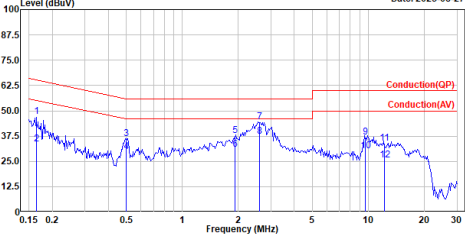
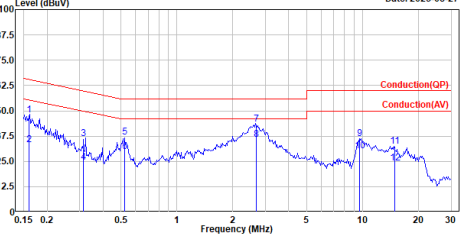


Appendix A. Test Result of AC Power Line Conducted Emission

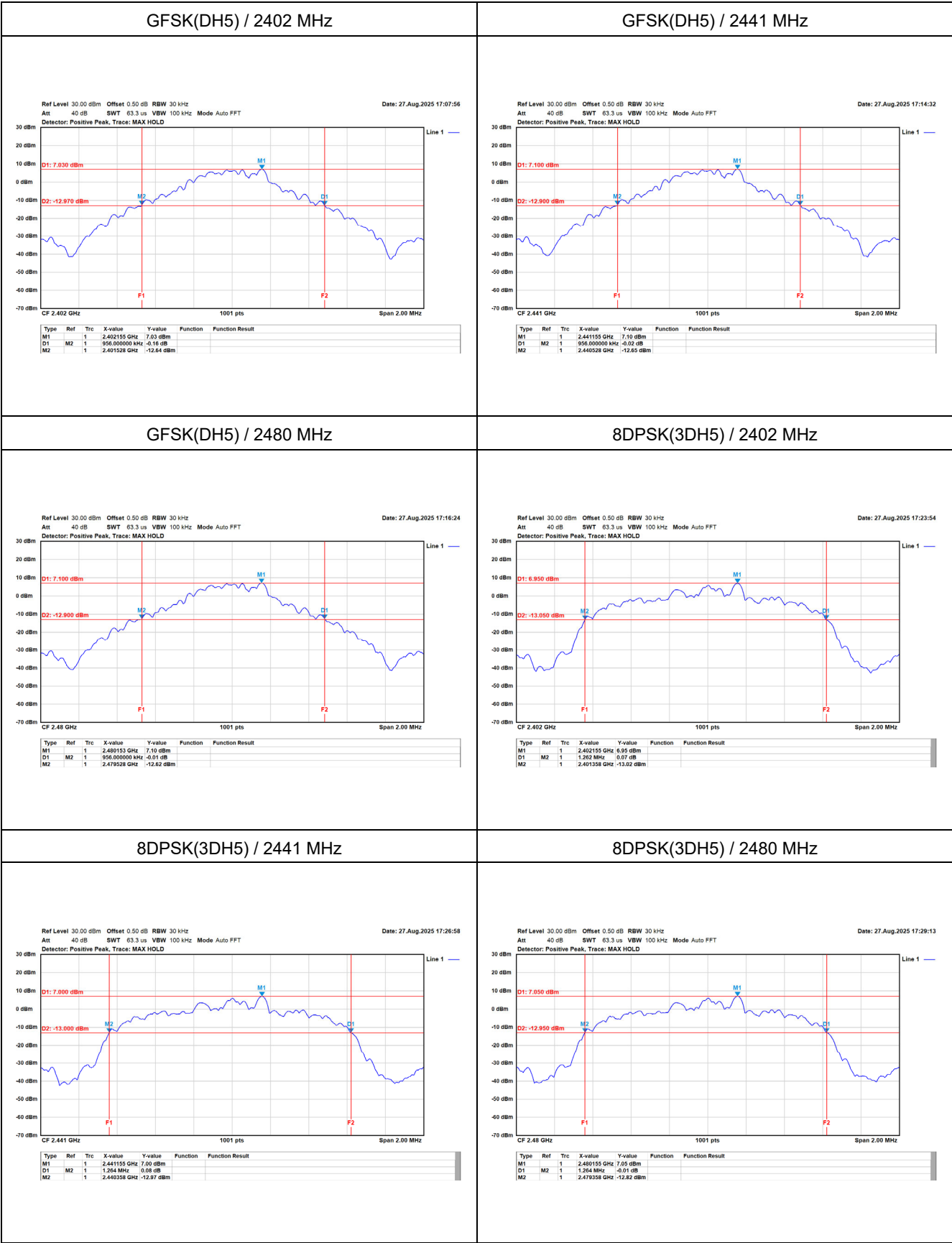
TX_BT3M_2441MHz_Line								TX_BT3M_2441MHz_Neutral							
Site :HY-SR01 Condition :Line Mode :TX_BT3M_2441MHz test by :Neko Date: 2025-08-27								Site :HY-SR01 Condition :Neutral Mode :TX_BT3M_2441MHz test by :Neko Date: 2025-08-27							
															
No.	Frequency	Level	Limit	Over	Read	Factor	Remark	No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB			MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.165	47.01	65.22	-18.21	37.44	9.57	QP	1	0.159	47.97	65.49	-17.52	38.41	9.56	QP
2	0.165	33.74	55.22	-21.48	24.17	9.57	Average	2	0.159	33.08	55.49	-22.41	23.52	9.56	Average
3	0.500	36.14	56.00	-19.86	26.55	9.59	QP	3	0.314	36.36	59.86	-23.50	26.78	9.58	QP
4	0.500	29.62	46.00	-16.38	20.03	9.59	Average	4	0.314	24.34	49.86	-25.52	14.76	9.58	Average
5	1.913	37.57	56.00	-18.43	27.87	9.70	QP	5	0.524	36.85	56.00	-19.15	27.26	9.59	QP
6	1.913	30.93	46.00	-15.07	21.23	9.70	Average	6	0.524	30.00	46.00	-16.00	20.41	9.59	Average
7	2.593	44.61	56.00	-11.39	34.82	9.79	QP	7	2.670	43.47	56.00	-12.53	33.66	9.81	QP
8	2.593	37.25	46.00	-8.75	27.46	9.79	Average	8	2.670	35.74	46.00	-10.26	25.93	9.81	Average
9	9.659	37.13	60.00	-22.87	26.95	10.18	QP	9	9.640	36.26	60.00	-23.74	26.03	10.23	QP
10	9.659	30.16	50.00	-19.84	19.98	10.18	Average	10	9.640	30.27	50.00	-19.73	20.04	10.23	Average
11	12.162	33.92	60.00	-26.08	23.93	9.99	QP	11	14.837	32.47	60.00	-27.53	22.61	9.86	QP
12	12.162	25.56	50.00	-24.44	15.57	9.99	Average	12	14.837	24.18	50.00	-25.82	14.32	9.86	Average

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

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

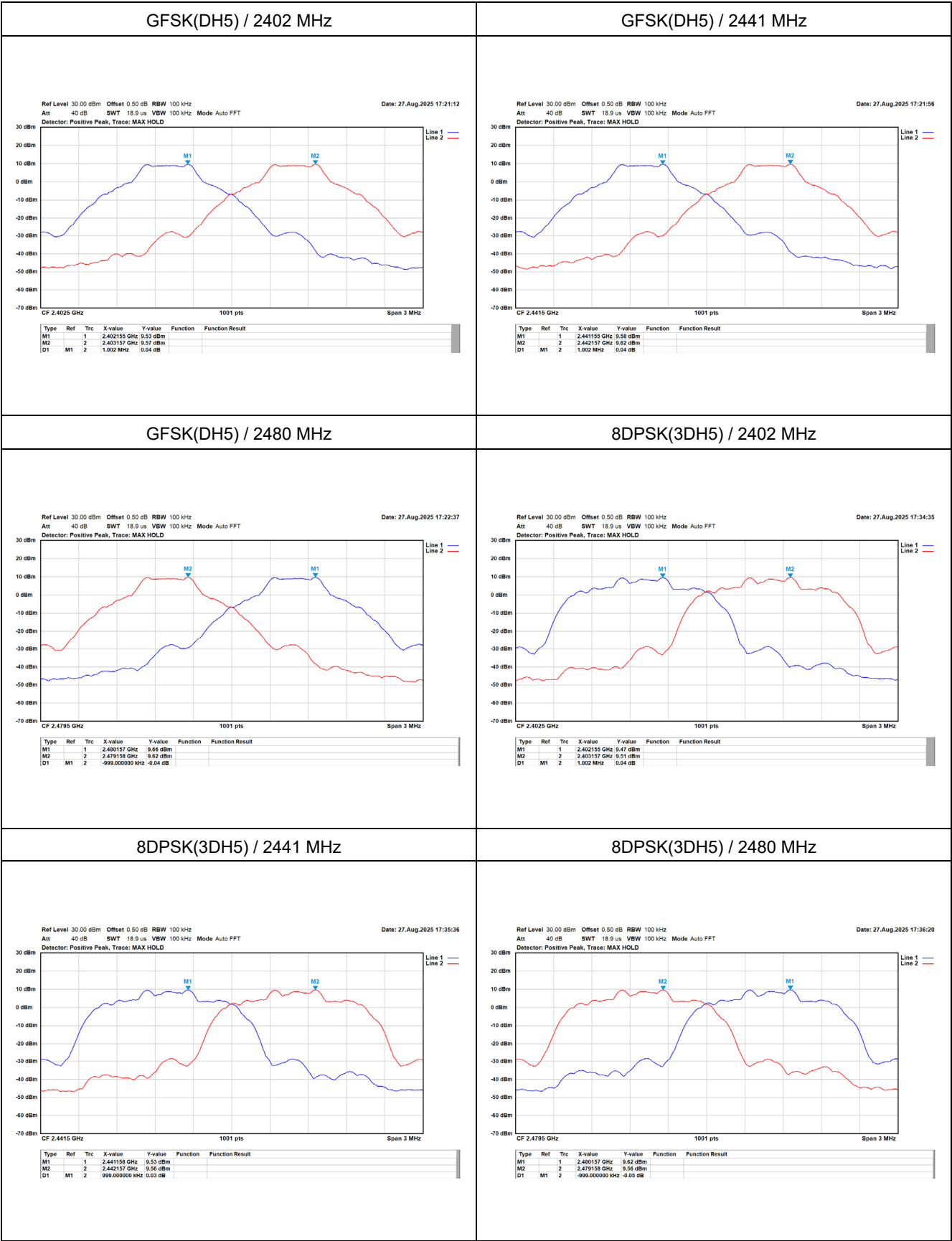
Appendix B. Test Result of 20dB Bandwidth

Modulation	Frequency (MHz)	20dB Bandwidth (MHz)	Limit (MHz)
GFSK	2402	0.96	-
	2441	0.96	-
	2480	0.96	-
8DPSK	2402	1.26	-
	2441	1.26	-
	2480	1.26	-



Appendix C. Test Result of Carrier Frequency Separation

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK	2402	1.00	0.637	Pass
	2441	1.00	0.637	Pass
	2480	0.99	0.637	Pass
8DPSK	2402	1.00	0.841	Pass
	2441	0.99	0.843	Pass
	2480	0.99	0.843	Pass

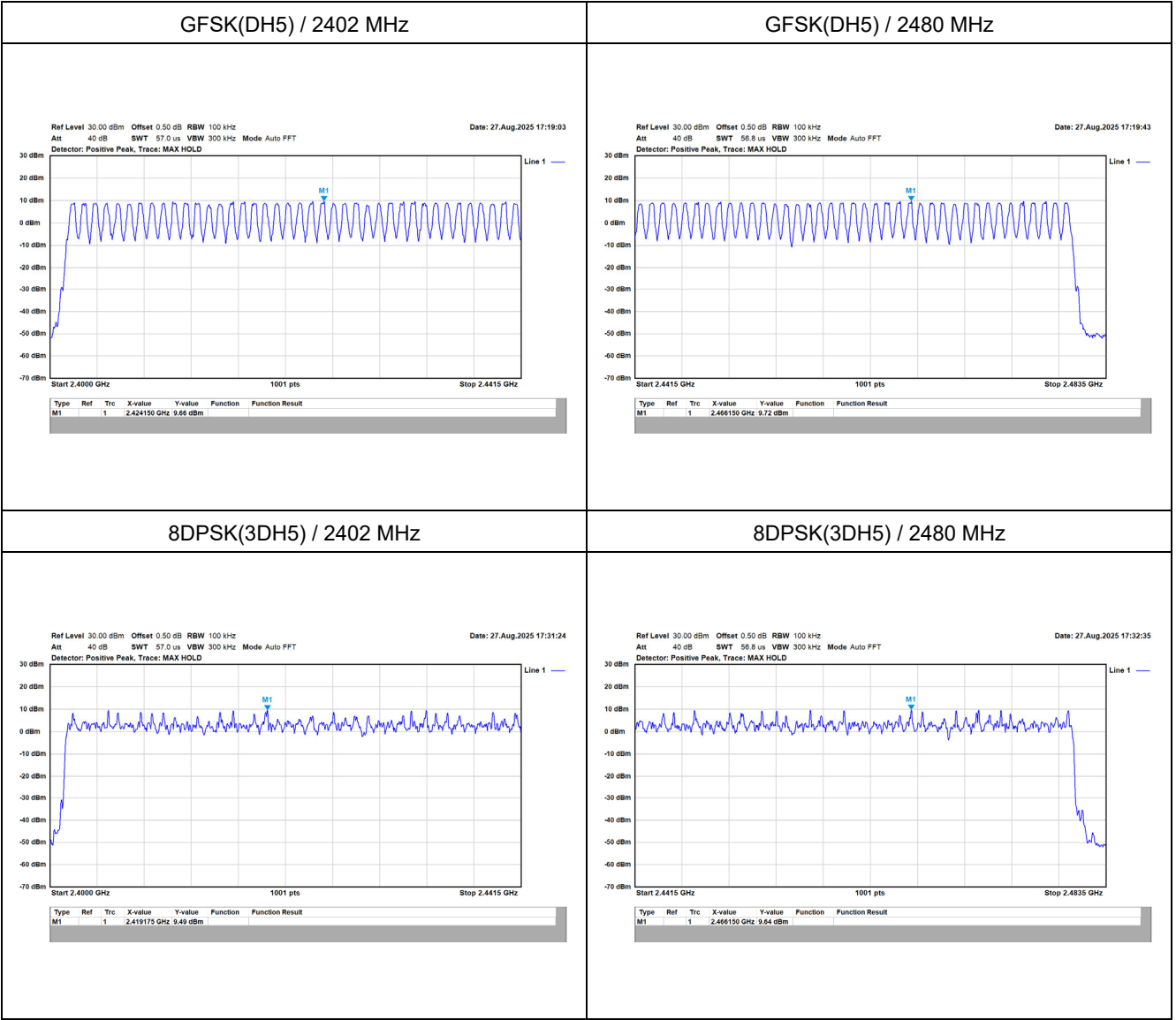


Appendix D. Test Result of Maximum Peak Conducted Output Power

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK	2402	10.92	21.00	Pass
	2441	11.03	21.00	Pass
	2480	11.05	21.00	Pass
8DPSK	2402	10.84	21.00	Pass
	2441	10.93	21.00	Pass
	2480	11.12	21.00	Pass

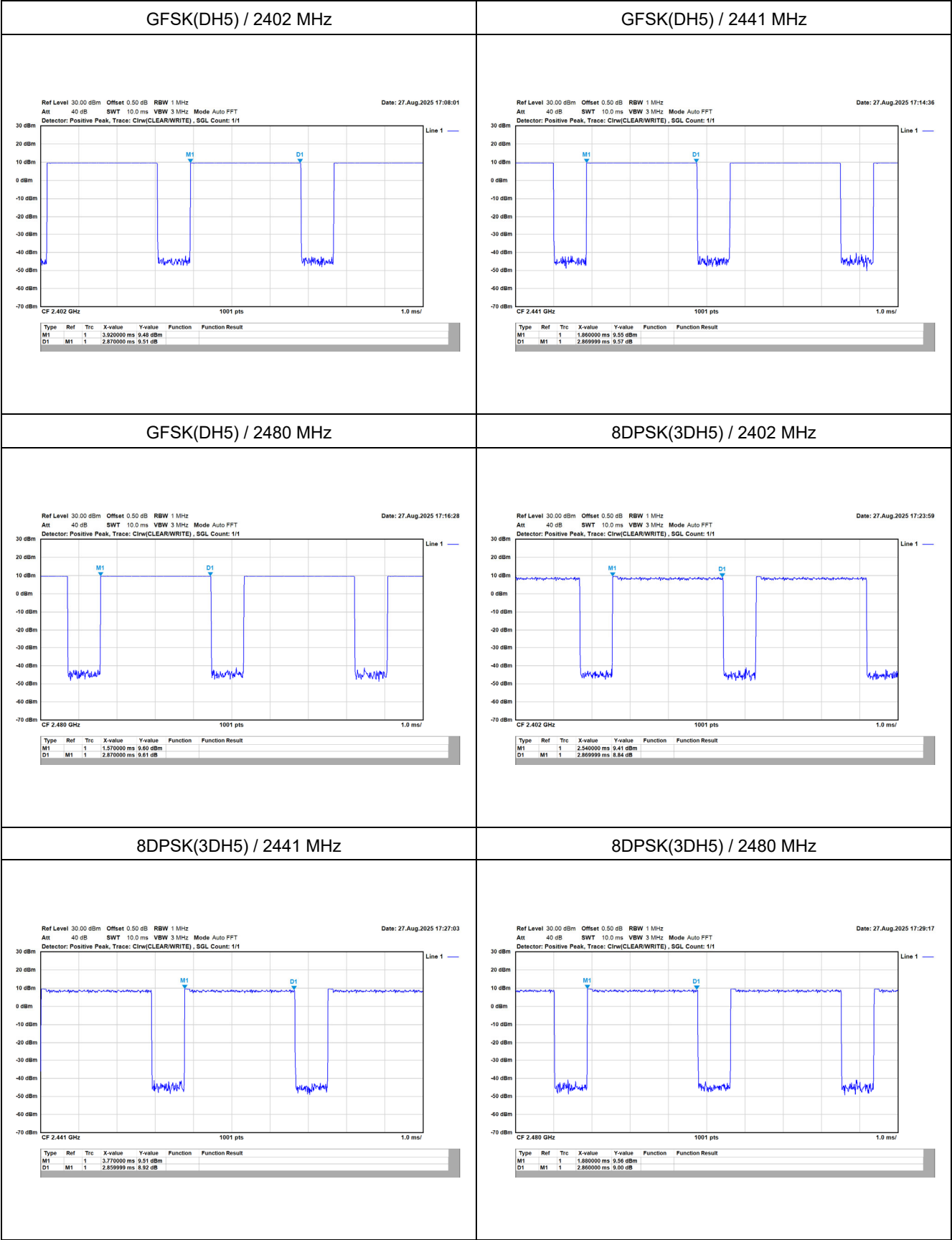
Appendix E. Test Result of Number of Hopping Frequency

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



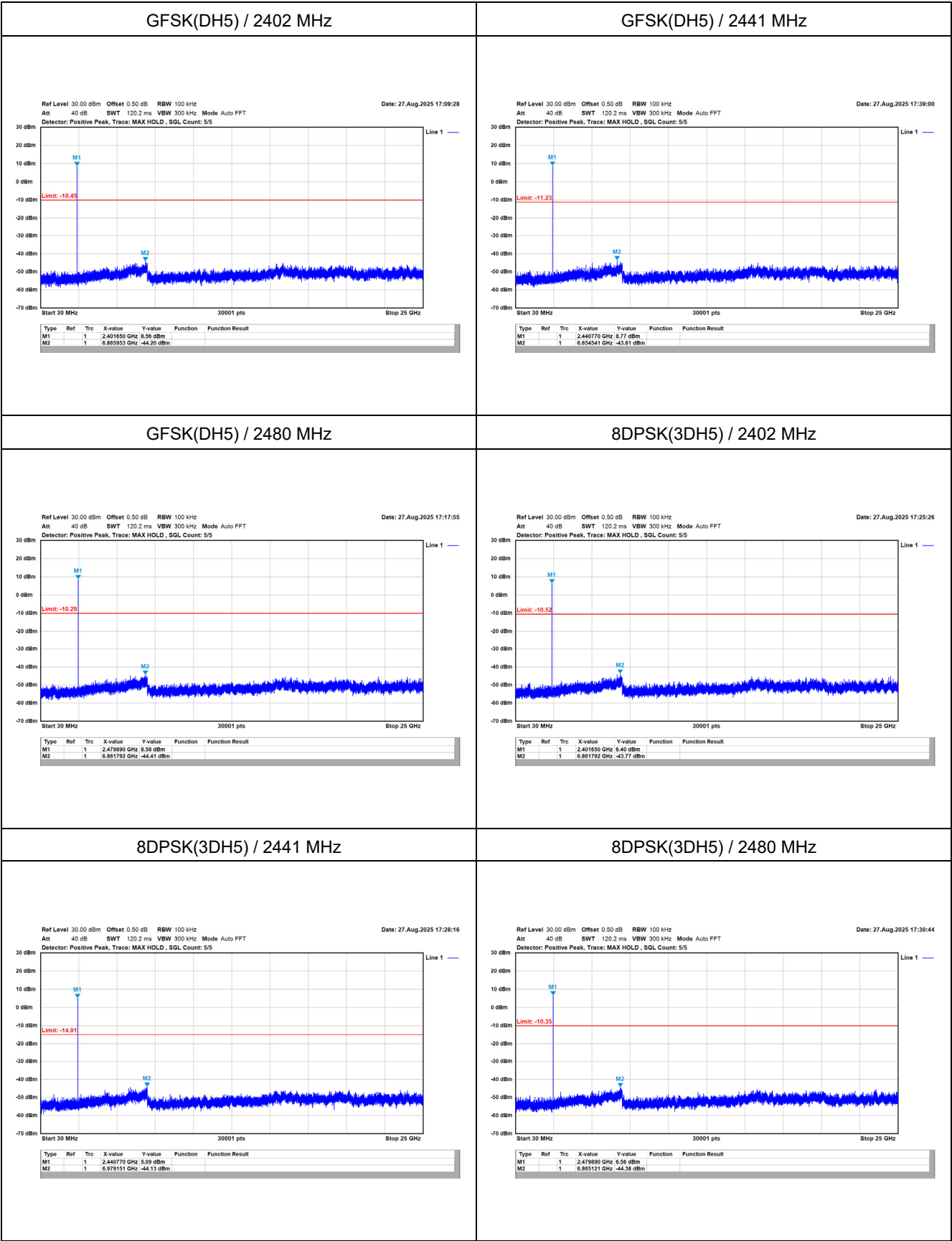
Appendix F. Test Result of Dwell Time

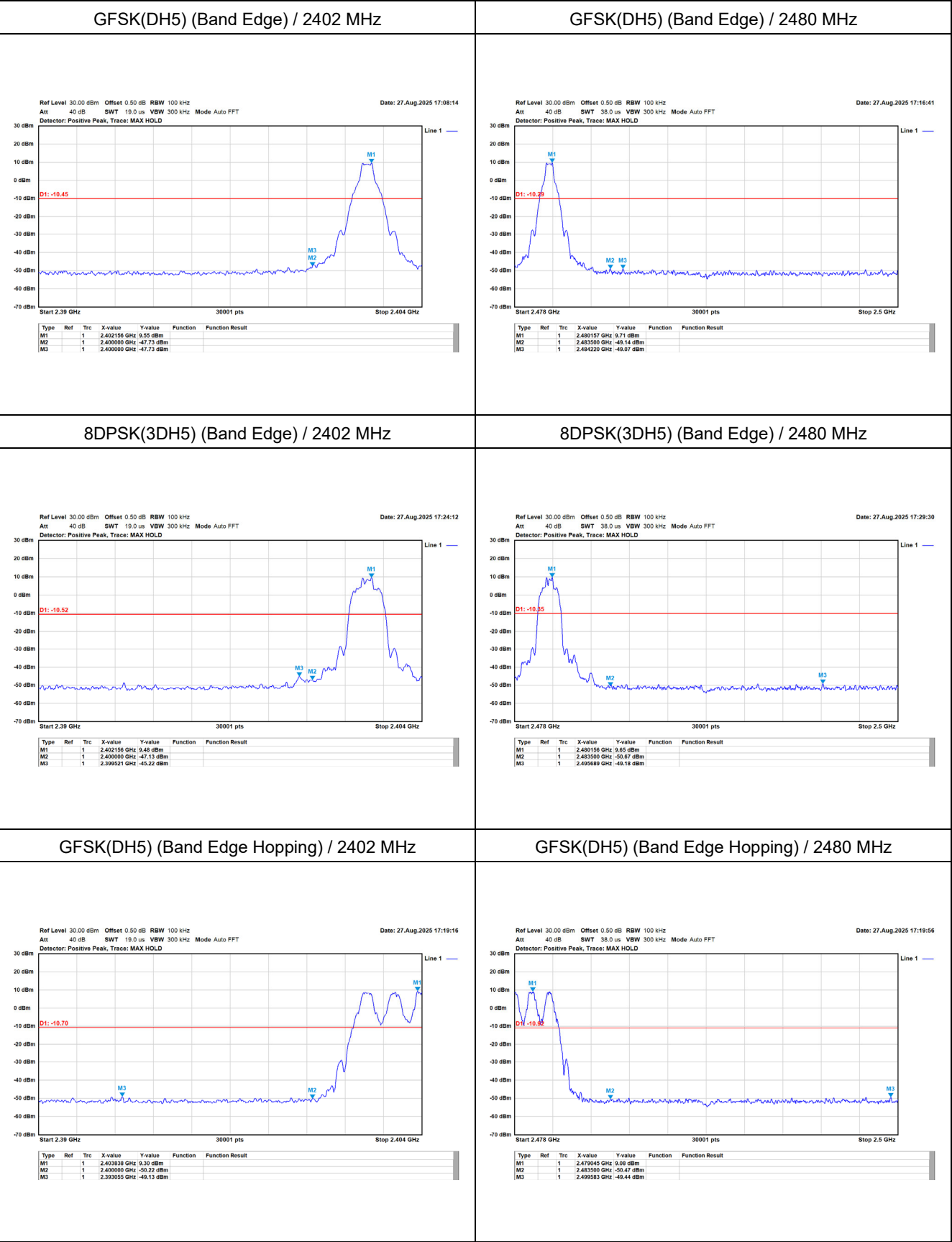
Modulation	Occupancy Time of Frequency Hopping System
GFSK	A) 2402 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.87 = 0.002870 sec
	Dwell Time : $0.002870 \times (266.67/79) \times 31.60 = 0.306$ sec °
	B) 2441 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :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 :2.86 = 0.002860 sec
	Dwell Time : $0.002860 \times (266.67/79) \times 31.60 = 0.305$ sec °
	C) 2480 MHz Test Time Period: $0.4 \times 79 = 31.60$ sec, Time slot length :2.86 = 0.002860 sec
	Dwell Time : $0.002860 \times (266.67/79) \times 31.60 = 0.305$ sec °
Test Result: The occupancy time of each highest, middle and lowest channel is less than 0.4 sec, and corresponds to the standard.	

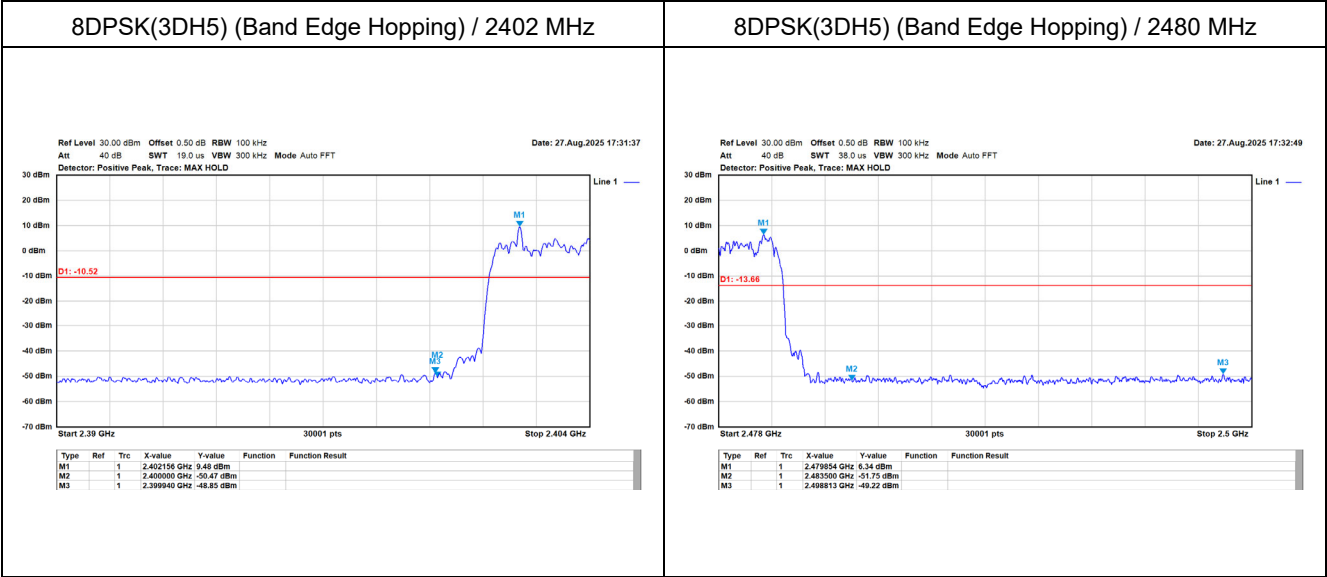


Appendix G. Test Result of Antenna Port Conducted Emission

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

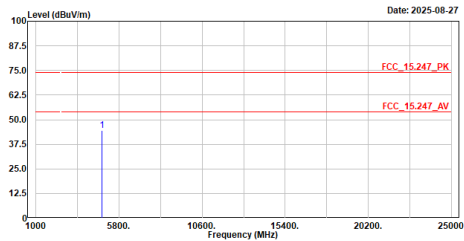






Appendix H. Test Result of Radiated Emission

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BT1M_2402MHz
Test BY :Ashton

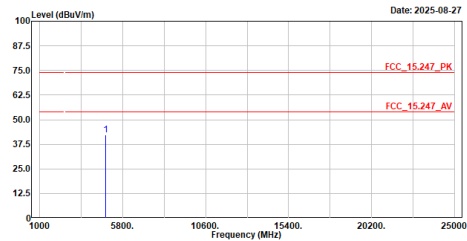


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	44.43	74.00	-29.57	59.38	-14.95	Peak

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 :Ashton

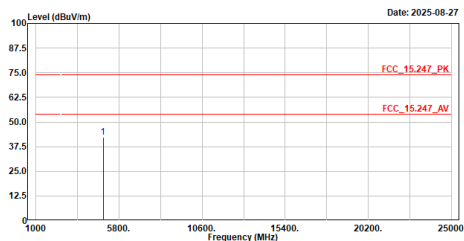


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	42.37	74.00	-31.63	57.32	-14.95	Peak

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 :Ashton

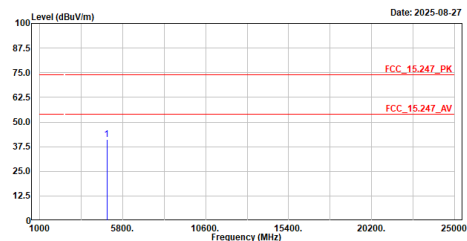


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4882.000	42.41	74.00	-31.59	56.98	-14.57	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BT1M_2441MHz
Test BY :Ashton

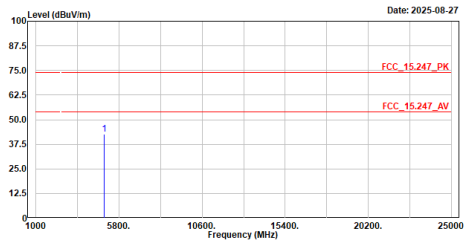


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4882.000	40.96	74.00	-33.04	55.53	-14.57	Peak

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-CB03
Condition :3m ,Horizontal
Mode :TX_BT3M_2480MHz
Test BY :Ashton

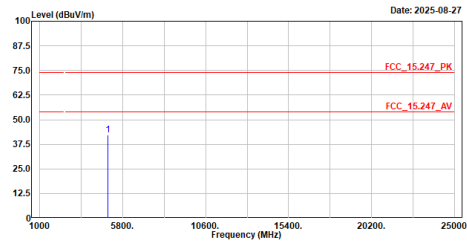


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	42.46	74.00	-31.54	56.68	-14.22	Peak

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_2480MHz
Test BY :Ashton

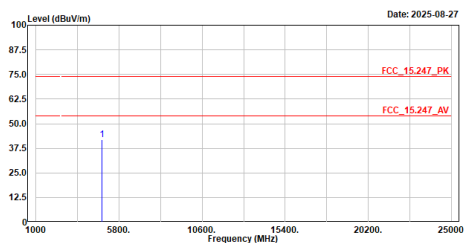


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	42.09	74.00	-31.91	56.31	-14.22	Peak

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_2482MHz
Test BY :Ashton

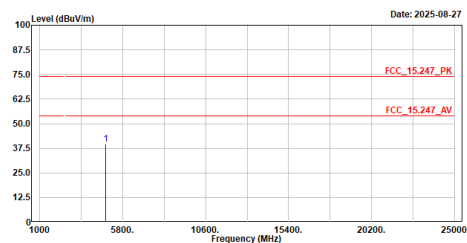


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	42.00	74.00	-32.00	56.95	-14.95	Peak

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 :Ashton

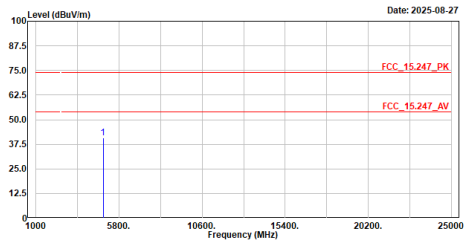


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	39.46	74.00	-34.54	54.41	-14.95	Peak

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 :Ashton

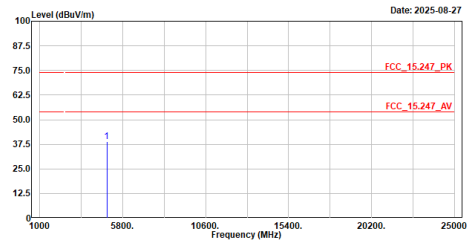


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4882.000	40.79	74.00	-33.21	55.36	-14.57	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BT3M_2441MHz
Test BY :Ashton

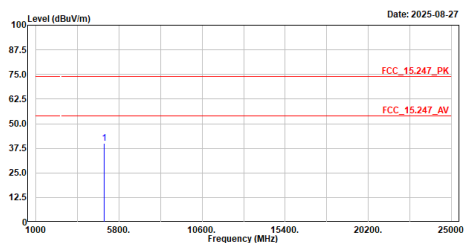


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4882.000	38.69	74.00	-35.31	53.26	-14.57	Peak

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-CB03
Condition :3m ,Horizontal
Mode :TX_BT3M_2480MHz
Test BY :Ashton

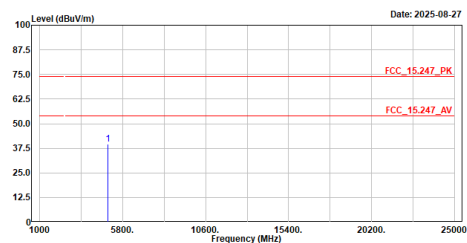


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4960.000	40.15	74.00	-33.85	54.37	-14.22	Peak

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_2480MHz
Test BY :Ashton

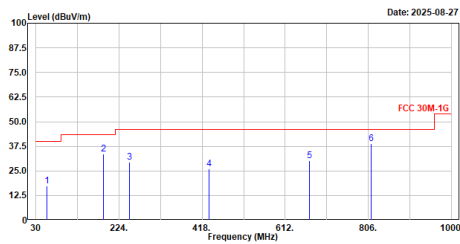


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4960.000	39.65	74.00	-34.35	53.87	-14.22	Peak

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 :Ashton

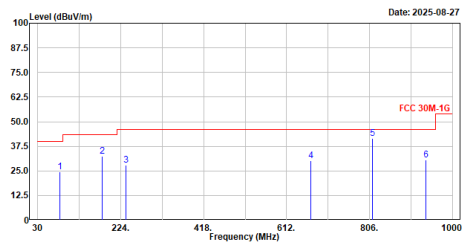


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	56.190	17.44	40.00	-22.56	41.29	-23.85	QP
2	188.110	33.61	43.50	-9.89	60.03	-26.42	QP
3	248.250	29.48	46.00	-16.52	54.39	-24.91	QP
4	433.520	25.99	46.00	-20.01	45.35	-19.36	QP
5	668.260	30.08	46.00	-15.92	44.91	-14.83	QP
6	812.790	39.04	46.00	-6.96	51.72	-12.68	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 :Ashton

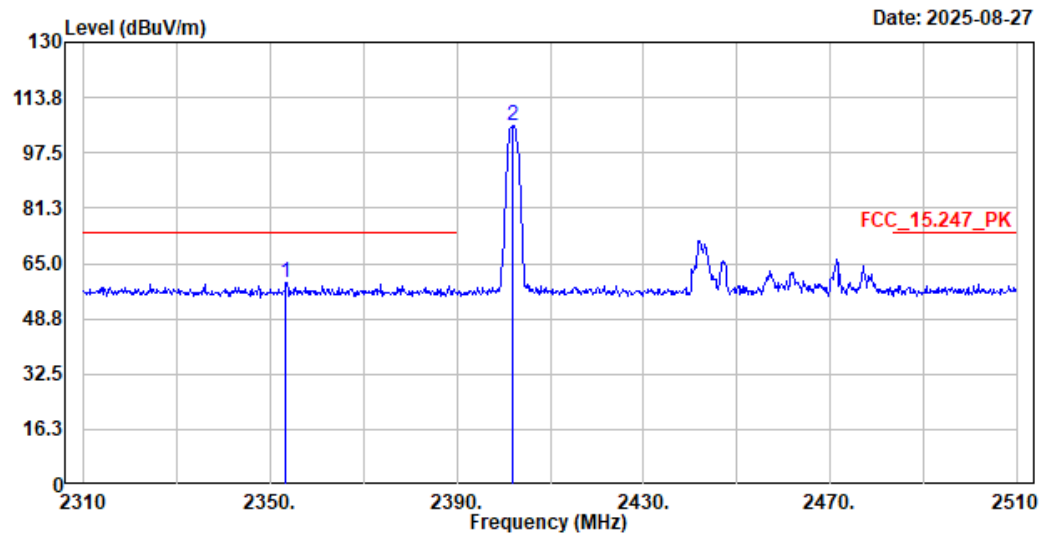


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	81.410	24.47	40.00	-15.53	53.88	-29.41	QP
2	180.350	32.60	43.50	-10.90	57.78	-25.18	QP
3	236.610	28.02	46.00	-17.98	53.35	-25.33	QP
4	668.260	30.37	46.00	-15.63	45.20	-14.83	QP
5	812.790	41.47	46.00	-4.53	54.15	-12.68	QP
6	937.920	30.67	46.00	-15.33	41.59	-10.92	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 :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2353.400	59.41	74.00	-14.59	28.99	30.42	Peak
2	2402.000	105.42	-----	-----	74.96	30.46	Peak

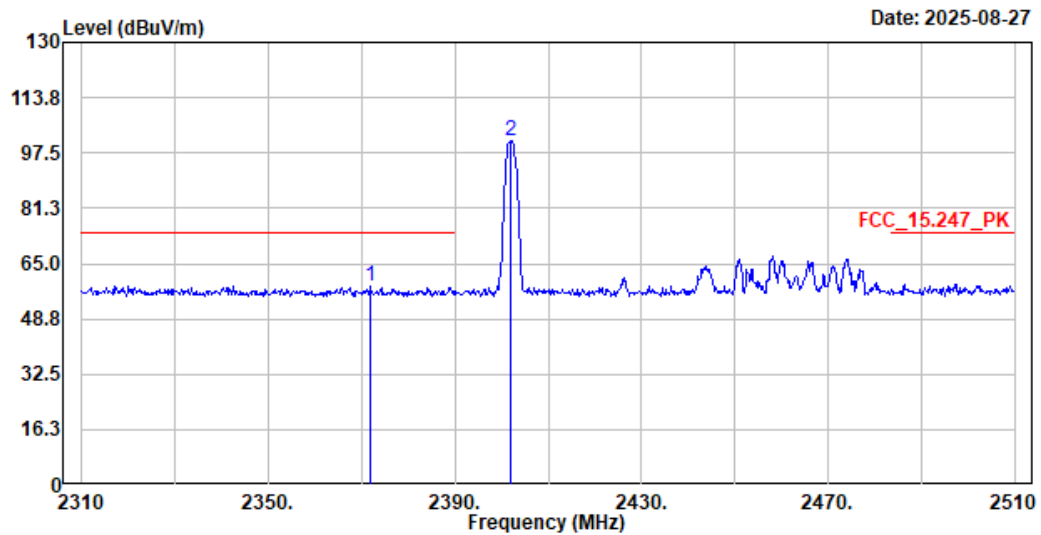
Note:

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)
2353.4	59.41	-30.755	28.655	-25.345	54.000
2402.0	105.42	-30.755	74.665	--	--

Site :HY-CB03
 Condition :3m ,Vertical
 Mode :TX_BT1M_2402MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBUV/m	Line	Limit	Level		
			dBUV/m	dB	dBUV	dB/m	
1	2371.800	58.30	74.00	-15.70	27.87	30.43	Peak
2	2402.000	101.00	-----	-----	70.54	30.46	Peak

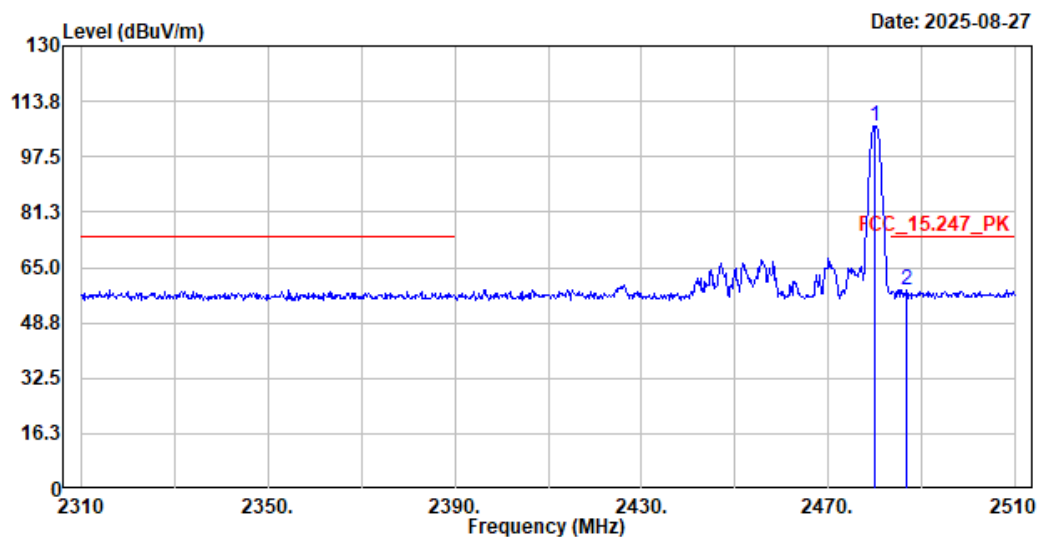
Note:

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 (dBUV/m)	Duty Cycle Factor (dB)	Measurement Level (dBUV/m)	Margin (dB)	Limit (dBUV/m)
2371.8	58.30	-30.755	27.545	-26.455	54.000
2402.0	101.00	-30.755	70.245	--	--

Site :HY-CB03
 Condition :3m ,Horizontal
 Mode :TX_BT1M_2480MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2480.000	106.39	-----	-----	76.00	30.39	Peak
2	2486.800	58.51	74.00	-15.49	28.04	30.47	Peak

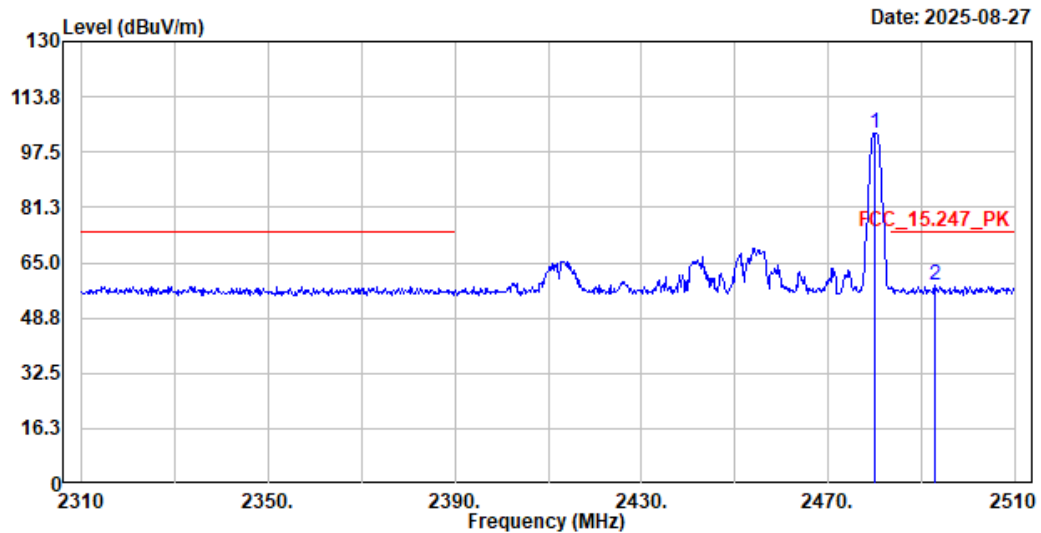
Note:

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)
2480.0	106.39	-30.755	75.635	--	--
2486.8	58.51	-30.755	27.755	-26.245	54.000

Site :HY-CB03
 Condition :3m ,Vertical
 Mode :TX_BT1M_2480MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2480.000	103.23	-----	-----	72.84	30.39	Peak
2	2492.800	58.27	74.00	-15.73	27.77	30.50	Peak

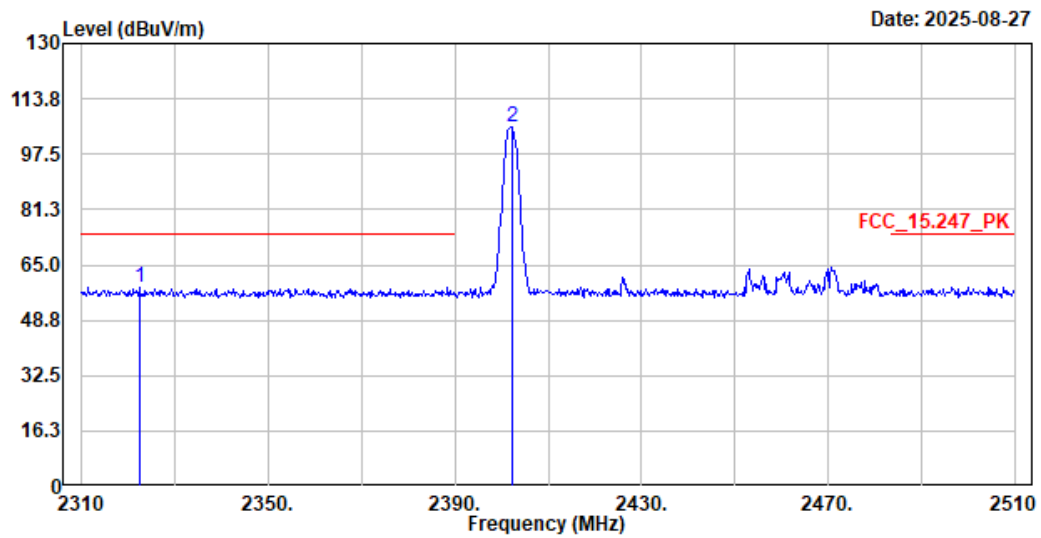
Note:

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)
2480.0	103.23	-30.755	72.475	--	--
2492.8	58.27	-30.755	27.515	-26.485	54.000

Site :HY-CB03
 Condition :3m ,Horizontal
 Mode :TX_BT3M_2402MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2322.400	58.52	74.00	-15.48	27.93	30.59	Peak
2	2402.200	105.37	-----	-----	74.91	30.46	Peak

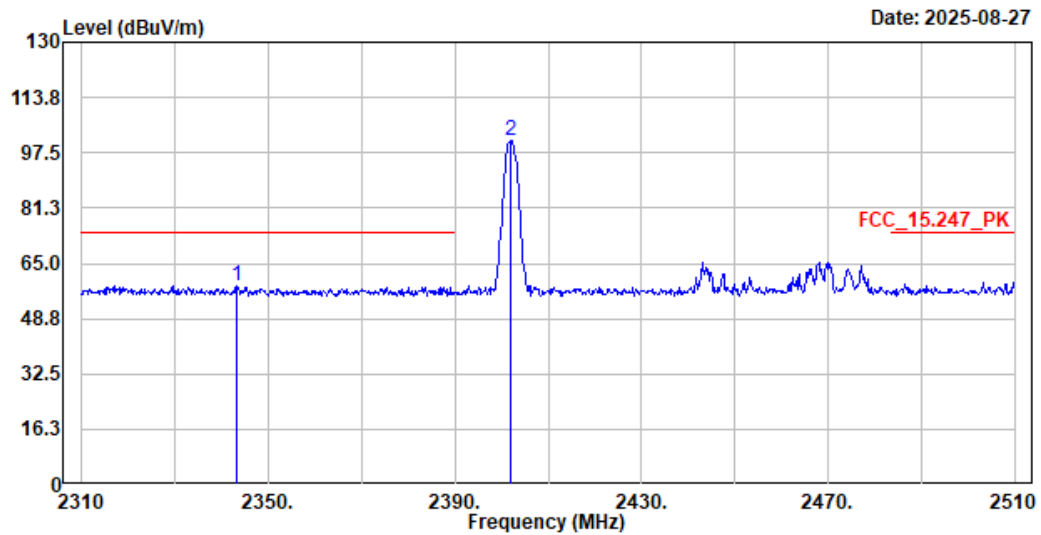
Note:

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 (dBuV/m)	Duty Cycle Factor (dB)	Measurement Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)
2322.4	58.52	-30.755	27.765	-26.235	54.000
2402.2	105.37	-30.755	74.615	--	--

Site :HY-CB03
 Condition :3m ,Vertical
 Mode :TX_BT3M_2402MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2343.200	58.46	74.00	-15.54	28.04	30.42	Peak
2	2402.000	100.92	-----	-----	70.46	30.46	Peak

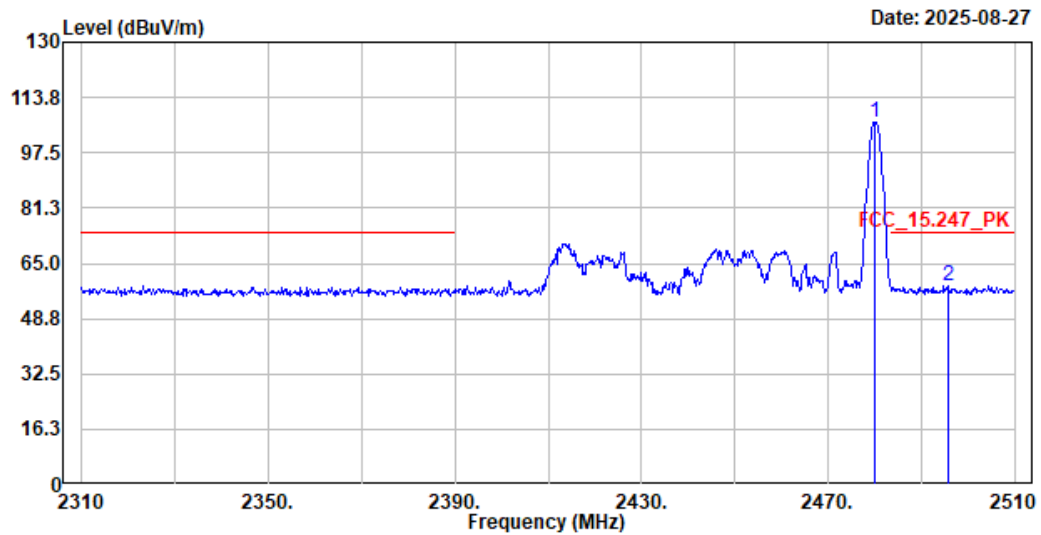
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamplifier 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 (dBuV/m)	Duty Cycle Factor (dB)	Measurement Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)
2343.2	58.46	-30.755	27.705	-26.295	54.000
2402.0	100.92	-30.755	70.165	--	--

Site :HY-CB03
 Condition :3m ,Horizontal
 Mode :TX_BT3M_2480MHz
 Test BY :Ashton



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.000	106.42	-----	-----	76.03	30.39	Peak
2	2495.600	58.40	74.00	-15.60	27.89	30.51	Peak

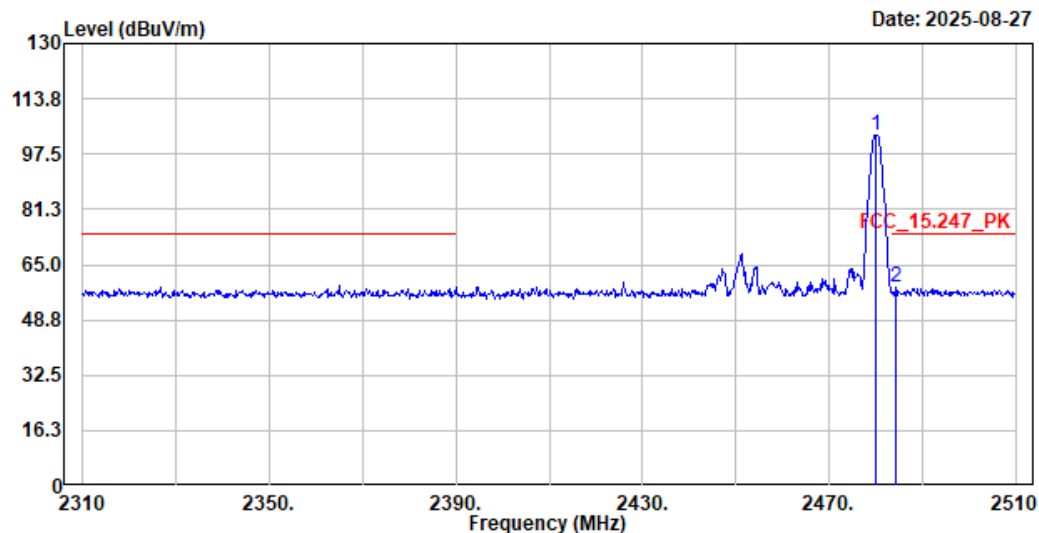
Note:

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Measurement Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)
2480.0	106.42	-30.755	75.665	--	--
2495.6	58.40	-30.755	27.645	-26.355	54.000

Site :HY-CB03
 Condition :3m ,Vertical
 Mode :TX_BT3M_2480MHz
 Test BY :Ashton



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.000	103.14	-----	-----	72.75	30.39	Peak
2	2484.400	58.27	74.00	-15.73	27.83	30.44	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 (dBuV/m)	Duty Cycle Factor (dB)	Measurement Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)
2480.0	103.14	-30.755	72.385	--	--
2484.4	58.27	-30.755	27.515	-26.485	54.000