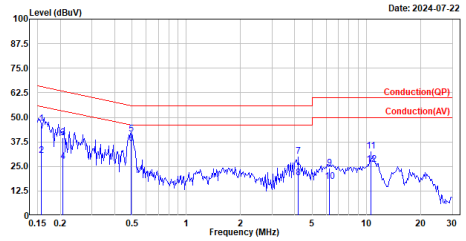
Appendix A. Test Result of AC Power Line Conducted Emission

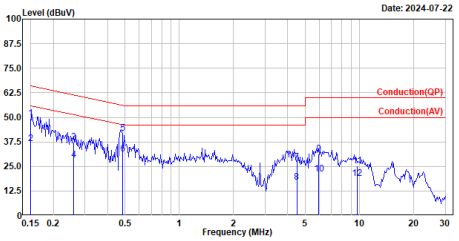
Site :HY-SR01
Condition :Line
Mode :TX_BLE1M_2440MHz
test by :Kevin



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.158	46.62	65.59	-18.97	36.94	9.68	QP
2	0.158	30.58	55.59	-25.01	20.90	9.68	Average
3	0.206	39.66	63.36	-23.70	29.98	9.68	QP
4	0.206	27.38	53.36	-25.98	17.70	9.68	Average
5	0.495	41.51	56.09	-14.58	31.83	9.68	QP
6	0.495	36.77	46.09	-9.32	27.09	9.68	Average
7	4.176	30.13	56.00	-25.87	19.57	10.56	QP
8	4.176	19.08	46.00	-26.92	8.52	10.56	Average
9	6.230	24.31	60.00	-35.69	13.48	10.83	QP
10	6.230	17.48	50.00	-32.52	6.65	10.83	Average
11	10.593	32.93	60.00	-27.07	22.14	10.79	QP
12	10.593	26.14	50.00	-23.86	15.35	10.79	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_BLE1M_2440MHz
test by :Kevin

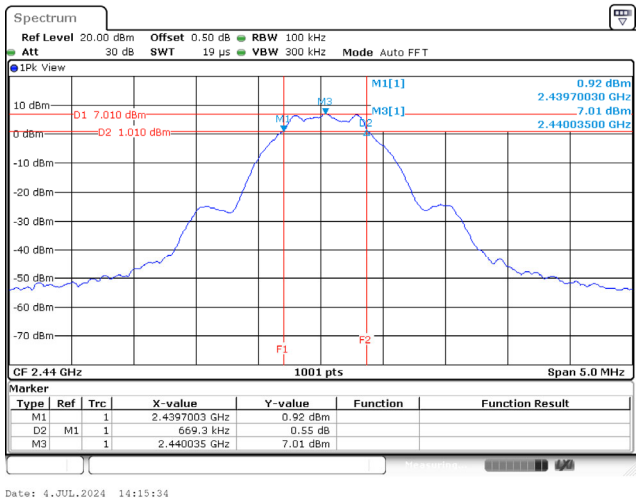


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.150	49.56	65.99	-16.43	39.90	9.66	QP
2	0.150	36.49	55.99	-19.50	26.83	9.66	Average
3	0.260	37.37	61.44	-24.07	27.71	9.66	QP
4	0.260	28.29	51.44	-23.15	18.63	9.66	Average
5	0.485	42.05	56.26	-14.21	32.39	9.66	QP
6	0.485	31.32	46.26	-14.94	21.66	9.66	Average
7	4.488	27.27	56.00	-28.73	16.62	10.65	QP
8	4.488	16.98	46.00	-29.02	6.33	10.65	Average
9	5.948	31.26	60.00	-28.74	20.44	10.82	QP
10	5.948	21.09	50.00	-28.91	10.27	10.82	Average
11	9.682	25.36	60.00	-34.64	14.57	10.79	QP
12	9.682	18.70	50.00	-31.30	7.91	10.79	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)	Measured Value (kHz)	Limit (kHz)	Result
GFSK (1 Mbps)	2402	679	>500	Pass
	2440	669	>500	Pass
	2480	669	>500	Pass

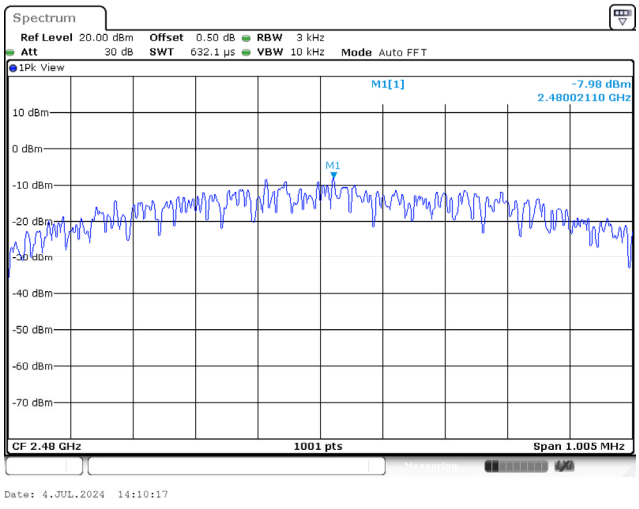
GFSK (1 Mbps) / 2440 MHz	--
	--

Appendix C. Test Result of Maximum Conducted Output Power

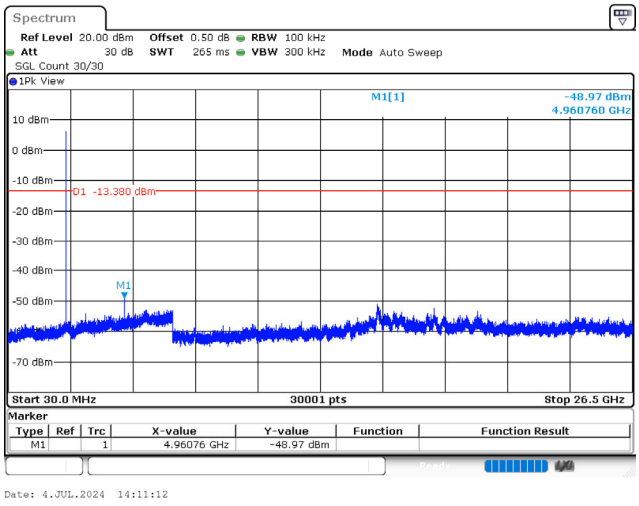
Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK (1 Mbps)	2402	7.98	30.00	Pass
	2440	7.99	30.00	Pass
	2480	7.84	30.00	Pass

Appendix D. Test Result of Power Spectral Density

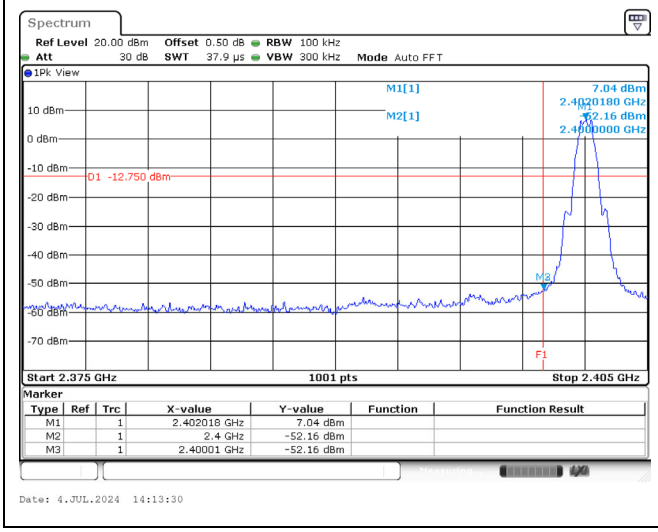
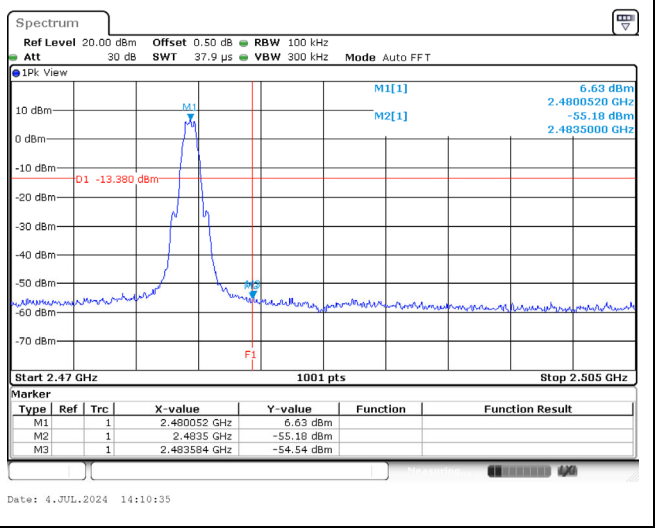
Modulation	Frequency (MHz)	Measure Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (1 Mbps)	2402	-8.14	8.00	Pass
	2440	-8.56	8.00	Pass
	2480	-7.98	8.00	Pass

GFSK (1 Mbps) / 2480 MHz	--
	--

Appendix E. Test Result of Antenna Port Conducted Emission

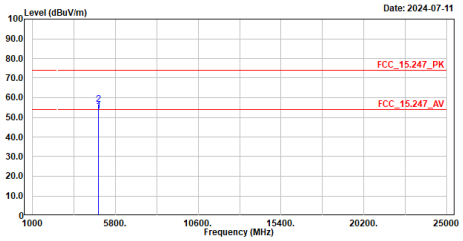
GFSK (1 Mbps) / 2480 MHz	--
	--

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

GFSK (1 Mbps) / 2402 MHz	GFSK (1 Mbps) / 2480 MHz
	

Appendix F. Test Result of Radiated Emission

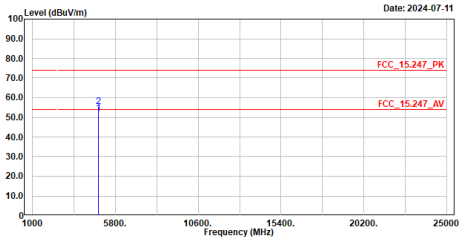
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	53.19	54.00	-0.81	60.33	-7.14	Average
2	4804.000	56.50	74.00	-17.50	63.64	-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.

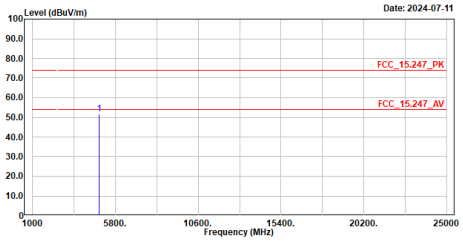
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	52.23	54.00	-1.77	59.37	-7.14	Average
2	4804.000	55.50	74.00	-18.50	62.64	-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.

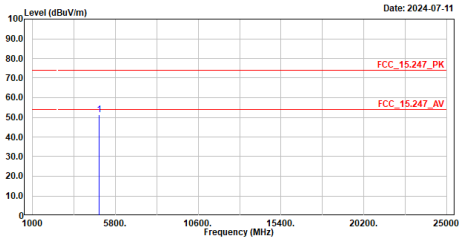
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	51.81	74.00	-22.19	58.62	-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.

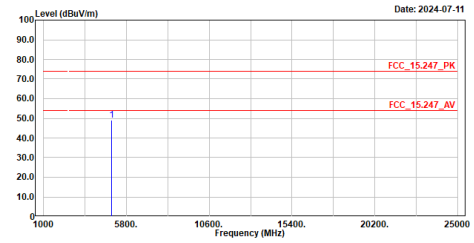
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	51.19	74.00	-22.81	58.00	-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.

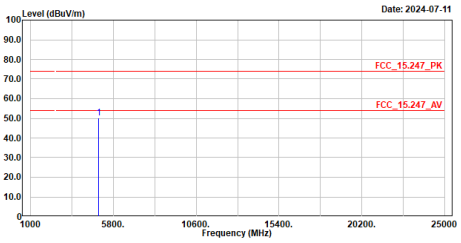
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2480MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	49.22	74.00	-24.78	55.73	-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.

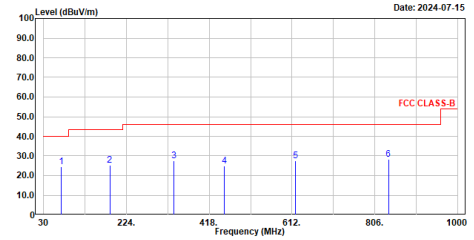
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2480MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	50.18	74.00	-23.82	56.69	-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.

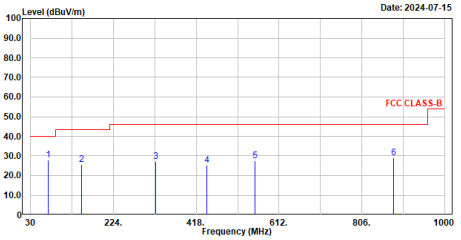
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_BLE1M_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	71.031	24.48	40.00	-15.52	50.62	-26.14	QP
2	185.103	25.27	43.50	-18.23	50.83	-25.56	QP
3	335.550	27.62	46.00	-18.38	49.16	-21.54	QP
4	453.405	24.99	46.00	-21.01	43.33	-18.34	QP
5	619.760	27.69	46.00	-18.31	42.62	-14.93	QP
6	838.010	28.32	46.00	-17.68	39.99	-11.67	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.

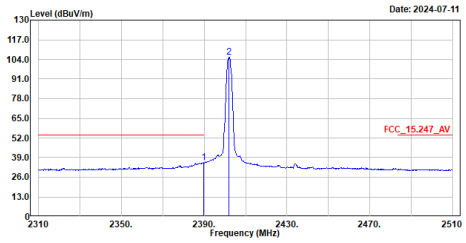
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_BLE1M_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	71.613	28.09	40.00	-11.91	54.29	-26.20	QP
2	149.213	25.72	43.50	-17.78	49.23	-23.51	QP
3	322.552	27.15	46.00	-18.85	49.04	-21.89	QP
4	442.832	25.44	46.00	-20.56	44.01	-18.57	QP
5	555.643	27.57	46.00	-18.43	44.01	-16.44	QP
6	880.884	29.24	46.00	-16.76	40.69	-11.45	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.

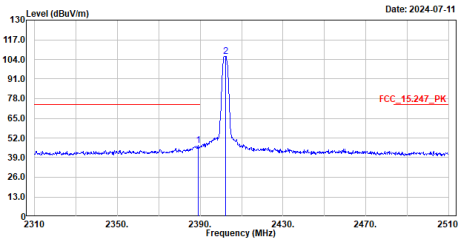
Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2389.800	35.84	54.00	-18.16	29.75	6.09	Average
2	2402.000	105.64	------	------	99.64	6.00	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.

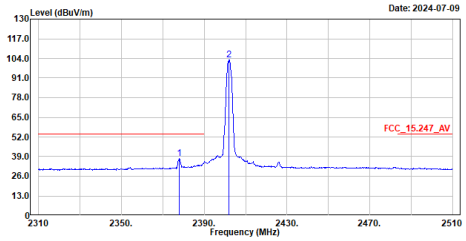
Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2389.200	46.96	74.00	-27.04	40.87	6.09	Peak
2	2402.200	106.17	------	------	100.17	6.00	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.

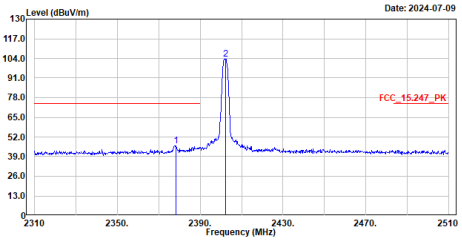
Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE1M_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2378.000	37.70	54.00	-16.30	31.64	6.06	Average
2	2402.000	103.08	------	------	97.08	6.00	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.

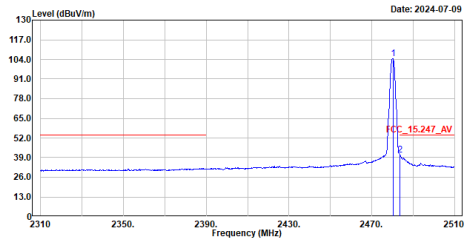
Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE1M_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2378.200	46.30	74.00	-27.70	40.24	6.06	Peak
2	2402.400	103.70	------	------	97.70	6.00	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.

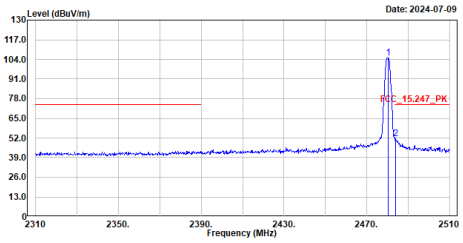
Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2480MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	104.32	------	------	98.38	5.94	Average
2	2483.600	40.48	54.00	-13.52	34.50	5.98	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.

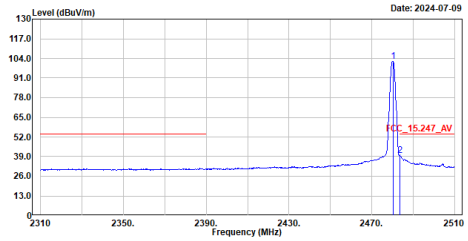
Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_BLE1M_2480MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.400	104.89	------	------	98.95	5.94	Peak
2	2484.000	51.49	74.00	-22.51	45.51	5.98	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.

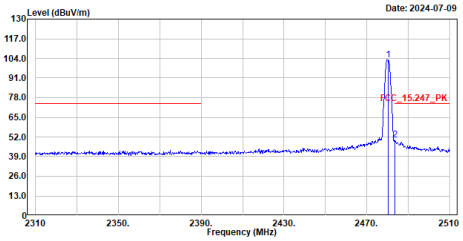
Site :HY-CB02
Condition :3m ,Vertical
mode :TX_BLE1M_2480MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	102.19	------	------	96.25	5.94	Average
2	2483.600	39.61	54.00	-14.39	33.63	5.98	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 :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	102.90	------	------	96.96	5.94	Peak
2	2483.600	50.19	74.00	-23.81	44.21	5.98	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.