

Fig.51 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)

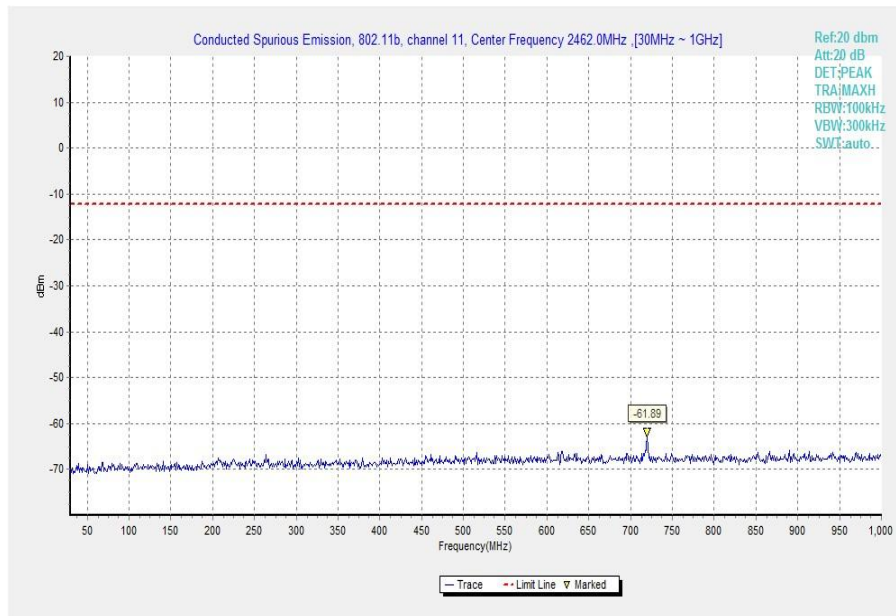


Fig.52 Conducted Spurious Emission (802.11b, Ch11, 30 MHz-1 GHz)

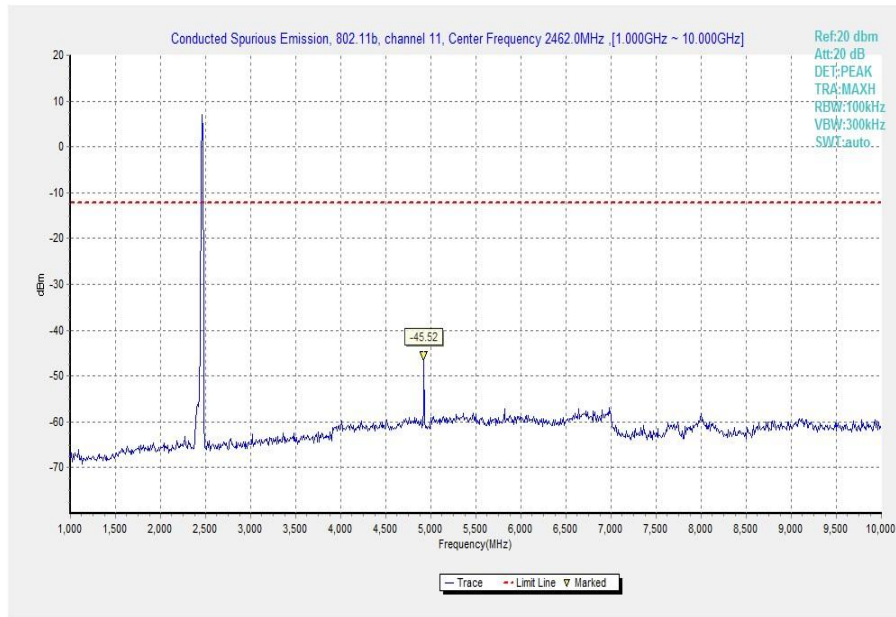


Fig.53 Conducted Spurious Emission (802.11b, Ch11, 1 GHz-10 GHz)

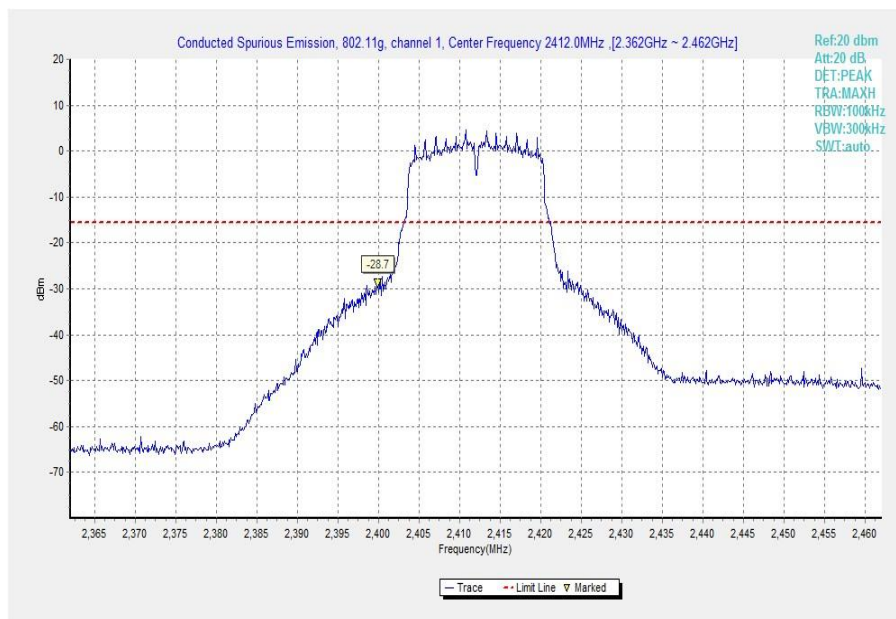


Fig.54 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)

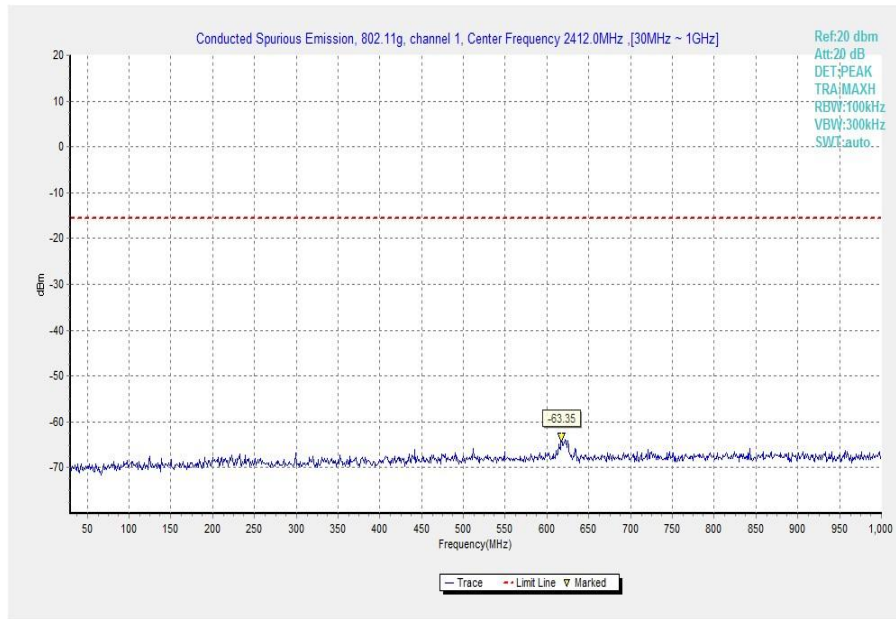


Fig.55 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-1 GHz)

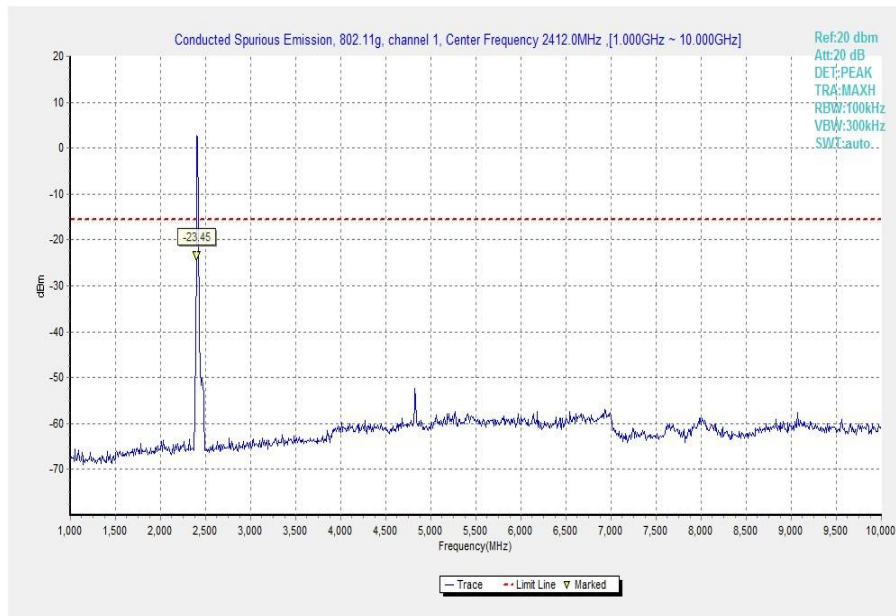


Fig.56 Conducted Spurious Emission (802.11g, Ch1, 1 GHz-10 GHz)

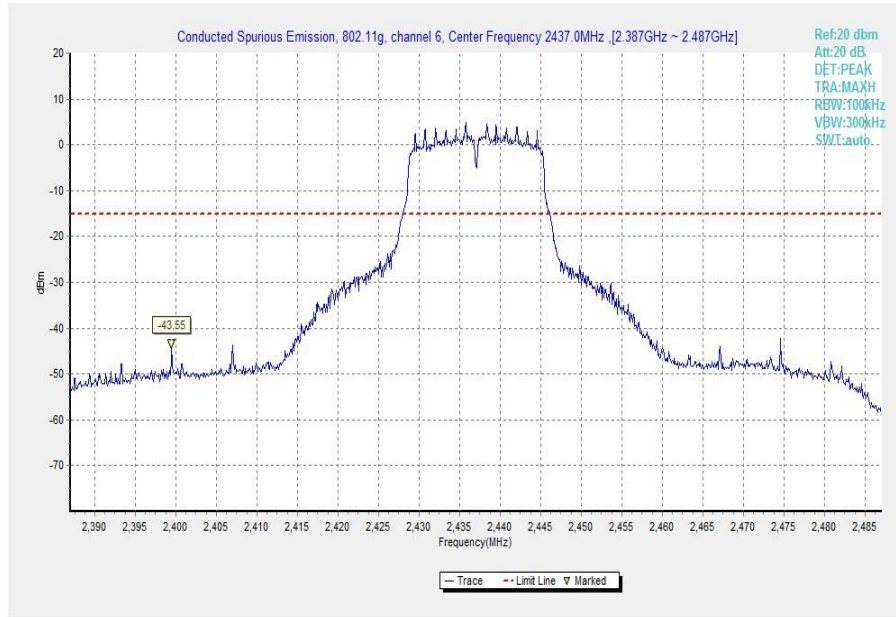


Fig.57 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)

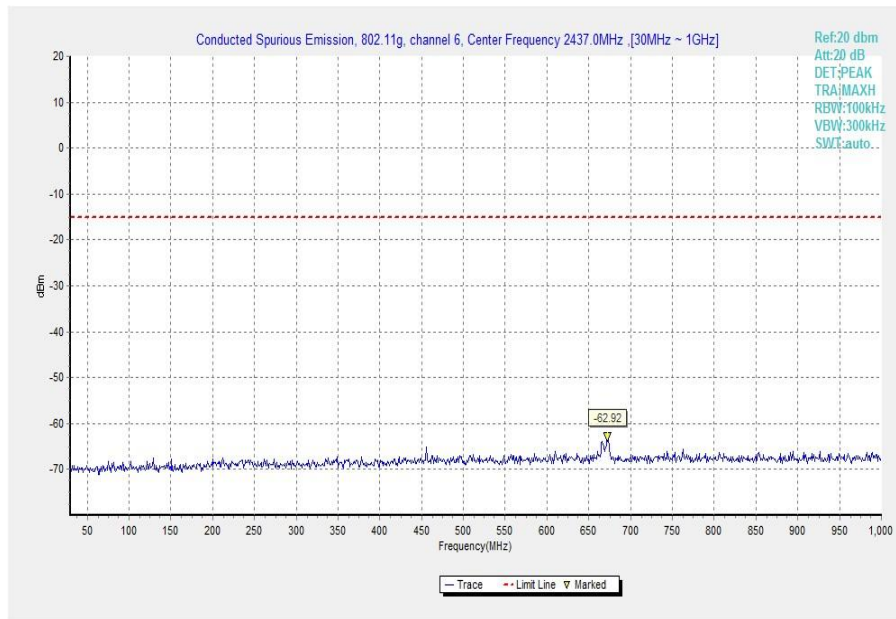


Fig.58 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)

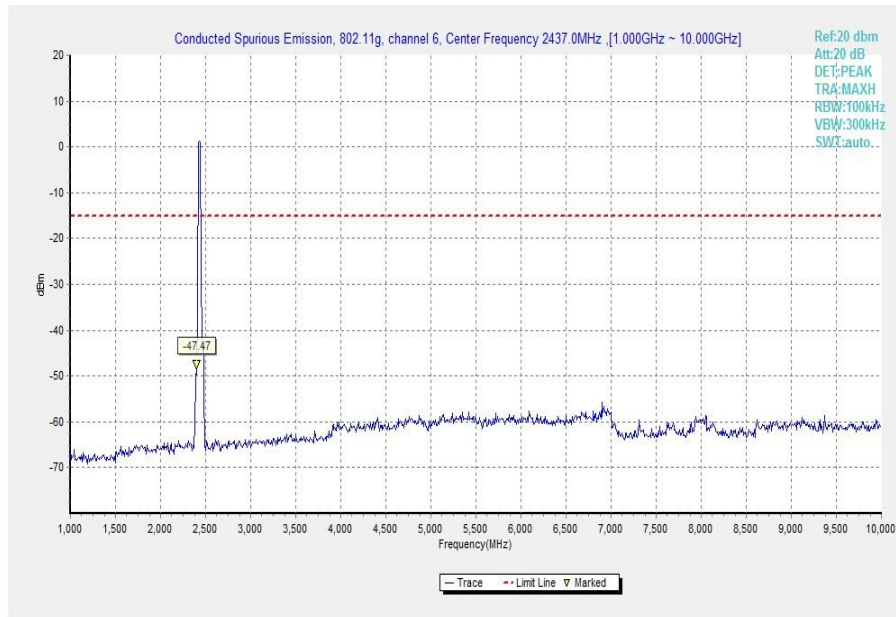


Fig.59 Conducted Spurious Emission (802.11g, Ch6, 1 GHz-10 GHz)

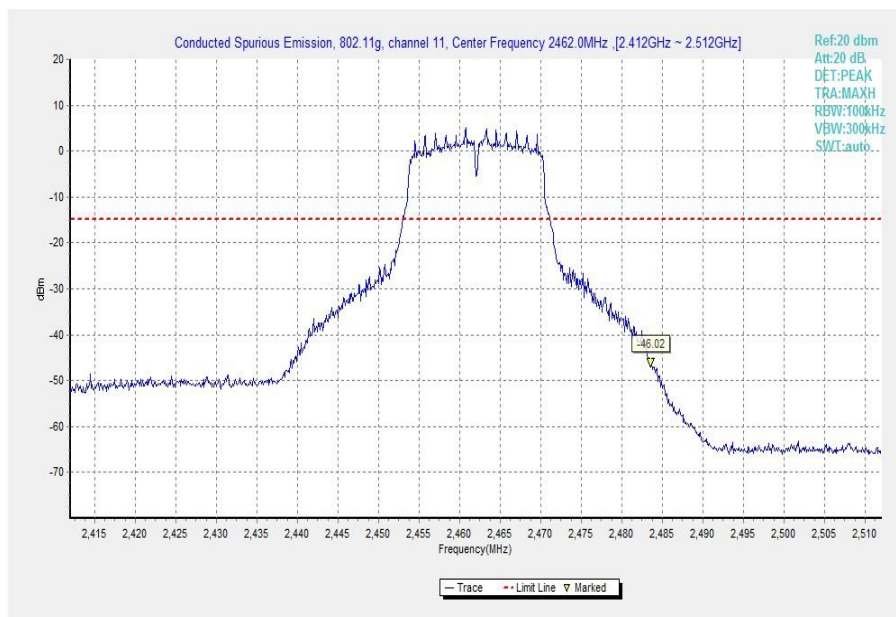


Fig.60 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

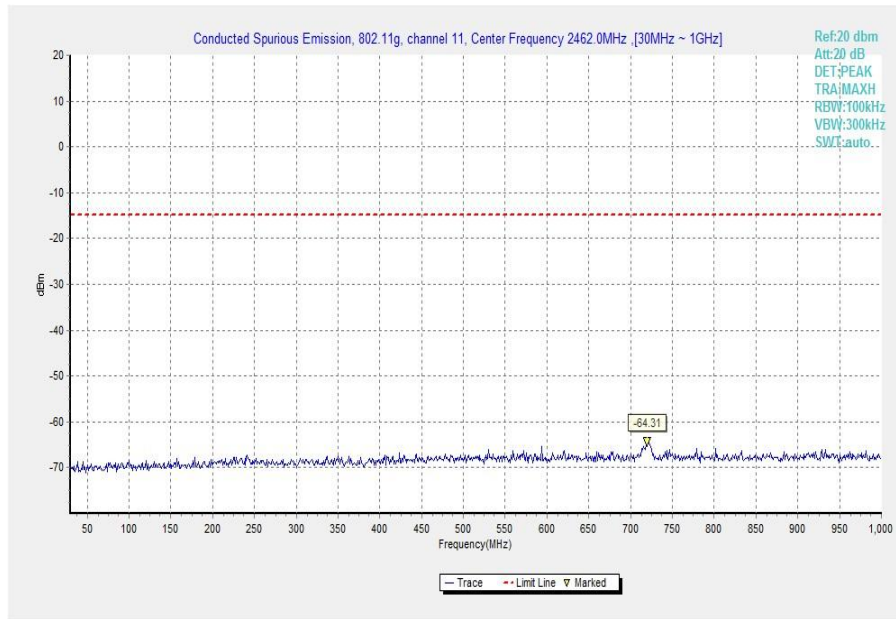


Fig.61 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-1 GHz)

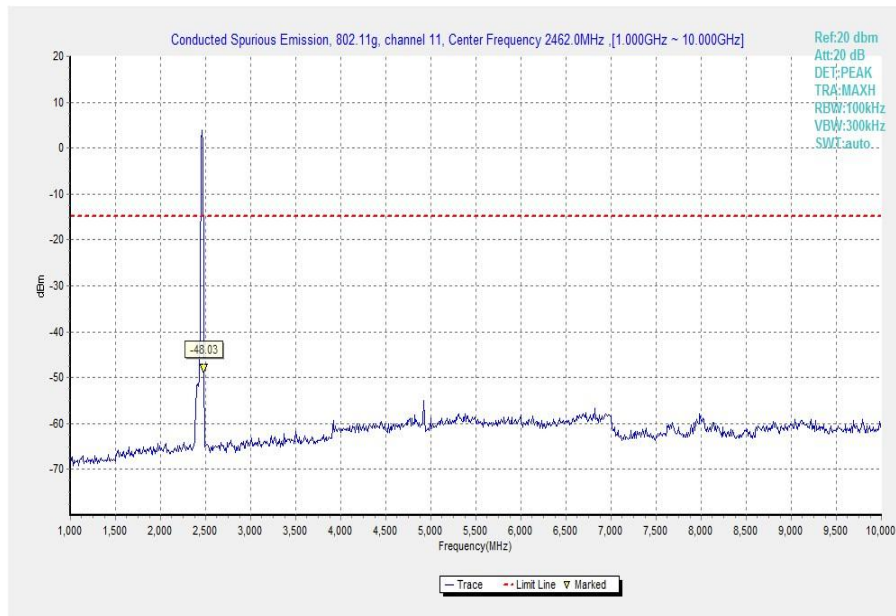


Fig.62 Conducted Spurious Emission (802.11g, Ch11, 1 GHz-10 GHz)

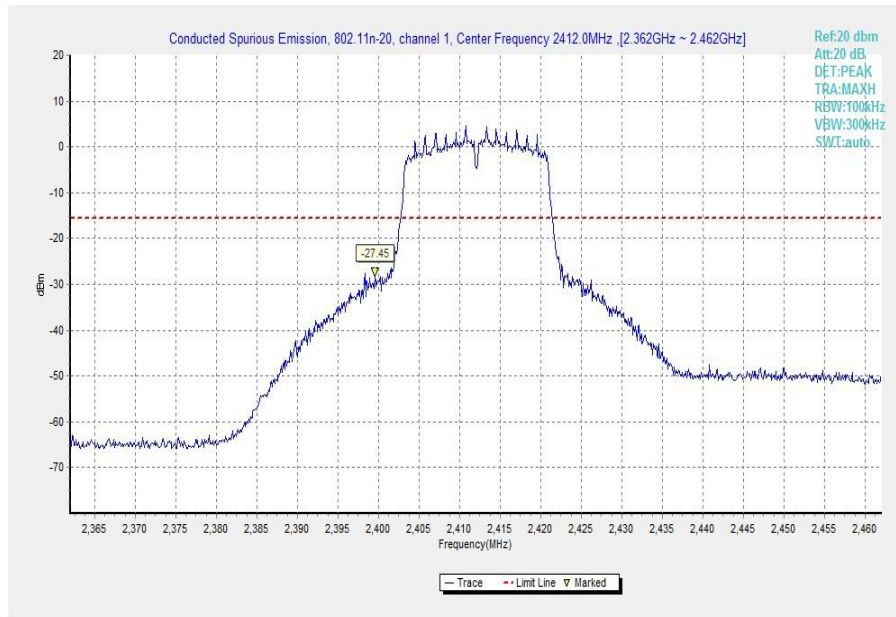


Fig.63 Conducted Spurious Emission (802.11n-20MHz, Ch1, Center Frequency)

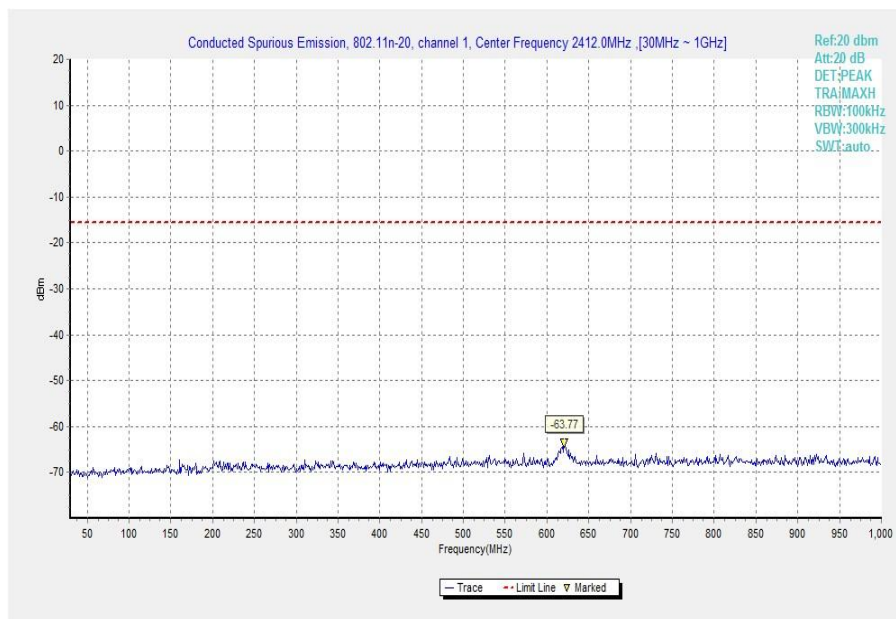


Fig.64 Conducted Spurious Emission (802.11n-20MHz, Ch1, 30 MHz-1 GHz)

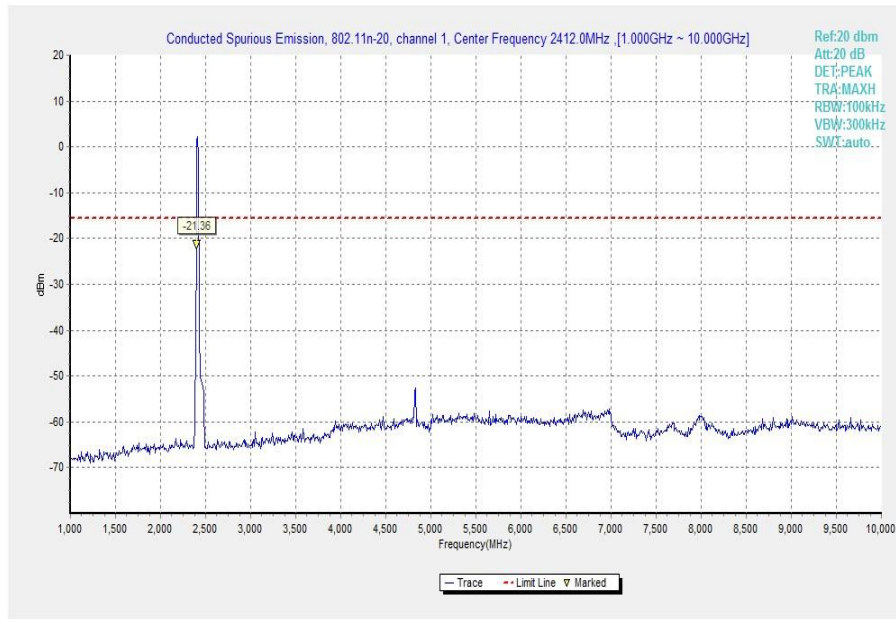


Fig.65 Conducted Spurious Emission (802.11n-20MHz, Ch1, 1 GHz-10 GHz)

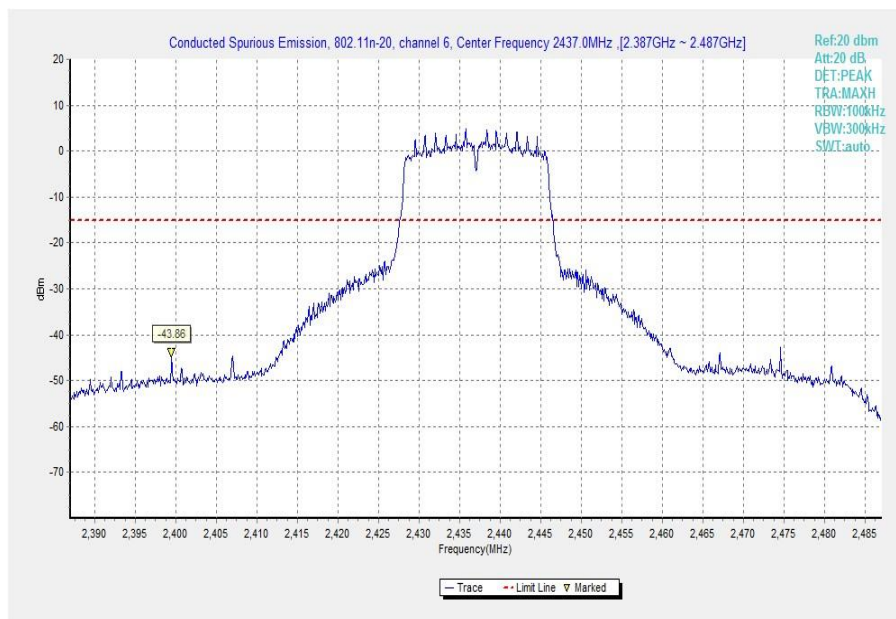


Fig.66 Conducted Spurious Emission (802.11n-20MHz, Ch6, Center Frequency)

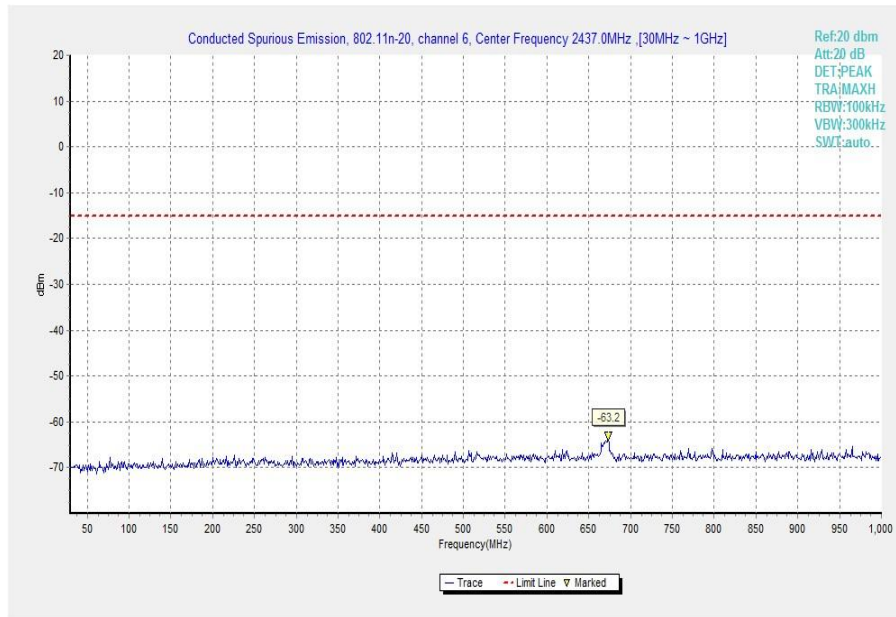


Fig.67 Conducted Spurious Emission (802.11n-20MHz, Ch6, 30 MHz-1 GHz)

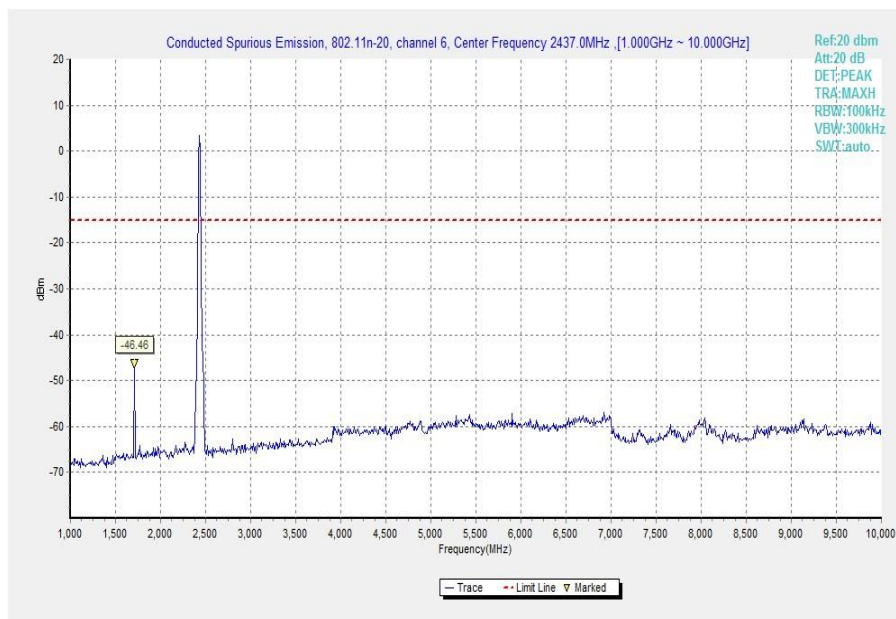


Fig.68 Conducted Spurious Emission (802.11n-20MHz, Ch6, 1 GHz-10 GHz)

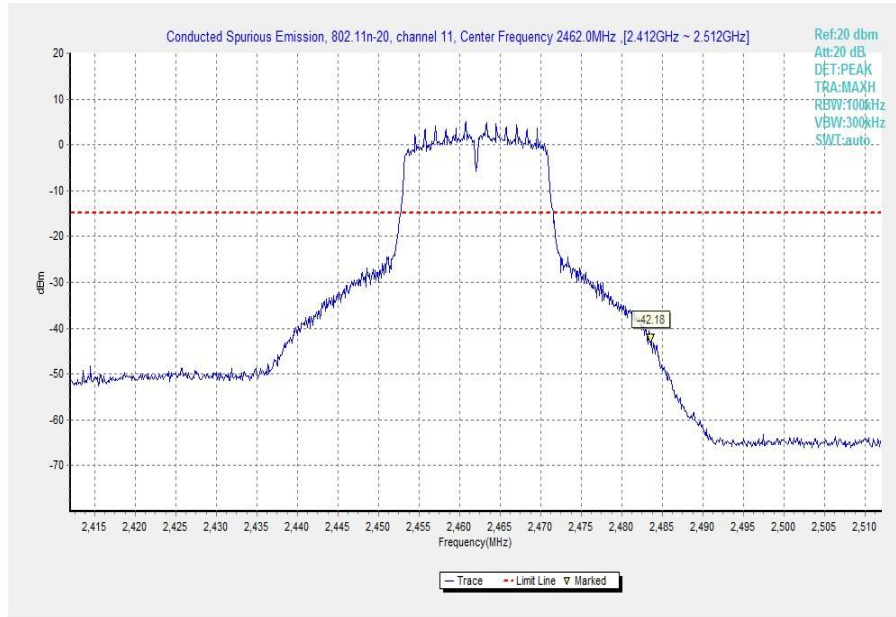


Fig.69 Conducted Spurious Emission (802.11n-20MHz, Ch11, Center Frequency)

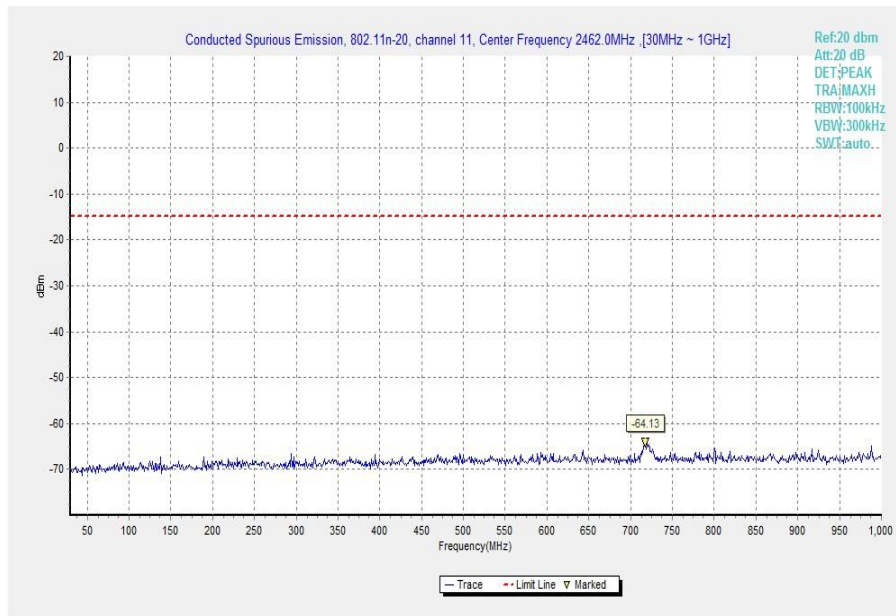


Fig.70 Conducted Spurious Emission (802.11n-20MHz, Ch11, 30 MHz-1 GHz)

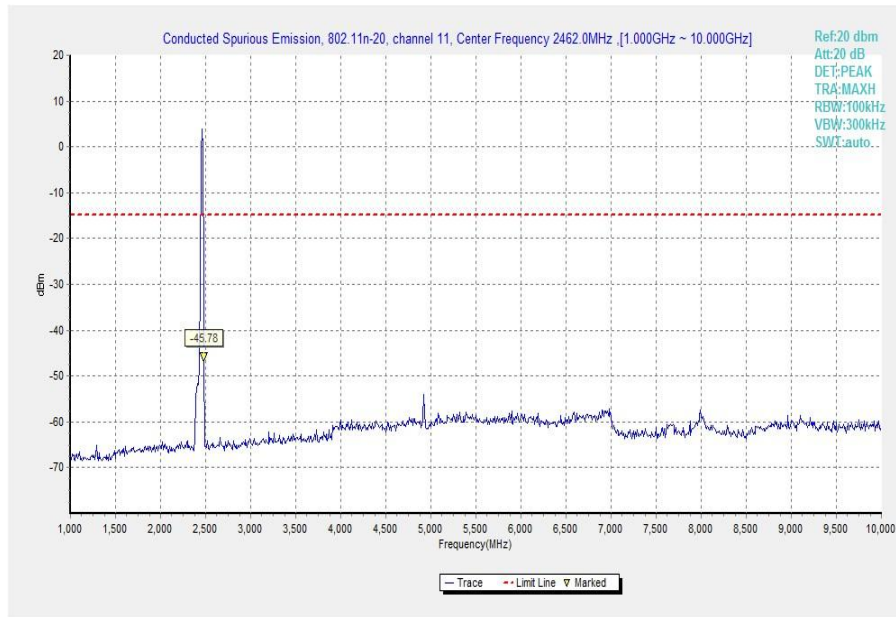


Fig.71 Conducted Spurious Emission (802.11n-20MHz, Ch11, 1 GHz-10 GHz)

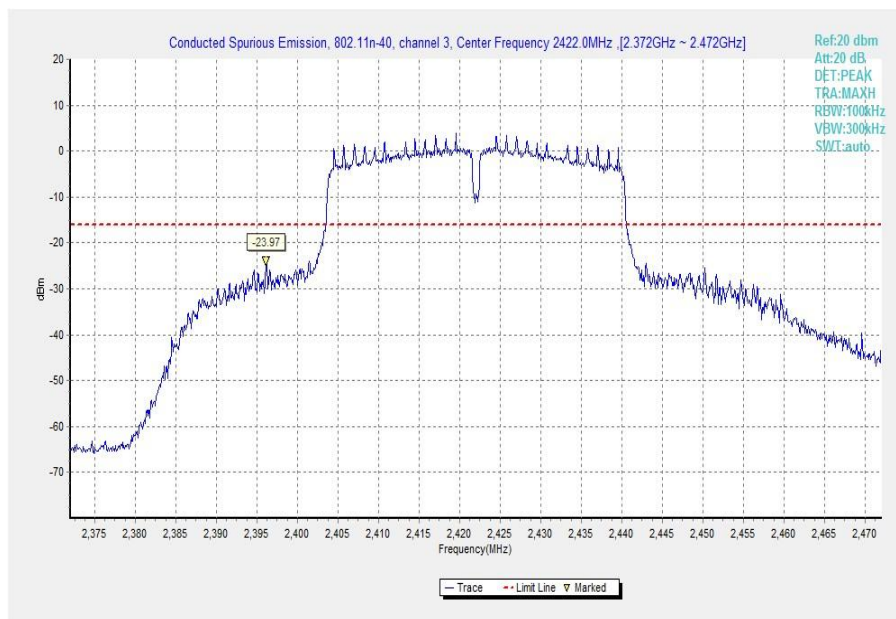


Fig.72 Conducted Spurious Emission (802.11n-40MHz, Ch3, Center Frequency)

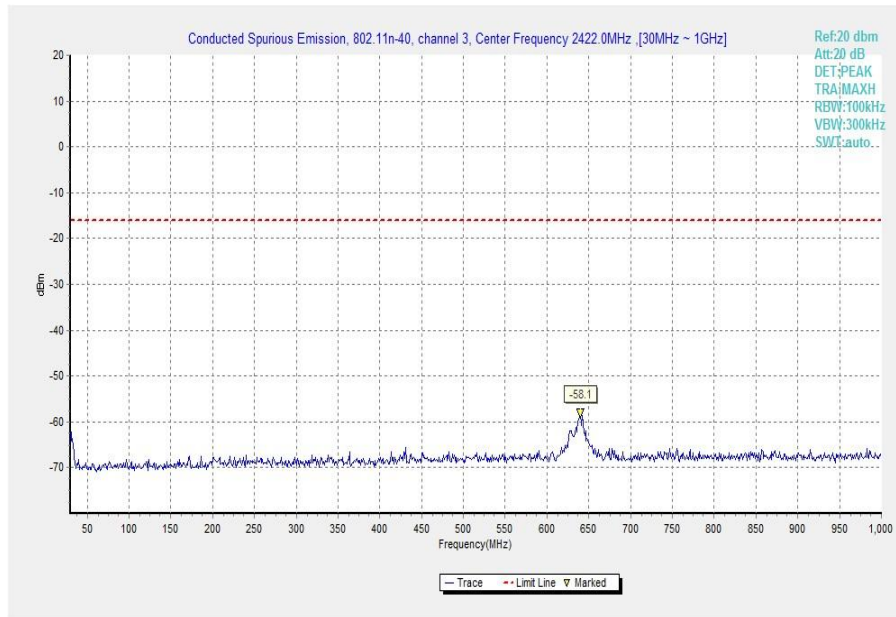


Fig.73 Conducted Spurious Emission (802.11n-40MHz, Ch3, 30 MHz-1 GHz)

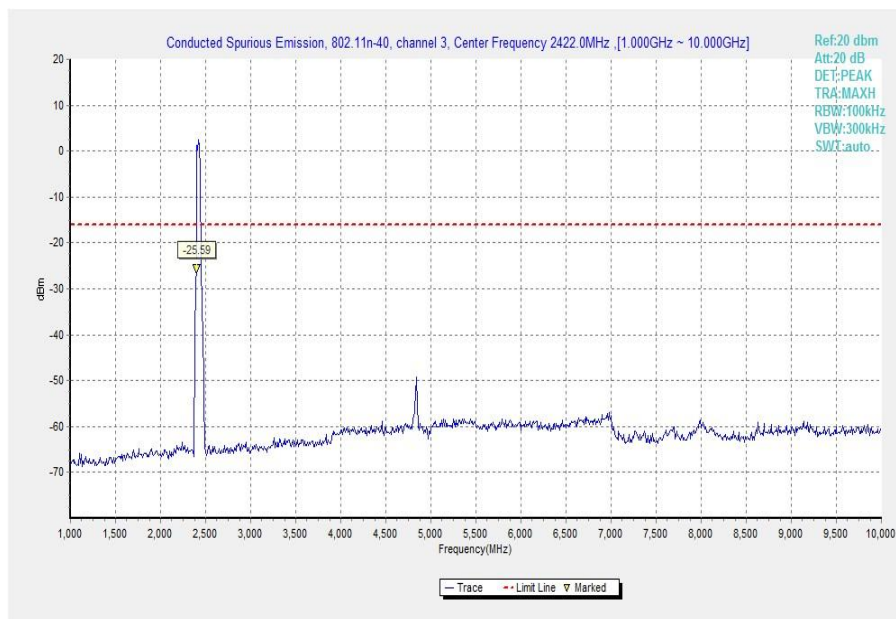


Fig.74 Conducted Spurious Emission (802.11n-40MHz, Ch3, 1 GHz-10 GHz)

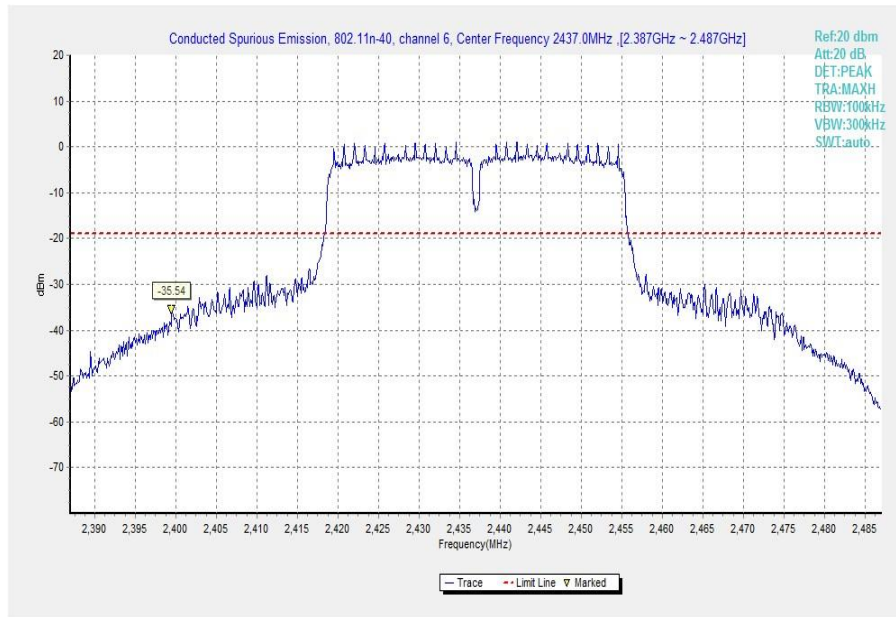


Fig.75 Conducted Spurious Emission (802.11n-40MHz, Ch6, Center Frequency)

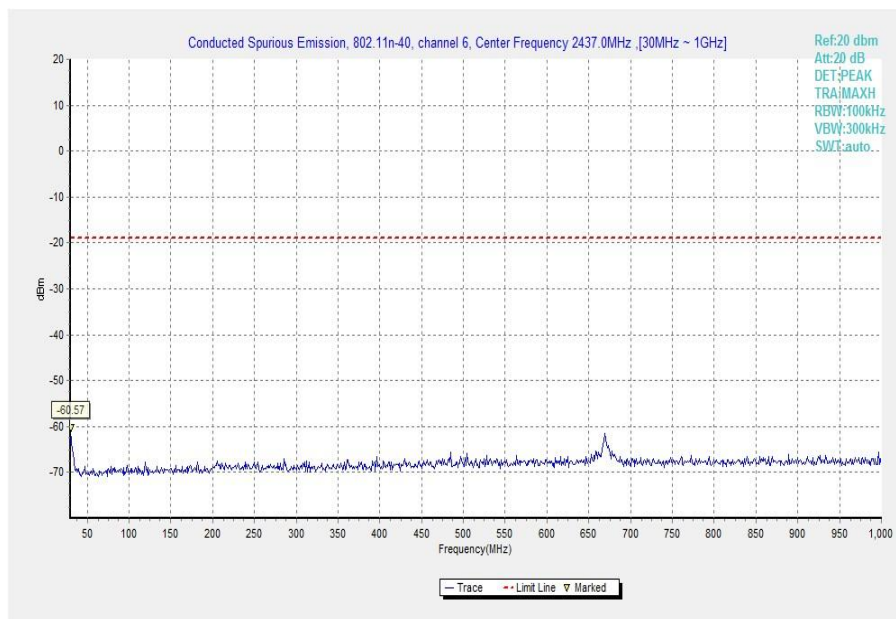


Fig.76 Conducted Spurious Emission (802.11n-40MHz, Ch6, 30 MHz-1 GHz)

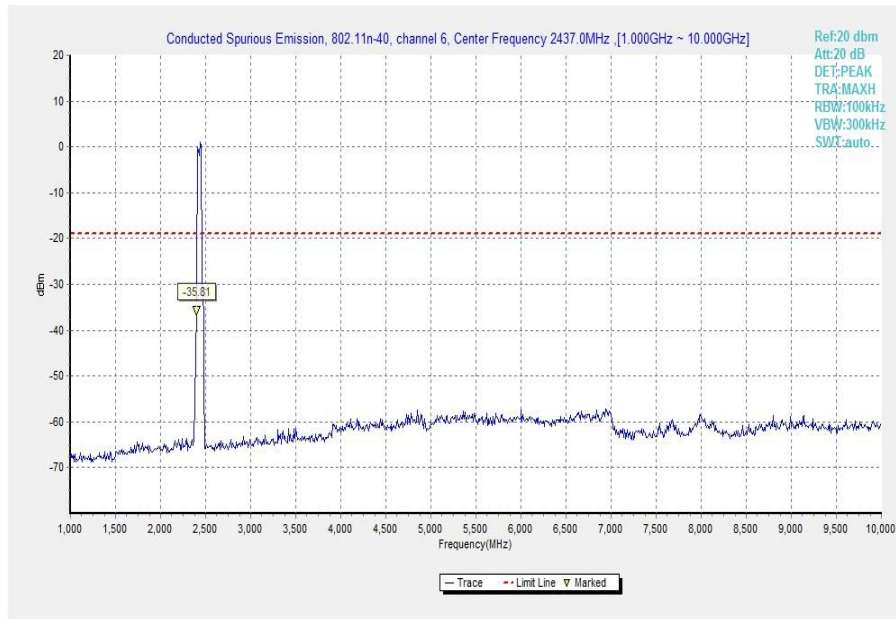


Fig.77 Conducted Spurious Emission (802.11n-40MHz, Ch6, 1 GHz-10 GHz)

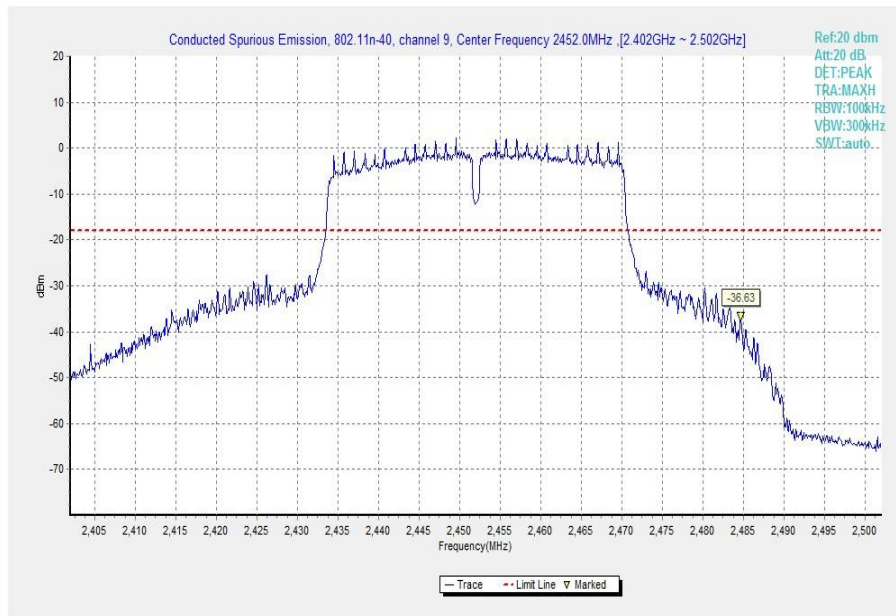


Fig.78 Conducted Spurious Emission (802.11n-40MHz, Ch9, Center Frequency)

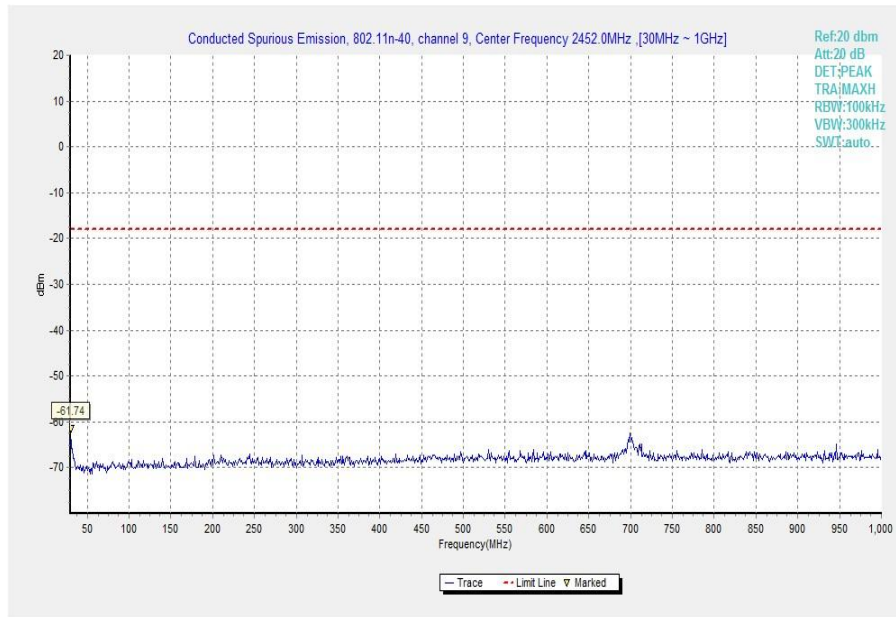


Fig.79 Conducted Spurious Emission (802.11n-40MHz, Ch9, 30 MHz-1 GHz)

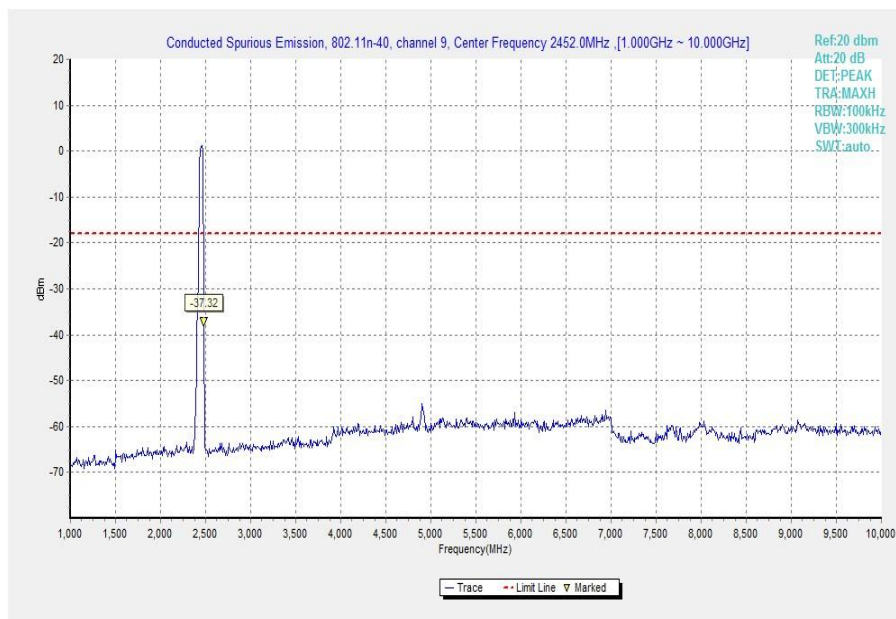


Fig.80 Conducted Spurious Emission (802.11n-40MHz, Ch9, 1 GHz-10 GHz)

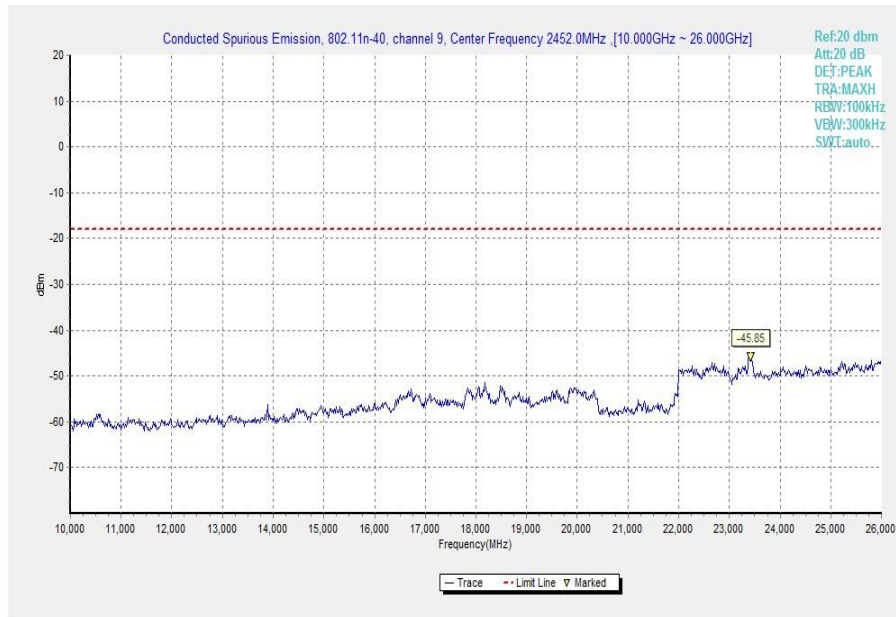


Fig.81 Conducted Spurious Emission (All channels, 10 GHz-26 GHz)

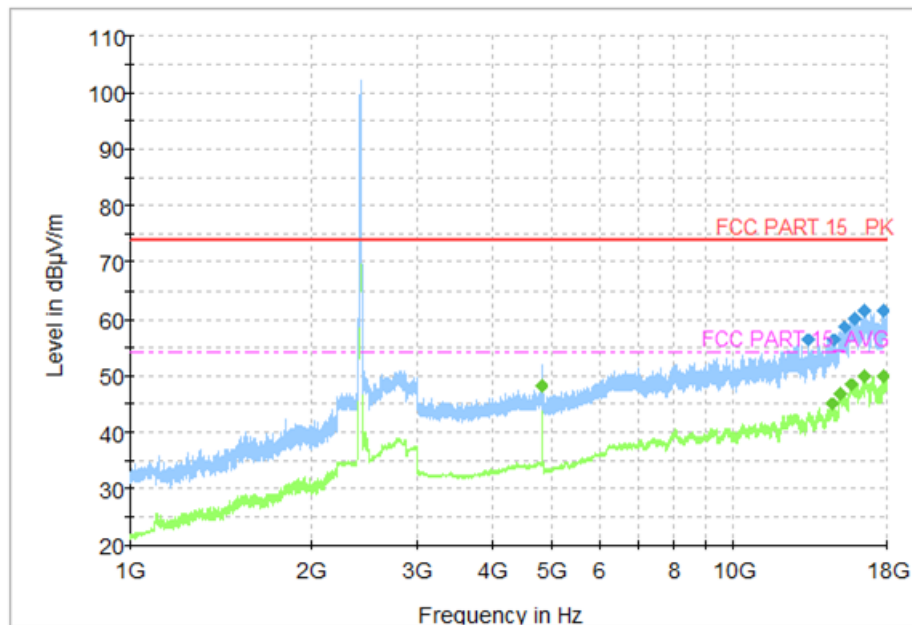


Fig.82 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-18GHz)

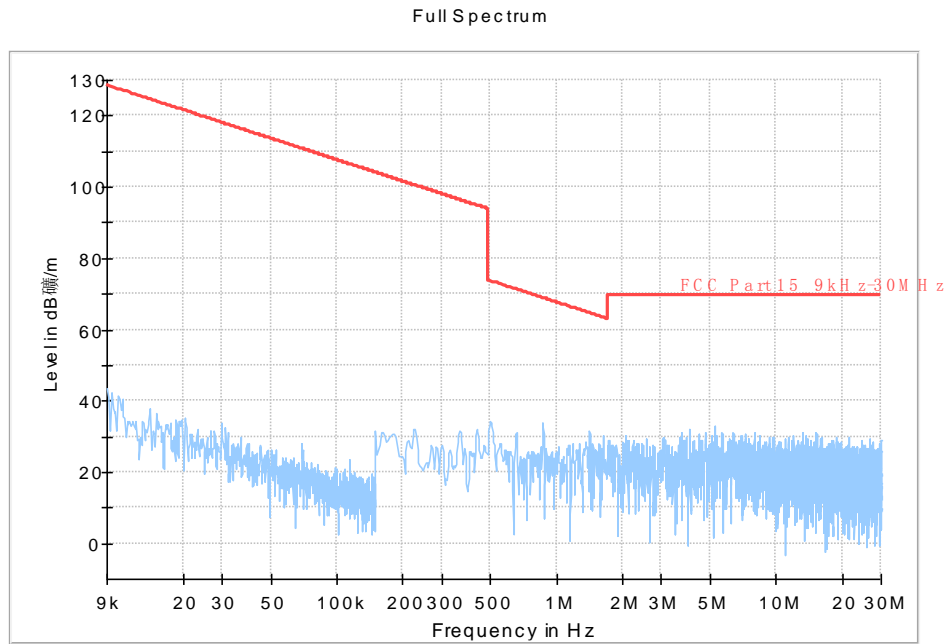


Fig.83 Radiated Spurious Emission (802.11b, Ch6, 9kHz-30MHz)

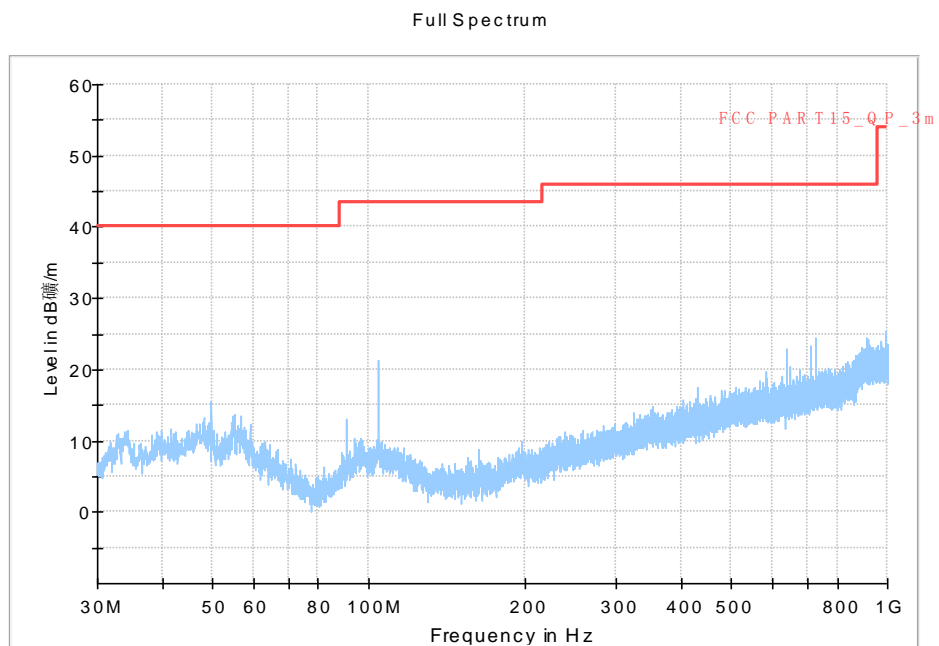


Fig.84 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz)

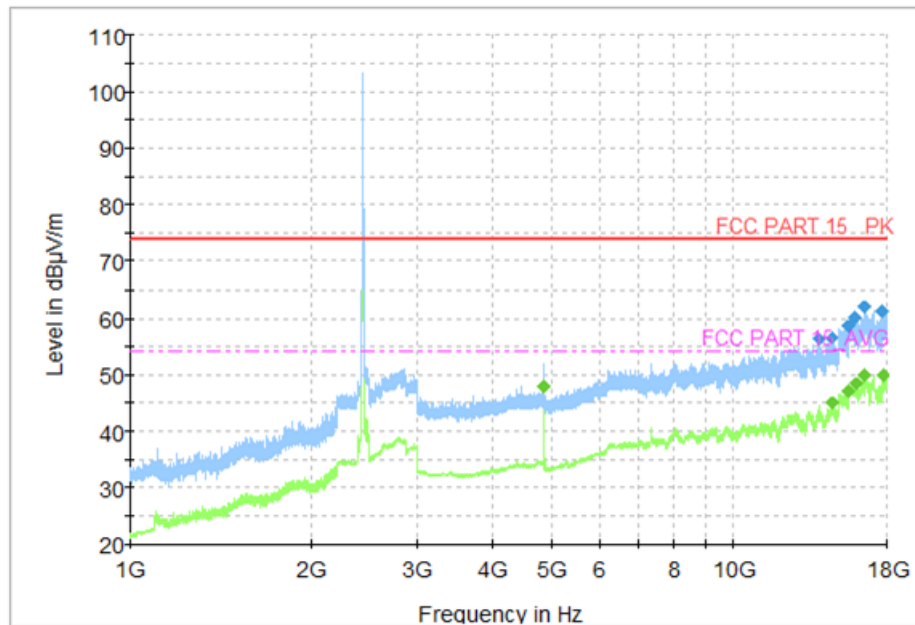


Fig.85 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-18GHz)

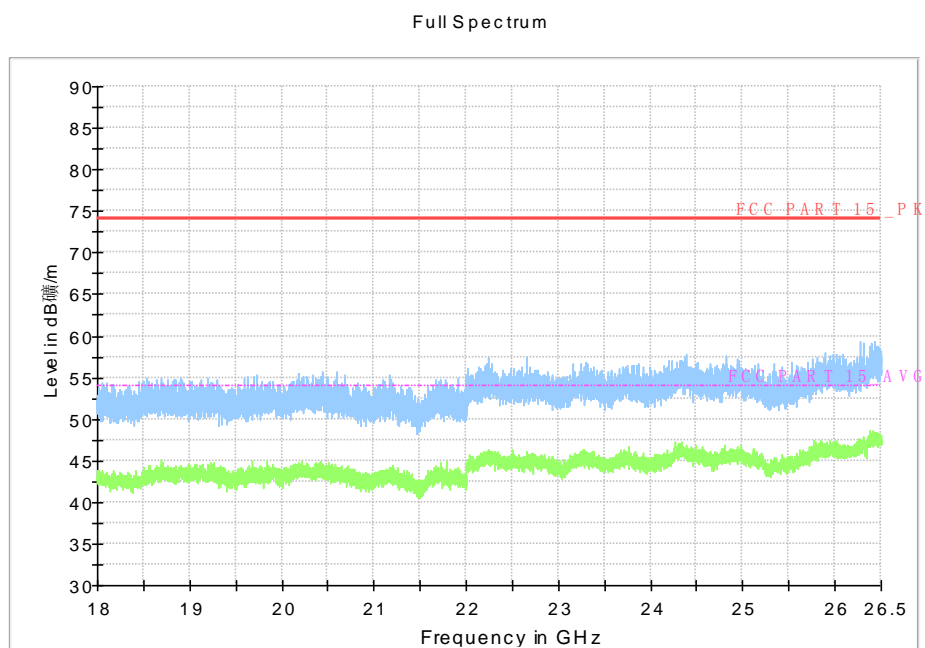


Fig.86 Radiated Spurious Emission (802.11b, Ch6, 18 GHz-26.5GHz)

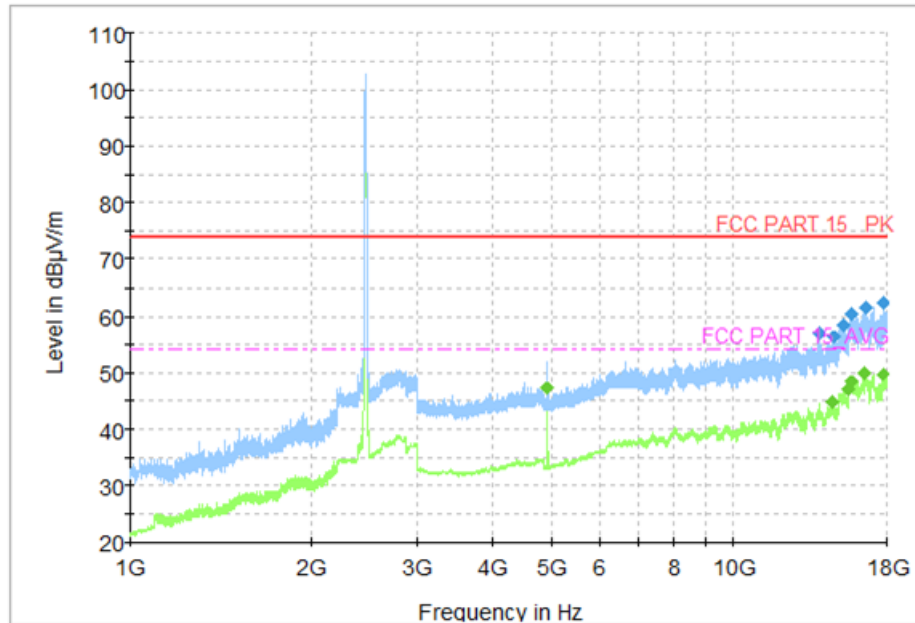


Fig.87 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-18GHz)

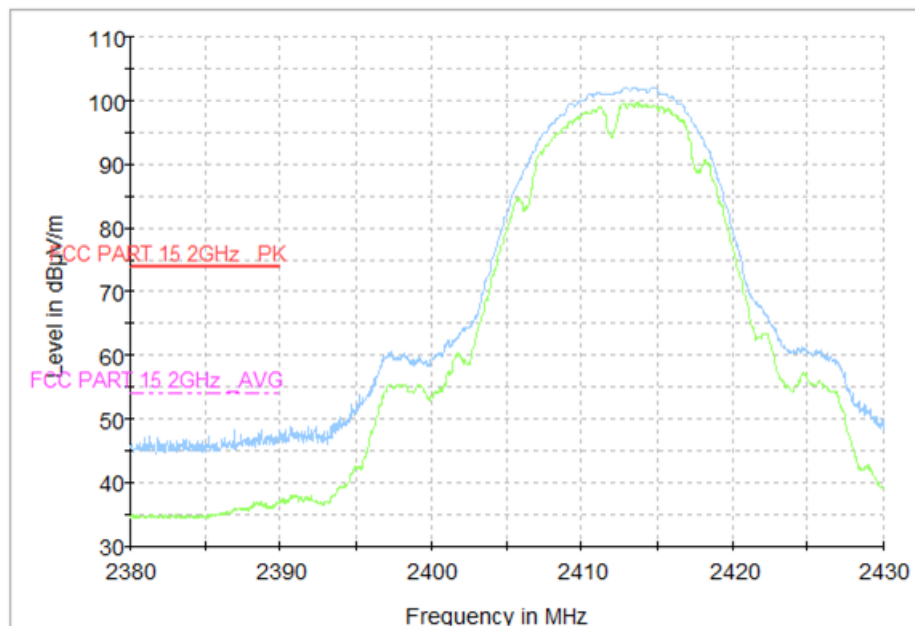


Fig.88 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)

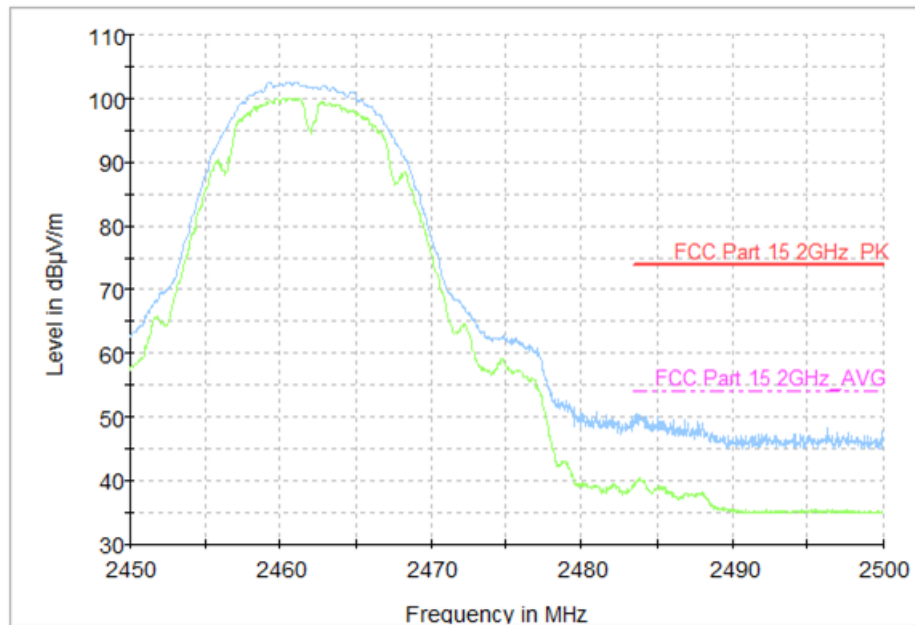


Fig.89 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)

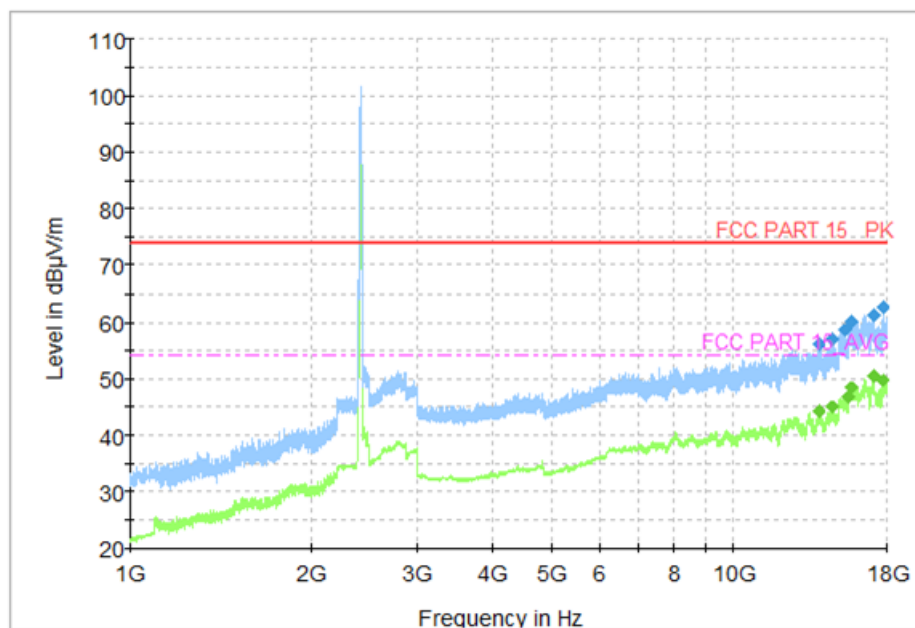


Fig.90 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-18 GHz)

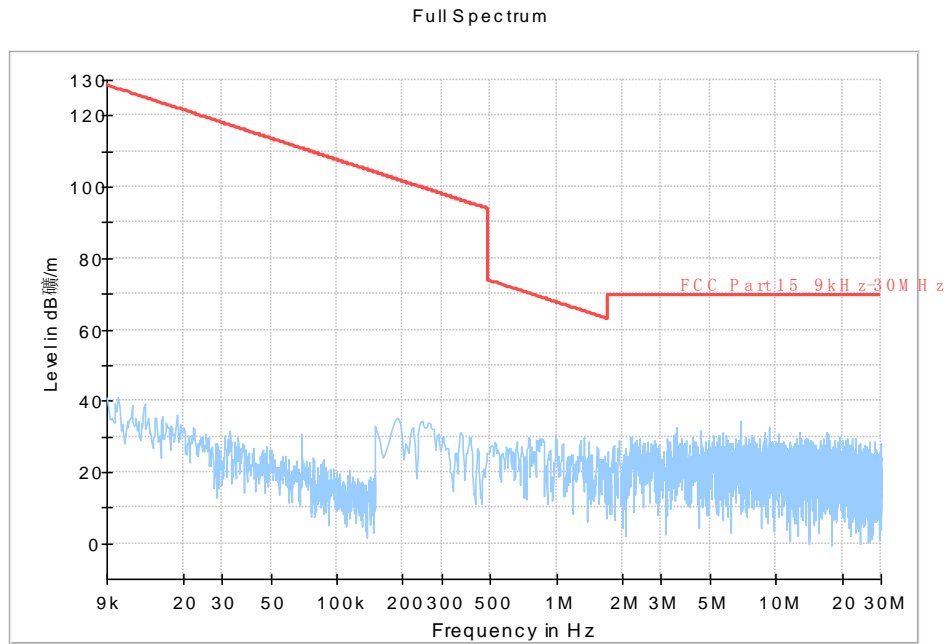


Fig.91 Radiated Spurious Emission (802.11g, Ch6, 9kHz-30MHz)

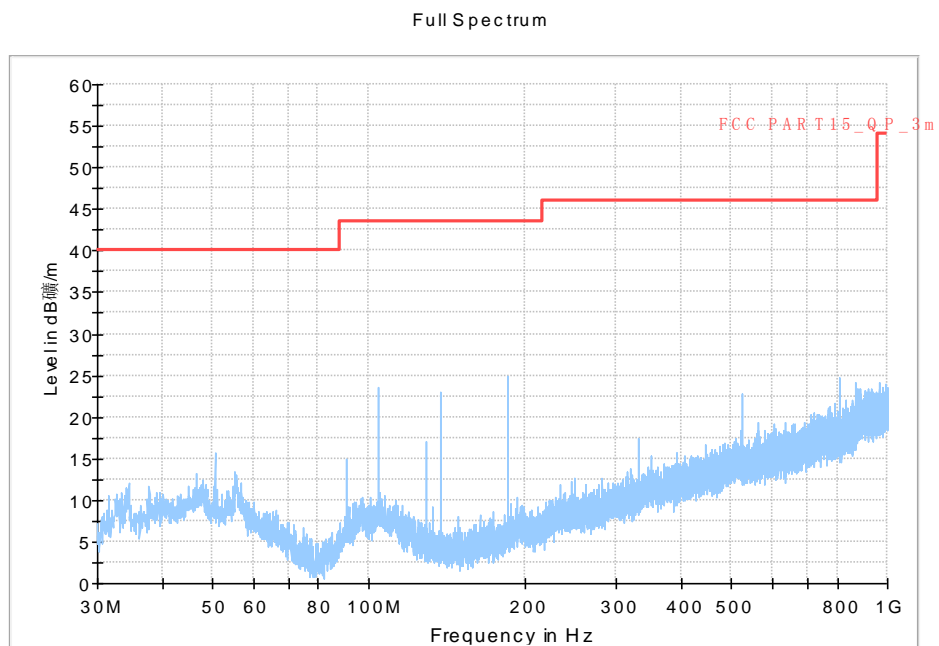


Fig.92 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)

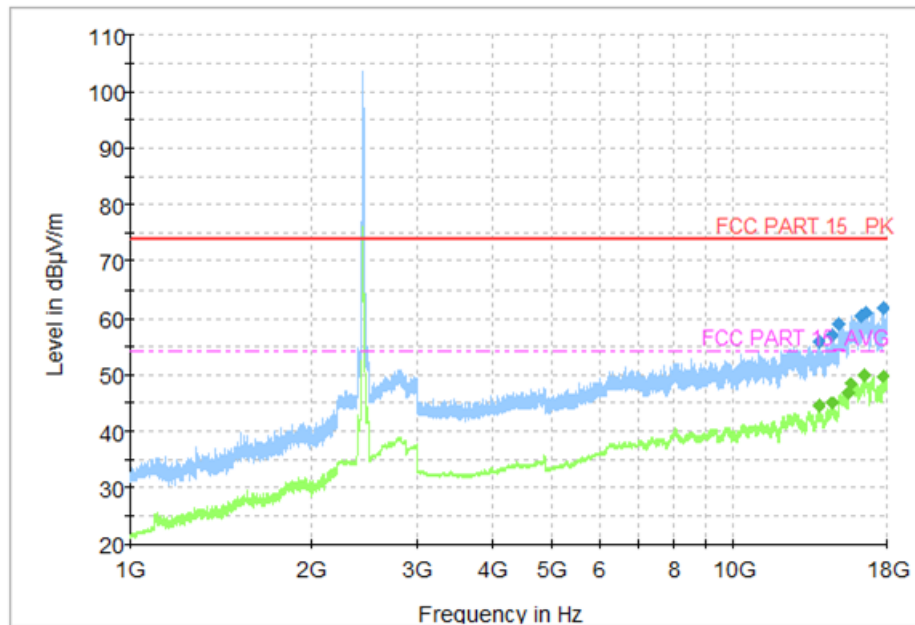


Fig.93 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-18 GHz)

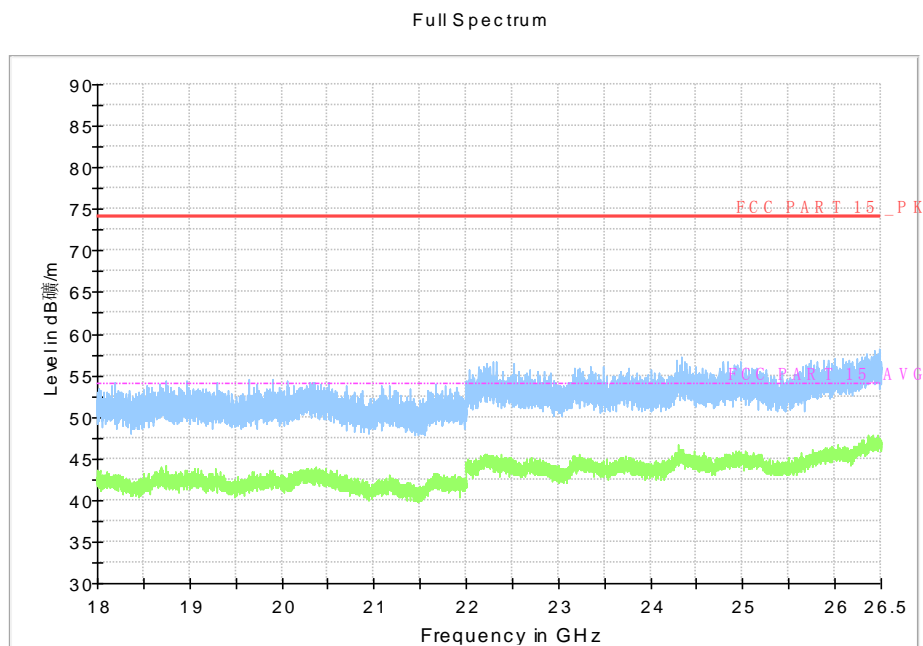


Fig.94 Radiated Spurious Emission (802.11g, Ch6, 18 GHz-26.5 GHz)

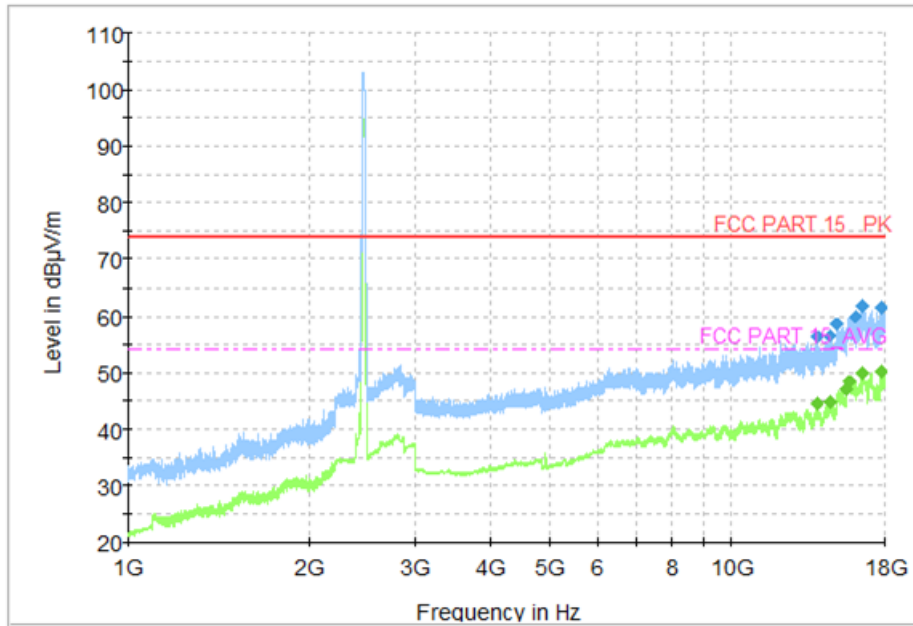


Fig.95 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-18 GHz)

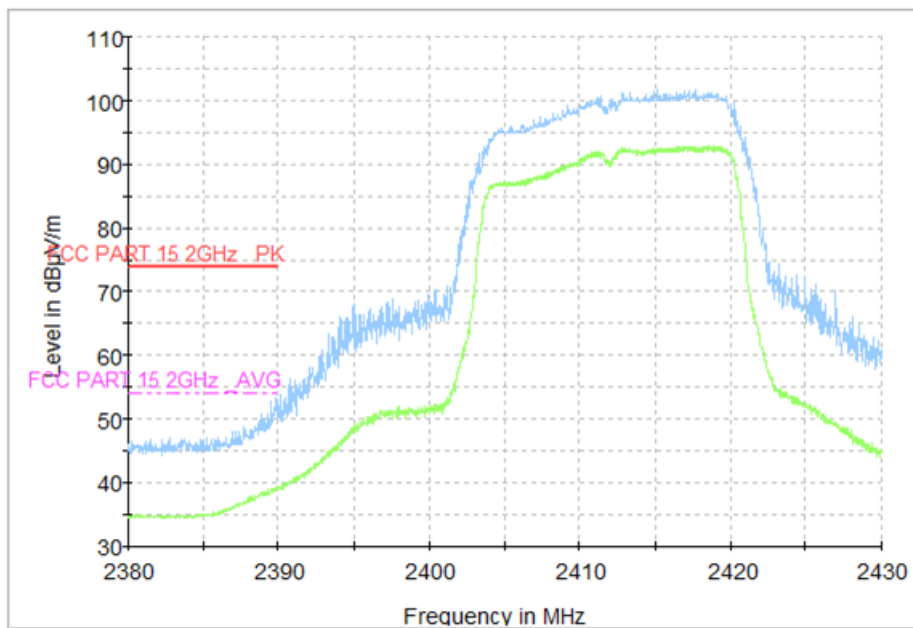


Fig.96 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)

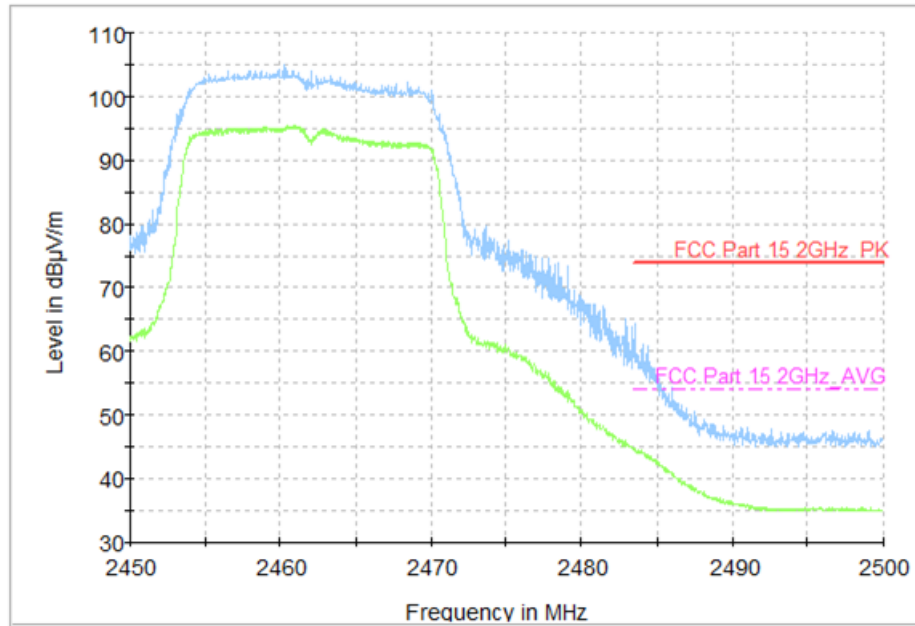


Fig.97 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)

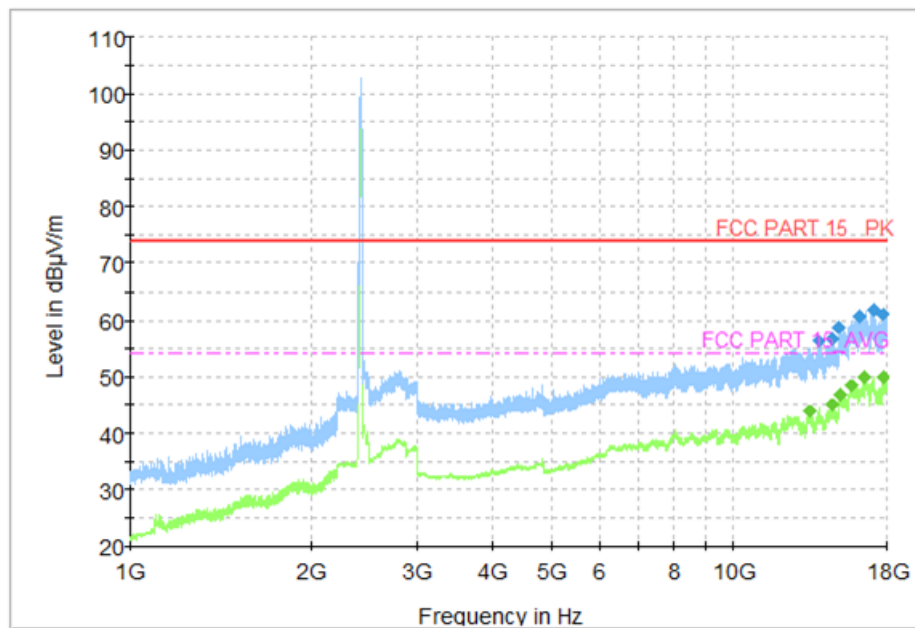


Fig.98 Radiated Spurious Emission (802.11n-20MHz, Ch1, 1 GHz-18 GHz)

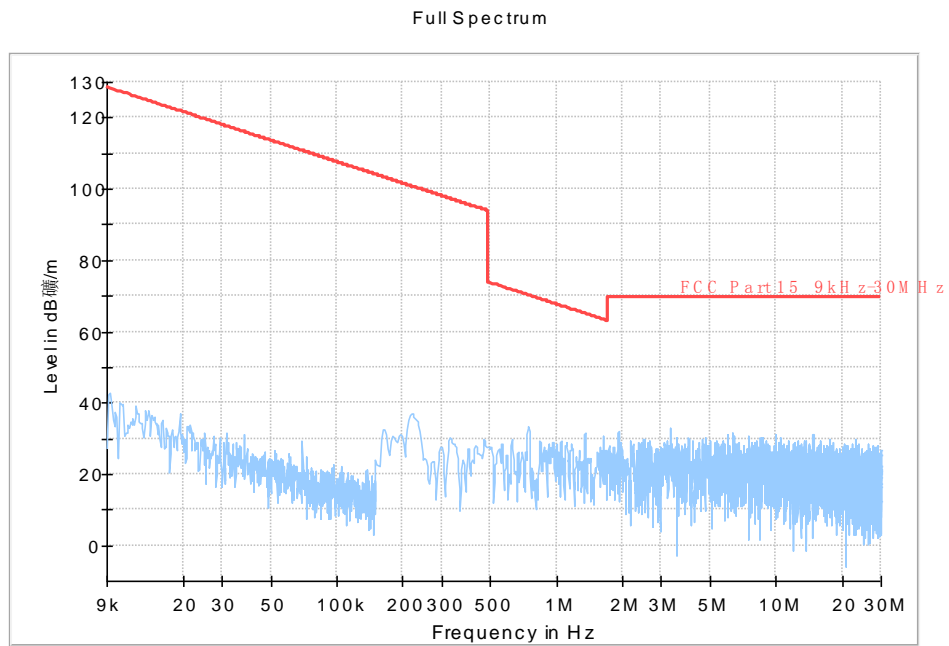


Fig.99 Radiated Spurious Emission (802.11n-20MHz, Ch6, 9kHz-30MHz)

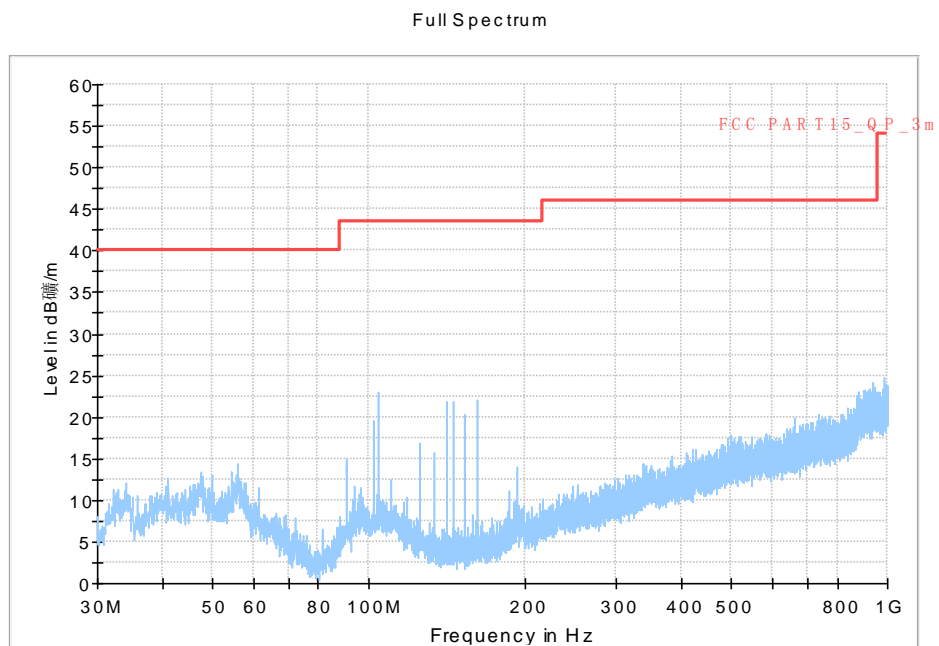


Fig.100 Radiated Spurious Emission (802.11n-20MHz, Ch6, 30MHz-1 GHz)

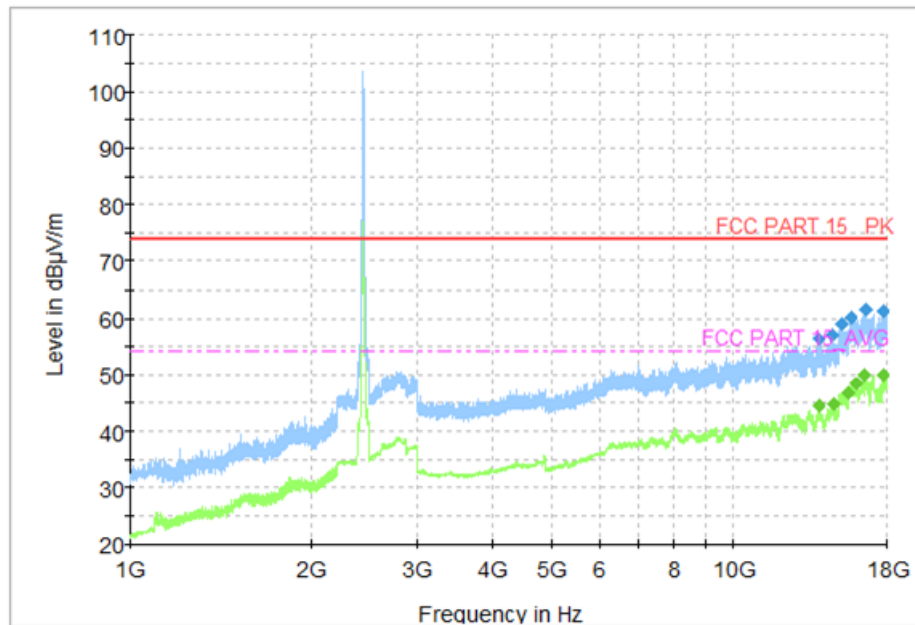


Fig.101 Radiated Spurious Emission (802.11n-20MHz, Ch6, 1 GHz-18 GHz)

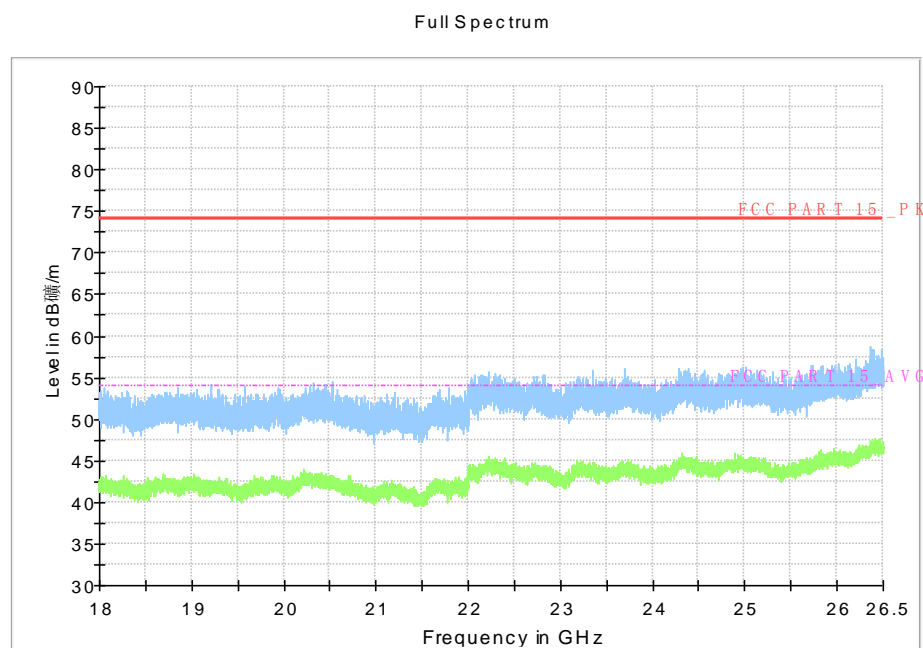


Fig.102 Radiated Spurious Emission (802.11n-20MHz, Ch6, 18 GHz-26.5 GHz)

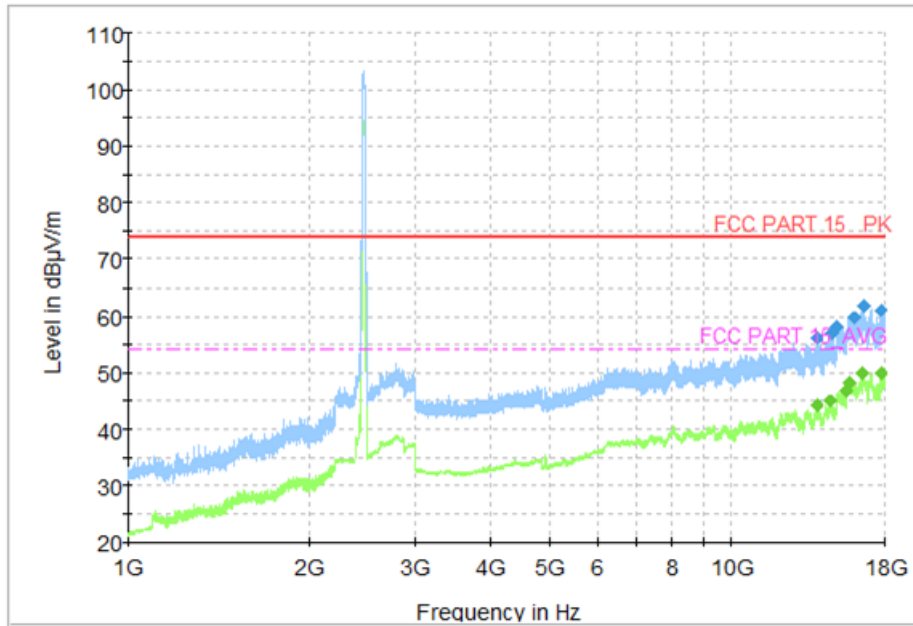


Fig.103 Radiated Spurious Emission (802.11n-20MHz, Ch11, 1 GHz-18 GHz)

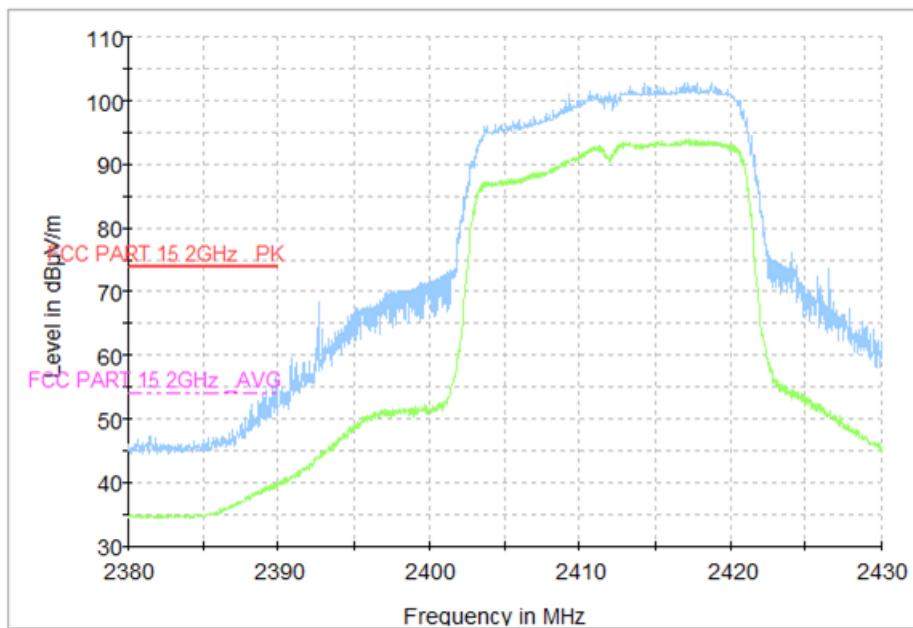


Fig.104 Radiated Emission Power (802.11n-20MHz, Ch1, 2380GHz~2450GHz)

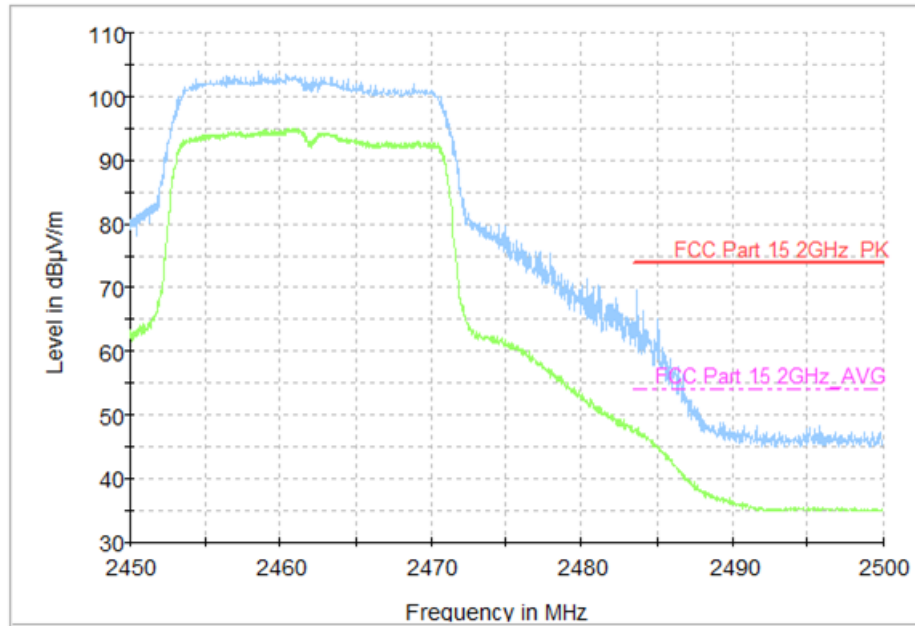


Fig.105 Radiated Emission Power (802.11n-20MHz, Ch11, 2450GHz~2500GHz)

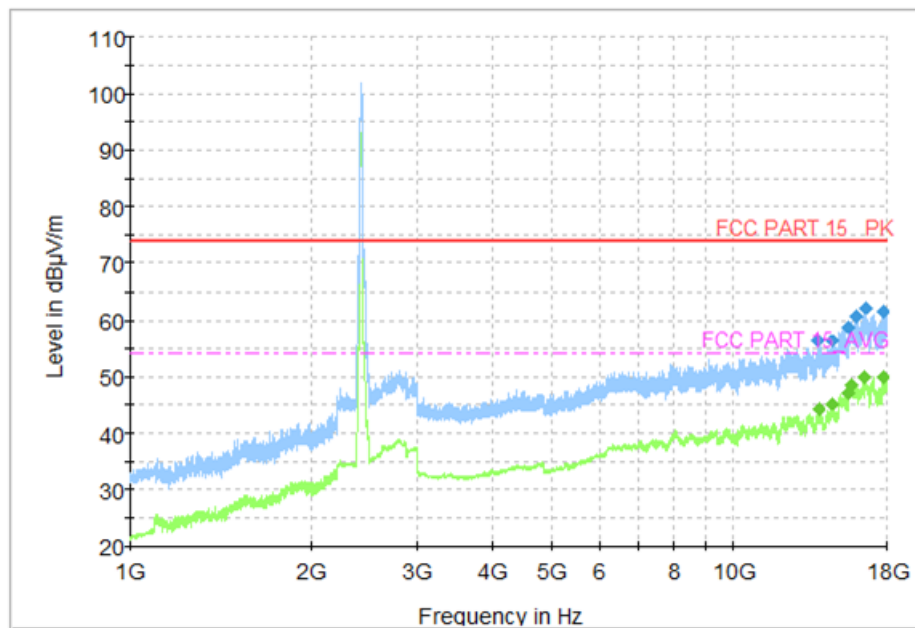


Fig.106 Radiated Spurious Emission (802.11n-40MHz, Ch3, 1 GHz-18 GHz)

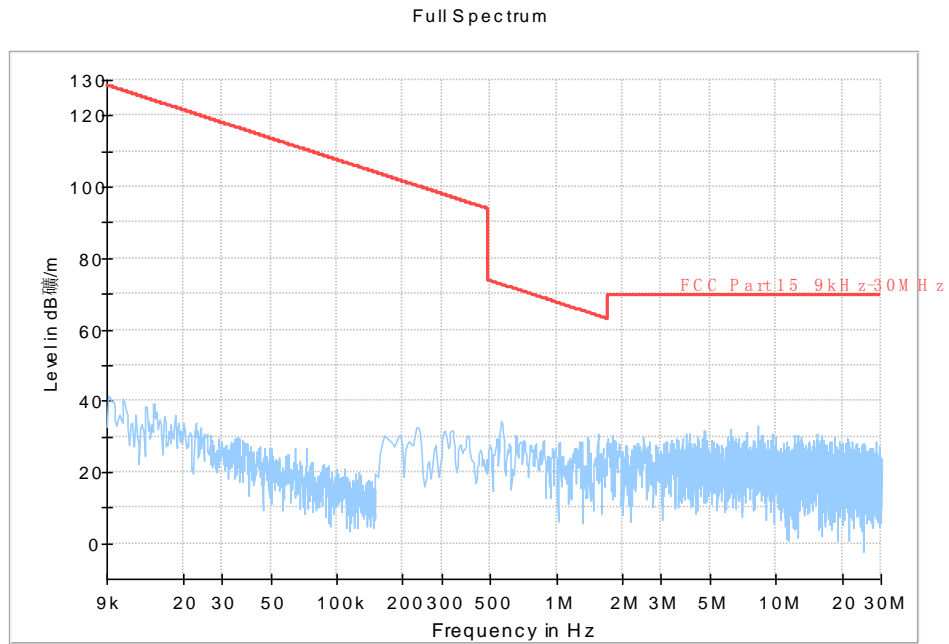


Fig.107 Radiated Spurious Emission (802.11n-40MHz, Ch6, 9kHz-30MHz)

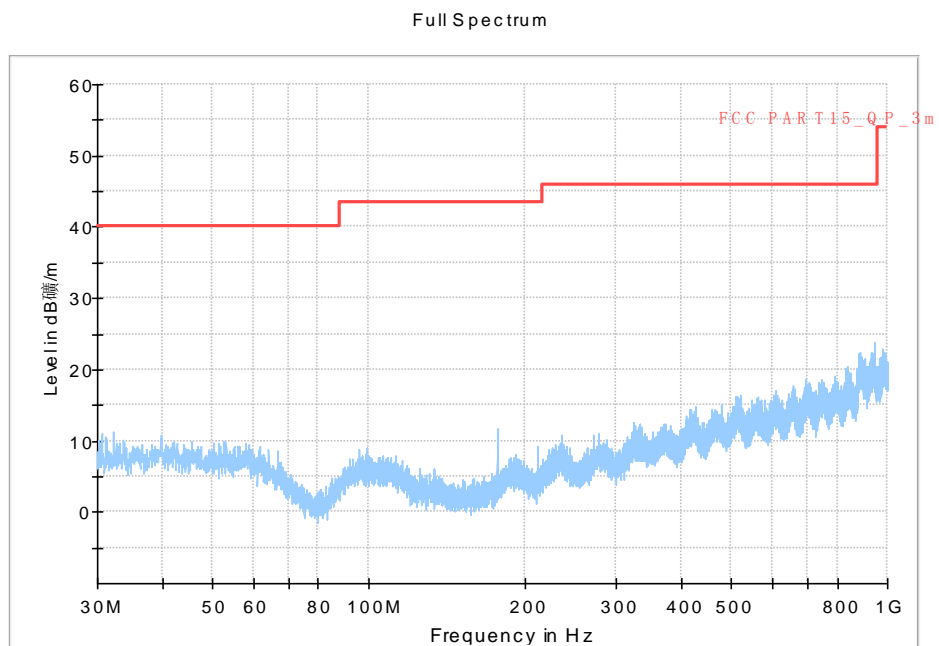


Fig.108 Radiated Spurious Emission (802.11n-40MHz, Ch6, 30MHz-1 GHz)

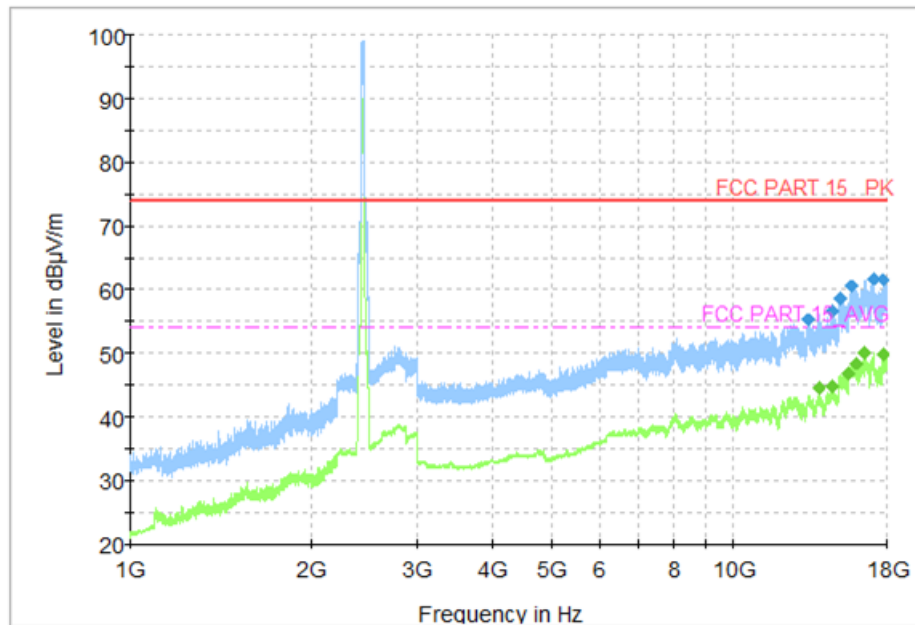


Fig.109 Radiated Spurious Emission (802.11n-40MHz, Ch6, 1 GHz-18 GHz)

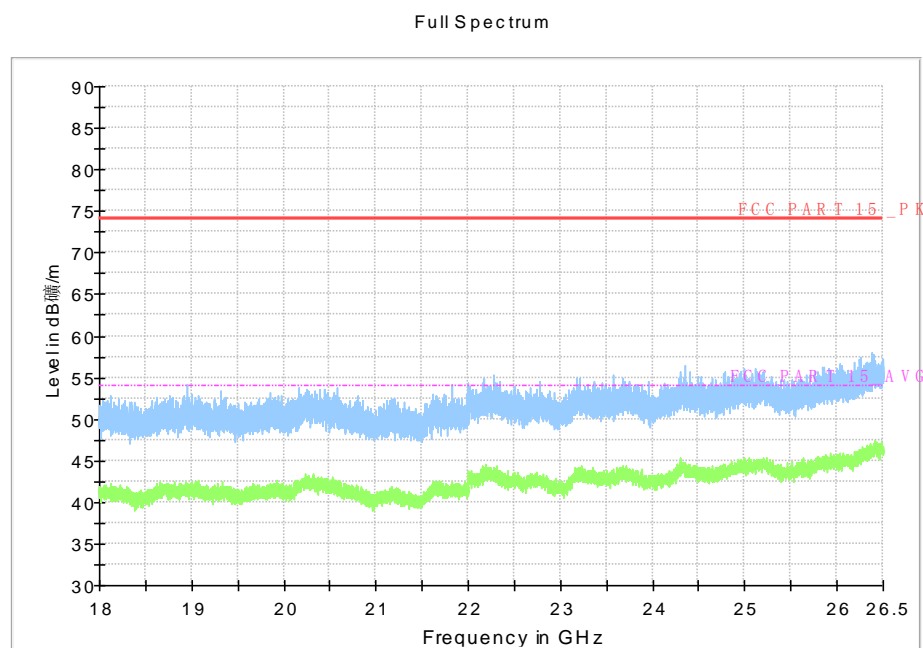


Fig.110 Radiated Spurious Emission (802.11n-40MHz, Ch6, 18 GHz-26.5 GHz)

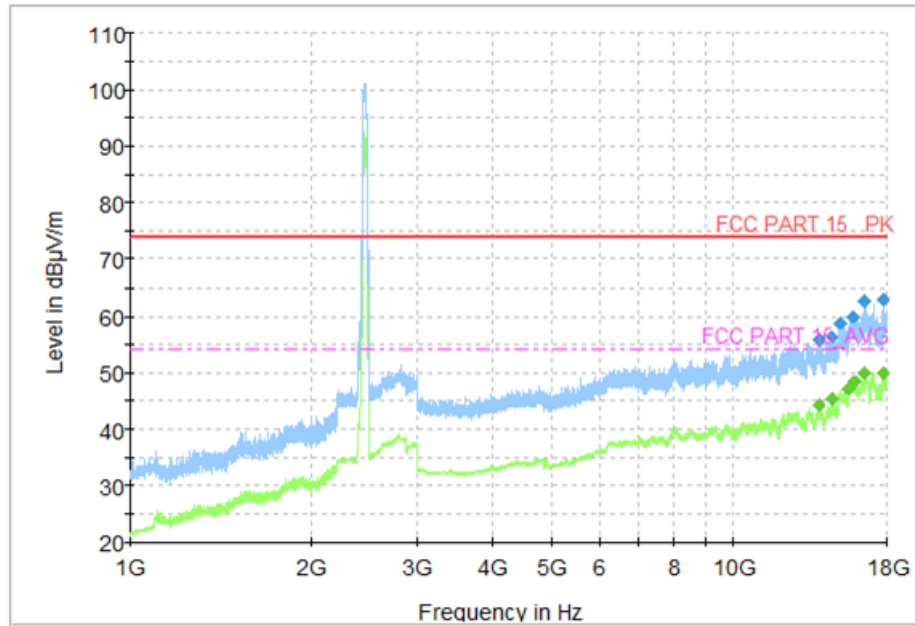


Fig.111 Radiated Spurious Emission (802.11n-40MHz, Ch9, 1 GHz-18 GHz)

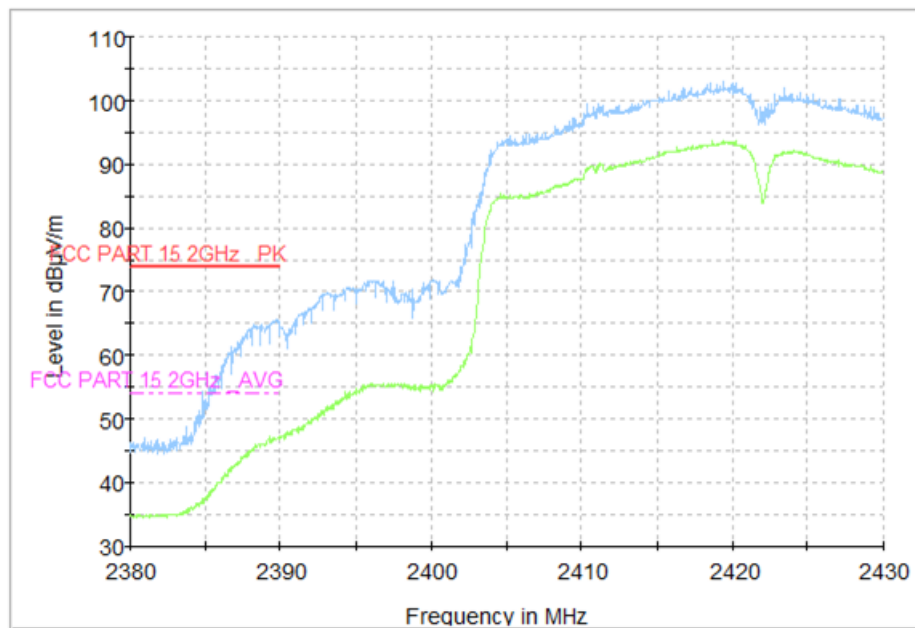


Fig.112 Radiated Emission Power (802.11n-40MHz, Ch3, 2380MHz~2450MHz)

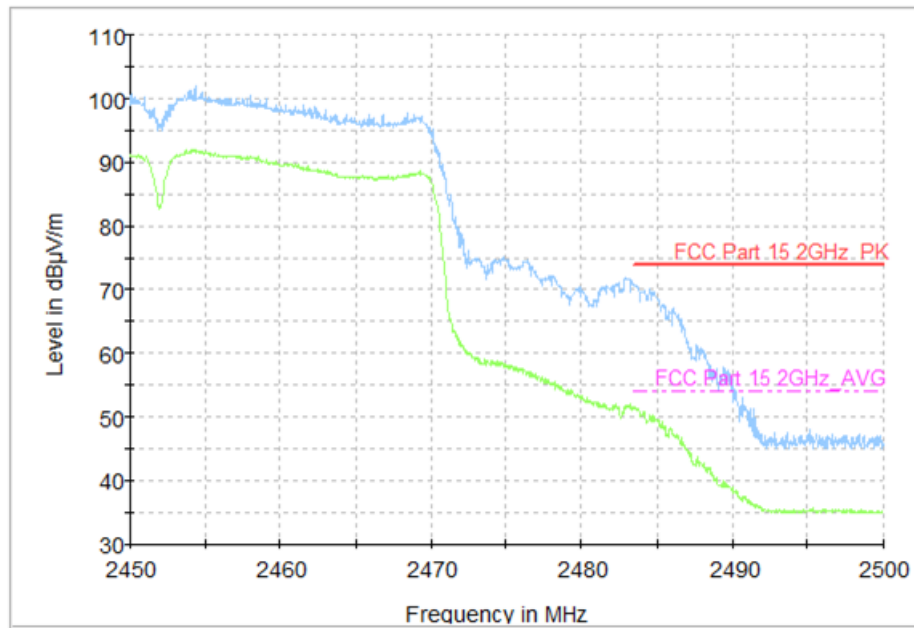


Fig.113 Radiated Emission Power (802.11n-40MHz, Ch9, 2450GHz~2500GHz)

ESH2-Z5 Scan-FCC

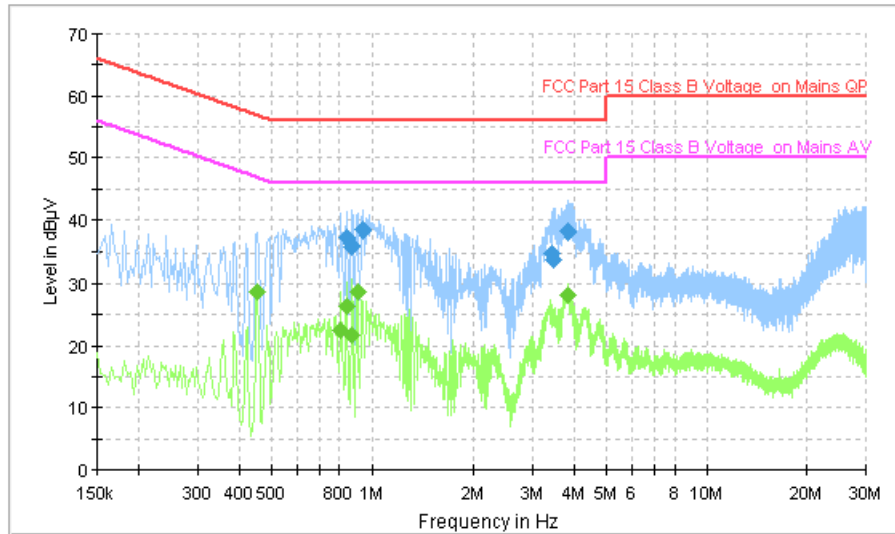


Fig.114 AC Powerline Conducted Emission (Traffic, AE1, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.838000	37.3	GND	N	9.5	18.7	56.0
0.870000	35.9	GND	N	9.6	20.1	56.0
0.942000	38.5	GND	N	9.6	17.5	56.0
3.414000	34.9	GND	N	9.6	21.1	56.0
3.470000	33.9	GND	N	9.6	22.1	56.0
3.814000	38.3	GND	N	9.6	17.7	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.454000	28.7	GND	N	9.7	18.1	46.8
0.810000	22.4	GND	N	9.6	23.6	46.0
0.842000	26.5	GND	N	9.5	19.5	46.0
0.870000	21.6	GND	N	9.6	24.4	46.0
0.906000	28.8	GND	N	9.6	17.2	46.0
3.850000	28.3	GND	N	9.6	17.7	46.0

ESH2-Z5 Scan-FCC

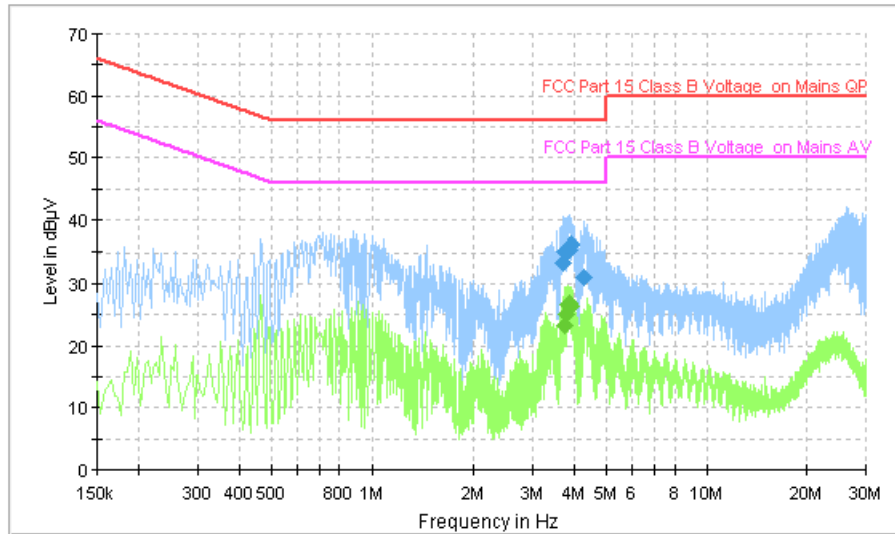


Fig.115 AC Powerline Conducted Emission (Idle, AE1, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
3.710000	33.4	GND	N	9.6	22.6	56.0
3.766000	35.2	GND	N	9.6	20.8	56.0
3.794000	35.2	GND	N	9.6	20.8	56.0
3.878000	35.5	GND	N	9.6	20.5	56.0
3.938000	36.1	GND	N	9.6	19.9	56.0
4.294000	31.1	GND	N	9.6	24.9	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
3.750000	23.2	GND	N	9.6	22.8	46.0
3.794000	25.1	GND	N	9.6	20.9	46.0
3.818000	26.5	GND	N	9.6	19.5	46.0
3.842000	26.7	GND	N	9.6	19.3	46.0
3.886000	26.9	GND	N	9.6	19.1	46.0
3.914000	26.3	GND	N	9.6	19.7	46.0

ESH2-Z5 Scan-FCC

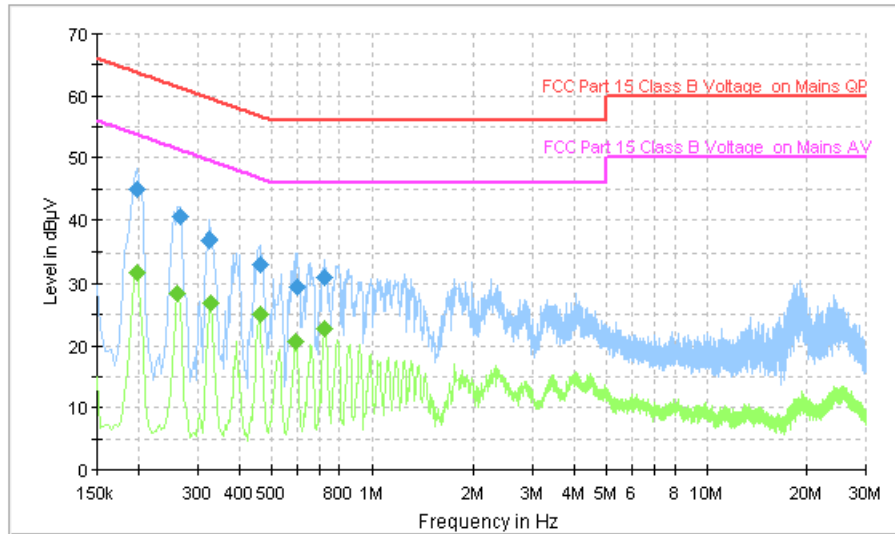


Fig.116 AC Powerline Conducted Emission (Traffic, AE2, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	45.0	GND	N	9.6	18.7	63.7
0.266000	40.6	GND	N	9.6	20.6	61.2
0.326000	36.9	GND	N	9.6	22.7	59.6
0.462000	33.2	GND	N	9.7	23.5	56.7
0.598000	29.4	GND	N	9.6	26.6	56.0
0.722000	30.9	GND	N	9.5	25.1	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	31.8	GND	N	9.6	21.9	53.7
0.262000	28.3	GND	N	9.6	23.0	51.4
0.330000	26.9	GND	N	9.6	22.5	49.5
0.462000	25.1	GND	N	9.7	21.6	46.7
0.594000	20.7	GND	N	9.6	25.3	46.0
0.722000	22.7	GND	N	9.5	23.3	46.0

ESH2-Z5 Scan-FCC

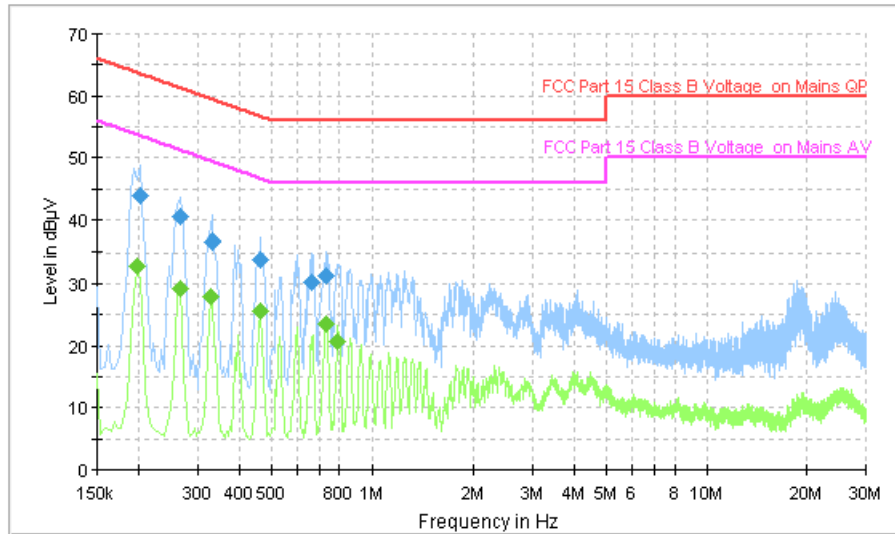


Fig.117 AC Powerline Conducted Emission (Idle, AE2, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.202000	43.9	GND	N	9.6	19.6	63.5
0.266000	40.6	GND	N	9.6	20.6	61.2
0.334000	36.8	GND	N	9.6	22.6	59.4
0.466000	33.7	GND	N	9.7	22.9	56.6
0.658000	30.3	GND	N	9.6	25.7	56.0
0.730000	31.1	GND	N	9.5	24.9	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	32.9	GND	N	9.6	20.8	53.7
0.266000	29.2	GND	N	9.6	22.1	51.2
0.330000	27.9	GND	N	9.6	21.6	49.5
0.462000	25.5	GND	N	9.7	21.2	46.7
0.730000	23.5	GND	N	9.5	22.5	46.0
0.790000	20.5	GND	N	9.6	25.5	46.0

ESH2-Z5 Scan-FCC

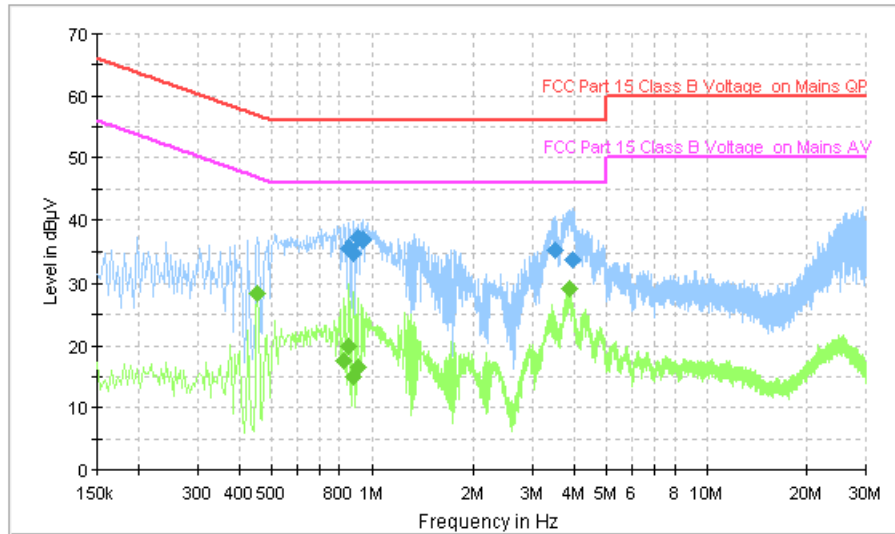


Fig.118 AC Powerline Conducted Emission (Traffic, AE1, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.854000	35.7	GND	N	9.5	20.3	56.0
0.882000	34.9	GND	N	9.6	21.1	56.0
0.910000	37.2	GND	N	9.6	18.8	56.0
0.942000	37.0	GND	N	9.6	19.0	56.0
3.526000	35.3	GND	N	9.6	20.7	56.0
3.954000	33.9	GND	N	9.6	22.1	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.454000	28.3	GND	N	9.7	18.5	46.8
0.826000	17.6	GND	N	9.5	28.4	46.0
0.854000	19.8	GND	N	9.5	26.2	46.0
0.878000	15.0	GND	N	9.6	31.0	46.0
0.906000	16.5	GND	N	9.6	29.5	46.0
3.862000	29.2	GND	N	9.6	16.8	46.0

ESH2-Z5 Scan-FCC

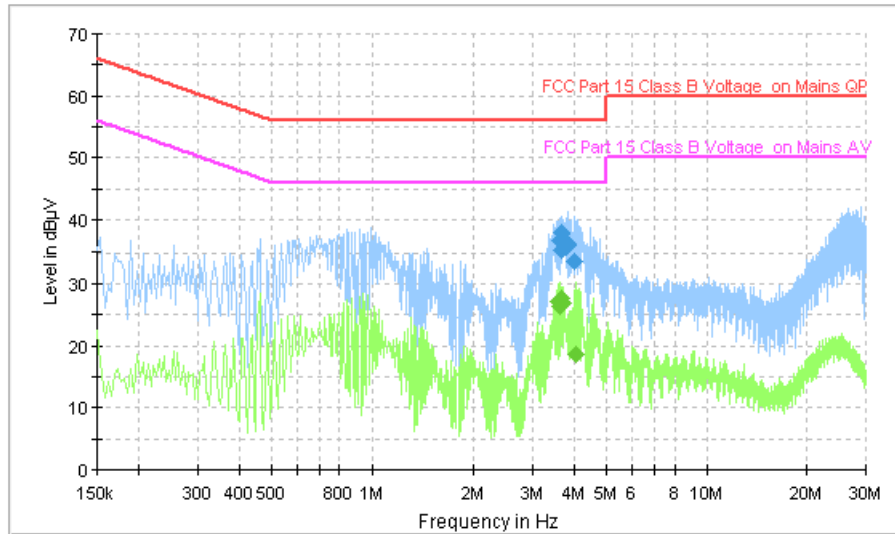


Fig.119 AC Powerline Conducted Emission (Idle, AE1, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
3.614000	37.0	GND	N	9.6	19.0	56.0
3.666000	38.0	GND	N	9.6	18.0	56.0
3.686000	35.4	GND	N	9.6	20.6	56.0
3.774000	35.9	GND	N	9.6	20.1	56.0
3.838000	36.1	GND	N	9.6	19.9	56.0
3.994000	33.6	GND	N	9.6	22.4	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
3.590000	27.2	GND	N	9.6	18.8	46.0
3.614000	26.3	GND	N	9.6	19.7	46.0
3.638000	26.3	GND	N	9.6	19.8	46.0
3.666000	27.7	GND	N	9.6	18.3	46.0
3.690000	26.9	GND	N	9.6	19.1	46.0
4.050000	18.6	GND	N	9.6	27.4	46.0

ESH2-Z5 Scan-FCC

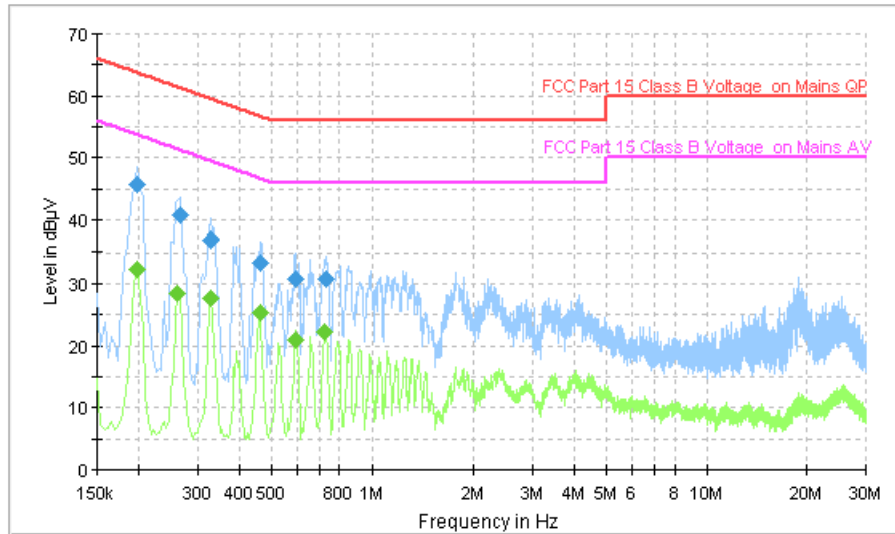


Fig.120 AC Powerline Conducted Emission (Traffic, AE2, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	45.7	GND	N	9.6	18.0	63.7
0.266000	40.8	GND	N	9.6	20.4	61.2
0.330000	37.0	GND	N	9.6	22.4	59.5
0.462000	33.4	GND	N	9.7	23.3	56.7
0.594000	30.8	GND	N	9.6	25.2	56.0
0.730000	30.7	GND	N	9.5	25.3	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	32.4	GND	N	9.6	21.3	53.7
0.262000	28.4	GND	N	9.6	23.0	51.4
0.330000	27.7	GND	N	9.6	21.7	49.5
0.462000	25.3	GND	N	9.7	21.4	46.7
0.594000	21.0	GND	N	9.6	25.0	46.0
0.722000	22.2	GND	N	9.5	23.8	46.0

ESH2-Z5 Scan-FCC

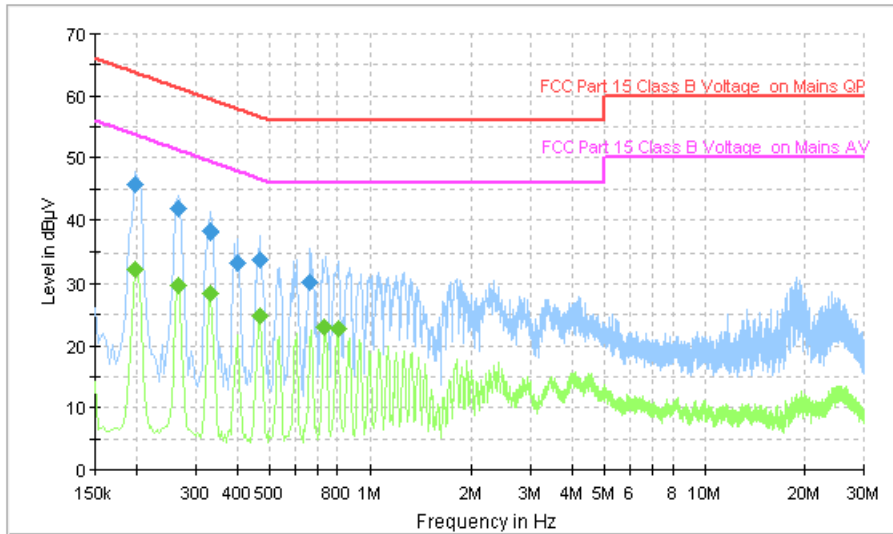


Fig.121 AC Powerline Conducted Emission (Idle, AE2, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	45.7	GND	N	9.6	18.0	63.7
0.266000	41.9	GND	N	9.6	19.4	61.2
0.334000	38.3	GND	N	9.6	21.1	59.4
0.402000	33.4	GND	N	9.6	24.5	57.8
0.470000	33.9	GND	N	9.7	22.6	56.5
0.662000	30.2	GND	N	9.5	25.8	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	32.4	GND	N	9.6	21.3	53.7
0.266000	29.8	GND	N	9.6	21.4	51.2
0.334000	28.5	GND	N	9.6	20.9	49.4
0.470000	24.7	GND	N	9.7	21.8	46.5
0.730000	23.0	GND	N	9.5	23.0	46.0
0.802000	22.8	GND	N	9.6	23.2	46.0

ANNEX C: Persons involved in this testing

Test Name	Tester
Maximum Peak Output Power	Lin Kanfeng, Tang Weisheng
Peak Power Spectral Density	Lin Kanfeng, Tang Weisheng
Occupied 6dB Bandwidth	Lin Kanfeng, Tang Weisheng
Band Edges Compliance	Lin Kanfeng, Tang Weisheng
Transmitter Spurious Emission - Conducted	Lin Kanfeng, Tang Weisheng
Transmitter Spurious Emission - Radiated	Lin Kanfeng, Tang Weisheng
AC Powerline Conducted Emission	Lin Kanfeng, Tang Weisheng

END OF REPORT