

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: (91.88dBuV/m) = (44.08 dBμV) + (12.4 dB) + (35.401/m), the corresponding frequency is 5180MHz.

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

Chain0 is selected as the worst case for the test.

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 (1/m)
1	5180	91.88	44.08	N/A	N/A	12.40	35.40
2	5150	49.78	1.98	-18.42	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 (1/m)
1	5180	94.41	46.61	N/A	N/A	12.40	35.40
2	5150	49.96	2.16	-18.24	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 (1/m)
1	5180	86.21	38.41	N/A	N/A	12.40	35.40
2	5150	38.91	-8.89	-15.09	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 (1/m)
1	5180	90.23	42.43	N/A	N/A	12.40	35.40
2	5150	39.58	-8.22	-14.42	54.00	12.40	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	91.68	43.68	N/A	N/A	12.60	35.40
2	5340	50.36	2.36	-17.84	68.20	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	95.10	47.10	N/A	N/A	12.60	35.40
2	5340	51.53	3.53	-16.67	68.20	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	87.10	39.10	N/A	N/A	12.60	35.40
2	5340	40.10	-7.90	-13.90	54.00	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	90.92	42.92	N/A	N/A	12.60	35.40
2	5340	40.39	-7.61	-13.61	54.00	12.60	35.40

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 (1/m)
1	5180	92.83	45.03	N/A	N/A	12.40	35.40
2	5150	49.45	1.65	-18.75	68.20	12.40	35.40

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 (1/m)
1	5180	94.89	47.09	N/A	N/A	12.40	35.40
2	5150	50.34	2.54	-17.86	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 (1/m)
1	5180	85.47	37.67	N/A	N/A	12.40	35.40
2	5150	38.90	-8.90	-15.10	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 (1/m)
1	5180	90.41	42.61	N/A	N/A	12.40	35.40
2	5150	39.63	-8.17	-14.37	54.00	12.40	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	92.36	44.36	N/A	N/A	12.60	35.40
2	5340	51.28	3.28	-16.92	68.20	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	94.81	46.81	N/A	N/A	12.60	35.40
2	5340	51.49	3.49	-16.71	68.20	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	88.17	40.17	N/A	N/A	12.60	35.40
2	5340	41.44	-6.56	-12.56	54.00	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	91.38	43.38	N/A	N/A	12.60	35.40
2	5340	41.66	-6.34	-12.34	54.00	12.60	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 (1/m)
1	5180	92.19	44.39	N/A	N/A	12.40	35.40
2	5150	49.43	1.63	-18.77	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 (1/m)
1	5180	94.98	47.18	N/A	N/A	12.40	35.40
2	5150	50.81	3.01	-17.39	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 (1/m)
1	5180	88.21	40.41	N/A	N/A	12.40	35.40
2	5150	38.20	-9.60	-15.80	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 (1/m)
1	5180	91.15	43.35	N/A	N/A	12.40	35.40
2	5150	39.06	-8.74	-14.94	54.00	12.40	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	92.19	44.19	N/A	N/A	12.60	35.40
2	5340	49.98	1.98	-18.22	68.20	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	95.50	47.50	N/A	N/A	12.60	35.40
2	5340	50.20	2.20	-18.00	68.20	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	87.53	39.53	N/A	N/A	12.60	35.40
2	5340	40.30	-7.70	-13.70	54.00	12.60	35.40

Carrier frequency (MHz): 5320 MHz

Channel No.:64

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 (1/m)
1	5320	91.17	43.17	N/A	N/A	12.60	35.40
2	5340	41.21	-6.79	-12.79	54.00	12.60	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 (1/m)
1	5190	85.13	37.33	N/A	N/A	12.40	35.40
2	5150	48.94	1.14	-19.26	68.20	12.40	35.40

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11n (HT40)

Polarity: Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (1/m)
1	5190	88.11	40.31	N/A	N/A	12.40	35.40
2	5150	50.68	2.88	-17.52	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 (1/m)
1	5190	84.55	36.75	N/A	N/A	12.40	35.40
2	5150	37.24	-10.56	-16.76	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 (1/m)
1	5190	87.46	39.66	N/A	N/A	12.40	35.40
2	5150	39.04	-8.76	-14.96	54.00	12.40	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	89.03	41.03	N/A	N/A	12.60	35.40
2	5350	50.50	2.50	-17.70	68.20	12.60	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	92.89	44.89	N/A	N/A	12.60	35.40
2	5350	50.93	2.93	-17.27	68.20	12.60	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	87.35	39.35	N/A	N/A	12.60	35.40
2	5350	38.97	-9.03	-15.03	54.00	12.60	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	89.92	41.92	N/A	N/A	12.60	35.40
2	5350	40.85	-7.15	-13.15	54.00	12.60	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 (1/m)
1	5190	83.69	35.89	N/A	N/A	12.40	35.40
2	5150	48.72	0.92	-19.48	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 (1/m)
1	5190	88.43	40.63	N/A	N/A	12.40	35.40
2	5150	49.24	1.44	-18.96	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 (1/m)
1	5190	84.06	36.26	N/A	N/A	12.40	35.40
2	5150	40.56	-7.24	-13.44	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 (1/m)
1	5190	87.43	39.63	N/A	N/A	12.40	35.40
2	5150	40.72	-7.08	-13.28	54.00	12.40	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	87.64	39.64	N/A	N/A	12.60	35.40
2	5350	50.54	2.54	-17.66	68.20	12.60	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	91.84	43.84	N/A	N/A	12.60	35.40
2	5350	50.95	2.95	-17.25	68.20	12.60	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	86.87	38.87	N/A	N/A	12.60	35.40
2	5350	40.35	-7.65	-13.65	54.00	12.60	35.40

Carrier frequency (MHz): 5310 MHz

Channel No.:62

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 (1/m)
1	5310	89.69	41.69	N/A	N/A	12.60	35.40
2	5350	41.13	-6.87	-12.87	54.00	12.60	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 (1/m)
1	5210	85.65	37.85	N/A	N/A	12.40	35.40
2	5150	48.54	0.74	-19.66	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 (1/m)
1	5210	87.89	40.09	N/A	N/A	12.40	35.40
2	5150	49.86	2.06	-18.34	68.20	12.40	35.40

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 (1/m)
1	5210	82.09	34.29	N/A	N/A	12.40	35.40
2	5150	37.99	-9.81	-16.01	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 (1/m)
1	5210	85.82	38.02	N/A	N/A	12.40	35.40
2	5150	39.32	-8.48	-14.68	54.00	12.40	35.40

Carrier frequency (MHz): 5290 MHz

Channel No.:58

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 (1/m)
1	5290	84.28	36.28	N/A	N/A	12.40	35.40
2	5210	50.99	2.99	-17.21	68.20	12.40	35.40

Carrier frequency (MHz): 5290 MHz

Channel No.:58

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 (1/m)
1	5290	88.46	40.46	N/A	N/A	12.40	35.40
2	5210	51.62	3.62	-16.58	68.20	12.40	35.40

Carrier frequency (MHz): 5290 MHz

Channel No.:58

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 (1/m)
1	5290	84.00	36.00	N/A	N/A	12.40	35.40
2	5210	39.27	-8.73	-14.73	54.00	12.40	35.40

Carrier frequency (MHz): 5290 MHz

Channel No.:58

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 (1/m)
1	5290	86.21	38.21	N/A	N/A	12.40	35.40
2	5210	40.76	-7.24	-13.24	54.00	12.40	35.40

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	95.58	48.28	N/A	N/A	12.70	34.60
2	5480	50.76	3.46	-17.44	68.20	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	98.39	51.09	N/A	N/A	12.70	34.60
2	5480	52.58	5.28	-15.62	68.20	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	90.93	43.63	N/A	N/A	12.70	34.60
2	5480	39.88	-7.42	-14.12	54.00	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	95.20	47.90	N/A	N/A	12.70	34.60
2	5480	40.15	-7.15	-13.85	54.00	12.70	34.60

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 (1/m)
1	5825	93.52	45.92	N/A	N/A	12.90	34.70
2	5845	50.58	2.98	-17.62	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 (1/m)
1	5825	96.95	49.35	N/A	N/A	12.90	34.70
2	5845	51.03	3.43	-17.17	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 (1/m)
1	5825	91.43	43.83	N/A	N/A	12.90	34.70
2	5845	39.12	-8.48	-14.88	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 (1/m)
1	5825	93.90	46.30	N/A	N/A	12.90	34.70
2	5845	40.72	-6.88	-13.28	54.00	12.90	34.70

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	93.80	46.50	N/A	N/A	12.70	34.60
2	5480	50.91	3.61	-17.29	68.20	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	97.68	50.38	N/A	N/A	12.70	34.60
2	5480	51.07	3.77	-17.13	68.20	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	92.05	44.75	N/A	N/A	12.70	34.60
2	5480	40.65	-6.65	-13.35	54.00	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	95.92	48.62	N/A	N/A	12.70	34.60
2	5480	40.92	-6.38	-13.08	54.00	12.70	34.60

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 (1/m)
1	5825	93.91	46.31	N/A	N/A	12.90	34.70
2	5845	51.10	3.50	-17.10	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 (1/m)
1	5825	96.67	49.07	N/A	N/A	12.90	34.70
2	5845	52.13	4.53	-16.07	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 (1/m)
1	5825	88.69	41.09	N/A	N/A	12.90	34.70
2	5845	39.38	-8.22	-14.62	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 (1/m)
1	5825	92.58	44.98	N/A	N/A	12.90	34.70
2	5845	41.22	-6.38	-12.78	54.00	12.90	34.70

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	94.64	47.34	N/A	N/A	12.70	34.60
2	5480	51.11	3.81	-17.09	68.20	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	97.41	50.11	N/A	N/A	12.70	34.60
2	5480	52.56	5.26	-15.64	68.20	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	91.08	43.78	N/A	N/A	12.70	34.60
2	5480	40.31	-6.99	-13.69	54.00	12.70	34.60

Carrier frequency (MHz): 5500 MHz

Channel No.:100

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 (1/m)
1	5500	94.78	47.48	N/A	N/A	12.70	34.60
2	5480	41.76	-5.54	-12.24	54.00	12.70	34.60

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 (1/m)
1	5825	93.68	46.08	N/A	N/A	12.90	34.70
2	5845	49.89	2.29	-18.31	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 (1/m)
1	5825	96.28	48.68	N/A	N/A	12.90	34.70
2	5845	51.30	3.70	-16.90	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 (1/m)
1	5825	89.86	42.26	N/A	N/A	12.90	34.70
2	5845	40.22	-7.38	-13.78	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 (1/m)
1	5825	93.24	45.64	N/A	N/A	12.90	34.70
2	5845	41.04	-6.56	-12.96	54.00	12.90	34.70

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	90.50	43.20	N/A	N/A	12.70	34.60
2	5470	52.13	4.83	-16.07	68.20	12.70	34.60

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	95.25	47.95	N/A	N/A	12.70	34.60
2	5470	52.64	5.34	-15.56	68.20	12.70	34.60

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	88.32	41.02	N/A	N/A	12.70	34.60
2	5470	39.39	-7.91	-14.61	54.00	12.70	34.60

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	93.16	45.86	N/A	N/A	12.70	34.60
2	5470	40.36	-6.94	-13.64	54.00	12.70	34.60

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 (1/m)
1	5795	93.06	45.46	N/A	N/A	12.90	34.70
2	5835	50.11	2.51	-18.09	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 (1/m)
1	5795	96.00	48.40	N/A	N/A	12.90	34.70
2	5835	51.52	3.92	-16.68	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 (1/m)
1	5795	89.53	41.93	N/A	N/A	12.90	34.70
2	5835	41.14	-6.46	-12.86	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 (1/m)
1	5795	92.75	45.15	N/A	N/A	12.90	34.70
2	5835	41.21	-6.39	-12.79	54.00	12.90	34.70

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	90.93	43.63	N/A	N/A	12.70	34.60
2	5470	49.93	2.63	-18.27	68.20	12.70	34.60

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	95.30	48.00	N/A	N/A	12.70	34.60
2	5470	51.21	3.91	-16.99	68.20	12.70	34.60

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	88.69	41.39	N/A	N/A	12.70	34.60
2	5470	38.69	-8.61	-15.31	54.00	12.70	34.60

Carrier frequency (MHz): 5510 MHz

Channel No.:102

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 (1/m)
1	5510	92.88	45.58	N/A	N/A	12.70	34.60
2	5470	40.45	-6.85	-13.55	54.00	12.70	34.60

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 (1/m)
1	5795	93.11	45.51	N/A	N/A	12.90	34.70
2	5835	51.56	3.96	-16.64	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 (1/m)
1	5795	95.14	47.54	N/A	N/A	12.90	34.70
2	5835	52.73	5.13	-15.47	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 (1/m)
1	5795	90.81	43.21	N/A	N/A	12.90	34.70
2	5835	40.45	-7.15	-13.55	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 (1/m)
1	5795	92.97	45.37	N/A	N/A	12.90	34.70
2	5835	41.79	-5.81	-12.21	54.00	12.90	34.70

Carrier frequency (MHz): 5530 MHz

Channel No.:106

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 (1/m)
1	5530	84.58	37.28	N/A	N/A	12.70	34.60
2	5450	49.86	2.56	-18.34	68.20	12.70	34.60

Carrier frequency (MHz): 5530 MHz

Channel No.:106

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 (1/m)
1	5530	88.87	41.57	N/A	N/A	12.70	34.60
2	5450	51.58	4.28	-16.62	68.20	12.70	34.60

Carrier frequency (MHz): 5530 MHz

Channel No.:106

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 (1/m)
1	5530	82.27	34.97	N/A	N/A	12.70	34.60
2	5450	41.31	-5.99	-12.69	54.00	12.70	34.60

Carrier frequency (MHz): 5530 MHz

Channel No.:106

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 (1/m)
1	5530	85.99	38.69	N/A	N/A	12.70	34.60
2	5450	41.47	-5.83	-12.53	54.00	12.70	34.60

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 (1/m)
1	5775	88.60	41.00	N/A	N/A	12.90	34.70
2	5695	50.14	2.54	-18.06	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 (1/m)
1	5775	92.80	45.20	N/A	N/A	12.90	34.70
2	5695	51.29	3.69	-16.91	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 (1/m)
1	5775	87.16	39.56	N/A	N/A	12.90	34.70
2	5695	39.97	-7.63	-14.03	54.00	12.90	34.70

Carrier frequency (MHz): 5775 MHz

Channel No.:155

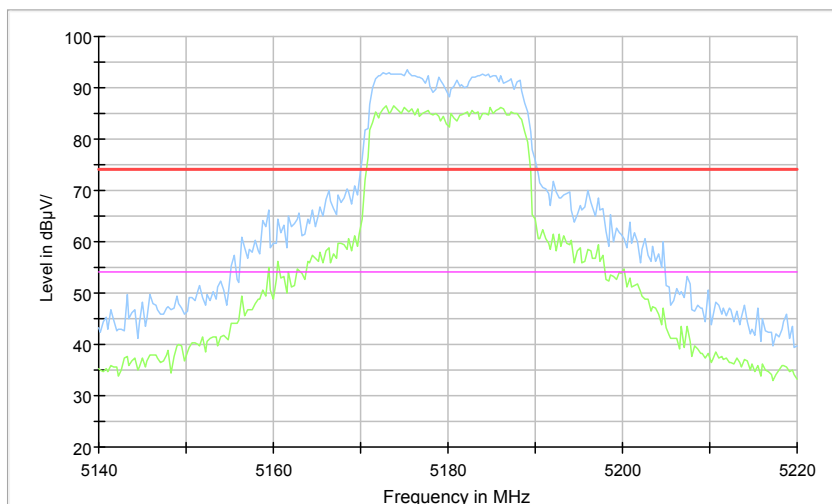
Test Mode: 802.11ac (VHT80)

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 (1/m)
1	5775	89.25	41.65	N/A	N/A	12.90	34.70
2	5695	40.00	-7.60	-14.00	54.00	12.90	34.70

Full Spectrum



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

Comment

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: $(33.06 \text{ dB}\mu\text{V/m}) = (53.56 \text{ dB}\mu\text{V/m}) + (-20.5 \text{ dB})$, the corresponding frequency is 32.764500MHz.

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)
32.764500	33.06	-20.5	53.56	Vertical	40.00
71.952500	17.24	-22.6	39.84	Vertical	40.00
119.967500	28.60	-21.4	50.00	Vertical	43.50
179.962000	16.50	-21.0	37.50	Vertical	43.50
426.487500	15.84	-12.6	28.44	Vertical	46.00
932.342500	19.13	-2.9	22.03	Vertical	46.00

For 802.11n(HT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	32.98	-20.5	53.48	Vertical	40.00
71.952500	17.40	-22.6	40.00	Vertical	40.00
119.967500	28.90	-21.4	50.30	Vertical	43.50
179.962000	16.52	-21.0	37.52	Vertical	43.50
395.932500	15.05	-13.2	28.25	Vertical	46.00
956.786500	19.23	-2.6	21.83	Vertical	46.00

For 802.11ac(VHT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	32.77	-20.5	53.27	Vertical	40.00
78.354500	10.93	-24.1	35.03	Vertical	40.00
119.967500	29.05	-21.4	50.45	Vertical	43.50
179.962000	16.54	-21.0	37.54	Vertical	43.50
395.932500	16.82	-13.2	30.02	Vertical	46.00
915.707000	18.83	-3.0	21.83	Vertical	46.00

For 802.11a Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.26	-20.5	52.76	Vertical	40.00
71.952500	17.47	-22.6	40.07	Vertical	40.00
119.967500	28.96	-21.4	50.36	Vertical	43.50
179.962000	16.59	-21.0	37.59	Vertical	43.50
395.981000	16.58	-13.2	29.78	Vertical	46.00
919.732500	18.83	-3.0	21.83	Vertical	46.00

For 802.11n(HT20) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.667500	31.43	-20.6	52.03	Vertical	40.00
71.952500	17.52	-22.6	40.12	Vertical	40.00
119.967500	28.98	-21.4	50.38	Vertical	43.50
179.962000	16.61	-21.0	37.61	Vertical	43.50
395.496000	14.24	-13.2	27.44	Vertical	46.00
935.640500	19.14	-2.8	21.94	Vertical	46.00

For 802.11ac(VHT20) Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	32.63	-20.5	53.13	Vertical	40.00
71.952500	17.49	-22.6	40.09	Vertical	40.00
119.967500	28.46	-21.4	49.86	Vertical	43.50
179.962000	16.71	-21.0	37.71	Vertical	43.50
479.983000	16.91	-11.3	28.21	Vertical	46.00
959.987500	20.77	-2.6	23.37	Vertical	46.00

For 802.11a Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	32.56	-20.5	53.06	Vertical	40.00
71.952500	17.51	-22.6	40.11	Vertical	40.00
119.967500	28.53	-21.4	49.93	Vertical	43.50
179.962000	16.75	-21.0	37.75	Vertical	43.50
426.536000	14.33	-12.6	26.93	Vertical	46.00
926.765000	19.12	-2.9	22.02	Vertical	46.00

For 802.11n(HT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.055500	31.47	-20.5	51.97	Vertical	40.00
71.952500	17.54	-22.6	40.14	Vertical	40.00
119.967500	28.54	-21.4	49.94	Vertical	43.50
179.962000	16.74	-21.0	37.74	Vertical	43.50
396.029500	15.38	-13.2	28.58	Vertical	46.00
892.960500	18.17	-3.4	21.57	Vertical	46.00

For 802.11ac(VHT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	32.37	-20.5	52.87	Vertical	40.00
71.952500	17.32	-22.6	39.92	Vertical	40.00
119.967500	28.30	-21.4	49.70	Vertical	43.50
179.962000	16.68	-21.0	37.68	Vertical	43.50
396.078000	15.73	-13.2	28.93	Vertical	46.00
921.284500	18.77	-3.0	21.77	Vertical	46.00

For 802.11n(HT40) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.85	-20.5	53.35	Vertical	40.00
55.026000	8.74	-18.2	26.94	Vertical	40.00
119.967500	27.95	-21.4	49.35	Vertical	43.50
179.962000	17.34	-21.0	38.34	Vertical	43.50
395.787000	16.31	-13.2	29.51	Vertical	46.00
912.021000	19.21	-3.1	22.31	Vertical	46.00

For 802.11ac(VHT40) Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.958500	32.66	-20.5	53.16	Vertical	40.00
55.268500	10.31	-18.2	28.51	Vertical	40.00
119.967500	27.95	-21.4	49.35	Vertical	43.50
179.962000	17.25	-21.0	38.25	Vertical	43.50
395.641500	14.60	-13.2	27.80	Vertical	46.00
956.059000	19.13	-2.6	21.73	Vertical	46.00

For 802.11n(HT40) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.910000	33.08	-20.5	53.58	Vertical	40.00
71.952500	17.03	-22.6	39.63	Vertical	40.00
119.967500	27.96	-21.4	49.36	Vertical	43.50
179.962000	17.25	-21.0	38.25	Vertical	43.50
479.983000	17.08	-11.3	28.38	Vertical	46.00
959.987500	20.81	-2.6	23.41	Vertical	46.00

For 802.11ac(VHT40) Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.98	-20.5	53.48	Vertical	40.00
71.952500	17.03	-22.6	39.63	Vertical	40.00
119.967500	27.96	-21.4	49.36	Vertical	43.50
196.403500	9.63	-19.3	28.93	Vertical	43.50
479.983000	17.04	-11.3	28.34	Vertical	46.00
926.425500	19.12	-2.9	22.02	Vertical	46.00

For 802.11ac(VHT80) Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.87	-20.5	53.37	Vertical	40.00
71.952500	17.06	-22.6	39.66	Vertical	40.00
119.967500	27.96	-21.4	49.36	Vertical	43.50
179.962000	17.29	-21.0	38.29	Vertical	43.50
426.196500	14.99	-12.6	27.59	Vertical	46.00
931.906000	19.20	-2.9	22.10	Vertical	46.00

For 802.11a Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.88	-20.5	53.38	Vertical	40.00
71.952500	17.05	-22.6	39.65	Vertical	40.00
119.967500	27.97	-21.4	49.37	Vertical	43.50
179.962000	17.26	-21.0	38.26	Vertical	43.50
395.641500	14.68	-13.2	27.88	Vertical	46.00
885.734000	18.02	-3.5	21.52	Vertical	46.00

For 802.11n(HT20) Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	33.22	-20.5	53.72	Vertical	40.00
75.881000	14.23	-23.5	37.73	Vertical	40.00
119.967500	27.99	-21.4	49.39	Vertical	43.50
179.962000	17.26	-21.0	38.26	Vertical	43.50
479.983000	16.95	-11.3	28.25	Vertical	46.00
918.277500	18.78	-3.0	21.78	Vertical	46.00

For 802.11ac(VHT20) Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.88	-20.5	53.38	Vertical	40.00
71.952500	17.06	-22.6	39.66	Vertical	40.00
119.967500	28.02	-21.4	49.42	Vertical	43.50
179.962000	17.28	-21.0	38.28	Vertical	43.50
479.983000	17.01	-11.3	28.31	Vertical	46.00
946.407500	19.26	-2.8	22.06	Vertical	46.00

For 802.11a Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.83	-20.5	53.33	Vertical	40.00
71.952500	17.06	-22.6	39.66	Vertical	40.00
119.967500	28.02	-21.4	49.42	Vertical	43.50
179.962000	17.30	-21.0	38.30	Vertical	43.50
479.983000	16.99	-11.3	28.29	Vertical	46.00
959.987500	20.69	-2.6	23.29	Vertical	46.00

For 802.11n(HT20) Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	33.23	-20.5	53.73	Vertical	40.00
71.952500	17.04	-22.6	39.64	Vertical	40.00
119.967500	28.03	-21.4	49.43	Vertical	43.50
179.962000	17.31	-21.0	38.31	Vertical	43.50
426.196500	14.80	-12.6	27.40	Vertical	46.00
940.248000	19.21	-2.8	22.01	Vertical	46.00

For 802.11ac(VHT20) Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.910000	32.92	-20.5	53.42	Vertical	40.00
71.952500	17.10	-22.6	39.70	Vertical	40.00
119.967500	28.02	-21.4	49.42	Vertical	43.50
179.962000	17.30	-21.0	38.30	Vertical	43.50
395.302000	15.13	-13.2	28.33	Vertical	46.00
906.395000	18.56	-3.2	21.76	Vertical	46.00

For 802.11a Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.80	-20.5	53.30	Vertical	40.00
71.952500	17.08	-22.6	39.68	Vertical	40.00
119.967500	28.01	-21.4	49.41	Vertical	43.50
179.962000	17.27	-21.0	38.27	Vertical	43.50
395.738500	16.37	-13.2	29.57	Vertical	46.00
959.987500	20.75	-2.6	23.35	Vertical	54.00

For 802.11n(HT20) Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.34	-20.5	53.84	Vertical	40.00
85.241500	6.63	-22.8	29.43	Vertical	40.00
119.967500	28.01	-21.4	49.41	Vertical	43.50
179.962000	17.28	-21.0	38.28	Vertical	43.50
479.983000	16.86	-11.3	28.16	Vertical	46.00
936.028500	19.25	-2.8	22.05	Vertical	46.00

For 802.11ac(VHT20) Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.83	-20.5	53.33	Vertical	40.00
71.952500	17.08	-22.6	39.68	Vertical	40.00
119.967500	28.06	-21.4	49.46	Vertical	43.50
179.962000	17.31	-21.0	38.31	Vertical	43.50
395.738500	16.63	-13.2	29.83	Vertical	46.00
939.132500	19.23	-2.8	22.03	Vertical	46.00

For 802.11n(HT40) Channel No.:54

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.958500	32.61	-20.5	53.11	Vertical	40.00
78.112000	11.64	-24.0	35.64	Vertical	40.00
119.967500	28.05	-21.4	49.45	Vertical	43.50
179.962000	17.35	-21.0	38.35	Vertical	43.50
395.641500	15.28	-13.2	28.48	Vertical	46.00
929.869000	19.18	-2.9	22.08	Vertical	46.00

For 802.11ac(VHT40) Channel No.:54

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.910000	32.76	-20.5	53.26	Vertical	40.00
71.952500	17.01	-22.6	39.61	Vertical	40.00
119.967500	28.02	-21.4	49.42	Vertical	43.50
179.962000	17.25	-21.0	38.25	Vertical	43.50
359.994000	14.41	-14.1	28.51	Vertical	46.00
930.160000	19.07	-2.9	21.97	Vertical	46.00

For 802.11n(HT40) Channel No.:62

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.82	-20.5	53.32	Vertical	40.00
71.952500	17.05	-22.6	39.65	Vertical	40.00
119.967500	28.09	-21.4	49.49	Vertical	43.50
179.962000	17.31	-21.0	38.31	Vertical	43.50
395.350500	15.93	-13.2	29.13	Vertical	46.00
900.623500	18.43	-3.2	21.63	Vertical	46.00

For 802.11ac(VHT40) Channel No.:62

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.88	-20.5	53.38	Vertical	40.00
60.458000	12.82	-19.0	31.82	Vertical	40.00
119.967500	28.12	-21.4	49.52	Vertical	43.50
179.962000	17.31	-21.0	38.31	Vertical	43.50
395.787000	16.63	-13.2	29.83	Vertical	46.00
958.678000	19.29	-2.6	21.89	Vertical	46.00

For 802.11ac(VHT80) Channel No.:58

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.29	-20.5	53.79	Vertical	40.00
71.952500	17.06	-22.6	39.66	Vertical	40.00
119.967500	28.10	-21.4	49.50	Vertical	43.50
179.962000	17.32	-21.0	38.32	Vertical	43.50
393.895500	9.99	-13.2	23.19	Vertical	46.00
920.848000	18.86	-3.0	21.86	Vertical	54.00

For 802.11a Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.910000	32.94	-20.5	53.44	Vertical	40.00
71.952500	17.10	-22.6	39.70	Vertical	40.00
119.967500	28.12	-21.4	49.52	Vertical	43.50
201.738500	15.56	-19.1	34.66	Vertical	43.50
395.835500	16.01	-13.2	29.21	Vertical	46.00
926.134500	19.06	-2.9	21.96	Vertical	46.00

For 802.11n(HT20) Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	32.67	-20.5	53.17	Vertical	40.00
71.952500	16.54	-22.6	39.14	Vertical	40.00
119.967500	27.69	-21.4	49.09	Vertical	43.50
179.962000	16.94	-21.0	37.94	Vertical	43.50
395.738500	16.23	-13.2	29.43	Vertical	46.00
891.408500	17.86	-3.5	21.36	Vertical	46.00

For 802.11ac(VHT20) Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.32	-20.5	53.82	Vertical	40.00
71.952500	17.01	-22.6	39.61	Vertical	40.00
119.967500	28.16	-21.4	49.56	Vertical	43.50
179.962000	17.35	-21.0	38.35	Vertical	43.50
426.148000	15.12	-12.6	27.72	Vertical	46.00
888.498500	18.10	-3.5	21.60	Vertical	46.00

For 802.11aChannel No.:120

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.43	-20.5	53.93	Vertical	40.00
71.952500	17.06	-22.6	39.66	Vertical	40.00
119.967500	28.15	-21.4	49.55	Vertical	43.50
179.962000	17.34	-21.0	38.34	Vertical	43.50
395.787000	16.67	-13.2	29.87	Vertical	46.00
957.029000	19.26	-2.6	21.86	Vertical	46.00

For 802.11n(HT20) Channel No.:120

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.25	-20.5	53.75	Vertical	40.00
71.952500	17.10	-22.6	39.70	Vertical	40.00
119.967500	28.17	-21.4	49.57	Vertical	43.50
179.962000	17.37	-21.0	38.37	Vertical	43.50
395.884000	14.86	-13.2	28.06	Vertical	46.00
944.322000	19.17	-2.8	21.97	Vertical	46.00

For 802.11ac(VHT20) Channel No.:120

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	33.20	-20.5	53.70	Vertical	40.00
77.821000	12.90	-24.0	36.90	Vertical	40.00
119.967500	28.19	-21.4	49.59	Vertical	43.50
179.962000	17.35	-21.0	38.35	Vertical	43.50
479.983000	17.00	-11.3	28.30	Vertical	46.00
940.248000	19.22	-2.8	22.02	Vertical	54.00

For 802.11aChannel No.:144

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.910000	32.92	-20.5	53.42	Vertical	40.00
71.952500	17.06	-22.6	39.66	Vertical	40.00
119.967500	28.21	-21.4	49.61	Vertical	43.50
179.962000	17.37	-21.0	38.37	Vertical	43.50
395.496000	14.22	-13.2	27.42	Vertical	46.00
918.180500	18.87	-3.0	21.87	Vertical	46.00

For 802.11n(HT20) Channel No.:144

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	33.12	-20.5	53.62	Vertical	40.00
71.952500	17.07	-22.6	39.67	Vertical	40.00
119.967500	28.21	-21.4	49.61	Vertical	43.50
199.944000	10.38	-19.2	29.58	Vertical	43.50
395.690000	14.67	-13.2	27.87	Vertical	46.00
941.751500	19.27	-2.8	22.07	Vertical	46.00

For 802.11ac(VHT20) Channel No.:144

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.74	-20.5	53.24	Vertical	40.00
71.952500	17.09	-22.6	39.69	Vertical	40.00
119.967500	28.22	-21.4	49.62	Vertical	43.50
179.962000	17.34	-21.0	38.34	Vertical	43.50
395.787000	15.52	-13.2	28.72	Vertical	46.00
956.495500	19.27	-2.6	21.87	Vertical	46.00

For 802.11n(HT40) Channel No.:102

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.19	-20.5	53.69	Vertical	40.00
71.952500	17.10	-22.6	39.70	Vertical	40.00
119.967500	28.23	-21.4	49.63	Vertical	43.50
179.962000	17.37	-21.0	38.37	Vertical	43.50
395.738500	16.48	-13.2	29.68	Vertical	46.00
938.017000	19.19	-2.8	21.99	Vertical	54.00

For 802.11ac(VHT40) Channel No.:102

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.16	-20.5	53.66	Vertical	40.00
71.952500	17.13	-22.6	39.73	Vertical	40.00
119.967500	28.22	-21.4	49.62	Vertical	43.50
179.962000	17.38	-21.0	38.38	Vertical	43.50
479.983000	16.97	-11.3	28.27	Vertical	46.00
891.893500	18.07	-3.5	21.57	Vertical	46.00

For 802.11n(HT40) Channel No.:118

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.910000	32.82	-20.5	53.32	Vertical	40.00
71.952500	17.13	-22.6	39.73	Vertical	40.00
119.967500	28.25	-21.4	49.65	Vertical	43.50
179.962000	17.42	-21.0	38.42	Vertical	43.50
395.835500	16.52	-13.2	29.72	Vertical	46.00
958.241500	19.29	-2.6	21.89	Vertical	46.00

For 802.11ac(VHT40) Channel No.:118

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.007000	32.29	-20.5	52.79	Vertical	40.00
71.952500	17.11	-22.6	39.71	Vertical	40.00
119.967500	28.26	-21.4	49.66	Vertical	43.50
179.962000	17.39	-21.0	38.39	Vertical	43.50
395.690000	16.02	-13.2	29.22	Vertical	46.00
912.894000	18.73	-3.1	21.83	Vertical	46.00

For 802.11n(HT40) Channel No.:142

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	33.03	-20.5	53.53	Vertical	40.00
71.952500	17.18	-22.6	39.78	Vertical	40.00
119.967500	28.28	-21.4	49.68	Vertical	43.50
179.962000	17.38	-21.0	38.38	Vertical	43.50
395.738500	16.45	-13.2	29.65	Vertical	46.00
912.021000	19.17	-3.1	22.27	Vertical	46.00

For 802.11ac(VHT40) Channel No.:142

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.910000	32.78	-20.5	53.28	Vertical	40.00
71.952500	17.12	-22.6	39.72	Vertical	40.00
119.967500	28.28	-21.4	49.68	Vertical	43.50
179.962000	17.38	-21.0	38.38	Vertical	43.50
395.544500	15.12	-13.2	28.32	Vertical	46.00
909.450500	18.71	-3.1	21.81	Vertical	46.00

For 802.11ac(VHT80) Channel No.:106

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.23	-20.5	53.73	Vertical	40.00
71.952500	17.16	-22.6	39.76	Vertical	40.00
119.967500	28.30	-21.4	49.70	Vertical	43.50
179.962000	17.41	-21.0	38.41	Vertical	43.50
395.835500	16.46	-13.2	29.66	Vertical	46.00
948.590000	19.10	-2.8	21.90	Vertical	46.00

For 802.11ac(VHT80) Channel No.:122

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	33.02	-20.5	53.52	Vertical	40.00
62.058500	16.60	-19.5	36.10	Vertical	40.00
119.967500	28.29	-21.4	49.69	Vertical	43.50
179.962000	17.40	-21.0	38.40	Vertical	43.50
395.302000	15.96	-13.2	29.16	Vertical	46.00
942.430500	19.26	-2.8	22.06	Vertical	46.00

For 802.11ac(VHT80) Channel No.:138

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.19	-20.5	53.69	Vertical	40.00
66.278000	11.68	-20.9	32.58	Vertical	40.00
119.967500	28.30	-21.4	49.70	Vertical	43.50
179.962000	17.40	-21.0	38.40	Vertical	43.50
395.738500	16.65	-13.2	29.85	Vertical	46.00
729.952000	15.44	-6.1	21.54	Vertical	46.00

For 802.11aChannel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.06	-20.5	53.56	Vertical	40.00
71.952500	17.19	-22.6	39.79	Vertical	40.00
119.967500	28.30	-21.4	49.70	Vertical	43.50
179.962000	17.35	-21.0	38.35	Vertical	43.50
395.205000	15.90	-13.2	29.10	Vertical	46.00
931.954500	19.12	-2.9	22.02	Vertical	46.00

For 802.11n(HT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.958500	32.45	-20.5	52.95	Vertical	40.00
71.952500	17.18	-22.6	39.78	Vertical	40.00
119.967500	28.33	-21.4	49.73	Vertical	43.50
196.112500	10.24	-19.4	29.64	Vertical	43.50
395.156500	12.94	-13.2	26.14	Vertical	46.00
959.987500	20.83	-2.6	23.43	Vertical	46.00

For 802.11ac(VHT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.65	-20.5	53.15	Vertical	40.00
71.952500	17.17	-22.6	39.77	Vertical	40.00
119.967500	28.32	-21.4	49.72	Vertical	43.50
179.962000	17.37	-21.0	38.37	Vertical	43.50
395.835500	15.32	-13.2	28.52	Vertical	46.00
881.126500	17.93	-3.6	21.53	Vertical	46.00

For 802.11aChannel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.05	-20.5	53.55	Vertical	40.00
71.952500	17.19	-22.6	39.79	Vertical	40.00
119.967500	28.34	-21.4	49.74	Vertical	43.50
179.962000	17.42	-21.0	38.42	Vertical	43.50
395.544500	14.76	-13.2	27.96	Vertical	46.00
928.365500	19.10	-2.9	22.00	Vertical	46.00

For 802.11n(HT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.06	-20.5	53.56	Vertical	40.00
55.608000	11.67	-18.2	29.87	Vertical	40.00
119.967500	28.33	-21.4	49.73	Vertical	43.50
195.336500	9.31	-19.4	28.71	Vertical	43.50
479.983000	16.86	-11.3	28.16	Vertical	46.00
926.619500	19.15	-2.9	22.05	Vertical	46.00

For 802.11ac(VHT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.007000	32.07	-20.5	52.57	Vertical	40.00
71.952500	17.19	-22.6	39.79	Vertical	40.00
119.967500	28.32	-21.4	49.72	Vertical	43.50
192.814500	5.57	-19.5	25.07	Vertical	43.50
479.983000	16.95	-11.3	28.25	Vertical	46.00
959.939000	19.79	-2.6	22.39	Vertical	46.00

For 802.11aChannel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.65	-20.5	53.15	Vertical	40.00
71.952500	17.14	-22.6	39.74	Vertical	40.00
119.967500	28.33	-21.4	49.73	Vertical	43.50
179.962000	17.39	-21.0	38.39	Vertical	43.50
395.108000	11.37	-13.2	24.57	Vertical	46.00
917.501500	18.81	-3.0	21.81	Vertical	46.00

For 802.11n(HT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.813000	33.14	-20.5	53.64	Vertical	40.00
72.001000	19.63	-22.6	42.23	Vertical	40.00
119.967500	28.33	-21.4	49.73	Vertical	43.50
179.962000	17.43	-21.0	38.43	Vertical	43.50
479.983000	17.21	-11.3	28.51	Vertical	46.00
929.238500	19.15	-2.9	22.05	Vertical	46.00

For 802.11ac(VHT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.22	-20.5	53.72	Vertical	40.00
71.952500	17.15	-22.6	39.75	Vertical	40.00
119.967500	28.36	-21.4	49.76	Vertical	43.50
179.962000	17.42	-21.0	38.42	Vertical	43.50
395.253500	14.85	-13.2	28.05	Vertical	46.00
931.712000	19.20	-2.9	22.10	Vertical	54.00

For 802.11n(HT40) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.16	-20.5	53.66	Vertical	40.00
71.952500	17.12	-22.6	39.72	Vertical	40.00
119.967500	28.36	-21.4	49.76	Vertical	43.50
179.962000	17.39	-21.0	38.39	Vertical	43.50
395.690000	15.92	-13.2	29.12	Vertical	46.00
957.465500	19.31	-2.6	21.91	Vertical	46.00

For 802.11ac(VHT40) Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.667500	31.89	-20.6	52.49	Vertical	40.00
71.952500	17.22	-22.6	39.82	Vertical	40.00
119.967500	28.34	-21.4	49.74	Vertical	43.50
179.962000	17.41	-21.0	38.41	Vertical	43.50
479.983000	16.94	-11.3	28.24	Vertical	46.00
928.656500	19.19	-2.9	22.09	Vertical	46.00

For 802.11n(HT40) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.764500	33.07	-20.5	53.57	Vertical	40.00
71.952500	17.19	-22.6	39.79	Vertical	40.00
119.967500	28.35	-21.4	49.75	Vertical	43.50
179.962000	17.41	-21.0	38.41	Vertical	43.50
395.690000	16.00	-13.2	29.20	Vertical	46.00
959.987500	20.82	-2.6	23.42	Vertical	46.00

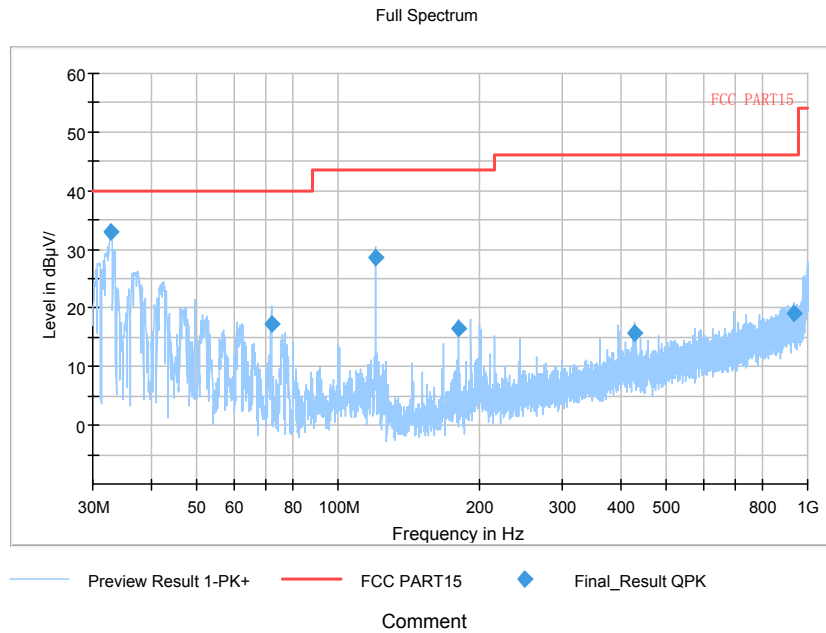
For 802.11ac(VHT40) Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.716000	32.62	-20.5	53.12	Vertical	40.00
71.952500	17.21	-22.6	39.81	Vertical	40.00
119.967500	28.37	-21.4	49.77	Vertical	43.50
179.962000	17.42	-21.0	38.42	Vertical	43.50
395.787000	16.08	-13.2	29.28	Vertical	46.00
932.148500	19.23	-2.9	22.13	Vertical	46.00

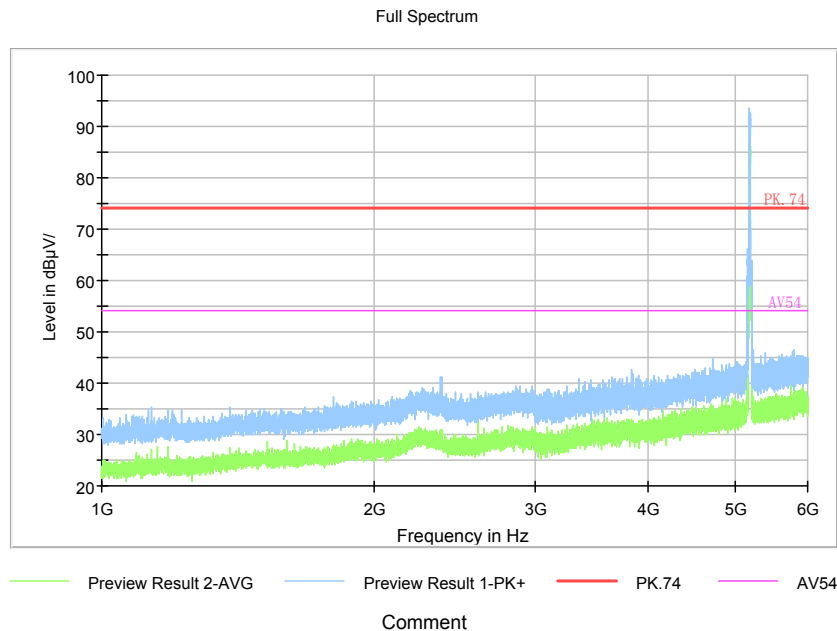
For 802.11ac(VHT80) Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.861500	32.90	-20.5	53.40	Vertical	40.00
75.347500	12.01	-23.4	35.41	Vertical	40.00
119.967500	28.40	-21.4	49.80	Vertical	43.50
179.962000	17.42	-21.0	38.42	Vertical	43.50
426.196500	14.81	-12.6	27.41	Vertical	46.00
957.417000	19.37	-2.6	21.97	Vertical	46.00

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

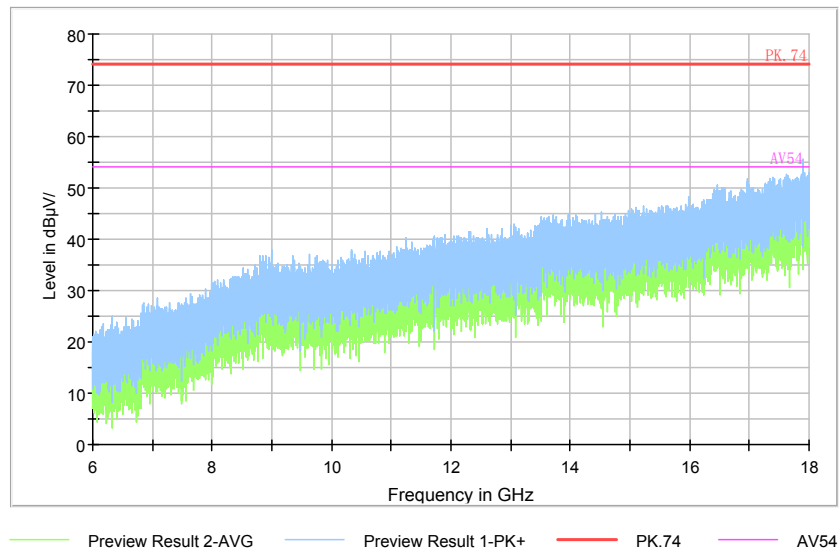


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



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

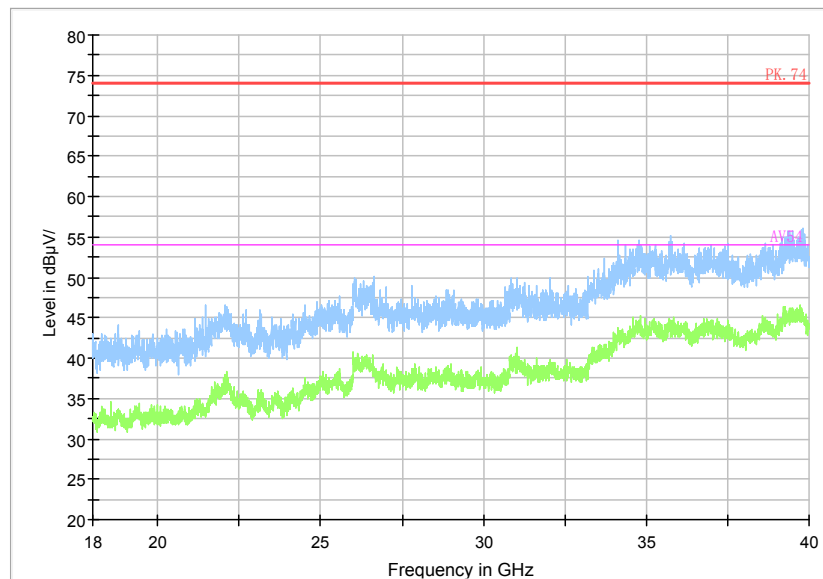
Full Spectrum



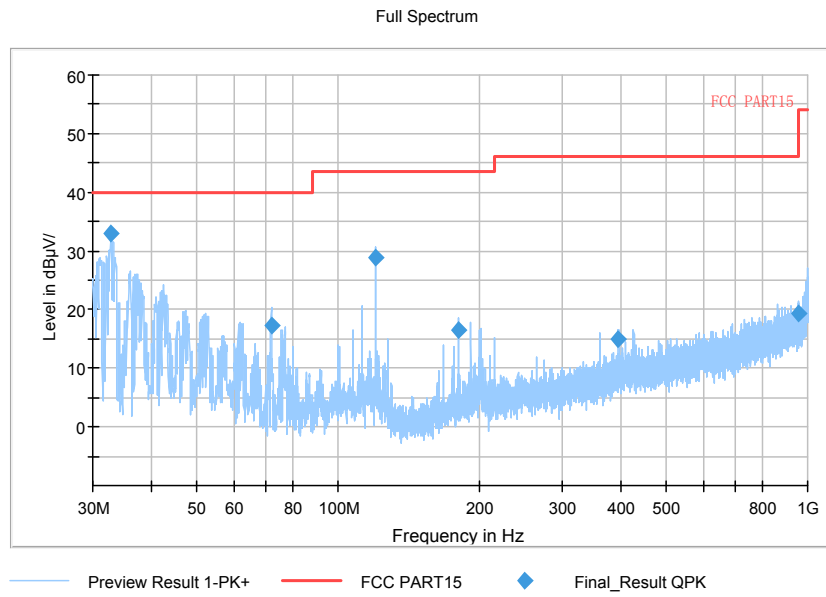
Comment

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

Full Spectrum

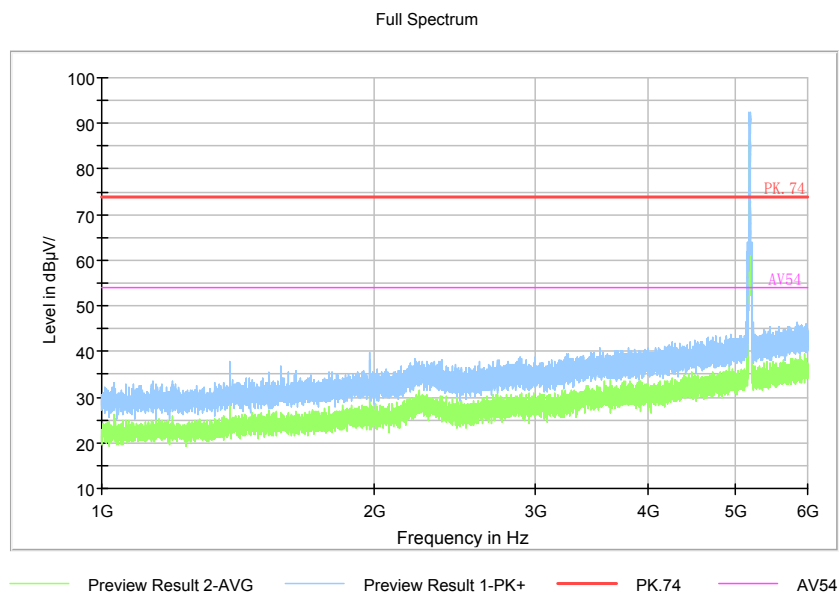


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



Comment

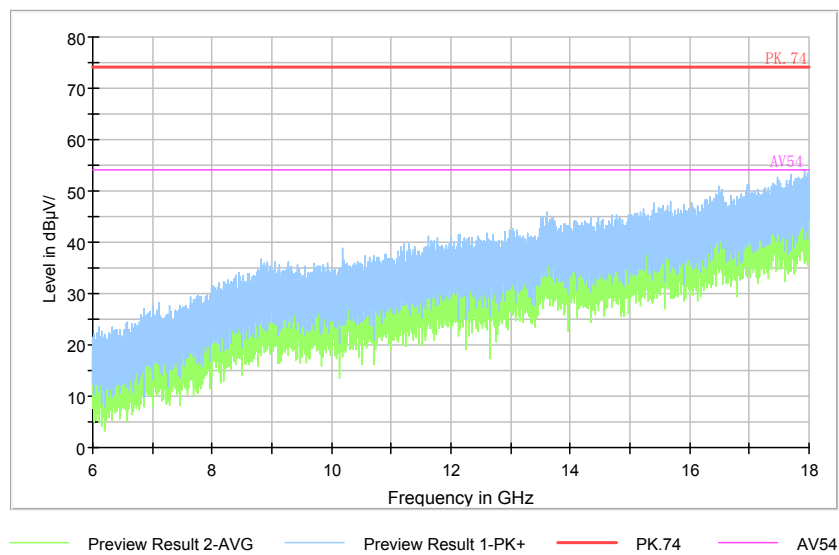
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



Comment

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

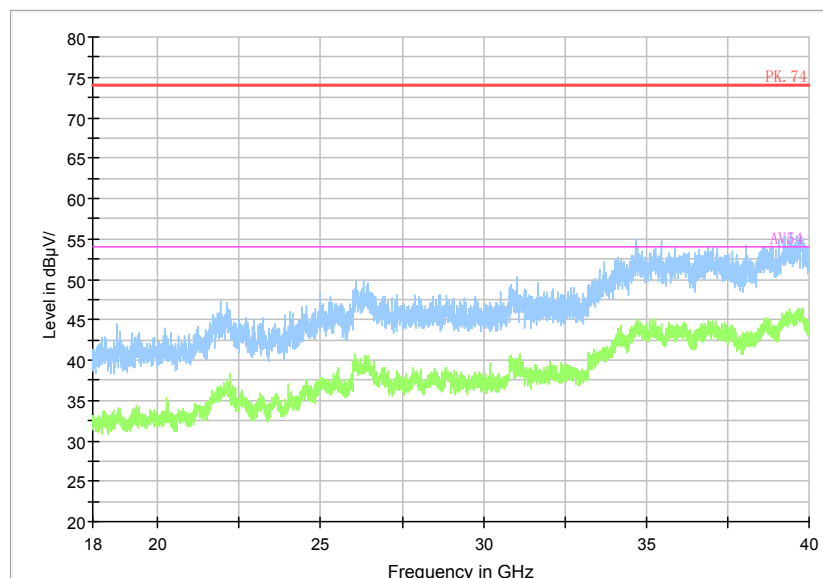
Full Spectrum



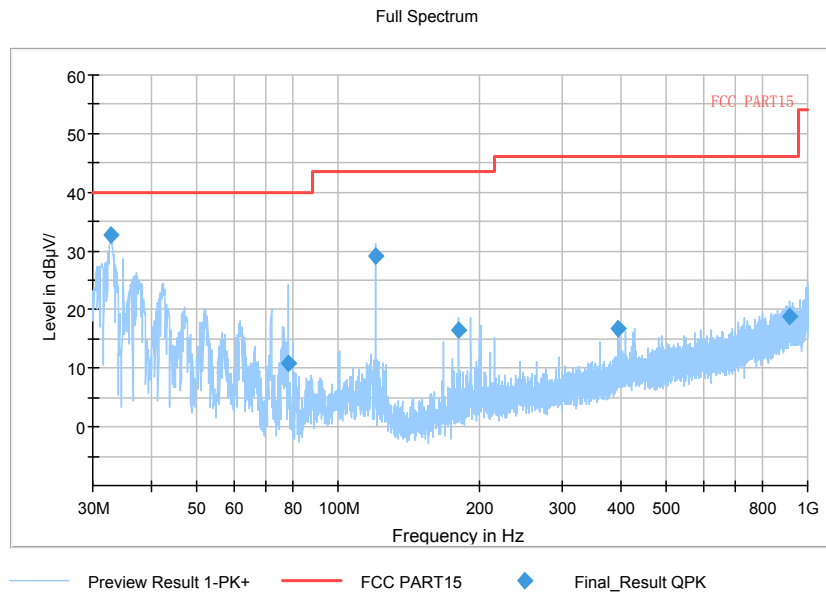
Comment

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

Full Spectrum

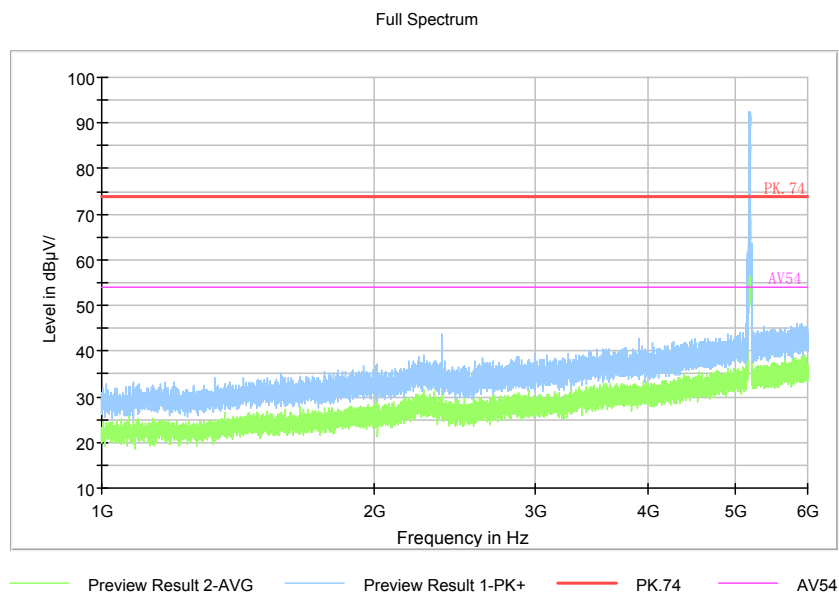


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Comment

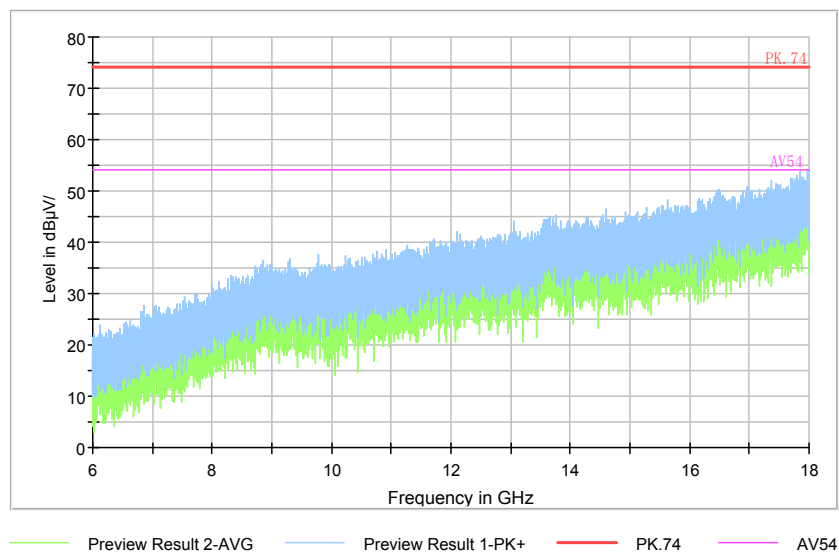
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT20)



Comment

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

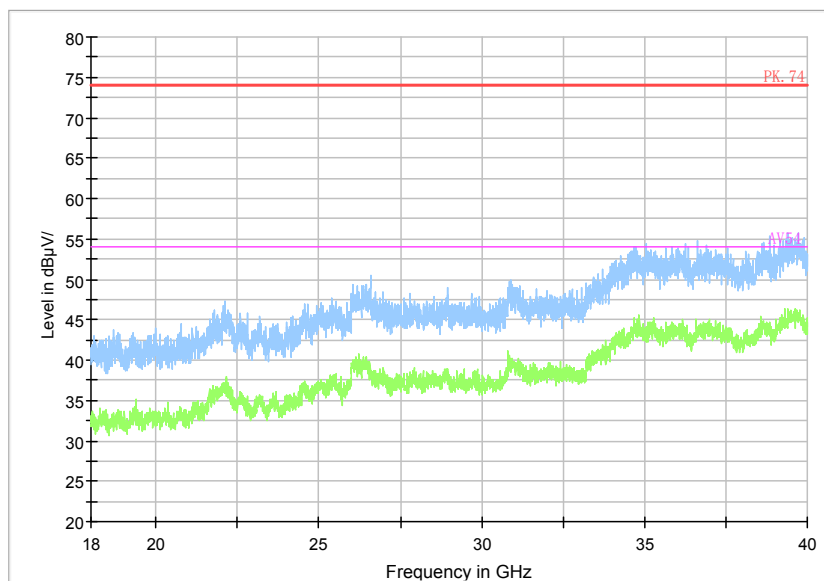
Full Spectrum



Comment

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

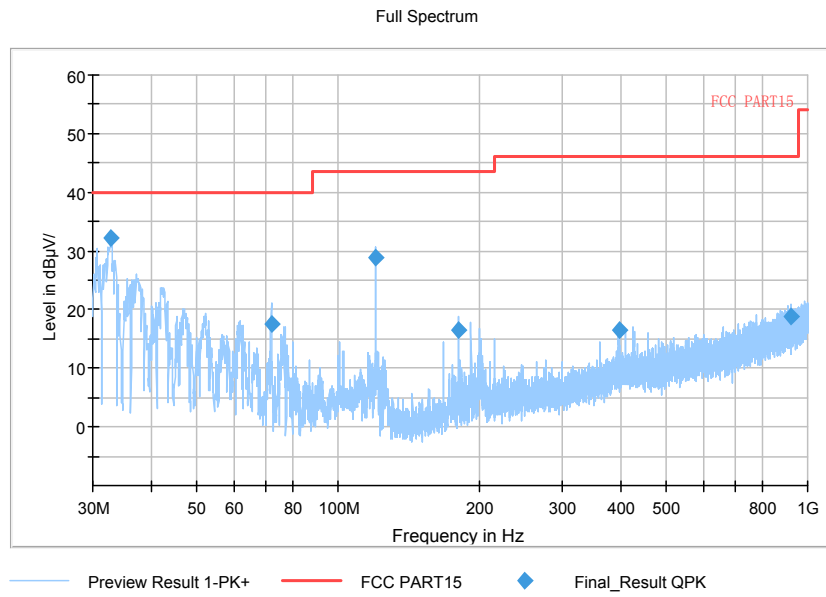
Full Spectrum



1

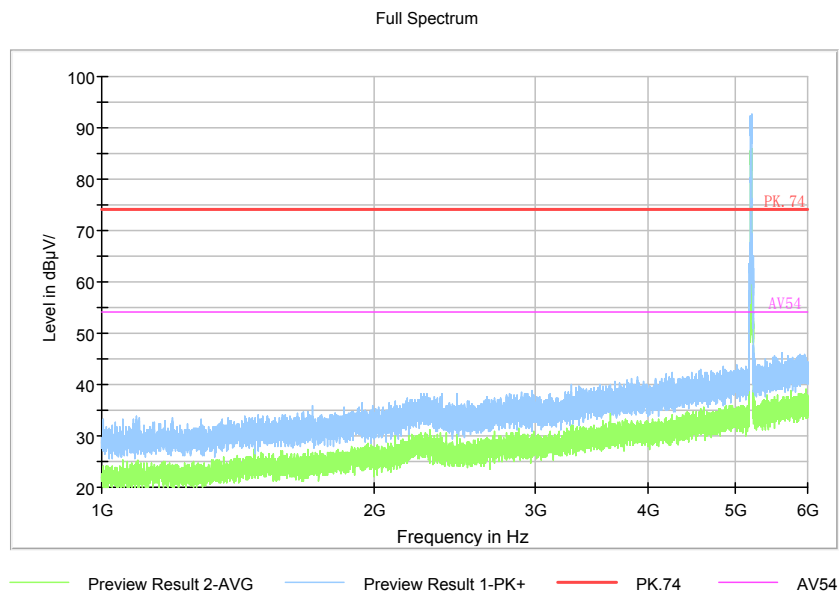
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

Carrier frequency (MHz): 5200
Channel No.:40



Comment

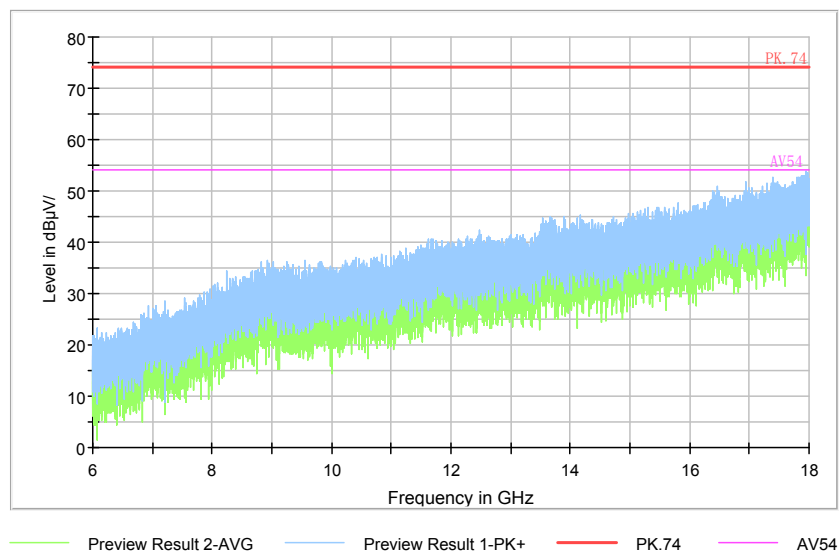
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



Comment

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

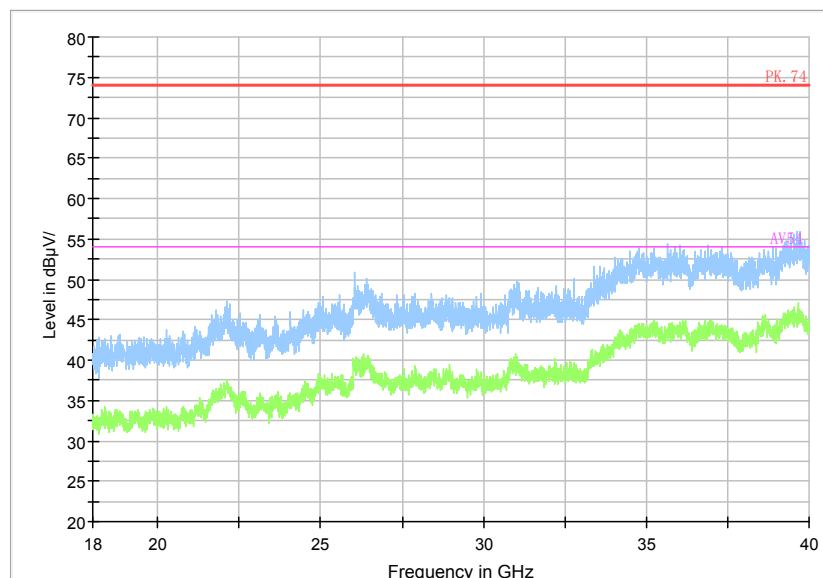
Full Spectrum



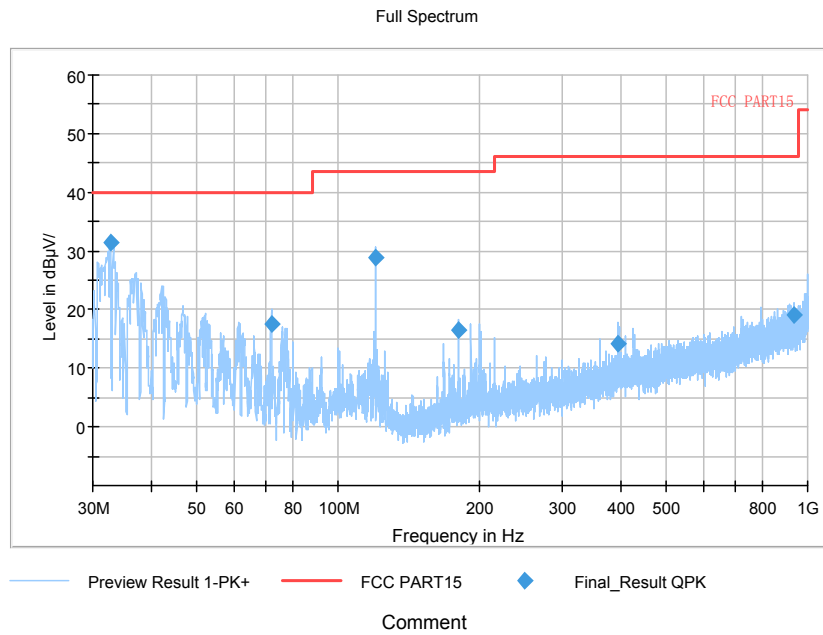
Comment

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

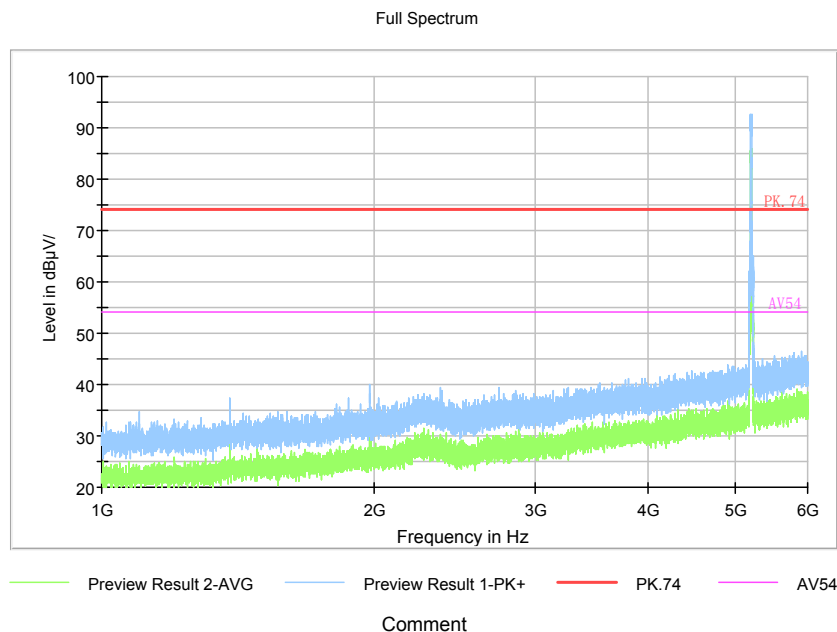
Full Spectrum



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

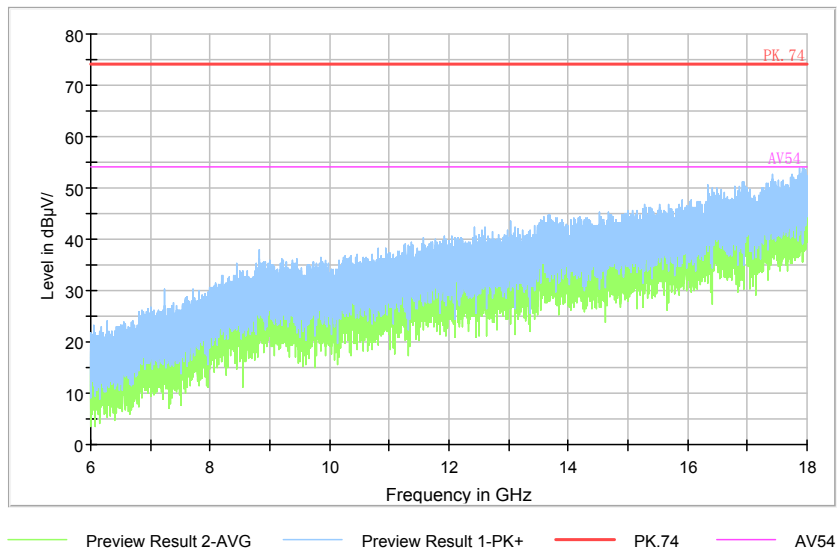


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



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

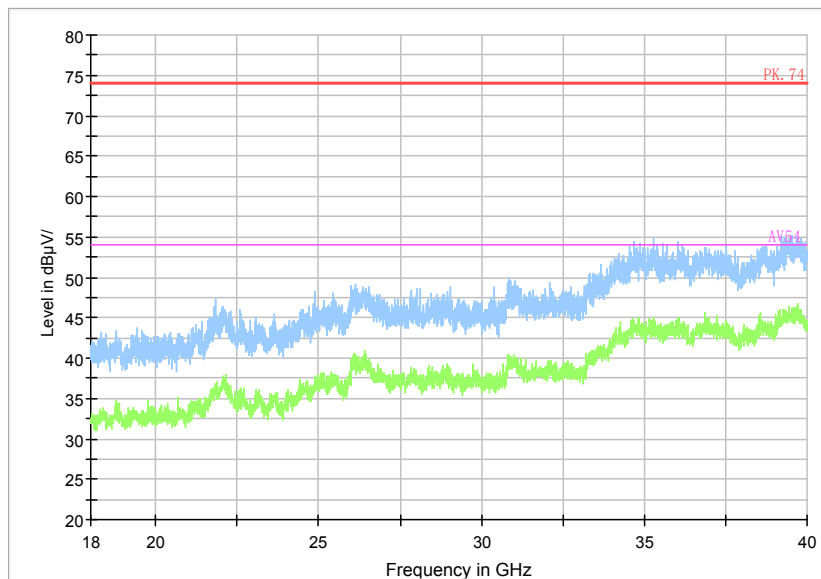
Full Spectrum



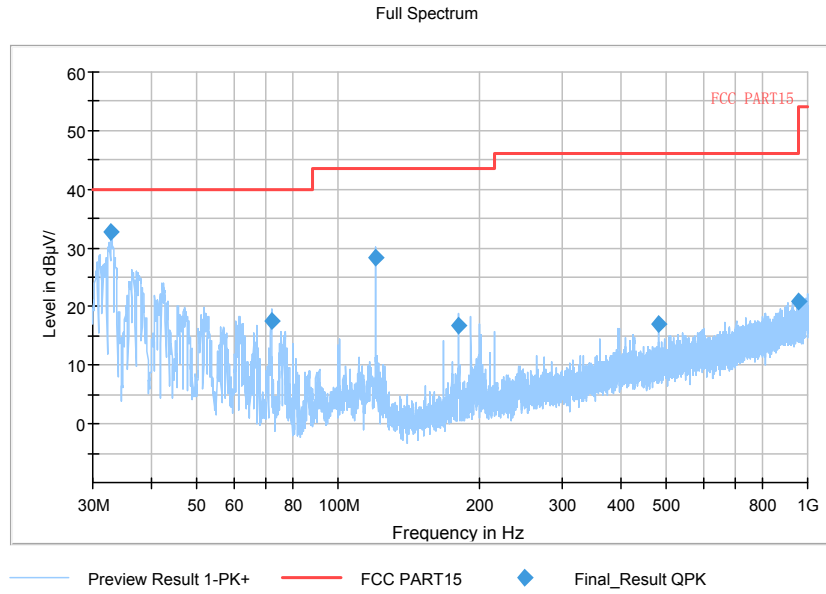
Comment

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

Full Spectrum

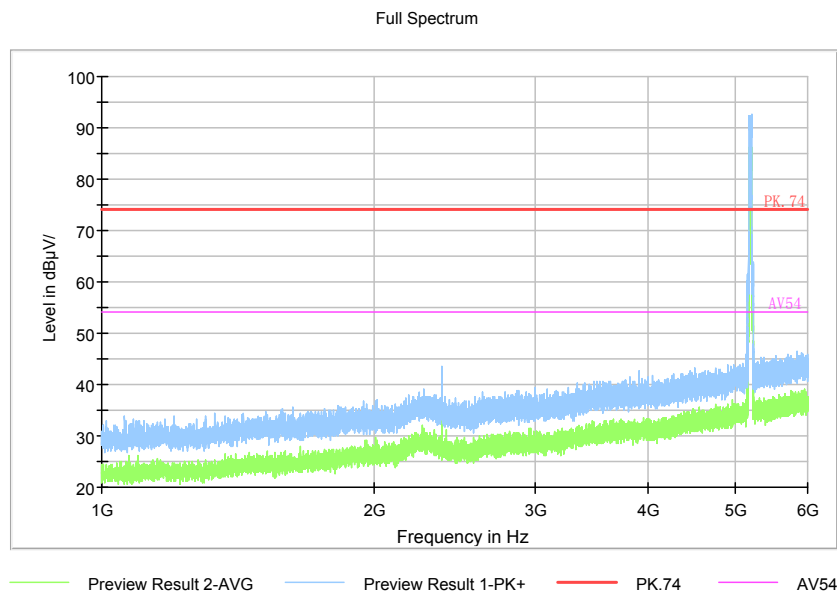


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Comment

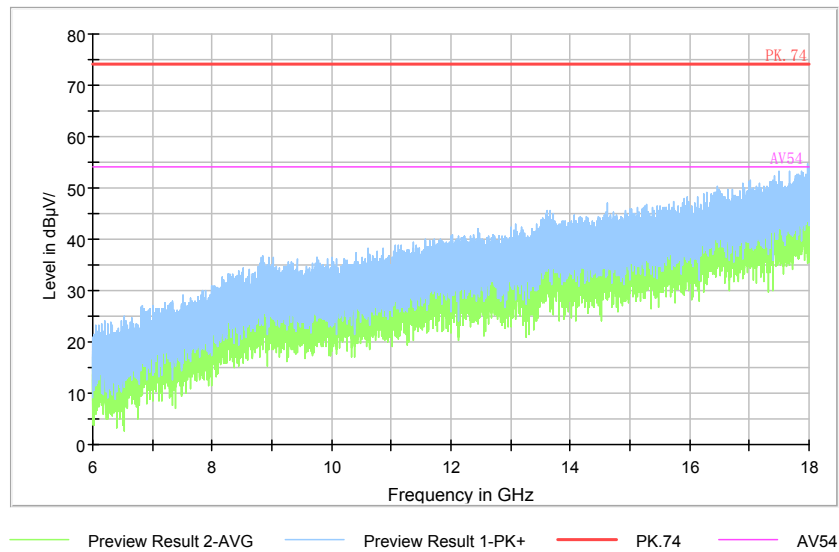
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT20)



Comment

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

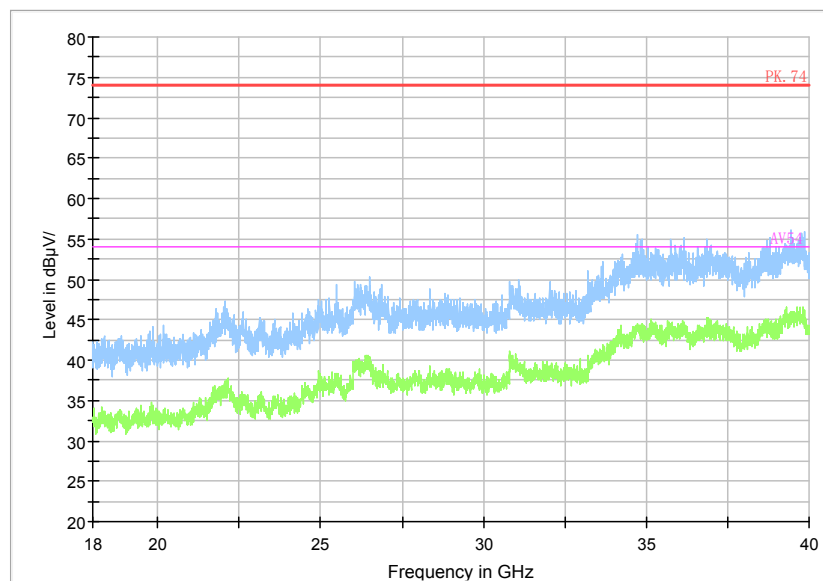
Full Spectrum



Comment

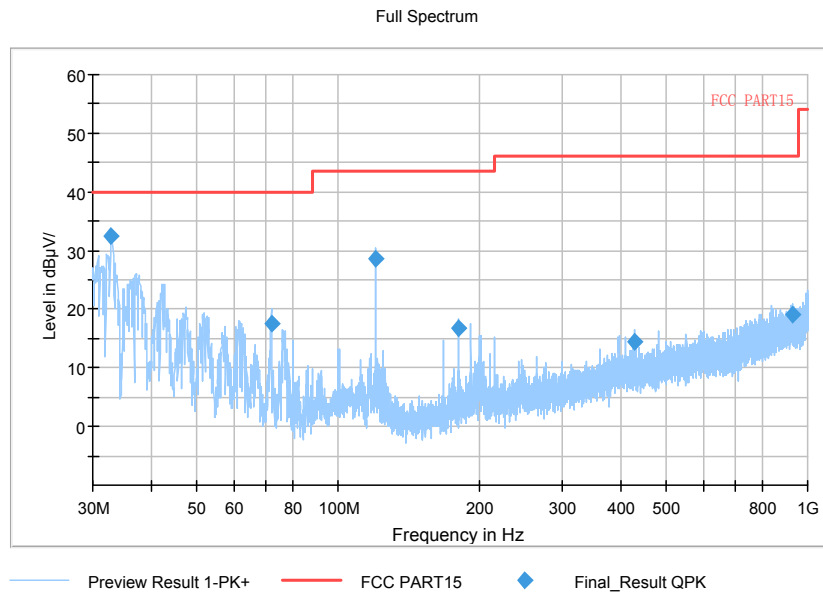
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

Full Spectrum



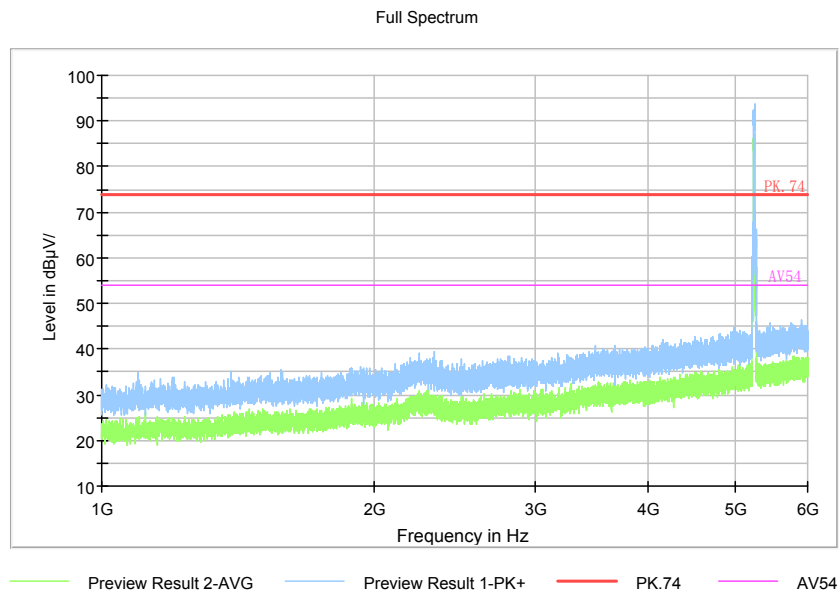
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

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



Comment

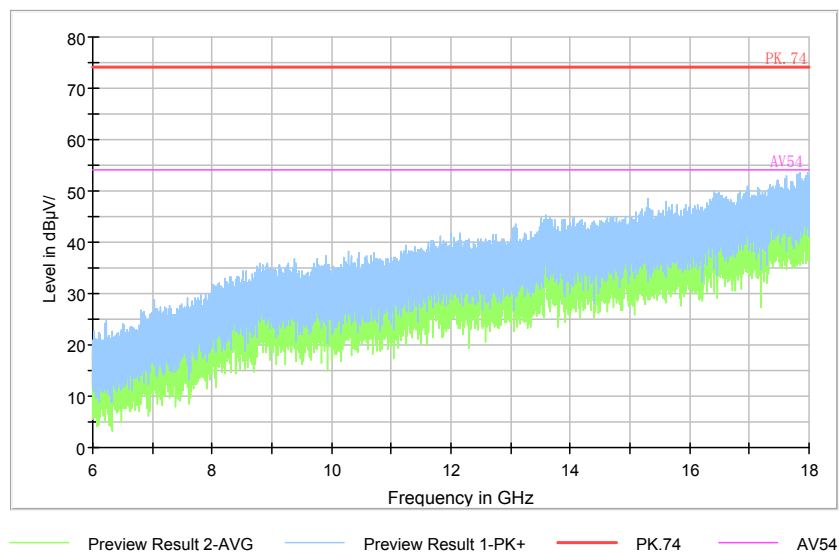
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



Comment

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

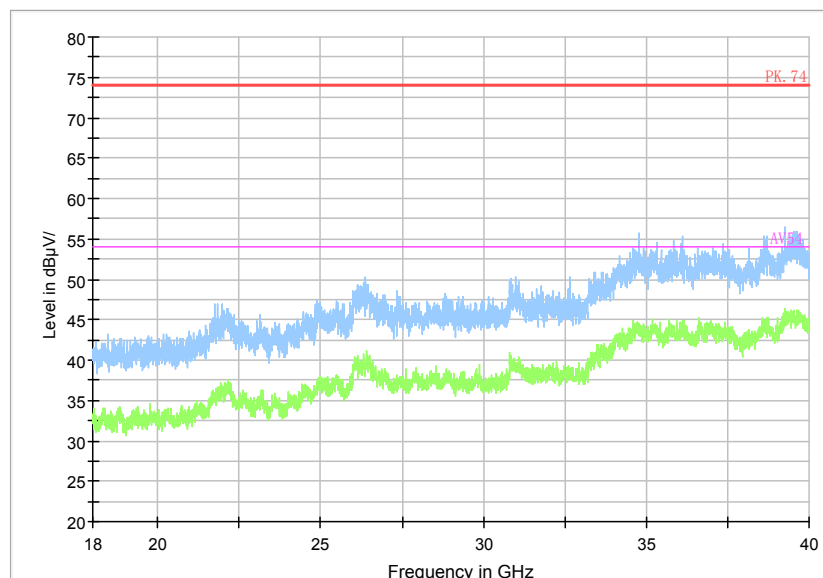
Full Spectrum



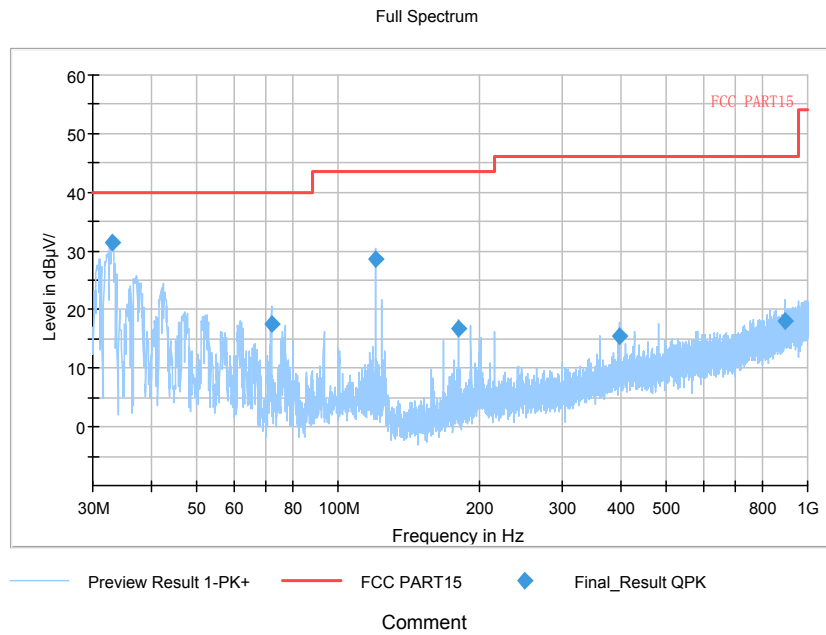
Comment

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

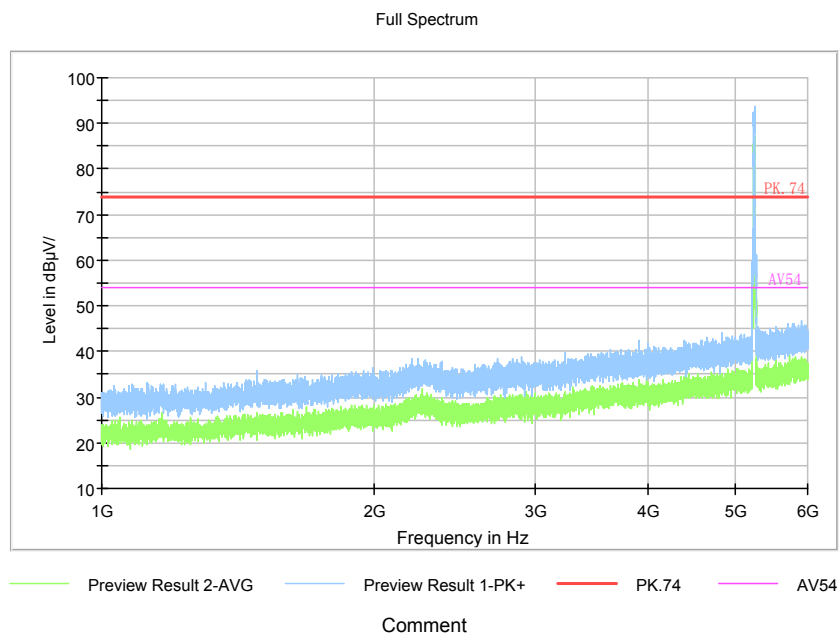
Full Spectrum



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

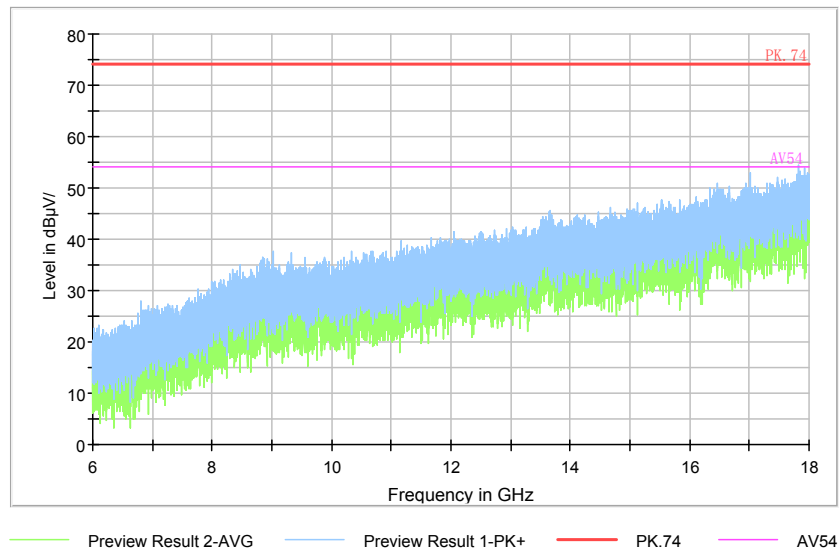


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



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

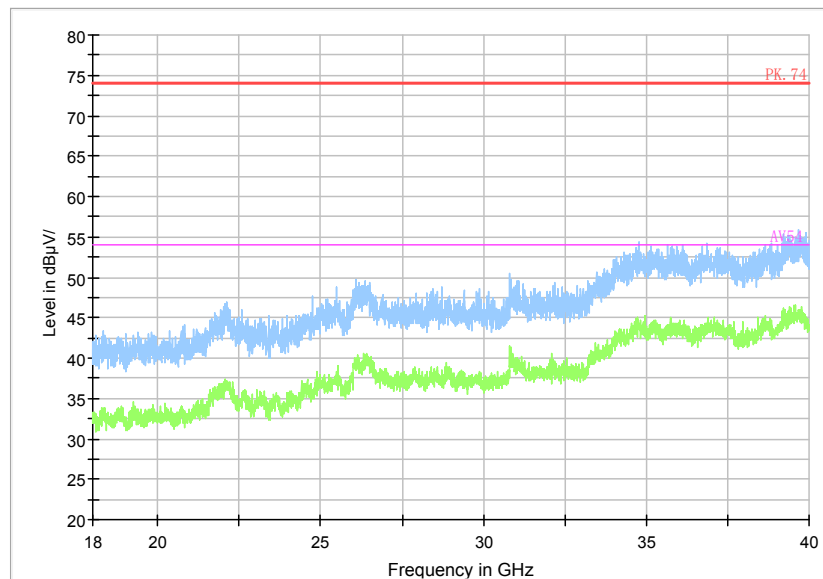
Full Spectrum



Comment

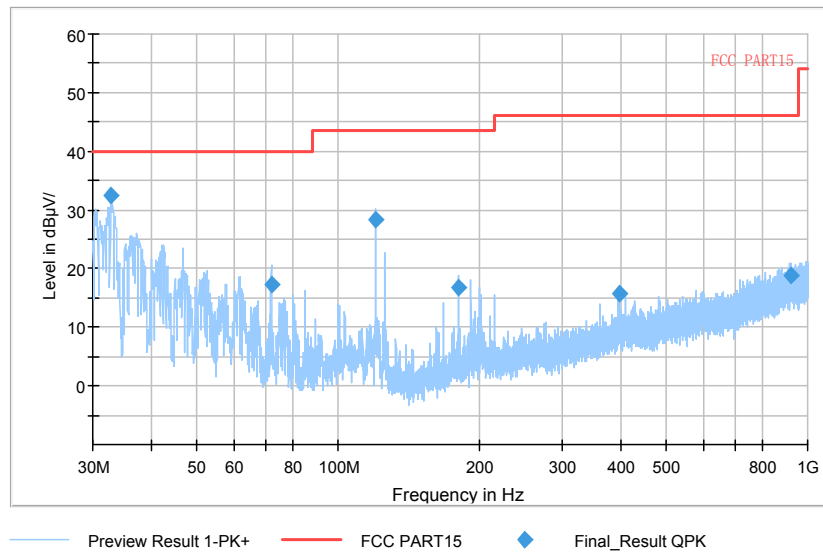
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

Full Spectrum



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

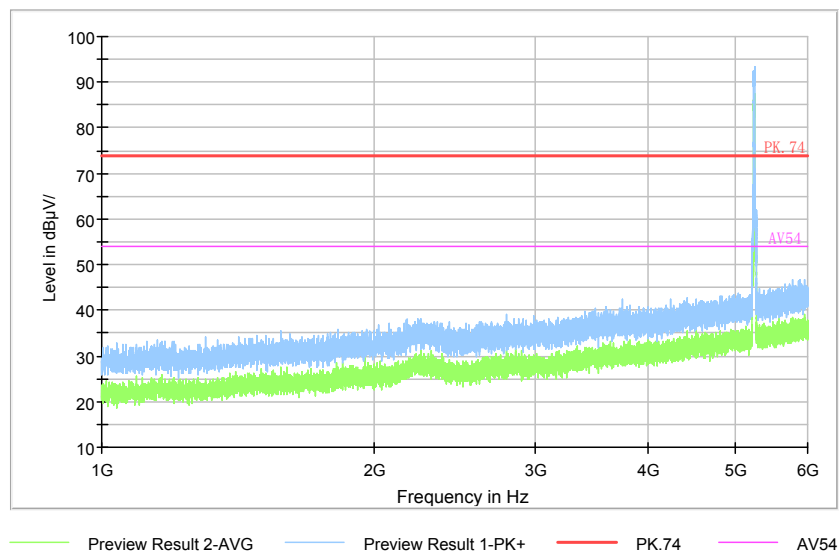
Full Spectrum



Comment

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

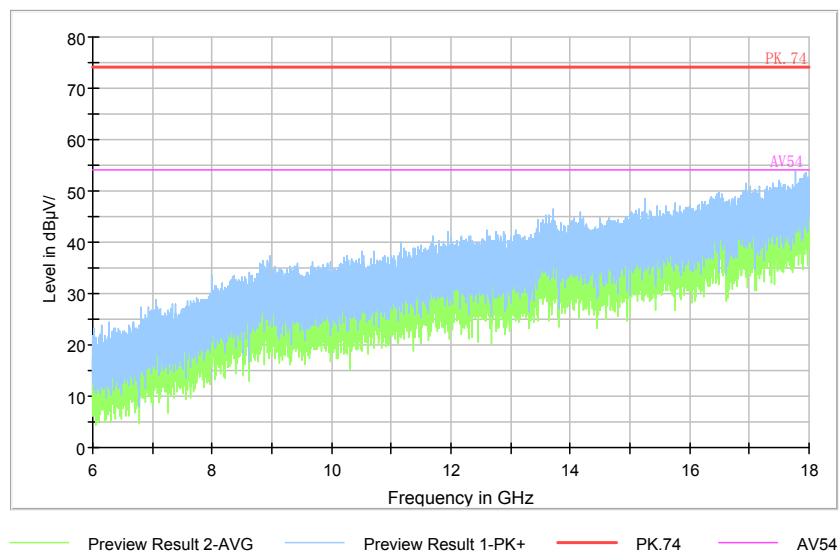
Full Spectrum



Comment

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

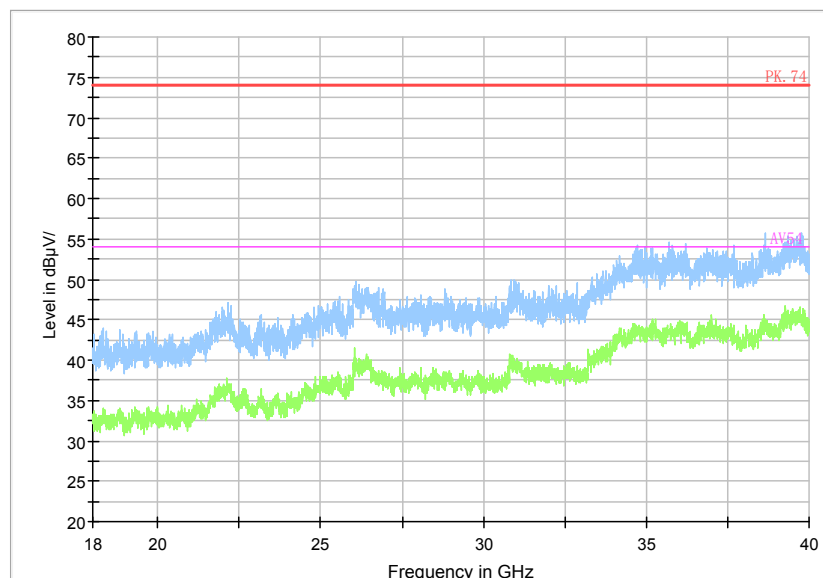
Full Spectrum



Comment

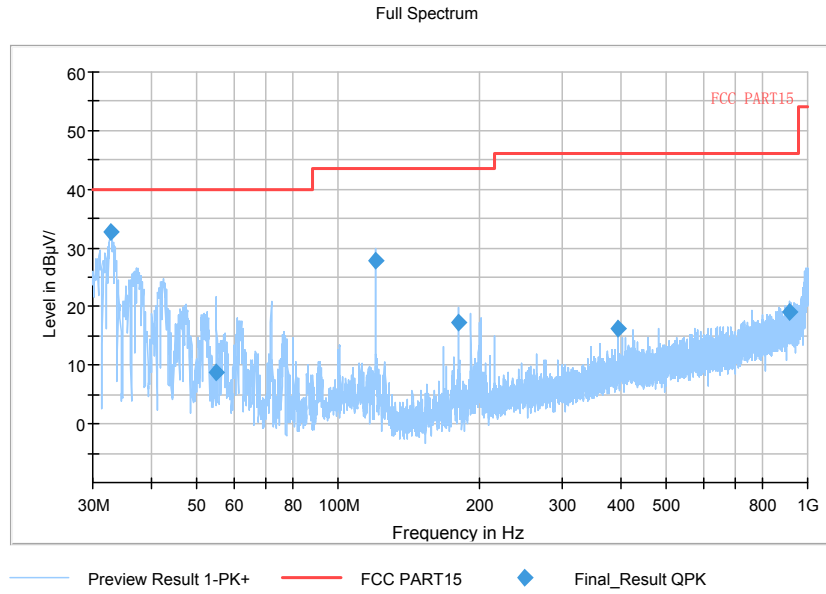
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

Full Spectrum



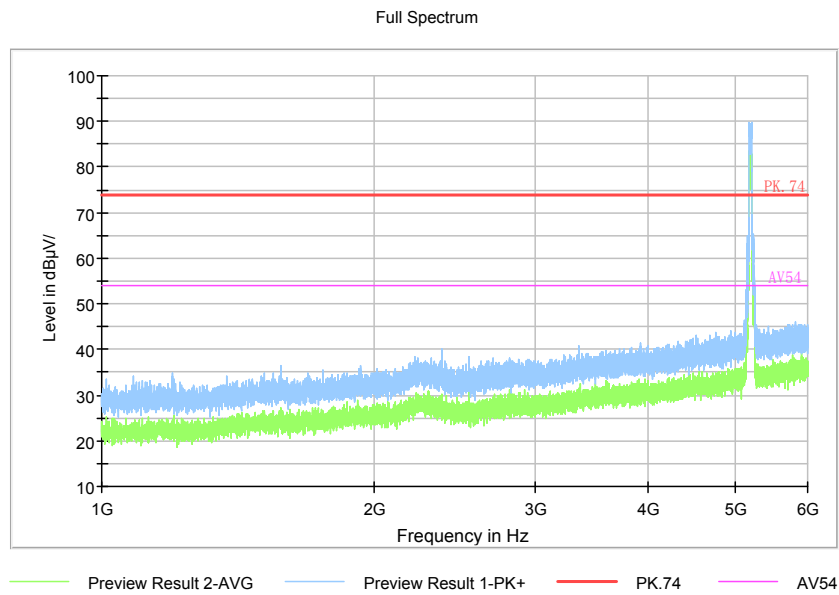
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

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



Comment

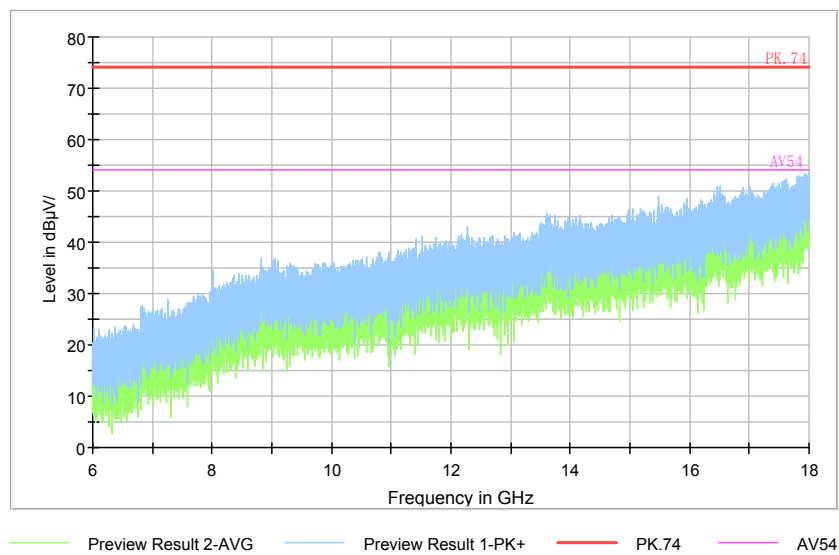
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40)



Comment

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

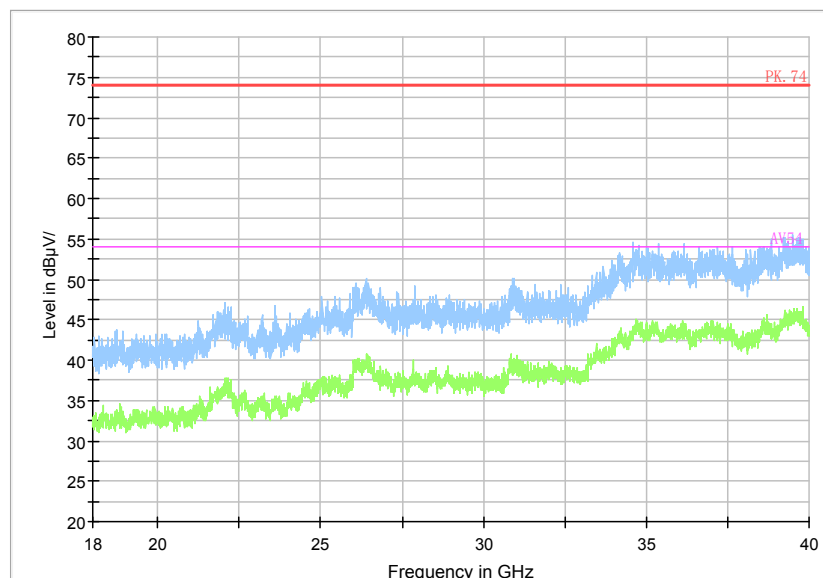
Full Spectrum



Comment

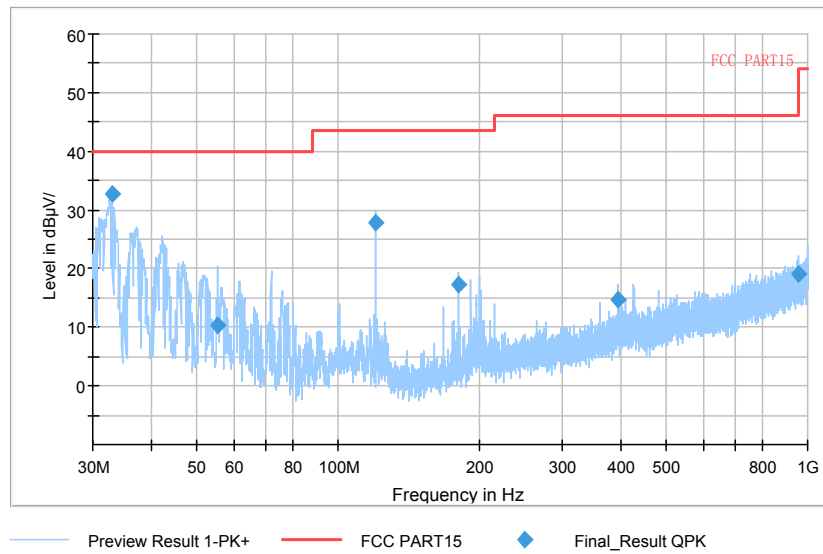
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



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

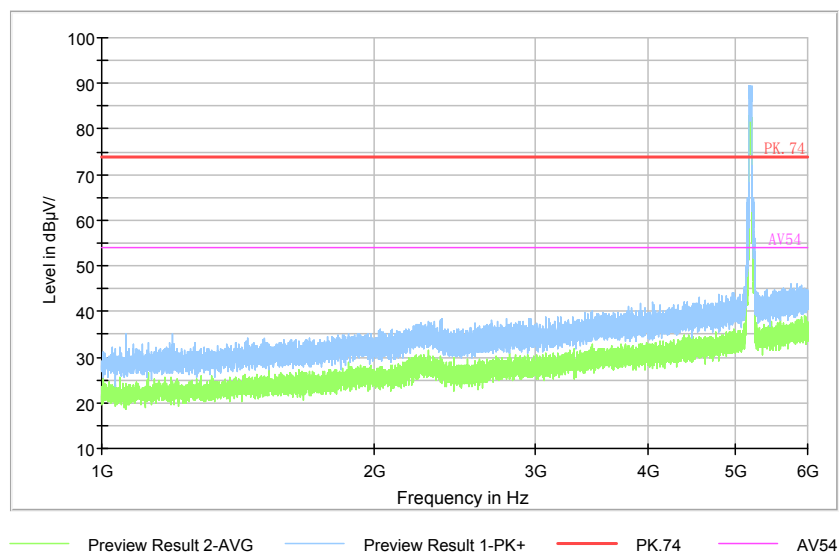
Full Spectrum



Comment

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

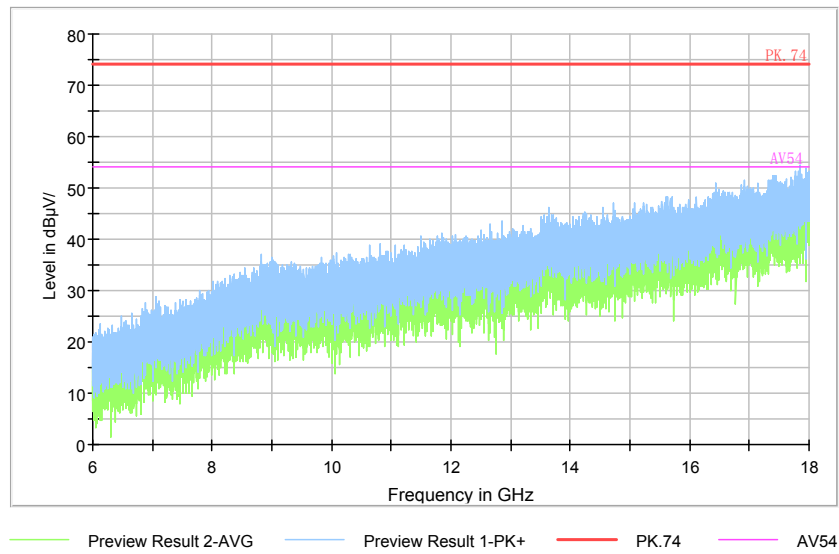
Full Spectrum



Comment

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

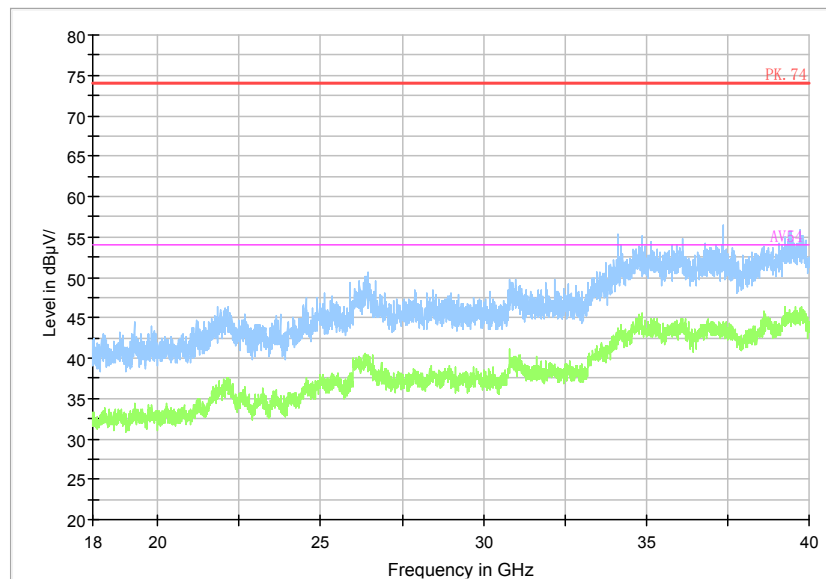
Full Spectrum



Comment

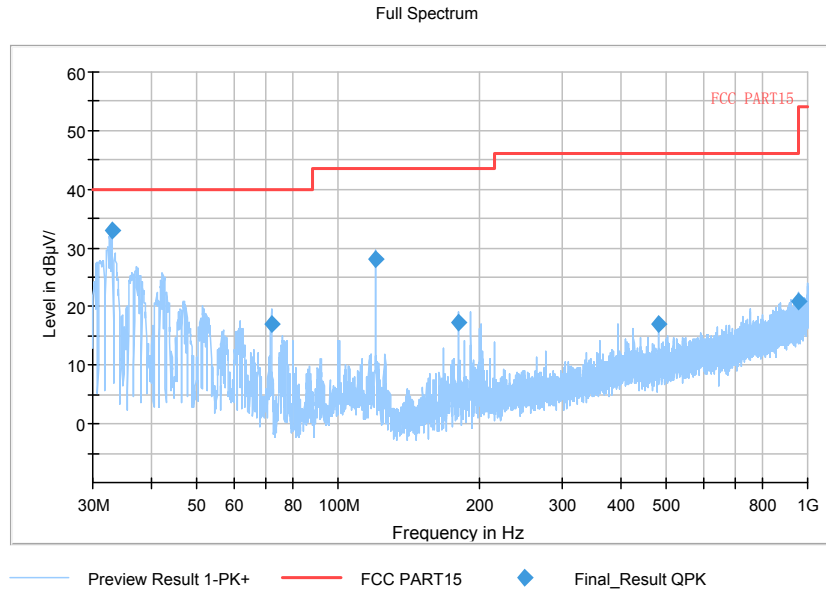
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

Full Spectrum



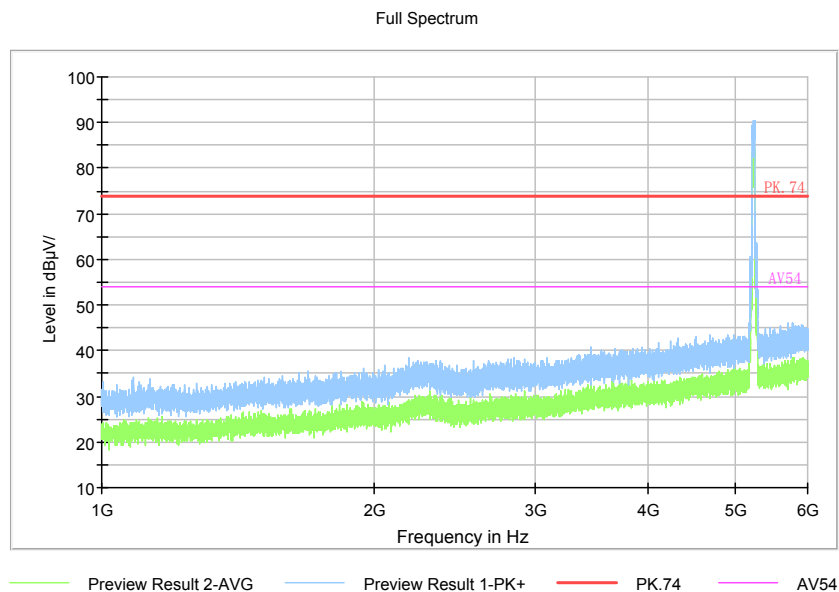
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

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



Comment

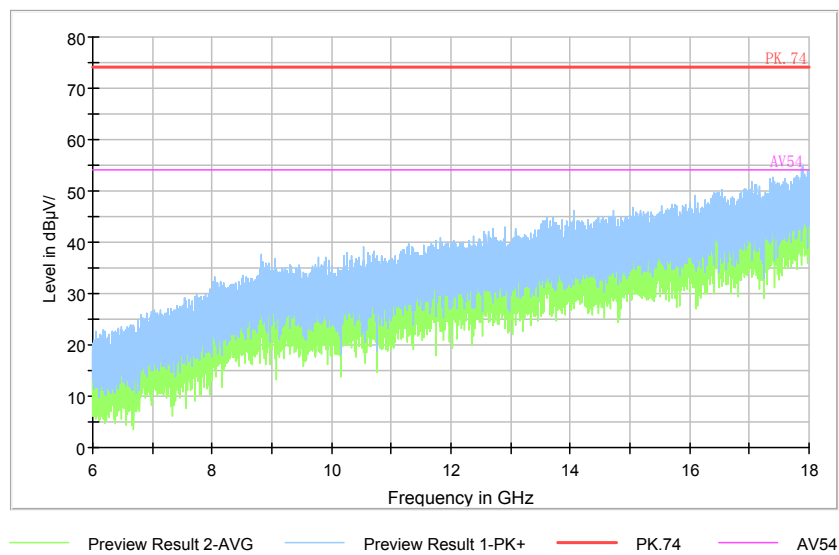
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40)



Comment

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

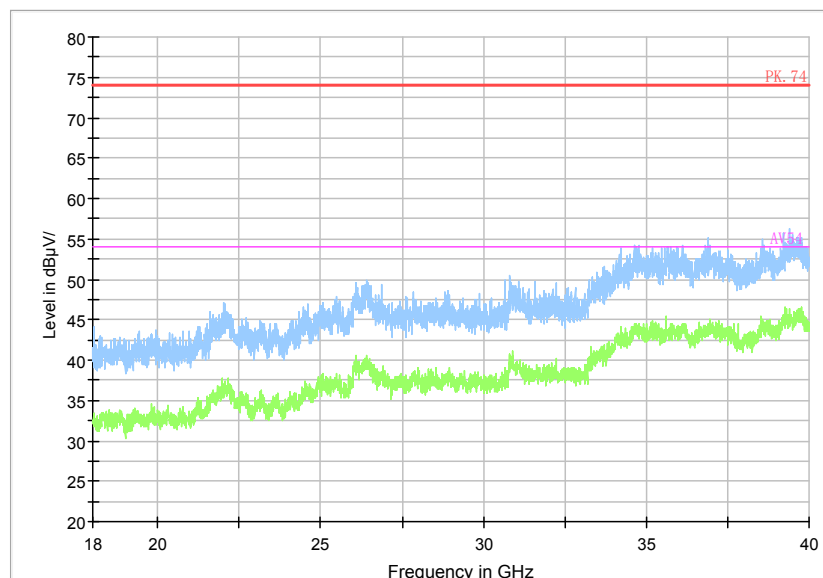
Full Spectrum



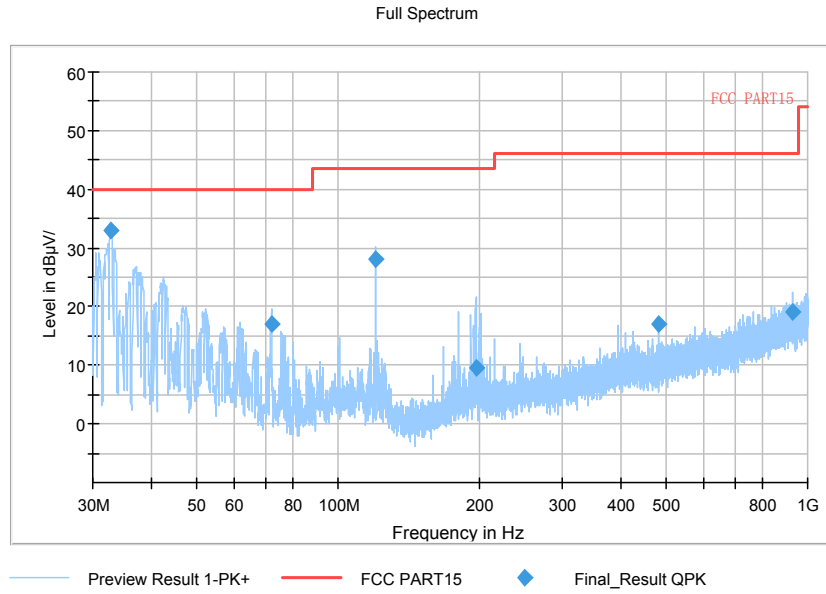
Comment

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

Full Spectrum

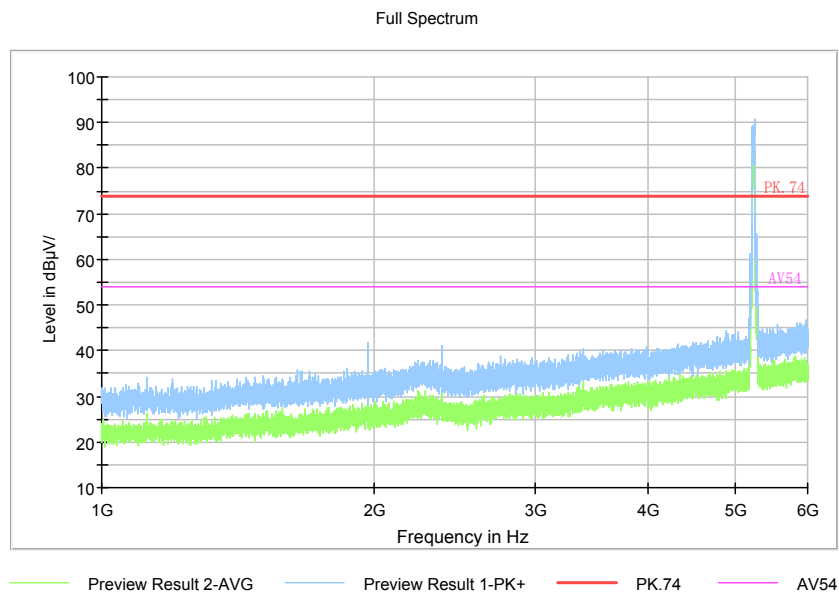


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



Comment

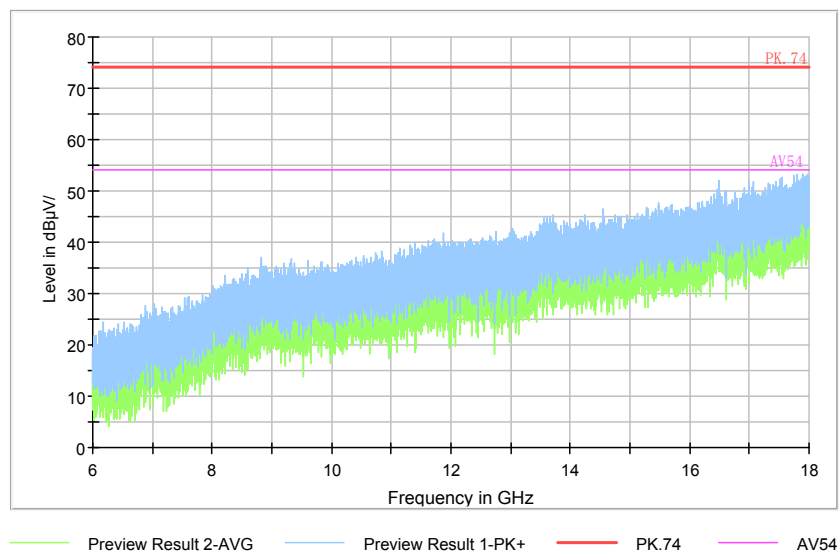
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT40)



Comment

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

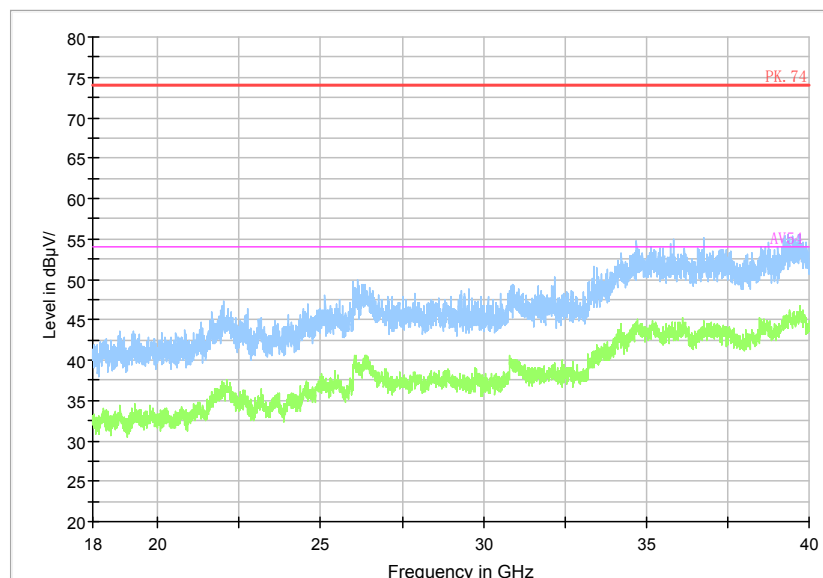
Full Spectrum



Comment

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

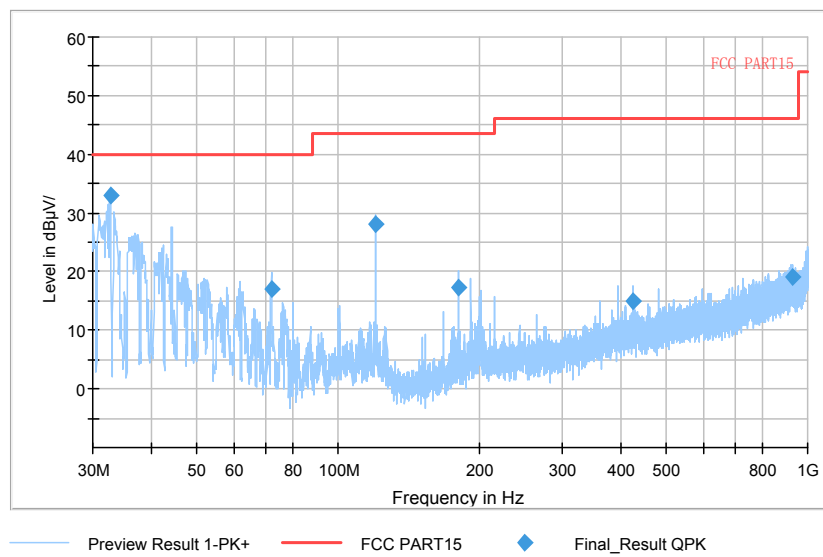
Full Spectrum



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

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

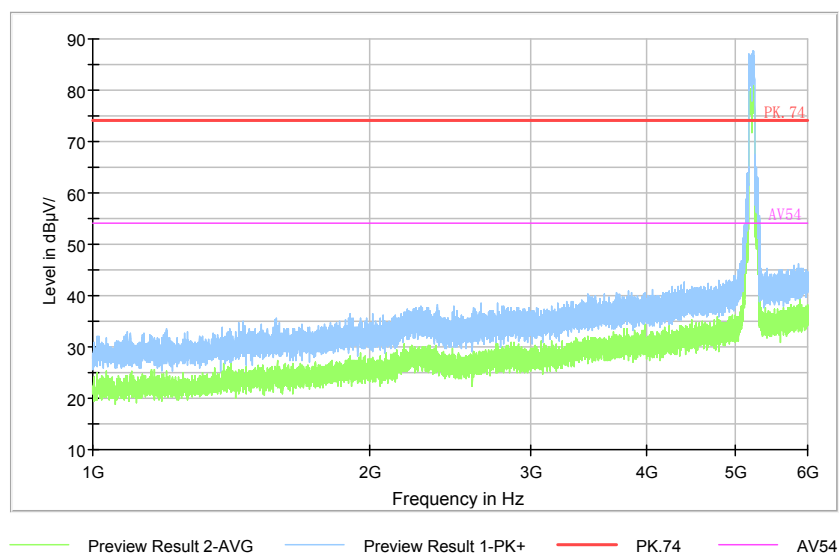
Full Spectrum



Comment

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

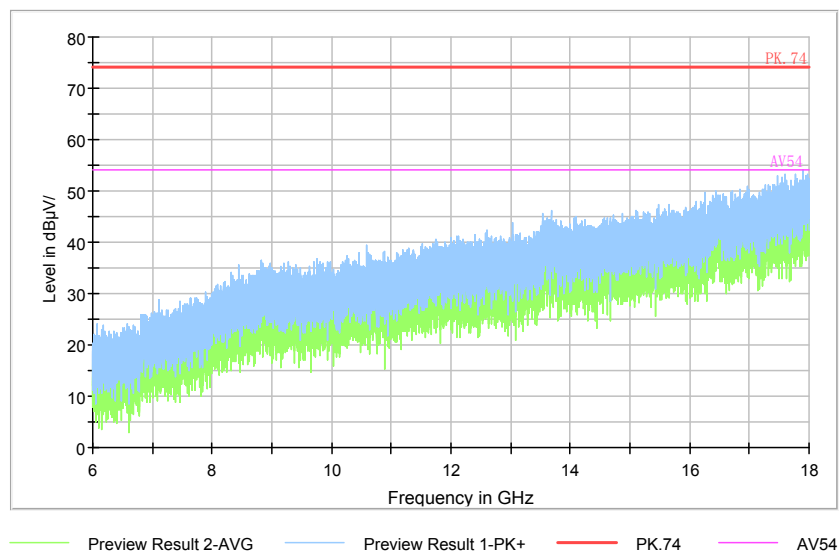
Full Spectrum



Comment

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

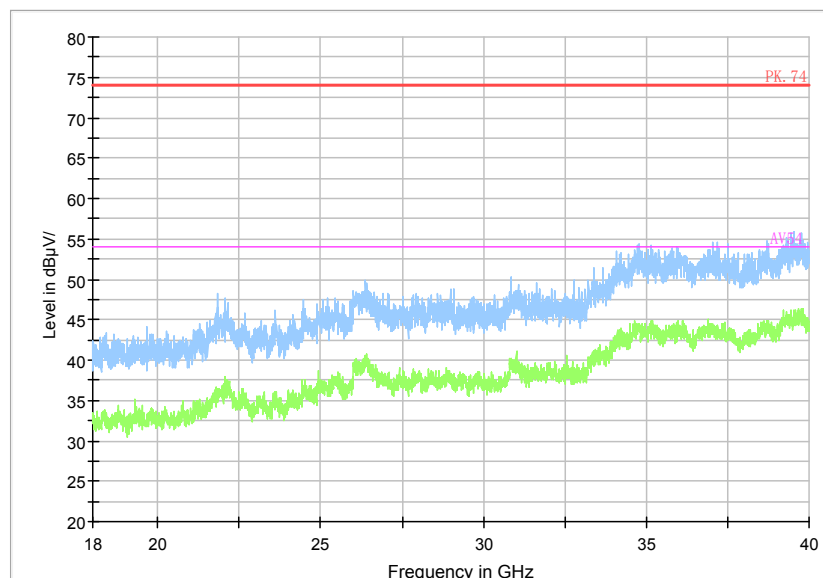
Full Spectrum



Comment

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

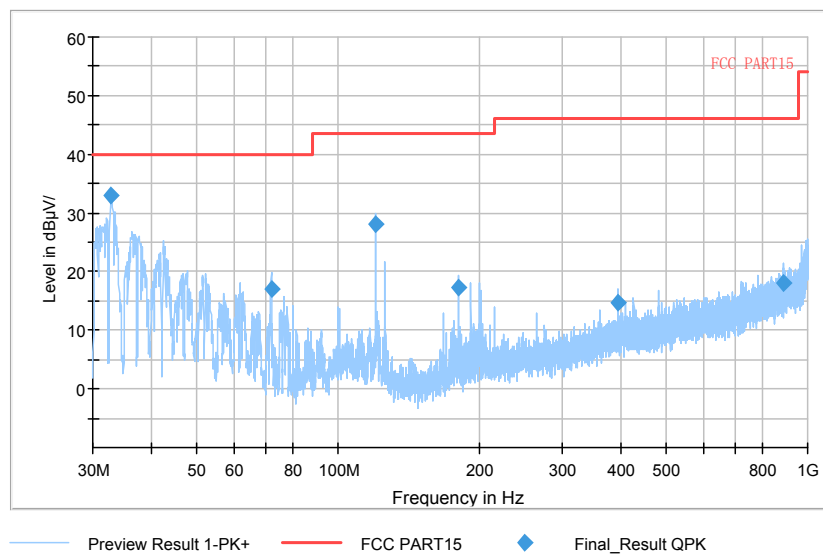
Full Spectrum



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

Carrier frequency (MHz): 5260
Channel No.:52

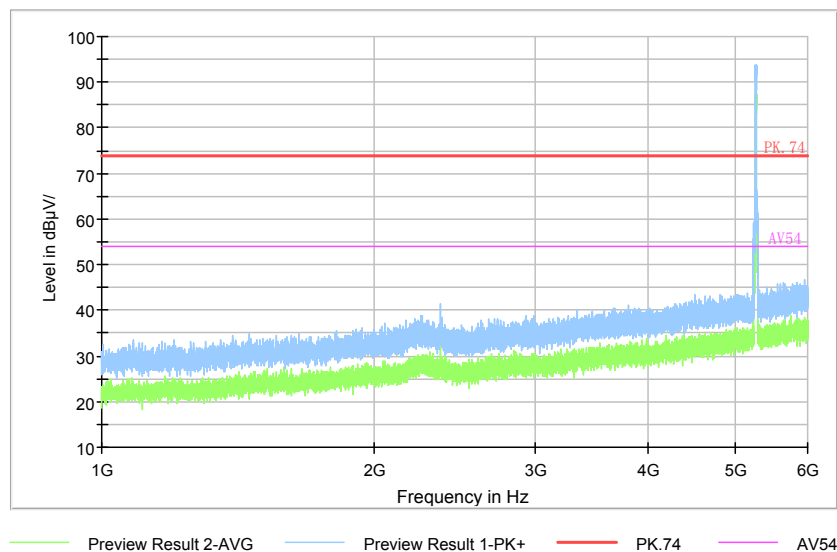
Full Spectrum



Comment

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

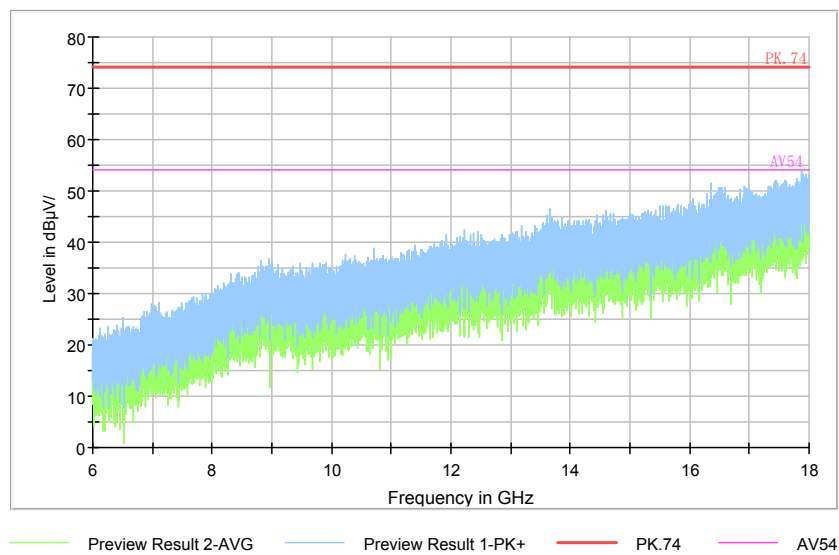
Full Spectrum



Comment

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

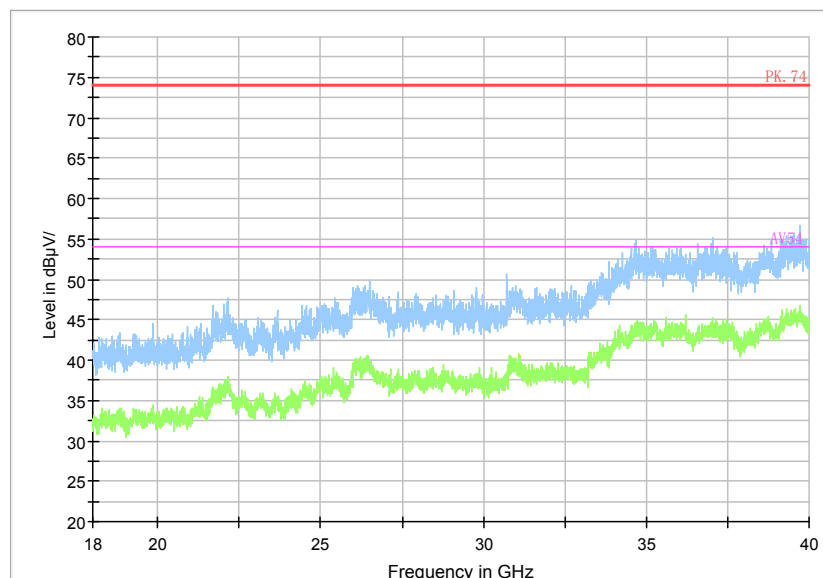
Full Spectrum



Comment

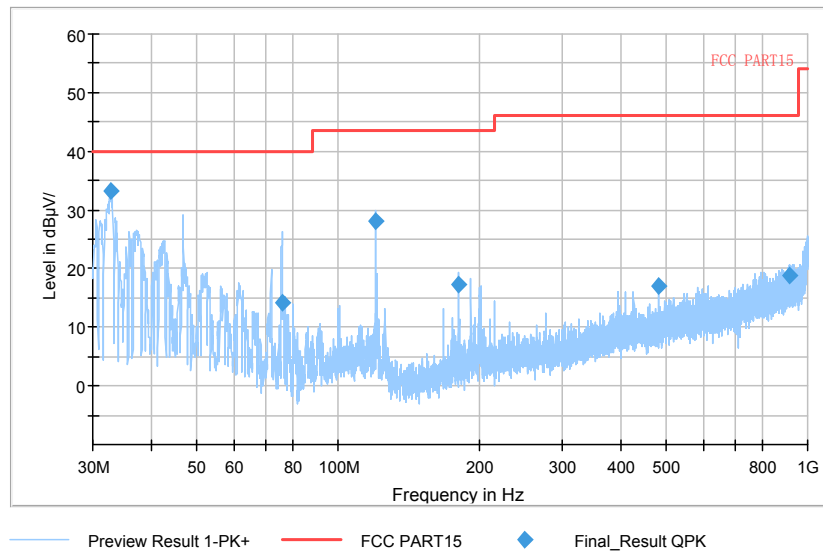
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



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

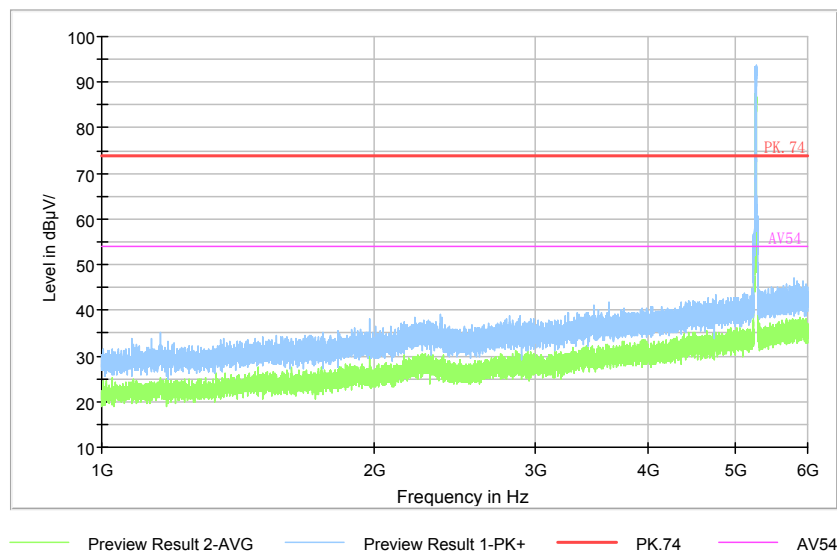
Full Spectrum



Comment

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

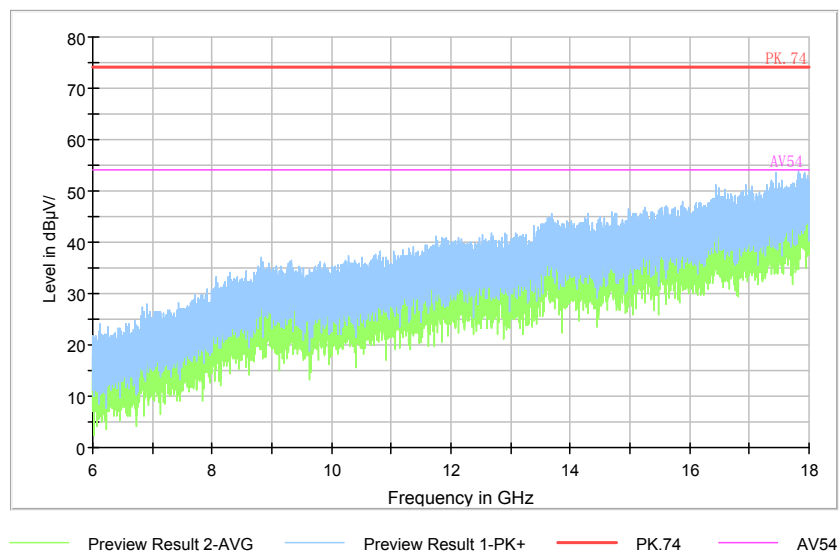
Full Spectrum



Comment

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

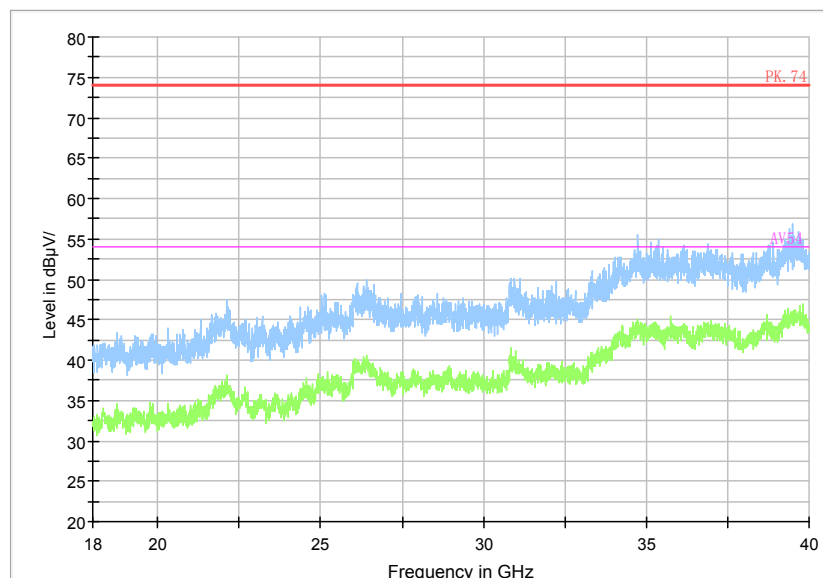
Full Spectrum



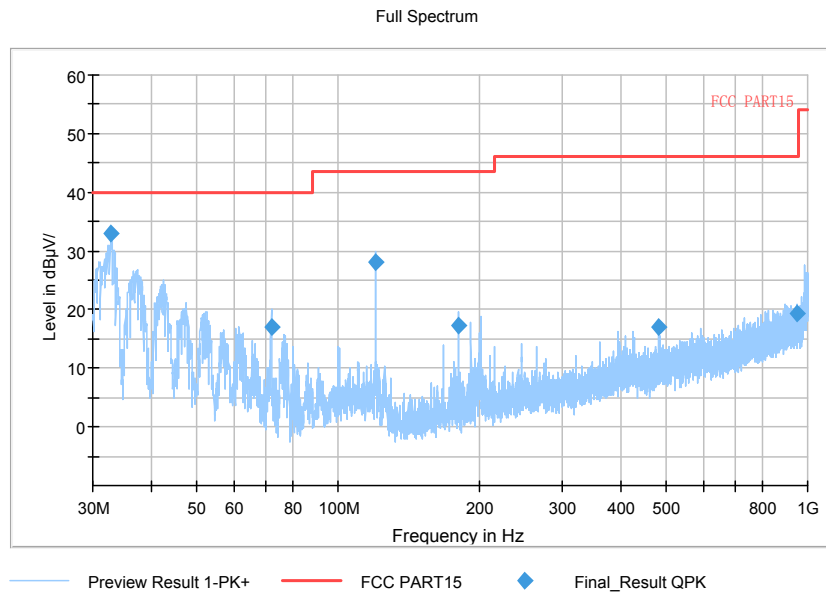
Comment

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

Full Spectrum

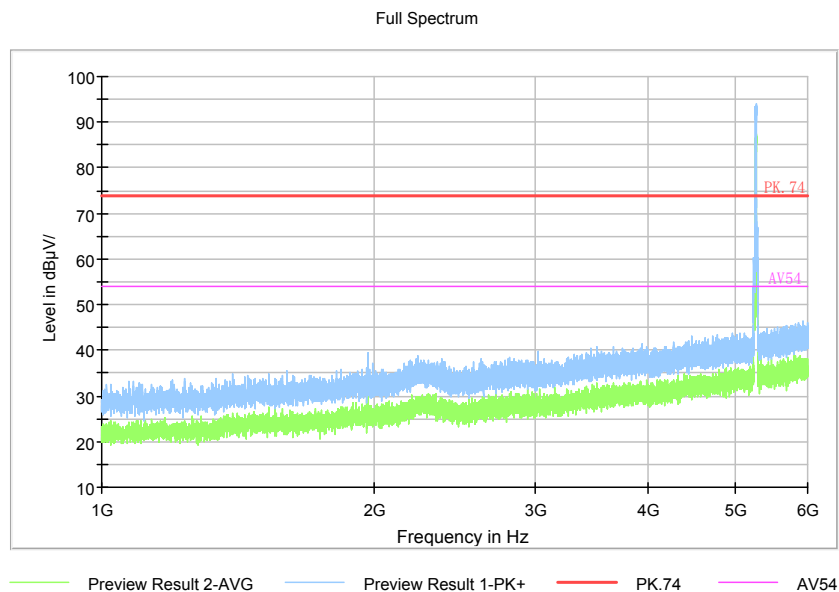


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Comment

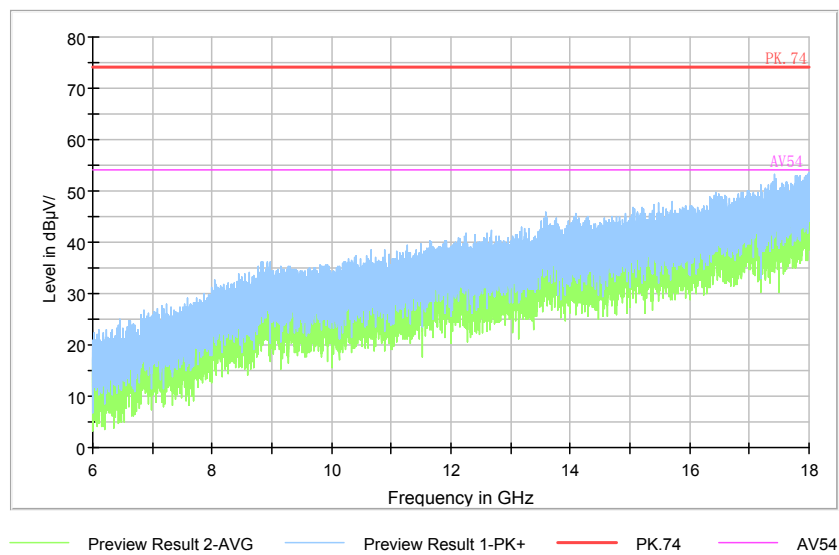
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT20)



Comment

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

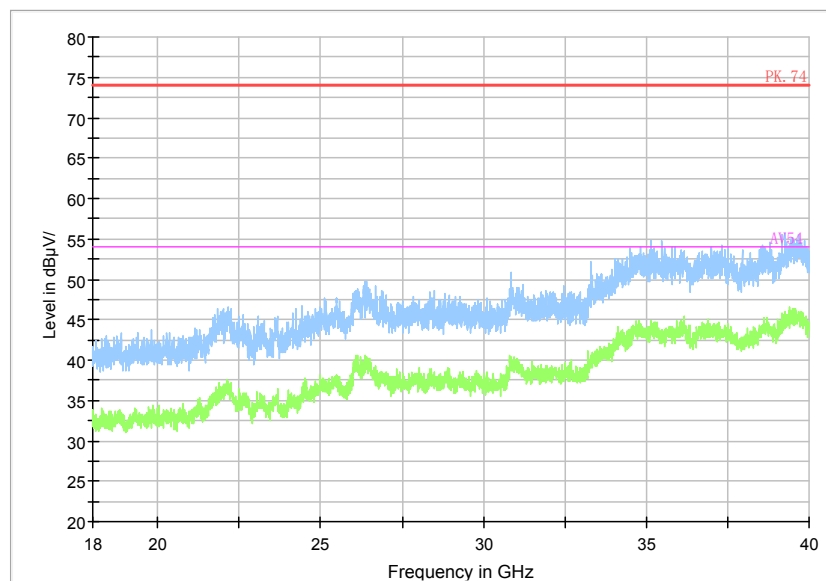
Full Spectrum



Comment

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): 5300

The State Radio_monitoring_center Testing Center (SRTC)

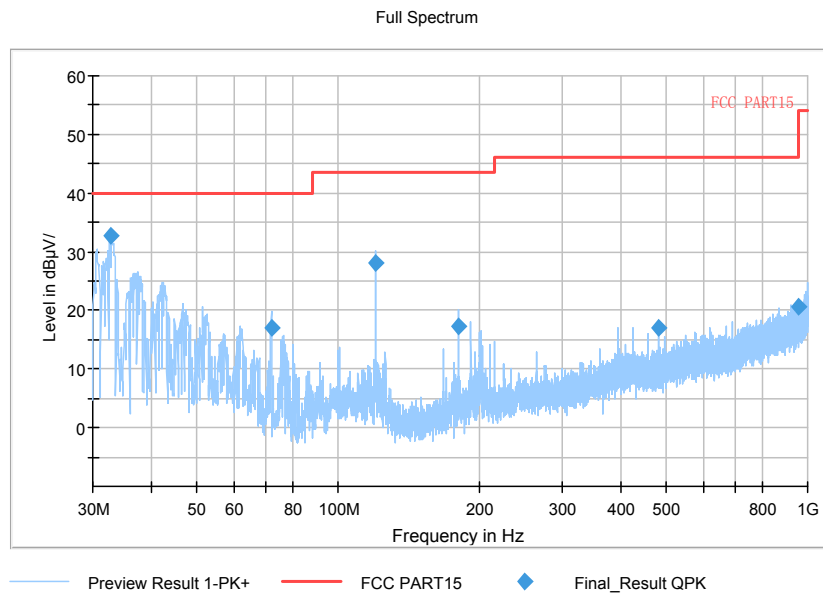
Tel: 86-10-57996183

Fax: 86-10-57996388

Page number: 212 of 299

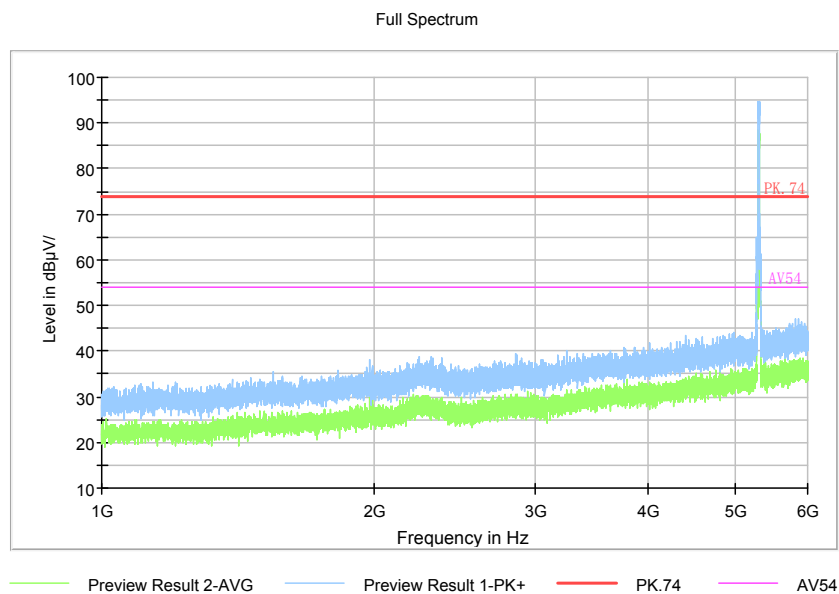
V3.0.0

Channel No.:60



Comment

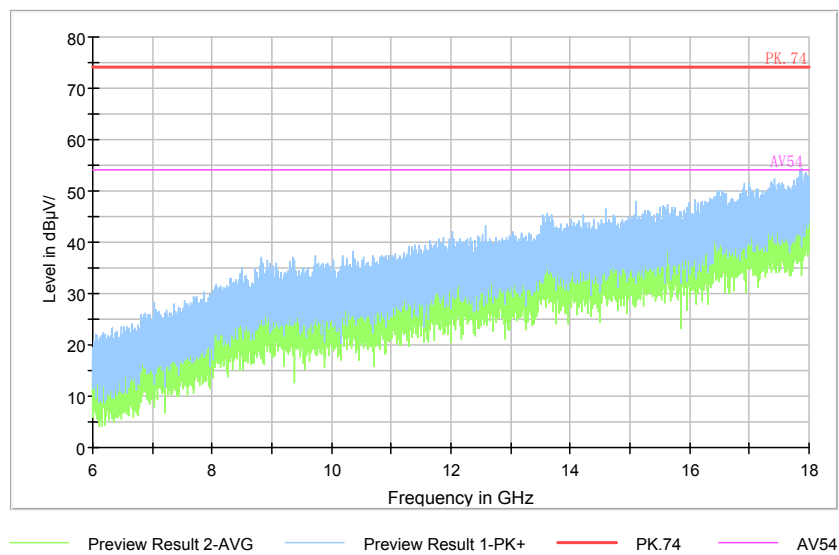
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



Comment

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

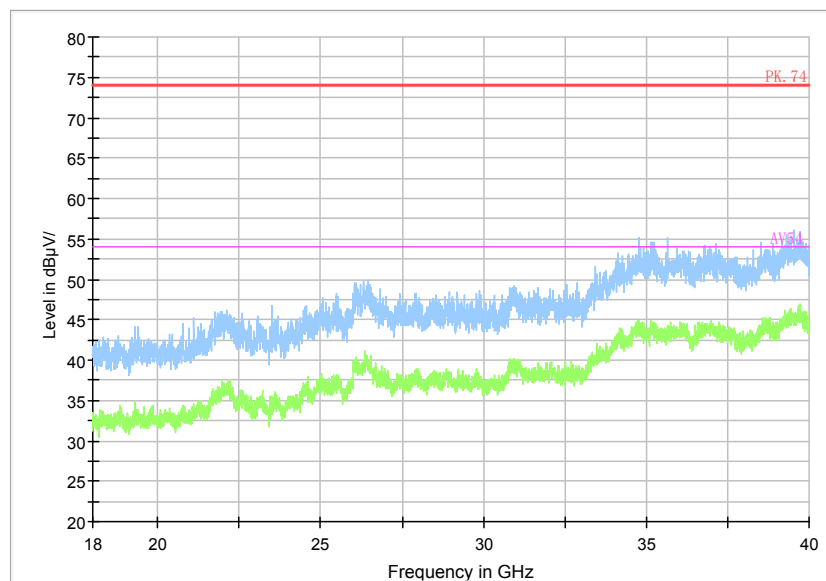
Full Spectrum



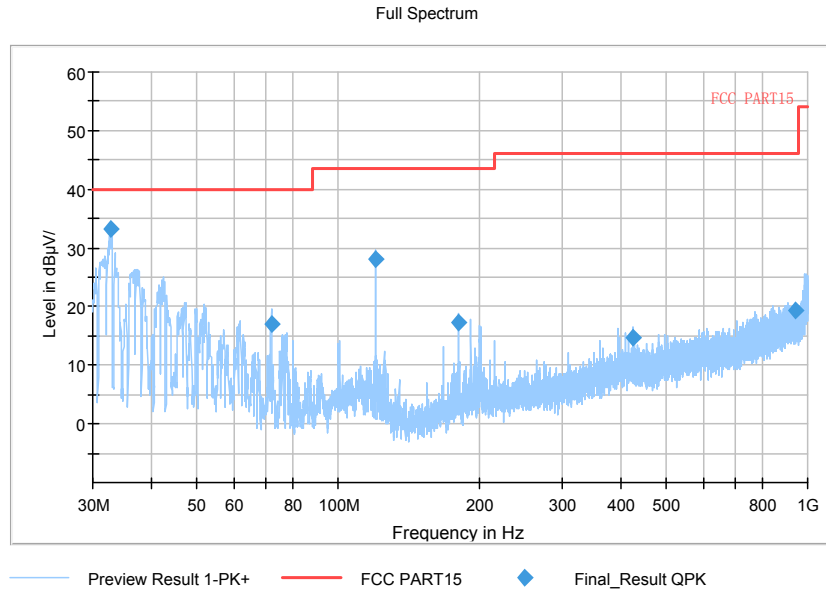
Comment

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

Full Spectrum

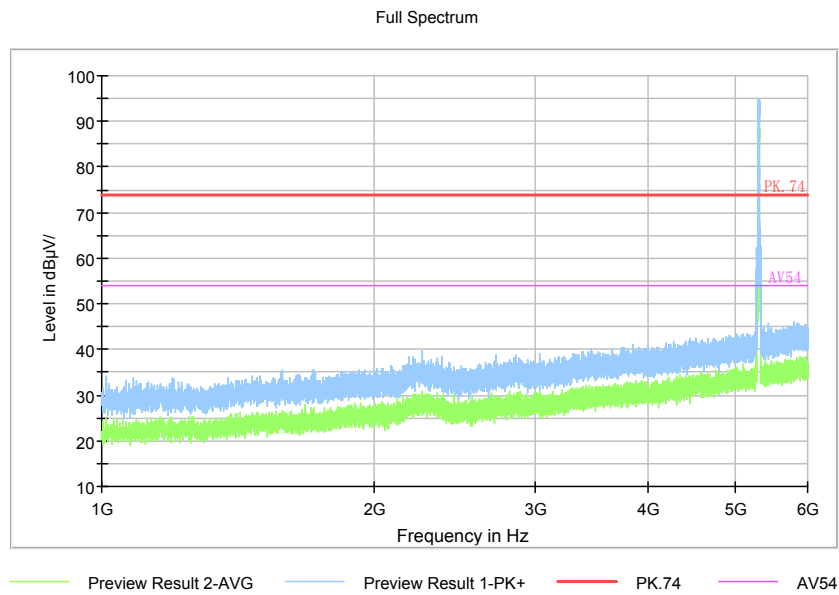


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



Comment

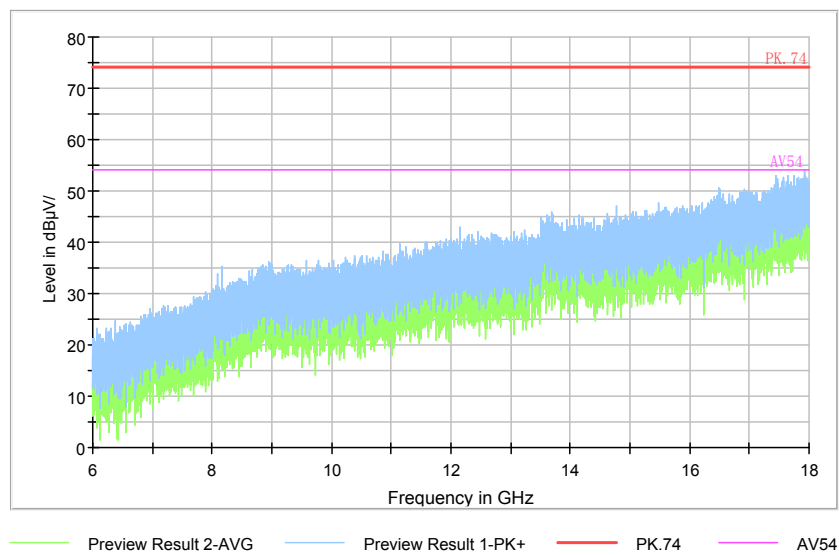
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



Comment

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

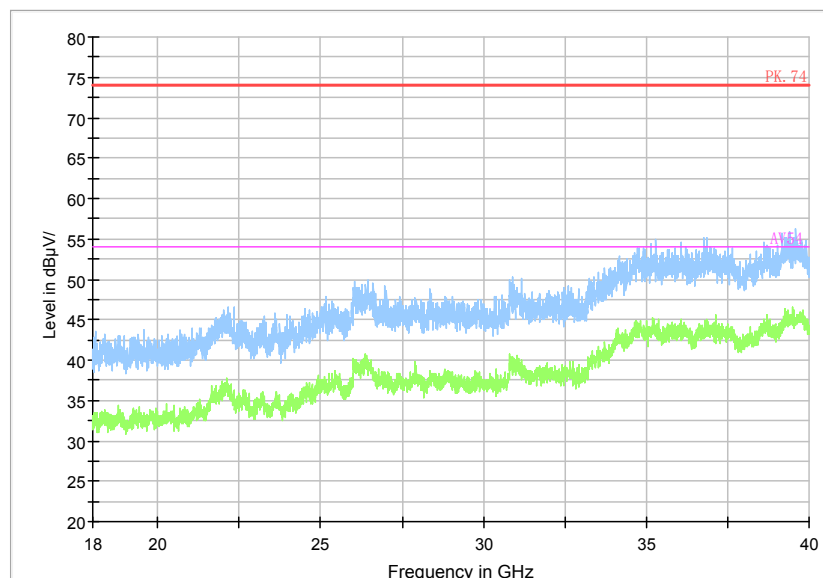
Full Spectrum



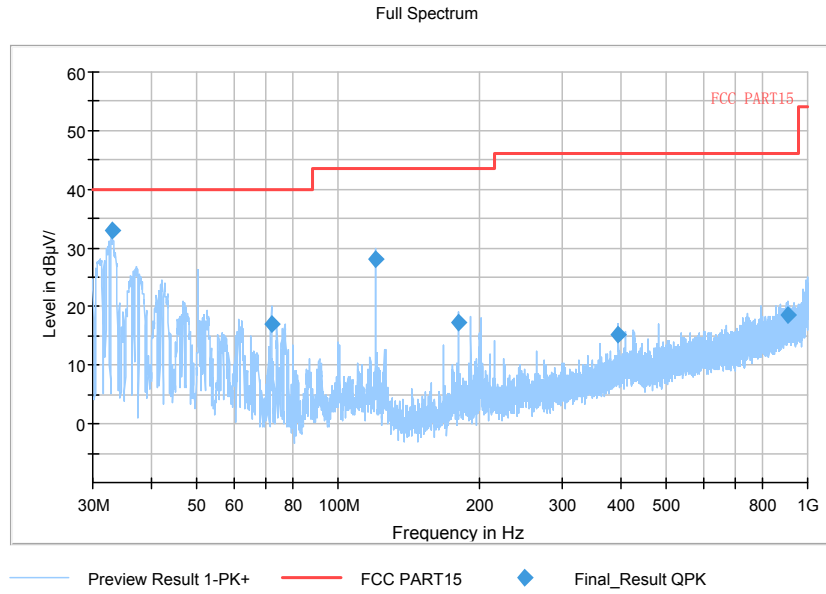
Comment

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

Full Spectrum

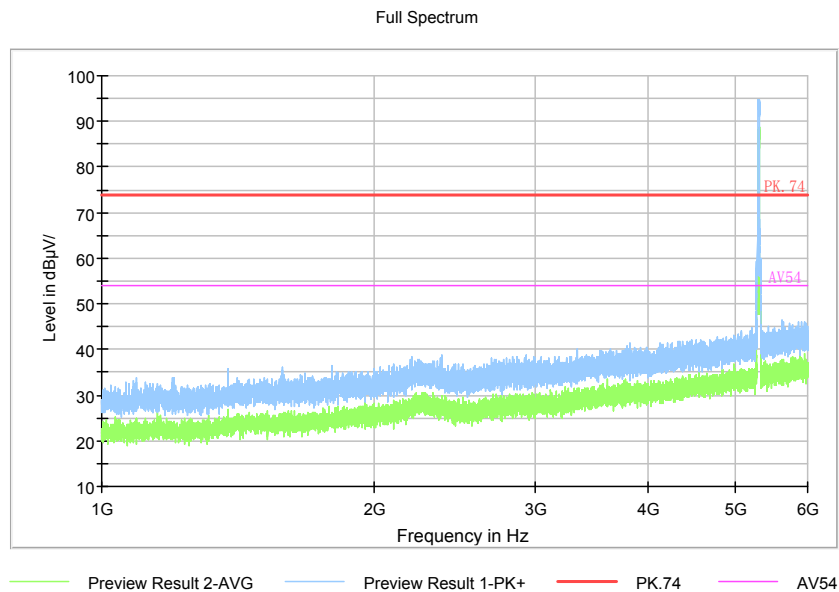


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Comment

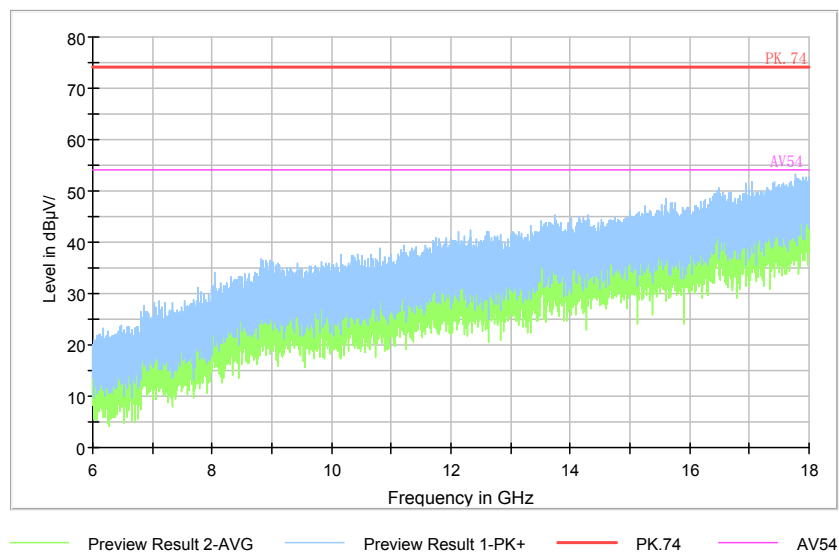
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT20)



Comment

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

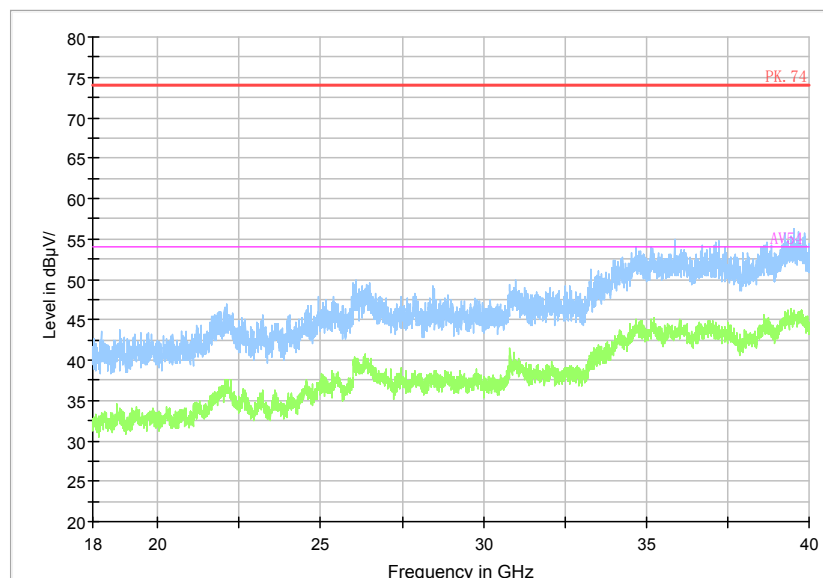
Full Spectrum



Comment

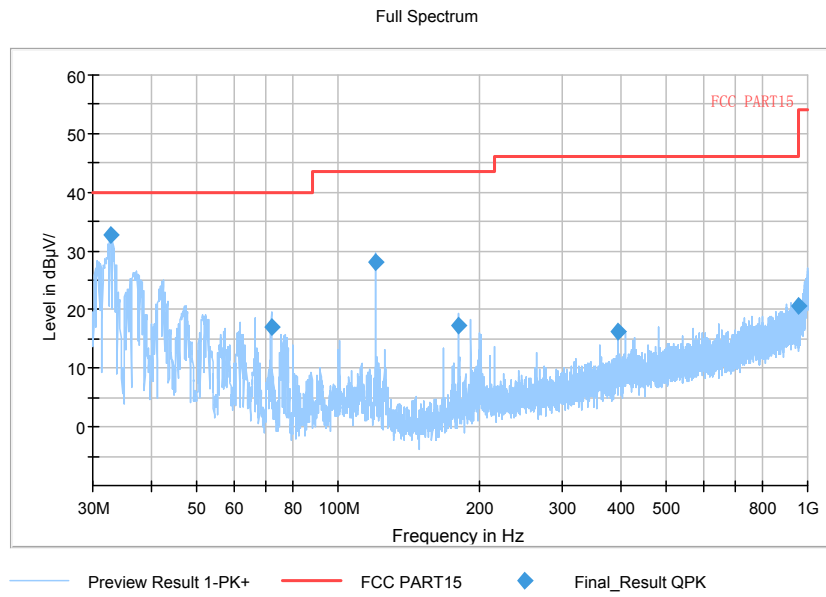
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

Full Spectrum



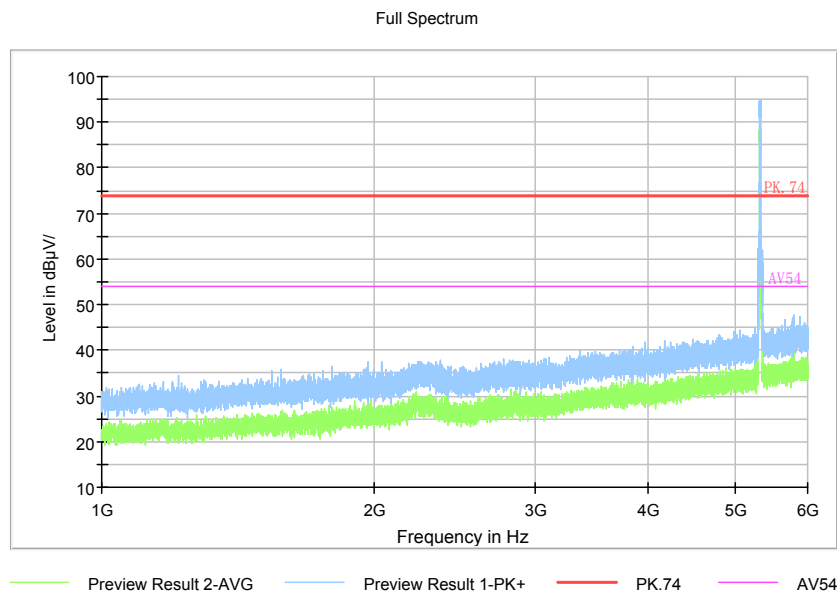
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

Carrier frequency (MHz): 5320
Channel No.:64



Comment

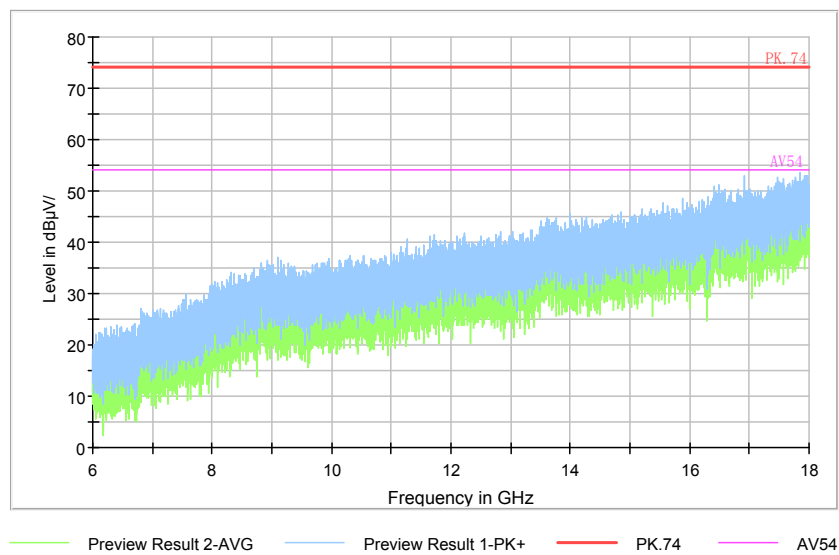
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11a



Comment

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

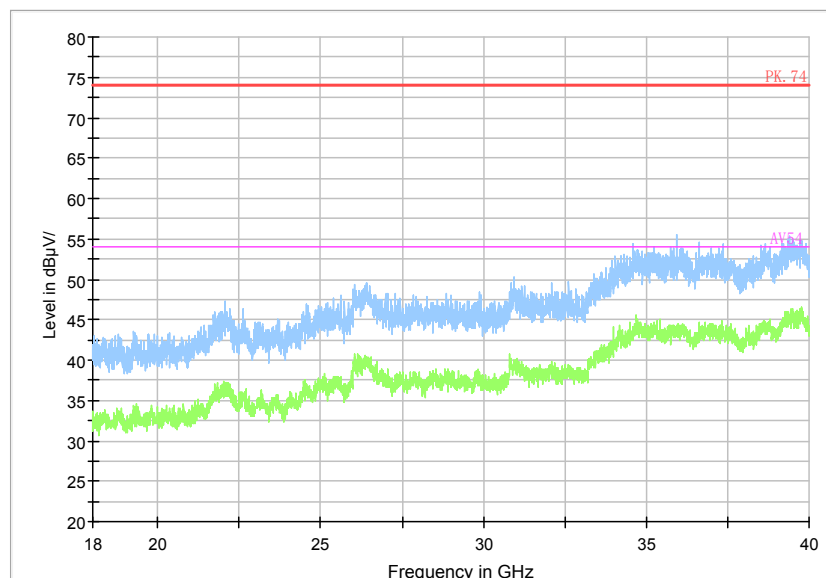
Full Spectrum



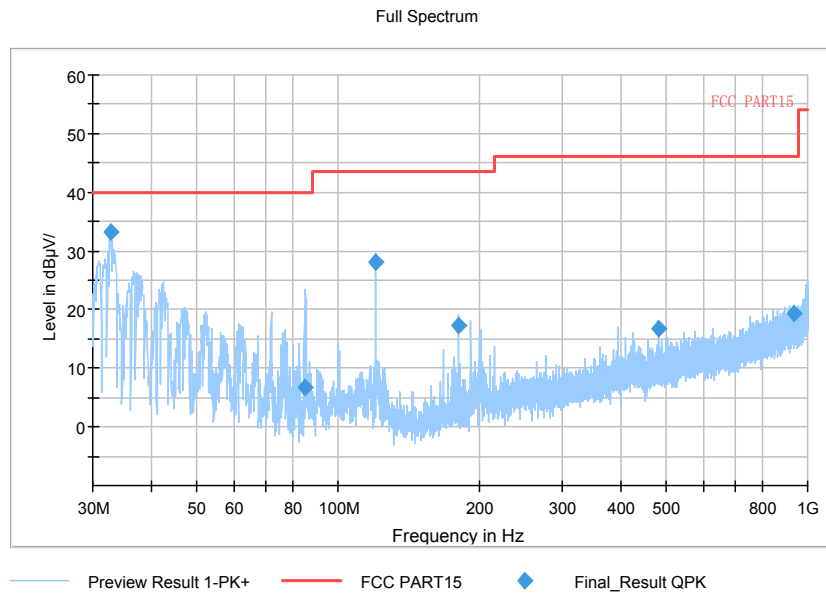
Comment

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

Full Spectrum

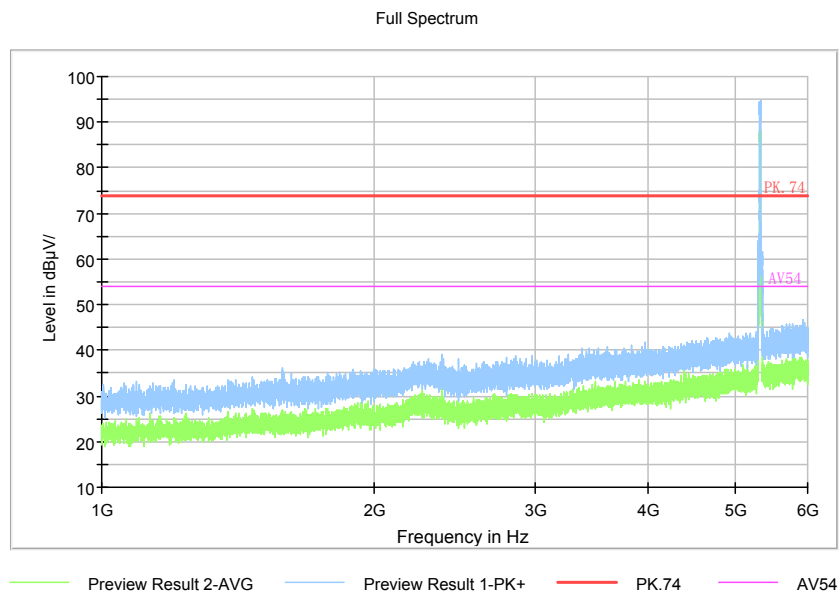


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



Comment

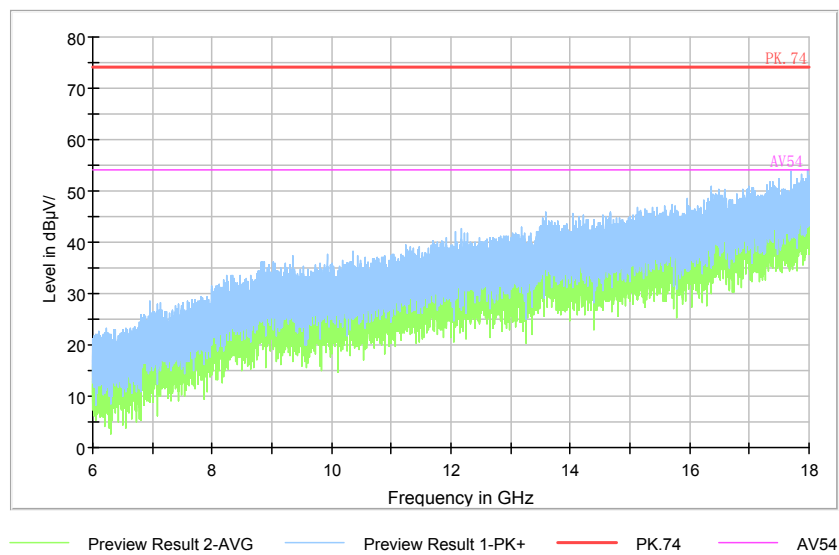
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



Comment

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

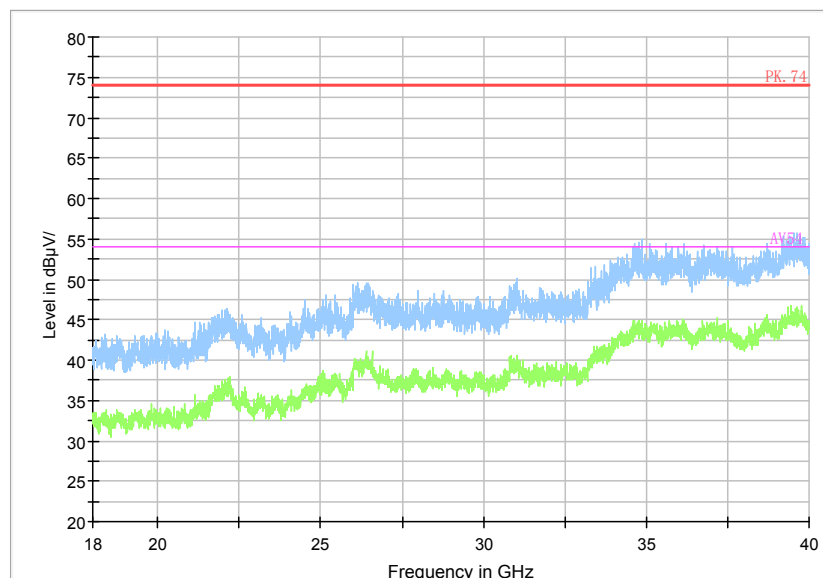
Full Spectrum



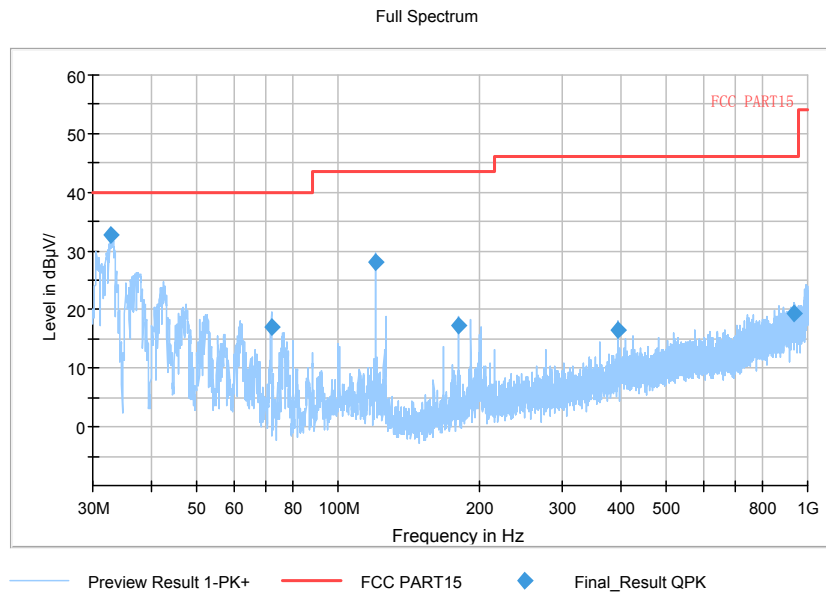
Comment

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

Full Spectrum

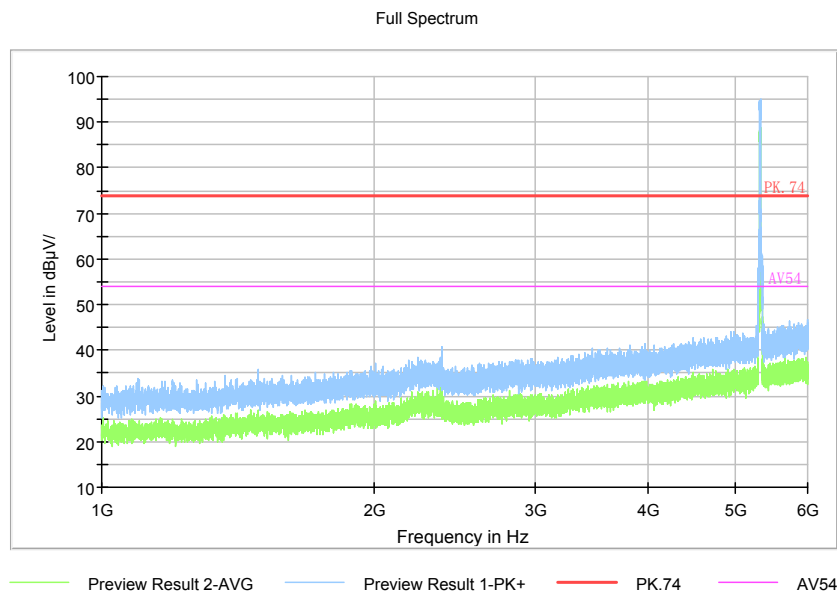


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Comment

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



Comment

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