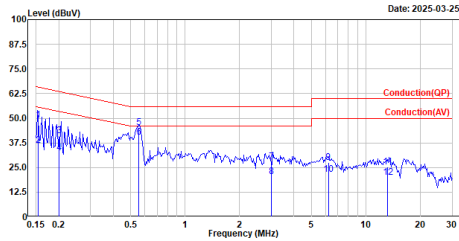


Appendix A. Test Result of AC Power Line Conducted Emission

Site :HY-SR01
Condition :Line
Mode :TX_ble2M_2440MHz
test by :Kevin

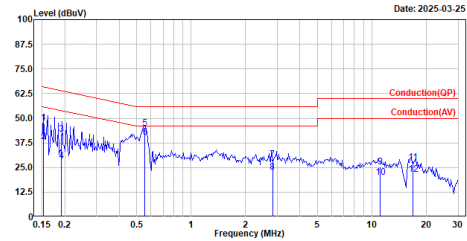


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.155	49.15	65.75	-16.60	39.51	9.64	QP
2	0.155	36.37	55.75	-19.38	26.73	9.64	Average
3	0.201	41.19	63.55	-22.36	31.55	9.64	QP
4	0.201	32.35	53.55	-21.20	22.71	9.64	Average
5	0.555	45.25	56.00	-10.75	35.68	9.65	QP
6	0.555	40.44	46.00	-5.56	30.79	9.65	Average
7	2.990	27.79	56.00	-28.21	17.87	9.92	QP
8	2.990	20.30	46.00	-25.70	10.38	9.92	Average
9	6.196	27.44	60.00	-32.56	17.30	10.14	QP
10	6.196	21.59	50.00	-28.41	11.45	10.14	Average
11	13.145	25.20	60.00	-34.80	15.27	9.93	QP
12	13.145	20.12	50.00	-29.88	10.19	9.93	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 :Kevin



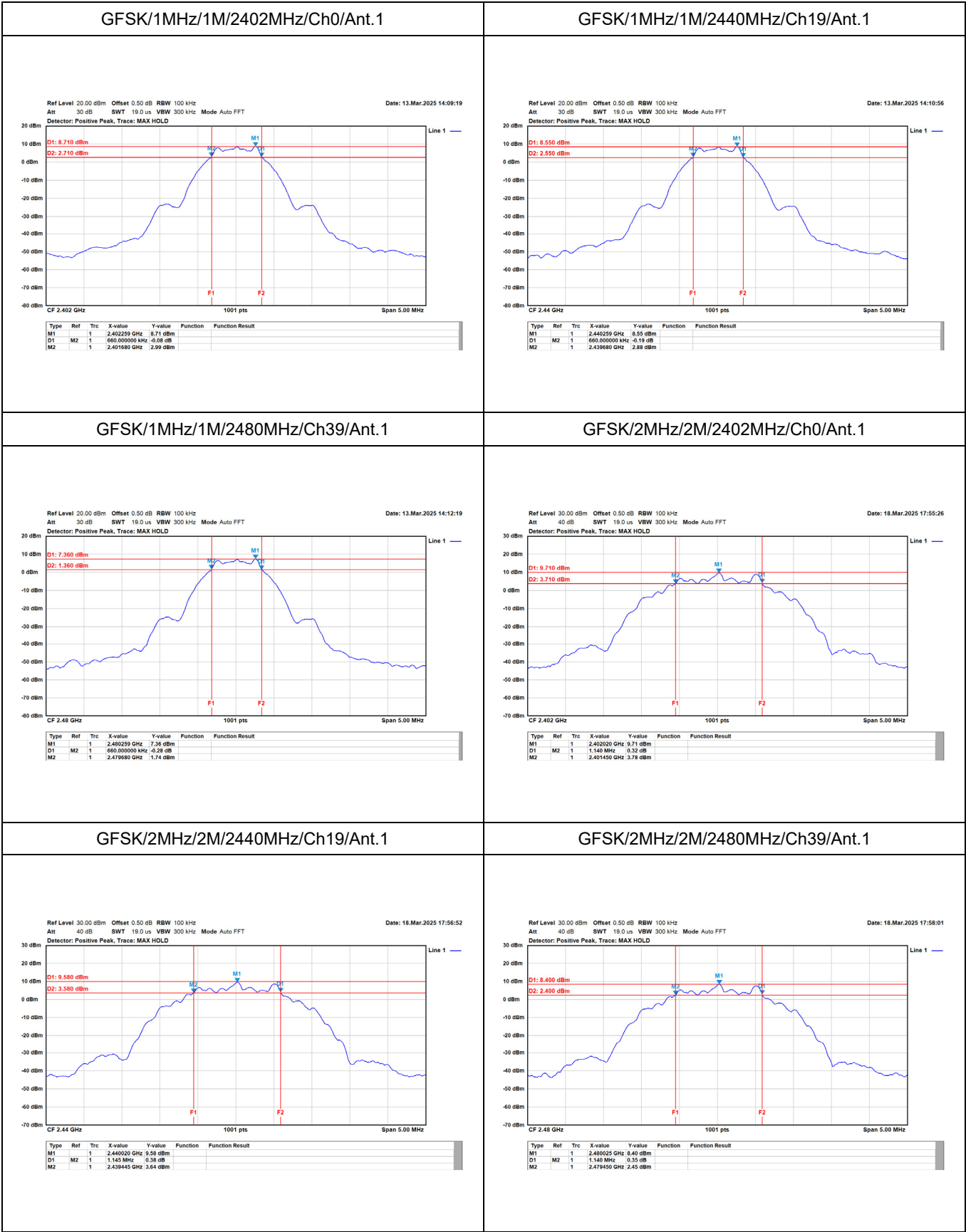
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.153	47.41	65.85	-18.44	37.79	9.62	QP
2	0.153	37.98	55.85	-17.87	28.36	9.62	Average
3	0.191	41.80	63.97	-22.17	32.18	9.62	QP
4	0.191	28.19	53.97	-25.78	18.57	9.62	Average
5	0.554	45.07	56.00	-10.93	35.44	9.63	QP
6	0.554	40.42	46.00	-5.58	30.79	9.63	Average
7	2.820	28.94	56.00	-27.06	19.08	9.86	QP
8	2.820	22.74	46.00	-23.26	12.88	9.86	Average
9	11.093	25.38	60.00	-34.62	15.25	10.13	QP
10	11.093	20.14	50.00	-29.86	10.01	10.13	Average
11	16.808	27.41	60.00	-32.59	17.56	9.85	QP
12	16.808	21.69	50.00	-28.31	11.84	9.85	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
GFSK (1Mbps)	2402	0.66	0.50	Pass
	2440	0.66	0.50	Pass
	2480	0.66	0.50	Pass
GFSK (2Mbps)	2402	1.14	0.50	Pass
	2440	1.15	0.50	Pass
	2480	1.14	0.50	Pass

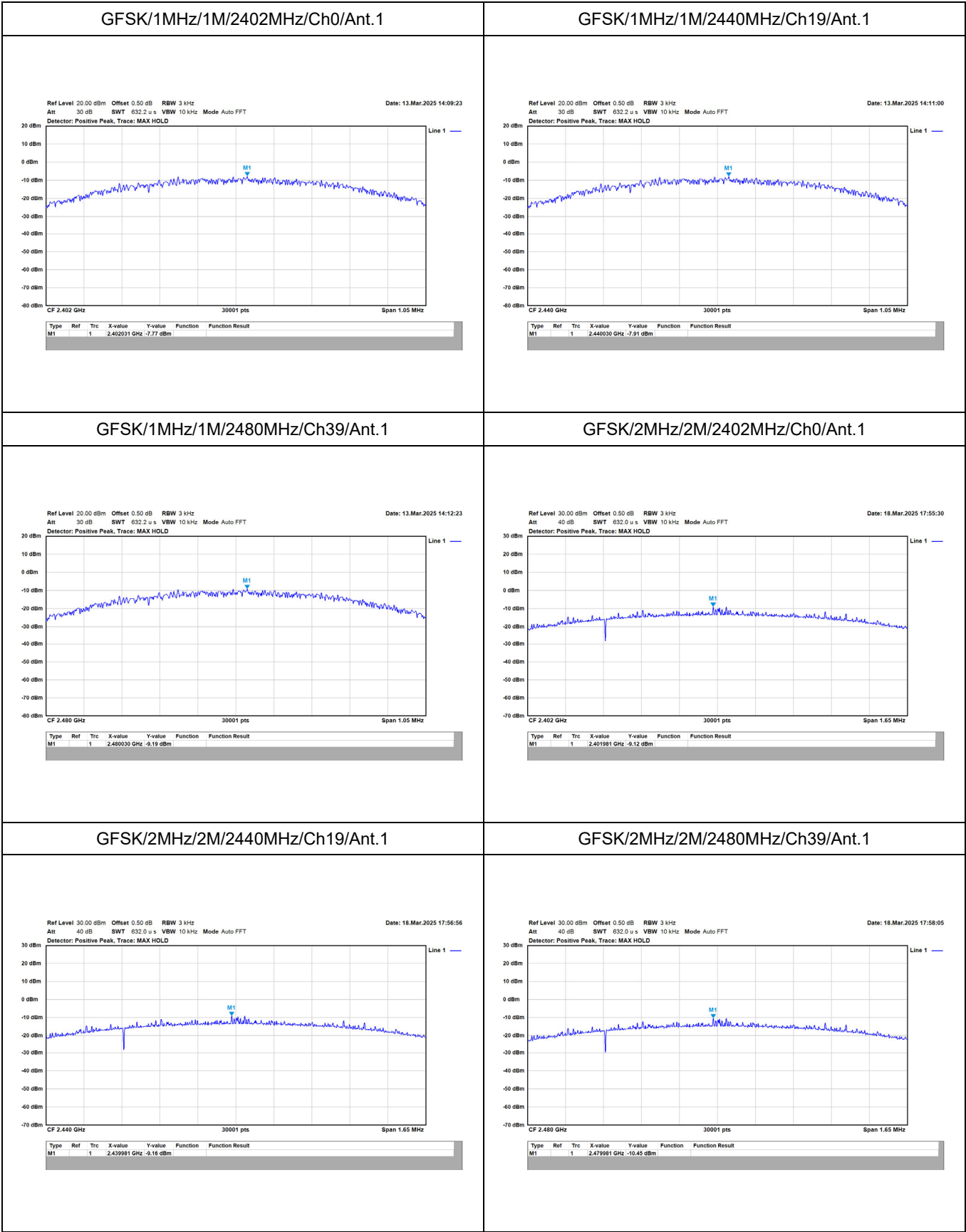


Appendix C. Test Result of Maximum Peak Conducted Output Power

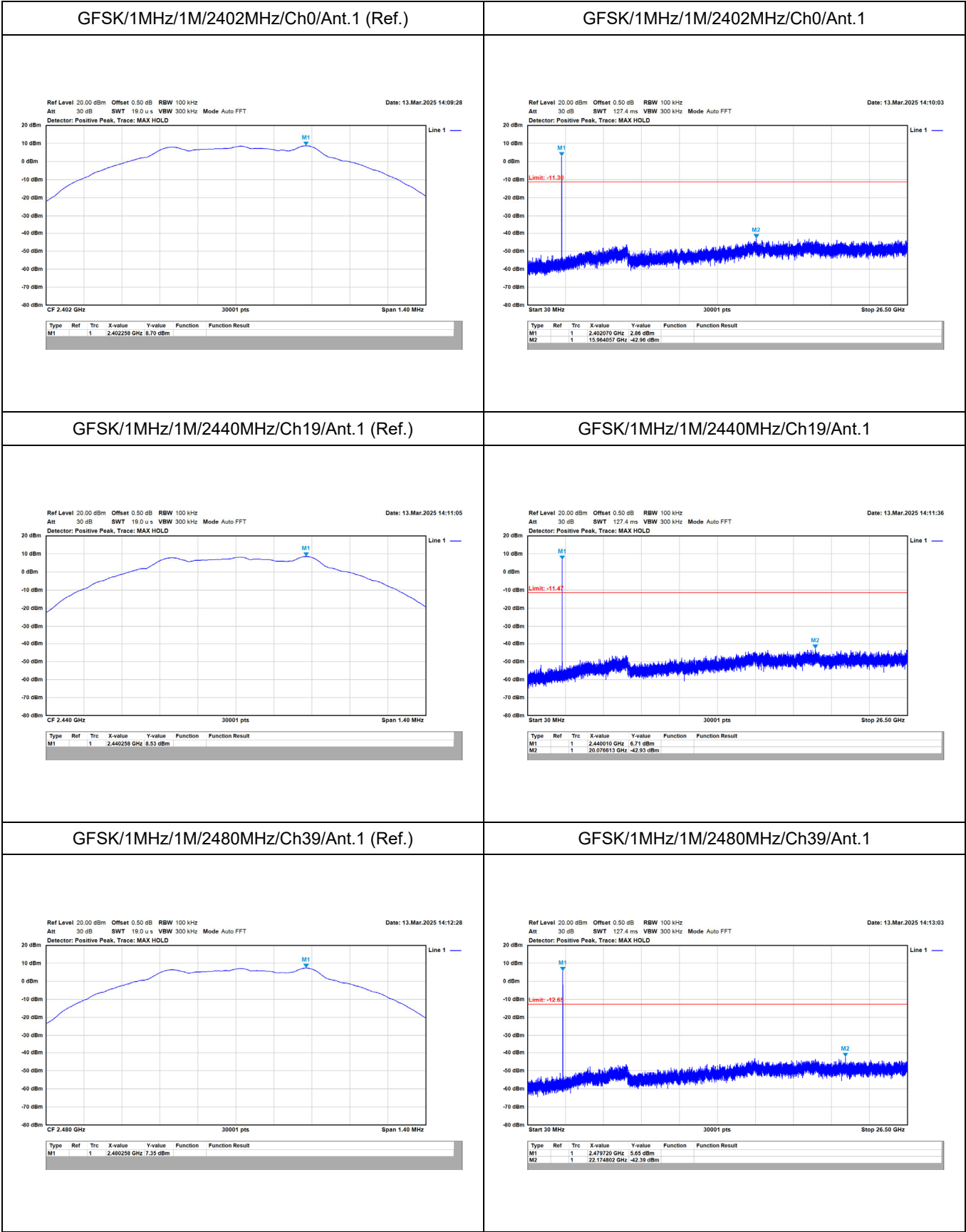
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK (1Mbps)	2402	11.20	30.00	Pass
	2440	10.90	30.00	Pass
	2480	9.52	30.00	Pass
GFSK (2Mbps)	2402	11.45	30.00	Pass
	2440	11.24	30.00	Pass
	2480	9.85	30.00	Pass

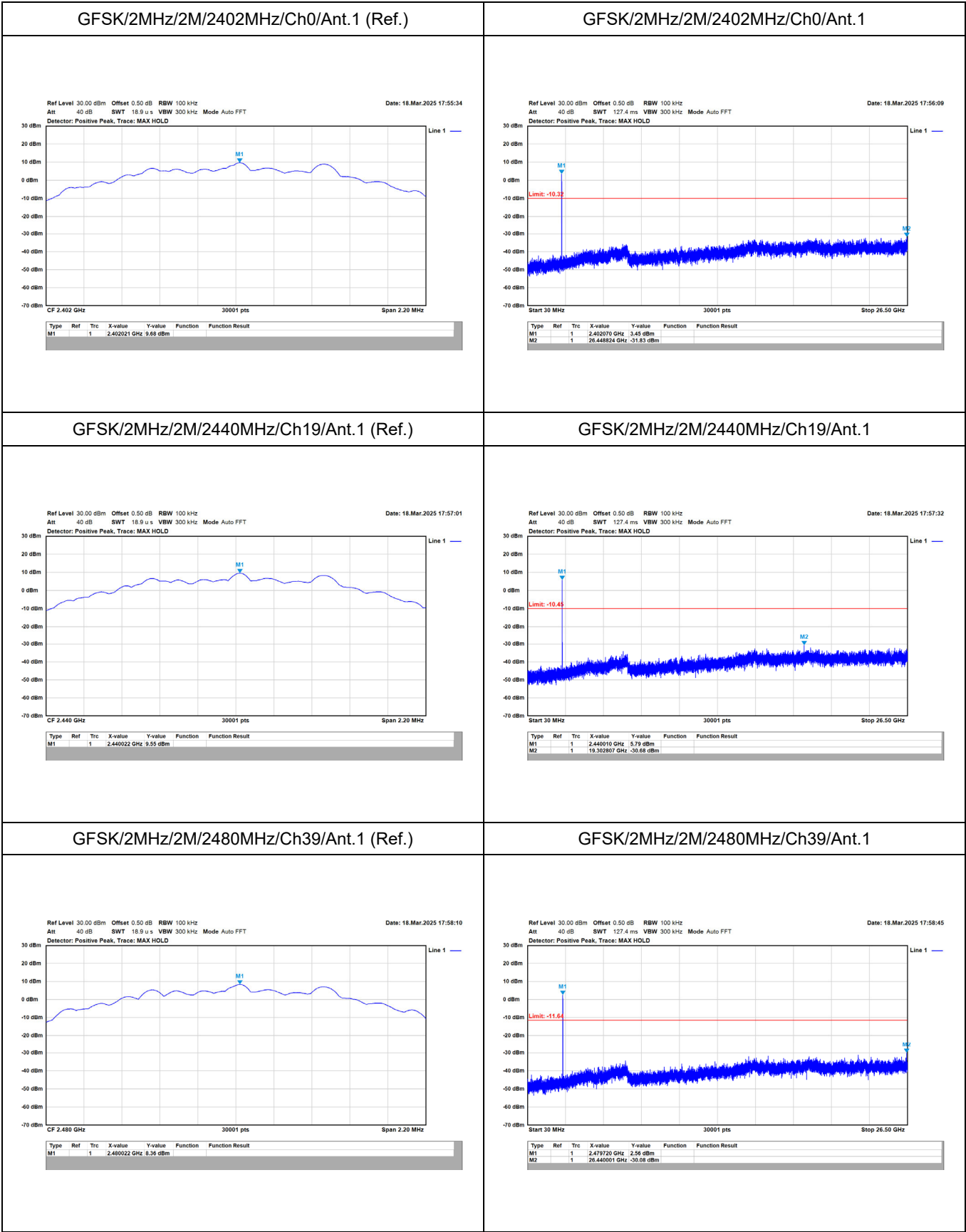
Appendix D. Test Result of Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
GFSK (1Mbps)	2402	-7.77	8.00	Pass
	2440	-7.91	8.00	Pass
	2480	-9.19	8.00	Pass
GFSK (2Mbps)	2402	-9.12	8.00	Pass
	2440	-9.16	8.00	Pass
	2480	-10.45	8.00	Pass

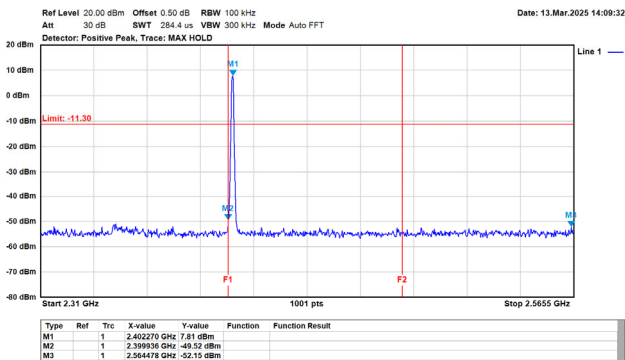


Appendix E. Test Result of Antenna Port Conducted Emission

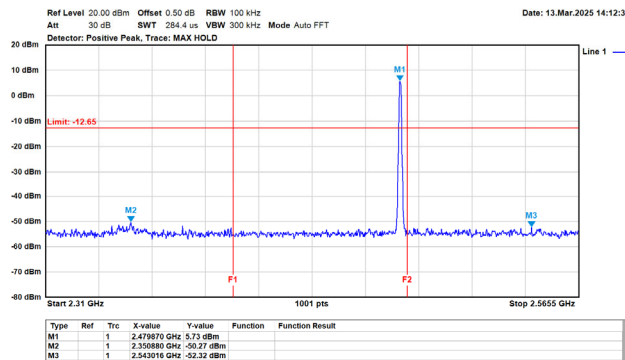




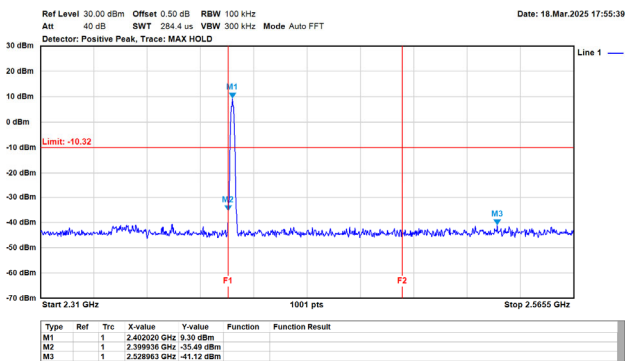
GFSK/1MHz/1M/2402MHz/Ch0/Ant.1(Band Edge)



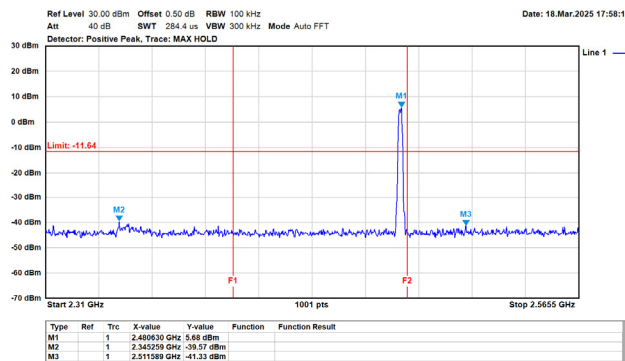
GFSK/1MHz/1M/2480MHz/Ch39/Ant.1(Band Edge)



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

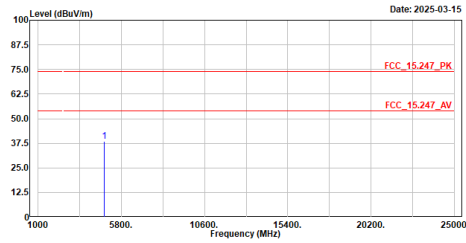


GFSK/2MHz/2M/2480MHz/Ch39/Ant.1(Band Edge)



Appendix F. Test Result of Radiated Emission

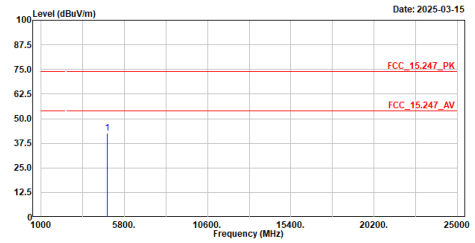
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble1M_2402MHz
Test BY :Bob



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.

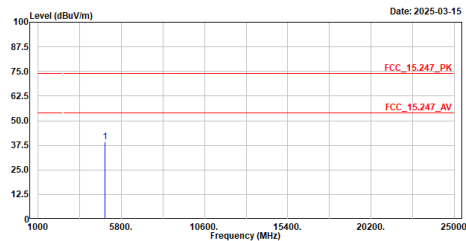
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble1M_2402MHz
Test BY :Bob



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.

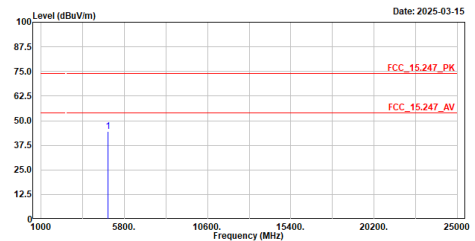
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble1M_2440MHz
Test BY :Bob



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.

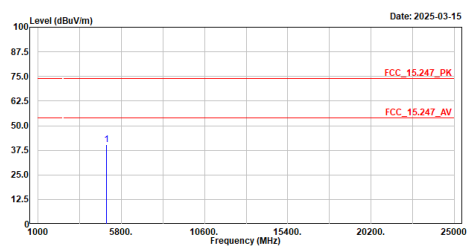
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble1M_2440MHz
Test BY :Bob



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 ,Horizontal
Mode :TX_ble1M_2480MHz
Test BY :Bob

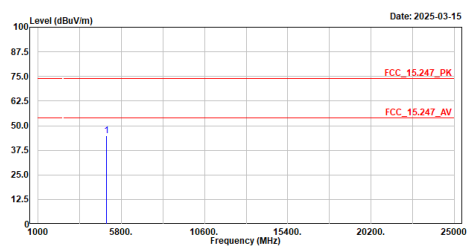


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4960.000	40.24	74.00	-33.76	54.46	-14.22	Peak

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.

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble1M_2480MHz
Test BY :Bob

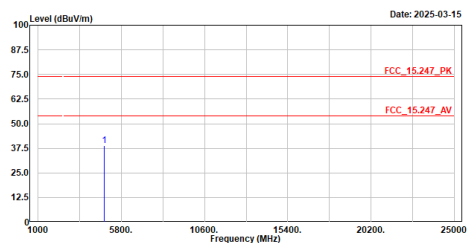


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4960.000	44.82	74.00	-29.18	59.04	-14.22	Peak

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.

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2482MHz
Test BY :Bob

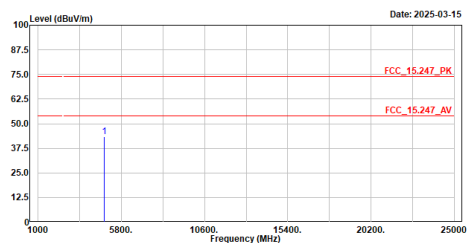


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4804.000	38.97	74.00	-35.03	53.92	-14.95	Peak

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.

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2482MHz
Test BY :Bob

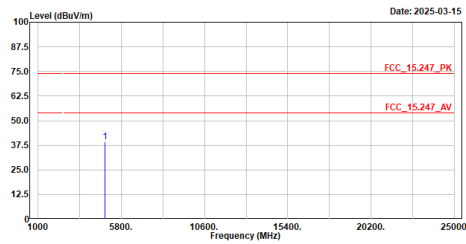


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4804.000	43.43	74.00	-30.57	58.38	-14.95	Peak

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.

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2440MHz
Test BY :Bob

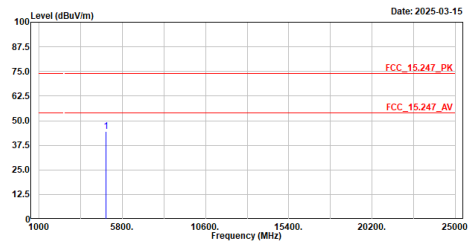


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4880.000	39.16	74.00	-34.84	53.75	-14.59	Peak

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.

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2440MHz
Test BY :Bob

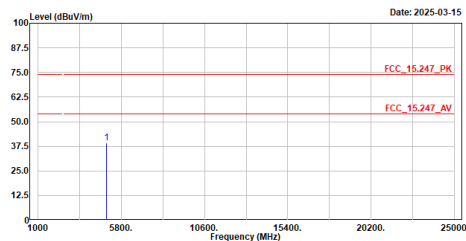


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4880.000	44.61	74.00	-29.39	59.20	-14.59	Peak

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.

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2480MHz
Test BY :Bob

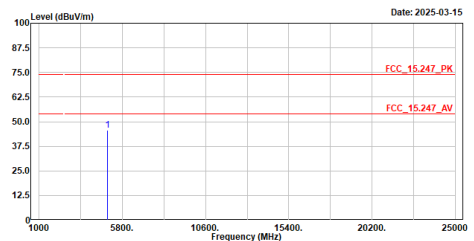


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4960.000	39.41	74.00	-34.59	53.63	-14.22	Peak

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.

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2480MHz
Test BY :Bob

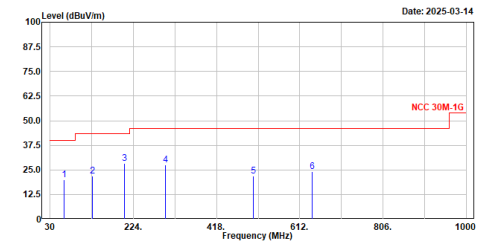


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4960.000	45.61	74.00	-28.39	59.83	-14.22	Peak

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.

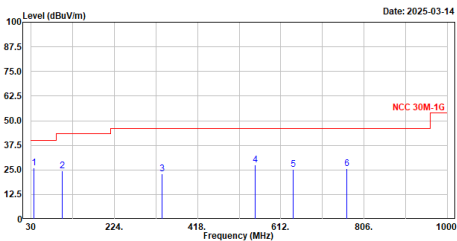
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2440MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	62.980	19.94	40.00	-20.06	45.11	-25.17	QP
2	127.970	21.97	43.50	-21.53	47.58	-25.61	QP
3	202.660	28.21	43.50	-15.29	54.97	-26.76	QP
4	299.660	27.45	46.00	-18.55	50.58	-23.13	QP
5	504.330	21.81	46.00	-24.19	39.71	-17.90	QP
6	641.100	24.16	46.00	-21.84	39.17	-15.01	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.

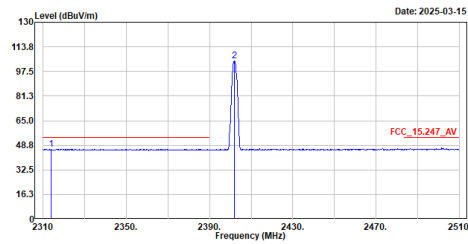
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2440MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	36.790	25.94	40.00	-14.06	50.61	-24.67	QP
2	102.750	24.58	43.50	-18.92	52.54	-27.96	QP
3	335.550	22.88	46.00	-23.12	44.85	-21.97	QP
4	551.860	27.73	46.00	-18.27	44.87	-17.14	QP
5	641.100	25.40	46.00	-20.60	40.41	-15.01	QP
6	765.260	25.75	46.00	-20.25	38.58	-12.83	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.

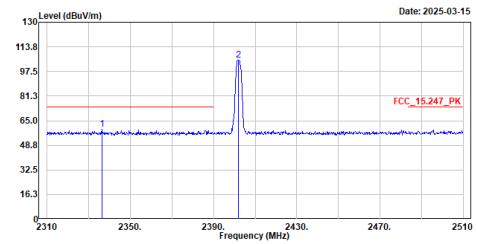
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble1M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2313.800	46.26	54.00	-7.74	15.65	30.61	Average
2	2402.000	104.40	-----	-----	73.94	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.

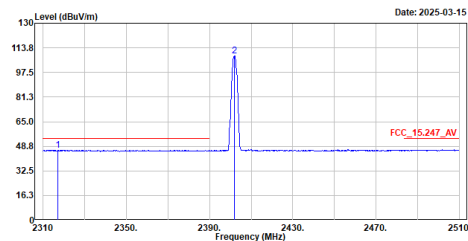
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble1M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2336.400	59.41	74.00	-14.59	28.96	30.45	Peak
2	2401.800	104.97	-----	-----	74.51	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.

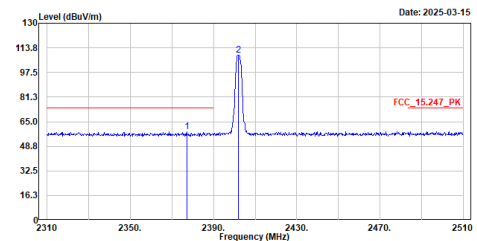
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble1M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2317.000	46.30	54.00	-7.70	15.69	30.61	Average
2	2402.000	108.36	-----	-----	77.90	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.

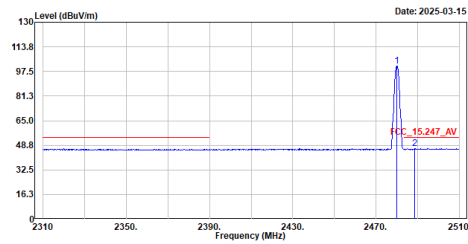
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble1M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2377.200	58.49	74.00	-15.51	28.06	30.43	Peak
2	2401.800	108.94	-----	-----	78.48	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.

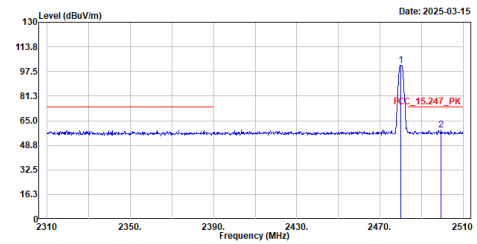
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble1M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2480.000	100.86	-----	-----	70.47	30.39	Average
2	2488.600	46.69	54.00	-7.31	16.20	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.

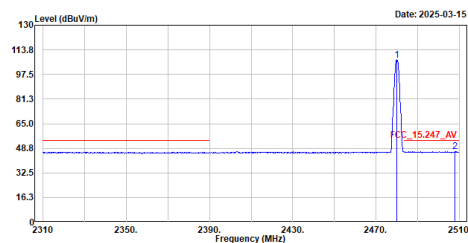
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble1M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2480.000	101.44	-----	-----	71.05	30.39	Peak
2	2499.200	58.77	74.00	-15.23	28.26	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.

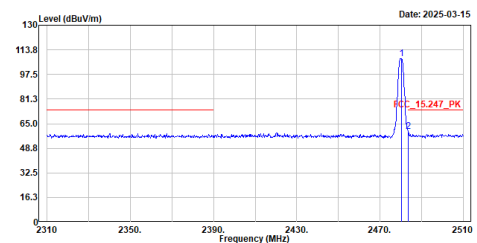
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble1M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2480.000	107.16	-----	-----	76.77	30.39	Average
2	2508.000	46.49	54.00	-7.51	15.98	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.

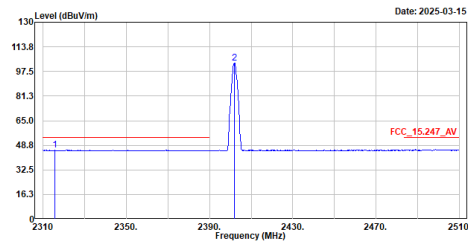
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble1M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2480.400	107.72	-----	-----	77.33	30.39	Peak
2	2483.600	59.68	74.00	-14.32	29.24	30.44	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.

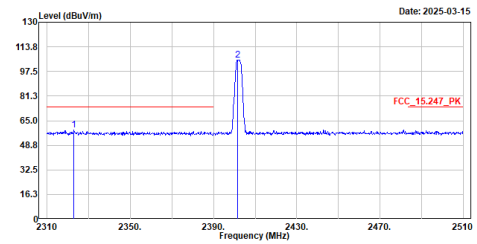
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2315.600	45.54	54.00	-8.46	14.93	30.61	Average
2	2402.000	103.04	-----	-----	72.58	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.

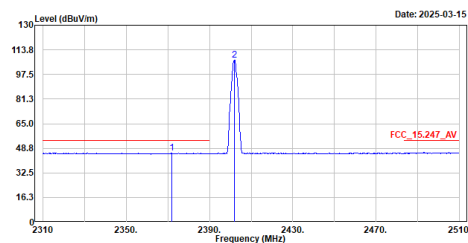
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2323.000	58.68	74.00	-15.32	28.10	30.58	Peak
2	2401.600	105.00	-----	-----	74.54	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.

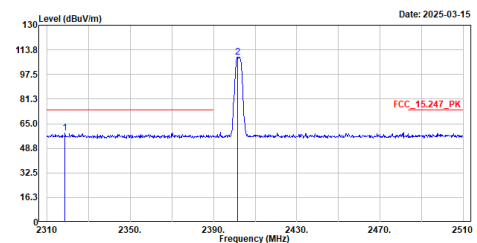
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2371.800	45.61	54.00	-8.39	15.18	30.43	Average
2	2402.000	107.00	-----	-----	76.54	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.

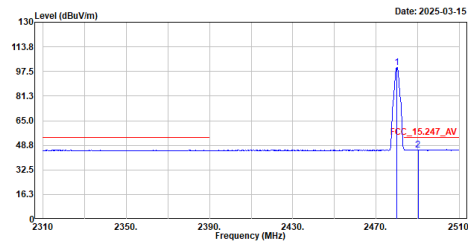
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2402MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2318.600	59.04	74.00	-14.96	28.43	30.61	Peak
2	2401.600	108.78	-----	-----	78.32	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.

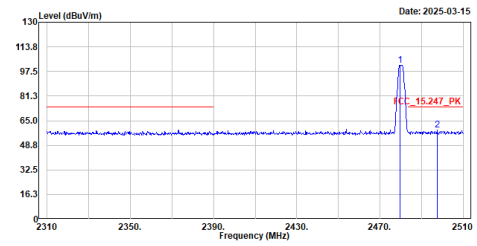
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2480.000	99.92	-----	-----	69.53	30.39	Average
2	2490.200	45.84	54.00	-8.16	15.34	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.

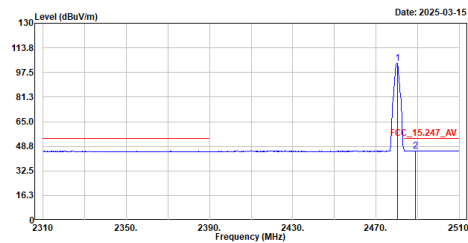
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ble2M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2479.600	101.70	-----	-----	71.31	30.39	Peak
2	2497.400	58.79	74.00	-15.21	28.28	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.

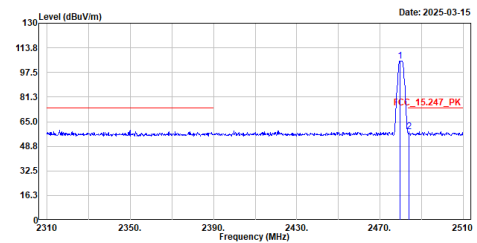
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2480.200	103.40	-----	-----	73.01	30.39	Average
2	2489.000	45.74	54.00	-8.26	15.25	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.

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ble2M_2480MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	2479.600	105.15	-----	-----	74.76	30.39	Peak
2	2483.800	58.58	74.00	-15.42	28.14	30.44	Peak

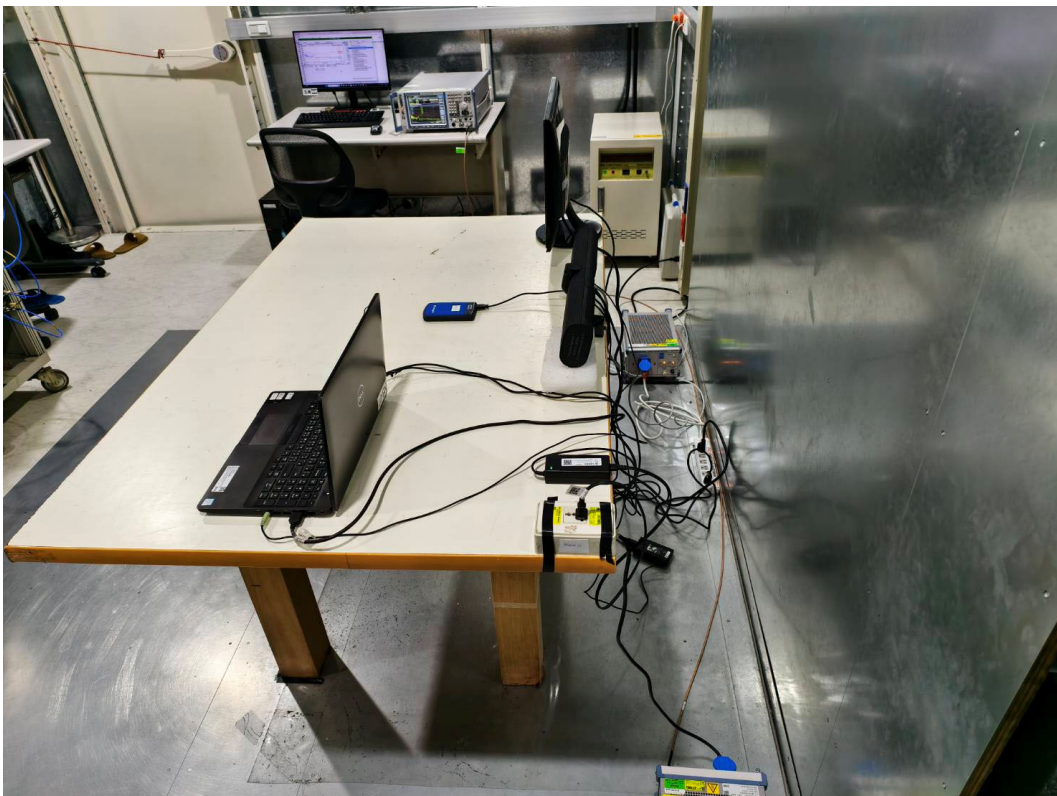
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Appendix G. Test Setup Photograph

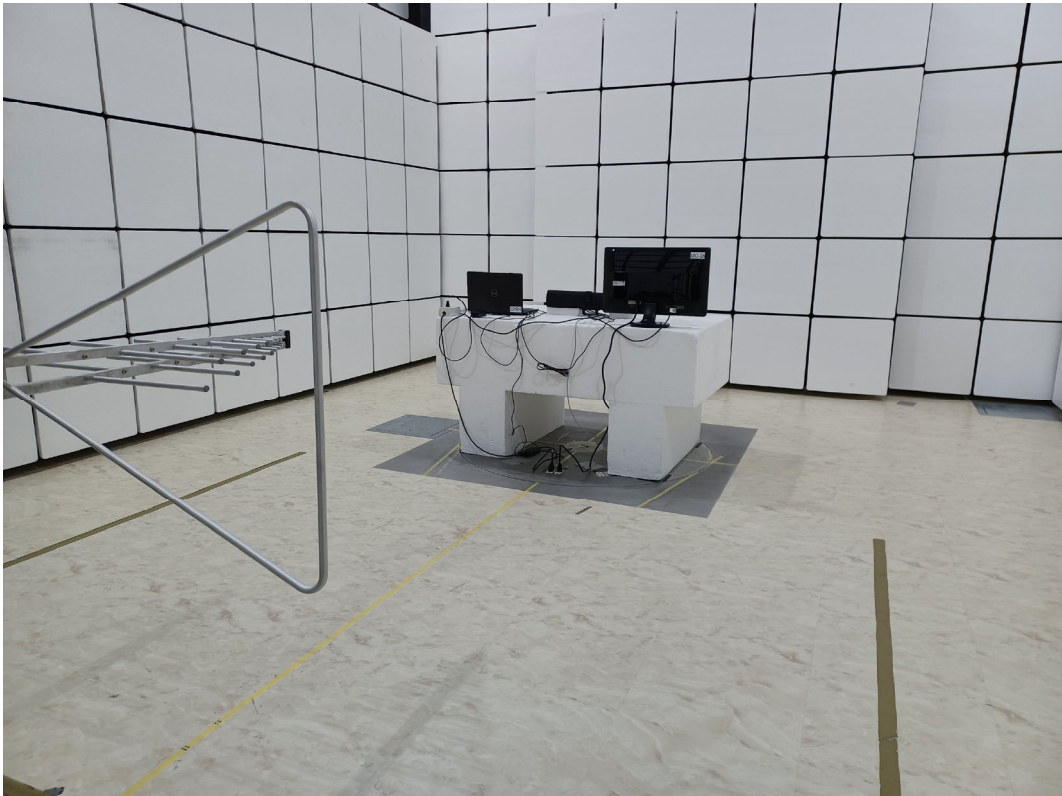
Front View of AC Power Line Conducted Emission Test



Back View of AC Power Line Conducted Emission Test



Radiated Test (Below 1 GHz)



Radiated Test (Above 1 GHz)

