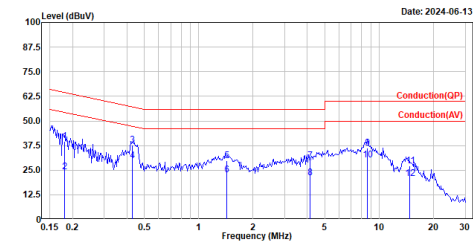


Appendix A. Test Result of AC Power Line Conducted Emission

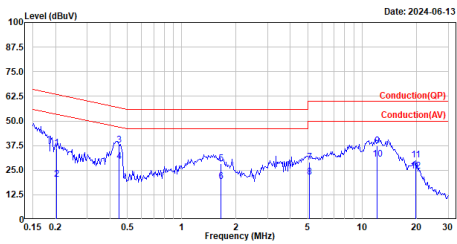
Site :HY-SR01
Condition :Line
Mode :ble2M_2440MHz_TX
test by :Shane



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.182	39.81	64.41	-24.60	30.13	9.68	QP
2	0.182	24.16	54.41	-30.25	14.48	9.68	Average
3	0.430	37.82	57.24	-19.42	28.14	9.68	QP
4	0.430	29.87	47.24	-17.37	20.19	9.68	Average
5	1.434	29.97	56.00	-26.03	20.20	9.77	QP
6	1.434	22.67	46.00	-23.33	12.90	9.77	Average
7	4.131	29.87	56.00	-26.13	19.33	10.54	QP
8	4.131	21.02	46.00	-24.98	10.48	10.54	Average
9	8.615	36.38	60.00	-23.62	25.57	10.81	QP
10	8.615	30.10	50.00	-19.90	19.29	10.81	Average
11	14.884	27.13	60.00	-32.87	16.34	10.79	QP
12	14.884	20.62	50.00	-29.38	9.83	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 :ble2M_2440MHz_TX
test by :Shane

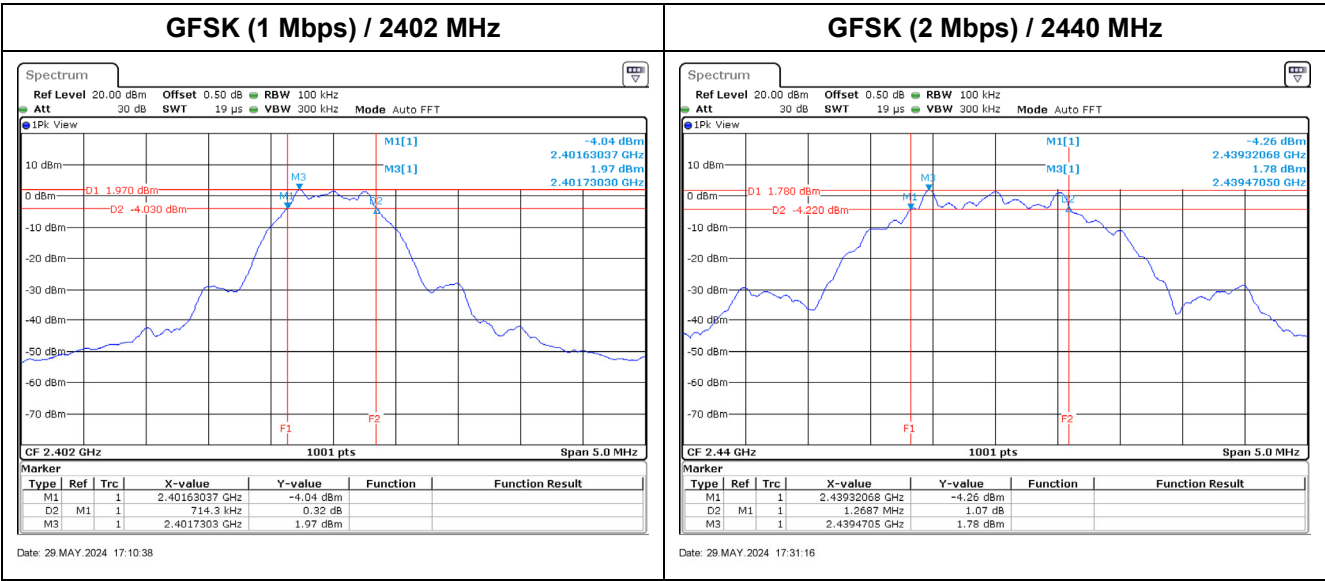


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.202	36.35	63.52	-27.17	26.69	9.66	QP
2	0.202	20.28	53.52	-33.24	10.62	9.66	Average
3	0.448	37.75	56.91	-19.16	28.09	9.66	QP
4	0.448	29.61	46.91	-17.30	19.95	9.66	Average
5	1.653	28.24	56.00	-27.76	18.47	9.77	QP
6	1.653	19.18	46.00	-26.82	9.41	9.77	Average
7	5.111	29.02	60.00	-30.98	18.20	10.82	QP
8	5.111	21.45	50.00	-28.55	10.63	10.82	Average
9	12.131	37.50	60.00	-22.50	26.69	10.81	QP
10	12.131	30.42	50.00	-19.58	19.61	10.81	Average
11	19.710	30.11	60.00	-29.89	19.34	10.77	QP
12	19.710	24.58	50.00	-25.42	13.81	10.77	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	714	>500	Pass
	2440	714	>500	Pass
	2480	719	>500	Pass
GFSK (2 Mbps)	2402	1274	>500	Pass
	2440	1269	>500	Pass
	2480	1269	>500	Pass

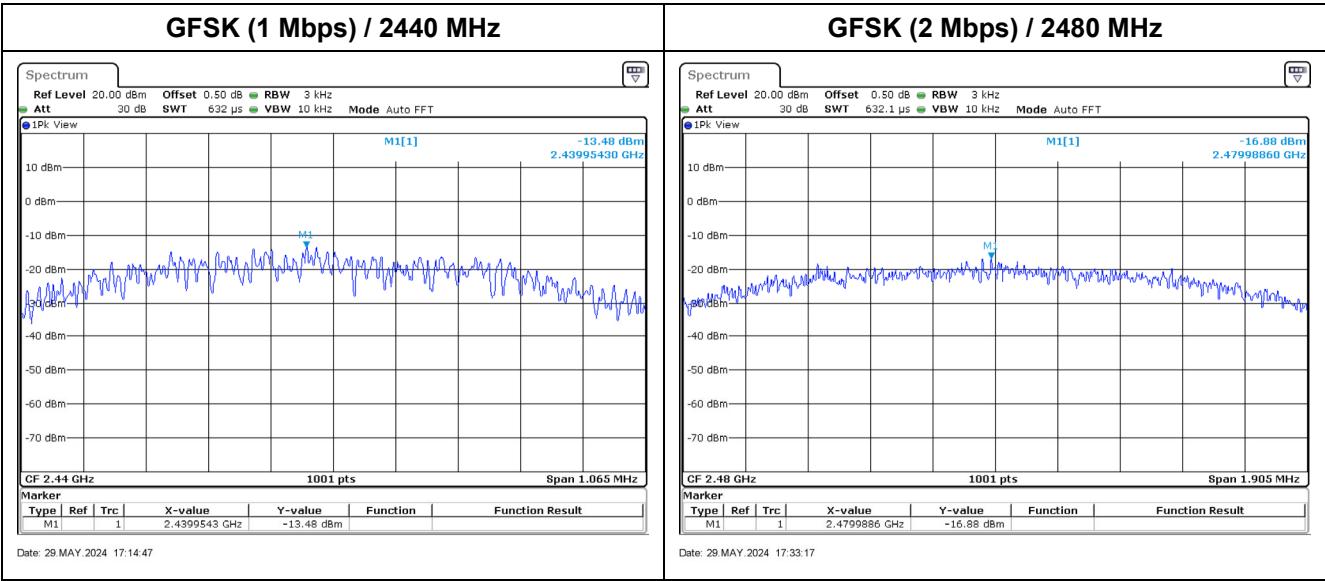


Appendix C. Test Result of Maximum Conducted Output Power

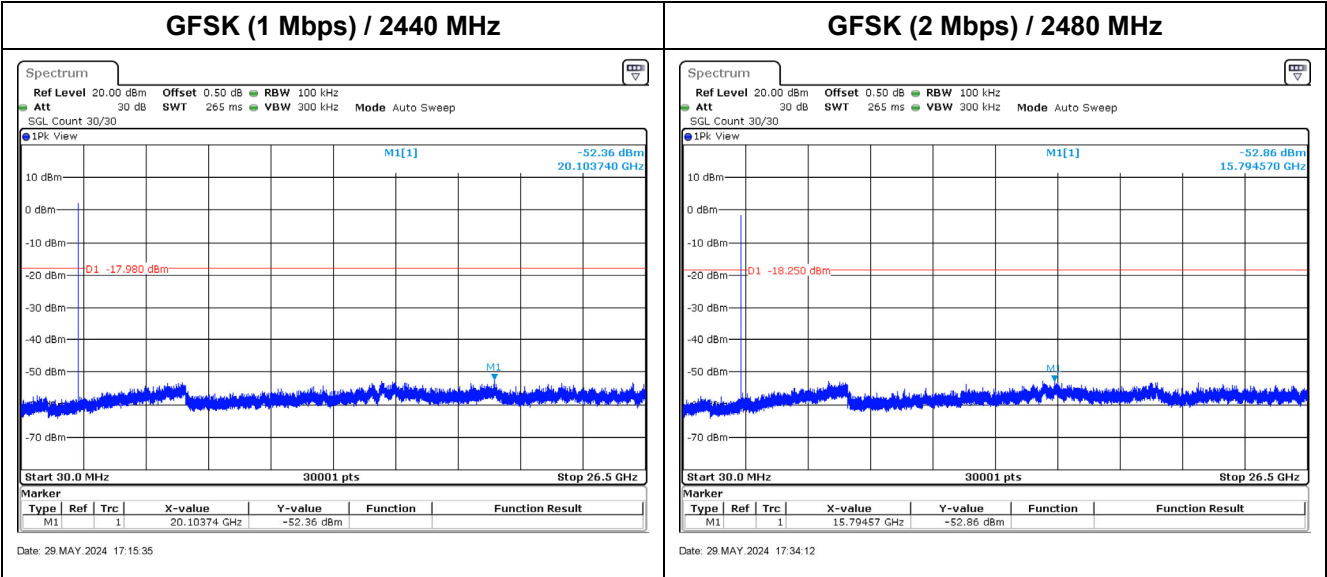
Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK (1 Mbps)	2402	2.07	30.00	Pass
	2440	2.14	30.00	Pass
	2480	2.10	30.00	Pass
GFSK (2 Mbps)	2402	2.08	30.00	Pass
	2440	2.15	30.00	Pass
	2480	2.11	30.00	Pass

Appendix D. Test Result of Power Spectral Density

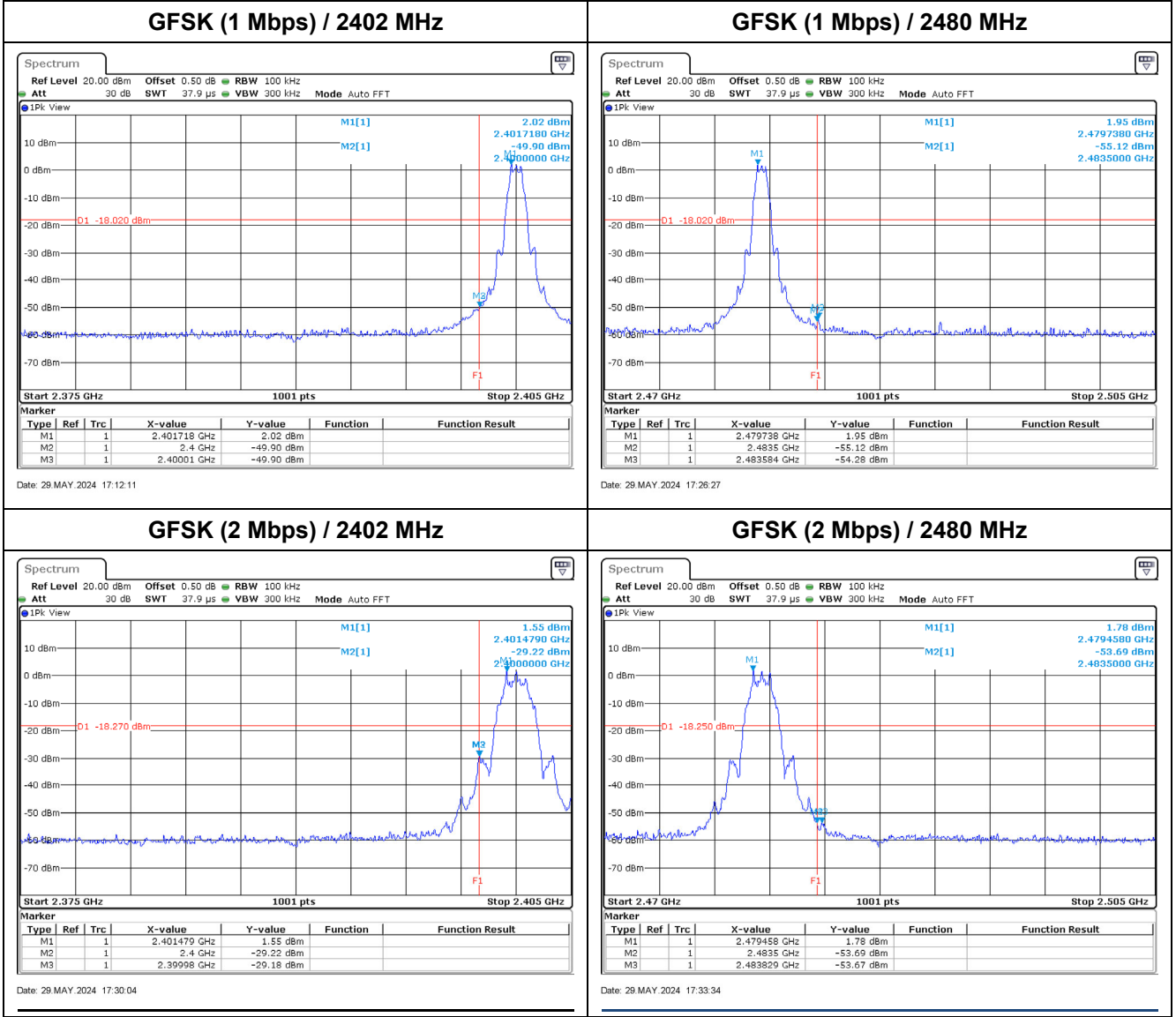
Modulation	Frequency (MHz)	Measure Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (1 Mbps)	2402	-13.50	8.00	Pass
	2440	-13.48	8.00	Pass
	2480	-13.53	8.00	Pass
GFSK (2 Mbps)	2402	-16.94	8.00	Pass
	2440	-17.02	8.00	Pass
	2480	-16.88	8.00	Pass



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



Appendix F. Test Result of Radiated Emission

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble1M_2402MHz
Test BY :Caster

Level (dBuV/m)

Date: 2024-06-04

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4884.000	39.95	74.00	-34.05	54.77	-14.82	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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble1M_2402MHz
Test BY :Caster

Level (dBuV/m)

Date: 2024-06-04

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4884.000	41.35	74.00	-32.65	56.17	-14.82	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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble1M_2440MHz
Test BY :Caster

Level (dBuV/m)

Date: 2024-06-04

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4880.000	40.22	74.00	-33.78	54.79	-14.57	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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble1M_2440MHz
Test BY :Caster

Level (dBuV/m)

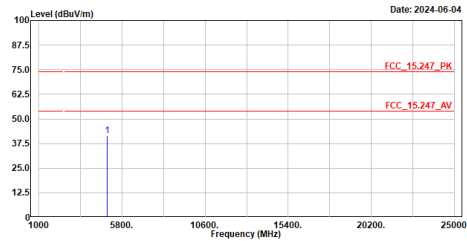
Date: 2024-06-04

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4880.000	41.90	74.00	-32.10	56.47	-14.57	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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble1M_2480MHz
Test BY :Caster

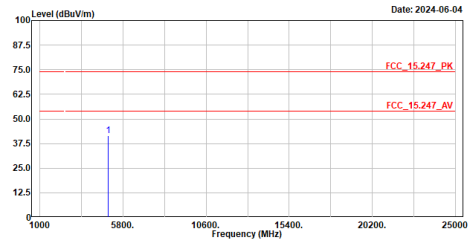


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	41.46	74.00	-32.54	55.78	-14.32	Peak

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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble1M_2480MHz
Test BY :Caster

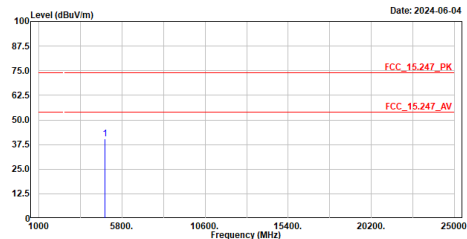


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	41.50	74.00	-32.50	55.82	-14.32	Peak

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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble2M_2482MHz
Test BY :Caster

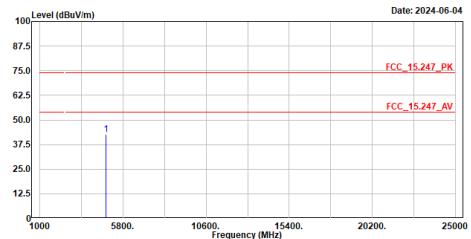


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4884.000	40.23	74.00	-33.77	55.05	-14.82	Peak

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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2482MHz
Test BY :Caster

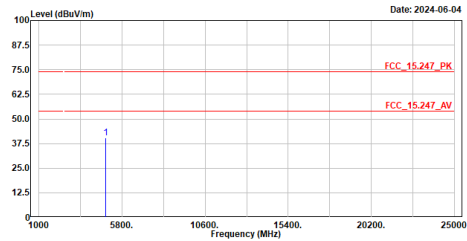


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4884.000	42.49	74.00	-31.51	57.31	-14.82	Peak

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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble2M_2440MHz
Test BY :Caster

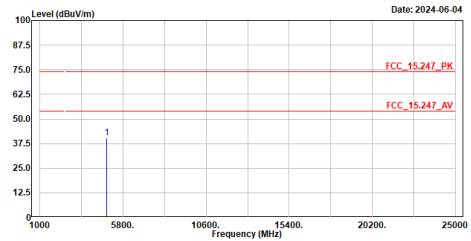


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	40.26	74.00	-33.74	54.83	-14.57	Peak

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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2440MHz
Test BY :Caster

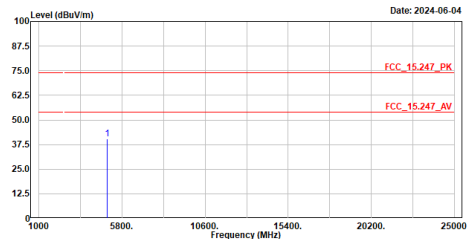


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	40.32	74.00	-33.68	54.89	-14.57	Peak

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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble2M_2480MHz
Test BY :Caster

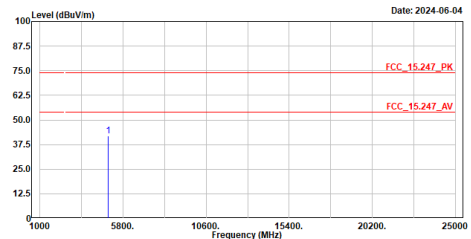


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	40.42	74.00	-33.58	54.74	-14.32	Peak

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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2480MHz
Test BY :Caster

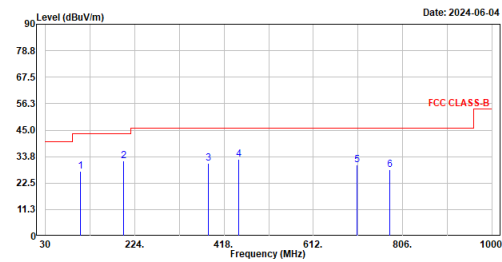


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	41.96	74.00	-32.04	56.28	-14.32	Peak

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-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble2M_2440MHz
Test BY :Peter

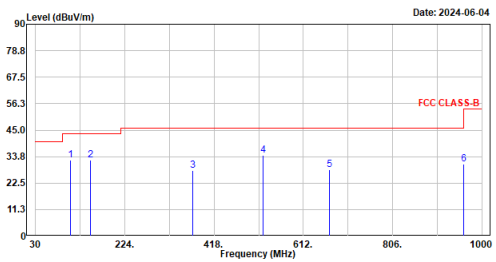


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	106.630	27.35	43.50	-16.15	54.67	-27.32	QP
2	199.750	32.00	43.50	-11.50	58.71	-26.71	QP
3	384.050	30.78	46.00	-15.22	51.33	-20.55	QP
4	450.010	32.53	46.00	-13.47	51.30	-18.77	QP
5	706.090	30.12	46.00	-15.88	44.05	-13.93	QP
6	777.870	28.31	46.00	-17.69	40.95	-12.64	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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2440MHz
Test BY :Peter

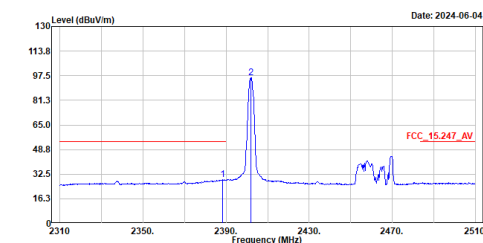


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	106.630	32.26	43.50	-11.24	59.58	-27.32	QP
2	149.310	32.15	43.50	-11.35	56.04	-23.89	QP
3	371.440	27.93	46.00	-18.07	49.00	-21.07	QP
4	524.700	34.39	46.00	-11.61	51.92	-17.53	QP
5	668.260	28.29	46.00	-17.71	42.88	-14.59	QP
6	960.230	30.45	54.00	-23.55	41.25	-10.80	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-CB01
Condition :3m ,Horizontal
Mode :TX_ble1M_2402MHz
Test BY :Caster

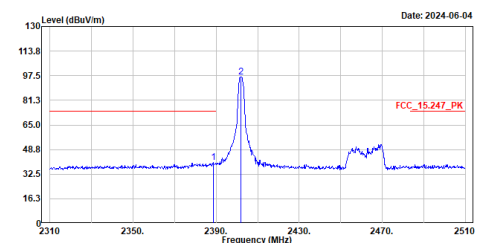


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2388.200	28.85	54.00	-25.15	22.98	5.87	Average
2	2402.000	96.10	-----	-----	90.30	5.80	Average

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-CB01
Condition :3m ,Horizontal
Mode :TX_ble1M_2402MHz
Test BY :Caster

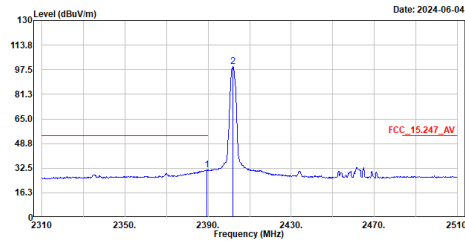


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2388.600	40.41	74.00	-33.59	34.53	5.88	Peak
2	2401.800	96.66	-----	-----	90.86	5.80	Peak

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.

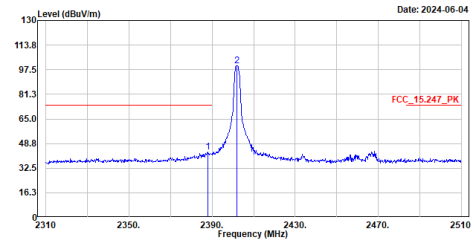
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_ble1M_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2389.400	31.22	54.00	-22.78	25.34	5.88	Average
2	2402.000	99.47	-----	-----	93.67	5.80	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.

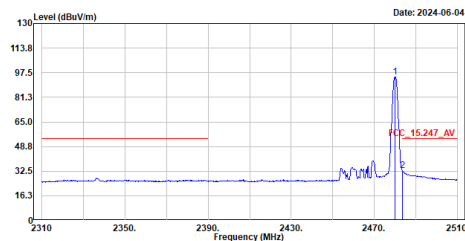
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_ble1M_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2388.000	43.14	74.00	-30.86	37.27	5.87	Peak
2	2401.800	100.01	-----	-----	94.21	5.80	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.

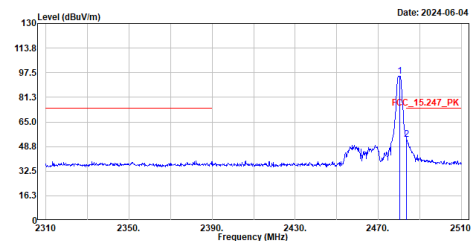
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ble1M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	94.74	-----	-----	89.02	5.72	Average
2	2483.600	32.64	54.00	-21.36	26.92	5.72	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.

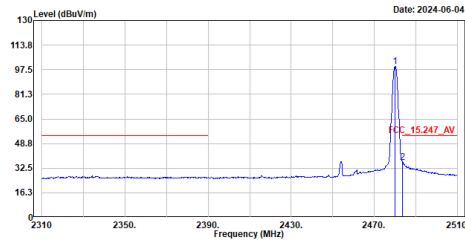
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ble1M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.400	95.36	-----	-----	89.64	5.72	Peak
2	2483.600	53.48	74.00	-20.52	47.76	5.72	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.

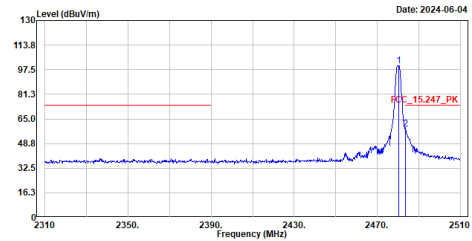
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_b1e1M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	99.52	-----	-----	93.80	5.72	Average
2	2483.600	36.31	54.00	-17.69	30.59	5.72	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.

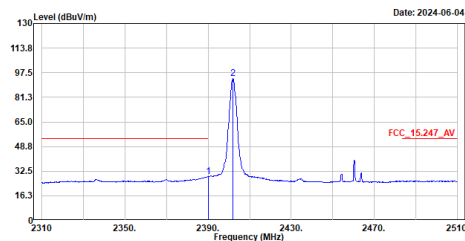
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_b1e1M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.400	100.09	-----	-----	94.37	5.72	Peak
2	2483.600	58.42	74.00	-15.58	52.70	5.72	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.

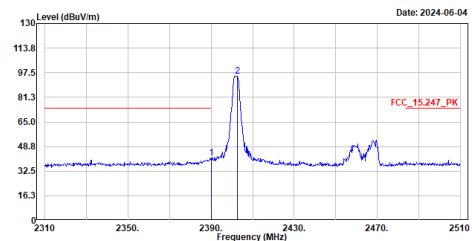
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_b1e2M_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2390.000	28.91	54.00	-25.09	23.02	5.89	Average
2	2402.000	93.50	-----	-----	87.70	5.80	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.

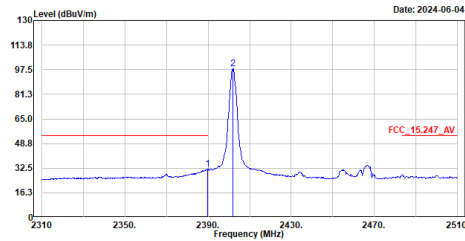
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_b1e2M_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2390.000	41.34	74.00	-32.66	35.45	5.89	Peak
2	2402.600	95.33	-----	-----	89.52	5.81	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.

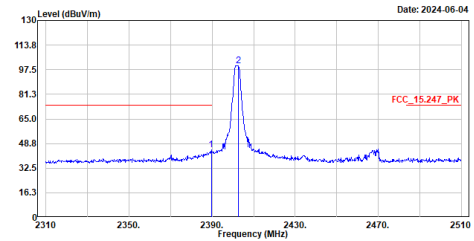
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2389.800	31.76	54.00	-22.24	25.87	5.89	Average
2	2401.800	98.14	-----	-----	92.34	5.80	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.

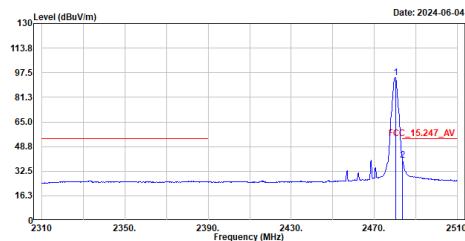
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2402MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2389.600	44.45	74.00	-29.55	38.56	5.89	Peak
2	2402.600	100.16	-----	-----	94.35	5.81	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.

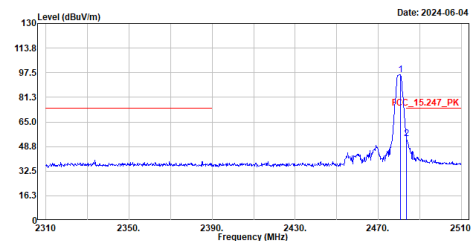
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble2M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.200	94.20	-----	-----	88.48	5.72	Average
2	2483.600	39.95	54.00	-14.05	34.23	5.72	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.

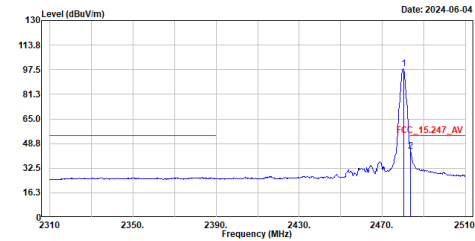
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_ble2M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.600	96.12	-----	-----	90.40	5.72	Peak
2	2483.600	54.14	74.00	-19.86	48.42	5.72	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.

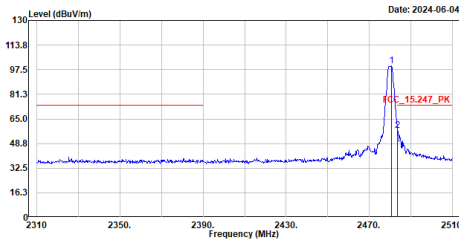
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	97.88	-----	-----	92.16	5.72	Average
2	2483.600	43.46	54.00	-10.54	37.74	5.72	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-CB01
Condition :3m ,VERTICAL
Mode :TX_ble2M_2480MHz
Test BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.600	99.83	-----	-----	94.11	5.72	Peak
2	2483.600	57.47	74.00	-16.53	51.75	5.72	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.