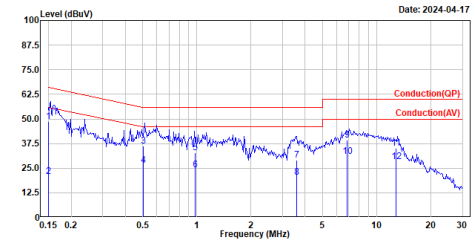
Appendix A. Test Result of AC Power Line Conducted Emission

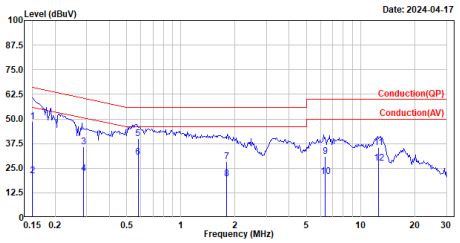
Site :HY-SR01
Condition :Line
Mode :TX_wireless_2440MHz
test by :Jimmy



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.150	48.55	65.99	-17.44	38.87	9.68	QP
2	0.150	20.87	55.99	-35.12	11.19	9.68	Average
3	0.502	36.40	56.00	-19.60	26.72	9.68	QP
4	0.502	26.23	46.00	-19.77	16.55	9.68	Average
5	0.980	32.99	56.00	-23.01	23.27	9.72	QP
6	0.980	24.05	46.00	-21.95	14.33	9.72	Average
7	3.584	28.91	56.00	-27.09	18.55	10.36	QP
8	3.584	20.26	46.00	-25.74	9.90	10.36	Average
9	6.834	39.13	60.00	-20.87	28.31	10.82	QP
10	6.834	31.10	50.00	-18.90	20.28	10.82	Average
11	12.799	34.98	60.00	-25.02	24.18	10.80	QP
12	12.799	28.15	50.00	-21.85	17.35	10.80	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_wireless_2440MHz
test by :Jimmy

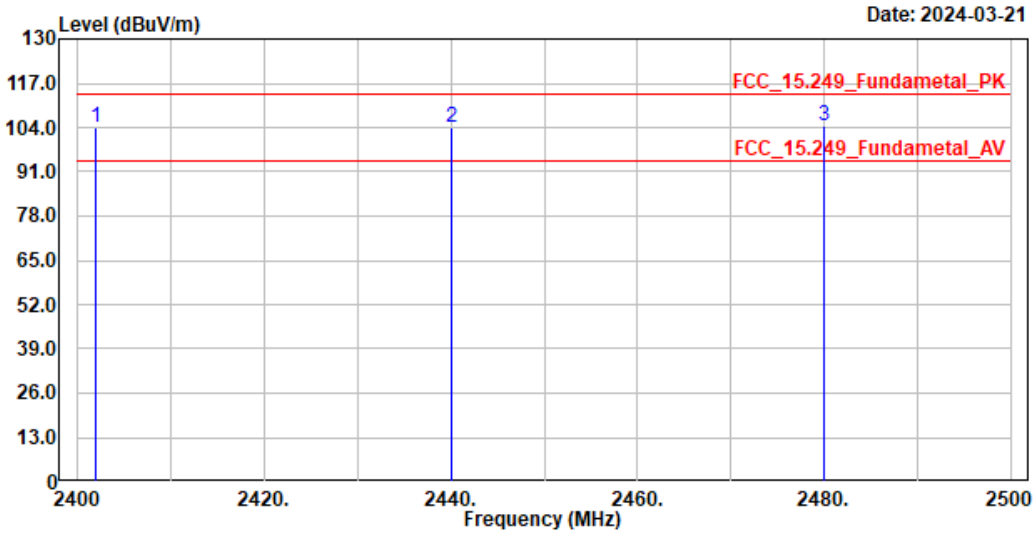


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.150	48.57	65.98	-17.41	38.91	9.66	QP
2	0.150	21.22	55.98	-34.76	11.56	9.66	Average
3	0.289	35.78	60.57	-24.79	26.13	9.65	QP
4	0.289	22.41	50.57	-28.16	12.76	9.65	Average
5	0.579	40.08	56.00	-15.92	30.42	9.66	QP
6	0.579	30.70	46.00	-15.30	21.04	9.66	Average
7	1.800	28.39	56.00	-27.61	18.61	9.78	QP
8	1.800	19.71	46.00	-26.29	9.93	9.78	Average
9	6.366	30.93	60.00	-29.07	20.11	10.82	QP
10	6.366	20.65	50.00	-29.35	9.83	10.82	Average
11	12.552	35.63	60.00	-24.37	24.81	10.82	QP
12	12.552	27.41	50.00	-22.59	16.59	10.82	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 Field Strength of Fundamental

```
Site       :HY-CB02
Condition  :3m    ,Horizontal
mode       :TX_Fundamental_X
Test by    :Rock
```



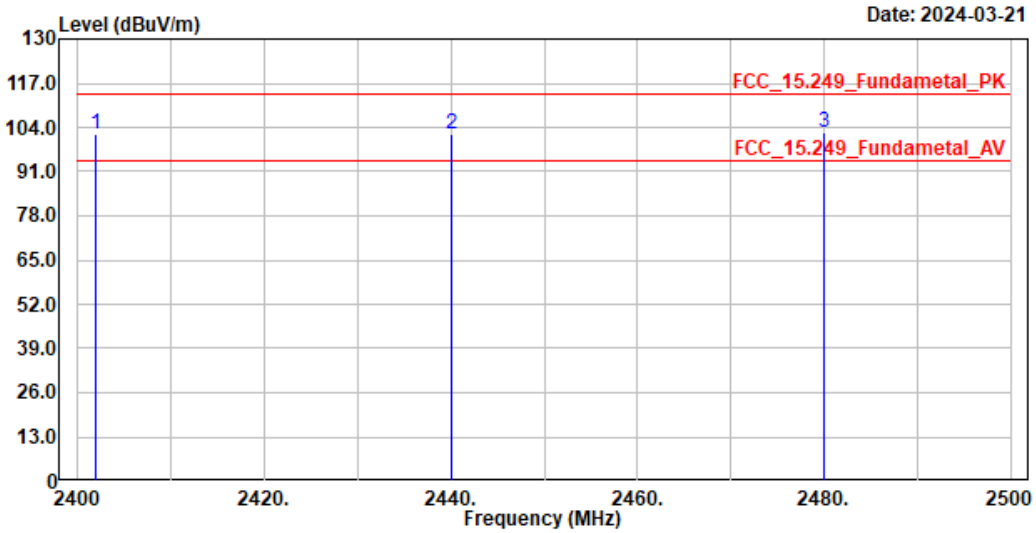
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2402.000	103.82	113.97	-10.15	97.82	6.00	Peak
2	2440.000	103.97	113.97	-10.00	98.14	5.83	Peak
3	2480.000	104.41	113.97	-9.56	98.47	5.94	Peak

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2402	103.82	-26.375	77.445	-16.525	93.970
2440	103.97	-26.375	77.595	-16.375	93.970
2480	104.41	-26.375	78.035	-15.935	93.970

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_Fundamental_X
Test by :Rock



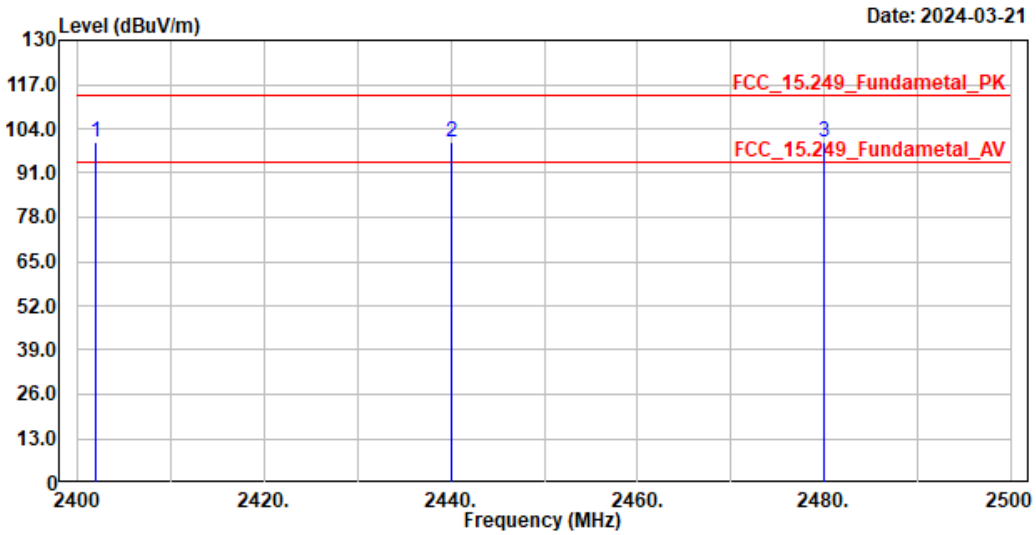
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2402.000	102.14	113.97	-11.83	96.14	6.00	Peak
2	2440.000	102.00	113.97	-11.97	96.17	5.83	Peak
3	2480.000	102.65	113.97	-11.32	96.71	5.94	Peak

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.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2402	102.14	-26.375	75.765	-18.205	93.970
2440	102.00	-26.375	75.625	-18.345	93.970
2480	102.65	-26.375	76.275	-17.695	93.970

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_Fundamental_Y
Test by :Rock



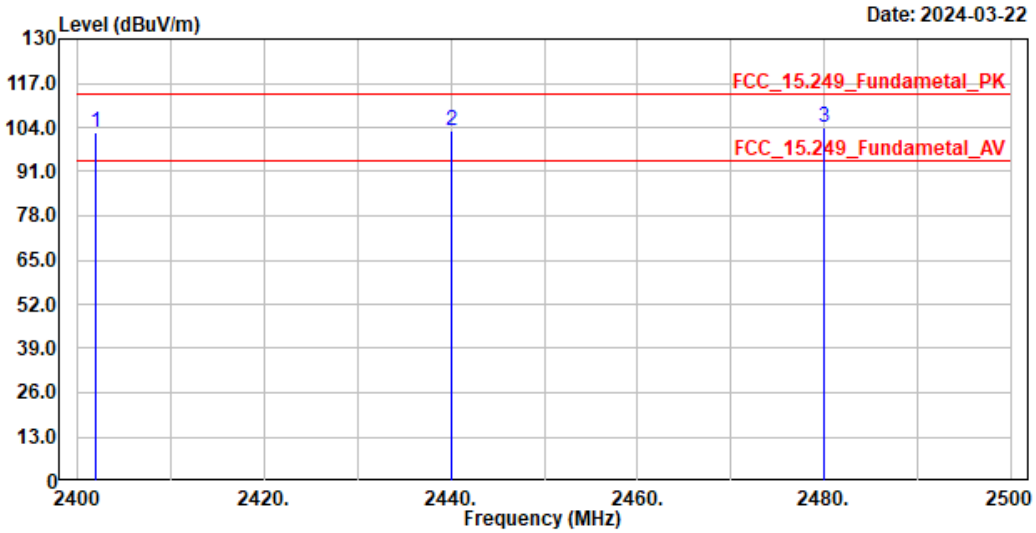
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2402.000	99.94	113.97	-14.03	93.94	6.00	Peak
2	2440.000	99.94	113.97	-14.03	94.11	5.83	Peak
3	2480.000	100.26	113.97	-13.71	94.32	5.94	Peak

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2402	99.94	-26.375	73.565	-20.405	93.970
2440	99.94	-26.375	73.565	-20.405	93.970
2480	100.26	-26.375	73.885	-20.085	93.970

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_Fundamental_Y
Test by :Rock



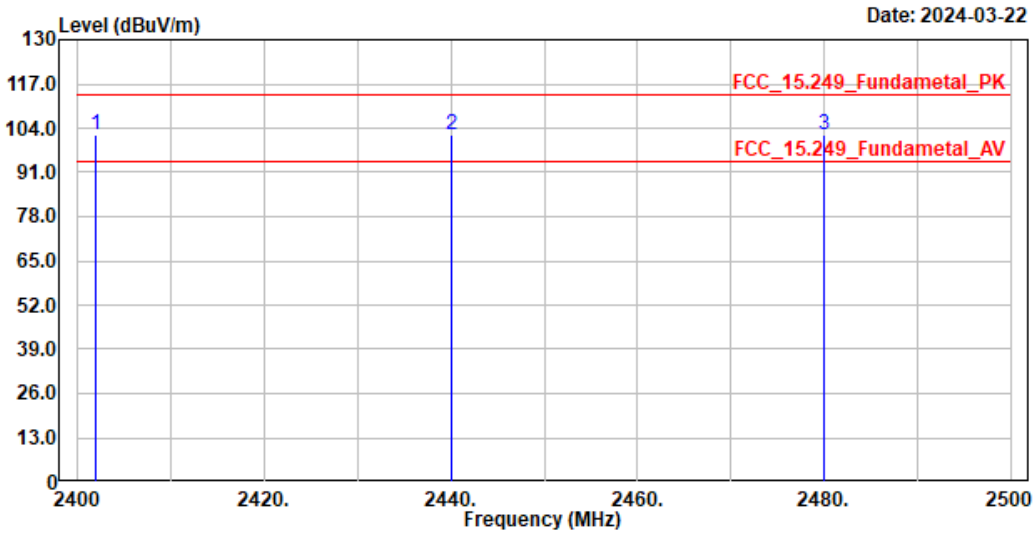
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2402.000	102.54	113.97	-11.43	96.54	6.00	Peak
2	2440.000	102.82	113.97	-11.15	96.99	5.83	Peak
3	2480.000	104.09	113.97	-9.88	98.15	5.94	Peak

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.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2402	102.54	-26.375	76.165	-17.805	93.970
2440	102.82	-26.375	76.445	-17.525	93.970
2480	104.09	-26.375	77.715	-16.255	93.970

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_Fundamental_Z
Test by :Rock



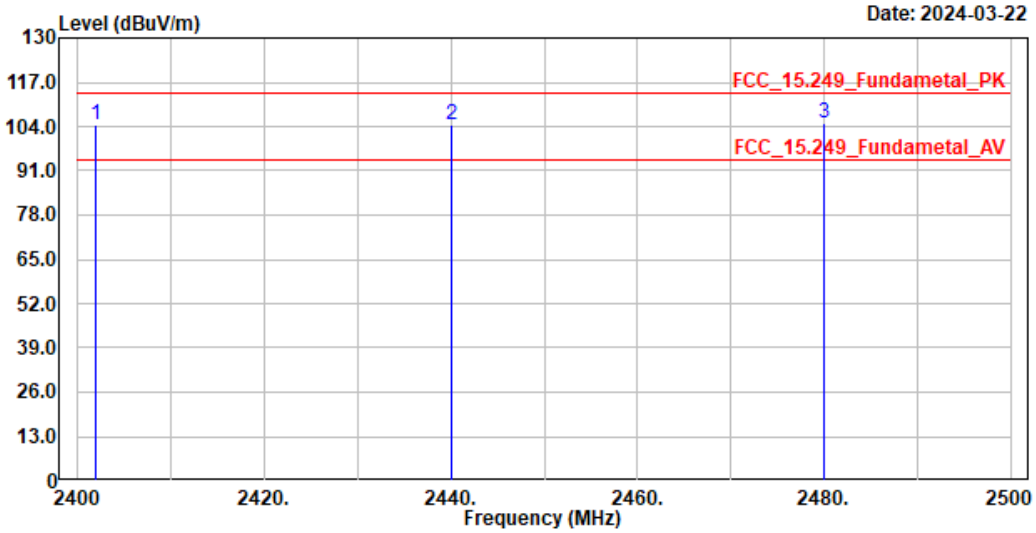
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2402.000	101.88	113.97	-12.09	95.88	6.00	Peak
2	2440.000	102.01	113.97	-11.96	96.18	5.83	Peak
3	2480.000	102.06	113.97	-11.91	96.12	5.94	Peak

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2402	101.88	-26.375	75.505	-18.465	93.970
2440	102.01	-26.375	75.635	-18.335	93.970
2480	102.06	-26.375	75.685	-18.285	93.970

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_Fundamental_Z
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2402.000	104.57	113.97	-9.40	98.57	6.00	Peak
2	2440.000	104.72	113.97	-9.25	98.89	5.83	Peak
3	2480.000	104.75	113.97	-9.22	98.81	5.94	Peak

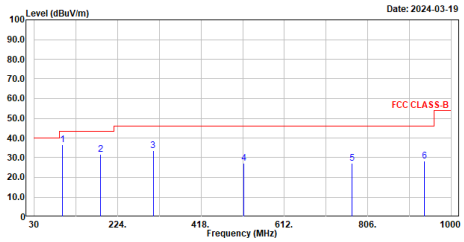
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2402	104.57	-26.375	78.195	-15.775	93.970
2440	104.72	-26.375	78.345	-15.625	93.970
2480	104.75	-26.375	78.375	-15.595	93.970

Appendix C. Test Result of Radiated Emissions

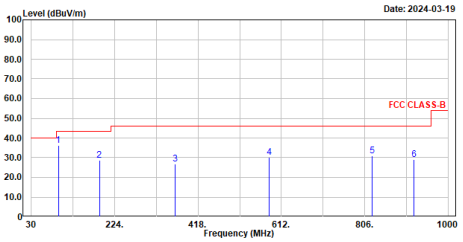
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_wireless_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	95.960	36.66	43.50	-6.84	65.09	-28.43	QP
2	184.715	31.75	43.50	-11.75	57.26	-25.51	QP
3	306.644	33.69	46.00	-12.31	56.15	-22.46	QP
4	518.395	27.10	46.00	-18.90	44.27	-17.17	QP
5	768.849	27.11	46.00	-18.89	39.44	-12.33	QP
6	937.532	28.40	46.00	-17.60	38.73	-10.33	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.

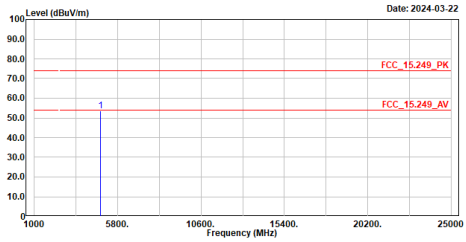
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_wireless_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	93.147	36.07	43.50	-7.43	64.88	-28.81	QP
2	188.595	28.76	43.50	-14.74	54.71	-25.95	QP
3	364.359	26.76	46.00	-19.24	47.92	-21.16	QP
4	583.870	30.30	46.00	-15.70	45.87	-15.57	QP
5	823.751	31.02	46.00	-14.98	42.87	-11.85	QP
6	920.654	29.09	46.00	-16.91	39.68	-10.59	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.

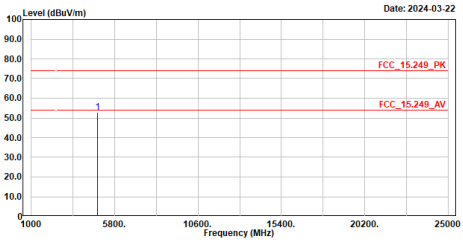
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_wireless_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	53.67	74.00	-20.33	60.81	-7.14	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.

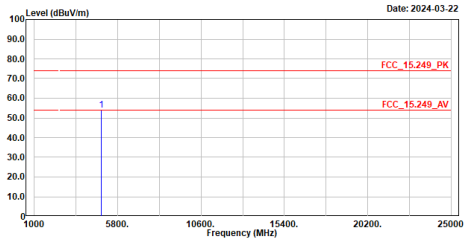
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_wireless_2402MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	52.70	74.00	-21.30	59.84	-7.14	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.

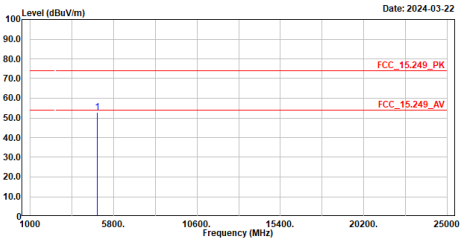
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_wireless_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	53.96	74.00	-20.04	60.77	-6.81	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.

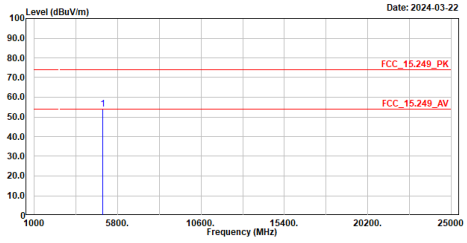
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_wireless_2440MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	52.75	74.00	-21.25	59.56	-6.81	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.

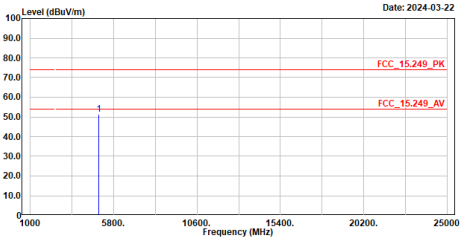
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_wireless_2480MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	53.80	74.00	-20.20	60.31	-6.51	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.

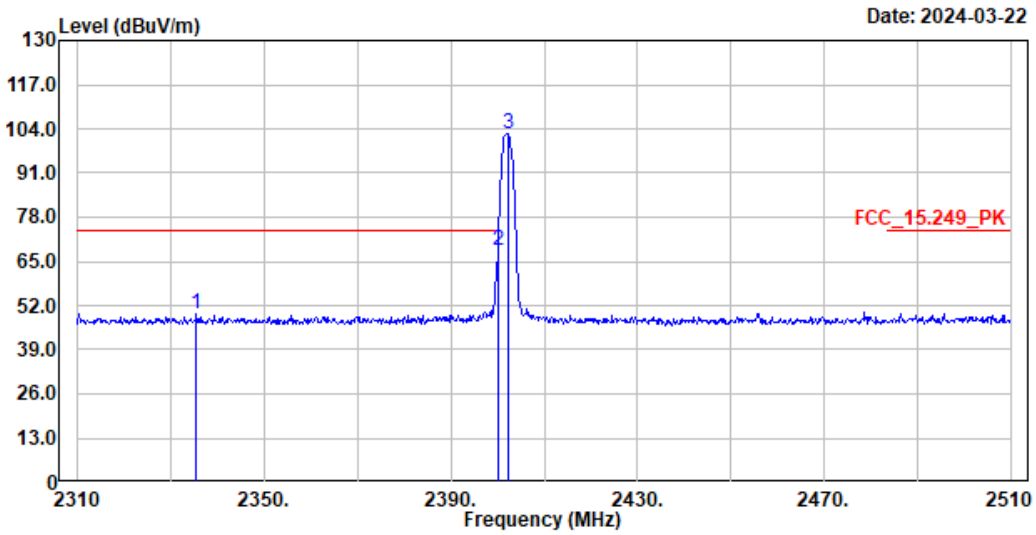
Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_wireless_2480MHz
Test by :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	51.32	74.00	-22.68	57.83	-6.51	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-CB02
Condition :3m ,Horizontal
mode :TX_2.4g Wireless_2402MHz
Test by :Rock



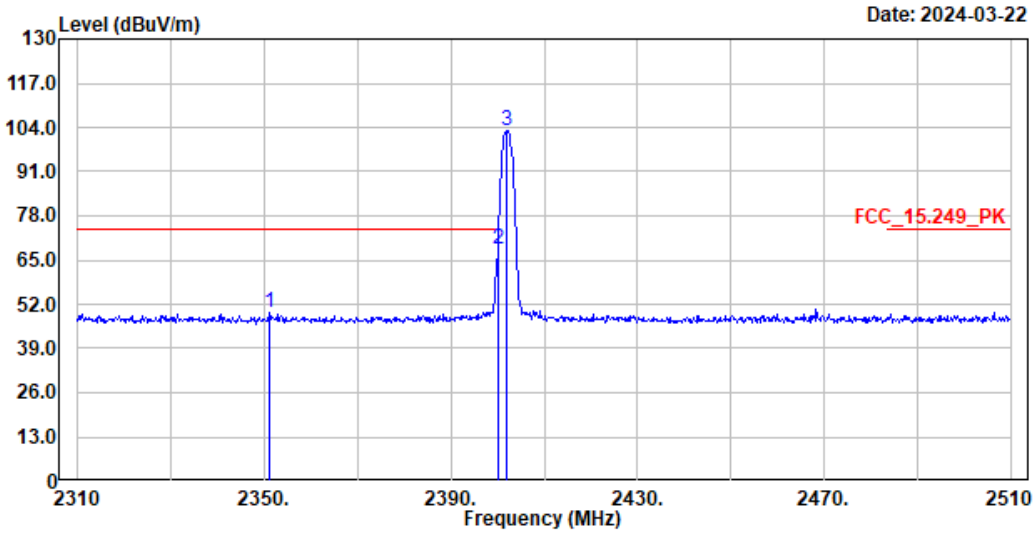
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2335.400	49.68	74.00	-24.32	43.59	6.09	Peak
2	2400.000	68.40	74.00	-5.60	62.40	6.00	Peak
3	2402.200	102.71	------	------	96.71	6.00	Peak

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2335.4	49.68	-26.375	23.305	-30.695	54.000
2400	68.40	-26.375	42.025	-11.975	54.000
2402	102.71	-26.375	76.335	--	--

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_2.4g Wireless_2402MHz
Test by :Rock



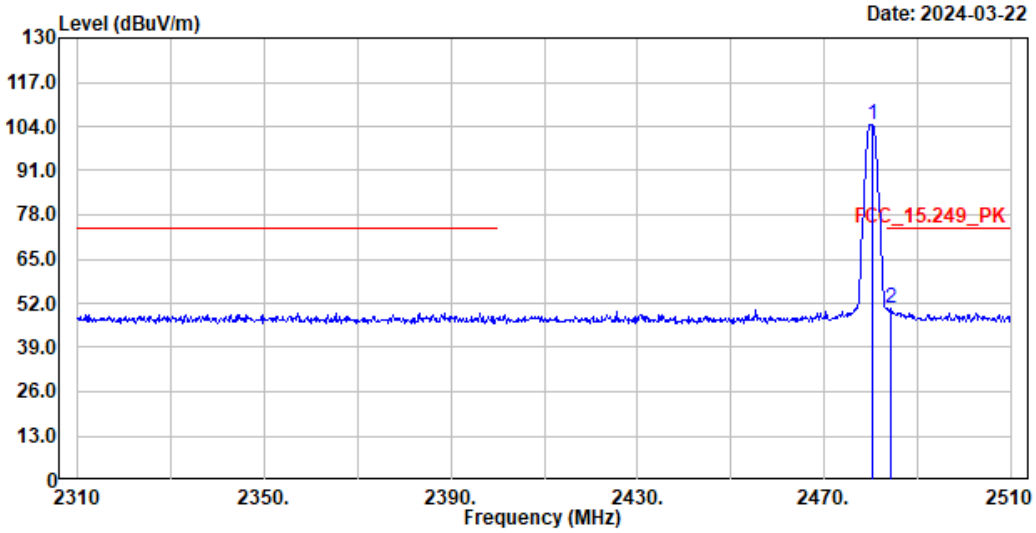
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2351.000	49.52	74.00	-24.48	43.46	6.06	Peak
2	2400.000	68.36	74.00	-5.64	62.36	6.00	Peak
3	2402.000	102.96	------	------	96.96	6.00	Peak

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.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBµV/m)	Duty Cycle Factor (dB)	Measurement Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)
2351	49.52	-26.375	23.145	-30.855	54.000
2400	68.36	-26.375	41.985	-12.015	54.000
2402	102.96	-26.375	76.585	--	--

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_2.4g Wireless_2480MHz
Test by :Rock



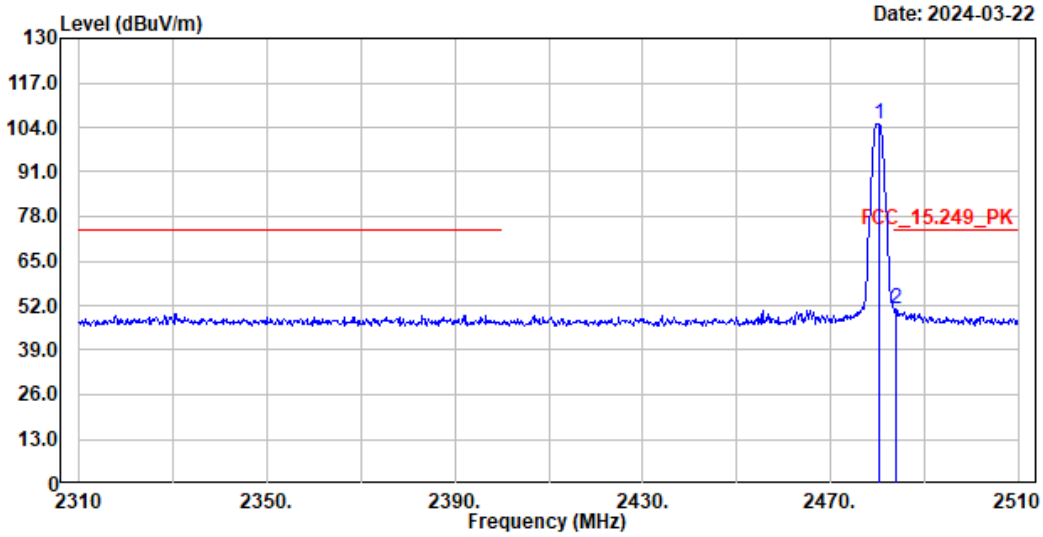
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	104.49	------	------	98.55	5.94	Peak
2	2484.200	50.49	74.00	-23.51	44.51	5.98	Peak

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

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2480.2	104.49	-26.375	78.115	--	--
2484.2	50.49	-26.375	24.115	-29.885	54.000

```
Site       :HY-CB02
Condition  :3m    ,Vertical
mode       :TX_2.4g Wireless_2480MHz
Test by    :Rock
```



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.200	105.15	------	------	99.21	5.94	Peak
2	2483.800	51.02	74.00	-22.98	45.04	5.98	Peak

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

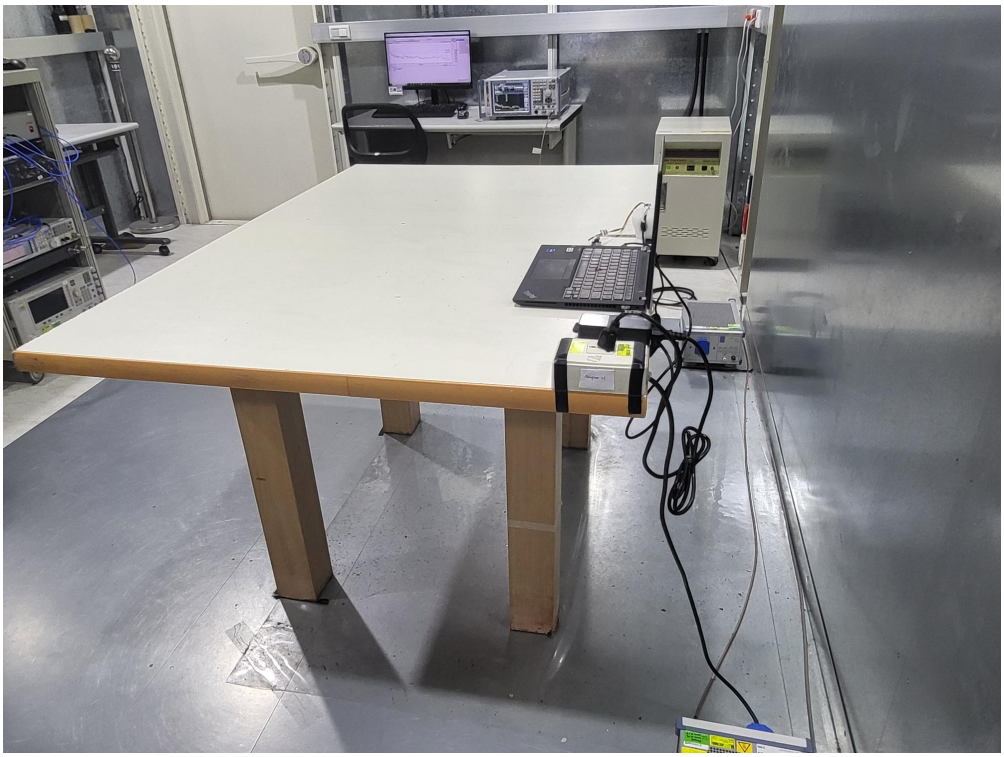
Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2480.2	105.15	-26.375	78.775	--	--
2483.8	51.02	-26.375	24.645	-29.355	54.000

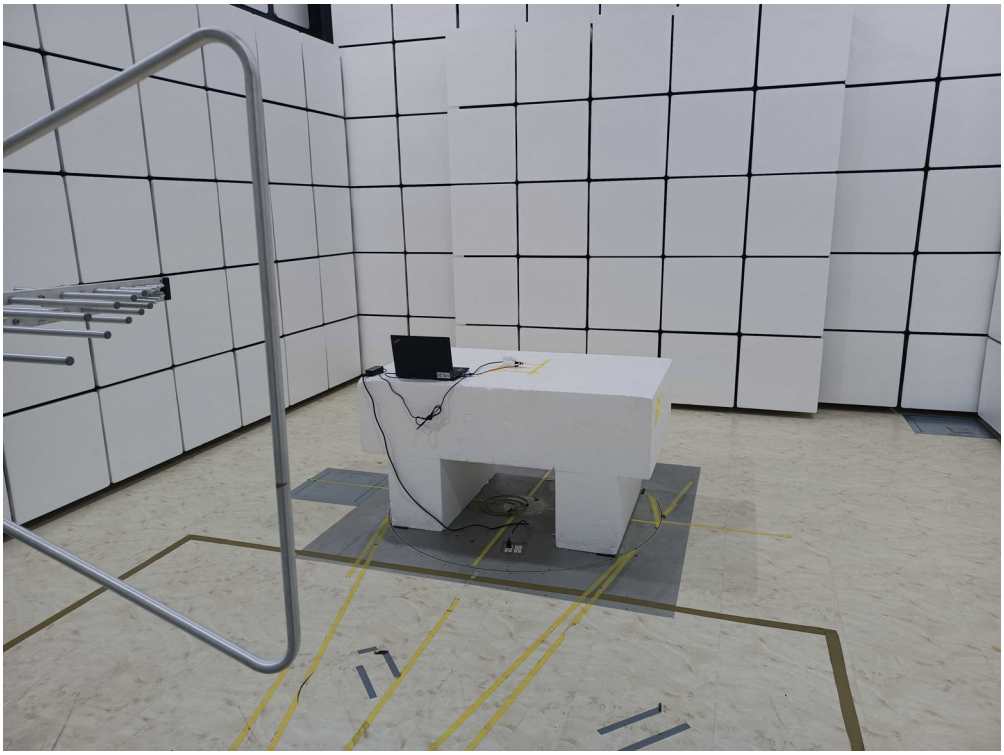
Appendix D. Test Setup Photograph

Front View of Conducted Test

Back View of Conducted Test



Radiated Test



Radiated Test (Horn)