

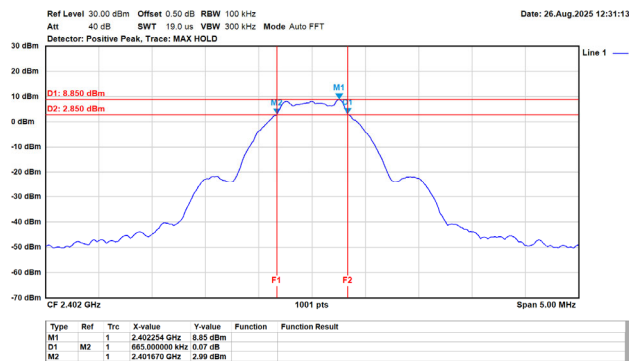
Appendix A. Test Result of AC Power Line Conducted Emission

<

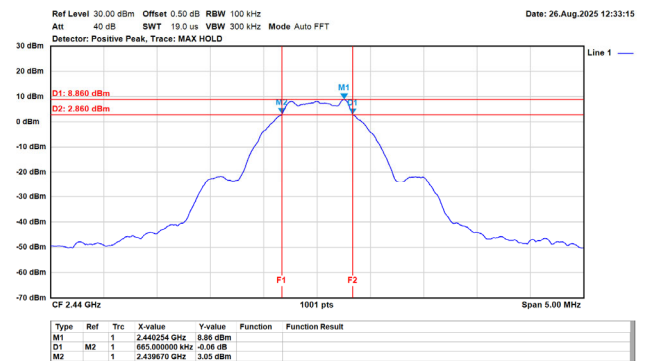
Appendix B. Test Result of 6dB Bandwidth

Modulation	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
GFSK (1Mbps)	2402	0.67	≥ 0.50	Pass
	2440	0.67	≥ 0.50	Pass
	2480	0.67	≥ 0.50	Pass
GFSK (2Mbps)	2404	1.24	≥ 0.50	Pass
	2440	1.25	≥ 0.50	Pass
	2478	1.24	≥ 0.50	Pass

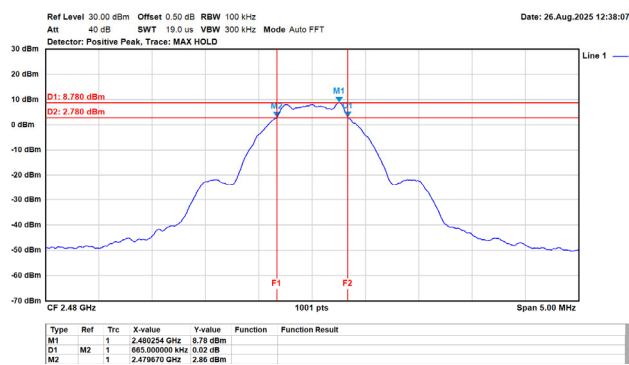
GFSK/1MHz/1M/2402MHz/Ch0/Ant.1



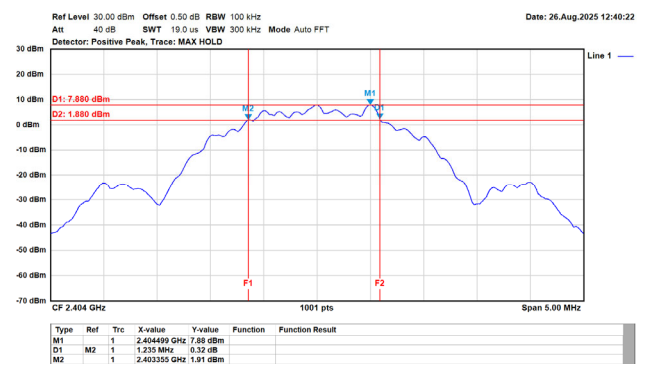
GFSK/1MHz/1M/2440MHz/Ch19/Ant.1



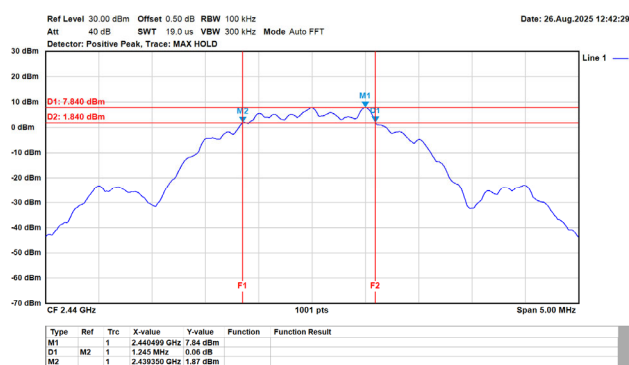
GFSK/1MHz/1M/2480MHz/Ch39/Ant.1



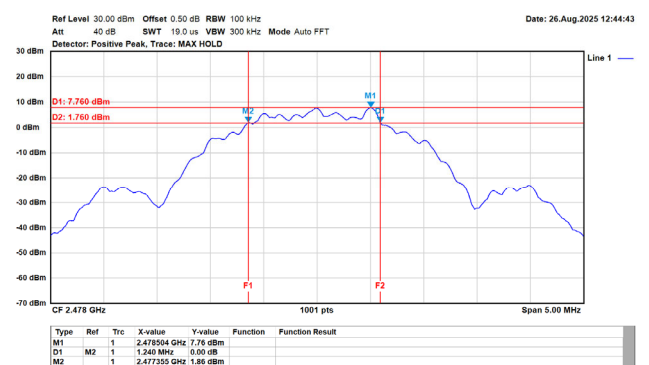
GFSK/2MHz/2M/2404MHz/Ch1/Ant.1



GFSK/2MHz/2M/2440MHz/Ch19/Ant.1



GFSK/2MHz/2M/2478MHz/Ch38/Ant.1



Appendix C. Test Result of Maximum Peak Conducted Output Power

Low Power

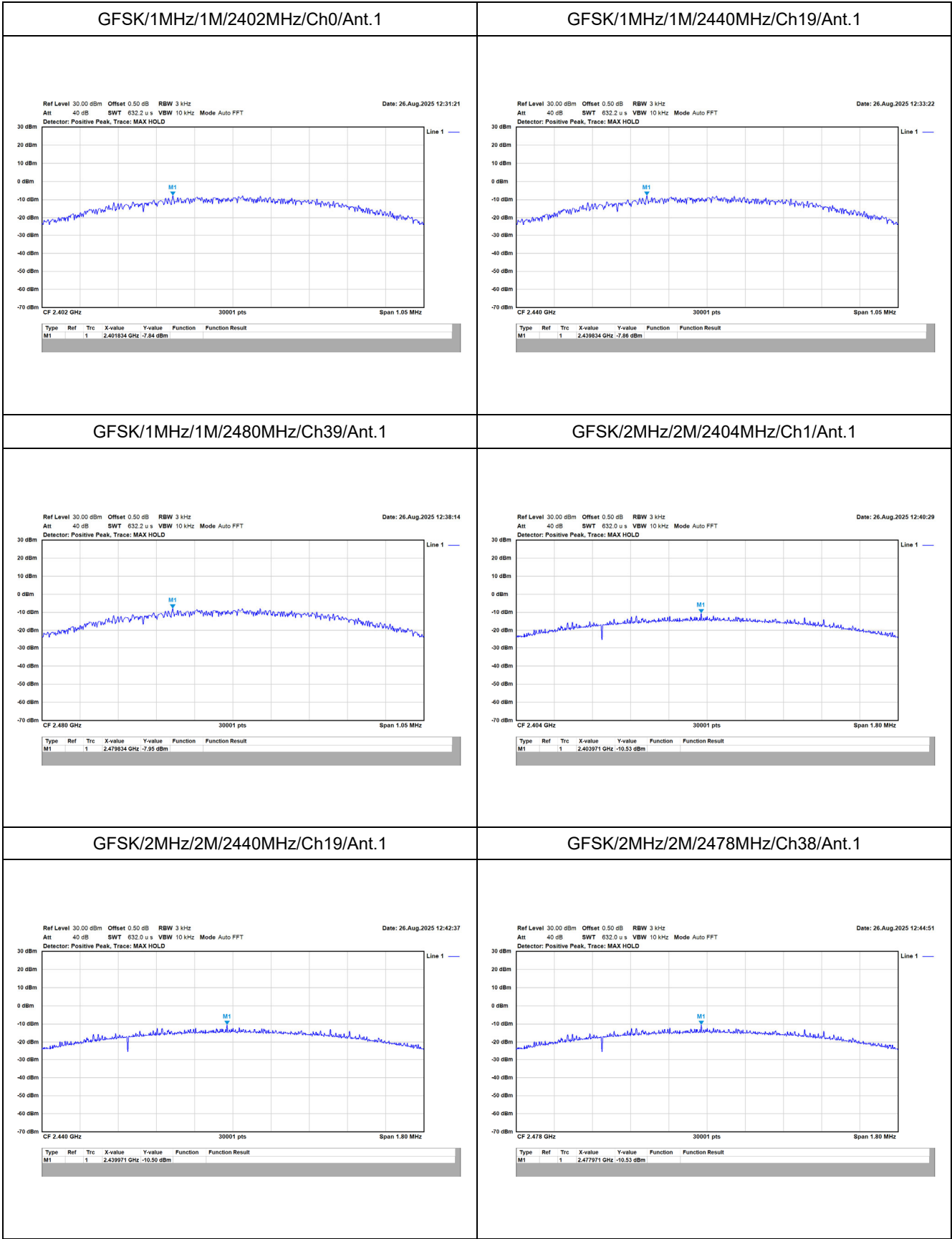
Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK (1Mbps)	2402	4.42	30.00	Pass
	2440	4.59	30.00	Pass
	2480	4.65	30.00	Pass
GFSK (2Mbps)	2404	4.45	30.00	Pass
	2440	4.60	30.00	Pass
	2478	4.63	30.00	Pass

High Power

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK (1Mbps)	2402	10.68	30.00	Pass
	2440	10.65	30.00	Pass
	2480	10.56	30.00	Pass
GFSK (2Mbps)	2404	10.70	30.00	Pass
	2440	10.65	30.00	Pass
	2478	10.56	30.00	Pass

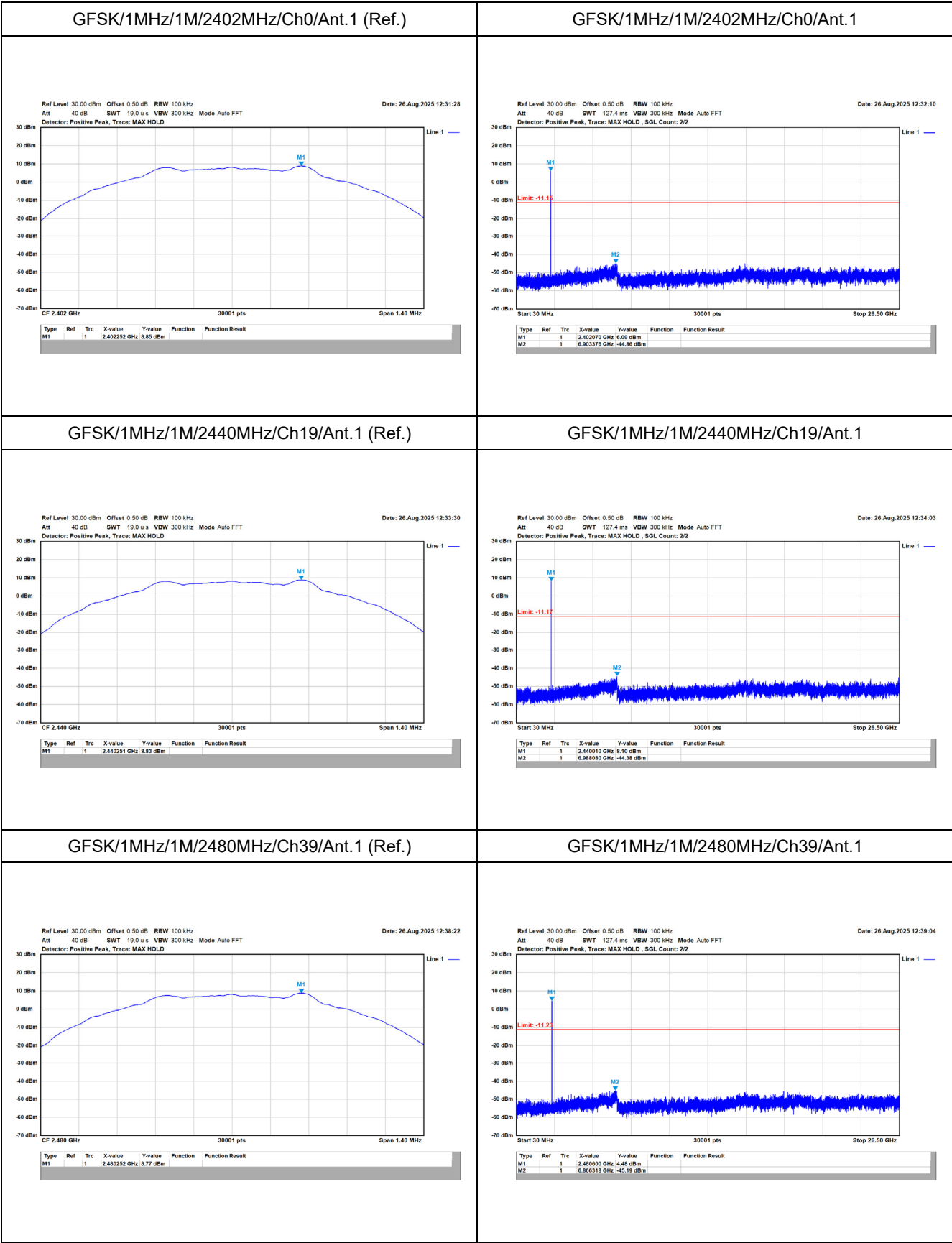
Appendix D. Test Result of Power Spectral Density

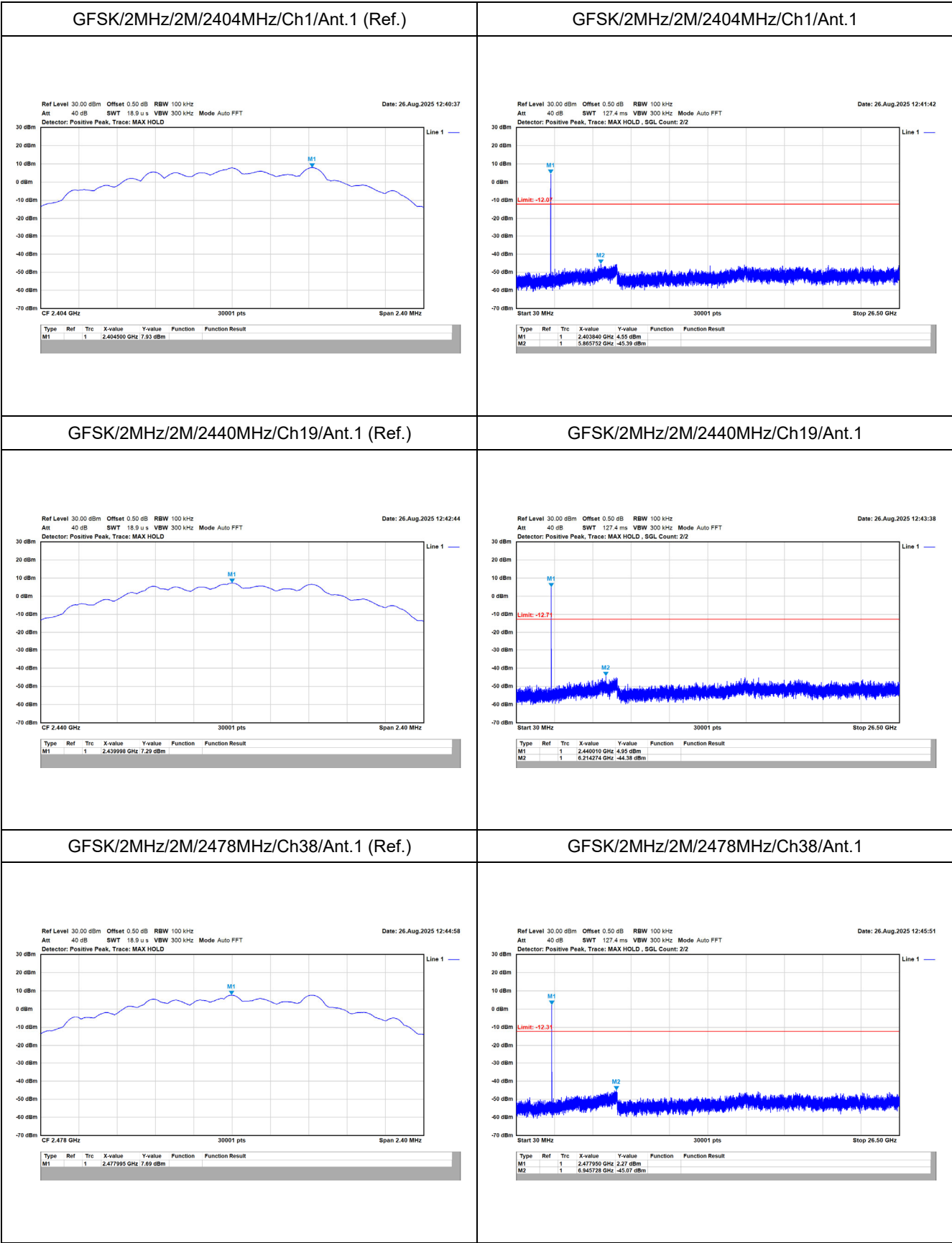
Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (1Mbps)	2402	-7.84	8.00	Pass
	2440	-7.86	8.00	Pass
	2480	-7.95	8.00	Pass
GFSK (2Mbps)	2404	-10.53	8.00	Pass
	2440	-10.50	8.00	Pass
	2478	-10.53	8.00	Pass

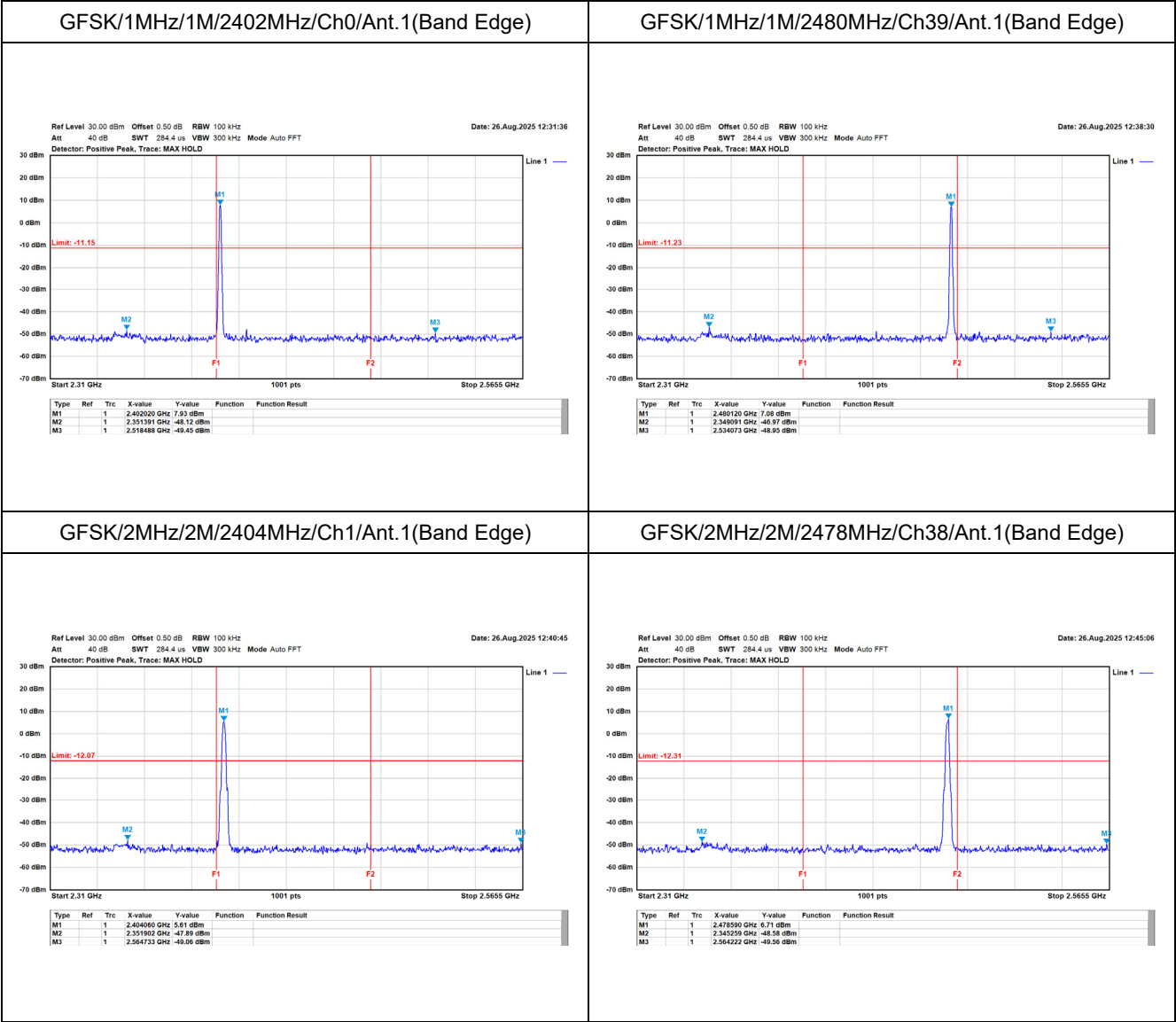


Appendix E. Test Result of Antenna Port Conducted Emission

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



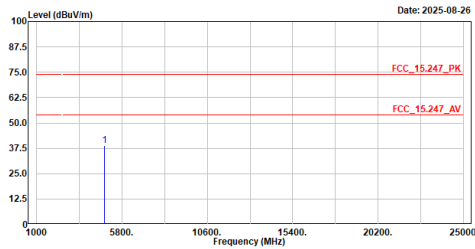




Appendix F. Test Result of Radiated Emission

TX_BLE1M_2402MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2402MHz
Test BY :Ashton

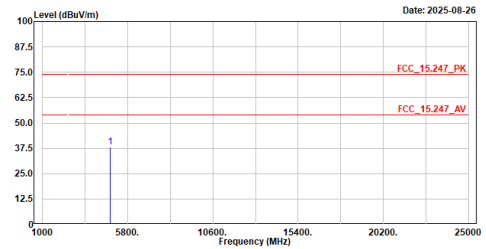


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	38.68	74.00	-35.32	53.63	-14.95	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2402MHz
Test BY :Ashton

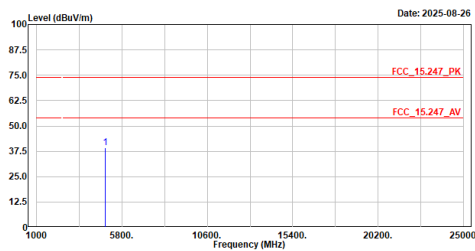


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4804.000	38.28	74.00	-35.72	53.23	-14.95	Peak

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-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2440MHz
Test BY :Ashton

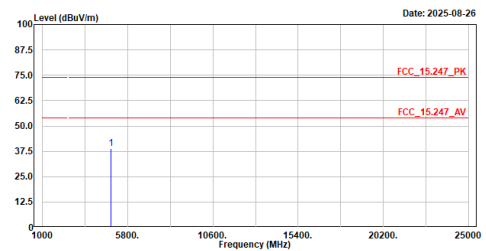


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	39.35	74.00	-34.65	53.94	-14.59	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2440MHz
Test BY :Ashton

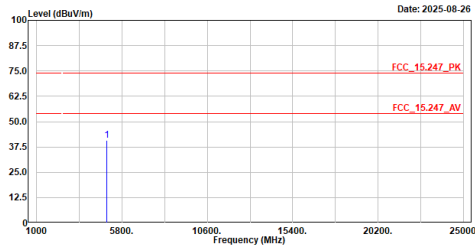


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	38.80	74.00	-35.20	53.39	-14.59	Peak

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-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2480MHz
Test BY :Ashton

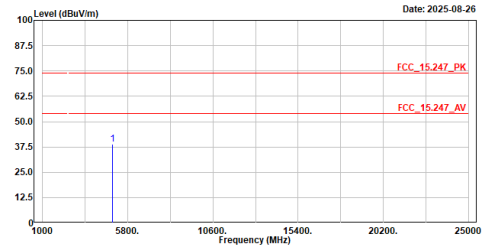


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	48.94	74.00	-33.06	55.16	-14.22	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2480MHz
Test BY :Ashton

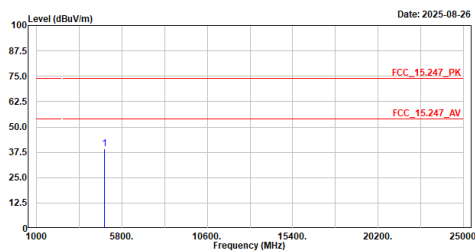


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4960.000	38.72	74.00	-35.28	52.94	-14.22	Peak

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_2404MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2404MHz
Test BY :Ashton

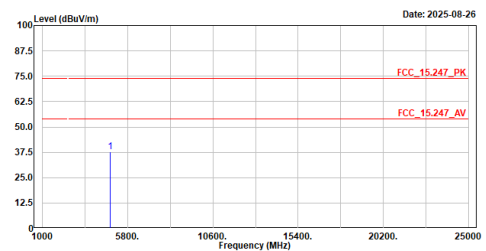


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4808.000	39.22	74.00	-34.78	54.16	-14.94	Peak

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_2404MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2404MHz
Test BY :Ashton

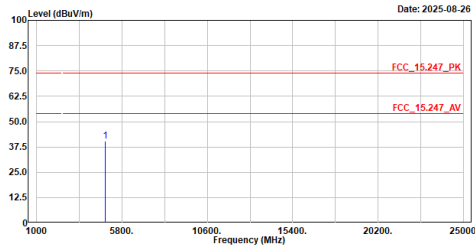


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4808.000	37.61	74.00	-36.39	52.55	-14.94	Peak

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-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2440MHz
Test BY :Ashton

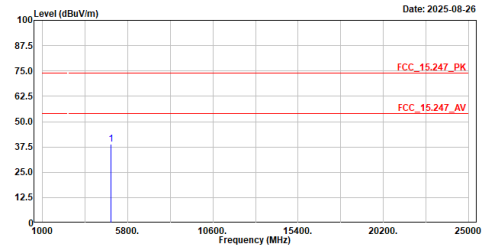


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	40.53	74.00	-33.47	55.12	-14.59	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2440MHz
Test BY :Ashton

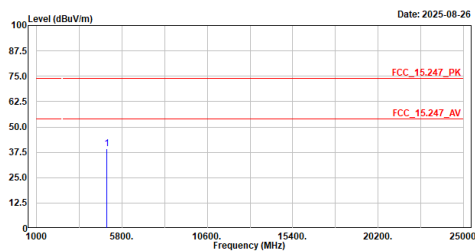


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4880.000	38.83	74.00	-35.17	53.42	-14.59	Peak

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_2478MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2478MHz
Test BY :Ashton

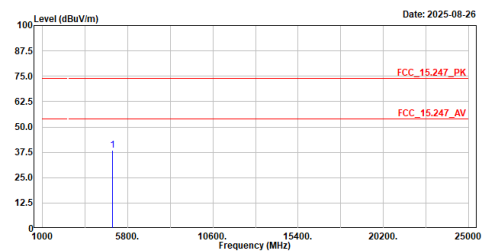


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4956.000	39.35	74.00	-34.65	53.58	-14.23	Peak

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_2478MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2478MHz
Test BY :Ashton

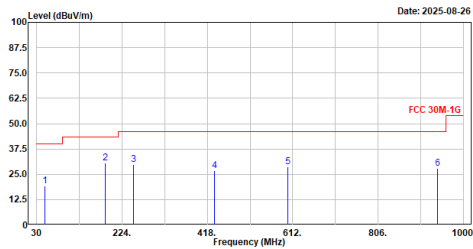


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4956.000	38.41	74.00	-35.59	52.64	-14.23	Peak

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_QP

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2440MHz
Test BY :Ashton

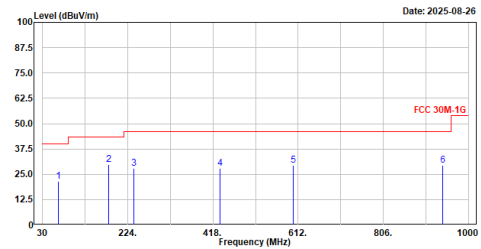


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	48.430	19.36	40.00	-20.64	42.79	-23.43	QP
2	186.170	30.49	43.50	-13.01	56.69	-26.20	QP
3	250.190	29.91	46.00	-16.09	54.82	-24.91	QP
4	433.520	26.88	46.00	-19.12	46.24	-19.36	QP
5	600.360	28.82	46.00	-17.18	44.42	-15.60	QP
6	941.800	27.75	46.00	-18.25	38.58	-10.83	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_BLE2M_2440MHz_V_QP

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2440MHz
Test BY :Ashton

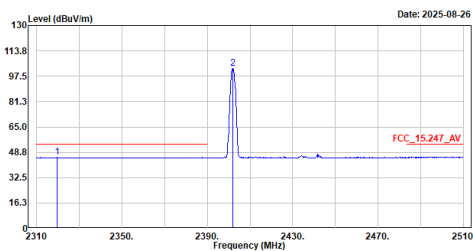


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	65.890	21.49	40.00	-18.51	47.38	-25.89	QP
2	180.350	29.71	43.50	-13.79	54.89	-25.18	QP
3	237.500	28.06	46.00	-17.94	53.30	-25.24	QP
4	433.520	27.85	46.00	-18.15	47.21	-19.36	QP
5	600.360	29.56	46.00	-16.44	45.16	-15.60	QP
6	941.800	29.29	46.00	-16.71	40.12	-10.83	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_BLE1M_2402MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2402MHz
Test BY :Ashton

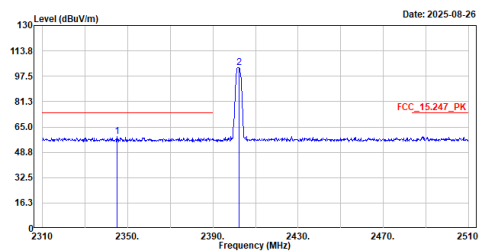


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2319.600	45.42	54.00	-8.58	14.81	30.61	Average
2	2402.000	102.42	-----	-----	71.96	30.46	Average

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

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2402MHz
Test BY :Ashton

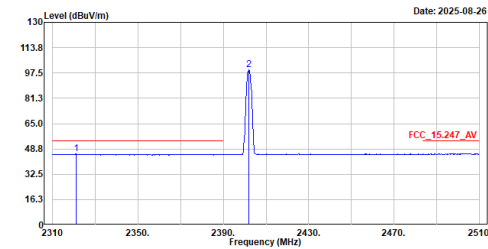


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2345.200	58.88	74.00	-15.12	28.46	30.42	Peak
2	2402.200	103.03	-----	-----	72.57	30.46	Peak

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

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2402MHz
Test BY :Ashton

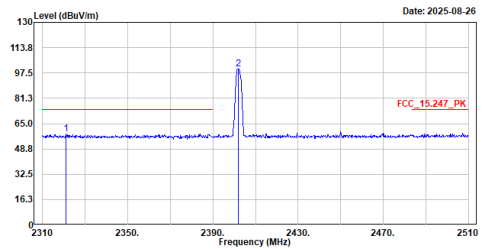


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2321.000	45.42	54.00	-8.58	14.82	30.60	Average
2	2402.000	99.40	-----	-----	68.94	30.46	Average

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

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2402MHz
Test BY :Ashton

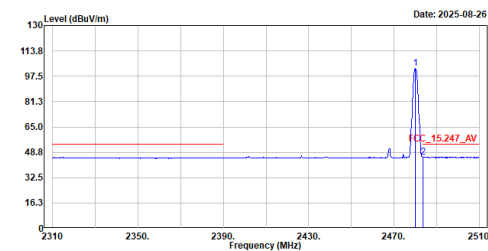


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2321.000	58.33	74.00	-15.67	27.73	30.60	Peak
2	2401.800	99.99	-----	-----	69.53	30.46	Peak

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-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2480MHz
Test BY :Ashton

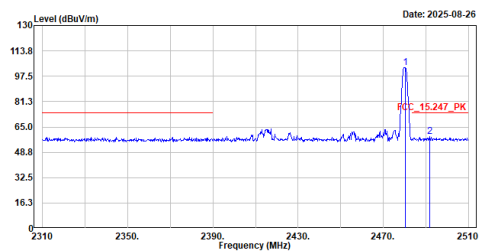


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	102.28	-----	-----	71.89	30.39	Average
2	2483.600	45.83	54.00	-8.17	15.39	30.44	Average

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-CB03
Condition :3m ,Horizontal
Mode :TX_BLE1M_2480MHz
Test BY :Ashton

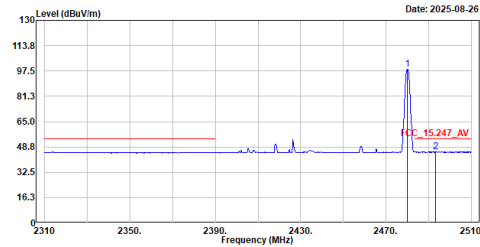


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.200	102.89	-----	-----	72.50	30.39	Peak
2	2491.800	58.89	74.00	-15.11	28.39	30.50	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2480MHz
Test BY :Ashton

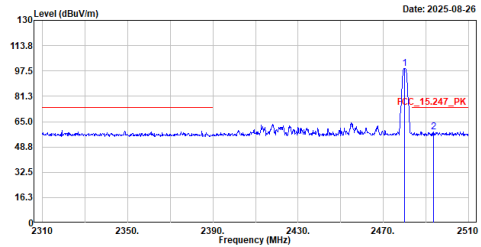


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	98.54	-----	-----	68.15	30.39	Average
2	2493.400	45.62	54.00	-8.38	15.12	30.50	Average

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-CB03
Condition :3m ,Vertical
Mode :TX_BLE1M_2480MHz
Test BY :Ashton

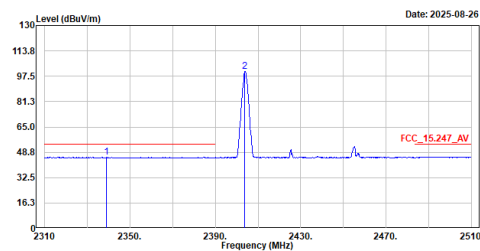


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2480.000	99.16	-----	-----	68.77	30.39	Peak
2	2493.600	58.50	74.00	-15.50	28.00	30.50	Peak

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_2404MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2404MHz
Test BY :Ashton

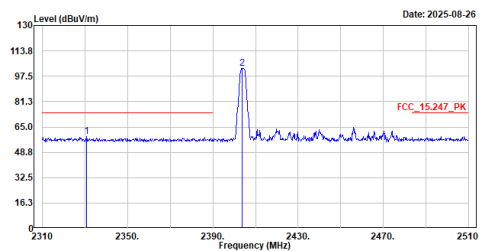


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2338.800	45.60	54.00	-8.40	15.17	30.43	Average
2	2403.800	100.80	-----	-----	70.31	30.49	Average

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_2404MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2404MHz
Test BY :Ashton

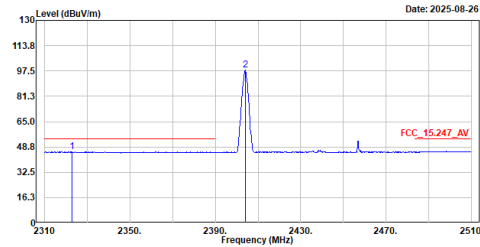


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2338.800	58.75	74.00	-15.25	28.25	30.50	Peak
2	2403.600	102.63	-----	-----	72.14	30.49	Peak

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_2404MHz_V_Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2404MHz
Test BY :Ashton

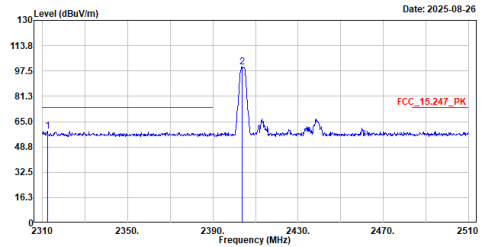


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2322.800	45.64	54.00	-8.36	15.06	30.58	Average
2	2404.000	98.08	100.17	-2.09	67.59	30.49	Average

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_2404MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2404MHz
Test BY :Ashton

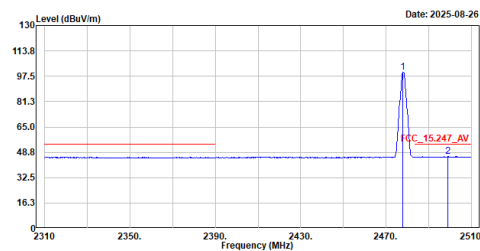


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2312.400	58.73	74.00	-15.27	28.12	30.61	Peak
2	2403.600	99.89	100.17	-0.28	69.40	30.49	Peak

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_2478MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2478MHz
Test BY :Ashton

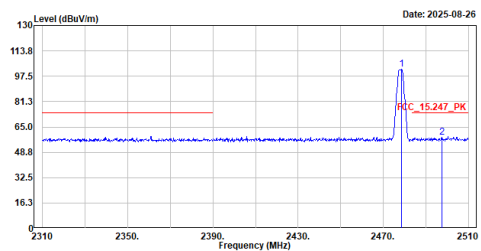


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2478.000	100.17	100.17	0.00	69.78	30.39	Average
2	2499.000	46.02	54.00	-7.98	15.51	30.51	Average

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.

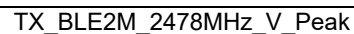
TX_BLE2M_2478MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_BLE2M_2478MHz
Test BY :Ashton

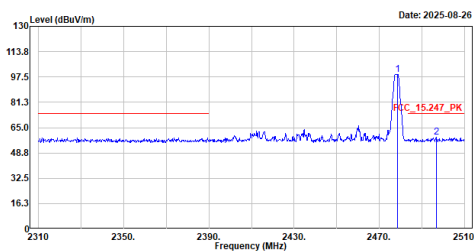


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2478.600	101.87	100.17	1.70	71.48	30.39	Peak
2	2497.400	58.44	74.00	-15.56	27.93	30.51	Peak

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-CB03
Condition :3m ,Vertical
Mode :TX_BLE2M_2478MHz
Test BY :Ashton



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2478.600	99.14	-----		68.75	30.39	Peak
2	2496.800	58.63	74.00	-15.37	28.12	30.51	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.