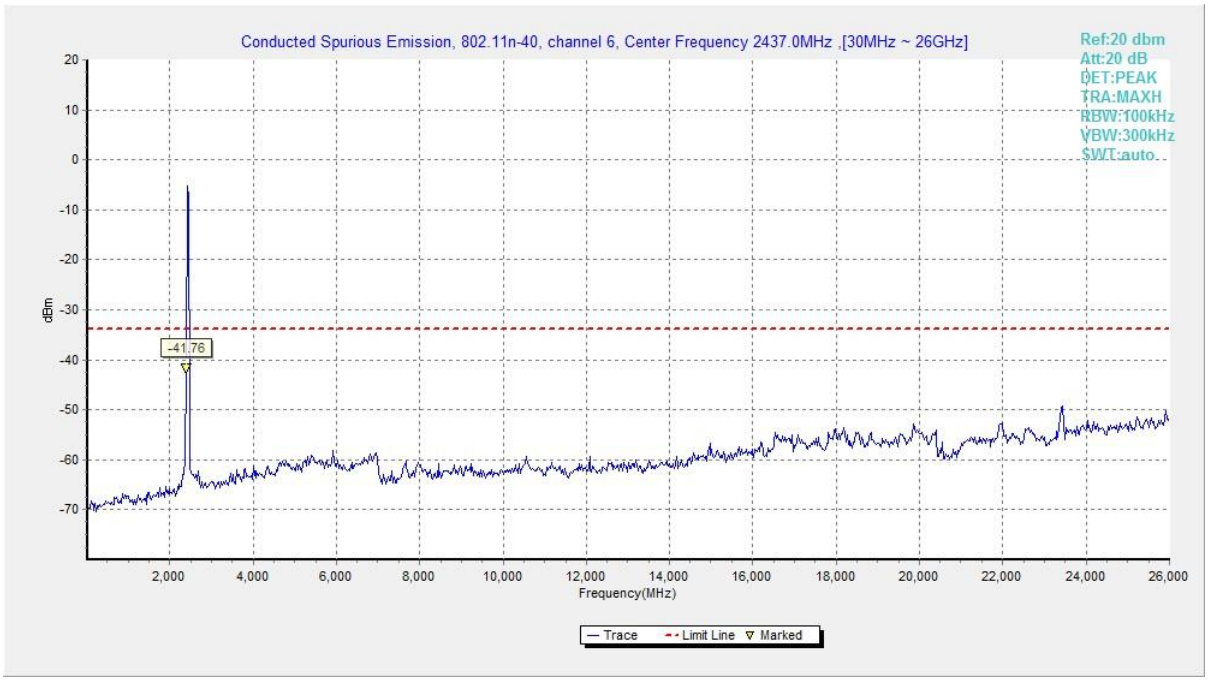

Fig.43 Conducted Spurious Emission (802.11n HT40, CH6)

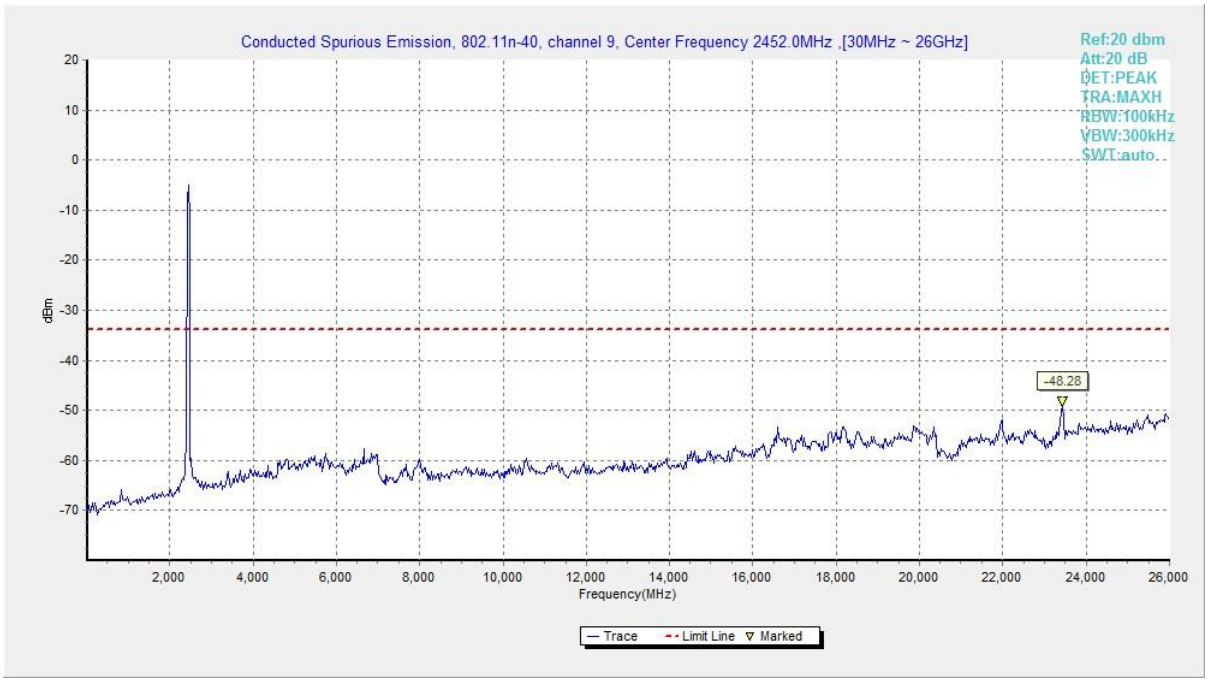

Fig.44 Conducted Spurious Emission (802.11n HT40, CH9)

A.7 Radiated Emission

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209 & RSS-247 section 5.5/RSS-Gen section 6.13	20dB below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength (μV/m)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Condition:

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission (MHz)	RBW/VBW	Sweep Time (s)
30-1000	120kHz/300kHz	5
1000-4000	1MHz/3MHz	15
4000-18000	1MHz/3MHz	40
18000-26500	1MHz/3MHz	20

Note: According to the performance evaluation, the radiated emission margin of EUT is over 20dB in the band from 9kHz to 30MHz. Therefore, the measurement starts from 30MHz to tenth harmonic. The measurement results include the horizontal polarization and vertical polarization measurements.

Measurement Results:

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	CH 1	1 GHz ~ 3 GHz	Fig.45	P
		3 GHz ~ 18 GHz	Fig.46	P
	CH 6	1 GHz ~ 3 GHz	Fig.47	P
		3 GHz ~ 18 GHz	Fig.48	P
	CH 11	1 GHz ~ 3 GHz	Fig.49	P
		3 GHz ~ 18 GHz	Fig.50	P
	Restricted Band (CH1)	2.38 GHz ~ 2.45 GHz	Fig.51	P
	Restricted Band (CH11)	2.45 GHz ~ 2.5 GHz	Fig.52	P
802.11g	CH 1	1 GHz ~ 3 GHz	Fig.53	P
		3 GHz ~ 18 GHz	Fig.54	P
	CH 6	1 GHz ~ 3 GHz	Fig.55	P
		3 GHz ~ 18 GHz	Fig.56	P
	CH 11	1 GHz ~ 3 GHz	Fig.57	P
		3 GHz ~ 18 GHz	Fig.58	P
	Restricted Band (CH1)	2.38 GHz ~ 2.45 GHz	Fig.59	P
	Restricted Band (CH11)	2.45 GHz ~ 2.5 GHz	Fig.60	P
802.11n HT20	CH 1	1 GHz ~ 3 GHz	Fig.61	P
		3 GHz ~ 18 GHz	Fig.62	P
	CH 6	1 GHz ~ 3 GHz	Fig.63	P
		3 GHz ~ 18 GHz	Fig.64	P
	CH 11	1 GHz ~ 3 GHz	Fig.65	P
		3 GHz ~ 18 GHz	Fig.66	P
	Restricted Band (CH1)	2.38 GHz ~ 2.45 GHz	Fig.67	P
	Restricted Band (CH11)	2.45 GHz ~ 2.5 GHz	Fig.68	P
802.11n HT40	CH 3	1 GHz ~ 3 GHz	Fig.69	P
		3 GHz ~ 18 GHz	Fig.70	P
	CH 6	1 GHz ~ 3 GHz	Fig.71	P
		3 GHz ~ 18 GHz	Fig.72	P
	CH 9	1 GHz ~ 3 GHz	Fig.73	P
		3 GHz ~ 18 GHz	Fig.74	P
	Restricted Band (CH3)	2.38 GHz ~ 2.45 GHz	Fig.75	P
	Restricted Band (CH9)	2.45 GHz ~ 2.5 GHz	Fig.76	P
/	All Channels	9 kHz ~ 30 MHz	Fig.77	P
		30 MHz ~ 1 GHz	Fig.78	P
		18 GHz ~ 26.5 GHz	Fig.79	P

Worst-Case Result:

802.11b CH11 (3GHz-18GHz)

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
10569.00	44.96	74.00	29.04	H	5.0
11789.50	45.88	74.00	28.12	H	6.7
12887.50	46.51	74.00	27.49	H	8.5
14471.00	47.87	74.00	26.13	H	11.2
15942.50	48.43	74.00	25.57	V	13.3
17484.00	50.47	74.00	23.53	H	14.8

Frequency (MHz)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
10570.50	35.56	54.00	18.44	V	5.0
11790.50	35.70	54.00	18.30	H	6.7
12883.00	36.25	54.00	17.75	H	8.5
14459.00	38.79	54.00	15.21	V	11.2
15972.50	39.72	54.00	14.28	H	13.3
17493.50	40.80	54.00	13.20	H	14.8

802.11g CH6 (3GHz-18GHz)

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
10197.50	45.12	74.00	28.88	V	5.1
11624.00	44.54	74.00	29.46	V	6.9
13056.50	46.43	74.00	27.57	V	8.3
14749.00	48.69	74.00	25.31	V	10.8
16473.00	50.28	74.00	23.72	H	14.5
17911.00	51.70	74.00	22.30	V	16.3

Frequency (MHz)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
10182.00	35.51	54.00	18.49	V	5.1
11630.50	36.38	54.00	17.62	H	6.9
13057.00	36.66	54.00	17.34	V	8.3
14748.50	37.92	54.00	16.08	V	10.8
16477.00	40.42	54.00	13.58	V	14.5
17914.50	41.31	54.00	12.69	V	16.3

802.11n HT20 CH6 (3GHz-18GHz)

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
10256.00	44.97	74.00	29.03	H	5.2
11525.50	45.67	74.00	28.33	H	6.3
12485.50	46.80	74.00	27.20	V	8.0
14510.00	48.48	74.00	25.52	V	11.5
16351.00	50.10	74.00	23.90	V	14.4
17544.50	51.89	74.00	22.11	V	15.1

Frequency (MHz)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
10237.00	35.58	54.00	18.42	H	5.2
11651.00	37.01	54.00	16.99	V	6.3
12974.50	37.38	54.00	16.62	V	8.0
14502.00	39.11	54.00	14.89	H	11.5
16341.00	40.72	54.00	13.28	H	14.4
17872.00	41.70	54.00	12.30	V	15.1

802.11n HT40 CH6 (3GHz-18GHz)

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
9840.50	44.80	74.00	29.20	H	4.50
10839.00	44.79	74.00	29.21	V	5.30
11605.50	46.61	74.00	27.39	V	6.70
13131.00	46.75	74.00	27.25	H	8.50
14624.50	48.56	74.00	25.44	V	11.30
17191.50	49.89	74.00	24.11	H	14.80

Frequency (MHz)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
9840.00	35.08	54.00	18.92	H	4.50
10837.00	34.69	54.00	19.31	H	5.30
11602.50	35.83	54.00	18.17	H	6.70
13133.00	36.74	54.00	17.26	V	8.50
14620.50	38.25	54.00	15.75	H	11.30
17195.50	39.82	54.00	14.18	H	14.80

See below for test graphs.

Conclusion: PASS

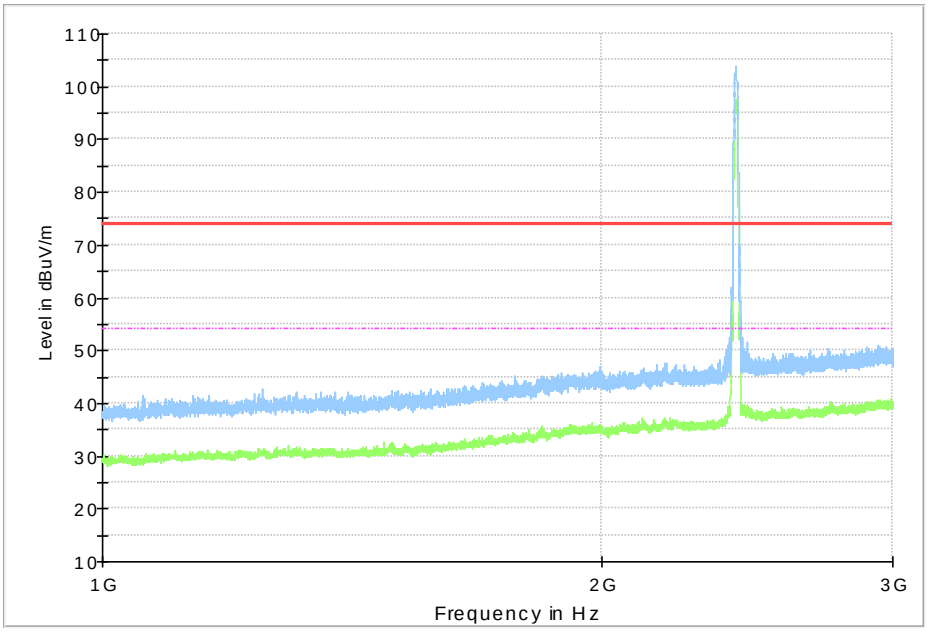

Fig.45 Radiated Spurious Emission (802.11b, CH1, 1GHz-3GHz)

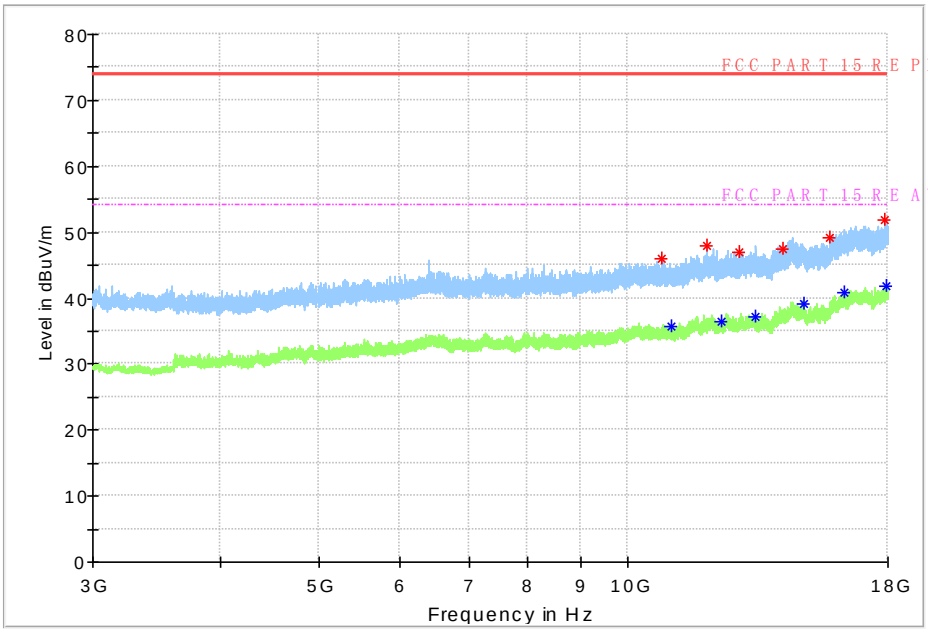

Fig.46 Radiated Spurious Emission (802.11b, CH1, 3GHz-18GHz)

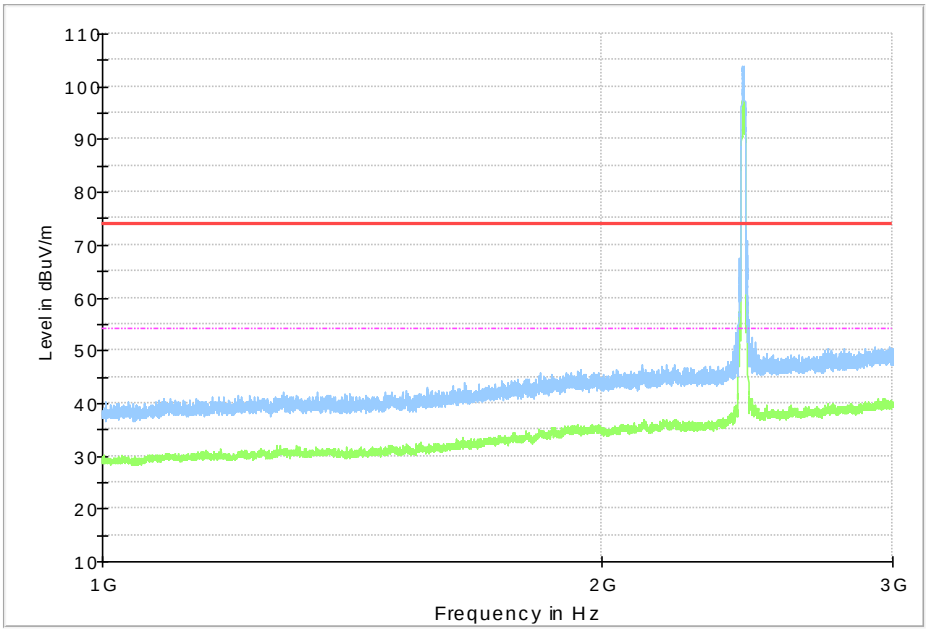

Fig.47 Radiated Spurious Emission (802.11b, CH6, 1GHz-3GHz)

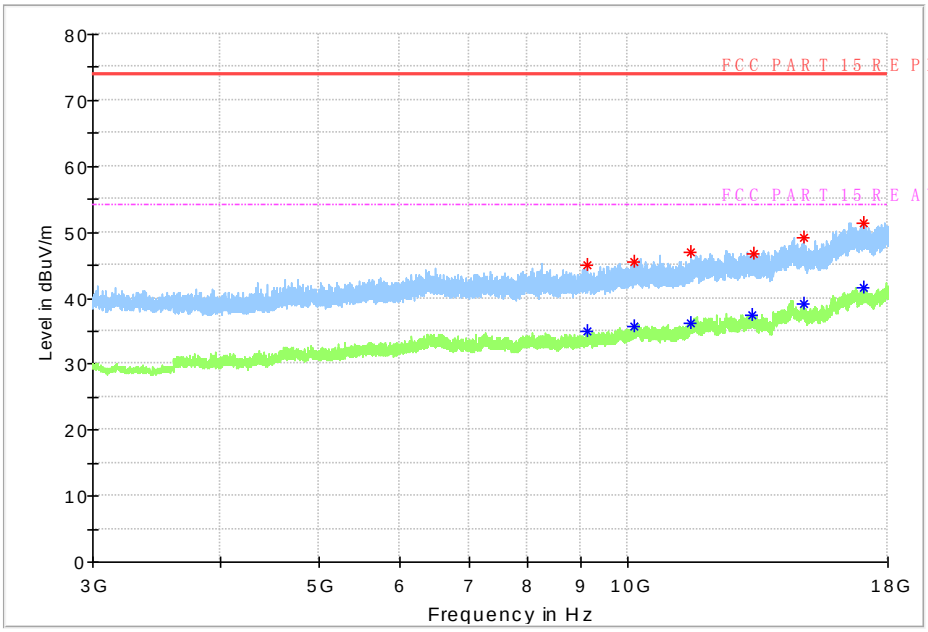

Fig.48 Radiated Spurious Emission (802.11b, CH6, 3GHz-18GHz)

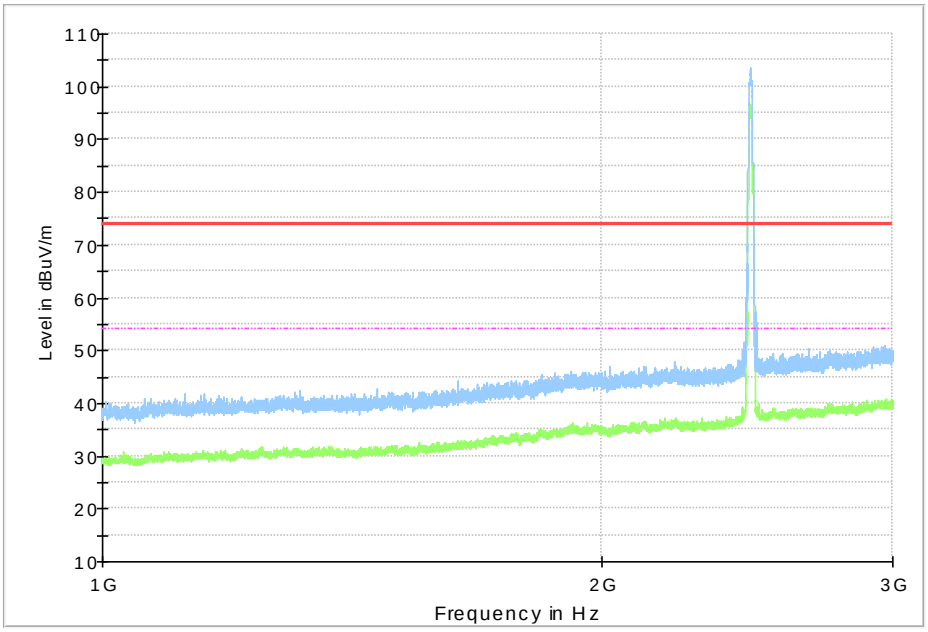

Fig.49 Radiated Spurious Emission (802.11b, CH11, 1GHz-3GHz)

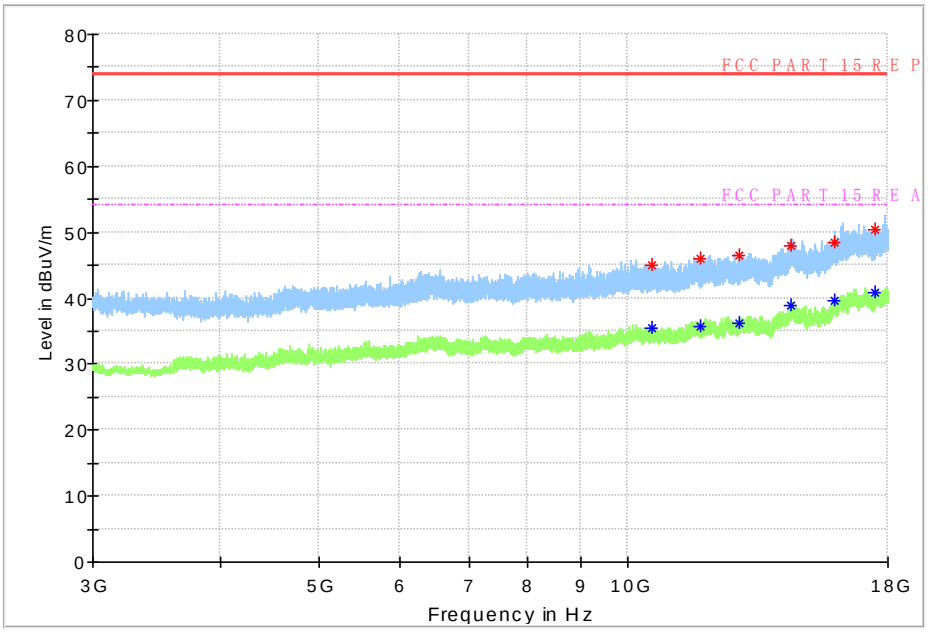

Fig.50 Radiated Spurious Emission (802.11b, CH11, 3GHz-18GHz)

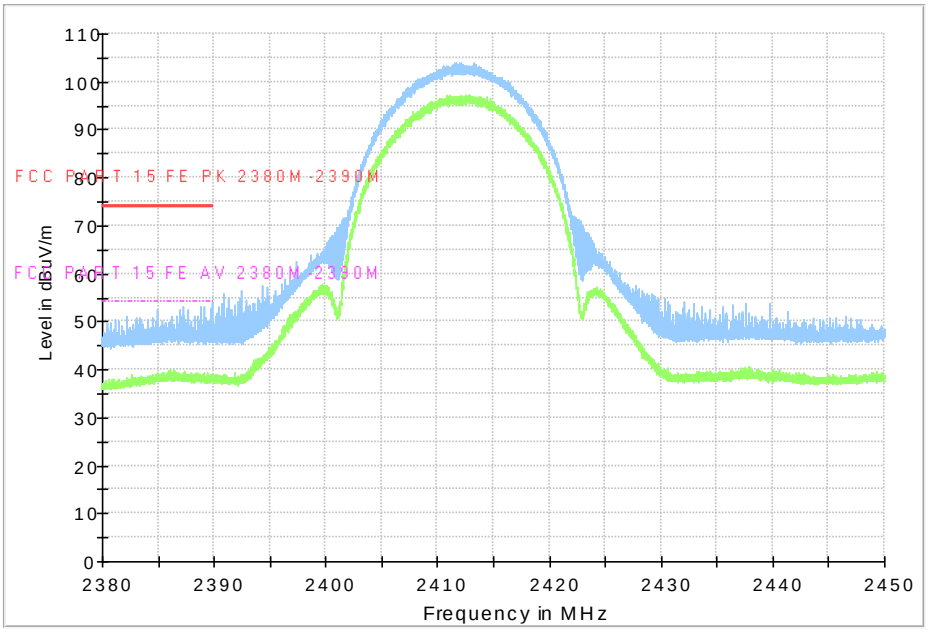

Fig.51 Radiated Restricted Band (802.11b, CH1, 2.38GHz~2.45GHz)

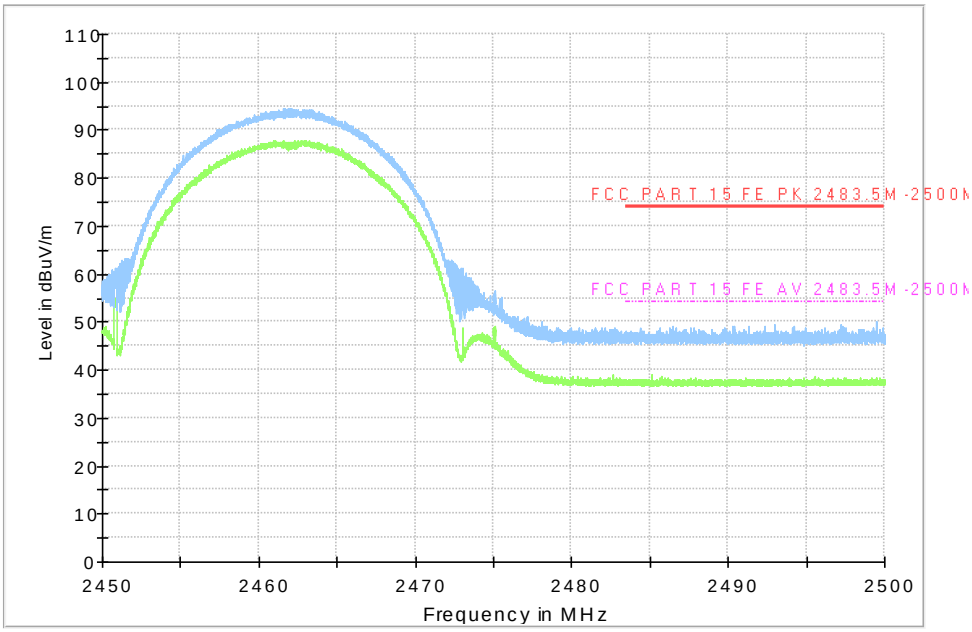

Fig.52 Radiated Restricted Band (802.11b, CH11, 2.45GHz~2.5GHz)

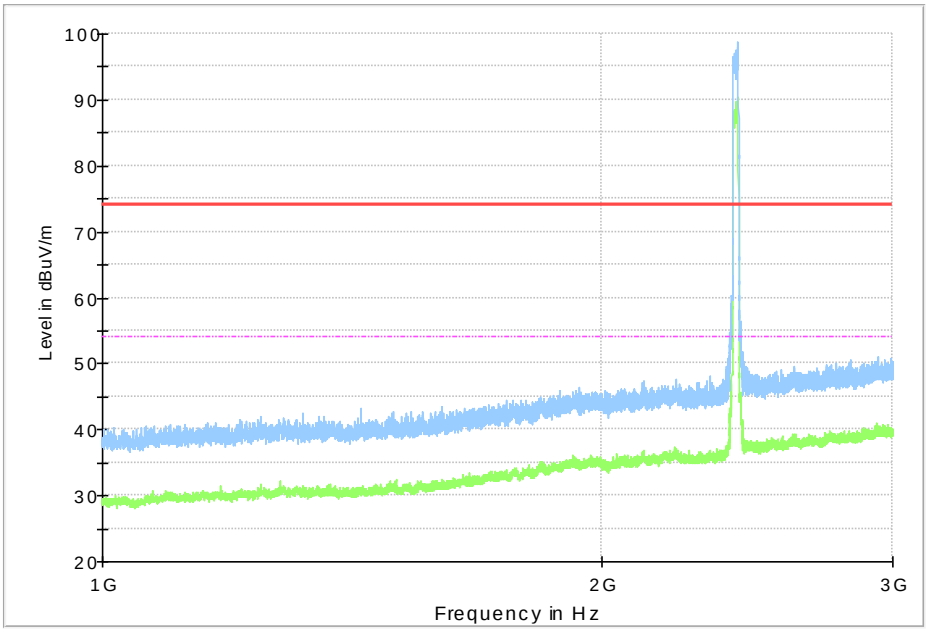

Fig.53 Radiated Spurious Emission (802.11g, CH1, 1GHz-3GHz)

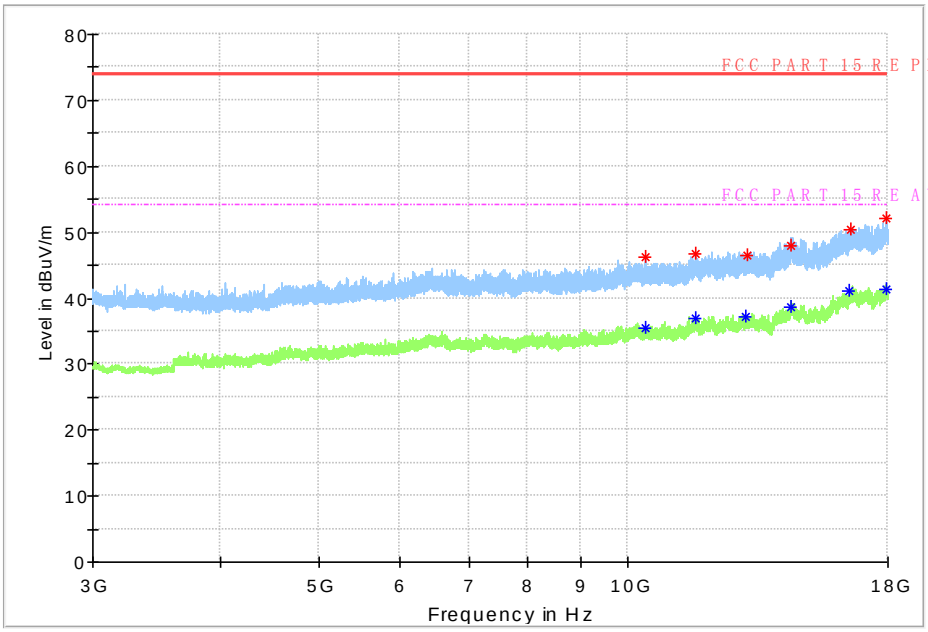

Fig.54 Radiated Spurious Emission (802.11g, CH1, 3GHz-18GHz)

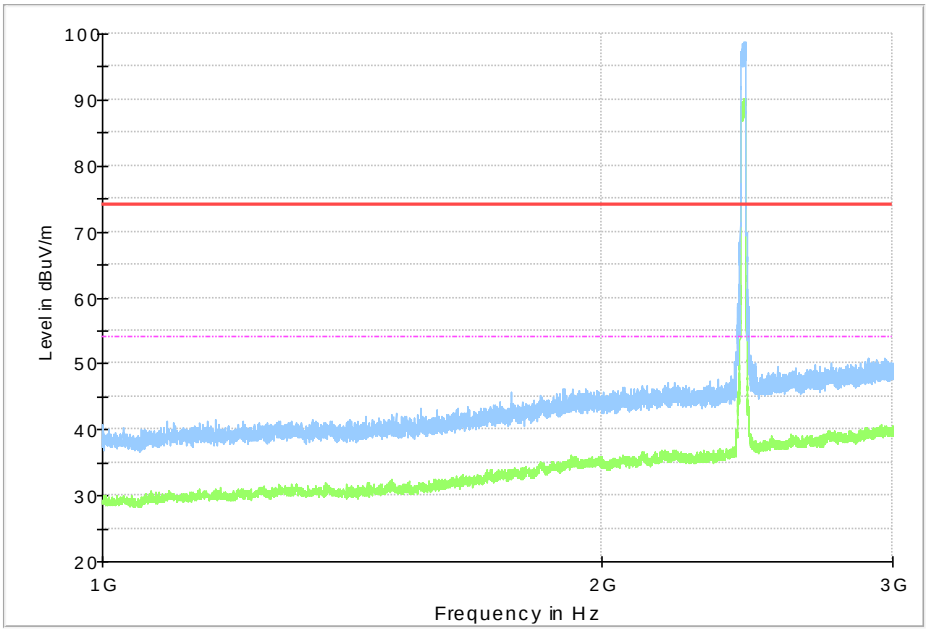

Fig.55 Radiated Spurious Emission (802.11g, CH6, 1GHz-3GHz)

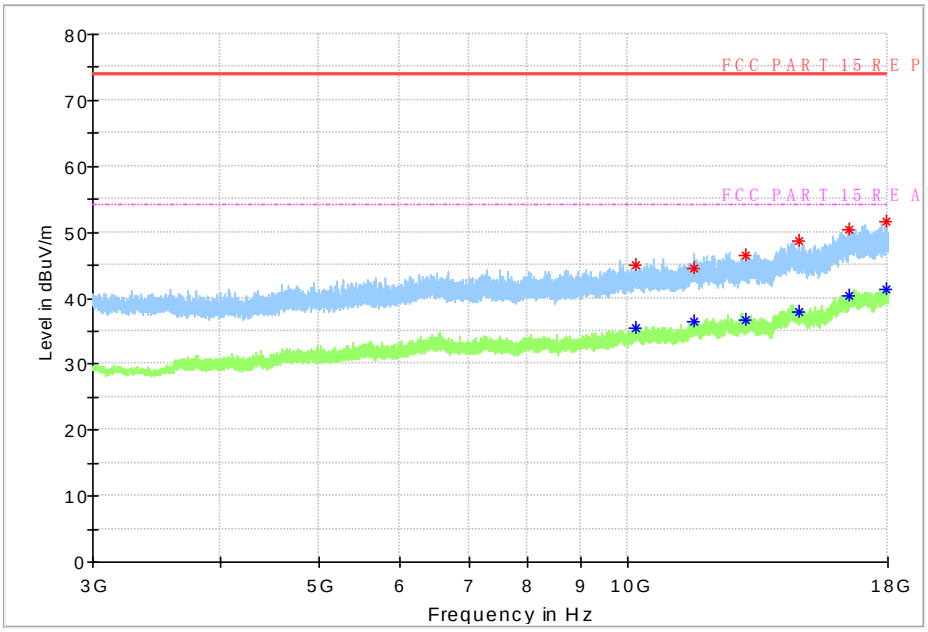

Fig.56 Radiated Spurious Emission (802.11g, CH6, 3GHz-18GHz)

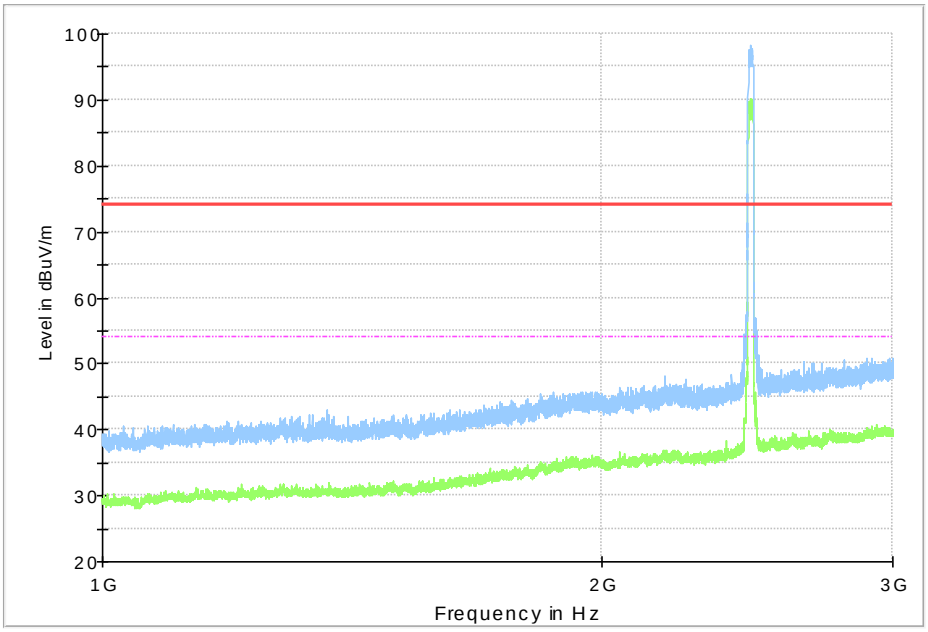

Fig.57 Radiated Spurious Emission (802.11g, CH11, 1GHz-3GHz)

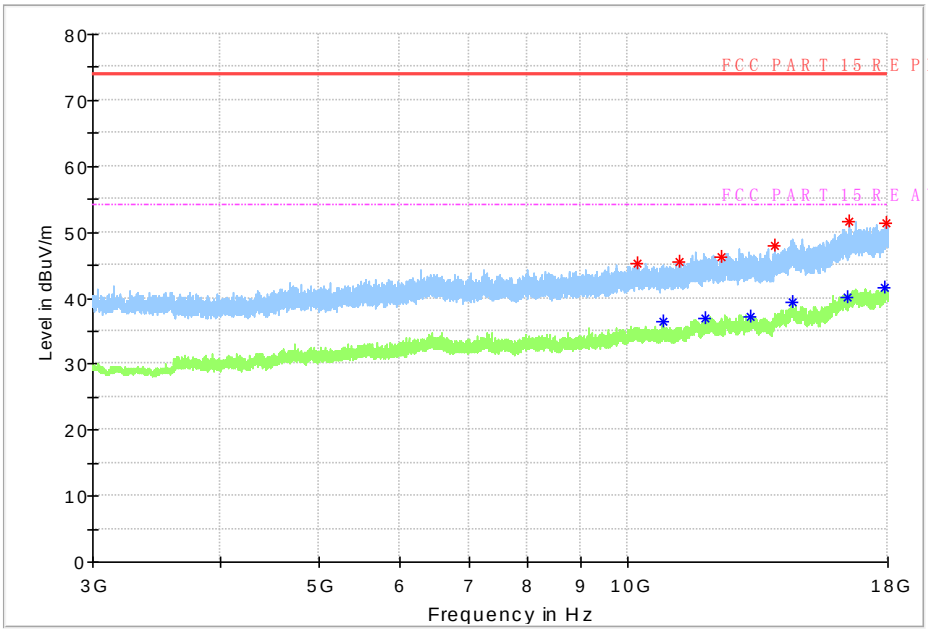

Fig.58 Radiated Spurious Emission (802.11g, CH11, 3GHz-18GHz)

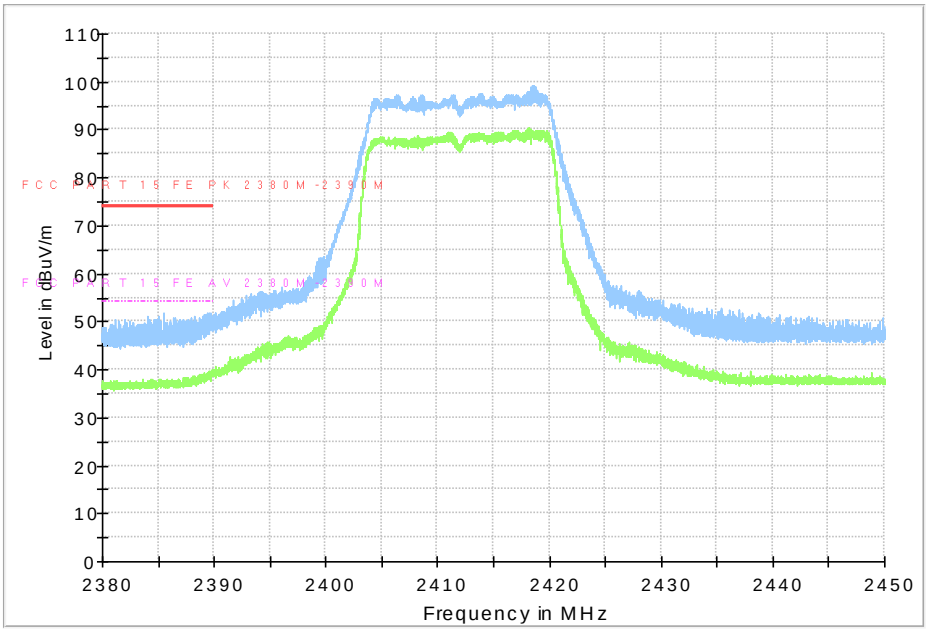

Fig.59 Radiated Restricted Band (802.11g, CH1, 2.38GHz~2.45GHz)

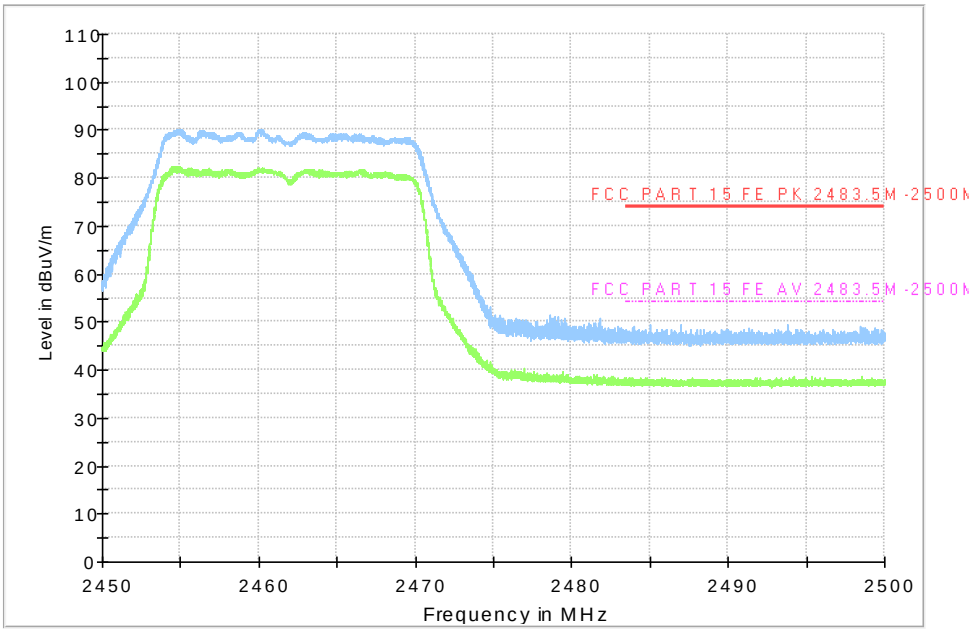

Fig.60 Radiated Restricted Band (802.11g, CH11, 2.45GHz~2.5GHz)

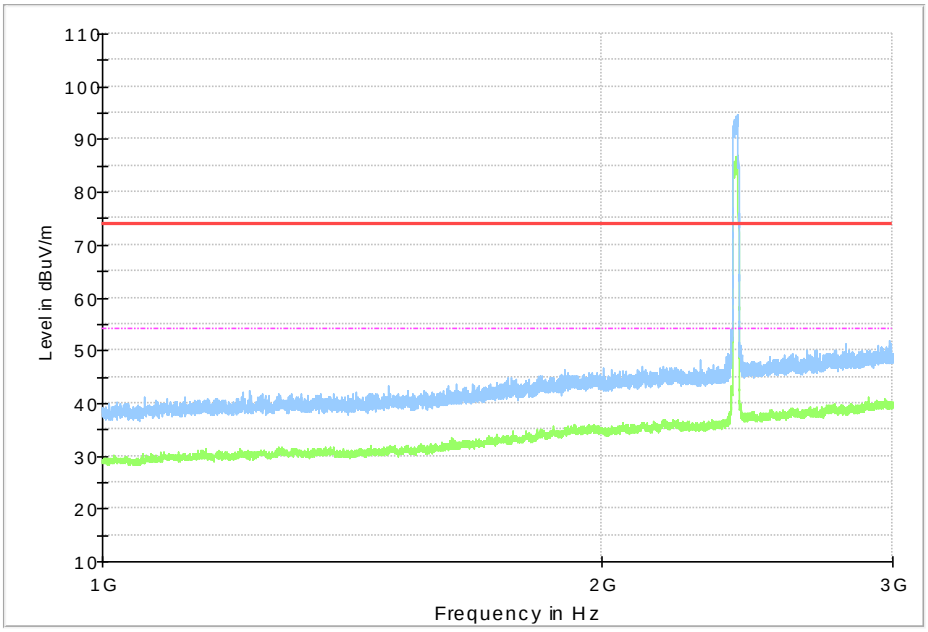

Fig.61 Radiated Spurious Emission (802.11n HT20, CH1, 1GHz-3GHz)

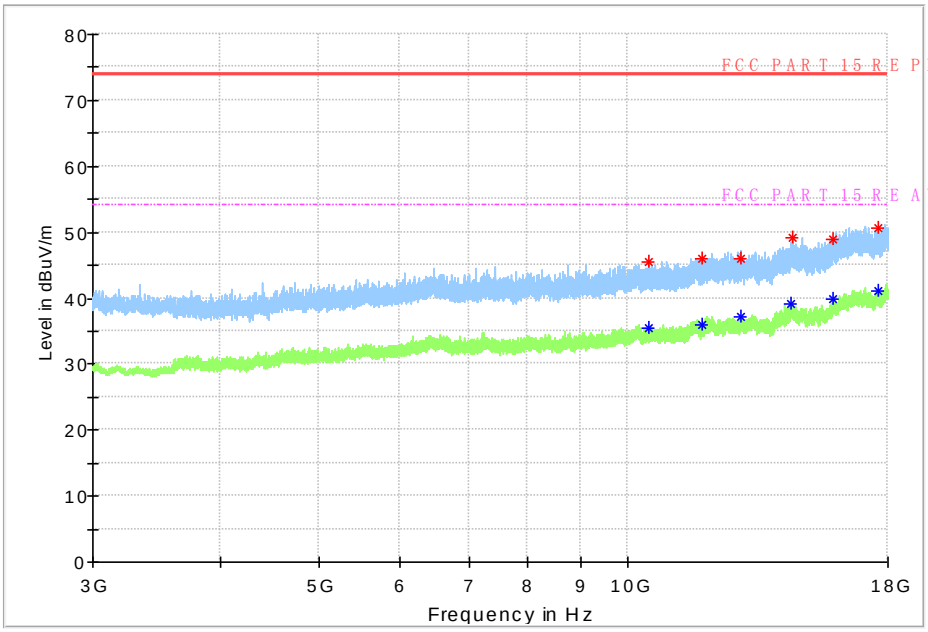

Fig.62 Radiated Spurious Emission (802.11n HT20, CH1, 3GHz-18GHz)

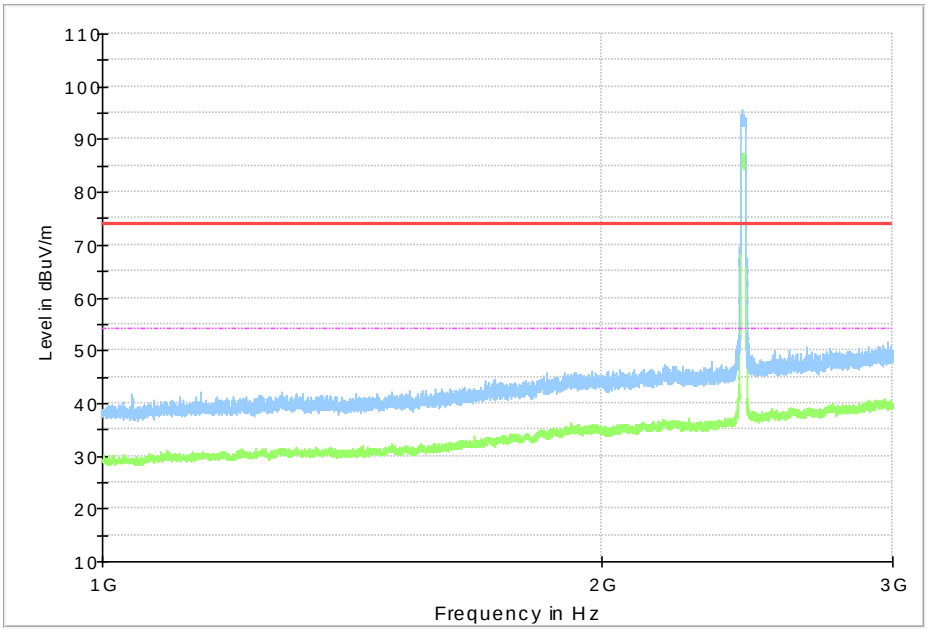

Fig.63 Radiated Spurious Emission (802.11n HT20, CH6, 1GHz-3GHz)

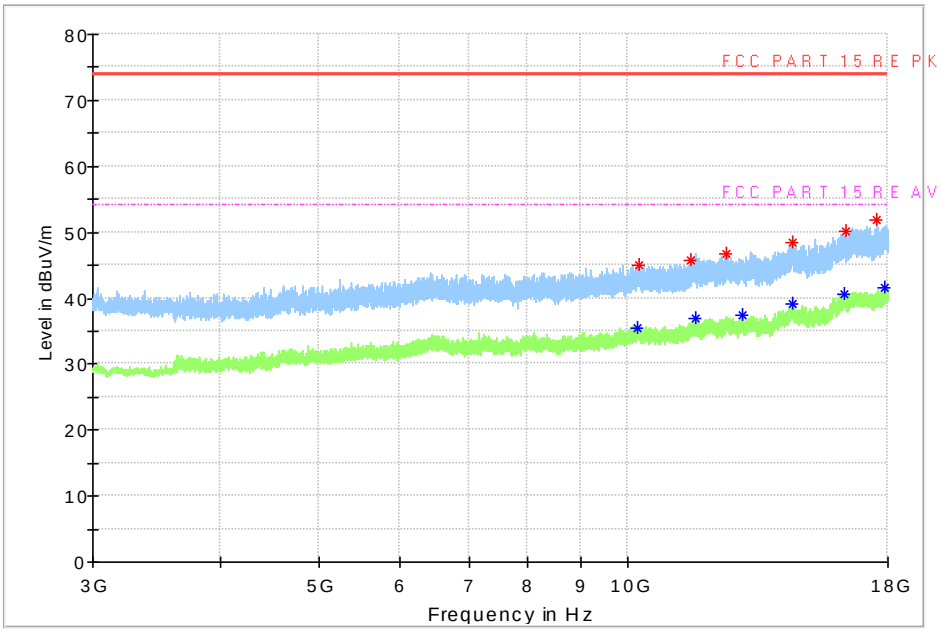

Fig.64 Radiated Spurious Emission (802.11n HT20, CH6, 3GHz-18GHz)

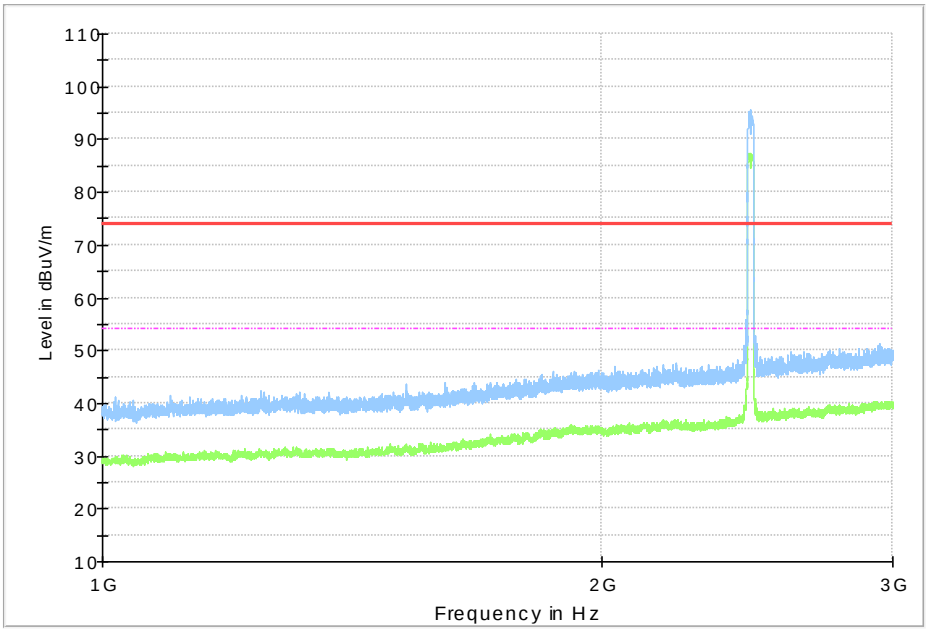

Fig.65 Radiated Spurious Emission (802.11n HT20, CH11, 1GHz-3GHz)

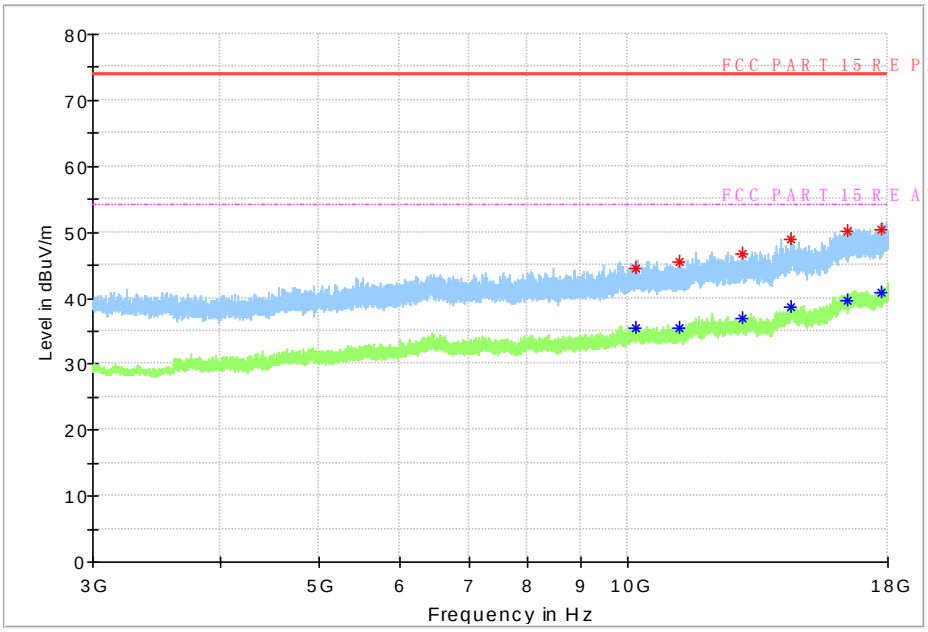

Fig.66 Radiated Spurious Emission (802.11n HT20, CH11, 3GHz-18GHz)

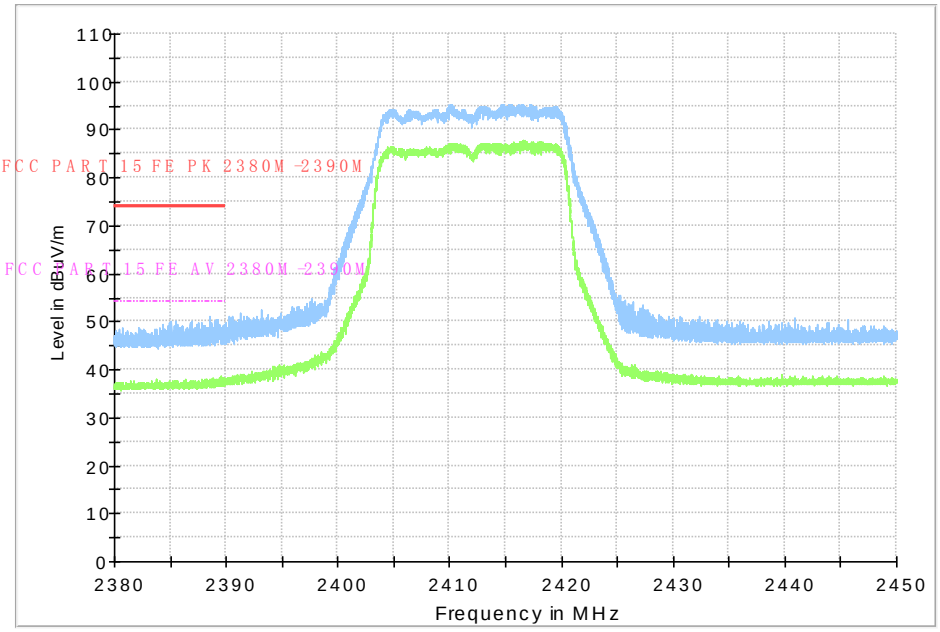

Fig.67 Radiated Restricted Band (802.11n HT20, CH1, 2.38GHz~2.45GHz)

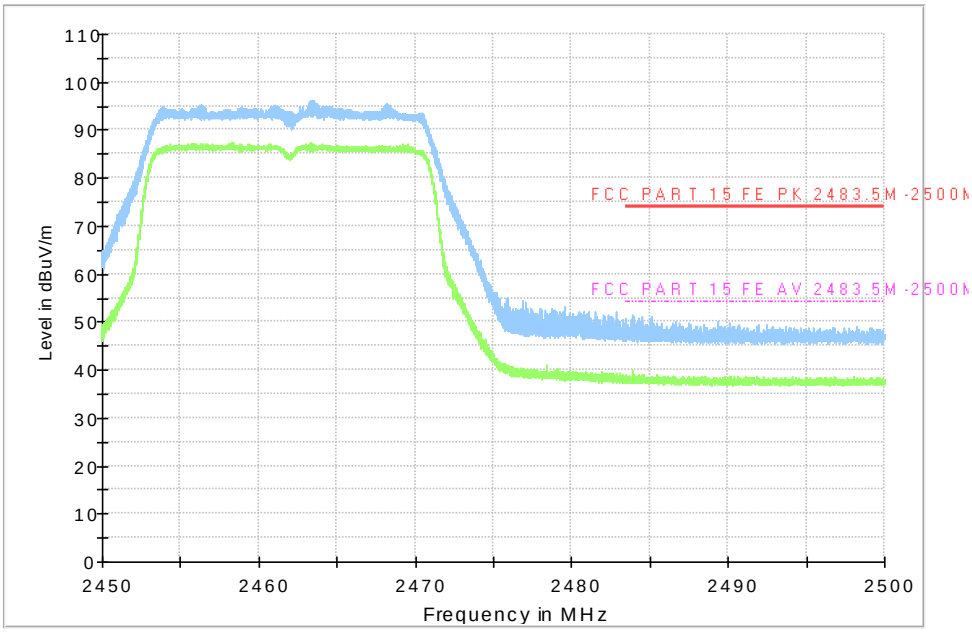

Fig.68 Radiated Restricted Band (802.11n HT20, CH11, 2.45GHz~2.5GHz)

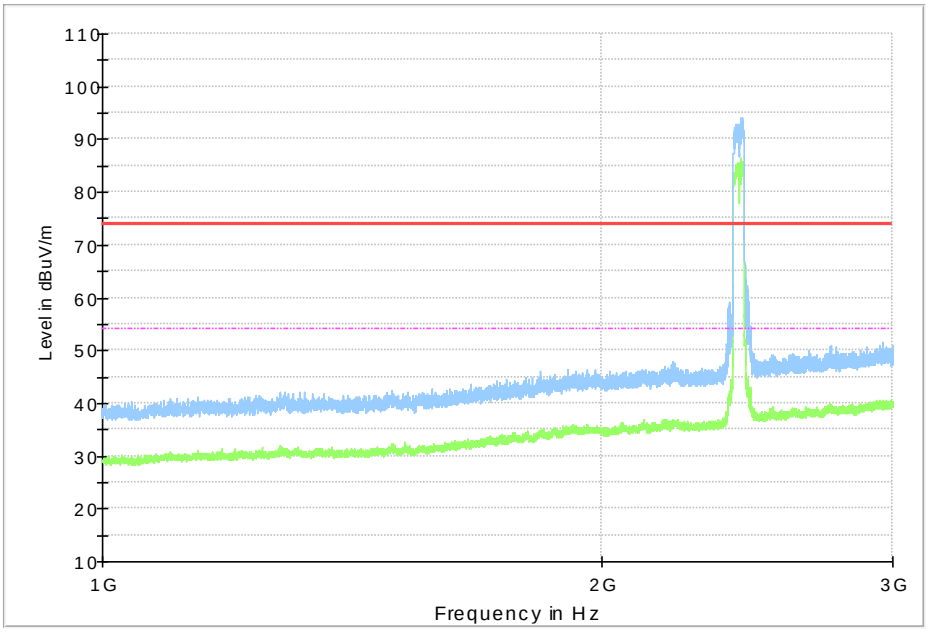

Fig.69 Radiated Spurious Emission (802.11n HT40, CH3, 1GHz-3GHz)

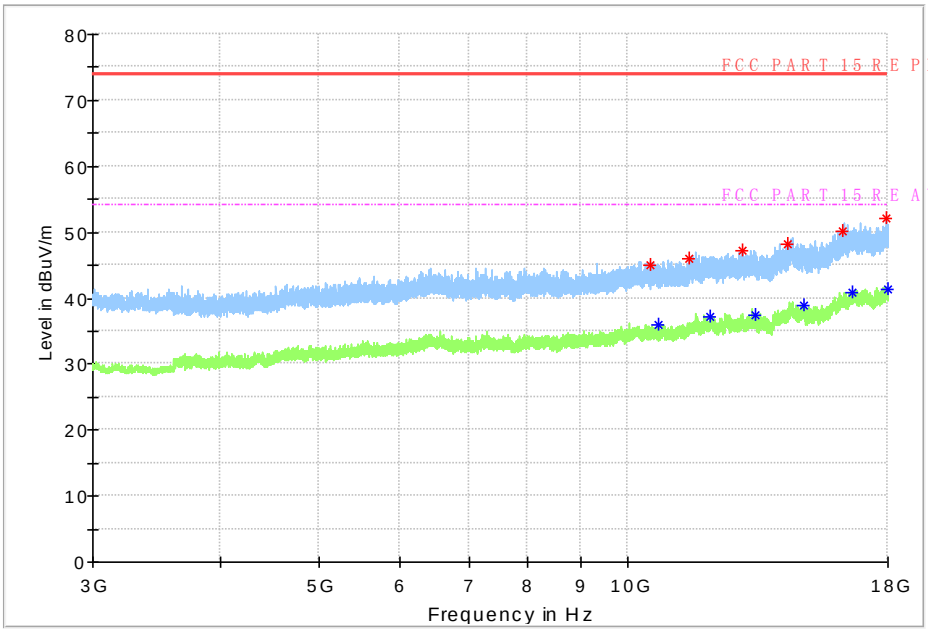

Fig.70 Radiated Spurious Emission (802.11n HT40, CH3, 3GHz-18GHz)

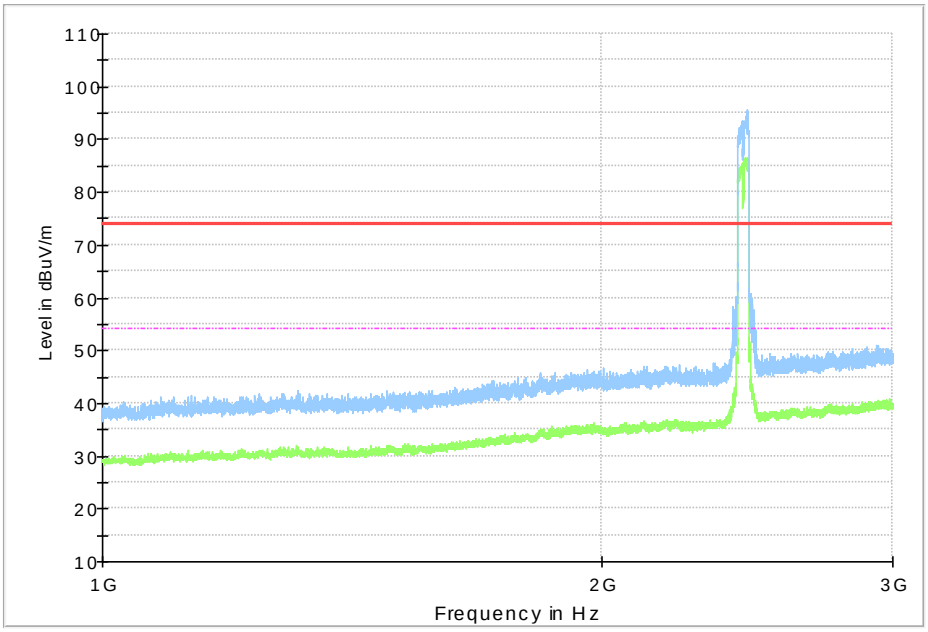

Fig.71 Radiated Spurious Emission (802.11n HT40, CH6, 1GHz-3GHz)

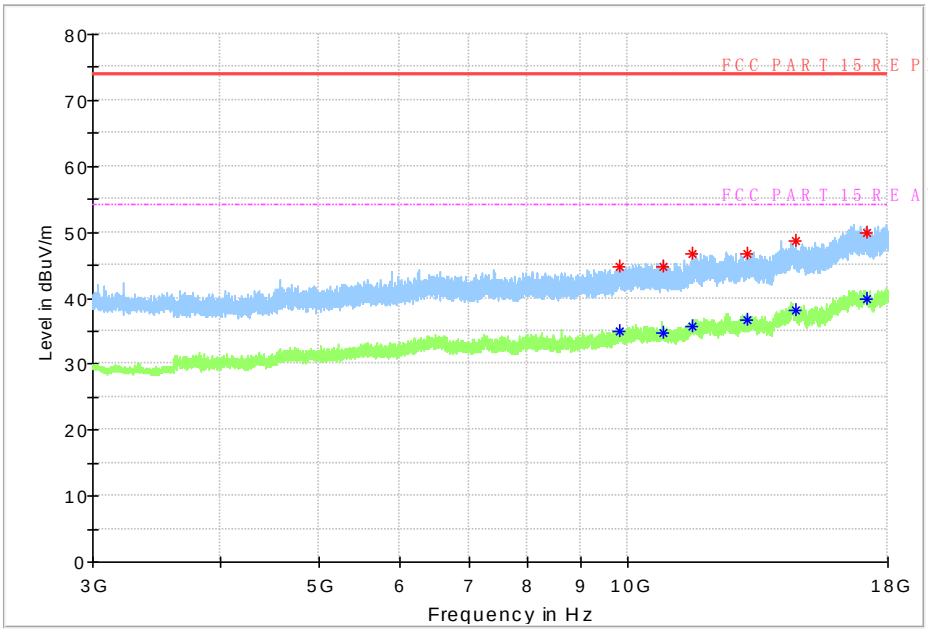

Fig.72 Radiated Spurious Emission (802.11n HT40, CH6, 3GHz-18GHz)

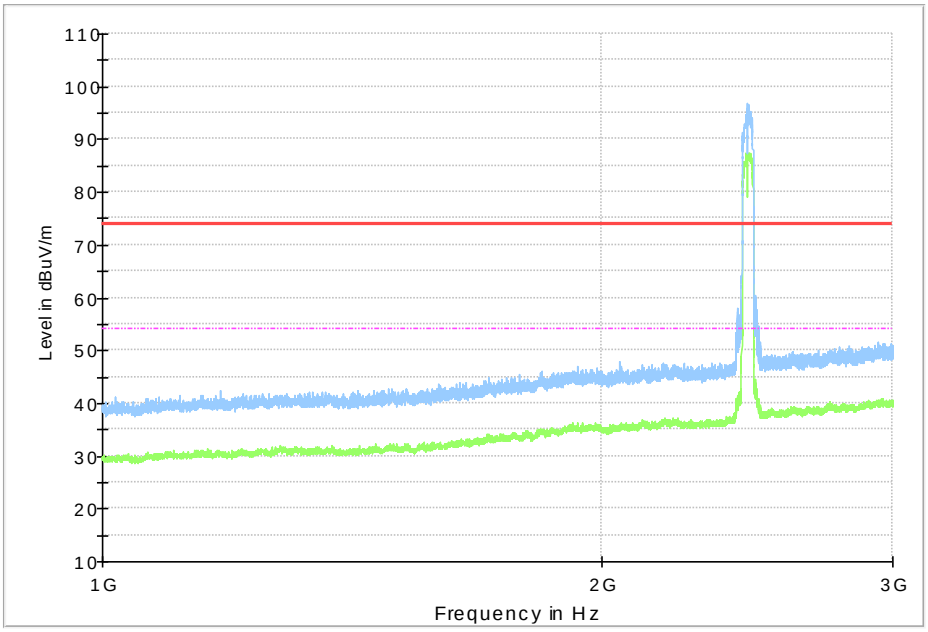

Fig.73 Radiated Spurious Emission (802.11n HT40, CH9, 1GHz-3GHz)

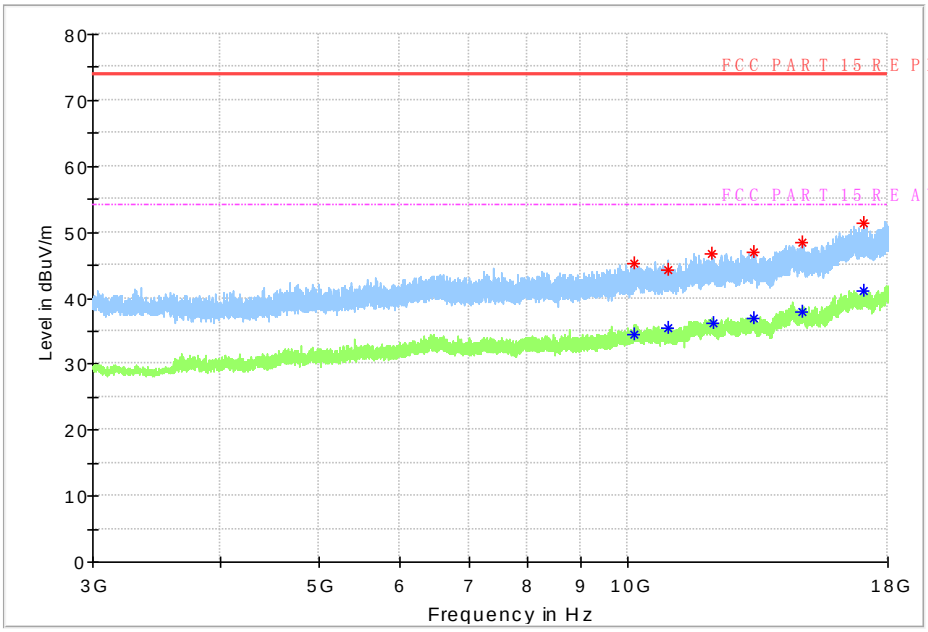

Fig.74 Radiated Spurious Emission (802.11n HT40, CH9, 3GHz-18GHz)

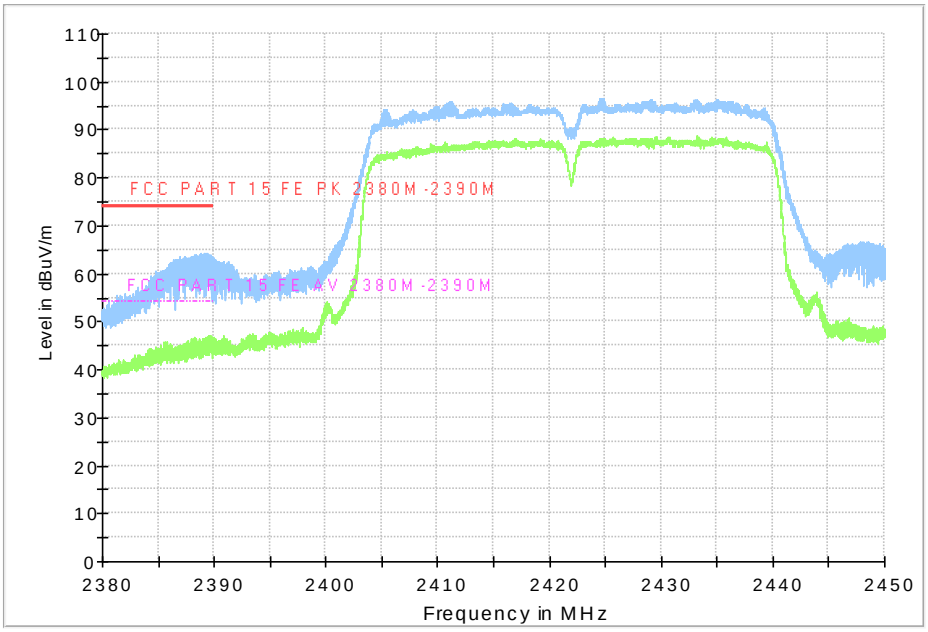

Fig.75 Radiated Restricted Band (802.11n HT40, CH3, 2.38GHz~2.45GHz)

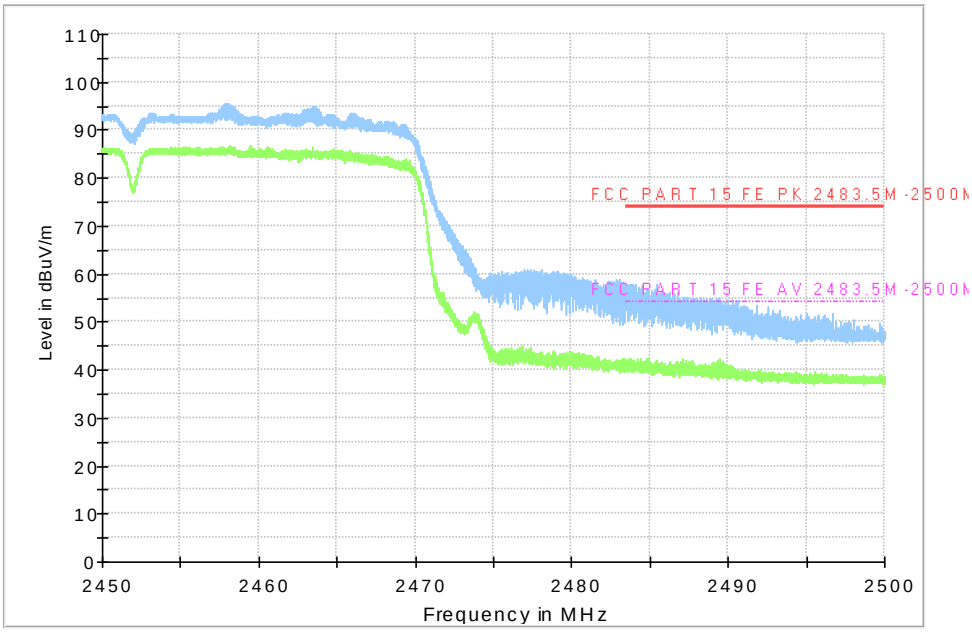

Fig.76 Radiated Restricted Band (802.11n HT40, CH9, 2.45GHz~2.5GHz)

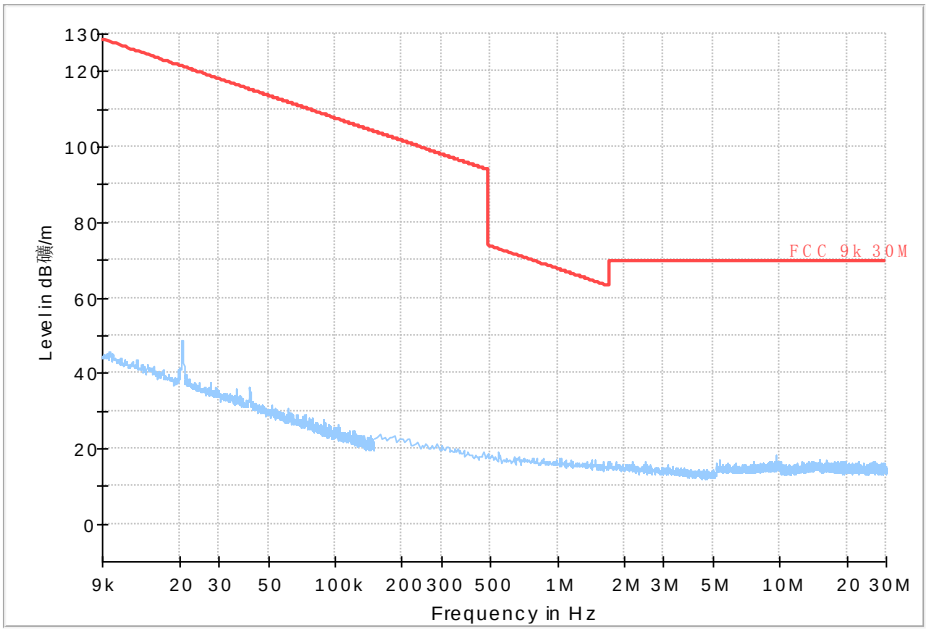

Fig.77 Radiated Spurious Emission (All Channels, 9KHz-30MHz)

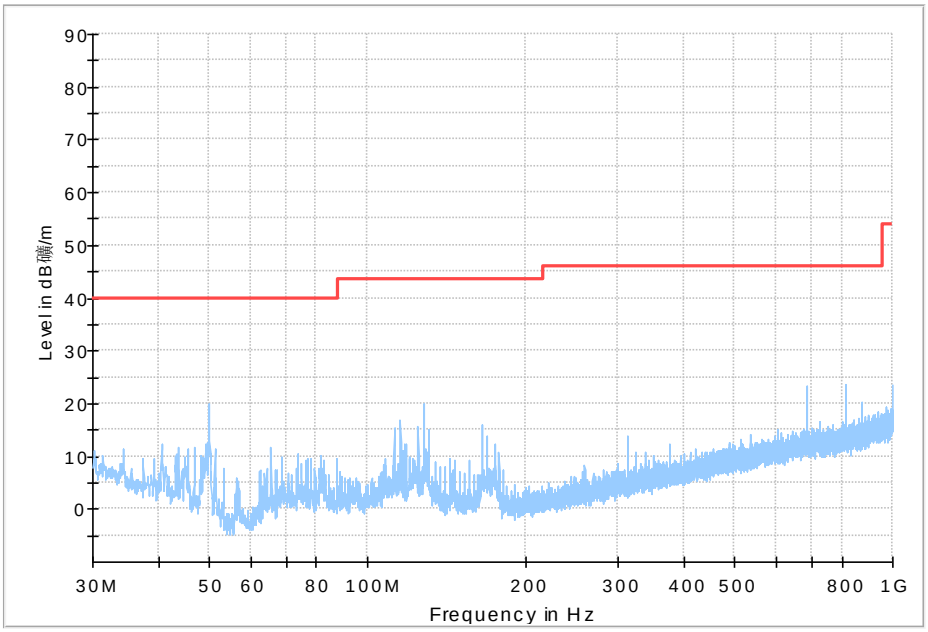

Fig.78 Radiated Spurious Emission (All Channels, 30MHz-1GHz)

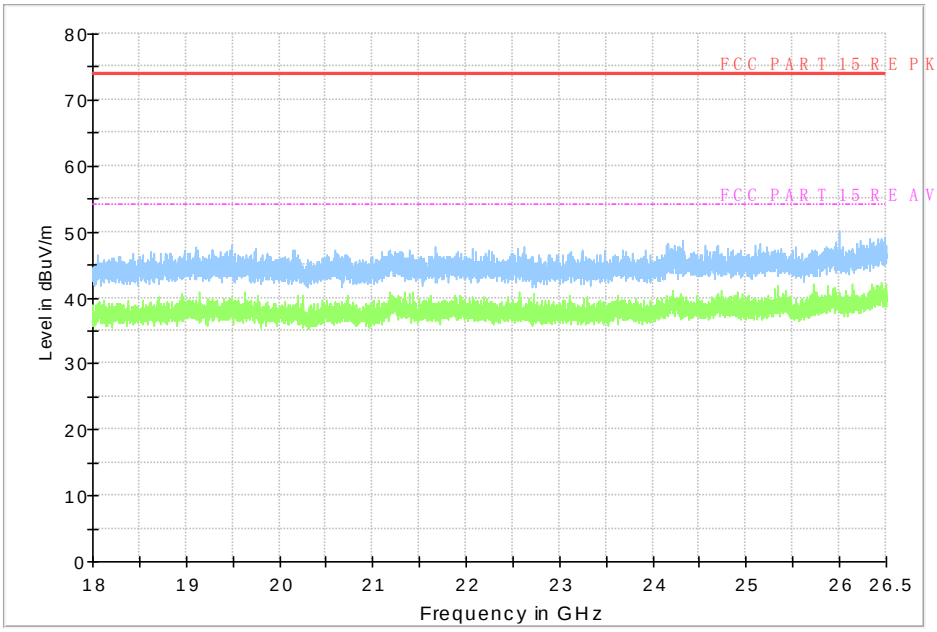

Fig.79 Radiated Spurious Emission (All Channels, 18GHz-26.5GHz)

A.8 AC Power Line Conducted Emission

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit) - AE2

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	66 to 56	Fig.80	Fig.81	P
0.5 to 5	56			
5 to 30	60			
Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit) - AE2

Frequency range (MHz)	Average-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	56 to 46	Fig.80	Fig.81	P
0.5 to 5	46			
5 to 30	50			
Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Quasi-peak Limit) - AE3

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	66 to 56	Fig.82	Fig.83	P
0.5 to 5	56			
5 to 30	60			
Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit) - AE3

Frequency range (MHz)	Average-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	56 to 46	Fig.82	Fig.83	P
0.5 to 5	46			
5 to 30	50			
Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Test Condition:

Voltage (V)	Frequency (Hz)
240	60

Measurement Result and limit:

WLAN (Quasi-peak Limit) - AE2

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	66 to 56	Fig.84	Fig.85	P
0.5 to 5	56			
5 to 30	60			
Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit) - AE2

Frequency range (MHz)	Average-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	56 to 46	Fig.84	Fig.85	P
0.5 to 5	46			
5 to 30	50			
Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Quasi-peak Limit) - AE3

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	66 to 56	Fig.86	Fig.87	P
0.5 to 5	56			
5 to 30	60			
Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit) - AE3

Frequency range (MHz)	Average-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	56 to 46	Fig.86	Fig.87	P
0.5 to 5	46			
5 to 30	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

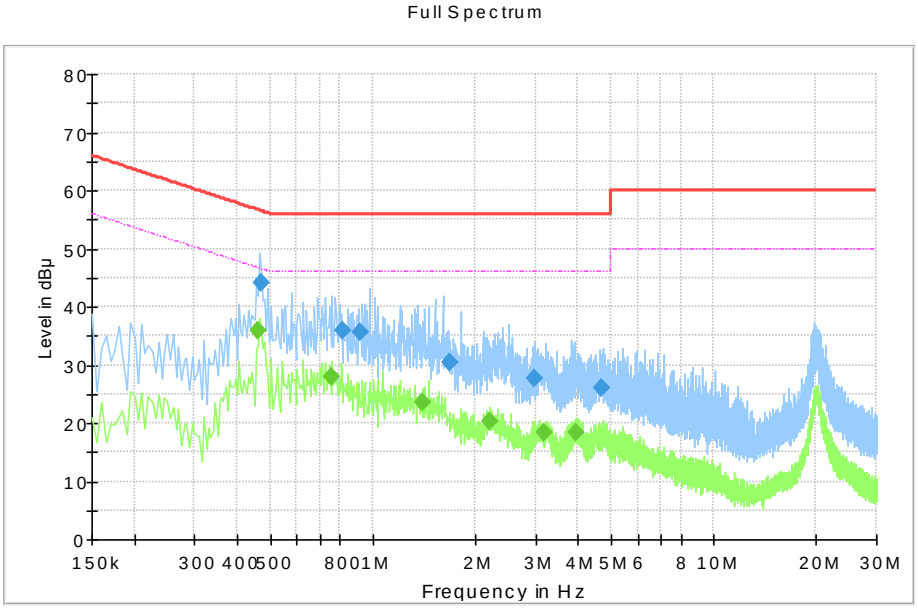

Fig.80 AC Power line Conducted Emission (Traffic, AE2, 120V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.470000	43.99	56.51	12.52	L1	ON	9.6
0.815000	35.80	56.00	20.20	L1	ON	9.6
0.915000	35.60	56.00	20.40	L1	ON	9.7
1.680000	30.28	56.00	25.72	L1	ON	9.7
2.975000	27.70	56.00	28.30	L1	ON	9.7
4.690000	26.06	56.00	29.94	L1	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.460000	35.99	46.69	10.70	L1	ON	9.6
0.760000	28.06	46.00	17.94	L1	ON	9.6
1.400000	23.51	46.00	22.49	L1	ON	9.7
2.200000	20.40	46.00	25.60	L1	ON	9.7
3.185000	18.48	46.00	27.52	L1	ON	9.7
3.930000	18.24	46.00	27.76	L1	ON	9.7

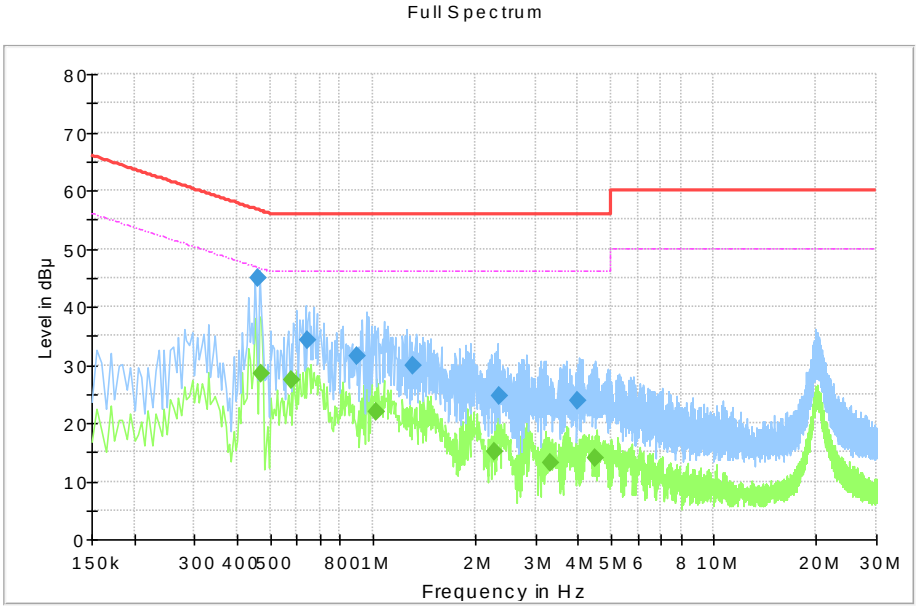

Fig.81 AC Power line Conducted Emission (Idle, AE2, 120V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.460000	44.93	56.69	11.76	N	ON	9.6
0.645000	34.27	56.00	21.73	N	ON	9.6
0.895000	31.59	56.00	24.41	N	ON	9.7
1.315000	29.81	56.00	26.19	N	ON	9.7
2.350000	24.68	56.00	31.32	N	ON	9.7
3.975000	23.78	56.00	32.22	N	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.470000	28.55	46.51	17.96	N	ON	9.6
0.575000	27.46	46.00	18.54	N	ON	9.6
1.025000	22.01	46.00	23.99	N	ON	9.7
2.285000	15.07	46.00	30.93	N	ON	9.7
3.305000	13.20	46.00	32.80	N	ON	9.7
4.470000	14.01	46.00	31.99	N	ON	9.7

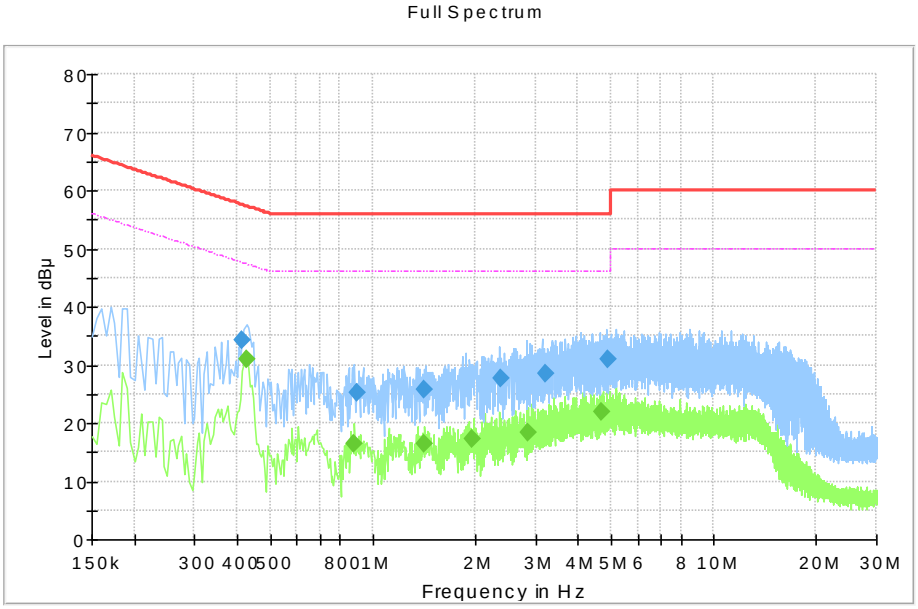

Fig.82 AC Power line Conducted Emission (Traffic, AE3, 120V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.415000	34.19	57.55	23.36	L1	ON	9.7
0.900000	25.14	56.00	30.86	N	ON	9.7
1.415000	25.62	56.00	30.38	N	ON	9.7
2.375000	27.62	56.00	28.38	N	ON	9.7
3.205000	28.42	56.00	27.58	N	ON	9.7
4.895000	31.09	56.00	24.91	N	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.425000	30.94	47.35	16.41	L1	ON	9.6
0.885000	16.53	46.00	29.47	N	ON	9.7
1.410000	16.47	46.00	29.53	N	ON	9.7
1.960000	17.16	46.00	28.84	N	ON	9.7
2.850000	18.27	46.00	27.73	N	ON	9.7
4.710000	21.89	46.00	24.11	N	ON	9.7

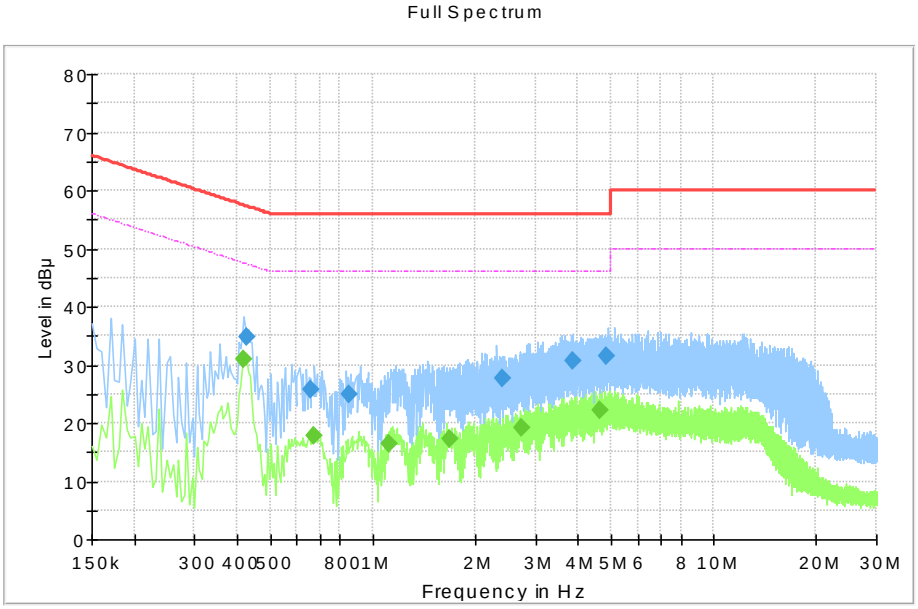

Fig.83 AC Power line Conducted Emission (Idle, AE3, 120V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.425000	34.93	57.35	22.42	N	ON	9.6
0.660000	25.77	56.00	30.23	L1	ON	9.6
0.850000	24.85	56.00	31.15	L1	ON	9.7
2.400000	27.67	56.00	28.33	L1	ON	9.7
3.860000	30.66	56.00	25.34	L1	ON	9.7
4.850000	31.44	56.00	24.56	L1	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.420000	30.86	47.45	16.58	N	ON	9.7
0.675000	17.83	46.00	28.17	N	ON	9.6
1.120000	16.44	46.00	29.56	L1	ON	9.7
1.675000	17.34	46.00	28.66	L1	ON	9.7
2.740000	19.22	46.00	26.78	L1	ON	9.7
4.660000	22.31	46.00	23.69	L1	ON	9.7

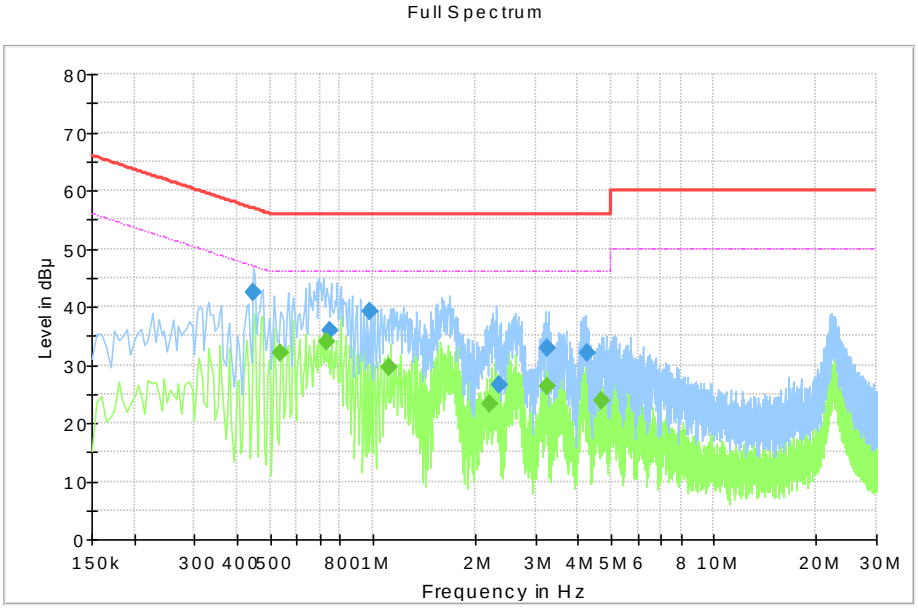

Fig.84 AC Power line Conducted Emission (Traffic, AE2, 240V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.445000	42.34	56.97	14.62	L1	ON	9.6
0.745000	35.86	56.00	20.14	L1	ON	9.6
0.985000	39.16	56.00	16.84	N	ON	9.7
2.340000	26.70	56.00	29.30	L1	ON	9.7
3.240000	33.00	56.00	23.00	L1	ON	9.7
4.245000	31.92	56.00	24.08	L1	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.535000	32.00	46.00	14.00	N	ON	9.6
0.730000	33.97	46.00	12.03	N	ON	9.6
1.120000	29.57	46.00	16.43	N	ON	9.7
2.200000	23.33	46.00	22.67	N	ON	9.7
3.235000	26.23	46.00	19.77	L1	ON	9.7
4.690000	23.73	46.00	22.27	L1	ON	9.7

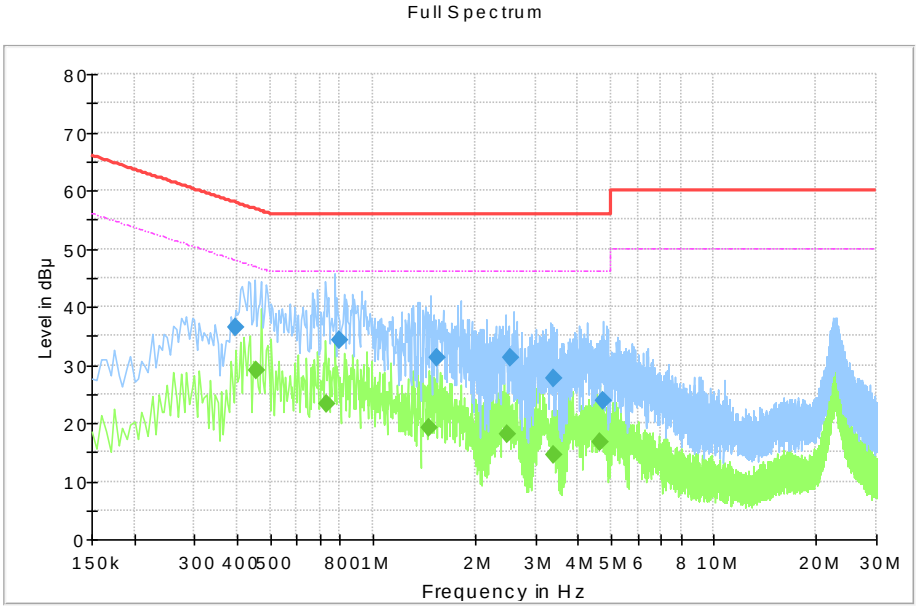

Fig.85 AC Power line Conducted Emission (Idle, AE2, 240V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.395000	36.53	57.96	21.42	L1	ON	9.7
0.795000	34.25	56.00	21.75	N	ON	9.6
1.550000	31.31	56.00	24.69	N	ON	9.7
2.540000	31.11	56.00	24.89	N	ON	9.7
3.385000	27.67	56.00	28.33	N	ON	9.7
4.725000	23.86	56.00	32.14	L1	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.455000	29.02	46.78	17.77	N	ON	9.6
0.730000	23.26	46.00	22.74	N	ON	9.6
1.455000	19.12	46.00	26.88	N	ON	9.7
2.480000	18.05	46.00	27.95	N	ON	9.7
3.400000	14.59	46.00	31.41	N	ON	9.7
4.635000	16.64	46.00	29.36	N	ON	9.7

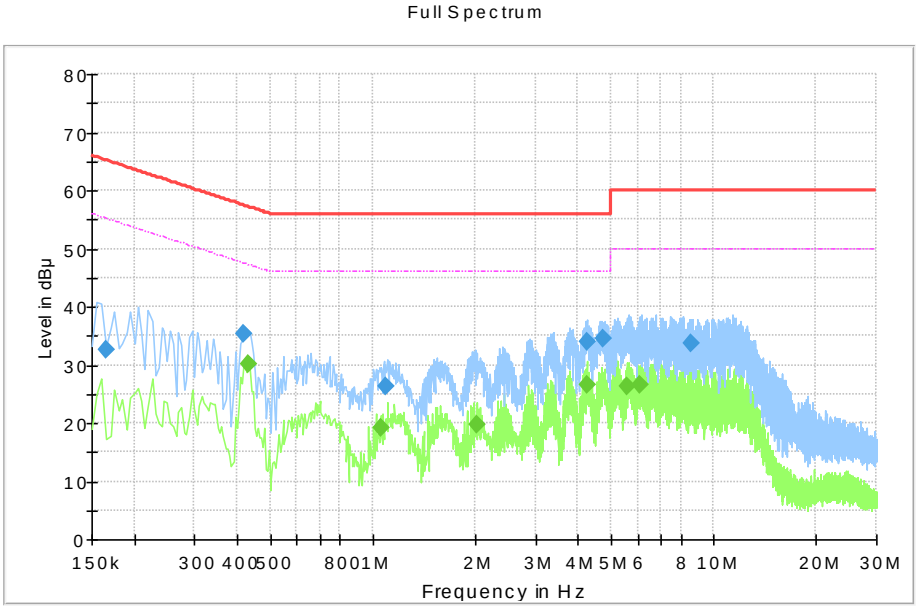

Fig.86 AC Power line Conducted Emission (Traffic, AE3, 240V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165000	32.48	65.21	32.73	L1	ON	9.6
0.420000	35.34	57.45	22.11	N	ON	9.7
1.090000	26.40	56.00	29.60	L1	ON	9.7
4.270000	34.03	56.00	21.97	N	ON	9.7
4.730000	34.55	56.00	21.45	N	ON	9.7
8.535000	33.81	60.00	26.19	N	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.430000	30.25	47.25	17.01	N	ON	9.6
1.055000	19.24	46.00	26.76	N	ON	9.7
2.010000	19.65	46.00	26.35	N	ON	9.7
4.235000	26.59	46.00	19.41	N	ON	9.7
5.580000	26.38	50.00	23.62	N	ON	9.7
6.080000	26.49	50.00	23.51	N	ON	9.7

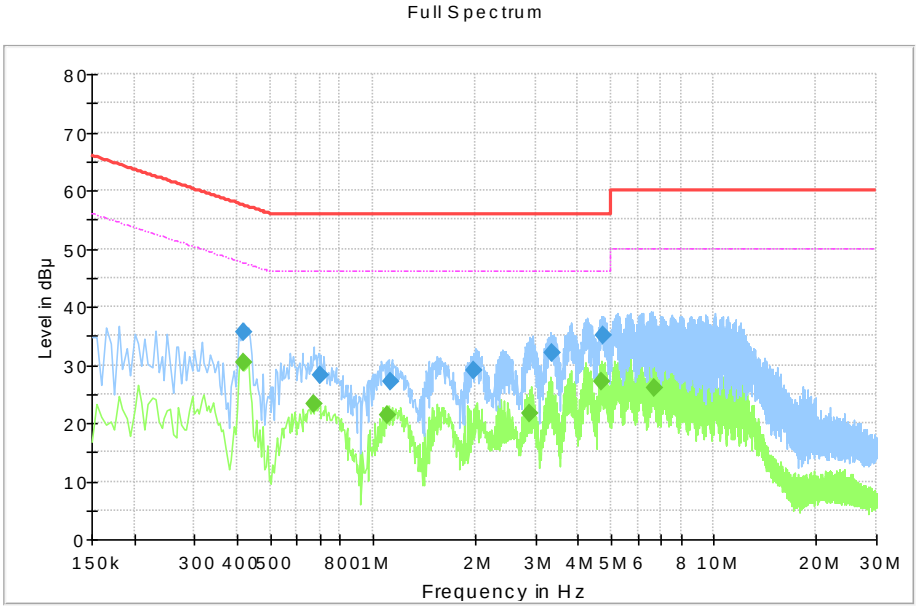

Fig.87 AC Power line Conducted Emission (Idle, AE3, 240V)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.420000	35.72	57.45	21.73	N	ON	9.7
0.700000	28.35	56.00	27.65	L1	ON	9.6
1.125000	27.13	56.00	28.87	N	ON	9.7
1.980000	28.97	56.00	27.03	N	ON	9.7
3.350000	32.10	56.00	23.90	N	ON	9.7
4.735000	35.02	56.00	20.98	N	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.420000	30.31	47.45	17.14	N	ON	9.7
0.675000	23.17	46.00	22.83	N	ON	9.6
1.100000	21.33	46.00	24.67	N	ON	9.7
2.880000	21.60	46.00	24.40	N	ON	9.7
4.700000	27.09	46.00	18.91	N	ON	9.7
6.660000	26.01	50.00	23.99	N	ON	9.7

A.9 Occupied Bandwidth

Measurement Limit:

Standard	Limit (kHz)
RSS-Gen section 6.7	/

Measurement Result:

Mode	Channel	Frequency (MHz)	Test Results (MHz)		Conclusion
802.11b	CH 1	2412	Fig.88	14.96	P
	CH 6	2437	Fig.89	15.00	P
	CH 11	2462	Fig.90	14.96	P
802.11g	CH 1	2412	Fig.91	16.64	P
	CH 6	2437	Fig.92	16.64	P
	CH 11	2462	Fig.93	16.56	P
802.11n HT20	CH 1	2412	Fig.94	17.68	P
	CH 6	2437	Fig.95	17.72	P
	CH 11	2462	Fig.96	17.64	P
802.11n HT40	CH 3	2422	Fig.97	35.92	P
	CH 6	2437	Fig.98	36.00	P
	CH 9	2452	Fig.99	36.08	P

See below for test graphs.
Conclusion: PASS

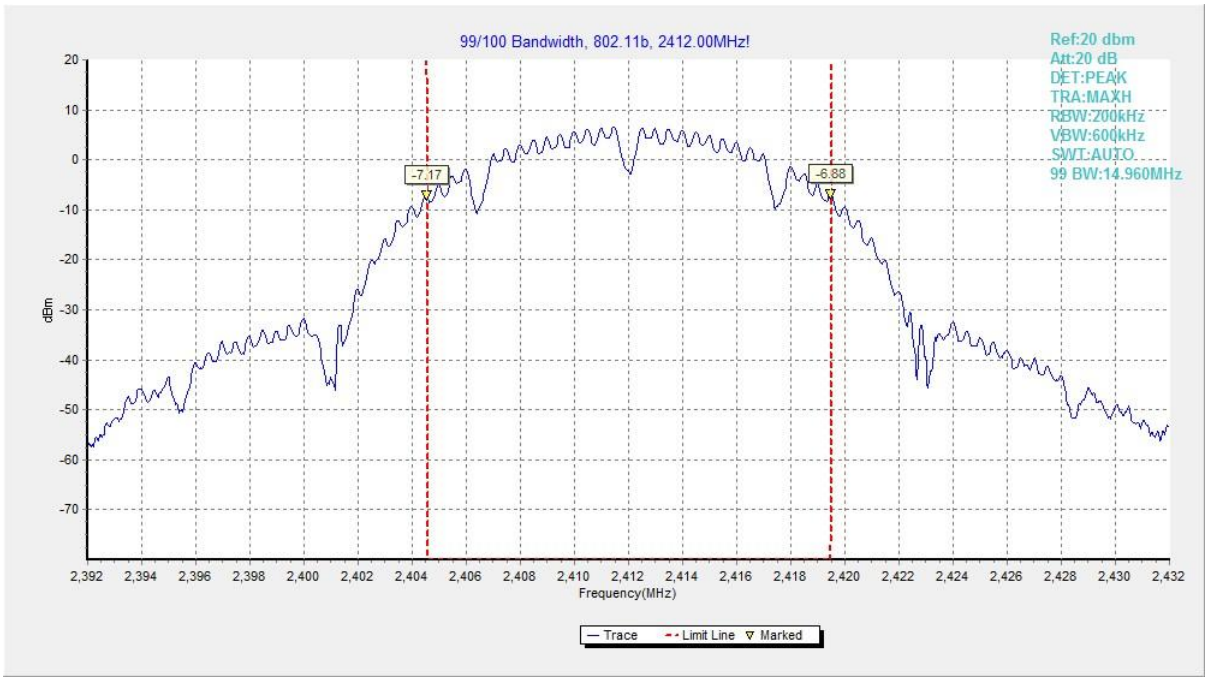

Fig.88 Occupied Bandwidth (802.11b, CH1)

Fig.89 Occupied Bandwidth (802.11b, CH6)

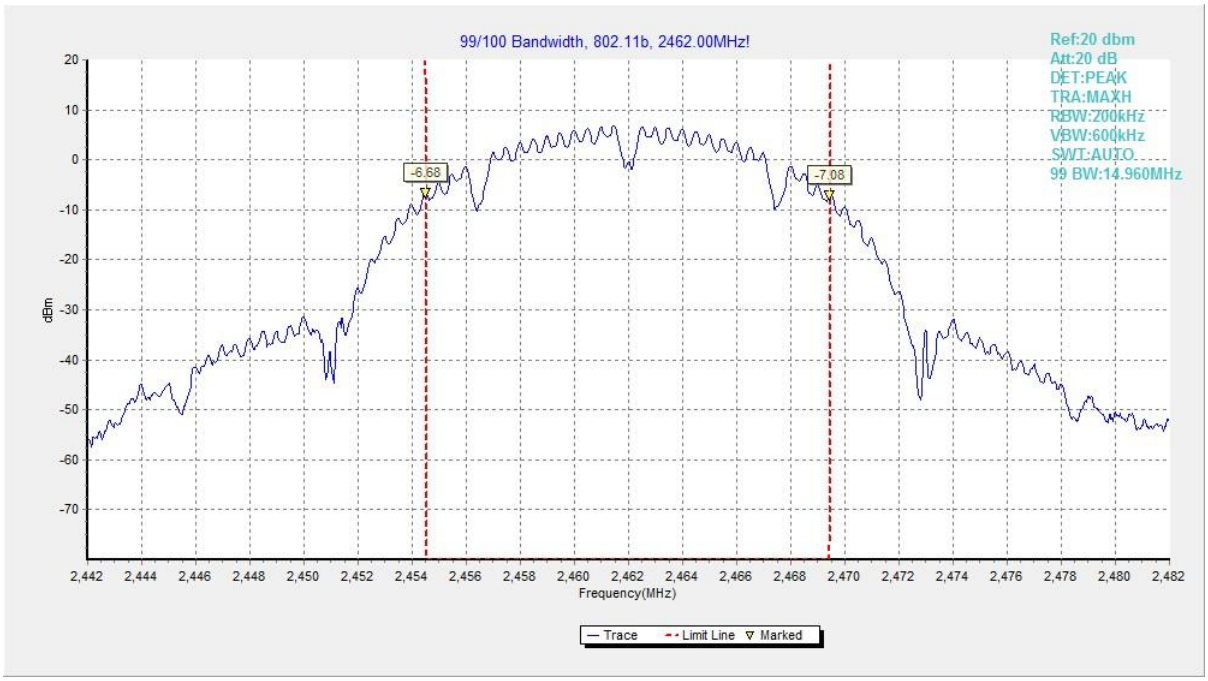

Fig.90 Occupied Bandwidth (802.11b, CH11)

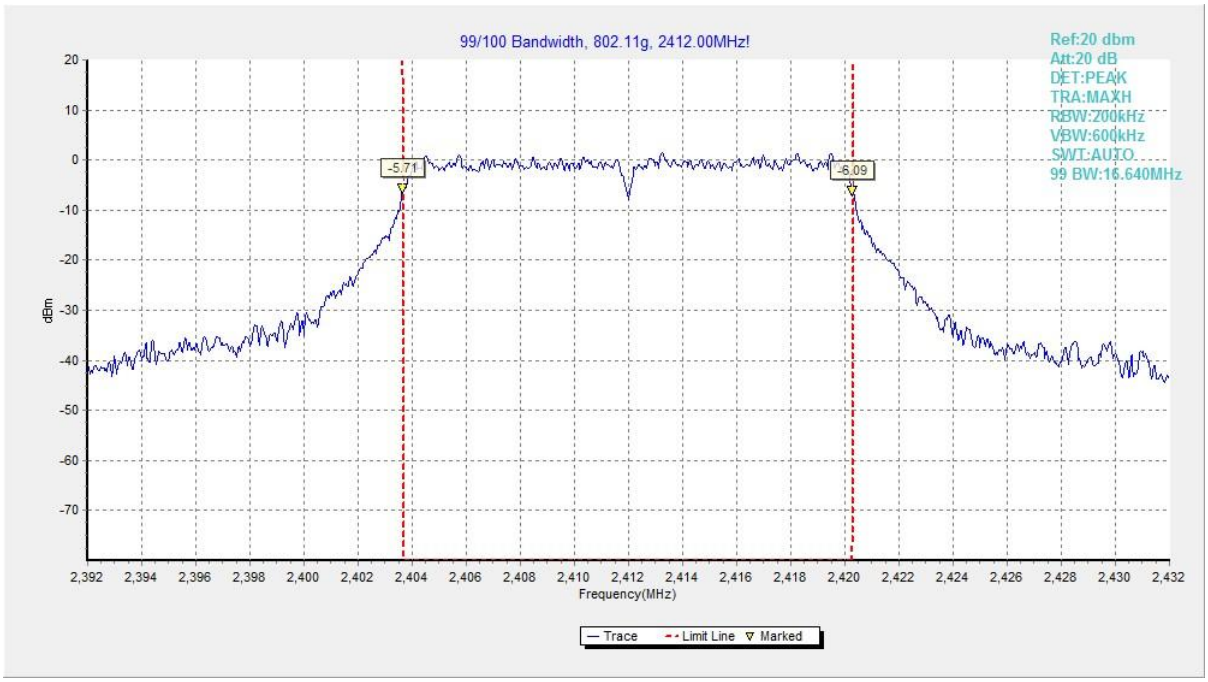

Fig.91 Occupied Bandwidth (802.11g, CH1)

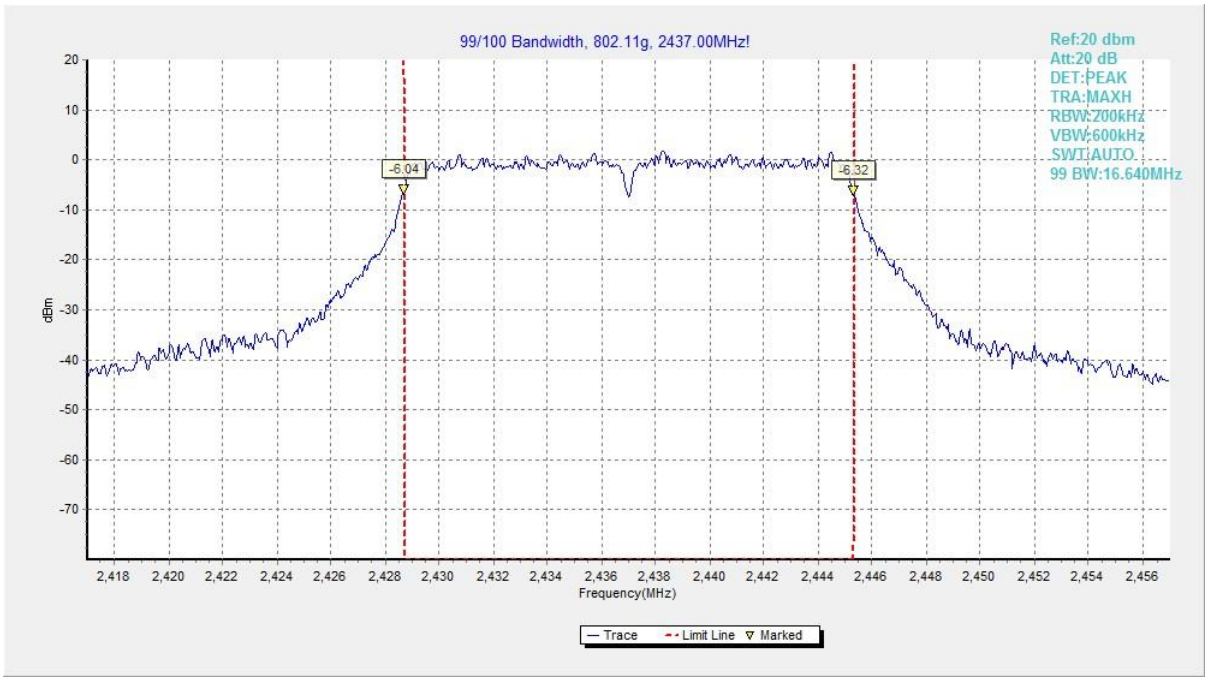

Fig.92 Occupied Bandwidth (802.11g, CH6)

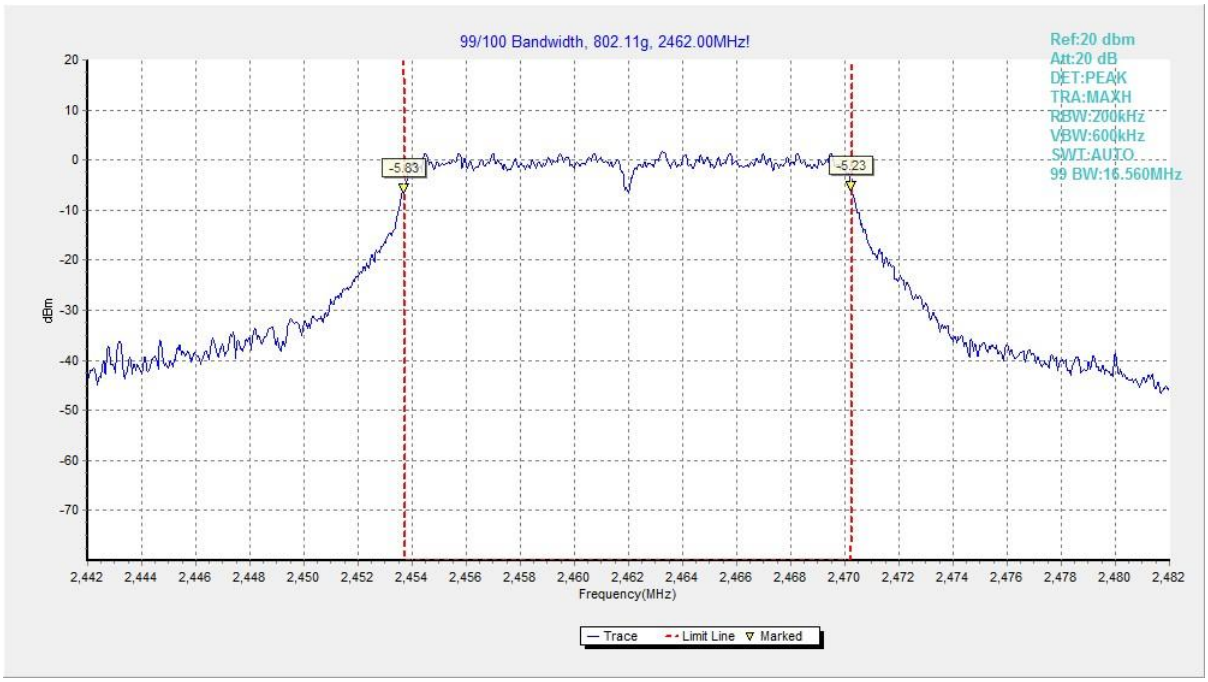

Fig.93 Occupied Bandwidth (802.11g, CH11)

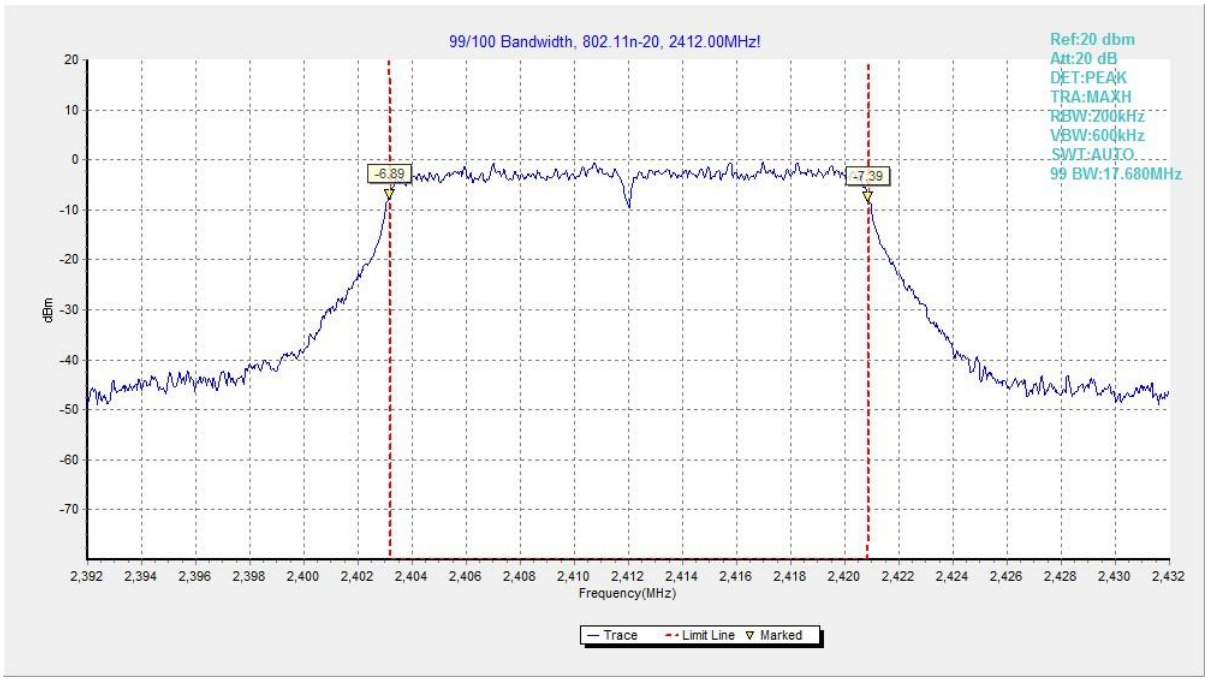

Fig.94 Occupied Bandwidth (802.11n HT20, CH1)

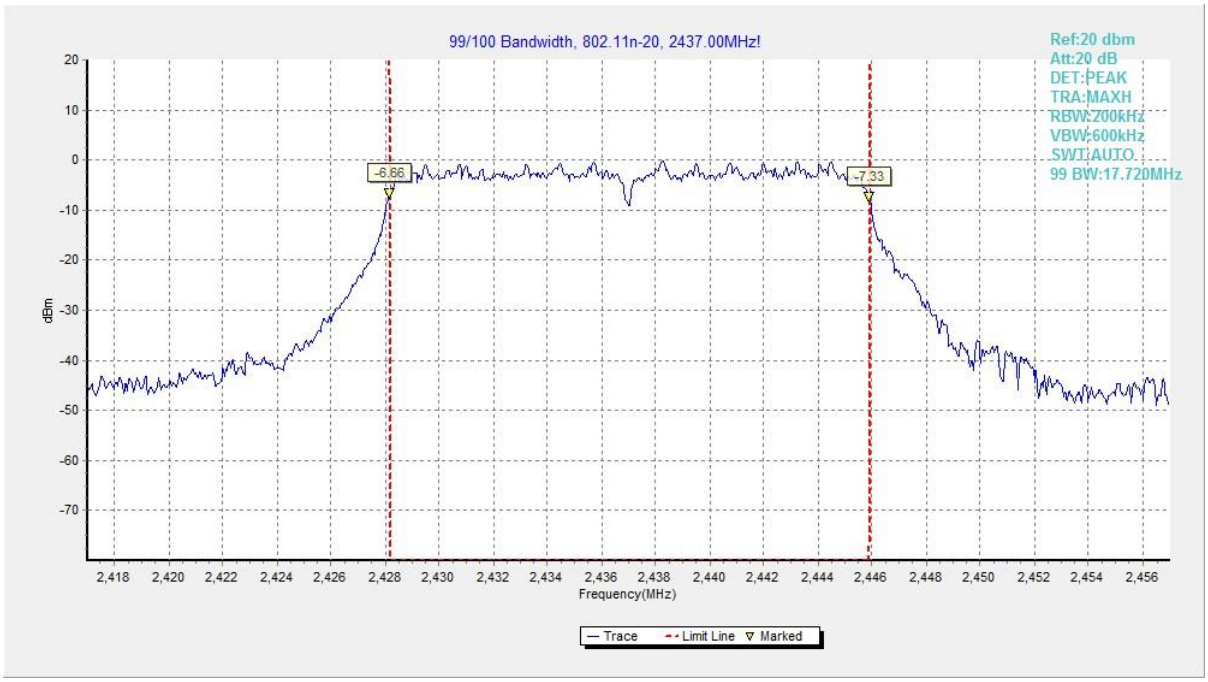

Fig.95 Occupied Bandwidth (802.11n HT20, CH6)

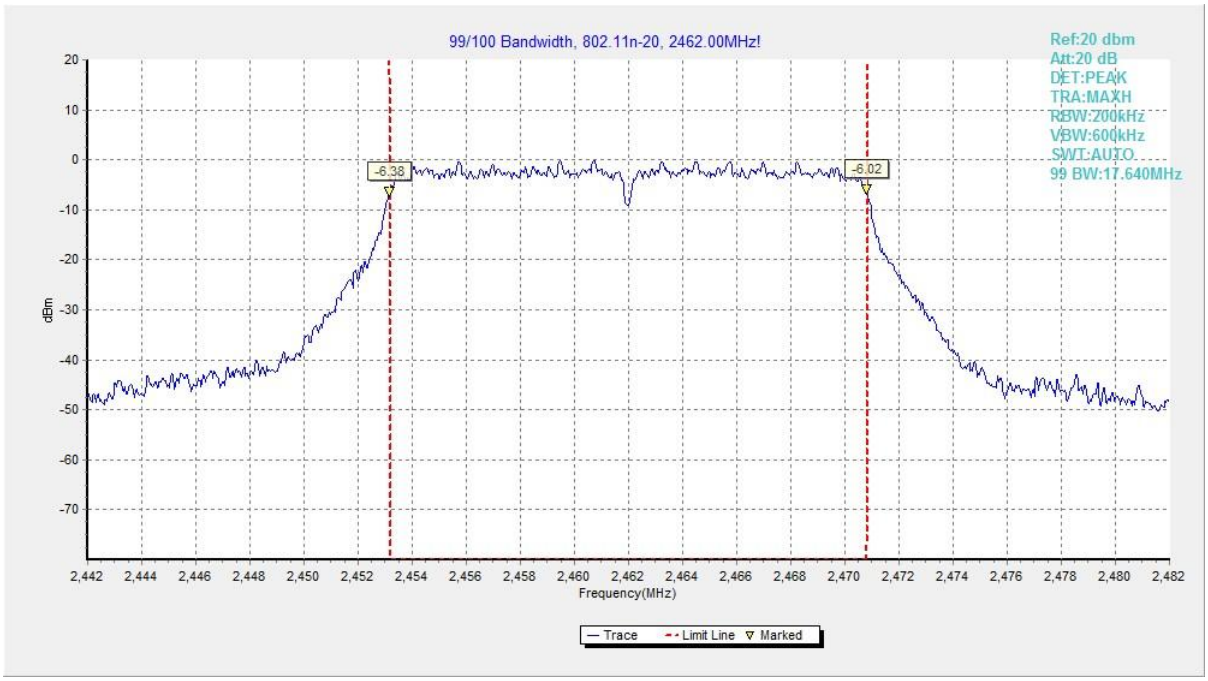

Fig.96 Occupied Bandwidth (802.11n HT20, CH11)

Fig.97 Occupied Bandwidth (802.11n HT40, CH3)

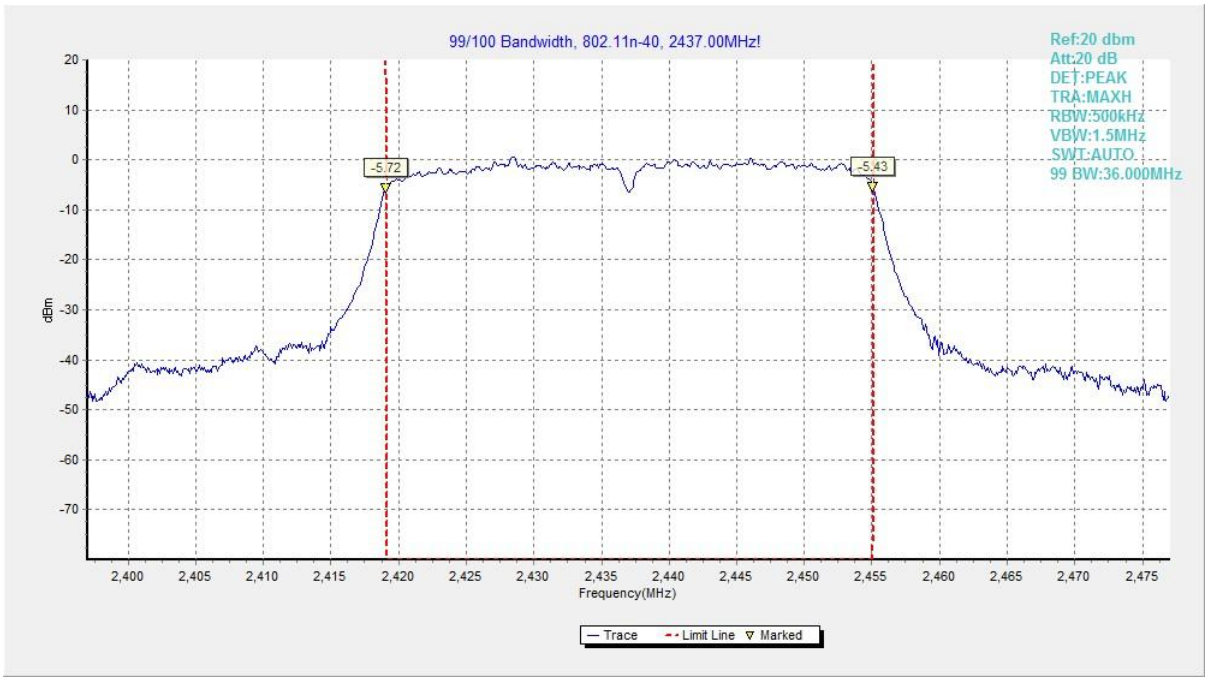

Fig.98 Occupied Bandwidth (802.11n HT40, CH6)

Fig.99 Occupied Bandwidth (802.11n HT40, CH9)

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