

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The worst case attitude: The mobile lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (101.83 dBuV/m) = (54.93 dBμV) + (12.4 dB) + (34.5 dB), the corresponding frequency is 5180MHz.

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	101.74	54.84	N/A	N/A	12.4	34.5
2	5150	52.35	5.45	-19.98	74	12.4	34.5

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	97.34	50.44	N/A	N/A	12.4	34.5
2	5150	53.57	6.67	-19.81	74	12.4	34.5

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	97.92	51.02	N/A	N/A	12.4	34.5
2	5150	41.04	-5.86	-12.96	54	12.4	34.5

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	90.32	43.42	N/A	N/A	12.4	34.5
2	5150	40.2	-6.70	13.80	54	12.4	34.5

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 (dB)
1	5320	101.29	54.19	N/A	N/A	12.6	34.5
2	5350	52.18	5.08	-21.82	74	12.6	34.5

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 (dB)
1	5320	96.47	49.37	N/A	N/A	12.6	34.5
2	5350	52.02	4.92	-21.98	74	12.6	34.5

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 (dB)
1	5320	93.98	46.88	N/A	N/A	12.6	34.5
2	5350	42.62	-4.48	-11.38	54	12.6	34.5

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 (dB)
1	5320	89.90	42.80	N/A	N/A	12.6	34.5
2	5350	42.33	-4.77	-11.67	54	12.6	34.5

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 (dB)
1	5500	96.60	49.30	N/A	N/A	12.7	34.6
2	5475	52.11	4.81	-21.89	74	12.7	34.6

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 (dB)
1	5500	94.79	47.49	N/A	N/A	12.7	34.6
2	5475	54.18	6.88	-19.82	74	12.7	34.6

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 (dB)
1	5500	94.55	47.25	N/A	N/A	12.7	34.6
2	5475	40.58	-6.72	-13.42	54	12.7	34.6

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 (dB)
1	5500	89.63	42.33	N/A	N/A	12.7	34.6
2	5475	40.17	-7.13	-13.83	54	12.7	34.6

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	97.50	49.90	N/A	N/A	12.9	34.7
2	5850	54.18	6.58	-19.82	74	12.9	34.7

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	99.13	51.53	N/A	N/A	12.9	34.7
2	5850	49.58	1.98	-24.42	74	12.9	34.7

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	94.83	47.23	N/A	N/A	12.9	34.7
2	5850	48.65	1.05	-25.35	74	12.9	34.7

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	87.68	40.08	N/A	N/A	12.9	34.7
2	5850	37.34	-10.26	-16.66	54	12.9	34.7

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	100.53	53.63	N/A	N/A	12.4	34.5
2	5150	51.03	4.13	-19.98	74	12.4	34.5

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

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	96.36	49.46	N/A	N/A	12.4	34.5
2	5150	54.48	7.58	-19.81	74	12.4	34.5

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	94.67	47.77	N/A	N/A	12.4	34.5
2	5150	40.31	-6.59	-13.69	54	12.4	34.5

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	89.90	43.00	N/A	N/A	12.4	34.5
2	5150	39.8	-7.05	14.15	54	12.4	34.5

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 (dB)
1	5320	100.82	53.72	N/A	N/A	12.6	34.5
2	5350	51.61	4.51	-22.39	74	12.6	34.5

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 (dB)
1	5320	96.41	49.31	N/A	N/A	12.6	34.5
2	5350	50.68	3.58	-23.32	74	12.6	34.5

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 (dB)
1	5320	92.37	45.27	N/A	N/A	12.6	34.5
2	5350	40.63	-6.47	-13.37	54	12.6	34.5

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 (dB)
1	5320	87.86	40.76	N/A	N/A	12.6	34.5
2	5350	40.44	-6.66	-13.56	54	12.6	34.5

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 (dB)
1	5500	98.97	51.67	N/A	N/A	12.7	34.6
2	5475	50.35	3.05	-23.65	74	12.7	34.6

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 (dB)
1	5500	94.56	47.26	N/A	N/A	12.7	34.6
2	5475	49.68	2.38	-24.32	74	12.7	34.6

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 (dB)
1	5500	91.50	44.20	N/A	N/A	12.7	34.6
2	5475	37.29	-10.01	-16.71	54	12.7	34.6

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 (dB)
1	5500	86.51	39.21	N/A	N/A	12.7	34.6
2	5475	36.34	-10.96	-17.66	54	12.7	34.6

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	98.62	51.02	N/A	N/A	12.9	34.7
2	5850	49.90	2.30	-24.10	74	12.9	34.7

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	94.25	46.65	N/A	N/A	12.9	34.7
2	5850	48.91	1.31	-25.09	74	12.9	34.7

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	91.50	43.90	N/A	N/A	12.9	34.7
2	5850	37.51	-10.09	-16.49	54	12.9	34.7

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	87.26	39.66	N/A	N/A	12.9	34.7
2	5850	36.88	-10.72	-17.12	54	12.9	34.7

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	99.46	52.56	N/A	N/A	12.4	34.5
2	5150	50.52	3.62	-19.98	74	12.4	34.5

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	94.79	47.89	N/A	N/A	12.4	34.5
2	5150	54.15	7.25	-19.81	74	12.4	34.5

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	93.26	46.36	N/A	N/A	12.4	34.5
2	5150	40.52	-6.38	-13.48	54	12.4	34.5

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	89.21	42.31	N/A	N/A	12.4	34.5
2	5150	40.4	-6.50	13.60	54	12.4	34.5

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 (dB)
1	5310	99.39	52.29	N/A	N/A	12.6	34.5
2	5350	49.70	2.60	-24.30	74	12.6	34.5

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 (dB)
1	5310	95.14	48.04	N/A	N/A	12.6	34.5
2	5350	48.91	1.81	-25.09	74	12.6	34.5

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 (dB)
1	5310	91.43	44.33	N/A	N/A	12.6	34.5
2	5350	40.19	-6.91	-13.81	54	12.6	34.5

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 (dB)
1	5310	87.42	40.32	N/A	N/A	12.6	34.5
2	5350	39.47	-7.63	-14.53	54	12.6	34.5

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 (dB)
1	5510	97.36	50.06	N/A	N/A	12.7	34.6
2	5475	48.12	0.82	-25.88	74	12.7	34.6

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 (dB)
1	5510	92.45	45.15	N/A	N/A	12.7	34.6
2	5475	47.67	0.37	-26.33	74	12.7	34.6

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 (dB)
1	5510	90.76	43.46	N/A	N/A	12.7	34.6
2	5475	37.20	-10.10	-16.80	54	12.7	34.6

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 (dB)
1	5510	86.16	38.86	N/A	N/A	12.7	34.6
2	5475	36.92	-10.38	-17.08	54	12.7	34.6

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	96.31	48.71	N/A	N/A	12.9	34.7
2	5850	47.19	-0.41	-26.81	74	12.9	34.7

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	91.59	43.99	N/A	N/A	12.9	34.7
2	5850	47.17	-0.43	-26.83	74	12.9	34.7

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	89.63	42.03	N/A	N/A	12.9	34.7
2	5850	35.58	-12.02	-18.42	54	12.9	34.7

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	5180	100.84	53.94	N/A	N/A	12.4	34.5
2	5150	50.96	4.06	-19.98	74	12.4	34.5

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: $(31.05 \text{ dB}\mu\text{V/m}) = (44.55 \text{ dB}\mu\text{V}) + (-13.5 \text{ dB/m})$, the corresponding frequency is 30.282917MHz.

The worst case attitude: The mobile lay down.

For 802.11a Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.414583	22.54	-13.5	36.04	Vertical	40.00
33.880000	22.50	-13.8	36.3	Vertical	40.00
33.960833	23.33	-14.0	37.33	Vertical	40.00
39.053333	24.41	-14.1	38.51	Vertical	40.00
39.174583	23.07	-14.1	37.17	Vertical	40.00
39.255417	23.04	-14.1	37.14	Vertical	40.00

For 802.11n(HT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.495417	22.62	-13.4	36.02	Vertical	40.00
31.778333	22.83	-13.8	36.63	Vertical	40.00
32.505833	22.12	-13.9	36.02	Vertical	40.00
32.829167	22.02	-13.8	35.82	Vertical	40.00
32.990833	22.68	-13.9	36.58	Vertical	40.00
34.324583	24.02	-13.8	37.82	Vertical	40.00

For 802.11a Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.527917	23.12	-13.4	36.52	Vertical	40.00
38.649167	22.85	-13.7	36.55	Vertical	40.00
38.810833	22.66	-13.9	36.56	Vertical	40.00
39.538333	24.05	-13.9	37.95	Vertical	40.00
39.902083	22.51	-13.9	36.41	Vertical	40.00
174.408750	25.94	-17.9	43.84	Vertical	43.50

For 802.11n(HT20) Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.637500	22.96	-13.5	36.46	Vertical	40.00
33.718333	22.75	-13.8	36.55	Vertical	40.00
39.012917	22.84	-14.0	36.84	Vertical	40.00
39.174583	22.53	-14.1	36.63	Vertical	40.00
39.376667	23.08	-14.1	37.18	Vertical	40.00
39.497917	22.52	-14.1	36.62	Vertical	40.00

For 802.11a Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.354583	22.03	-13.6	35.63	Vertical	40.00
33.516250	22.37	-13.8	36.17	Vertical	40.00
33.799167	22.84	-13.8	36.64	Vertical	40.00
33.920417	22.32	-13.8	36.12	Vertical	40.00
174.368333	25.68	-17.6	43.28	Vertical	43.50
174.732083	25.53	-17.7	43.23	Vertical	43.50

For 802.11n(HT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.556667	22.63	-13.8	36.43	Vertical	40.00
34.162917	22.00	-13.8	35.8	Vertical	40.00
34.324583	22.22	-13.8	36.02	Vertical	40.00
173.681250	25.75	-17.7	43.45	Vertical	43.50
173.762083	25.96	-17.2	43.16	Vertical	43.50
174.489583	25.64	-17.8	43.44	Vertical	43.50

For 802.11a Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.637500	21.99	-13.9	35.89	Vertical	40.00
34.122500	21.73	-13.9	35.63	Vertical	40.00
38.406667	21.68	-13.8	35.48	Vertical	40.00
173.560000	24.99	-17.7	42.69	Vertical	43.50
174.004583	24.62	-17.2	41.82	Vertical	43.50
174.530000	25.17	-17.8	42.97	Vertical	43.50

For 802.11n(HT20) Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.285417	21.81	-13.9	35.71	Vertical	40.00
39.538333	22.51	-13.9	36.41	Vertical	40.00
40.508333	22.13	-13.8	35.93	Vertical	40.00
174.327917	25.23	-17.7	42.93	Vertical	43.50
174.772500	25.45	-17.2	42.65	Vertical	43.50
174.934167	25.07	-17.8	42.87	Vertical	43.50

For 802.11a Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
38.568333	22.42	-13.8	36.22	Vertical	40.00
38.730000	20.77	-13.8	34.57	Vertical	40.00
39.295833	20.71	-13.9	34.61	Vertical	40.00
39.417083	20.84	-13.9	34.74	Vertical	40.00
39.821250	21.62	-13.8	35.42	Vertical	40.00
175.217083	24.22	-17.7	41.92	Vertical	43.50

For 802.11n(HT20) Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.354583	21.28	-13.4	34.68	Vertical	40.00
38.406667	21.51	-13.8	35.31	Vertical	40.00
38.608750	22.09	-13.9	35.99	Vertical	40.00
40.225417	21.07	-14.0	35.07	Vertical	40.00
40.306250	20.97	-14.1	35.07	Vertical	40.00
175.459583	24.84	-17.7	42.54	Vertical	43.50

For 802.11a Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.920417	26.96	-13.6	40.56	Vertical	40.00
37.153750	24.59	-13.9	38.49	Vertical	40.00
147.895417	21.22	-16.7	37.92	Vertical	43.50
153.311250	21.37	-16.8	38.17	Vertical	43.50
153.917500	22.34	-16.8	39.14	Vertical	43.50
154.725833	21.05	-16.9	37.95	Vertical	43.50

For 802.11n(HT20) Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.889167	26.81	-13.5	40.31	Vertical	40.00
33.920417	26.76	-13.7	40.46	Vertical	40.00
35.577500	27.94	-13.6	41.54	Vertical	40.00
85.492083	17.55	-14.9	32.45	Vertical	40.00
152.422083	21.25	-16.7	37.95	Vertical	43.50
153.230417	21.98	-16.8	38.78	Vertical	43.50

For 802.11a Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.49	-13.5	42.99	Vertical	40.00
37.557917	16.97	-13.7	30.67	Vertical	40.00
38.245000	16.87	-13.8	30.67	Vertical	40.00
39.457500	25.04	-13.9	38.94	Vertical	40.00
85.572917	17.71	-14.9	32.61	Vertical	40.00
150.360833	22.15	-16.8	38.95	Vertical	43.50

For 802.11n(HT20) Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.627083	31.78	-13.5	45.28	Vertical	40.00
38.487500	26.75	-13.7	40.45	Vertical	40.00
42.165417	18.87	-13.8	32.67	Vertical	40.00
51.986667	16.35	-13.9	30.25	Vertical	40.00
85.815417	16.70	-14.9	31.6	Vertical	40.00
149.875833	22.42	-16.8	39.22	Vertical	43.50

For 802.11a Channel No.:116

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
34.809583	26.91	-13.5	40.41	Vertical	40.00
155.332083	25.24	-16.9	42.14	Vertical	43.50
181.077500	26.85	-17.2	44.05	Vertical	43.50
184.836250	25.09	-17.2	42.29	Vertical	43.50
187.180417	25.65	-17.4	43.05	Vertical	43.50
189.847917	25.05	-17.6	42.65	Vertical	43.50

For 802.11n(HT20) Channel No.:116

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.576250	27.15	-13.5	40.65	Vertical	40.00
38.527917	25.55	-13.8	39.35	Vertical	40.00
172.711250	22.13	-16.9	39.03	Vertical	43.50
173.600417	22.32	-16.9	39.22	Vertical	43.50
183.583333	27.88	-17.4	45.28	Vertical	43.50
190.656250	22.28	-17.6	39.88	Vertical	43.50

For 802.11a Channel No.:140

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.080833	24.19	-13.4	37.59	Vertical	40.00
32.990833	30.43	-13.5	43.93	Vertical	40.00
36.062500	21.44	-13.8	35.24	Vertical	40.00
153.594167	23.83	-15.9	39.73	Vertical	43.50
176.106250	23.24	-16.9	40.14	Vertical	43.50
185.685000	26.53	-17.2	43.73	Vertical	43.50

For 802.11n(HT20) Channel No.:140

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.697500	27.16	-13.4	40.56	Vertical	40.00
34.122500	27.55	-13.5	41.05	Vertical	40.00
35.698750	26.67	-13.8	40.47	Vertical	40.00
156.019167	23.88	-15.9	39.78	Vertical	43.50
181.239167	27.26	-16.9	44.16	Vertical	43.50
187.503750	24.66	-17.2	41.86	Vertical	43.50

For 802.11a Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.363750	26.16	-13.4	39.56	Vertical	40.00
31.616667	27.18	-13.8	40.98	Vertical	40.00
36.183750	26.63	-13.9	40.53	Vertical	40.00
156.827500	23.66	-15.9	39.56	Vertical	43.50
181.683750	28.05	-17.2	45.25	Vertical	43.50
188.433333	23.64	-17.6	41.24	Vertical	43.50

For 802.11n(HT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.161667	26.08	-13.6	39.68	Vertical	40.00
31.374167	27.24	-13.5	40.74	Vertical	40.00
35.496667	21.54	-13.7	35.24	Vertical	40.00
35.900833	21.01	-13.8	34.81	Vertical	40.00
38.932083	24.56	-13.9	38.46	Vertical	40.00
182.168750	27.78	-16.9	44.68	Vertical	43.50

For 802.11a Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.080833	26.04	-13.4	39.44	Vertical	40.00
30.444583	26.19	-13.5	39.69	Vertical	40.00
31.252917	26.68	-13.7	40.38	Vertical	40.00
37.396250	22.48	-13.9	36.38	Vertical	40.00
181.885833	28.11	-16.9	45.01	Vertical	43.50
189.726667	22.31	-17.1	39.41	Vertical	43.50

For 802.11n(HT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.061250	29.80	-13.9	43.7	Vertical	40.00
41.640000	18.96	-14.2	33.16	Vertical	40.00
171.983750	22.23	-16.8	39.03	Vertical	43.50
173.842917	22.62	-16.9	39.52	Vertical	43.50
178.531250	25.29	-16.2	41.49	Vertical	43.50
183.623750	26.92	-17.4	44.32	Vertical	43.50

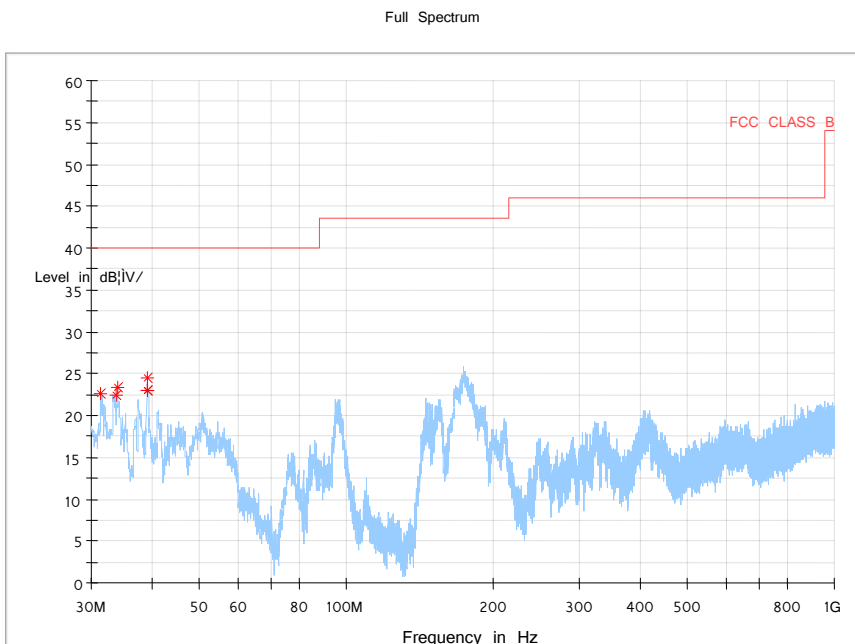
For 802.11a Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.121250	24.52	-13.5	38.02	Vertical	40.00
30.929583	29.59	-13.6	43.19	Vertical	40.00
35.132917	20.87	-13.5	34.37	Vertical	40.00
35.900833	21.21	-13.7	34.91	Vertical	40.00
40.508333	22.34	-13.9	36.24	Vertical	40.00
183.017500	27.48	-16.9	44.38	Vertical	43.50

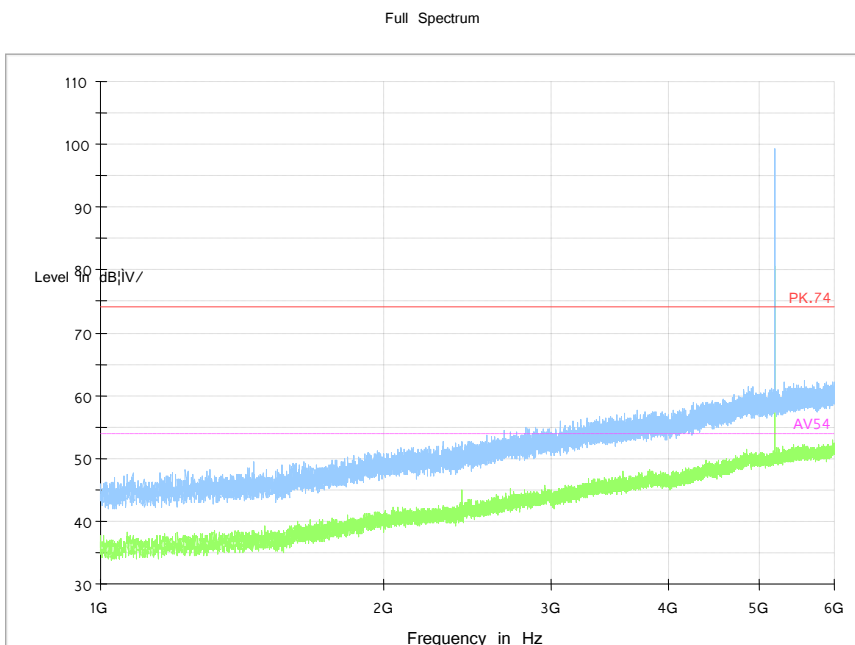
For 802.11n(HT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	26.53	-13.5	40.03	Vertical	40.00
30.808333	26.79	-13.6	40.39	Vertical	40.00
34.728750	21.14	-13.5	34.64	Vertical	40.00
39.700000	21.33	-13.7	35.03	Vertical	40.00
156.787083	23.55	-15.9	39.45	Vertical	43.50
183.421667	27.50	-16.9	44.4	Vertical	43.50

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

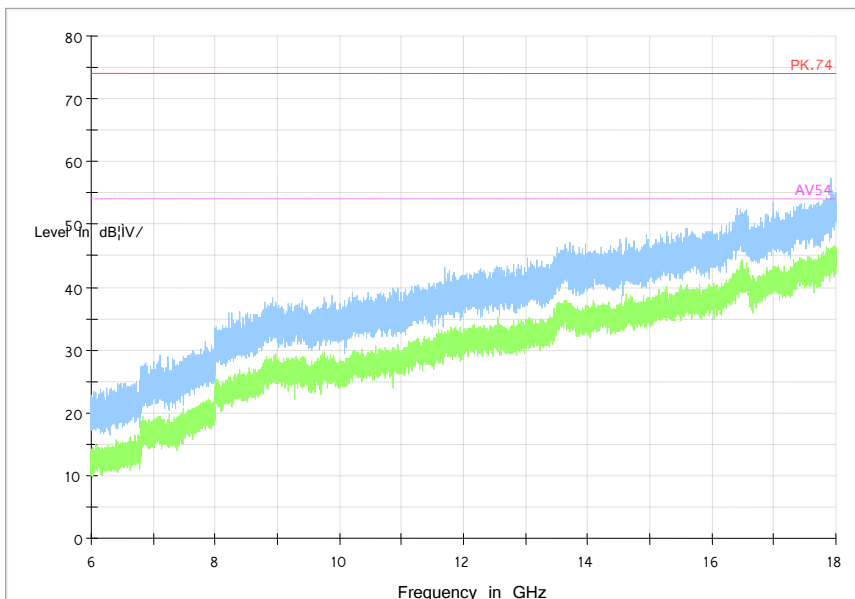


Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11a



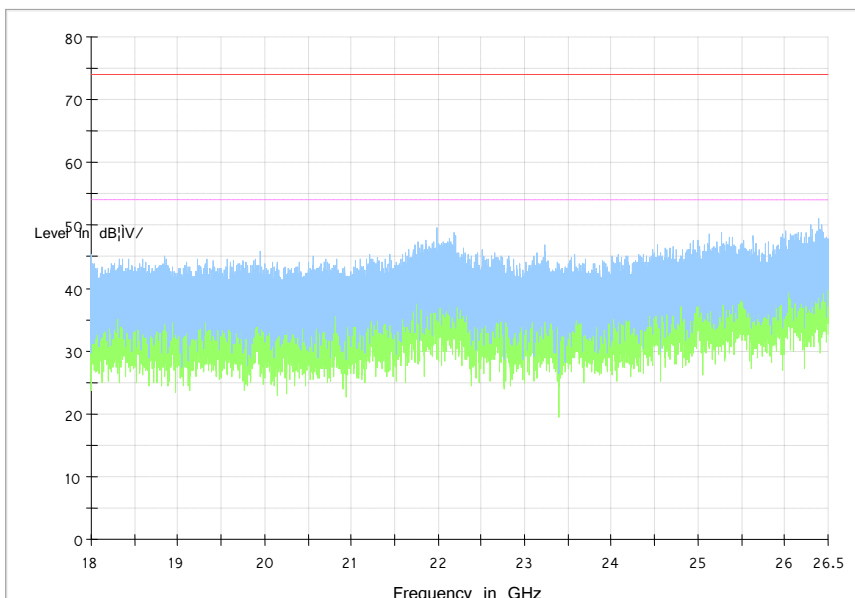
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum



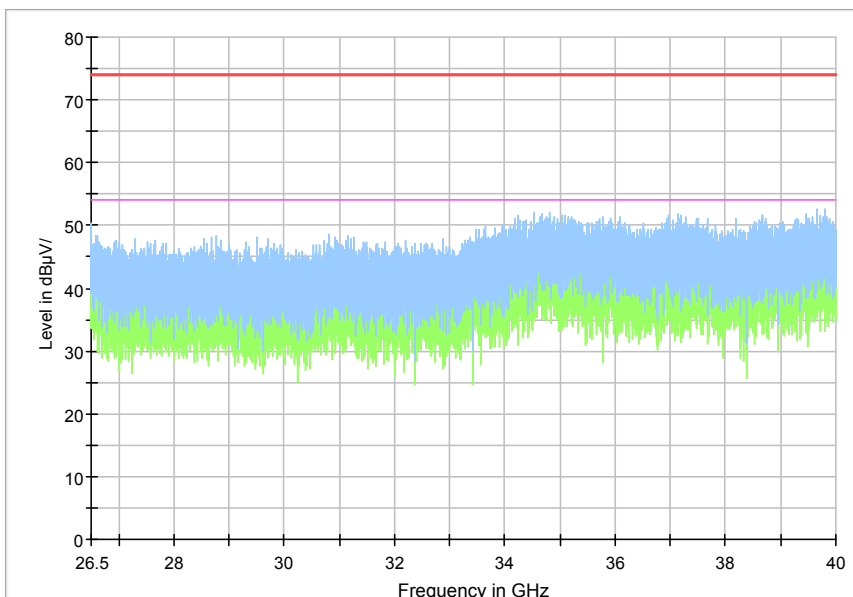
Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum



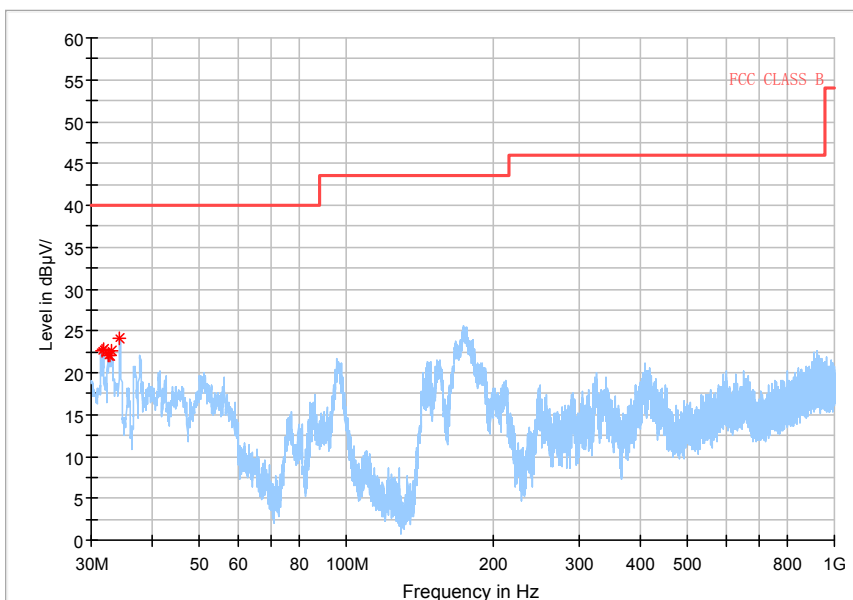
Frequency Range: 18GHz -26.5GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum



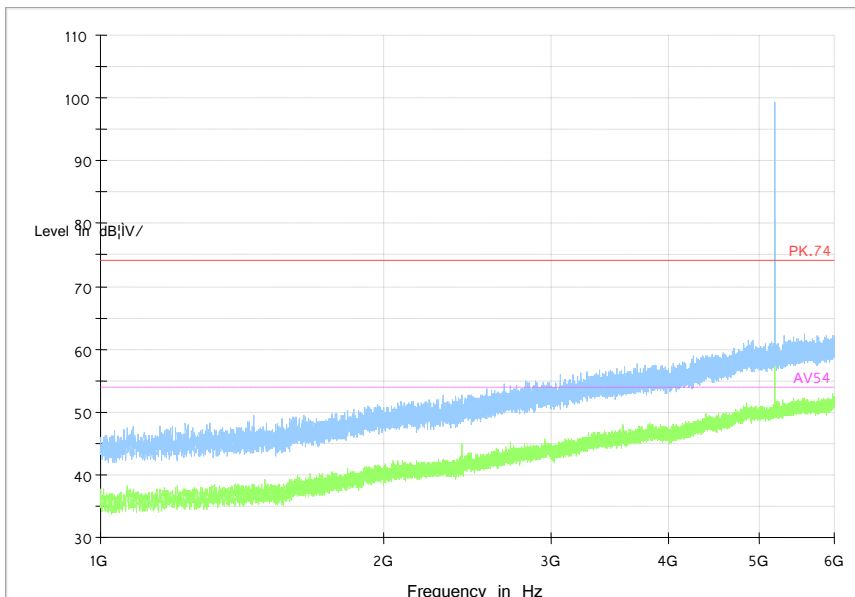
Frequency Range: 26.5GHz -40GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum



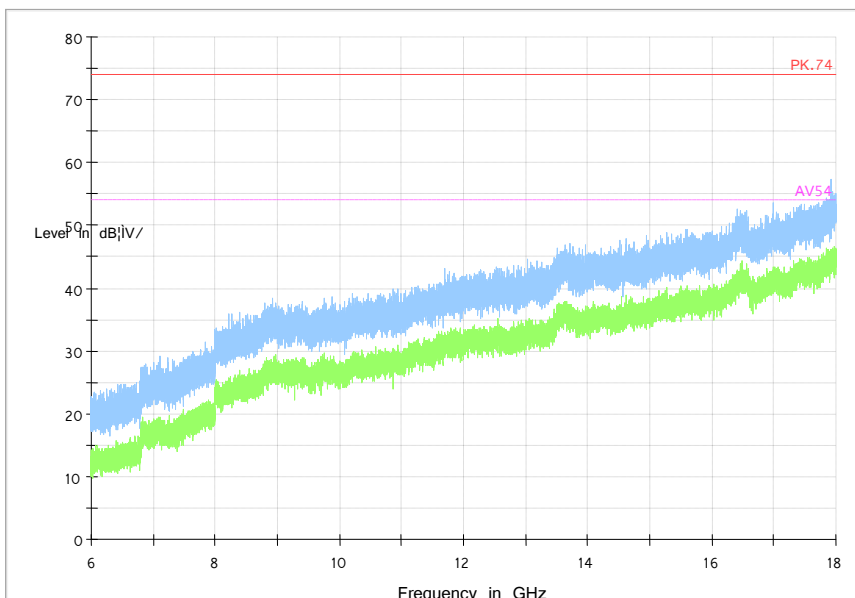
Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11n

Full Spectrum



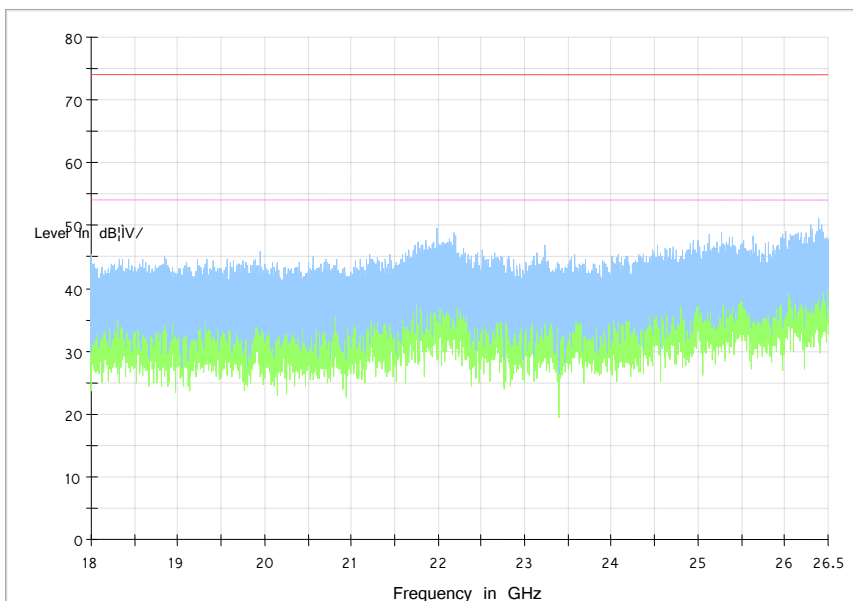
Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n

Full Spectrum



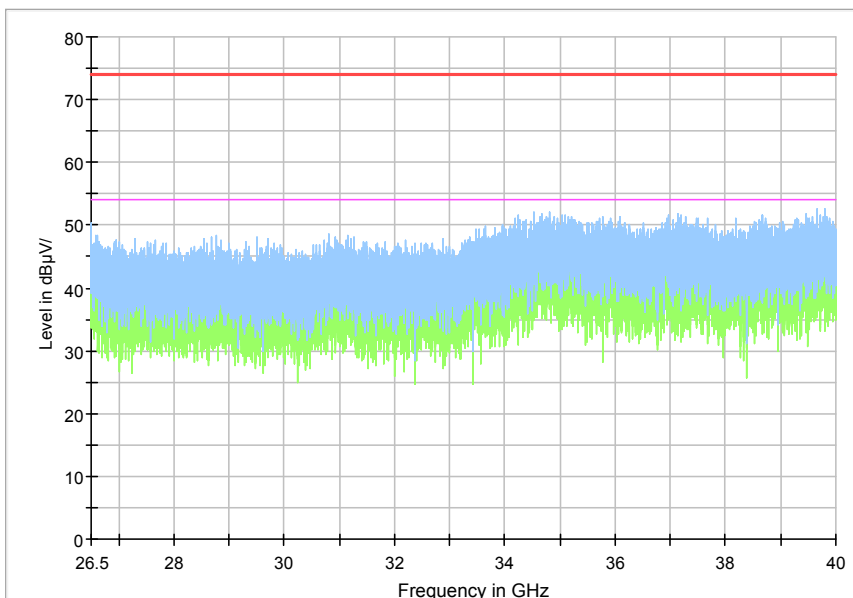
Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n

Full Spectrum



Frequency Range: 18GHz -26.5GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

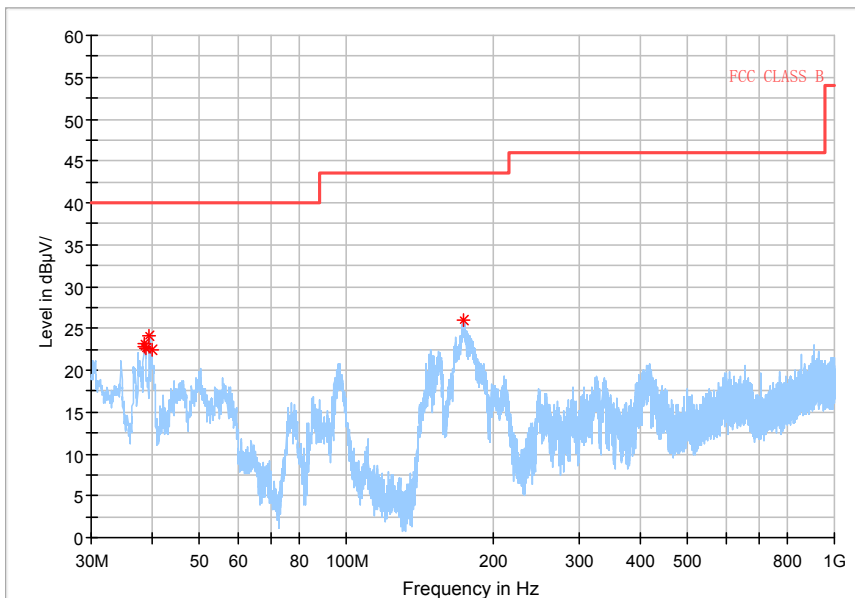
Full Spectrum



Frequency Range: 26.5GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

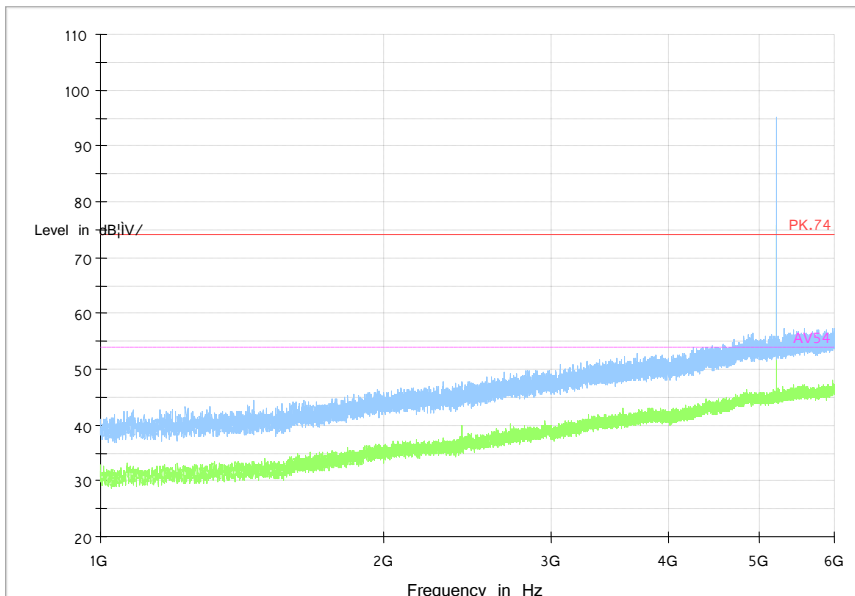
Carrier frequency (MHz): 5200
 Channel No.:40

Full Spectrum



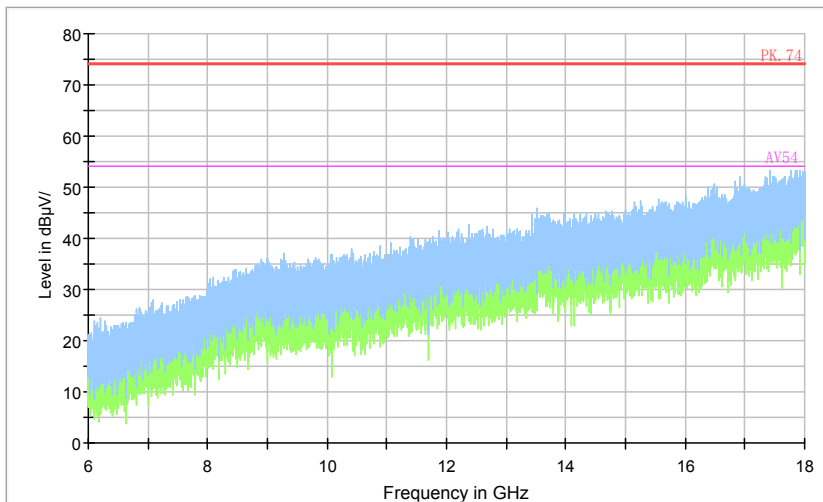
Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11a

Full Spectrum



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

Full Spectrum

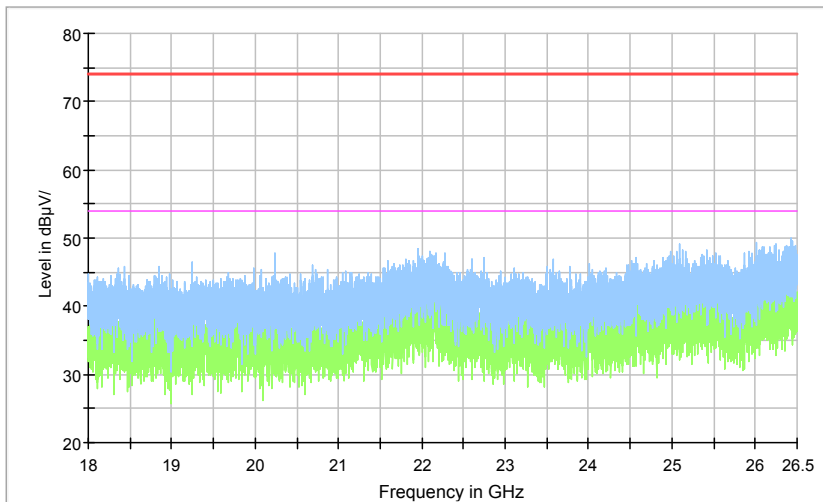


Preview Result 2-AVG Preview Result 1-PK+ PK.74 AV54

Comment

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

Full Spectrum

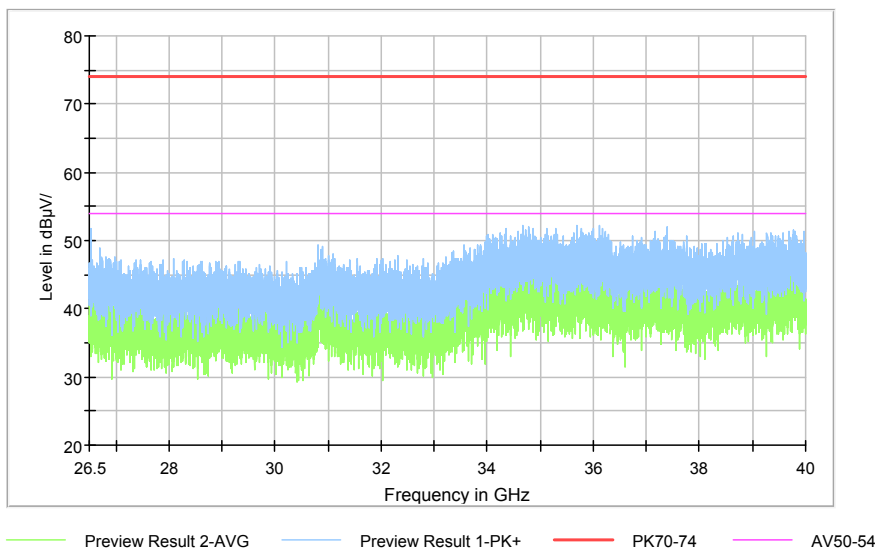


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

Frequency Range: 18GHz -26.5GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

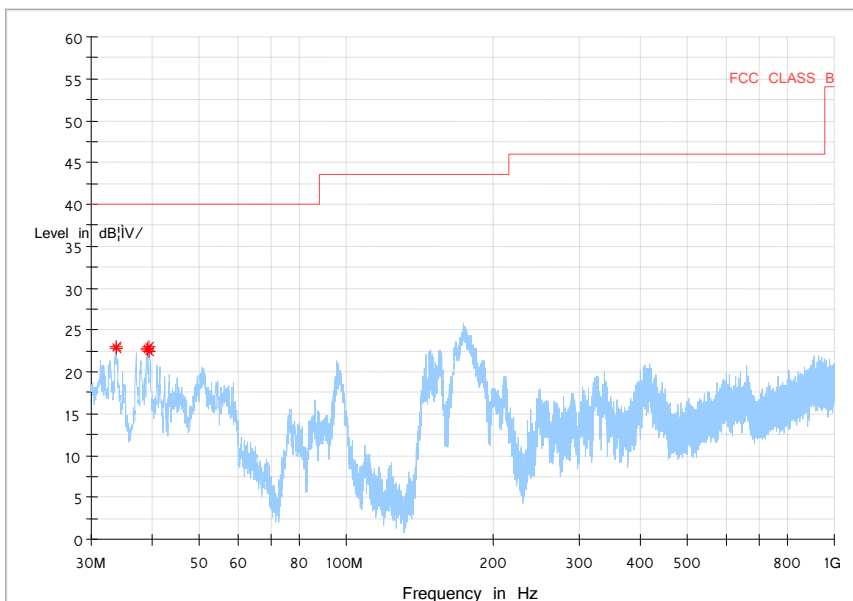
Full Spectrum



Comment

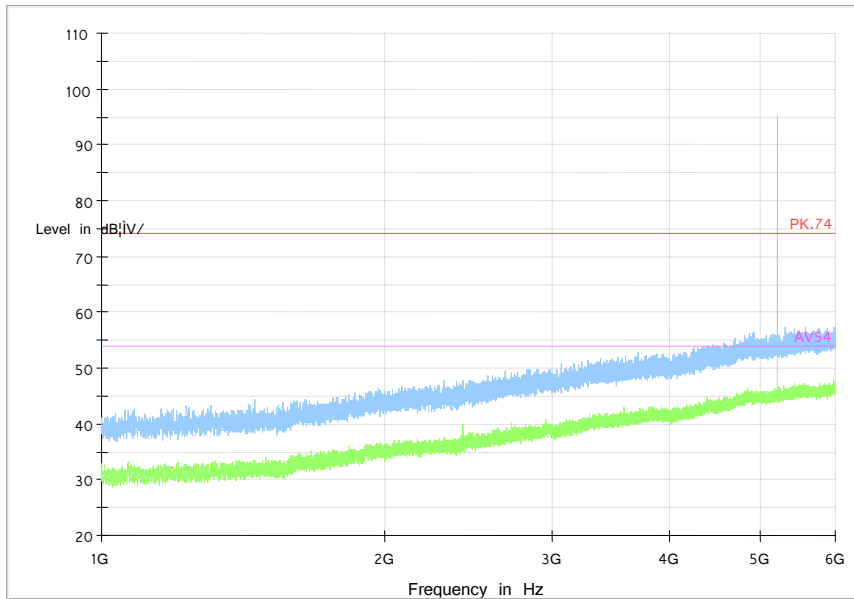
Frequency Range: 26.5GHz -40GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum



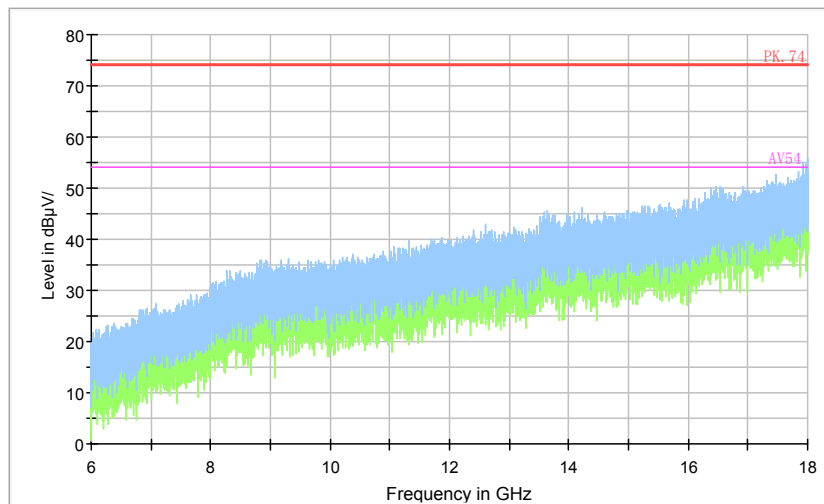
Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11n

Full Spectrum



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

Full Spectrum

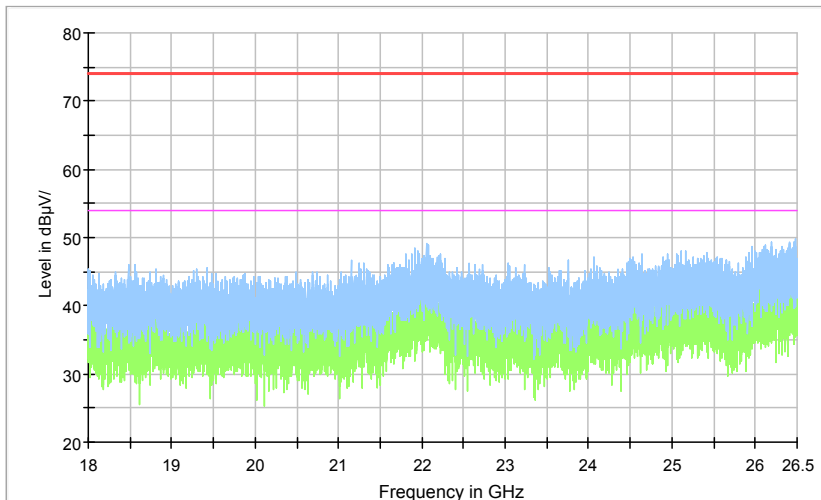


Preview Result 2-AVG Preview Result 1-PK+ PK.74 AV54

Comment

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

Full Spectrum

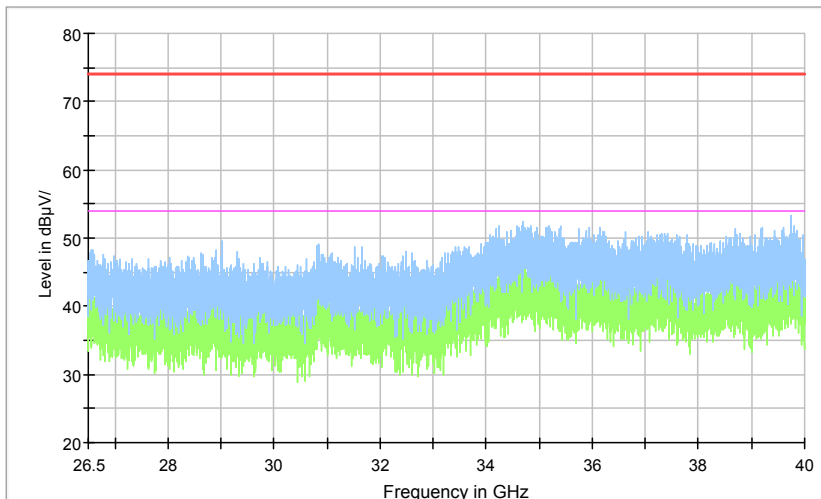


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

Frequency Range: 18GHz -26.5GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

Full Spectrum

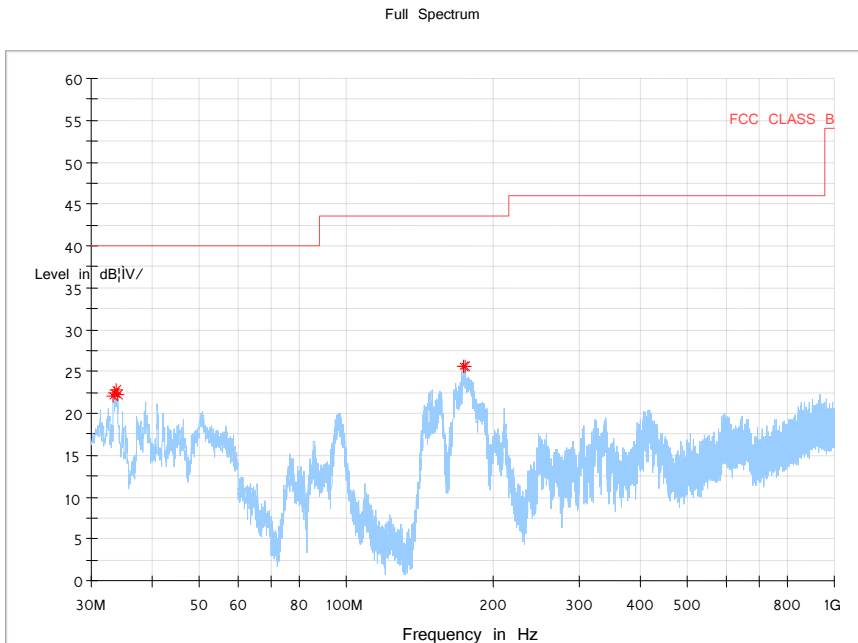


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

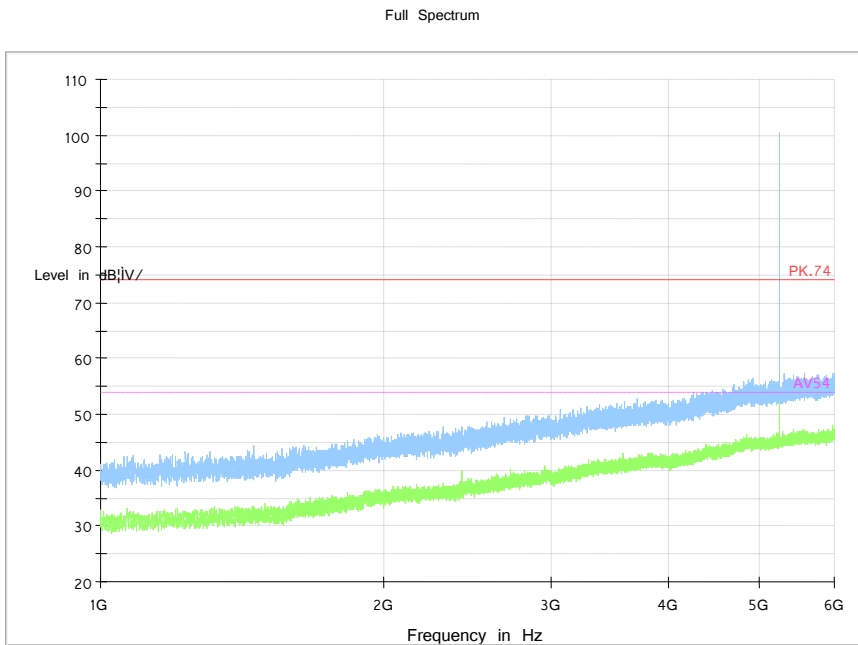
Comment

Frequency Range: 26.5GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

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

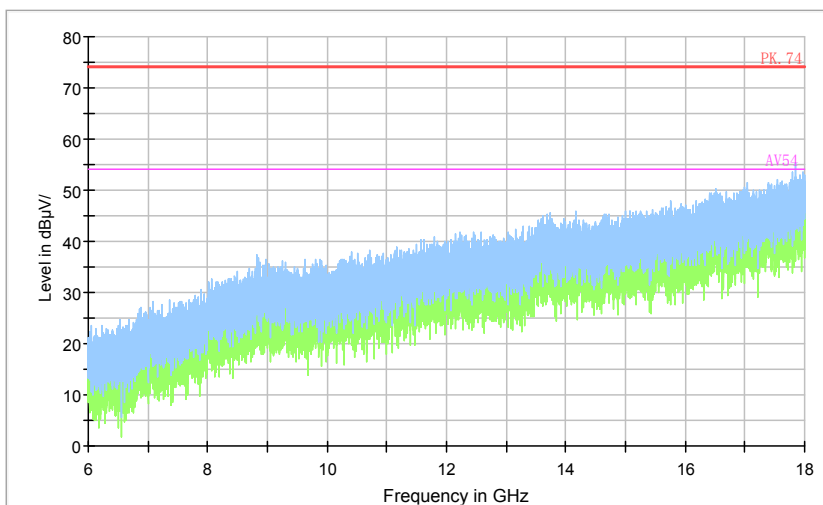


Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11a



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

Full Spectrum

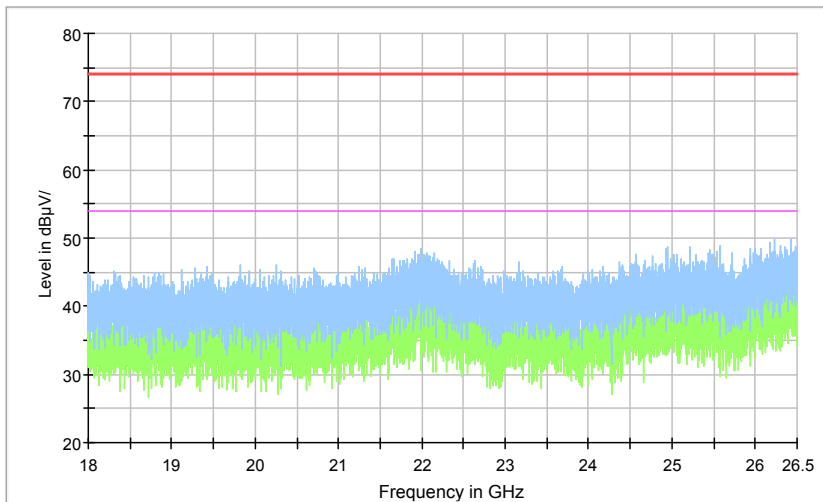


Preview Result 2-AVG Preview Result 1-PK+ PK.74 AV54

Comment

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

Full Spectrum

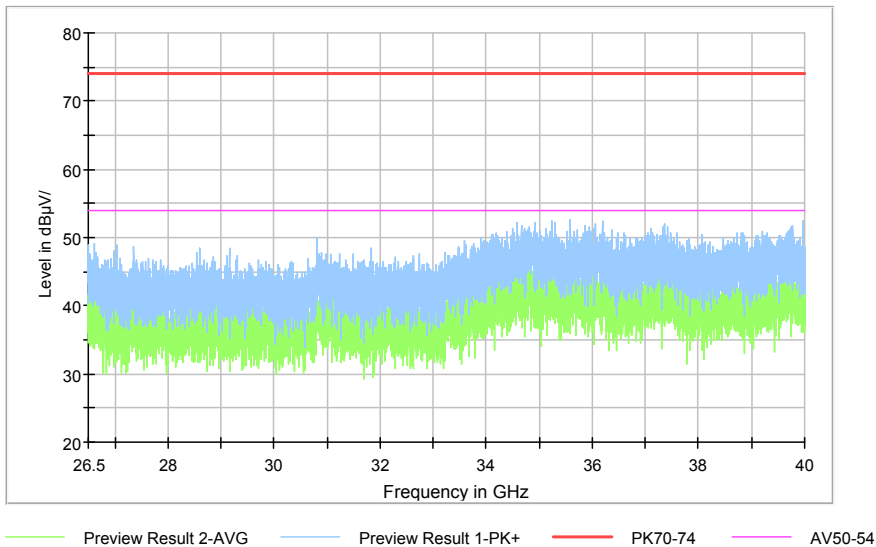


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

Frequency Range: 18GHz -26.5GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

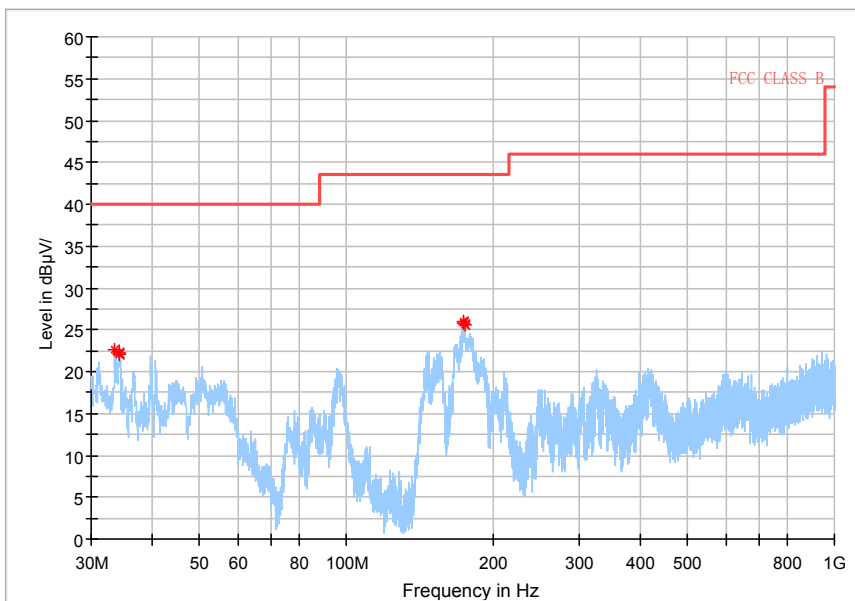
Full Spectrum



Comment

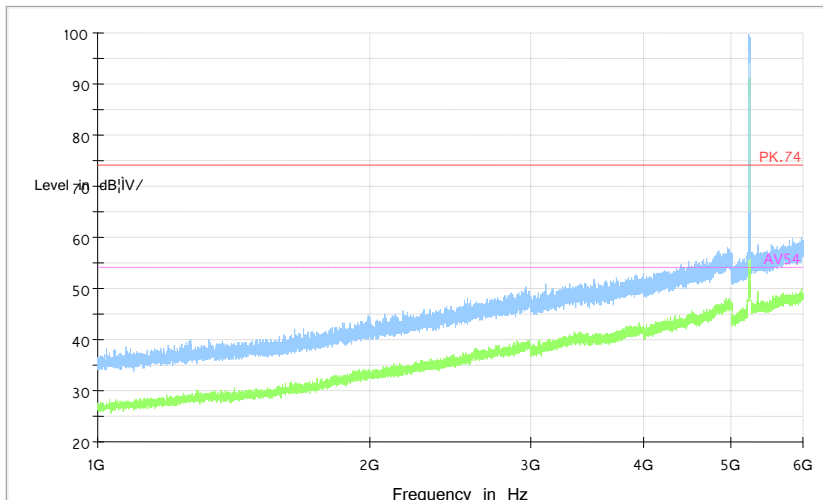
Frequency Range: 26.5GHz -40GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum



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

Full Spectrum

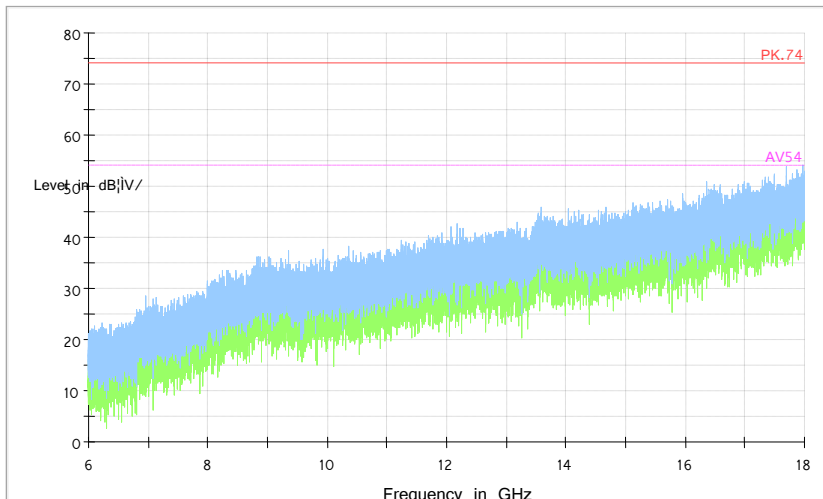


Preview Result 2-AVG Preview Result 1-PK+ PK.74 AV54

Comment

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

Full Spectrum

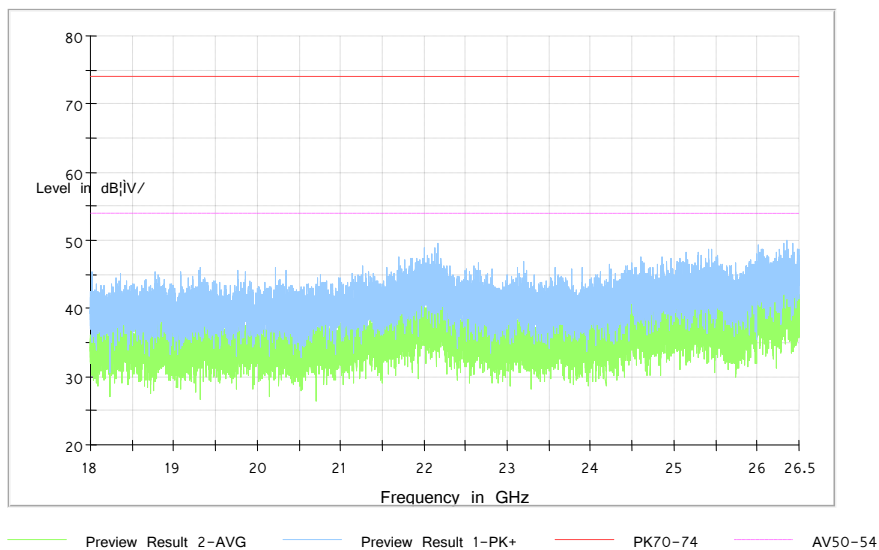


Preview Result 2-AVG Preview Result 1-PK+ PK.74 AV54

Comment

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

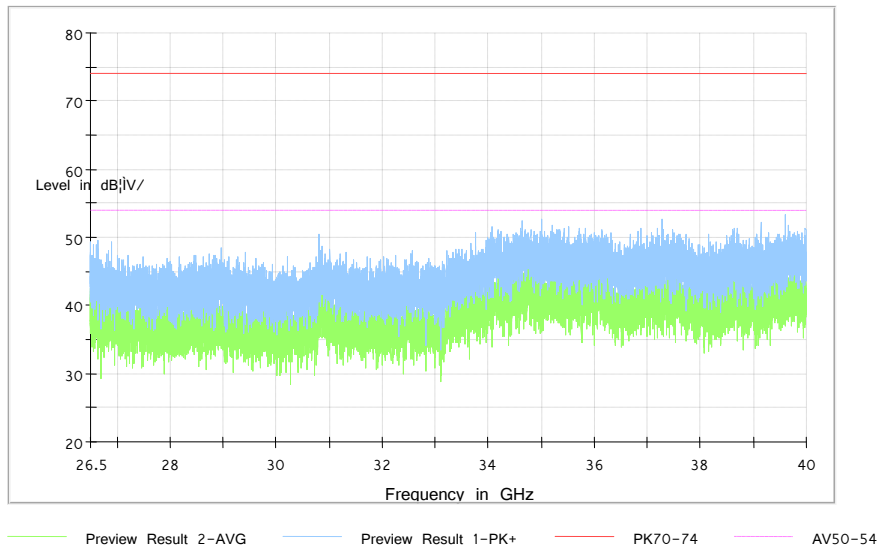
Full Spectrum



Comment

Frequency Range: 18GHz -26.5GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n

Full Spectrum

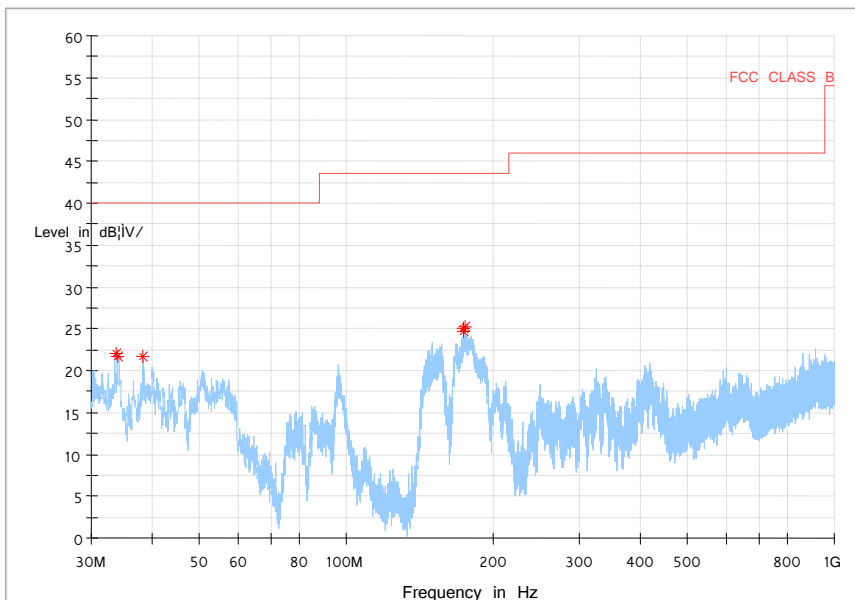


Comment

Frequency Range: 26.5GHz -40GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n

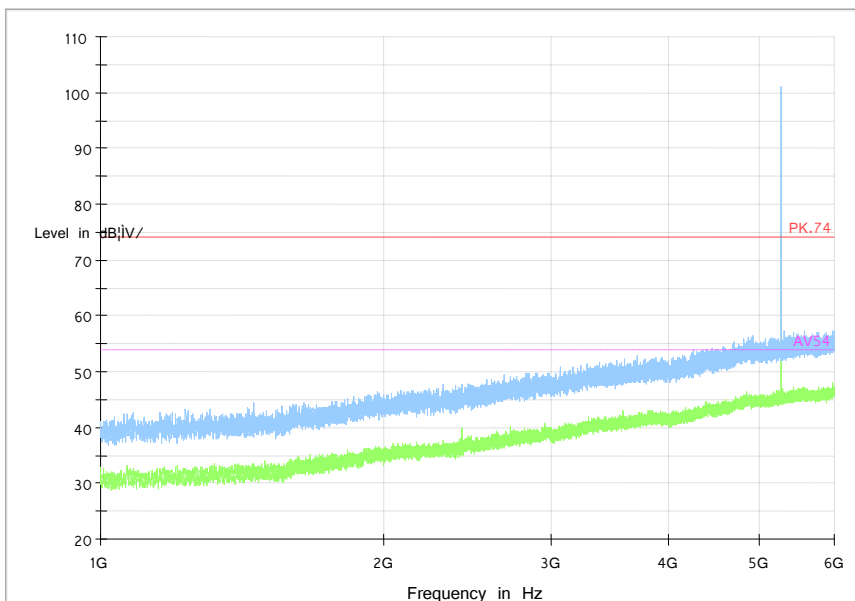
Carrier frequency (MHz): 5260
 Channel No.:52

Full Spectrum



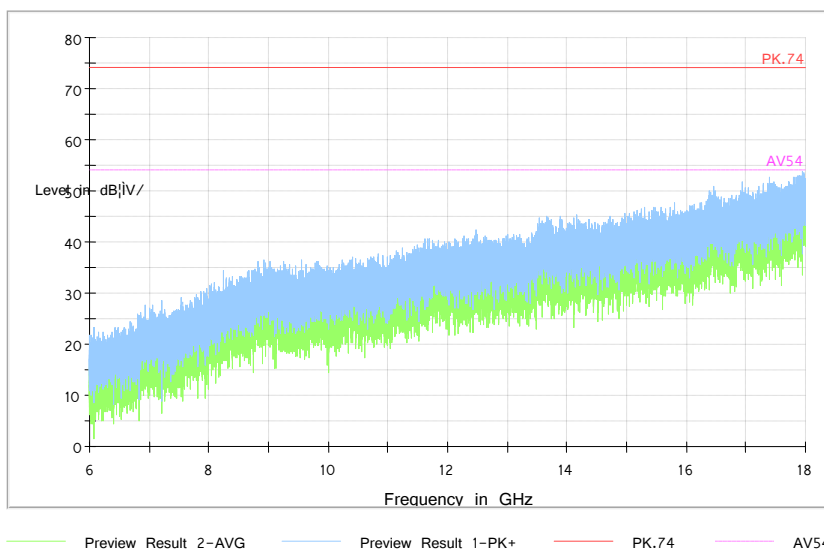
Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11a

Full Spectrum



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

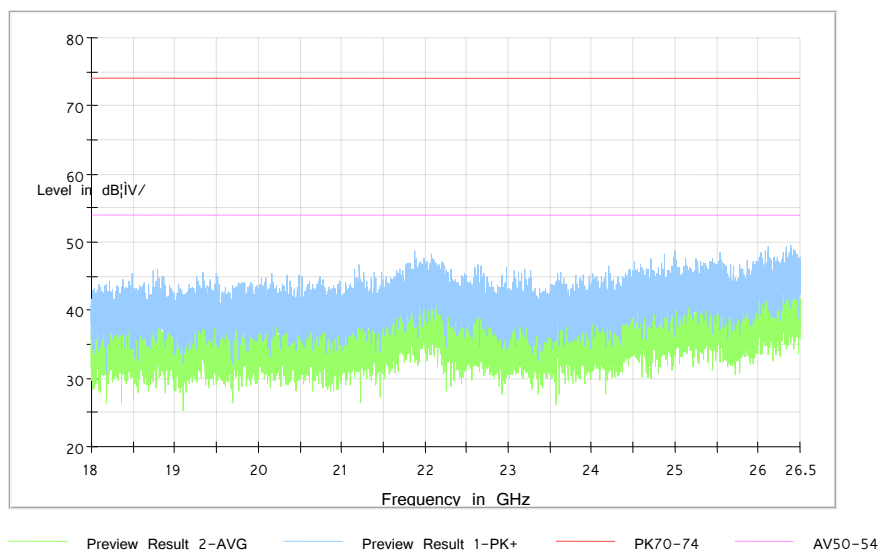
Full Spectrum



Comment

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

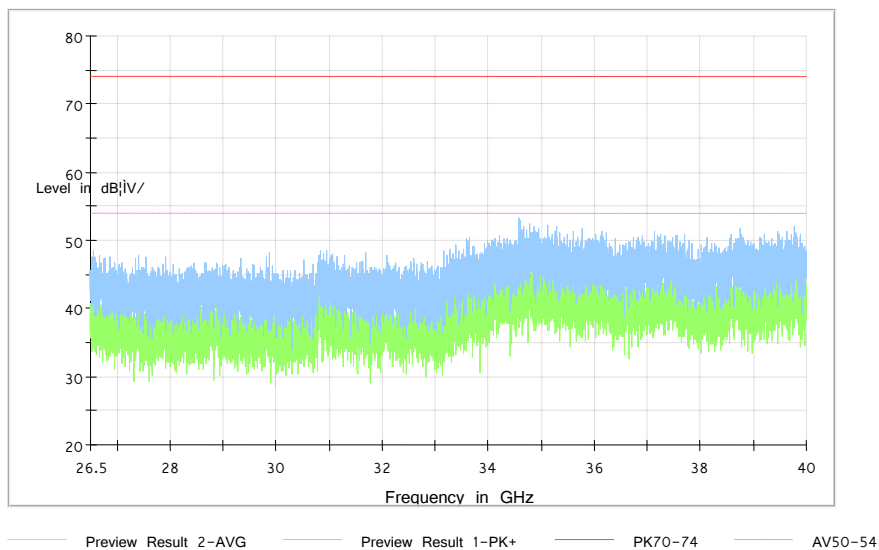
Full Spectrum



Comment

Frequency Range: 18GHz -26.5GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

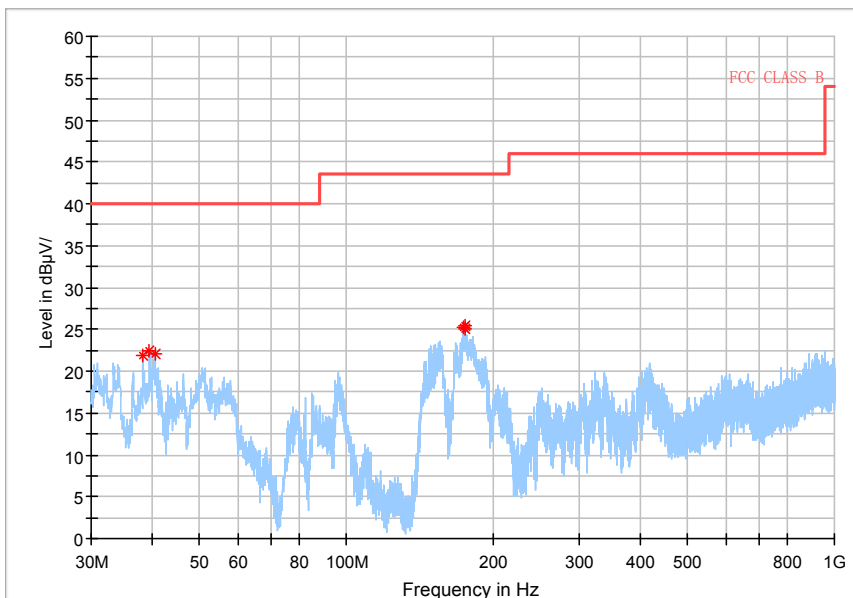
Full Spectrum



Comment

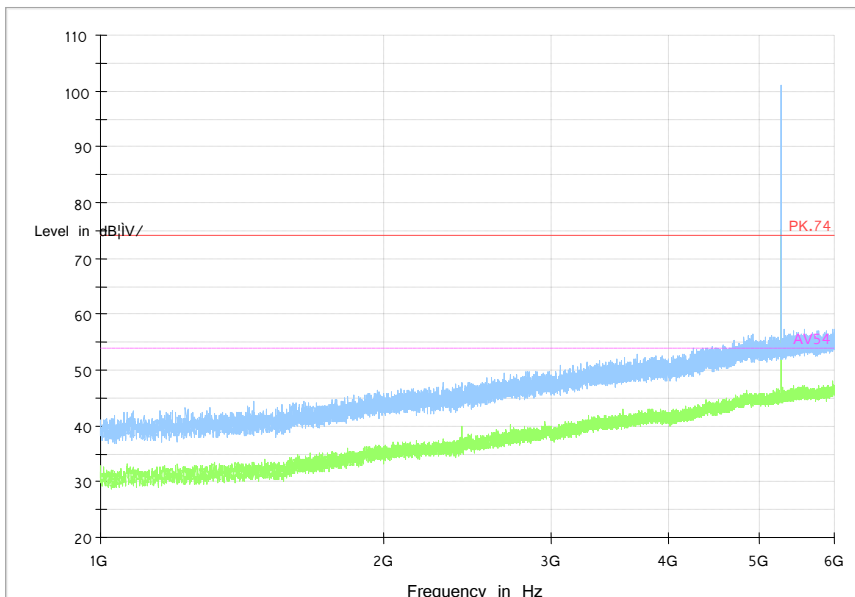
Frequency Range: 26.5GHz -40GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum



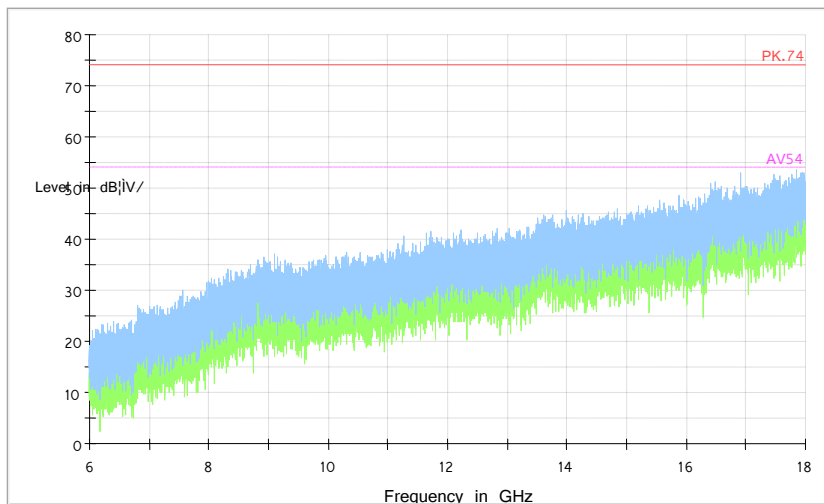
Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11n

Full Spectrum



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

Full Spectrum

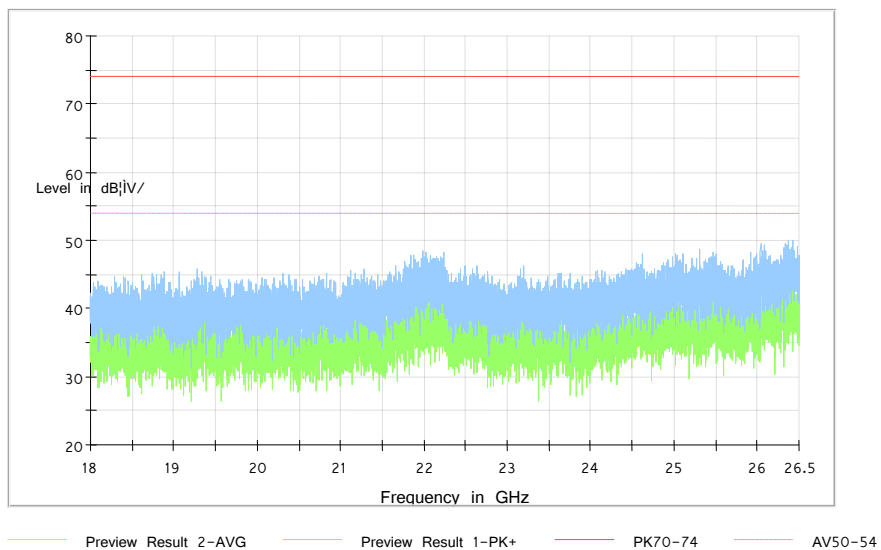


Preview Result 2-AVG Preview Result 1-PK+ PK.74 AV54

Comment

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

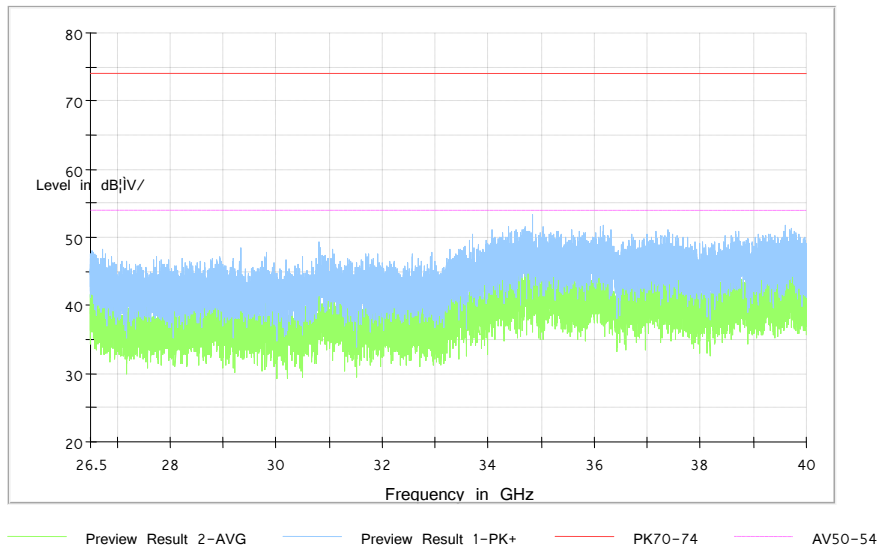
Full Spectrum



Comment

Frequency Range: 18GHz -26.5GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n

Full Spectrum



Comment

Frequency Range: 26.5GHz -40GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n