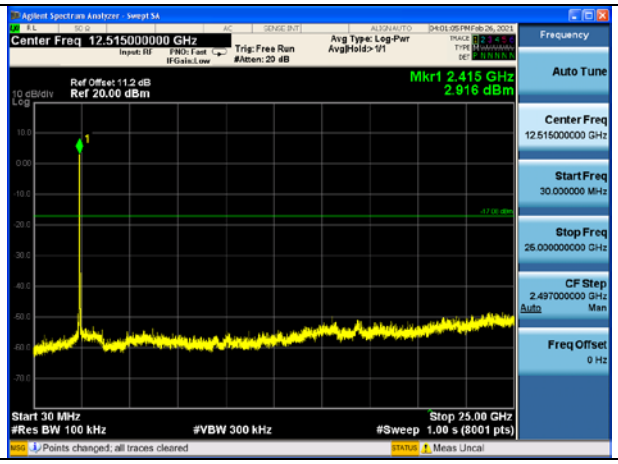
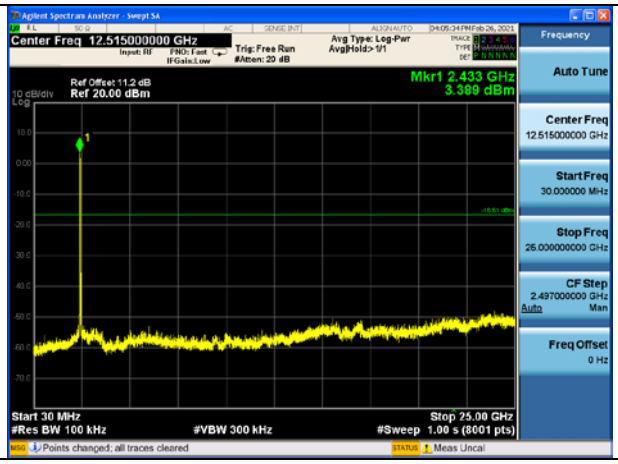
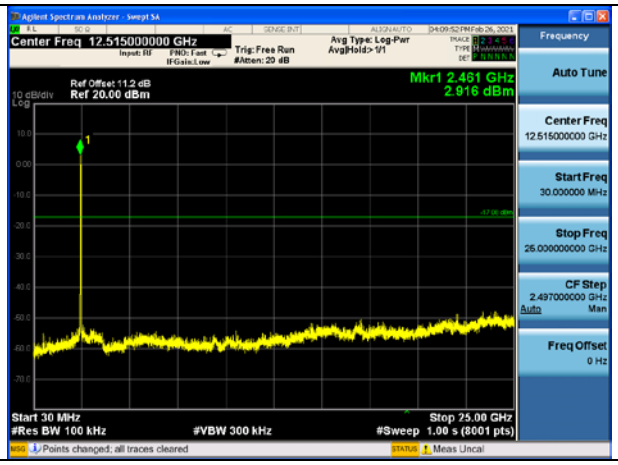
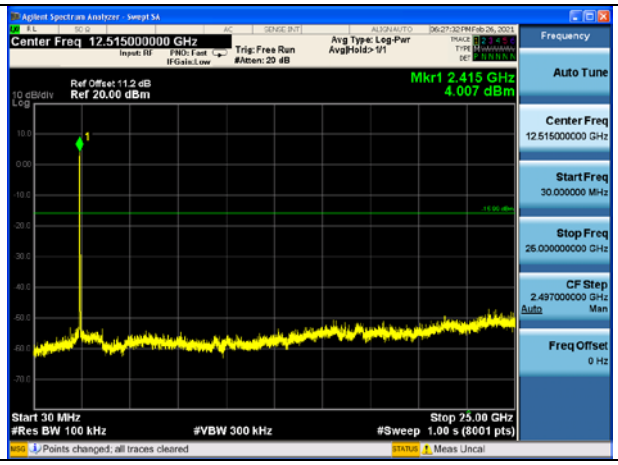
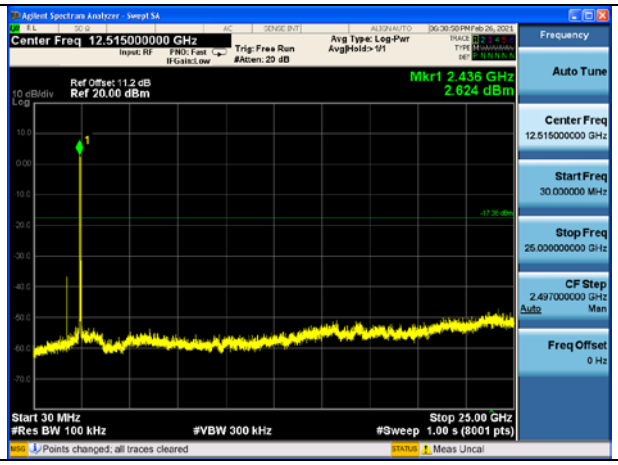
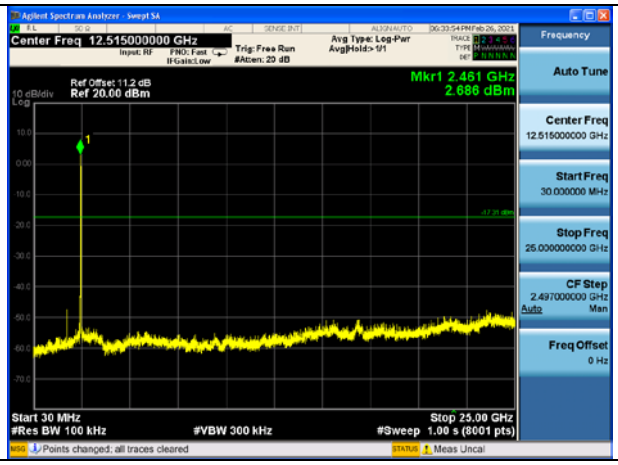
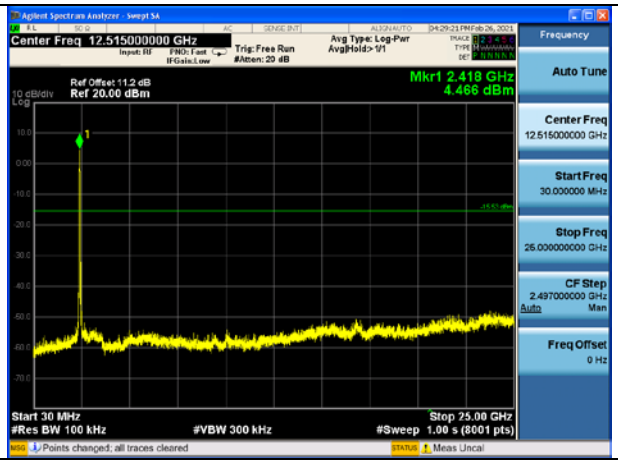
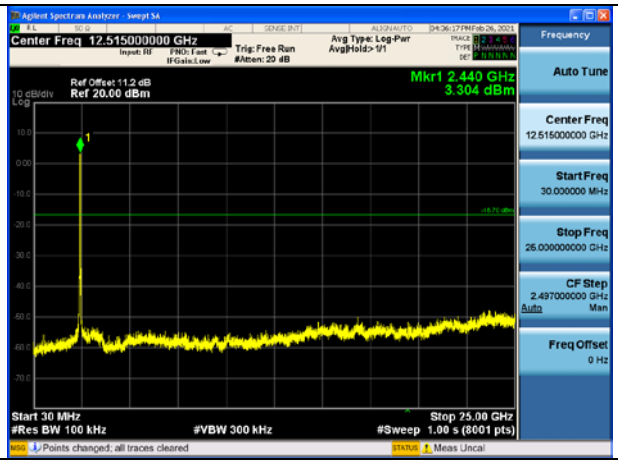
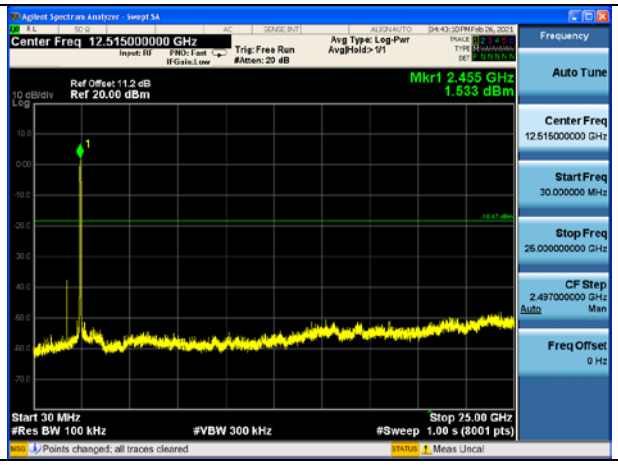
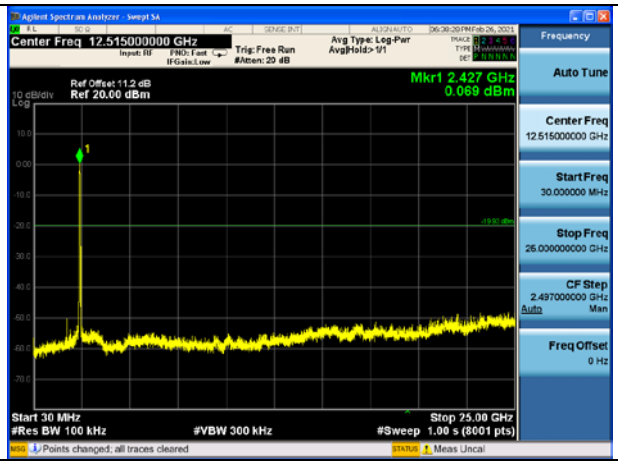
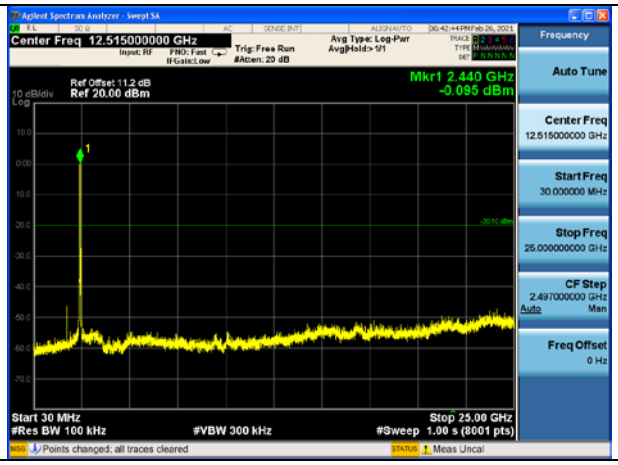
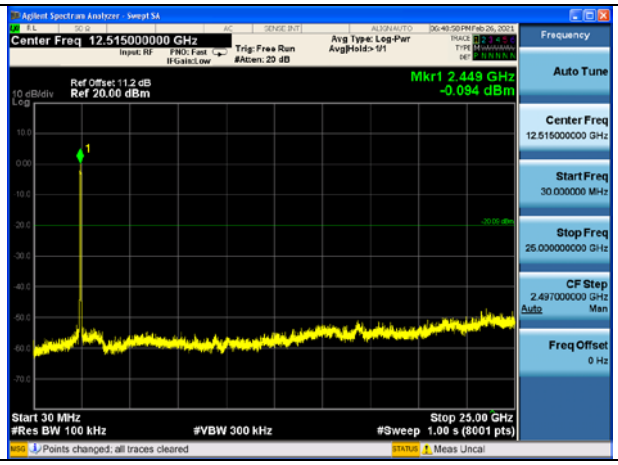
Test Mode:802. 11n HT20

Test Mode:802. 11n HT20 Chain0 CH1	Test Mode:802. 11n HT20 Chain0 CH6
	
Test Mode:802. 11n HT20 Chain0 CH11	**Test Mode:802. 11n HT20 Chain1 CH1**
	
Test Mode:802. 11n HT20 Chain1 CH6	**Test Mode:802. 11n HT20 Chain1 CH11**
	

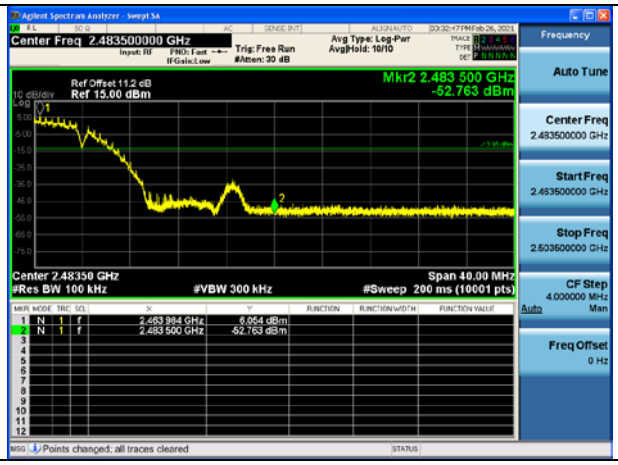
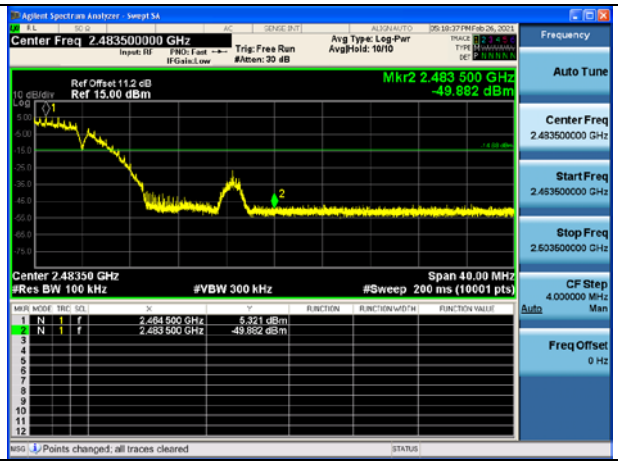
Test Mode:802. 11n HT40

Test Mode:802. 11n HT40 Chain0 CH3	Test Mode:802. 11n HT40 Chain0 CH6
	
Test Mode:802. 11n HT40 Chain0 CH9	**Test Mode:802. 11n HT40 Chain1 CH3**
	
Test Mode:802. 11n HT40 Chain1 CH6	**Test Mode:802. 11n HT40 Chain1 CH9**
	

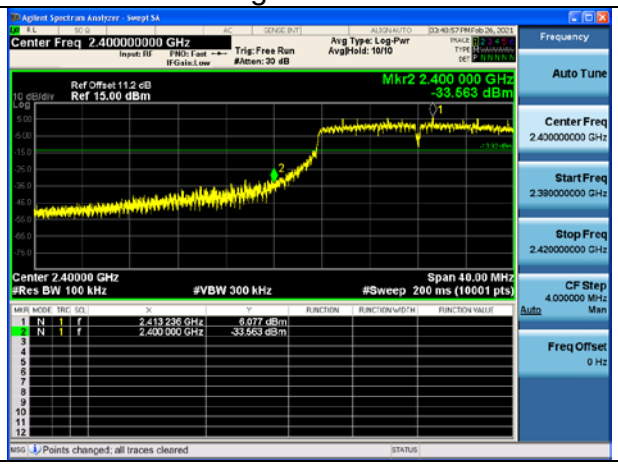
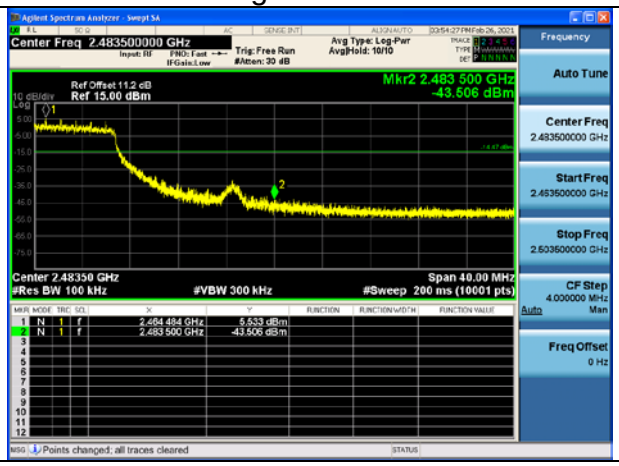
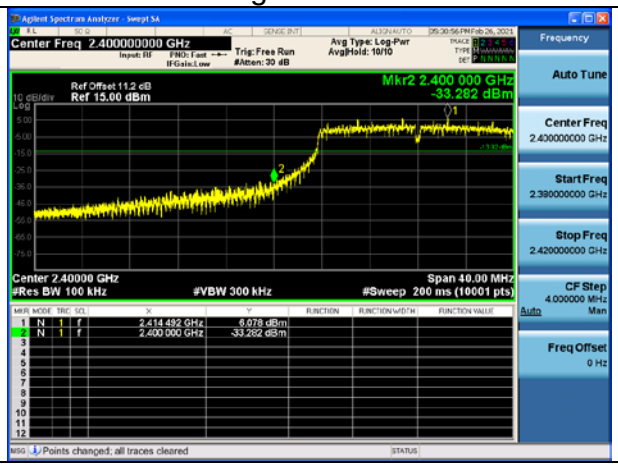
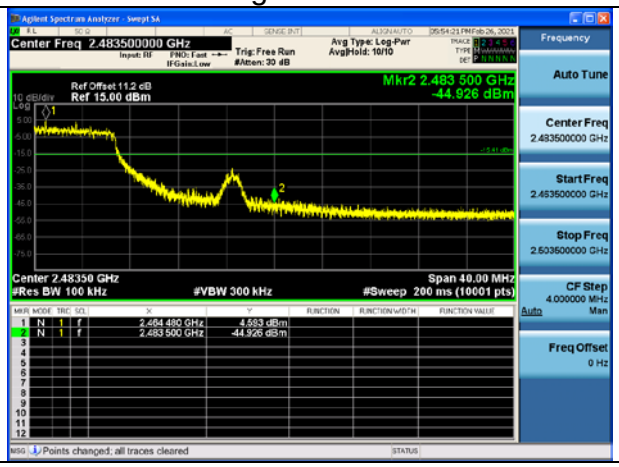
Band edge measurement (RF Conducted measurement)

Offset 11.2dB = Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1.0dB

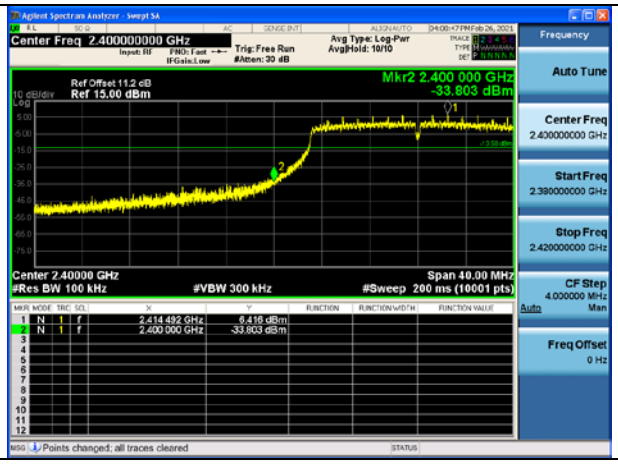
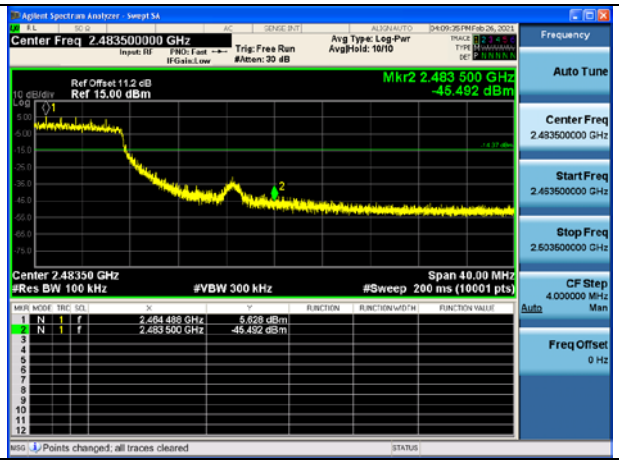
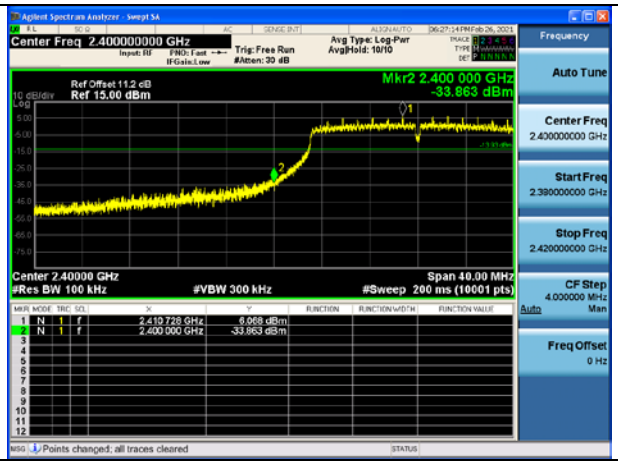
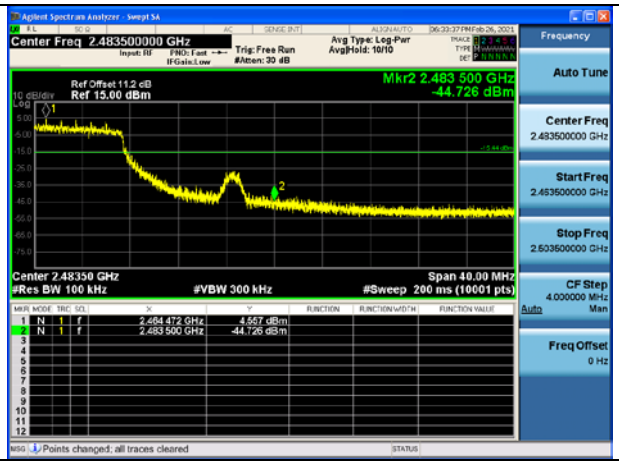
Test Mode:802.11b

Test Mode:802.11b Chain0 CH1	Test Mode:802.11b Chain0 CH11
	
Test Mode:802.11b Chain1 CH1	**Test Mode:802.11b Chain1 CH11**
	

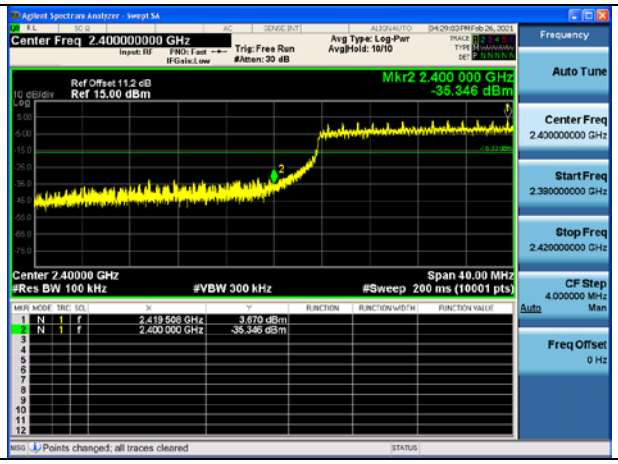
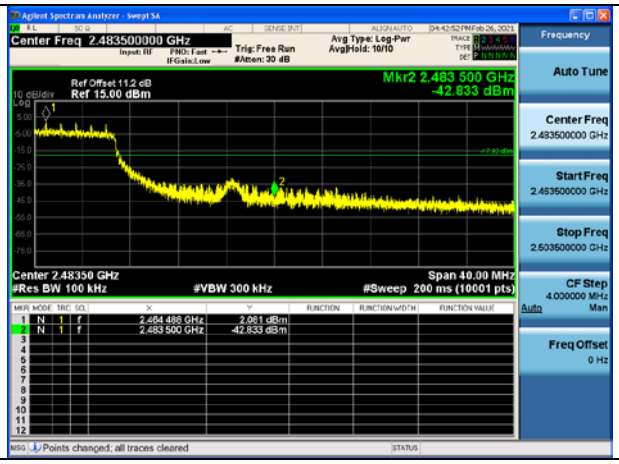
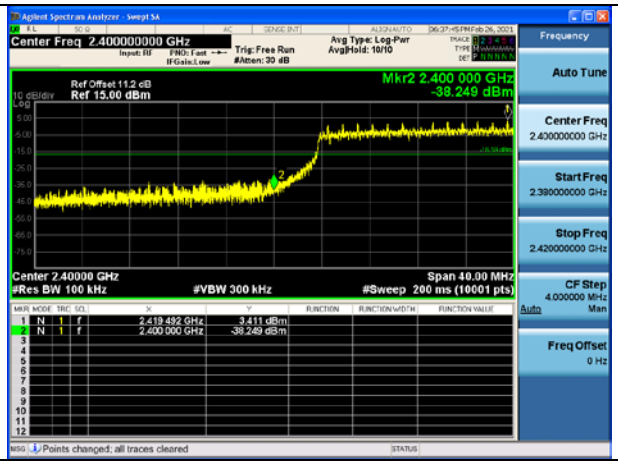
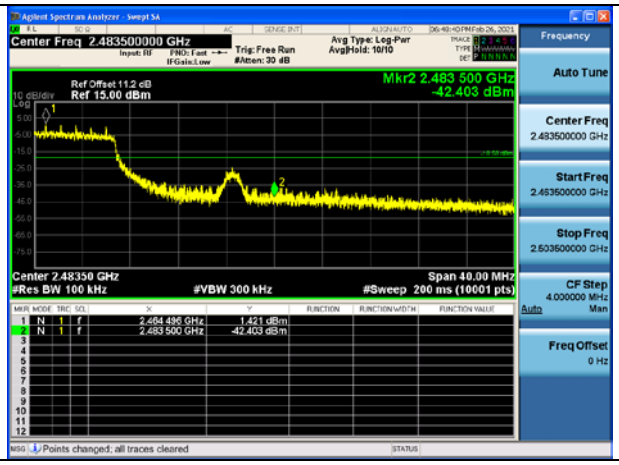
Test Mode:802.11g

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**
	

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: (86.09 dBuV/m) = (52.09 dBμV) + (8.90 dB) + (25.10 dB), the corresponding frequency is 2412MHz.
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	88.81	54.81	N/A	N/A	8.90	25.10
2	2390	28.32	-5.68	-45.68	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	86.21	52.21	N/A	N/A	8.90	25.10
2	2390	29.01	-4.99	-44.99	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	83.34	49.34	N/A	N/A	8.90	25.10
2	2390	23.53	-10.47	-30.47	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	80.47	46.47	N/A	N/A	8.90	25.10
2	2390	23.47	-10.53	-30.53	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	88.59	54.59	N/A	N/A	8.90	25.10
2	2483.5	27.64	-6.36	-46.36	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	85.78	51.78	N/A	N/A	8.90	25.10
2	2483.5	27.11	-6.89	-46.89	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	83.75	49.75	N/A	N/A	8.90	25.10
2	2483.5	23.34	-10.66	-30.66	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	81.04	47.04	N/A	N/A	8.90	25.10
2	2483.5	22.92	-11.08	-31.08	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	89.07	55.07	N/A	N/A	8.90	25.10
2	2390	27.86	-6.14	-46.14	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	86.44	52.44	N/A	N/A	8.90	25.10
2	2390	27.31	-6.69	-46.69	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	84.22	50.22	N/A	N/A	8.90	25.10
2	2390	22.92	-11.08	-31.08	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	81.53	47.53	N/A	N/A	8.90	25.10
2	2390	23.60	-10.40	-30.40	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	88.11	54.11	N/A	N/A	8.90	25.10
2	2483.5	28.26	-5.74	-45.74	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	85.55	51.55	N/A	N/A	8.90	25.10
2	2483.5	29.20	-4.80	-44.80	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	83.21	49.21	N/A	N/A	8.90	25.10
2	2483.5	23.14	-10.86	-30.86	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	80.96	46.96	N/A	N/A	8.90	25.10
2	2483.5	22.15	-11.85	-31.85	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	89.98	55.98	N/A	N/A	8.90	25.10
2	2390	28.14	-5.86	-45.86	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	87.87	53.87	N/A	N/A	8.90	25.10
2	2390	27.45	-6.55	-46.55	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	83.06	49.06	N/A	N/A	8.90	25.10
2	2390	22.97	-11.03	-31.03	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	80.54	46.54	N/A	N/A	8.90	25.10
2	2390	23.53	-10.47	-30.47	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	88.98	54.98	N/A	N/A	8.90	25.10
2	2483.5	27.30	-6.70	-46.70	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	86.62	52.62	N/A	N/A	8.90	25.10
2	2483.5	26.70	-7.30	-47.30	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	83.04	49.04	N/A	N/A	8.90	25.10
2	2483.5	23.73	-10.27	-30.27	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	80.65	46.65	N/A	N/A	8.90	25.10
2	2483.5	24.66	-9.34	-29.34	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	88.52	54.52	N/A	N/A	8.90	25.10
2	2390	28.56	-5.44	-45.44	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	86.27	52.27	N/A	N/A	8.90	25.10
2	2390	27.71	-6.29	-46.29	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	84.23	50.23	N/A	N/A	8.90	25.10
2	2390	23.64	-10.36	-30.36	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	82.09	48.09	N/A	N/A	8.90	25.10
2	2390	23.77	-10.23	-30.23	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	88.21	54.21	N/A	N/A	8.90	25.10
2	2483.5	28.89	-5.11	-45.11	74.00	8.90	25.10

Carrier frequency (MHz): 2452
Channel No.:9
Test Mode: 802.11n(HT40)
Polarity:Horizontal
Detector: Peak

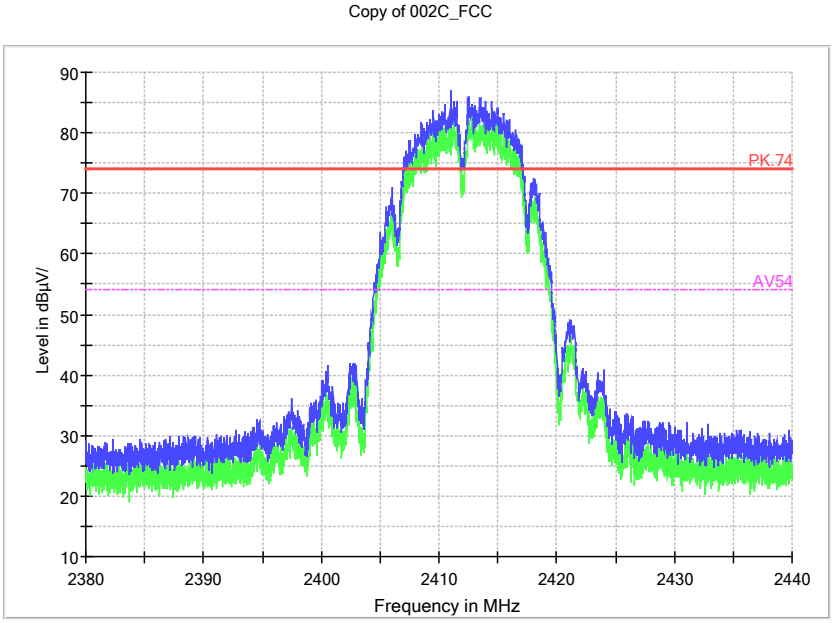
No	Frequency （MHz）	Measure Level （dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuv/m)	cable loss (dB)	antenna factor (dB)
1	2462	86.16	52.16	N/A	N/A	8.90	25.10
2	2483.5	27.53	-6.47	-46.47	74.00	8.90	25.10

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	83.82	49.82	N/A	N/A	8.90	25.10
2	2483.5	22.09	-11.91	-31.91	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	80.82	46.82	N/A	N/A	8.90	25.10
2	2483.5	21.40	-12.60	-32.60	54.00	8.90	25.10



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:
Result= P_{mea} + A_{Rpl}
Sample calculation: (15.26 dBμV/m) = (35.86 dBμV) + (-20.6 dB/m), the corresponding frequency is 43.677MHz.

For 802.11b Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
45.414	7.24	-17.9	25.14	Vertical	40
59.228	6.47	-18.7	25.17	Vertical	40
100.6555	5.45	-19.2	24.65	Vertical	43.5
300.0195	15.38	-16.1	31.48	Vertical	46
521.85	13.48	-10.1	23.58	Vertical	46
918.044	19.29	-2.9	22.19	Vertical	46

For 802.11g Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
51.326	7.44	-17.7	25.14	Vertical	40
58.0905	6.44	-18.6	25.04	Vertical	40
100.687	5.41	-19.2	24.61	Vertical	43.5
300.0195	15.32	-16.1	31.42	Vertical	46
539.9975	16.87	-9.5	26.37	Vertical	46
950.4845	19.44	-2.6	22.04	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
44.941	7.41	-17.9	25.31	Vertical	40
60.449	5.19	-19	24.19	Vertical	40
100.162	5.57	-19.2	24.77	Vertical	43.5
300.0195	15.31	-16.1	31.41	Vertical	46
542.591	13.88	-9.4	23.28	Vertical	46
938.9295	19.66	-2.7	22.36	Vertical	46

For 802.11b Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
45.1605	7.32	-17.9	25.22	Vertical	40
59.0425	6.52	-18.7	25.22	Vertical	40
150.009	5.7	-22.3	28	Vertical	43.5
300.0195	15.31	-16.1	31.41	Vertical	46
420.0085	15.62	-12.4	28.02	Vertical	46
945.649	19.58	-2.6	22.18	Vertical	46

For 802.11g Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
50.6215	7.16	-17.6	24.76	Vertical	40
59.308	6.32	-18.7	25.02	Vertical	40
99.957	5.57	-19.2	24.77	Vertical	43.5
300.0195	15.34	-16.1	31.44	Vertical	46
549.7035	13.84	-9.3	23.14	Vertical	46
928.52	19.36	-2.8	22.16	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
51.6485	7.35	-17.7	25.05	Vertical	40
58.099	6.37	-18.6	24.97	Vertical	40
99.752	5.45	-19.2	24.65	Vertical	43.5
300.0195	15.31	-16.1	31.41	Vertical	46
539.9975	16.89	-9.5	26.39	Vertical	46
890.153	18.47	-3.4	21.87	Vertical	46

For 802.11b Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
46.467	6.53	-17.8	24.33	Vertical	40
57.6365	6.15	-18.5	24.65	Vertical	40
100.0995	5.45	-19.2	24.65	Vertical	43.5
299.9995	15.5	-16.1	31.6	Vertical	46
543.518	13.86	-9.4	23.26	Vertical	46
957.8305	19.38	-2.5	21.88	Vertical	46

For 802.11g Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
44.8725	7.33	-17.9	25.23	Vertical	40
58.2755	6.45	-18.6	25.05	Vertical	40
108.547	3.97	-20.1	24.07	Vertical	43.5
299.9995	15.54	-16.1	31.64	Vertical	46
529.978	13.78	-9.8	23.58	Vertical	46
938.776	19.64	-2.7	22.34	Vertical	46

For 802.11n(HT20 MIMO) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
52.578	7.07	-17.9	24.97	Vertical	40
57.571	6.13	-18.5	24.63	Vertical	40
106.6045	4.67	-19.9	24.57	Vertical	43.5
299.991	15.3	-16.1	31.4	Vertical	46
540.0175	17.04	-9.5	26.54	Vertical	46
841.8585	17.52	-4.2	21.72	Vertical	46

For 802.11n(HT40 MIMO) Channel No.:3

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
51.705	7.42	-17.7	25.12	Vertical	40
59.5935	6.12	-18.8	24.92	Vertical	40
100.1395	5.44	-19.2	24.64	Vertical	43.5
299.991	15.32	-16.1	31.42	Vertical	46
546.1855	13.44	-9.4	22.84	Vertical	46
924.557	19.29	-2.8	22.09	Vertical	46

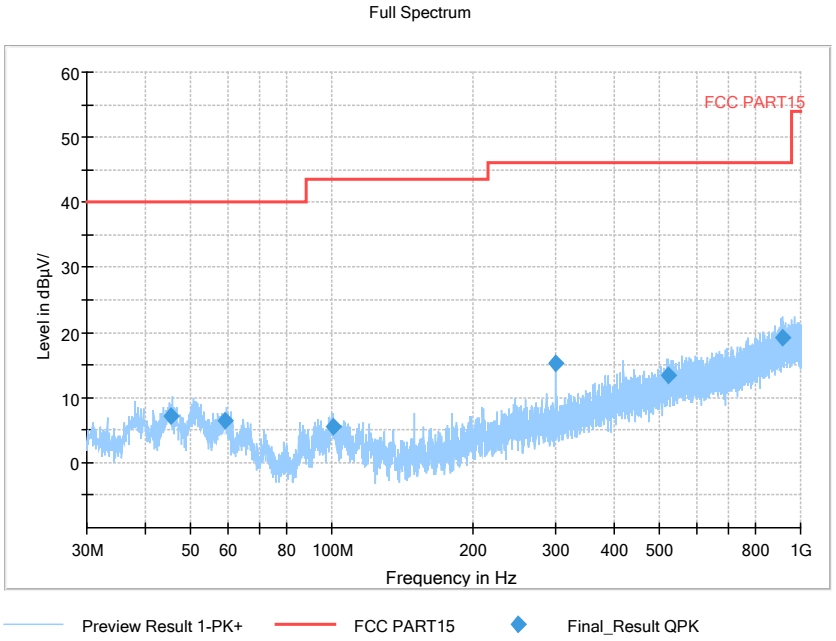
For 802.11n(HT40 MIMO) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
44.67	7.3	-18	25.3	Vertical	40
58.6865	6.55	-18.7	25.25	Vertical	40
99.6775	5.44	-19.2	24.64	Vertical	43.5
299.9995	15.55	-16.1	31.65	Vertical	46
545.047	13.68	-9.4	23.08	Vertical	46
865.193	17.78	-3.8	21.58	Vertical	46

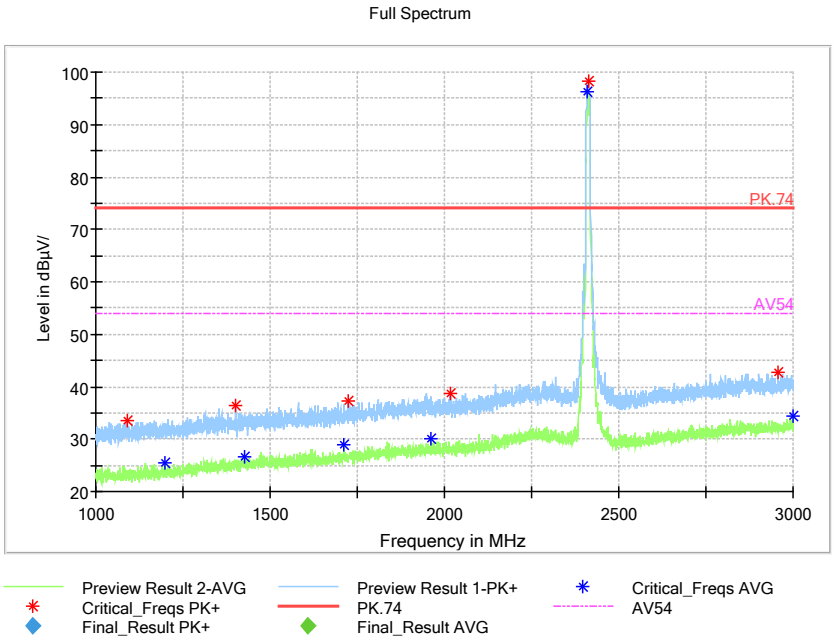
For 802.11n(HT40 MIMO) Channel No.:9

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
45.132	7.29	-17.9	25.19	Vertical	40
58.364	6.53	-18.6	25.13	Vertical	40
107.286	4.73	-19.9	24.63	Vertical	43.5
299.991	15.29	-16.1	31.39	Vertical	46
540.0175	17.05	-9.5	26.55	Vertical	46
936.585	19.49	-2.7	22.19	Vertical	46

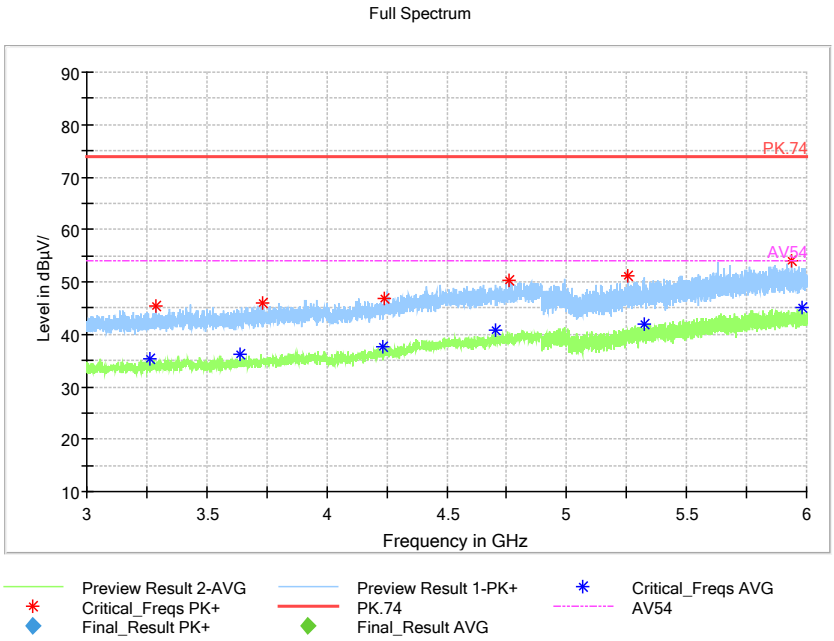
Carrier frequency (MHz): 2412
Channel No.:1



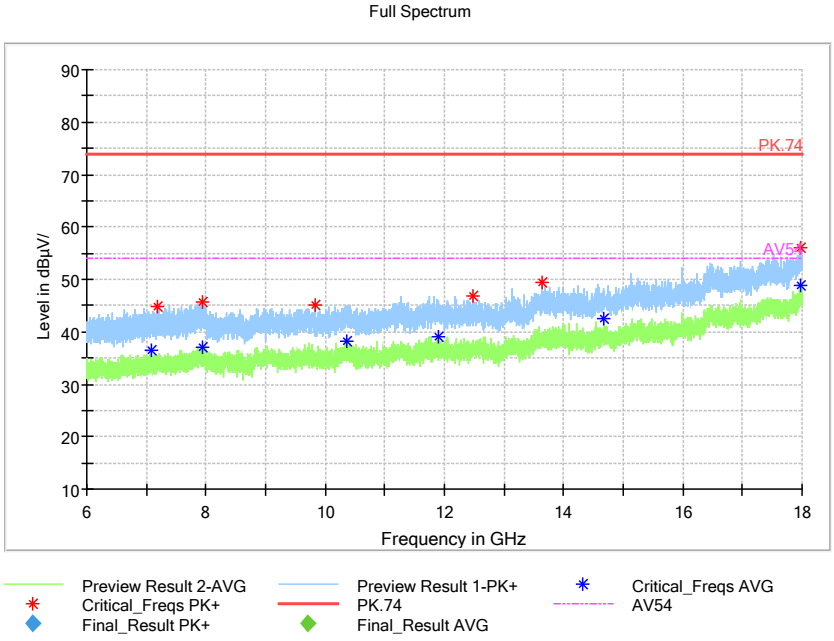
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



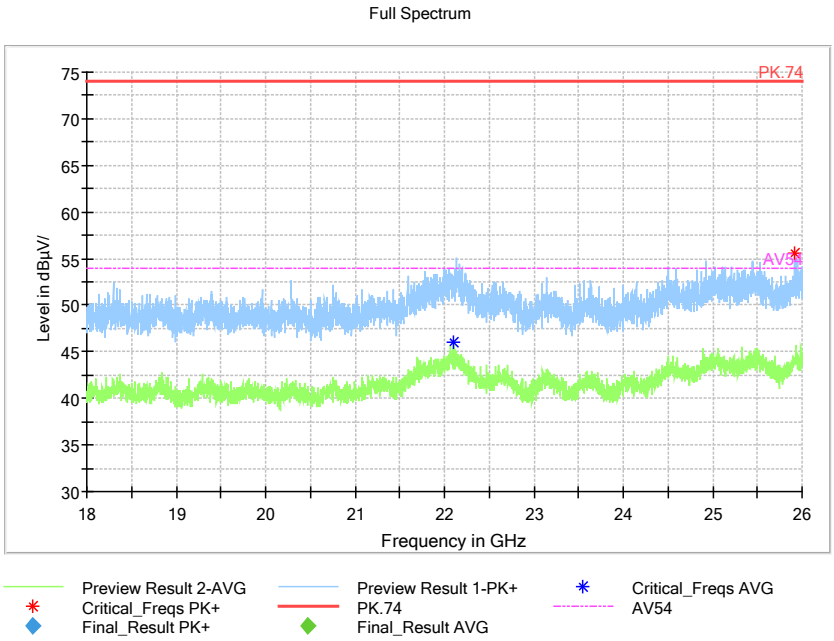
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



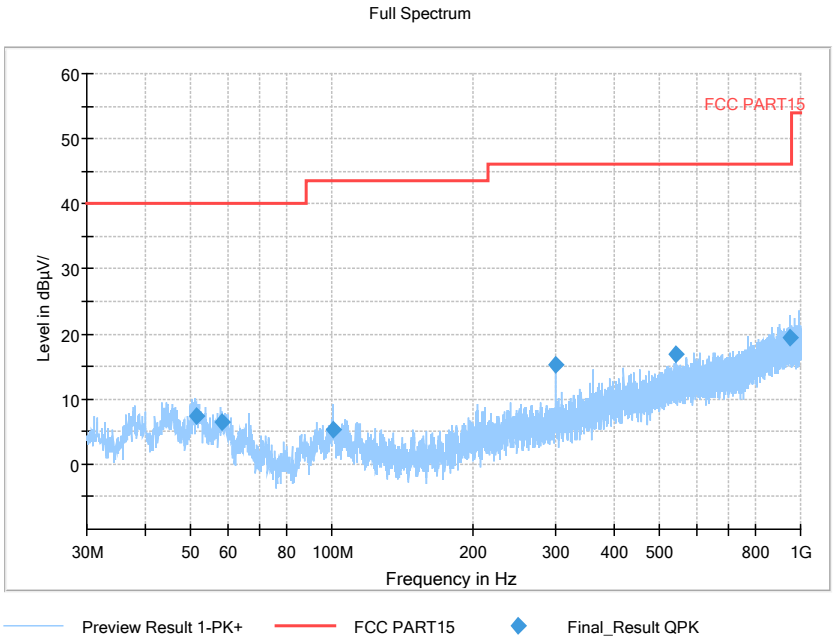
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



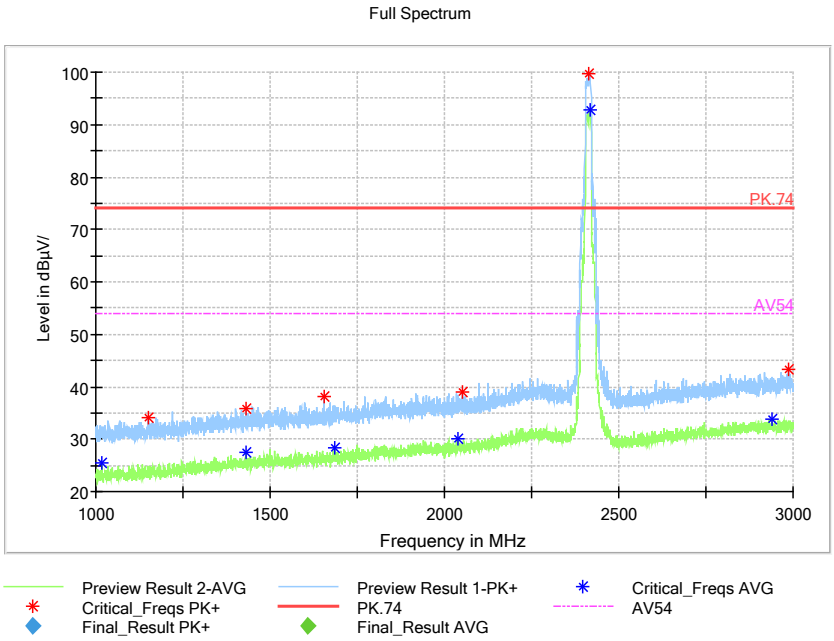
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



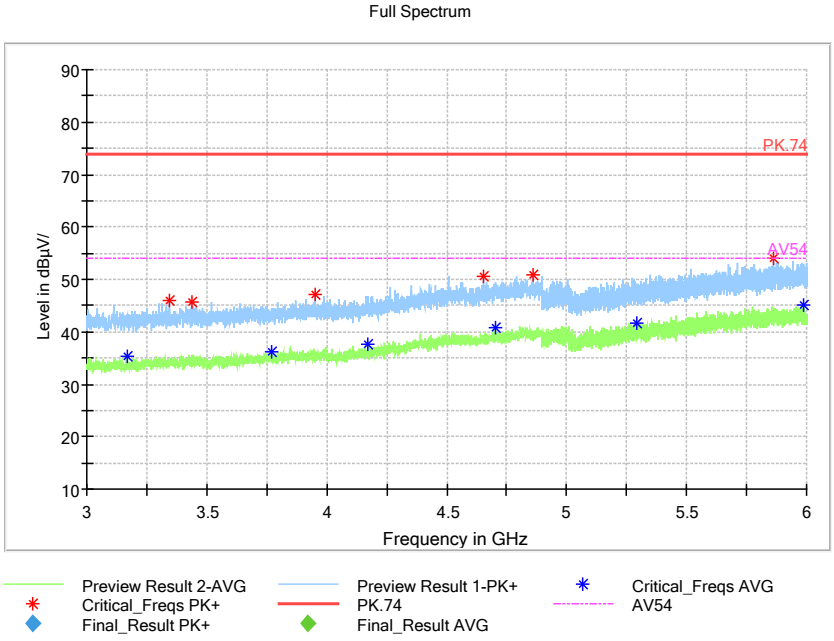
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



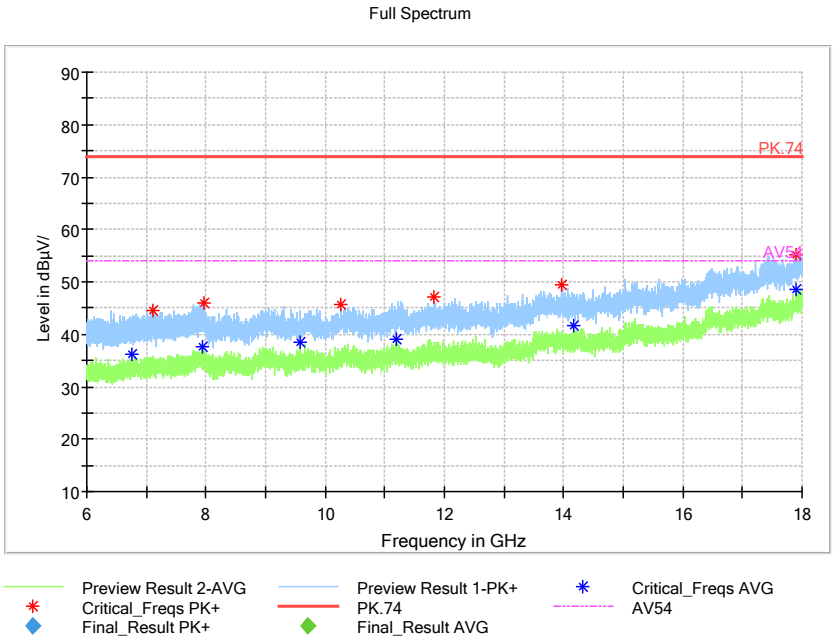
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11g



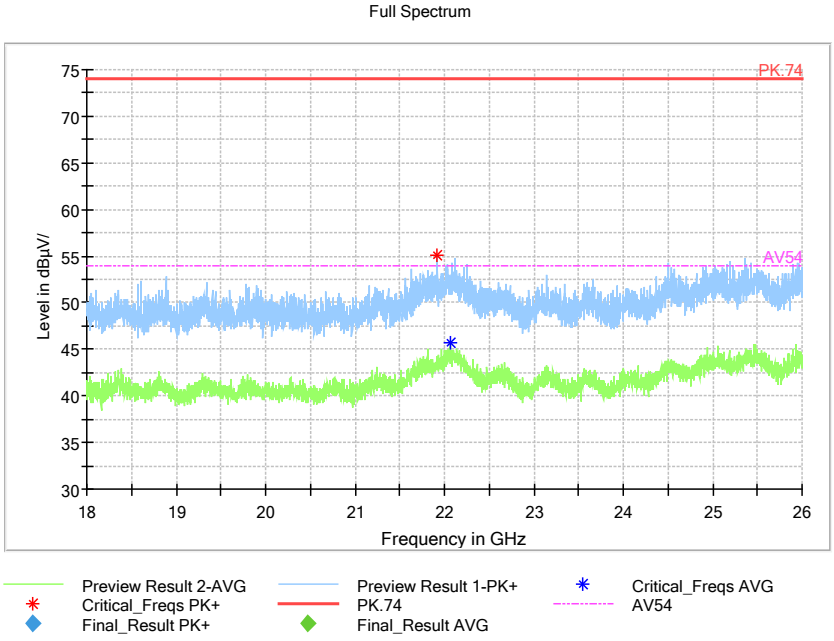
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



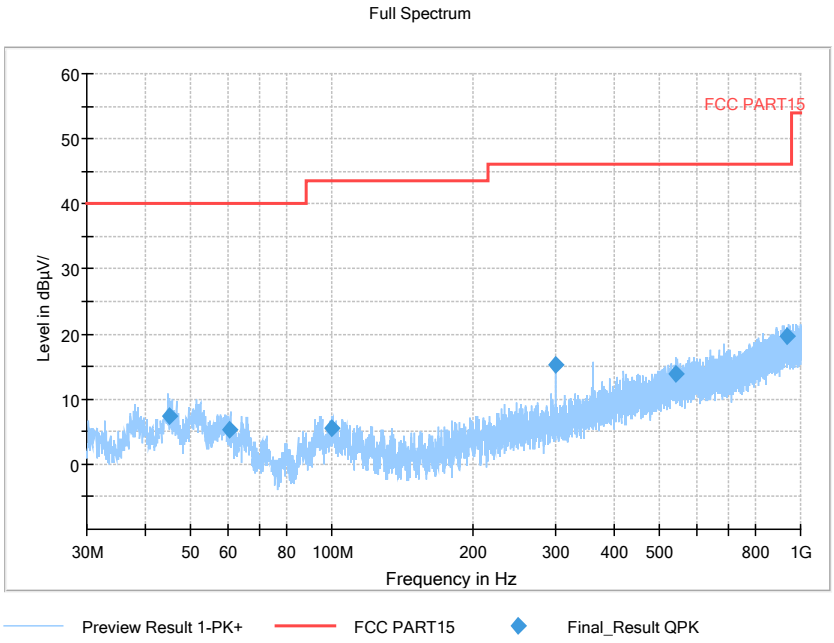
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



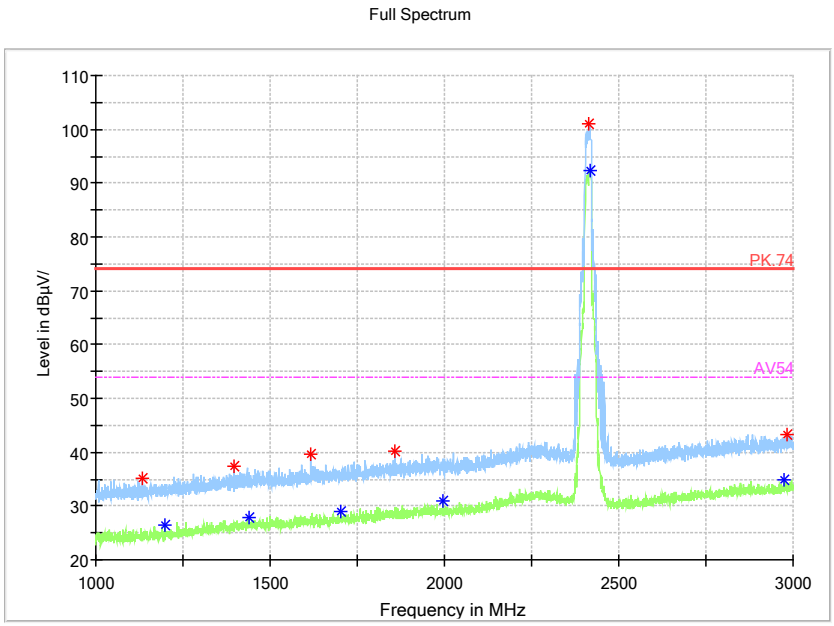
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



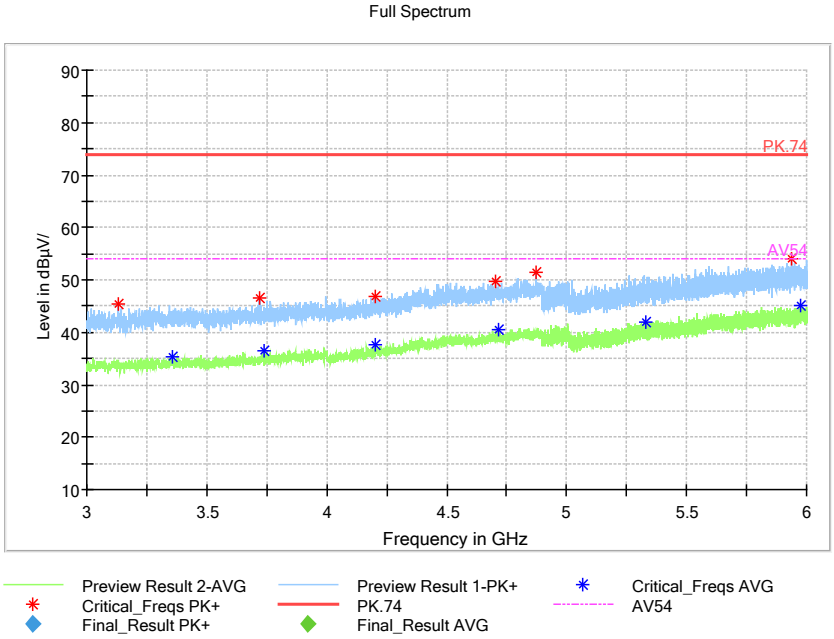
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



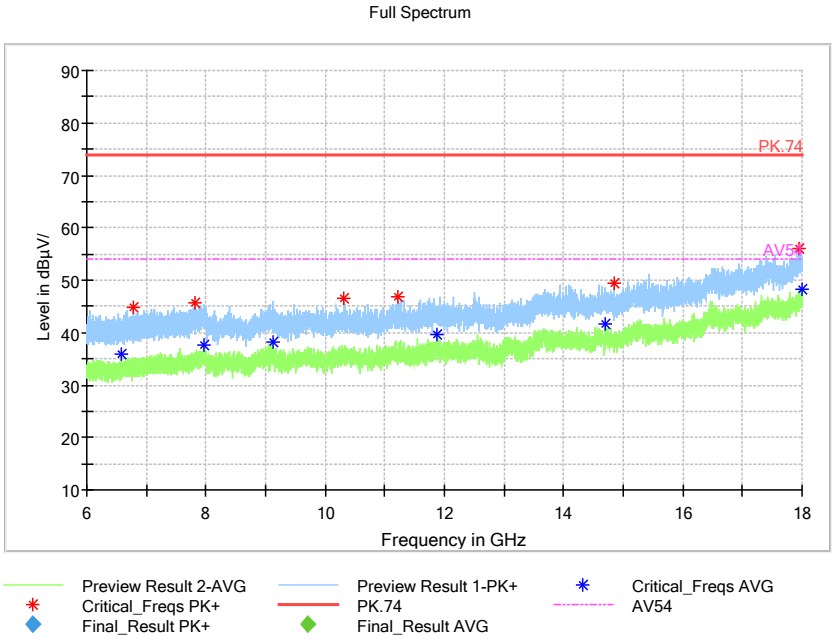
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20 MIMO)



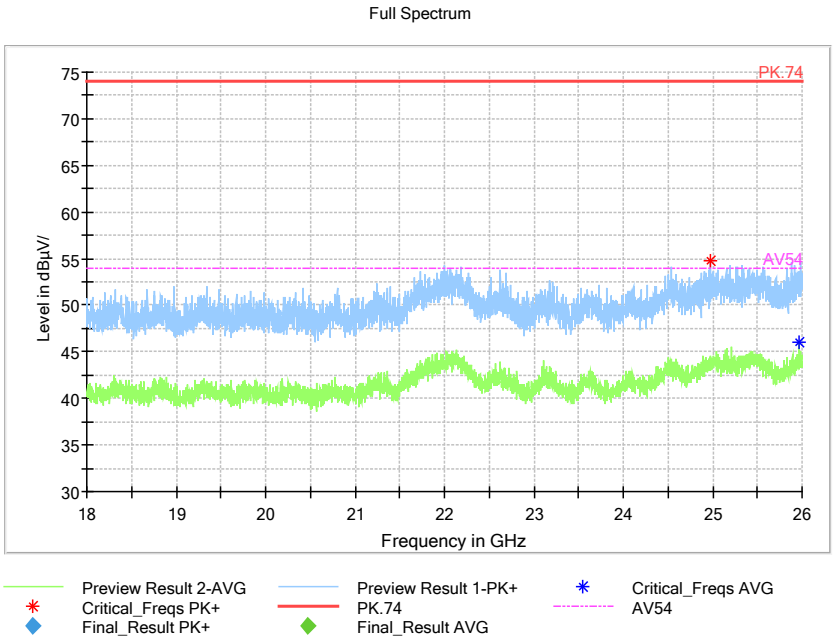
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)



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

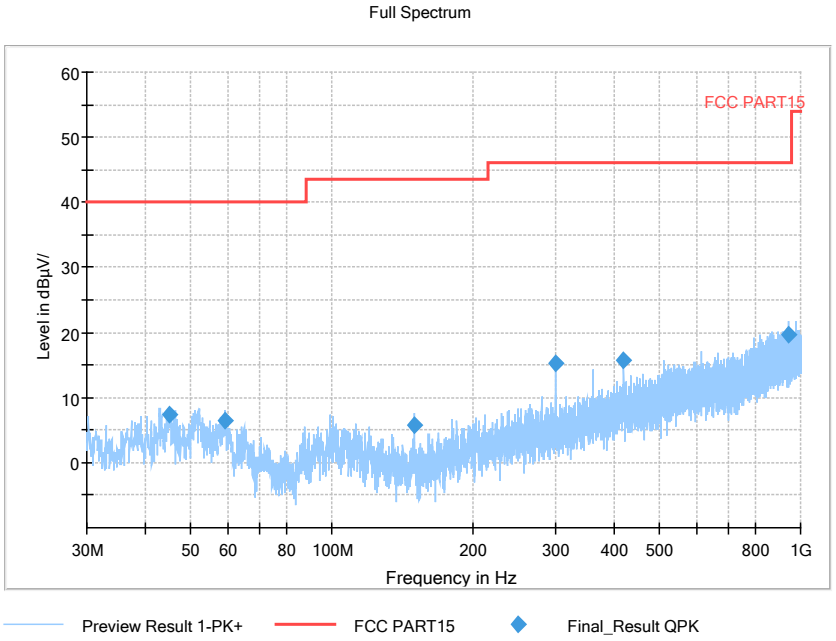


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

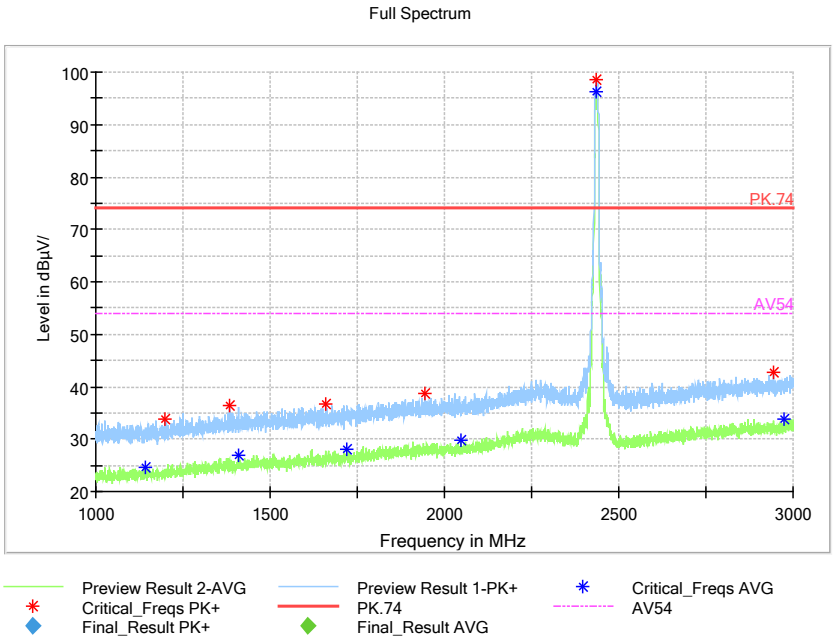


Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

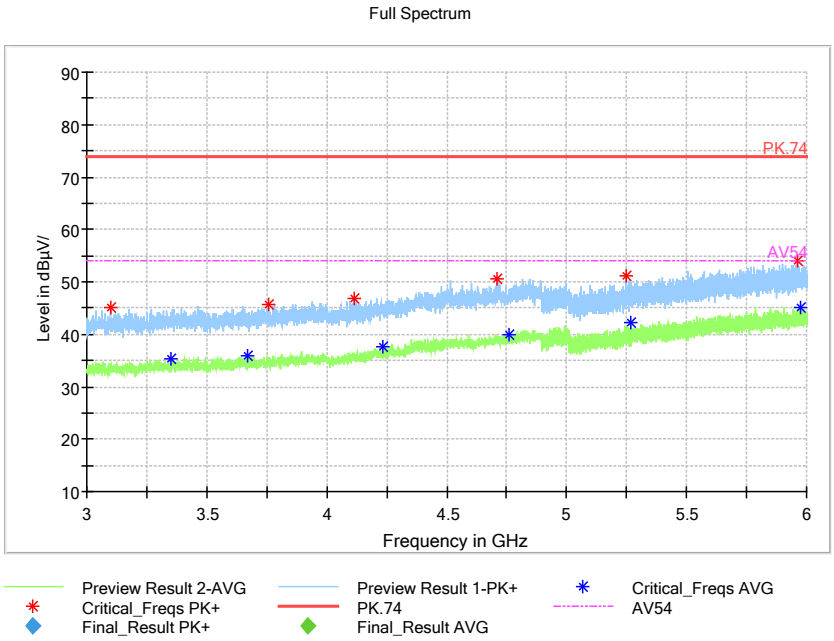
Carrier frequency (MHz): 2437
Channel No.:6



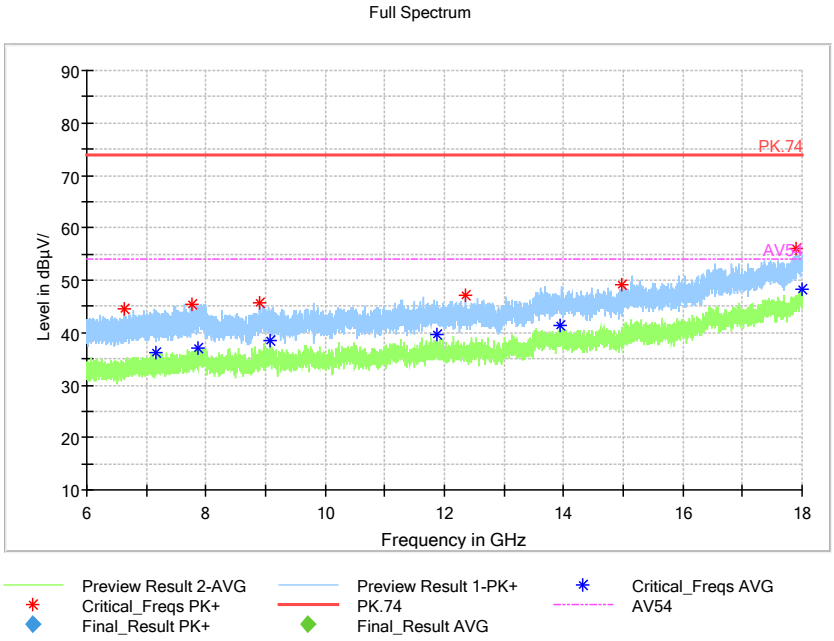
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



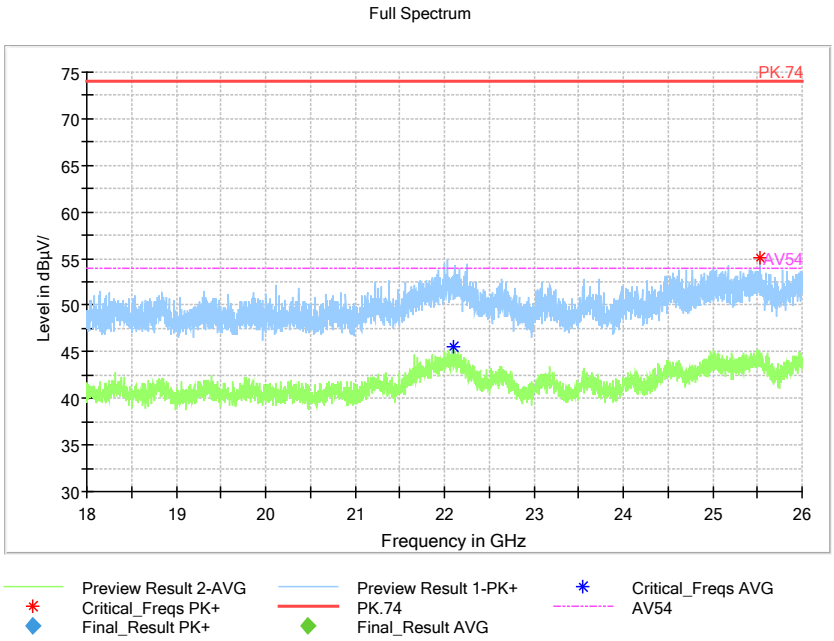
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



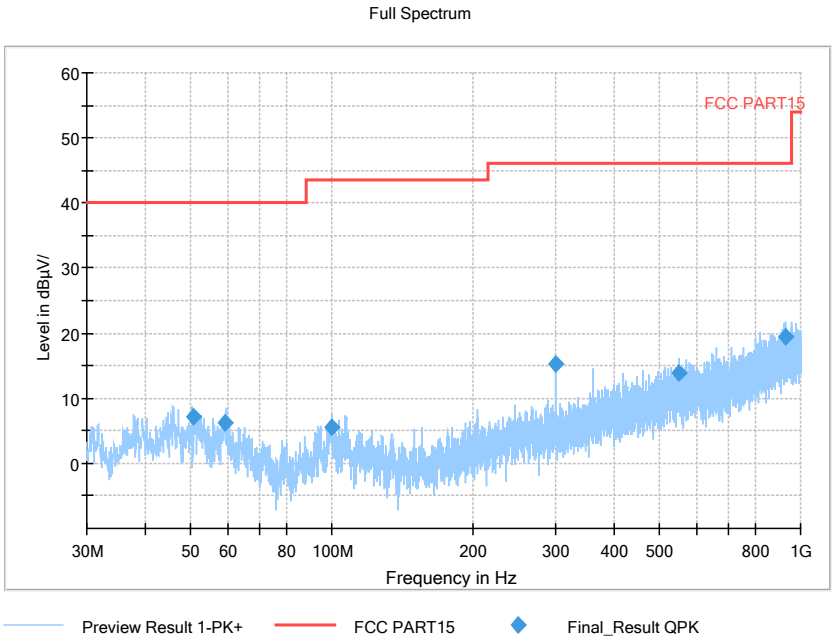
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



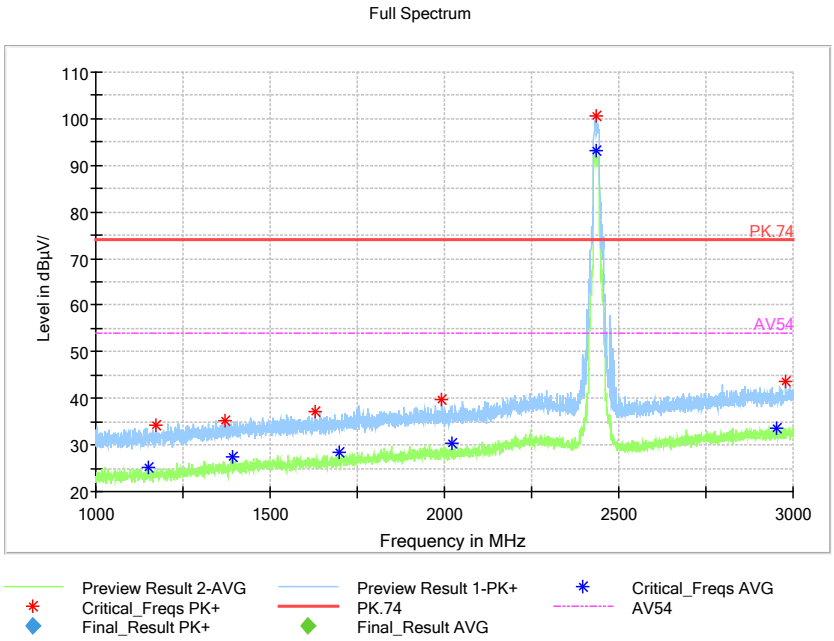
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



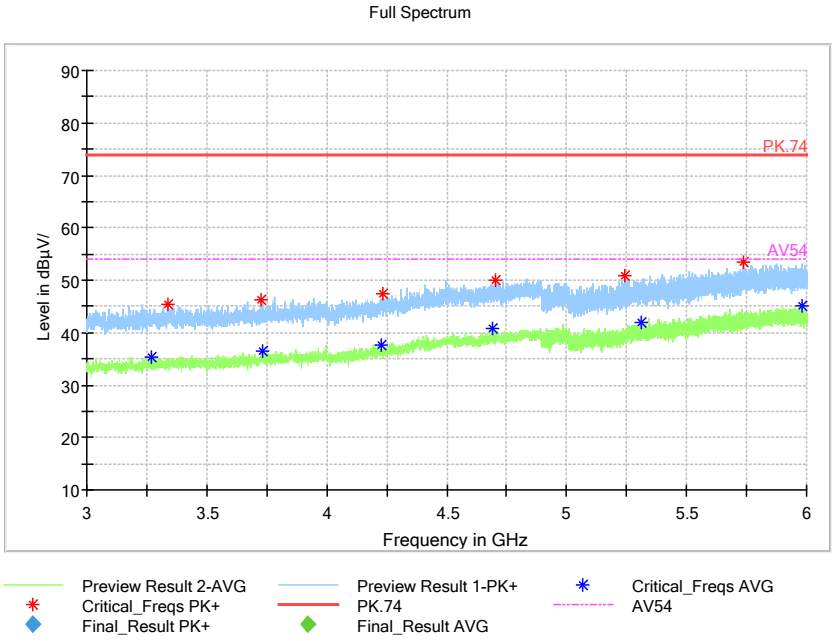
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



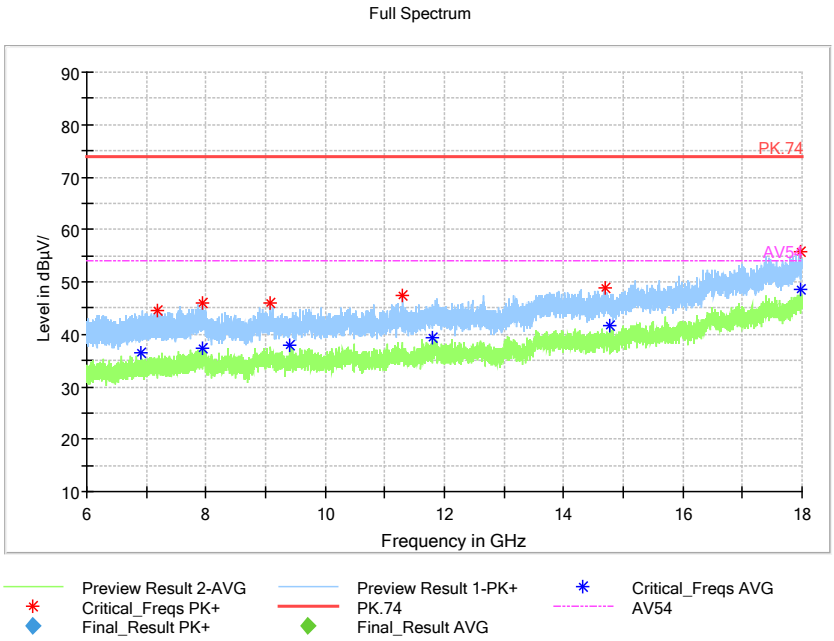
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11g



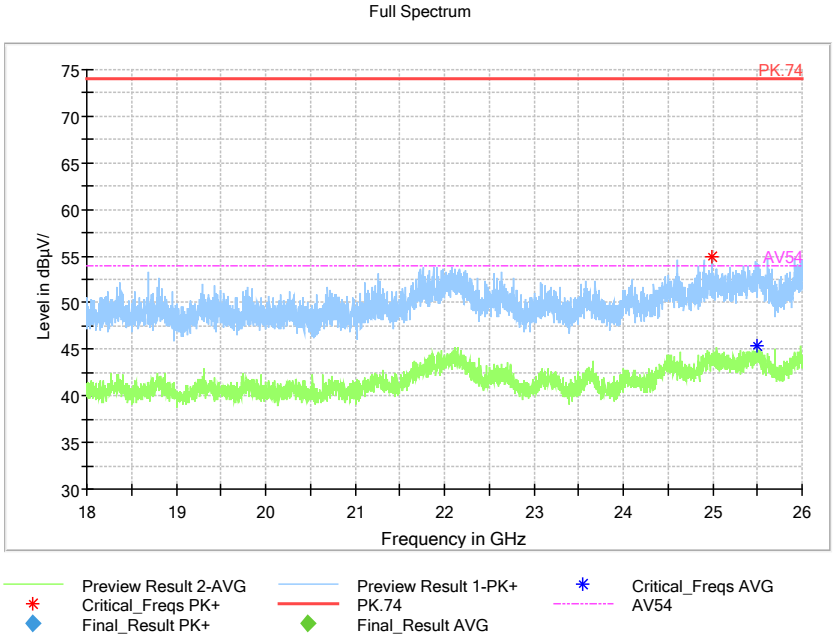
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



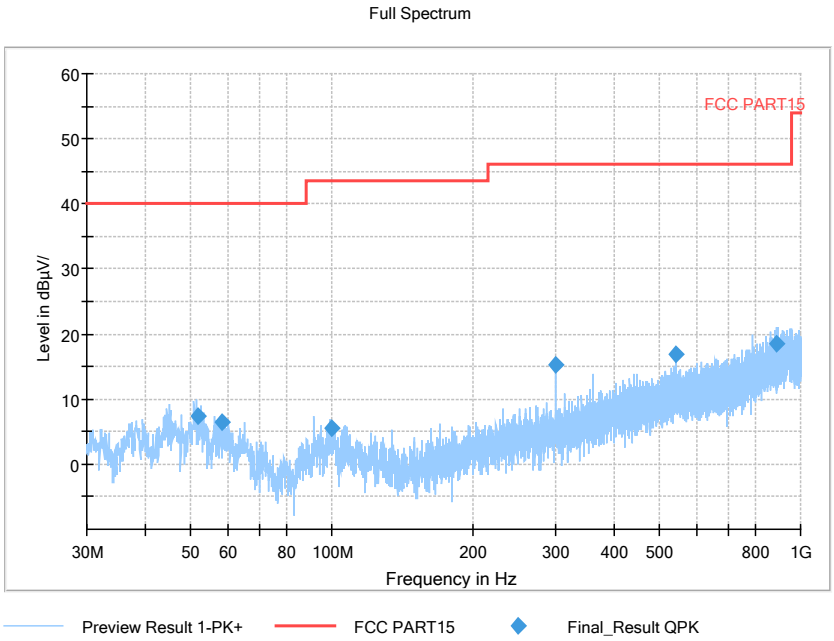
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



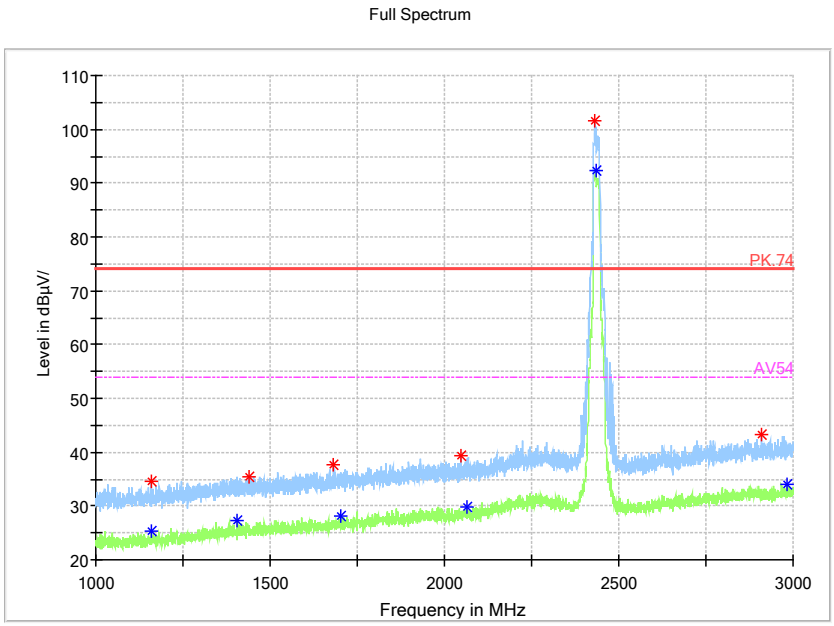
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



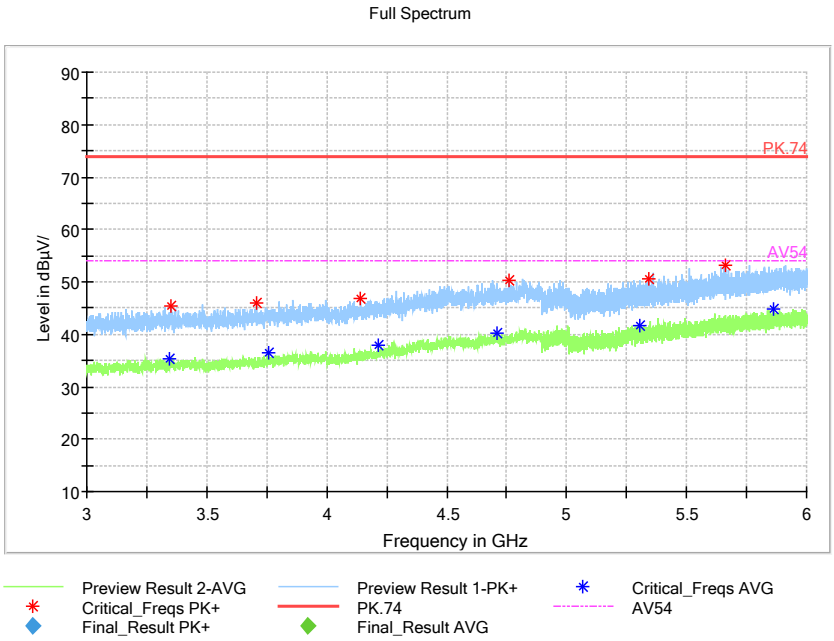
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



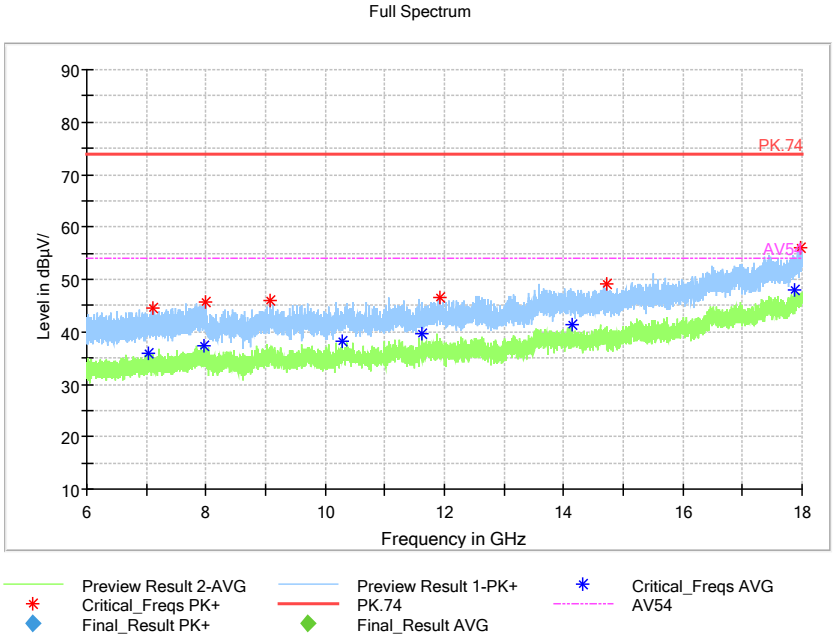
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20 MIMO)



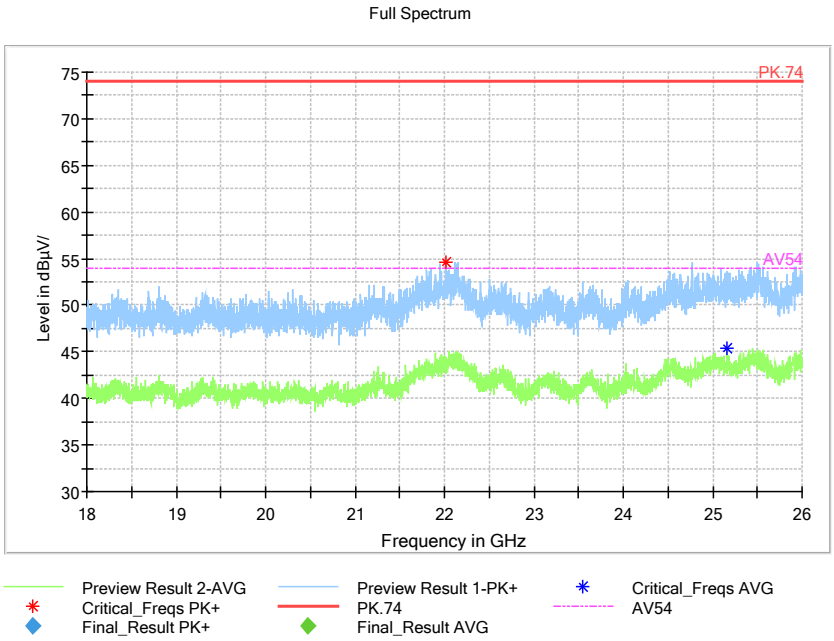
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)



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

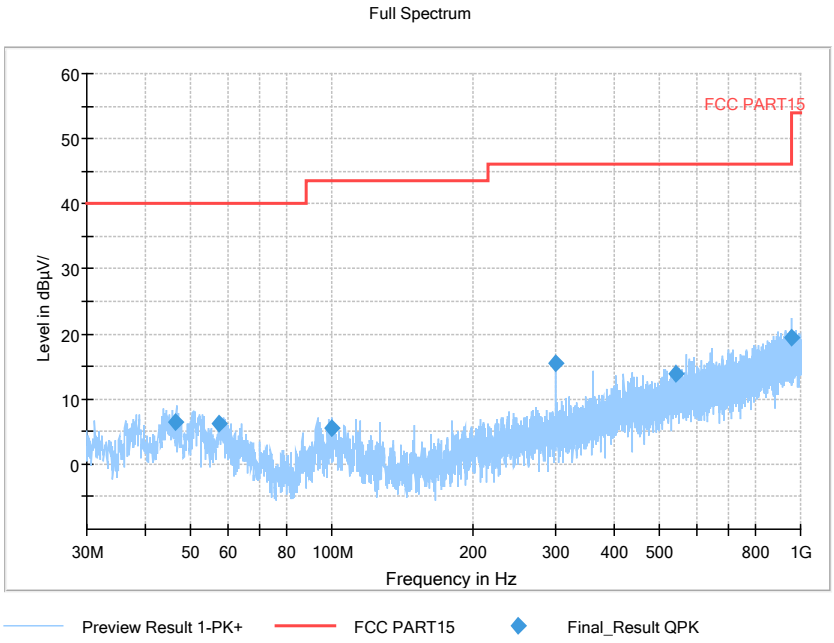


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

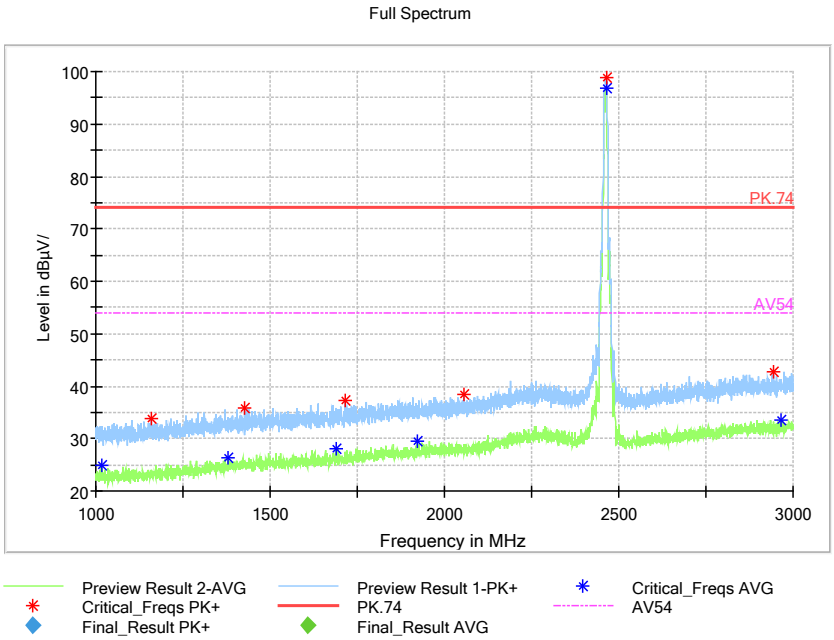


Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

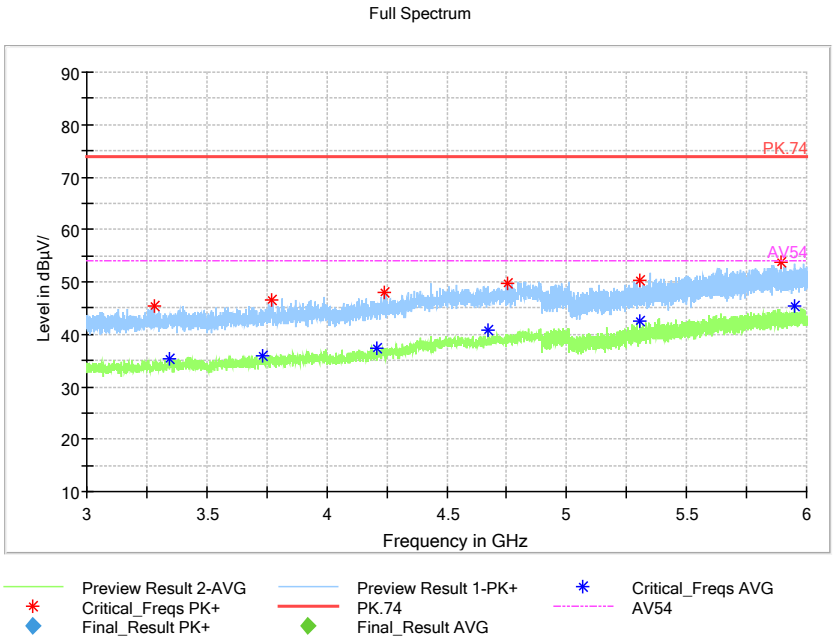
Carrier frequency (MHz): 2462
Channel No.:11



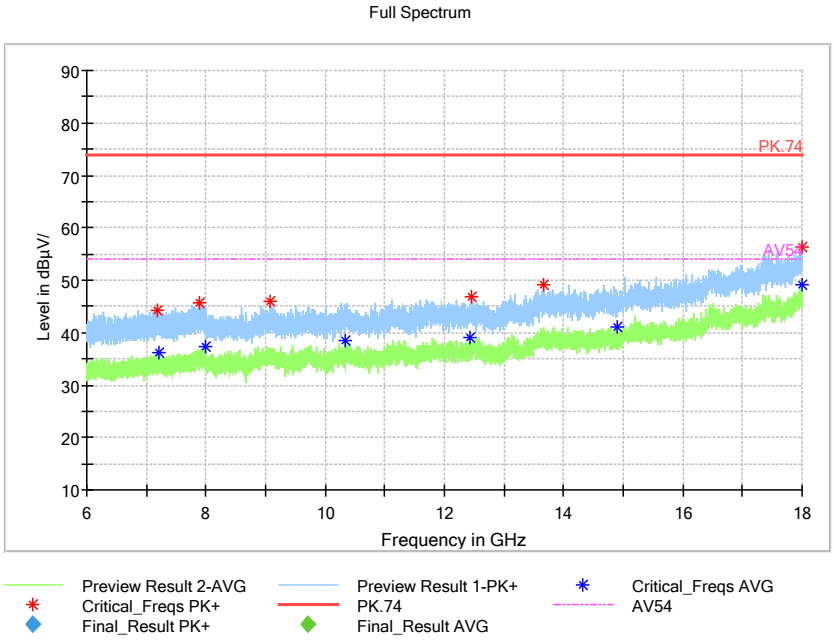
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



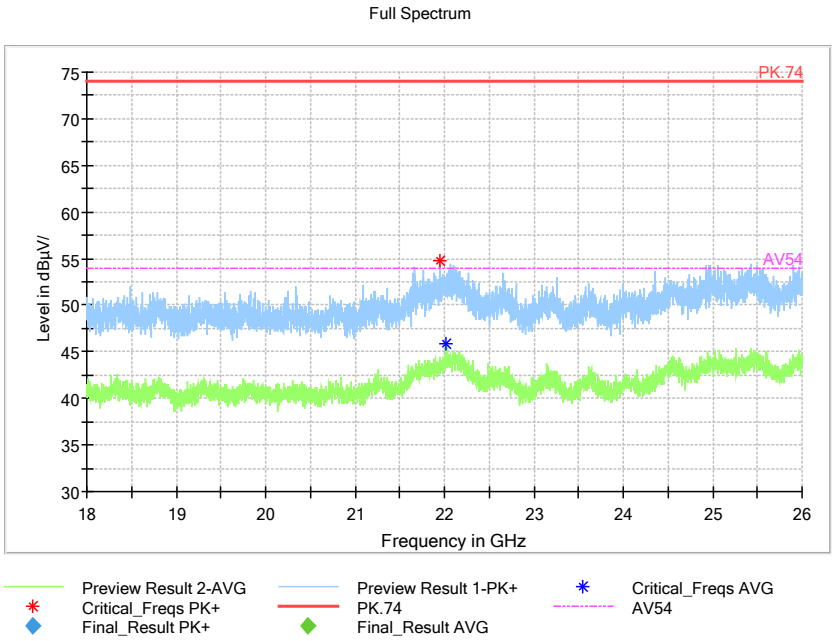
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



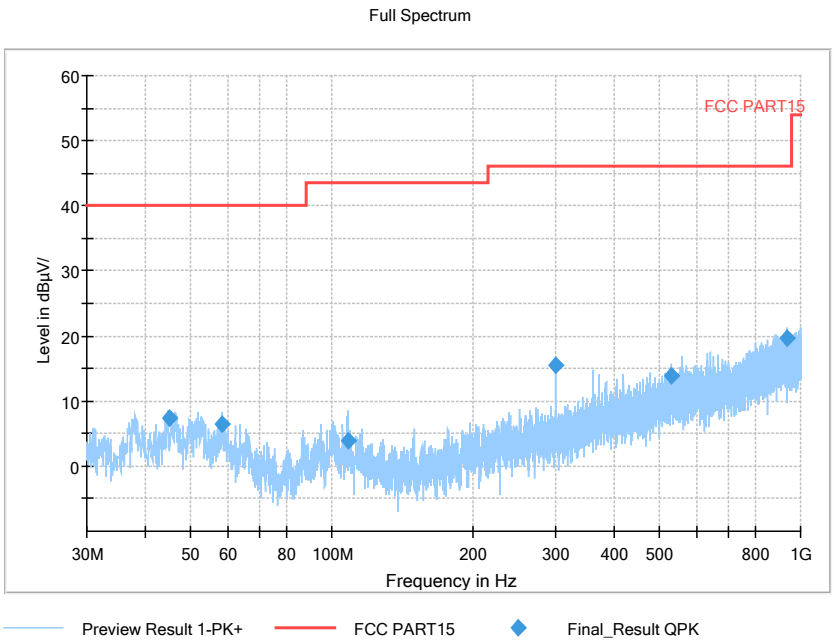
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



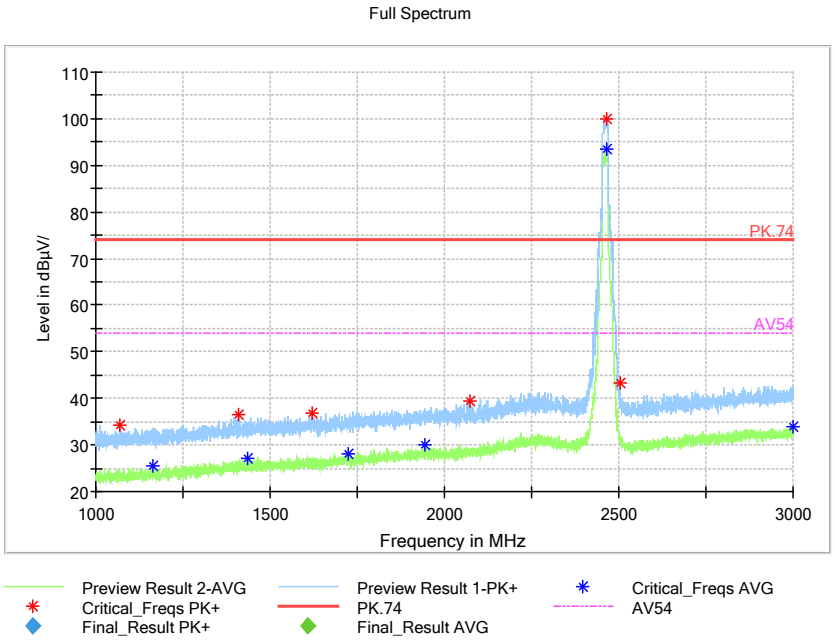
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



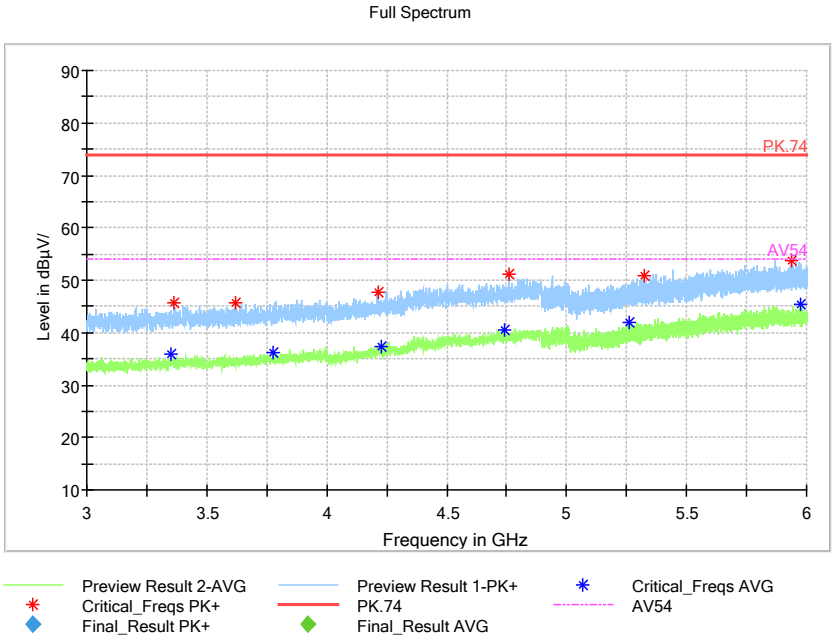
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



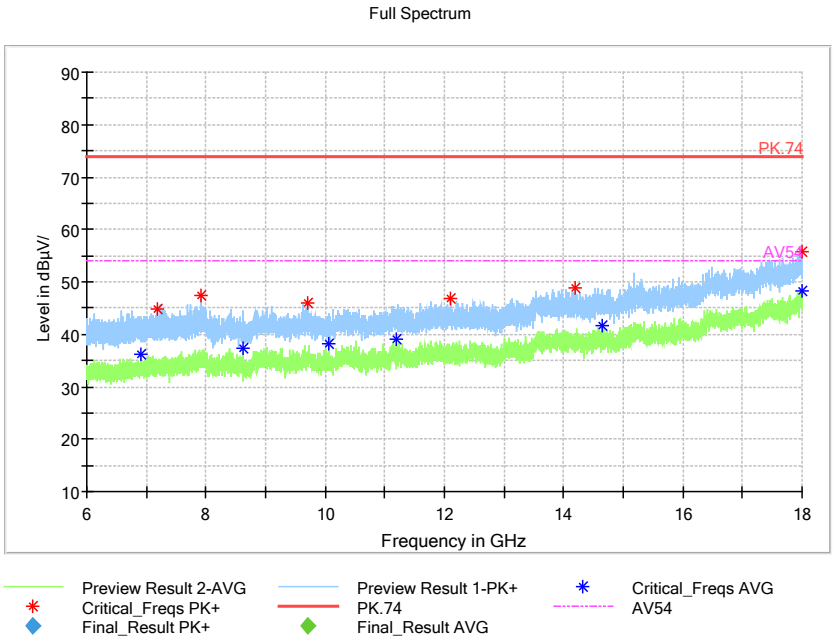
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11g



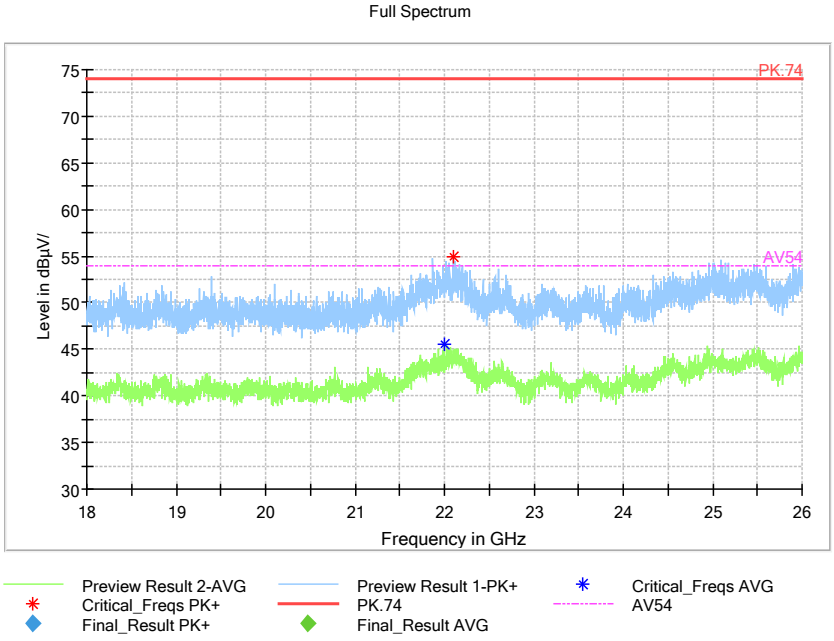
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



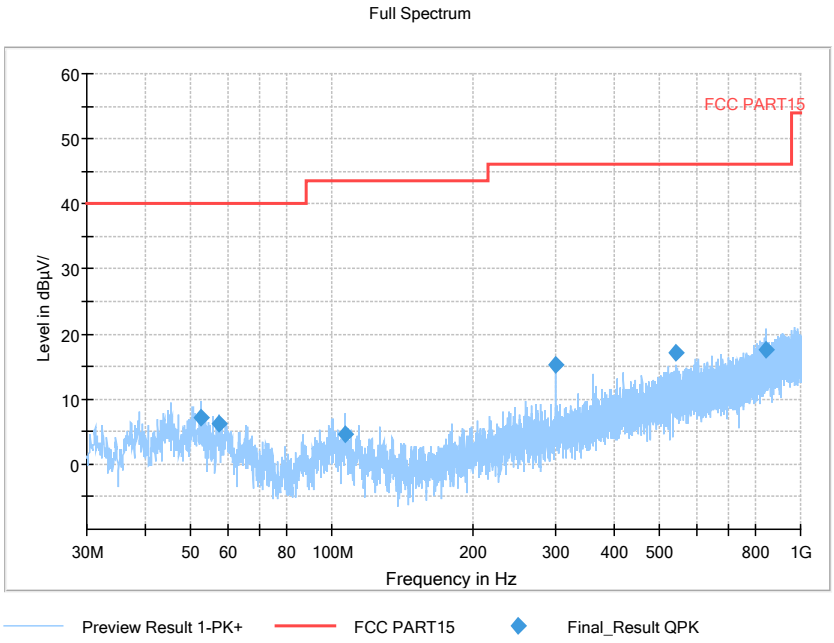
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



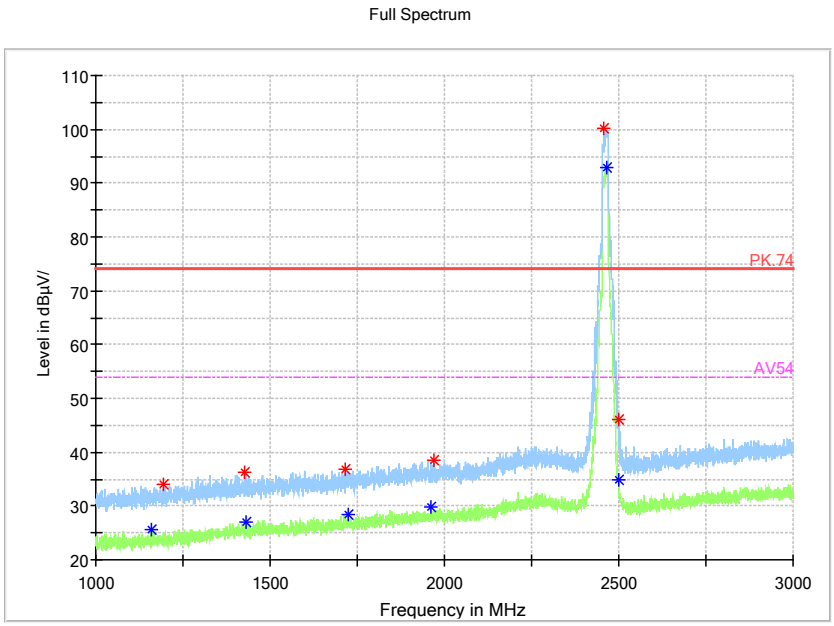
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



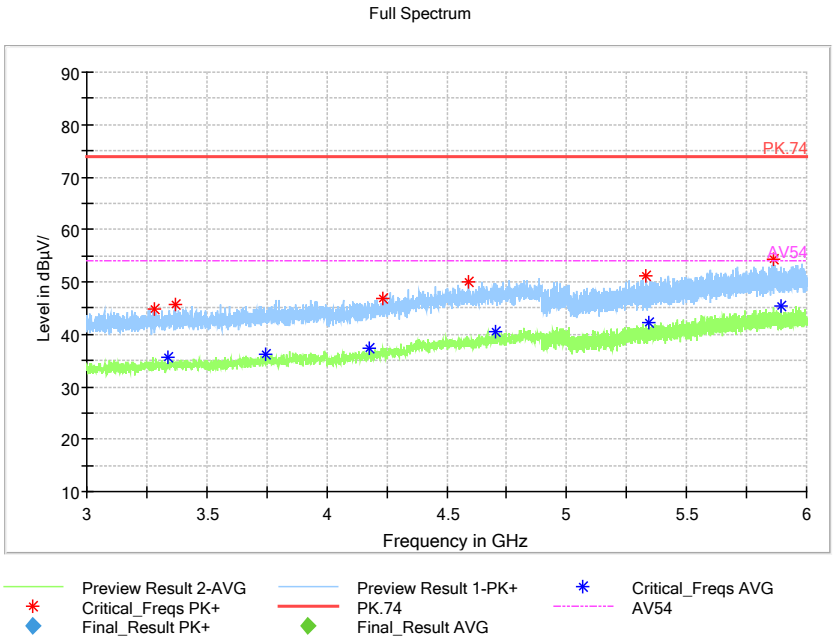
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



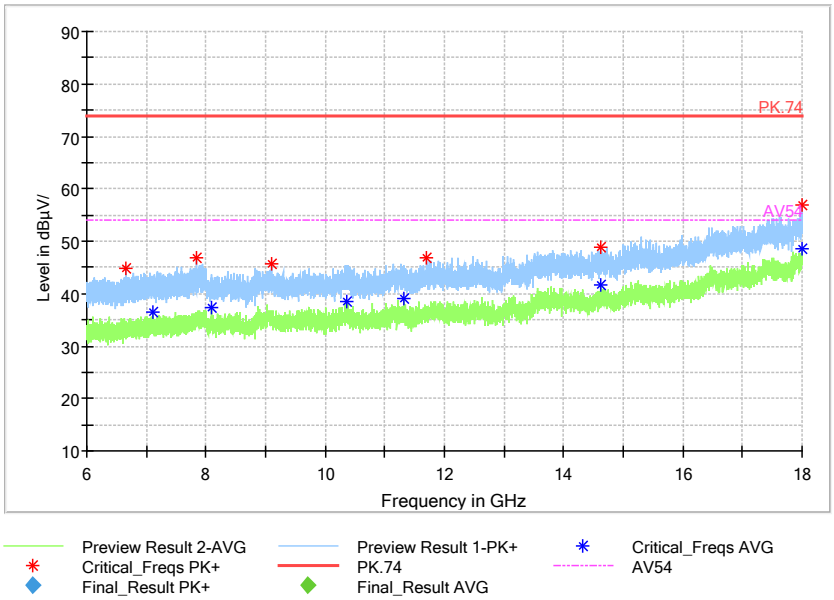
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20 MIMO)



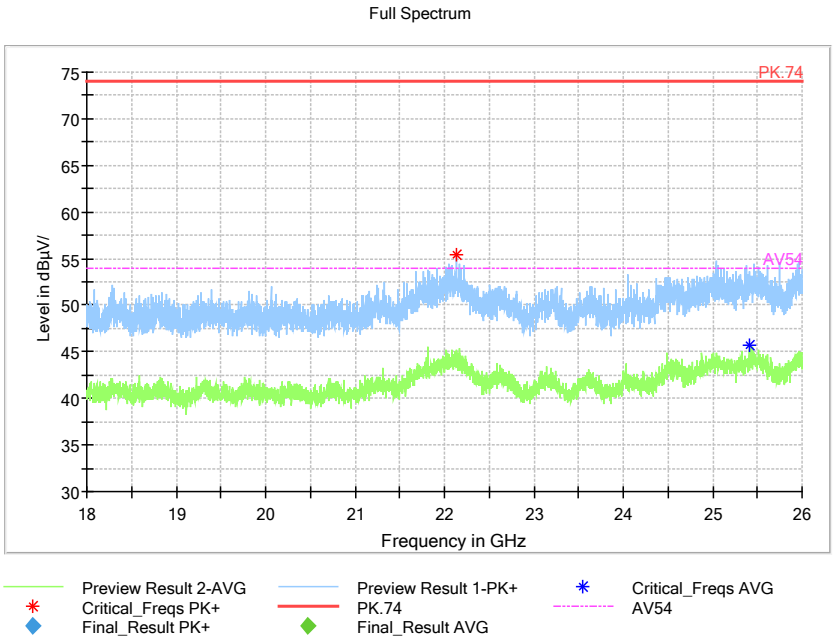
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)



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

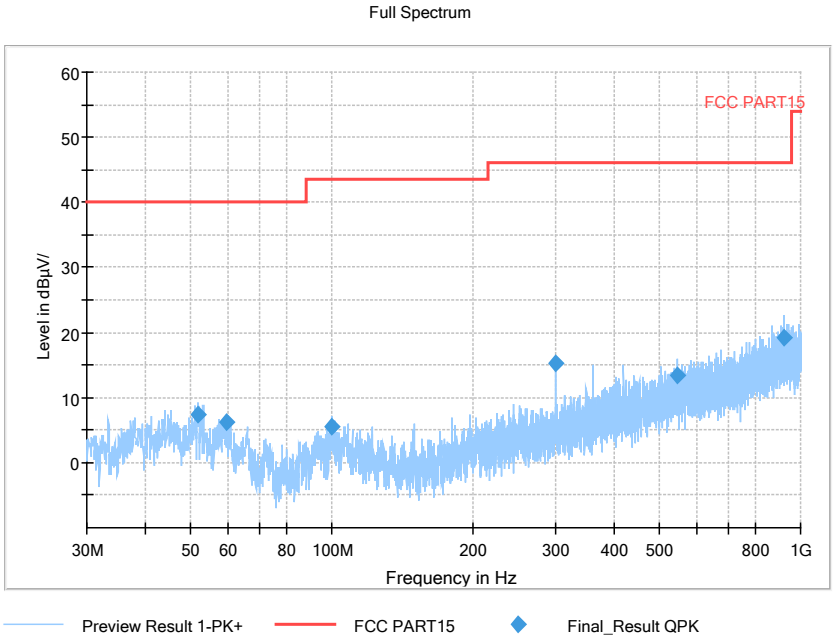


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

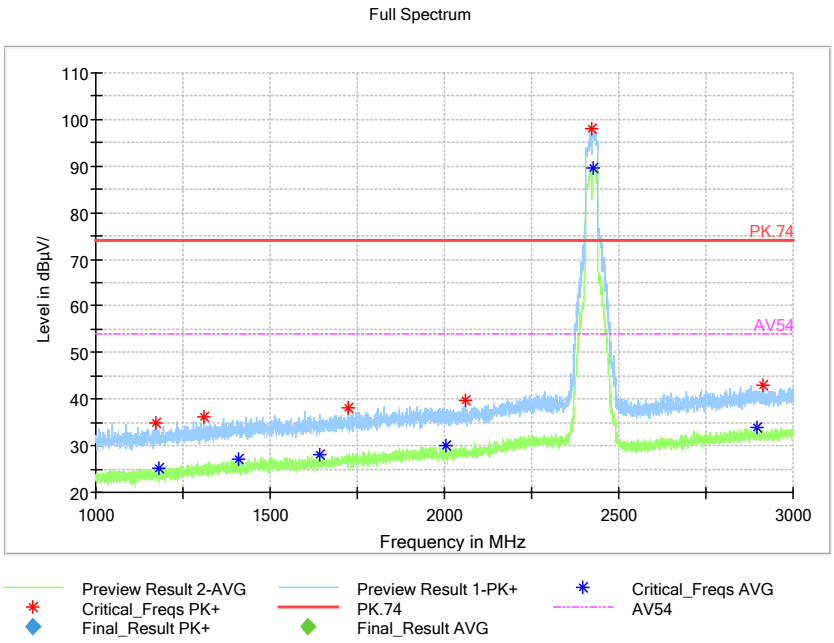


Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20 MIMO)

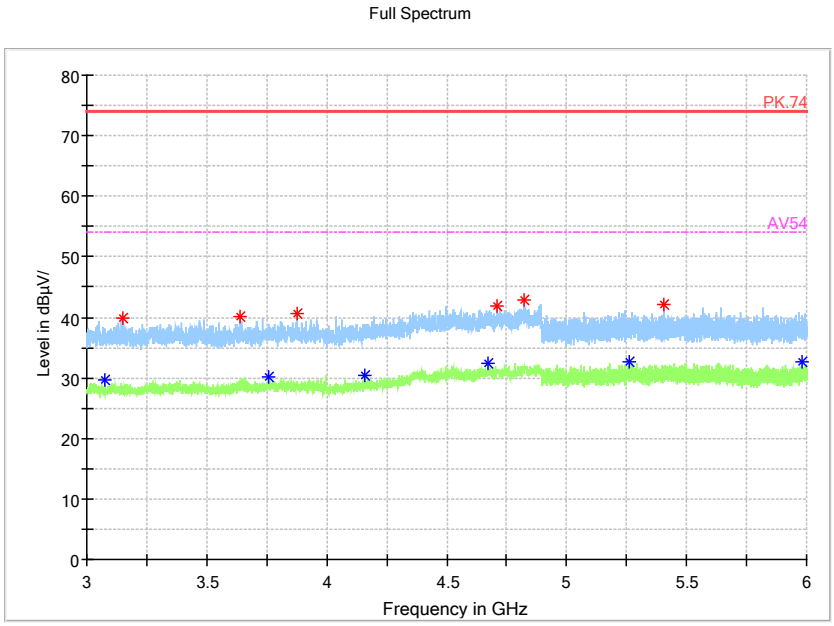
Carrier frequency (MHz): 2422
Channel No.:3



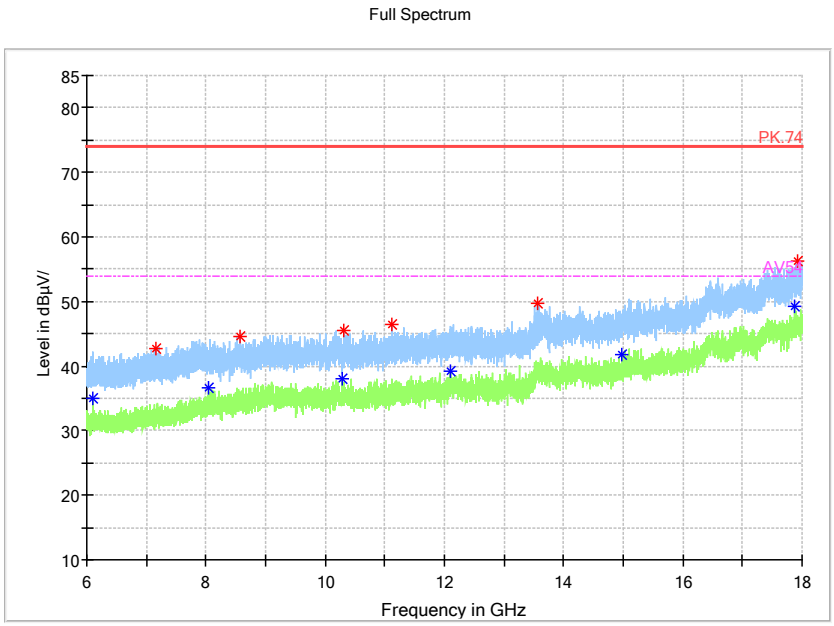
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40 MIMO)



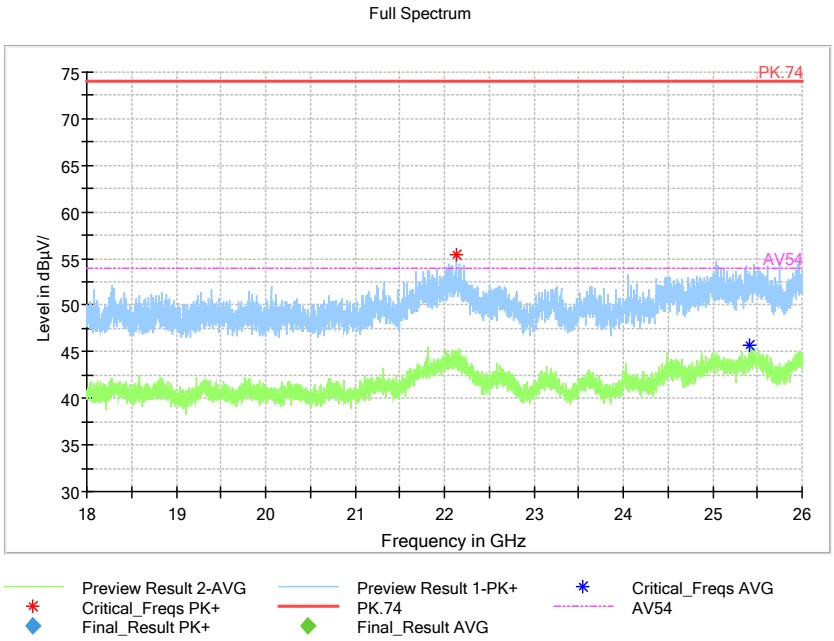
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)



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

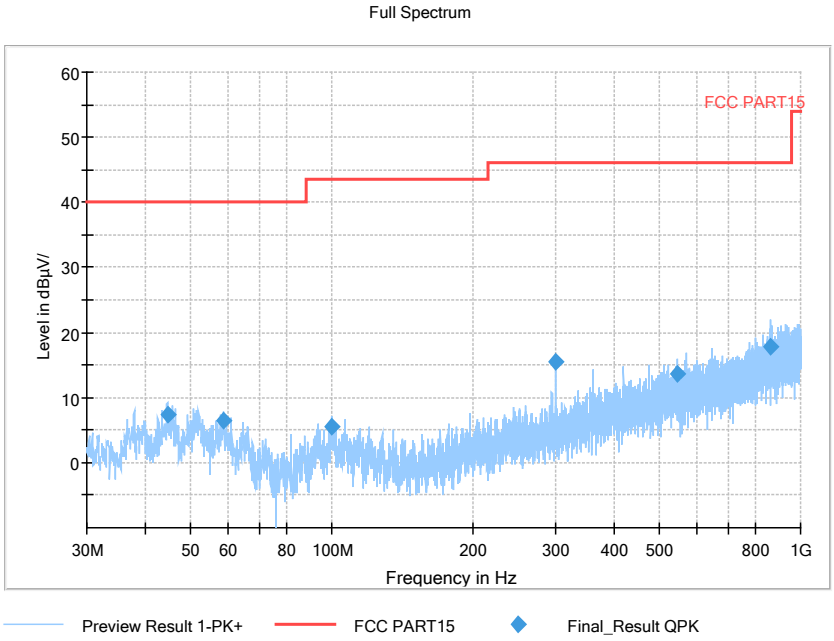


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

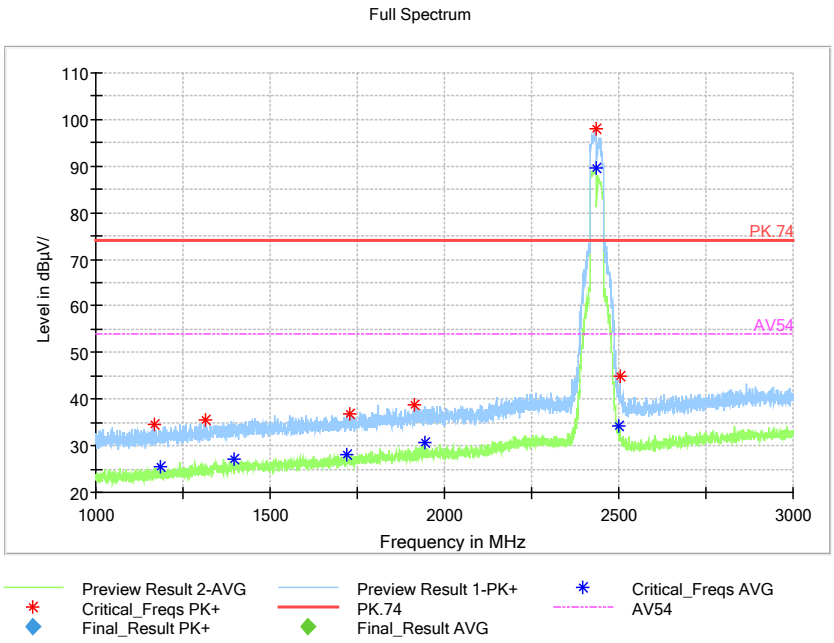


Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

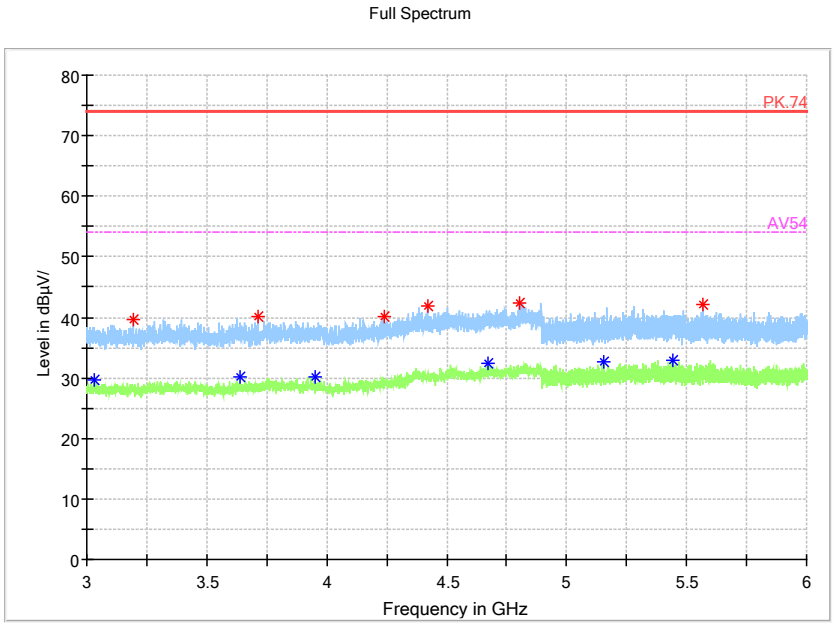
Carrier frequency (MHz): 2437
Channel No.:6



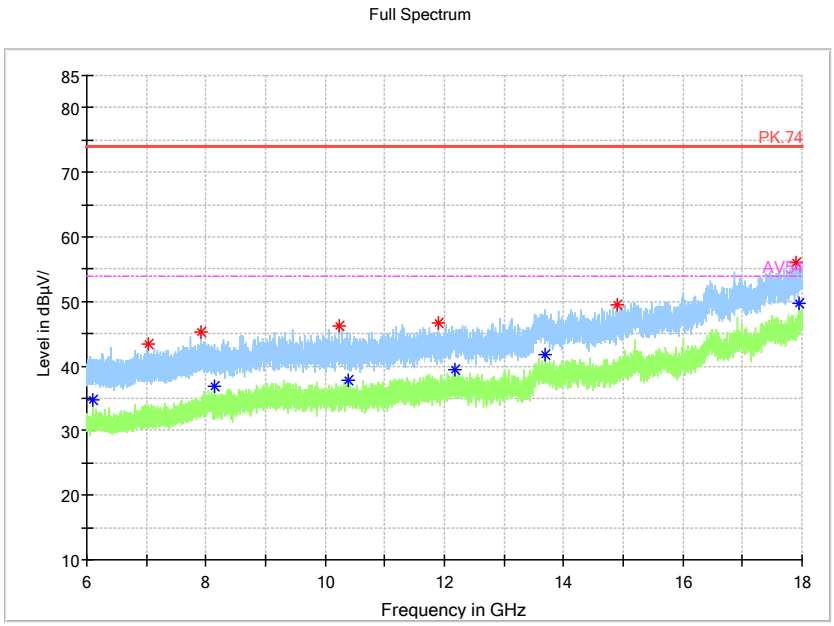
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40 MIMO)



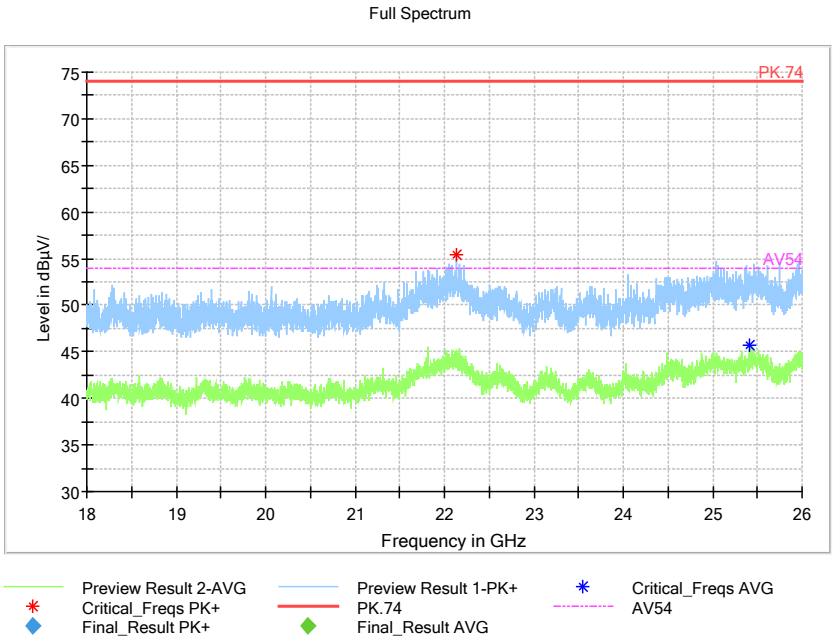
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)



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

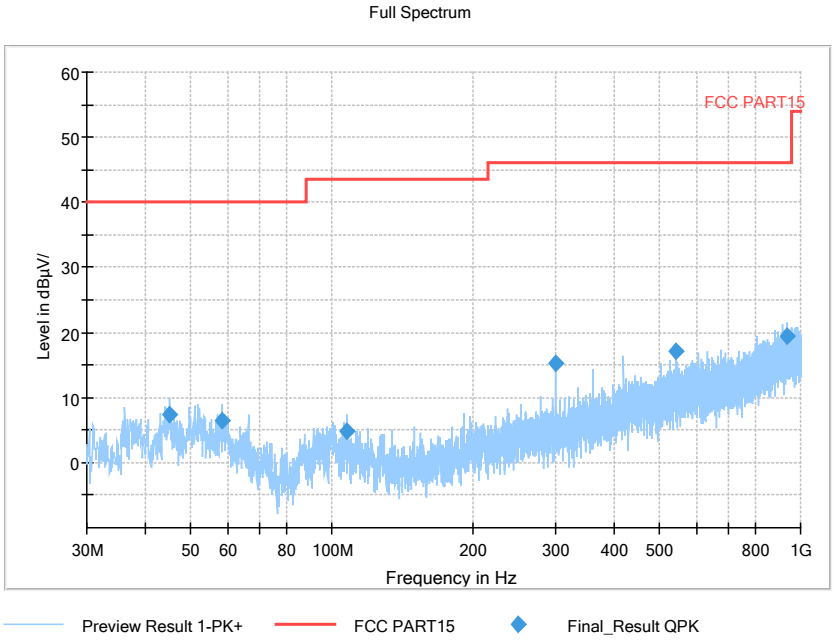


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

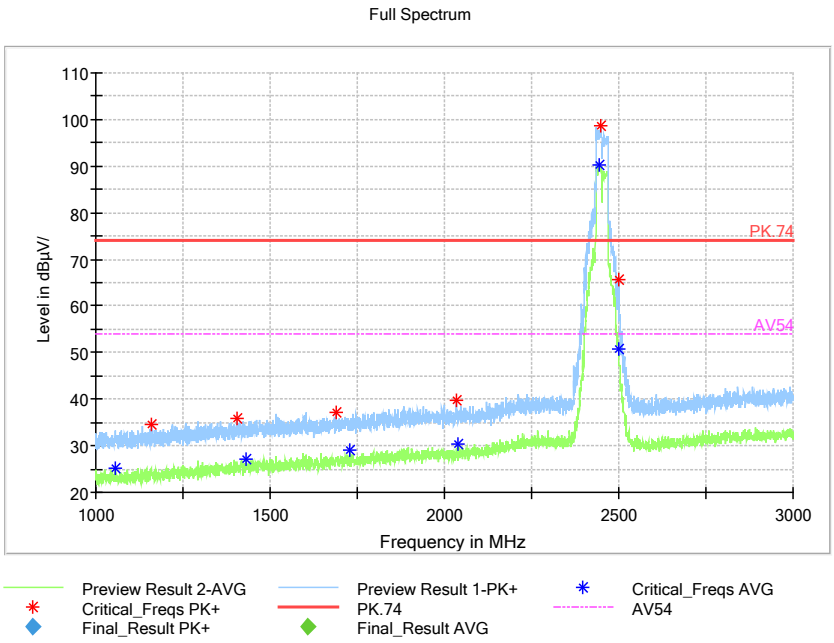


Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

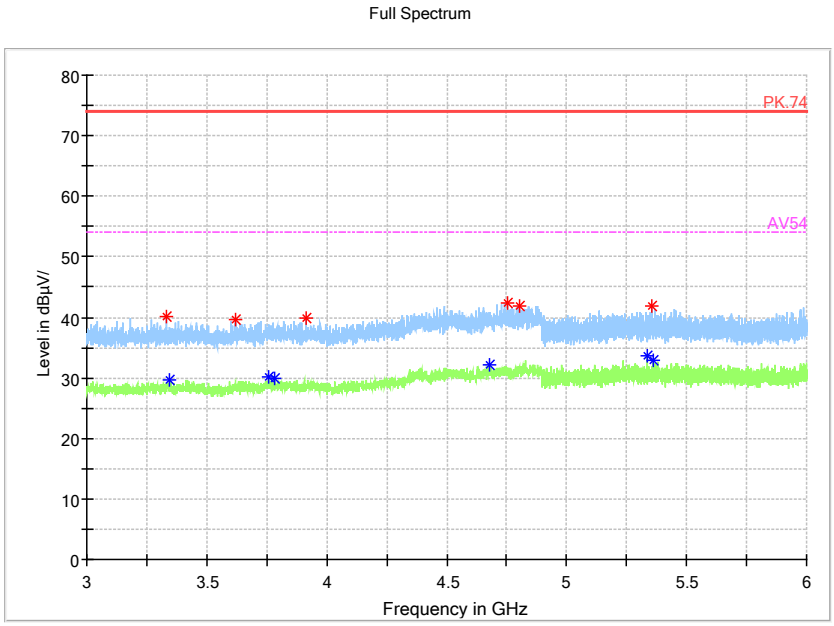
Carrier frequency (MHz): 2452
Channel No.:9



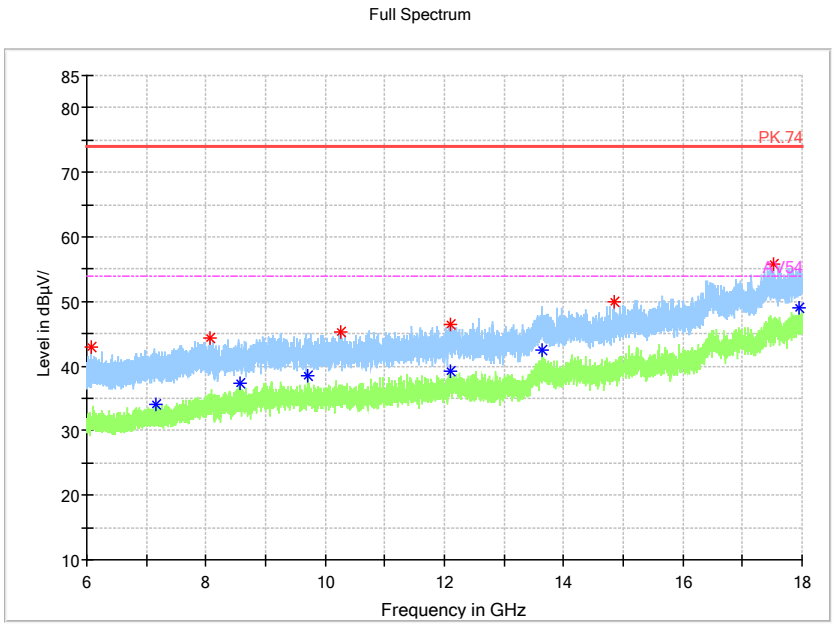
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT40 MIMO)



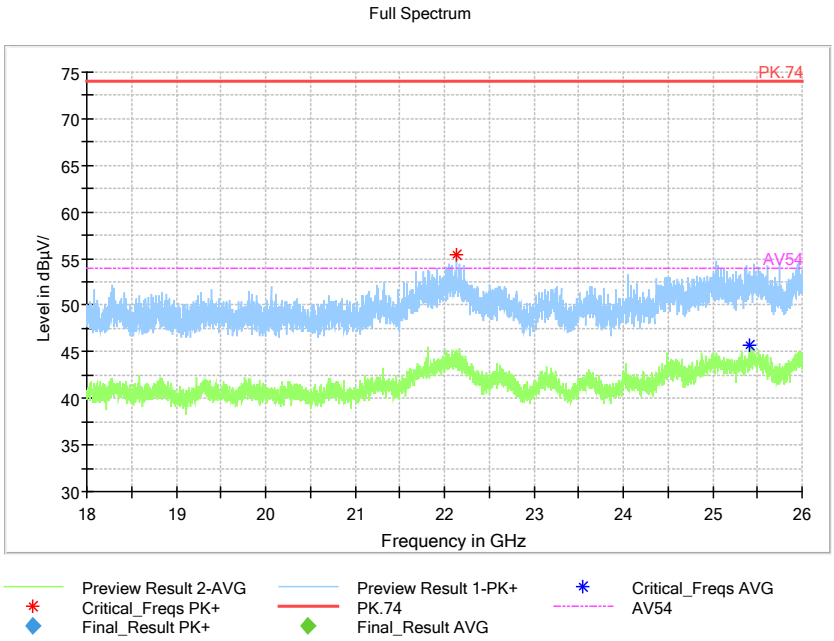
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)



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



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



Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40 MIMO)

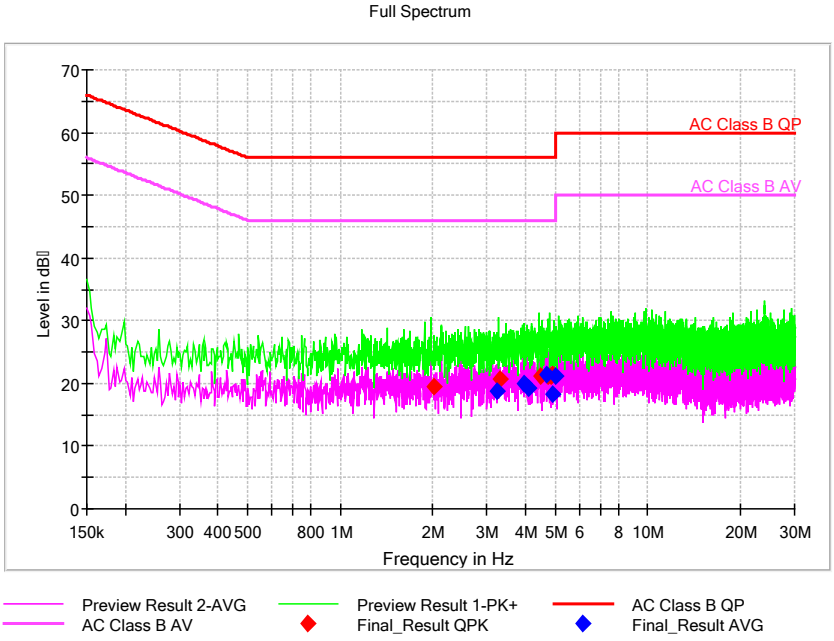
DC Power line Conducted Emission

A “reference path loss” Corr.(dB) is established and the L_{cable}+ATT+VDF is the attenuation of ” reference path loss”, and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

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

Sample calculation: (19.58 dBμV) = (15.49 dBμV) + (-10.82 dB), the corresponding frequency is 2.024805MHz.



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμ	Pmea Average (dBμV)
2.024805	19.58	---	56.00	36.42	N	30.4	-10.8	---
3.251250	---	18.85	46.00	27.15	N	30.4	---	-11.5
3.299250	20.77	---	56.00	35.23	N	30.4	-9.63	---
3.960070	---	19.90	46.00	26.10	N	30.4	---	-10.5
4.106335	---	19.31	46.00	26.69	N	30.4	---	-11.0
4.467460	21.12	---	56.00	34.88	N	30.4	-9.28	---
4.697960	---	21.40	46.00	24.60	L3	30.4	---	-9
4.766020	21.17	---	56.00	34.83	L3	30.4	-9.23	---
4.860555	21.18	---	56.00	34.82	L3	30.4	-9.22	---
4.909895	21.49	---	56.00	34.51	L3	30.4	-8.91	---
4.911865	---	18.34	46.00	27.66	N	30.4	---	-12.0
5.013715	---	21.05	50.00	28.95	N	30.4	---	-9.35

---End of the test report---