

■ Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

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: 802.11n(20) Frequency(MHz): 5955

Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8307.81	59.04	-0.53	74.00	14.96	PK	Vertical	100
2	9910.99	61.09	1.78	74.00	12.91	PK	Vertical	120
3	17681.2	67.71	13.56	74.00	6.29	PK	Vertical	180

AV Final Data List							
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8307.815	41.81	54.00	12.19	AV	Vertical	105
2	9910.995	40.56	54.00	13.44	AV	Vertical	129
3	17681.23	49.12	54.00	4.88	AV	Vertical	170

Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8408.12	57.96	-0.52	74.00	16.04	PK	Horizontal	105
2	11699.4	62.71	4.94	74.00	11.29	PK	Horizontal	129
3	17870.7	67.51	11.90	74.00	6.49	PK	Horizontal	178

AV Final Data List							
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8408.120	42.26	54.00	11.74	AV	Horizontal	105
2	11699.48	43.42	54.00	10.58	AV	Horizontal	150
3	17870.79	47.02	54.00	6.98	AV	Horizontal	170

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6175

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8405.57	58.89	-0.49	74.00	15.11	PK	Vertical	109
2	11310.1	63.34	5.21	74.00	10.66	PK	Vertical	129
3	17143.1	67.63	13.69	74.00	6.37	PK	Vertical	170

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8405.570	42.20	54.00	11.80	AV	Vertical	105
2	11310.16	43.78	54.00	10.22	AV	Vertical	159
3	17143.15	48.71	54.00	5.29	AV	Vertical	178

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8311.21	59.42	-0.53	74.00	14.58	PK	Horizontal	120
2	11877.1	62.18	5.52	74.00	11.82	PK	Horizontal	155
3	17274.9	67.11	12.99	74.00	6.89	PK	Horizontal	178

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8311.215	41.58	54.00	12.42	AV	Horizontal	119
2	11877.14	43.73	54.00	10.27	AV	Horizontal	129
3	17274.91	48.55	54.00	5.45	AV	Horizontal	172

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6415

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8344.36	58.51	-0.45	74.00	15.49	PK	Vertical	110
2	11679.9	62.27	4.82	74.00	11.73	PK	Vertical	129
3	17055.6	67.08	13.44	74.00	6.92	PK	Vertical	170

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8344.367	42.33	54.00	11.67	AV	Vertical	117
2	11679.93	43.60	54.00	10.40	AV	Vertical	129
3	17055.60	48.97	54.00	5.03	AV	Vertical	180

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8330.76	58.53	-0.48	74.00	15.47	PK	Horizontal	119
2	11106.1	62.30	6.35	74.00	11.70	PK	Horizontal	129
3	17813.8	67.22	12.71	74.00	6.78	PK	Horizontal	170

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8330.766	42.23	54.00	11.77	AV	Horizontal	112
2	11106.15	44.70	54.00	9.30	AV	Horizontal	130
3	17813.84	48.37	54.00	5.63	AV	Horizontal	172

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6435

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8292.51	58.97	-0.76	74.00	15.03	PK	Vertical	135
2	10094.6	60.31	3.89	74.00	13.69	PK	Vertical	201
3	17935.3	67.25	13.09	74.00	6.75	PK	Vertical	110

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8292.514	41.63	54.00	12.37	AV	Vertical	138
2	10094.60	42.81	54.00	11.19	AV	Vertical	205
3	17935.39	48.60	54.00	5.40	AV	Vertical	115

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8298.46	58.98	-0.59	74.00	15.02	PK	Horizontal	130
2	13138.6	66.34	9.80	74.00	7.66	PK	Horizontal	190
3	17897.1	67.26	11.53	74.00	6.74	PK	Horizontal	109

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8298.464	41.55	54.00	12.45	AV	Horizontal	141
2	13138.60	48.78	54.00	5.22	AV	Horizontal	199
3	17897.14	46.99	54.00	7.01	AV	Horizontal	120

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6475

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8352.86	58.27	-0.44	74.00	15.73	PK	Vertical	145
2	11088.3	62.48	6.21	74.00	11.52	PK	Vertical	180
3	17969.3	67.82	14.64	74.00	6.18	PK	Vertical	125

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8352.867	41.95	54.00	12.05	AV	Vertical	150
2	11088.30	44.73	54.00	9.27	AV	Vertical	185
3	17969.39	50.51	54.00	3.49	AV	Vertical	130

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8307.81	58.69	-0.53	74.00	15.31	PK	Horizontal	148
2	11098.5	62.70	6.38	74.00	11.30	PK	Horizontal	191
3	17336.1	66.66	12.85	74.00	7.34	PK	Horizontal	130

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8307.815	41.58	54.00	12.42	AV	Horizontal	151
2	11098.50	44.45	54.00	9.55	AV	Horizontal	185
3	17336.11	48.80	54.00	5.20	AV	Horizontal	125

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6515

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8326.51	58.39	-0.49	74.00	15.61	PK	Vertical	130
2	10070.8	60.21	3.28	74.00	13.79	PK	Vertical	178
3	17948.9	67.57	13.71	74.00	6.43	PK	Vertical	119

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8326.516	41.99	54.00	12.01	AV	Vertical	139
2	10070.80	41.54	54.00	12.46	AV	Vertical	180
3	17948.99	49.41	54.00	4.59	AV	Vertical	110

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8263.61	58.73	-1.58	74.00	15.27	PK	Horizontal	139
2	13136.9	65.65	9.79	74.00	8.35	PK	Horizontal	180
3	17312.3	67.57	12.67	74.00	6.43	PK	Horizontal	110

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8263.613	40.73	54.00	13.27	AV	Horizontal	136
2	13136.90	48.40	54.00	5.60	AV	Horizontal	183
3	17312.31	47.80	54.00	6.20	AV	Horizontal	121

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6535

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8303.56	59.01	-0.54	74.00	14.99	PK	Vertical	139
2	11821.0	62.60	5.74	74.00	11.40	PK	Vertical	110
3	17671.8	67.39	13.73	74.00	6.61	PK	Vertical	150

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8303.565	42.17	54.00	11.83	AV	Vertical	128
2	11821.04	44.30	54.00	9.70	AV	Vertical	118
3	17671.88	48.76	54.00	5.24	AV	Vertical	159

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8287.41	58.43	-0.91	74.00	15.57	PK	Horizontal	130
2	11716.4	63.08	5.09	74.00	10.92	PK	Horizontal	110
3	17695.6	67.96	13.30	74.00	6.04	PK	Horizontal	168

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8287.414	42.00	54.00	12.00	AV	Horizontal	141
2	11716.48	43.39	54.00	10.61	AV	Horizontal	128
3	17695.68	48.71	54.00	5.29	AV	Horizontal	160

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6695

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8354.56	58.97	-0.44	74.00	15.03	PK	Vertical	140
2	11755.5	62.66	5.43	74.00	11.34	PK	Vertical	119
3	17965.9	67.84	14.48	74.00	6.16	PK	Vertical	141

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8354.567	42.05	54.00	11.95	AV	Vertical	145
2	11755.58	44.26	54.00	9.74	AV	Vertical	116
3	17965.99	50.04	54.00	3.96	AV	Vertical	139

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8318.86	58.29	-0.51	74.00	15.71	PK	Horizontal	133
2	10960.7	62.37	4.64	74.00	11.63	PK	Horizontal	110
3	17542.6	66.99	14.83	74.00	7.01	PK	Horizontal	131

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8318.865	42.16	54.00	11.84	AV	Horizontal	140
2	10960.79	43.23	54.00	10.77	AV	Horizontal	115
3	17542.67	50.66	54.00	3.34	AV	Horizontal	130

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6855

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8340.11	58.88	-0.46	74.00	15.12	PK	Vertical	122
2	11103.6	62.52	6.37	74.00	11.48	PK	Vertical	130
3	17608.9	67.96	14.88	74.00	6.04	PK	Vertical	156

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8340.117	42.52	54.00	11.48	AV	Vertical	120
2	11103.60	44.71	54.00	9.29	AV	Vertical	138
3	17608.98	49.99	54.00	4.01	AV	Vertical	150

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8321.41	58.84	-0.51	74.00	15.16	PK	Horizontal	120
2	11102.7	63.16	6.38	74.00	10.84	PK	Horizontal	138
3	17730.5	66.65	13.12	74.00	7.35	PK	Horizontal	150

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8321.416	42.22	54.00	11.78	AV	Horizontal	128
2	11102.75	45.11	54.00	8.89	AV	Horizontal	150
3	17730.53	48.53	54.00	5.47	AV	Horizontal	132

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6895

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8314.61	58.49	-0.52	74.00	15.51	PK	Vertical	151
2	10116.7	60.61	3.81	74.00	13.39	PK	Vertical	136
3	17625.9	67.24	14.56	74.00	6.76	PK	Vertical	150

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8314.615	42.44	54.00	11.56	AV	Vertical	160
2	10116.70	42.37	54.00	11.63	AV	Vertical	150
3	17625.98	49.92	54.00	4.08	AV	Vertical	120

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8333.31	58.01	-0.47	74.00	15.99	PK	Horizontal	167
2	11111.2	62.77	6.30	74.00	11.23	PK	Horizontal	150
3	17705.0	67.79	13.20	74.00	6.21	PK	Horizontal	120

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8333.316	41.56	54.00	12.44	AV	Horizontal	160
2	11111.255	44.55	54.00	9.45	AV	Horizontal	155
3	17705.03	48.51	54.00	5.49	AV	Horizontal	123

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6995

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8418.32	59.31	-0.63	74.00	14.69	PK	Vertical	166
2	11100.2	63.08	6.41	74.00	10.92	PK	Vertical	131
3	17513.7	67.39	14.72	74.00	6.61	PK	Vertical	100

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8418.320	41.37	54.00	12.63	AV	Vertical	155
2	11100.20	44.59	54.00	9.41	AV	Vertical	129
3	17513.77	50.04	54.00	3.96	AV	Vertical	101

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8367.31	58.59	-0.44	74.00	15.41	PK	Horizontal	169
2	11080.6	63.05	6.08	74.00	10.95	PK	Horizontal	130
3	16965.4	66.46	13.43	74.00	7.54	PK	Horizontal	105

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	8367.318	42.36	54.00	11.64	AV	Horizontal	156
2	11080.65	44.75	54.00	9.25	AV	Horizontal	135
3	16965.49	48.62	54.00	5.38	AV	Horizontal	100

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

b

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.
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U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 7115

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10092.9	60.51	3.85	74.00	13.49	PK	Vertical	148
2	13150.5	65.52	9.83	74.00	8.48	PK	Vertical	137
3	17546.0	66.92	14.84	74.00	7.08	PK	Vertical	105

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10092.90	45.92	54.00	8.08	AV	Vertical	146
2	13150.50	48.73	54.00	5.27	AV	Vertical	130
3	17546.07	50.34	54.00	3.66	AV	Vertical	110

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10078.4	61.22	3.48	74.00	12.78	PK	Horizontal	140
2	14529.2	65.36	10.78	74.00	8.64	PK	Horizontal	120
3	17010.5	67.45	13.63	74.00	6.55	PK	Horizontal	105

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10078.45	45.82	54.00	8.18	AV	Horizontal	150
2	14529.27	49.05	54.00	4.95	AV	Horizontal	120
3	17010.55	49.18	54.00	4.82	AV	Horizontal	100

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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.
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■ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

● For U-NII 5

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: 802.11n(20) Frequency(MHz): 5955

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5918.1875	55.55	41.01	68.20	12.65	PK	Vertical
2	7135.305	59.22	44.35	68.20	8.98	PK	Vertical
1	5913.5725	56.22	40.99	68.20	11.98	PK	Horizontal
2	7128.915	58.95	44.24	68.20	9.25	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 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20) Frequency(MHz): 6415

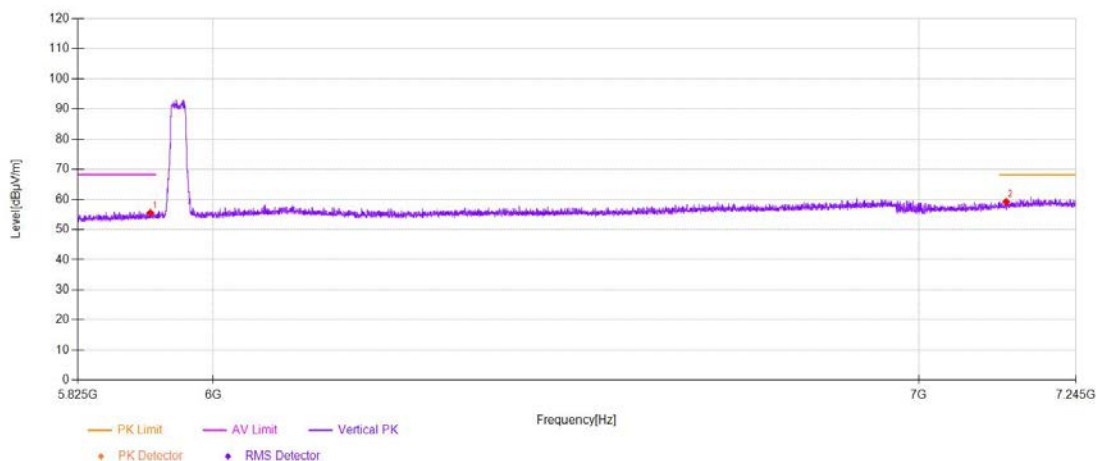
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5922.8025	55.73	41.02	68.20	12.47	PK	Vertical
2	7137.79	58.85	44.39	68.20	9.35	PK	Vertical
1	5921.205	55.53	41.01	68.20	12.67	PK	Horizontal
2	7134.4175	59.53	44.33	68.20	8.67	PK	Horizontal
Note: (1) Peak RBW = 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 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 5955

Ant.Pol: V

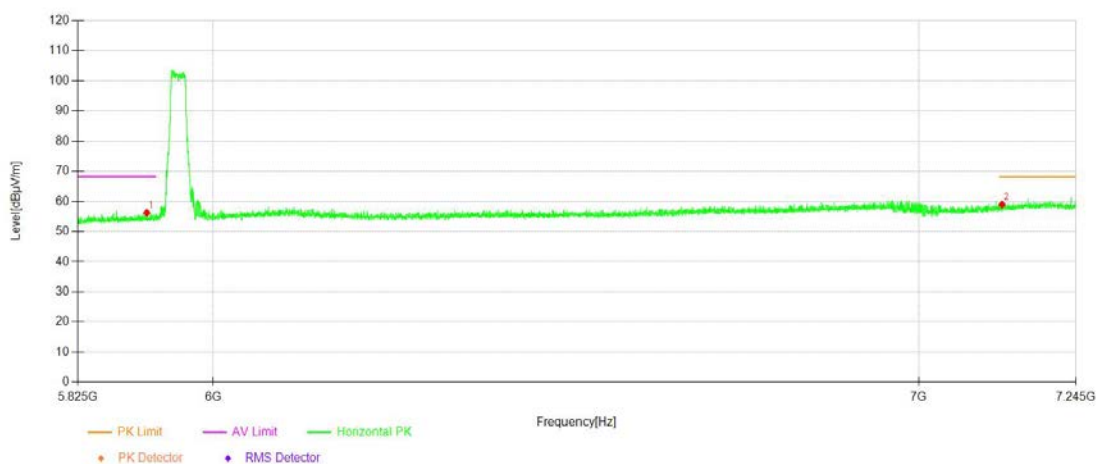


U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 5955

Ant.Pol: H

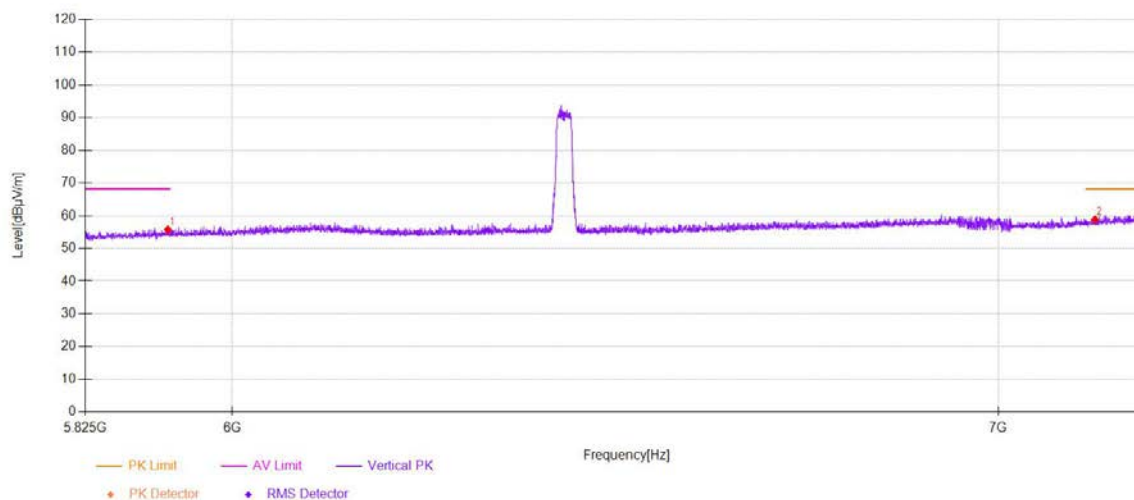


U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6415

Ant.Pol: V

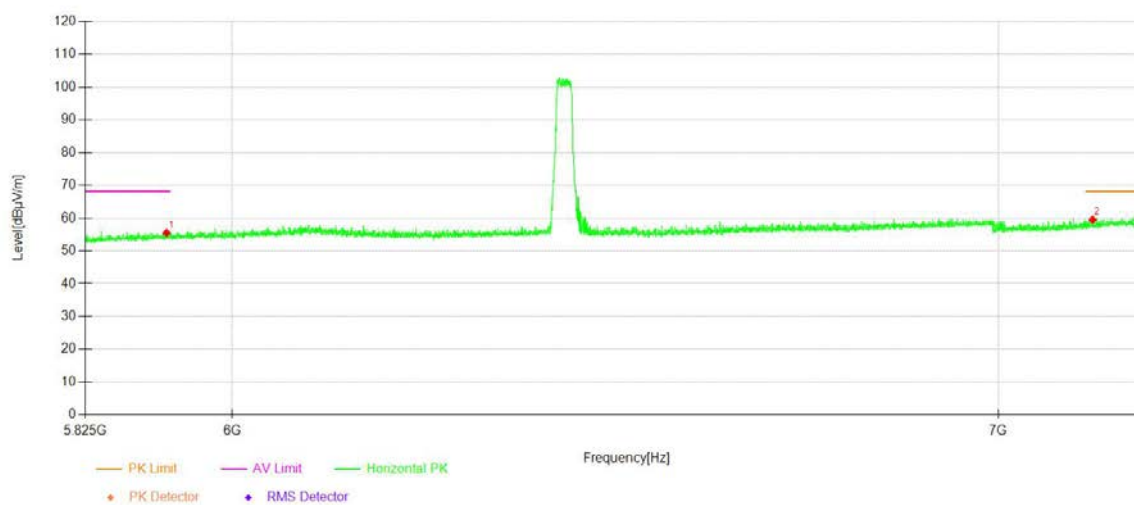


U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6415

Ant.Pol: H



● For U-NII 6

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

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20) **Frequency(MHz):** 6435

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5915.88	55.67	40.99	68.20	12.53	PK	Vertical
2	7132.82	58.84	44.31	68.20	9.36	PK	Vertical
1	5923.5125	55.69	41.02	68.20	12.51	PK	Horizontal
2	7139.565	59.52	44.42	68.20	8.68	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 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20) **Frequency(MHz):** 6515

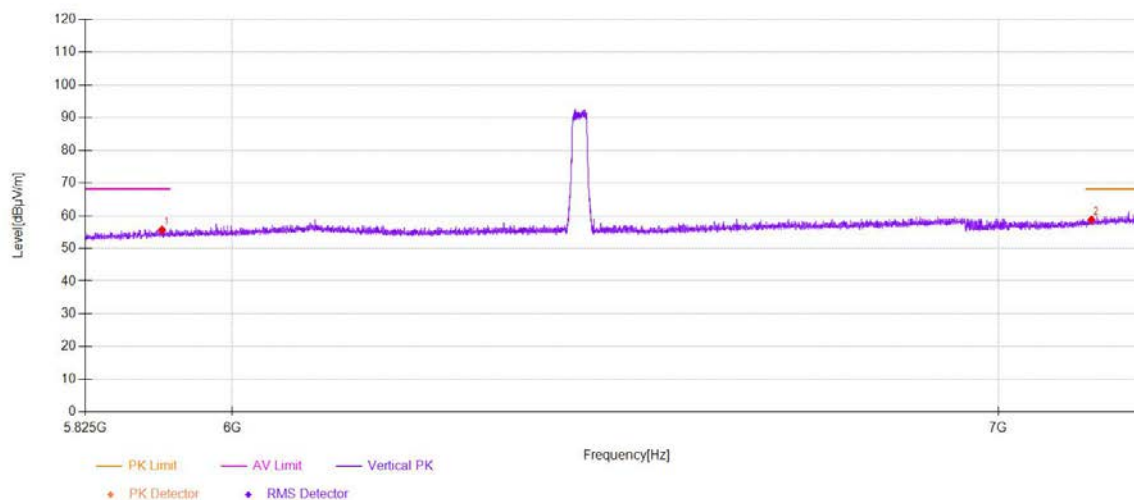
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5912.685	56.23	40.99	68.20	11.97	PK	Vertical
2	7131.755	58.83	44.28	68.20	9.37	PK	Vertical
1	5917.4775	55.98	41.00	68.20	12.22	PK	Horizontal
2	7130.8675	59.60	44.27	68.20	8.60	PK	Horizontal
Note: (1) Peak RBW = 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 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6435

Ant.Pol: V

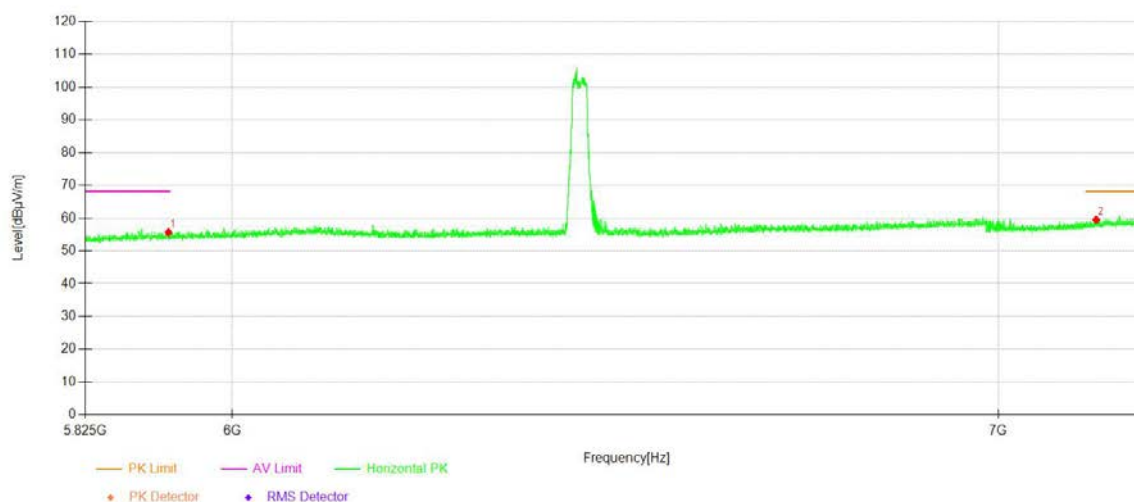


U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6435

Ant.Pol: H

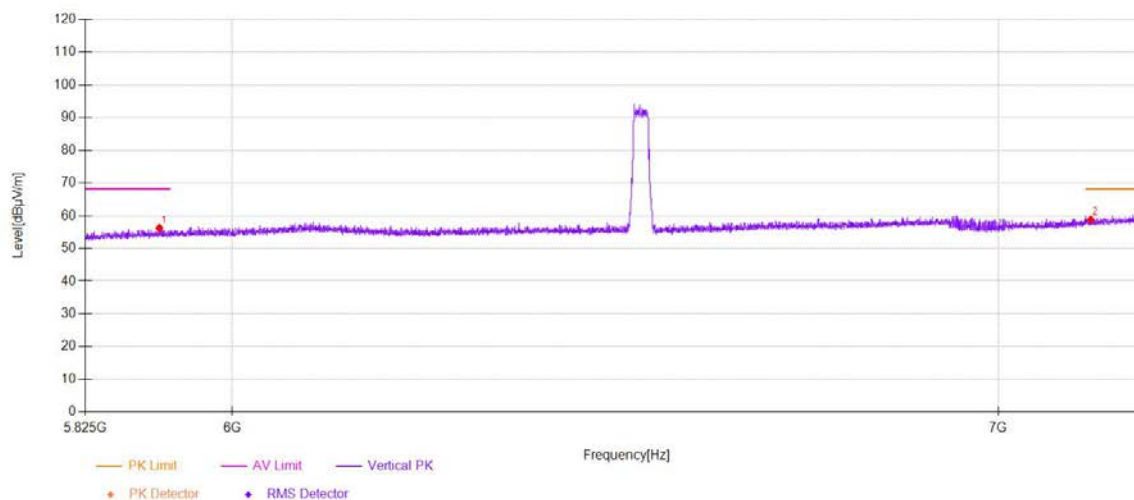


U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6515

Ant.Pol: V

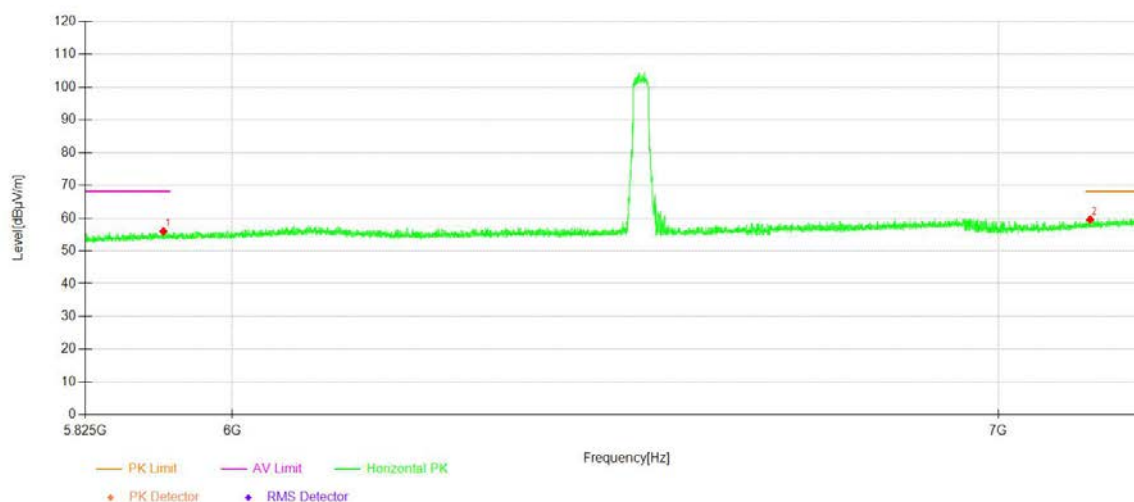


U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6515

Ant.Pol: H



● 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: 802.11n(20) **Frequency(MHz):** 6535

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5922.98	55.74	41.02	68.20	12.46	PK	Vertical
2	7141.34	59.86	44.45	68.20	8.34	PK	Vertical
1	5912.685	56.32	40.99	68.20	11.88	PK	Horizontal
2	7134.95	59.52	44.34	68.20	8.68	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: 802.11n(20) **Frequency(MHz):** 6855

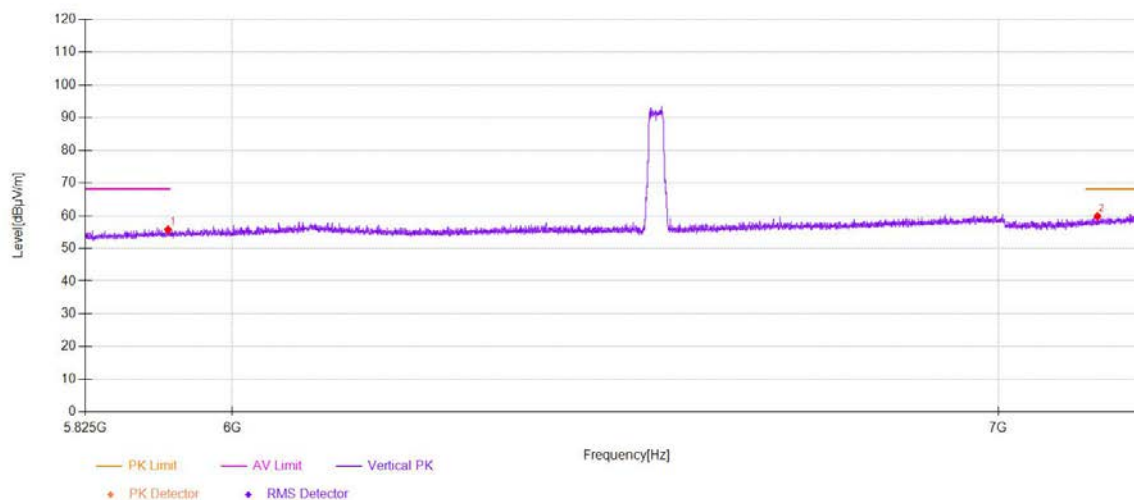
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5922.4475	56.17	41.01	68.20	12.03	PK	Vertical
2	7125.8975	60.15	44.19	68.20	8.05	PK	Vertical
1	5911.4425	55.36	40.98	68.20	12.84	PK	Horizontal
2	7139.7425	59.37	44.42	68.20	8.83	PK	Horizontal
Note: (1) Peak RBW = 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: 802.11n(20)

Frequency(MHz): 6535

Ant.Pol: V

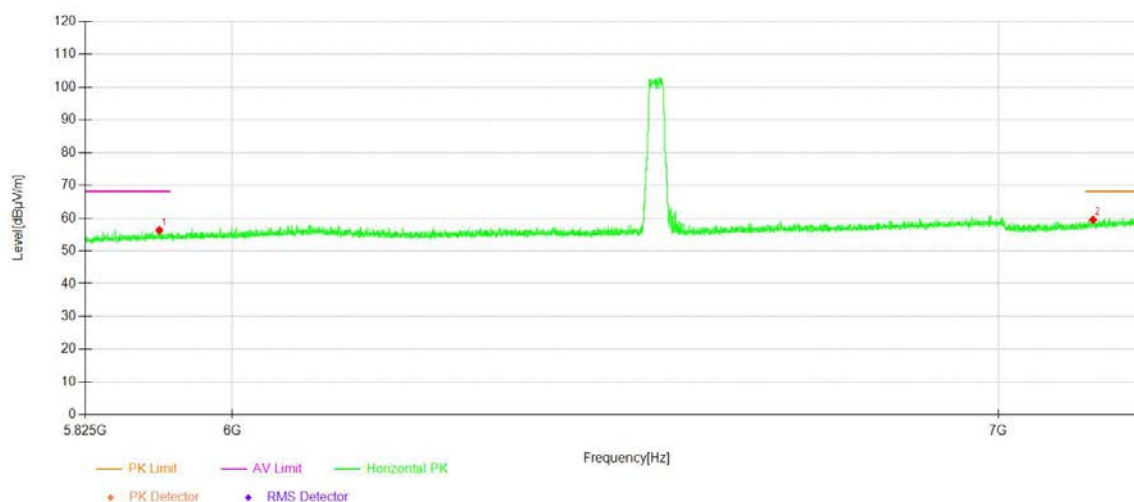


U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6535

Ant.Pol: H

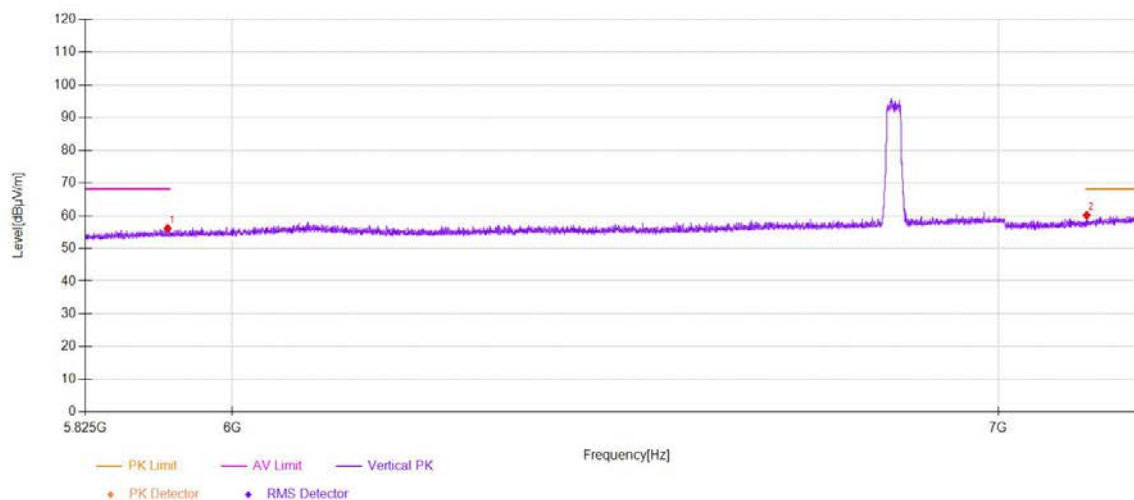


U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6855

Ant.Pol: V

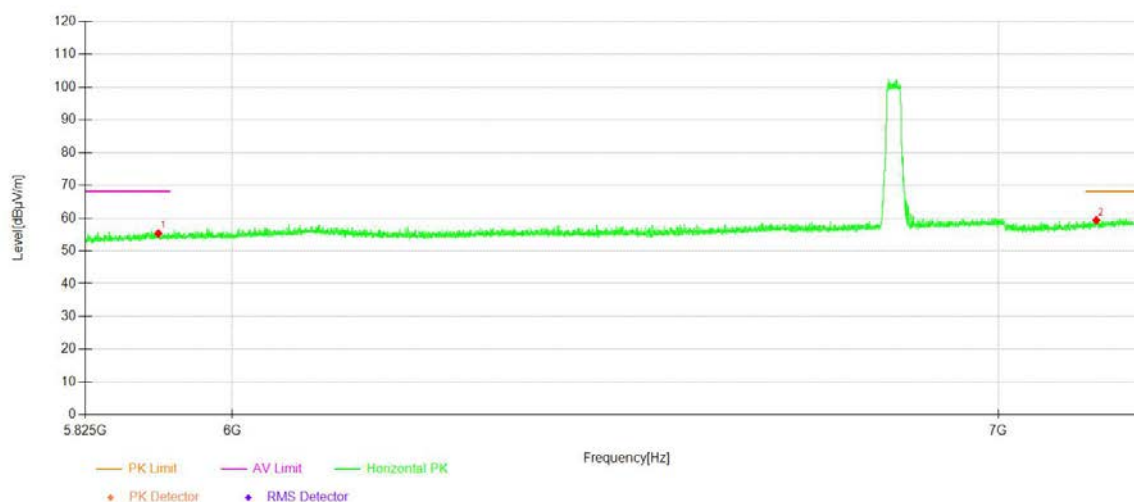


U-NII 7 Band (6525 ~ 6875MHz)

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

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5920.85	55.66	41.01	68.20	12.54	PK	Vertical
2	7143.2925	59.08	44.49	68.20	9.12	PK	Vertical
1	5922.27	55.90	41.01	68.20	12.30	PK	Horizontal
2	7133.3525	59.71	44.32	68.20	8.49	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: 802.11n(20) **Frequency(MHz):** 7115

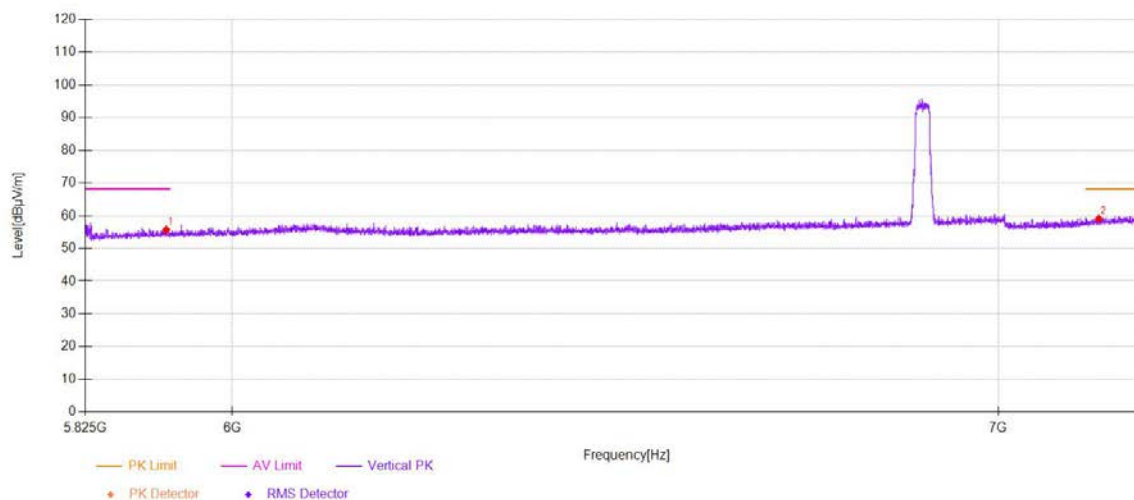
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5917.8325	56.01	41.01	68.20	12.19	PK	Vertical
2	7144.535	59.41	44.50	68.20	8.79	PK	Vertical
1	5913.75	55.53	40.99	68.20	12.67	PK	Horizontal
2	7140.4525	59.95	44.43	68.20	8.25	PK	Horizontal
Note: (1) Peak RBW = 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: 802.11n(20)

Frequency(MHz): 6895

Ant.Pol: V

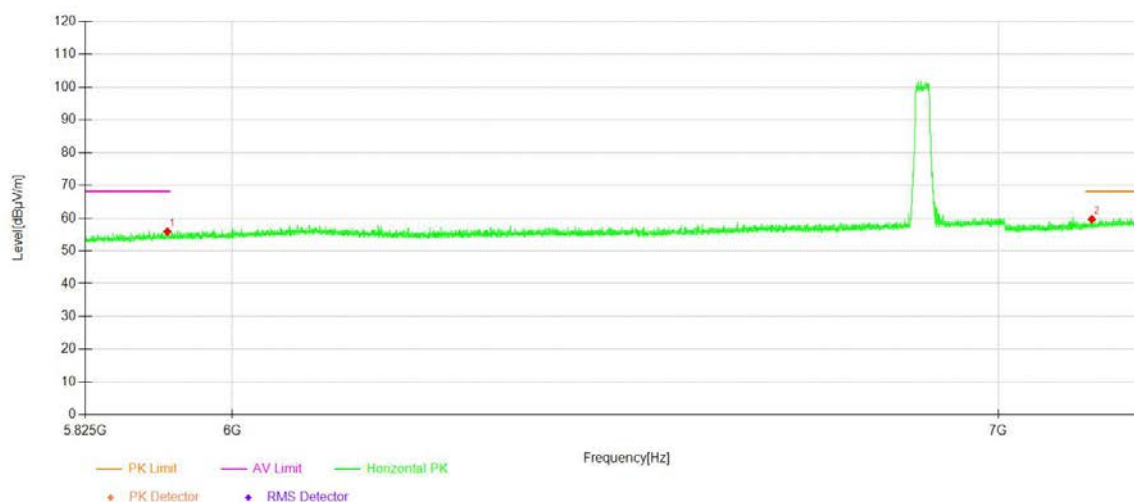


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6895

Ant.Pol: H

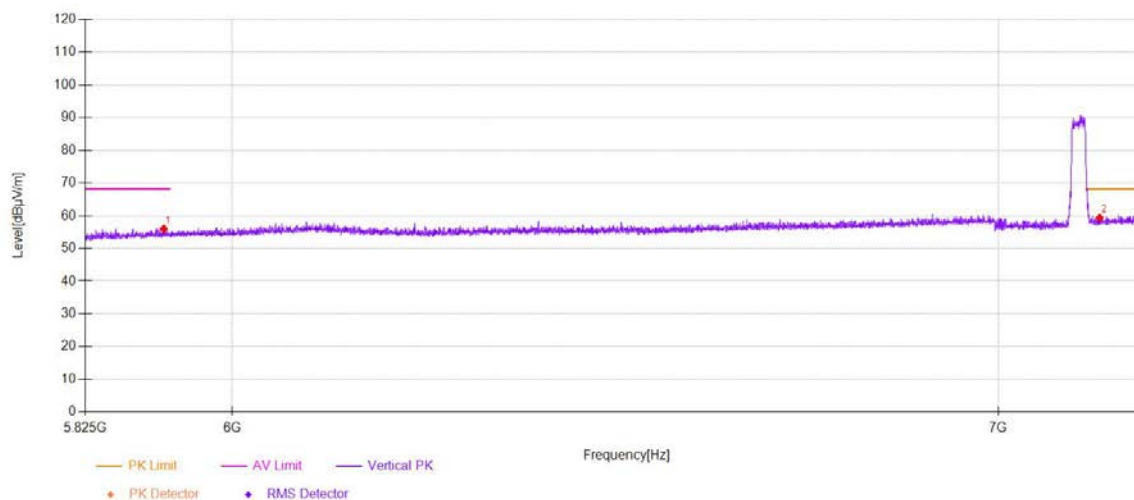


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 7115

Ant.Pol: V

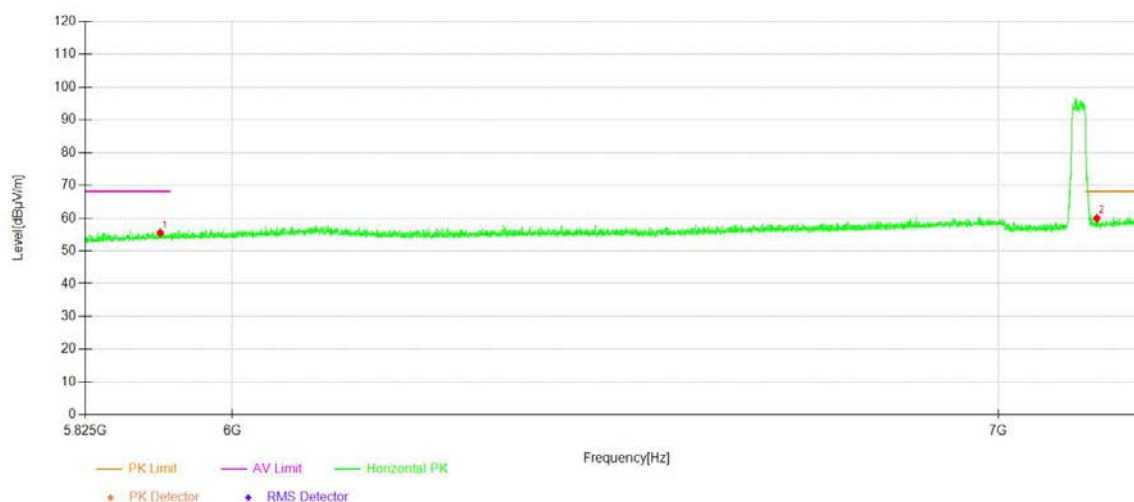


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 7115

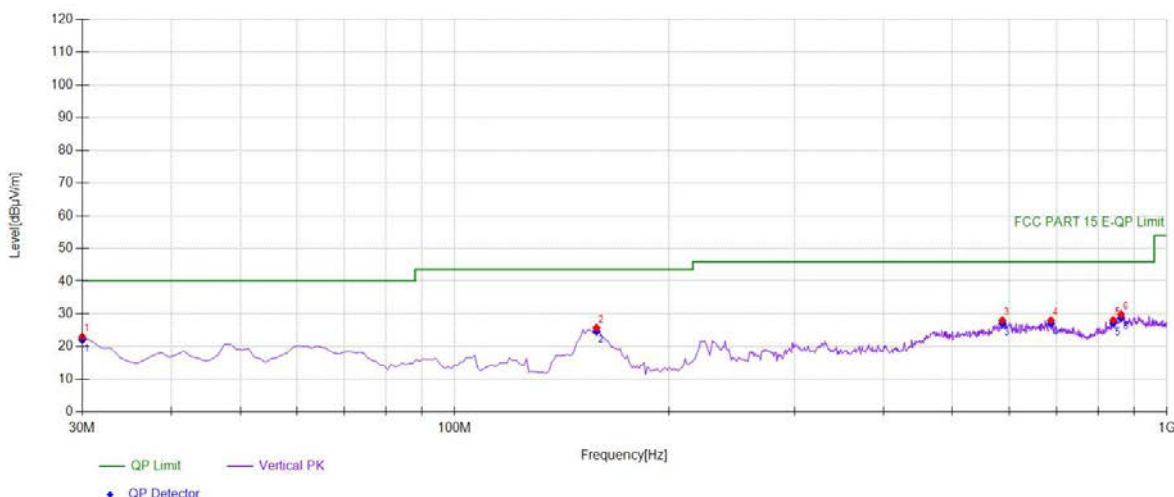
Ant.Pol: H



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

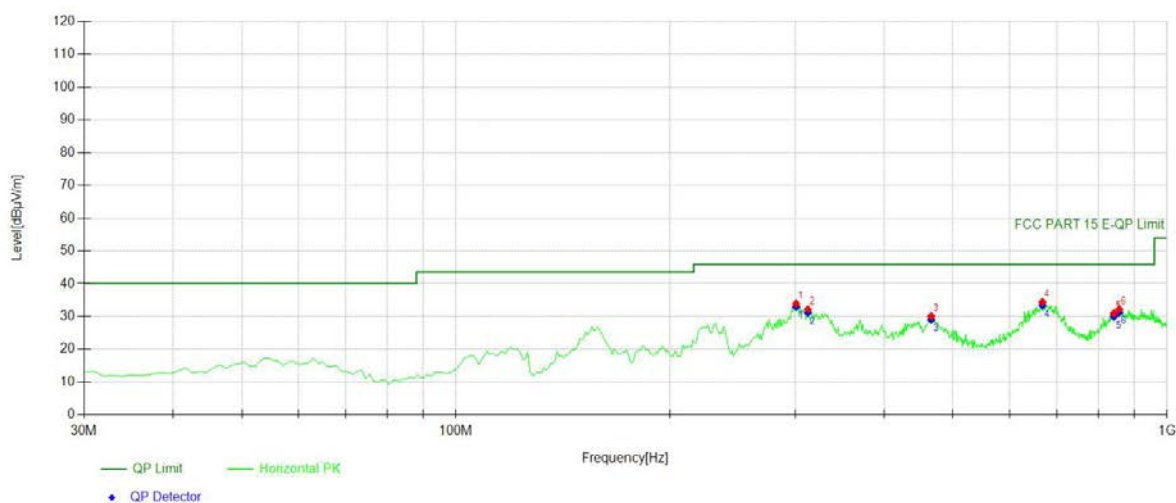
All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 5 Band (5925 ~ 6425MHz)		
Test mode:	802.11n(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	30	41.85	-18.80	23.05	PK	40.00	16.95	Vertical
2	158.168	45.16	-19.45	25.71	PK	43.50	17.79	Vertical
3	587.337	34.86	-6.81	28.05	PK	46.00	17.95	Vertical
4	687.347	34.45	-6.40	28.05	PK	46.00	17.95	Vertical
5	840.760	32.45	-4.33	28.12	PK	46.00	17.88	Vertical
6	862.122	33.21	-3.39	29.82	PK	46.00	16.18	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	22.05	40.00	17.95
2	158.1682	-19.45	24.71	43.50	18.79
3	587.3373	-6.81	27.05	46.00	18.95
4	687.3473	-6.40	27.05	46.00	18.95
5	840.7608	-4.33	27.12	46.00	18.88
6	862.1221	-3.39	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	300.900	47.86	-13.94	33.92	PK	46.00	12.08	Horizontal
2	312.552	45.85	-13.68	32.17	PK	46.00	13.83	Horizontal
3	465.966	40.22	-10.16	30.06	PK	46.00	15.94	Horizontal
4	667.927	41.12	-6.70	34.42	PK	46.00	11.58	Horizontal
5	841.731	35.20	-4.28	30.92	PK	46.00	15.08	Horizontal
6	856.296	35.78	-3.55	32.23	PK	46.00	13.77	Horizontal

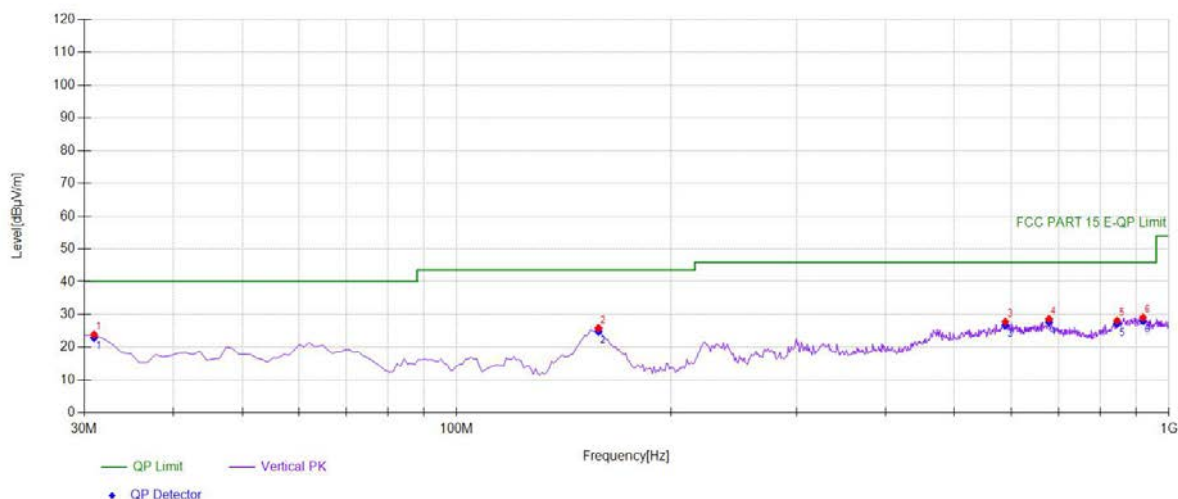
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	300.9009	-13.94	32.92	46.00	13.08
2	312.5526	-13.68	31.17	46.00	14.83
3	465.966	-10.16	29.06	46.00	16.94
4	667.9279	-6.70	33.42	46.00	12.58
5	841.7317	-4.28	29.92	46.00	16.08
6	856.2963	-3.55	31.23	46.00	14.77

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6175

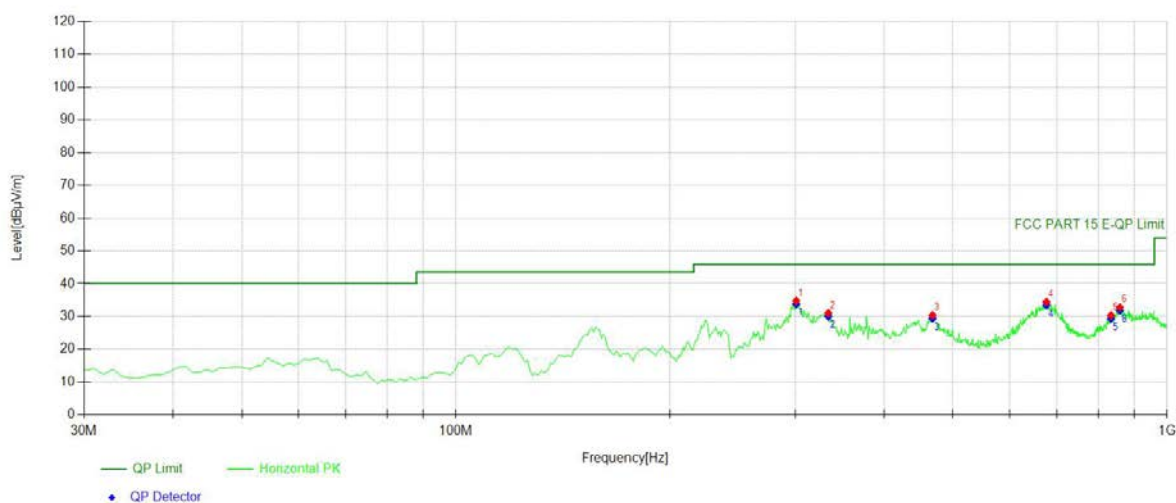


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30.971	42.53	-18.67	23.86	PK	40.00	16.14	Vertical
2	158.168	45.27	-19.45	25.82	PK	43.50	17.68	Vertical
3	589.279	34.50	-6.73	27.77	PK	46.00	18.23	Vertical
4	678.608	35.25	-6.61	28.64	PK	46.00	17.36	Vertical
5	845.615	32.20	-4.08	28.12	PK	46.00	17.88	Vertical
6	919.409	31.63	-2.58	29.05	PK	46.00	16.95	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30.971	-18.67	22.86	40.00	17.14
2	158.1682	-19.45	24.82	43.50	18.68
3	589.2793	-6.73	26.77	46.00	19.23
4	678.6086	-6.61	27.64	46.00	18.36
5	845.6156	-4.08	27.12	46.00	18.88
6	919.4094	-2.58	28.05	46.00	17.95



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	300.900	48.71	-13.94	34.77	PK	46.00	11.23	Horizontal
2	333.913	43.70	-12.70	31.00	PK	46.00	15.00	Horizontal
3	467.907	40.52	-10.13	30.39	PK	46.00	15.61	Horizontal
4	676.666	41.08	-6.63	34.45	PK	46.00	11.55	Horizontal
5	833.964	34.83	-4.50	30.33	PK	46.00	15.67	Horizontal
6	858.238	36.24	-3.46	32.78	PK	46.00	13.22	Horizontal

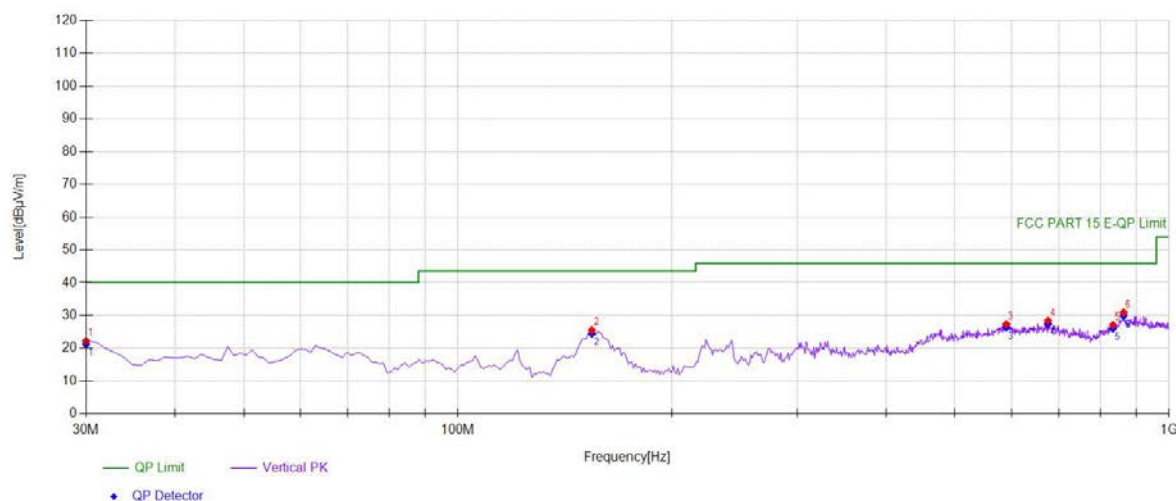
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	300.9009	-13.94	33.77	46.00	12.23
2	333.9139	-12.70	30.00	46.00	16.00
3	467.9079	-10.13	29.39	46.00	16.61
4	676.6667	-6.63	33.45	46.00	12.55
5	833.964	-4.50	29.33	46.00	16.67
6	858.2382	-3.46	31.78	46.00	14.22

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6415

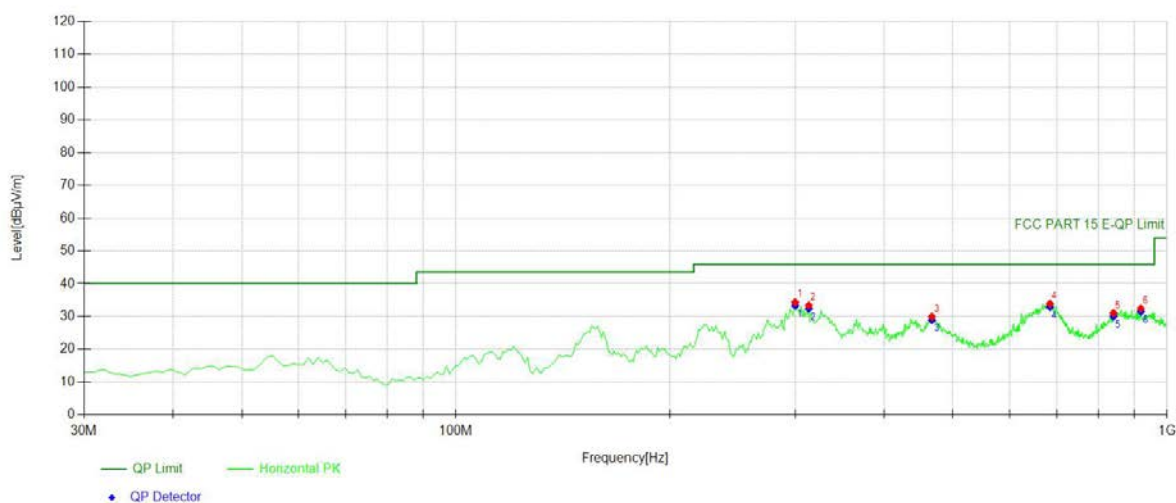


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	41.03	-18.80	22.23	PK	40.00	17.77	Vertical
2	154.284	44.99	-19.51	25.48	PK	43.50	18.02	Vertical
3	590.250	34.05	-6.68	27.37	PK	46.00	18.63	Vertical
4	675.695	35.04	-6.64	28.40	PK	46.00	17.60	Vertical
5	833.964	31.59	-4.50	27.09	PK	46.00	18.91	Vertical
6	863.093	34.30	-3.40	30.90	PK	46.00	15.10	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	21.23	40.00	18.77
2	154.2843	-19.51	24.48	43.50	19.02
3	590.2503	-6.68	26.37	46.00	19.63
4	675.6957	-6.64	27.40	46.00	18.60
5	833.964	-4.50	26.09	46.00	19.91
6	863.0931	-3.40	29.90	46.00	16.10



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	299.929	48.28	-13.96	34.32	PK	46.00	11.68	Horizontal
2	313.523	47.04	-13.67	33.37	PK	46.00	12.63	Horizontal
3	466.936	40.06	-10.15	29.91	PK	46.00	16.09	Horizontal
4	684.434	40.36	-6.48	33.88	PK	46.00	12.12	Horizontal
5	840.760	35.33	-4.33	31.00	PK	46.00	15.00	Horizontal
6	918.438	35.04	-2.59	32.45	PK	46.00	13.55	Horizontal

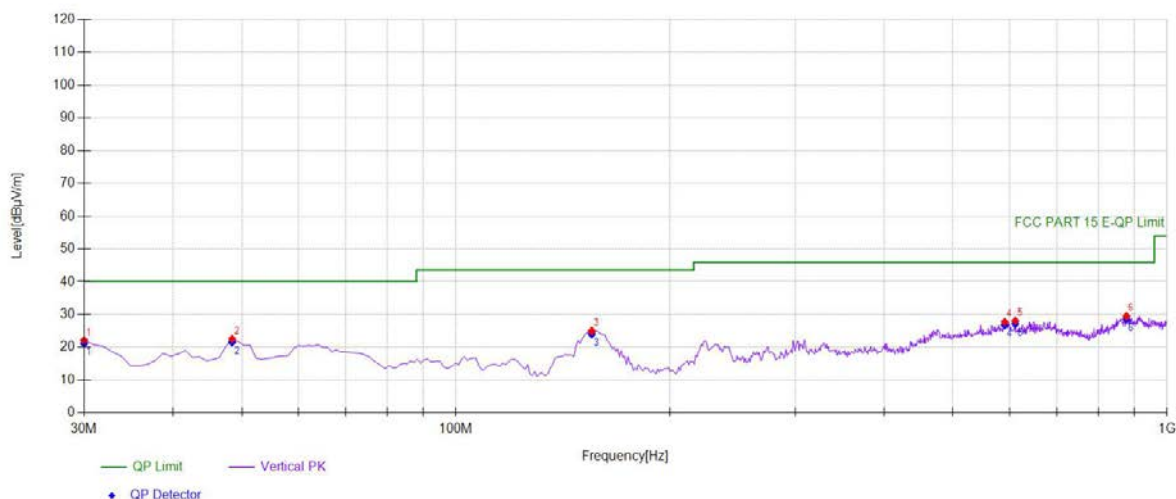
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	299.9299	-13.96	33.32	46.00	12.68
2	313.5235	-13.67	32.37	46.00	13.63
3	466.9369	-10.15	28.91	46.00	17.09
4	684.4344	-6.48	32.88	46.00	13.12
5	840.7608	-4.33	30.00	46.00	16.00
6	918.4384	-2.59	31.45	46.00	14.55

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6435

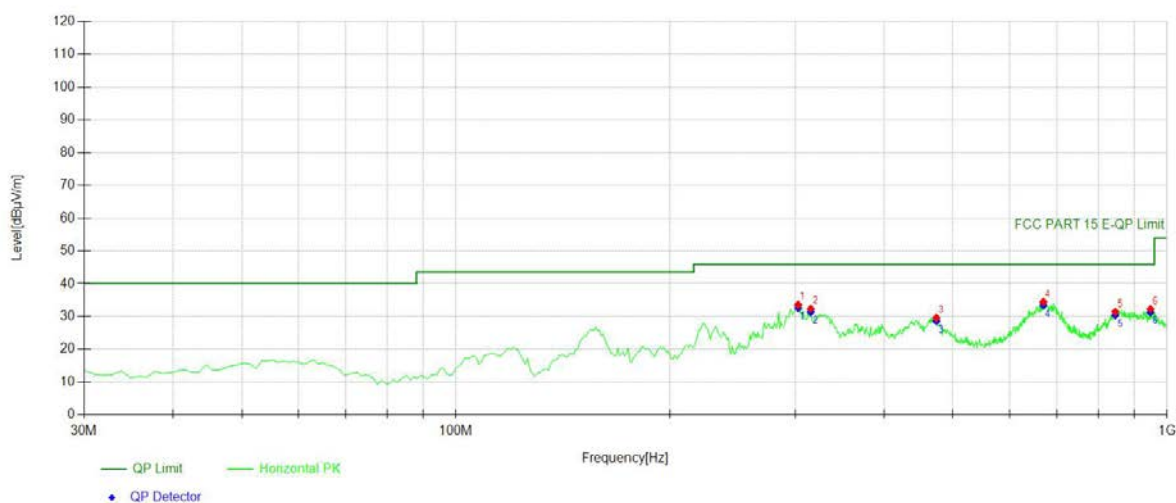


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	40.92	-18.80	22.12	PK	40.00	17.88	Vertical
2	48.4484	38.79	-16.24	22.55	PK	40.00	17.45	Vertical
3	155.255	44.49	-19.49	25.00	PK	43.50	18.50	Vertical
4	591.221	34.37	-6.62	27.75	PK	46.00	18.25	Vertical
5	611.611	34.84	-6.77	28.07	PK	46.00	17.93	Vertical
6	876.686	32.89	-3.39	29.50	PK	46.00	16.50	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	21.12	40.00	18.88
2	48.4484	-16.24	21.55	40.00	18.45
3	155.2553	-19.49	24.00	43.50	19.50
4	591.2212	-6.62	26.75	46.00	19.25
5	611.6116	-6.77	27.07	46.00	18.93
6	876.6867	-3.39	28.50	46.00	17.50



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	302.842	47.47	-13.89	33.58	PK	46.00	12.42	Horizontal
2	315.465	46.01	-13.65	32.36	PK	46.00	13.64	Horizontal
3	473.733	39.62	-10.03	29.59	PK	46.00	16.41	Horizontal
4	669.869	41.14	-6.70	34.44	PK	46.00	11.56	Horizontal
5	845.615	35.50	-4.08	31.42	PK	46.00	14.58	Horizontal
6	947.567	35.00	-2.73	32.27	PK	46.00	13.73	Horizontal

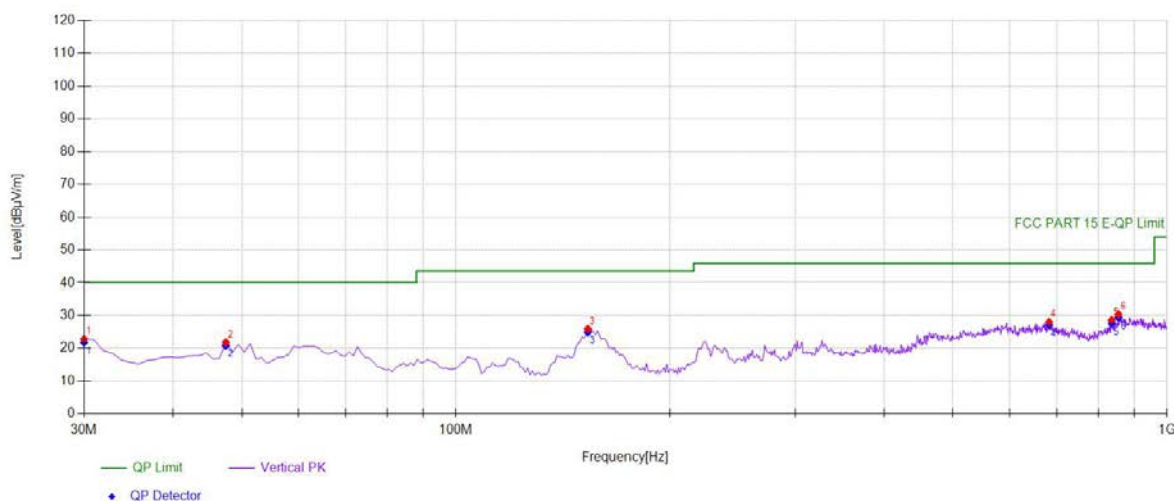
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	302.8428	-13.89	32.58	46.00	13.42
2	315.4655	-13.65	31.36	46.00	14.64
3	473.7337	-10.03	28.59	46.00	17.41
4	669.8699	-6.70	33.44	46.00	12.56
5	845.6156	-4.08	30.42	46.00	15.58
6	947.5676	-2.73	31.27	46.00	14.73

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6475

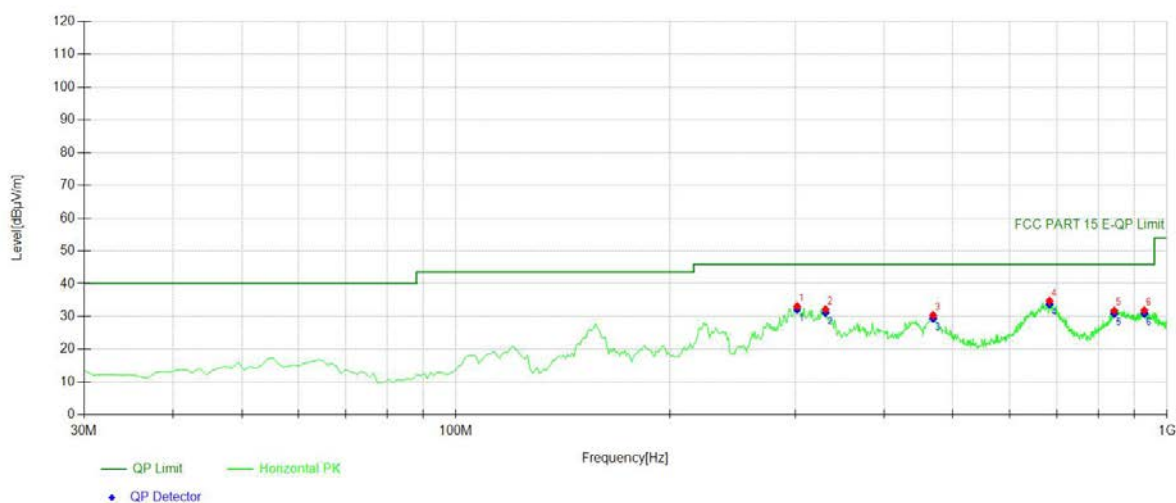


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	41.60	-18.80	22.80	PK	40.00	17.20	Vertical
2	47.4775	38.20	-16.39	21.81	PK	40.00	18.19	Vertical
3	153.313	45.41	-19.52	25.89	PK	43.50	17.61	Vertical
4	682.492	34.57	-6.53	28.04	PK	46.00	17.96	Vertical
5	835.905	33.08	-4.45	28.63	PK	46.00	17.37	Vertical
6	854.354	34.02	-3.64	30.38	PK	46.00	15.62	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	21.80	40.00	18.20
2	47.4775	-16.39	20.81	40.00	19.19
3	153.3133	-19.52	24.89	43.50	18.61
4	682.4925	-6.53	27.04	46.00	18.96
5	835.9059	-4.45	27.63	46.00	18.37
6	854.3544	-3.64	29.38	46.00	16.62



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	301.871	47.02	-13.91	33.11	PK	46.00	12.89	Horizontal
2	331.001	45.02	-12.86	32.16	PK	46.00	13.84	Horizontal
3	468.878	40.49	-10.12	30.37	PK	46.00	15.63	Horizontal
4	683.463	41.23	-6.50	34.73	PK	46.00	11.27	Horizontal
5	842.702	36.01	-4.23	31.78	PK	46.00	14.22	Horizontal
6	929.119	34.65	-2.80	31.85	PK	46.00	14.15	Horizontal

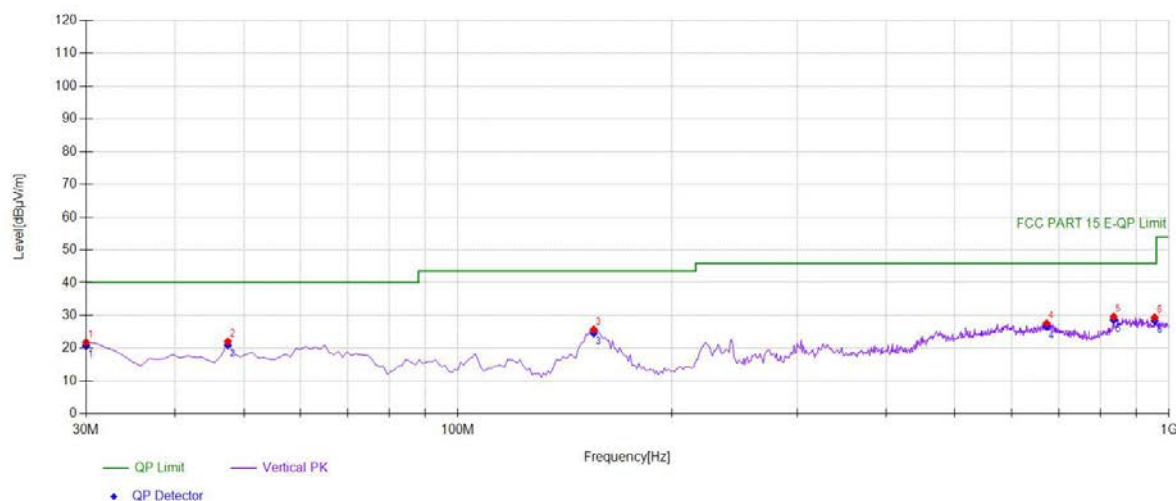
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	301.8719	-13.91	32.11	46.00	13.89
2	331.001	-12.86	31.16	46.00	14.84
3	468.8789	-10.12	29.37	46.00	16.63
4	683.4635	-6.50	33.73	46.00	12.27
5	842.7027	-4.23	30.78	46.00	15.22
6	929.1191	-2.80	30.85	46.00	15.15

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6515

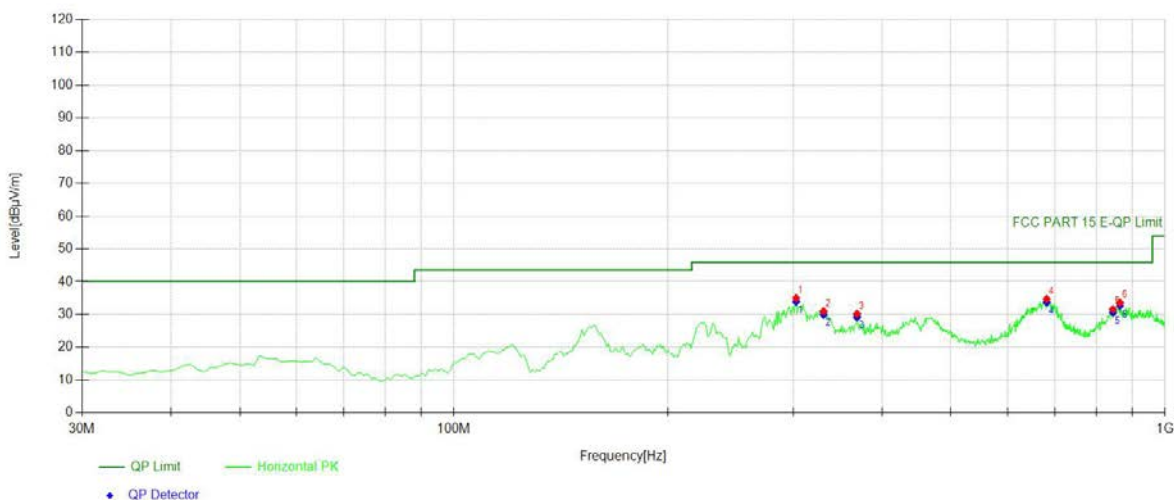


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	40.58	-18.80	21.78	PK	40.00	18.22	Vertical
2	47.4775	38.42	-16.39	22.03	PK	40.00	17.97	Vertical
3	155.255	45.13	-19.49	25.64	PK	43.50	17.86	Vertical
4	672.782	34.26	-6.67	27.59	PK	46.00	18.41	Vertical
5	835.905	34.07	-4.45	29.62	PK	46.00	16.38	Vertical
6	954.364	31.71	-2.31	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	30	-18.80	20.78	40.00	19.22
2	47.4775	-16.39	21.03	40.00	18.97
3	155.2553	-19.49	24.64	43.50	18.86
4	672.7828	-6.67	26.59	46.00	19.41
5	835.9059	-4.45	28.62	46.00	17.38
6	954.3644	-2.31	28.40	46.00	17.60



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	302.842	48.84	-13.89	34.95	PK	46.00	11.05	Horizontal
2	331.001	43.79	-12.86	30.93	PK	46.00	15.07	Horizontal
3	368.868	42.12	-11.94	30.18	PK	46.00	15.82	Horizontal
4	681.521	41.26	-6.55	34.71	PK	46.00	11.29	Horizontal
5	844.644	35.72	-4.12	31.60	PK	46.00	14.40	Horizontal
6	864.064	37.02	-3.40	33.62	PK	46.00	12.38	Horizontal

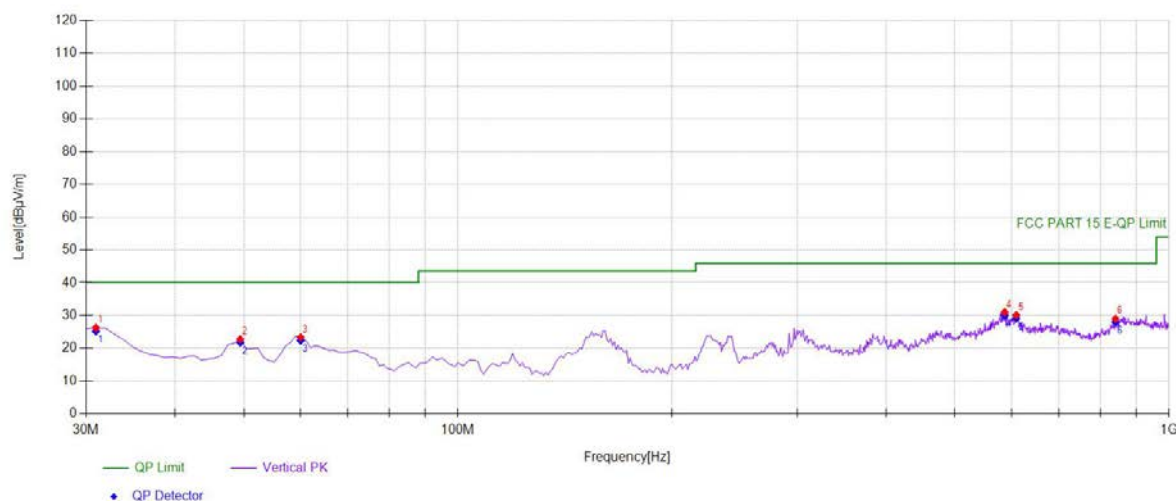
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	302.8428	-13.89	33.95	46.00	12.05
2	331.001	-12.86	29.93	46.00	16.07
3	368.8689	-11.94	29.18	46.00	16.82
4	681.5215	-6.55	33.71	46.00	12.29
5	844.6446	-4.12	30.60	46.00	15.40
6	864.0641	-3.40	32.62	46.00	13.38

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6535

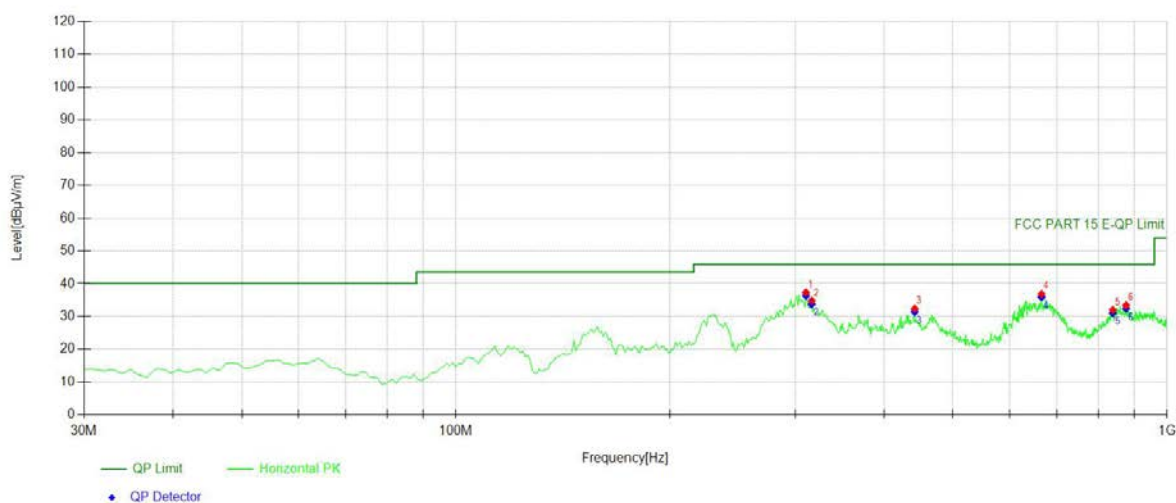


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30.971	44.89	-18.67	26.22	PK	40.00	13.78	Vertical
2	49.4194	38.88	-16.10	22.78	PK	40.00	17.22	Vertical
3	60.1001	40.76	-17.41	23.35	PK	40.00	16.65	Vertical
4	587.337	37.78	-6.81	30.97	PK	46.00	15.03	Vertical
5	609.669	36.75	-6.65	30.10	PK	46.00	15.90	Vertical
6	840.760	33.31	-4.33	28.98	PK	46.00	17.02	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30.971	-18.67	25.22	40.00	14.78
2	49.4194	-16.10	21.78	40.00	18.22
3	60.1001	-17.41	22.35	40.00	17.65
4	587.3373	-6.81	29.97	46.00	16.03
5	609.6697	-6.65	29.10	46.00	16.90
6	840.7608	-4.33	27.98	46.00	18.02



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	310.610	51.04	-13.71	37.33	PK	46.00	8.67	Horizontal
2	316.436	48.40	-13.63	34.77	PK	46.00	11.23	Horizontal
3	441.691	43.21	-10.84	32.37	PK	46.00	13.63	Horizontal
4	665.986	43.55	-6.70	36.85	PK	46.00	9.15	Horizontal
5	838.818	36.38	-4.39	31.99	PK	46.00	14.01	Horizontal
6	875.715	36.80	-3.40	33.40	PK	46.00	12.60	Horizontal

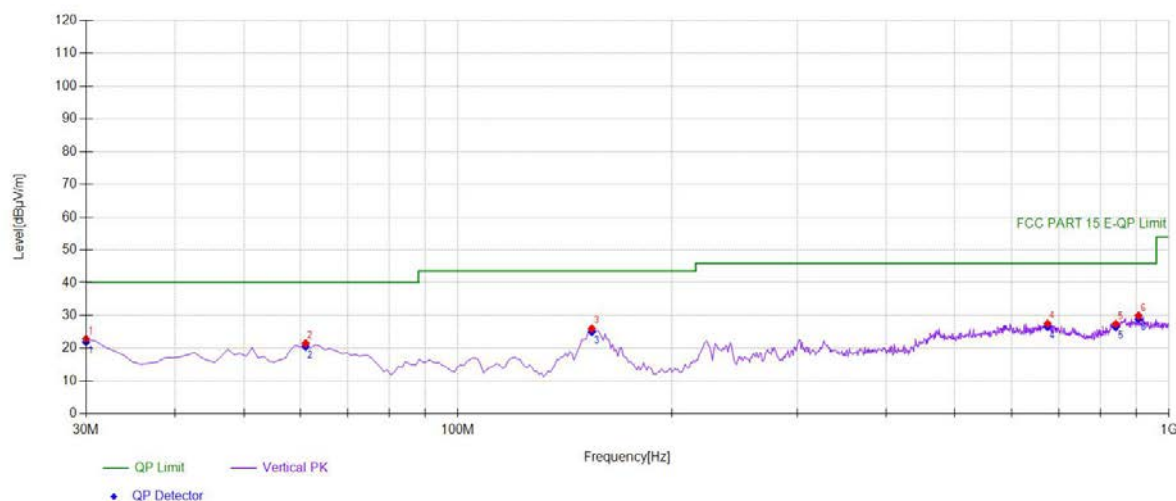
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	310.6106	-13.71	36.33	46.00	9.67
2	316.4364	-13.63	33.77	46.00	12.23
3	441.6917	-10.84	31.37	46.00	14.63
4	665.986	-6.70	35.85	46.00	10.15
5	838.8188	-4.39	30.99	46.00	15.01
6	875.7157	-3.40	32.40	46.00	13.60

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6695

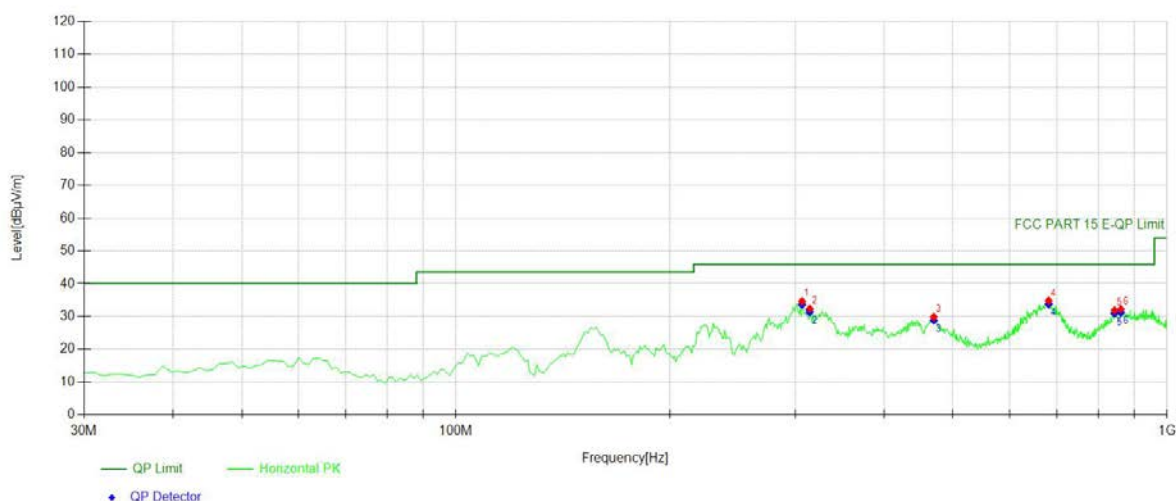


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	41.69	-18.80	22.89	PK	40.00	17.11	Vertical
2	61.0711	39.03	-17.54	21.49	PK	40.00	18.51	Vertical
3	154.284	45.51	-19.51	26.00	PK	43.50	17.50	Vertical
4	674.724	34.16	-6.65	27.51	PK	46.00	18.49	Vertical
5	841.731	31.70	-4.28	27.42	PK	46.00	18.58	Vertical
6	905.815	32.75	-2.82	29.93	PK	46.00	16.07	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	21.89	40.00	18.11
2	61.0711	-17.54	20.49	40.00	19.51
3	154.2843	-19.51	25.00	43.50	18.50
4	674.7247	-6.65	26.51	46.00	19.49
5	841.7317	-4.28	26.42	46.00	19.58
6	905.8158	-2.82	28.93	46.00	17.07



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	306.726	48.42	-13.80	34.62	PK	46.00	11.38	Horizontal
2	314.494	46.00	-13.65	32.35	PK	46.00	13.65	Horizontal
3	469.849	39.92	-10.10	29.82	PK	46.00	16.18	Horizontal
4	681.521	41.35	-6.55	34.80	PK	46.00	11.20	Horizontal
5	843.673	36.08	-4.17	31.91	PK	46.00	14.09	Horizontal
6	861.151	35.61	-3.39	32.22	PK	46.00	13.78	Horizontal

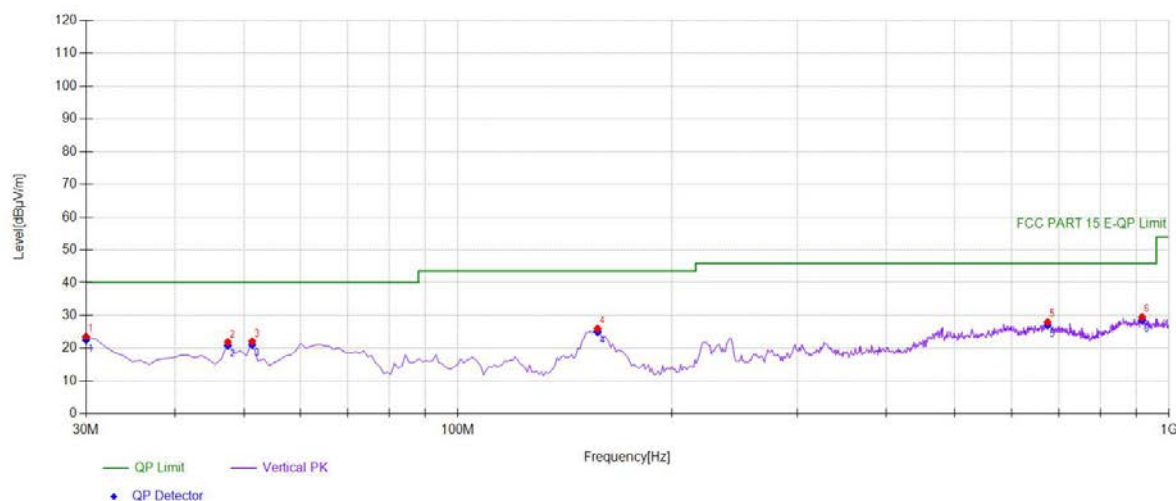
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	306.7267	-13.80	33.62	46.00	12.38
2	314.4945	-13.65	31.35	46.00	14.65
3	469.8498	-10.10	28.82	46.00	17.18
4	681.5215	-6.55	33.80	46.00	12.20
5	843.6737	-4.17	30.91	46.00	15.09
6	861.1512	-3.39	31.22	46.00	14.78

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6855

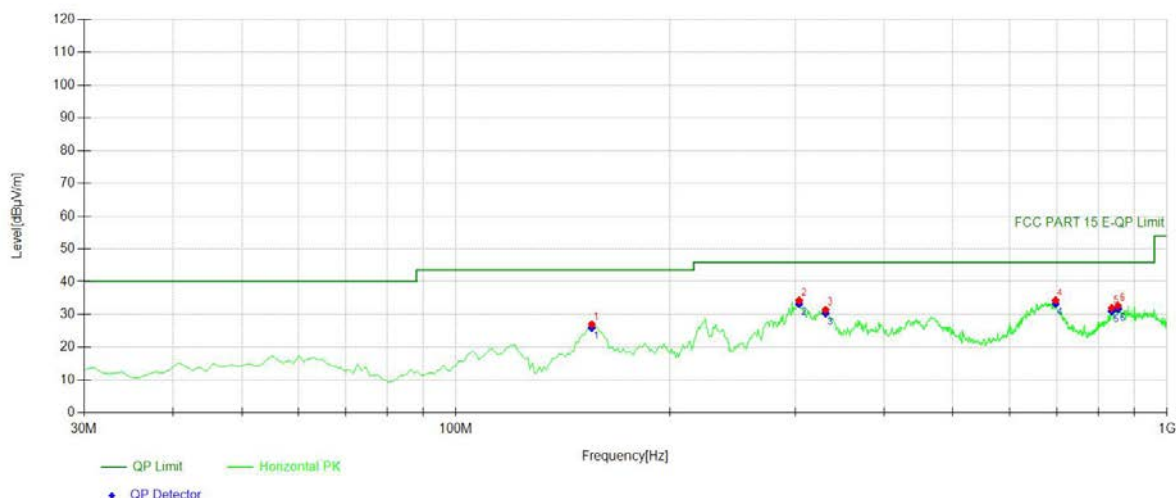


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	42.36	-18.80	23.56	PK	40.00	16.44	Vertical
2	47.4775	38.26	-16.39	21.87	PK	40.00	18.13	Vertical
3	51.3614	38.30	-16.21	22.09	PK	40.00	17.91	Vertical
4	157.197	45.44	-19.46	25.98	PK	43.50	17.52	Vertical
5	674.724	34.63	-6.65	27.98	PK	46.00	18.02	Vertical
6	916.496	32.14	-2.62	29.52	PK	46.00	16.48	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	22.56	40.00	17.44
2	47.4775	-16.39	20.87	40.00	19.13
3	51.3614	-16.21	21.09	40.00	18.91
4	157.1972	-19.46	24.98	43.50	18.52
5	674.7247	-6.65	26.98	46.00	19.02
6	916.4965	-2.62	28.52	46.00	17.48



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	155.255	46.43	-19.49	26.94	PK	43.50	16.56	Horizontal
2	303.813	48.11	-13.87	34.24	PK	46.00	11.76	Horizontal
3	331.001	44.25	-12.86	31.39	PK	46.00	14.61	Horizontal
4	697.057	40.29	-6.01	34.28	PK	46.00	11.72	Horizontal
5	835.905	36.41	-4.45	31.96	PK	46.00	14.04	Horizontal
6	853.383	36.33	-3.69	32.64	PK	46.00	13.36	Horizontal

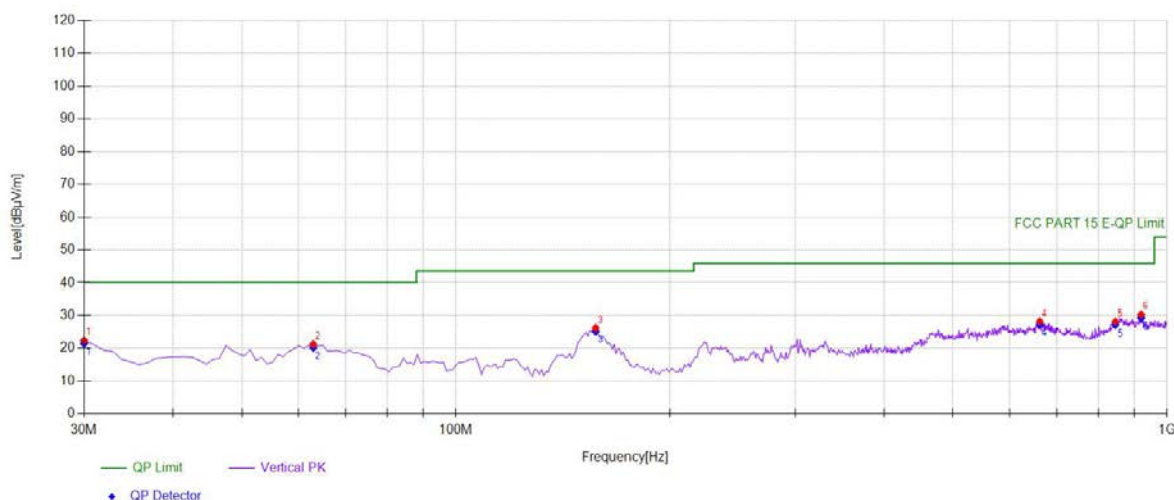
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	155.2553	-19.49	25.94	43.50	17.56
2	303.8138	-13.87	33.24	46.00	12.76
3	331.001	-12.86	30.39	46.00	15.61
4	697.0571	-6.01	33.28	46.00	12.72
5	835.9059	-4.45	30.96	46.00	15.04
6	853.3834	-3.69	31.64	46.00	14.36

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6895

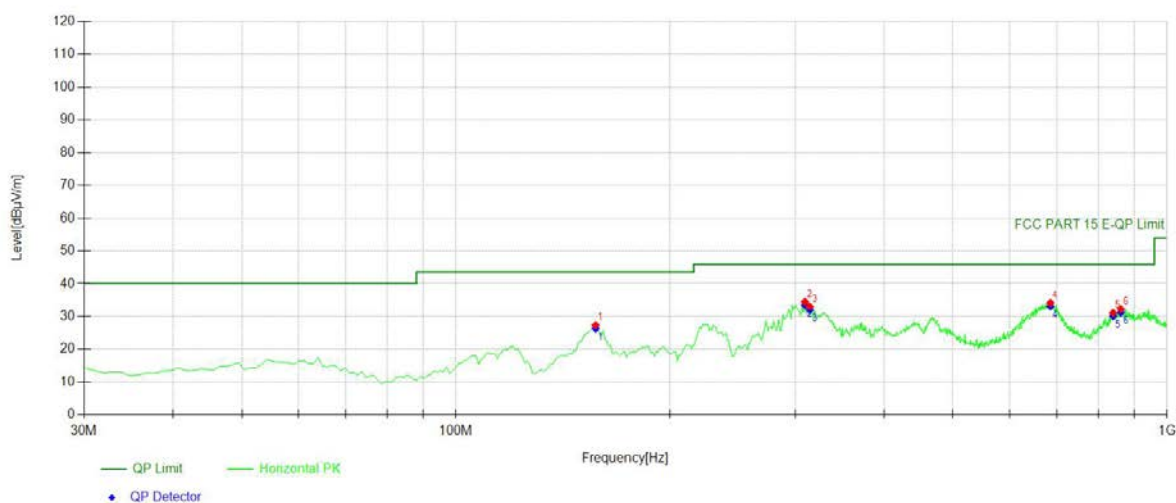


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	41.23	-18.80	22.43	PK	40.00	17.57	Vertical
2	63.013	39.01	-17.80	21.21	PK	40.00	18.79	Vertical
3	157.197	45.62	-19.46	26.16	PK	43.50	17.34	Vertical
4	662.102	34.87	-6.69	28.18	PK	46.00	17.82	Vertical
5	845.615	32.20	-4.08	28.12	PK	46.00	17.88	Vertical
6	919.409	32.84	-2.58	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	30	-18.80	21.43	40.00	18.57
2	63.013	-17.80	20.21	40.00	19.79
3	157.1972	-19.46	25.16	43.50	18.34
4	662.1021	-6.69	27.18	46.00	18.82
5	845.6156	-4.08	27.12	46.00	18.88
6	919.4094	-2.58	29.26	46.00	16.74



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	157.197	46.79	-19.46	27.33	PK	43.50	16.17	Horizontal
2	309.639	48.20	-13.73	34.47	PK	46.00	11.53	Horizontal
3	314.494	46.66	-13.65	33.01	PK	46.00	12.99	Horizontal
4	685.405	40.55	-6.45	34.10	PK	46.00	11.90	Horizontal
5	839.789	35.47	-4.37	31.10	PK	46.00	14.90	Horizontal
6	861.151	35.63	-3.39	32.24	PK	46.00	13.76	Horizontal

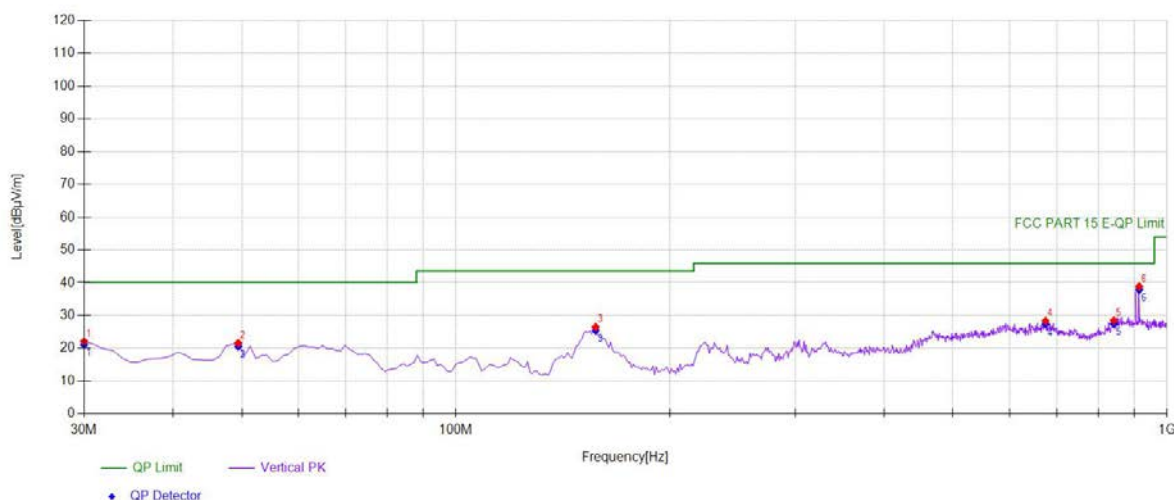
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	157.1972	-19.46	26.33	43.50	17.17
2	309.6396	-13.73	33.47	46.00	12.53
3	314.4945	-13.65	32.01	46.00	13.99
4	685.4054	-6.45	33.10	46.00	12.90
5	839.7898	-4.37	30.10	46.00	15.90
6	861.1512	-3.39	31.24	46.00	14.76

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6995

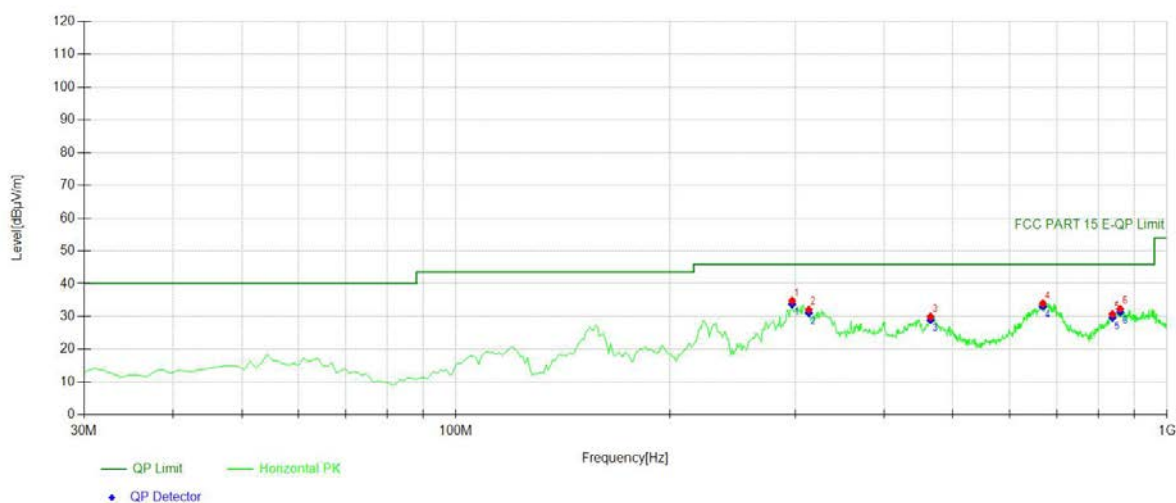


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	40.88	-18.80	22.08	PK	40.00	17.92	Vertical
2	49.4194	37.67	-16.10	21.57	PK	40.00	18.43	Vertical
3	157.197	45.91	-19.46	26.45	PK	43.50	17.05	Vertical
4	674.724	34.95	-6.65	28.30	PK	46.00	17.70	Vertical
5	841.731	32.74	-4.28	28.46	PK	46.00	17.54	Vertical
6	913.583	41.52	-2.67	38.85	PK	46.00	7.15	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	21.08	40.00	18.92
2	49.4194	-16.10	20.57	40.00	19.43
3	157.1972	-19.46	25.45	43.50	18.05
4	674.7247	-6.65	27.30	46.00	18.70
5	841.7317	-4.28	27.46	46.00	18.54
6	913.5836	-2.67	37.85	46.00	8.15



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	297.017	48.84	-14.08	34.76	PK	46.00	11.24	Horizontal
2	313.523	45.74	-13.67	32.07	PK	46.00	13.93	Horizontal
3	464.995	40.11	-10.18	29.93	PK	46.00	16.07	Horizontal
4	668.898	40.70	-6.70	34.00	PK	46.00	12.00	Horizontal
5	837.847	35.07	-4.41	30.66	PK	46.00	15.34	Horizontal
6	859.209	35.75	-3.42	32.33	PK	46.00	13.67	Horizontal

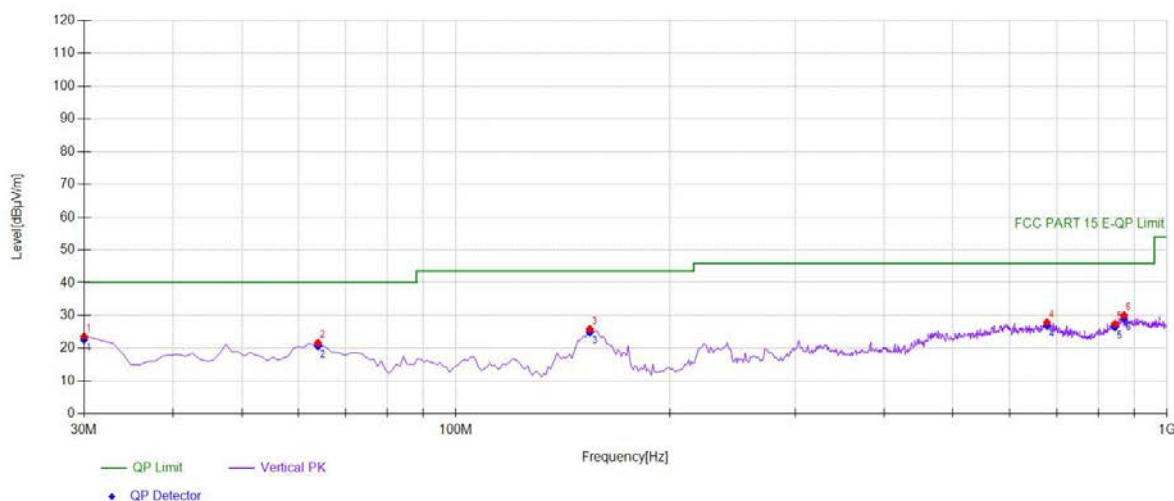
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	297.017	-14.08	33.76	46.00	12.24
2	313.5235	-13.67	31.07	46.00	14.93
3	464.995	-10.18	28.93	46.00	17.07
4	668.8989	-6.70	33.00	46.00	13.00
5	837.8478	-4.41	29.66	46.00	16.34
6	859.2092	-3.42	31.33	46.00	14.67

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11n(20)

Frequency(MHz): 7115

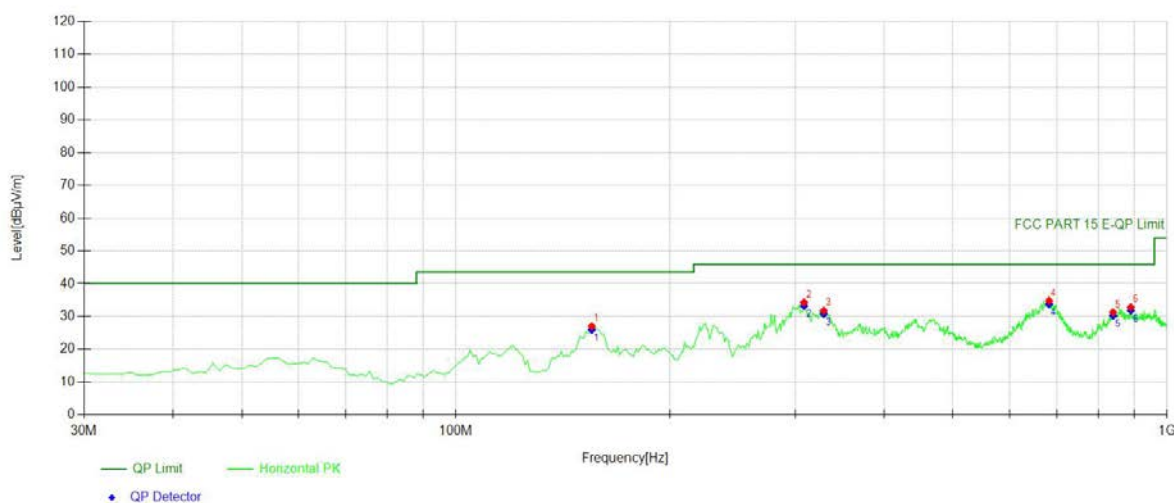


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	42.42	-18.80	23.62	PK	40.00	16.38	Vertical
2	63.984	39.58	-17.94	21.64	PK	40.00	18.36	Vertical
3	154.284	45.37	-19.51	25.86	PK	43.50	17.64	Vertical
4	677.637	34.54	-6.62	27.92	PK	46.00	18.08	Vertical
5	844.644	31.55	-4.12	27.43	PK	46.00	18.57	Vertical
6	869.889	33.47	-3.42	30.05	PK	46.00	15.95	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30	-18.80	22.62	40.00	17.38
2	63.984	-17.94	20.64	40.00	19.36
3	154.2843	-19.51	24.86	43.50	18.64
4	677.6376	-6.62	26.92	46.00	19.08
5	844.6446	-4.12	26.43	46.00	19.57
6	869.8899	-3.42	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	155.255	46.45	-19.49	26.96	PK	43.50	16.54	Horizontal
2	308.668	48.01	-13.75	34.26	PK	46.00	11.74	Horizontal
3	329.059	44.76	-12.99	31.77	PK	46.00	14.23	Horizontal
4	682.492	41.32	-6.53	34.79	PK	46.00	11.21	Horizontal
5	839.789	35.61	-4.37	31.24	PK	46.00	14.76	Horizontal
6	889.309	35.95	-3.14	32.81	PK	46.00	13.19	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	155.2553	-19.49	25.96	43.50	17.54
2	308.6687	-13.75	33.26	46.00	12.74
3	329.0591	-12.99	30.77	46.00	15.23
4	682.4925	-6.53	33.79	46.00	12.21
5	839.7898	-4.37	30.24	46.00	15.76
6	889.3093	-3.14	31.81	46.00	14.19

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.

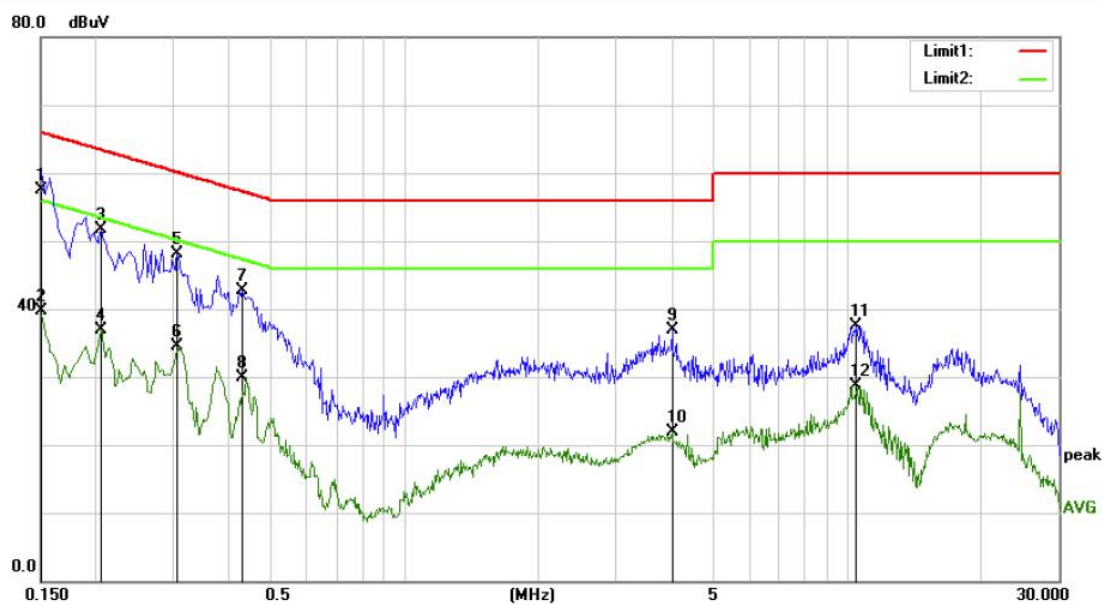
Repeat above procedures until all frequency measured were complete.

8.7.5 Test Results

PASS

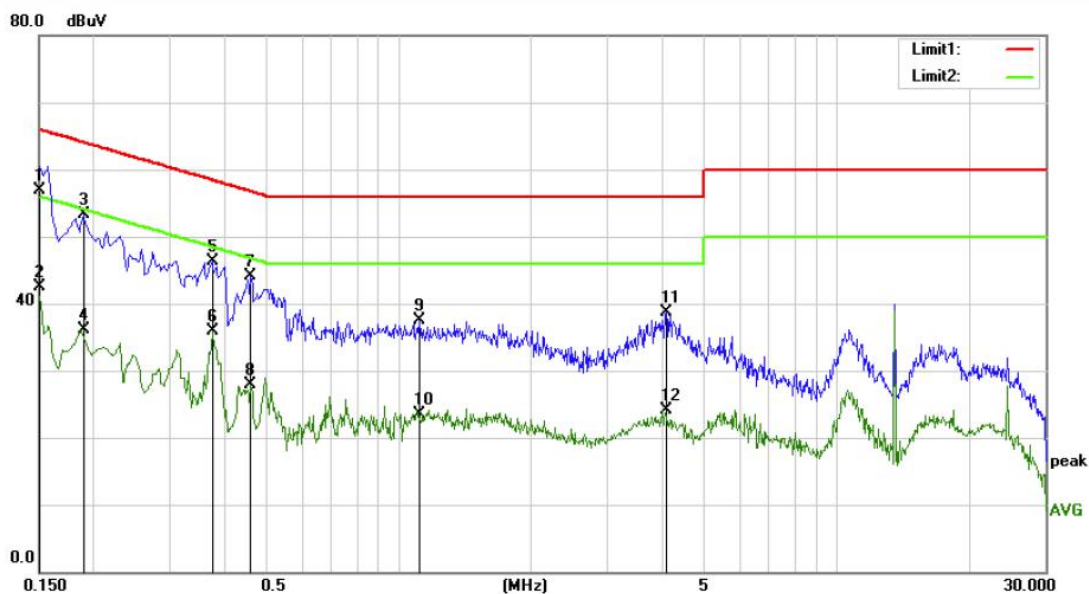
Temperature :	24.8°C	ATM Pressure:	1011 mbar
Humidity :	55%	Test Engineer:	Huan Yuan

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



Site Conduction #1 Phase: **N** Temperature: 24.8

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1500	47.89	9.71	57.60	66.00	-8.40	QP	
2		0.1500	30.04	9.71	39.75	56.00	-16.25	AVG	
3		0.2060	41.95	9.73	51.68	63.37	-11.69	QP	
4		0.2060	27.25	9.73	36.98	53.37	-16.39	AVG	
5		0.3060	38.36	9.73	48.09	60.08	-11.99	QP	
6		0.3060	24.78	9.73	34.51	50.08	-15.57	AVG	
7		0.4300	32.95	9.71	42.66	57.25	-14.59	QP	
8		0.4300	20.17	9.71	29.88	47.25	-17.37	AVG	
9		4.0260	27.22	9.72	36.94	56.00	-19.06	QP	
10		4.0260	12.13	9.72	21.85	46.00	-24.15	AVG	
11		10.5060	27.46	9.95	37.41	60.00	-22.59	QP	
12		10.5060	18.71	9.95	28.66	50.00	-21.34	AVG	



Site Conduction #1 Phase: L1 Temperature: 24.8

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1500	47.30	9.70	57.00	66.00	-9.00	QP	
2		0.1500	32.75	9.70	42.45	56.00	-13.55	AVG	
3		0.1900	43.55	9.70	53.25	64.04	-10.79	QP	
4		0.1900	26.50	9.70	36.20	54.04	-17.84	AVG	
5		0.3740	36.55	9.70	46.25	58.41	-12.16	QP	
6		0.3740	26.30	9.70	36.00	48.41	-12.41	AVG	
7		0.4580	34.33	9.71	44.04	56.73	-12.69	QP	
8		0.4580	18.13	9.71	27.84	46.73	-18.89	AVG	
9		1.1140	27.77	9.71	37.48	56.00	-18.52	QP	
10		1.1140	13.81	9.71	23.52	46.00	-22.48	AVG	
11		4.0820	29.04	9.75	38.79	56.00	-17.21	QP	
12		4.0820	14.29	9.75	24.04	46.00	-21.96	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 °C	ATM Pressure:	1011 mbar
Humidity :	60 %	Test Engineer:	GJ

The EUT is Integrated Antenna, antenna gain is Ant1: 4.53dBi, Ant2: 3.90dBi.

- ☒ 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.
3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责。
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.
4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内，仅作为客户委托、科研、教学或内部质量控制等目的使用。
4. The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.
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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.