

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

In order to find the worst case condition, Pre-tests are needed at the presence of different data rate. Data rate below means worst-case rate of each test item.

Worst-case data rates are shown as following table.

Test Mode	Data Rate
802.11a	6Mbps
802.11n HT20	MCS0(6.5 Mbps)
802.11n HT40	MCS0(13.5 Mbps)
802.11ac VHT20	MCS0(6.5 Mbps)
802.11ac VHT40	MCS0(13.5 Mbps)
802.11ac VHT80	MCS0(29.3 Mbps)

We chose the Worst-modes are shown as following table:

Test Mode	Chain	Note
802.11a	Chain1	---
802.11n HT20	Chain0+Chain1	Cover 802.11ac VHT20
802.11ac VHT40	Chain0+Chain1	Cover 802.11n HT40
802.11ac VHT80	Chain0+Chain1	---

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (91.29 dBuV/m) = (43.49 dBuV) + (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	91.29	43.49	N/A	N/A	12.40	35.40
2	5150	37.85	-9.95	-30.35	68.20	12.40	35.40

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	88.38	40.58	N/A	N/A	12.40	35.40
2	5150	37.46	-10.34	-30.74	68.20	12.40	35.40

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	82.19	34.39	N/A	N/A	12.40	35.40
2	5150	29.51	-18.29	-24.49	54.00	12.40	35.40

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	79.34	31.54	N/A	N/A	12.40	35.40
2	5150	28.99	-18.81	-25.01	54.00	12.40	35.40

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	88.60	40.80	N/A	N/A	12.40	35.40
2	5250	36.93	-10.87	-31.27	68.20	12.40	35.40

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	87.25	39.45	N/A	N/A	12.40	35.40
2	5250	37.15	-10.65	-31.05	68.20	12.40	35.40

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	81.95	34.15	N/A	N/A	12.40	35.40
2	5250	29.93	-17.87	-24.07	54.00	12.40	35.40

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	79.28	31.48	N/A	N/A	12.40	35.40

2	5250	29.72	-18.08	-24.28	54.00	12.40	35.40
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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	90.74	42.94	N/A	N/A	12.40	35.40
2	5150	37.89	-9.91	-30.31	68.20	12.40	35.40

Carrier frequency (MHz): 5180 MHz
 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	89.46	41.66	N/A	N/A	12.40	35.40
2	5150	37.61	-10.19	-30.59	68.20	12.40	35.40

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	82.68	34.88	N/A	N/A	12.40	35.40
2	5150	30.02	-17.78	-23.98	54.00	12.40	35.40

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	80.76	32.96	N/A	N/A	12.40	35.40
2	5150	30.47	-17.33	-23.53	54.00	12.40	35.40

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	88.50	40.70	N/A	N/A	12.40	35.40
2	5250	37.85	-9.95	-30.35	68.20	12.40	35.40

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	86.34	38.54	N/A	N/A	12.40	35.40
2	5250	38.04	-9.76	-30.16	68.20	12.40	35.40

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	81.22	33.42	N/A	N/A	12.40	35.40
2	5250	29.86	-17.94	-24.14	54.00	12.40	35.40

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	79.98	32.18	N/A	N/A	12.40	35.40
2	5250	29.44	-18.36	-24.56	54.00	12.40	35.40

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	90.55	42.75	N/A	N/A	12.40	35.40
2	5150	36.27	-11.53	-31.93	68.20	12.40	35.40

Carrier frequency (MHz): 5180
 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	87.71	39.91	N/A	N/A	12.40	35.40
2	5150	36.28	-11.52	-31.92	68.20	12.40	35.40

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	82.90	35.10	N/A	N/A	12.40	35.40
2	5150	29.53	-18.27	-24.47	54.00	12.40	35.40

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	81.79	33.99	N/A	N/A	12.40	35.40
2	5150	30.13	-17.67	-23.87	54.00	12.40	35.40

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

No	Frequency (MHz)	Measure Level	Reading Level	Over Limit	Limit (dBuV/m)	cable loss	antenna factor

		(dBuV/m)	(dBuV)	(dB)		(dB)	(dB)
1	5240	89.69	41.89	N/A	N/A	12.40	35.40
2	5250	36.16	-11.64	-32.04	68.20	12.40	35.40

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	87.08	39.28	N/A	N/A	12.40	35.40
2	5250	37.12	-10.68	-31.08	68.20	12.40	35.40

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	80.90	33.10	N/A	N/A	12.40	35.40
2	5250	30.00	-17.80	-24.00	54.00	12.40	35.40

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	79.09	31.29	N/A	N/A	12.40	35.40
2	5250	30.36	-17.44	-23.64	54.00	12.40	35.40

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

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	90.45	42.65	N/A	N/A	12.40	35.40

2	5150	36.97	-10.83	-31.23	68.20	12.40	35.40
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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	87.53	39.73	N/A	N/A	12.40	35.40
2	5150	37.41	-10.39	-30.79	68.20	12.40	35.40

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

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	82.14	34.34	N/A	N/A	12.40	35.40
2	5150	30.18	-17.62	-23.82	54.00	12.40	35.40

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

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	79.64	31.84	N/A	N/A	12.40	35.40
2	5150	29.41	-18.39	-24.59	54.00	12.40	35.40

Carrier frequency (MHz): 5230 MHz
 Channel No.:46
 Test Mode: 802.11n (HT40)
 Polarity:Vertical
 Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	88.90	41.10	N/A	N/A	12.40	35.40
2	5250	36.02	-11.78	-32.18	68.20	12.40	35.40

Carrier frequency (MHz): 5230 MHz

Channel No.:46
 Test Mode: 802.11n (HT40)
 Polarity:Horizontal
 Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	87.53	39.73	N/A	N/A	12.40	35.40
2	5250	35.98	-11.82	-32.22	68.20	12.40	35.40

Carrier frequency (MHz): 5230 MHz
 Channel No.:46
 Test Mode: 802.11n (HT40)
 Polarity:Vertical
 Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	81.31	33.51	N/A	N/A	12.40	35.40
2	5250	30.94	-16.86	-23.06	54.00	12.40	35.40

Carrier frequency (MHz): 5230 MHz
 Channel No.:46
 Test Mode: 802.11n (HT40)
 Polarity:Horizontal
 Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5230	80.09	32.29	N/A	N/A	12.40	35.40
2	5250	31.31	-16.49	-22.69	54.00	12.40	35.40

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	90.68	42.88	N/A	N/A	12.40	35.40
2	5150	37.99	-9.81	-30.21	68.20	12.40	35.40

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	89.16	41.36	N/A	N/A	12.40	35.40
2	5150	37.42	-10.38	-30.78	68.20	12.40	35.40

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	81.20	33.40	N/A	N/A	12.40	35.40
2	5150	29.32	-18.48	-24.68	54.00	12.40	35.40

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	79.66	31.86	N/A	N/A	12.40	35.40
2	5150	29.10	-18.70	-24.90	54.00	12.40	35.40

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	89.21	41.41	N/A	N/A	12.40	35.40
2	5250	37.14	-10.66	-31.06	68.20	12.40	35.40

Carrier frequency (MHz): 5230 MHz

Channel No.:46

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level	Reading Level	Over Limit	Limit (dBuV/m)	cable loss	antenna factor

		(dBuV/m)	(dBuV)	(dB)		(dB)	(dB)
1	5230	86.76	38.96	N/A	N/A	12.40	35.40
2	5250	36.62	-11.18	-31.58	68.20	12.40	35.40

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	82.03	34.23	N/A	N/A	12.40	35.40
2	5250	30.03	-17.77	-23.97	54.00	12.40	35.40

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	80.71	32.91	N/A	N/A	12.40	35.40
2	5250	30.96	-16.84	-23.04	54.00	12.40	35.40

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	84.32	36.52	N/A	N/A	12.40	35.40
2	5150	37.55	-10.25	-30.65	68.20	12.40	35.40

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	82.83	35.03	N/A	N/A	12.40	35.40

2	5150	37.68	-10.12	-30.52	68.20	12.40	35.40
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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	77.81	30.01	N/A	N/A	12.40	35.40
2	5150	29.89	-17.91	-24.11	54.00	12.40	35.40

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	75.97	28.17	N/A	N/A	12.40	35.40
2	5150	29.21	-18.59	-24.79	54.00	12.40	35.40

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	90.77	43.17	N/A	N/A	12.90	34.70
2	5725	37.90	-9.70	-30.30	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	88.56	40.96	N/A	N/A	12.90	34.70
2	5725	37.02	-10.58	-31.18	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	83.13	35.53	N/A	N/A	12.90	34.70
2	5725	30.78	-16.82	-23.22	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	81.47	33.87	N/A	N/A	12.90	34.70
2	5725	31.33	-16.27	-22.67	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	90.95	43.35	N/A	N/A	12.90	34.70
2	5845	37.89	-9.71	-30.31	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	89.87	42.27	N/A	N/A	12.90	34.70
2	5845	37.97	-9.63	-30.23	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	83.26	35.66	N/A	N/A	12.90	34.70
2	5845	30.37	-17.23	-23.63	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	81.03	33.43	N/A	N/A	12.90	34.70
2	5845	29.79	-17.81	-24.21	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	90.63	43.03	N/A	N/A	12.90	34.70
2	5725	36.29	-11.31	-31.91	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	87.85	40.25	N/A	N/A	12.90	34.70
2	5725	35.92	-11.68	-32.28	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	87.85	40.25	N/A	N/A	12.90	34.70
2	5725	35.92	-11.68	-32.28	68.20	12.90	34.70

1	5745	83.55	35.95	N/A	N/A	12.90	34.70
2	5725	29.10	-18.50	-24.90	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	81.15	33.55	N/A	N/A	12.90	34.70
2	5725	28.73	-18.87	-25.27	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	91.17	43.57	N/A	N/A	12.90	34.70
2	5845	36.42	-11.18	-31.78	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	89.64	42.04	N/A	N/A	12.90	34.70
2	5845	36.65	-10.95	-31.55	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	82.22	34.62	N/A	N/A	12.90	34.70
2	5845	29.11	-18.49	-24.89	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	80.48	32.88	N/A	N/A	12.90	34.70
2	5845	29.13	-18.47	-24.87	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	90.19	42.59	N/A	N/A	12.90	34.70
2	5725	36.50	-11.10	-31.70	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	88.34	40.74	N/A	N/A	12.90	34.70
2	5725	35.59	-12.01	-32.61	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	82.72	35.12	N/A	N/A	12.90	34.70
2	5725	30.08	-17.52	-23.92	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	80.02	32.42	N/A	N/A	12.90	34.70
2	5725	30.20	-17.40	-23.80	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	90.24	42.64	N/A	N/A	12.90	34.70
2	5845	37.22	-10.38	-30.98	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	88.17	40.57	N/A	N/A	12.90	34.70
2	5845	37.41	-10.19	-30.79	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	82.90	35.30	N/A	N/A	12.90	34.70
2	5845	29.74	-17.86	-24.26	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	81.86	34.26	N/A	N/A	12.90	34.70
2	5845	30.27	-17.33	-23.73	54.00	12.90	34.70

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

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5755	90.93	43.33	N/A	N/A	12.90	34.70
2	5715	37.60	-10.00	-30.60	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	89.18	41.58	N/A	N/A	12.90	34.70
2	5715	38.24	-9.36	-29.96	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	84.17	36.57	N/A	N/A	12.90	34.70
2	5715	29.78	-17.82	-24.22	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	84.17	36.57	N/A	N/A	12.90	34.70
2	5715	29.78	-17.82	-24.22	54.00	12.90	34.70

1	5755	81.91	34.31	N/A	N/A	12.90	34.70
2	5715	30.41	-17.19	-23.59	54.00	12.90	34.70

Carrier frequency (MHz): 5795 MHz
 Channel No.:159
 Test Mode: 802.11n (HT40)
 Polarity:Vertical
 Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	89.28	41.68	N/A	N/A	12.90	34.70
2	5835	37.96	-9.64	-30.24	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	86.74	39.14	N/A	N/A	12.90	34.70
2	5835	38.83	-8.77	-29.37	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	82.23	34.63	N/A	N/A	12.90	34.70
2	5835	30.27	-17.33	-23.73	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	80.68	33.08	N/A	N/A	12.90	34.70
2	5835	30.30	-17.30	-23.70	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	89.51	41.91	N/A	N/A	12.90	34.70
2	5715	36.50	-11.10	-31.70	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	86.68	39.08	N/A	N/A	12.90	34.70
2	5715	35.67	-11.93	-32.53	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	82.24	34.64	N/A	N/A	12.90	34.70
2	5715	29.38	-18.22	-24.62	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	80.86	33.26	N/A	N/A	12.90	34.70
2	5715	28.44	-19.16	-25.56	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	89.34	41.74	N/A	N/A	12.90	34.70
2	5835	37.50	-10.10	-30.70	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	86.68	39.08	N/A	N/A	12.90	34.70
2	5835	36.99	-10.61	-31.21	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	83.12	35.52	N/A	N/A	12.90	34.70
2	5835	30.41	-17.19	-23.59	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	81.95	34.35	N/A	N/A	12.90	34.70
2	5835	29.87	-17.73	-24.13	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	89.38	41.78	N/A	N/A	12.90	34.70
2	5695	37.99	-9.61	-30.21	68.20	12.90	34.70

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

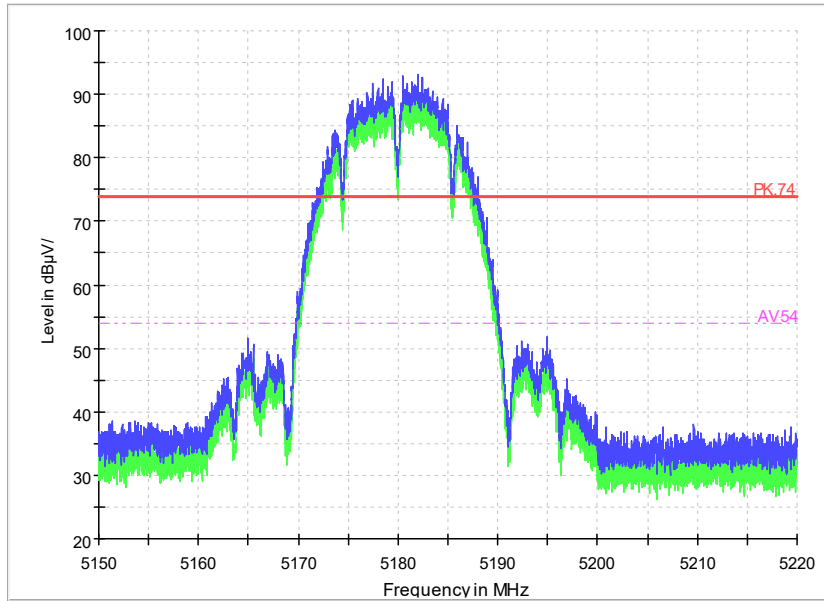
No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	86.58	38.98	N/A	N/A	12.90	34.70
2	5695	37.47	-10.13	-30.73	68.20	12.90	34.70

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	82.42	34.82	N/A	N/A	12.90	34.70
2	5695	29.22	-18.38	-24.78	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	80.55	32.95	N/A	N/A	12.90	34.70
2	5695	29.82	-17.78	-24.18	54.00	12.90	34.70



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: $(20.99 \text{ dB}\mu\text{V/m}) = (39.79 \text{ dB}\mu\text{V}) + (-18.8 \text{ dB/m})$, the corresponding frequency is 39.021MHz.

For 802.11a Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.021	20.99	-18.8	39.79	Vertical	40
44.259	20.64	-18	38.64	Vertical	40
70.4975	20.86	-22.2	43.06	Vertical	40
78.112	27.49	-24	51.49	Vertical	40
343.31	29.1	-14.6	43.7	Vertical	46
423.529	20.51	-12.6	33.11	Vertical	46

For 802.11n(HT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.8755	21.16	-18.8	39.96	Vertical	40
44.0165	21.26	-18	39.26	Vertical	40
70.0125	23.77	-22.1	45.87	Vertical	40
79.0335	27.56	-24.2	51.76	Vertical	40
340.012	28.6	-14.7	43.3	Vertical	46
425.469	20.66	-12.6	33.26	Vertical	46

For 802.11ac(VHT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
37.857	18.45	-19.1	37.55	Vertical	40
44.2105	21.19	-18	39.19	Vertical	40
54.5895	15.59	-18.1	33.69	Vertical	40
76.5115	26.74	-23.6	50.34	Vertical	40
346.4625	28.93	-14.5	43.43	Vertical	46
425.76	20.28	-12.6	32.88	Vertical	46

For 802.11a Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.73	21.14	-18.9	40.04	Vertical	40

52.8435	18.88	-17.9	36.78	Vertical	40
70.1095	22.44	-22.1	44.54	Vertical	40
76.754	28	-23.7	51.7	Vertical	40
340.6425	29.06	-14.7	43.76	Vertical	46
424.4505	20.67	-12.6	33.27	Vertical	46

For 802.11n(HT20) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.8755	21.57	-18.8	40.37	Vertical	40
51.9705	18.58	-17.8	36.38	Vertical	40
70.061	20.88	-22.1	42.98	Vertical	40
77.4815	28.01	-23.9	51.91	Vertical	40
349.421	29.01	-14.4	43.41	Vertical	46
423.9655	20.64	-12.6	33.24	Vertical	46

For 802.11ac(VHT20) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.1665	19.91	-18.7	38.61	Vertical	40
44.0165	21.33	-18	39.33	Vertical	40
70.4975	22.89	-22.2	45.09	Vertical	40
76.9965	27.46	-23.8	51.26	Vertical	40
339.8665	28.82	-14.7	43.52	Vertical	46
426.051	20.21	-12.6	32.81	Vertical	46

For 802.11a Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.7785	21.68	-18.9	40.58	Vertical	40
42.804	20.33	-18.2	38.53	Vertical	40
69.091	21.55	-21.8	43.35	Vertical	40
76.5115	27.42	-23.6	51.02	Vertical	40
293.258	18.06	-16.3	34.36	Vertical	46
337.0535	27.13	-14.8	41.93	Vertical	46

For 802.11n(HT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.8755	21.94	-18.8	40.74	Vertical	40
52.3585	19.2	-17.8	37	Vertical	40
69.479	21.14	-21.9	43.04	Vertical	40
79.1305	27.82	-24.3	52.12	Vertical	40
296.6045	18.97	-16.2	35.17	Vertical	46
340.8365	29.59	-14.7	44.29	Vertical	46

For 802.11ac(VHT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.827	21.77	-18.8	40.57	Vertical	40
43.9195	21.26	-18	39.26	Vertical	40
70.74	22.01	-22.3	44.31	Vertical	40
77.6755	27.73	-23.9	51.63	Vertical	40
342.1945	29.45	-14.6	44.05	Vertical	46
426.536	19.95	-12.6	32.55	Vertical	46

For 802.11n(HT40) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.5845	19.14	-18.9	38.04	Vertical	40
45.52	20.5	-17.9	38.4	Vertical	40
69.5275	23.13	-22	45.13	Vertical	40
76.851	27.26	-23.7	50.96	Vertical	40
340.4485	29.36	-14.7	44.06	Vertical	46
424.9355	20.69	-12.6	33.29	Vertical	46

For 802.11ac(VHT40) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.9725	21.44	-18.8	40.24	Vertical	40
44.259	20.95	-18	38.95	Vertical	40
55.7535	13.32	-18.3	31.62	Vertical	40
77.433	28.12	-23.9	52.02	Vertical	40
344.3285	29.32	-14.5	43.82	Vertical	46
424.984	20.51	-12.6	33.11	Vertical	46

For 802.11n(HT40) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
40.088	18.09	-18.5	36.59	Vertical	40
45.132	20.7	-17.9	38.6	Vertical	40
70.934	22.49	-22.3	44.79	Vertical	40
76.2205	26.28	-23.6	49.88	Vertical	40
343.213	29.72	-14.6	44.32	Vertical	46
423.9655	20.41	-12.6	33.01	Vertical	46

For 802.11ac(VHT40) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.021	21.51	-18.8	40.31	Vertical	40

51.0975	20.22	-17.7	37.92	Vertical	40
70.546	23.81	-22.2	46.01	Vertical	40
77.1905	27.51	-23.8	51.31	Vertical	40
343.601	29.46	-14.6	44.06	Vertical	46
426.6815	19.58	-12.6	32.18	Vertical	46

For 802.11ac(VHT80) Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.021	21.46	-18.8	40.26	Vertical	40
45.811	20.04	-17.9	37.94	Vertical	40
70.1095	20.76	-22.1	42.86	Vertical	40
79.7125	27.74	-24.4	52.14	Vertical	40
346.3655	29.15	-14.5	43.65	Vertical	46
422.3165	19.49	-12.7	32.19	Vertical	46

For 802.11a Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.9725	21.79	-18.8	40.59	Vertical	40
45.4715	19.75	-17.9	37.65	Vertical	40
68.606	20.62	-21.7	42.32	Vertical	40
78.9365	27.5	-24.2	51.7	Vertical	40
342.9705	29.83	-14.6	44.43	Vertical	46
422.559	19.78	-12.7	32.48	Vertical	46

For 802.11n(HT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.021	21.02	-18.8	39.82	Vertical	40
44.5015	21.08	-18	39.08	Vertical	40
71.2735	21.93	-22.4	44.33	Vertical	40
76.5115	26.81	-23.6	50.41	Vertical	40
309.4085	18.27	-15.8	34.07	Vertical	46
339.8665	29.39	-14.7	44.09	Vertical	46

For 802.11ac(VHT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.73	21.59	-18.9	40.49	Vertical	40
44.356	20.48	-18	38.48	Vertical	40
69.7215	22.75	-22	44.75	Vertical	40
76.6085	27.83	-23.7	51.53	Vertical	40
341.1275	29.97	-14.7	44.67	Vertical	46
424.8385	19.92	-12.6	32.52	Vertical	46

For 802.11a Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.021	21.46	-18.8	40.26	Vertical	40
43.483	20.46	-18.1	38.56	Vertical	40
70.2065	20.69	-22.2	42.89	Vertical	40
77.433	28.08	-23.9	51.98	Vertical	40
297.1865	19.58	-16.2	35.78	Vertical	46
349.518	29.55	-14.4	43.95	Vertical	46

For 802.11n(HT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.8755	22.12	-18.8	40.92	Vertical	40
44.2105	20.6	-18	38.6	Vertical	40
71.3705	19.81	-22.4	42.21	Vertical	40
77.3845	28.12	-23.8	51.92	Vertical	40
342.146	30	-14.6	44.6	Vertical	46
425.081	19.92	-12.6	32.52	Vertical	46

For 802.11ac(VHT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.8755	22.21	-18.8	41.01	Vertical	40
44.162	21.15	-18	39.15	Vertical	40
70.74	20.54	-22.3	42.84	Vertical	40
77.336	27.99	-23.8	51.79	Vertical	40
342.3885	29.95	-14.6	44.55	Vertical	46
423.723	19.66	-12.6	32.26	Vertical	46

For 802.11a Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.7785	21.75	-18.9	40.65	Vertical	40
52.213	19.23	-17.8	37.03	Vertical	40
69.6245	21.14	-22	43.14	Vertical	40
77.627	27.69	-23.9	51.59	Vertical	40
341.079	30.09	-14.7	44.79	Vertical	46
424.402	19.6	-12.6	32.2	Vertical	46

For 802.11n(HT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.8755	22.19	-18.8	40.99	Vertical	40

44.356	21.26	-18	39.26	Vertical	40
70.643	23.24	-22.3	45.54	Vertical	40
76.948	27.47	-23.7	51.17	Vertical	40
299.3205	19.07	-16.1	35.17	Vertical	46
347.869	29.73	-14.4	44.13	Vertical	46

For 802.11ac(VHT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.924	21.54	-18.8	40.34	Vertical	40
45.4715	20.55	-17.9	38.45	Vertical	40
69.5275	22.92	-22	44.92	Vertical	40
77.724	27.55	-23.9	51.45	Vertical	40
296.9925	19.85	-16.2	36.05	Vertical	46
341.9035	30.14	-14.6	44.74	Vertical	46

For 802.11n(HT40) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.9725	21.27	-18.8	40.07	Vertical	40
43.968	20.53	-18	38.53	Vertical	40
70.449	20.44	-22.2	42.64	Vertical	40
77.2875	27.94	-23.8	51.74	Vertical	40
298.399	19.4	-16.2	35.6	Vertical	46
345.638	29.72	-14.5	44.22	Vertical	46

For 802.11ac(VHT40) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.6815	21.03	-18.9	39.93	Vertical	40
43.8225	20.7	-18	38.7	Vertical	40
70.255	22.62	-22.2	44.82	Vertical	40
79.858	27.46	-24.4	51.86	Vertical	40
340.5455	30.22	-14.7	44.92	Vertical	46
945.486	19.28	-2.8	22.08	Vertical	46

For 802.11n(HT40) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.7785	22.05	-18.9	40.95	Vertical	40
42.9495	20.21	-18.2	38.41	Vertical	40
70.3035	20.54	-22.2	42.74	Vertical	40
76.8025	28.05	-23.7	51.75	Vertical	40
297.8655	19.93	-16.2	36.13	Vertical	46
346.4625	29.63	-14.5	44.13	Vertical	46

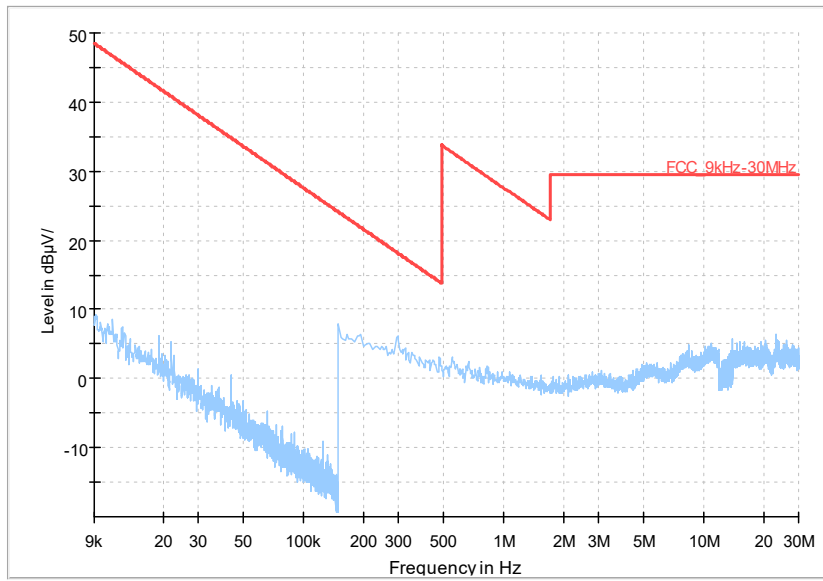
For 802.11ac(VHT40) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.73	21.59	-18.9	40.49	Vertical	40
50.855	19.08	-17.6	36.68	Vertical	40
69.4305	20.67	-21.9	42.57	Vertical	40
77.2875	28.13	-23.8	51.93	Vertical	40
293.6945	19.14	-16.2	35.34	Vertical	46
341.1275	30.31	-14.7	45.01	Vertical	46

For 802.11ac(VHT80) Channel No.:155

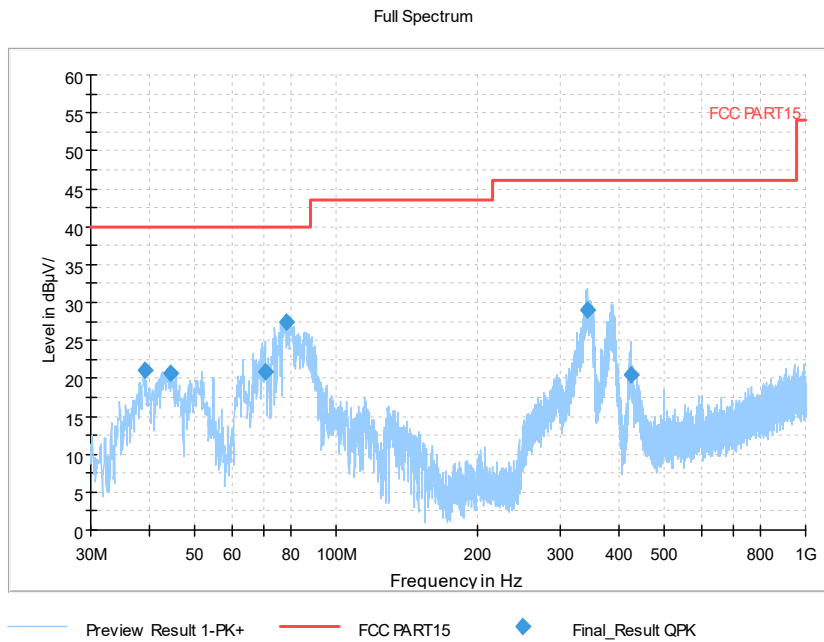
Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.021	21.41	-18.8	40.21	Vertical	40
45.132	20.09	-17.9	37.99	Vertical	40
69.4305	20.69	-21.9	42.59	Vertical	40
77.142	28.15	-23.8	51.95	Vertical	40
341.5155	30.32	-14.7	45.02	Vertical	46
919.975	19.82	-3	22.82	Vertical	46

Full Spectrum

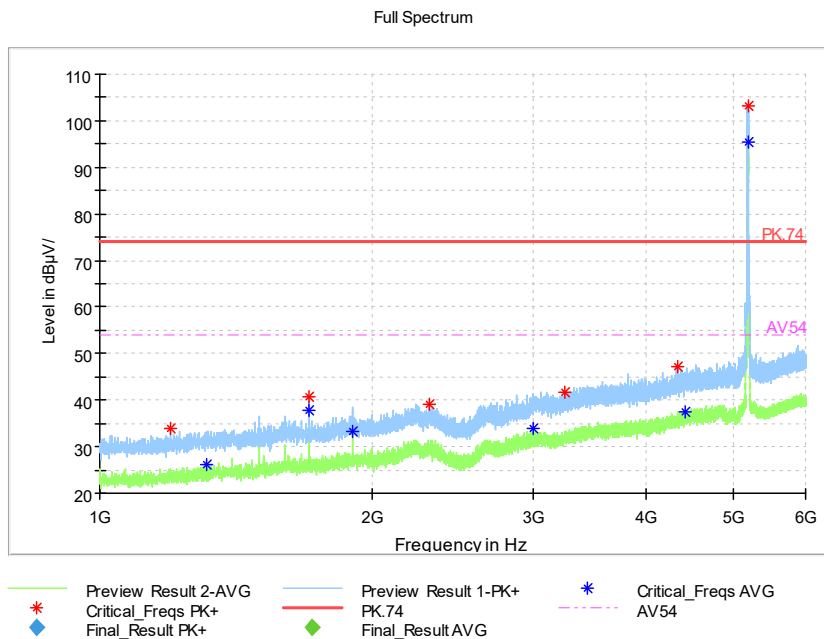


Frequency Range: 9kHz -30MHz

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

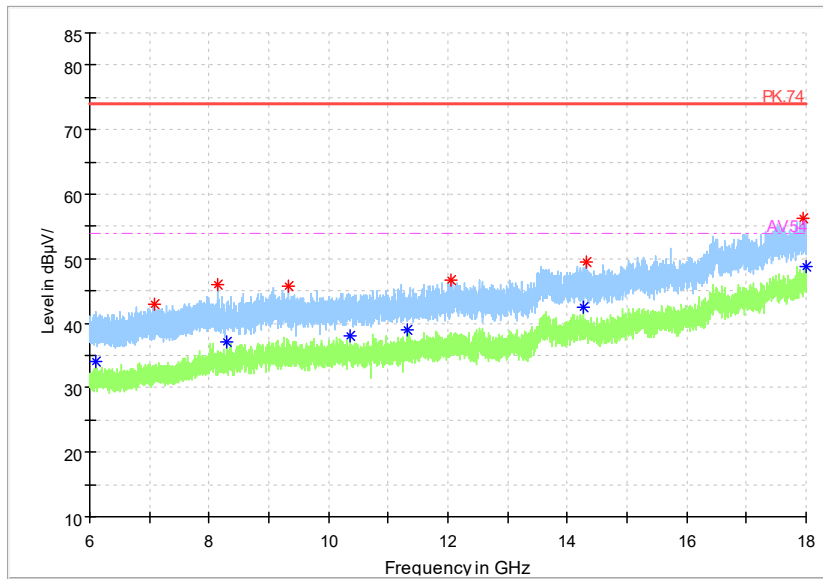


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



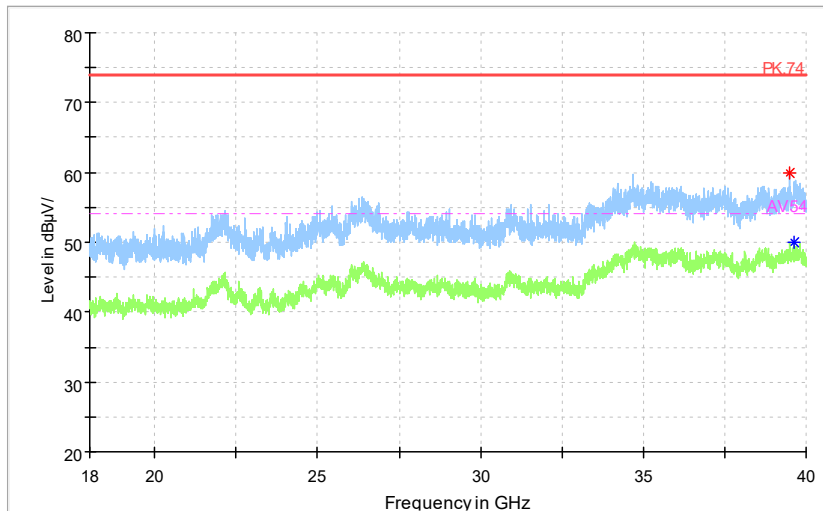
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



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

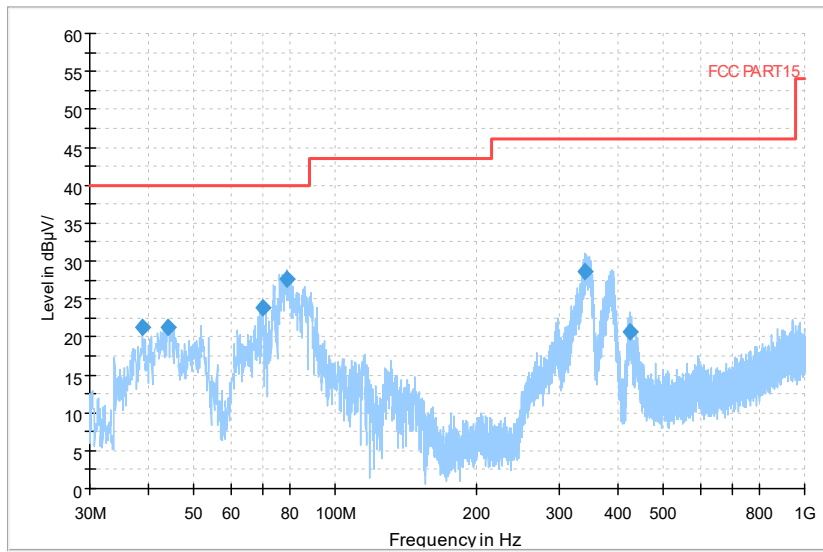
Full Spectrum



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

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

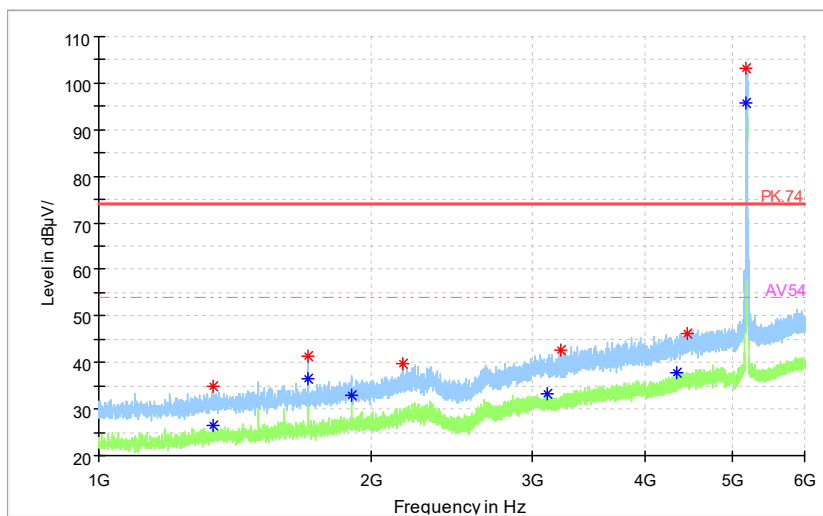
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

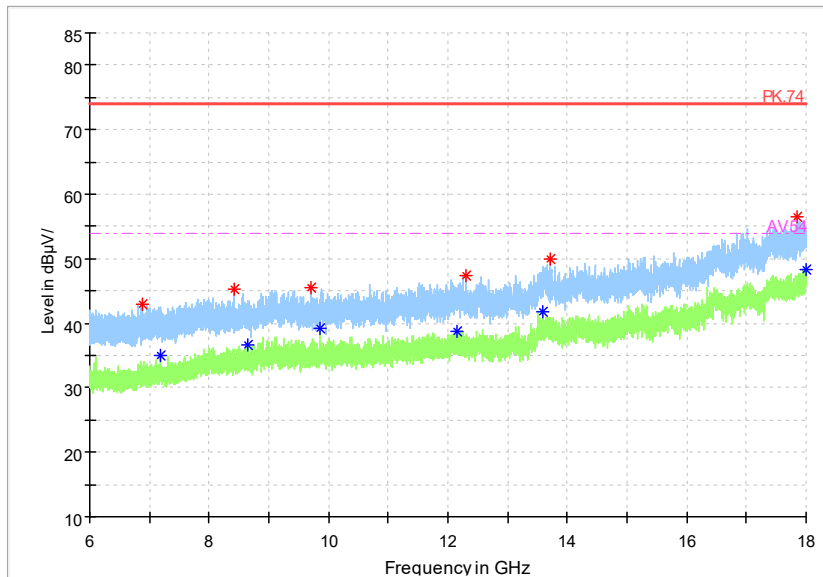
Full Spectrum



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

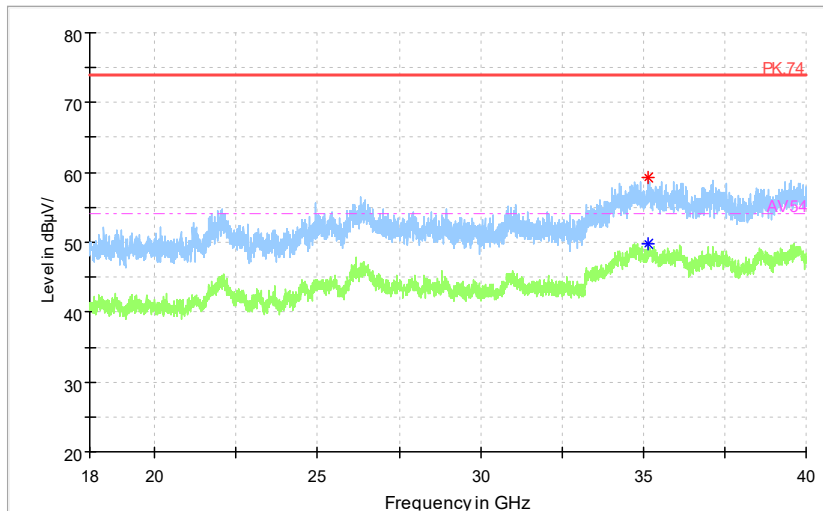
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT20)

Full Spectrum



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

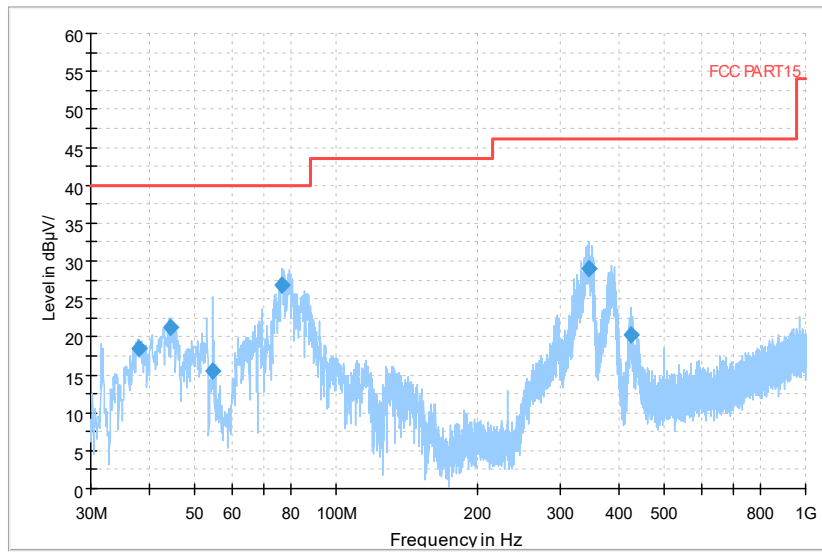
Full Spectrum



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

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

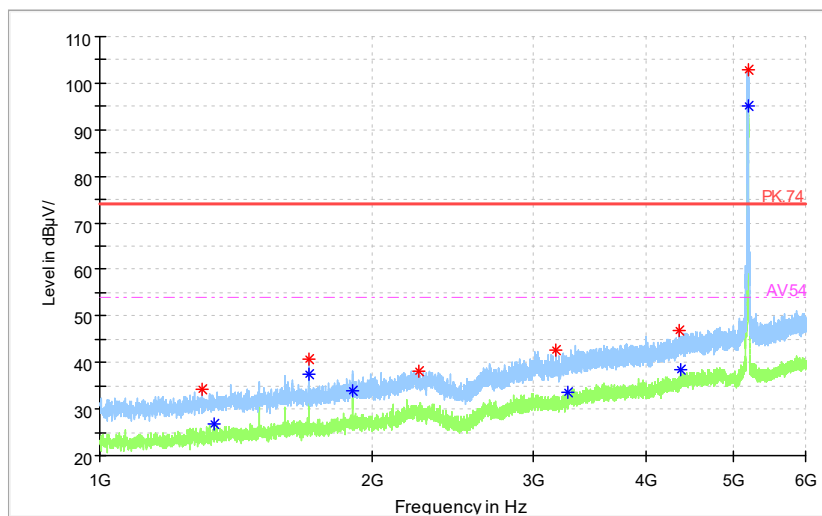
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

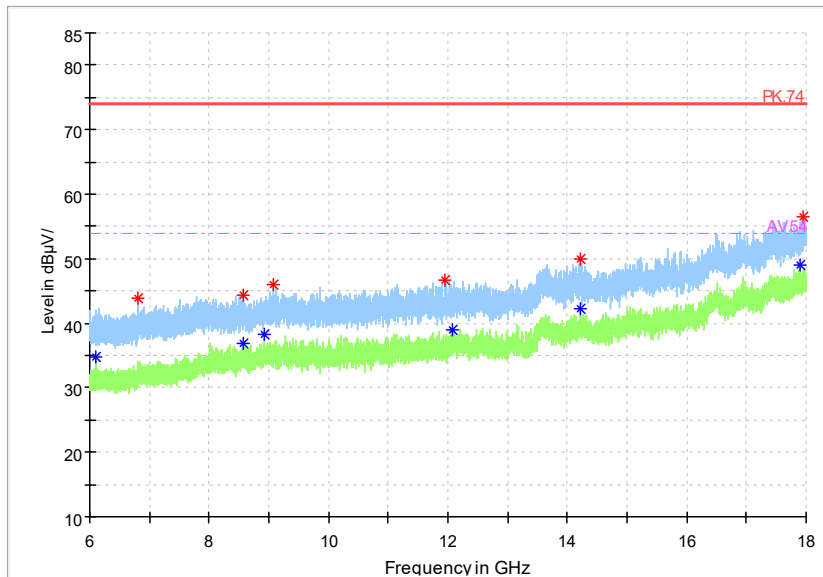
Full Spectrum



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

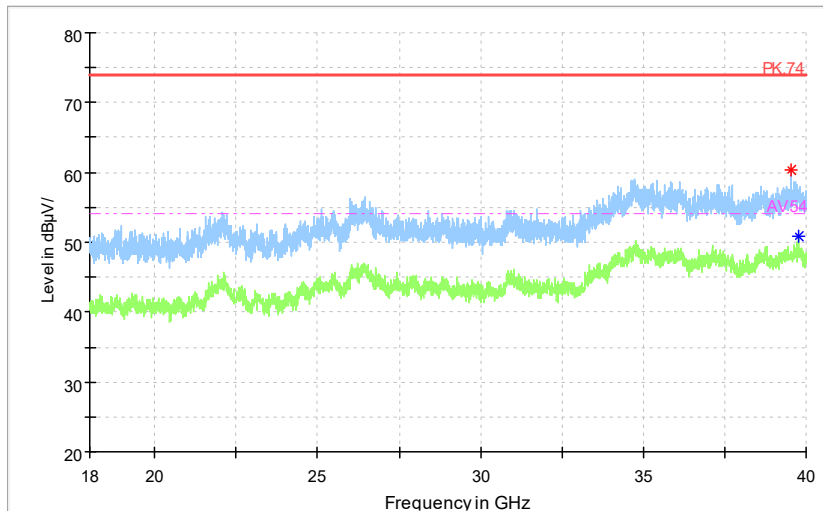
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

Full Spectrum

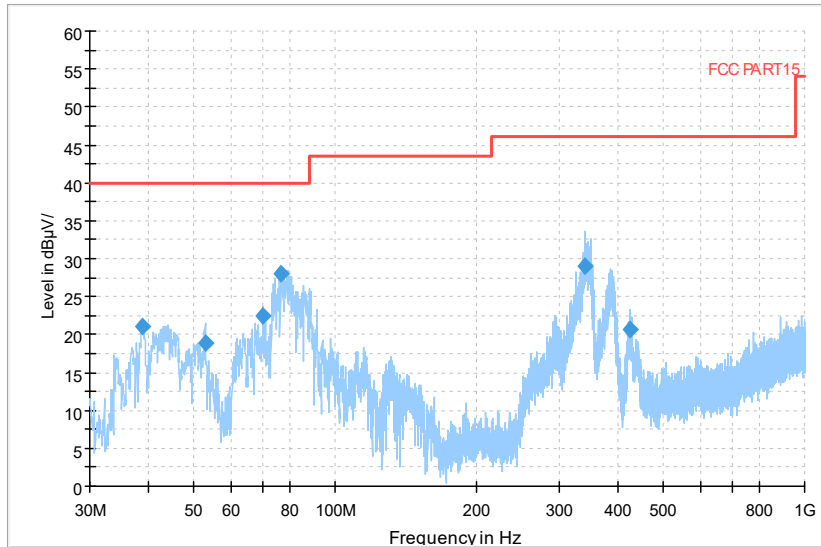


Preview Result 2-AVG	Preview Result 1-PK+	Critical_Freqs AVG
Critical_Freqs PK+	PK.74	AV54
Final_Result PK+	Final_ResultAVG	

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

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

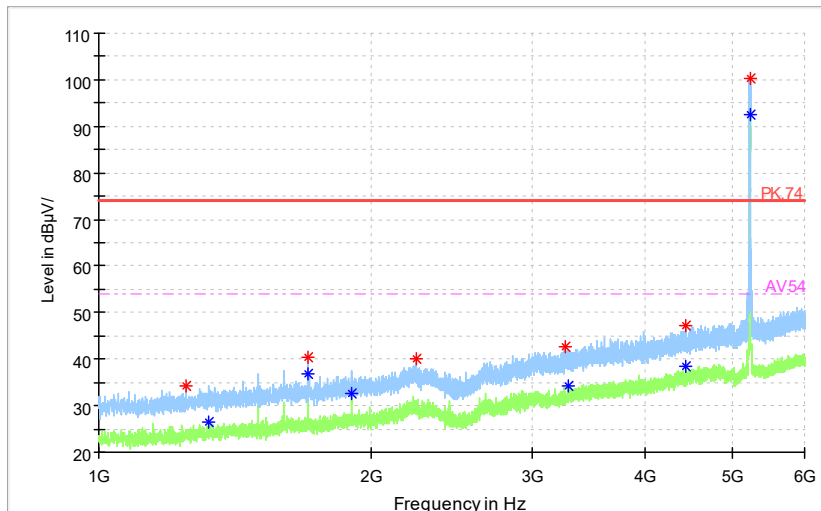
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

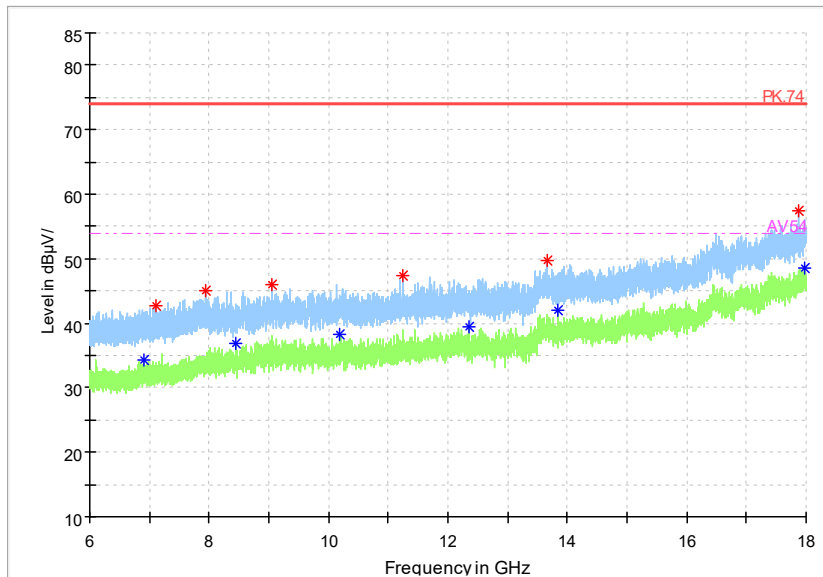
Full Spectrum



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

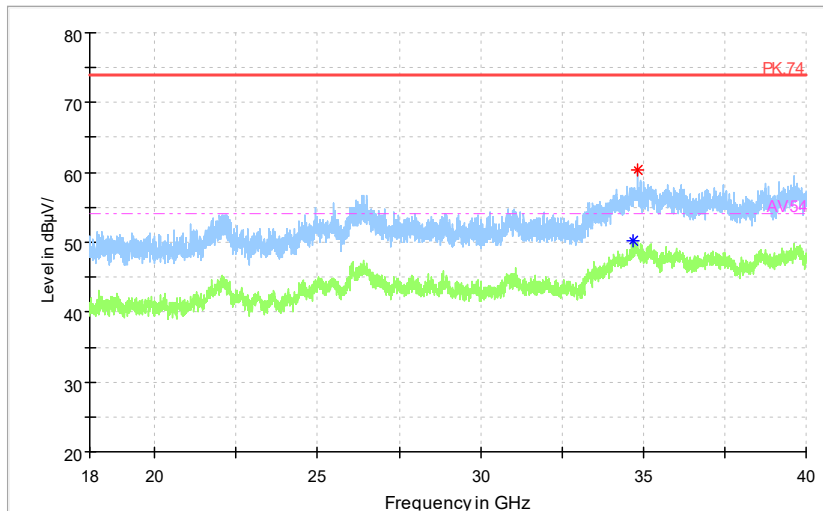
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



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

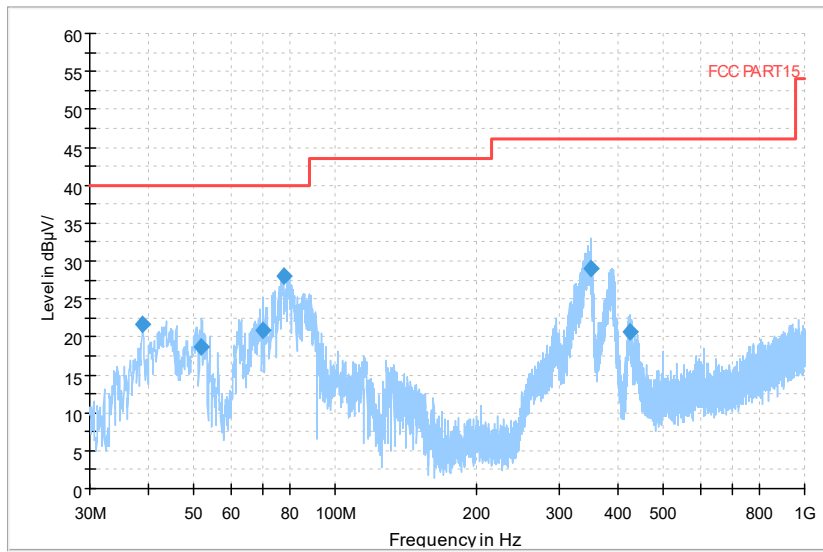
Full Spectrum



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

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

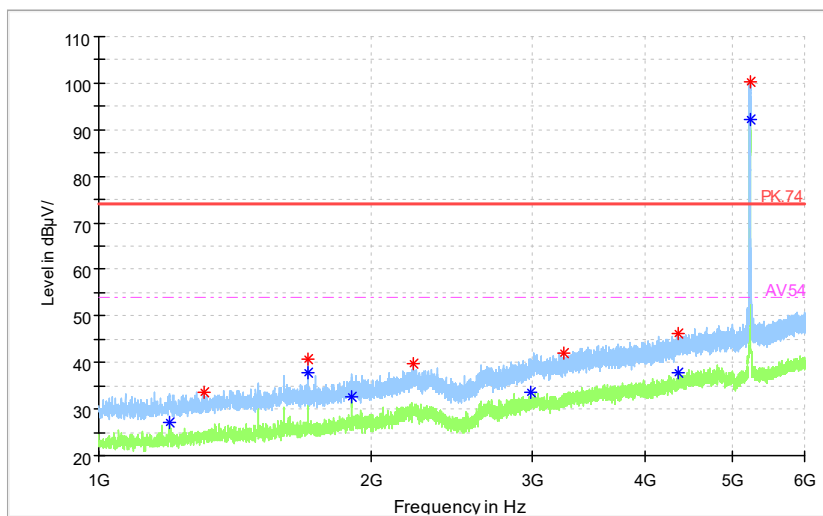
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

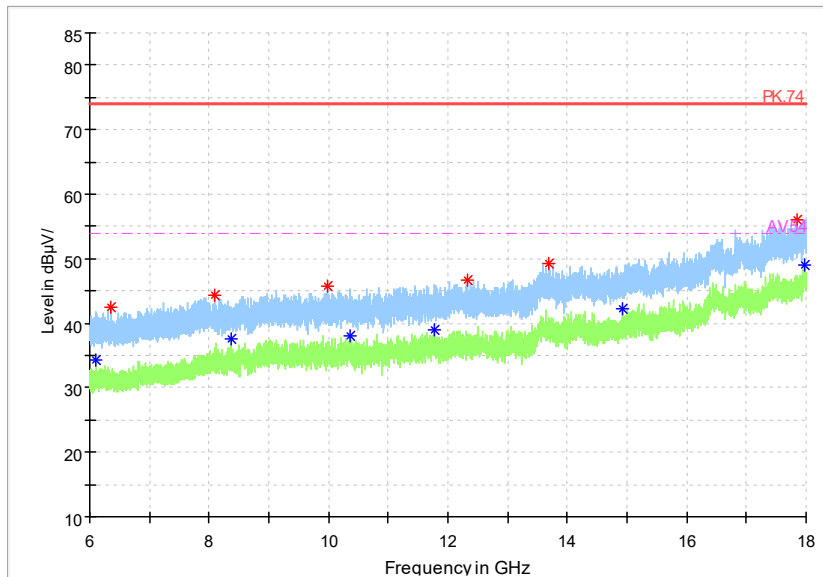
Full Spectrum



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

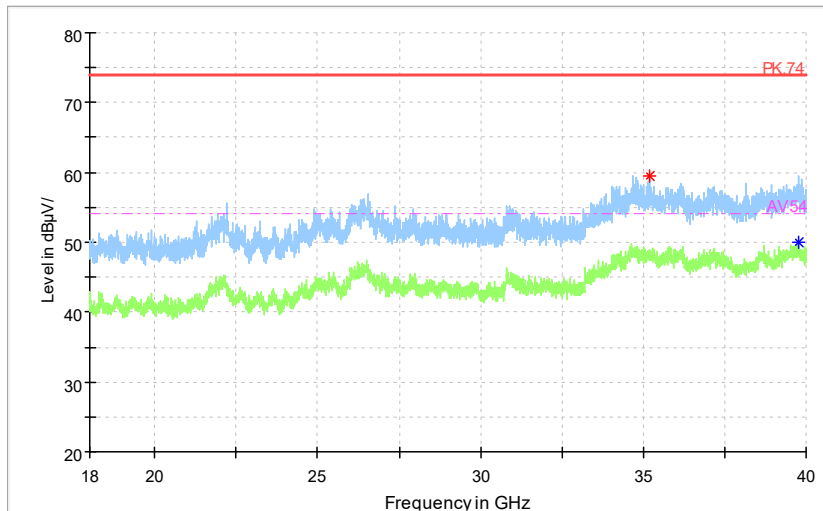
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT20)

Full Spectrum



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

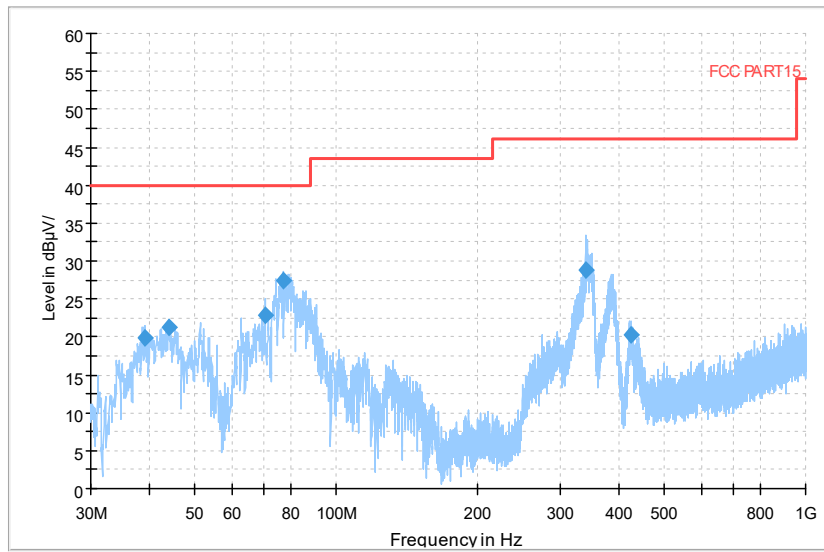
Full Spectrum



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

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

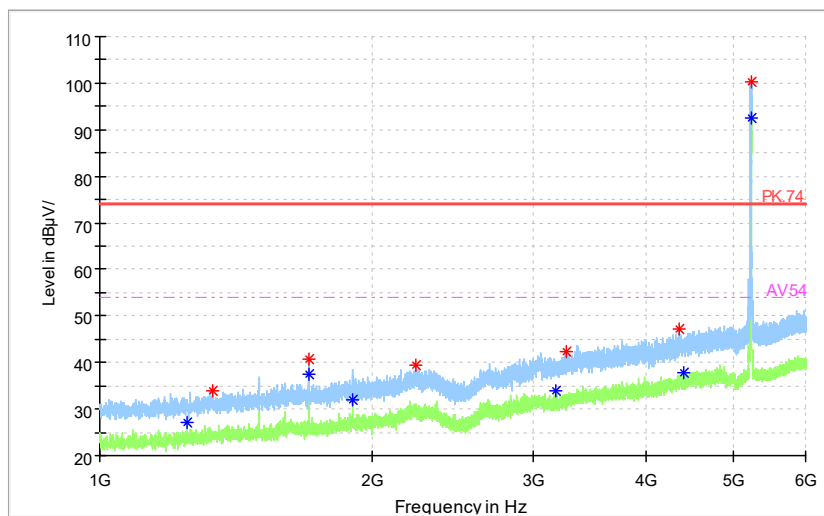
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

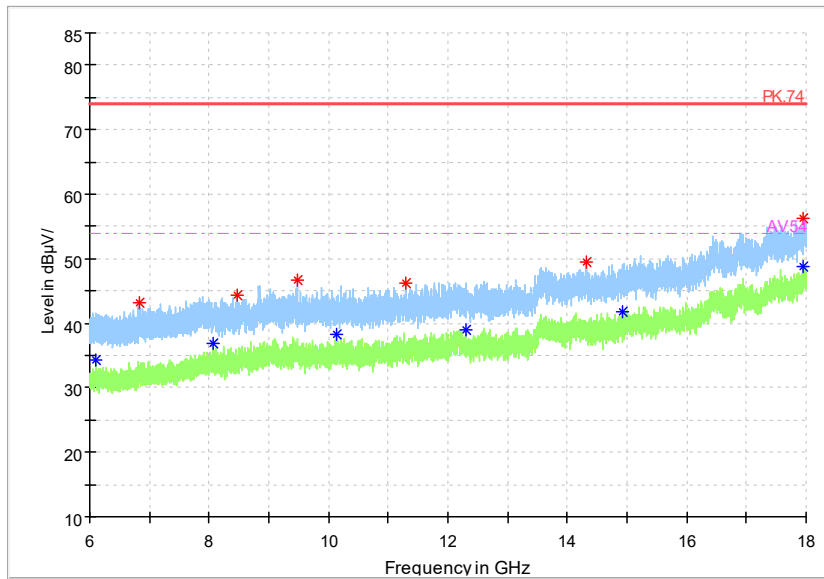
Full Spectrum



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

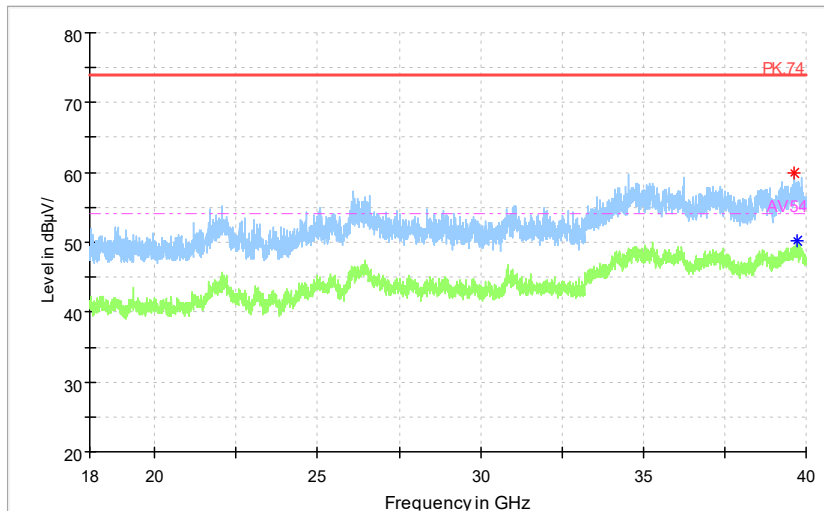
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

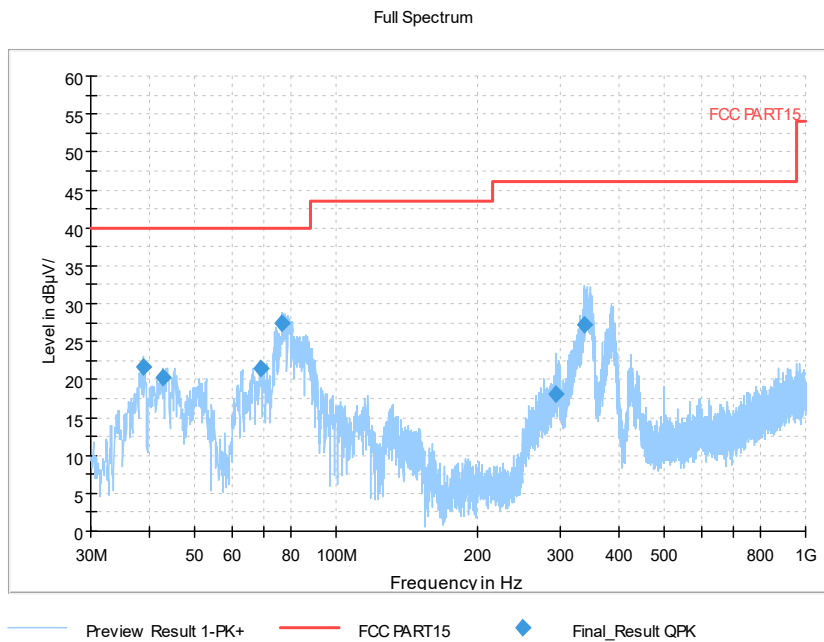
Full Spectrum



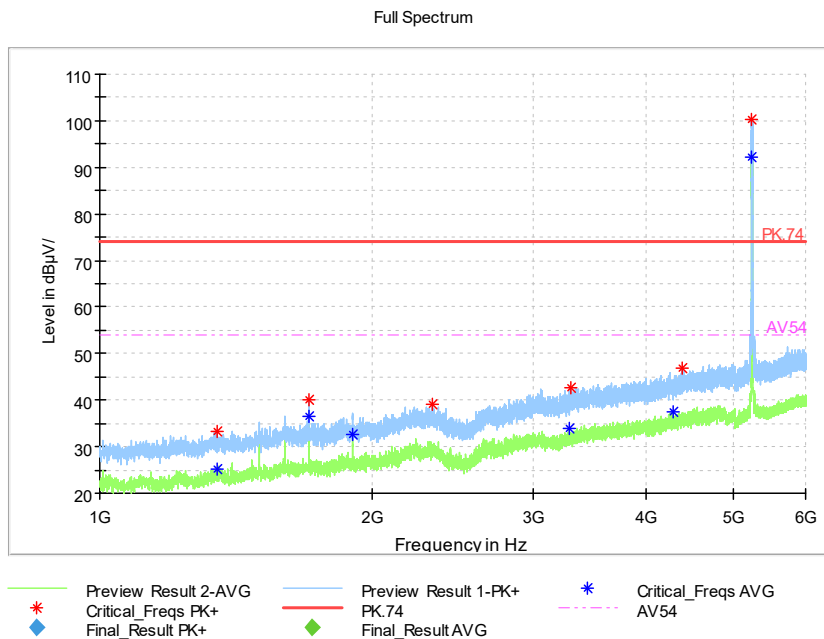
* Preview Result 2-AVG * Preview Result 1-PK+ * Critical_Freqs AVG
♦ Critical_Freqs PK+ — PK.74 - - - AV54
♦ Final_Result AVG

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

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

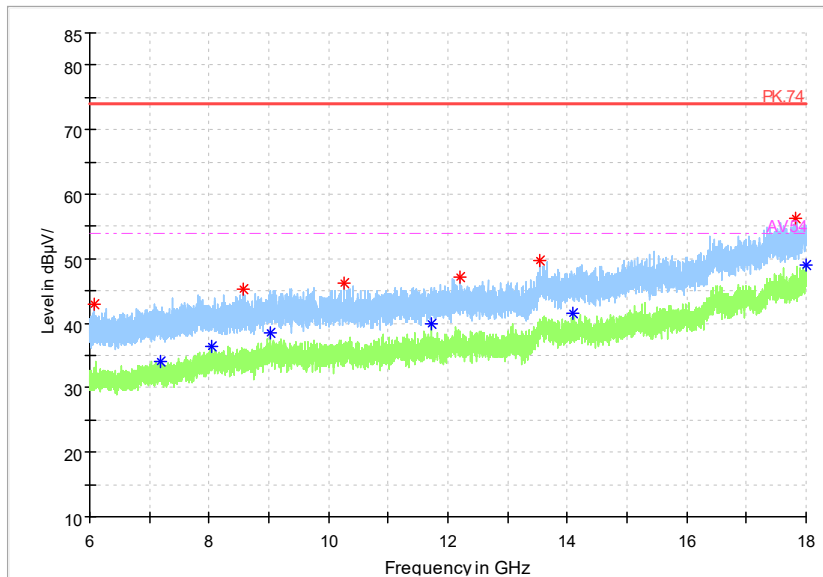


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



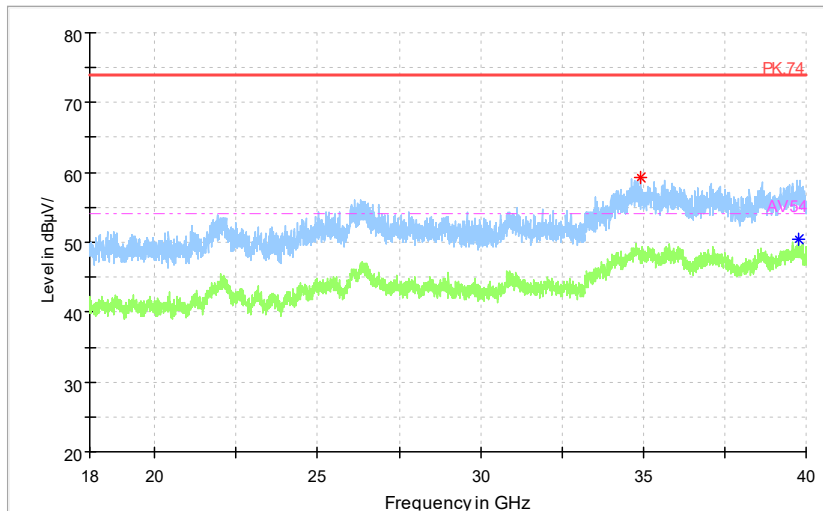
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



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

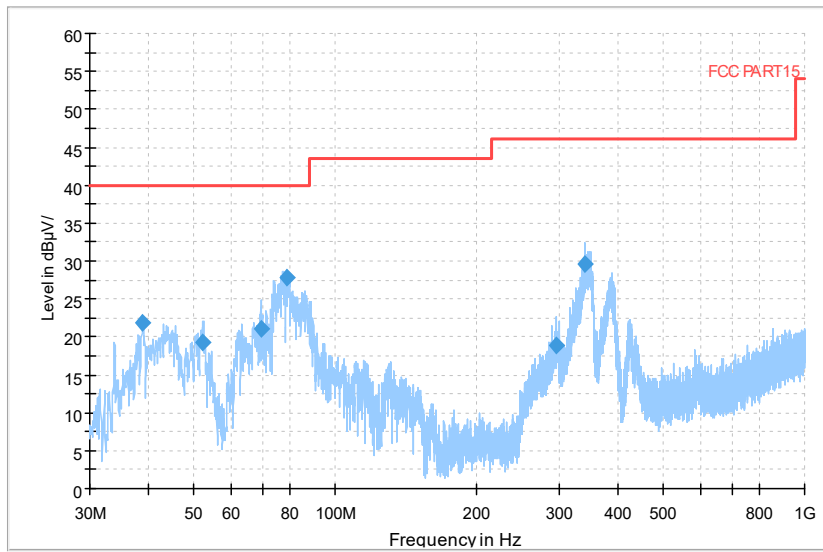
Full Spectrum



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

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

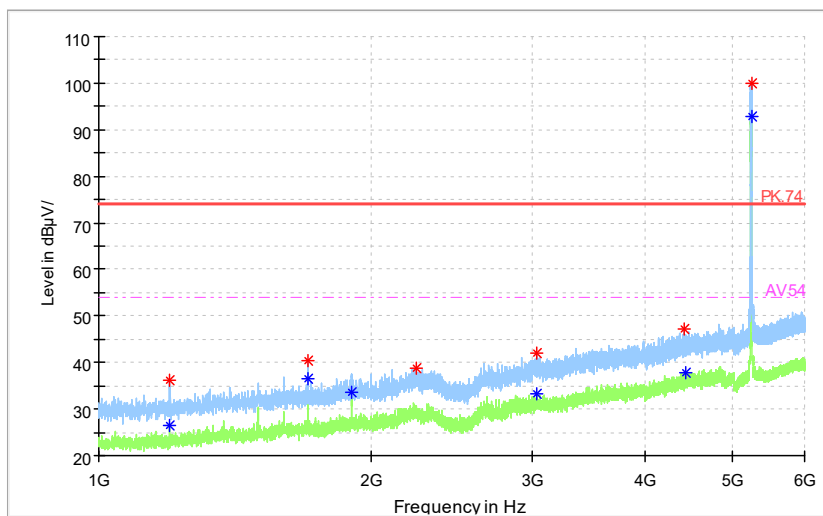
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

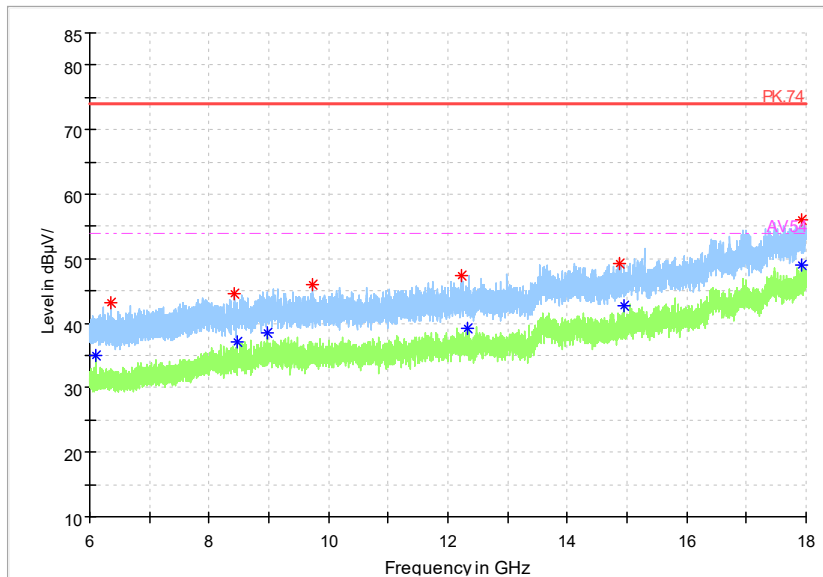
Full Spectrum



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

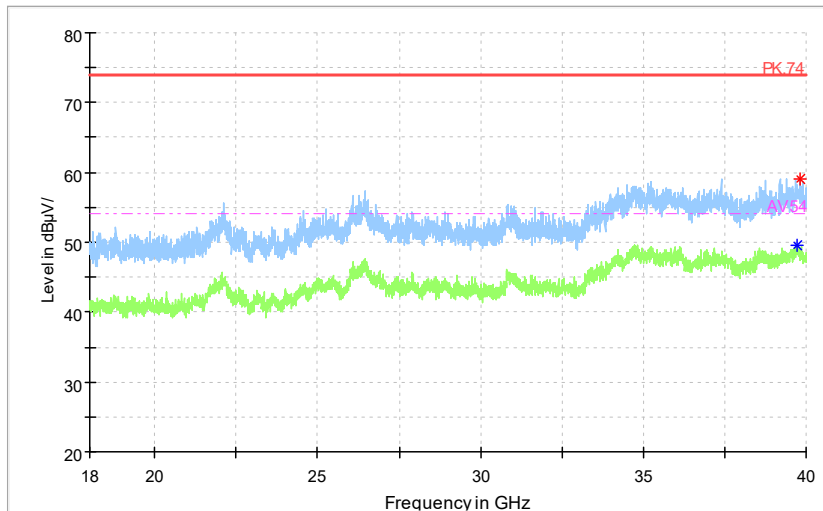
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT20)

Full Spectrum



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

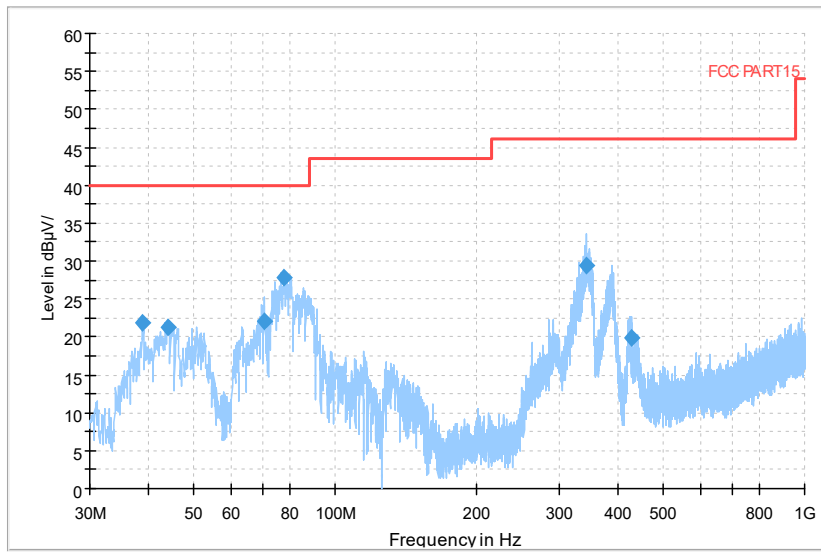
Full Spectrum



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

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

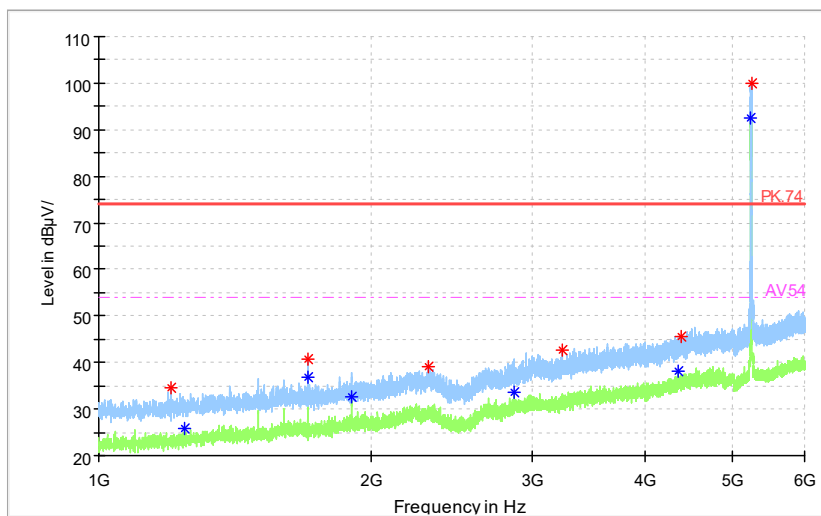
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

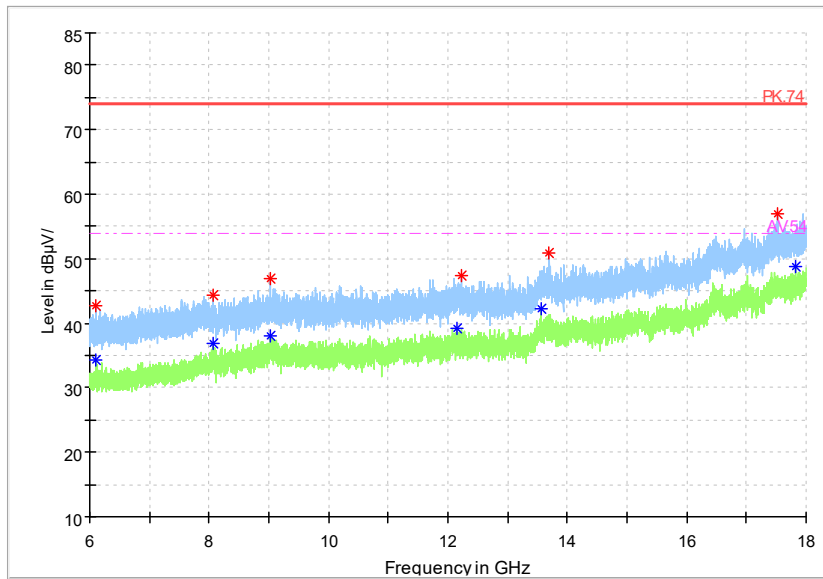
Full Spectrum



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

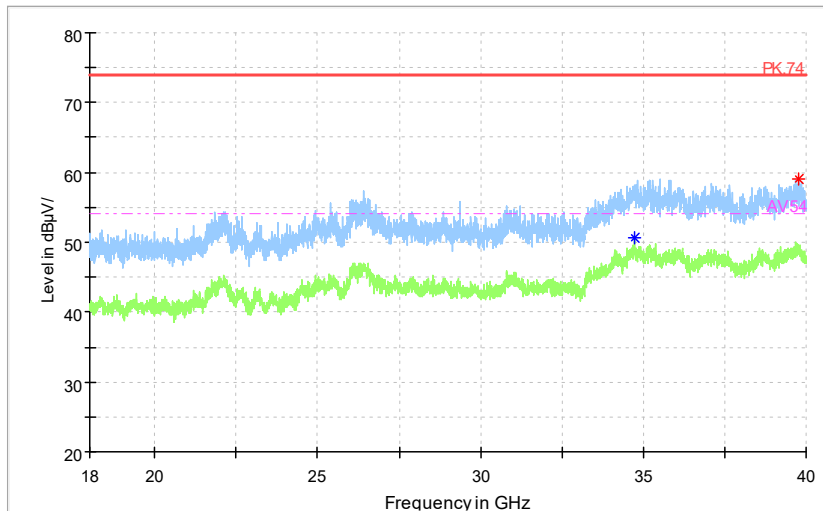
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

Full Spectrum

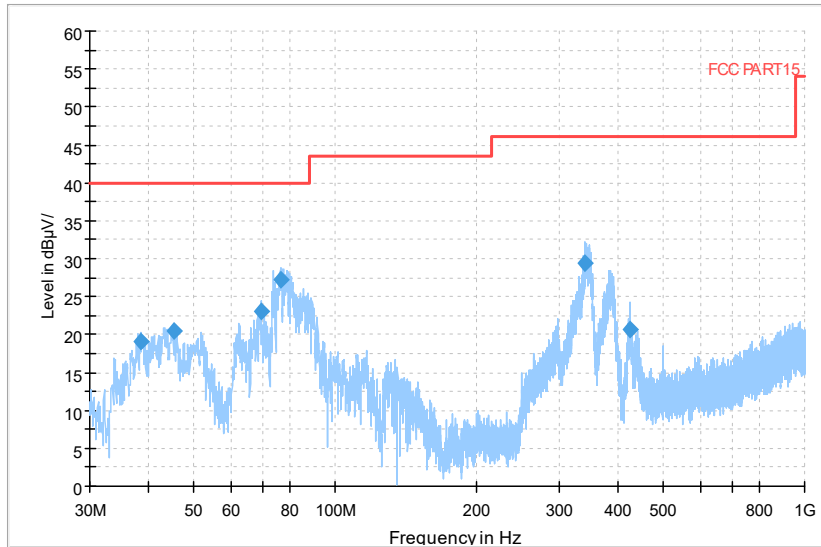


- * Preview Result 2-AVG
- * Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- PK.74
- - - AV54
- ◆ Final_Result PK+
- ◆ Final_ResultAVG

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

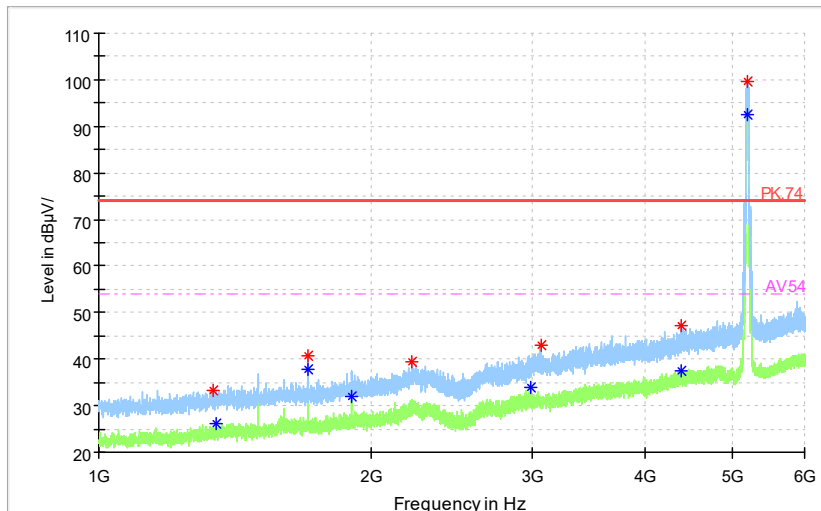
Carrier frequency (MHz): 5190
Channel No.:38

Full Spectrum



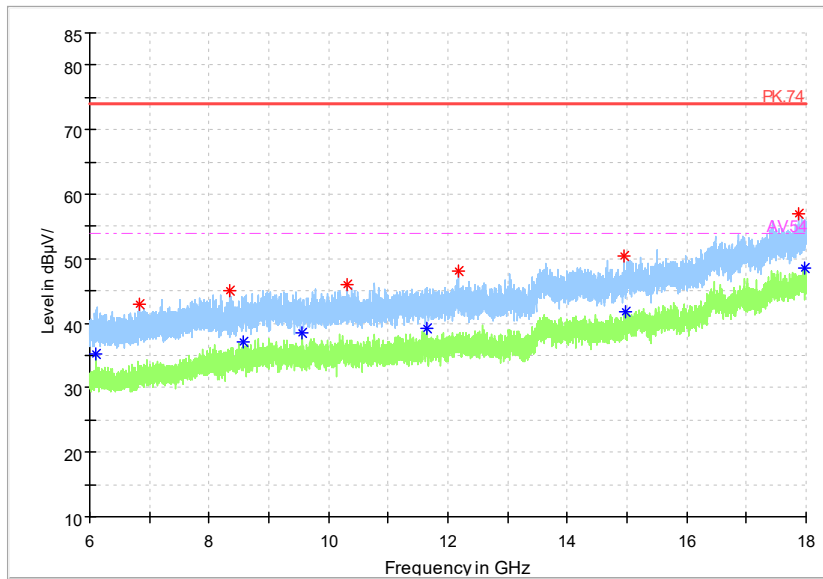
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40)

Full Spectrum



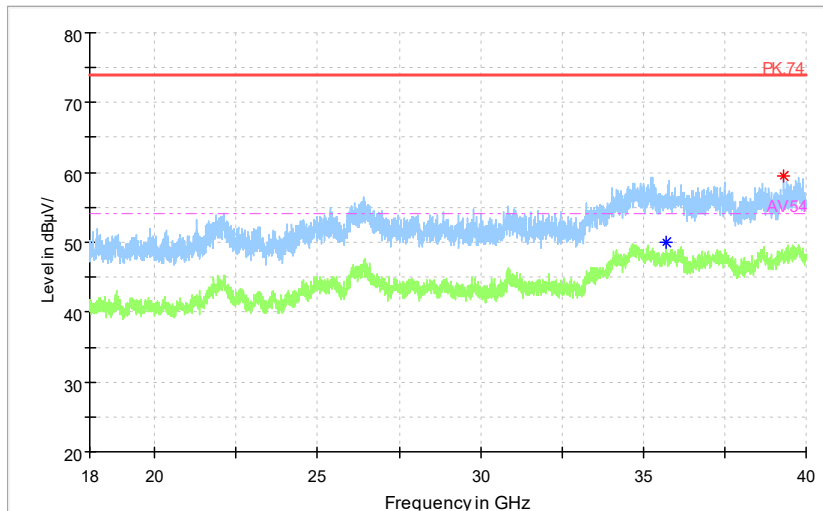
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



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

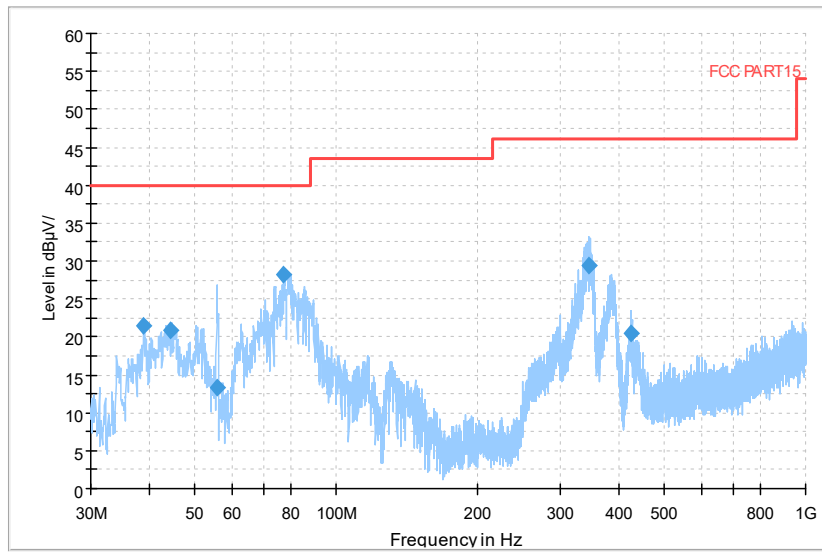
Full Spectrum



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

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

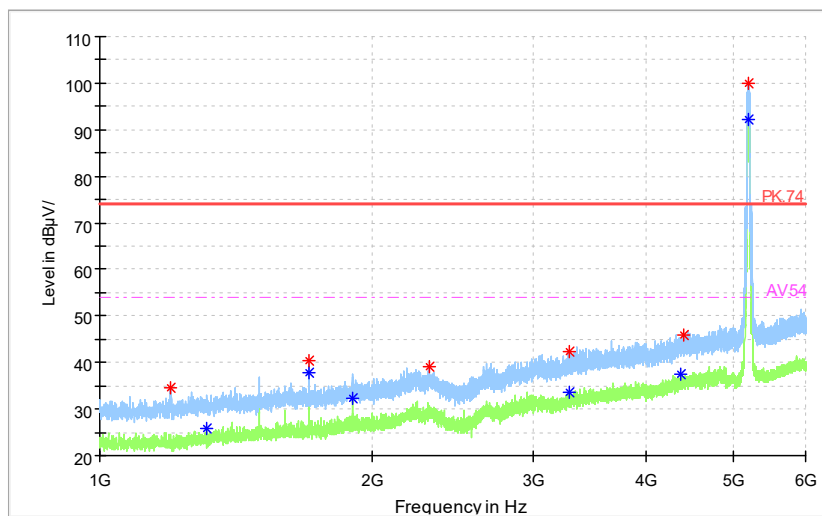
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

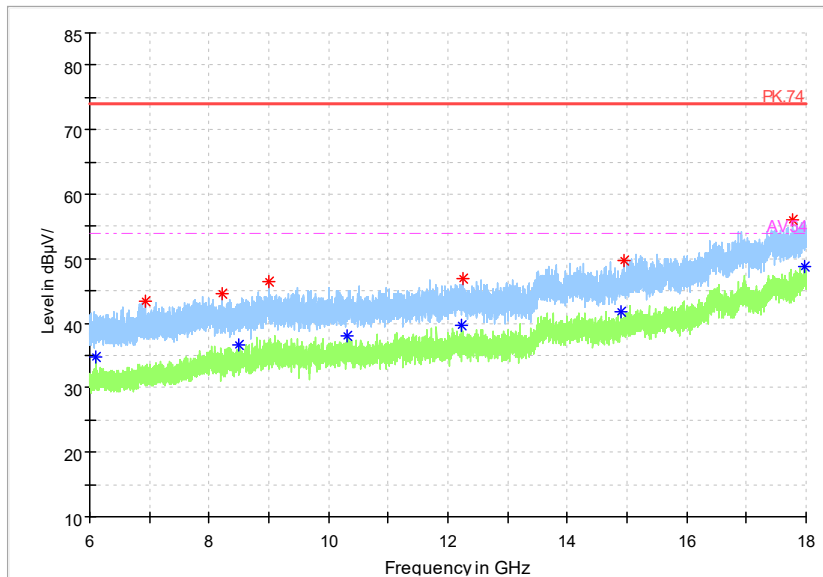
Full Spectrum



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

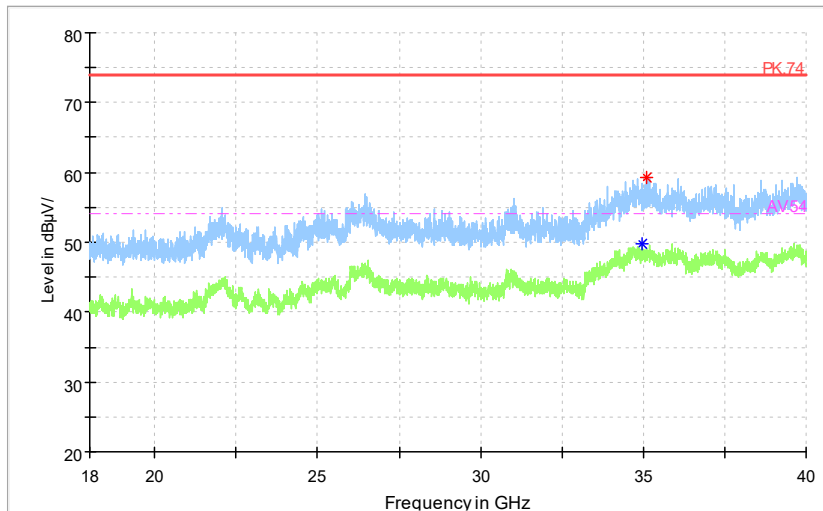
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT40)

Full Spectrum



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

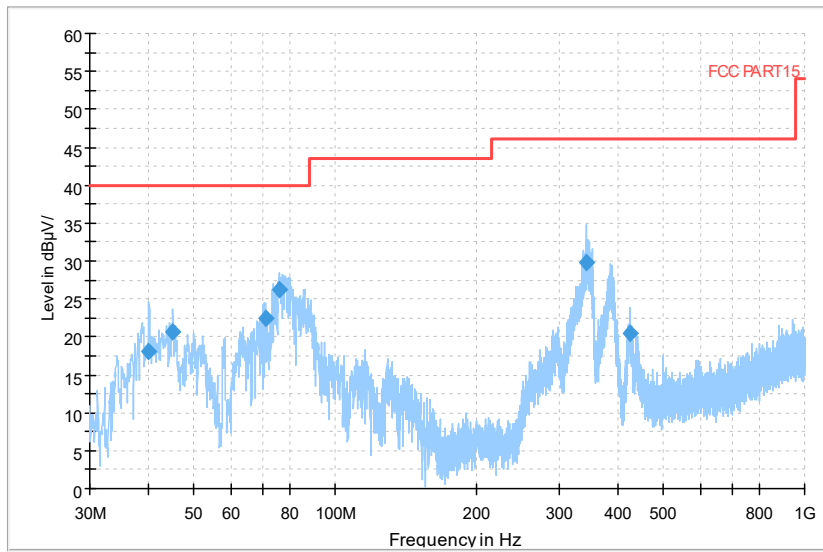
Full Spectrum



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

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

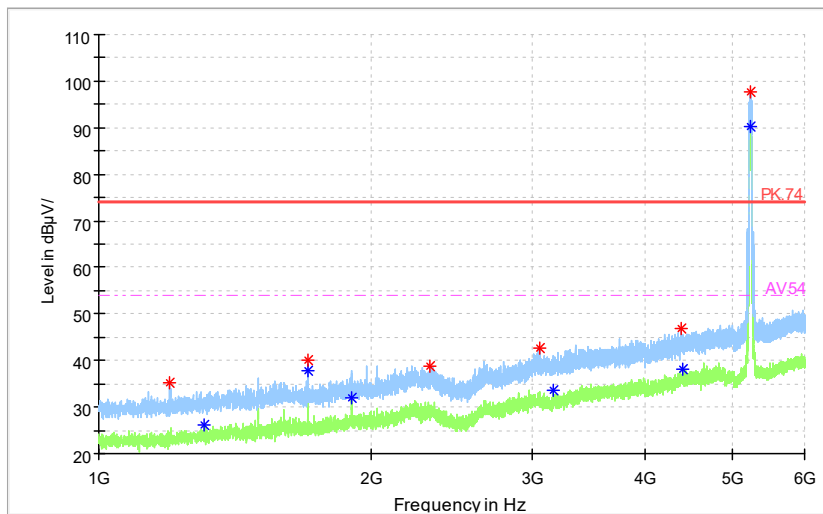
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

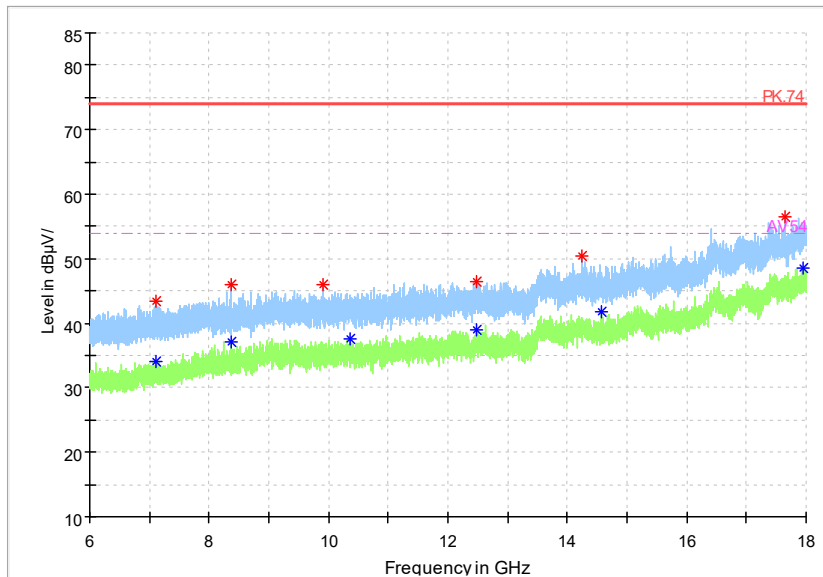
Full Spectrum



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

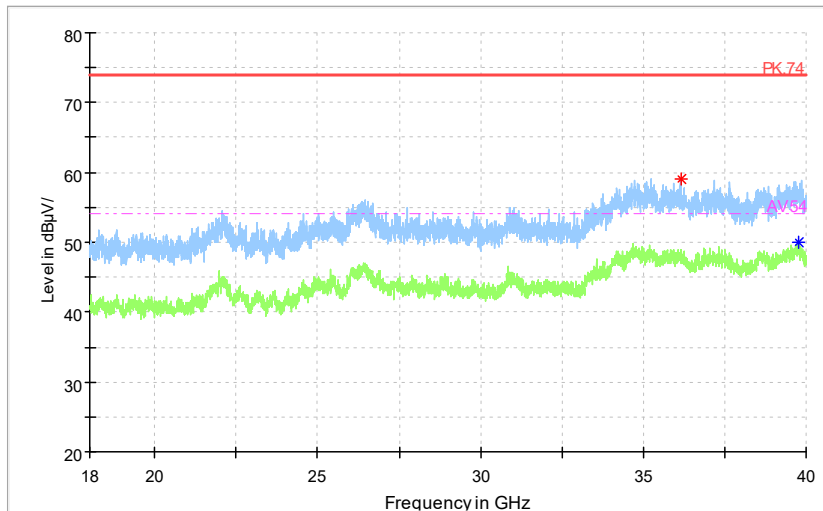
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT40)

Full Spectrum



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

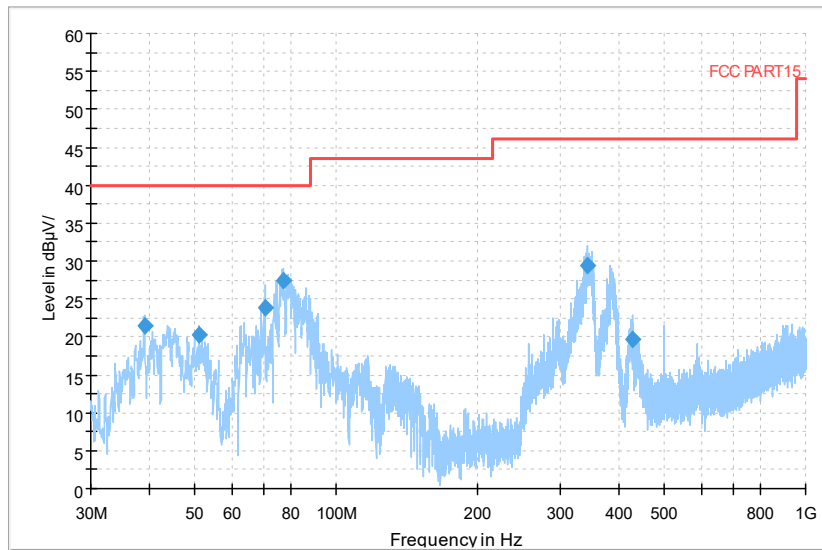
Full Spectrum



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

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

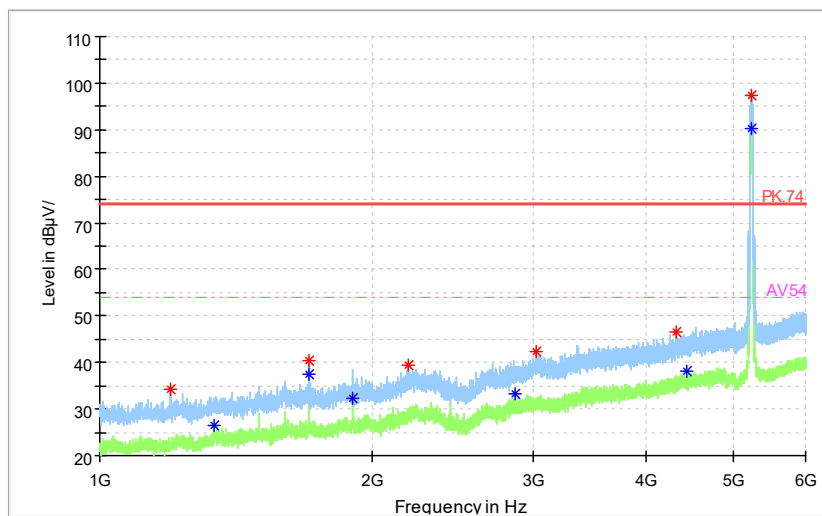
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

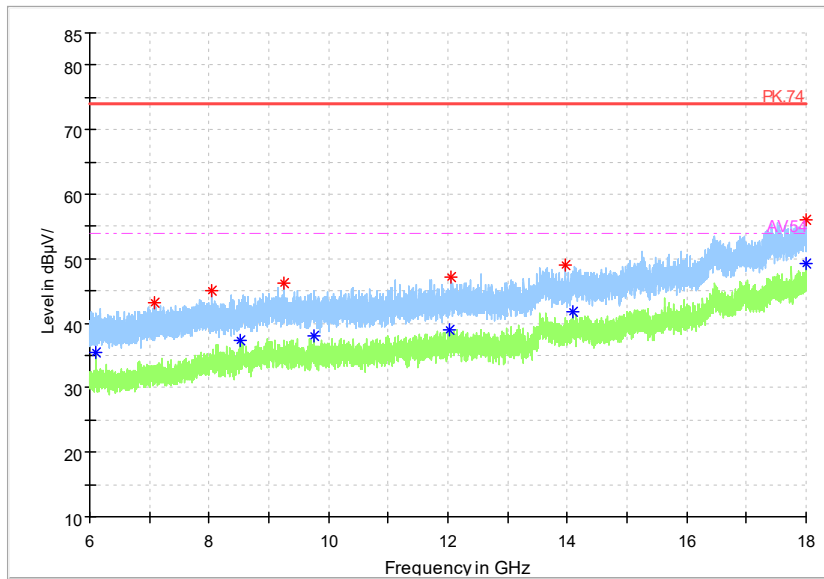
Full Spectrum



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

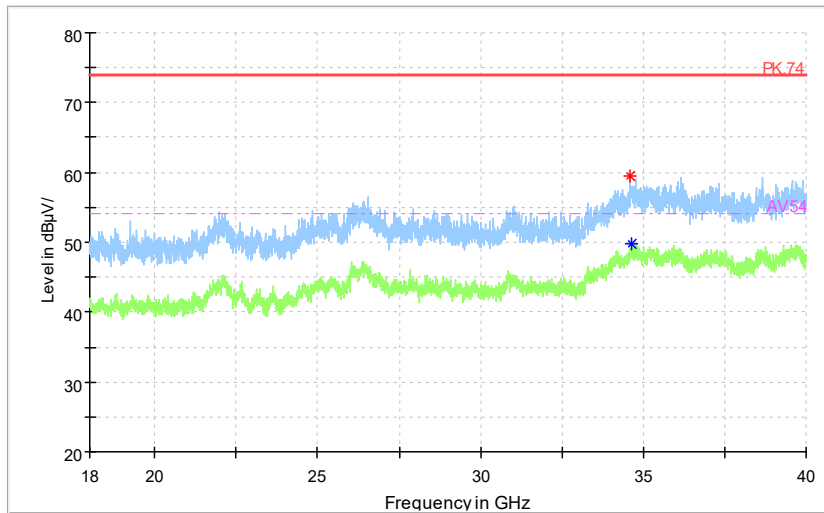
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT40)

Full Spectrum



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

Full Spectrum

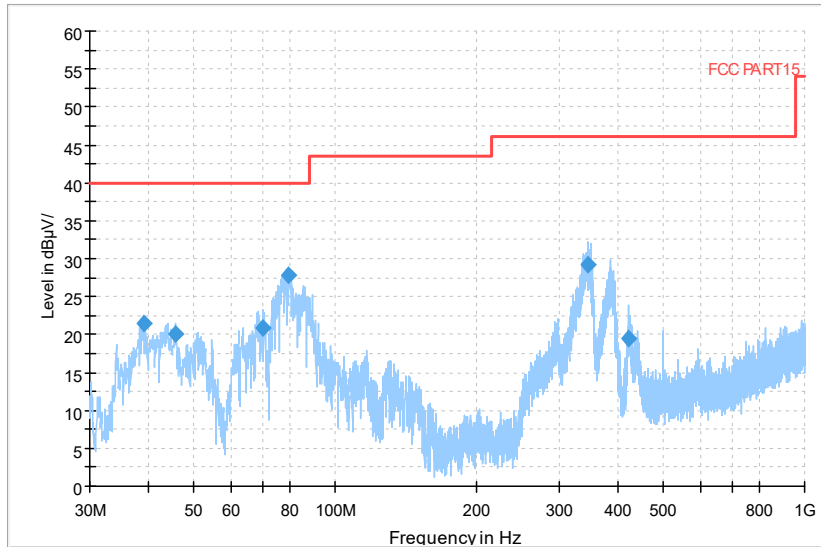


	Preview Result 2-AVG		Preview Result 1-PK+		Critical_Freqs AVG
	Critical_Freqs PK+		PK.74		AV54
	Final_Result PK+		Final_ResultAVG		

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

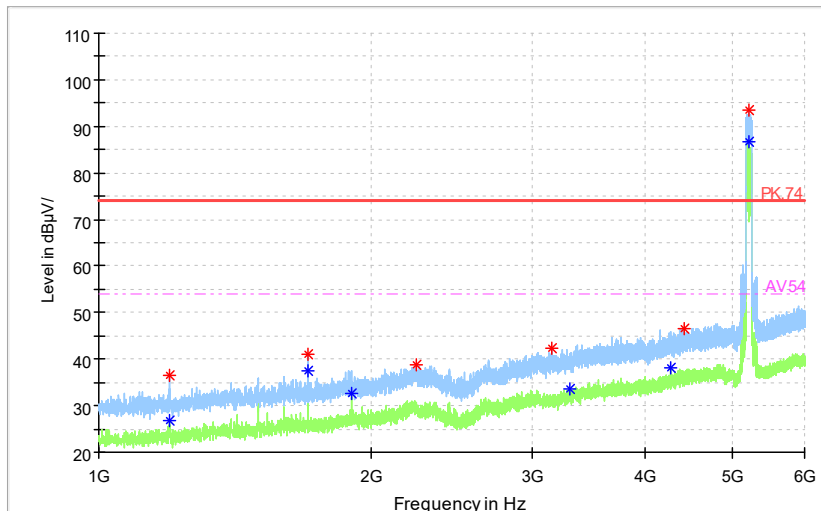
Carrier frequency (MHz): 5210
Channel No.:42

Full Spectrum



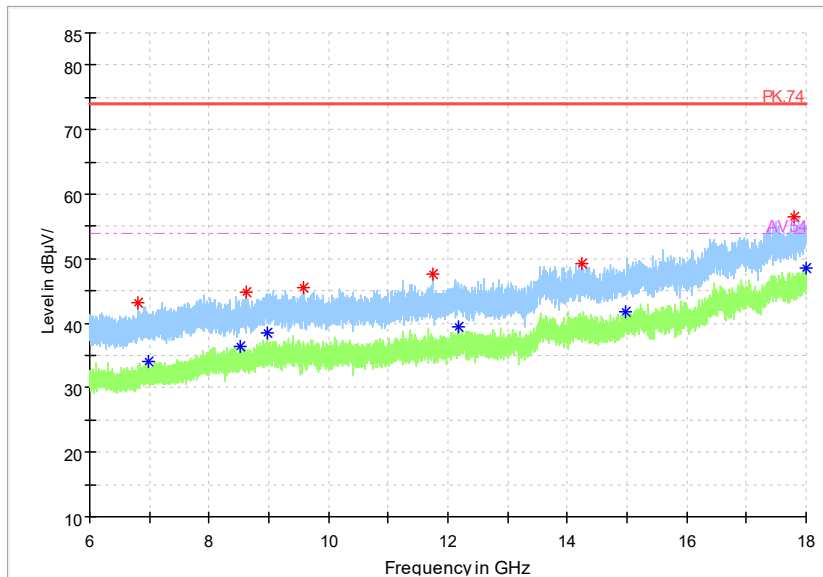
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT80)

Full Spectrum



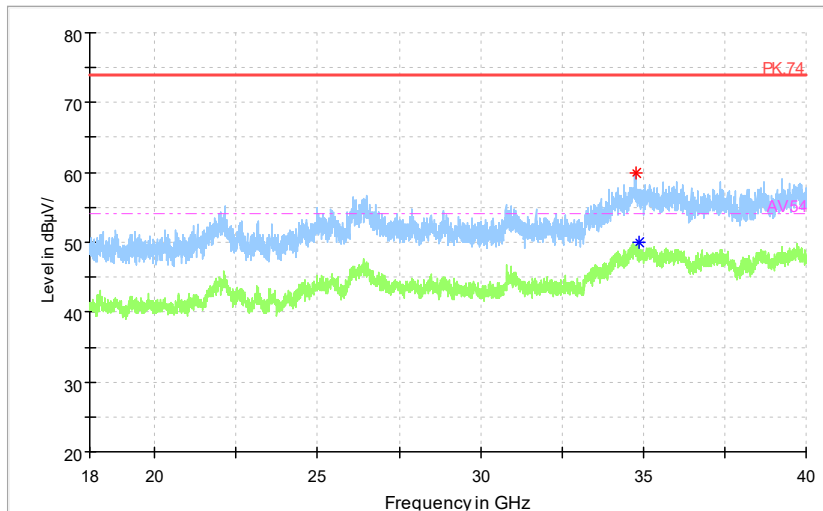
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)






Full Spectrum



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

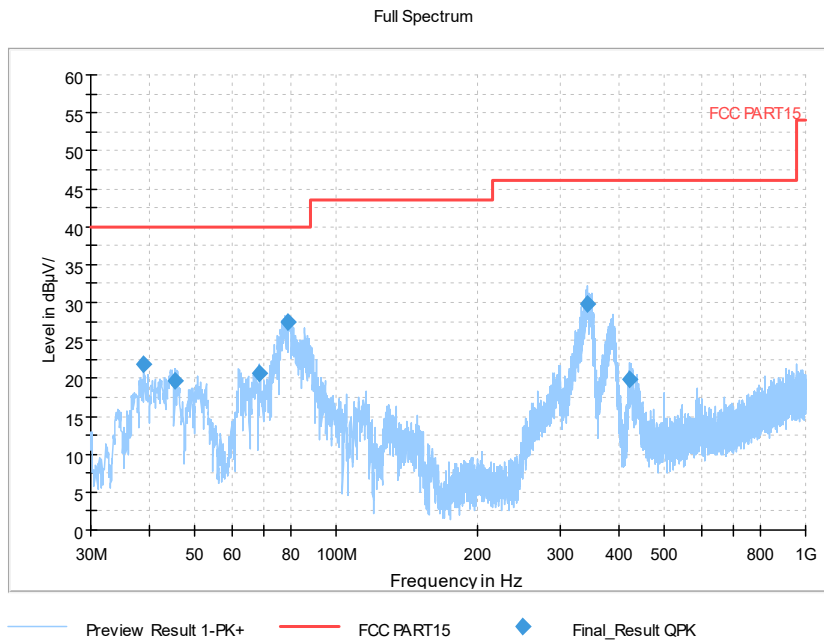
Full Spectrum



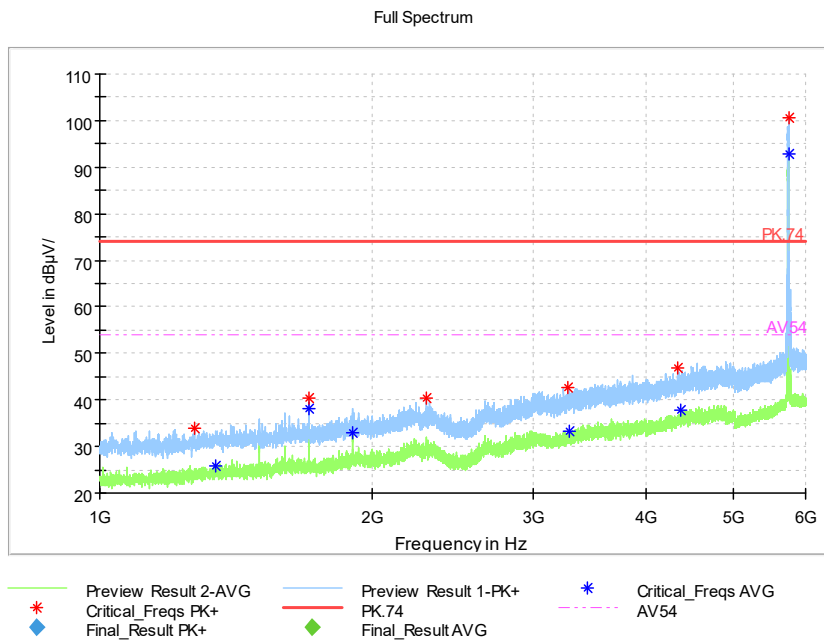
	Preview Result 2-AVG Critical_Freqs PK+		Preview Result 1-PK+ PK.74		Critical_Freqs AVG AV54
	Final_Result PK+		Final_ResultAVG		

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

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

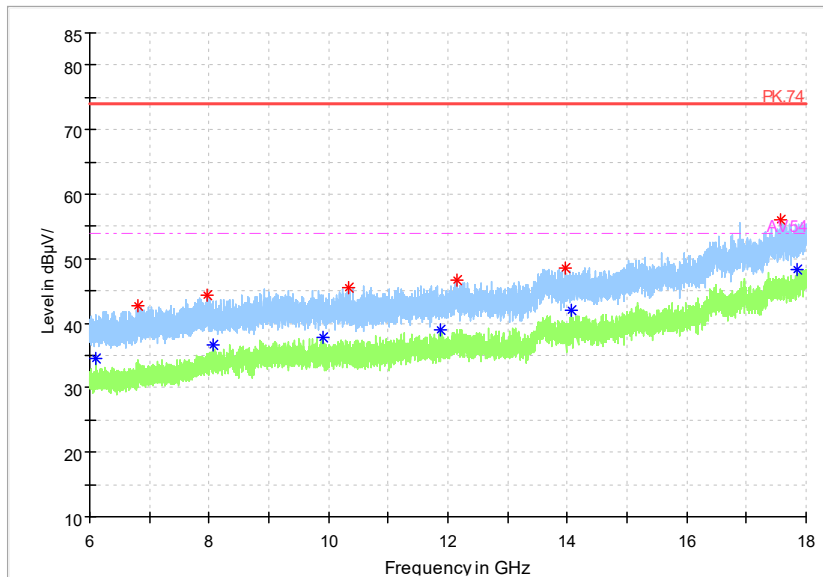


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



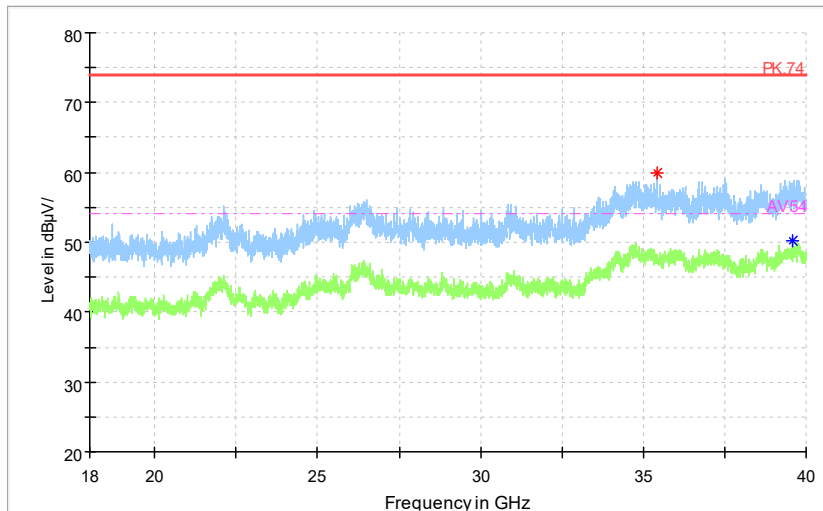
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



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

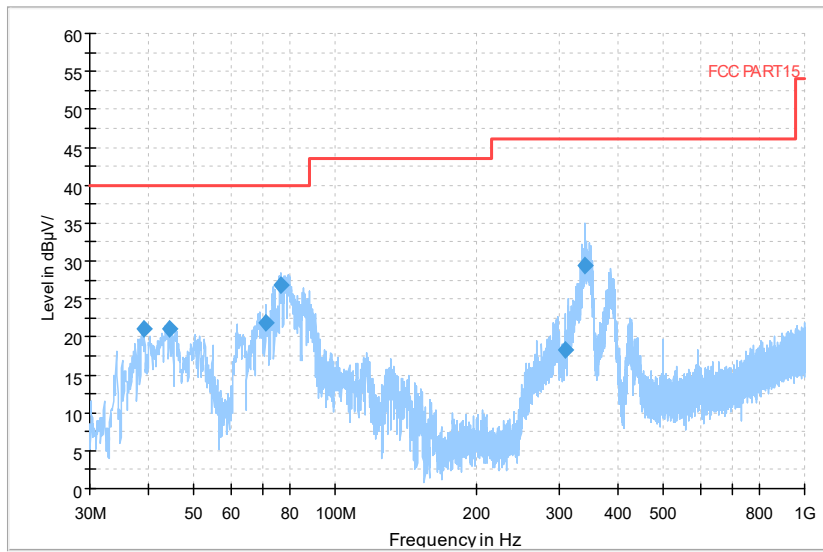
Full Spectrum



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

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

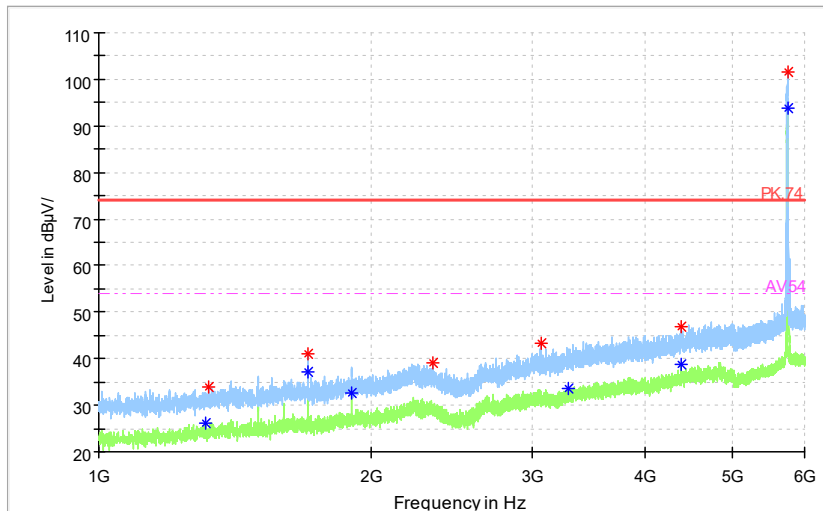
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

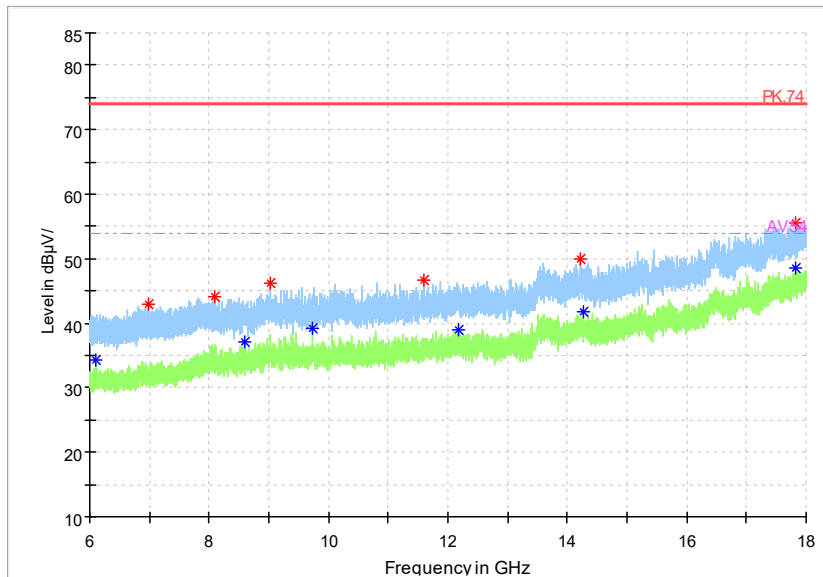
Full Spectrum



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

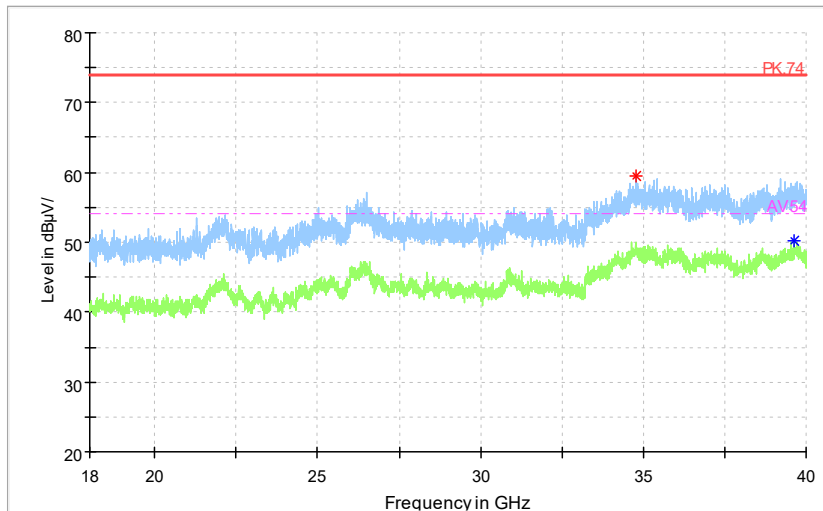
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT20)

Full Spectrum



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

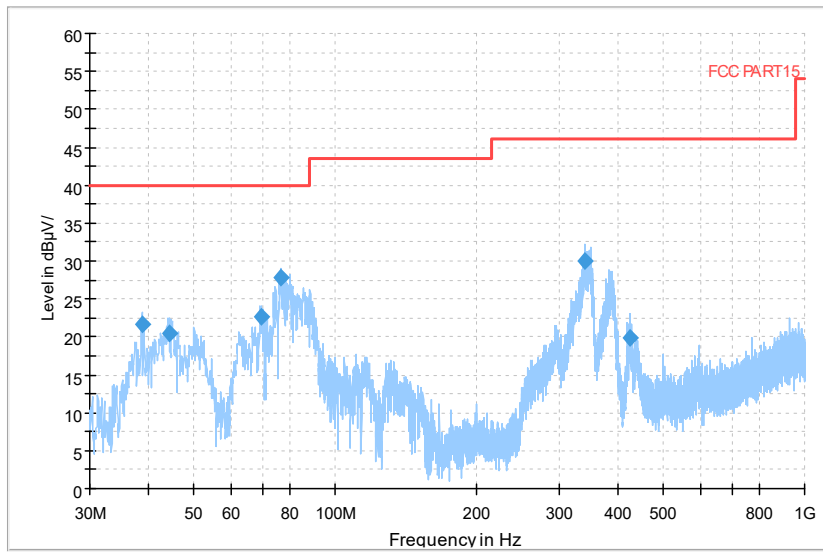
Full Spectrum



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

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

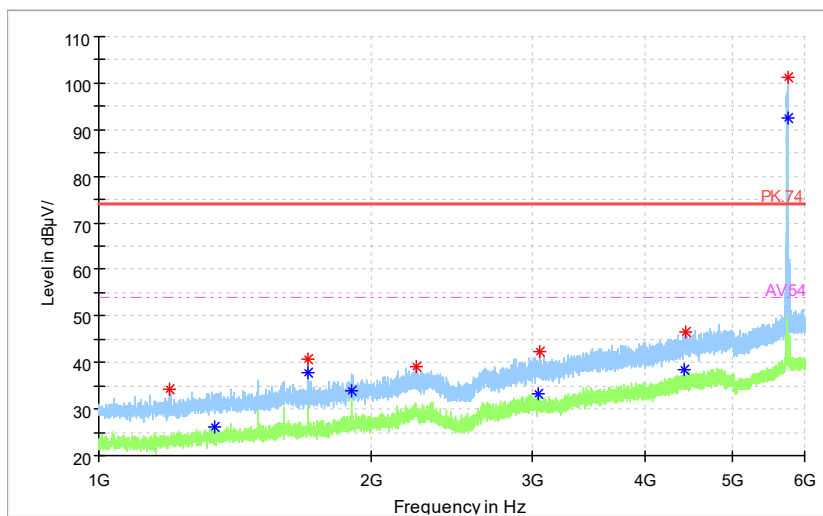
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

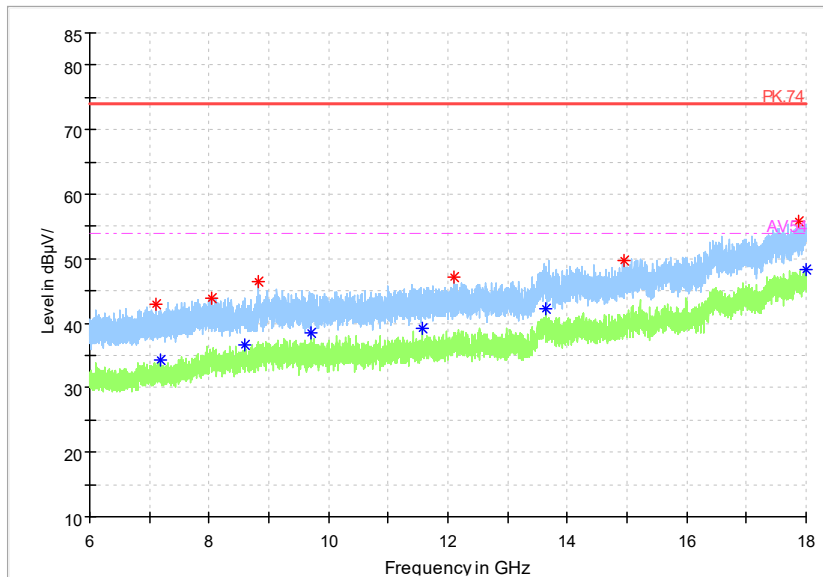
Full Spectrum



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

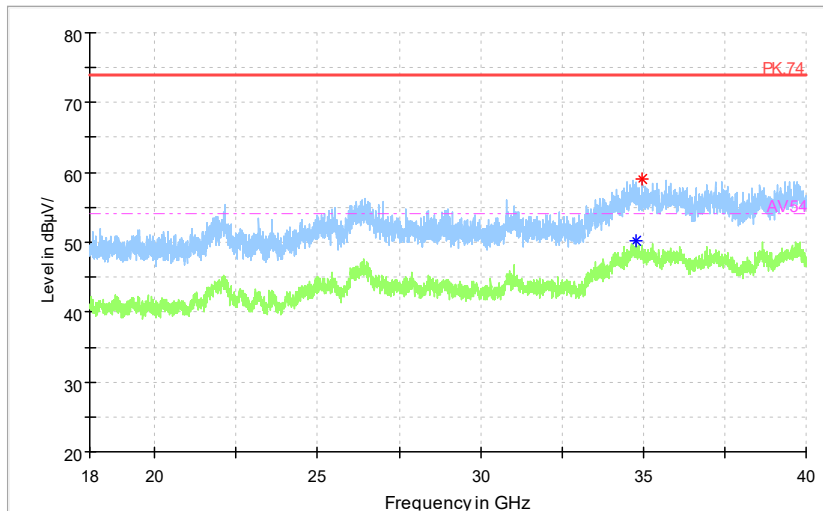
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

Full Spectrum

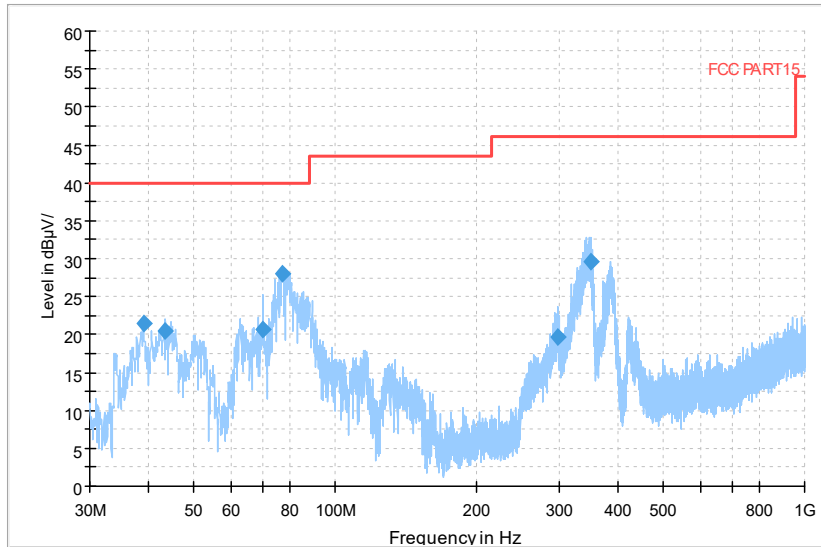


- * Preview Result 2-AVG
- * Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- PK.74
- - - AV54
- ◆ Final_Result PK+
- ◆ Final_ResultAVG

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

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

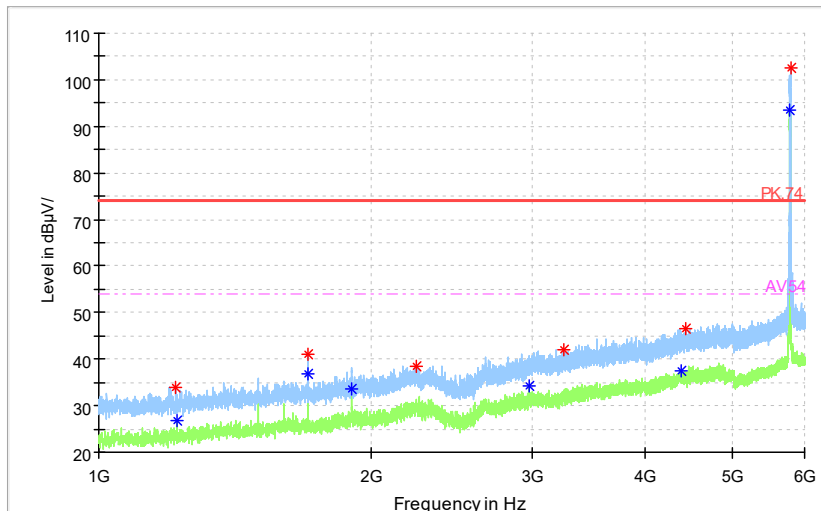
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

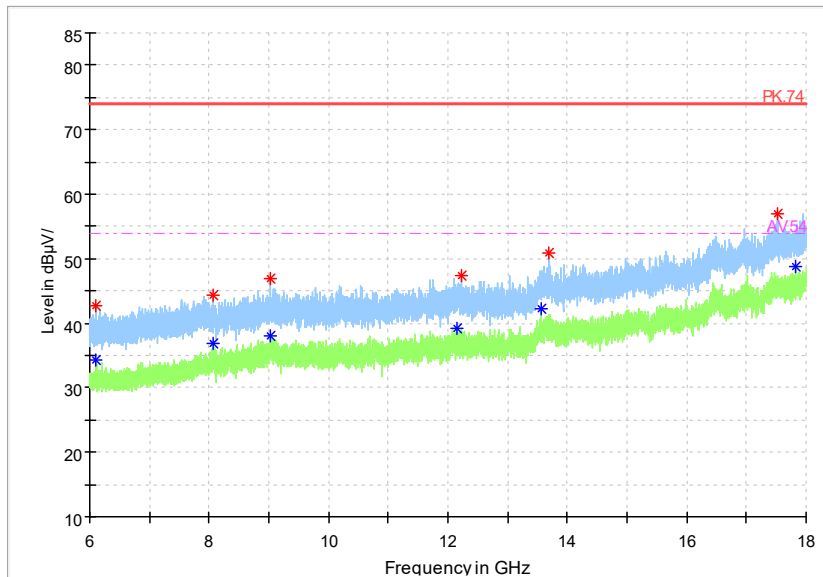
Full Spectrum



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

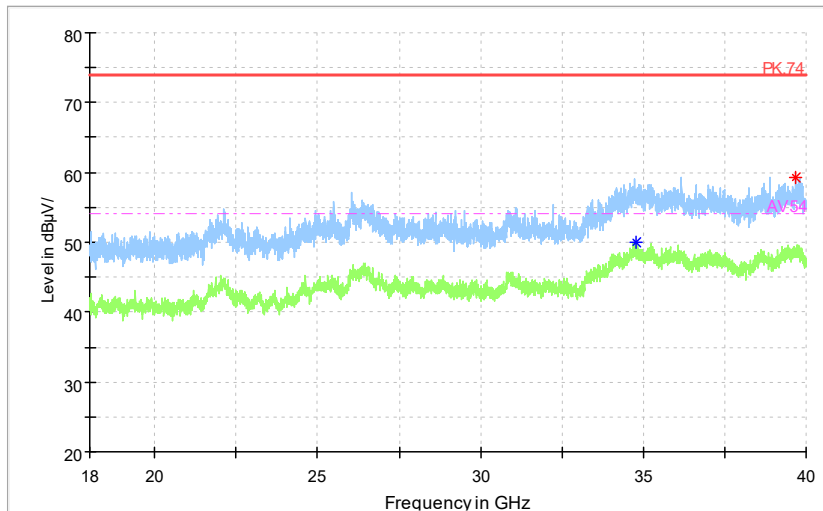
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



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

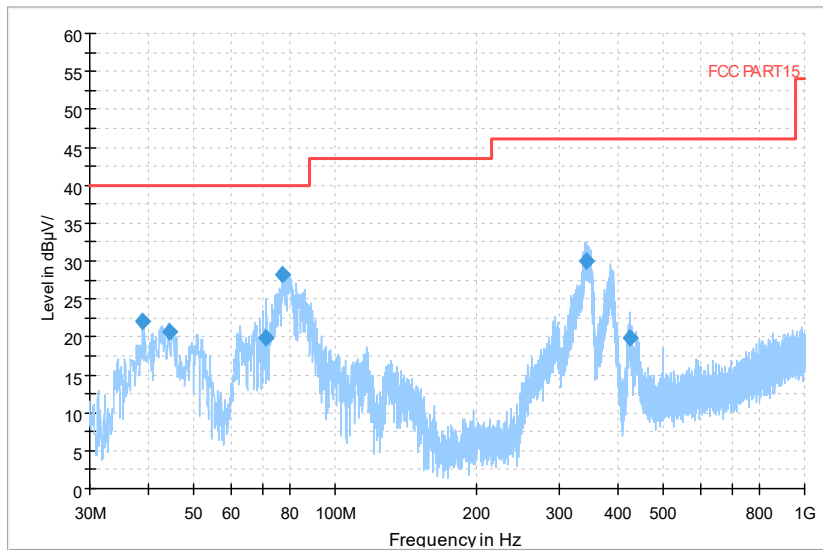
Full Spectrum



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

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

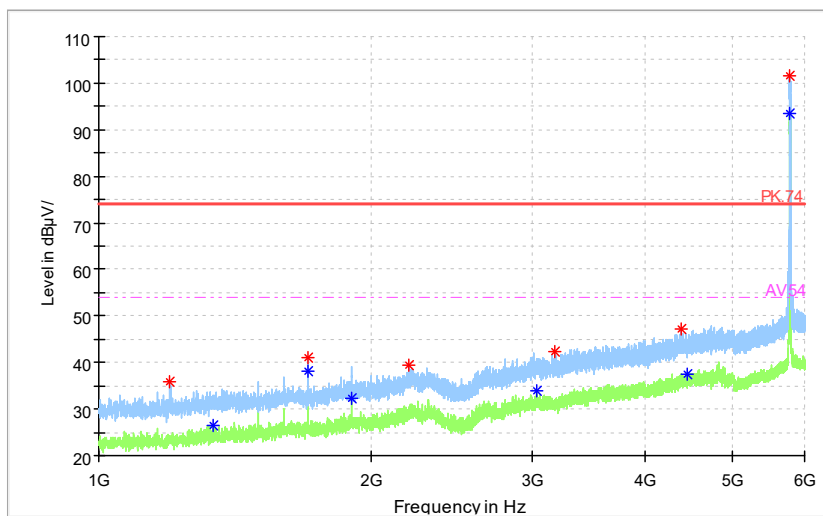
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

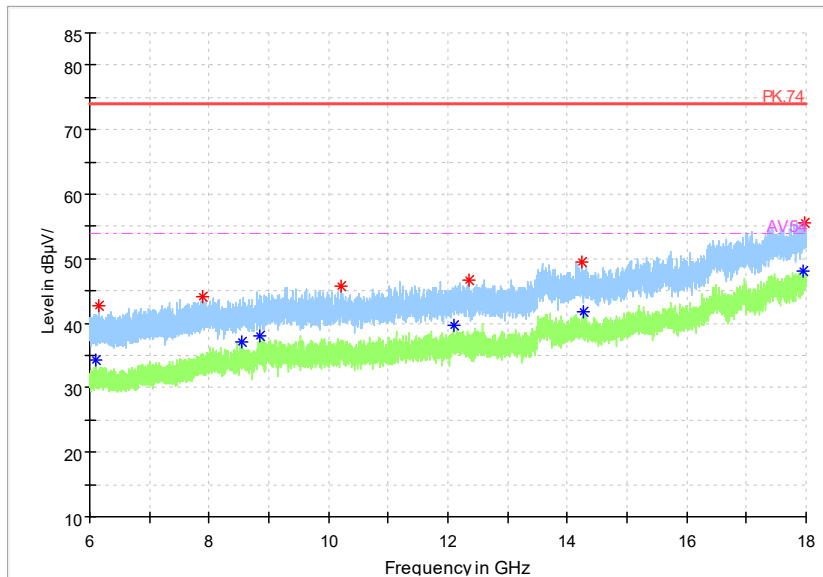
Full Spectrum



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

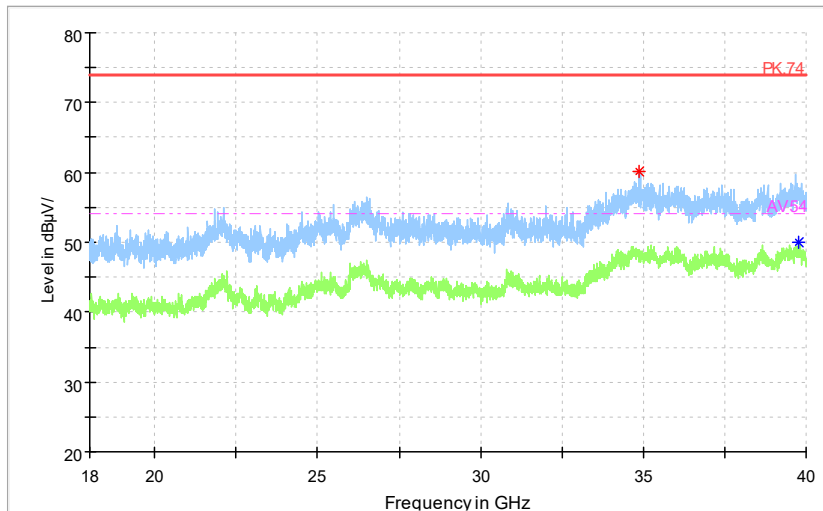
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT20)

Full Spectrum



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

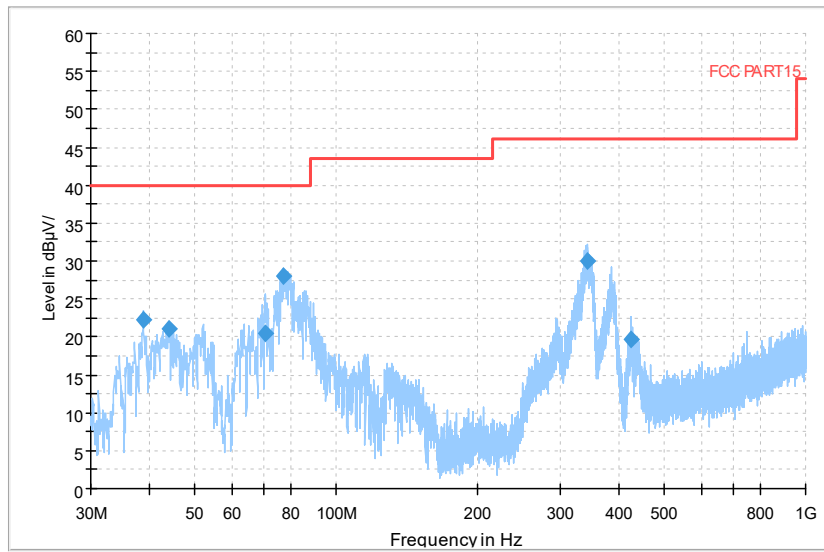
Full Spectrum



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

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

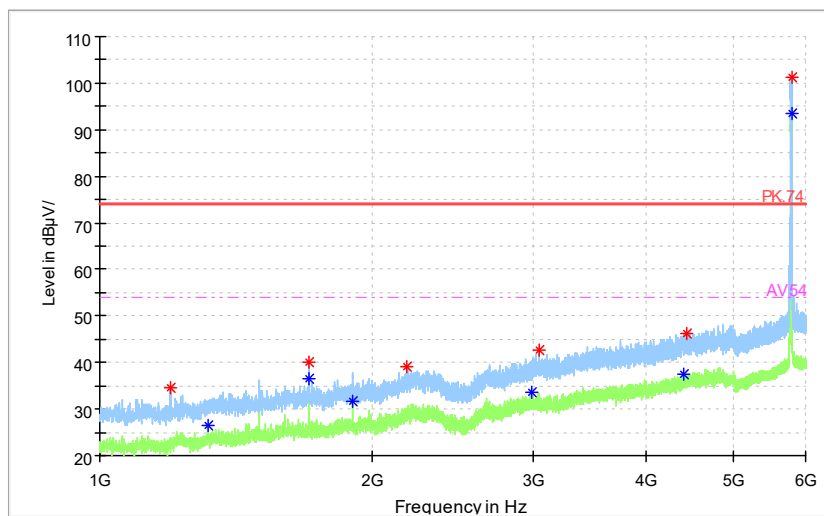
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

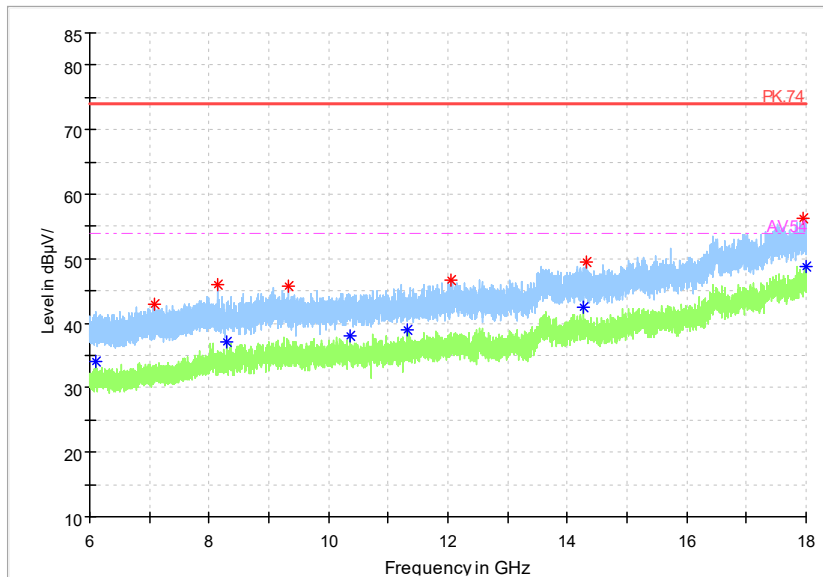
Full Spectrum



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

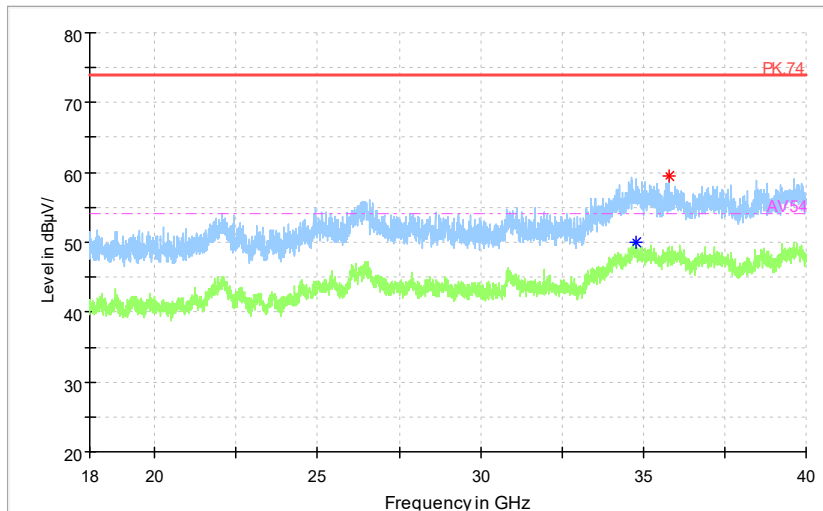
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

Full Spectrum

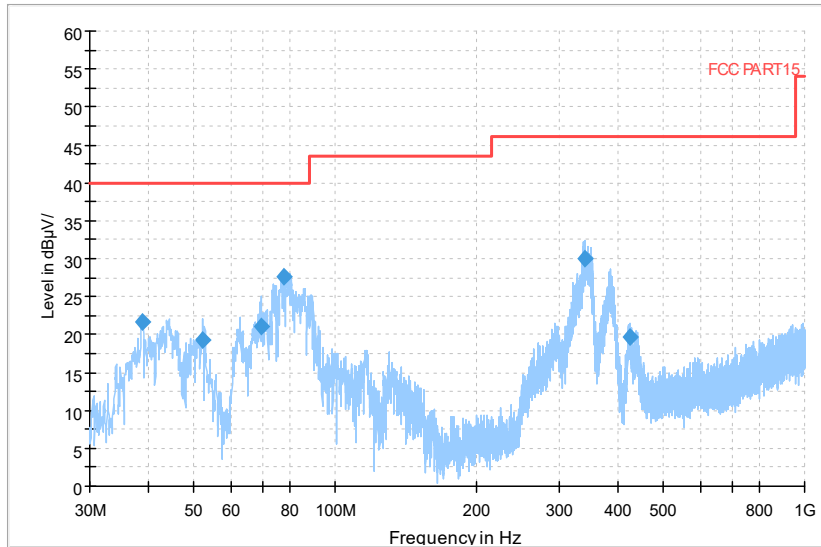


* Preview Result 2-AVG * Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 - - - AV.54
♦ Final_Result PK+ ♦ Final_ResultAVG

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

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

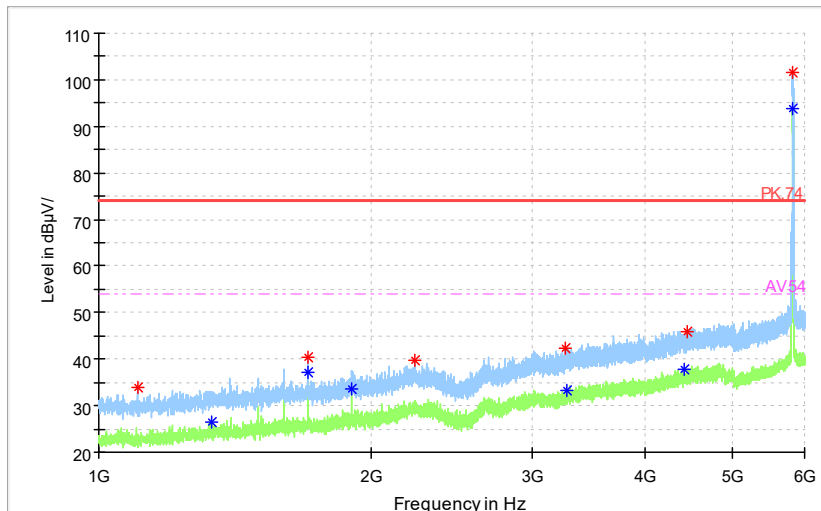
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

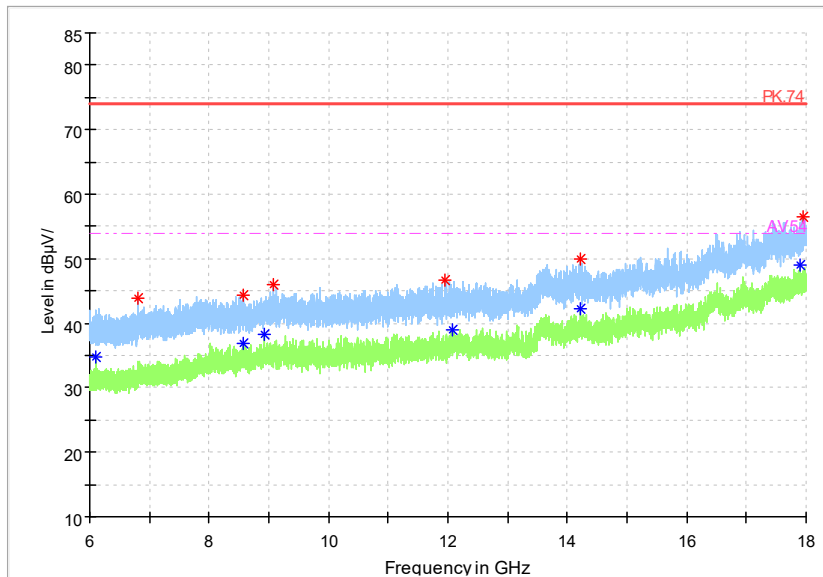
Full Spectrum



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

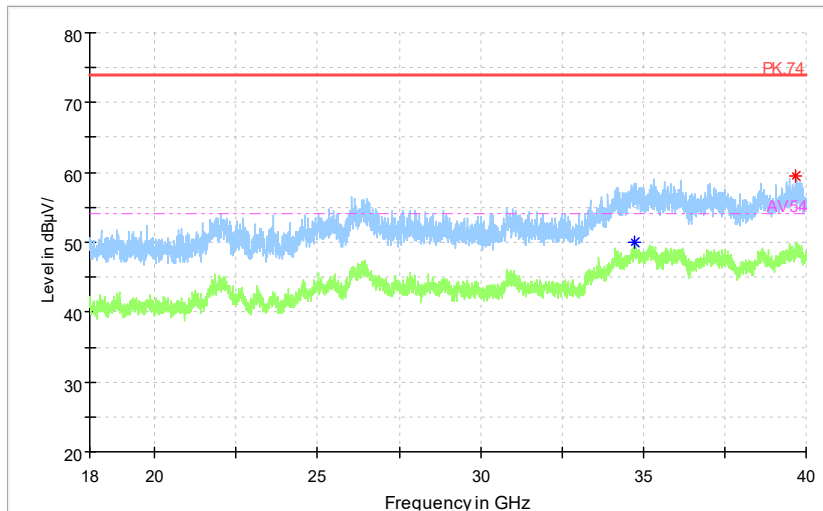
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



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

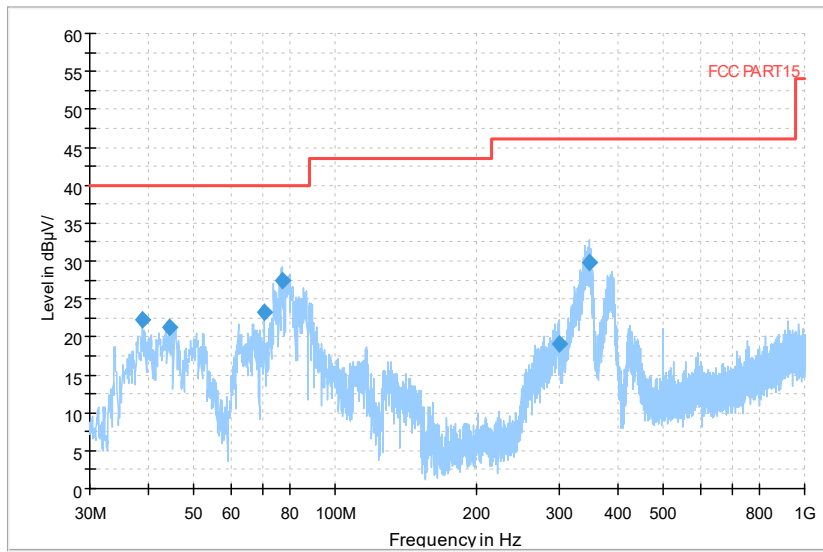
Full Spectrum



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

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

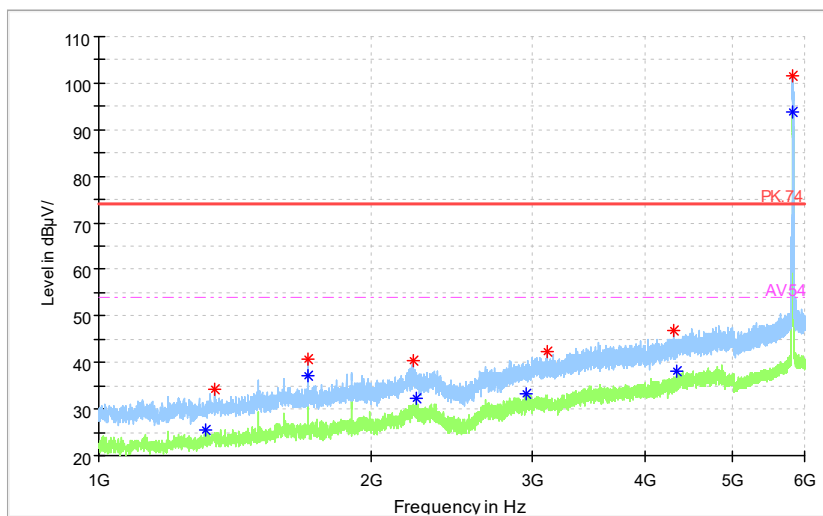
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

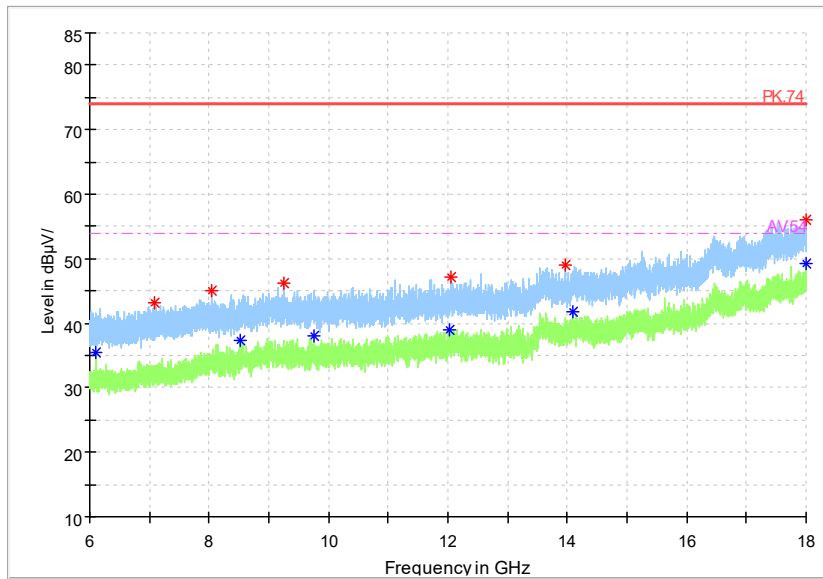
Full Spectrum



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

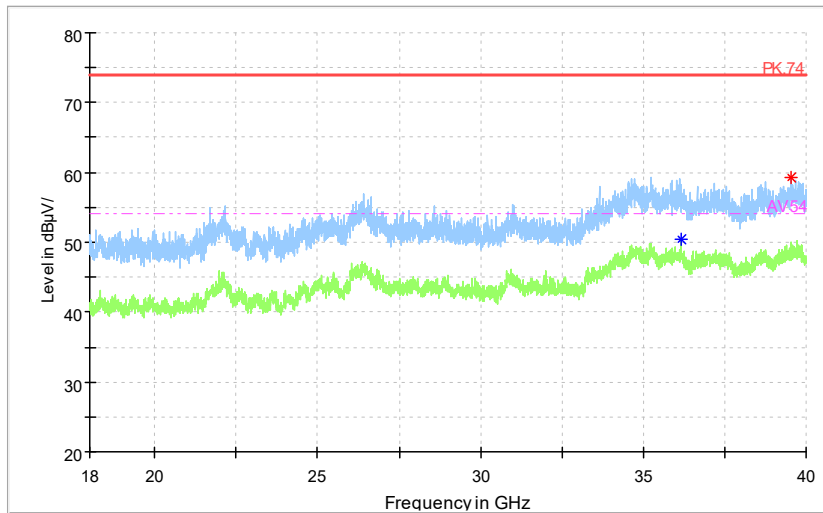
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT20)

Full Spectrum



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

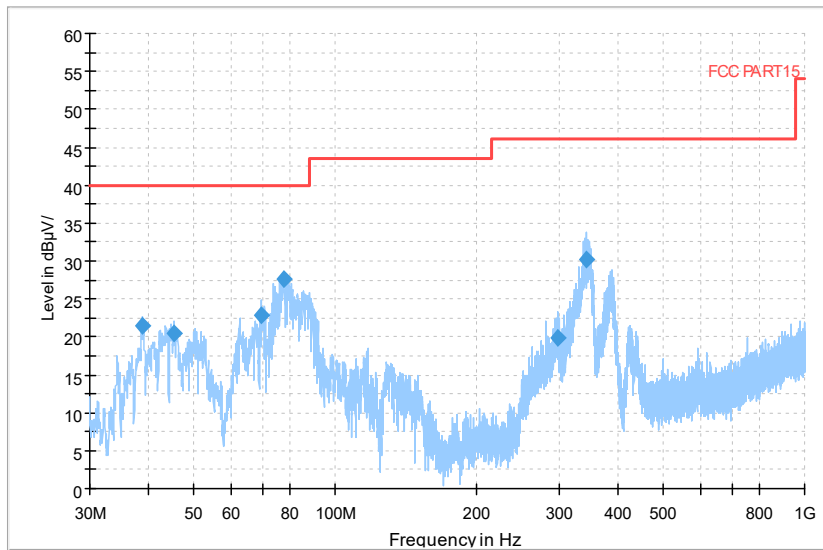
Full Spectrum



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

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

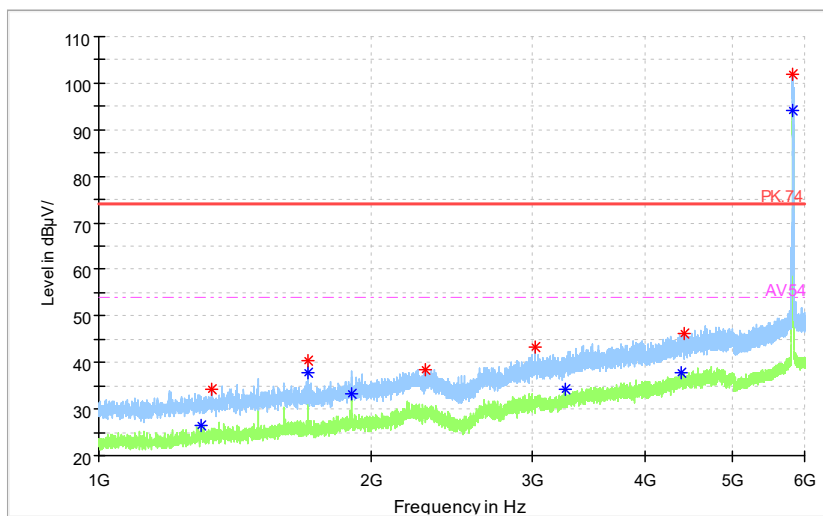
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

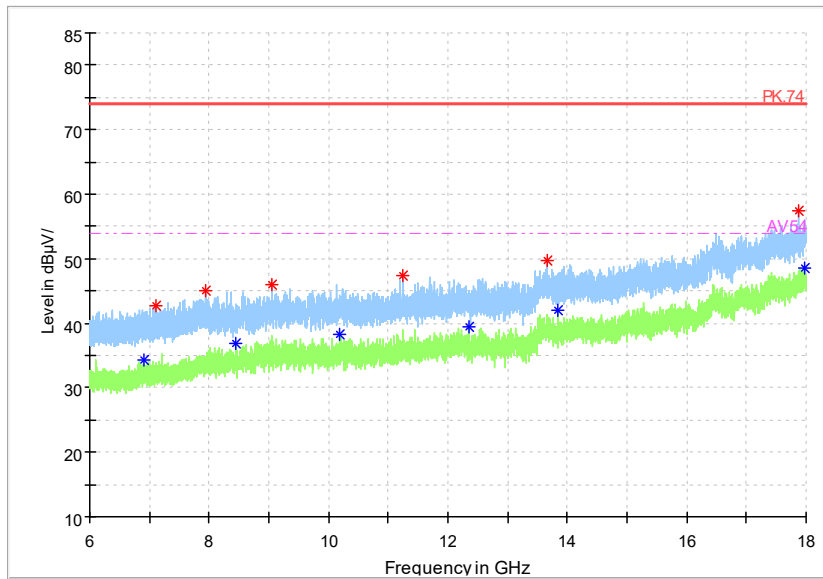
Full Spectrum



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

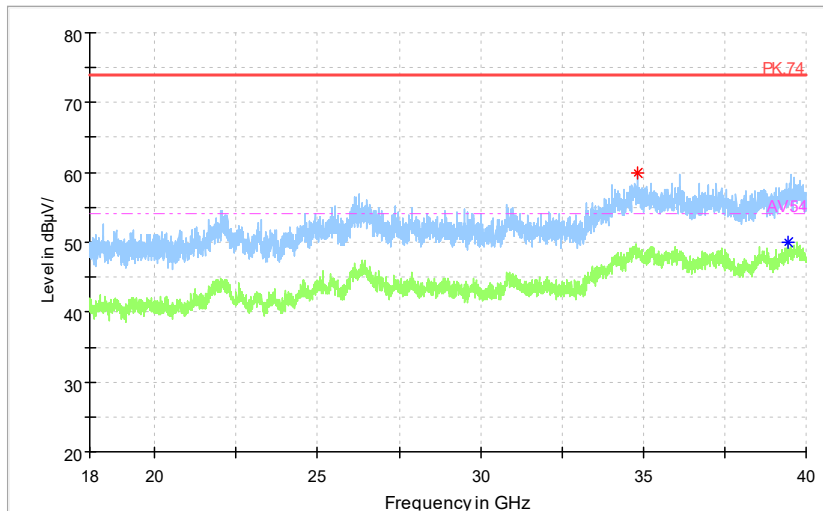
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT20)

Full Spectrum



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

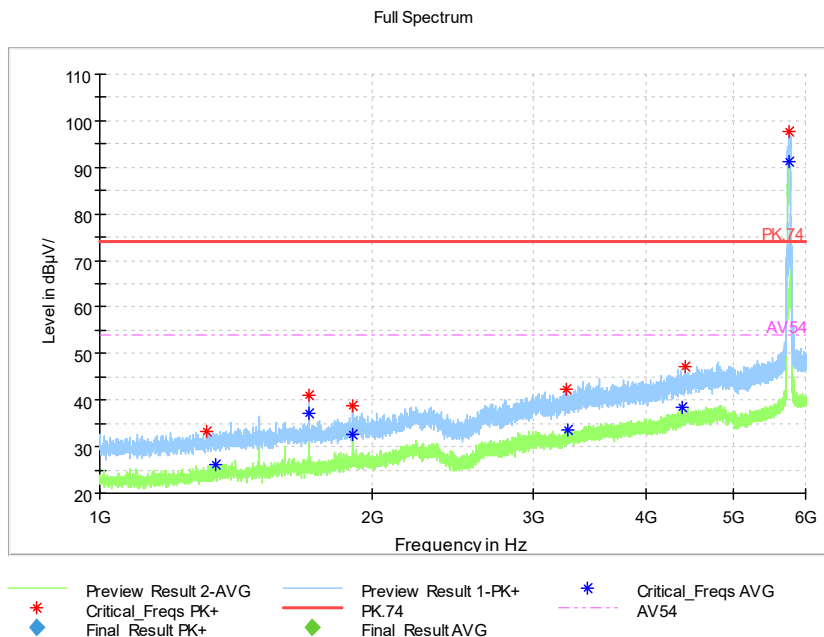
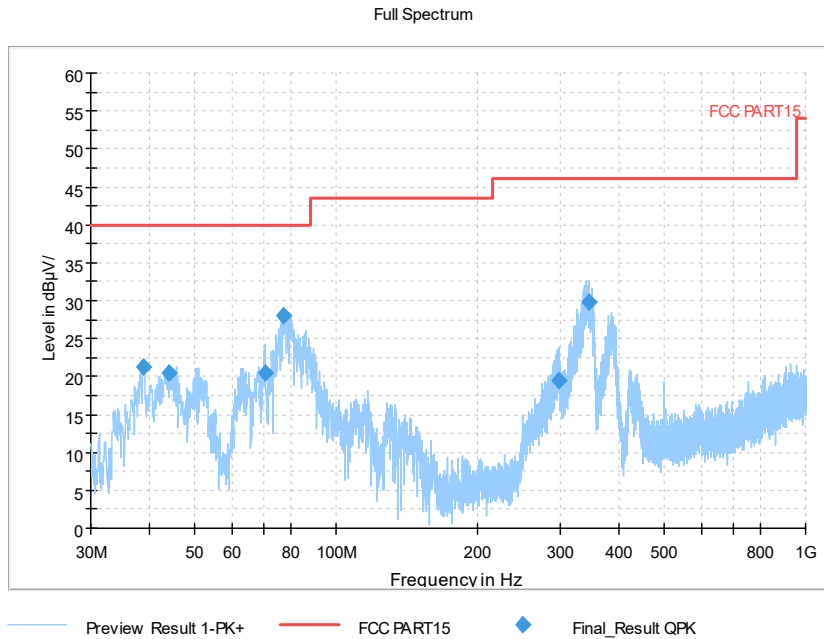
Full Spectrum



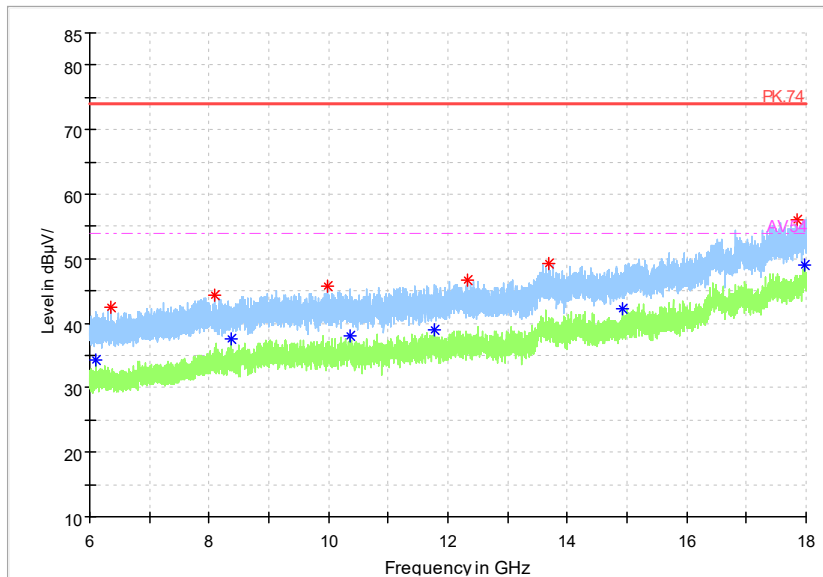
- * Preview Result 2-AVG
- * Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- PK.74
- - - AV54
- ◆ Final_Result PK+
- ◆ Final_ResultAVG

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

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

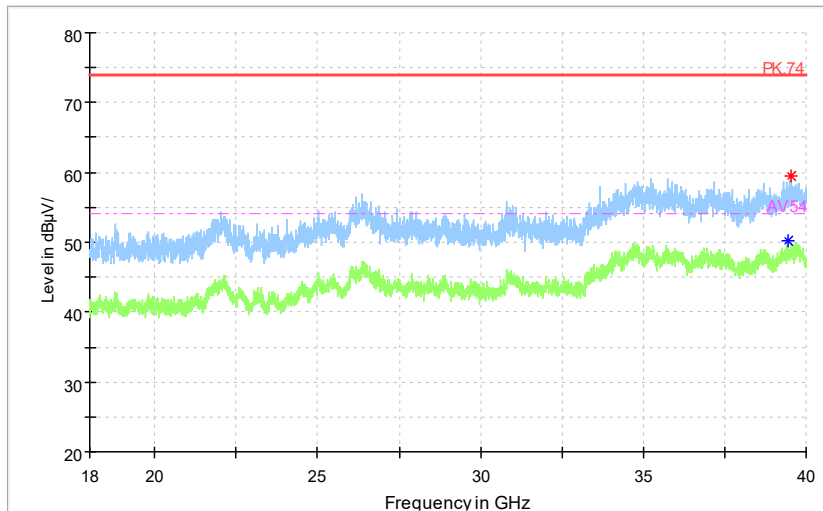


Full Spectrum



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

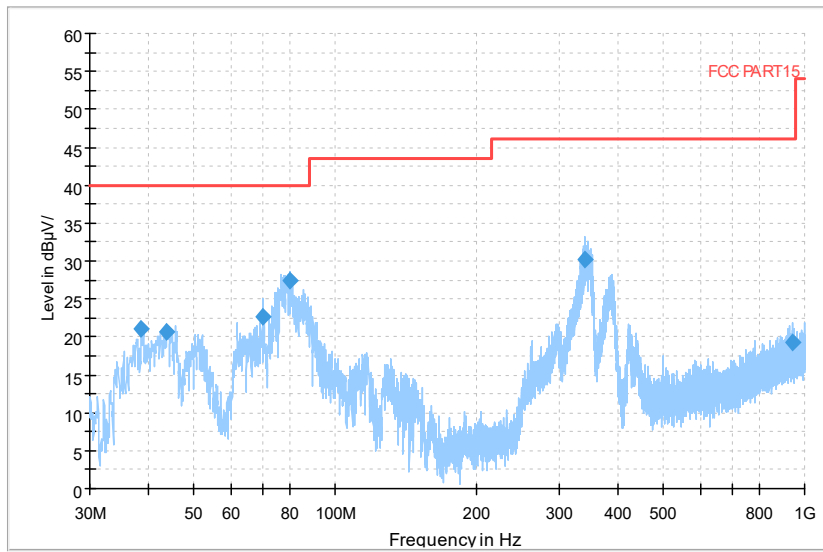
Full Spectrum



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

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

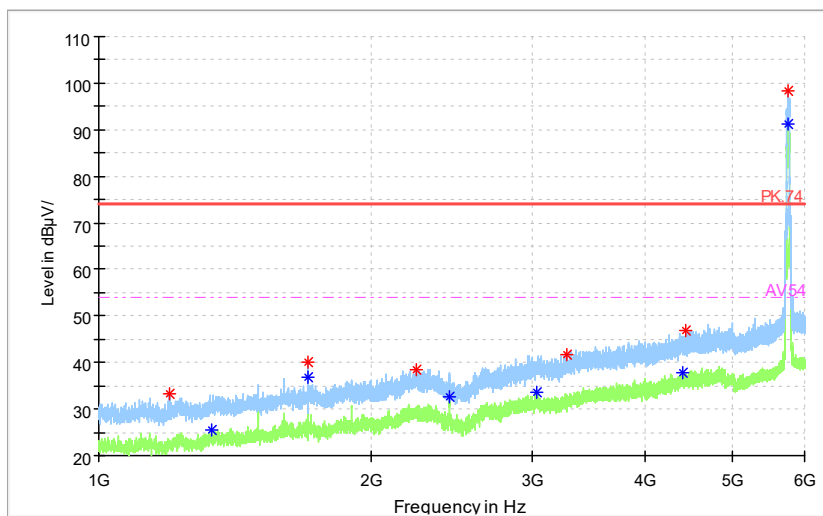
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

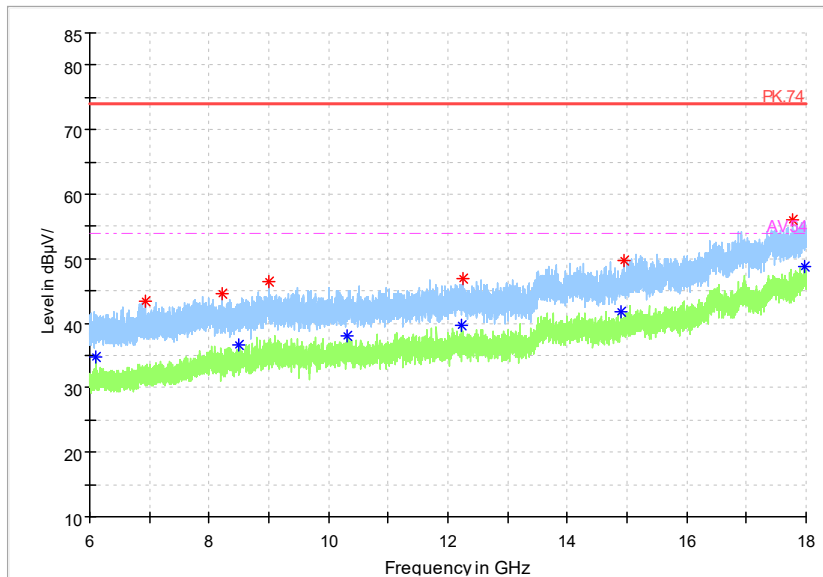
Full Spectrum



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

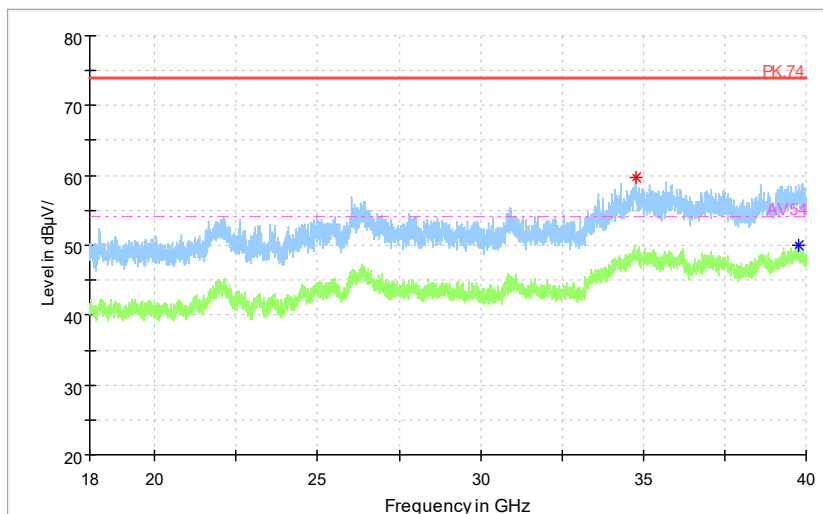
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT40)

Full Spectrum



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

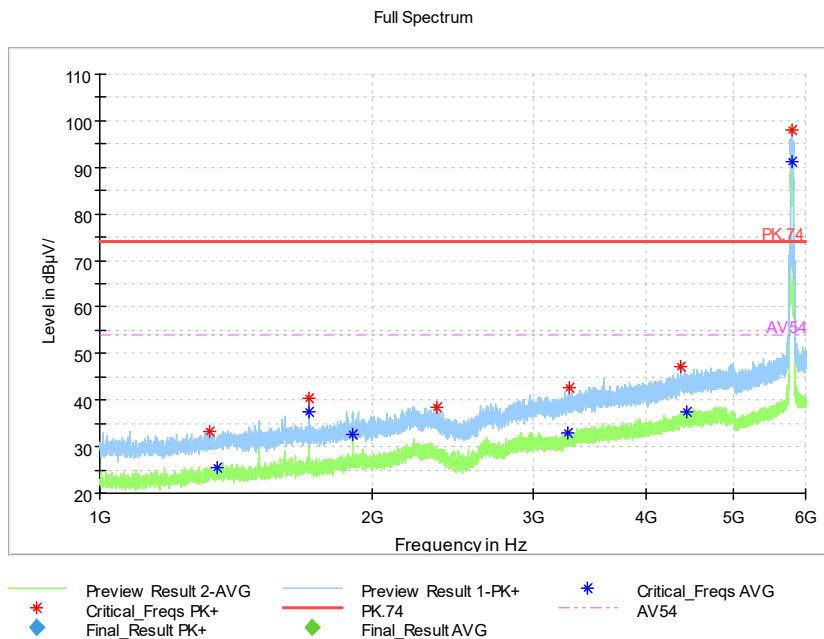
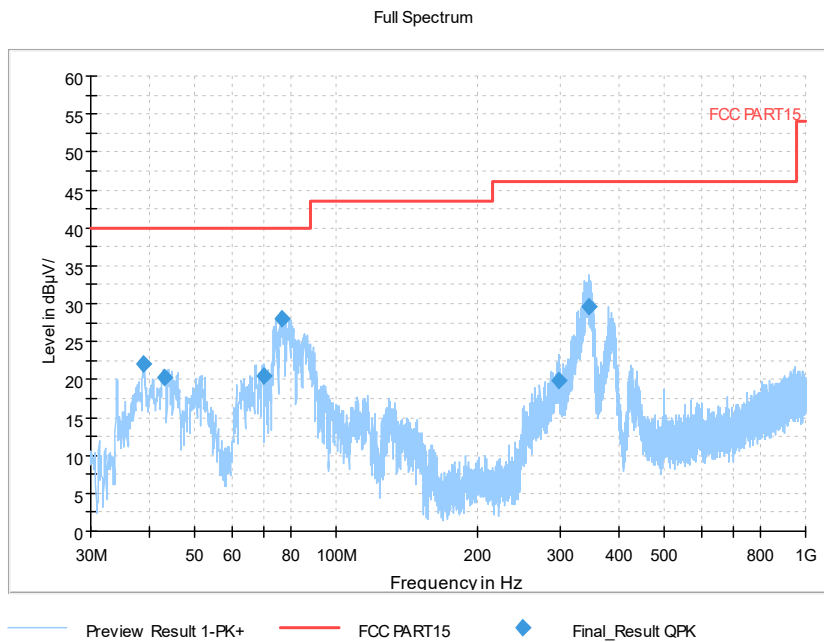
Full Spectrum



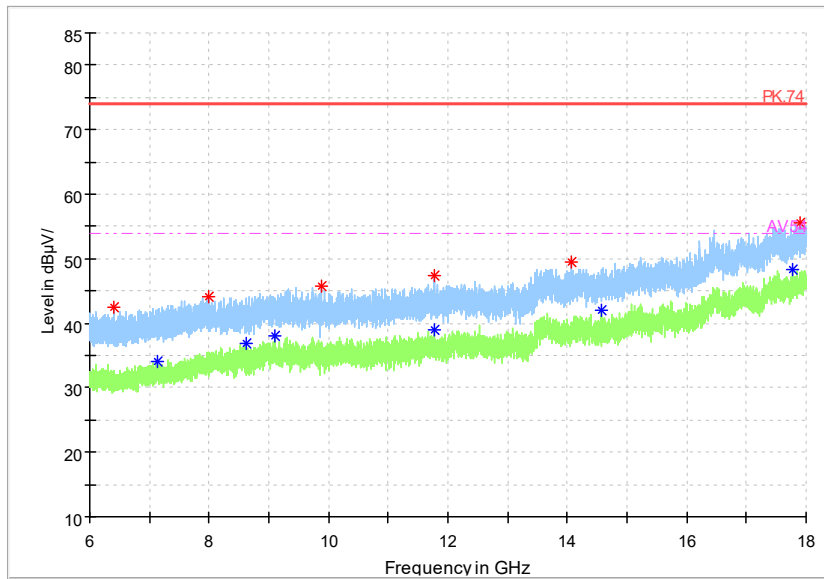
- * Preview Result 2-AVG
- * Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- PK.74
- * Critical_Freqs AVG AV54
- ◆ Final_Result PK+
- ◆ Final_ResultAVG

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

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

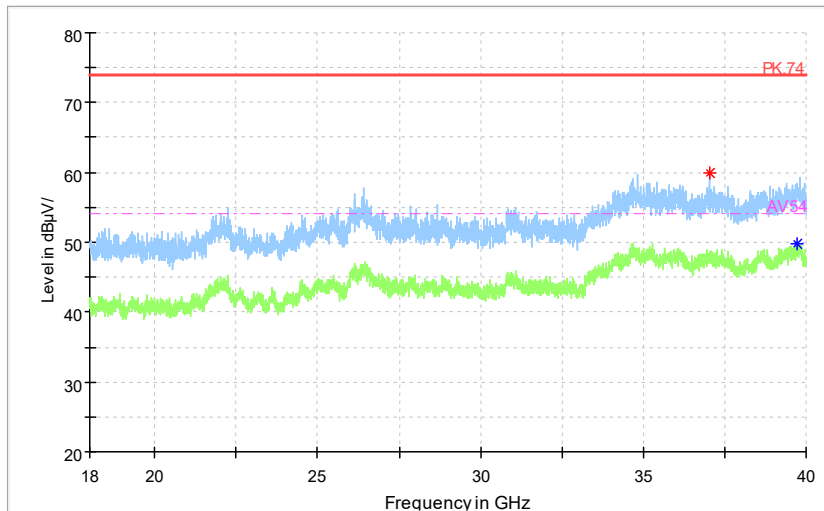


Full Spectrum



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

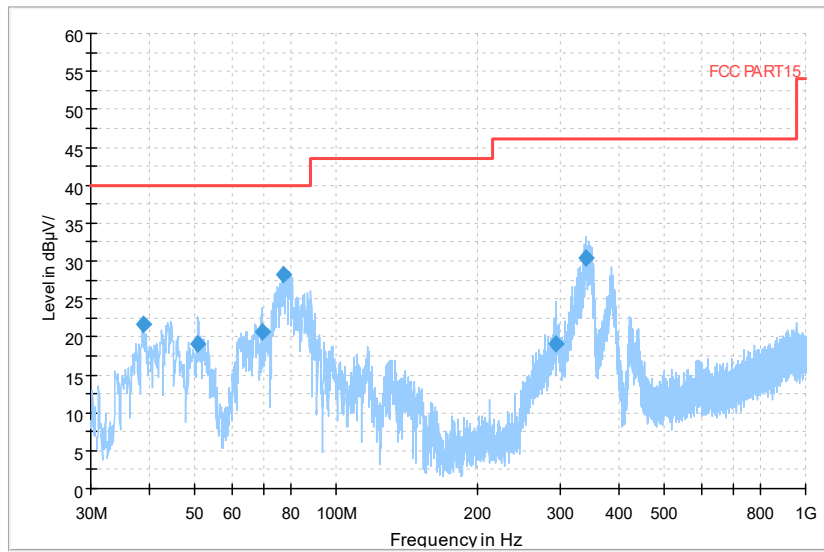
Full Spectrum



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

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

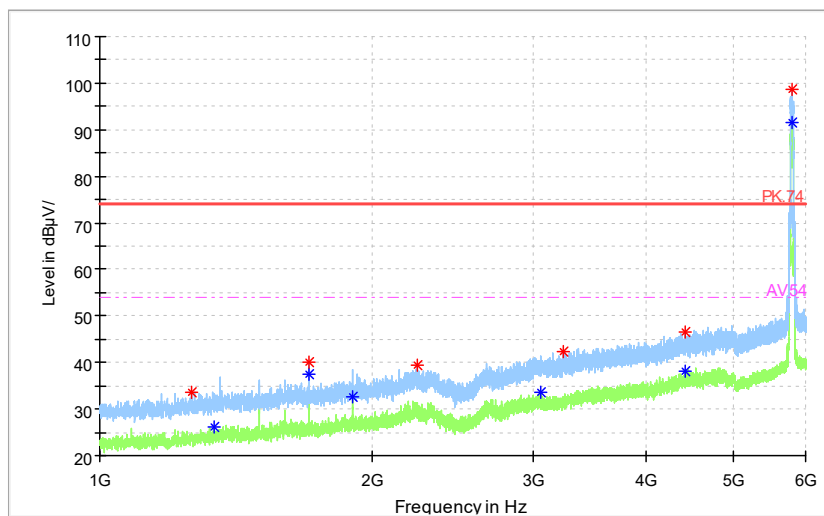
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

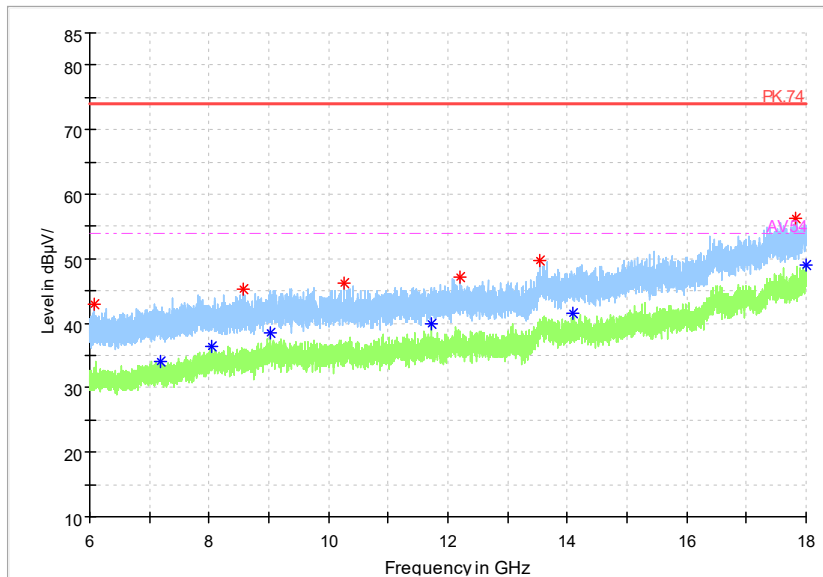
Full Spectrum



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

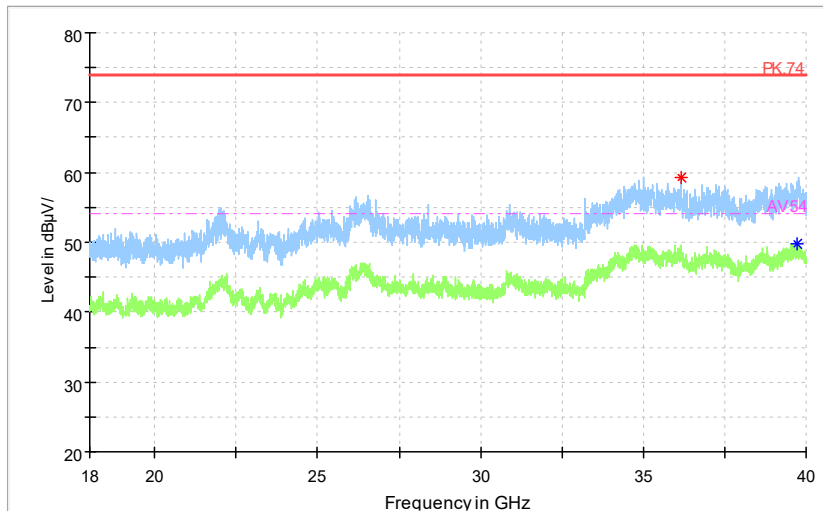
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Test Mode: 802.11ac(VHT40)

Full Spectrum



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

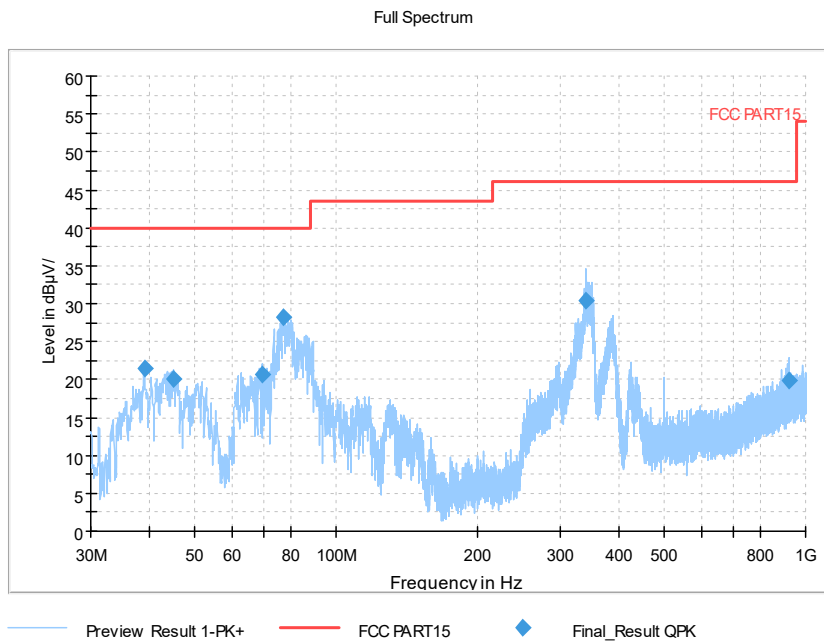
Full Spectrum



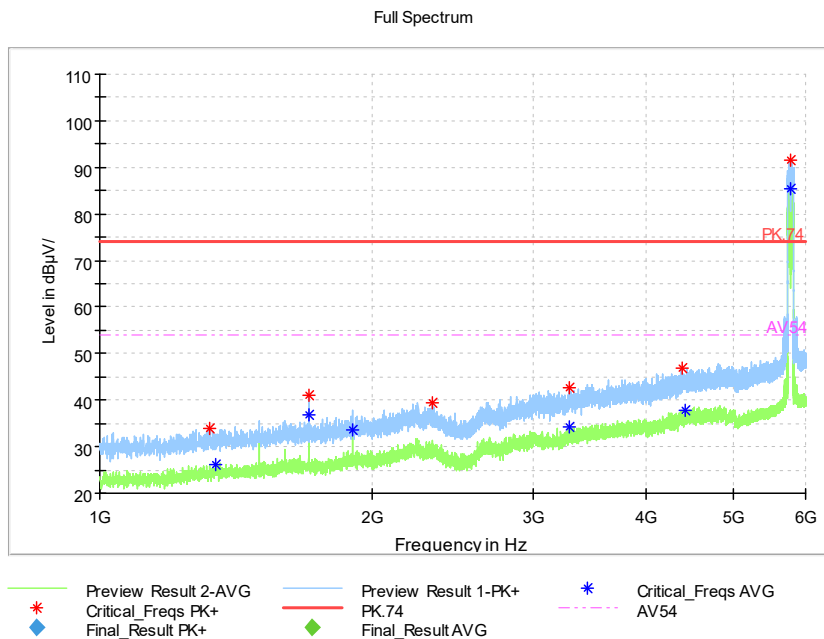
	Preview Result 2-AVG		Preview Result 1-PK+		Critical_Freqs AVG
	Critical_Freqs PK+		PK.74		AV54
	Final_Result PK+		Final_ResultAVG		

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

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

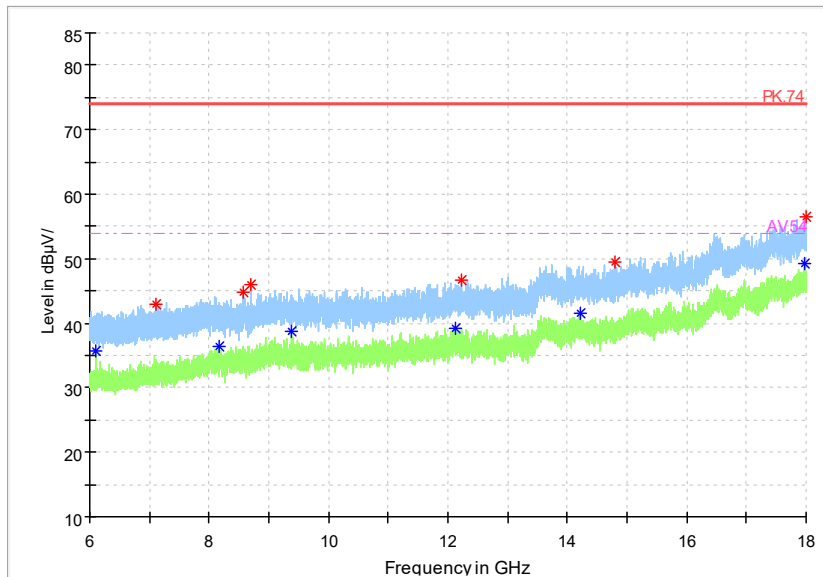


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT80)



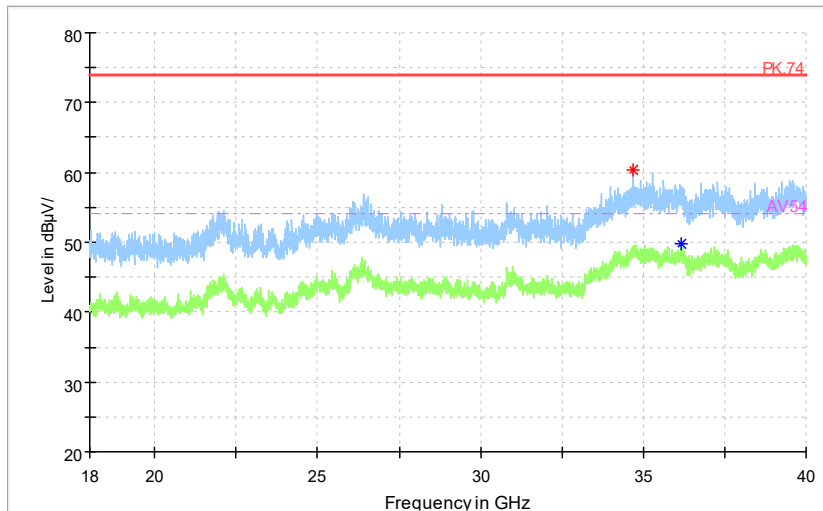
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)

Full Spectrum



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

Full Spectrum



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

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

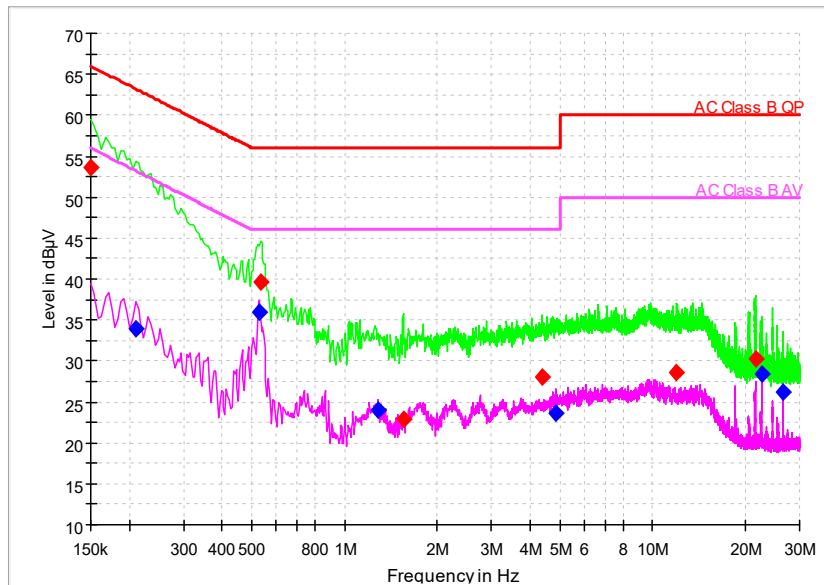
AC Power line Conducted Emission(EUT TX on (11b) + charging)

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: $(53.61 \text{ dB}\mu\text{V}) = (24.01 \text{ dB}\mu\text{V}) + (29.6 \text{ dB})$, the corresponding frequency is 0.15MHz.



— Preview Result 2-AVG
— AC Class B AV
— Preview Result 1-PK+
◆ Final_Result QPK
— AC Class B QP
◆ Final_Result AVG

L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi Peak (dBμV)	Pmea Average (dBμV)
0.15	53.61	---	66	12.39	N	29.6	24.01	---
0.2097	---	33.96	53.22	19.26	L1	29.6	---	4.36
0.529521	---	35.99	46	10.01	N	29.6	---	6.39
0.533786	39.68	---	56	16.32	N	29.6	10.08	---
1.288564	---	23.93	46	22.07	N	29.7	---	-5.77
1.548686	22.8	---	56	33.2	N	29.7	-6.9	---
4.380171	28.07	---	56	27.93	L1	29.7	-1.63	---
4.853507	---	23.57	46	22.43	L1	29.7	---	-6.13
11.99192	28.61	---	60	31.39	L1	29.8	-1.19	---
21.53113	30.26	---	60	29.74	L1	29.8	0.46	---
22.52897	---	28.43	50	21.57	N	29.9	---	-1.47
26.62695	---	26.22	50	23.78	N	29.9	---	-3.68

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