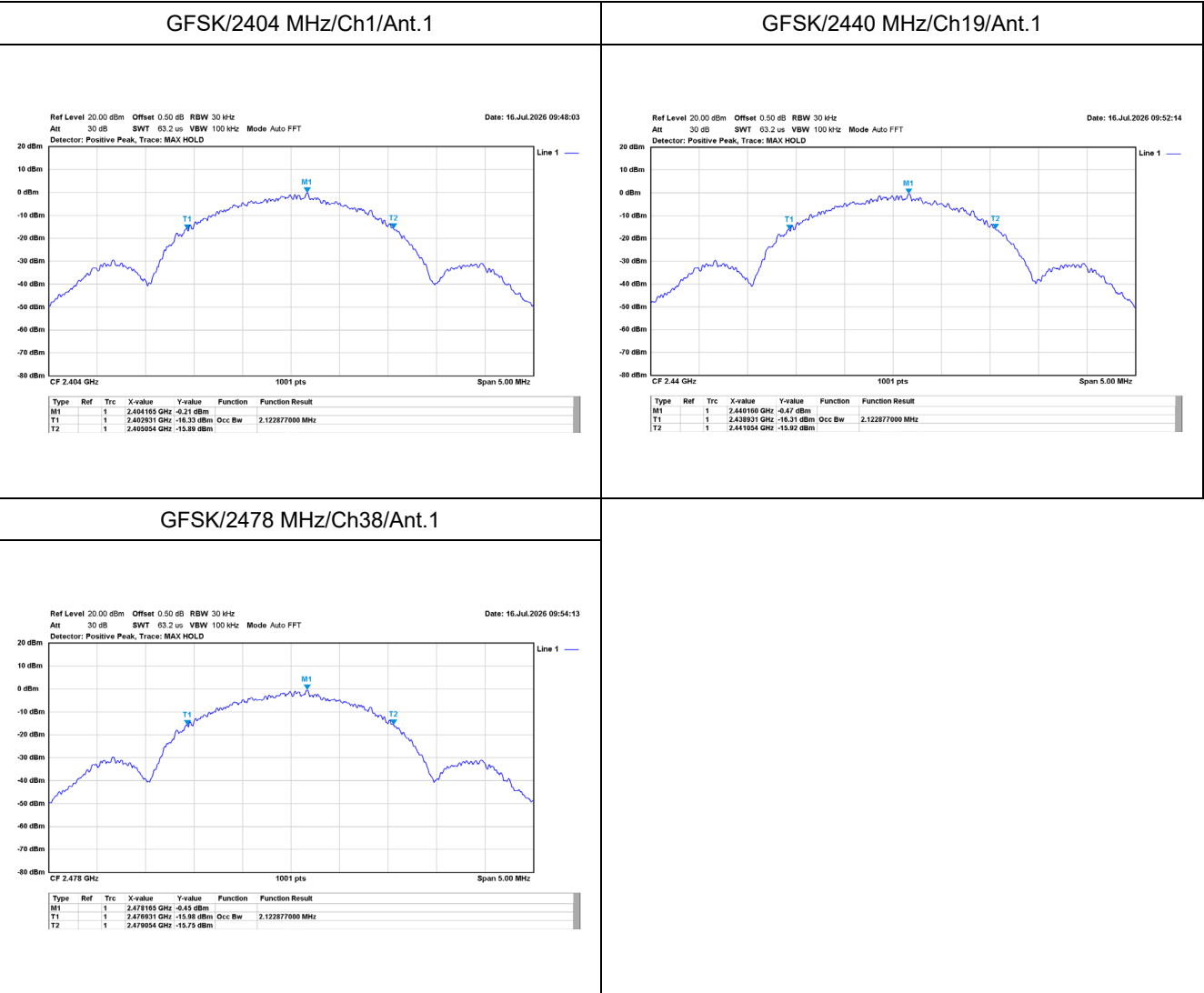


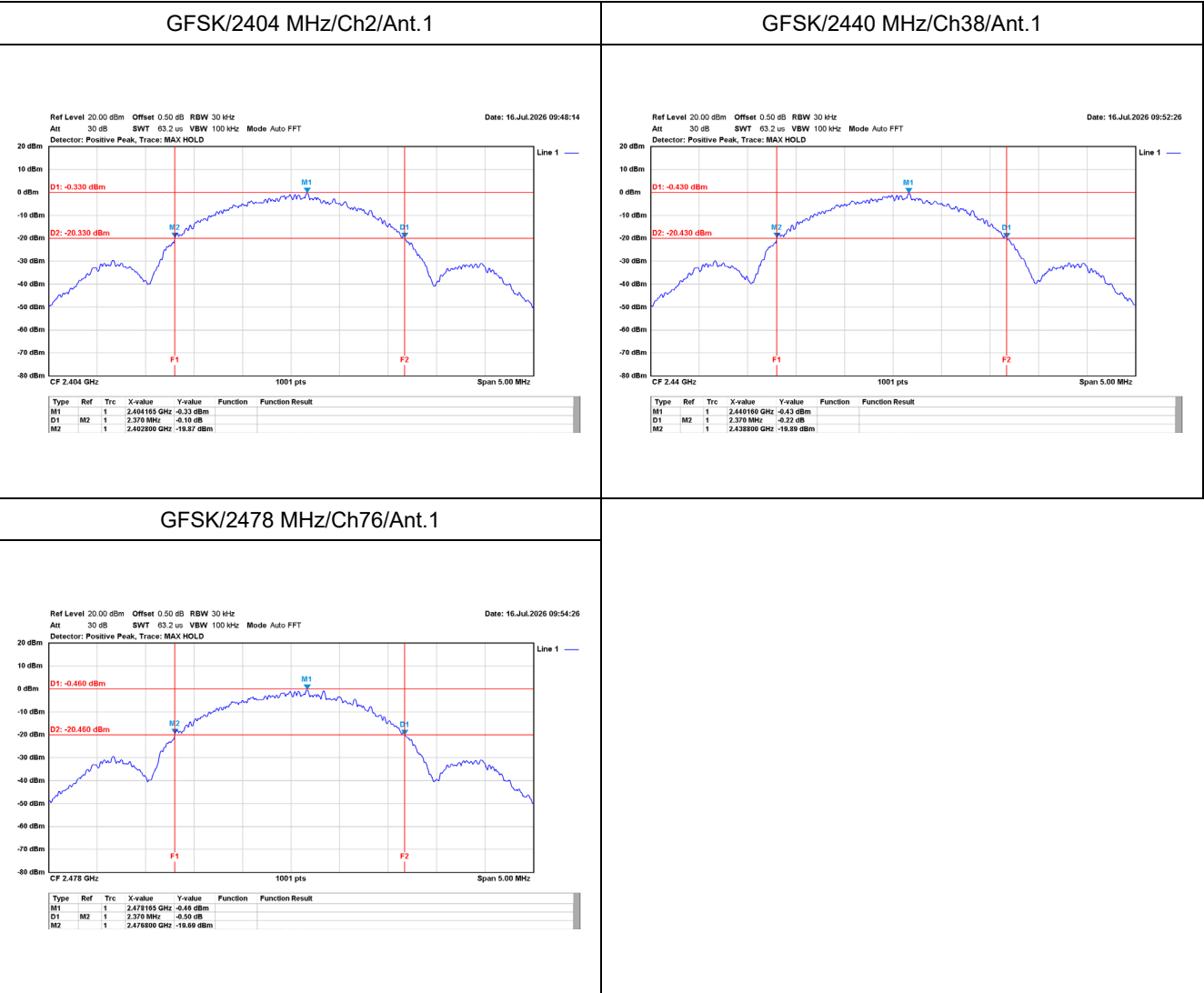
Appendix B. Test Result of Occupied Bandwidth & 20dB Bandwidth

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	20dB Bandwidth
GFSK (2 Mbps)	2404	2.12	2.37	-	-
	2440	2.12	2.37	-	-
	2478	2.12	2.37	-	-

For 99% Occupied Bandwidth:



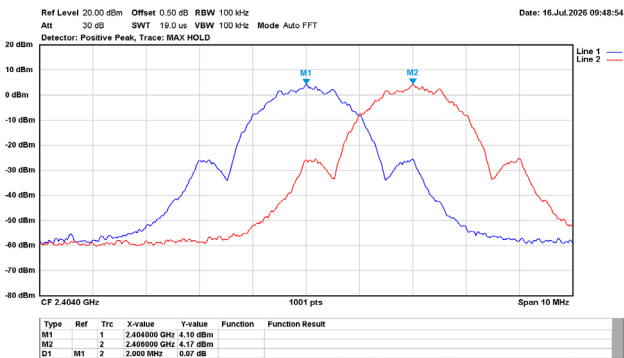
For 20dB Bandwidth:



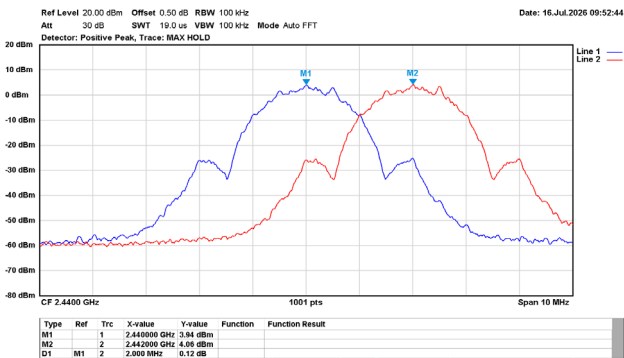
Appendix C. Test Result of Carrier Frequency Separation

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK (2 Mbps)	2404	2.00	1.580	Pass
	2440	2.00	1.580	Pass
	2478	2.00	1.580	Pass

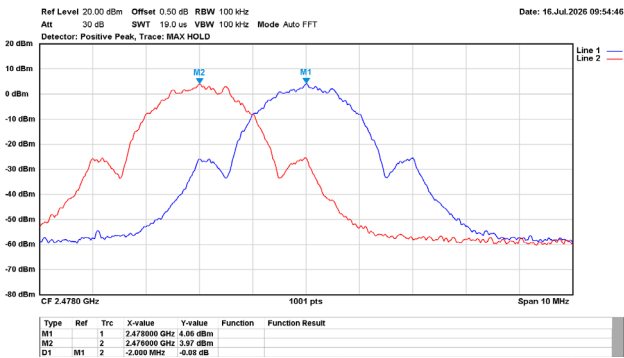
GFSK / 2404 MHz



GFSK / 2440 MHz



GFSK / 2478 MHz

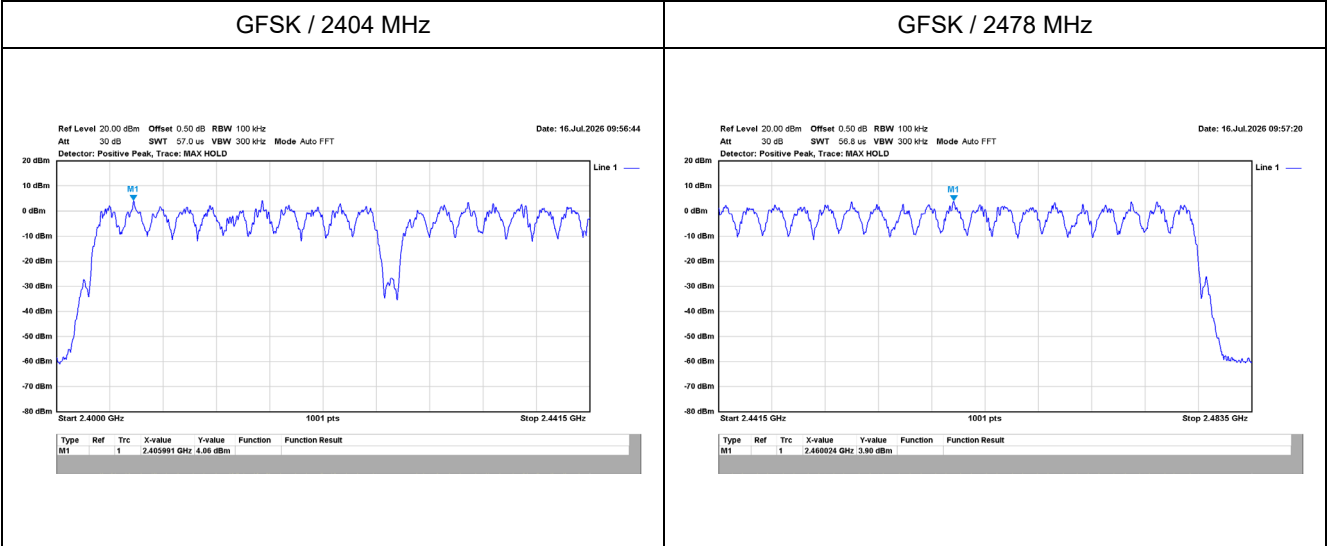


Appendix D. Test Result of Maximum Peak Conducted Output Power

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK (2 Mbps)	2404	5.72	21.00	Pass
	2440	5.81	21.00	Pass
	2478	5.89	21.00	Pass

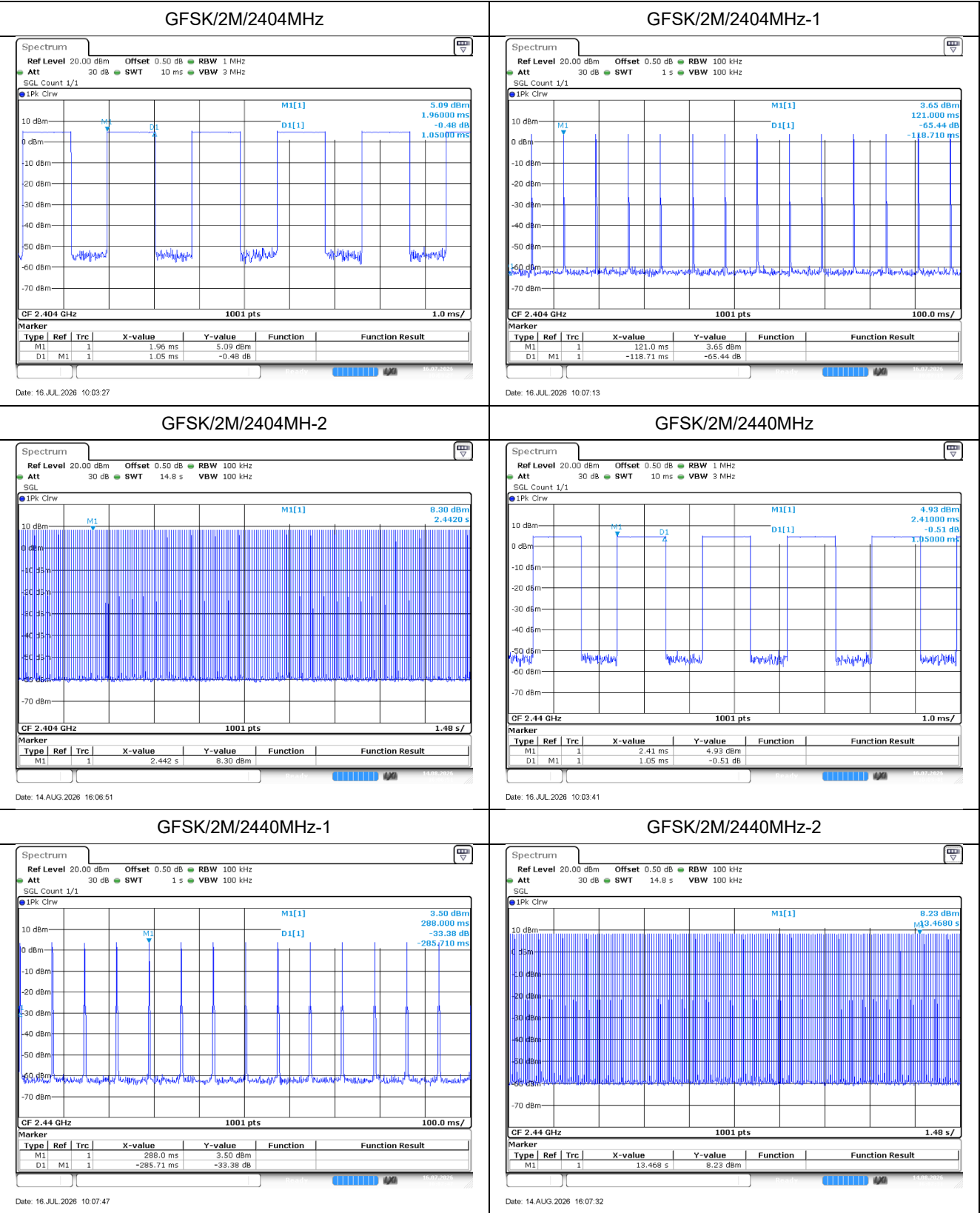
Appendix E. Test Result of Number of Hopping Frequency

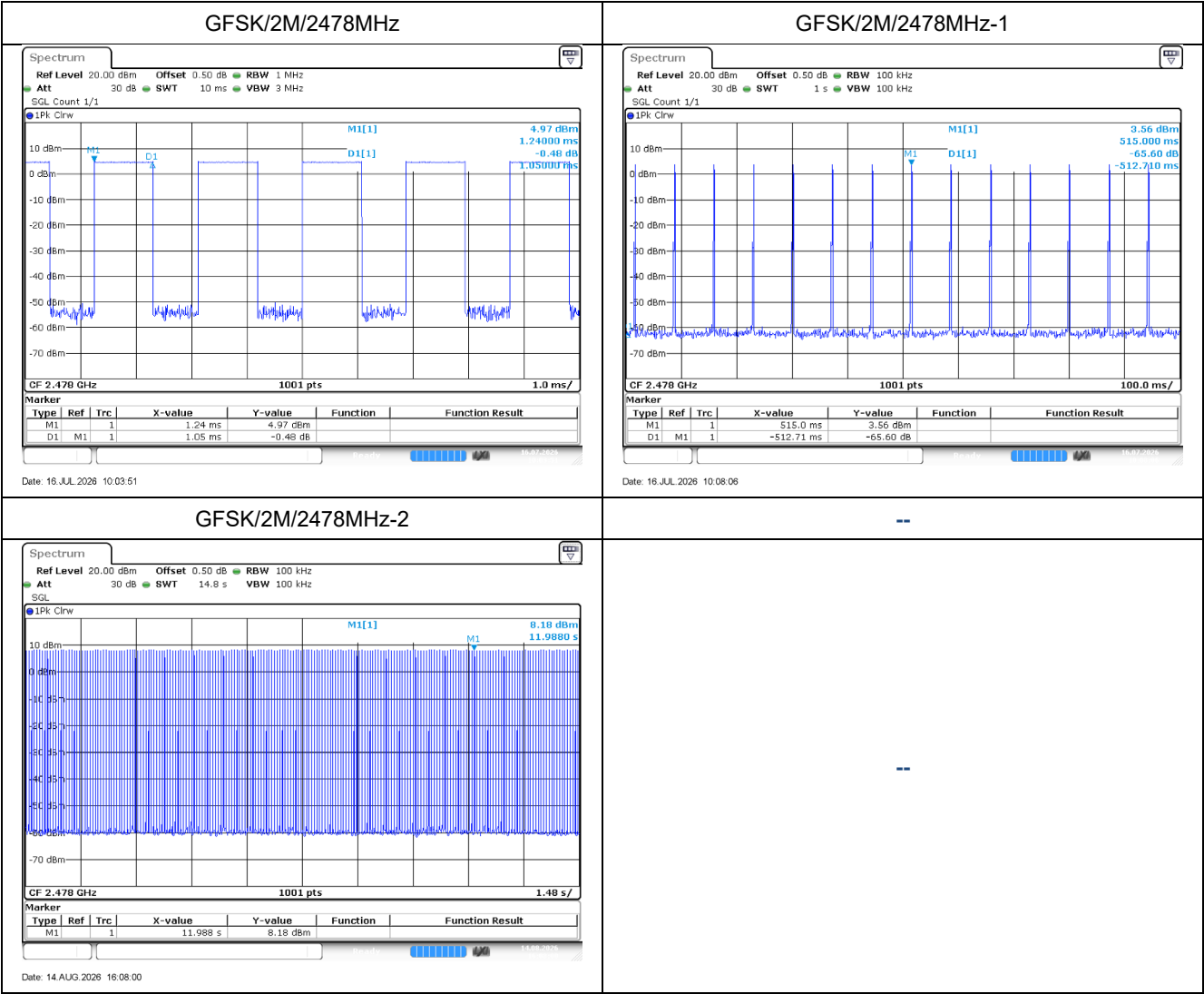
Frequency (MHz)	Measure Level (Channels)	Limit (Channels)
2404.0 ~ 2478.0	37	≥ 15



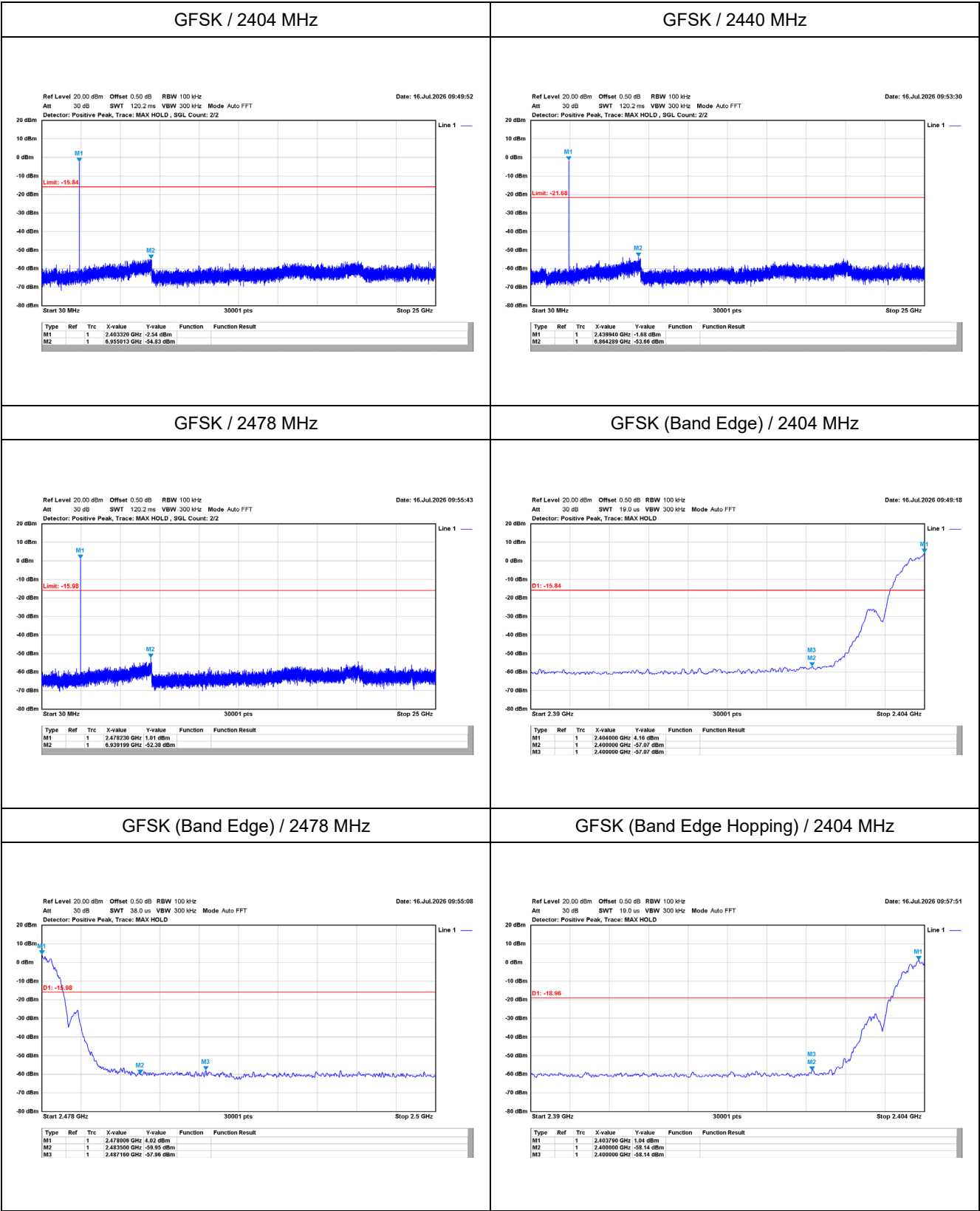
Appendix F. Test Result of Dwell Time

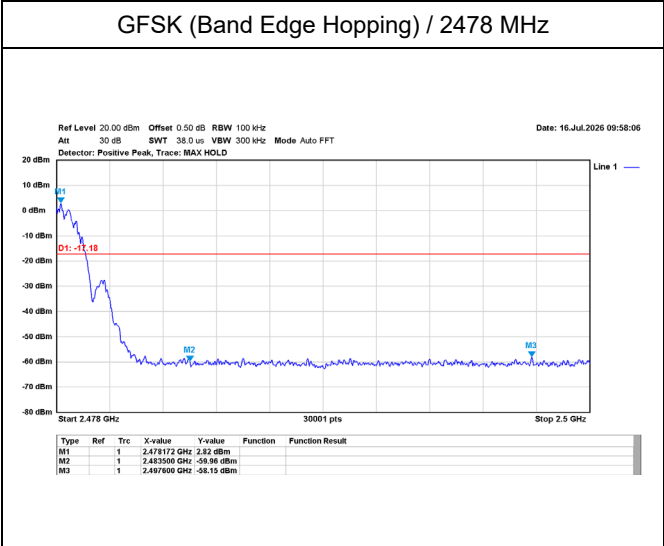
Modulation	Occupancy Time of Frequency Hopping System
GFSK (2Mbps)	A) 2404 MHz Test Time Period: $0.4 \times 37 = 14.80$ sec, Time slot length : $1.05 = 0.00105$ sec
	Dwell Time : $0.00105 \times 14 \times 14.8 = 0.217$ sec °
	B) 2440 MHz Test Time Period: $0.4 \times 37 = 14.80$ sec, Time slot length : $1.05 = 0.00105$ sec
	Dwell Time : $0.00105 \times 14 \times 14.8 = 0.217$ sec °
	C) 2478 MHz Test Time Period: $0.4 \times 37 = 14.80$ sec, Time slot length : $1.05 = 0.00105$ sec
	Dwell Time : $0.00105 \times 14 \times 14.8 = 0.217$ 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

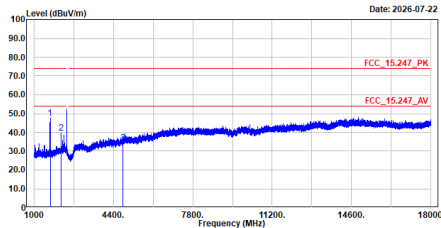




Appendix H. Test Result of Radiated Emission

TX_ULL 2M FHSS_2404MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_ULL 2M FHSS_2404MHz
Test by :Bob Chiu

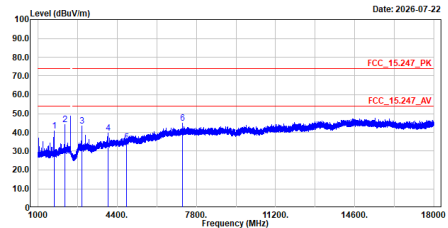


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1679.469	47.38	74.00	-26.62	71.10	-23.72	Peak
2	2160.781	39.44	74.00	-34.56	61.39	-21.95	Peak
3	4888.000	34.41	74.00	-39.59	47.52	-13.11	Peak

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_ULL 2M FHSS_2404MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_ULL 2M FHSS_2404MHz
Test by :Bob Chiu

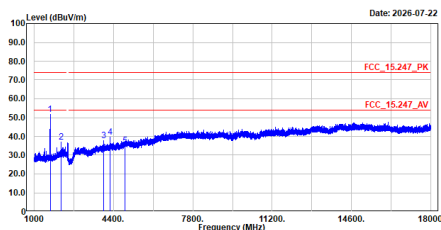


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1681.063	48.92	74.00	-33.08	64.62	-23.70	Peak
2	2160.250	43.97	74.00	-30.03	65.93	-21.96	Peak
3	2879.563	43.54	74.00	-30.46	63.99	-20.45	Peak
4	3999.438	39.58	74.00	-34.42	56.31	-16.73	Peak
5	4888.000	34.90	74.00	-39.10	48.01	-13.11	Peak
6	7212.000	45.06	74.00	-28.94	51.66	-6.60	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_ULL 2M FHSS_2440MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_ULL 2M FHSS_2440MHz
Test by :Bob Chiu

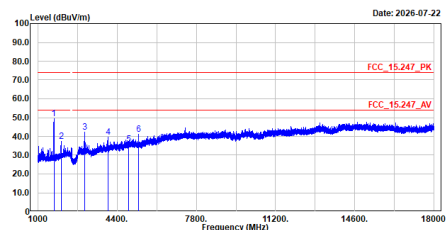


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1680.531	51.59	74.00	-22.41	75.29	-23.70	Peak
2	2160.250	36.85	74.00	-37.15	58.81	-21.96	Peak
3	3987.750	37.70	74.00	-36.30	54.43	-16.73	Peak
4	4265.063	39.81	74.00	-34.19	56.02	-16.21	Peak
5	4888.000	35.22	74.00	-38.78	48.12	-12.90	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_ULL 2M FHSS_2440MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_ULL 2M FHSS_2440MHz
Test by :Bob Chiu

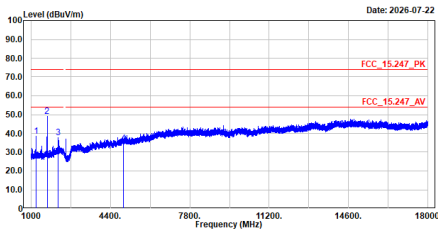


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1679.469	49.60	74.00	-24.40	73.32	-23.72	Peak
2	1993.969	37.35	74.00	-36.65	59.78	-22.43	Peak
3	3015.563	42.17	74.00	-31.83	62.36	-20.19	Peak
4	3999.969	39.47	74.00	-34.53	56.20	-16.73	Peak
5	4888.000	35.98	74.00	-38.02	48.88	-12.90	Peak
6	5315.875	41.07	74.00	-32.93	52.74	-11.67	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_ULL 2M FHSS_2478MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_ULL 2M FHSS_2478MHz
Test by :Bob Chiu

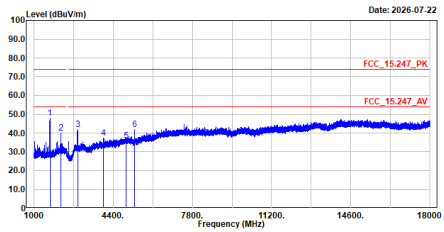


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	1199.750	38.65	74.00	-35.35	62.71	-24.06	Peak
2	1680.000	49.02	74.00	-24.98	72.73	-23.71	Peak
3	2159.188	37.56	74.00	-36.44	59.51	-21.95	Peak
4	4956.000	34.77	74.00	-39.23	47.13	-12.36	Peak

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_ULL 2M FHSS_2478MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_ULL 2M FHSS_2478MHz
Test by :Bob Chiu

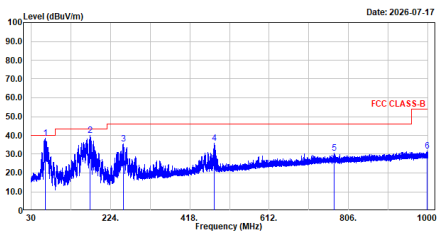


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	1679.469	47.91	74.00	-26.09	71.63	-23.72	Peak
2	2160.250	48.06	74.00	-33.94	62.02	-21.96	Peak
3	2879.563	42.06	74.00	-31.94	62.51	-20.45	Peak
4	3990.406	37.30	74.00	-36.70	54.03	-16.73	Peak
5	4956.000	35.79	74.00	-38.21	48.15	-12.36	Peak
6	5322.250	41.79	74.00	-32.21	53.46	-11.67	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_ULL 2M FHSS_2440MHz_H

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_ULL 2M FHSS_2440MHz
Test by :Bob Chiu

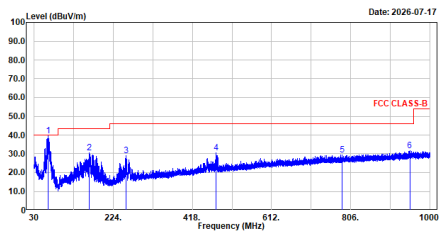


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	64.202	38.56	40.00	-1.44	50.28	-11.72	QP
2	173.357	40.13	43.50	-3.37	51.80	-11.67	QP
3	254.762	35.63	46.00	-10.37	47.65	-12.02	QP
4	476.973	35.95	46.00	-10.05	42.15	-6.20	QP
5	771.538	30.54	46.00	-15.46	31.60	-1.06	QP
6	997.800	31.64	54.00	-22.36	30.32	1.32	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_ULL 2M FHSS_2440MHz_V

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_ULL 2M FHSS_2440MHz
Test by :Bob Chiu

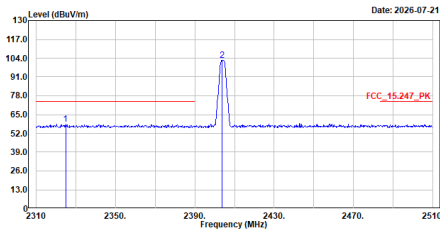


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	64.802	39.47	40.00	-0.53	51.43	-11.96	QP
2	165.907	30.66	43.50	-12.84	41.80	-11.14	QP
3	254.712	29.12	46.00	-16.88	41.14	-12.02	QP
4	475.773	30.68	46.00	-15.32	36.50	-6.22	QP
5	784.739	29.31	46.00	-16.69	30.27	-0.96	QP
6	950.848	31.53	46.00	-14.47	30.53	1.00	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_U LL 2M FHSS_2404MHz_H_Peak

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_U LL 2M FHSS_2404MHz
Test by :Bob Chiu

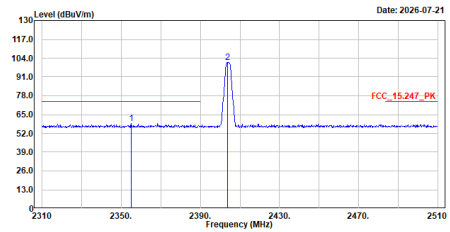


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2324.800	58.60	74.00	-15.40	29.28	29.32	Peak
2	2403.600	102.40	74.00	-	73.19	29.21	Peak

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_U LL 2M FHSS_2404MHz_V_Peak

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_U LL 2M FHSS_2404MHz
Test by :Bob Chiu

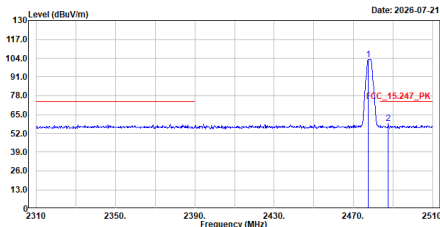


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2355.200	58.97	74.00	-15.03	29.58	29.39	Peak
2	2403.600	100.92	74.00	-	71.71	29.21	Peak

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_U LL 2M FHSS_2478MHz_H_Peak

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_U LL 2M FHSS_2478MHz
Test by :Bob Chiu

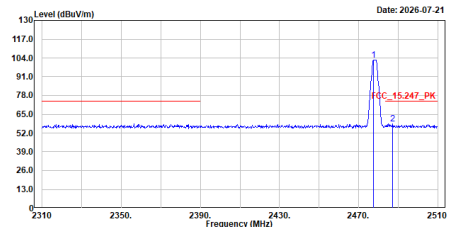


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2477.600	102.98	74.00	-	73.72	29.26	Peak
2	2487.600	58.63	74.00	-15.37	29.38	29.25	Peak

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_U LL 2M FHSS_2478MHz_V_Peak

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_U LL 2M FHSS_2478MHz
Test by :Bob Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2477.600	102.77	74.00	-	73.51	29.26	Peak
2	2487.600	58.36	74.00	-15.64	29.12	29.24	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 (dB μ V/m)	Duty Cycle Factor (dB)	Measurement Level (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)
GFSK (2 Mbps)	2404	2403.6	102.4	-38.718	63.682	--	--
		2324.8	58.6	-38.718	19.882	-34.118	54
	2478	2477.6	102.98	-38.718	64.262	--	--
		2487.6	58.63	-38.718	19.912	-34.088	54

Vertical Polarization for Average Detector:

Modulation	Channel (MHz)	Frequency (MHz)	Peak Measurement (dB μ V/m)	Duty Cycle Factor (dB)	Measurement Level (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)
GFSK (2 Mbps)	2404	2403.6	100.92	-38.718	62.202	--	--
		2355.2	58.97	-38.718	20.252	-33.748	54
	2478	2477.6	102.77	-38.718	64.052	--	--
		2487	58.36	-38.718	19.642	-34.358	54

Worst-Case Emissions Above 18 GHz

