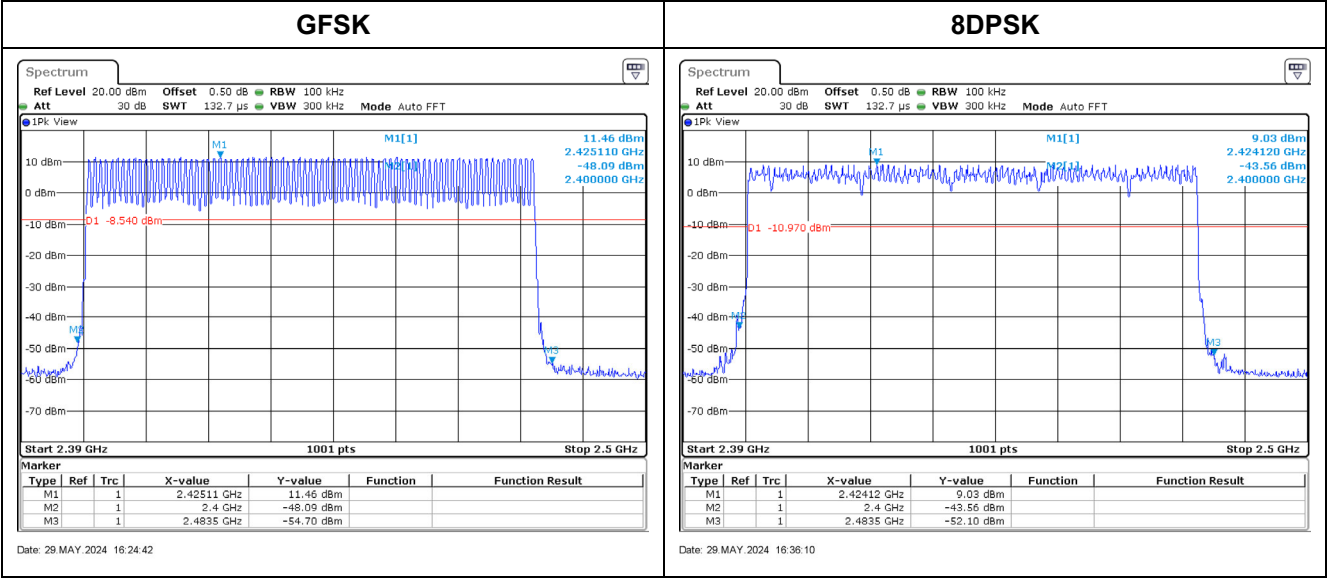
Hopping off

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

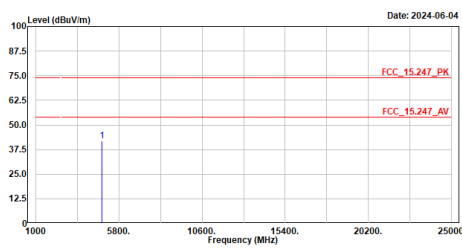


Appendix H. Test Result of Radiated Emission

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt1M_2402MHz
Test BY :Caster

Level (dBuV/m)

Date: 2024-06-04



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4884.000	41.87	74.00	-32.13	56.69	-14.82	Peak

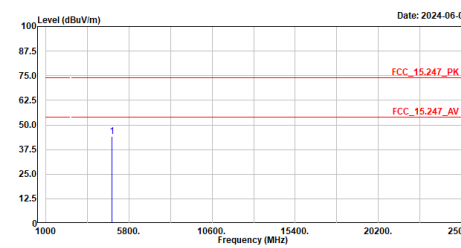
Note:

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-CB01
Condition :3m ,VERTICAL
Mode :TX_bt1M_2402MHz
Test BY :Caster

Level (dBuV/m)

Date: 2024-06-04



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4884.000	44.29	74.00	-29.71	59.11	-14.82	Peak

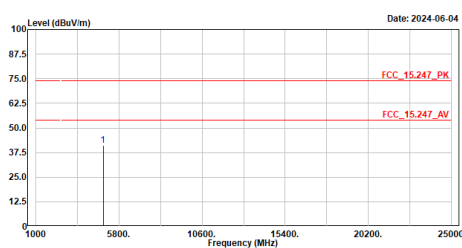
Note:

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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt1M_2441MHz
Test BY :Caster

Level (dBuV/m)

Date: 2024-06-04



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4882.000	41.31	74.00	-32.69	55.88	-14.57	Peak

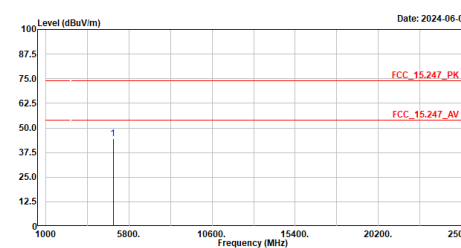
Note:

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.

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_bt1M_2441MHz
Test BY :Caster

Level (dBuV/m)

Date: 2024-06-04

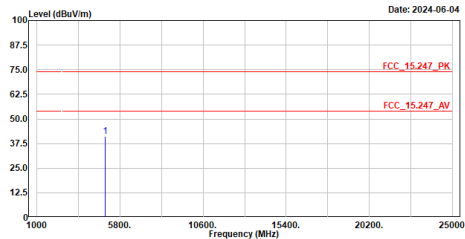


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4882.000	44.44	74.00	-29.56	59.01	-14.57	Peak

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.

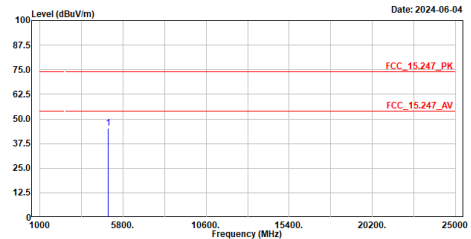
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt1H_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	41.16	74.00	-32.84	55.48	-14.32	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.

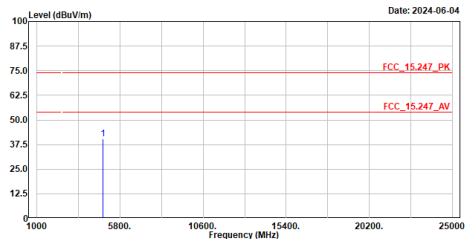
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_bt1H_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	45.33	74.00	-28.67	59.65	-14.32	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.

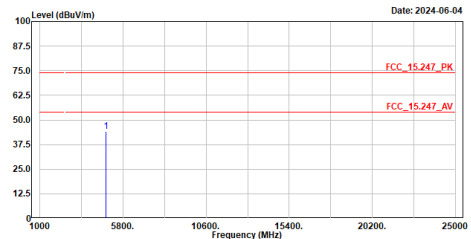
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt3H_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	40.33	74.00	-33.67	55.15	-14.82	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.

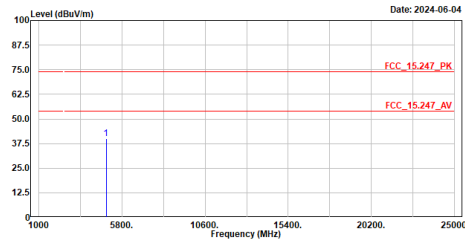
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_bt3H_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	44.12	74.00	-29.88	58.94	-14.82	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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt3M_2441MHz
Test BY :Caster

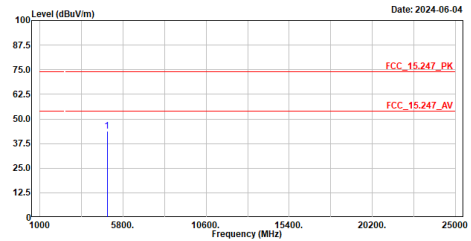


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4882.000	40.18	74.00	-33.82	54.75	-14.57	Peak

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.

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_bt3M_2441MHz
Test BY :Caster

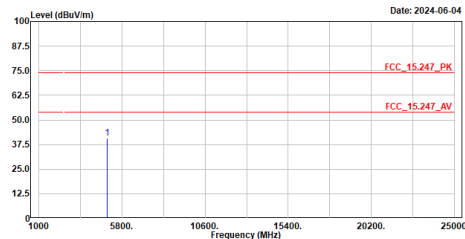


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4882.000	43.69	74.00	-30.31	58.26	-14.57	Peak

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.

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt3M_2480MHz
Test BY :Caster

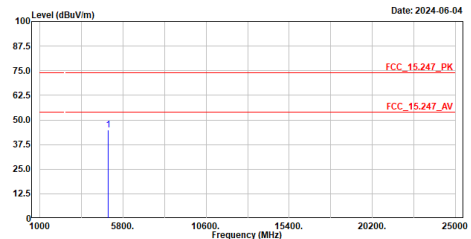


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	40.61	74.00	-33.39	54.93	-14.32	Peak

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-CB01
Condition :3m ,VERTICAL
Mode :TX_bt3M_2480MHz
Test BY :Caster

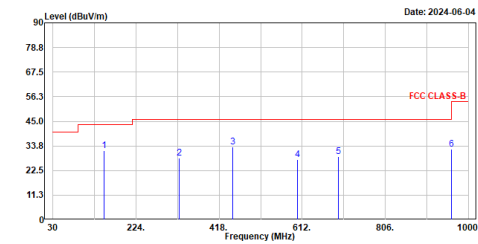


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	44.79	74.00	-29.21	59.11	-14.32	Peak

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.

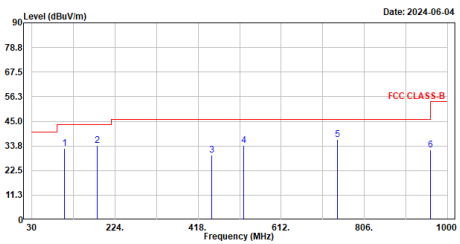
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt3M_2441MHz
Test BY :Peter



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	149.310	31.46	43.50	-12.04	55.35	-23.89	QP
2	324.880	28.07	46.00	-17.93	50.20	-22.13	QP
3	450.010	33.13	46.00	-12.87	51.90	-18.77	QP
4	600.360	27.47	46.00	-18.53	42.77	-15.30	QP
5	696.390	29.02	46.00	-16.98	43.00	-13.98	QP
6	960.230	32.14	54.00	-21.86	42.94	-10.80	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.

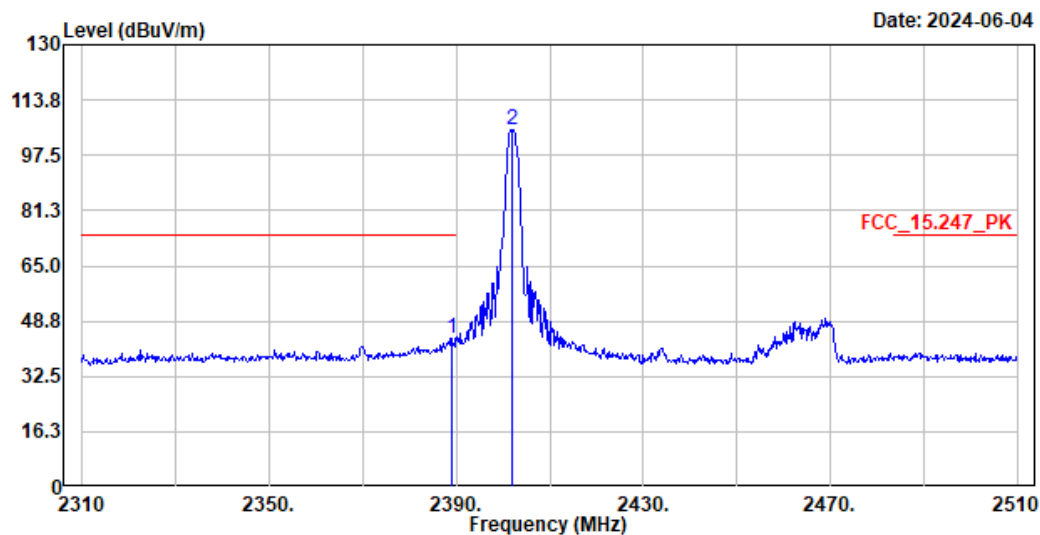
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_bt3M_2441MHz
Test BY :Peter



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	106.630	32.51	43.50	-10.99	59.83	-27.32	QP
2	183.260	34.04	43.50	-9.46	59.78	-25.74	QP
3	450.010	29.45	46.00	-16.55	48.22	-18.77	QP
4	524.700	33.87	46.00	-12.13	51.40	-17.53	QP
5	742.950	36.56	46.00	-9.44	49.74	-13.18	QP
6	960.230	31.90	54.00	-22.10	42.70	-10.80	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-CB01
 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	2389.000	43.79	74.00	-30.21	37.91	5.88	Peak
2	2401.800	105.12	-----	-----	99.32	5.80	Peak

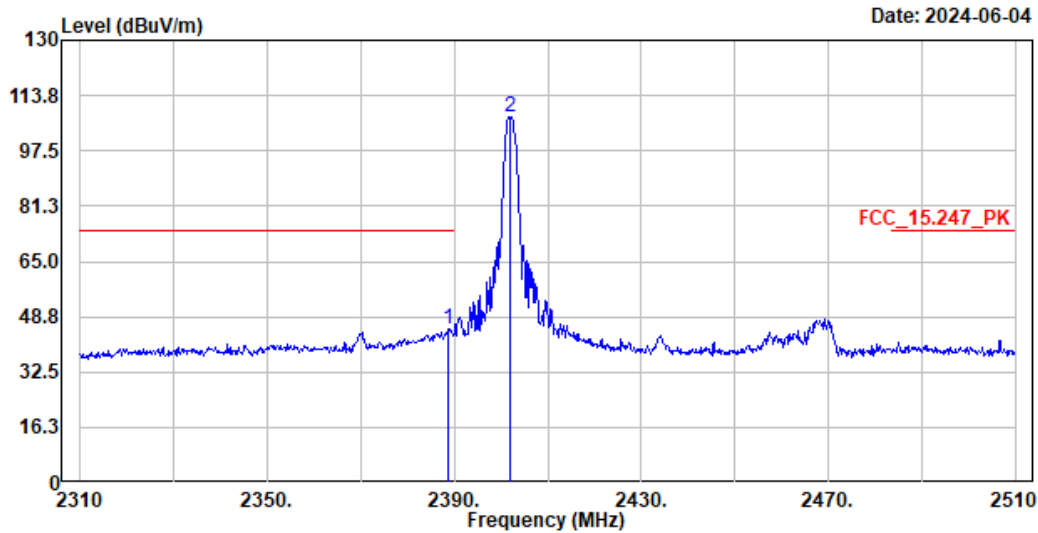
Note:

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2389	43.79	-24.731	19.059	-34.941	54.000
2401.8	105.12	-24.731	80.389	--	--

Site :HY-CB01
Condition :3m ,VERTICAL
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	2388.800	45.10	74.00	-28.90	39.22	5.88	Peak
2	2402.000	107.56	-----	-----	101.76	5.80	Peak

Note:

1. Level = Read Level + Factor

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

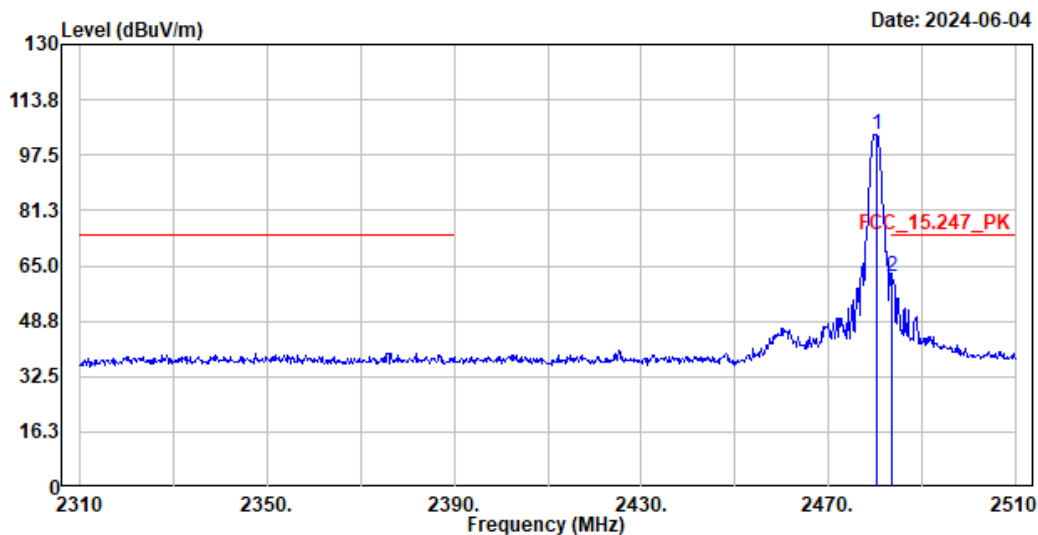
3. Over Limit = Level - Limit Line

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

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2388.8	45.1	-24.731	20.369	-33.631	54.000
2402	107.56	-24.731	82.829	--	--

Site :HY-CB01
 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	2480.200	103.50	-----	-----	97.78	5.72	Peak
2	2483.600	61.64	74.00	-12.36	55.92	5.72	Peak

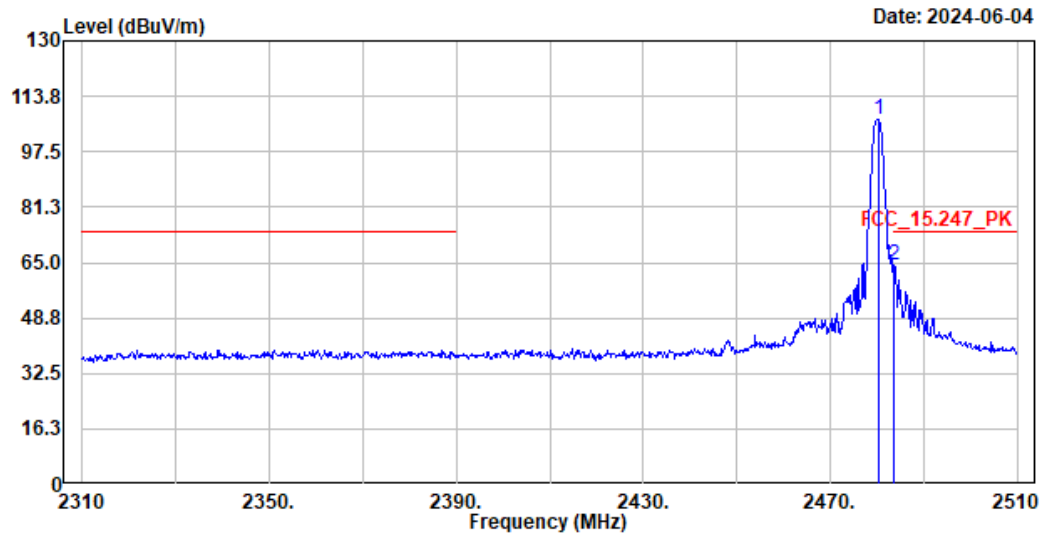
Note:

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	103.5	-24.731	78.769	--	--
2483.6	61.64	-24.731	36.909	-17.091	54.000

Site :HY-CB01
 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	2480.200	106.79	-----	-----	101.07	5.72	Peak
2	2483.600	64.06	74.00	-9.94	58.34	5.72	Peak

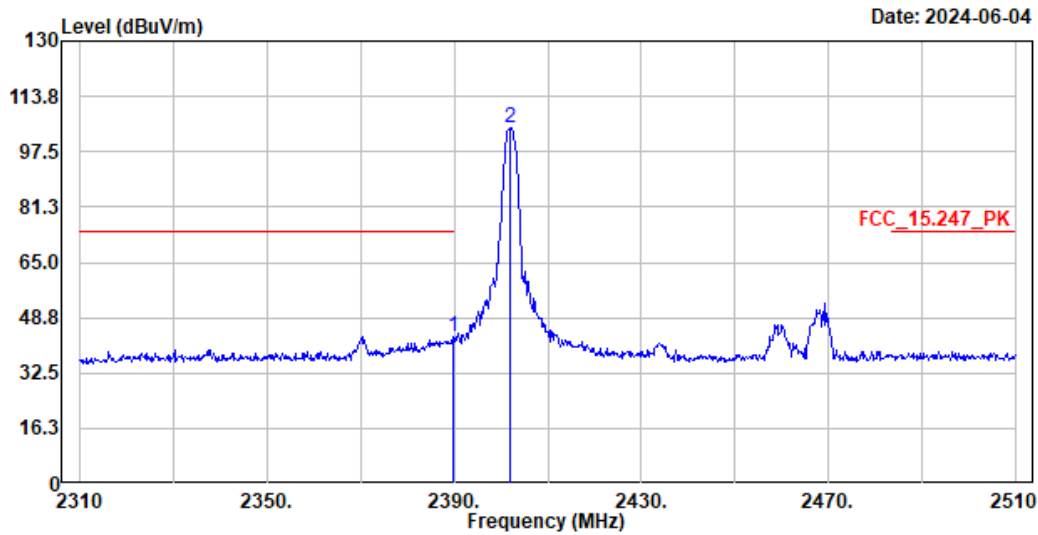
Note:

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	106.79	-24.731	82.059	--	--
2483.6	64.06	-24.731	39.329	-14.671	54.000

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_bt3M_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	2389.800	43.34	74.00	-30.66	37.45	5.89	Peak
2	2402.000	104.65	-----	-----	98.85	5.80	Peak

Note:

1. Level = Read Level + Factor

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

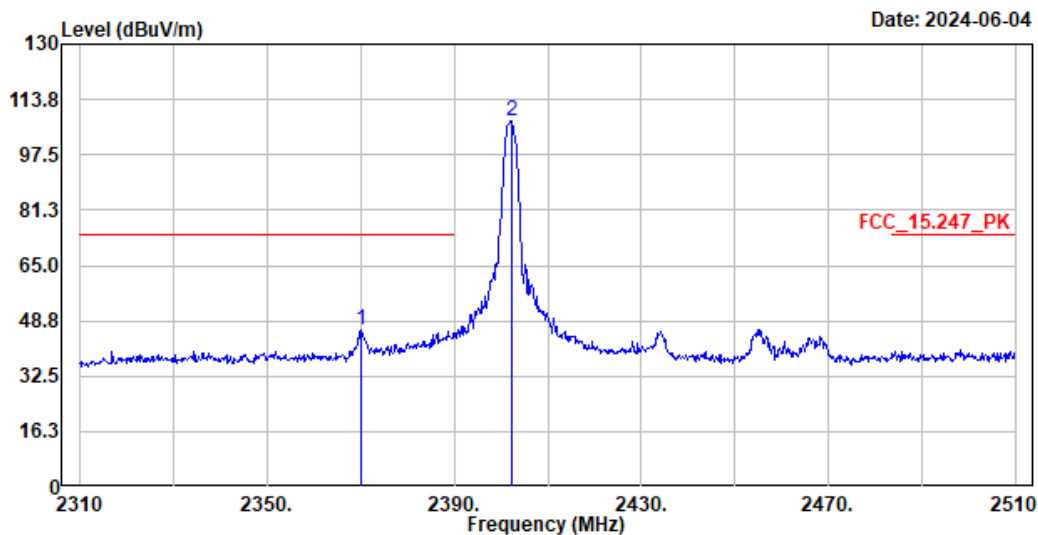
3. Over Limit = Level - Limit Line

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

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2389.8	43.34	-24.731	18.609	-35.391	54.000
2402	104.65	-24.731	79.919	--	--

Site :HY-CB01
 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	2370.000	46.09	74.00	-27.91	40.32	5.77	Peak
2	2402.200	107.21	-----	-----	101.41	5.80	Peak

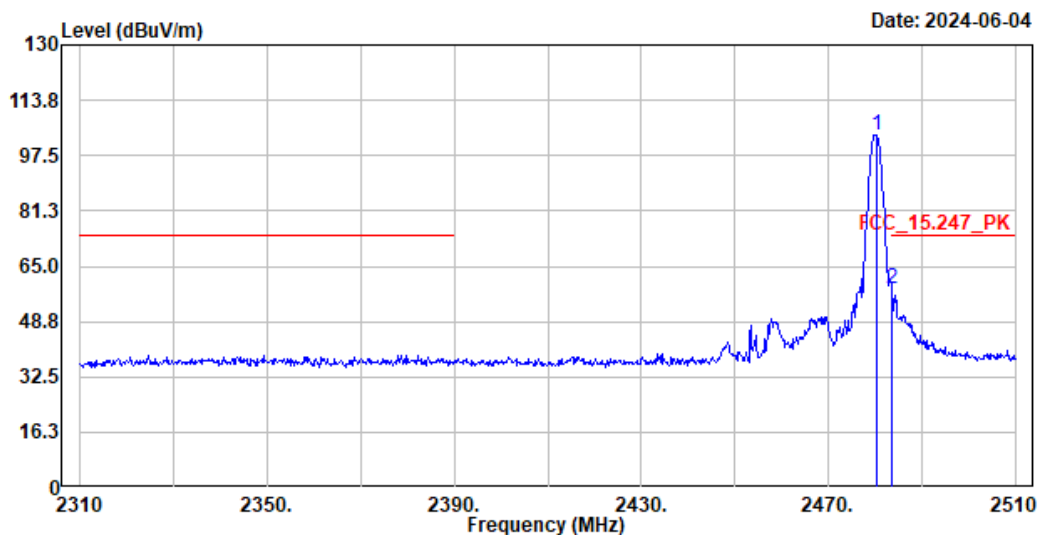
Note:

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.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2370	46.09	-24.731	21.359	-32.641	54.000
2402.2	107.21	-24.731	82.479	--	--

Site :HY-CB01
 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	103.70	-----	-----	97.98	5.72	Peak
2	2483.600	58.55	74.00	-15.45	52.83	5.72	Peak

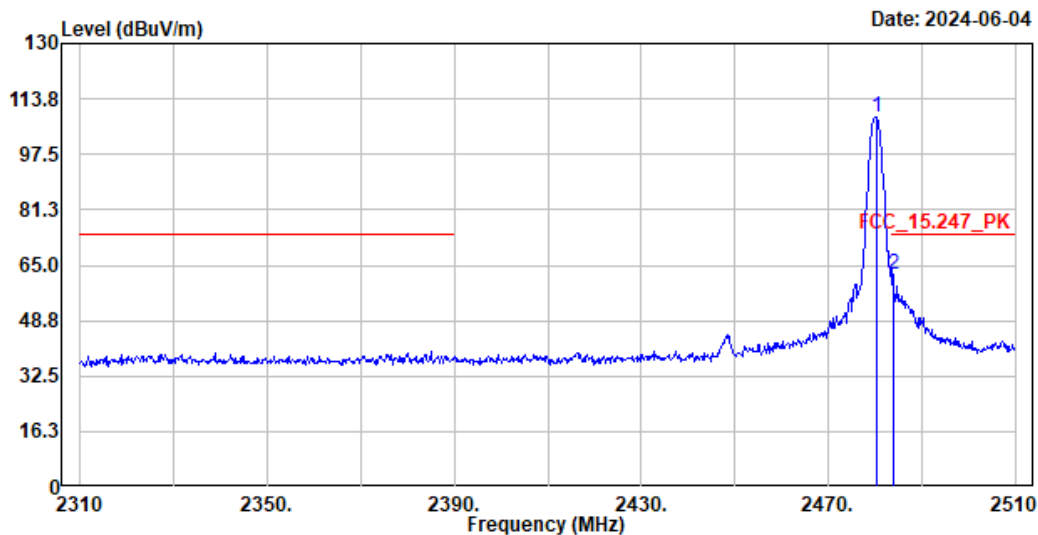
Note:

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	103.7	-24.731	78.969	--	--
2483.6	58.55	-24.731	33.819	-20.181	54.000

Site :HY-CB01
 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	2480.200	108.36	-----	-----	102.64	5.72	Peak
2	2483.800	62.47	74.00	-11.53	56.75	5.72	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	108.36	-24.731	83.629	--	--
2483.8	62.47	-24.731	37.739	-16.261	54.000