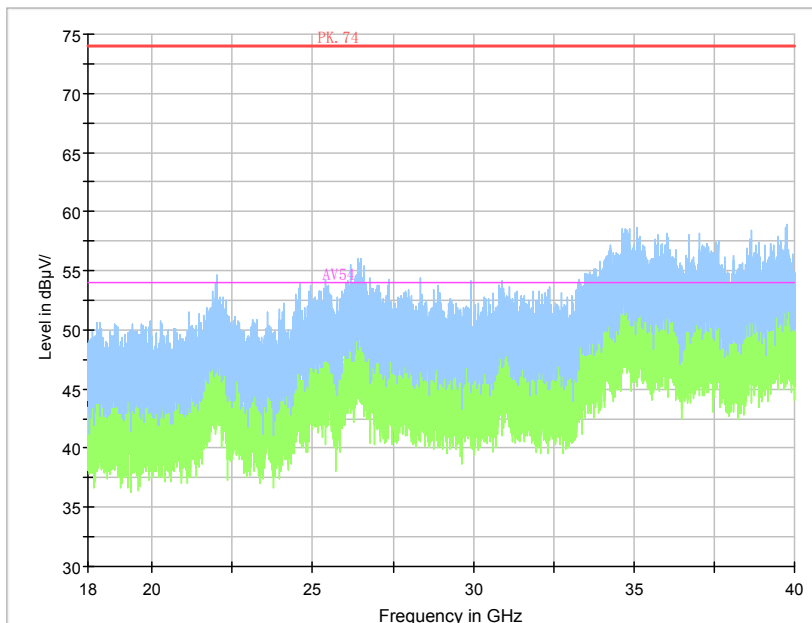
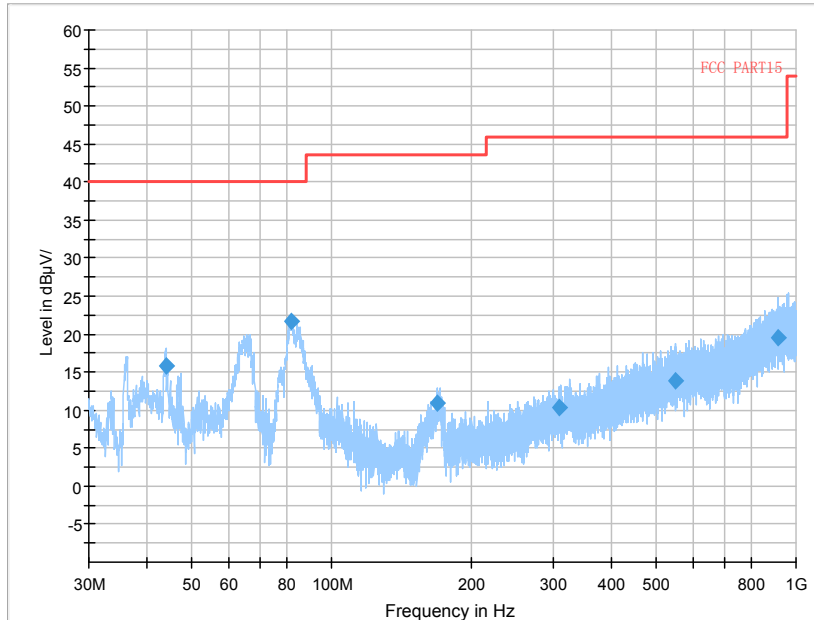


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

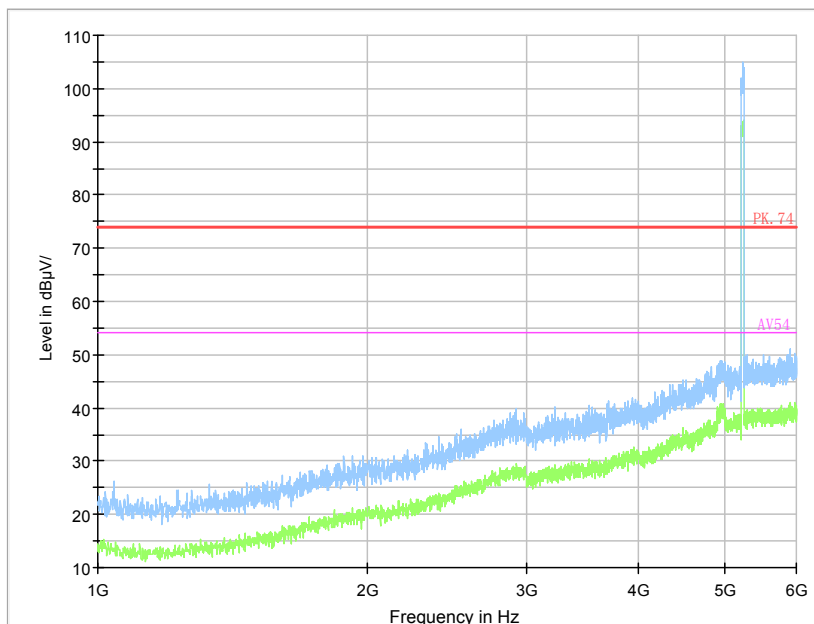


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

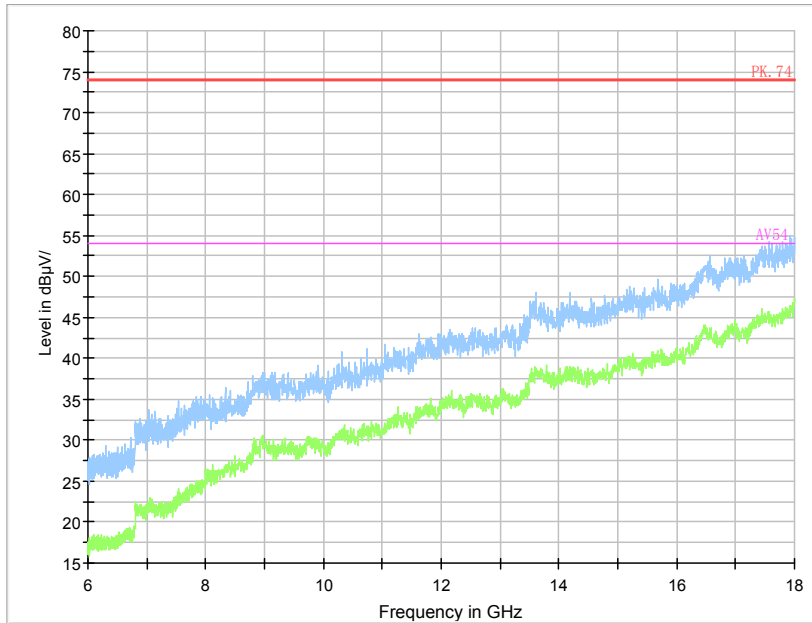
For 802.11ac



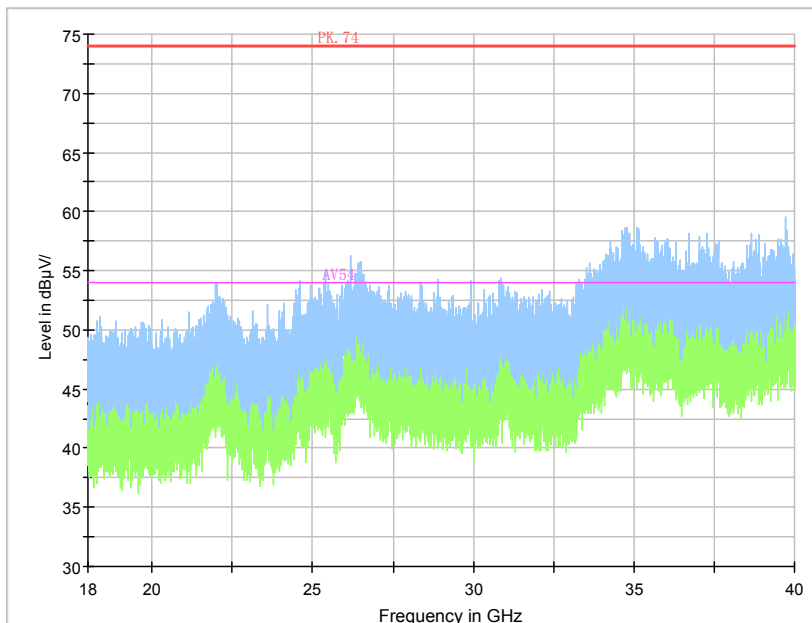
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

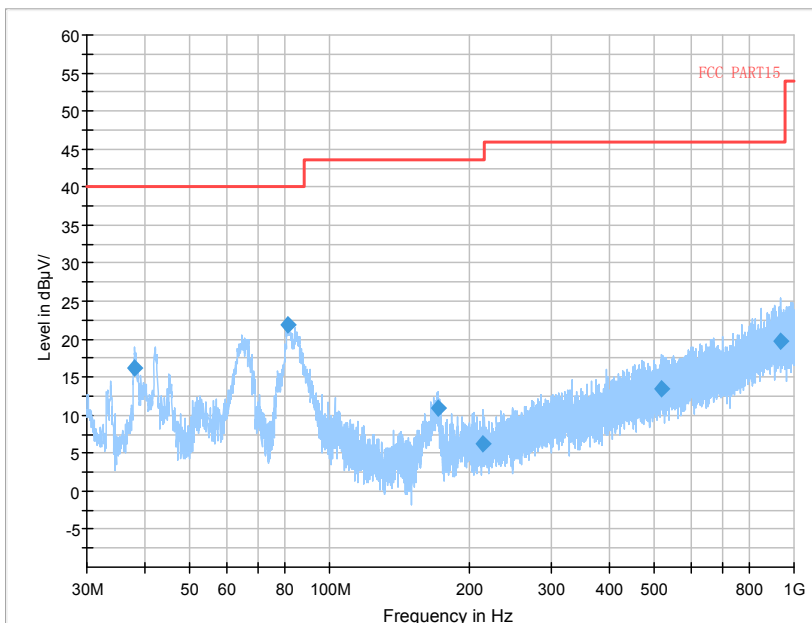


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

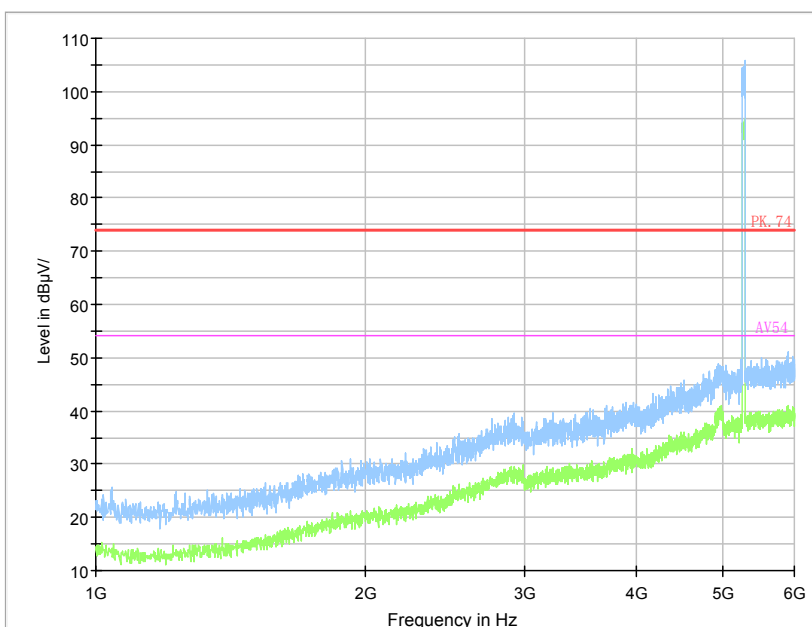


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

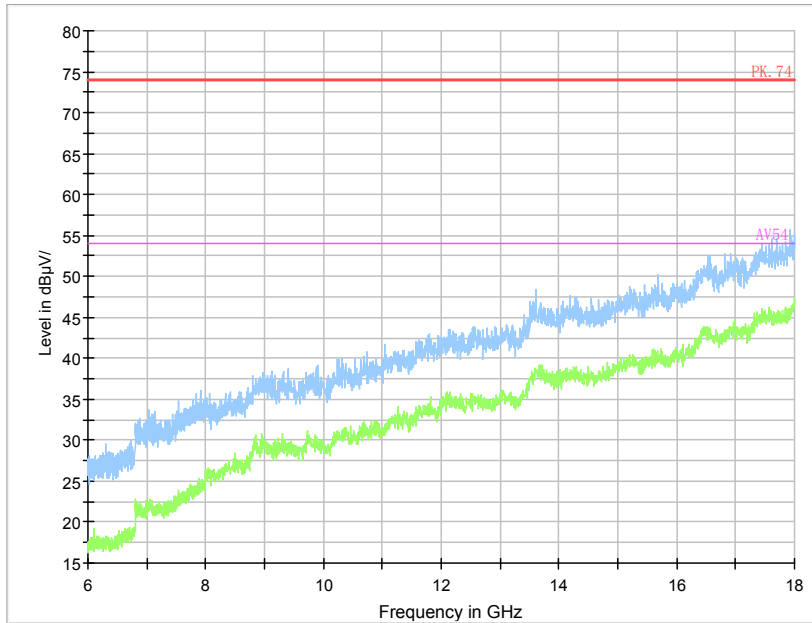
Carrier frequency (MHz): 5270MHz
For 802.11n(HT40)



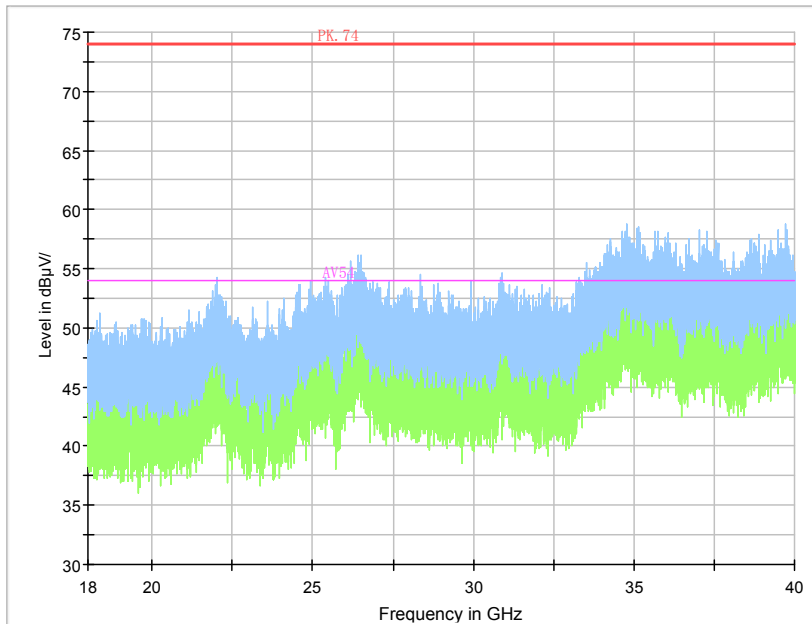
Frequency Range: 30MHz -1GHz
Detector: QP mode



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode

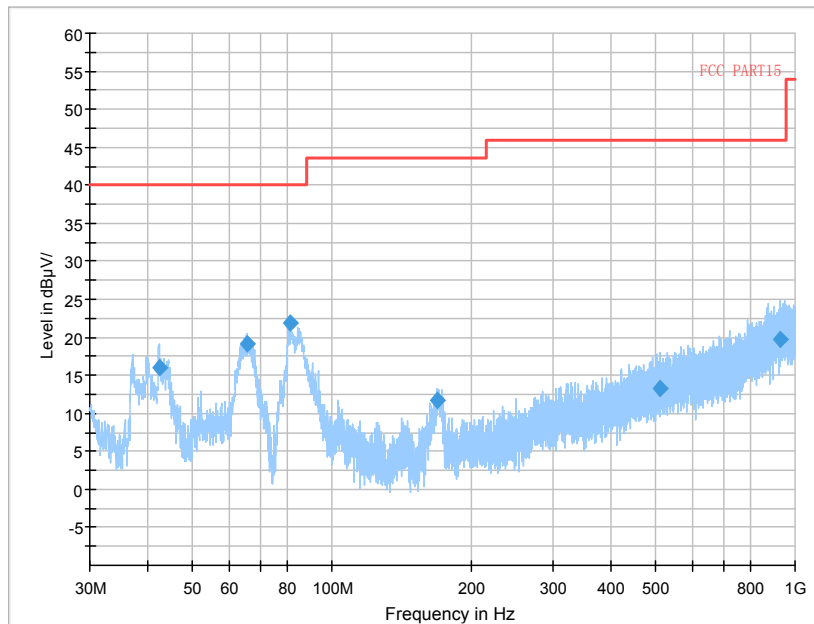


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

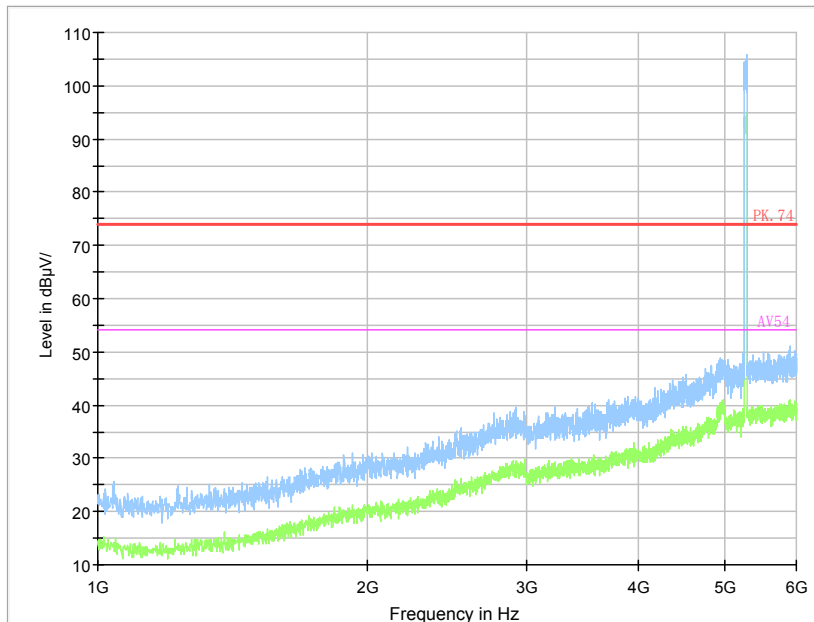


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

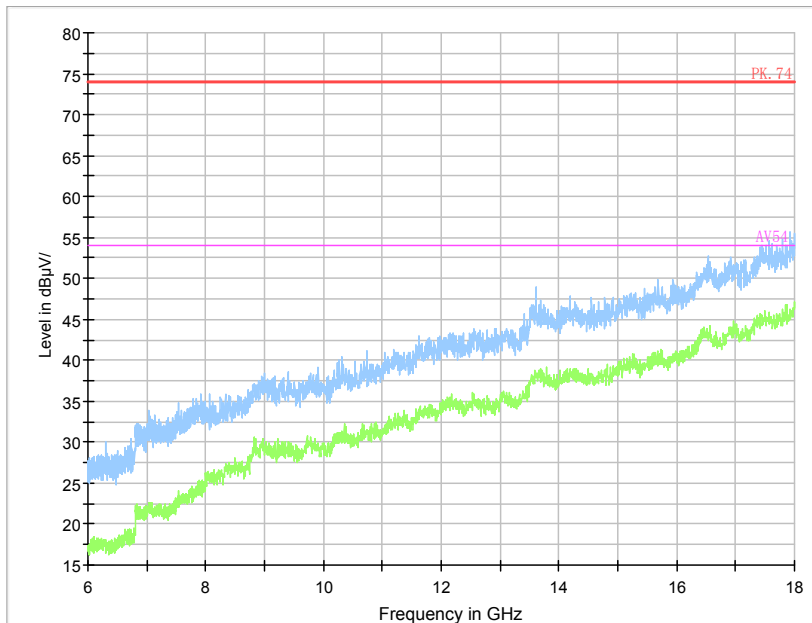
For 802.11ac



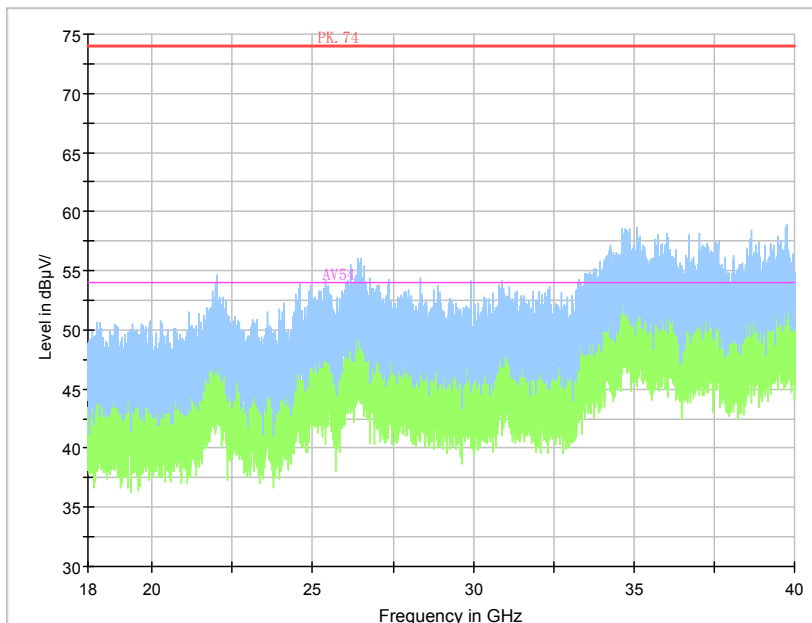
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

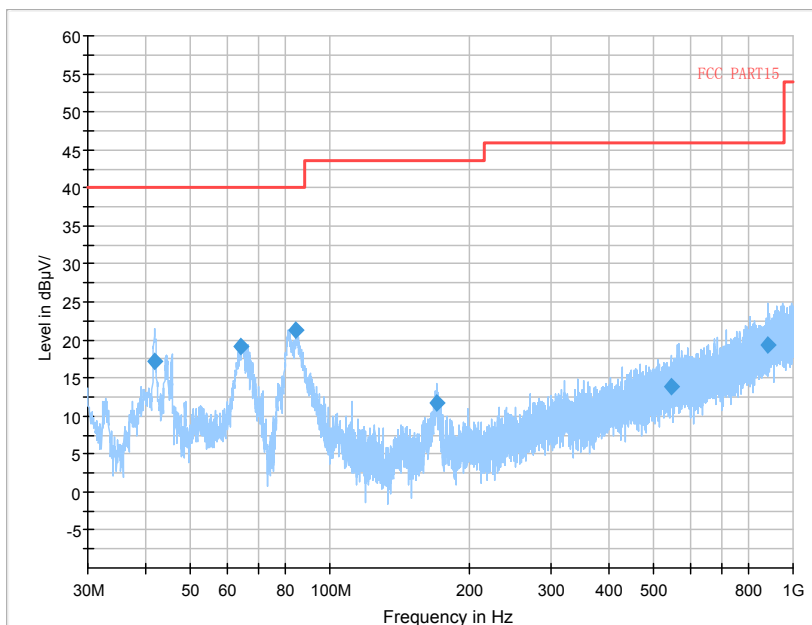


Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode

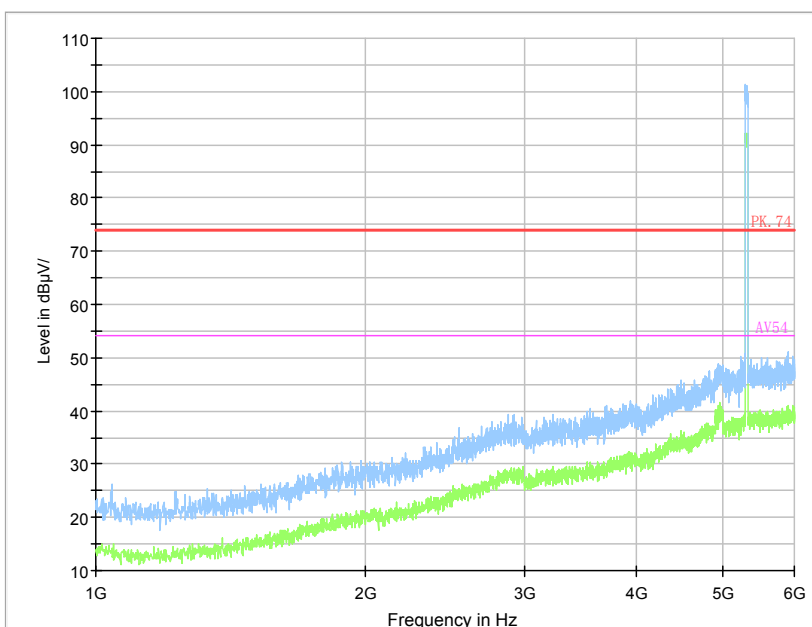


Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

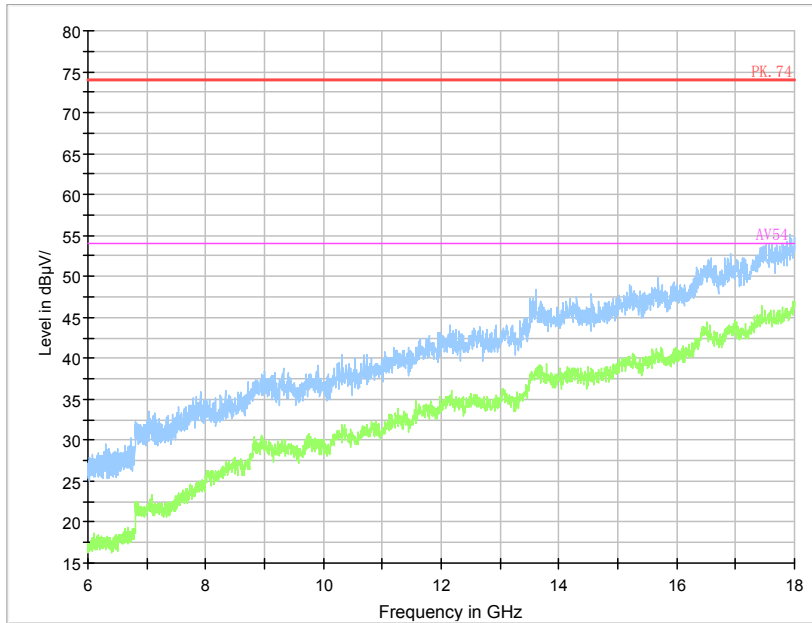
Carrier frequency (MHz): 5310MHz
 For 802.11n(HT40)



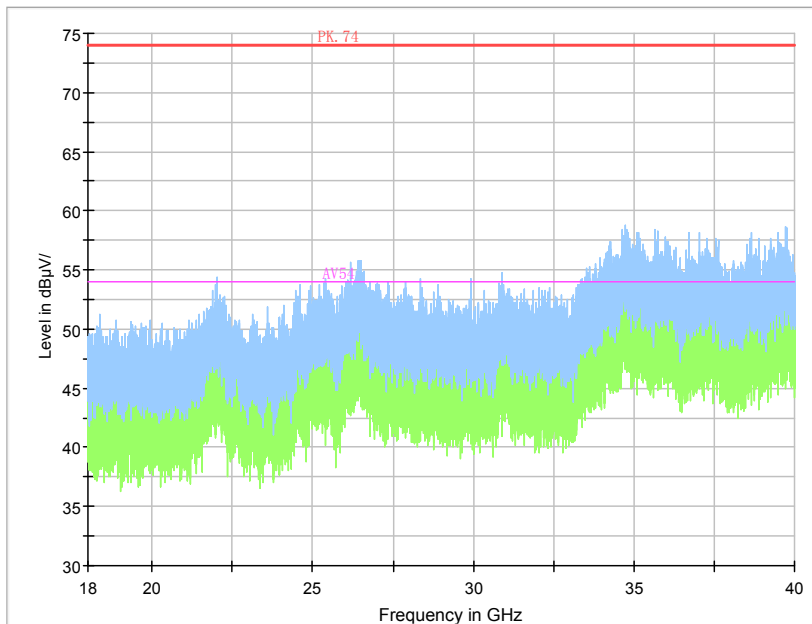
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

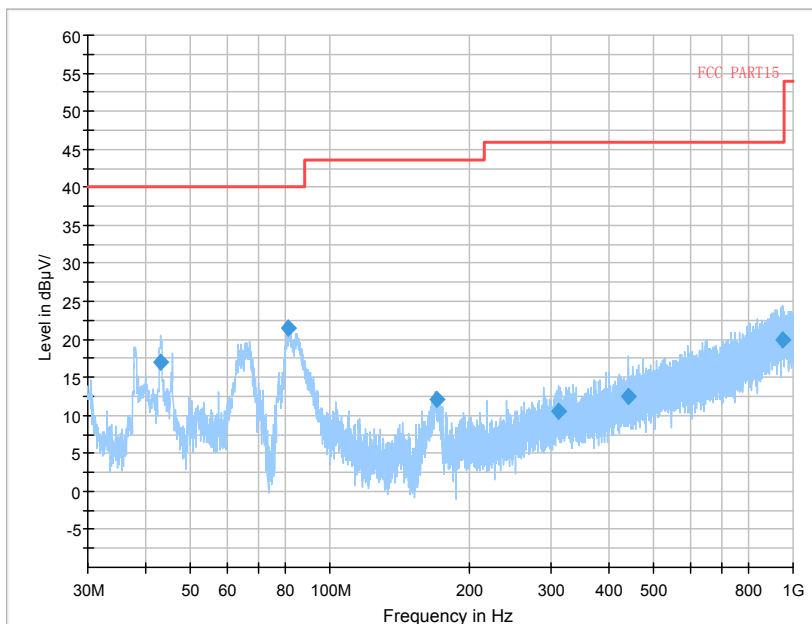


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

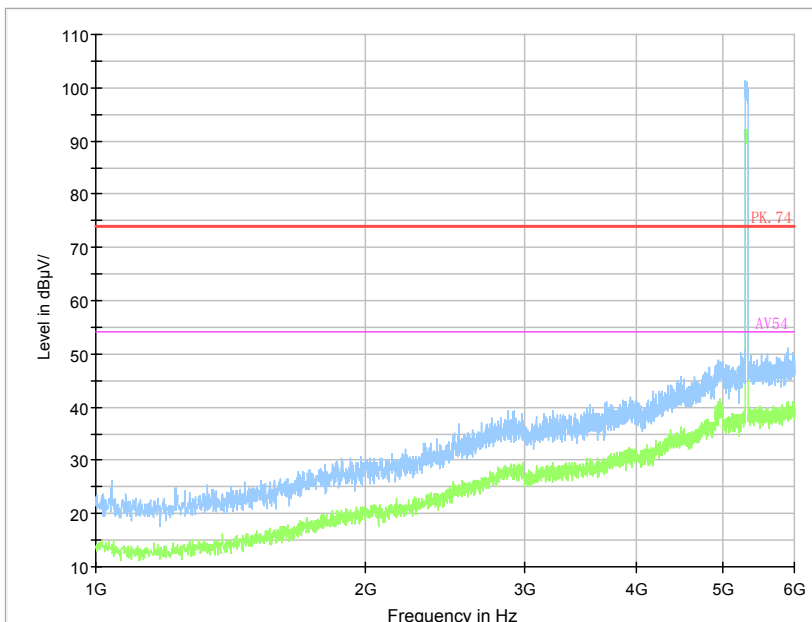


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

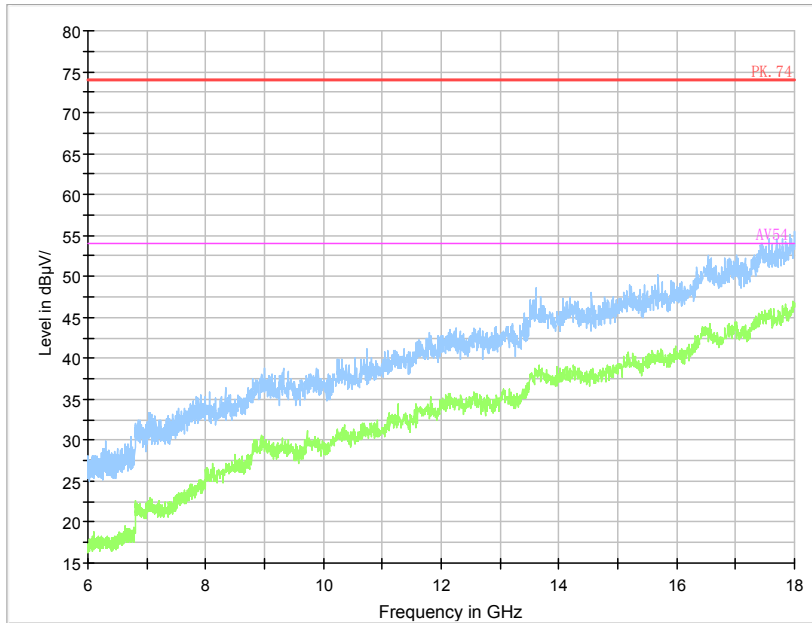
For 802.11ac



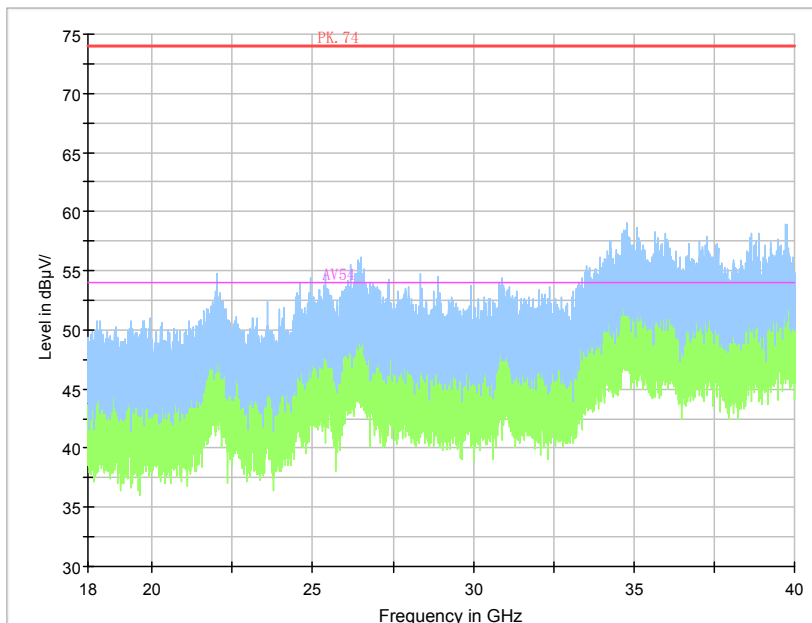
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

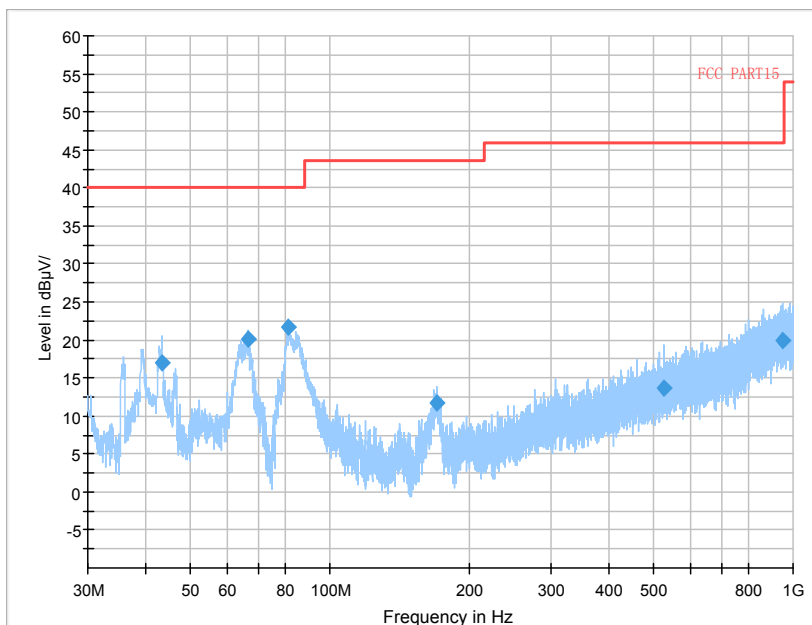


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

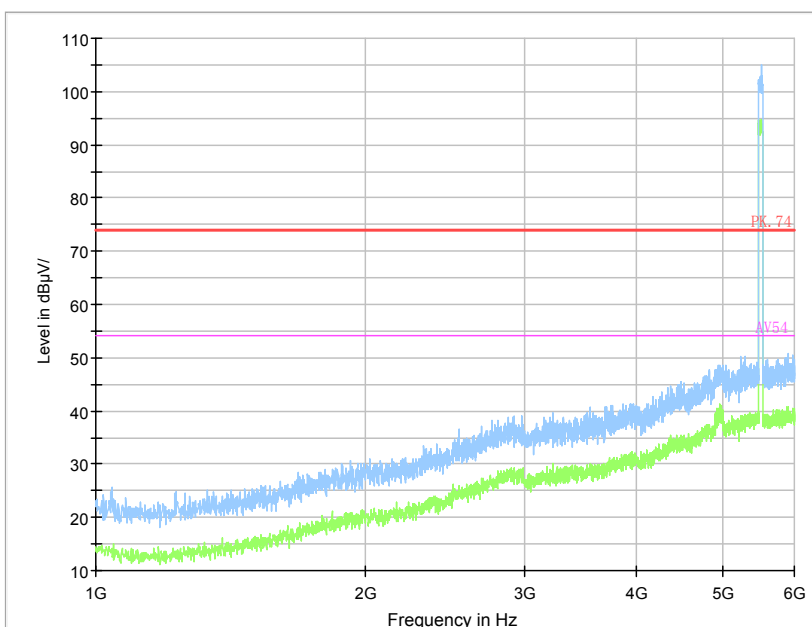


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

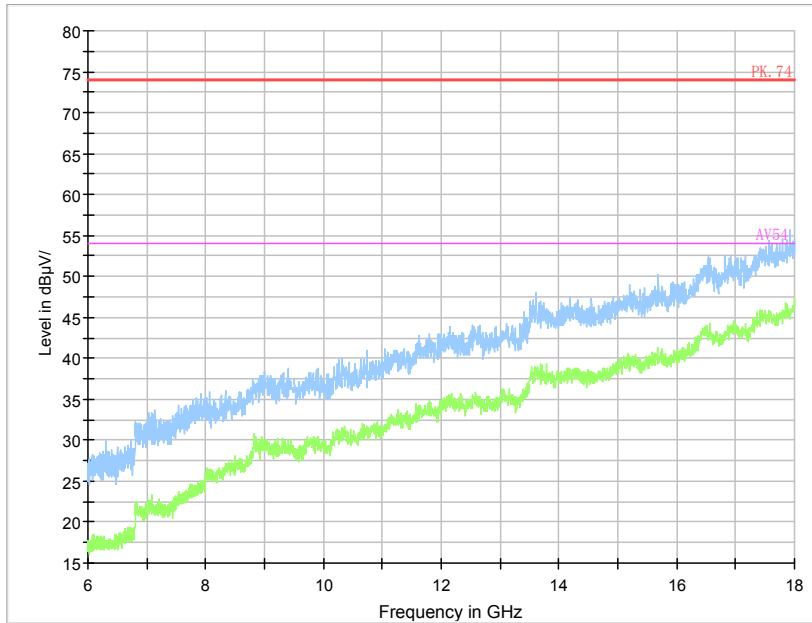
Carrier frequency (MHz): 5510 MHz
For 802.11n(HT40)



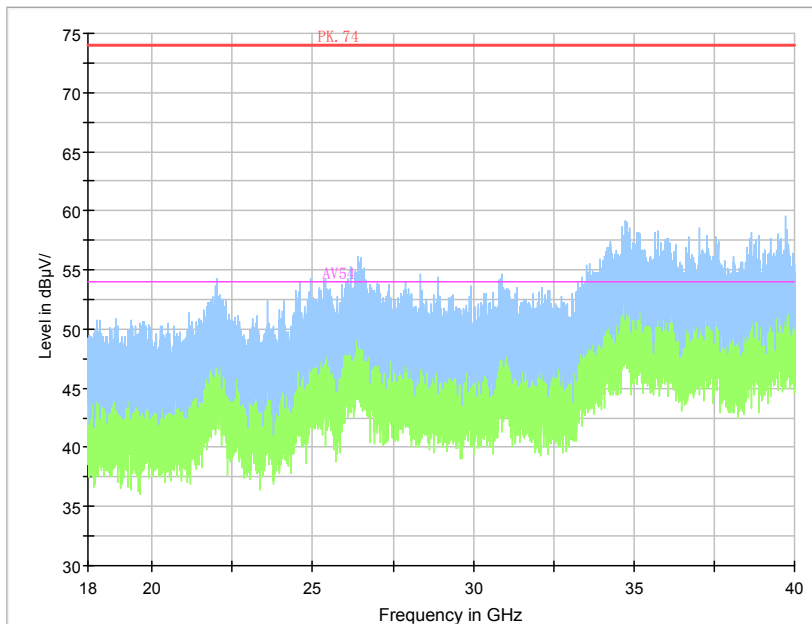
Frequency Range: 30MHz -1GHz
Detector: QP mode



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode

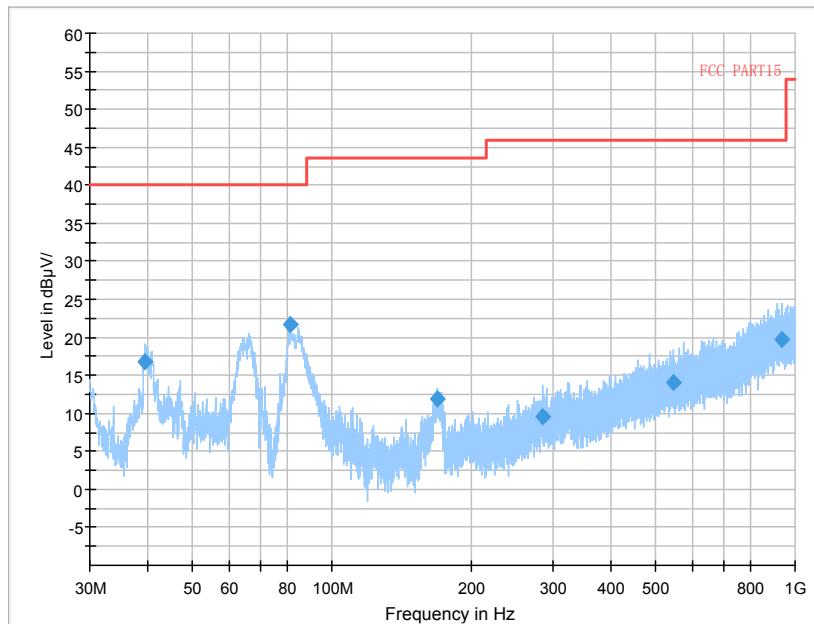


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

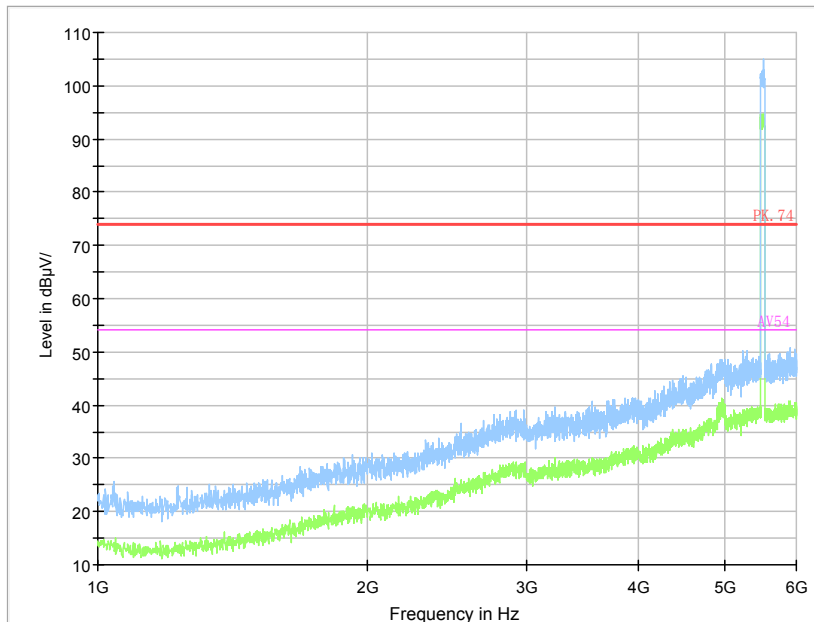


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

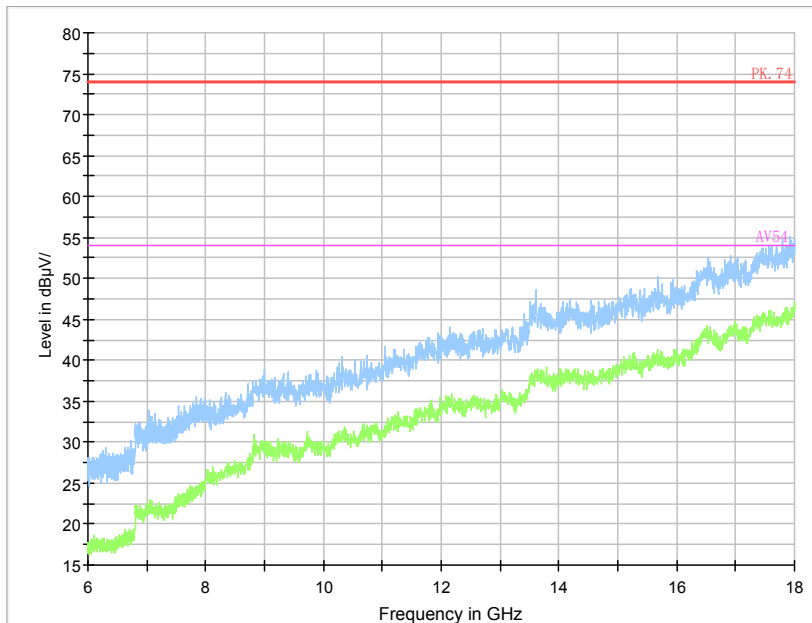
For 802.11ac



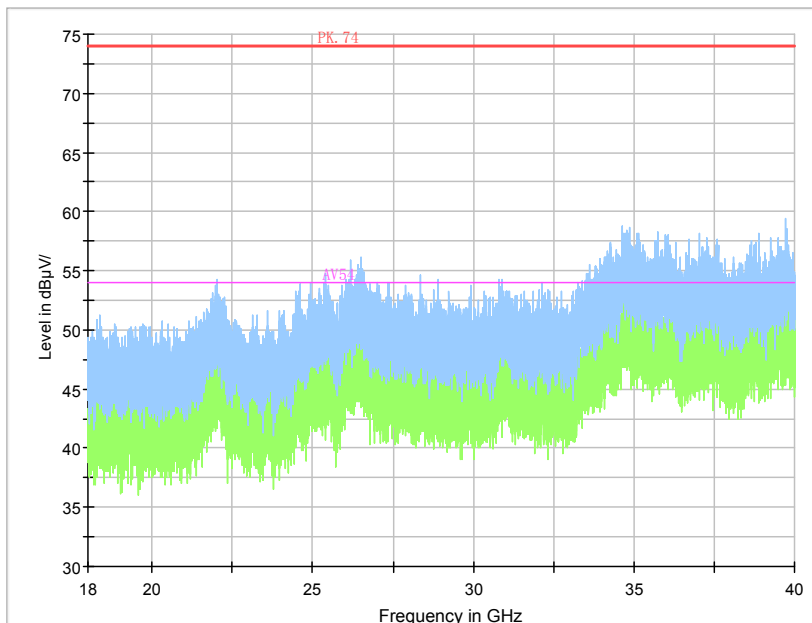
Frequency Range: 30MHz -1GHz
Detector: QP mode



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode

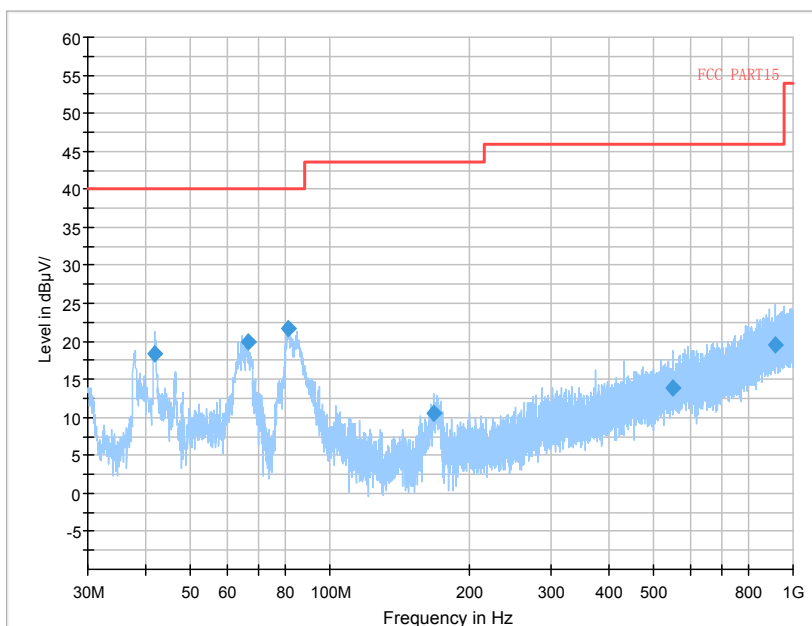


Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode

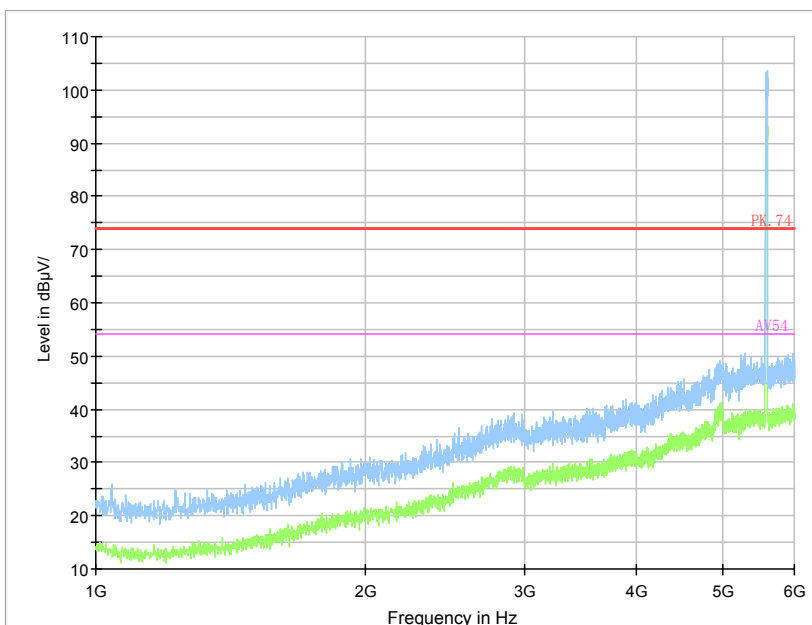


Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

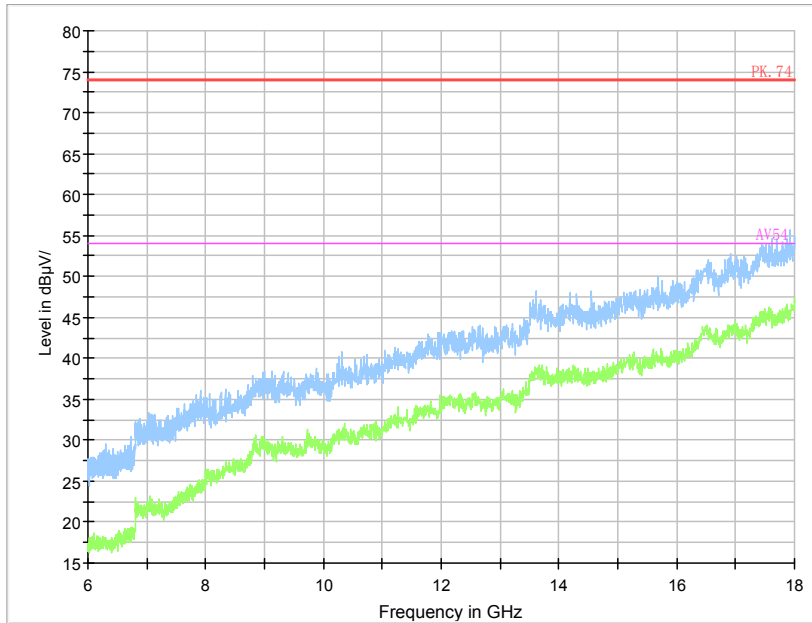
Carrier frequency (MHz): 5590 MHz
 For 802.11n(HT40)



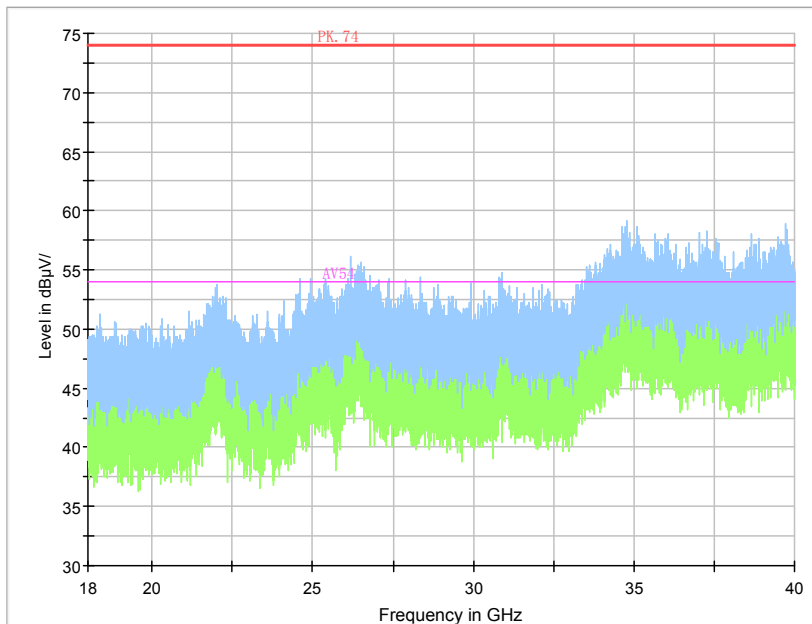
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

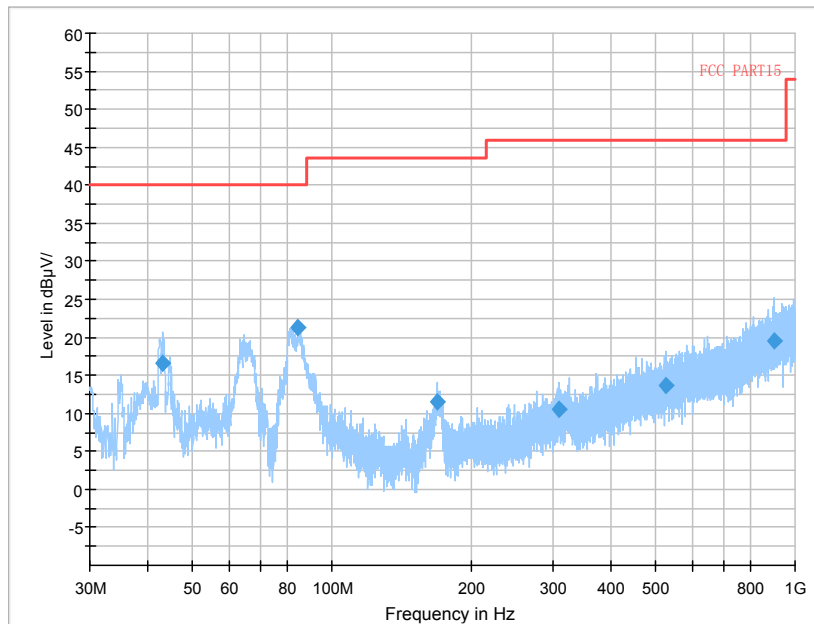


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

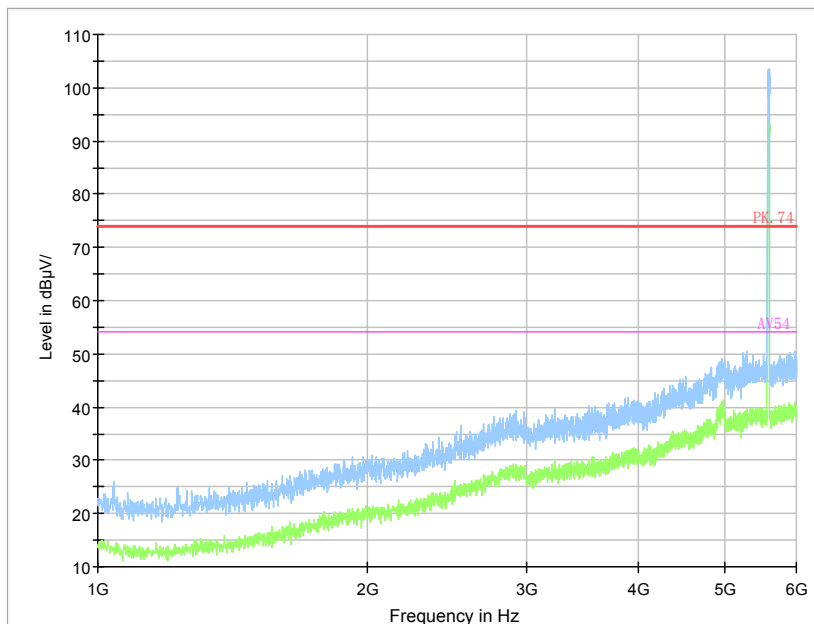


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

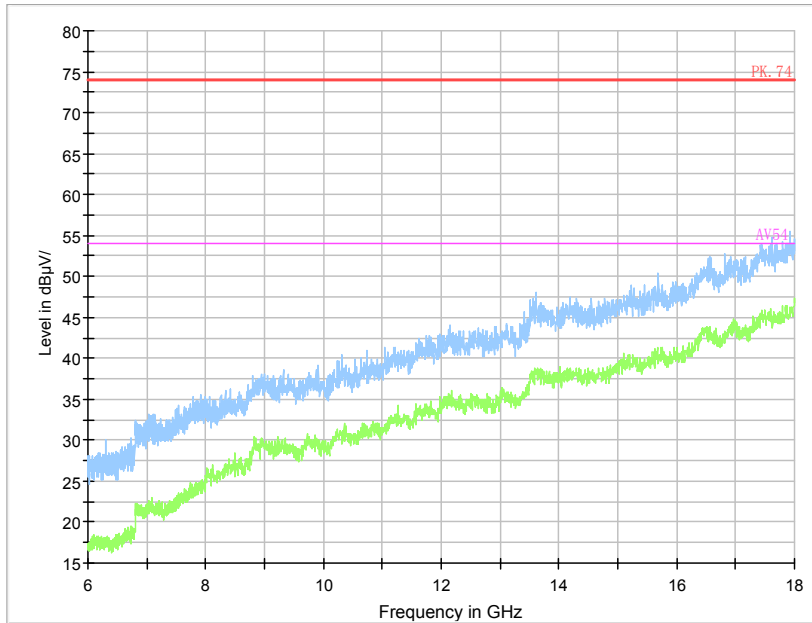
For 802.11ac



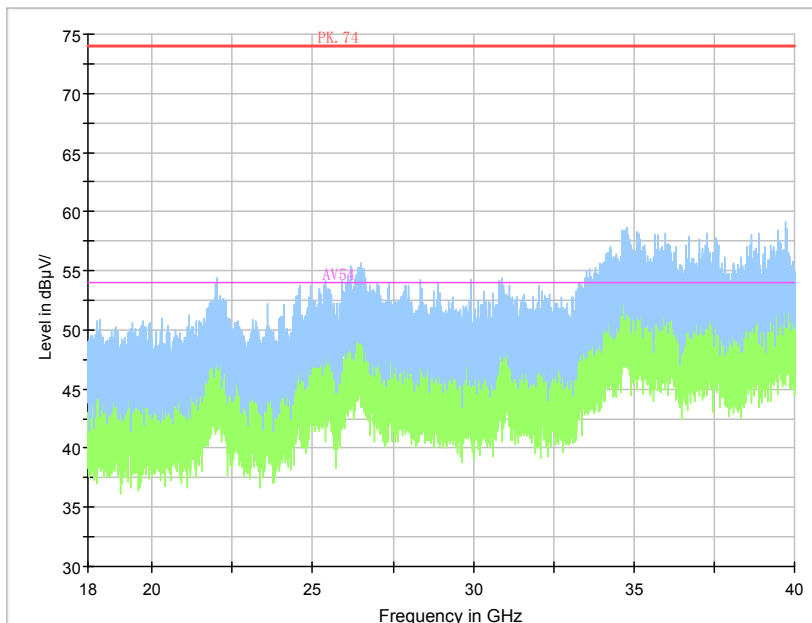
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

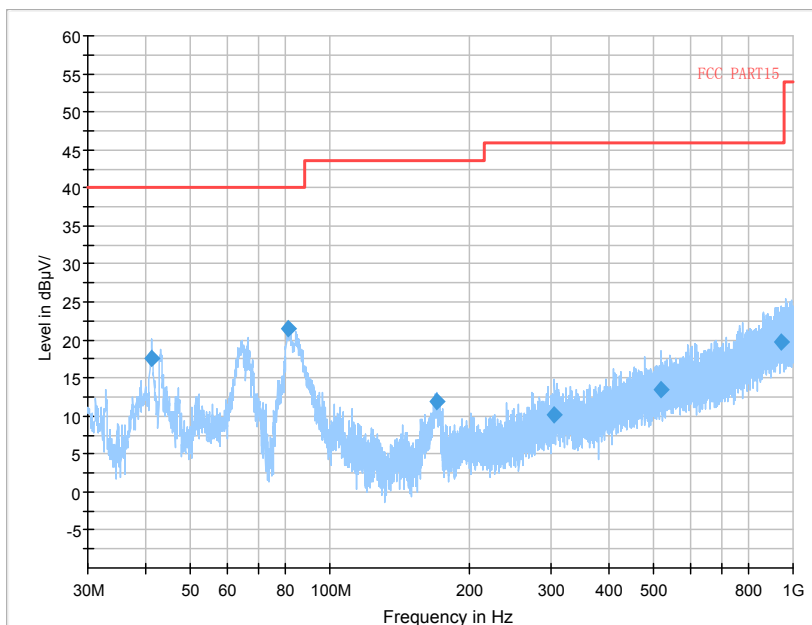


Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode

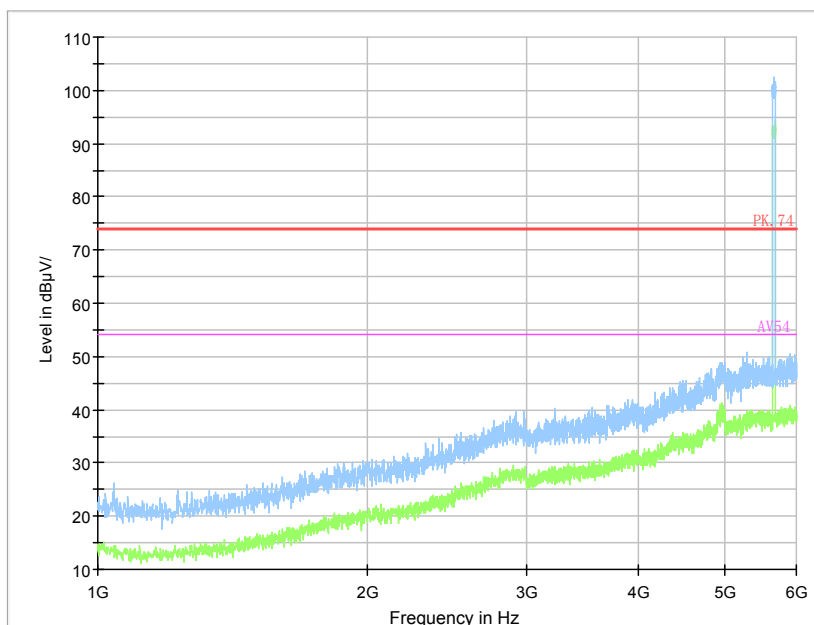


Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

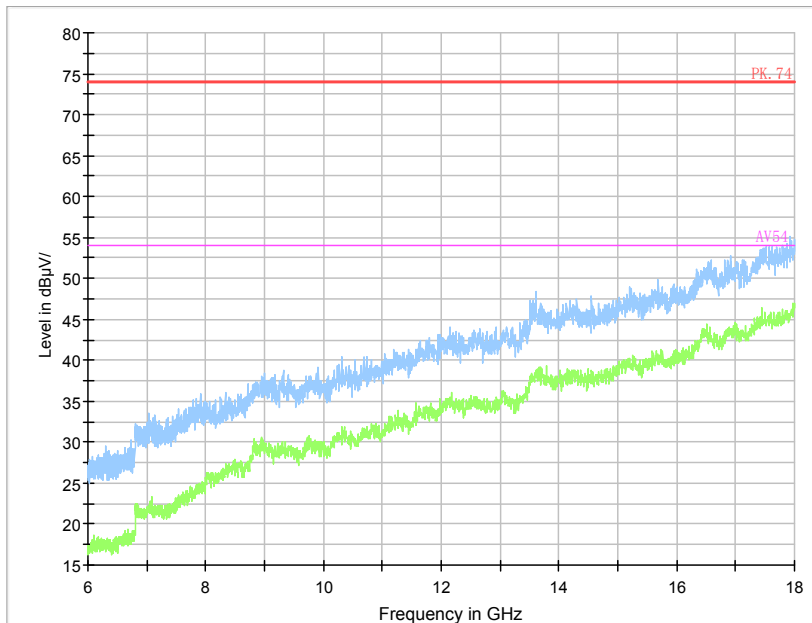
Carrier frequency (MHz): 5670MHz
For 802.11n(HT40)



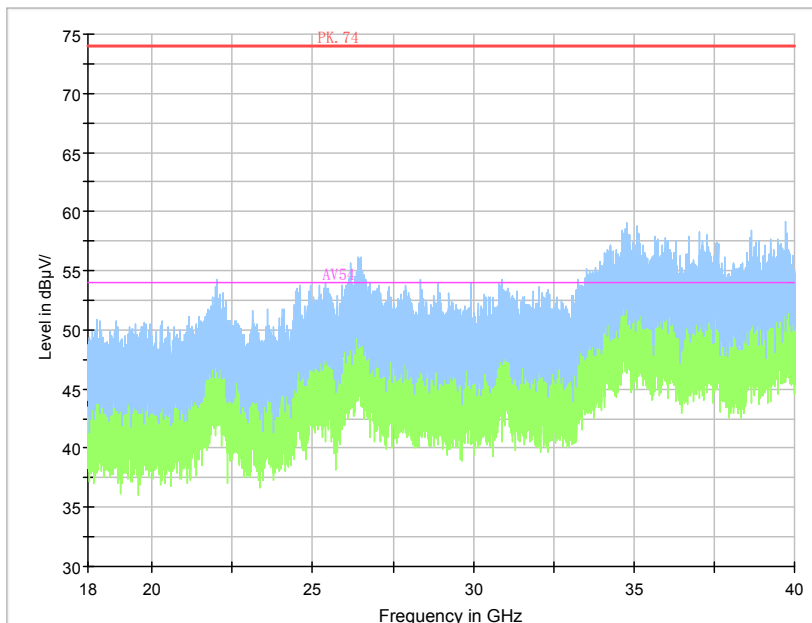
Frequency Range: 30MHz -1GHz
Detector: QP mode



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode

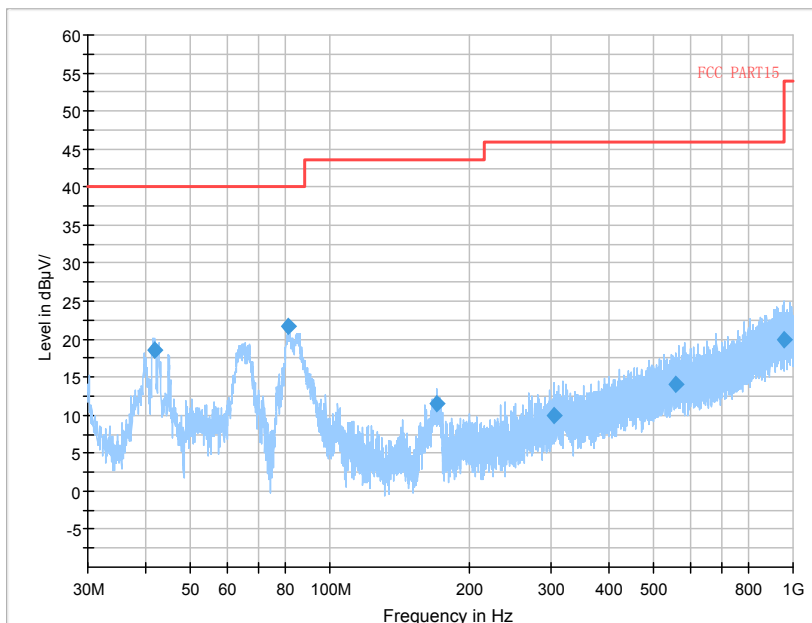


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

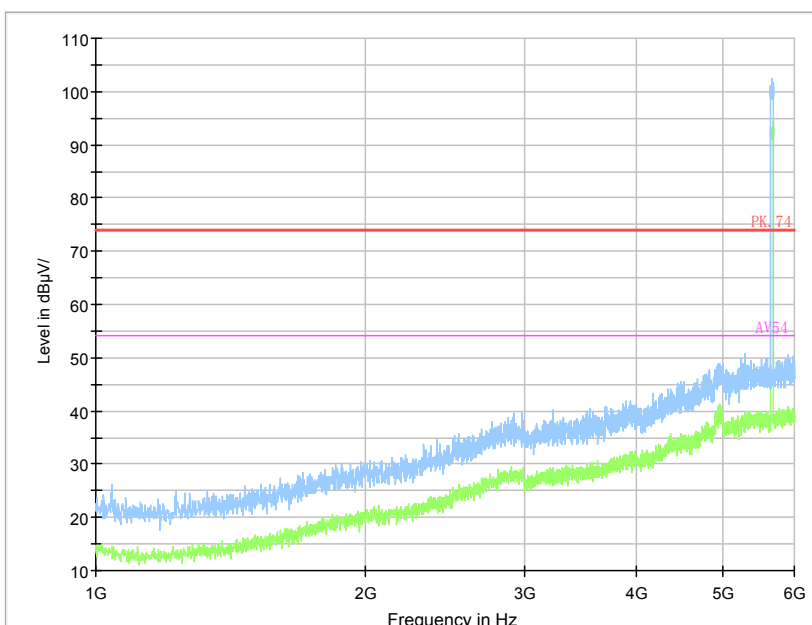


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

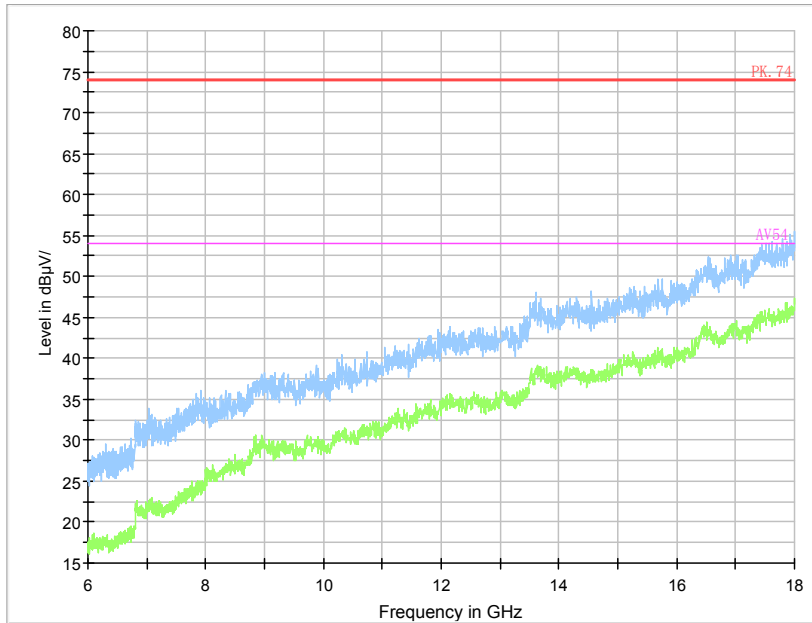
For 802.11ac



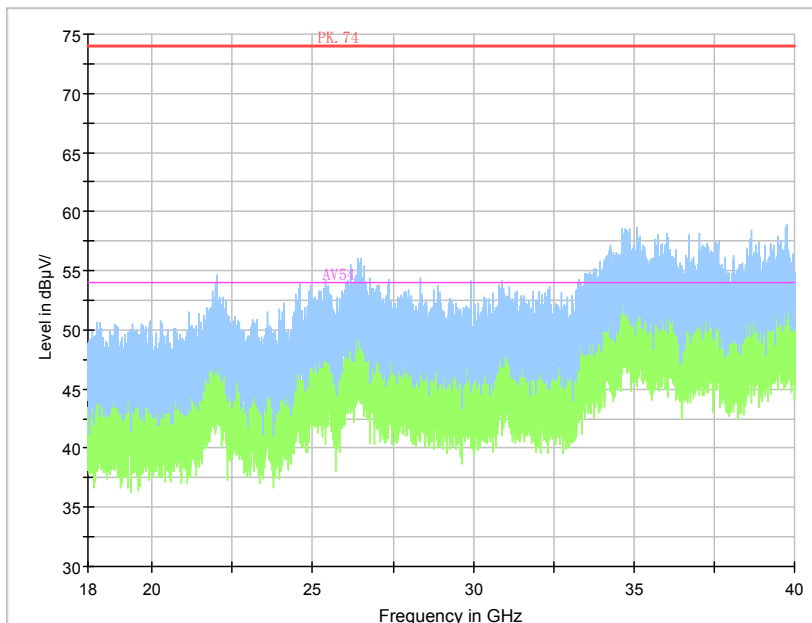
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

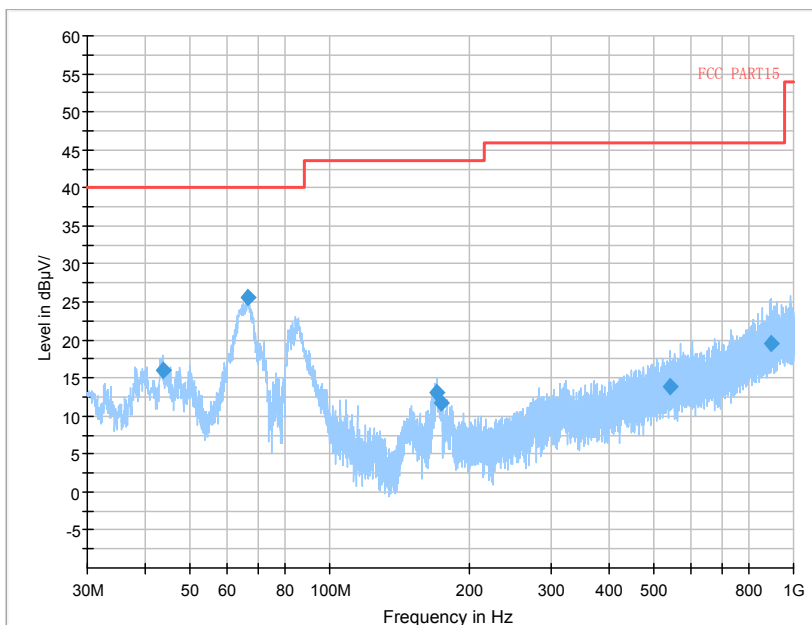


Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode

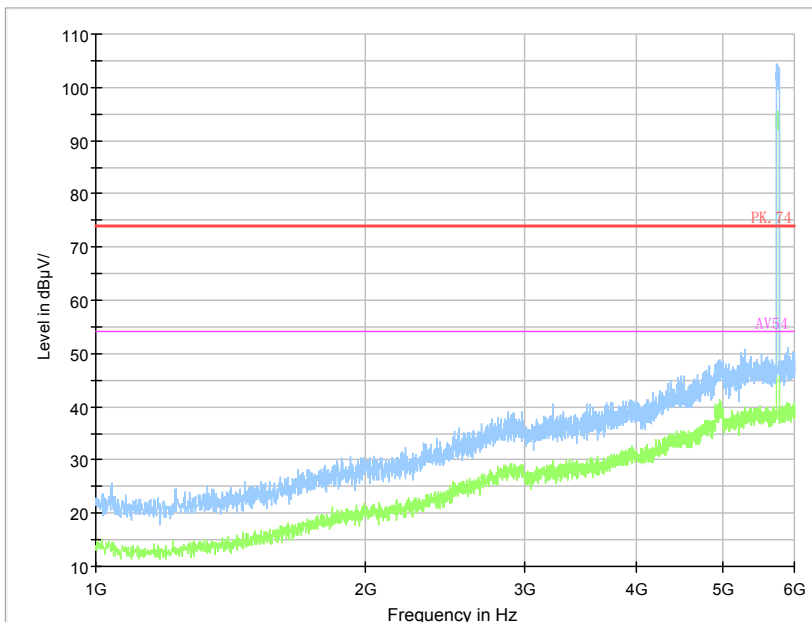


Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

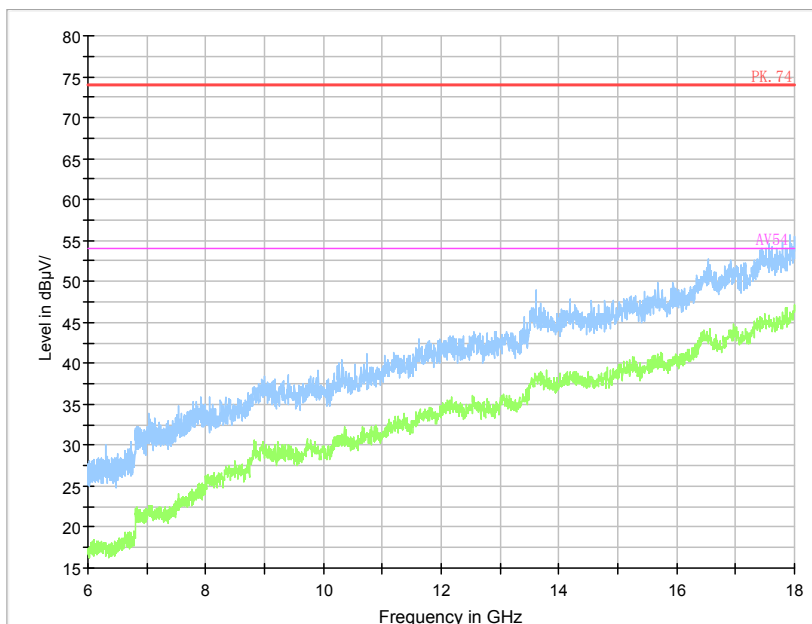
Carrier frequency (MHz): 5755 MHz
 For 802.11n(HT40)



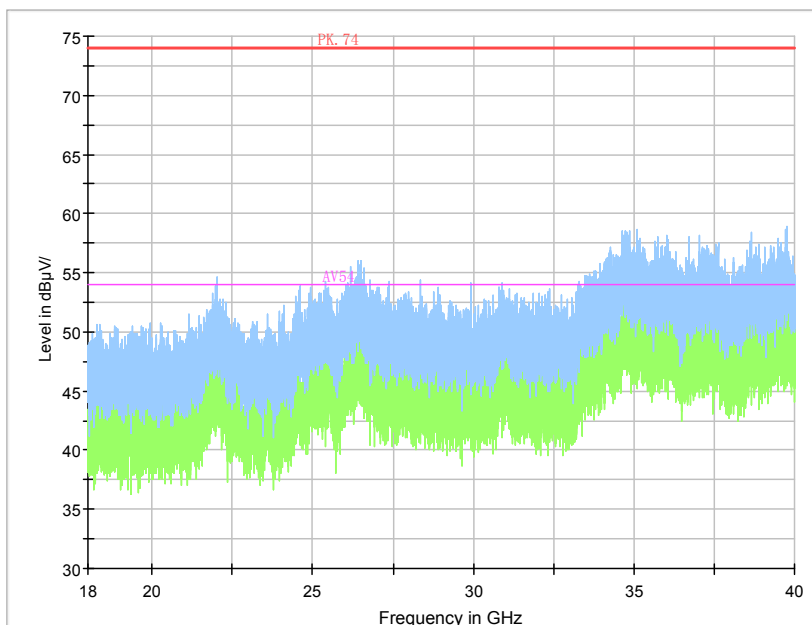
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

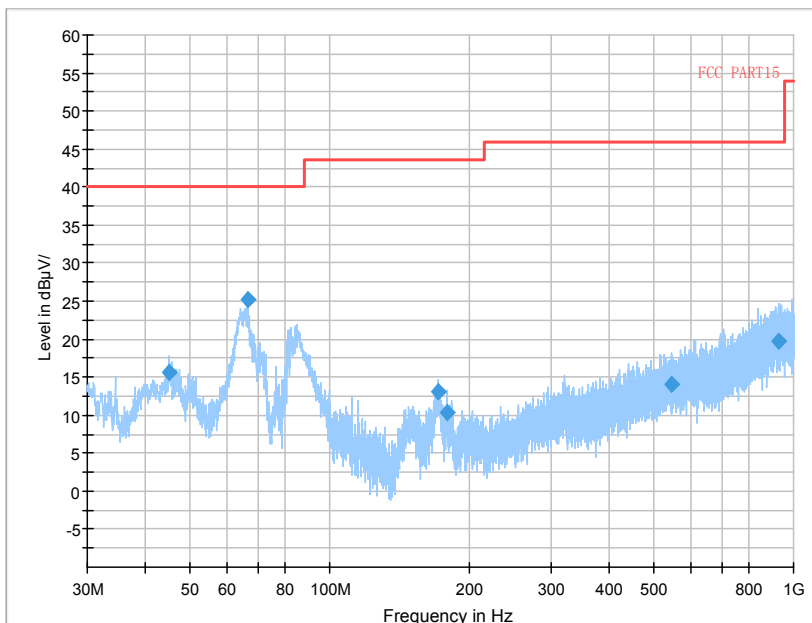


Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode

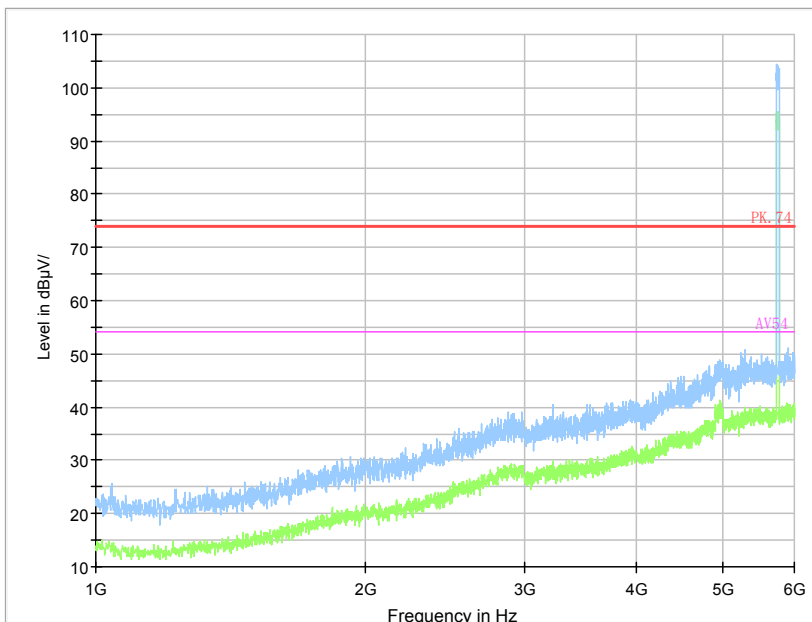


Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

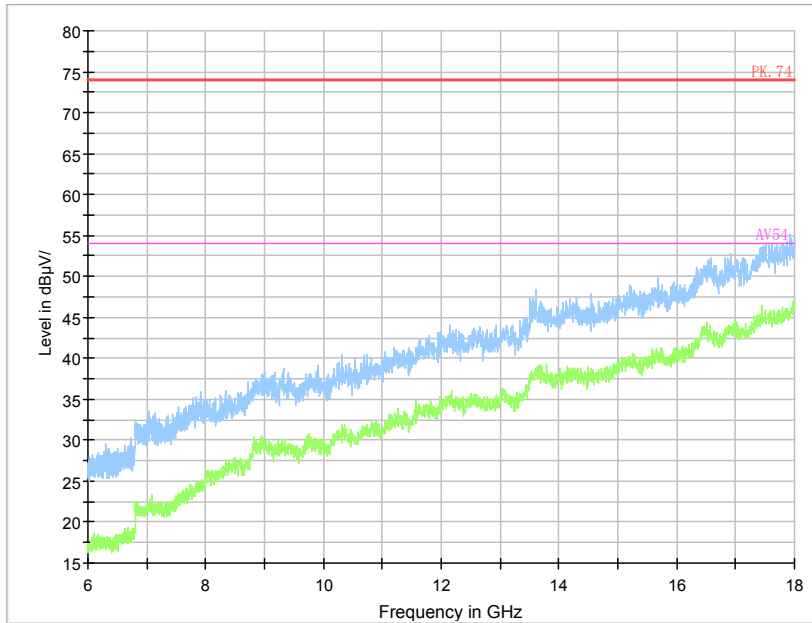
For 802.11ac



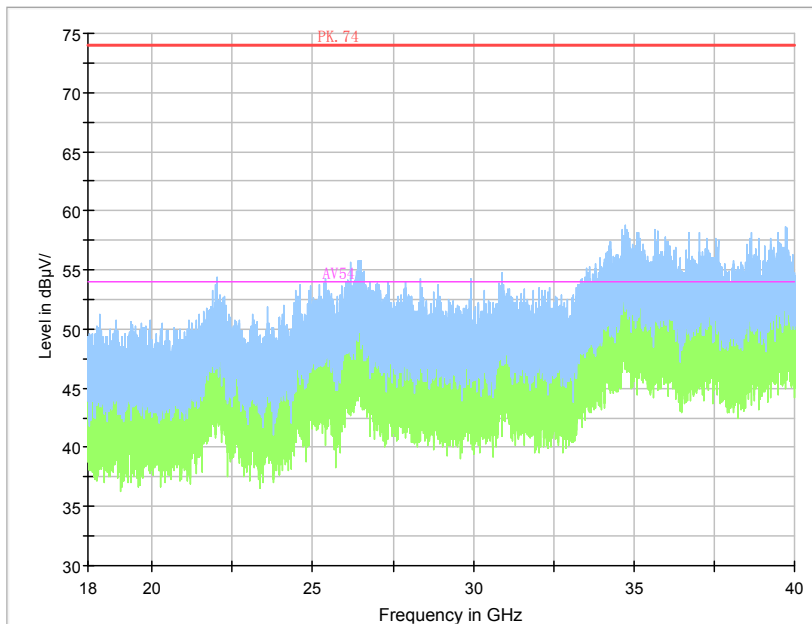
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

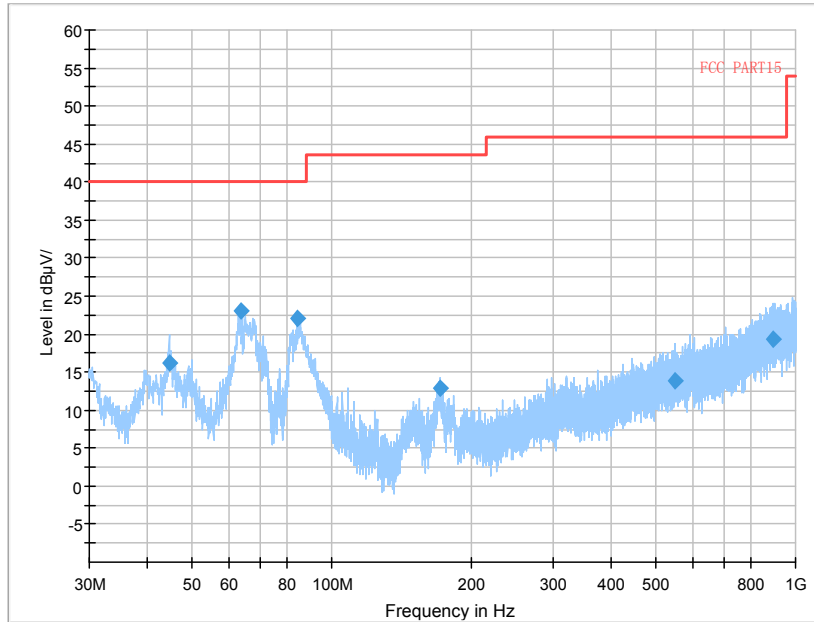


Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode

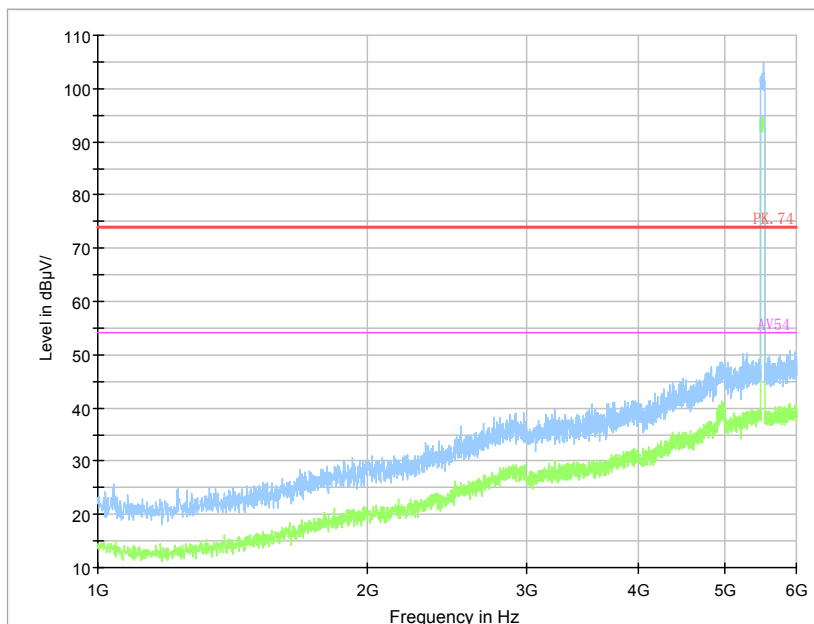


Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

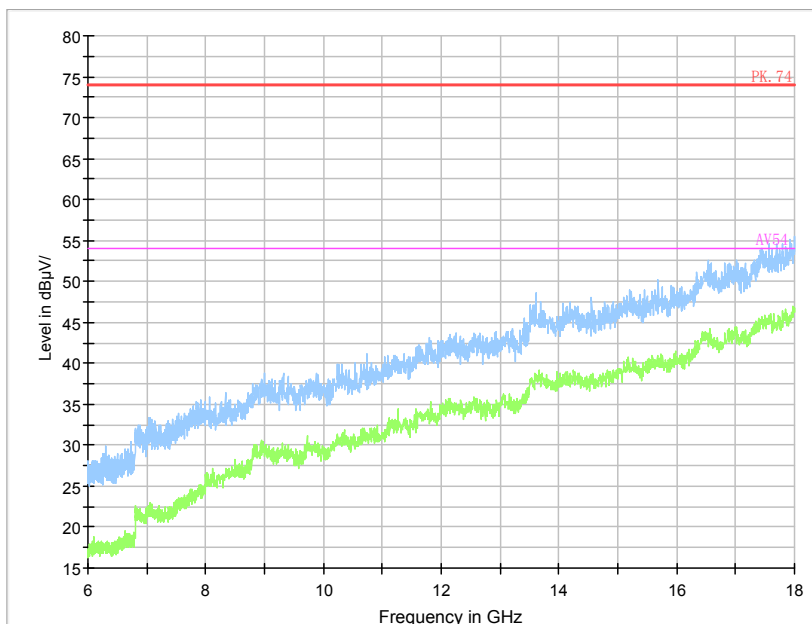
Carrier frequency (MHz): 5510 MHz
For 802.11n(HT40)



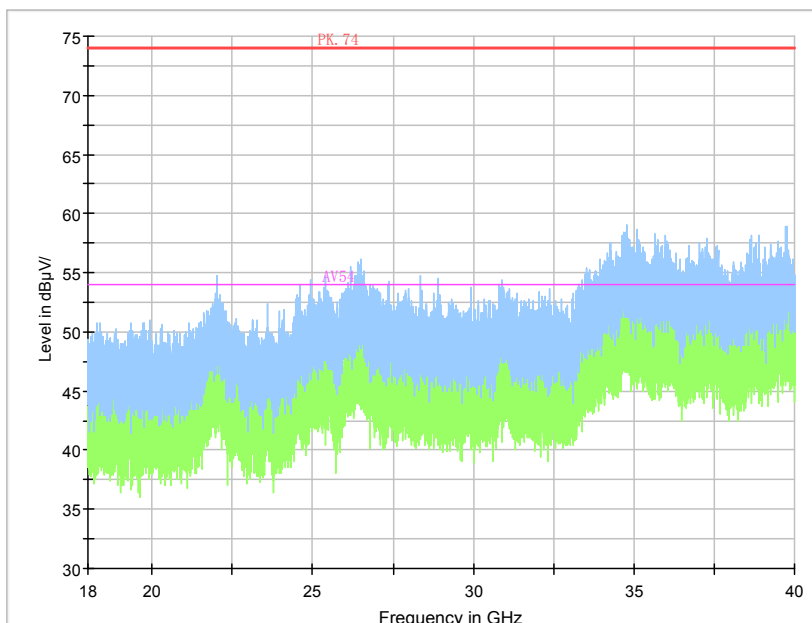
Frequency Range: 30MHz -1GHz
Detector: QP mode



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode

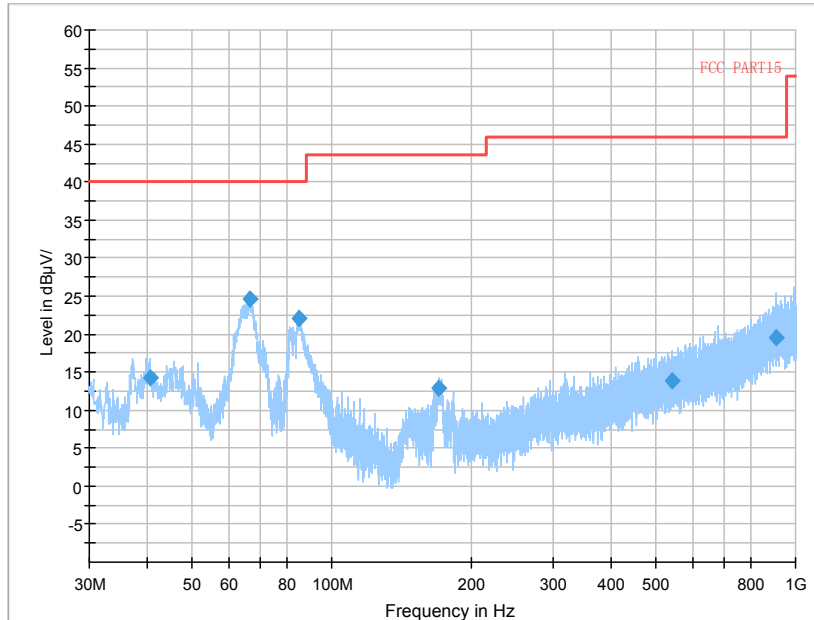


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

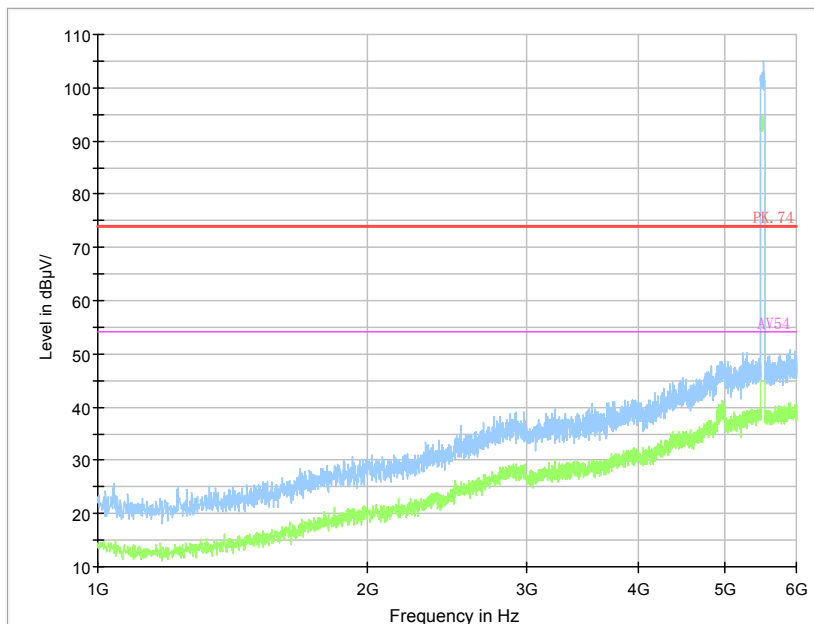


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

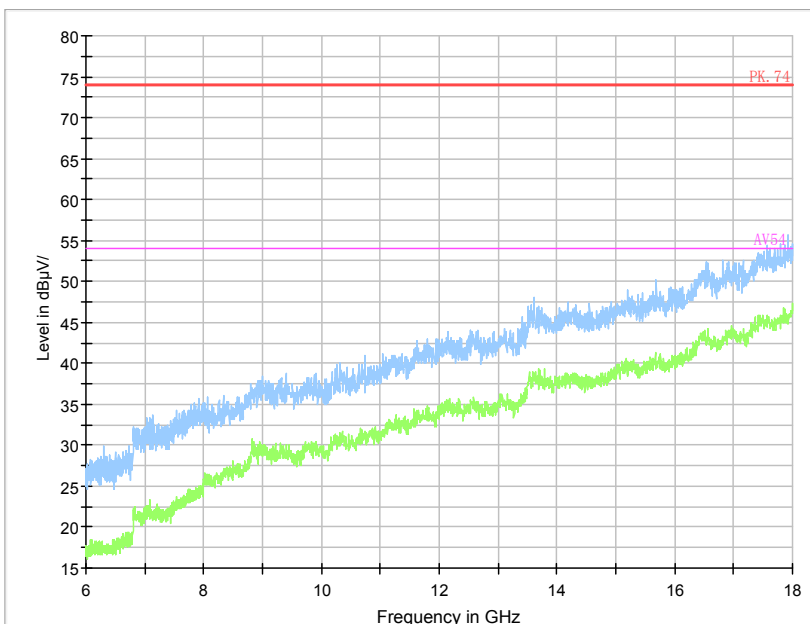
For 802.11ac



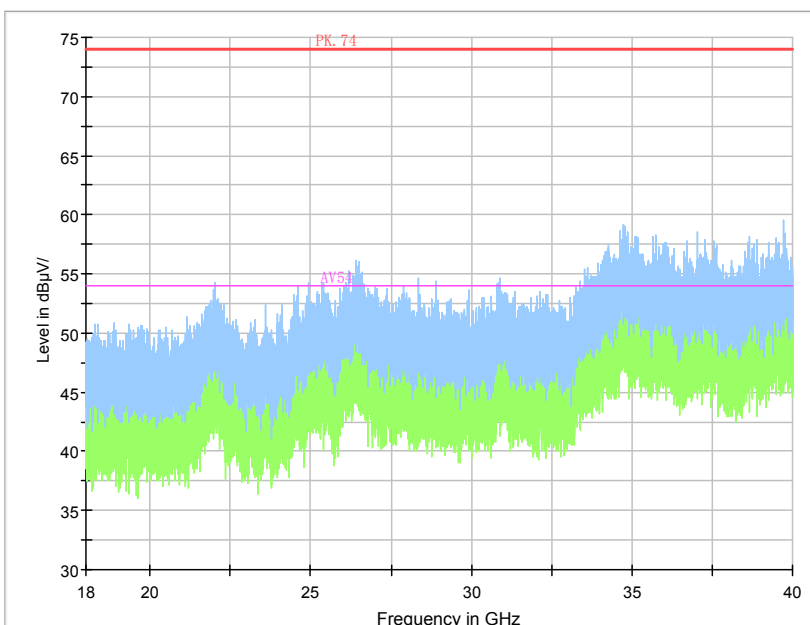
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

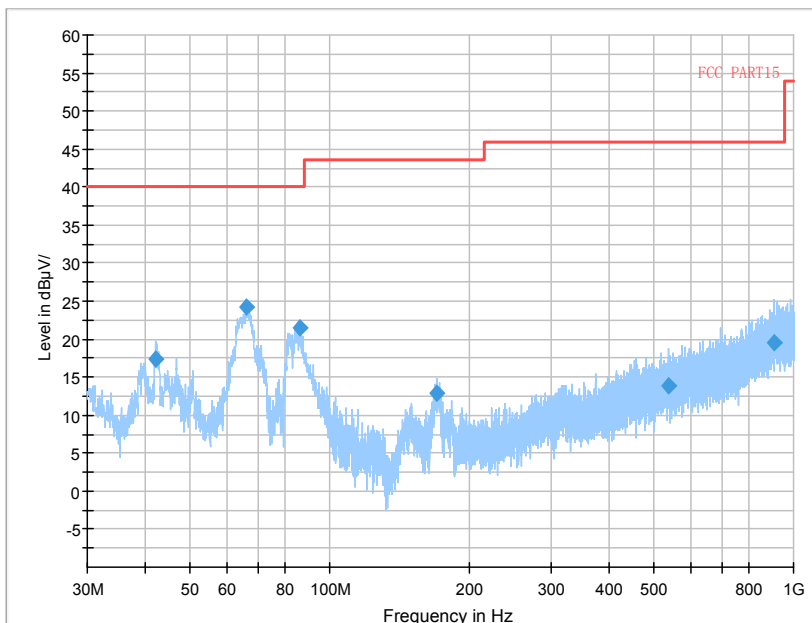


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

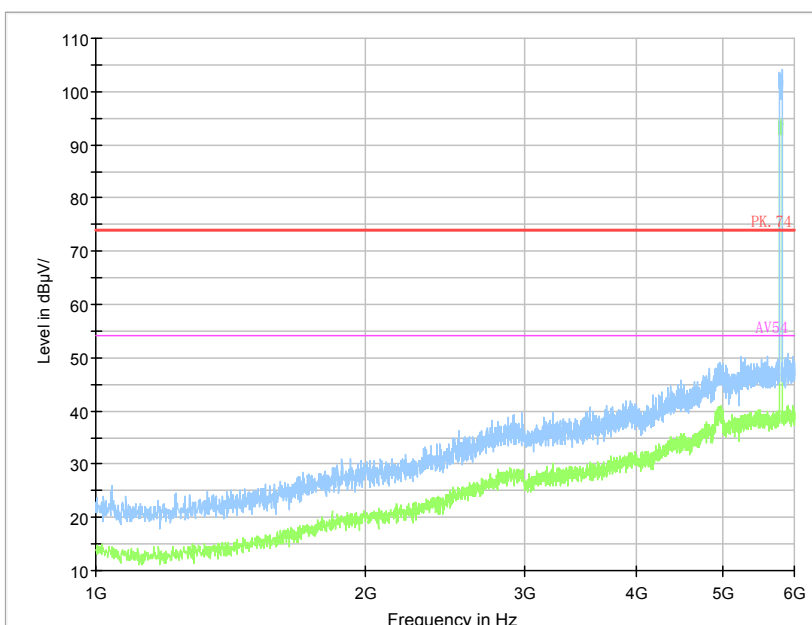


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

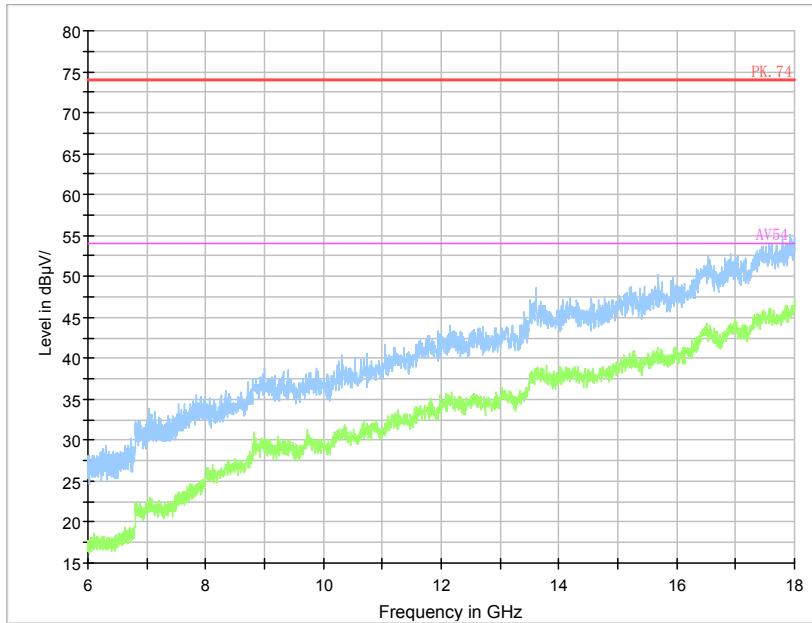
Carrier frequency (MHz): 5795 MHz
 For 802.11n(HT40)



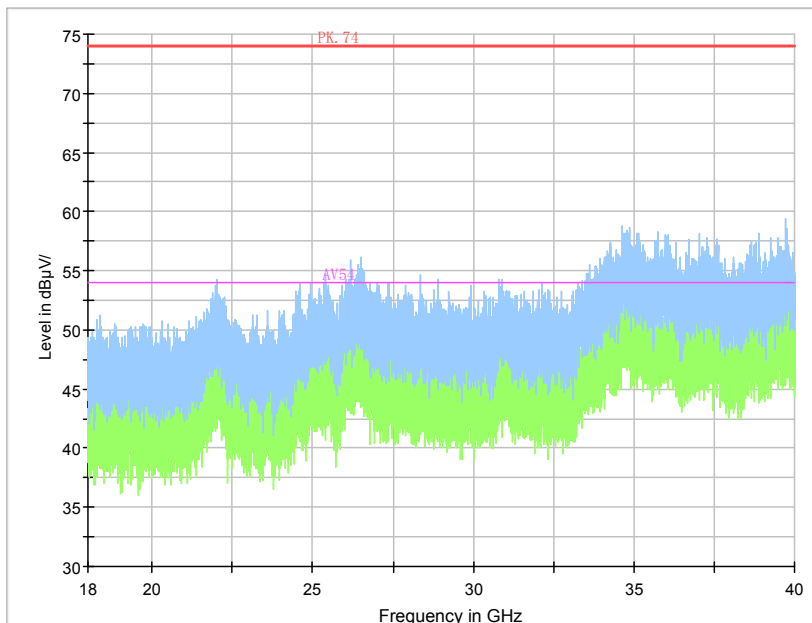
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

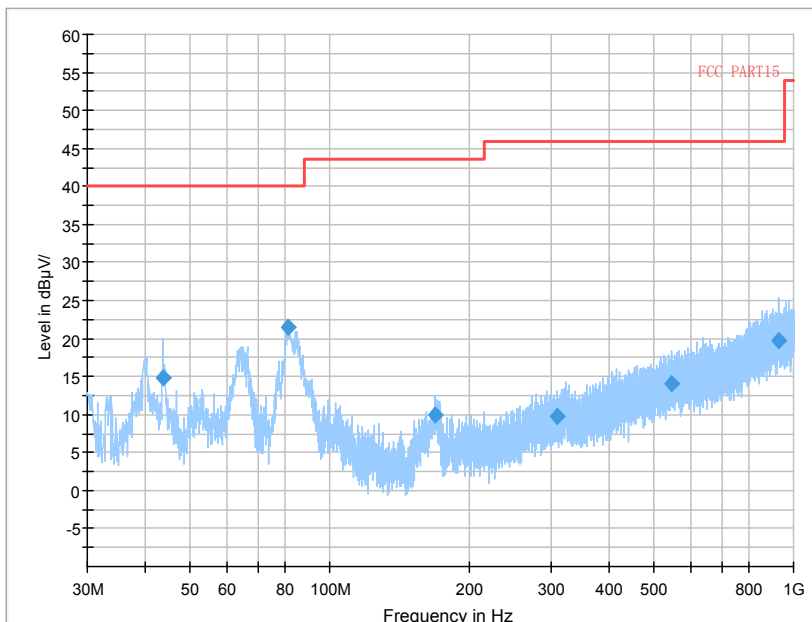


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

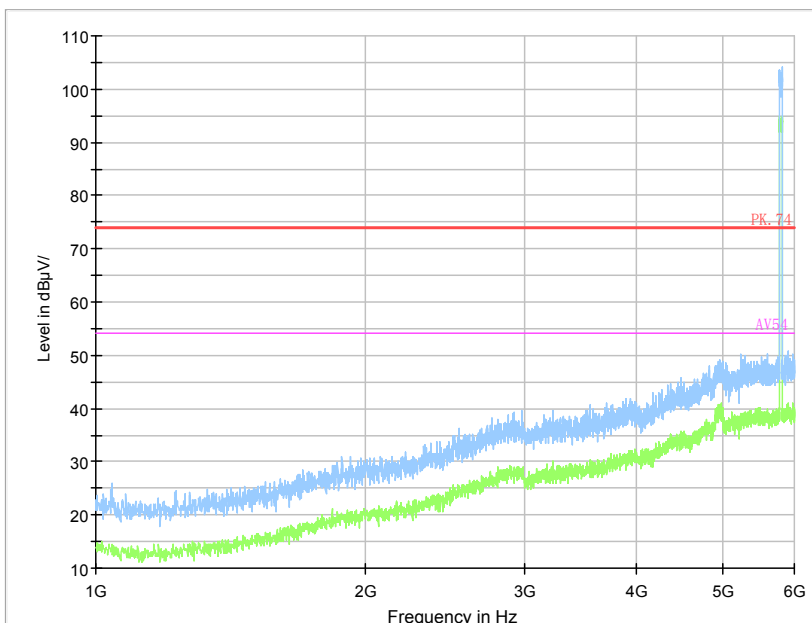


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

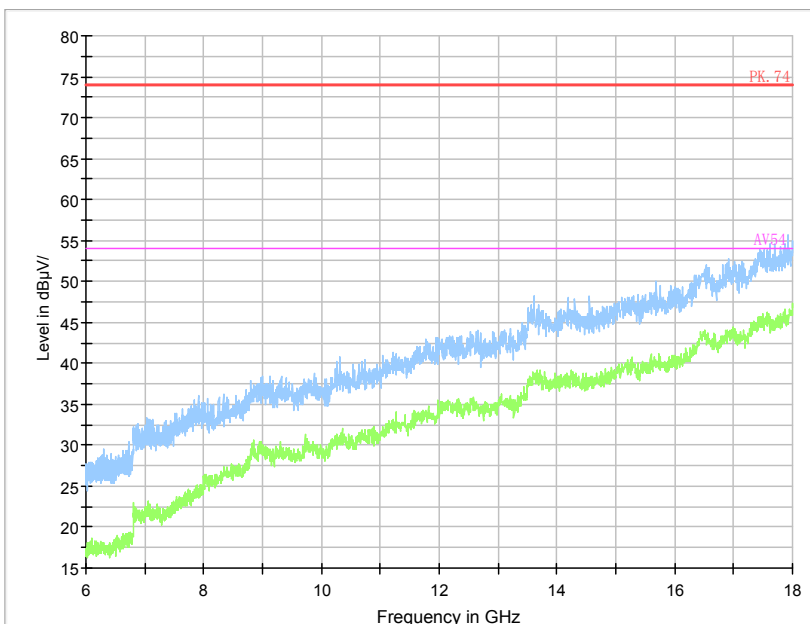
For 802.11ac



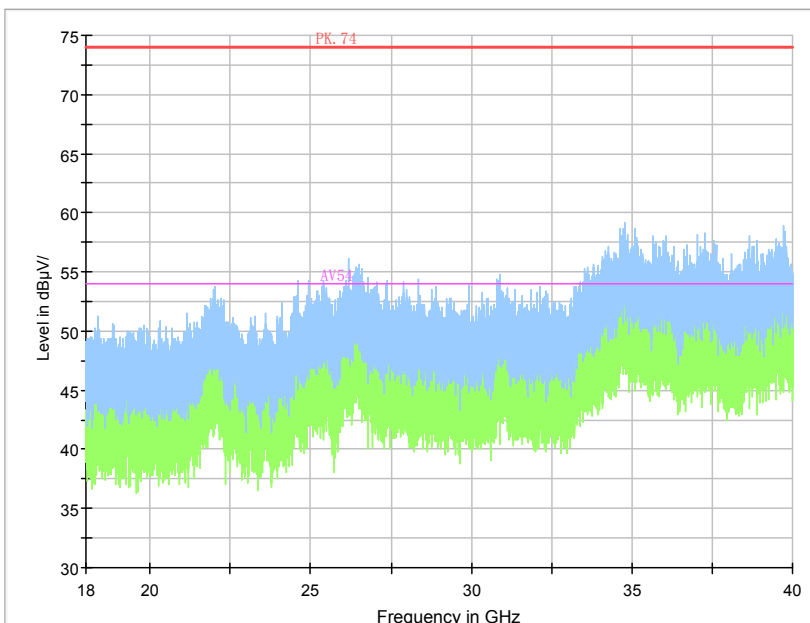
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

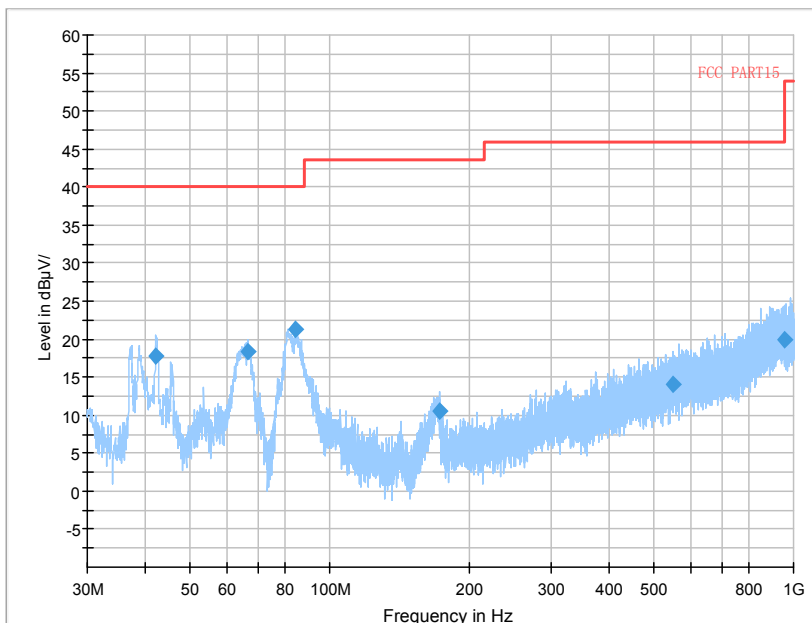


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

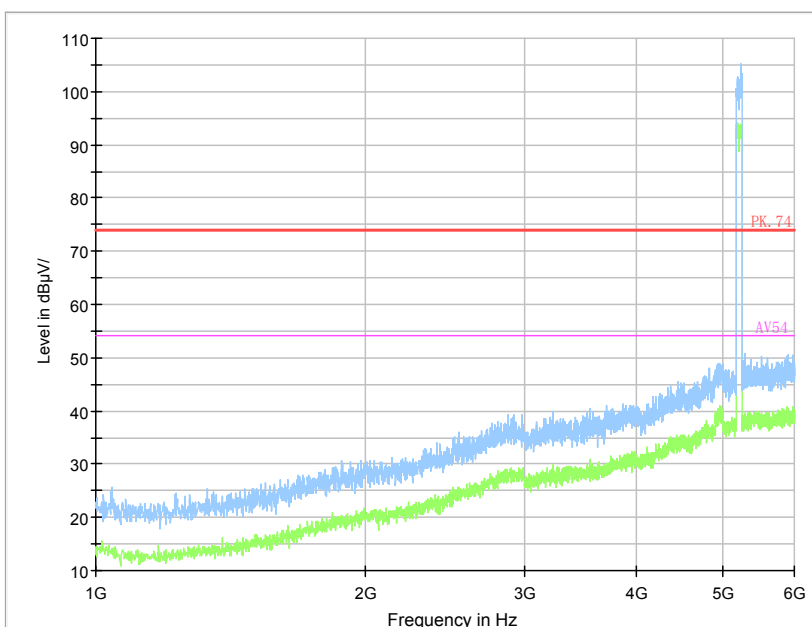


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

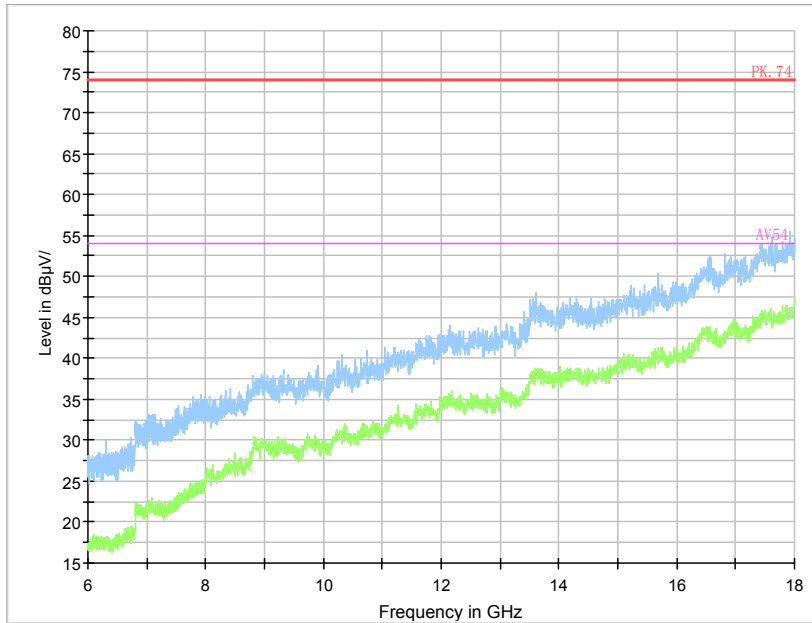
Carrier frequency (MHz): 5210 MHz
For 802.11ac



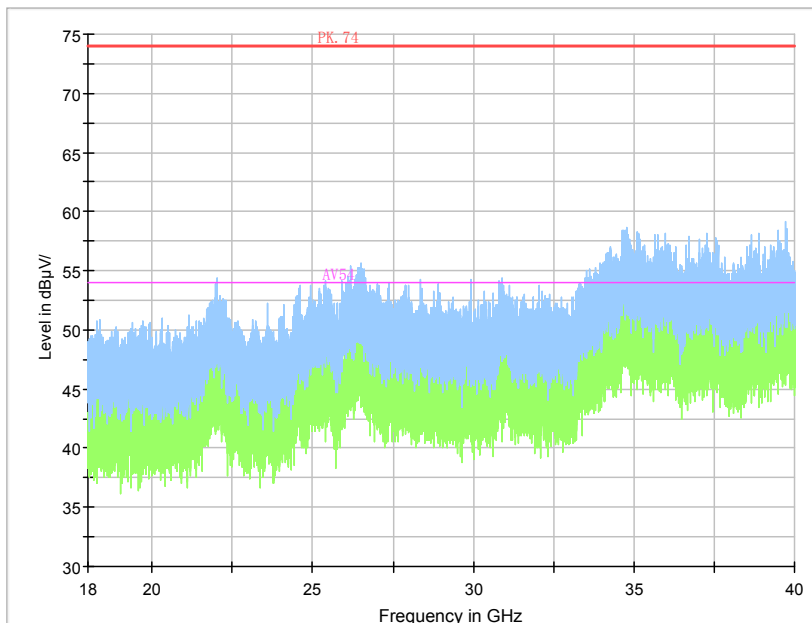
Frequency Range: 30MHz -1GHz
Detector: QP mode



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode

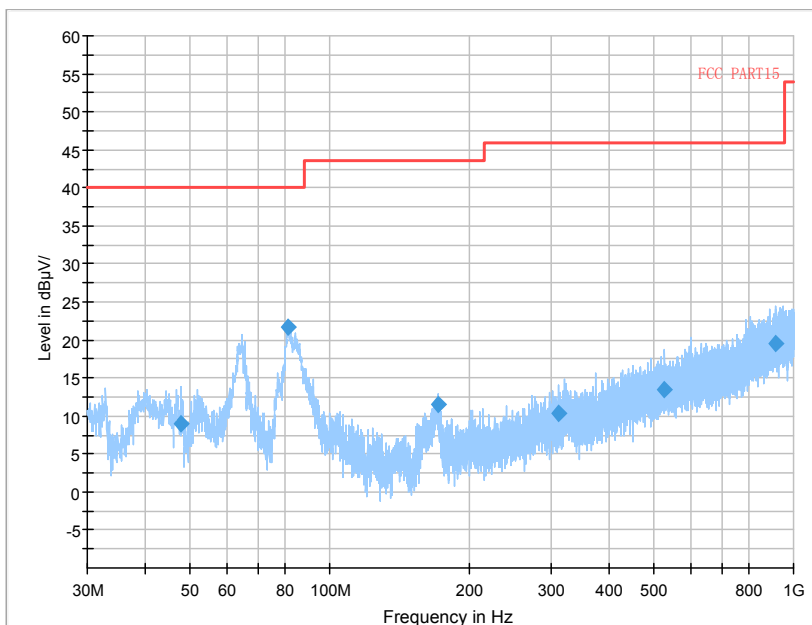


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

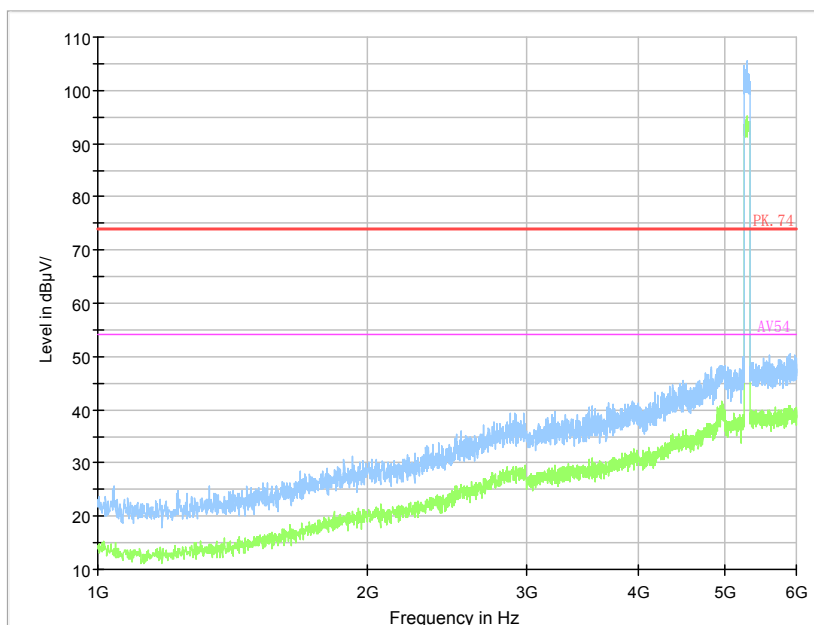


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

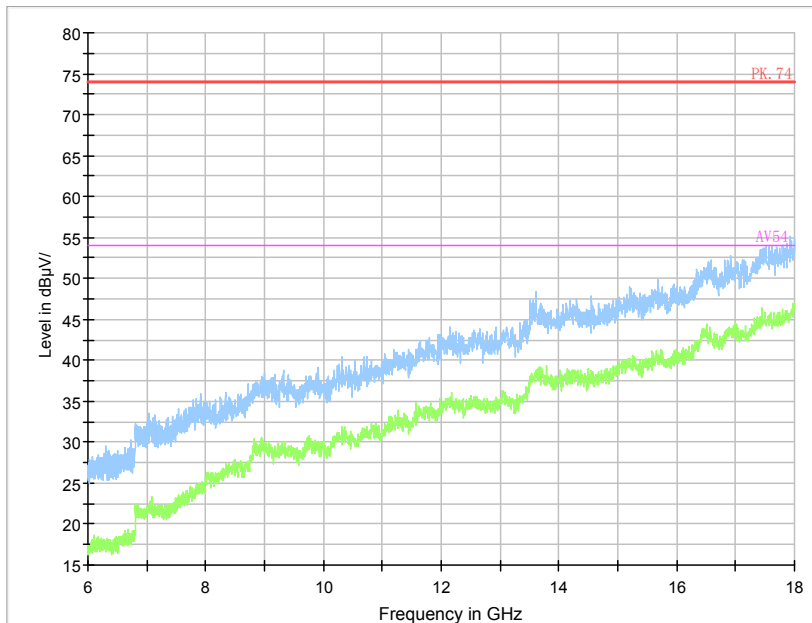
Carrier frequency (MHz): 5290 MHz
 For 802.11ac



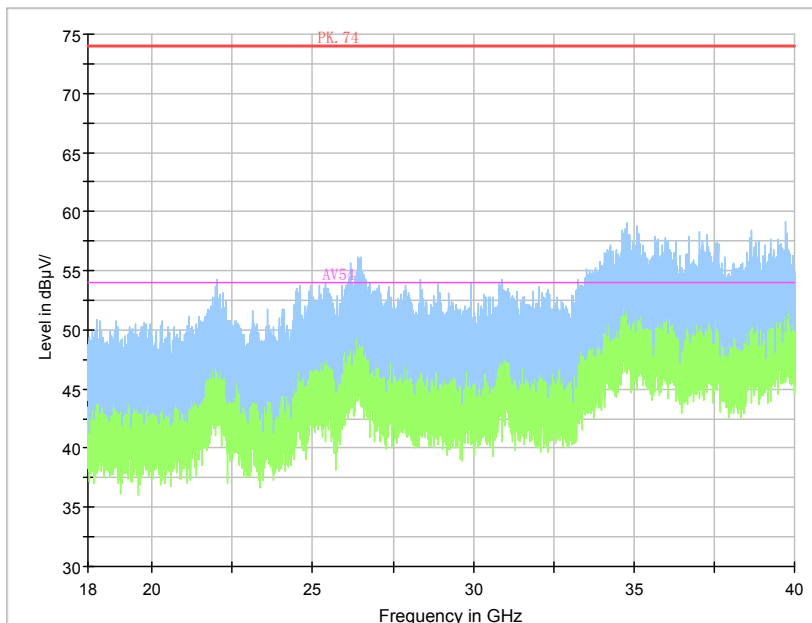
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

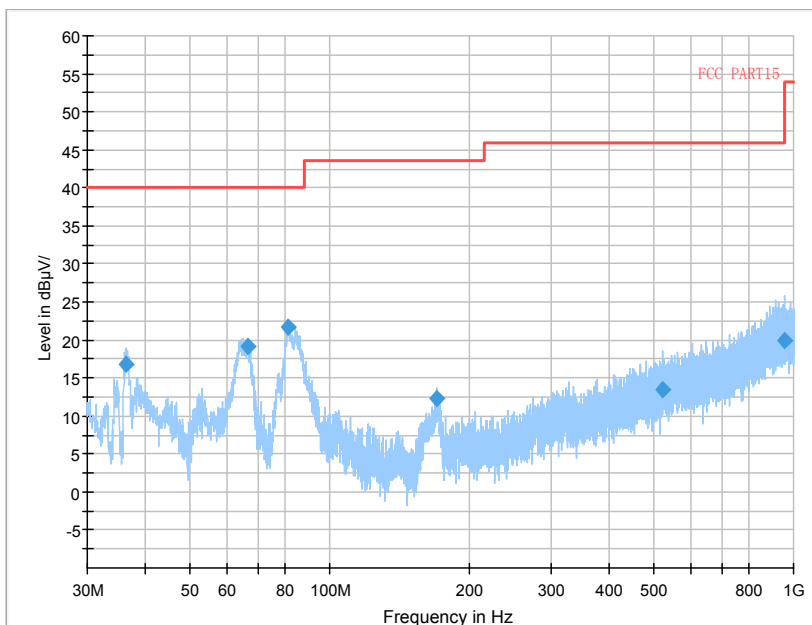


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

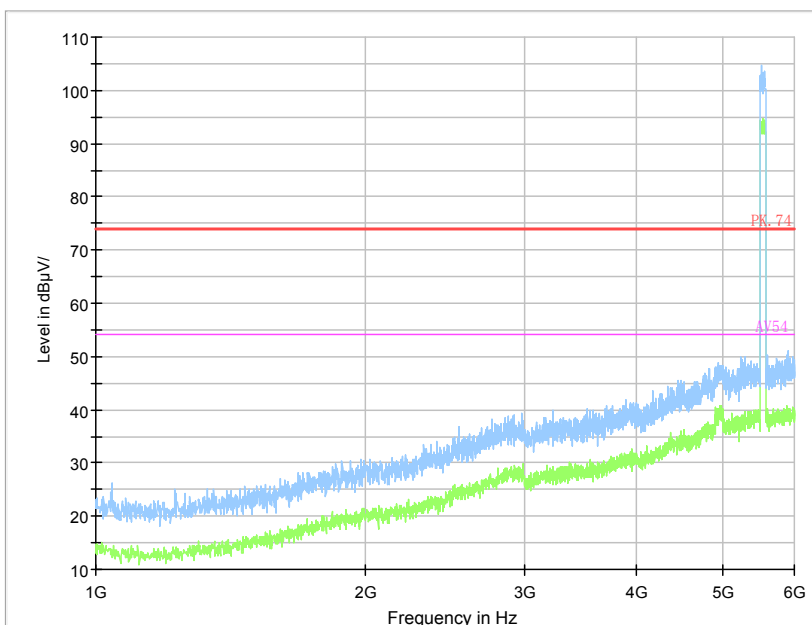


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

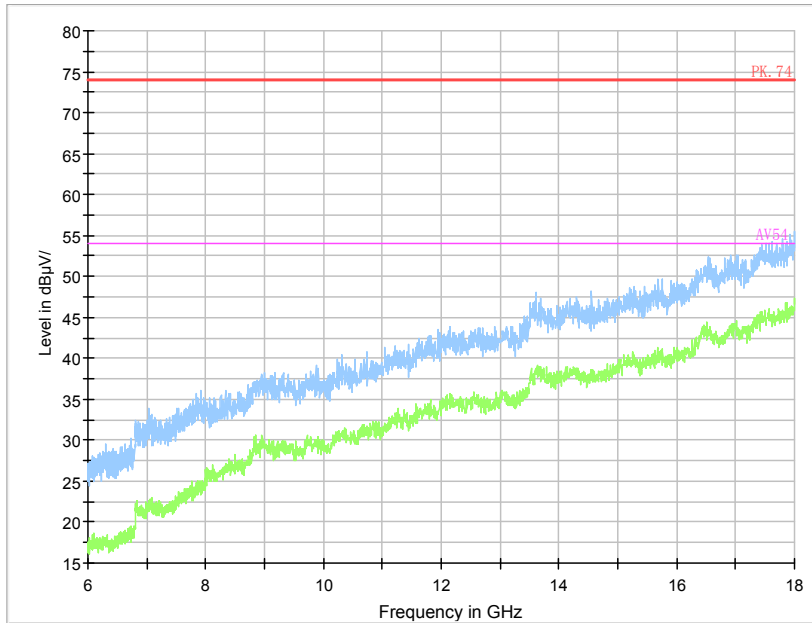
Carrier frequency (MHz): 5530 MHz
 For 802.11ac



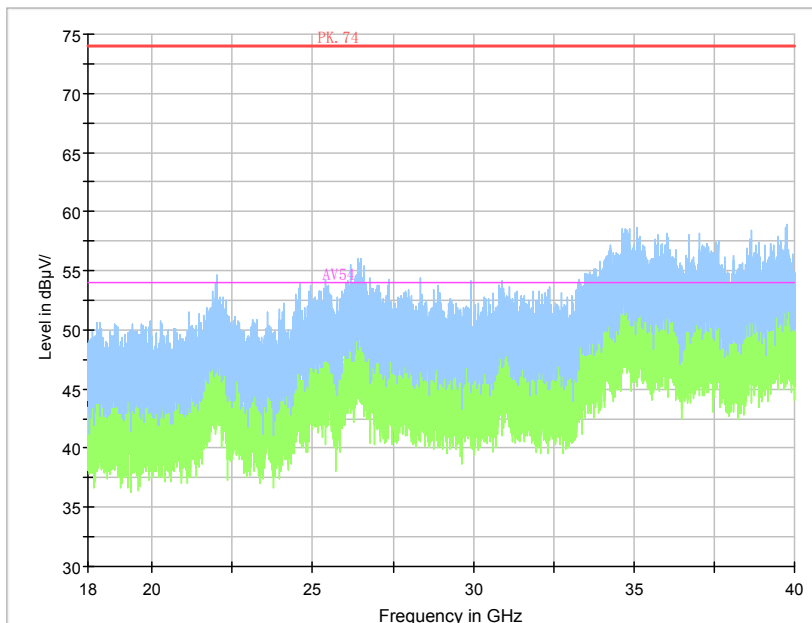
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

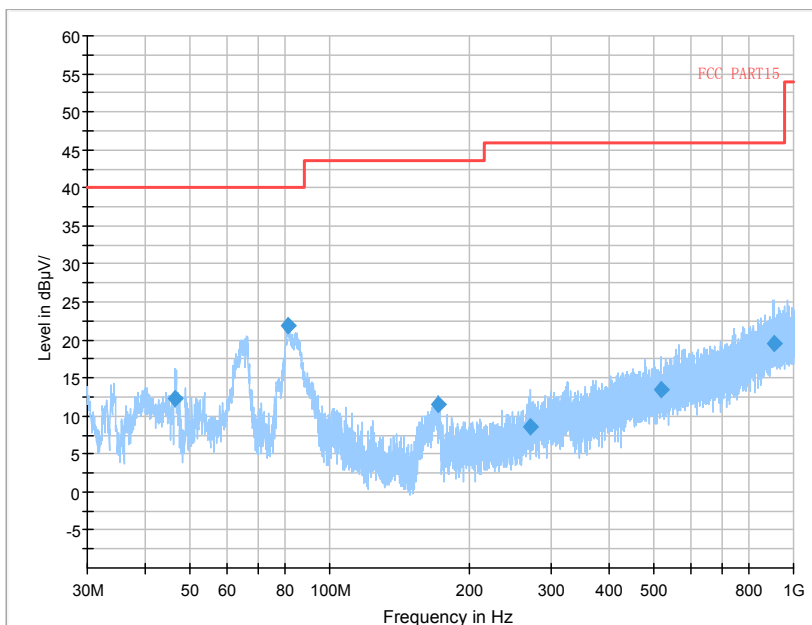


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

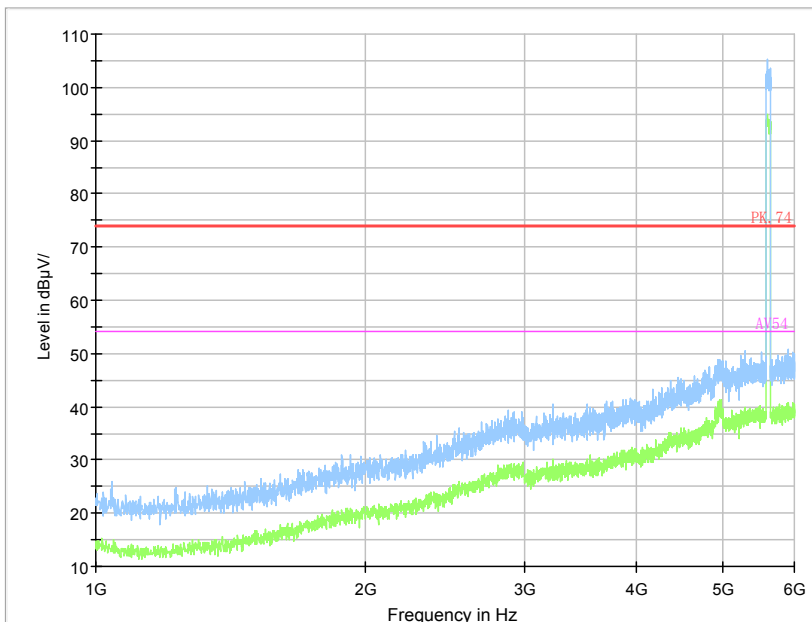


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

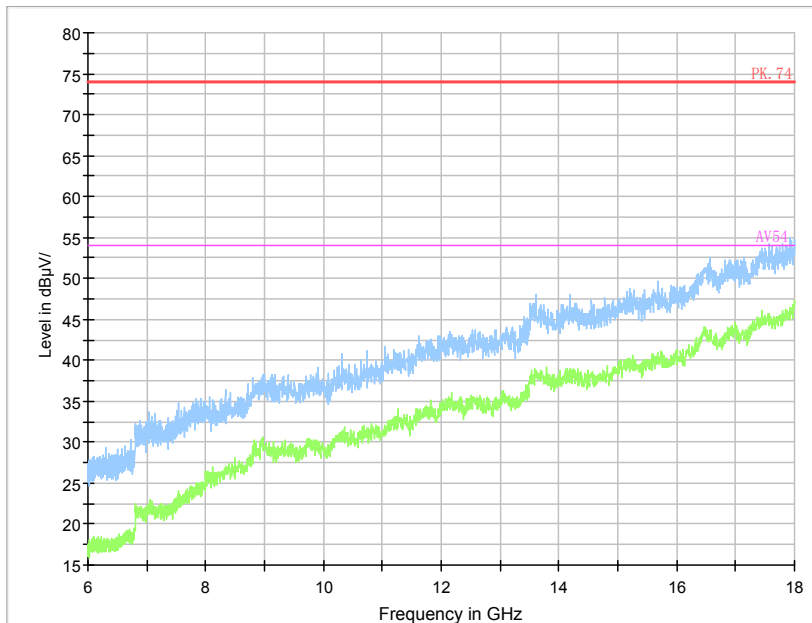
Carrier frequency (MHz): 5610 MHz
 For 802.11ac



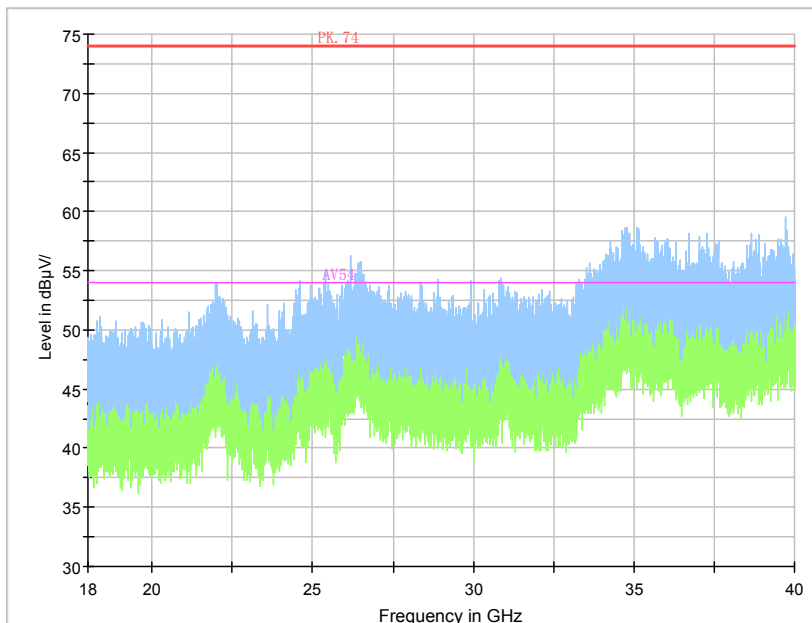
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

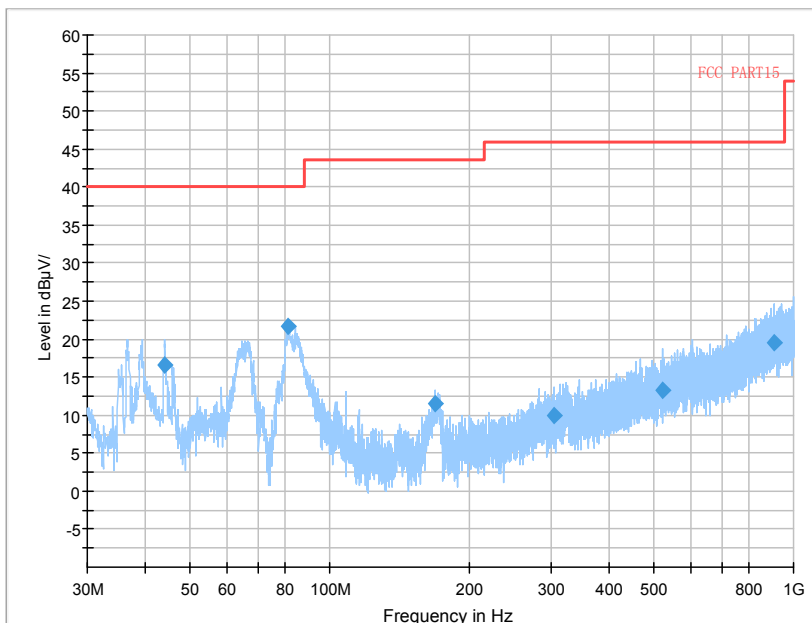


Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode

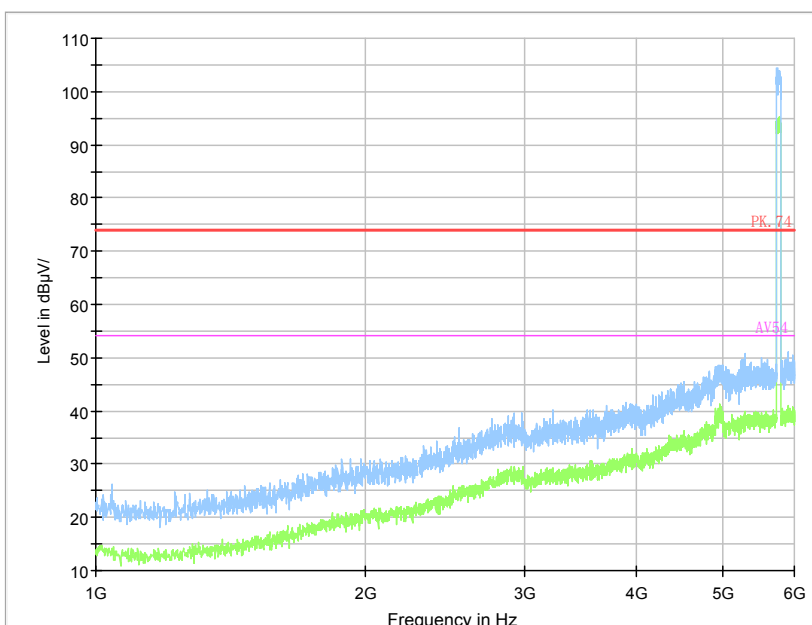


Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

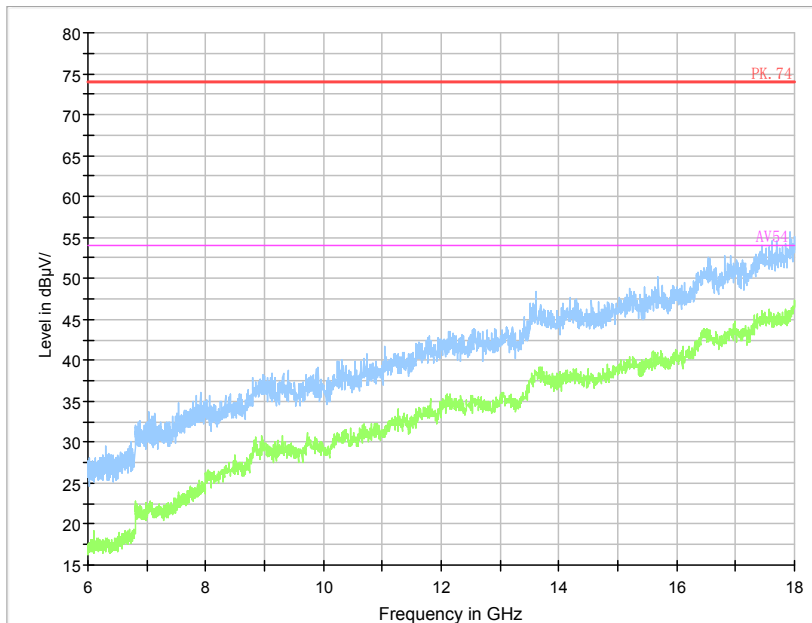
Carrier frequency (MHz): 5775 MHz
 For 802.11ac



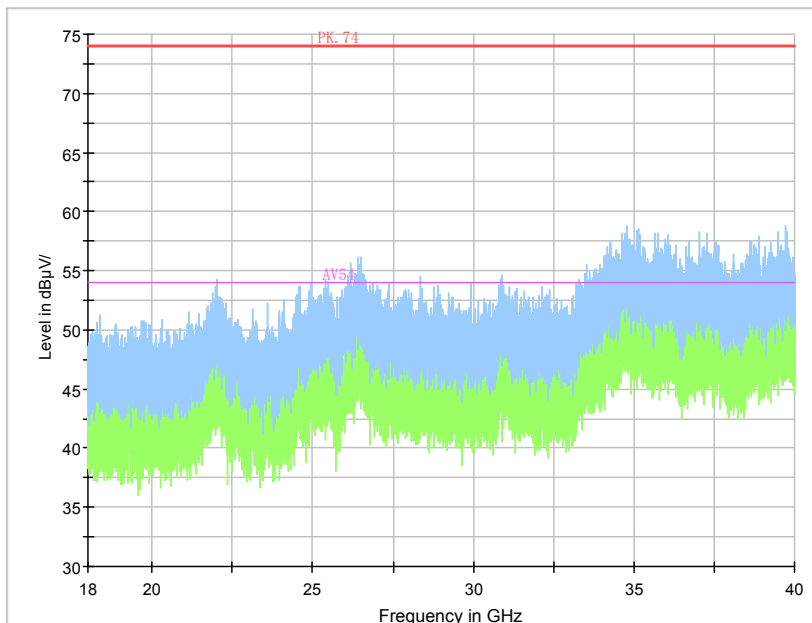
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode

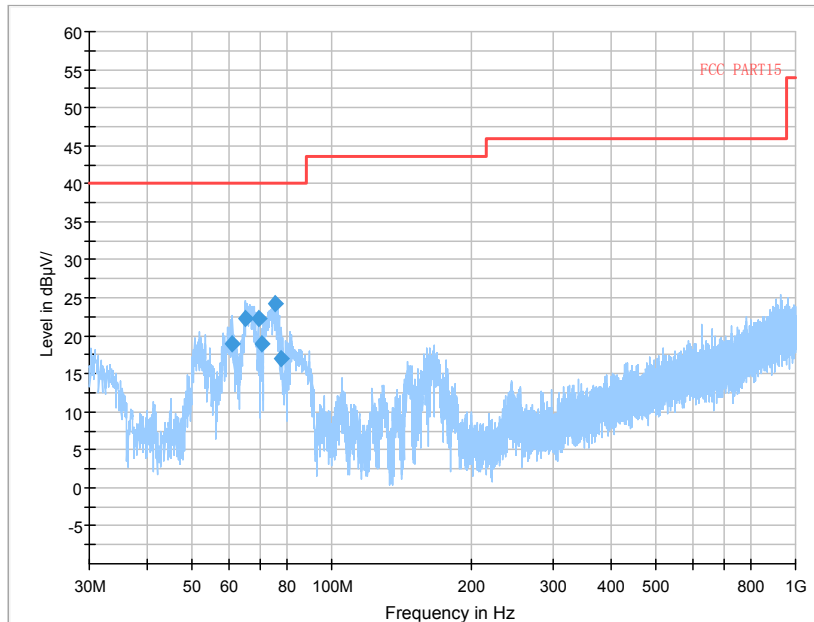


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode

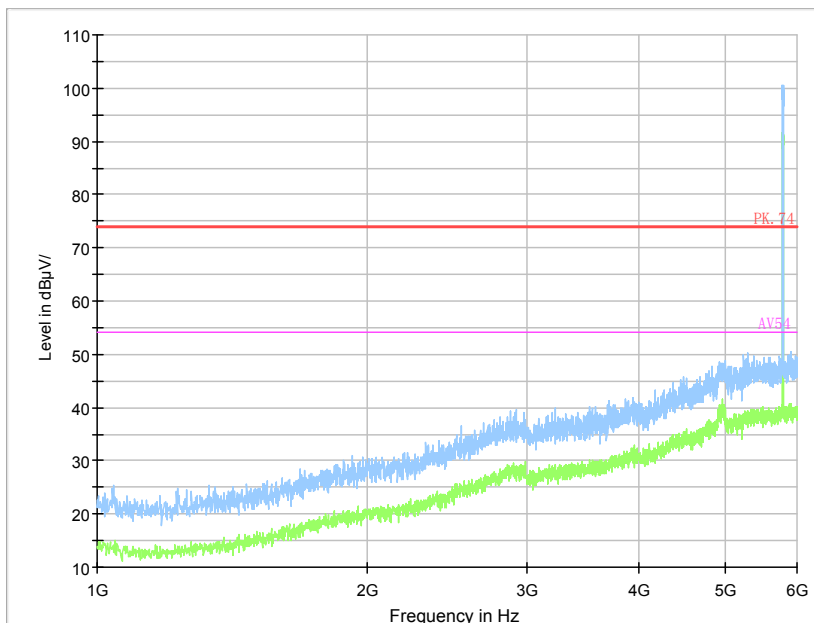


Frequency Range: 18GHz - 40GHz
Detector: Av mode and PK mode

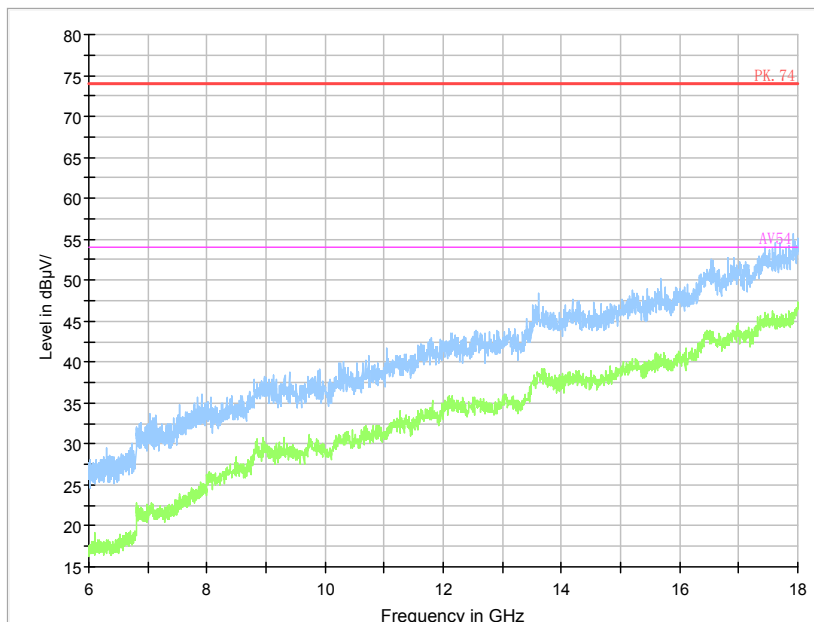
Test with secondary supply worst point:



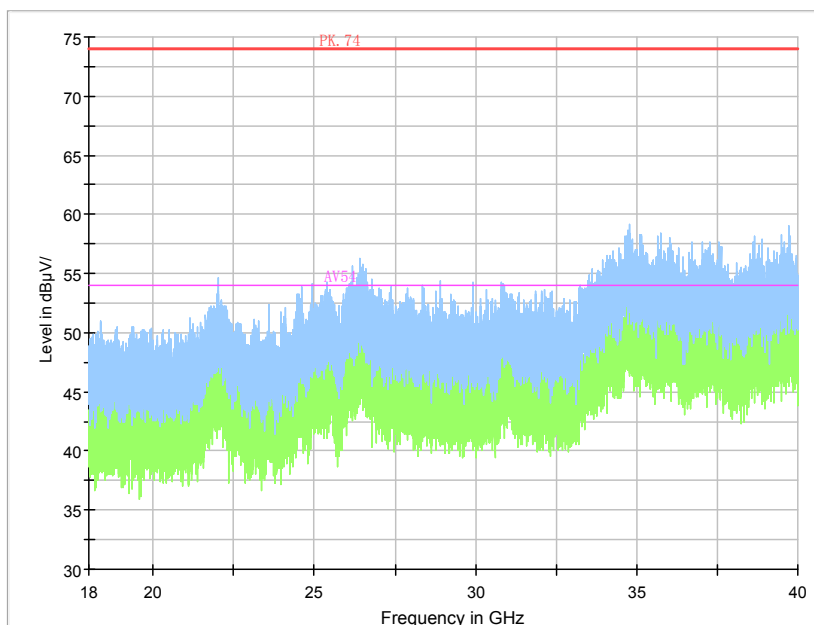
Frequency Range: 30MHz -1GHz
 Detector: QP mode



Frequency Range: 1GHz -6GHz
 Detector: Av mode and PK mode



Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode



Frequency Range: 18GHz - 40GHz
 Detector: Av mode and PK mode

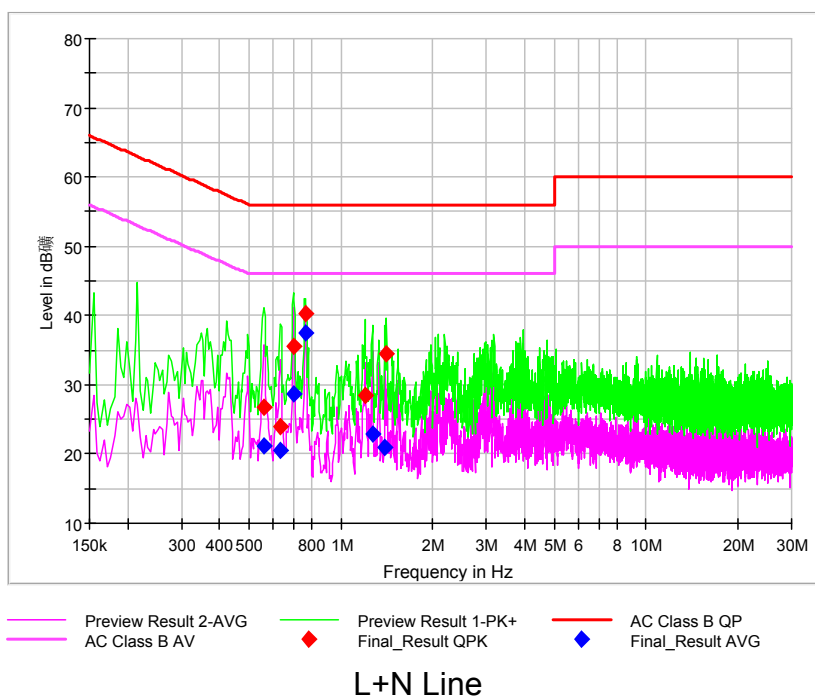
AC Power line Conducted Emission

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: $(21.22 \text{ dB}\mu\text{V}) = (-8.48 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 0.558243MHz.



MEASUREMENT RESULT:

Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Average (dBμV)
0.558243	21.22	46.00	24.78	L1	29.7	-8.48
0.632868	20.52	46.00	25.48	L1	29.7	-9.18
0.698713	28.60	46.00	17.40	L1	29.7	-1.10
0.764559	37.41	46.00	8.59	L1	29.7	7.71
1.264985	22.87	46.00	23.13	L1	29.7	-6.83
1.396676	21.01	46.00	24.99	L1	29.7	-8.69

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)
0.558243	26.83	56.00	29.17	L1	29.7	-2.87
0.632868	24.04	56.00	31.96	L1	29.7	-5.66
0.698713	35.54	56.00	20.47	L1	29.7	5.84
0.764559	40.17	56.00	15.83	L1	29.7	10.47
1.203529	28.40	56.00	27.60	L1	29.7	-1.30
1.414235	34.50	56.00	21.50	L1	29.7	4.80

---End of Test Report---