

## **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: (87.55 dBuV/m) = (40.65 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

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	87.55	40.65	N/A	N/A	12.40	34.50
2	5150	42.22	-4.68	-25.98	68.20	12.40	34.50

Carrier frequency (MHz): 5180

Channel No.:36

Test Mode: 802.11a

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	85.52	38.62	N/A	N/A	12.40	34.50
2	5150	42.17	-4.73	-26.03	68.20	12.40	34.50

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11a

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	81.73	34.83	N/A	N/A	12.40	34.50
2	5150	33.57	-13.33	-20.43	54.00	12.40	34.50

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11a  
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	80.09	33.19	N/A	N/A	12.40	34.50
2	5150	34.19	-12.71	-19.81	54.00	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11a  
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	87.59	40.69	N/A	N/A	12.40	34.50
2	5250	42.85	-4.05	-25.35	68.20	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11a  
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	85.63	38.73	N/A	N/A	12.40	34.50
2	5250	43.00	-3.90	-25.20	68.20	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11a  
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	81.60	34.70	N/A	N/A	12.40	34.50
2	5250	33.72	-13.18	-20.28	54.00	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11a  
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	79.53	32.63	N/A	N/A	12.40	34.50
2	5250	33.44	-13.46	-20.56	54.00	12.40	34.50

Carrier frequency (MHz): 5180 MHz  
Channel No.:36  
Test Mode: 802.11n (HT20)  
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	86.92	40.02	N/A	N/A	12.40	34.50
2	5150	43.85	-3.05	-24.35	68.20	12.40	34.50

Carrier frequency (MHz): 5180  
Channel No.:36  
Test Mode: 802.11n (HT20)  
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	84.70	37.80	N/A	N/A	12.40	34.50
2	5150	42.91	-3.99	-25.29	68.20	12.40	34.50

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11n (HT20)  
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	80.81	33.91	N/A	N/A	12.40	34.50
2	5150	33.72	-13.18	-20.28	54.00	12.40	34.50

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11n (HT20)  
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	79.68	32.78	N/A	N/A	12.40	34.50
2	5150	33.45	-13.45	-20.55	54.00	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
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	86.33	39.43	N/A	N/A	12.40	34.50
2	5250	43.20	-3.70	-25.00	68.20	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
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	84.31	37.41	N/A	N/A	12.40	34.50
2	5250	44.18	-2.72	-24.02	68.20	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
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	80.00	33.10	N/A	N/A	12.40	34.50
2	5250	33.56	-13.34	-20.44	54.00	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
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	77.62	30.72	N/A	N/A	12.40	34.50
2	5250	34.24	-12.66	-19.76	54.00	12.40	34.50

Carrier frequency (MHz): 5180 MHz  
Channel No.:36  
Test Mode: 802.11ac (VHT20)  
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	85.76	38.86	N/A	N/A	12.40	34.50
2	5150	42.96	-3.94	-25.24	68.20	12.40	34.50

Carrier frequency (MHz): 5180 MHz  
Channel No.:36  
Test Mode: 802.11ac (VHT20)  
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	84.47	37.57	N/A	N/A	12.40	34.50
2	5150	42.04	-4.86	-26.16	68.20	12.40	34.50

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11ac (VHT20)  
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	79.31	32.41	N/A	N/A	12.40	34.50
2	5150	34.34	-12.56	-19.66	54.00	12.40	34.50

Carrier frequency (MHz): 5180 MHz

Channel No.: 36  
Test Mode: 802.11ac (VHT20)  
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	77.60	30.70	N/A	N/A	12.40	34.50
2	5150	35.05	-11.85	-18.95	54.00	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
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	86.44	39.54	N/A	N/A	12.40	34.50
2	5250	43.34	-3.56	-24.86	68.20	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
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	84.51	37.61	N/A	N/A	12.40	34.50
2	5250	42.47	-4.43	-25.73	68.20	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
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	79.69	32.79	N/A	N/A	12.40	34.50
2	5250	33.61	-13.29	-20.39	54.00	12.40	34.50

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
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	77.23	30.33	N/A	N/A	12.40	34.50
2	5250	33.09	-13.81	-20.91	54.00	12.40	34.50

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	86.25	39.35	N/A	N/A	12.40	34.50
2	5150	43.74	-3.16	-24.46	68.20	12.40	34.50

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	84.81	37.91	N/A	N/A	12.40	34.50
2	5150	44.15	-2.75	-24.05	68.20	12.40	34.50

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	80.51	33.61	N/A	N/A	12.40	34.50
2	5150	33.33	-13.57	-20.67	54.00	12.40	34.50

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	78.44	31.54	N/A	N/A	12.40	34.50
2	5150	32.38	-14.52	-21.62	54.00	12.40	34.50

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	86.72	39.82	N/A	N/A	12.40	34.50
2	5250	43.20	-3.70	-25.00	68.20	12.40	34.50

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	84.76	37.86	N/A	N/A	12.40	34.50
2	5250	43.21	-3.69	-24.99	68.20	12.40	34.50

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	79.14	32.24	N/A	N/A	12.40	34.50
2	5250	34.88	-12.02	-19.12	54.00	12.40	34.50

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	77.03	30.13	N/A	N/A	12.40	34.50
2	5250	34.25	-12.65	-19.75	54.00	12.40	34.50

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
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	86.35	39.45	N/A	N/A	12.40	34.50
2	5150	42.40	-4.50	-25.80	68.20	12.40	34.50

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
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	84.72	37.82	N/A	N/A	12.40	34.50
2	5150	41.65	-5.25	-26.55	68.20	12.40	34.50

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
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	78.56	31.66	N/A	N/A	12.40	34.50
2	5150	34.71	-12.19	-19.29	54.00	12.40	34.50

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
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	76.03	29.13	N/A	N/A	12.40	34.50
2	5150	35.33	-11.57	-18.67	54.00	12.40	34.50

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11ac (VHT40)  
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	85.38	38.48	N/A	N/A	12.40	34.50
2	5250	43.68	-3.22	-24.52	68.20	12.40	34.50

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11ac (VHT40)  
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	84.21	37.31	N/A	N/A	12.40	34.50
2	5250	43.69	-3.21	-24.51	68.20	12.40	34.50

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11ac (VHT40)  
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	78.75	31.85	N/A	N/A	12.40	34.50
2	5250	33.71	-13.19	-20.29	54.00	12.40	34.50

Carrier frequency (MHz): 5230 MHz

Channel No.:46  
Test Mode: 802.11ac (VHT40)  
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	76.97	30.07	N/A	N/A	12.40	34.50
2	5250	33.25	-13.65	-20.75	54.00	12.40	34.50

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
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	86.53	39.63	N/A	N/A	12.40	34.50
2	5150	42.25	-4.65	-25.95	68.20	12.40	34.50

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
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	83.87	36.97	N/A	N/A	12.40	34.50
2	5150	41.26	-5.64	-26.94	68.20	12.40	34.50

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
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	78.71	31.81	N/A	N/A	12.40	34.50
2	5150	34.19	-12.71	-19.81	54.00	12.40	34.50

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
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	75.82	28.92	N/A	N/A	12.40	34.50
2	5150	34.13	-12.77	-19.87	54.00	12.40	34.50

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
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	90.69	43.09	N/A	N/A	12.90	34.70
2	5725	41.91	-5.69	-26.29	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
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	85.69	38.09	N/A	N/A	12.90	34.70
2	5725	41.32	-6.28	-26.88	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
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	83.02	35.42	N/A	N/A	12.90	34.70
2	5725	34.54	-13.06	-19.46	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
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	79.88	32.28	N/A	N/A	12.90	34.70
2	5725	32.53	-15.07	-21.47	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
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	92.08	44.48	N/A	N/A	12.90	34.70
2	5845	42.79	-4.81	-25.41	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
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	87.08	39.48	N/A	N/A	12.90	34.70
2	5845	43.44	-4.16	-24.76	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
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	83.01	35.41	N/A	N/A	12.90	34.70
2	5845	33.38	-14.22	-20.62	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
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	80.05	32.45	N/A	N/A	12.90	34.70
2	5845	33.78	-13.82	-20.22	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
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	91.74	44.14	N/A	N/A	12.90	34.70
2	5725	42.10	-5.50	-26.10	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
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	86.74	39.14	N/A	N/A	12.90	34.70
2	5725	41.84	-5.76	-26.36	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
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	81.73	34.13	N/A	N/A	12.90	34.70
2	5725	34.00	-13.60	-20.00	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
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	79.85	32.25	N/A	N/A	12.90	34.70
2	5725	34.18	-13.42	-19.82	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
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	91.96	44.36	N/A	N/A	12.90	34.70
2	5845	41.36	-6.24	-26.84	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
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	86.96	39.36	N/A	N/A	12.90	34.70
2	5845	40.85	-6.75	-27.35	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
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	81.23	33.63	N/A	N/A	12.90	34.70
2	5845	33.01	-14.59	-20.99	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
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	79.95	32.35	N/A	N/A	12.90	34.70
2	5845	32.10	-15.50	-21.90	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
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	91.39	43.79	N/A	N/A	12.90	34.70
2	5725	41.35	-6.25	-26.85	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
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	86.39	38.79	N/A	N/A	12.90	34.70
2	5725	42.34	-5.26	-25.86	68.20	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
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	81.07	33.47	N/A	N/A	12.90	34.70
2	5725	34.32	-13.28	-19.68	54.00	12.90	34.70

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
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	79.27	31.67	N/A	N/A	12.90	34.70
2	5725	33.68	-13.92	-20.32	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
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	91.91	44.31	N/A	N/A	12.90	34.70
2	5845	41.64	-5.96	-26.56	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
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	86.91	39.31	N/A	N/A	12.90	34.70
2	5845	42.36	-5.24	-25.84	68.20	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
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	80.29	32.69	N/A	N/A	12.90	34.70
2	5845	33.05	-14.55	-20.95	54.00	12.90	34.70

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
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	77.77	30.17	N/A	N/A	12.90	34.70
2	5845	33.73	-13.87	-20.27	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	92.21	44.61	N/A	N/A	12.90	34.70
2	5715	42.84	-4.76	-25.36	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	87.21	39.61	N/A	N/A	12.90	34.70
2	5715	41.90	-5.70	-26.30	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	81.95	34.35	N/A	N/A	12.90	34.70
2	5715	33.82	-13.78	-20.18	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	80.93	33.33	N/A	N/A	12.90	34.70
2	5715	34.15	-13.45	-19.85	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	91.36	43.76	N/A	N/A	12.90	34.70
2	5835	42.75	-4.85	-25.45	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	86.36	38.76	N/A	N/A	12.90	34.70
2	5835	43.66	-3.94	-24.54	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	81.07	33.47	N/A	N/A	12.90	34.70
2	5835	34.99	-12.61	-19.01	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	78.54	30.94	N/A	N/A	12.90	34.70
2	5835	34.35	-13.25	-19.65	54.00	12.90	34.70

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
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	90.25	42.65	N/A	N/A	12.90	34.70
2	5715	41.68	-5.92	-26.52	68.20	12.90	34.70

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
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	85.25	37.65	N/A	N/A	12.90	34.70
2	5715	41.94	-5.66	-26.26	68.20	12.90	34.70

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
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	80.18	32.58	N/A	N/A	12.90	34.70
2	5715	33.19	-14.41	-20.81	54.00	12.90	34.70

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
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	78.75	31.15	N/A	N/A	12.90	34.70
2	5715	32.36	-15.24	-21.64	54.00	12.90	34.70

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)  
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	90.32	42.72	N/A	N/A	12.90	34.70
2	5835	42.75	-4.85	-25.45	68.20	12.90	34.70

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)  
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	85.32	37.72	N/A	N/A	12.90	34.70
2	5835	41.91	-5.69	-26.29	68.20	12.90	34.70

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)  
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	80.46	32.86	N/A	N/A	12.90	34.70
2	5835	33.54	-14.06	-20.46	54.00	12.90	34.70

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)  
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	77.54	29.94	N/A	N/A	12.90	34.70
2	5835	33.89	-13.71	-20.11	54.00	12.90	34.70

Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
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	91.27	43.67	N/A	N/A	12.90	34.70
2	5695	42.87	-4.73	-25.33	68.20	12.90	34.70

Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
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	86.27	38.67	N/A	N/A	12.90	34.70
2	5695	43.87	-3.73	-24.33	68.20	12.90	34.70

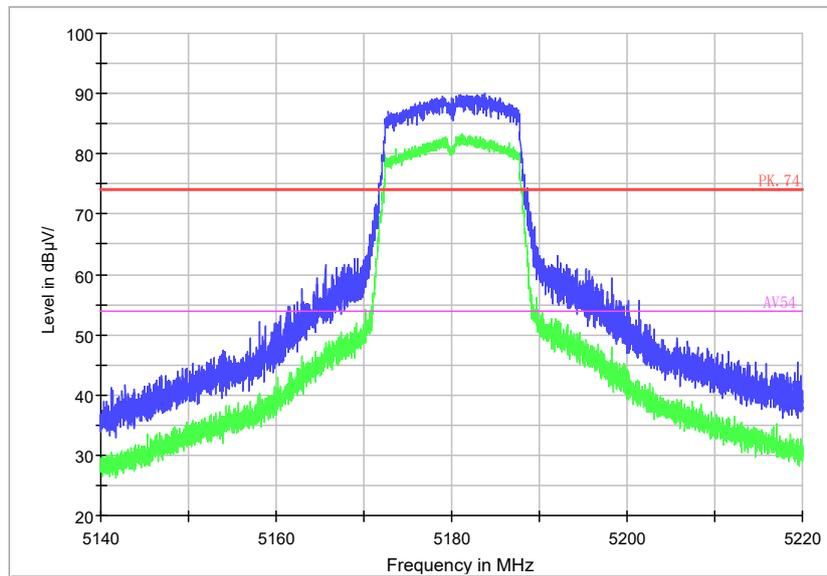
Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
Polarity:Vertical  
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	81.03	33.43	N/A	N/A	12.90	34.70
2	5695	34.68	-12.92	-19.32	54.00	12.90	34.70

Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
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	79.84	32.24	N/A	N/A	12.90	34.70
2	5695	34.42	-13.18	-19.58	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 Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.498	23.7	-20.7	44.4	Vertical	40
69.573	30.57	-21.5	52.07	Vertical	40
134.5605	20.3	-21.6	41.9	Vertical	43.5
305.426	15.61	-15	30.61	Vertical	46
551.4945	14.59	-7.9	22.49	Vertical	46
957.6055	20.88	-0.8	21.68	Vertical	46

For 802.11n(HT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.332	24	-20.8	44.8	Vertical	40
67.6985	31.39	-20.9	52.29	Vertical	40
134.9885	21.88	-21.7	43.58	Vertical	43.5
203.9895	11.82	-18.2	30.02	Vertical	43.5
531.459	14.81	-8.5	23.31	Vertical	46
928.1745	20.94	-1.1	22.04	Vertical	46

For 802.11ac(VHT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.931	22.41	-20.6	43.01	Vertical	40
69.3875	31.65	-21.4	53.05	Vertical	40
134.2005	21.12	-21.6	42.72	Vertical	43.5
307.257	16.12	-14.9	31.02	Vertical	46
555.3005	14.85	-7.8	22.65	Vertical	46
923.5755	20.63	-1.2	21.83	Vertical	46

For 802.11a Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.201	23.89	-20.8	44.69	Vertical	40
69.5245	31.34	-21.5	52.84	Vertical	40
134.0015	20.89	-21.6	42.49	Vertical	43.5
206.594	13.08	-18.1	31.18	Vertical	43.5
383.9415	17.35	-12.2	29.55	Vertical	46
939.606	21	-1	22	Vertical	46

For 802.11n(HT20) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.441	23.72	-20.7	44.42	Vertical	40
69.037	30.73	-21.3	52.03	Vertical	40
134.158	20.79	-21.6	42.39	Vertical	43.5
308.8925	15.85	-14.8	30.65	Vertical	46
510.644	13.96	-9	22.96	Vertical	46
943.714	20.97	-0.9	21.87	Vertical	46

For 802.11ac(VHT20) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.058	23.57	-20.8	44.37	Vertical	40
68.94	30.82	-21.3	52.12	Vertical	40
134.3895	20.61	-21.6	42.21	Vertical	43.5
204.9085	12.8	-18.2	31	Vertical	43.5
383.9815	23.92	-12.2	36.12	Vertical	46
935.138	20.9	-1	21.9	Vertical	46

For 802.11a Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.3465	23.84	-20.8	44.64	Vertical	40
68.4405	30.09	-21.1	51.19	Vertical	40
134.0925	20.34	-21.6	41.94	Vertical	43.5
309.8845	15.46	-14.8	30.26	Vertical	46
532.383	14.6	-8.4	23	Vertical	46
953.74	20.95	-0.8	21.75	Vertical	46

For 802.11n(HT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.3635	23.72	-20.8	44.52	Vertical	40
69.6385	30.87	-21.5	52.37	Vertical	40
133.6535	20.31	-21.6	41.91	Vertical	43.5
306.396	15.75	-14.9	30.65	Vertical	46
383.9415	10.74	-12.2	22.94	Vertical	46
950.8435	20.8	-0.9	21.7	Vertical	46

For 802.11ac(VHT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.4265	23.59	-20.7	44.29	Vertical	40
69.7075	30.82	-21.5	52.32	Vertical	40
134.529	20.55	-21.6	42.15	Vertical	43.5
309.642	15.52	-14.8	30.32	Vertical	46
542.4855	14.66	-8.1	22.76	Vertical	46
934.9185	20.82	-1	21.82	Vertical	46

For 802.11n(HT40) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.529	21.45	-20.1	41.55	Vertical	40
68.1895	30.33	-21.1	51.43	Vertical	40
131.5985	19.42	-21.4	40.82	Vertical	43.5
205.2675	12.44	-18.1	30.54	Vertical	43.5
383.9815	10.72	-12.2	22.92	Vertical	46
914.8855	20.37	-1.3	21.67	Vertical	46

For 802.11ac(VHT40) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.901	21.37	-20.3	41.67	Vertical	40
68.3895	30.16	-21.1	51.26	Vertical	40
134.557	20.15	-21.6	41.75	Vertical	43.5
194.6885	11.92	-18.8	30.72	Vertical	43.5
533.986	14.46	-8.4	22.86	Vertical	46
929.826	20.72	-1.1	21.82	Vertical	46

For 802.11n(HT40) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.4945	23.74	-20.7	44.44	Vertical	40
69.0625	30.41	-21.3	51.71	Vertical	40
133.856	20.07	-21.6	41.67	Vertical	43.5
307.24	15.61	-14.9	30.51	Vertical	46
532.9735	14.5	-8.4	22.9	Vertical	46
919.727	20.34	-1.2	21.54	Vertical	46

For 802.11ac(VHT40) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.583	23.53	-20.7	44.23	Vertical	40
68.666	30.25	-21.2	51.45	Vertical	40
132.9745	19.93	-21.5	41.43	Vertical	43.5
307.2085	15.57	-14.9	30.47	Vertical	46
531.0165	14.47	-8.5	22.97	Vertical	46
930.4855	20.64	-1.1	21.74	Vertical	46

For 802.11ac(VHT80) Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.464	23.91	-20.7	44.61	Vertical	40
68.9545	30.43	-21.3	51.73	Vertical	40
134.5315	20.39	-21.6	41.99	Vertical	43.5
305.551	15.55	-15	30.55	Vertical	46
538.4345	14.57	-8.2	22.77	Vertical	46
925.404	20.52	-1.1	21.62	Vertical	46

For 802.11a Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
43.3285	22.37	-17.7	40.07	Vertical	40
84.9415	23.42	-22.3	45.72	Vertical	40
166.4215	23.79	-20.9	44.69	Vertical	43.5
198.8195	18.65	-18.4	37.05	Vertical	43.5
387.551	16.11	-12.1	28.21	Vertical	46
899.2455	20.59	-1.5	22.09	Vertical	46

For 802.11n(HT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.088	22.16	-21.1	43.26	Vertical	40
59.782	23.4	-18.4	41.8	Vertical	40
166.2565	22.67	-20.9	43.57	Vertical	43.5
194.618	18.92	-18.8	37.72	Vertical	43.5
531.8325	15.12	-8.4	23.52	Vertical	46
910.0235	20.71	-1.3	22.01	Vertical	46

For 802.11ac(VHT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
43.201	20.9	-17.8	38.7	Vertical	40
59.805	23.33	-18.4	41.73	Vertical	40
165.6635	21.73	-20.9	42.63	Vertical	43.5
193.7935	18.55	-18.8	37.35	Vertical	43.5
367.0405	15.98	-12.9	28.88	Vertical	46
942.1425	21.27	-0.9	22.17	Vertical	46

For 802.11a Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.1765	21.97	-21.1	43.07	Vertical	40
59.719	23.02	-18.4	41.42	Vertical	40
165.9995	21.74	-20.9	42.64	Vertical	43.5
194.2155	18.32	-18.8	37.12	Vertical	43.5
383.9815	12.85	-12.2	25.05	Vertical	46
933.4755	21.08	-1	22.08	Vertical	46

For 802.11n(HT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30	22.37	-21.2	43.57	Vertical	40
59.799	23.09	-18.4	41.49	Vertical	40
84.928	21.9	-22.3	44.2	Vertical	40
166.2625	21.63	-20.9	42.53	Vertical	43.5
193.26	18.16	-18.9	37.06	Vertical	43.5
933.621	21.09	-1	22.09	Vertical	46

For 802.11ac(VHT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.998	18.67	-20.3	38.97	Vertical	40
59.816	22.98	-18.4	41.38	Vertical	40
166.008	21.17	-20.9	42.07	Vertical	43.5
194.794	17.73	-18.8	36.53	Vertical	43.5
365.828	15.35	-12.9	28.25	Vertical	46
908.8145	20.38	-1.4	21.78	Vertical	46

For 802.11a Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30	21.04	-21.2	42.24	Vertical	40
59.759	22.81	-18.4	41.21	Vertical	40
164.4025	19.65	-21	40.65	Vertical	43.5
192.969	17.72	-18.9	36.62	Vertical	43.5
368.0625	15.53	-12.8	28.33	Vertical	46
922.916	20.62	-1.2	21.82	Vertical	46

For 802.11n(HT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30	22.39	-21.2	43.59	Vertical	40
59.765	22.8	-18.4	41.2	Vertical	40
164.5965	19.85	-21	40.85	Vertical	43.5
193.6105	17.9	-18.9	36.8	Vertical	43.5
372.1415	14.86	-12.7	27.56	Vertical	46
954.784	20.99	-0.8	21.79	Vertical	46

For 802.11ac(VHT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30	20.95	-21.2	42.15	Vertical	40
59.679	22.48	-18.4	40.88	Vertical	40
166.208	20.79	-20.9	41.69	Vertical	43.5
206.3745	17.14	-18.1	35.24	Vertical	43.5
399.019	13.87	-11.8	25.67	Vertical	46
929.398	20.81	-1.1	21.91	Vertical	46

For 802.11n(HT40) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.04	22.63	-21.2	43.83	Vertical	40
59.742	22.57	-18.4	40.97	Vertical	40
166.208	20.88	-20.9	41.78	Vertical	43.5
193.8675	17.77	-18.8	36.57	Vertical	43.5
366.0655	14.96	-12.9	27.86	Vertical	46
929.4185	20.75	-1.1	21.85	Vertical	46

For 802.11ac(VHT40) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
34.4445	15.6	-19.9	35.5	Vertical	40
59.759	22.44	-18.4	40.84	Vertical	40
166.082	21.44	-20.9	42.34	Vertical	43.5
193.83	18.31	-18.8	37.11	Vertical	43.5
384.646	13.74	-12.2	25.94	Vertical	46
957.7825	20.93	-0.8	21.73	Vertical	46

For 802.11n(HT40) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
43.4315	20.92	-17.7	38.62	Vertical	40
59.6935	21.92	-18.4	40.32	Vertical	40
165.2755	21.46	-20.9	42.36	Vertical	43.5
194.15	17.8	-18.8	36.6	Vertical	43.5
388.018	14.08	-12.1	26.18	Vertical	46
932.7905	20.76	-1	21.76	Vertical	46

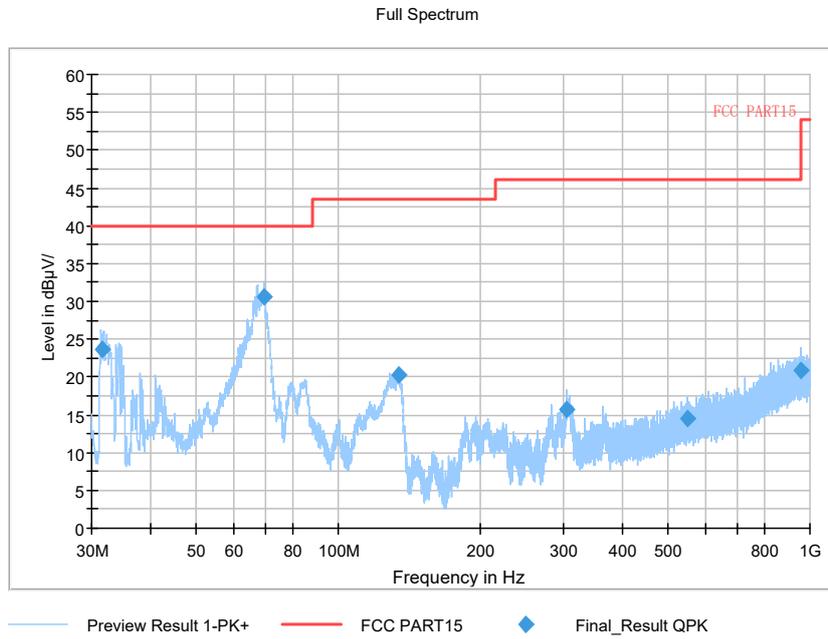
For 802.11ac(VHT40) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
43.3465	21.62	-17.7	39.32	Vertical	40
85.2615	21.82	-22.2	44.02	Vertical	40
166.0965	20.9	-20.9	41.8	Vertical	43.5
207.199	22.31	-18.1	40.41	Vertical	43.5
369.994	15.59	-12.7	28.29	Vertical	46
899.157	19.84	-1.5	21.34	Vertical	46

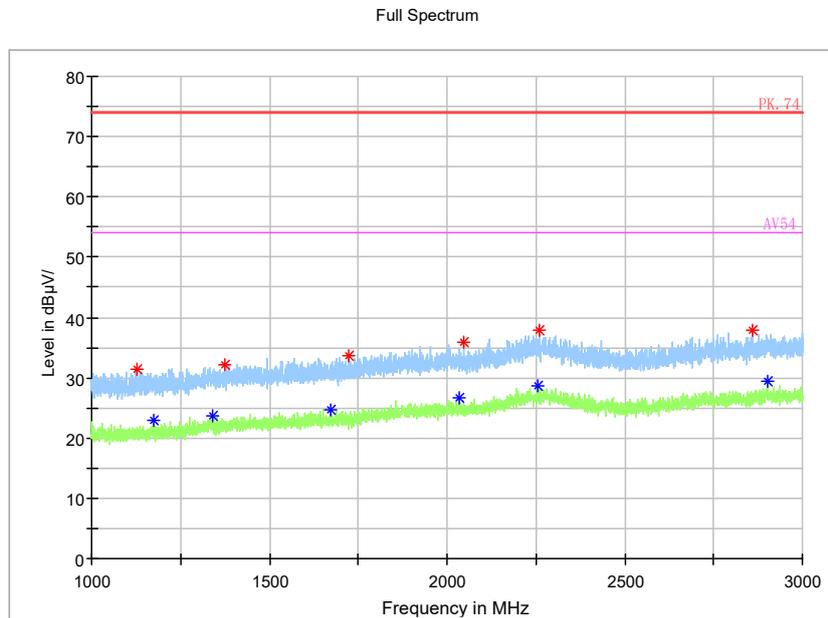
For 802.11ac(VHT80) Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
43.417	21.93	-17.7	39.63	Vertical	40
84.871	21.81	-22.3	44.11	Vertical	40
166.459	18.06	-20.9	38.96	Vertical	43.5
207.0535	22	-18.1	40.1	Vertical	43.5
386.6115	16.09	-12.1	28.19	Vertical	46
901.4705	19.93	-1.5	21.43	Vertical	46

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

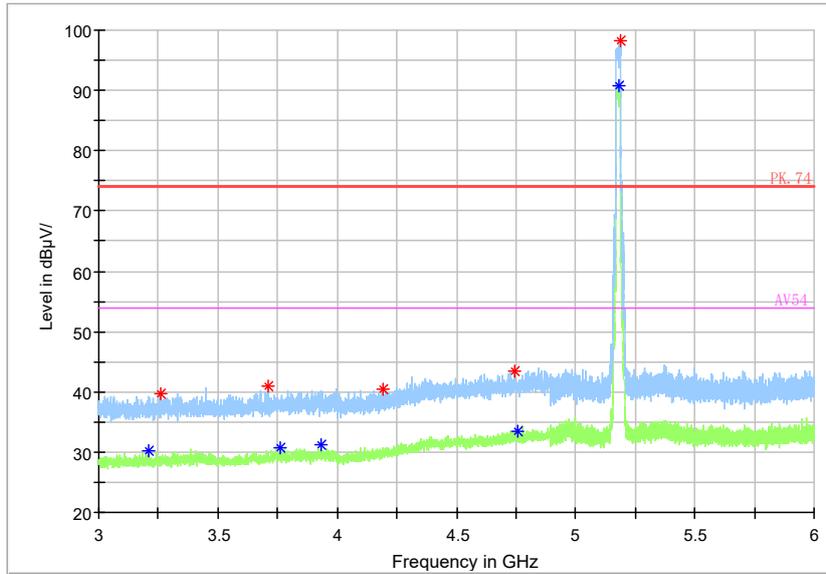


Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a



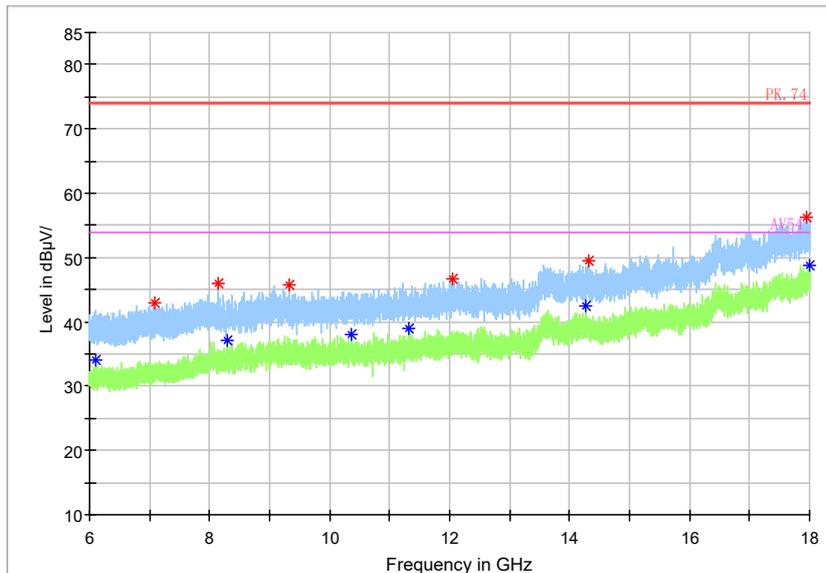
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



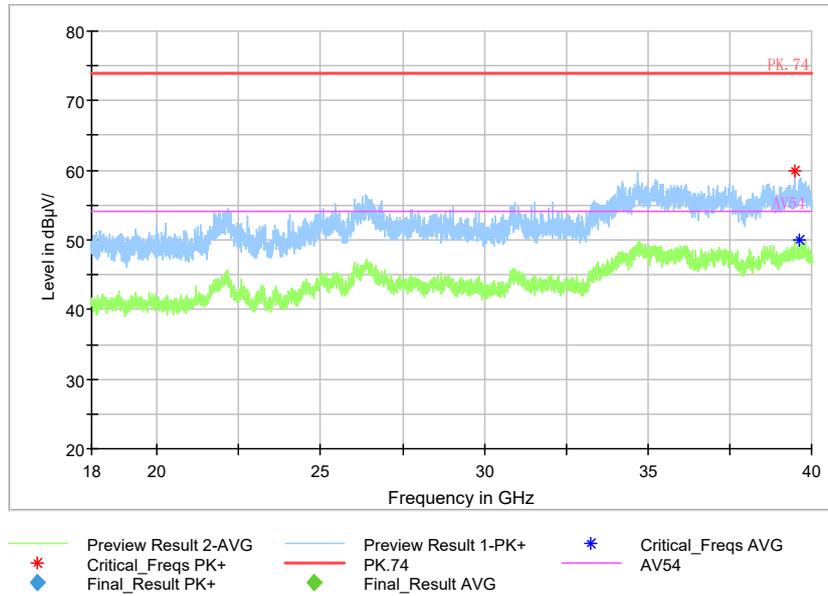
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



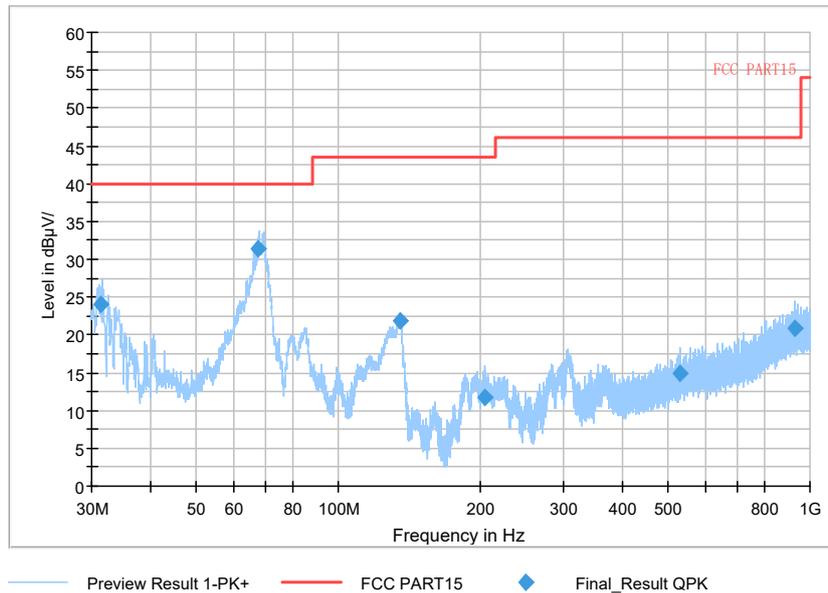
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



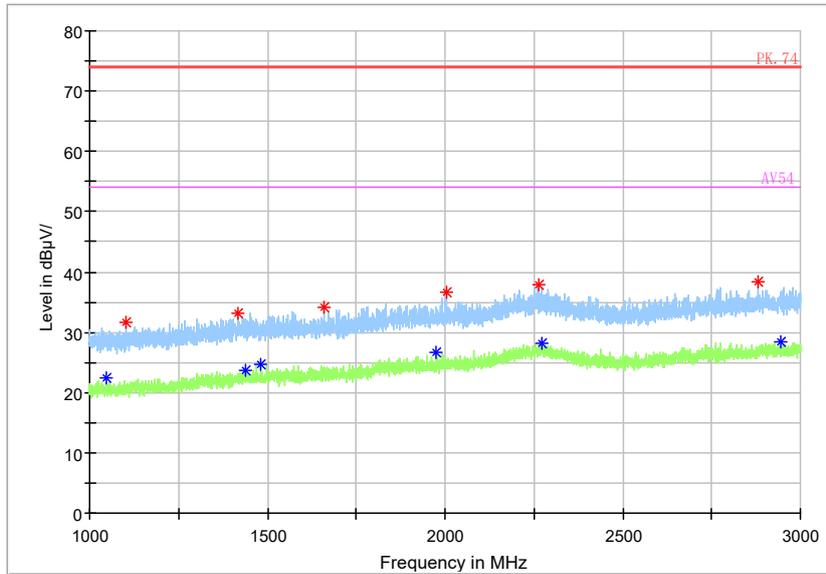
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



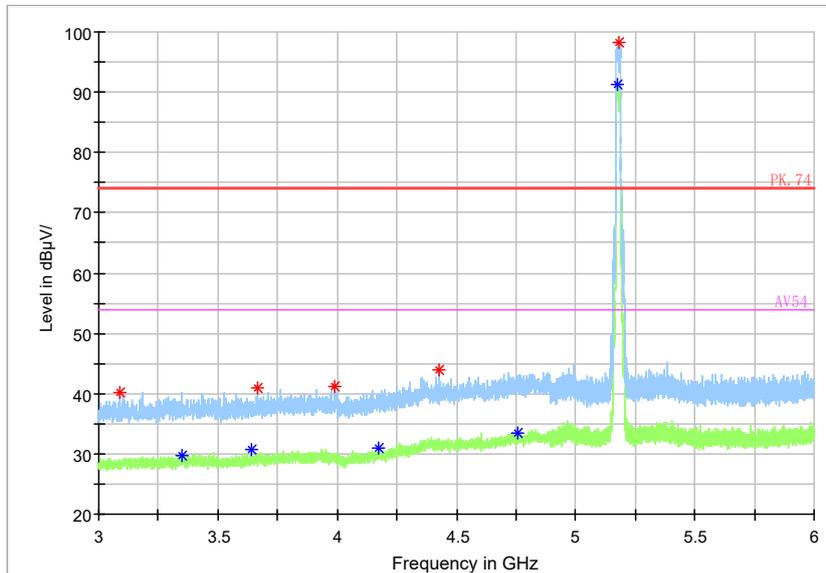
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



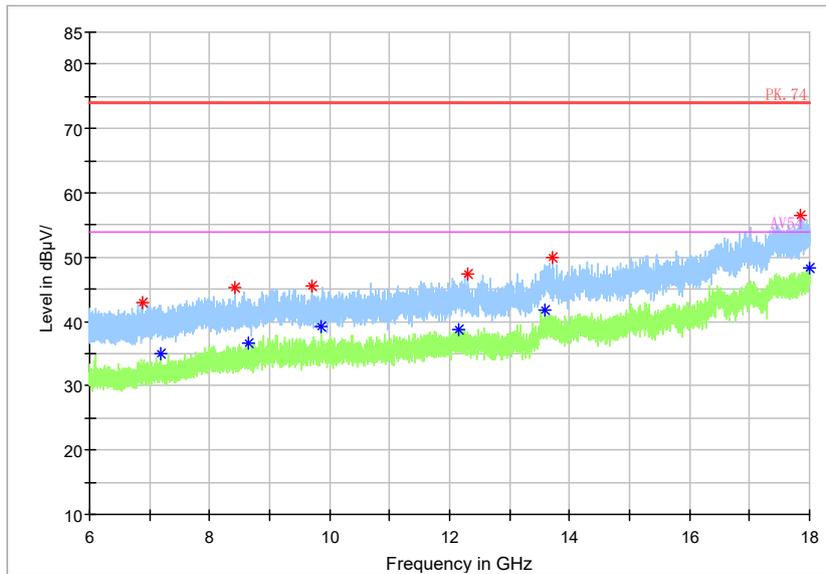
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



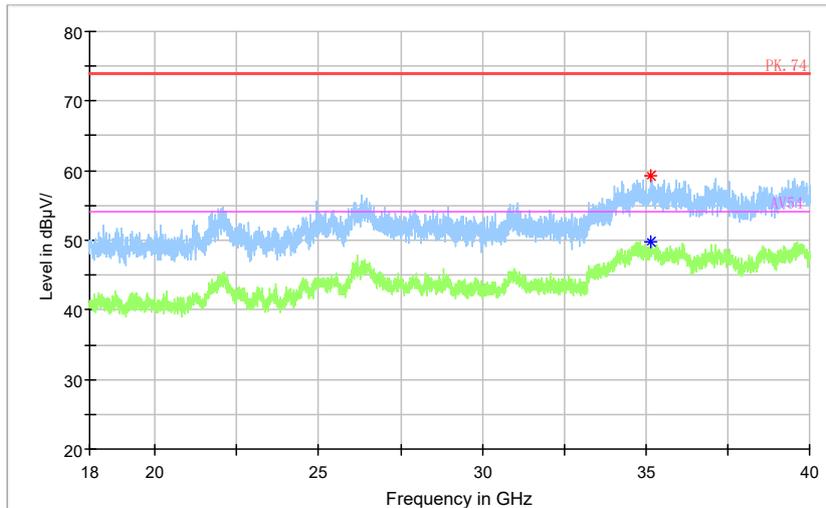
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

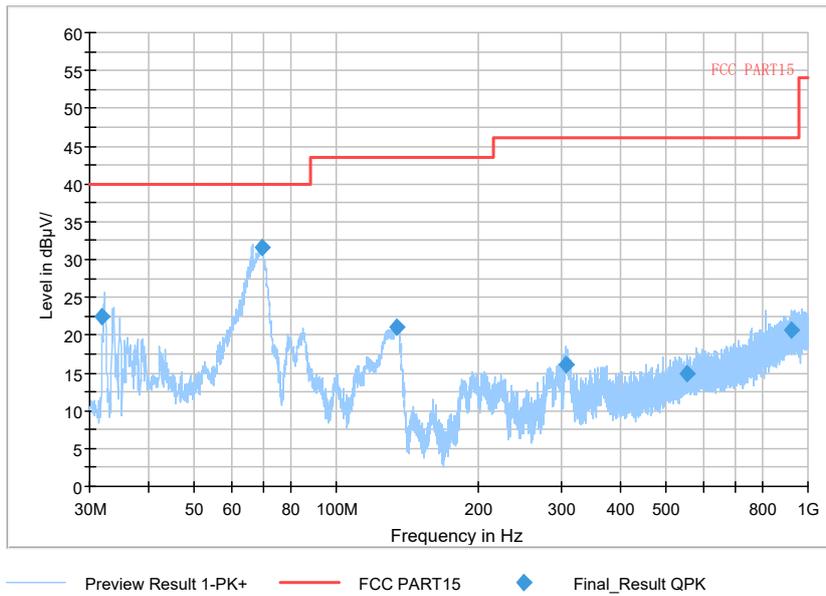
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- PK.74
- \* Critical\_Freqs AVG
- ◆ Final\_Result PK+
- ◆ Final\_Result AVG
- AV54

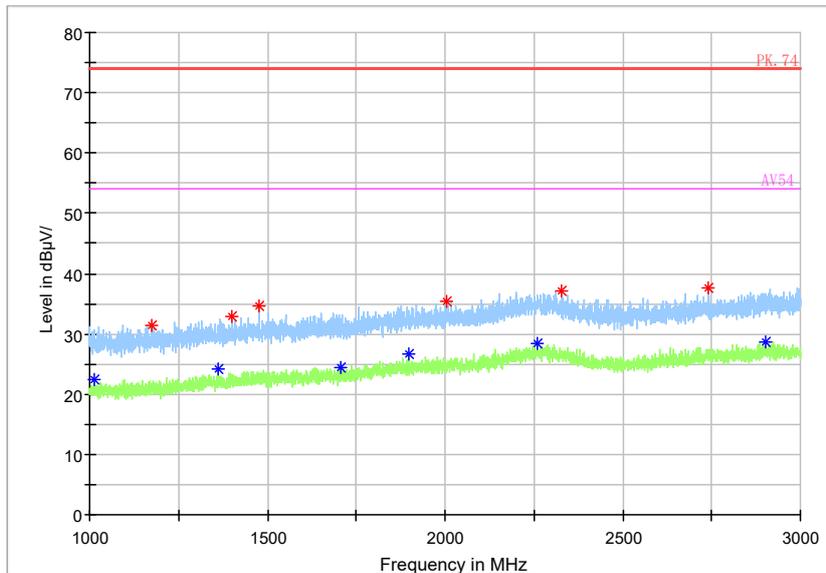
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



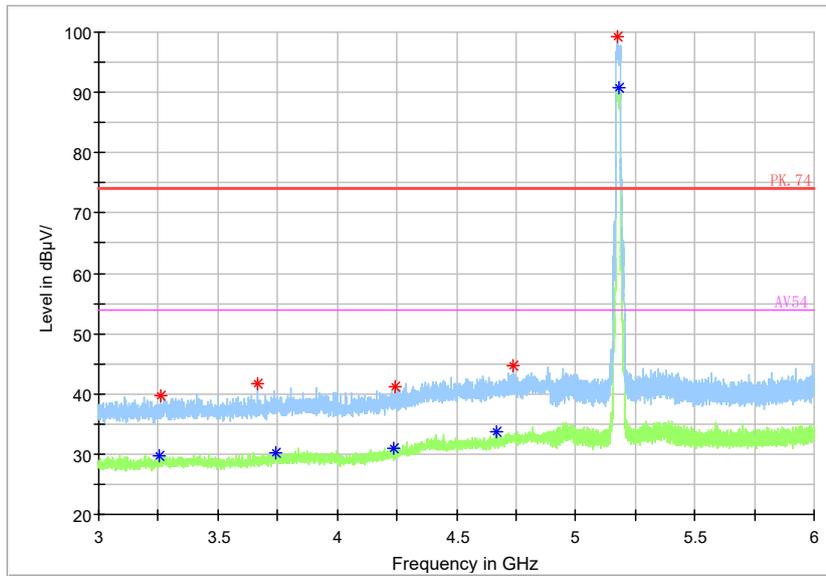
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



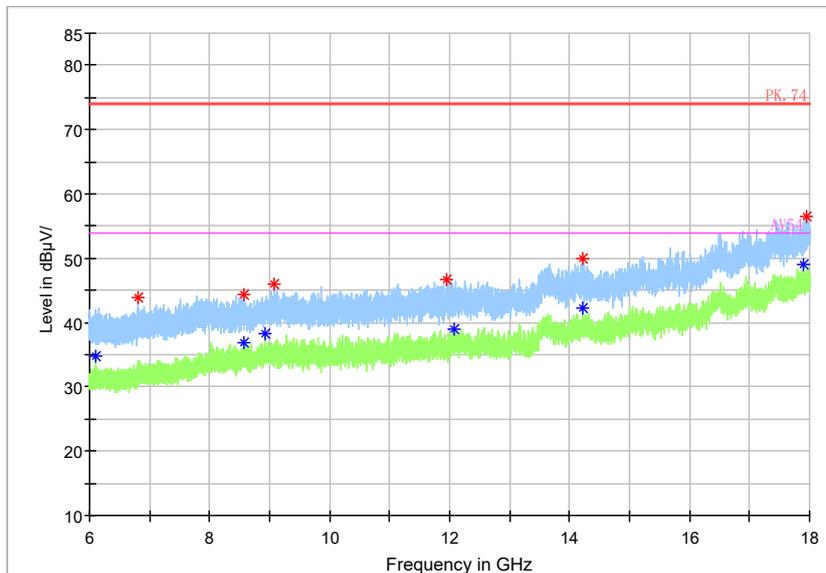
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



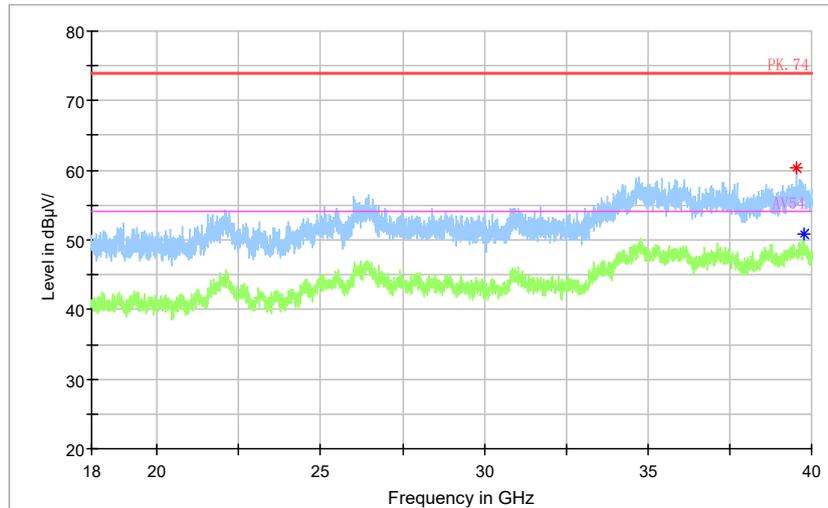
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



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

Full Spectrum

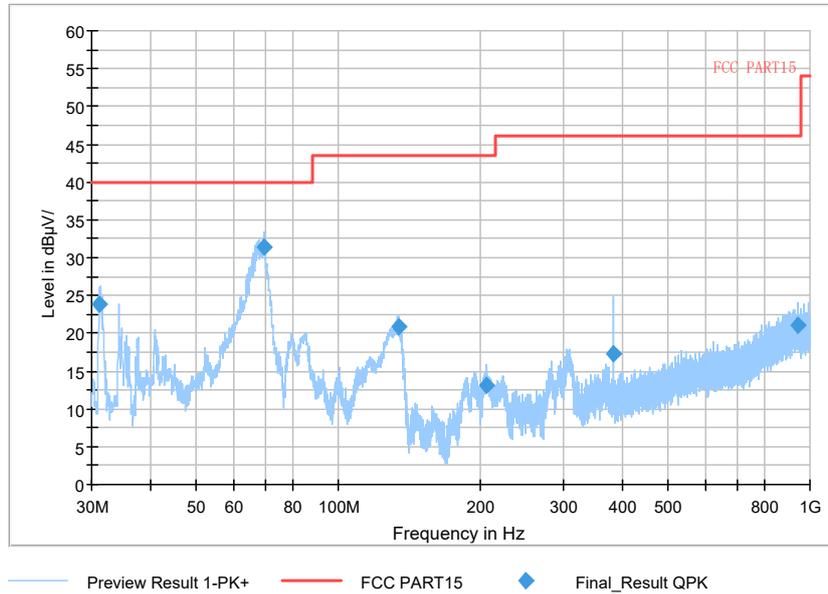


	Preview Result 2-AVG		Preview Result 1-PK+		Critical_Freqs AVG
	Critical_Freqs PK+		PK.74		AV54
	Final_Result PK+		Final_Result AVG		

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

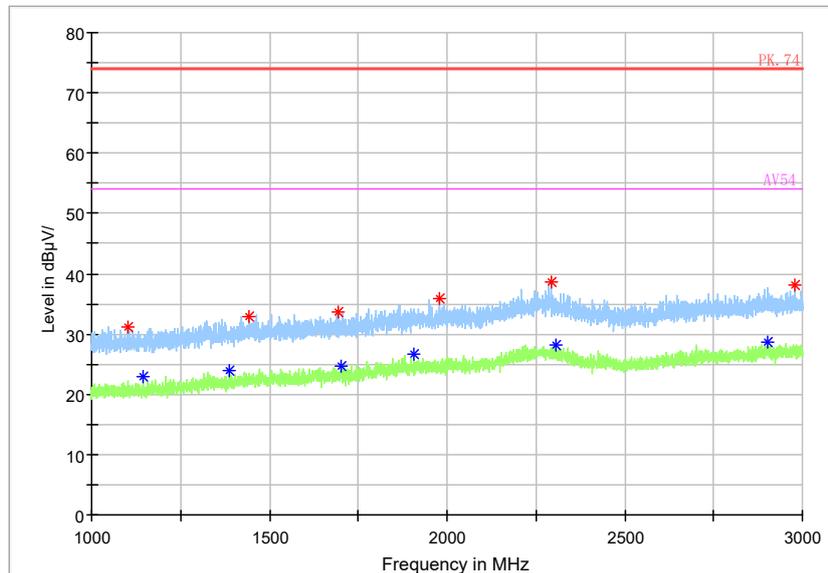
Carrier frequency (MHz): 5220  
Channel No.:44

Full Spectrum



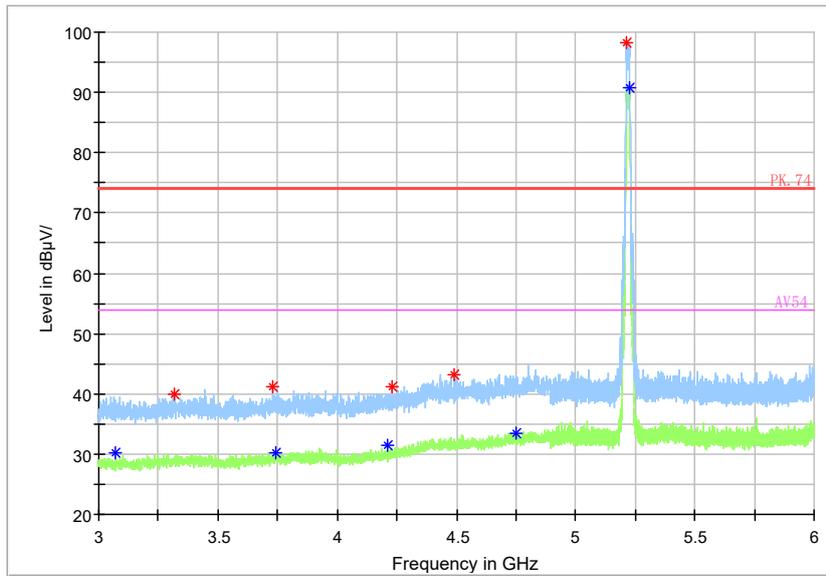
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a

Full Spectrum



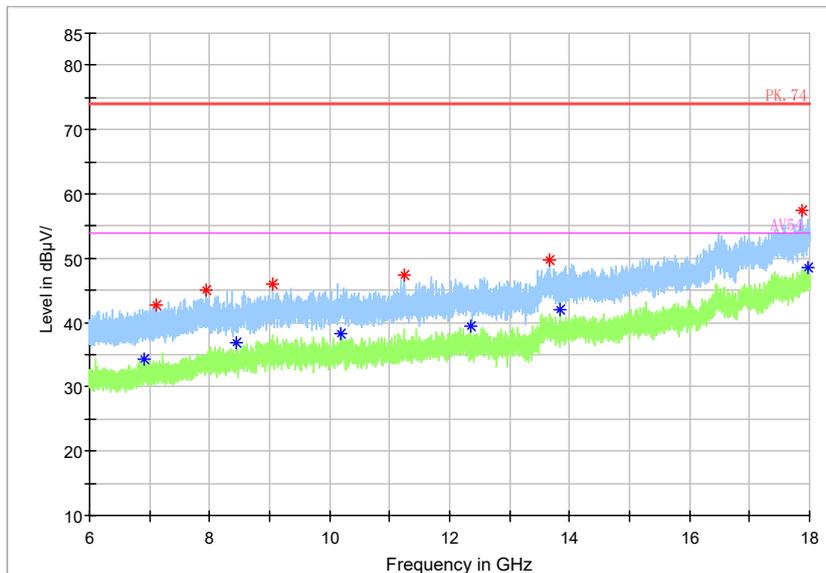
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



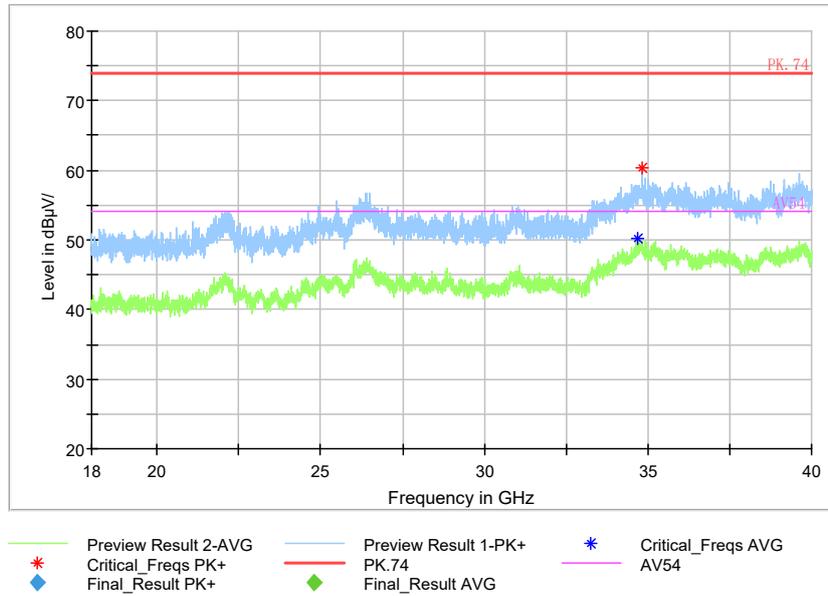
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



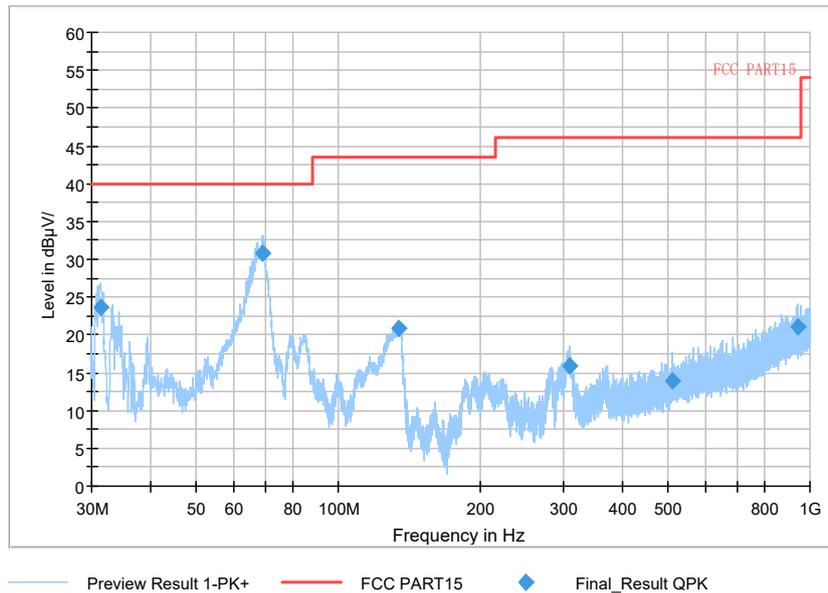
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



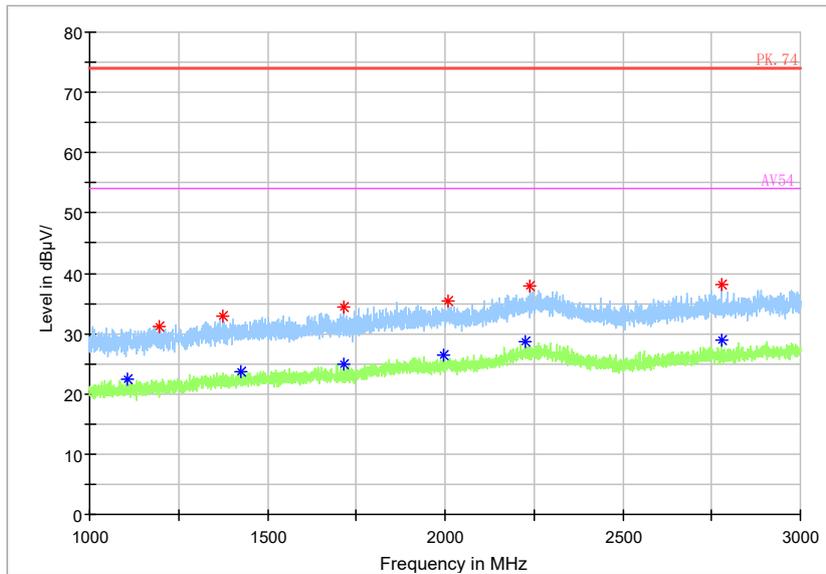
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



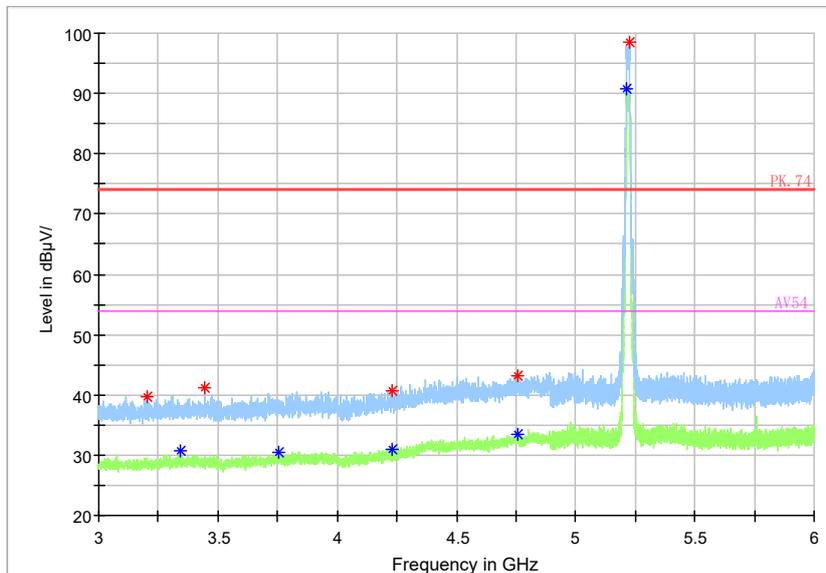
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



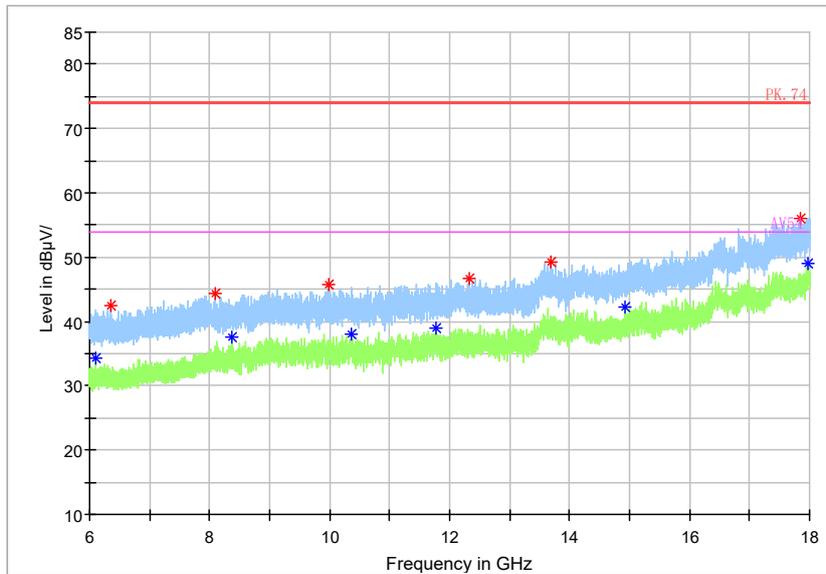
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



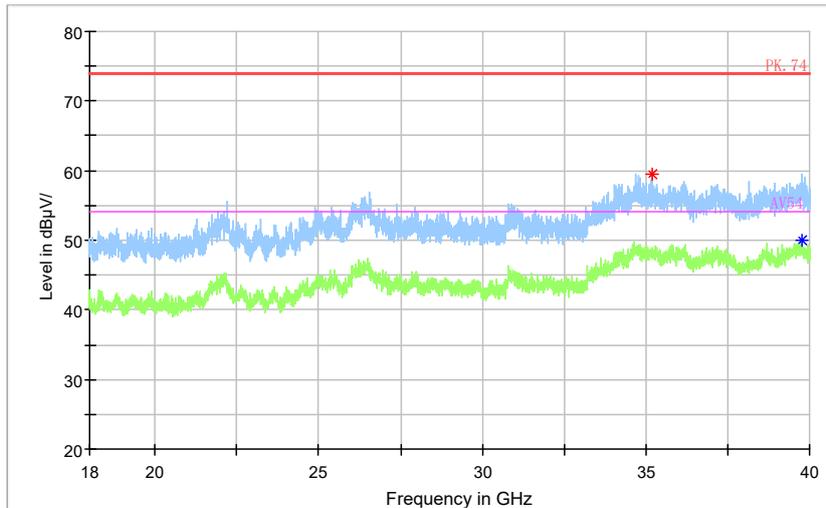
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

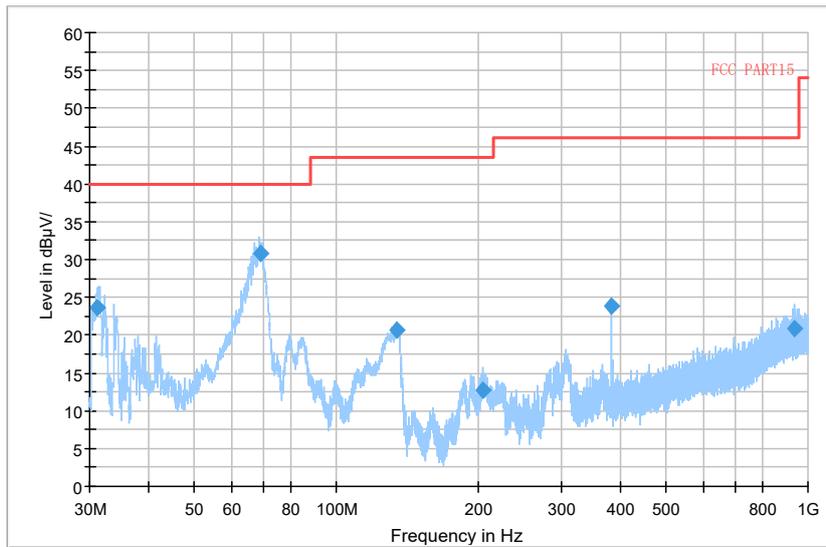
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- Preview Result 1-PK+ PK.74
- Critical\_Freqs AV54
- \* Critical\_Freqs PK+
- ◆ Final\_Result PK+
- ◆ Final\_Result AVG

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

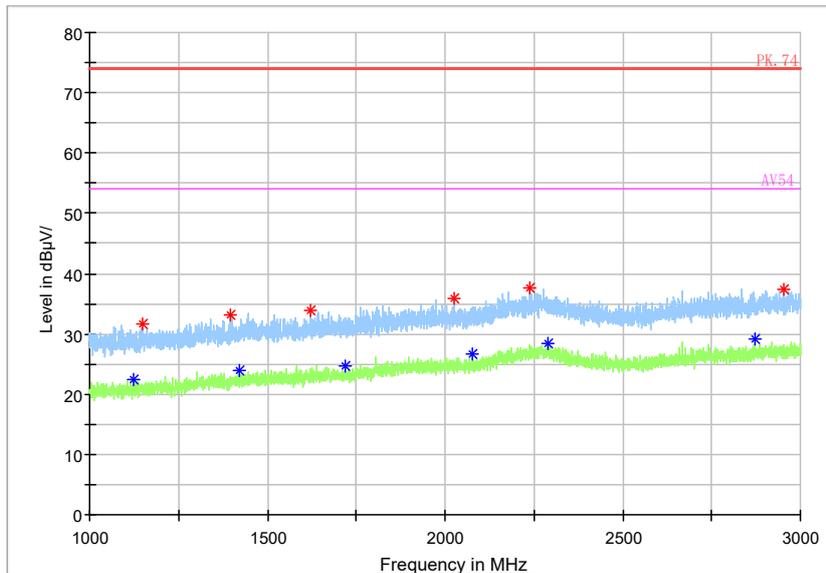
Full Spectrum



— Preview Result 1-PK+    — FCC PART15    ◆ Final\_Result QPK

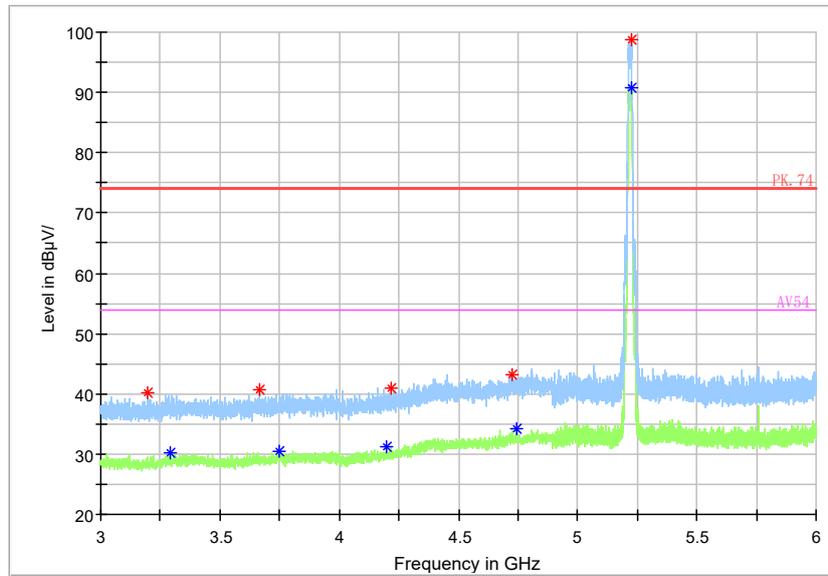
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



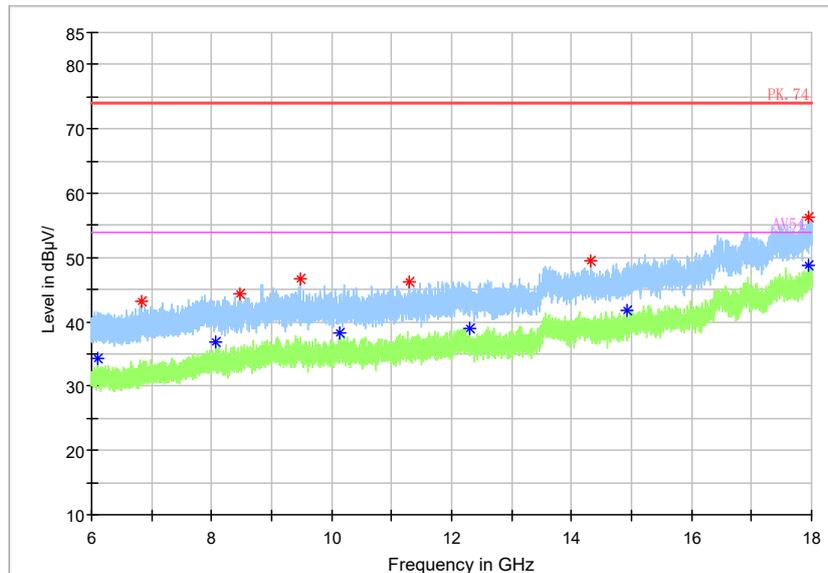
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



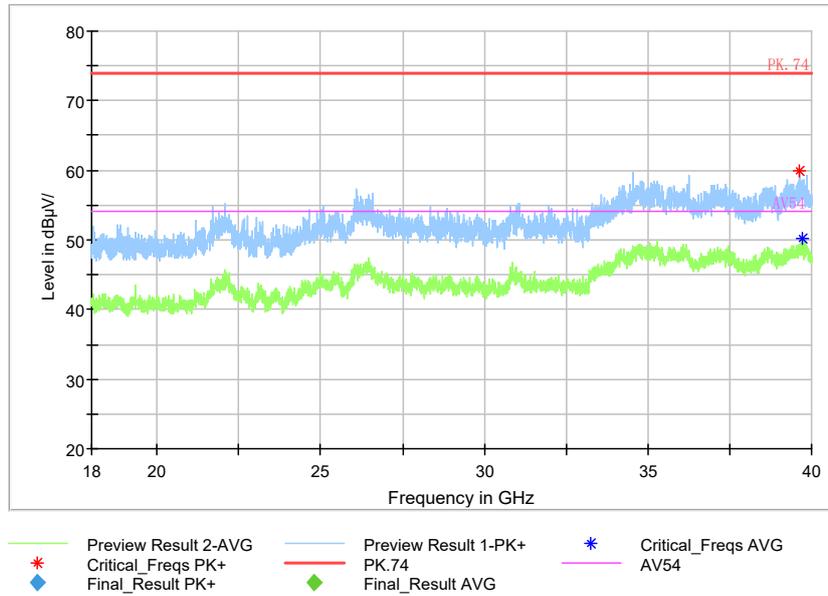
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

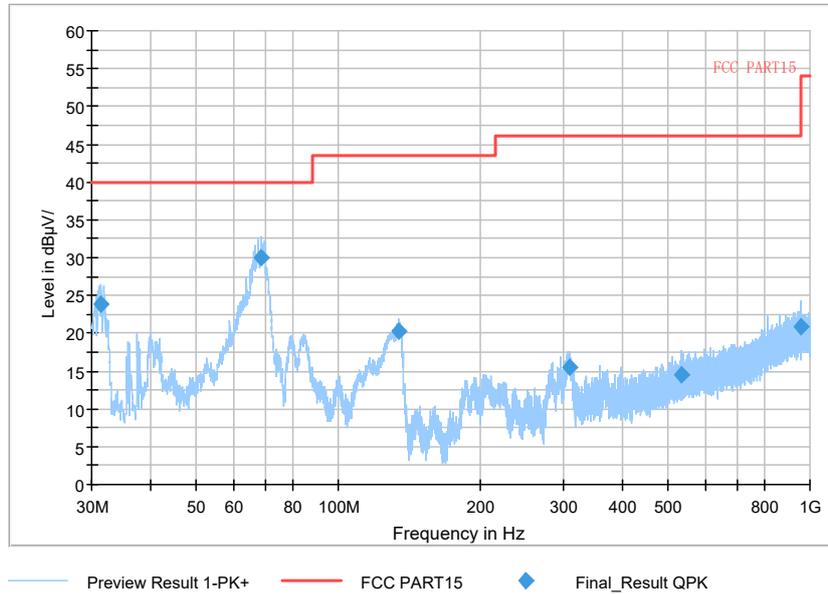
Full Spectrum



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

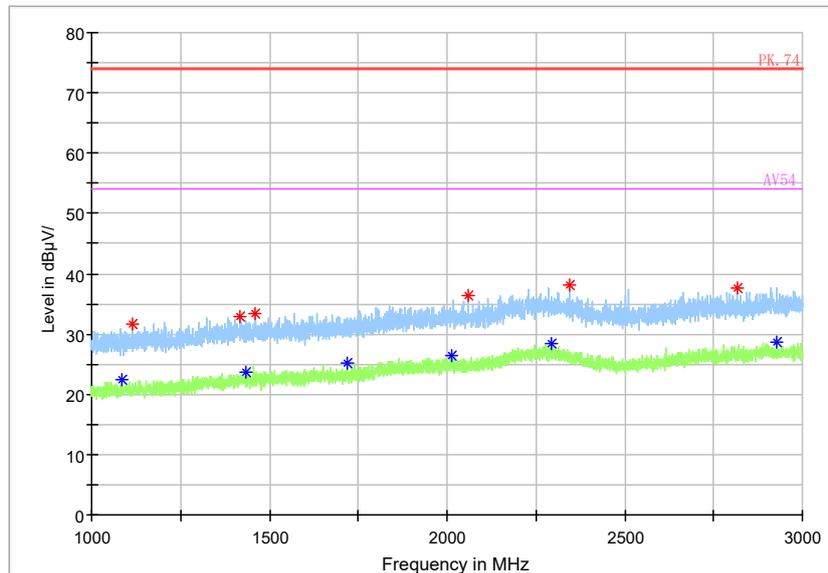
Carrier frequency (MHz): 5240  
 Channel No.:48

Full Spectrum



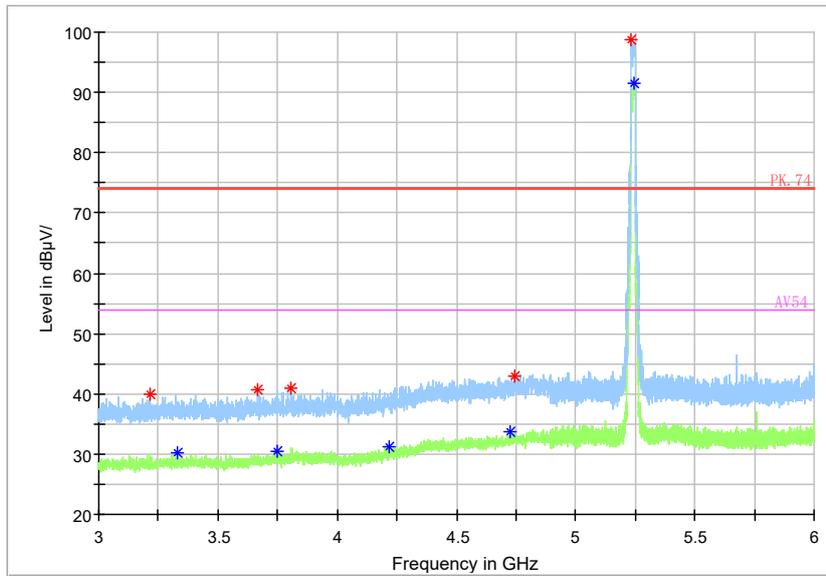
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11a

Full Spectrum



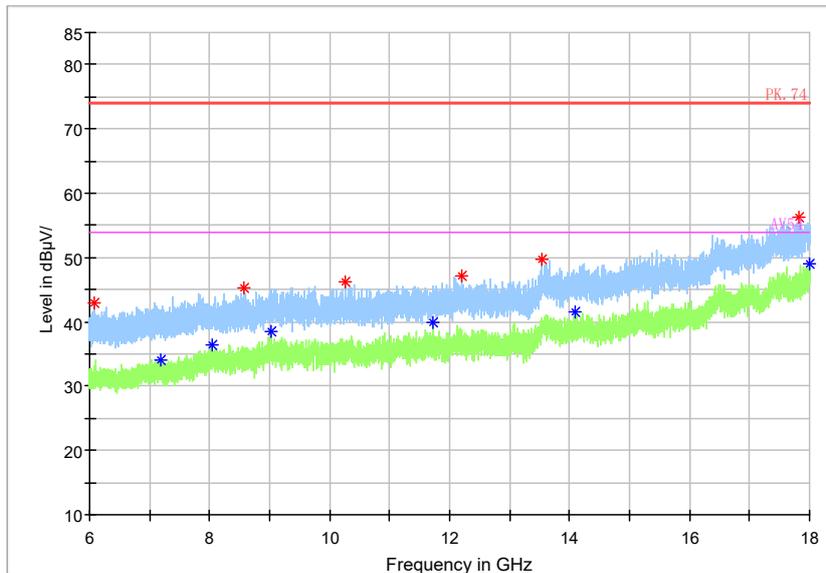
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11a

Full Spectrum



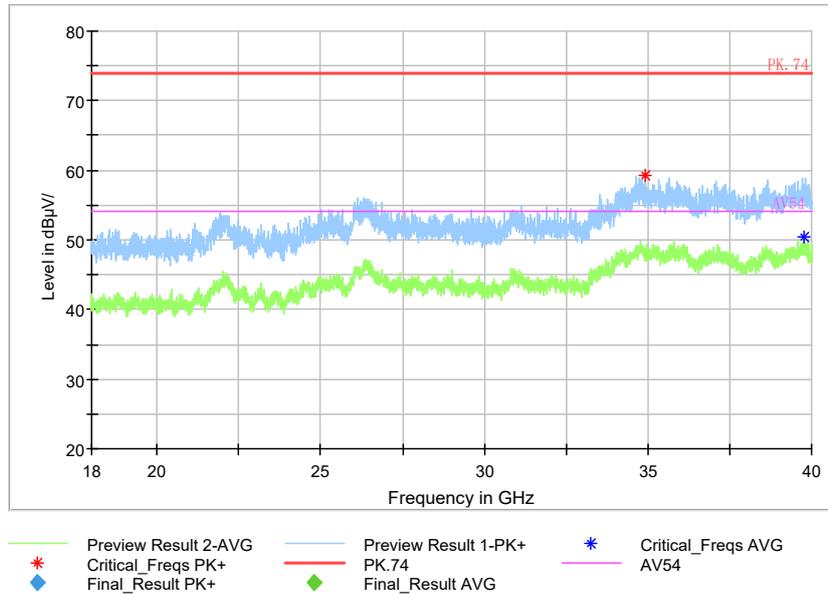
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



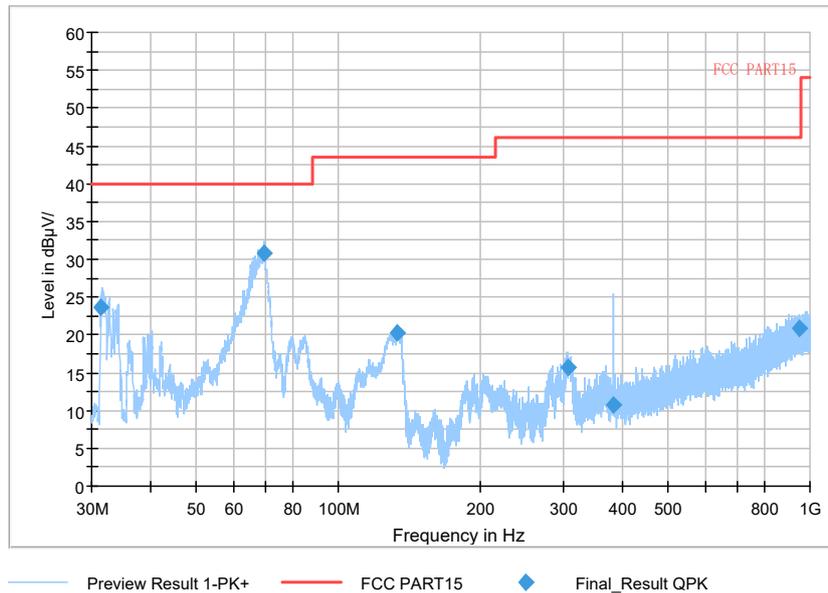
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



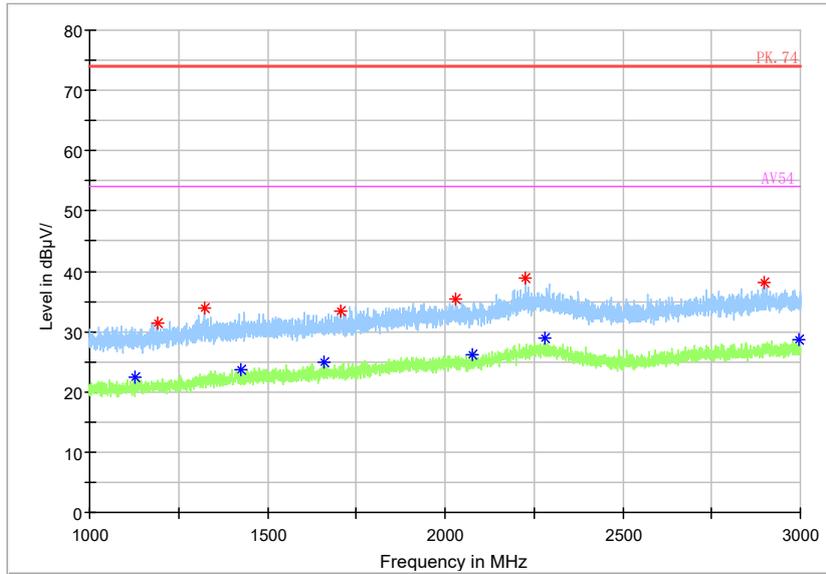
Frequency Range: 18GHz -40GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11a

Full Spectrum



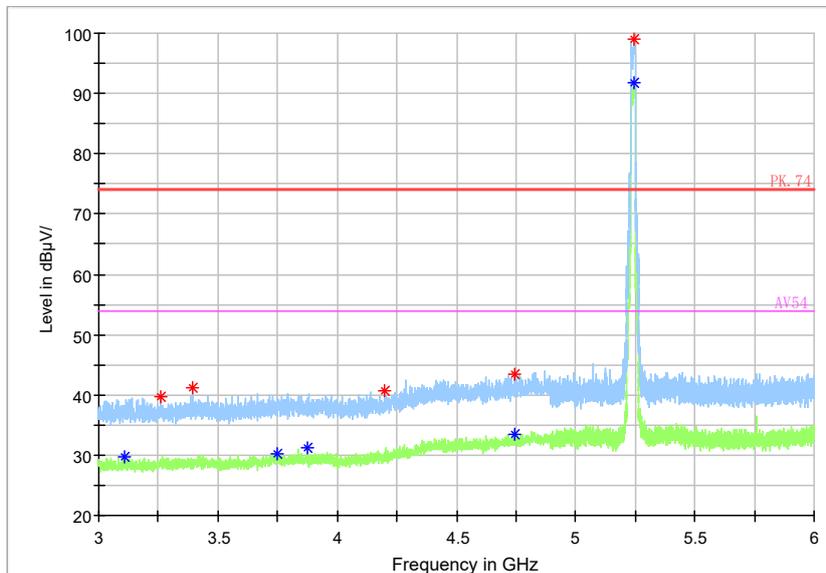
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11n(HT20)

Full Spectrum



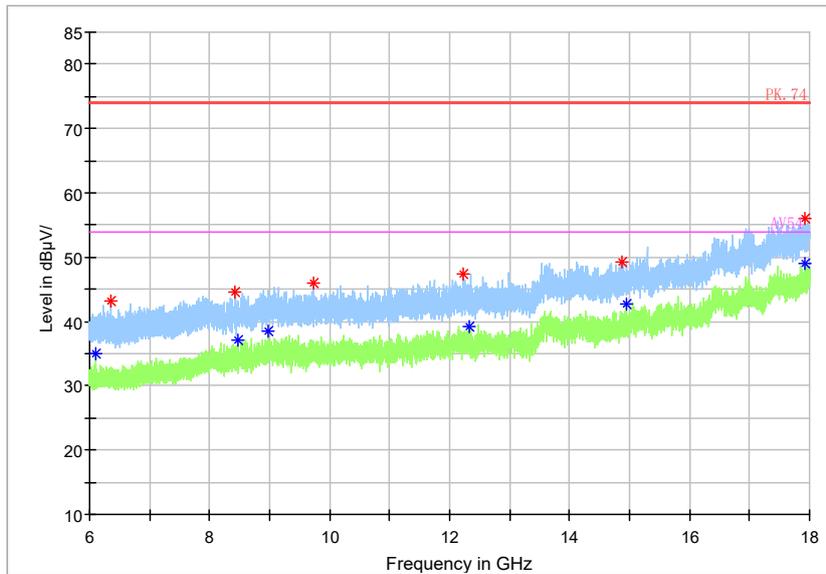
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



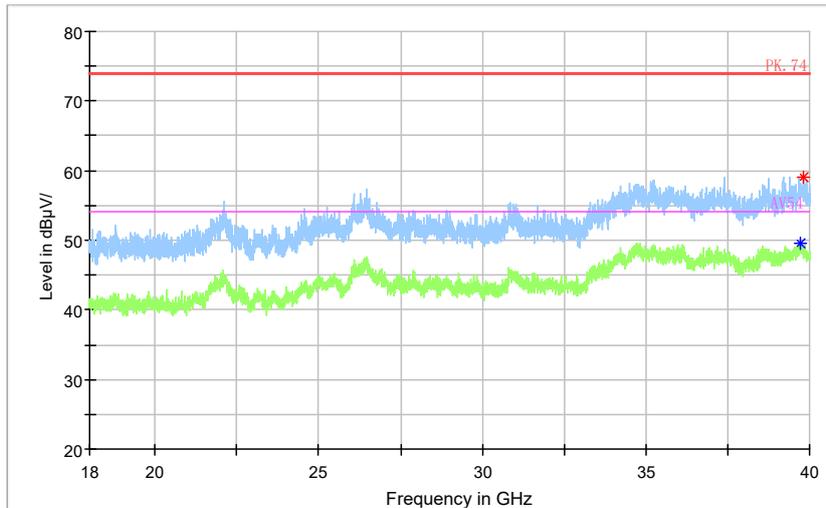
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

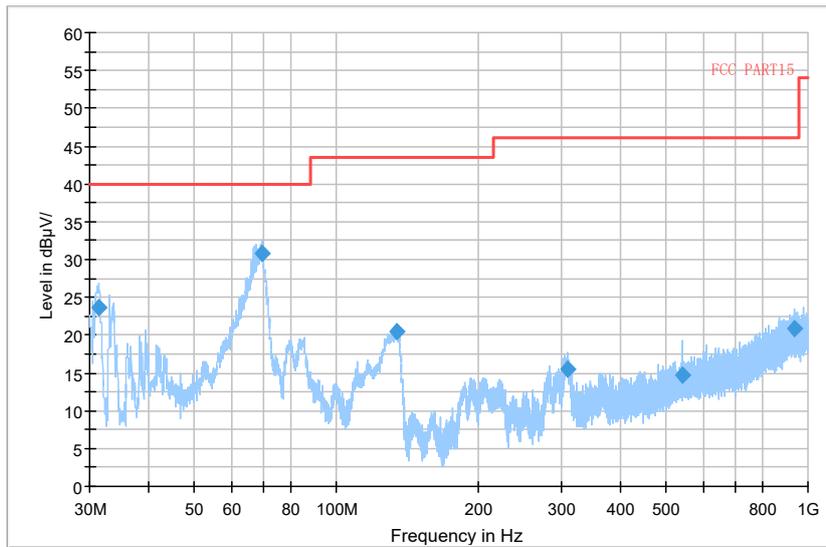
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- PK.74
- \* Critical\_Freqs AVG
- ◆ Final\_Result PK+
- ◆ Final\_Result AVG
- AV54

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

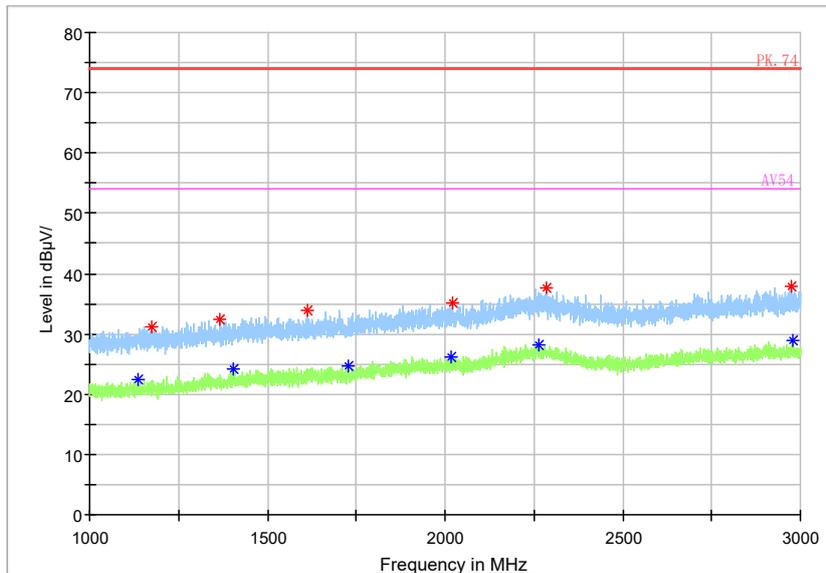
Full Spectrum



— Preview Result 1-PK+    — FCC PART15    ◆ Final\_Result QPK

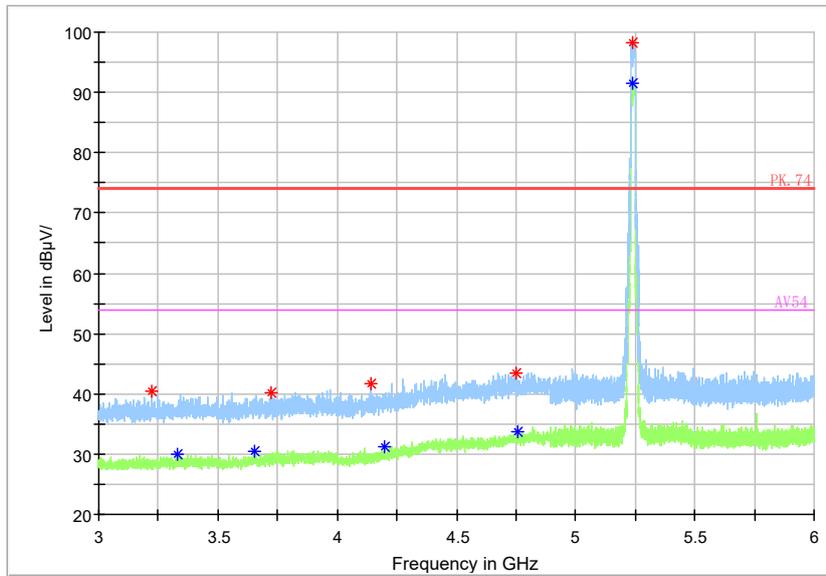
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



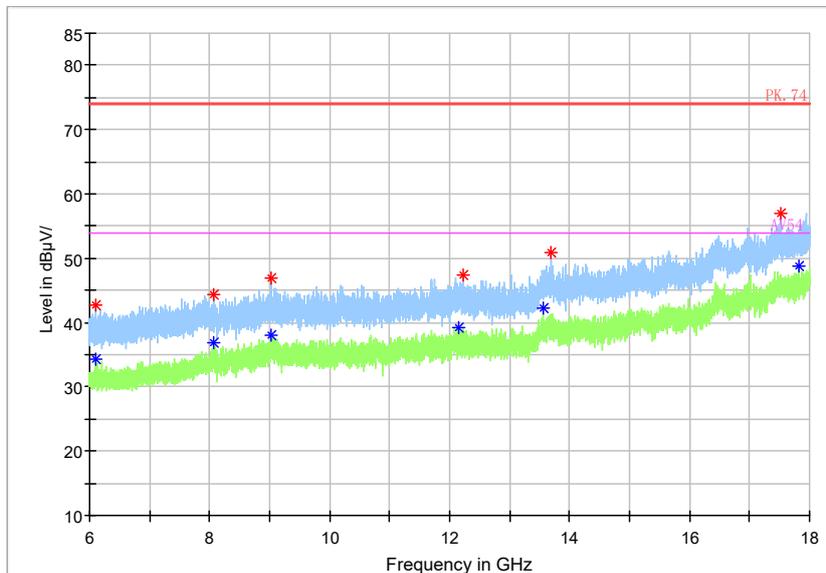
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



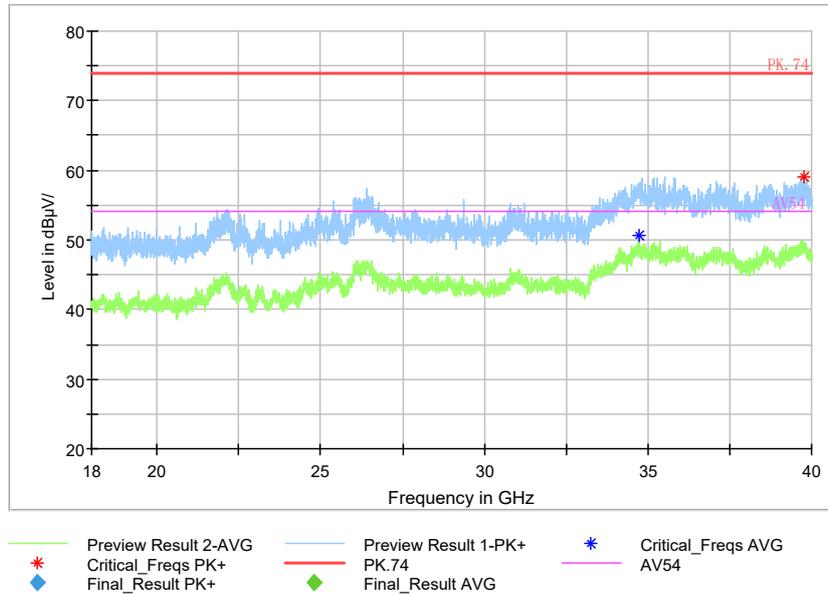
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



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

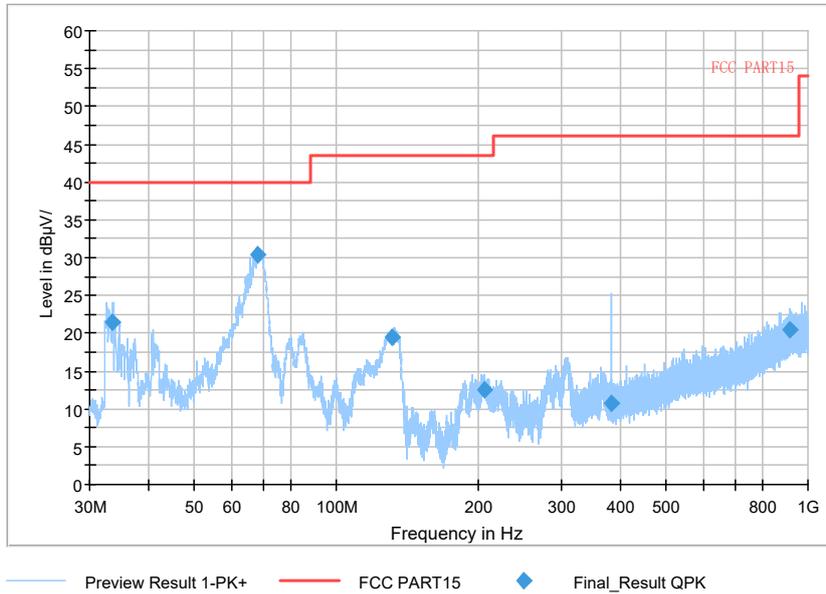
Full Spectrum



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

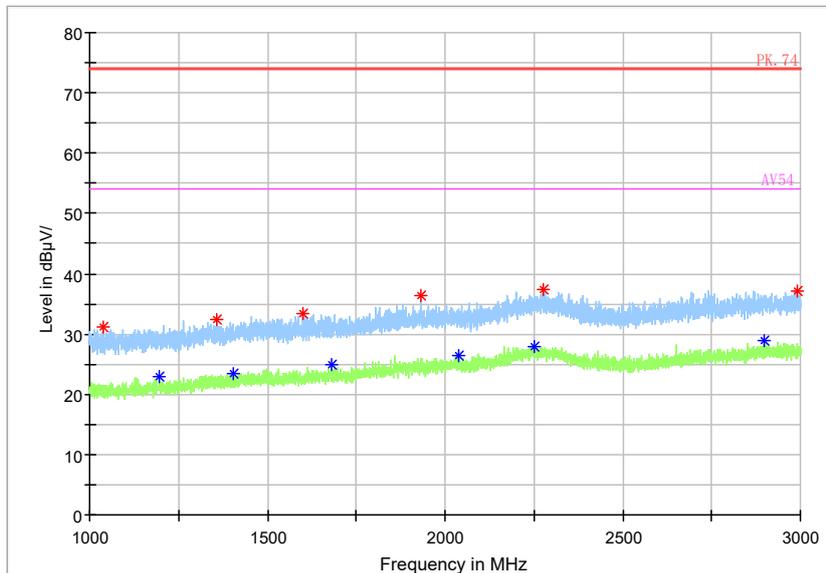
Carrier frequency (MHz): 5190  
 Channel No.:38

Full Spectrum



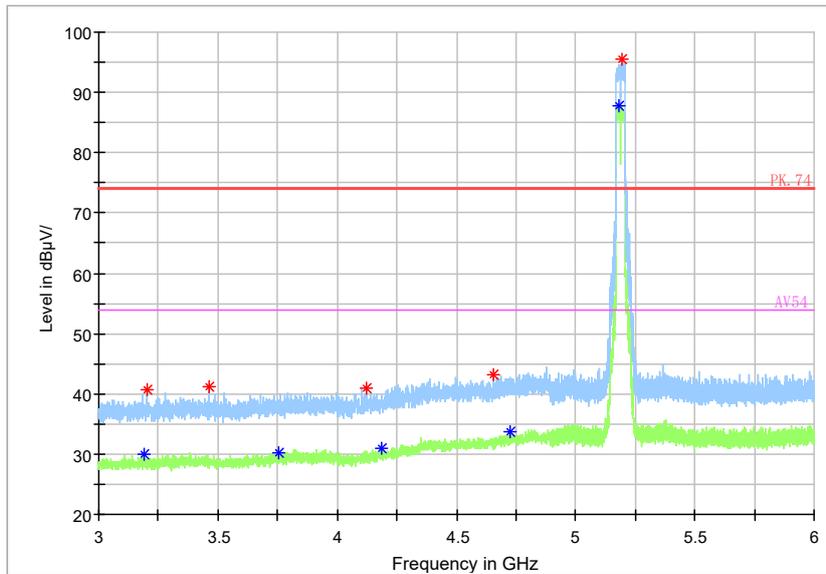
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11n(HT40)

Full Spectrum



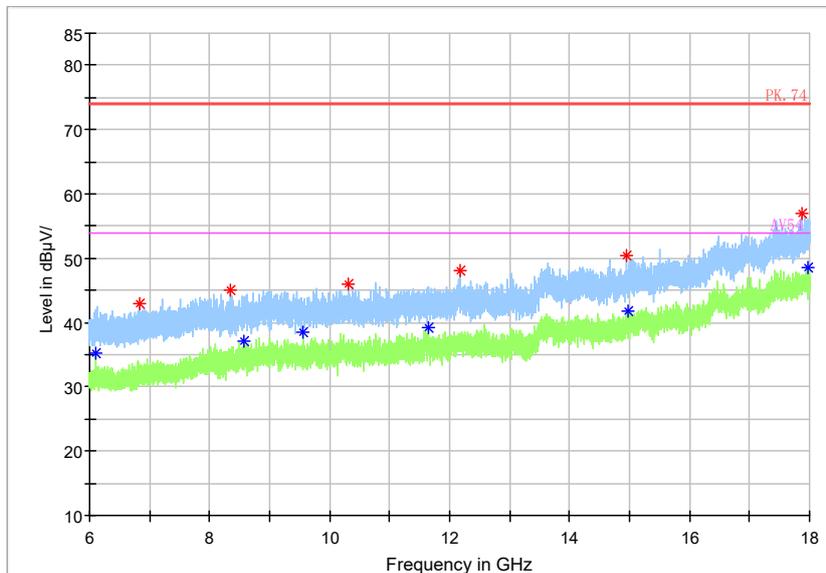
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



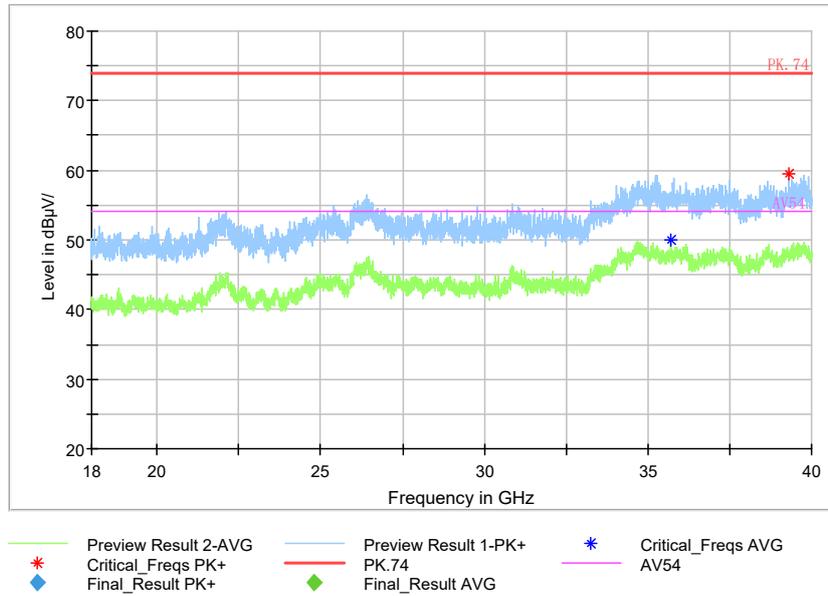
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



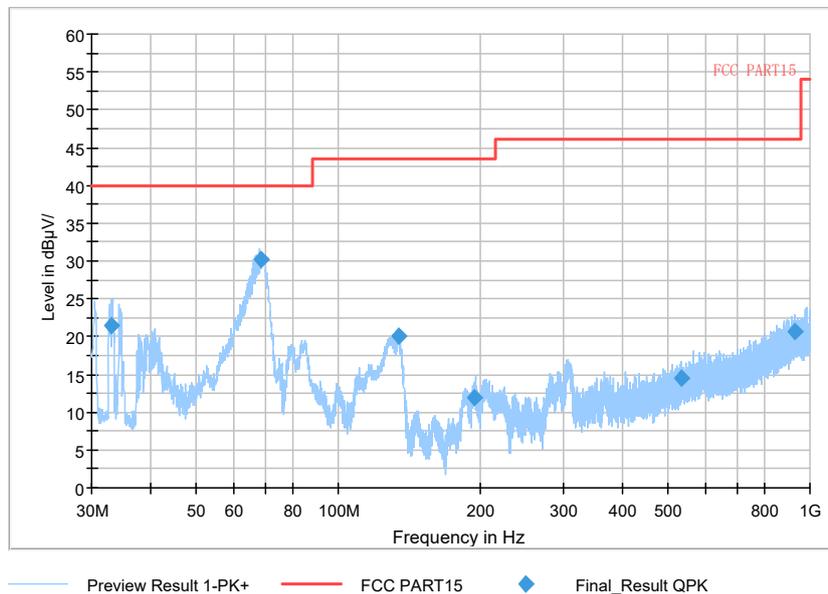
Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



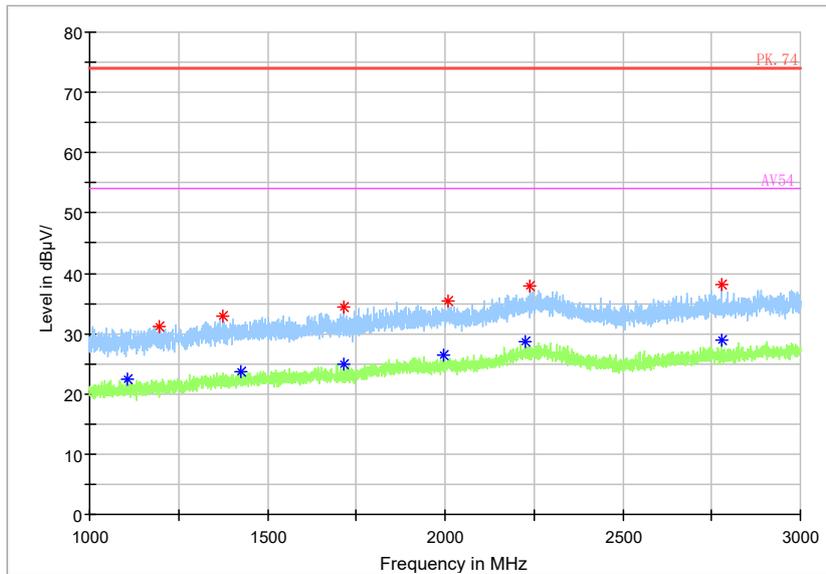
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



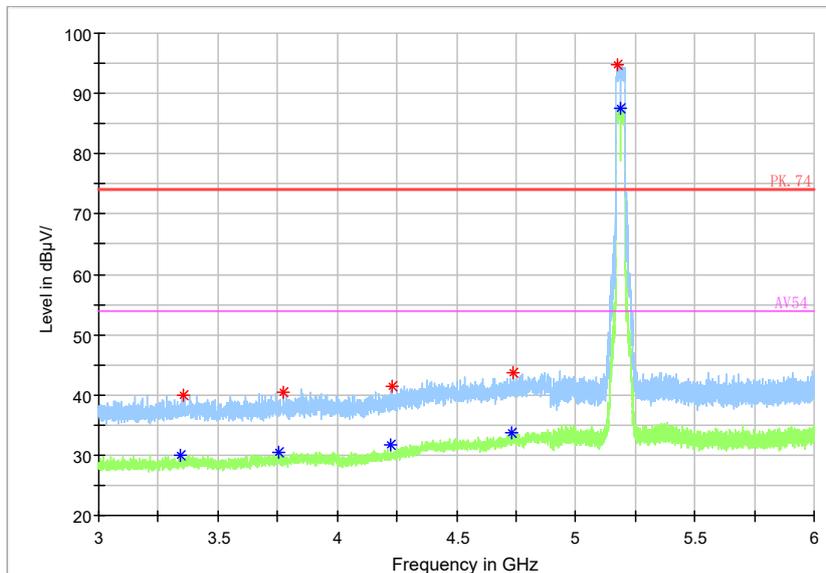
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



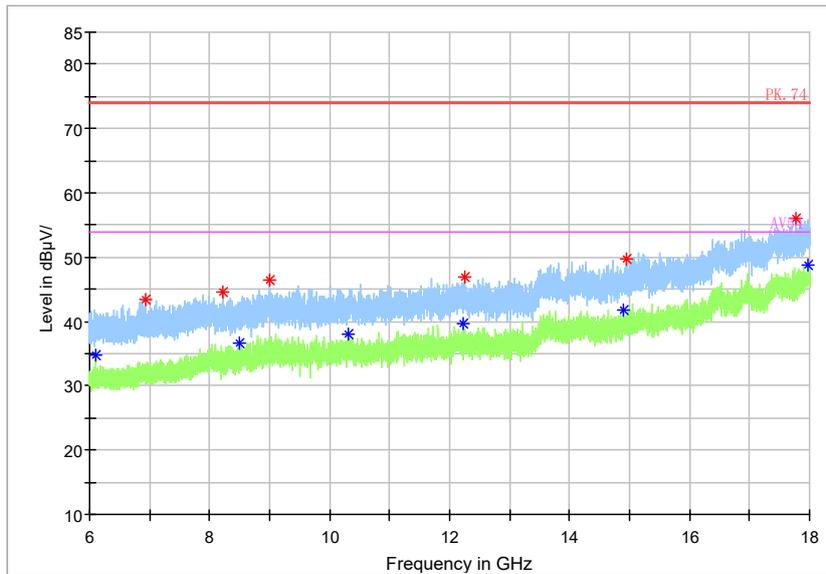
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT40)

Full Spectrum



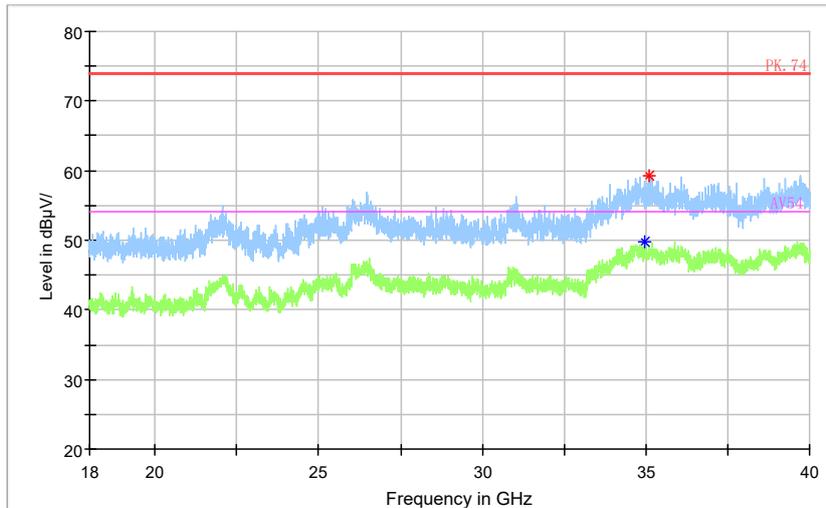
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT40)

Full Spectrum



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

Full Spectrum

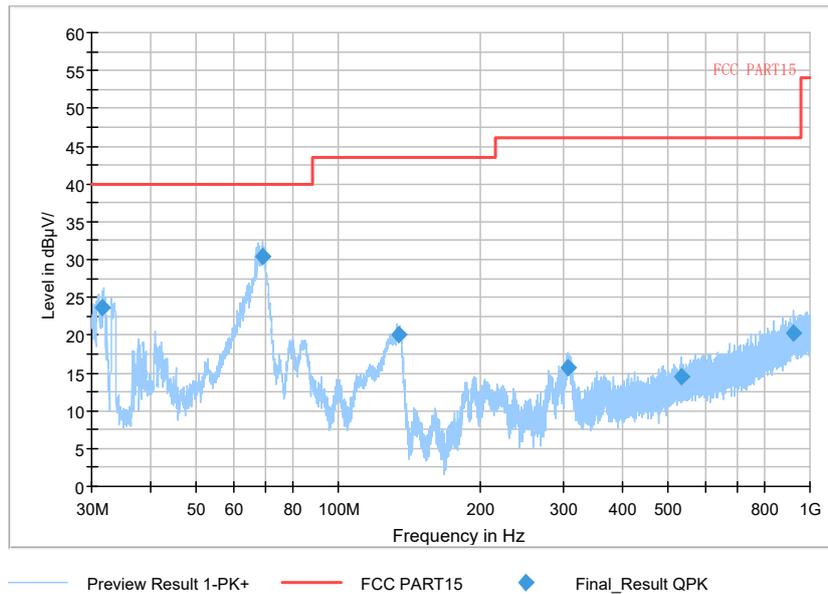


- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- PK.74
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- AV54

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

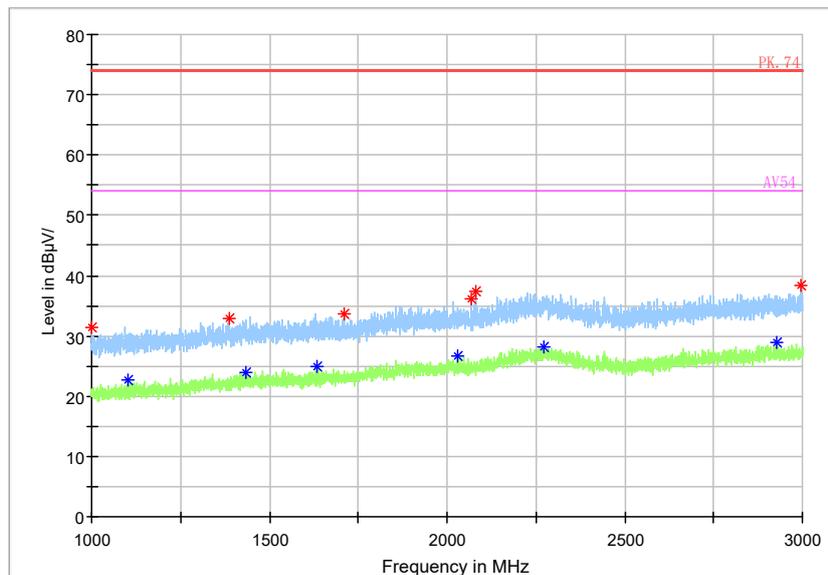
Carrier frequency (MHz): 5230  
Channel No.:46

Full Spectrum



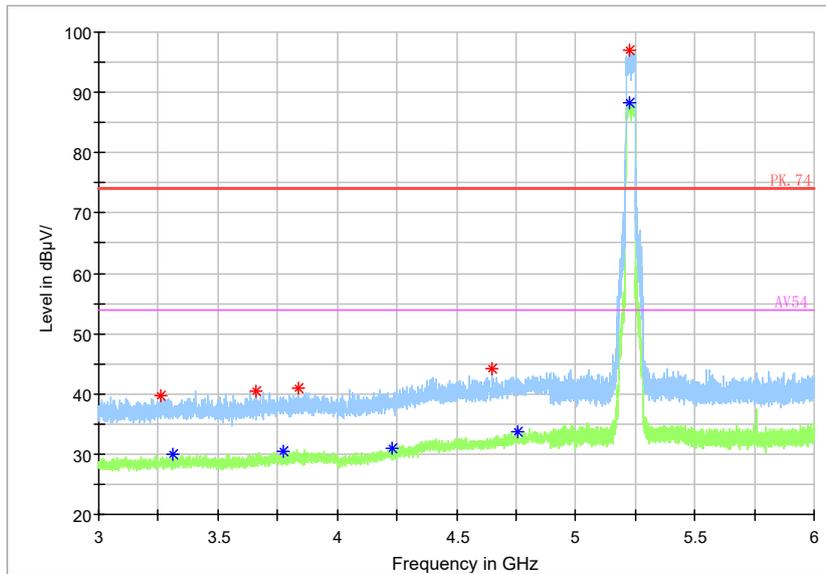
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11n(HT40)

Full Spectrum



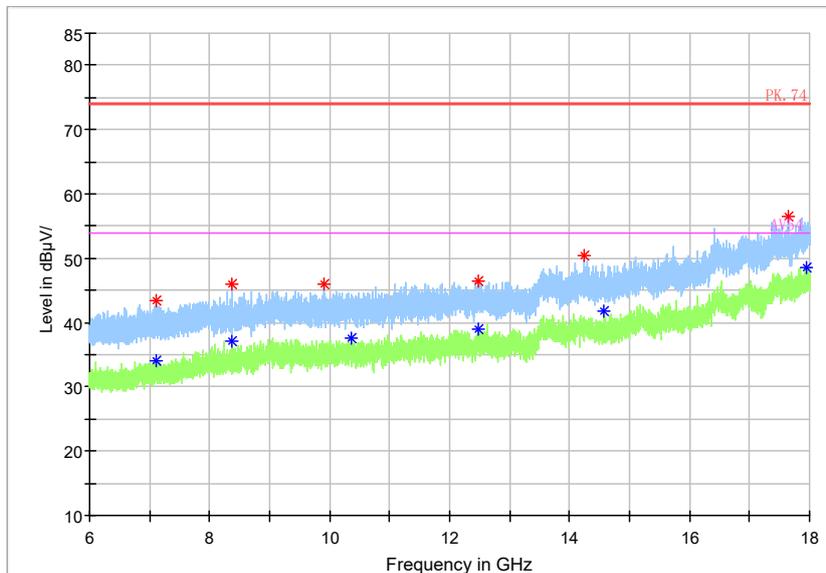
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



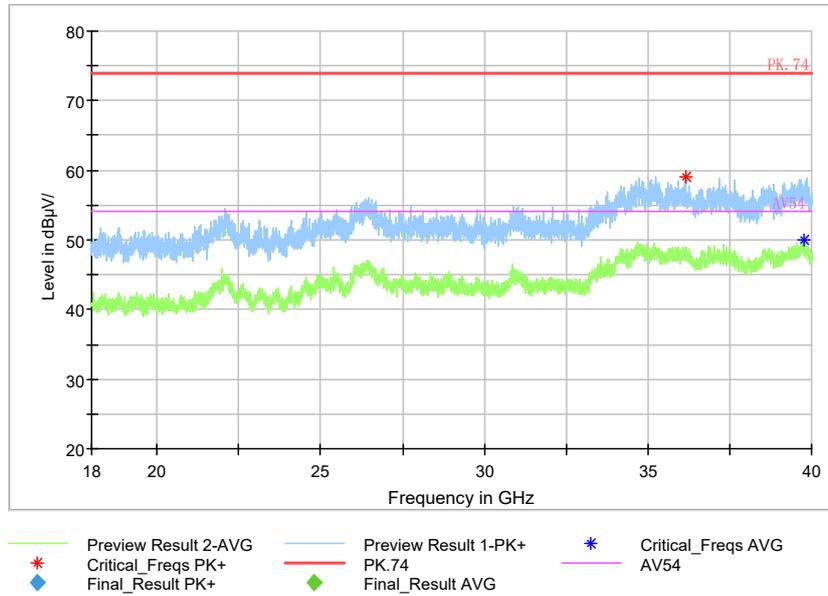
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



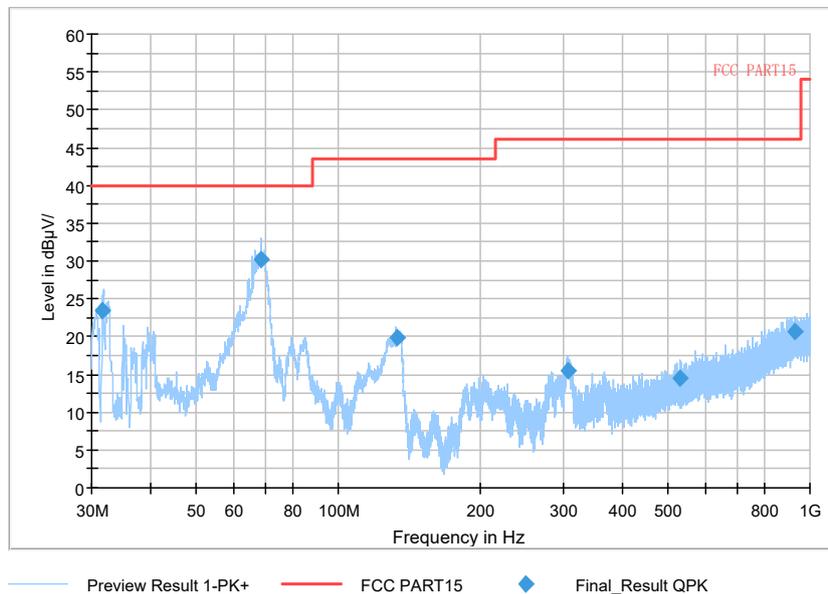
Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



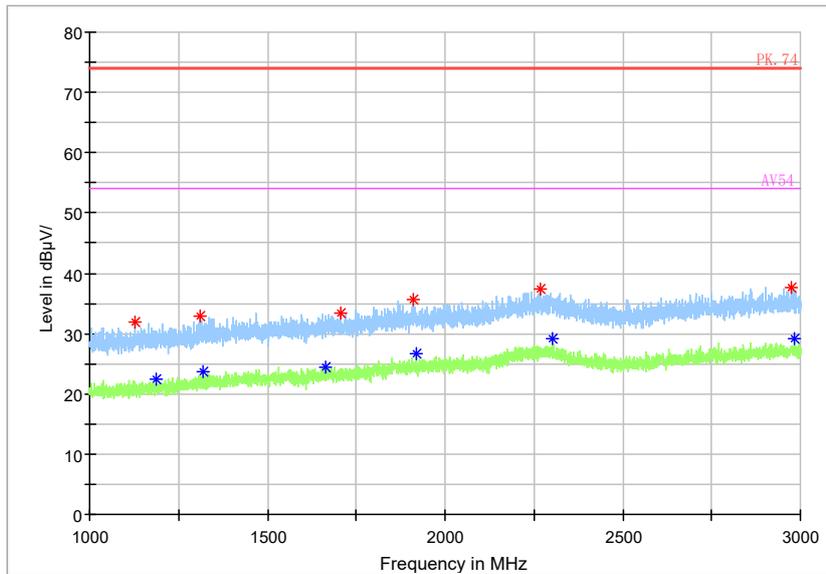
Frequency Range: 18GHz -40GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



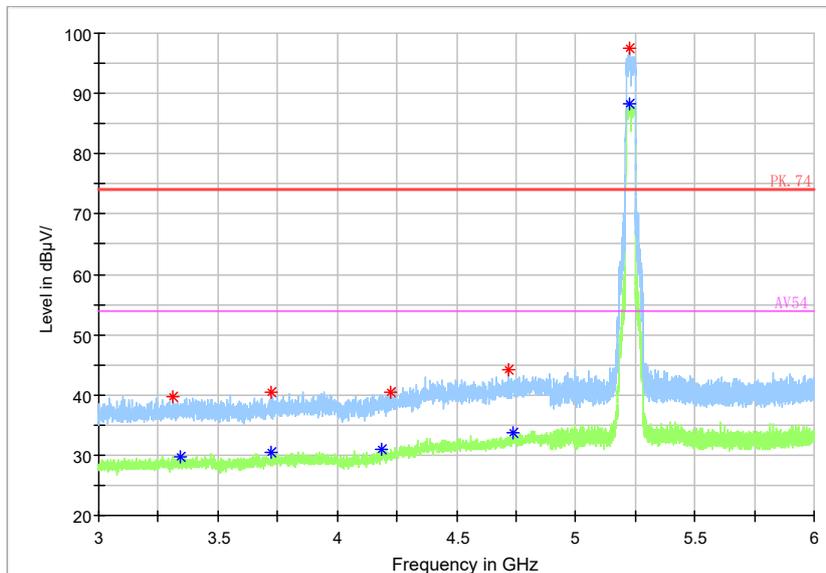
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11ac(VHT40)

Full Spectrum



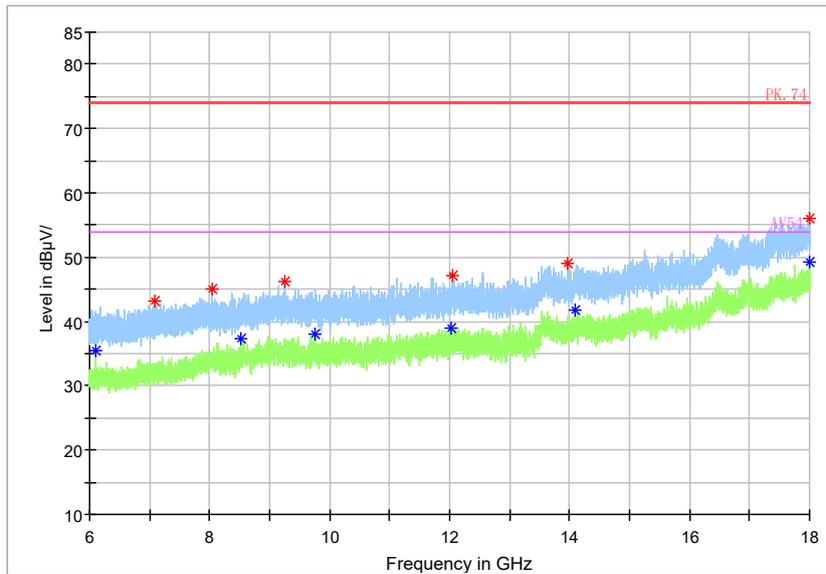
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT40)

Full Spectrum



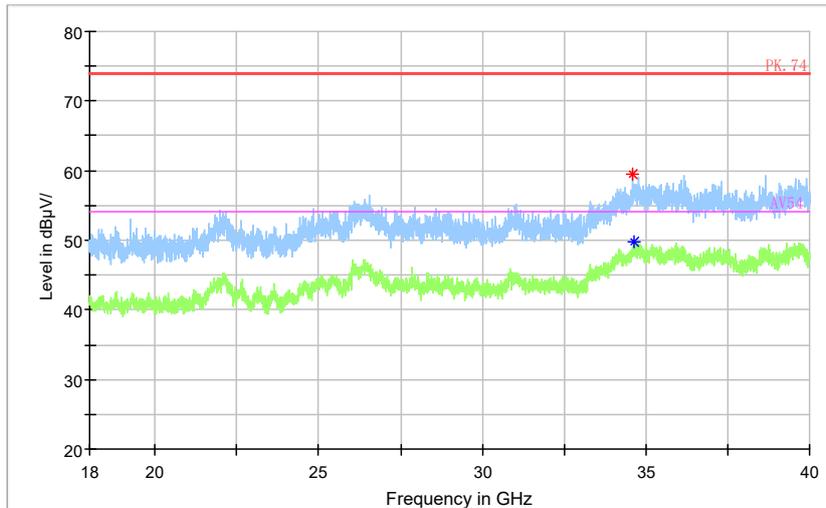
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT40)

Full Spectrum



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

Full Spectrum

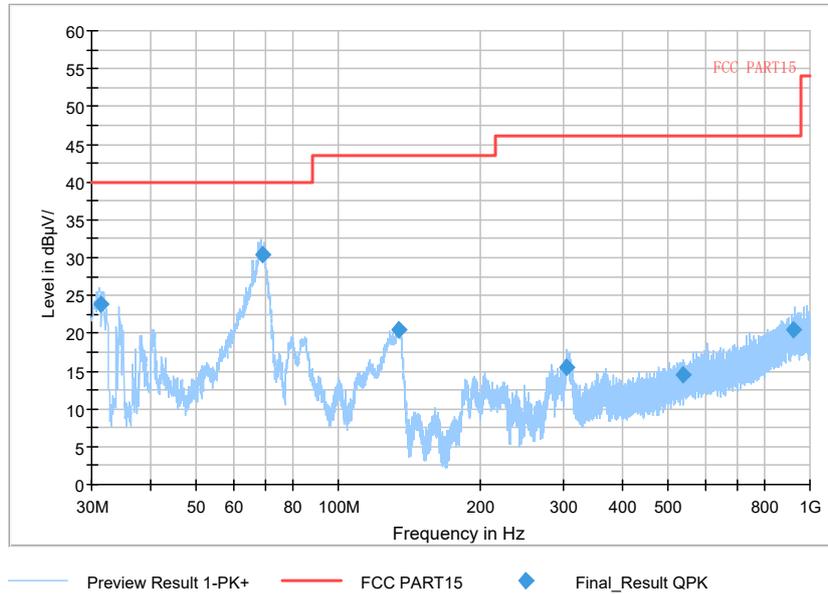


- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- PK.74
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- AV54

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

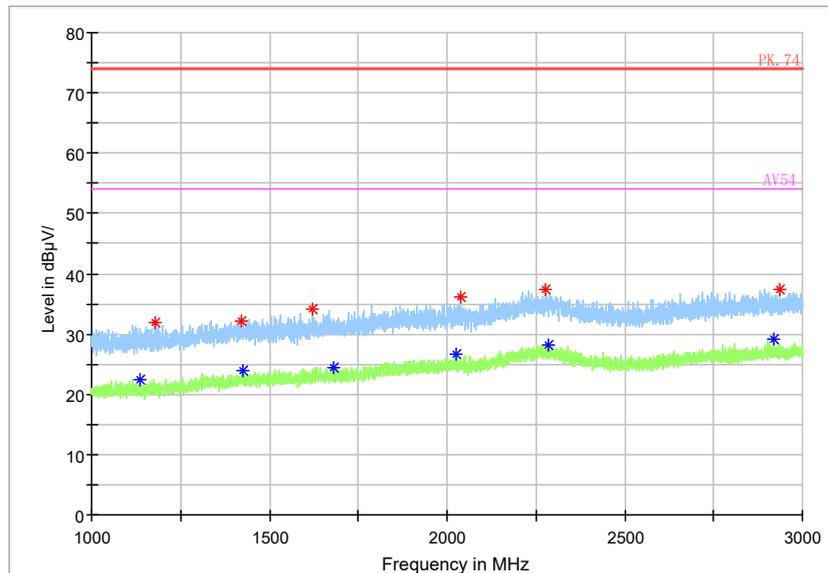
Carrier frequency (MHz): 5210  
 Channel No.:42

Full Spectrum



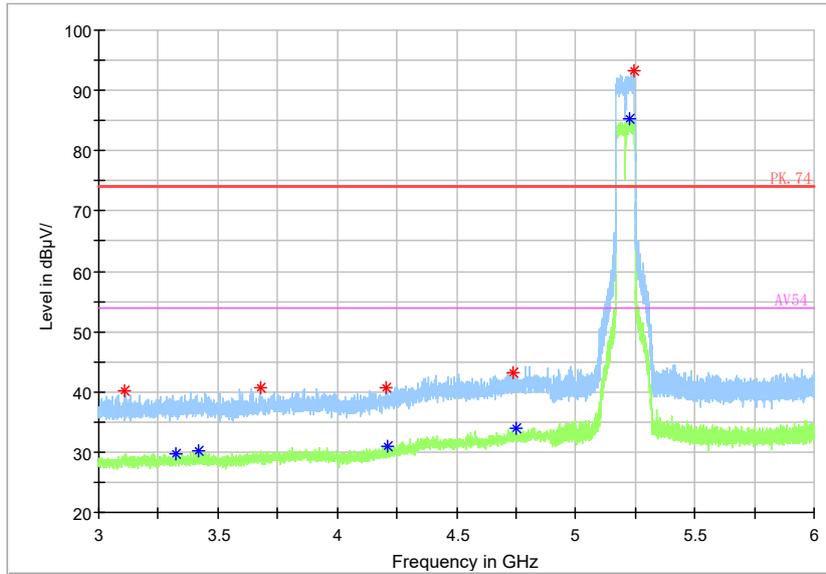
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11ac(VHT80)

Full Spectrum



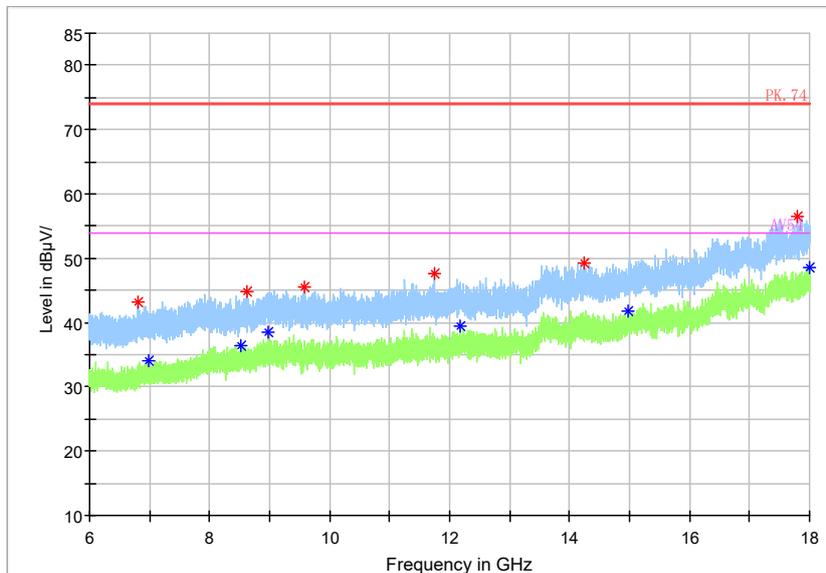
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT80)

Full Spectrum



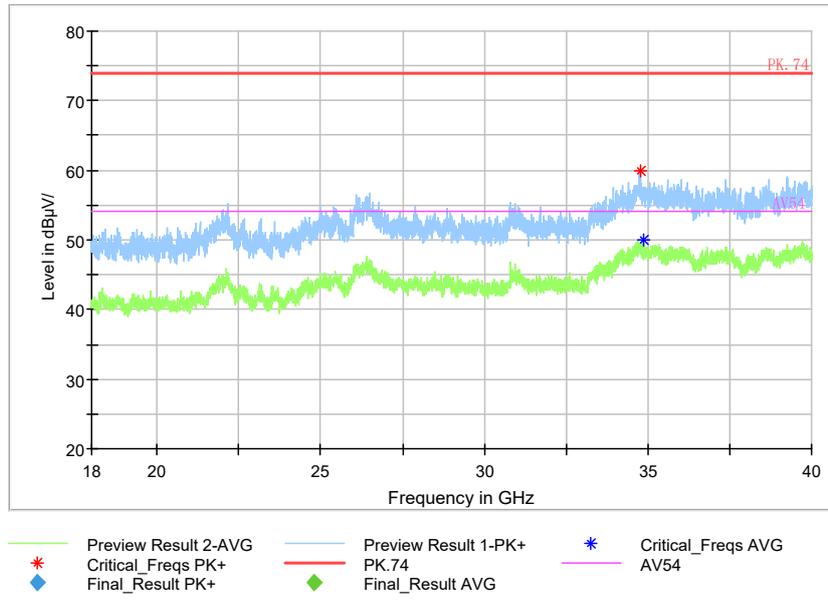
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT80)

Full Spectrum



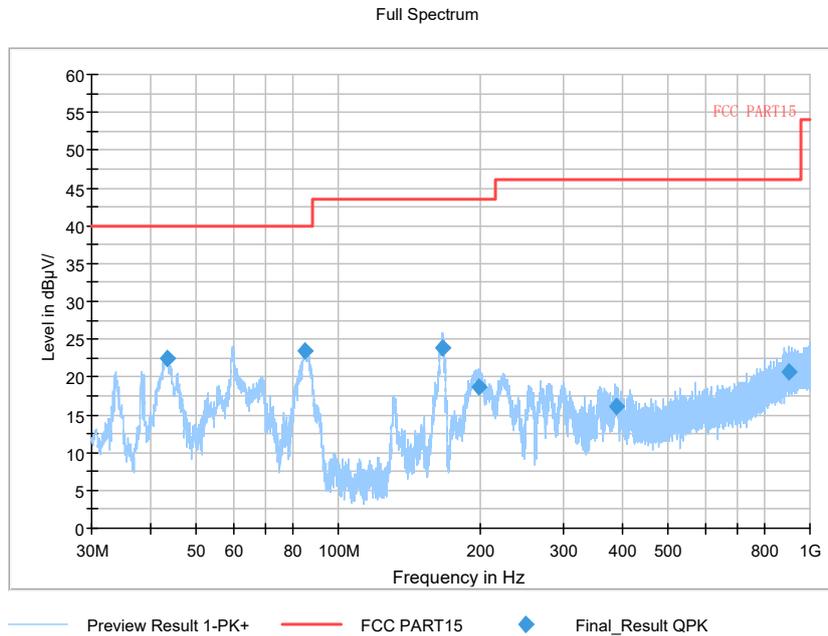
Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT80)

Full Spectrum

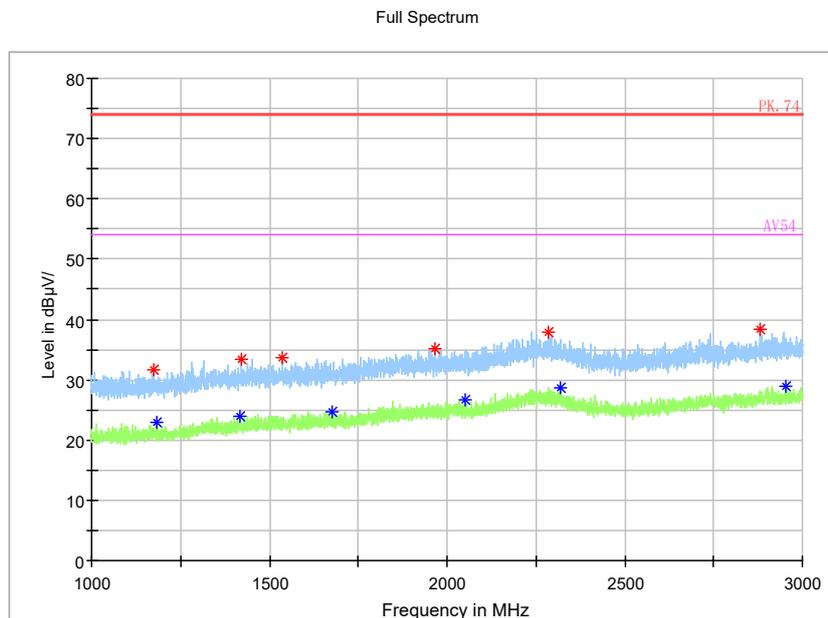


Frequency Range: 18GHz -40GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT80)

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

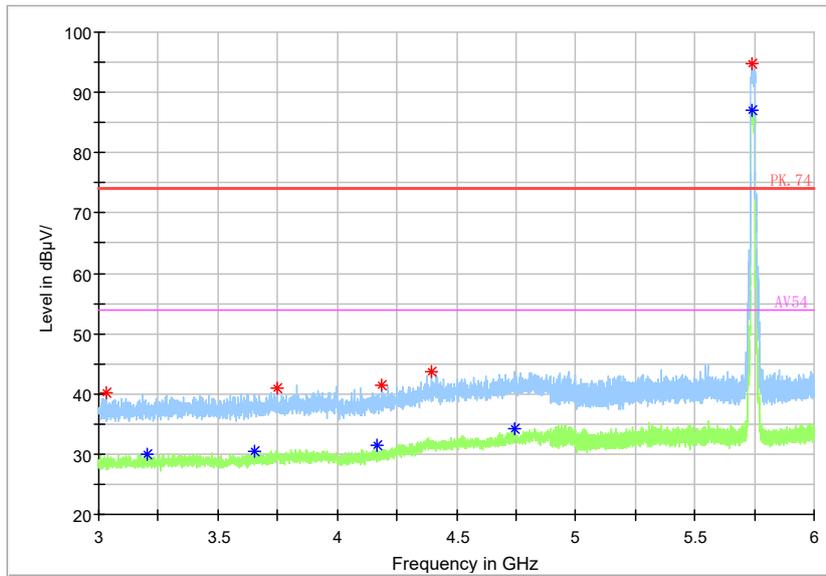


Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a



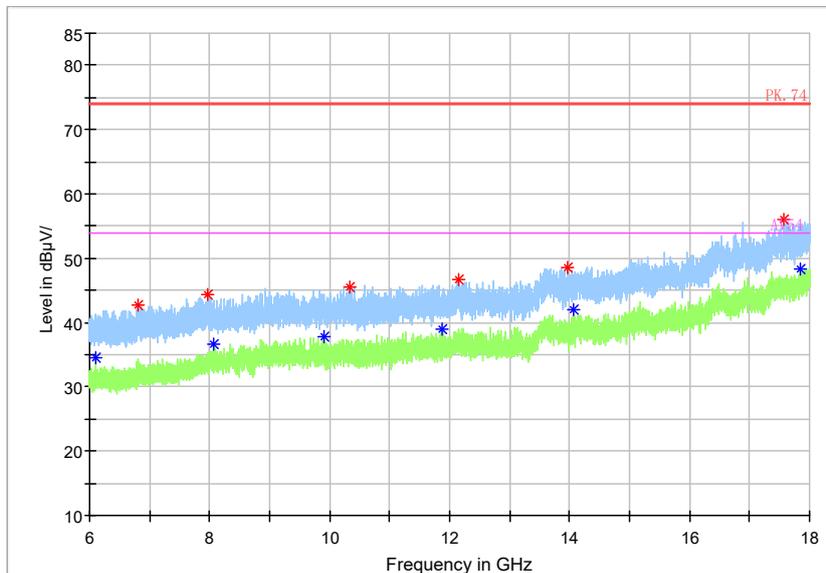
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



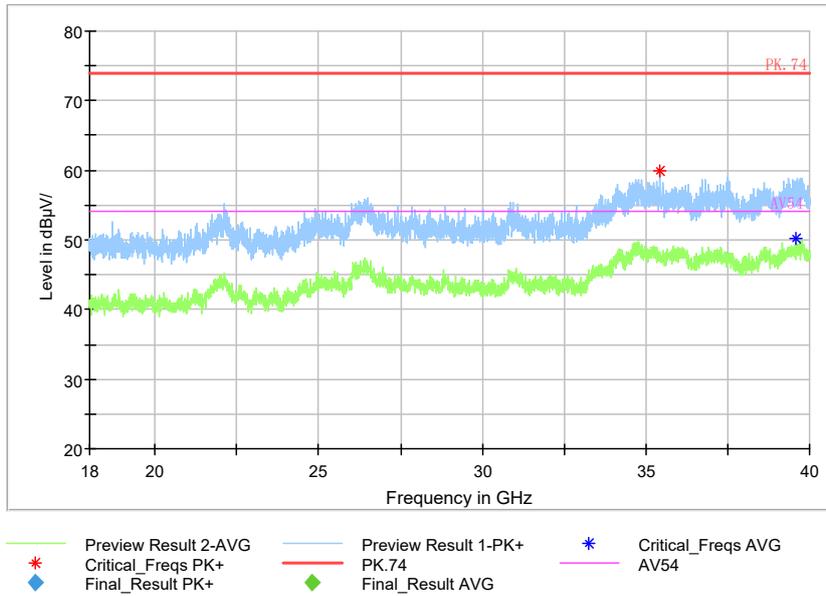
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



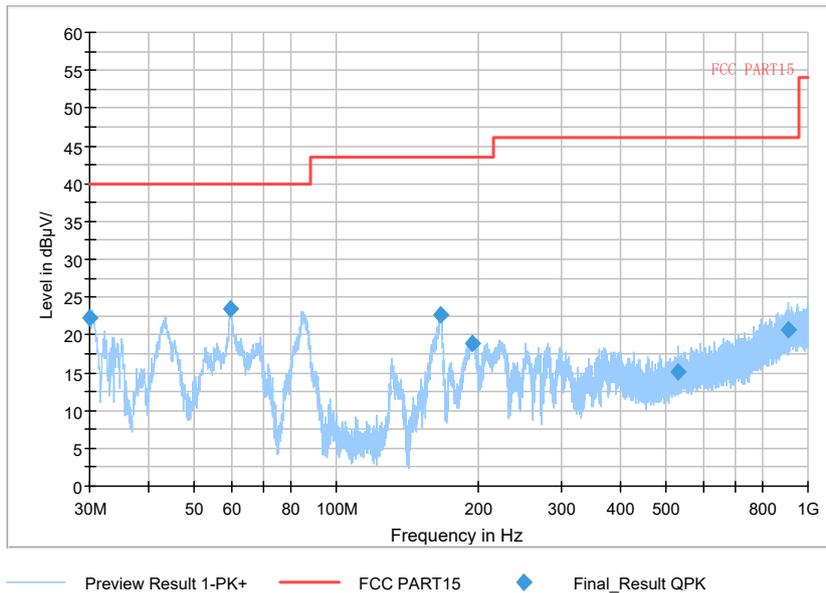
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



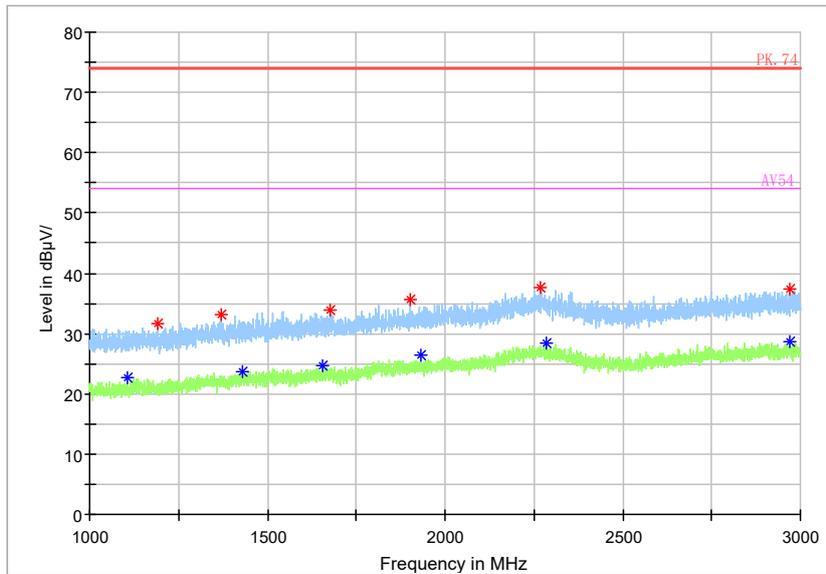
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



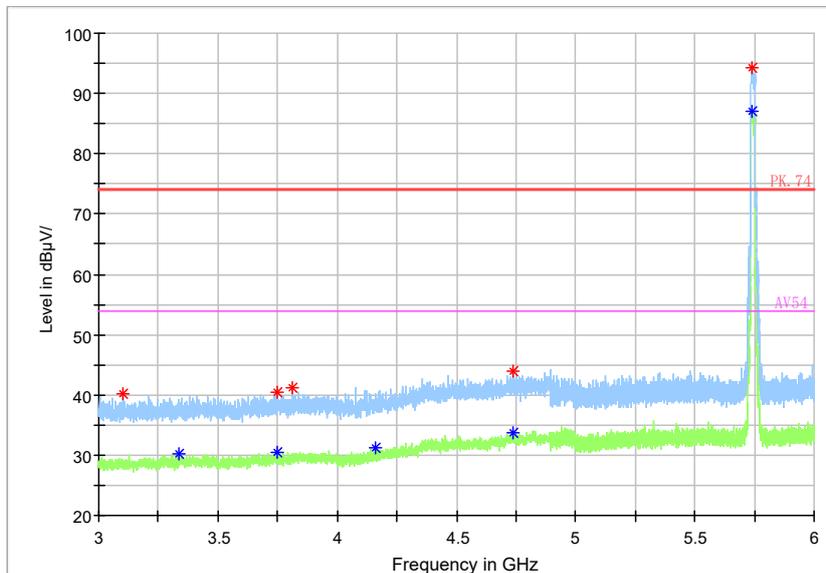
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



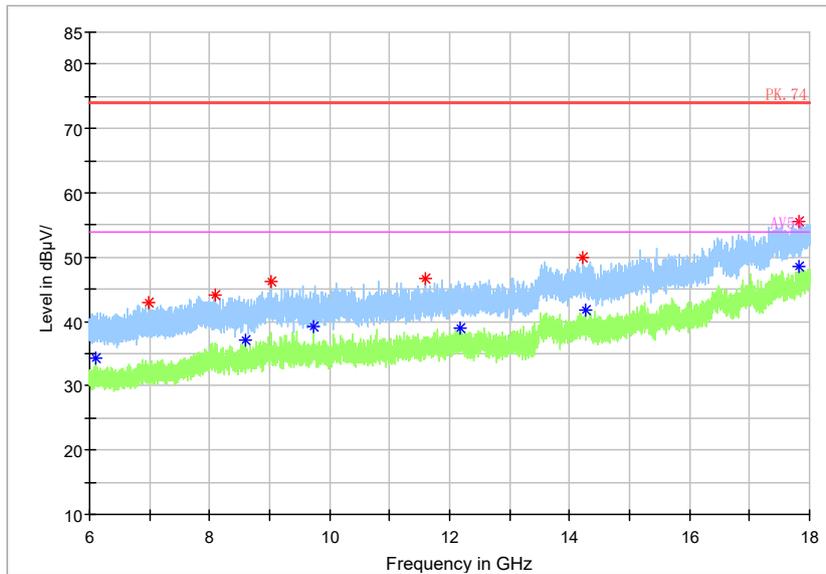
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



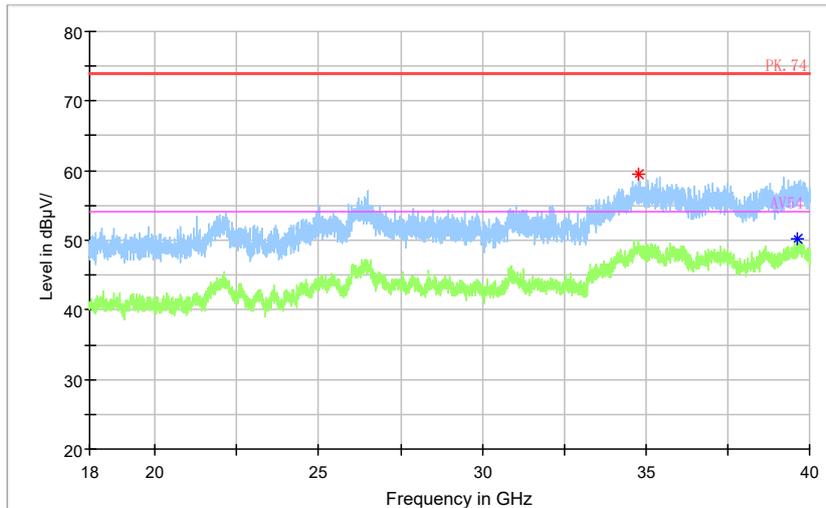
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

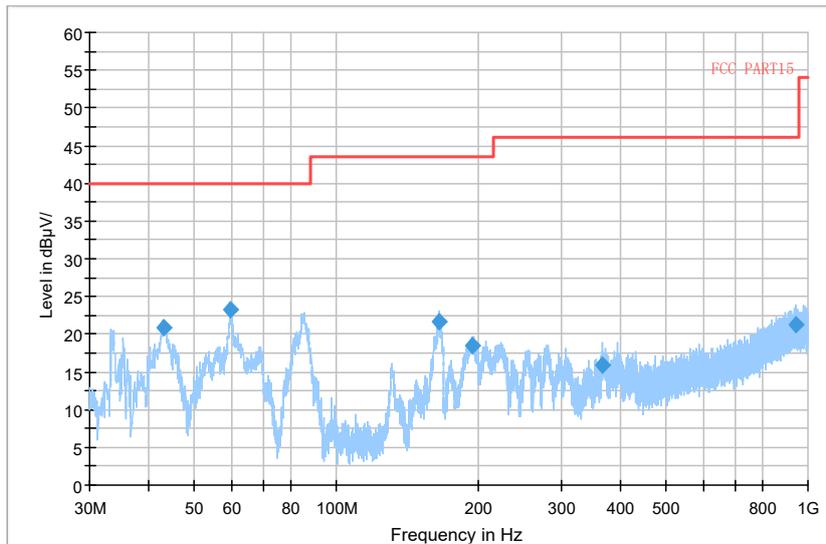
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs 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)

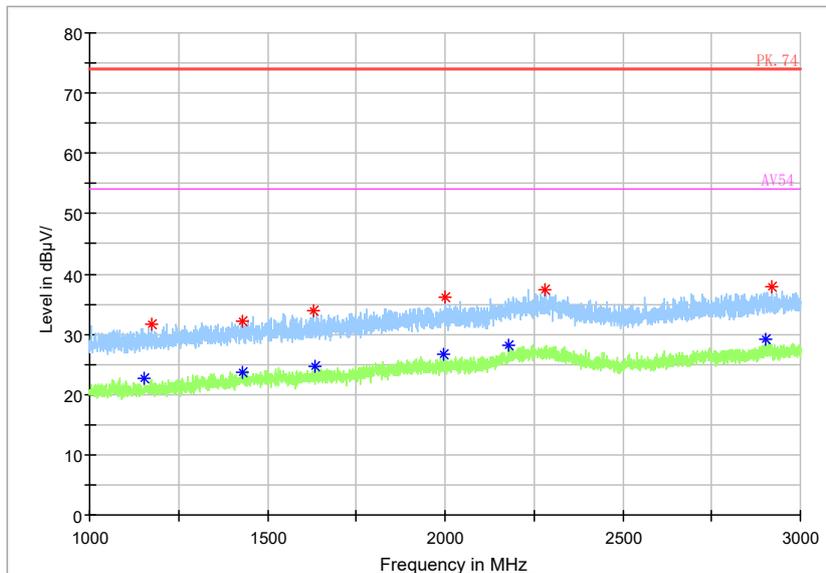
Full Spectrum



— Preview Result 1-PK+    — FCC PART15    ◆ Final\_Result QPK

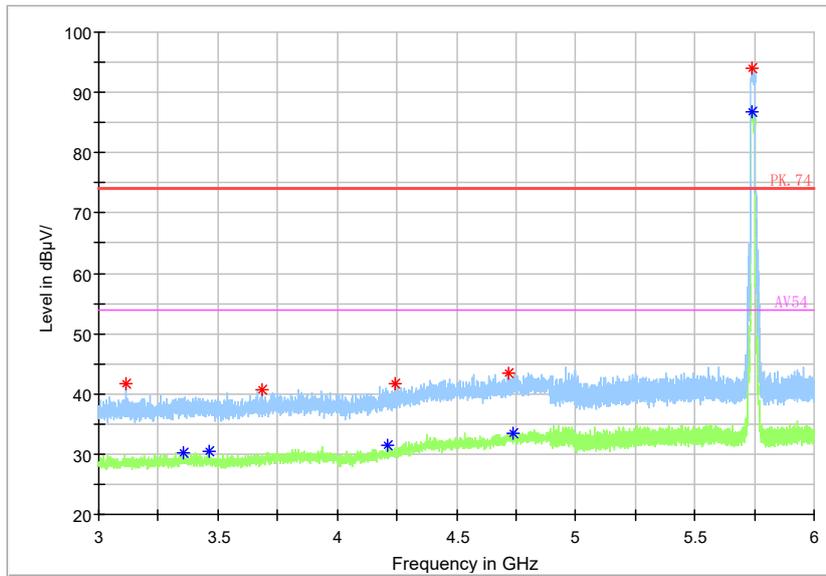
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



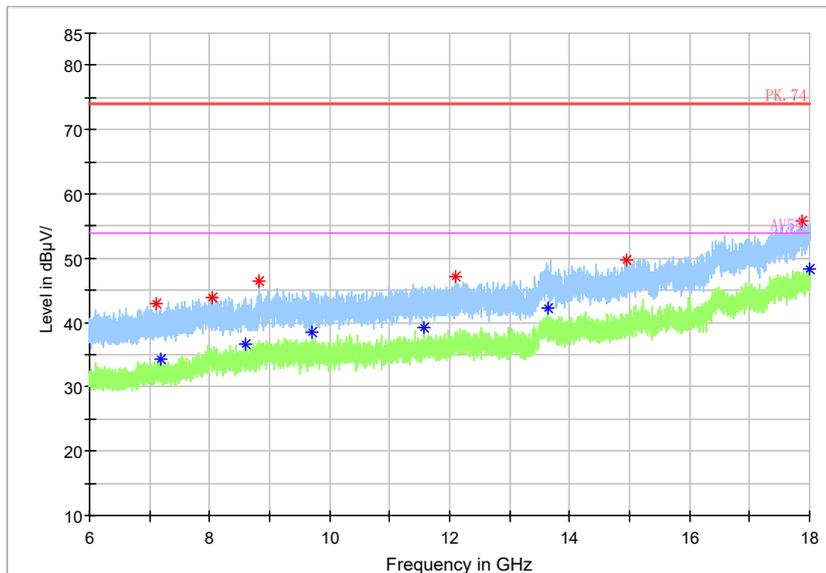
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



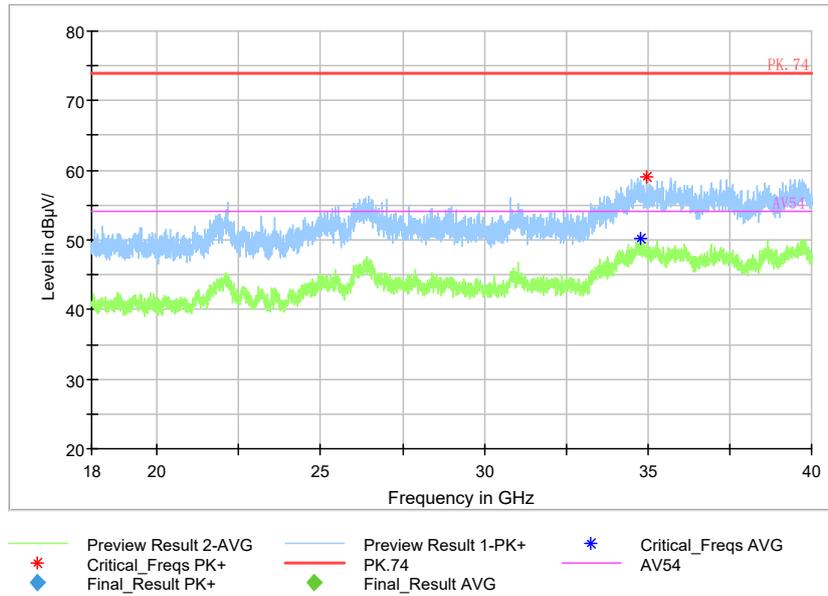
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



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

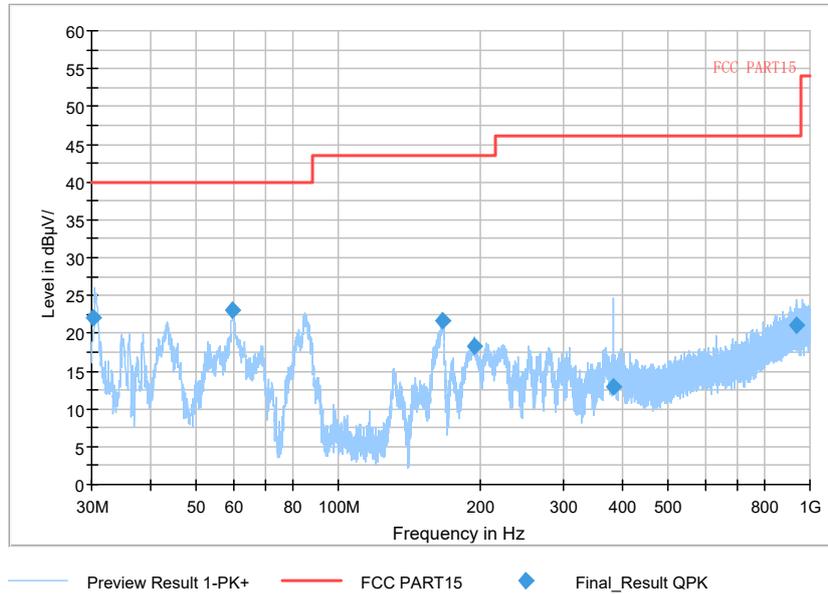
Full Spectrum



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

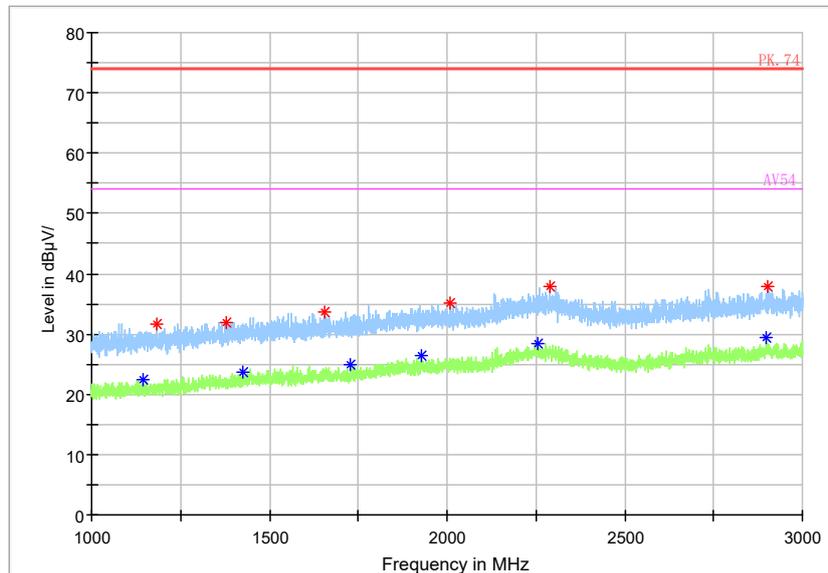
Carrier frequency (MHz): 5785  
 Channel No.:157

Full Spectrum



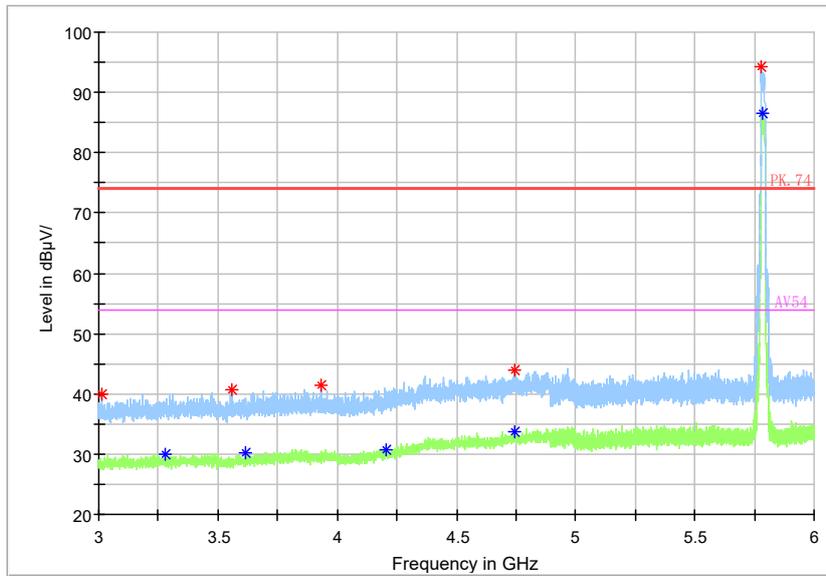
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11a

Full Spectrum



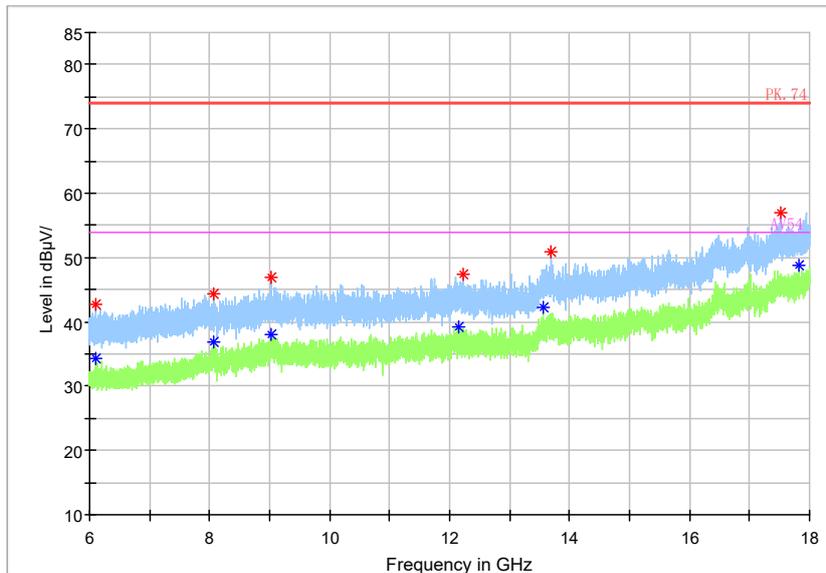
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11a

Full Spectrum



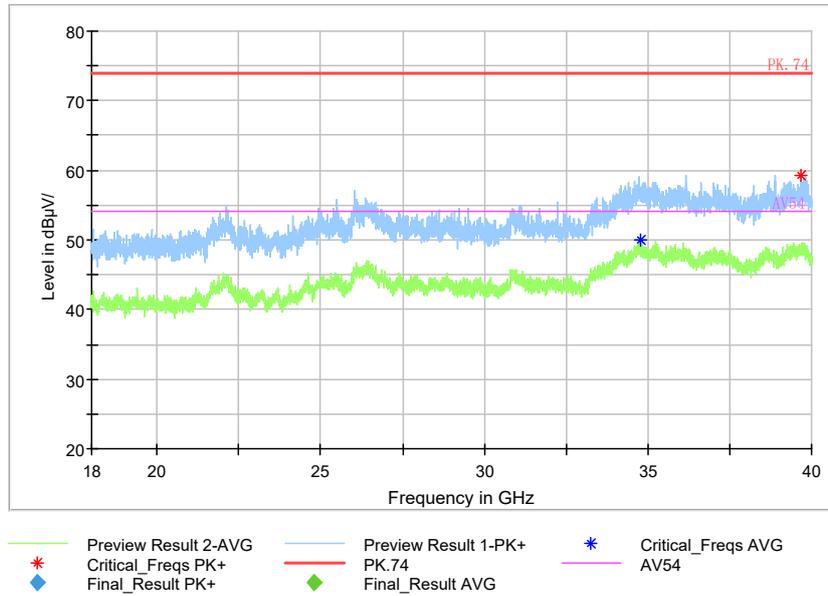
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



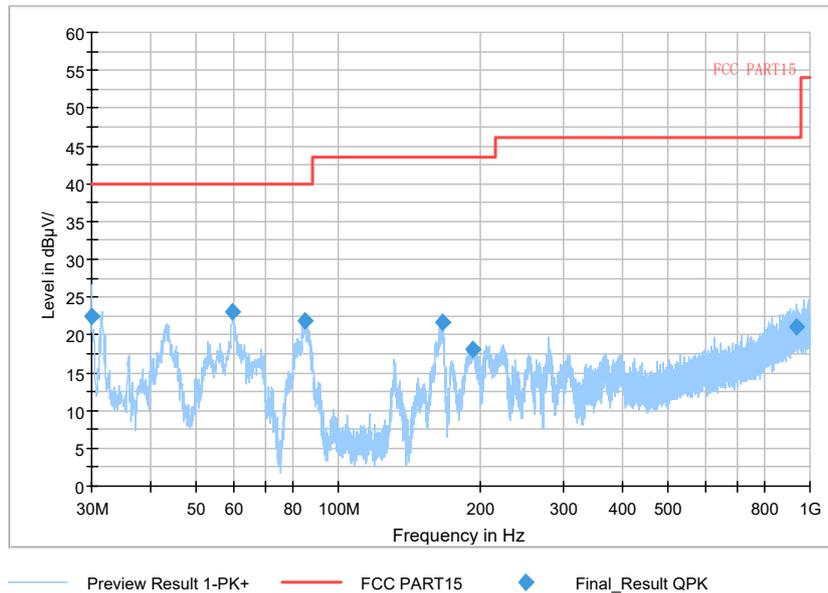
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



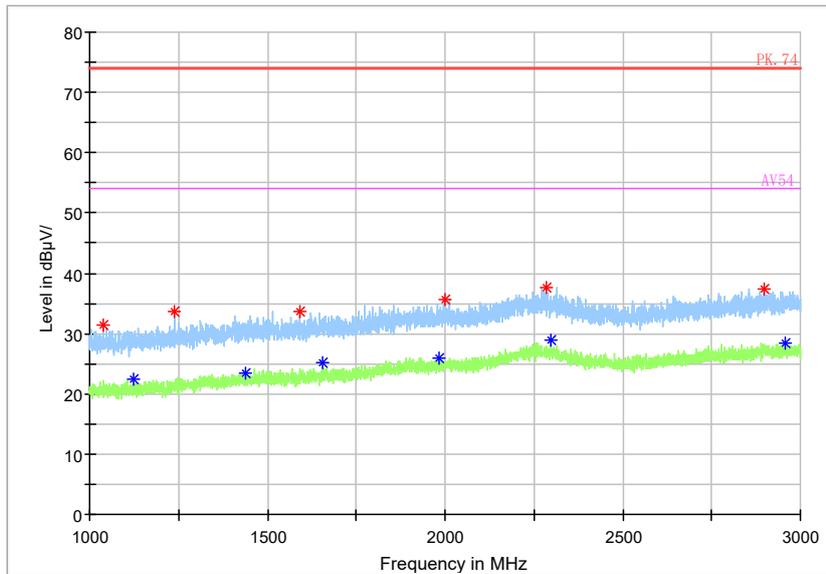
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



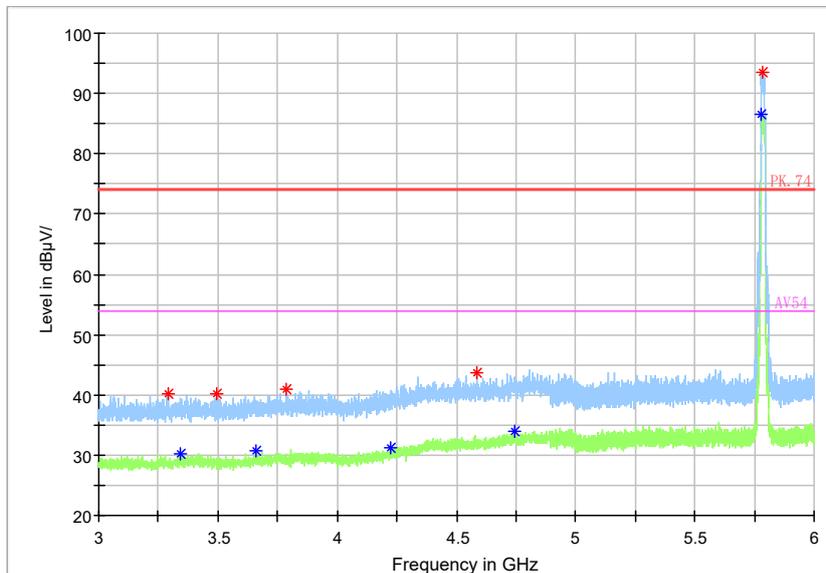
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



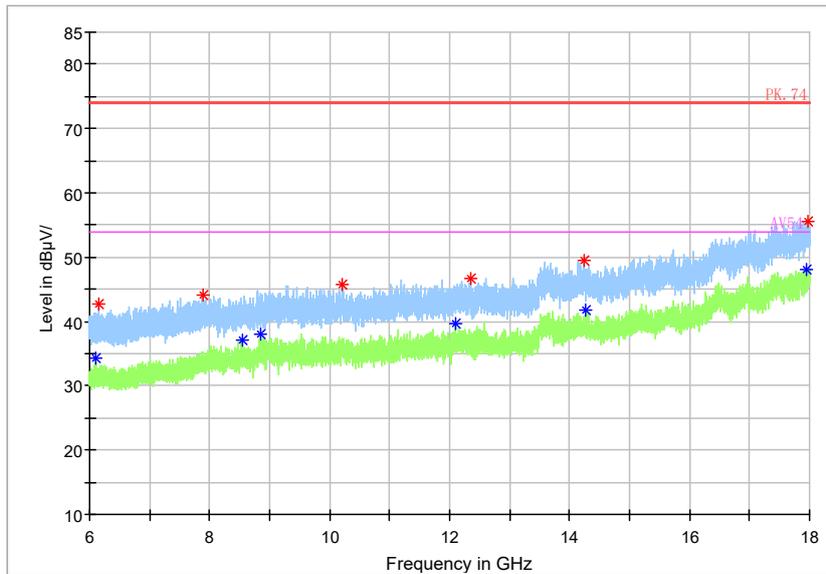
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



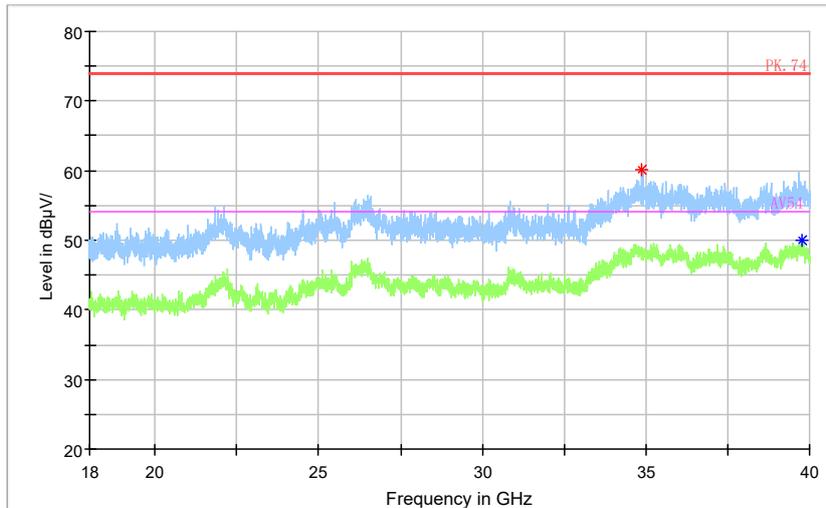
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

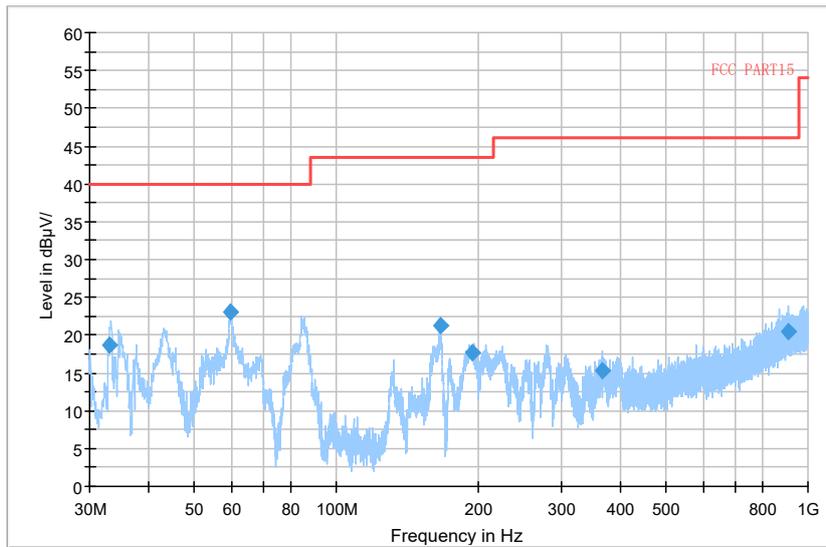
Full Spectrum



- ◆ Preview Result 2-AVG
- ◆ Preview Result 1-PK+
- ◆ Final\_Result PK+
- ◆ Final\_Result AVG
- \* Critical\_Freqs AV54
- \* Critical\_Freqs PK+

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

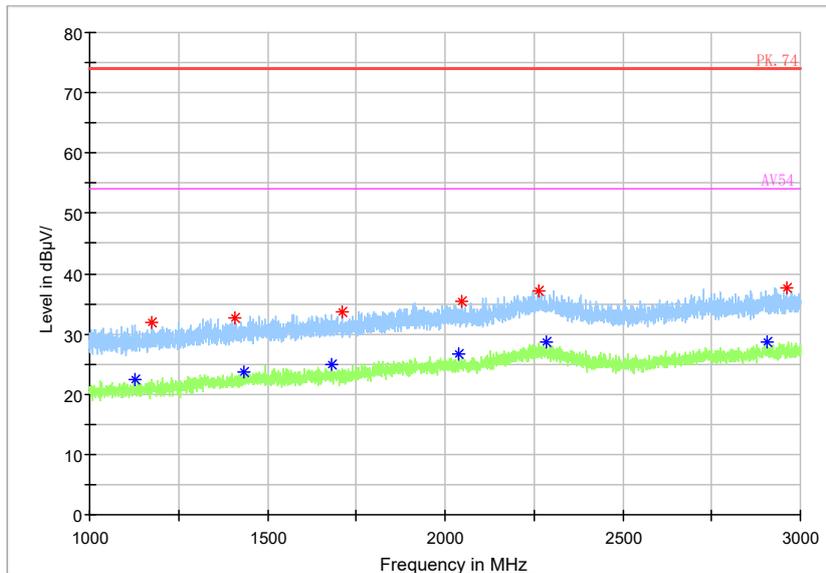
Full Spectrum



— Preview Result 1-PK+    — FCC PART15    ◆ Final\_Result QPK

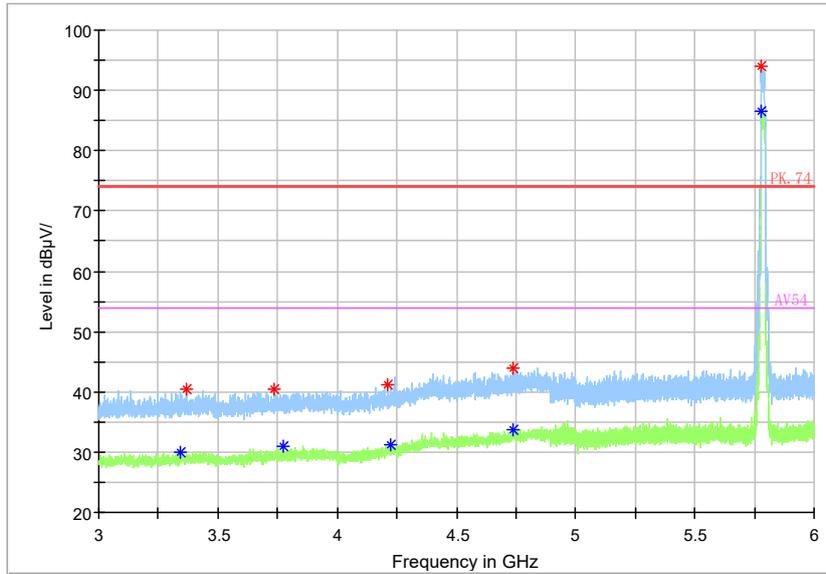
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



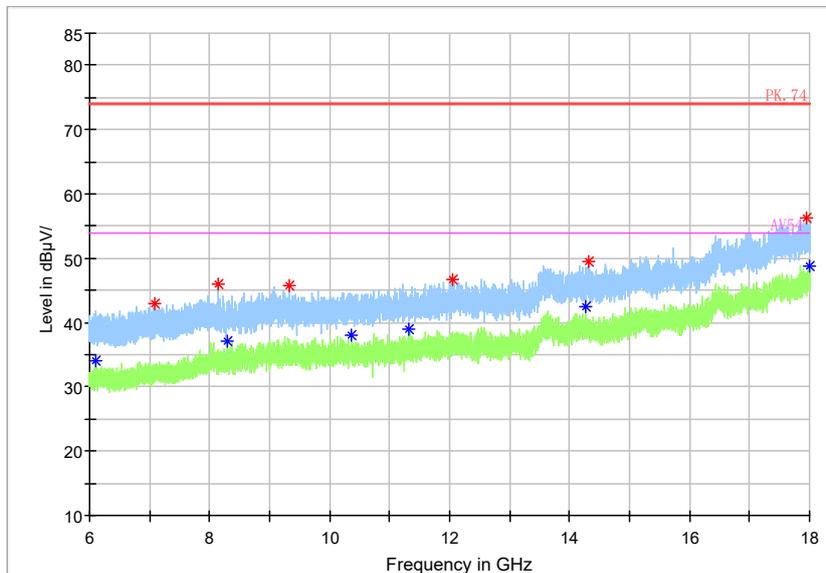
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



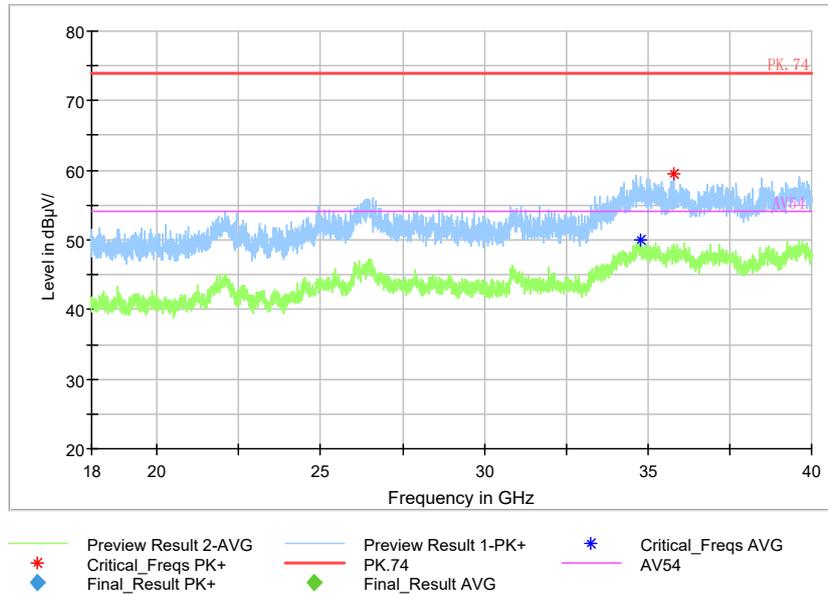
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

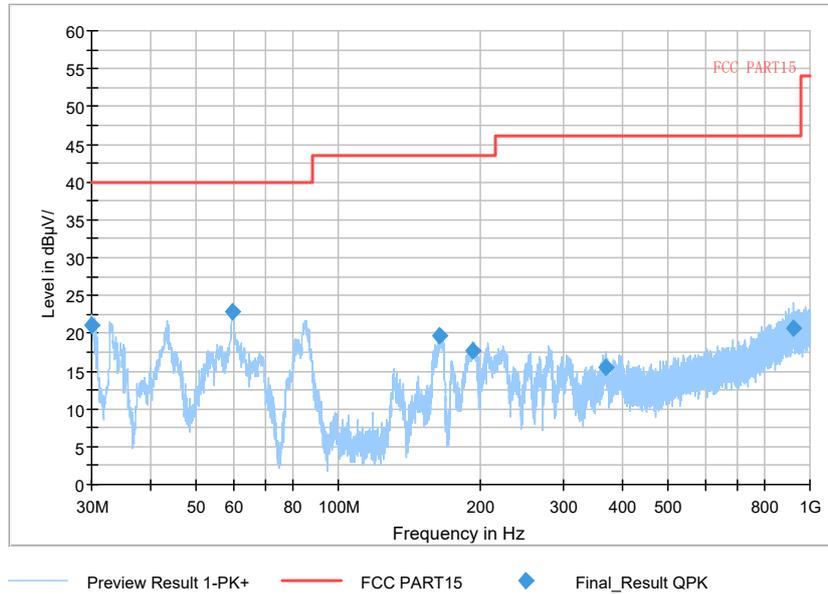
Full Spectrum



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

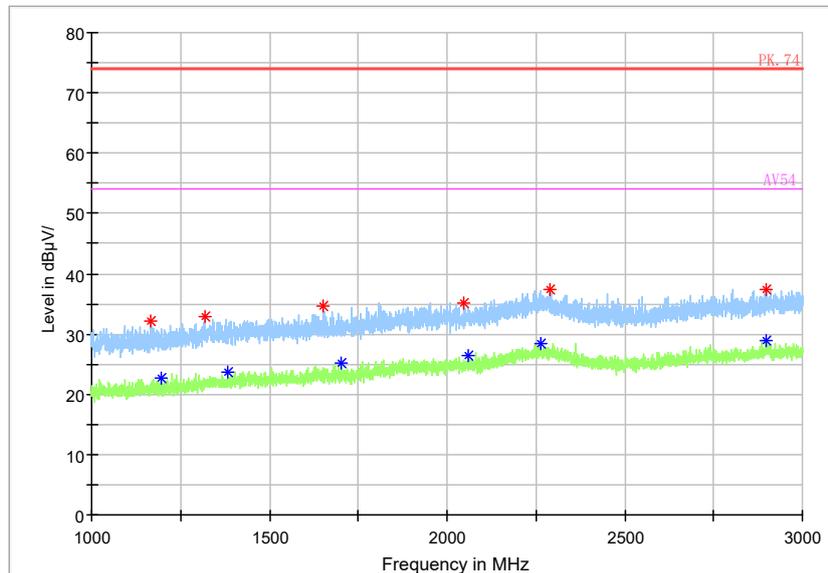
Carrier frequency (MHz): 5825  
Channel No.:165

Full Spectrum



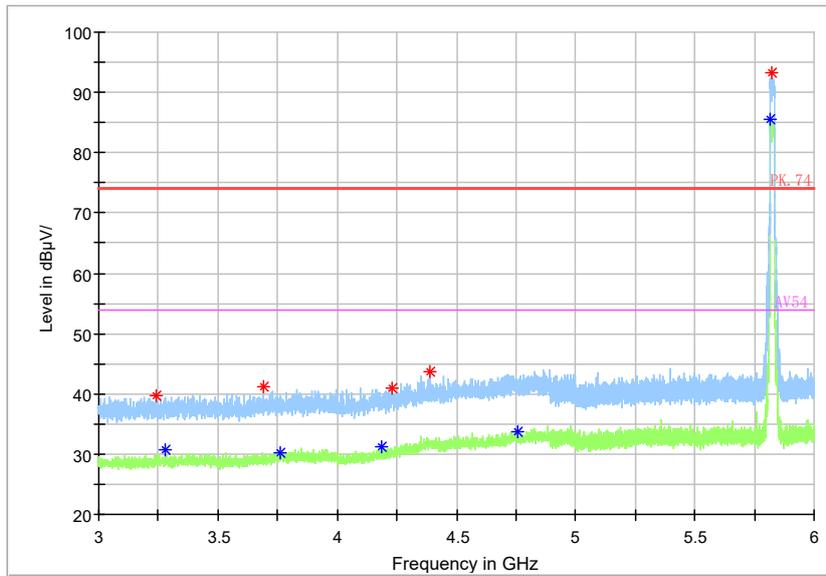
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a

Full Spectrum



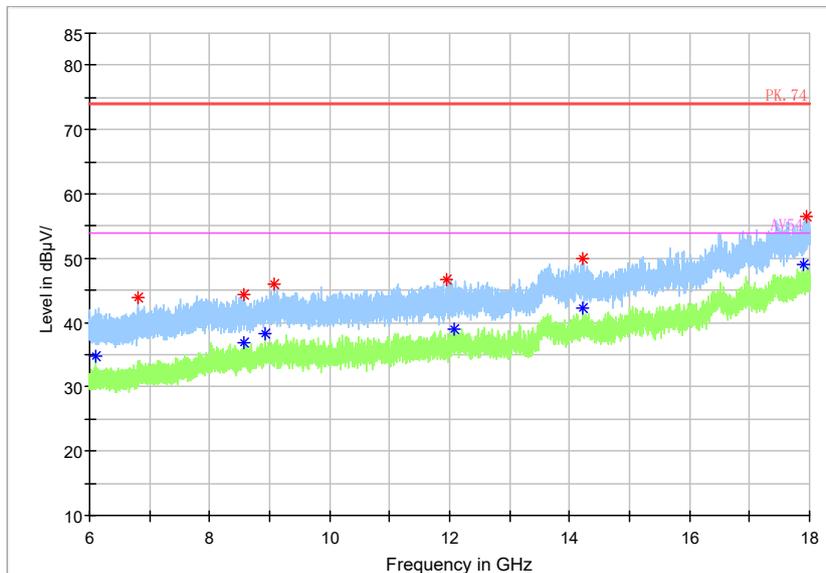
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



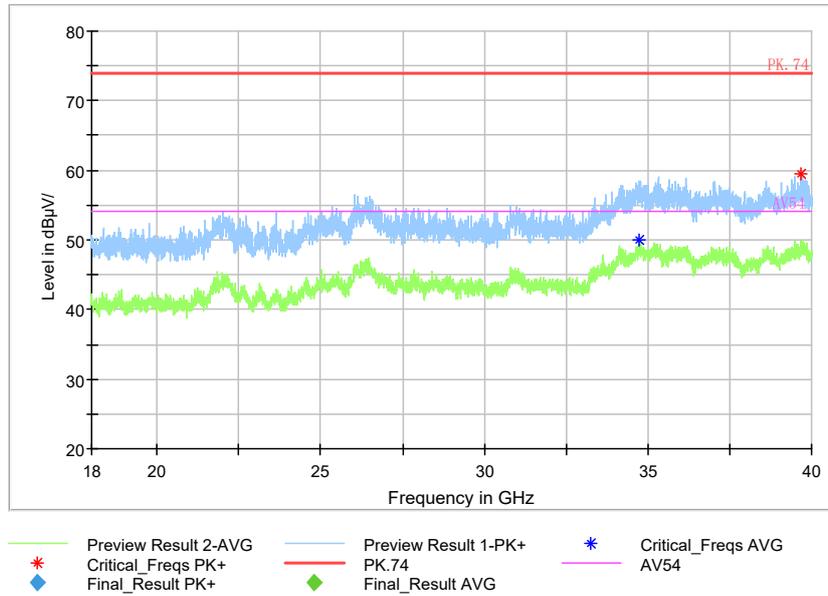
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



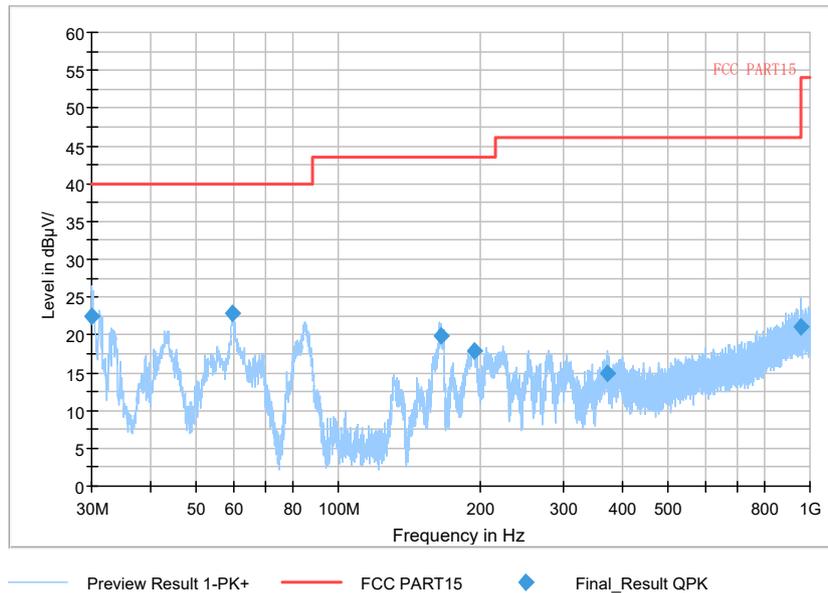
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



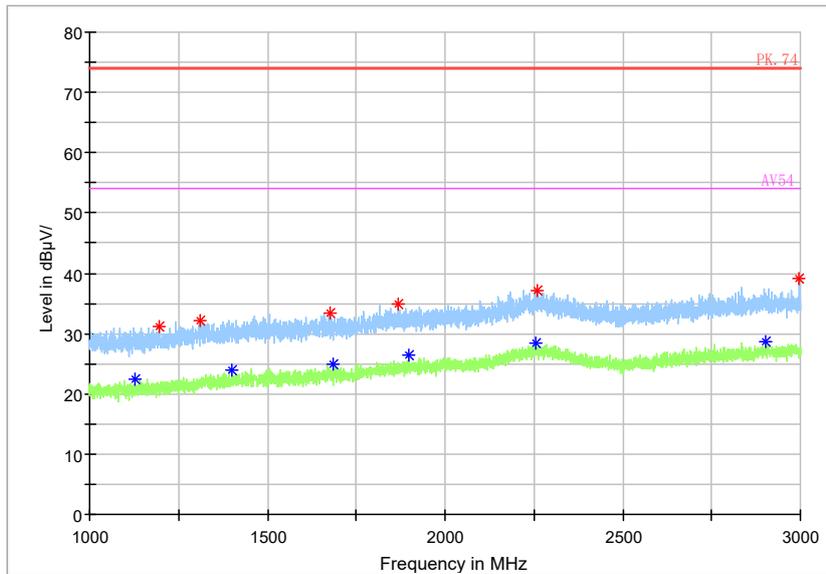
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



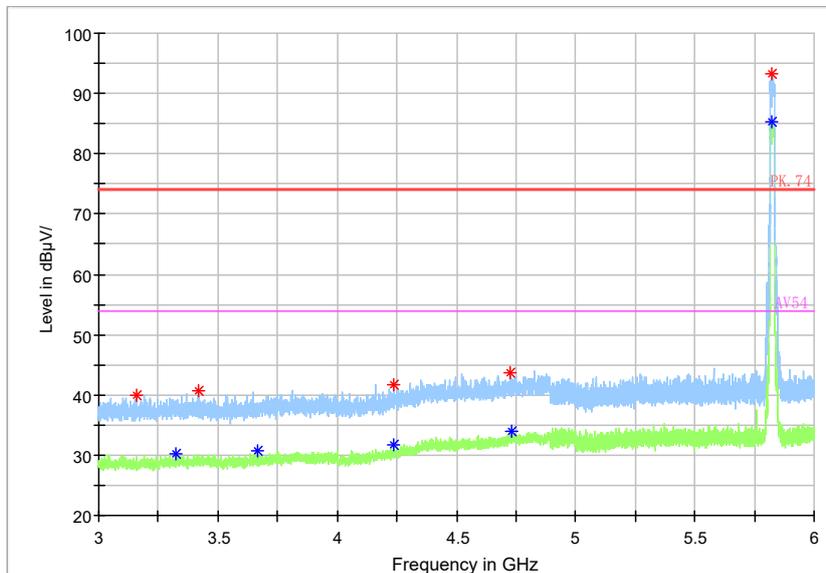
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



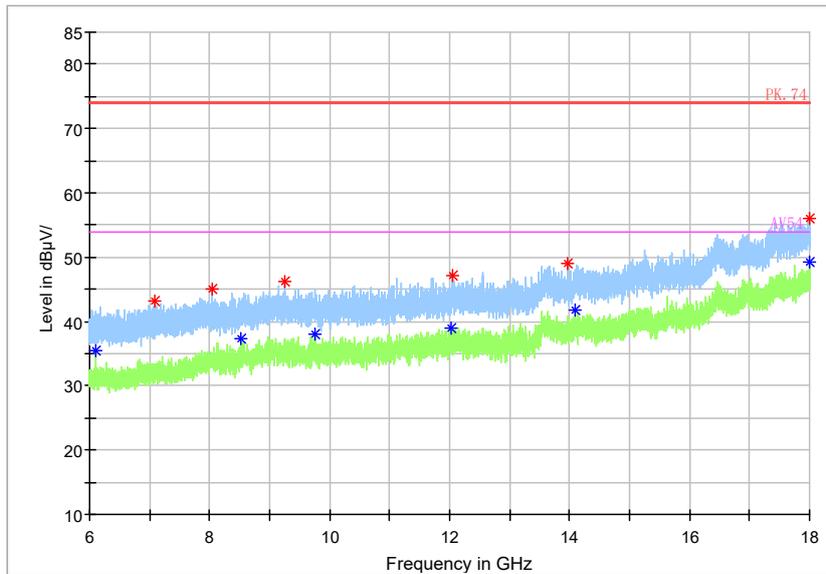
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



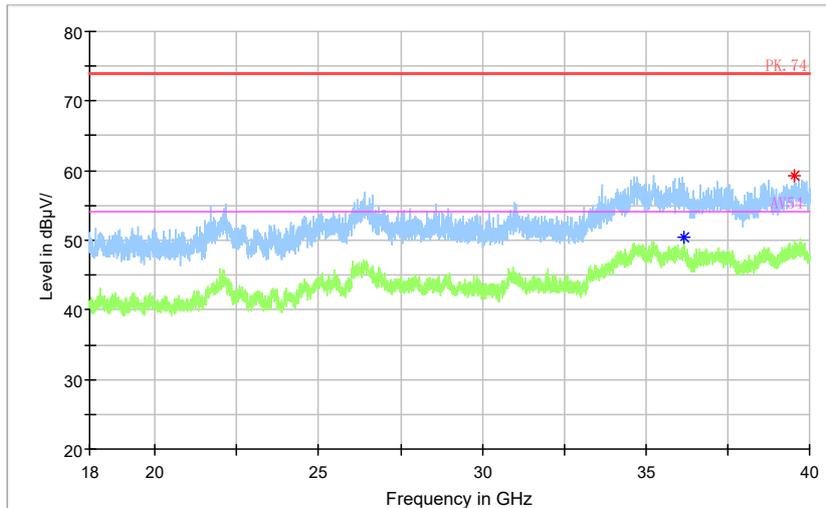
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

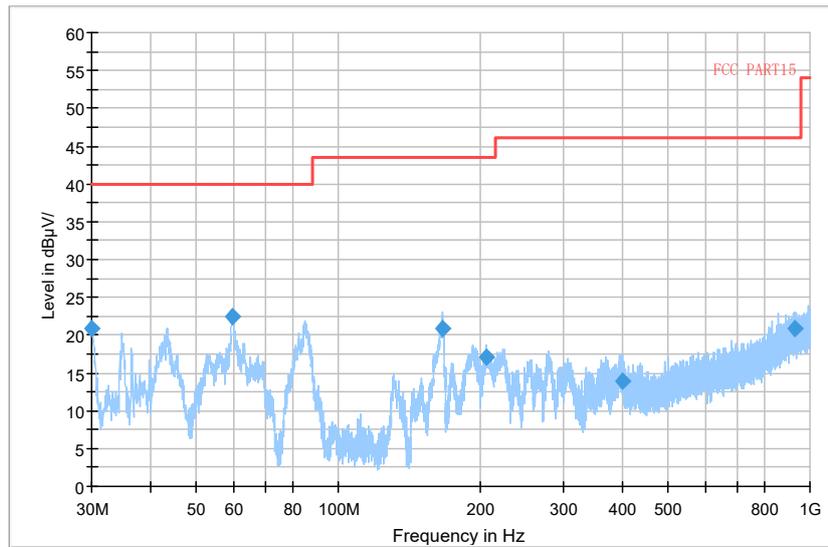
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs 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)

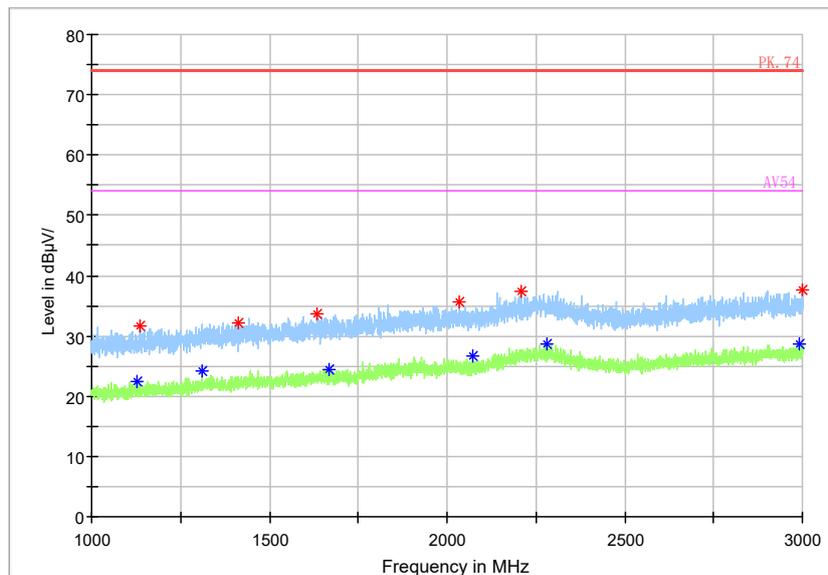
Full Spectrum



— Preview Result 1-PK+    — FCC PART15    ◆ Final\_Result QPK

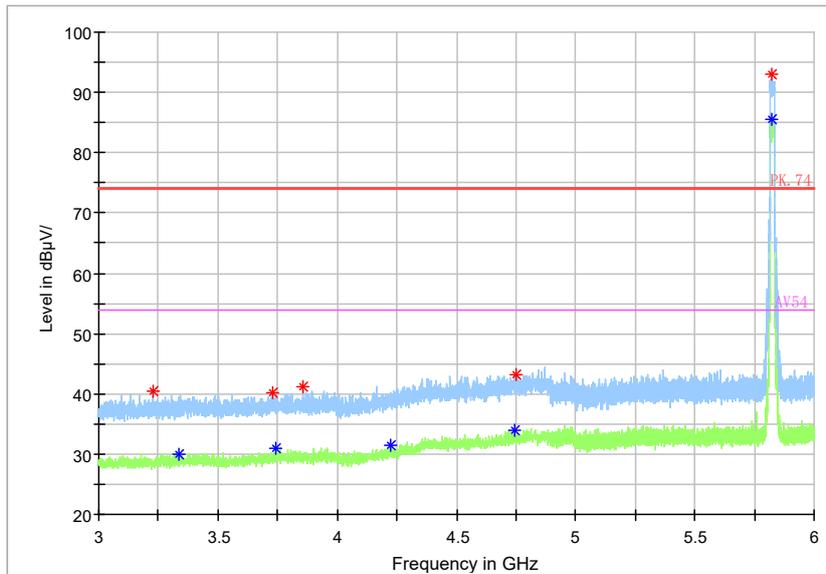
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



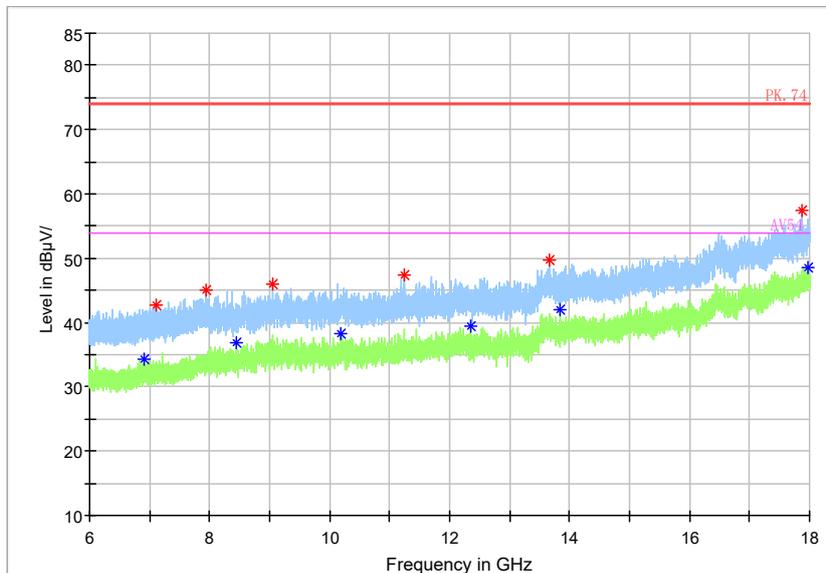
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



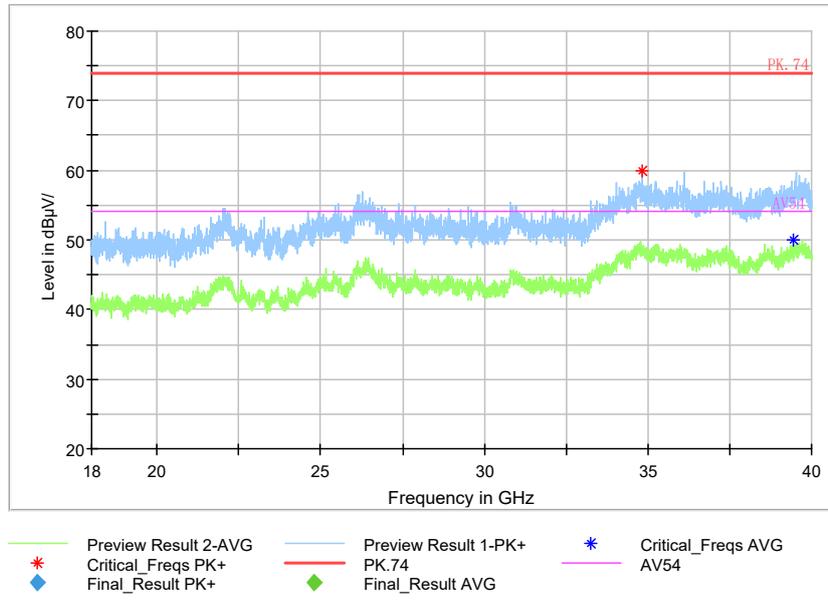
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

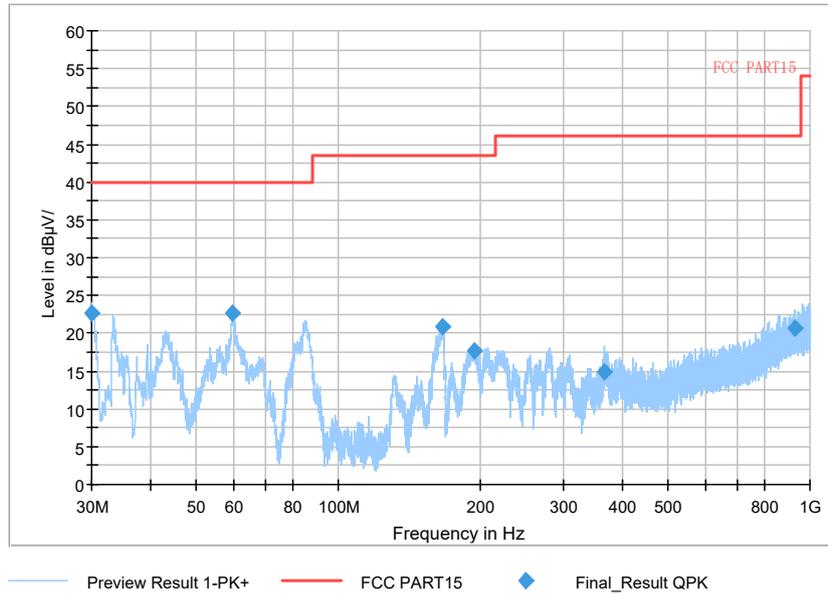
Full Spectrum



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

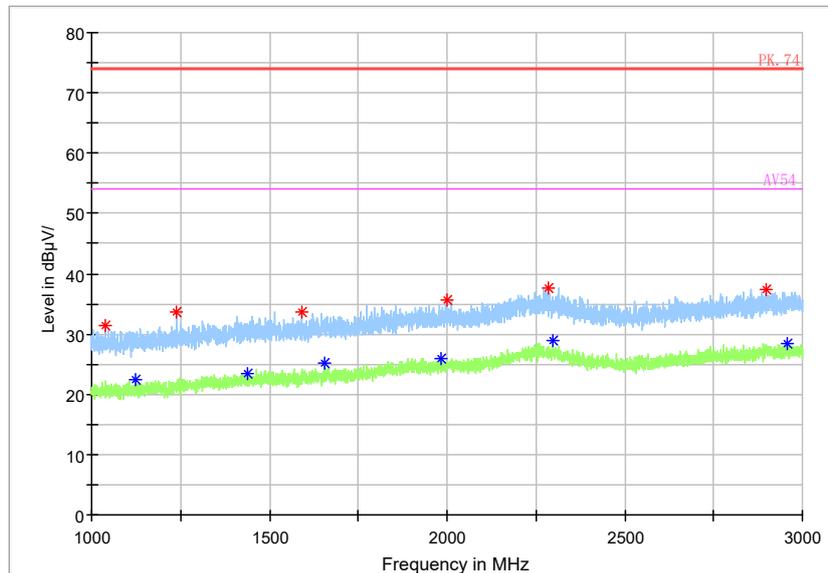
Carrier frequency (MHz): 5755  
Channel No.:151

Full Spectrum



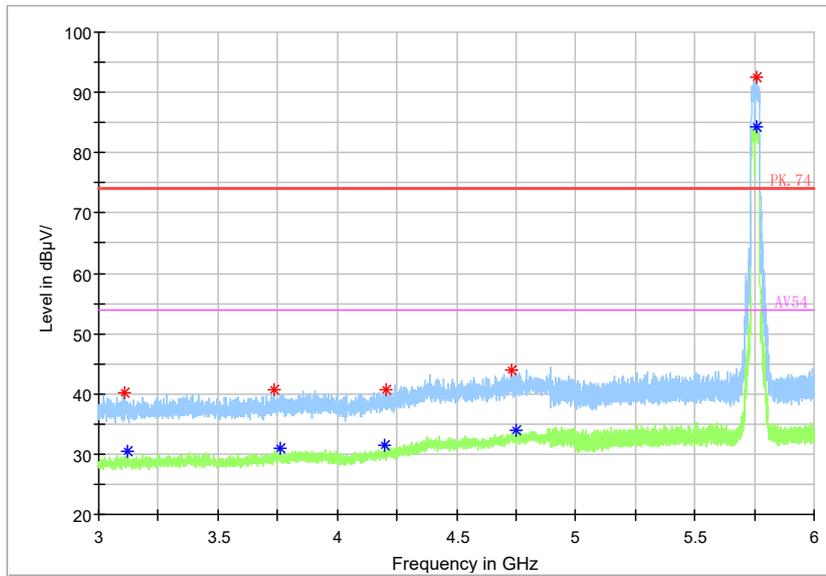
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



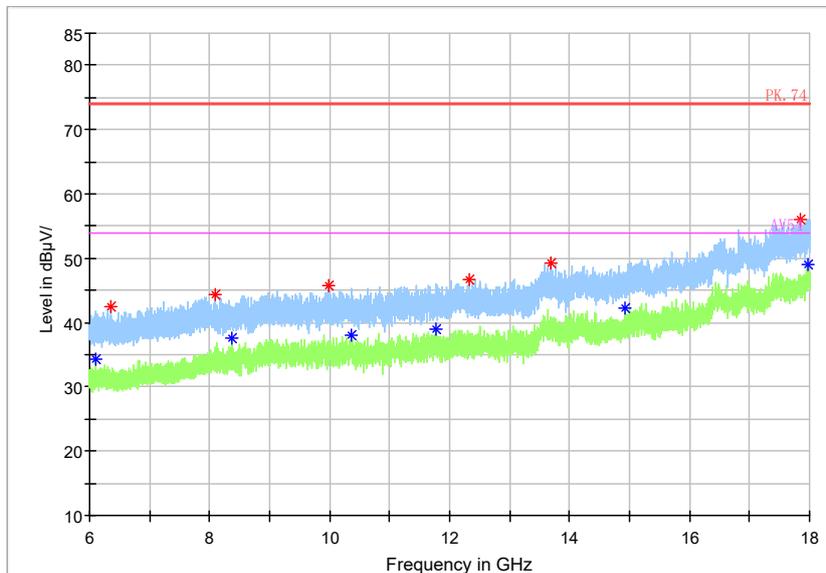
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



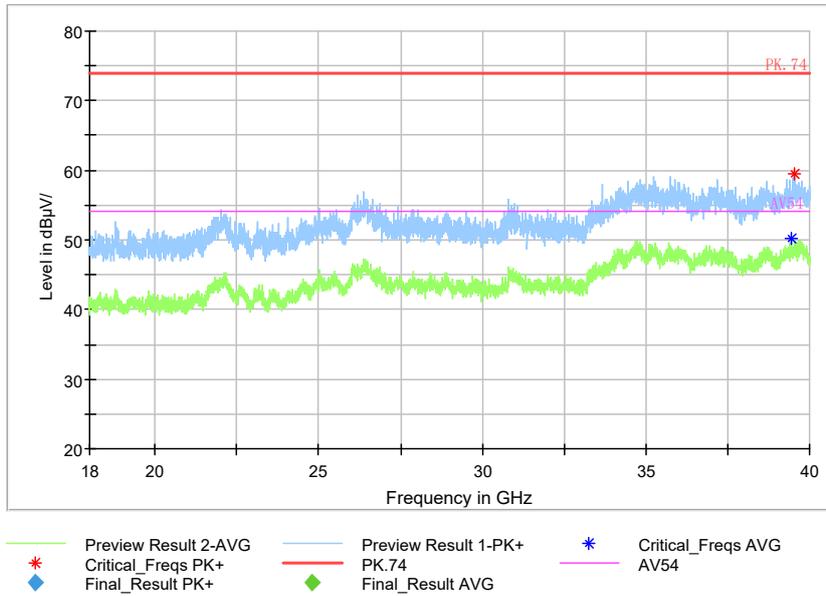
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



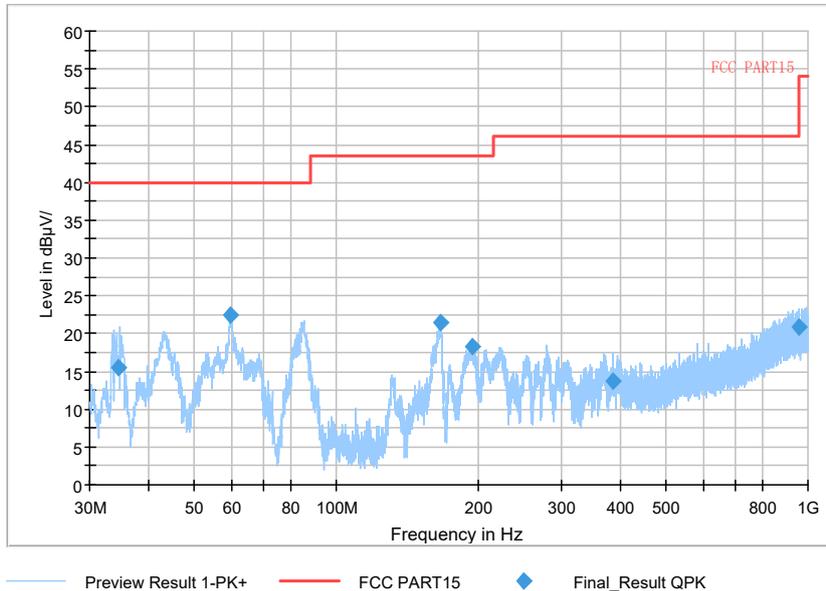
Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



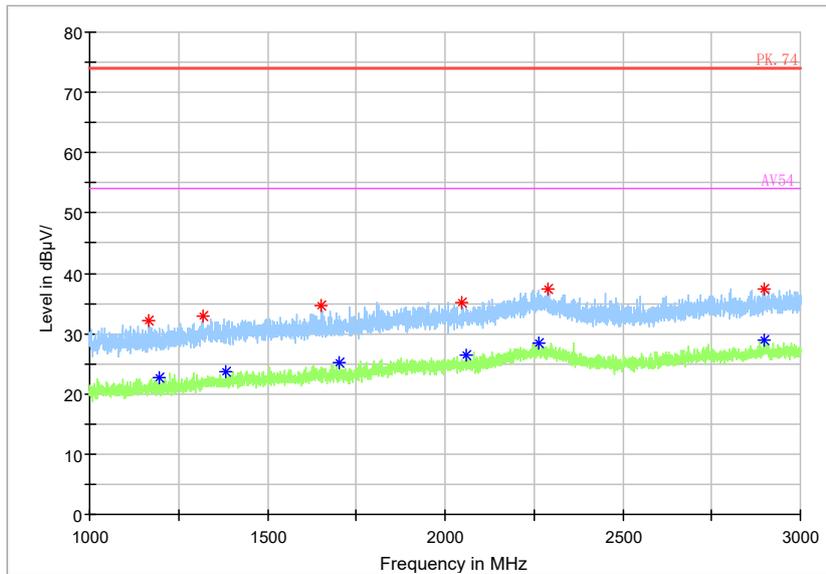
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



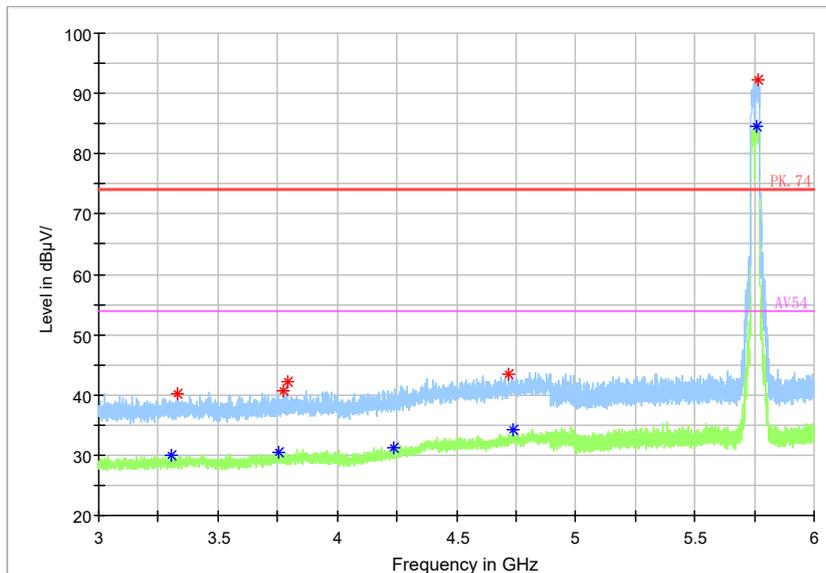
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



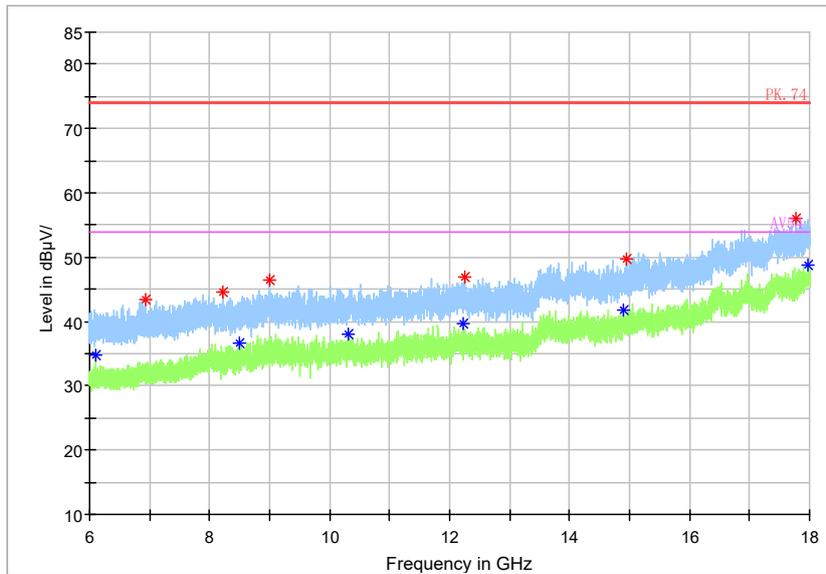
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT40)

Full Spectrum



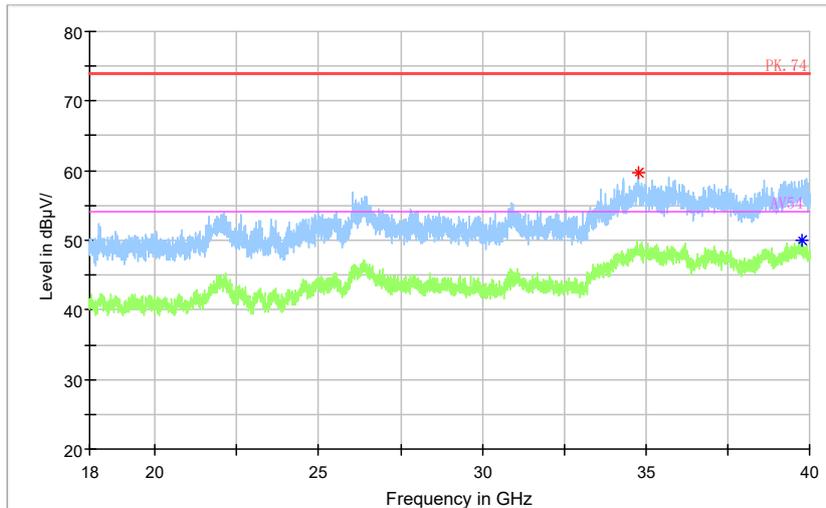
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT40)

Full Spectrum



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

Full Spectrum

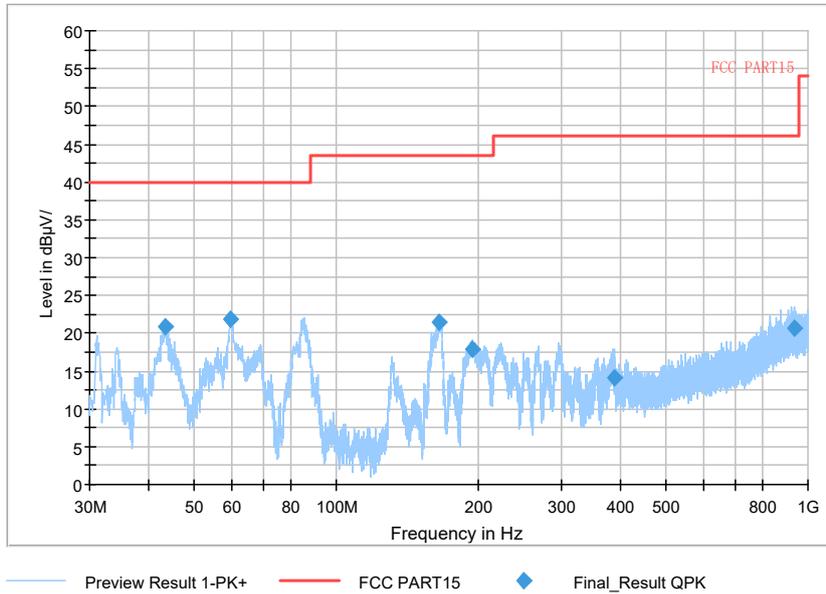


- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- PK.74
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- AV54

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

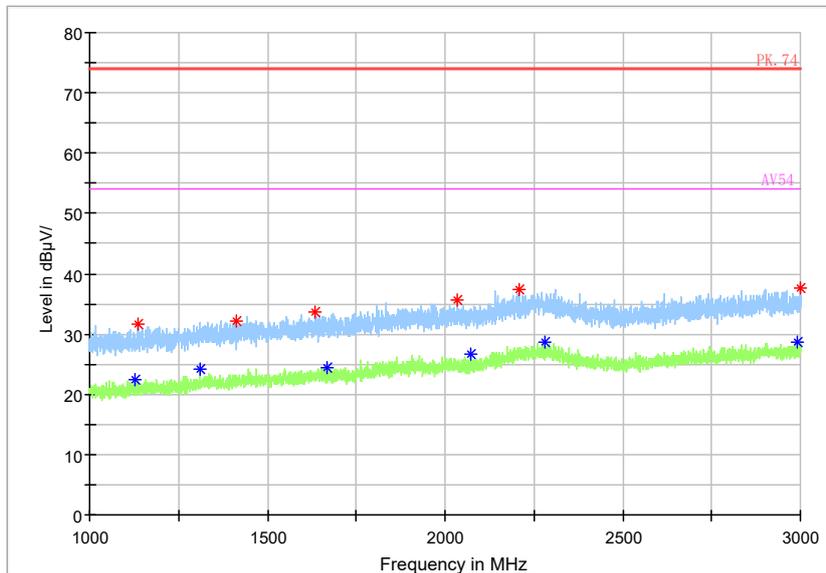
Carrier frequency (MHz): 5795  
Channel No.:159

Full Spectrum



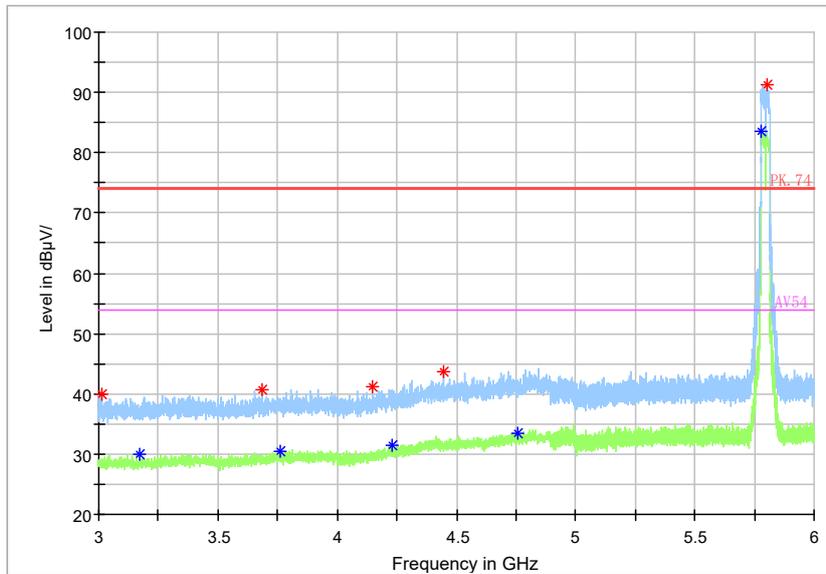
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



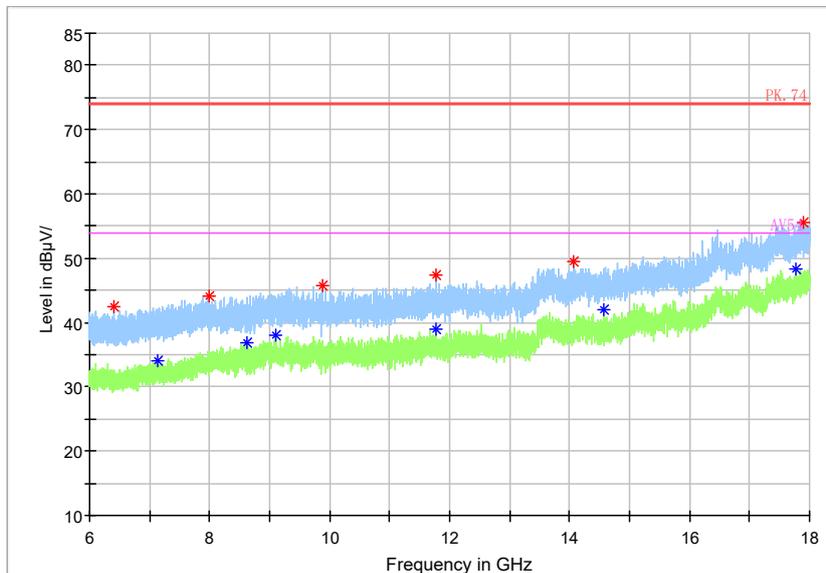
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



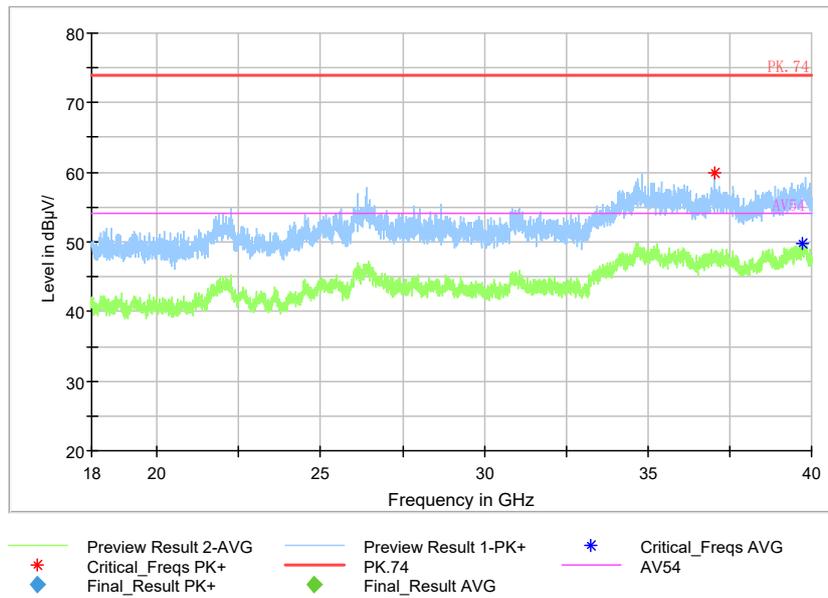
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



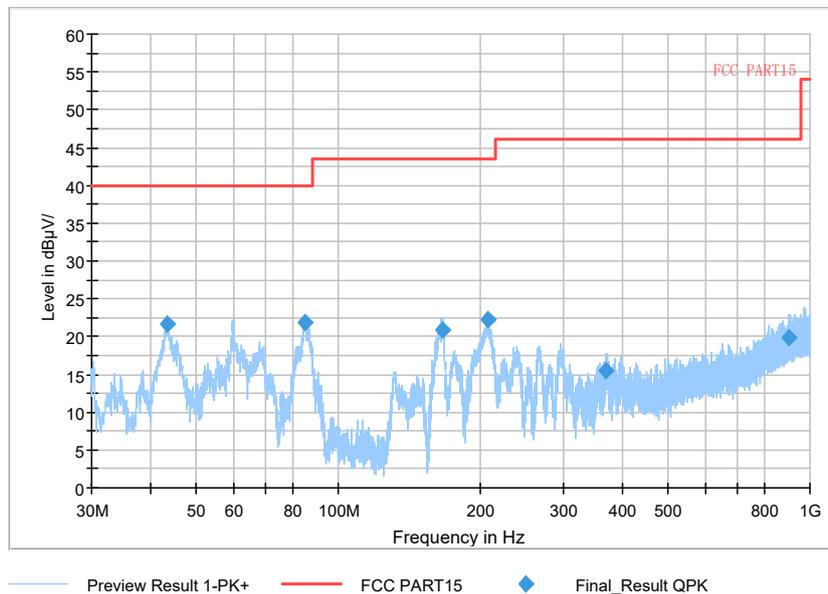
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



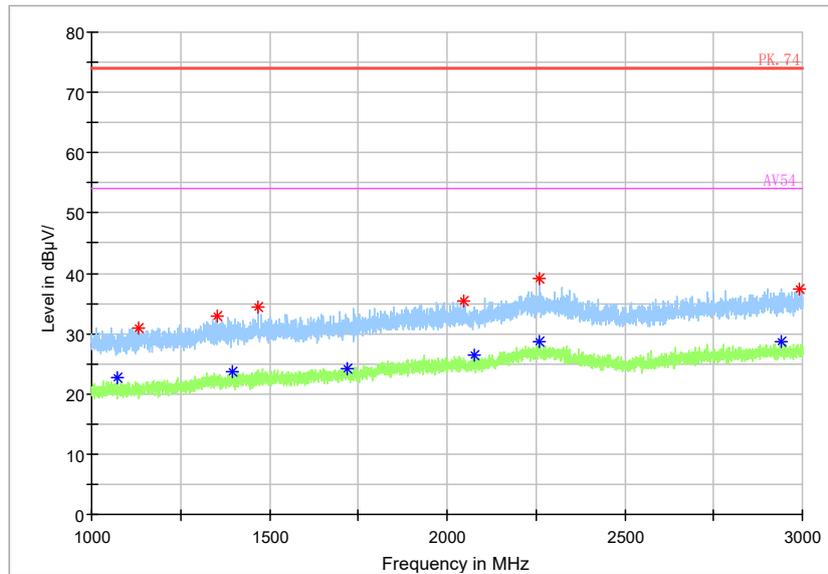
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



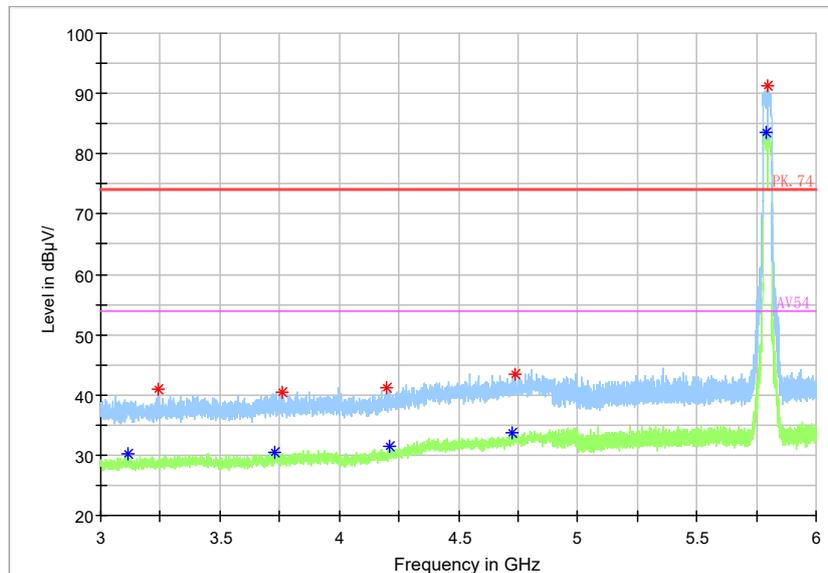
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



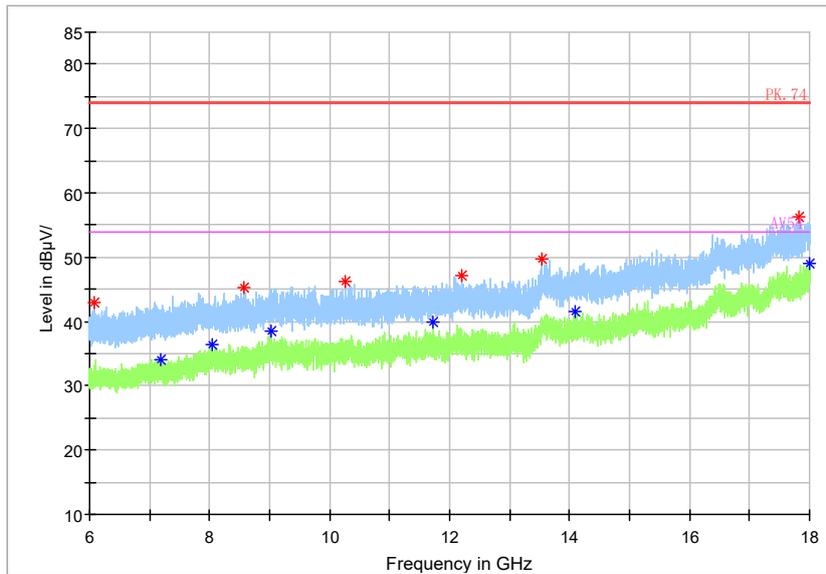
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



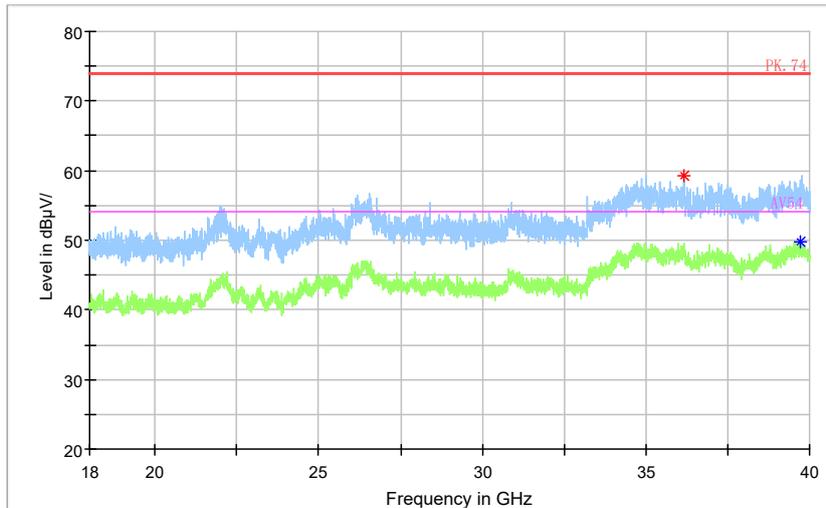
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



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

Full Spectrum

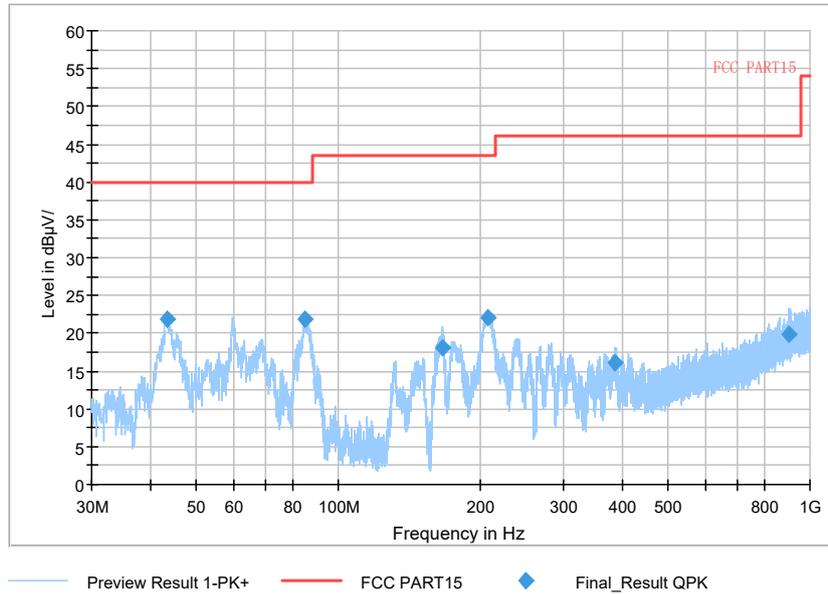


- ◆ Preview Result 2-AVG
- ◆ Critical\_Freqs PK+
- ◆ Final\_Result PK+
- ◆ Preview Result 1-PK+
- ◆ PK.74
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- ◆ AV54

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

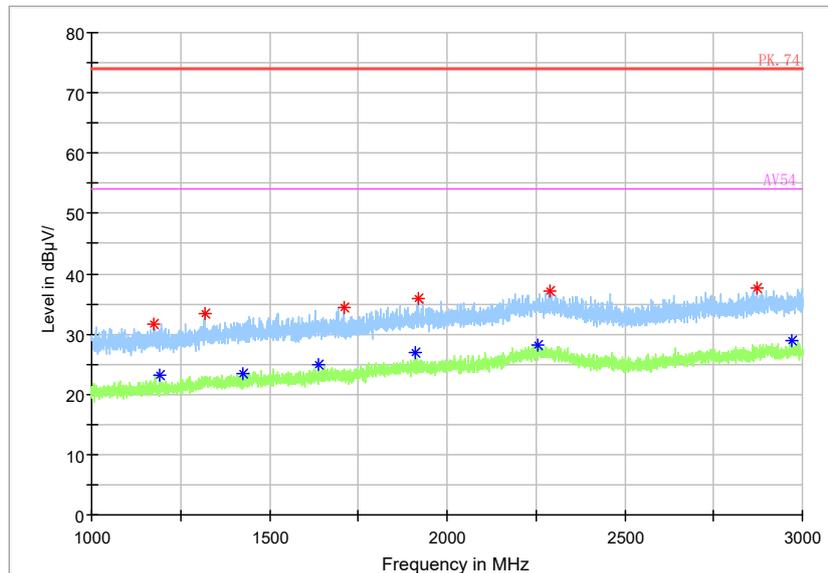
Carrier frequency (MHz): 5775  
Channel No.:155

Full Spectrum



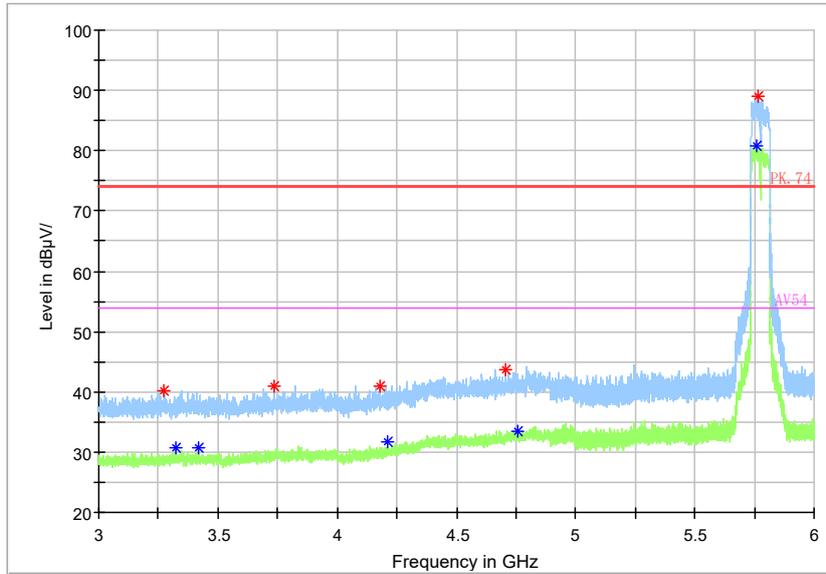
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11ac(VHT80)

Full Spectrum



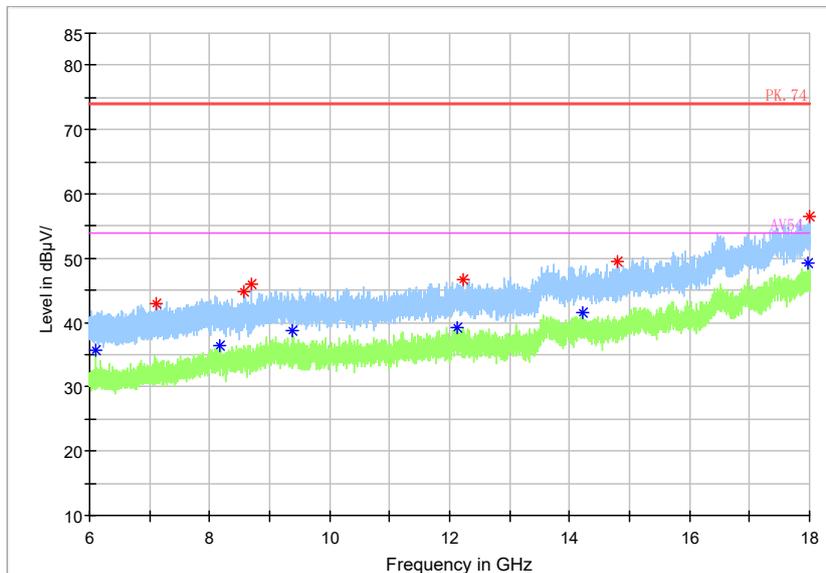
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT80)

Full Spectrum



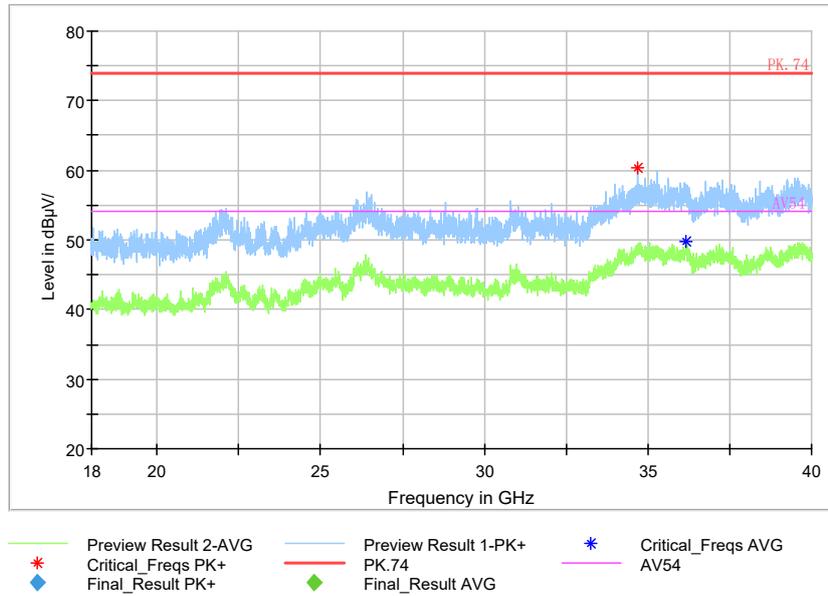
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Test Mode: 802.11ac(VHT80)

Full Spectrum



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

Full Spectrum



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

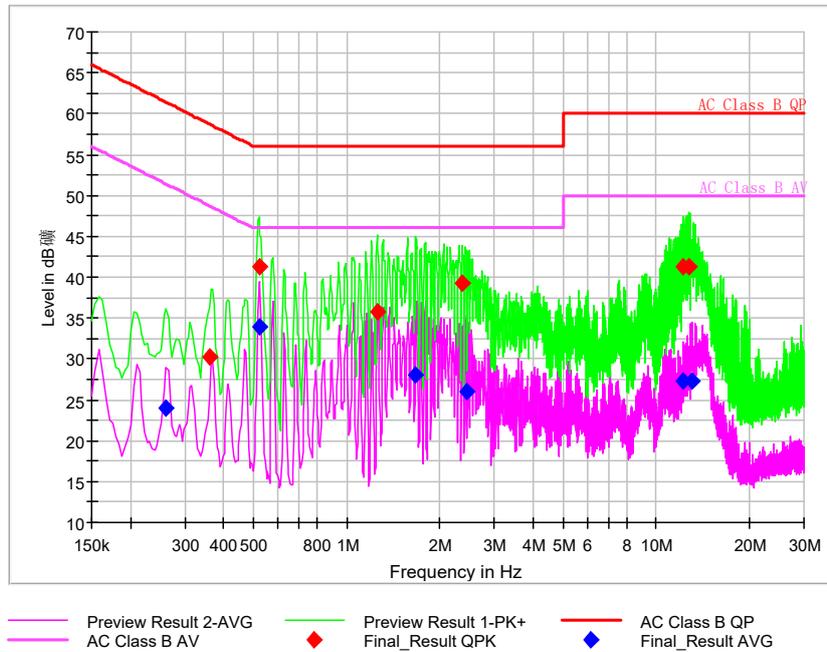
## AC Power line Conducted Emission(EUT TX on (11n) + charging)

A "reference path loss" Corr.(dB) is established and the  $L_{cable}+ATT+VDF$  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:

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

Sample calculation:  $(23.96 \text{ dB}\mu\text{V}) = (-5.74 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$ , the corresponding frequency is 0.260871MHz.



L+N Lin

### MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi Peak (dBμV)	Pmea Average (dBμV)
0.260871	---	23.96	51.40	27.44	L1	29.7	---	-5.74
0.358950	30.19	---	58.75	28.56	L1	29.7	0.49	---
0.520993	---	33.86	46.00	12.14	L1	29.7	---	4.16
0.520993	41.32	---	56.00	14.68	L1	29.7	11.62	---
1.254450	35.70	---	56.00	20.30	L1	29.8	5.9	---
1.672350	---	27.99	46.00	18.01	L1	29.8	---	-1.81
2.354636	39.24	---	56.00	16.76	L1	29.8	9.44	---
2.431393	---	26.10	46.00	19.90	L1	29.8	---	-3.7
12.141171	41.28	---	60.00	18.72	N	30.0	11.28	---
12.264836	---	27.28	50.00	22.72	L1	30.0	---	-2.72
12.823457	41.37	---	60.00	18.63	N	30.0	11.37	---
13.011086	---	27.36	50.00	22.64	L1	30.0	---	-2.64

---End of Test Report---