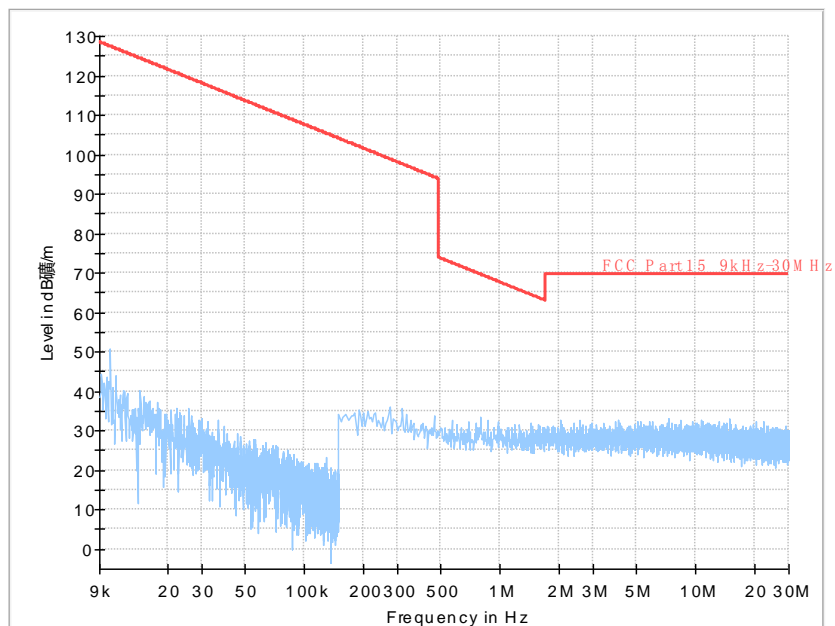
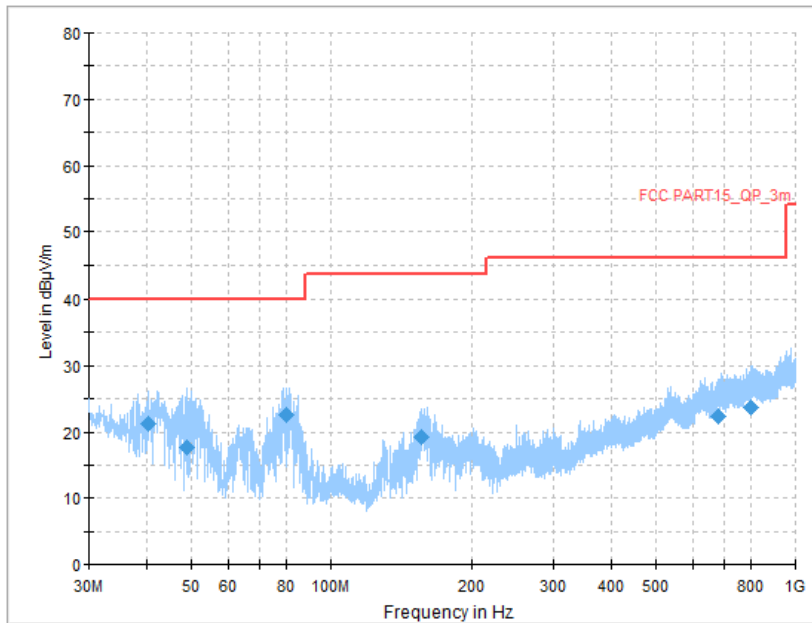


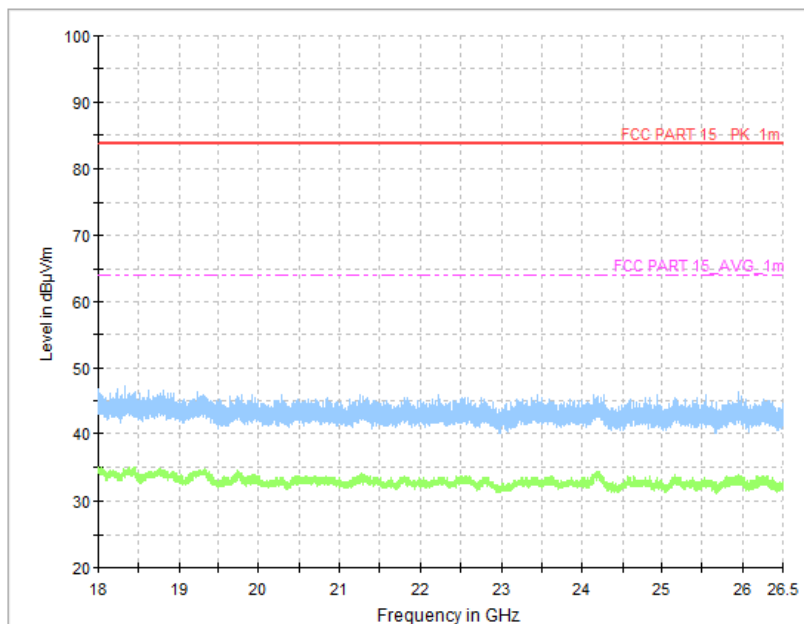
**Fig.135 Radiated Restricted Band (802.11-VHT40, CH9, 2.45GHz~2.5GHz)**



**Fig.136 Radiated Spurious Emission (All Channels, 9 kHz-30 MHz)**



**Fig.137 Radiated Spurious Emission (All Channels, 30MHz-1 GHz)**



**Fig.138 Radiated Spurious Emission (All Channels, 18 GHz-26.5 GHz)**



### A.7 AC Power line Conducted Emission

Method of Measurement: See ANSI C63.10-clause 6.2

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Result and limit:

WLAN - AE2, AE3, AE4

Frequency range (MHz)	Quasi-peak Limit (dB $\mu$ V)	Average-peak Limit (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
			Traffic	Idle	
0.15 to 0.5	66 to 56	56 to 46	Fig.139	Fig.140	<b>P</b>
0.5 to 5	56	46			
5 to 30	60	50			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

**Note:** The measurement results include the L1 and N measurements.

See below for test graphs.

Conclusion: **PASS**

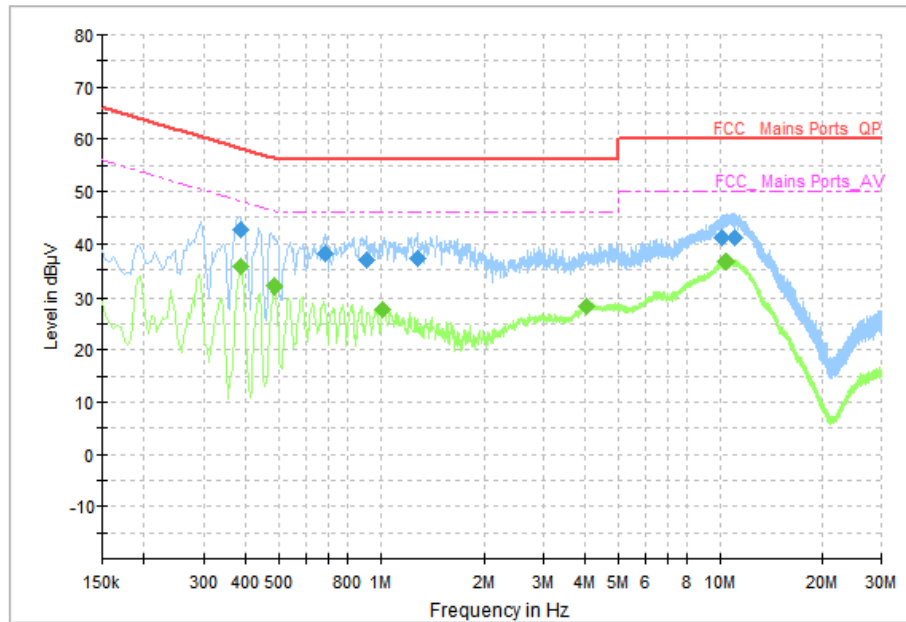


Fig.139 AC Power line Conducted Emission (Traffic)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.386000	42.79	58.15	15.36	L1	ON	10
0.686000	38.12	56.00	17.88	L1	ON	10
0.914000	36.83	56.00	19.17	L1	ON	10
1.282000	37.21	56.00	18.79	L1	ON	10
10.178000	41.07	60.00	18.93	N	ON	10
10.998000	41.22	60.00	18.78	N	ON	10

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.386000	35.68	48.15	12.47	L1	ON	10
0.482000	32.08	46.31	14.23	L1	ON	10
1.018000	27.69	46.00	18.31	L1	ON	10
4.042000	28.33	46.00	17.67	N	ON	10
10.390000	36.61	50.00	13.39	N	ON	10
10.494000	36.62	50.00	13.38	N	ON	10

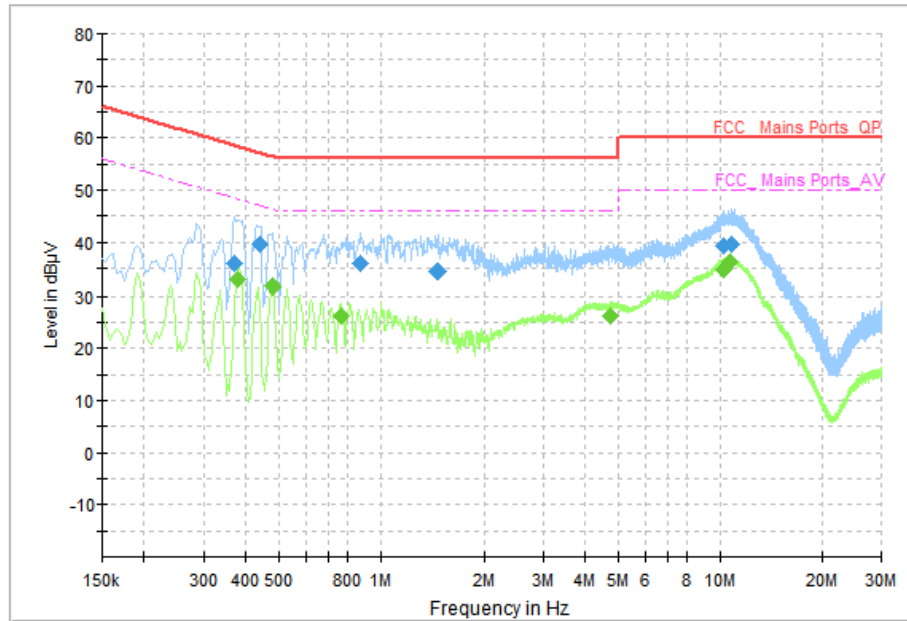


Fig.140 AC Power line Conducted Emission (Idle)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.370000	36.03	58.50	22.47	L1	ON	10
0.438000	39.50	57.10	17.60	L1	ON	10
0.874000	35.94	56.00	20.06	L1	ON	10
1.466000	34.41	56.00	21.59	L1	ON	10
10.218000	39.36	60.00	20.64	N	ON	10
10.798000	39.67	60.00	20.33	N	ON	10

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.378000	32.90	48.32	12.43	L1	ON	10
0.478000	31.77	46.37	14.60	L1	ON	10
0.762000	26.24	46.00	19.76	L1	ON	10
4.738000	26.32	46.00	19.68	L1	ON	10
10.282000	34.72	50.00	15.28	N	ON	10
10.650000	36.25	50.00	13.75	N	ON	10

\*\*\*END OF REPORT\*\*\*