

● For U-NII 7

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

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20) **Frequency(MHz):** 6535

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5901.325	53.98	40.28	68.20	14.22	PK	Vertical
2	7135.4825	57.40	44.19	68.20	10.80	PK	Vertical
1	5911.0875	54.04	40.31	68.20	14.16	PK	Horizontal
2	7156.0725	58.27	44.04	68.20	9.93	PK	Horizontal
Note: (1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20) **Frequency(MHz):** 6855

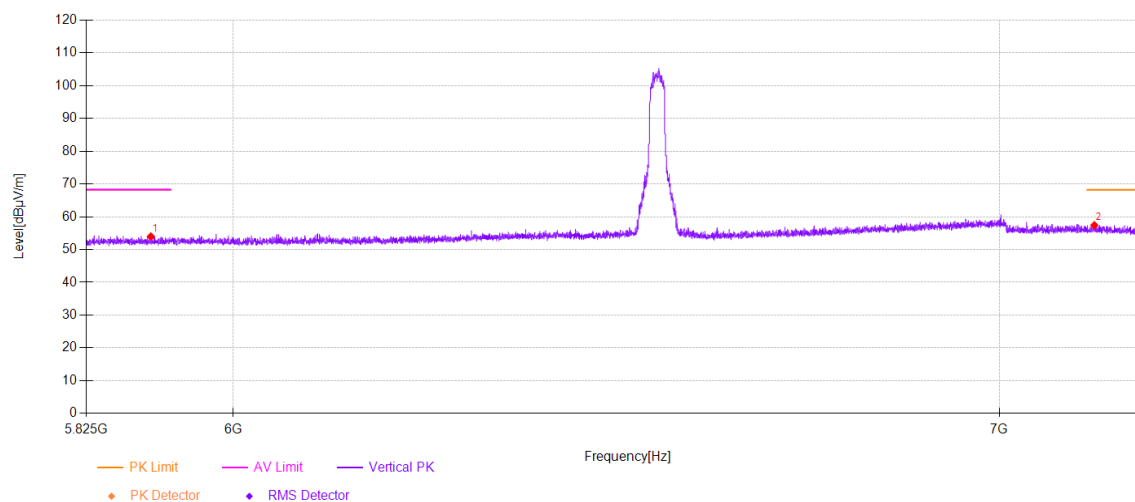
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5907.1825	54.72	40.29	68.20	13.48	PK	Vertical
2	7138.6775	58.04	44.17	68.20	10.16	PK	Vertical
1	5880.38	54.76	40.26	68.20	13.44	PK	Horizontal
2	7144.18	57.65	44.13	68.20	10.55	PK	Horizontal
Note: (1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6535

Ant.Pol: V

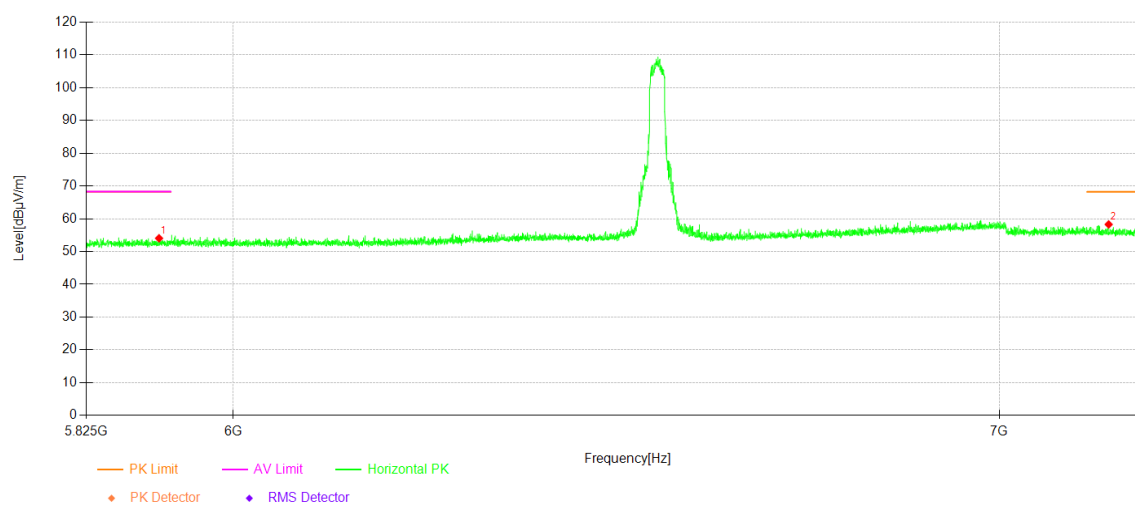


U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6535

Ant.Pol: H

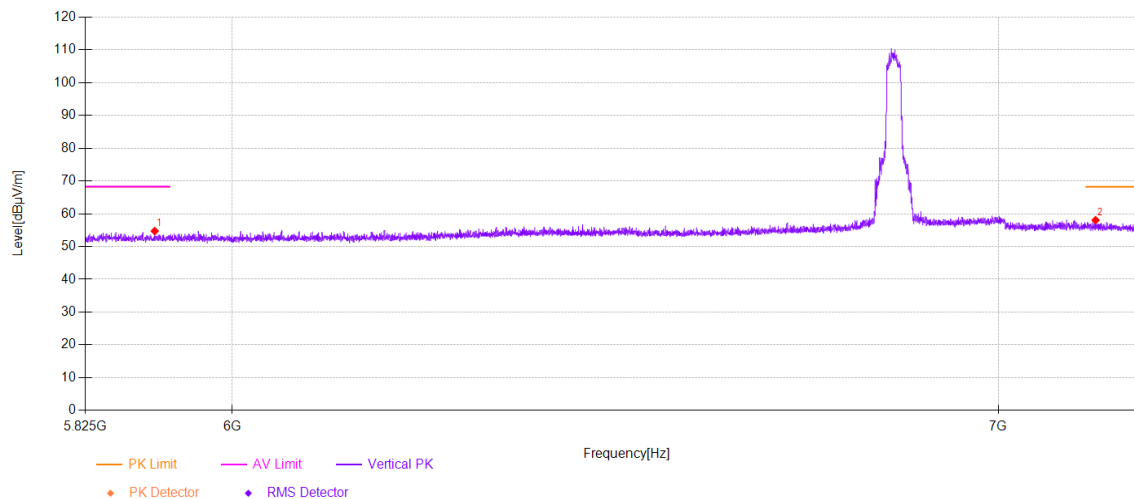


U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6855

Ant.Pol: V

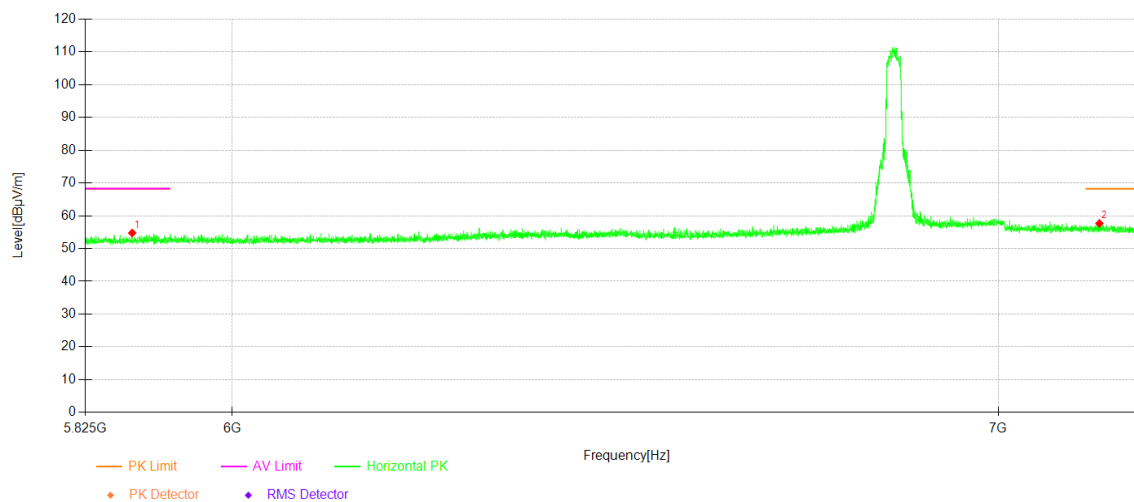


U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6855

Ant.Pol: H



● For U-NII 8

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

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20) **Frequency(MHz):** 6895

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5889.965	54.47	40.27	68.20	13.73	PK	Vertical
2	7137.9675	57.70	44.18	68.20	10.50	PK	Vertical
1	5898.6625	54.23	40.28	68.20	13.97	PK	Horizontal
2	7147.73	57.66	44.11	68.20	10.54	PK	Horizontal
Note: (1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20) **Frequency(MHz):** 7115

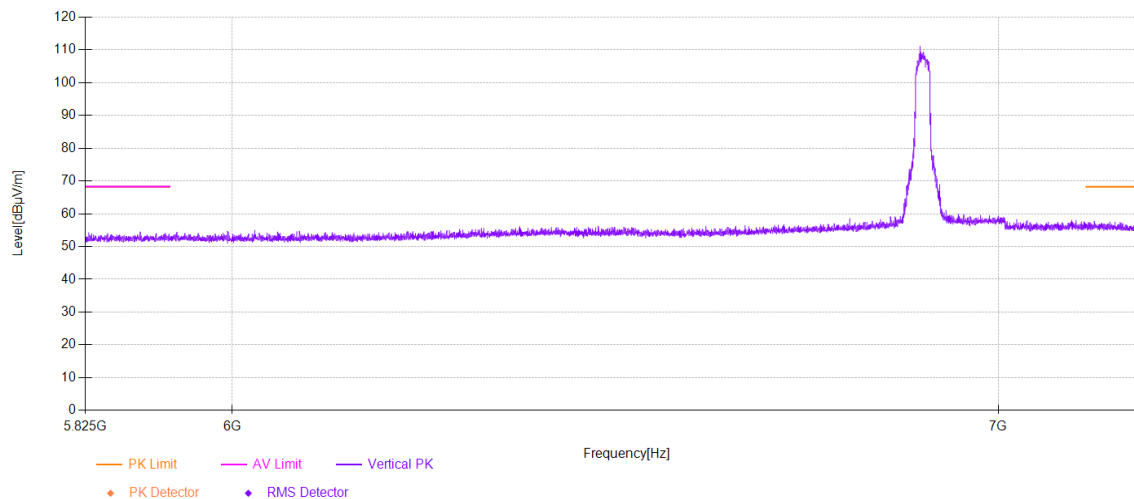
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5900.97	55.13	40.28	68.20	13.07	PK	Vertical
2	7170.6275	58.26	43.90	68.20	9.94	PK	Vertical
1	5921.3825	53.94	40.33	68.20	14.26	PK	Horizontal
2	7155.54	57.95	44.04	68.20	10.25	PK	Horizontal
Note: (1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6895

Ant.Pol: V

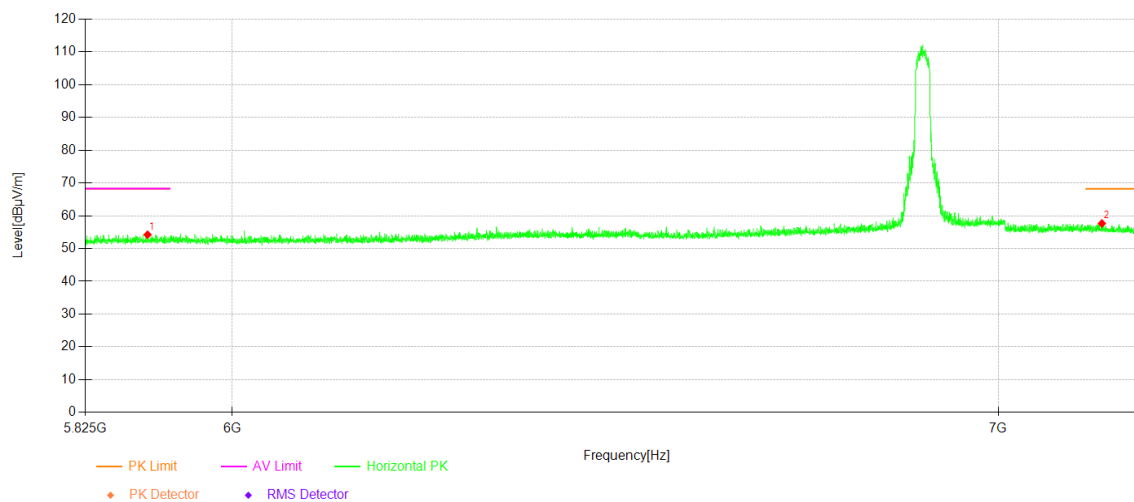


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6895

Ant.Pol: H

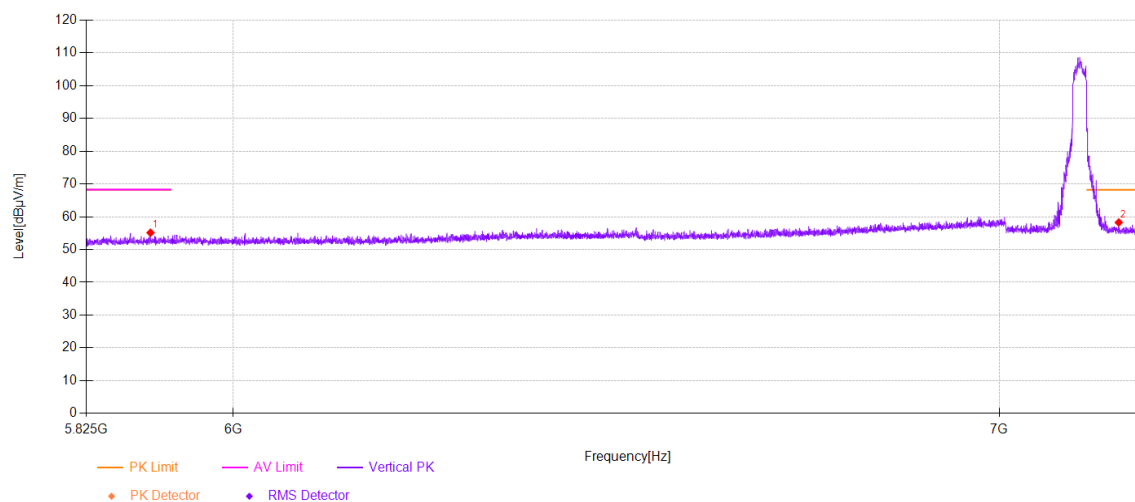


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 7115

Ant.Pol: V

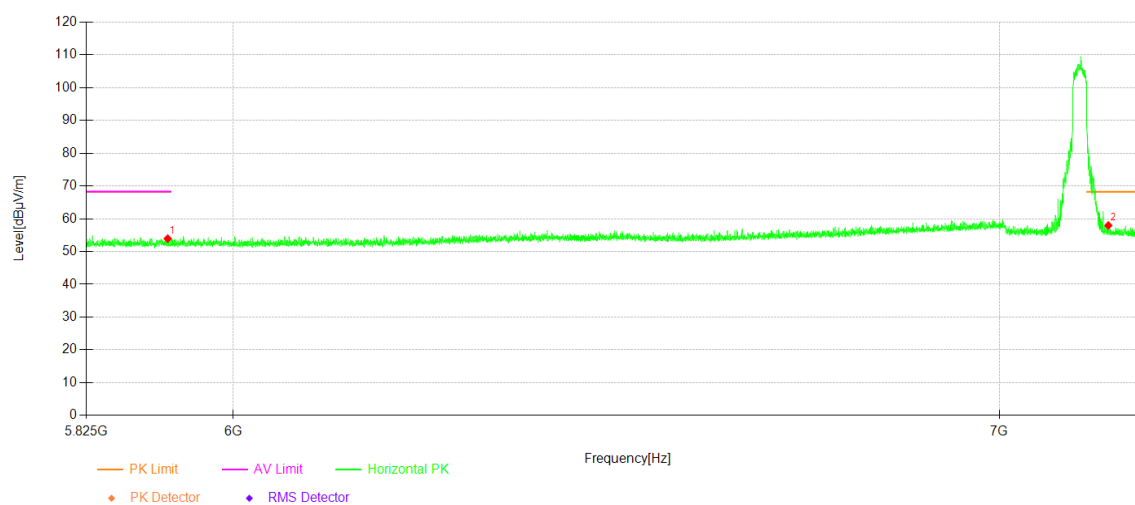


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 7115

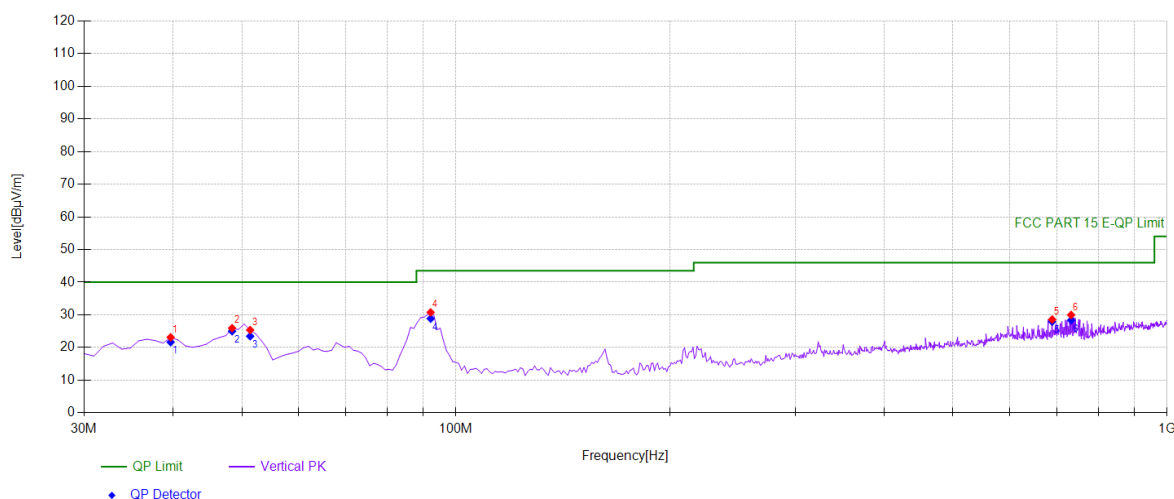
Ant.Pol: H



■ Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)

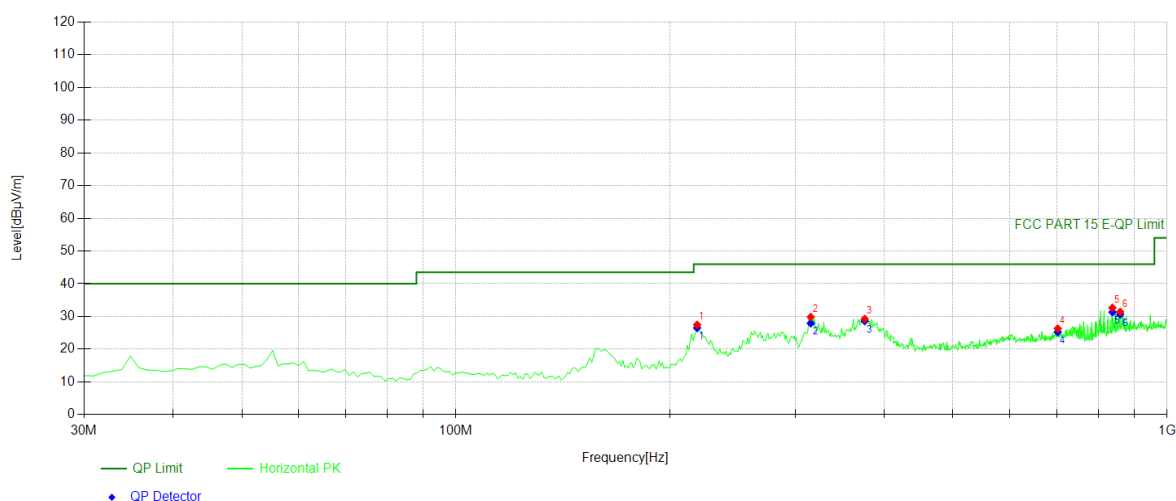
All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 5 Band (5925 ~ 6425MHz)		
Test mode:	802.11a(20)	Frequency(MHz): 5955



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	39.7097	40.66	-17.53	23.13	PK	40.00	16.87	Vertical
2	48.4484	42.24	-16.30	25.94	PK	40.00	14.06	Vertical
3	51.3614	41.64	-16.28	25.36	PK	40.00	14.64	Vertical
4	92.1421	49.25	-18.49	30.76	PK	43.50	12.74	Vertical
5	689.289	35.17	-6.59	28.58	PK	46.00	17.42	Vertical
6	732.983	35.87	-5.89	29.98	PK	46.00	16.02	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	39.7097	-17.53	21.66	40.00	18.34
2	48.4484	-16.30	25.01	40.00	14.99
3	51.3614	-16.28	23.47	40.00	16.53
4	92.1421	-18.49	28.87	43.50	14.63
5	689.2893	-6.59	27.94	46.00	18.06
6	732.983	-5.89	28.38	46.00	17.62



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	218.368	44.03	-16.57	27.46	PK	46.00	18.54	Horizontal
2	315.465	43.59	-13.75	29.84	PK	46.00	16.16	Horizontal
3	375.665	41.06	-11.80	29.26	PK	46.00	16.74	Horizontal
4	701.911	32.49	-6.17	26.32	PK	46.00	19.68	Horizontal
5	837.847	37.39	-4.72	32.67	PK	46.00	13.33	Horizontal
6	859.209	35.24	-3.82	31.42	PK	46.00	14.58	Horizontal

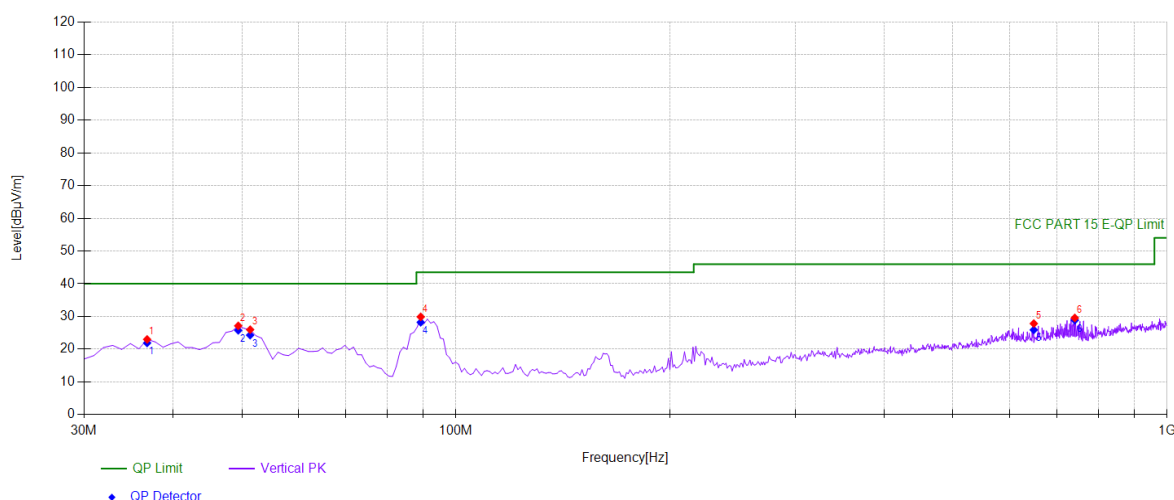
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	218.3684	-16.57	26.51	46.00	19.49
2	315.4655	-13.75	27.93	46.00	18.07
3	375.6657	-11.80	28.60	46.00	17.40
4	701.9119	-6.17	25.24	46.00	20.76
5	837.8478	-4.72	31.34	46.00	14.66
6	859.2092	-3.82	30.63	46.00	15.37

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11a(20)

Frequency(MHz): 6175

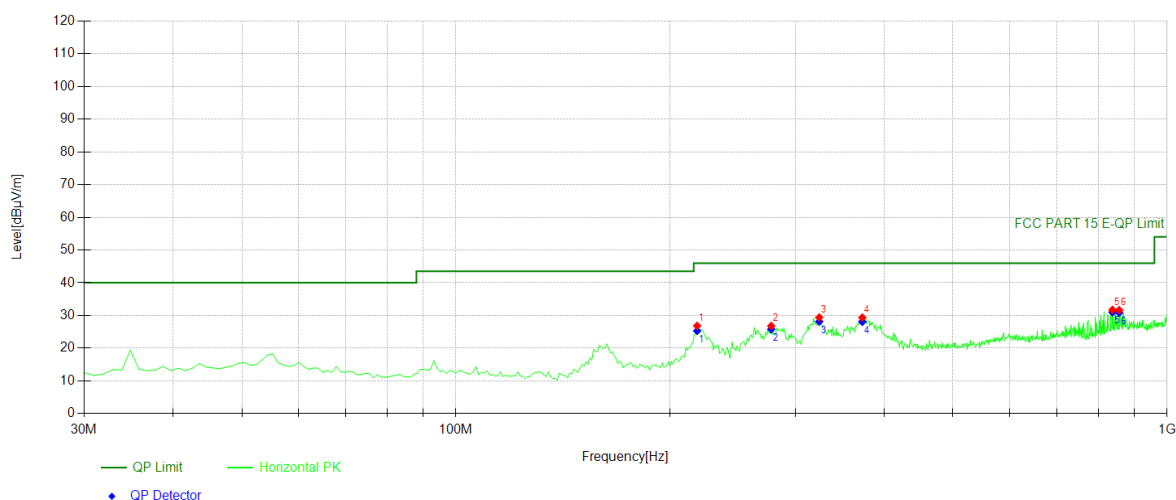


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	36.7968	40.91	-17.91	23.00	PK	40.00	17.00	Vertical
2	49.4194	43.32	-16.17	27.15	PK	40.00	12.85	Vertical
3	51.3614	42.26	-16.28	25.98	PK	40.00	14.02	Vertical
4	89.2292	48.85	-18.95	29.90	PK	43.50	13.60	Vertical
5	649.479	35.11	-7.27	27.84	PK	46.00	18.16	Vertical
6	741.721	35.41	-5.84	29.57	PK	46.00	16.43	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	36.7968	-17.91	21.91	40.00	18.09
2	49.4194	-16.17	25.77	40.00	14.23
3	51.3614	-16.28	24.31	40.00	15.69
4	89.2292	-18.95	28.23	43.50	15.27
5	649.4795	-7.27	25.92	46.00	20.08
6	741.7217	-5.84	28.86	46.00	17.14



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	218.368	43.42	-16.57	26.85	PK	46.00	19.15	Horizontal
2	277.597	41.77	-14.95	26.82	PK	46.00	19.18	Horizontal
3	324.204	42.75	-13.35	29.40	PK	46.00	16.60	Horizontal
4	372.752	41.26	-11.90	29.36	PK	46.00	16.64	Horizontal
5	837.847	36.45	-4.72	31.73	PK	46.00	14.27	Horizontal
6	856.296	35.57	-3.94	31.63	PK	46.00	14.37	Horizontal

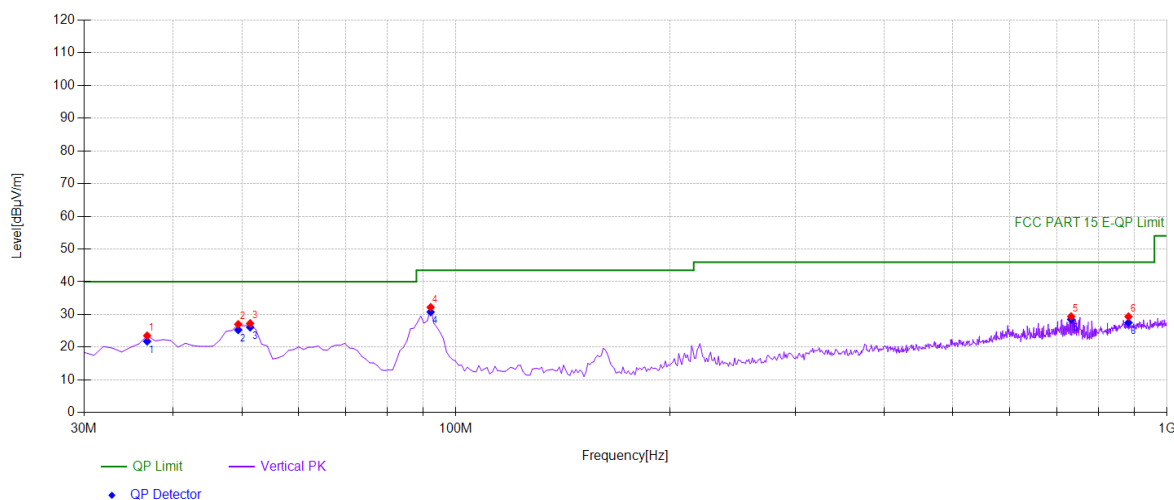
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	218.3684	-16.57	25.29	46.00	20.71
2	277.5976	-14.95	25.80	46.00	20.20
3	324.2042	-13.35	28.13	46.00	17.87
4	372.7528	-11.90	28.09	46.00	17.91
5	837.8478	-4.72	31.00	46.00	15.00
6	856.2963	-3.94	30.90	46.00	15.10

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11a(20)

Frequency(MHz): 6415

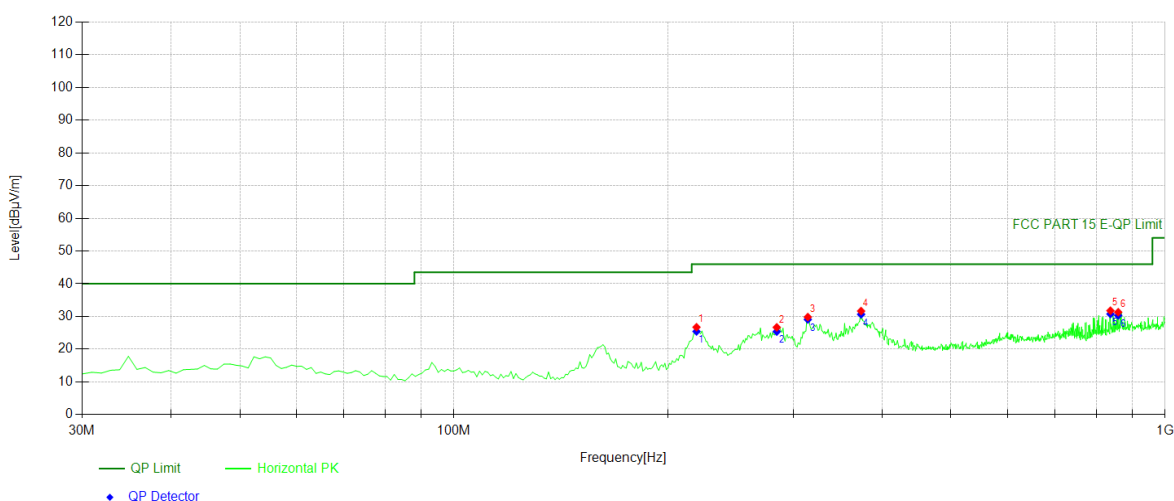


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	36.7968	41.44	-17.91	23.53	PK	40.00	16.47	Vertical
2	49.4194	43.18	-16.17	27.01	PK	40.00	12.99	Vertical
3	51.3614	43.56	-16.28	27.28	PK	40.00	12.72	Vertical
4	92.1421	50.69	-18.49	32.20	PK	43.50	11.30	Vertical
5	732.983	35.29	-5.89	29.40	PK	46.00	16.60	Vertical
6	882.512	33.02	-3.66	29.36	PK	46.00	16.64	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	36.7968	-17.91	21.80	40.00	18.20
2	49.4194	-16.17	25.28	40.00	14.72
3	51.3614	-16.28	26.09	40.00	13.91
4	92.1421	-18.49	30.77	43.50	12.73
5	732.983	-5.89	28.50	46.00	17.50
6	882.5125	-3.66	27.50	46.00	18.50



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	219.339	43.24	-16.51	26.73	PK	46.00	19.27	Horizontal
2	284.394	41.27	-14.58	26.69	PK	46.00	19.31	Horizontal
3	314.494	43.60	-13.77	29.83	PK	46.00	16.17	Horizontal
4	373.723	43.54	-11.87	31.67	PK	46.00	14.33	Horizontal
5	837.847	36.50	-4.72	31.78	PK	46.00	14.22	Horizontal
6	859.209	35.15	-3.82	31.33	PK	46.00	14.67	Horizontal

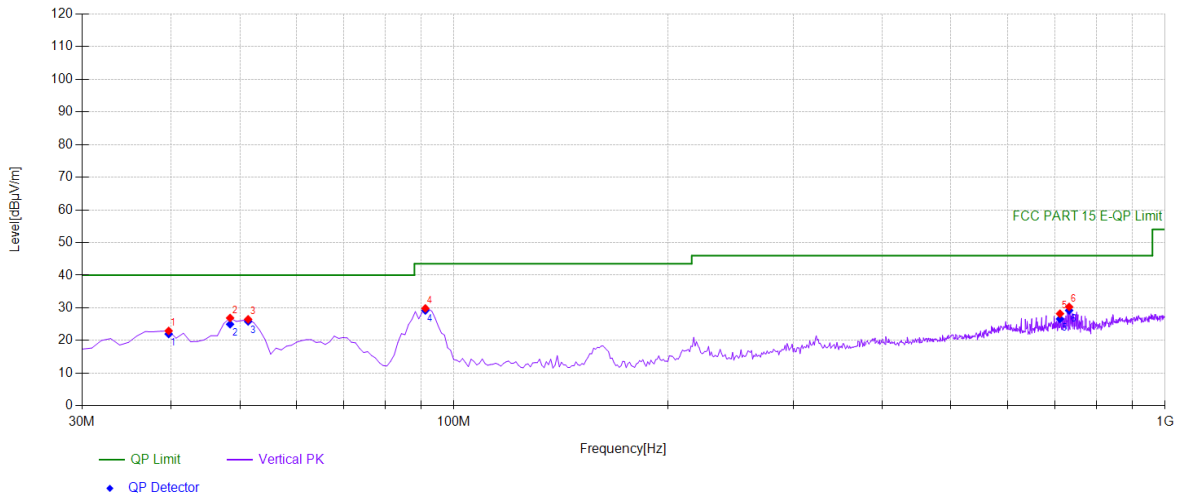
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	219.3393	-16.51	25.43	46.00	20.57
2	284.3944	-14.58	25.39	46.00	20.61
3	314.4945	-13.77	29.07	46.00	16.93
4	373.7237	-11.87	30.66	46.00	15.34
5	837.8478	-4.72	30.77	46.00	15.23
6	859.2092	-3.82	30.32	46.00	15.68

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11a(20)

Frequency(MHz): 6435

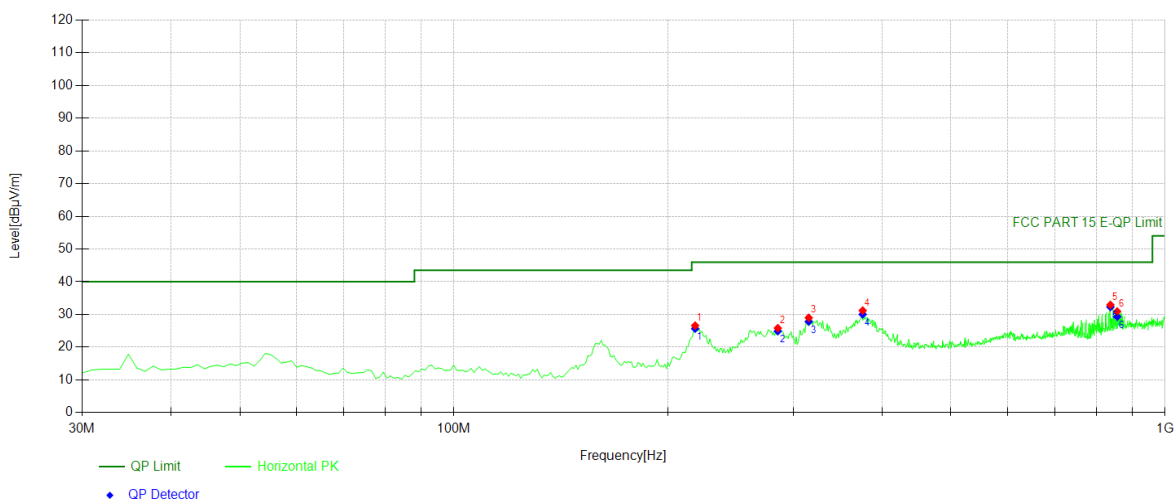


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	39.7097	40.49	-17.53	22.96	PK	40.00	17.04	Vertical
2	48.4484	43.21	-16.30	26.91	PK	40.00	13.09	Vertical
3	51.3614	42.79	-16.28	26.51	PK	40.00	13.49	Vertical
4	91.1712	48.50	-18.65	29.85	PK	43.50	13.65	Vertical
5	711.621	34.35	-6.12	28.23	PK	46.00	17.77	Vertical
6	732.983	36.20	-5.89	30.31	PK	46.00	15.69	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	39.7097	-17.53	22.00	40.00	18.00
2	48.4484	-16.30	24.99	40.00	15.01
3	51.3614	-16.28	25.85	40.00	14.15
4	91.1712	-18.65	29.19	43.50	14.31
5	711.6216	-6.12	26.60	46.00	19.40
6	732.983	-5.89	29.22	46.00	16.78



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	218.368	43.18	-16.57	26.61	PK	46.00	19.39	Horizontal
2	285.365	40.38	-14.54	25.84	PK	46.00	20.16	Horizontal
3	315.465	42.76	-13.75	29.01	PK	46.00	16.99	Horizontal
4	375.665	43.02	-11.80	31.22	PK	46.00	14.78	Horizontal
5	837.847	37.67	-4.72	32.95	PK	46.00	13.05	Horizontal
6	856.296	34.88	-3.94	30.94	PK	46.00	15.06	Horizontal

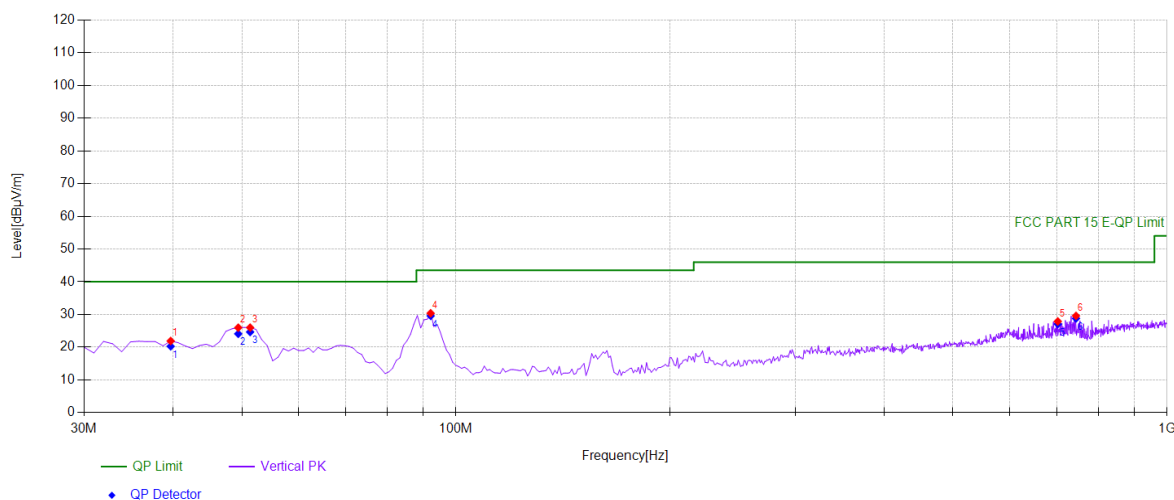
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	218.3684	-16.57	25.68	46.00	20.32
2	285.3654	-14.54	24.91	46.00	21.09
3	315.4655	-13.75	27.84	46.00	18.16
4	375.6657	-11.80	30.05	46.00	15.95
5	837.8478	-4.72	32.31	46.00	13.69
6	856.2963	-3.94	29.34	46.00	16.66

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11a(20)

Frequency(MHz): 6475

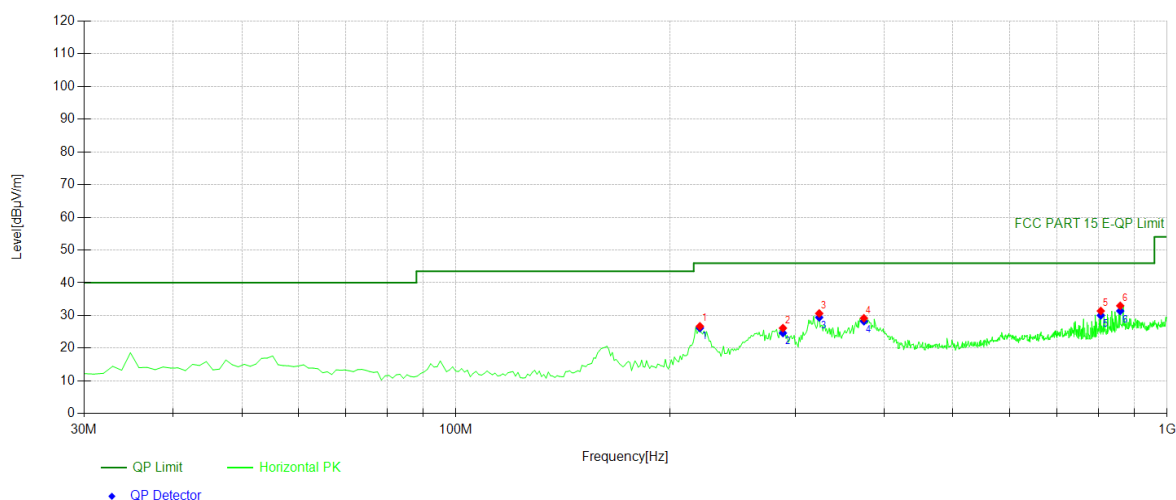


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	39.7097	39.44	-17.53	21.91	PK	40.00	18.09	Vertical
2	49.4194	42.15	-16.17	25.98	PK	40.00	14.02	Vertical
3	51.3614	42.28	-16.28	26.00	PK	40.00	14.00	Vertical
4	92.1421	48.88	-18.49	30.39	PK	43.50	13.11	Vertical
5	701.911	34.06	-6.17	27.89	PK	46.00	18.11	Vertical
6	744.634	35.59	-6.00	29.59	PK	46.00	16.41	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	39.7097	-17.53	20.28	40.00	19.72
2	49.4194	-16.17	24.10	40.00	15.90
3	51.3614	-16.28	24.66	40.00	15.34
4	92.1421	-18.49	29.59	43.50	13.91
5	701.9119	-6.17	27.09	46.00	18.91
6	744.6346	-6.00	28.79	46.00	17.21



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	220.310	43.16	-16.46	26.70	PK	46.00	19.30	Horizontal
2	288.278	40.55	-14.40	26.15	PK	46.00	19.85	Horizontal
3	324.204	43.98	-13.35	30.63	PK	46.00	15.37	Horizontal
4	374.694	41.01	-11.84	29.17	PK	46.00	16.83	Horizontal
5	806.776	36.76	-5.38	31.38	PK	46.00	14.62	Horizontal
6	859.209	36.79	-3.82	32.97	PK	46.00	13.03	Horizontal

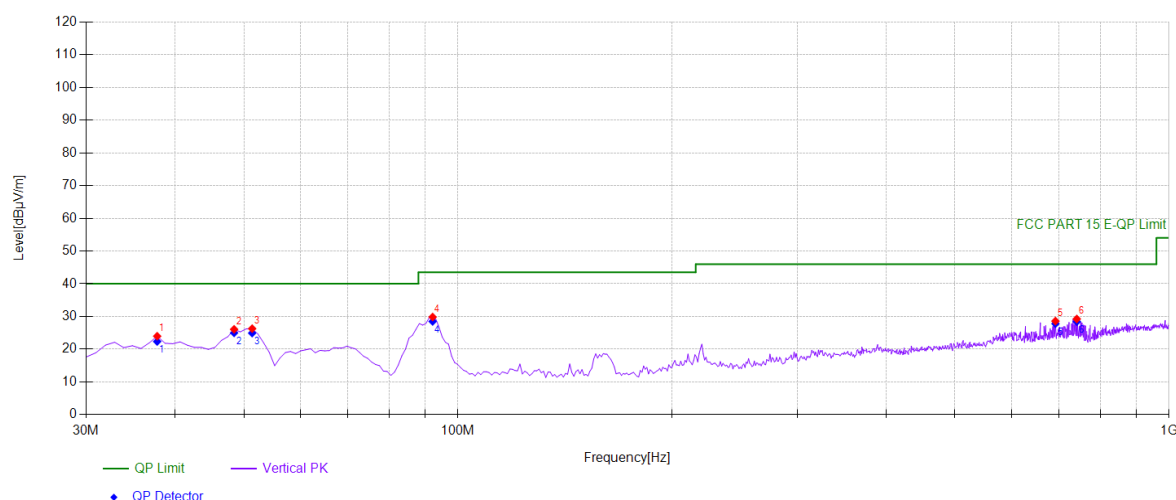
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	220.3103	-16.46	26.16	46.00	19.84
2	288.2783	-14.40	24.65	46.00	21.35
3	324.2042	-13.35	29.42	46.00	16.58
4	374.6947	-11.84	28.25	46.00	17.75
5	806.7768	-5.38	30.04	46.00	15.96
6	859.2092	-3.82	31.39	46.00	14.61

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6515

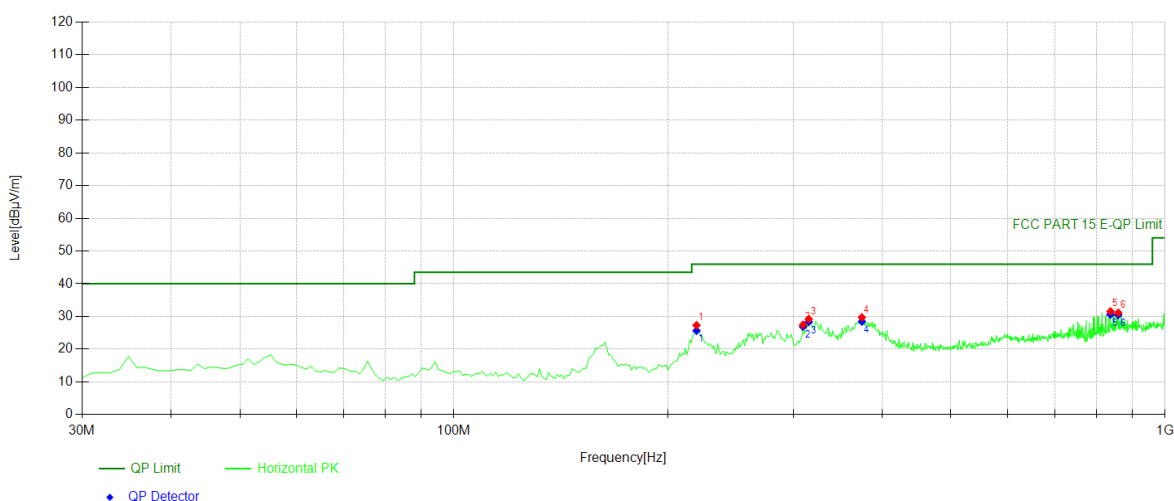


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	37.7678	41.77	-17.78	23.99	PK	40.00	16.01	Vertical
2	48.4484	42.39	-16.30	26.09	PK	40.00	13.91	Vertical
3	51.3614	42.57	-16.28	26.29	PK	40.00	13.71	Vertical
4	92.1421	48.34	-18.49	29.85	PK	43.50	13.65	Vertical
5	692.202	35.07	-6.47	28.60	PK	46.00	17.40	Vertical
6	741.721	35.09	-5.84	29.25	PK	46.00	16.75	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	37.7678	-17.78	22.35	40.00	17.65
2	48.4484	-16.30	24.99	40.00	15.01
3	51.3614	-16.28	24.94	40.00	15.06
4	92.1421	-18.49	28.50	43.50	15.00
5	692.2022	-6.47	27.79	46.00	18.21
6	741.7217	-5.84	28.44	46.00	17.56



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	219.339	43.83	-16.51	27.32	PK	46.00	18.68	Horizontal
2	309.639	41.37	-13.88	27.49	PK	46.00	18.51	Horizontal
3	315.465	42.97	-13.75	29.22	PK	46.00	16.78	Horizontal
4	374.694	41.57	-11.84	29.73	PK	46.00	16.27	Horizontal
5	837.847	36.29	-4.72	31.57	PK	46.00	14.43	Horizontal
6	859.209	34.97	-3.82	31.15	PK	46.00	14.85	Horizontal

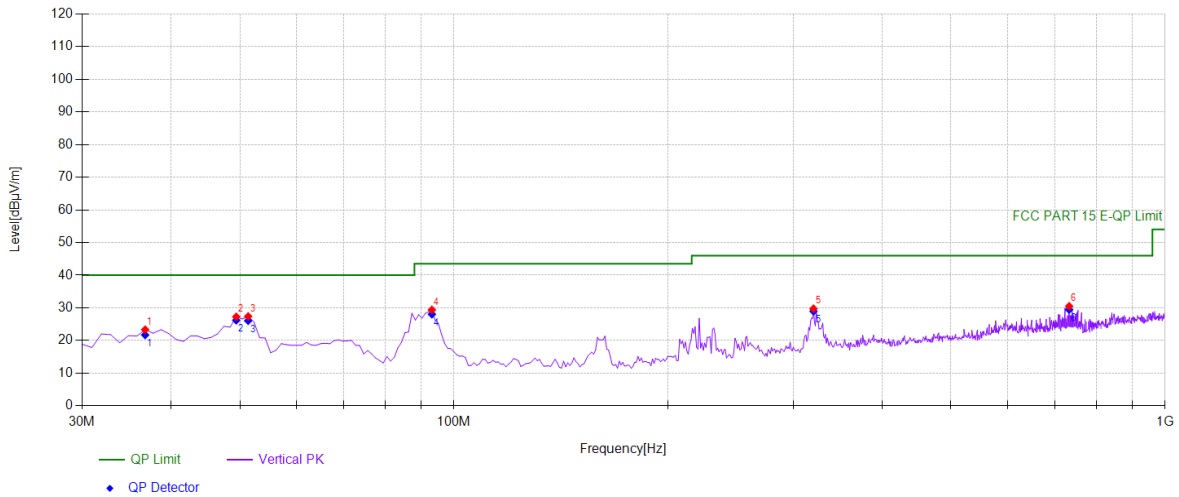
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	219.3393	-16.51	25.65	46.00	20.35
2	309.6396	-13.88	26.90	46.00	19.10
3	315.4655	-13.75	28.38	46.00	17.62
4	374.6947	-11.84	28.47	46.00	17.53
5	837.8478	-4.72	30.60	46.00	15.40
6	859.2092	-3.82	30.47	46.00	15.53

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6535

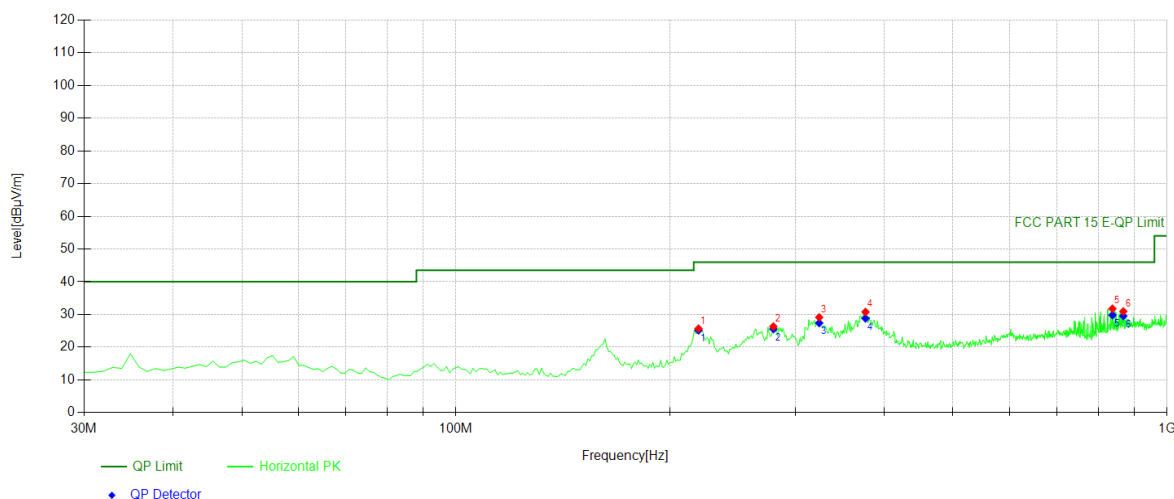


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	36.7968	41.25	-17.91	23.34	PK	40.00	16.66	Vertical
2	49.4194	43.45	-16.17	27.28	PK	40.00	12.72	Vertical
3	51.3614	43.68	-16.28	27.40	PK	40.00	12.60	Vertical
4	93.1131	47.73	-18.33	29.40	PK	43.50	14.10	Vertical
5	320.320	43.39	-13.63	29.76	PK	46.00	16.24	Vertical
6	732.983	36.40	-5.89	30.51	PK	46.00	15.49	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	36.7968	-17.91	21.71	40.00	18.29
2	49.4194	-16.17	26.19	40.00	13.81
3	51.3614	-16.28	26.06	40.00	13.94
4	93.1131	-18.33	28.06	43.50	15.44
5	320.3203	-13.63	28.96	46.00	17.04
6	732.983	-5.89	29.46	46.00	16.54



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	219.339	42.19	-16.51	25.68	PK	46.00	20.32	Horizontal
2	279.539	41.14	-14.82	26.32	PK	46.00	19.68	Horizontal
3	324.204	42.48	-13.35	29.13	PK	46.00	16.87	Horizontal
4	376.636	42.55	-11.77	30.78	PK	46.00	15.22	Horizontal
5	837.847	36.50	-4.72	31.78	PK	46.00	14.22	Horizontal
6	867.947	34.75	-3.80	30.95	PK	46.00	15.05	Horizontal

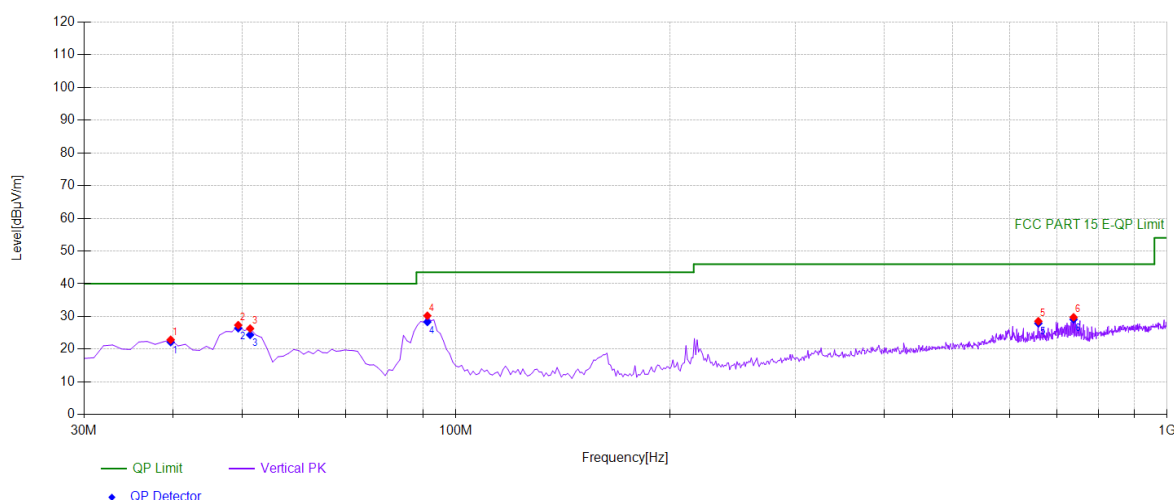
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	219.3393	-16.51	25.17	46.00	20.83
2	279.5395	-14.82	25.56	46.00	20.44
3	324.2042	-13.35	27.41	46.00	18.59
4	376.6366	-11.77	28.82	46.00	17.18
5	837.8478	-4.72	29.82	46.00	16.18
6	867.9479	-3.80	29.53	46.00	16.47

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6695

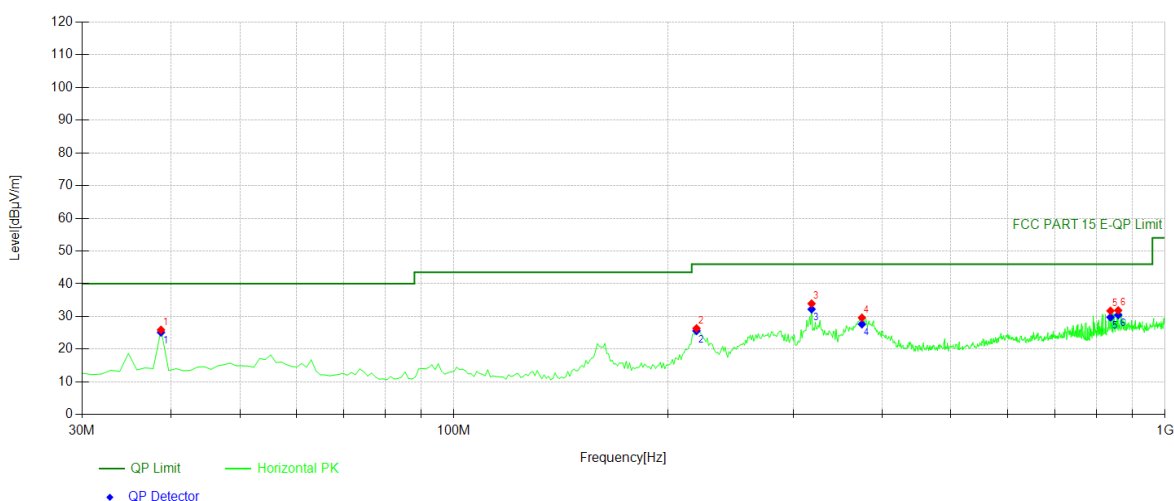


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	39.7097	40.41	-17.53	22.88	PK	40.00	17.12	Vertical
2	49.4194	43.53	-16.17	27.36	PK	40.00	12.64	Vertical
3	51.3614	42.59	-16.28	26.31	PK	40.00	13.69	Vertical
4	91.1712	48.89	-18.65	30.24	PK	43.50	13.26	Vertical
5	659.189	35.55	-6.99	28.56	PK	46.00	17.44	Vertical
6	738.808	35.55	-5.78	29.77	PK	46.00	16.23	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	39.7097	-17.53	22.18	40.00	17.82
2	49.4194	-16.17	26.41	40.00	13.59
3	51.3614	-16.28	24.40	40.00	15.60
4	91.1712	-18.65	28.33	43.50	15.17
5	659.1892	-6.99	27.91	46.00	18.09
6	738.8088	-5.78	29.12	46.00	16.88



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	38.7387	43.57	-17.66	25.91	PK	40.00	14.09	Horizontal
2	219.339	42.88	-16.51	26.37	PK	46.00	19.63	Horizontal
3	318.378	47.62	-13.68	33.94	PK	46.00	12.06	Horizontal
4	374.694	41.46	-11.84	29.62	PK	46.00	16.38	Horizontal
5	837.847	36.45	-4.72	31.73	PK	46.00	14.27	Horizontal
6	859.209	35.69	-3.82	31.87	PK	46.00	14.13	Horizontal

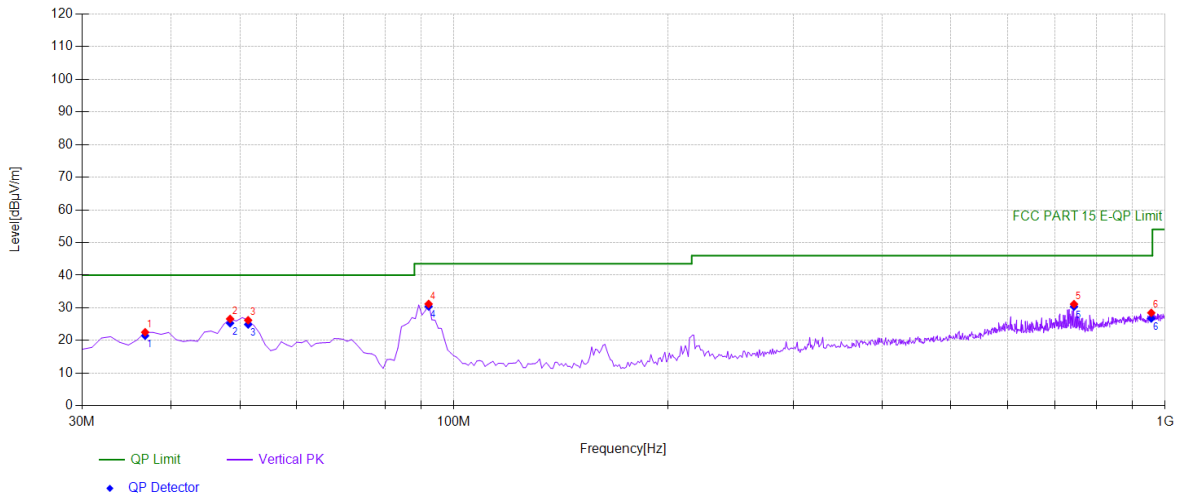
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	38.7387	-17.66	25.15	40.00	14.85
2	219.3393	-16.51	25.61	46.00	20.39
3	318.3784	-13.68	32.22	46.00	13.78
4	374.6947	-11.84	27.65	46.00	18.35
5	837.8478	-4.72	29.76	46.00	16.24
6	859.2092	-3.82	30.44	46.00	15.56

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6855

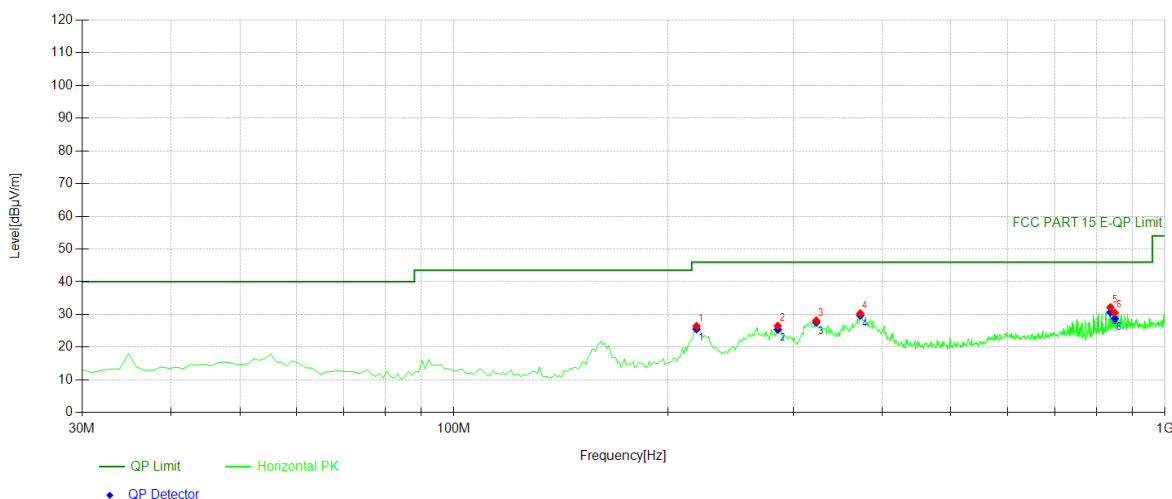


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	36.7968	40.45	-17.91	22.54	PK	40.00	17.46	Vertical
2	48.4484	42.92	-16.30	26.62	PK	40.00	13.38	Vertical
3	51.3614	42.50	-16.28	26.22	PK	40.00	13.78	Vertical
4	92.1421	49.69	-18.49	31.20	PK	43.50	12.30	Vertical
5	744.634	37.16	-6.00	31.16	PK	46.00	14.84	Vertical
6	956.306	31.12	-2.64	28.48	PK	46.00	17.52	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	36.7968	-17.91	21.49	40.00	18.51
2	48.4484	-16.30	25.33	40.00	14.67
3	51.3614	-16.28	24.93	40.00	15.07
4	92.1421	-18.49	30.44	43.50	13.06
5	744.6346	-6.00	30.40	46.00	15.60
6	956.3063	-2.64	26.76	46.00	19.24



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	219.339	42.95	-16.51	26.44	PK	46.00	19.56	Horizontal
2	285.365	41.07	-14.54	26.53	PK	46.00	19.47	Horizontal
3	323.233	41.58	-13.42	28.16	PK	46.00	17.84	Horizontal
4	372.752	42.22	-11.90	30.32	PK	46.00	15.68	Horizontal
5	837.847	36.93	-4.72	32.21	PK	46.00	13.79	Horizontal
6	849.499	34.77	-4.23	30.54	PK	46.00	15.46	Horizontal

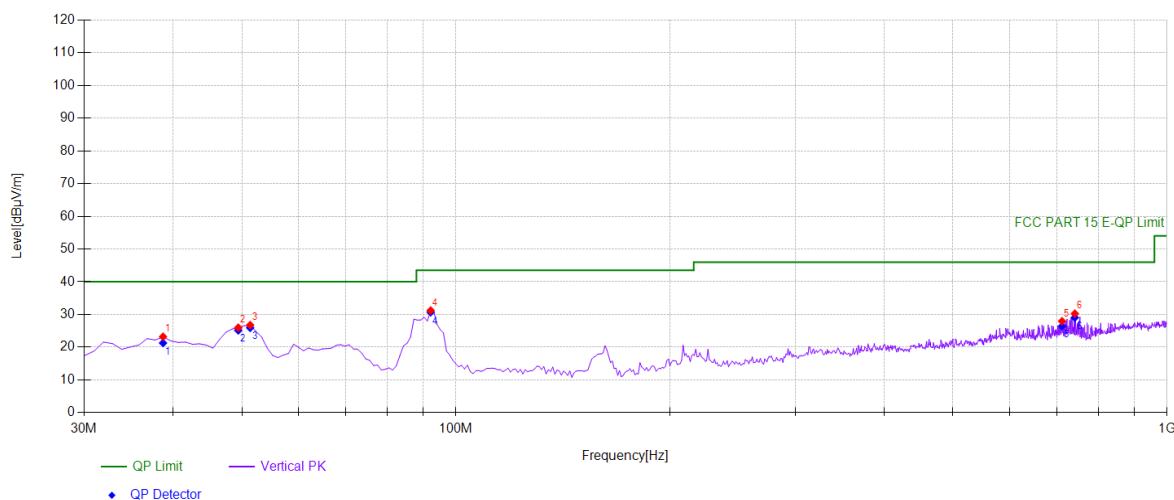
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	219.3393	-16.51	25.55	46.00	20.45
2	285.3654	-14.54	25.40	46.00	20.60
3	323.2332	-13.42	27.56	46.00	18.44
4	372.7528	-11.90	29.72	46.00	16.28
5	837.8478	-4.72	30.65	46.00	15.35
6	849.4995	-4.23	28.74	46.00	17.26

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6895

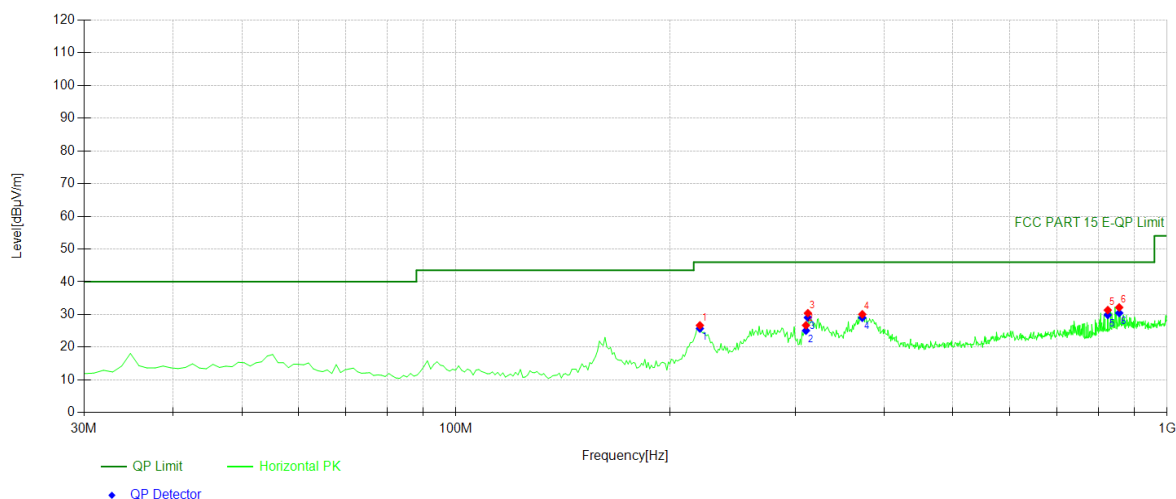


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	38.7387	40.87	-17.66	23.21	PK	40.00	16.79	Vertical
2	49.4194	42.15	-16.17	25.98	PK	40.00	14.02	Vertical
3	51.3614	43.05	-16.28	26.77	PK	40.00	13.23	Vertical
4	92.1421	49.71	-18.49	31.22	PK	43.50	12.28	Vertical
5	711.621	34.07	-6.12	27.95	PK	46.00	18.05	Vertical
6	741.721	36.10	-5.84	30.26	PK	46.00	15.74	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	38.7387	-17.66	21.30	40.00	18.70
2	49.4194	-16.17	25.14	40.00	14.86
3	51.3614	-16.28	25.93	40.00	14.07
4	92.1421	-18.49	30.68	43.50	12.82
5	711.6216	-6.12	26.44	46.00	19.56
6	741.7217	-5.84	29.05	46.00	16.95



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	220.310	43.13	-16.46	26.67	PK	46.00	19.33	Horizontal
2	310.610	40.55	-13.86	26.69	PK	46.00	19.31	Horizontal
3	312.552	44.21	-13.81	30.40	PK	46.00	15.60	Horizontal
4	372.752	41.96	-11.90	30.06	PK	46.00	15.94	Horizontal
5	825.225	36.43	-5.08	31.35	PK	46.00	14.65	Horizontal
6	856.296	36.11	-3.94	32.17	PK	46.00	13.83	Horizontal

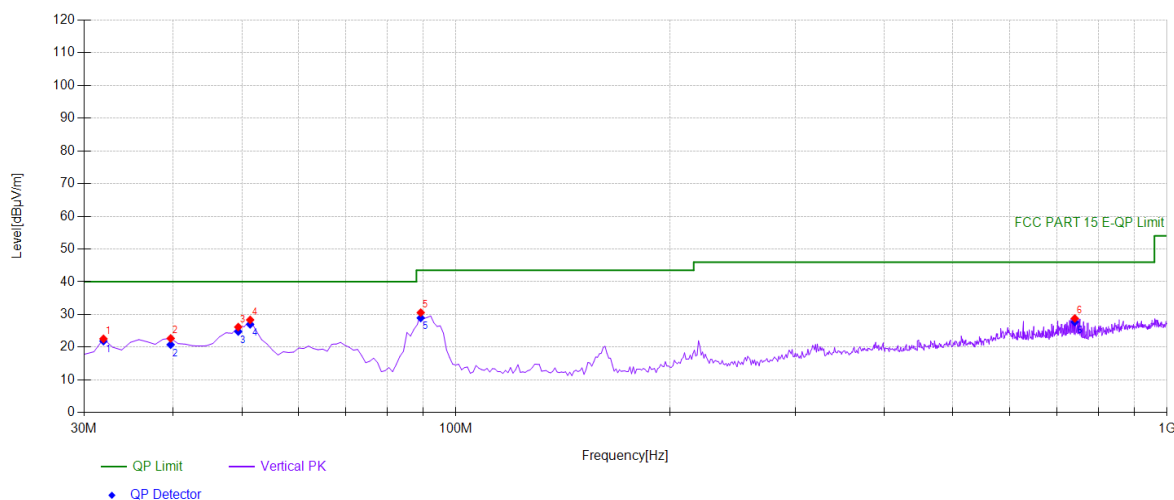
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	220.3103	-16.46	25.70	46.00	20.30
2	310.6106	-13.86	25.06	46.00	20.94
3	312.5526	-13.81	29.06	46.00	16.94
4	372.7528	-11.90	29.01	46.00	16.99
5	825.2252	-5.08	29.88	46.00	16.12
6	856.2963	-3.94	30.45	46.00	15.55

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6995

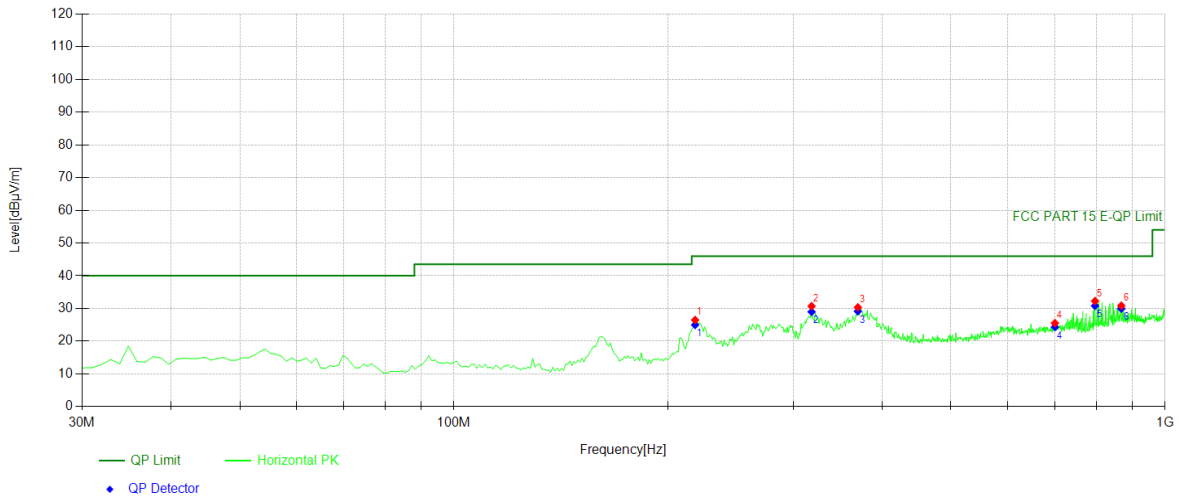


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	31.9419	41.12	-18.55	22.57	PK	40.00	17.43	Vertical
2	39.7097	40.22	-17.53	22.69	PK	40.00	17.31	Vertical
3	49.4194	42.34	-16.17	26.17	PK	40.00	13.83	Vertical
4	51.3614	44.64	-16.28	28.36	PK	40.00	11.64	Vertical
5	89.2292	49.52	-18.95	30.57	PK	43.50	12.93	Vertical
6	741.721	34.62	-5.84	28.78	PK	46.00	17.22	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	31.9419	-18.55	21.87	40.00	18.13
2	39.7097	-17.53	20.78	40.00	19.22
3	49.4194	-16.17	24.80	40.00	15.20
4	51.3614	-16.28	26.99	40.00	13.01
5	89.2292	-18.95	28.95	43.50	14.55
6	741.7217	-5.84	27.70	46.00	18.30



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	218.368	43.05	-16.57	26.48	PK	46.00	19.52	Horizontal
2	318.378	44.40	-13.68	30.72	PK	46.00	15.28	Horizontal
3	369.839	42.34	-11.98	30.36	PK	46.00	15.64	Horizontal
4	699.97	31.72	-6.19	25.53	PK	46.00	20.47	Horizontal
5	797.067	38.00	-5.73	32.27	PK	46.00	13.73	Horizontal
6	867.947	34.65	-3.80	30.85	PK	46.00	15.15	Horizontal

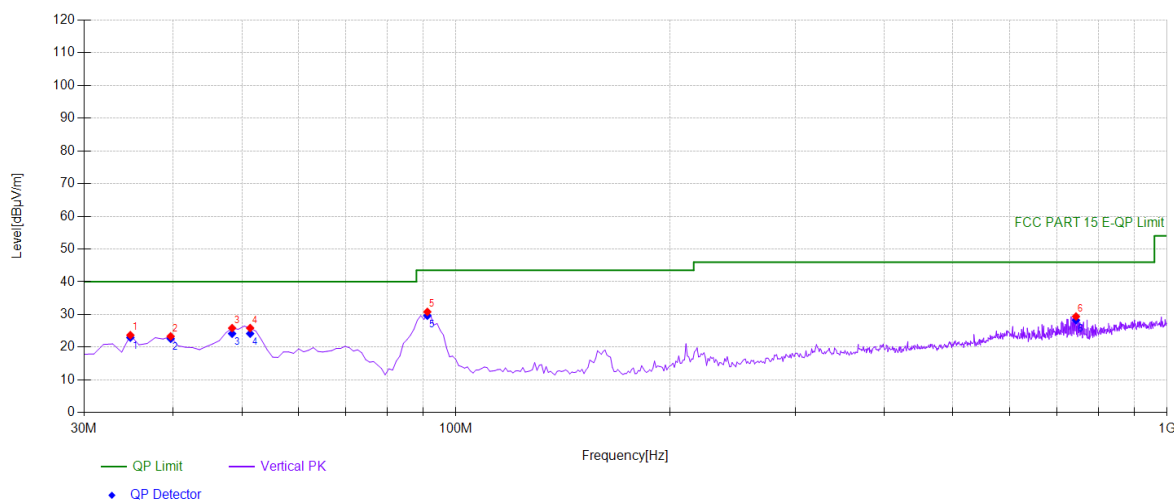
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	218.3684	-16.57	24.99	46.00	21.01
2	318.3784	-13.68	28.98	46.00	17.02
3	369.8398	-11.98	29.16	46.00	16.84
4	699.97	-6.19	24.33	46.00	21.67
5	797.0671	-5.73	30.82	46.00	15.18
6	867.9479	-3.80	29.94	46.00	16.06

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 7115

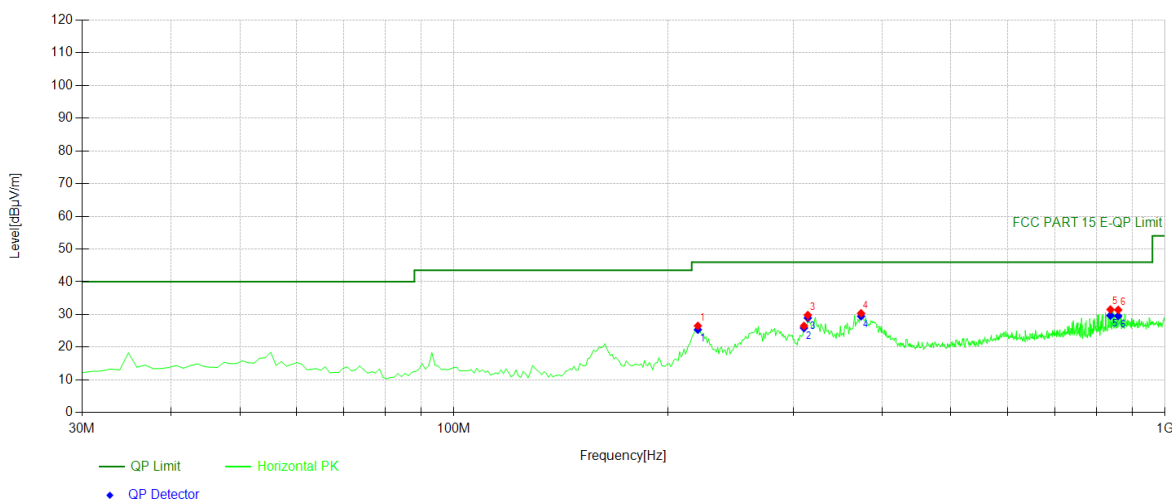


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	34.8549	41.84	-18.16	23.68	PK	40.00	16.32	Vertical
2	39.7097	40.85	-17.53	23.32	PK	40.00	16.68	Vertical
3	48.4484	42.15	-16.30	25.85	PK	40.00	14.15	Vertical
4	51.3614	42.13	-16.28	25.85	PK	40.00	14.15	Vertical
5	91.1712	49.45	-18.65	30.80	PK	43.50	12.70	Vertical
6	744.634	35.40	-6.00	29.40	PK	46.00	16.60	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	34.8549	-18.16	22.95	40.00	17.05
2	39.7097	-17.53	22.59	40.00	17.41
3	48.4484	-16.30	24.16	40.00	15.84
4	51.3614	-16.28	24.16	40.00	15.84
5	91.1712	-18.65	29.65	43.50	13.85
6	744.6346	-6.00	28.25	46.00	17.75



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	220.310	42.99	-16.46	26.53	PK	46.00	19.47	Horizontal
2	310.610	40.37	-13.86	26.51	PK	46.00	19.49	Horizontal
3	314.494	43.59	-13.77	29.82	PK	46.00	16.18	Horizontal
4	373.723	42.23	-11.87	30.36	PK	46.00	15.64	Horizontal
5	837.847	36.25	-4.72	31.53	PK	46.00	14.47	Horizontal
6	859.209	35.22	-3.82	31.40	PK	46.00	14.60	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	220.3103	-16.46	25.35	46.00	20.65
2	310.6106	-13.86	25.87	46.00	20.13
3	314.4945	-13.77	28.93	46.00	17.07
4	373.7237	-11.87	29.47	46.00	16.53
5	837.8478	-4.72	29.68	46.00	16.32
6	859.2092	-3.82	29.55	46.00	16.45

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

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.

8.7.3 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.

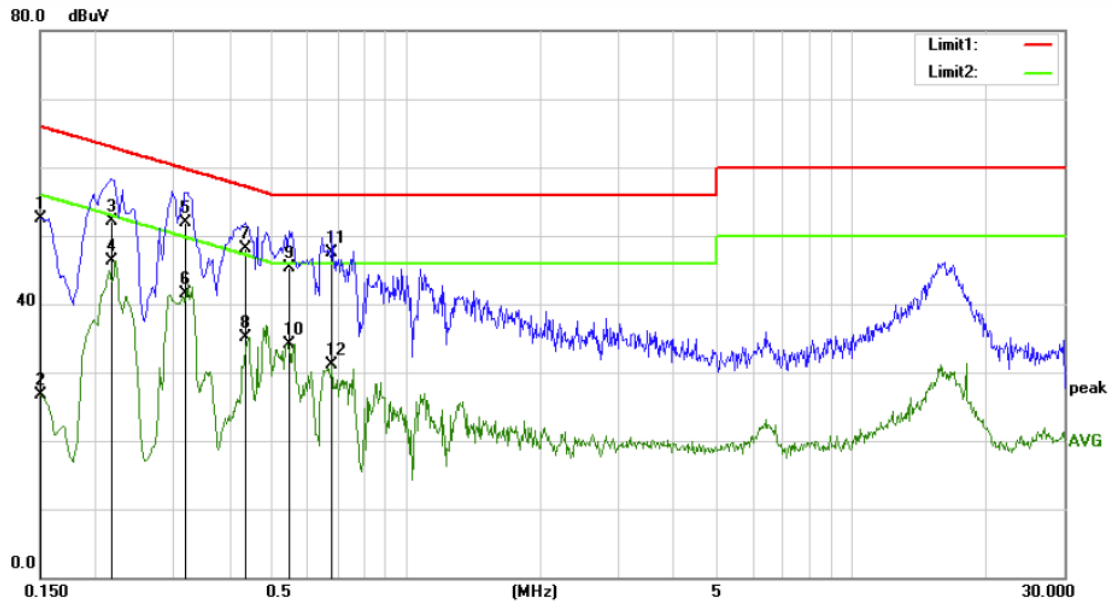
Repeat above procedures until all frequency measured were complete.

8.7.5 Test Results

PASS

Temperature :	25.1℃	ATM Pressure:	1011 mbar
Humidity :	45%	Test Engineer:	CSL

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



Site Conduction #1

Phase: **L1**

Temperature: 25.4

Limit: (CE)FCC PART 15 class B_QP

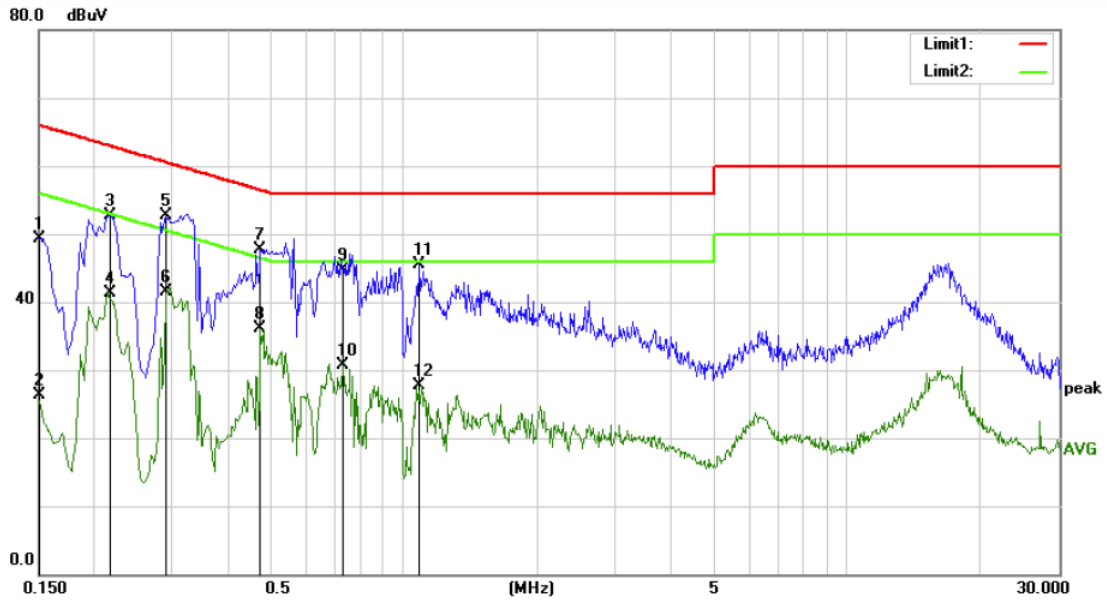
Power: AC 120V/60Hz

Humidity: 51 %

Mode: 5G 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	42.62	9.93	52.55	66.00	-13.45	QP	
2		0.1500	16.86	9.93	26.79	56.00	-29.21	AVG	
3		0.2180	42.19	9.91	52.10	62.89	-10.79	QP	
4	*	0.2180	36.39	9.91	46.30	52.89	-6.59	AVG	
5		0.3183	41.98	9.92	51.90	59.75	-7.85	QP	
6		0.3183	31.66	9.92	41.58	49.75	-8.17	AVG	
7		0.4340	38.30	9.90	48.20	57.18	-8.98	QP	
8		0.4340	25.28	9.90	35.18	47.18	-12.00	AVG	
9		0.5460	35.36	9.94	45.30	56.00	-10.70	QP	
10		0.5460	24.23	9.94	34.17	46.00	-11.83	AVG	
11		0.6820	37.55	9.95	47.50	56.00	-8.50	QP	
12		0.6820	21.07	9.95	31.02	46.00	-14.98	AVG	



Site: Conduction #1

Phase: **N**

Temperature: 25.4

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 51 %

Mode: 5G 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	39.47	9.93	49.40	66.00	-16.60	QP	
2		0.1500	16.43	9.93	26.36	56.00	-29.64	AVG	
3		0.2180	42.71	9.91	52.62	62.89	-10.27	QP	
4		0.2180	31.44	9.91	41.35	52.89	-11.54	AVG	
5	*	0.2900	42.72	9.92	52.64	60.52	-7.88	QP	
6		0.2900	31.63	9.92	41.55	50.52	-8.97	AVG	
7		0.4740	37.84	9.92	47.76	56.44	-8.68	QP	
8		0.4740	26.09	9.92	36.01	46.44	-10.43	AVG	
9		0.7300	34.66	9.96	44.62	56.00	-11.38	QP	
10		0.7300	20.76	9.96	30.72	46.00	-15.28	AVG	
11		1.0860	35.50	10.01	45.51	56.00	-10.49	QP	
12		1.0860	17.74	10.01	27.75	46.00	-18.25	AVG	

8.8 ANTENNA REQUIREMENT

8.8.1 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.
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 :	45 %	Test Engineer:	XXH

The EUT is Integrated Antenna, antenna gain is Ant1: 4.95dBi, Ant2: 6.78dBi.

- ☒ 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 document Internal Photos to show the antenna connector.

Detail of factor for radiated emission

Frequency(MHz)	Ant_F(dB)	Cab_L(dB)	Preamp(dB)	Correct Factor(dB)
0.009	20.6	0.03	\	20.63
0.15	20.7	0.1	\	20.8
1	20.9	0.15	\	21.05
10	20.1	0.28	\	20.38
30	18.8	0.45	\	19.25
30	11.7	0.62	27.9	-15.58
100	12.5	1.02	27.8	-14.28
300	12.9	1.91	27.5	-12.69
600	19.2	2.92	27	-4.88
800	21.1	3.54	26.6	-1.96
1000	22.3	4.17	26.2	0.27
1000	25.6	1.76	41.4	-14.04
3000	28.9	3.27	43.2	-11.03
5000	31.1	4.2	44.6	-9.3
8000	36.2	5.95	44.7	-2.55
10000	38.4	6.3	43.9	0.8
12000	38.5	7.14	42.3	3.34
15000	40.2	8.15	41.4	6.95
18000	45.4	9.02	41.3	13.12
18000	37.9	1.81	47.9	-8.19
21000	37.9	1.95	48.7	-8.85
25000	39.3	2.01	42.8	-1.49
28000	39.6	2.16	46.0	-4.24
31000	41.2	2.24	44.5	-1.06
34000	41.5	2.29	46.6	-2.81
37000	43.8	2.30	46.4	-0.3
40000	43.2	2.50	42.2	3.5

--- 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。
1. This report is invalid without the signature of the authorized approver and "special seal for testing".
2. 未经许可本报告不得部分复制。
2. This report shall not be copied partly without authorization.
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3. The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the sample and authenticity of the material.
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5. The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, EMTEK shall not assume any responsibility.
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。
6. Objections shall be raised within 20 days from the date receiving the report.