

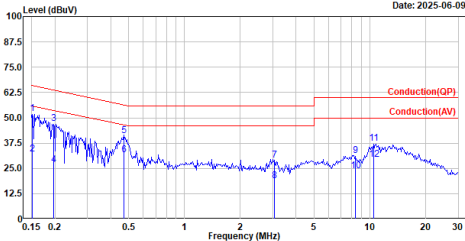
Appendix A. Test Result of AC Power Line Conducted Emission

TX_BLE2M_2440MHz_Line

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

Level (dBuV)

Date: 2025-06-09



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.151	51.98	65.92	-13.94	42.34	9.64	QP
2	0.151	32.22	55.92	-23.70	22.58	9.64	Average
3	0.197	46.98	63.73	-16.75	37.34	9.64	QP
4	0.197	26.82	53.73	-26.91	17.18	9.64	Average
5	0.470	41.03	56.51	-15.48	31.38	9.65	QP
6	0.470	31.83	46.51	-14.68	22.18	9.65	Average
7	3.059	29.21	56.00	-26.79	19.28	9.93	QP
8	3.059	18.70	46.00	-27.30	8.77	9.93	Average
9	8.338	31.46	60.00	-28.54	21.26	10.20	QP
10	8.338	23.71	50.00	-26.29	13.51	10.20	Average
11	10.494	37.19	60.00	-22.81	26.99	10.20	QP
12	10.494	29.30	50.00	-20.70	19.10	10.20	Average

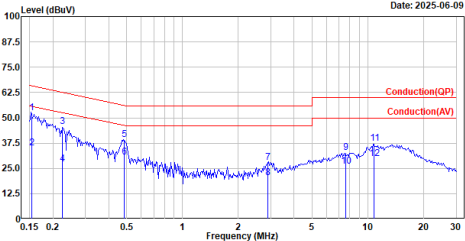
Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

TX_BLE2M_2440MHz_Neutral

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

Level (dBuV)

Date: 2025-06-09

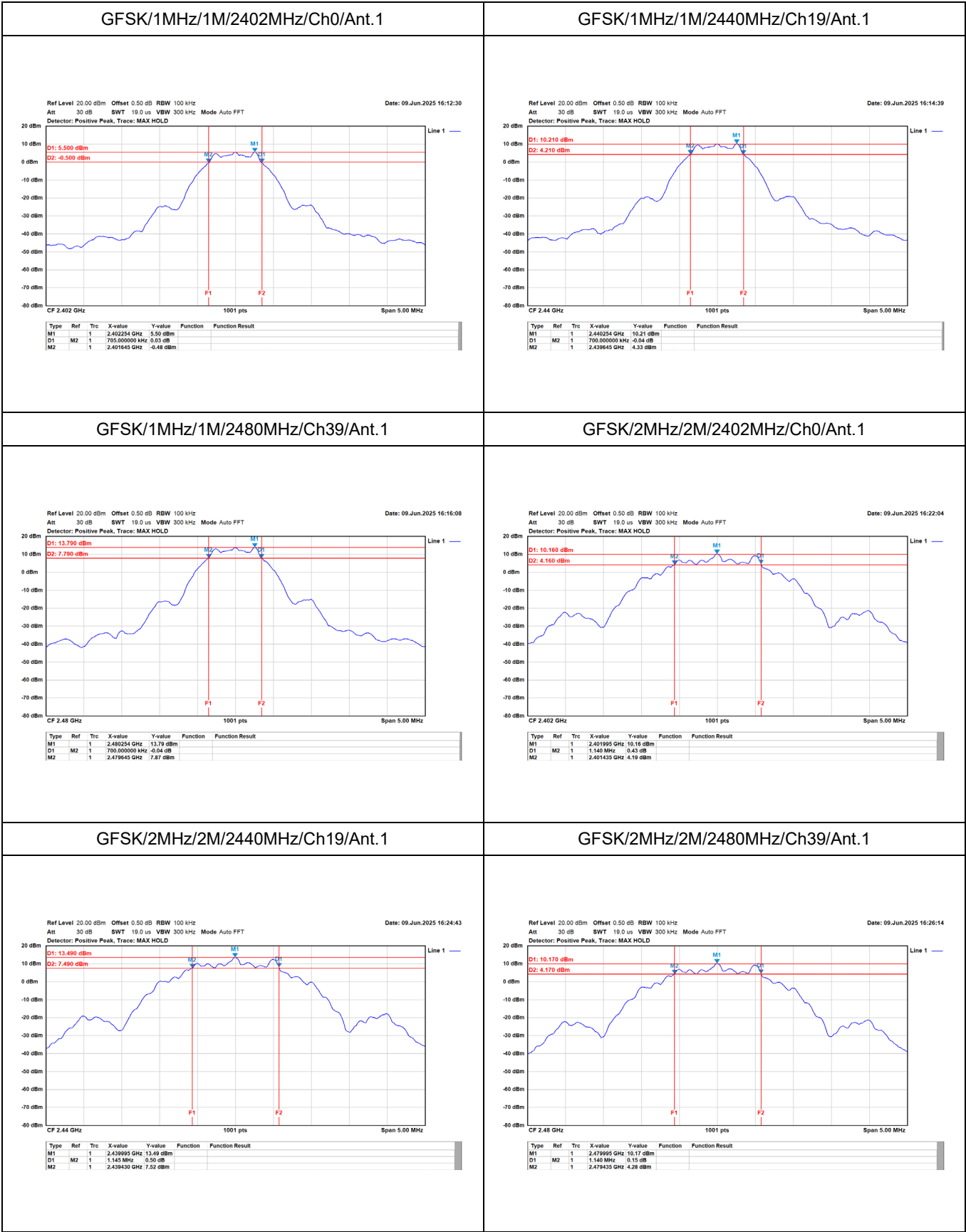


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.154	52.48	65.75	-13.27	42.86	9.62	QP
2	0.154	35.10	55.75	-20.65	25.48	9.62	Average
3	0.226	45.62	62.60	-16.98	36.00	9.62	QP
4	0.226	27.02	52.60	-25.58	17.40	9.62	Average
5	0.485	39.29	56.25	-16.96	29.66	9.63	QP
6	0.485	30.43	46.25	-15.82	20.00	9.63	Average
7	2.883	27.91	56.00	-28.09	18.03	9.88	QP
8	2.883	20.37	46.00	-25.63	10.49	9.88	Average
9	7.573	33.00	60.00	-27.00	22.84	10.16	QP
10	7.573	26.11	50.00	-23.89	15.95	10.16	Average
11	10.840	37.52	60.00	-22.48	27.37	10.15	QP
12	10.840	29.72	50.00	-20.28	19.57	10.15	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	0.71	0.50	Pass
	2440	0.70	0.50	Pass
	2480	0.70	0.50	Pass
GFSK (2Mbps)	2402	1.14	0.50	Pass
	2440	1.15	0.50	Pass
	2480	1.14	0.50	Pass



Appendix C. Test Result of Maximum Peak Conducted Output Power

Average

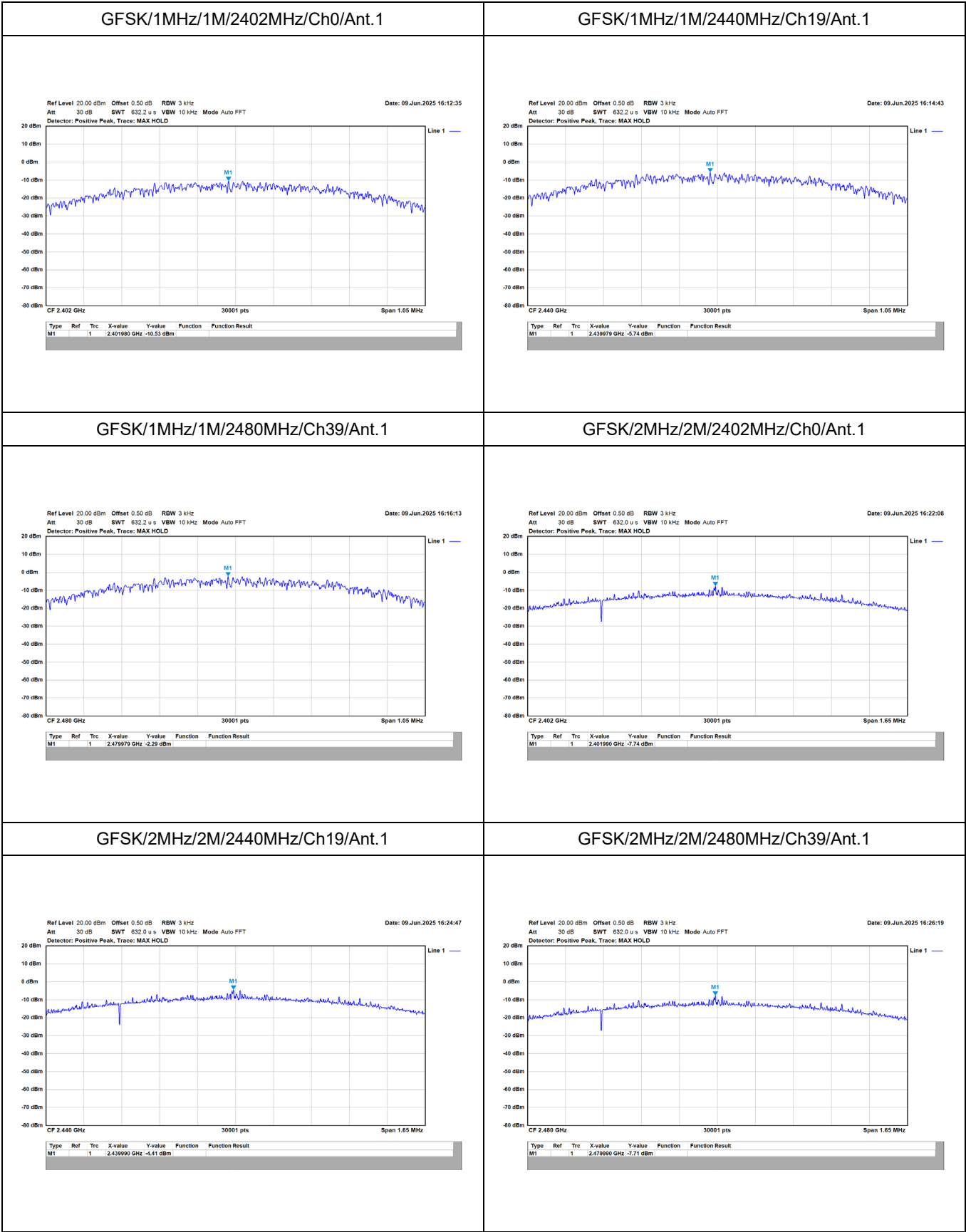
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
GFSK (1Mbps)	2402	5.64	30.00	Pass
	2440	11.18	30.00	Pass
	2480	13.99	30.00	Pass
GFSK (2Mbps)	2402	10.34	30.00	Pass
	2440	14.55	30.00	Pass
	2480	10.48	30.00	Pass

Peak

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
GFSK (1Mbps)	2402	5.97	30.00	Pass
	2440	11.28	30.00	Pass
	2480	14.11	30.00	Pass
GFSK (2Mbps)	2402	10.46	30.00	Pass
	2440	14.70	30.00	Pass
	2480	10.60	30.00	Pass

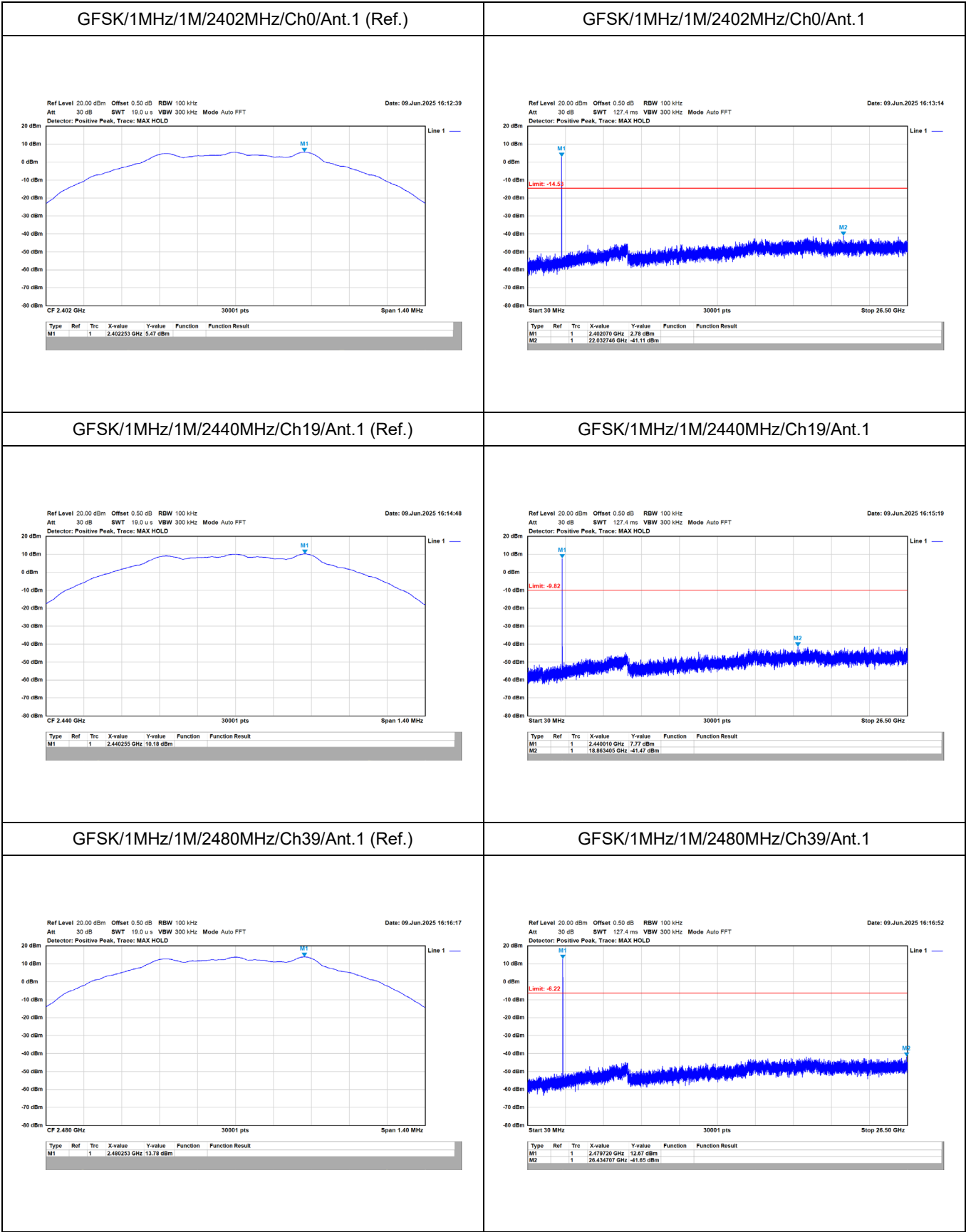
Appendix D. Test Result of Power Spectral Density

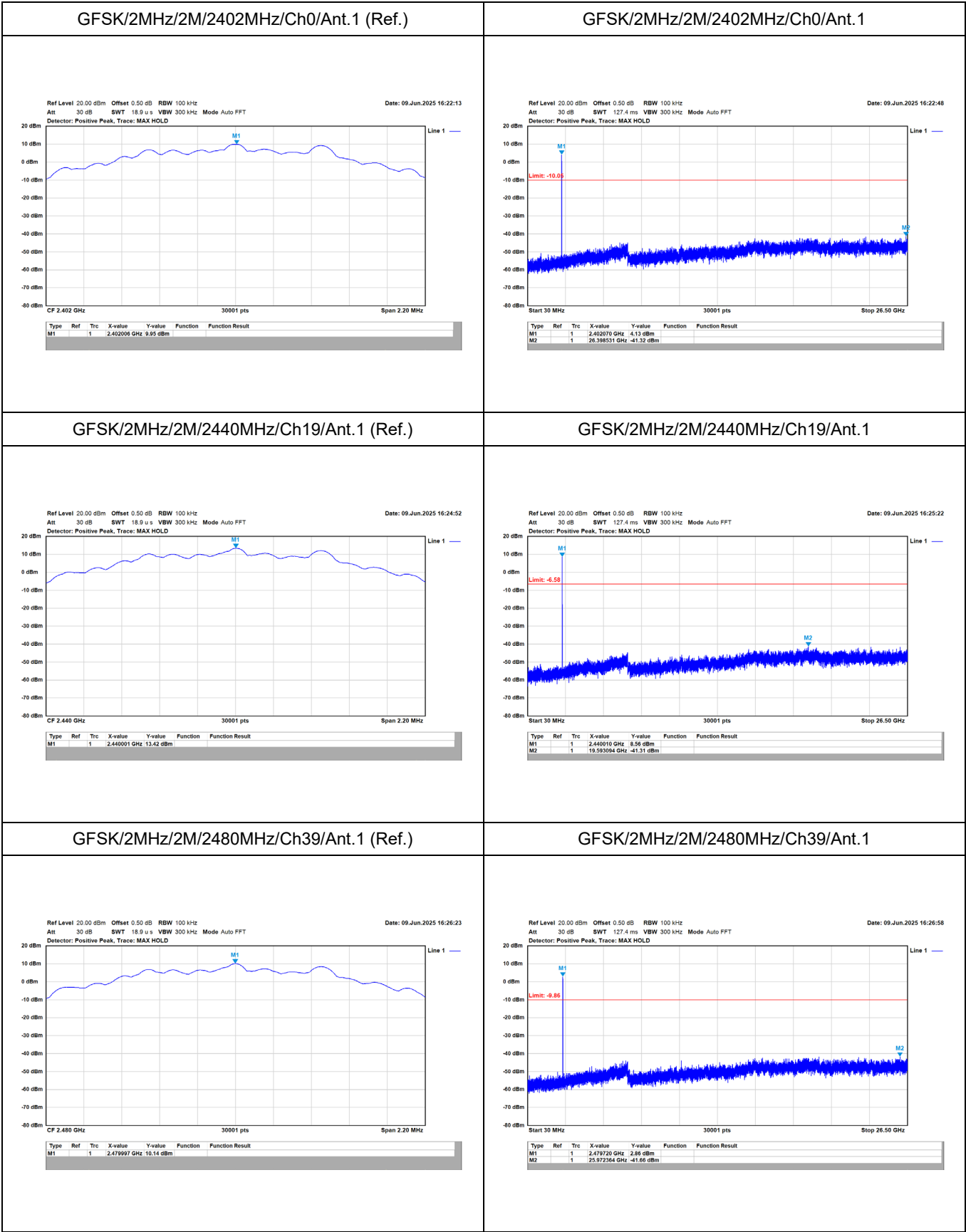
Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
		Ant. 1		
GFSK (1Mbps)	2402	-10.53	8.00	Pass
	2440	-5.74	8.00	Pass
	2480	-2.29	8.00	Pass
GFSK (2Mbps)	2402	-7.74	8.00	Pass
	2440	-4.41	8.00	Pass
	2480	-7.71	8.00	Pass



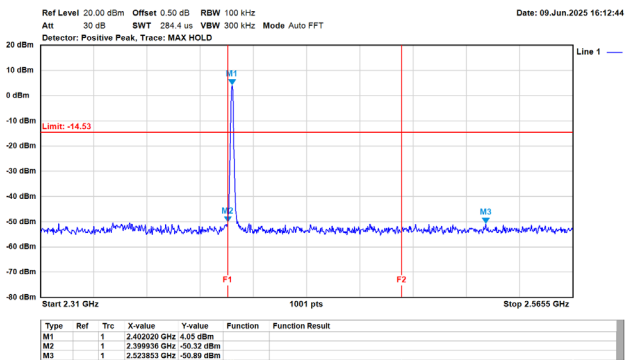
Appendix E. Test Result of Antenna Port Conducted Emission

Modulation	Measurement Level Δ (dB)	Result
GFSK (1 Mbps)	> 20	PASS
GFSK (2 Mbps)	> 20	PASS

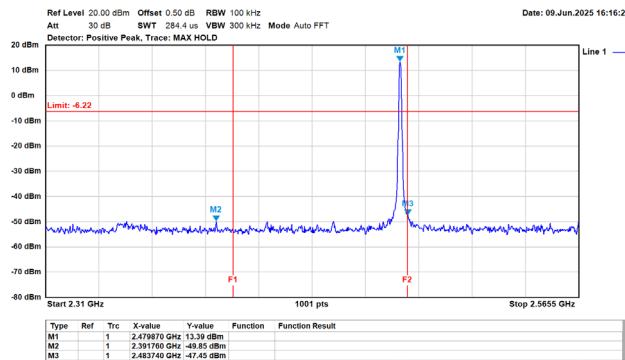




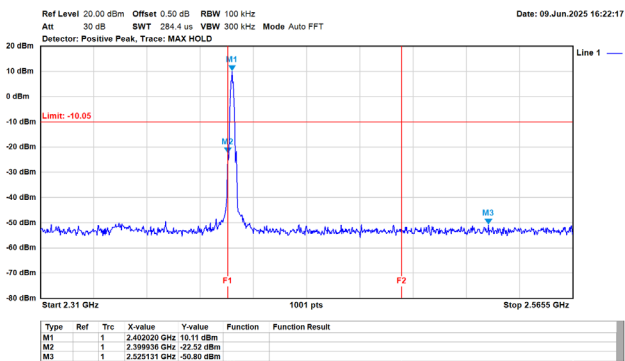
GFSK/1MHz/1M/2402MHz/Ch0/Ant.1(Band Edge)



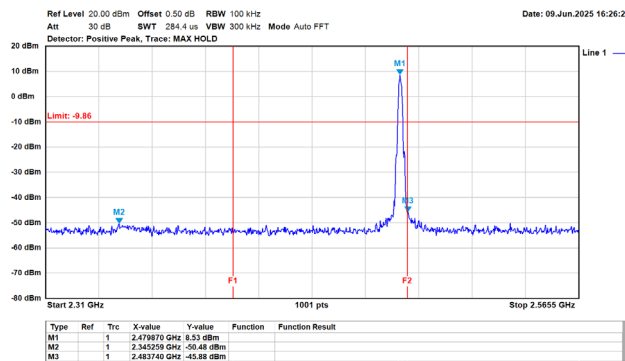
GFSK/1MHz/1M/2480MHz/Ch39/Ant.1(Band Edge)



GFSK/2MHz/2M/2402MHz/Ch0/Ant.1(Band Edge)



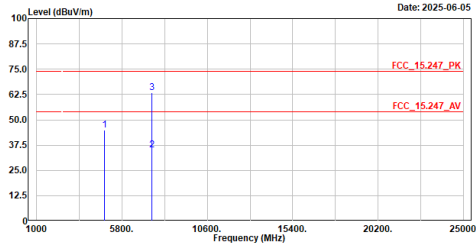
GFSK/2MHz/2M/2480MHz/Ch39/Ant.1(Band Edge)



Appendix F. Test Result of Radiated Emission

TX_BLE1M_2402MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE1M_2402MHz
TEST BY :Caster



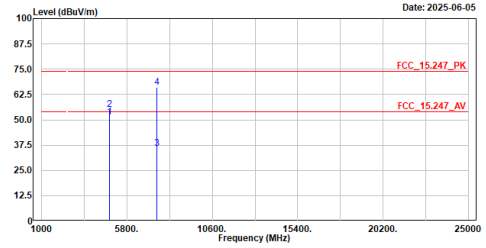
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	45.08	74.00	-28.92	60.17	-15.09	Peak
2	7488.900	35.13	54.00	-18.87	46.25	-11.12	Average
3	7488.900	63.21	74.00	-10.79	74.33	-11.12	Peak

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_BLE1M_2402MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE1M_2402MHz
TEST BY :Caster



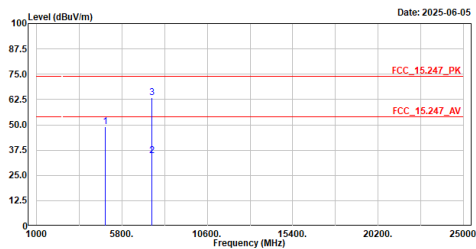
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	51.38	54.00	-2.62	66.47	-15.09	Average
2	4804.000	55.07	74.00	-18.93	70.16	-15.09	Peak
3	7475.300	36.03	54.00	-17.97	47.10	-11.07	Average
4	7475.300	65.95	74.00	-8.05	77.02	-11.07	Peak

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_BLE1M_2440MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE1M_2440MHz
TEST BY :Caster



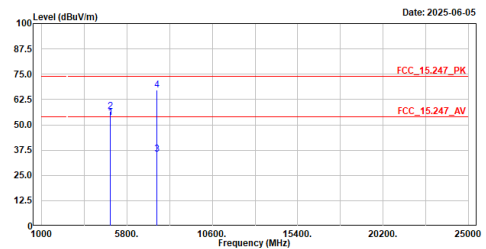
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	49.16	74.00	-24.84	64.04	-14.88	Peak
2	7470.200	34.84	54.00	-19.16	45.88	-11.04	Average
3	7470.200	63.56	74.00	-10.44	74.60	-11.04	Peak

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_BLE1M_2440MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE1M_2440MHz
TEST BY :Caster



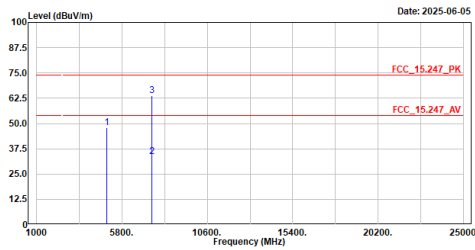
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	53.42	54.00	-0.58	68.30	-14.88	Average
2	4880.000	56.71	74.00	-17.29	71.59	-14.88	Peak
3	7482.100	35.46	54.00	-18.54	46.55	-11.09	Average
4	7482.100	67.02	74.00	-6.98	78.11	-11.09	Peak

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_BLE1M_2480MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE1M_2480MHz
TEST BY :Caster

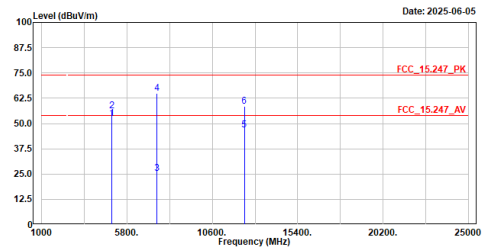


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	48.06	74.00	-25.94	62.67	-14.61	Peak
2	7470.200	33.74	54.00	-20.26	44.78	-11.04	Average
3	7470.200	63.77	74.00	-10.23	74.81	-11.04	Peak

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_BLE1M_2480MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE1M_2480MHz
TEST BY :Caster

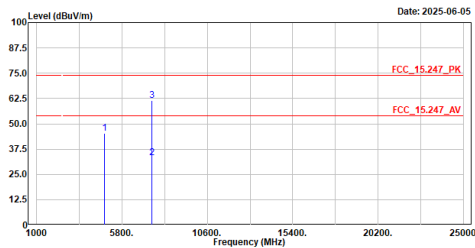


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	52.28	54.00	-1.72	66.89	-14.61	Average
2	4960.000	56.37	74.00	-17.63	70.98	-14.61	Peak
3	7499.100	25.31	54.00	-28.69	36.47	-11.16	Average
4	7499.100	64.98	74.00	-9.02	76.14	-11.16	Peak
5	12400.000	46.88	54.00	-7.12	55.27	-8.39	Average
6	12400.000	58.34	74.00	-15.66	66.73	-8.39	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_BLE2M_2402MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE2M_2402MHz
TEST BY :Caster

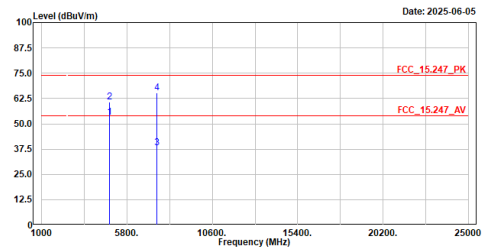


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	45.23	74.00	-28.77	60.32	-15.09	Peak
2	7487.200	33.17	54.00	-20.83	44.28	-11.11	Average
3	7487.200	61.58	74.00	-12.42	72.69	-11.11	Peak

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_BLE2M_2402MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE2M_2402MHz
TEST BY :Caster

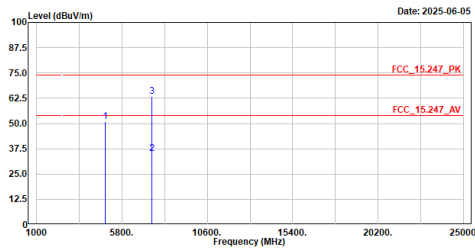


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	53.36	54.00	-0.64	68.45	-15.09	Average
2	4804.000	60.61	74.00	-13.39	75.70	-15.09	Peak
3	7478.700	38.01	54.00	-15.99	49.08	-11.07	Average
4	7478.700	65.41	74.00	-8.59	76.48	-11.07	Peak

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_BLE2M_2440MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE2M_2440MHz
TEST BY :Caster

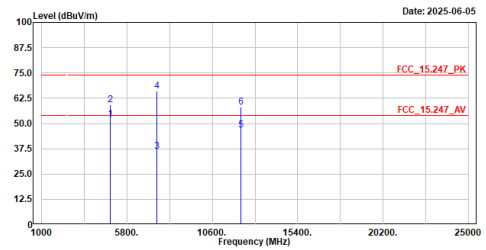


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	50.80	74.00	-23.20	65.68	-14.88	Peak
2	7477.000	35.28	54.00	-18.72	46.36	-11.08	Average
3	7477.000	63.57	74.00	-10.43	74.65	-11.08	Peak

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_BLE2M_2440MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE2M_2440MHz
TEST BY :Caster

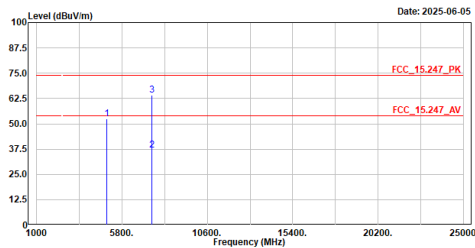


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	52.04	54.00	-1.96	66.92	-14.88	Average
2	4880.000	59.06	74.00	-14.94	73.94	-14.88	Peak
3	7470.200	36.07	54.00	-17.93	47.11	-11.04	Average
4	7470.200	65.93	74.00	-8.07	76.97	-11.04	Peak
5	12200.000	46.72	54.00	-7.28	55.30	-8.58	Average
6	12200.000	58.16	74.00	-15.84	66.74	-8.58	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_BLE2M_2480MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE2M_2480MHz
TEST BY :Caster

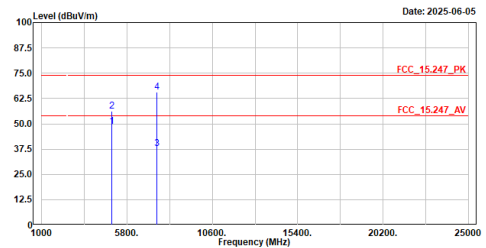


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	52.50	74.00	-21.50	67.05	-14.55	Peak
2	7478.700	36.81	54.00	-17.19	47.88	-11.07	Average
3	7478.700	64.18	74.00	-9.82	75.25	-11.07	Peak

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.

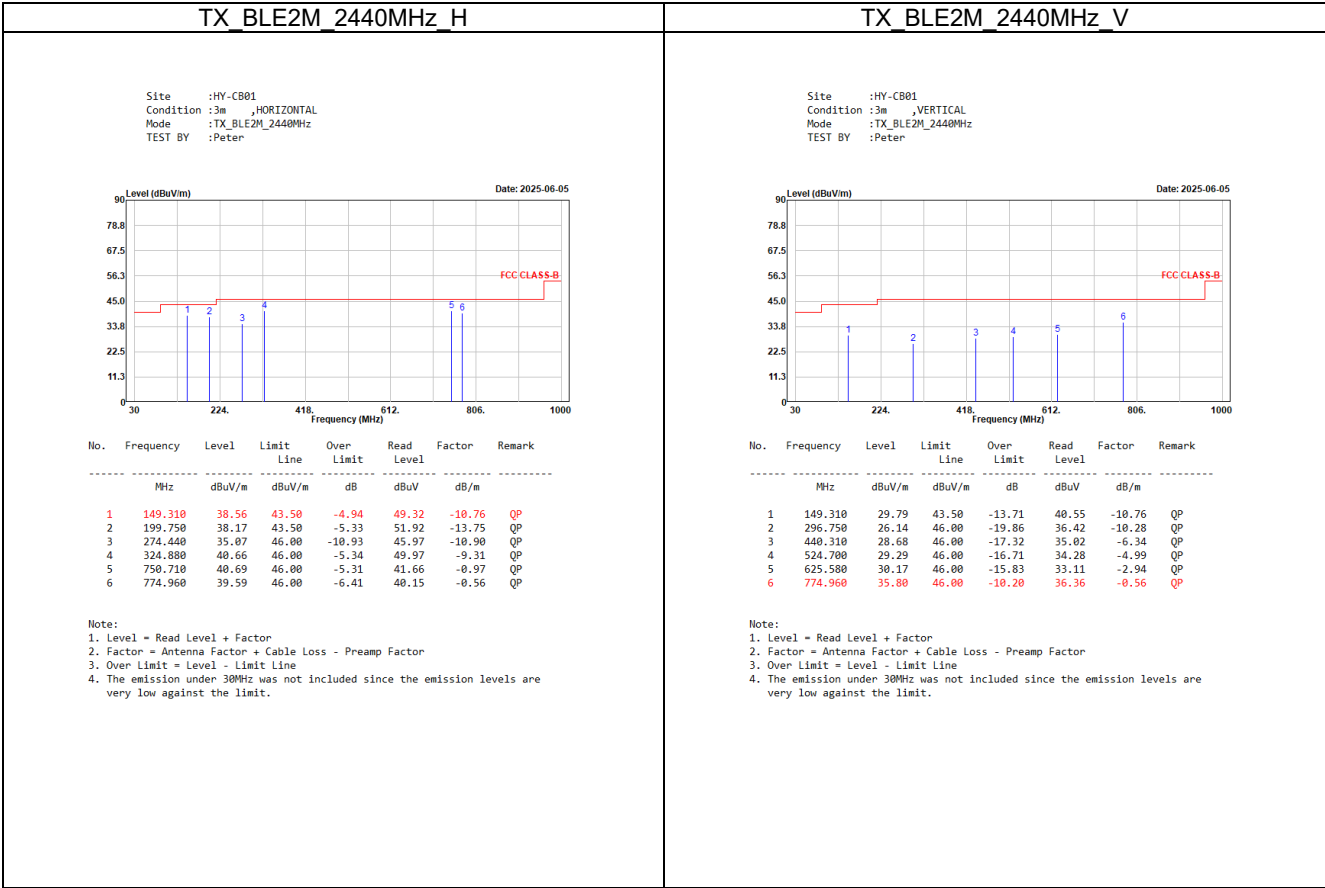
TX_BLE2M_2480MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE2M_2480MHz
TEST BY :Caster

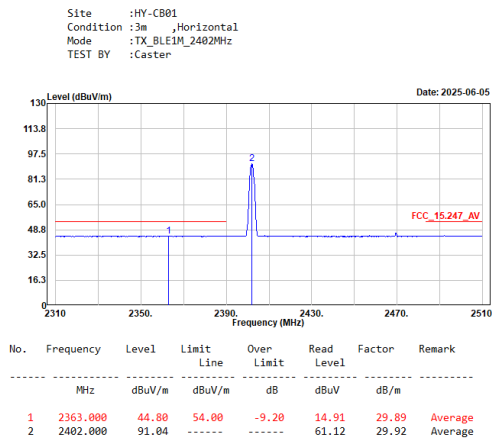


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	48.86	54.00	-5.14	63.47	-14.61	Average
2	4960.000	56.05	74.00	-17.95	70.60	-14.55	Peak
3	7482.100	37.79	54.00	-16.21	48.88	-11.09	Average
4	7482.100	65.58	74.00	-8.42	76.67	-11.09	Peak

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.

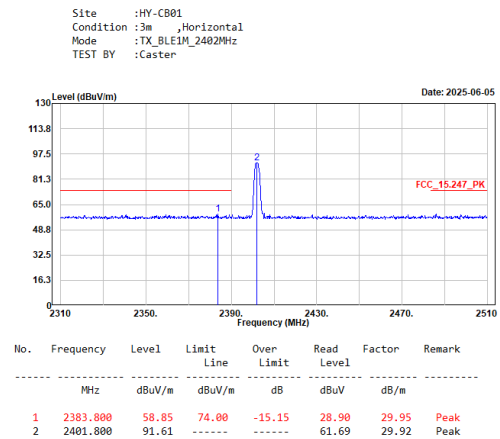


TX_BLE1M_2402MHz_H_Average



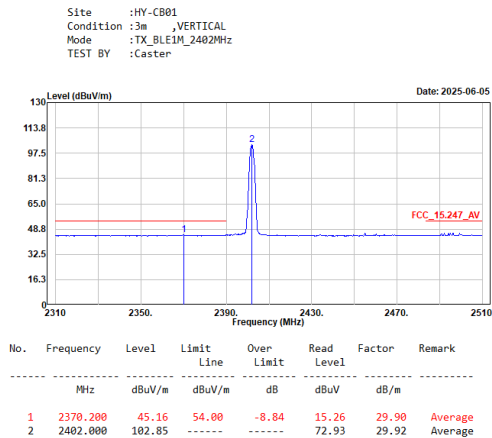
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2402MHz_H_Peak



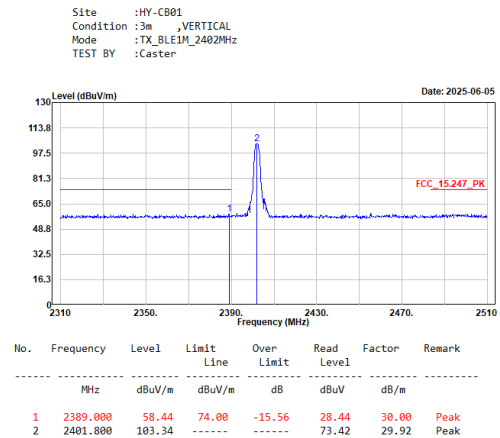
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_BLE1M_2402MHz_V_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.

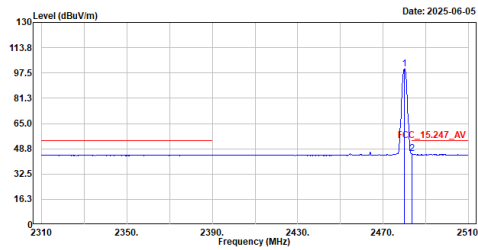
TX_BLE1M_2402MHz_V_Peak



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_BLE1M_2480MHz_H_Average

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE1M_2480MHz
TEST BY :Caster

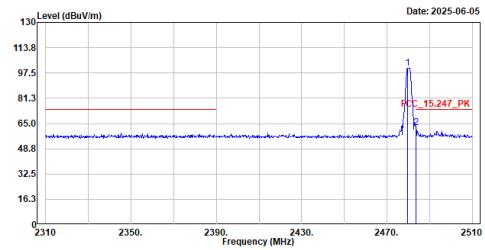


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	100.01	-----	-----	70.23	29.78	Average
2	2483.600	45.42	54.00	-8.58	15.64	29.78	Average

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.

TX_BLE1M_2480MHz_H_Peak

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_BLE1M_2480MHz
TEST BY :Caster

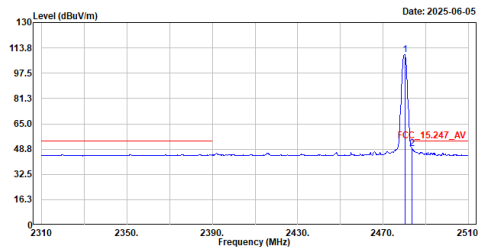


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2479.800	100.74	-----	-----	70.96	29.78	Peak
2	2483.600	62.46	74.00	-11.54	32.68	29.78	Peak

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_BLE1M_2480MHz_V_Average

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE1M_2480MHz
TEST BY :Caster

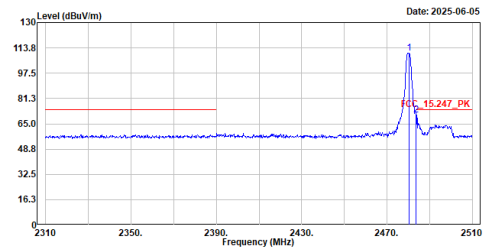


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.200	109.41	-----	-----	79.63	29.78	Average
2	2483.600	48.86	54.00	-5.14	19.08	29.78	Average

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.

TX_BLE1M_2480MHz_V_Peak

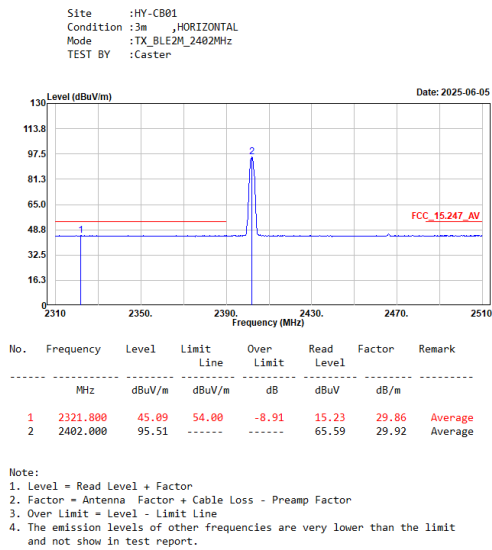
Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_BLE1M_2480MHz
TEST BY :Caster



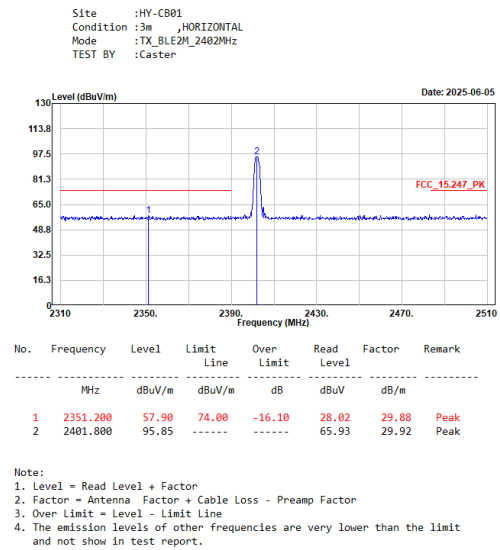
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.400	110.23	-----	-----	80.45	29.78	Peak
2	2483.600	70.84	74.00	-3.16	41.06	29.78	Peak

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.

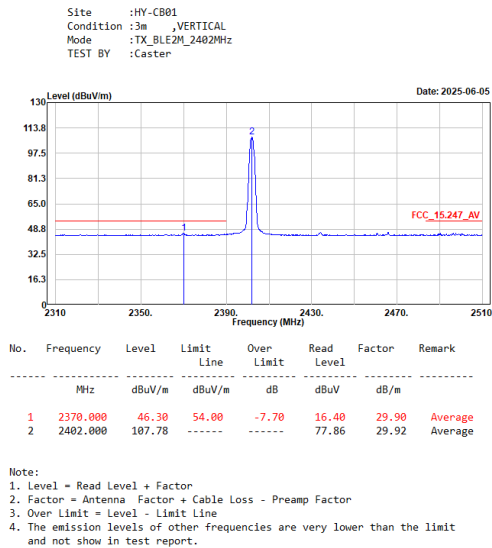
TX_BLE2M_2402MHz_H_Average



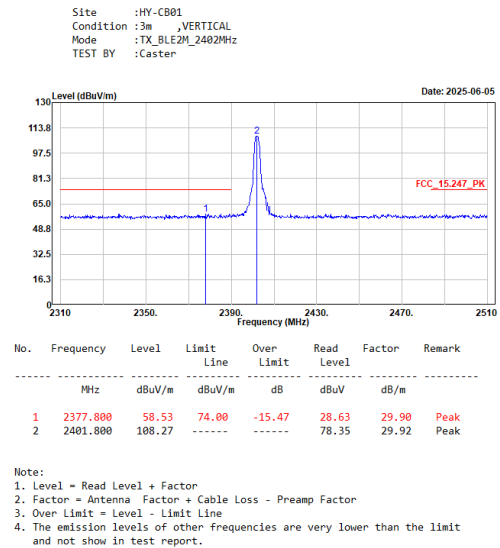
TX_BLE2M_2402MHz_H_Peak



TX_BLE2M_2402MHz_V_Average

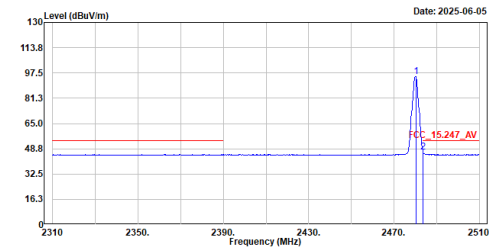


TX_BLE2M_2402MHz_V_Peak



TX_BLE2M_2480MHz_H_Average

Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_BLE2M_2480MHz
TEST BY :Peter

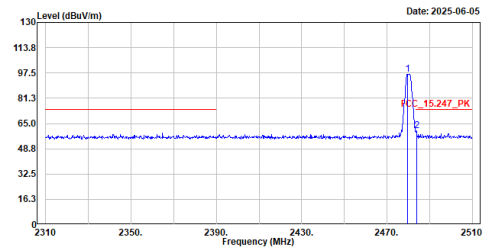


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.200	95.17	-----	-----	65.39	29.78	Average
2	2483.600	46.44	54.00	-7.56	16.66	29.78	Average

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.

TX_BLE2M_2480MHz_H_Peak

Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_BLE2M_2480MHz
TEST BY :Peter

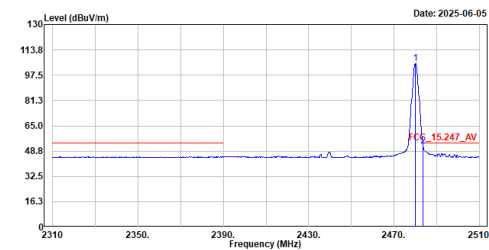


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2479.600	96.85	-----	-----	67.07	29.78	Peak
2	2483.600	60.13	74.00	-13.87	30.35	29.78	Peak

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_BLE2M_2480MHz_V_Average

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_BLE2M_2480MHz
TEST BY :Peter

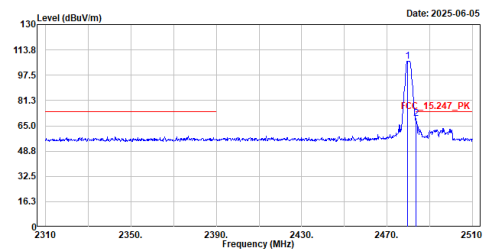


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	104.91	-----	-----	75.13	29.78	Average
2	2483.600	52.20	54.00	-1.80	22.42	29.78	Average

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.

TX_BLE2M_2480MHz_V_Peak

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_BLE2M_2480MHz
TEST BY :Peter



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2479.600	106.33	-----	-----	76.55	29.78	Peak
2	2483.600	69.50	74.00	-4.50	39.72	29.78	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.