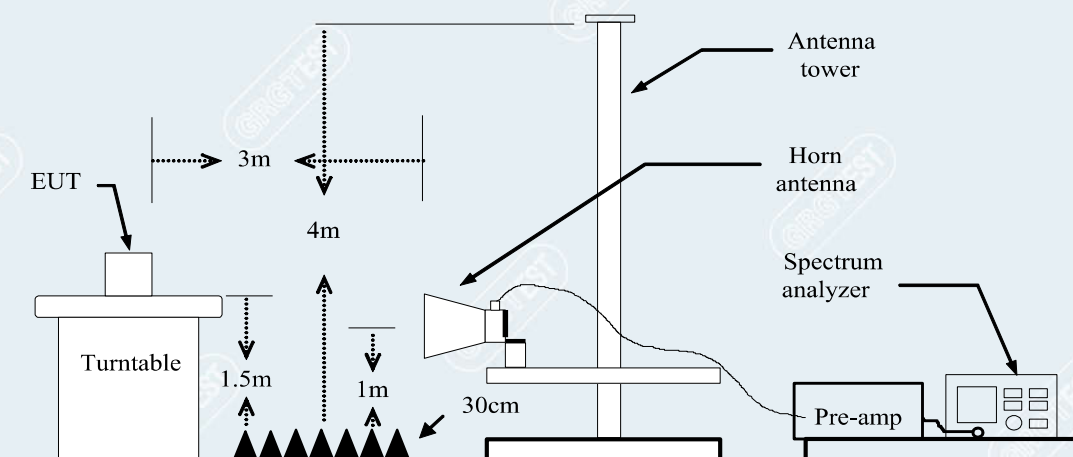


13.2 TEST PROCEDURES

- 1) The EUT is placed on a turntable, which is 1.5m above the ground plane.
- 2) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
- 4) Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - a) PEAK: RBW=1MHz / VBW=1MHz / Sweep=AUTO.
 - b) AVERAGE: RBW=1MHz / VBW=1/T / Sweep=AUTO, Where T is defined in section 2.8.
- 5) Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

13.3 TEST SETUP



———— The following blanks ————

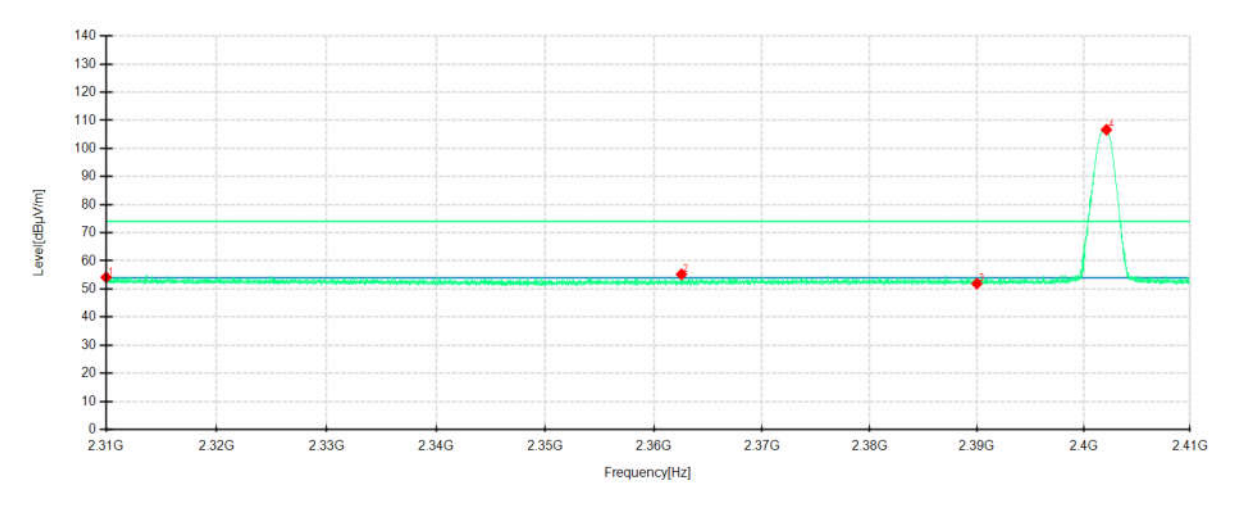
13.4 TEST RESULTS

DH5

Lowest Channel

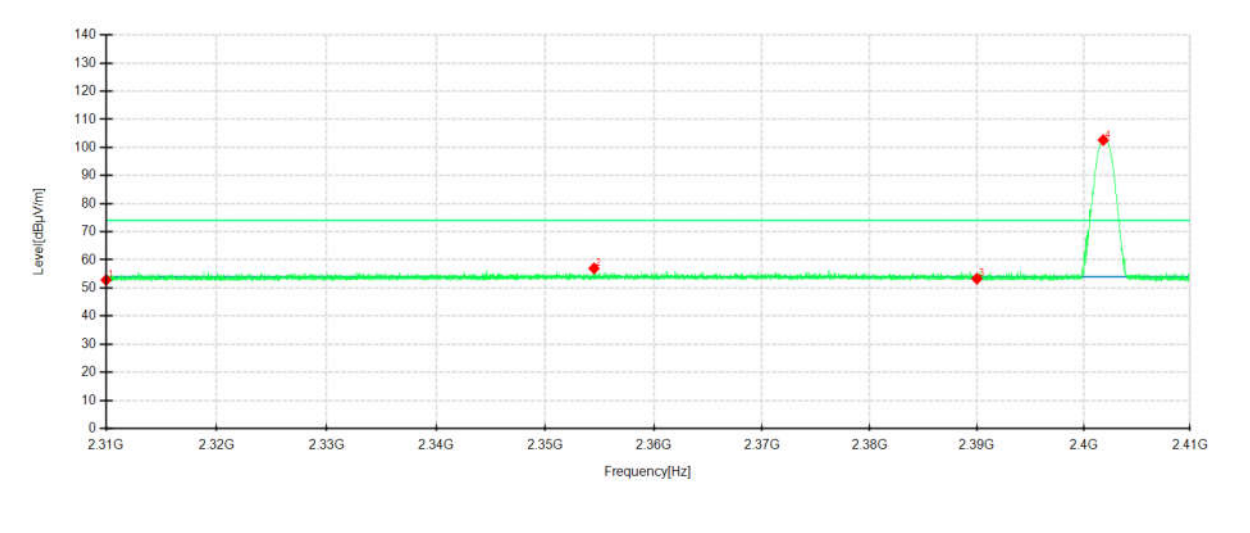
Frequency 2402MHz
Environment:24.3℃/51%RH/101.0kPa
Tested By: Chen xiaocong
Detector mode: Peak

Voltage: DC 12V
Date: 2022-12-13
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	44.78	54.13	9.35	74.00	19.87	100	124	Horizontal	/
2	2362.55	46.56	55.21	8.65	74.00	18.79	200	317	Horizontal	/
3	2390	42.95	51.88	8.93	74.00	22.12	200	344	Horizontal	/
4	2402.1375	97.62	106.66	9.04	74.00	-32.66	100	66	Horizontal	No limit
1	2310	42.91	52.84	9.93	74.00	21.16	200	111	Vertical	/
2	2354.4875	46.75	56.96	10.21	74.00	17.04	100	151	Vertical	/
3	2390	43.21	53.28	10.07	74.00	20.72	200	54	Vertical	/
4	2401.8375	92.63	102.62	9.99	74.00	-28.62	100	208	Vertical	No limit

———— The following blanks ————

Lowest Channel

Frequency 2402MHz

Environment: 24.3°C/51%RH/101.0kPa

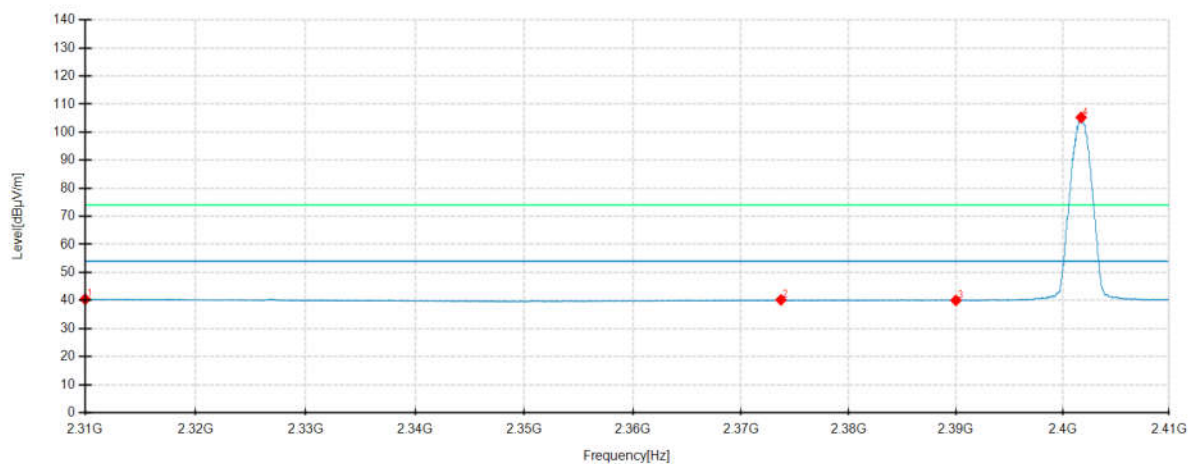
Tested By: Chen xiacong

Detector mode: Average

Voltage: DC 12V

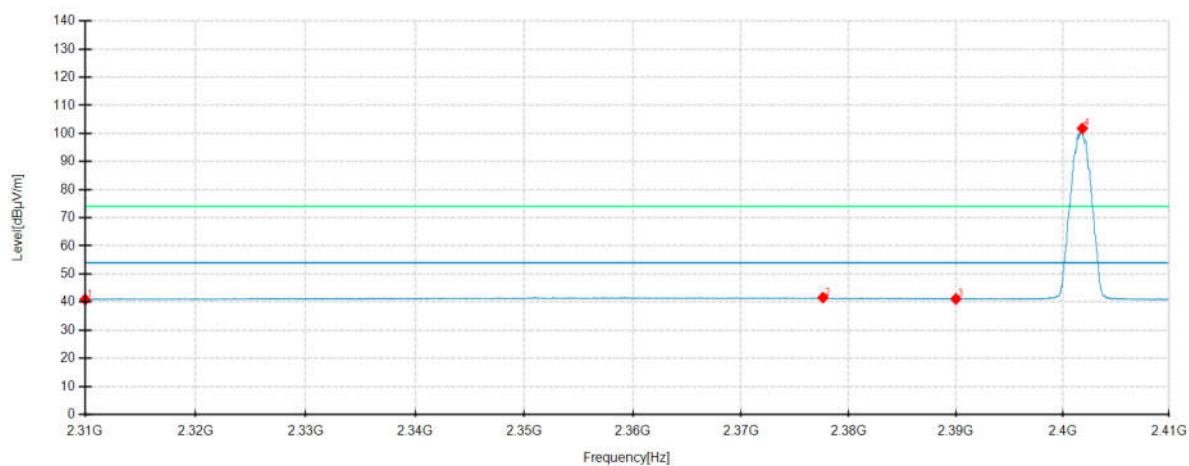
Date: 2022-12-13

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	31.10	40.45	9.35	54.00	13.55	200	111	Horizontal	/
2	2373.7125	31.46	40.22	8.76	54.00	13.78	200	344	Horizontal	/
3	2390	31.10	40.03	8.93	54.00	13.97	100	75	Horizontal	/
4	2401.7375	96.21	105.24	9.03	54.00	-51.24	100	54	Horizontal	No limit
1	2310	31.00	40.93	9.93	54.00	13.07	100	151	Vertical	/
2	2377.6125	31.48	41.59	10.11	54.00	12.41	100	162	Vertical	/
3	2390	31.04	41.11	10.07	54.00	12.89	200	355	Vertical	/
4	2401.85	91.79	101.78	9.99	54.00	-47.78	100	209	Vertical	No limit

Highest Channel

Frequency 2480MHz

Environment: 24.3°C/51%RH/101.0kPa

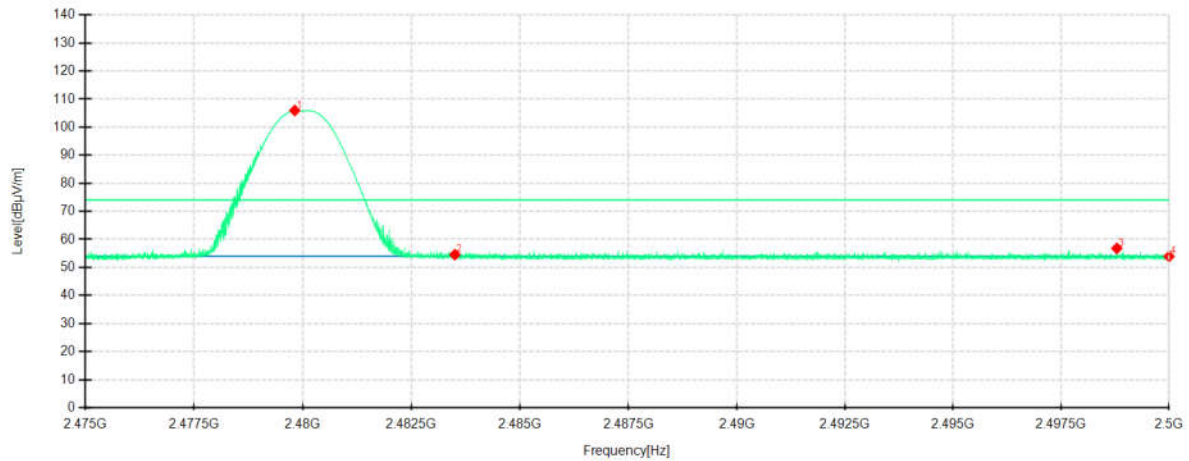
Tested By: Chen xiaocong

Detector mode: Peak

Voltage: DC 12V

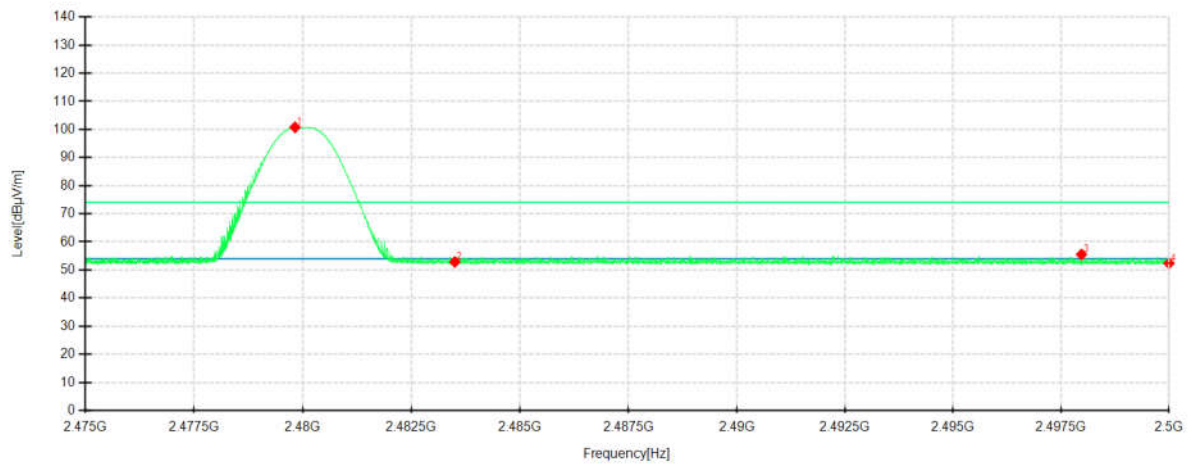
Date: 2022-12-13

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	2479.8156	96.10	105.95	9.85	74.00	-31.95	100	345	Horizontal	No limit
2	2483.5	44.62	54.54	9.92	74.00	19.46	100	93	Horizontal	/
3	2498.7906	46.58	56.80	10.22	74.00	17.20	200	239	Horizontal	/
4	2500	43.67	53.92	10.25	74.00	20.08	200	268	Horizontal	/
1	2479.8219	91.50	100.77	9.27	74.00	-26.77	100	130	Vertical	No limit
2	2483.5	43.58	52.86	9.28	74.00	21.14	200	346	Vertical	/
3	2497.9719	46.18	55.52	9.34	74.00	18.48	200	171	Vertical	/
4	2500	43.00	52.35	9.35	74.00	21.65	100	345	Vertical	/

Highest Channel

Frequency 2480MHz

Environment: 24.3°C/51%RH/101.0kPa

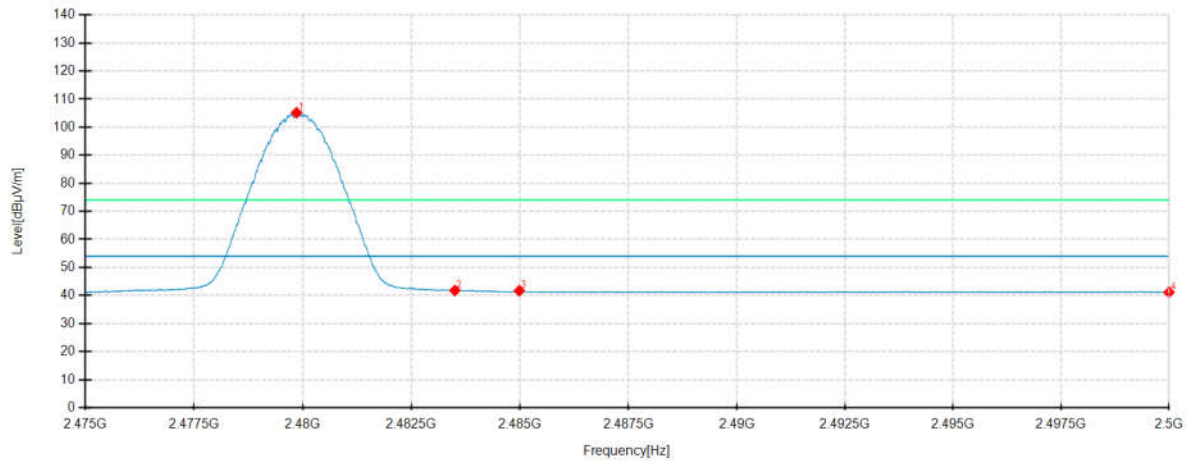
Tested By: Chen xiaocong

Detector mode: Average

Voltage: DC 12V

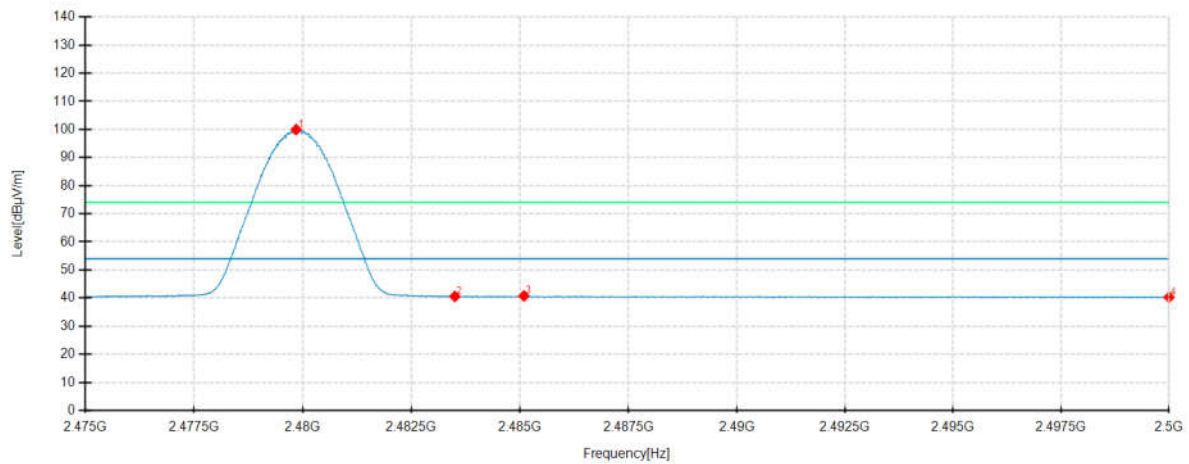
Date: 2022-12-13

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	2479.8562	95.30	105.15	9.85	54.00	-51.15	100	346	Horizontal	No limit
2	2483.5	31.84	41.76	9.92	54.00	12.24	100	63	Horizontal	/
3	2484.9844	31.74	41.69	9.95	54.00	12.31	100	354	Horizontal	/
4	2500	30.88	41.13	10.25	54.00	12.87	100	46	Horizontal	/
1	2479.8469	90.68	99.95	9.27	54.00	-45.95	100	132	Vertical	No limit
2	2483.5	31.29	40.57	9.28	54.00	13.43	200	123	Vertical	/
3	2485.0906	31.47	40.76	9.29	54.00	13.24	200	123	Vertical	/
4	2500	30.95	40.30	9.35	54.00	13.70	200	190	Vertical	/

2DH5**Lowest Channel**

Frequency 2402MHz

Environment: 24.3°C/51%RH/101.0kPa

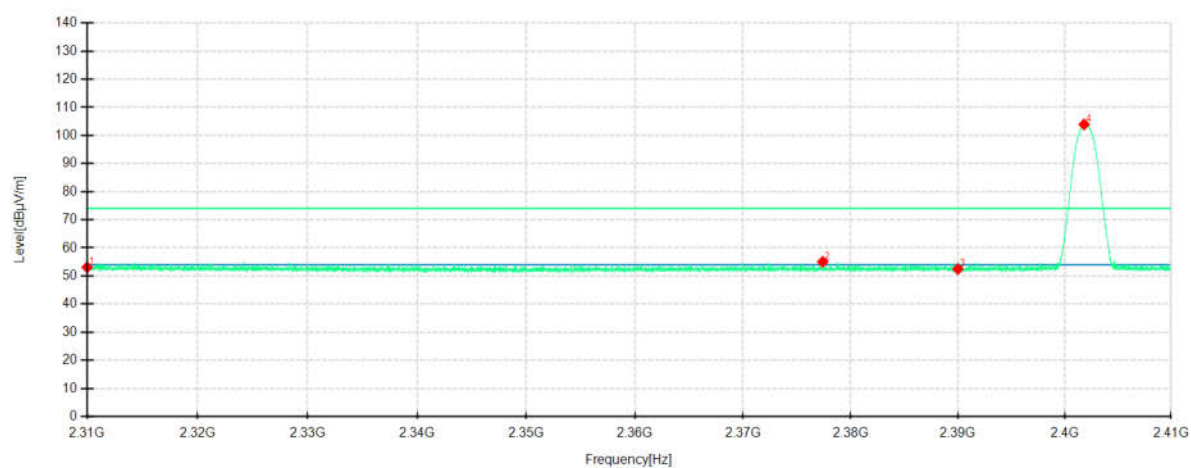
Tested By: Chen xiaocong

Detector mode: Peak

Voltage: DC 12V

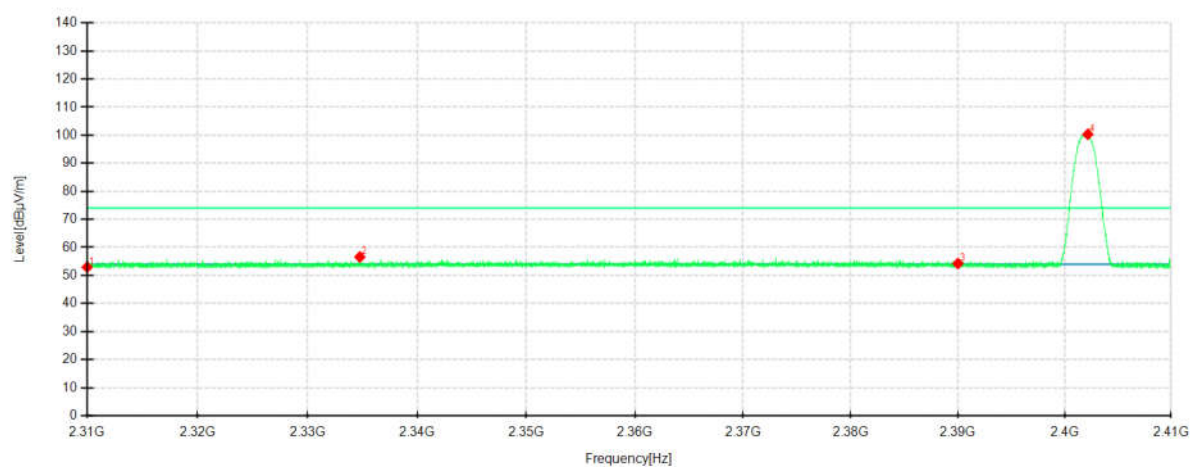
Date: 2022-12-13

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	43.74	53.09	9.35	74.00	20.91	200	345	Horizontal	/
2	2377.4	46.25	55.05	8.80	74.00	18.95	200	44	Horizontal	/
3	2390	43.52	52.45	8.93	74.00	21.55	200	82	Horizontal	/
4	2401.825	94.89	103.92	9.03	74.00	-29.92	100	54	Horizontal	No limit
1	2310	43.01	52.94	9.93	74.00	21.06	200	189	Vertical	/
2	2334.7625	46.47	56.58	10.11	74.00	17.42	100	218	Vertical	/
3	2390	44.15	54.22	10.07	74.00	19.78	100	92	Vertical	/
4	2402.175	90.32	100.31	9.99	74.00	-26.31	100	207	Vertical	No limit

———— The following blanks ————

Lowest Channel

Frequency 2402MHz

Environment: 24.3°C/51%RH/101.0kPa

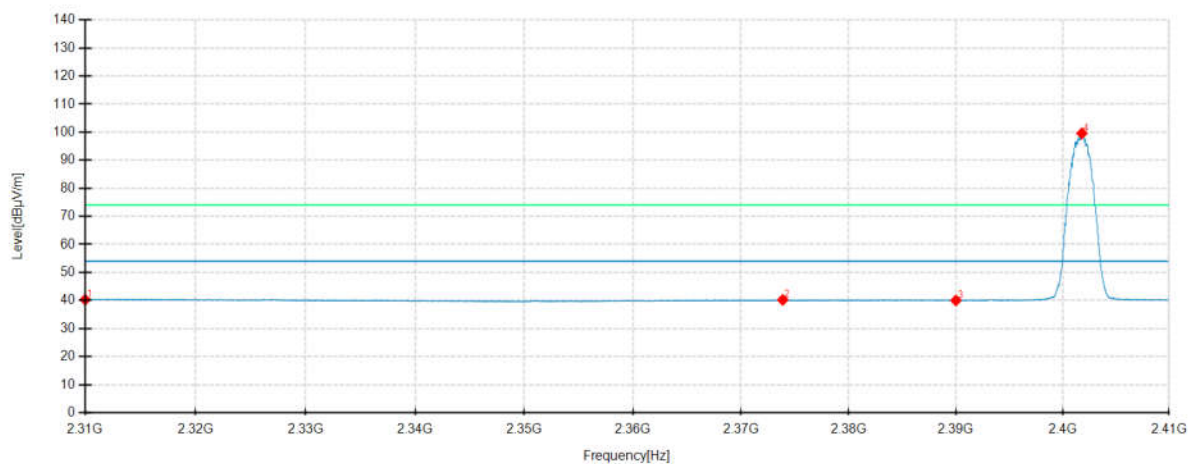
Tested By: Chen xiaocong

Detector mode: Average

Voltage: DC 12V

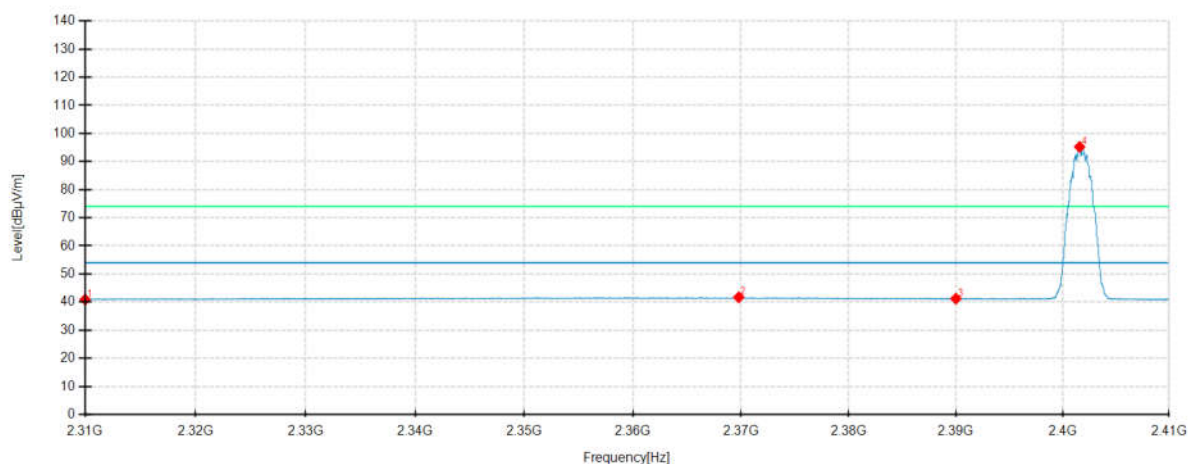
Date: 2022-12-13

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	30.96	40.31	9.35	54.00	13.69	100	240	Horizontal	/
2	2373.875	31.44	40.21	8.77	54.00	13.79	100	278	Horizontal	/
3	2390	31.08	40.01	8.93	54.00	13.99	200	131	Horizontal	/
4	2401.8	90.54	99.57	9.03	54.00	-45.57	100	336	Horizontal	No limit
1	2310	30.98	40.91	9.93	54.00	13.09	100	63	Vertical	/
2	2369.7875	31.55	41.69	10.14	54.00	12.31	100	237	Vertical	/
3	2390	31.14	41.21	10.07	54.00	12.79	200	220	Vertical	/
4	2401.5875	85.24	95.24	10.00	54.00	-41.24	200	122	Vertical	No limit

Highest Channel

Frequency 2480MHz

Environment: 24.3°C/51%RH/101.0kPa

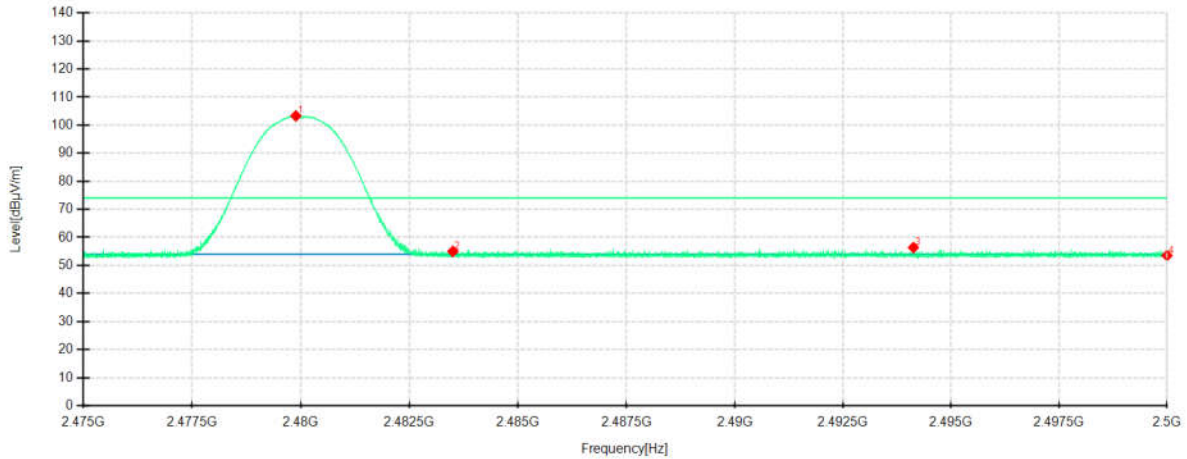
Tested By: Chen xiaocong

Detector mode: Peak

Voltage: DC 12V

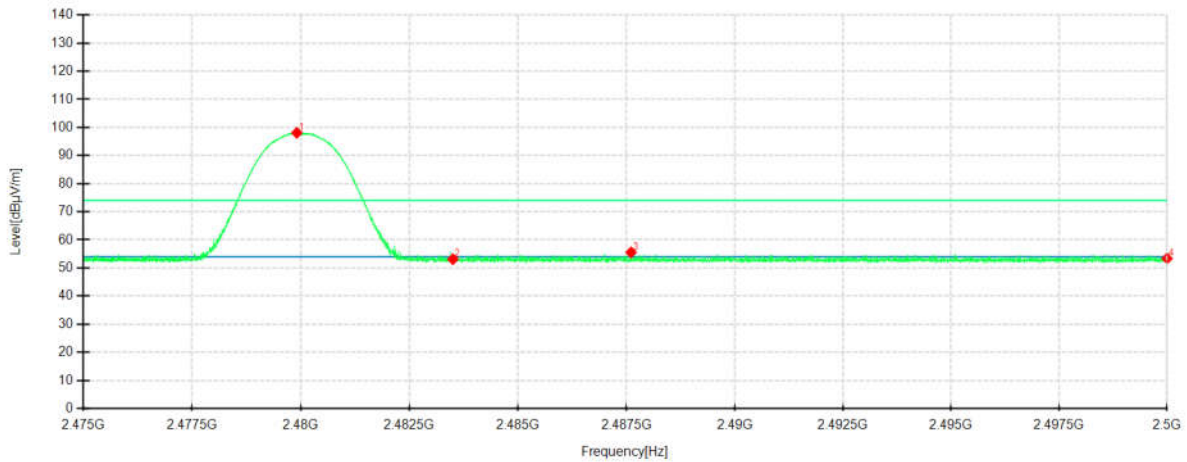
Date: 2022-12-13

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	2479.8875	93.44	103.29	9.85	74.00	-29.29	100	347	Horizontal	No limit
2	2483.5	45.08	55.00	9.92	74.00	19.00	200	344	Horizontal	/
3	2494.1281	46.24	56.38	10.14	74.00	17.62	200	141	Horizontal	/
4	2500	43.27	53.52	10.25	74.00	20.48	200	72	Horizontal	/
1	2479.9094	88.82	98.09	9.27	74.00	-24.09	100	130	Vertical	No limit
2	2483.5	43.84	53.12	9.28	74.00	20.88	200	219	Vertical	/
3	2487.6062	46.25	55.55	9.30	74.00	18.45	200	228	Vertical	/
4	2500	44.02	53.37	9.35	74.00	20.63	200	346	Vertical	/

Highest Channel

Frequency 2480MHz

Environment: 24.3°C/51%RH/101.0kPa

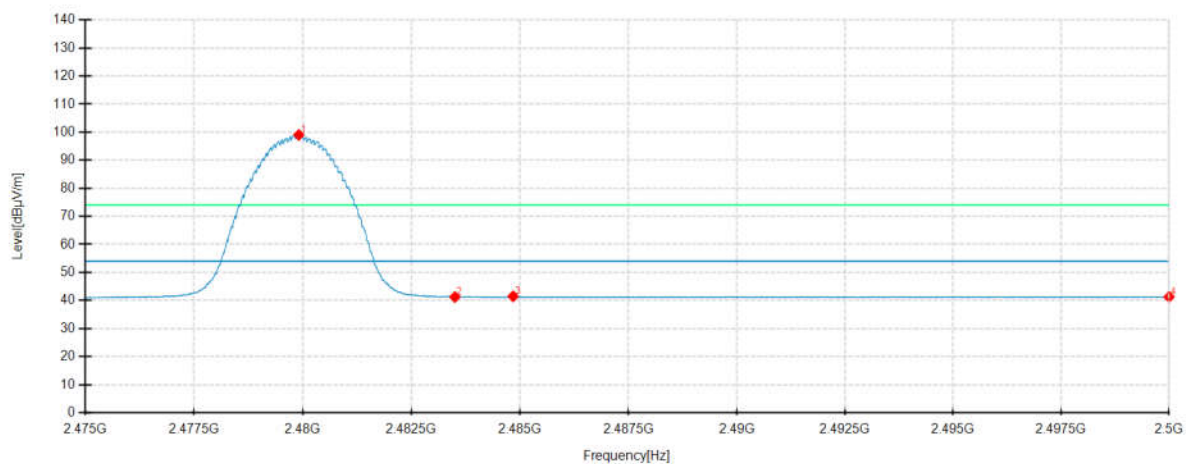
Tested By: Chen xiaocong

Detector mode: Average

Voltage: DC 12V

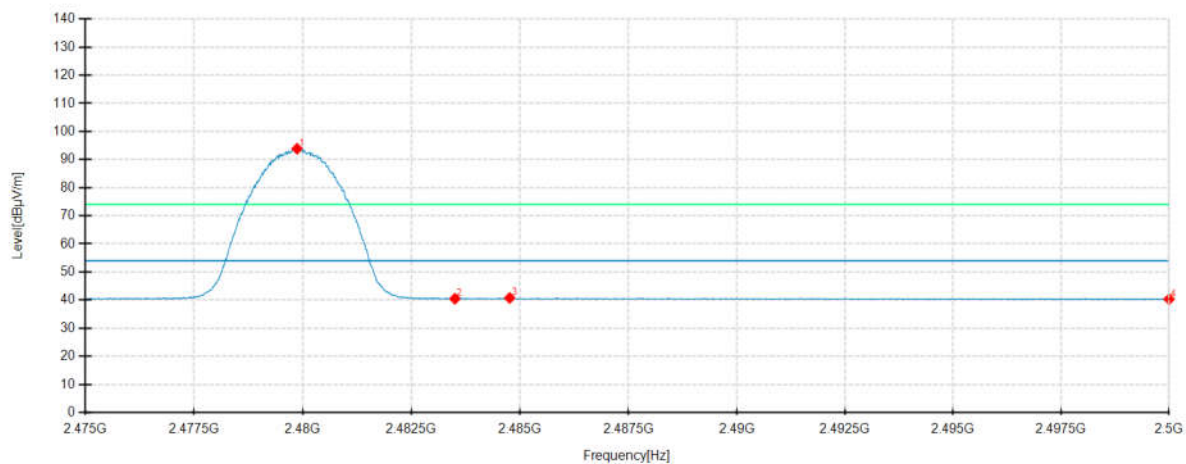
Date: 2022-12-13

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	2479.9094	89.18	99.03	9.85	54.00	-45.03	100	346	Horizontal	No limit
2	2483.5	31.31	41.23	9.92	54.00	12.77	200	306	Horizontal	/
3	2484.8406	31.53	41.48	9.95	54.00	12.52	100	337	Horizontal	/
4	2500	31.01	41.26	10.25	54.00	12.74	200	218	Horizontal	/
1	2479.8688	84.58	93.85	9.27	54.00	-39.85	200	121	Vertical	No limit
2	2483.5	31.20	40.48	9.28	54.00	13.52	200	276	Vertical	/
3	2484.7625	31.44	40.73	9.29	54.00	13.27	100	151	Vertical	/
4	2500	30.98	40.33	9.35	54.00	13.67	100	179	Vertical	/

3DH5**Lowest Channel**

Frequency 2402MHz

Environment: 24.3°C/51%RH/101.0kPa

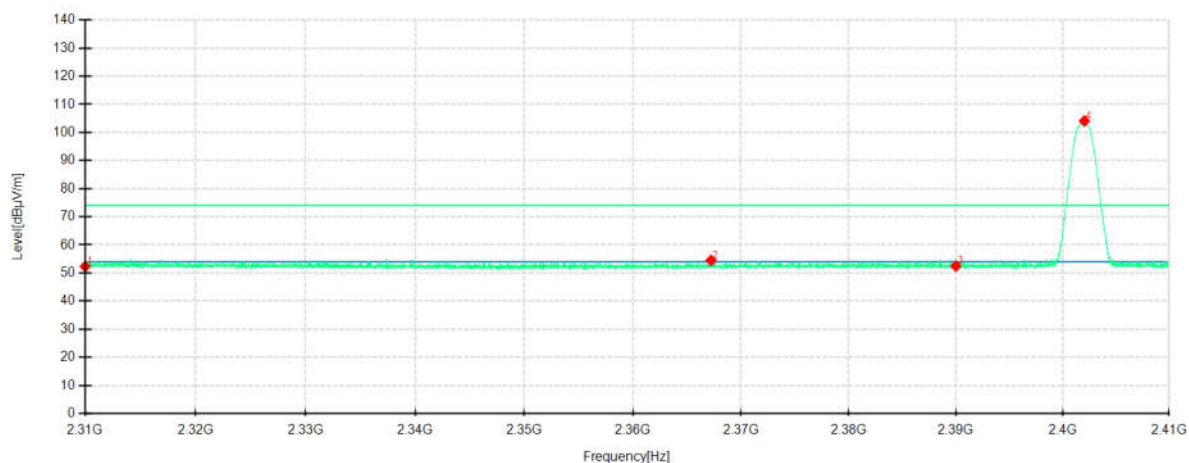
Tested By: Chen xiaocong

Detector mode: Peak

Voltage: DC 12V

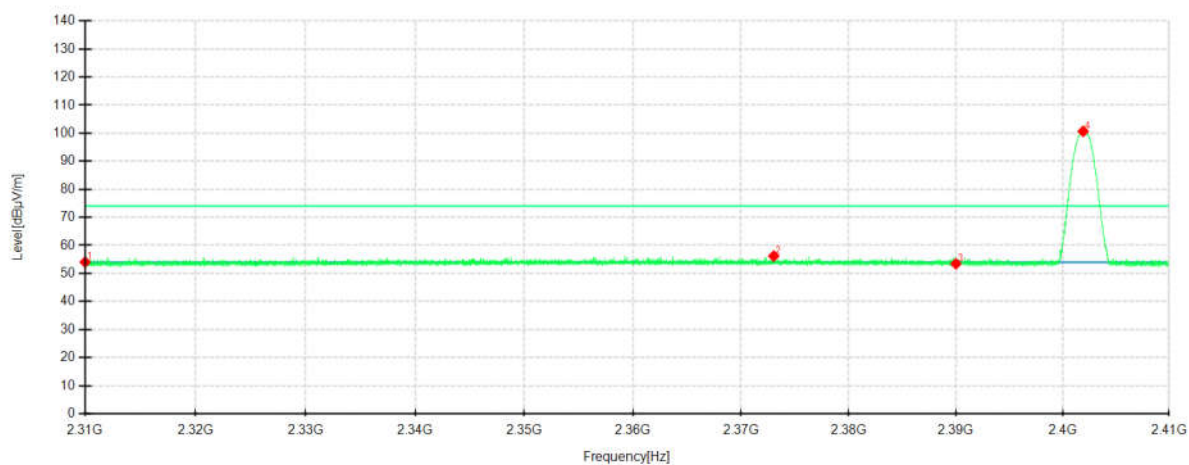
Date: 2022-12-13

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	2310	42.92	52.27	9.35	74.00	21.73	200	276	Horizontal	/
2	2367.225	45.76	54.46	8.70	74.00	19.54	200	43	Horizontal	/
3	2390	43.54	52.47	8.93	74.00	21.53	200	148	Horizontal	/
4	2402.0375	95.05	104.09	9.04	74.00	-30.09	100	55	Horizontal	No limit
1	2310	44.10	54.03	9.93	74.00	19.97	100	277	Vertical	/
2	2373.0375	46.05	56.18	10.13	74.00	17.82	200	199	Vertical	/
3	2390	43.34	53.41	10.07	74.00	20.59	200	34	Vertical	/
4	2401.925	90.66	100.65	9.99	74.00	-26.65	100	208	Vertical	No limit

Lowest Channel

Frequency 2402MHz

Environment: 24.3°C/51%RH/101.0kPa

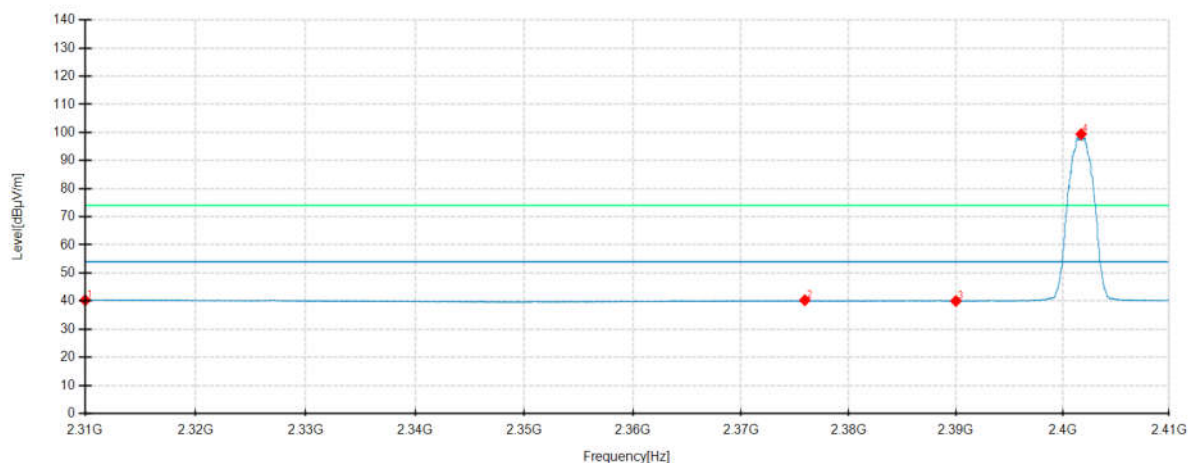
Tested By: Chen xiaocong

Detector mode: Average

Voltage: DC 12V

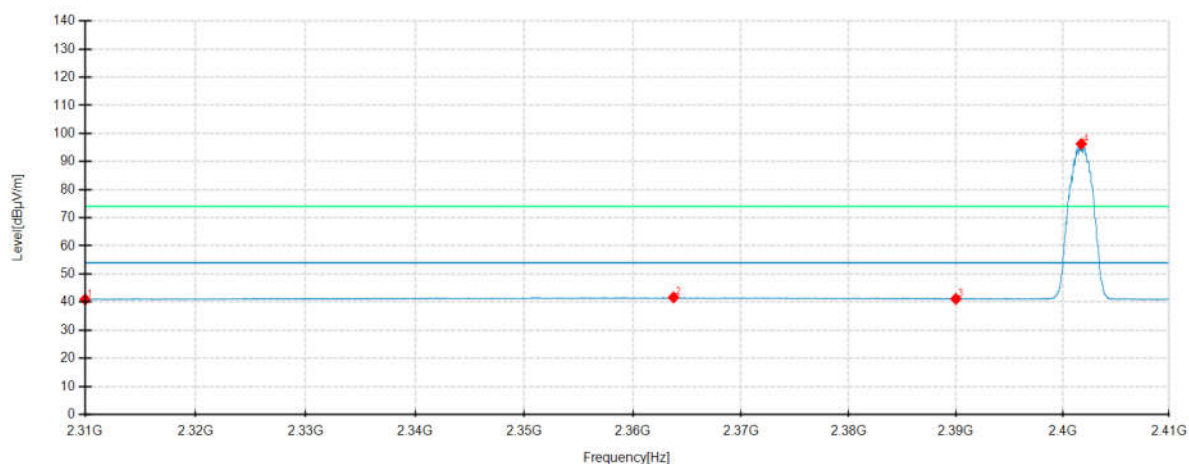
Date: 2022-12-13

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	30.98	40.33	9.35	54.00	13.67	200	132	Horizontal	/
2	2375.925	31.53	40.31	8.78	54.00	13.69	200	113	Horizontal	/
3	2390	31.08	40.01	8.93	54.00	13.99	200	344	Horizontal	/
4	2401.7375	90.38	99.41	9.03	54.00	-45.41	100	335	Horizontal	No limit
1	2310	30.99	40.92	9.93	54.00	13.08	100	199	Vertical	/
2	2363.7625	31.48	41.65	10.17	54.00	12.35	100	181	Vertical	/
3	2390	31.05	41.12	10.07	54.00	12.88	100	103	Vertical	/
4	2401.75	86.28	96.28	10.00	54.00	-42.28	100	210	Vertical	No limit

Highest Channel

Frequency 2480MHz

Environment:24.3℃/51%RH/101.0kPa

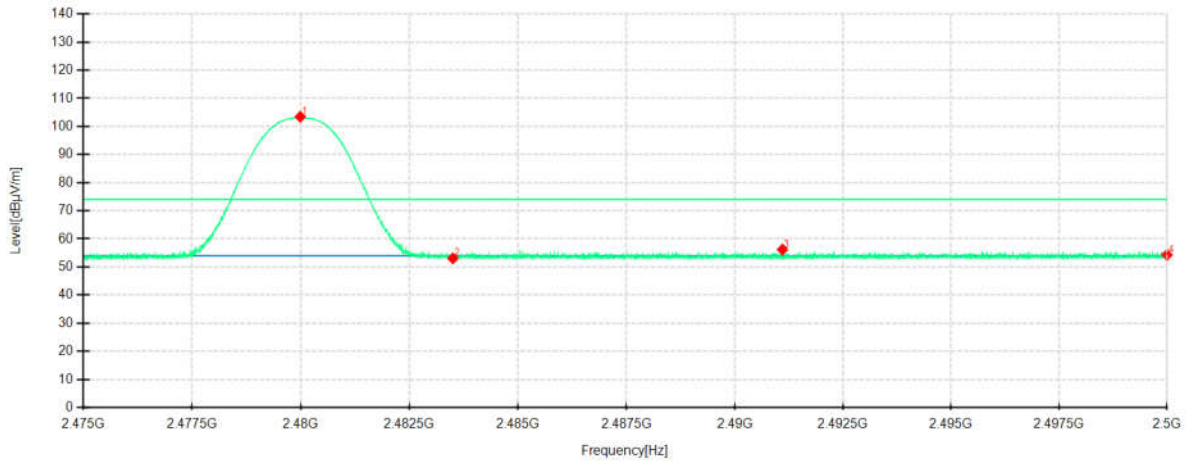
Tested By: Chen xiaocong

Detector mode: Peak

Voltage: DC 12V

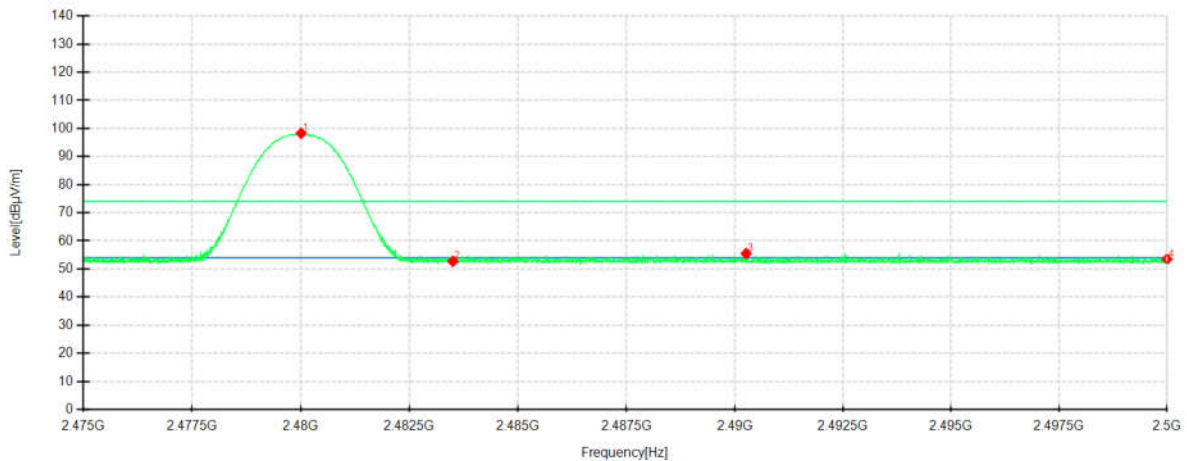
Date: 2022-12-13

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	2479.9875	93.59	103.44	9.85	74.00	-29.44	100	344	Horizontal	No limit
2	2483.5	43.11	53.03	9.92	74.00	20.97	100	26	Horizontal	/
3	2491.1	46.13	56.20	10.07	74.00	17.80	200	248	Horizontal	/
4	2500	44.05	54.30	10.25	74.00	19.70	100	238	Horizontal	/
1	2480.0094	89.01	98.28	9.27	74.00	-24.28	100	132	Vertical	No limit
2	2483.5	43.42	52.70	9.28	74.00	21.30	200	17	Vertical	/
3	2490.2625	46.18	55.49	9.31	74.00	18.51	200	190	Vertical	/
4	2500	44.13	53.48	9.35	74.00	20.52	200	162	Vertical	/

Highest Channel

Frequency 2480MHz

Environment: 24.3°C/51%RH/101.0kPa

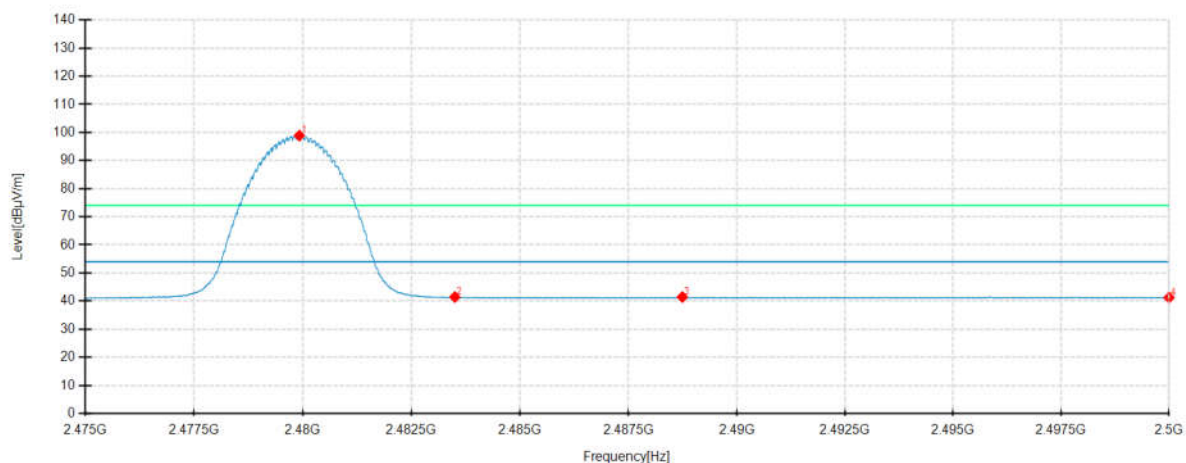
Tested By: Chen xiaocong

Detector mode: Average

Voltage: DC 12V

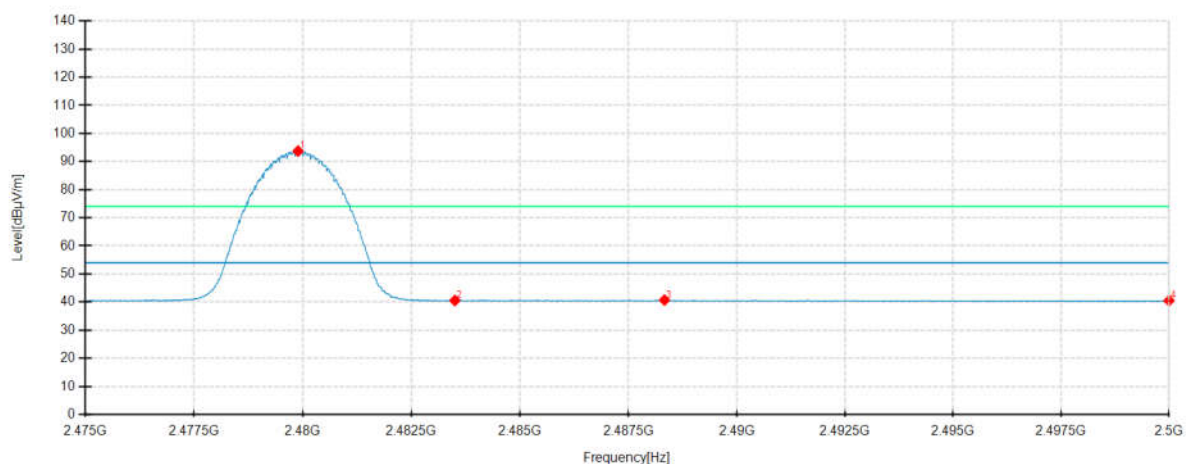
Date: 2022-12-13

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	2479.9219	89.02	98.87	9.85	54.00	-44.87	100	336	Horizontal	No limit
2	2483.5	31.51	41.43	9.92	54.00	12.57	100	356	Horizontal	/
3	2488.7438	31.42	41.44	10.02	54.00	12.56	100	278	Horizontal	/
4	2500	30.97	41.22	10.25	54.00	12.78	200	173	Horizontal	/
1	2479.8906	84.45	93.72	9.27	54.00	-39.72	100	132	Vertical	No limit
2	2483.5	31.26	40.54	9.28	54.00	13.46	200	131	Vertical	/
3	2488.3312	31.40	40.70	9.30	54.00	13.30	100	296	Vertical	/
4	2500	31.14	40.49	9.35	54.00	13.51	100	114	Vertical	/

Remark:

- 1) 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 E202210283700-01-6-Test photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E202210283700-01-7-EUT photo.

———— End of Report ————