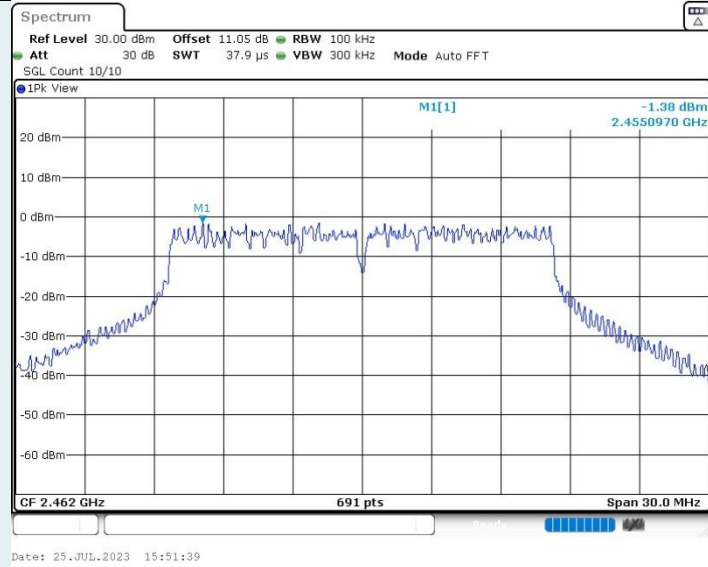
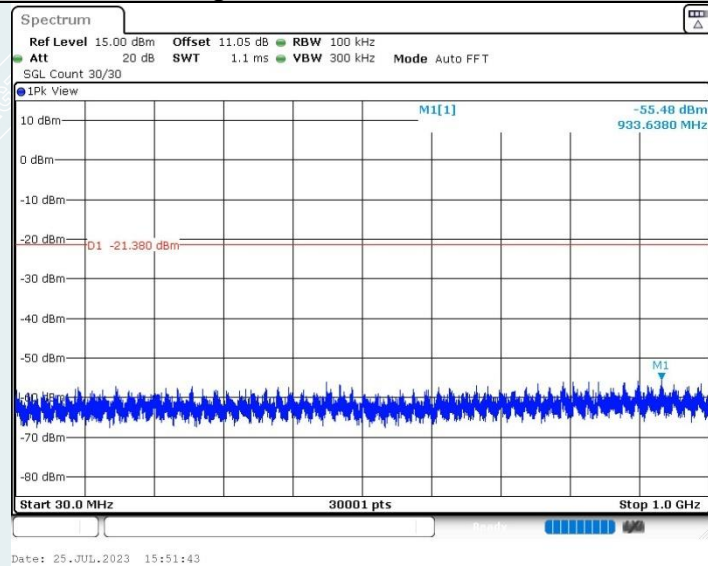


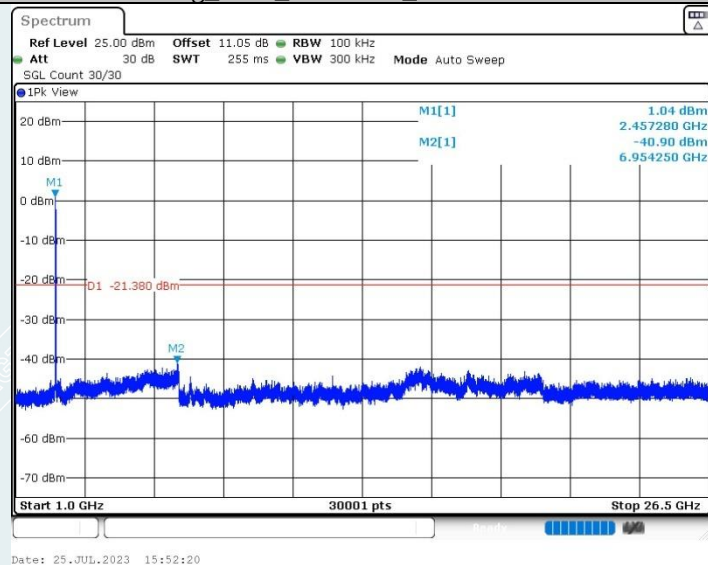
IEEE 802.11g_Ant1_2462MHz_0~Reference



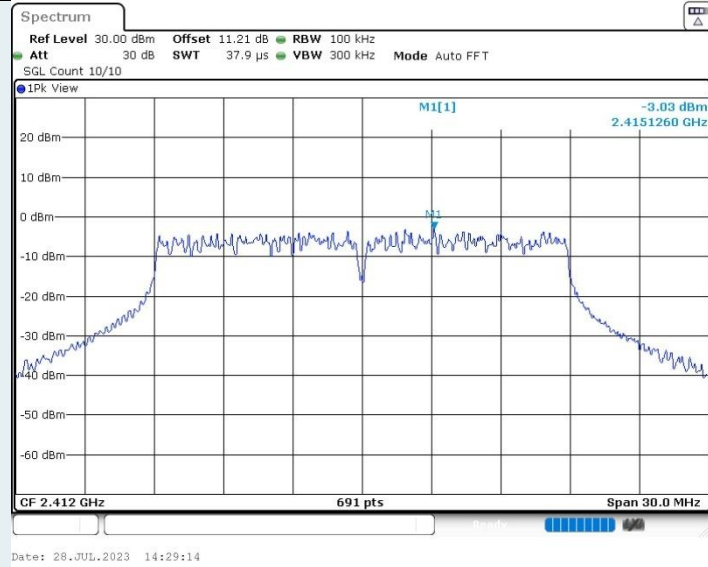
IEEE 802.11g_Ant1_2462MHz_30MHz~1000MHz



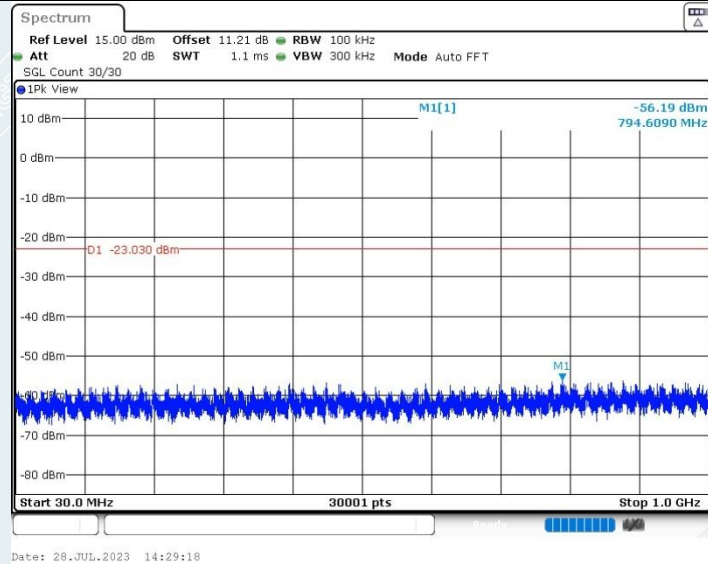
IEEE 802.11g_Ant1_2462MHz_1000MHz~26500MHz



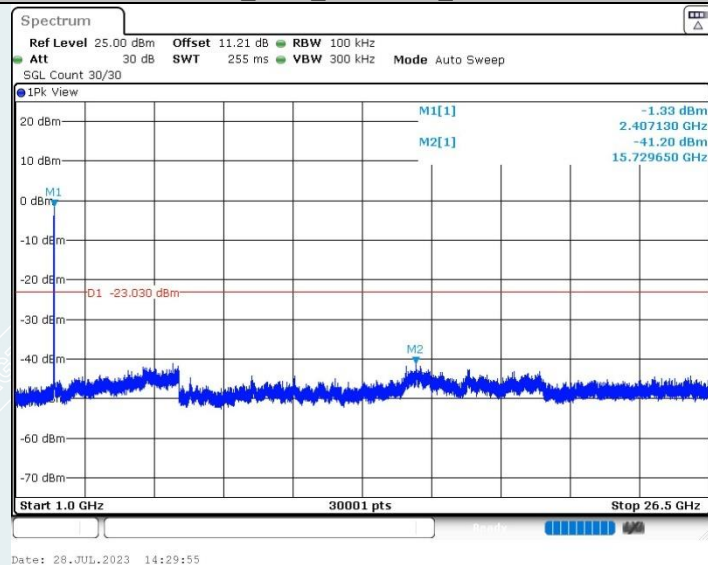
IEEE 802.11n HT20_Ant1_2412MHz_0~Reference



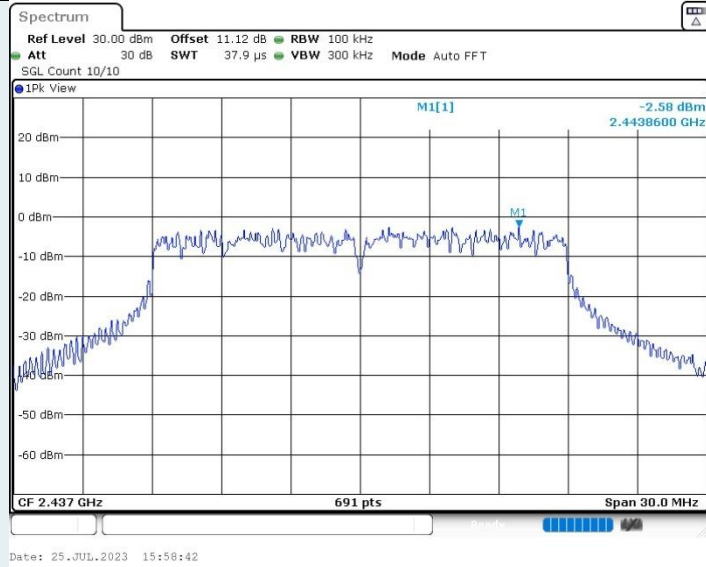
IEEE 802.11n HT20_Ant1_2412MHz_30MHz~1000MHz



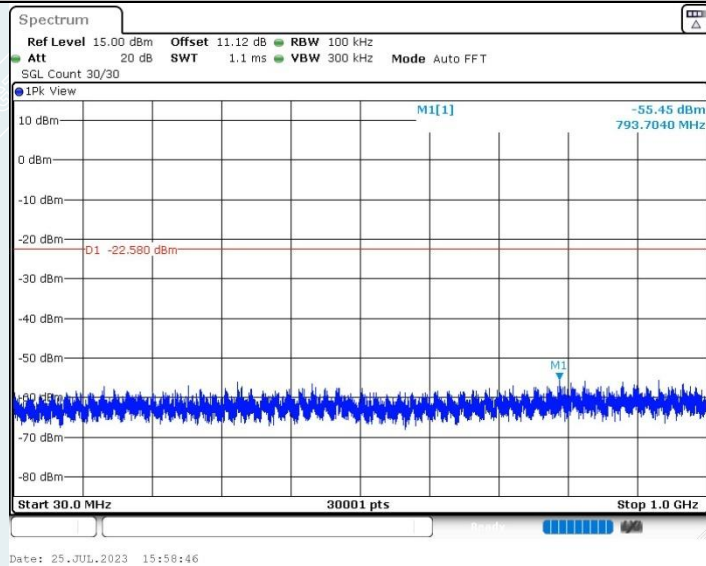
IEEE 802.11n HT20_Ant1_2412MHz_1000MHz~26500MHz



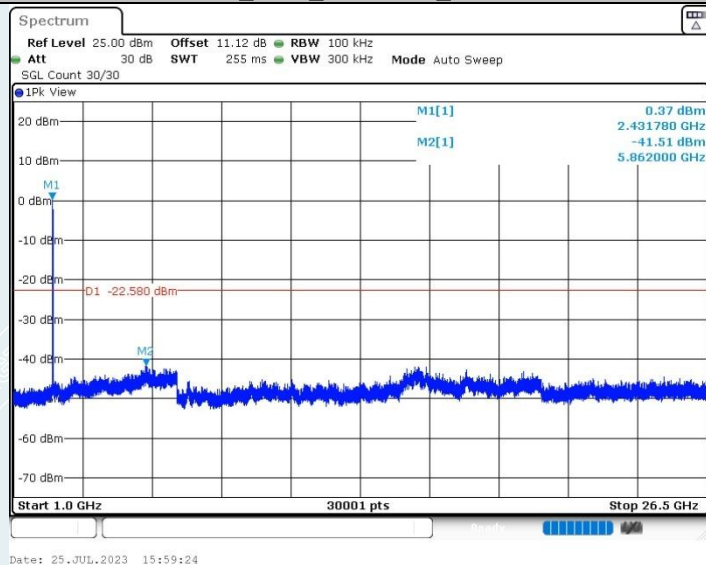
IEEE 802.11n HT20_Ant1_2437MHz_0~Reference



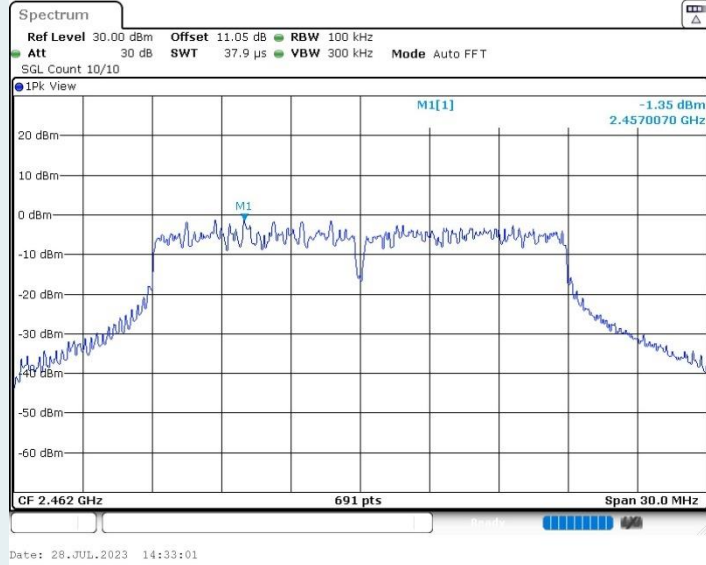
IEEE 802.11n HT20_Ant1_2437MHz_30MHz~1000MHz



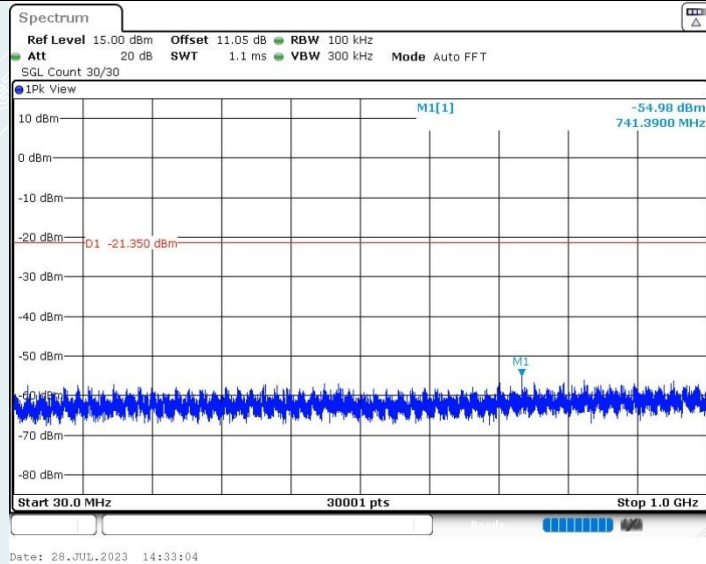
IEEE 802.11n HT20_Ant1_2437MHz_1000MHz~26500MHz



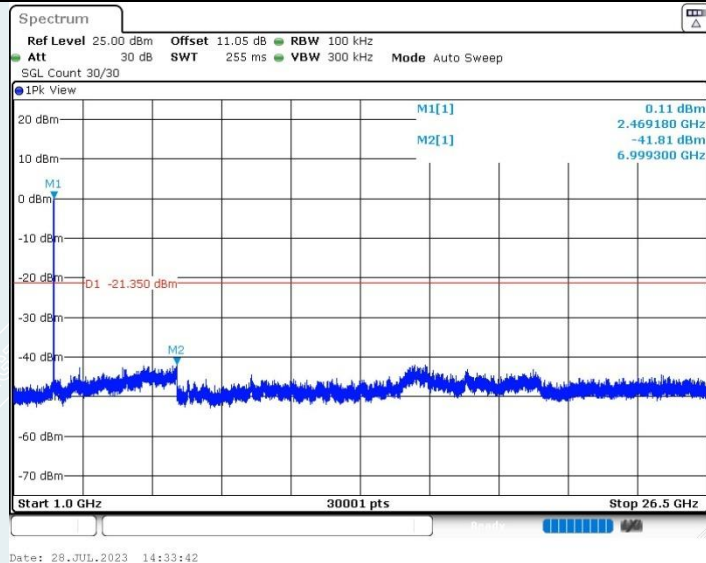
IEEE 802.11n HT20_Ant1_2462MHz_0~Reference



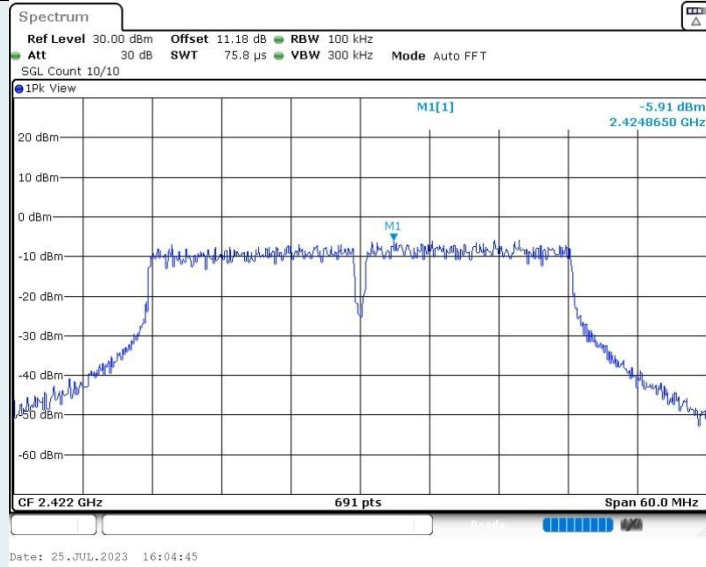
IEEE 802.11n HT20_Ant1_2462MHz_30MHz~1000MHz



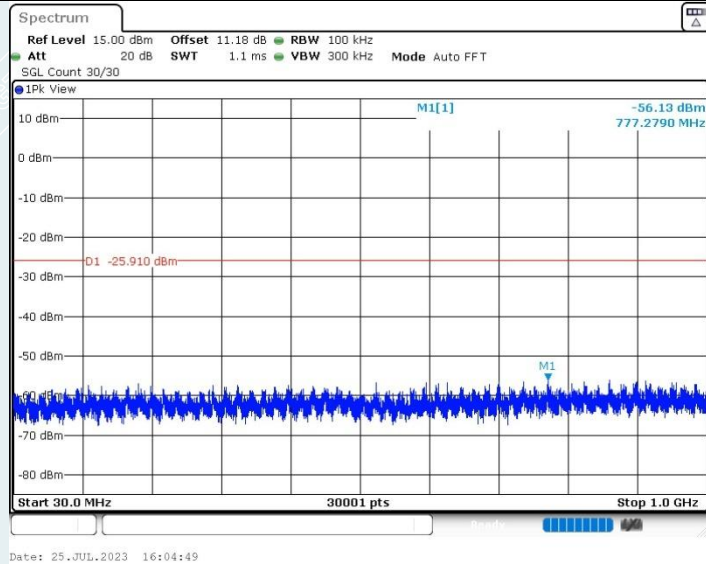
IEEE 802.11n HT20_Ant1_2462MHz_1000MHz~26500MHz



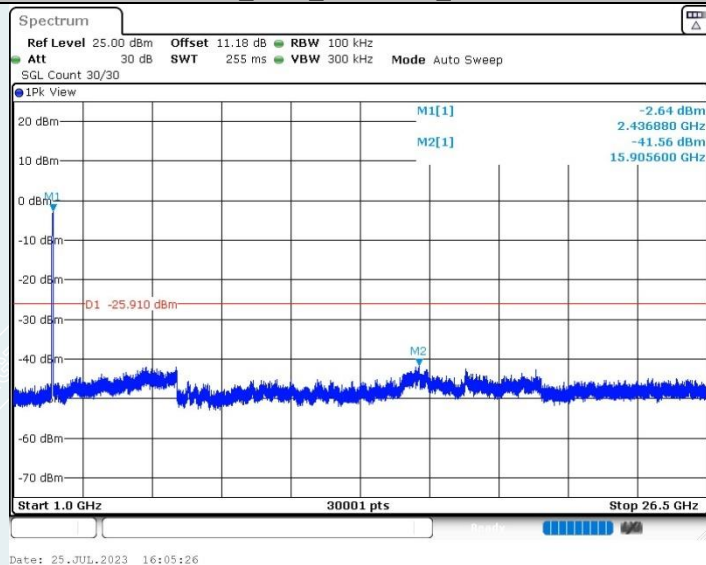
IEEE 802.11n HT40_Ant1_2422MHz_0~Reference



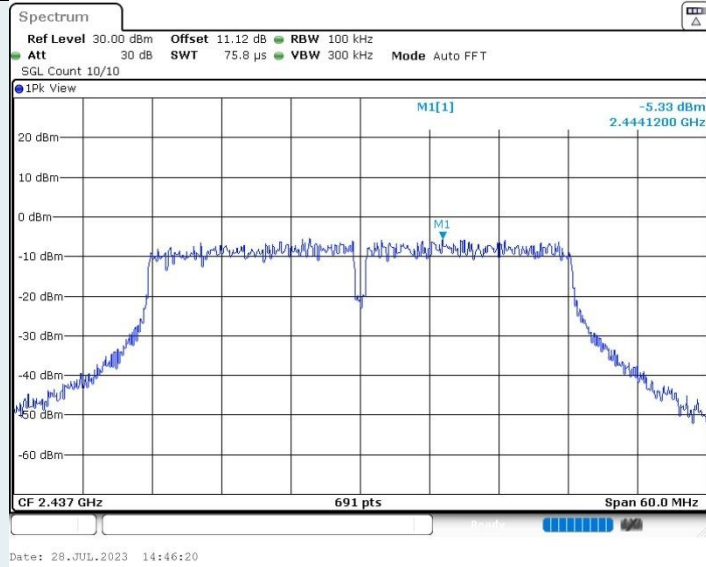
IEEE 802.11n HT40_Ant1_2422MHz_30MHz~1000MHz



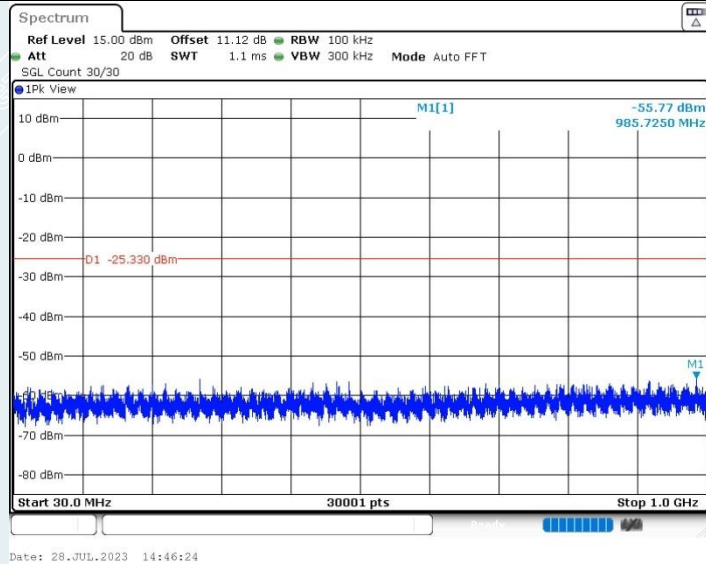
IEEE 802.11n HT40_Ant1_2422MHz_1000MHz~26500MHz



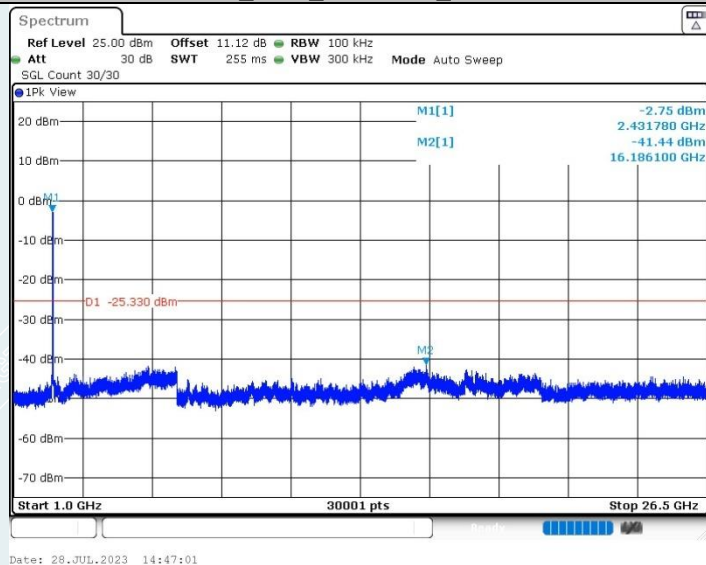
IEEE 802.11n HT40_Ant1_2437MHz_0~Reference



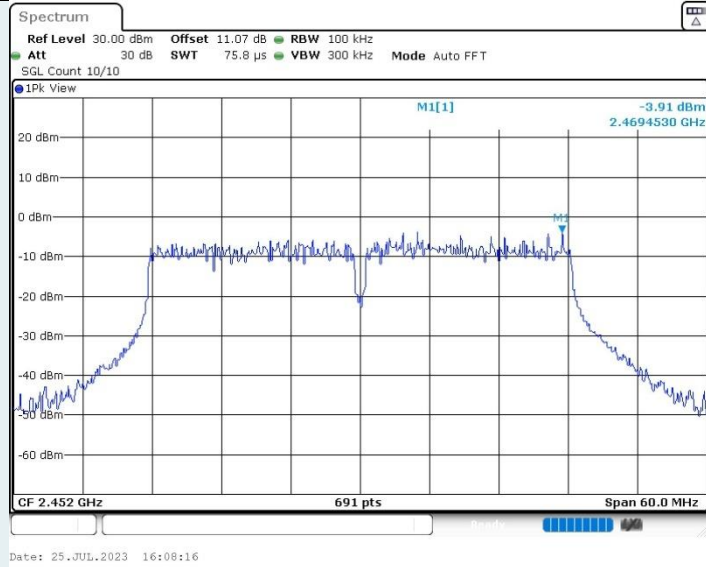
IEEE 802.11n HT40_Ant1_2437MHz_30MHz~1000MHz



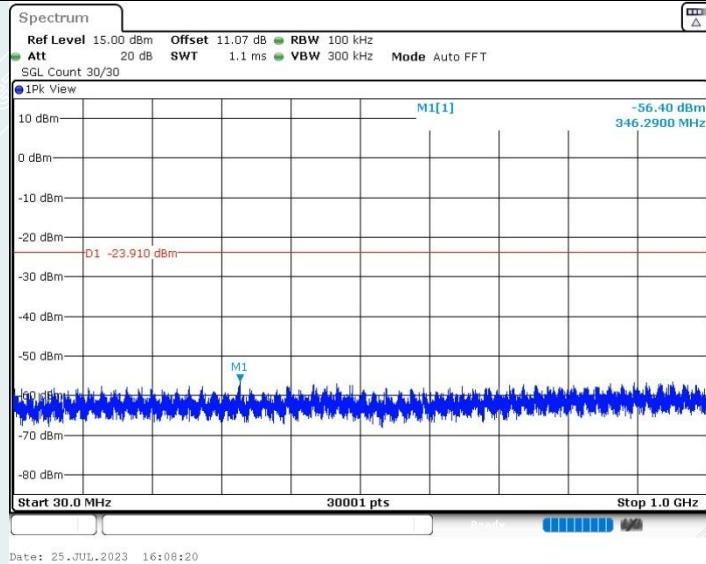
IEEE 802.11n HT40_Ant1_2437MHz_1000MHz~26500MHz



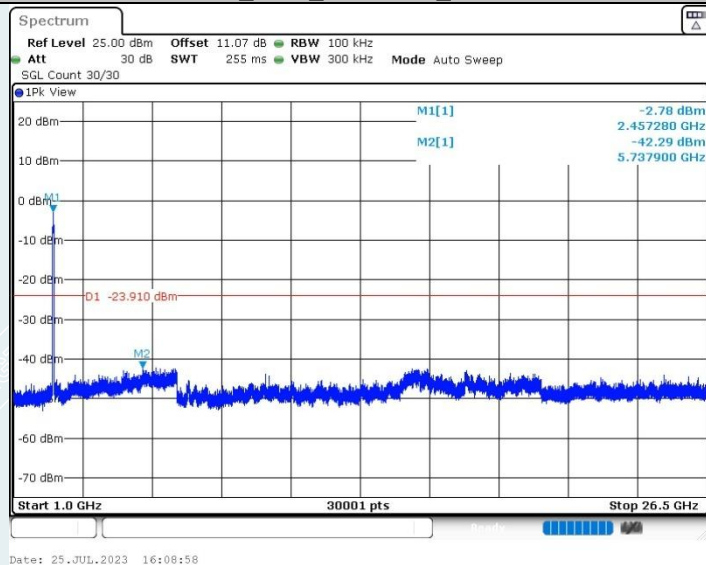
IEEE 802.11n HT40_Ant1_2452MHz_0~Reference



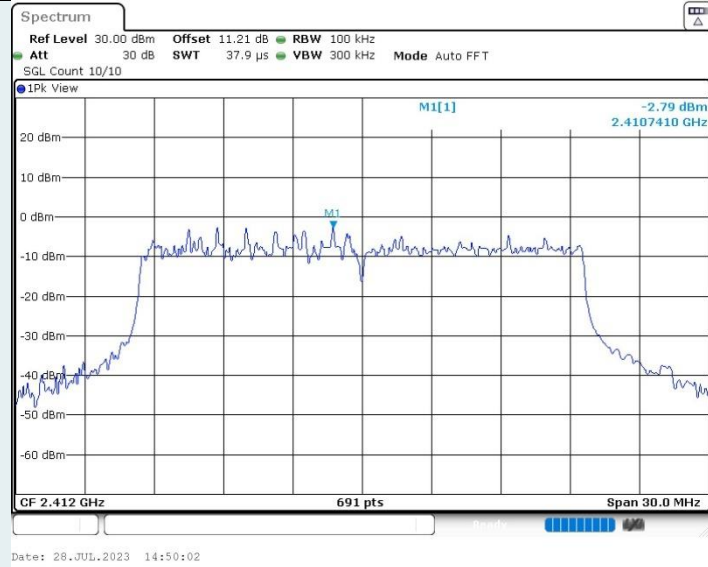
IEEE 802.11n HT40_Ant1_2452MHz_30MHz~1000MHz



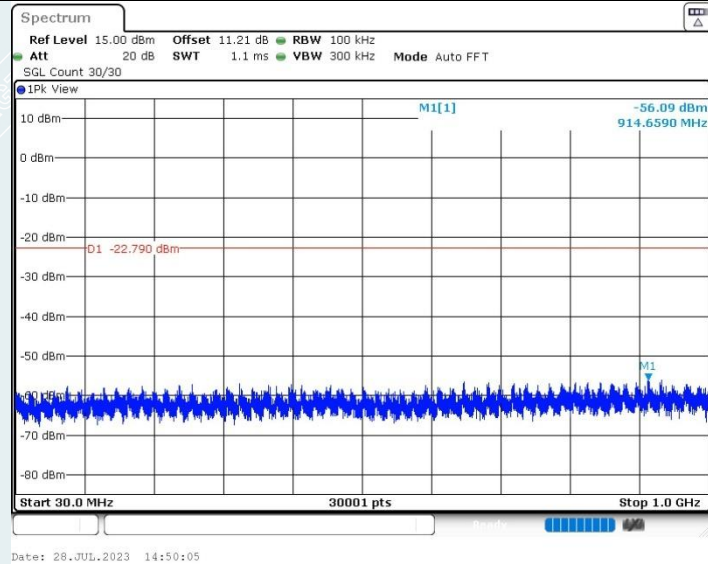
IEEE 802.11n HT40_Ant1_2452MHz_1000MHz~26500MHz



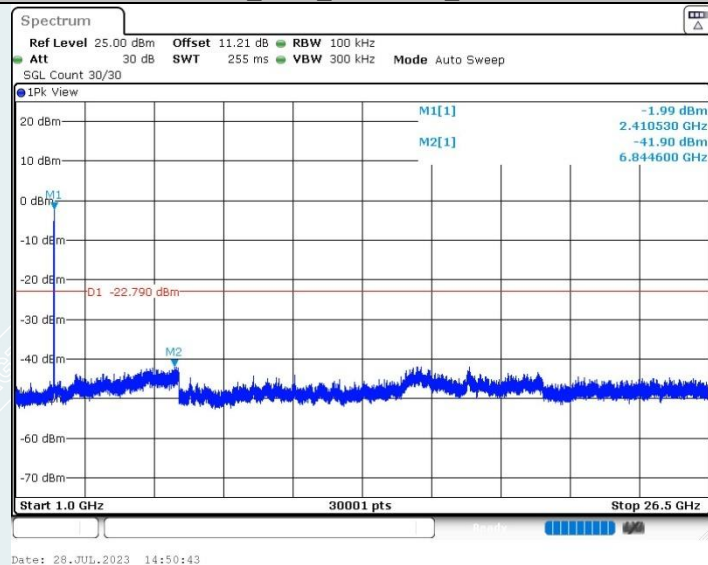
IEEE 802.11ax HE20_Ant1_2412MHz_0~Reference



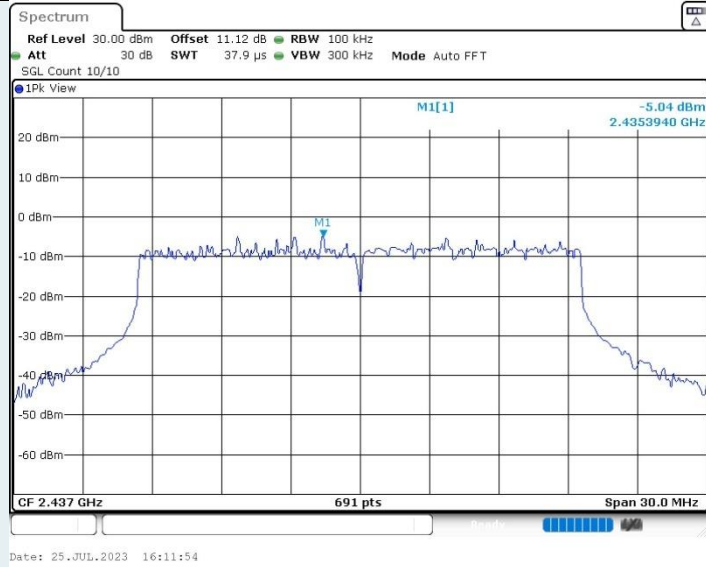
IEEE 802.11ax HE20_Ant1_2412MHz_30MHz~1000MHz



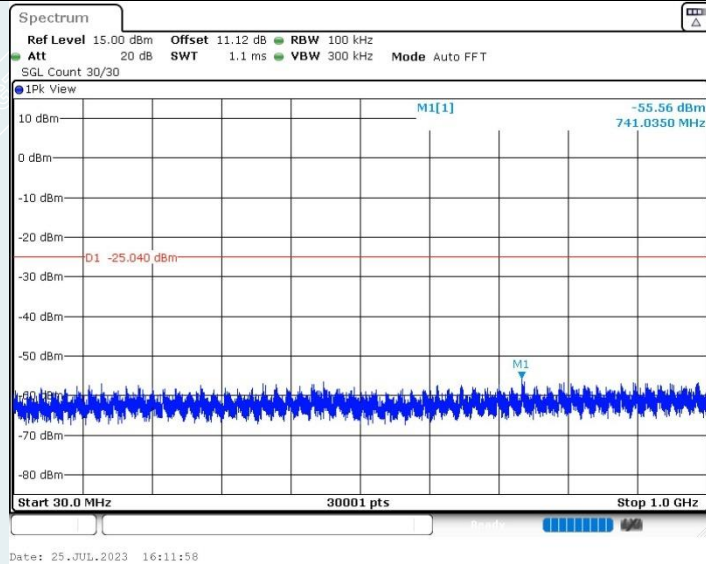
IEEE 802.11ax HE20_Ant1_2412MHz_1000MHz~26500MHz



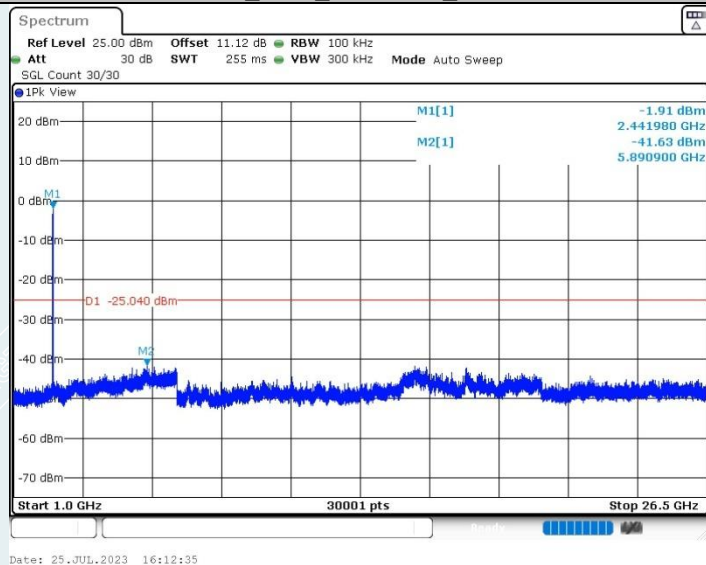
IEEE 802.11ax HE20_Ant1_2437MHz_0~Reference



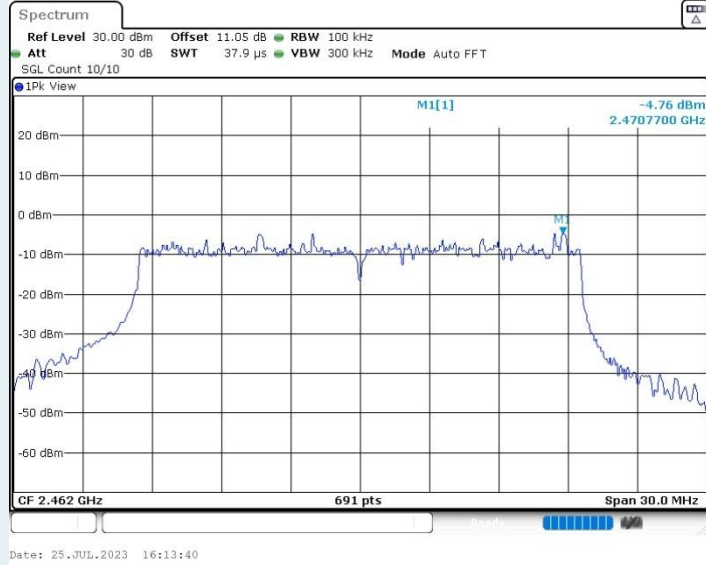
IEEE 802.11ax HE20_Ant1_2437MHz_30MHz~1000MHz



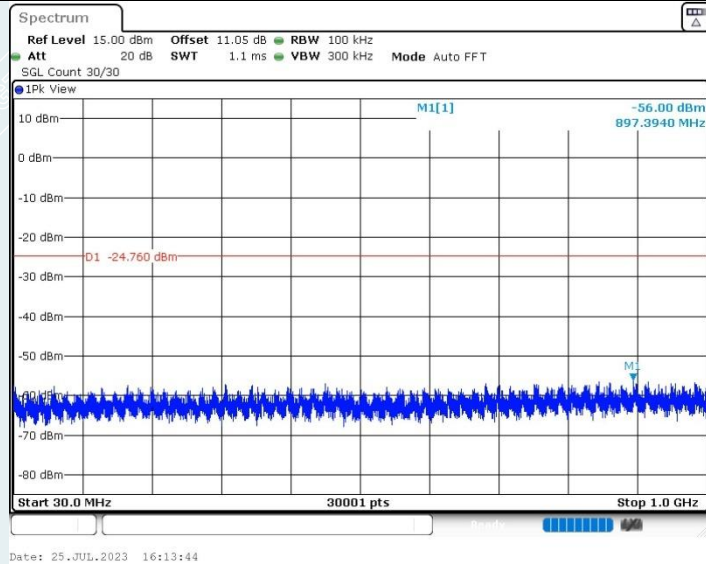
IEEE 802.11ax HE20_Ant1_2437MHz_1000MHz~26500MHz



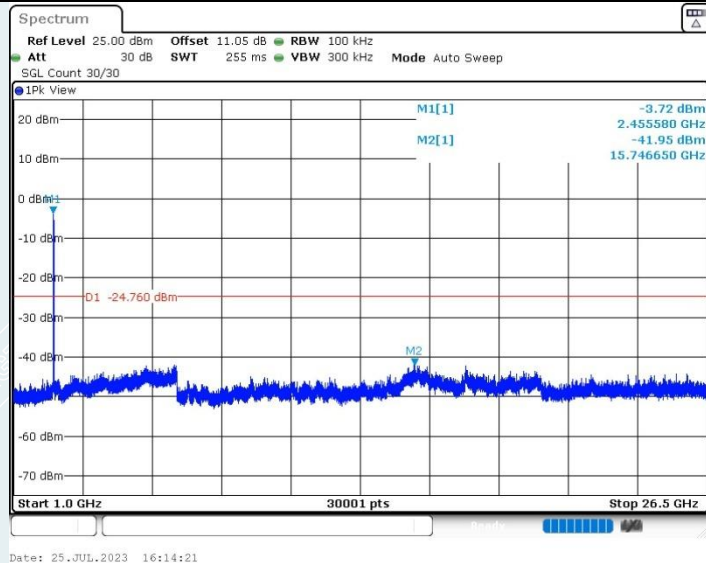
IEEE 802.11ax HE20_Ant1_2462MHz_0~Reference



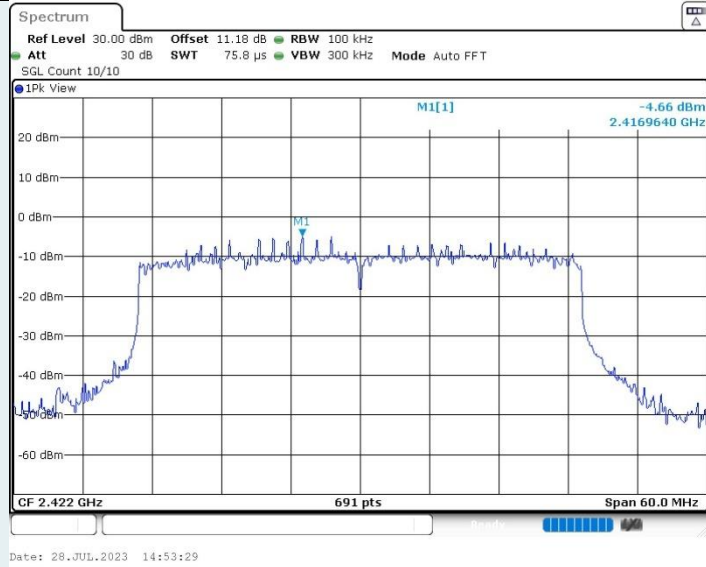
IEEE 802.11ax HE20_Ant1_2462MHz_30MHz~1000MHz



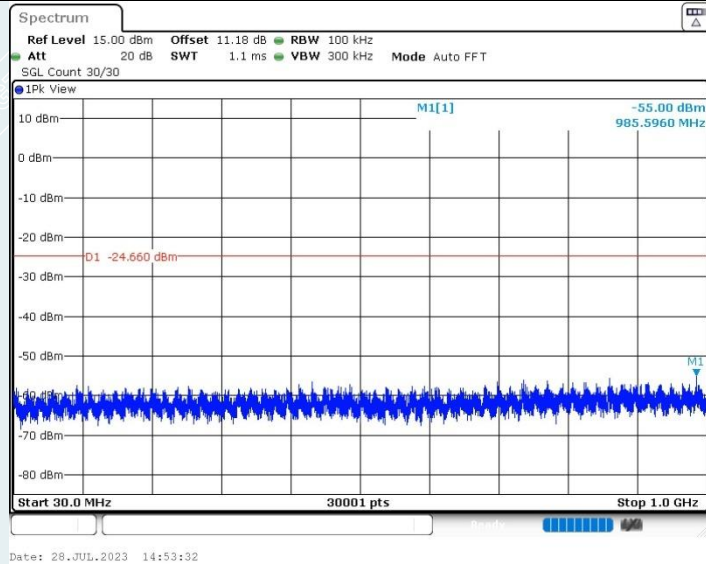
IEEE 802.11ax HE20_Ant1_2462MHz_1000MHz~26500MHz



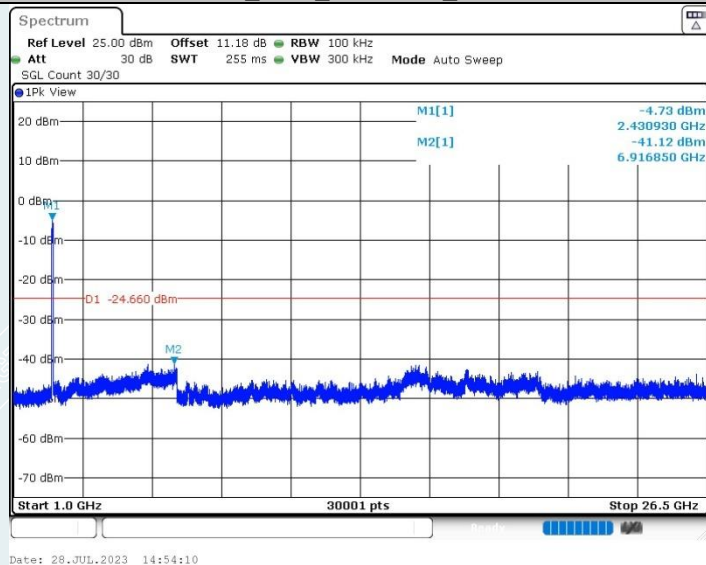
IEEE 802.11ax HE40_Ant1_2422MHz_0~Reference



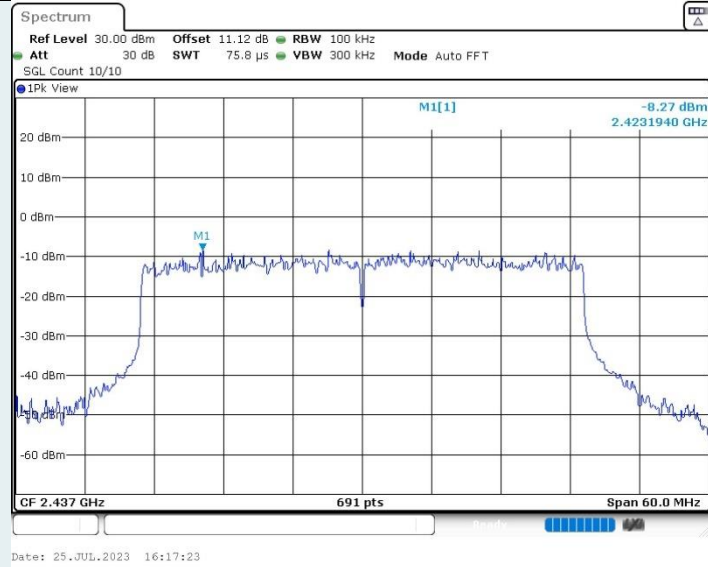
IEEE 802.11ax HE40_Ant1_2422MHz_30MHz~1000MHz



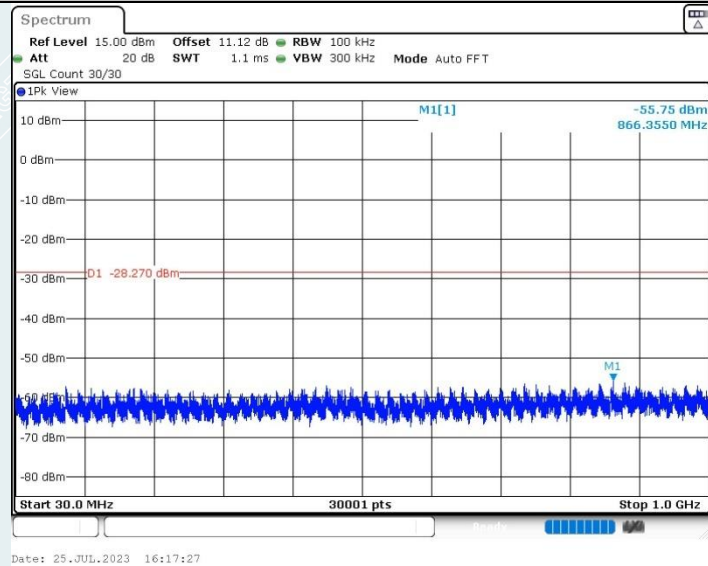
IEEE 802.11ax HE40_Ant1_2422MHz_1000MHz~26500MHz



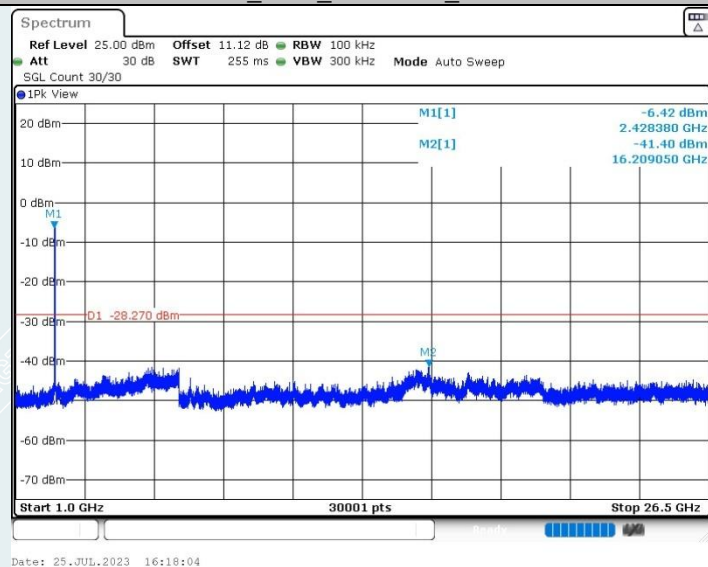
IEEE 802.11ax HE40_Ant1_2437MHz_0~Reference



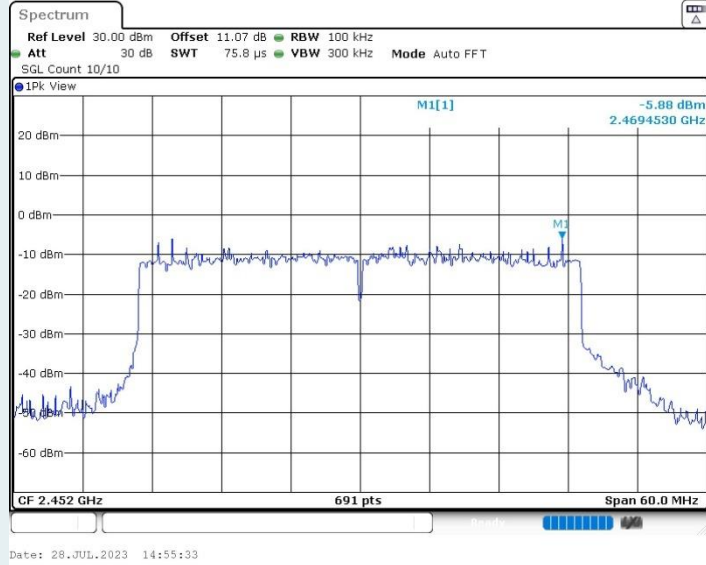
IEEE 802.11ax HE40_Ant1_2437MHz_30MHz~1000MHz



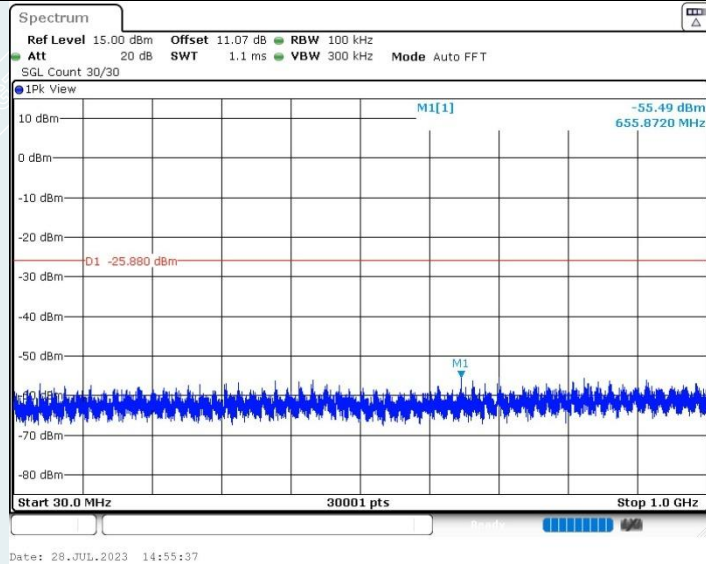
IEEE 802.11ax HE40_Ant1_2437MHz_1000MHz~26500MHz



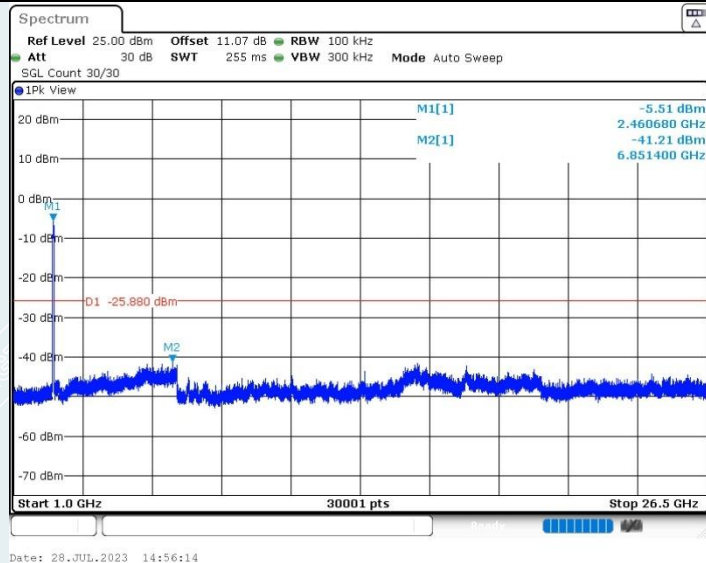
IEEE 802.11ax HE40_Ant1_2452MHz_0~Reference



IEEE 802.11ax HE40_Ant1_2452MHz_30MHz~1000MHz



IEEE 802.11ax HE40_Ant1_2452MHz_1000MHz~26500MHz



11. RESTRICTED BANDS OF OPERATION

11.1 LIMITS

Section 15.247(d) In addition, Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Frequency(MHz)	Frequency(MHz)	Frequency(MHz)	Frequency(GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	
13.36 - 13.41			

Frequency (MHz)	Quasi-peak($\mu\text{V}/\text{m}$)	Measurement distance(m)	Quasi-peak(dB $\mu\text{V}/\text{m}$)@distance 3m
0.009-0.490	2400/F(kHz)	300	128.5~93.8
0.490-1.705	24000/F(kHz)	30	73.8~63
1.705-30.0	30	30	69.5
30~88	100	3	40
88~216	150	3	43.5
216~960	200	3	46
Above 960	500	3	54

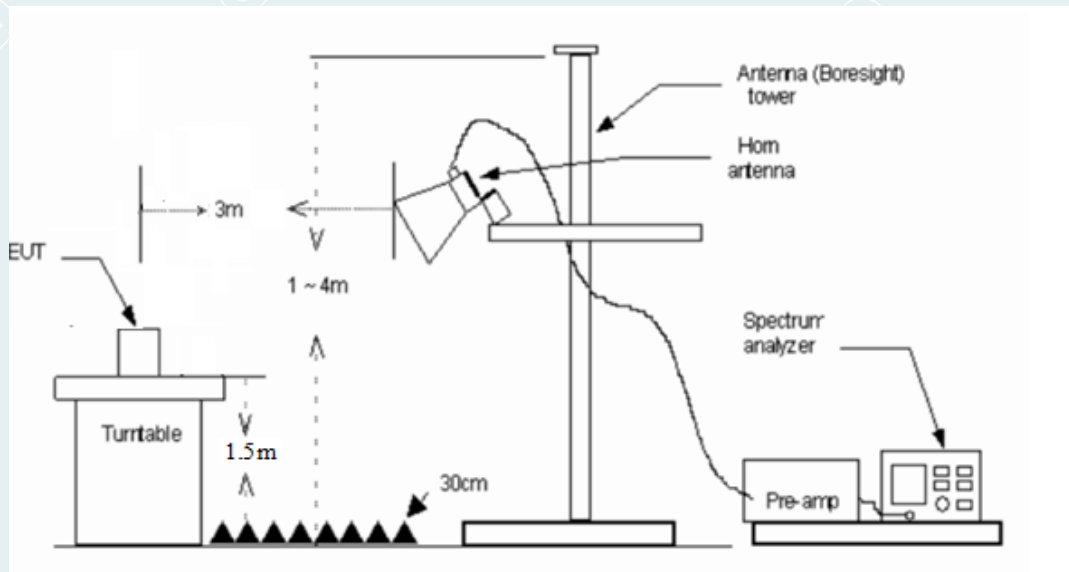
11.2 TEST PROCEDURES

Test procedures follow KDB 558074 D01 DTS Measurement Guidance.

- 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.

If the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10kHz) but not less than 10 Hz. If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$, Where T is defined in section 2.8.
- 5) Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

11.3 TEST SETUP



11.4 TEST RESULTS

Pre-scanned in three placement surfaces, Erect, Lateral standing, Handstand. The worst cases mode (Handstand) were recorded in this report.

IEEE 802.11b mode ANT1

Lowest Channel

Frequency 2412MHz

Environment: 27.5°C/57%RH

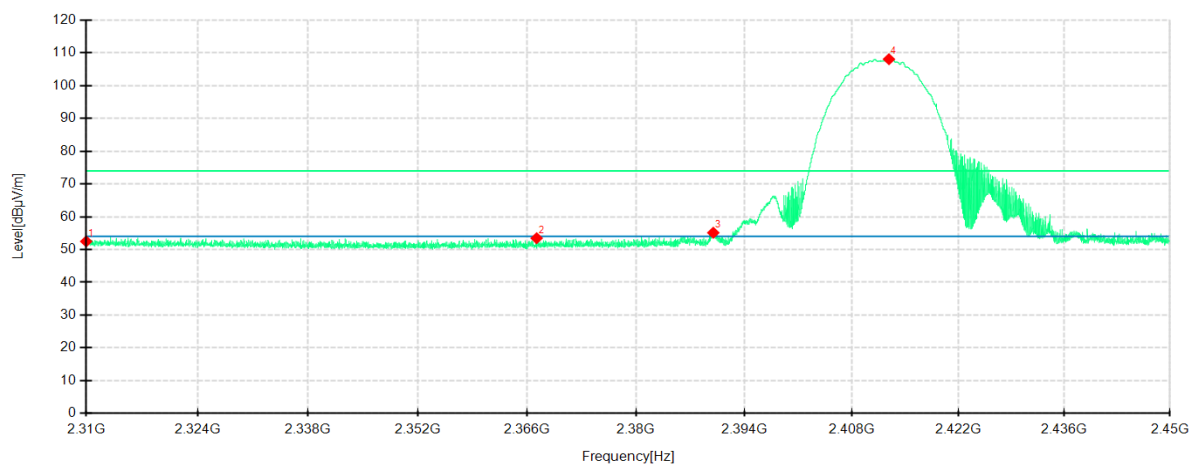
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

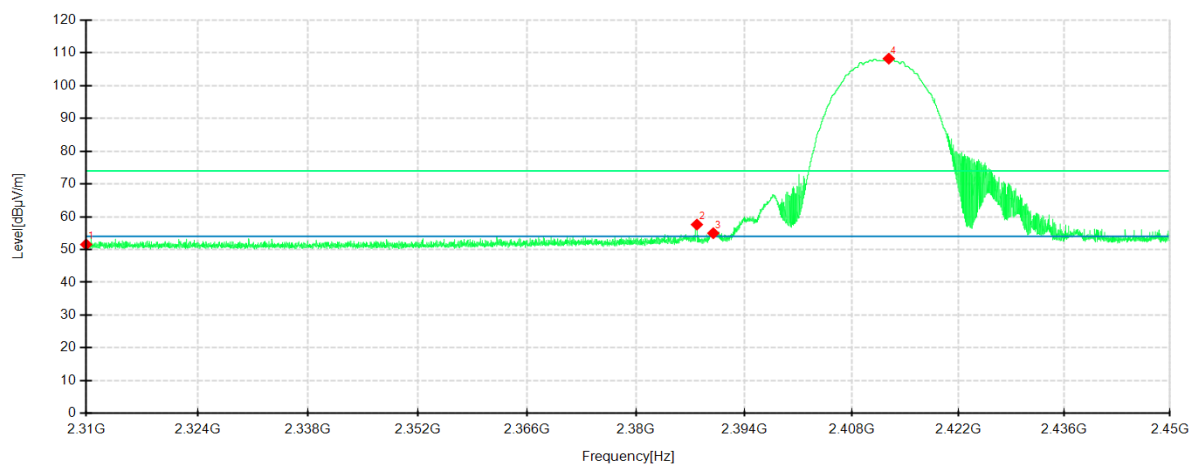
Date: 2023-08-05

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	Comment
1	2310.0000	46.89	52.48	5.59	74.00	21.52	200	67	Horizontal	/
2	2367.1900	48.86	53.46	4.60	74.00	20.54	100	314	Horizontal	/
3	2390.0000	50.33	55.13	4.80	74.00	18.87	100	294	Horizontal	/
4	2412.9000	103.13	108.06	4.93	74.00	-34.06	100	314	Horizontal	No limit
1	2310.0000	46.65	51.54	4.89	74.00	22.46	100	146	Vertical	/
2	2387.8750	52.43	57.61	5.18	74.00	16.39	100	305	Vertical	/
3	2390.0000	49.76	54.98	5.22	74.00	19.02	200	265	Vertical	/
4	2412.8825	102.77	108.23	5.46	74.00	-34.23	100	325	Vertical	No limit

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

IEEE 802.11b mode ANT1**Lowest Channel**

Frequency 2412MHz

Environment: 27.5°C/57%RH

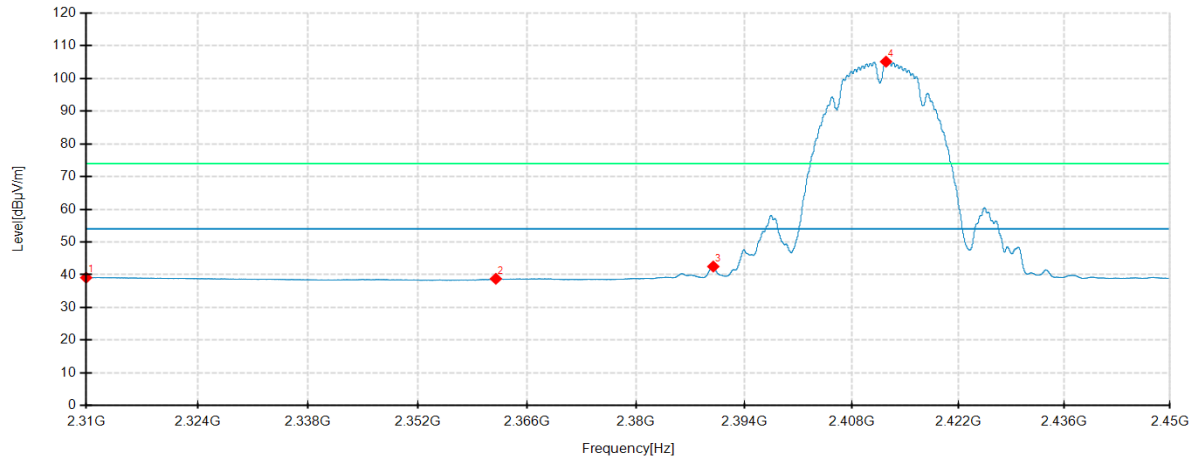
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

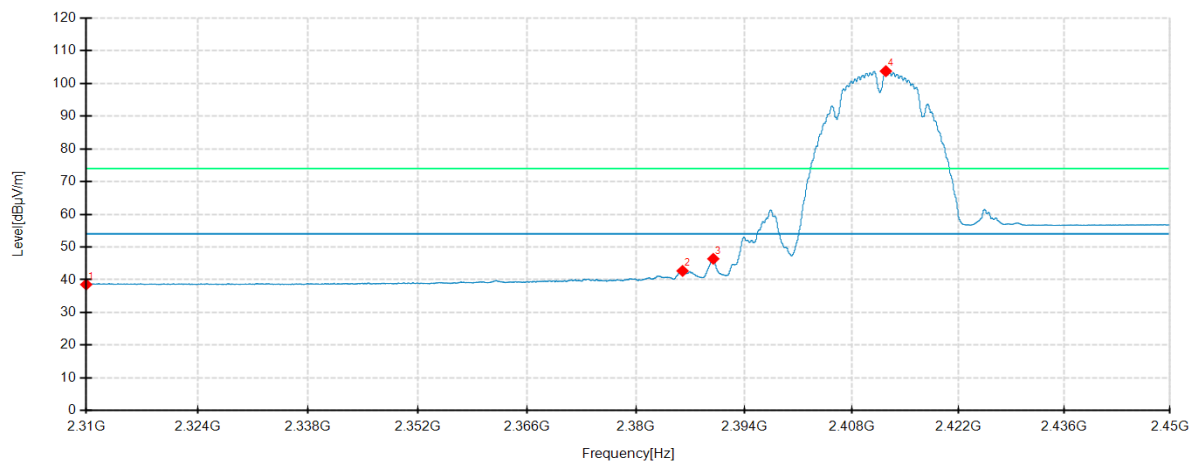
Date: 2023-08-05

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	Comment
1	2310.0000	33.53	39.12	5.59	54.00	14.88	100	17	Horizontal	/
2	2361.9575	34.22	38.78	4.56	54.00	15.22	200	216	Horizontal	/
3	2390.0000	37.72	42.52	4.80	54.00	11.48	100	223	Horizontal	/
4	2412.5150	100.20	105.13	4.93	54.00	-51.13	100	293	Horizontal	No limit
1	2310.0000	33.65	38.54	4.89	54.00	15.46	200	247	Vertical	/
2	2386.0200	37.55	42.70	5.15	54.00	11.30	200	306	Vertical	/
3	2390.0000	41.19	46.41	5.22	54.00	7.59	200	306	Vertical	/
4	2412.4975	98.29	103.74	5.45	54.00	-49.74	200	306	Vertical	No limit

IEEE 802.11b mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

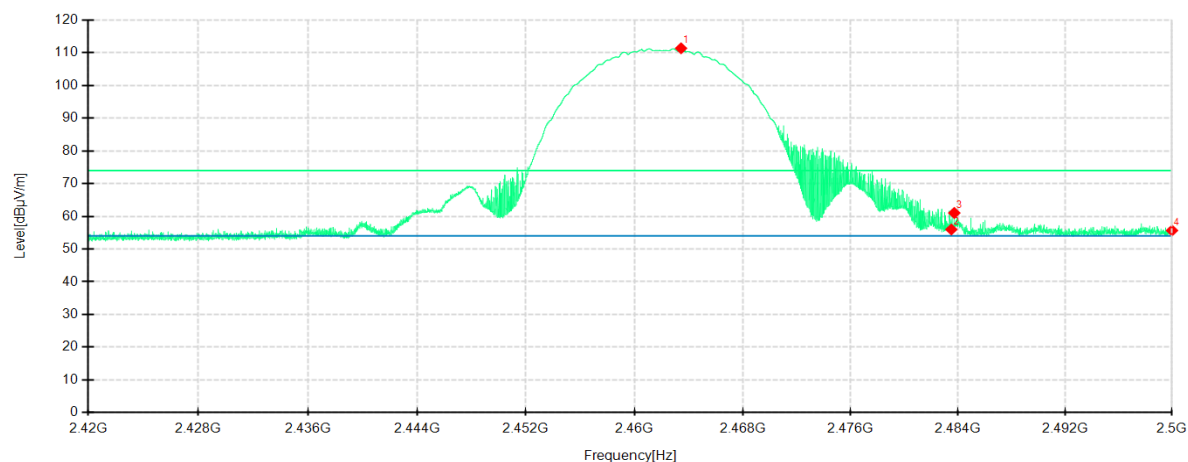
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

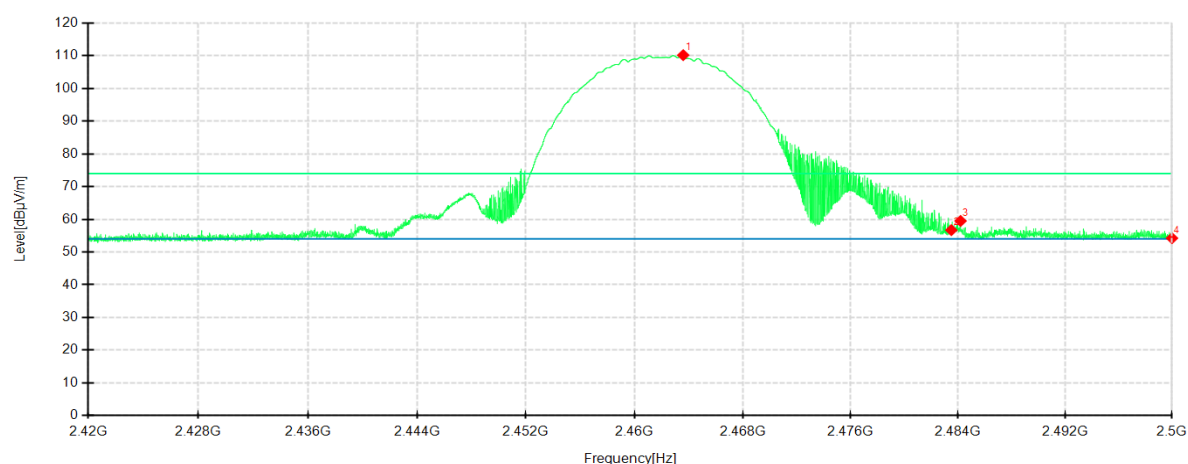
Date: 2023-08-05

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	Comment
1	2463.4400	106.04	111.34	5.30	74.00	-37.34	100	294	Horizontal	No limit
2	2483.5000	50.35	55.98	5.63	74.00	18.02	200	281	Horizontal	/
3	2483.7200	55.39	61.03	5.64	74.00	12.97	100	314	Horizontal	/
4	2500.0000	49.76	55.66	5.90	74.00	18.34	200	252	Horizontal	/
1	2463.6000	104.48	110.17	5.69	74.00	-36.17	100	322	Vertical	No limit
2	2483.5000	51.00	56.70	5.70	74.00	17.30	200	324	Vertical	/
3	2484.1900	53.80	59.50	5.70	74.00	14.50	100	342	Vertical	/
4	2500.0000	48.54	54.24	5.70	74.00	19.76	100	333	Vertical	/

IEEE 802.11b mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

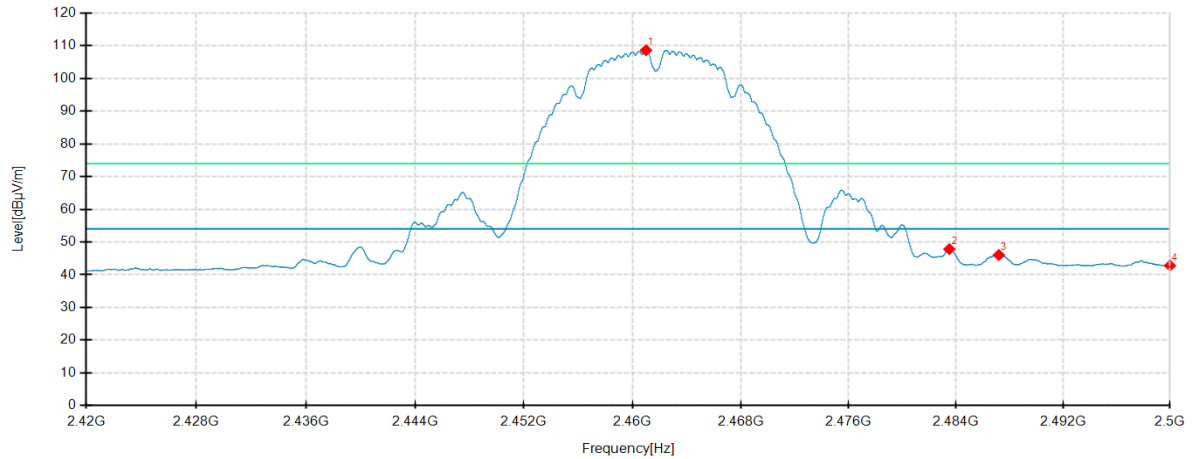
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

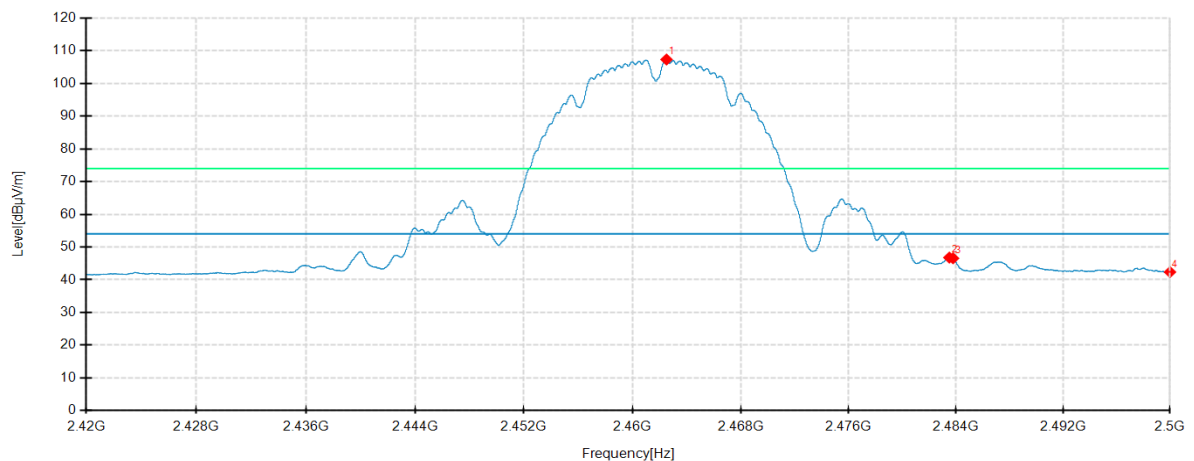
Date: 2023-08-05

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	Comment
1	2461.0000	103.37	108.63	5.26	54.00	-54.63	100	286	Horizontal	No limit
2	2483.5000	42.21	47.84	5.63	54.00	6.16	100	305	Horizontal	/
3	2487.1900	40.36	46.05	5.69	54.00	7.95	100	305	Horizontal	/
4	2500.0000	36.89	42.79	5.90	54.00	11.21	100	305	Horizontal	/
1	2462.5100	101.62	107.31	5.69	54.00	-53.31	200	312	Vertical	No limit
2	2483.5000	41.09	46.79	5.70	54.00	7.21	200	305	Vertical	/
3	2483.7800	40.86	46.56	5.70	54.00	7.44	200	305	Vertical	/
4	2500.0000	36.66	42.36	5.70	54.00	11.64	200	305	Vertical	/

IEEE 802.11g mode ANT1**Lowest Channel**

Frequency 2412MHz

Environment: 27.5°C/57%RH

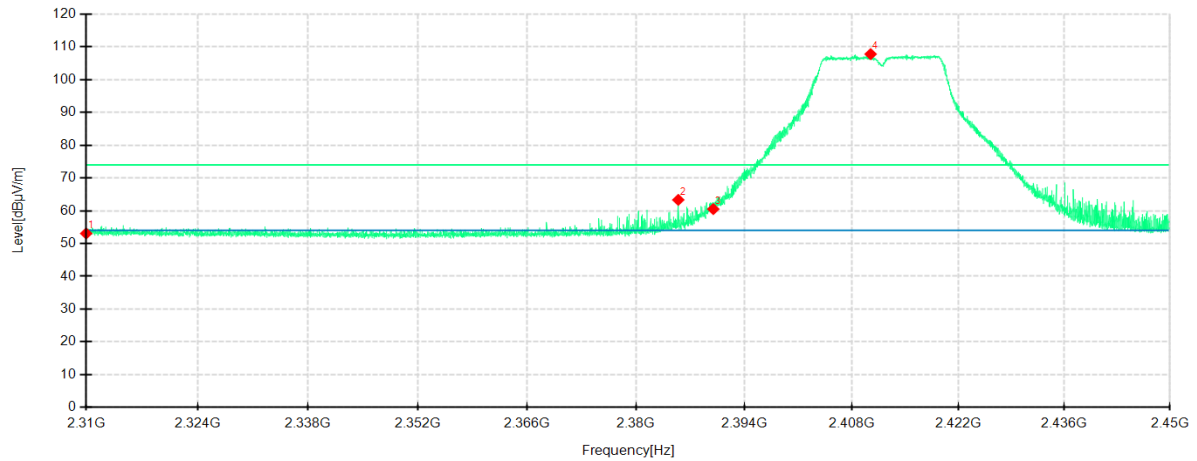
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

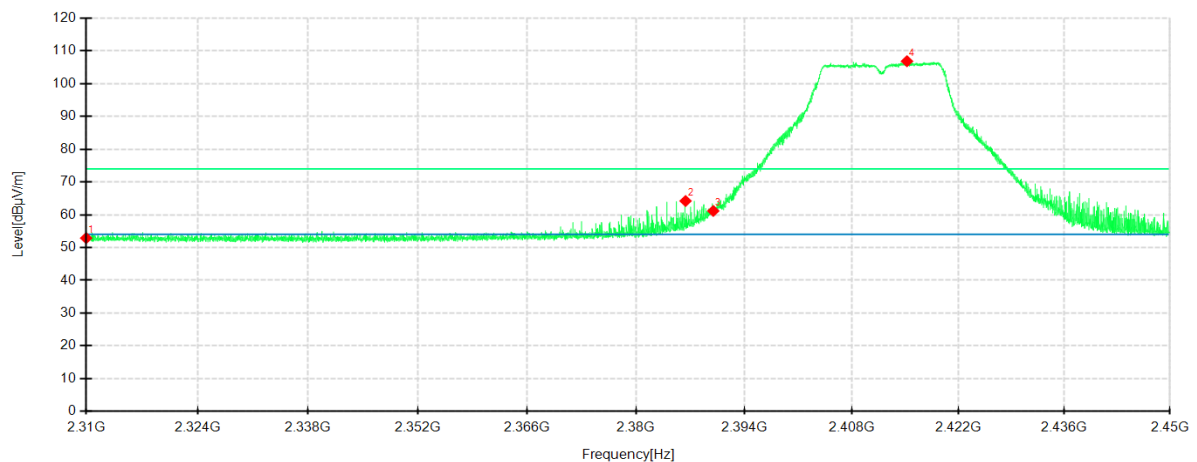
Date: 2023-08-05

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	Comment
1	2310.0000	47.48	53.07	5.59	74.00	20.93	100	344	Horizontal	/
2	2385.4600	58.56	63.32	4.76	74.00	10.68	100	304	Horizontal	/
3	2390.0000	55.72	60.52	4.80	74.00	13.48	100	314	Horizontal	/
4	2410.5025	102.86	107.78	4.92	74.00	-33.78	100	304	Horizontal	No limit
1	2310.0000	47.99	52.88	4.89	74.00	21.12	100	74	Vertical	/
2	2386.4050	59.04	64.20	5.16	74.00	9.80	200	315	Vertical	/
3	2390.0000	55.95	61.17	5.22	74.00	12.83	200	305	Vertical	/
4	2415.2625	101.36	106.83	5.47	74.00	-32.83	100	321	Vertical	No limit

IEEE 802.11g mode ANT1**Lowest Channel**

Frequency 2412MHz

Environment: 27.5°C/57%RH

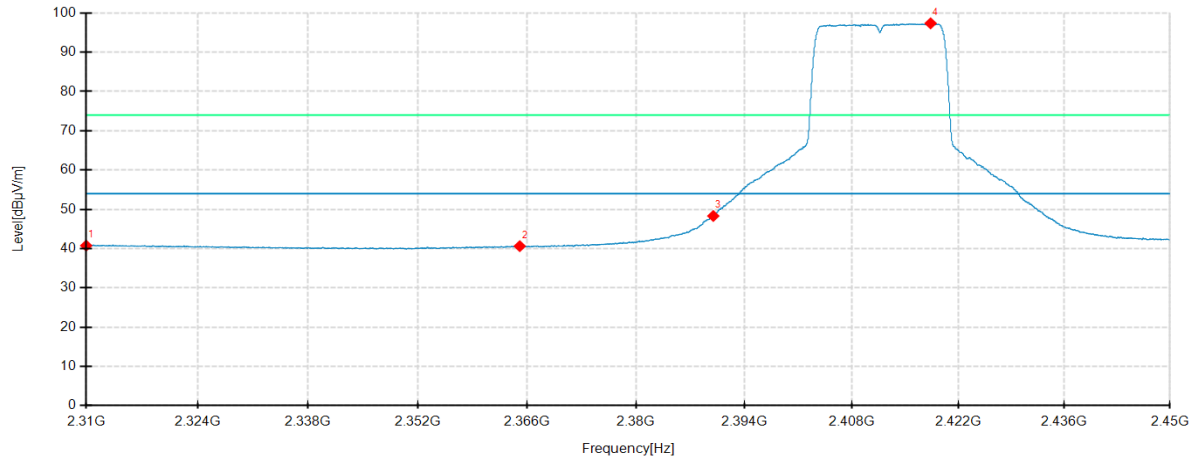
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

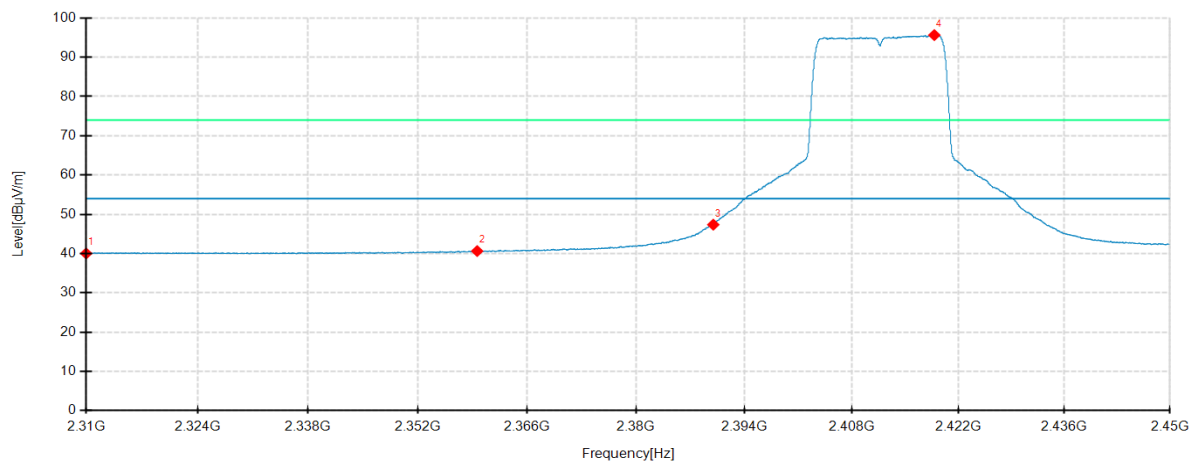
Date: 2023-08-05

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	Comment
1	2310.0000	35.17	40.76	5.59	54.00	13.24	100	284	Horizontal	/
2	2365.0200	36.03	40.62	4.59	54.00	13.38	100	315	Horizontal	/
3	2390.0000	43.50	48.30	4.80	54.00	5.70	100	305	Horizontal	/
4	2418.3600	92.41	97.36	4.95	54.00	-43.36	100	294	Horizontal	No limit
1	2310.0000	35.14	40.03	4.89	54.00	13.97	100	312	Vertical	/
2	2359.5600	35.93	40.65	4.72	54.00	13.35	100	332	Vertical	/
3	2390.0000	42.15	47.37	5.22	54.00	6.63	200	305	Vertical	/
4	2418.8500	90.14	95.64	5.50	54.00	-41.64	200	295	Vertical	No limit

IEEE 802.11g mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

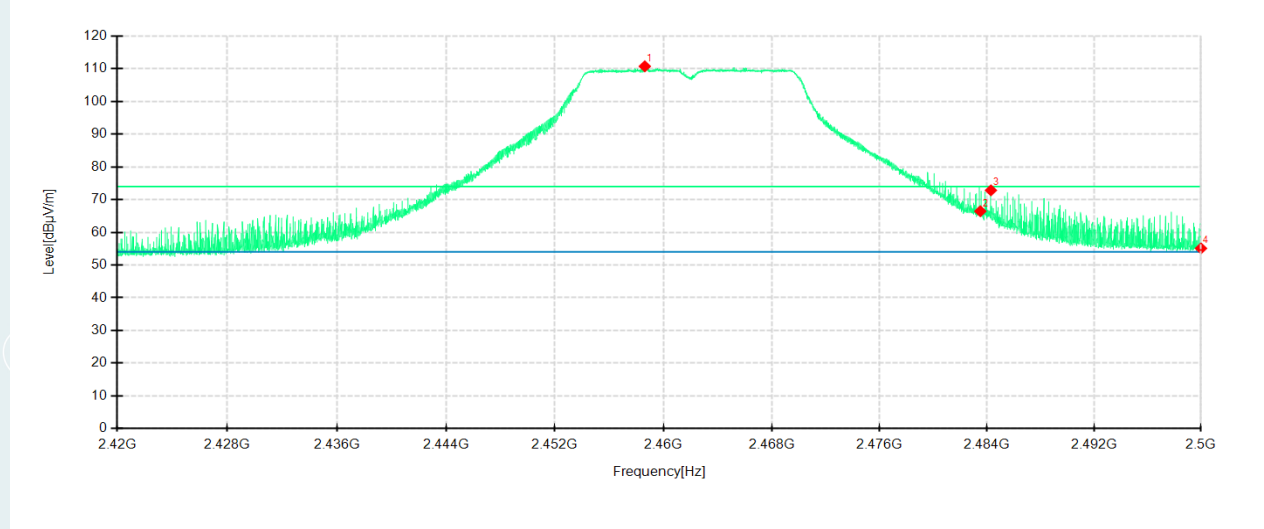
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

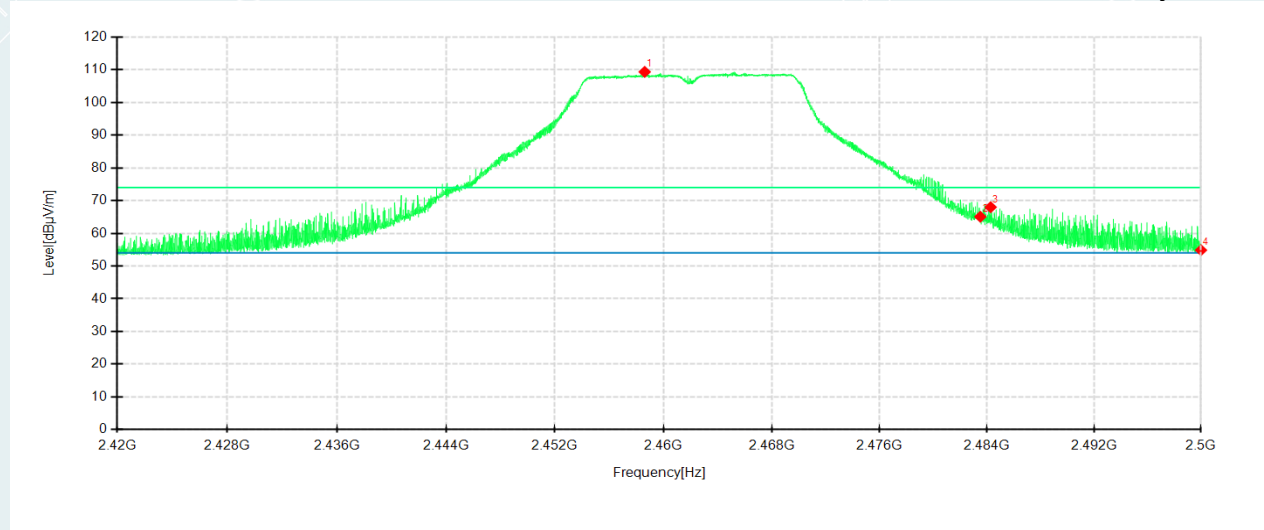
Date: 2023-08-05

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	Comment
1	2458.6200	105.50	110.73	5.23	74.00	-36.73	100	304	Horizontal	No limit
2	2483.5000	60.82	66.45	5.63	74.00	7.55	100	304	Horizontal	/
3	2484.2900	67.19	72.84	5.65	74.00	1.16	100	315	Horizontal	/
4	2500.0000	49.20	55.10	5.90	74.00	18.90	100	255	Horizontal	/
1	2458.6100	103.65	109.34	5.69	74.00	-35.34	100	315	Vertical	No limit
2	2483.5000	59.37	65.07	5.70	74.00	8.93	100	315	Vertical	/
3	2484.2700	62.28	67.98	5.70	74.00	6.02	200	330	Vertical	/
4	2500.0000	49.16	54.86	5.70	74.00	19.14	200	330	Vertical	/

IEEE 802.11g mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

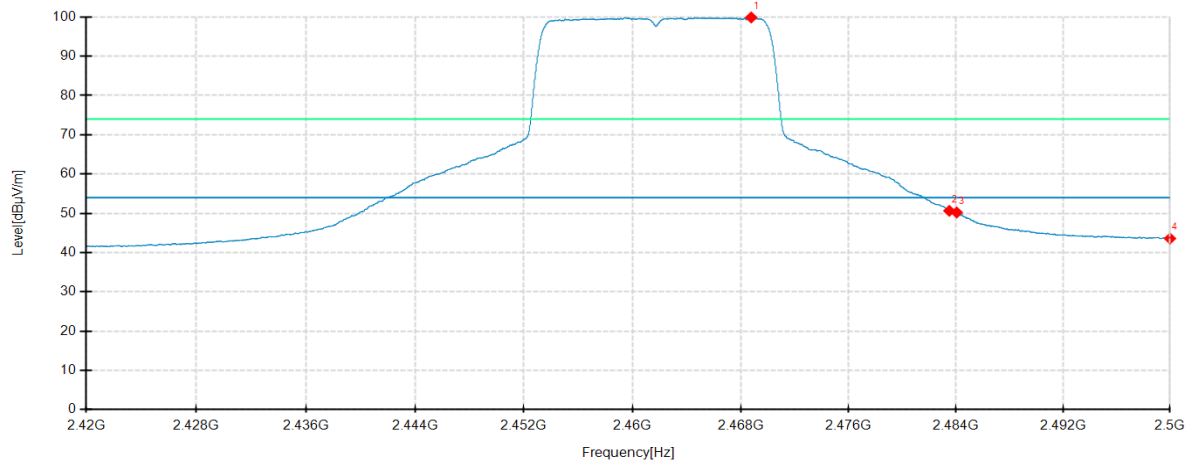
Tested By: Chen Xiaocong

Detector mode: Average

Voltage: AC 120V/60Hz

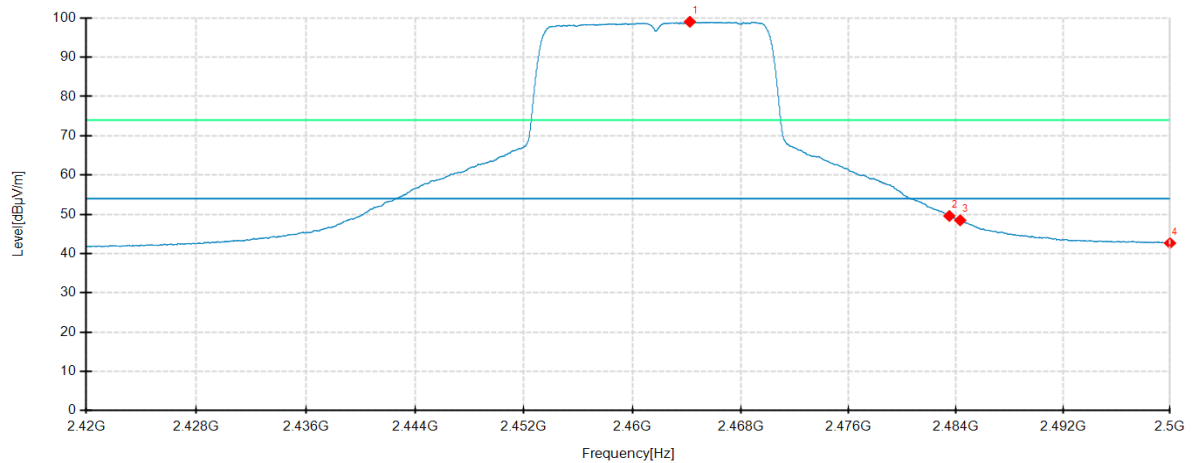
Date: 2023-08-05

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	Comment
1	2468.7800	94.49	99.88	5.39	54.00	-45.88	100	302	Horizontal	No limit
2	2483.5000	45.01	50.64	5.63	54.00	3.36	100	312	Horizontal	/
3	2484.0500	44.57	50.21	5.64	54.00	3.79	100	283	Horizontal	/
4	2500.0000	37.69	43.59	5.90	54.00	10.41	100	292	Horizontal	/
1	2464.2400	93.34	99.03	5.69	54.00	-45.03	100	315	Vertical	No limit
2	2483.5000	43.88	49.58	5.70	54.00	4.42	200	314	Vertical	/
3	2484.3100	42.77	48.47	5.70	54.00	5.53	200	314	Vertical	/
4	2500.0000	36.97	42.67	5.70	54.00	11.33	100	304	Vertical	/

IEEE 802.11n HT20 mode ANT1**Lowest Channel**

Frequency 2412MHz

Environment: 27.5°C/57%RH

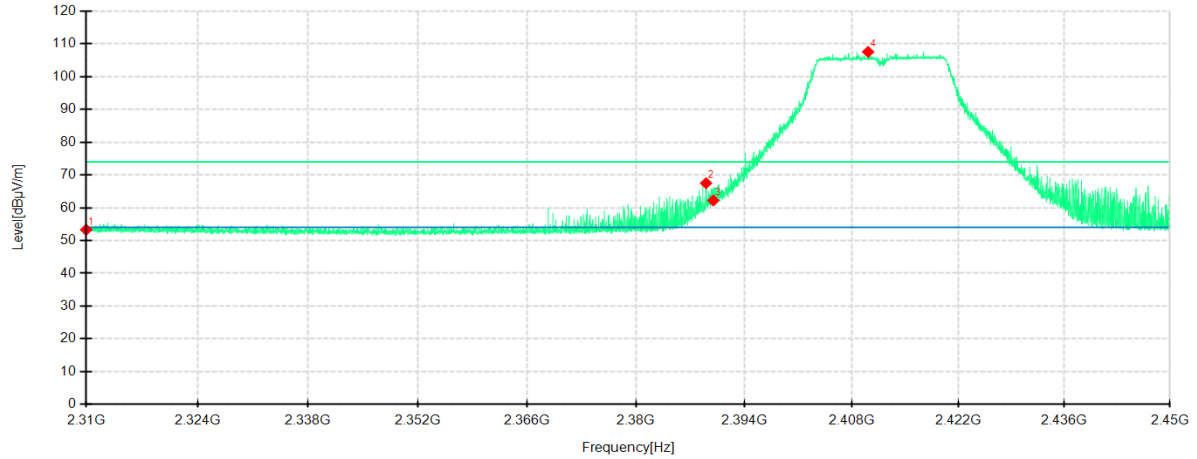
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

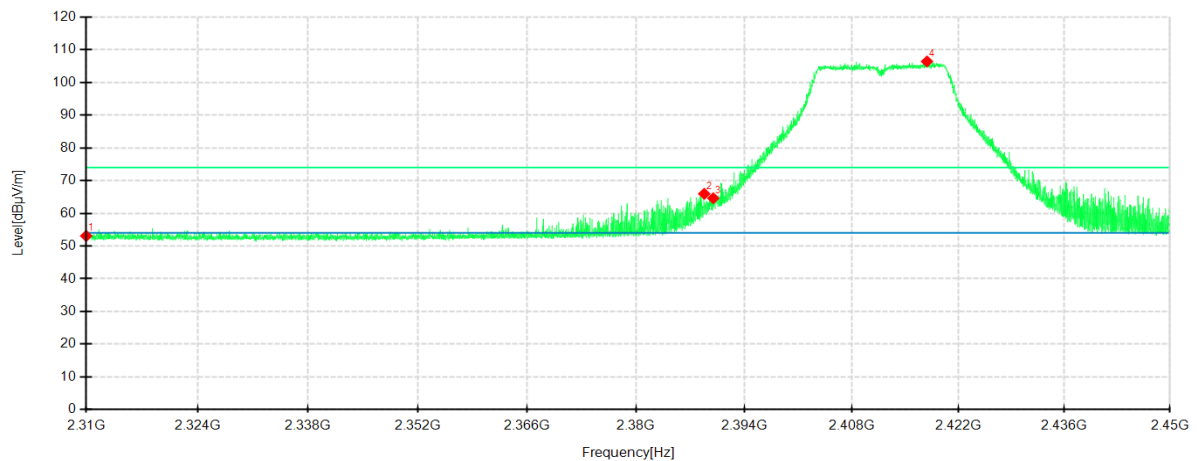
Date: 2023-08-05

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	Comment
1	2310.0000	47.70	53.29	5.59	74.00	20.71	100	25	Horizontal	/
2	2389.0650	62.72	67.50	4.78	74.00	6.50	100	298	Horizontal	/
3	2390.0000	57.43	62.23	4.80	74.00	11.77	100	260	Horizontal	/
4	2410.1700	102.64	107.56	4.92	74.00	-33.56	100	309	Horizontal	No limit
1	2310.0000	48.21	53.10	4.89	74.00	20.90	200	123	Vertical	/
2	2388.8200	60.76	65.96	5.20	74.00	8.04	200	300	Vertical	/
3	2390.0000	59.40	64.62	5.22	74.00	9.38	100	305	Vertical	/
4	2417.8875	100.92	106.41	5.49	74.00	-32.41	100	325	Vertical	No limit

IEEE 802.11n HT20 mode ANT1**Lowest Channel**

Frequency 2412MHz

Environment: 27.5°C/57%RH

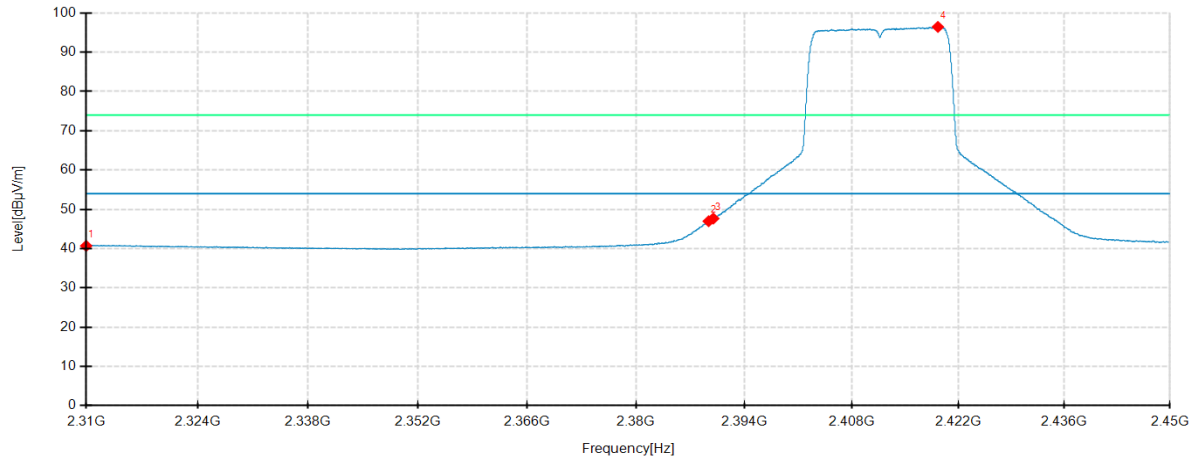
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

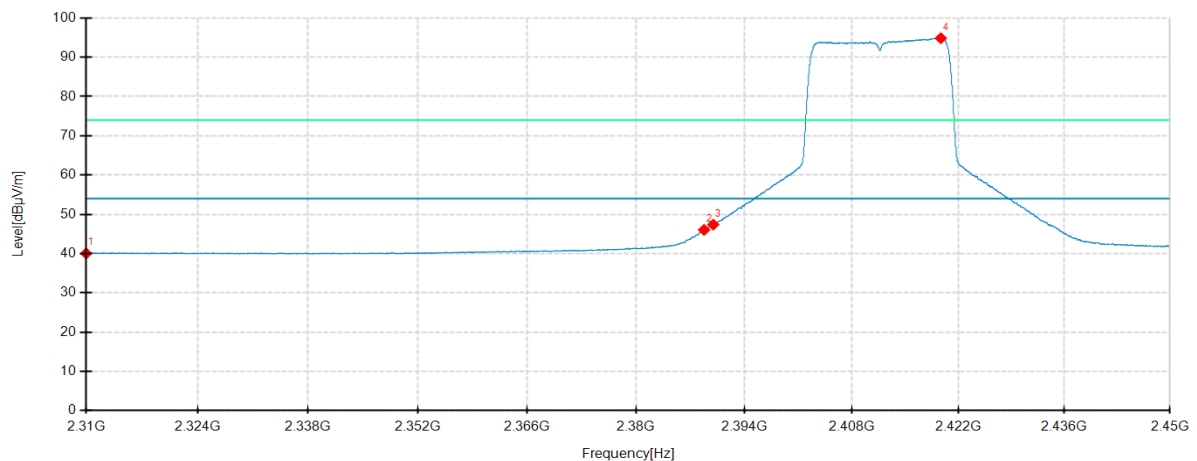
Date: 2023-08-05

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	Comment
1	2310.0000	35.10	40.69	5.59	54.00	13.31	100	154	Horizontal	/
2	2389.3975	42.18	46.97	4.79	54.00	7.03	100	295	Horizontal	/
3	2390.0000	42.86	47.66	4.80	54.00	6.34	100	295	Horizontal	/
4	2419.3225	91.49	96.45	4.96	54.00	-42.45	100	305	Horizontal	No limit
1	2310.0000	35.15	40.04	4.89	54.00	13.96	100	7	Vertical	/
2	2388.8025	40.83	46.03	5.20	54.00	7.97	200	293	Vertical	/
3	2390.0000	42.16	47.38	5.22	54.00	6.62	200	302	Vertical	/
4	2419.7075	89.35	94.85	5.50	54.00	-40.85	200	302	Vertical	No limit

IEEE 802.11n HT20 mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

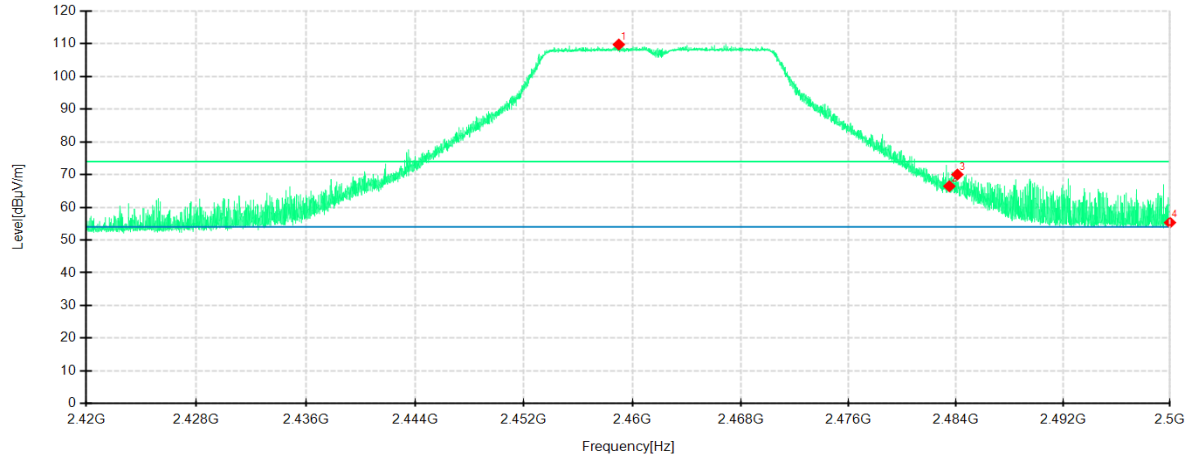
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

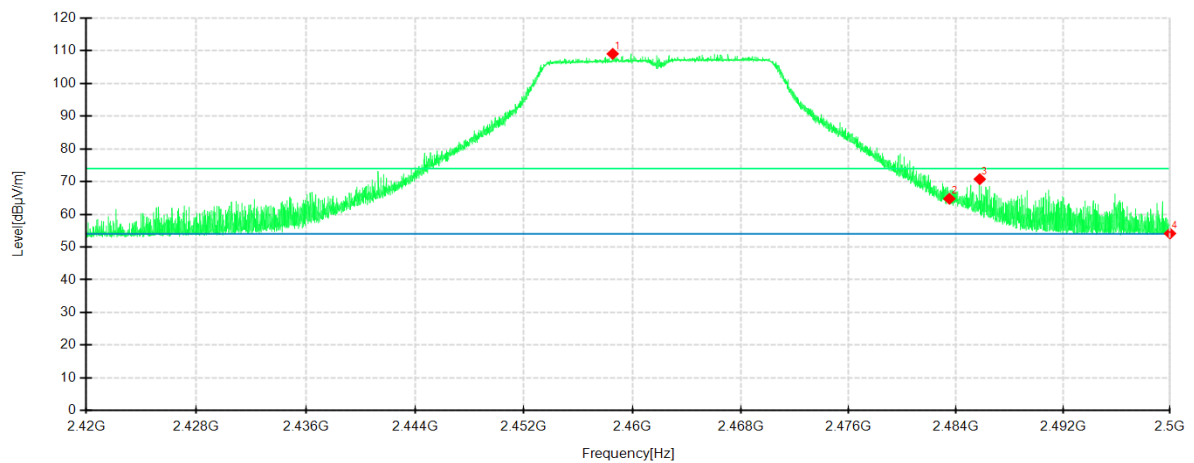
Date: 2023-08-05

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	Comment
1	2458.9900	104.52	109.75	5.23	74.00	-35.75	100	313	Horizontal	No limit
2	2483.5000	60.82	66.45	5.63	74.00	7.55	100	274	Horizontal	/
3	2484.1000	64.38	70.02	5.64	74.00	3.98	100	294	Horizontal	/
4	2500.0000	49.44	55.34	5.90	74.00	18.66	200	257	Horizontal	/
1	2458.5400	103.35	109.04	5.69	74.00	-35.04	100	315	Vertical	No limit
2	2483.5000	59.06	64.76	5.70	74.00	9.24	100	324	Vertical	/
3	2485.7700	65.06	70.75	5.69	74.00	3.25	100	324	Vertical	/
4	2500.0000	48.44	54.14	5.70	74.00	19.86	100	233	Vertical	/

IEEE 802.11n HT20 mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

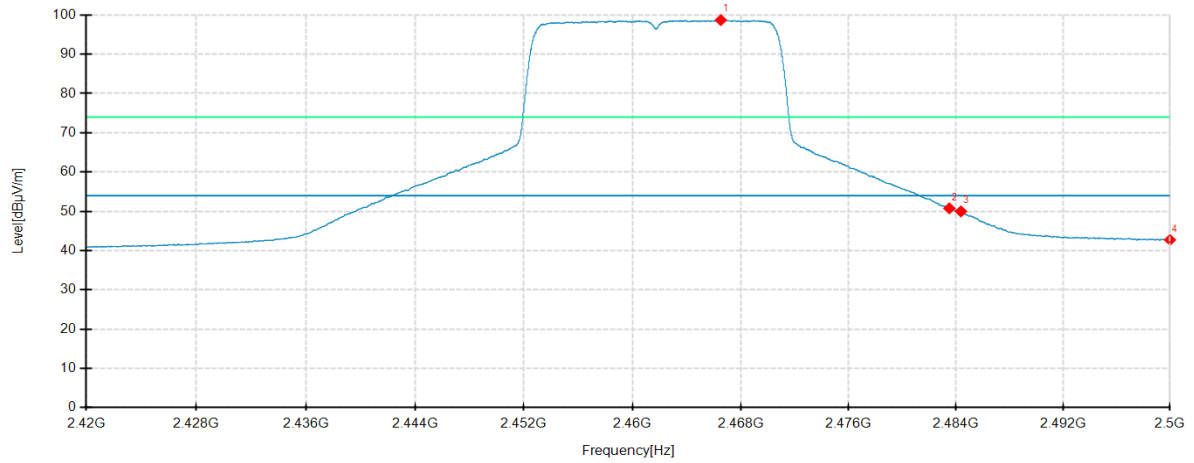
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

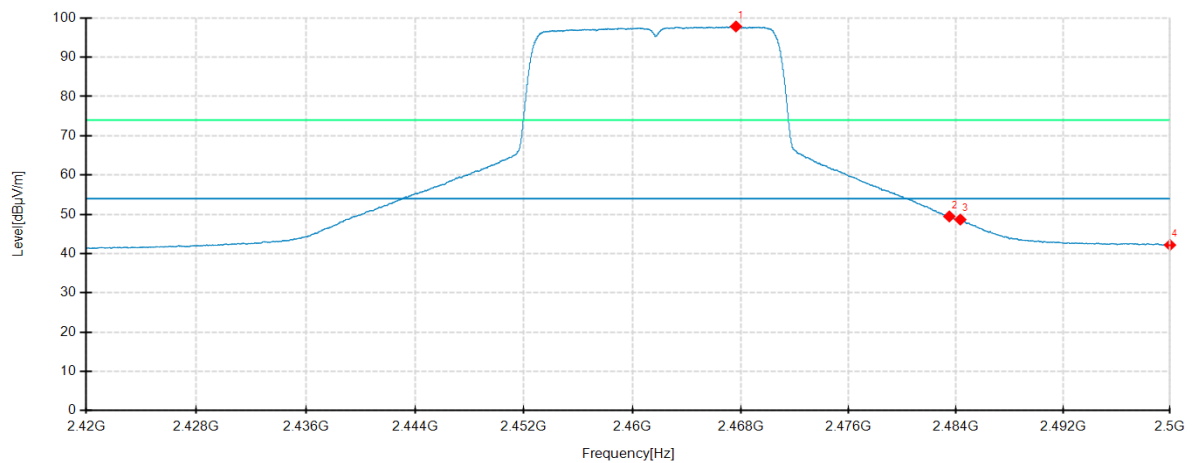
Date: 2023-08-05

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	Comment
1	2466.5300	93.35	98.70	5.35	54.00	-44.70	100	301	Horizontal	No limit
2	2483.5000	45.13	50.76	5.63	54.00	3.24	100	292	Horizontal	/
3	2484.3700	44.33	49.98	5.65	54.00	4.02	100	292	Horizontal	/
4	2500.0000	36.83	42.73	5.90	54.00	11.27	100	292	Horizontal	/
1	2467.6500	92.15	97.84	5.69	54.00	-43.84	100	315	Vertical	No limit
2	2483.5000	43.77	49.47	5.70	54.00	4.53	200	313	Vertical	/
3	2484.3200	42.96	48.66	5.70	54.00	5.34	200	313	Vertical	/
4	2500.0000	36.48	42.18	5.70	54.00	11.82	100	325	Vertical	/

IEEE 802.11n HT40 mode ANT1**Lowest Channel**

Frequency 2422MHz

Environment: 27.5°C/57%RH

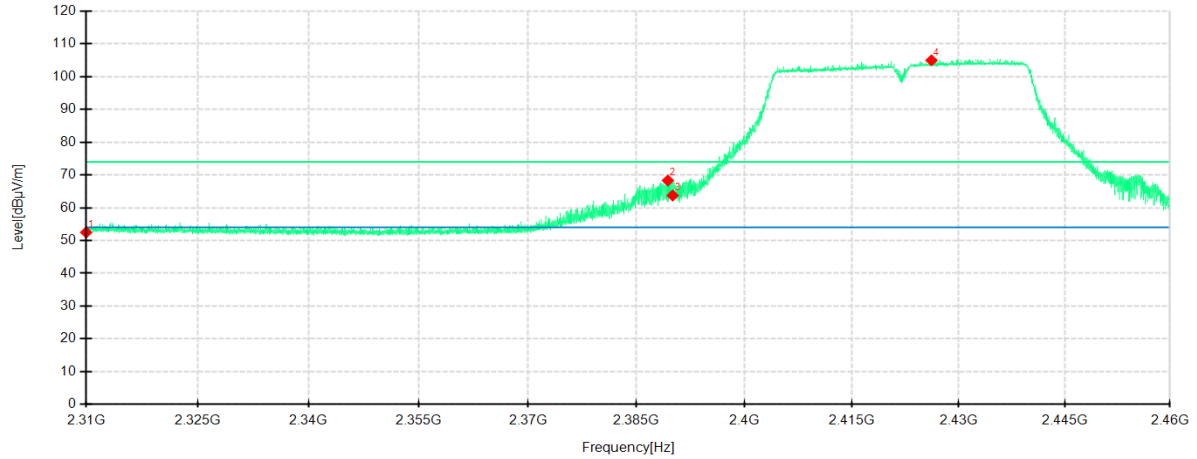
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

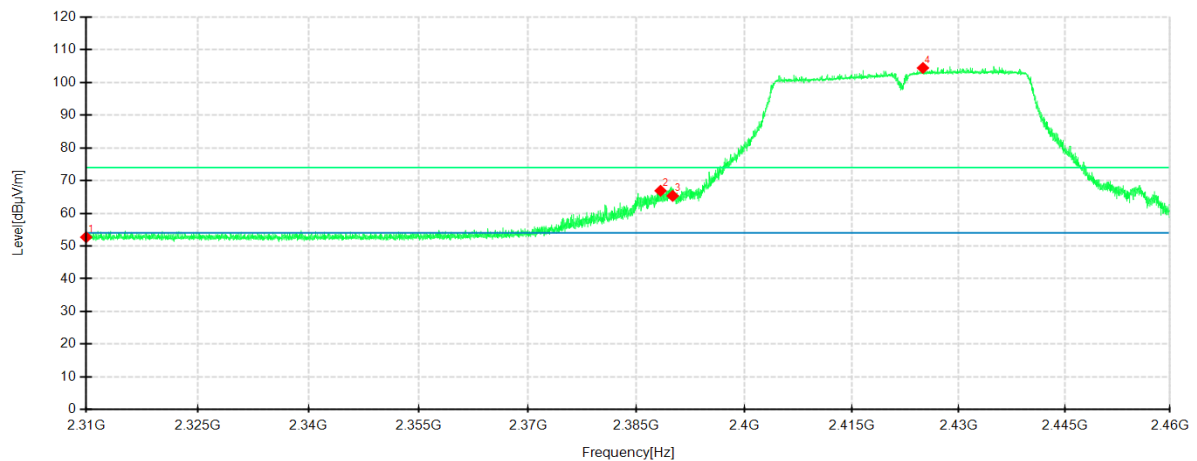
Date: 2023-08-05

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	Comment
1	2310.0000	46.91	52.50	5.59	74.00	21.50	100	176	Horizontal	/
2	2389.3313	63.53	68.32	4.79	74.00	5.68	100	306	Horizontal	/
3	2390.0000	58.95	63.75	4.80	74.00	10.25	100	246	Horizontal	/
4	2426.1750	99.98	104.96	4.98	74.00	-30.96	100	315	Horizontal	No limit
1	2310.0000	47.81	52.70	4.89	74.00	21.30	100	175	Vertical	/
2	2388.3188	61.71	66.90	5.19	74.00	7.10	100	323	Vertical	/
3	2390.0000	60.11	65.33	5.22	74.00	8.67	100	332	Vertical	/
4	2424.9750	98.89	104.42	5.53	74.00	-30.42	100	323	Vertical	No limit

IEEE 802.11n HT40 mode ANT1**Lowest Channel**

Frequency 2422MHz

Environment: 27.5°C/57%RH

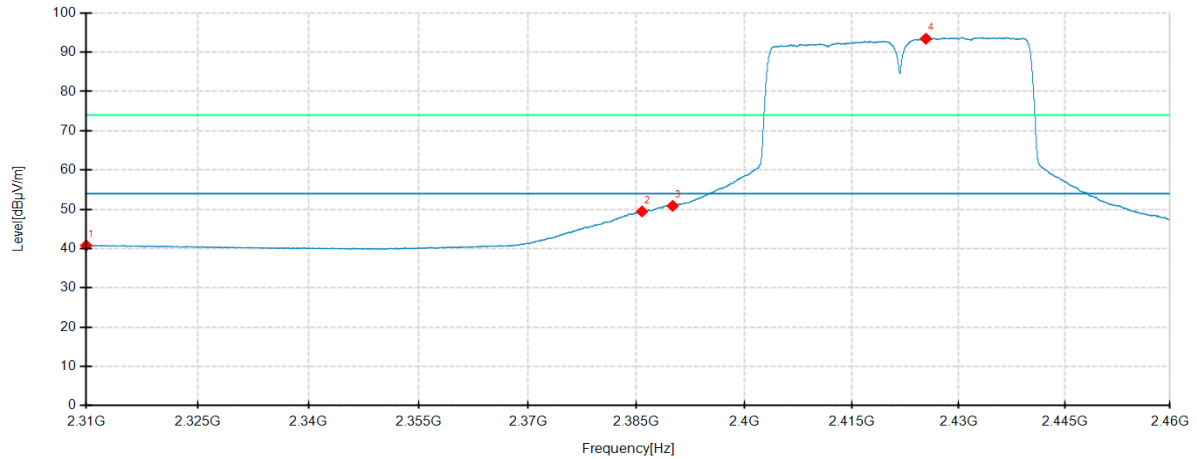
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

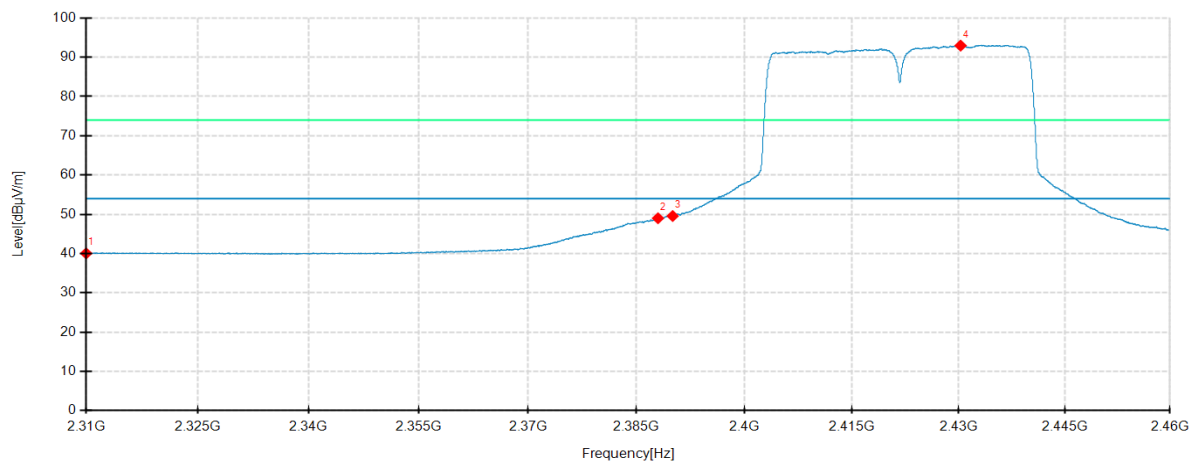
Date: 2023-08-05

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	Comment
1	2310.0000	35.21	40.80	5.59	54.00	13.20	200	203	Horizontal	/
2	2385.7500	44.69	49.45	4.76	54.00	4.55	100	306	Horizontal	/
3	2390.0000	46.08	50.88	4.80	54.00	3.12	100	306	Horizontal	/
4	2425.3875	88.47	93.45	4.98	54.00	-39.45	100	296	Horizontal	No limit
1	2310.0000	35.17	40.06	4.89	54.00	13.94	200	326	Vertical	/
2	2387.9625	43.82	49.00	5.18	54.00	5.00	200	306	Vertical	/
3	2390.0000	44.35	49.57	5.22	54.00	4.43	100	322	Vertical	/
4	2430.2813	87.40	92.96	5.56	54.00	-38.96	200	246	Vertical	No limit

IEEE 802.11n HT40 mode ANT1**Highest Channel**

Frequency 2452MHz

Environment: 27.5°C/57%RH

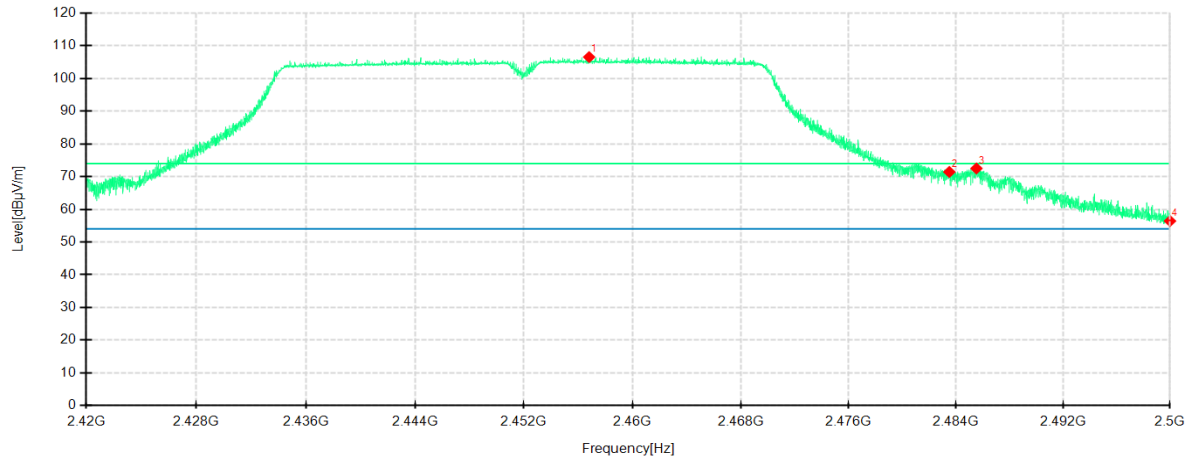
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

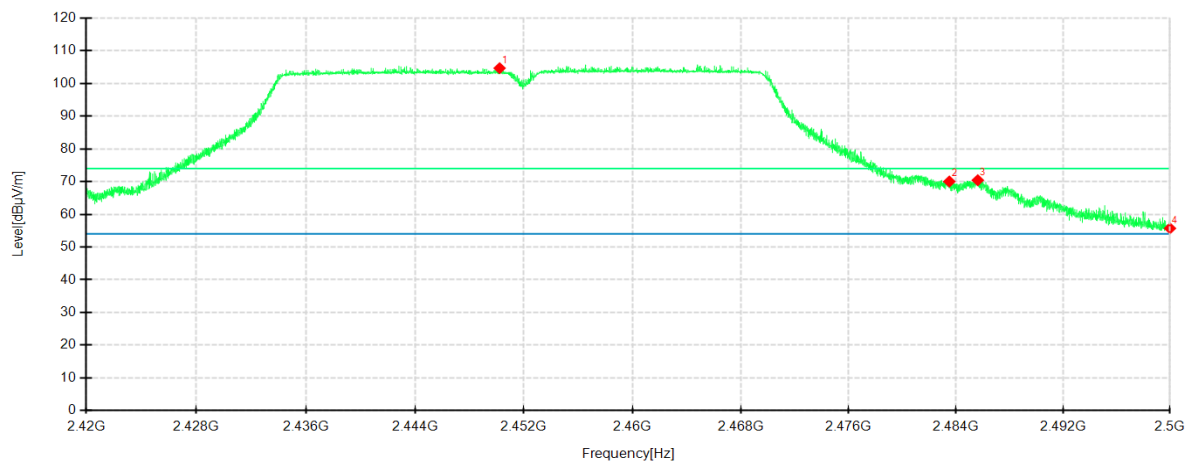
Date: 2023-08-05

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	Comment
1	2456.8000	101.35	106.54	5.19	74.00	-32.54	100	290	Horizontal	No limit
2	2483.5000	65.79	71.42	5.63	74.00	2.58	100	310	Horizontal	/
3	2485.2000	66.83	72.49	5.66	74.00	1.51	100	290	Horizontal	/
4	2500.0000	50.53	56.43	5.90	74.00	17.57	200	273	Horizontal	/
1	2450.2100	98.98	104.66	5.68	74.00	-30.66	100	313	Vertical	No limit
2	2483.5000	64.33	70.03	5.70	74.00	3.97	100	325	Vertical	/
3	2485.6200	64.73	70.42	5.69	74.00	3.58	100	325	Vertical	/
4	2500.0000	50.01	55.71	5.70	74.00	18.29	200	216	Vertical	/

IEEE 802.11n HT40 mode ANT1**Highest Channel**

Frequency 2452MHz

Environment: 27.5°C/57%RH

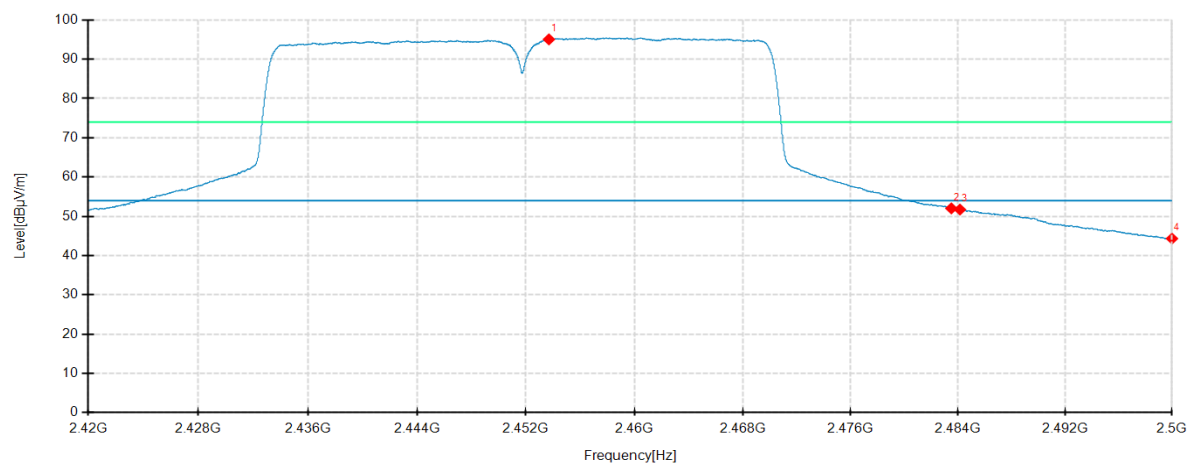
Tested By: Chen Xiaocong

Detector mode: Average

Voltage: AC 120V/60Hz

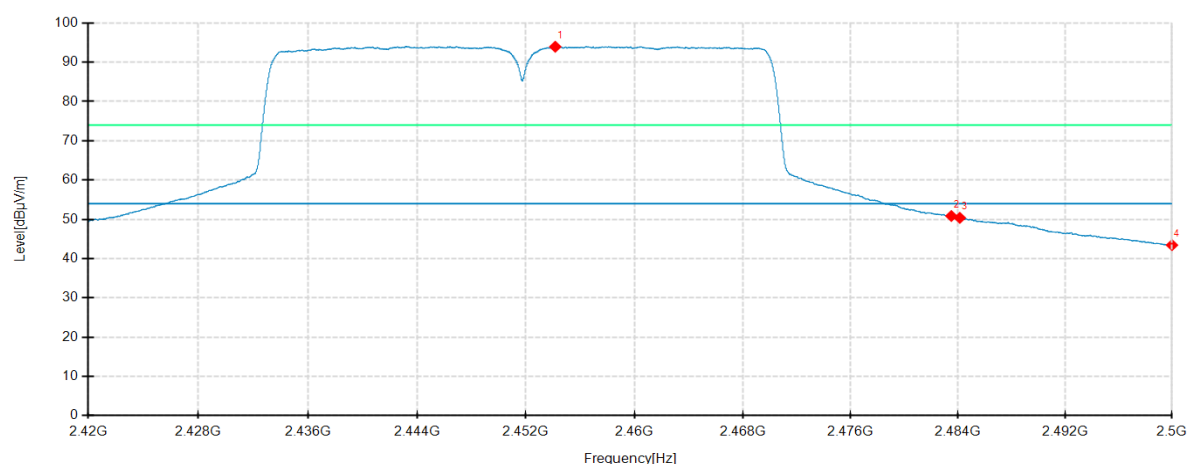
Date: 2023-08-05

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	Comment
1	2453.6900	89.92	95.06	5.14	54.00	-41.06	100	296	Horizontal	No limit
2	2483.5000	46.40	52.03	5.63	54.00	1.97	100	306	Horizontal	/
3	2484.1400	46.09	51.73	5.64	54.00	2.27	100	306	Horizontal	/
4	2500.0000	38.43	44.33	5.90	54.00	9.67	100	306	Horizontal	/
1	2454.1600	88.27	93.95	5.68	54.00	-39.95	100	321	Vertical	No limit
2	2483.5000	45.15	50.85	5.70	54.00	3.15	200	304	Vertical	/
3	2484.1300	44.68	50.38	5.70	54.00	3.62	200	304	Vertical	/
4	2500.0000	37.73	43.43	5.70	54.00	10.57	100	313	Vertical	/

IEEE 802.11ax HE20 mode ANT1**Lowest Channel**

Frequency 2412MHz

Environment: 27.5°C/57%RH

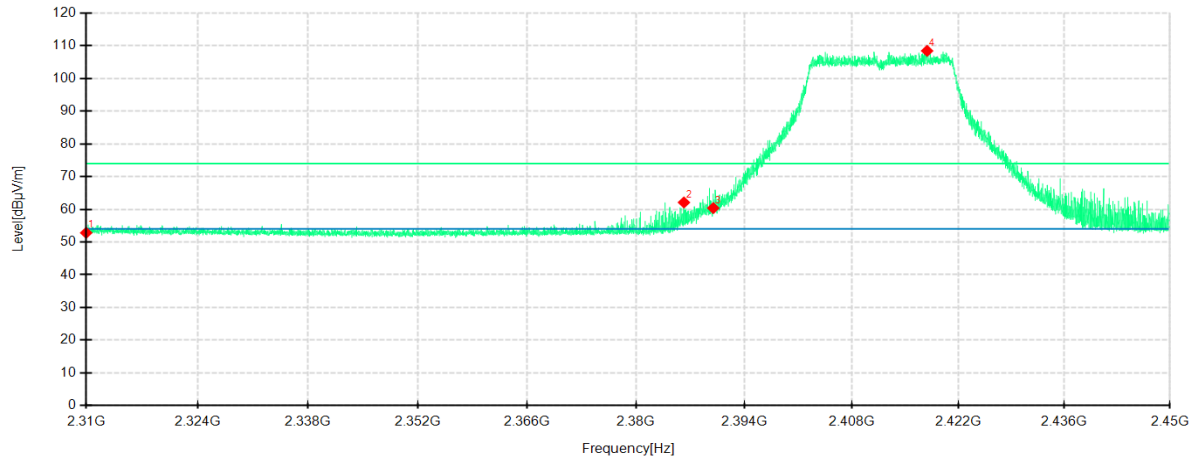
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

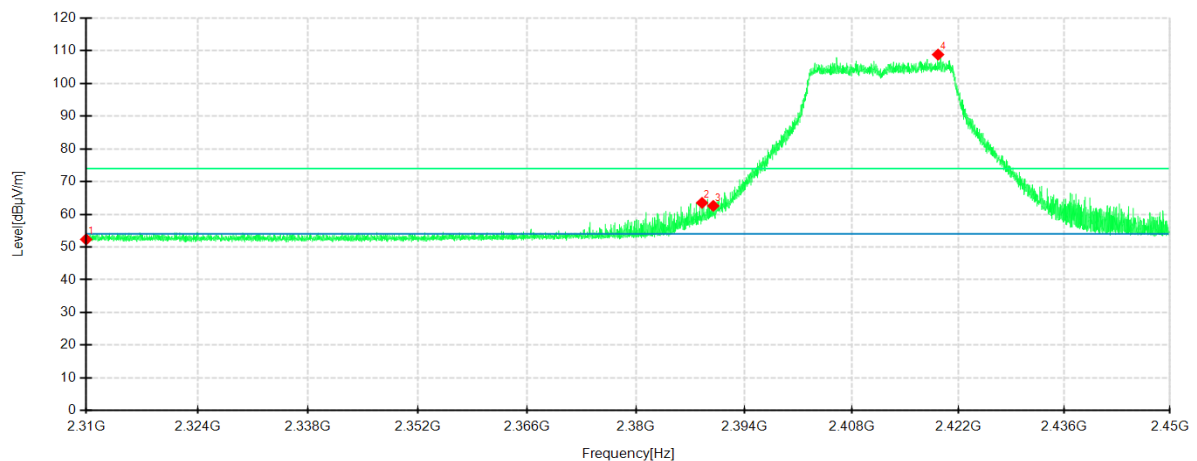
Date: 2023-08-05

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	Comment
1	2310.0000	47.23	52.82	5.59	74.00	21.18	100	166	Horizontal	/
2	2386.1950	57.33	62.10	4.77	74.00	11.90	100	276	Horizontal	/
3	2390.0000	55.59	60.39	4.80	74.00	13.61	100	256	Horizontal	/
4	2417.9050	103.47	108.42	4.95	74.00	-34.42	100	315	Horizontal	No limit
1	2310.0000	47.45	52.34	4.89	74.00	21.66	100	351	Vertical	/
2	2388.5400	58.31	63.50	5.19	74.00	10.50	200	244	Vertical	/
3	2390.0000	57.36	62.58	5.22	74.00	11.42	200	293	Vertical	/
4	2419.3400	103.31	108.81	5.50	74.00	-34.81	100	321	Vertical	No limit

IEEE 802.11ax HE20 mode ANT1**Lowest Channel**

Frequency 2412MHz

Environment: 27.5°C/57%RH

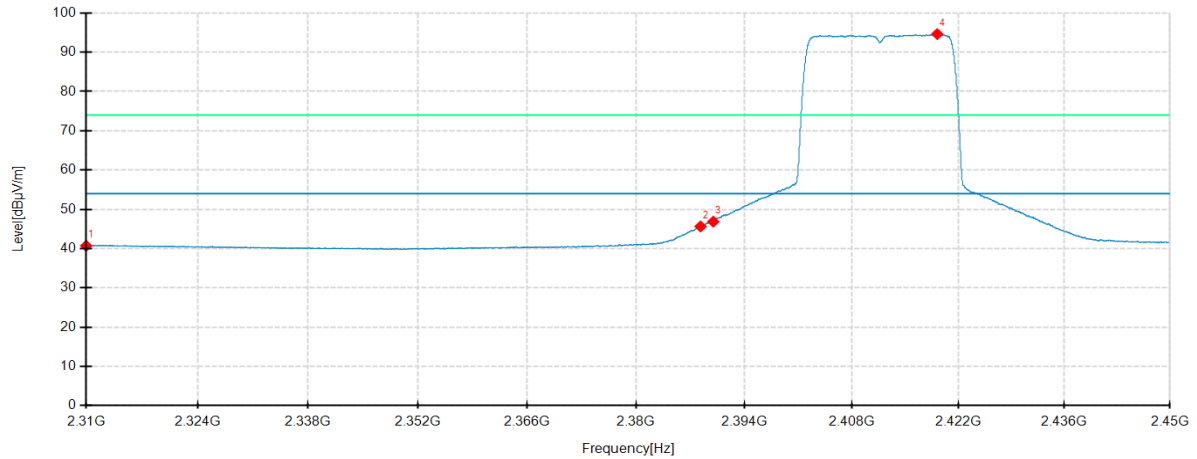
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

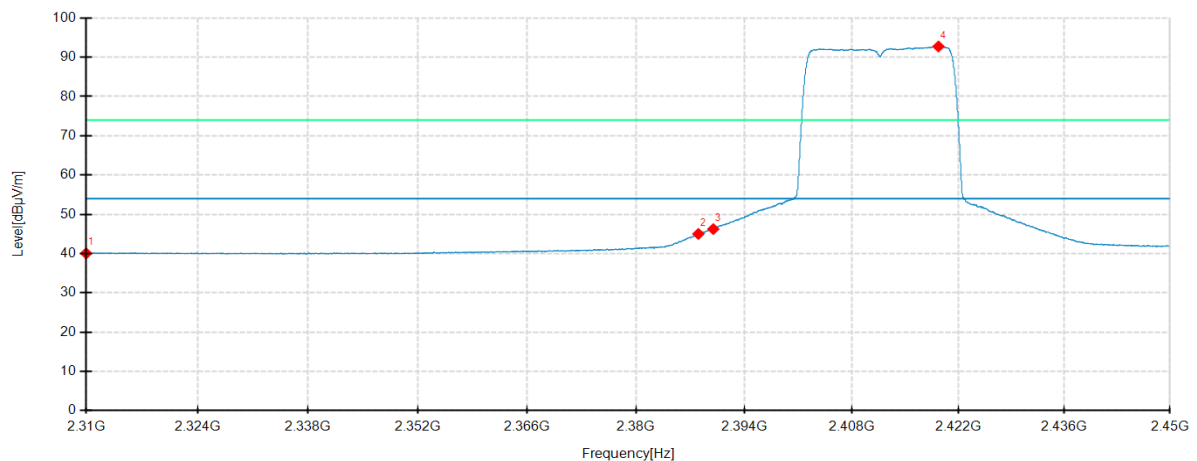
Date: 2023-08-05

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	Comment
1	2310.0000	35.13	40.72	5.59	54.00	13.28	100	344	Horizontal	/
2	2388.3475	40.85	45.64	4.79	54.00	8.36	100	306	Horizontal	/
3	2390.0000	42.07	46.87	4.80	54.00	7.13	100	306	Horizontal	/
4	2419.2350	89.67	94.63	4.96	54.00	-40.63	100	295	Horizontal	No limit
1	2310.0000	35.16	40.05	4.89	54.00	13.95	100	15	Vertical	/
2	2388.0675	39.82	45.00	5.18	54.00	9.00	200	305	Vertical	/
3	2390.0000	41.03	46.25	5.22	54.00	7.75	200	305	Vertical	/
4	2419.3925	87.24	92.74	5.50	54.00	-38.74	200	295	Vertical	No limit

IEEE 802.11ax HE20 mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

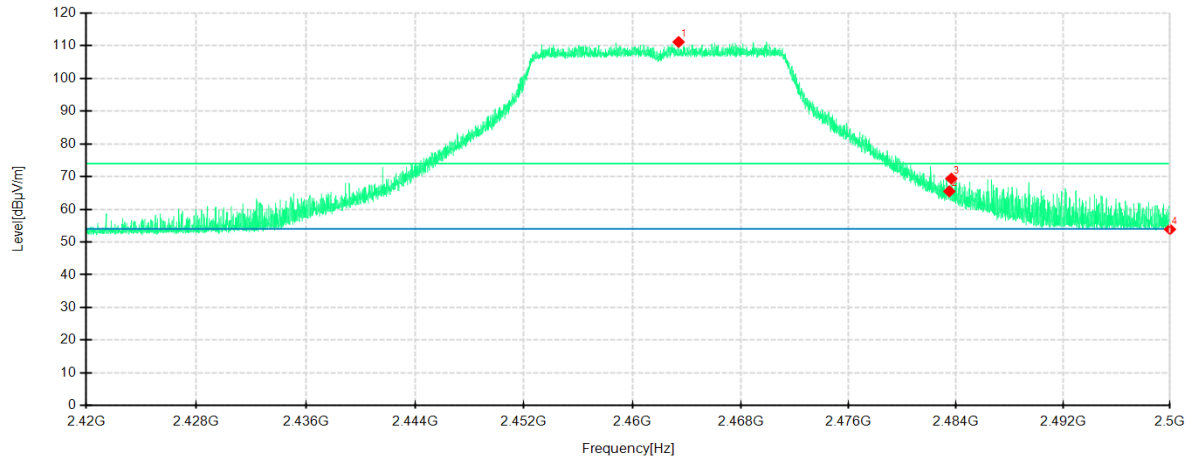
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

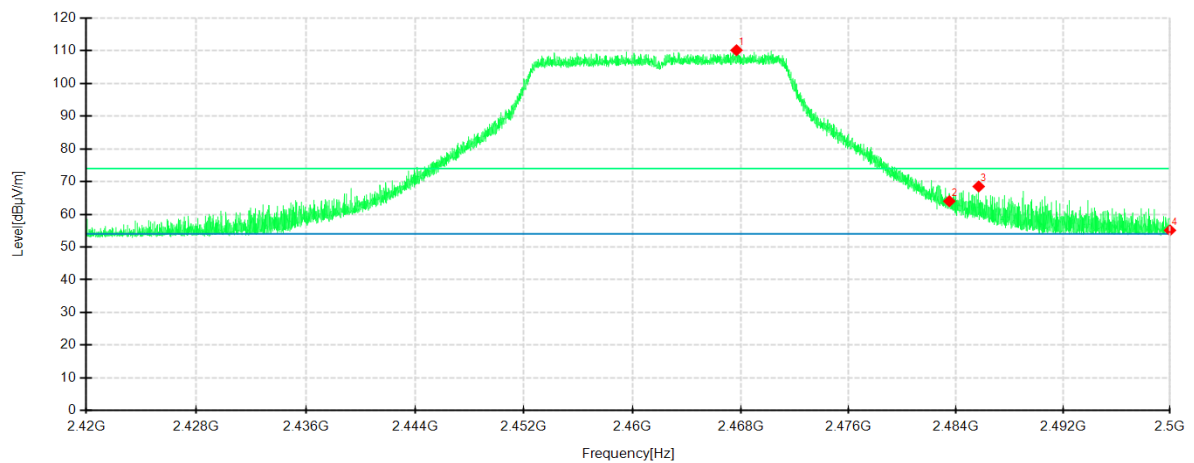
Date: 2023-08-05

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	Comment
1	2463.4100	105.84	111.14	5.30	74.00	-37.14	100	295	Horizontal	No limit
2	2483.5000	59.87	65.50	5.63	74.00	8.50	100	275	Horizontal	/
3	2483.6500	63.75	69.39	5.64	74.00	4.61	100	246	Horizontal	/
4	2500.0000	47.98	53.88	5.90	74.00	20.12	200	105	Horizontal	/
1	2467.6900	104.46	110.15	5.69	74.00	-36.15	100	333	Vertical	No limit
2	2483.5000	58.31	64.01	5.70	74.00	9.99	200	306	Vertical	/
3	2485.6900	62.82	68.51	5.69	74.00	5.49	200	306	Vertical	/
4	2500.0000	49.42	55.12	5.70	74.00	18.88	200	296	Vertical	/

IEEE 802.11ax HE20 mode ANT1**Highest Channel**

Frequency 2462MHz

Environment: 27.5°C/57%RH

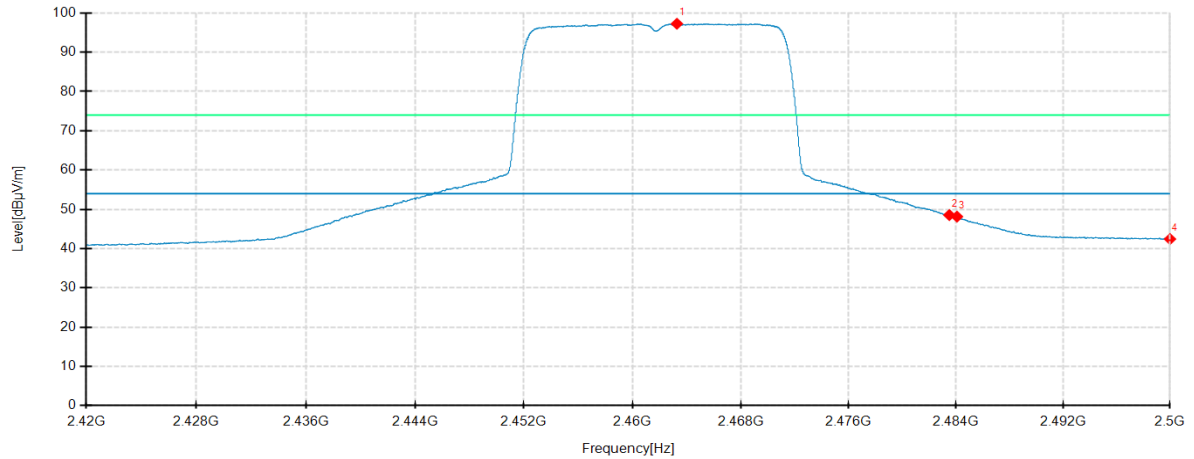
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

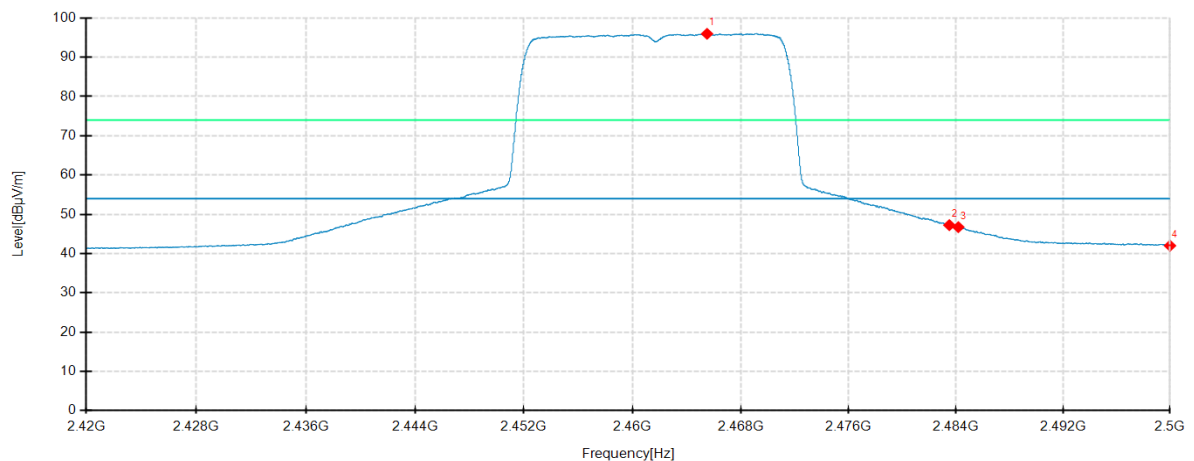
Date: 2023-08-05

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	Comment
1	2463.2800	91.96	97.26	5.30	54.00	-43.26	100	287	Horizontal	No limit
2	2483.5000	42.91	48.54	5.63	54.00	5.46	100	306	Horizontal	/
3	2484.0700	42.50	48.14	5.64	54.00	5.86	100	306	Horizontal	/
4	2500.0000	36.53	42.43	5.90	54.00	11.57	100	306	Horizontal	/
1	2465.5100	90.28	95.97	5.69	54.00	-41.97	200	314	Vertical	No limit
2	2483.5000	41.55	47.25	5.70	54.00	6.75	200	304	Vertical	/
3	2484.1700	41.04	46.74	5.70	54.00	7.26	200	304	Vertical	/
4	2500.0000	36.31	42.01	5.70	54.00	11.99	100	313	Vertical	/

IEEE 802.11ax HE40 mode ANT1**Lowest Channel**

Frequency 2422MHz

Environment: 27.5°C/57%RH

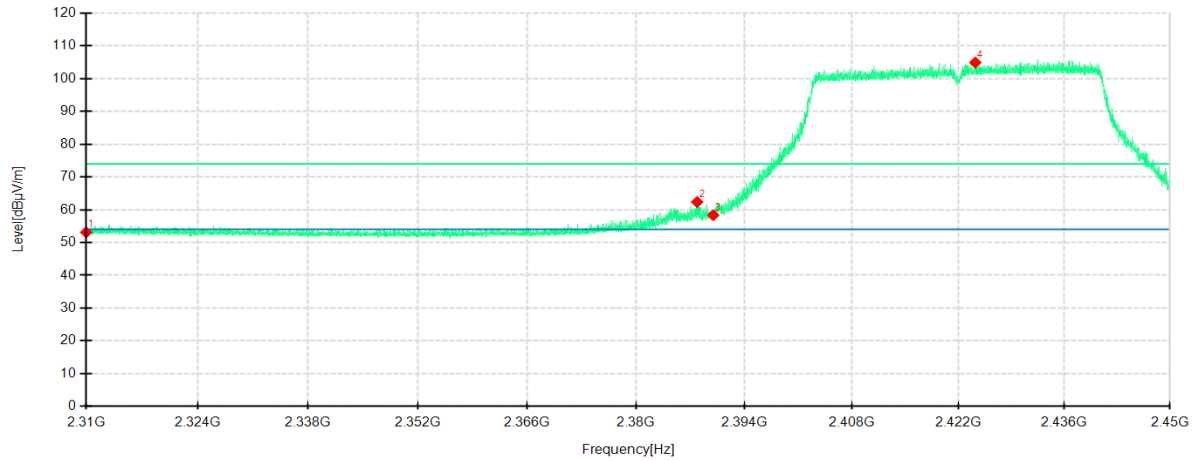
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

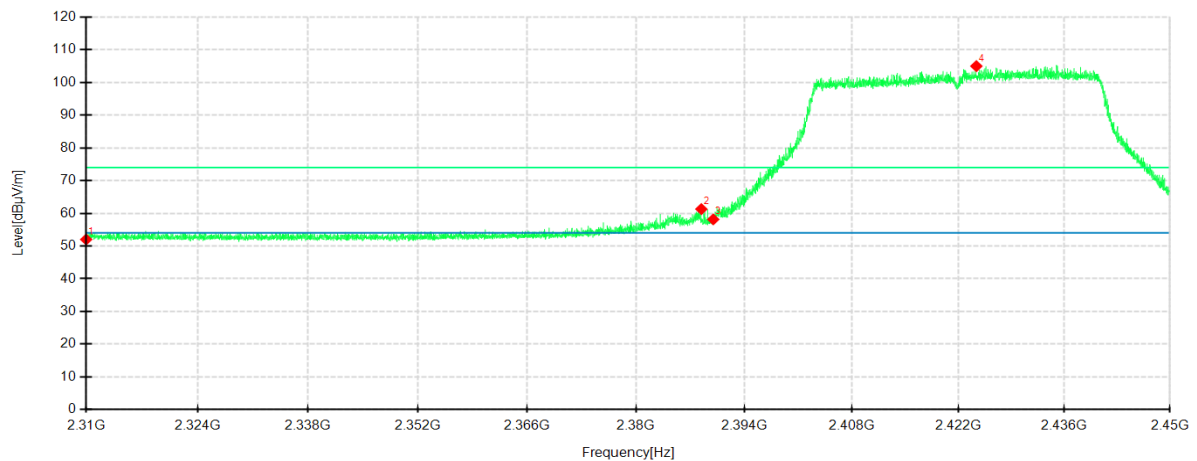
Date: 2023-08-05

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	Comment
1	2310.0000	47.53	53.12	5.59	74.00	20.88	200	164	Horizontal	/
2	2387.9100	57.58	62.36	4.78	74.00	11.64	100	303	Horizontal	/
3	2390.0000	53.54	58.34	4.80	74.00	15.66	100	294	Horizontal	/
4	2424.2400	99.92	104.90	4.98	74.00	-30.90	100	303	Horizontal	No limit
1	2310.0000	47.12	52.01	4.89	74.00	21.99	100	333	Vertical	/
2	2388.4525	56.11	61.30	5.19	74.00	12.70	200	316	Vertical	/
3	2390.0000	52.93	58.15	5.22	74.00	15.85	200	247	Vertical	/
4	2424.3800	99.45	104.98	5.53	74.00	-30.98	200	316	Vertical	No limit

IEEE 802.11ax HE40 mode ANT1**Lowest Channel**

Frequency 2422MHz

Environment: 27.5°C/57%RH

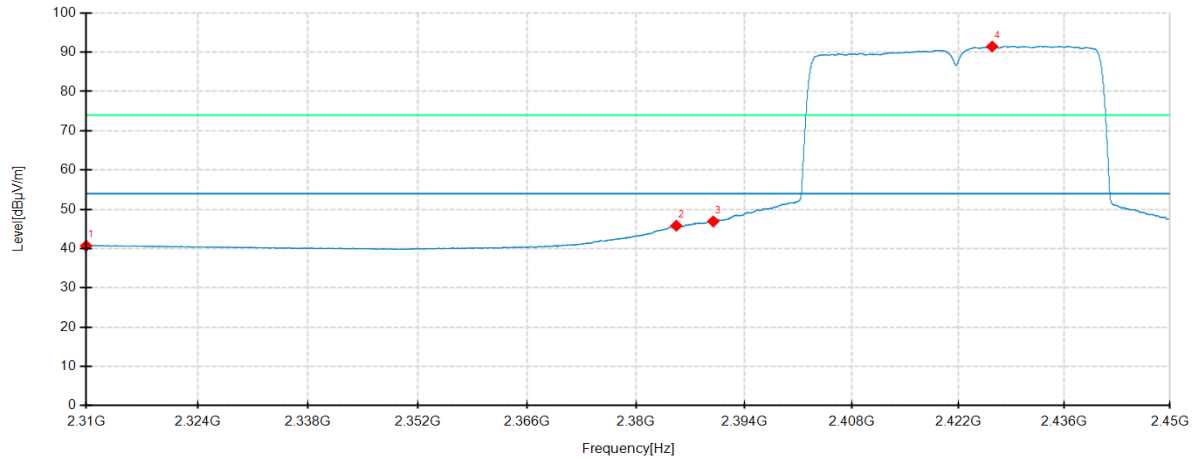
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

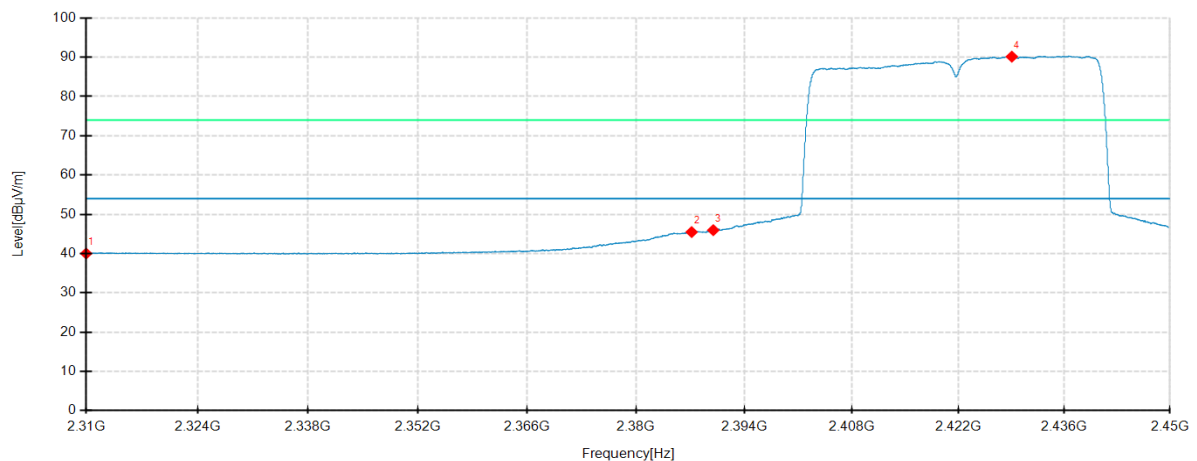
Date: 2023-08-05

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	Comment
1	2310.0000	35.12	40.71	5.59	54.00	13.29	100	246	Horizontal	/
2	2385.2150	41.06	45.82	4.76	54.00	8.18	100	305	Horizontal	/
3	2390.0000	42.12	46.92	4.80	54.00	7.08	100	305	Horizontal	/
4	2426.4625	86.47	91.46	4.99	54.00	-37.46	100	295	Horizontal	No limit
1	2310.0000	35.12	40.01	4.89	54.00	13.99	200	126	Vertical	/
2	2387.1925	40.32	45.49	5.17	54.00	8.51	200	303	Vertical	/
3	2390.0000	40.75	45.97	5.22	54.00	8.03	200	303	Vertical	/
4	2429.0525	84.59	90.15	5.56	54.00	-36.15	200	295	Vertical	No limit

IEEE 802.11ax HE40 mode ANT1**Highest Channel**

Frequency 2452MHz

Environment: 27.5°C/57%RH

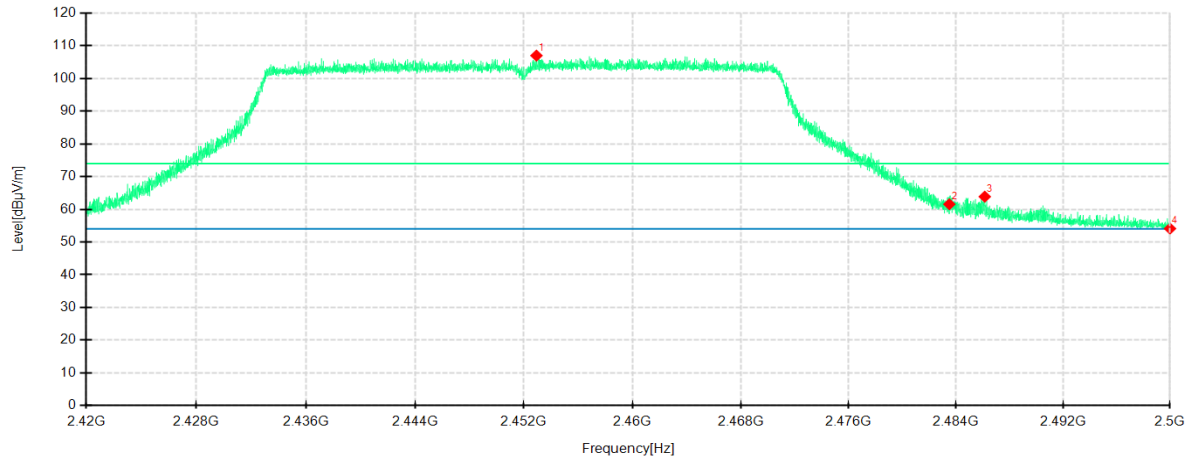
Tested By: Chen Xiacong

Detector mode: Peak

Voltage: AC 120V/60Hz

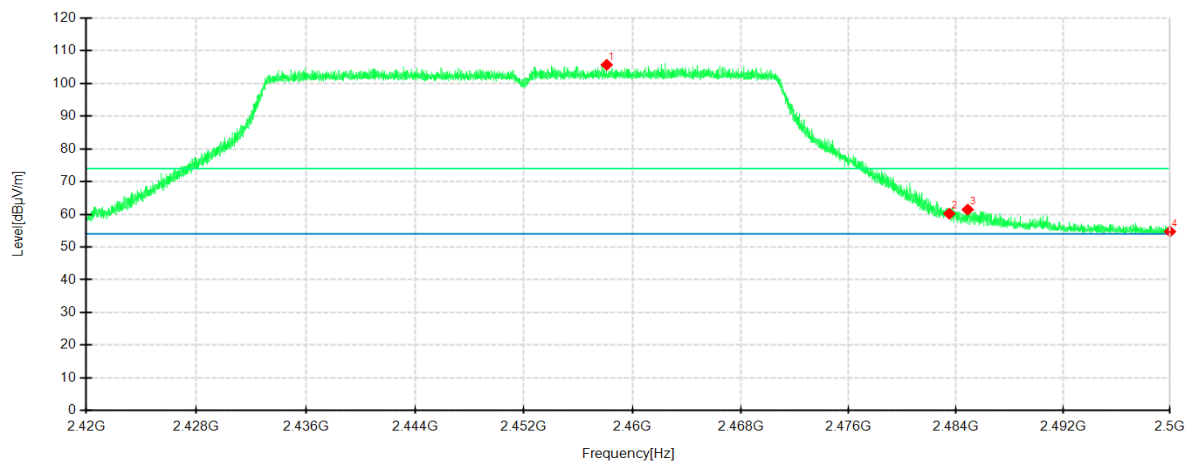
Date: 2023-08-05

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	Comment
1	2452.9200	101.84	106.97	5.13	74.00	-32.97	100	305	Horizontal	No limit
2	2483.5000	55.93	61.56	5.63	74.00	12.44	100	294	Horizontal	/
3	2486.1400	58.20	63.87	5.67	74.00	10.13	100	315	Horizontal	/
4	2500.0000	48.22	54.12	5.90	74.00	19.88	200	272	Horizontal	/
1	2458.1000	100.00	105.69	5.69	74.00	-31.69	200	315	Vertical	No limit
2	2483.5000	54.49	60.19	5.70	74.00	13.81	100	302	Vertical	/
3	2484.8700	55.75	61.44	5.69	74.00	12.56	100	323	Vertical	/
4	2500.0000	49.04	54.74	5.70	74.00	19.26	100	352	Vertical	/

IEEE 802.11ax HE40 mode ANT1**Highest Channel**

Frequency 2452MHz

Environment: 27.5°C/57%RH

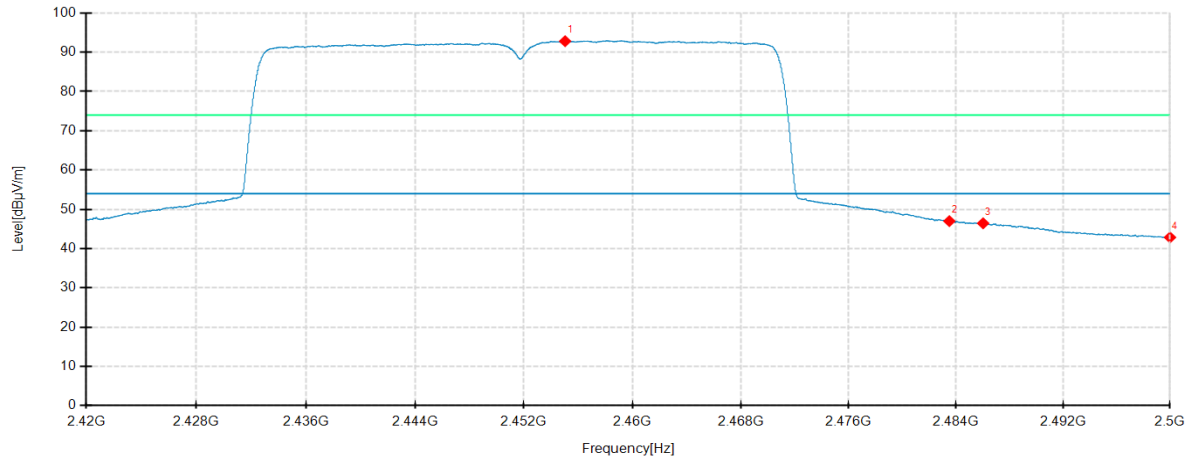
Tested By: Chen Xiacong

Detector mode: Average

Voltage: AC 120V/60Hz

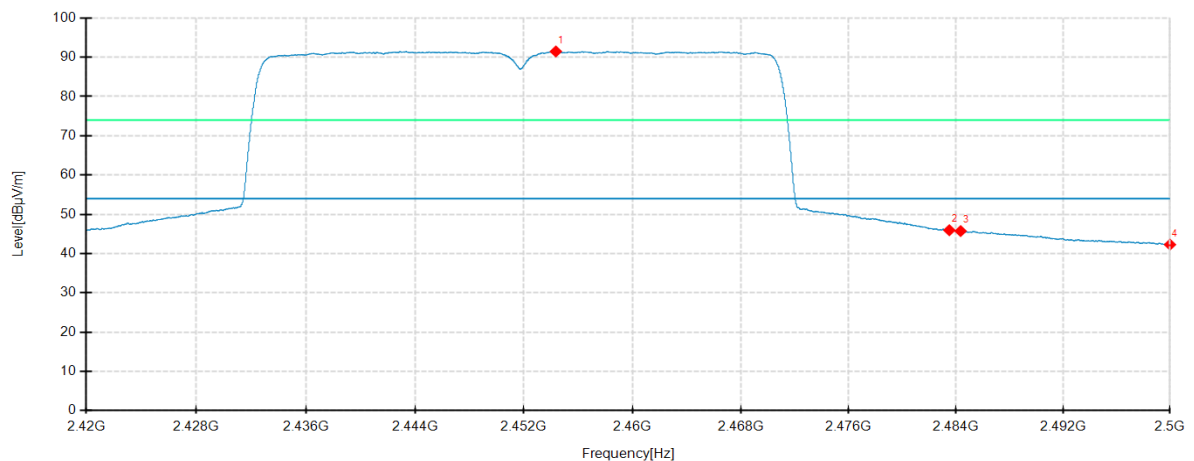
Date: 2023-08-05

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	Comment
1	2455.0300	87.66	92.82	5.16	54.00	-38.82	100	296	Horizontal	No limit
2	2483.5000	41.37	47.00	5.63	54.00	7.00	100	306	Horizontal	/
3	2486.0200	40.77	46.44	5.67	54.00	7.56	100	306	Horizontal	/
4	2500.0000	36.95	42.85	5.90	54.00	11.15	100	306	Horizontal	/
1	2454.3500	85.80	91.48	5.68	54.00	-37.48	100	324	Vertical	No limit
2	2483.5000	40.25	45.95	5.70	54.00	8.05	200	304	Vertical	/
3	2484.3400	40.04	45.74	5.70	54.00	8.26	200	304	Vertical	/
4	2500.0000	36.59	42.29	5.70	54.00	11.71	100	314	Vertical	/

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E20230711057201-7-Test photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E20230711057201-8-EUT photo.

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