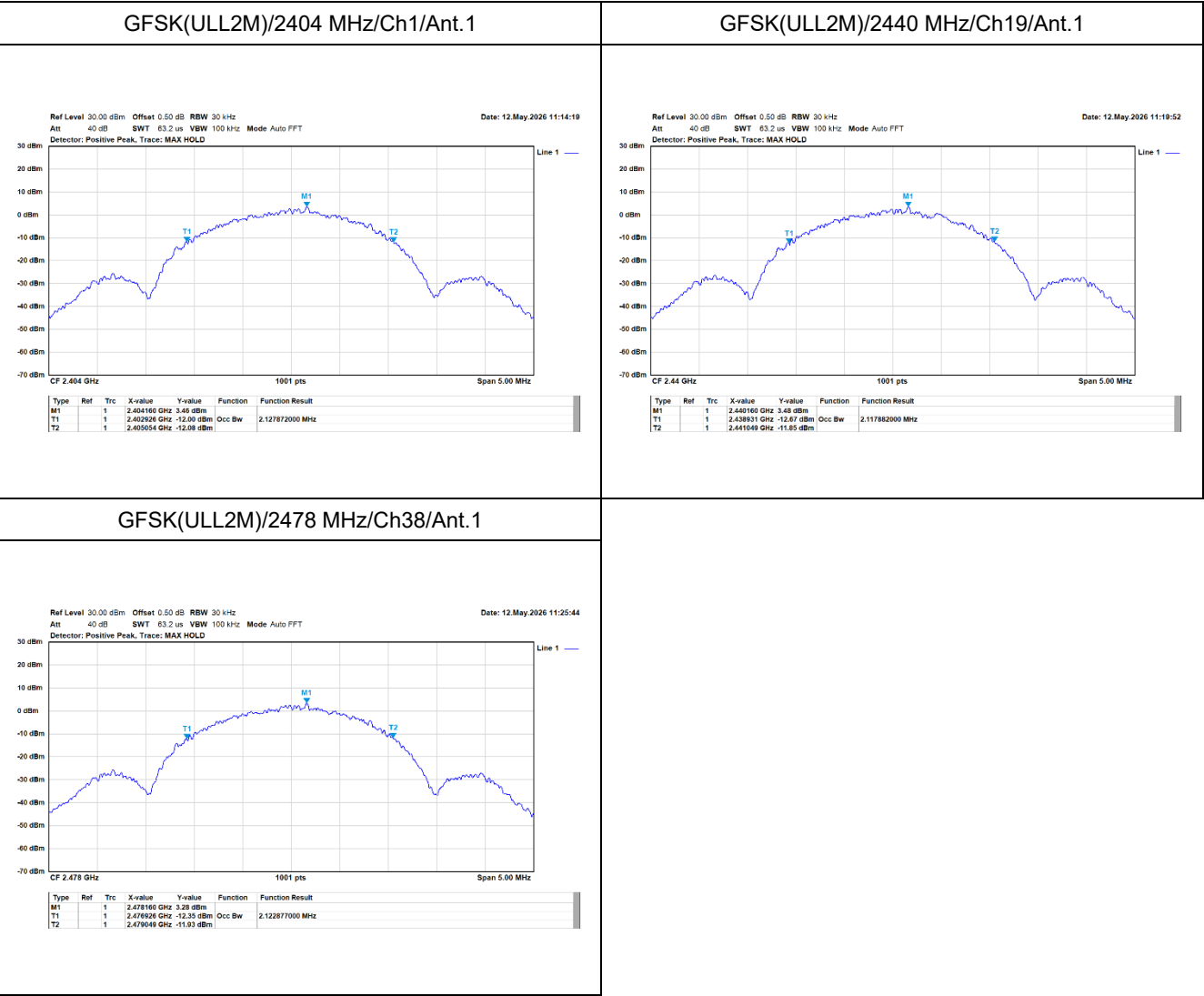


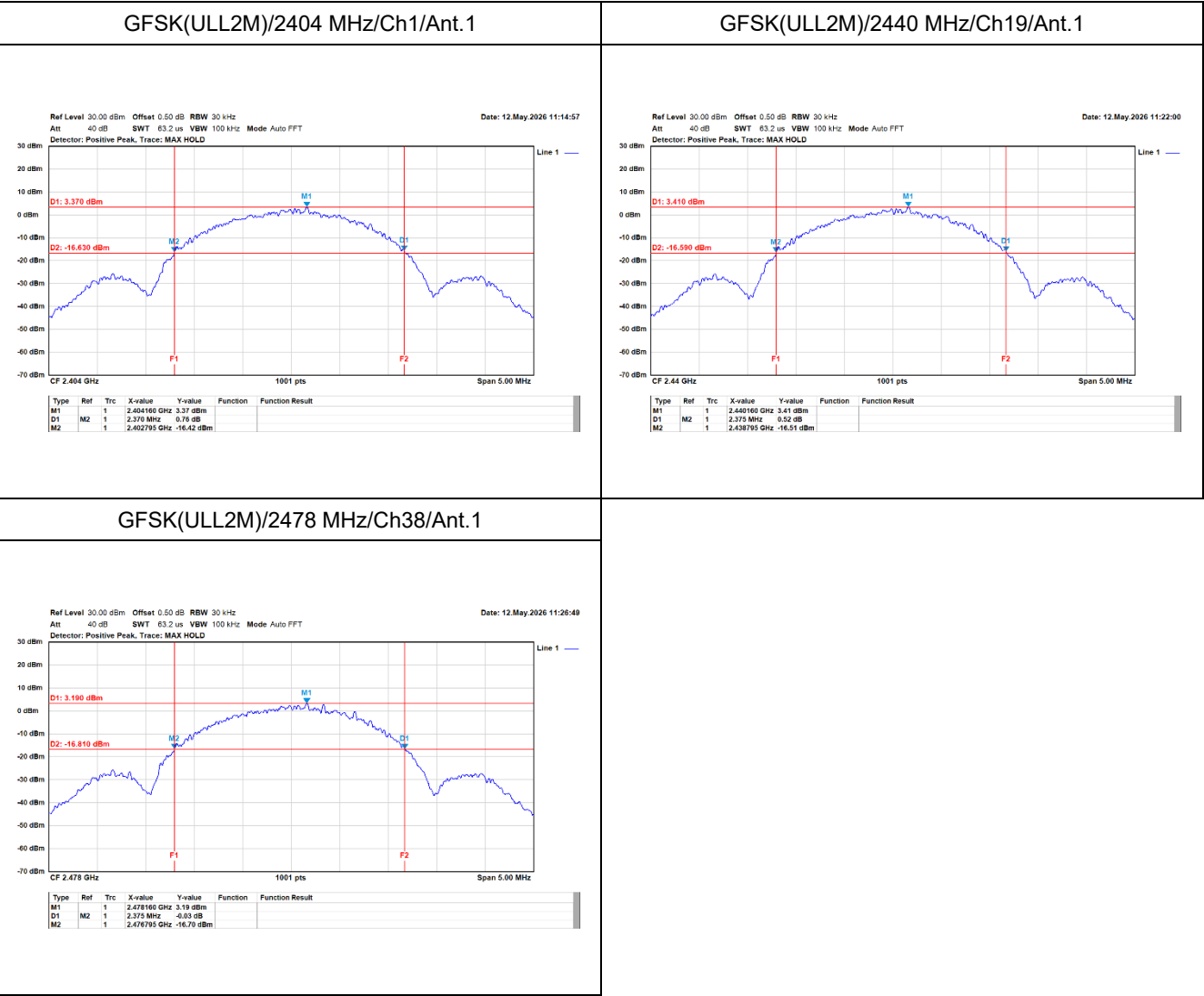
Appendix B. Test Result of Occupied Bandwidth & 20dB Bandwidth

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	20dB Bandwidth
GFSK(ULL2M)	2404	2.13	2.37	-	-
	2440	2.12	2.38	-	-
	2478	2.12	2.38	-	-

For 99% Occupied Bandwidth:



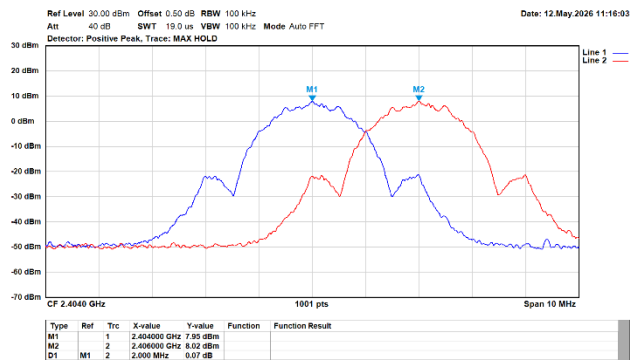
For 20dB Bandwidth:



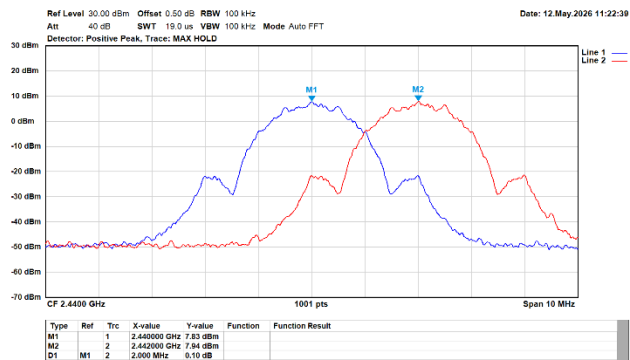
Appendix C. Test Result of Carrier Frequency Separation

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK (ULL2M)	2404	2.00	1.580	Pass
	2440	2.00	1.583	Pass
	2478	2.00	1.583	Pass

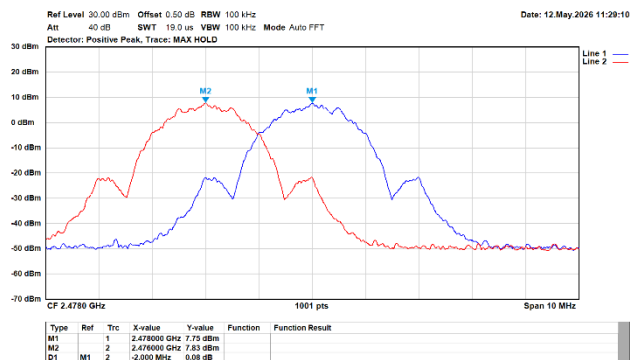
GFSK(ULL2M) / 2404 MHz



GFSK(ULL2M) / 2440 MHz



GFSK(ULL2M) / 2478 MHz



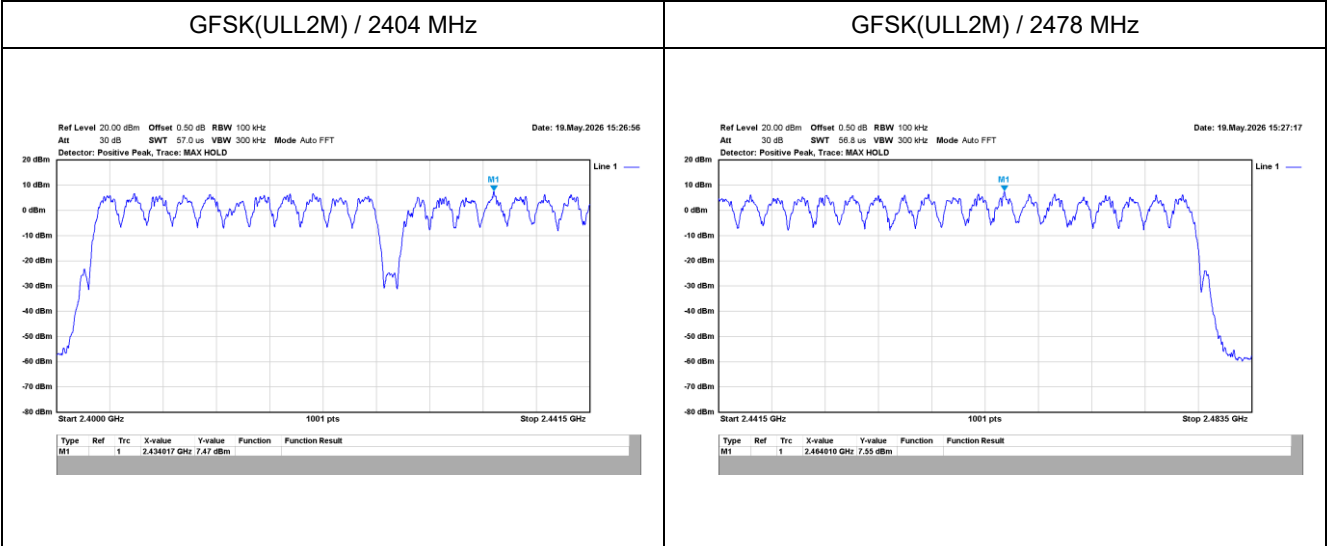
Appendix D. Test Result of Maximum Peak Conducted Output Power

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK (ULL2M)	2404	10.10	21.00	Pass
	2440	10.06	21.00	Pass
	2478	10.08	21.00	Pass

Appendix E. Test Result of Number of Hopping Frequency

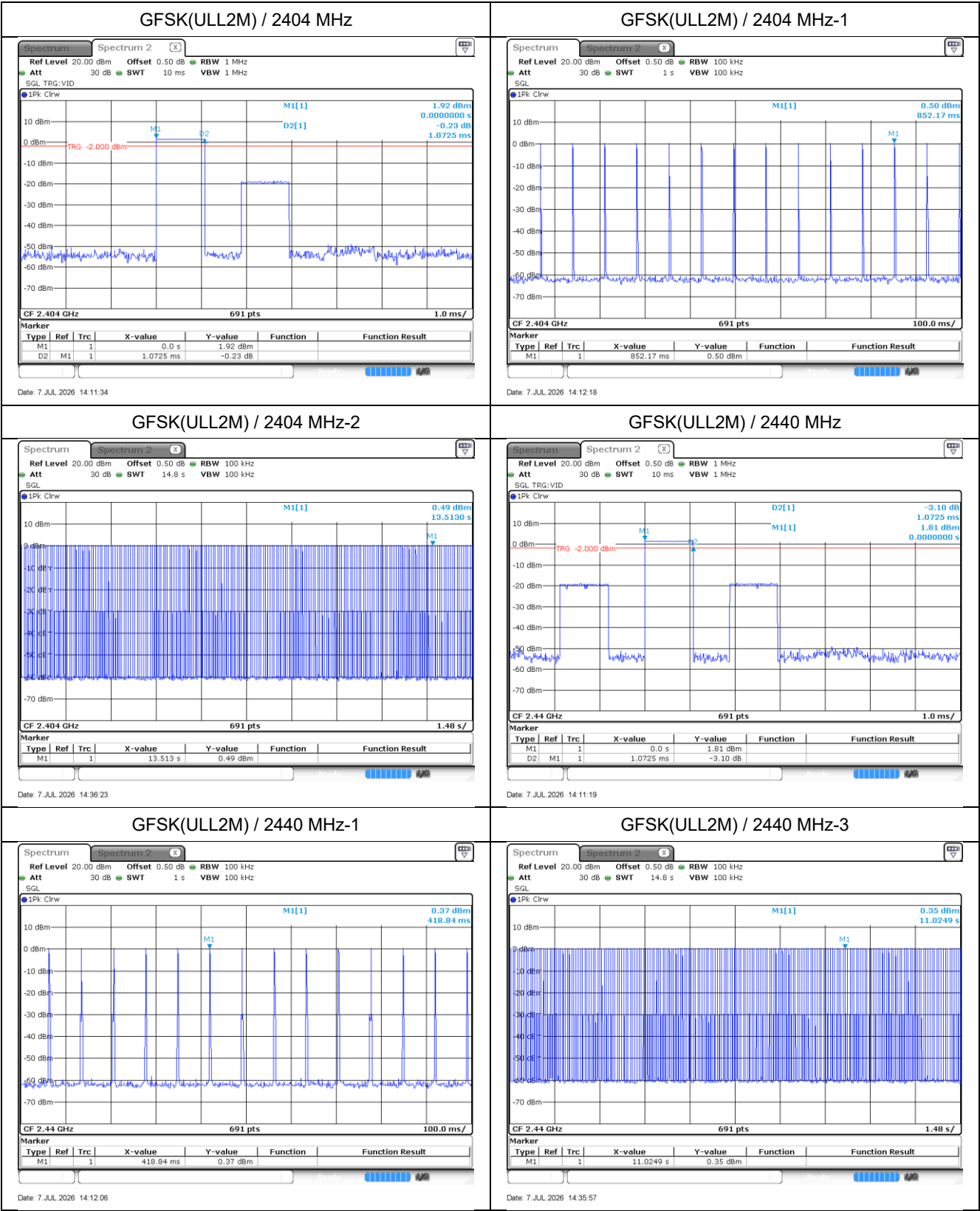
GFSK (ULL2M)

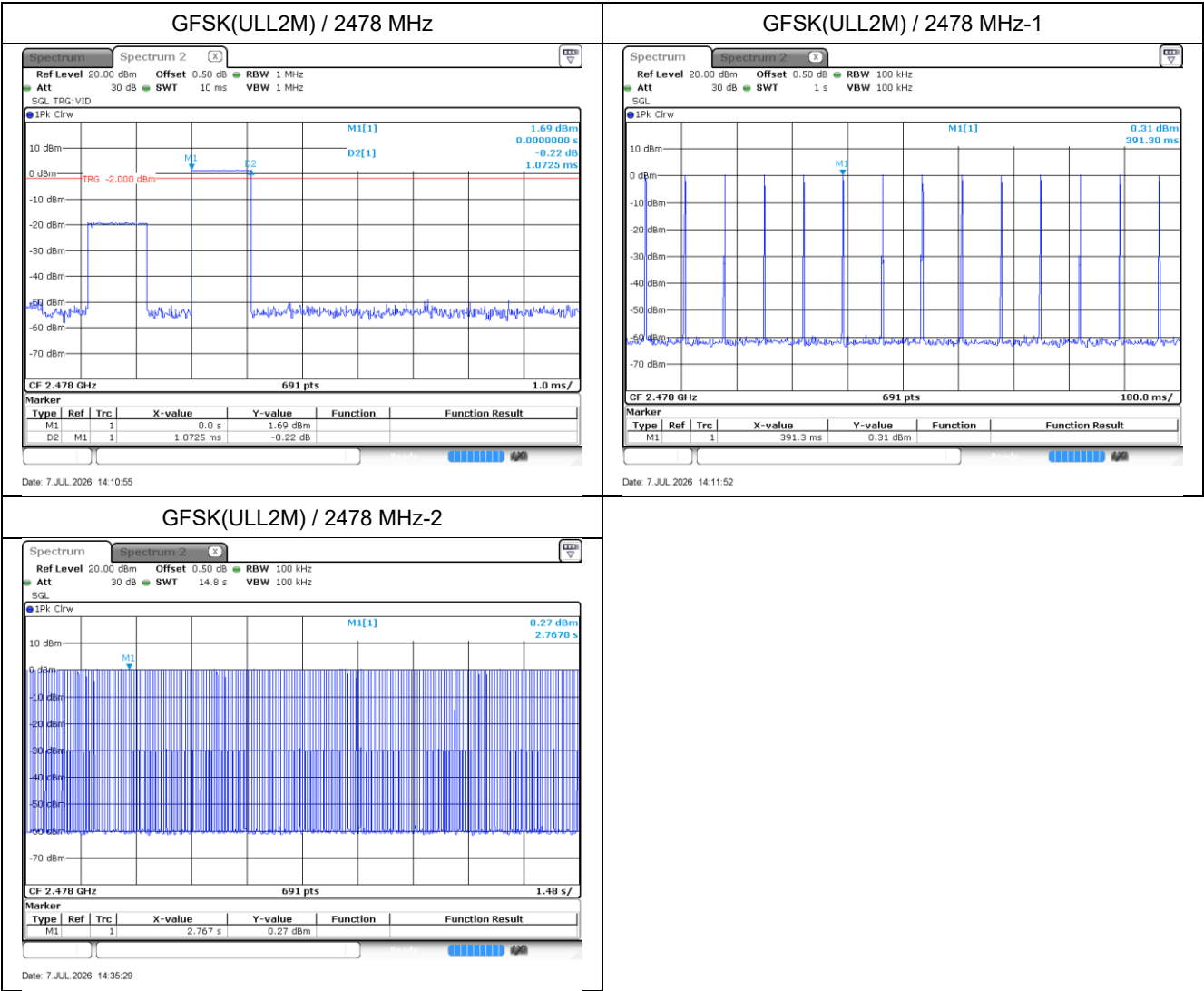
Frequency (MHz)	Measure Level (Channels)	Limit (Channels)
2404.0 ~ 2478.0	37	≥ 15



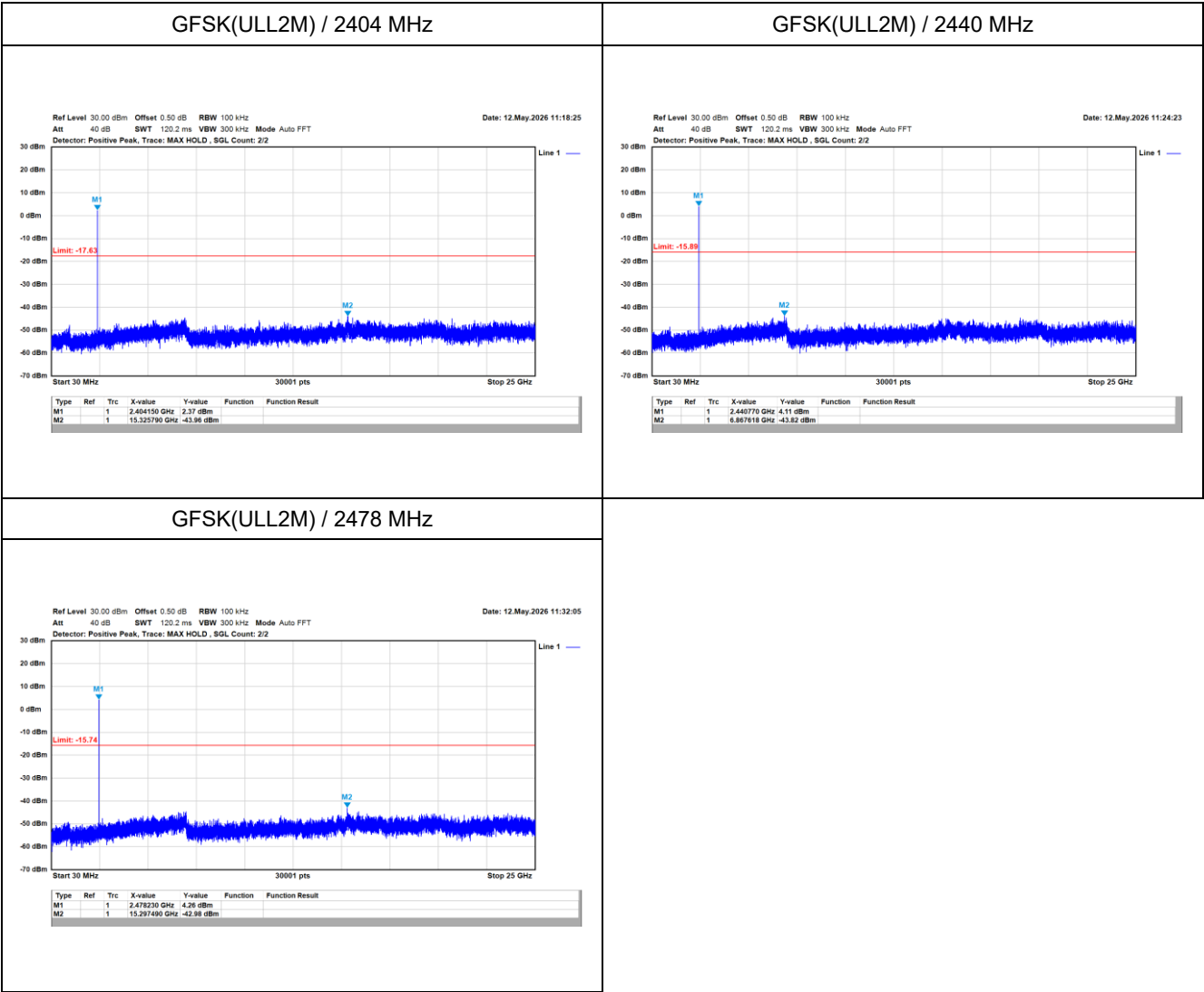
Appendix F. Test Result of Dwell Time

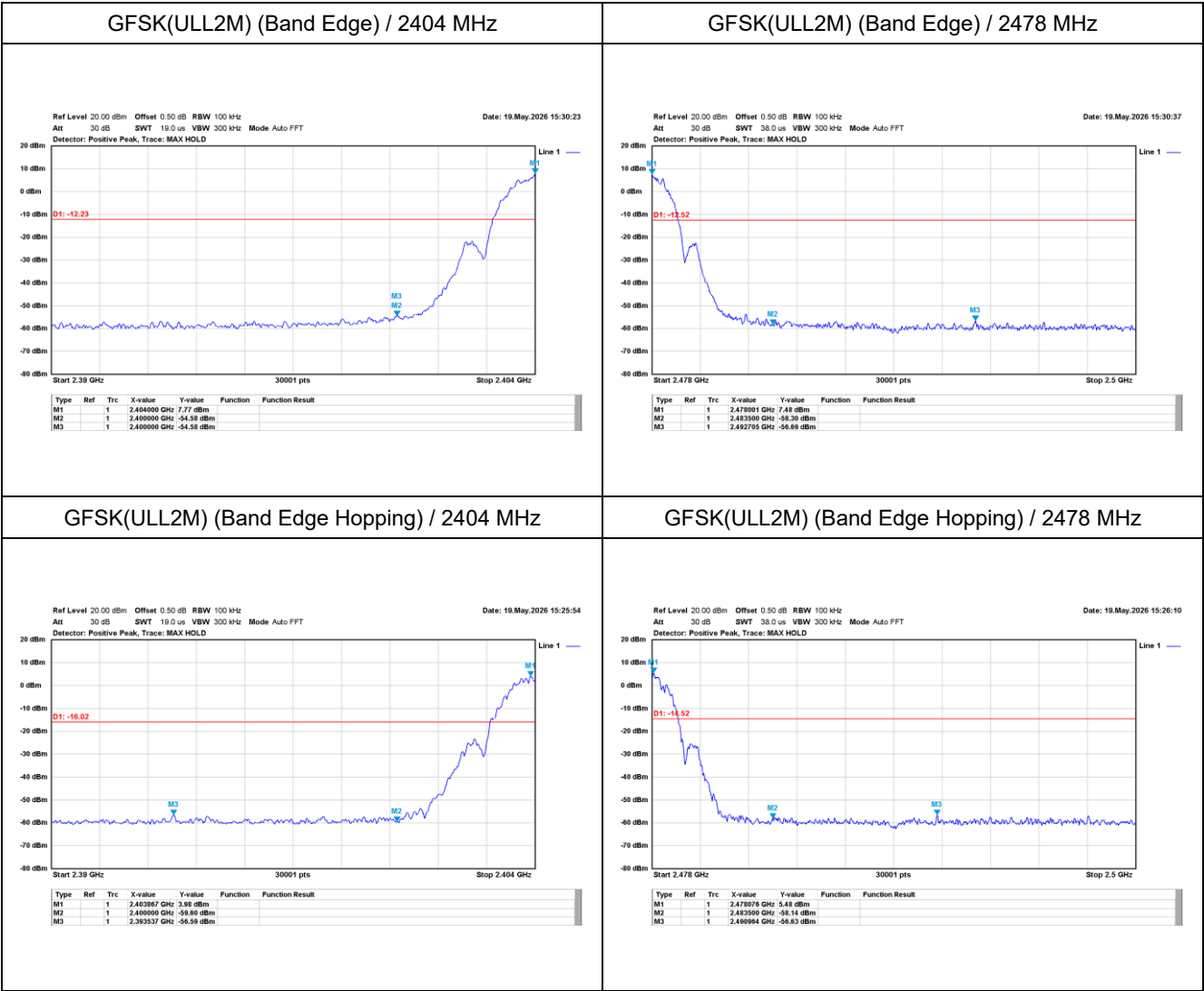
Modulation	Occupancy Time of Frequency Hopping System
GFSK (ULL2M)	A) 2404 MHz Test Time Period: $0.4 \times 37 = 14.80$ sec, Time slot length : $1.073 = 0.001073$ sec
	Dwell Time : $0.001073 \times 14 \times 14.8 = 0.222$ sec °
	B) 2440 MHz Test Time Period: $0.4 \times 37 = 14.80$ sec, Time slot length : $1.073 = 0.001073$ sec
	Dwell Time : $0.001073 \times 14 \times 14.8 = 0.222$ sec °
	C) 2478 MHz Test Time Period: $0.4 \times 37 = 14.80$ sec, Time slot length : $1.073 = 0.001073$ sec
	Dwell Time : $0.001073 \times 14 \times 14.8 = 0.222$ 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

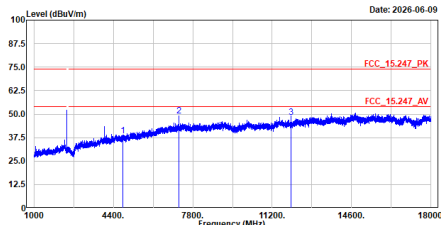




Appendix H. Test Result of Radiated Emission

TX_2M_2404MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2M_2404MHz
Test BY :Rock



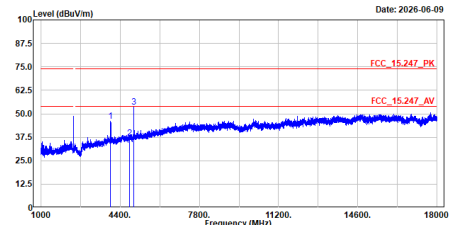
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	4888.000	38.56	74.00	-35.44	53.28	-14.72	Peak
2	7212.000	48.97	74.00	-25.03	56.15	-7.18	Peak
3	12020.000	48.45	74.00	-25.55	49.95	-1.50	Peak

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.

TX_2M_2404MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2M_2404MHz
Test BY :Rock



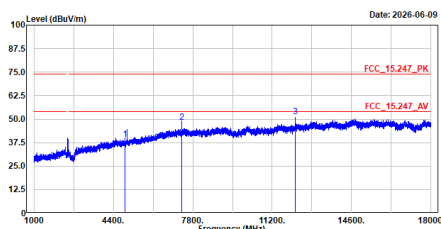
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	3986.050	45.98	74.00	-28.02	64.59	-18.61	Peak
2	4888.000	36.88	74.00	-37.12	51.68	-14.72	Peak
3	4988.200	53.50	74.00	-20.50	67.62	-14.12	Peak

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_2M_2440MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2M_2440MHz
Test BY :Rock



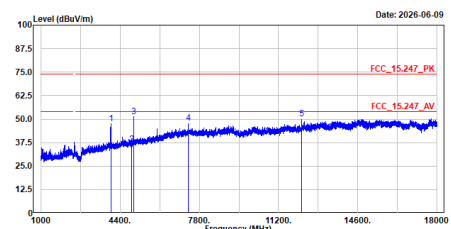
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	4888.000	39.34	74.00	-34.66	53.80	-14.46	Peak
2	7320.000	48.40	74.00	-25.60	55.53	-7.13	Peak
3	12200.000	51.22	74.00	-22.78	52.06	-0.84	Peak

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_2M_2440MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2M_2440MHz
Test BY :Rock



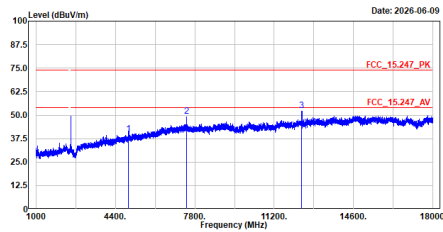
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	3997.950	47.58	74.00	-26.42	66.20	-18.62	Peak
2	4888.000	36.67	74.00	-37.33	51.13	-14.46	Peak
3	4988.200	51.37	74.00	-22.63	65.49	-14.12	Peak
4	7320.000	47.76	74.00	-26.24	54.89	-7.13	Peak
5	12200.000	50.01	74.00	-23.99	50.85	-0.84	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_2M_2478MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2M_2478MHz
Test BY :Rock

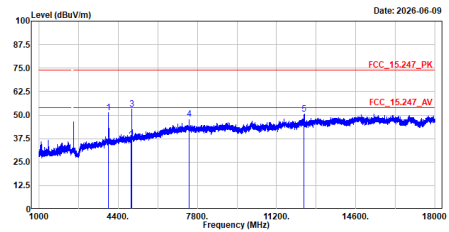


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4956.000	40.06	74.00	-33.94	54.30	-14.24	Peak
2	7434.000	49.28	74.00	-24.72	56.24	-6.96	Peak
3	12390.000	52.63	74.00	-21.37	53.54	-0.91	Peak

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_2M_2478MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2M_2478MHz
Test BY :Rock

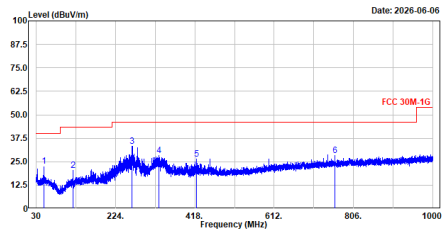


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	3985.200	51.42	74.00	-22.58	70.04	-18.62	Peak
2	4956.000	36.77	74.00	-37.23	51.01	-14.24	Peak
3	4993.300	53.34	74.00	-20.66	67.44	-14.10	Peak
4	7434.000	48.06	74.00	-25.94	55.02	-6.96	Peak
5	12390.000	50.74	74.00	-23.26	51.65	-0.91	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_2M_2440MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2M_2440MHz
Test BY :Rock

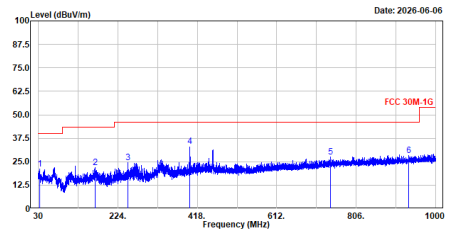


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	48.721	22.79	40.00	-17.21	46.28	-23.49	QP
2	120.113	20.54	43.50	-22.96	46.90	-26.36	QP
3	263.770	33.13	46.00	-12.87	57.56	-24.43	QP
4	329.342	28.17	46.00	-17.83	50.26	-22.09	QP
5	422.947	26.25	46.00	-19.75	46.27	-20.02	QP
6	760.216	28.32	46.00	-17.68	41.24	-12.92	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.

TX_2M_2440MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2M_2440MHz
Test BY :Rock

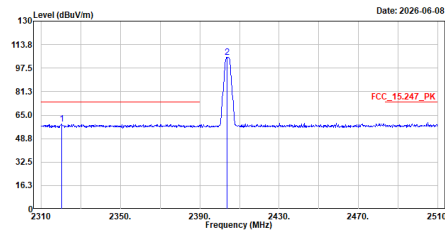


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	32.425	21.24	40.00	-18.76	46.42	-25.18	QP
2	168.031	21.85	43.50	-21.65	46.12	-24.27	QP
3	248.541	24.44	46.00	-21.56	49.33	-24.89	QP
4	400.346	33.33	46.00	-12.67	53.81	-20.48	QP
5	742.562	27.71	46.00	-18.29	40.84	-13.13	QP
6	933.749	28.47	46.00	-17.53	39.51	-11.04	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_2M_2404MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2M_2404MHz
Test BY :Rock

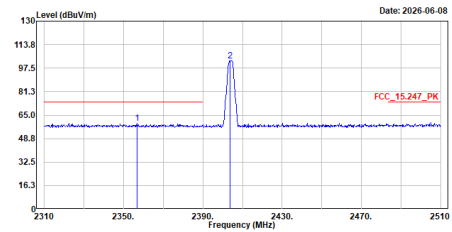


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2320.200	58.73	74.00	-15.27	28.16	30.57	Peak
2	2403.600	105.01	74.00	74.66	30.35		Peak

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_2M_2404MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2M_2404MHz
Test BY :Rock

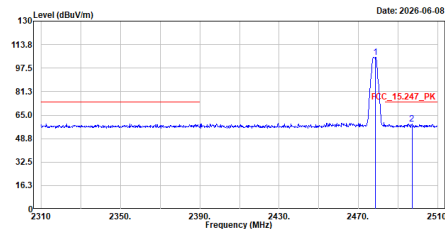


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2357.000	59.43	74.00	-14.57	28.95	30.48	Peak
2	2403.600	102.68	74.00	72.33	30.35		Peak

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_2M_2478MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2M_2478MHz
Test BY :Rock

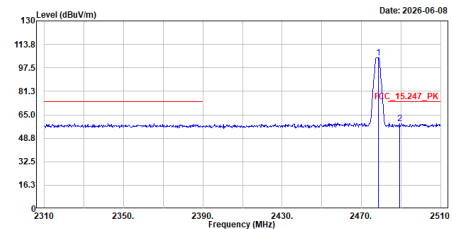


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2478.600	104.86	74.00	74.43	30.43		Peak
2	2497.000	58.89	74.00	-15.11	28.45	30.44	Peak

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.

TX_2M_2478MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2M_2478MHz
Test BY :Rock



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2478.600	104.52	74.00	74.09	30.43		Peak
2	2489.200	59.08	74.00	-14.92	28.64	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.

Horizontal Polarization for Average Detector:

Modulation	Channel (MHz)	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
GFSK (2 Mbps)	2404	2320.2	58.73	-39.172	19.558	-34.442	54
		2403.6	105.01	-39.172	65.838	-	--
	2478	2478.6	104.86	-39.172	65.688	-	--
		2497	58.89	-39.172	19.718	-34.282	54

Vertical Polarization for Average Detector:

Modulation	Channel (MHz)	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
GFSK (2 Mbps)	2404	2357	59.43	-39.172	20.258	-33.742	54
		2403.6	102.68	-39.172	63.508	--	--
	2478	2478.6	104.52	-39.172	65.348	-	--
		2489.2	59.08	-39.172	19.908	-34.092	54

Worst-Case Emissions Above 18 GHz

