

No.	Frequency MHz	Reading dB μ V/m	Level dB μ V/m	Factor dB	Limit dB μ V/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2310.0000	47.05	52.64	5.59	74.00	21.36	200	126	Horizontal	/
2	2384.6106	48.89	53.64	4.75	74.00	20.36	100	344	Horizontal	/
3	2390.0000	47.02	51.82	4.80	74.00	22.18	200	265	Horizontal	/
4	2402.2213	96.80	101.69	4.89	74.00	-27.69	100	136	Horizontal	No limit
1	2310.0000	46.46	51.35	4.89	74.00	22.65	200	107	Vertical	/
2	2387.7100	48.49	53.67	5.18	74.00	20.33	100	114	Vertical	/
3	2390.0000	45.87	51.09	5.22	74.00	22.91	100	324	Vertical	/
4	2401.6988	100.77	106.16	5.39	74.00	-32.16	100	124	Vertical	No limit

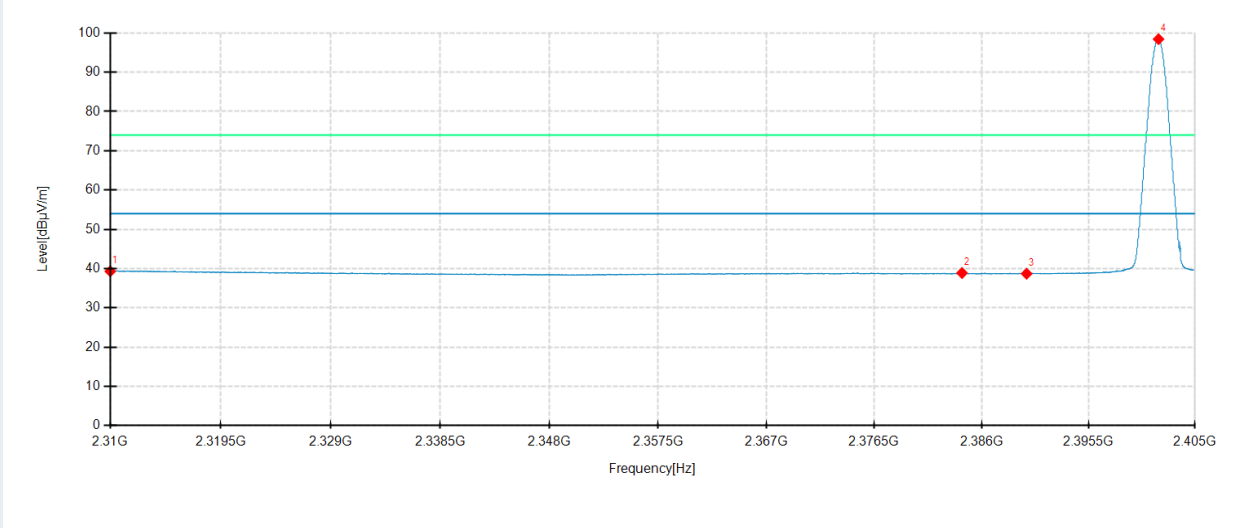
----- The following blanks -----

Lowest Frequency

Frequency 2402MHz

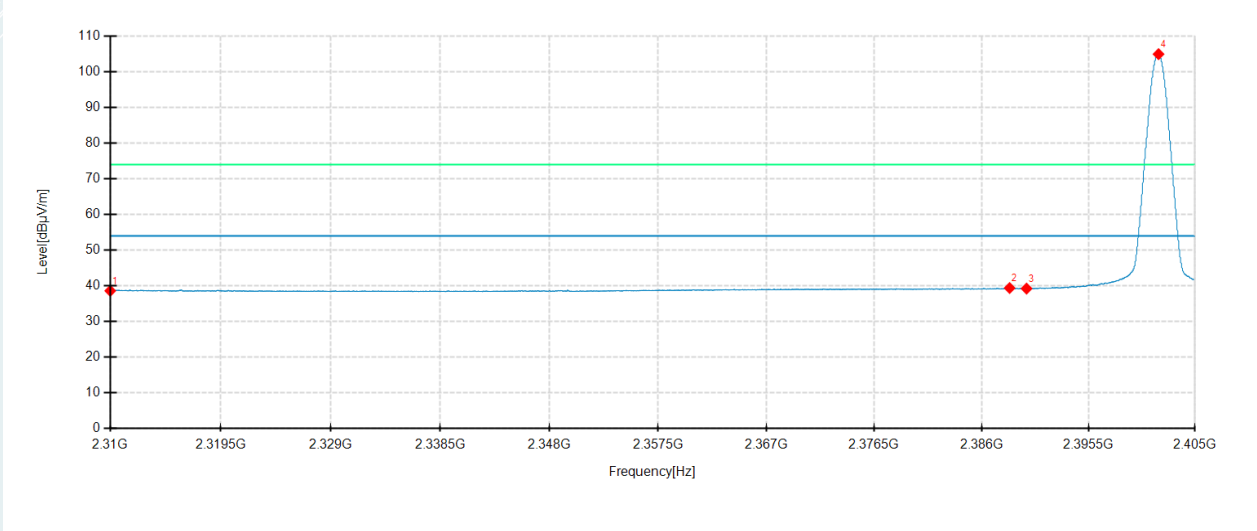
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



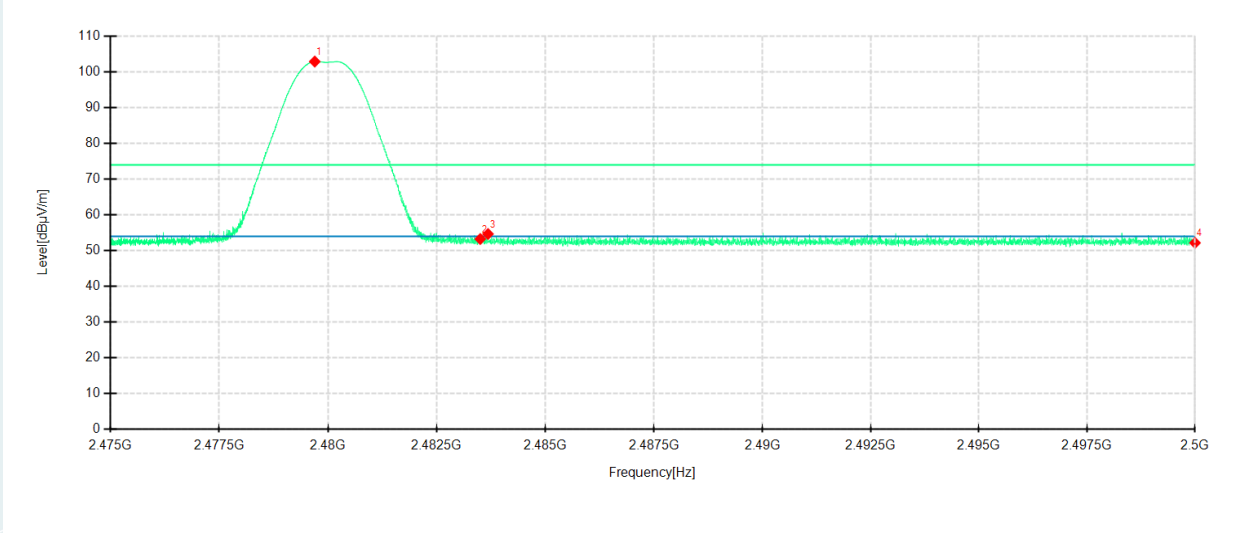
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2310.0000	33.73	39.32	5.59	54.00	14.68	100	204	Horizontal	/
2	2384.2781	34.13	38.88	4.75	54.00	15.12	200	174	Horizontal	/
3	2390.0000	33.90	38.70	4.80	54.00	15.30	100	153	Horizontal	/
4	2401.7463	93.53	98.42	4.89	54.00	-44.42	100	95	Horizontal	No limit
1	2310.0000	33.73	38.62	4.89	54.00	15.38	200	236	Vertical	/
2	2388.4938	34.21	39.40	5.19	54.00	14.60	100	125	Vertical	/
3	2390.0000	34.02	39.24	5.22	54.00	14.76	100	125	Vertical	/
4	2401.7463	99.53	104.92	5.39	54.00	-50.92	100	125	Vertical	No limit

Highest Frequency

Frequency 2480MHz

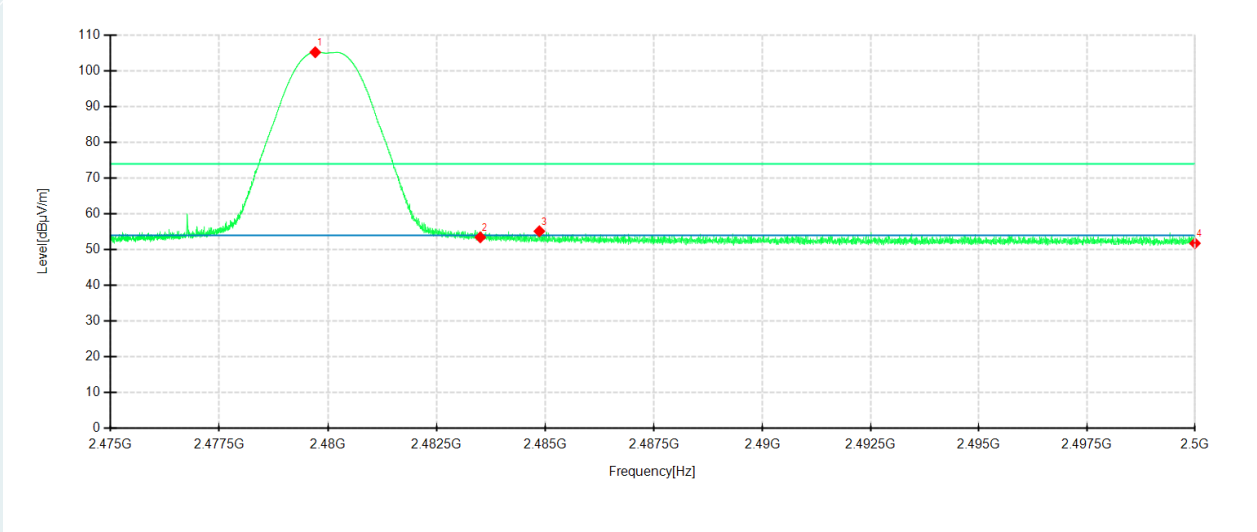
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



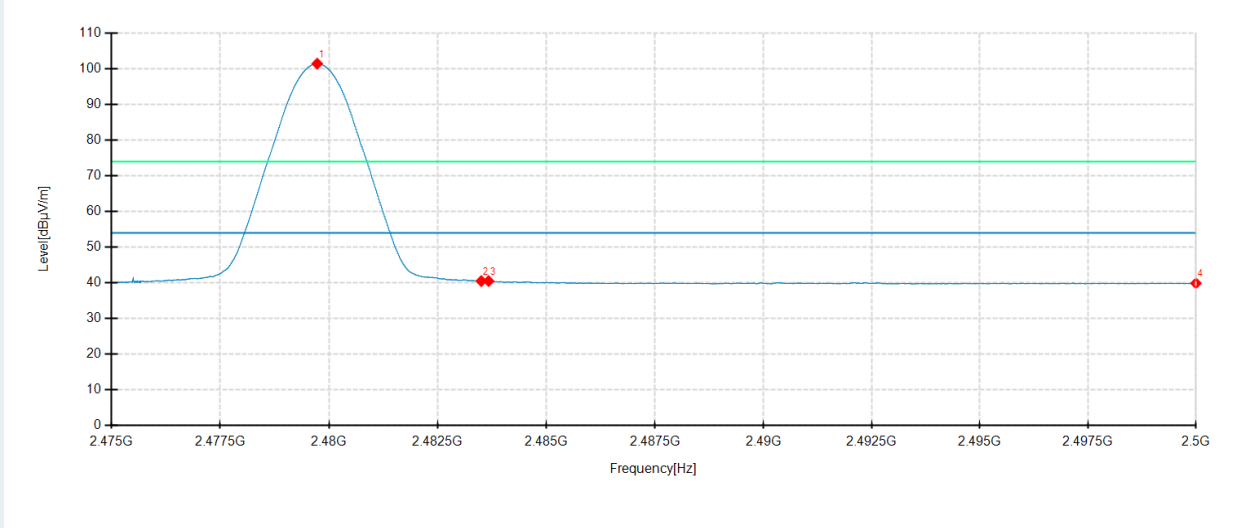
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBµV/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2479.6938	97.31	102.87	5.56	74.00	-28.87	200	55	Horizontal	No limit
2	2483.5000	47.63	53.26	5.63	74.00	20.74	200	105	Horizontal	/
3	2483.6781	49.01	54.65	5.64	74.00	19.35	200	36	Horizontal	/
4	2500.0000	46.27	52.17	5.90	74.00	21.83	100	345	Horizontal	/
1	2479.7063	99.50	105.19	5.69	74.00	-31.19	100	360	Vertical	No limit
2	2483.5000	47.75	53.45	5.70	74.00	20.55	100	292	Vertical	/
3	2484.8594	49.45	55.14	5.69	74.00	18.86	200	126	Vertical	/
4	2500.0000	46.08	51.78	5.70	74.00	22.22	200	134	Vertical	/

Highest Frequency

Frequency 2480MHz

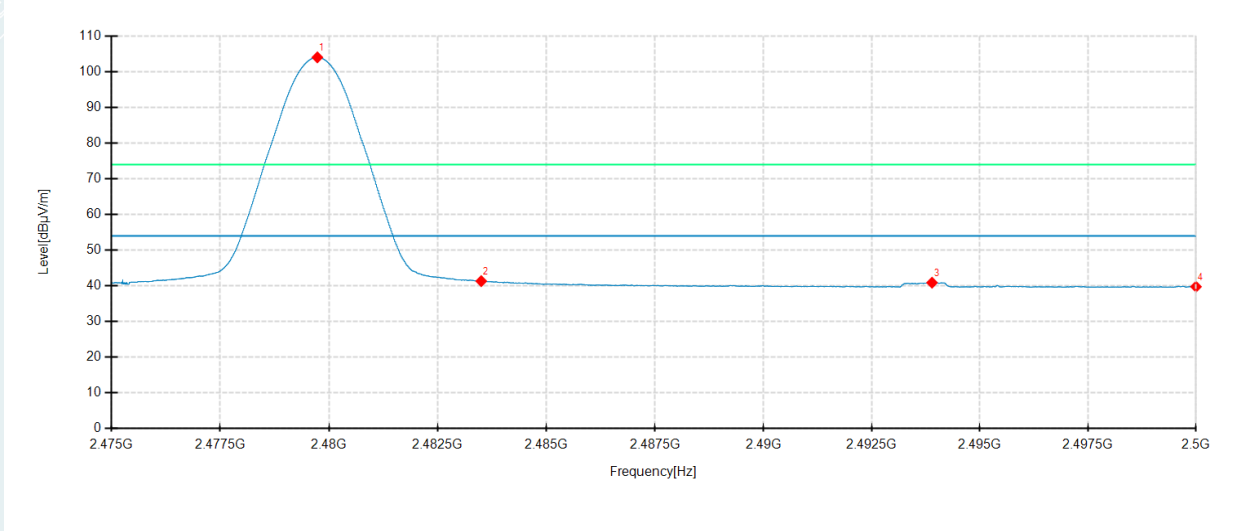
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBµV/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2479.7281	95.83	101.40	5.57	54.00	-47.40	200	56	Horizontal	No limit
2	2483.5000	34.87	40.50	5.63	54.00	13.50	200	56	Horizontal	/
3	2483.6688	34.88	40.52	5.64	54.00	13.48	200	56	Horizontal	/
4	2500.0000	33.98	39.88	5.90	54.00	14.12	100	324	Horizontal	/
1	2483.5000	35.63	41.33	5.70	54.00	12.67	100	360	Vertical	No limit
2	2493.8938	35.20	40.90	5.70	54.00	13.10	100	57	Vertical	/
3	2500.0000	34.07	39.77	5.70	54.00	14.23	100	16	Vertical	/
4	2479.7313	98.32	104.01	5.69	54.00	-50.01	100	360	Vertical	/

Remark: Max field strength in 3m distance. No any other emission which falls in restricted bands can be detected and be reported.

Equipment:	Motion and Light Sensor P2	Test Date	2023-09-05
Model No.:	ML-S03D	Test Engineer:	Zhang Zishan
Test Voltage:	DC 3V	Environmental Conditions	25.8°C/53%RH/101.0kPa

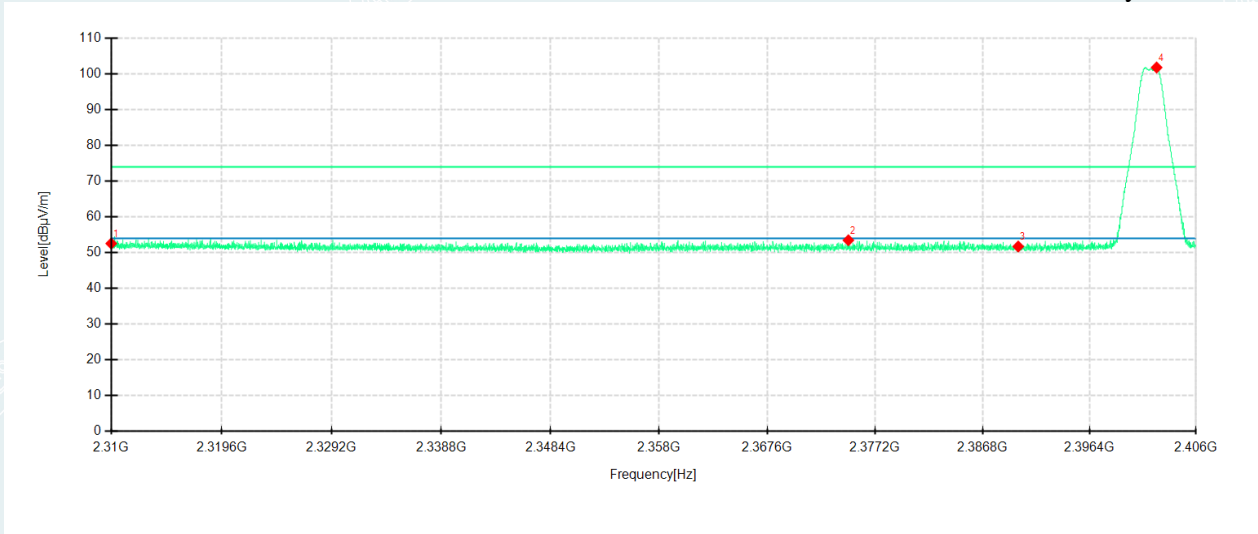
BLE 2M

Lowest Frequency

Frequency 2402MHz

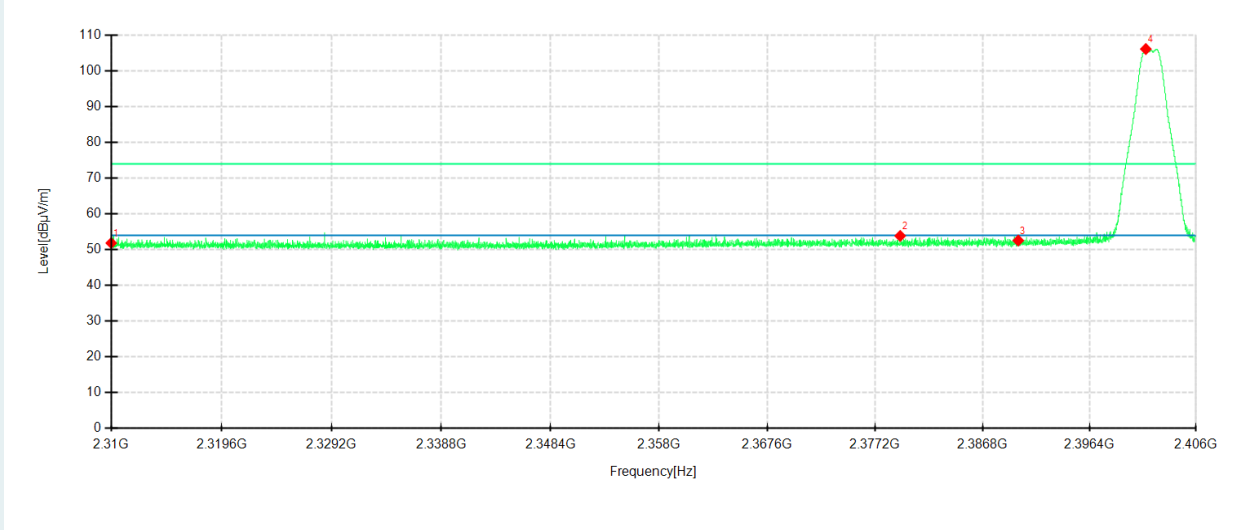
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



No.	Frequency MHz	Reading dB μ V/m	Level dB μ V/m	Factor dB	Limit dB μ V/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2310.0000	46.96	52.55	5.59	74.00	21.45	200	95	Horizontal	/
2	2374.8120	48.79	53.46	4.67	74.00	20.54	200	114	Horizontal	/
3	2390.0000	46.91	51.71	4.80	74.00	22.29	200	45	Horizontal	/
4	2402.4480	96.87	101.76	4.89	74.00	-27.76	100	136	Horizontal	No limit
1	2310.0000	46.95	51.84	4.89	74.00	22.16	100	15	Vertical	/
2	2379.4320	48.80	53.84	5.04	74.00	20.16	200	333	Vertical	/
3	2390.0000	47.33	52.55	5.22	74.00	21.45	100	173	Vertical	/
4	2401.4760	100.70	106.09	5.39	74.00	-32.09	100	123	Vertical	No limit

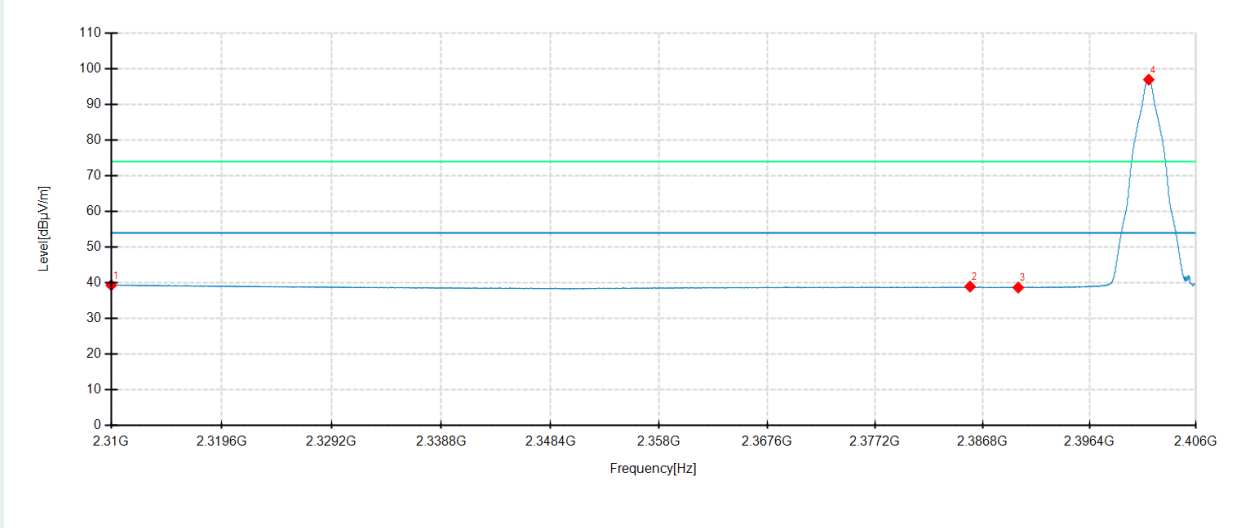
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Lowest Frequency

Frequency 2402MHz

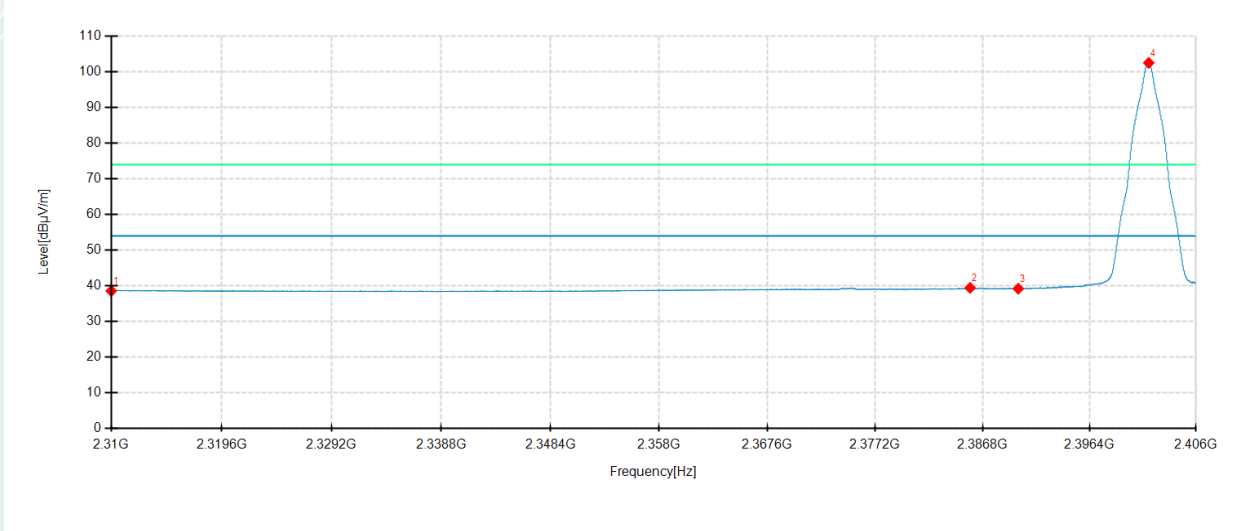
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



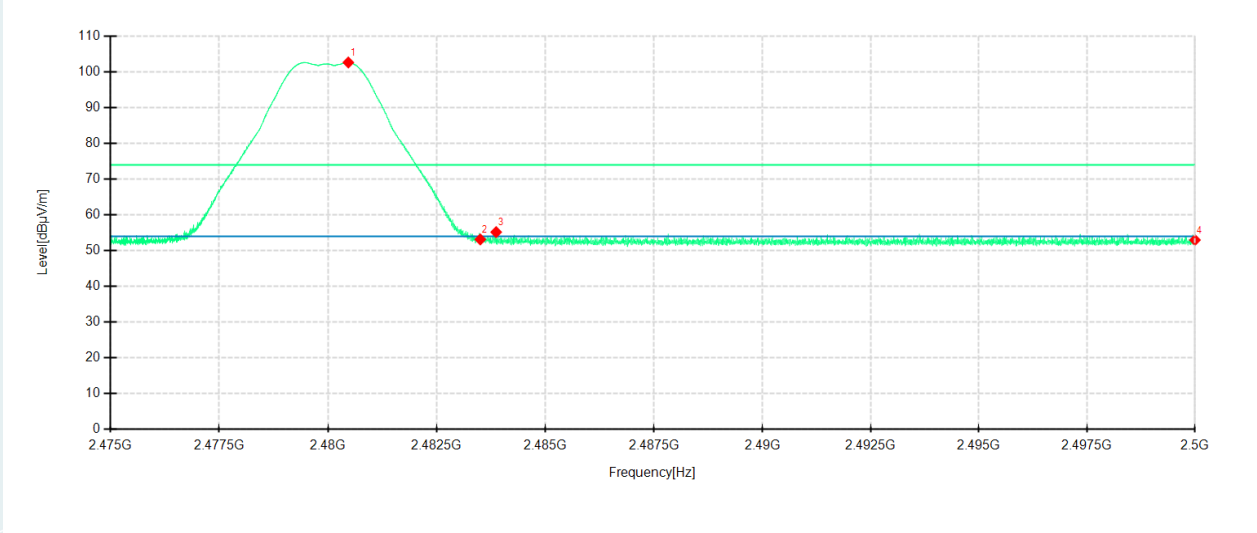
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBµV/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2310.0000	33.77	39.36	5.59	54.00	14.64	100	286	Horizontal	/
2	2385.6840	34.20	38.96	4.76	54.00	15.04	200	124	Horizontal	/
3	2390.0000	33.89	38.69	4.80	54.00	15.31	100	345	Horizontal	/
4	2401.7400	92.04	96.93	4.89	54.00	-42.93	100	118	Horizontal	No limit
1	2310.0000	33.70	38.59	4.89	54.00	15.41	100	215	Vertical	/
2	2385.6840	34.30	39.44	5.14	54.00	14.56	100	126	Vertical	/
3	2390.0000	34.00	39.22	5.22	54.00	14.78	100	156	Vertical	/
4	2401.7400	97.09	102.48	5.39	54.00	-48.48	100	126	Vertical	No limit

Highest Frequency

Frequency 2480MHz

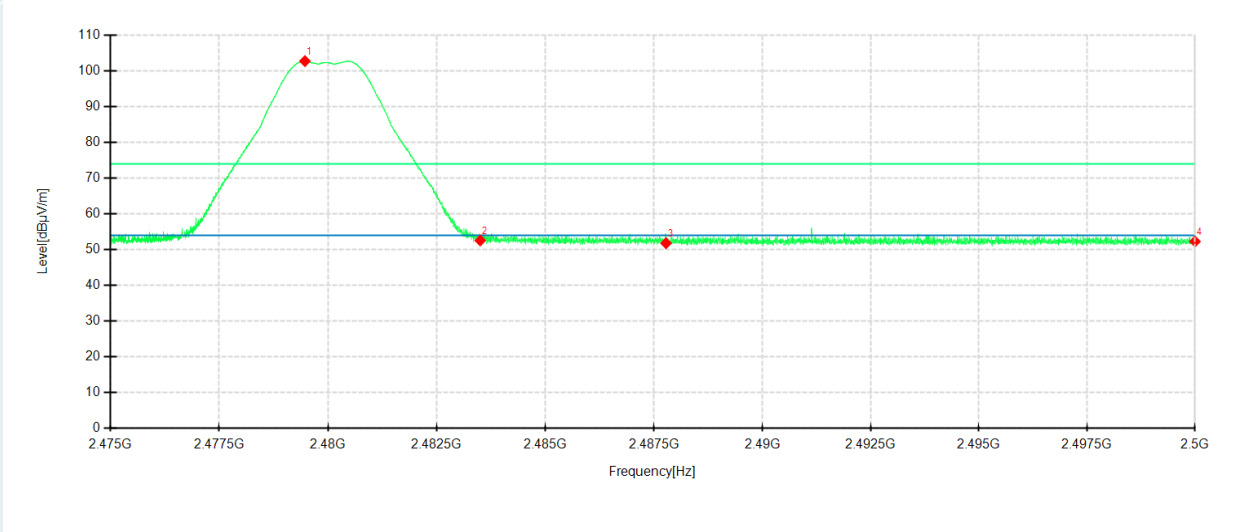
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



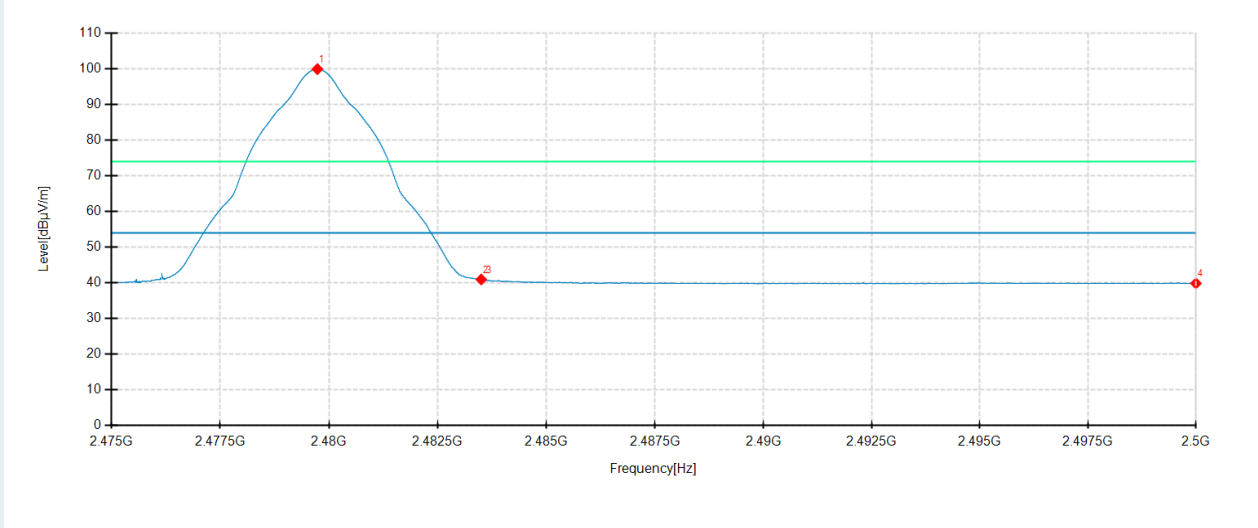
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBµV/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2480.4656	97.03	102.61	5.58	74.00	-28.61	100	137	Horizontal	No limit
2	2483.5000	47.51	53.14	5.63	74.00	20.86	100	126	Horizontal	/
3	2483.8656	49.54	55.18	5.64	74.00	18.82	200	145	Horizontal	/
4	2500.0000	47.07	52.97	5.90	74.00	21.03	200	16	Horizontal	/
1	2479.4688	97.02	102.71	5.69	74.00	-28.71	100	132	Vertical	No limit
2	2483.5000	46.86	52.56	5.70	74.00	21.44	200	46	Vertical	/
3	2487.7781	46.10	51.80	5.70	74.00	19.41	100	333	Vertical	/
4	2500.0000	46.58	52.28	5.70	74.00	21.72	200	293	Vertical	/

Highest Frequency

Frequency 2480MHz

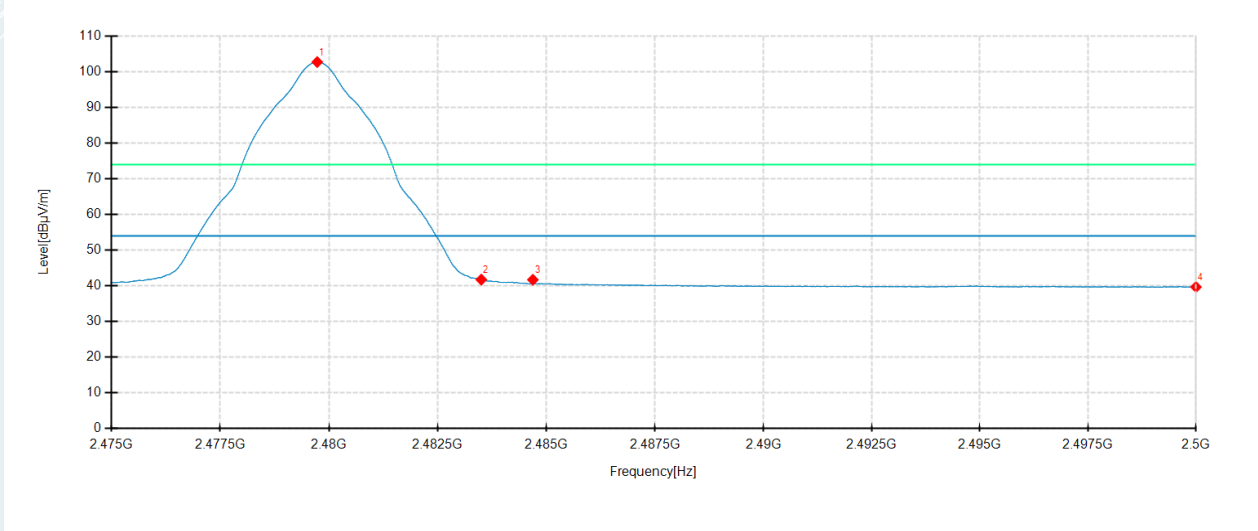
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBµV/m	Margin dB	Height cm	Angle °	Pole	Remark
1	2479.7313	94.30	99.87	5.57	54.00	-45.87	100	132	Horizontal	No limit
2	2483.5000	35.33	40.96	5.63	54.00	13.04	100	132	Horizontal	/
3	2483.5750	35.20	40.83	5.63	54.00	13.17	100	132	Horizontal	/
4	2500.0000	33.95	39.85	5.90	54.00	14.15	200	313	Horizontal	/
1	2479.7281	97.00	102.69	5.69	54.00	-48.69	100	126	Vertical	No limit
2	2483.5000	36.05	41.75	5.70	54.00	12.25	100	126	Vertical	/
3	2484.6875	36.03	41.72	5.69	54.00	12.28	100	76	Vertical	/
4	2500.0000	33.98	39.68	5.70	54.00	14.32	100	286	Vertical	/

Remark: Max field strength in 3m distance. No any other emission which falls in restricted bands can be detected and be reported.

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E20230828994601-15 Test Photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E20230828994601-16 EUT photo.

----- **End of Report** -----