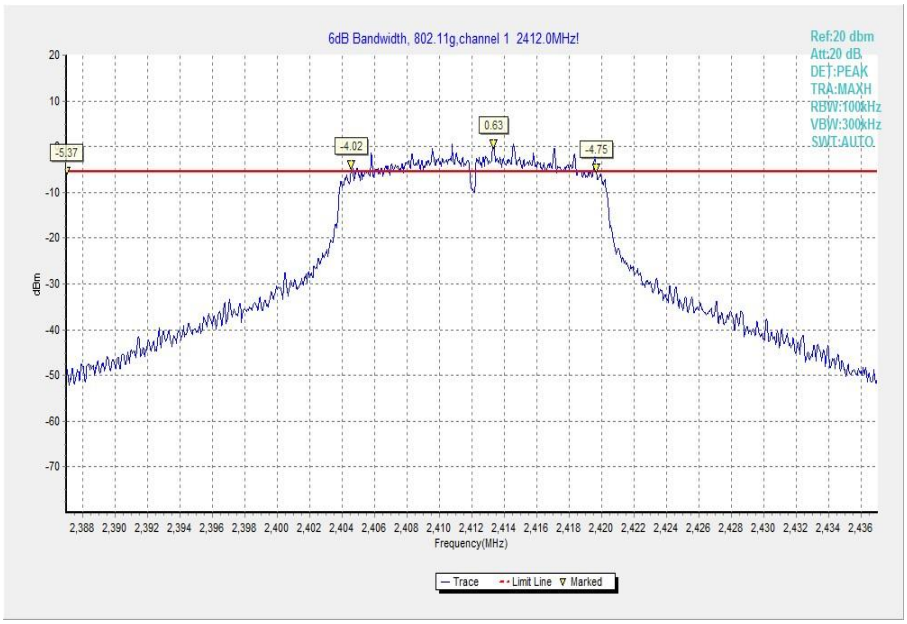


Fig.73 Occupied 6dB Bandwidth (802.11g, Ch 1)

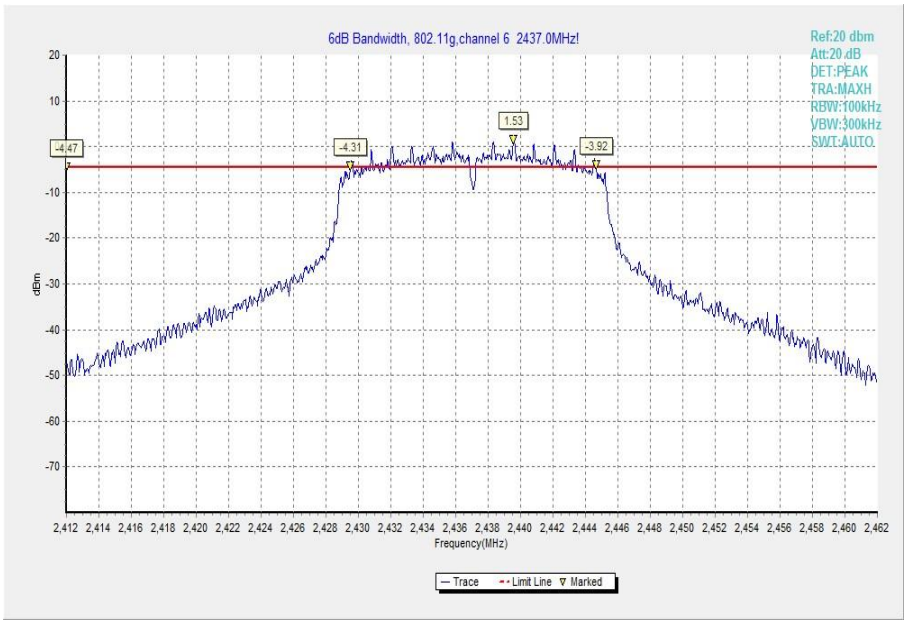


Fig.74 Occupied 6dB Bandwidth (802.11g, Ch 6)

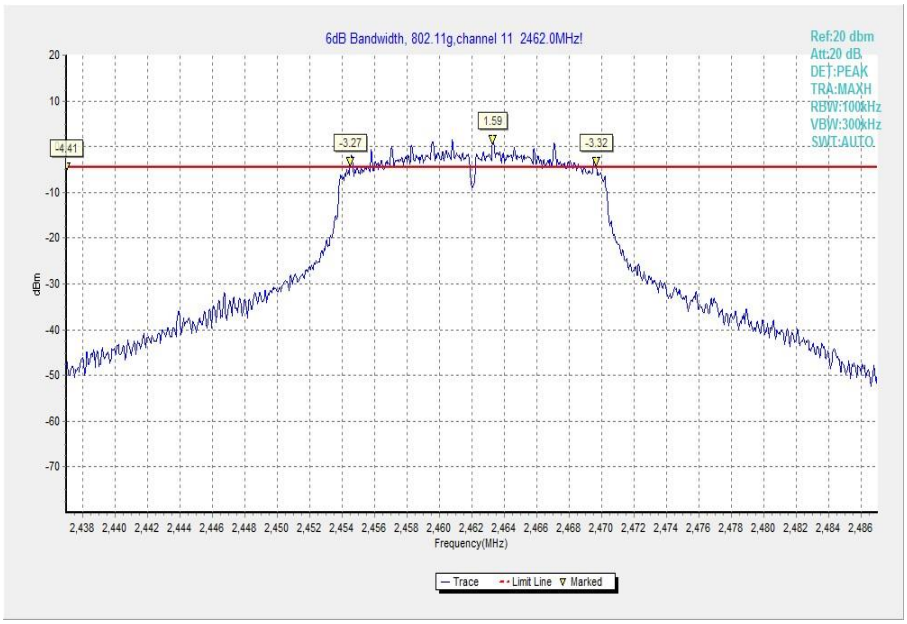


Fig.75 Occupied 6dB Bandwidth (802.11g, Ch 11)

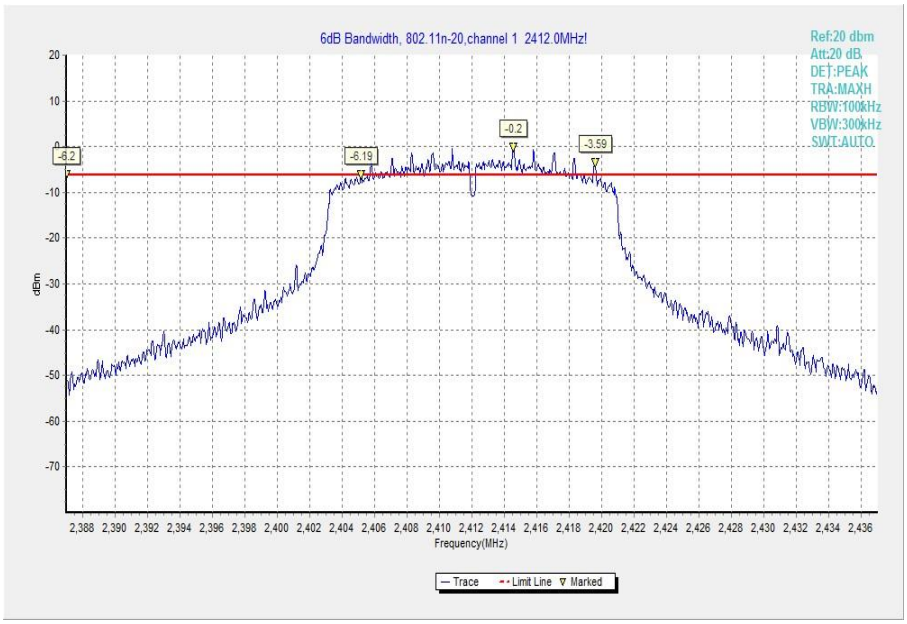


Fig.76 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 1)

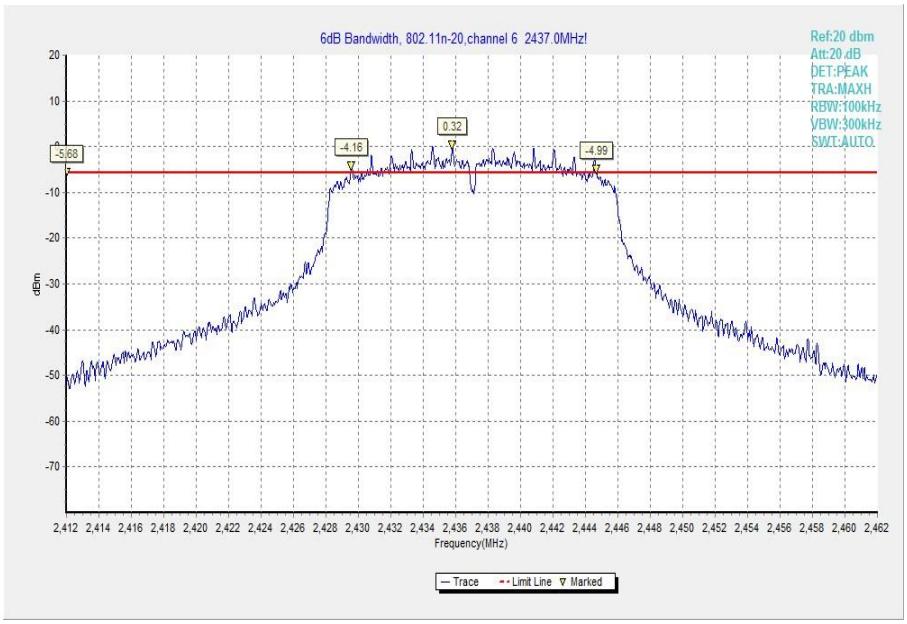


Fig.77 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 6)

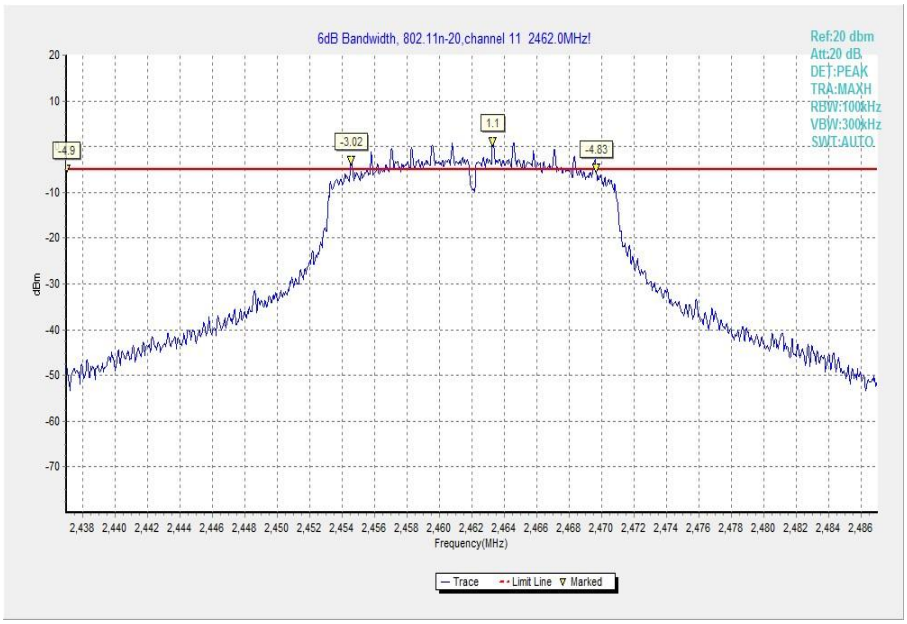


Fig.78 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 11)

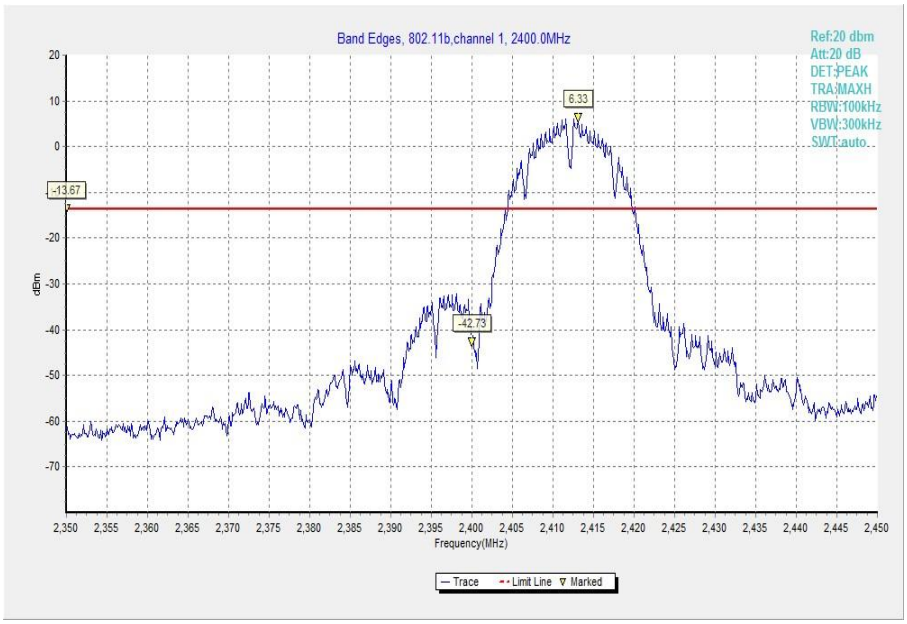


Fig.79 Band Edges (802.11b, Ch 1)

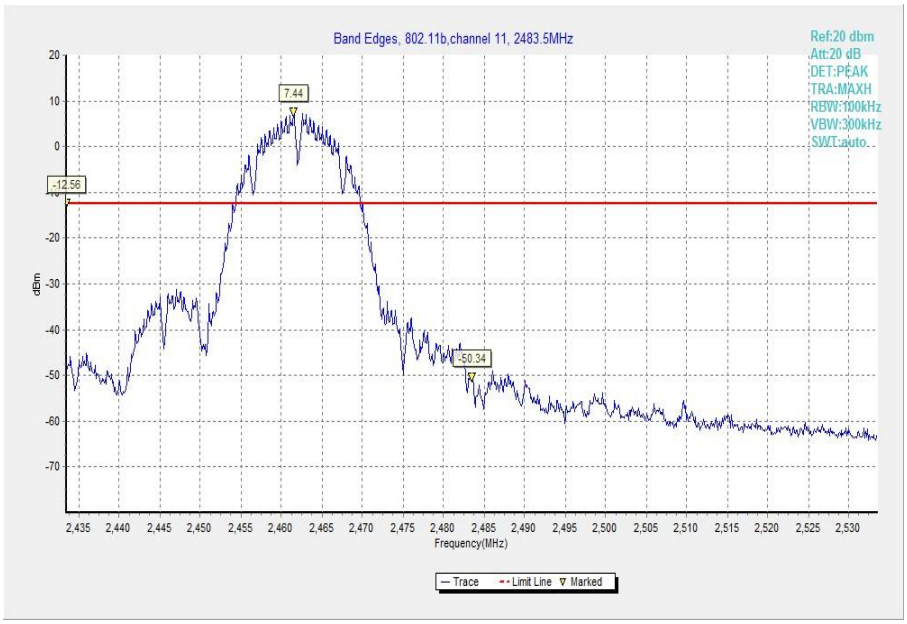


Fig.80 Band Edges (802.11b, Ch 11)

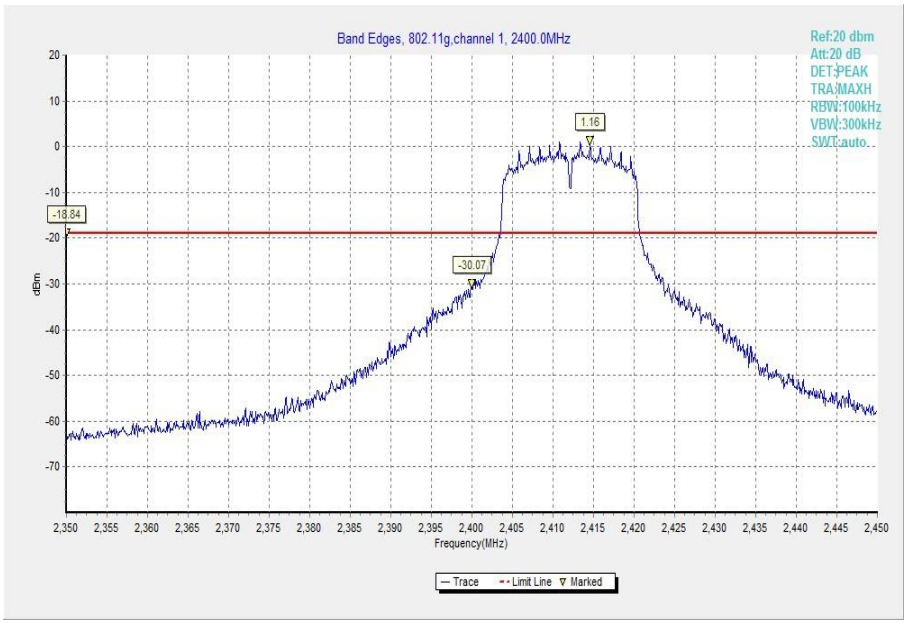


Fig.81 Band Edges (802.11g, Ch 1)

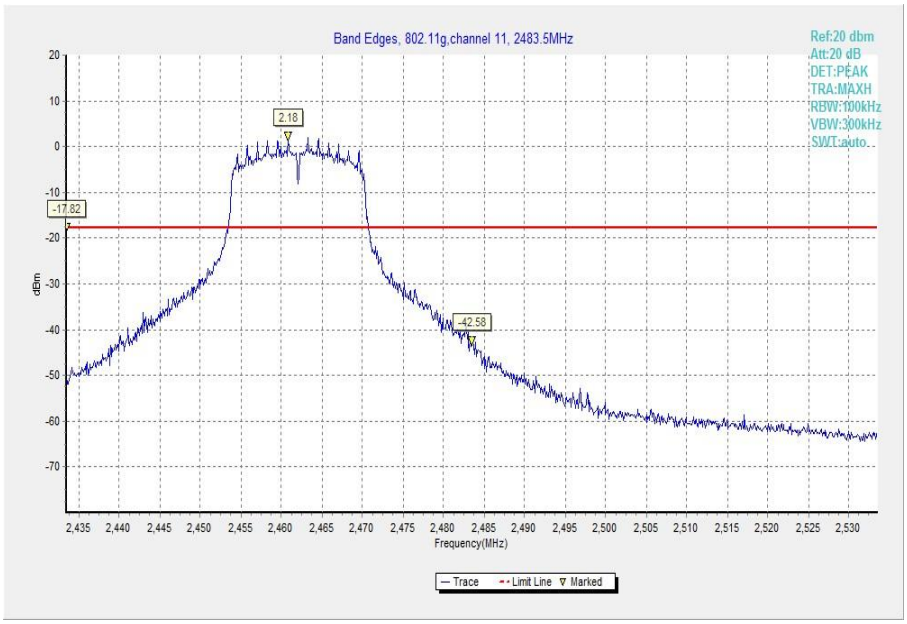


Fig.82 Band Edges (802.11g, Ch 11)

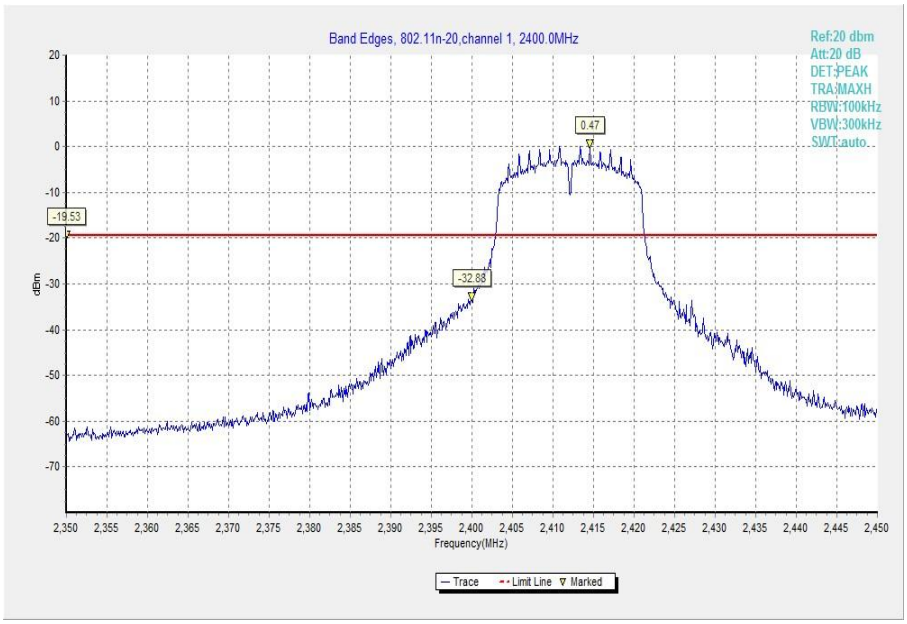


Fig.83 Band Edges (802.11 n-20MHz, Ch 1)

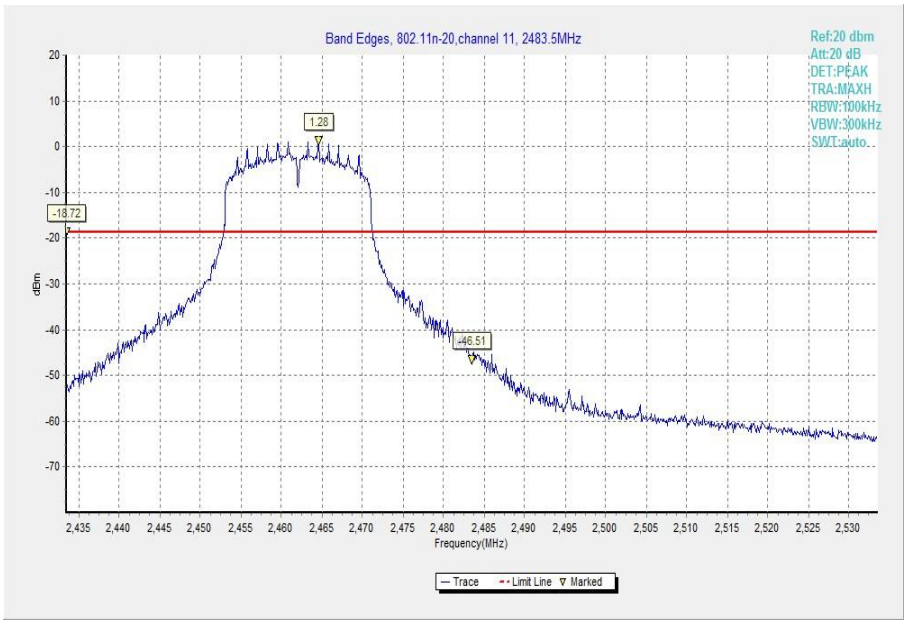


Fig.84 Band Edges (802.11 n-20MHz, Ch 11)

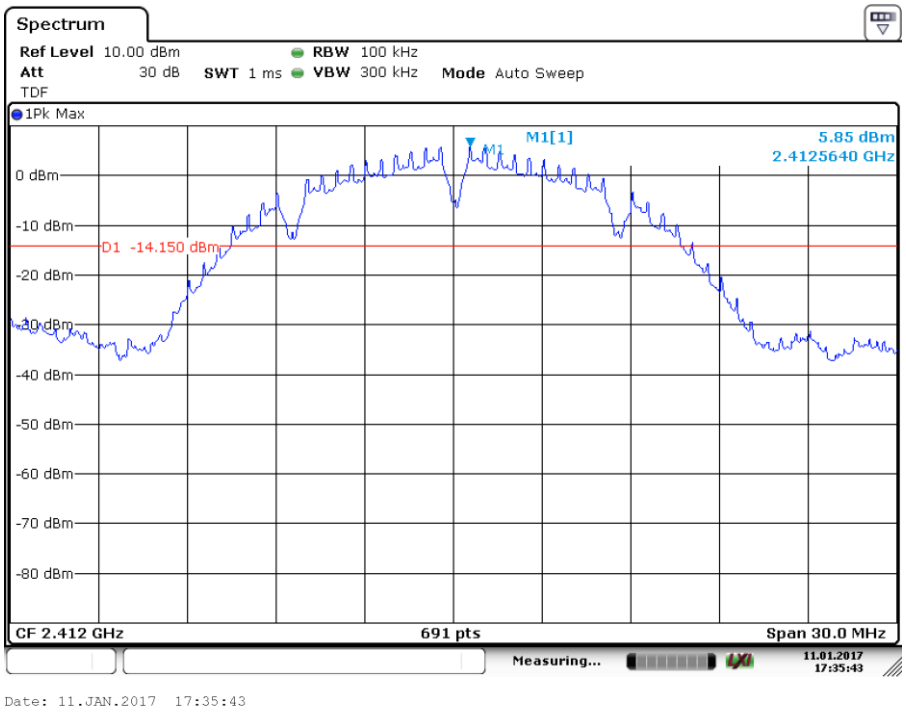


Fig.85 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)

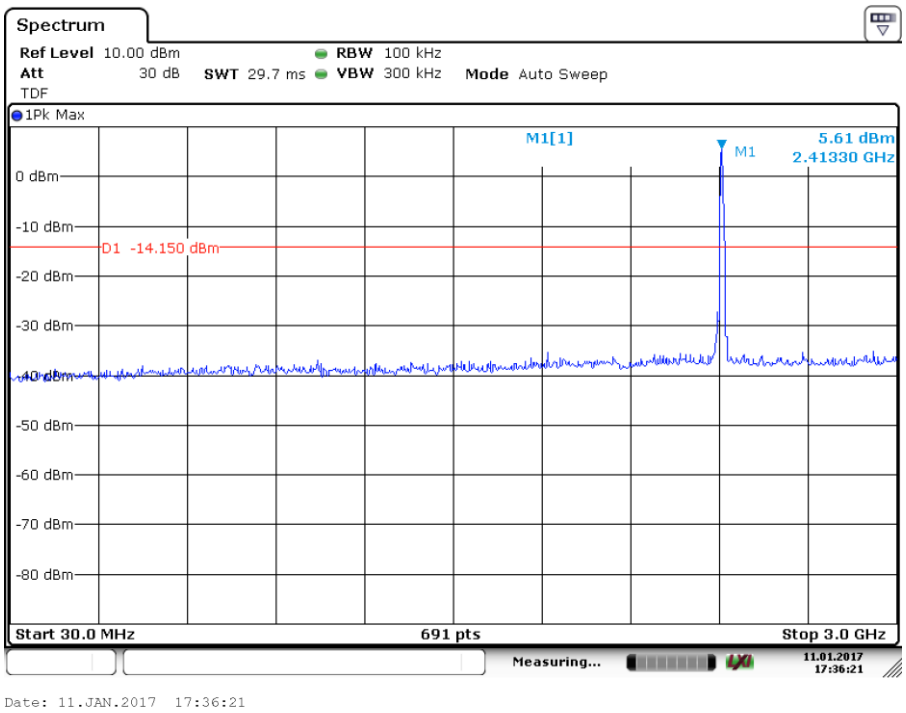


Fig.86 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-3 GHz)

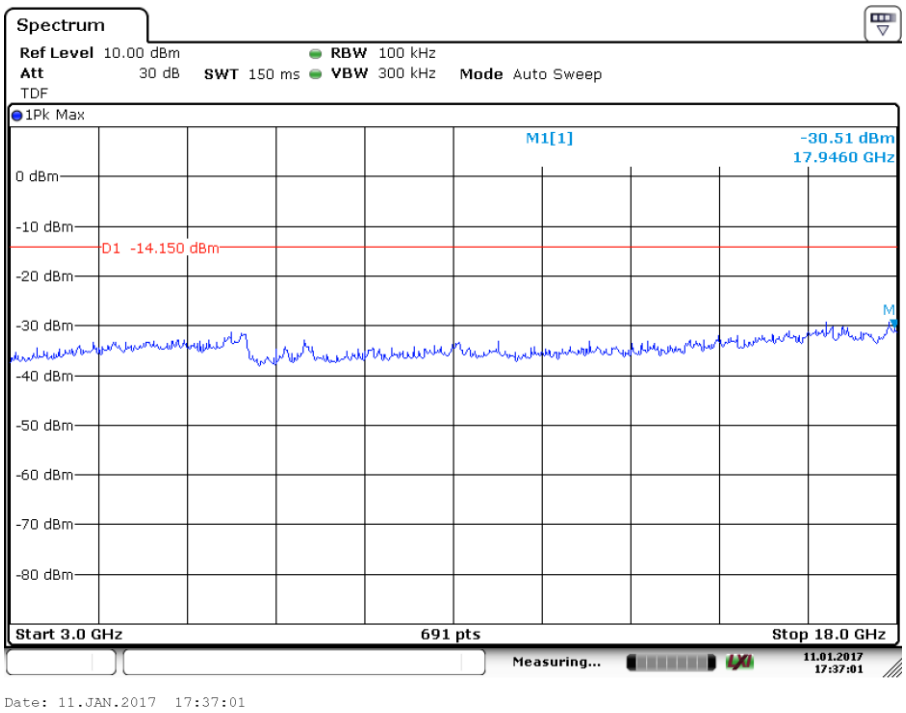


Fig.87 Conducted Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

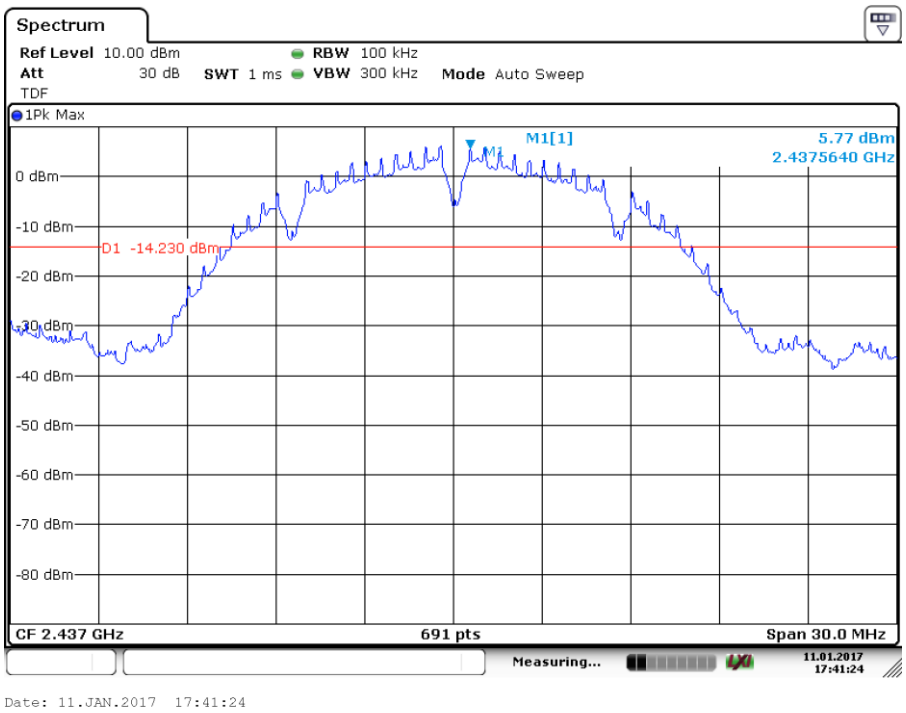


Fig.88 Conducted Spurious Emission (802.11b, Ch6, Center Frequency)

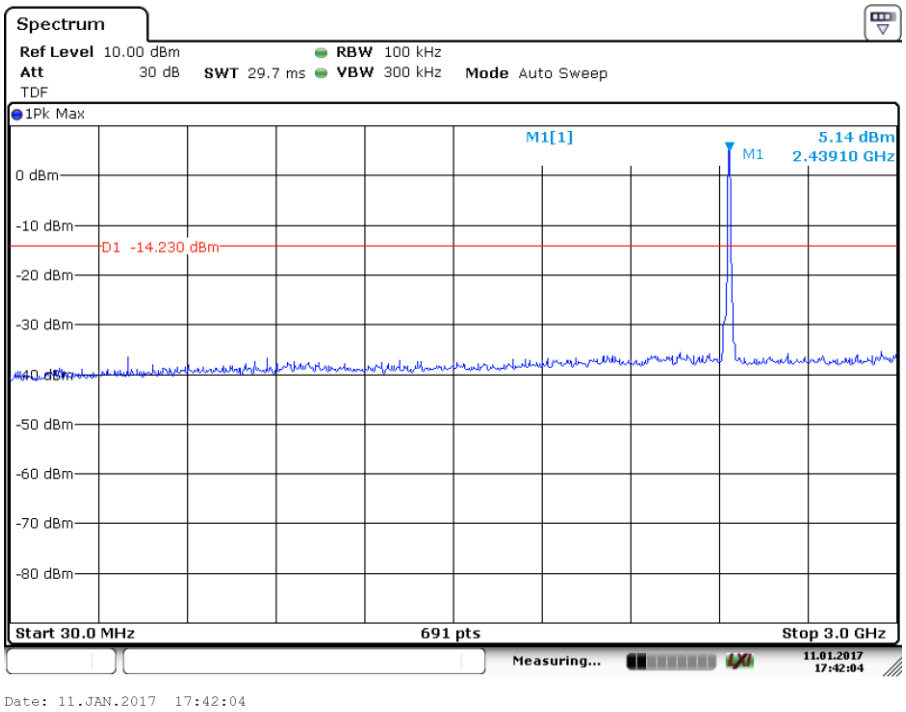


Fig.89 Conducted Spurious Emission (802.11b, Ch6, 30 MHz-3 GHz)

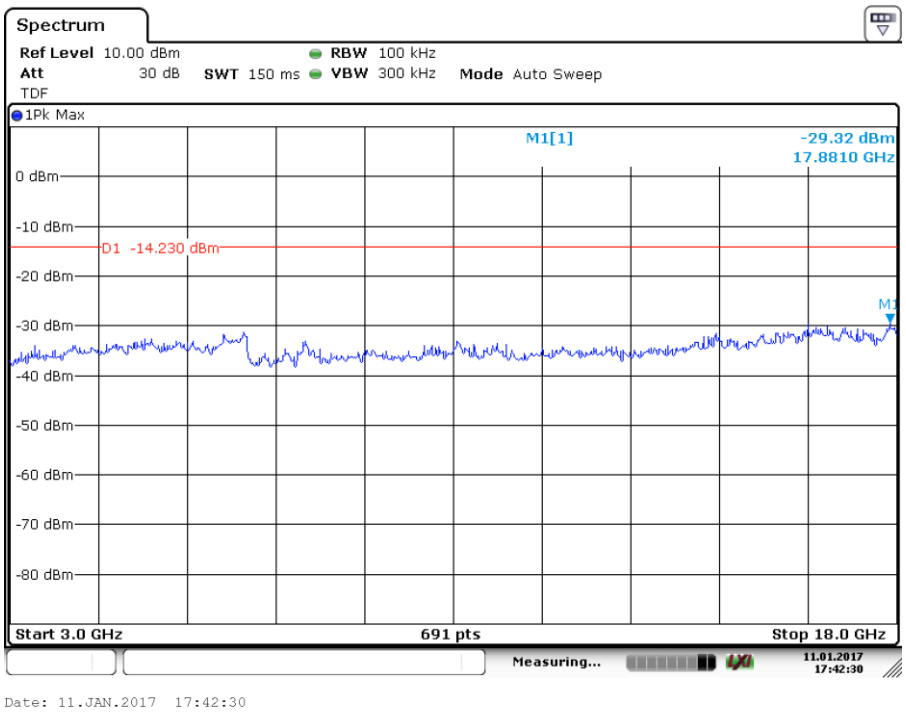


Fig.90 Conducted Spurious Emission (802.11b, Ch6, 3 GHz-18 GHz)

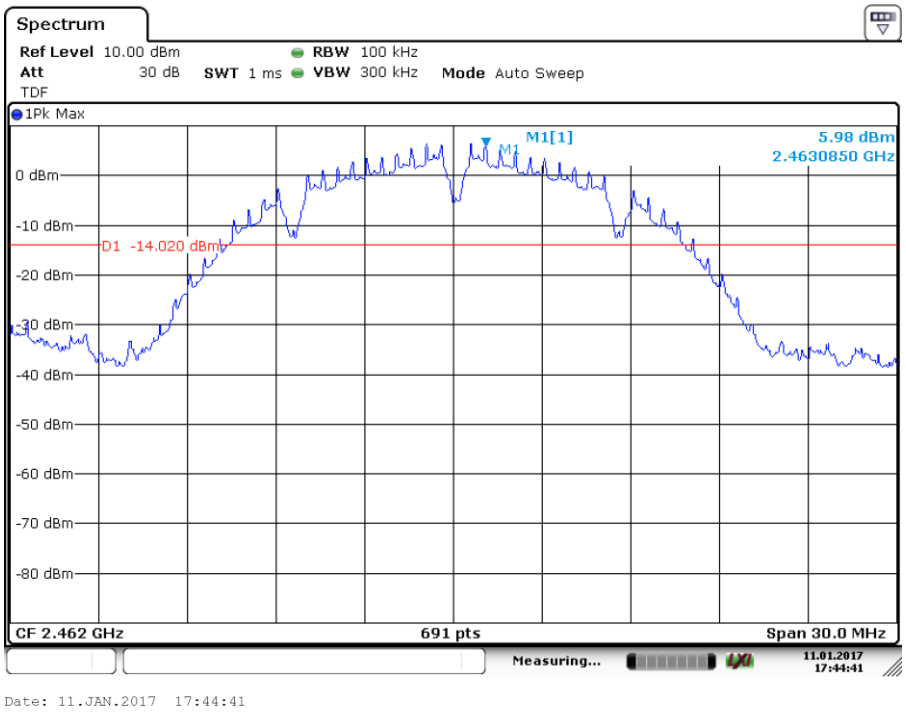


Fig.91 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)

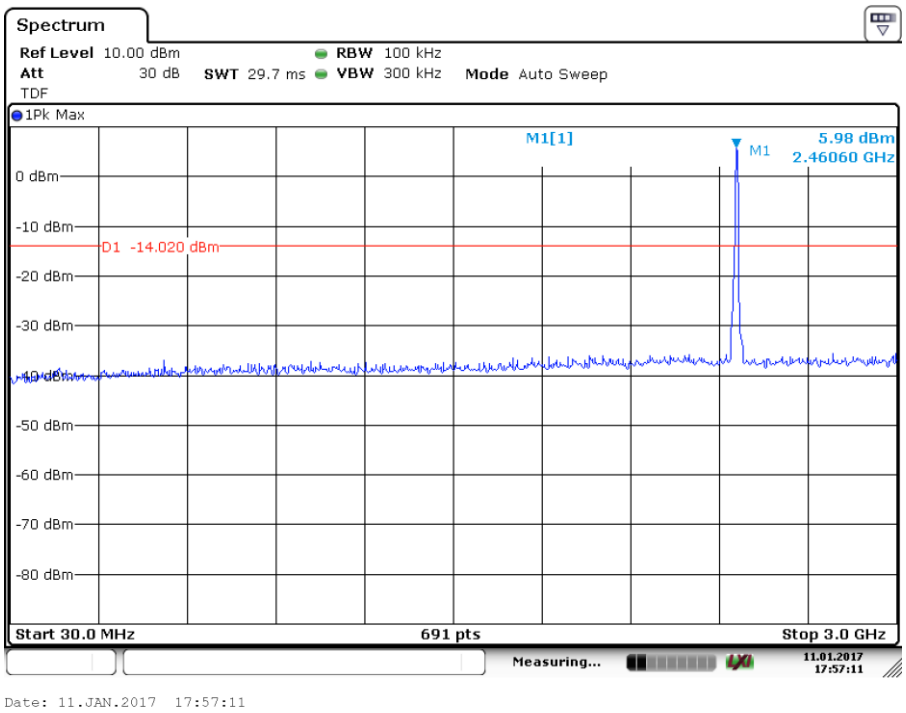
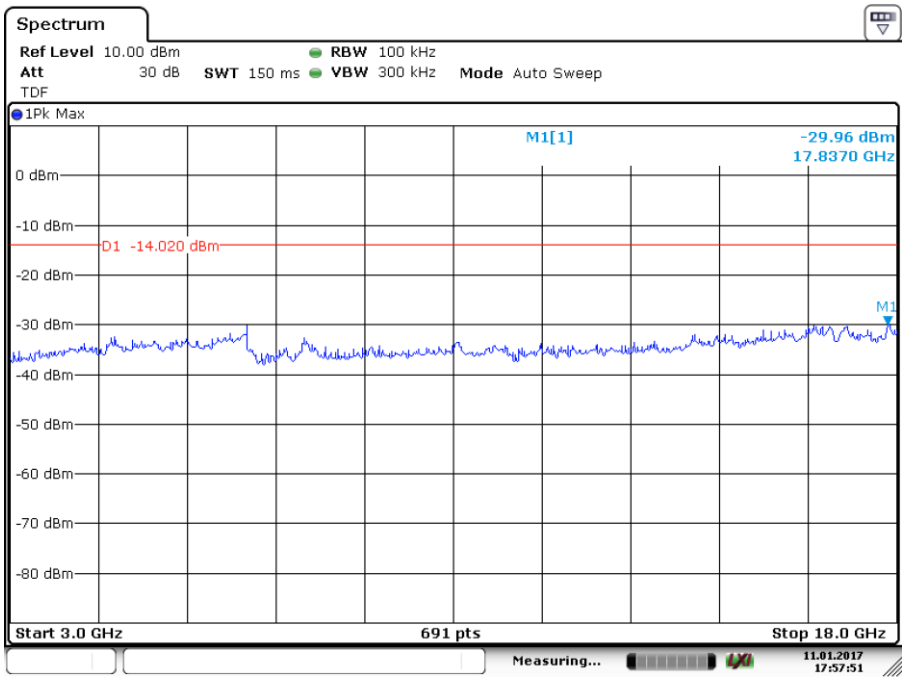


Fig.92 Conducted Spurious Emission (802.11b, Ch11, 30 MHz-3 GHz)



Date: 11.JAN.2017 17:57:51

Fig.93 Conducted Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)

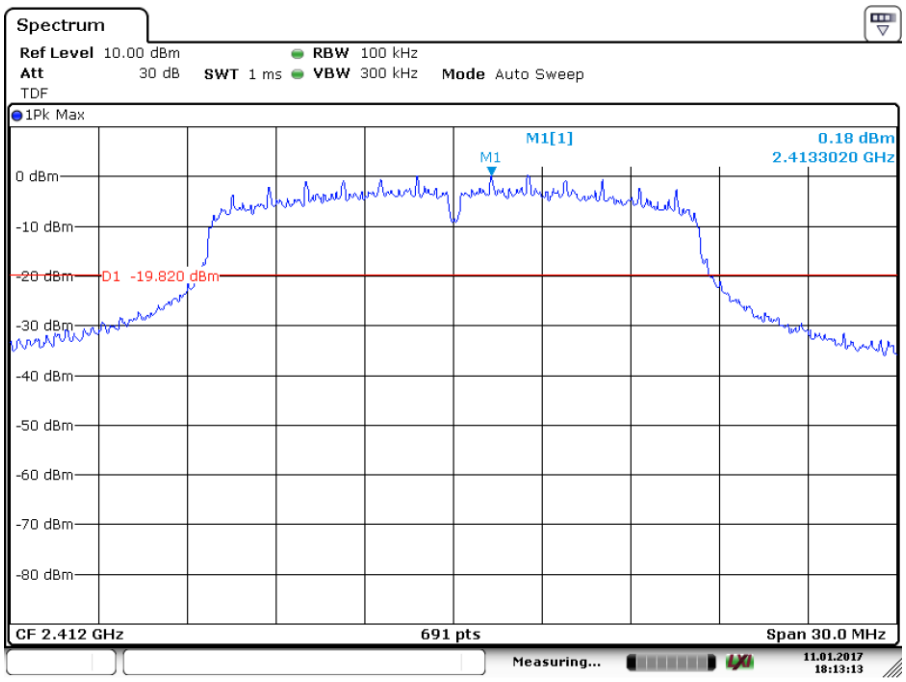


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Fig.94 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)

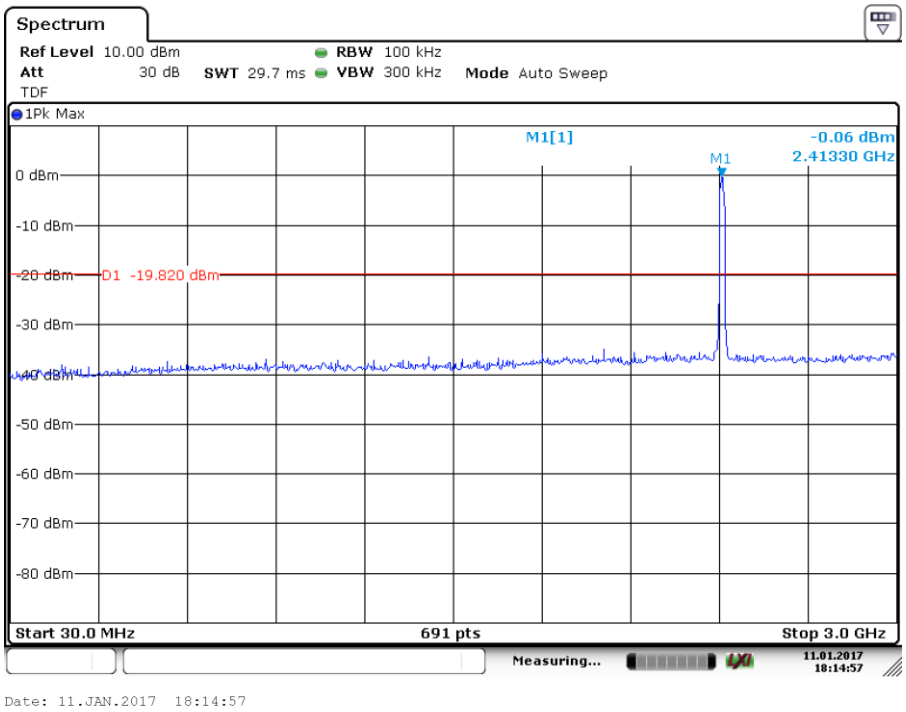

Fig.95 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-3 GHz)

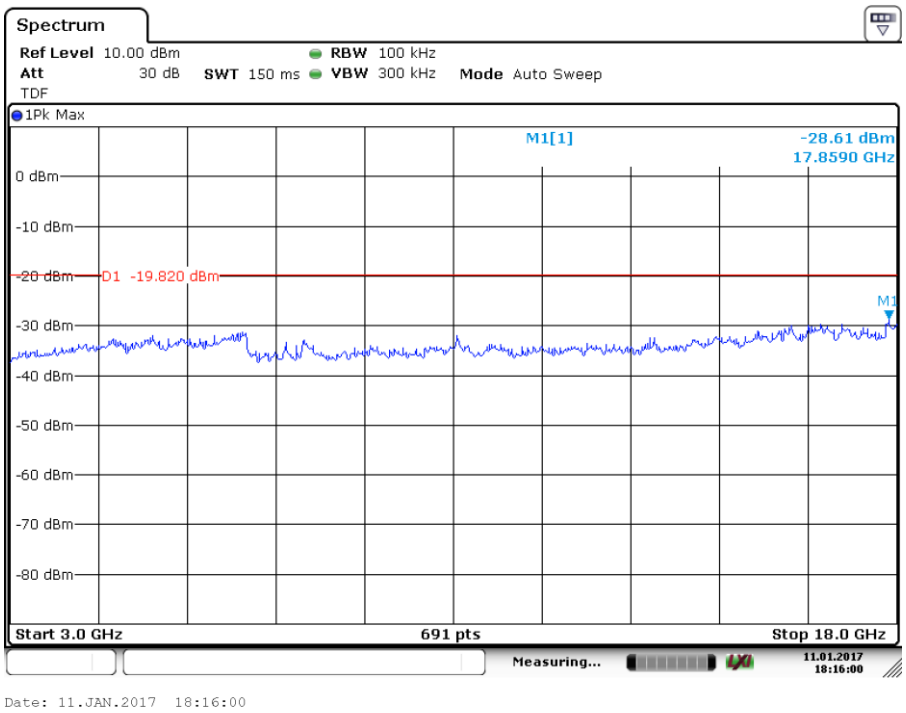

Fig.96 Conducted Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

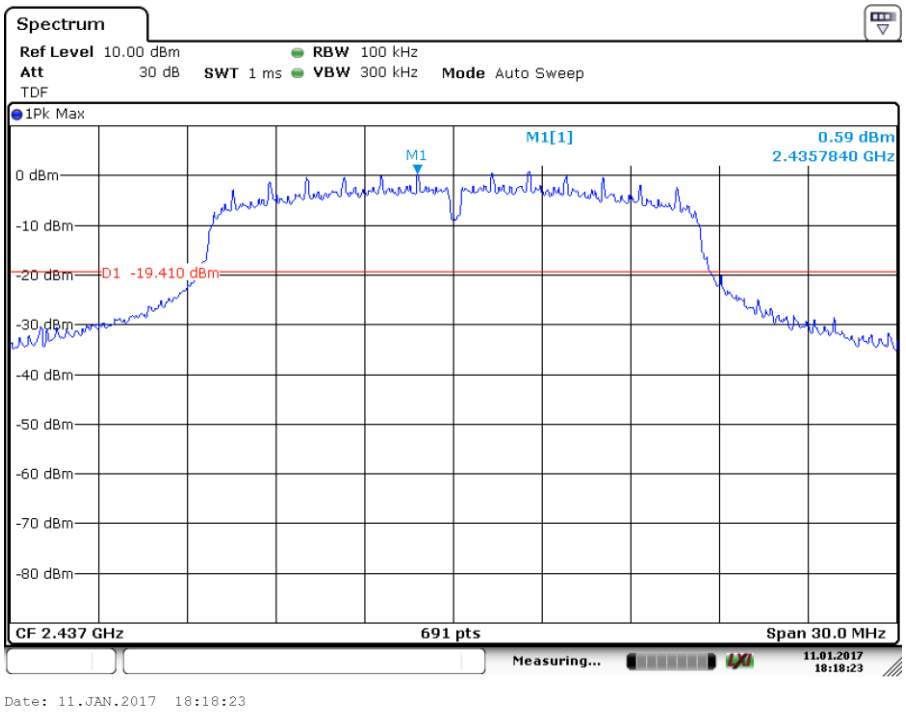

Fig.97 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)

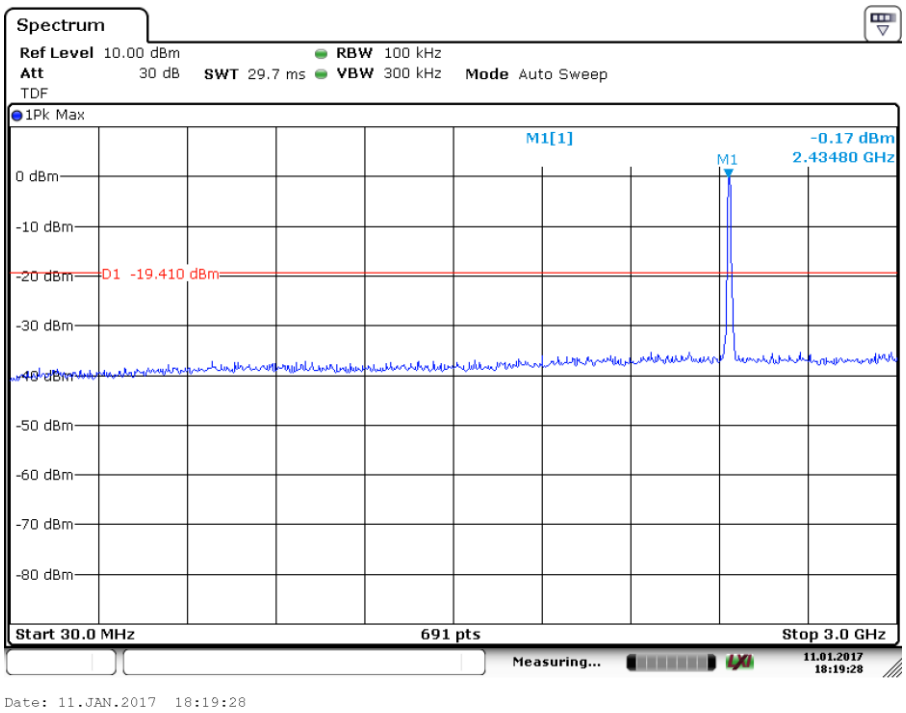

Fig.98 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-3 GHz)

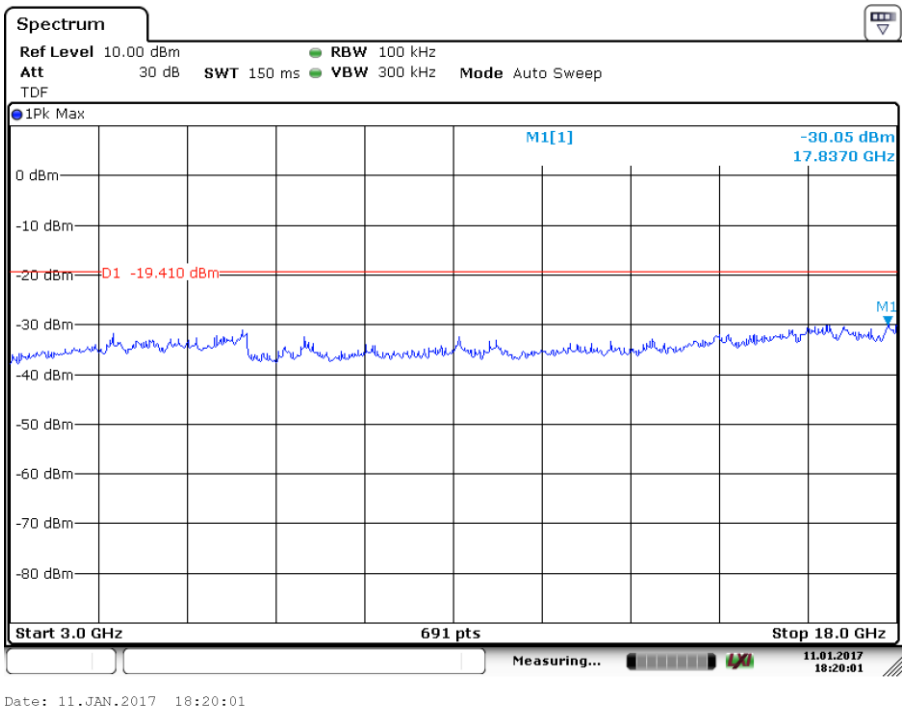

Fig.99 Conducted Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

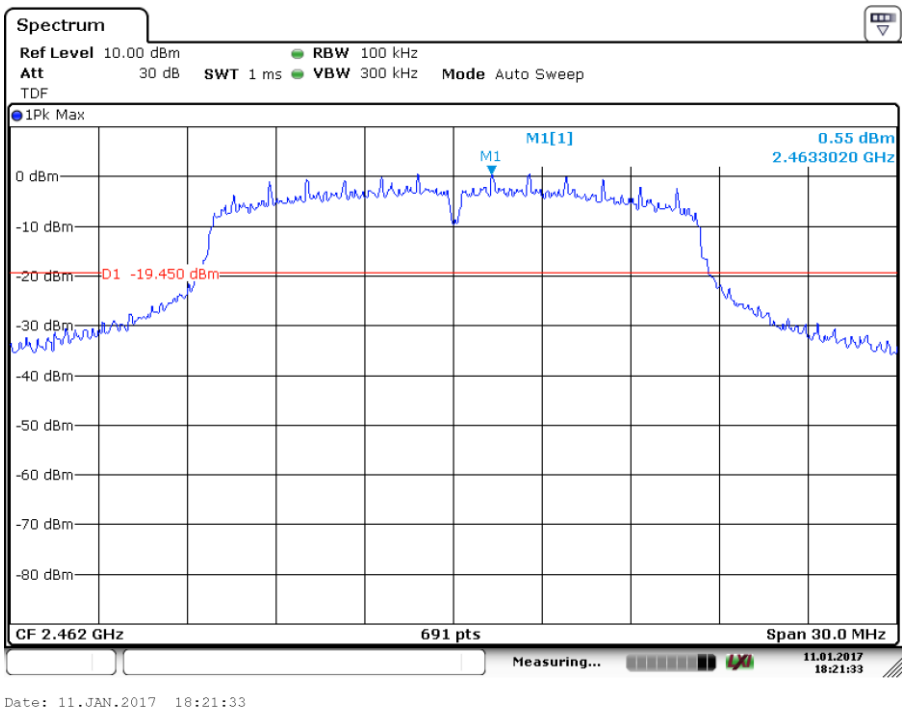

Fig.100 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

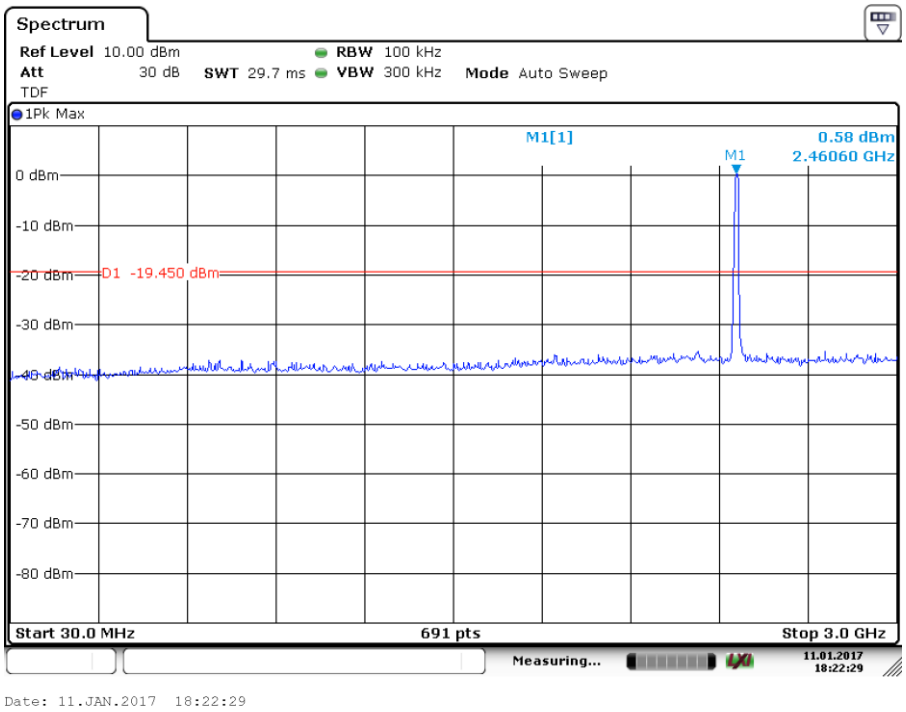

Fig.101 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-3 GHz)

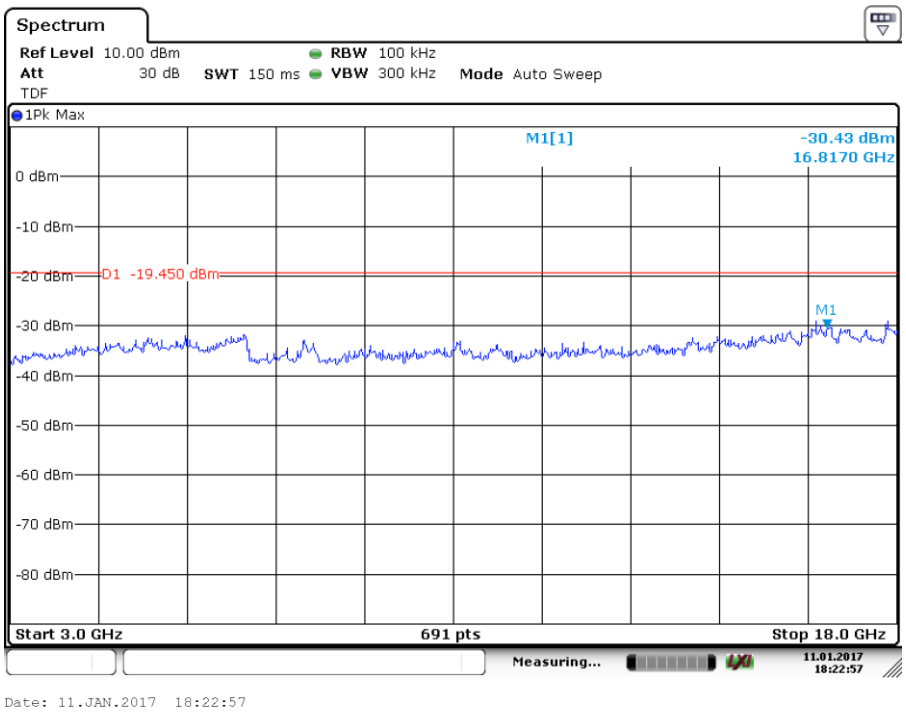

Fig.102 Conducted Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

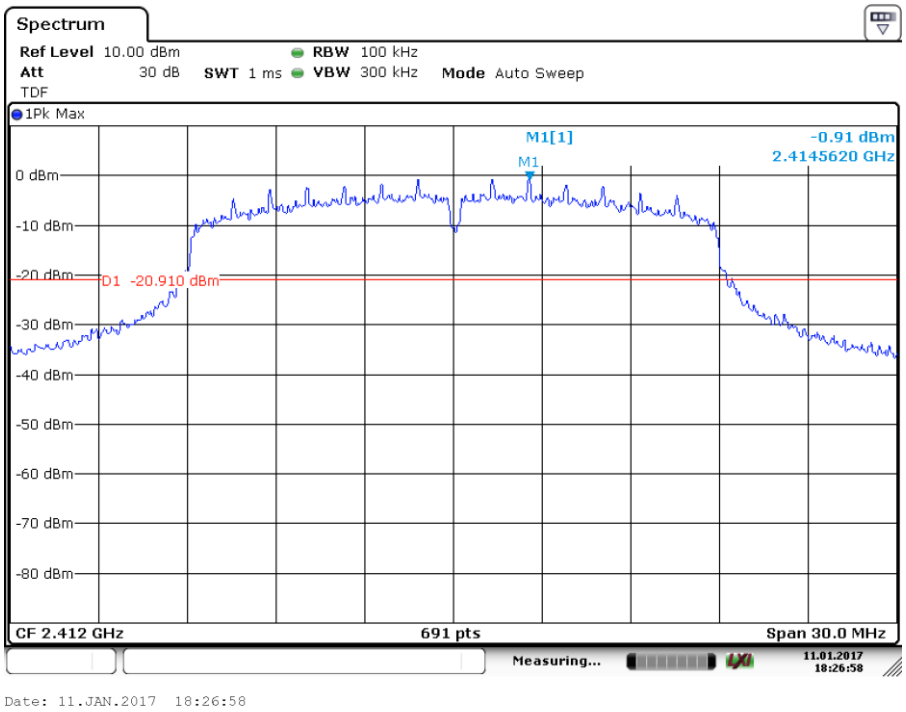

Fig.103 Conducted Spurious Emission (802.11n-20MHz, Ch1, Center Frequency)

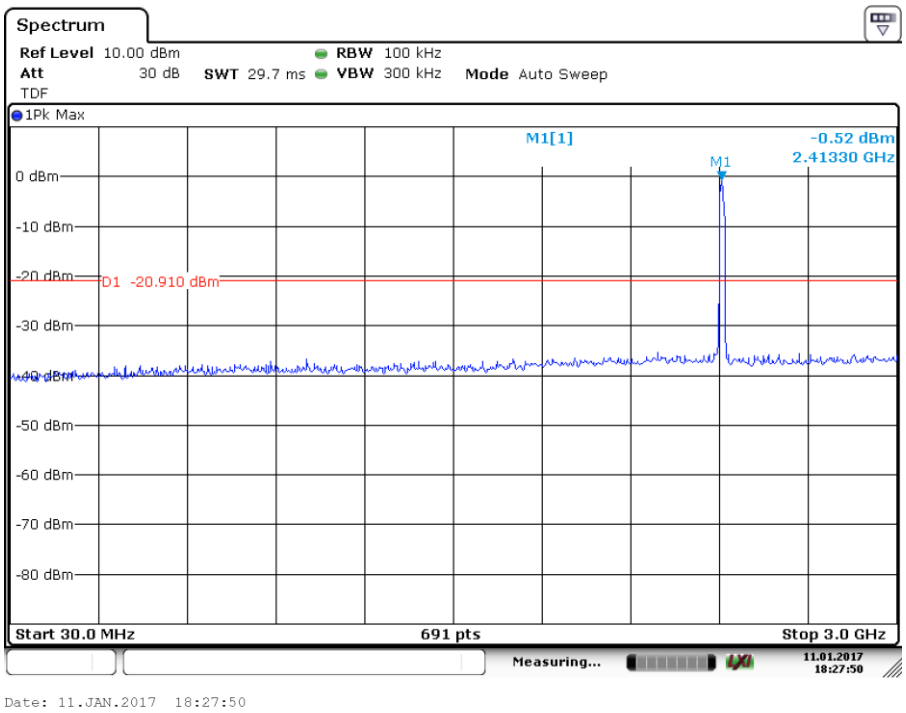

Fig.104 Conducted Spurious Emission (802.11n-20MHz, Ch1, 30 MHz-3 GHz)

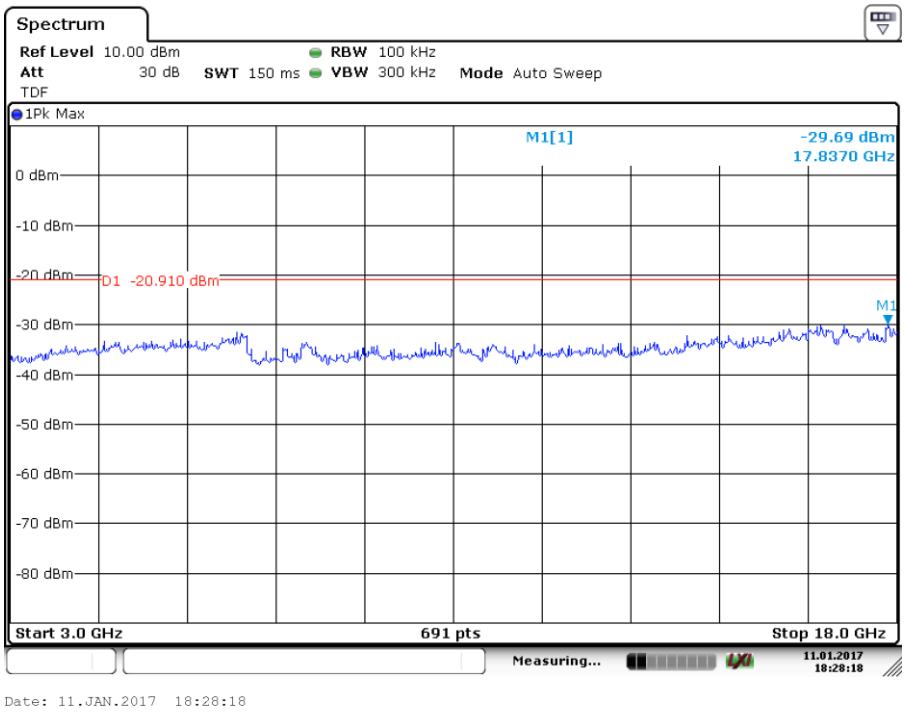

Fig.105 Conducted Spurious Emission (802.11n-20MHz, Ch1, 3 GHz-18 GHz)

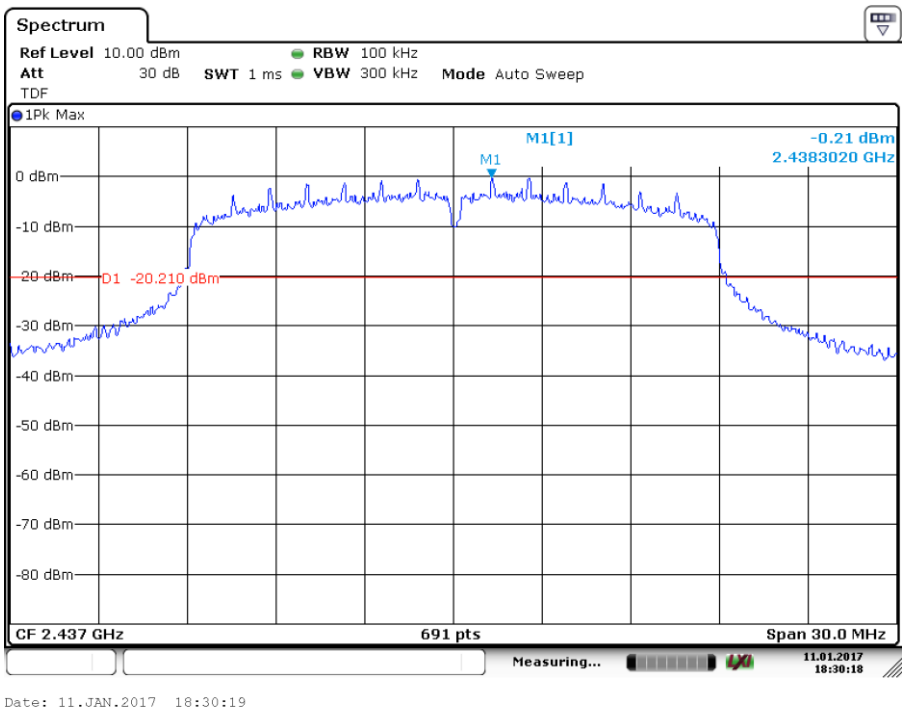

Fig.106 Conducted Spurious Emission (802.11n-20MHz, Ch6, Center Frequency)

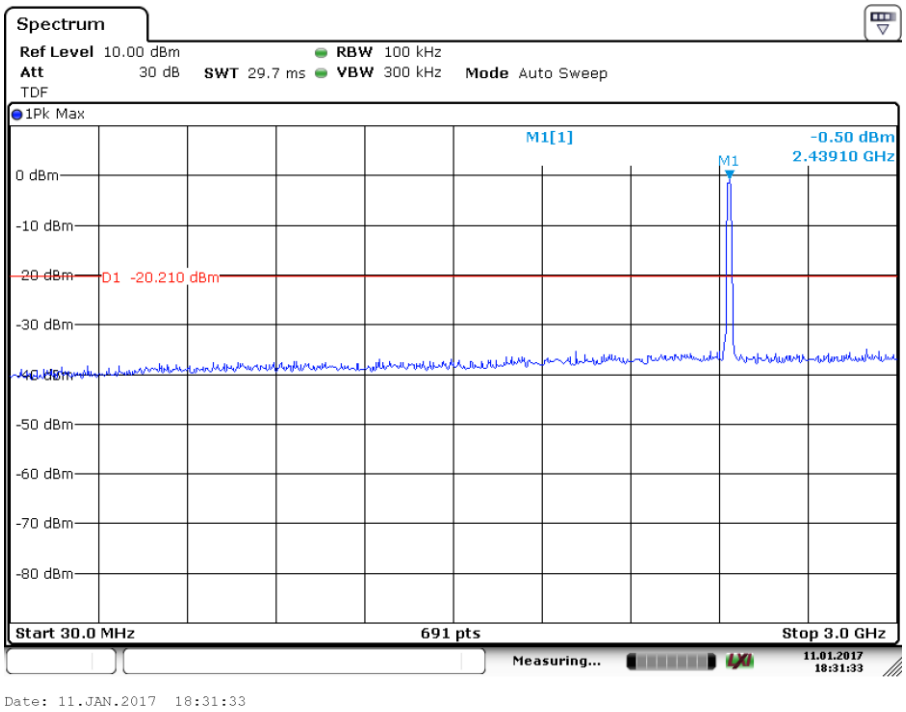

Fig.107 Conducted Spurious Emission (802.11n-20MHz, Ch6, 30 MHz-3 GHz)

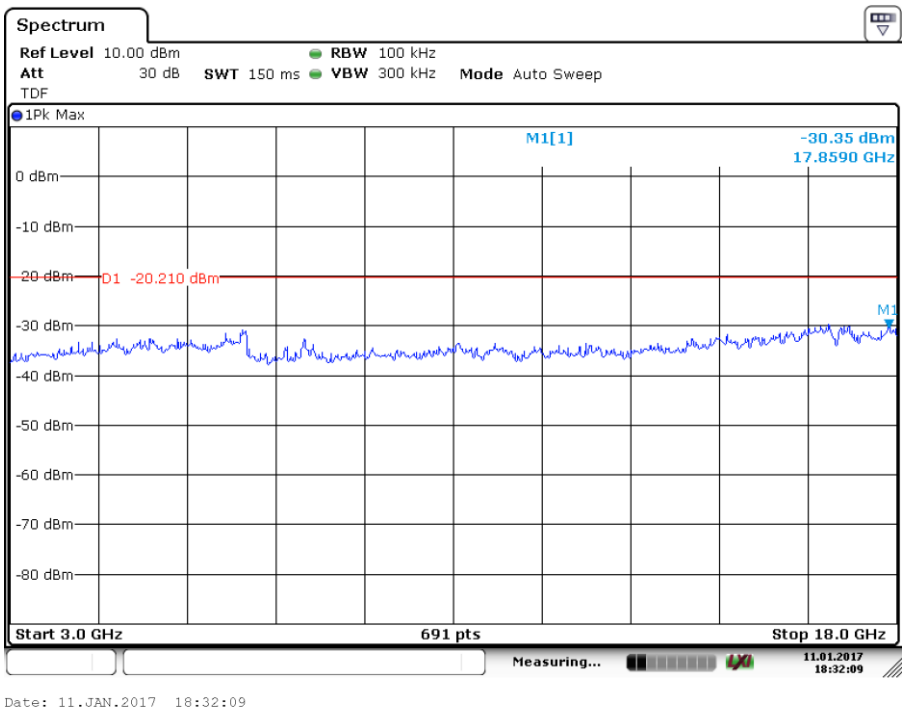

Fig.108 Conducted Spurious Emission (802.11n-20MHz, Ch6, 3 GHz-18 GHz)

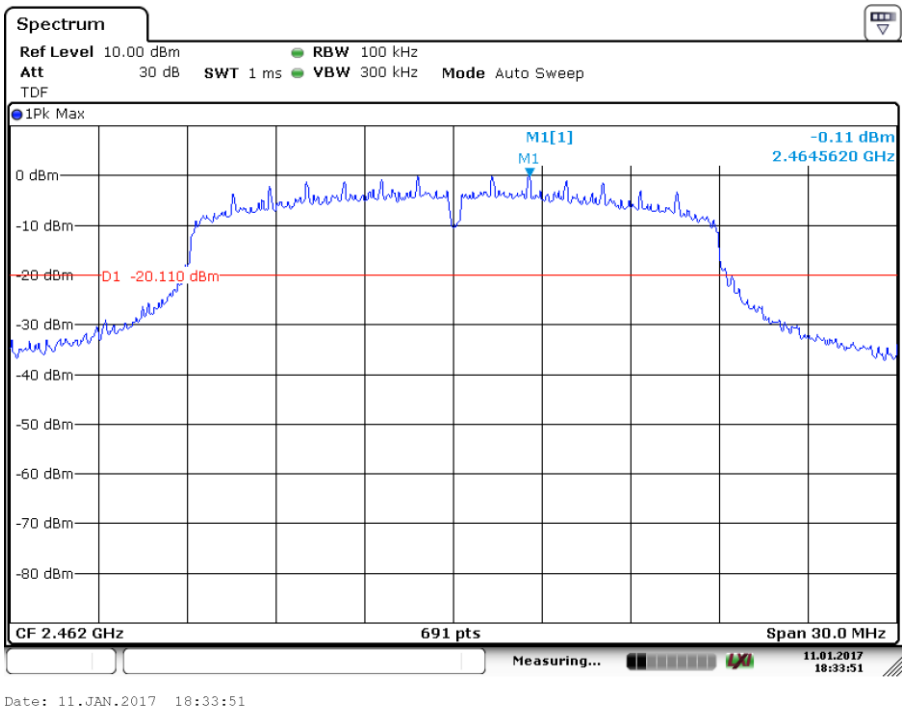

Fig.109 Conducted Spurious Emission (802.11n-20MHz, Ch11, Center Frequency)

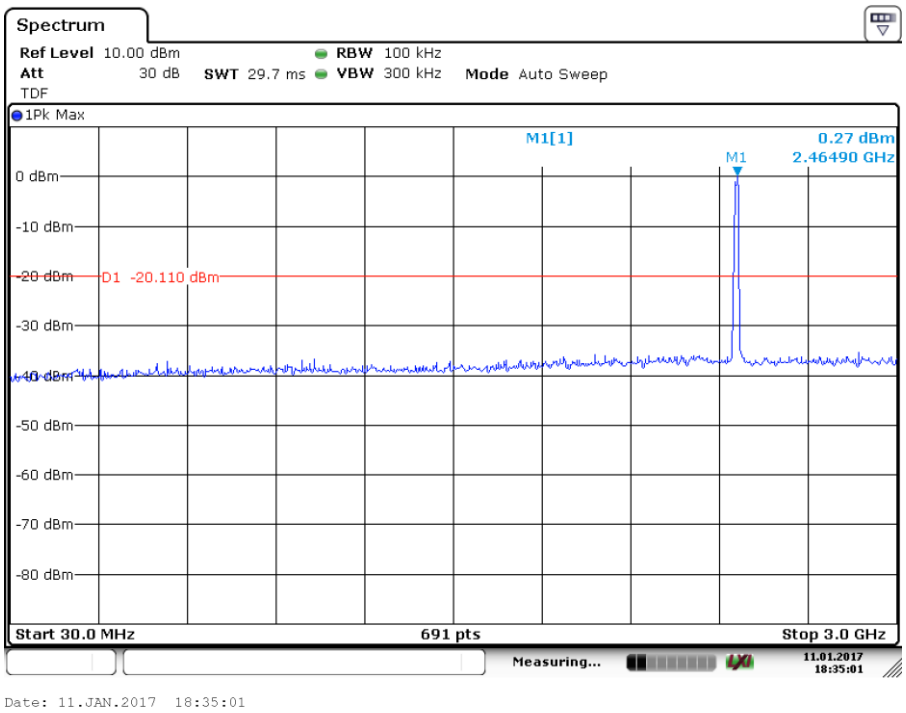

Fig.110 Conducted Spurious Emission (802.11n-20MHz, Ch11, 30 MHz-3 GHz)

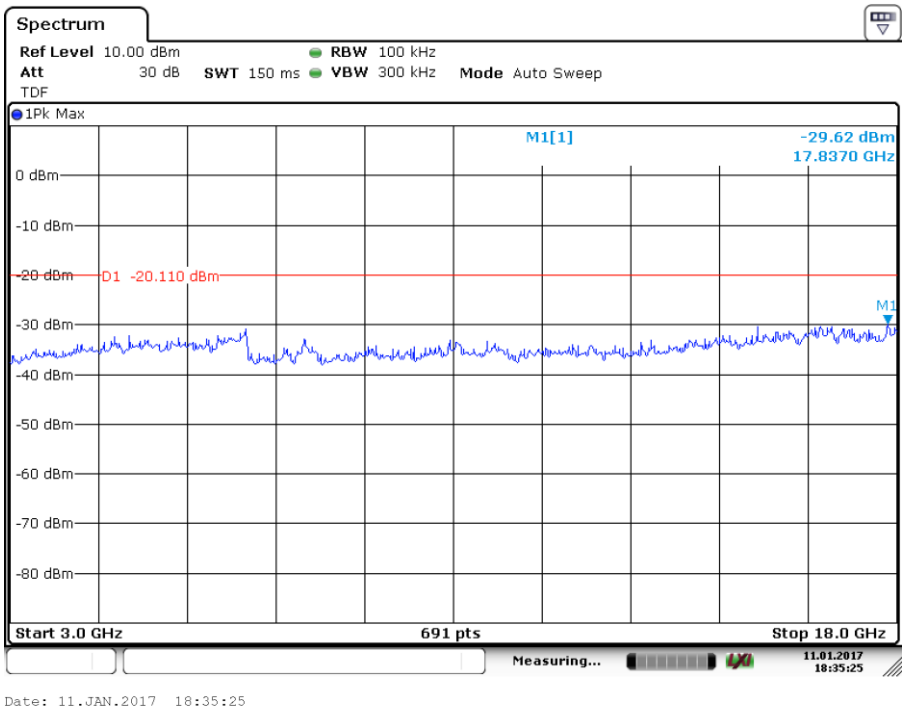

Fig.111 Conducted Spurious Emission (802.11n-20MHz, Ch11, 3 GHz-18 GHz)

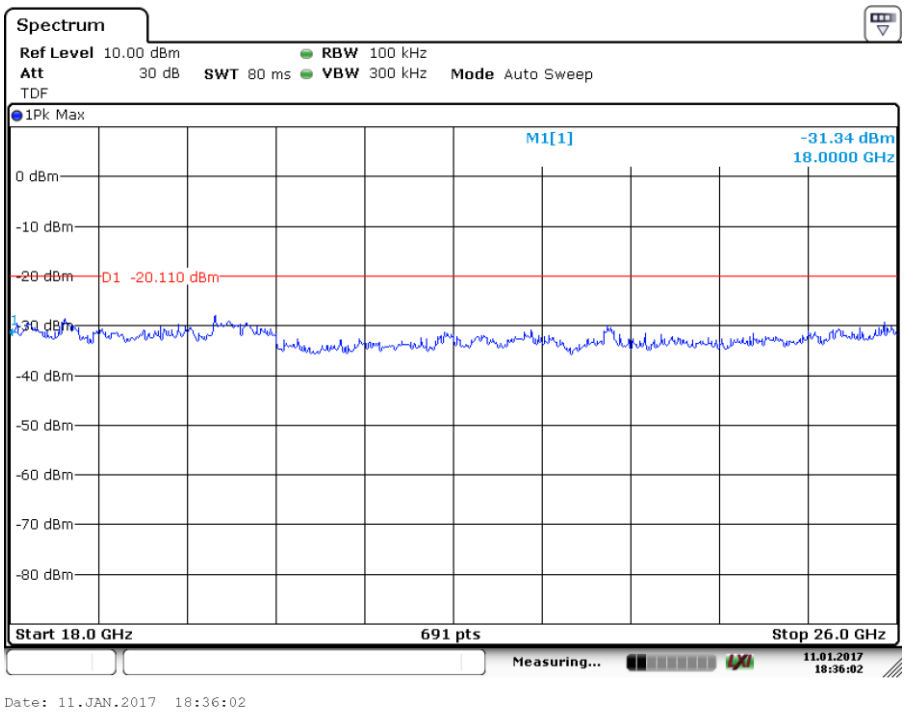

Fig.112 Conducted Spurious Emission (All channels, 18 GHz-26 GHz)

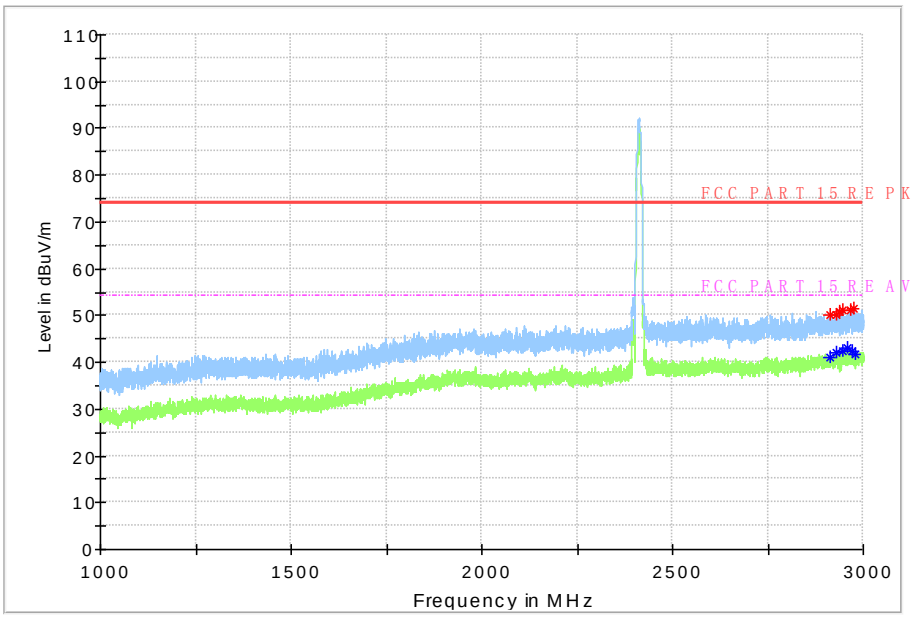

Fig.113 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-3GHz)

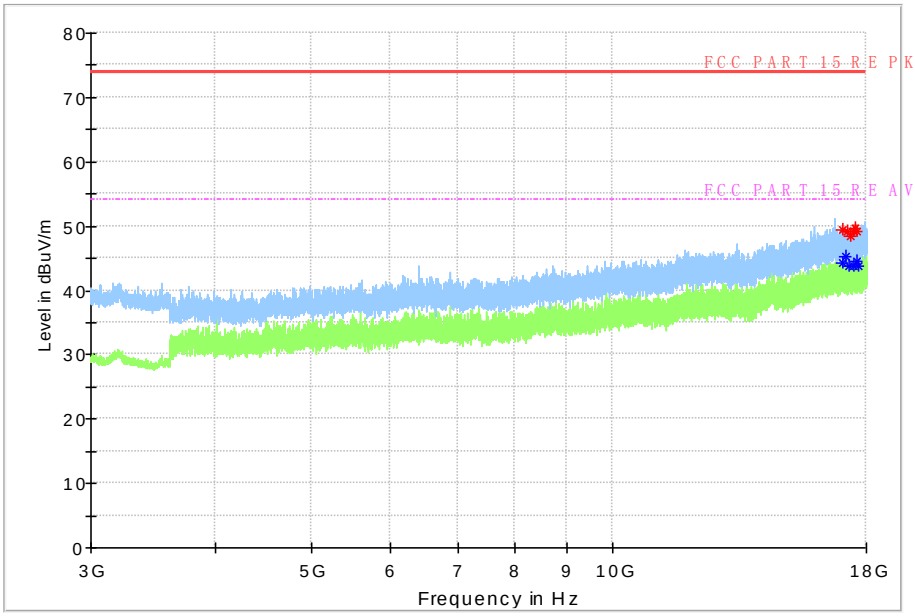

Fig.114 Radiated Spurious Emission (802.11b, Ch1, 3 GHz-18GHz)

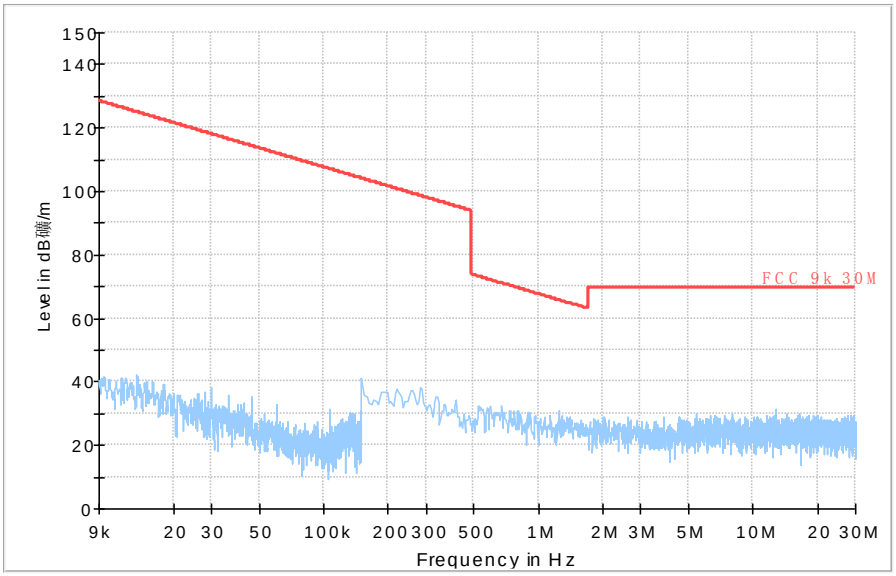

Fig.115 Radiated Spurious Emission (802.11b, Ch6, 9kHz-30MHz)

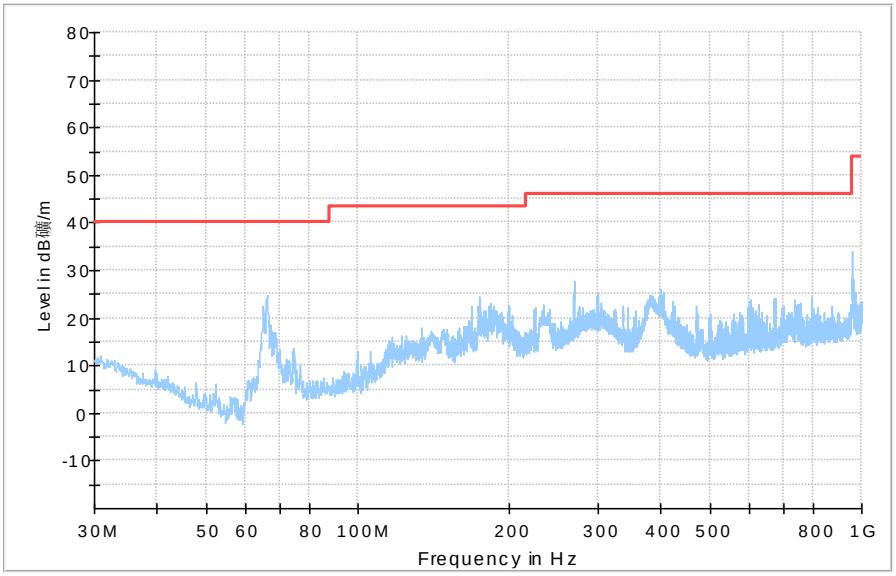

Fig.116 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz)

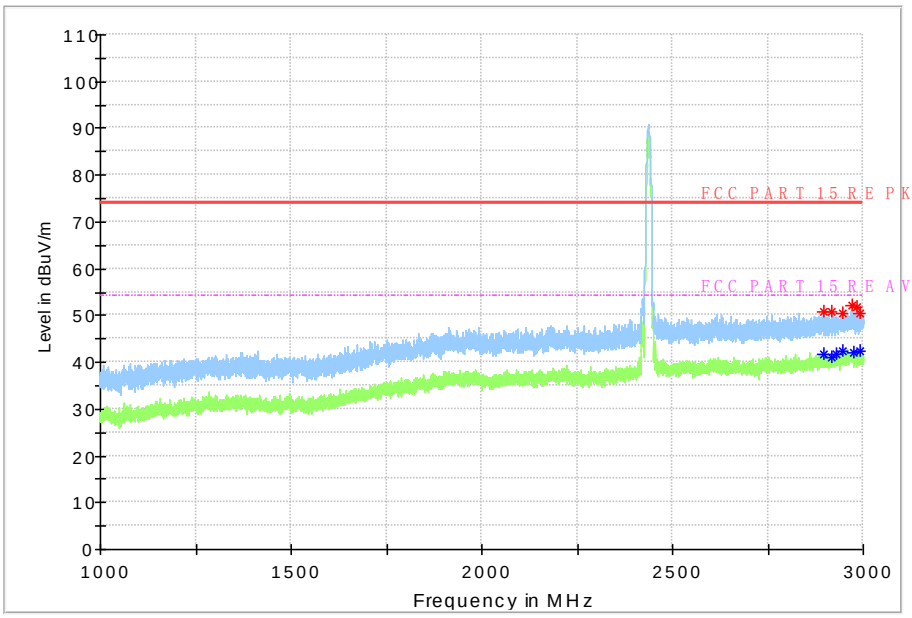

Fig.117 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-3GHz)

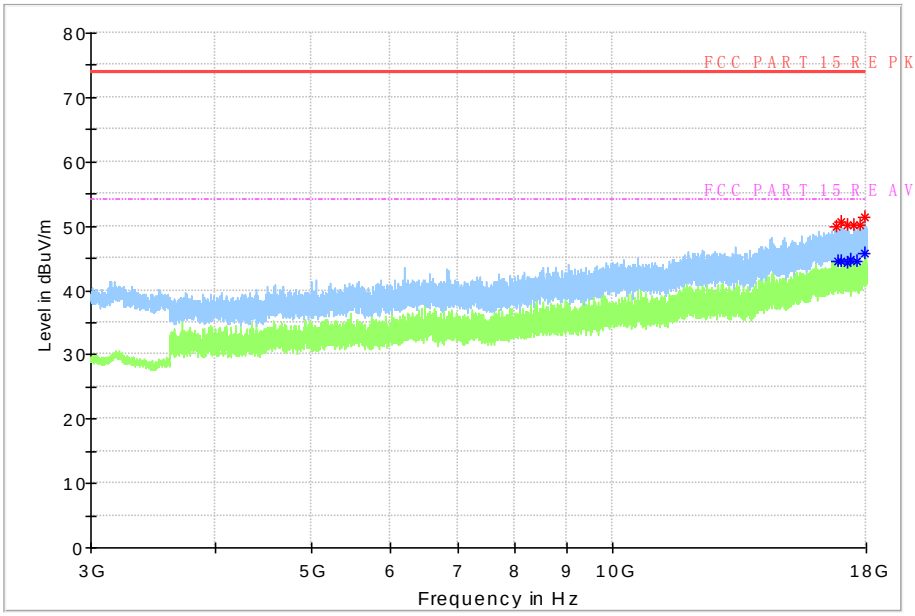

Fig.118 Radiated Spurious Emission (802.11b, Ch6, 3 GHz-18GHz)

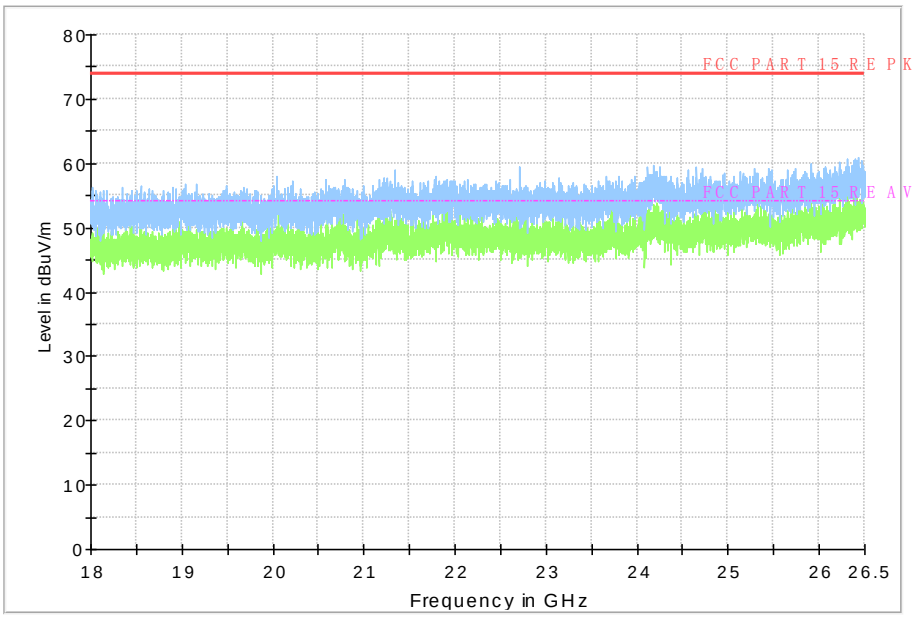

Fig.119 Radiated Spurious Emission (802.11b, Ch6, 18 GHz-26.5GHz)

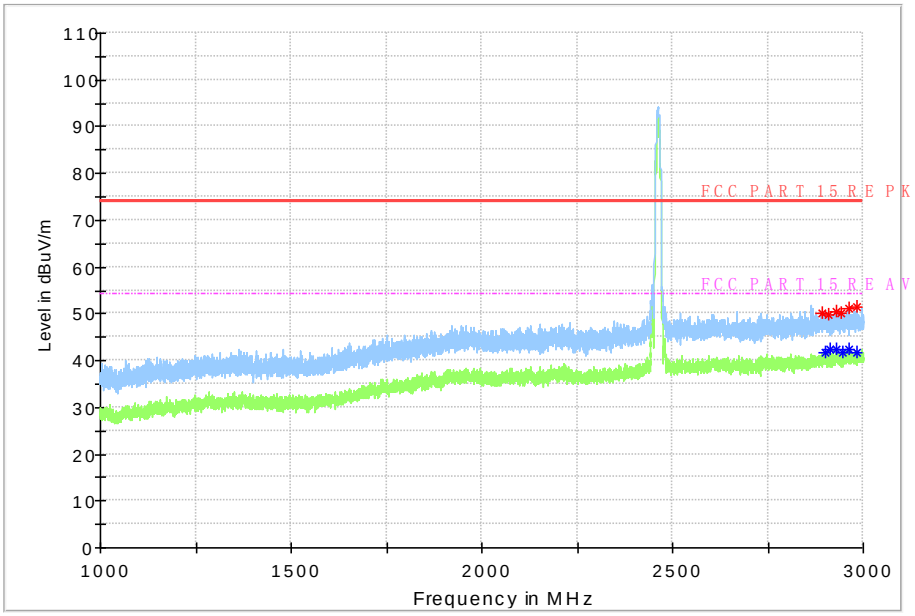

Fig.120 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-3GHz)

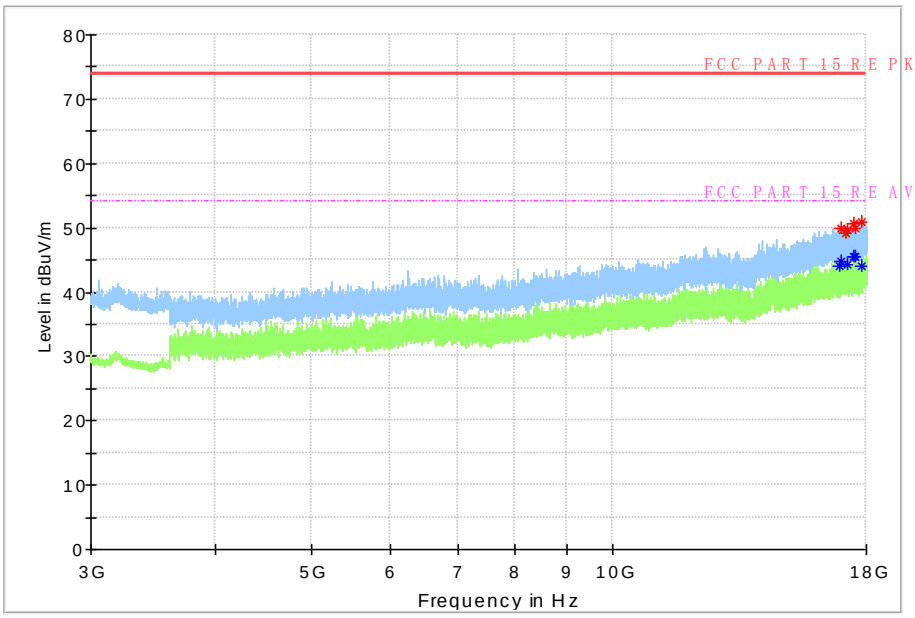

Fig.121 Radiated Spurious Emission (802.11b, Ch11, 3 GHz-18GHz)

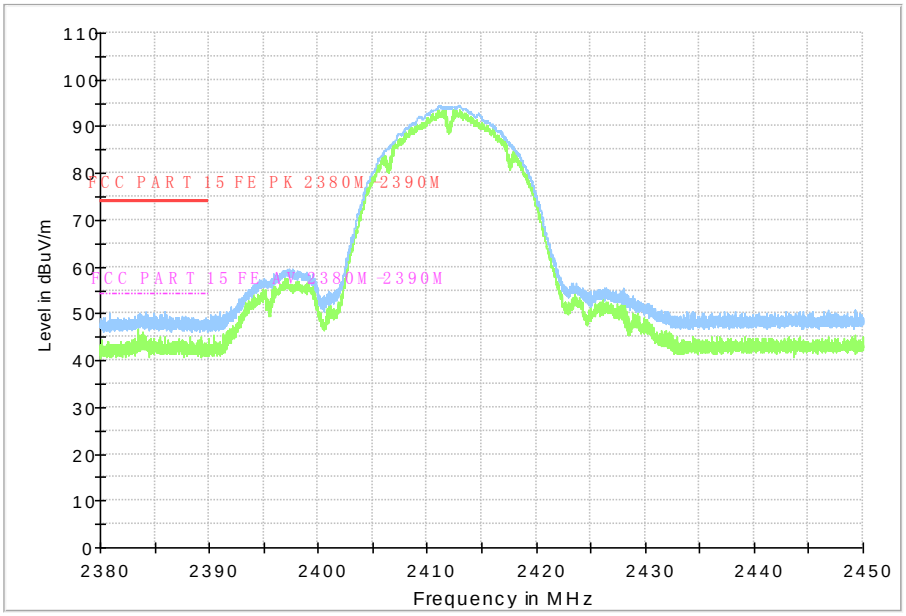

Fig.122 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)

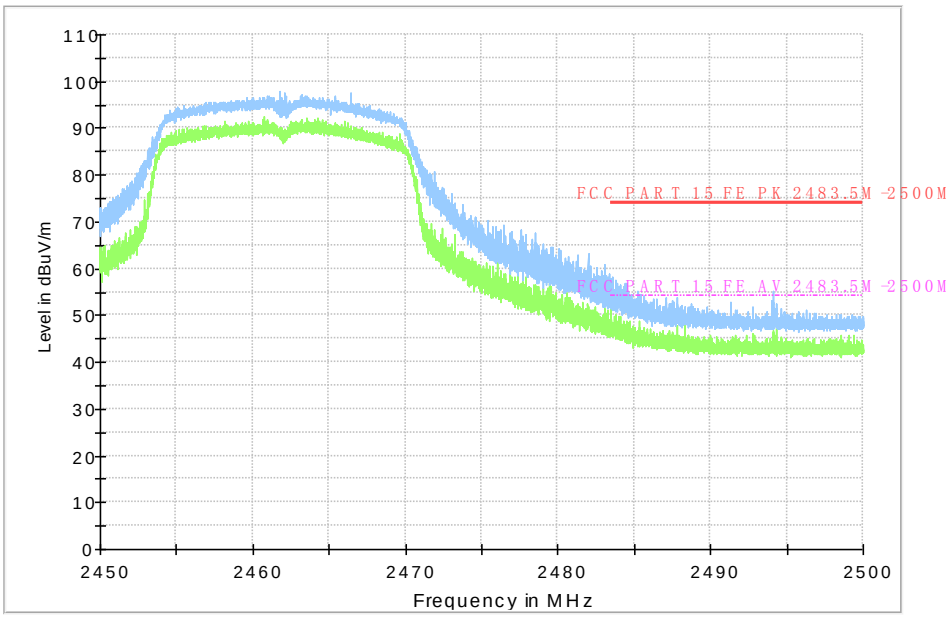

Fig.123 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)

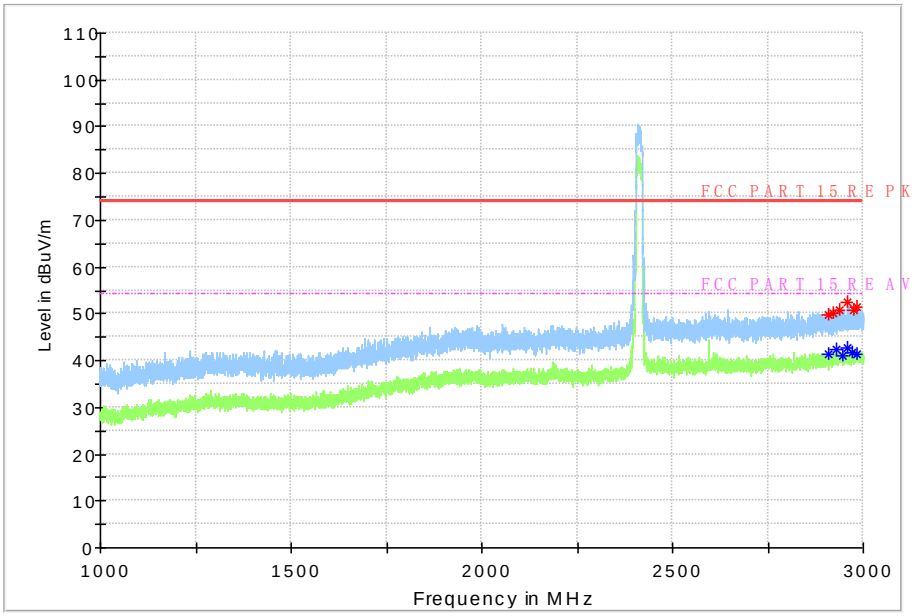

Fig.124 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-3 GHz)

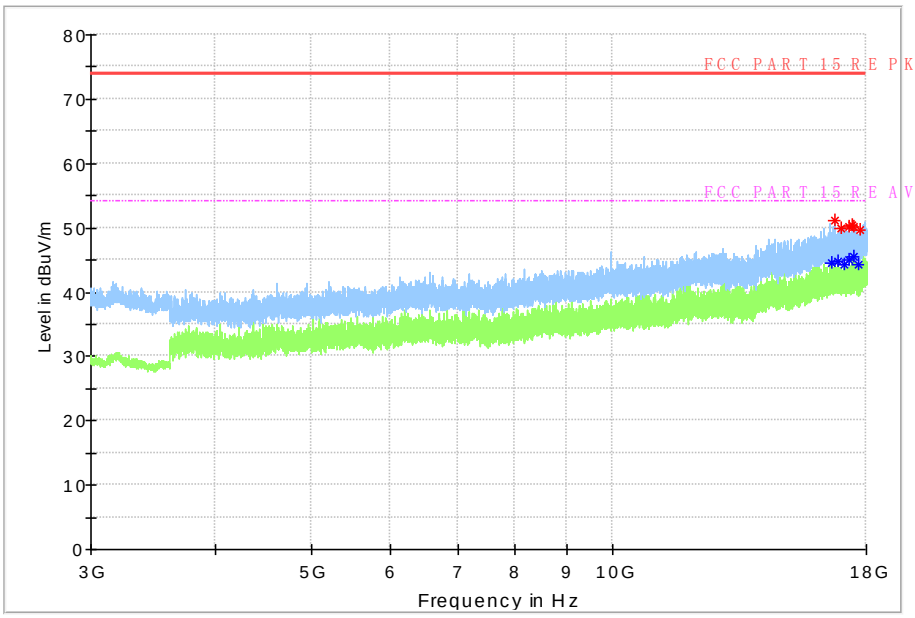

Fig.125 Radiated Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

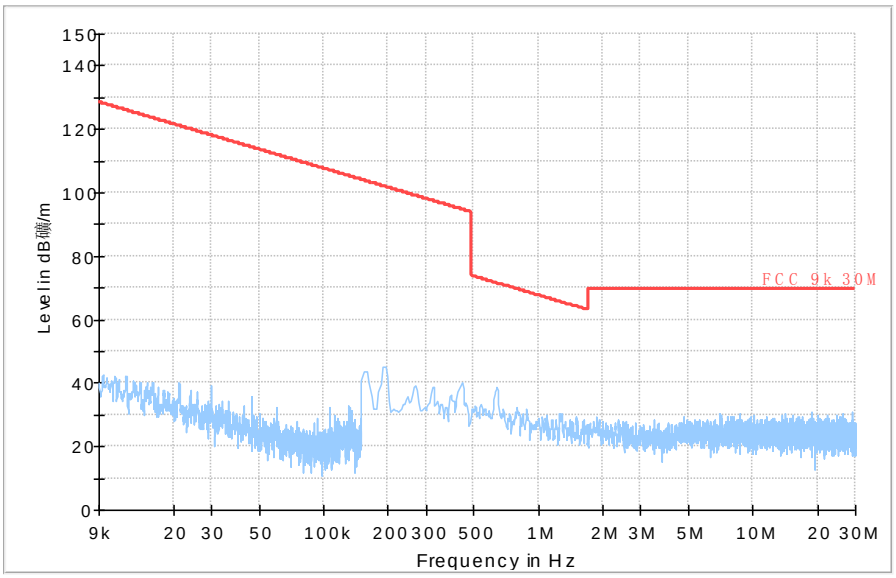

Fig.126 Radiated Spurious Emission (802.11g, Ch6, 9kHz-30MHz)

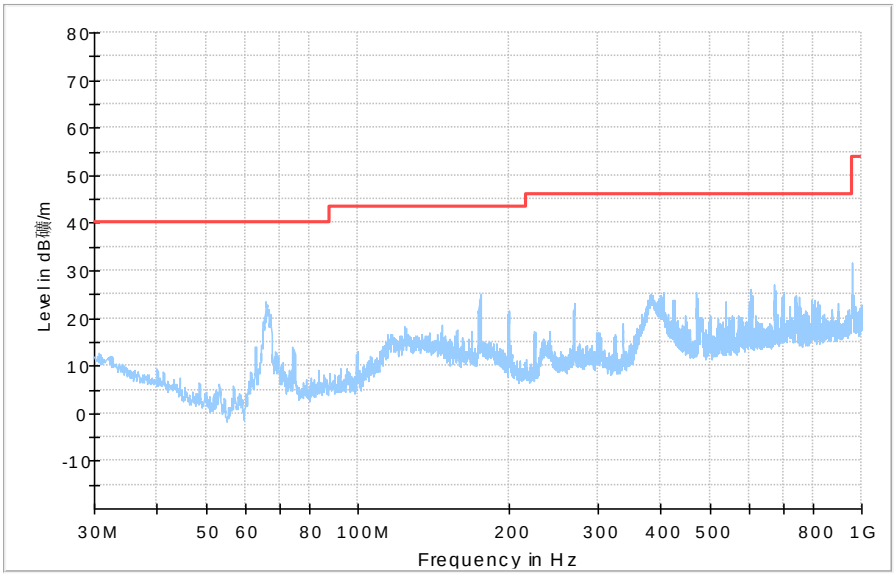

Fig.127 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)

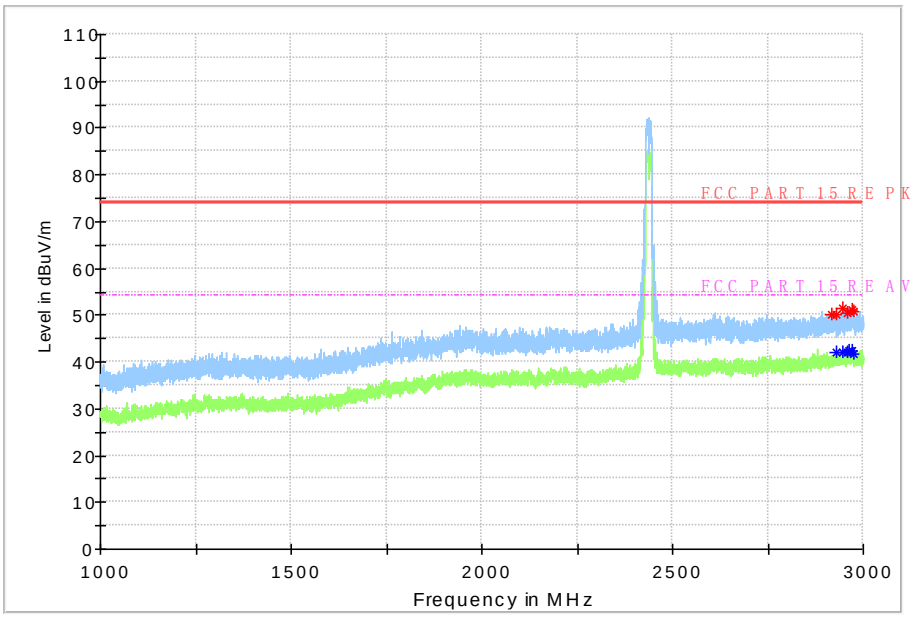

Fig.128 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-3 GHz)

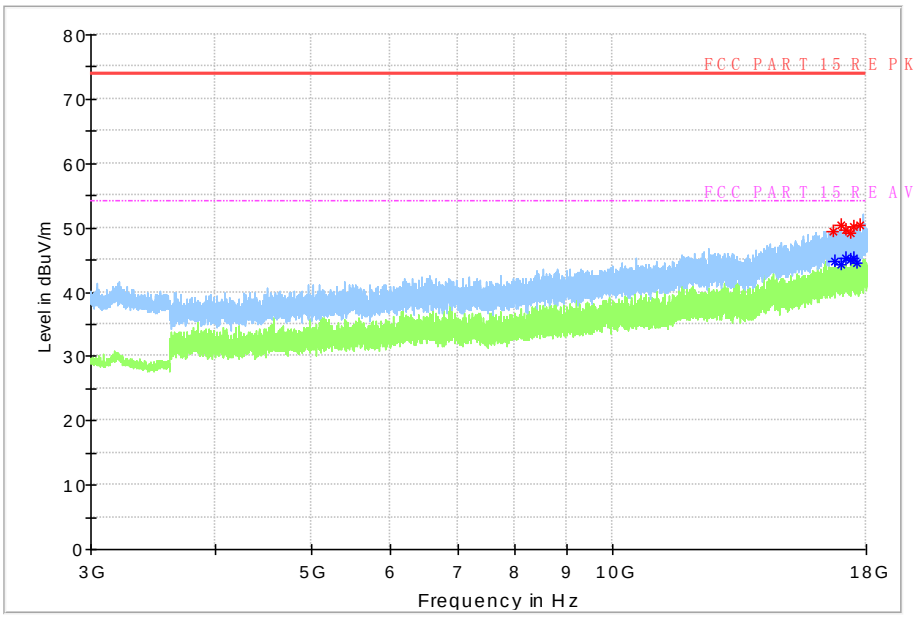

Fig.129 Radiated Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

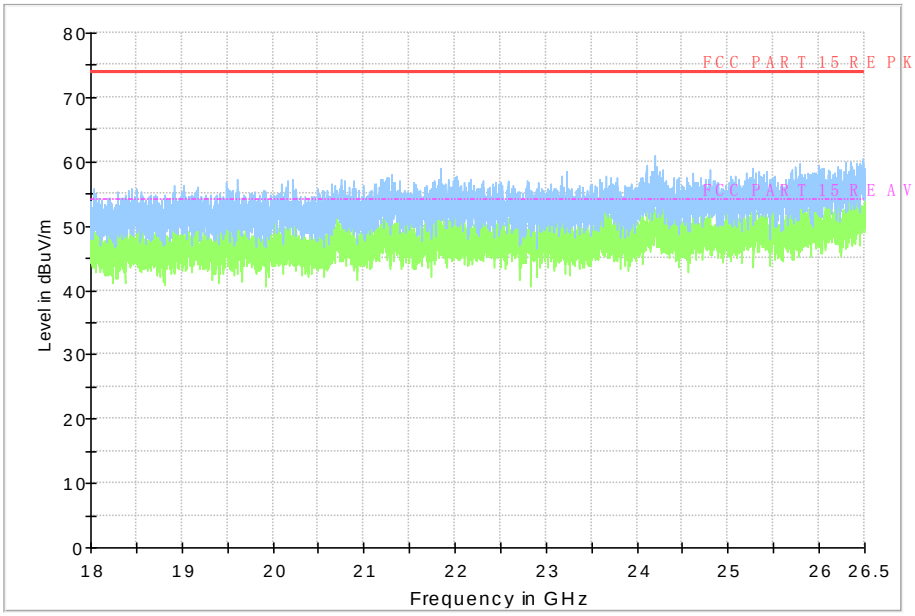

Fig.130 Radiated Spurious Emission (802.11g, Ch6, 18 GHz-26.5 GHz)

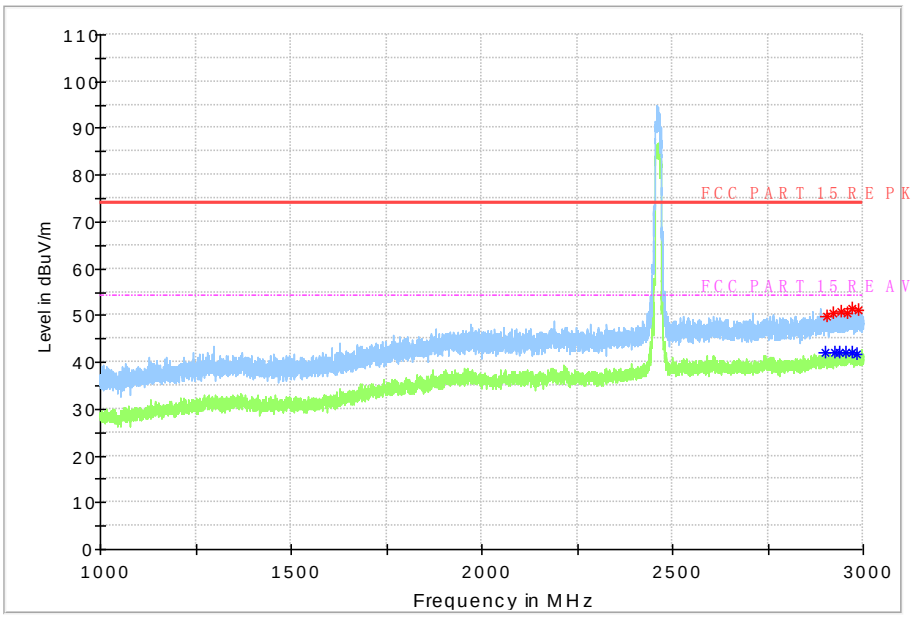

Fig.131 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-3 GHz)

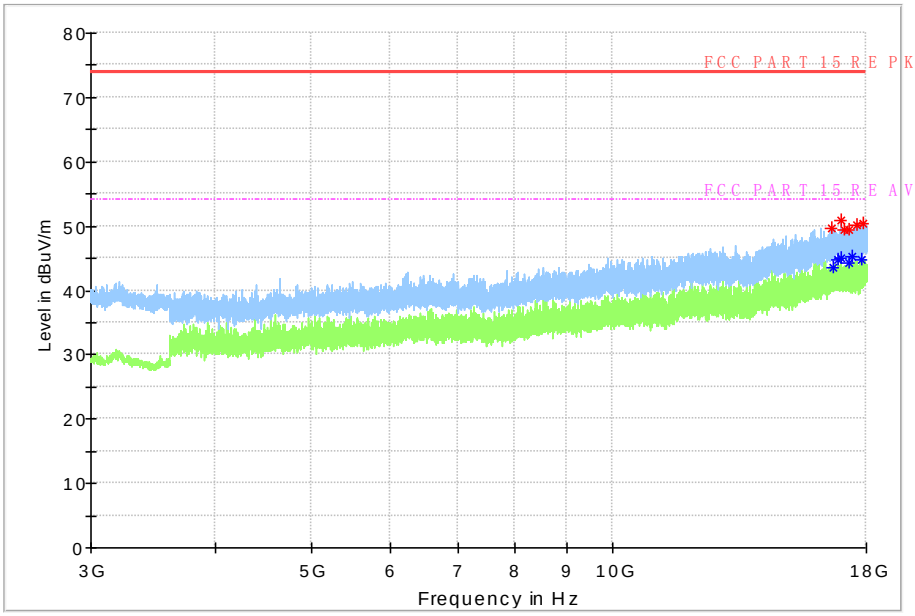

Fig.132 Radiated Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

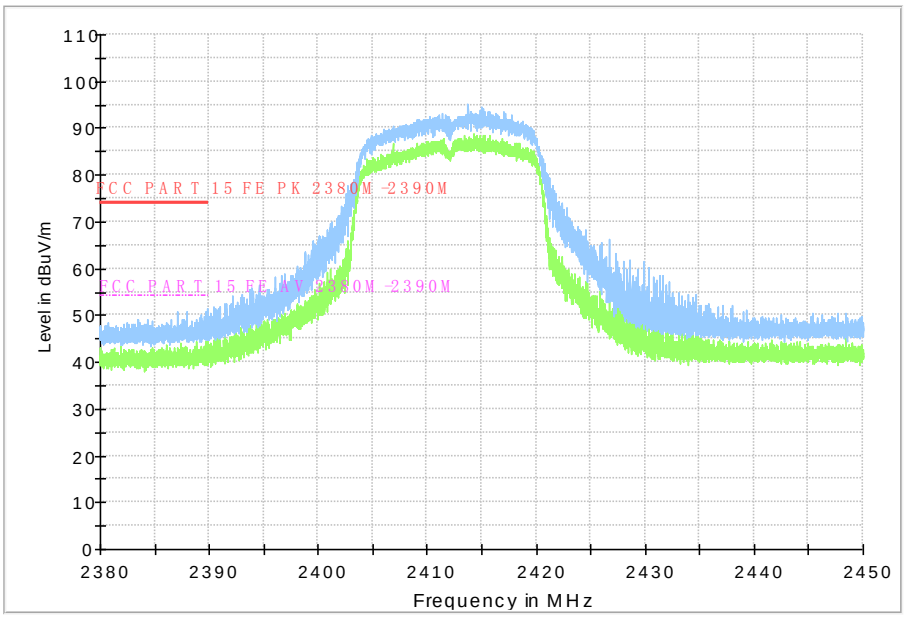

Fig.133 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)

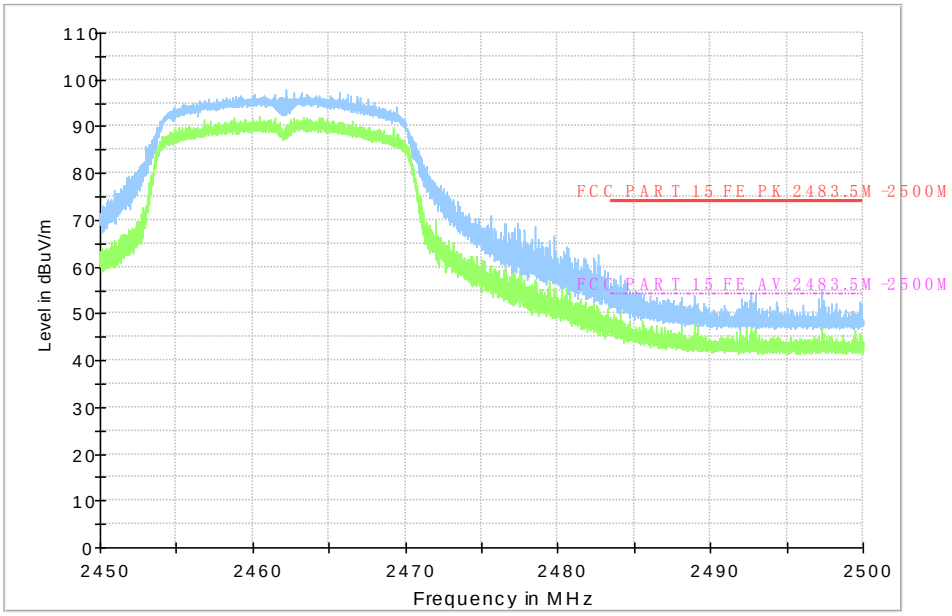

Fig.134 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)

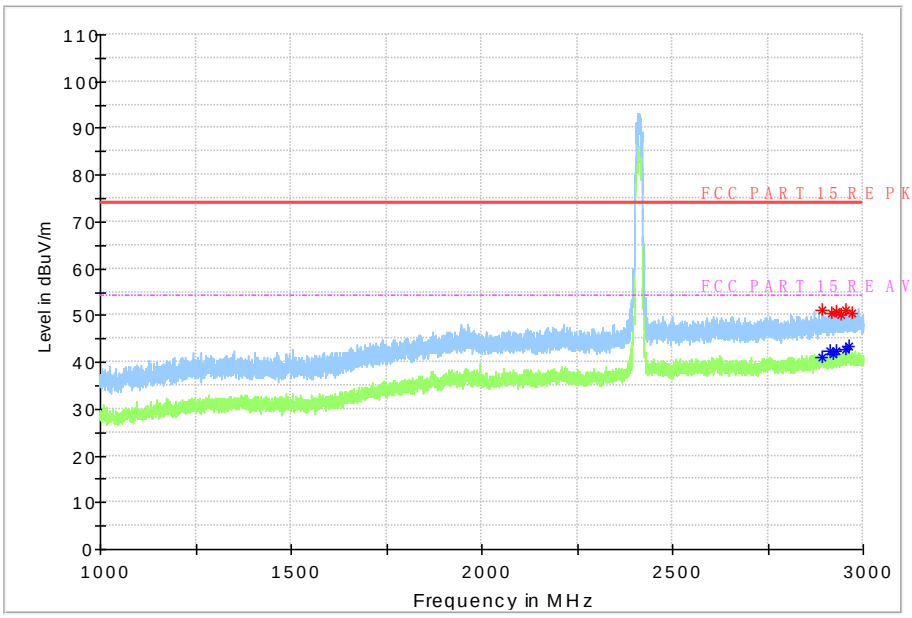

Fig.135 Radiated Spurious Emission (802.11n-20MHz, Ch1, 1 GHz-3 GHz)

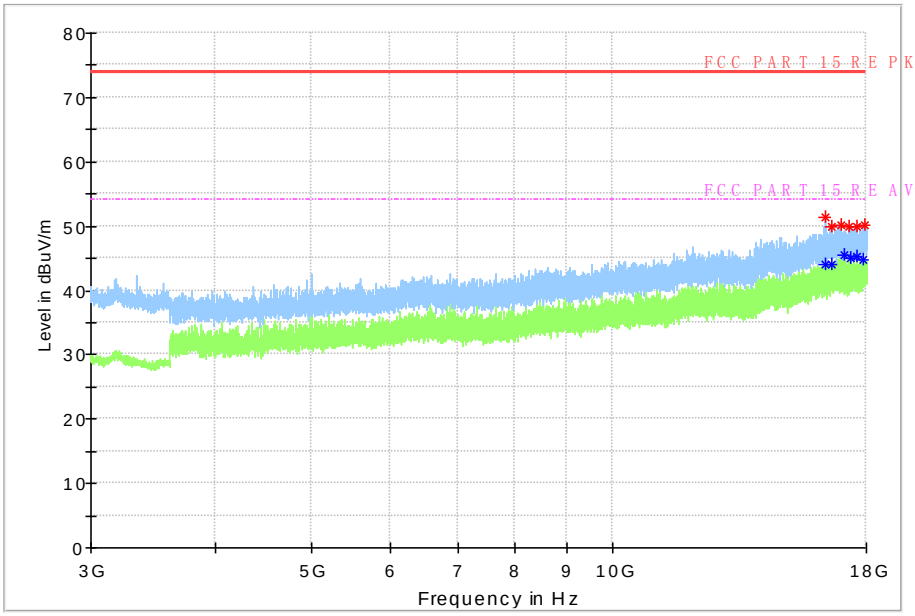

Fig.136 Radiated Spurious Emission (802.11n-20MHz, Ch1, 3 GHz-18 GHz)

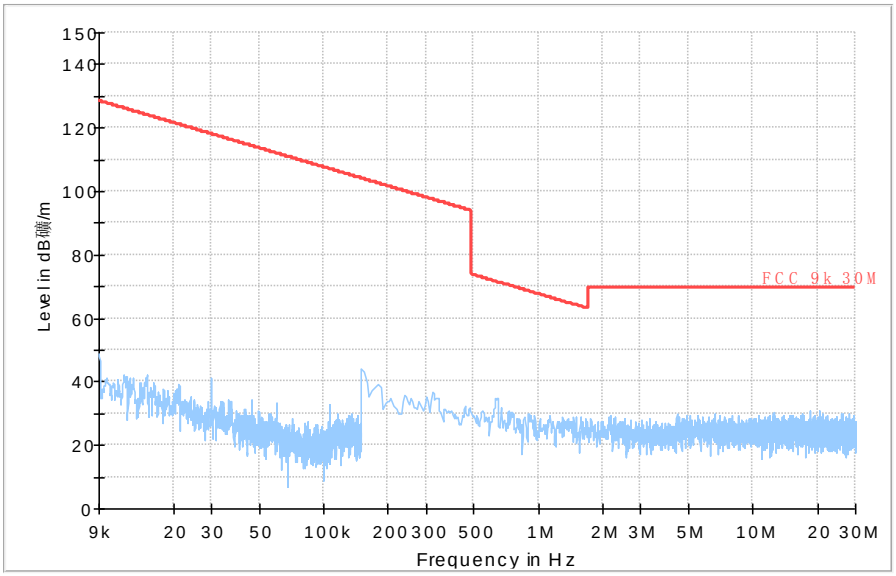

Fig.137 Radiated Spurious Emission (802.11n-20MHz, Ch6, 9kHz-30MHz)

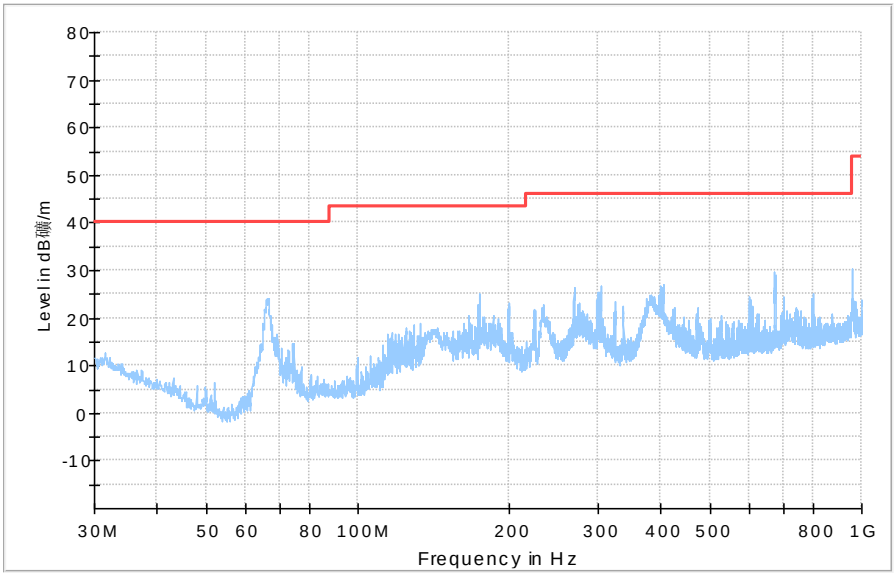

Fig.138 Radiated Spurious Emission (802.11n-20MHz, Ch6, 30MHz-1 GHz)

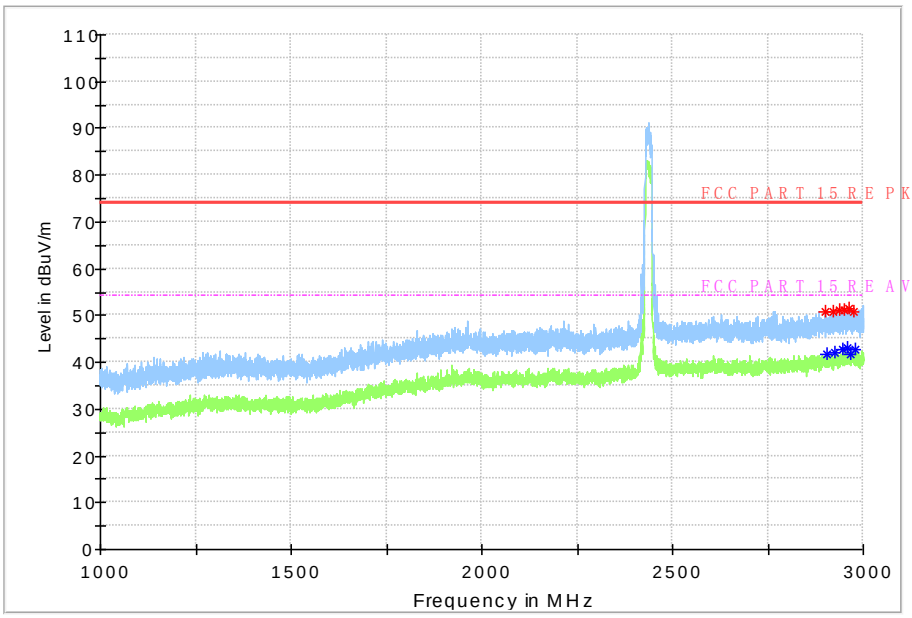

Fig.139 Radiated Spurious Emission (802.11n-20MHz, Ch6, 1 GHz-3 GHz)

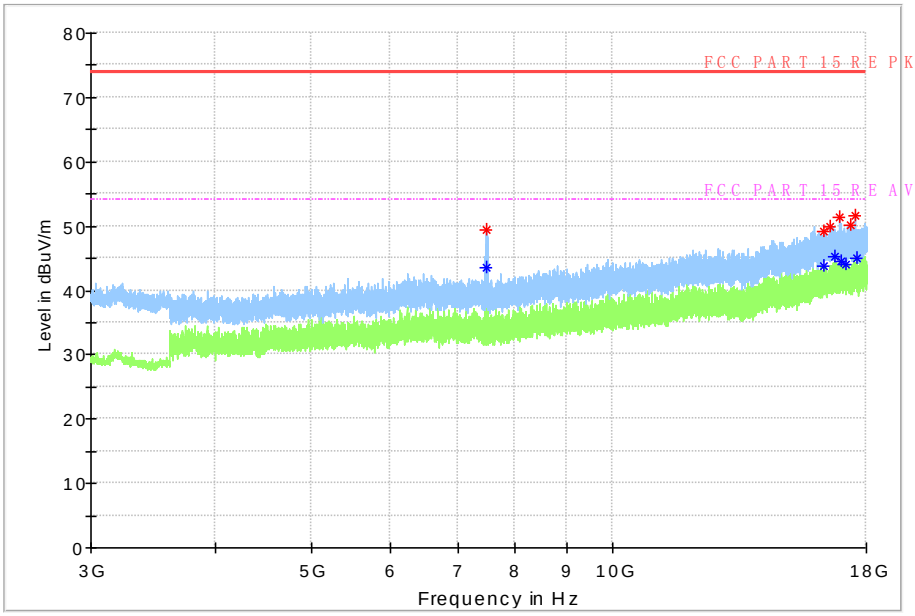

Fig.140 Radiated Spurious Emission (802.11n-20MHz, Ch6, 3 GHz-18 GHz)

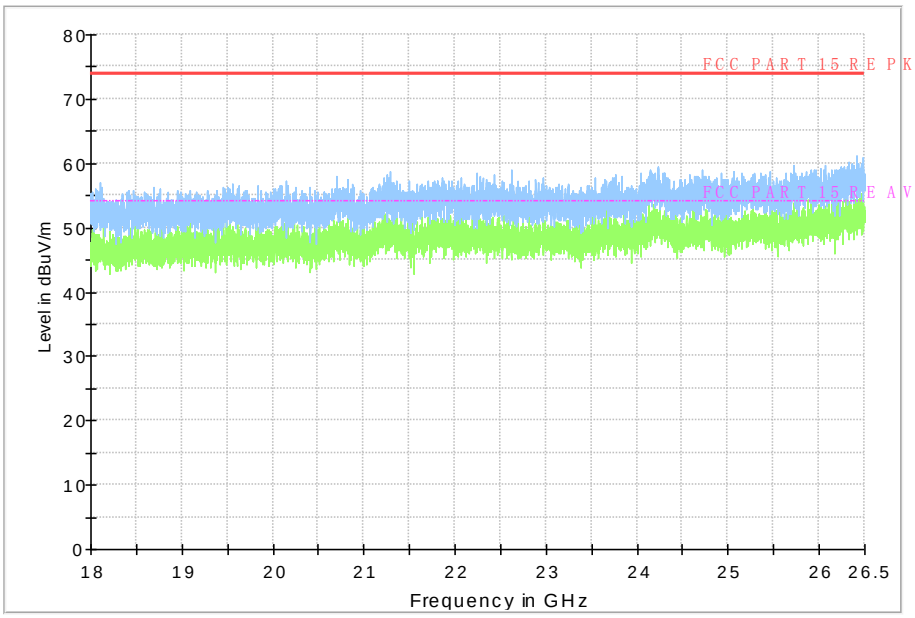

Fig.141 Radiated Spurious Emission (802.11n-20MHz, Ch6, 18 GHz-26.5 GHz)

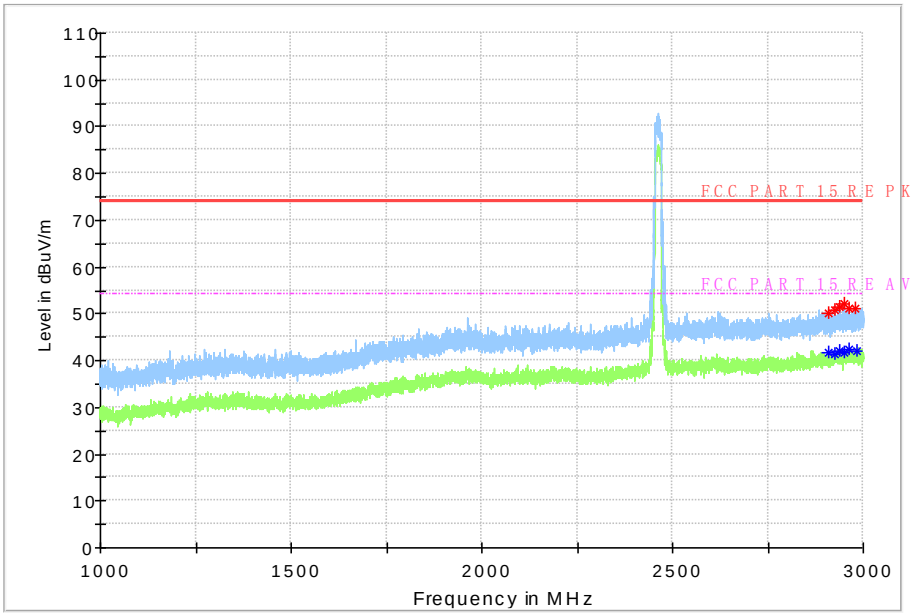

Fig.142 Radiated Spurious Emission (802.11n-20MHz, Ch11, 1 GHz-3 GHz)

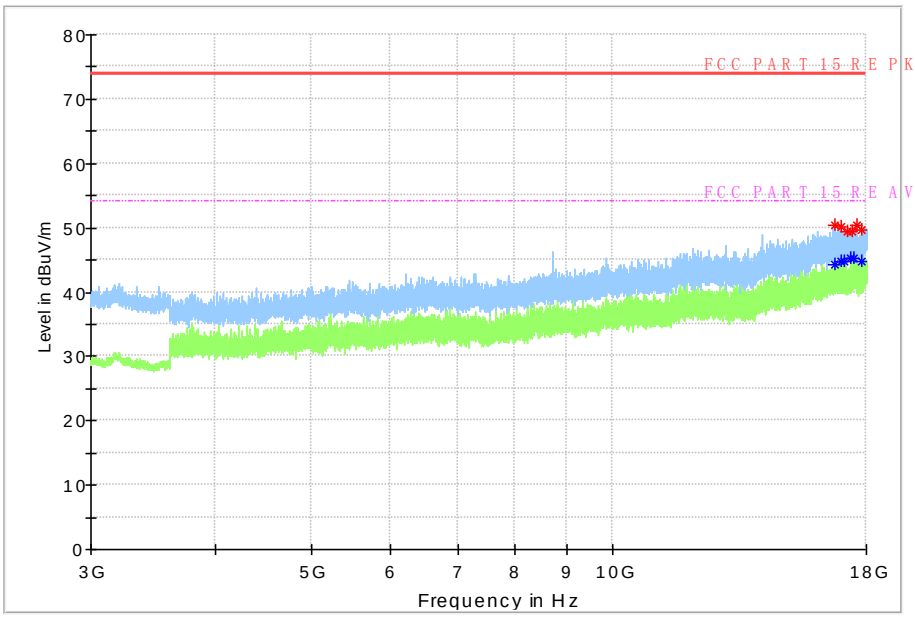

Fig.143 Radiated Spurious Emission (802.11n-20MHz, Ch11, 3 GHz-18 GHz)

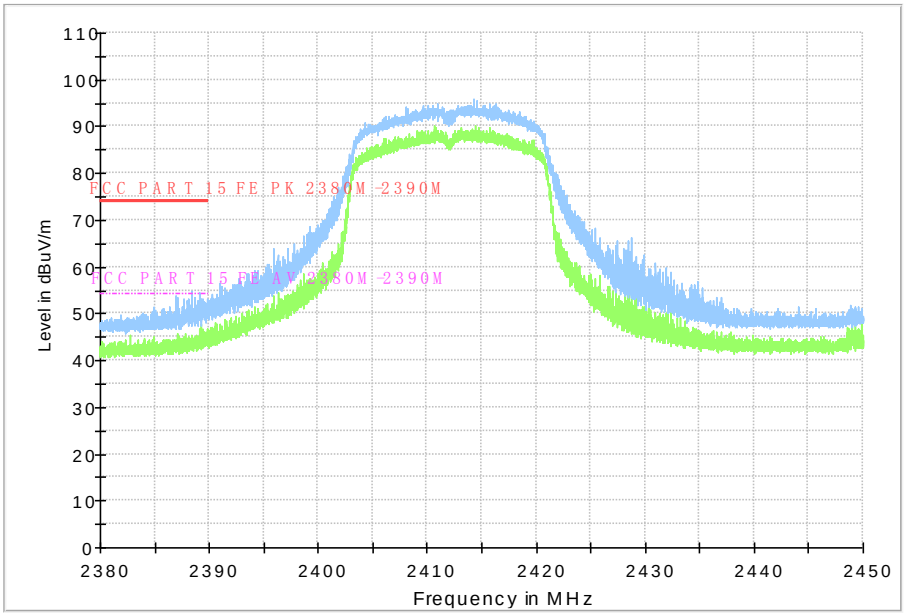

Fig.144 Radiated Emission Power (802.11n-20MHz, Ch1, 2380GHz~2450GHz)

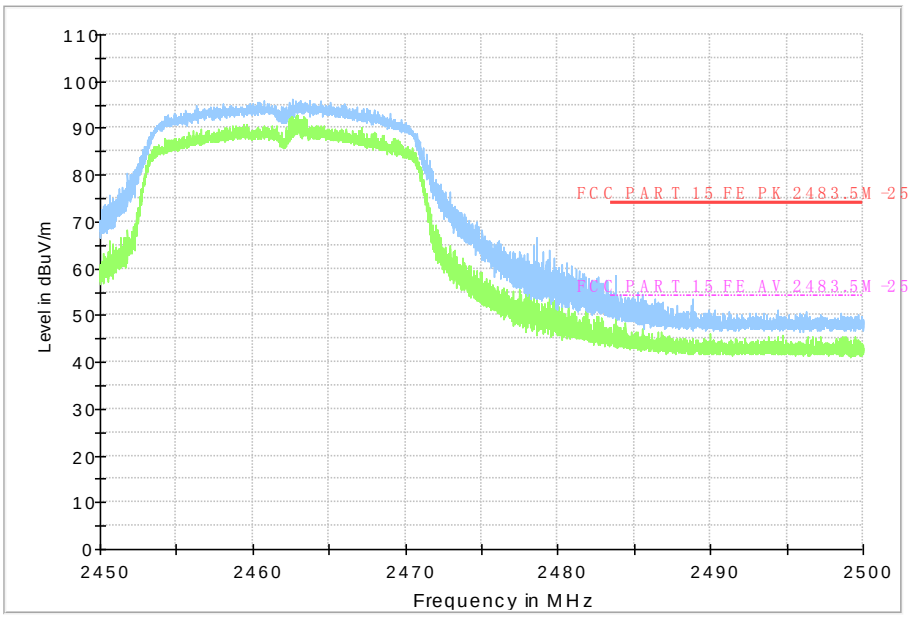

Fig.145 Radiated Emission Power (802.11n-20MHz, Ch11, 2450GHz~2500GHz)

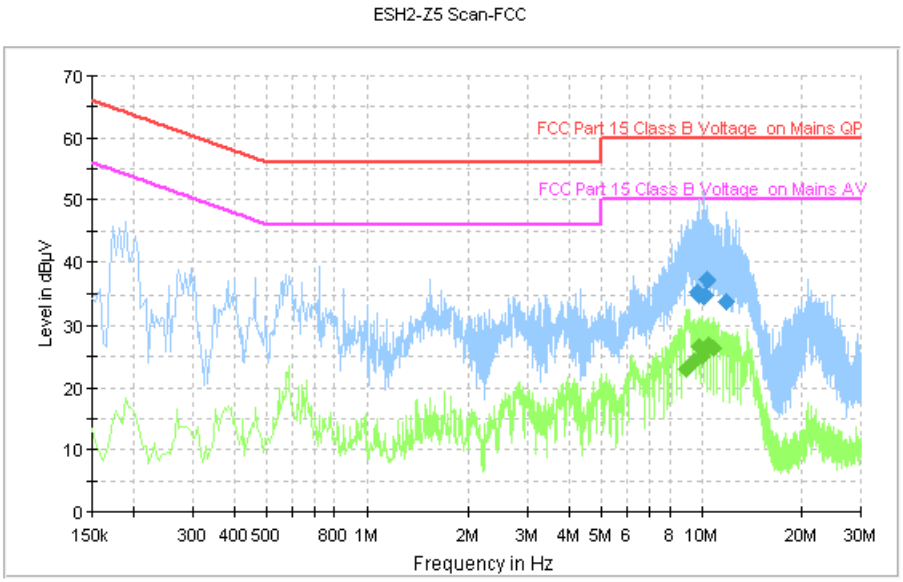

Fig.146 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
9.738000	35.4	GND	N	9.9	24.6	60.0
9.790000	34.9	GND	N	9.9	25.1	60.0
10.166000	34.7	GND	N	9.8	25.3	60.0
10.210000	34.9	GND	N	9.8	25.1	60.0
10.318000	37.2	GND	N	9.9	22.8	60.0
11.878000	33.8	GND	N	9.9	26.2	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
8.938000	22.9	GND	N	9.8	27.1	50.0
9.498000	24.2	GND	N	9.9	25.8	50.0
9.846000	26.7	GND	N	9.9	23.3	50.0
10.074000	25.1	GND	N	9.8	24.9	50.0
10.542000	27.0	GND	N	9.9	23.0	50.0
10.810000	26.3	GND	N	9.9	23.7	50.0

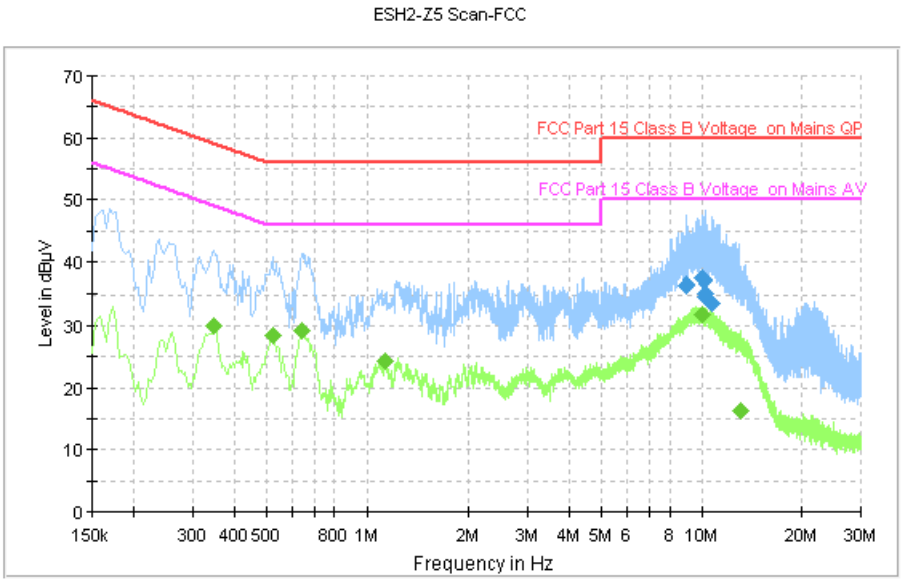

Fig.147 AC Power line Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
8.974000	36.4	GND	N	9.8	23.6	60.0
10.006000	37.4	GND	N	9.9	22.6	60.0
10.166000	37.3	GND	N	9.8	22.7	60.0
10.214000	35.1	GND	N	9.8	24.9	60.0
10.306000	34.6	GND	N	9.9	25.4	60.0
10.686000	33.6	GND	N	9.9	26.4	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.346000	29.9	GND	N	9.6	19.2	49.1
0.526000	28.4	GND	N	9.7	17.6	46.0
0.638000	29.2	GND	N	9.6	16.8	46.0
1.138000	24.3	GND	N	9.6	21.7	46.0
10.062000	31.7	GND	N	9.8	18.3	50.0
13.082000	16.3	GND	N	9.9	33.7	50.0

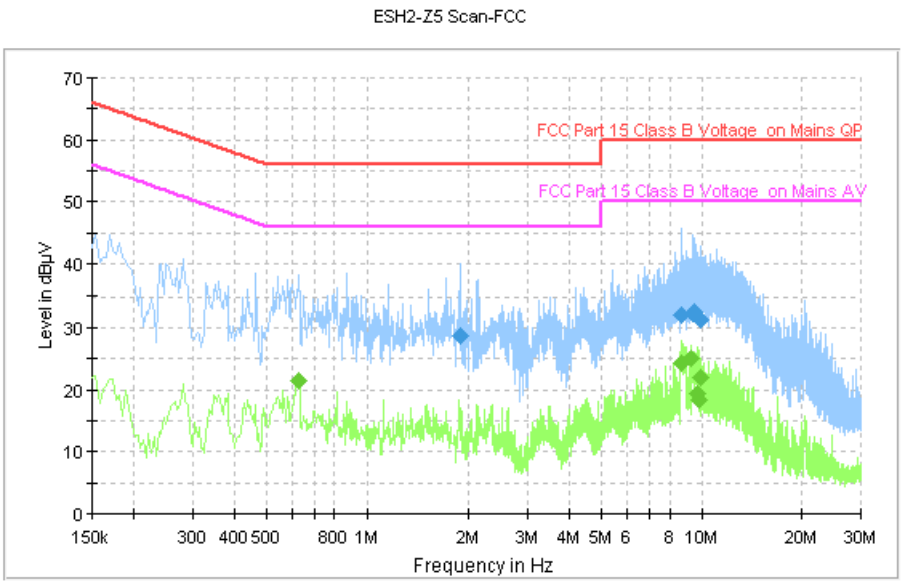

Fig.148 AC Powerline Conducted Emission (Traffic, AE2)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.882000	28.7	GND	N	9.6	27.3	56.0
8.654000	32.1	GND	N	9.8	28.0	60.0
9.350000	32.3	GND	N	9.8	27.7	60.0
9.510000	32.5	GND	N	9.9	27.5	60.0
9.586000	32.0	GND	N	9.9	28.0	60.0
9.954000	31.2	GND	N	9.9	28.8	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.626000	21.5	GND	N	9.6	24.5	46.0
8.662000	24.3	GND	N	9.8	25.7	50.0
9.298000	25.0	GND	N	9.8	25.0	50.0
9.702000	19.3	GND	N	9.9	30.7	50.0
9.818000	18.2	GND	N	9.9	31.8	50.0
9.978000	22.0	GND	N	9.9	28.0	50.0

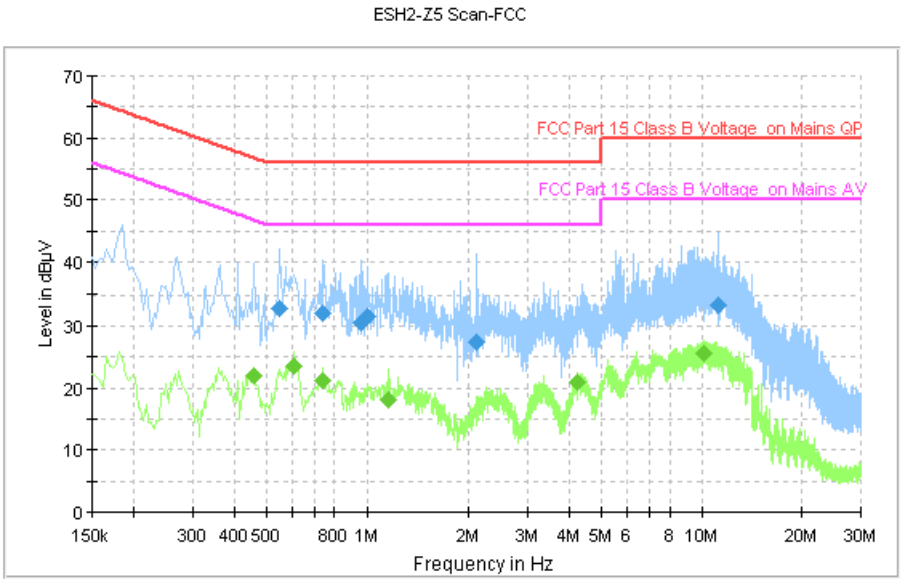

Fig.149 AC Power line Conducted Emission (Idle, AE2)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.546000	32.8	GND	N	9.7	23.2	56.0
0.738000	32.0	GND	N	9.5	24.0	56.0
0.966000	30.4	GND	N	9.6	25.6	56.0
1.002000	31.6	GND	N	9.5	24.4	56.0
2.114000	27.3	GND	N	9.6	28.7	56.0
11.206000	33.3	GND	N	9.9	26.7	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.458000	21.9	GND	N	9.7	24.8	46.7
0.606000	23.6	GND	N	9.6	22.4	46.0
0.738000	21.3	GND	N	9.5	24.7	46.0
1.166000	18.0	GND	N	9.5	28.0	46.0
4.242000	20.9	GND	N	9.6	25.1	46.0
10.154000	25.7	GND	N	9.8	24.3	50.0

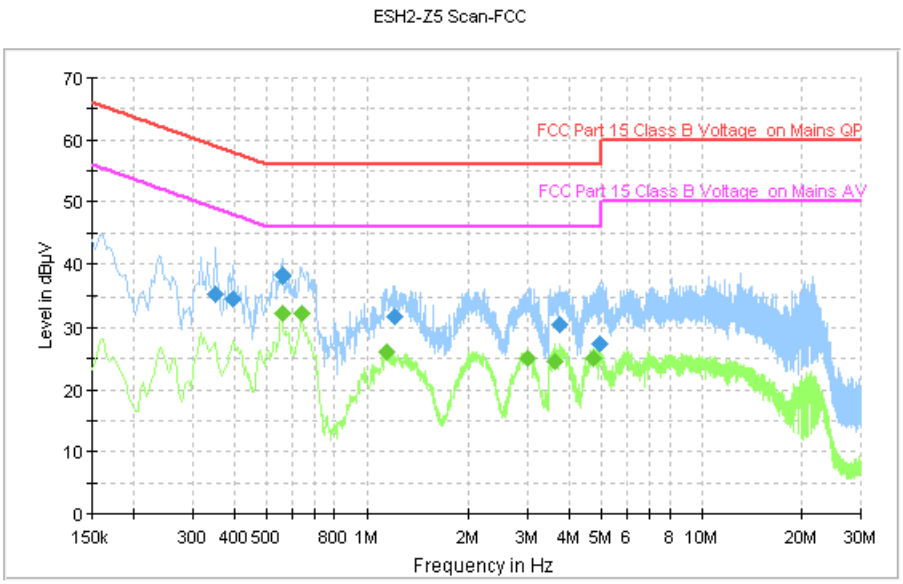

Fig.150 AC Powerline Conducted Emission (Traffic, AE3)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.350000	35.3	GND	N	9.6	23.7	59.0
0.398000	34.7	GND	N	9.6	23.2	57.9
0.558000	38.2	GND	N	9.7	17.8	56.0
1.214000	31.7	GND	N	9.5	24.3	56.0
3.770000	30.6	GND	N	9.6	25.4	56.0
4.970000	27.4	GND	N	9.6	28.6	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.558000	32.4	GND	N	9.7	13.6	46.0
0.638000	32.3	GND	N	9.6	13.7	46.0
1.150000	26.0	GND	N	9.6	20.0	46.0
2.994000	25.1	GND	N	9.6	20.9	46.0
3.642000	24.5	GND	N	9.6	21.5	46.0
4.746000	25.1	GND	N	9.6	20.9	46.0

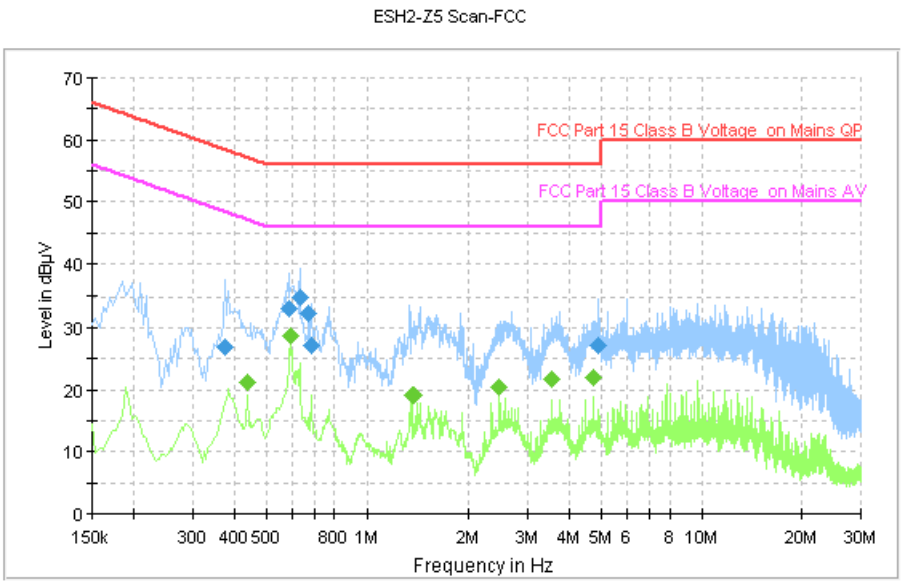

Fig.151 AC Power line Conducted Emission (Idle, AE3)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.374000	26.8	GND	N	9.6	31.6	58.4
0.582000	33.0	GND	N	9.6	23.0	56.0
0.630000	35.0	GND	N	9.6	21.0	56.0
0.670000	32.3	GND	N	9.5	23.7	56.0
0.682000	27.2	GND	N	9.5	28.8	56.0
4.894000	27.2	GND	N	9.6	28.8	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.438000	21.3	GND	N	9.7	25.8	47.1
0.594000	28.7	GND	N	9.6	17.3	46.0
1.366000	19.1	GND	N	9.6	26.9	46.0
2.462000	20.4	GND	N	9.6	25.6	46.0
3.534000	21.7	GND	N	9.6	24.3	46.0
4.726000	22.0	GND	N	9.6	24.0	46.0

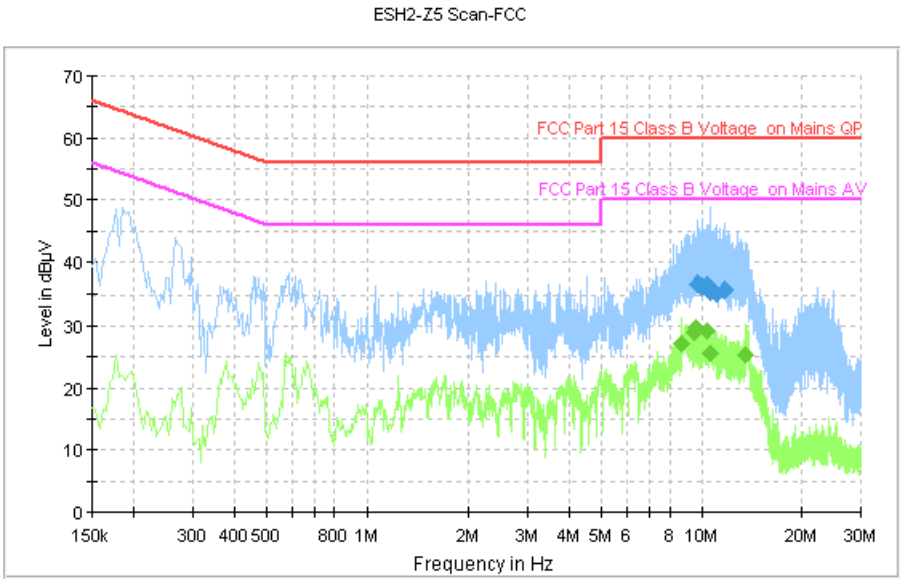

Fig.152 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
9.722000	36.6	GND	N	9.9	23.4	60.0
9.998000	36.2	GND	N	9.9	23.8	60.0
10.410000	36.5	GND	N	9.9	23.5	60.0
10.610000	35.3	GND	N	9.9	24.7	60.0
11.122000	35.1	GND	N	9.9	24.9	60.0
11.706000	35.6	GND	N	9.9	24.4	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
8.670000	27.0	GND	N	9.8	23.0	50.0
9.470000	29.0	GND	N	9.9	21.0	50.0
9.562000	29.7	GND	N	9.9	20.3	50.0
10.334000	29.3	GND	N	9.9	20.7	50.0
10.618000	25.7	GND	N	9.9	24.3	50.0
13.538000	25.4	GND	N	9.9	24.6	50.0

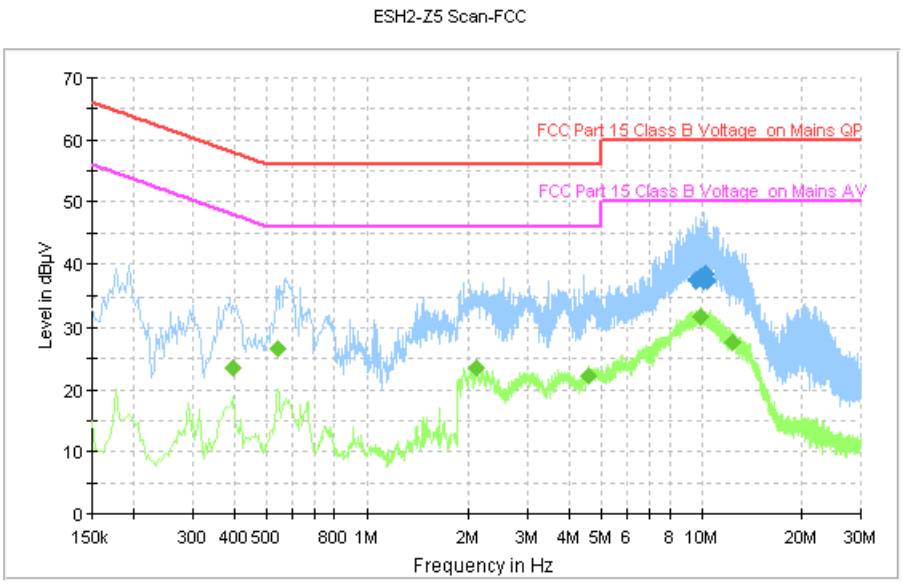

Fig.153 AC Power line Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
9.606000	37.4	GND	N	9.9	22.6	60.0
9.954000	38.0	GND	N	9.9	22.0	60.0
10.130000	37.9	GND	N	9.8	22.1	60.0
10.166000	37.6	GND	N	9.8	22.4	60.0
10.206000	38.6	GND	N	9.8	21.4	60.0
10.366000	37.5	GND	N	9.9	22.5	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.398000	23.5	GND	N	9.6	24.4	47.9
0.542000	26.7	GND	N	9.7	19.3	46.0
2.106000	23.6	GND	N	9.6	22.4	46.0
4.570000	22.2	GND	N	9.6	23.8	46.0
9.894000	31.9	GND	N	9.9	18.1	50.0
12.426000	27.7	GND	N	9.9	22.3	50.0

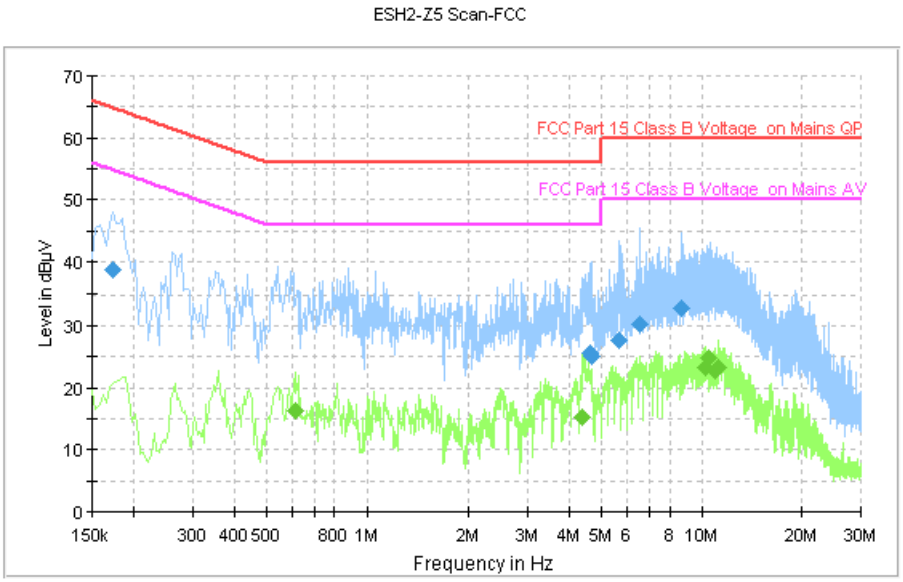

Fig.154 AC Powerline Conducted Emission (Traffic, AE2)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.174000	38.7	GND	N	9.6	26.0	64.8
4.642000	25.7	GND	N	9.6	30.3	56.0
4.654000	25.0	GND	N	9.6	31.0	56.0
5.674000	27.8	GND	N	9.7	32.2	60.0
6.486000	30.3	GND	N	9.7	29.7	60.0
8.686000	32.8	GND	N	9.8	27.2	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.610000	16.3	GND	N	9.6	29.7	46.0
4.394000	15.1	GND	N	9.6	30.9	46.0
10.270000	23.2	GND	N	9.9	26.8	50.0
10.514000	24.7	GND	N	9.9	25.3	50.0
10.918000	22.8	GND	N	9.9	27.2	50.0
11.214000	23.2	GND	N	9.9	26.8	50.0

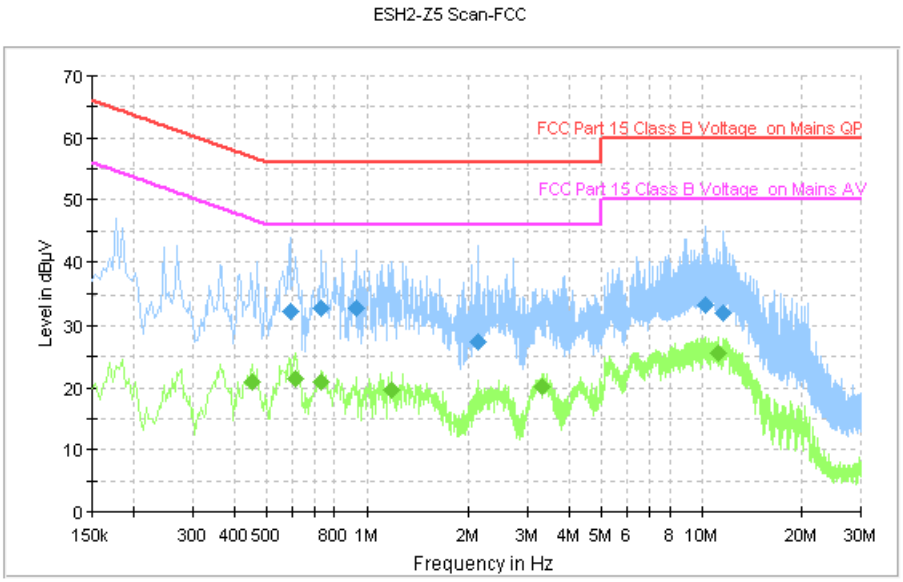

Fig.155 AC Power line Conducted Emission (Idle, AE2)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.590000	32.3	GND	N	9.6	23.7	56.0
0.730000	32.9	GND	N	9.5	23.1	56.0
0.930000	32.8	GND	N	9.6	23.2	56.0
2.130000	27.4	GND	N	9.6	28.6	56.0
10.206000	33.3	GND	N	9.8	26.7	60.0
11.554000	32.0	GND	N	9.9	28.0	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.454000	21.0	GND	N	9.7	25.8	46.8
0.610000	21.5	GND	N	9.6	24.5	46.0
0.726000	20.9	GND	N	9.5	25.1	46.0
1.186000	19.6	GND	N	9.5	26.4	46.0
3.326000	20.2	GND	N	9.6	25.8	46.0
11.222000	25.6	GND	N	9.9	24.4	50.0

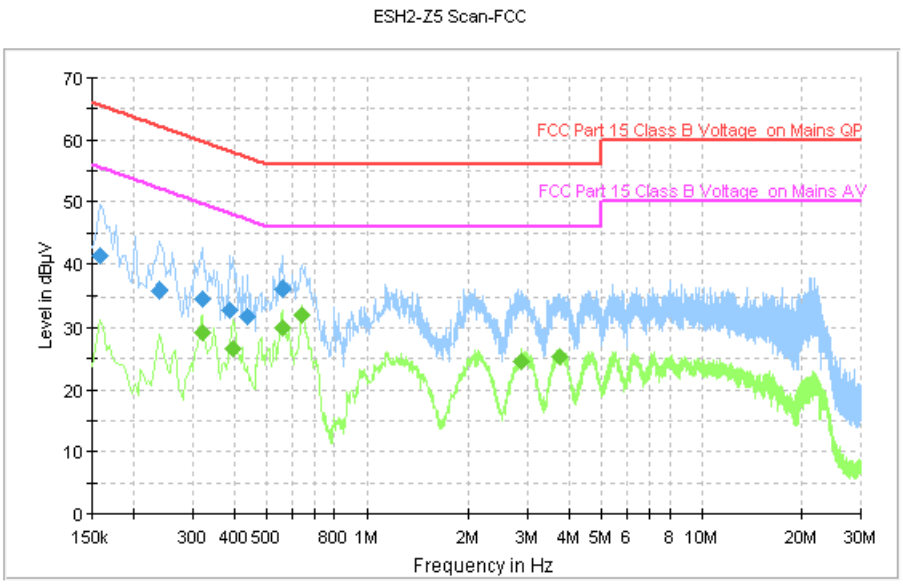

Fig.156 AC Powerline Conducted Emission (Traffic, AE3)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	41.2	GND	N	9.6	24.3	65.6
0.238000	35.9	GND	N	9.6	26.2	62.2
0.322000	34.6	GND	N	9.6	25.1	59.7
0.390000	32.7	GND	N	9.6	25.4	58.1
0.438000	31.8	GND	N	9.7	25.3	57.1
0.558000	36.2	GND	N	9.7	19.8	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.322000	29.3	GND	N	9.6	20.4	49.7
0.398000	26.5	GND	N	9.6	21.4	47.9
0.558000	30.0	GND	N	9.7	16.0	46.0
0.638000	32.1	GND	N	9.6	13.9	46.0
2.890000	24.6	GND	N	9.6	21.4	46.0
3.754000	25.3	GND	N	9.6	20.7	46.0

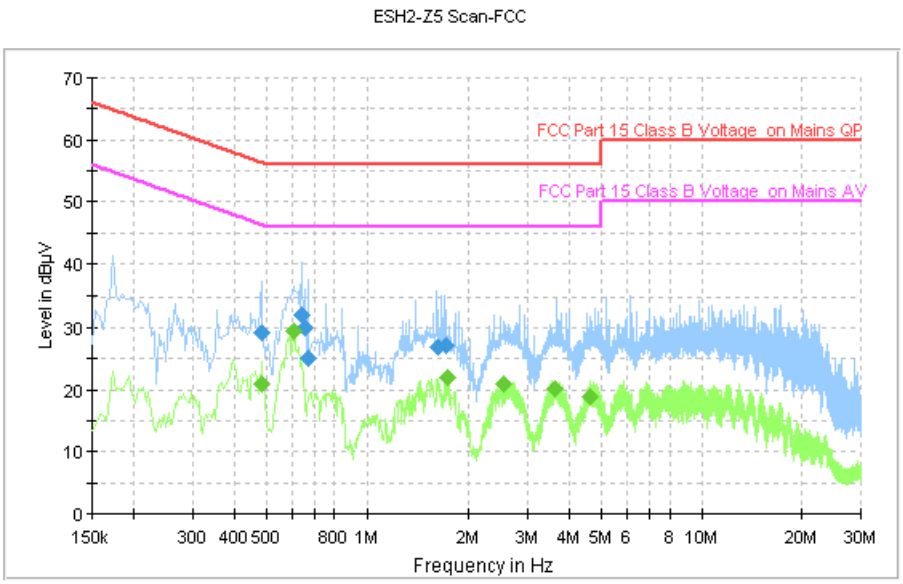

Fig.157 AC Power line Conducted Emission (Idle, AE3)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.482000	29.2	GND	N	9.7	27.2	56.3
0.638000	32.0	GND	N	9.6	24.0	56.0
0.654000	30.1	GND	N	9.6	25.9	56.0
0.666000	25.0	GND	N	9.5	31.0	56.0
1.614000	26.9	GND	N	9.6	29.1	56.0
1.702000	27.0	GND	N	9.6	29.0	56.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.482000	20.8	GND	N	9.7	25.5	46.3
0.606000	29.5	GND	N	9.6	16.5	46.0
1.734000	21.9	GND	N	9.6	24.1	46.0
2.546000	21.0	GND	N	9.6	25.0	46.0
3.614000	20.3	GND	N	9.6	25.7	46.0
4.650000	18.8	GND	N	9.6	27.2	46.0

ANNEX C: Persons involved in this testing

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

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