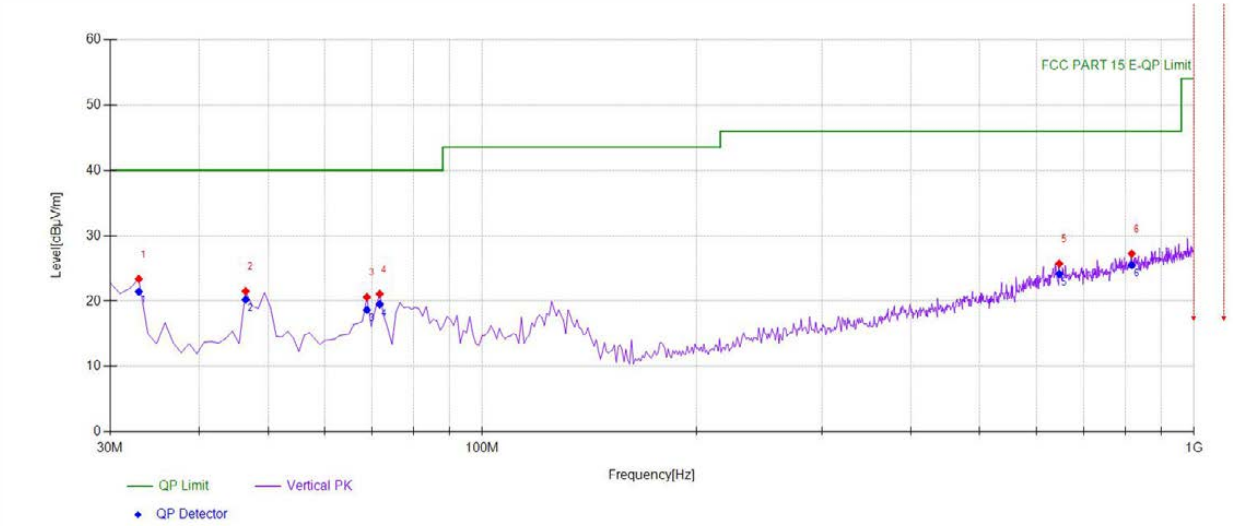
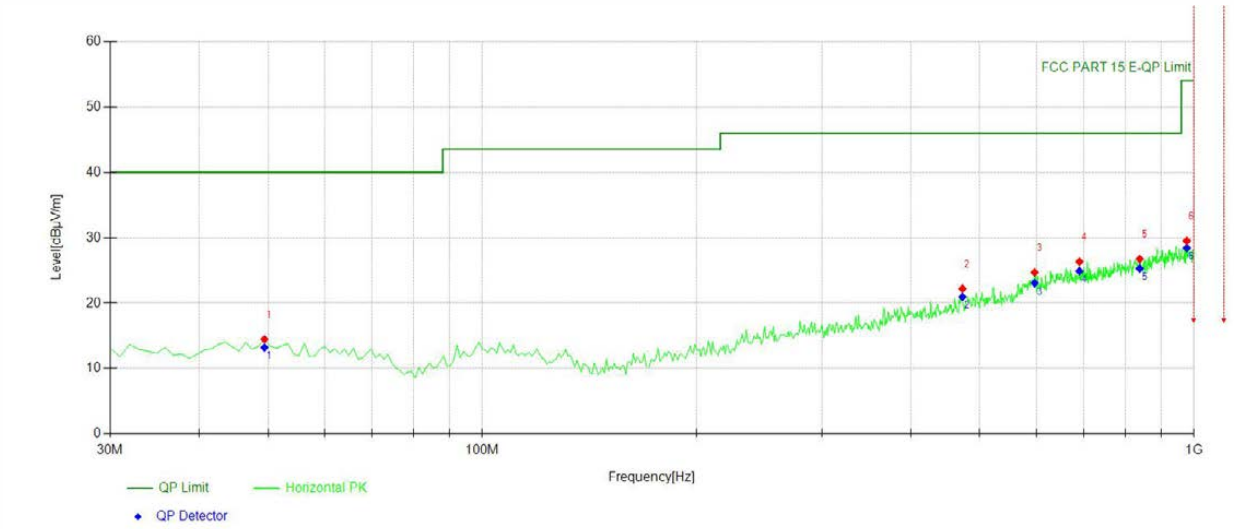
U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6535



Suspected Data List

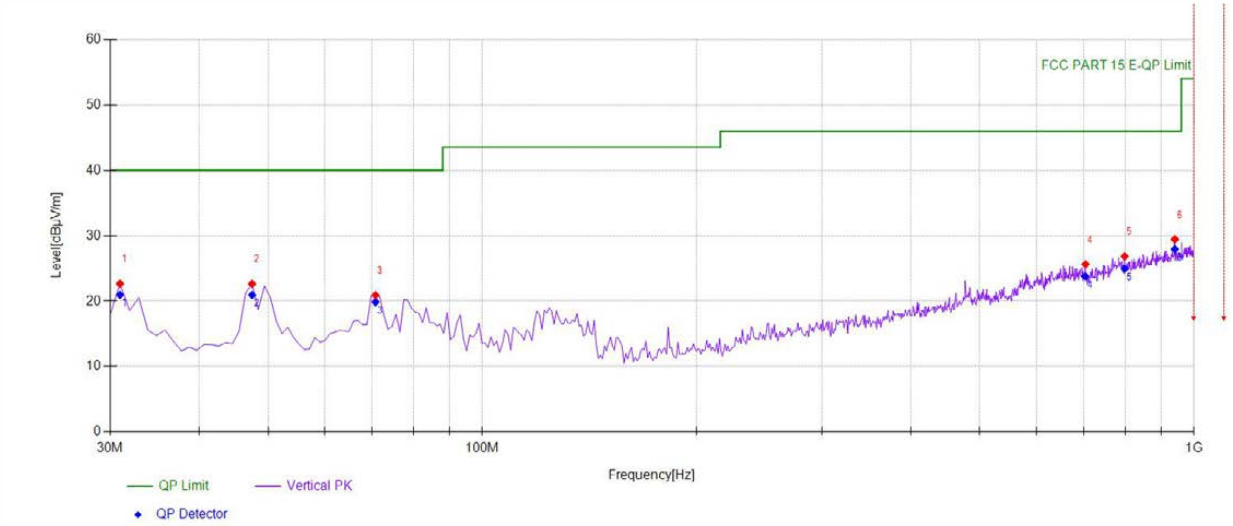
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	32.9129	41.73	-18.35	23.38	PK	40.00	16.62	Vertical
2	46.5065	38.98	-17.45	21.53	PK	40.00	18.47	Vertical
3	68.8388	40.41	-19.80	20.61	PK	40.00	19.39	Vertical
4	71.7518	41.33	-20.23	21.10	PK	40.00	18.90	Vertical
5	646.5666	31.97	-6.23	25.74	PK	46.00	20.26	Vertical
6	817.4575	31.55	-4.30	27.25	PK	46.00	18.75	Vertical



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	49.4194	31.74	-17.25	14.49	PK	40.00	25.51	Horizontal
2	472.7628	32.46	-10.24	22.22	PK	46.00	23.78	Horizontal
3	597.047	31.84	-7.14	24.70	PK	46.00	21.30	Horizontal
4	690.2603	32.37	-6.03	26.34	PK	46.00	19.66	Horizontal
5	838.8188	30.63	-3.89	26.74	PK	46.00	19.26	Horizontal
6	976.6967	31.38	-1.87	29.51	PK	54.00	24.49	Horizontal

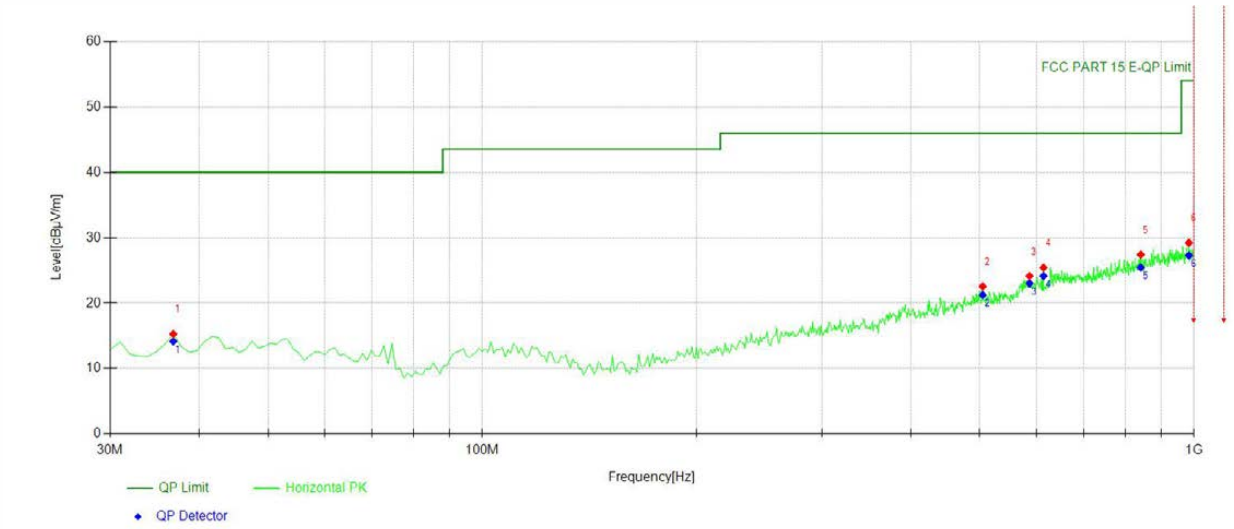
U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6695



Suspected Data List

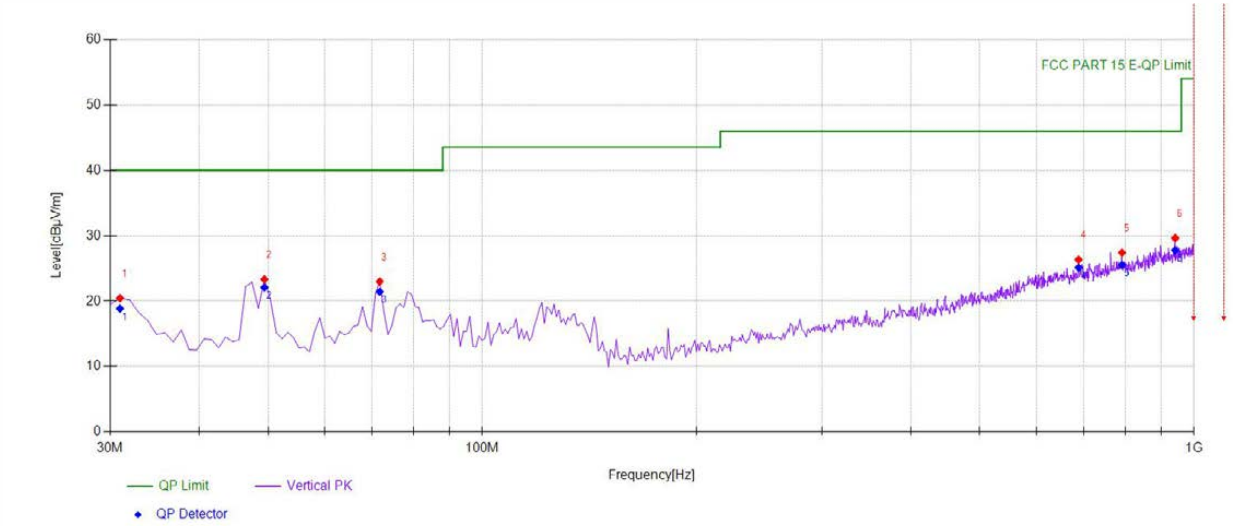
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	30.971	41.13	-18.47	22.66	PK	40.00	17.34	Vertical
2	47.4775	40.03	-17.39	22.64	PK	40.00	17.36	Vertical
3	70.7808	40.99	-20.08	20.91	PK	40.00	19.09	Vertical
4	703.8539	31.54	-5.90	25.64	PK	46.00	20.36	Vertical
5	799.009	31.26	-4.43	26.83	PK	46.00	19.17	Vertical
6	939.7998	31.89	-2.44	29.45	PK	46.00	16.55	Vertical



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	36.7968	33.41	-18.11	15.30	PK	40.00	24.70	Horizontal
2	504.8048	32.32	-9.77	22.55	PK	46.00	23.45	Horizontal
3	587.3373	31.28	-7.14	24.14	PK	46.00	21.86	Horizontal
4	614.5245	32.54	-7.10	25.44	PK	46.00	20.56	Horizontal
5	841.7317	31.26	-3.85	27.41	PK	46.00	18.59	Horizontal
6	983.4935	30.98	-1.76	29.22	PK	54.00	24.78	Horizontal

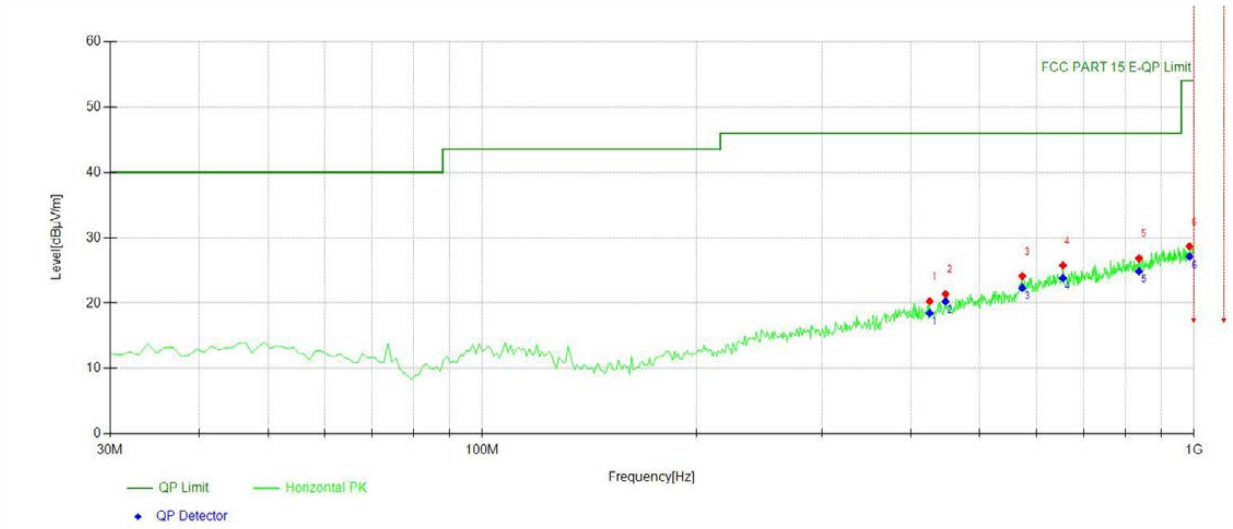
U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6855



Suspected Data List

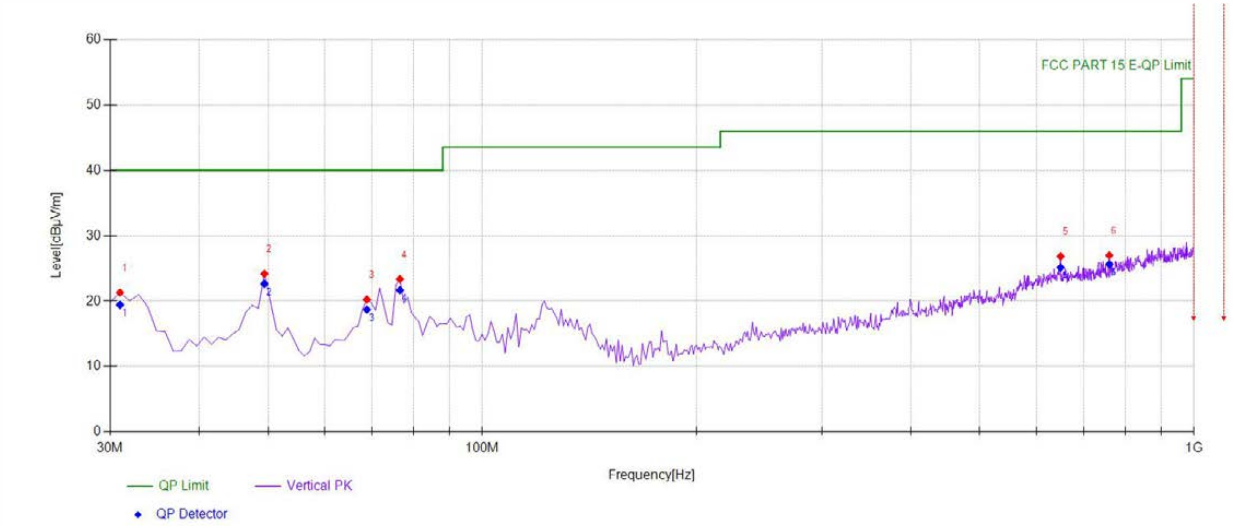
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	30.971	38.92	-18.47	20.45	PK	40.00	19.55	Vertical
2	49.4194	40.57	-17.25	23.32	PK	40.00	16.68	Vertical
3	71.7518	43.23	-20.23	23.00	PK	40.00	17.00	Vertical
4	688.3183	32.38	-6.04	26.34	PK	46.00	19.66	Vertical
5	792.2122	31.90	-4.50	27.40	PK	46.00	18.60	Vertical
6	940.7708	32.06	-2.43	29.63	PK	46.00	16.37	Vertical



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	425.1852	31.87	-11.59	20.28	PK	46.00	25.72	Horizontal
2	447.5175	32.54	-11.14	21.40	PK	46.00	24.60	Horizontal
3	573.7437	31.83	-7.71	24.12	PK	46.00	21.88	Horizontal
4	654.3343	31.96	-6.18	25.78	PK	46.00	20.22	Horizontal
5	836.8769	30.76	-3.94	26.82	PK	46.00	19.18	Horizontal
6	985.4354	30.43	-1.74	28.69	PK	54.00	25.31	Horizontal

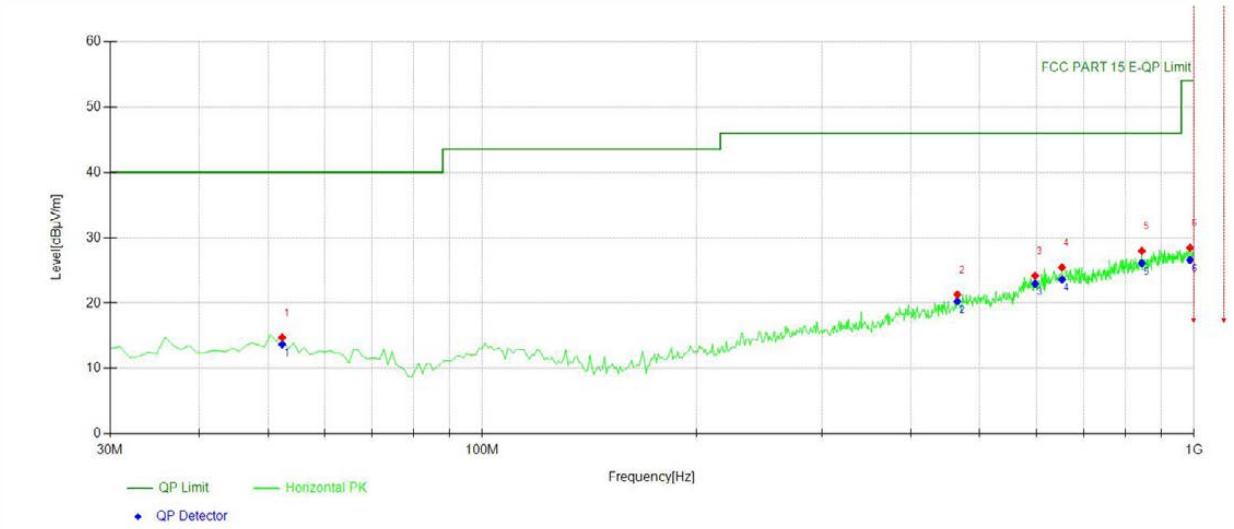
U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6895



Suspected Data List

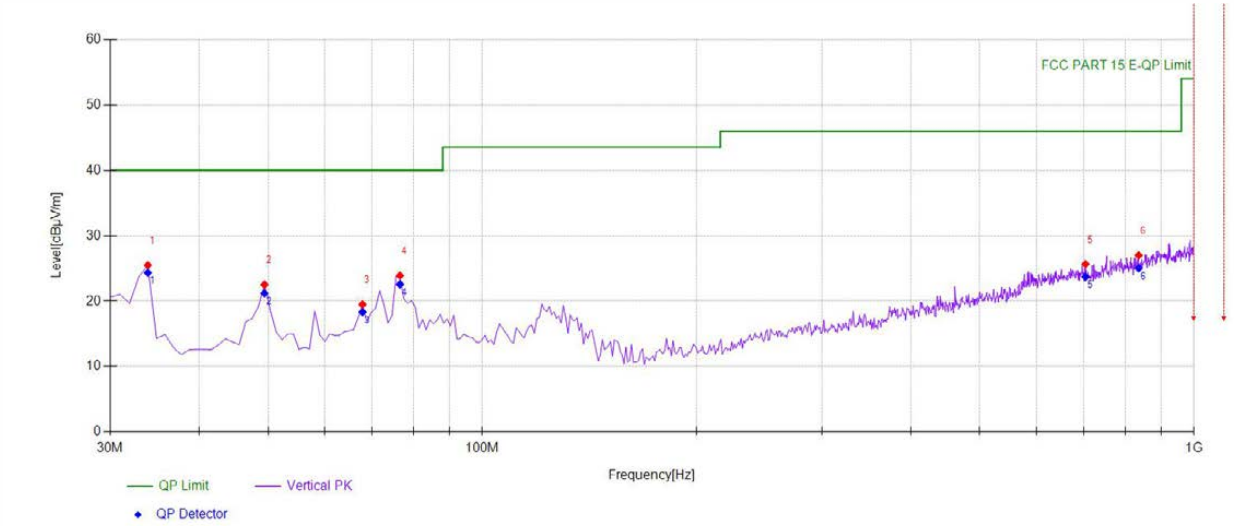
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	30.971	39.79	-18.47	21.32	PK	40.00	18.68	Vertical
2	49.4194	41.42	-17.25	24.17	PK	40.00	15.83	Vertical
3	68.8388	40.04	-19.80	20.24	PK	40.00	19.76	Vertical
4	76.6066	44.34	-20.98	23.36	PK	40.00	16.64	Vertical
5	649.4795	33.05	-6.22	26.83	PK	46.00	19.17	Vertical
6	760.1702	32.28	-5.30	26.98	PK	46.00	19.02	Vertical



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	52.3323	32.27	-17.52	14.75	PK	40.00	25.25	Horizontal
2	464.995	32.06	-10.73	21.33	PK	46.00	24.67	Horizontal
3	598.018	31.31	-7.14	24.17	PK	46.00	21.83	Horizontal
4	652.3924	31.67	-6.20	25.47	PK	46.00	20.53	Horizontal
5	844.6446	31.81	-3.83	27.98	PK	46.00	18.02	Horizontal
6	987.3774	30.19	-1.72	28.47	PK	54.00	25.53	Horizontal

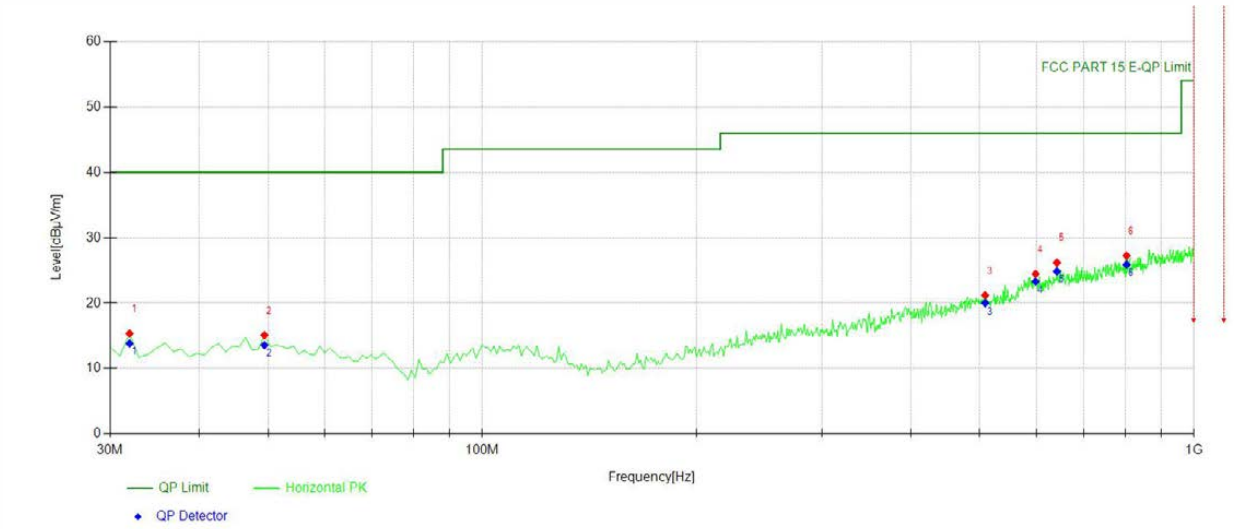
U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6995



Suspected Data List

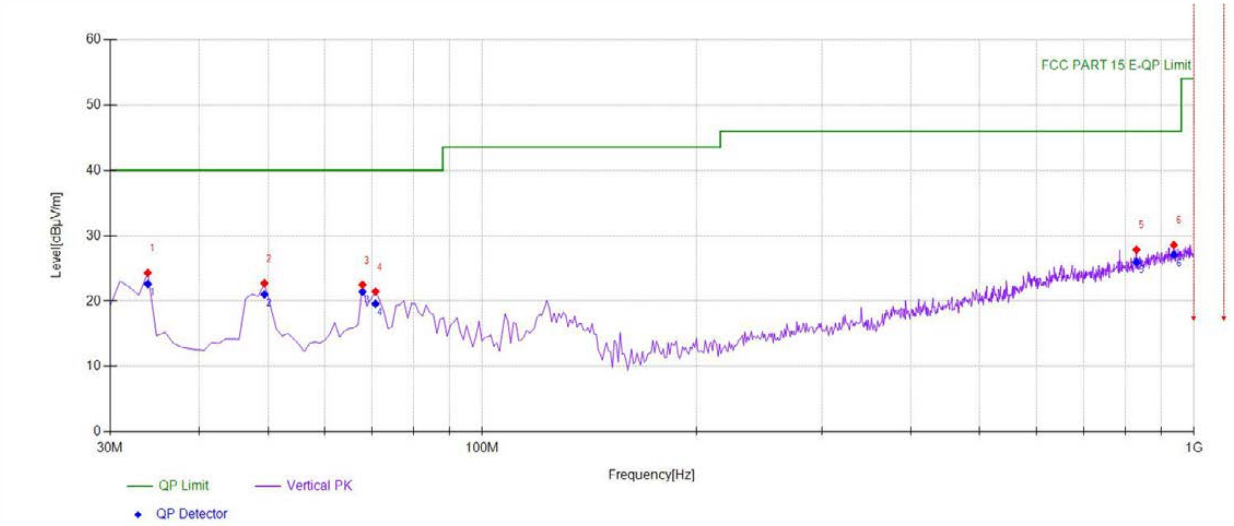
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	33.8839	43.80	-18.29	25.51	PK	40.00	14.49	Vertical
2	49.4194	39.77	-17.25	22.52	PK	40.00	17.48	Vertical
3	67.8679	39.16	-19.66	19.50	PK	40.00	20.50	Vertical
4	76.6066	44.88	-20.98	23.90	PK	40.00	16.10	Vertical
5	703.8539	31.57	-5.90	25.67	PK	46.00	20.33	Vertical
6	835.9059	30.95	-3.96	26.99	PK	46.00	19.01	Vertical



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	31.9419	33.78	-18.41	15.37	PK	40.00	24.63	Horizontal
2	49.4194	32.36	-17.25	15.11	PK	40.00	24.89	Horizontal
3	508.6887	30.98	-9.78	21.20	PK	46.00	24.80	Horizontal
4	598.989	31.62	-7.14	24.48	PK	46.00	21.52	Horizontal
5	641.7117	32.43	-6.24	26.19	PK	46.00	19.81	Horizontal
6	803.8639	31.63	-4.39	27.24	PK	46.00	18.76	Horizontal

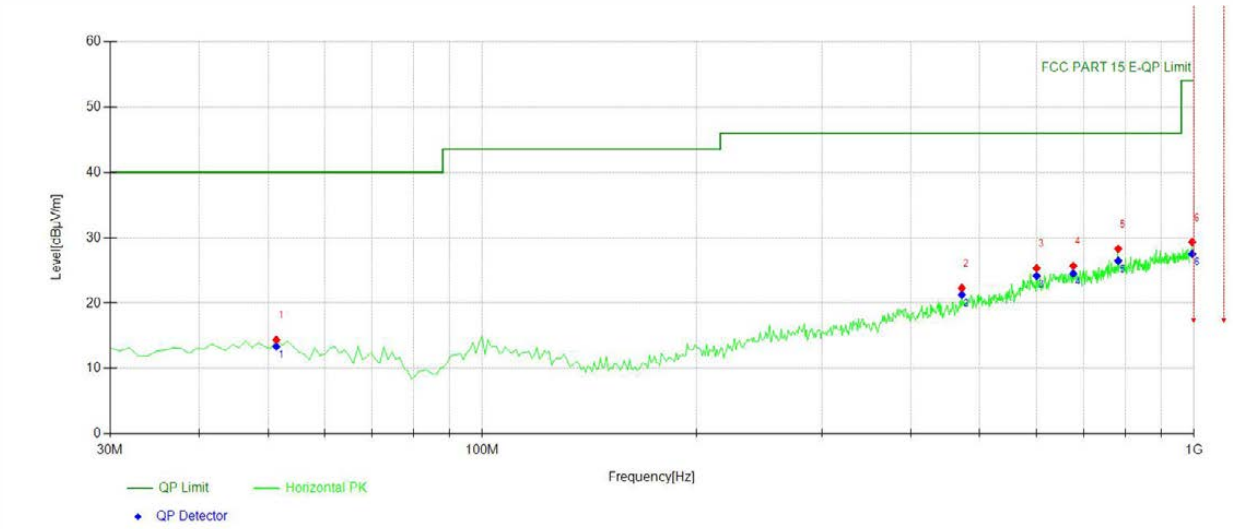
U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 7115



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	33.8839	42.61	-18.29	24.32	PK	40.00	15.68	Vertical
2	49.4194	39.98	-17.25	22.73	PK	40.00	17.27	Vertical
3	67.8679	42.15	-19.66	22.49	PK	40.00	17.51	Vertical
4	70.7808	41.55	-20.08	21.47	PK	40.00	18.53	Vertical
5	830.0801	31.98	-4.12	27.86	PK	46.00	18.14	Vertical
6	936.8869	31.09	-2.50	28.59	PK	46.00	17.41	Vertical



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	51.3614	31.80	-17.39	14.41	PK	40.00	25.59	Horizontal
2	471.7918	32.62	-10.30	22.32	PK	46.00	23.68	Horizontal
3	600.9309	32.48	-7.13	25.35	PK	46.00	20.65	Horizontal
4	676.6667	31.80	-6.11	25.69	PK	46.00	20.31	Horizontal
5	782.5025	32.89	-4.59	28.30	PK	46.00	17.70	Horizontal
6	994.1742	31.05	-1.71	29.34	PK	54.00	24.66	Horizontal

All antennas and modulation modes are tested, the data of the worst mode is described in the table.

8.7 POWER LINE CONDUCTED EMISSIONS

8.7.1 Applicable Standard

According to FCC Part 15.207(a)
According to IC RSS-Gen 8.8

8.7.2 Conformance Limit

	Conducted Emission Limit	
Frequency(MHz)	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.

8.7.3 Test Configuration

Test according to clause 7.3 conducted emission test setup.

8.7.4 Test Procedure

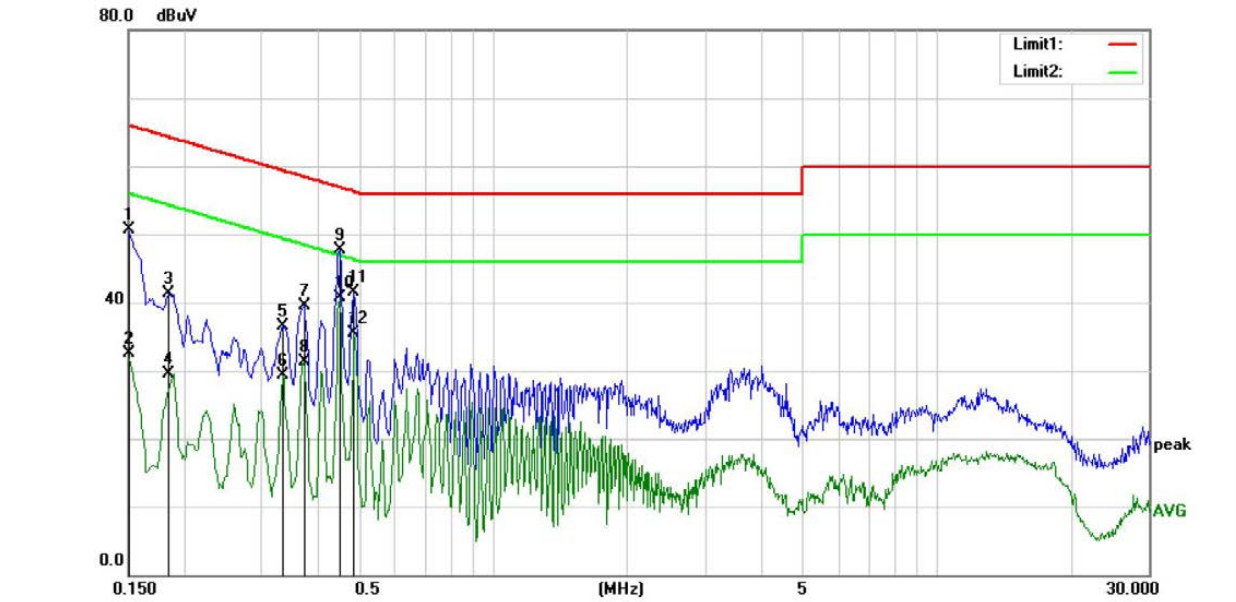
The EUT was placed on a table which is 0.8m above ground plane.
Maximum procedure was performed on the highest emissions to ensure EUT compliance.
Repeat above procedures until all frequency measured were complete.

8.7.5 Test Results

PASS

Temperature :	21.9℃	ATM Pressure:	1011 mbar
Humidity :	58 %	Test Engineer:	CSL

The AC120V &240V voltage have been tested, and the worst result of AC120V was report as below.



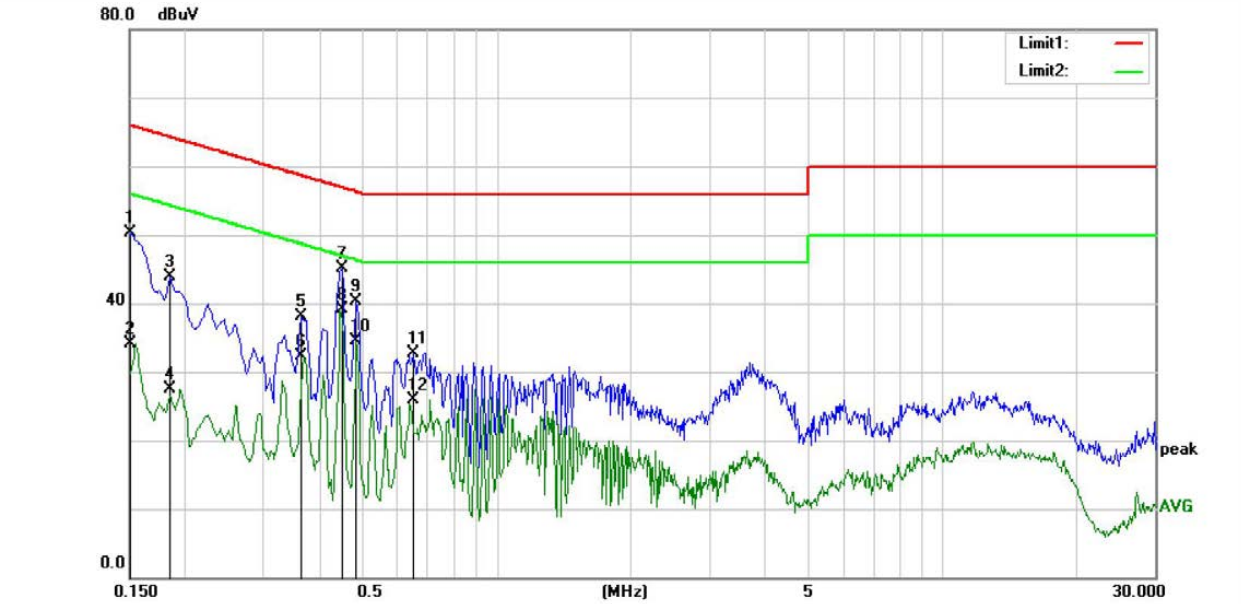
Site Conduction #1 Phase: N Temperature: 20.8

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 61 %

Mode: WIFI6G

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	41.19	9.51	50.70	66.00	-15.30	QP	
2		0.1500	22.97	9.51	32.48	56.00	-23.52	AVG	
3		0.1844	31.29	9.92	41.21	64.29	-23.08	QP	
4		0.1844	19.60	9.92	29.52	54.29	-24.77	AVG	
5		0.3336	26.61	9.96	36.57	59.36	-22.79	QP	
6		0.3336	19.41	9.96	29.37	49.36	-19.99	AVG	
7		0.3730	29.65	9.88	39.53	58.43	-18.90	QP	
8		0.3730	21.40	9.88	31.28	48.43	-17.15	AVG	
9		0.4490	37.91	9.75	47.66	56.89	-9.23	QP	
10	*	0.4490	30.88	9.75	40.63	46.89	-6.26	AVG	
11		0.4837	31.83	9.69	41.52	56.28	-14.76	QP	
12		0.4837	25.83	9.69	35.52	46.28	-10.76	AVG	



Site Conduction #1 Phase: L1 Temperature: 20.8

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 61 %

Mode: WIFI6G

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	40.71	9.51	50.22	66.00	-15.78	QP	
2		0.1500	24.63	9.51	34.14	56.00	-21.86	AVG	
3		0.1844	33.96	9.92	43.88	64.29	-20.41	QP	
4		0.1844	17.62	9.92	27.54	54.29	-26.75	AVG	
5		0.3633	28.11	9.90	38.01	58.65	-20.64	QP	
6		0.3633	22.41	9.90	32.31	48.65	-16.34	AVG	
7		0.4490	35.35	9.75	45.10	56.89	-11.79	QP	
8	*	0.4490	29.40	9.75	39.15	46.89	-7.74	AVG	
9		0.4837	30.54	9.69	40.23	56.28	-16.05	QP	
10		0.4837	24.89	9.69	34.58	46.28	-11.70	AVG	
11		0.6471	23.12	9.66	32.78	56.00	-23.22	QP	
12		0.6471	16.30	9.66	25.96	46.00	-20.04	AVG	

8.8 ANTENNA REQUIREMENT

8.8.1 Requirement

Standard	Requirement
FCC CRF Part15.203	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.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

8.8.2 Result

PASS

Temperature :	25℃	ATM Pressure:	1011 mbar
Humidity :	60 %	Test Engineer:	XXH

Note: ☑ Antenna 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)

Please refer to the attached documentInternal Photos to show the antenna connector.

--- End of Report ---

声　明
Statement

1．本报告无授权批准人签字及“检验检测专用章”无效。
This report is invalid without the signature of the authorized approver and "special seal for testing".

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This report shall not be copied partly without authorization.

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6．对本检验报告若有异议，请于收到报告之日起 20 日内提出。
Objections shall be raised within 20 days from the date receiving the report.