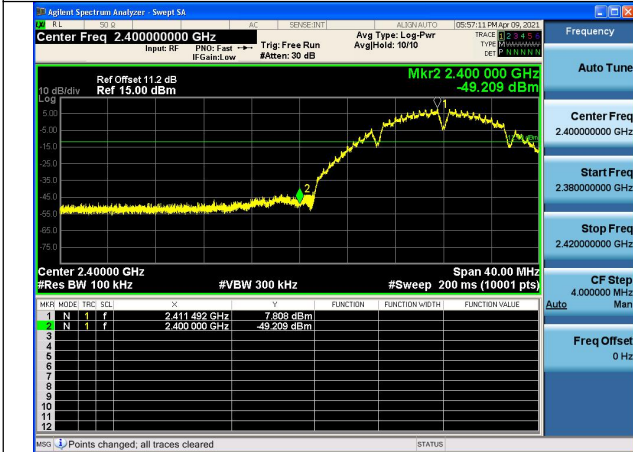


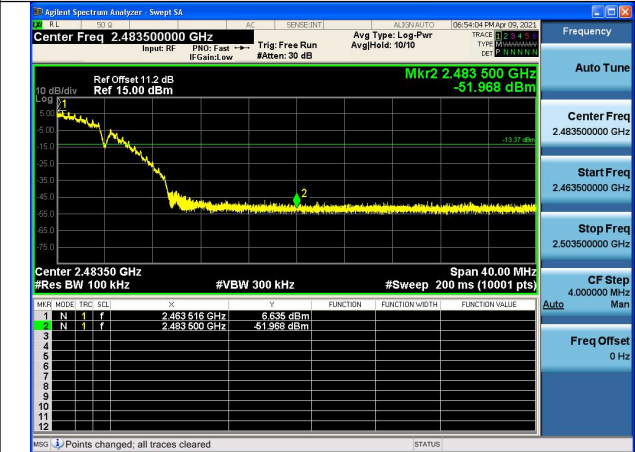
Band edge measurement

Test Mode:802.11b

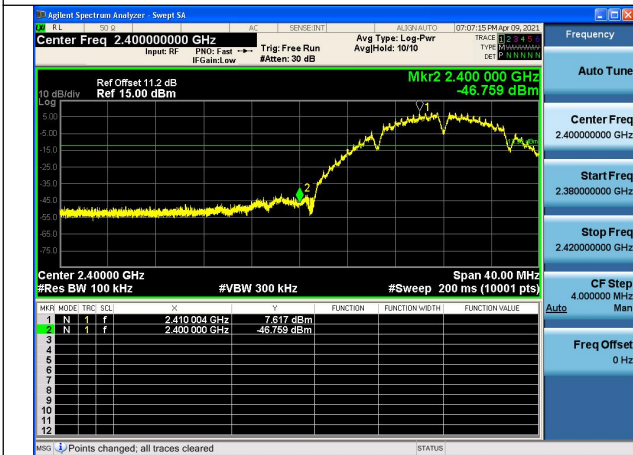
Test Mode:802.11b Chain0 CH1



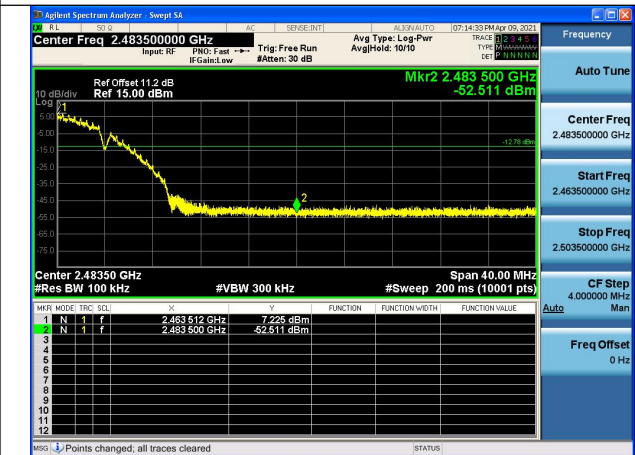
Test Mode:802.11b Chain0 CH11



Test Mode:802.11b Chain1 CH1

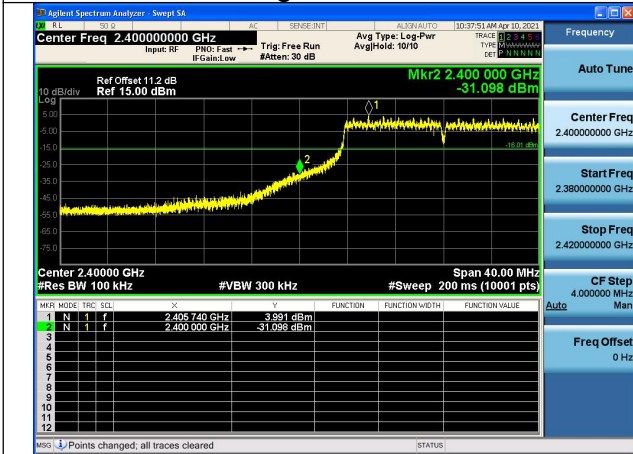


Test Mode:802.11b Chain1 CH11

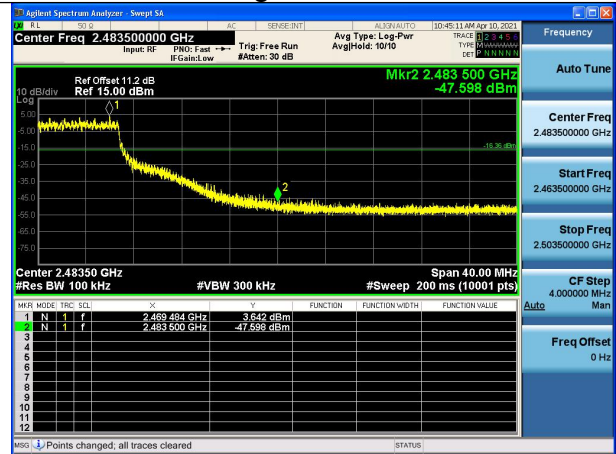


Test Mode:802.11g

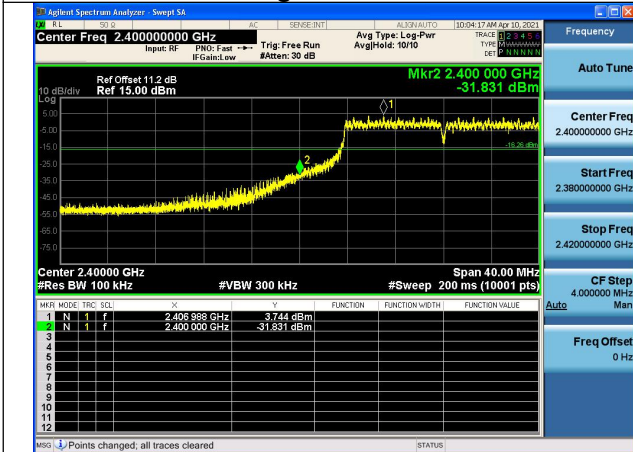
Test Mode:802.11g Chain0 CH1



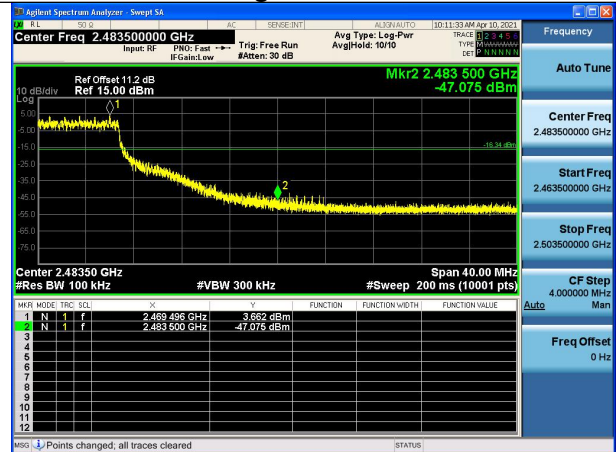
Test Mode:802.11g Chain0 CH11



Test Mode:802.11g Chain1 CH1

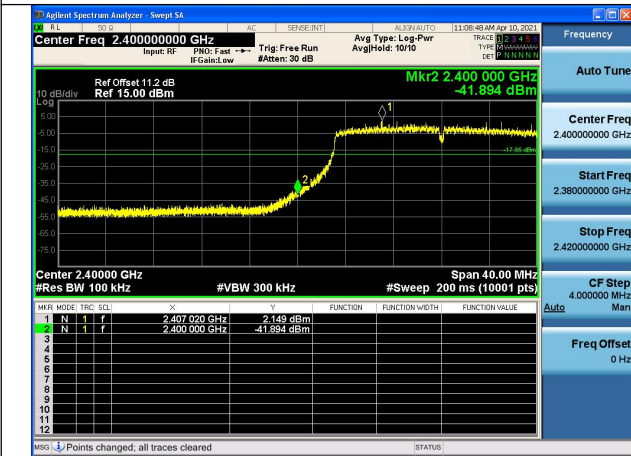


Test Mode:802.11g Chain1 CH11

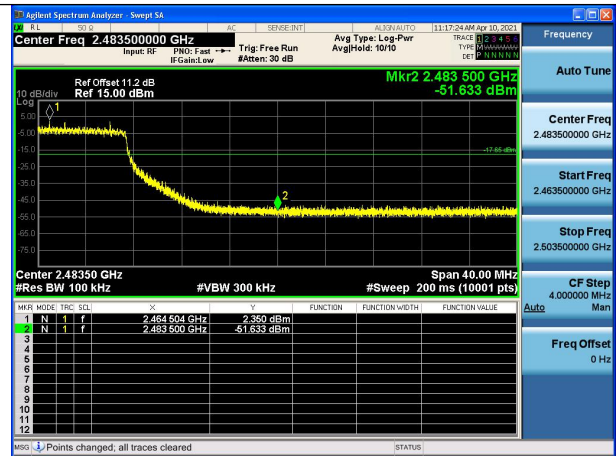


Test Mode:802. 11n HT20

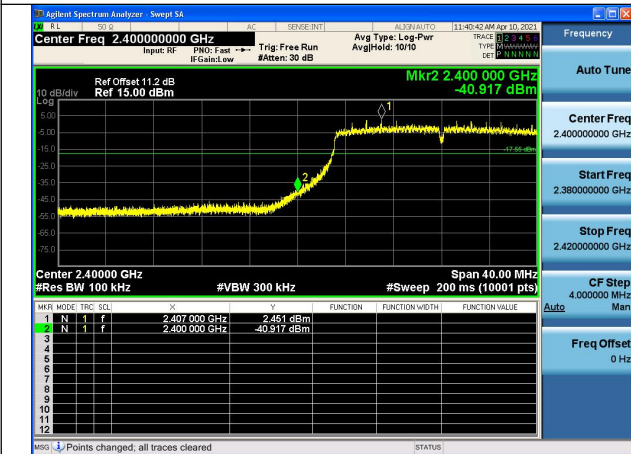
Test Mode:802. 11n HT20 Chain0 CH1



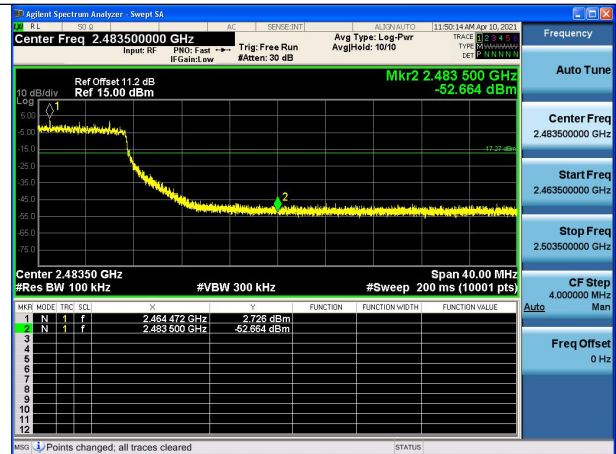
Test Mode:802. 11n HT20 Chain0 CH11



Test Mode:802. 11n HT20 Chain1 CH1



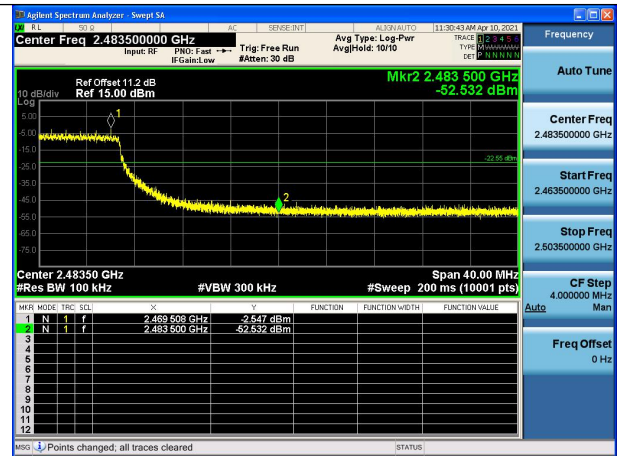
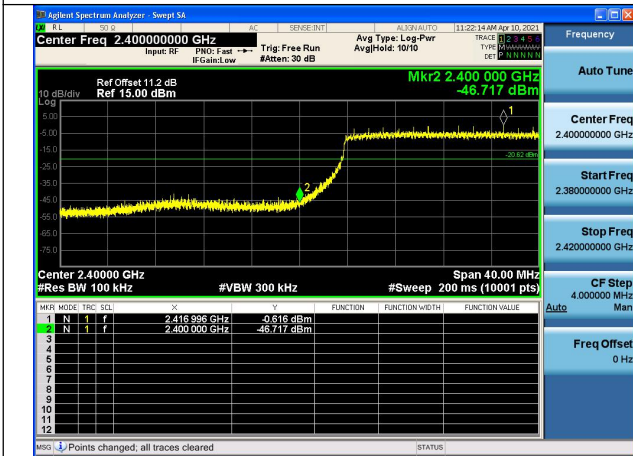
Test Mode:802. 11n HT20 Chain1 CH11



Test Mode:802. 11n HT40

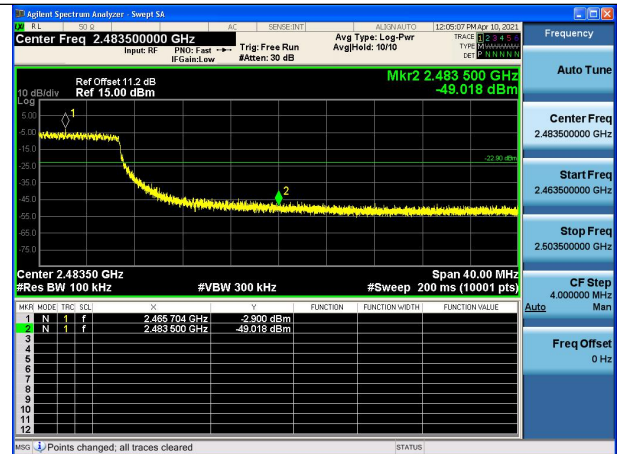
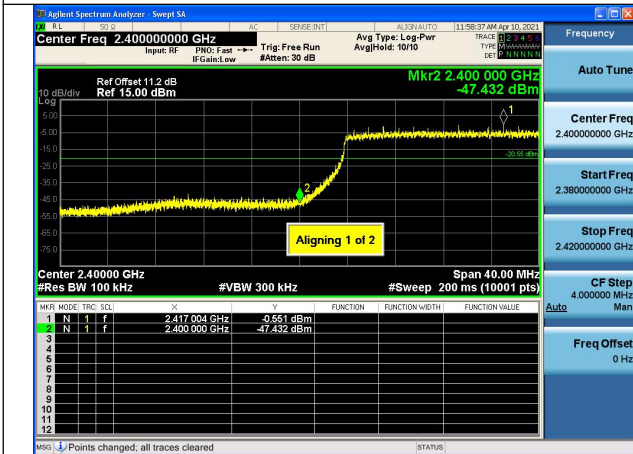
Test Mode:802. 11n HT40 Chain0 CH3

Test Mode:802. 11n HT40 Chain0 CH9



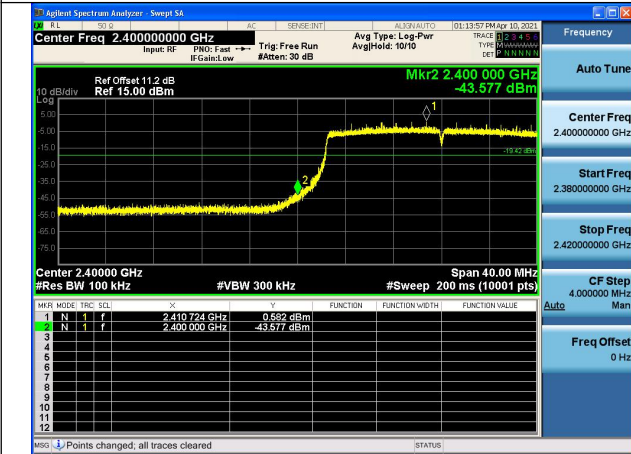
Test Mode:802. 11n HT40 Chain1 CH3

Test Mode:802. 11n HT40 Chain1 CH9

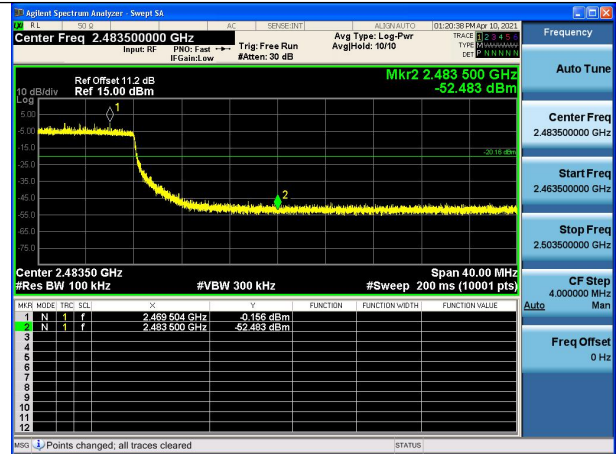


Test Mode:802.11ax HE20(242)

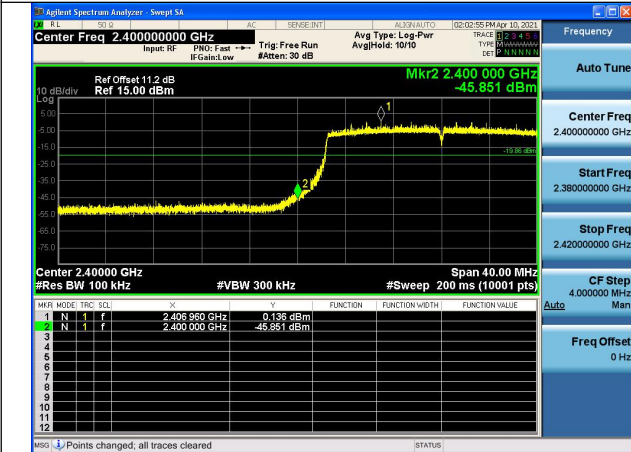
Test Mode:802.11ax HE20 Chain0 CH1



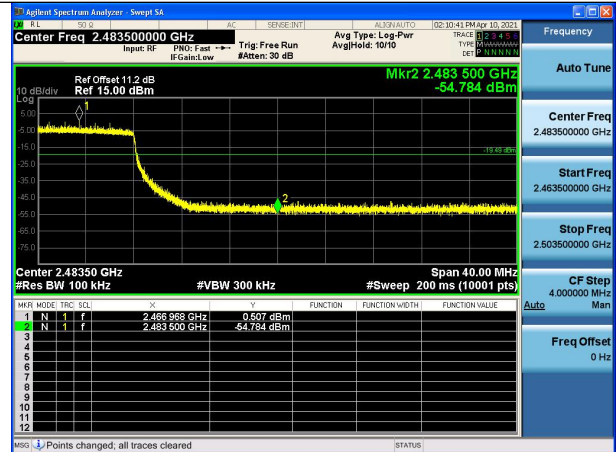
Test Mode:802.11ax HE20 Chain0 CH1



Test Mode:802.11ax HE20 Chain1 CH1



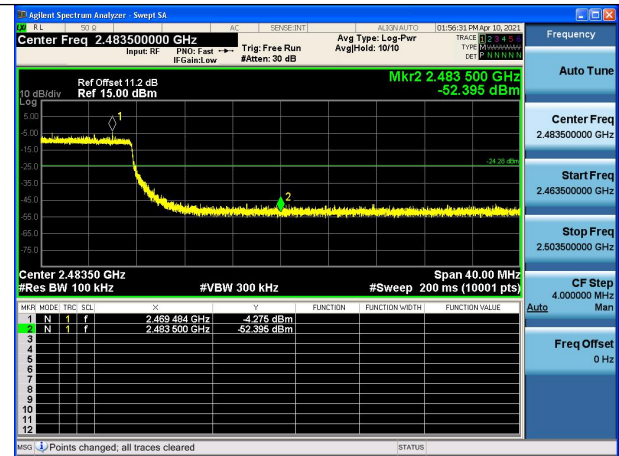
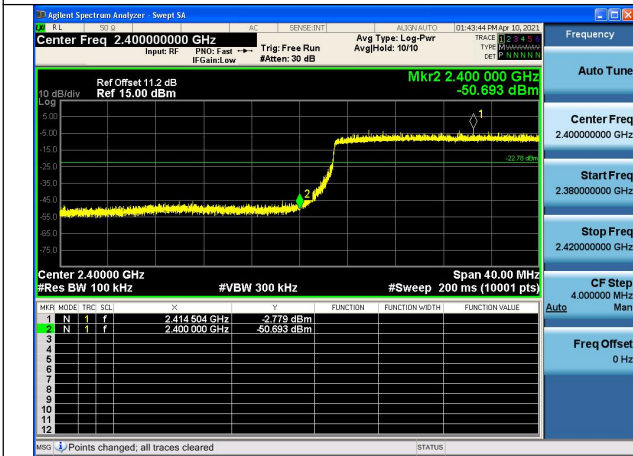
Test Mode:802.11ax HE20 Chain1 CH1



Test Mode:802.11ax HE40(484)

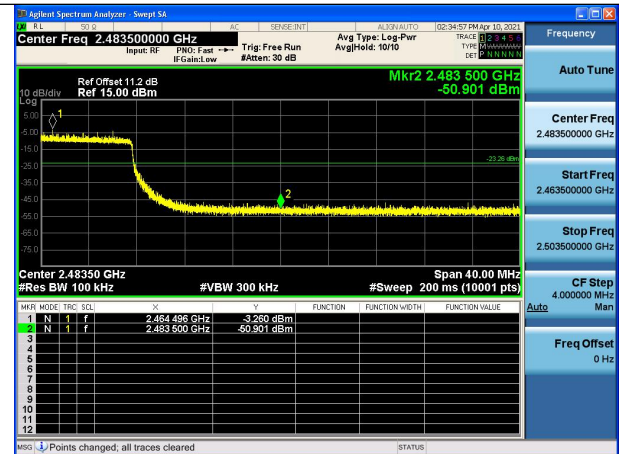
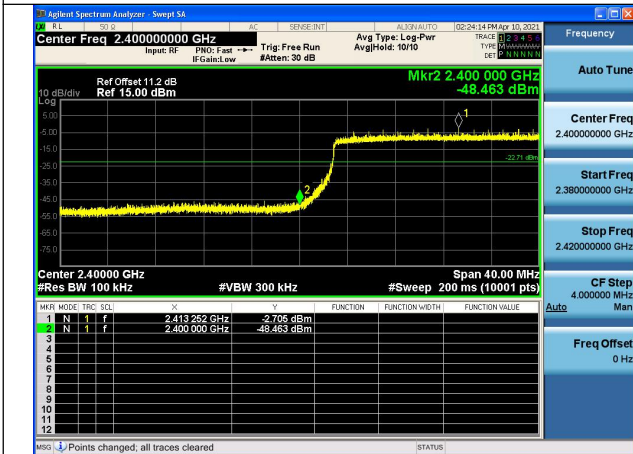
Test Mode:802.11ax HE40 Chain0 CH3

Test Mode:802.11ax HE40 Chain0 CH9



Test Mode:802.11ax HE40 Chain1 CH3

Test Mode:802.11ax HE40 Chain1 CH9



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: (80.32 dBuV/m) = (46.32 dBμV) + (8.90 dB) + (25.10 dB), the corresponding frequency is 2412MHz.

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	80.32	46.32	N/A	N/A	8.90	25.10

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

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

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	2412	80.32	46.32	N/A	N/A	8.90	25.10
2	2390	30.27	-3.73	-43.73	74.00	8.90	25.10

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

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	2412	77.41	43.41	N/A	N/A	8.90	25.10
2	2390	29.53	-4.47	-44.47	74.00	8.90	25.10

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b
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	2412	77.54	43.54	N/A	N/A	8.90	25.10
2	2390	24.90	-9.10	-29.10	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11b
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	2412	75.48	41.48	N/A	N/A	8.90	25.10
2	2390	24.94	-9.06	-29.06	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
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	2462	80.84	46.84	N/A	N/A	8.90	25.10
2	2483.5	30.13	-3.87	-43.87	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
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	2462	77.89	43.89	N/A	N/A	8.90	25.10
2	2483.5	31.12	-2.88	-42.88	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
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	2462	78.44	44.44	N/A	N/A	8.90	25.10
2	2483.5	25.47	-8.53	-28.53	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
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	2462	75.65	41.65	N/A	N/A	8.90	25.10
2	2483.5	25.27	-8.73	-28.73	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
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	2412	80.86	46.86	N/A	N/A	8.90	25.10
2	2390	29.20	-4.80	-44.80	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
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	2412	78.21	44.21	N/A	N/A	8.90	25.10
2	2390	29.72	-4.28	-44.28	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
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	2412	78.21	44.21	N/A	N/A	8.90	25.10
2	2390	29.72	-4.28	-44.28	74.00	8.90	25.10

1	2412	78.65	44.65	N/A	N/A	8.90	25.10
2	2390	25.70	-8.30	-28.30	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
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	2412	76.06	42.06	N/A	N/A	8.90	25.10
2	2390	25.39	-8.61	-28.61	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
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	2462	81.05	47.05	N/A	N/A	8.90	25.10
2	2483.5	29.31	-4.69	-44.69	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
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	2462	78.52	44.52	N/A	N/A	8.90	25.10
2	2483.5	29.13	-4.87	-44.87	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
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	2462	77.50	43.50	N/A	N/A	8.90	25.10
2	2483.5	24.35	-9.65	-29.65	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
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	2462	74.85	40.85	N/A	N/A	8.90	25.10
2	2483.5	24.01	-9.99	-29.99	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
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	2412	80.78	46.78	N/A	N/A	8.90	25.10
2	2390	29.02	-4.98	-44.98	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
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	2412	77.85	43.85	N/A	N/A	8.90	25.10
2	2390	29.04	-4.96	-44.96	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
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	2412	77.60	43.60	N/A	N/A	8.90	25.10
2	2390	24.23	-9.77	-29.77	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
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	2412	75.51	41.51	N/A	N/A	8.90	25.10
2	2390	24.17	-9.83	-29.83	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
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	2462	80.99	46.99	N/A	N/A	8.90	25.10
2	2483.5	30.48	-3.52	-43.52	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
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	2462	78.44	44.44	N/A	N/A	8.90	25.10
2	2483.5	30.25	-3.75	-43.75	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
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	2462	78.27	44.27	N/A	N/A	8.90	25.10
2	2483.5	25.27	-8.73	-28.73	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
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	2462	75.67	41.67	N/A	N/A	8.90	25.10
2	2483.5	25.33	-8.67	-28.67	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11ax(HE20)
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	2412	80.52	46.52	N/A	N/A	8.90	25.10
2	2390	30.82	-3.18	-43.18	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11ax(HE20)
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	2412	78.48	44.48	N/A	N/A	8.90	25.10
2	2390	30.49	-3.51	-43.51	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11ax(HE20)
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	2412	77.67	43.67	N/A	N/A	8.90	25.10
2	2390	25.32	-8.68	-28.68	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11ax(HE20)
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	2412	77.67	43.67	N/A	N/A	8.90	25.10
2	2390	25.32	-8.68	-28.68	54.00	8.90	25.10

1	2412	75.60	41.60	N/A	N/A	8.90	25.10
2	2390	25.65	-8.35	-28.35	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11ax(HE20)
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	2462	80.50	46.50	N/A	N/A	8.90	25.10
2	2483.5	30.86	-3.14	-43.14	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11ax(HE20)
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	2462	78.39	44.39	N/A	N/A	8.90	25.10
2	2483.5	31.70	-2.30	-42.30	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11ax(HE20)
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	2462	77.30	43.30	N/A	N/A	8.90	25.10
2	2483.5	24.22	-9.78	-29.78	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11ax(HE20)
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	2462	74.75	40.75	N/A	N/A	8.90	25.10
2	2483.5	24.15	-9.85	-29.85	54.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
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	2412	80.67	46.67	N/A	N/A	8.90	25.10
2	2390	29.84	-4.16	-44.16	74.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
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	2412	78.62	44.62	N/A	N/A	8.90	25.10
2	2390	28.85	-5.15	-45.15	74.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
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	2412	79.27	45.27	N/A	N/A	8.90	25.10
2	2390	24.41	-9.59	-29.59	54.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
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	2412	76.32	42.32	N/A	N/A	8.90	25.10
2	2390	24.46	-9.54	-29.54	54.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
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	2462	81.14	47.14	N/A	N/A	8.90	25.10
2	2483.5	29.45	-4.55	-44.55	74.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
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	2462	78.53	44.53	N/A	N/A	8.90	25.10
2	2483.5	28.74	-5.26	-45.26	74.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
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	2462	77.36	43.36	N/A	N/A	8.90	25.10
2	2483.5	25.16	-8.84	-28.84	54.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
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	2462	74.62	40.62	N/A	N/A	8.90	25.10
2	2483.5	25.89	-8.11	-28.11	54.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11ax(HE40)
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	2412	80.81	46.81	N/A	N/A	8.90	25.10
2	2390	29.16	-4.84	-44.84	74.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11ax(HE40)
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	2412	78.34	44.34	N/A	N/A	8.90	25.10
2	2390	29.32	-4.68	-44.68	74.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11ax(HE40)
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	2412	77.85	43.85	N/A	N/A	8.90	25.10
2	2390	25.00	-9.00	-29.00	54.00	8.90	25.10

Carrier frequency (MHz): 2422
Channel No.:3
Test Mode: 802.11ax(HE40)
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	2412	75.81	41.81	N/A	N/A	8.90	25.10
2	2390	24.12	-9.88	-29.88	54.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11ax(HE40)
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	2412	75.81	41.81	N/A	N/A	8.90	25.10
2	2390	24.12	-9.88	-29.88	54.00	8.90	25.10

1	2462	80.38	46.38	N/A	N/A	8.90	25.10
2	2483.5	30.41	-3.59	-43.59	74.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11ax(HE40)
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	2462	77.72	43.72	N/A	N/A	8.90	25.10
2	2483.5	30.65	-3.35	-43.35	74.00	8.90	25.10

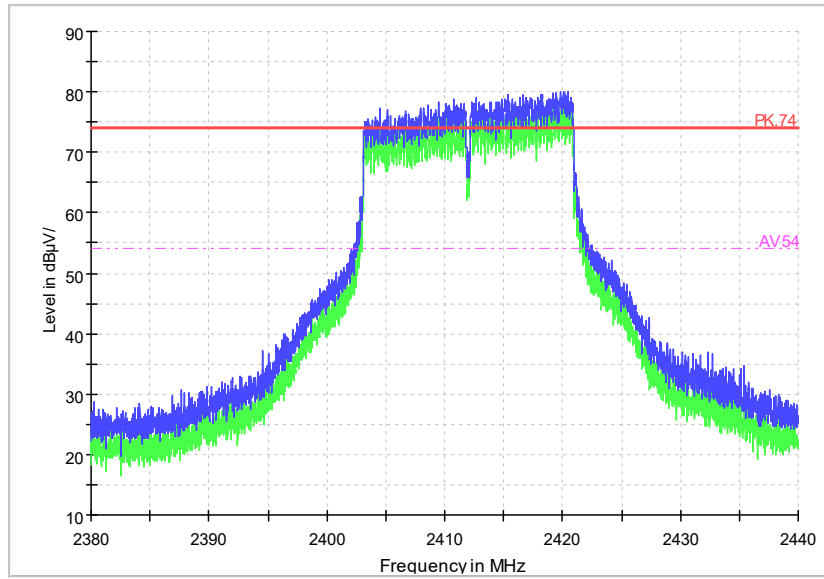
Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11ax(HE40)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	78.09	44.09	N/A	N/A	8.90	25.10
2	2483.5	25.50	-8.50	-28.50	54.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11ax(HE40)
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	2462	75.55	41.55	N/A	N/A	8.90	25.10
2	2483.5	25.49	-8.51	-28.51	54.00	8.90	25.10

Copy of 002C_FCC



Radiated Emission Band Edge for 2412MHz

Sample Calculations

Determining Spurious Emissions Levels

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

The measurement results are obtained as described below:

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

Sample calculation: $(23.42 \text{ dB}\mu\text{V/m}) = (35.62 \text{ dB}\mu\text{V}) + (-12.2 \text{ dB/m})$, the corresponding frequency is 30.365MHz.

The worst case attitude: The EUT lay down.

For 802.11b Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.365	23.42	-12.2	35.62	Vertical	40
76.537	37.95	-23.1	61.05	Vertical	40
102.4335	27.76	-21.3	49.06	Vertical	43.5
197.924	30.26	-22.3	52.56	Vertical	43.5
557.0665	20.81	-10.5	31.31	Vertical	46
578.421	22.51	-10.1	32.61	Vertical	46

For 802.11g Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
46.125	23.49	-21.2	44.69	Vertical	40
75.71	36.33	-23.1	59.43	Vertical	40
132.2125	28.55	-21.6	50.15	Vertical	43.5
198.5145	30.12	-22.3	52.42	Vertical	43.5
552.1825	20.24	-10.6	30.84	Vertical	46
594.66	22.3	-9.7	32	Vertical	46

For 802.11n(HT20) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
47.6225	23.2	-22.2	45.4	Vertical	40
76.925	36.51	-23.1	59.61	Vertical	40
131.8245	28.33	-21.5	49.83	Vertical	43.5
198.757	30.2	-22.3	52.5	Vertical	43.5
549.823	20.4	-10.6	31	Vertical	46
595.4615	22.37	-9.7	32.07	Vertical	46

For 802.11ax(HE20) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl	Pmea	Polarity	Limit
----------------	----------------	------	------	----------	-------

		(dB)	(dBuV/m)		(dBuV/m)
30.0655	23.87	-12	35.87	Vertical	40
85.832	38.55	-22.5	61.05	Vertical	40
127.023	29.52	-21.1	50.62	Vertical	43.5
296.1765	26.45	-18.1	44.55	Vertical	46
537.407	25.17	-10.9	36.07	Vertical	46
590.2975	24.7	-9.8	34.5	Vertical	46

For 802.11b Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
47.4345	23.07	-22.1	45.17	Vertical	40
76.6825	36.88	-23.1	59.98	Vertical	40
132.7485	28.57	-21.6	50.17	Vertical	43.5
198.061	30.34	-22.3	52.64	Vertical	43.5
556.6215	20.59	-10.5	31.09	Vertical	46
594.637	22.36	-9.7	32.06	Vertical	46

For 802.11g Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.462	23.19	-12.2	35.39	Vertical	40
76.44	37.06	-23.1	60.16	Vertical	40
132.2125	28.68	-21.6	50.28	Vertical	43.5
197.348	30.24	-22.2	52.44	Vertical	43.5
315.5425	19.11	-17.4	36.51	Vertical	46
572.9805	21.77	-10.2	31.97	Vertical	46

For 802.11n(HT20) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
46.296	23.58	-21.3	44.88	Vertical	40
76.3915	36.97	-23.1	60.07	Vertical	40
132.506	28.62	-21.6	50.22	Vertical	43.5
197.4935	30.21	-22.2	52.41	Vertical	43.5
556.7355	20.51	-10.5	31.01	Vertical	46
588.0725	22.54	-9.9	32.44	Vertical	46

For 802.11ax(HE20) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.696	21.73	-12.3	34.03	Vertical	40
84.3915	38.75	-22.6	61.35	Vertical	40
126.88	24.04	-21.1	45.14	Vertical	43.5

201.536	27.03	-22.2	49.23	Vertical	43.5
241.4345	25.9	-20	45.9	Vertical	46
527.239	24.2	-11.2	35.4	Vertical	46

For 802.11b Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.08	23.82	-12	35.82	Vertical	40
76.3575	36.93	-23.1	60.03	Vertical	40
132.261	28.64	-21.6	50.24	Vertical	43.5
197.502	30.23	-22.2	52.43	Vertical	43.5
550.7845	20.31	-10.6	30.91	Vertical	46
587.345	22.5	-9.9	32.4	Vertical	46

For 802.11g Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30	23.86	-12	35.86	Vertical	40
76.0495	36.74	-23.1	59.84	Vertical	40
132.067	28.61	-21.5	50.11	Vertical	43.5
198.272	30.35	-22.3	52.65	Vertical	43.5
550.97	20.38	-10.6	30.98	Vertical	46
590.101	22.59	-9.8	32.39	Vertical	46

For 802.11n(HT20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
46.8065	22.88	-21.7	44.58	Vertical	40
76.44	36.77	-23.1	59.87	Vertical	40
132.392	28.67	-21.6	50.27	Vertical	43.5
198.563	30.23	-22.3	52.53	Vertical	43.5
553.7345	20.51	-10.5	31.01	Vertical	46
592.52	22.37	-9.7	32.07	Vertical	46

For 802.11ax(HE20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.947	21.68	-12.5	34.18	Vertical	40
75.5585	35.91	-23.1	59.01	Vertical	40
132.7885	27.17	-21.6	48.77	Vertical	43.5
194.626	28.08	-22.2	50.28	Vertical	43.5
556.6045	19.94	-10.5	30.44	Vertical	46
590.8855	22.72	-9.8	32.52	Vertical	46

For 802.11n(HT40) Channel No.:3

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
46.3845	22.3	-21.4	43.7	Vertical	40
75.904	36.36	-23.1	59.46	Vertical	40
132.797	27.73	-21.6	49.33	Vertical	43.5
196.669	29.79	-22.2	51.99	Vertical	43.5
314.6865	19.86	-17.5	37.36	Vertical	46
590.837	21.94	-9.8	31.74	Vertical	46

For 802.11ax(HE40) Channel No.:3

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.365	23.12	-12.2	35.32	Vertical	40
76.098	36.5	-23.1	59.6	Vertical	40
132.512	28.39	-21.6	49.99	Vertical	43.5
197.3905	29.87	-22.2	52.07	Vertical	43.5
316.1245	20.02	-17.4	37.42	Vertical	46
593.5955	22.27	-9.7	31.97	Vertical	46

For 802.11n(HT40) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.268	23.28	-12.1	35.38	Vertical	40
76.3345	35.55	-23.1	58.65	Vertical	40
132.6515	28.2	-21.6	49.8	Vertical	43.5
198.272	29.57	-22.3	51.87	Vertical	43.5
556.436	19.87	-10.5	30.37	Vertical	46
573.1345	21.97	-10.2	32.17	Vertical	46

For 802.11ax(HE40) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.268	22.69	-12.1	34.79	Vertical	40
84.7565	35.8	-22.6	58.4	Vertical	40
127.559	27.27	-21.1	48.37	Vertical	43.5
189.4935	26.7	-22.1	48.8	Vertical	43.5
245.454	25.88	-19.9	45.78	Vertical	46
590.1095	23.52	-9.8	33.32	Vertical	46

For 802.11n(HT40) Channel No.:9

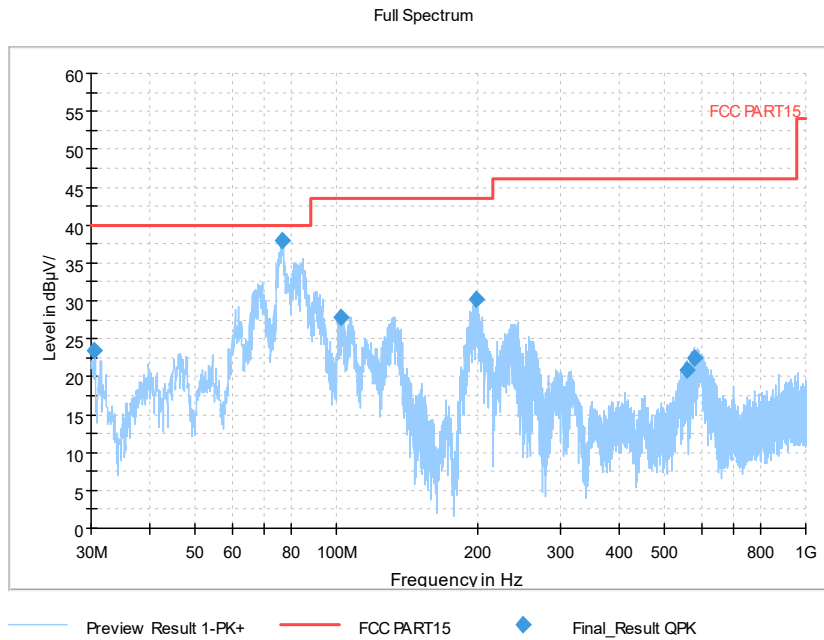
Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.9955	22.37	-12.5	34.87	Vertical	40

81.969	35.36	-22.7	58.06	Vertical	40
136.62	28.06	-22	50.06	Vertical	43.5
201.7785	29.01	-22.2	51.21	Vertical	43.5
555.078	20.71	-10.5	31.21	Vertical	46
593.513	22.35	-9.7	32.05	Vertical	46

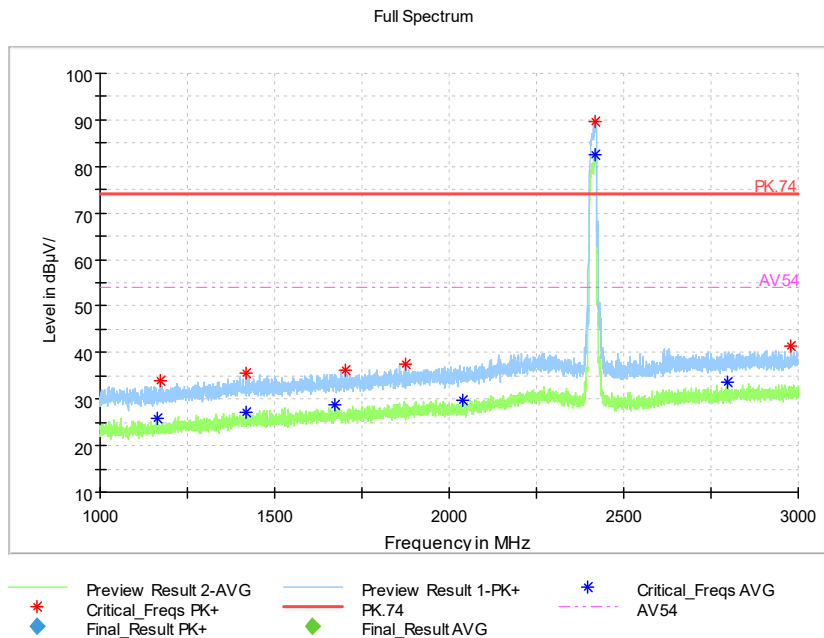
For 802.11ax(HE40) Channel No.:9

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.4135	21.68	-12.2	33.88	Vertical	40
84.685	34.91	-22.6	57.51	Vertical	40
107.2375	27.53	-21.1	48.63	Vertical	43.5
132.9655	23.81	-21.6	45.41	Vertical	43.5
142.497	24.17	-22.3	46.47	Vertical	43.5
198.215	26.17	-22.3	48.47	Vertical	43.5

Carrier frequency (MHz): 2412
Channel No.:1

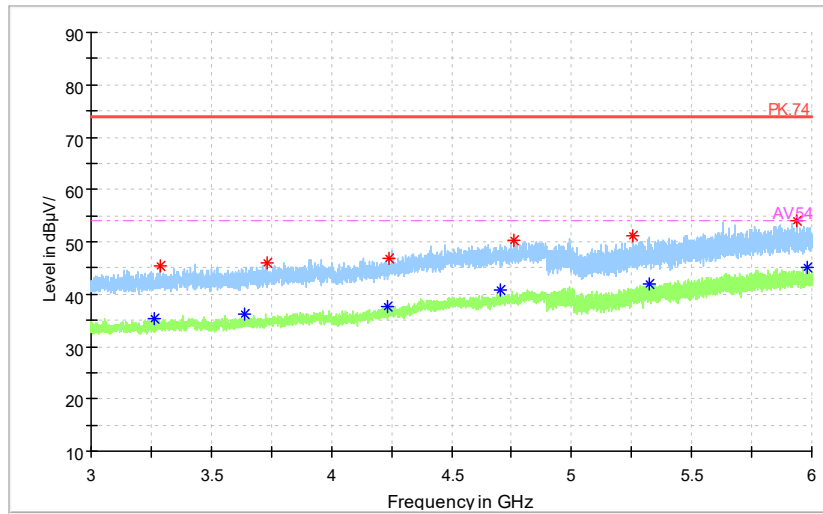


Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



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

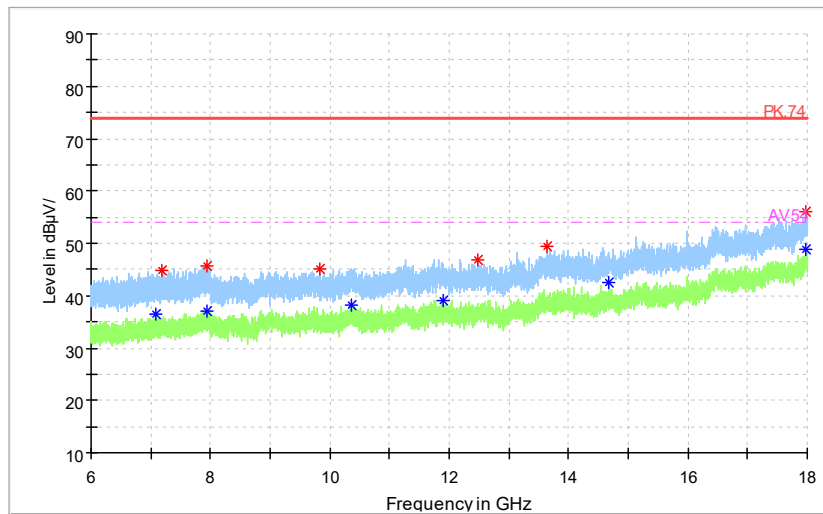
Full Spectrum



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

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

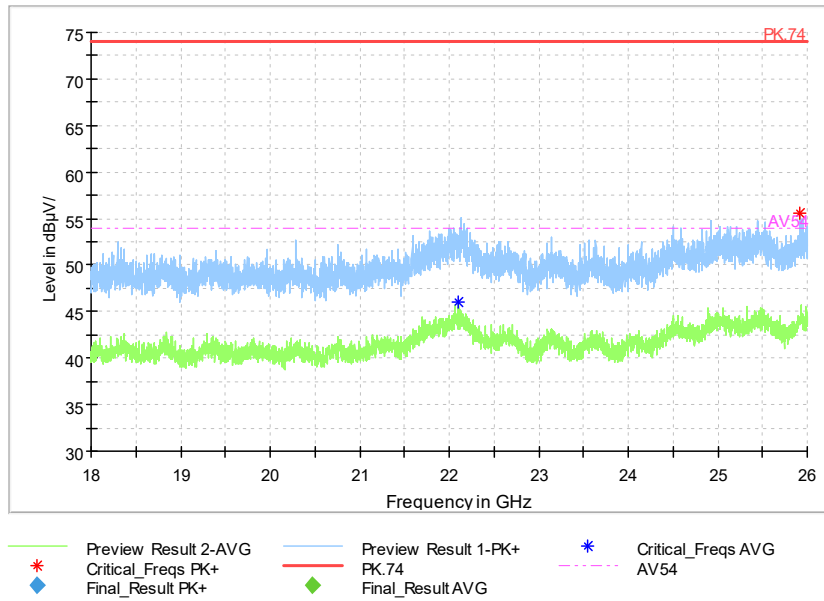
Full Spectrum



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

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

Full Spectrum



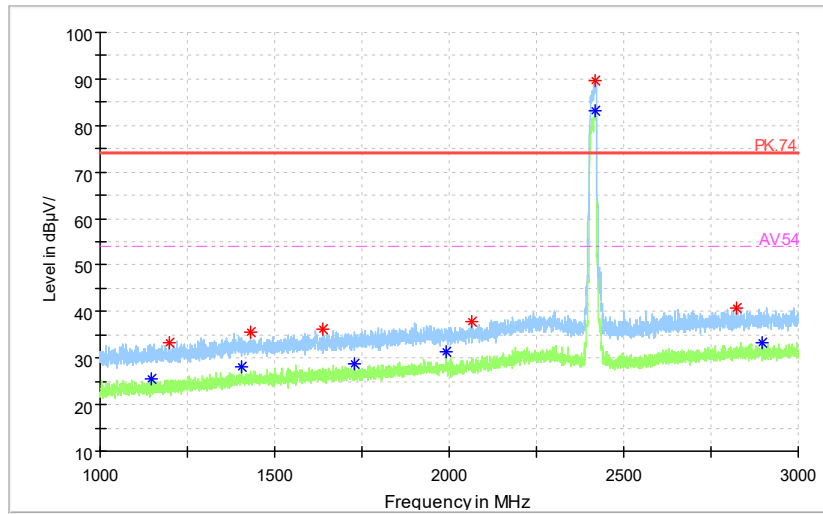
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

Full Spectrum



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

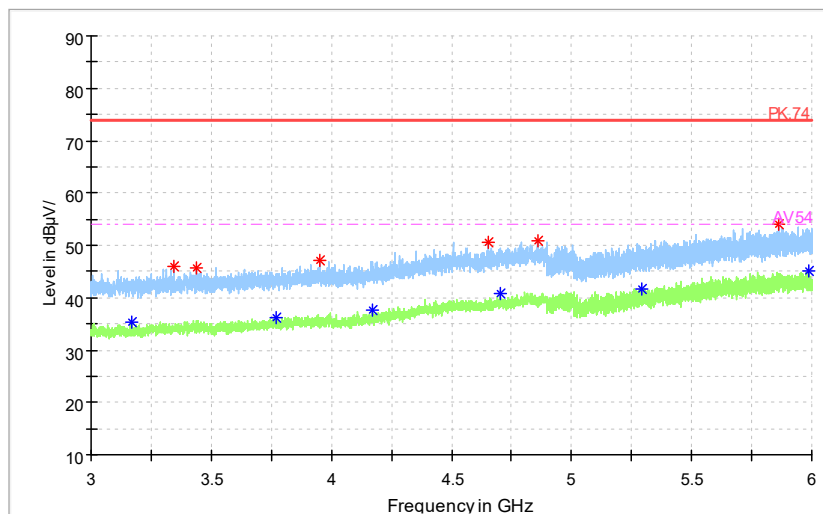
Full Spectrum



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

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

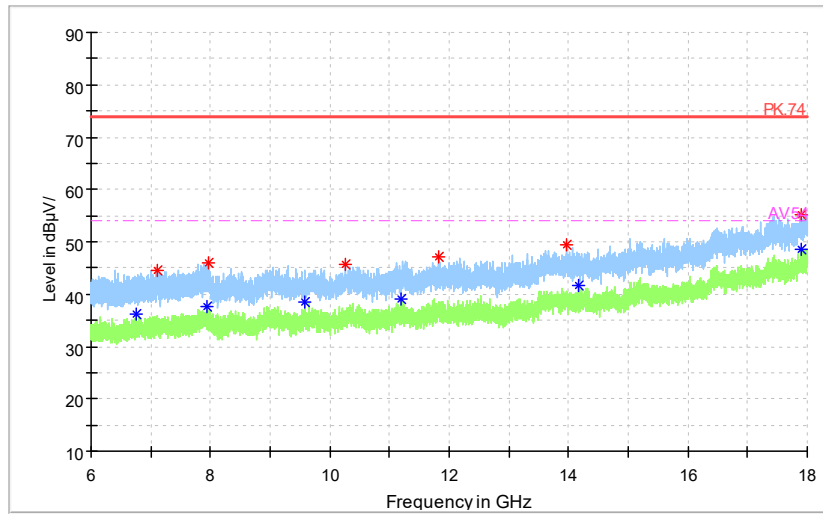
Full Spectrum



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

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

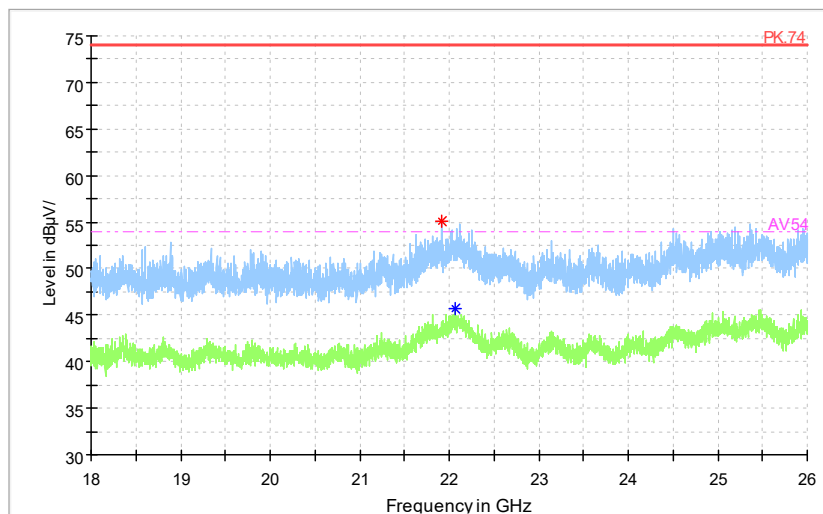
Full Spectrum



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

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

Full Spectrum



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

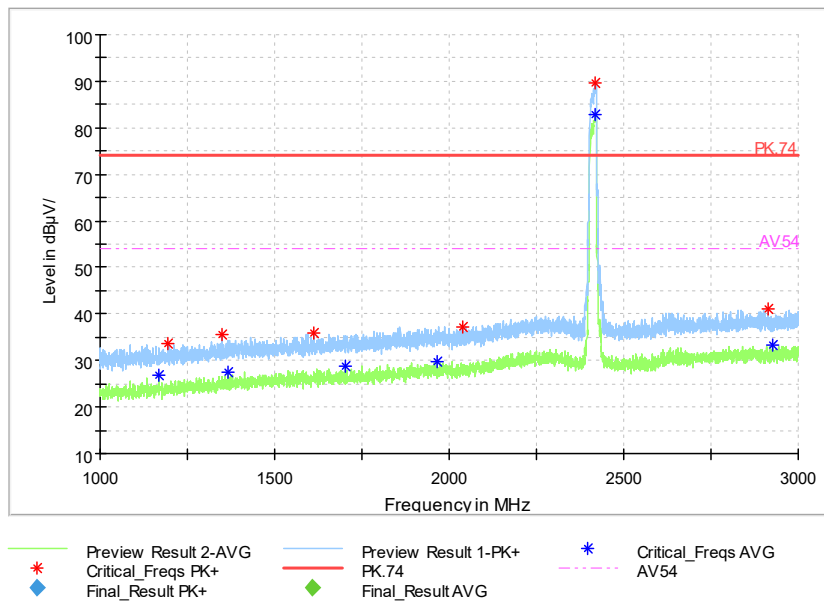
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

Full Spectrum



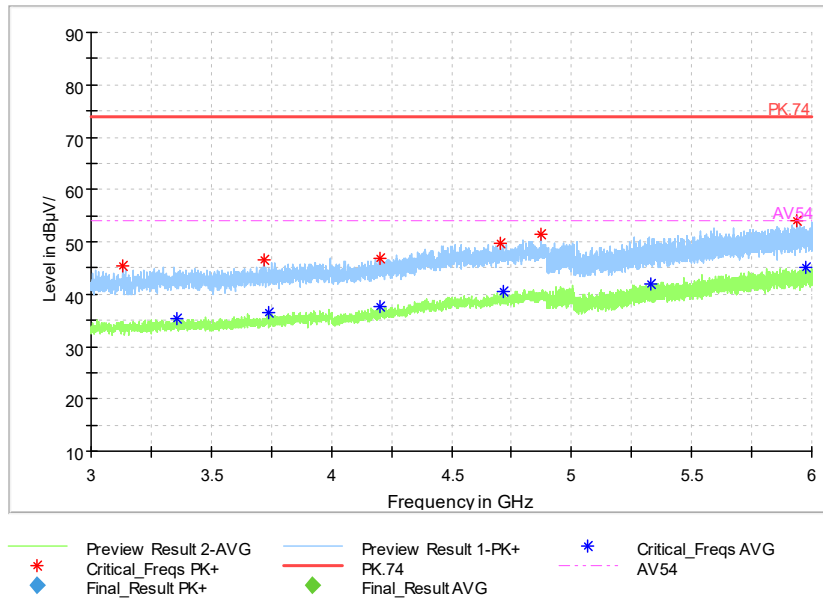
Frequency Range: 30MHz -1GHz
 Detector: QP mode
 Test Mode: 802.11n(HT20)

Full Spectrum



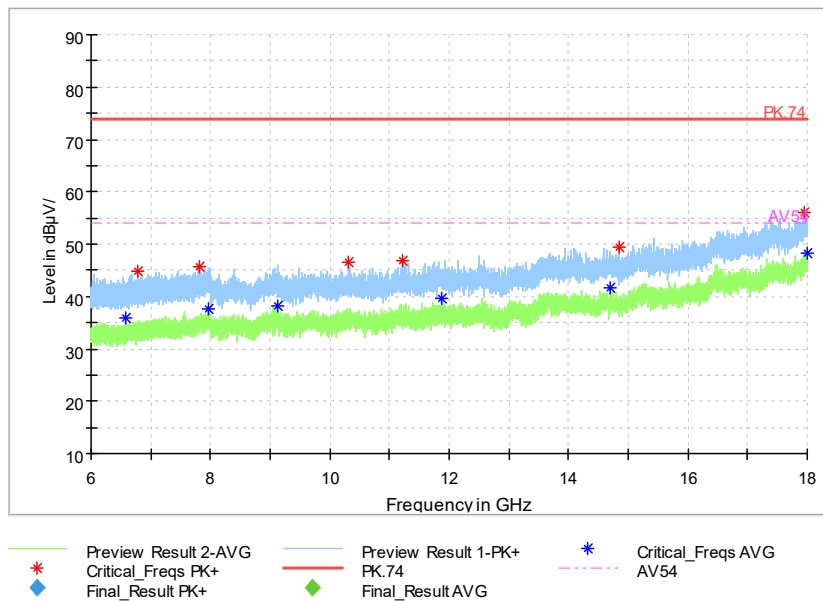
Frequency Range: 1GHz -3GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11n(HT20)

Full Spectrum



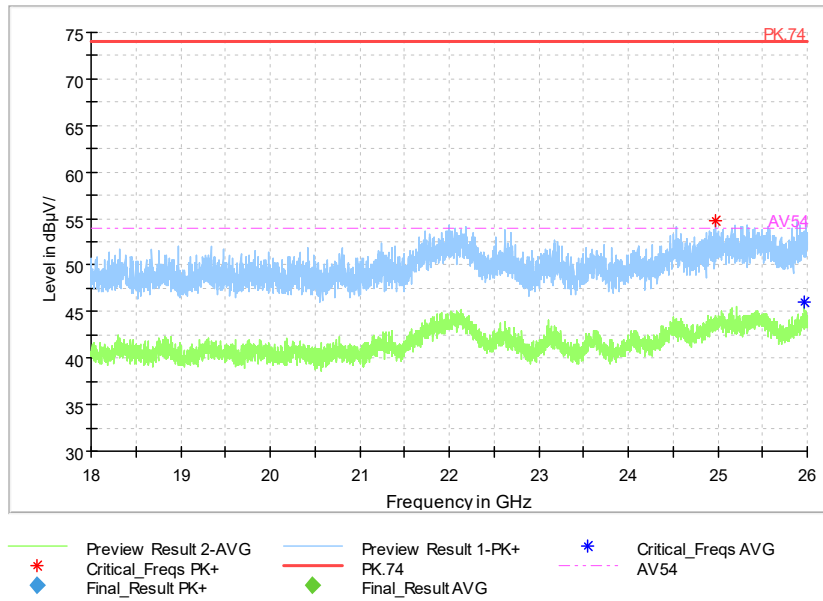
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

Full Spectrum



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

Full Spectrum



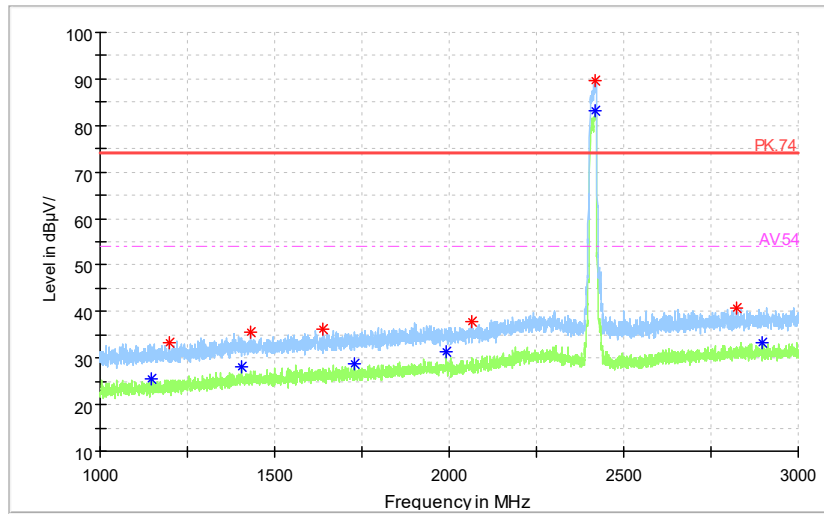
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11ax(HE20)

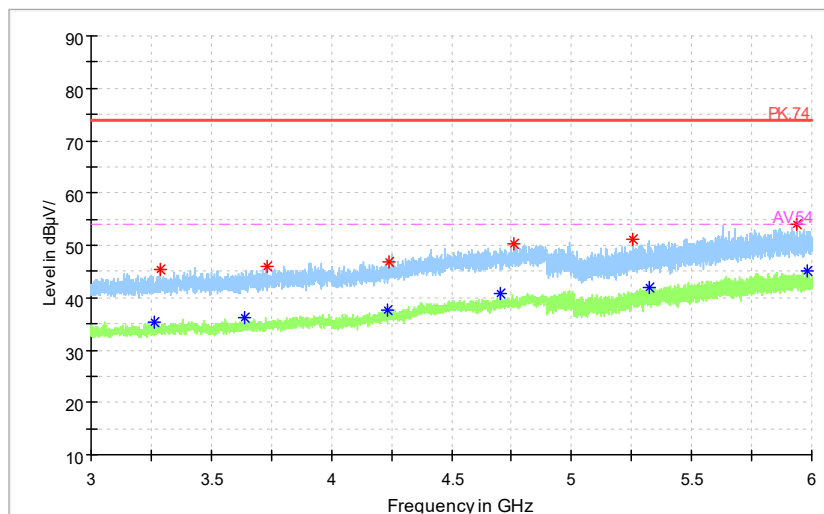
Full Spectrum



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

Frequency Range: 1GHz -3GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11ax(HE20)

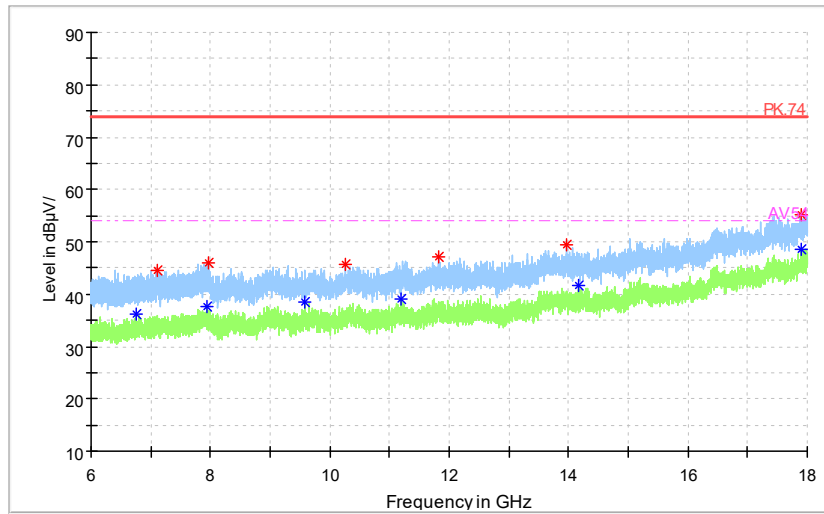
Full Spectrum



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

Frequency Range: 3GHz -6GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11ax(HE20)

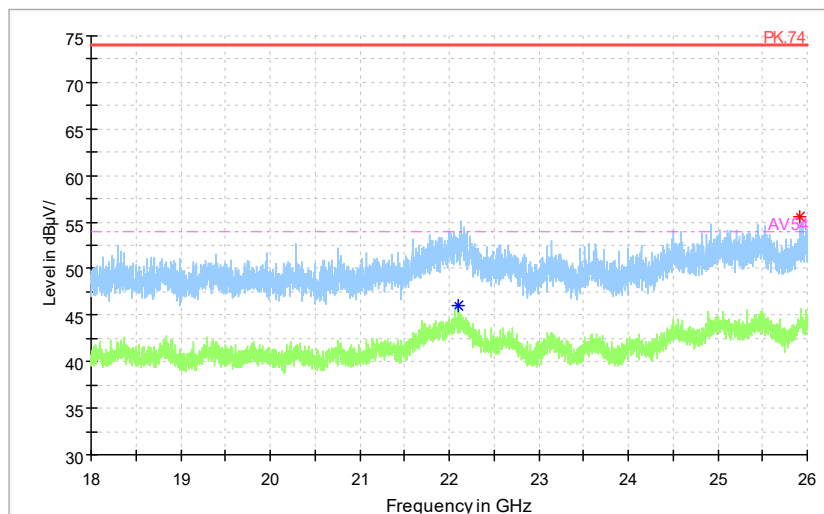
Full Spectrum



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

Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax(HE20)

Full Spectrum

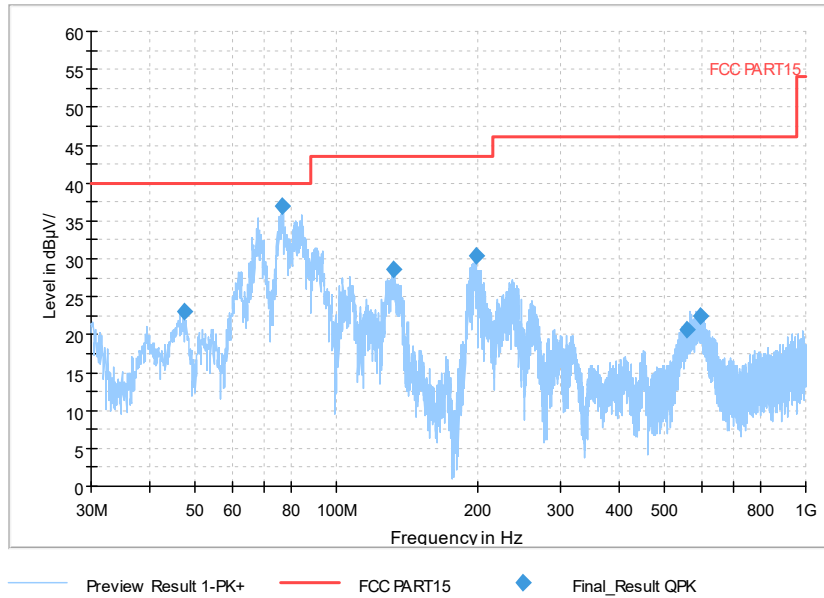


◆ Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 - - - AV54
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax(HE20)

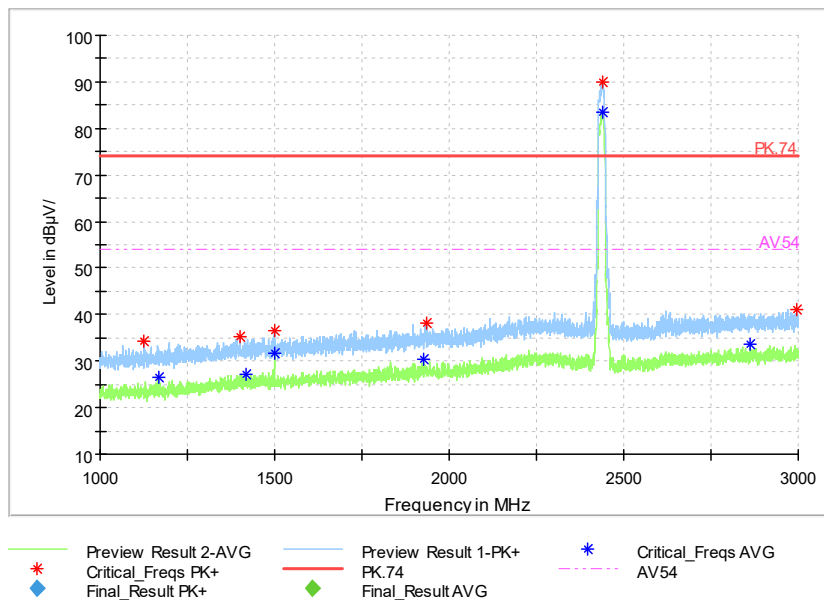
Carrier frequency (MHz): 2437
Channel No.:6

Full Spectrum



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

Full Spectrum



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