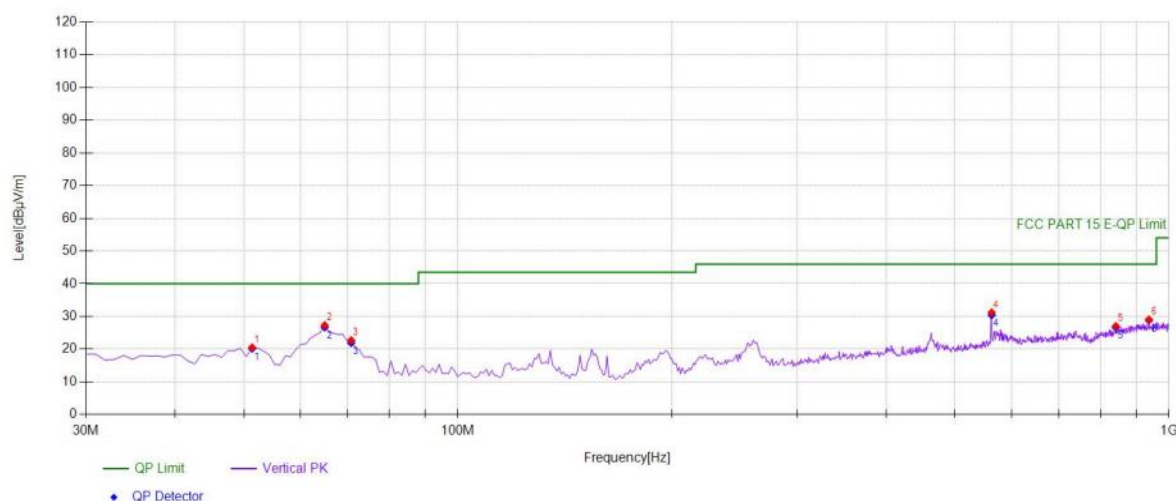


Test mode: 802.11n(20) Frequency(MHz): 5200

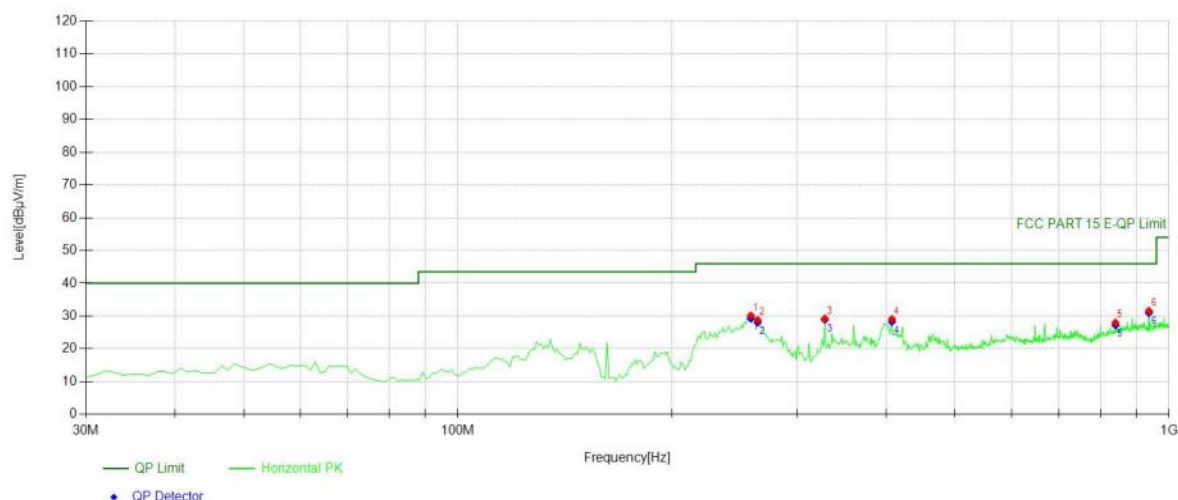


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	51.3614	36.73	-16.21	20.52	PK	40.00	19.48	Vertical
2	64.955	45.38	-18.07	27.31	PK	40.00	12.69	Vertical
3	70.7808	41.58	-18.88	22.70	PK	40.00	17.30	Vertical
4	563.063	39.38	-8.17	31.21	PK	46.00	14.79	Vertical
5	841.731	31.33	-4.28	27.05	PK	46.00	18.95	Vertical
6	936.886	32.13	-3.09	29.04	PK	46.00	16.96	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	51.3614	-16.21	20.19	40.00	19.81
2	64.955	-18.07	26.70	40.00	13.30
3	70.7808	-18.88	21.93	40.00	18.07
4	563.0631	-8.17	30.44	46.00	15.56
5	841.7317	-4.28	26.64	46.00	19.36
6	936.8869	-3.09	28.82	46.00	17.18



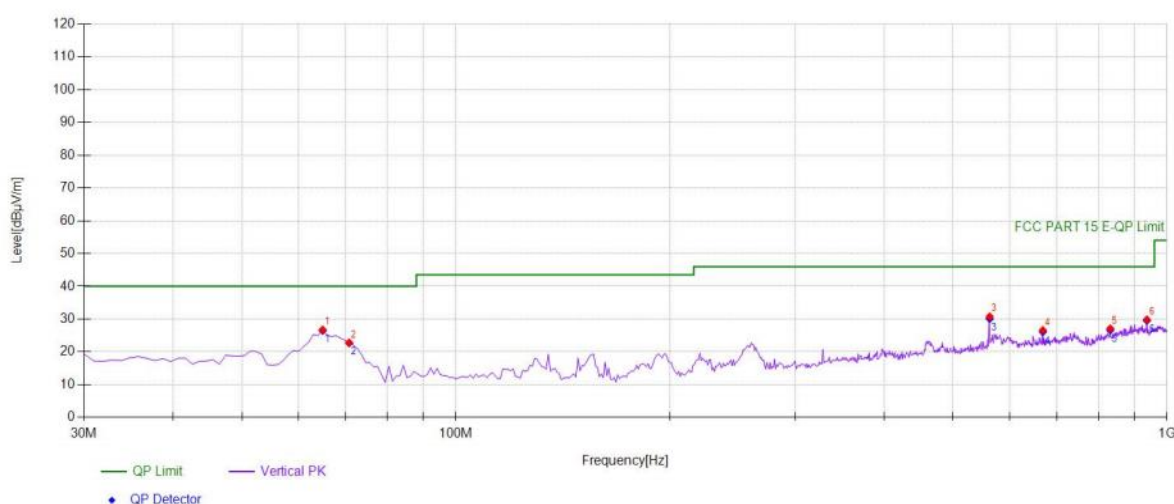
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	258.178	45.85	-15.69	30.16	PK	46.00	15.84	Horizontal
2	264.004	44.32	-15.53	28.79	PK	46.00	17.21	Horizontal
3	328.088	42.27	-13.04	29.23	PK	46.00	16.77	Horizontal
4	407.707	40.57	-11.48	29.09	PK	46.00	16.91	Horizontal
5	840.760	32.36	-4.33	28.03	PK	46.00	17.97	Horizontal
6	936.886	34.67	-3.09	31.58	PK	46.00	14.42	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	258.1782	-15.69	29.26	46.00	16.74
2	264.004	-15.53	28.08	46.00	17.92
3	328.0881	-13.04	28.88	46.00	17.12
4	407.7077	-11.48	28.30	46.00	17.70
5	840.7608	-4.33	27.24	46.00	18.76
6	936.8869	-3.09	30.98	46.00	15.02

Test mode: 802.11n(20) Frequency(MHz): 5240

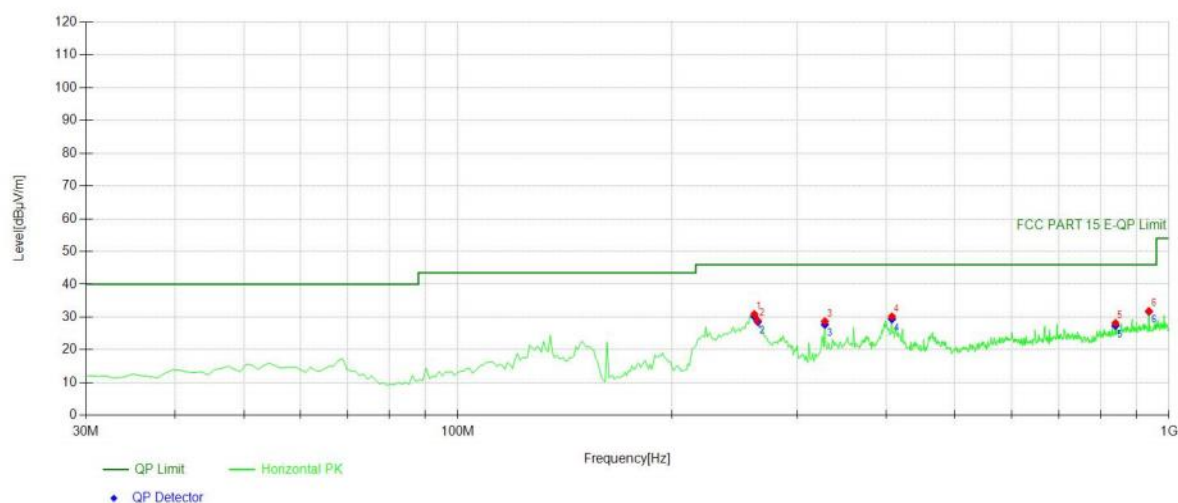


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	64.955	44.81	-18.07	26.74	PK	40.00	13.26	Vertical
2	70.7808	41.64	-18.88	22.76	PK	40.00	17.24	Vertical
3	563.063	38.97	-8.17	30.80	PK	46.00	15.20	Vertical
4	668.898	33.31	-6.70	26.61	PK	46.00	19.39	Vertical
5	832.022	31.66	-4.54	27.12	PK	46.00	18.88	Vertical
6	936.886	32.94	-3.09	29.85	PK	46.00	16.15	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	64.955	-18.07	26.49	40.00	13.51
2	70.7808	-18.88	22.71	40.00	17.29
3	563.0631	-8.17	30.11	46.00	15.89
4	668.8989	-6.70	26.11	46.00	19.89
5	832.022	-4.54	26.62	46.00	19.38
6	936.8869	-3.09	29.55	46.00	16.45



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	261.091	46.52	-15.64	30.88	PK	46.00	15.12	Horizontal
2	264.004	44.44	-15.53	28.91	PK	46.00	17.09	Horizontal
3	328.088	41.74	-13.04	28.70	PK	46.00	17.30	Horizontal
4	407.707	41.65	-11.48	30.17	PK	46.00	15.83	Horizontal
5	840.760	32.50	-4.33	28.17	PK	46.00	17.83	Horizontal
6	936.886	34.87	-3.09	31.78	PK	46.00	14.22	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	261.0911	-15.64	30.14	46.00	15.86
2	264.004	-15.53	28.56	46.00	17.44
3	328.0881	-13.04	27.71	46.00	18.29
4	407.7077	-11.48	29.38	46.00	16.62
5	840.7608	-4.33	27.38	46.00	18.62
6	936.8869	-3.09	31.71	46.00	14.29

8.5 POWER LINE CONDUCTED EMISSIONS

8.5.1 Applicable Standard

According to FCC Part 15.207(a)

8.5.2 Conformance Limit

Frequency(MHz)	Conducted Emission Limit	
	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

8.5.3 Test Configuration

Test according to clause 6.3 conducted emission test setup

8.5.4 Test Procedure

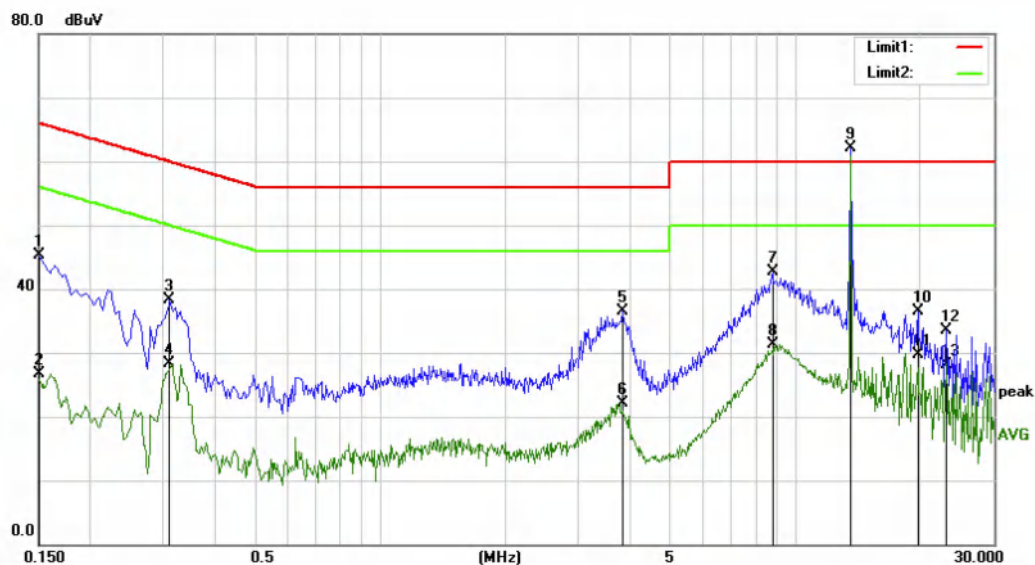
The EUT was placed on a table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Repeat above procedures until all frequency measured were complete.

8.5.5 Test Results

PASS



Site Conduction #1

Phase: **L1**

Temperature: 23.3

Limit: (CE)FCC PART 15 class B_QP

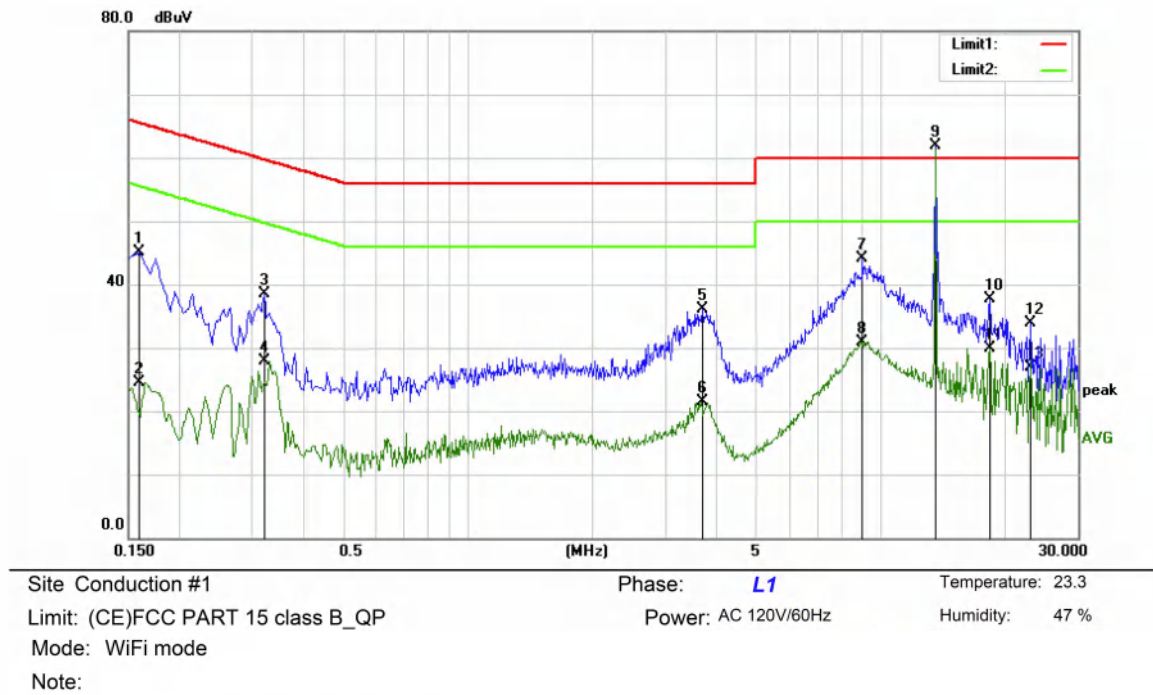
Power: AC 120V/60Hz

Humidity: 47 %

Mode: WiFi mode

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	35.44	9.93	45.37	66.00	-20.63	QP	
2		0.1500	16.68	9.93	26.61	56.00	-29.39	AVG	
3		0.3100	28.31	9.92	38.23	59.97	-21.74	QP	
4		0.3100	18.37	9.92	28.29	49.97	-21.68	AVG	
5		3.8200	26.44	10.04	36.48	56.00	-19.52	QP	
6		3.8200	12.04	10.04	22.08	46.00	-23.92	AVG	
7		8.7940	32.58	10.18	42.76	60.00	-17.24	QP	
8		8.7940	21.11	10.18	31.29	50.00	-18.71	AVG	
9	*	13.5550	51.69	10.37	62.06	60.00	2.06	peak	
10		19.7020	25.88	10.63	36.51	60.00	-23.49	QP	
11		19.7020	19.17	10.63	29.80	50.00	-20.20	AVG	
12		23.1220	22.69	10.75	33.44	60.00	-26.56	QP	
13		23.1220	17.45	10.75	28.20	50.00	-21.80	AVG	



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1590	35.27	9.93	45.20	65.52	-20.32	QP	
2		0.1590	14.52	9.93	24.45	55.52	-31.07	AVG	
3		0.3200	28.66	9.92	38.58	59.71	-21.13	QP	
4		0.3200	18.06	9.92	27.98	49.71	-21.73	AVG	
5		3.6950	26.10	10.04	36.14	56.00	-19.86	QP	
6		3.6950	11.40	10.04	21.44	46.00	-24.56	AVG	
7		9.0370	33.91	10.18	44.09	60.00	-15.91	QP	
8		9.0370	20.78	10.18	30.96	50.00	-19.04	AVG	
9	*	13.5550	51.61	10.37	61.98	60.00	1.98	peak	
10		18.3610	27.08	10.57	37.65	60.00	-22.35	QP	
11		18.3610	19.40	10.57	29.97	50.00	-20.03	AVG	
12		23.1220	23.11	10.75	33.86	60.00	-26.14	QP	
13		23.1220	16.15	10.75	26.90	50.00	-23.10	AVG	

8.6 ANTENNA APPLICATION

8.6.1 Antenna Requirement

Standard	Requirement
FCC CRF Part 15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

8.6.2 Result

PASS.

The EUT has antennas: an FPC Antenna for WIFI 5G, the antenna1 gain is 3.82 dBi;

Note: ☒ Antennas use a permanently attached antenna which is not replaceable.
☐ Not using a standard antenna jack or electrical connector for antenna replacement
☐ The antenna has to be professionally installed (please provide method of installation)

Which in accordance to section 15.203, please refer to the internal photos.

----- END OF REPORT -----