

Fig.51 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS4)

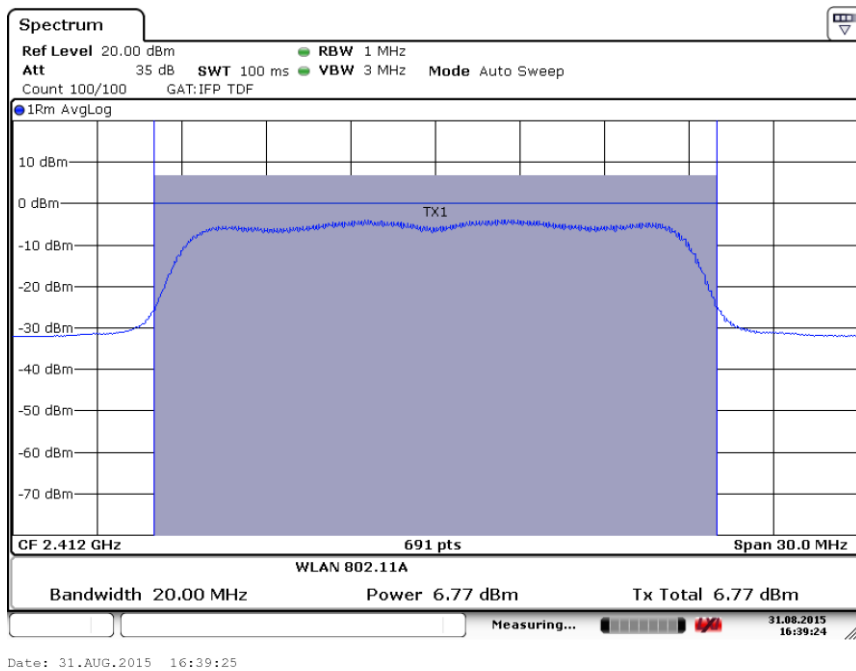


Fig.52 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS5)

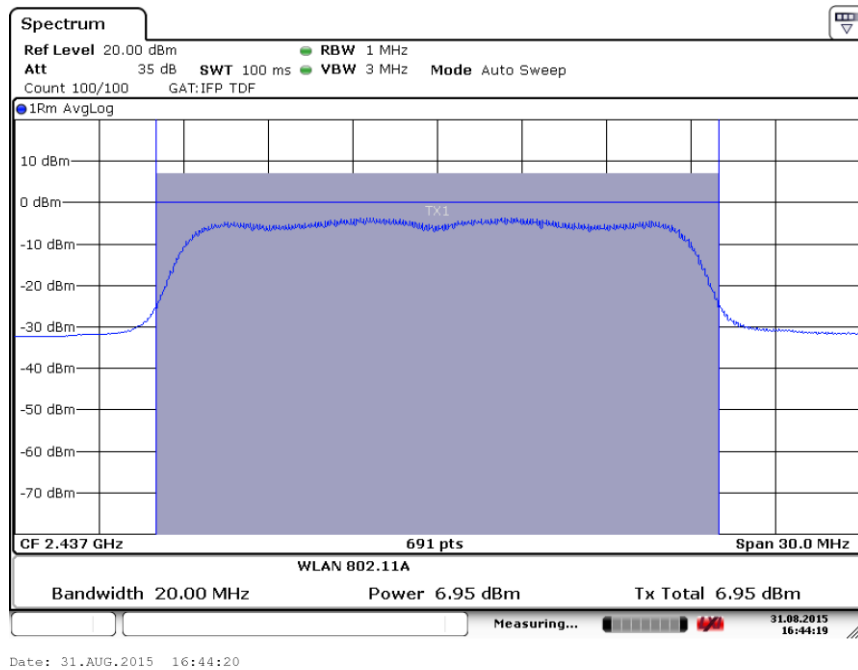


Fig.53 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS5)

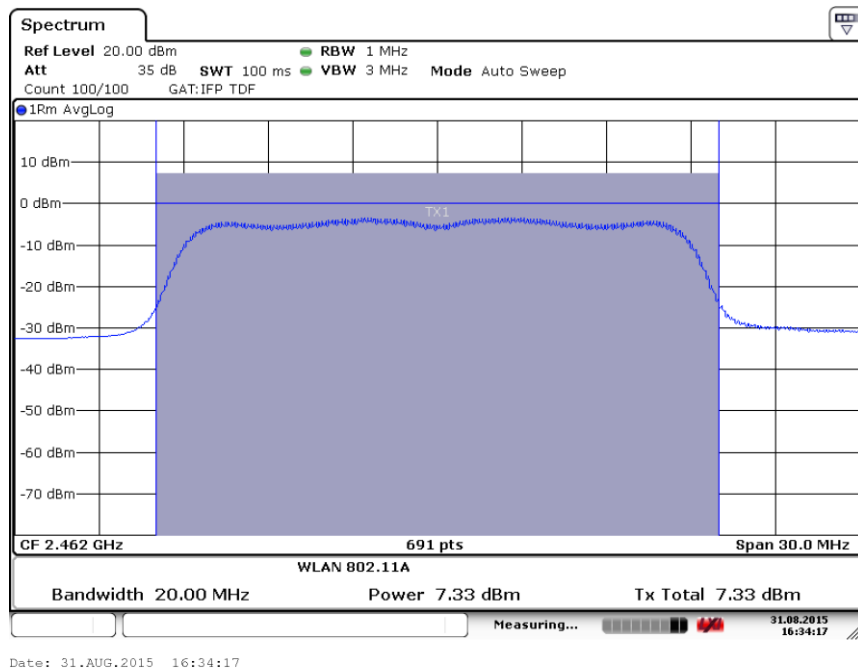
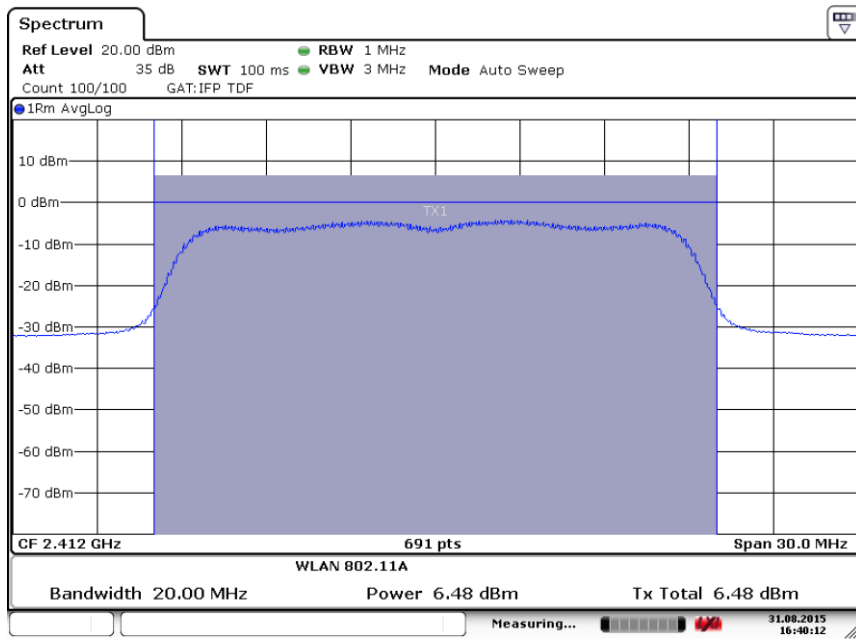
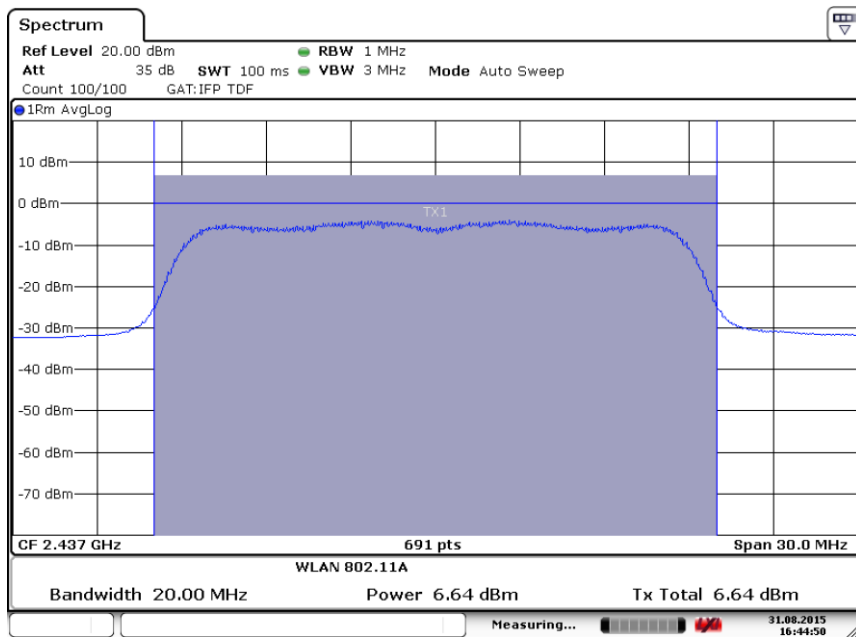


Fig.54 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS5)



Date: 31.AUG.2015 16:40:12

Fig.55 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS6)



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Fig.56 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS6)

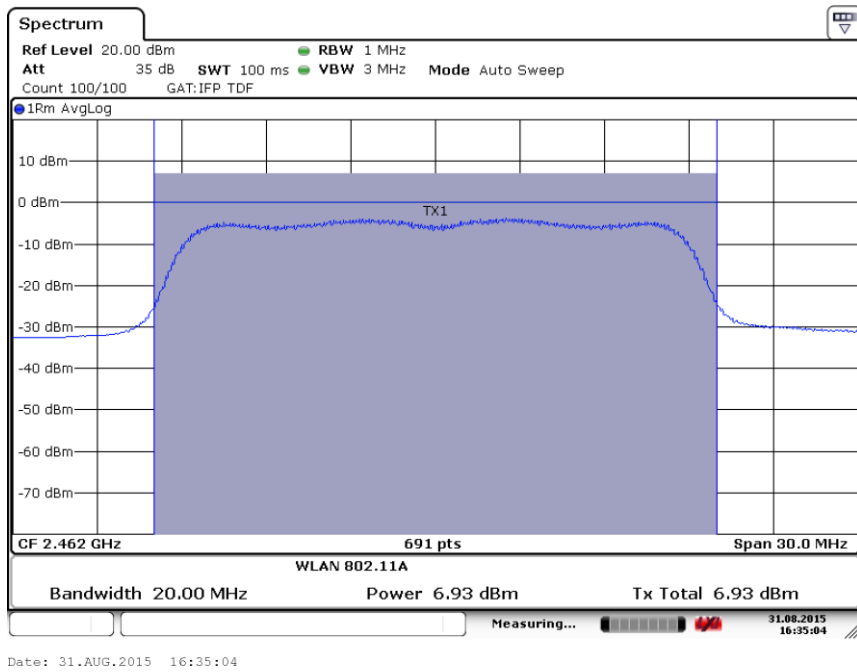


Fig.57 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS6)

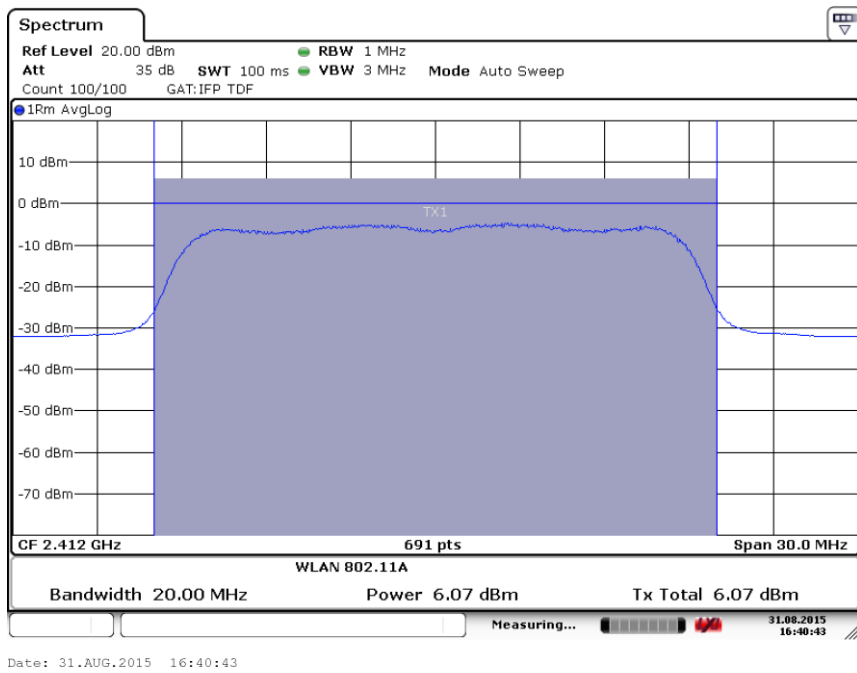


Fig.58 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS7)

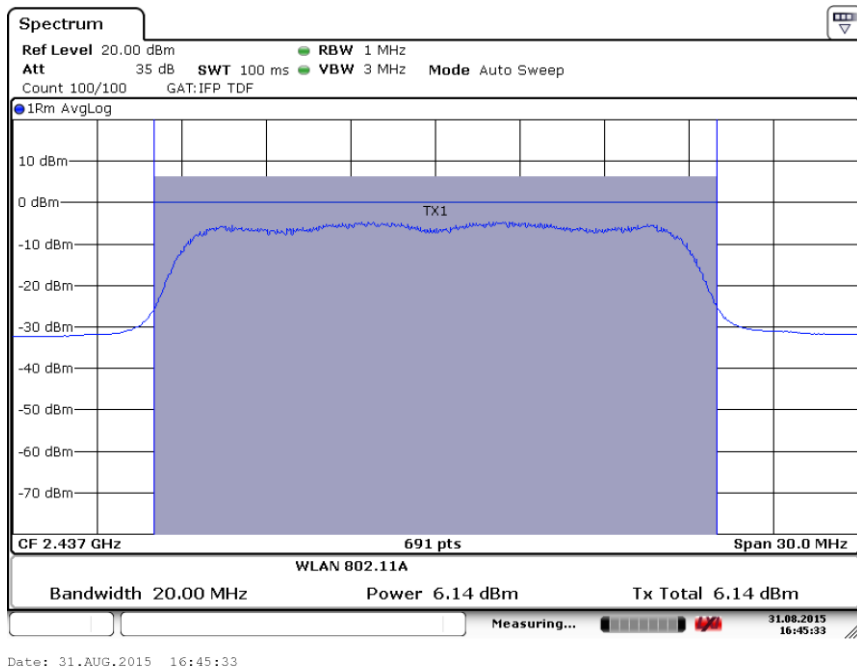


Fig.59 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS7)

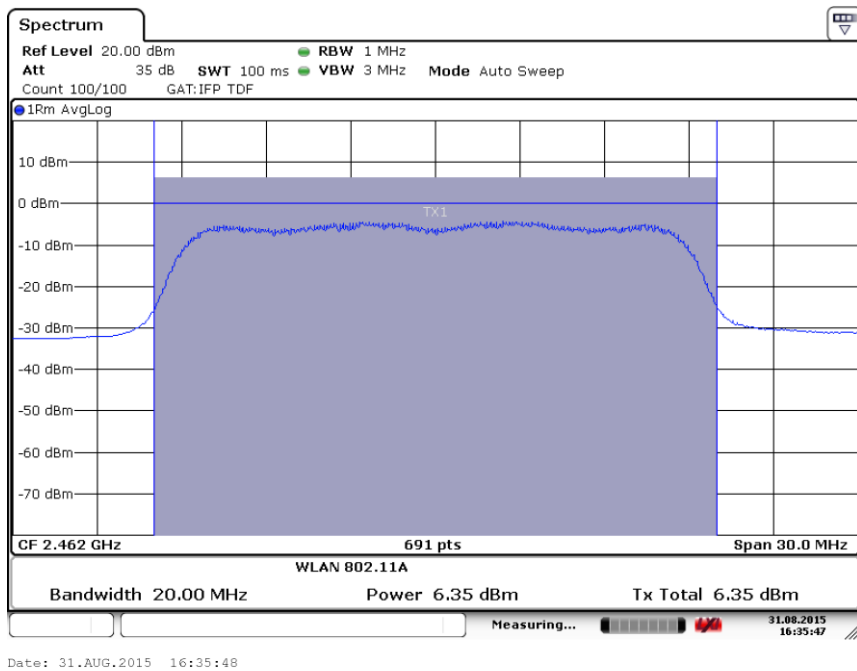
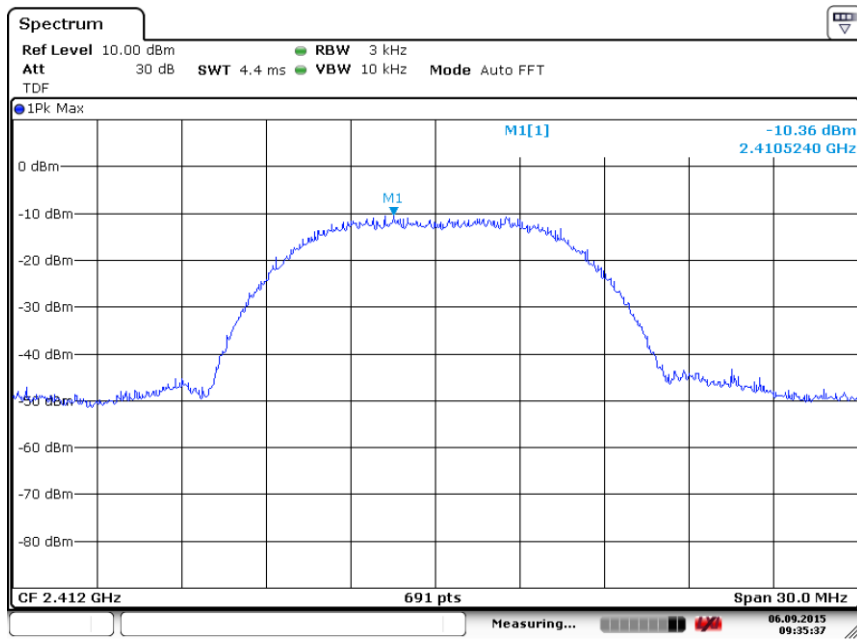
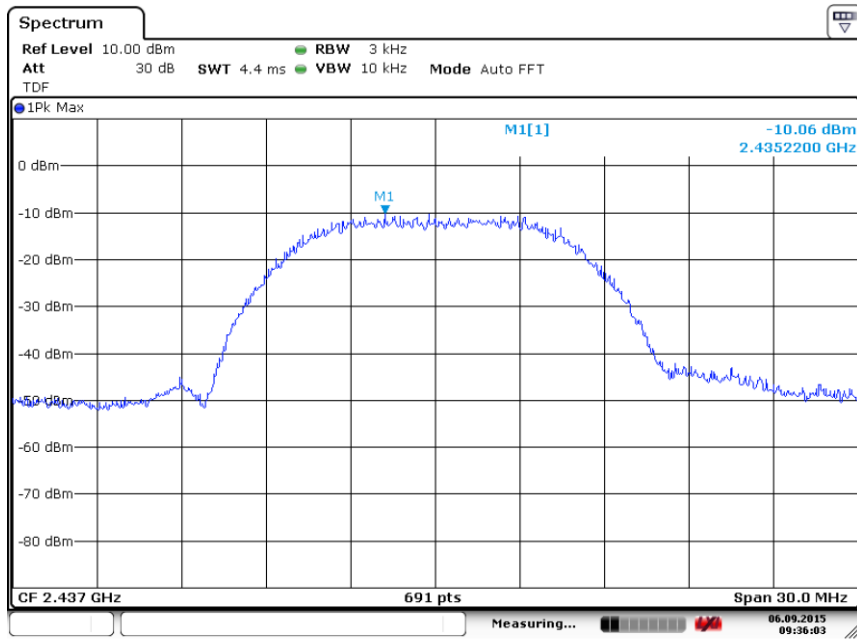


Fig.60 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS7)



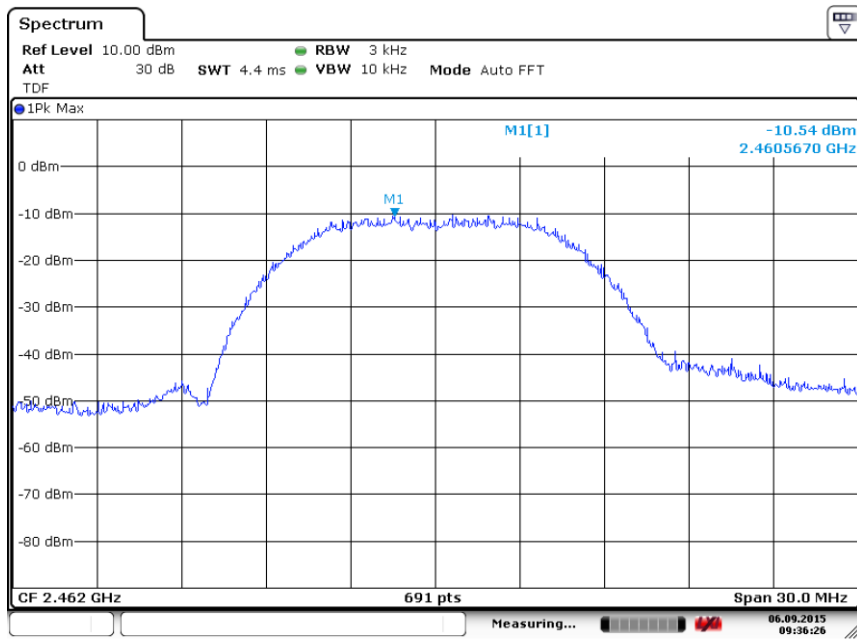
Date: 6.SEP.2015 09:35:36

Fig.61 Power Spectral Density (802.11b, Ch 1)



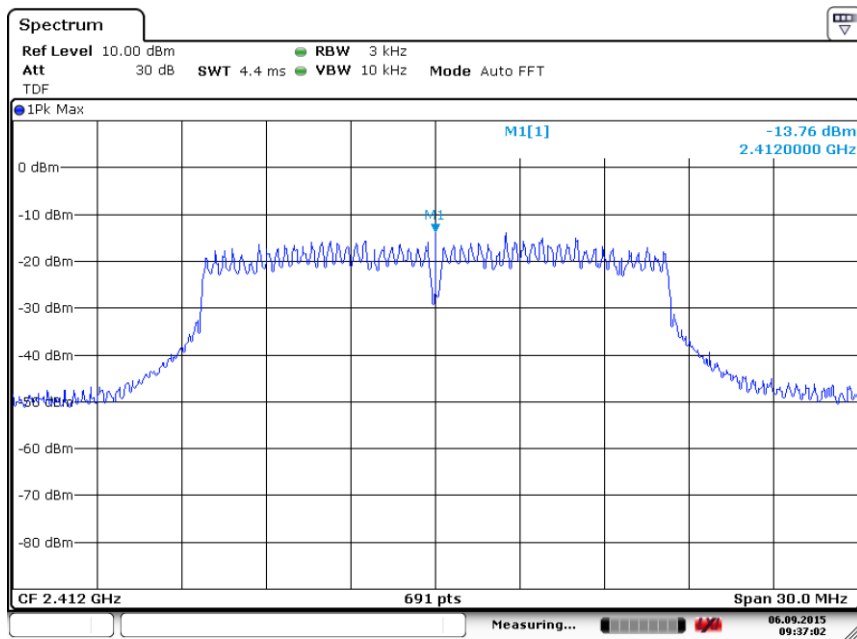
Date: 6.SEP.2015 09:36:02

Fig.62 Power Spectral Density (802.11b, Ch 6)



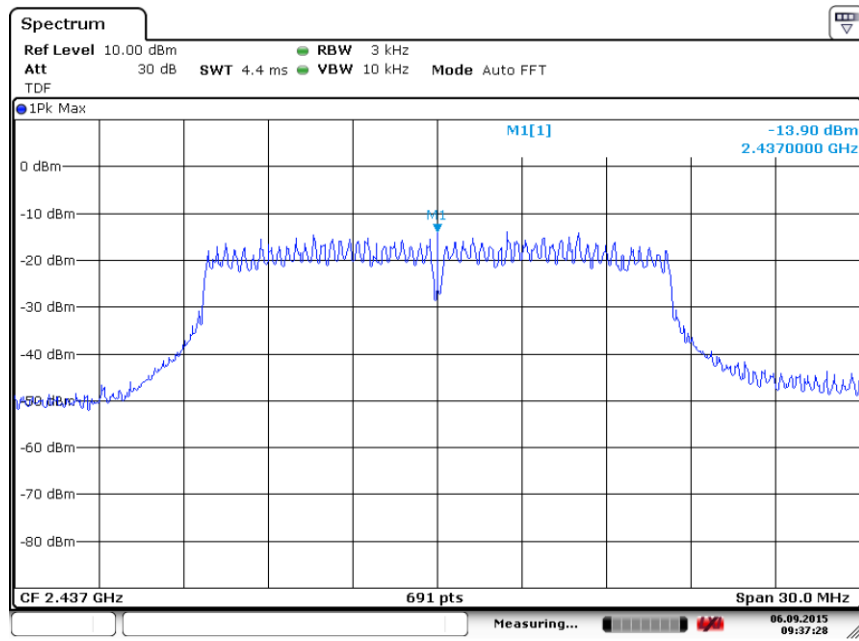
Date: 6.SEP.2015 09:36:25

Fig.63 Power Spectral Density (802.11b, Ch 11)



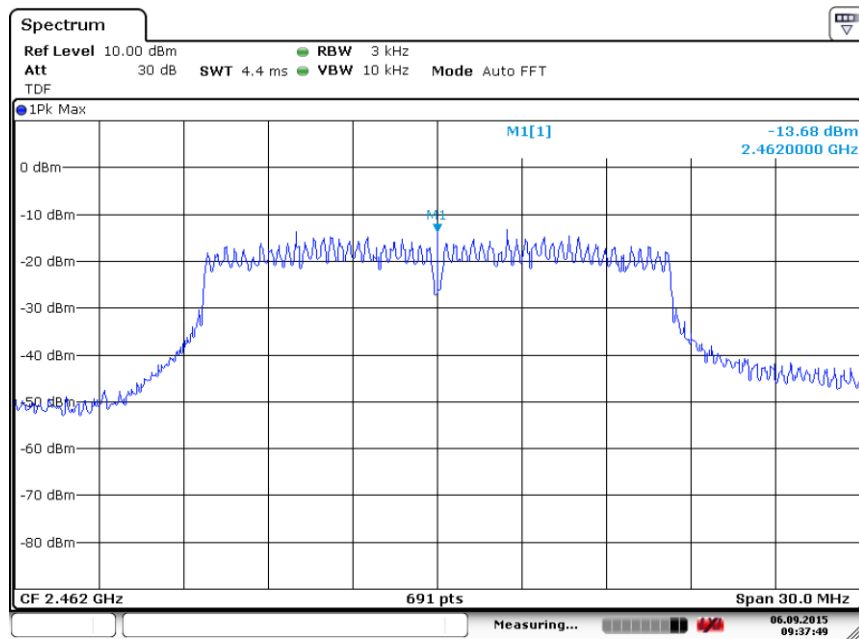
Date: 6.SEP.2015 09:37:02

Fig.64 Power Spectral Density (802.11g, Ch 1)



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Fig.65 Power Spectral Density (802.11g, Ch 6)



Date: 6.SEP.2015 09:37:49

Fig.66 Power Spectral Density (802.11g, Ch 11)

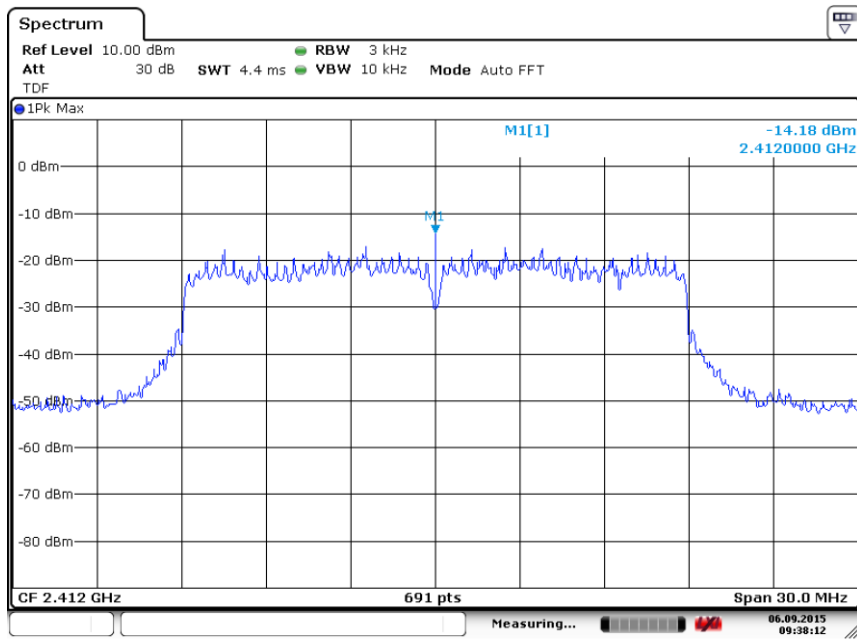


Fig.67 Power Spectral Density (802.11n-20MHz, Ch 1)

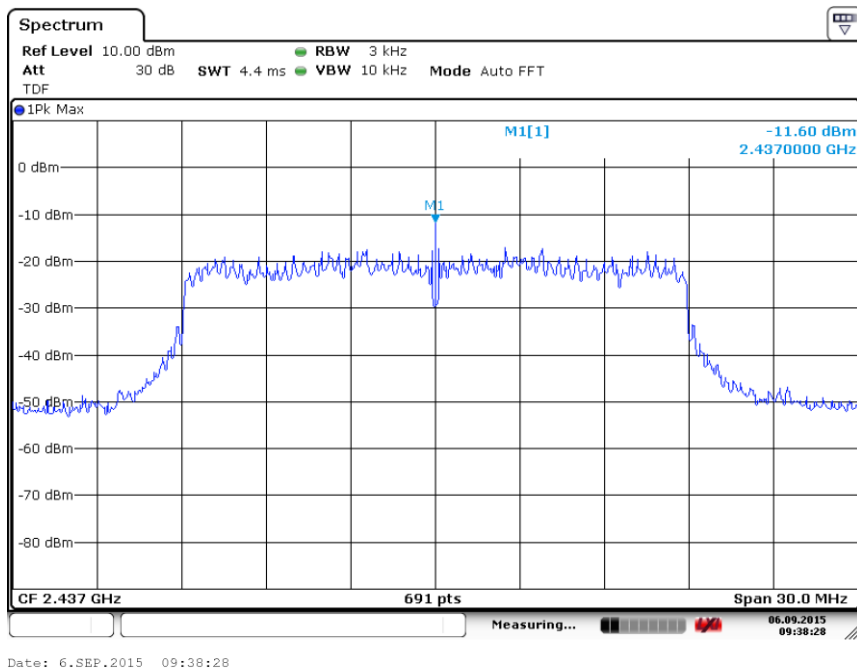
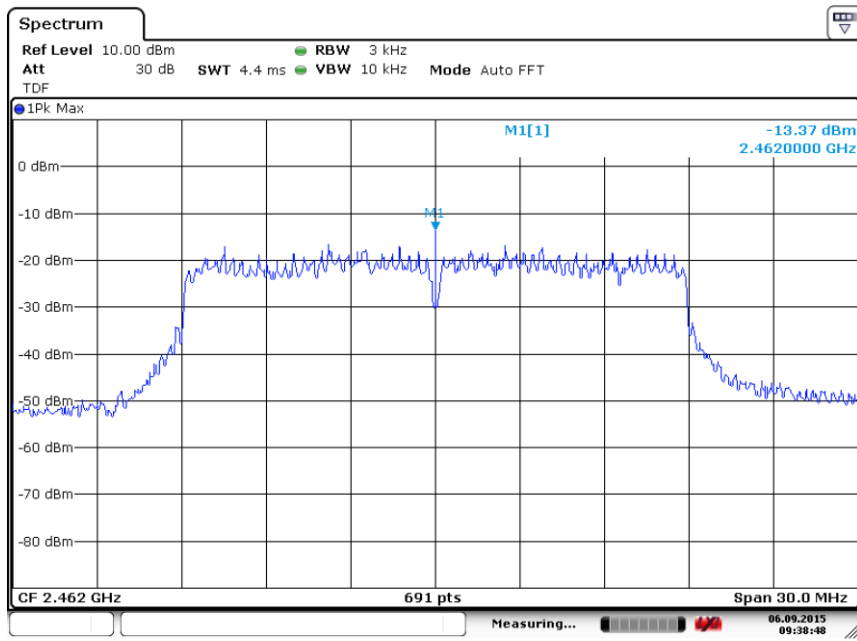
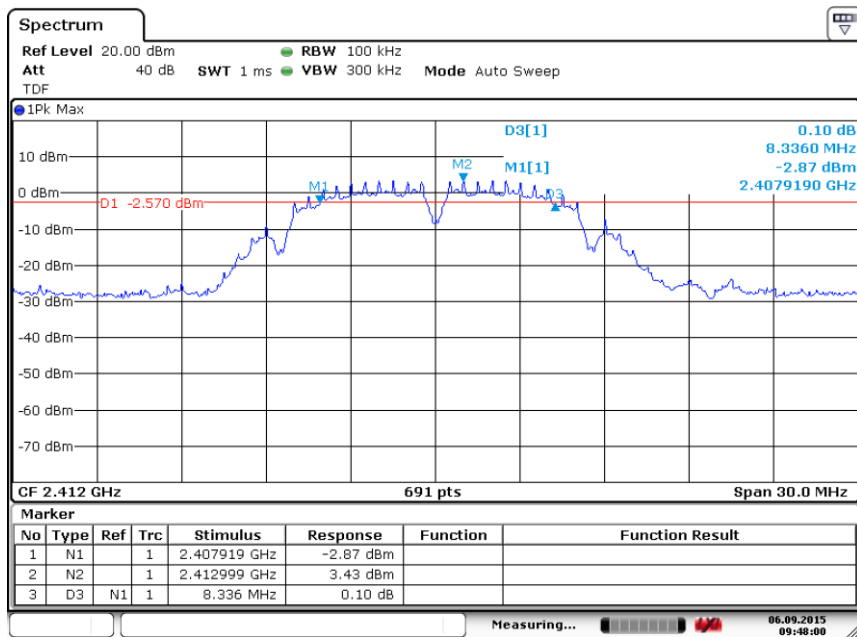


Fig.68 Power Spectral Density (802.11n-20MHz, Ch 6)



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Fig.69 Power Spectral Density (802.11n-20MHz, Ch 11)



Date: 6.SEP.2015 09:48:00

Fig.70 Occupied 6dB Bandwidth (802.11b, Ch 1)

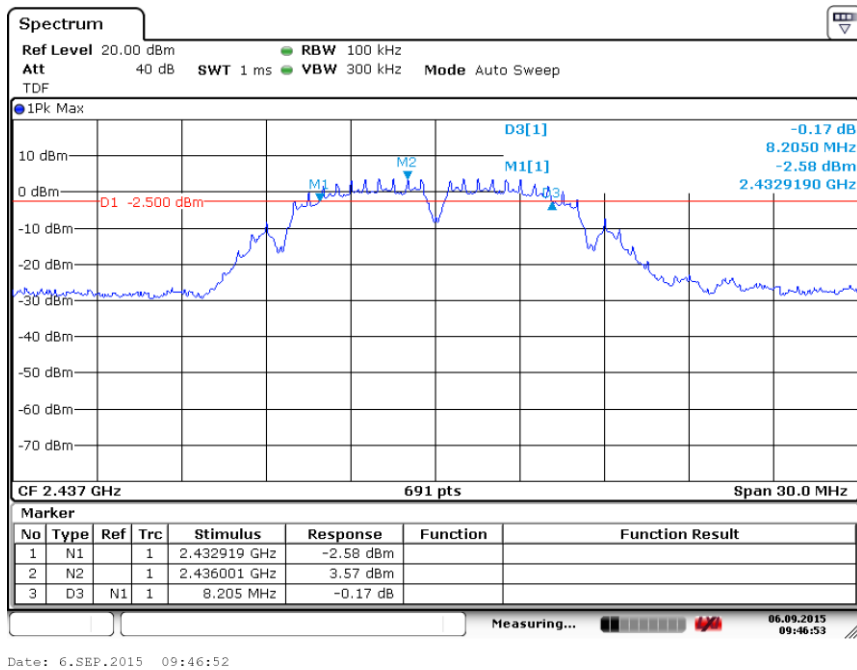


Fig.71 Occupied 6dB Bandwidth (802.11b, Ch 6)

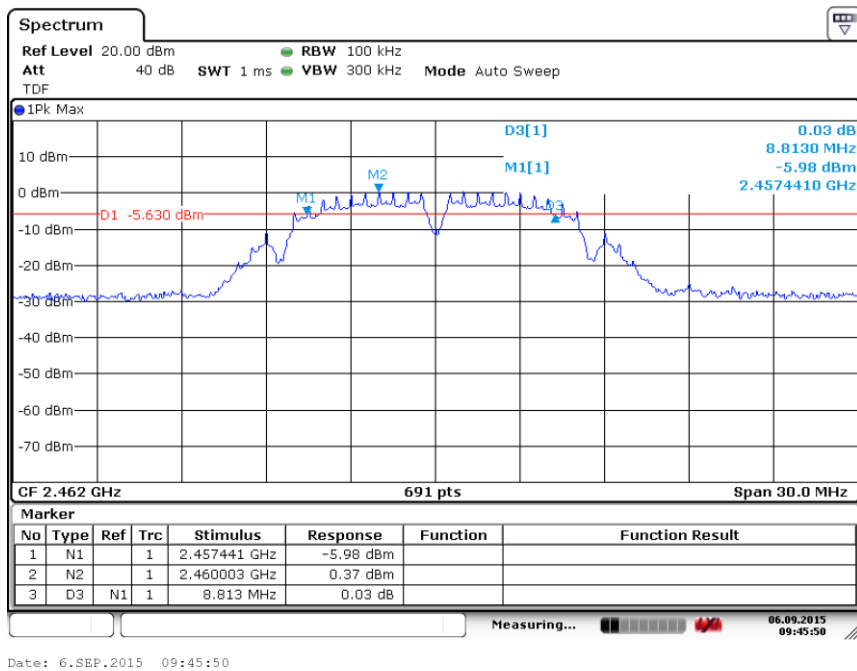
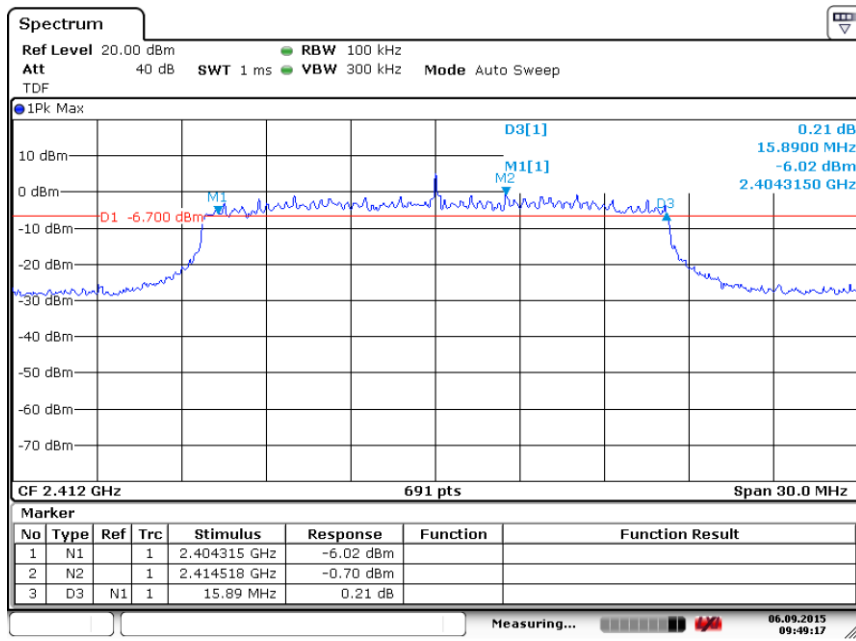
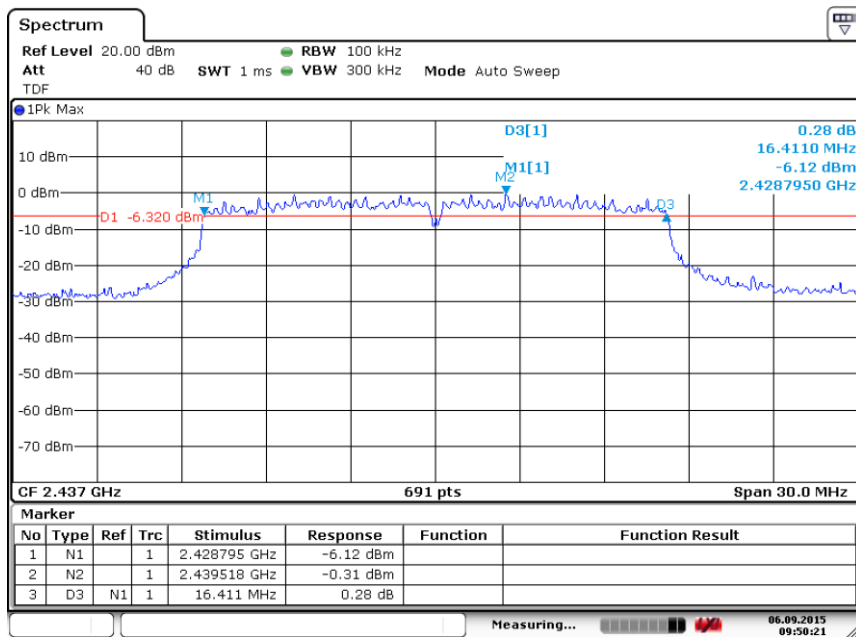


Fig.72 Occupied 6dB Bandwidth (802.11b, Ch 11)



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



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

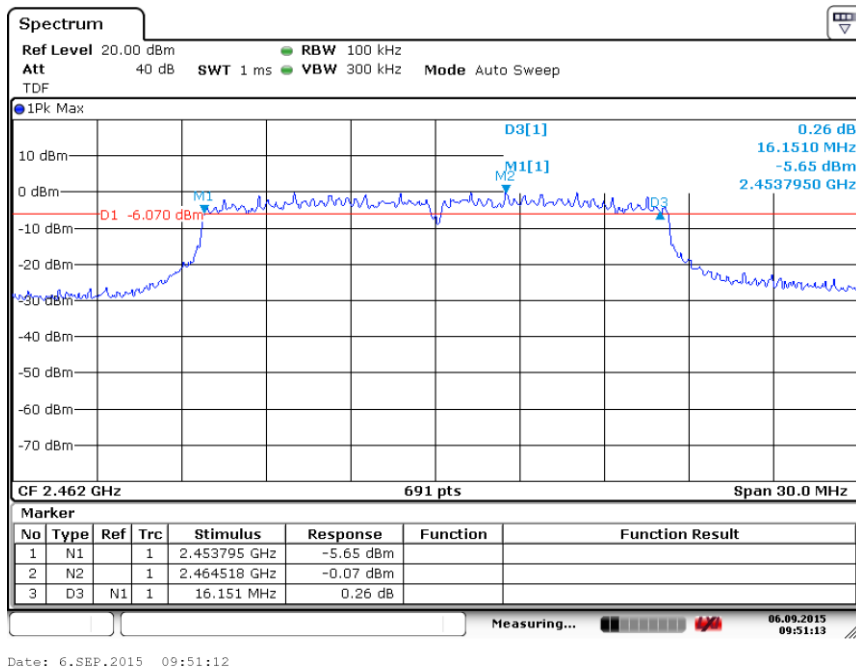


Fig.75 Occupied 6dB Bandwidth (802.11g, Ch 11)

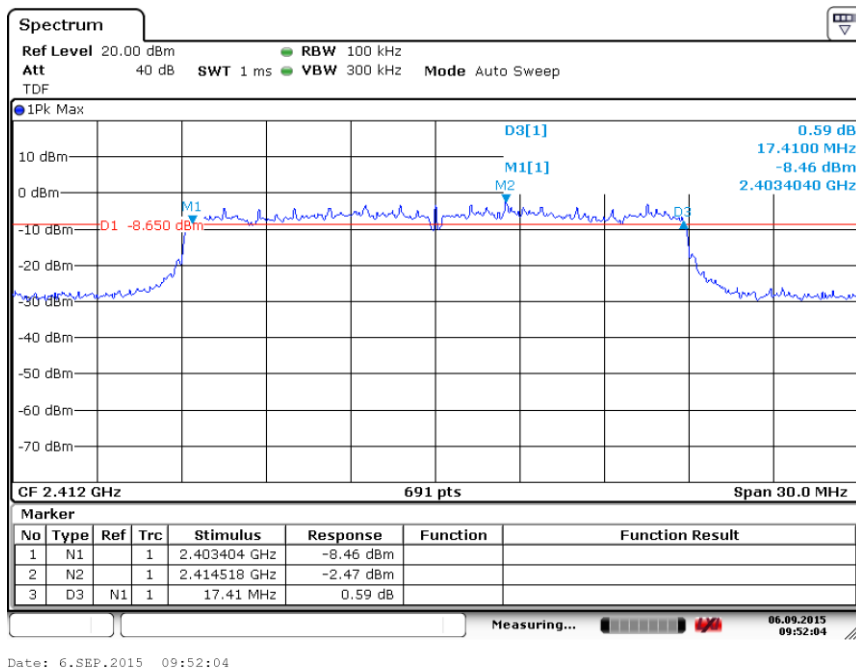


Fig.76 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 1)

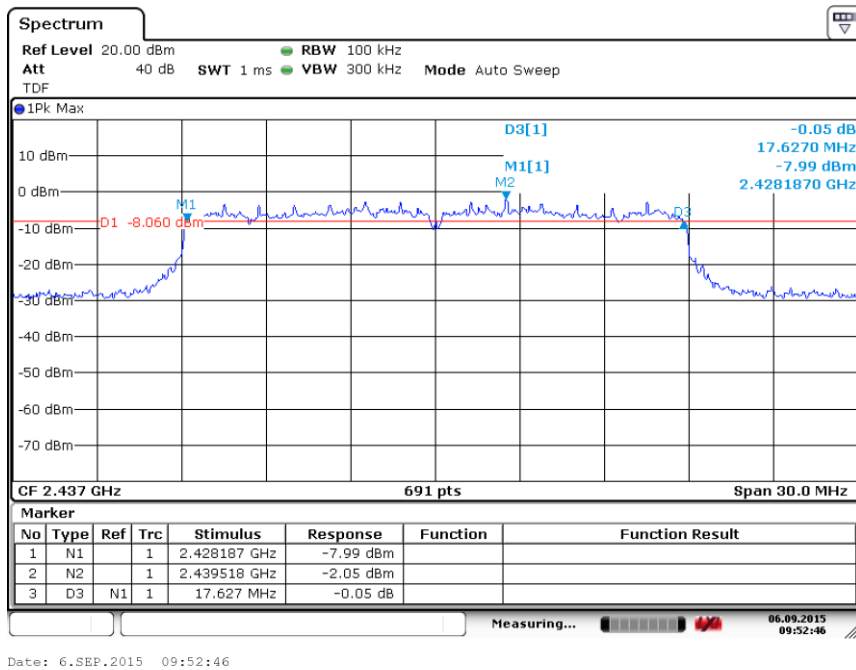


Fig.77 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 6)

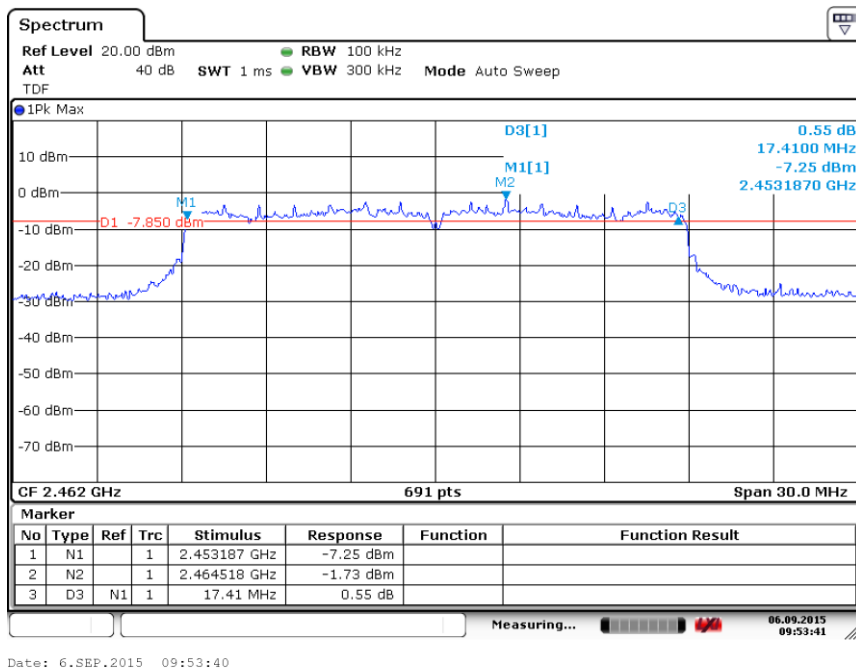


Fig.78 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 11)

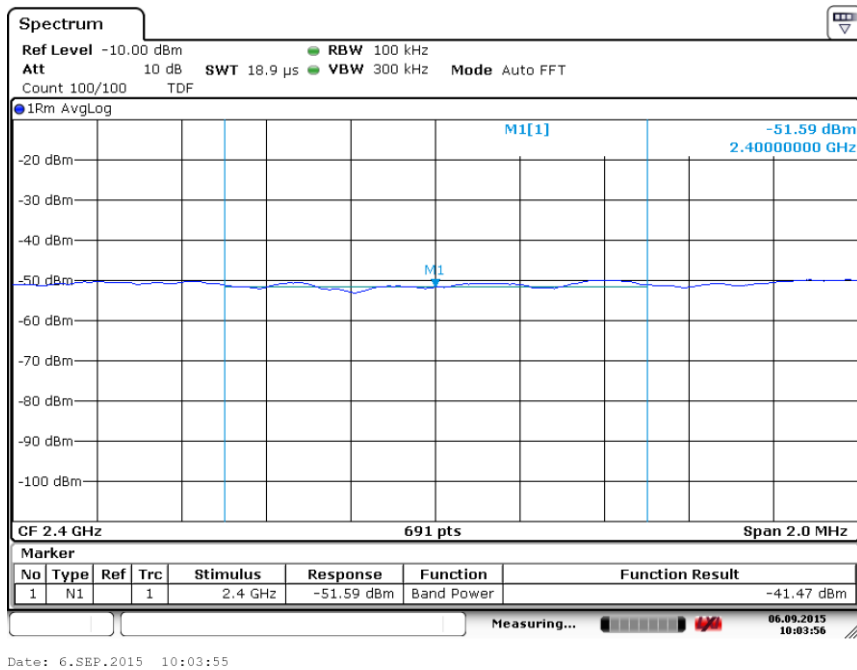


Fig.79 Band Edges (802.11b, Ch 1)

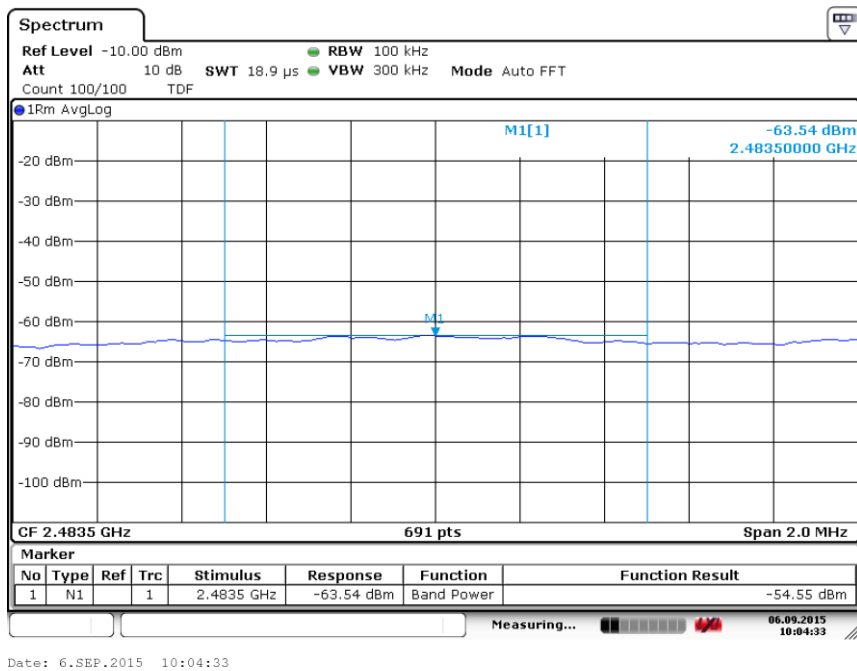


Fig.80 Band Edges (802.11b, Ch 11)

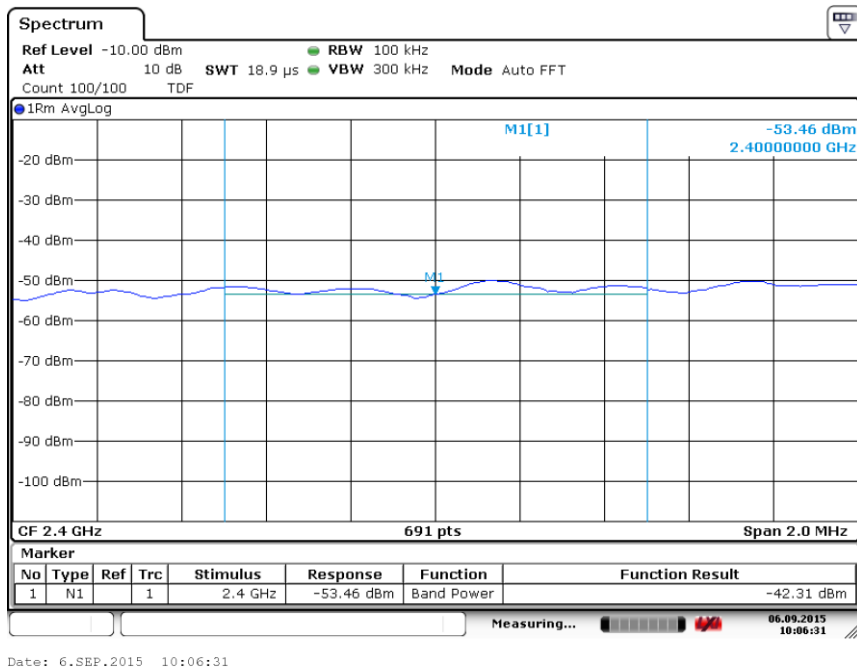


Fig.81 Band Edges (802.11g, Ch 1)

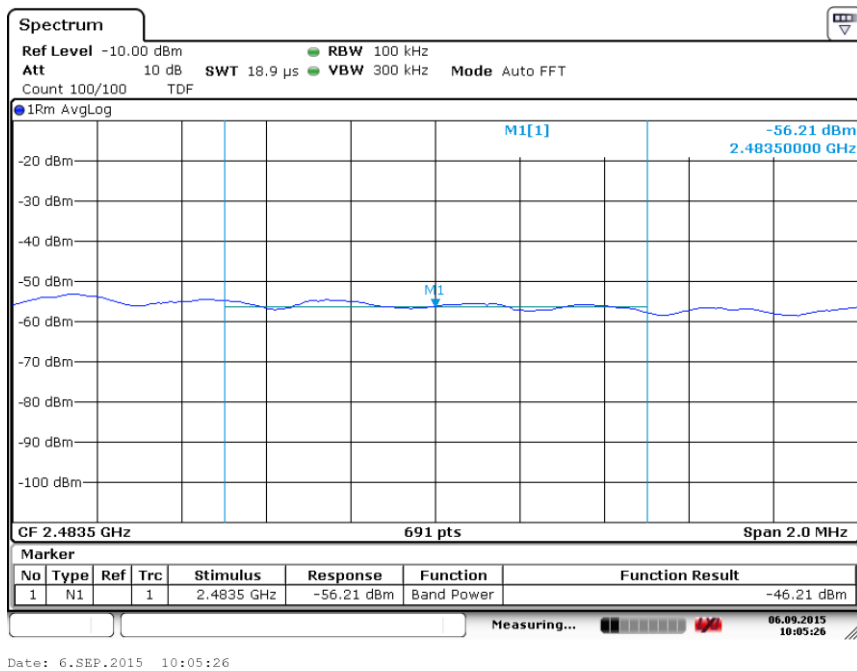


Fig.82 Band Edges (802.11g, Ch 11)

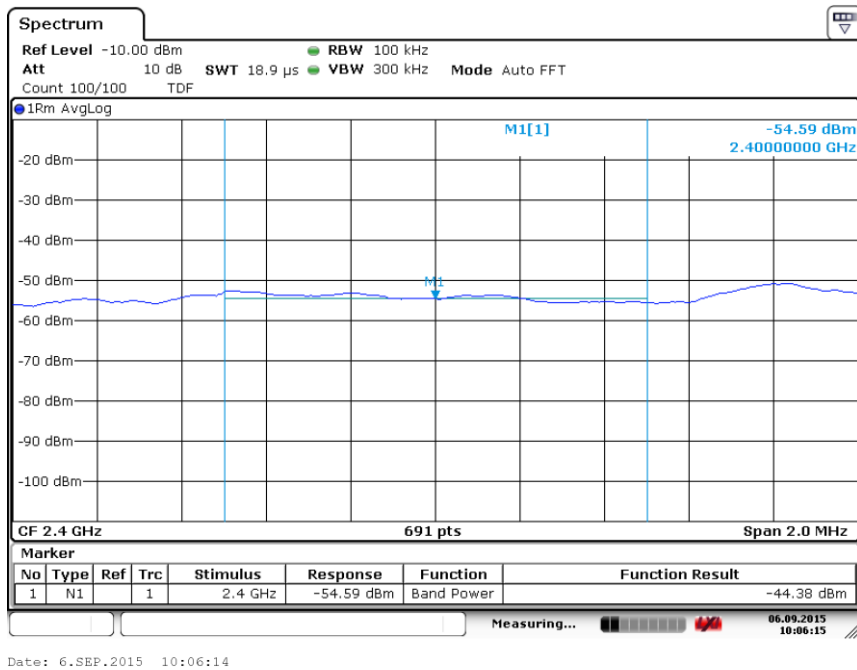


Fig.83 Band Edges (802.11 n-20MHz, Ch 1)

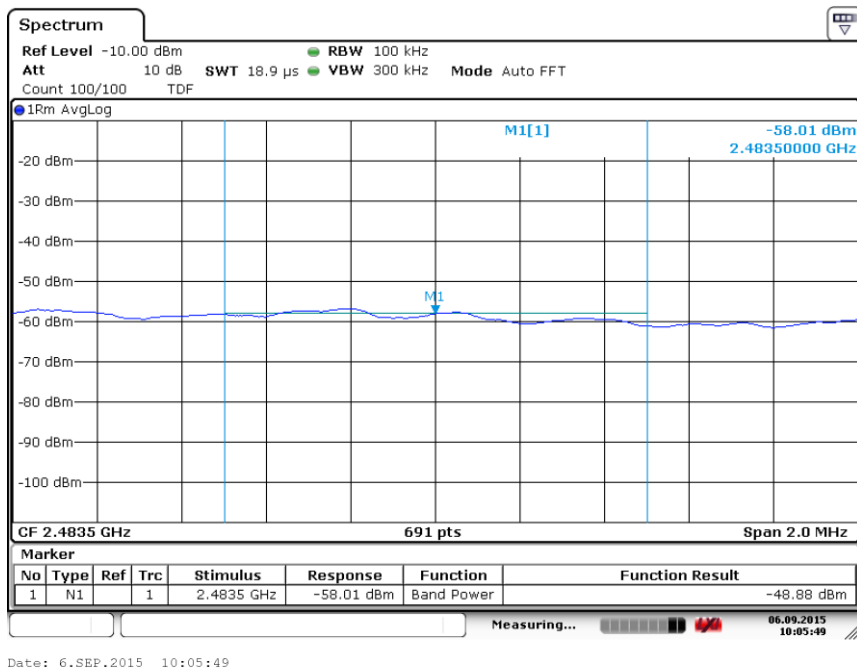


Fig.84 Band Edges (802.11 n-20MHz, Ch 11)

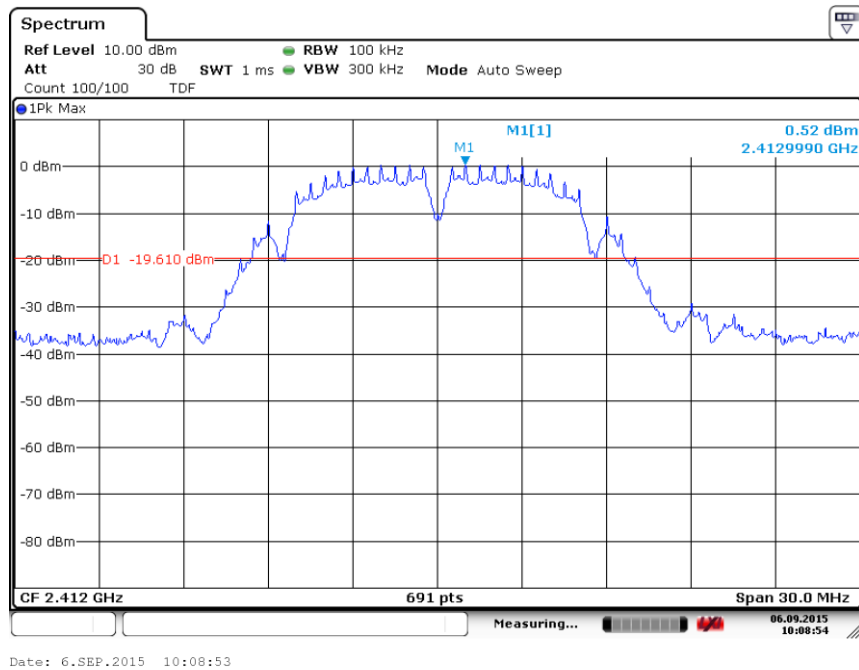


Fig.85 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)

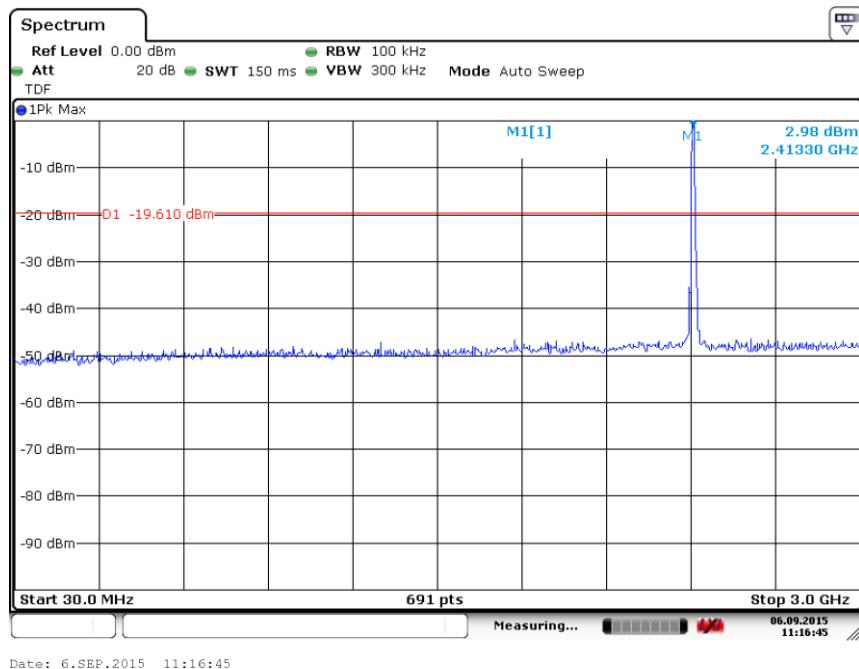


Fig.86 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-3 GHz)

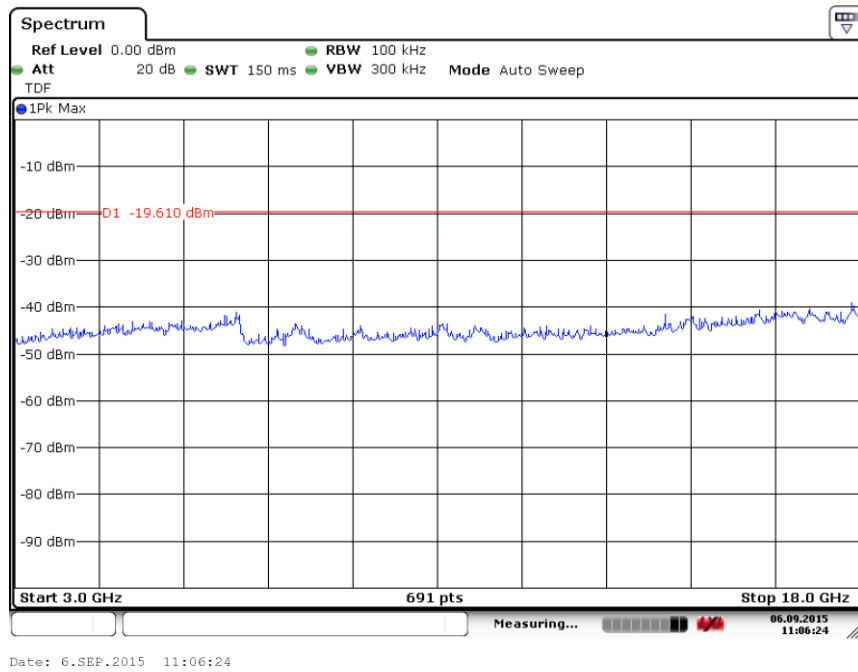


Fig.87 Conducted Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

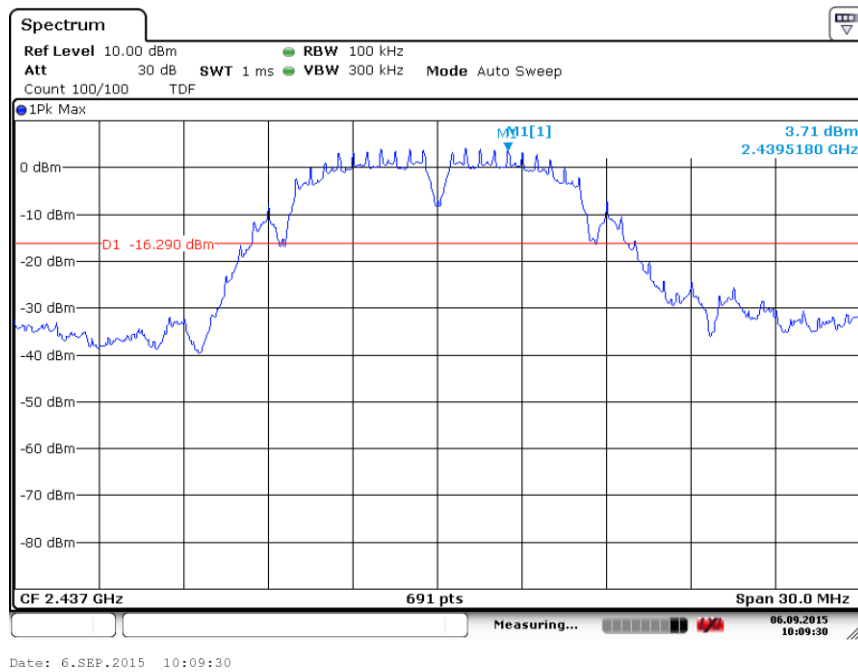
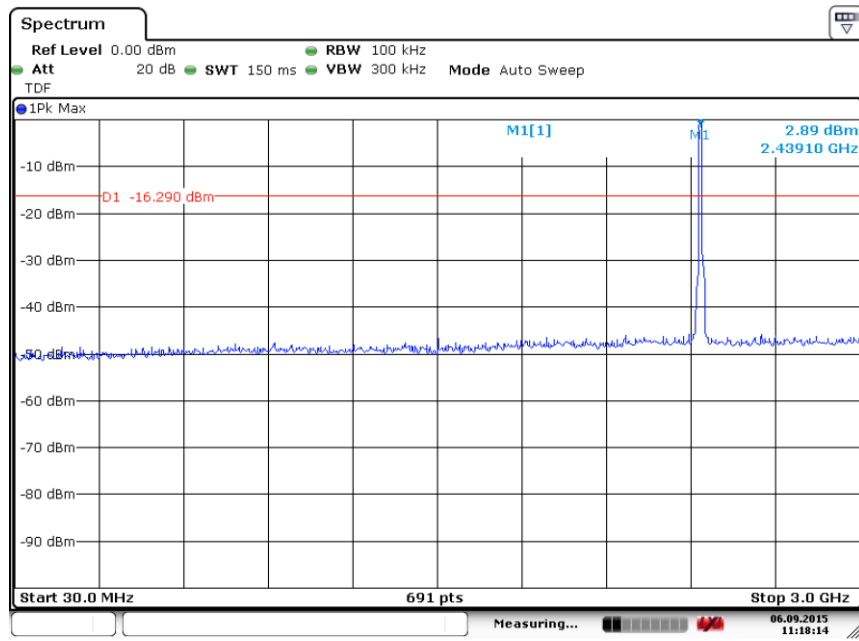
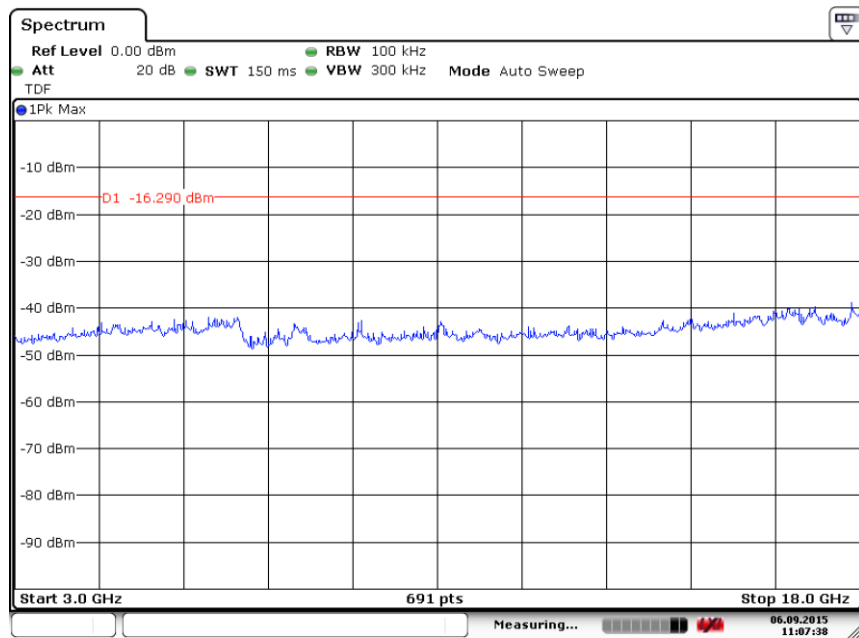


Fig.88 Conducted Spurious Emission (802.11b, Ch6, Center Frequency)



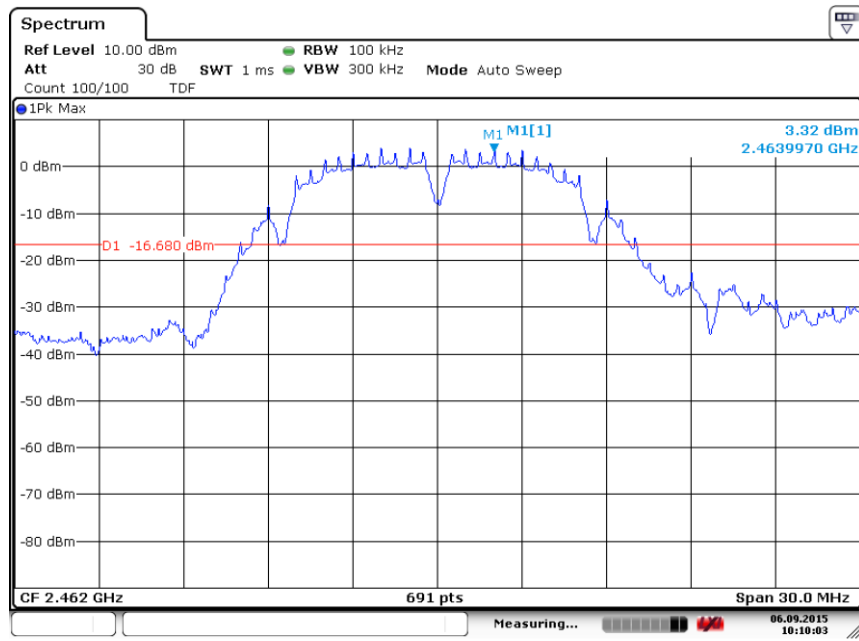
Date: 6.SEP.2015 11:18:14

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



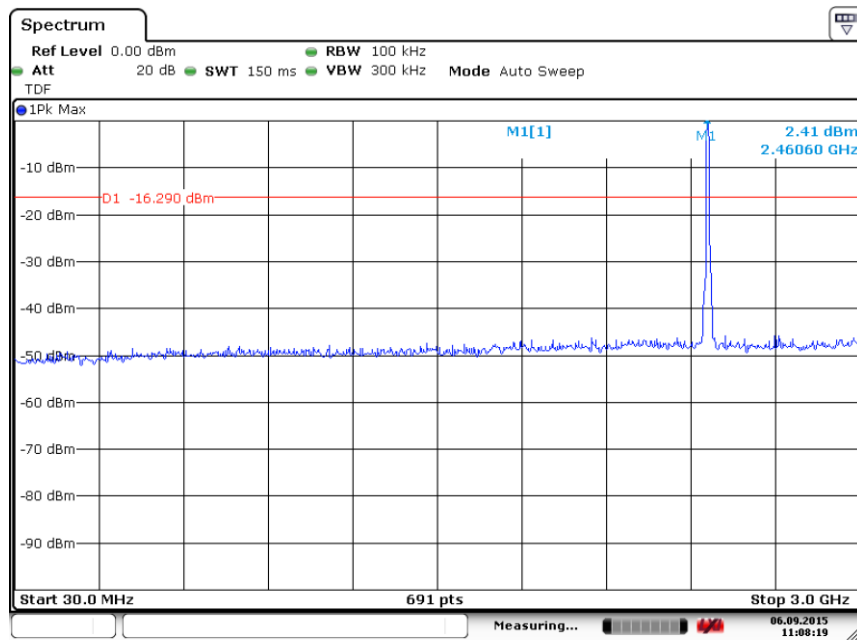
Date: 6.SEP.2015 11:07:38

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



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



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

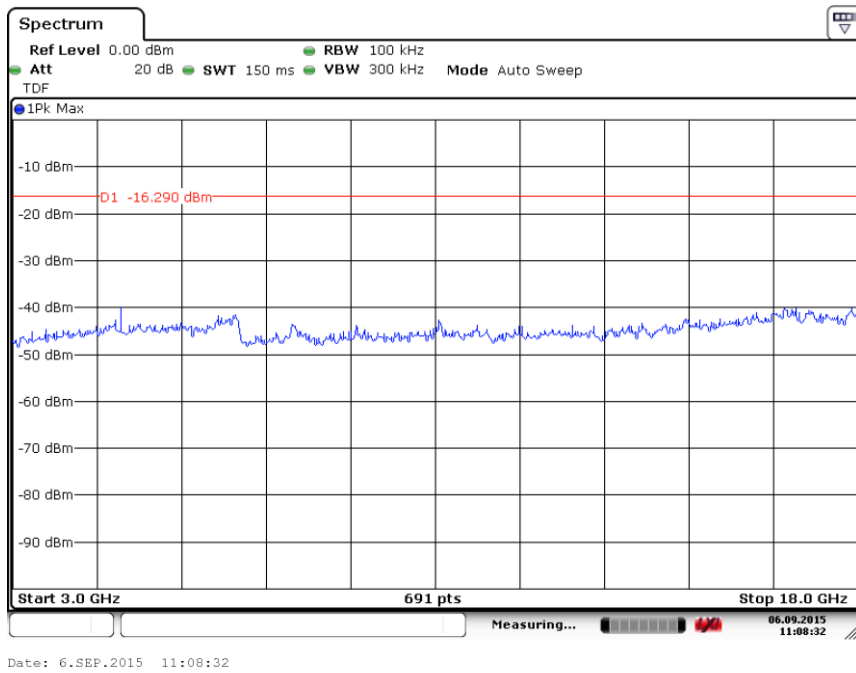


Fig.93 Conducted Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)

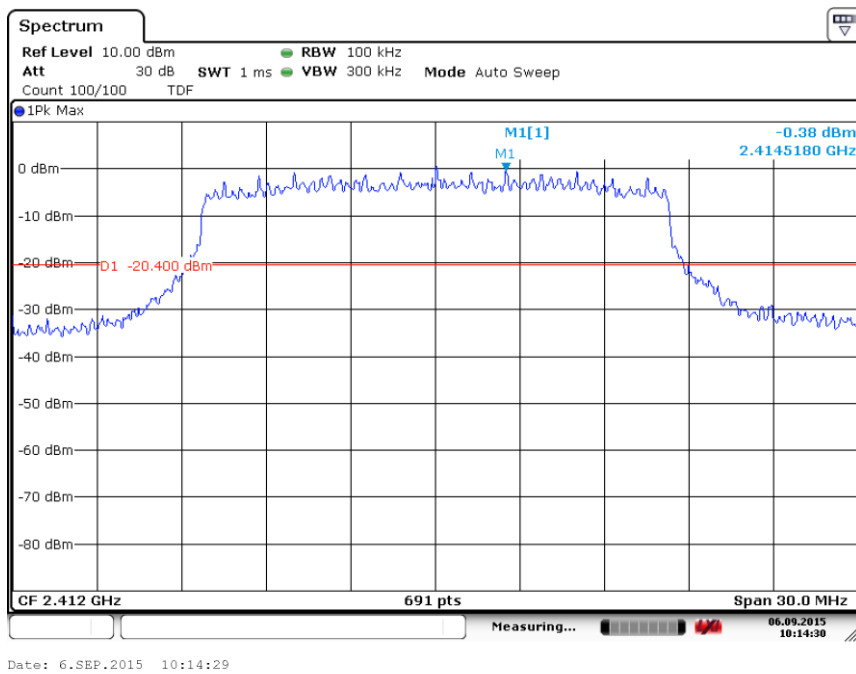


Fig.94 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)

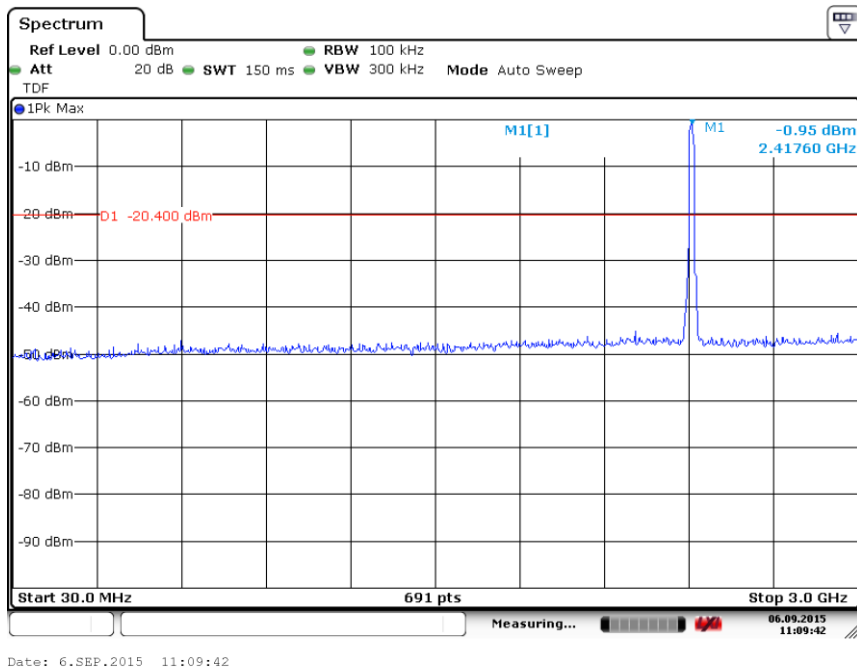


Fig.95 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-3 GHz)

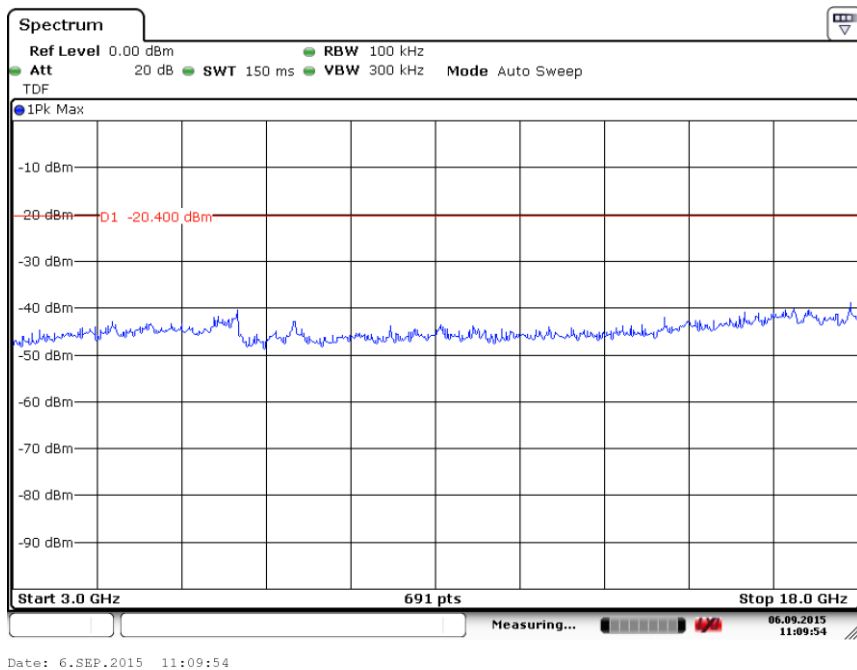


Fig.96 Conducted Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

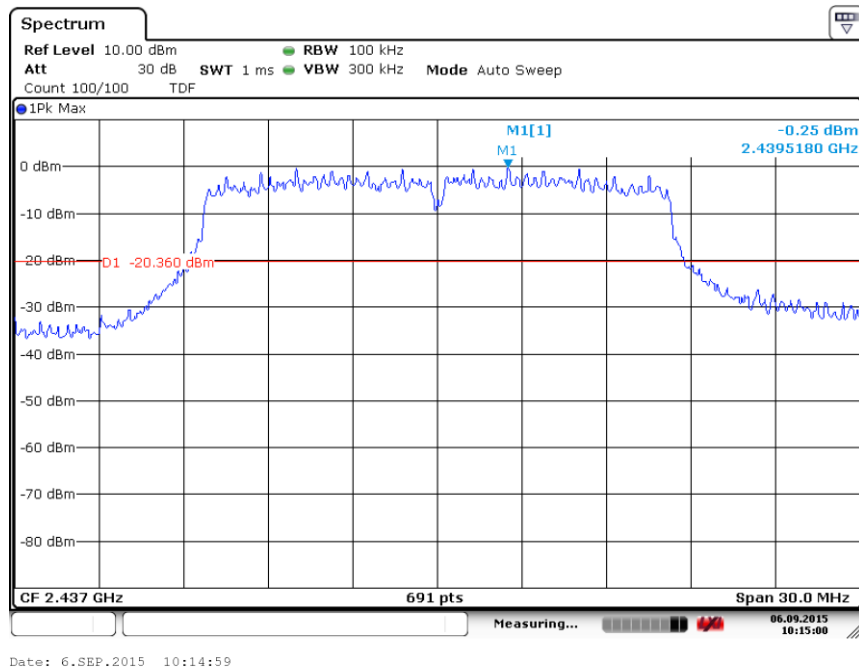


Fig.97 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)

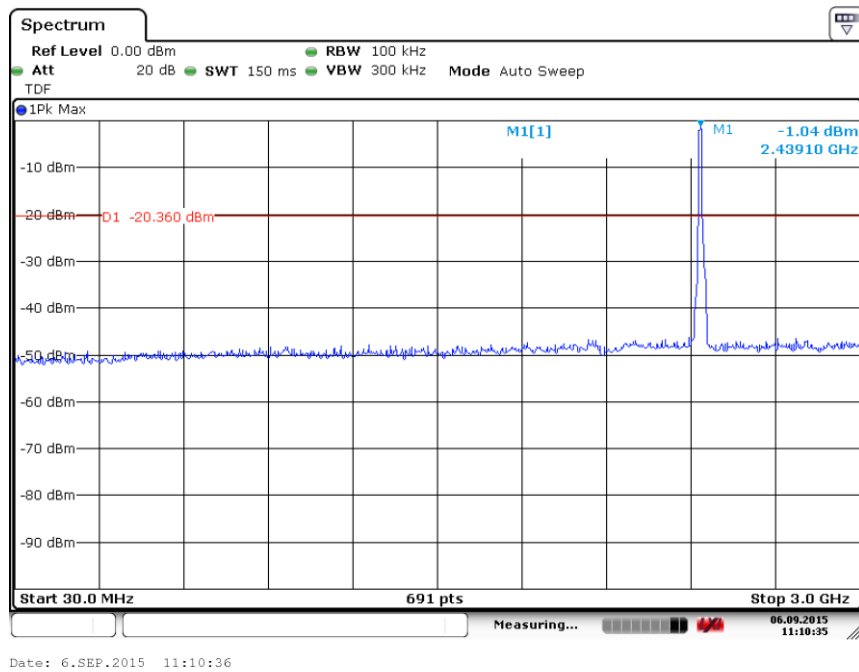


Fig.98 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-3 GHz)

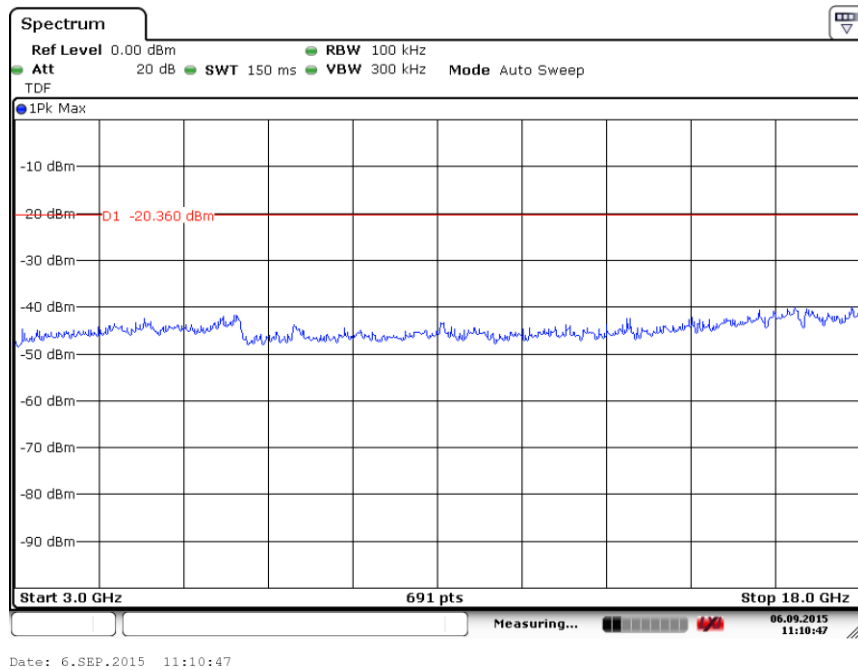


Fig.99 Conducted Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

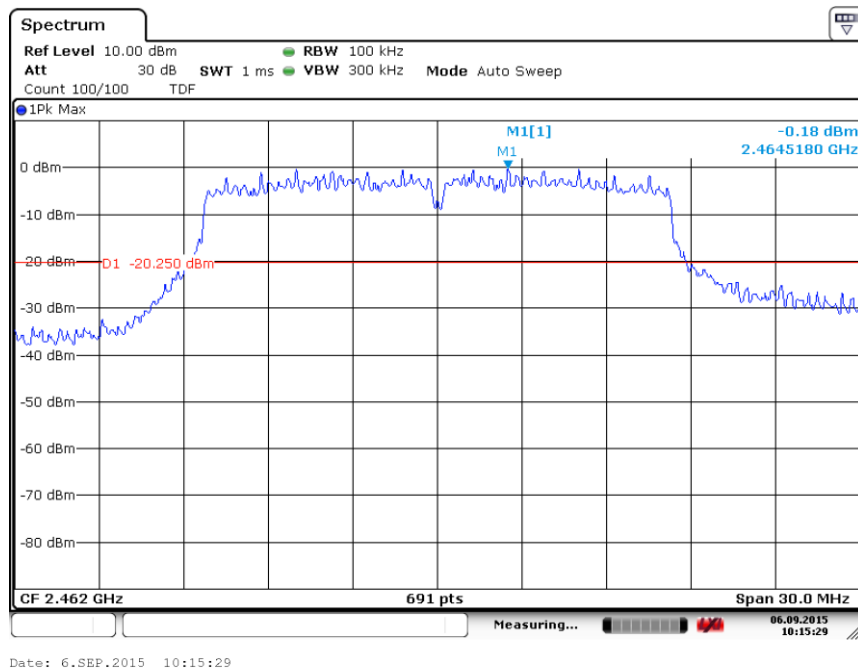


Fig.100 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

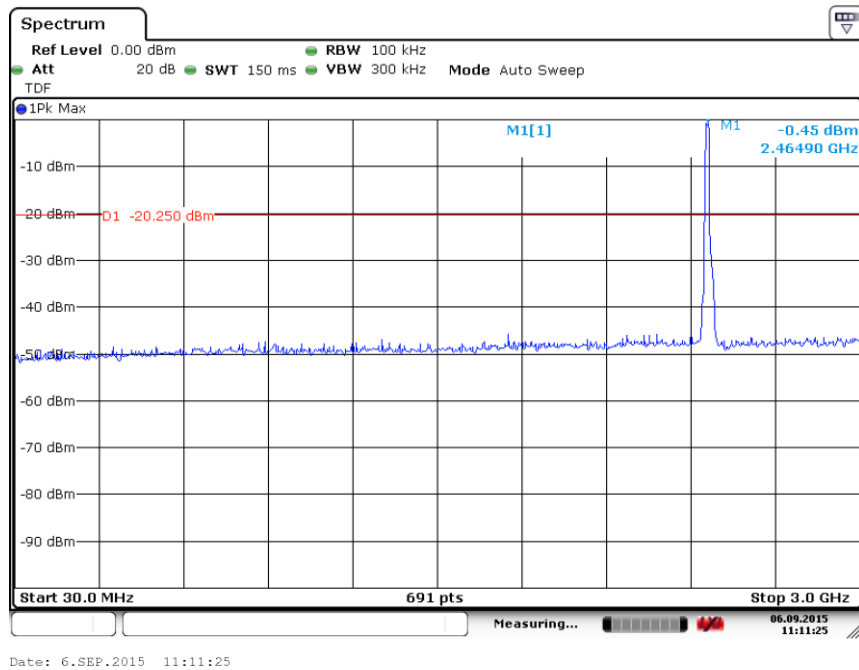


Fig.101 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-3 GHz)

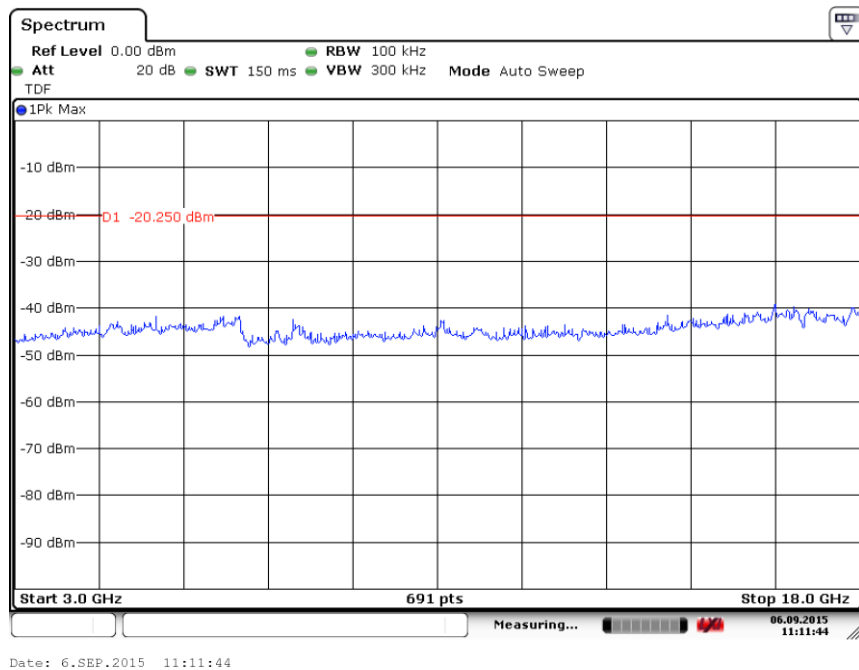


Fig.102 Conducted Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

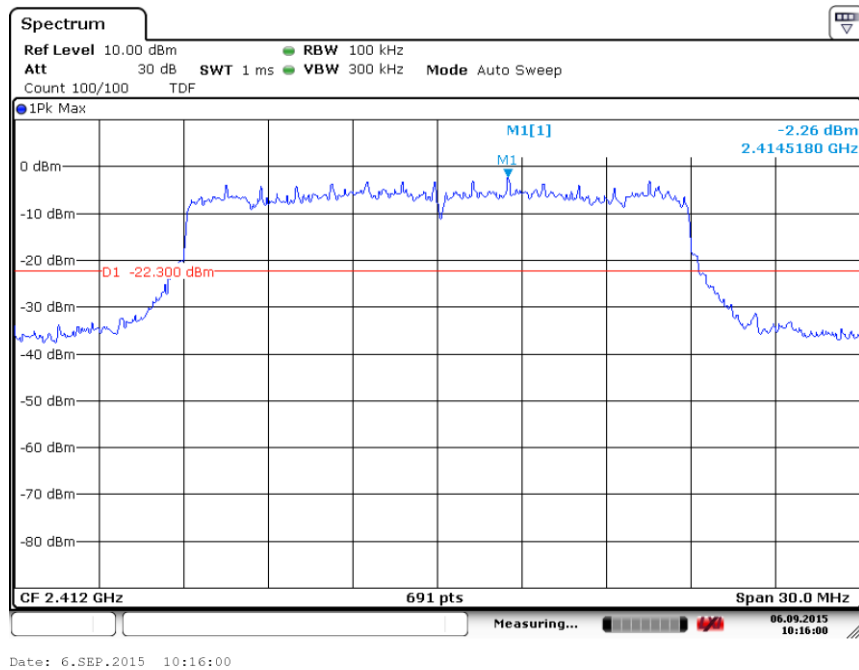


Fig.103 Conducted Spurious Emission (802.11n-20M, Ch1, Center Frequency)

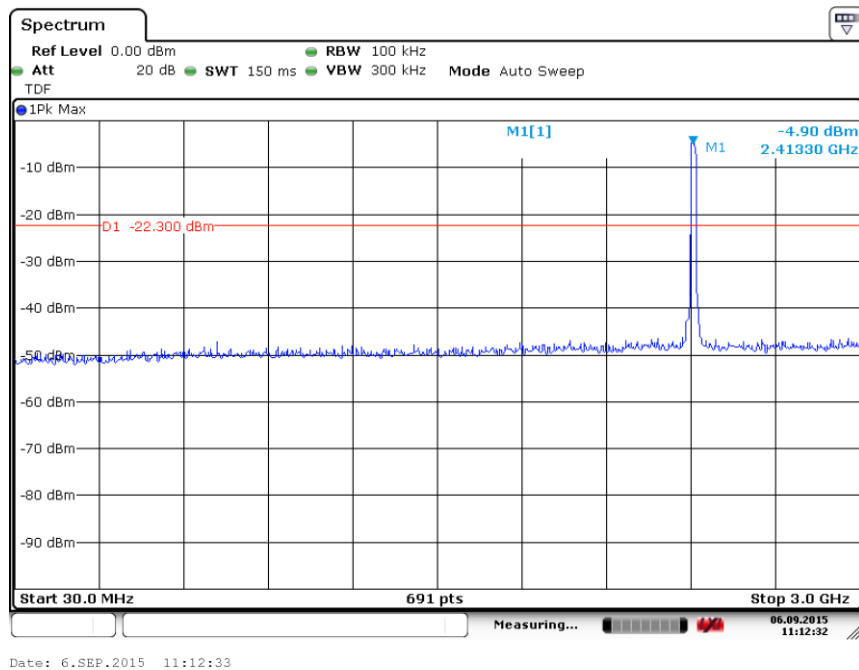


Fig.104 Conducted Spurious Emission (802.11n-20M, Ch1, 30 MHz-3 GHz)

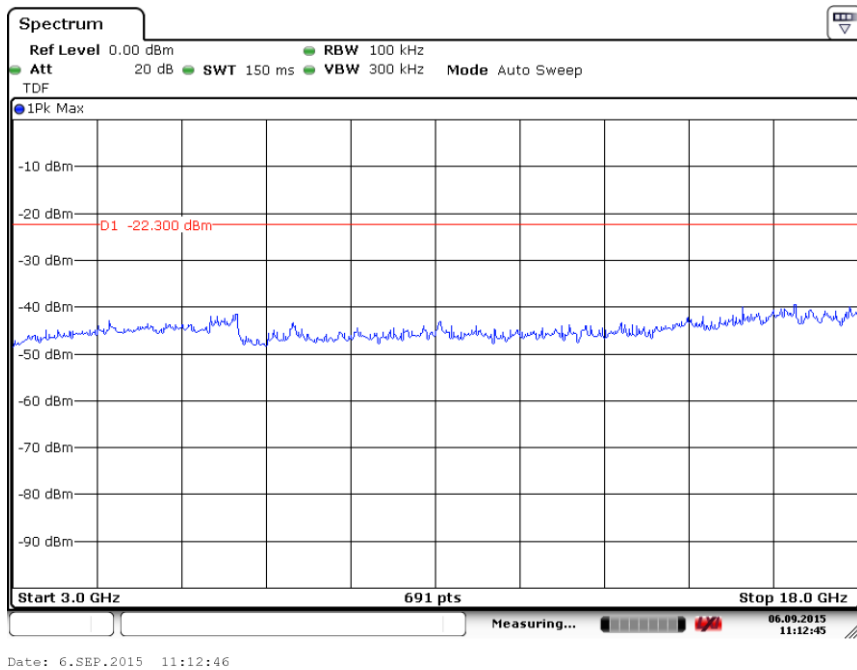


Fig.105 Conducted Spurious Emission (802.11n-20M, Ch1, 3 GHz-18 GHz)

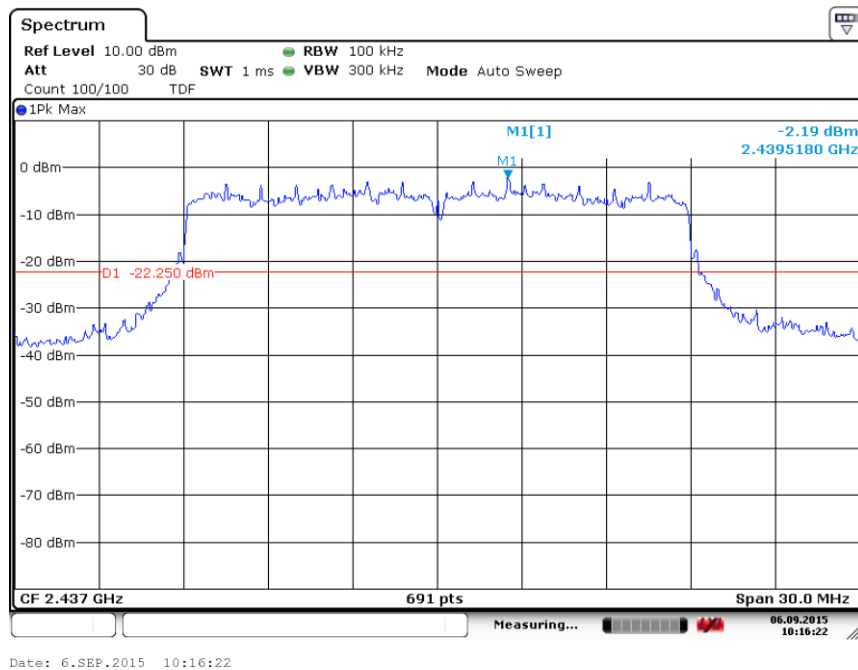
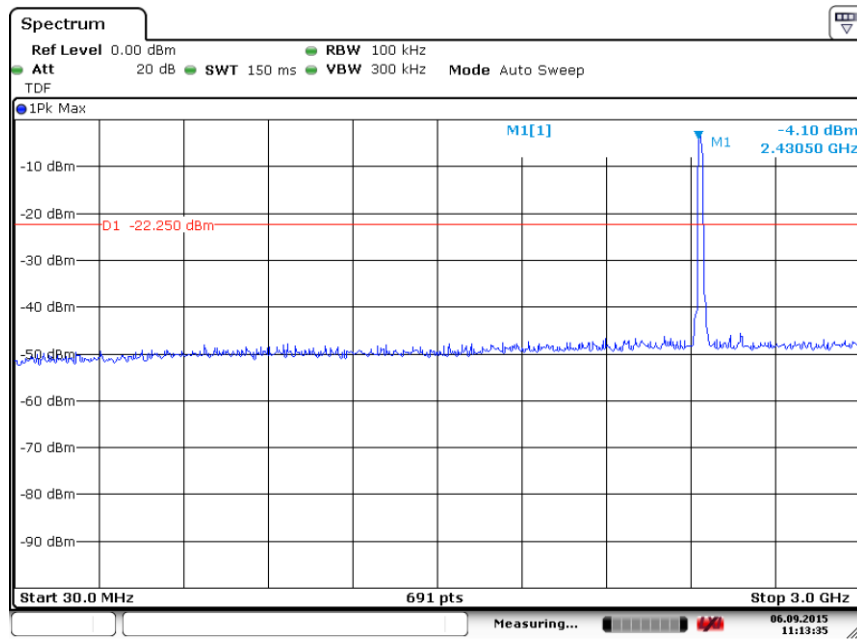
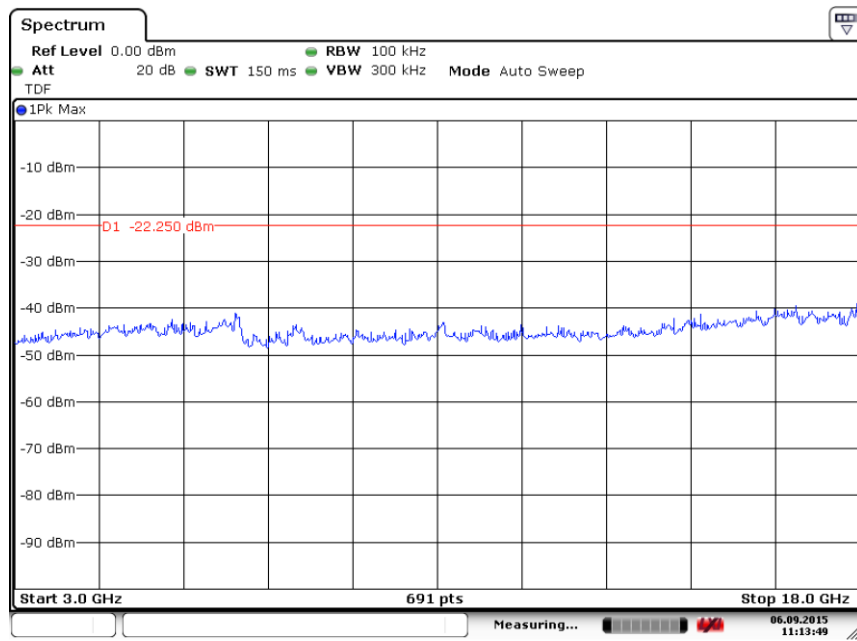


Fig.106 Conducted Spurious Emission (802.11n-20M, Ch6, Center Frequency)



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



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

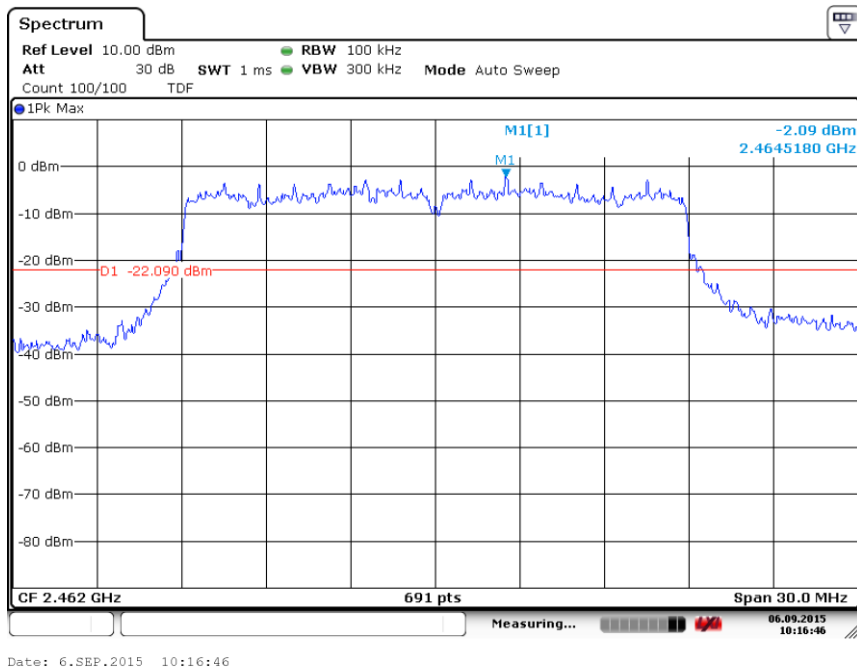


Fig.109 Conducted Spurious Emission (802.11n-20M, Ch11, Center Frequency)

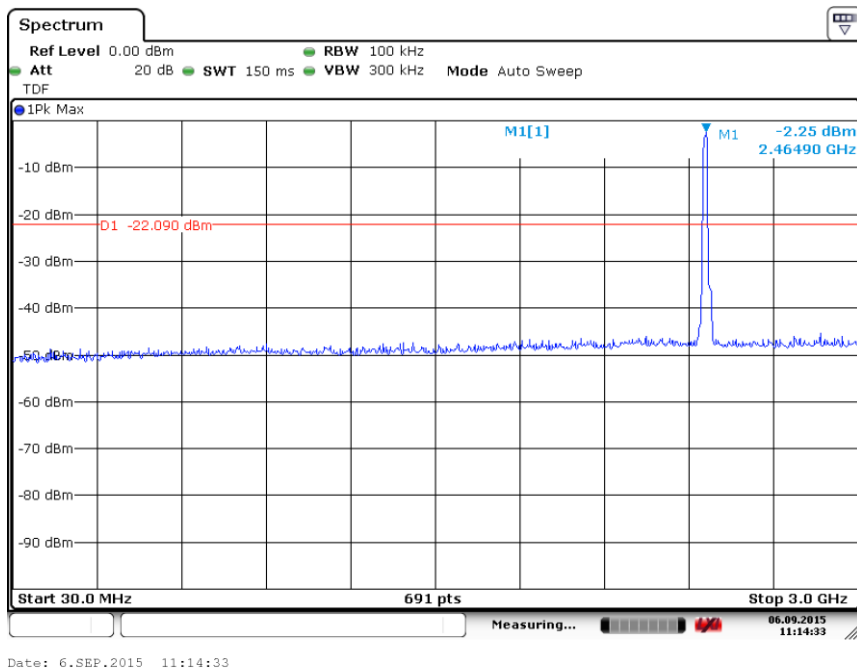


Fig.110 Conducted Spurious Emission (802.11n-20M, Ch11, 30 MHz-3 GHz)

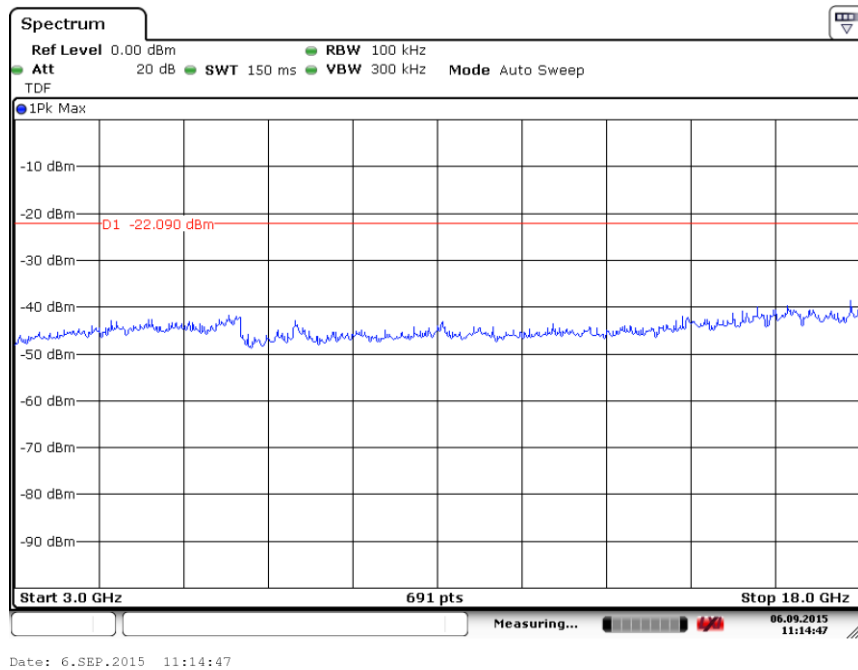


Fig.111 Conducted Spurious Emission (802.11n-20M, Ch11, 3 GHz-18 GHz)

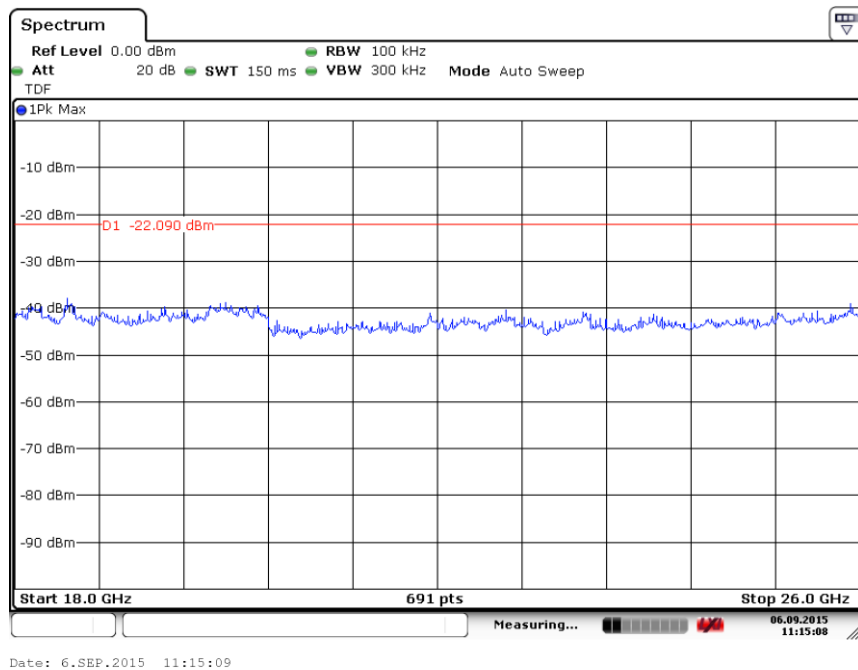


Fig.112 Conducted Spurious Emission (All channels, 18 GHz-26 GHz)

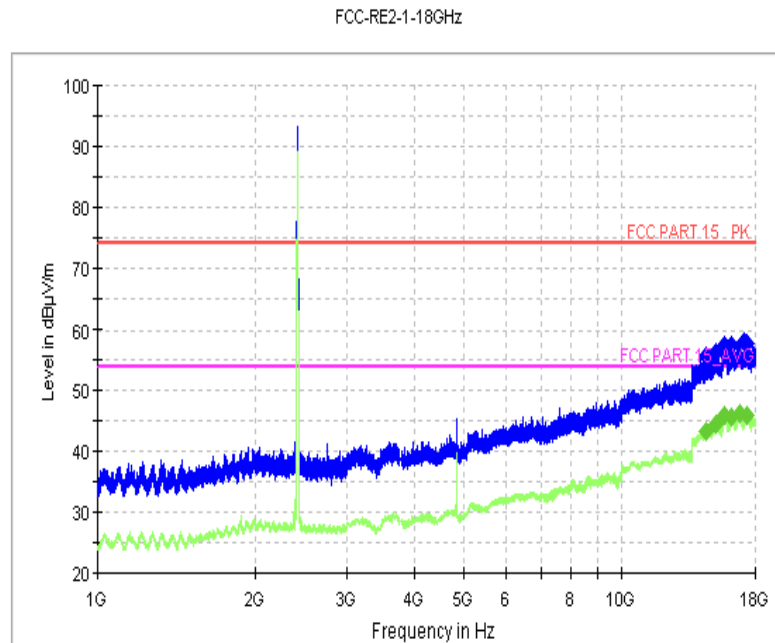


Fig.113 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-18GHz)

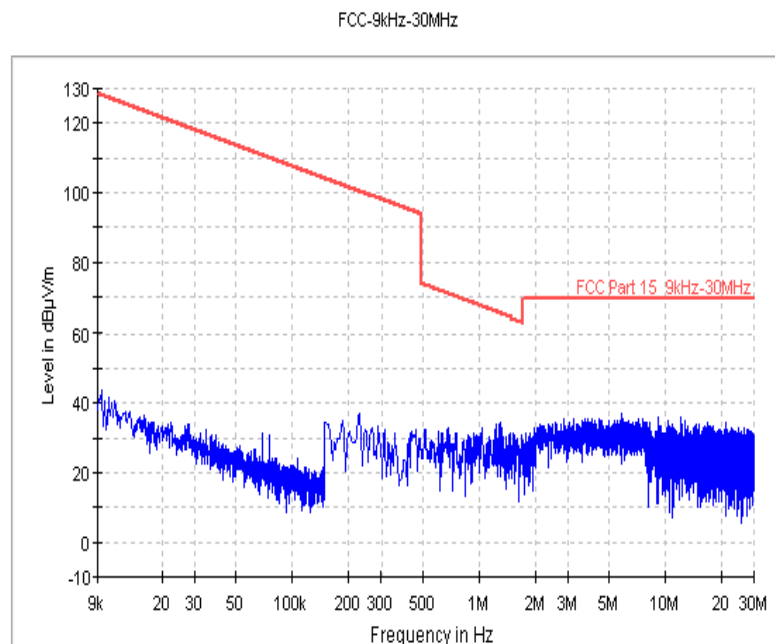


Fig.114 Radiated Spurious Emission (802.11b, Ch6, 9 kHz-30MHz)

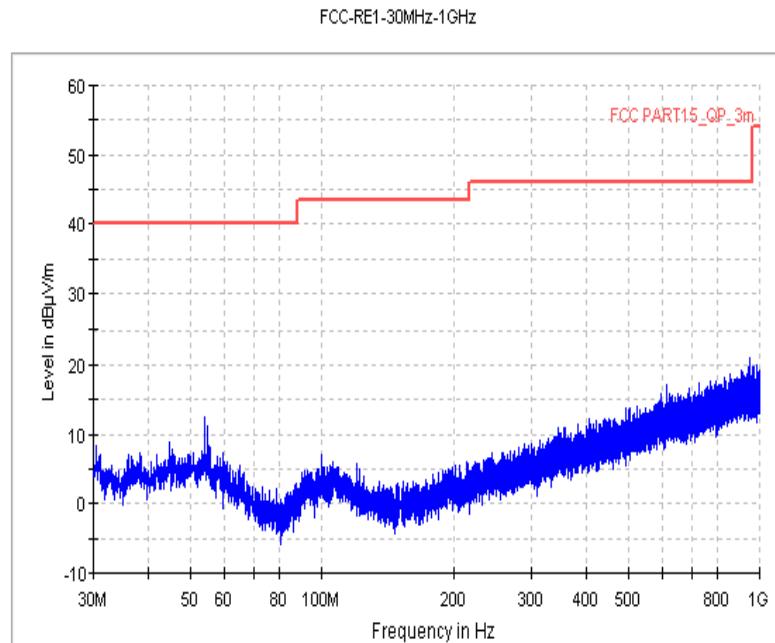


Fig.115 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz)

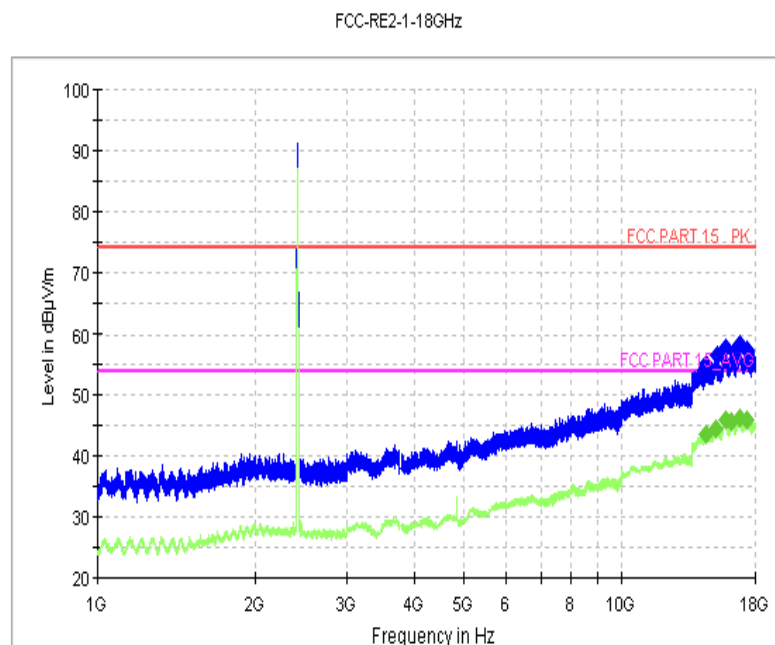


Fig.116 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-18GHz)

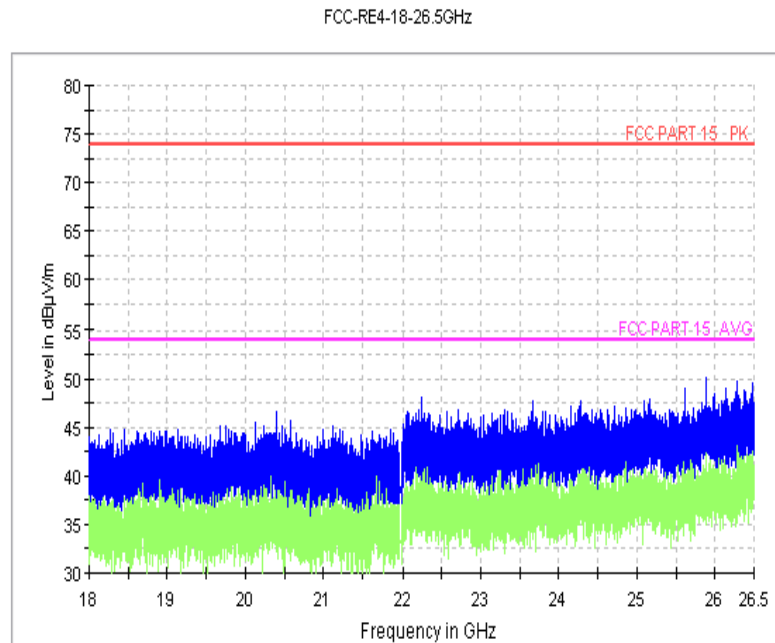


Fig.117 Radiated Spurious Emission (802.11b, Ch6, 18 GHz-26.5GHz)

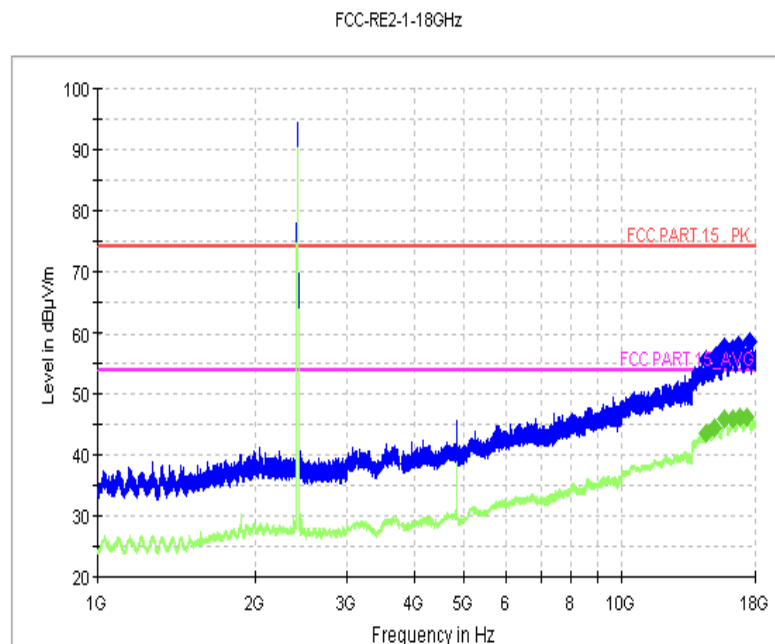


Fig.118 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-18 GHz)

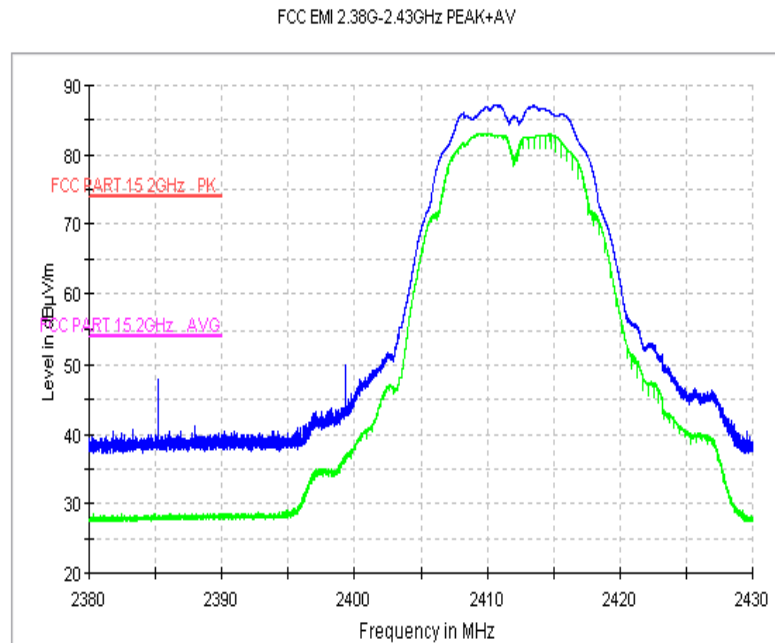


Fig.119 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)

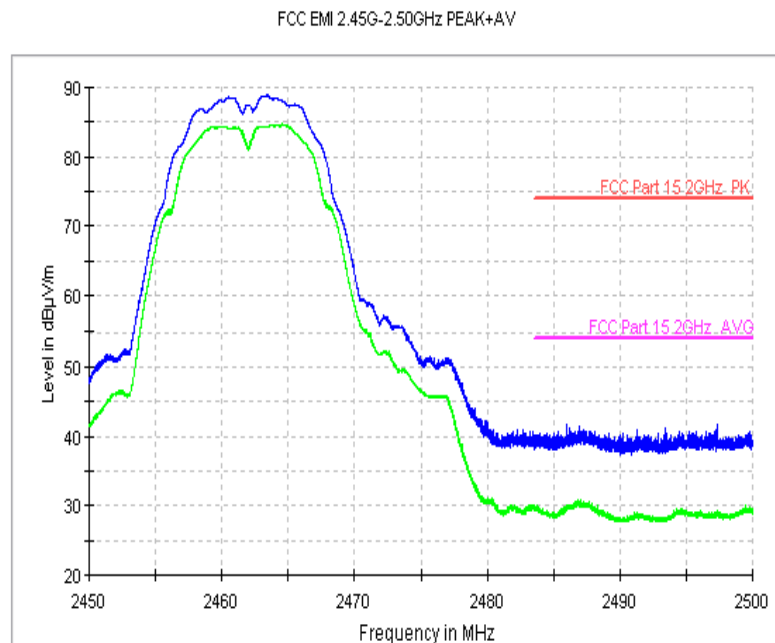


Fig.120 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)

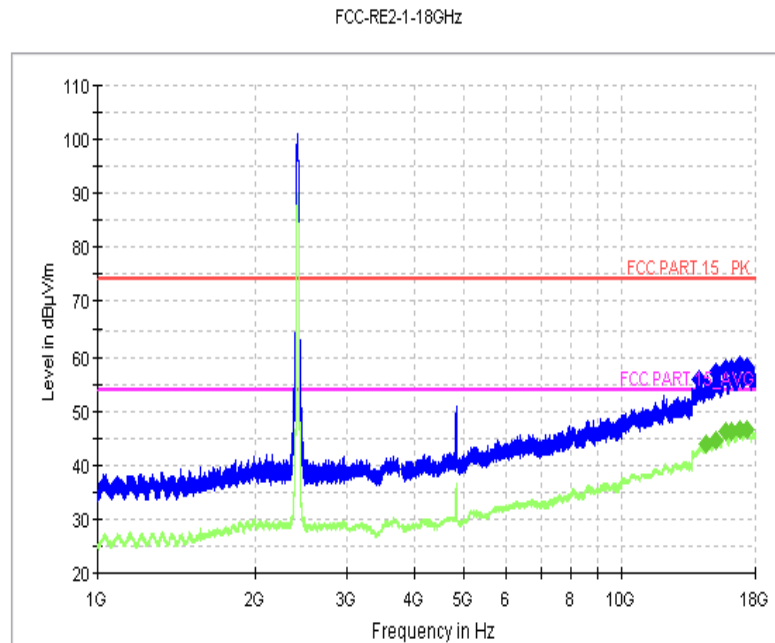


Fig.121 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-18GHz)

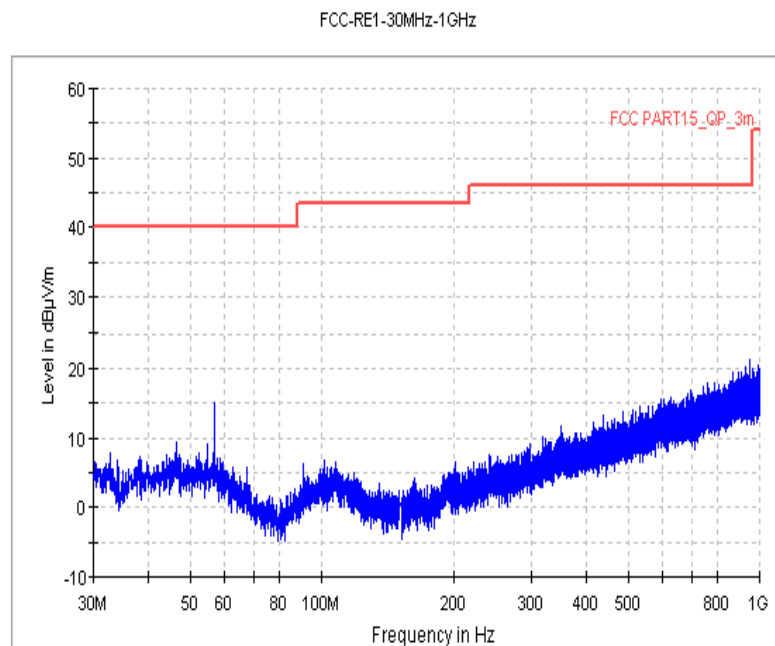


Fig.122 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)

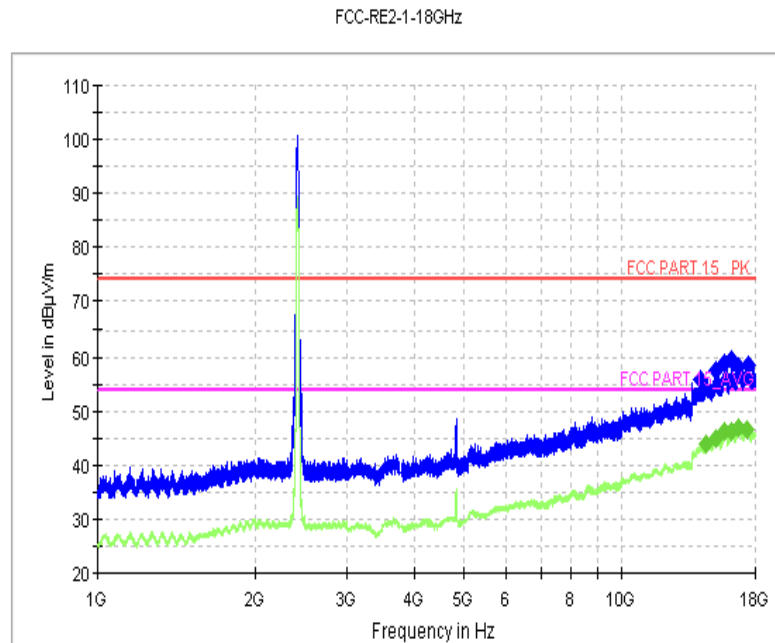


Fig.123 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-18GHz)

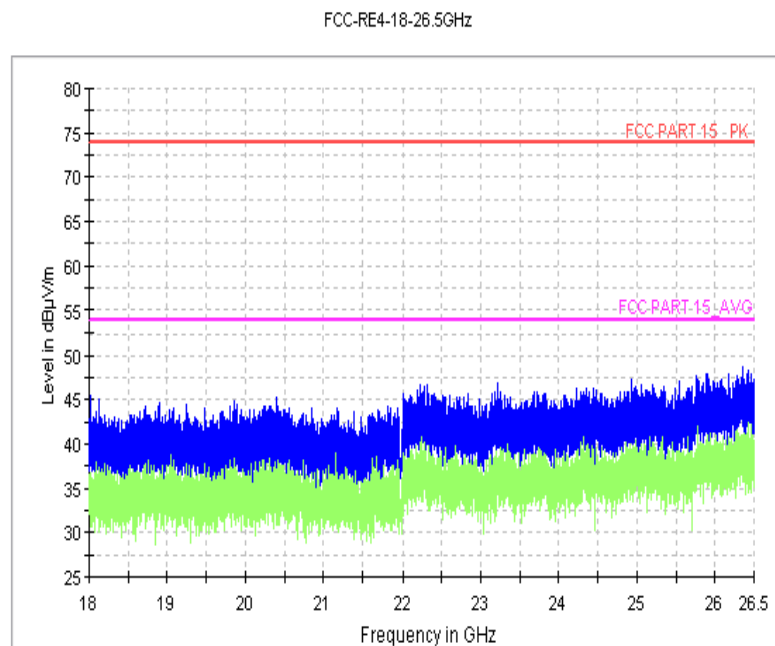


Fig.124 Radiated Spurious Emission (802.11g, Ch6, 18 GHz-26.5GHz)

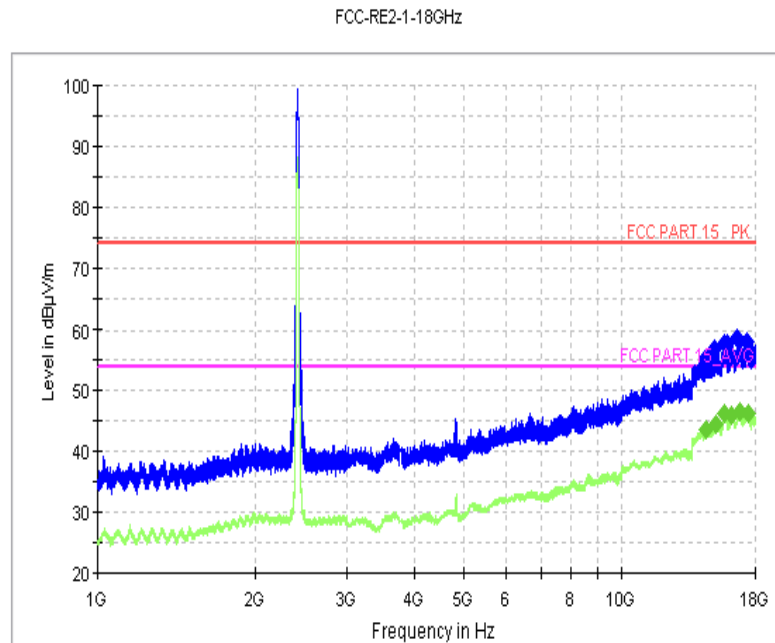


Fig.125 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-18 GHz)

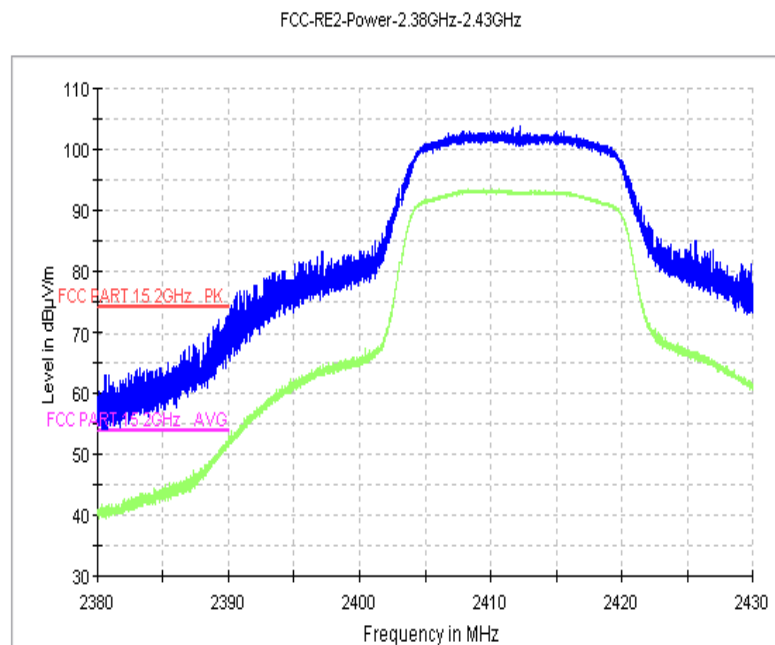


Fig.126 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)

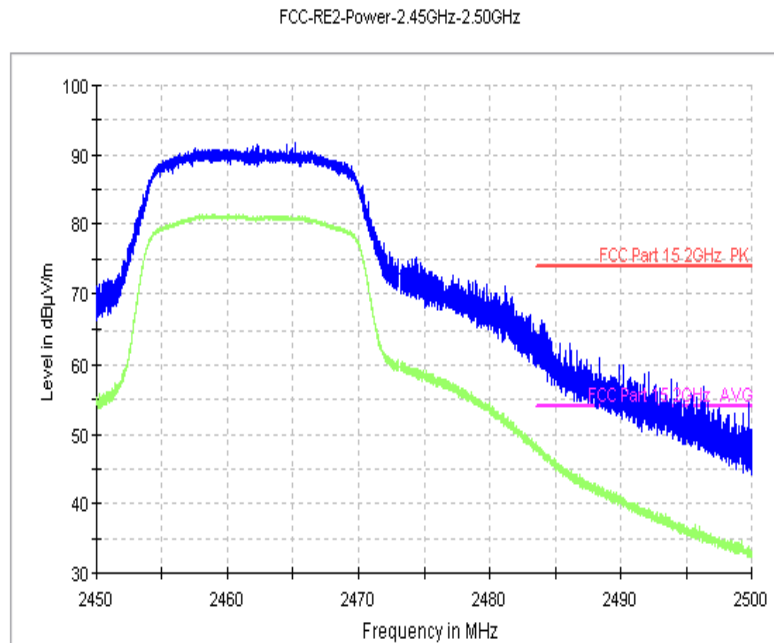


Fig.127 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)

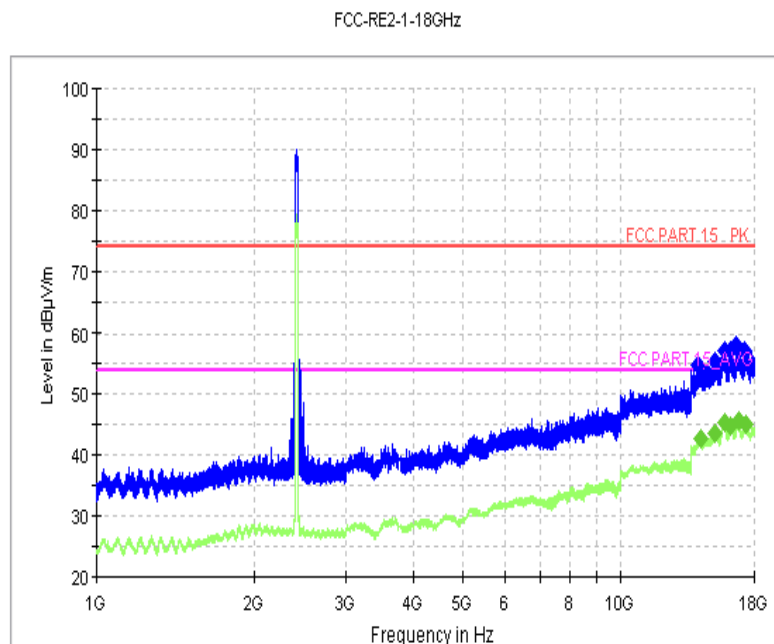


Fig.128 Radiated Spurious Emission (802.11n, Ch1, 1 GHz-18GHz)

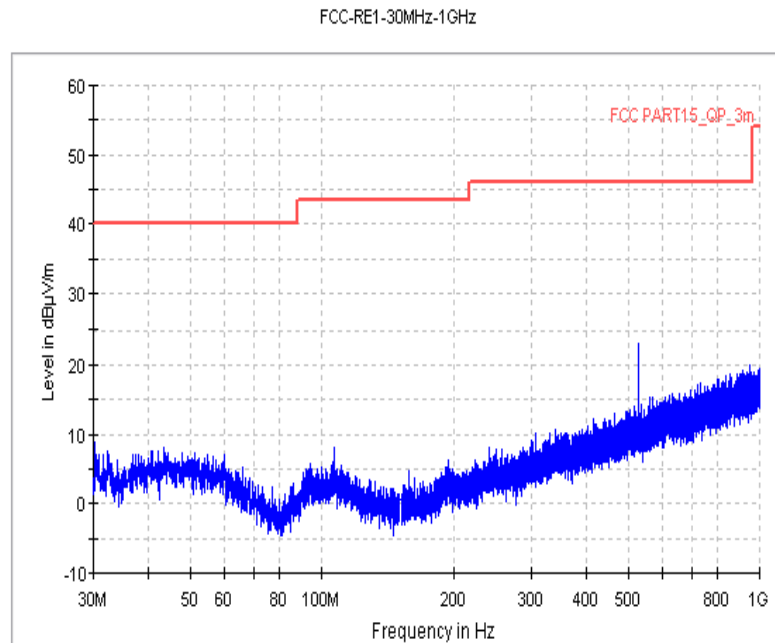


Fig.129 Radiated Spurious Emission (802.11n, Ch6, 30MHz-1 GHz)

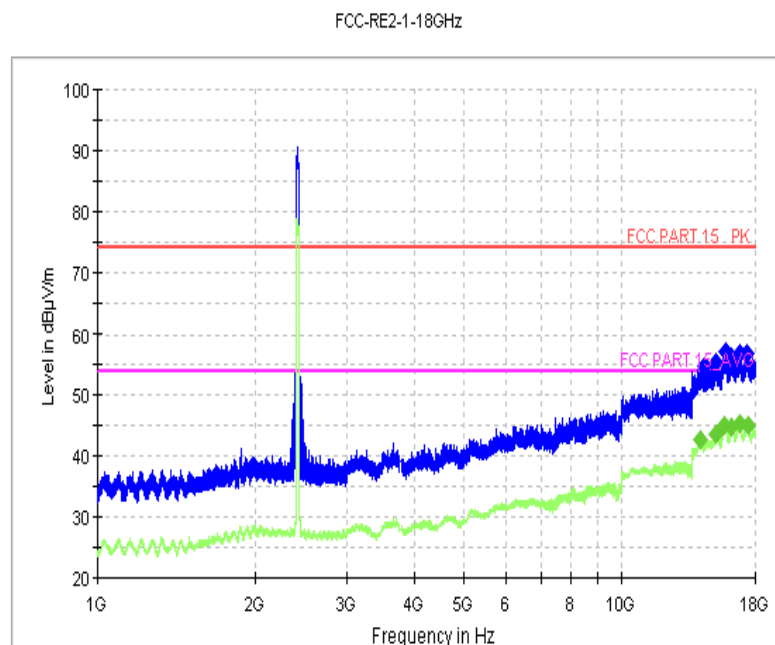


Fig.130 Radiated Spurious Emission (802.11n, Ch6, 1 GHz-18GHz)

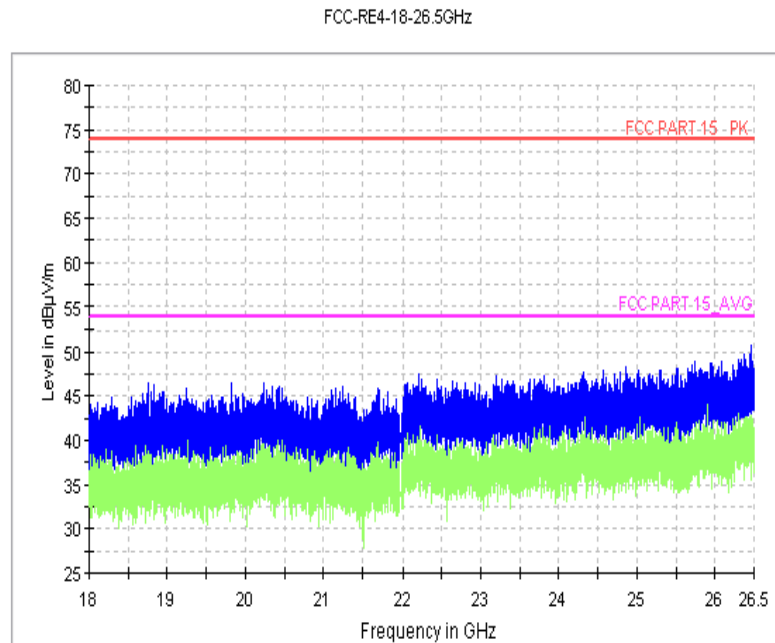


Fig.131 Radiated Spurious Emission (802.11n, Ch6, 18 GHz-26.5GHz)

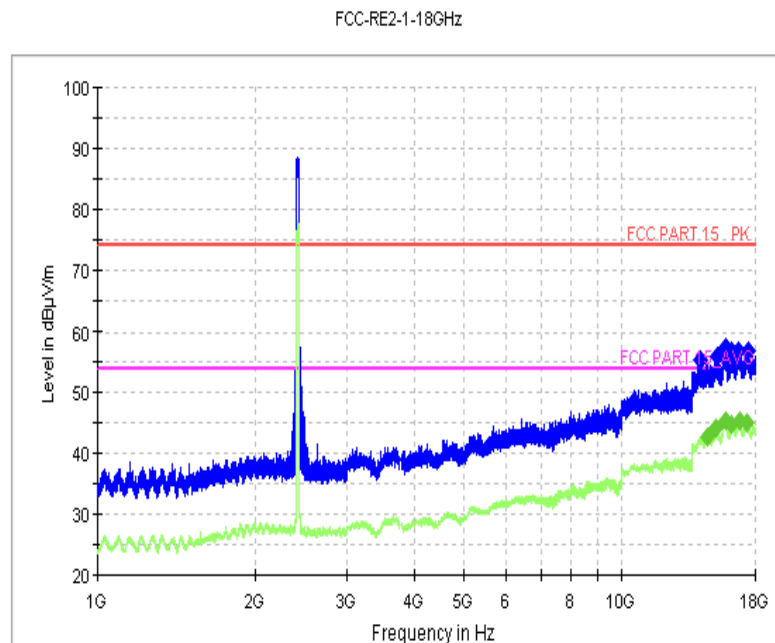


Fig.132 Radiated Spurious Emission (802.11n, Ch11, 1 GHz-18 GHz)

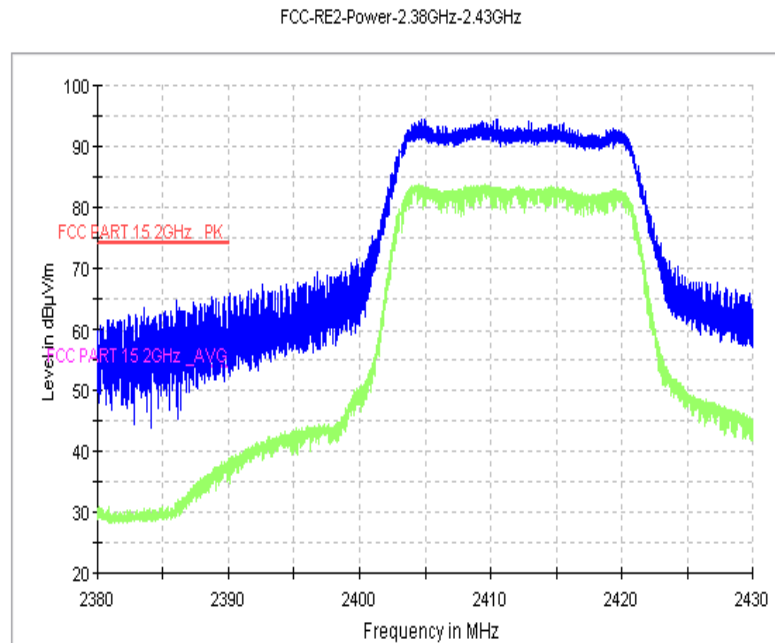


Fig.133 Radiated Emission Power (802.11n, Ch1, 2380GHz~2450GHz)

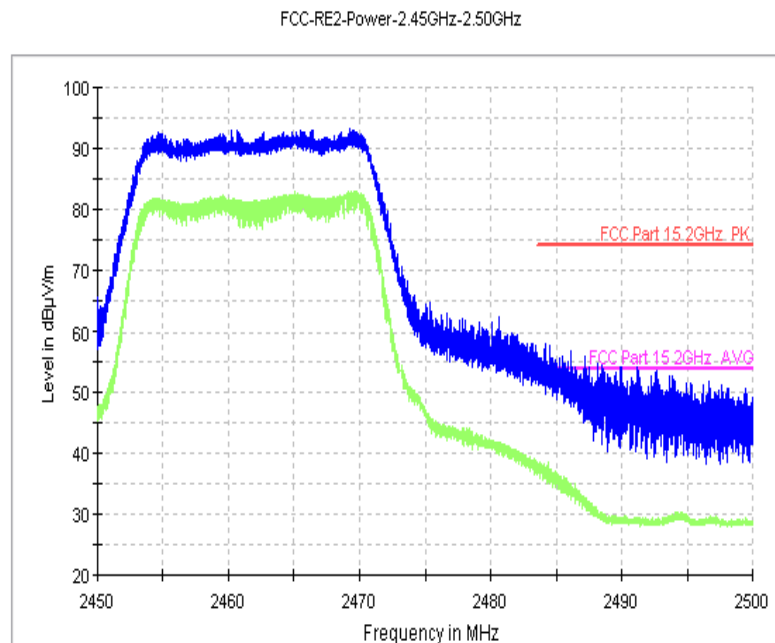


Fig.134 Radiated Emission Power (802.11n, Ch11, 2450GHz~2500GHz)

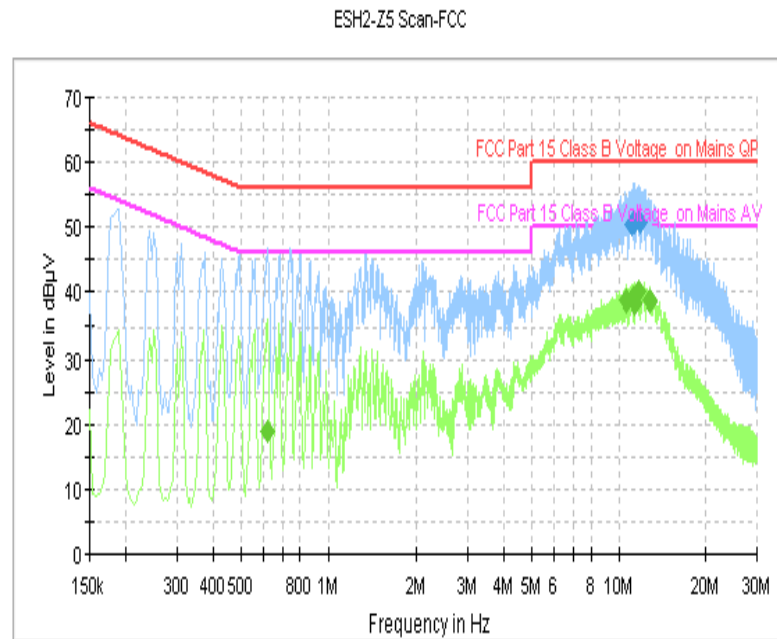


Fig.135 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
11.098000	50.6	GND	L1	10.3	9.4	60.0
11.206000	50.6	GND	L1	10.3	9.4	60.0
11.298000	50.7	GND	L1	10.3	9.3	60.0
11.730000	51.0	GND	L1	10.3	9.0	60.0
11.746000	51.1	GND	L1	10.3	8.9	60.0
11.798000	50.6	GND	L1	10.3	9.4	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.618000	18.9	GND	L1	10.0	27.1	46.0
10.594000	38.9	GND	L1	10.3	11.1	50.0
11.206000	39.3	GND	L1	10.3	10.7	50.0
11.358000	38.5	GND	L1	10.3	11.5	50.0
11.654000	40.1	GND	L1	10.3	9.9	50.0
12.802000	38.9	GND	L1	10.4	11.1	50.0

ESH2-Z5 Scan-FCC

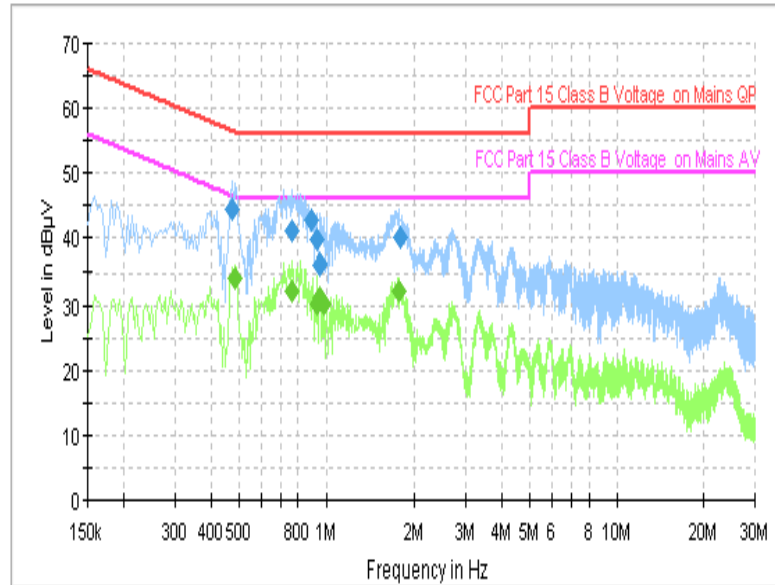


Fig.136 AC Powerline Conducted Emission (Traffic, AE2)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.474000	44.4	GND	L1	10.0	12.0	56.4
0.766000	41.3	GND	L1	10.1	14.7	56.0
0.894000	42.8	GND	L1	10.1	13.2	56.0
0.926000	39.9	GND	L1	10.1	16.1	56.0
0.954000	36.2	GND	N	10.1	19.8	56.0
1.778000	40.2	GND	L1	10.1	15.8	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.482000	34.0	GND	L1	10.0	12.3	46.3
0.766000	32.2	GND	L1	10.1	13.8	46.0
0.926000	30.3	GND	L1	10.1	15.7	46.0
0.950000	31.2	GND	L1	10.1	14.8	46.0
0.978000	30.2	GND	L1	10.1	15.8	46.0
1.774000	32.2	GND	L1	10.1	13.8	46.0

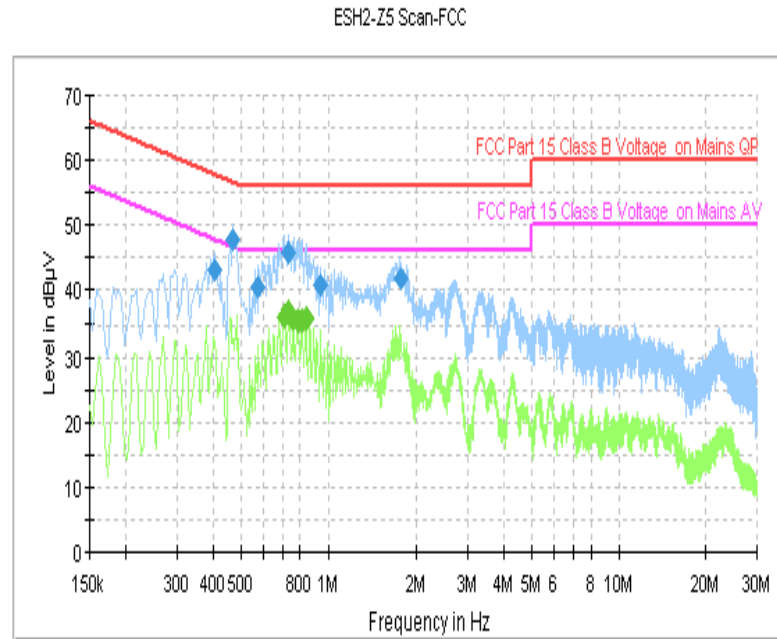


Fig.137 AC Powerline Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.406000	43.2	GND	L1	10.0	14.5	57.7
0.470000	47.9	GND	L1	10.0	8.6	56.5
0.570000	40.4	GND	L1	10.1	15.6	56.0
0.730000	45.8	GND	L1	10.0	10.2	56.0
0.946000	40.9	GND	L1	10.1	15.1	56.0
1.762000	41.7	GND	L1	10.1	14.3	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.706000	36.1	GND	L1	10.0	9.9	46.0
0.730000	36.9	GND	L1	10.0	9.1	46.0
0.754000	35.9	GND	L1	10.1	10.1	46.0
0.786000	35.5	GND	L1	10.1	10.5	46.0
0.814000	35.4	GND	L1	10.1	10.6	46.0
0.838000	35.8	GND	L1	10.0	10.2	46.0

ESH2-Z5 Scan-FCC

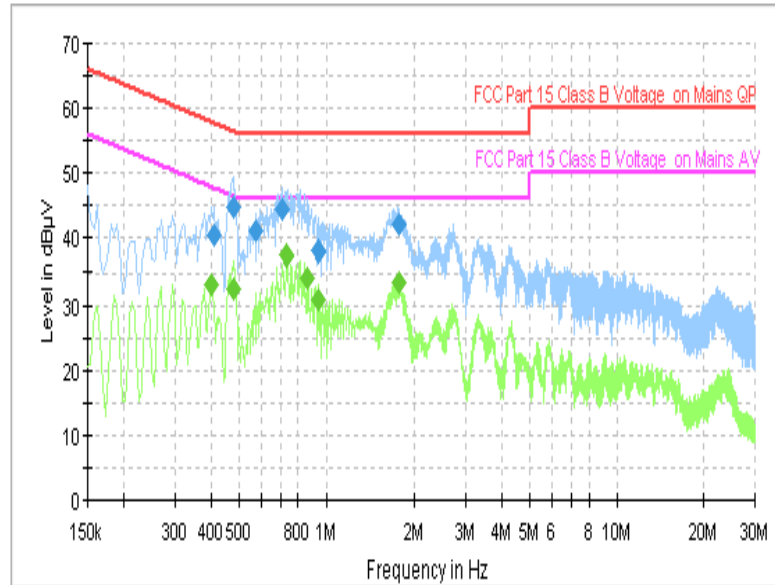


Fig.138 AC Powerline Conducted Emission (Idle, AE2)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.410000	40.4	GND	L1	10.0	17.3	57.6
0.478000	44.7	GND	L1	10.0	11.7	56.4
0.570000	41.1	GND	L1	10.1	14.9	56.0
0.706000	44.6	GND	L1	10.0	11.4	56.0
0.946000	38.1	GND	N	10.1	17.9	56.0
1.762000	42.0	GND	L1	10.1	14.0	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.402000	33.2	GND	L1	10.0	14.6	47.8
0.478000	32.5	GND	L1	10.0	13.9	46.4
0.730000	37.4	GND	L1	10.0	8.6	46.0
0.862000	34.1	GND	L1	10.0	11.9	46.0
0.946000	31.0	GND	L1	10.1	15.0	46.0
1.762000	33.5	GND	L1	10.1	12.5	46.0

ANNEX C: Persons involved in this testing

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

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