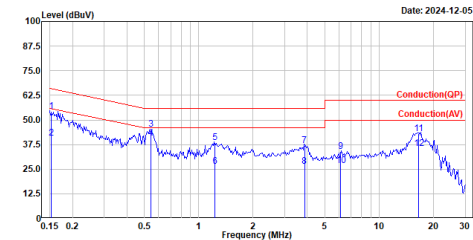


Appendix A. Test Result of AC Power Line Conducted Emission

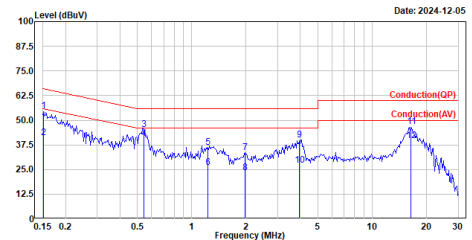
Site :HY-SR01
Condition :Line
Mode :TX_BLE2M_2440MHz
test by :Neko



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.153	54.28	65.85	-11.57	44.60	9.68	QP
2	0.153	40.62	55.85	-15.23	30.94	9.68	Average
3	0.542	45.11	56.00	-10.89	35.43	9.68	QP
4	0.542	40.75	46.00	-5.25	31.07	9.68	Average
5	1.227	38.34	56.00	-17.66	28.60	9.74	QP
6	1.227	26.29	46.00	-19.71	16.55	9.74	Average
7	3.857	36.96	56.00	-19.04	26.51	10.45	QP
8	3.857	26.36	46.00	-19.64	15.91	10.45	Average
9	6.088	34.01	60.00	-25.99	23.18	10.83	QP
10	6.088	26.85	50.00	-23.15	16.02	10.83	Average
11	16.540	42.90	60.00	-17.10	32.14	10.76	QP
12	16.540	35.47	50.00	-14.53	24.71	10.76	Average

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

Site :HY-SR01
Condition :Neutral
Mode :TX_BLE2M_2440MHz
test by :Neko

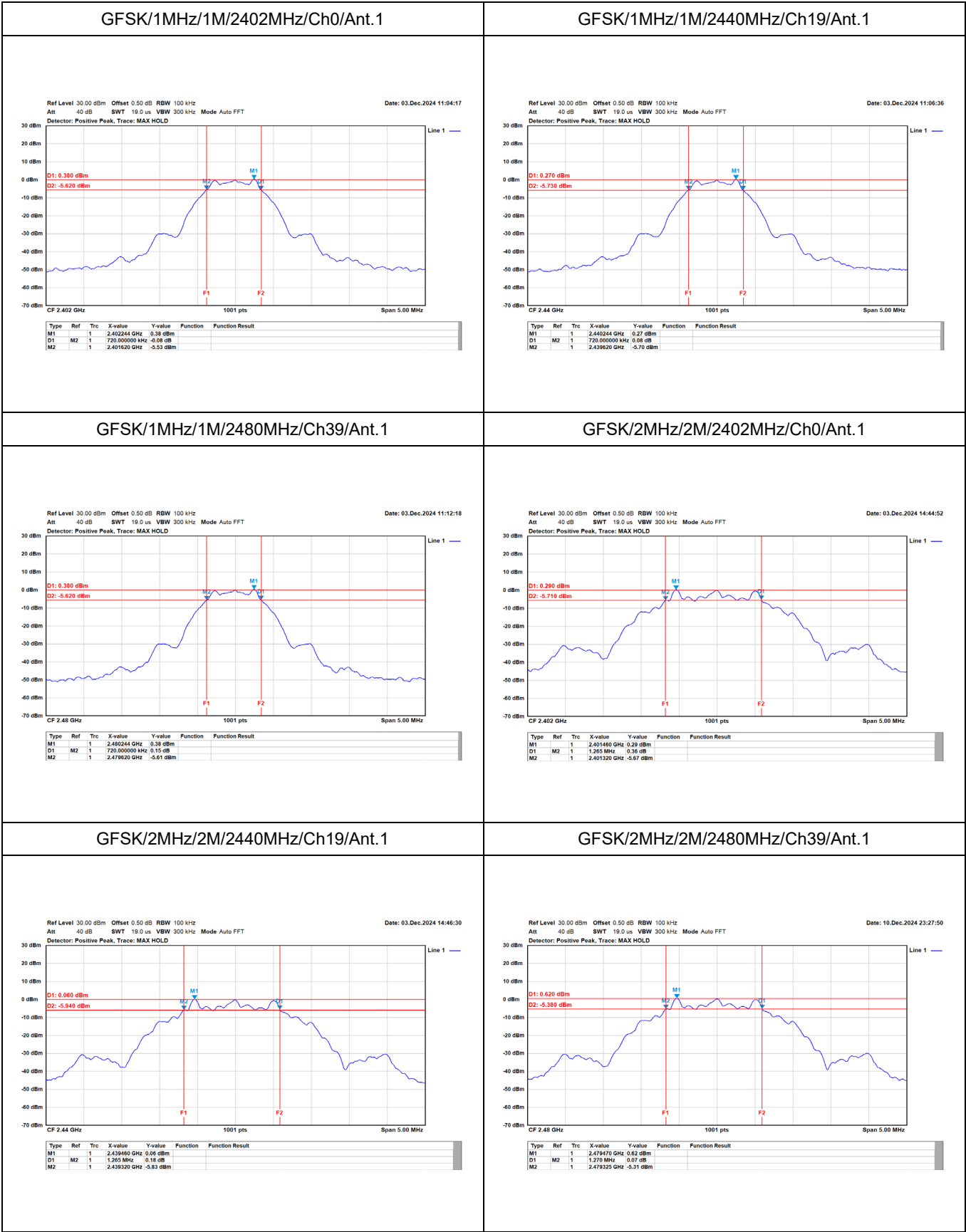


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.151	54.58	65.96	-11.38	44.92	9.66	QP
2	0.151	41.06	55.96	-14.90	31.40	9.66	Average
3	0.542	45.29	56.00	-10.71	35.63	9.66	QP
4	0.542	40.94	46.00	-5.06	31.28	9.66	Average
5	1.231	36.26	56.00	-19.74	26.54	9.72	QP
6	1.231	26.00	46.00	-19.92	16.36	9.72	Average
7	1.981	33.42	56.00	-22.58	23.62	9.80	QP
8	1.981	23.27	46.00	-22.73	13.47	9.80	Average
9	3.952	40.18	56.00	-15.82	29.72	10.46	QP
10	3.952	27.28	46.00	-18.72	16.82	10.46	Average
11	16.443	46.61	60.00	-13.39	35.79	10.82	QP
12	16.443	39.73	50.00	-10.27	28.91	10.82	Average

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)	6dB Bandwidth (MHz)	Limit (MHz)	Result
		Ant. 1		
GFSK (1Mbps)	2402	0.72	0.50	Pass
	2440	0.72	0.50	Pass
	2480	0.72	0.50	Pass
GFSK (2Mbps)	2402	1.27	0.50	Pass
	2440	1.27	0.50	Pass
	2480	1.27	0.50	Pass

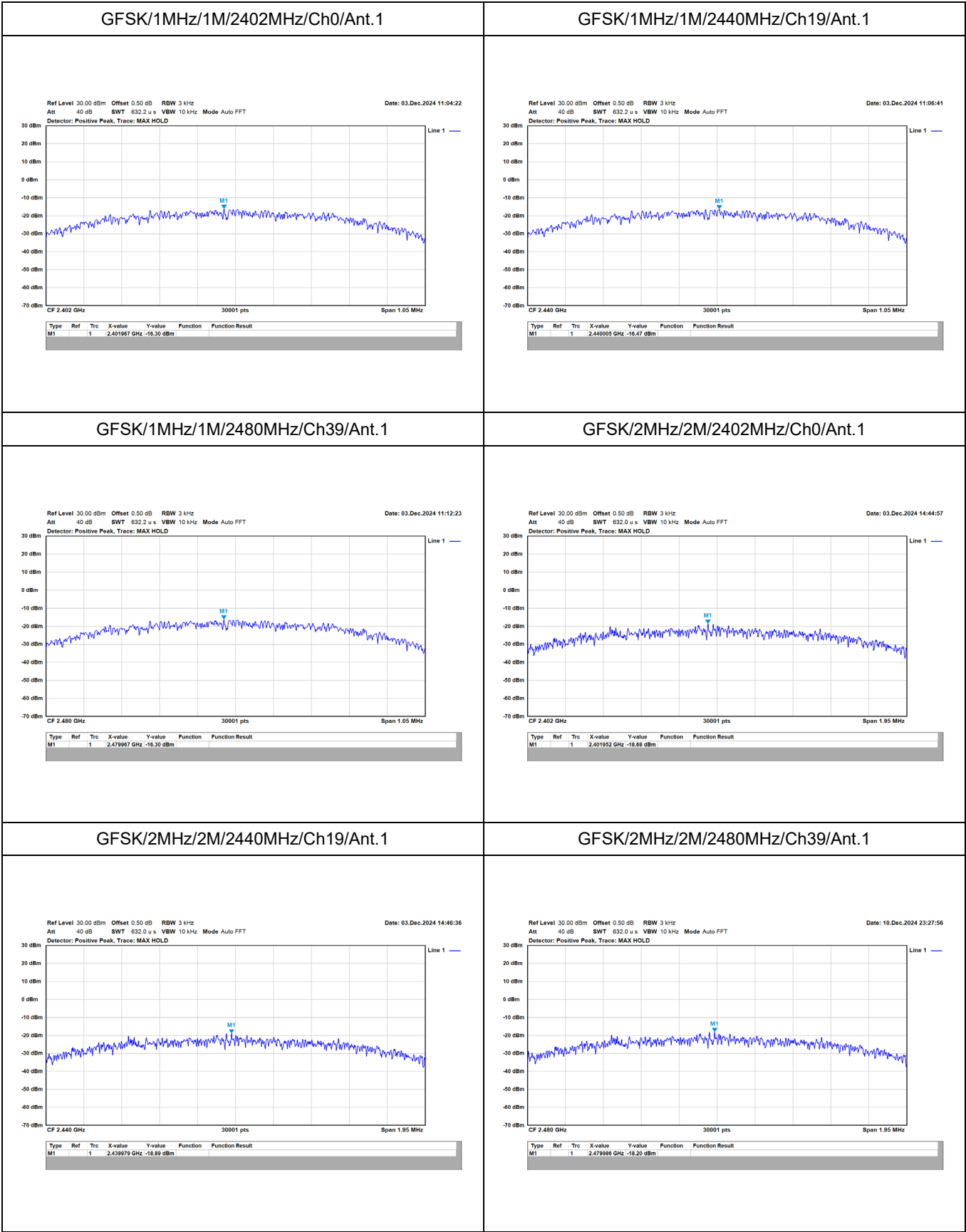


Appendix C. Test Result of Maximum Conducted Output Power

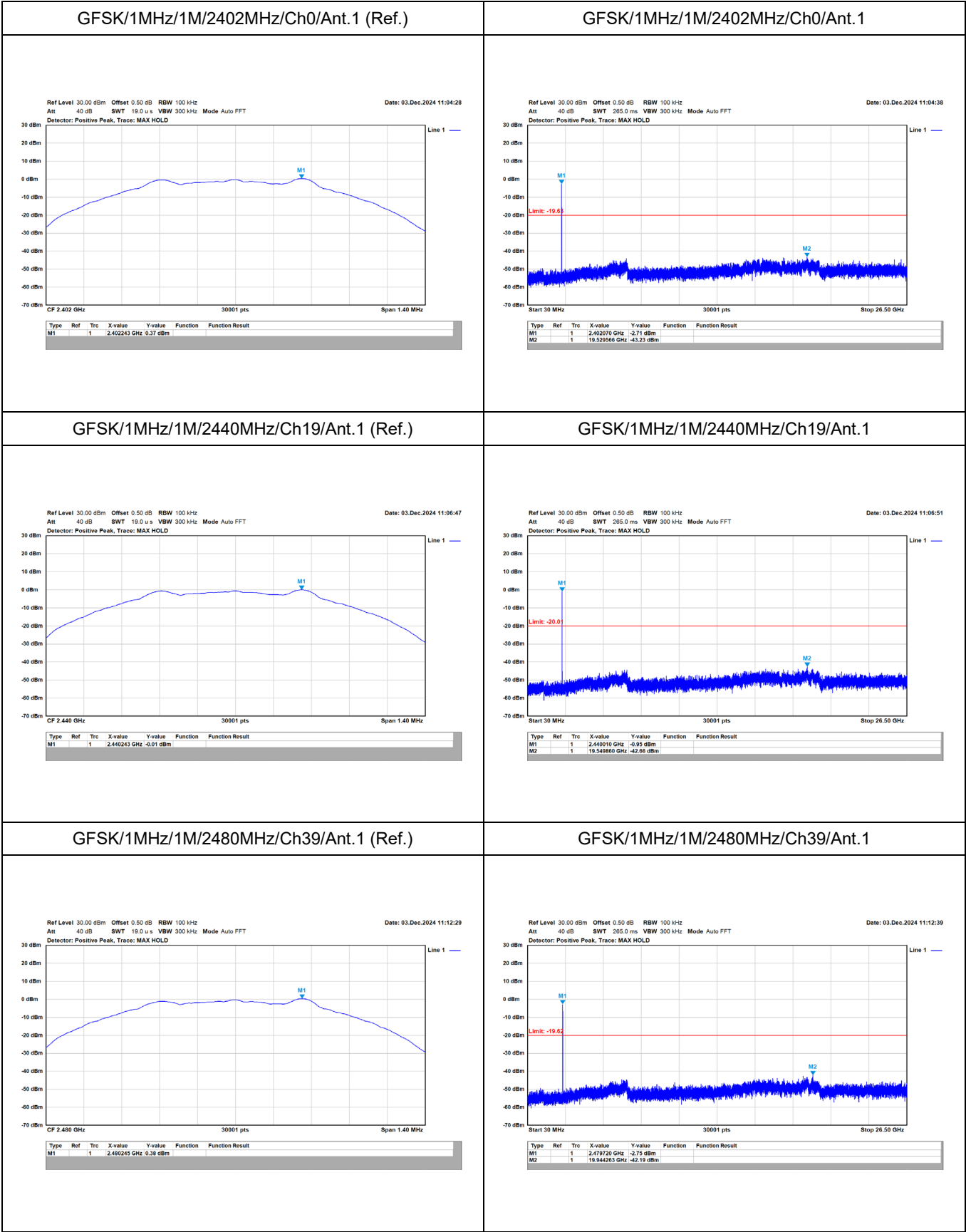
Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
GFSK (1Mbps)	2402	1.51	30.00	Pass
	2440	1.34	30.00	Pass
	2480	1.31	30.00	Pass
GFSK (2Mbps)	2402	1.50	30.00	Pass
	2440	1.33	30.00	Pass
	2480	1.30	30.00	Pass

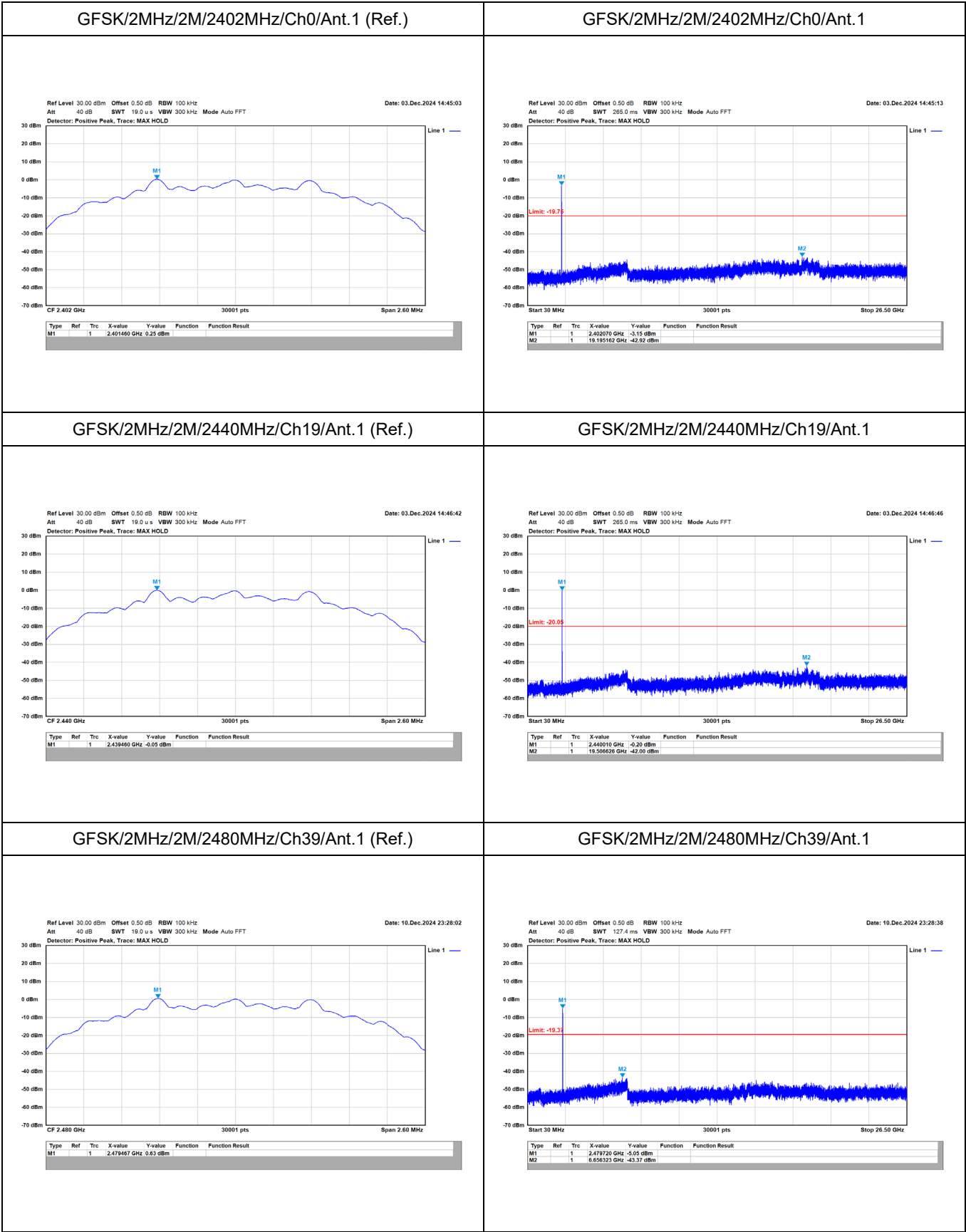
Appendix D. Test Result of Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
		Ant. 1		
GFSK (1Mbps)	2402	-16.30	8.00	Pass
	2440	-16.47	8.00	Pass
	2480	-16.30	8.00	Pass
GFSK (2Mbps)	2402	-18.68	8.00	Pass
	2440	-18.89	8.00	Pass
	2480	-18.20	8.00	Pass

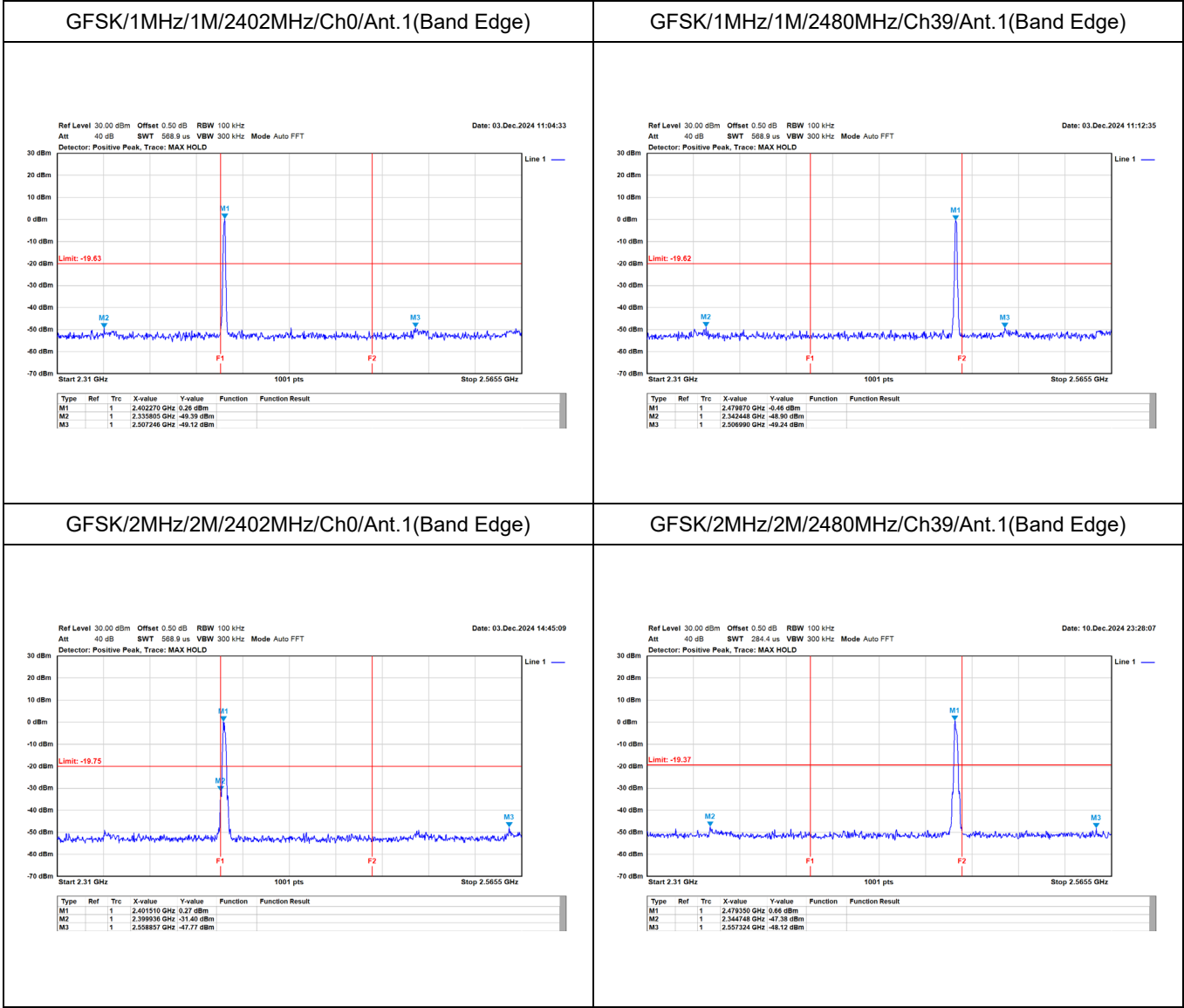


Appendix E. Test Result of Antenna Port Conducted Emission





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

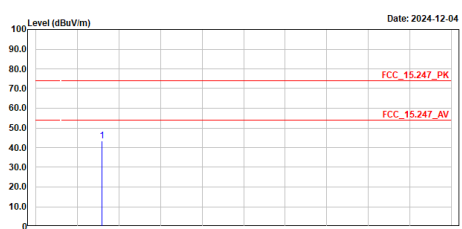


Appendix F. Test Result of Radiated Emission

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2402MHz
Test by :Caster

Level (dBuV/m)

Date: 2024-12-04



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4884.000	43.50	74.00	-30.50	50.64	-7.14	Peak

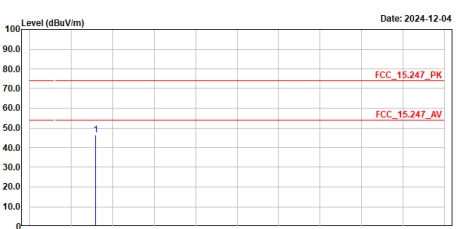
Note:

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-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2402MHz
Test by :Caster

Level (dBuV/m)

Date: 2024-12-04



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4884.000	46.24	74.00	-27.76	53.38	-7.14	Peak

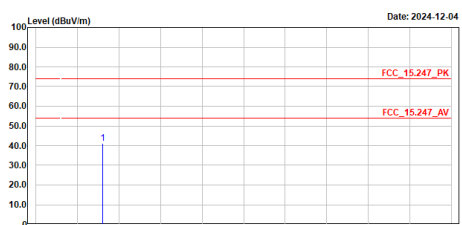
Note:

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-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2440MHz
Test by :Caster

Level (dBuV/m)

Date: 2024-12-04



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	41.14	74.00	-32.86	47.95	-6.81	Peak

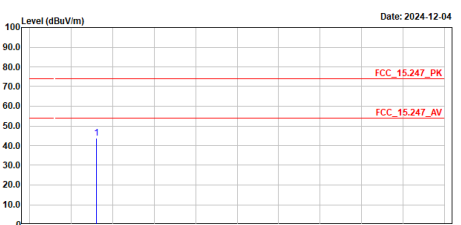
Note:

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-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2440MHz
Test by :Caster

Level (dBuV/m)

Date: 2024-12-04

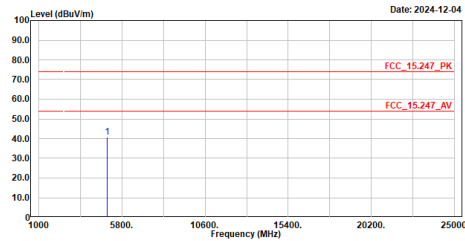


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	43.59	74.00	-30.41	50.40	-6.81	Peak

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.

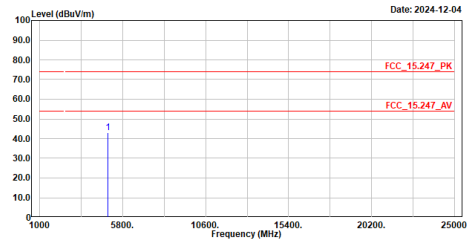
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	40.69	74.00	-33.31	47.20	-6.51	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.

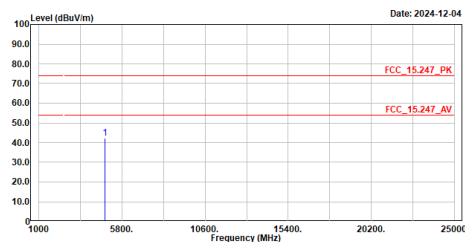
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	42.94	74.00	-31.06	49.45	-6.51	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.

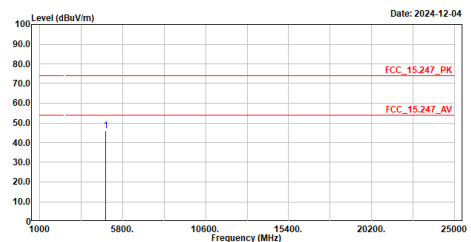
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	42.27	74.00	-31.73	49.41	-7.14	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.

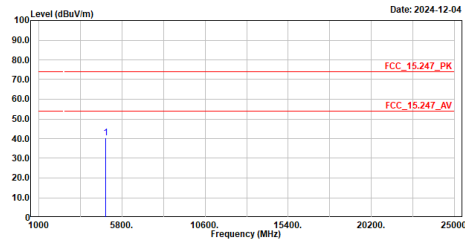
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	46.17	74.00	-27.83	53.31	-7.14	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-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2440MHz
Test by :Caster

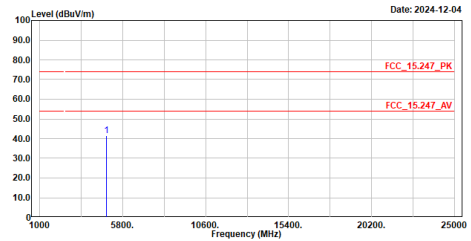


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	40.24	74.00	-33.76	47.05	-6.81	Peak

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-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2440MHz
Test by :Caster

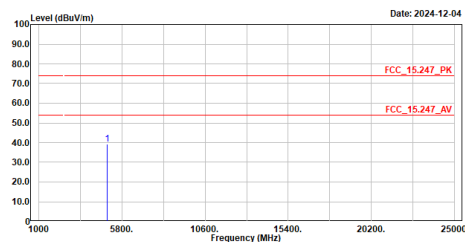


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	41.33	74.00	-32.67	48.14	-6.81	Peak

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-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2480MHz
Test by :Caster

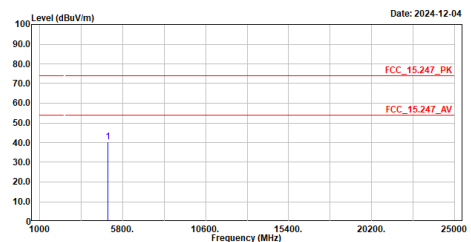


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	39.25	74.00	-34.75	45.76	-6.51	Peak

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.

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

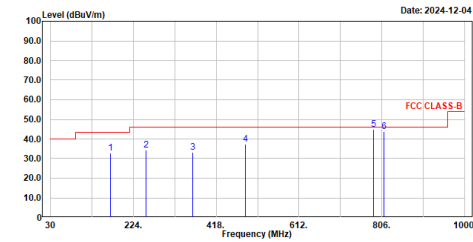


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	40.54	74.00	-33.46	47.05	-6.51	Peak

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.

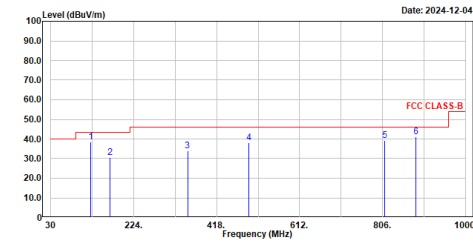
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2440MHz
Test by :Peter



No.	Frequency	Level	Limit	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	169.680	32.86	43.50	-10.64	56.92	-24.06	QP
2	254.070	34.44	46.00	-11.56	58.82	-24.38	QP
3	363.680	33.38	46.00	-12.62	54.56	-21.18	QP
4	486.870	37.21	46.00	-8.79	55.03	-17.82	QP
5	786.600	44.95	46.00	-1.05	57.10	-12.15	QP
6	810.850	43.76	46.00	-2.24	55.74	-11.98	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.

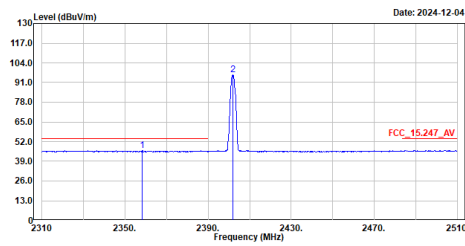
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2440MHz
Test by :Peter



No.	Frequency	Level	Limit	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	124.090	38.55	43.50	-4.95	64.19	-25.64	QP
2	168.710	30.38	43.50	-13.12	54.28	-23.90	QP
3	350.100	33.88	46.00	-12.12	55.38	-21.50	QP
4	492.690	38.03	46.00	-7.97	55.79	-17.76	QP
5	810.850	39.13	46.00	-6.87	51.11	-11.98	QP
6	884.570	40.99	46.00	-5.01	52.29	-11.30	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.

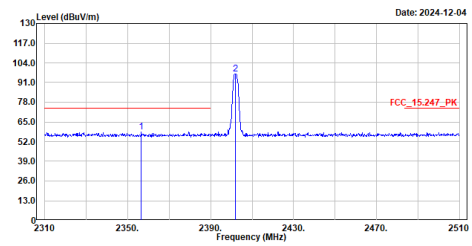
Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2358.400	46.05	54.00	-7.95	15.80	30.25	Average
2	2402.000	96.06	-----	-----	65.87	30.19	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.

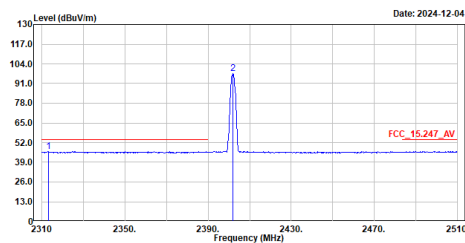
Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2356.600	58.47	74.00	-15.53	28.22	30.25	Peak
2	2401.800	96.67	-----	-----	66.48	30.19	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.

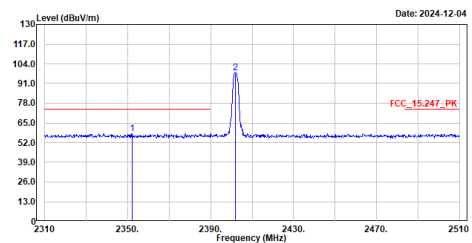
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2313.000	46.27	54.00	-7.73	16.07	30.20	Average
2	2402.000	97.41	-----	-----	67.22	30.19	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.

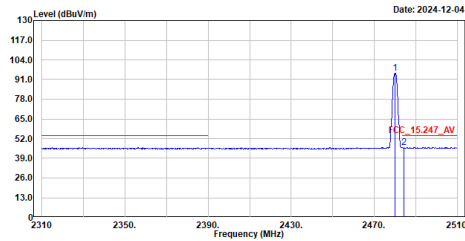
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2352.200	58.11	74.00	-15.89	27.87	30.24	Peak
2	2401.800	98.18	-----	-----	67.99	30.19	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.

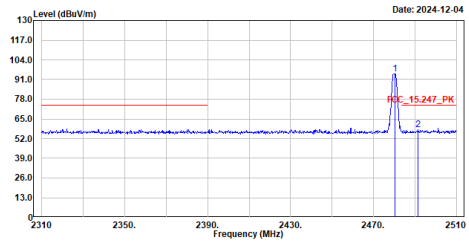
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2480.000	95.25	-----	-----	65.10	30.15	Average
2	2484.400	46.32	54.00	-7.68	16.13	30.19	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.

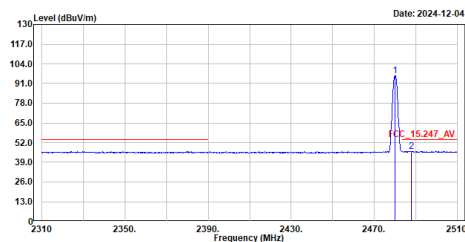
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2480.400	94.85	-----	-----	64.70	30.15	Peak
2	2491.600	58.08	74.00	-15.92	27.82	30.26	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.

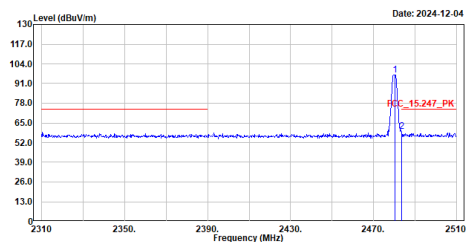
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2480.000	96.01	-----	-----	65.86	30.15	Average
2	2487.800	46.26	54.00	-7.74	16.02	30.24	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.

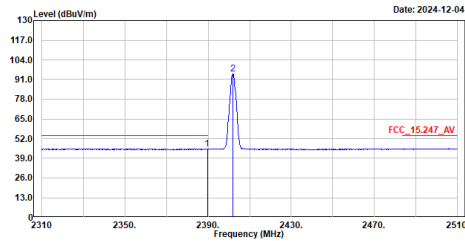
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2480.400	96.83	-----	-----	66.68	30.15	Peak
2	2483.600	59.24	74.00	-14.76	29.05	30.19	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.

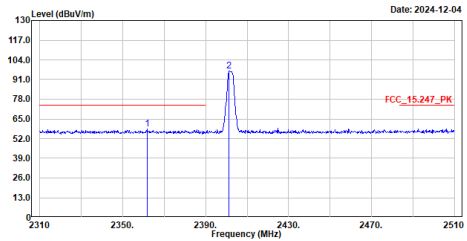
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2389.600	45.25	54.00	-8.75	14.97	30.28	Average
2	2402.000	94.68	-----	-----	64.49	30.19	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.

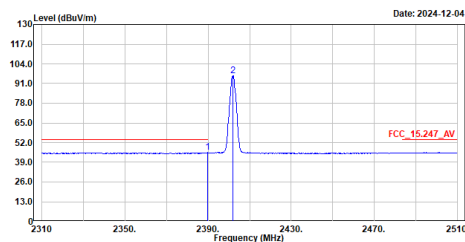
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2362.000	58.26	74.00	-15.74	28.03	30.23	Peak
2	2401.400	96.43	-----	-----	66.24	30.19	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.

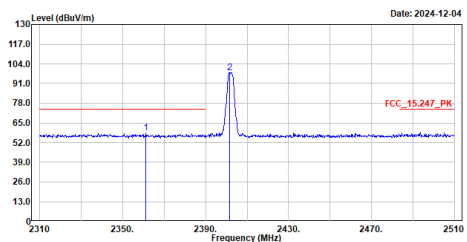
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2389.800	45.43	54.00	-8.57	15.15	30.28	Average
2	2402.000	96.33	-----	-----	66.14	30.19	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.

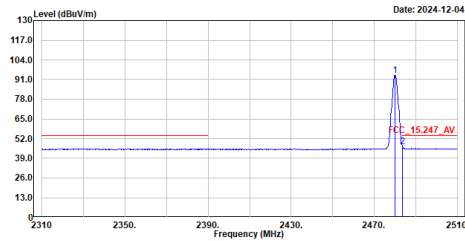
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2402MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2361.200	58.17	74.00	-15.83	27.93	30.24	Peak
2	2401.600	98.08	-----	-----	67.89	30.19	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.

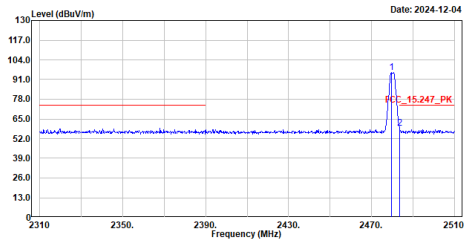
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	93.89	-----	-----	63.74	30.15	Average
2	2483.600	46.47	54.00	-7.53	16.28	30.19	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.

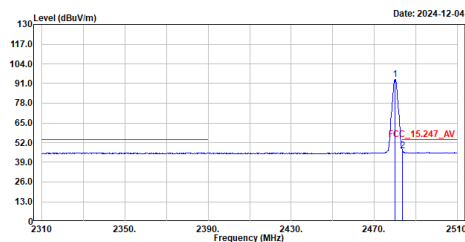
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE2M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2479.600	95.47	-----	-----	65.32	30.15	Peak
2	2483.600	58.85	74.00	-15.15	28.66	30.19	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.

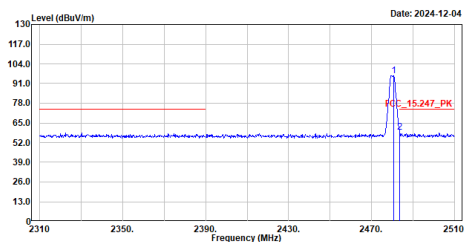
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE2M_2480MHz
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	93.77	-----	-----	63.62	30.15	Average
2	2483.600	46.54	54.00	-7.46	16.35	30.19	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.

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



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.600	96.06	-----	-----	65.90	30.16	Peak
2	2483.600	58.87	74.00	-15.13	28.68	30.19	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.