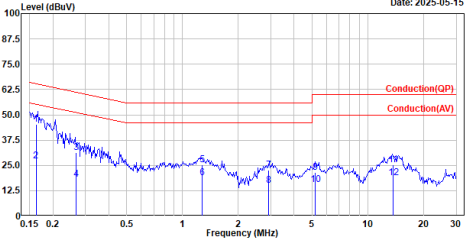
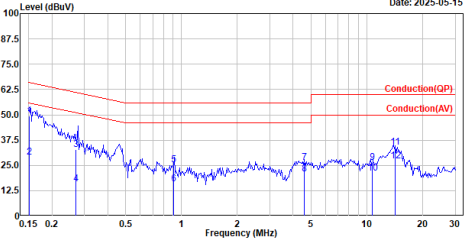


Appendix A. Test Result of AC Power Line Conducted Emission

TX_BLE2M_2440MHz_Line								TX_BLE2M_2440MHz_Neutral							
Site :HY-SR01 Condition :Line Mode :TX_BLE2M_2440MHz test by :Jimmy Date: 2025-05-15								Site :HY-SR01 Condition :Neutral Mode :TX_BLE2M_2440MHz test by :Jimmy Date: 2025-05-15							
															
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	0.162	45.17	65.34	-20.17	35.53	9.64	QP	1	0.151	49.55	65.96	-16.41	39.93	9.62	QP
2	0.162	27.09	55.34	-28.25	17.45	9.64	Average	2	0.151	29.13	55.96	-26.83	19.51	9.62	Average
3	0.268	31.25	61.18	-29.93	21.60	9.65	QP	3	0.270	32.96	61.11	-28.15	23.33	9.63	QP
4	0.268	18.15	51.18	-33.03	8.50	9.65	Average	4	0.270	15.94	51.11	-35.17	6.31	9.63	Average
5	1.274	25.47	56.00	-30.53	15.76	9.71	QP	5	0.911	25.29	56.00	-30.71	15.63	9.66	QP
6	1.274	18.78	46.00	-27.22	9.07	9.71	Average	6	0.911	15.84	46.00	-30.16	6.18	9.66	Average
7	2.923	22.60	56.00	-33.40	12.69	9.91	QP	7	4.593	26.43	56.00	-29.57	16.38	10.05	QP
8	2.923	15.04	46.00	-30.96	5.13	9.91	Average	8	4.593	20.88	46.00	-25.12	10.83	10.05	Average
9	5.216	21.48	60.00	-38.52	11.37	10.11	QP	9	10.724	26.60	60.00	-33.40	16.44	10.16	QP
10	5.216	15.53	50.00	-34.47	5.42	10.11	Average	10	10.724	21.18	50.00	-28.82	11.02	10.16	Average
11	13.642	25.37	60.00	-34.63	15.49	9.88	QP	11	14.200	33.87	60.00	-26.13	24.00	9.87	QP
12	13.642	18.94	50.00	-31.06	9.06	9.88	Average	12	14.200	27.21	50.00	-22.79	17.34	9.87	Average

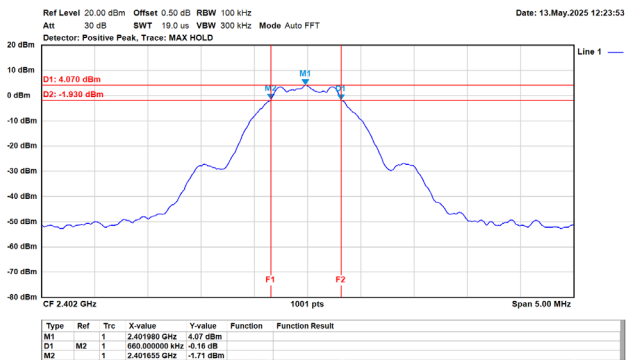
Note:
 1. Level = Read Level + Factor
 2. Factor = LISN insertion loss + Cable loss
 3. Over Limit = Level - Limit Line

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

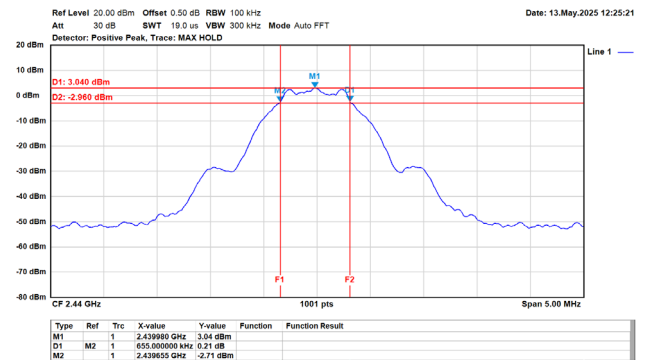
Appendix B. Test Result of 6dB Bandwidth

Modulation	Frequency (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	Result
		Ant. 1		
GFSK (1Mbps)	2402	0.66	0.50	Pass
	2440	0.66	0.50	Pass
	2480	0.66	0.50	Pass
GFSK (2Mbps)	2402	1.14	0.50	Pass
	2440	1.14	0.50	Pass
	2480	1.13	0.50	Pass

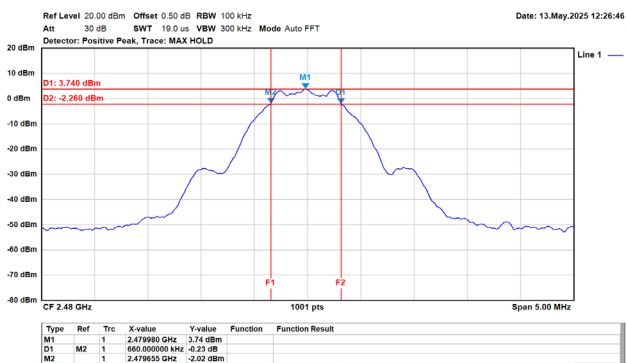
GFSK/1MHz/1M/2402MHz/Ch0/Ant.1



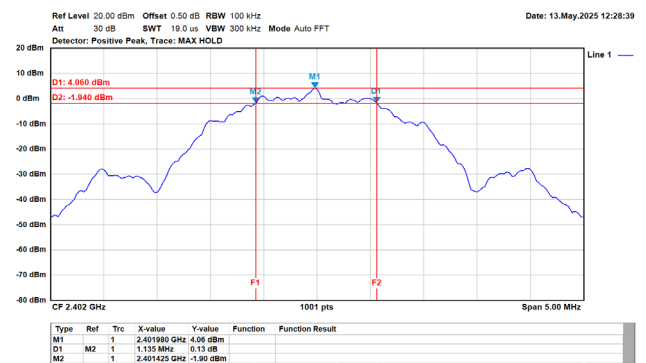
GFSK/1MHz/1M/2440MHz/Ch19/Ant.1



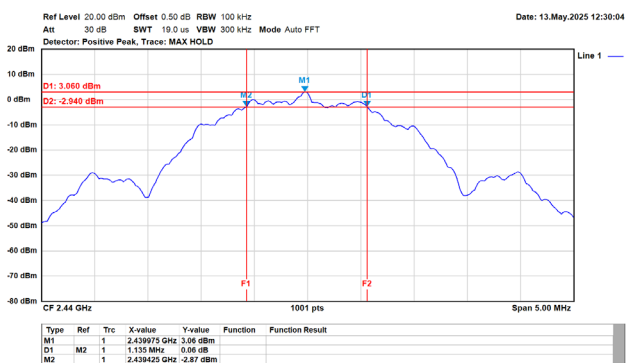
GFSK/1MHz/1M/2480MHz/Ch39/Ant.1



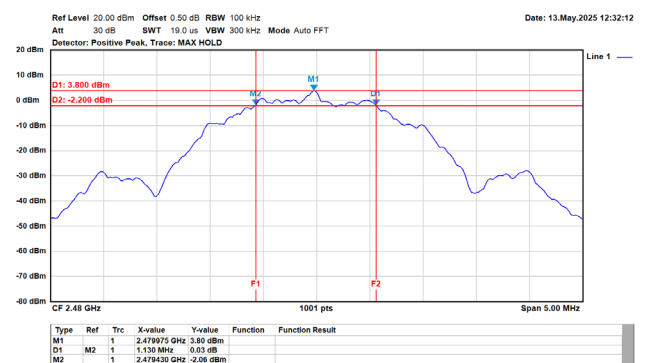
GFSK/2MHz/2M/2402MHz/Ch0/Ant.1



GFSK/2MHz/2M/2440MHz/Ch19/Ant.1



GFSK/2MHz/2M/2480MHz/Ch39/Ant.1

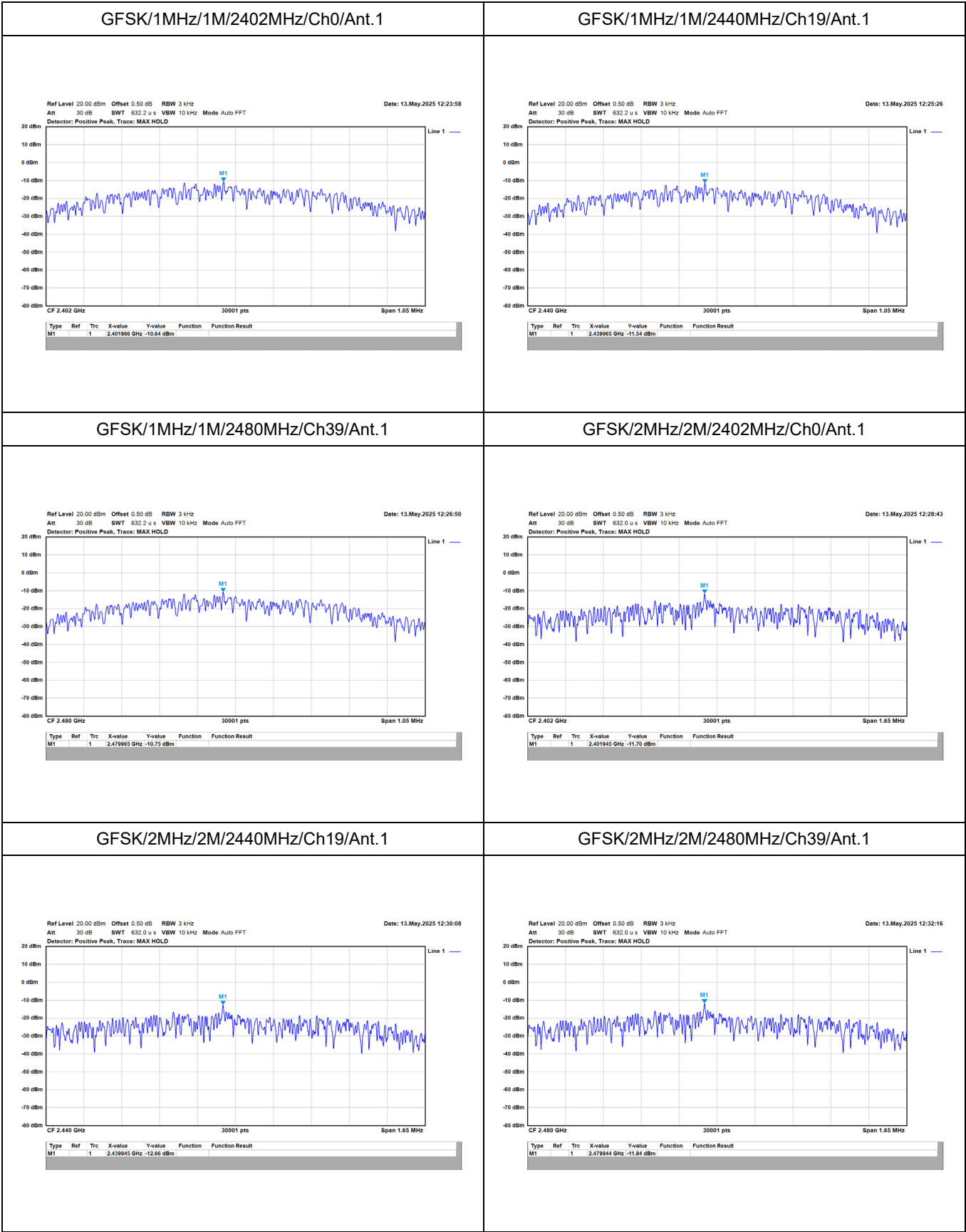


Appendix C. Test Result of Maximum Peak Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
GFSK (1Mbps)	2402	5.81	30.00	Pass
	2440	5.55	30.00	Pass
	2480	5.75	30.00	Pass
GFSK (2Mbps)	2402	5.90	30.00	Pass
	2440	5.68	30.00	Pass
	2480	5.91	30.00	Pass

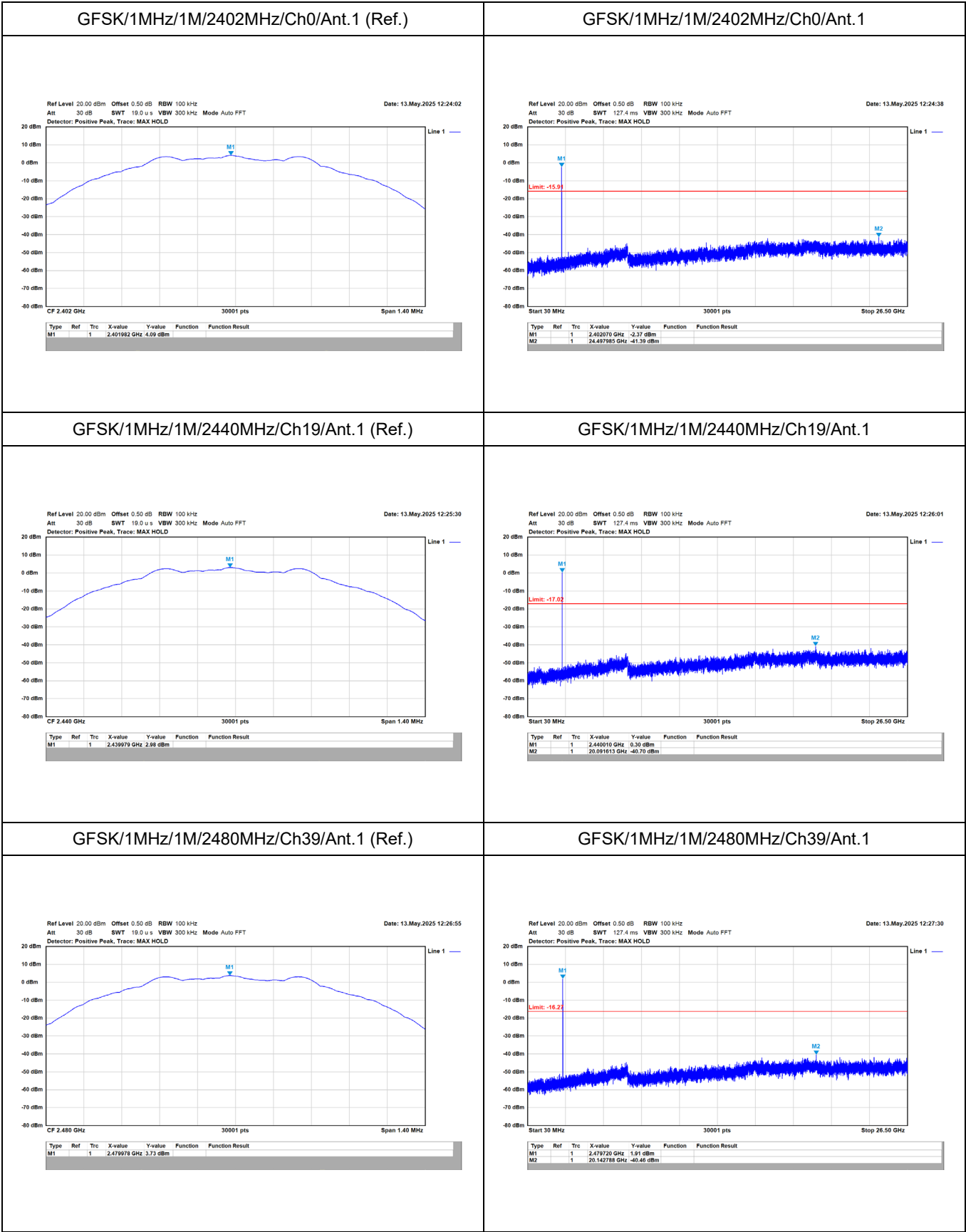
Appendix D. Test Result of Power Spectral Density

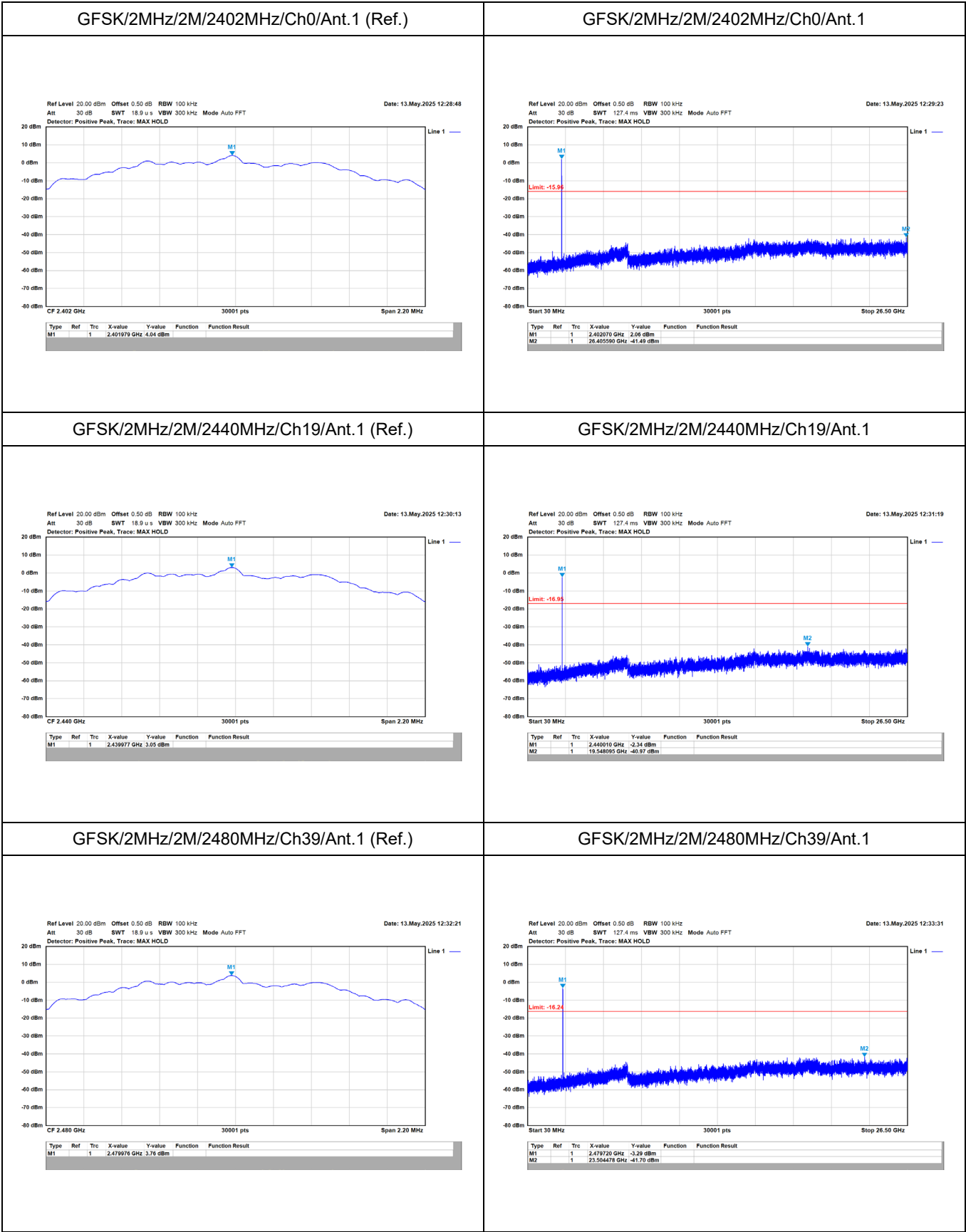
Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
		Ant. 1		
GFSK (1Mbps)	2402	-10.64	8.00	Pass
	2440	-11.54	8.00	Pass
	2480	-10.75	8.00	Pass
GFSK (2Mbps)	2402	-11.70	8.00	Pass
	2440	-12.66	8.00	Pass
	2480	-11.84	8.00	Pass



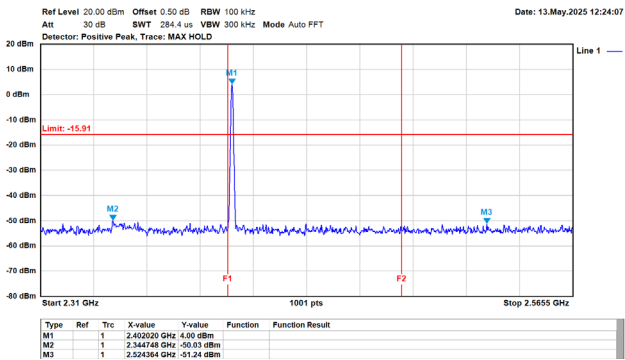
Appendix E. Test Result of Antenna Port Conducted Emission

Modulation	Measurement Level Δ (dB)	Result
GFSK (1 Mbps)	> 20	PASS
GFSK (2 Mbps)	> 20	PASS

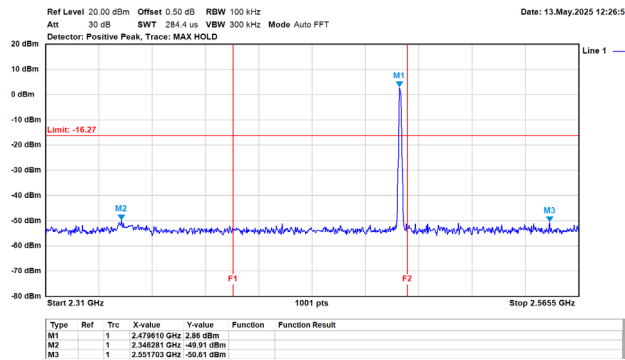




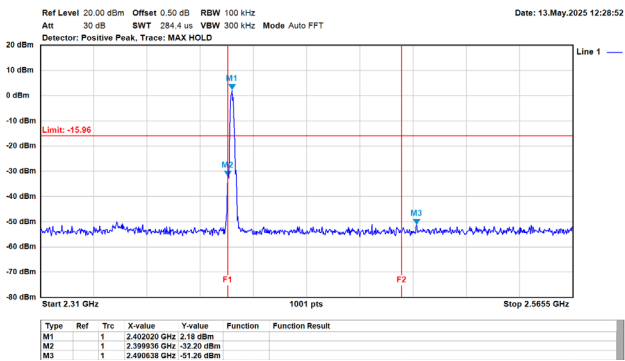
GFSK/1MHz/1M/2402MHz/Ch0/Ant.1(Band Edge)



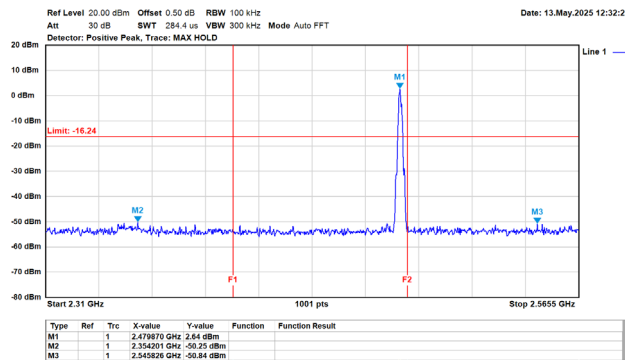
GFSK/1MHz/1M/2480MHz/Ch39/Ant.1(Band Edge)

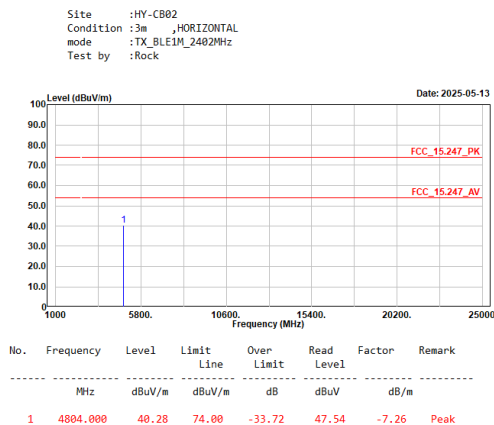


GFSK/2MHz/2M/2402MHz/Ch0/Ant.1(Band Edge)

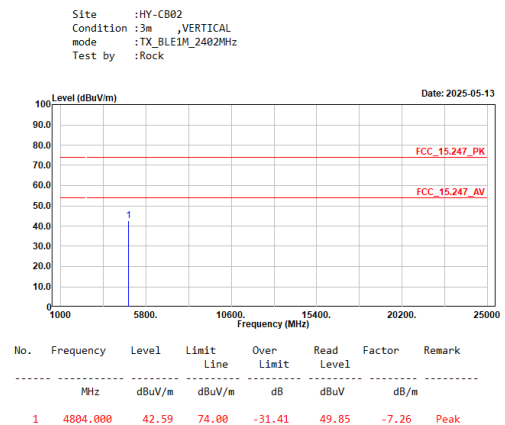


GFSK/2MHz/2M/2480MHz/Ch39/Ant.1(Band Edge)

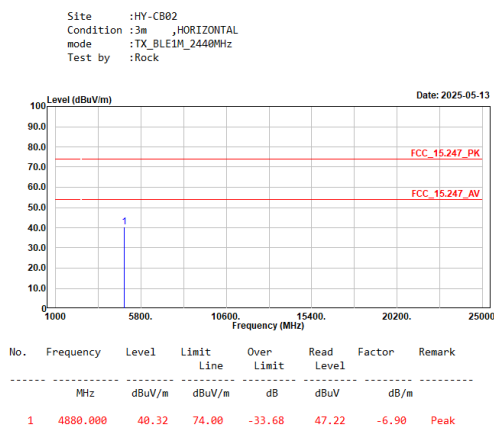


Appendix F. Test Result of Radiated Emission**TX_BLE1M_2402MHz_H**

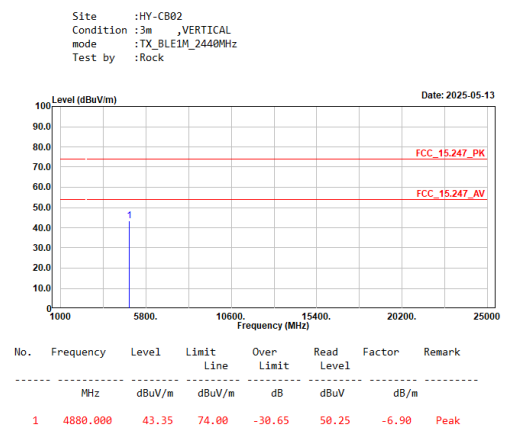
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2402MHz_V

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.

TX_BLE1M_2440MHz_H

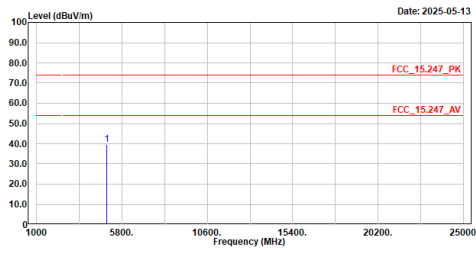
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2440MHz_V

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.

TX_BLE1M_2480MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2480MHz
Test by :Rock

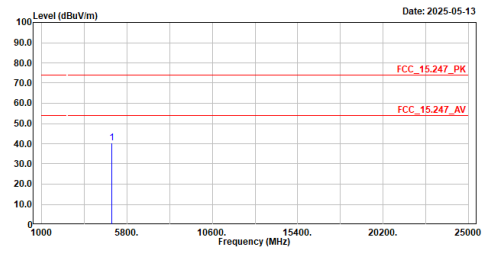


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.800	39.57	74.00	-34.43	46.18	-6.61	Peak

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.

TX_BLE1M_2480MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2480MHz
Test by :Rock

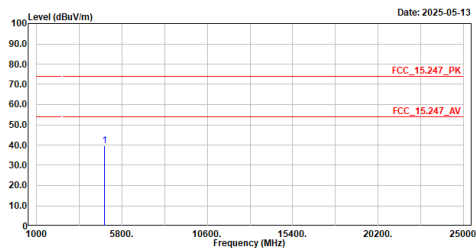


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.800	40.54	74.00	-33.46	47.15	-6.61	Peak

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.

TX_BLE2M_2402MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2402MHz
Test by :Rock

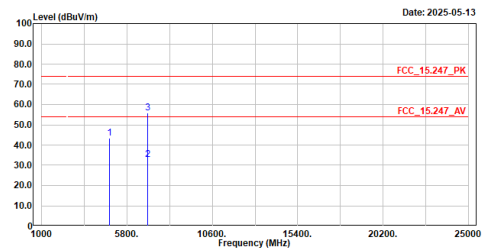


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	39.71	74.00	-34.29	46.97	-7.26	Peak

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.

TX_BLE2M_2402MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2402MHz
Test by :Rock

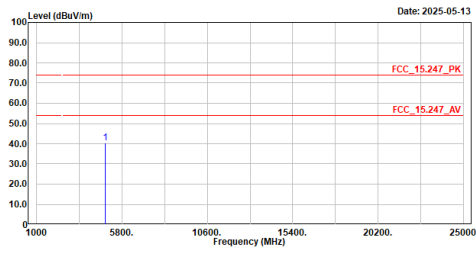


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	43.36	74.00	-30.64	50.62	-7.26	Peak
2	6968.700	32.89	54.00	-21.11	34.27	-1.38	Average
3	6968.700	56.01	74.00	-17.99	57.39	-1.38	Peak

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.

TX_BLE2M_2440MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2440MHz
Test by :Rock



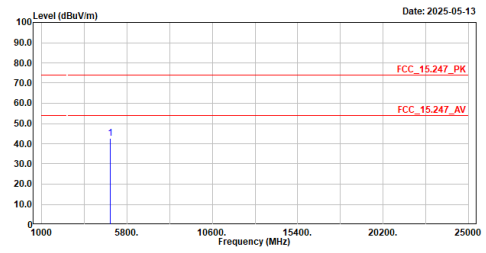
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4880.000	40.46	74.00	-33.54	47.36	-6.90	Peak

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.

TX_BLE2M_2440MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2440MHz
Test by :Rock



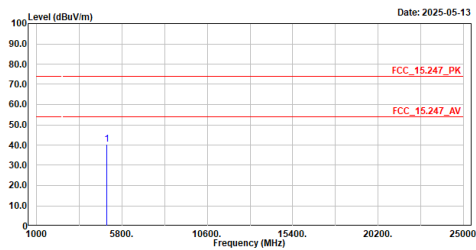
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4880.000	42.67	74.00	-31.33	49.57	-6.90	Peak

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.

TX_BLE2M_2480MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2480MHz
Test by :Rock



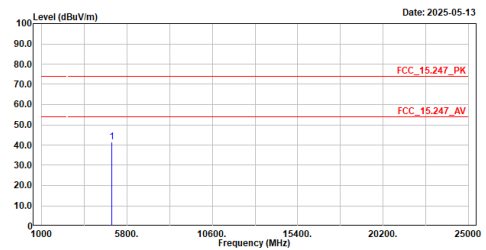
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4960.000	40.28	74.00	-33.72	46.89	-6.61	Peak

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.

TX_BLE2M_2480MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2480MHz
Test by :Rock



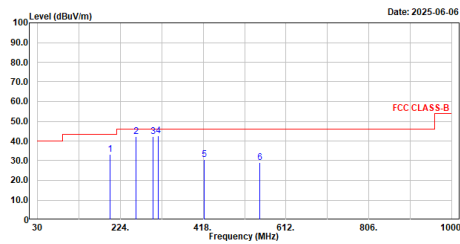
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	4960.000	41.44	74.00	-32.56	48.05	-6.61	Peak

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.

TX_BLE2M_2440MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2440MHz
Test by :Rock

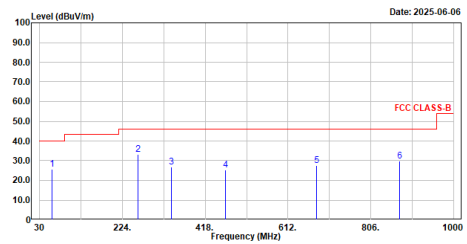


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	200.332	33.27	43.50	-10.23	60.69	-27.42	QP
2	260.278	42.09	46.00	-3.91	67.35	-25.26	QP
3	300.048	42.39	46.00	-3.61	66.12	-23.73	QP
4	311.979	42.48	46.00	-3.52	65.78	-23.30	QP
5	420.328	30.57	46.00	-15.43	51.15	-20.58	QP
6	550.308	29.13	46.00	-16.87	46.99	-17.06	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.

TX_BLE2M_2440MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2440MHz
Test by :Rock

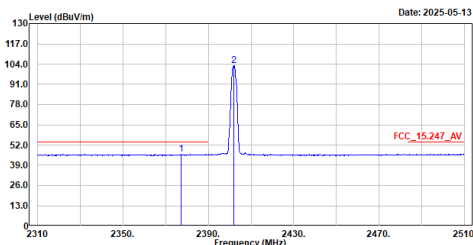


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	59.973	25.80	40.00	-14.20	50.68	-24.88	QP
2	260.472	33.36	46.00	-12.64	50.60	-25.24	QP
3	338.654	26.74	46.00	-19.26	49.34	-22.60	QP
4	464.754	25.40	46.00	-20.60	44.55	-19.15	QP
5	678.833	27.40	46.00	-18.60	42.65	-15.25	QP
6	873.609	29.80	46.00	-16.20	42.62	-12.82	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.

TX_BLE1M_2402MHz_H Average

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2402MHz
Test by :Rock

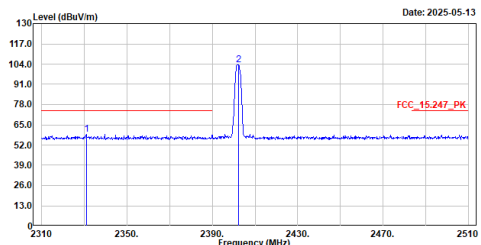


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2377.200	46.12	54.00	-7.88	15.79	30.33	Average
2	2402.000	103.03	-----	-----	72.75	30.28	Average

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.

TX_BLE1M_2402MHz_H Peak

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2402MHz
Test by :Rock

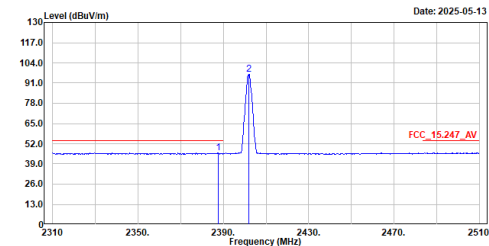


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2331.000	58.67	74.00	-15.33	28.26	30.41	Peak
2	2402.200	103.53	-----	-----	73.25	30.28	Peak

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.

TX_BLE1M_2402MHz_V_Average

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE1M_2402MHz
Test by :Rock

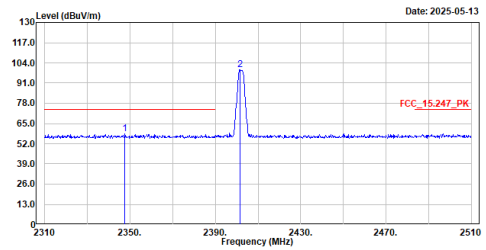


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2387.600	46.16	54.00	-7.84	15.79	30.37	Average
2	2402.000	96.70	-----	-----	66.42	30.28	Average

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.

TX_BLE1M_2402MHz_V_Peak

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE1M_2402MHz
Test by :Rock

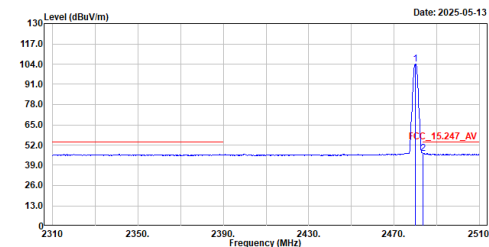


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2347.600	58.16	74.00	-15.84	27.83	30.33	Peak
2	2401.600	99.43	-----	-----	69.15	30.28	Peak

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.

TX_BLE1M_2480MHz_H_Average

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2480MHz
Test by :Rock

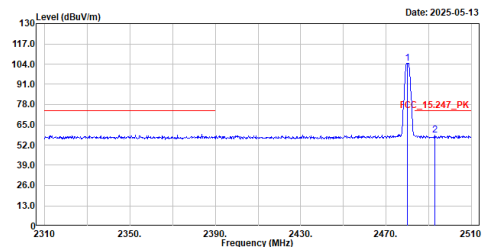


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2480.000	104.12	-----	-----	73.86	30.26	Average
2	2483.600	46.66	54.00	-7.34	16.36	30.30	Average

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.

TX_BLE1M_2480MHz_H_Peak

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2480MHz
Test by :Rock

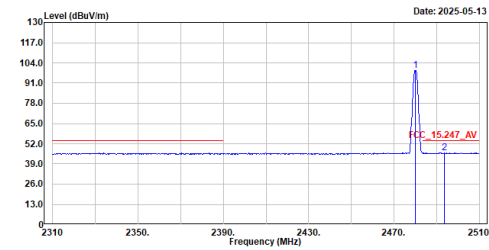


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2480.000	104.60	-----	-----	74.34	30.26	Peak
2	2493.000	58.49	74.00	-15.51	28.12	30.37	Peak

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.

TX_BLE1M_2480MHz_V_Average

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE1M_2480MHz
Test by :Rock

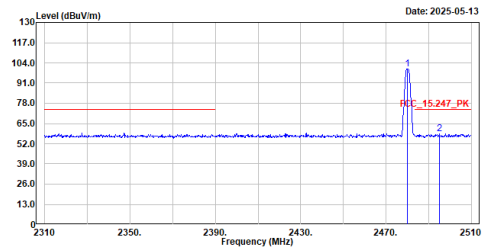


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	99.33	-----	-----	69.07	30.26	Average
2	2493.600	46.06	54.00	-7.94	15.69	30.37	Average

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.

TX_BLE1M_2480MHz_V_Peak

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE1M_2480MHz
Test by :Rock

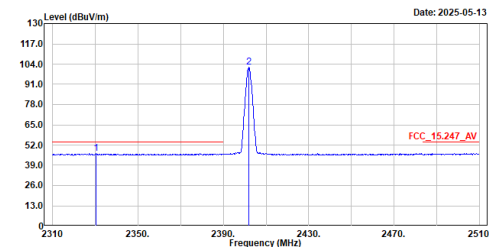


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	99.91	-----	-----	69.65	30.26	Peak
2	2495.000	58.52	74.00	-15.48	28.15	30.37	Peak

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.

TX_BLE2M_2402MHz_H_Average

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE2M_2402MHz
Test by :Rock

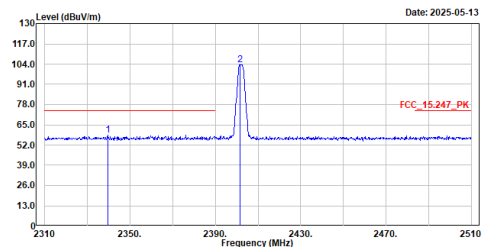


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2330.400	46.76	54.00	-7.24	16.34	30.42	Average
2	2402.000	101.87	-----	-----	71.59	30.28	Average

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.

TX_BLE2M_2402MHz_H_Peak

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE2M_2402MHz
Test by :Rock

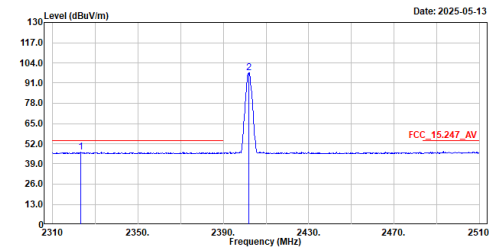


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2339.800	58.55	74.00	-15.45	28.22	30.33	Peak
2	2401.600	103.46	-----	-----	73.18	30.28	Peak

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.

TX_BLE2M_2402MHz_V_Average

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE2M_2402MHz
Test by :Rock

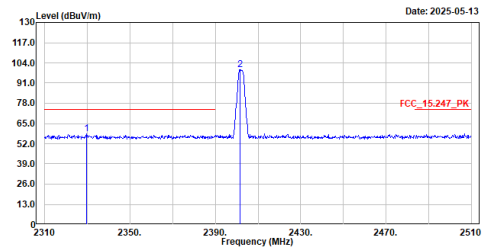


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2323.200	46.55	54.00	-7.45	16.21	30.34	Average
2	2402.000	97.81	-----	-----	67.53	30.28	Average

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.

TX_BLE2M_2402MHz_V_Peak

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE2M_2402MHz
Test by :Rock

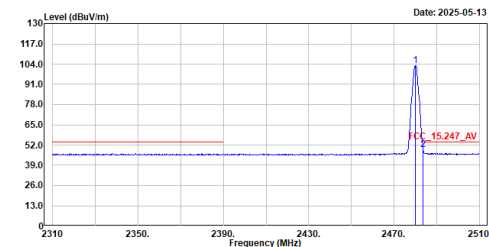


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2329.600	58.50	74.00	-15.50	28.08	30.42	Peak
2	2401.600	99.43	-----	-----	69.15	30.28	Peak

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.

TX_BLE2M_2480MHz_H_Average

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE2M_2480MHz
Test by :Rock

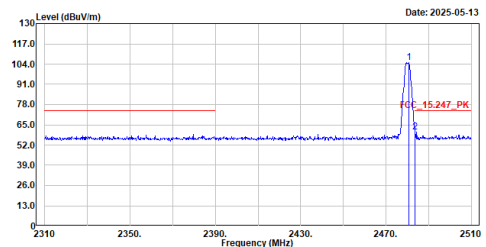


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	103.09	-----	-----	72.83	30.26	Average
2	2483.600	49.12	54.00	-4.88	18.82	30.30	Average

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.

TX_BLE2M_2480MHz_H_Peak

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE2M_2480MHz
Test by :Rock



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.600	104.76	-----	-----	74.49	30.27	Peak
2	2483.600	60.48	74.00	-13.52	30.18	30.30	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.

