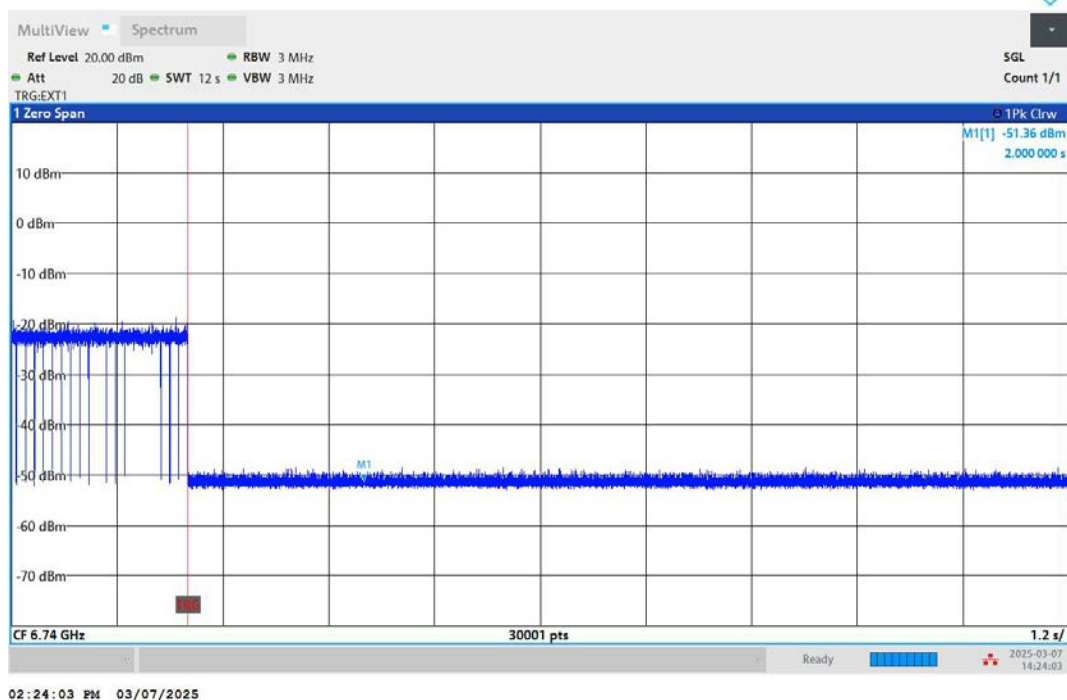
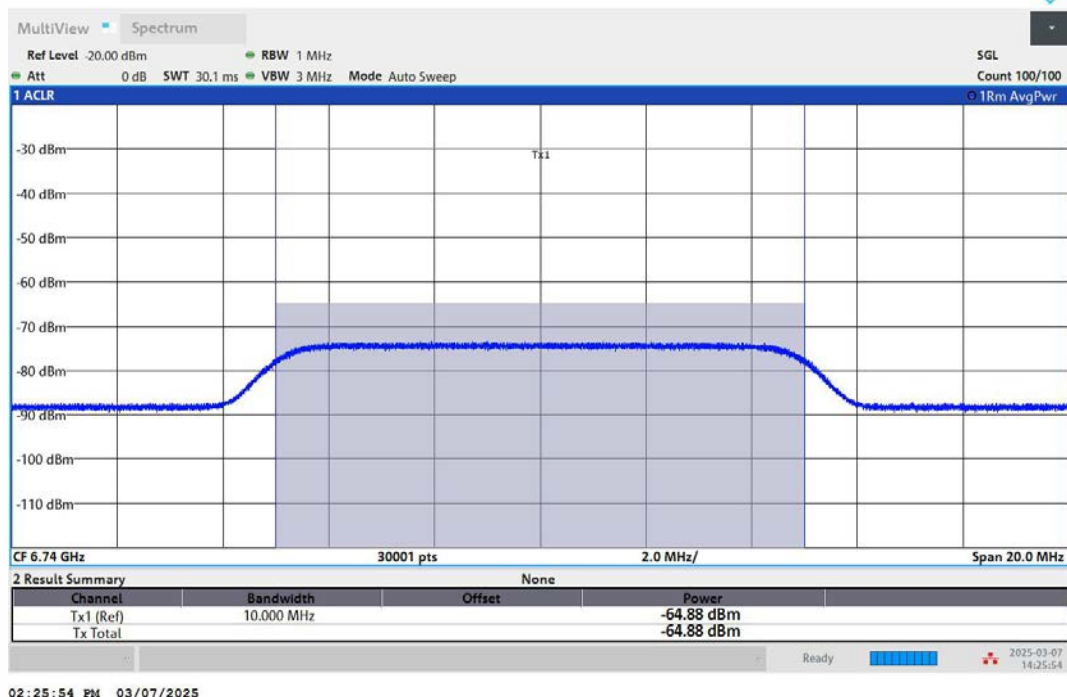
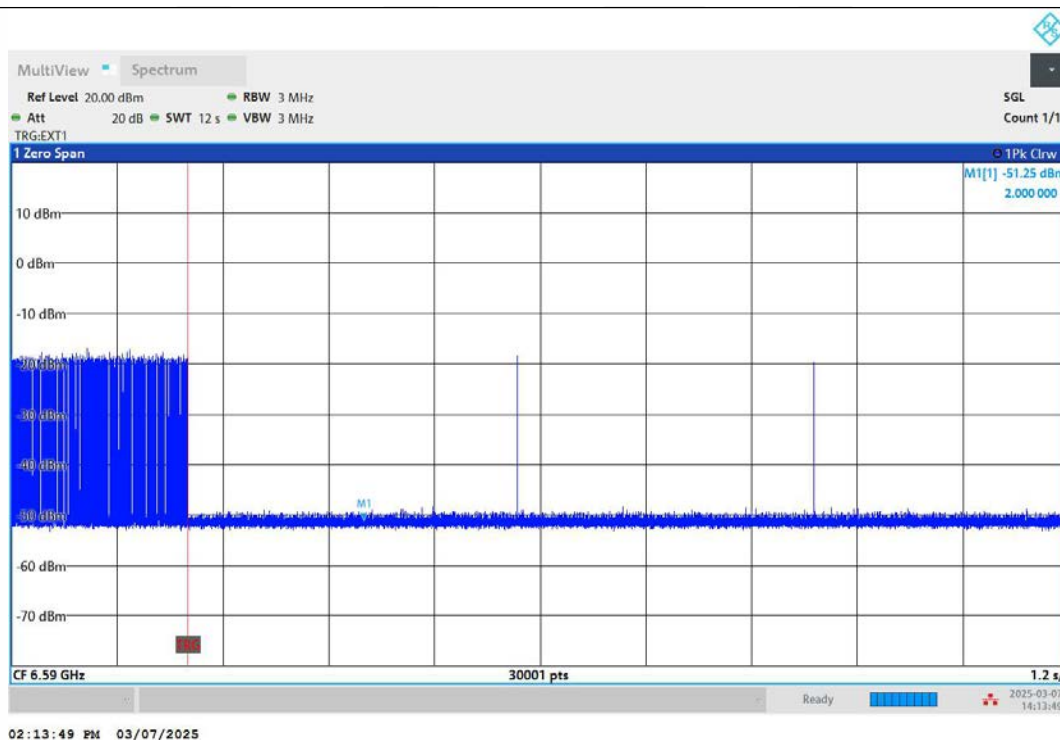
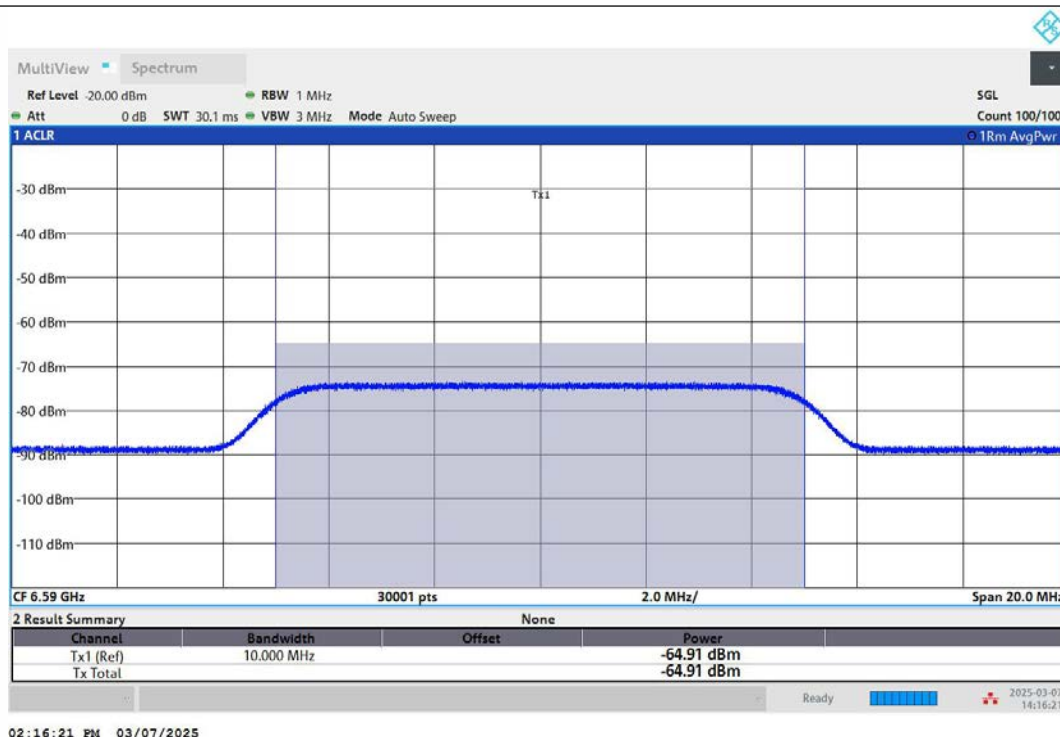
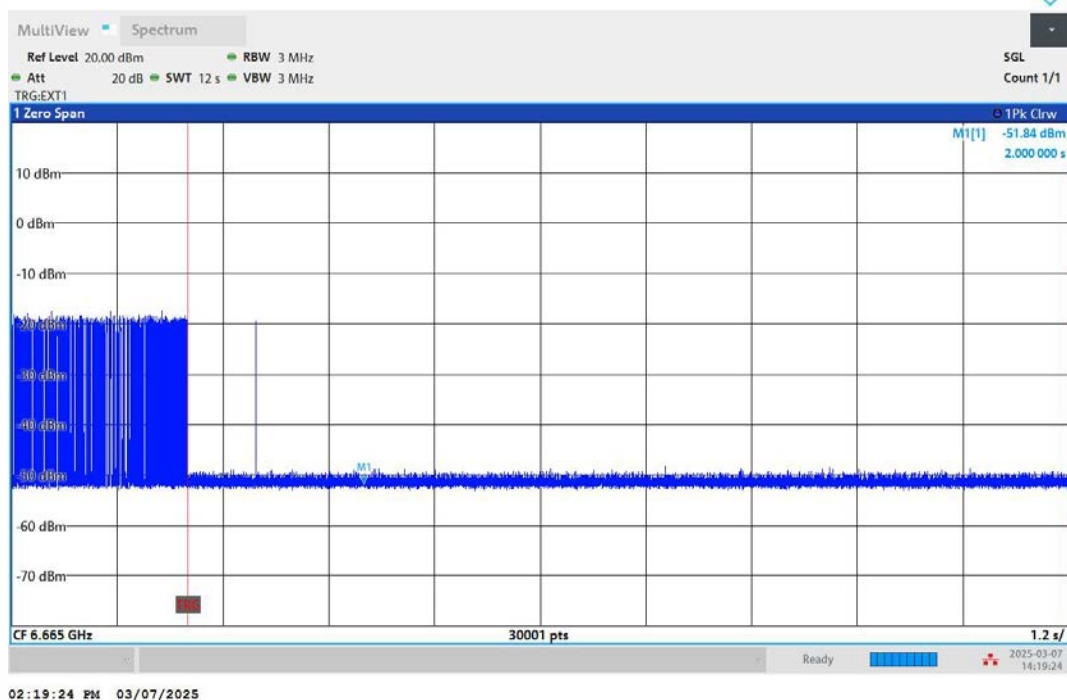
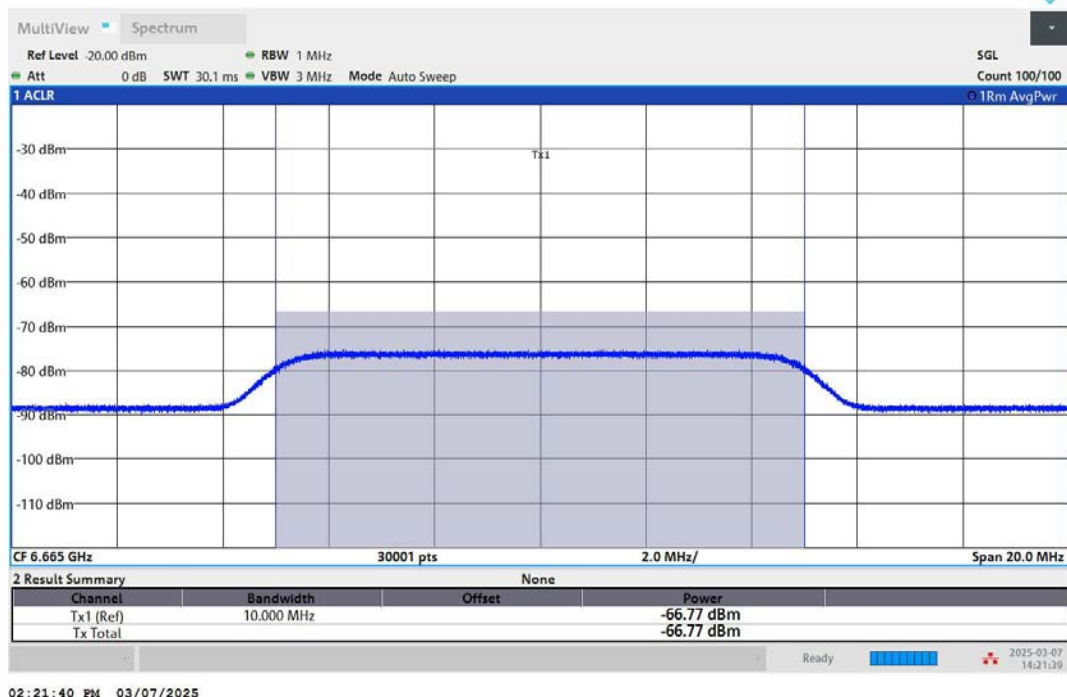




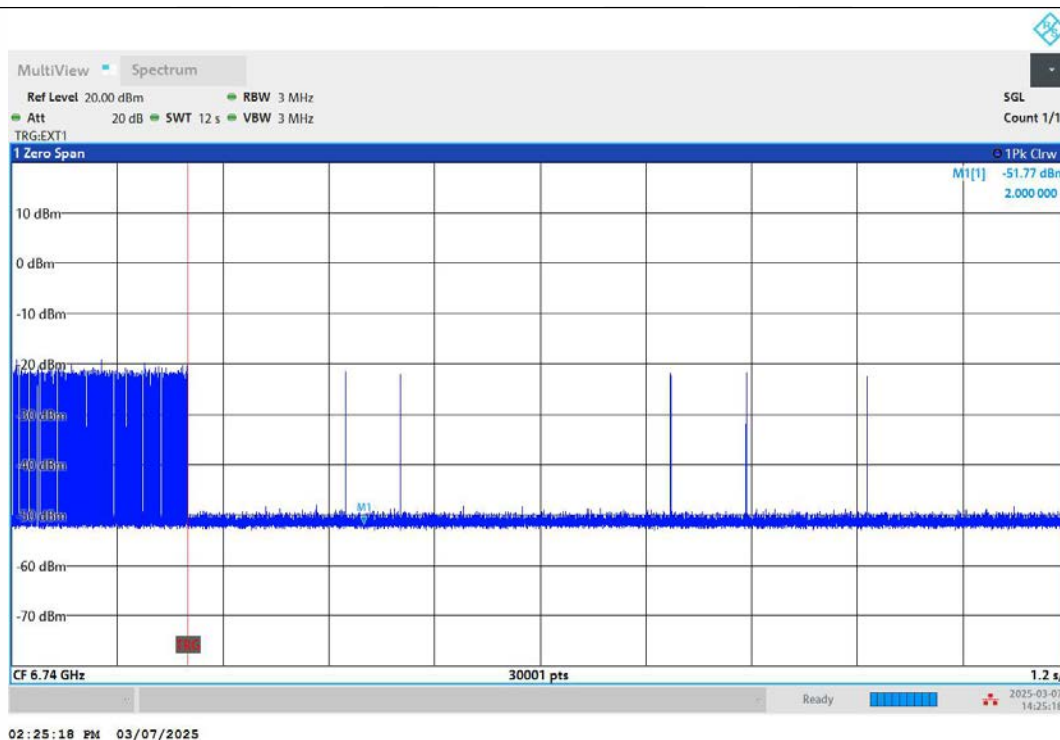
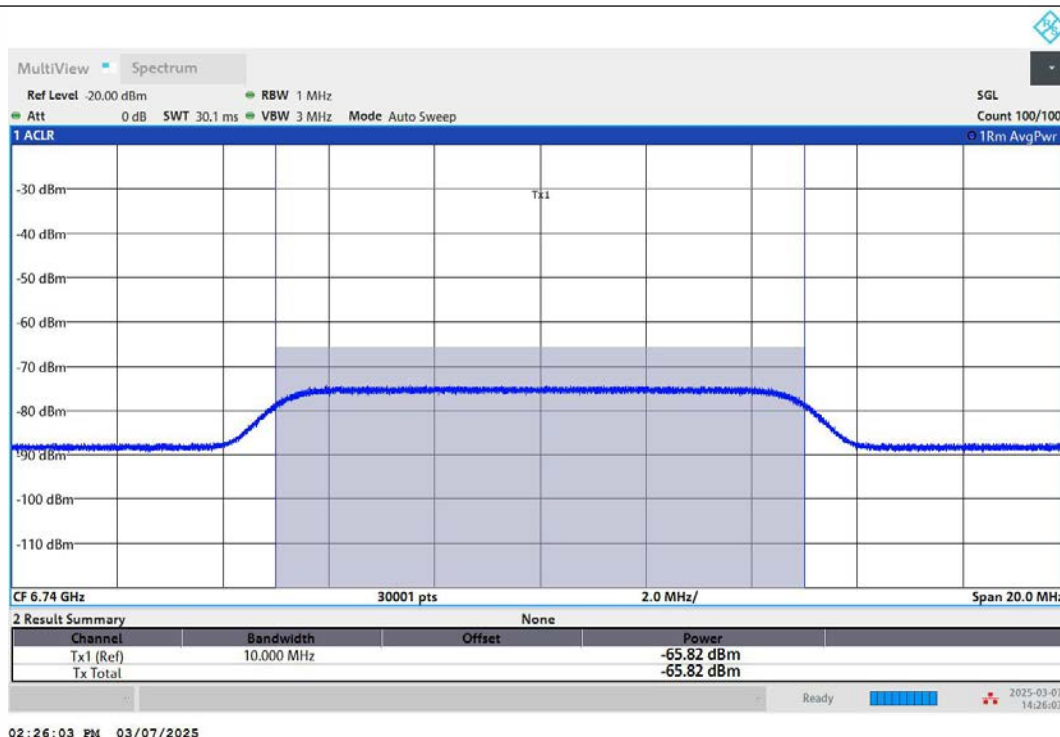
11AX160MIMO-Ant1-6665-Low-6590-Minimal



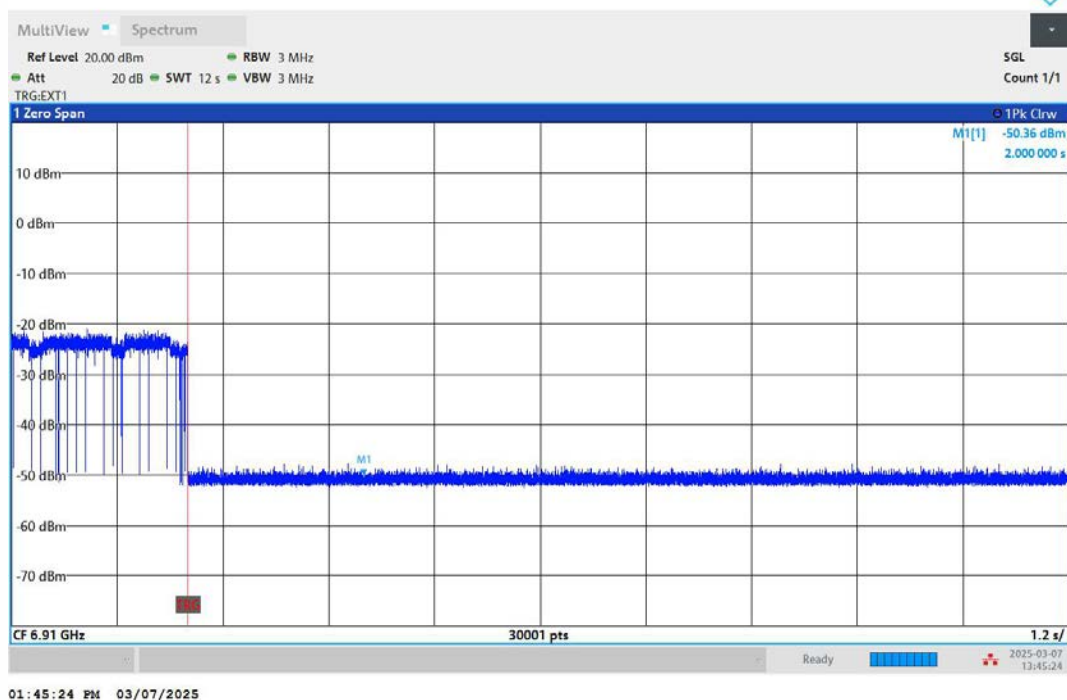
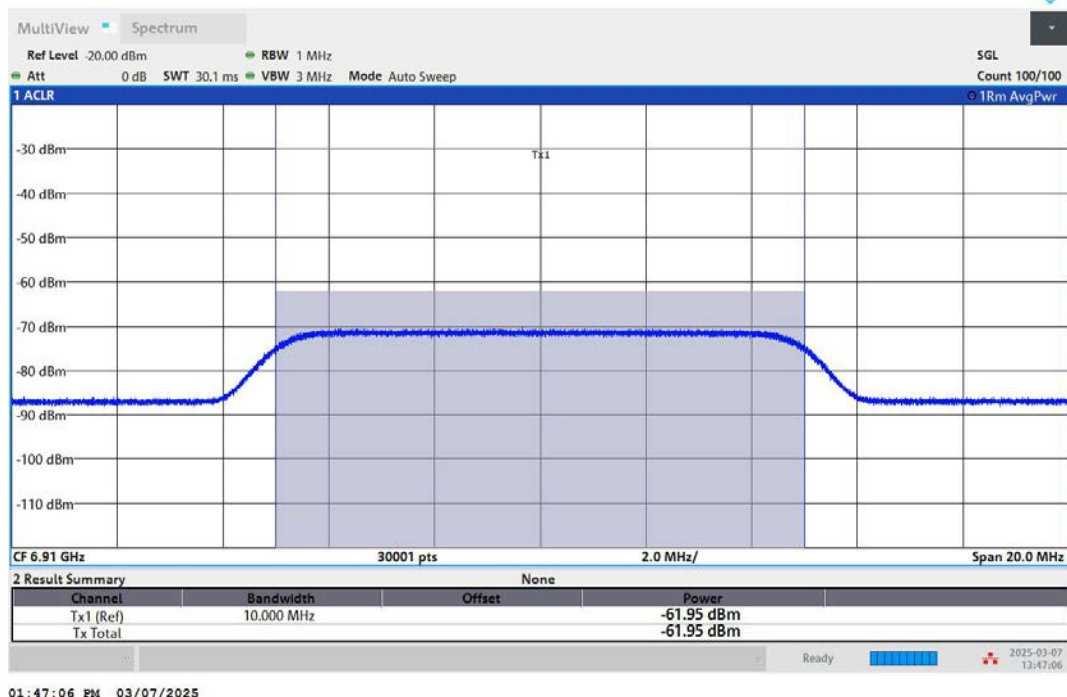
11AX160MIMO-Ant1-6665-Center-6665-Minimal



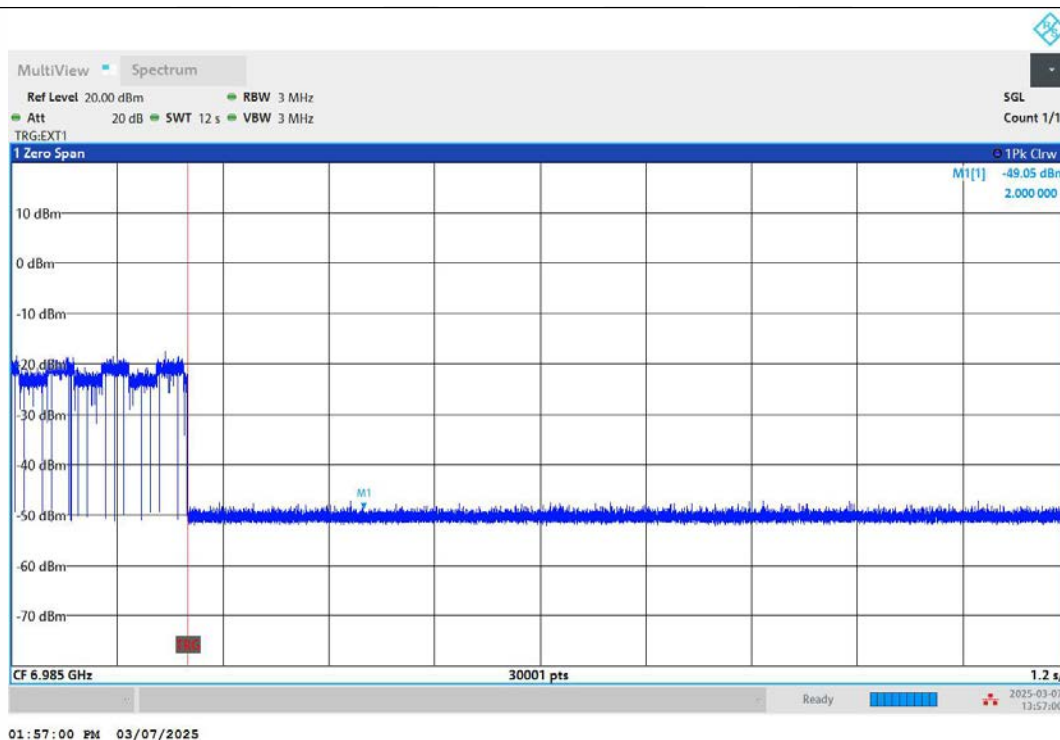
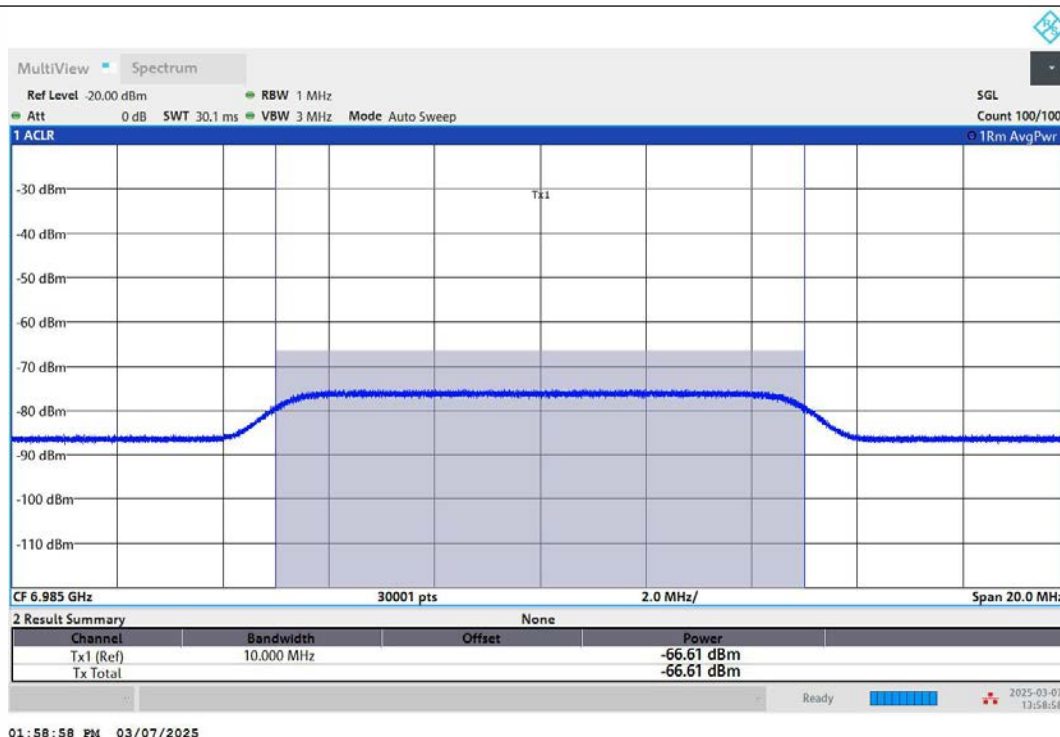
11AX160MIMO-Ant1-6665-High-6740-Minimal



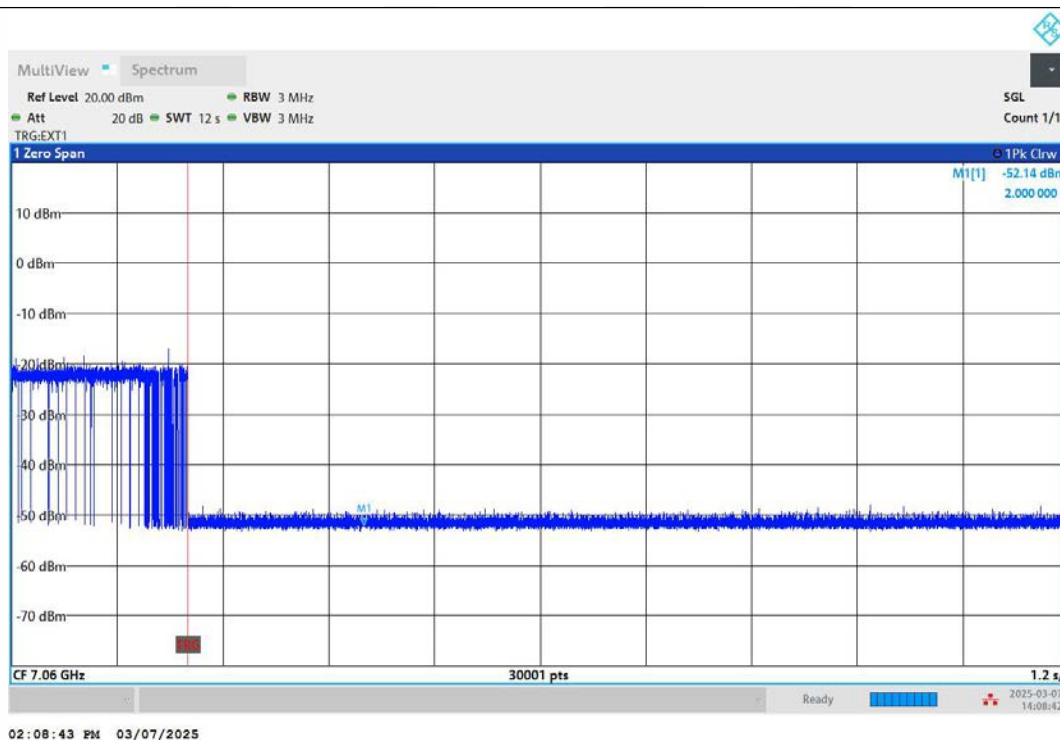
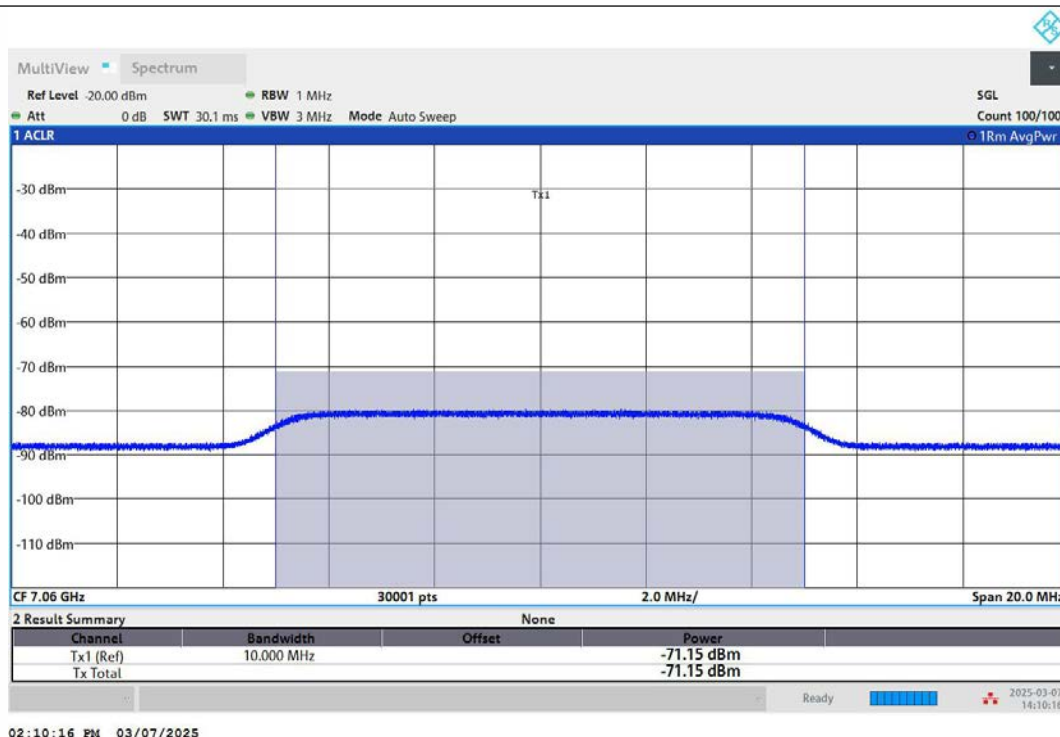
11AX160MIMO-Ant1-6985-Low-6910-OFF-PASS



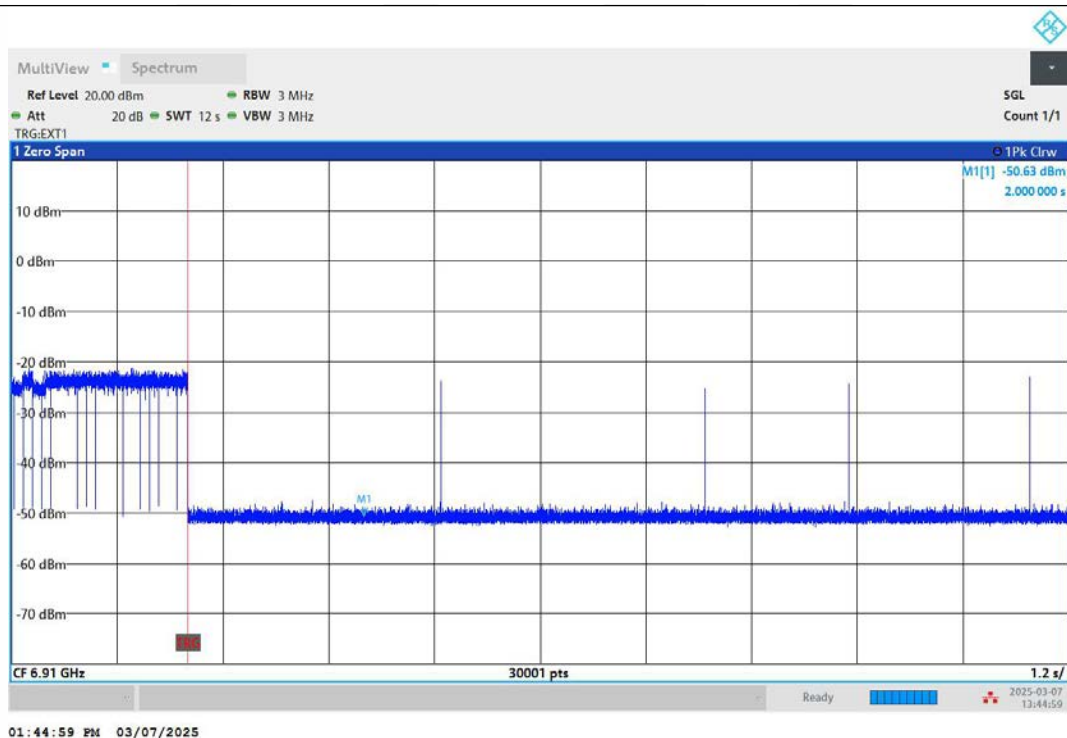
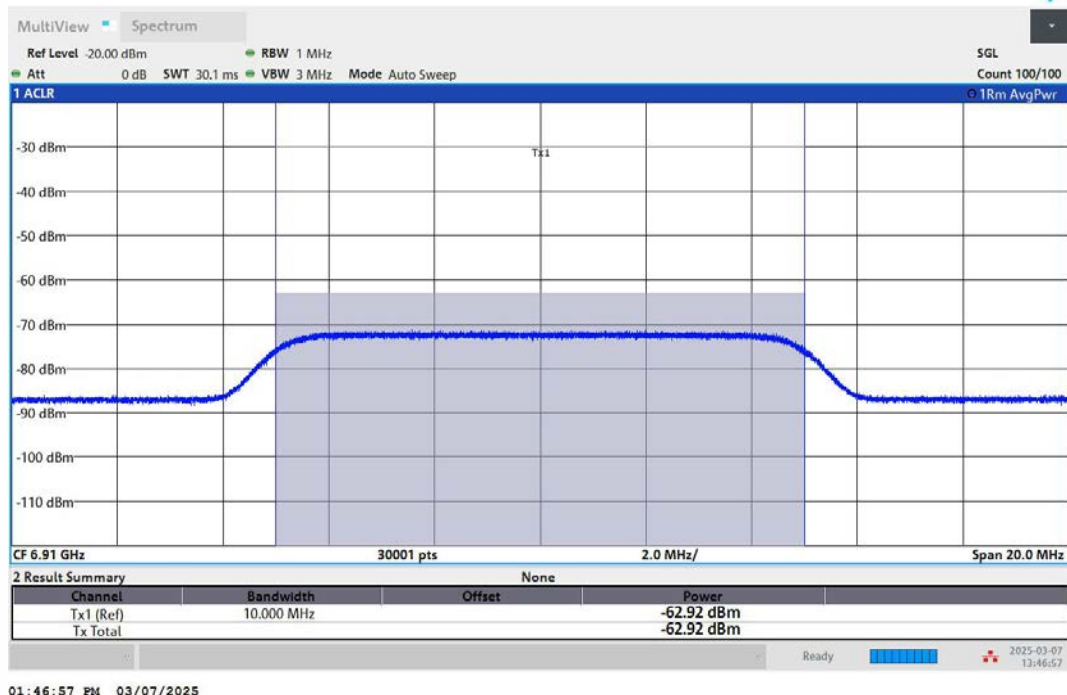
11AX160MIMO-Ant1-6985-Center-6985-OFF-PASS



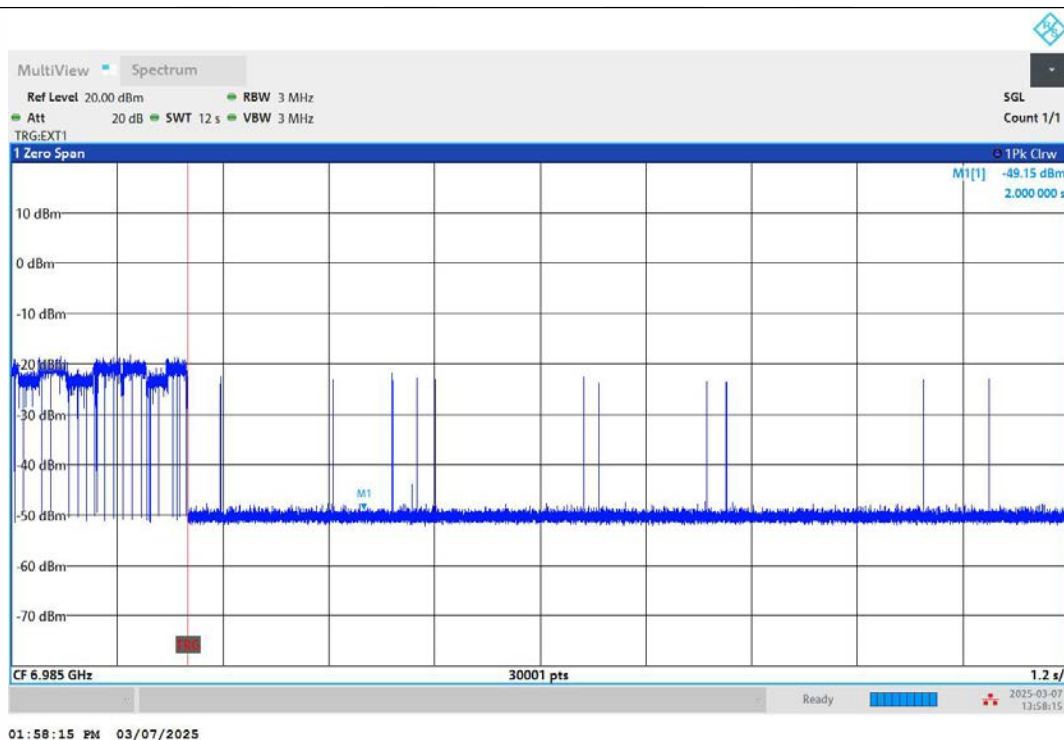
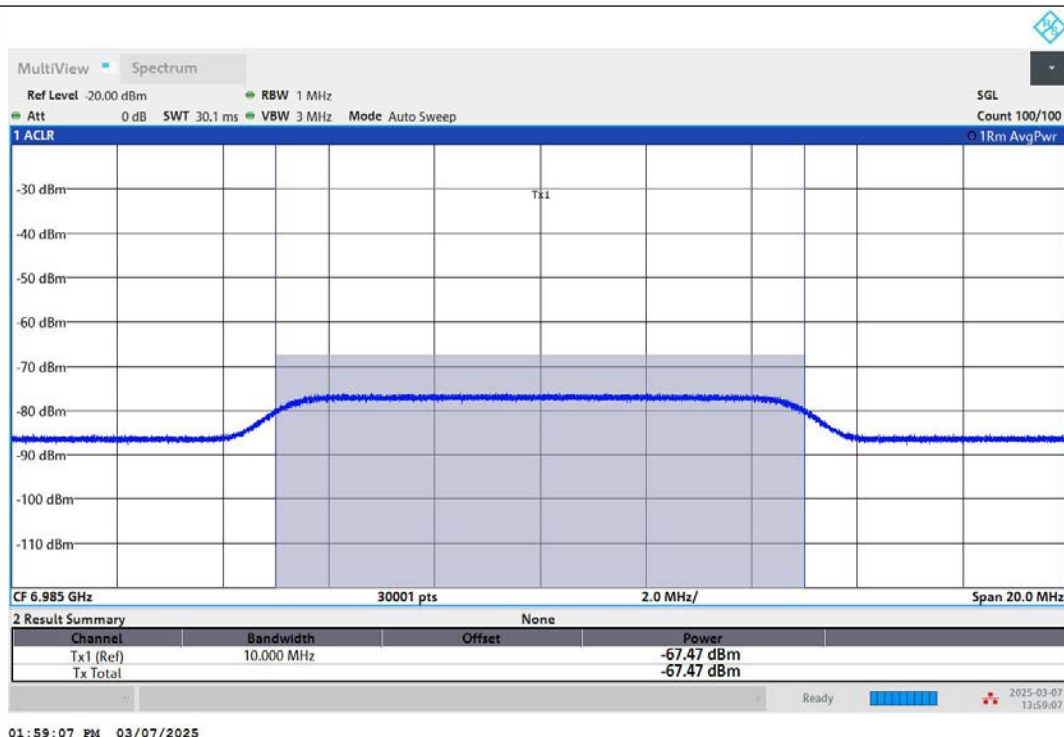
11AX160MIMO-Ant1-6985-High-7060-OFF-PASS



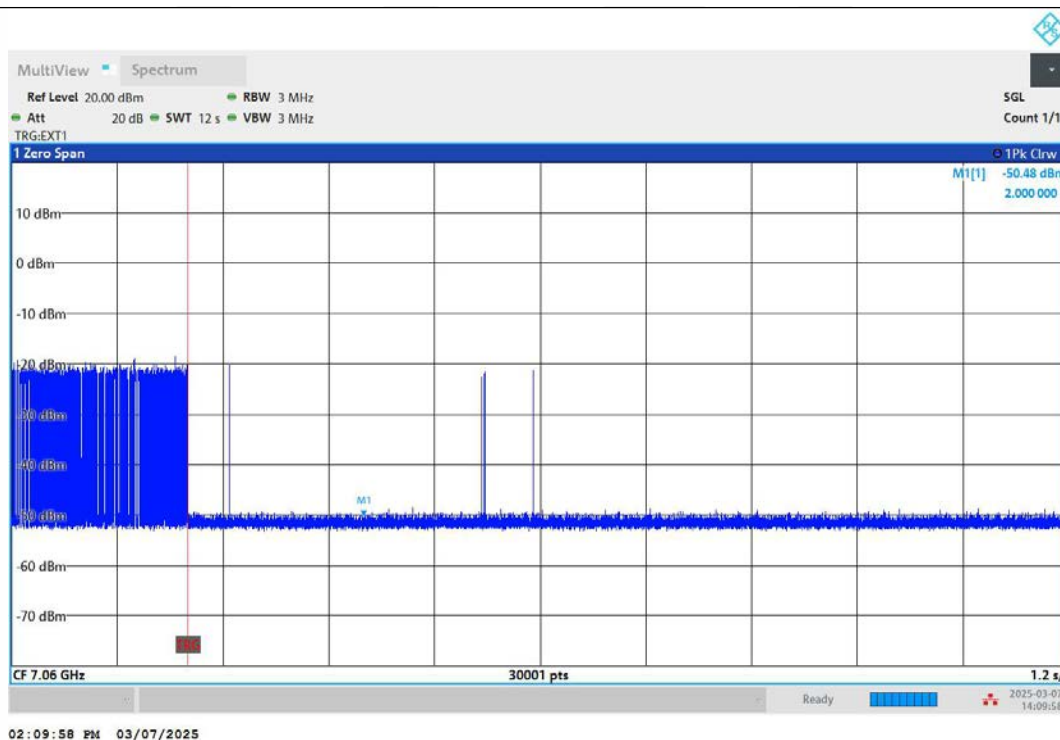
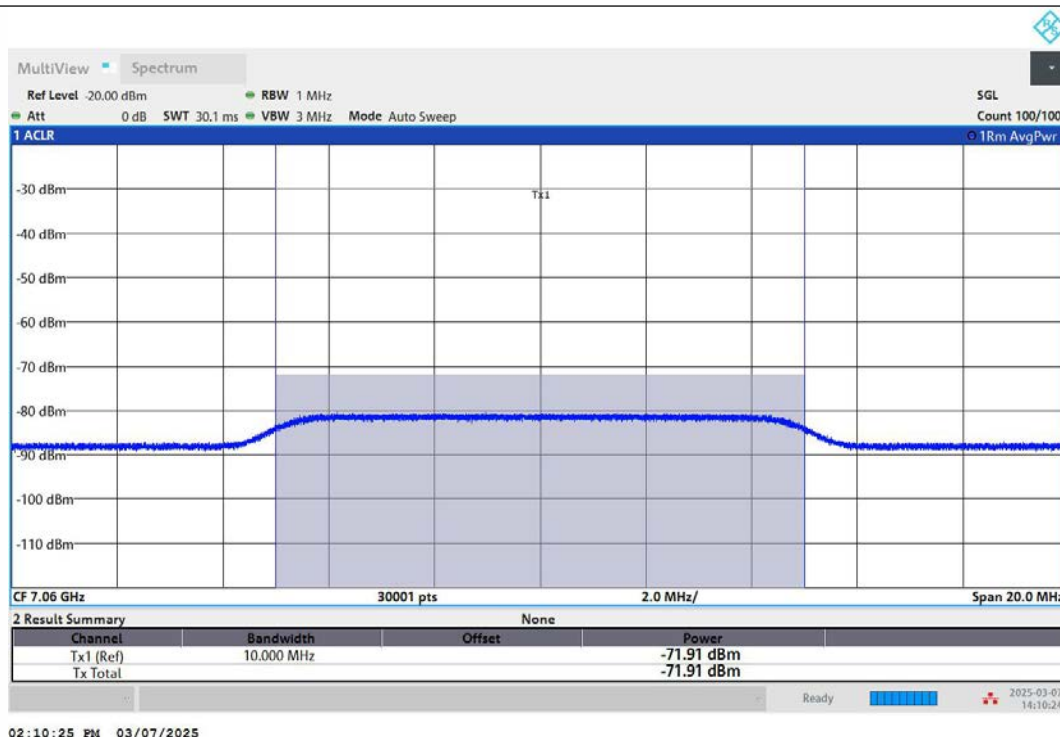
11AX160MIMO-Ant1-6985-Low-6910-Minimal



11AX160MIMO-Ant1-6985-Center-6985-Minimal



11AX160MIMO-Ant1-6985-High-7060-Minimal



8.6 RADIATED SPURIOUS EMISSION

8.6.1 Applicable Standard

According to FCC Part 15.407 (b), 15.209, 15.205
 According to 789033 D02 Section II.G
 According to 987594 D02 Section II.G
 According to RSS-GEN 8.9, 8.10 and 6.13
 According to RSS-248 4.7

8.6.2 Conformance Limit

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.
 Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209
 The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

Restricted Frequency(MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Measurement Distance
0.009-0.490	2400/F(KHz)	20 log (uV/m)	300
0.490-1.705	24000/F(KHz)	20 log (uV/m)	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The provisions of §15.205 apply to intentional radiators operating under this section, 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

8.6.3 Test Configuration

Test according to clause 7.2 radio frequency test setup

8.6.4 Test Procedure

■ Unwanted Emissions Measurements below 1000 MHz

Compliance shall be demonstrated using CISPR quasi-peak detection; however, peak detection is permitted as an alternative to quasi-peak detection.

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

And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

Repeat above procedures until all frequency measured was complete.

We use software control the EUT, Let EUT hopping on and transmit with highest power, All the modes have been tested and the worst result was reported.

Use the following spectrum analyzer settings:

Set RBW=120kHz for $f < 1$ GHz(30MHz to 1GHz), 200Hz for $f < 150$ KHz(9KHz to 150KHz), 9KHz for $f < 30$ MHz(150KHz to 30MHz).

Set the VBW > RBW.

Detector = Peak.

Trace mode = max hold.

Follow the guidelines in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Repeat above procedures until all frequency measured was complete.

■ Unwanted Maximum peak Emissions Measurements above 1000 MHz

Maximum emission levels are measured by setting the analyzer as follows:

RBW = 1 MHz.

VBW $\geq$ 3 MHz.

Detector = Peak.

Sweep time = auto.

Trace mode = max hold.

Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle. For example, at 50 percent duty cycle, the measurement time will increase by a factor of two relative to measurement time for continuous transmission.

■ Unwanted Average Emissions Measurements above 1000 MHz

Method AD (Average Detection): Primary method

RBW = 1 MHz.

VBW $\geq$ 3 MHz.

Detector = power averaging (rms), if $\text{span}/(\# \text{ of points in sweep}) \leq \text{RBW}/2$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, the detector mode shall be set to peak.

Averaging type = power averaging (rms)

Sweep time = auto.

Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, the number of traces shall be increased by a factor of $1/x$, where x is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—rather than turning on and off with the transmit cycle, at least 100 traces shall be averaged.)

If tests are performed with the EUT transmitting at a duty cycle less than 98%, a correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is $10 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB must be added to the measured emission levels.

8.6.5 Test Results

PASS

Temperature :	25℃	ATM Pressure:	1011 mbar
Humidity :	45 %	Test Engineer:	CZF

■ Spurious Emission below 30MHz(9KHz to 30MHz)

For Spurious Emission below 30MHz (9KHz to 30MHz), was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.



■ 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:			802.11AX(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	7964.98	57.25	-2.91	74.00	16.75	PK	Vertical	100
2	9988.99	61.10	3.29	74.00	12.90	PK	Vertical	120
3	12625.3	63.48	10.52	74.00	10.52	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	7964.982	40.25	54.00	13.75	AV	Vertical	105
2	9988.994	41.54	54.00	12.46	AV	Vertical	129
3	12625.31	45.99	54.00	8.01	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	7854.42	56.81	-3.08	74.00	17.19	PK	Horizontal	105
2	9929.46	61.49	3.03	74.00	12.51	PK	Horizontal	129
3	12548.7	63.66	9.93	74.00	10.34	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	7854.427	39.67	54.00	14.33	AV	Horizontal	105
2	9929.464	41.67	54.00	12.33	AV	Horizontal	150
3	12548.77	45.18	54.00	8.82	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: 802.11AX(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	7837.41	56.26	-3.10	74.00	17.74	PK	Vertical	109
2	9912.45	61.89	2.95	74.00	12.11	PK	Vertical	129
3	12710.3	64.01	9.61	74.00	9.99	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	7837.418	39.51	54.00	14.49	AV	Vertical	105
2	9912.456	41.59	54.00	12.41	AV	Vertical	159
3	12710.35	44.86	54.00	9.14	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	8696.34	57.81	0.15	74.00	16.19	PK	Horizontal	120
2	10023.0	61.03	3.56	74.00	12.97	PK	Horizontal	155
3	12591.2	63.80	10.69	74.00	10.20	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	8696.348	43.66	54.00	10.34	AV	Horizontal	119
2	10023.01	41.55	54.00	12.45	AV	Horizontal	129
3	12591.29	45.83	54.00	8.17	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: 802.11AX(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	7463.23	55.55	-2.86	74.00	18.45	PK	Vertical	110
2	9980.49	61.62	3.25	74.00	12.38	PK	Vertical	129
3	12582.7	63.27	10.54	74.00	10.73	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	7463.231	41.35	54.00	12.65	AV	Vertical	117
2	9980.490	41.89	54.00	12.11	AV	Vertical	129
3	12582.79	46.29	54.00	7.71	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	8738.86	58.04	-0.17	74.00	15.96	PK	Horizontal	119
2	10669.3	61.96	6.09	74.00	12.04	PK	Horizontal	129
3	12582.7	64.25	10.54	74.00	9.75	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	8738.869	43.34	54.00	10.66	AV	Horizontal	112
2	10669.33	44.73	54.00	9.27	AV	Horizontal	130
3	12582.79	45.76	54.00	8.24	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: 802.11AX(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	7488.74	55.91	-2.69	74.00	18.09	PK	Vertical	135
2	9895.44	61.22	2.81	74.00	12.78	PK	Vertical	201
3	12676.3	63.38	9.86	74.00	10.62	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	7488.744	40.16	54.00	13.84	AV	Vertical	138
2	9895.447	41.45	54.00	12.55	AV	Vertical	205
3	12676.33	44.97	54.00	9.03	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	6502.25	53.77	-5.12	74.00	20.23	PK	Horizontal	130
2	8704.85	59.17	0.17	74.00	14.83	PK	Horizontal	190
3	12582.7	63.63	10.54	74.00	10.37	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	6502.251	37.63	54.00	16.37	AV	Horizontal	141
2	8704.852	38.81	54.00	15.19	AV	Horizontal	199
3	12582.79	46.46	54.00	7.54	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: 802.11AX(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	7862.93	56.09	-3.09	74.00	17.91	PK	Vertical	145
2	9988.99	61.49	3.29	74.00	12.51	PK	Vertical	180
3	12582.7	63.29	10.54	74.00	10.71	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	7862.931	39.79	54.00	14.21	AV	Vertical	150
2	9988.994	41.70	54.00	12.30	AV	Vertical	185
3	12582.79	45.60	54.00	8.40	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	6434.21	54.50	-5.30	74.00	19.50	PK	Horizontal	148
2	8670.83	57.93	-0.32	74.00	16.07	PK	Horizontal	191
3	12582.7	63.96	10.54	74.00	10.04	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	6434.217	37.21	54.00	16.79	AV	Horizontal	151
2	8670.835	37.74	54.00	16.26	AV	Horizontal	185
3	12582.79	45.91	54.00	8.09	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: 802.11AX(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	6944.47	55.32	-3.12	74.00	18.68	PK	Vertical	130
2	9903.95	60.89	2.92	74.00	13.11	PK	Vertical	178
3	12599.7	63.67	10.84	74.00	10.33	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	6944.472	39.45	54.00	14.55	AV	Vertical	139
2	9903.952	41.38	54.00	12.62	AV	Vertical	180
3	12599.79	46.78	54.00	7.22	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	7012.50	55.39	-2.73	74.00	18.61	PK	Horizontal	139
2	9903.95	60.92	2.92	74.00	13.08	PK	Horizontal	180
3	12582.7	64.01	10.54	74.00	9.99	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	7012.506	40.11	54.00	13.89	AV	Horizontal	136
2	9903.952	41.56	54.00	12.44	AV	Horizontal	183
3	12582.79	46.27	54.00	7.73	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.

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(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	7701.35	55.56	-3.07	74.00	18.44	PK	Vertical	139
2	10031.5	60.77	3.65	74.00	13.23	PK	Vertical	110
3	12582.7	63.68	10.54	74.00	10.32	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	7701.350	39.44	54.00	14.56	AV	Vertical	128
2	10031.51	41.69	54.00	12.31	AV	Vertical	118
3	12582.79	46.36	54.00	7.64	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	7811.90	55.61	-3.13	74.00	18.39	PK	Horizontal	130
2	9946.47	60.93	3.10	74.00	13.07	PK	Horizontal	110
3	12599.7	63.41	10.84	74.00	10.59	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	7811.906	39.62	54.00	14.38	AV	Horizontal	141
2	9946.473	41.55	54.00	12.45	AV	Horizontal	128
3	12599.79	46.02	54.00	7.98	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: 802.11AX(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	7930.96	56.61	-3.00	74.00	17.39	PK	Vertical	140
2	9929.46	60.42	3.03	74.00	13.58	PK	Vertical	119
3	12591.2	63.68	10.69	74.00	10.32	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	7930.965	39.51	54.00	14.49	AV	Vertical	145
2	9929.464	41.67	54.00	12.33	AV	Vertical	116
3	12591.29	46.08	54.00	7.92	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	8636.81	58.54	-0.95	74.00	15.46	PK	Horizontal	133
2	10669.3	62.23	6.09	74.00	11.77	PK	Horizontal	110
3	12599.7	63.38	10.84	74.00	10.62	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	8636.818	42.30	54.00	11.70	AV	Horizontal	140
2	10669.33	44.54	54.00	9.46	AV	Horizontal	115
3	12599.79	46.58	54.00	7.42	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.

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(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	8653.82	57.47	-0.63	74.00	16.53	PK	Vertical	122
2	10116.5	61.60	3.95	74.00	12.40	PK	Vertical	130
3	12599.7	63.71	10.84	74.00	10.29	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	8653.826	41.95	54.00	12.05	AV	Vertical	120
2	10116.55	42.28	54.00	11.72	AV	Vertical	138
3	12599.79	45.93	54.00	8.07	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	7454.72	55.38	-2.91	74.00	18.62	PK	Horizontal	120
2	9971.98	60.87	3.22	74.00	13.13	PK	Horizontal	138
3	12523.2	63.41	9.48	74.00	10.59	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	7454.727	39.55	54.00	14.45	AV	Horizontal	128
2	9971.986	41.79	54.00	12.21	AV	Horizontal	150
3	12523.26	44.67	54.00	9.33	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: 802.11AX(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	8602.80	57.07	-1.57	74.00	16.93	PK	Vertical	151
2	11094.5	61.57	5.89	74.00	12.43	PK	Vertical	136
3	12565.7	63.06	10.23	74.00	10.94	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	8602.801	40.94	54.00	13.06	AV	Vertical	160
2	11094.54	44.43	54.00	9.57	AV	Vertical	150
3	12565.78	46.15	54.00	7.85	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	7395.19	55.04	-3.26	74.00	18.96	PK	Horizontal	167
2	9980.49	61.03	3.25	74.00	12.97	PK	Horizontal	150
3	12599.7	63.36	10.84	74.00	10.64	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	7395.197	39.31	54.00	14.69	AV	Horizontal	160
2	9980.490	41.89	54.00	12.11	AV	Horizontal	155
3	12599.79	45.96	54.00	8.04	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: 802.11AX(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	8679.33	57.70	-0.16	74.00	16.30	PK	Vertical	166
2	10966.9	61.46	5.78	74.00	12.54	PK	Vertical	131
3	12531.7	63.56	9.63	74.00	10.44	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	8679.339	42.35	54.00	11.65	AV	Vertical	155
2	10966.98	44.24	54.00	9.76	AV	Vertical	129
3	12531.76	44.65	54.00	9.35	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	8730.36	57.75	-0.08	74.00	16.25	PK	Horizontal	169
2	10040.0	60.93	3.74	74.00	13.07	PK	Horizontal	130
3	12582.7	64.15	10.54	74.00	9.85	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	8730.365	42.28	54.00	11.72	AV	Horizontal	156
2	10040.02	41.89	54.00	12.11	AV	Horizontal	135
3	12582.79	46.03	54.00	7.97	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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U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(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	7862.93	57.33	-3.09	74.00	16.67	PK	Vertical	148
2	9988.99	61.03	3.29	74.00	12.97	PK	Vertical	137
3	12599.7	63.33	10.84	74.00	10.67	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	7862.931	40.06	54.00	13.94	AV	Vertical	146
2	9988.994	41.93	54.00	12.07	AV	Vertical	130
3	12599.79	46.09	54.00	7.91	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	8687.84	57.50	0.00	74.00	16.50	PK	Horizontal	140
2	10694.8	61.39	6.88	74.00	12.61	PK	Horizontal	120
3	12582.7	63.42	10.54	74.00	10.58	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	8687.843	45.21	54.00	8.79	AV	Horizontal	150
2	10694.84	45.13	54.00	8.87	AV	Horizontal	120
3	12582.79	46.16	54.00	7.84	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: 802.11AX(20) Frequency(MHz): 5955

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5921.205	55.63	40.33	68.20	12.57	PK	Vertical
2	7154.12	58.36	44.05	68.20	9.84	PK	Vertical
1	5915.3475	56.75	40.32	68.20	11.45	PK	Horizontal
2	7136.9025	58.48	44.18	68.20	9.72	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: 802.11AX(20) Frequency(MHz): 6415

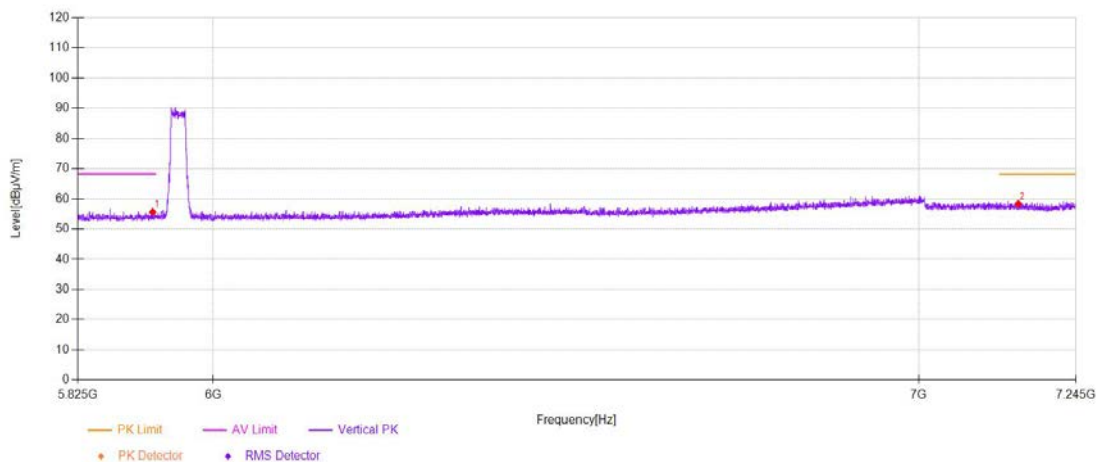
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5907.36	55.78	40.29	68.20	12.42	PK	Vertical
2	7147.73	58.89	44.11	68.20	9.31	PK	Vertical
1	5909.49	56.32	40.30	68.20	11.88	PK	Horizontal
2	7139.3875	59.98	44.17	68.20	8.22	PK	Horizontal
Note: (1) Peak RBW = 1 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: 802.11AX(20)

Frequency(MHz): 5955

Ant.Pol: V

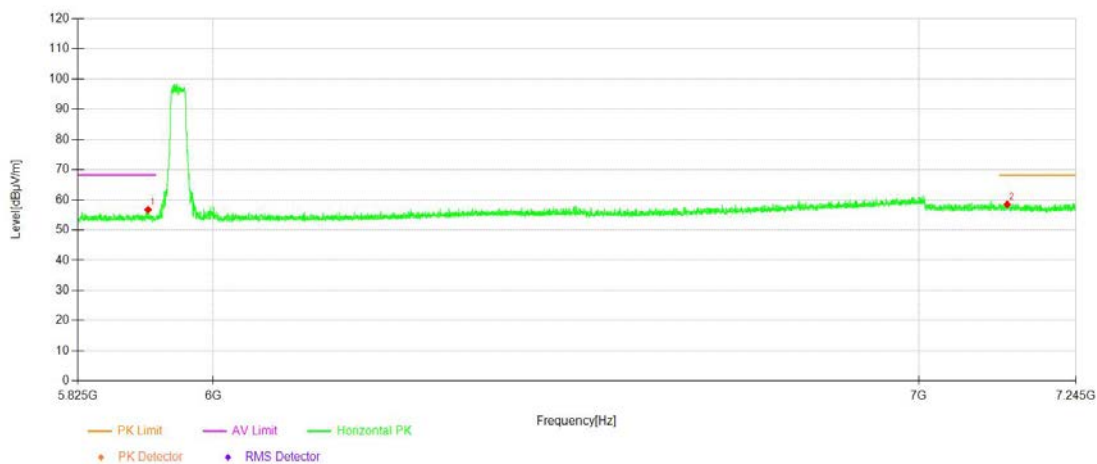


U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 5955

Ant.Pol: H

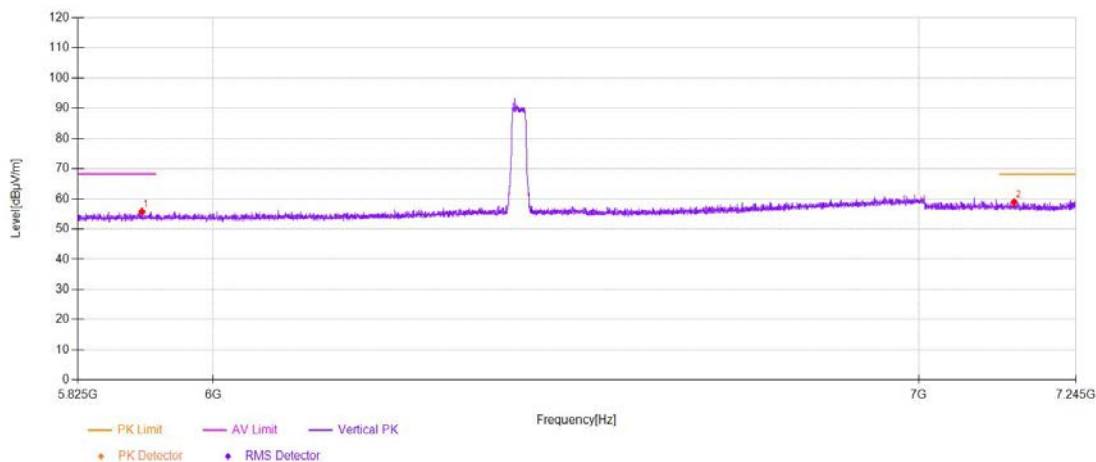


U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6415

Ant.Pol: V

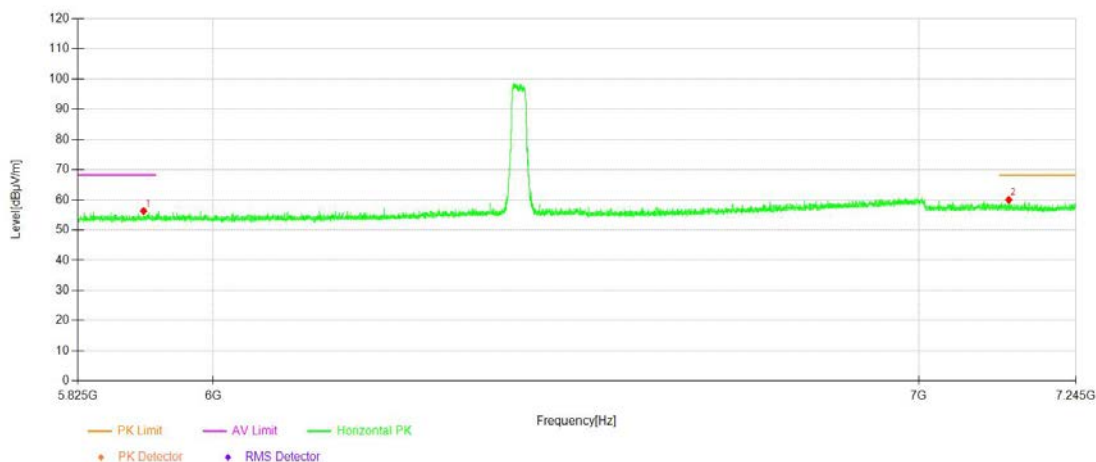


U-NII 5 Band (5925 ~ 6425MHz)

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

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5915.17	55.42	40.32	68.20	12.78	PK	Vertical
2	7133.7075	58.98	44.21	68.20	9.22	PK	Vertical
1	5915.7025	55.14	40.32	68.20	13.06	PK	Horizontal
2	7141.695	58.86	44.14	68.20	9.34	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: 802.11AX(20) **Frequency(MHz):** 6515

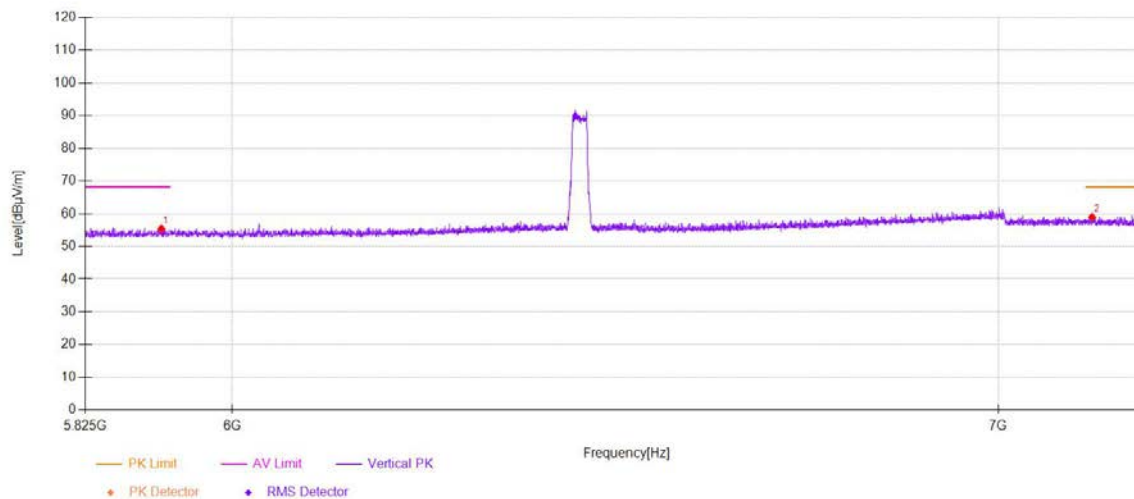
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5922.8025	54.89	40.34	68.20	13.31	PK	Vertical
2	7137.9675	58.87	44.18	68.20	9.33	PK	Vertical
1	5920.14	56.66	40.33	68.20	11.54	PK	Horizontal
2	7136.725	59.90	44.18	68.20	8.30	PK	Horizontal
Note: (1) Peak RBW = 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: 802.11AX(20)

Frequency(MHz): 6435

Ant.Pol: V

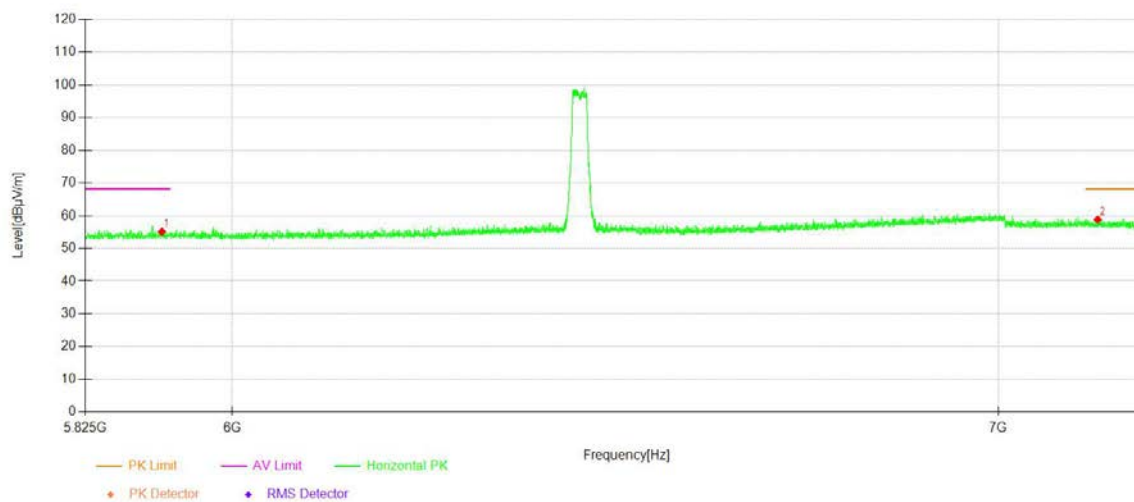


U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6435

Ant.Pol: H

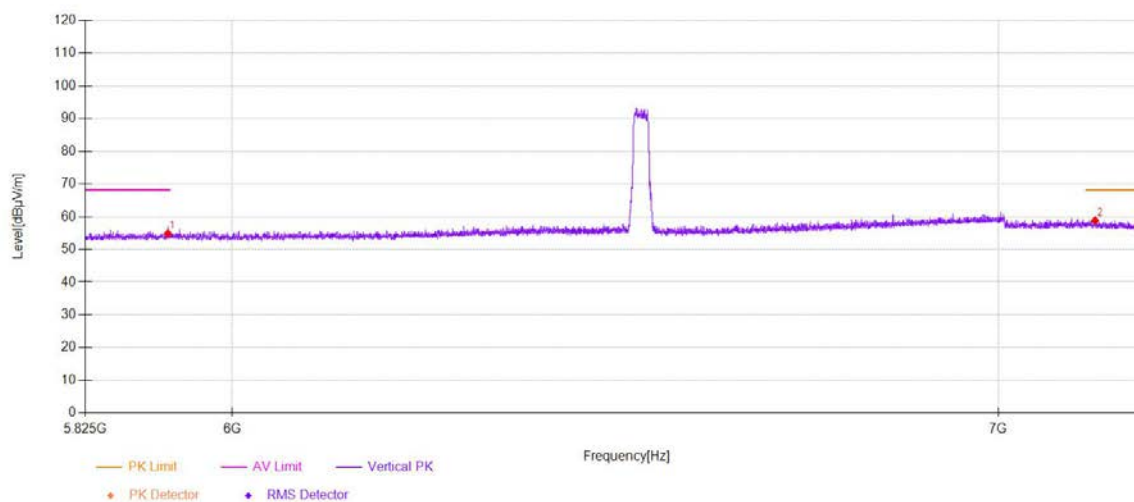


U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6515

Ant.Pol: V

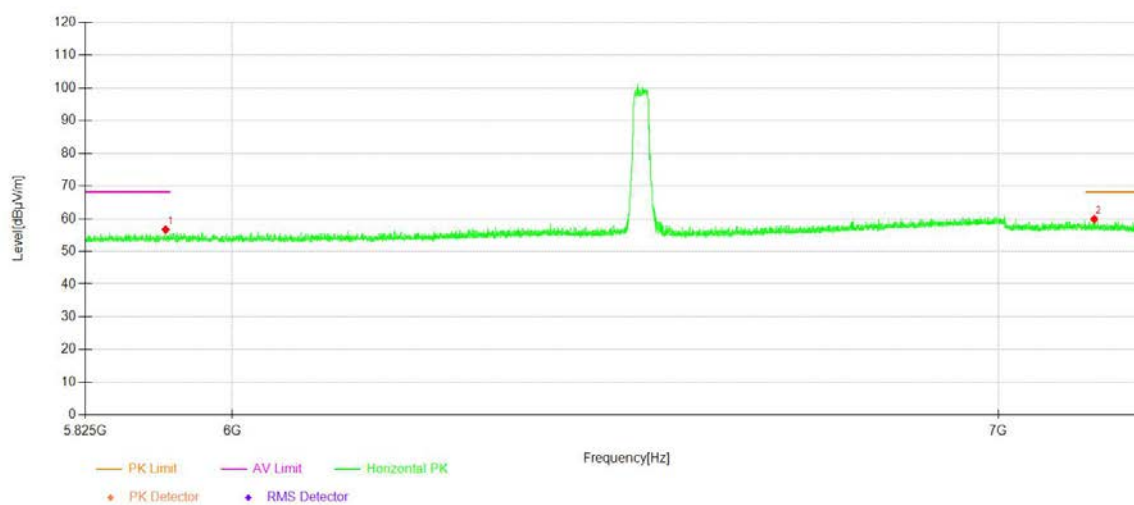


U-NII 6 Band (6425 ~ 6525MHz)

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

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5913.9275	55.99	40.32	68.20	12.21	PK	Vertical
2	7148.44	58.30	44.10	68.20	9.90	PK	Vertical
1	5918.365	55.47	40.33	68.20	12.73	PK	Horizontal
2	7149.15	59.60	44.10	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 7 Band (6525 ~ 6875MHz)

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

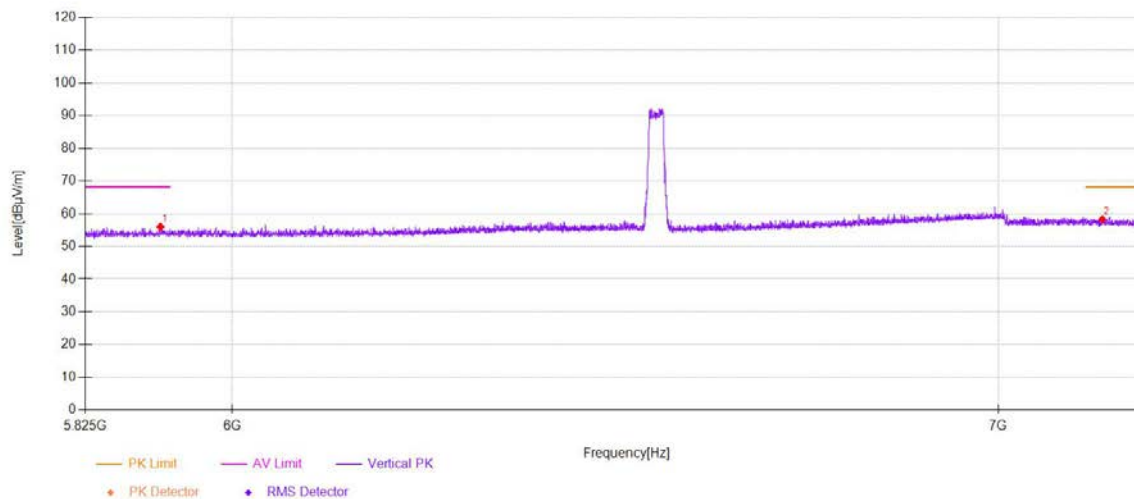
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5915.525	55.74	40.32	68.20	12.46	PK	Vertical
2	7141.8725	59.11	44.14	68.20	9.09	PK	Vertical
1	5914.6375	55.30	40.32	68.20	12.90	PK	Horizontal
2	7156.96	58.68	44.03	68.20	9.52	PK	Horizontal
Note: (1) Peak RBW = 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

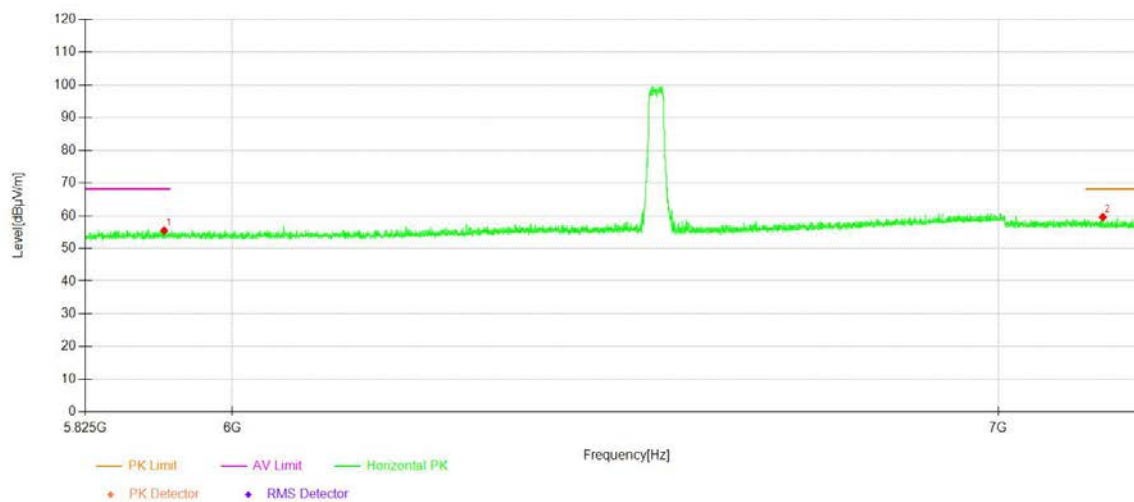


U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11n(20)

Frequency(MHz): 6535

Ant.Pol: H

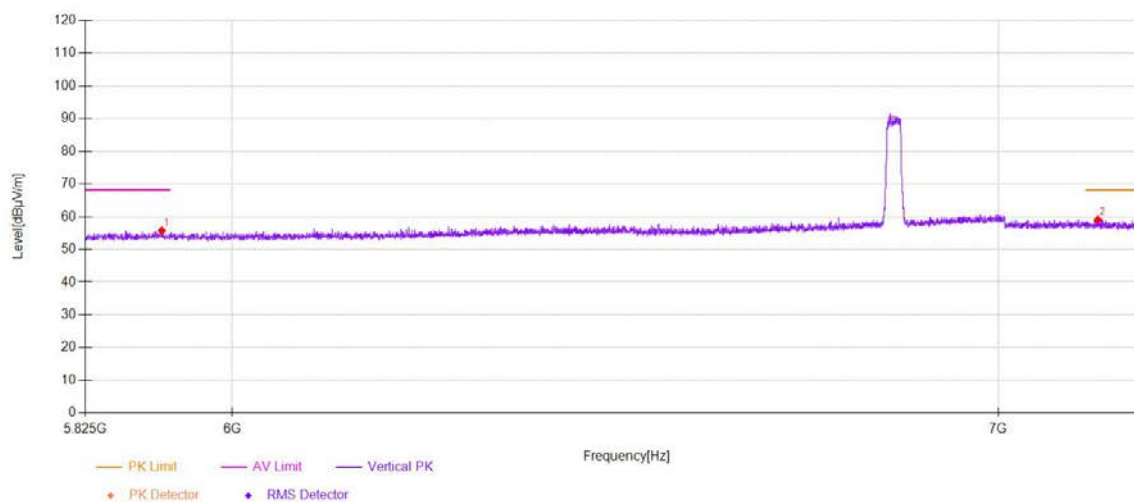


U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6855

Ant.Pol: V

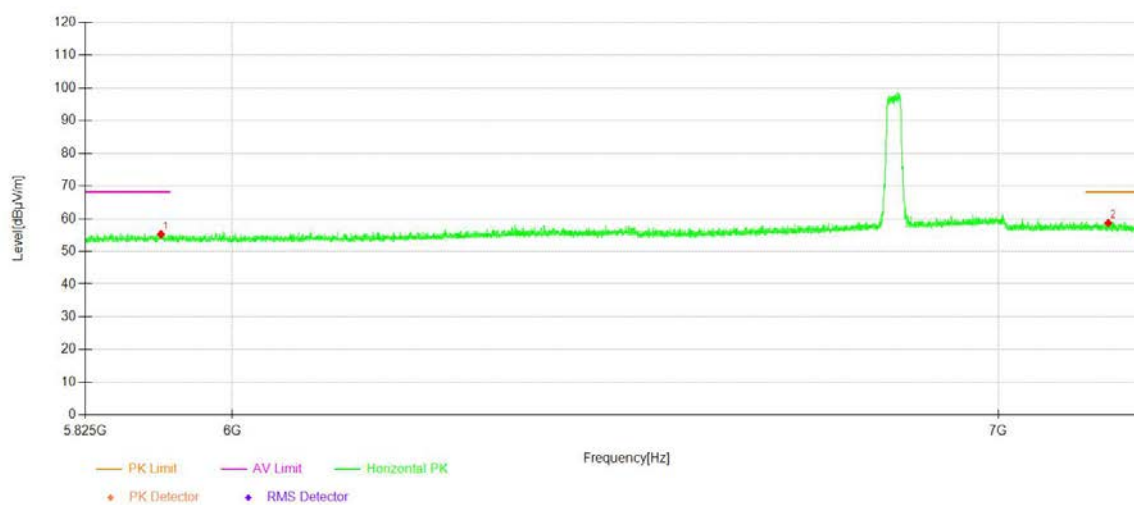


U-NII 7 Band (6525 ~ 6875MHz)

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	5924.9325	55.70	40.34	68.20	12.50	PK	Vertical
2	7150.3925	59.38	44.09	68.20	8.82	PK	Vertical
1	5914.9925	55.72	40.32	68.20	12.48	PK	Horizontal
2	7150.7475	58.50	44.08	68.20	9.70	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

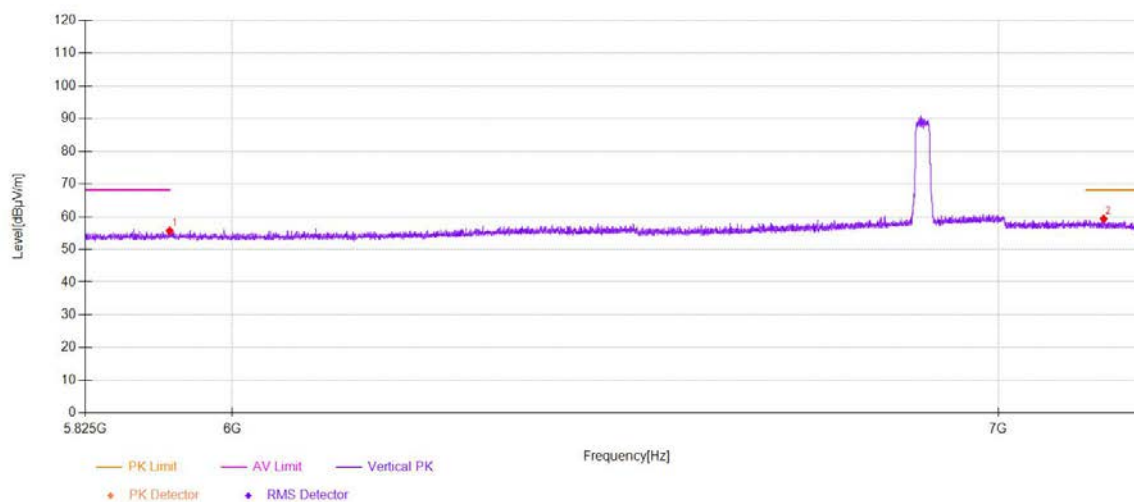
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5907.36	55.58	40.29	68.20	12.62	PK	Vertical
2	7161.93	58.47	43.98	68.20	9.73	PK	Vertical
1	5908.07	55.22	40.30	68.20	12.98	PK	Horizontal
2	7166.0125	58.69	43.95	68.20	9.51	PK	Horizontal
Note: (1) Peak RBW = 1 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

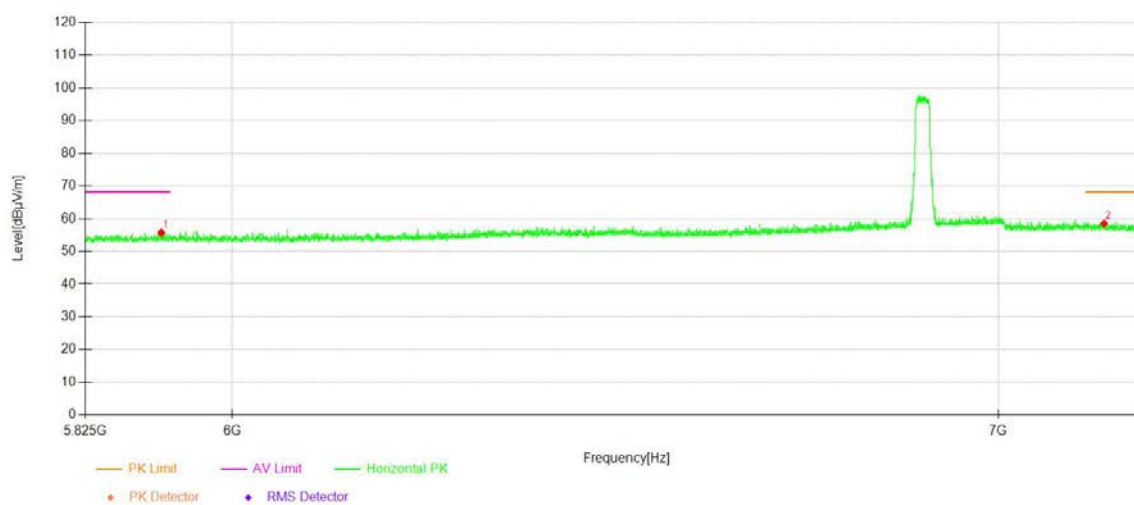


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6895

Ant.Pol: H

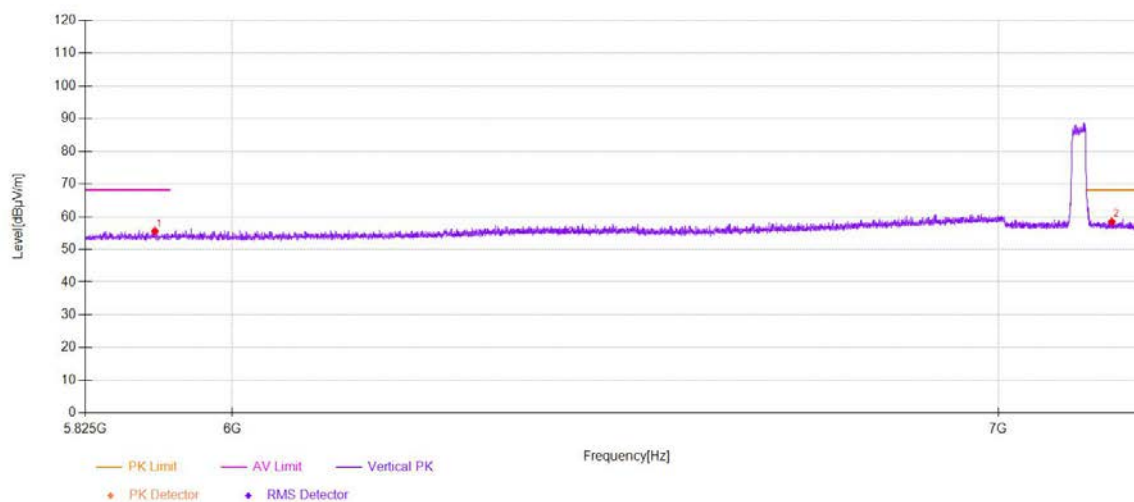


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 7115

Ant.Pol: V

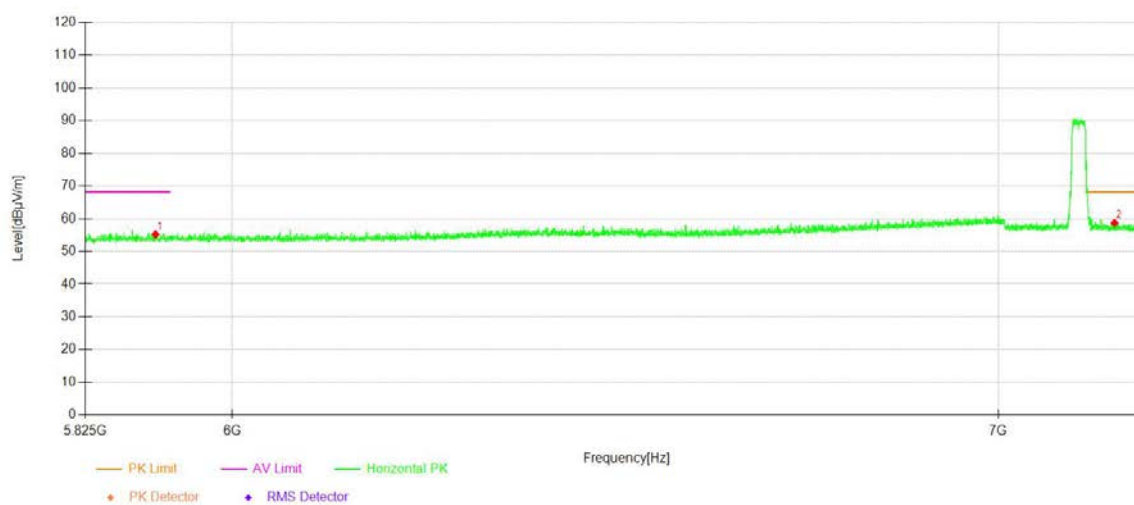


U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 7115

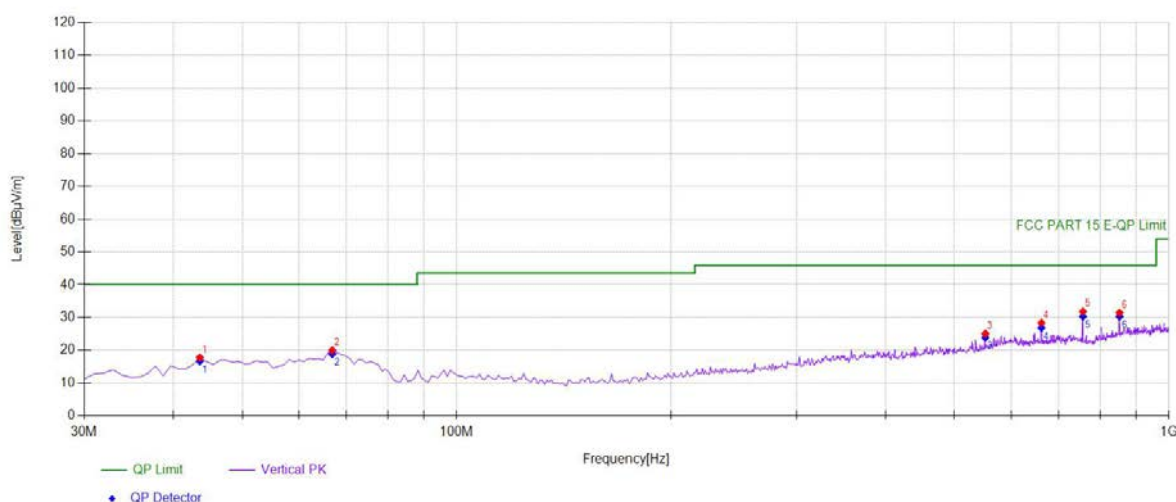
Ant.Pol: H



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

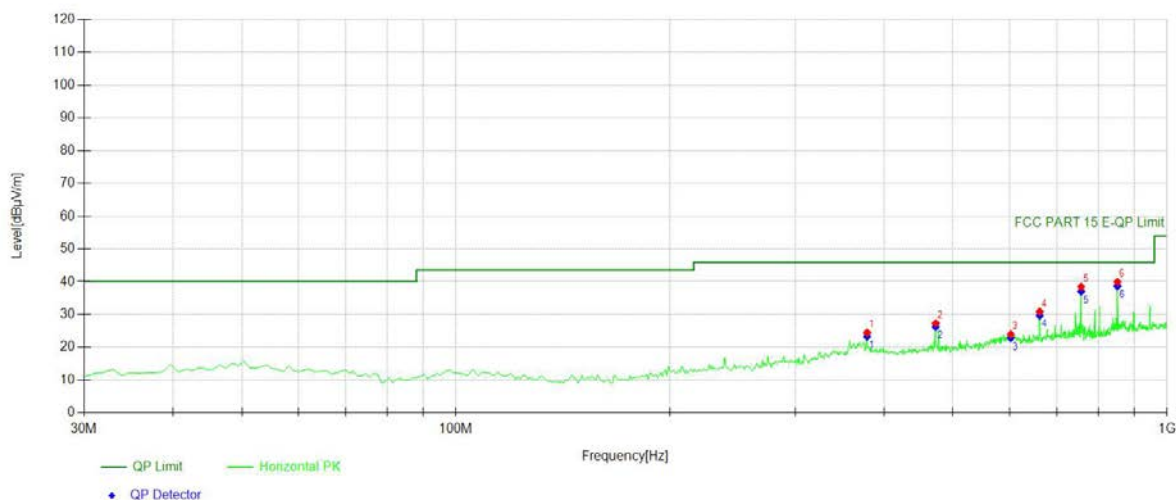
All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 5 Band (5925 ~ 6425MHz)		
Test mode:	802.11ax(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	43.5936	34.77	-16.99	17.78	PK	40.00	22.22	Vertical
2	66.8969	38.38	-18.37	20.01	PK	40.00	19.99	Vertical
3	552.382	34.05	-8.96	25.09	PK	46.00	20.91	Vertical
4	662.102	35.30	-6.96	28.34	PK	46.00	17.66	Vertical
5	757.257	38.50	-6.67	31.83	PK	46.00	14.17	Vertical
6	852.412	35.51	-4.10	31.41	PK	46.00	14.59	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	43.5936	-16.99	16.69	40.00	23.31
2	66.8969	-18.37	18.84	40.00	21.16
3	552.3824	-8.96	23.92	46.00	22.08
4	662.1021	-6.96	26.85	46.00	19.15
5	757.2573	-6.67	30.34	46.00	15.66
6	852.4124	-4.10	30.34	46.00	15.66



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	36.23	-11.71	24.52	PK	46.00	21.48	Horizontal
2	472.762	37.54	-10.23	27.31	PK	46.00	18.69	Horizontal
3	602.872	30.51	-6.54	23.97	PK	46.00	22.03	Horizontal
4	662.102	37.81	-6.96	30.85	PK	46.00	15.15	Horizontal
5	757.257	45.13	-6.67	38.46	PK	46.00	7.54	Horizontal
6	851.441	44.06	-4.15	39.91	PK	46.00	6.09	Horizontal

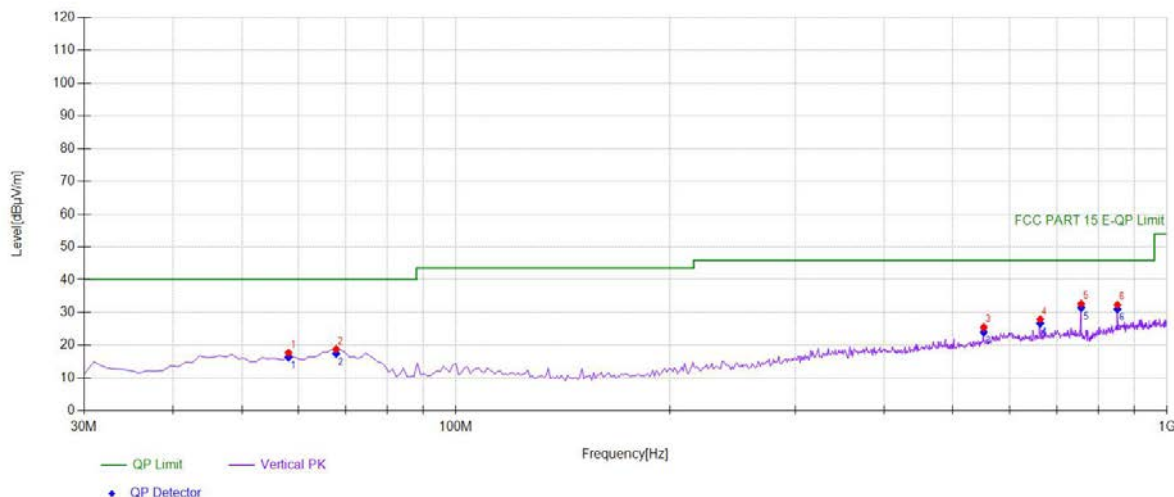
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	23.26	46.00	22.74
2	472.7628	-10.23	26.23	46.00	19.77
3	602.8729	-6.54	22.81	46.00	23.19
4	662.1021	-6.96	29.69	46.00	16.31
5	757.2573	-6.67	36.98	46.00	9.02
6	851.4414	-4.15	38.61	46.00	7.39

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6175

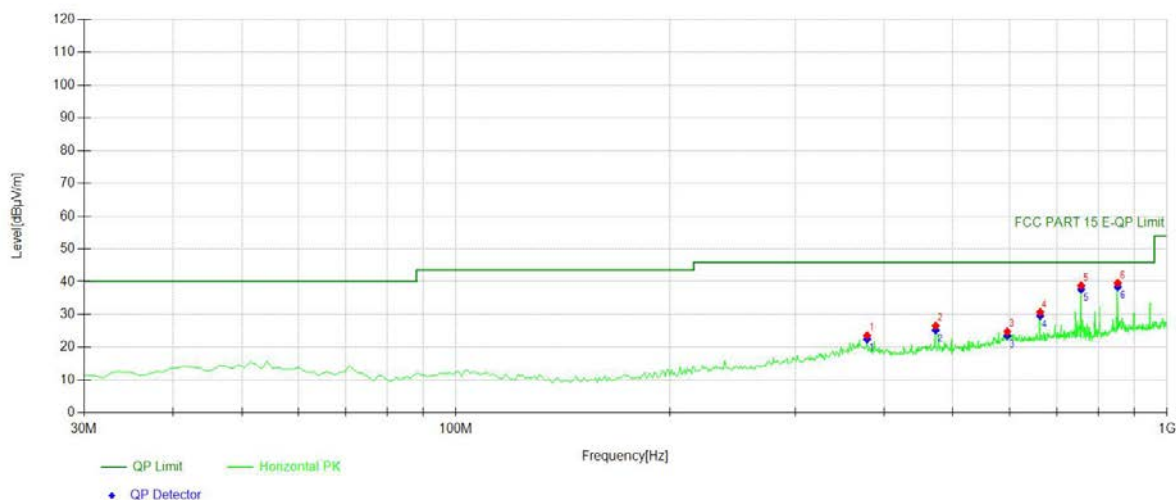


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	58.1582	34.88	-17.20	17.68	PK	40.00	22.32	Vertical
2	67.8679	37.30	-18.50	18.80	PK	40.00	21.20	Vertical
3	552.382	34.40	-8.96	25.44	PK	46.00	20.56	Vertical
4	663.073	34.86	-6.95	27.91	PK	46.00	18.09	Vertical
5	757.257	39.31	-6.67	32.64	PK	46.00	13.36	Vertical
6	851.441	36.47	-4.15	32.32	PK	46.00	13.68	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	58.1582	-17.20	16.35	40.00	23.65
2	67.8679	-18.50	17.47	40.00	22.53
3	552.3824	-8.96	24.02	46.00	21.98
4	663.0731	-6.95	26.67	46.00	19.33
5	757.2573	-6.67	31.40	46.00	14.60
6	851.4414	-4.15	31.00	46.00	15.00



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	35.34	-11.71	23.63	PK	46.00	22.37	Horizontal
2	472.762	36.72	-10.23	26.49	PK	46.00	19.51	Horizontal
3	596.076	31.40	-6.64	24.76	PK	46.00	21.24	Horizontal
4	663.073	37.64	-6.95	30.69	PK	46.00	15.31	Horizontal
5	757.257	45.49	-6.67	38.82	PK	46.00	7.18	Horizontal
6	852.412	43.67	-4.10	39.57	PK	46.00	6.43	Horizontal

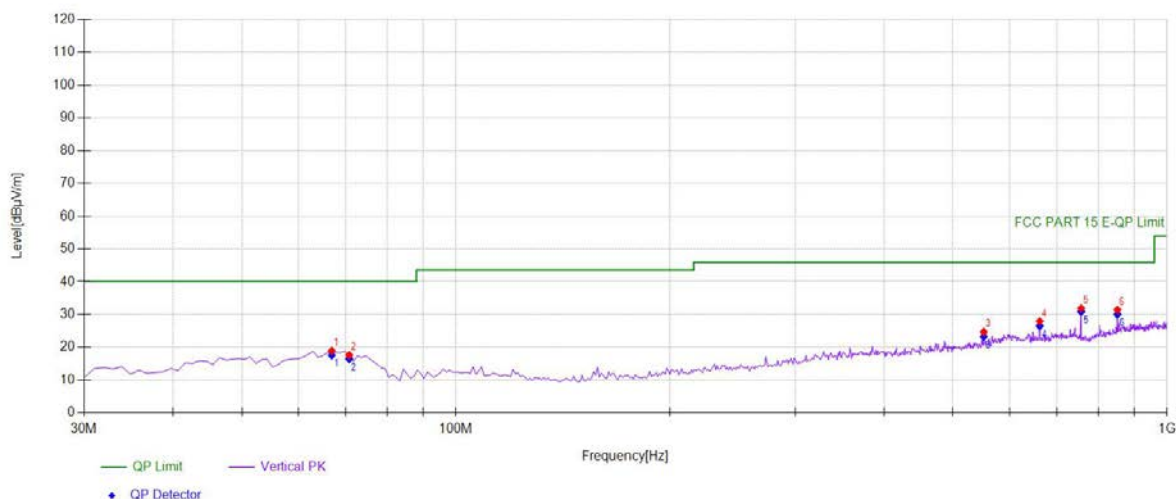
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	22.46	46.00	23.54
2	472.7628	-10.23	25.24	46.00	20.76
3	596.0761	-6.64	23.51	46.00	22.49
4	663.0731	-6.95	29.61	46.00	16.39
5	757.2573	-6.67	37.66	46.00	8.34
6	852.4124	-4.10	38.41	46.00	7.59

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6415

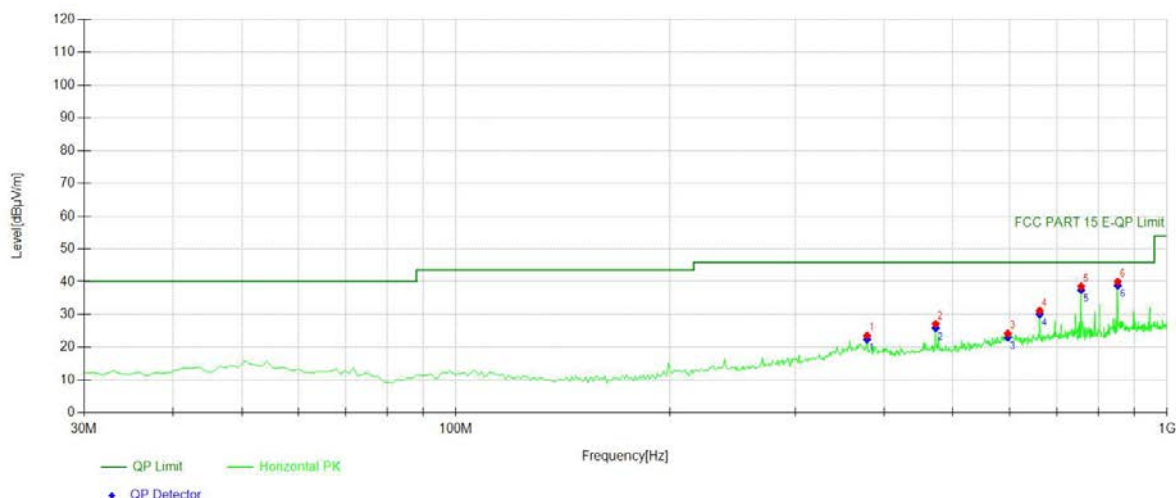


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	66.8969	37.28	-18.37	18.91	PK	40.00	21.09	Vertical
2	70.7808	36.50	-18.90	17.60	PK	40.00	22.40	Vertical
3	552.382	33.65	-8.96	24.69	PK	46.00	21.31	Vertical
4	662.102	34.88	-6.96	27.92	PK	46.00	18.08	Vertical
5	757.257	38.56	-6.67	31.89	PK	46.00	14.11	Vertical
6	851.441	35.54	-4.15	31.39	PK	46.00	14.61	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	66.8969	-18.37	17.58	40.00	22.42
2	70.7808	-18.90	16.45	40.00	23.55
3	552.3824	-8.96	23.22	46.00	22.78
4	662.1021	-6.96	26.45	46.00	19.55
5	757.2573	-6.67	30.84	46.00	15.16
6	851.4414	-4.15	30.02	46.00	15.98



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	35.28	-11.71	23.57	PK	46.00	22.43	Horizontal
2	472.762	37.32	-10.23	27.09	PK	46.00	18.91	Horizontal
3	597.047	30.80	-6.59	24.21	PK	46.00	21.79	Horizontal
4	662.102	38.09	-6.96	31.13	PK	46.00	14.87	Horizontal
5	757.257	45.22	-6.67	38.55	PK	46.00	7.45	Horizontal
6	852.412	44.09	-4.10	39.99	PK	46.00	6.01	Horizontal

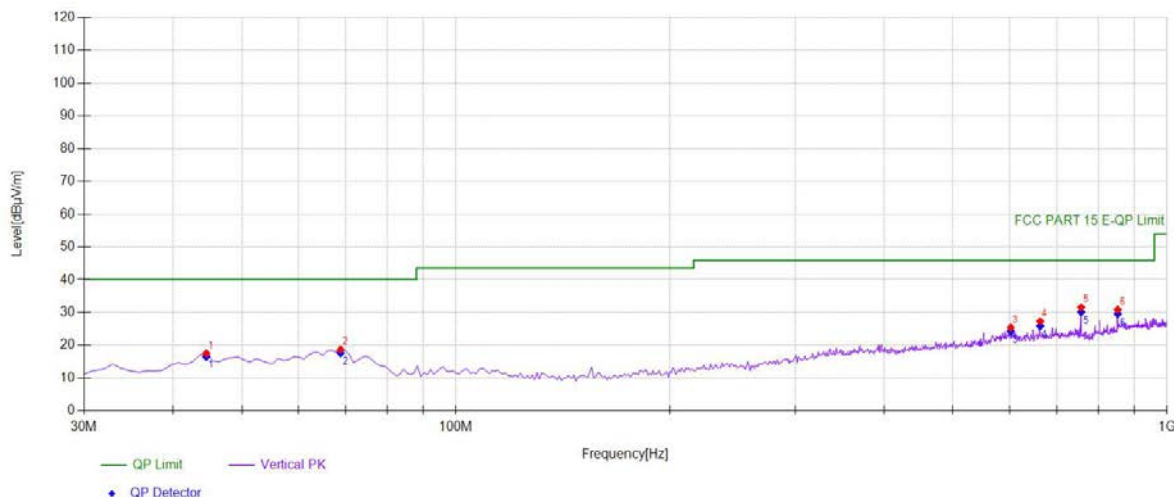
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	22.40	46.00	23.60
2	472.7628	-10.23	25.84	46.00	20.16
3	597.047	-6.59	22.96	46.00	23.04
4	662.1021	-6.96	30.06	46.00	15.94
5	757.2573	-6.67	37.48	46.00	8.52
6	852.4124	-4.10	38.84	46.00	7.16

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6435

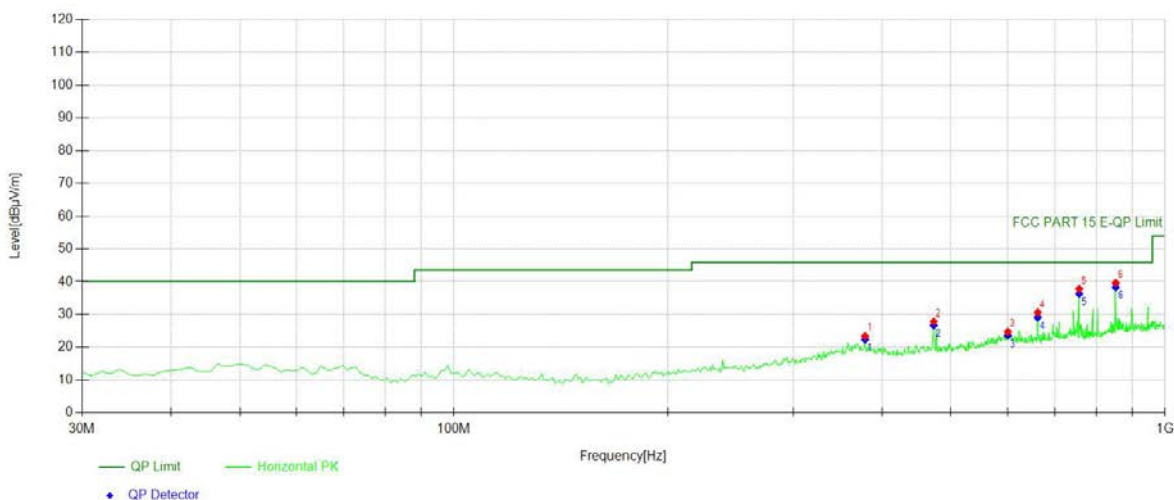


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	44.5646	34.35	-16.85	17.50	PK	40.00	22.50	Vertical
2	68.8388	37.33	-18.63	18.70	PK	40.00	21.30	Vertical
3	602.872	31.92	-6.54	25.38	PK	46.00	20.62	Vertical
4	663.073	34.22	-6.95	27.27	PK	46.00	18.73	Vertical
5	757.257	38.20	-6.67	31.53	PK	46.00	14.47	Vertical
6	852.412	34.92	-4.10	30.82	PK	46.00	15.18	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	44.5646	-16.85	16.50	40.00	23.50
2	68.8388	-18.63	17.62	40.00	22.38
3	602.8729	-6.54	24.30	46.00	21.70
4	663.0731	-6.95	25.87	46.00	20.13
5	757.2573	-6.67	30.13	46.00	15.87
6	852.4124	-4.10	29.60	46.00	16.40



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	35.14	-11.71	23.43	PK	46.00	22.57	Horizontal
2	472.762	38.05	-10.23	27.82	PK	46.00	18.18	Horizontal
3	600.930	31.19	-6.46	24.73	PK	46.00	21.27	Horizontal
4	662.102	37.55	-6.96	30.59	PK	46.00	15.41	Horizontal
5	757.257	44.46	-6.67	37.79	PK	46.00	8.21	Horizontal
6	852.412	43.73	-4.10	39.63	PK	46.00	6.37	Horizontal

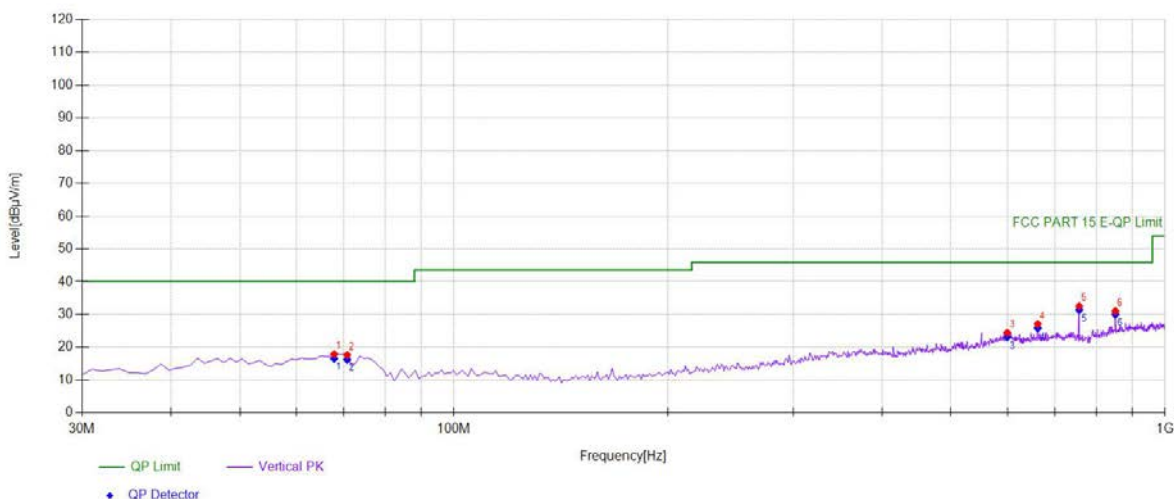
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	22.35	46.00	23.65
2	472.7628	-10.23	26.66	46.00	19.34
3	600.9309	-6.46	23.57	46.00	22.43
4	662.1021	-6.96	29.11	46.00	16.89
5	757.2573	-6.67	36.31	46.00	9.69
6	852.4124	-4.10	38.33	46.00	7.67

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6475

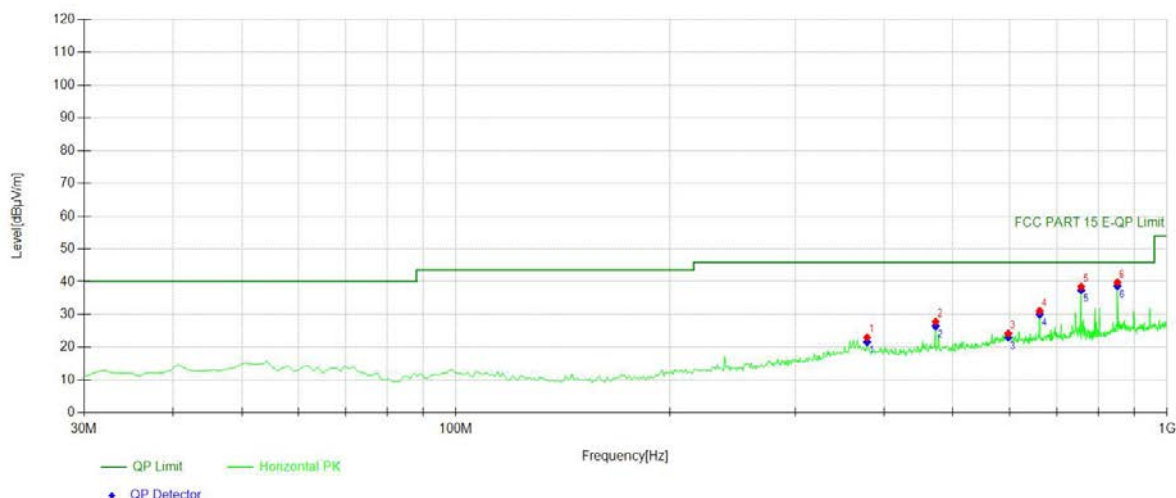


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	67.8679	36.39	-18.50	17.89	PK	40.00	22.11	Vertical
2	70.7808	36.54	-18.90	17.64	PK	40.00	22.36	Vertical
3	599.96	30.88	-6.42	24.46	PK	46.00	21.54	Vertical
4	662.102	34.00	-6.96	27.04	PK	46.00	18.96	Vertical
5	757.257	39.23	-6.67	32.56	PK	46.00	13.44	Vertical
6	851.441	35.17	-4.15	31.02	PK	46.00	14.98	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	67.8679	-18.50	16.58	40.00	23.42
2	70.7808	-18.90	16.25	40.00	23.75
3	599.96	-6.42	23.07	46.00	22.93
4	662.1021	-6.96	25.83	46.00	20.17
5	757.2573	-6.67	31.35	46.00	14.65
6	851.4414	-4.15	29.99	46.00	16.01



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	34.72	-11.71	23.01	PK	46.00	22.99	Horizontal
2	472.762	38.03	-10.23	27.80	PK	46.00	18.20	Horizontal
3	598.018	30.75	-6.53	24.22	PK	46.00	21.78	Horizontal
4	662.102	38.01	-6.96	31.05	PK	46.00	14.95	Horizontal
5	757.257	45.12	-6.67	38.45	PK	46.00	7.55	Horizontal
6	851.441	43.92	-4.15	39.77	PK	46.00	6.23	Horizontal

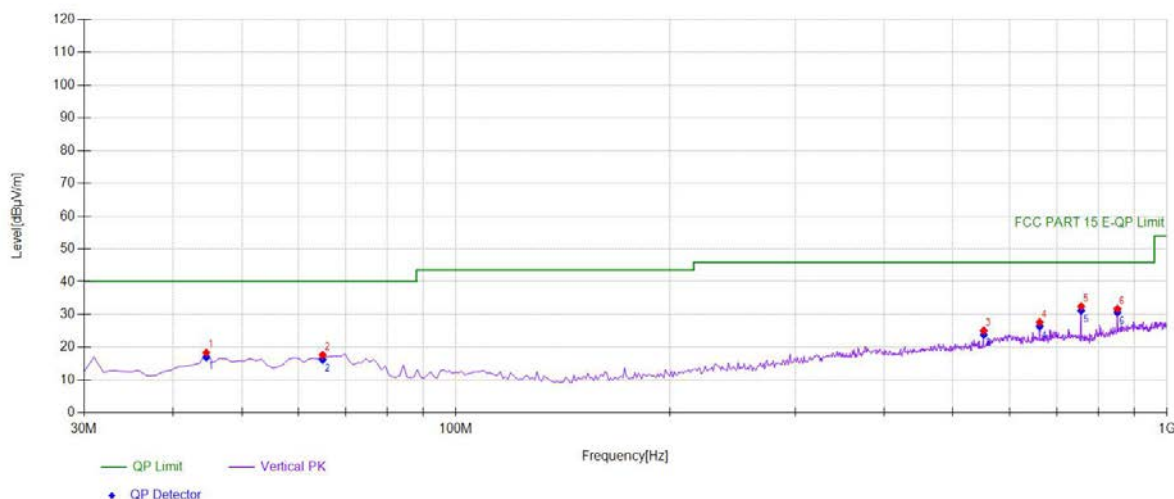
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	21.60	46.00	24.40
2	472.7628	-10.23	26.39	46.00	19.61
3	598.018	-6.53	22.99	46.00	23.01
4	662.1021	-6.96	30.00	46.00	16.00
5	757.2573	-6.67	37.40	46.00	8.60
6	851.4414	-4.15	38.63	46.00	7.37

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6515

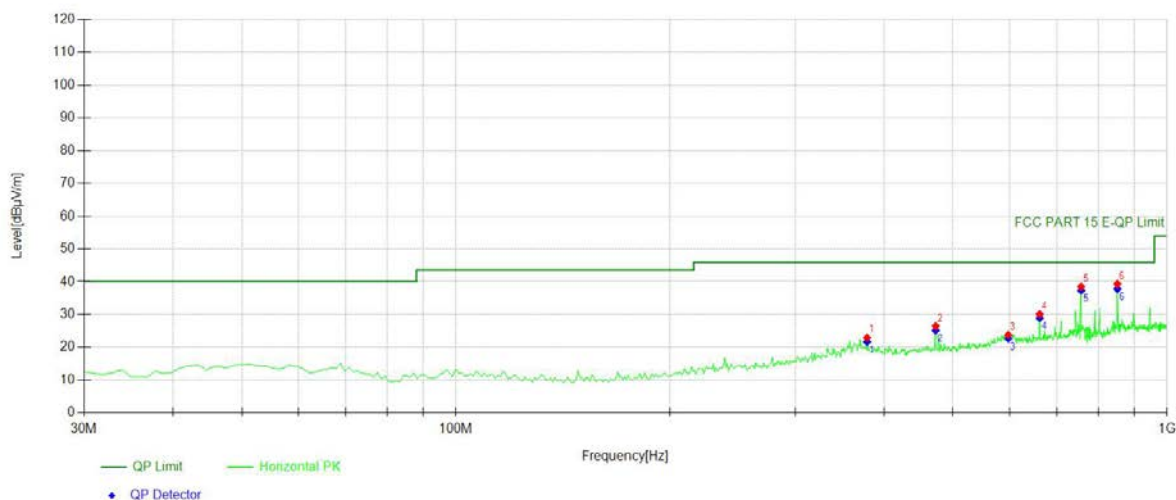


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	44.5646	35.22	-16.85	18.37	PK	40.00	21.63	Vertical
2	64.955	35.76	-18.11	17.65	PK	40.00	22.35	Vertical
3	552.382	34.06	-8.96	25.10	PK	46.00	20.90	Vertical
4	662.102	34.62	-6.96	27.66	PK	46.00	18.34	Vertical
5	757.257	39.16	-6.67	32.49	PK	46.00	13.51	Vertical
6	851.441	35.89	-4.15	31.74	PK	46.00	14.26	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	44.5646	-16.85	16.96	40.00	23.04
2	64.955	-18.11	16.24	40.00	23.76
3	552.3824	-8.96	23.87	46.00	22.13
4	662.1021	-6.96	26.35	46.00	19.65
5	757.2573	-6.67	31.18	46.00	14.82
6	851.4414	-4.15	30.61	46.00	15.39



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	34.64	-11.71	22.93	PK	46.00	23.07	Horizontal
2	472.762	36.66	-10.23	26.43	PK	46.00	19.57	Horizontal
3	598.018	30.30	-6.53	23.77	PK	46.00	22.23	Horizontal
4	662.102	37.05	-6.96	30.09	PK	46.00	15.91	Horizontal
5	757.257	45.12	-6.67	38.45	PK	46.00	7.55	Horizontal
6	851.441	43.43	-4.15	39.28	PK	46.00	6.72	Horizontal

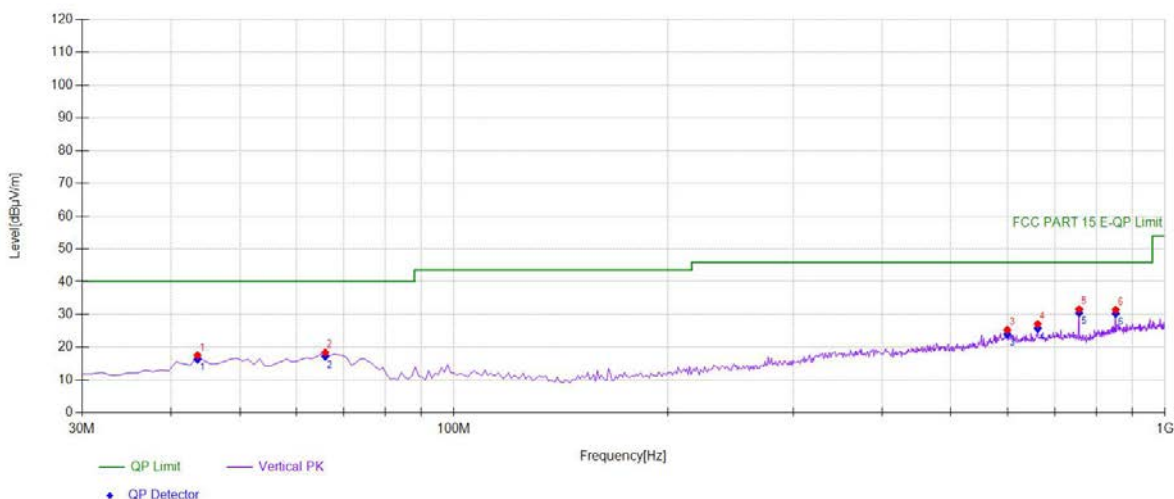
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	21.66	46.00	24.34
2	472.7628	-10.23	25.16	46.00	20.84
3	598.018	-6.53	22.68	46.00	23.32
4	662.1021	-6.96	28.92	46.00	17.08
5	757.2573	-6.67	37.28	46.00	8.72
6	851.4414	-4.15	37.79	46.00	8.21

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6535

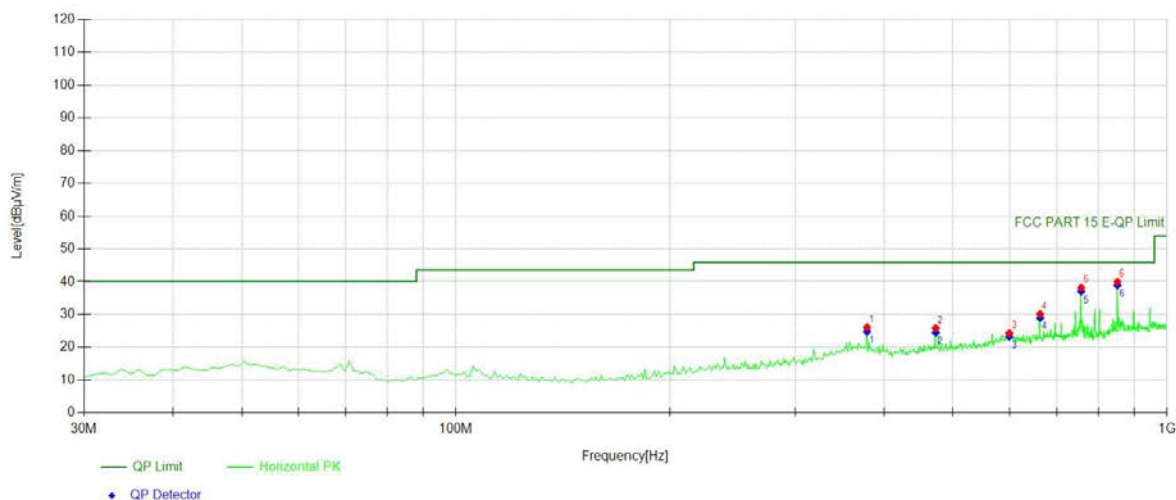


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	43.5936	34.52	-16.99	17.53	PK	40.00	22.47	Vertical
2	65.9259	36.64	-18.24	18.40	PK	40.00	21.60	Vertical
3	599.96	31.73	-6.42	25.31	PK	46.00	20.69	Vertical
4	662.102	33.99	-6.96	27.03	PK	46.00	18.97	Vertical
5	757.257	38.26	-6.67	31.59	PK	46.00	14.41	Vertical
6	852.412	35.50	-4.10	31.40	PK	46.00	14.60	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	43.5936	-16.99	16.32	40.00	23.68
2	65.9259	-18.24	17.19	40.00	22.81
3	599.96	-6.42	24.02	46.00	21.98
4	662.1021	-6.96	25.74	46.00	20.26
5	757.2573	-6.67	30.48	46.00	15.52
6	852.4124	-4.10	30.29	46.00	15.71



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	37.81	-11.71	26.10	PK	46.00	19.90	Horizontal
2	472.762	36.07	-10.23	25.84	PK	46.00	20.16	Horizontal
3	599.96	30.76	-6.42	24.34	PK	46.00	21.66	Horizontal
4	663.073	37.10	-6.95	30.15	PK	46.00	15.85	Horizontal
5	757.257	44.87	-6.67	38.20	PK	46.00	7.80	Horizontal
6	851.441	44.10	-4.15	39.95	PK	46.00	6.05	Horizontal

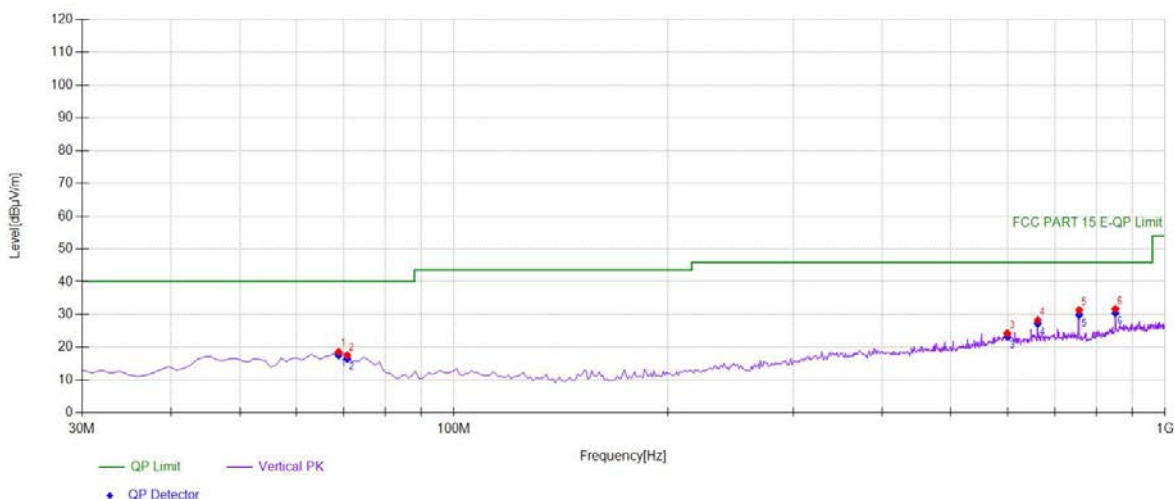
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	24.81	46.00	21.19
2	472.7628	-10.23	24.55	46.00	21.45
3	599.96	-6.42	23.23	46.00	22.77
4	663.0731	-6.95	28.96	46.00	17.04
5	757.2573	-6.67	37.01	46.00	8.99
6	851.4414	-4.15	38.94	46.00	7.06

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6695

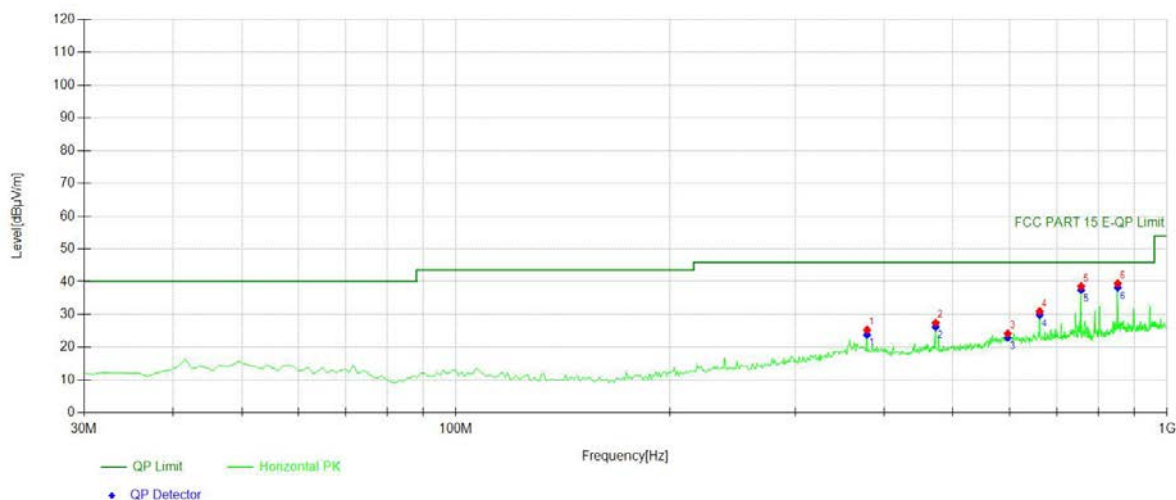


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	68.8388	37.23	-18.63	18.60	PK	40.00	21.40	Vertical
2	70.7808	36.43	-18.90	17.53	PK	40.00	22.47	Vertical
3	599.96	30.72	-6.42	24.30	PK	46.00	21.70	Vertical
4	662.102	35.21	-6.96	28.25	PK	46.00	17.75	Vertical
5	757.257	37.98	-6.67	31.31	PK	46.00	14.69	Vertical
6	851.441	35.85	-4.15	31.70	PK	46.00	14.30	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	68.8388	-18.63	17.58	40.00	22.42
2	70.7808	-18.90	16.51	40.00	23.49
3	599.96	-6.42	23.20	46.00	22.80
4	662.1021	-6.96	27.15	46.00	18.85
5	757.2573	-6.67	29.89	46.00	16.11
6	851.4414	-4.15	30.46	46.00	15.54



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	37.02	-11.71	25.31	PK	46.00	20.69	Horizontal
2	472.762	37.70	-10.23	27.47	PK	46.00	18.53	Horizontal
3	597.047	30.79	-6.59	24.20	PK	46.00	21.80	Horizontal
4	662.102	37.92	-6.96	30.96	PK	46.00	15.04	Horizontal
5	757.257	45.26	-6.67	38.59	PK	46.00	7.41	Horizontal
6	852.412	43.54	-4.10	39.44	PK	46.00	6.56	Horizontal

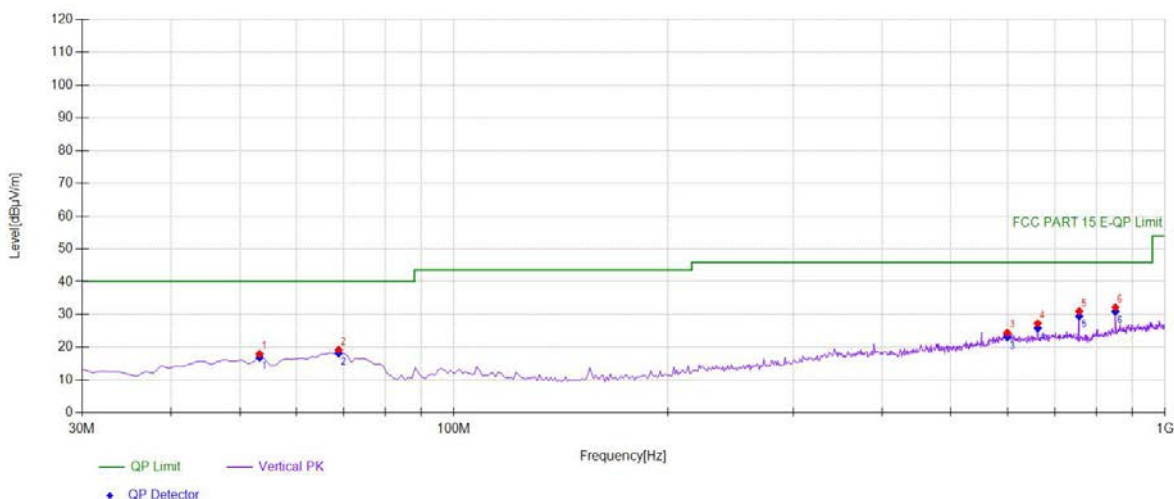
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	23.86	46.00	22.14
2	472.7628	-10.23	26.20	46.00	19.80
3	597.047	-6.59	22.93	46.00	23.07
4	662.1021	-6.96	29.87	46.00	16.13
5	757.2573	-6.67	37.50	46.00	8.50
6	852.4124	-4.10	38.27	46.00	7.73

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6855

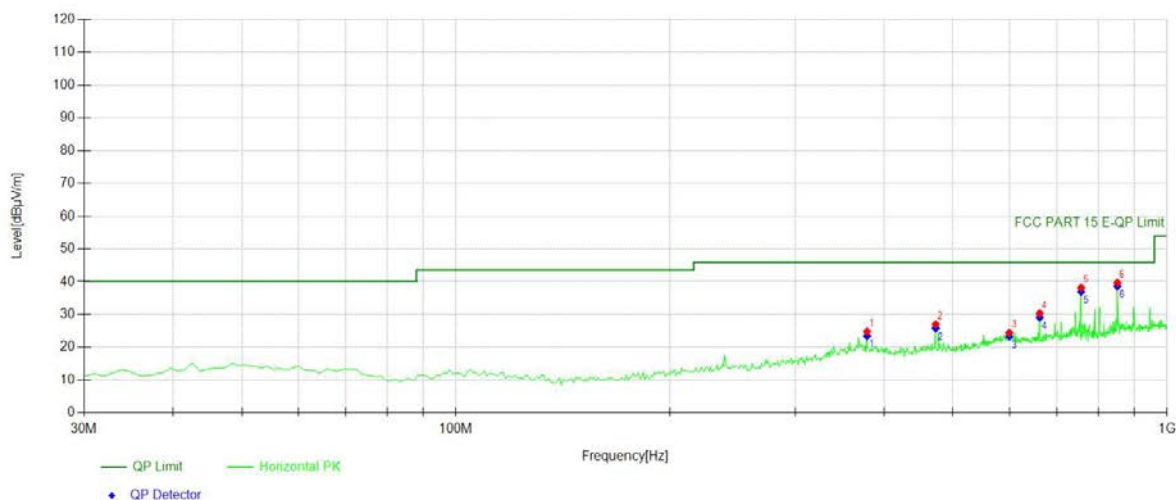


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	53.3033	34.51	-16.54	17.97	PK	40.00	22.03	Vertical
2	68.8388	37.88	-18.63	19.25	PK	40.00	20.75	Vertical
3	599.96	30.88	-6.42	24.46	PK	46.00	21.54	Vertical
4	662.102	34.19	-6.96	27.23	PK	46.00	18.77	Vertical
5	757.257	37.64	-6.67	30.97	PK	46.00	15.03	Vertical
6	851.441	36.33	-4.15	32.18	PK	46.00	13.82	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	53.3033	-16.54	16.89	40.00	23.11
2	68.8388	-18.63	18.17	40.00	21.83
3	599.96	-6.42	23.06	46.00	22.94
4	662.1021	-6.96	25.83	46.00	20.17
5	757.2573	-6.67	29.49	46.00	16.51
6	851.4414	-4.15	30.88	46.00	15.12



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	36.50	-11.71	24.79	PK	46.00	21.21	Horizontal
2	472.762	37.19	-10.23	26.96	PK	46.00	19.04	Horizontal
3	599.96	30.87	-6.42	24.45	PK	46.00	21.55	Horizontal
4	662.102	37.33	-6.96	30.37	PK	46.00	15.63	Horizontal
5	757.257	44.86	-6.67	38.19	PK	46.00	7.81	Horizontal
6	851.441	43.84	-4.15	39.69	PK	46.00	6.31	Horizontal

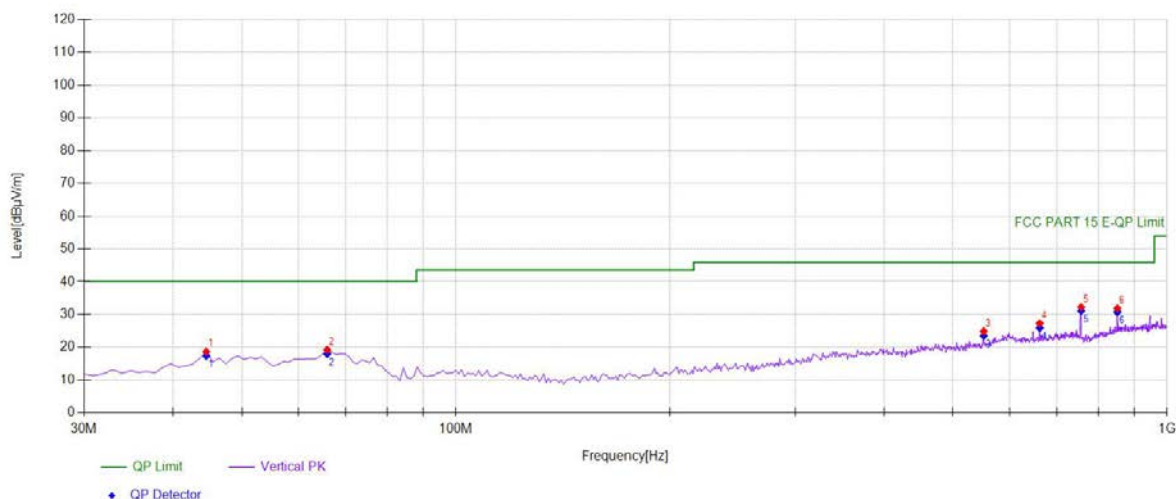
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	23.42	46.00	22.58
2	472.7628	-10.23	25.77	46.00	20.23
3	599.96	-6.42	23.26	46.00	22.74
4	662.1021	-6.96	29.09	46.00	16.91
5	757.2573	-6.67	36.91	46.00	9.09
6	851.4414	-4.15	38.59	46.00	7.41

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6895

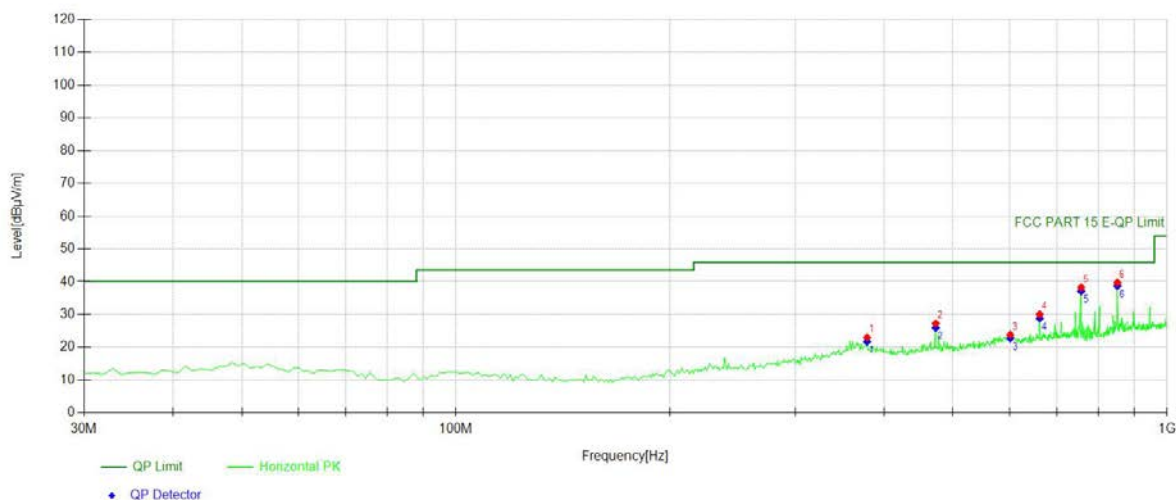


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	44.5646	35.52	-16.85	18.67	PK	40.00	21.33	Vertical
2	65.9259	37.49	-18.24	19.25	PK	40.00	20.75	Vertical
3	552.382	33.81	-8.96	24.85	PK	46.00	21.15	Vertical
4	662.102	34.22	-6.96	27.26	PK	46.00	18.74	Vertical
5	757.257	38.93	-6.67	32.26	PK	46.00	13.74	Vertical
6	851.441	36.01	-4.15	31.86	PK	46.00	14.14	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	44.5646	-16.85	17.41	40.00	22.59
2	65.9259	-18.24	17.99	40.00	22.01
3	552.3824	-8.96	23.51	46.00	22.49
4	662.1021	-6.96	25.92	46.00	20.08
5	757.2573	-6.67	31.10	46.00	14.90
6	851.4414	-4.15	30.70	46.00	15.30



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	34.73	-11.71	23.02	PK	46.00	22.98	Horizontal
2	472.762	37.45	-10.23	27.22	PK	46.00	18.78	Horizontal
3	601.901	30.32	-6.49	23.83	PK	46.00	22.17	Horizontal
4	662.102	36.98	-6.96	30.02	PK	46.00	15.98	Horizontal
5	757.257	44.93	-6.67	38.26	PK	46.00	7.74	Horizontal
6	851.441	43.84	-4.15	39.69	PK	46.00	6.31	Horizontal

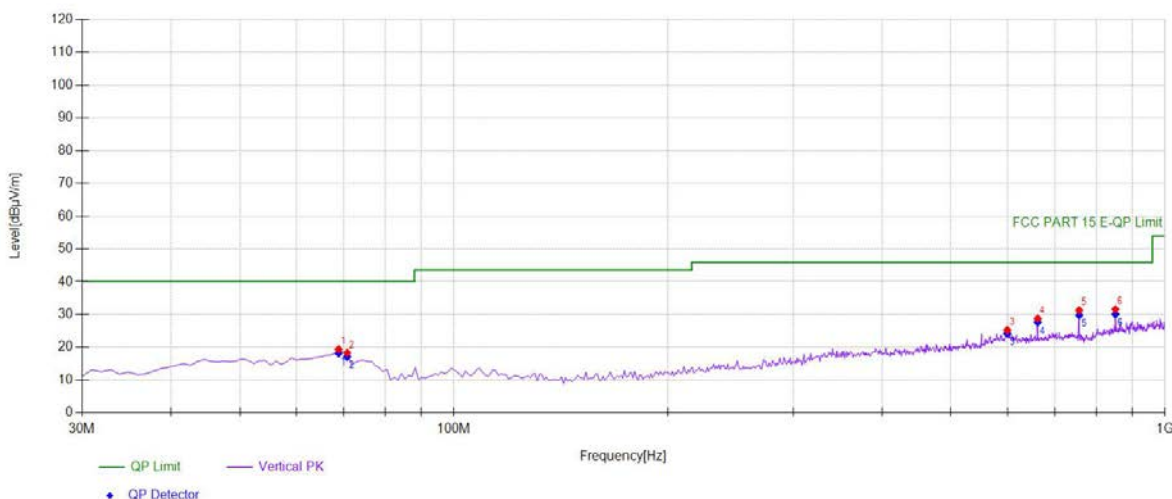
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	21.74	46.00	24.26
2	472.7628	-10.23	25.94	46.00	20.06
3	601.9019	-6.49	22.73	46.00	23.27
4	662.1021	-6.96	28.84	46.00	17.16
5	757.2573	-6.67	37.08	46.00	8.92
6	851.4414	-4.15	38.69	46.00	7.31

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 6995

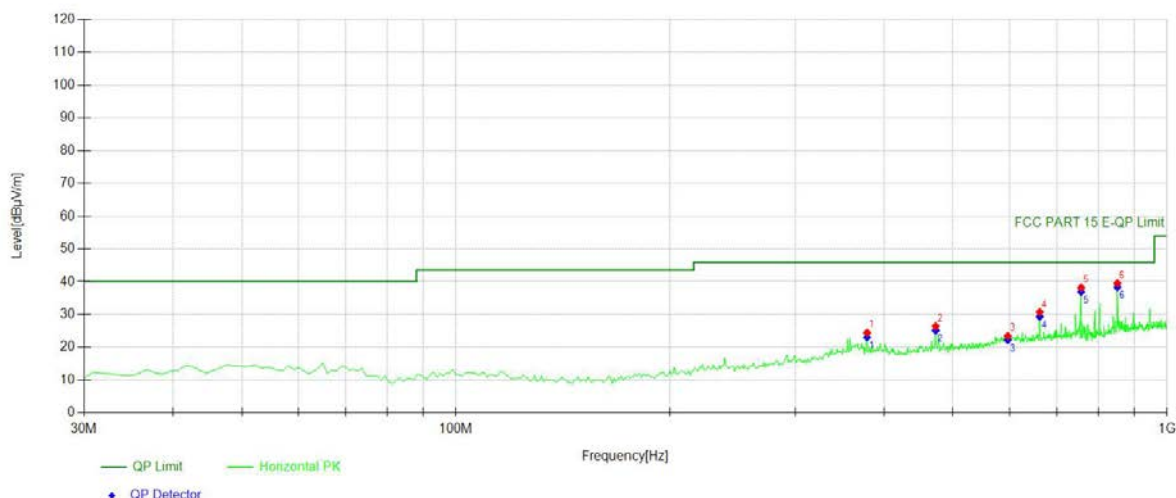


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	68.8388	38.04	-18.63	19.41	PK	40.00	20.59	Vertical
2	70.7808	37.23	-18.90	18.33	PK	40.00	21.67	Vertical
3	599.96	31.68	-6.42	25.26	PK	46.00	20.74	Vertical
4	662.102	35.72	-6.96	28.76	PK	46.00	17.24	Vertical
5	757.257	37.93	-6.67	31.26	PK	46.00	14.74	Vertical
6	851.441	35.71	-4.15	31.56	PK	46.00	14.44	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	68.8388	-18.63	18.17	40.00	21.83
2	70.7808	-18.90	17.09	40.00	22.91
3	599.96	-6.42	24.20	46.00	21.80
4	662.1021	-6.96	27.61	46.00	18.39
5	757.2573	-6.67	29.79	46.00	16.21
6	851.4414	-4.15	30.09	46.00	15.91



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	36.19	-11.71	24.48	PK	46.00	21.52	Horizontal
2	472.762	36.61	-10.23	26.38	PK	46.00	19.62	Horizontal
3	597.047	30.04	-6.59	23.45	PK	46.00	22.55	Horizontal
4	662.102	37.64	-6.96	30.68	PK	46.00	15.32	Horizontal
5	757.257	44.89	-6.67	38.22	PK	46.00	7.78	Horizontal
6	851.441	43.66	-4.15	39.51	PK	46.00	6.49	Horizontal

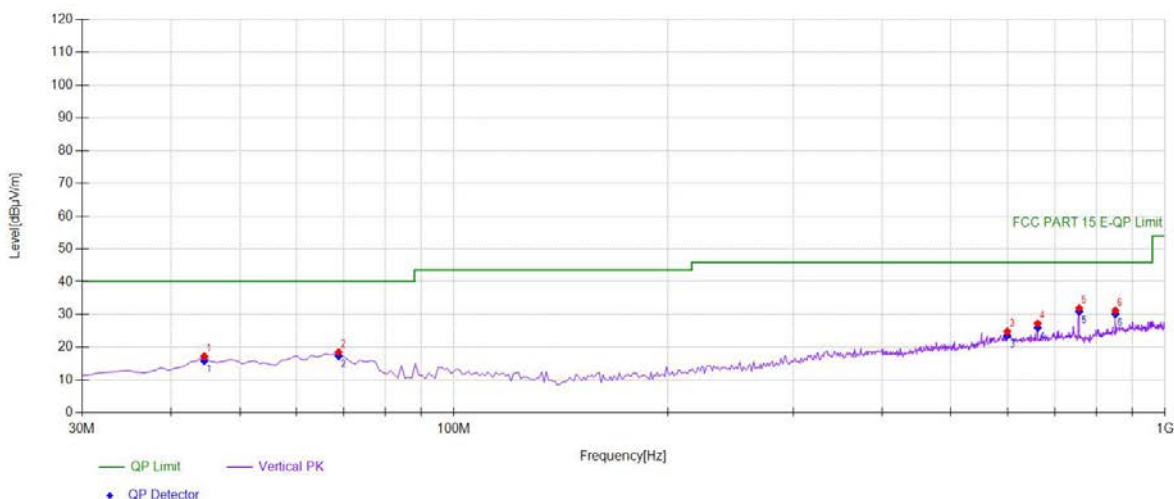
Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	23.05	46.00	22.95
2	472.7628	-10.23	25.13	46.00	20.87
3	597.047	-6.59	22.20	46.00	23.80
4	662.1021	-6.96	29.35	46.00	16.65
5	757.2573	-6.67	36.89	46.00	9.11
6	851.4414	-4.15	38.36	46.00	7.64

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(20)

Frequency(MHz): 7115

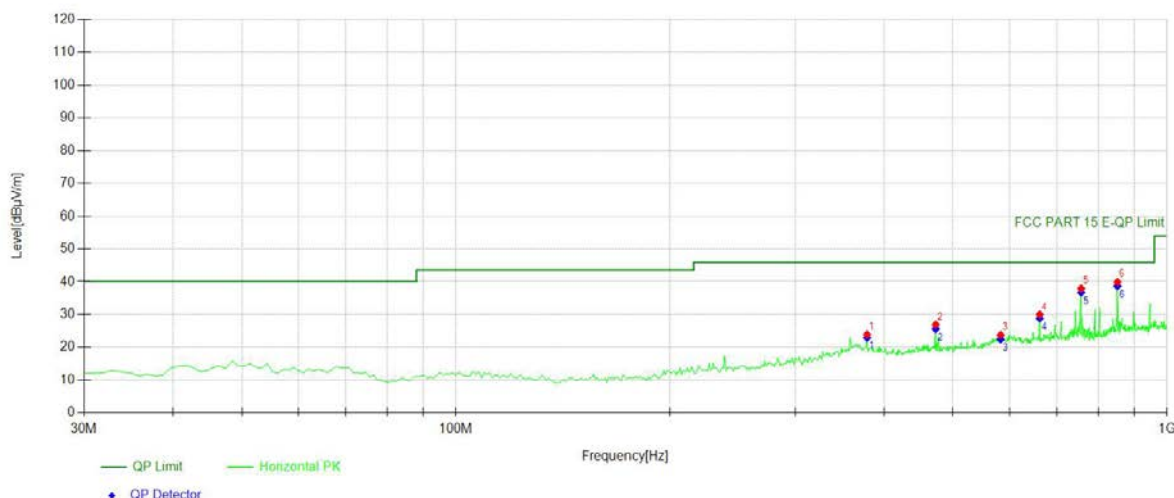


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	44.5646	34.06	-16.85	17.21	PK	40.00	22.79	Vertical
2	68.8388	37.13	-18.63	18.50	PK	40.00	21.50	Vertical
3	599.96	31.21	-6.42	24.79	PK	46.00	21.21	Vertical
4	662.102	34.17	-6.96	27.21	PK	46.00	18.79	Vertical
5	757.257	38.59	-6.67	31.92	PK	46.00	14.08	Vertical
6	851.441	35.31	-4.15	31.16	PK	46.00	14.84	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	44.5646	-16.85	15.88	40.00	24.12
2	68.8388	-18.63	17.35	40.00	22.65
3	599.96	-6.42	23.56	46.00	22.44
4	662.1021	-6.96	25.98	46.00	20.02
5	757.2573	-6.67	30.87	46.00	15.13
6	851.4414	-4.15	30.11	46.00	15.89



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	378.578	35.61	-11.71	23.90	PK	46.00	22.10	Horizontal
2	472.762	37.13	-10.23	26.90	PK	46.00	19.10	Horizontal
3	583.453	31.06	-7.29	23.77	PK	46.00	22.23	Horizontal
4	662.102	36.94	-6.96	29.98	PK	46.00	16.02	Horizontal
5	757.257	44.60	-6.67	37.93	PK	46.00	8.07	Horizontal
6	851.441	44.03	-4.15	39.88	PK	46.00	6.12	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	378.5786	-11.71	22.89	46.00	23.11
2	472.7628	-10.23	25.57	46.00	20.43
3	583.4535	-7.29	22.44	46.00	23.56
4	662.1021	-6.96	28.83	46.00	17.17
5	757.2573	-6.67	36.70	46.00	9.30
6	851.4414	-4.15	38.65	46.00	7.35

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.

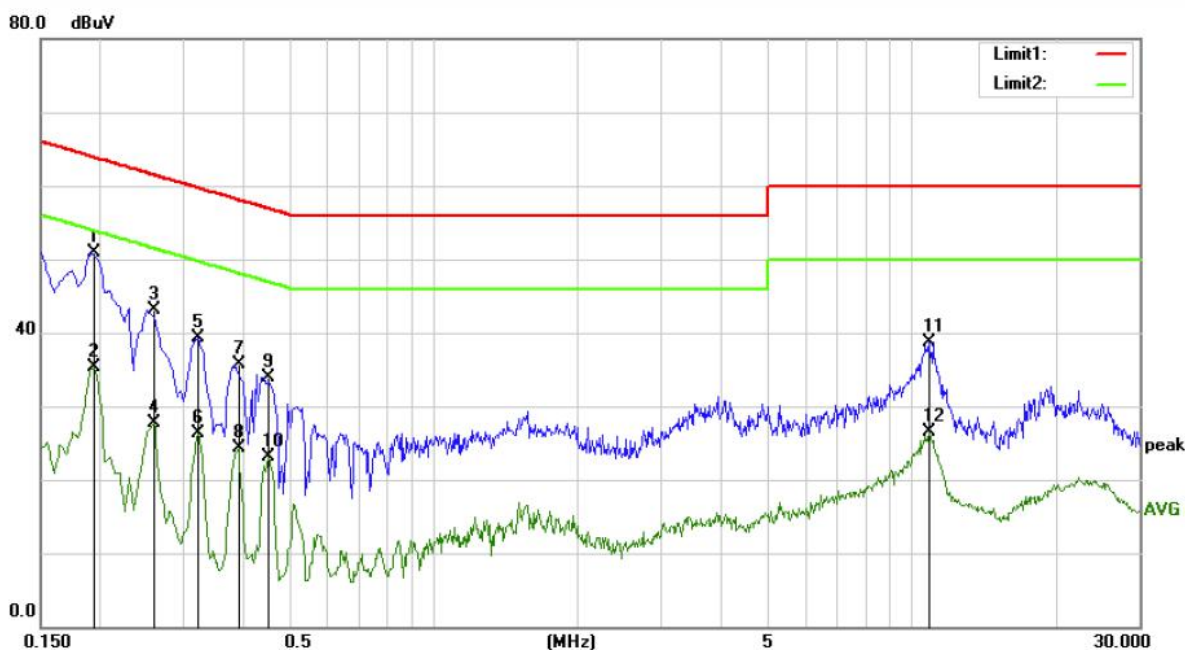
Repeat above procedures until all frequency measured were complete.

8.7.5 Test Results

PASS

Temperature :	21.2°C	ATM Pressure:	1011 mbar
Humidity :	55%	Test Engineer:	Zhuowen Sheng

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

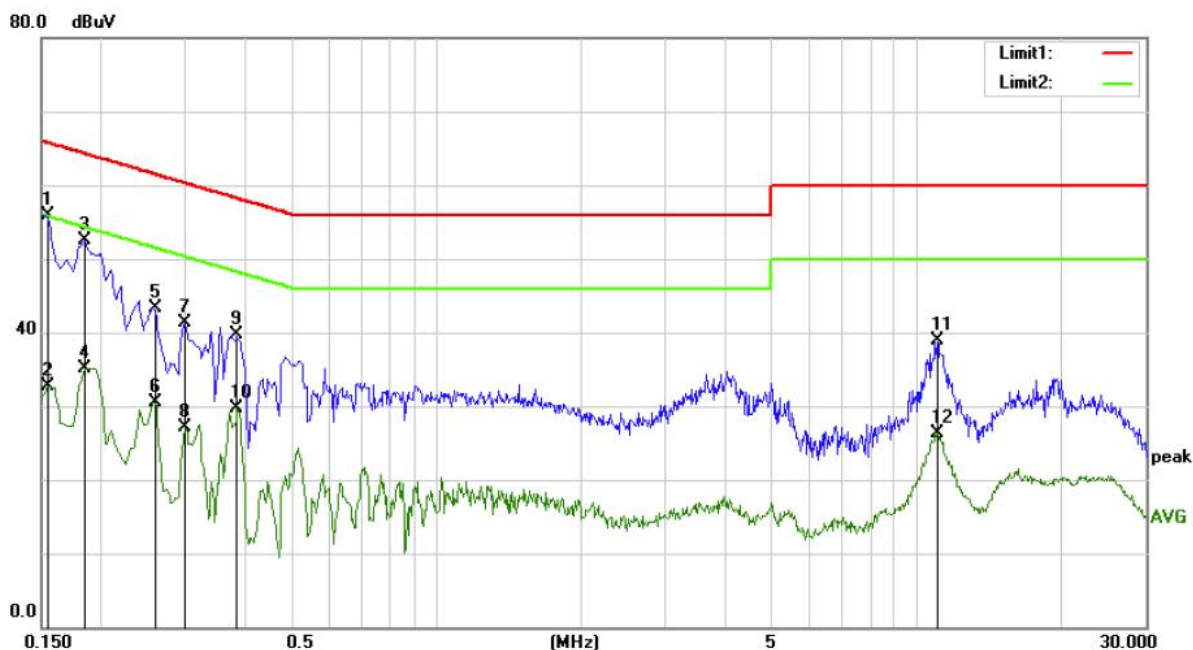


Site Conduction #1

Phase: **N**

Temperature: 21.2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1950	41.07	9.90	50.97	63.82	-12.85	QP	
2		0.1950	25.38	9.90	35.28	53.82	-18.54	AVG	
3		0.2600	33.18	9.93	43.11	61.43	-18.32	QP	
4		0.2600	17.85	9.93	27.78	51.43	-23.65	AVG	
5		0.3200	29.33	9.92	39.25	59.71	-20.46	QP	
6		0.3200	16.30	9.92	26.22	49.71	-23.49	AVG	
7		0.3900	25.72	9.89	35.61	58.06	-22.45	QP	
8		0.3900	14.34	9.89	24.23	48.06	-23.83	AVG	
9		0.4500	24.00	9.91	33.91	56.88	-22.97	QP	
10		0.4500	13.16	9.91	23.07	46.88	-23.81	AVG	
11		10.8550	28.36	10.25	38.61	60.00	-21.39	QP	
12		10.8550	16.27	10.25	26.52	50.00	-23.48	AVG	



Site Conduction #1

Phase: L1

Temperature: 21.2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1550	45.84	10.02	55.86	65.73	-9.87	QP	
2		0.1550	22.65	10.02	32.67	55.73	-23.06	AVG	
3		0.1850	42.50	10.04	52.54	64.26	-11.72	QP	
4		0.1850	25.09	10.04	35.13	54.26	-19.13	AVG	
5		0.2600	33.37	10.03	43.40	61.43	-18.03	QP	
6		0.2600	20.51	10.03	30.54	51.43	-20.89	AVG	
7		0.3000	31.29	10.05	41.34	60.24	-18.90	QP	
8		0.3000	16.96	10.05	27.01	50.24	-23.23	AVG	
9		0.3850	29.70	9.95	39.65	58.17	-18.52	QP	
10		0.3850	19.71	9.95	29.66	48.17	-18.51	AVG	
11		11.0550	28.82	10.17	38.99	60.00	-21.01	QP	
12		11.0550	16.18	10.17	26.35	50.00	-23.65	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 :	45 %	Test Engineer:	GJ

The EUT is Integrated Antenna, antenna gain is Ant1: 4.81dBi, Ant2: 3.29dBi.

- ☒ 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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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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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.