

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)).

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 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			

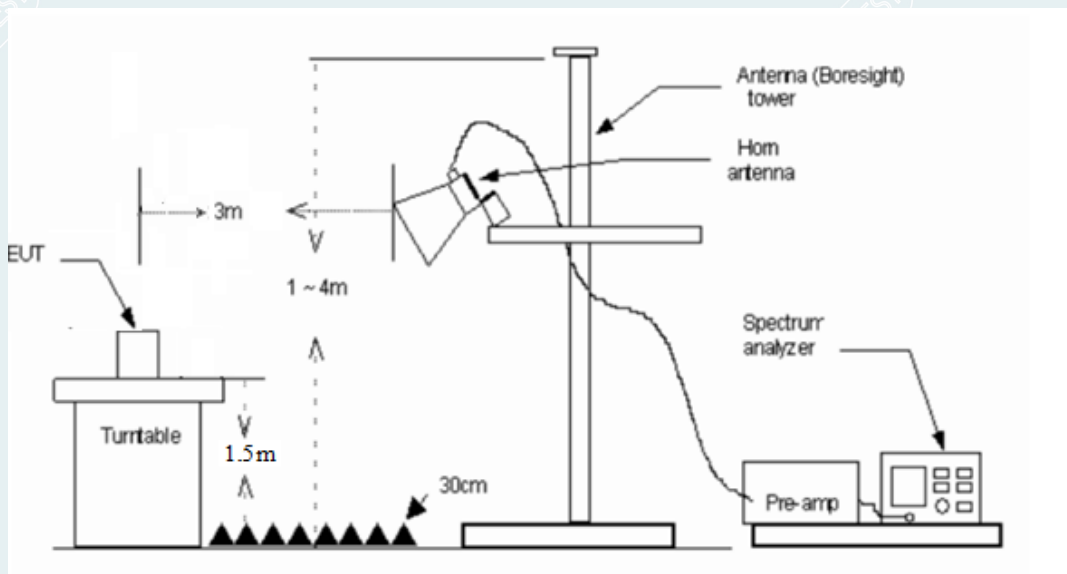
Frequency (MHz)	Quasi-peak(μV/m)	Measurement distance(m)	Quasi-peak(dBμV/m)@distance 3m
0.009-0.490	2400/F(kHz)	300	93.8~128.5
0.490-1.705	24000/F(kHz)	30	62.96~73.8
1.705-30.0	30	30	69.5
30 ~ 88	100	3	40
88~216	150	3	43.5
216 ~ 960	200	3	46
Above 960	500	3	54

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
 - c) 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.
 - d) If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$, Where T is defined in section 2.9.
- 1) Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

11.3.TEST SETUP



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

11.4.TEST RESULTS

802.11b mode Ant 1 worse Lowest Channel

Frequency 2412MHz

Environment: 18.9°C/47%RH /101.1kPa

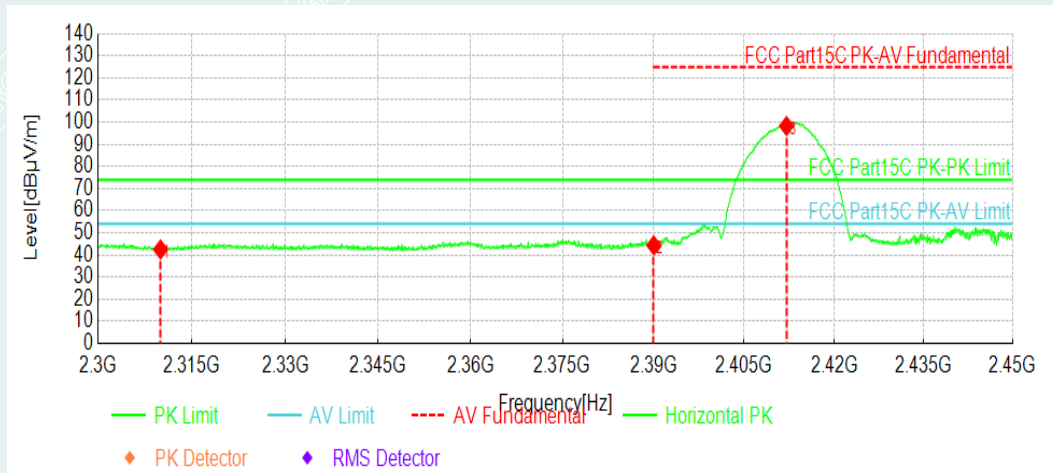
Tested By: Zhang Zishan

Detector mode: Peak

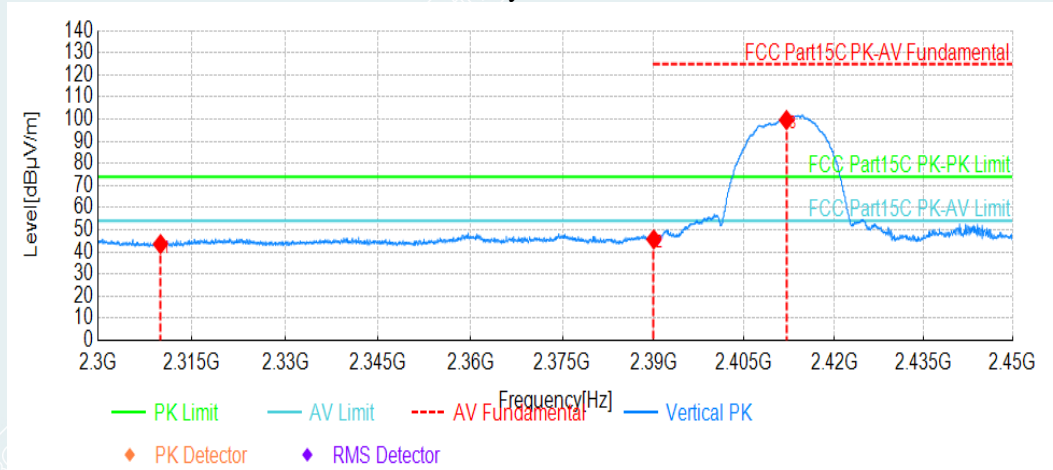
Voltage: AC120V/60Hz

Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	39.21	3.24	42.45	74.00	31.55	Horizontal
2	2390.03	40.52	3.78	44.30	74.00	29.70	Horizontal
3	2412.0373	94.42	3.88	98.30	-	-	Horizontal
1	2310.0033	40.26	3.24	43.50	74.00	30.50	Vertical
2	2390.03	41.88	3.78	45.66	74.00	28.34	Vertical
3	2412.0373	95.76	3.88	99.64	-	-	Vertical

802.11b mode Ant 1worse

Lowest Channel

Frequency 2412MHz

Environment: 18.9°C/47%RH /101.1kPa

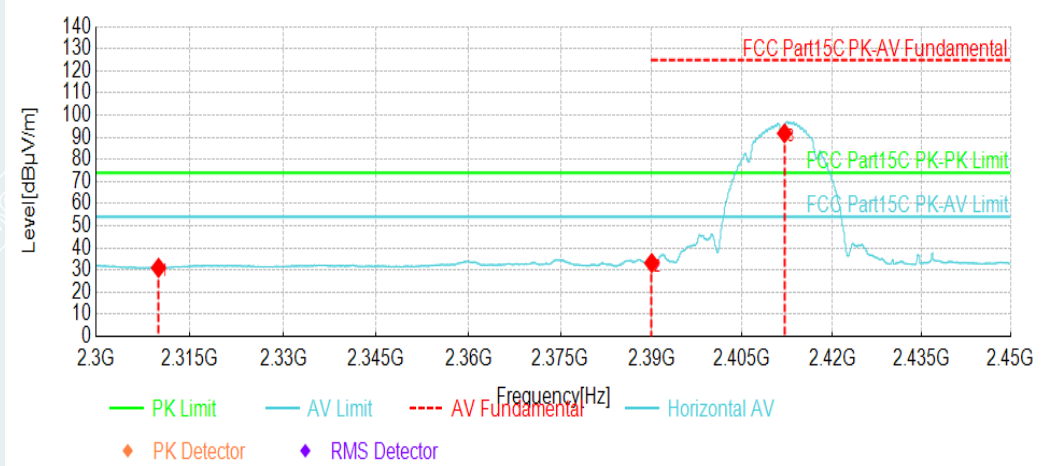
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

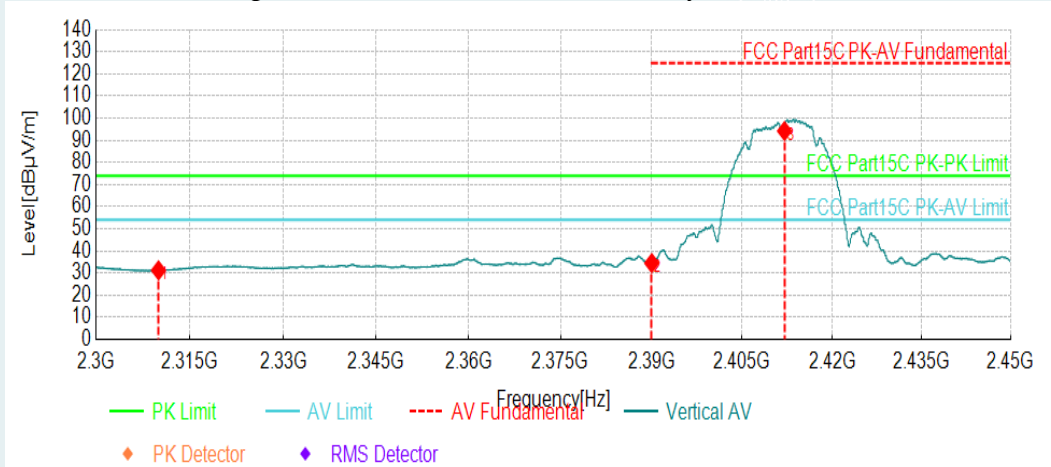
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	27.75	3.24	30.99	54.00	23.01	Horizontal
2	2390.03	29.35	3.78	33.13	54.00	20.87	Horizontal
3	2412.0373	87.91	3.88	91.79	-	-	Horizontal
1	2310.0033	27.93	3.24	31.17	54.00	22.83	Vertical
2	2390.03	30.68	3.78	34.46	54.00	19.54	Vertical
3	2412.0373	90.32	3.88	94.20	-	-	Vertical

**802.11b mode Ant 1worse
Highest Channel**

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

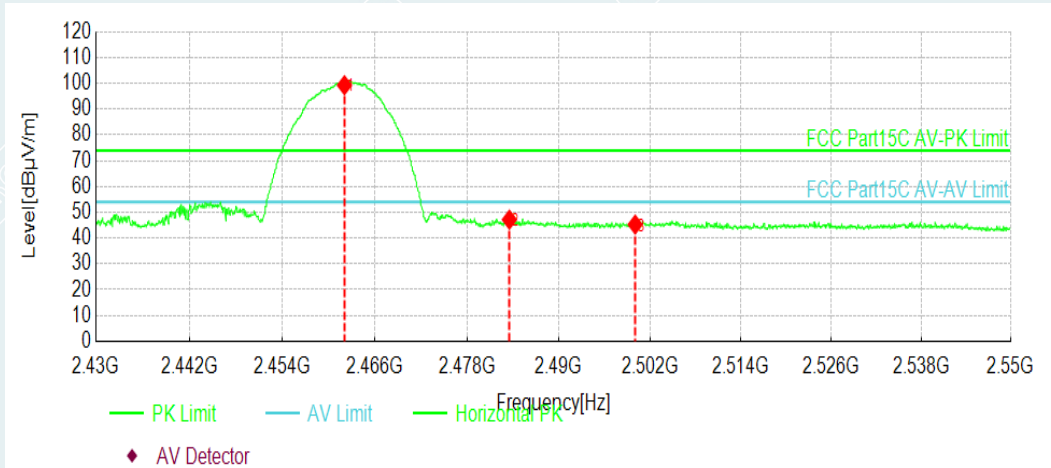
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

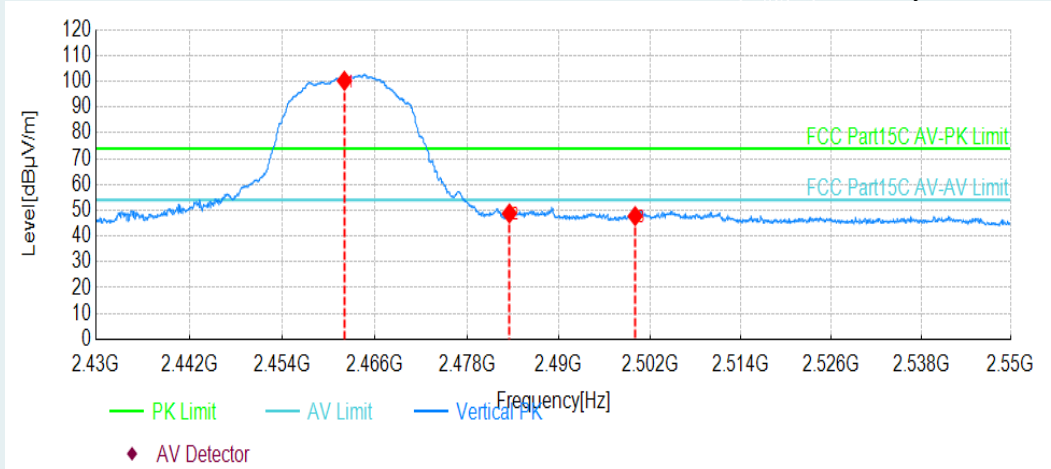
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2462.056	95.26	4.03	99.29	-	-	Horizontal
2	2483.5468	43.07	4.09	47.16	74.00	26.84	Horizontal
3	2500.055	41.12	4.14	45.26	74.00	28.74	Horizontal
1	2462.056	96.20	4.03	100.23	-	-	Vertical
2	2483.5468	44.71	4.09	48.80	74.00	25.20	Vertical
3	2500.055	43.61	4.14	47.75	74.00	26.25	Vertical

**802.11b mode Ant 1worse
Highest Channel**

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

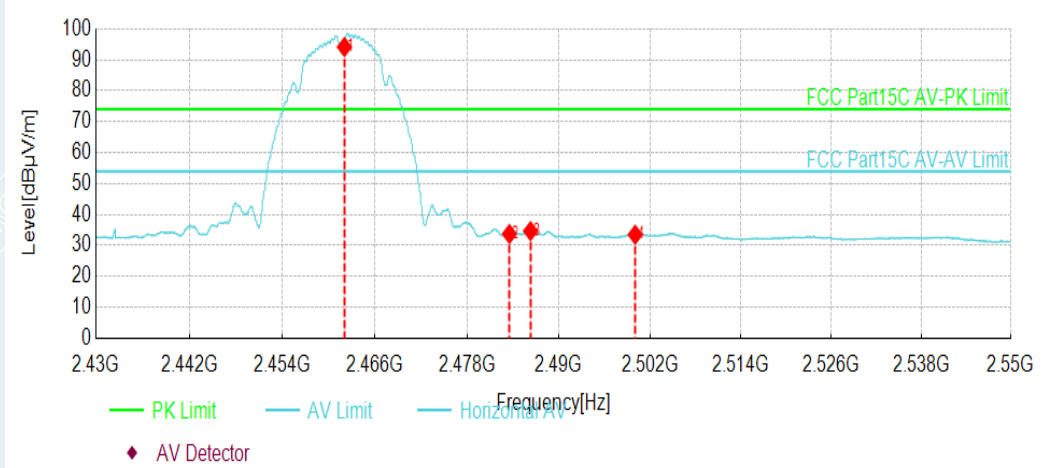
Tested By: Zhang Zishan

Detector mode: Average

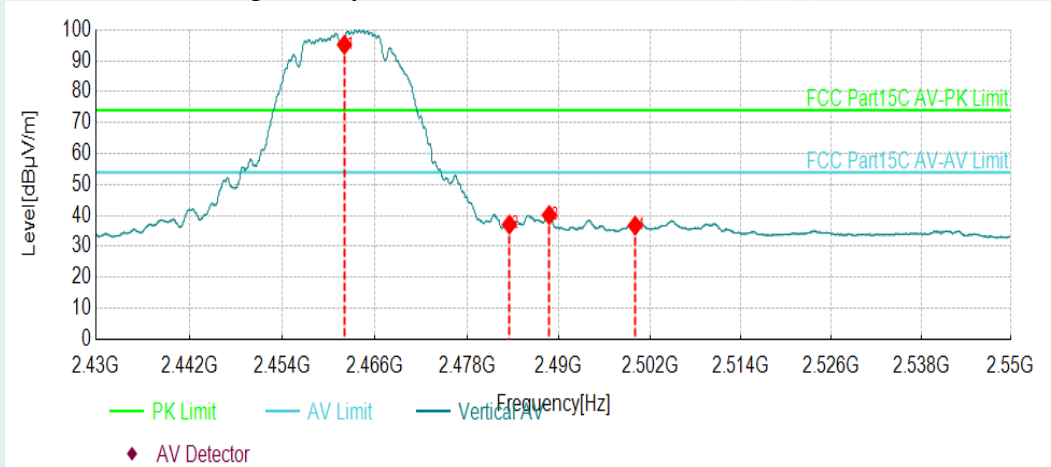
Voltage: AC120V/60Hz

Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2462.056	90.09	4.03	94.12	-	-	Horizontal
2	2483.5468	29.62	4.09	33.71	54.00	20.29	Horizontal
3	2486.3082	30.52	4.10	34.62	54.00	19.38	Horizontal
4	2500.055	29.36	4.14	33.50	54.00	20.50	Horizontal
1	2462.056	91.12	4.03	95.15	-	-	Vertical
2	2483.5468	32.98	4.09	37.07	54.00	16.93	Vertical
3	2488.7694	36.03	4.10	40.13	54.00	13.87	Vertical
4	2500.055	32.59	4.14	36.73	54.00	17.27	Vertical

**802.11g mode Ant 1worse
Lowest Channel**

Frequency 2412MHz

Environment: 18.9°C/47%RH/101.1kPa

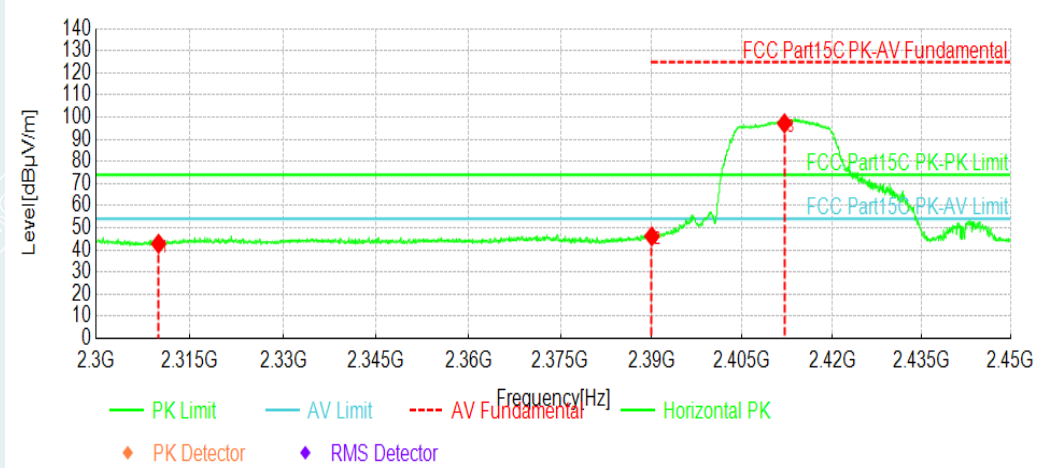
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

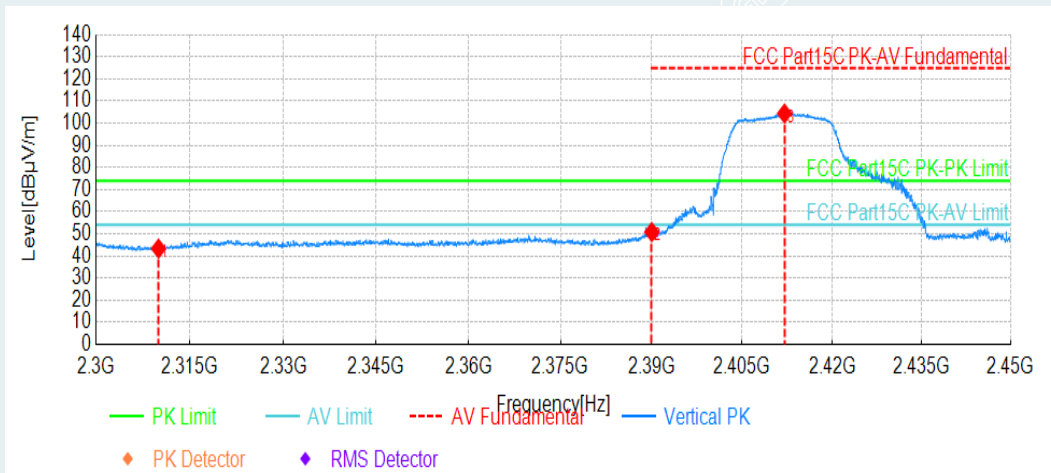
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	39.49	3.24	42.73	74.00	31.27	Horizontal
2	2390.03	42.35	3.78	46.13	74.00	27.87	Horizontal
3	2412.0373	93.34	3.88	97.22	-	-	Horizontal
1	2310.0033	40.04	3.24	43.28	74.00	30.72	Vertical
2	2390.03	47.02	3.78	50.80	74.00	23.20	Vertical
3	2412.0373	100.54	3.88	104.42	-	-	Vertical

**802.11g mode Ant 1worse
Lowest Channel**

Frequency 2412MHz

Environment: 18.9°C/47%RH/101.1kPa

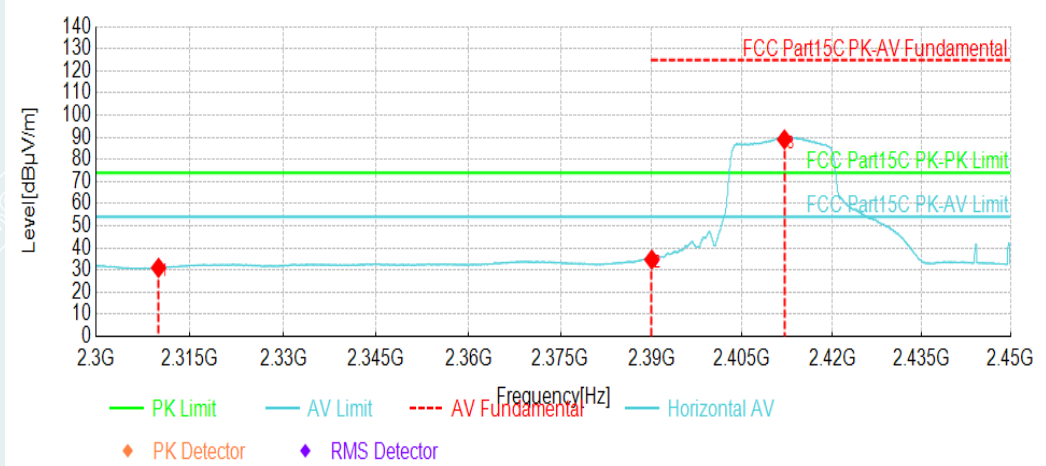
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

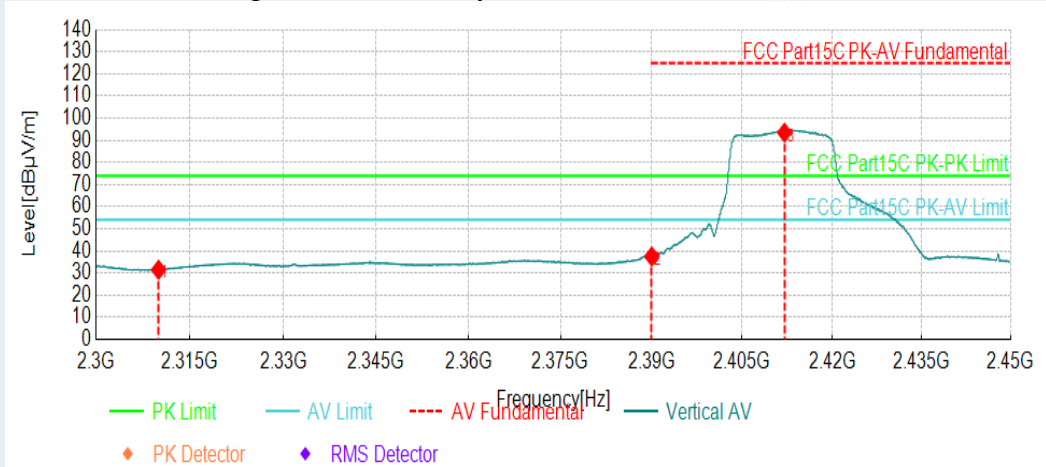
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	27.74	3.24	30.98	54.00	23.02	Horizontal
2	2390.03	30.94	3.78	34.72	54.00	19.28	Horizontal
3	2412.0373	85.15	3.88	89.03	-	-	Horizontal
1	2310.0033	28.21	3.24	31.45	54.00	22.55	Vertical
2	2390.03	33.67	3.78	37.45	54.00	16.55	Vertical
3	2412.0373	89.63	3.88	93.51	-	-	Vertical

**802.11g mode Ant 1worse
Highest Channel**

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

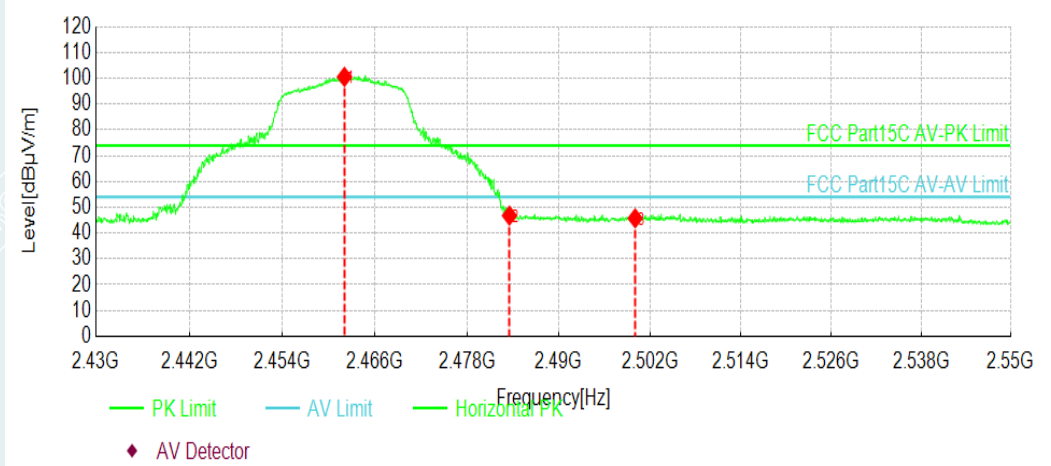
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

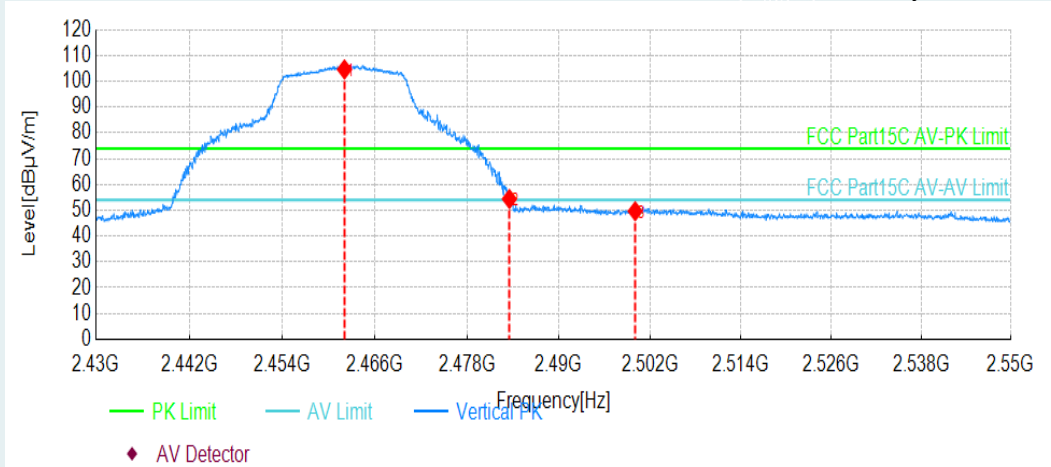
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2462.056	96.55	4.03	100.58	-	-	Horizontal
2	2483.5468	42.72	4.09	46.81	74.00	27.19	Horizontal
3	2500.055	41.62	4.14	45.76	74.00	28.24	Horizontal
1	2462.056	100.61	4.03	104.64	-	-	Vertical
2	2483.5468	50.31	4.09	54.40	74.00	19.60	Vertical
3	2500.055	45.52	4.14	49.66	74.00	24.34	Vertical

**802.11g mode Ant 1worse
Highest Channel**

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

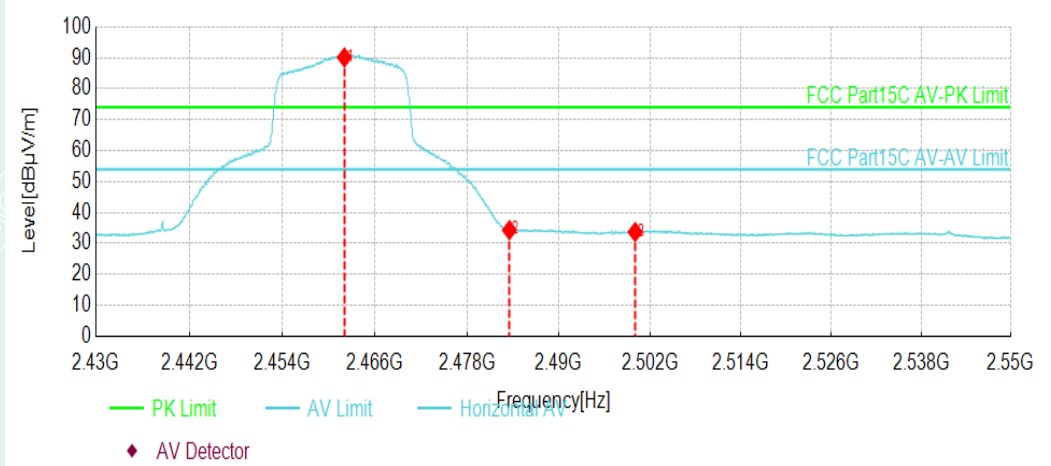
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

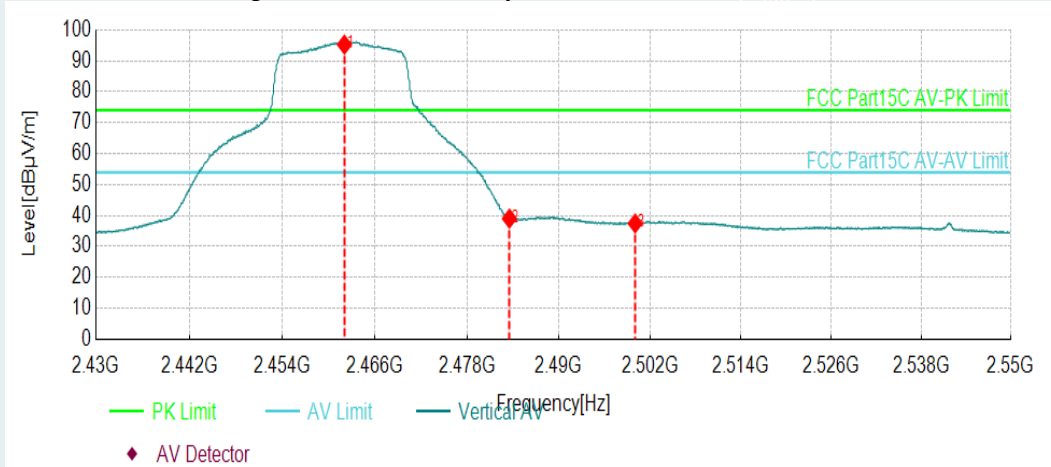
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2462.056	86.07	4.03	90.10	-	-	Horizontal
2	2483.5468	30.21	4.09	34.30	54.00	19.70	Horizontal
3	2500.055	29.55	4.14	33.69	54.00	20.31	Horizontal
1	2462.056	91.18	4.03	95.21	-	-	Vertical
2	2483.5468	34.91	4.09	39.00	54.00	15.00	Vertical
3	2500.055	33.30	4.14	37.44	54.00	16.56	Vertical

802.11n HT20 mode MIMO

Lowest Channel

Frequency 2412MHz

Environment: 18.9°C/47%RH/101.1kPa

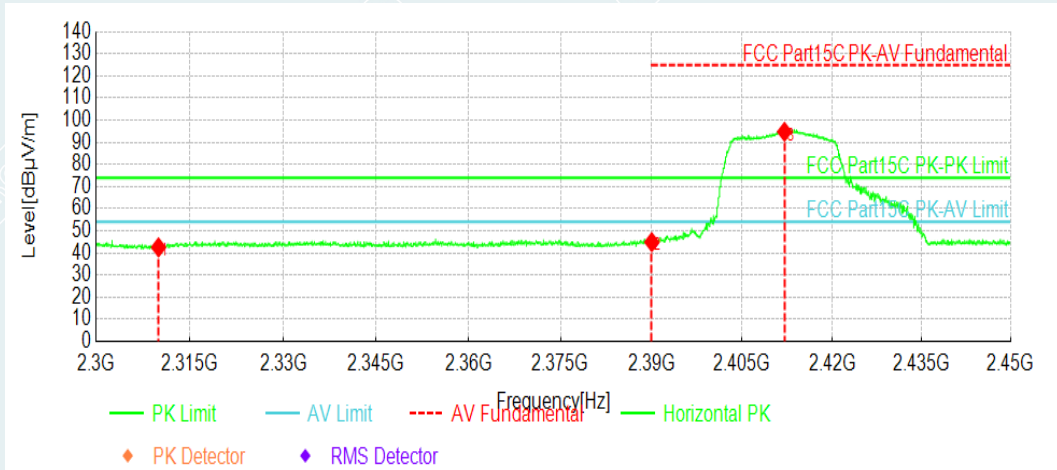
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

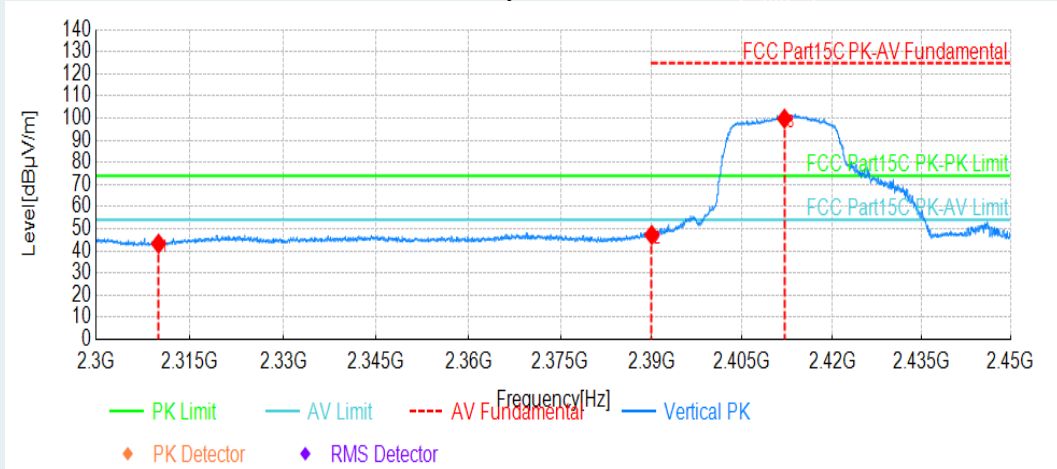
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	39.24	3.24	42.48	74.00	31.52	Horizontal
2	2390.03	41.08	3.78	44.86	74.00	29.14	Horizontal
3	2412.0373	90.91	3.88	94.79	-	-	Horizontal
1	2310.0033	39.98	3.24	43.22	74.00	30.78	Vertical
2	2390.03	43.40	3.78	47.18	74.00	26.82	Vertical
3	2412.0373	95.92	3.88	99.80	-	-	Vertical

802.11n HT20 mode MIMO

Lowest Channel

Frequency 2412MHz

Environment: 18.9°C/47%RH/101.1kPa

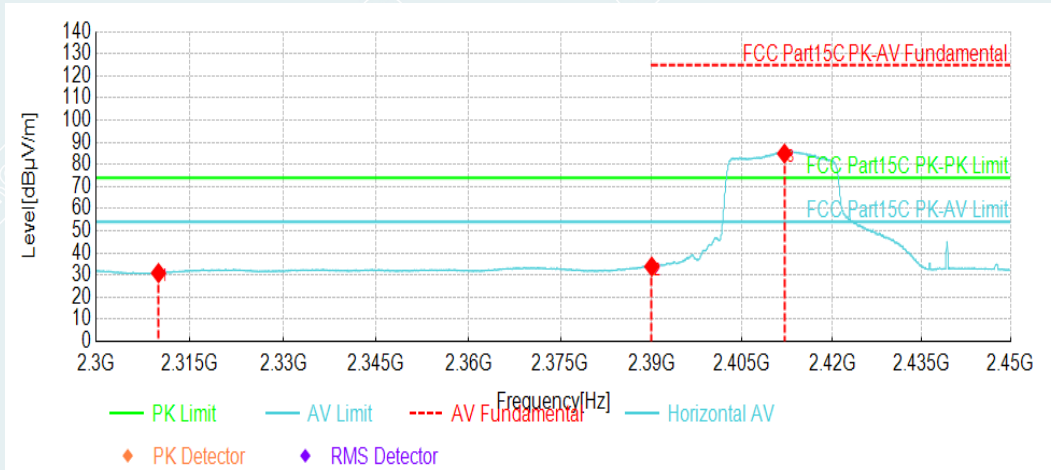
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

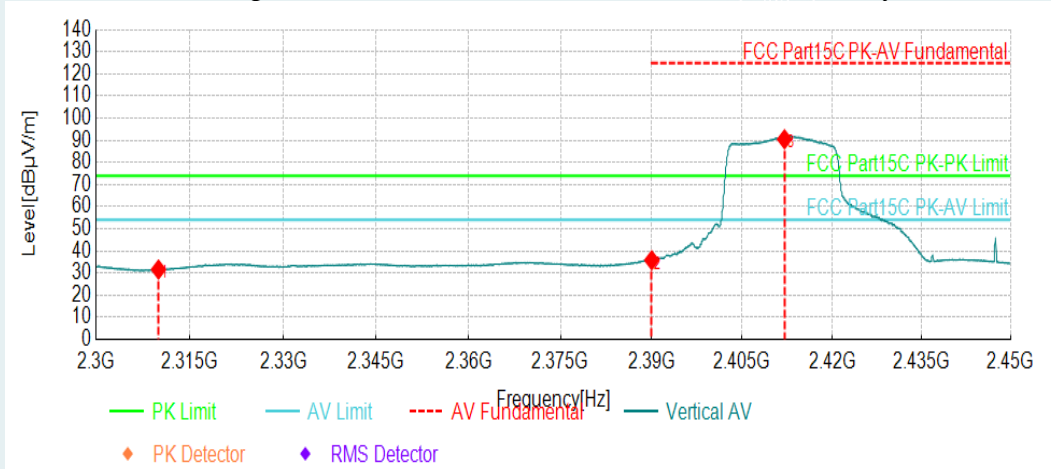
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	27.61	3.24	30.85	54.00	23.15	Horizontal
2	2390.03	30.00	3.78	33.78	54.00	20.22	Horizontal
3	2412.0373	81.01	3.88	84.89	-	-	Horizontal
1	2310.0033	28.32	3.24	31.56	54.00	22.44	Vertical
2	2390.03	31.99	3.78	35.77	54.00	18.23	Vertical
3	2412.0373	86.60	3.88	90.48	-	-	Vertical

802.11n HT20 mode MIMO

Highest Channel

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

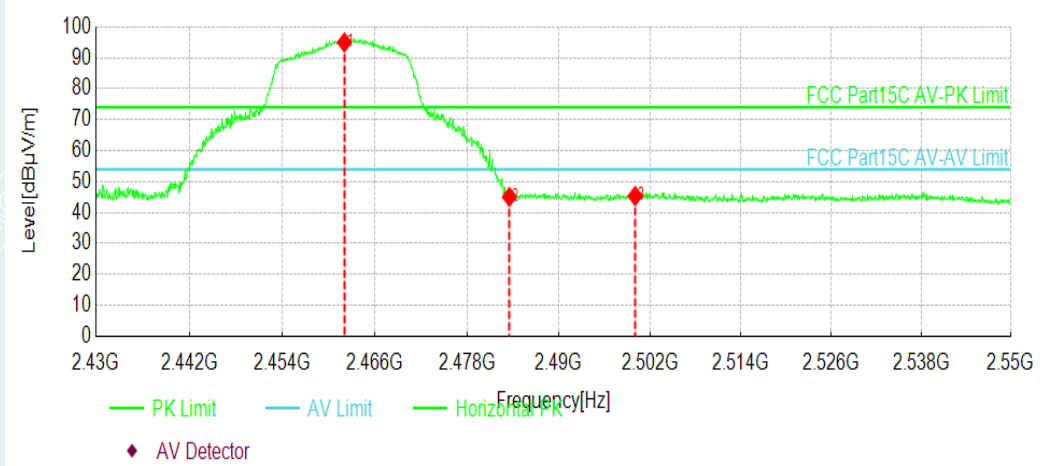
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

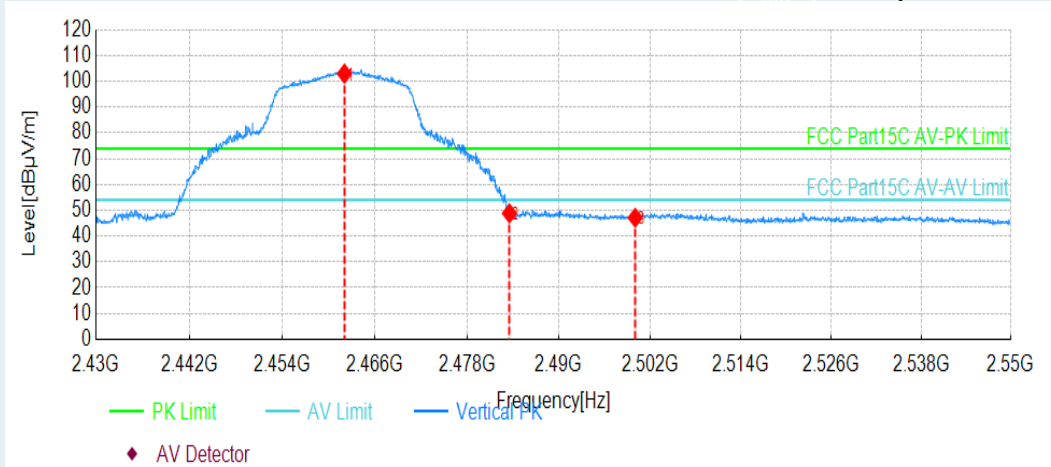
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2462.056	90.94	4.03	94.97	-	-	Horizontal
2	2483.5468	40.92	4.09	45.01	74.00	28.99	Horizontal
3	2500.055	41.18	4.14	45.32	74.00	28.68	Horizontal
1	2462.056	98.98	4.03	103.01	-	-	Vertical
2	2483.5468	44.73	4.09	48.82	74.00	25.18	Vertical
3	2500.055	42.99	4.14	47.13	74.00	26.87	Vertical

802.11n HT20 mode MIMO

Highest Channel

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

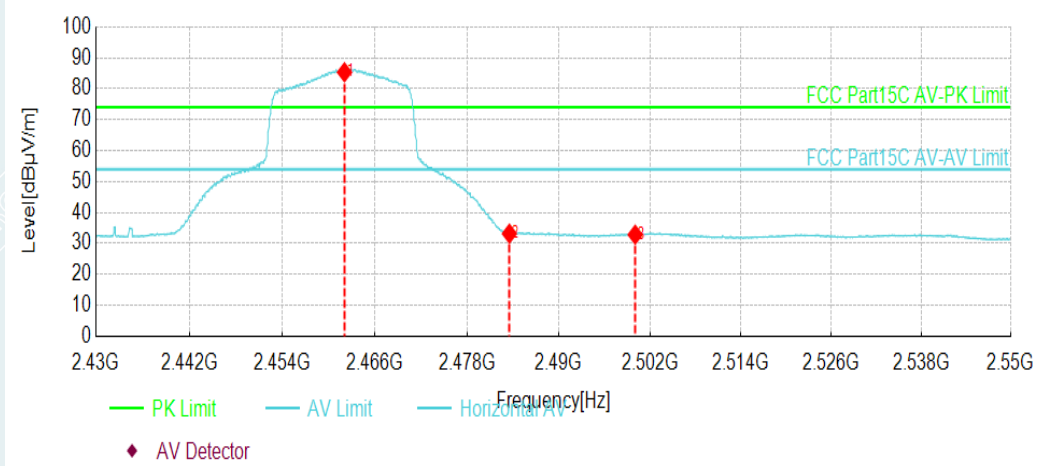
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

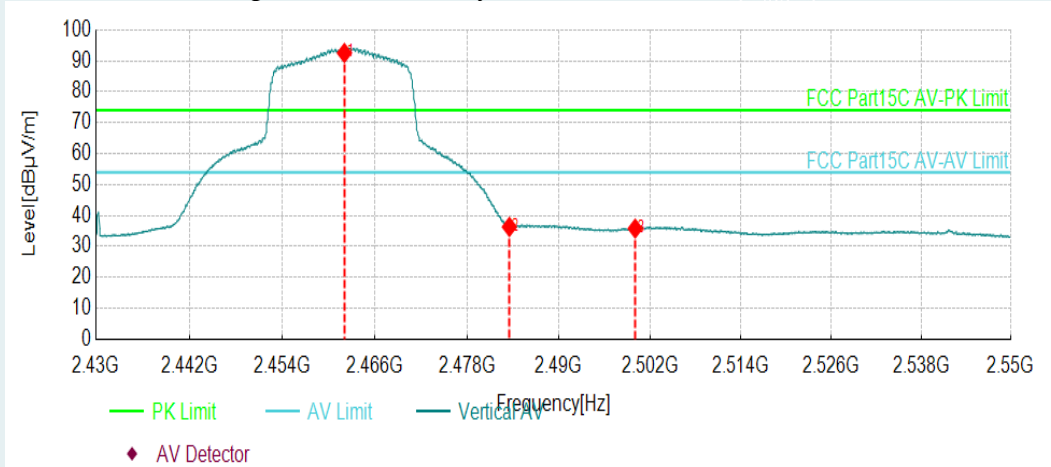
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2462.056	81.30	4.03	85.33	-	-	Horizontal
2	2483.5468	29.08	4.09	33.17	54.00	20.83	Horizontal
3	2500.055	28.70	4.14	32.84	54.00	21.16	Horizontal
1	2462.056	88.48	4.03	92.51	-	-	Vertical
2	2483.5468	32.23	4.09	36.32	54.00	17.68	Vertical
3	2500.055	31.64	4.14	35.78	54.00	18.22	Vertical

802.11n HT40 mode MIMO

Lowest Channel

Frequency 2422MHz

Environment: 18.9°C/47%RH/101.1kPa

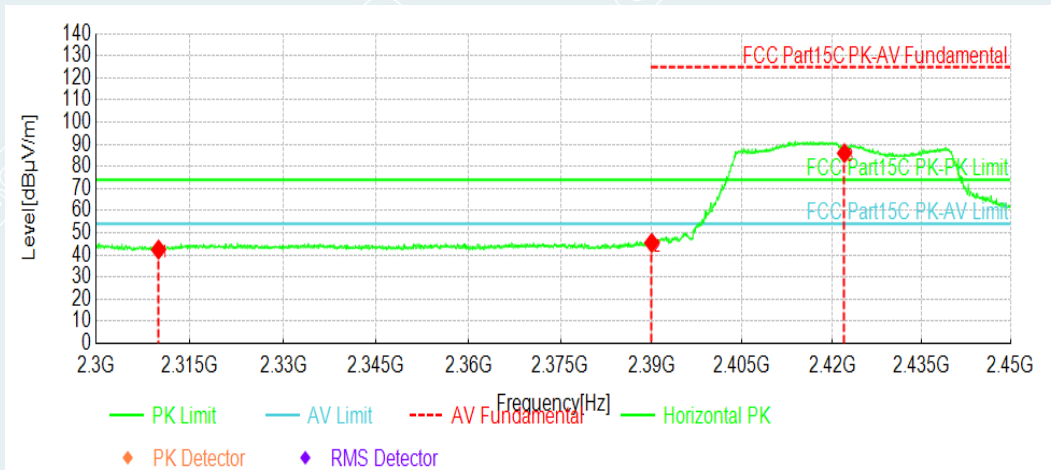
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

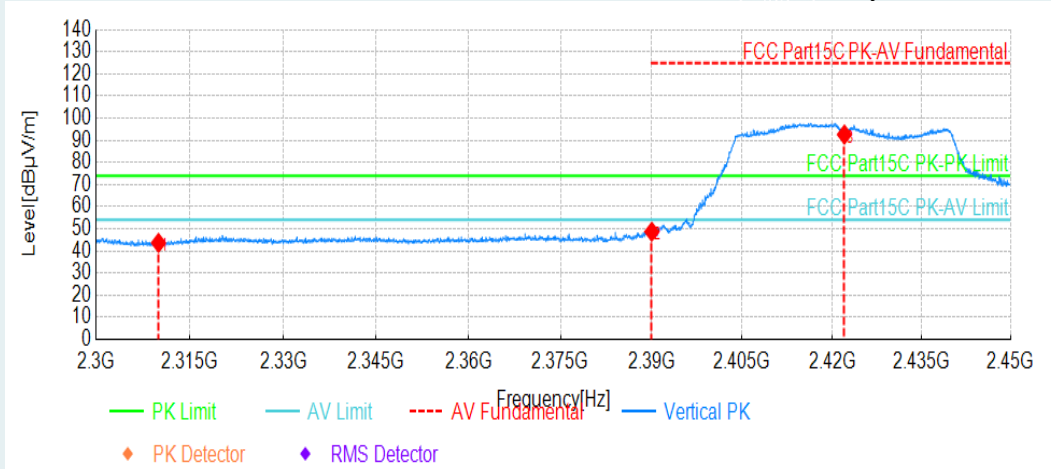
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	39.13	3.24	42.37	74.00	31.63	Horizontal
2	2390.03	41.62	3.78	45.40	74.00	28.60	Horizontal
3	2422.0407	82.09	3.91	86.00	-	-	Horizontal
1	2310.0033	40.36	3.24	43.60	74.00	30.40	Vertical
2	2390.03	44.89	3.78	48.67	74.00	25.33	Vertical
3	2422.0407	88.68	3.91	92.59	-	-	Vertical

802.11n HT40 mode MIMO

Lowest Channel

Frequency 2422MHz

Environment: 18.9°C/47%RH/101.1kPa

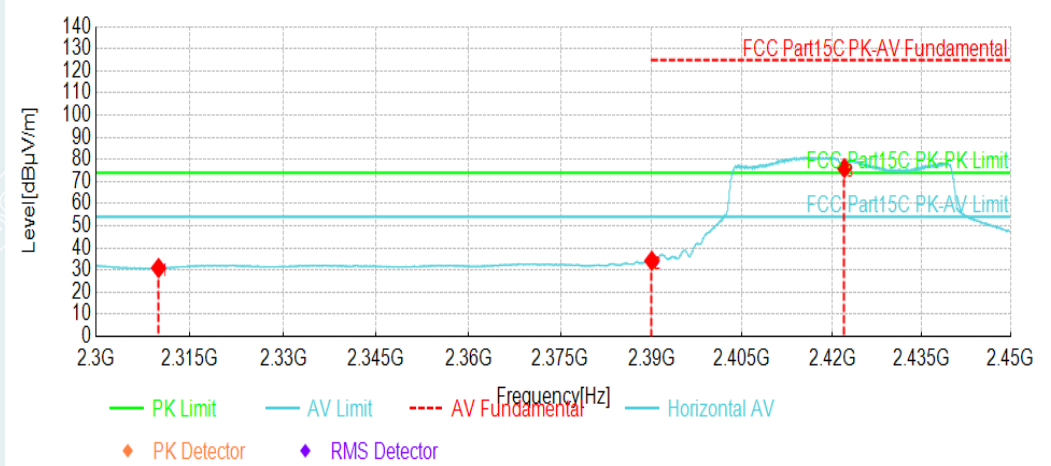
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

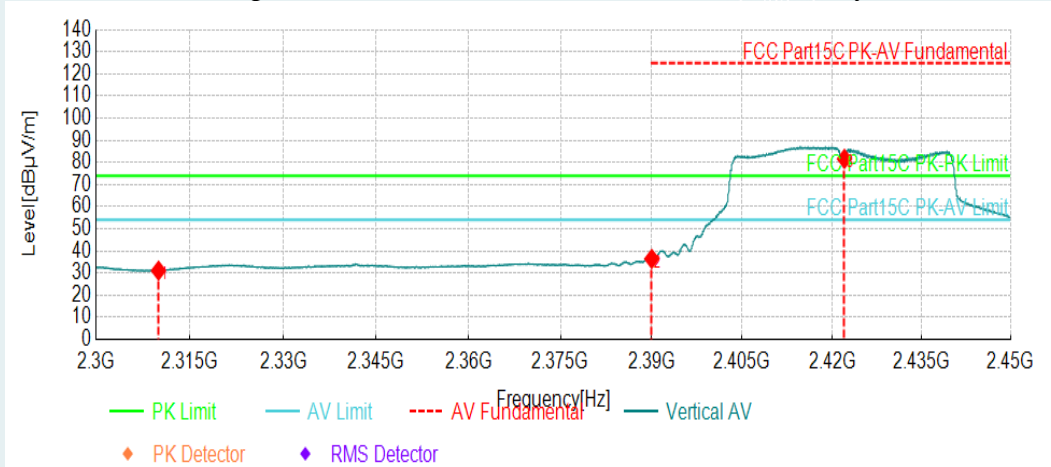
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	27.62	3.24	30.86	54.00	23.14	Horizontal
2	2390.03	30.35	3.78	34.13	54.00	19.87	Horizontal
3	2422.0407	72.17	3.91	76.08	-	-	Horizontal
1	2310.0033	27.83	3.24	31.07	54.00	22.93	Vertical
2	2390.03	32.61	3.78	36.39	54.00	17.61	Vertical
3	2422.0407	77.70	3.91	81.61	-	-	Vertical

802.11n HT40 mode MIMO

Highest Channel

Frequency 2452MHz

Environment: 18.9°C/47%RH/101.1kPa

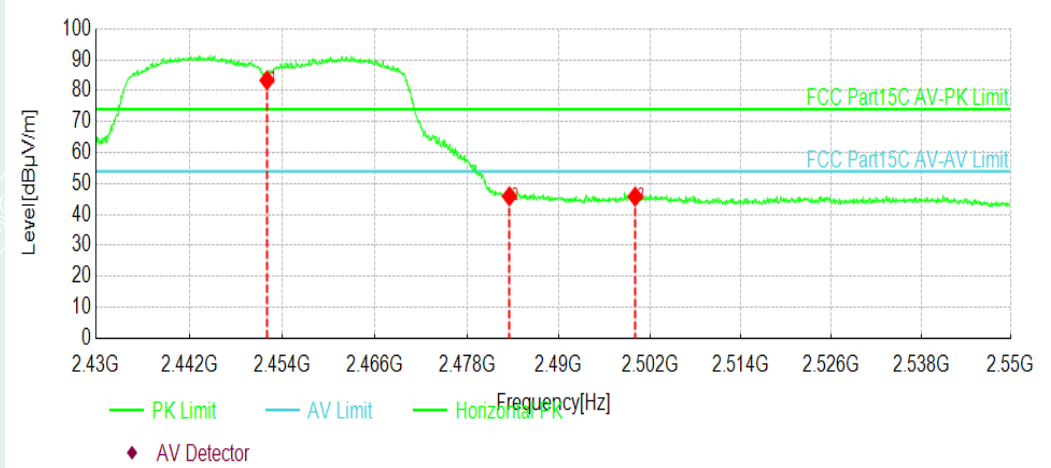
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

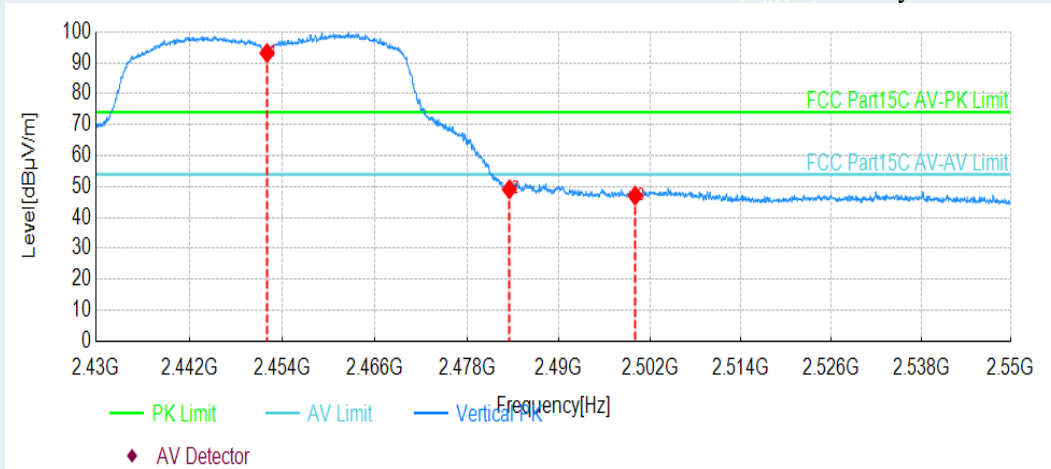
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2452.031	79.36	3.99	83.35	-	-	Horizontal
2	2483.5468	41.78	4.09	45.87	74.00	28.13	Horizontal
3	2500.055	41.63	4.14	45.77	74.00	28.23	Horizontal
1	2452.031	89.13	3.99	93.12	-	-	Vertical
2	2483.5468	44.99	4.09	49.08	74.00	24.92	Vertical
3	2500.055	42.90	4.14	47.04	74.00	26.96	Vertical

**802.11n HT40 mode MIMO
Highest Channel**

Frequency 2452MHz

Environment: 18.9°C/47%RH/101.1kPa

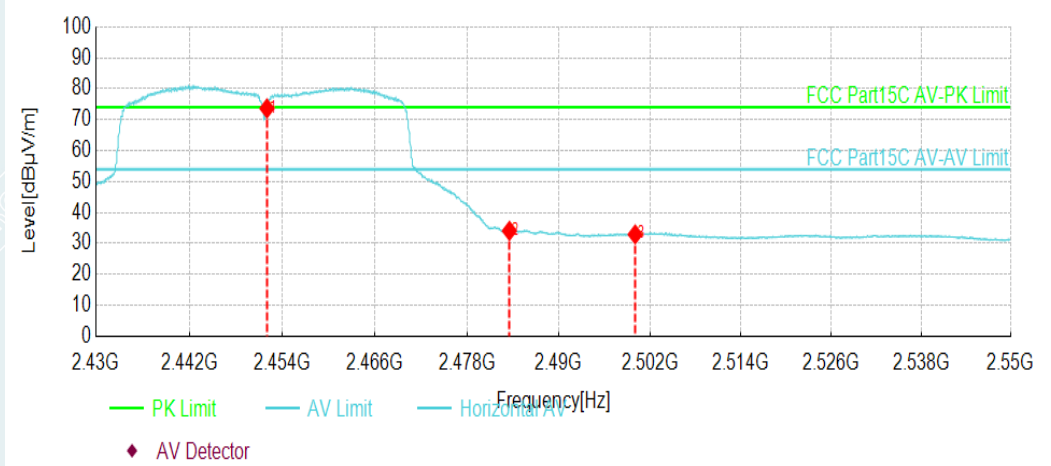
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

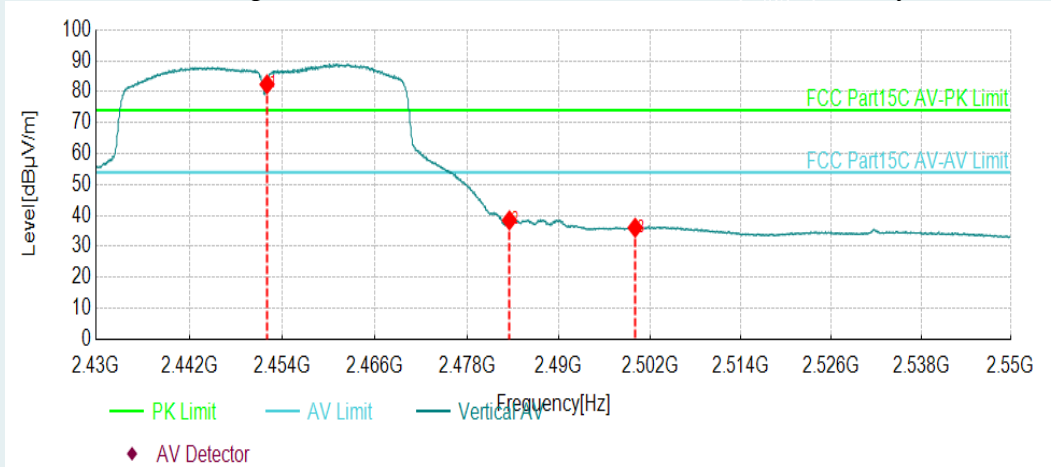
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2452.031	69.64	3.99	73.63	-	-	Horizontal
2	2483.5468	29.99	4.09	34.08	54.00	19.92	Horizontal
3	2500.055	28.76	4.14	32.90	54.00	21.10	Horizontal
1	2452.031	78.39	3.99	82.38	-	-	Vertical
2	2483.5468	34.33	4.09	38.42	54.00	15.58	Vertical
3	2500.055	31.89	4.14	36.03	54.00	17.97	Vertical

802.11axHE20 mode MIMO

Lowest Channel

Frequency 2412MHz

Environment: 18.9°C/47%RH/101.1kPa

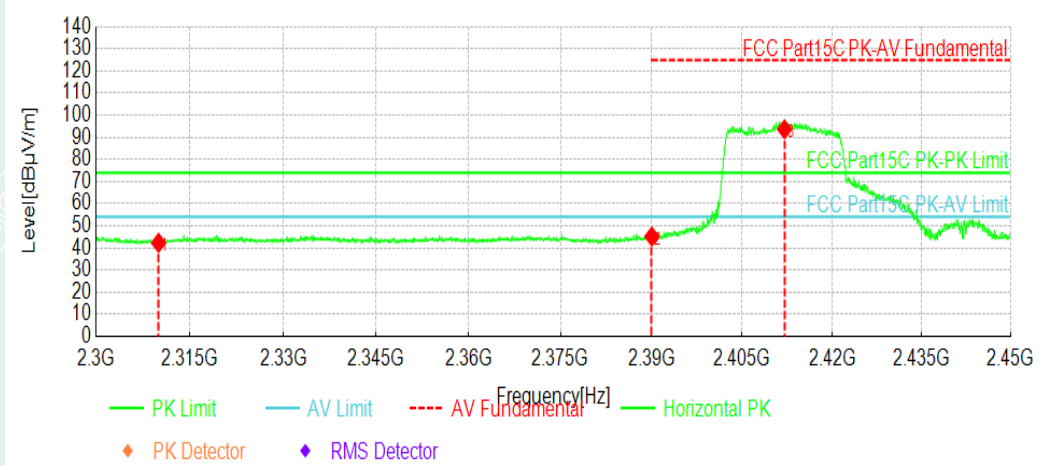
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

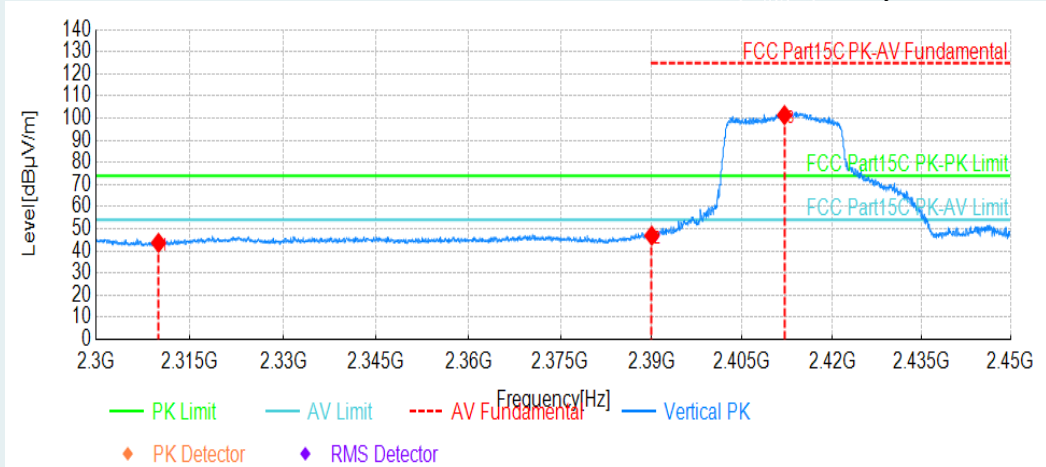
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	39.04	3.24	42.28	74.00	31.72	Horizontal
2	2390.03	41.37	3.78	45.15	74.00	28.85	Horizontal
3	2412.0373	89.77	3.88	93.65	-	-	Horizontal
1	2310.0033	40.36	3.24	43.60	74.00	30.40	Vertical
2	2390.03	43.07	3.78	46.85	74.00	27.15	Vertical
3	2412.0373	97.51	3.88	101.39	-	-	Vertical

802.11ax HE20 mode MIMO

Lowest Channel

Frequency 2412MHz

Environment: 18.9°C/47%RH/101.1kPa

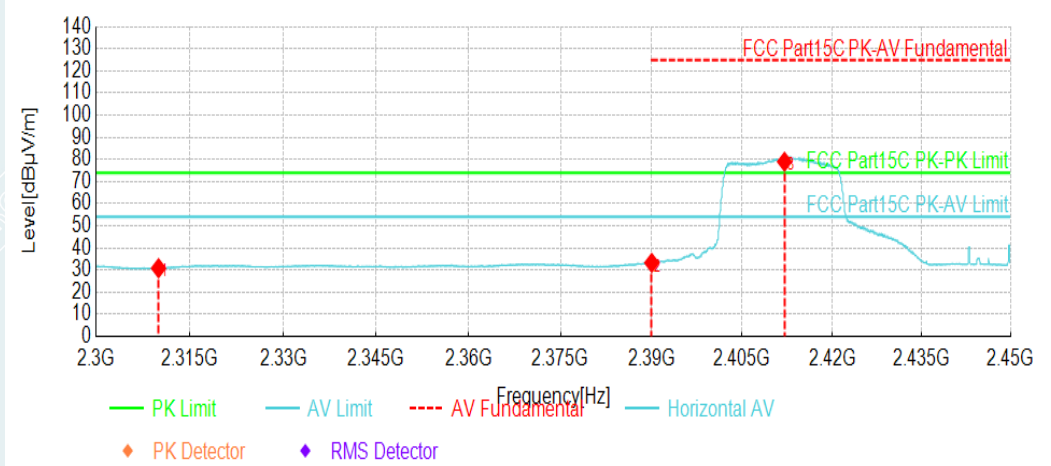
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

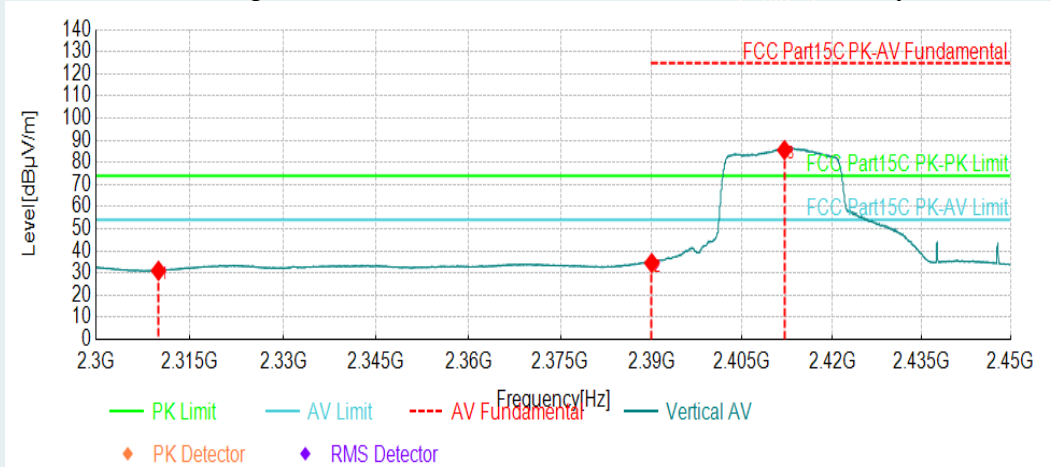
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	27.57	3.24	30.81	54.00	23.19	Horizontal
2	2390.03	29.45	3.78	33.23	54.00	20.77	Horizontal
3	2412.0373	75.11	3.88	78.99	-	-	Horizontal
1	2310.0033	27.76	3.24	31.00	54.00	23.00	Vertical
2	2390.03	30.71	3.78	34.49	54.00	19.51	Vertical
3	2412.0373	81.70	3.88	85.58	-	-	Vertical

802.11ax HE20 mode MIMO

Highest Channel

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

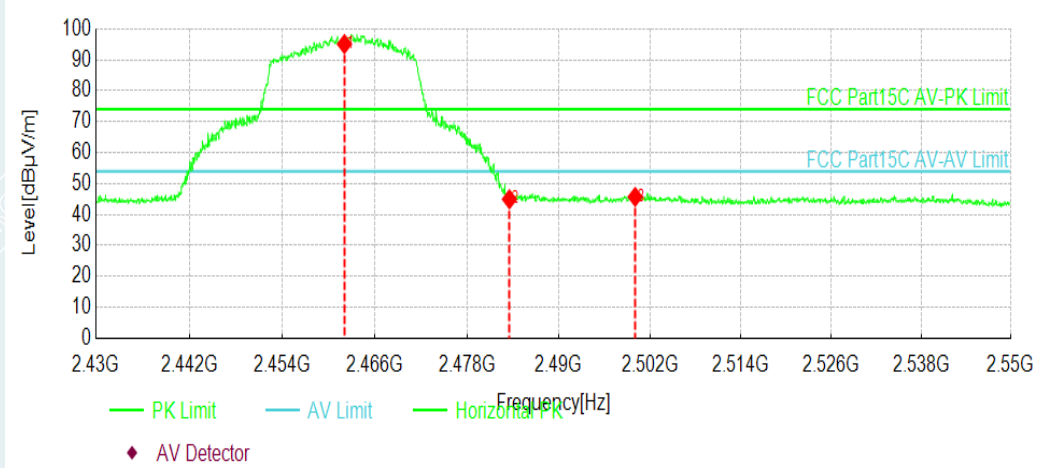
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

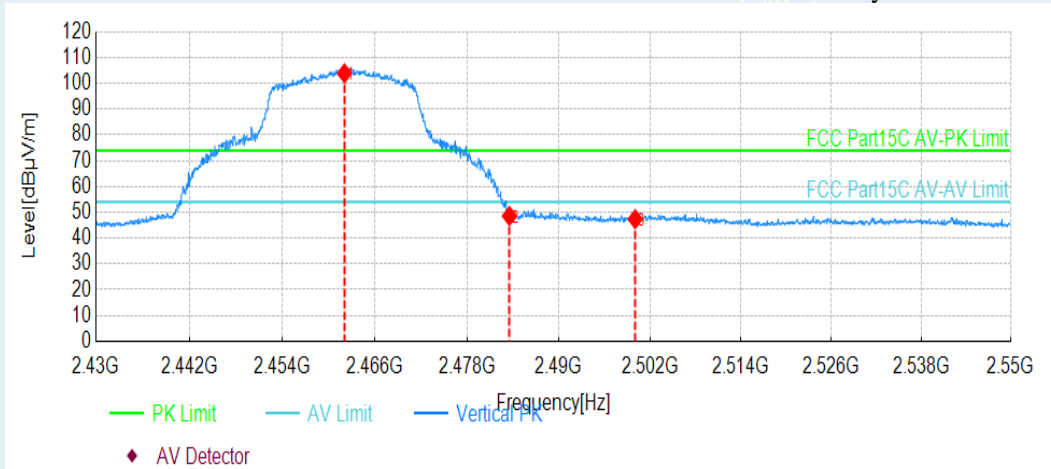
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2462.056	91.05	4.03	95.08	-	-	Horizontal
2	2483.5468	40.84	4.09	44.93	74.00	29.07	Horizontal
3	2500.055	41.54	4.14	45.68	74.00	28.32	Horizontal
1	2462.056	99.85	4.03	103.88	-	-	Vertical
2	2483.5468	44.52	4.09	48.61	74.00	25.39	Vertical
3	2500.055	43.24	4.14	47.38	74.00	26.62	Vertical

802.11ax HE20 mode MIMO

Highest Channel

Frequency 2462MHz

Environment: 18.9°C/47%RH/101.1kPa

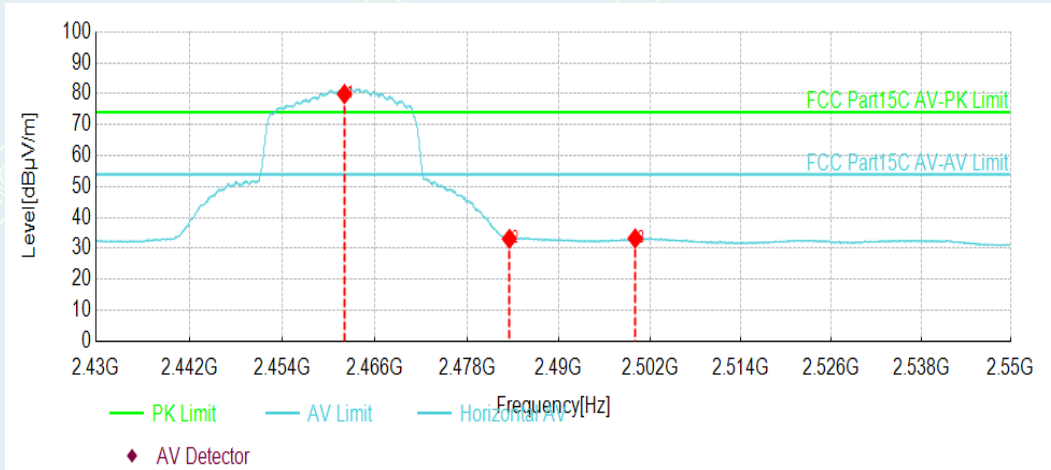
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

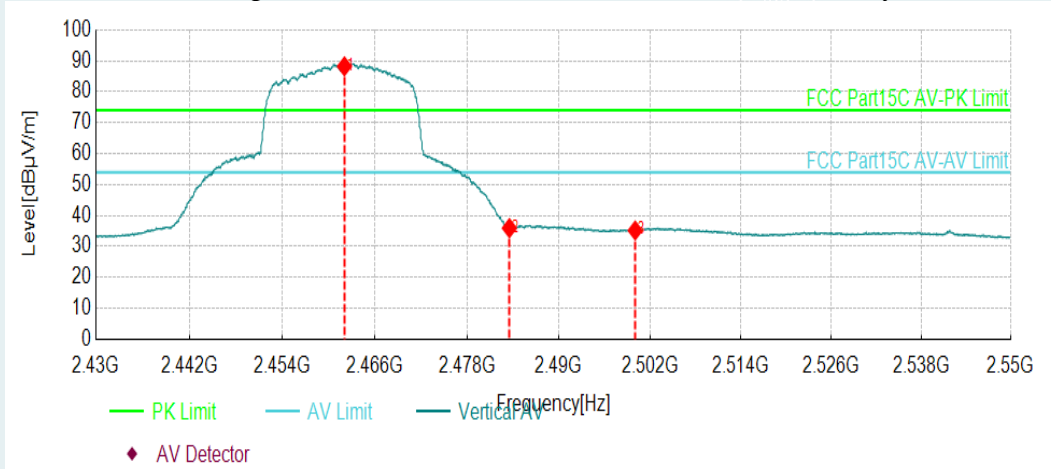
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2462.056	75.85	4.03	79.88	-	-	Horizontal
2	2483.5468	29.00	4.09	33.09	54.00	20.91	Horizontal
3	2500.055	29.08	4.14	33.22	54.00	20.78	Horizontal
1	2462.056	84.17	4.03	88.20	-	-	Vertical
2	2483.5468	31.83	4.09	35.92	54.00	18.08	Vertical
3	2500.055	31.02	4.14	35.16	54.00	18.84	Vertical

802.11ax HE40 mode MIMO

Lowest Channel

Frequency 2422MHz

Environment: 18.9°C/47%RH/101.1kPa

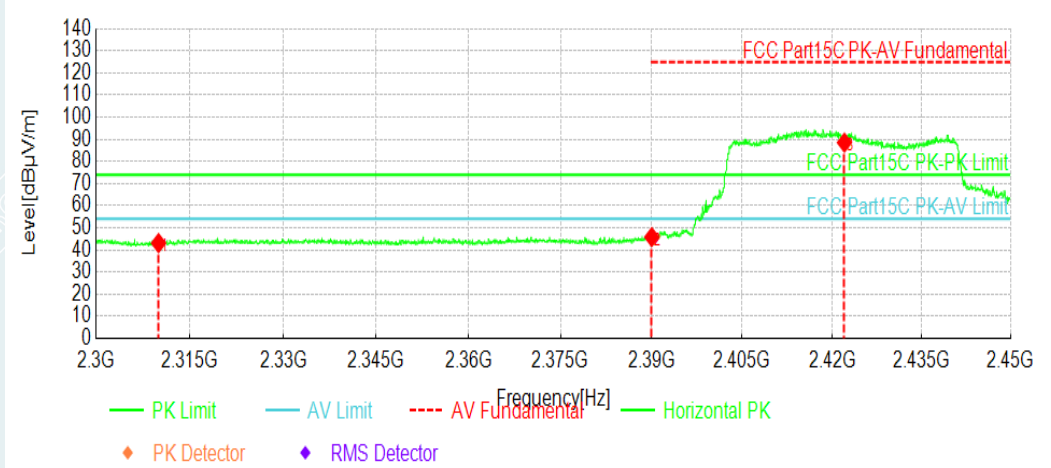
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

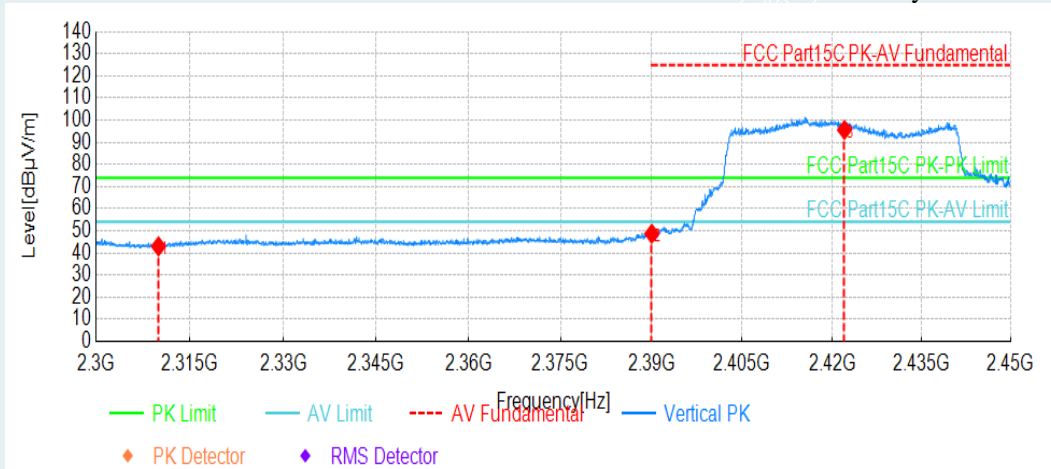
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	39.83	3.24	43.07	74.00	30.93	Horizontal
2	2390.03	41.99	3.78	45.77	74.00	28.23	Horizontal
3	2422.0407	84.60	3.91	88.51	-	-	Horizontal
1	2310.0033	39.71	3.24	42.95	74.00	31.05	Vertical
2	2390.03	44.89	3.78	48.67	74.00	25.33	Vertical
3	2422.0407	91.71	3.91	95.62	-	-	Vertical

802.11ax HE40 mode

Lowest Channel

Frequency 2422MHz

Environment: 18.9°C/47%RH/101.1kPa

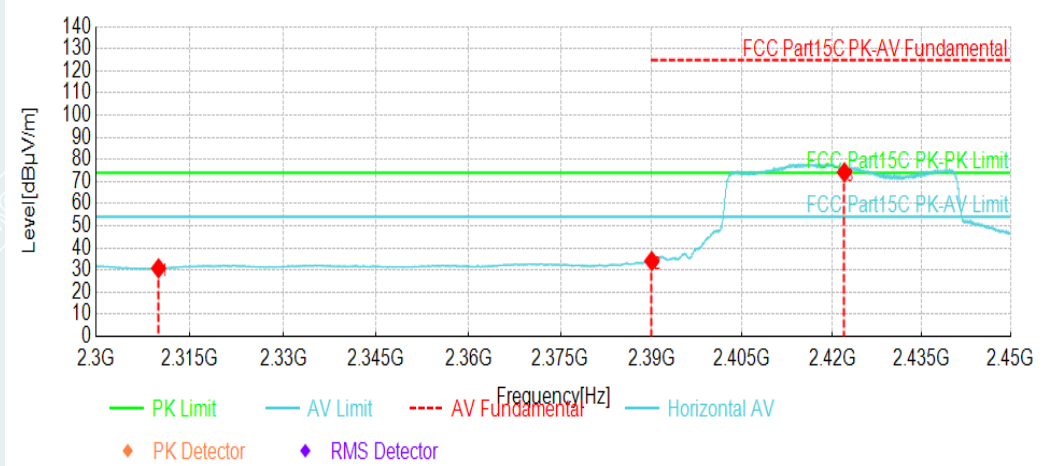
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

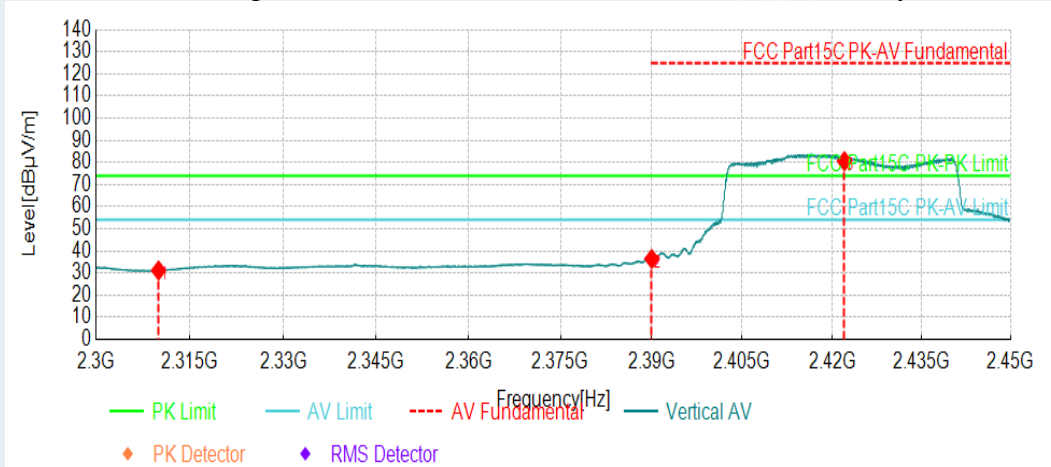
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2310.0033	27.50	3.24	30.74	54.00	23.26	Horizontal
2	2390.03	30.23	3.78	34.01	54.00	19.99	Horizontal
3	2422.0407	70.24	3.91	74.15	-	-	Horizontal
1	2310.0033	27.88	3.24	31.12	54.00	22.88	Vertical
2	2390.03	32.56	3.78	36.34	54.00	17.66	Vertical
3	2422.0407	76.65	3.91	80.56	-	-	Vertical

802.11ax HE40 mode MIMO

Highest Channel

Frequency 2452MHz

Environment: 18.9°C/47%RH/101.1kPa

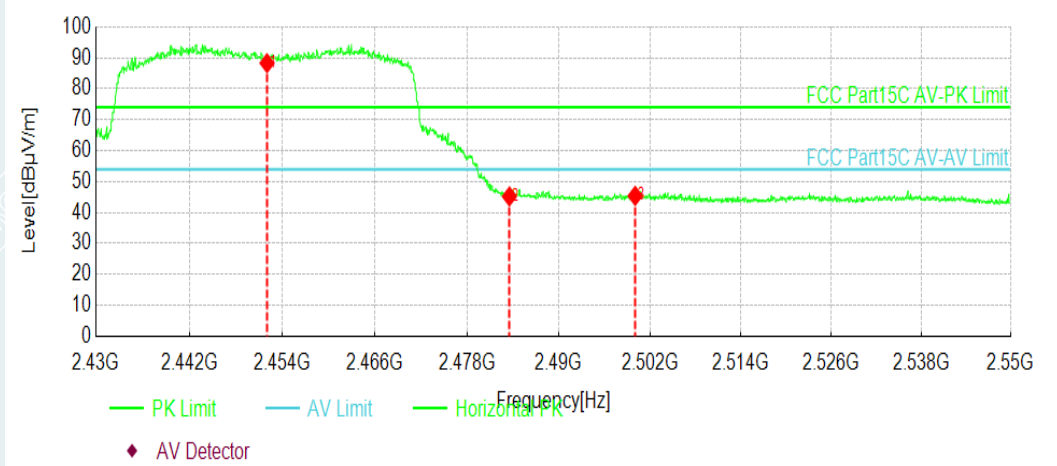
Tested By: Zhang Zishan

Detector mode: Peak

Voltage: AC120V/60Hz

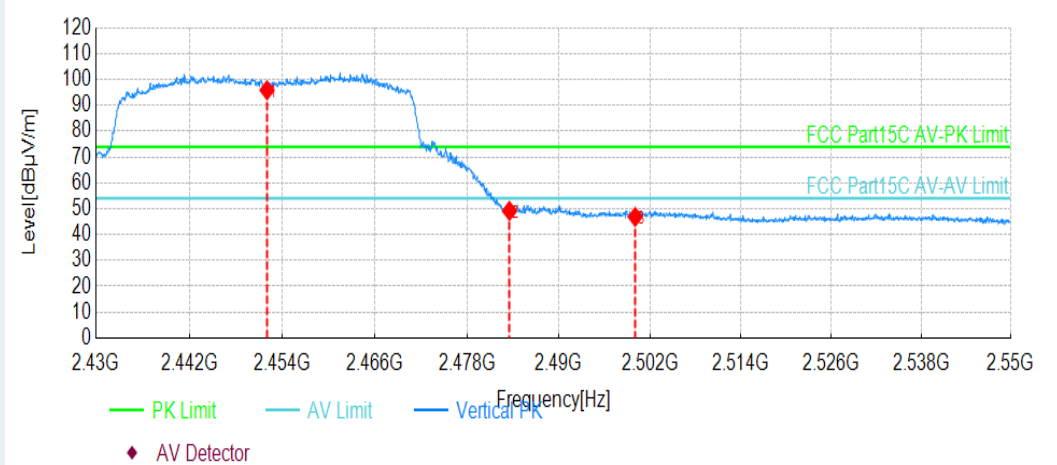
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2452.031	84.26	3.99	88.25	-	-	Horizontal
2	2483.5468	41.11	4.09	45.20	74.00	28.80	Horizontal
3	2500.055	41.24	4.14	45.38	74.00	28.62	Horizontal
1	2452.031	91.87	3.99	95.86	-	-	Vertical
2	2483.5468	45.09	4.09	49.18	74.00	24.82	Vertical
3	2500.055	42.70	4.14	46.84	74.00	27.16	Vertical

802.11ax HE40 mode MIMO

Highest Channel

Frequency 2452MHz

Environment: 18.9°C/47%RH/101.1kPa

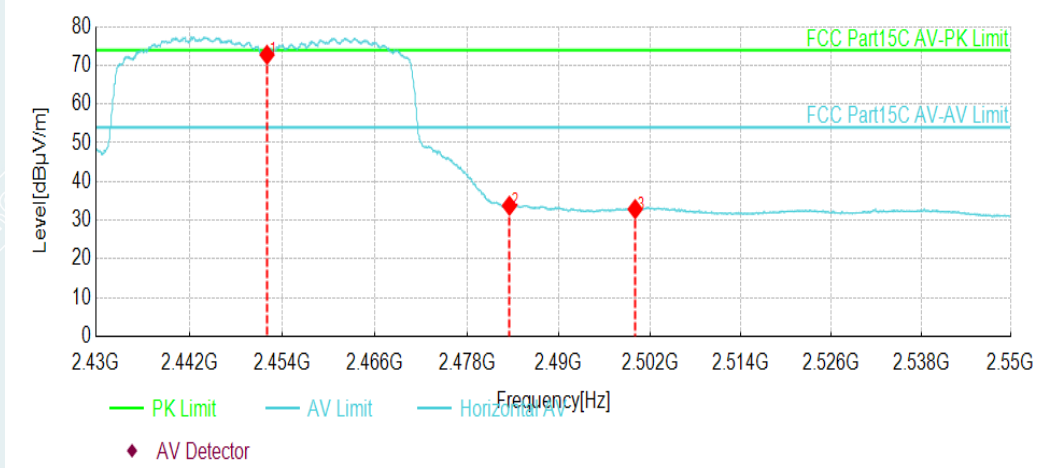
Tested By: Zhang Zishan

Detector mode: Average

Voltage: AC120V/60Hz

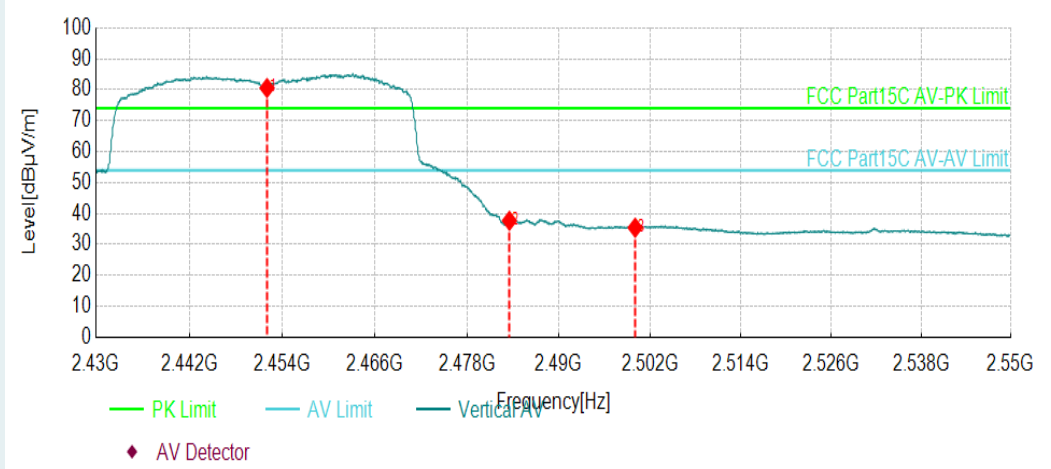
Date: 2022-12-20

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2452.031	68.77	3.99	72.76	-	-	Horizontal
2	2483.5468	29.65	4.09	33.74	54.00	20.26	Horizontal
3	2500.055	28.73	4.14	32.87	54.00	21.13	Horizontal
1	2452.031	76.56	3.99	80.55	-	-	Vertical
2	2483.5468	33.57	4.09	37.66	54.00	16.34	Vertical
3	2500.055	31.26	4.14	35.40	54.00	18.60	Vertical

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E202212085403-01-1 Test setup photo.

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