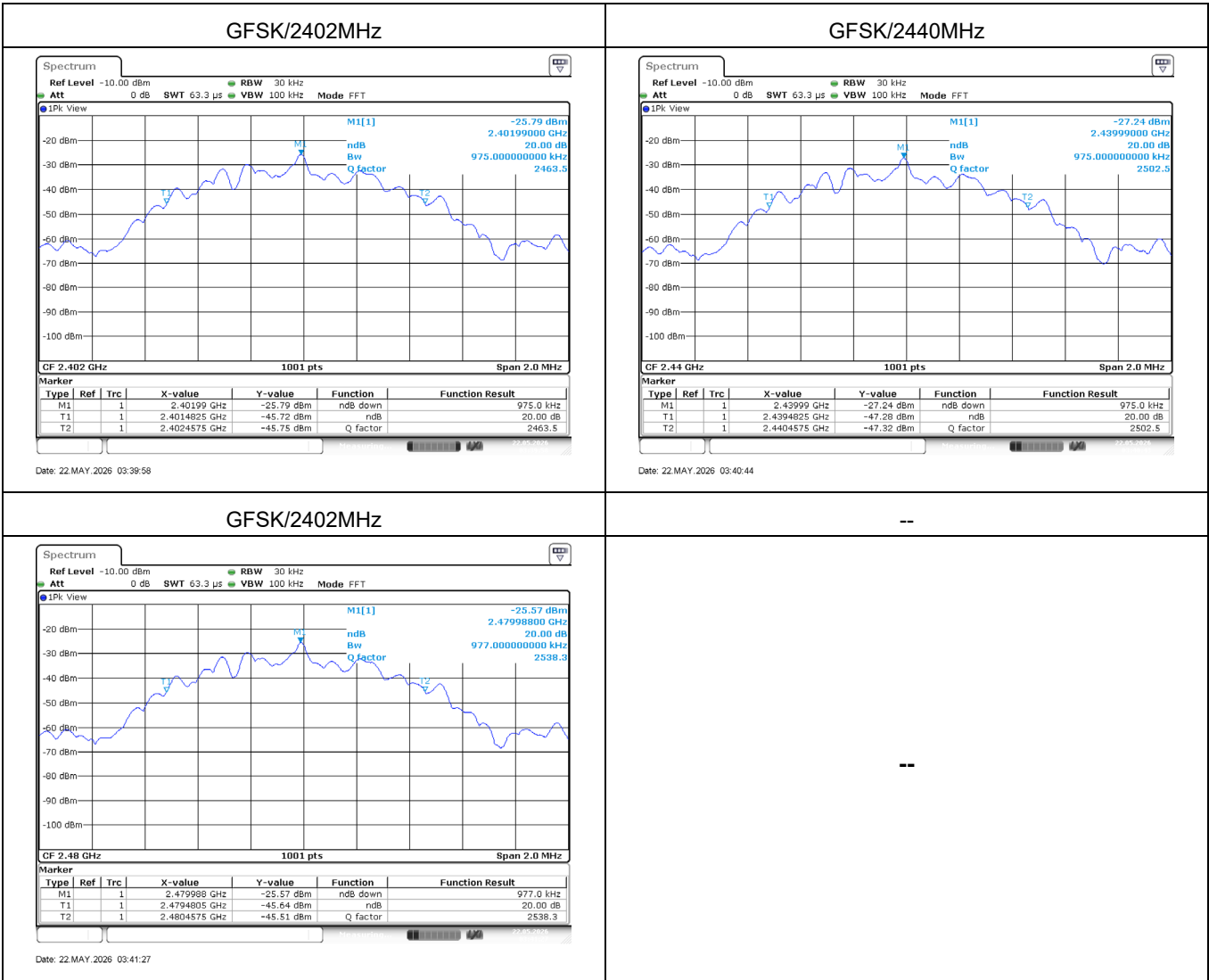


Appendix A. Test Result of AC Power Line Conducted Emission

TX_2.4GWireless_2440MHz_Line								TX_2.4GWireless_2440MHz_Neutral							
Site :HY-SR01 Condition :Line Mode :TX_2.4GWireless_2440MHz test by :Michael Date: 2026-05-13								Site :HY-SR01 Condition :Neutral Mode :TX_2.4GWireless_2440MHz test by :Michael Date: 2026-05-13							
No.	Frequency	Level	Limit	Over	Read	Factor	Remark	No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB			MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.168	48.91	65.03	-16.12	39.28	9.63	QP	1	0.155	58.82	65.75	-14.93	41.18	9.64	QP
2	0.168	25.18	55.03	-29.85	15.55	9.63	Average	2	0.155	27.88	55.75	-27.87	18.24	9.64	Average
3	0.486	36.55	56.23	-25.68	20.89	9.66	QP	3	0.220	43.18	62.84	-19.66	33.53	9.65	QP
4	0.486	23.30	46.23	-22.93	13.64	9.66	Average	4	0.220	18.59	52.84	-34.25	8.94	9.65	Average
5	1.124	29.57	56.00	-26.43	19.89	9.68	QP	5	0.562	26.91	56.00	-29.09	17.26	9.65	QP
6	1.124	22.77	46.00	-23.23	13.09	9.68	Average	6	0.562	18.54	46.00	-27.46	8.89	9.65	Average
7	3.131	18.07	56.00	-37.93	8.17	9.90	QP	7	1.448	24.66	56.00	-31.34	14.98	9.68	QP
8	3.131	8.32	46.00	-37.68	-1.58	9.90	Average	8	1.448	10.25	46.00	-35.75	0.57	9.68	Average
9	8.388	26.66	60.00	-33.34	16.48	10.18	QP	9	7.608	18.17	60.00	-41.83	8.02	10.15	QP
10	8.388	16.16	50.00	-33.84	5.98	10.18	Average	10	7.608	5.43	50.00	-44.57	-4.72	10.15	Average
11	15.072	22.13	60.00	-37.87	12.36	9.77	QP	11	15.355	23.38	60.00	-36.62	13.60	9.78	QP
12	15.072	17.74	50.00	-32.26	7.97	9.77	Average	12	15.355	17.45	50.00	-32.55	7.67	9.78	Average
Note: 1. Level = Read Level + Factor 2. Factor = LISN insertion loss + Cable loss 3. Over Limit = Level - Limit Line								Note: 1. Level = Read Level + Factor 2. Factor = LISN insertion loss + Cable loss 3. Over Limit = Level - Limit Line							

Appendix B. Test Result of 20dB Bandwidth

Modulation	Frequency (MHz)	20dB Bandwidth (MHz)	Limit (MHz)
GFSK	2402	0.975	-
	2440	0.975	-
	2480	0.977	-



Appendix C. Test Result of Field Strength of Fundamental Emissions

Calculating Average Emission

Horizontal Polarization for Average Detector:

Modulation	Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
GFSK	0	2402	99.7	-20.519	79.181	-14.789	93.97
	19	2440	97.61	-20.519	77.091	-16.879	93.97
	39	2480	97.32	-20.519	76.801	-17.169	93.97

Vertical Polarization for Average Detector:

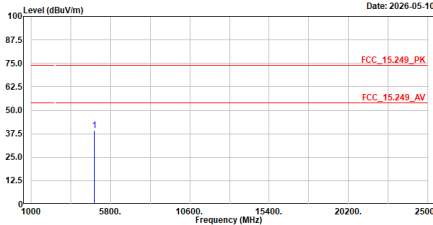
Modulation	Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
GFSK	0	2402	91.69	-20.519	71.171	-22.799	93.97
	19	2440	89.33	-20.519	68.811	-25.159	93.97
	39	2480	90.71	-20.519	70.191	-23.779	93.97

Appendix D. Test Result of Radiated Emission

TX_2.4GWireless_2402MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_2.4GWireless_2402MHz
TEST BY :Caster

Date: 2026-05-10



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4884.000	39.09	74.00	-34.91	53.92	-14.83	Peak

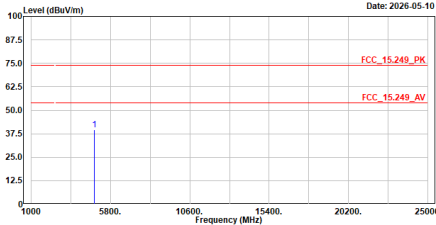
Note:

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_2.4GWireless_2402MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2402MHz
TEST BY :Caster

Date: 2026-05-10



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4884.000	39.59	74.00	-34.41	54.42	-14.83	Peak

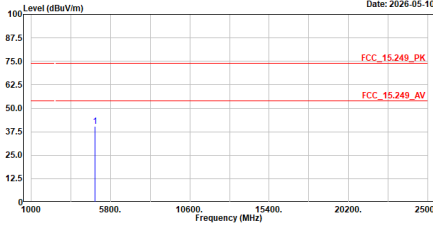
Note:

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_2.4GWireless_2440MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_2.4GWireless_2440MHz
TEST BY :Caster

Date: 2026-05-10



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4880.000	40.32	74.00	-33.68	55.12	-14.80	Peak

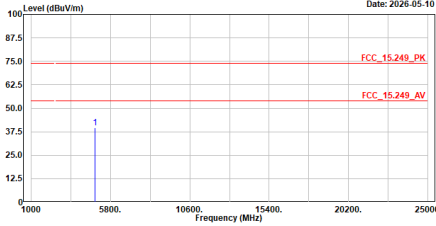
Note:

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.

TX_2.4GWireless_2440MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2440MHz
TEST BY :Caster

Date: 2026-05-10



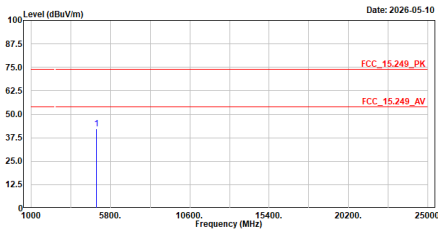
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4880.000	39.45	74.00	-34.55	54.25	-14.80	Peak

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.

TX_2.4GWireless_2480MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_2.4GWireless_2480MHz
TEST BY :Caster

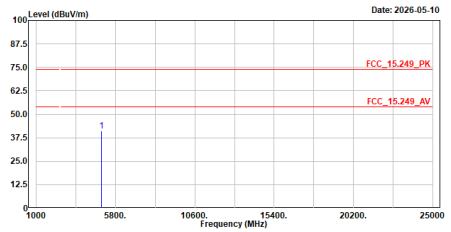


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4960.000	42.22	74.00	-31.78	56.79	-14.57	Peak

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.

TX_2.4GWireless_2480MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2480MHz
TEST BY :Caster

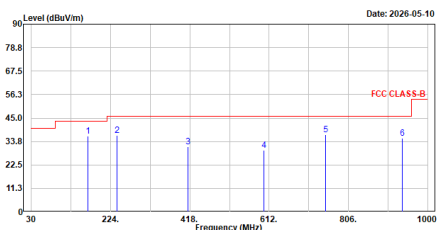


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4960.000	41.25	74.00	-32.75	55.82	-14.57	Peak

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.

TX_2.4GWireless_2440MHz_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_2.4GWireless_2440MHz
TEST BY :Caster

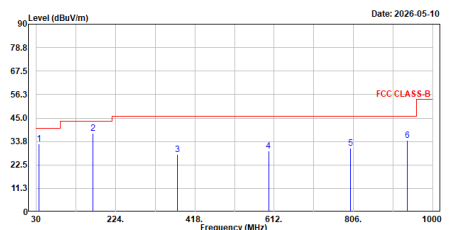


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	167.907	36.24	43.50	-7.26	60.63	-24.39	QP
2	240.111	36.83	46.00	-9.17	62.09	-25.26	QP
3	413.820	31.18	46.00	-14.82	51.61	-20.43	QP
4	598.979	29.50	46.00	-16.50	45.44	-15.94	QP
5	750.037	36.95	46.00	-9.05	50.26	-13.31	QP
6	937.547	35.42	46.00	-10.58	46.66	-11.24	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_2.4GWireless_2440MHz_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2440MHz
TEST BY :Caster

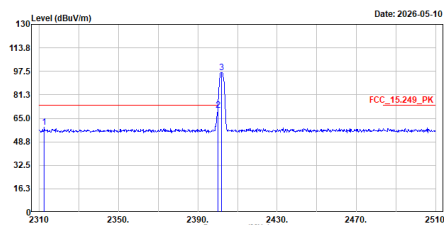


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	35.900	32.53	40.00	-7.47	57.32	-24.79	QP
2	168.157	37.61	43.50	-5.89	62.01	-24.40	QP
3	375.018	27.51	46.00	-18.49	48.69	-21.18	QP
4	598.379	29.19	46.00	-16.81	45.15	-15.96	QP
5	798.740	30.57	46.00	-15.43	43.29	-12.72	QP
6	937.547	34.37	46.00	-11.63	45.61	-11.24	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_2.4GWireless_2402MHz_H_Peak

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_2.4GWireless_2402MHz
TEST BY :Caster

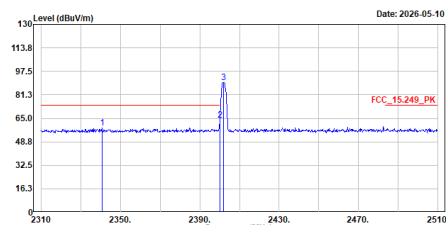


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2312.600	58.68	74.00	-15.32	28.90	29.78	Peak
2	2400.000	70.00	74.00	-3.12	40.58	30.00	Peak
3	2401.800	96.74	-----	-----	66.76	29.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_2.4GWireless_2402MHz_V_Peak

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2402MHz
TEST BY :Caster

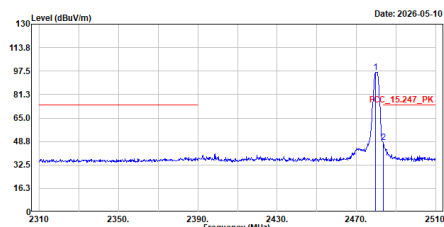


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2340.600	58.58	74.00	-15.42	28.62	29.96	Peak
2	2400.000	63.05	74.00	-10.15	33.85	30.00	Peak
3	2401.800	89.76	-----	-----	59.78	29.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_2.4GWireless_2480MHz_H_Peak

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_2.4GWireless_2480MHz
TEST BY :Caster

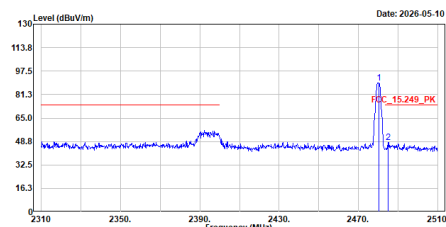


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2479.800	96.67	-----	-----	66.72	29.95	Peak
2	2483.600	48.11	74.00	-25.89	18.20	29.91	Peak

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_2.4GWireless_2480MHz_V_Peak

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_2.4GWireless_2480MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.400	89.10	-----	-----	83.85	5.25	Peak
2	2485.000	47.97	74.00	-26.03	42.76	5.21	Peak

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.

Calculating Average Emission

Horizontal Polarization for Average Detector:

Modulation	Channel No.	Frequency (MHz)	Peak Measurement (dB μ V/m)	Duty Cycle Factor (dB)	Measurement Level (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)
GFSK	0	2312.6	58.68	-20.519	38.161	-15.839	54
		2400	70.88	-20.519	50.361	-3.63898	54
		2401.8	96.74	-20.519	76.221	--	--
	39	2479.8	96.67	-20.519	76.151	--	--
		2483.6	48.11	-20.519	27.591	-20.01	54

Vertical Polarization for Average Detector:

Modulation	Channel No.	Frequency (MHz)	Peak Measurement (dB μ V/m)	Duty Cycle Factor (dB)	Measurement Level (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)
GFSK	0	2340.6	58.58	-20.519	38.061	-15.939	54
		2400	63.85	-20.519	43.331	-10.669	54
		2401.8	89.76	-20.519	69.241	--	--
	39	2480.4	89.1	-20.519	68.581	--	--
		2485	47.97	-20.519	27.451	-26.549	54