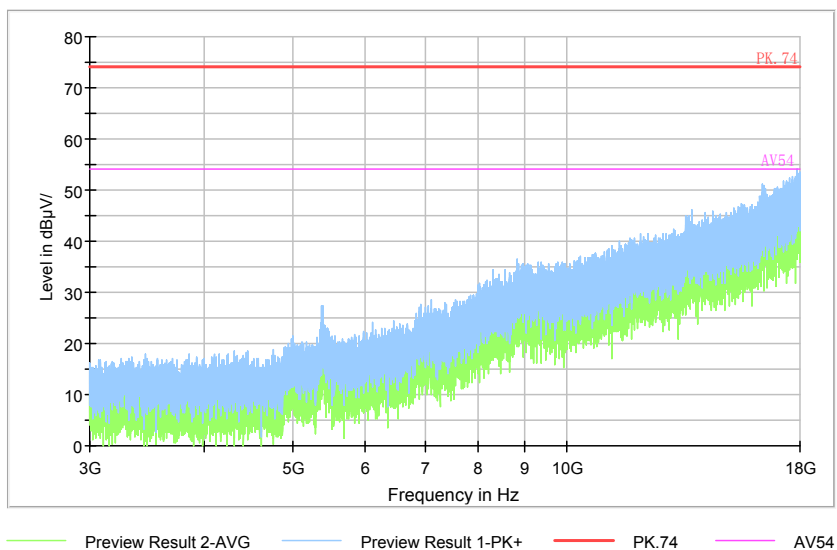


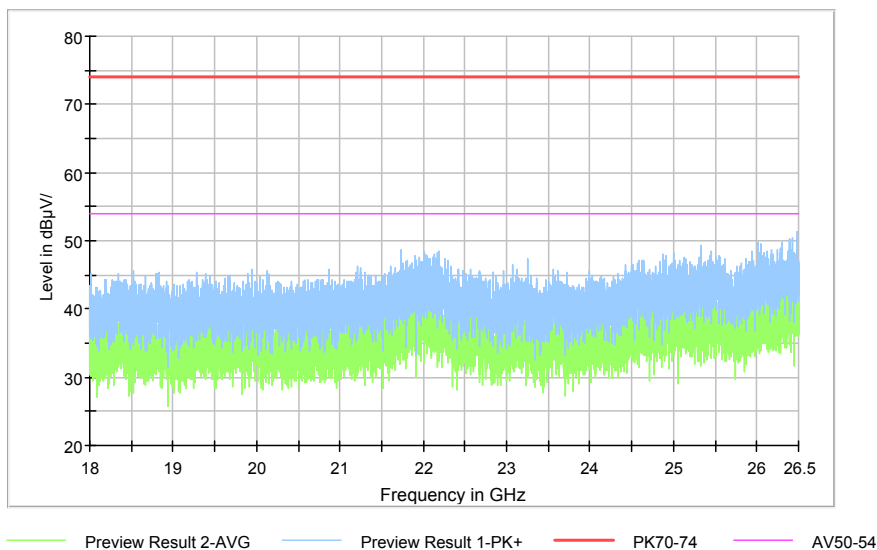
Full Spectrum



Comment

Frequency Range: 3GHz -18GHz
Detector: AV mode and PK mode
Modulation type: 802.11n(HT40) channel 9

Full Spectrum



Comment

Frequency Range: 18GHz -26.5GHz
Detector: AV mode and PK mode
Modulation type: 802.11n(HT40) channel 9

AC Power line Conducted Emission

A "reference path loss" Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ 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:

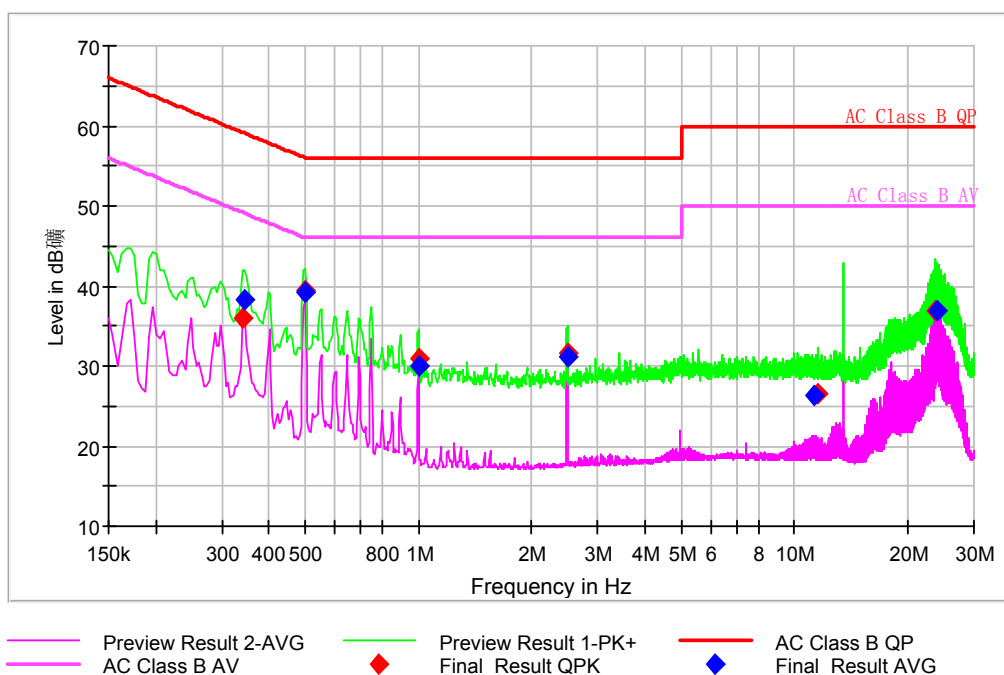
$$P_{\text{result}} = P_{\text{mea}} + \text{Corr. (dB)}$$

Sample calculation: $(36.05 \text{ dB}\mu\text{V}) = (5.65 \text{ dB}\mu\text{V}) + (30.4 \text{ dB})$, the corresponding frequency is 0.341893MHz.

Chain0 is selected as the worst case for the test.

The mode of 802.11b Channel 1 is selected for the test of Conducted Emission.

Full Spectrum



Comment

L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi Peak (dBμV)	Pmea Average (dBμV)
0.341893	36.05	---	59.16	23.11	L1	30.4	5.65	---
0.346157	---	38.19	49.05	10.86	L1	30.4	---	7.79
0.499671	---	39.21	46.01	6.80	L1	30.4	---	8.81
0.499671	39.44	---	56.01	16.57	L1	30.4	9.04	---
0.998593	30.89	---	56.00	25.11	L1	30.4	0.49	---
0.998593	---	30.05	46.00	15.95	L1	30.4	---	-0.35

2.486829	31.53	---	56.00	24.47	L1	30.4	1.13	---
2.486829	---	31.17	46.00	14.83	N	30.4	---	0.77
11.237143	---	26.28	50.00	23.72	N	30.4	---	-4.12
11.522850	26.48	---	60.00	33.52	L1	30.4	-3.92	---
23.714443	36.96	---	60.00	23.04	L1	30.3	6.66	---
24.000150	---	36.93	50.00	13.07	L1	30.3	---	6.63

---End of the test report---