

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (89.15 dBuV/m) = (41.35 dBμV) + (12.4 dB) + (34.5 dB), the corresponding frequency is 5180MHz.

The measurement results contain the correction factor of the duty cycle.

Carrier frequency (MHz): 5180 MHz

Channel No.:36

Test Mode: 802.11a (Chain1)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	89.15	41.35	N/A	N/A	12.40	35.40
2	5150	42.94	-4.86	-25.26	68.20	12.40	35.40

Carrier frequency (MHz): 5180

Channel No.:36

Test Mode: 802.11a (Chain1)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	86.72	38.92	N/A	N/A	12.40	35.40
2	5150	42.87	-4.93	-25.33	68.20	12.40	35.40

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11a (Chain1)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	83.25	35.45	N/A	N/A	12.40	35.40
2	5150	36.86	-10.94	-17.14	54.00	12.40	35.40

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11a (Chain1)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	82.00	34.20	N/A	N/A	12.40	35.40
2	5150	36.78	-11.02	-17.22	54.00	12.40	35.40

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a (Chain1)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	90.08	42.28	N/A	N/A	12.40	35.40
2	5250	41.51	-6.29	-26.69	68.20	12.40	35.40

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a (Chain1)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	87.54	39.74	N/A	N/A	12.40	35.40
2	5250	40.71	-7.09	-27.49	68.20	12.40	35.40

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a (Chain1)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	84.09	36.29	N/A	N/A	12.40	35.40
2	5250	36.17	-11.63	-17.83	54.00	12.40	35.40

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a (Chain1)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	82.54	34.74	N/A	N/A	12.40	35.40
2	5250	36.30	-11.50	-17.70	54.00	12.40	35.40

Carrier frequency (MHz): 5180 MHz

Channel No.:36

Test Mode: 802.11n (HT20 MIMO)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	89.98	42.18	N/A	N/A	12.40	35.40
2	5150	41.10	-6.70	-27.10	68.20	12.40	35.40

Carrier frequency (MHz): 5180

Channel No.:36

Test Mode: 802.11n (HT20 MIMO)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	88.97	41.17	N/A	N/A	12.40	35.40
2	5150	40.31	-7.49	-27.89	68.20	12.40	35.40

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11n (HT20 MIMO)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	84.30	36.50	N/A	N/A	12.40	35.40
2	5150	36.22	-11.58	-17.78	54.00	12.40	35.40

Carrier frequency (MHz): 5180 MHz
Channel No.: 36
Test Mode: 802.11n (HT20 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	81.38	33.58	N/A	N/A	12.40	35.40
2	5150	36.12	-11.68	-17.88	54.00	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.:48
Test Mode: 802.11n (HT20 MIMO)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	90.61	42.81	N/A	N/A	12.40	35.40
2	5250	41.37	-6.43	-26.83	68.20	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.:48
Test Mode: 802.11n (HT20 MIMO)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	88.38	40.58	N/A	N/A	12.40	35.40
2	5250	41.20	-6.60	-27.00	68.20	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.:48
Test Mode: 802.11n (HT20 MIMO)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	84.28	36.48	N/A	N/A	12.40	35.40
2	5250	37.16	-10.64	-16.84	54.00	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.:48
Test Mode: 802.11n (HT20 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	82.16	34.36	N/A	N/A	12.40	35.40
2	5250	37.72	-10.08	-16.28	54.00	12.40	35.40

Carrier frequency (MHz): 5180 MHz
Channel No.:36
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	89.58	41.78	N/A	N/A	12.40	35.40
2	5150	41.74	-6.06	-26.46	68.20	12.40	35.40

Carrier frequency (MHz): 5180
Channel No.:36
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	86.95	39.15	N/A	N/A	12.40	35.40
2	5150	41.06	-6.74	-27.14	68.20	12.40	35.40

Carrier frequency (MHz): 5180 MHz
Channel No.: 36
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	83.78	35.98	N/A	N/A	12.40	35.40
2	5150	36.62	-11.18	-17.38	54.00	12.40	35.40

Carrier frequency (MHz): 5180 MHz
Channel No.: 36
Test Mode: 802.11ac (VHT20 MIMO)
Polarity: Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	82.22	34.42	N/A	N/A	12.40	35.40
2	5150	36.10	-11.70	-17.90	54.00	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.: 48
Test Mode: 802.11ac (VHT20 MIMO)
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	90.41	42.61	N/A	N/A	12.40	35.40
2	5250	41.23	-6.57	-26.97	68.20	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.: 48
Test Mode: 802.11ac (VHT20 MIMO)
Polarity: Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	88.37	40.57	N/A	N/A	12.40	35.40
2	5250	41.40	-6.40	-26.80	68.20	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.: 48
Test Mode: 802.11ac (VHT20 MIMO)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	83.28	35.48	N/A	N/A	12.40	35.40
2	5250	37.19	-10.61	-16.81	54.00	12.40	35.40

Carrier frequency (MHz): 5240 MHz
Channel No.:48
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5240	80.59	32.79	N/A	N/A	12.40	35.40
2	5250	37.97	-9.83	-16.03	54.00	12.40	35.40

Carrier frequency (MHz): 5190 MHz
Channel No.:38
Test Mode: 802.11n (HT40)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	87.13	39.33	N/A	N/A	12.40	35.40
2	5150	42.31	-5.49	-25.89	68.20	12.40	35.40

Carrier frequency (MHz): 5190 MHz
Channel No.:38
Test Mode: 802.11n (HT40)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	84.67	36.87	N/A	N/A	12.40	35.40
2	5150	42.43	-5.37	-25.77	68.20	12.40	35.40

Carrier frequency (MHz): 5190 MHz
Channel No.:38
Test Mode: 802.11n (HT40)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	82.87	35.07	N/A	N/A	12.40	35.40
2	5150	36.41	-11.39	-17.59	54.00	12.40	35.40

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	80.96	33.16	N/A	N/A	12.40	35.40
2	5150	35.92	-11.88	-18.08	54.00	12.40	35.40

Carrier frequency (MHz): 5230 MHz

Channel No.:46

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	87.62	39.82	N/A	N/A	12.40	35.40
2	5250	41.62	-6.18	-26.58	68.20	12.40	35.40

Carrier frequency (MHz): 5230 MHz

Channel No.:46

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	85.03	37.23	N/A	N/A	12.40	35.40
2	5250	42.62	-5.18	-25.58	68.20	12.40	35.40

Carrier frequency (MHz): 5230 MHz

Channel No.:46

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	81.29	33.49	N/A	N/A	12.40	35.40
2	5250	37.04	-10.76	-16.96	54.00	12.40	35.40

Carrier frequency (MHz): 5230 MHz

Channel No.:46

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	78.94	31.14	N/A	N/A	12.40	35.40
2	5250	37.36	-10.44	-16.64	54.00	12.40	35.40

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11ac (VHT40 MIMO)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	87.41	39.61	N/A	N/A	12.40	35.40
2	5150	41.32	-6.48	-26.88	68.20	12.40	35.40

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11ac (VHT40 MIMO)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	84.61	36.81	N/A	N/A	12.40	35.40
2	5150	40.53	-7.27	-27.67	68.20	12.40	35.40

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11ac (VHT40 MIMO)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	82.14	34.34	N/A	N/A	12.40	35.40
2	5150	36.18	-11.62	-17.82	54.00	12.40	35.40

Carrier frequency (MHz): 5190 MHz
Channel No.:38
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	79.41	31.61	N/A	N/A	12.40	35.40
2	5150	36.54	-11.26	-17.46	54.00	12.40	35.40

Carrier frequency (MHz): 5230 MHz
Channel No.:46
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	87.90	40.10	N/A	N/A	12.40	35.40
2	5250	42.58	-5.22	-25.62	68.20	12.40	35.40

Carrier frequency (MHz): 5230 MHz
Channel No.:46
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	84.93	37.13	N/A	N/A	12.40	35.40
2	5250	41.63	-6.17	-26.57	68.20	12.40	35.40

Carrier frequency (MHz): 5230 MHz
Channel No.:46
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	82.75	34.95	N/A	N/A	12.40	35.40
2	5250	37.46	-10.34	-16.54	54.00	12.40	35.40

Carrier frequency (MHz): 5230 MHz
Channel No.:46
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	80.97	33.17	N/A	N/A	12.40	35.40
2	5250	37.27	-10.53	-16.73	54.00	12.40	35.40

Carrier frequency (MHz): 5210 MHz
Channel No.:42
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	85.57	37.77	N/A	N/A	12.40	35.40
2	5150	41.98	-5.82	-26.22	68.20	12.40	35.40

Carrier frequency (MHz): 5210 MHz
Channel No.:42
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	83.91	36.11	N/A	N/A	12.40	35.40
2	5150	42.15	-5.65	-26.05	68.20	12.40	35.40

Carrier frequency (MHz): 5210 MHz
Channel No.:42
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	80.61	32.81	N/A	N/A	12.40	35.40
2	5150	37.66	-10.14	-16.34	54.00	12.40	35.40

Carrier frequency (MHz): 5210 MHz
Channel No.:42
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	79.00	31.20	N/A	N/A	12.40	35.40
2	5150	37.60	-10.20	-16.40	54.00	12.40	35.40

Carrier frequency (MHz): 5745 MHz
Channel No.:149
Test Mode: 802.11a (Chain1)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	90.15	42.55	N/A	N/A	12.90	34.70
2	5725	42.78	-4.82	-25.42	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz
Channel No.:149
Test Mode: 802.11a (Chain1)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	87.66	40.06	N/A	N/A	12.90	34.70
2	5725	42.63	-4.97	-25.57	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz
Channel No.:149
Test Mode: 802.11a (Chain1)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	84.32	36.72	N/A	N/A	12.90	34.70
2	5725	36.49	-11.11	-17.51	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11a (Chain1)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	82.60	35.00	N/A	N/A	12.90	34.70
2	5725	36.03	-11.57	-17.97	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a (Chain1)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	91.45	43.85	N/A	N/A	12.90	34.70
2	5845	41.83	-5.77	-26.37	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a (Chain1)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	90.15	42.55	N/A	N/A	12.90	34.70
2	5845	42.57	-5.03	-25.63	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a (Chain1)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	84.91	37.31	N/A	N/A	12.90	34.70
2	5845	37.18	-10.42	-16.82	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a (Chain1)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	83.06	35.46	N/A	N/A	12.90	34.70
2	5845	37.70	-9.90	-16.30	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11n (HT20 MIMO)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	90.36	42.76	N/A	N/A	12.90	34.70
2	5725	42.06	-5.54	-26.14	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11n (HT20 MIMO)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	88.84	41.24	N/A	N/A	12.90	34.70
2	5725	42.46	-5.14	-25.74	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11n (HT20 MIMO)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	84.03	36.43	N/A	N/A	12.90	34.70
2	5725	37.81	-9.79	-16.19	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11n (HT20 MIMO)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	81.29	33.69	N/A	N/A	12.90	34.70
2	5725	36.91	-10.69	-17.09	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11n (HT20 MIMO)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	91.48	43.88	N/A	N/A	12.90	34.70
2	5845	42.24	-5.36	-25.96	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11n (HT20 MIMO)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	88.50	40.90	N/A	N/A	12.90	34.70
2	5845	42.95	-4.65	-25.25	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11n (HT20 MIMO)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	84.51	36.91	N/A	N/A	12.90	34.70
2	5845	37.66	-9.94	-16.34	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11n (HT20 MIMO)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	82.74	35.14	N/A	N/A	12.90	34.70
2	5845	37.80	-9.80	-16.20	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11ac (VHT20 MIMO)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	90.02	42.42	N/A	N/A	12.90	34.70
2	5725	42.69	-4.91	-25.51	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11ac (VHT20 MIMO)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	88.16	40.56	N/A	N/A	12.90	34.70
2	5725	42.70	-4.90	-25.50	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz

Channel No.:149

Test Mode: 802.11ac (VHT20 MIMO)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	84.53	36.93	N/A	N/A	12.90	34.70
2	5725	36.46	-11.14	-17.54	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz
Channel No.:149
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5745	82.60	35.00	N/A	N/A	12.90	34.70
2	5725	36.44	-11.16	-17.56	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	91.73	44.13	N/A	N/A	12.90	34.70
2	5845	42.00	-5.60	-26.20	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	89.44	41.84	N/A	N/A	12.90	34.70
2	5845	42.40	-5.20	-25.80	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	85.58	37.98	N/A	N/A	12.90	34.70
2	5845	36.46	-11.14	-17.54	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11ac (VHT20 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	84.54	36.94	N/A	N/A	12.90	34.70
2	5845	37.37	-10.23	-16.63	54.00	12.90	34.70

Carrier frequency (MHz): 5755 MHz
Channel No.:151
Test Mode: 802.11n (HT40)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	90.31	42.71	N/A	N/A	12.90	34.70
2	5715	42.62	-4.98	-25.58	68.20	12.90	34.70

Carrier frequency (MHz): 5755 MHz
Channel No.:151
Test Mode: 802.11n (HT40)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	87.40	39.80	N/A	N/A	12.90	34.70
2	5715	43.22	-4.38	-24.98	68.20	12.90	34.70

Carrier frequency (MHz): 5755 MHz
Channel No.:151
Test Mode: 802.11n (HT40)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	85.76	38.16	N/A	N/A	12.90	34.70
2	5715	37.13	-10.47	-16.87	54.00	12.90	34.70

Carrier frequency (MHz): 5755 MHz

Channel No.:151

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	82.76	35.16	N/A	N/A	12.90	34.70
2	5715	36.59	-11.01	-17.41	54.00	12.90	34.70

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	89.24	41.64	N/A	N/A	12.90	34.70
2	5835	41.66	-5.94	-26.54	68.20	12.90	34.70

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	87.67	40.07	N/A	N/A	12.90	34.70
2	5835	42.25	-5.35	-25.95	68.20	12.90	34.70

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	83.98	36.38	N/A	N/A	12.90	34.70
2	5835	36.19	-11.41	-17.81	54.00	12.90	34.70

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	81.23	33.63	N/A	N/A	12.90	34.70
2	5835	35.80	-11.80	-18.20	54.00	12.90	34.70

Carrier frequency (MHz): 5755 MHz

Channel No.:151

Test Mode: 802.11ac (VHT40 MIMO)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	90.88	43.28	N/A	N/A	12.90	34.70
2	5715	42.70	-4.90	-25.50	68.20	12.90	34.70

Carrier frequency (MHz): 5755 MHz

Channel No.:151

Test Mode: 802.11ac (VHT40 MIMO)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	89.51	41.91	N/A	N/A	12.90	34.70
2	5715	43.35	-4.25	-24.85	68.20	12.90	34.70

Carrier frequency (MHz): 5755 MHz

Channel No.:151

Test Mode: 802.11ac (VHT40 MIMO)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	84.51	36.91	N/A	N/A	12.90	34.70
2	5715	37.32	-10.28	-16.68	54.00	12.90	34.70

Carrier frequency (MHz): 5755 MHz
Channel No.:151
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	81.67	34.07	N/A	N/A	12.90	34.70
2	5715	38.02	-9.58	-15.98	54.00	12.90	34.70

Carrier frequency (MHz): 5795 MHz
Channel No.:159
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	89.52	41.92	N/A	N/A	12.90	34.70
2	5835	41.37	-6.23	-26.83	68.20	12.90	34.70

Carrier frequency (MHz): 5795 MHz
Channel No.:159
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	88.23	40.63	N/A	N/A	12.90	34.70
2	5835	40.53	-7.07	-27.67	68.20	12.90	34.70

Carrier frequency (MHz): 5795 MHz
Channel No.:159
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	83.32	35.72	N/A	N/A	12.90	34.70
2	5835	36.45	-11.15	-17.55	54.00	12.90	34.70

Carrier frequency (MHz): 5795 MHz
Channel No.:159
Test Mode: 802.11ac (VHT40 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	81.34	33.74	N/A	N/A	12.90	34.70
2	5835	35.77	-11.83	-18.23	54.00	12.90	34.70

Carrier frequency (MHz): 5775 MHz
Channel No.:155
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	86.28	38.68	N/A	N/A	12.90	34.70
2	5695	41.69	-5.91	-26.51	68.20	12.90	34.70

Carrier frequency (MHz): 5775 MHz
Channel No.:155
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	84.34	36.74	N/A	N/A	12.90	34.70
2	5695	41.88	-5.72	-26.32	68.20	12.90	34.70

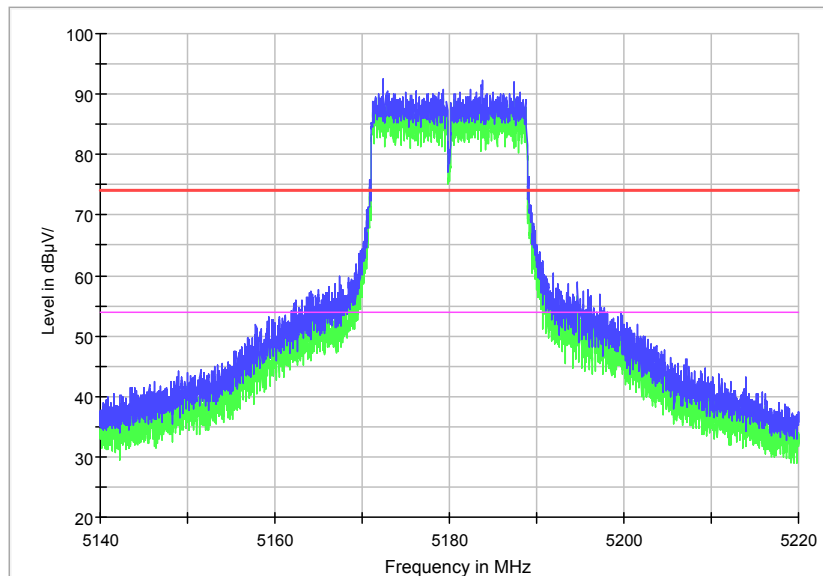
Carrier frequency (MHz): 5775 MHz
Channel No.:155
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	80.59	32.99	N/A	N/A	12.90	34.70
2	5695	37.51	-10.09	-16.49	54.00	12.90	34.70

Carrier frequency (MHz): 5775 MHz
Channel No.:155
Test Mode: 802.11ac (VHT80 MIMO)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	79.39	31.79	N/A	N/A	12.90	34.70
2	5695	37.68	-9.92	-16.32	54.00	12.90	34.70

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Radiated Emission Band Edge for 5180MHz

Sample Calculations

Determining Spurious Emissions Levels

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

$$\text{Result} = P_{\text{mea}} + A_{Rpl}$$

Sample calculation: $(23.7 \text{ dB}\mu\text{V/m}) = (44.4 \text{ dB}\mu\text{V}) + (-20.7 \text{ dB/m})$, the corresponding frequency is 31.498MHz.

The worst case attitude: The mobile lay down.

For 802.11a(Chain1) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.855	31.58	-17.3	48.88	Vertical	40
57.4995	32.64	-18	50.64	Vertical	40
118.3185	27.17	-21.2	48.37	Vertical	43.5
192.96	11.88	-19.2	31.08	Vertical	43.5
555.74	12.94	-9.6	22.54	Vertical	46
920.848	18.7	-3.1	21.8	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.6125	31.34	-17.2	48.54	Vertical	40
56.9175	32.27	-17.9	50.17	Vertical	40
117.591	27.72	-21.1	48.82	Vertical	43.5
195.9185	10.85	-18.9	29.75	Vertical	43.5
524.991	12.97	-10.3	23.27	Vertical	46
934.7675	18.88	-3	21.88	Vertical	46

For 802.11ac(VHT20 MIMO) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
48.9635	31.23	-17.2	48.43	Vertical	40
57.548	33.26	-18	51.26	Vertical	40
116.7665	28.17	-21	49.17	Vertical	43.5
193.445	11.62	-19.2	30.82	Vertical	43.5
454.9085	11.04	-12	23.04	Vertical	46
905.425	18.4	-3.1	21.5	Vertical	46

For 802.11a(Chain1) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
48.9635	31.23	-17.2	48.43	Vertical	40
57.548	33.26	-18	51.26	Vertical	40
116.7665	28.17	-21	49.17	Vertical	43.5
193.445	11.62	-19.2	30.82	Vertical	43.5
454.9085	11.04	-12	23.04	Vertical	46
905.425	18.4	-3.1	21.5	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.7095	31.43	-17.3	48.73	Vertical	40
57.063	31.79	-17.9	49.69	Vertical	40
117.5425	27.42	-21.1	48.52	Vertical	43.5
196.646	10.24	-18.8	29.04	Vertical	43.5
537.6495	12.98	-10	22.98	Vertical	46
910.9055	18.6	-3.1	21.7	Vertical	46

For 802.11ac(VHT20 MIMO) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.855	31.56	-17.3	48.86	Vertical	40
56.5295	32.34	-17.8	50.14	Vertical	40
116.6695	27.95	-21	48.95	Vertical	43.5
188.5465	10.36	-19.6	29.96	Vertical	43.5
522.3235	12.87	-10.3	23.17	Vertical	46
915.9495	18.61	-3.1	21.71	Vertical	46

For 802.11a(Chain1) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.6125	31.22	-17.2	48.42	Vertical	40
56.3355	32.64	-17.8	50.44	Vertical	40
116.7665	27.87	-21	48.87	Vertical	43.5
193.445	9.79	-19.2	28.99	Vertical	43.5
519.7045	12.79	-10.3	23.09	Vertical	46
864.3455	17.32	-4	21.32	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
48.527	30.76	-17.2	47.96	Vertical	40
56.4325	32.68	-17.8	50.48	Vertical	40
116.9605	28.11	-21	49.11	Vertical	43.5
192.0385	10.14	-19.3	29.44	Vertical	43.5
521.402	12.93	-10.3	23.23	Vertical	46
937.5805	19.41	-3	22.41	Vertical	46

For 802.11ac(VHT20 MIMO) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.564	31.29	-17.2	48.49	Vertical	40
56.6265	32.3	-17.8	50.1	Vertical	40
116.621	28.01	-21	49.01	Vertical	43.5
189.953	9.85	-19.5	29.35	Vertical	43.5
499.868	12.32	-10.6	22.92	Vertical	46
908.0925	18.5	-3.1	21.6	Vertical	46

For 802.11n(HT40 MIMO) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
48.7695	31.15	-17.2	48.35	Vertical	40
56.1415	33.01	-17.7	50.71	Vertical	40
117.203	27.96	-21	48.96	Vertical	43.5
187.819	10.01	-19.7	29.71	Vertical	43.5
553.606	12.87	-9.7	22.57	Vertical	46
947.2805	18.7	-3.1	21.8	Vertical	46

For 802.11ac(VHT40 MIMO) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.146	31.47	-17.3	48.77	Vertical	40
55.22	32.11	-17.6	49.71	Vertical	40
115.6995	26.95	-20.9	47.85	Vertical	43.5
189.2255	10.09	-19.6	29.69	Vertical	43.5
550.502	12.91	-9.8	22.71	Vertical	46
909.3535	18.62	-3.1	21.72	Vertical	46

For 802.11n(HT40 MIMO) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.049	31.51	-17.3	48.81	Vertical	40
56.384	32.8	-17.8	50.6	Vertical	40
117.8335	28.06	-21.1	49.16	Vertical	43.5
188.4495	10.23	-19.7	29.93	Vertical	43.5
523.245	12.78	-10.3	23.08	Vertical	46
911.4875	18.56	-3.1	21.66	Vertical	46

For 802.11ac(VHT40 MIMO) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.855	31.58	-17.3	48.88	Vertical	40
55.705	32.86	-17.6	50.46	Vertical	40
117.494	27.45	-21.1	48.55	Vertical	43.5
191.6505	9.91	-19.3	29.21	Vertical	43.5
519.4135	12.86	-10.3	23.16	Vertical	46
856.44	17.2	-4.2	21.4	Vertical	46

For 802.11ac(VHT80 MIMO) Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.8065	31.49	-17.3	48.79	Vertical	40
56.2385	32.79	-17.7	50.49	Vertical	40
117.106	28.03	-21	49.03	Vertical	43.5
188.595	10.17	-19.6	29.77	Vertical	43.5
540.22	12.97	-9.9	22.87	Vertical	46
902.418	18.37	-3.1	21.47	Vertical	46

For 802.11a(chain1) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.758	31.59	-17.3	48.89	Vertical	40
56.2385	32.75	-17.7	50.45	Vertical	40
117.1545	28.07	-21	49.07	Vertical	43.5
188.5465	9.99	-19.6	29.59	Vertical	43.5
536.728	13.01	-10	23.01	Vertical	46
911.827	18.62	-3.1	21.72	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
49.109	31.15	-17.2	48.35	Vertical	40
55.705	33	-17.6	50.6	Vertical	40
116.8635	28.21	-21	49.21	Vertical	43.5
188.8375	9.98	-19.6	29.58	Vertical	43.5
556.9525	12.99	-9.6	22.59	Vertical	46
959.648	18.78	-2.8	21.58	Vertical	46

For 802.11ac(VHT20 MIMO) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.2915	31.23	-17.3	48.53	Vertical	40
55.802	33.06	-17.7	50.76	Vertical	40
117.4455	28.1	-21.1	49.2	Vertical	43.5
190.8745	9.71	-19.4	29.11	Vertical	43.5
505.0575	12.41	-10.5	22.91	Vertical	46
890.584	18.01	-3.4	21.41	Vertical	46

For 802.11a(chain1) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.4185	30.87	-17.2	48.07	Vertical	40
56.19	32.89	-17.7	50.59	Vertical	40
117.009	27.69	-21	48.69	Vertical	43.5
195.3365	9.06	-19	28.06	Vertical	43.5
548.3195	12.91	-9.8	22.71	Vertical	46
925.504	18.85	-3.1	21.95	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.6125	31.17	-17.2	48.37	Vertical	40
55.608	32.85	-17.6	50.45	Vertical	40
123.411	25.62	-21.7	47.32	Vertical	43.5
195.6275	8.97	-18.9	27.87	Vertical	43.5
547.5435	12.84	-9.9	22.74	Vertical	46
919.9265	18.61	-3.1	21.71	Vertical	46

For 802.11ac(VHT20 MIMO) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
49.012	31.11	-17.2	48.31	Vertical	40
56.0445	33.2	-17.7	50.9	Vertical	40
117.6395	28	-21.1	49.1	Vertical	43.5
194.124	9.2	-19.1	28.3	Vertical	43.5
555.934	13.04	-9.6	22.64	Vertical	46
901.5935	18.32	-3.1	21.42	Vertical	46

For 802.11a(chain1) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.6125	31.34	-17.2	48.54	Vertical	40
55.705	33.07	-17.6	50.67	Vertical	40
122.053	26.91	-21.6	48.51	Vertical	43.5
188.8375	10.05	-19.6	29.65	Vertical	43.5
535.176	12.92	-10	22.92	Vertical	46
957.417	18.84	-2.9	21.74	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.952	31.53	-17.3	48.83	Vertical	40
55.996	33.11	-17.7	50.81	Vertical	40
118.6095	26.98	-21.2	48.18	Vertical	43.5
191.3595	9.75	-19.4	29.15	Vertical	43.5
505.3485	12.43	-10.5	22.93	Vertical	46
927.1045	18.91	-3	21.91	Vertical	46

For 802.11ac(VHT20 MIMO) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.0005	31.62	-17.3	48.92	Vertical	40
55.9475	32.96	-17.7	50.66	Vertical	40
117.2515	27.98	-21.1	49.08	Vertical	43.5
192.4265	9.66	-19.3	28.96	Vertical	43.5
543.0815	12.97	-9.9	22.87	Vertical	46
896.404	18.15	-3.3	21.45	Vertical	46

For 802.11n(HT40 MIMO) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.049	31.42	-17.3	48.72	Vertical	40
55.996	33.1	-17.7	50.8	Vertical	40
121.665	26.32	-21.5	47.82	Vertical	43.5
194.027	9.15	-19.1	28.25	Vertical	43.5
536.243	12.95	-10	22.95	Vertical	46
912.894	18.64	-3.1	21.74	Vertical	46

For 802.11ac(VHT40 MIMO) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.7095	31.36	-17.3	48.66	Vertical	40
55.9475	33.32	-17.7	51.02	Vertical	40
116.6695	28.04	-21	49.04	Vertical	43.5
190.7775	9.56	-19.4	28.96	Vertical	43.5
544.0515	12.96	-9.9	22.86	Vertical	46
929.966	18.91	-3	21.91	Vertical	46

For 802.11n(HT40 MIMO) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.1945	31.38	-17.3	48.68	Vertical	40
55.802	33.02	-17.7	50.72	Vertical	40
118.561	26.38	-21.2	47.58	Vertical	43.5
188.983	9.93	-19.6	29.53	Vertical	43.5
526.058	12.92	-10.2	23.12	Vertical	46
948.3475	18.76	-3	21.76	Vertical	46

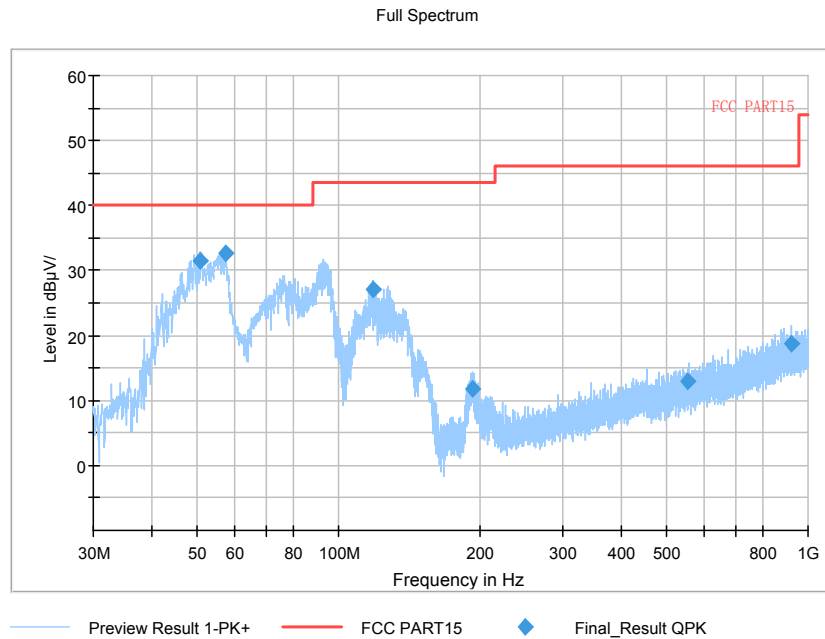
For 802.11ac(VHT40 MIMO) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
50.6125	31.46	-17.2	48.66	Vertical	40
56.0445	32.91	-17.7	50.61	Vertical	40
116.427	27.75	-21	48.75	Vertical	43.5
189.9045	9.66	-19.5	29.16	Vertical	43.5
512.963	12.64	-10.4	23.04	Vertical	46
942.0425	18.89	-3	21.89	Vertical	46

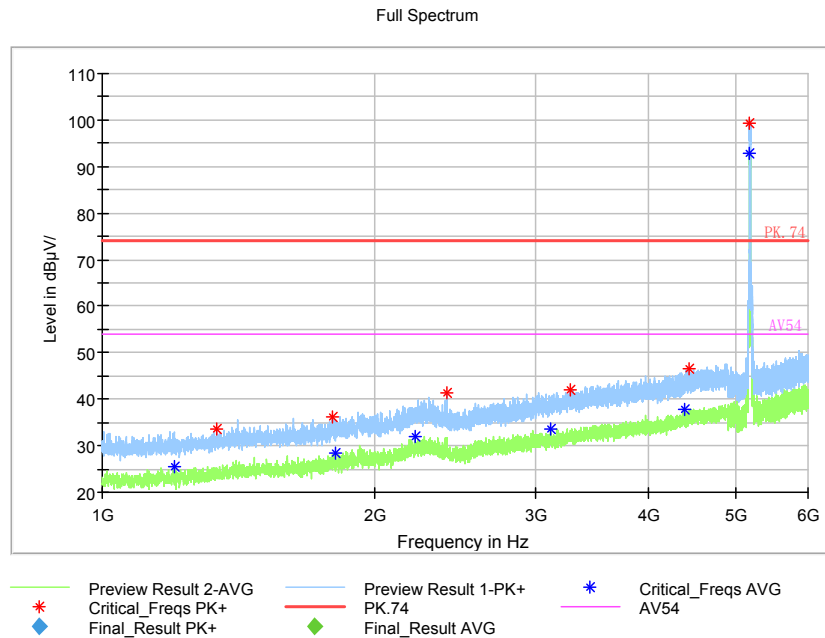
For 802.11ac(VHT80 MIMO) Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
51.146	31.09	-17.3	48.39	Vertical	40
55.6565	33.18	-17.6	50.78	Vertical	40
117.3	28.93	-21.1	50.03	Vertical	43.5
188.692	9.31	-19.6	28.91	Vertical	43.5
556.613	13.09	-9.6	22.69	Vertical	46
932.876	18.94	-3	21.94	Vertical	46

Carrier frequency (MHz): 5180
Channel No.:36

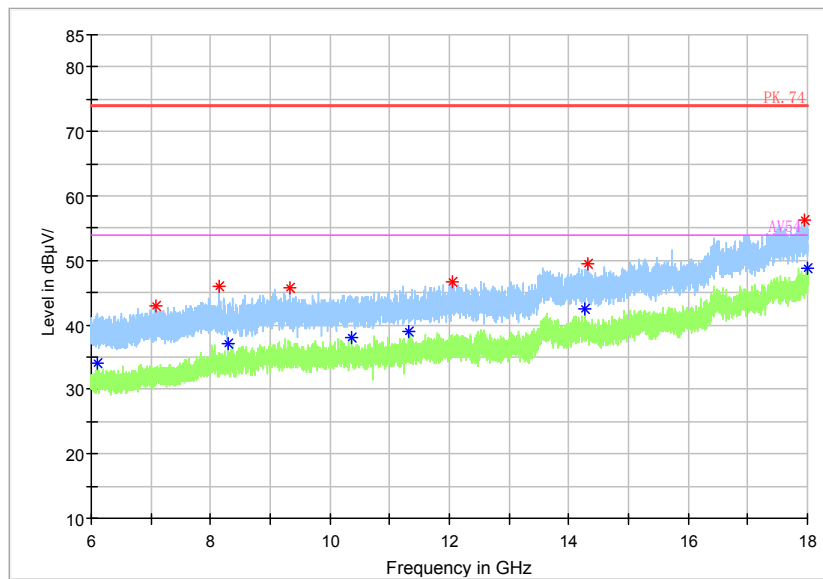


Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11a Chain1



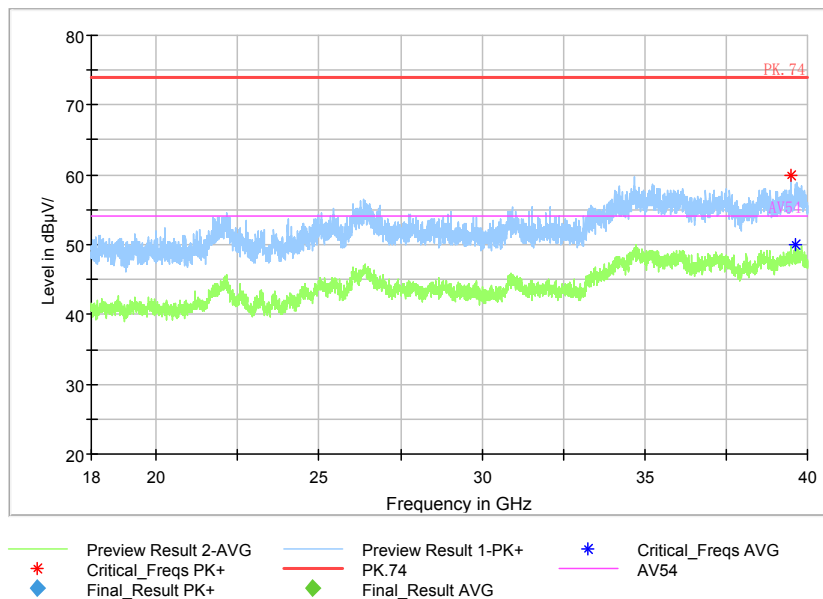
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



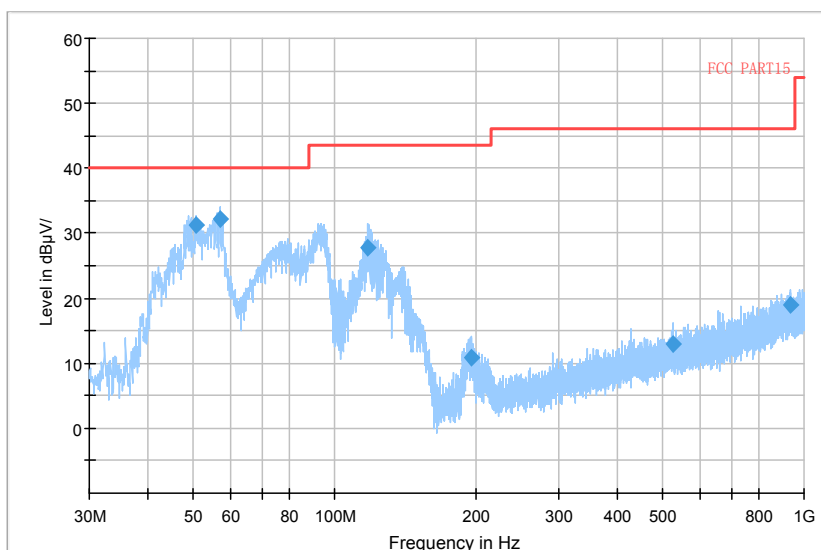
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

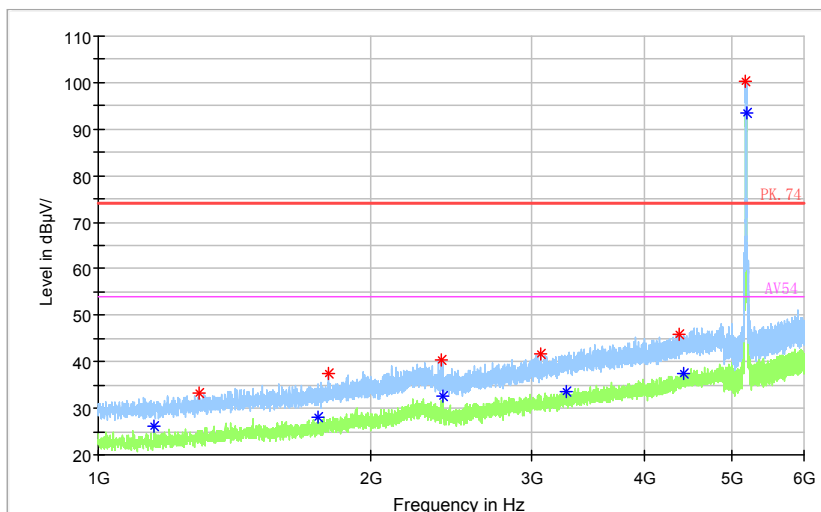
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11n(HT20 MIMO)

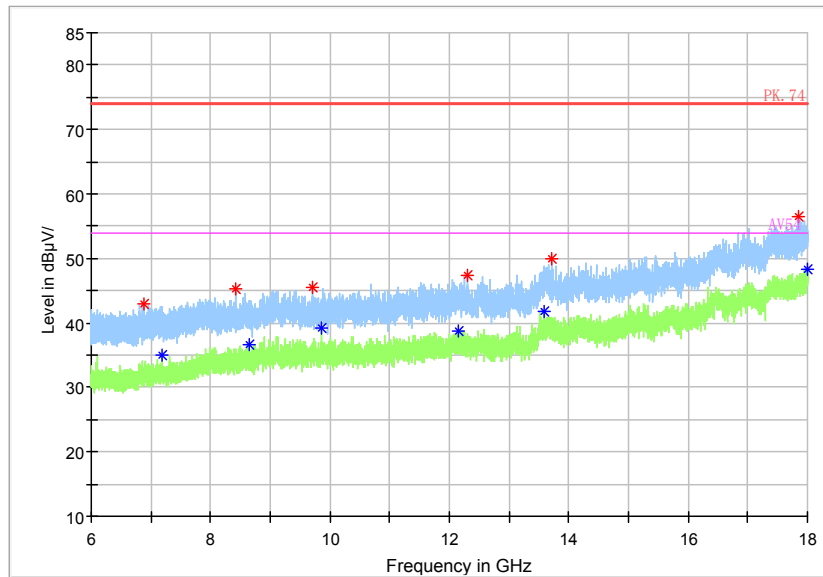
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

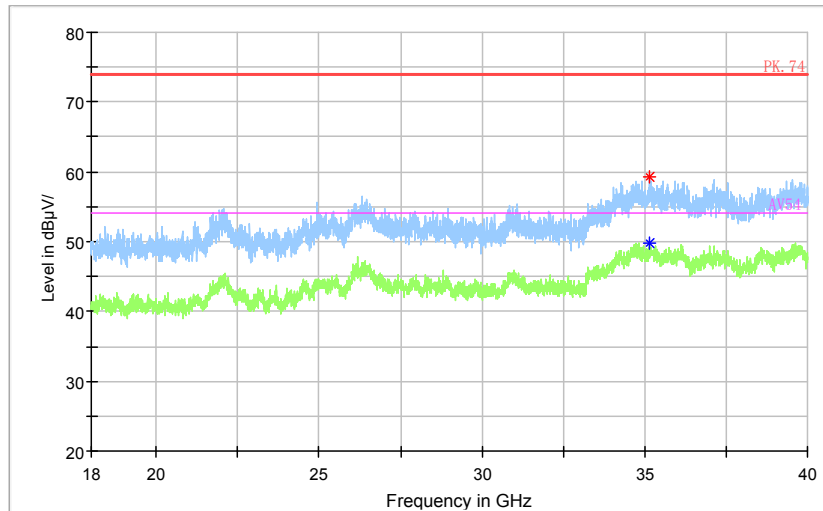
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

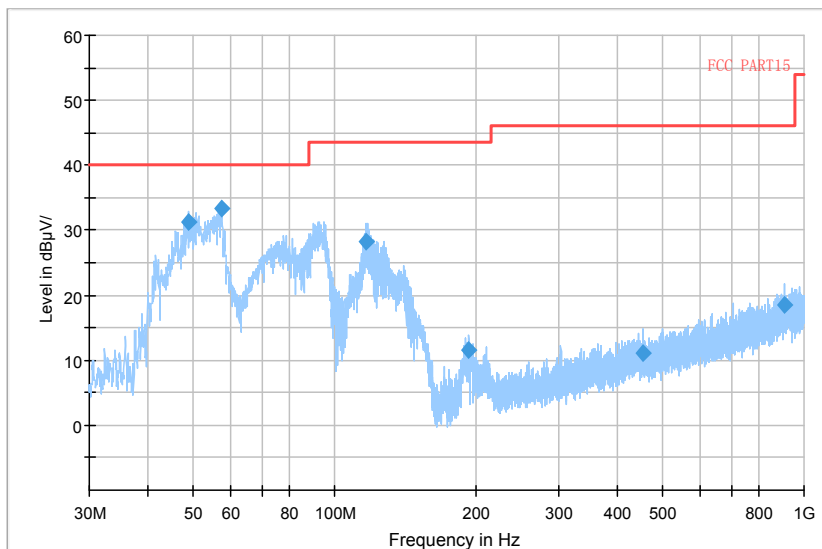
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

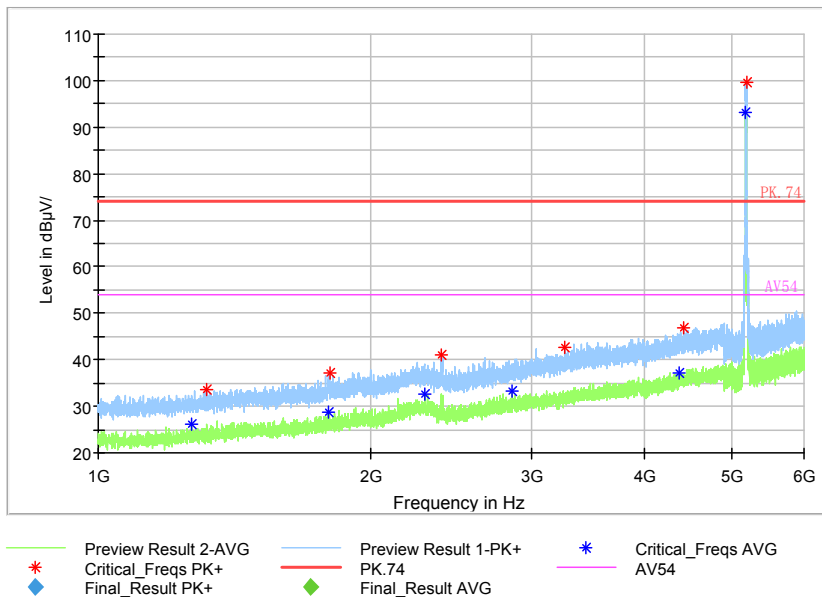
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



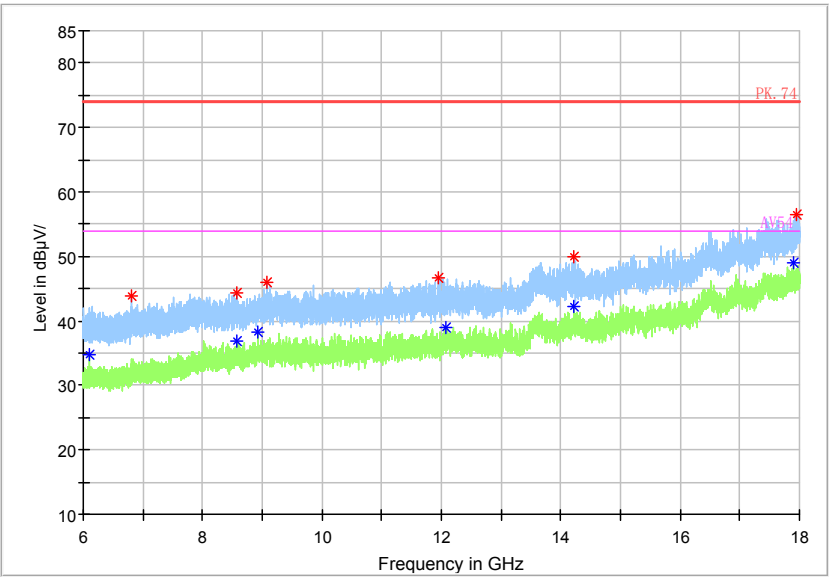
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



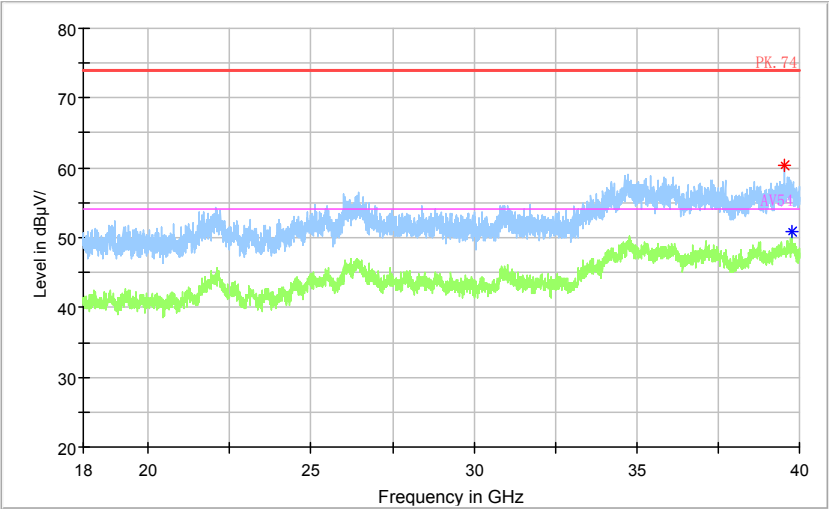
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

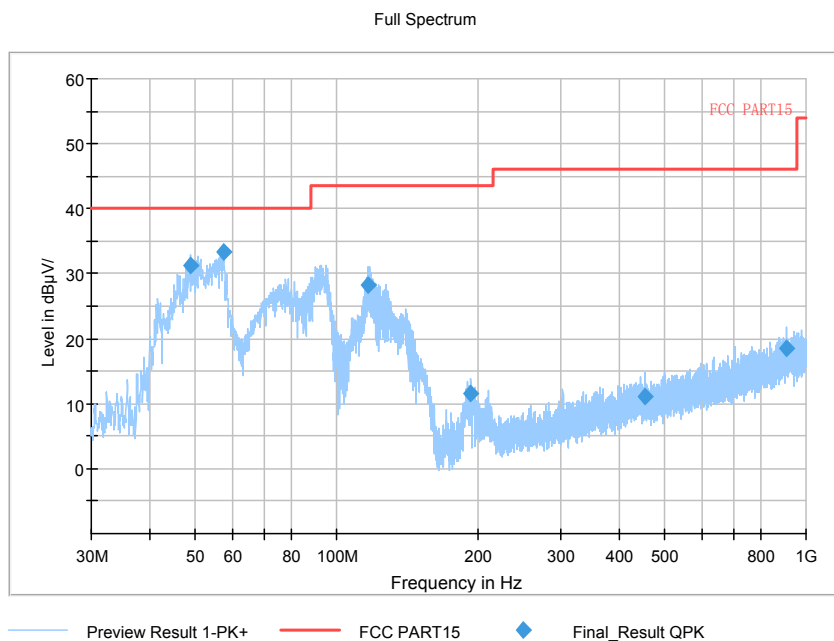
Full Spectrum



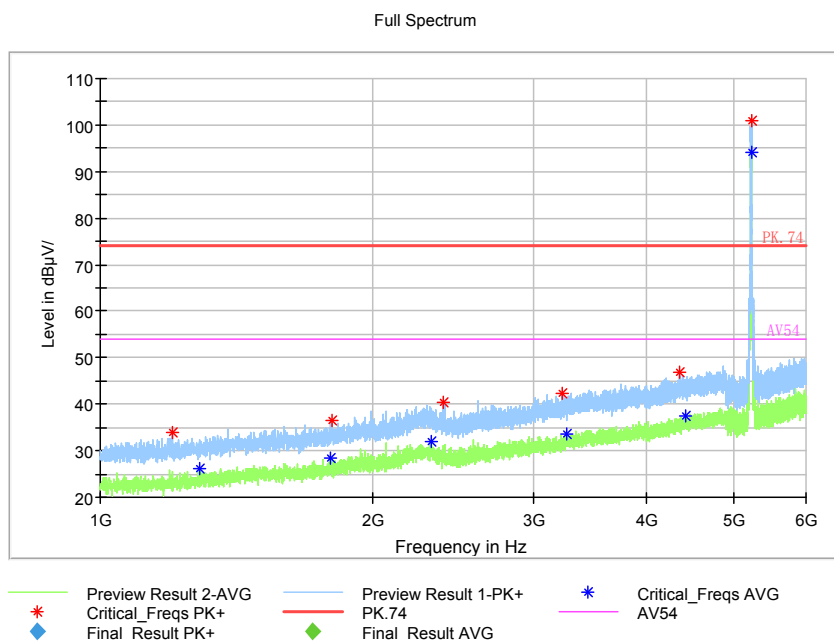
Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Carrier frequency (MHz): 5220
Channel No.:44

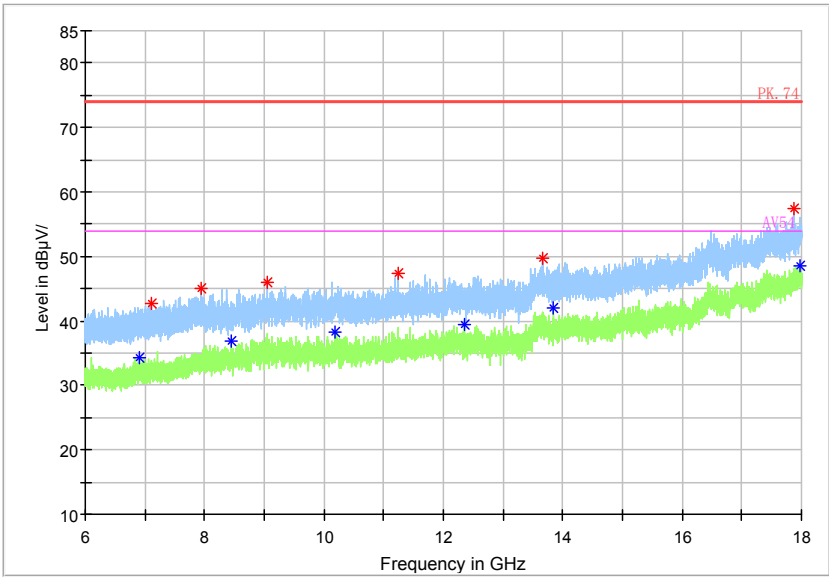


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a (Chain1)



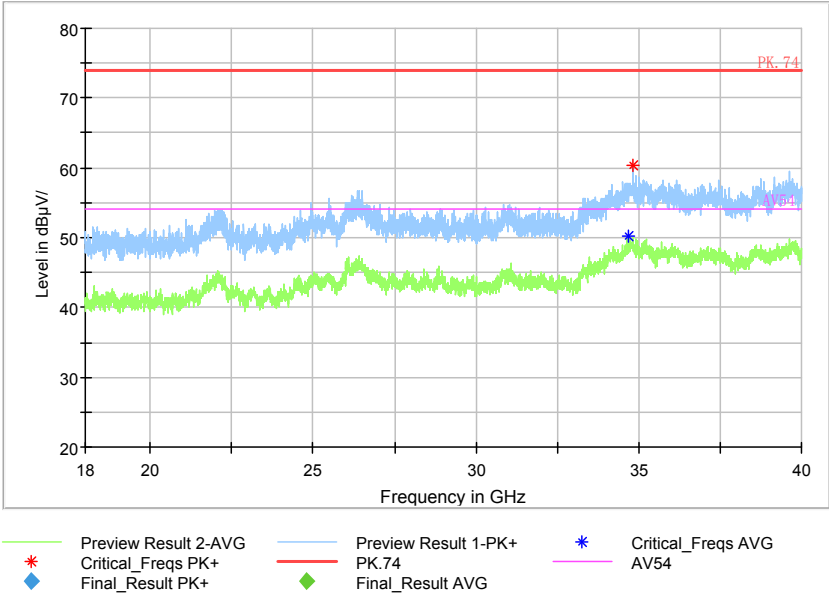
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



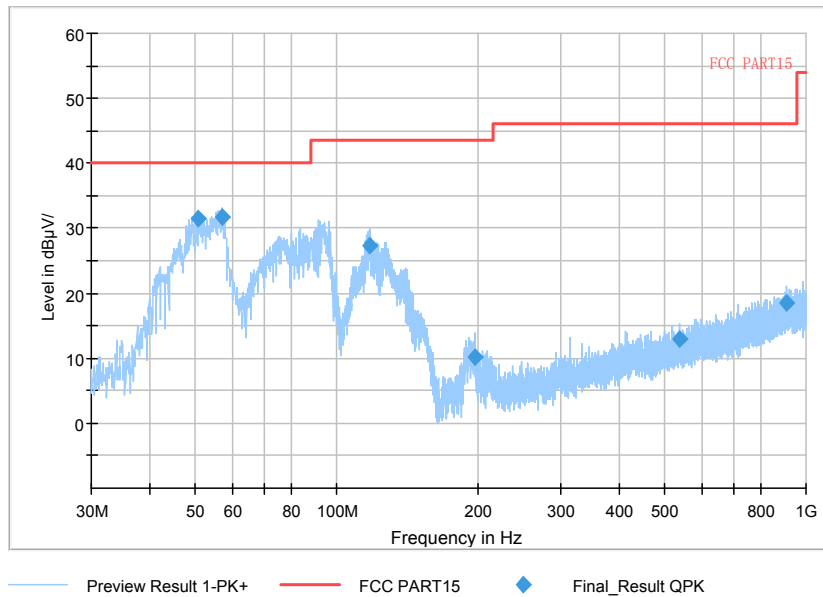
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



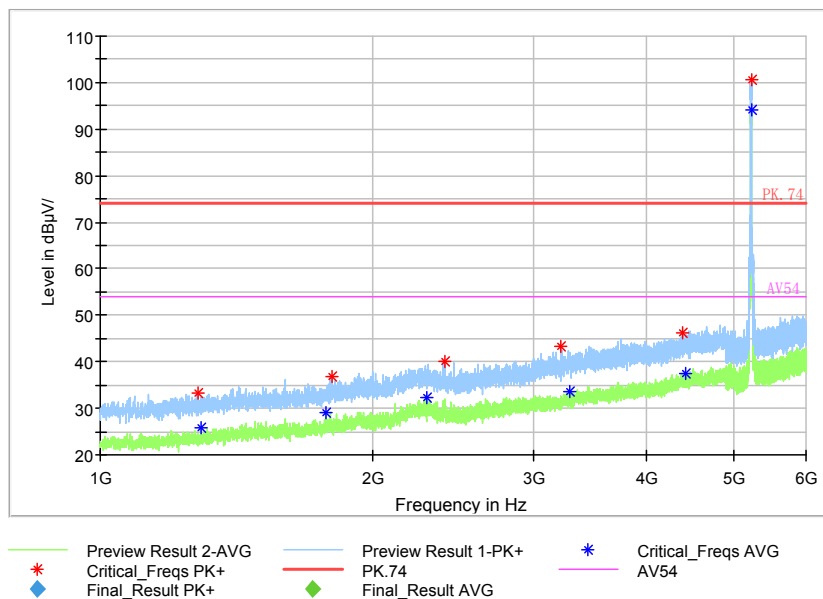
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



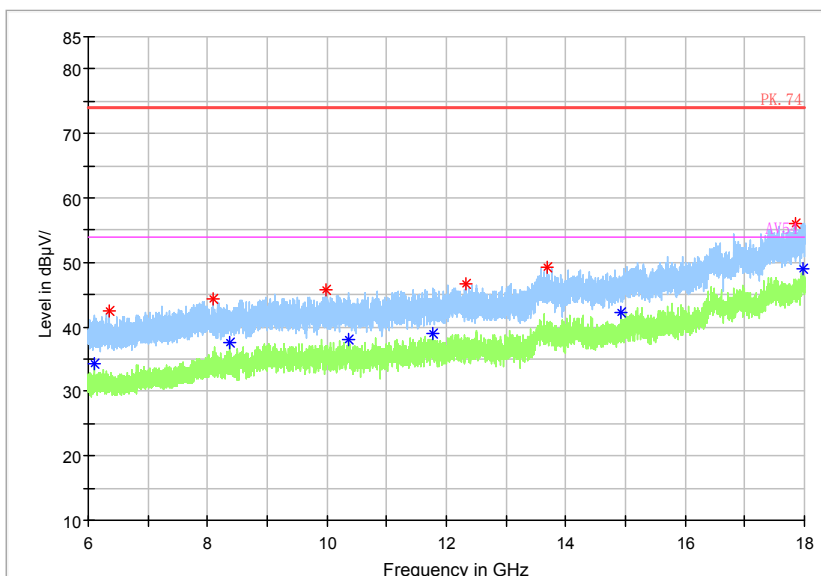
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)

Full Spectrum



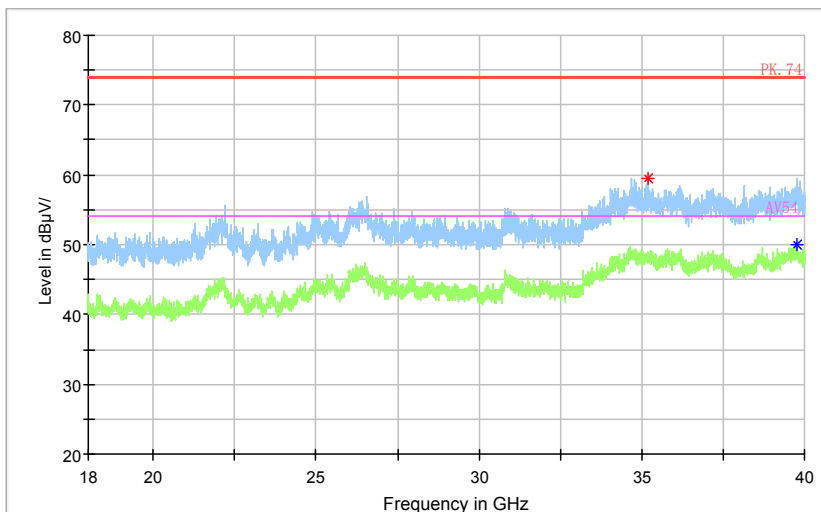
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

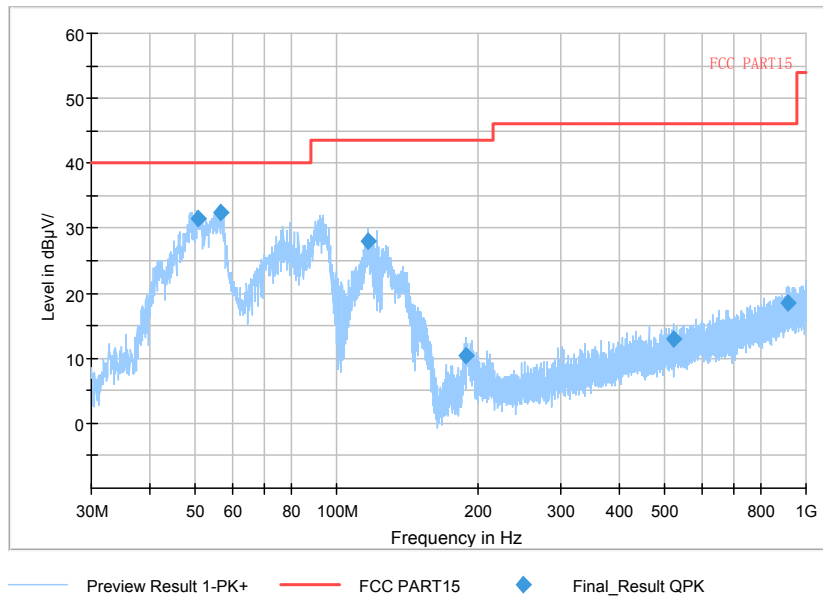
Full Spectrum



— Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
— Critical_Freqs PK+ — PK.74 AV54
— Final_Result PK+ — Final_Result AVG

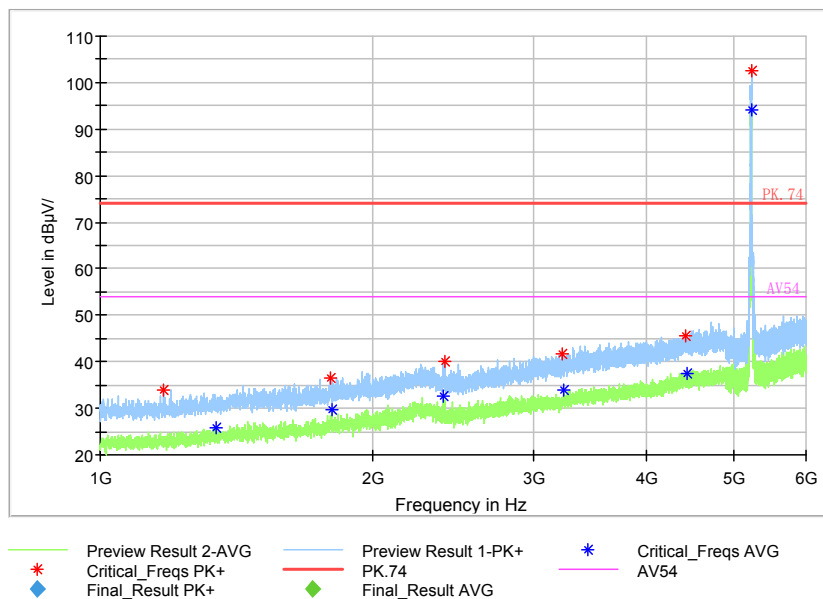
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



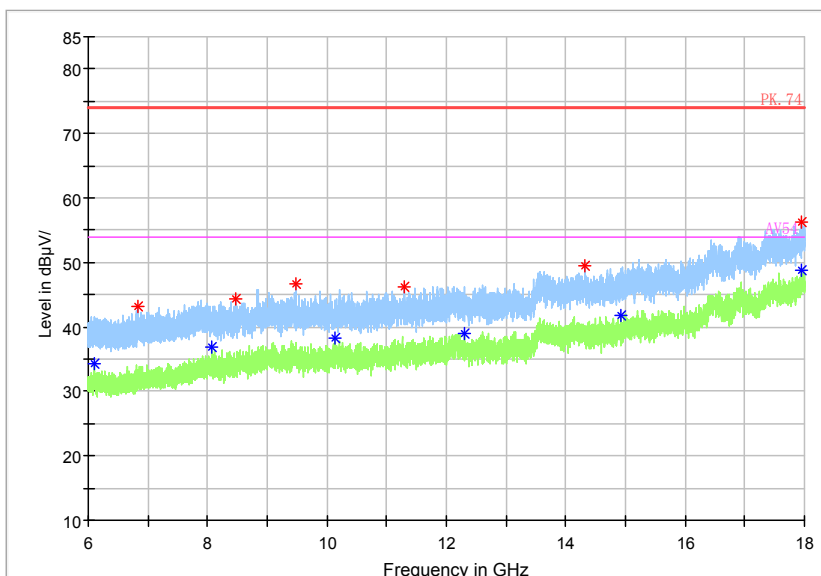
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



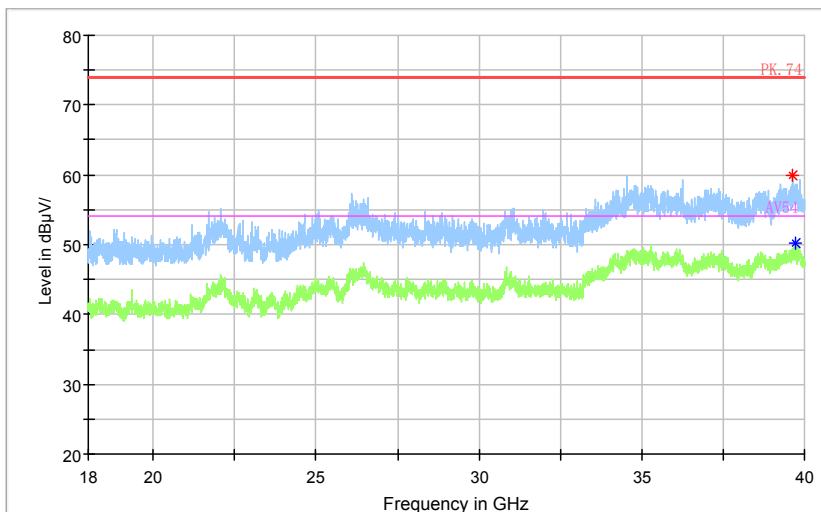
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

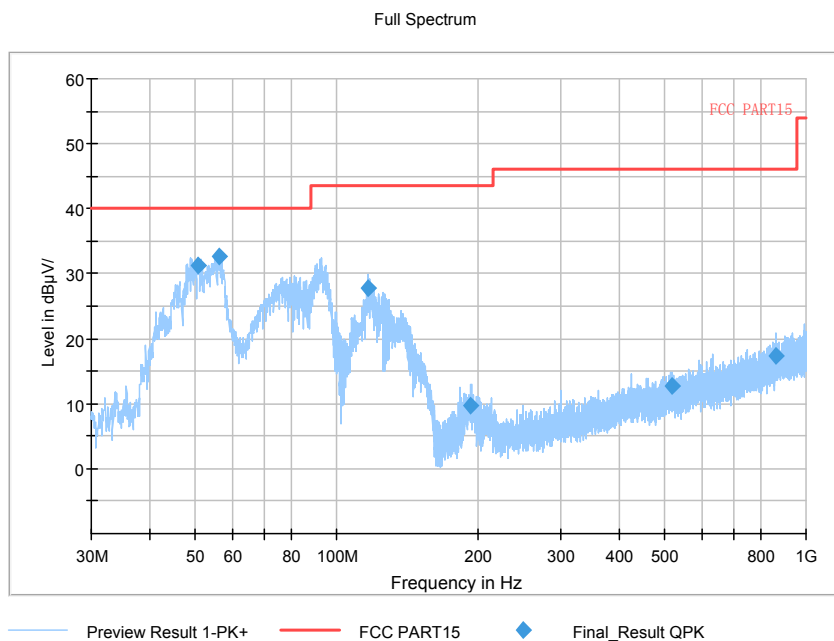
Full Spectrum



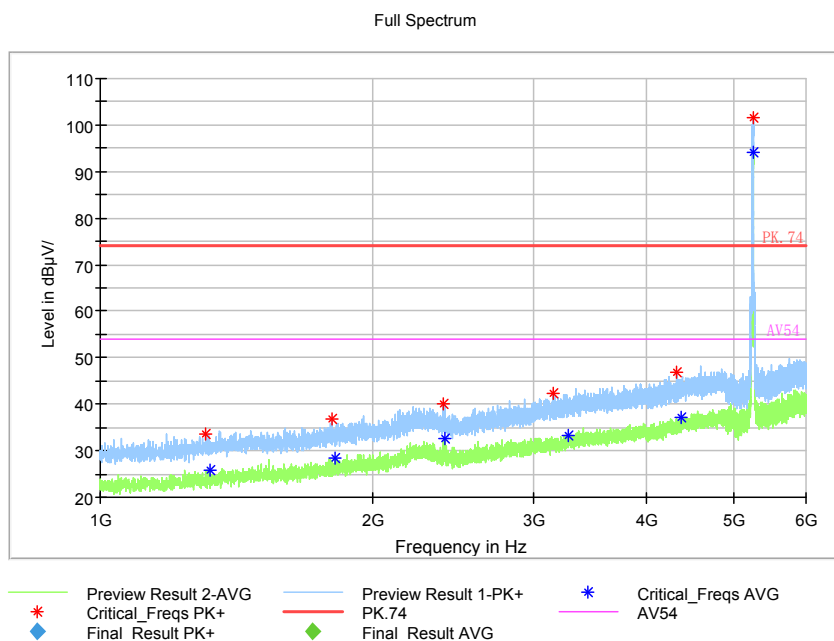
Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Carrier frequency (MHz): 5240
Channel No.:48

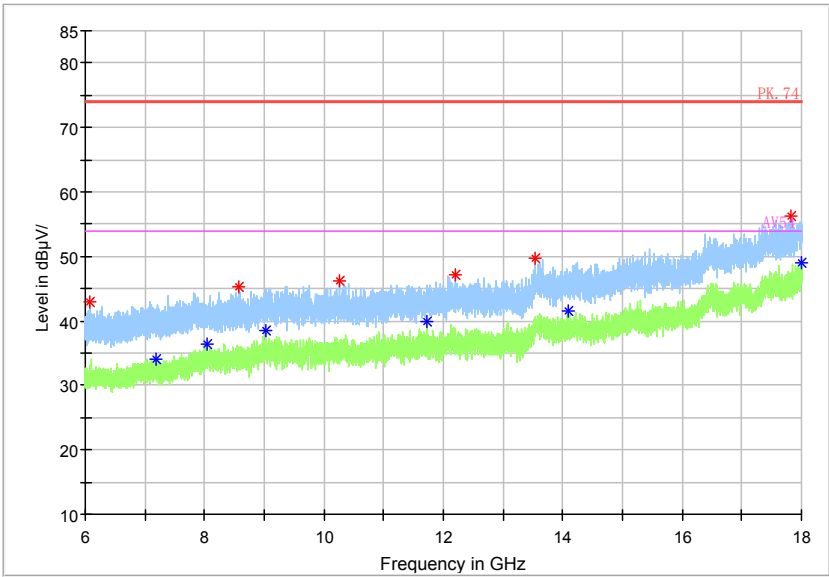


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a (Chain1)



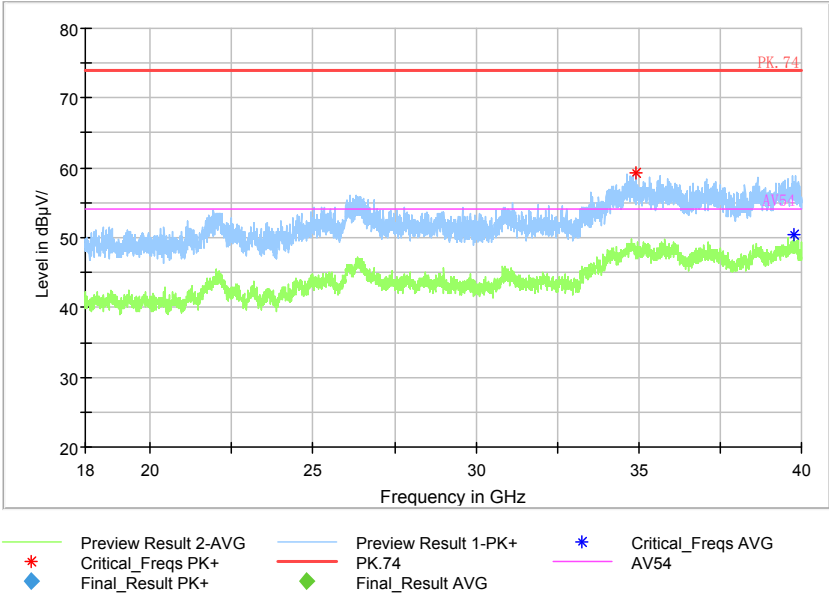
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



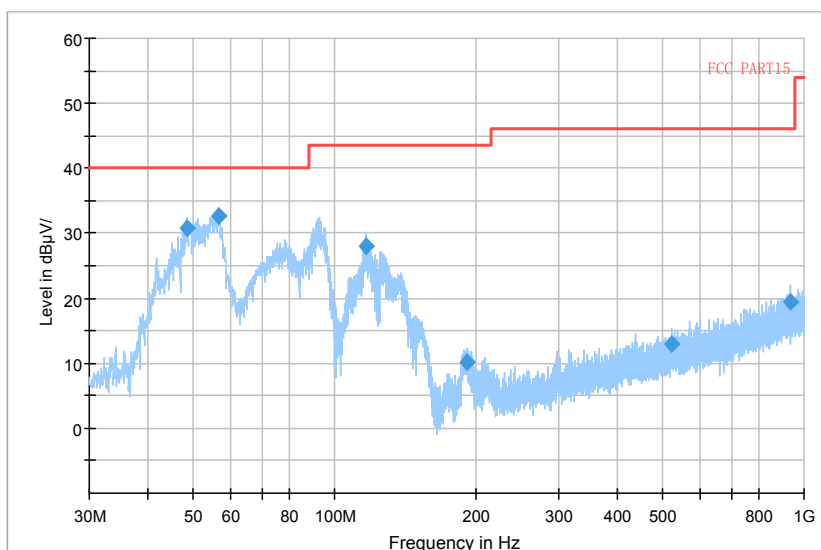
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



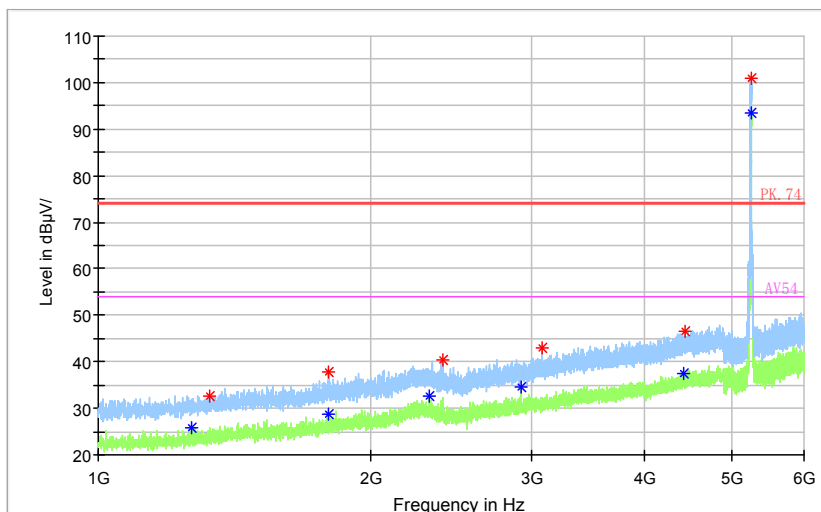
Preview Result 1-PK+ FCC PART15 Final_Result QPK

Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11n(HT20)

Full Spectrum



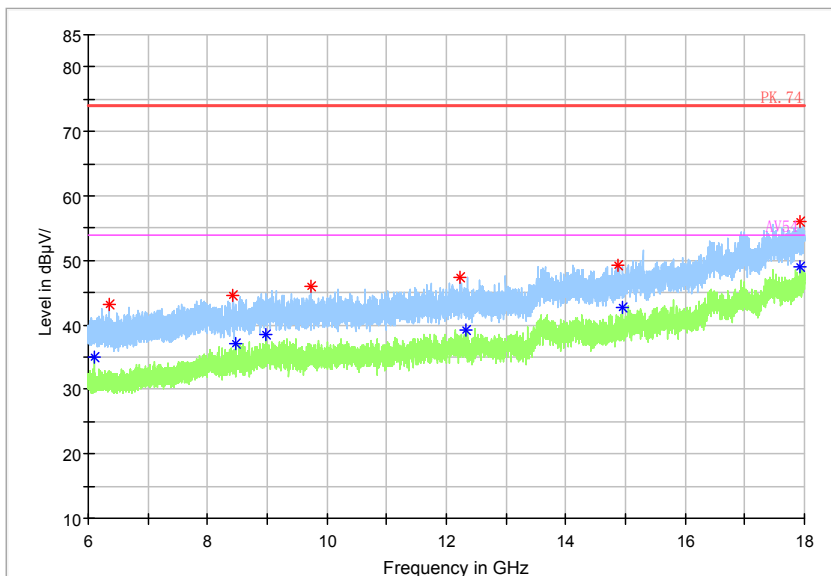
Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

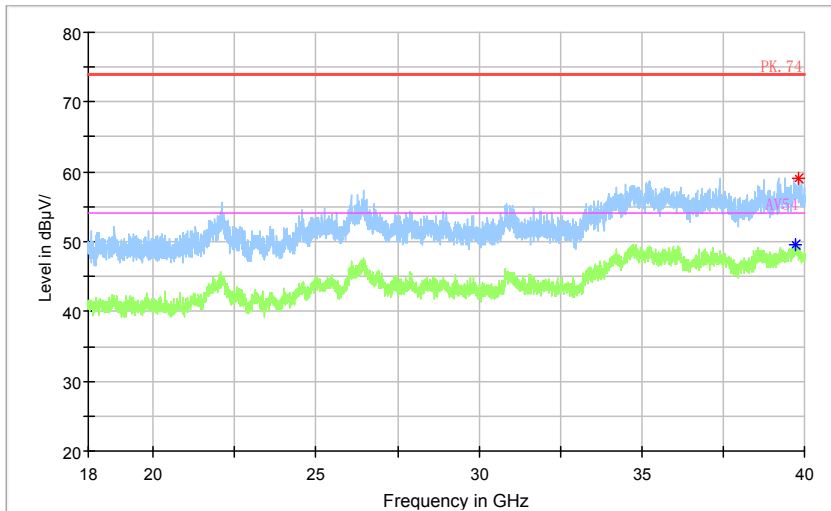
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

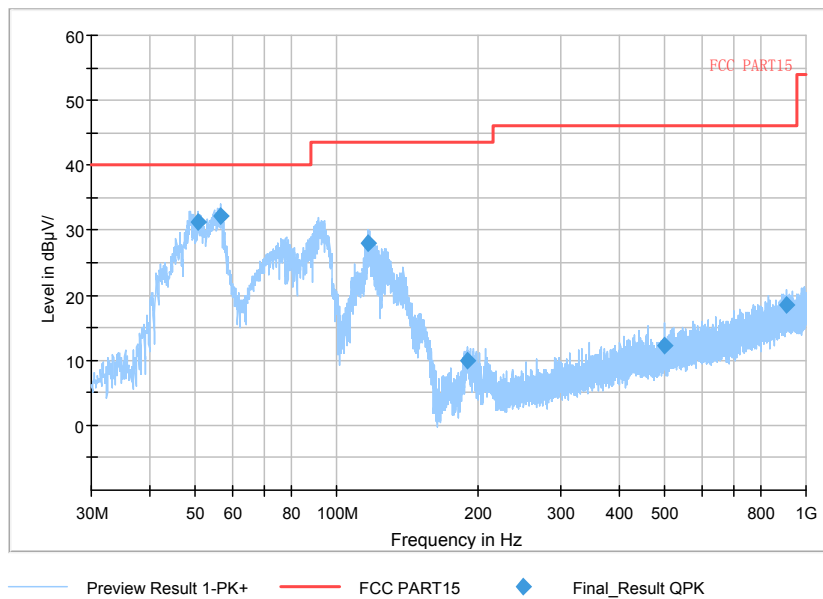
Full Spectrum



◆ Preview Result 2-AVG
◆ Critical_Freqs PK+
◆ Final_Result PK+
◆ Preview Result 1-PK+
◆ PK.74
◆ Final_Result AVG
◆ Critical_Freqs AVG
◆ AV54

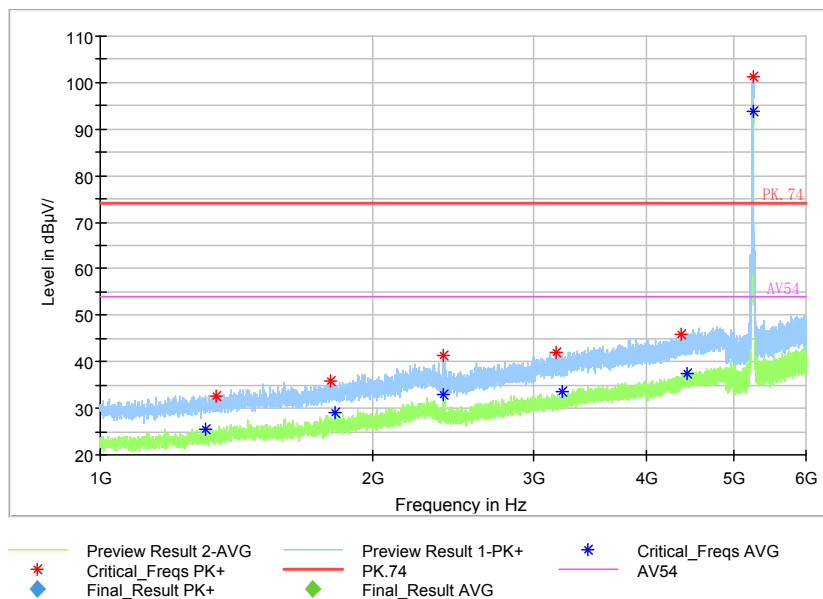
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



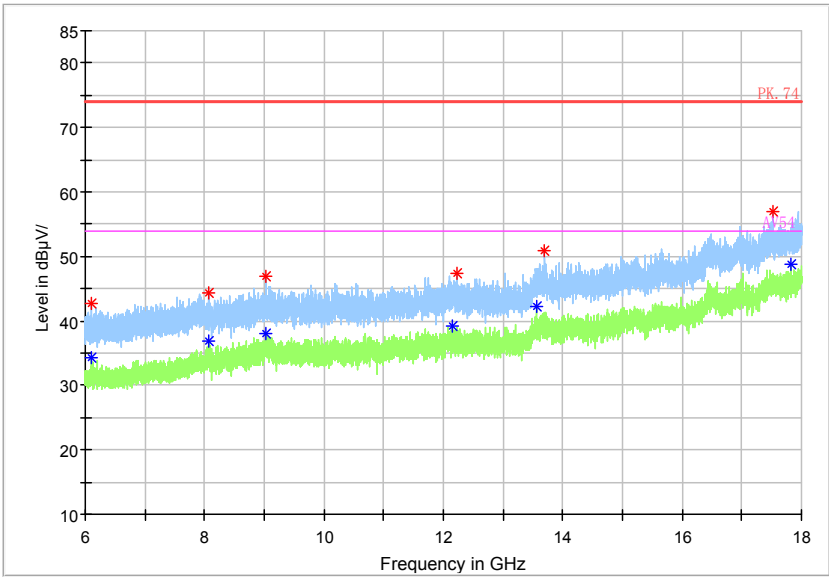
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



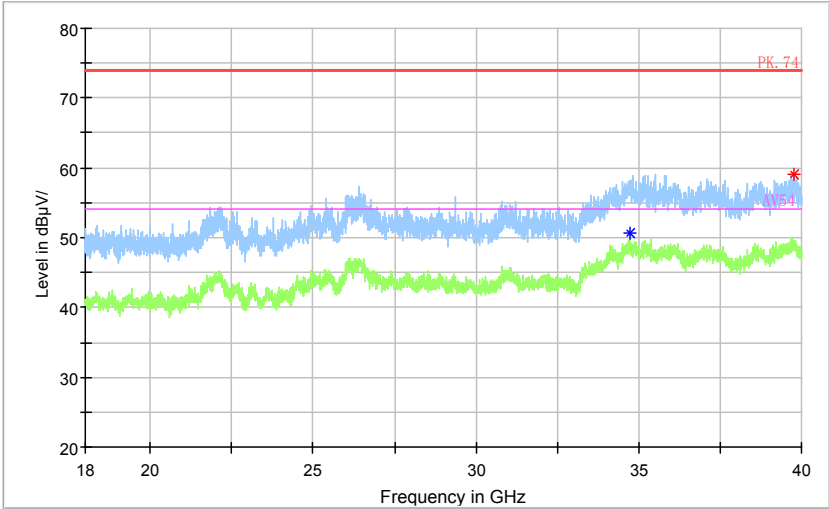
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

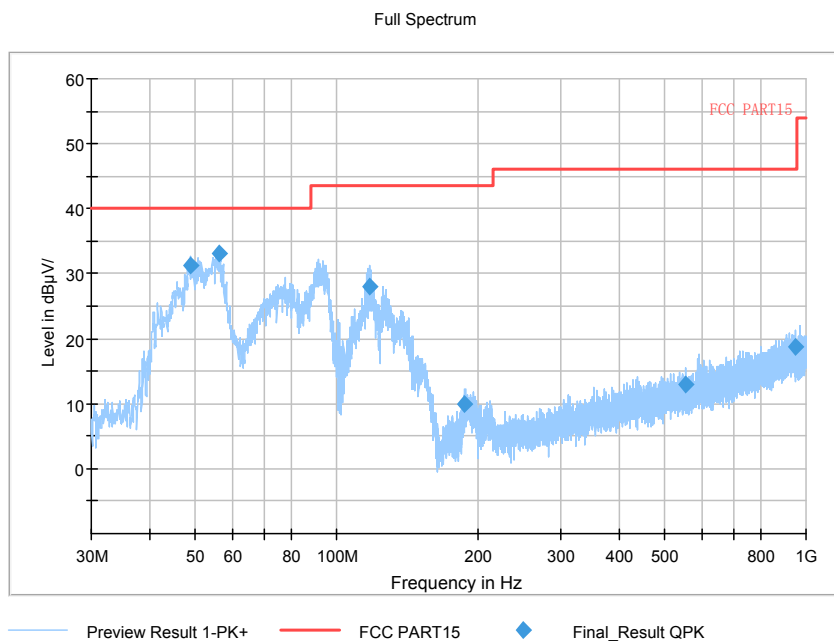
Full Spectrum



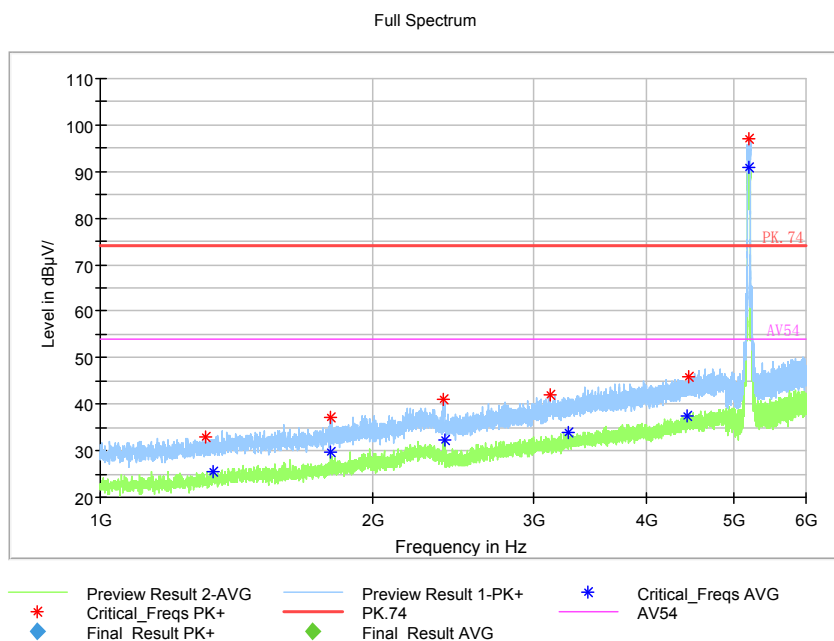
Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Carrier frequency (MHz): 5190
Channel No.:38

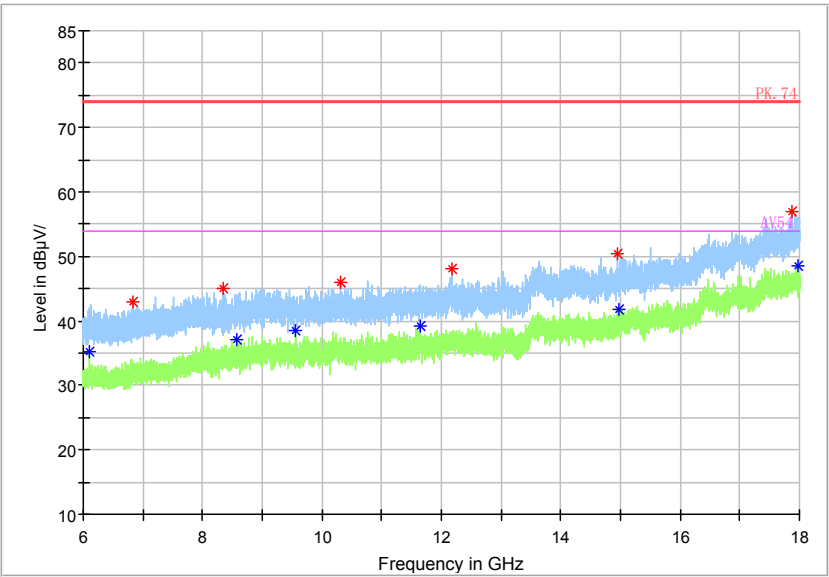


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40)



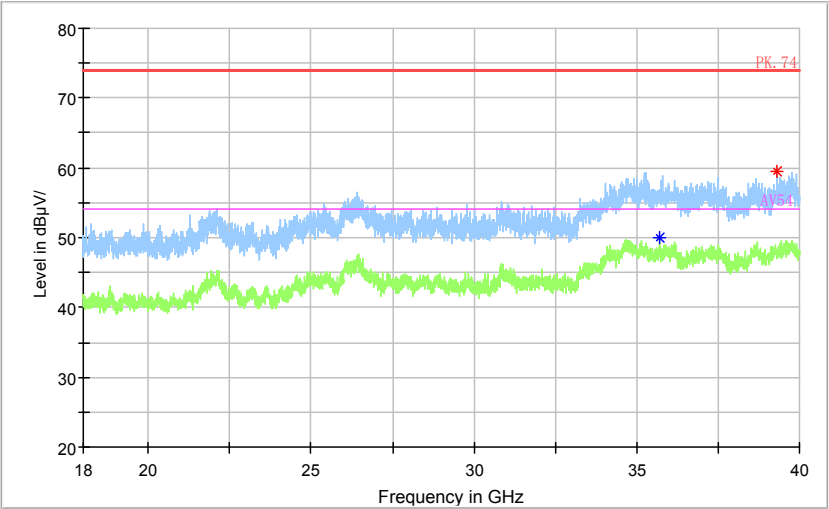
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

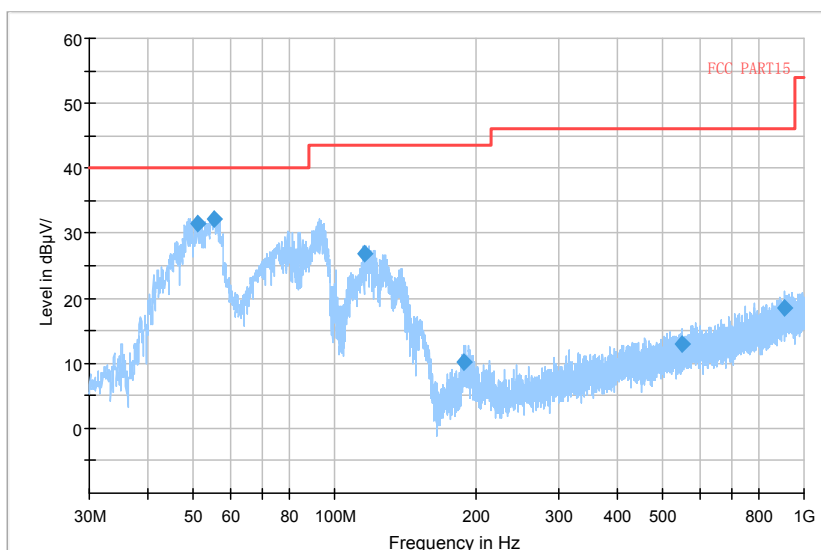
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

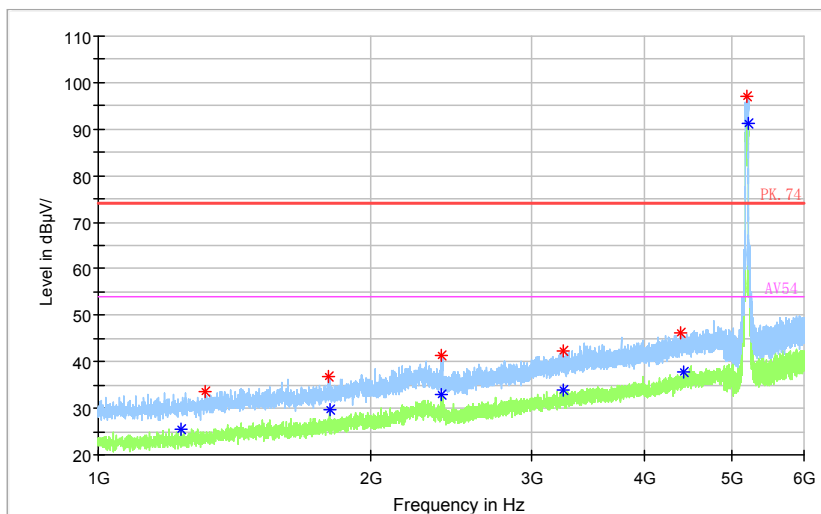
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT40 MIMO)

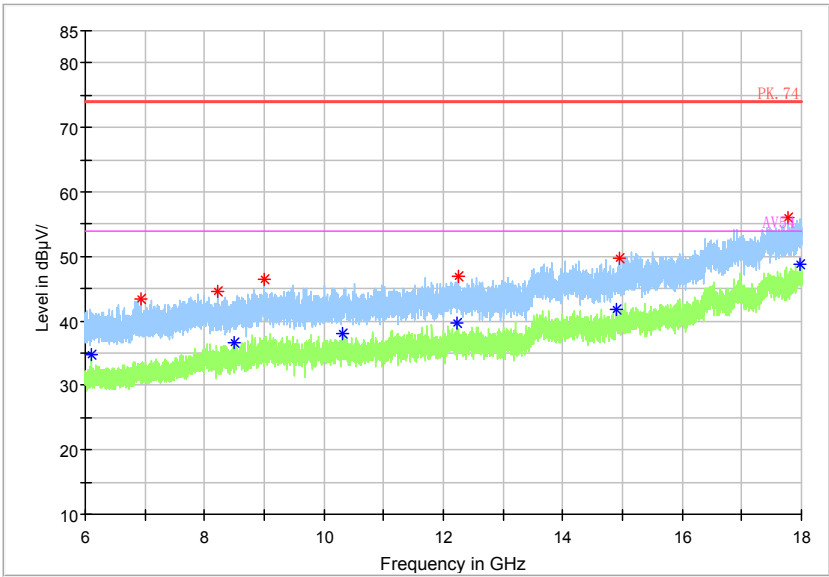
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ Final_Result PK+ PK.74 Final_Result AVG AV54

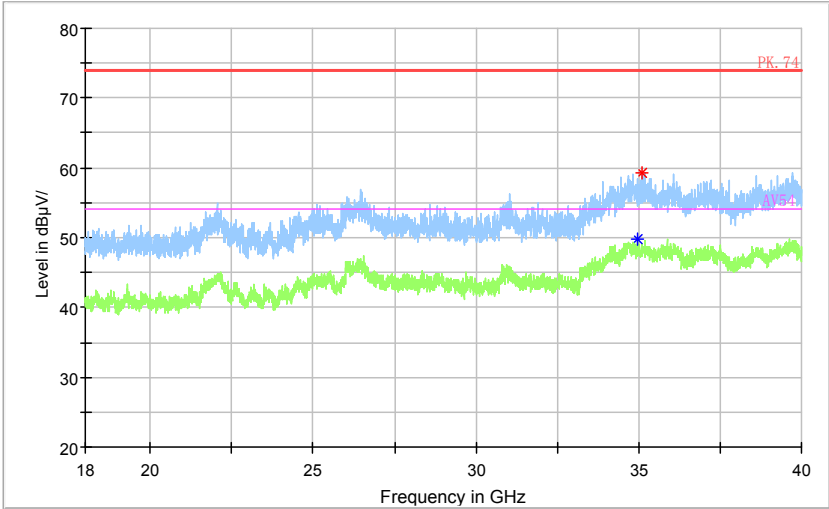
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Full Spectrum

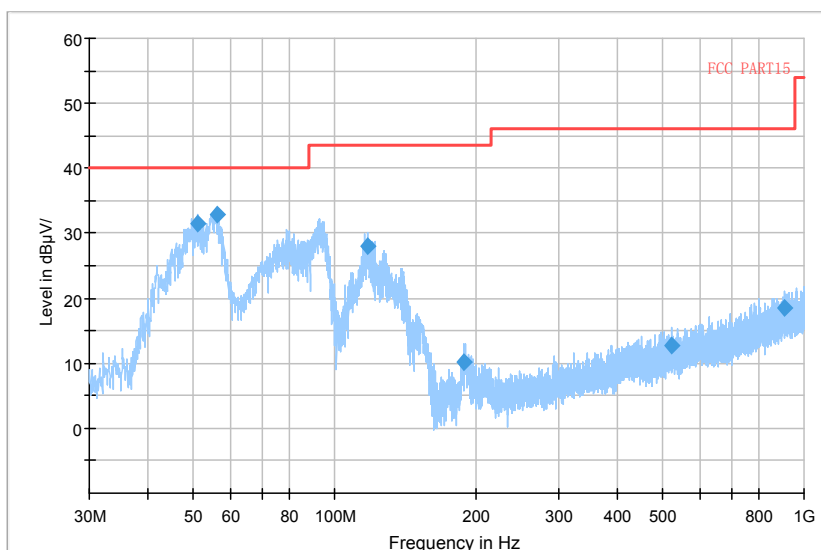


Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Carrier frequency (MHz): 5230
Channel No.:46

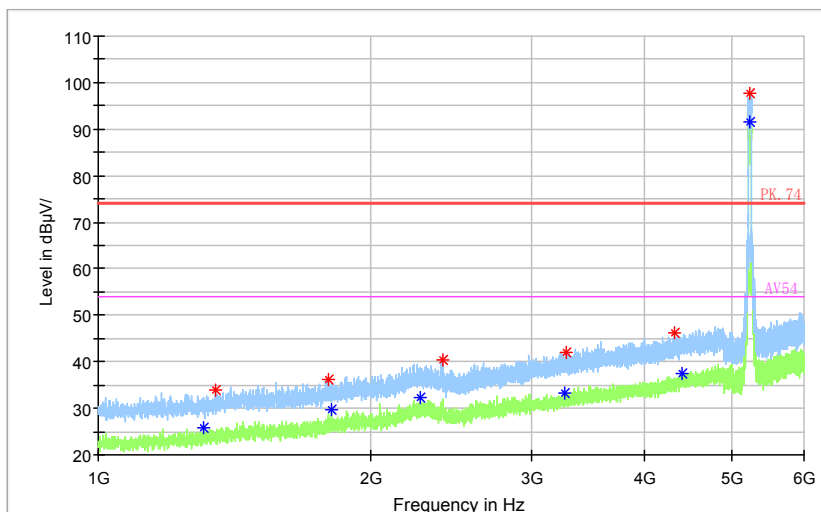
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40)

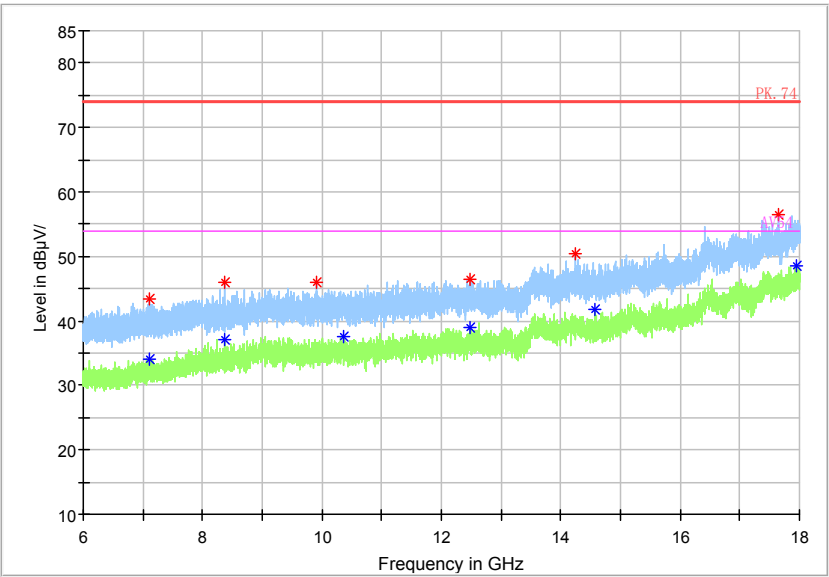
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

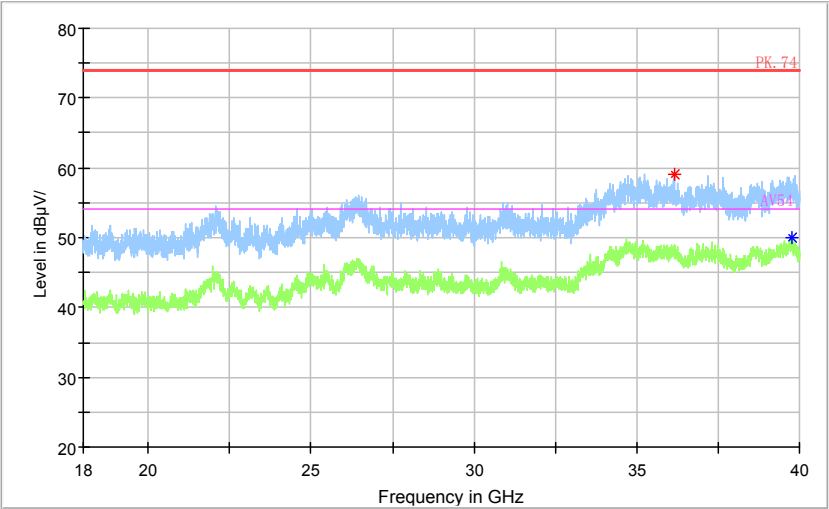
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

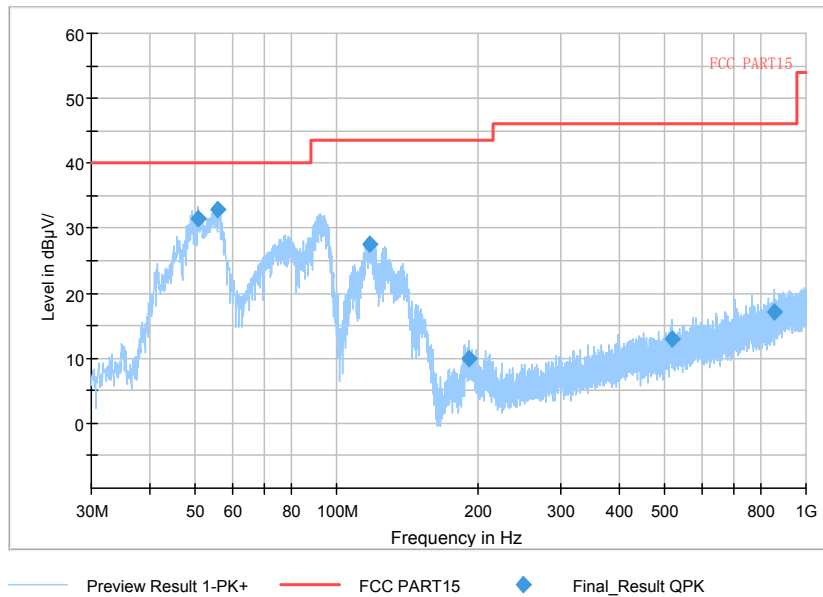
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

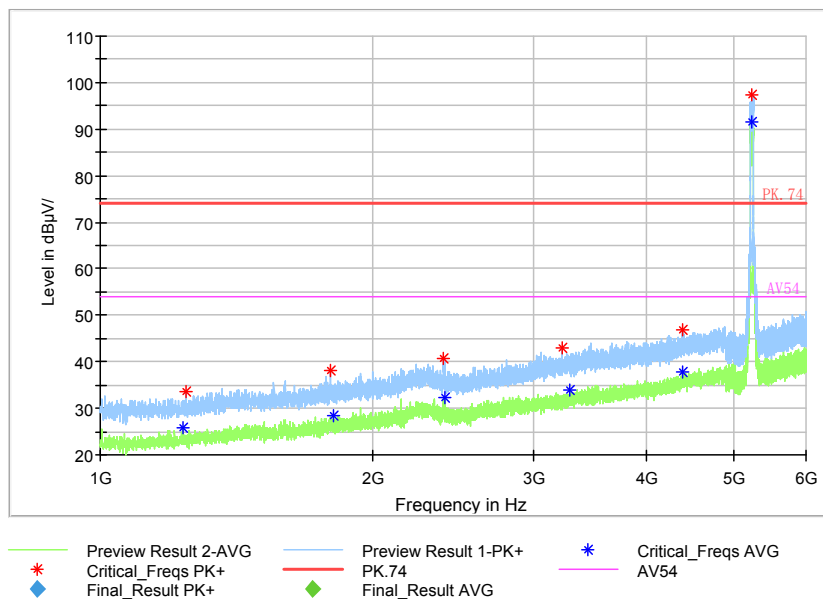
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

Full Spectrum



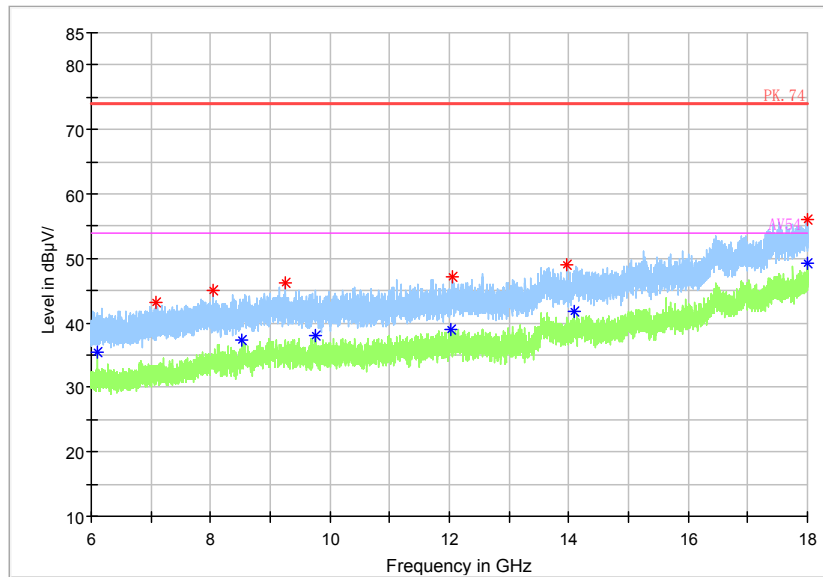
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT40 MIMO)

Full Spectrum



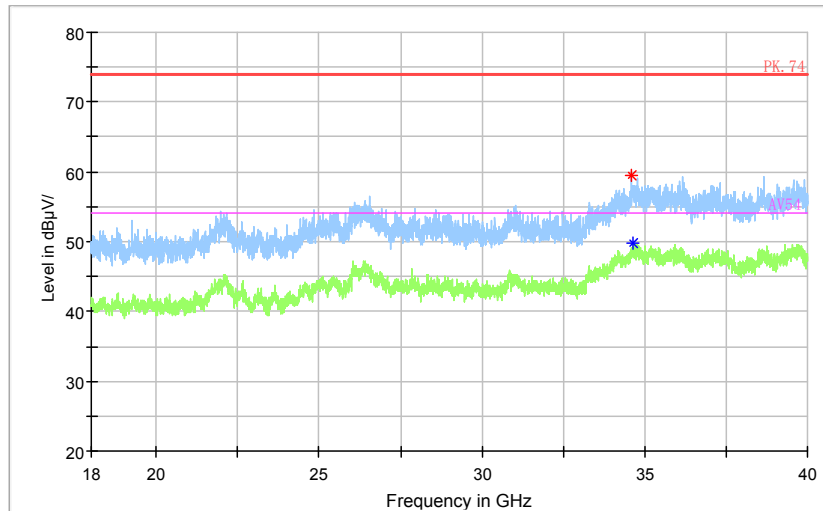
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

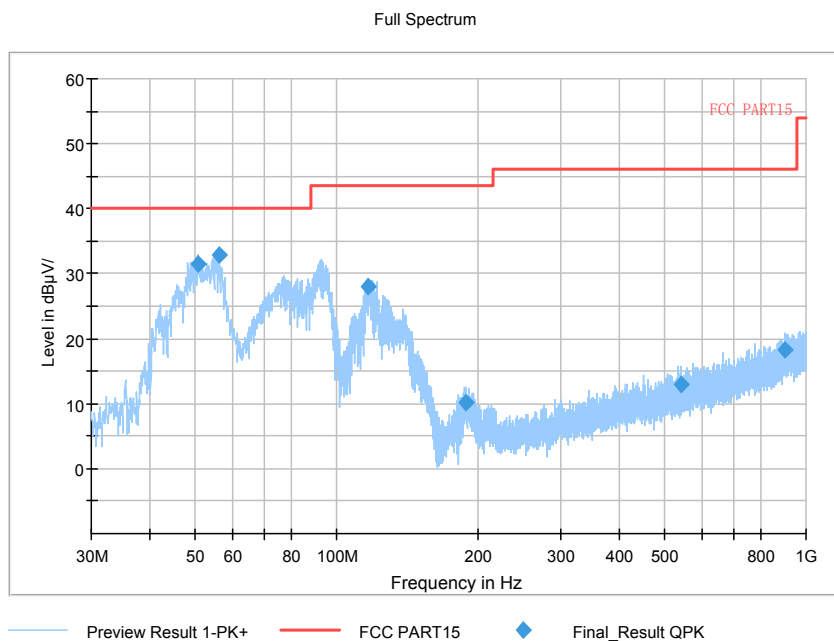
Full Spectrum



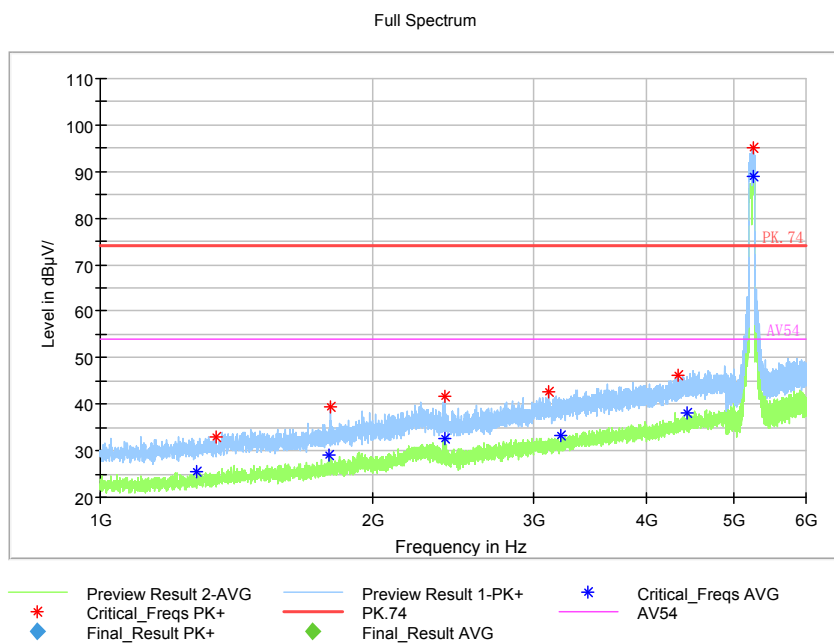
Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Carrier frequency (MHz): 5210
Channel No.:42

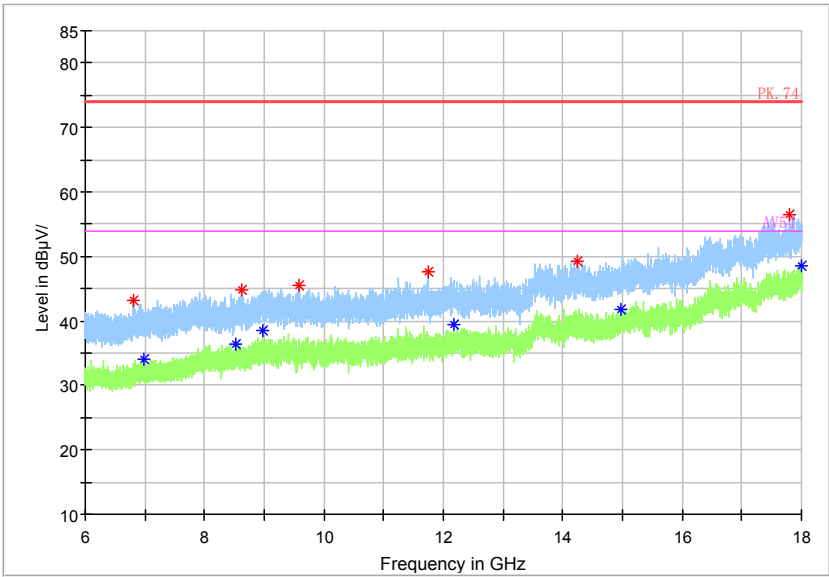


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT80 MIMO)



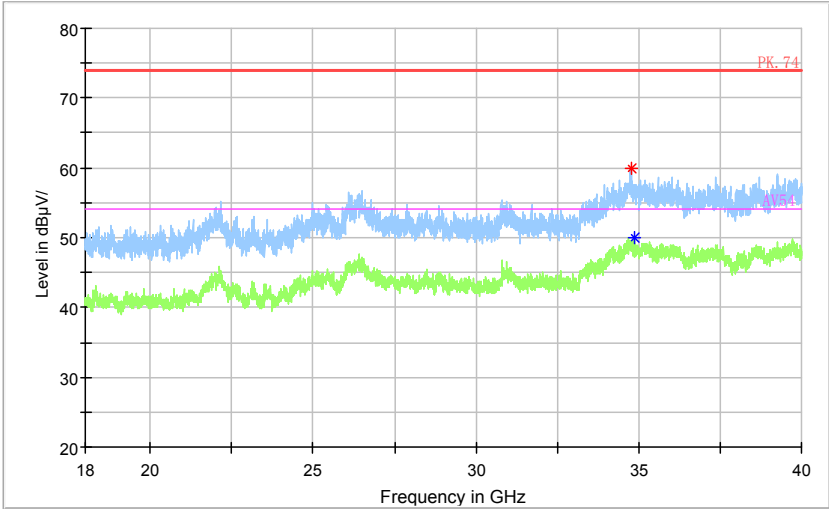
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT80 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT80 MIMO)

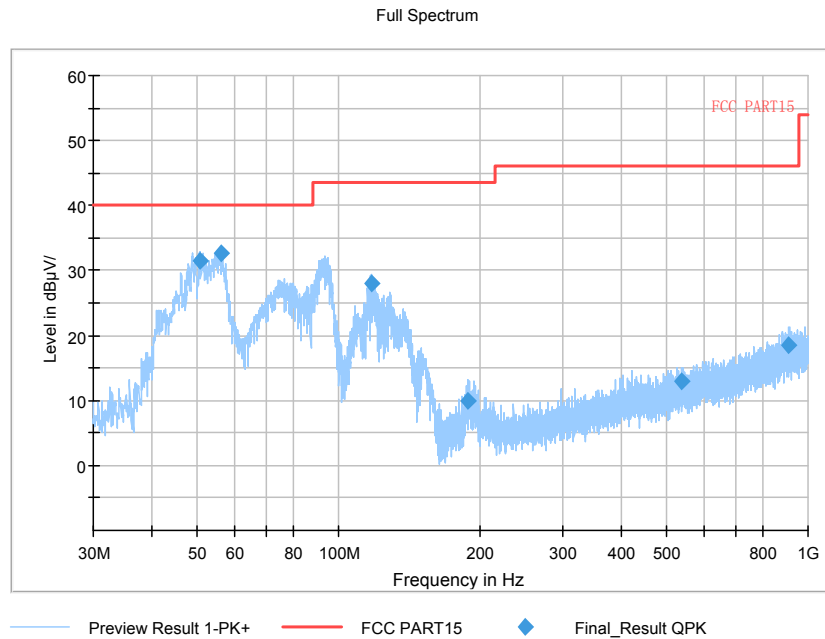
Full Spectrum



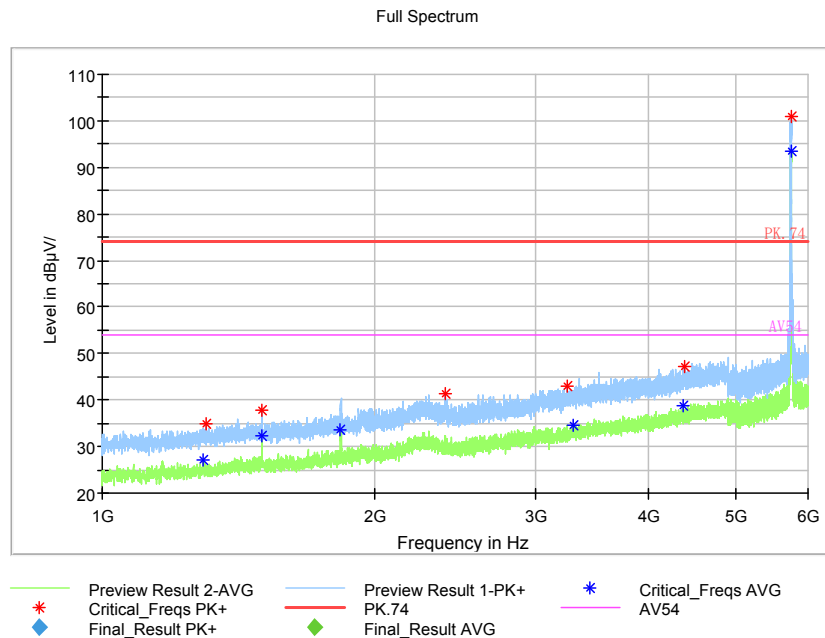
Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT80 MIMO)

Carrier frequency (MHz): 5745
Channel No.:149

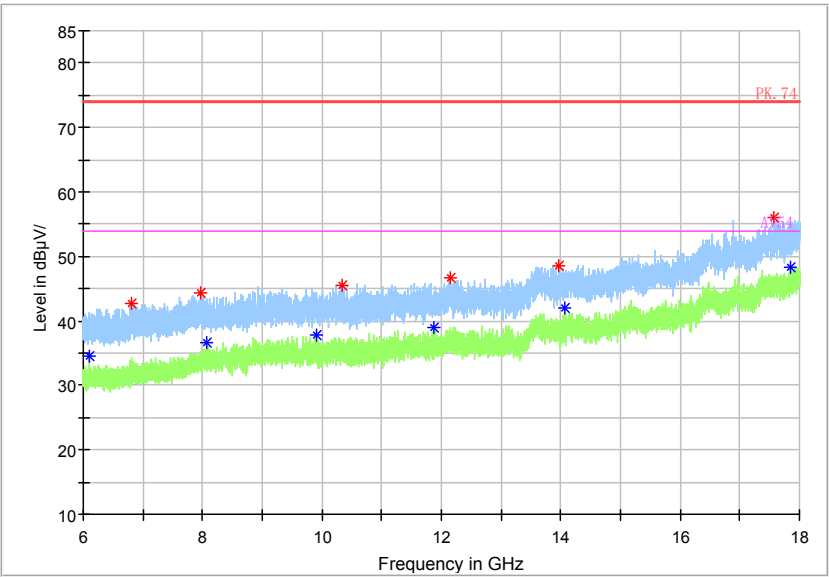


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a (Chain1)



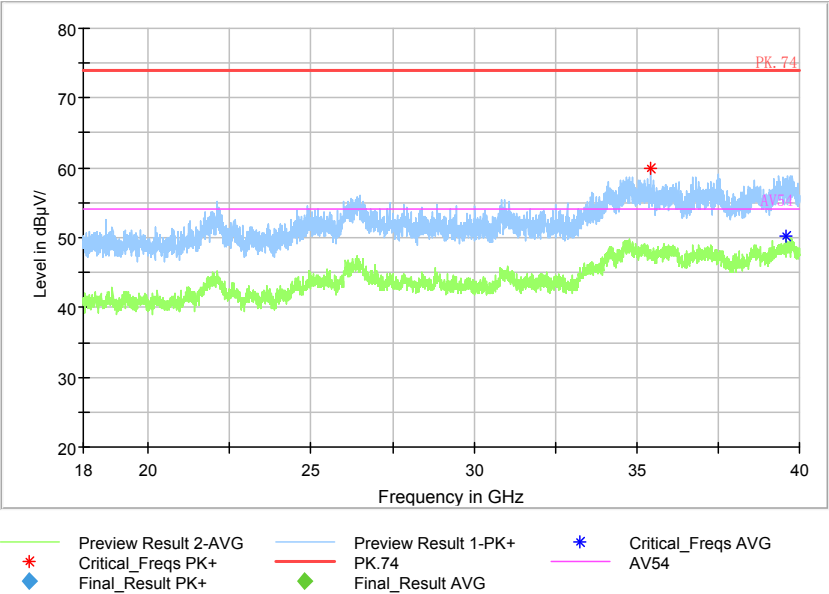
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



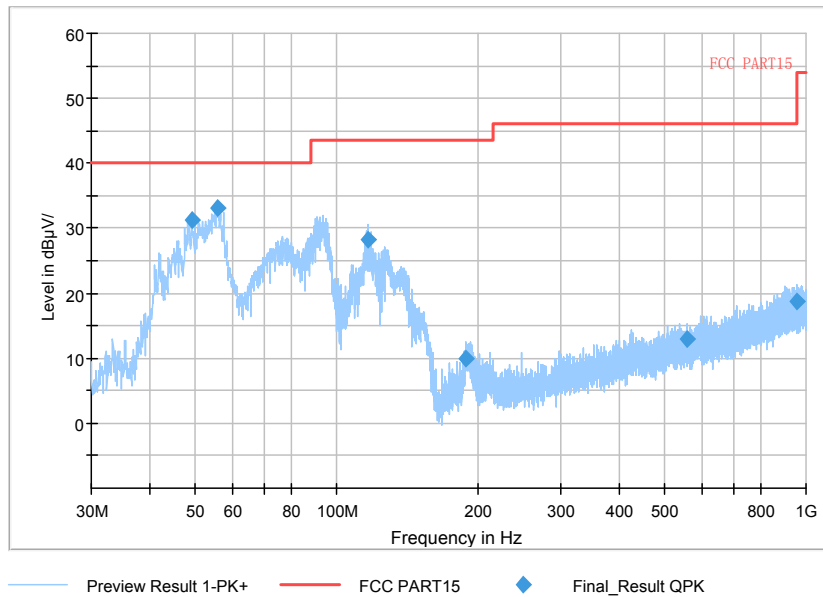
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum

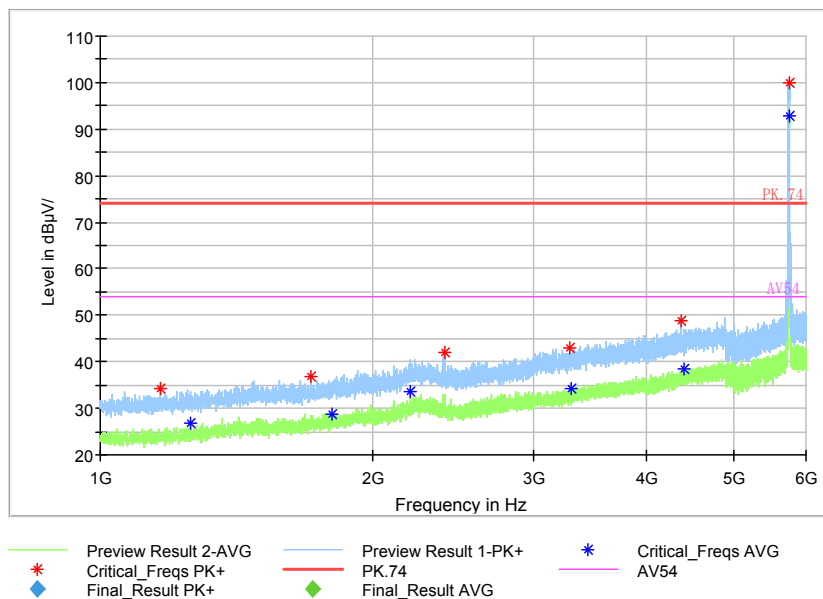


Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11n(HT20 MIMO)

Full Spectrum

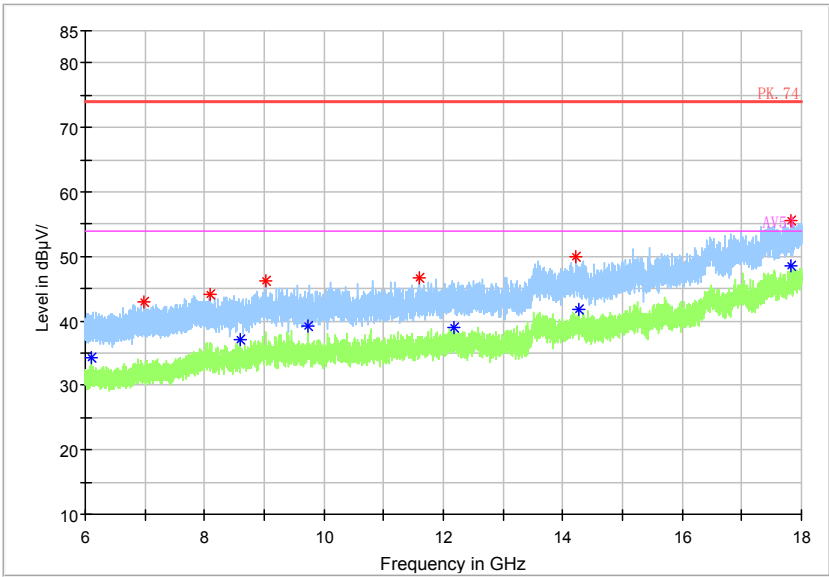


Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

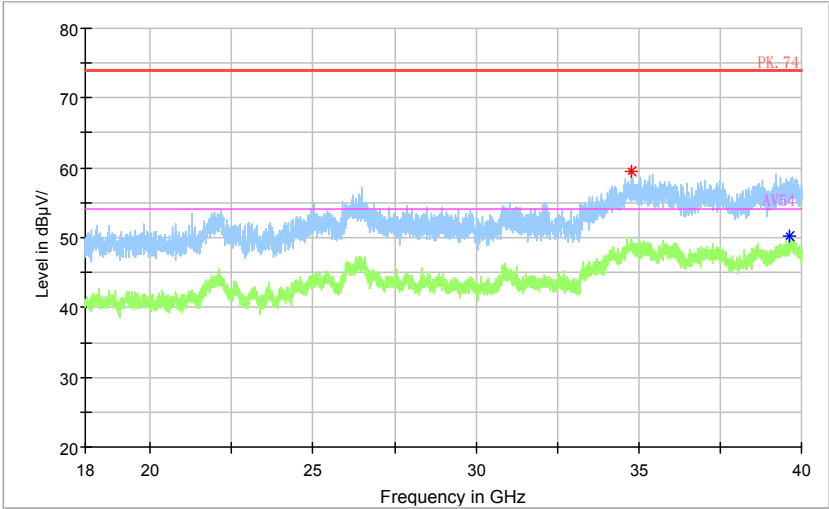
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

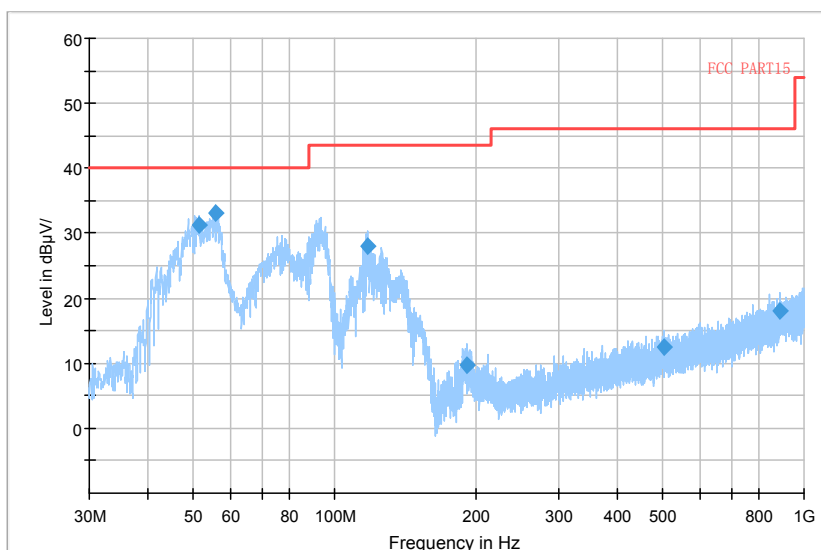
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

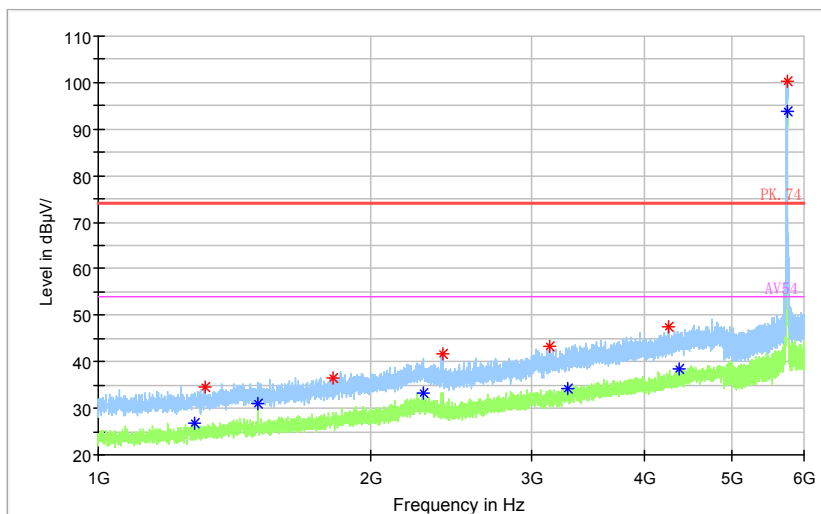
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT20 MIMO)

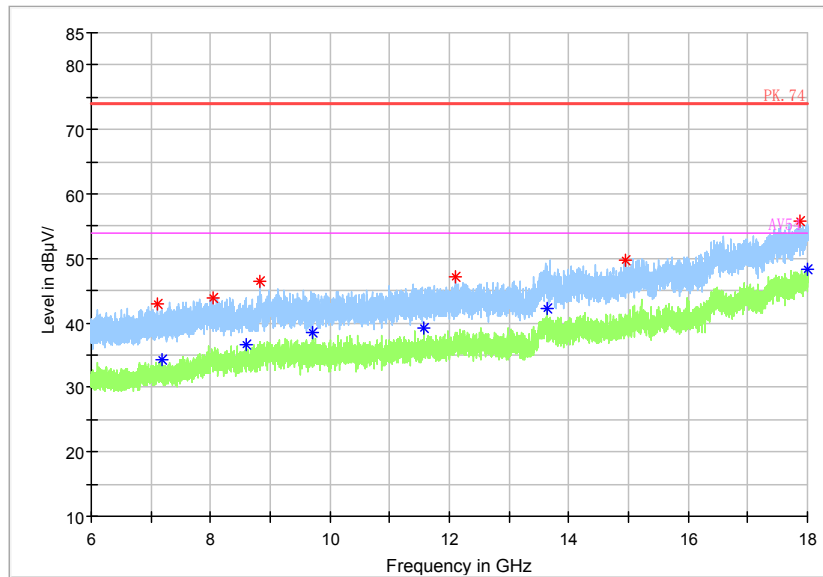
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

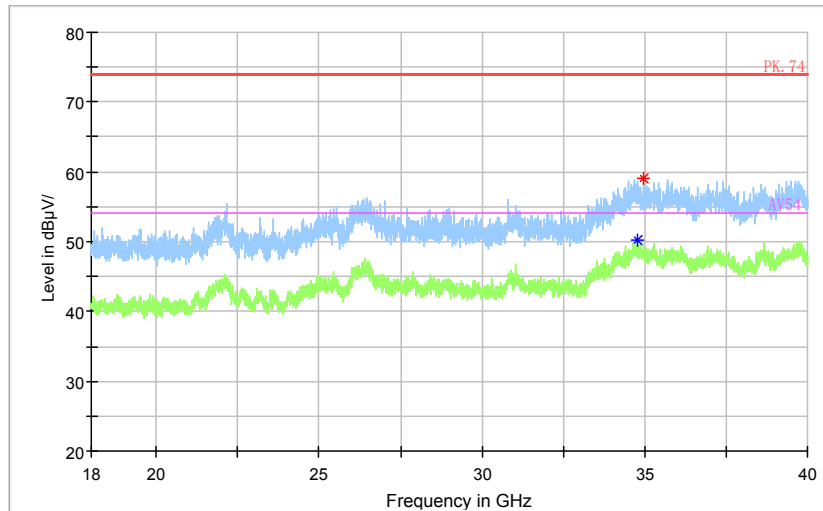
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

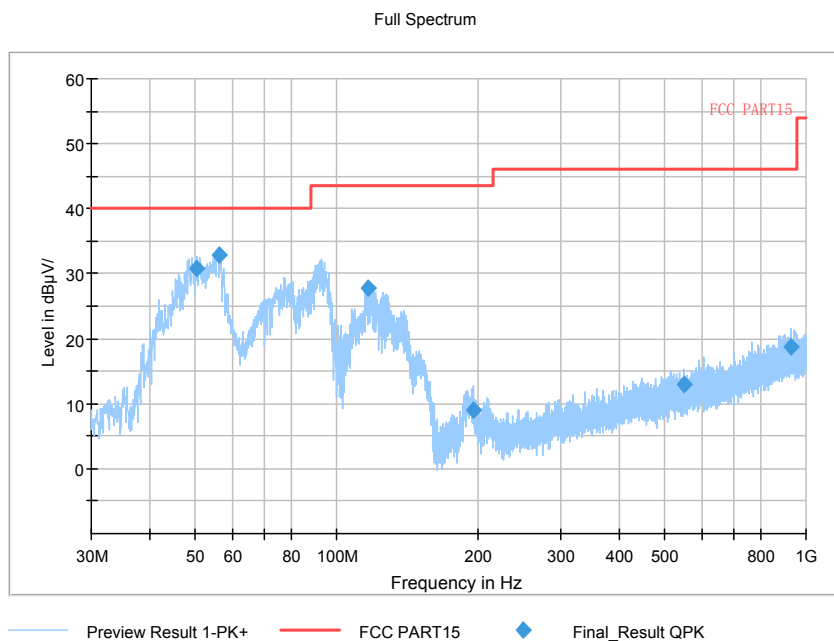
Full Spectrum



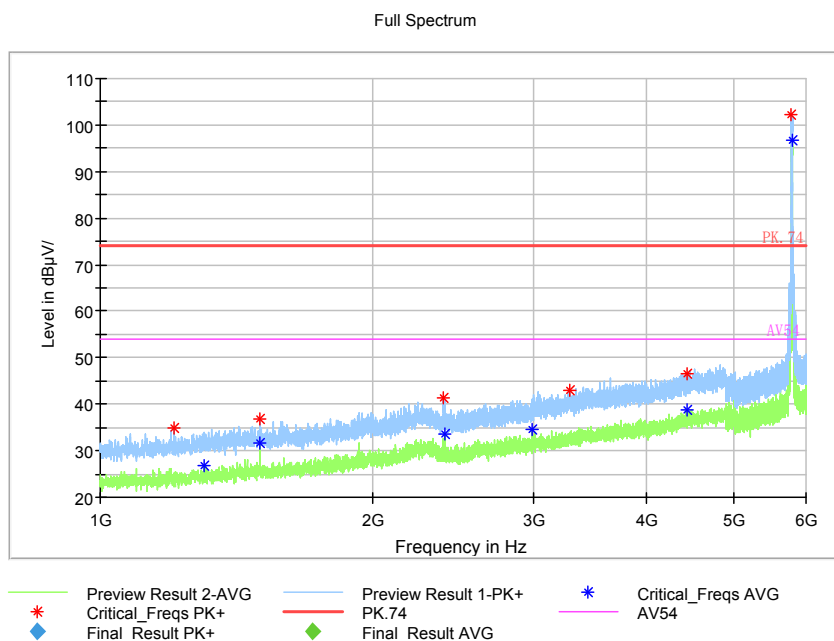
Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Carrier frequency (MHz): 5785
Channel No.:157

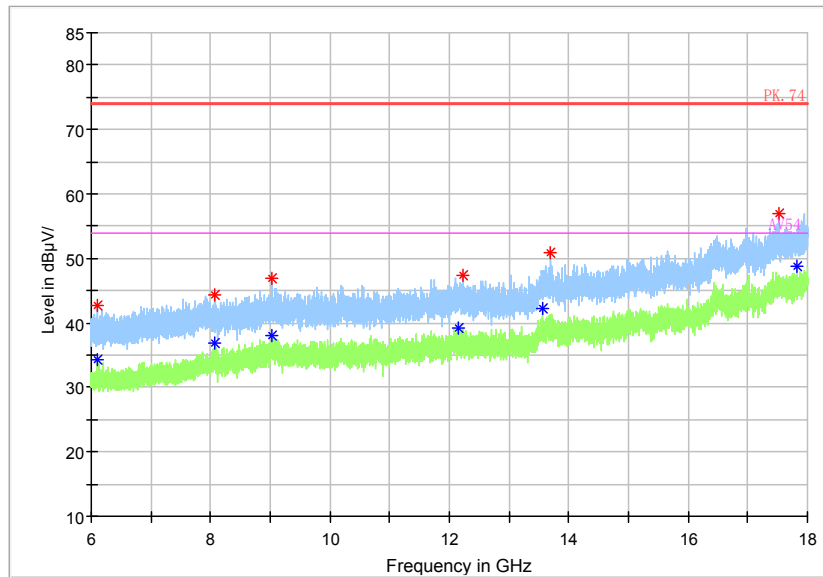


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a (Chain1)



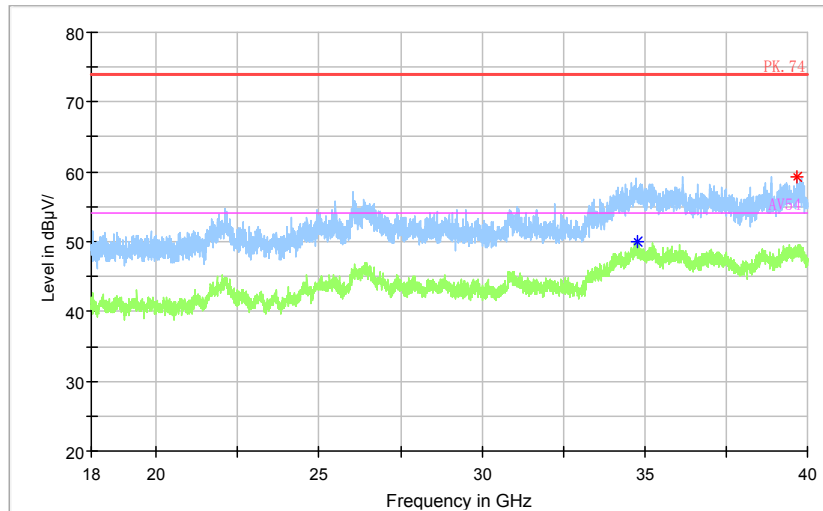
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

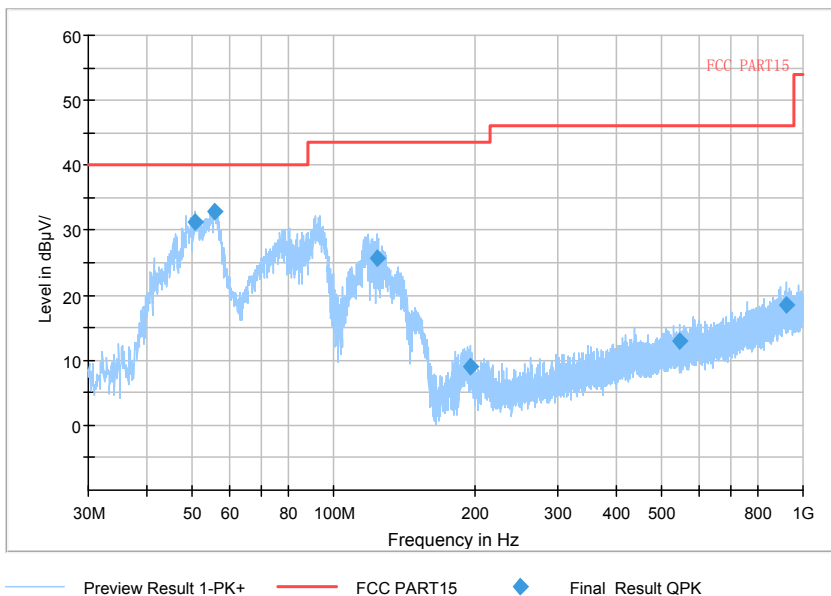
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

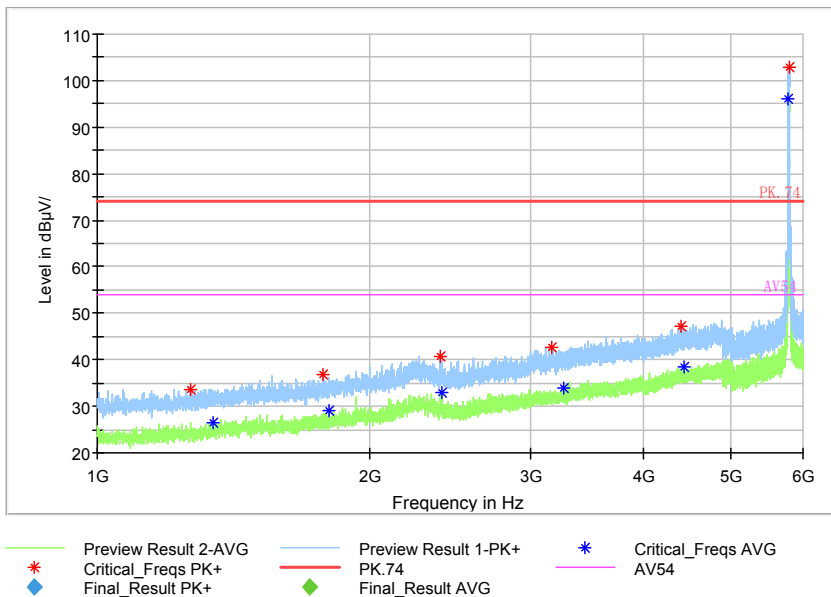
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



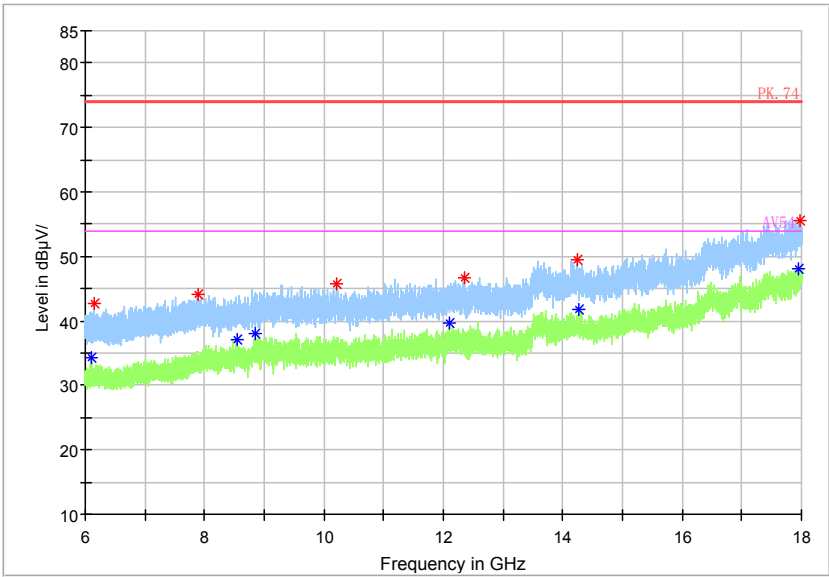
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)

Full Spectrum



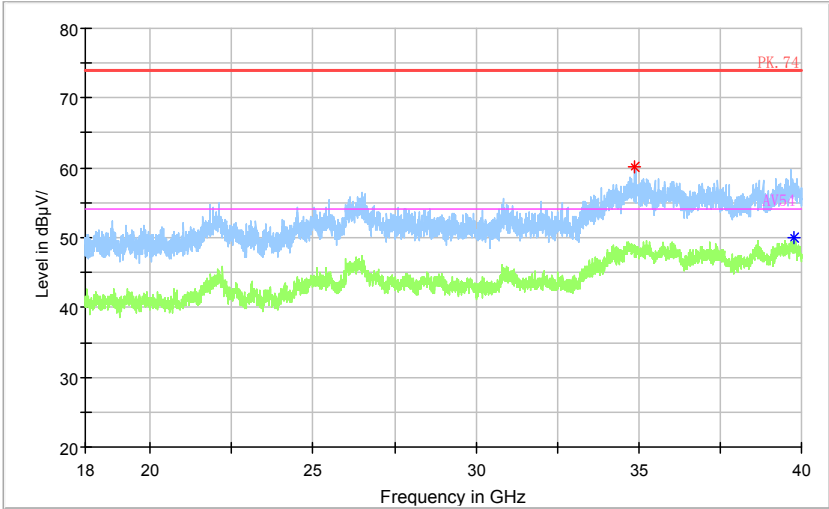
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

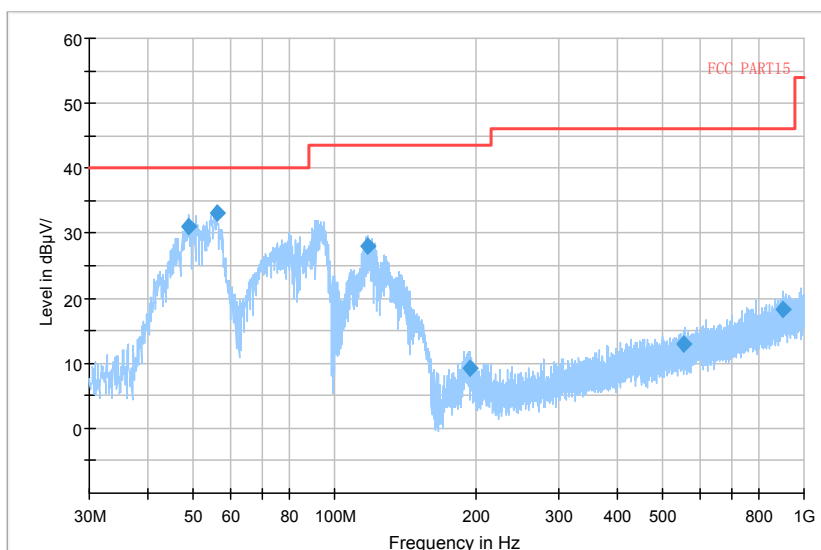
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

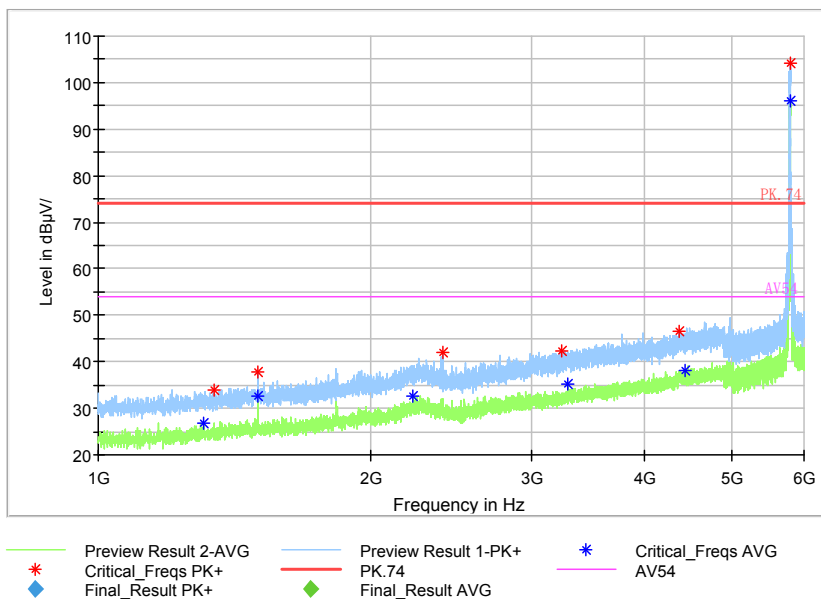
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



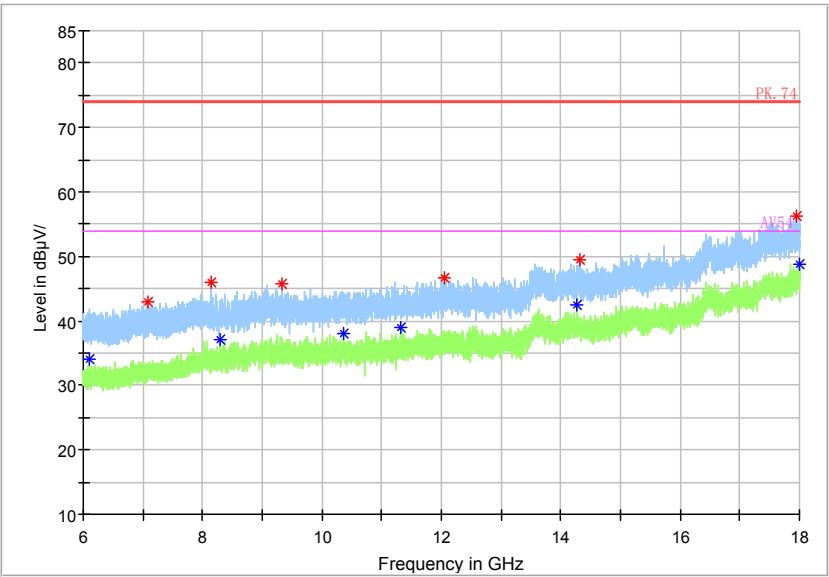
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



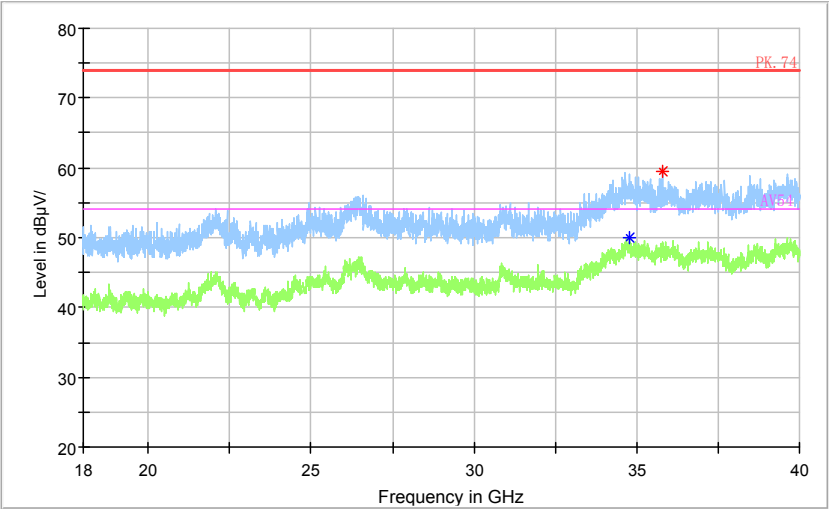
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

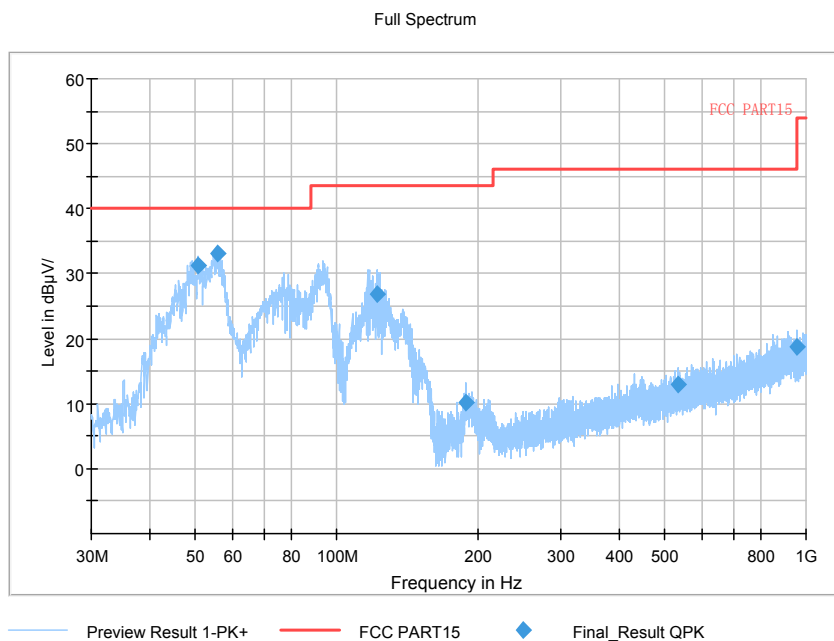
Full Spectrum



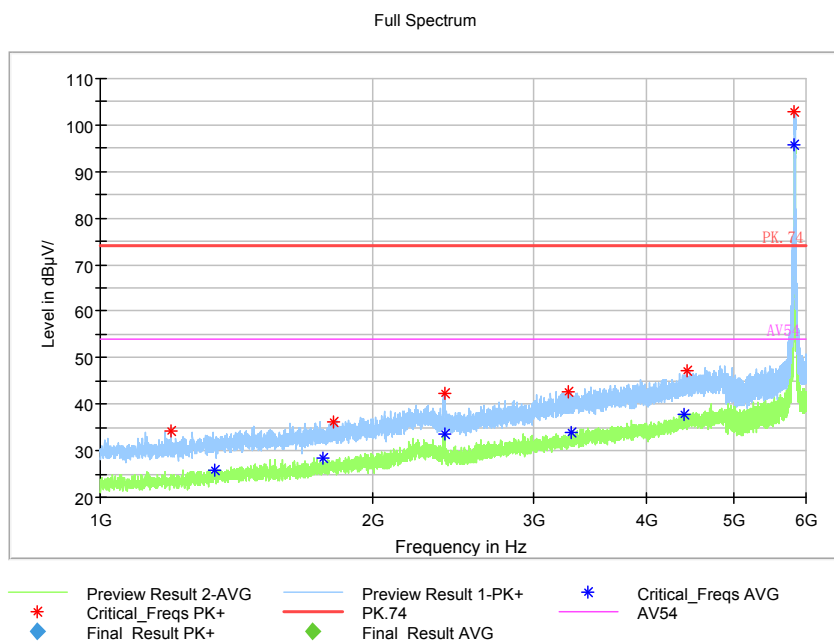
Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Carrier frequency (MHz): 5825
Channel No.:165

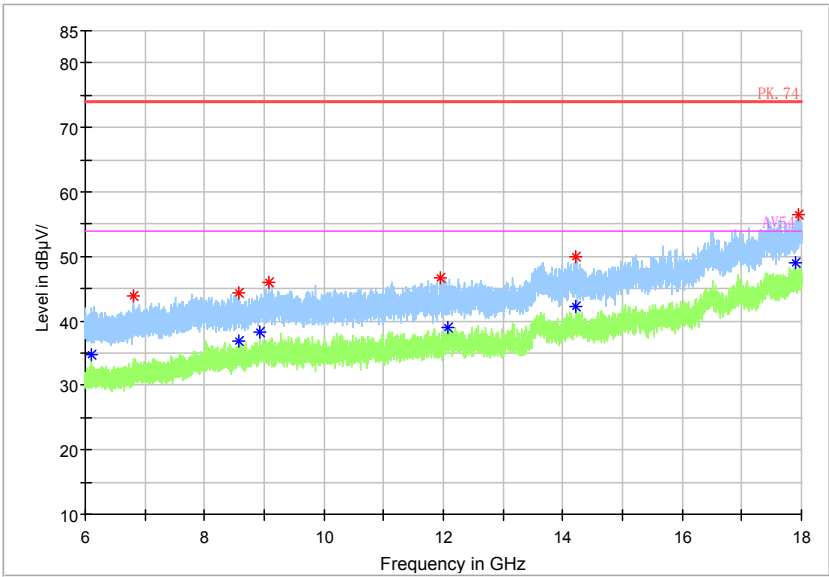


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a (Chain1)



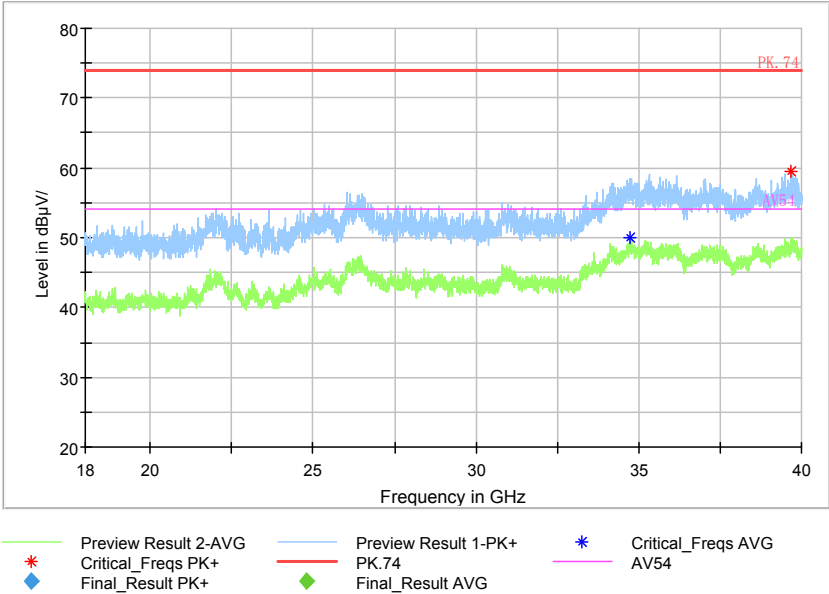
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



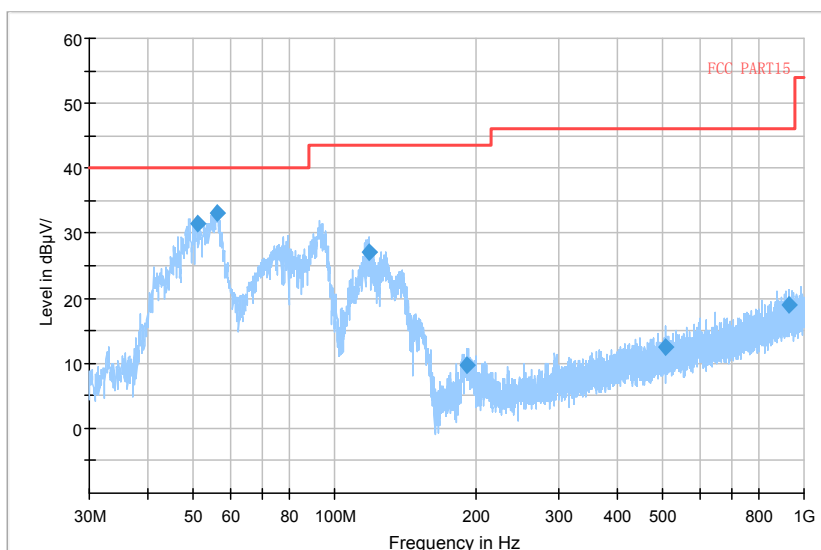
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a Chain1

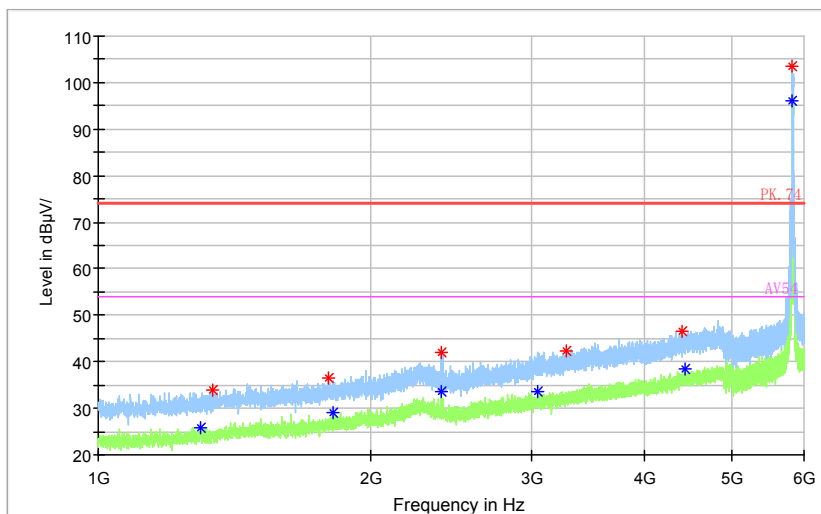
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)

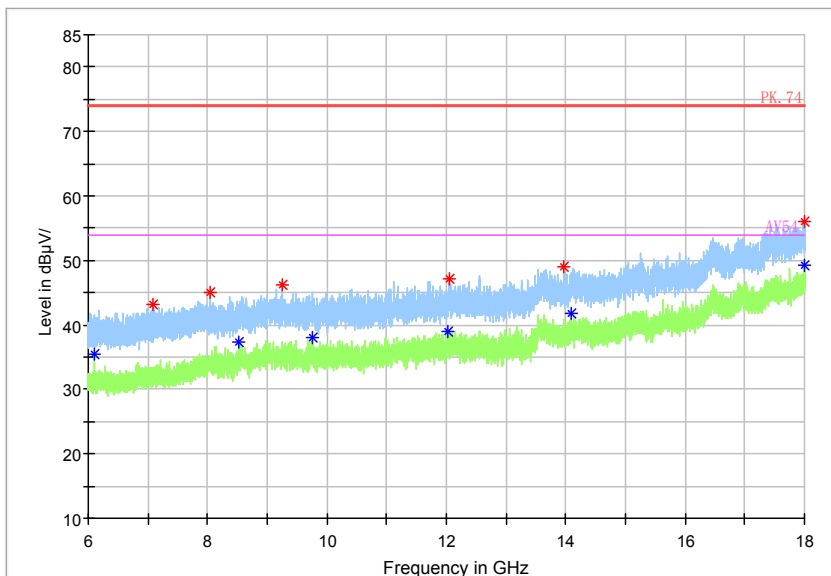
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

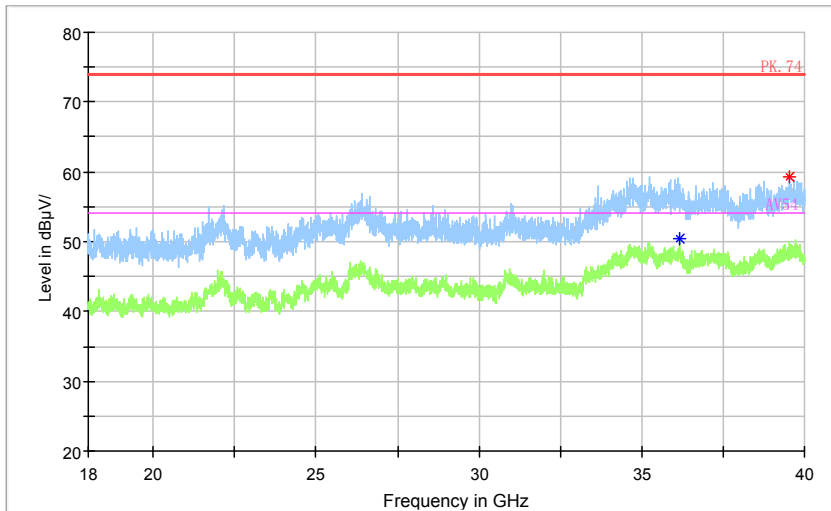
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

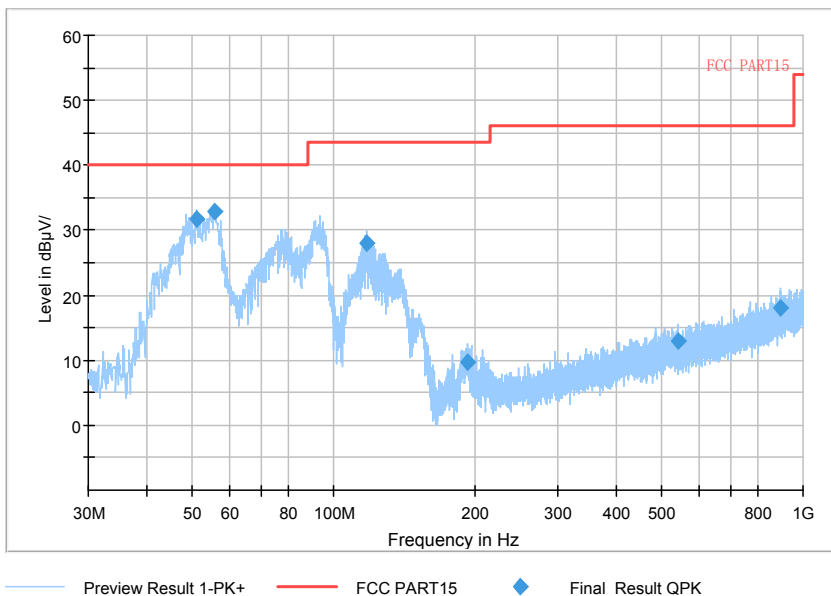
Full Spectrum



— Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 — AV54
◆ Final_Result PK+ ◆ Final_Result AVG

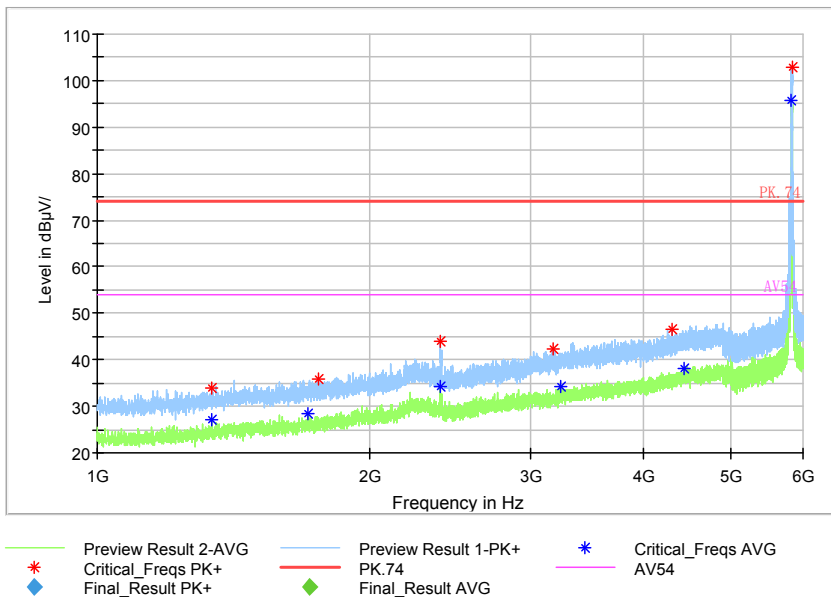
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

Full Spectrum



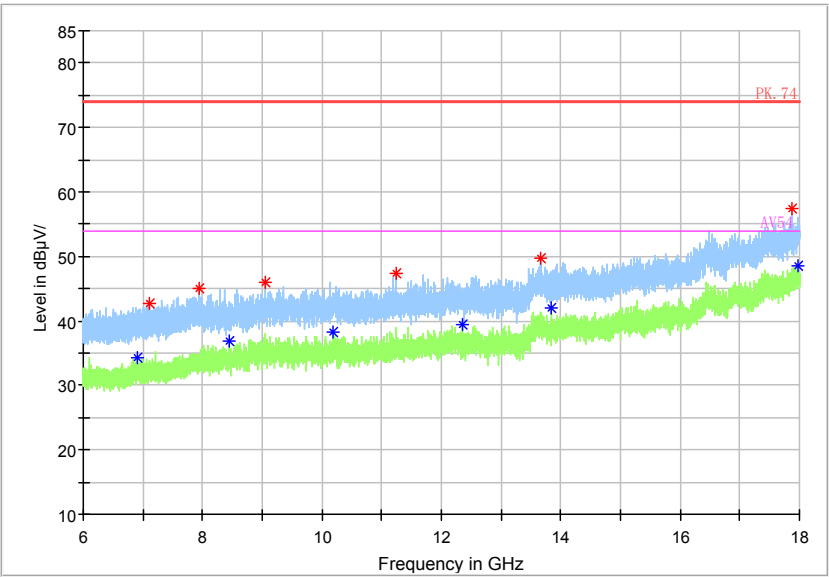
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



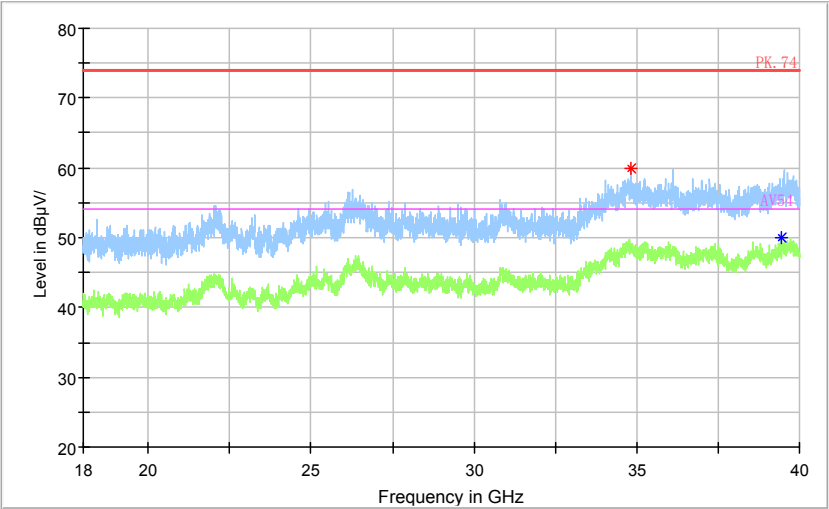
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

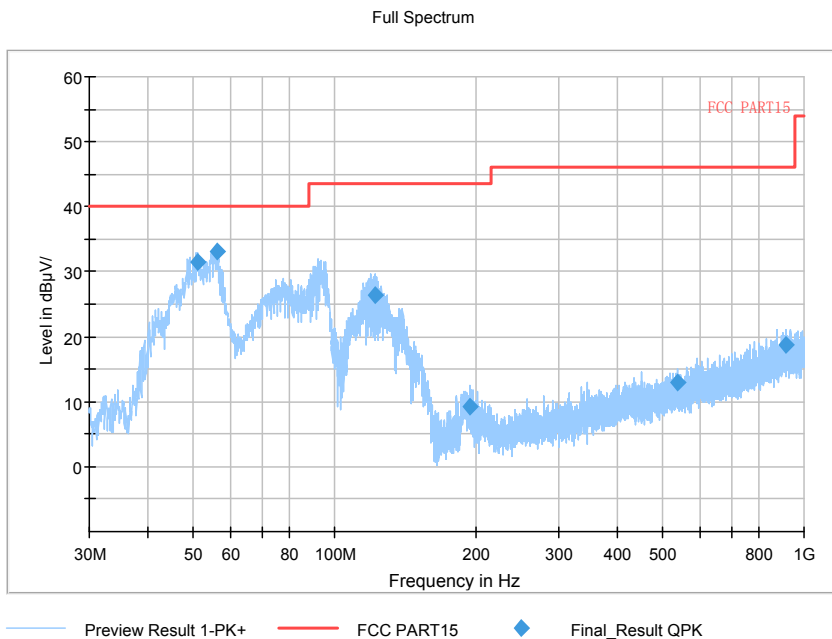
Full Spectrum



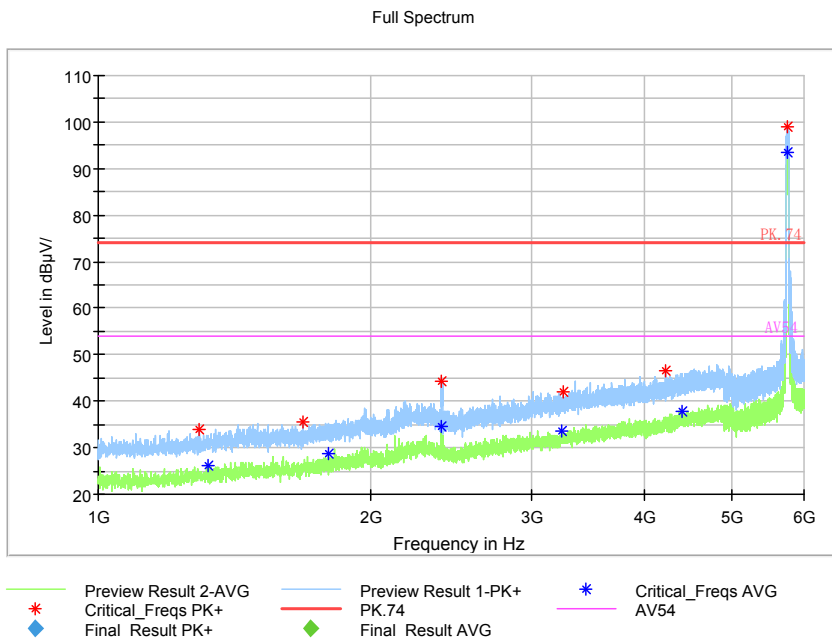
Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT20 MIMO)

Carrier frequency (MHz): 5755
Channel No.:151

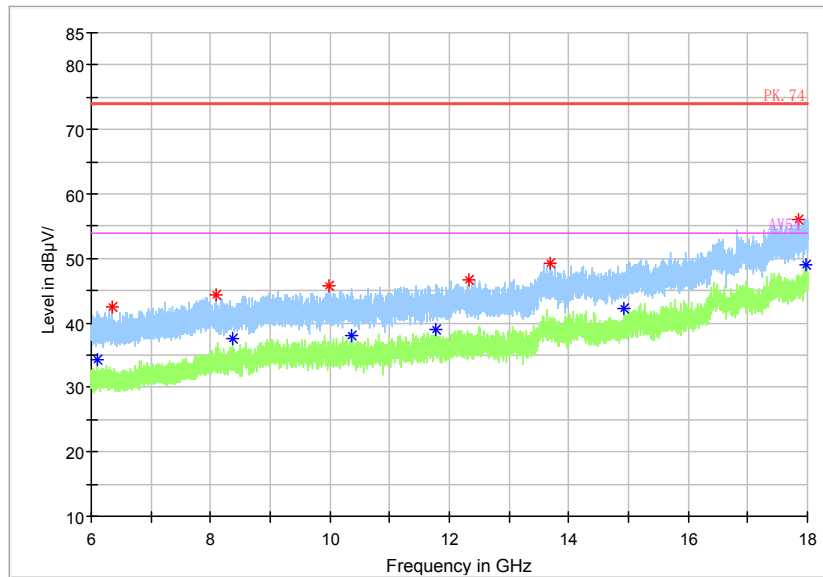


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40)



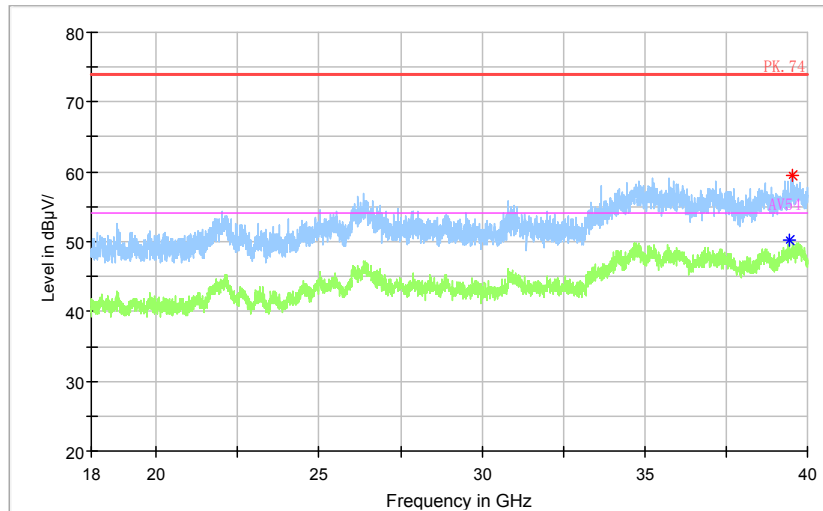
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

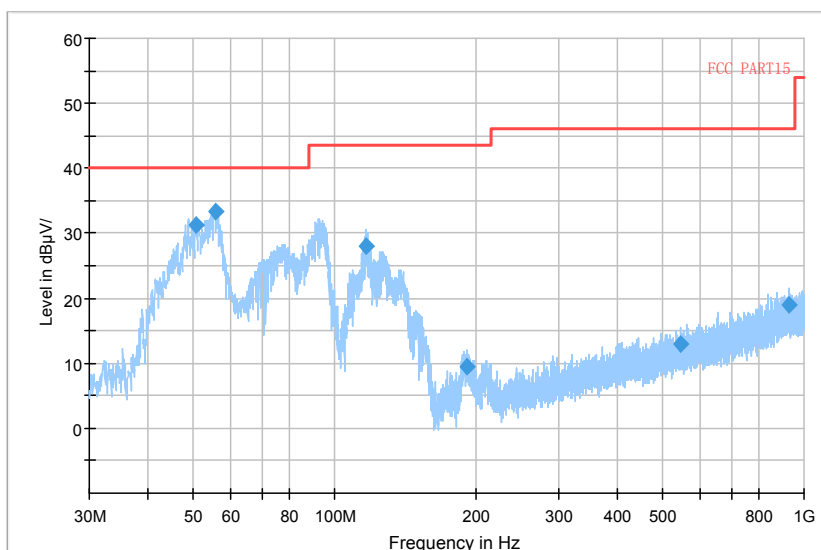
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

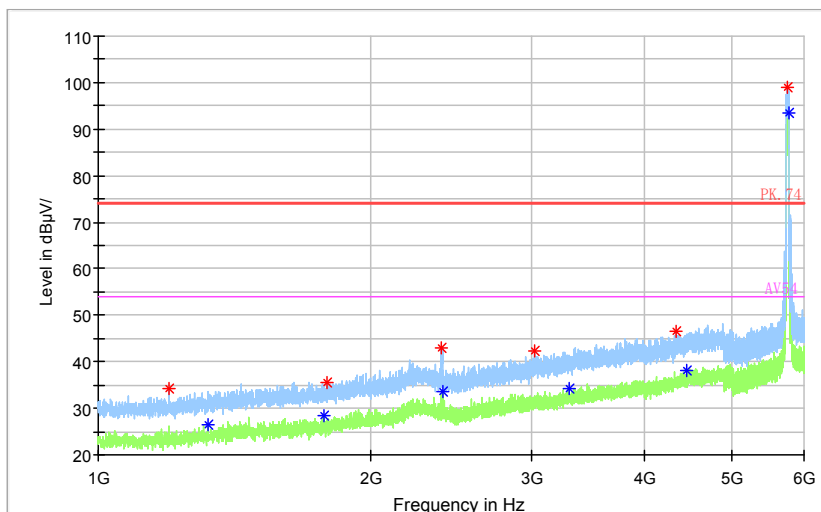
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT40 MIMO)

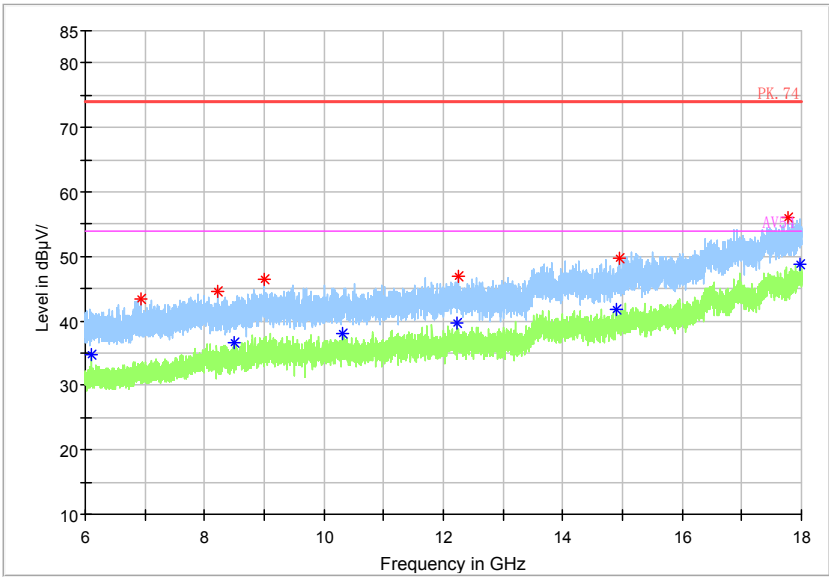
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV.54
Final_Result PK+ Final_Result AVG

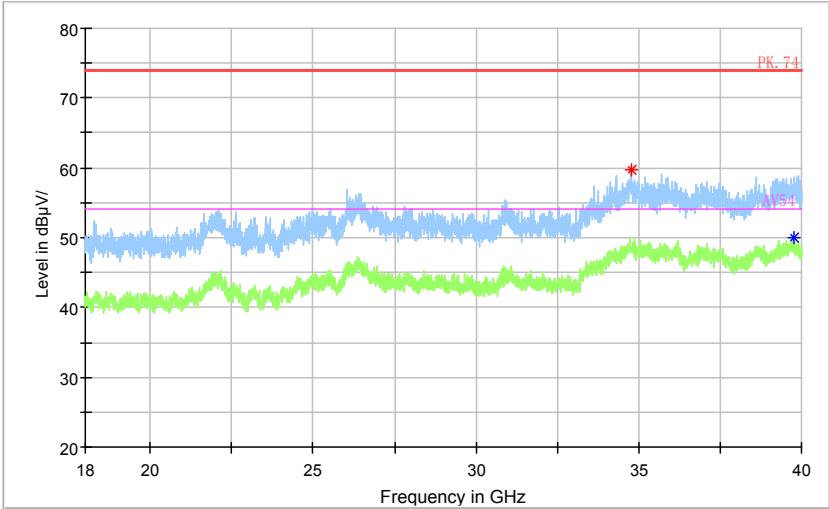
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

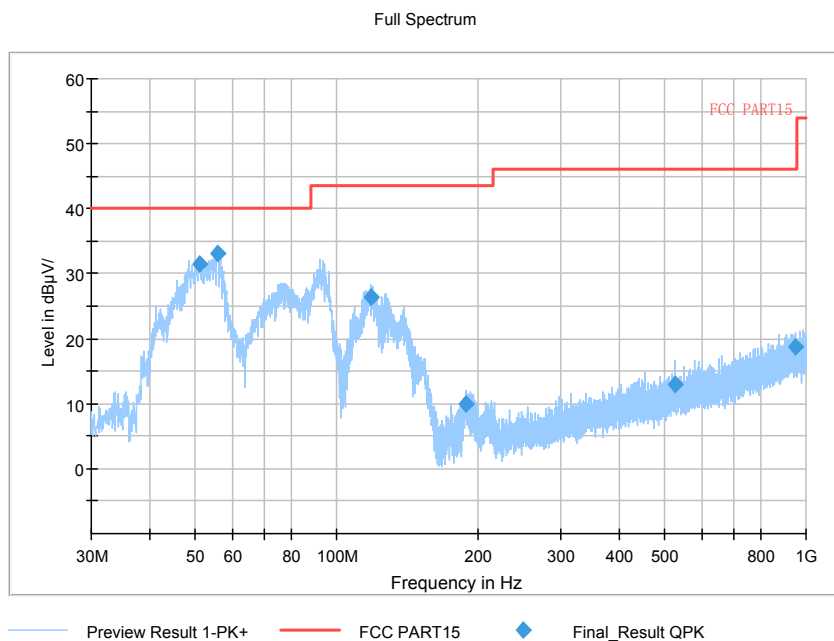
Full Spectrum



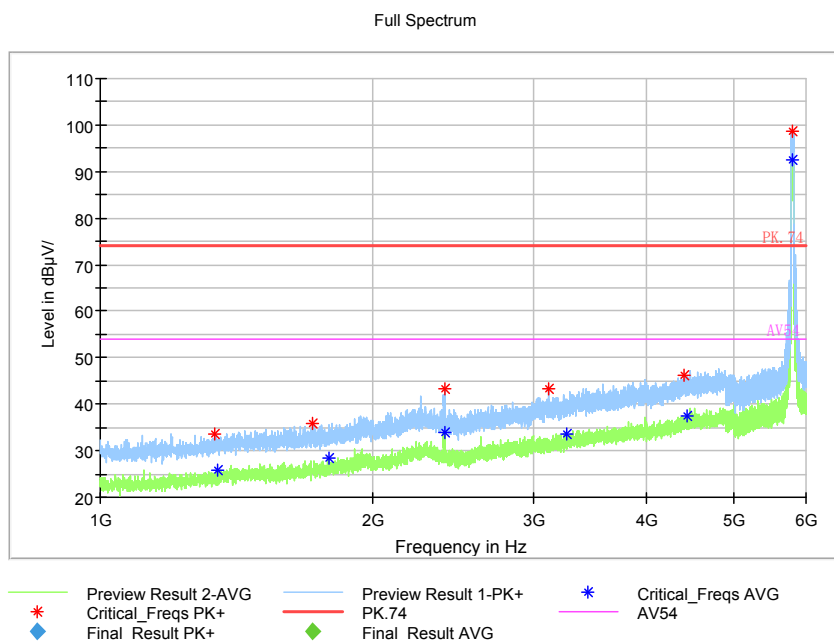
Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Carrier frequency (MHz): 5795
Channel No.:159

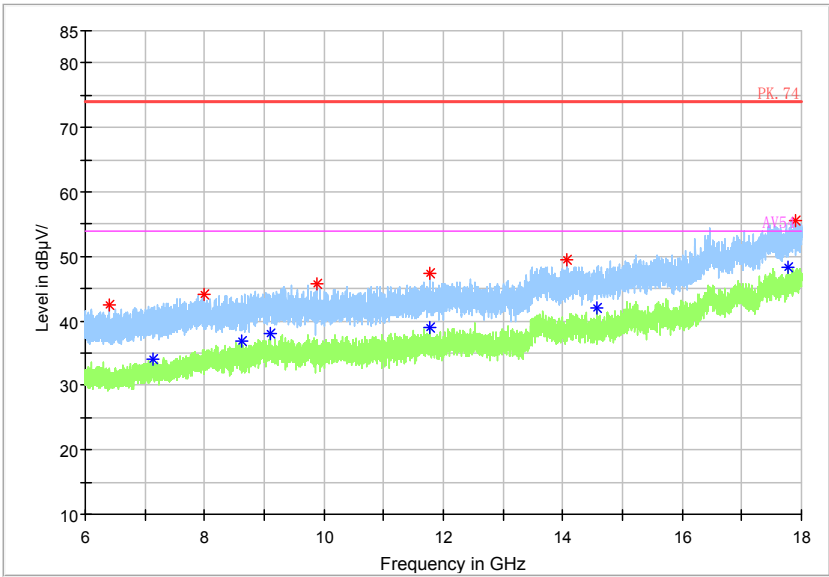


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40)



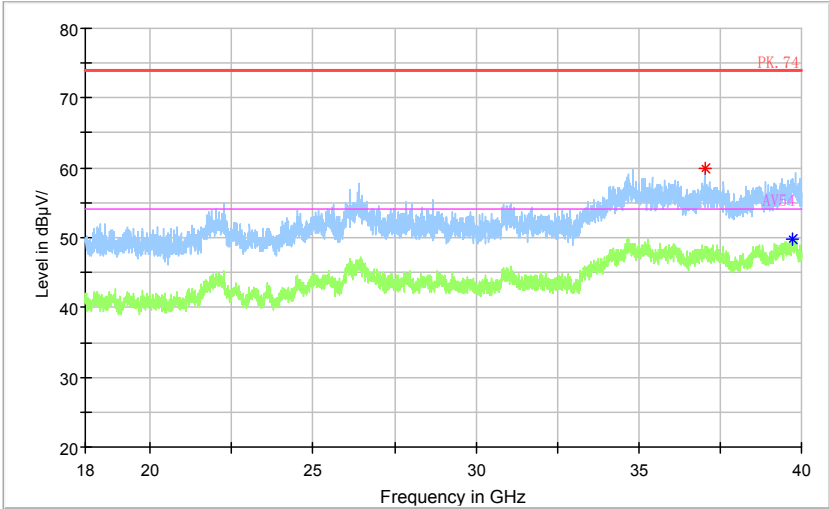
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

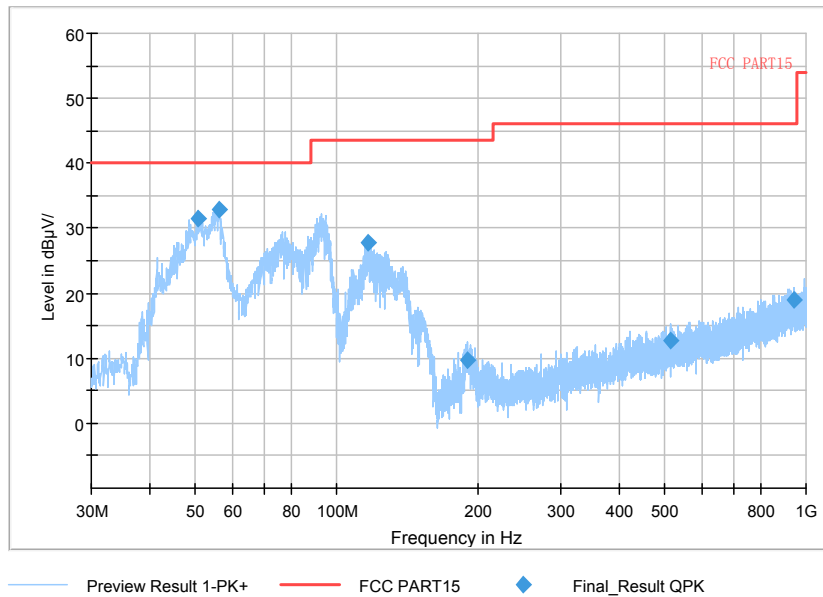
Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

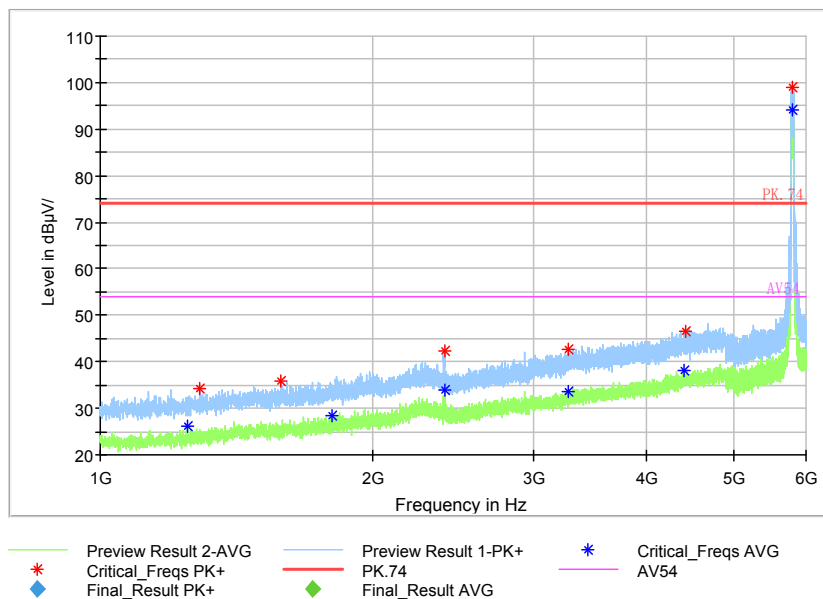
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

Full Spectrum



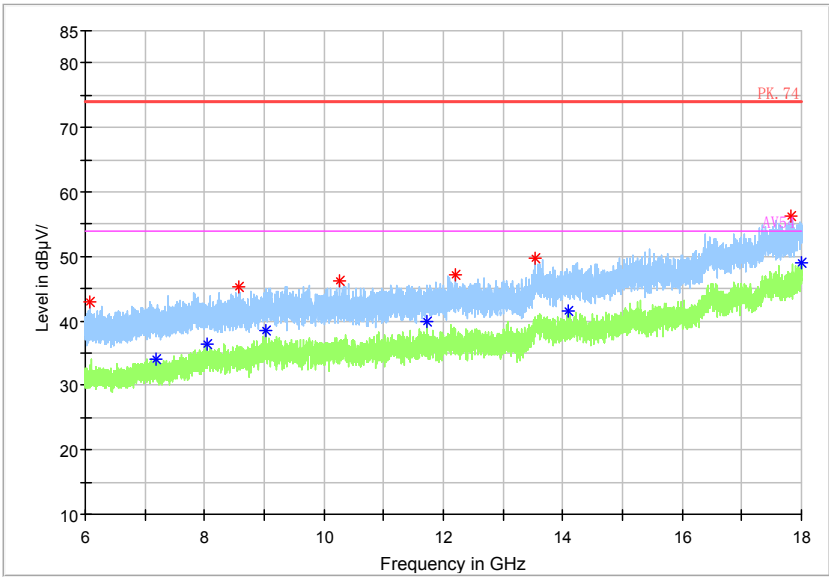
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT40 MIMO)

Full Spectrum



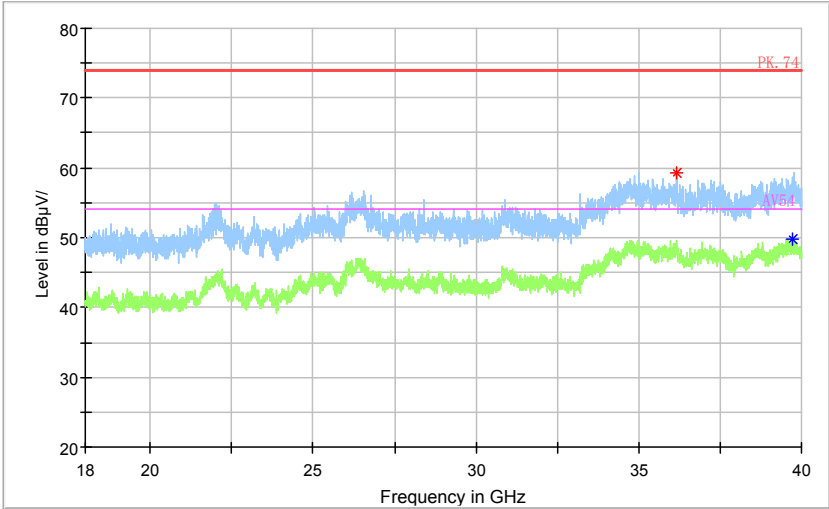
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

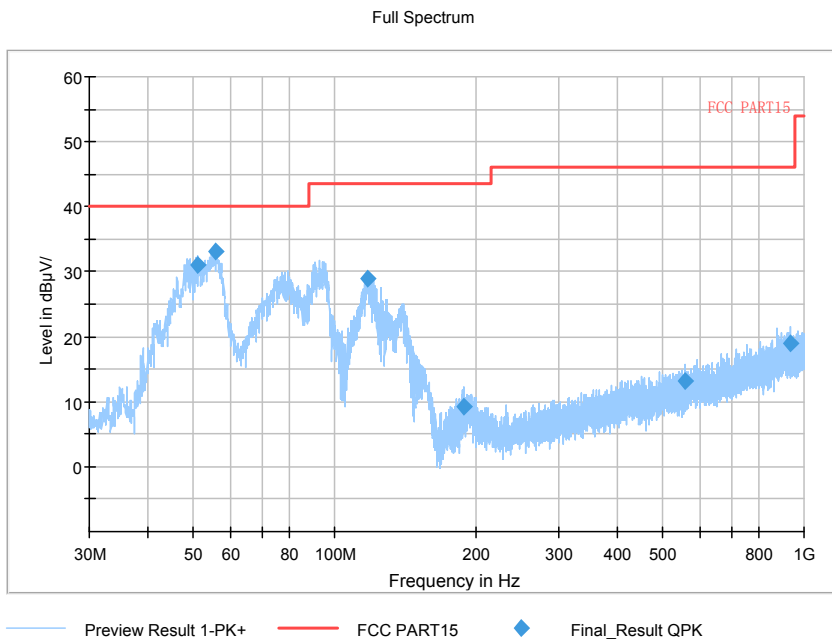
Full Spectrum



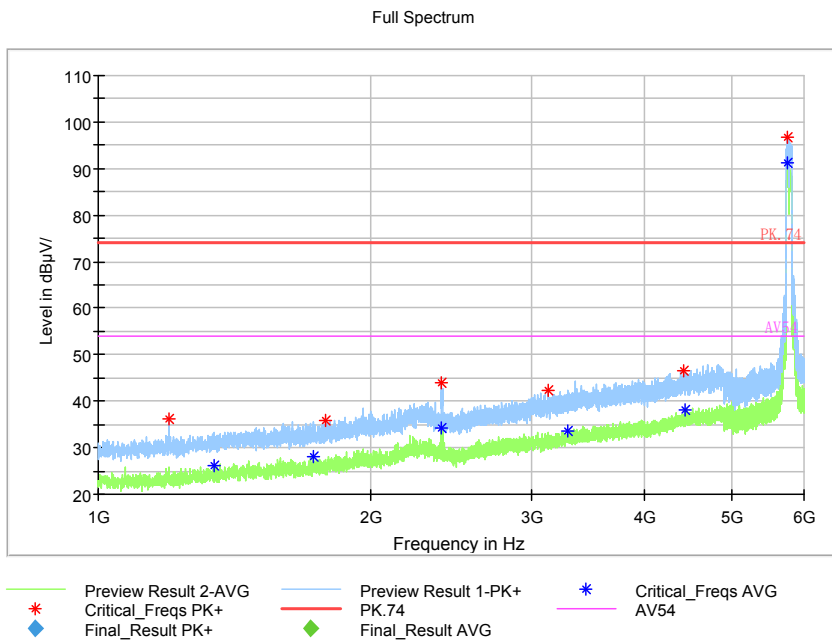
Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV54
Final_Result PK+ Final_Result AVG

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT40 MIMO)

Carrier frequency (MHz): 5775
Channel No.:155

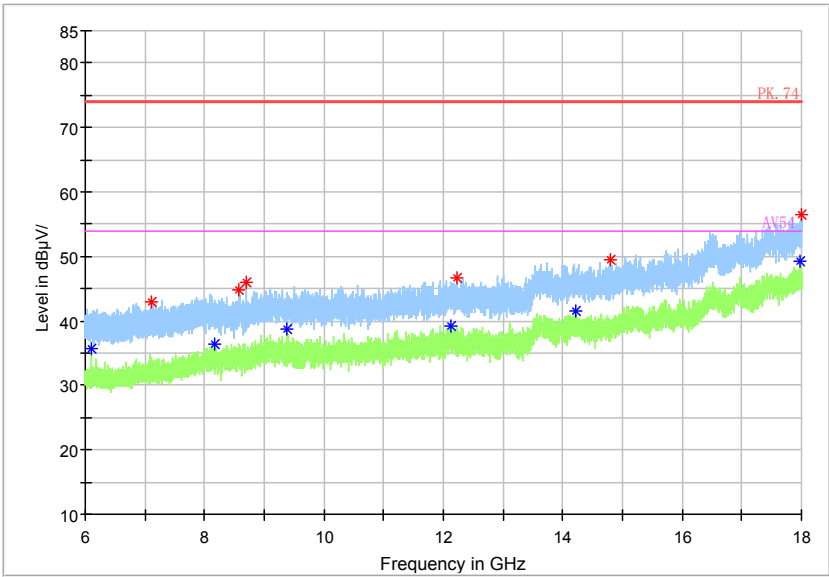


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac (VHT80 MIMO)



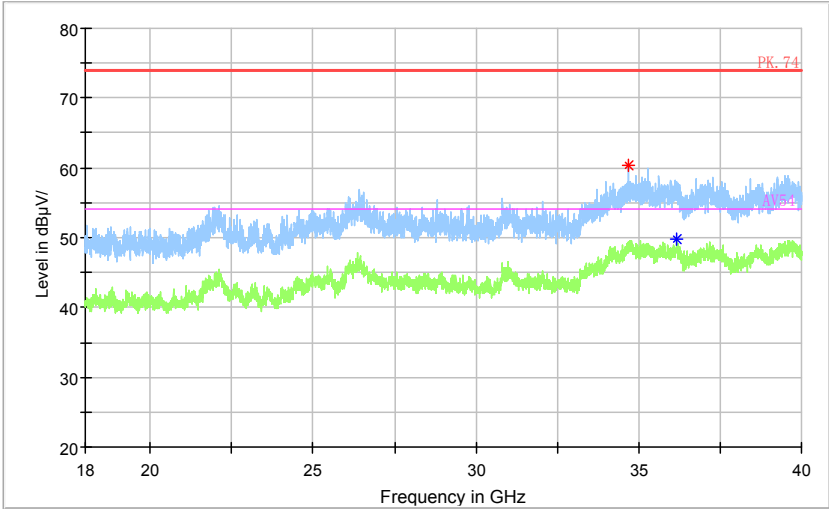
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT80 MIMO)

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT80 MIMO)

Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+
Preview Result 1-PK+
PK.74
Final_Result AVG
Critical_Freqs AVG
AV54

Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac (VHT80 MIMO)

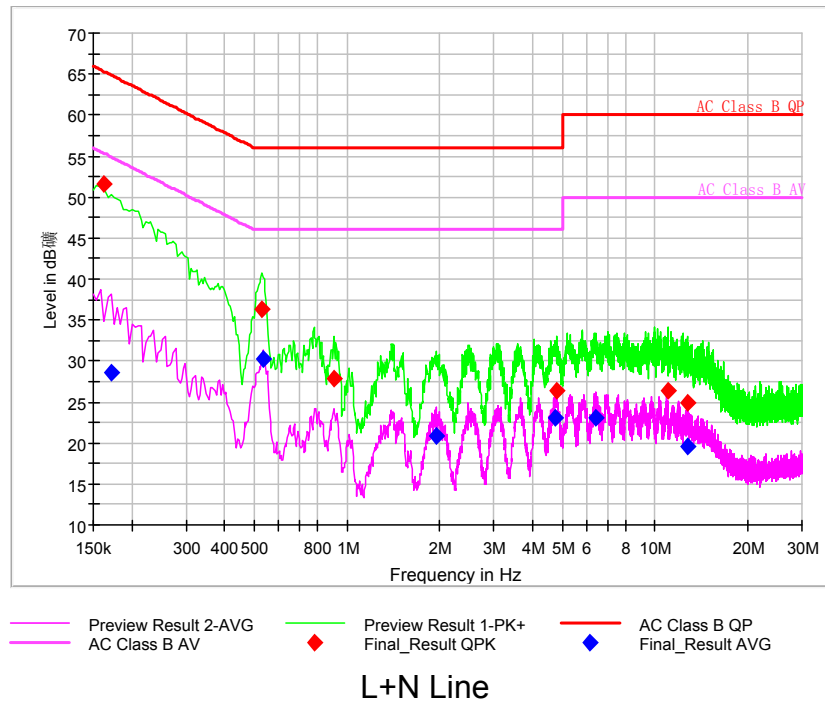
AC Power line Conducted Emission(EUT TX on (11n) + charging)

A "reference path loss" Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ is the attenuation of "reference path loss", and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

$$P_{\text{result}} = P_{\text{mea}} + \text{Corr. (dB)}$$

Sample calculation: $(51.52 \text{ dB}\mu\text{V}) = (21.82 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 0.162793MHz.



MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi Peak (dBμ V)	Pmea Avera ge (dBμ V)
0.162793	51.52	---	65.32	13.80	L1	29.7	21.82	---
0.171321	---	28.68	54.90	26.22	L1	29.7	---	-1.02
0.529521	36.24	---	56.00	19.76	L1	29.7	6.54	---
0.533786	---	30.33	46.00	15.67	N	29.7	---	0.63
0.904779	27.87	---	56.00	28.13	L1	29.8	-1.93	---
1.949529	---	20.88	46.00	25.12	N	29.8	---	-8.92
4.746900	---	23.04	46.00	22.96	N	29.8	---	-6.76
4.798071	26.39	---	56.00	29.61	L1	29.8	-3.41	---
6.397179	---	23.09	50.00	26.91	L1	29.8	---	-6.71
10.972757	26.40	---	60.00	33.60	L1	29.9	-3.5	---
12.691264	24.95	---	60.00	35.05	L1	30.0	-5.05	---
12.785079	---	19.48	50.00	30.52	L1	30.0	---	-10.52

---The end of the test report---