

For 802.11g Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.098	12.53	-20.8	33.33	Vertical	40.00
58.042	11.69	-18.1	29.79	Vertical	40.00
125.188	15.03	-21	36.03	Vertical	43.50
288	26.79	-15.5	42.29	Vertical	46.00
384.03	28.62	-12.2	40.82	Vertical	46.00
917.034	20.55	-1.2	21.75	Vertical	46.00

For 802.11g Channel No.:11

Frequency (MHz)	Result (dBuV/m)		ARpl (dB)	Pmea (dBuV/m)		Polarity	Limit (dBuV/m)
	PK	AV		PK	AV		
2929.2	---	53.67	47.9	---	5.77	Vertical	54.00
21594.6	---	48.51	25.1	---	23.41	Vertical	54.00
22066	---	50.5	25.1	---	25.4	Vertical	54.00
23161.8	---	48.15	25.2	---	22.95	Vertical	54.00
25901	---	50.56	25.4	---	25.16	Vertical	54.00

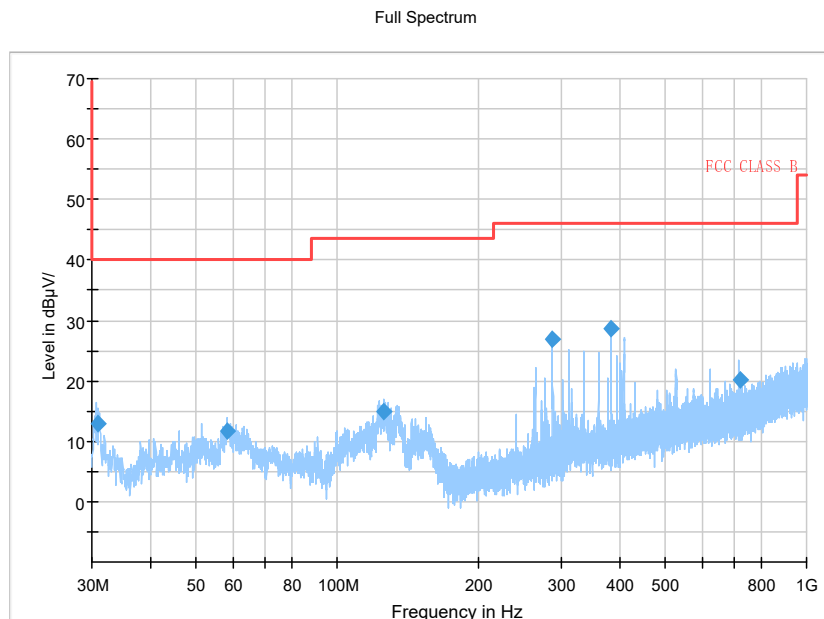
For 802.11n(HT20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.5425	12.1	-21	33.1	Vertical	40.00
59.867	11.17	-18.4	29.57	Vertical	40.00
125.017	14.77	-21	35.77	Vertical	43.50
288.0315	26.8	-15.5	42.3	Vertical	46.00
408.029	27.8	-11.5	39.3	Vertical	46.00
900.2895	20.09	-1.5	21.59	Vertical	46.00

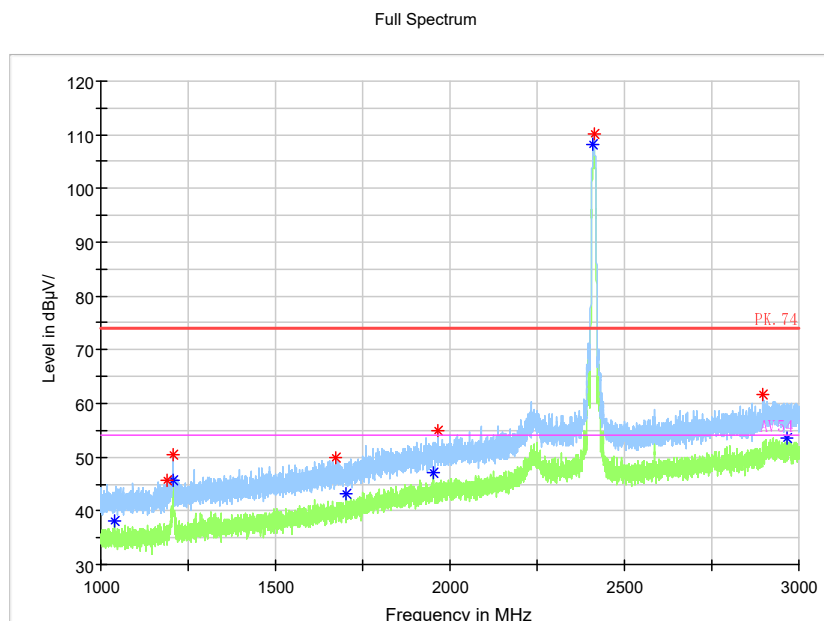
For 802.11n(HT20) Channel No.:11

Frequency (MHz)	Result (dBuV/m)		ARpl (dB)	Pmea (dBuV/m)		Polarity	Limit (dBuV/m)
	PK	AV		PK	AV		
2970	---	53.75	47.9	---	5.85	Vertical	54.00
21913.2	---	49.81	25.1	---	24.71	Vertical	54.00
24415.8	---	48.2	25.3	---	22.9	Vertical	54.00
25256.2	---	50.57	25.4	---	25.17	Vertical	54.00

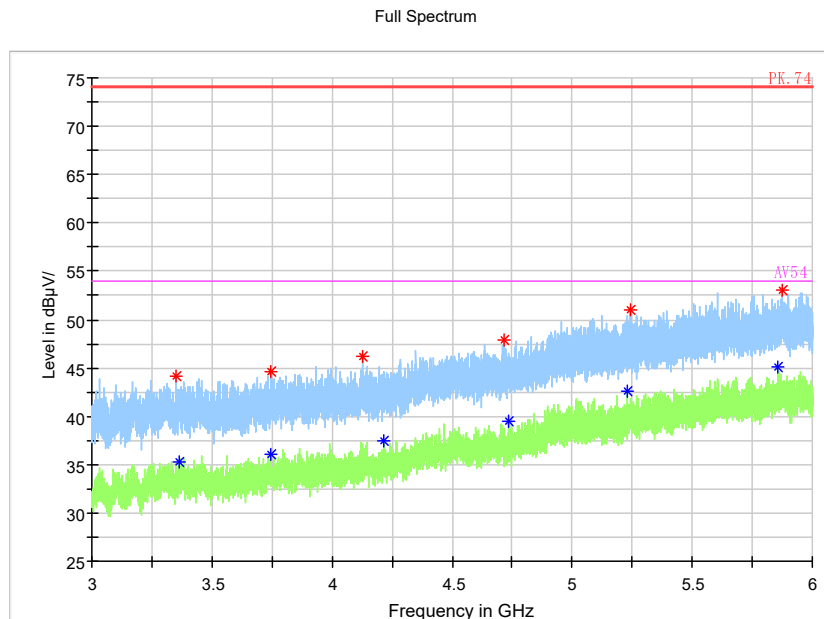
Carrier frequency (MHz): 2412
Channel No.:1



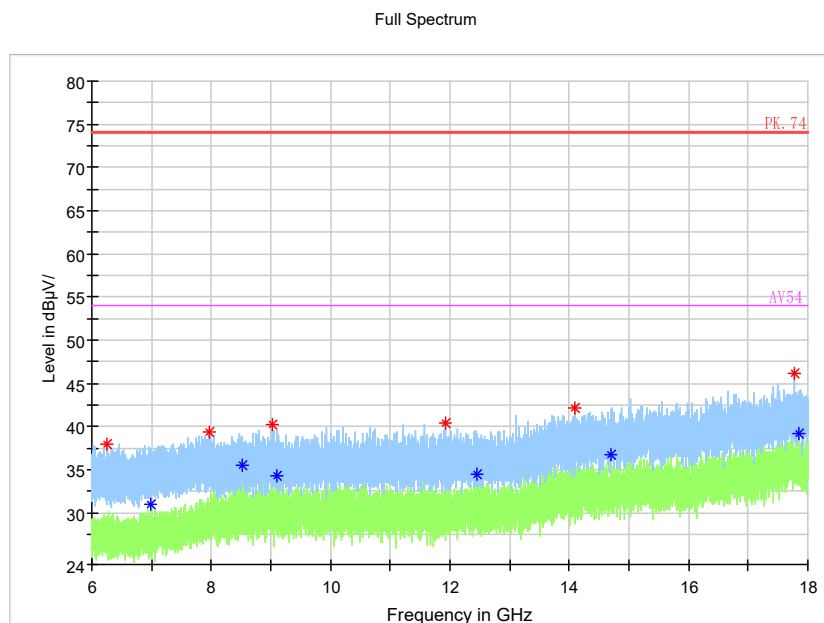
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



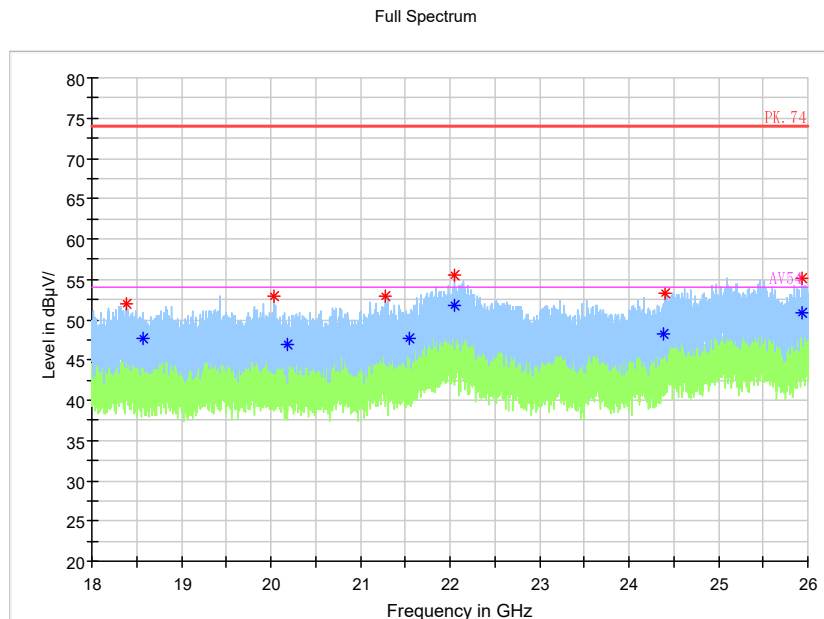
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



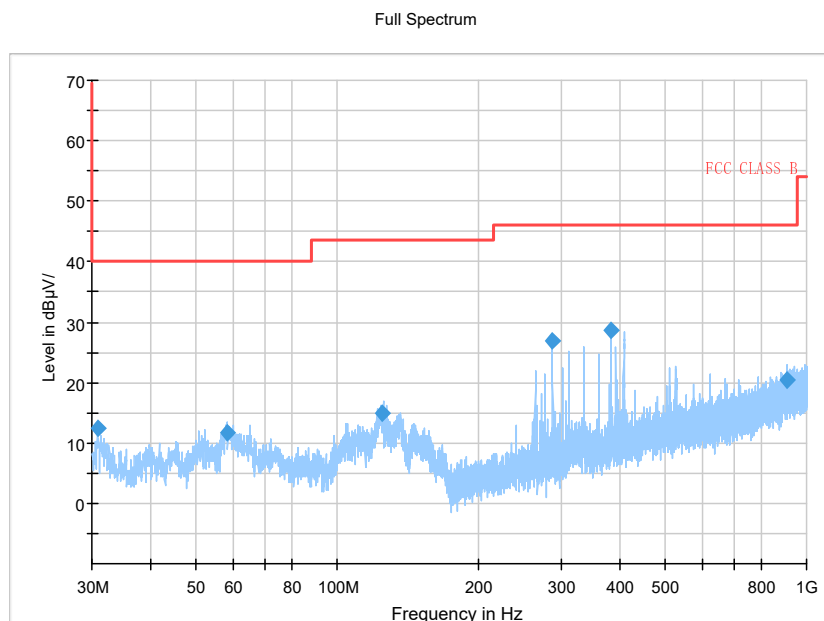
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



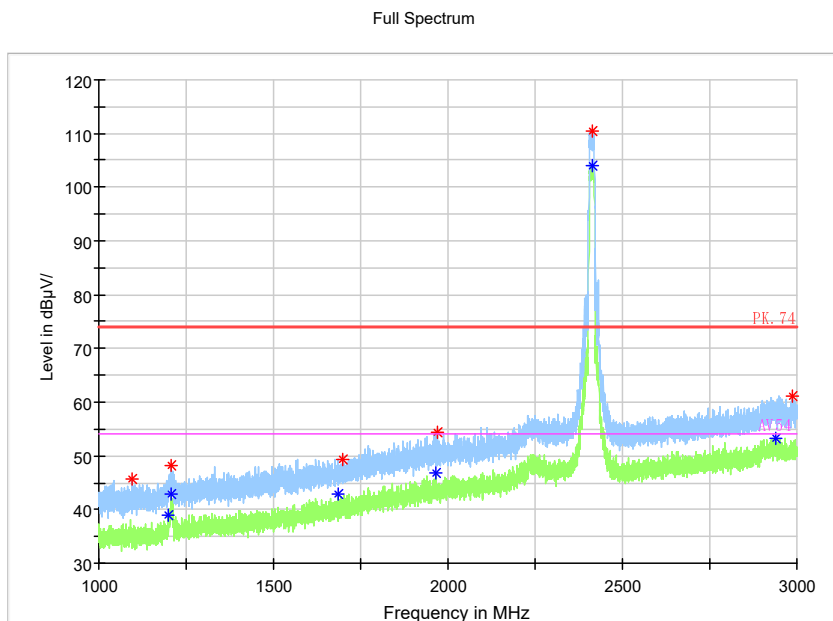
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



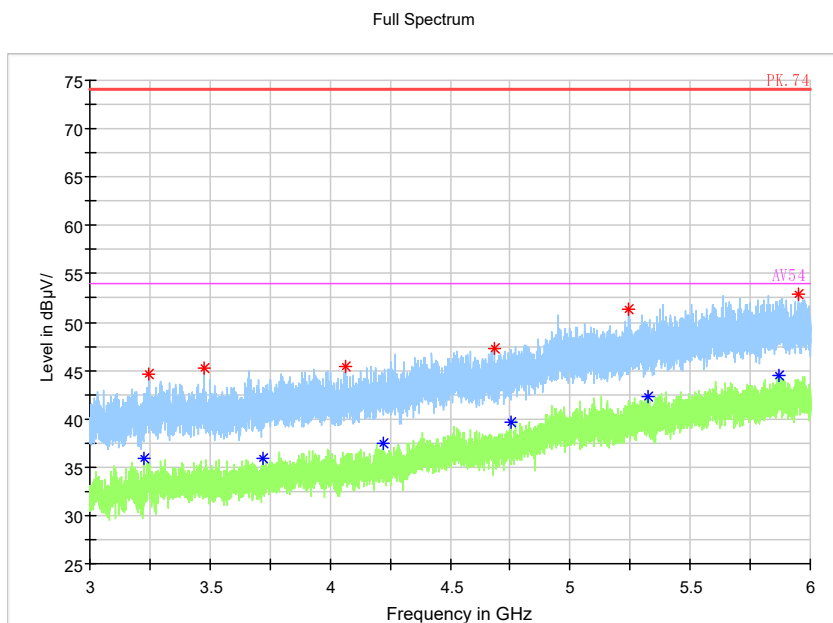
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



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

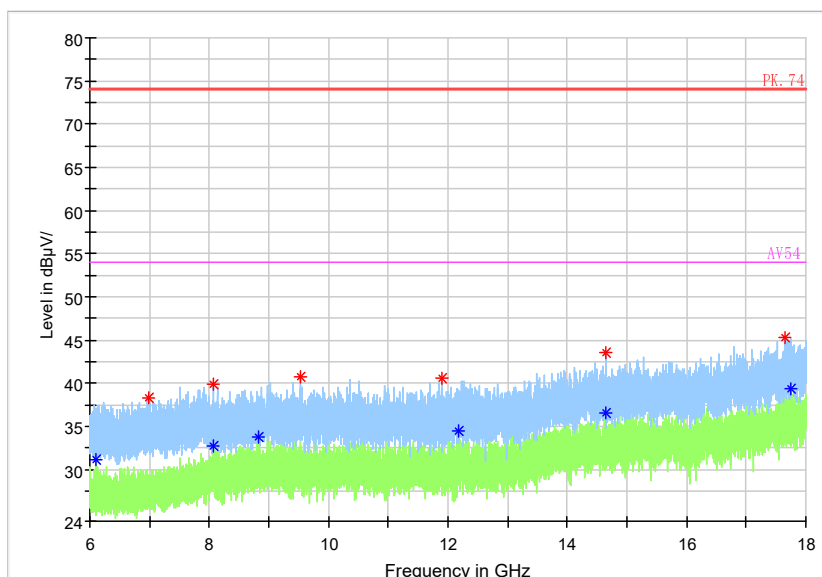


Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



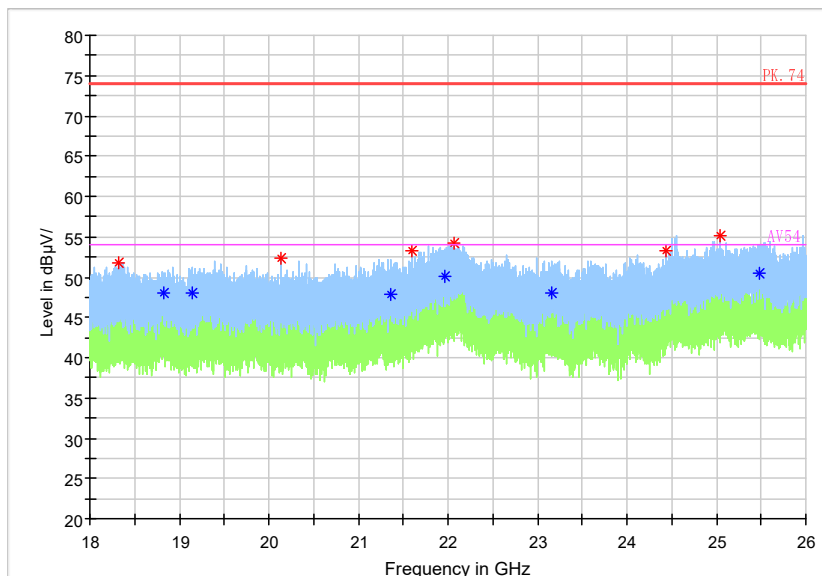
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

Full Spectrum

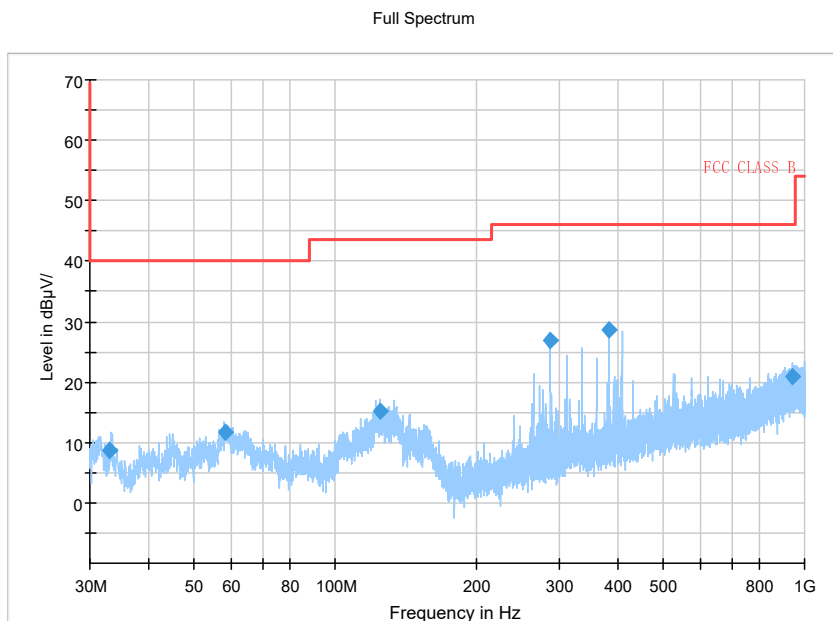


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

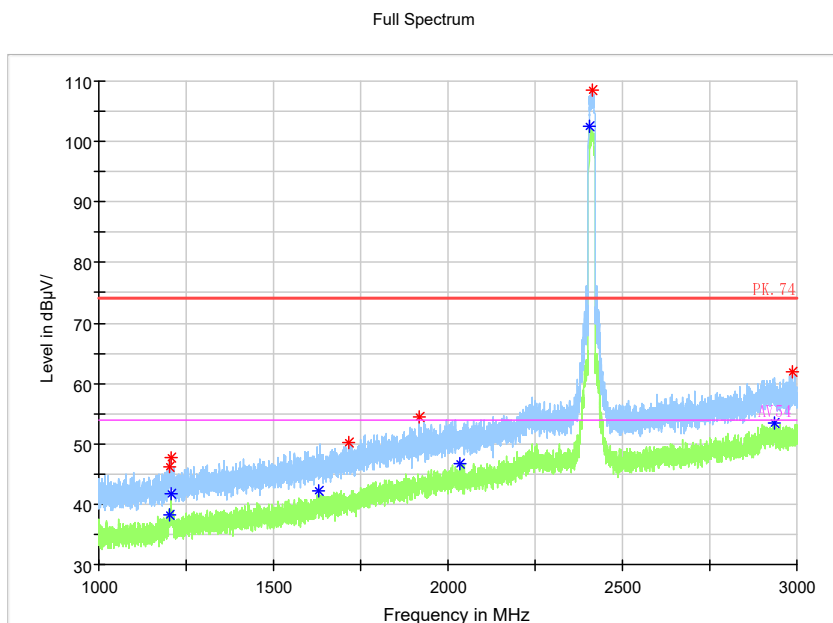
Full Spectrum



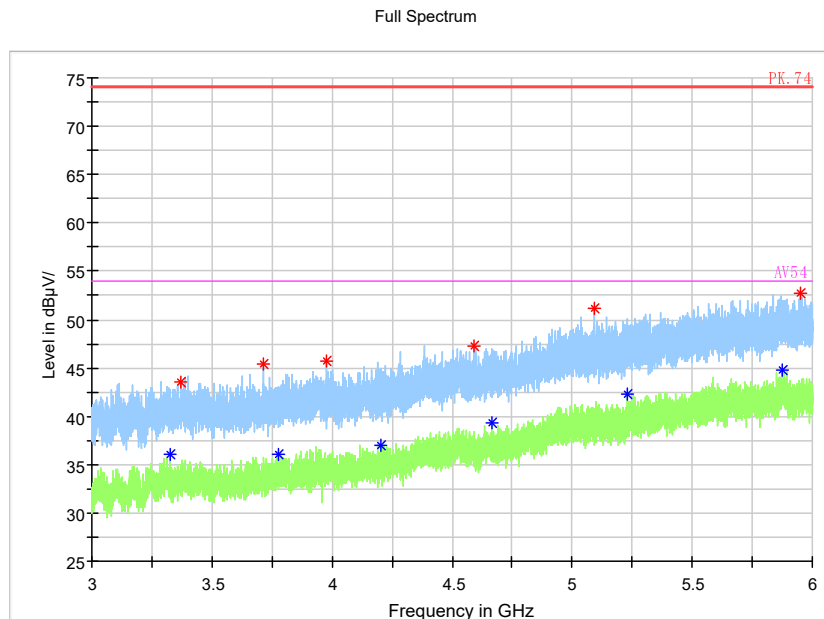
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



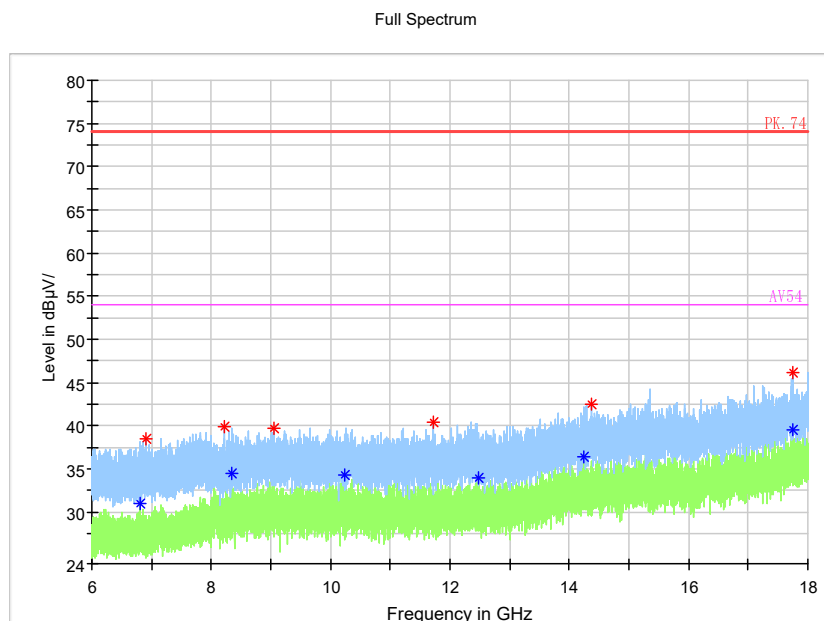
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



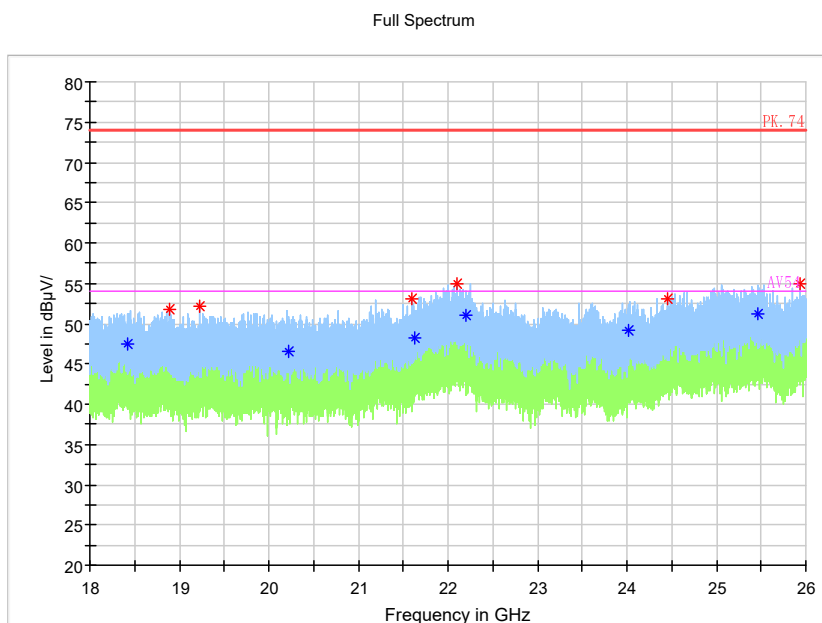
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

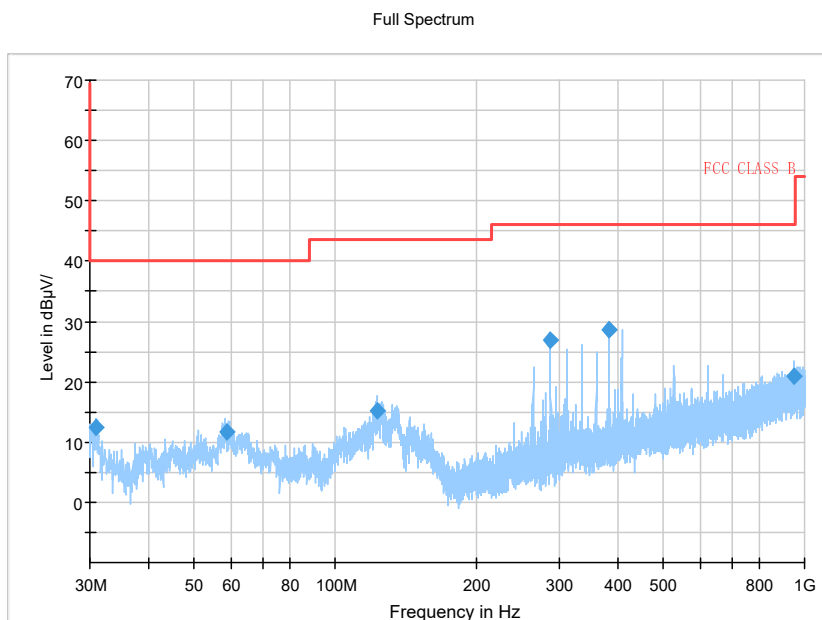


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

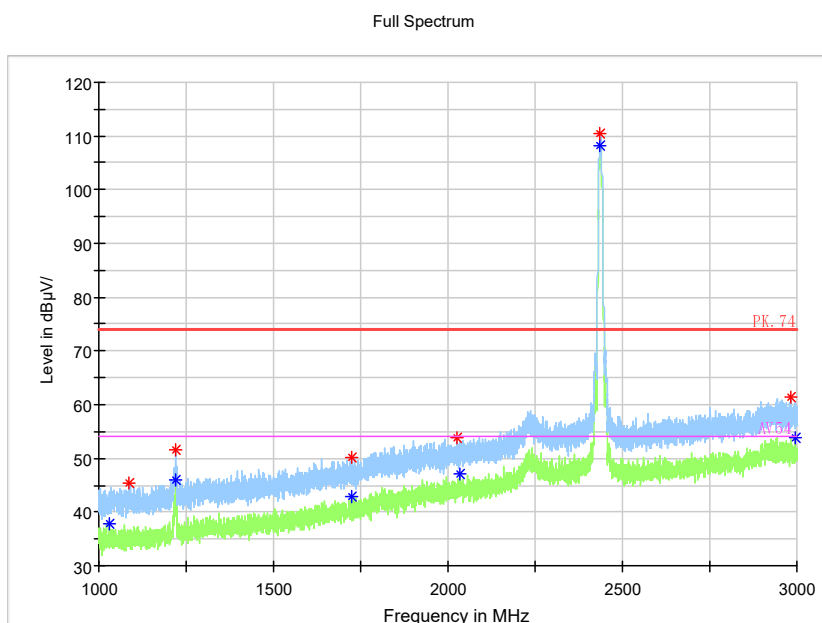


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

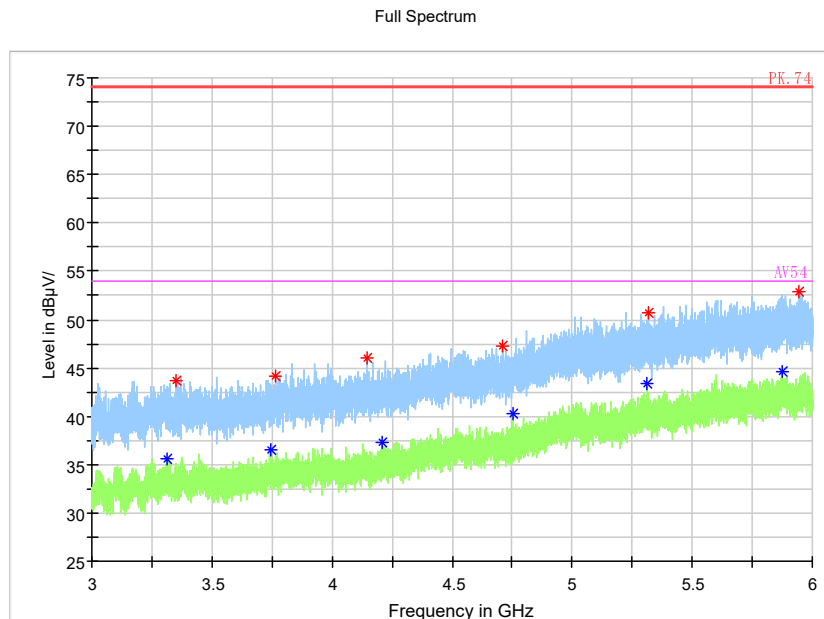
Carrier frequency (MHz): 2437
Channel No.:6



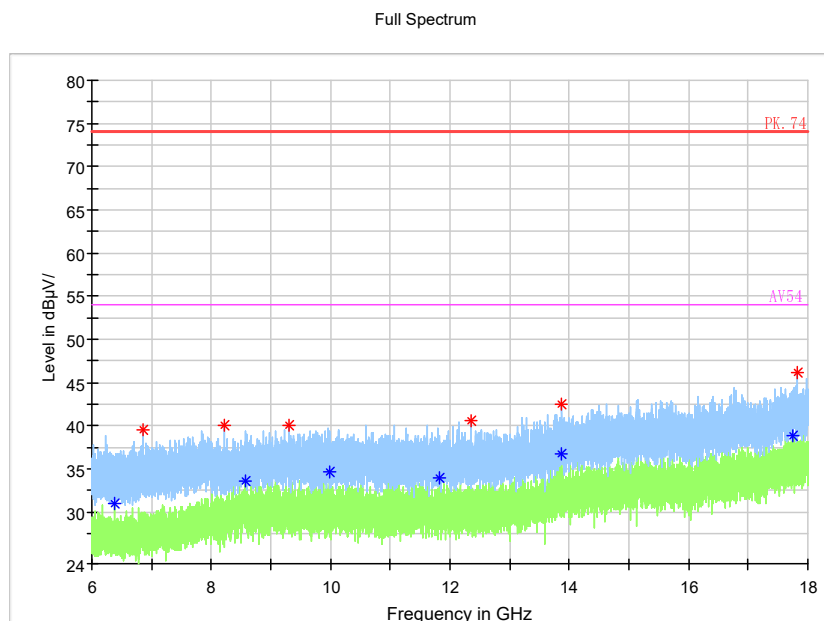
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



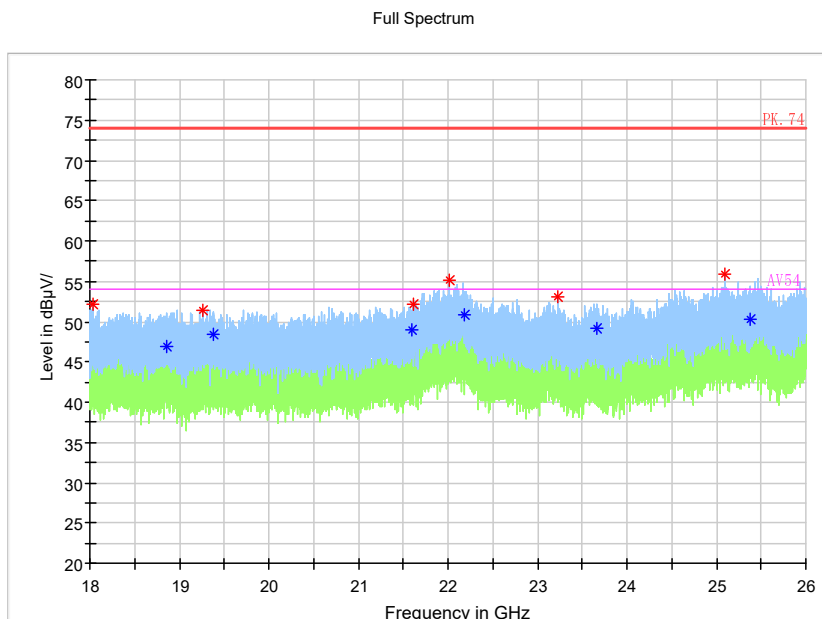
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



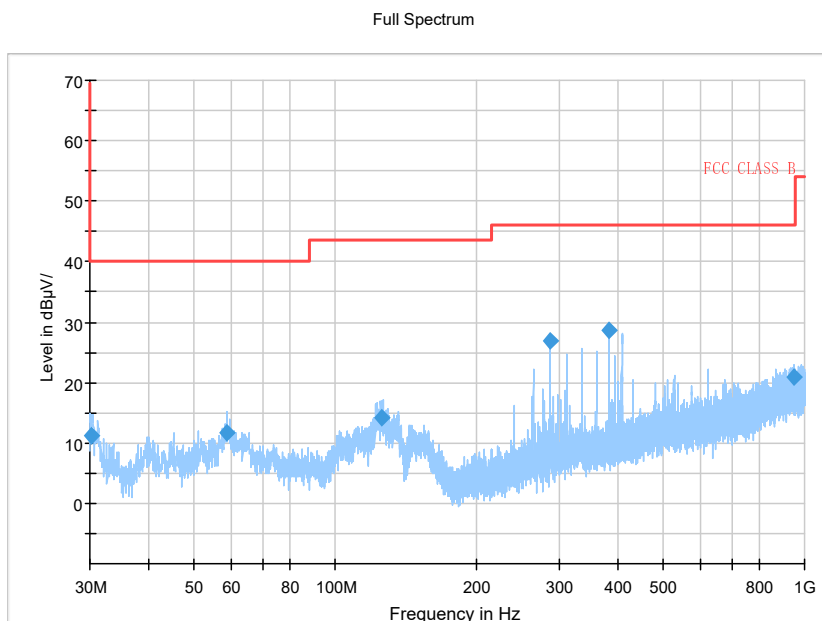
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



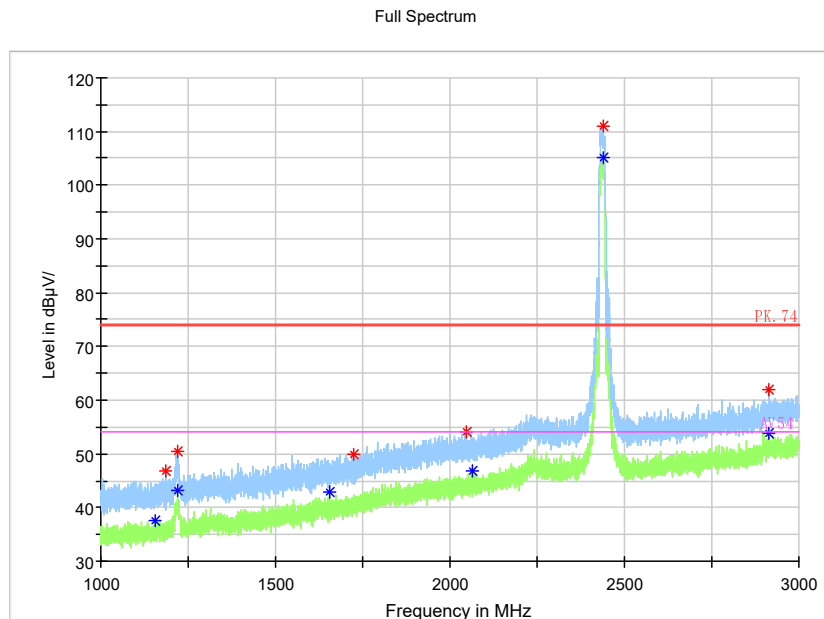
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



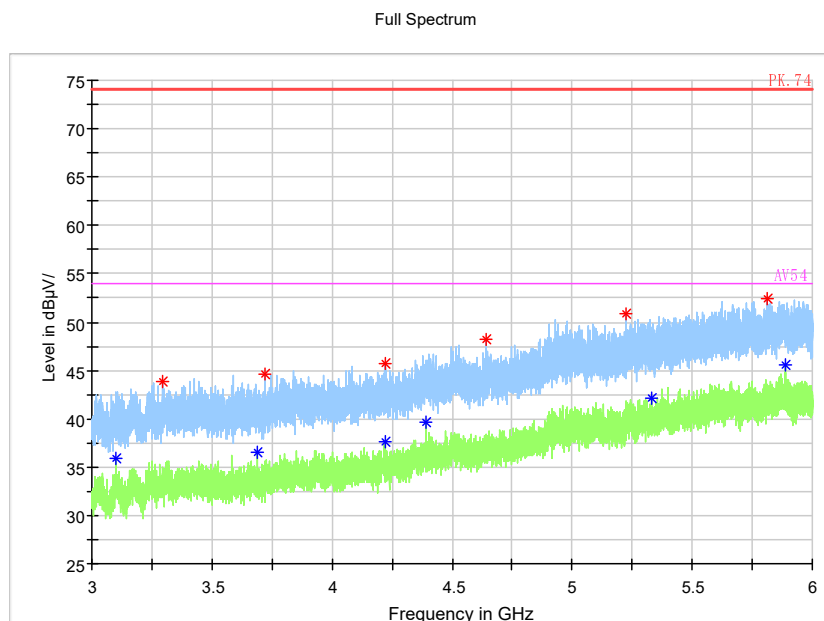
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



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

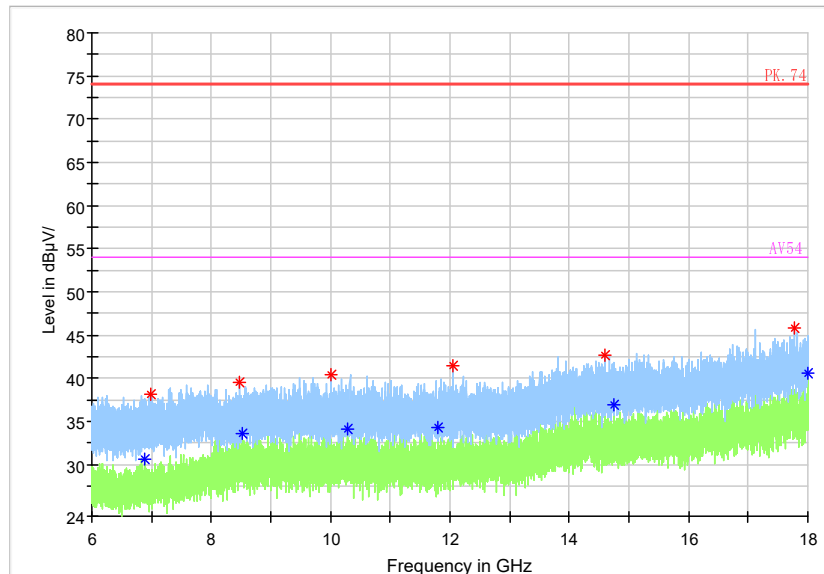


Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



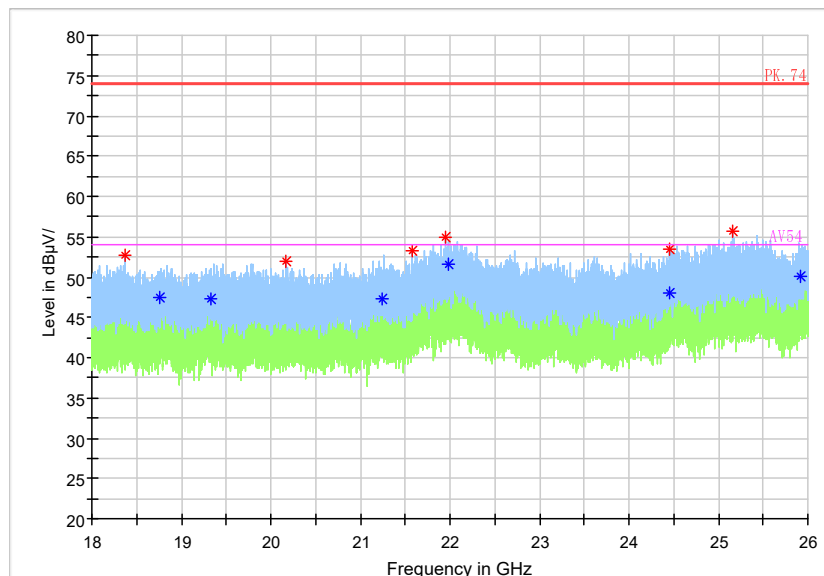
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

Full Spectrum

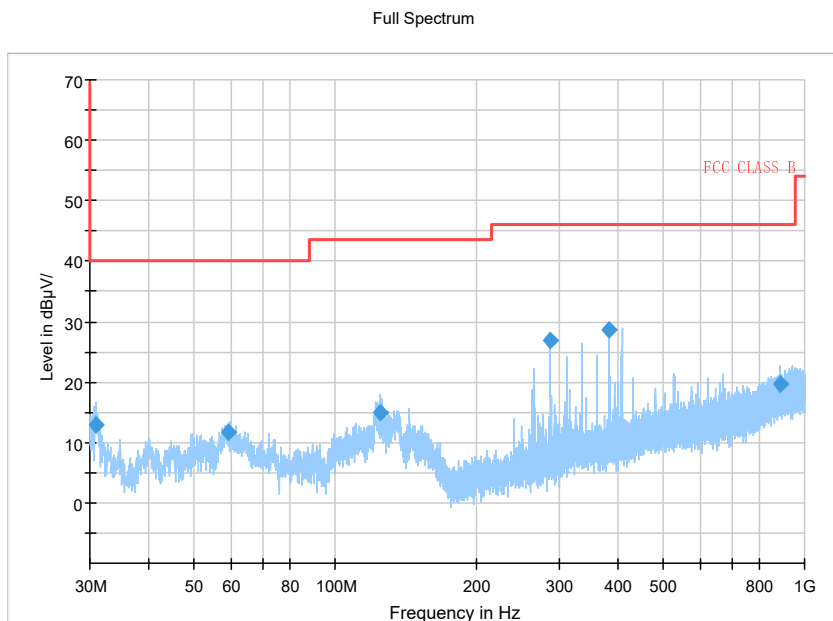


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

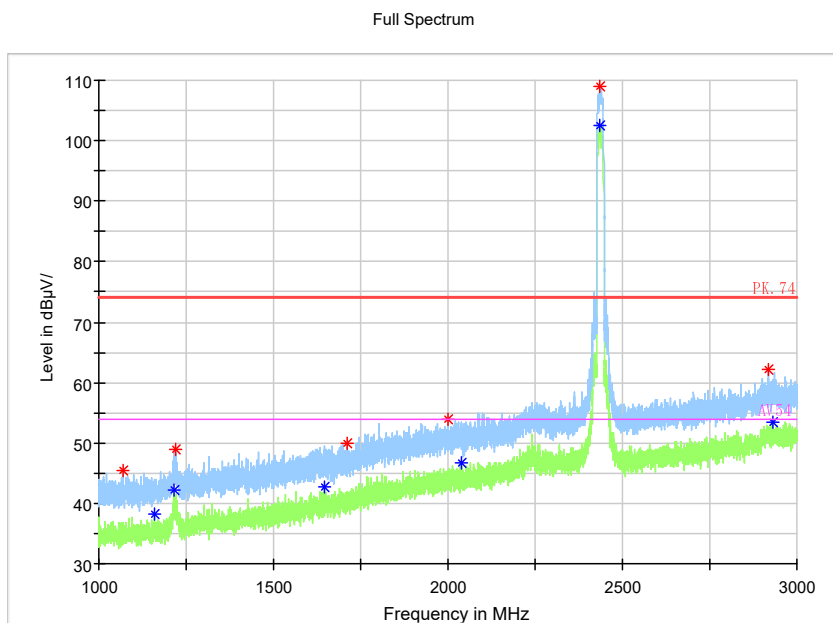
Full Spectrum



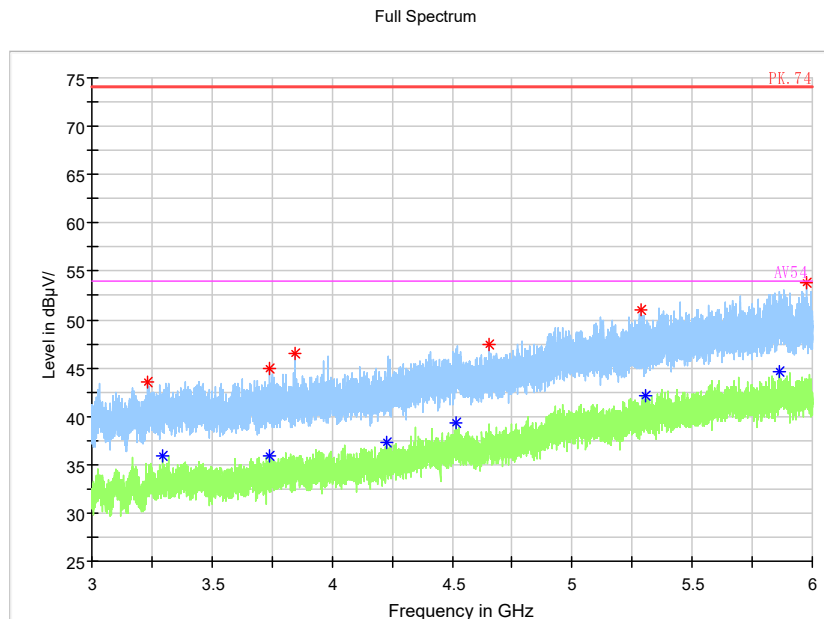
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



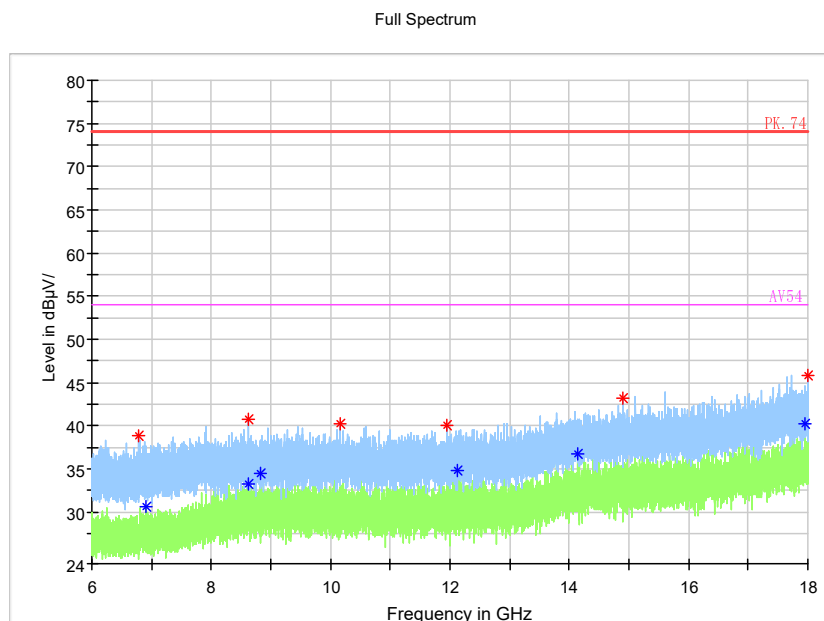
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



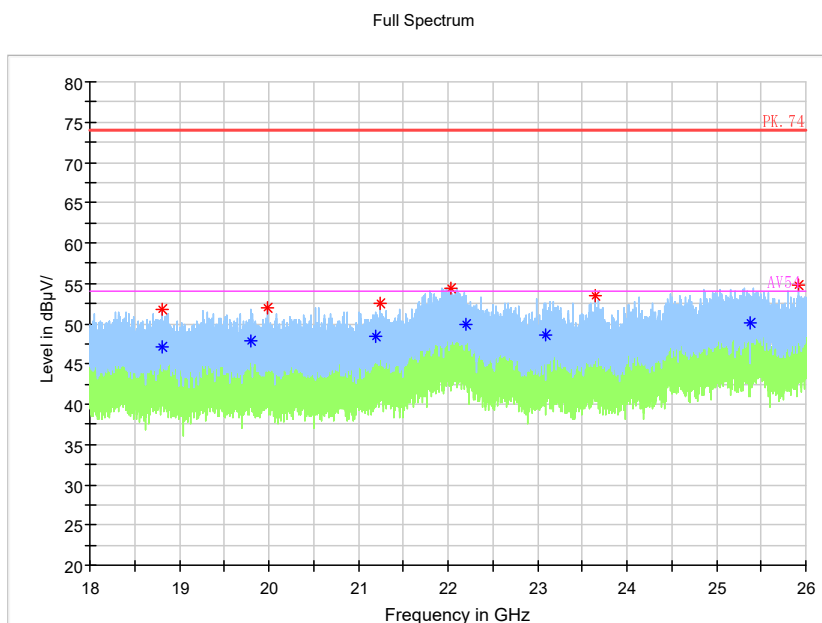
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

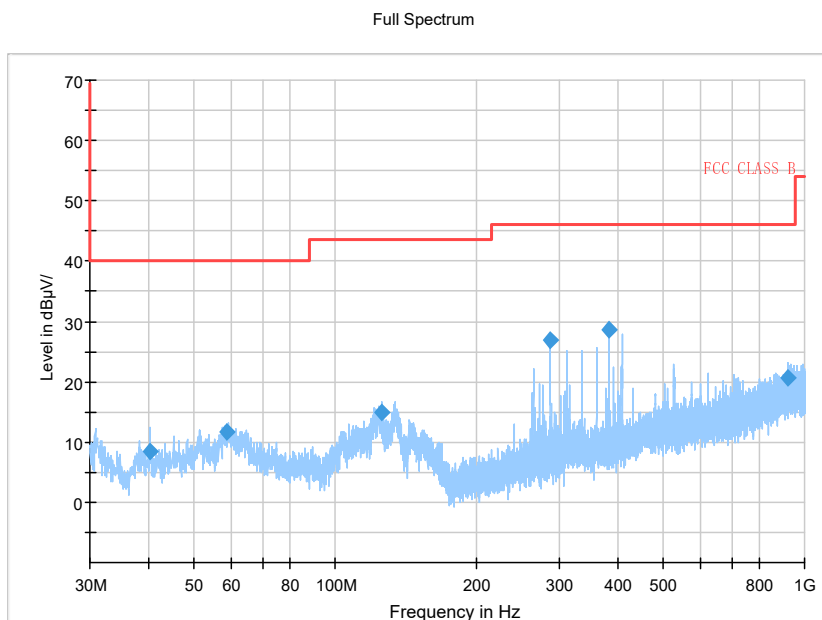


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

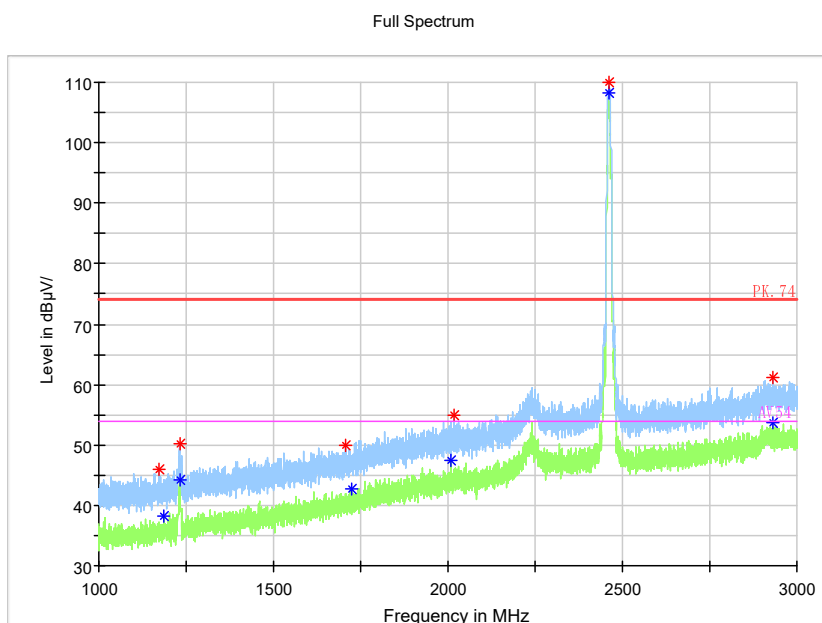


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

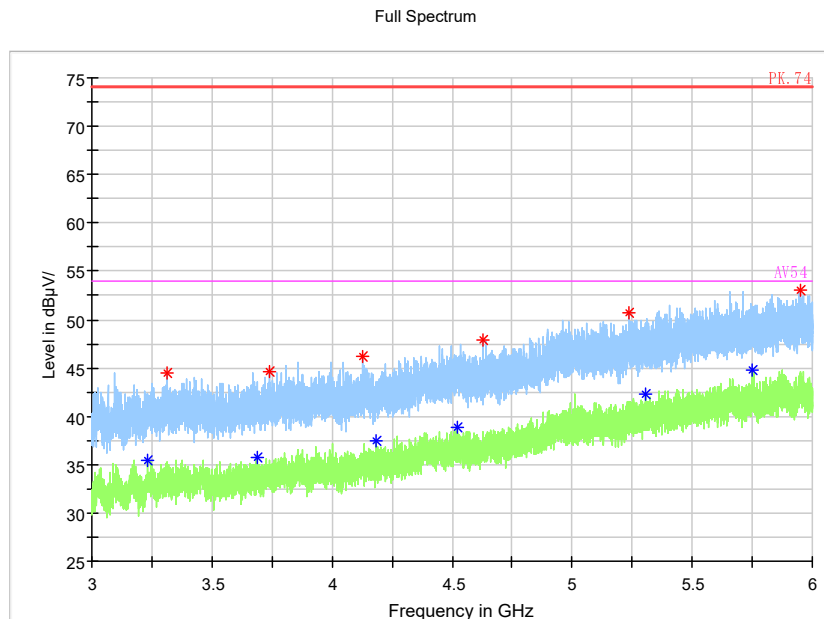
Carrier frequency (MHz): 2462
Channel No.:11



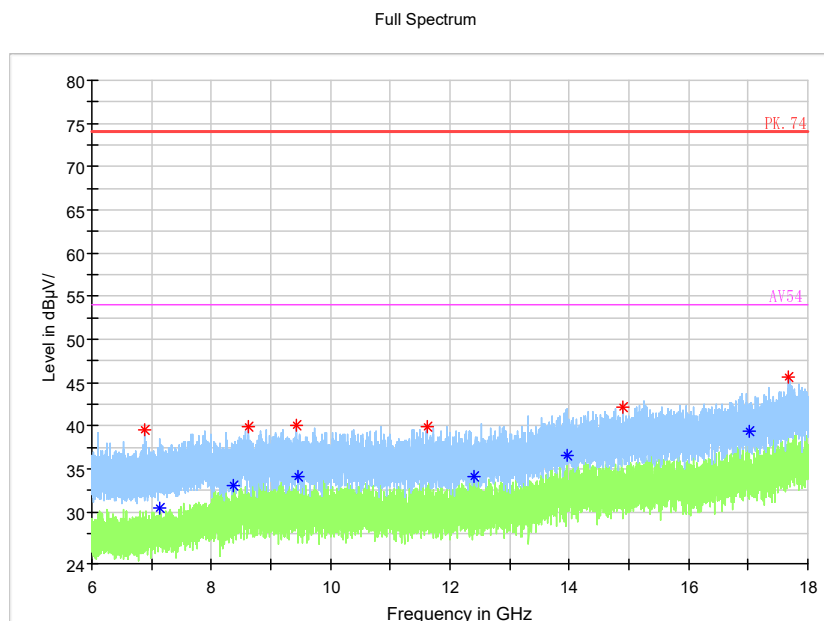
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



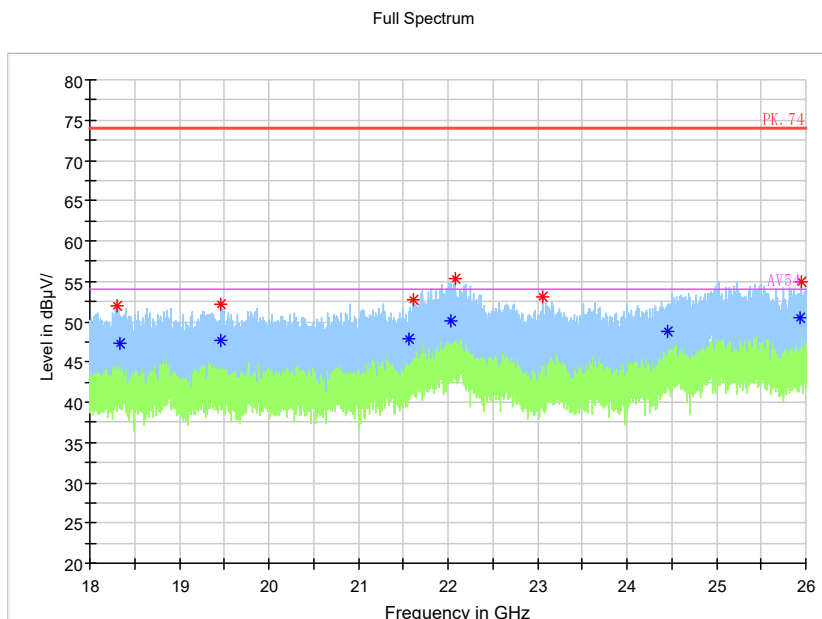
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



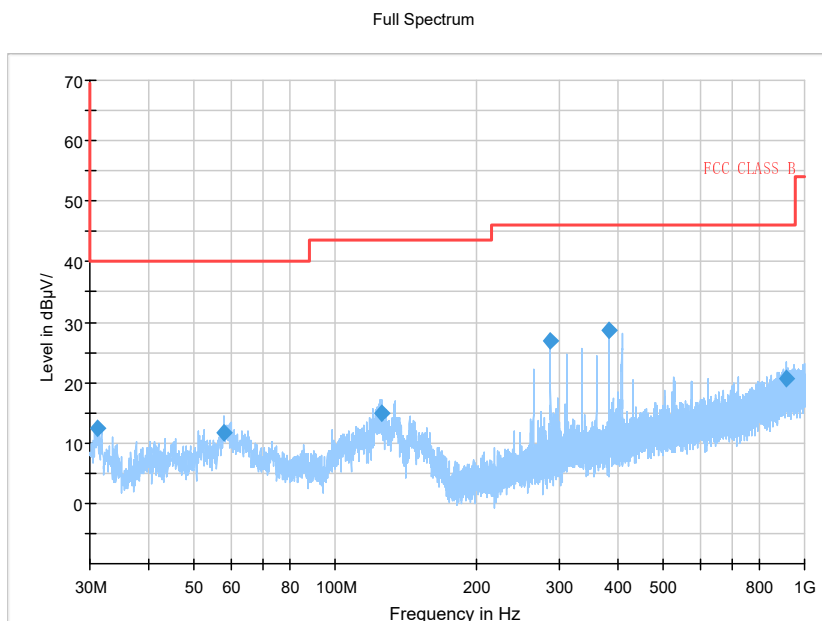
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



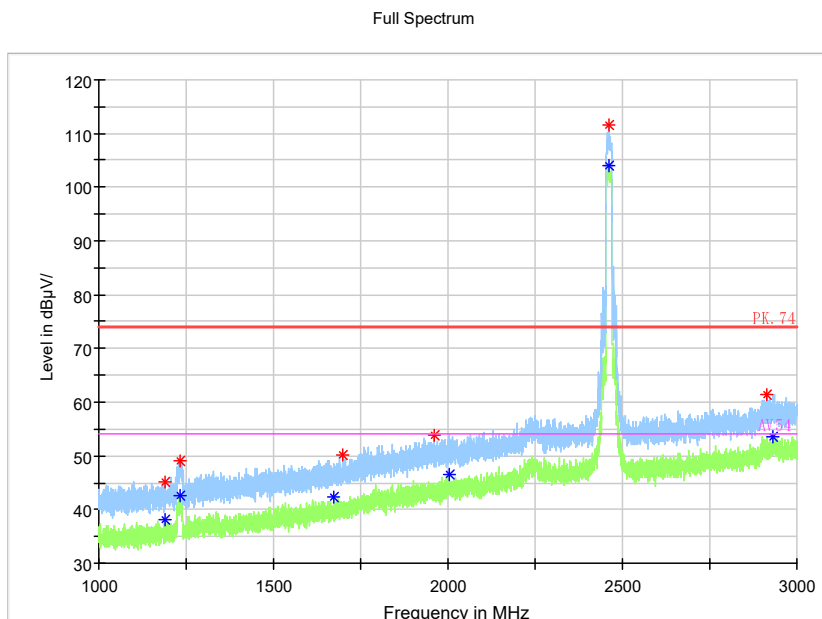
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



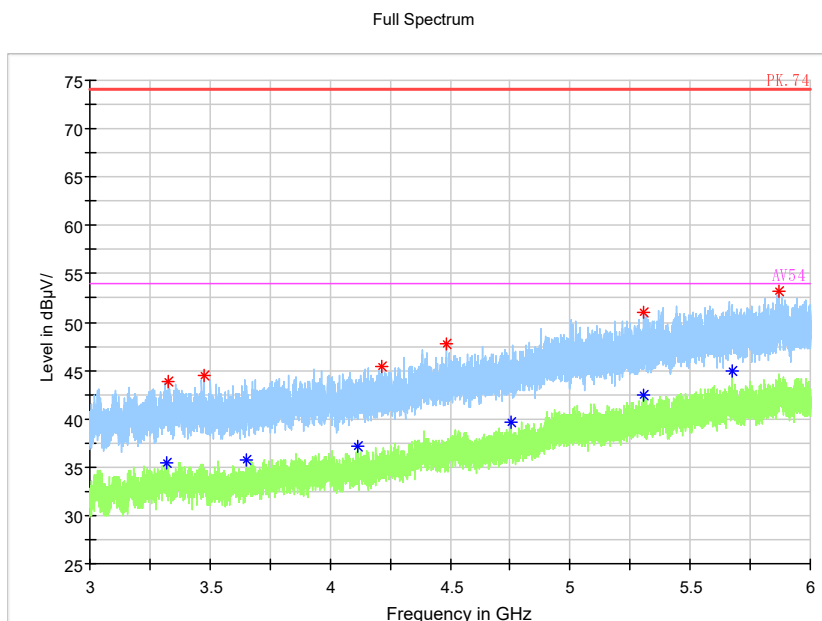
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



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

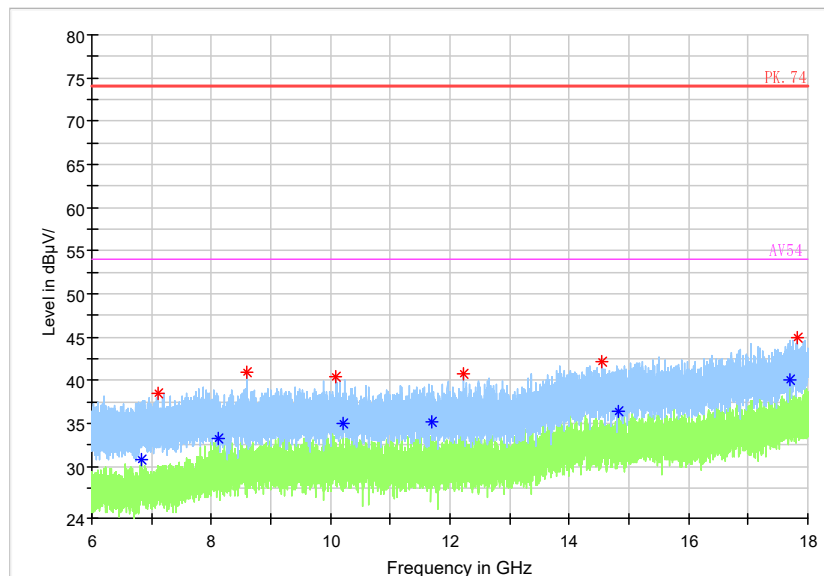


Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



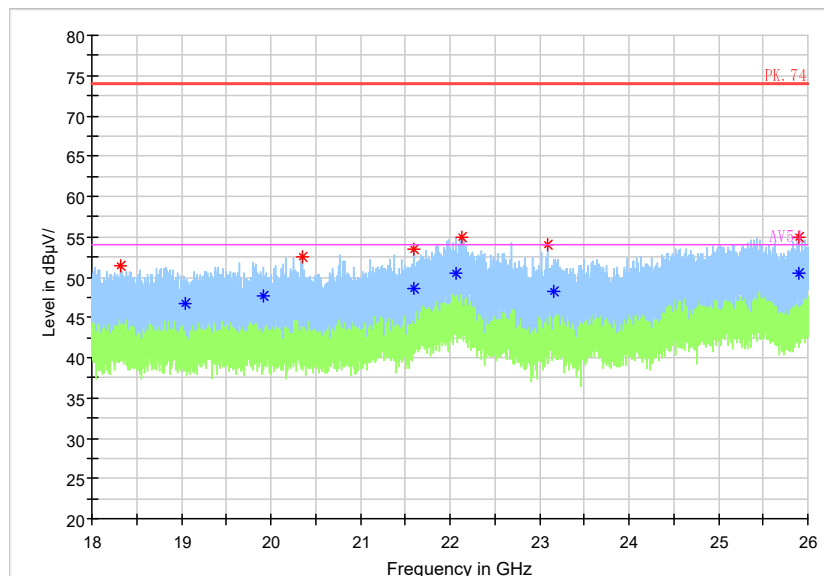
Frequency Range: 3GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

Full Spectrum

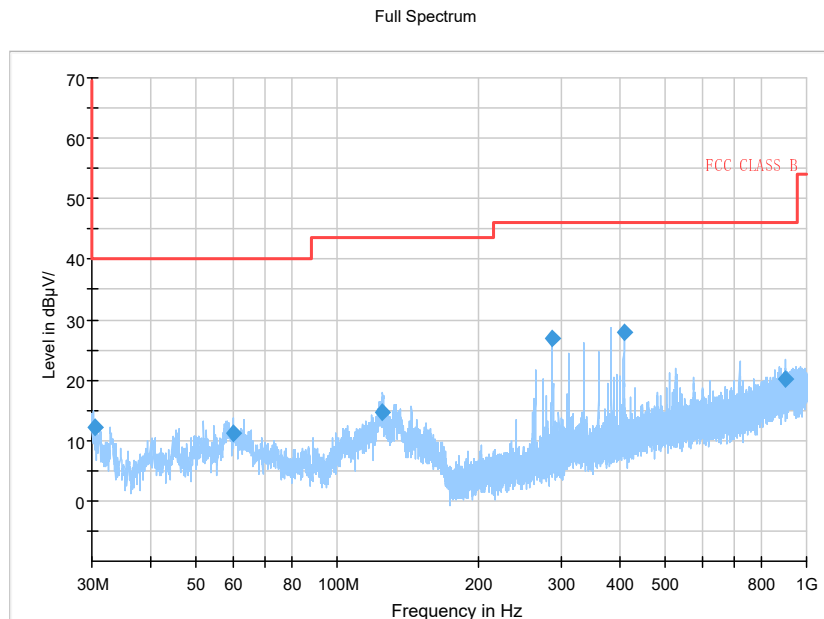


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

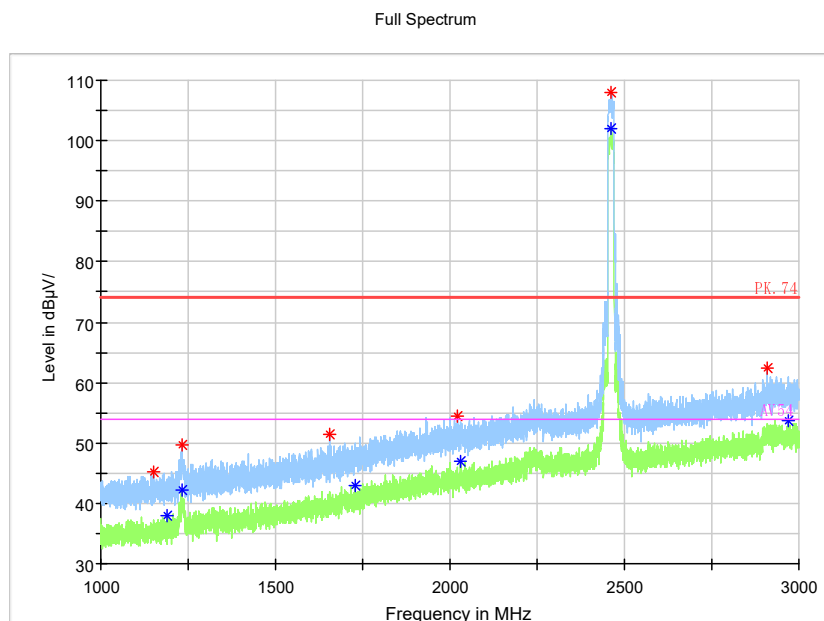
Full Spectrum



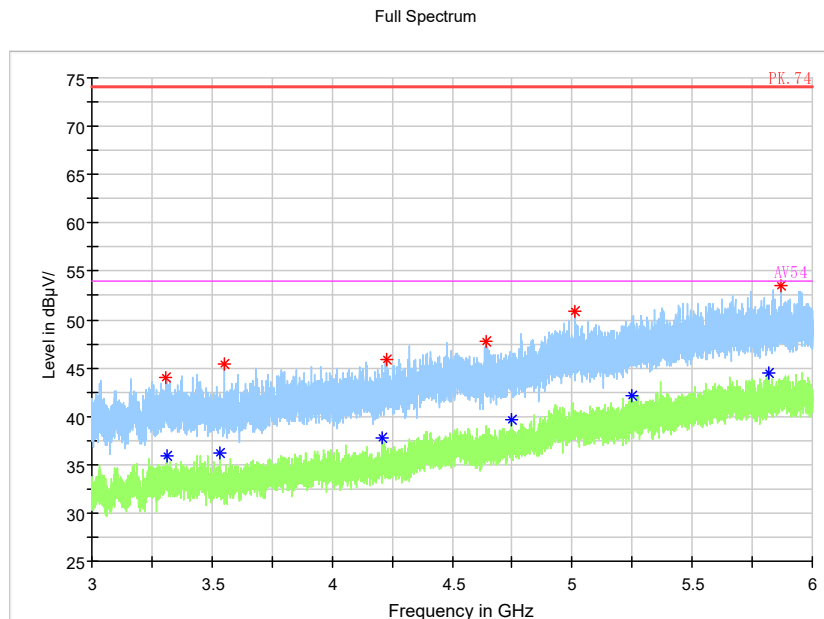
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



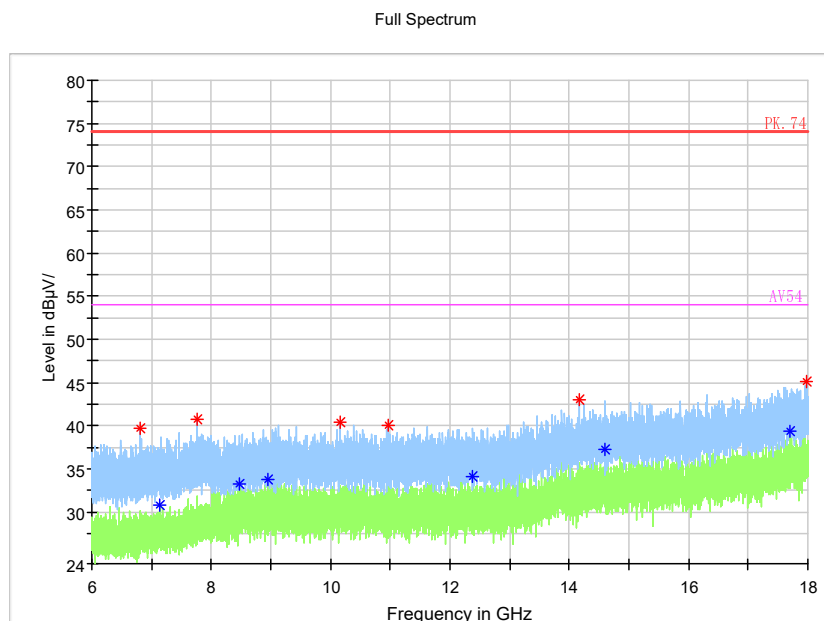
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



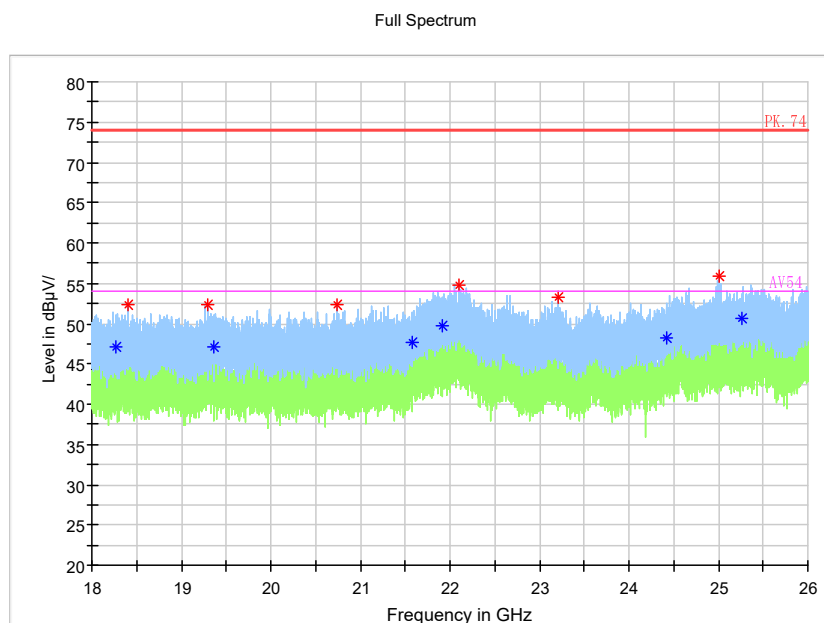
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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



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



Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

AC Power line Conducted Emission

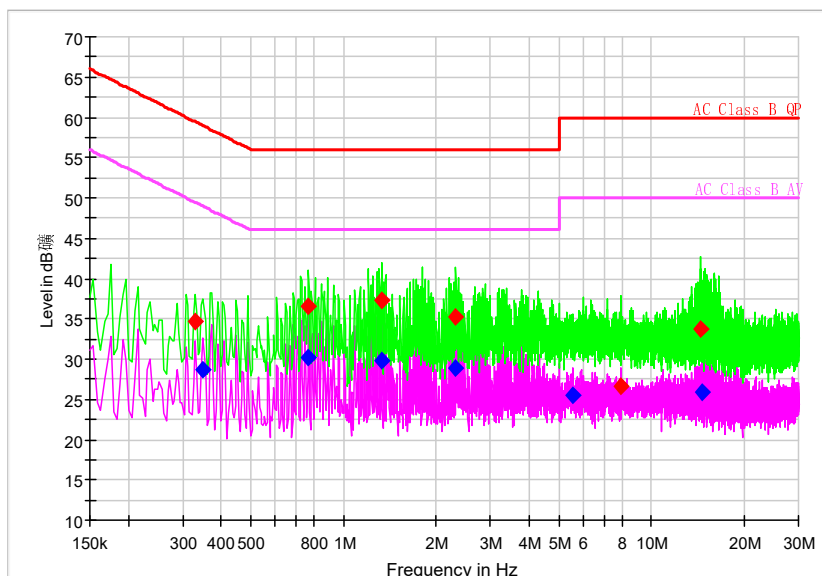
A "reference path loss" Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ is the attenuation of "reference path loss", and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

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

Sample calculation: $(38.55 \text{ dB}\mu\text{V}) = (8.85 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 0.158529MHz.

Full Spectrum



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.329100	34.62	---	59.47	24.86	L1	29.7	4.72	---
0.350421	---	28.65	48.95	20.30	N	29.7	---	-1.25
0.768321	---	30.17	46.00	15.83	N	29.7	---	0.27
0.768321	36.58	---	56.00	19.42	N	29.7	6.68	---
1.326943	37.33	---	56.00	18.67	L1	29.7	7.43	---
1.326943	---	29.76	46.00	16.24	N	29.7	---	-0.24
2.320521	35.32	---	56.00	20.68	N	29.8	5.32	---
2.320521	---	28.84	46.00	17.16	L1	29.8	---	-1.16
5.548586	---	25.48	50.00	24.52	N	29.8	---	-4.52
7.974964	26.67	---	60.00	33.33	N	29.9	-3.33	---
14.495057	33.80	---	60.00	26.20	L1	29.9	3.8	---
14.554757	---	25.90	50.00	24.10	N	29.9	---	-4.1

---End of Test Report---