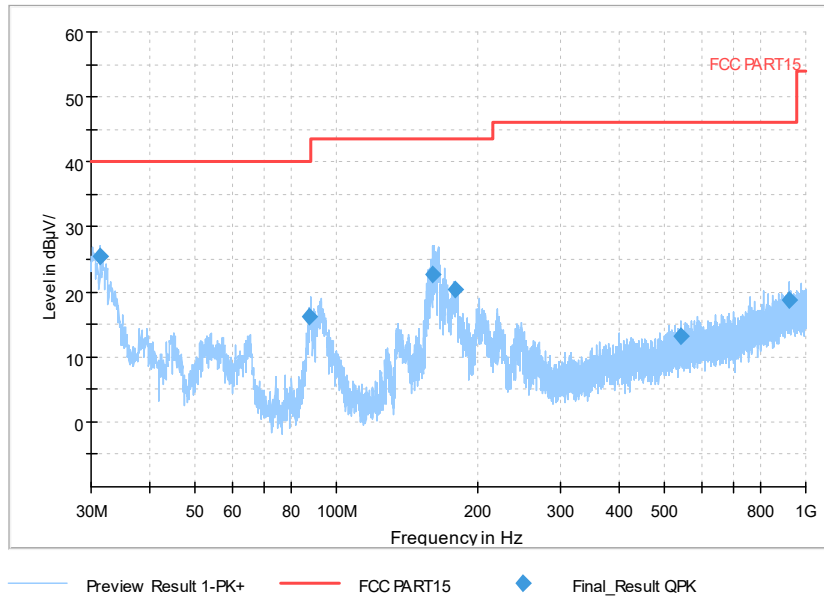
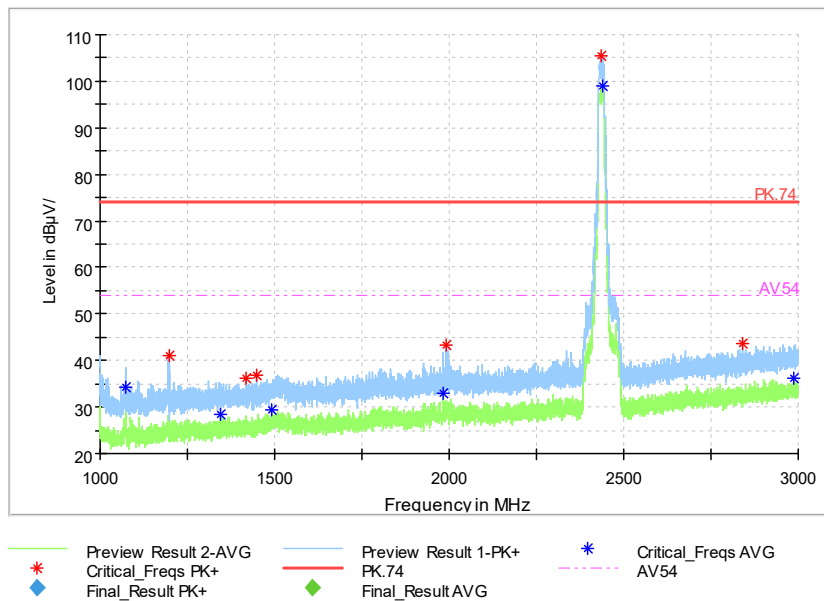


Full Spectrum



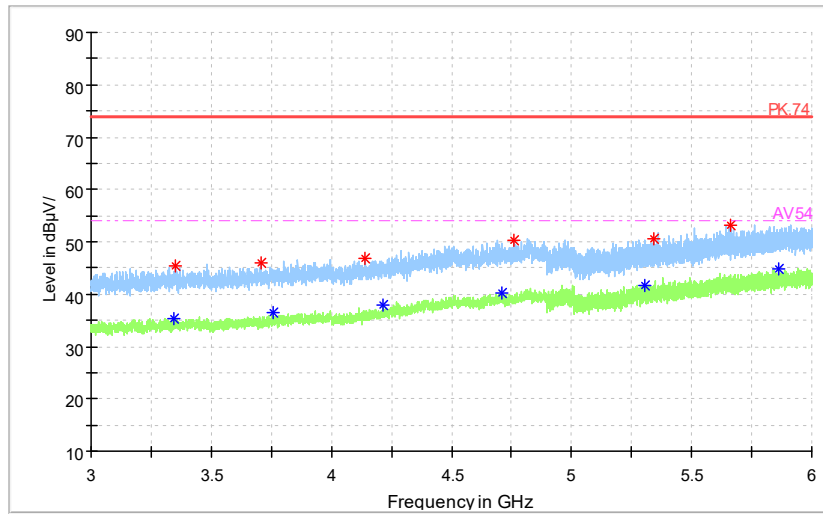
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



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

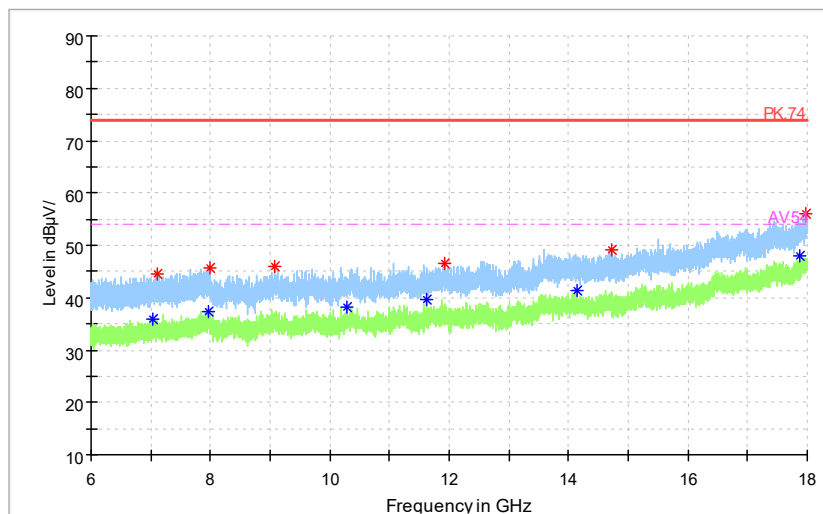
Full Spectrum



— 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: 802.11n(HT20)

Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

Full Spectrum

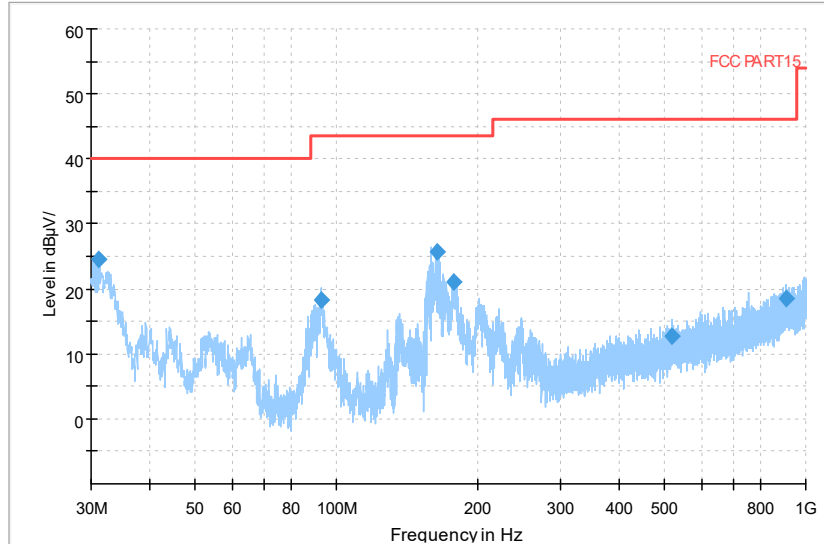


- Preview Result 2-AVG
- Preview Result 1-PK+
- PK.74
- - - Critical\_Freqs AVG AV54
- \* Critical\_Freqs PK+
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- ◆ Final\_Result PK+

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

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

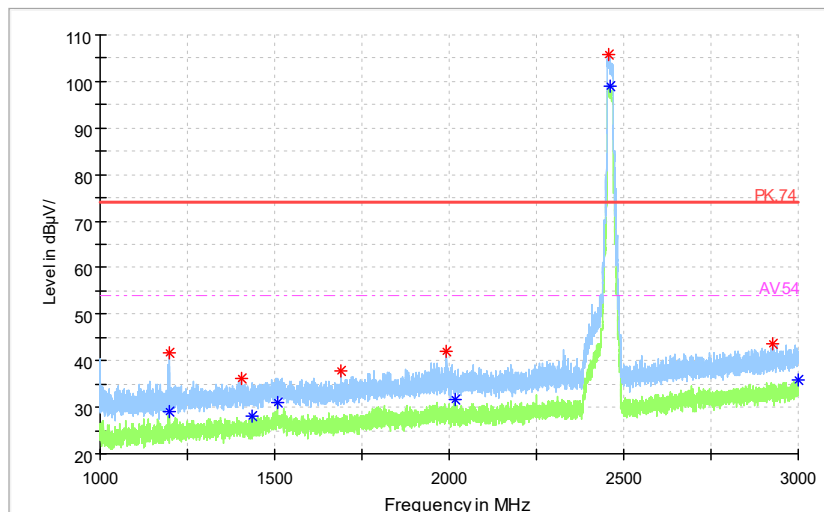
Full Spectrum



Preview Result 1-PK+    FCC PART15    Final\_Result QPK

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

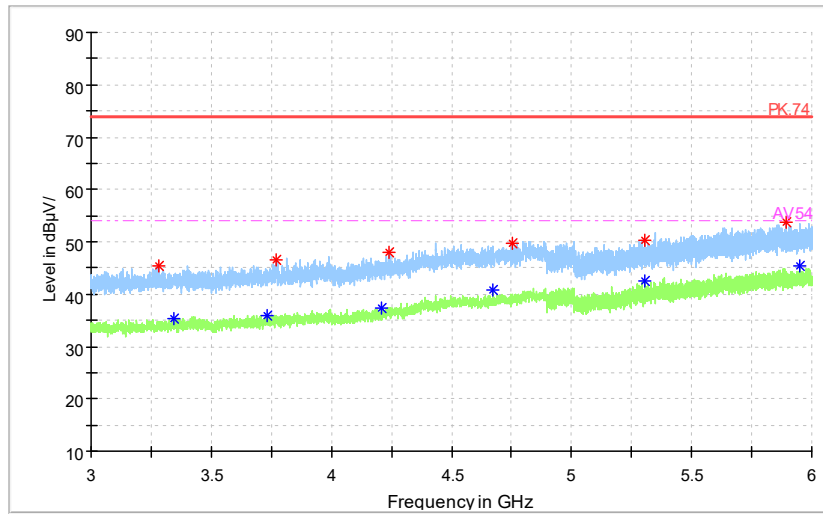
Full Spectrum



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

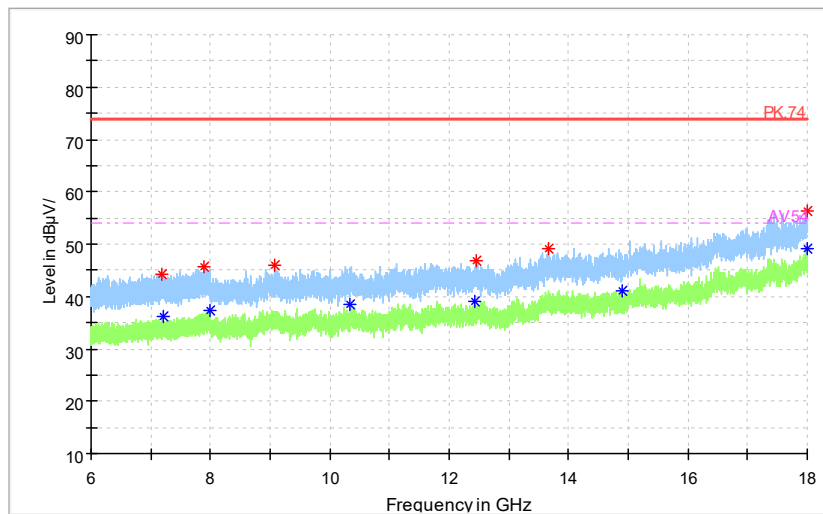
Full Spectrum



— 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

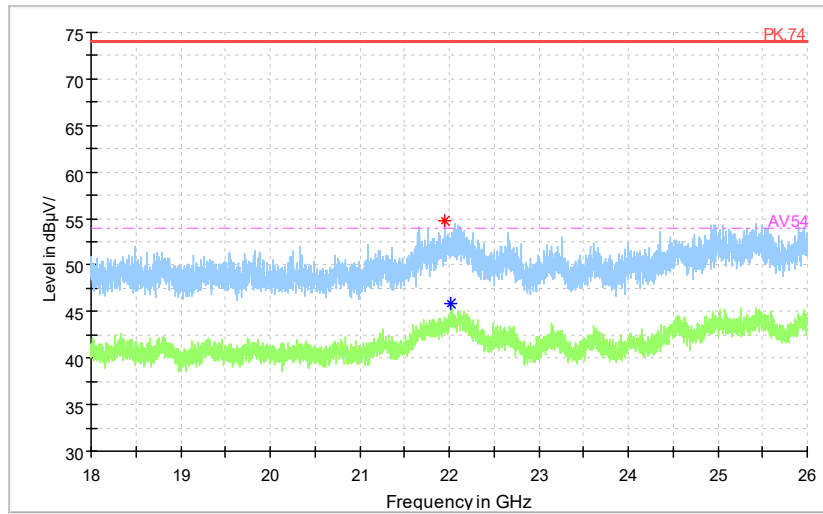
Full Spectrum



— 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

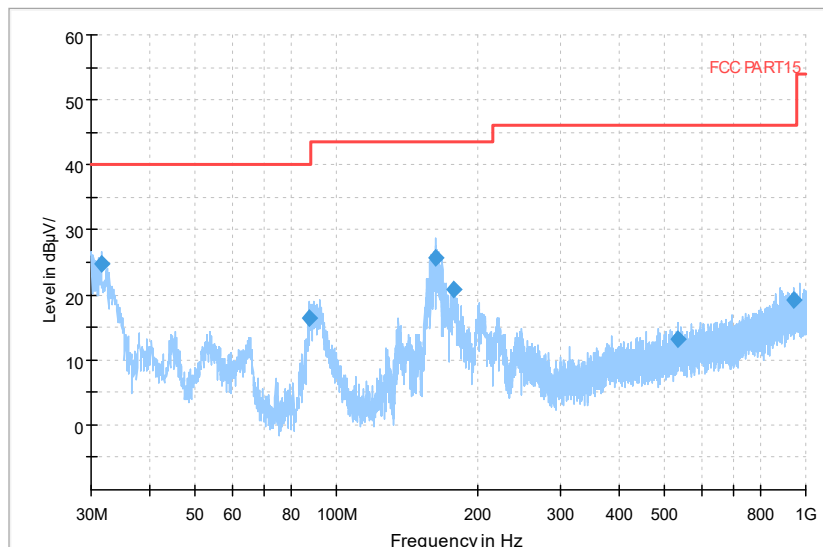
Full Spectrum



— 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: 802.11b

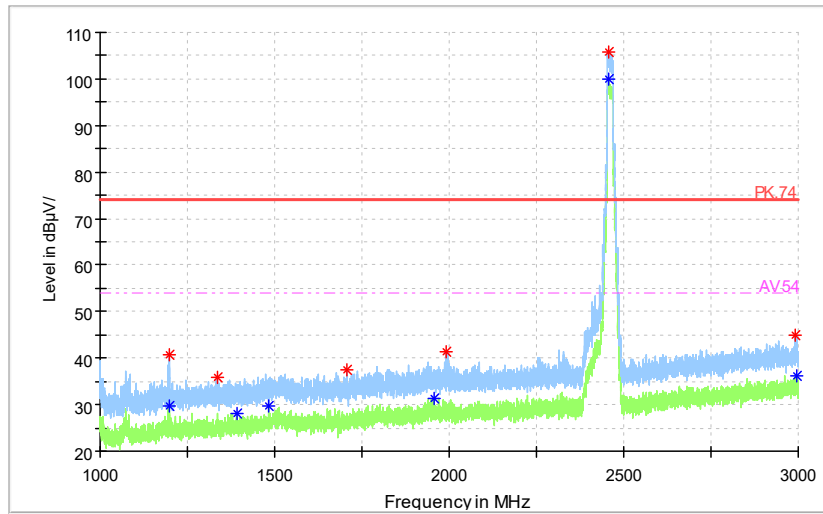
Full Spectrum



— Preview Result 1-PK+    — FCC PART15    ◆ Final\_Result QPK

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

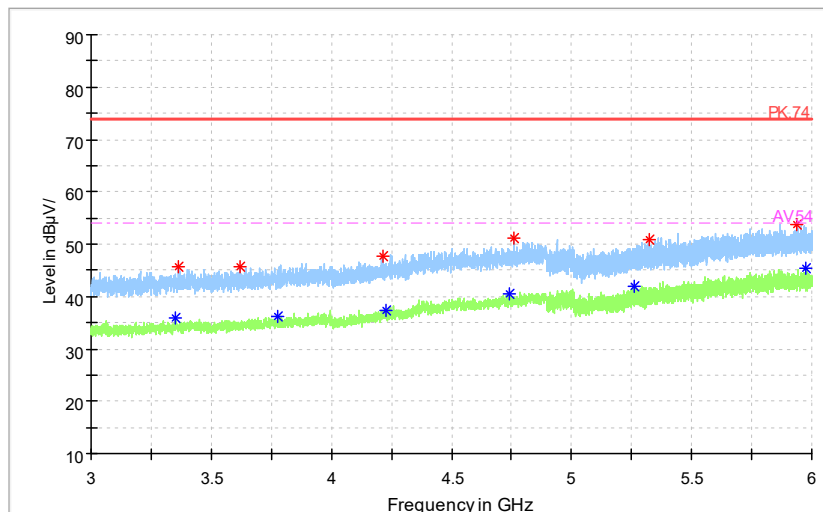
Full Spectrum



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

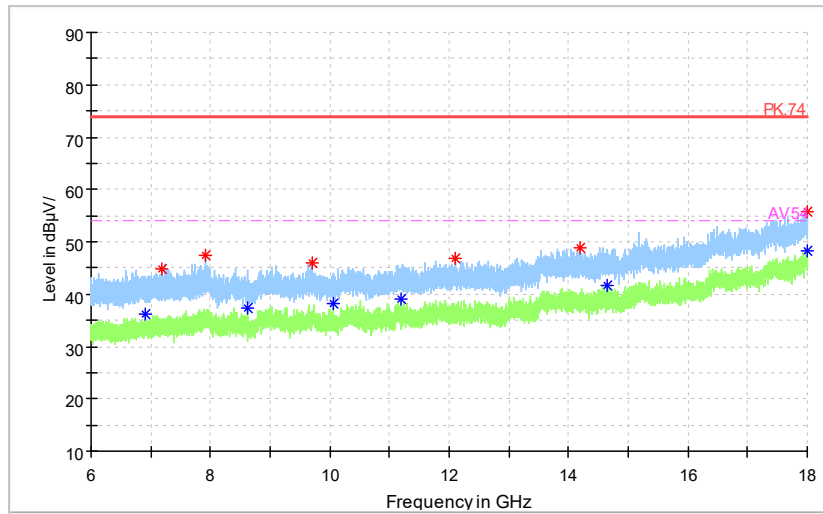
Full Spectrum



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

Full Spectrum



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

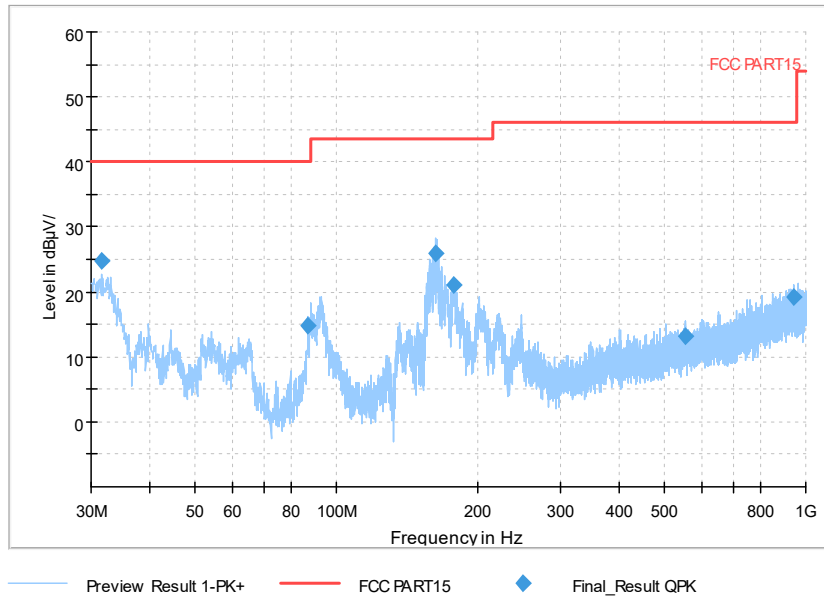
Full Spectrum



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

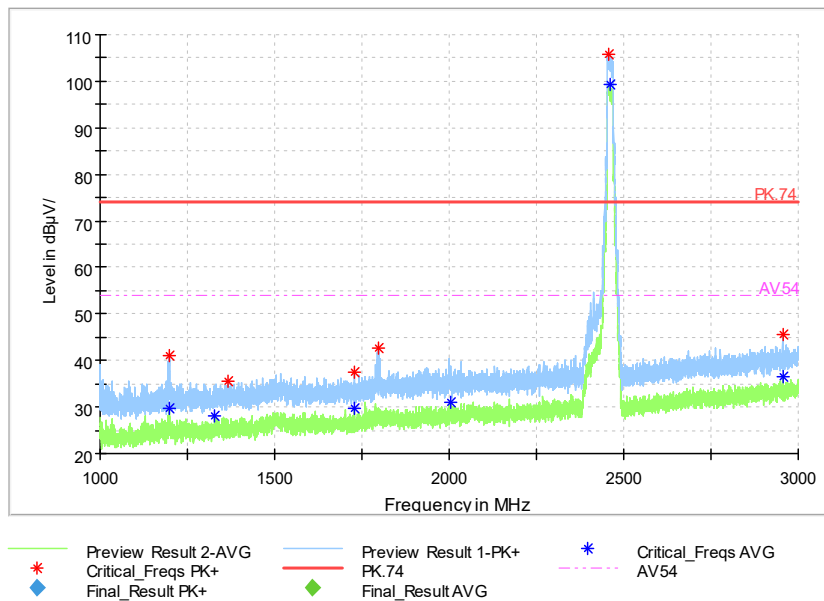


Full Spectrum



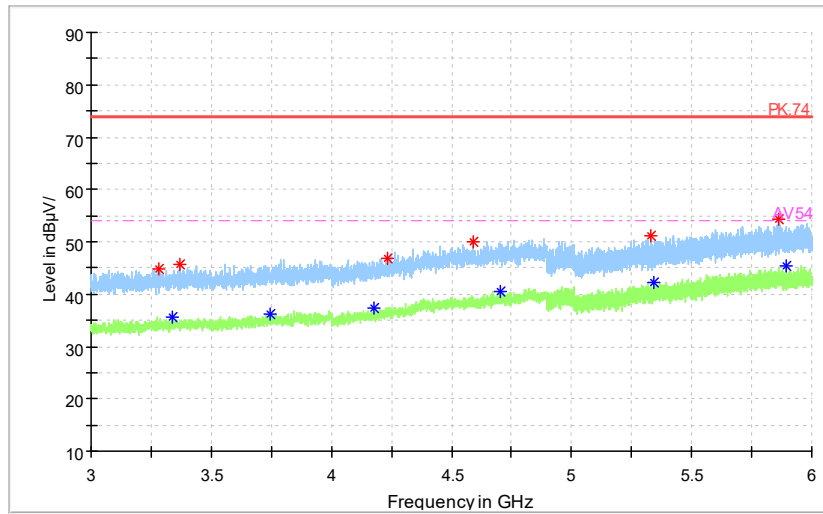
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



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

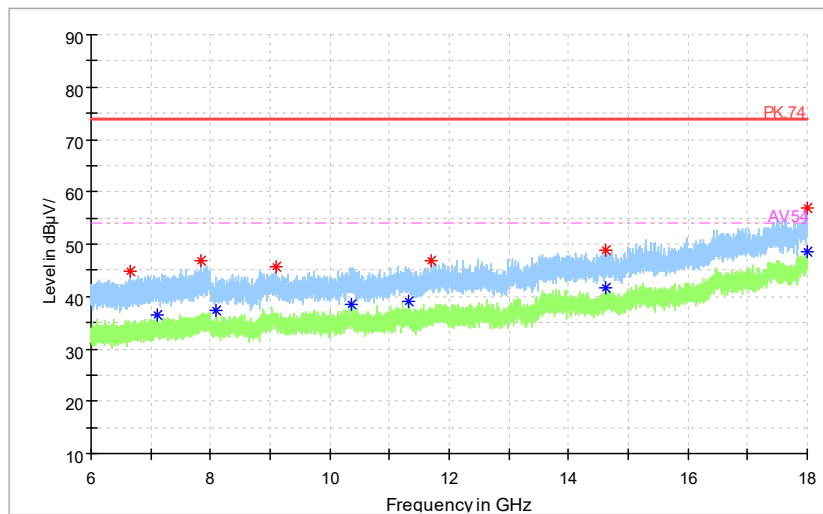
Full Spectrum



— 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: 802.11n(HT20)

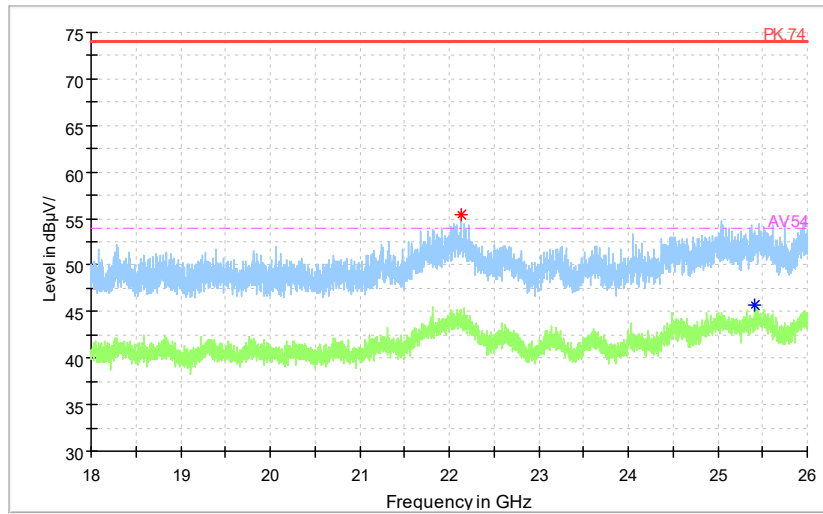
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

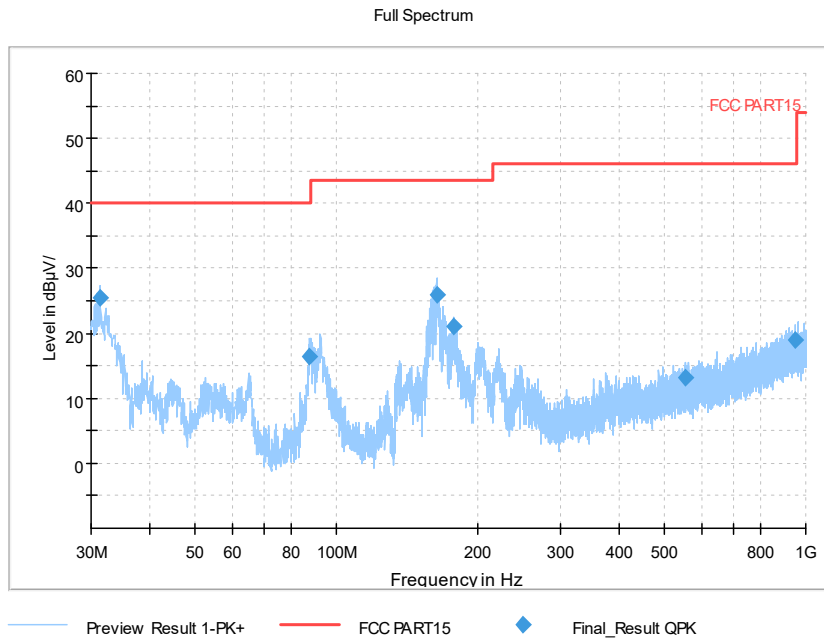
Full Spectrum



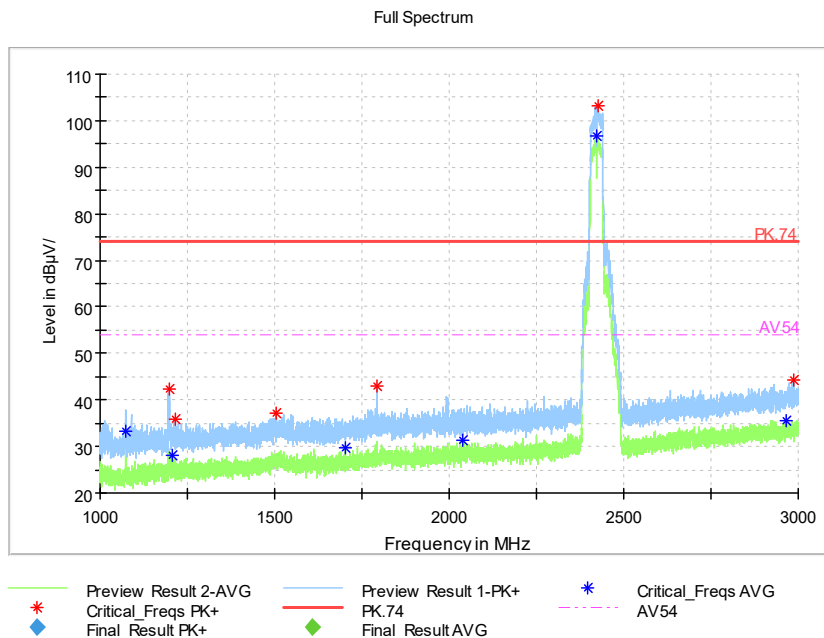
- Preview Result 2-AVG
- Preview Result 1-PK+
- PK.74
- Final\_Result AVG
- \* Critical\_Freqs PK+
- \* Critical\_Freqs AVG
- ◆ Final\_Result PK+
- - - AV54

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

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

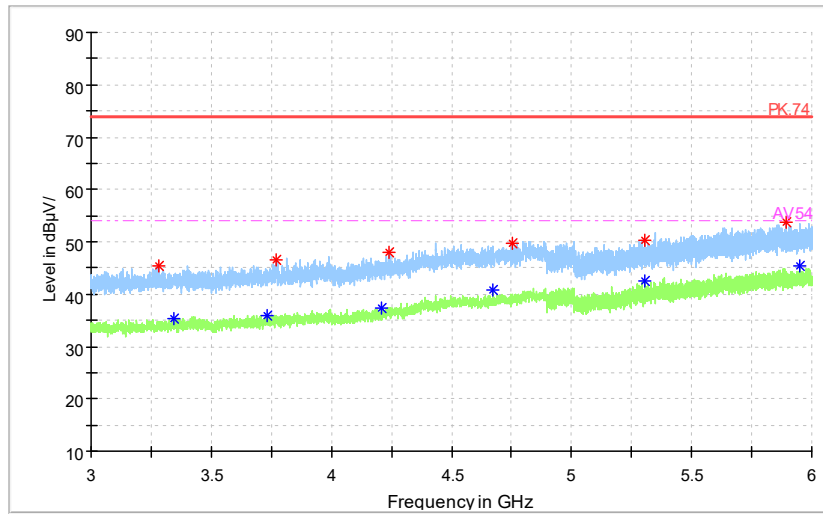


Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)



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

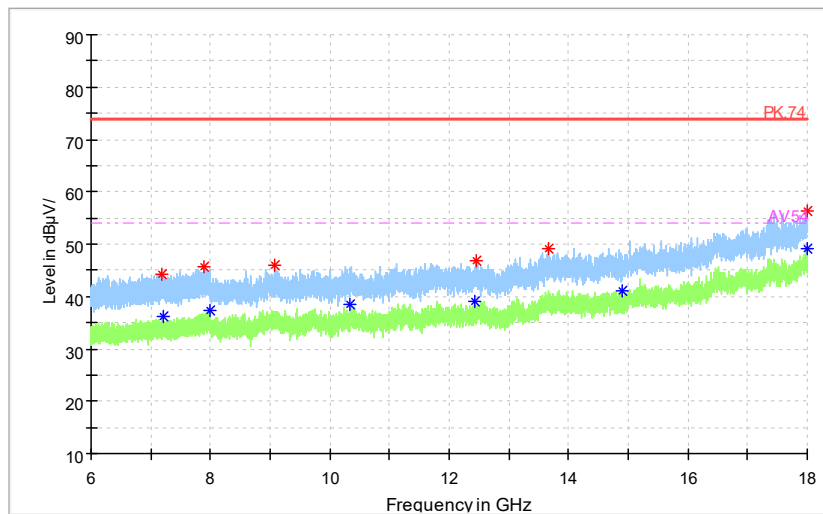
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

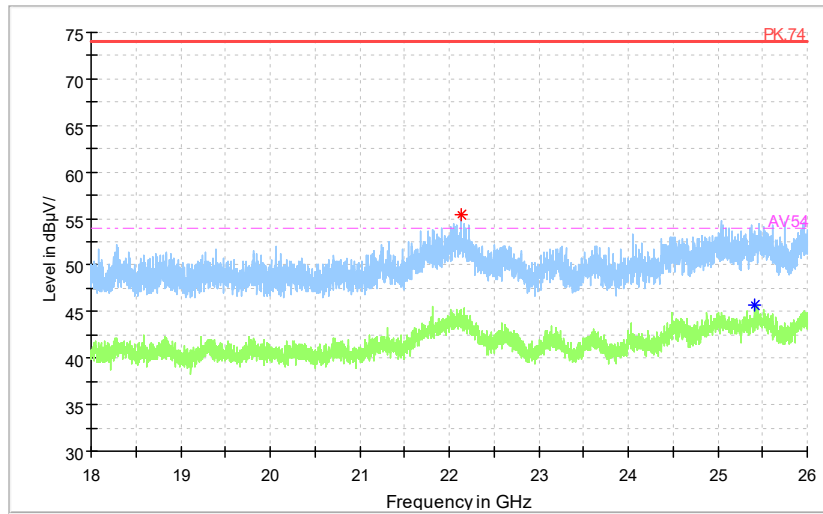
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

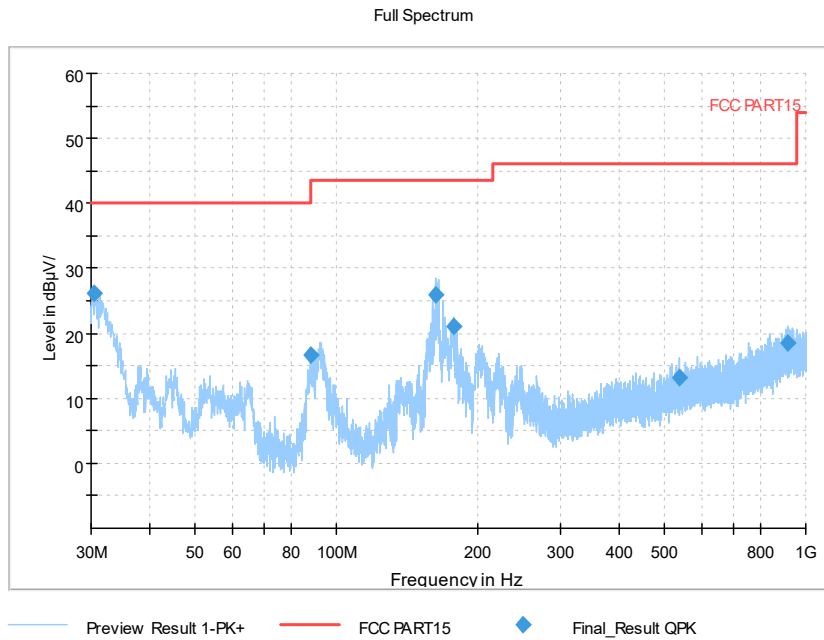
Full Spectrum



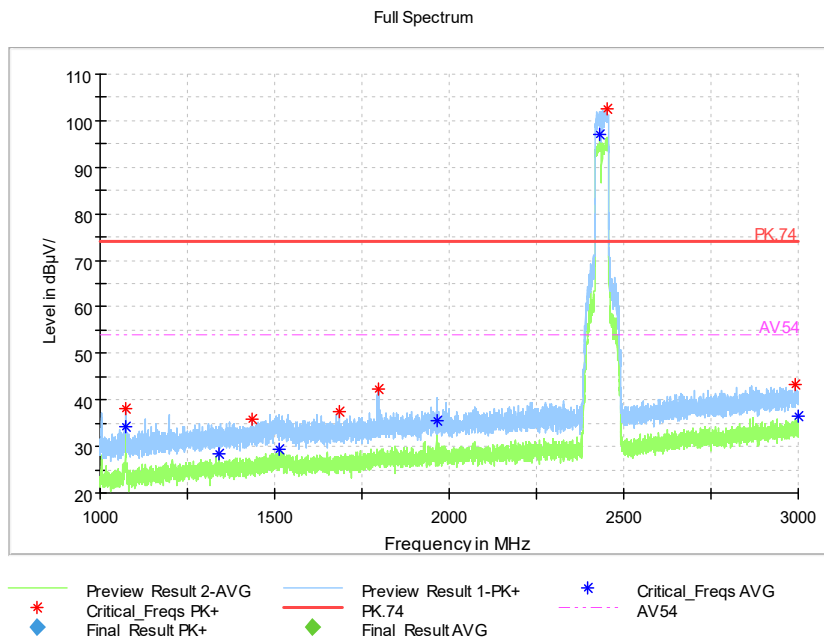
	Preview Result 2-AVG		Preview Result 1-PK+		Critical_Freqs AVG
	Critical_Freqs PK+		PK.74		AV54
	Final_Result PK+		Final_Result AVG		

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

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

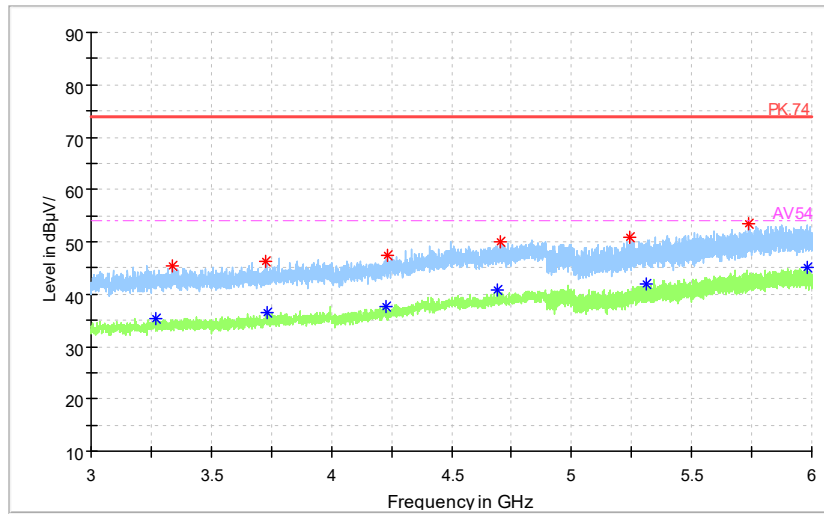


Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)



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

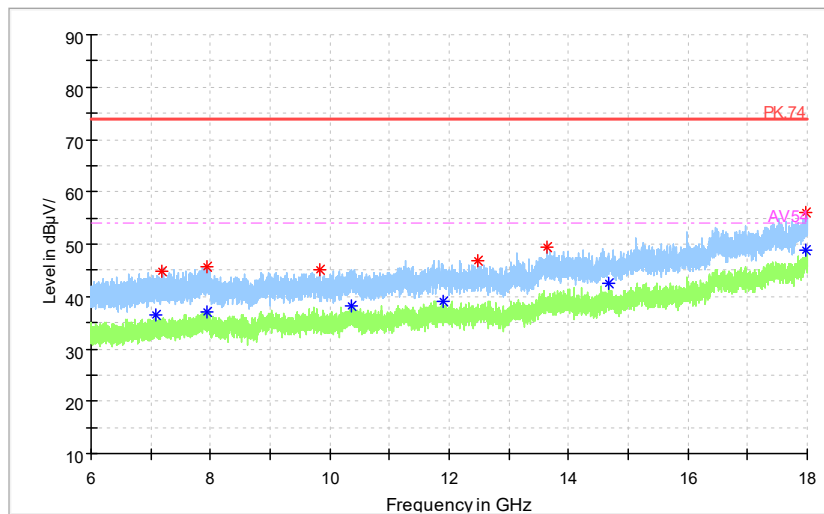
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

Full Spectrum

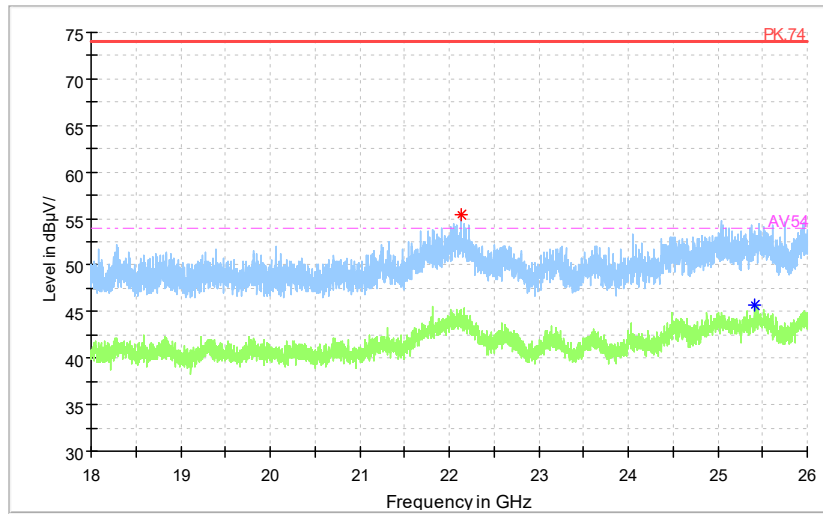


— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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



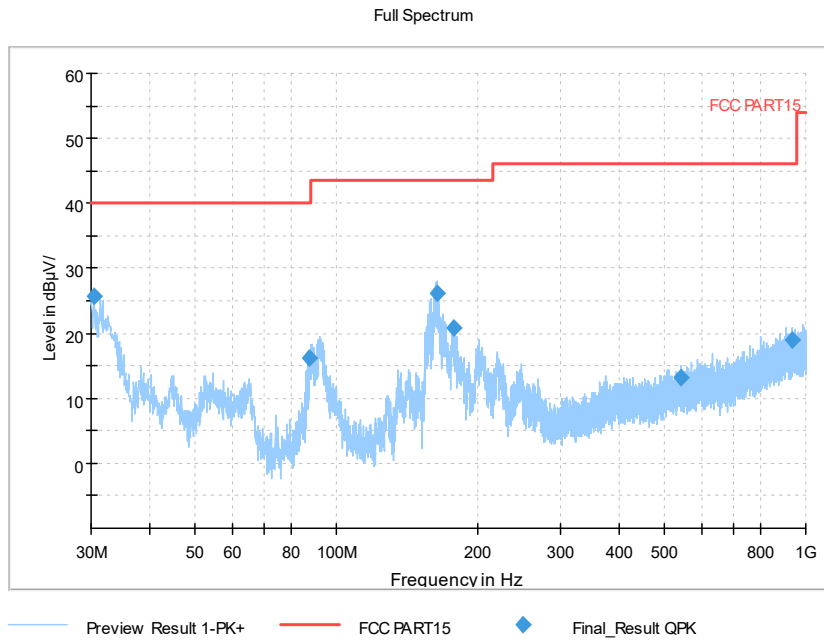
Full Spectrum



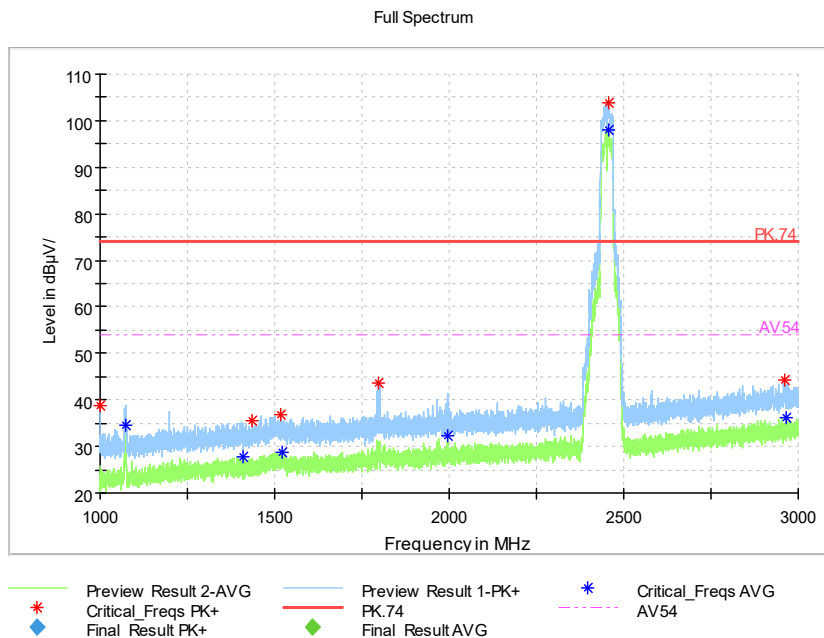
	Preview Result 2-AVG		Preview Result 1-PK+		Critical_Freqs AVG
	Critical_Freqs PK+		PK.74		AV54
	Final_Result PK+		Final_Result AVG		

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

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

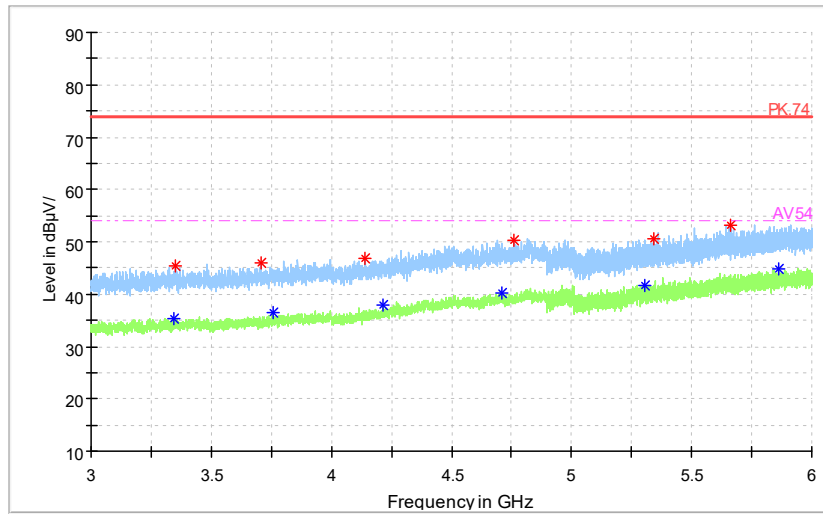


Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)



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

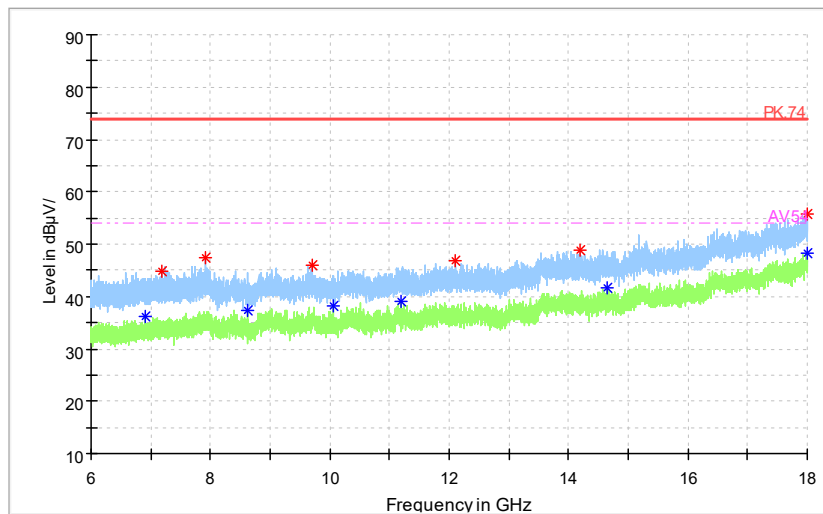
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

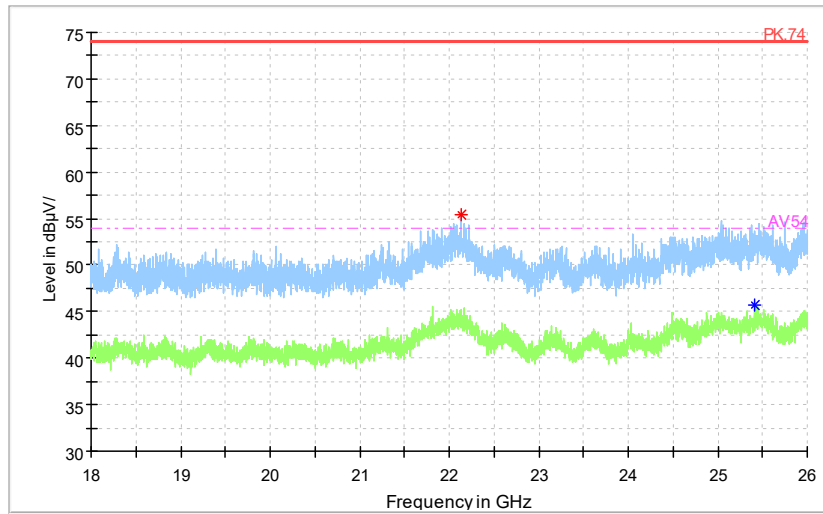
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     - - - AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

Full Spectrum



<span style="color: green;">—</span>	Preview Result 2-AVG	<span style="color: blue;">—</span>	Preview Result 1-PK+	<span style="color: blue;">*</span>	Critical_Freqs AVG
<span style="color: red;">*</span>	Critical_Freqs PK+	<span style="color: red;">—</span>	PK.74	<span style="color: pink;">- - -</span>	AV54
<span style="color: blue;">◆</span>	Final_Result PK+	<span style="color: green;">◆</span>	Final_Result AVG		

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

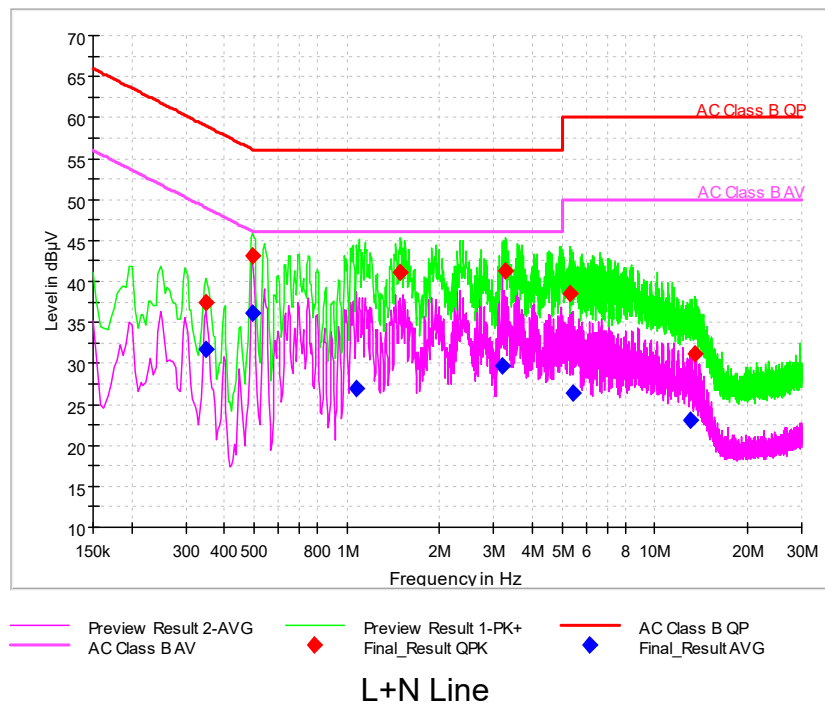
## AC Power line Conducted Emission

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:  $(37.45 \text{ dB}\mu\text{V}) = (7.65 \text{ dB}\mu\text{V}) + (29.8 \text{ dB})$ , the corresponding frequency is 0.350421MHz.



**MEASUREMENT RESULT:**

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.350421	37.45	---	58.95	21.50	N	29.8	7.65	---
0.350421	---	31.69	48.95	17.26	L1	29.7	---	1.99
0.495407	---	36.13	46.08	9.94	L1	29.7	---	6.43
0.495407	43.21	---	56.08	12.87	L1	29.7	13.51	---
1.075350	---	26.85	46.00	19.15	N	29.8	---	-2.95
1.493250	41.15	---	56.00	14.85	N	29.8	11.35	---
3.186171	---	29.66	46.00	16.34	L1	29.8	---	-0.14
3.288514	41.23	---	56.00	14.77	L1	29.8	11.43	---
5.331107	38.45	---	60.00	21.55	L1	29.8	8.65	---
5.433450	---	26.46	50.00	23.54	N	29.9	---	-3.44
13.109164	---	23.13	50.00	26.87	N	30.1	---	-6.97
13.561179	31.17	---	60.00	28.83	N	30.1	1.07	---

---End of the test report---