

Fig.57 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS3)

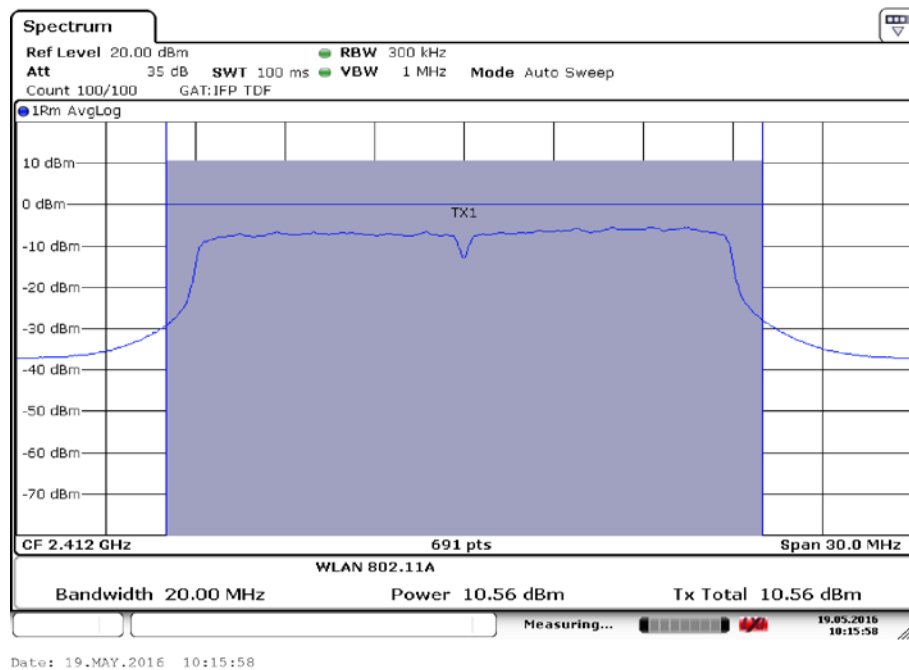


Fig.58 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS4)

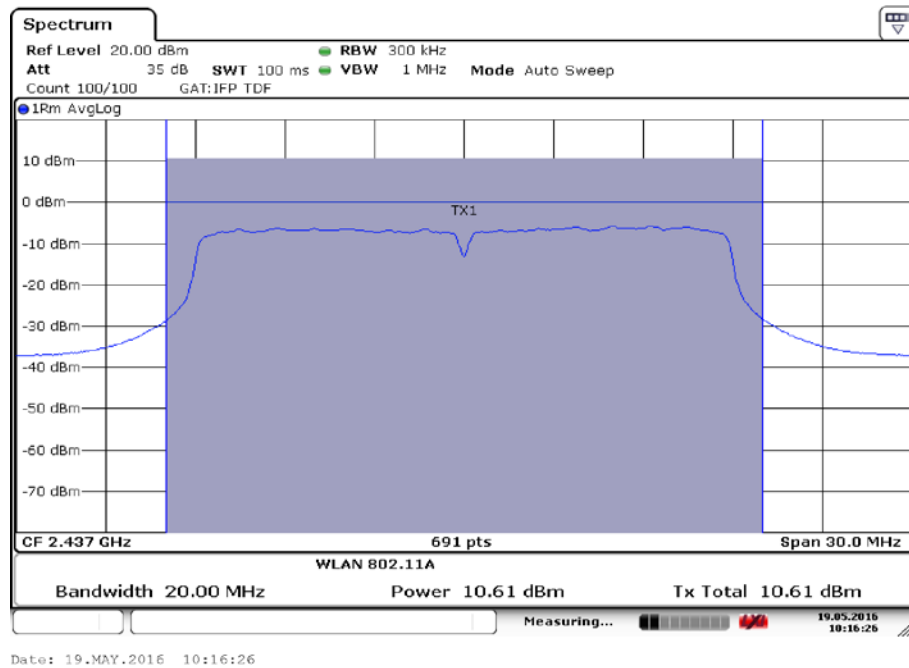


Fig.59 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS4)

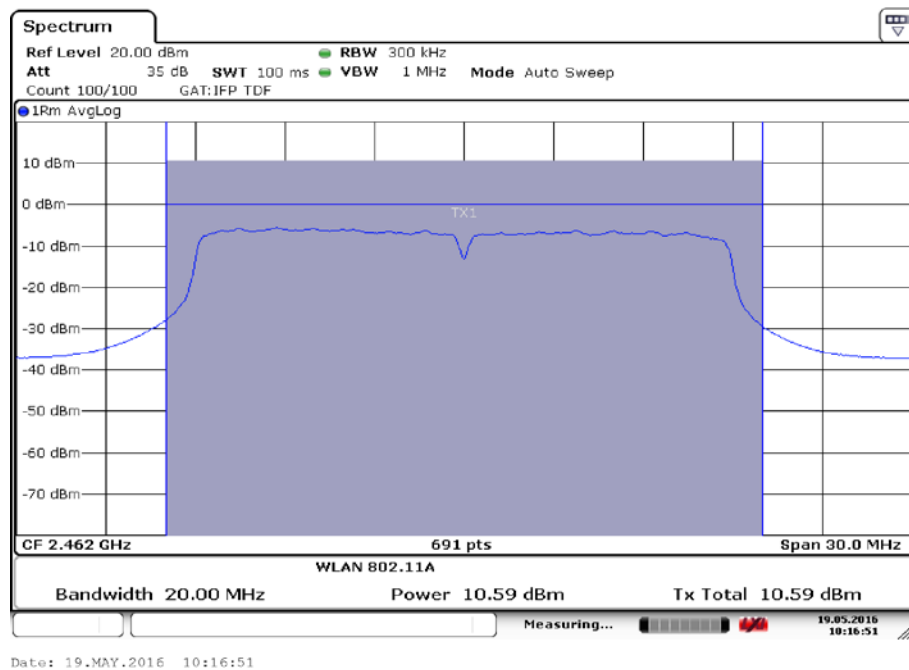


Fig.60 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS4)

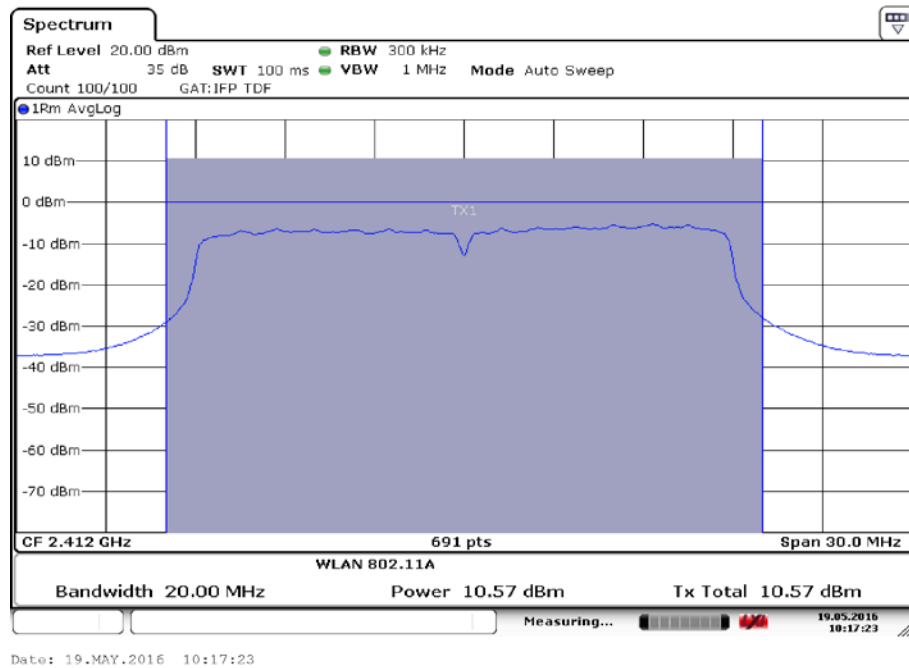


Fig.61 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS5)

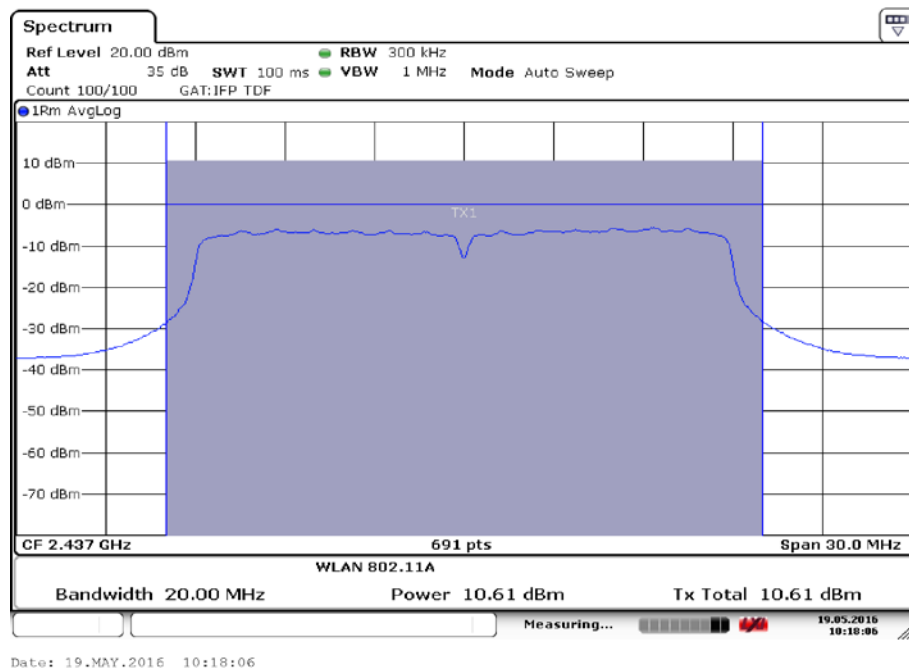


Fig.62 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS5)

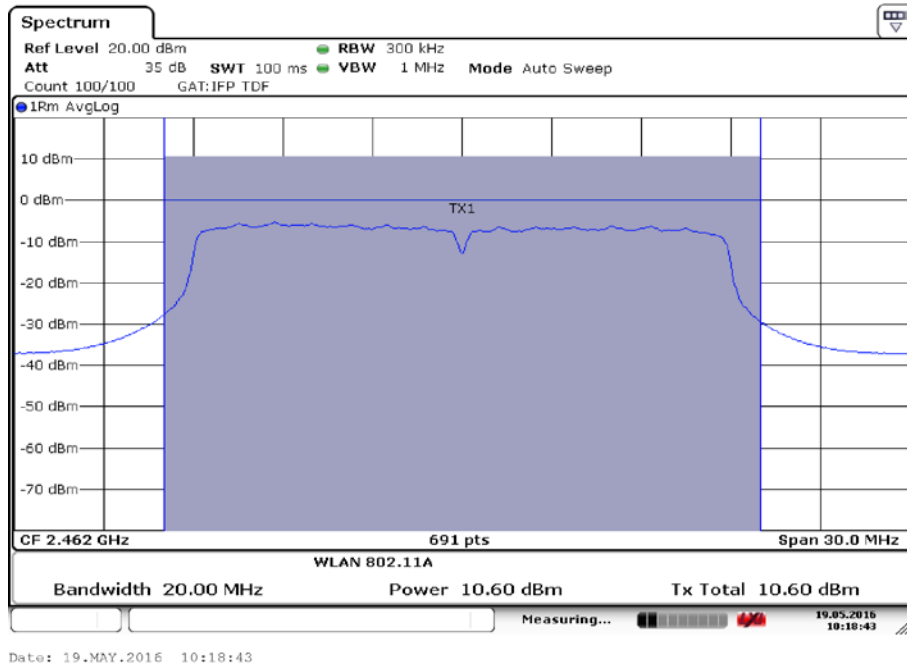


Fig.63 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS5)

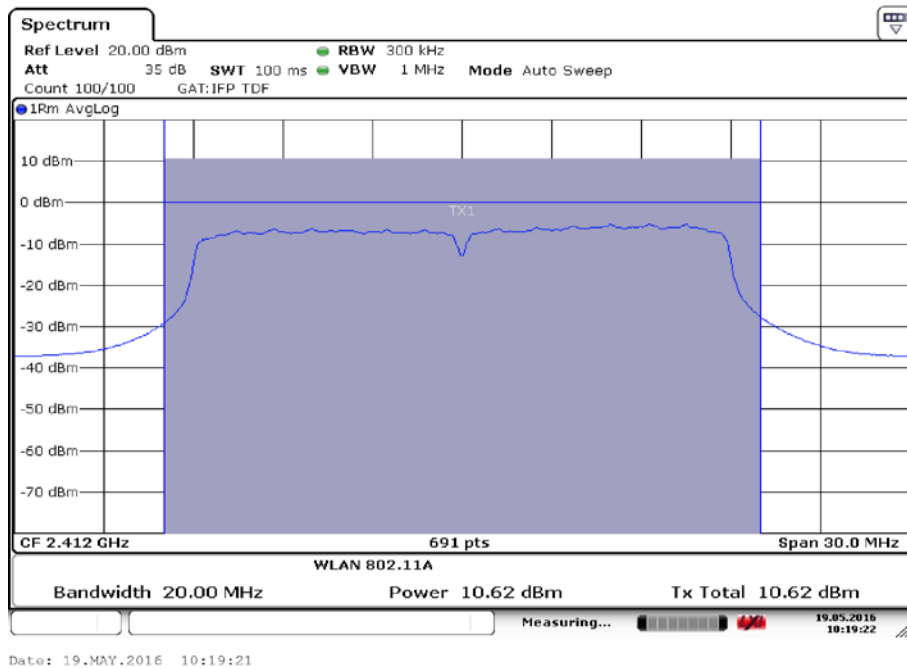


Fig.64 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS6)

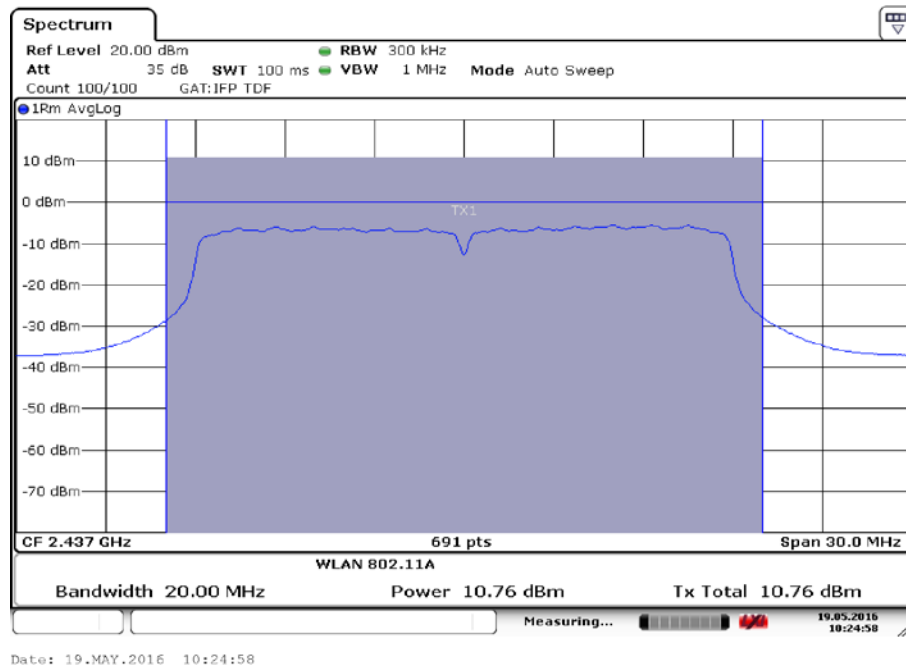


Fig.65 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS6)

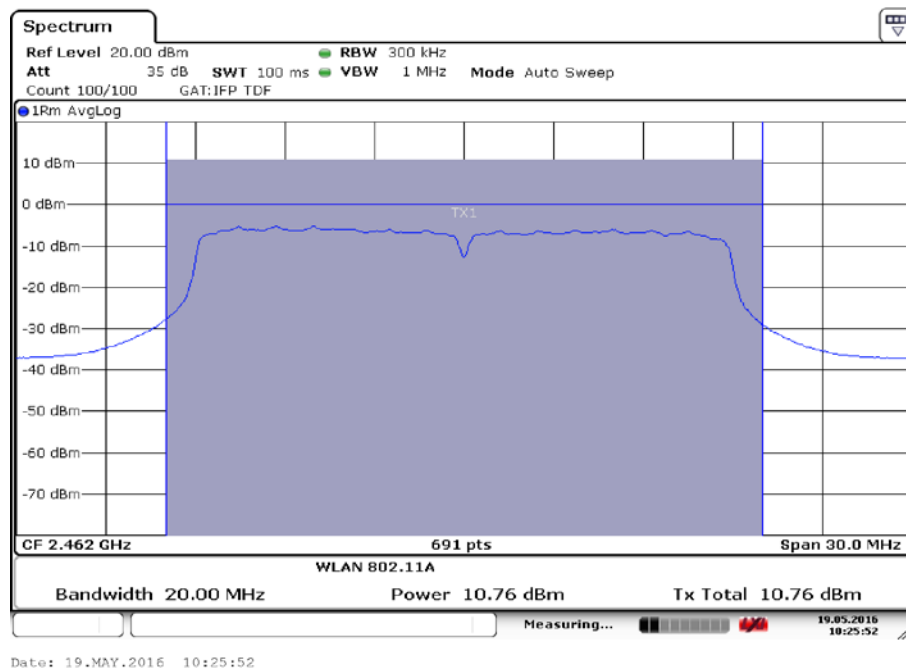


Fig.66 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS6)

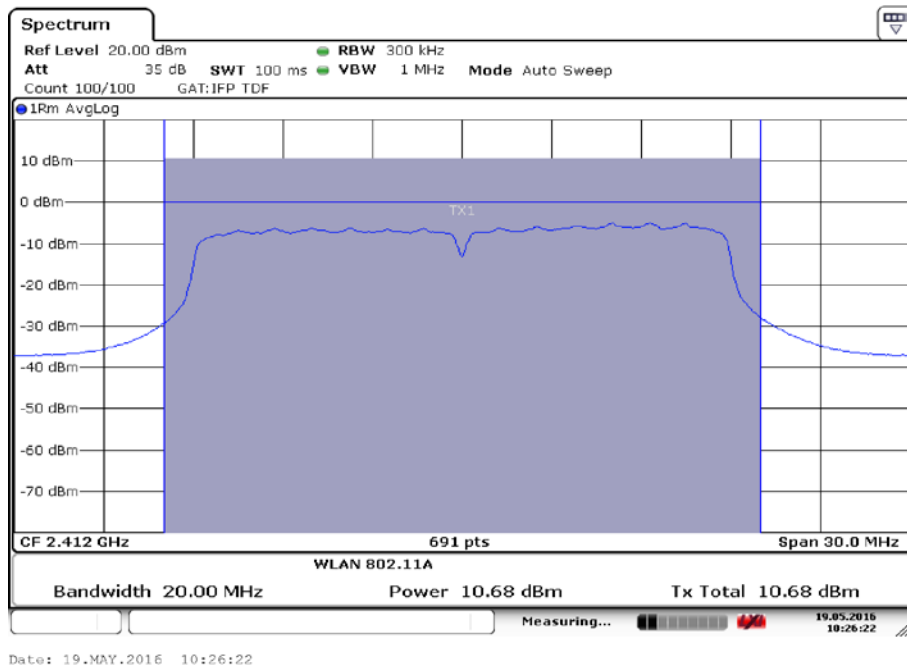


Fig.67 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS7)

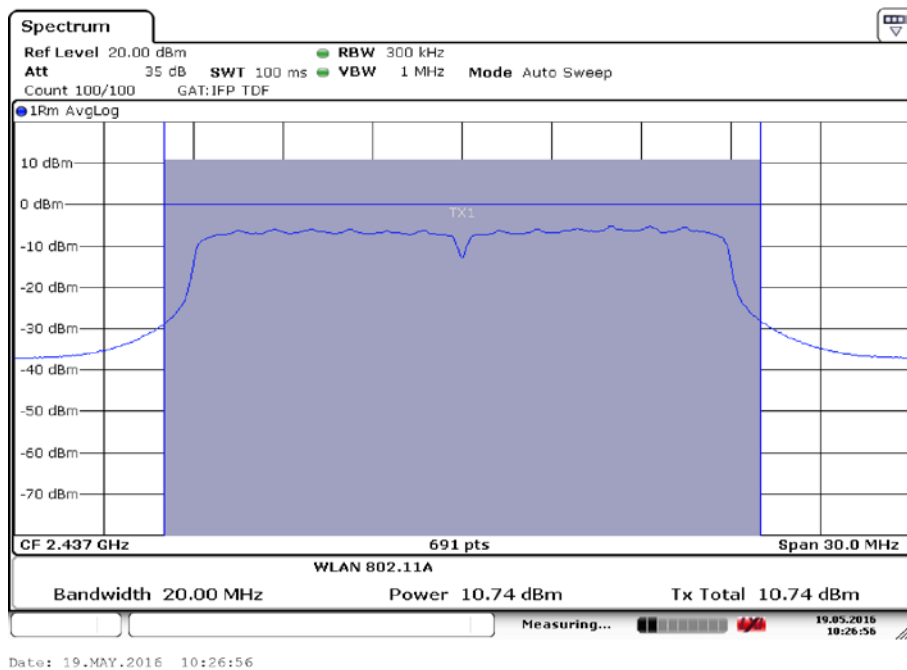


Fig.68 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS7)

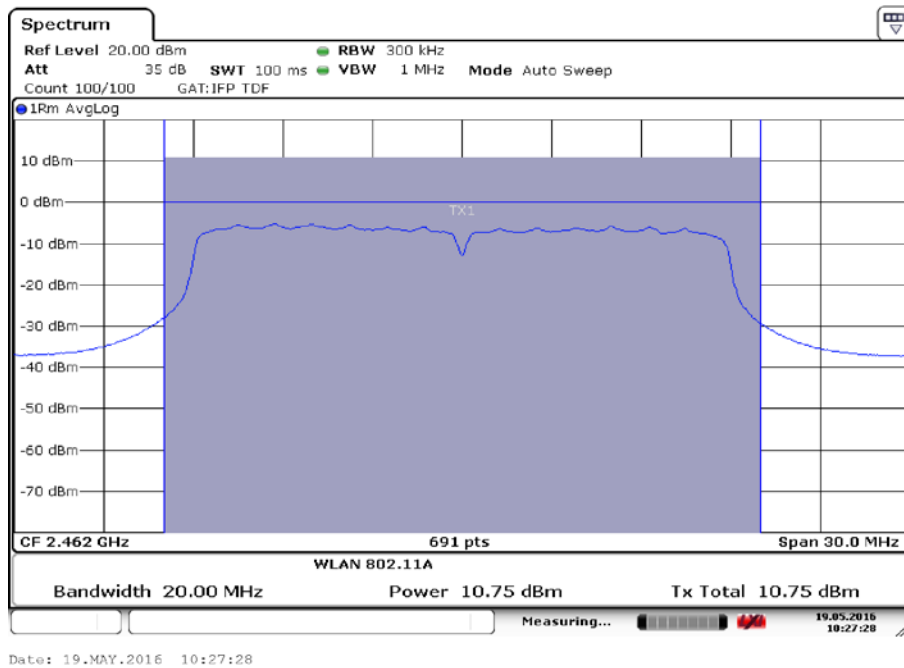


Fig.69 Maximum Average Output Power (802.11n-20MHz, Ch 11, MCS7)

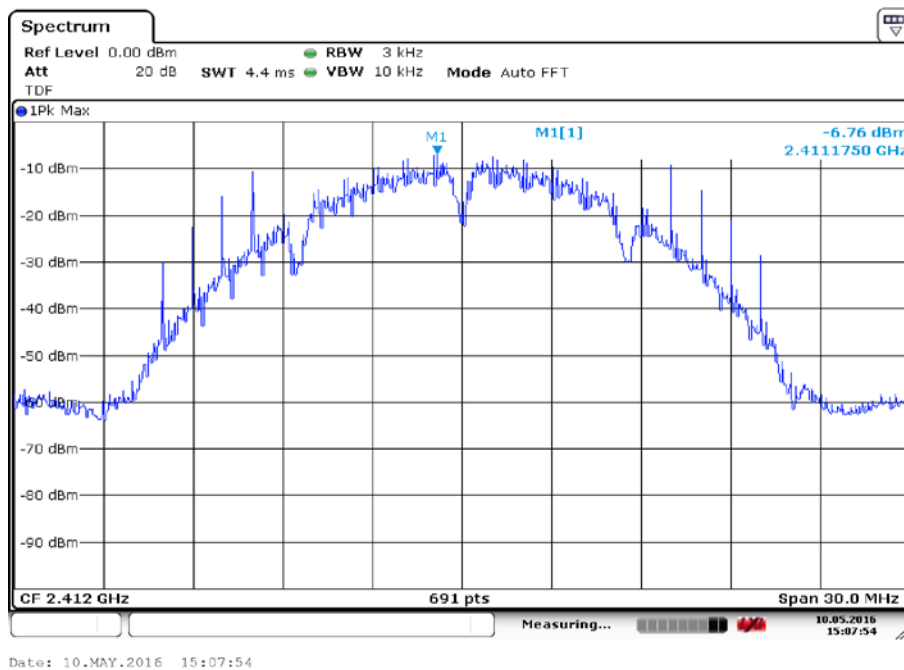
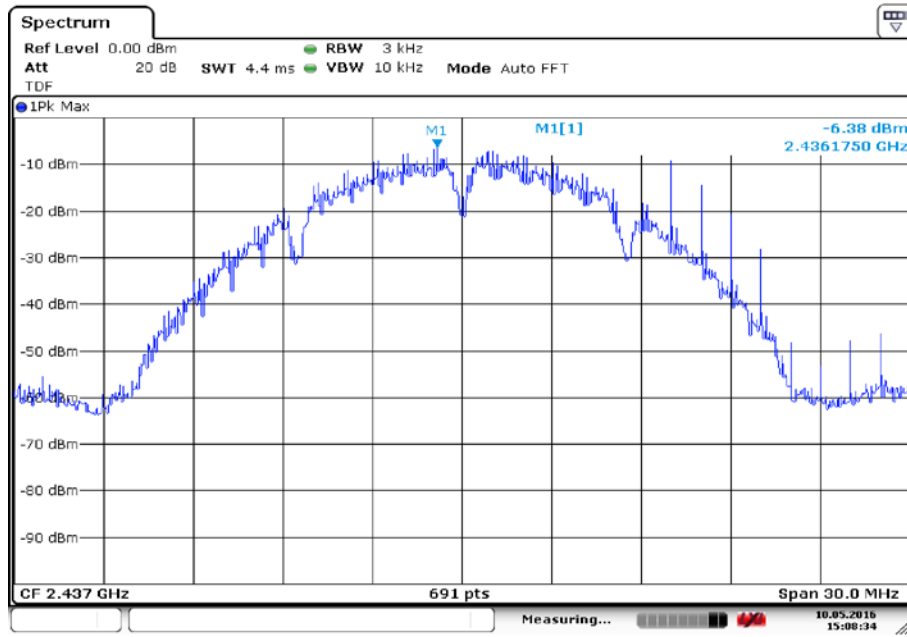
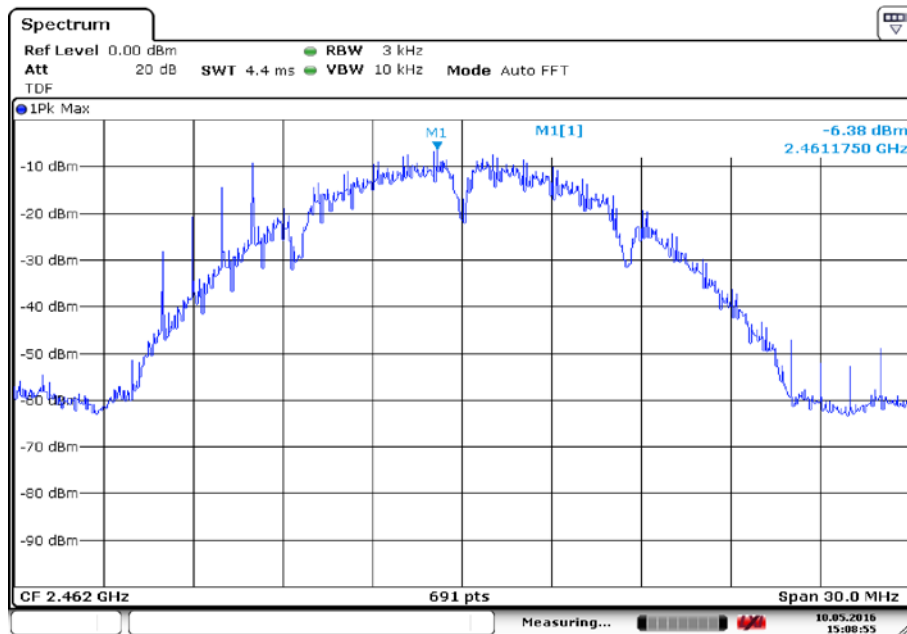


Fig.70 Power Spectral Density (802.11b, Ch 1)



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Fig.71 Power Spectral Density (802.11b, Ch 6)



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Fig.72 Power Spectral Density (802.11b, Ch 11)

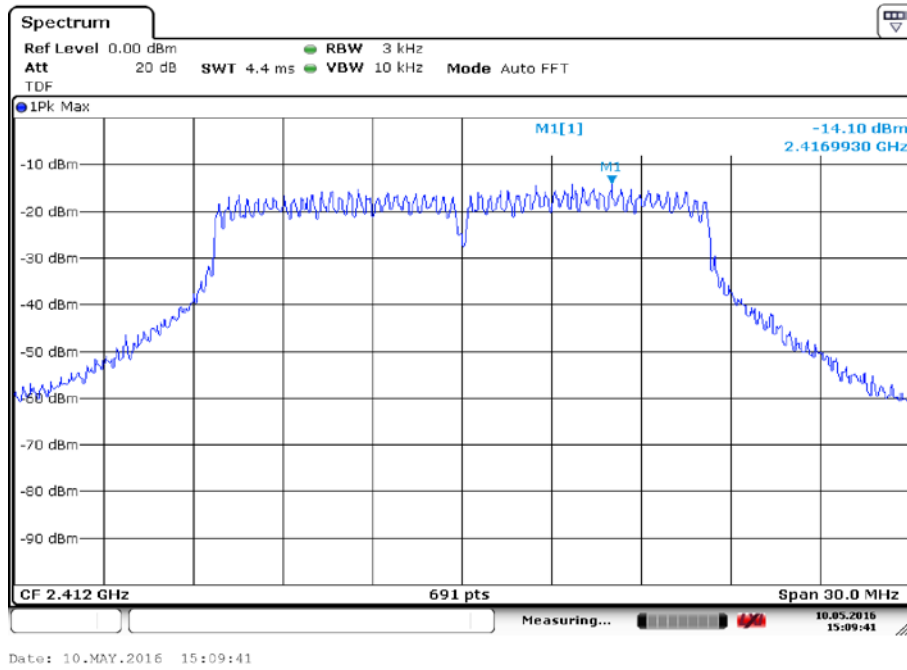


Fig.73 Power Spectral Density (802.11g, Ch 1)

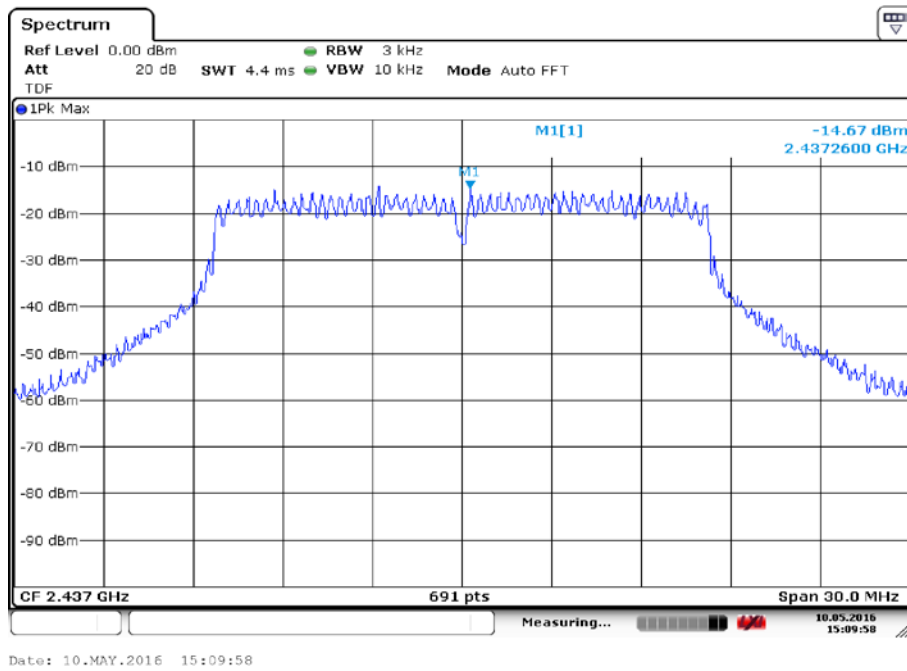
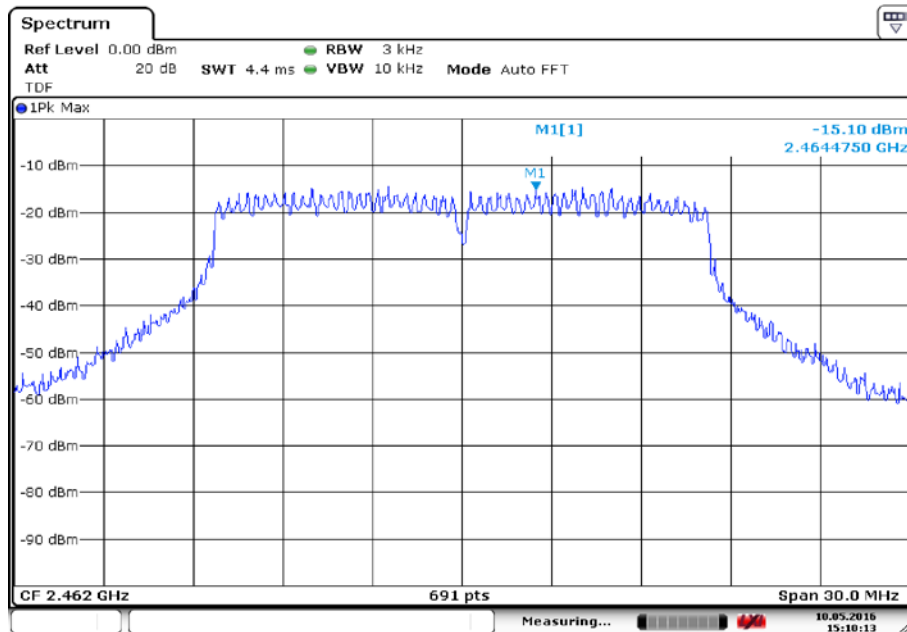
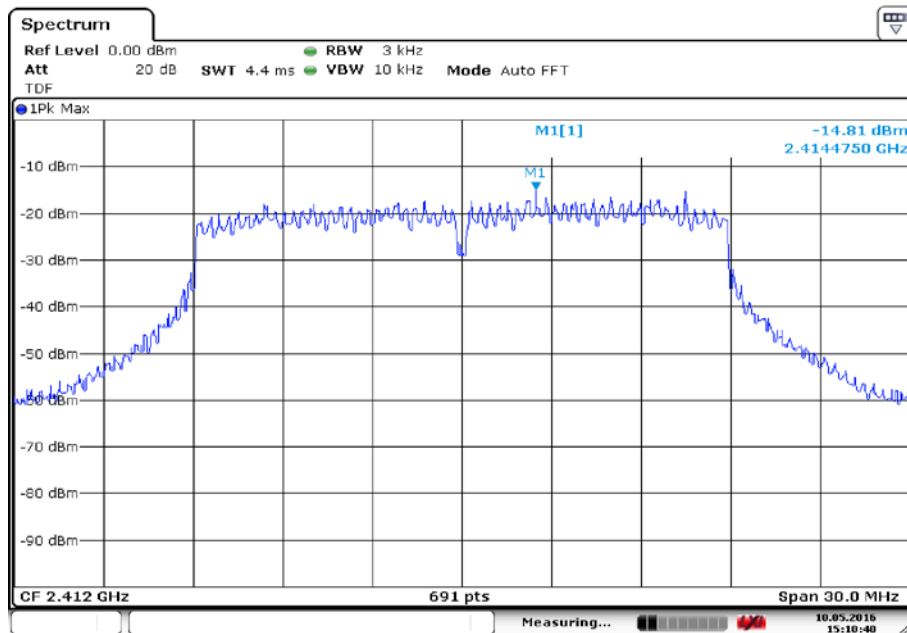


Fig.74 Power Spectral Density (802.11g, Ch 6)



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Fig.75 Power Spectral Density (802.11g, Ch 11)



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Fig.76 Power Spectral Density (802.11n-20MHz, Ch 1)

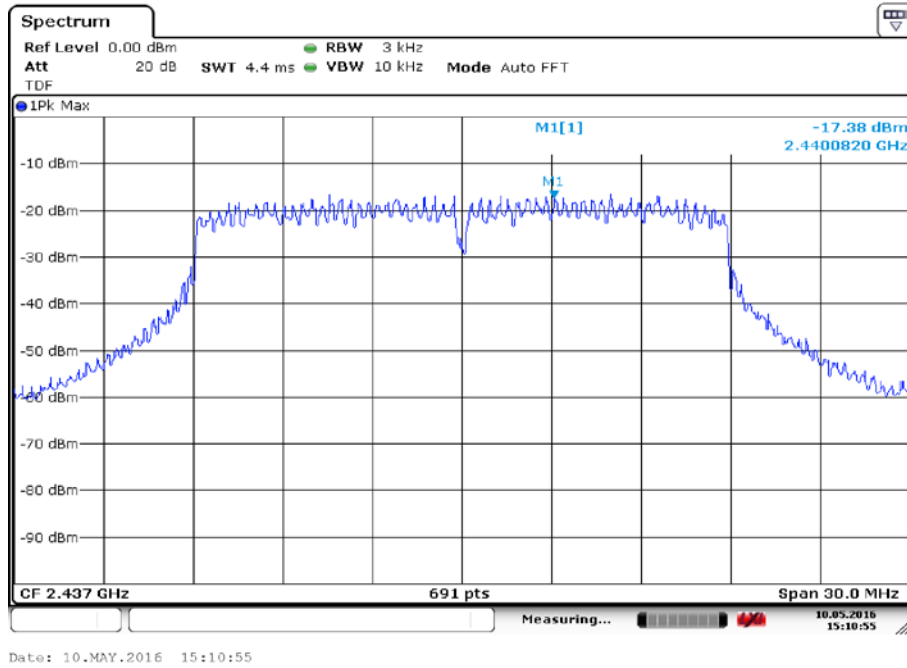


Fig.77 Power Spectral Density (802.11n-20MHz, Ch 6)

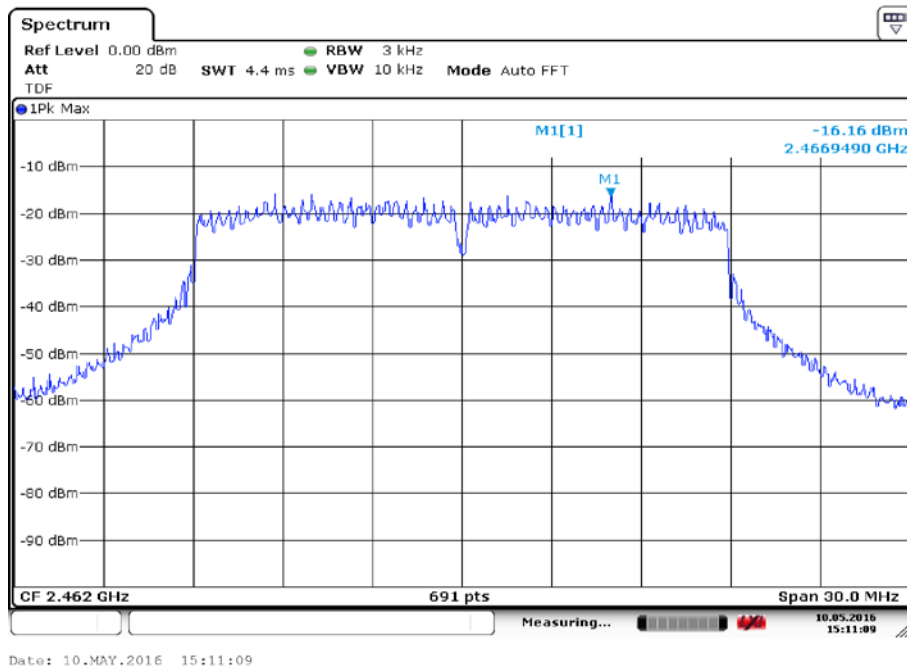


Fig.78 Power Spectral Density (802.11n-20MHz, Ch 11)

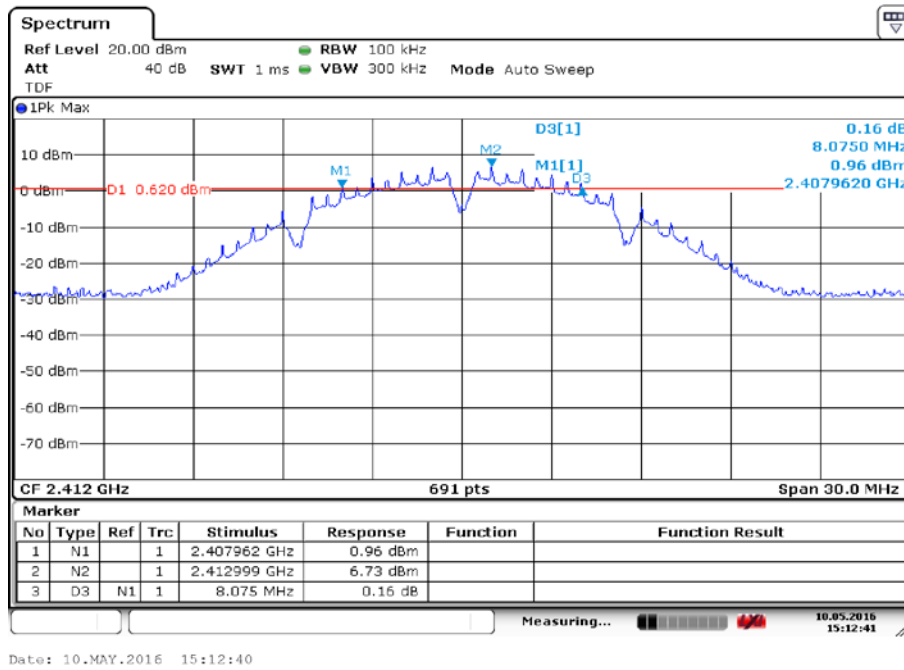


Fig.79 Occupied 6dB Bandwidth (802.11b, Ch 1)

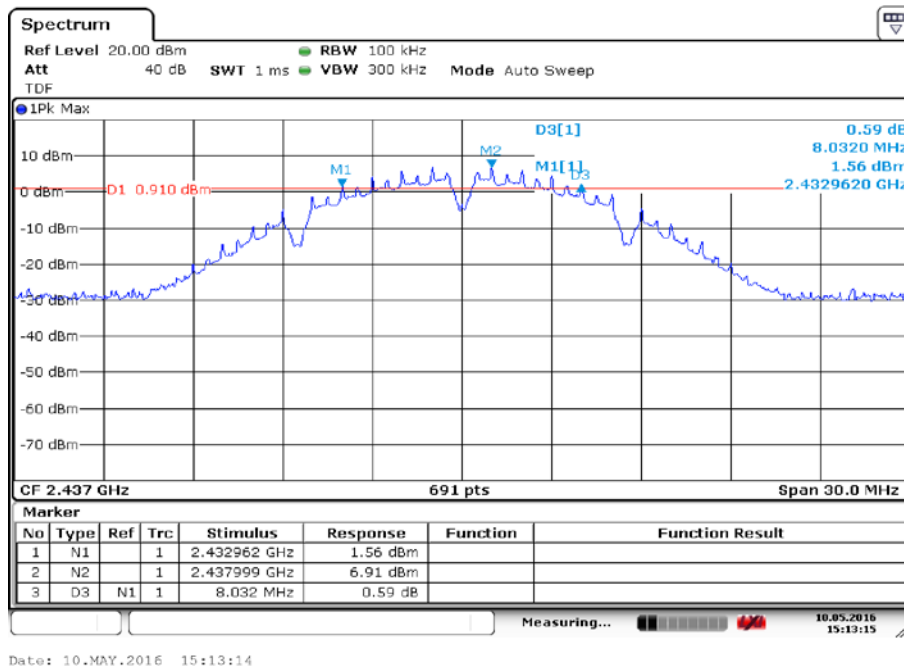


Fig.80 Occupied 6dB Bandwidth (802.11b, Ch 6)

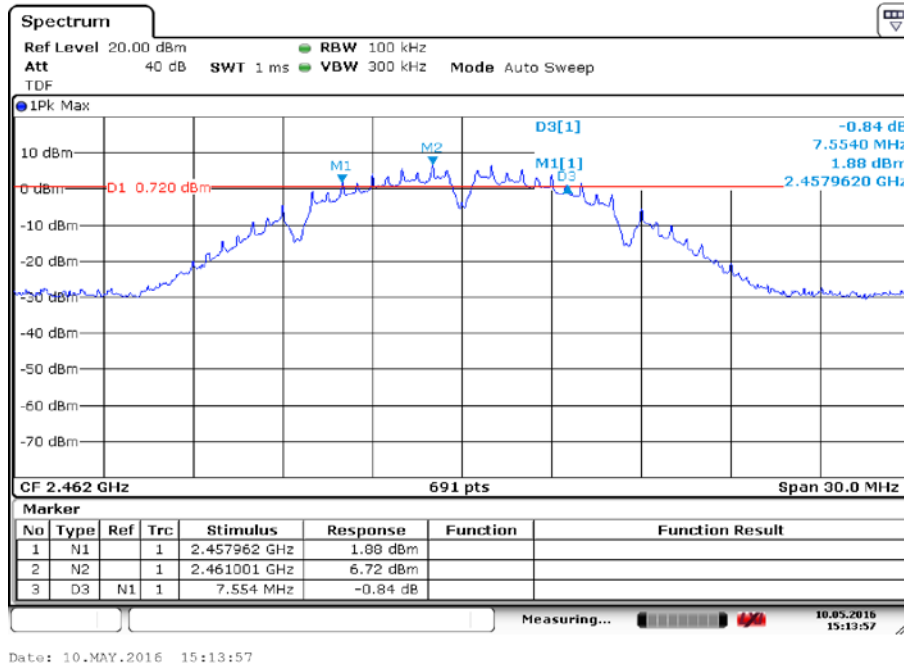


Fig.81 Occupied 6dB Bandwidth (802.11b, Ch 11)

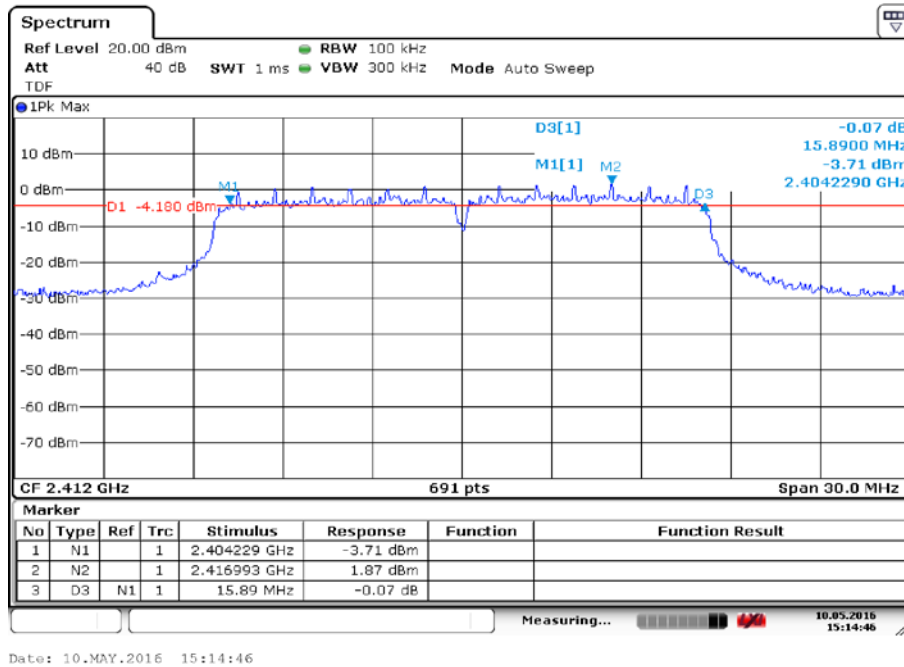


Fig.82 Occupied 6dB Bandwidth (802.11g, Ch 1)

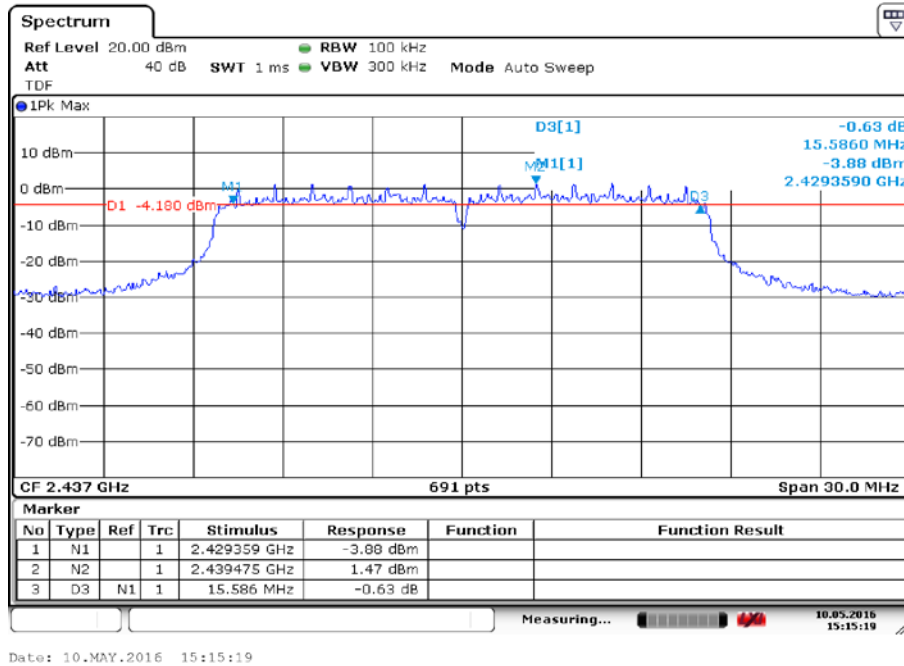


Fig.83 Occupied 6dB Bandwidth (802.11g, Ch 6)

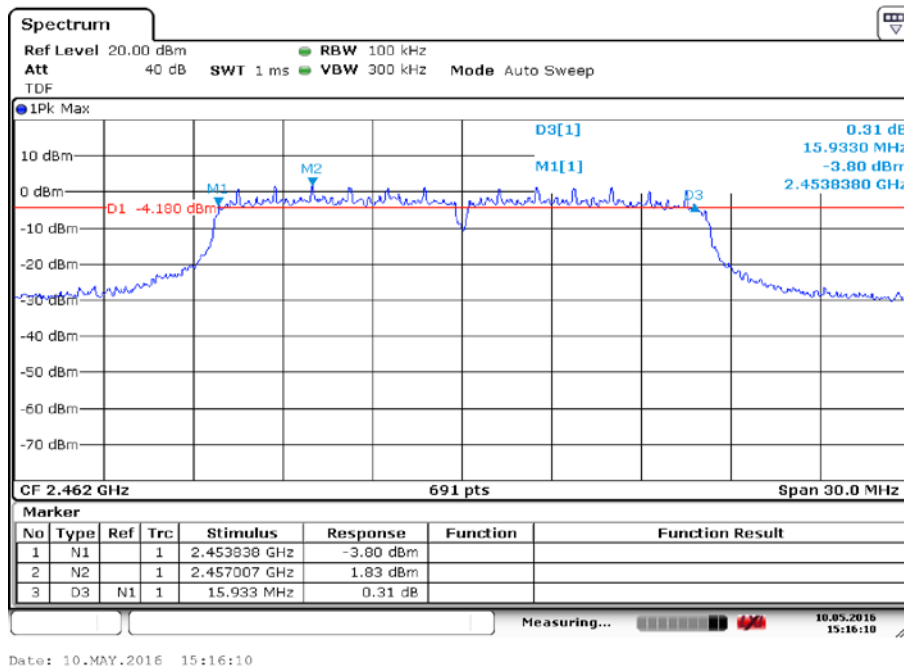


Fig.84 Occupied 6dB Bandwidth (802.11g, Ch 11)

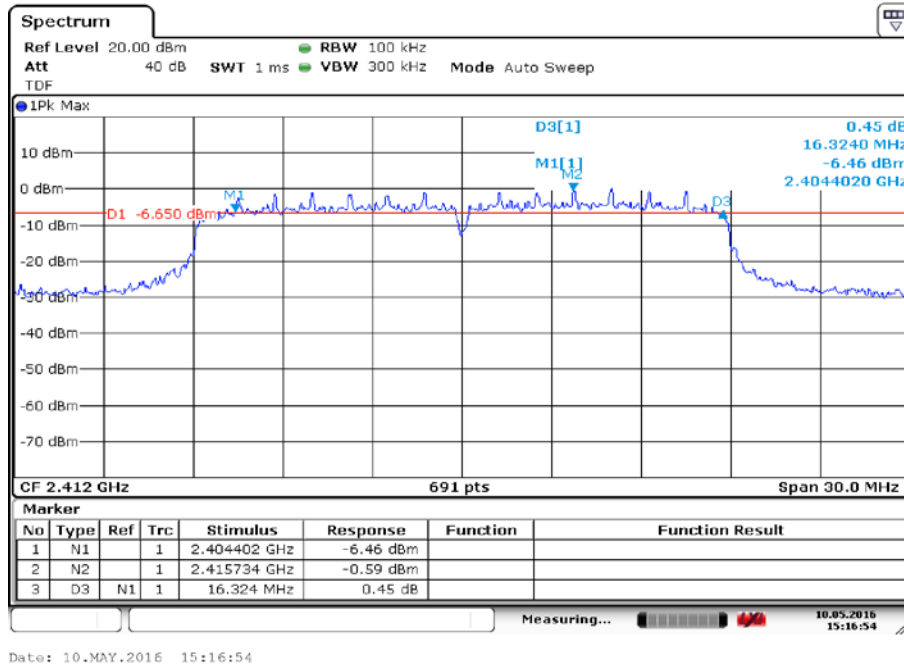


Fig.85 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 1)

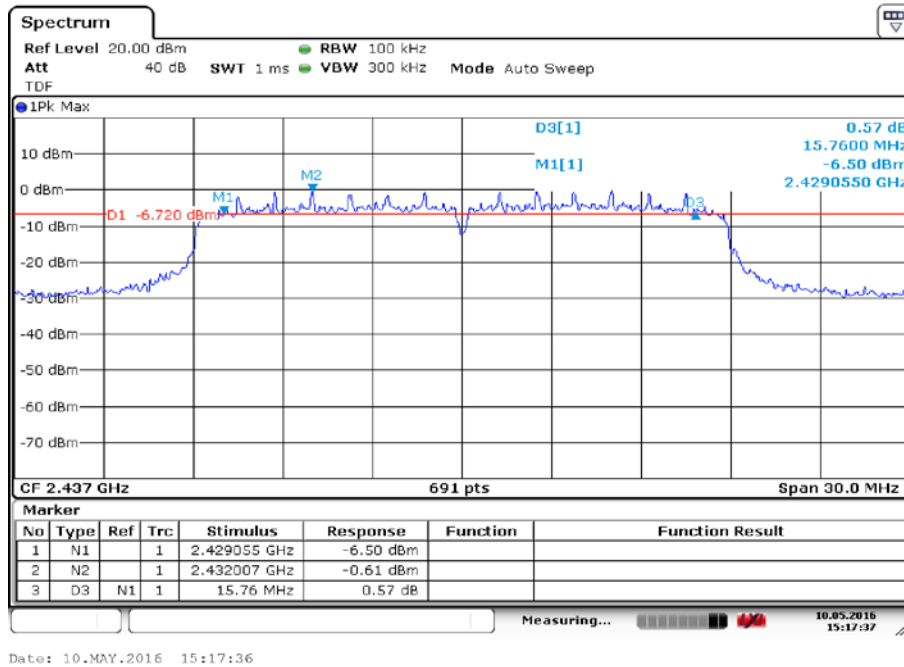


Fig.86 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 6)

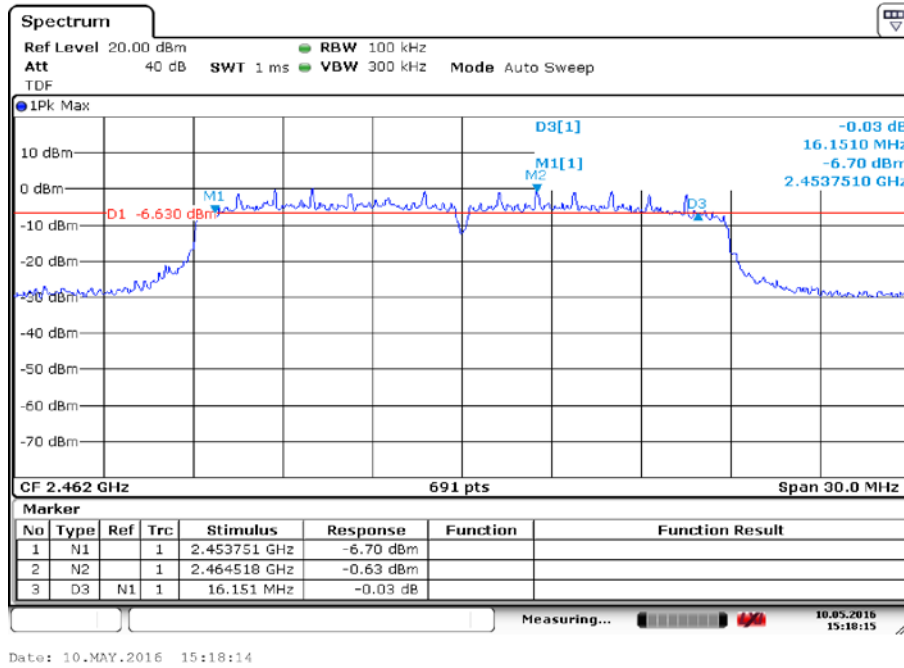


Fig.87 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 11)

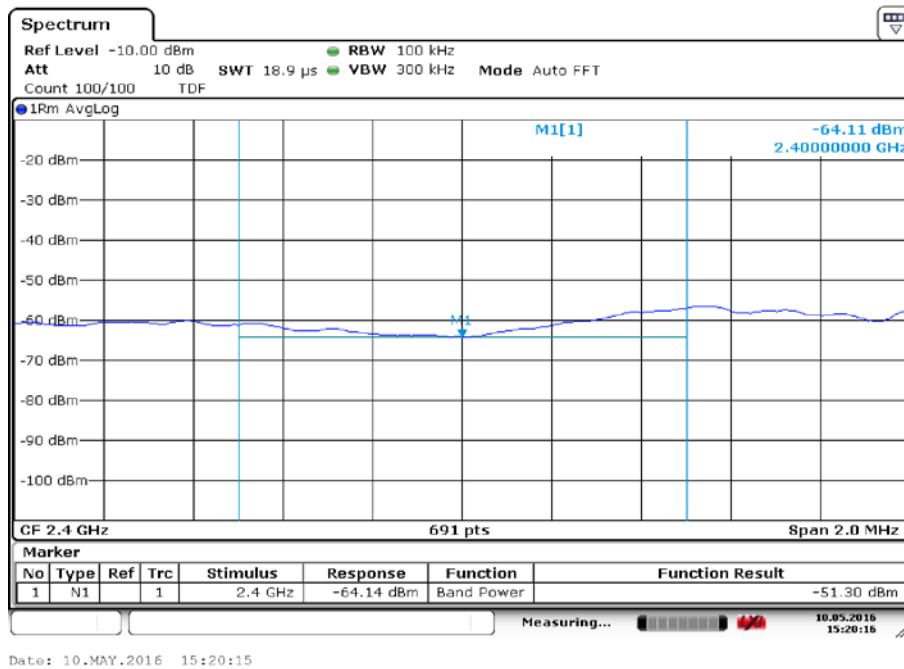


Fig.88 Band Edges (802.11b, Ch 1)

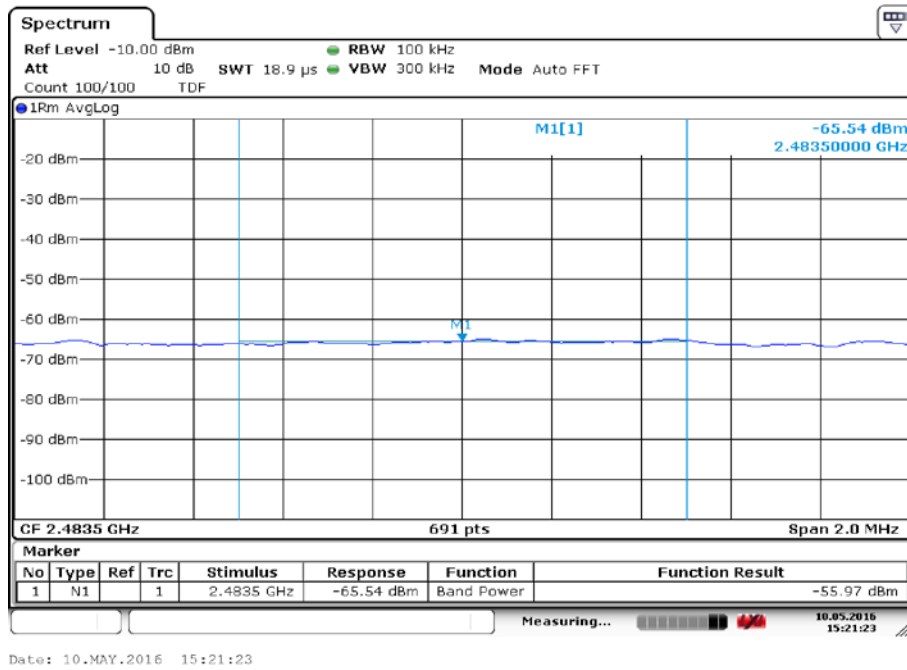


Fig.89 Band Edges (802.11b, Ch 11)

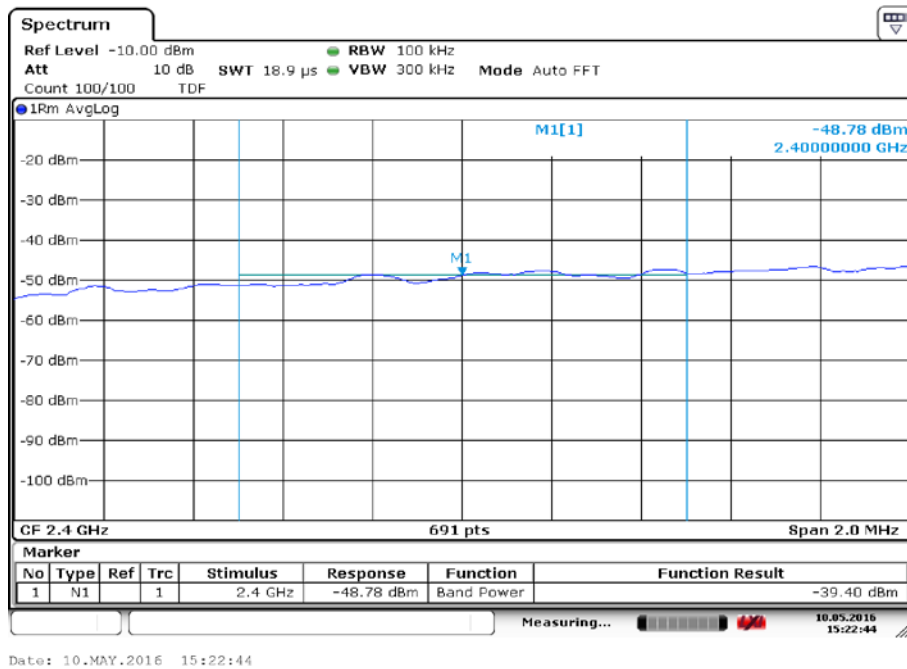


Fig.90 Band Edges (802.11g, Ch 1)

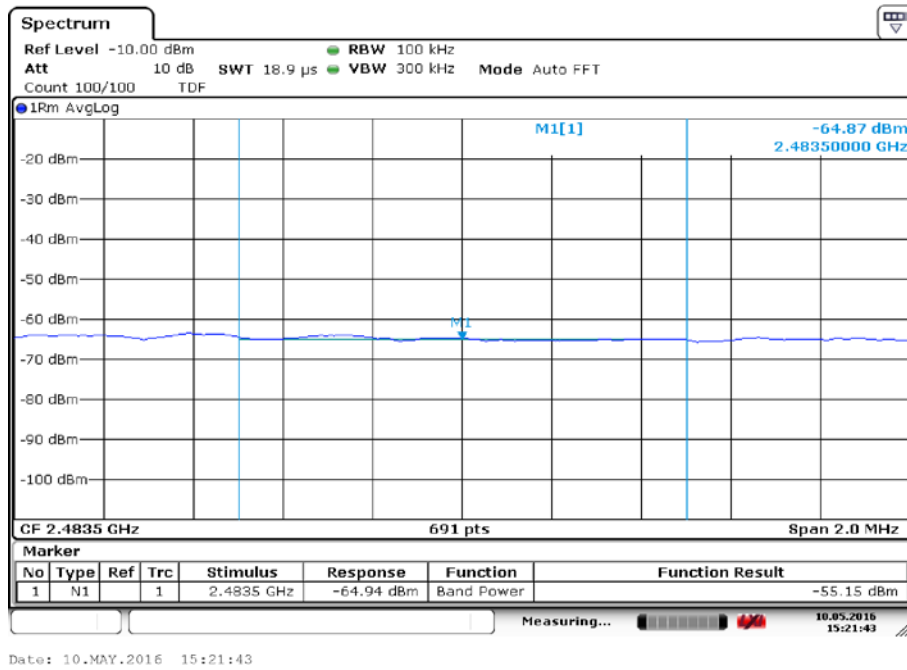


Fig.91 Band Edges (802.11g, Ch 11)

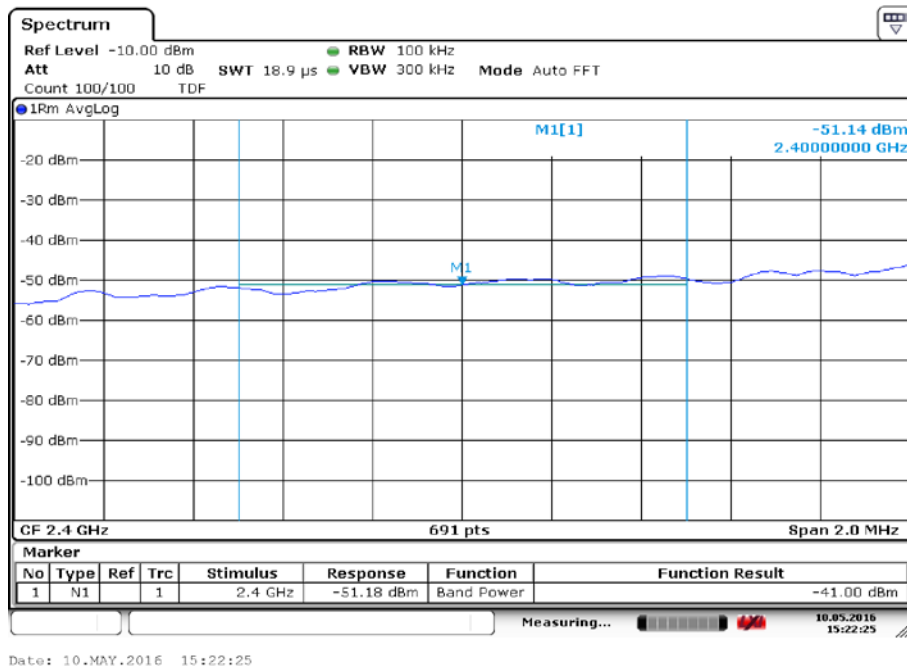


Fig.92 Band Edges (802.11 n-20MHz, Ch 1)

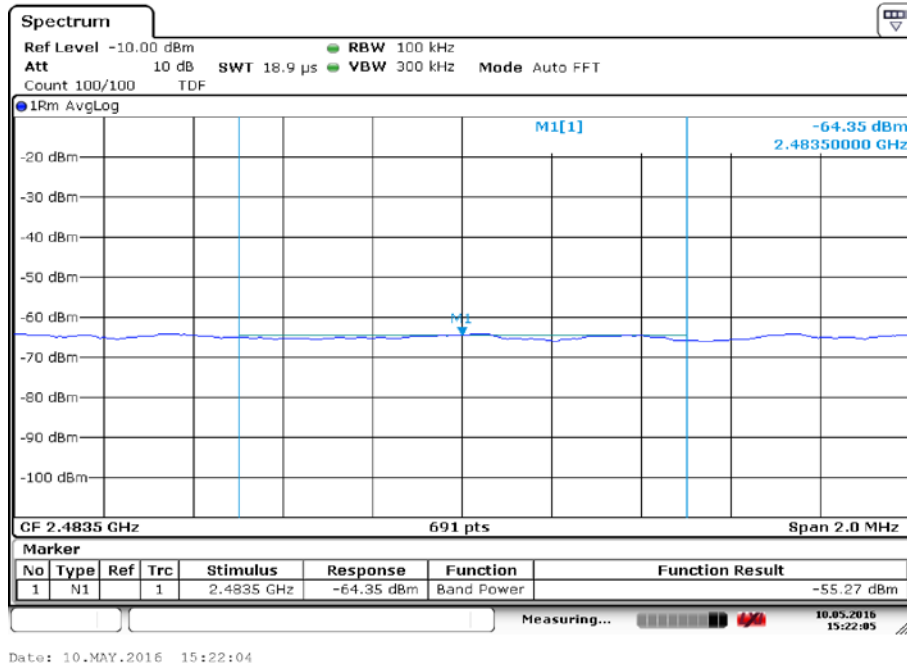


Fig.93 Band Edges (802.11 n-20MHz, Ch 11)

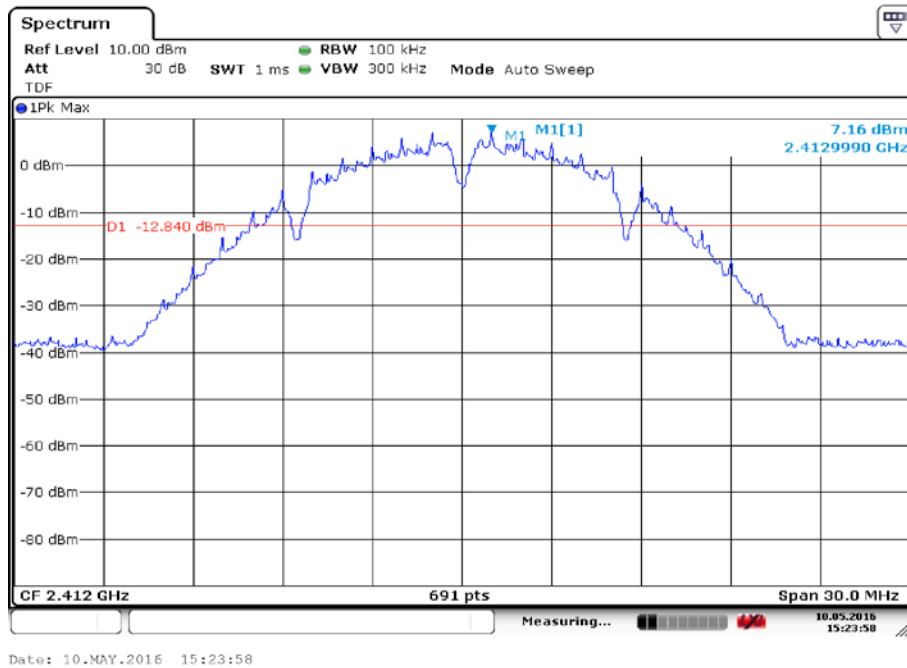


Fig.94 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)

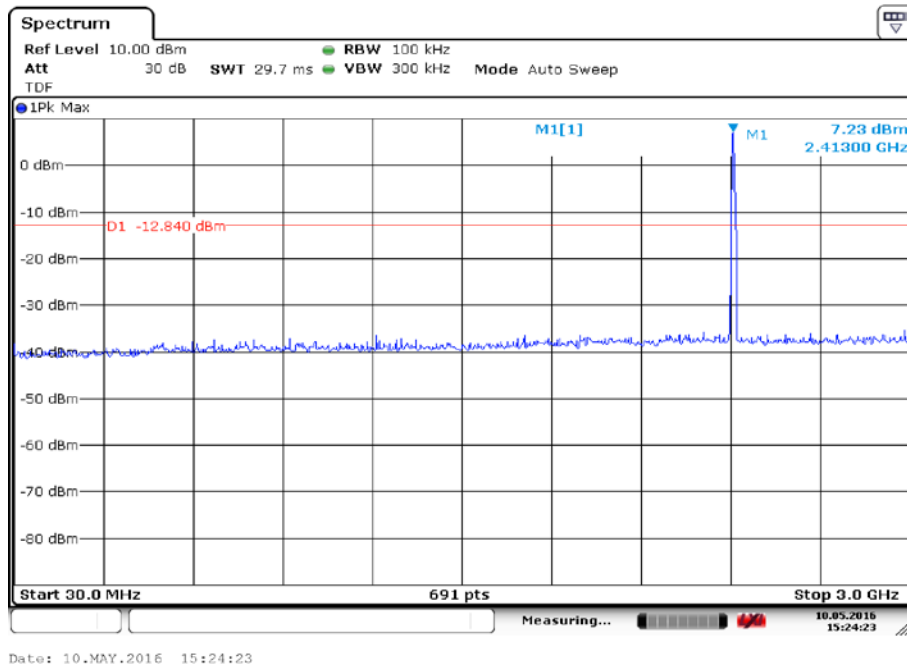


Fig.95 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-3 GHz)

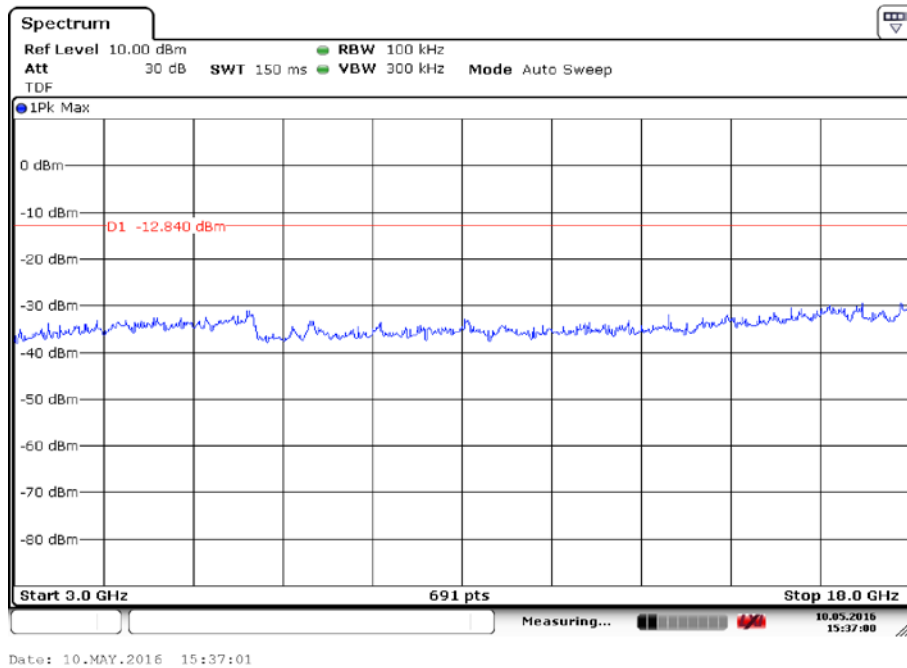


Fig.96 Conducted Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

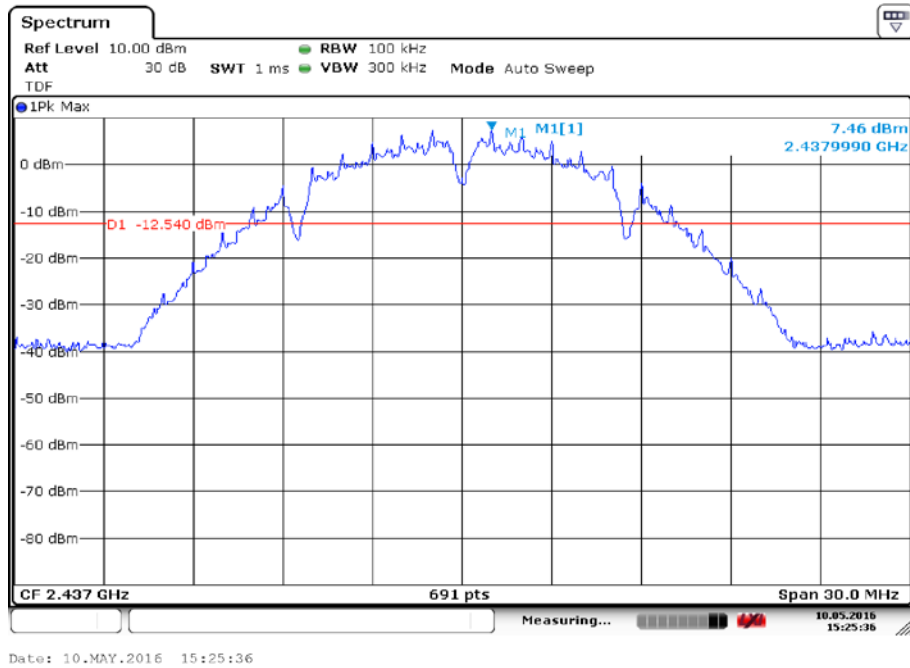


Fig.97 Conducted Spurious Emission (802.11b, Ch6, Center Frequency)

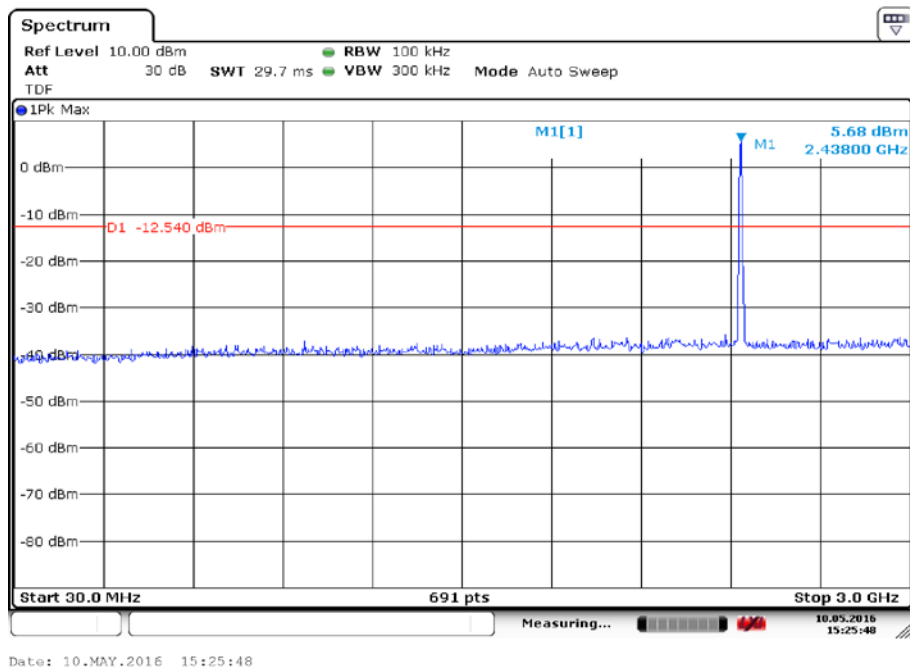


Fig.98 Conducted Spurious Emission (802.11b, Ch6, 30 MHz-3 GHz)

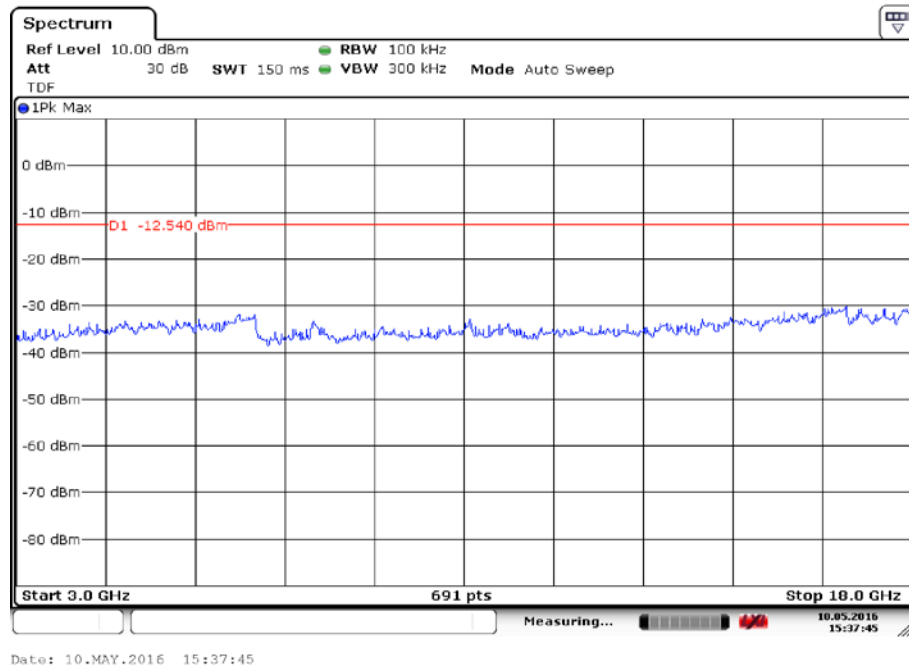


Fig.99 Conducted Spurious Emission (802.11b, Ch6, 3 GHz-18 GHz)

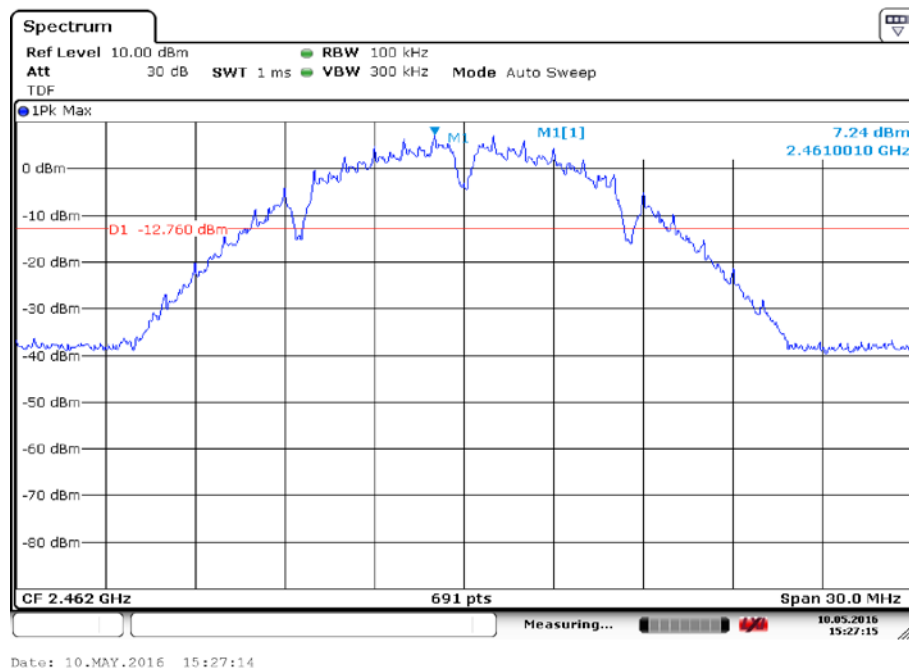
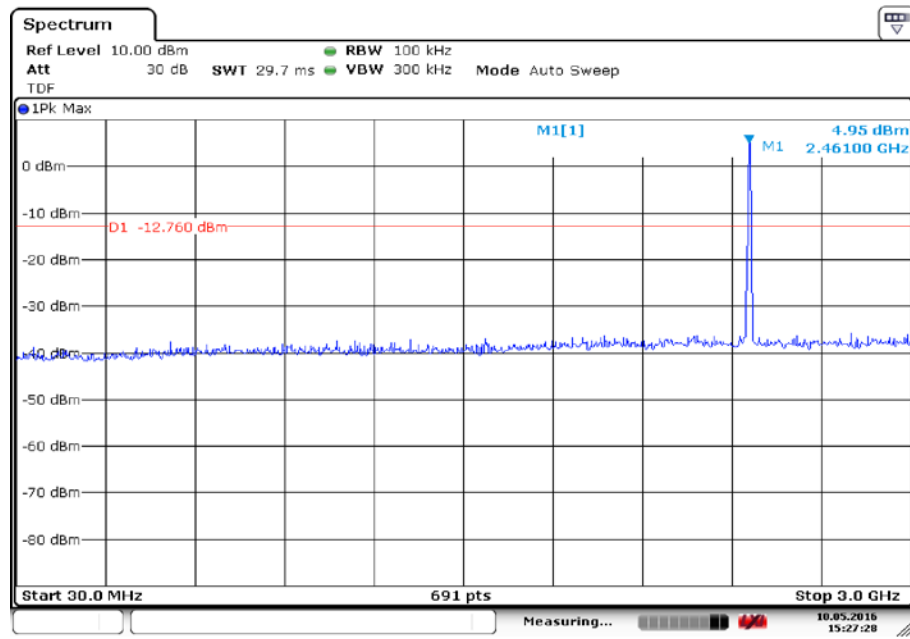
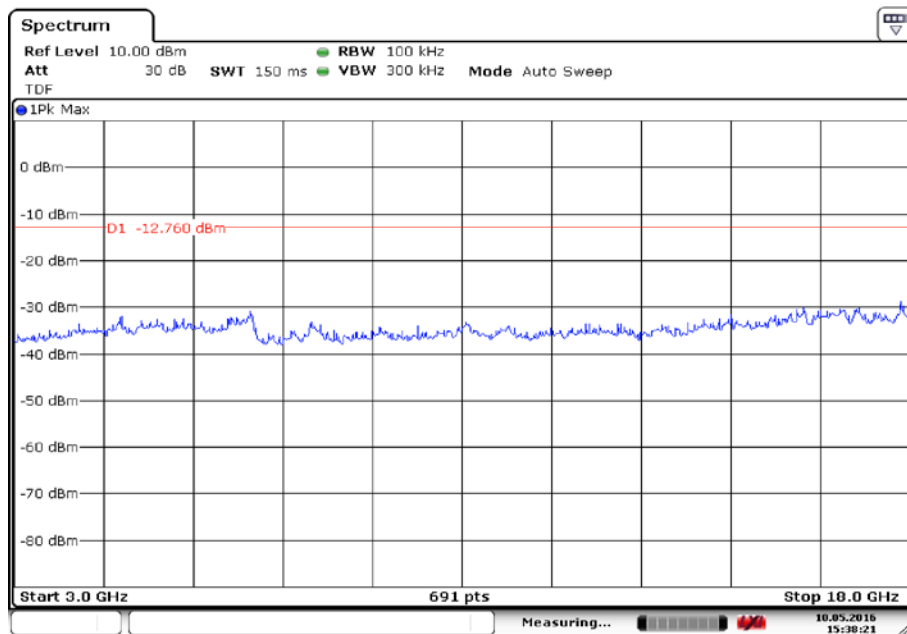


Fig.100 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)



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



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

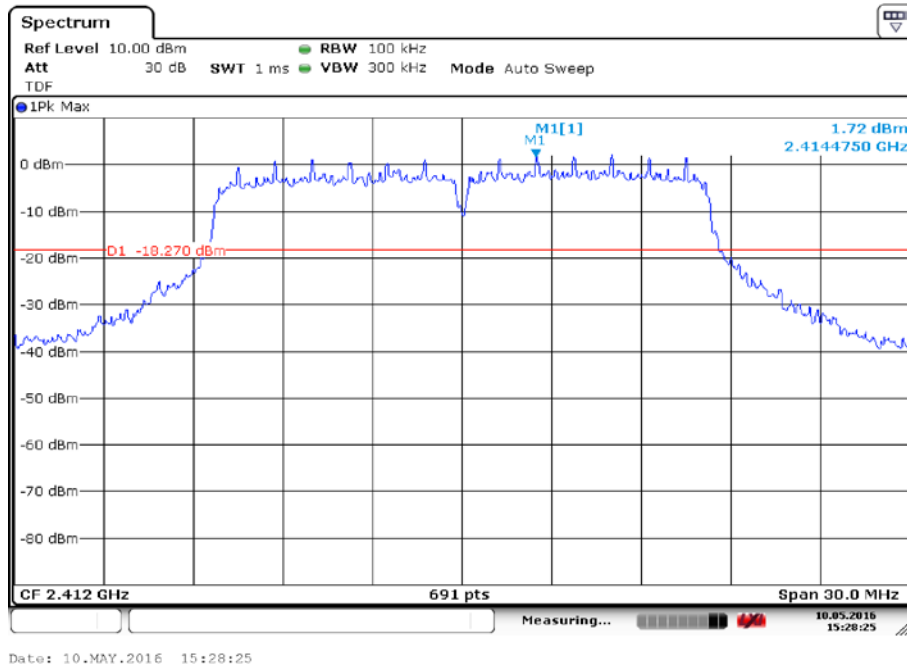


Fig.103 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)

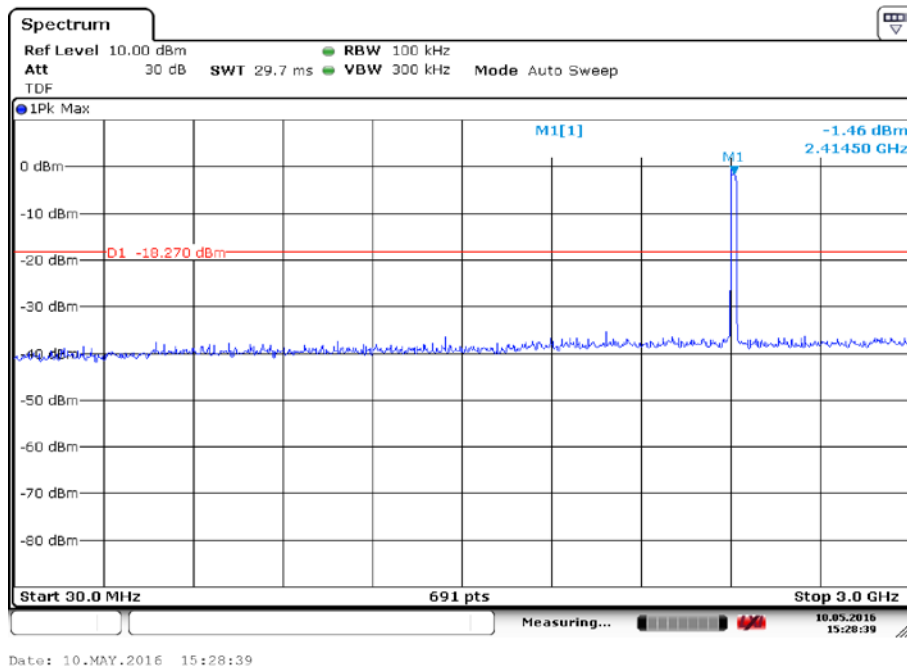
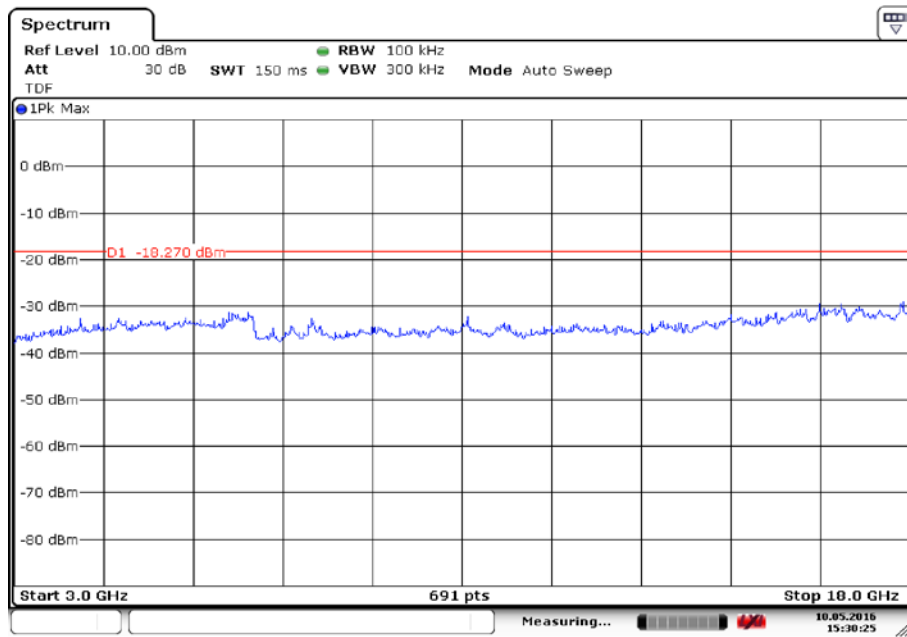
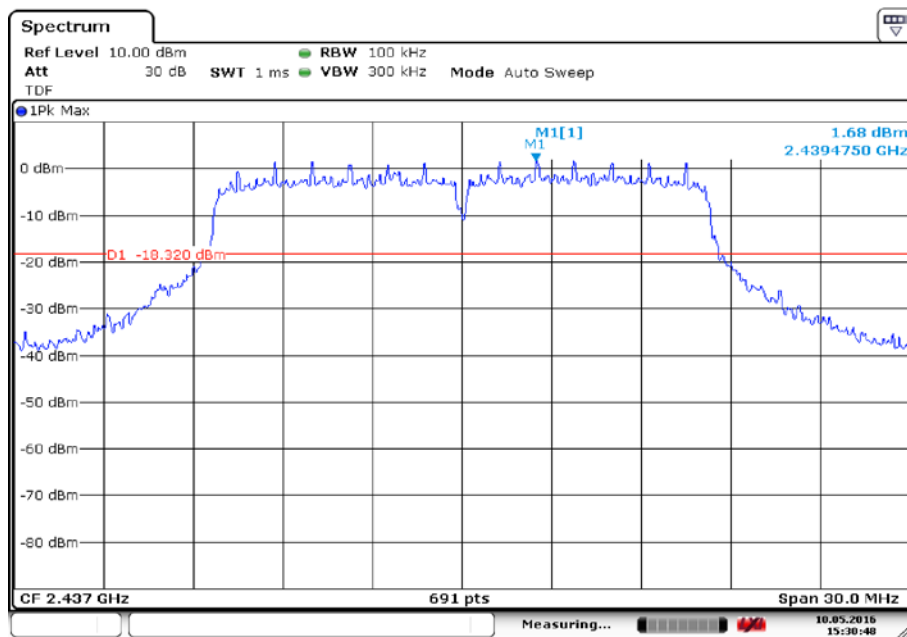


Fig.104 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-3 GHz)



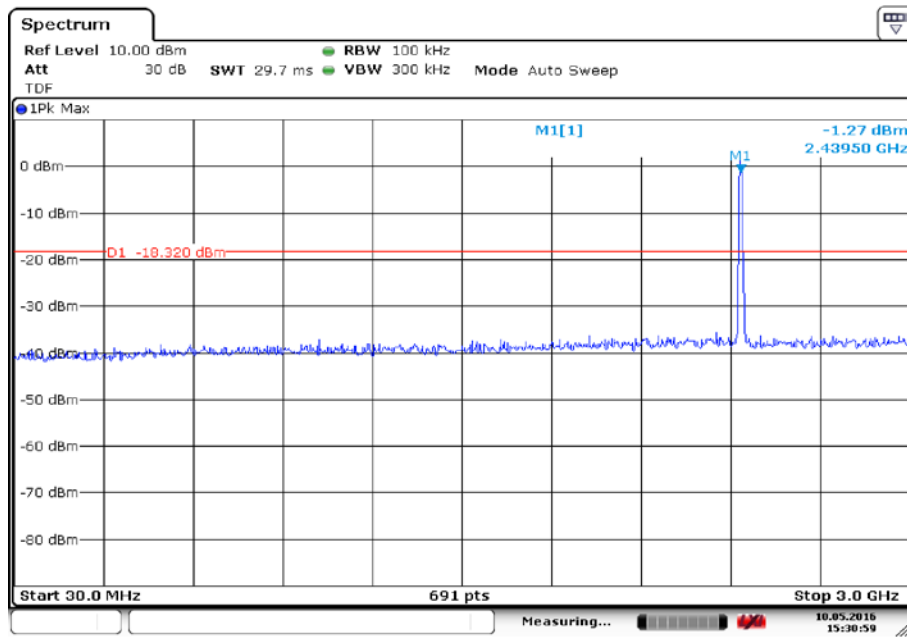
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Fig.105 Conducted Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)



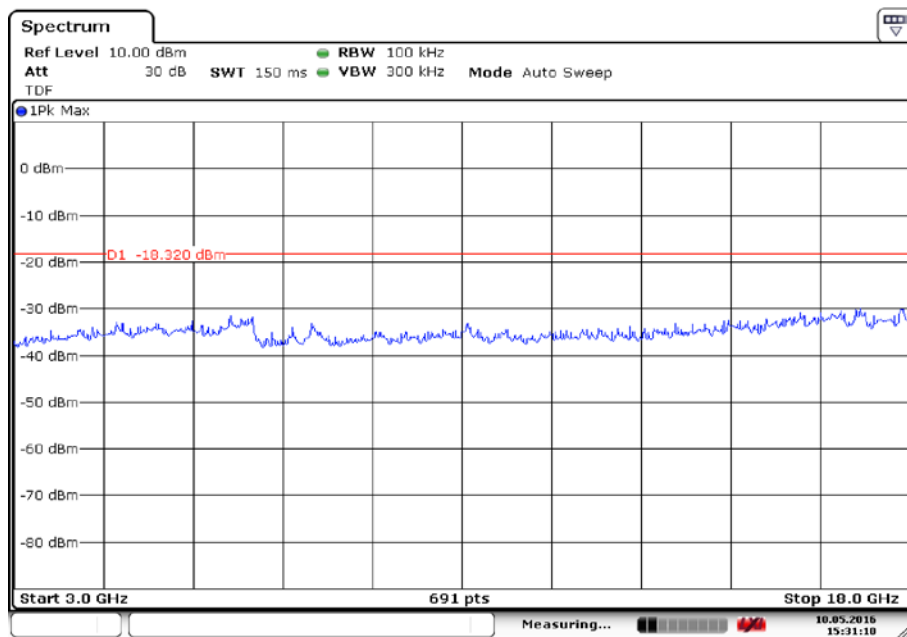
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Fig.106 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)



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



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Fig.108 Conducted Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

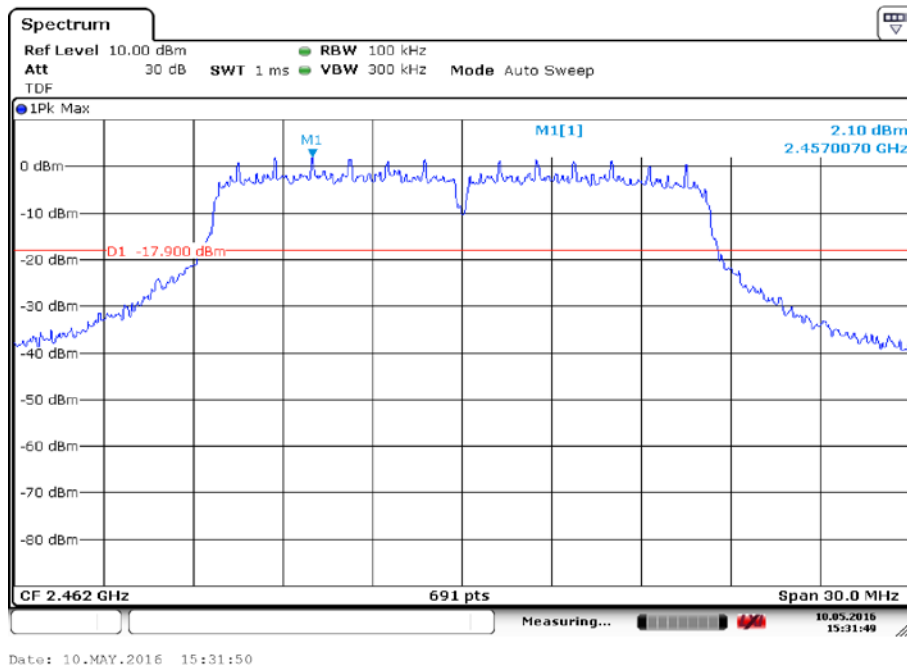


Fig.109 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

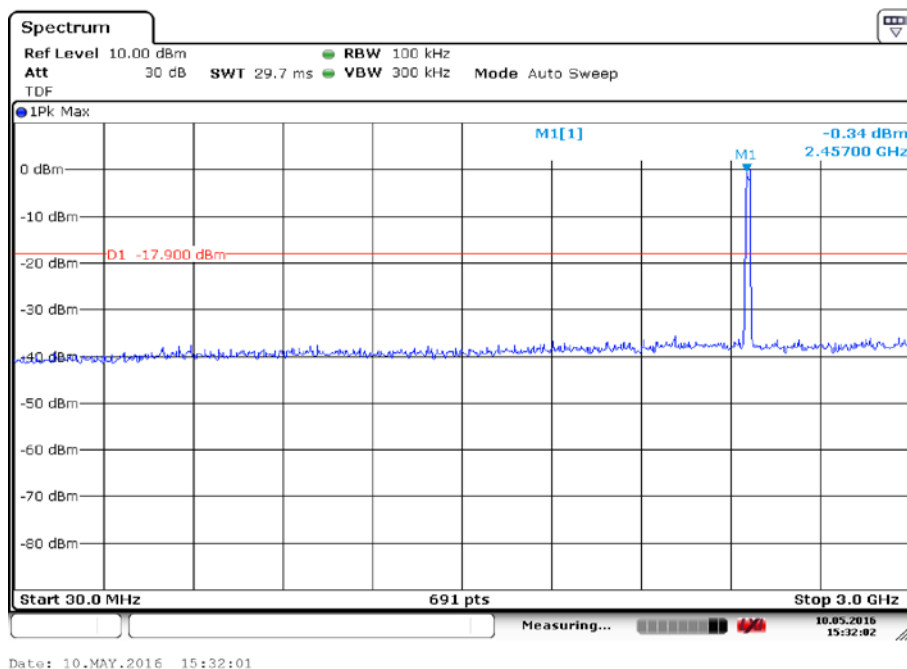


Fig.110 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-3 GHz)

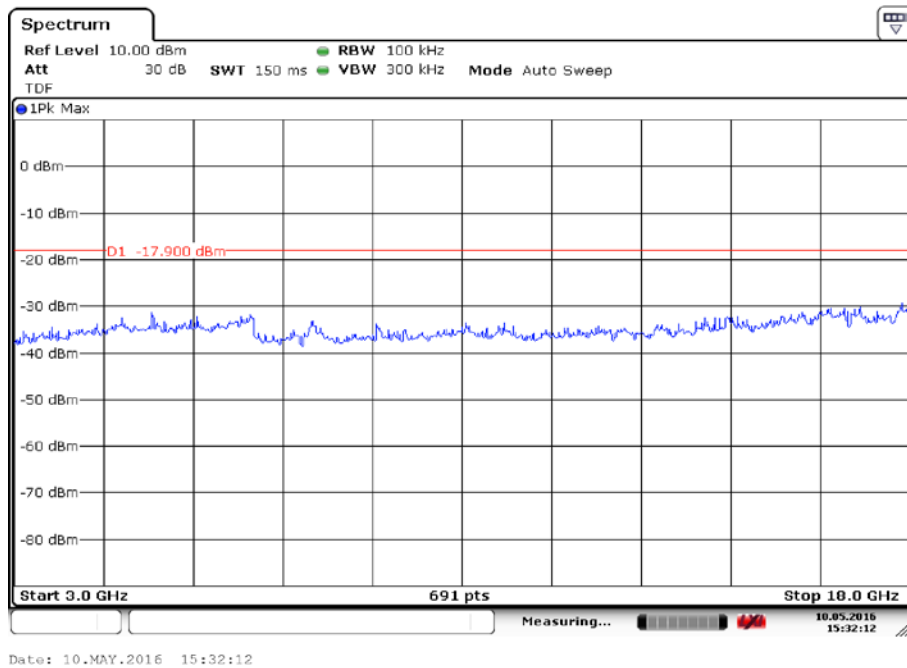


Fig.111 Conducted Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

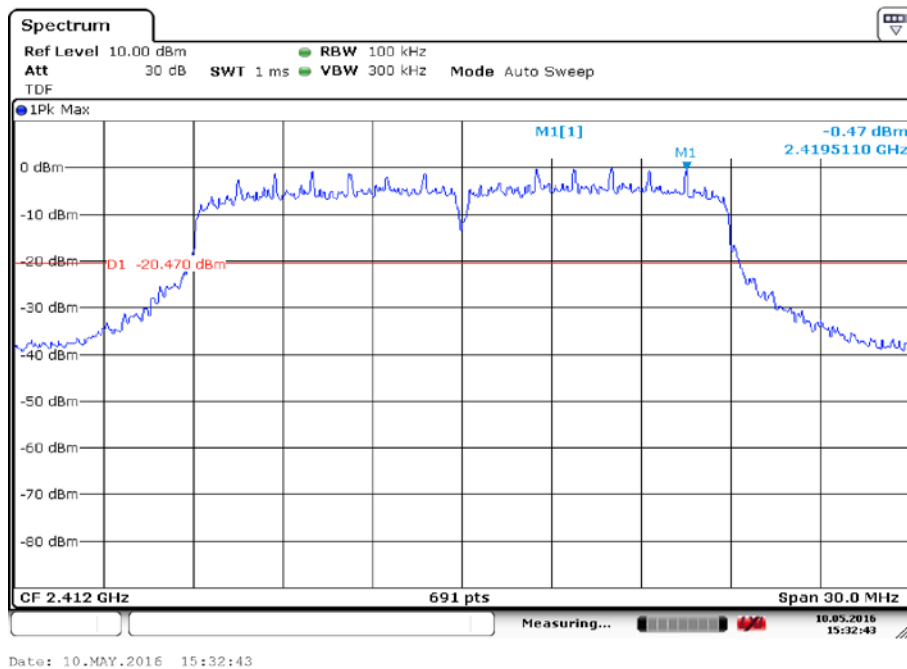


Fig.112 Conducted Spurious Emission (802.11n-20M, Ch1, Center Frequency)

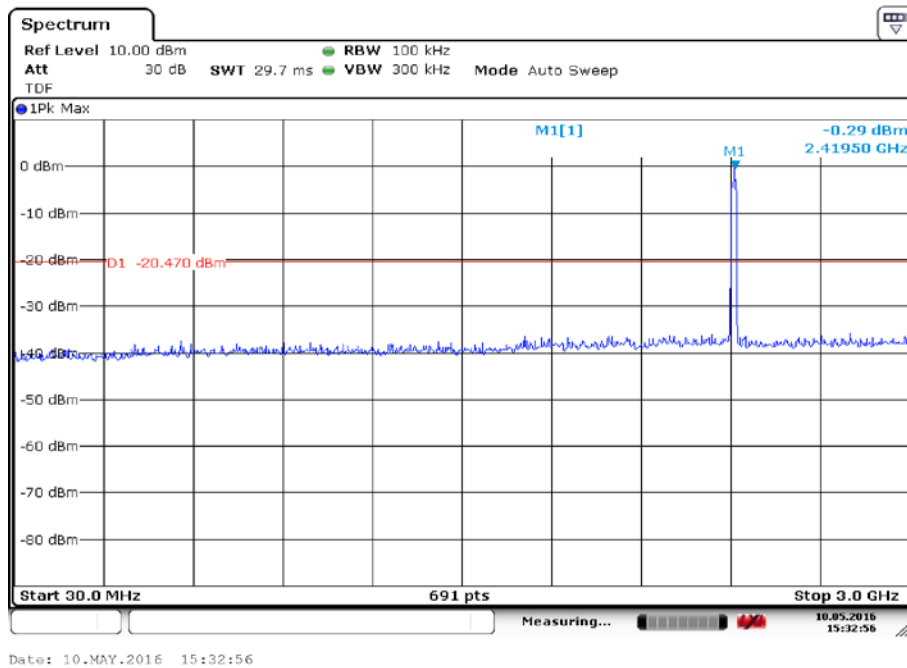


Fig.113 Conducted Spurious Emission (802.11n-20M, Ch1, 30 MHz-3 GHz)

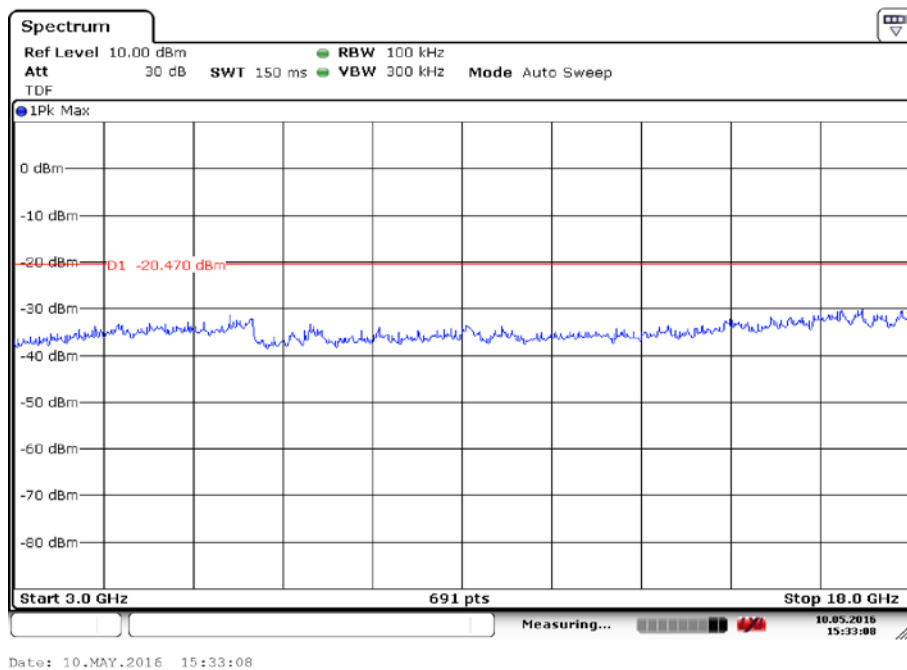


Fig.114 Conducted Spurious Emission (802.11n-20M, Ch1, 3 GHz-18 GHz)

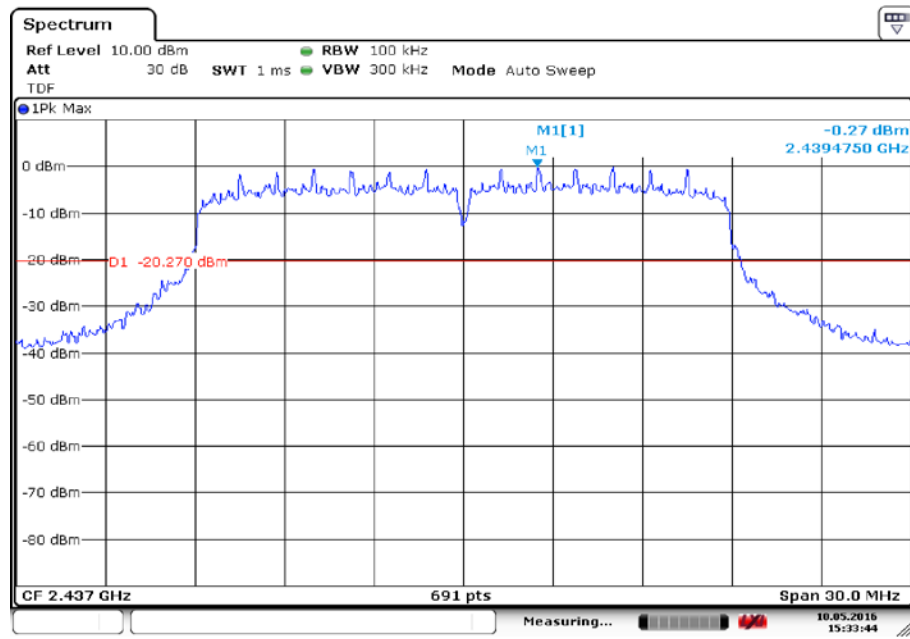


Fig.115 Conducted Spurious Emission (802.11n-20M, Ch6, Center Frequency)

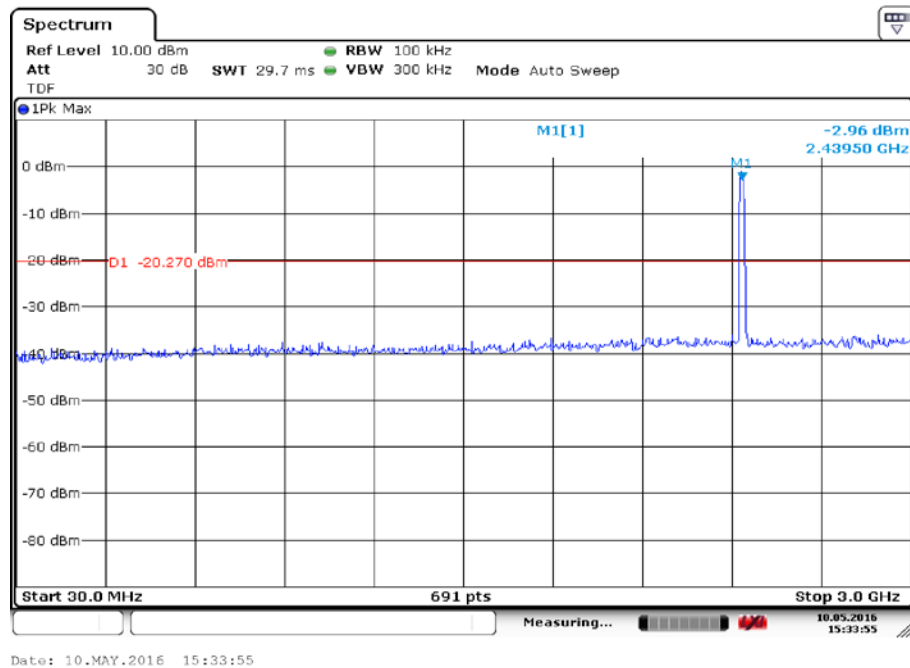
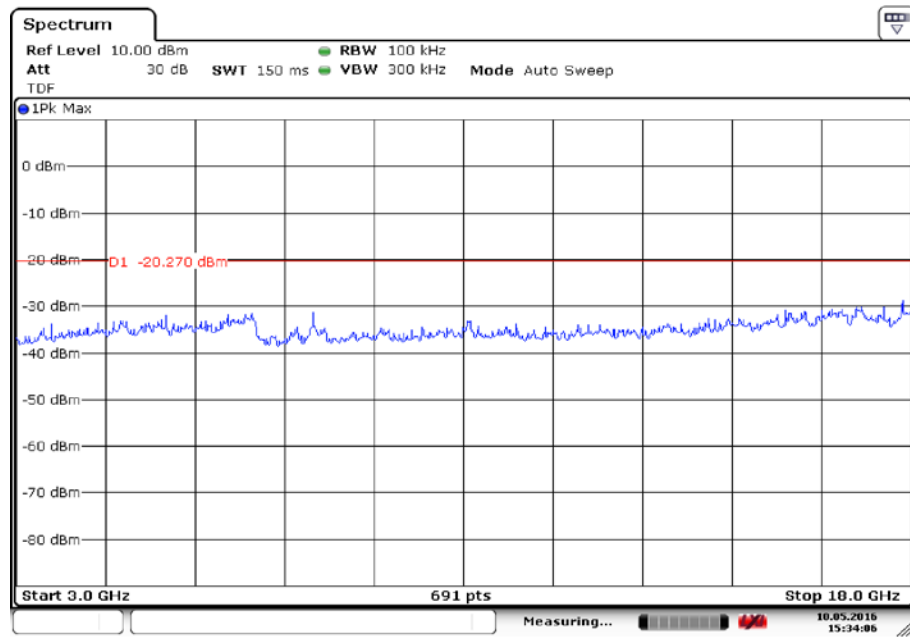
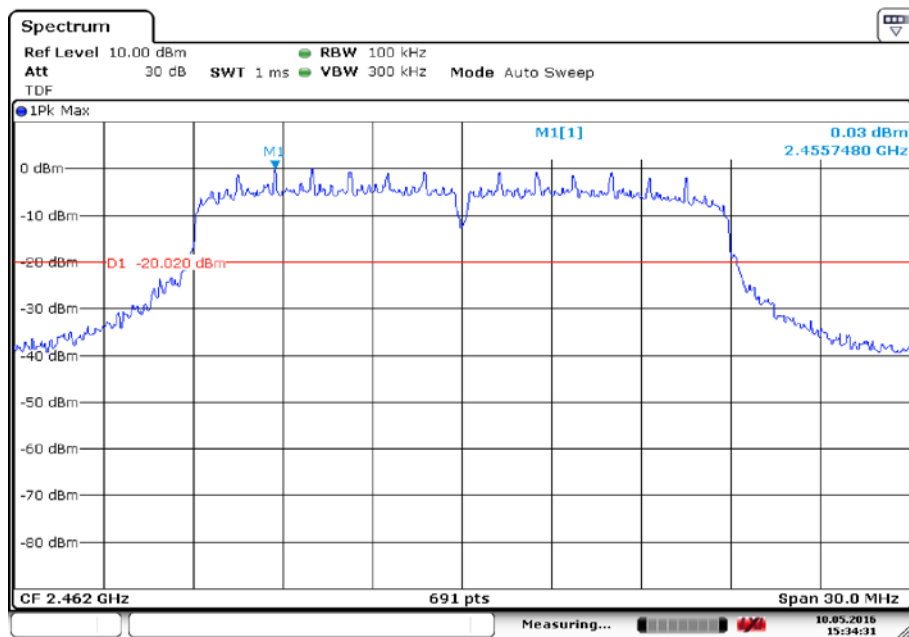


Fig.116 Conducted Spurious Emission (802.11n-20M, Ch6, 30 MHz-3 GHz)



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Fig.117 Conducted Spurious Emission (802.11n-20M, Ch6, 3 GHz-18 GHz)



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Fig.118 Conducted Spurious Emission (802.11n-20M, Ch11, Center Frequency)

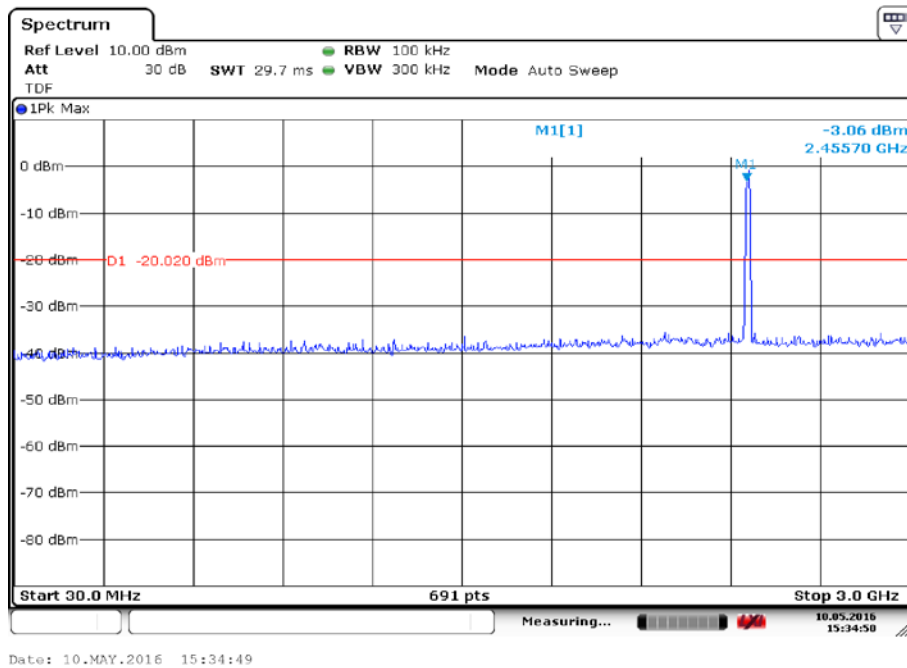


Fig.119 Conducted Spurious Emission (802.11n-20M, Ch11, 30 MHz-3 GHz)

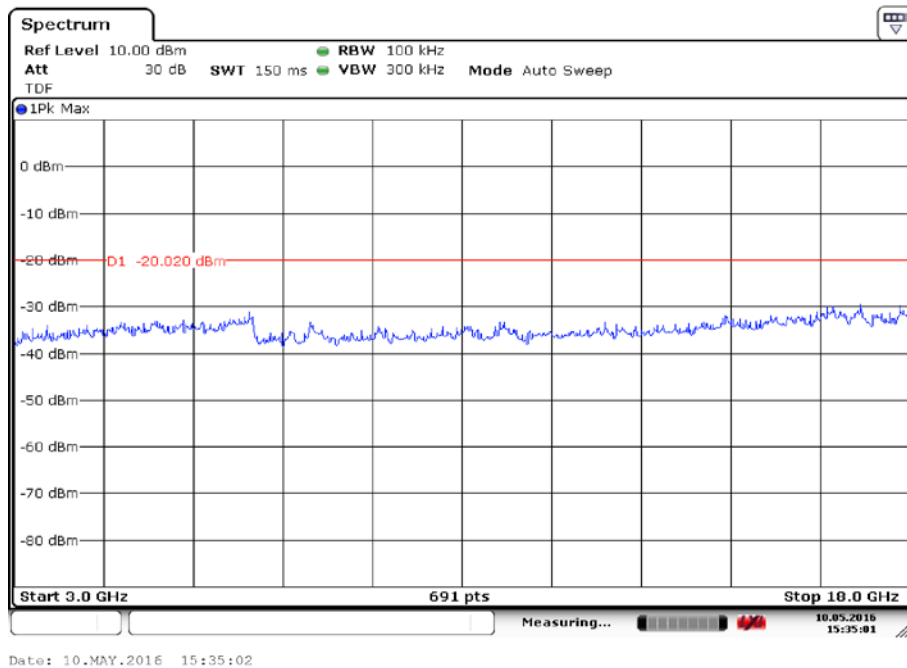


Fig.120 Conducted Spurious Emission (802.11n-20M, Ch11, 3 GHz-18 GHz)

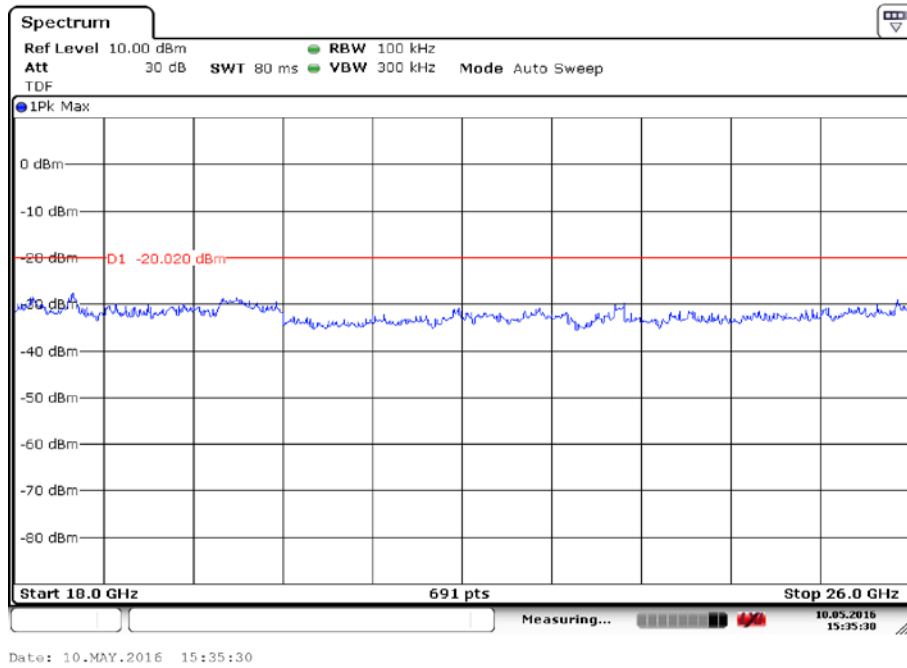


Fig.121 Conducted Spurious Emission (All channels, 18 GHz-26 GHz)

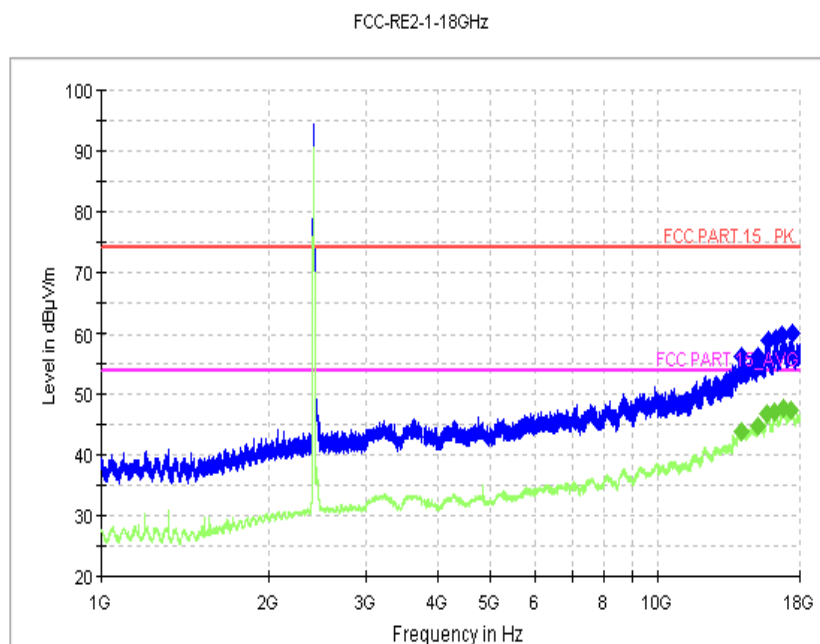


Fig.122 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-18GHz)

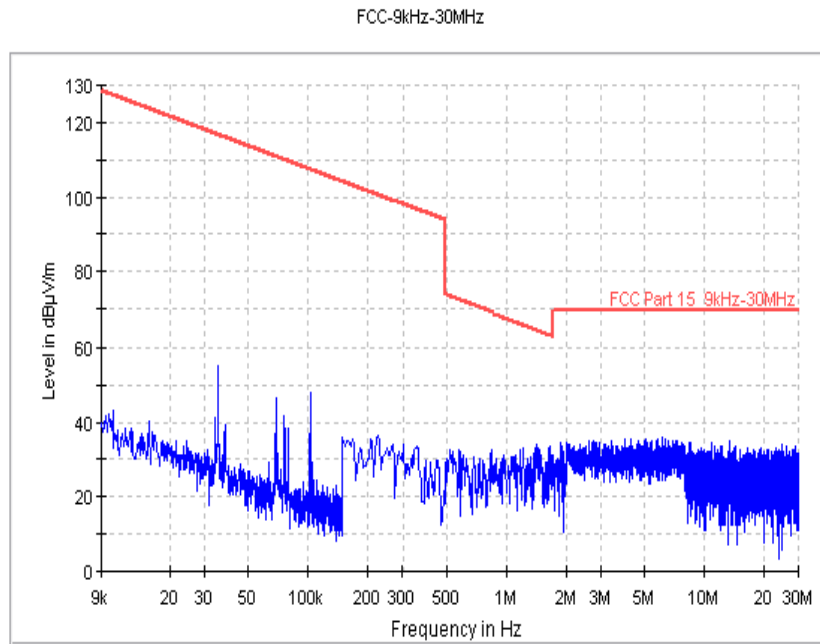


Fig.123 Radiated Spurious Emission (802.11b, Ch6, 9kHz-30MHz,AE1)

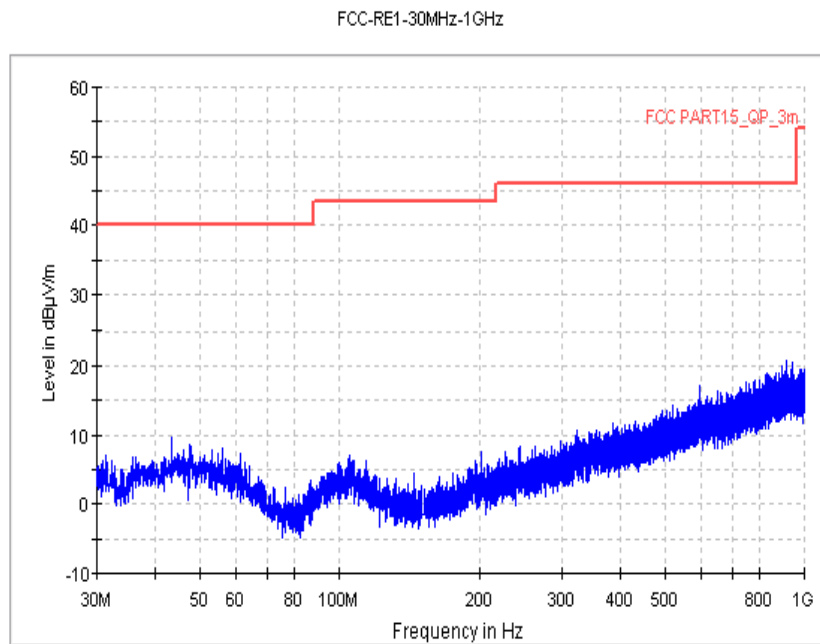


Fig.124 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE1)

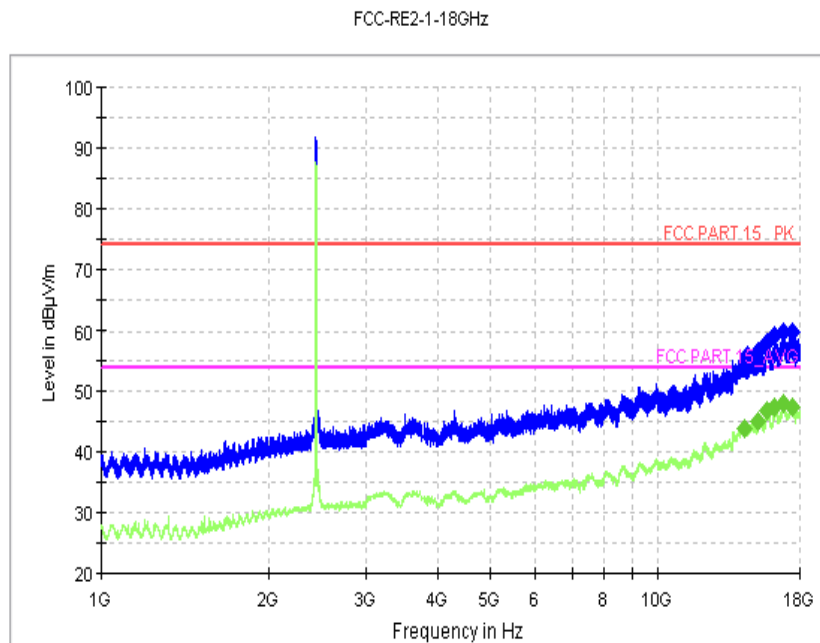


Fig.125 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-18GHz)

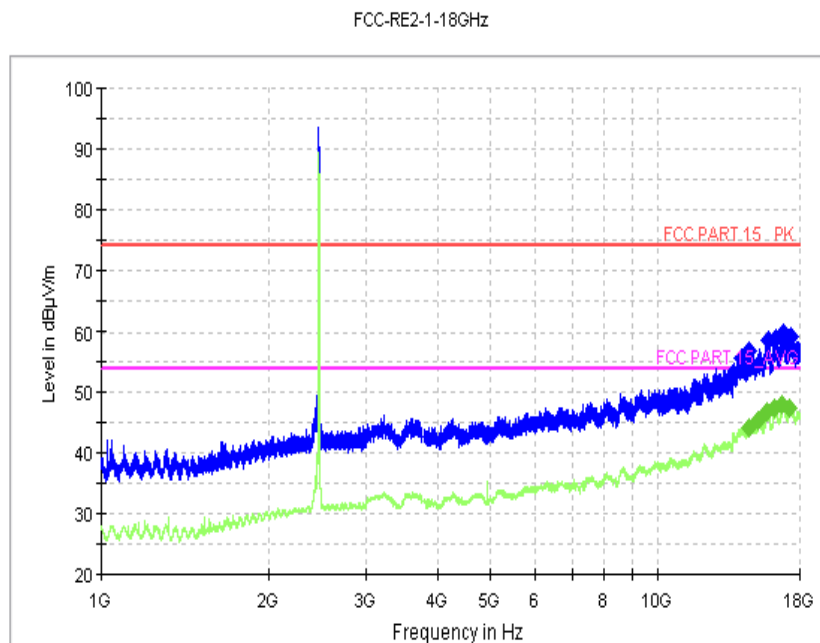


Fig.126 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-18GHz)

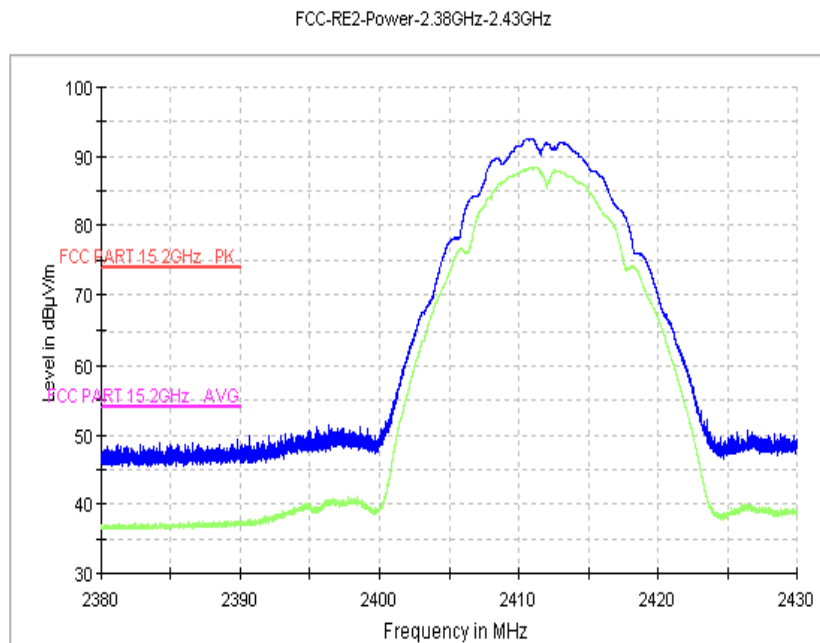


Fig.127 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)

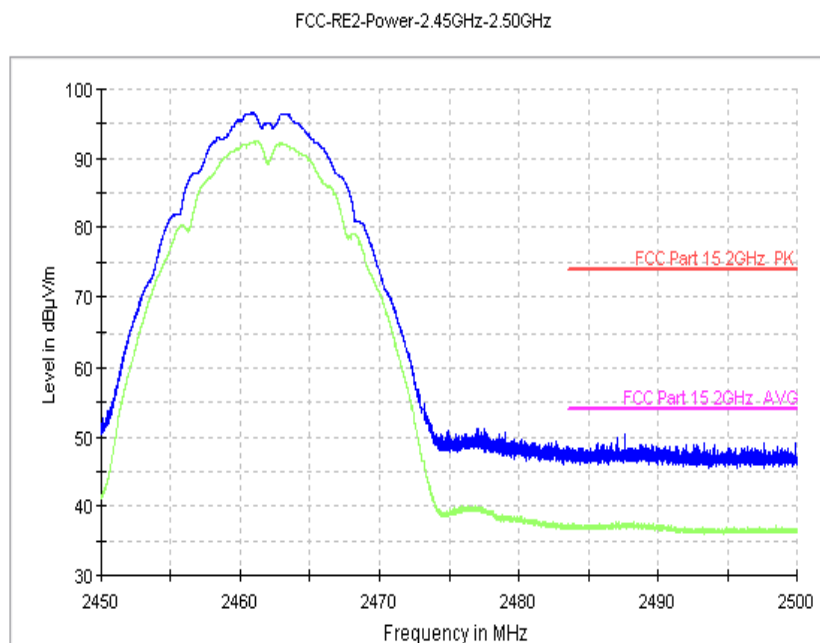


Fig.128 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)

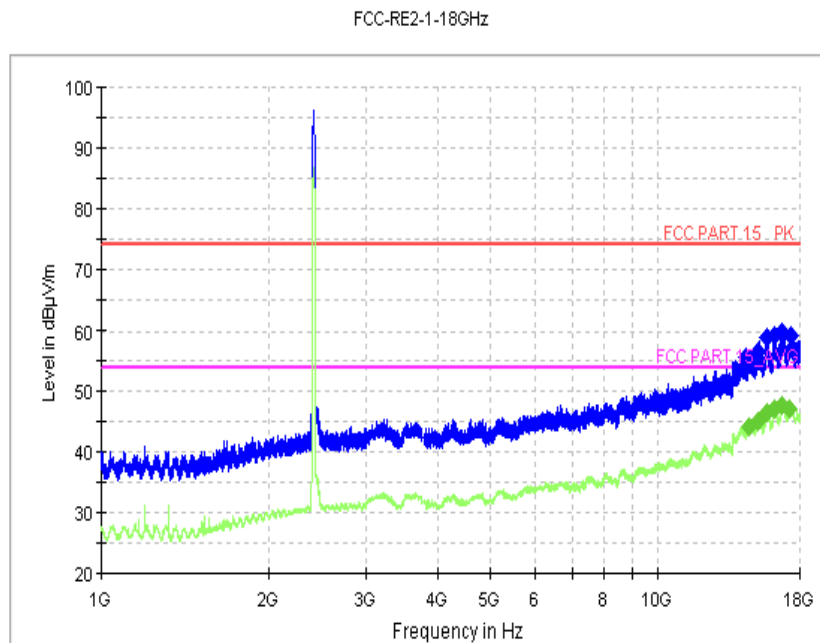


Fig.129 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-18 GHz)

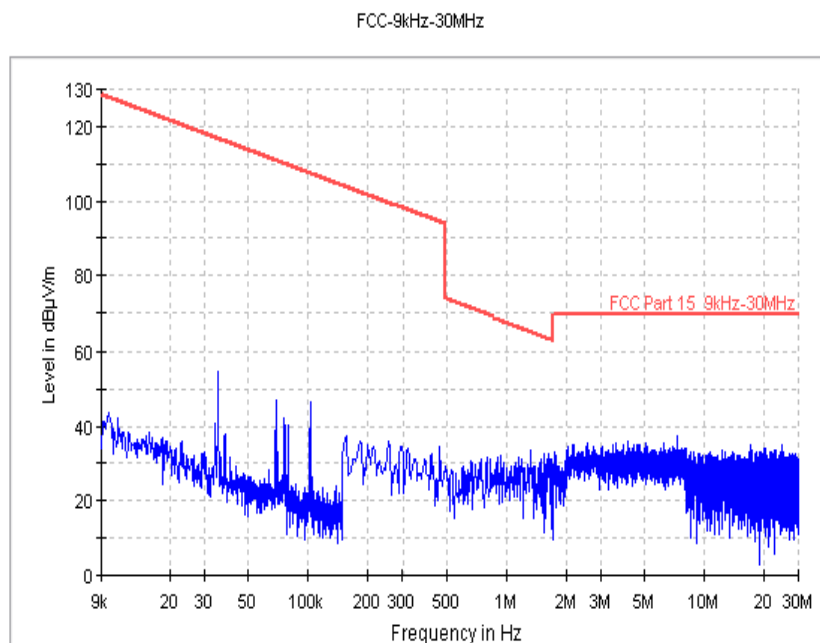


Fig.130 Radiated Spurious Emission (802.11g, Ch6, 9kHz-30MHz)

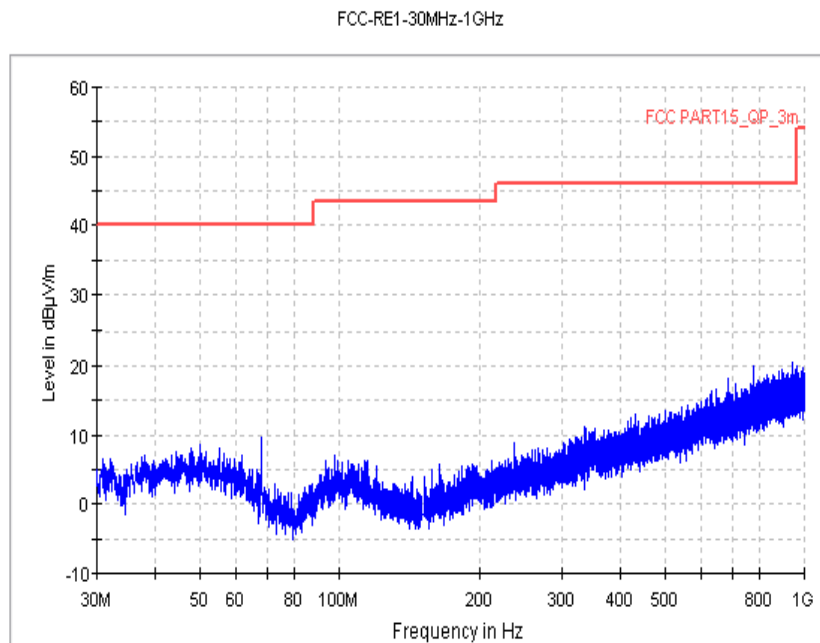


Fig.131 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)

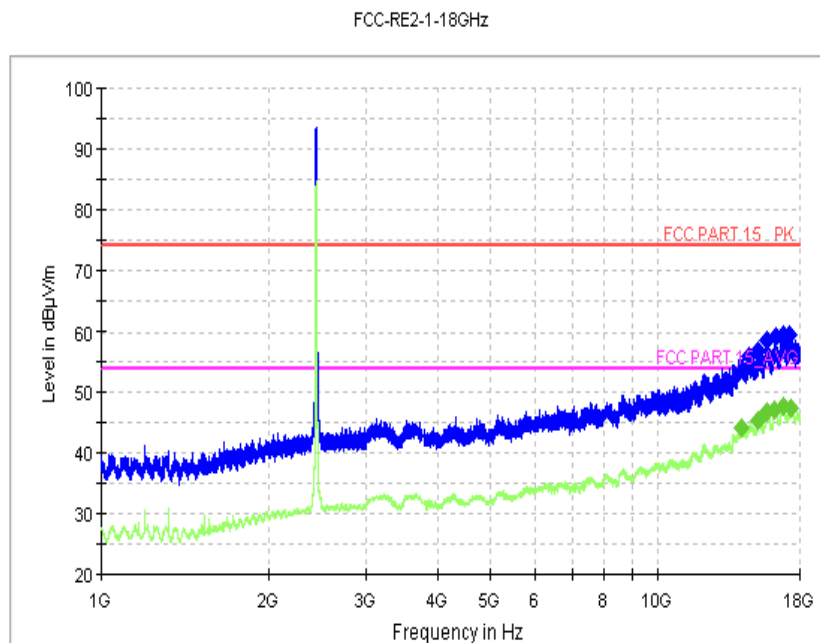


Fig.132 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-18 GHz)

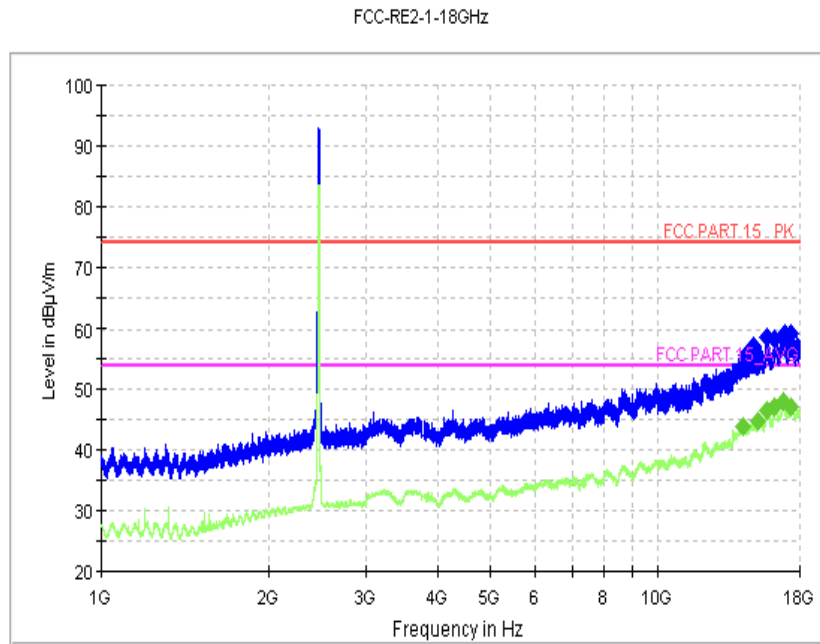


Fig.133 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-18 GHz)

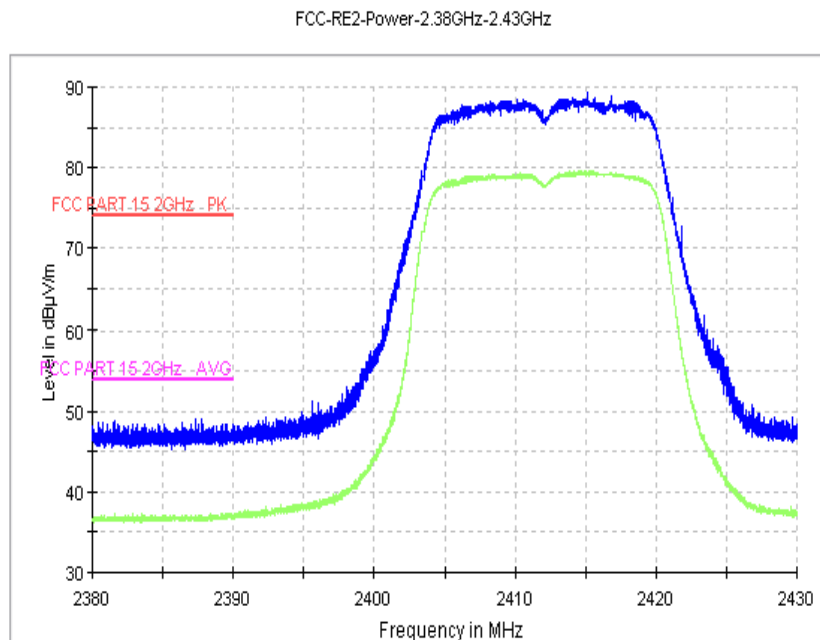


Fig.134 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)

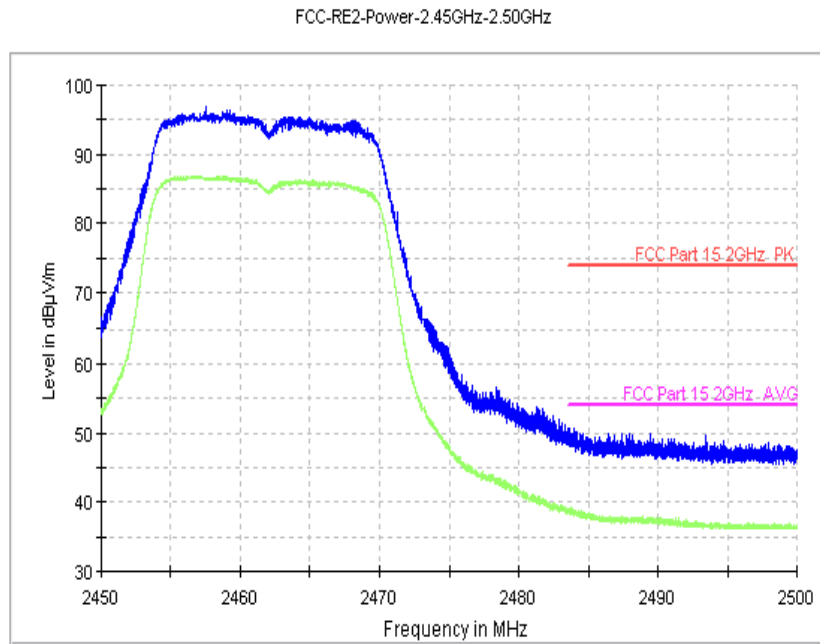


Fig.135 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)

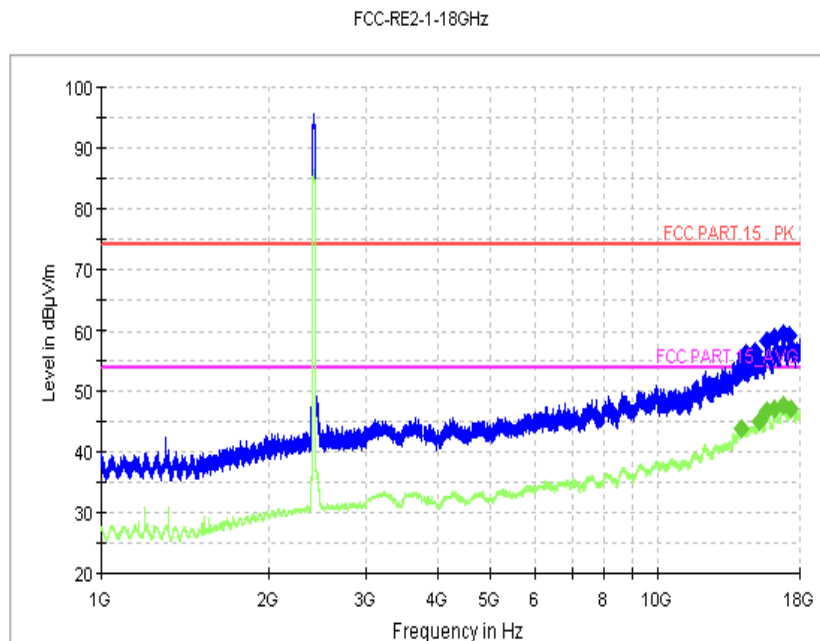


Fig.136 Radiated Spurious Emission (802.11n-20M, Ch1, 1 GHz-18 GHz)

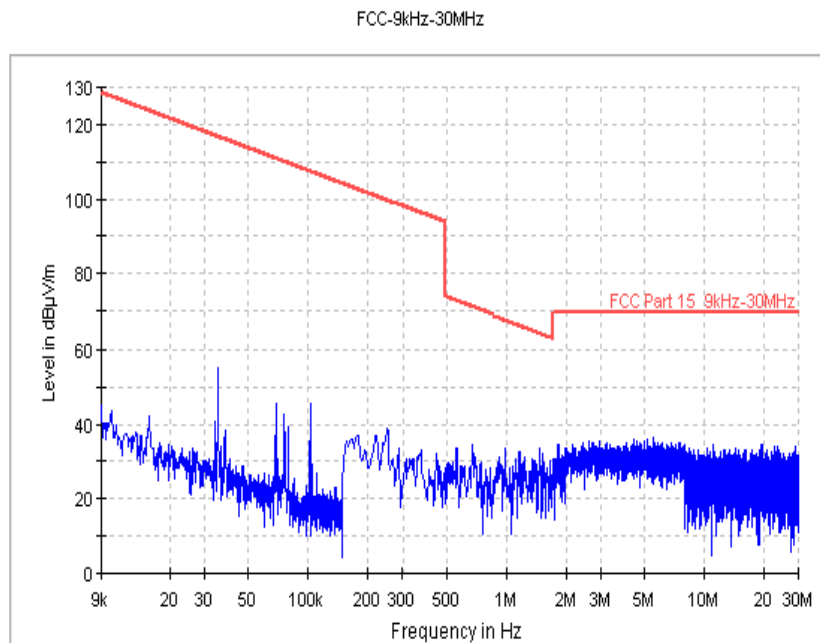


Fig.137 Radiated Spurious Emission (802.11n-20M, Ch6, 9kHz-30MHz)

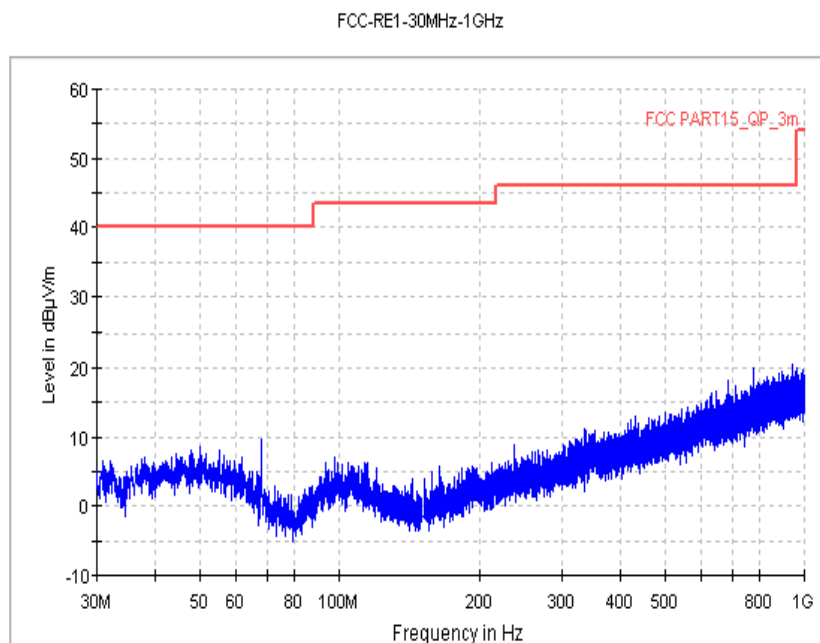


Fig.138 Radiated Spurious Emission (802.11n-20M, Ch6, 30MHz-1 GHz)

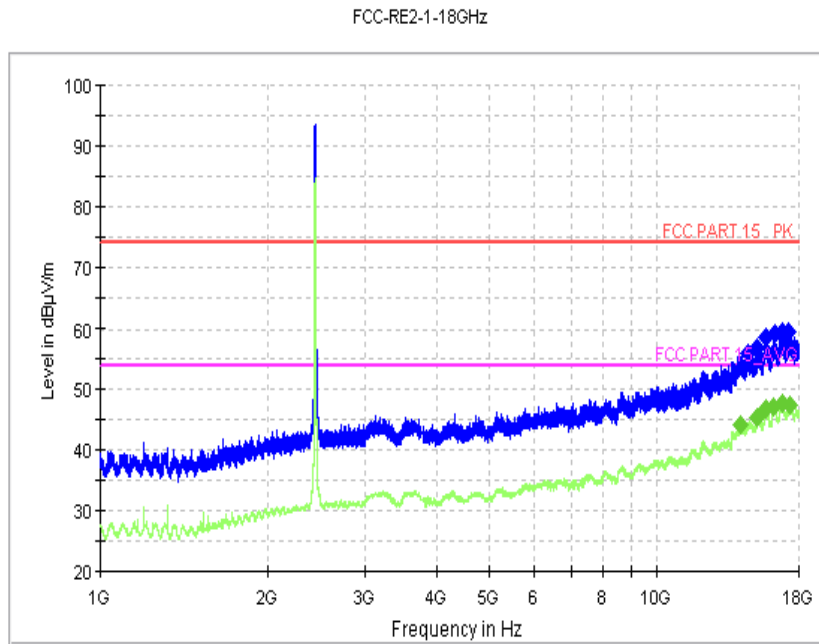


Fig.139 Radiated Spurious Emission (802.11n-20M, Ch6, 1 GHz-18 GHz)

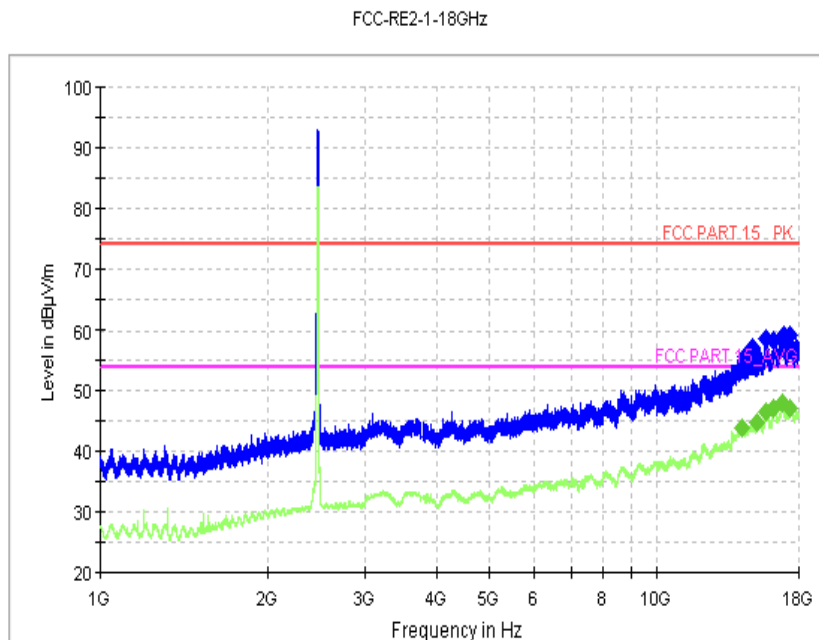


Fig.140 Radiated Spurious Emission (802.11n-20M, Ch11, 1 GHz-18 GHz)

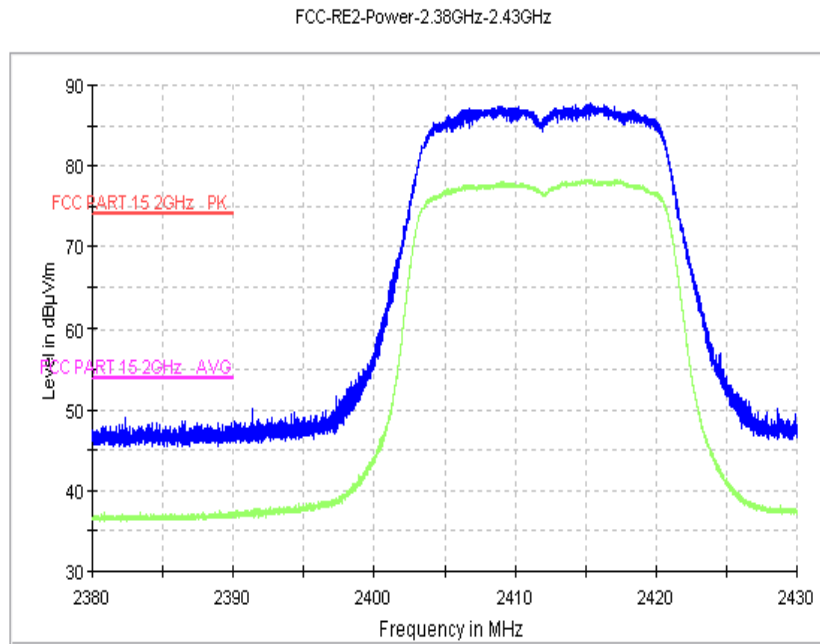


Fig.141 Radiated Emission Power (802.11n-20M, Ch1, 2380GHz~2450GHz)

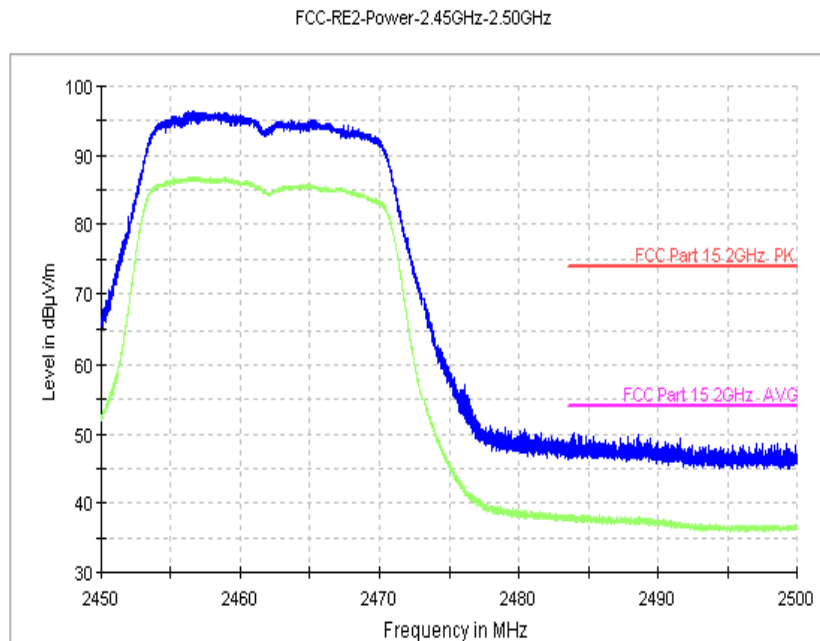


Fig.142 Radiated Emission Power (802.11n-20M, Ch11, 2450GHz~2500GHz)

FCC-RE4-18-26.5GHz

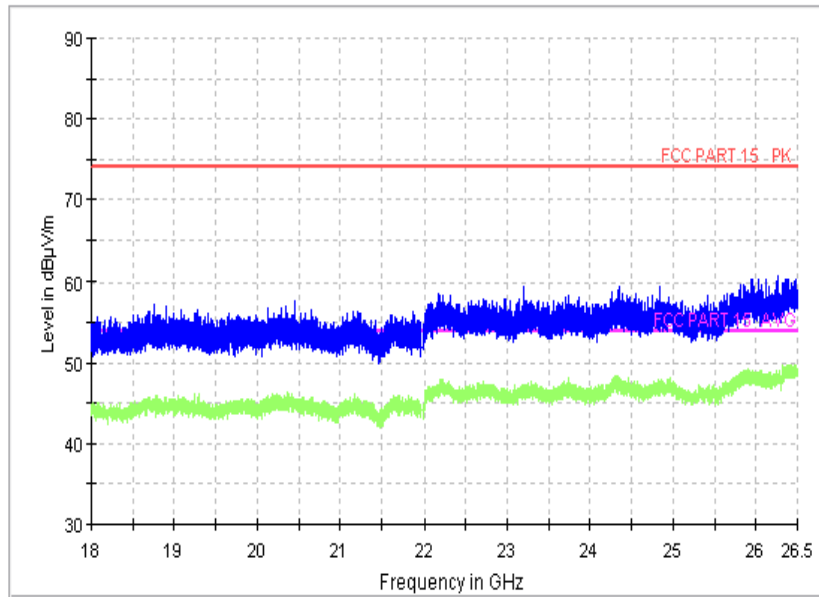


Fig.143 Radiated emission: 18 GHz – 26.5 GHz

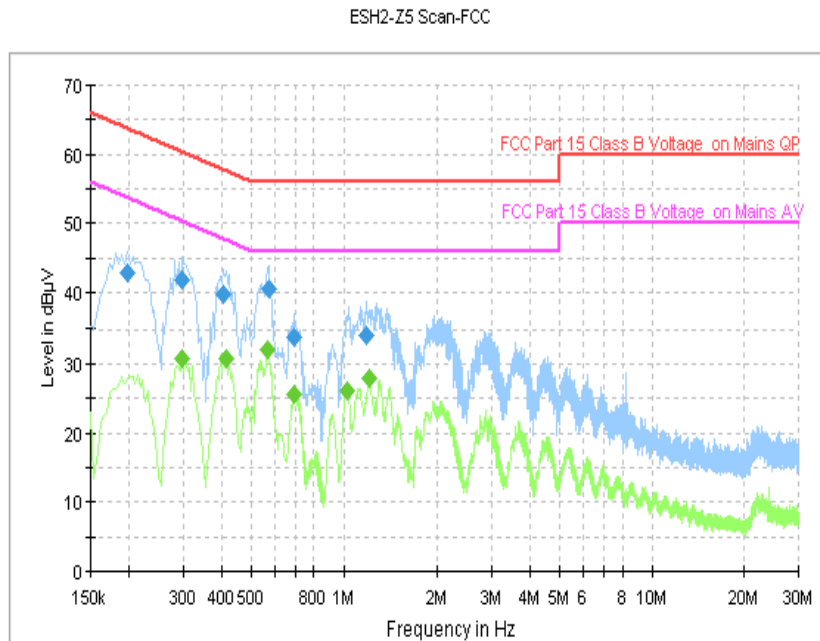


Fig.144 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.198000	42.8	GND	L1	10.0	20.9	63.7
0.298000	41.9	GND	N	10.1	18.4	60.3
0.406000	39.7	GND	L1	10.0	18.0	57.7
0.570000	40.6	GND	L1	10.1	15.4	56.0
0.690000	33.9	GND	L1	10.0	22.1	56.0
1.190000	34.2	GND	L1	10.1	21.8	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.298000	30.8	GND	L1	10.0	19.5	50.3
0.414000	30.9	GND	L1	10.0	16.7	47.6
0.566000	31.9	GND	L1	10.1	14.1	46.0
0.690000	25.5	GND	L1	10.0	20.5	46.0
1.026000	26.0	GND	L1	10.0	20.0	46.0
1.210000	27.8	GND	L1	10.1	18.2	46.0

ESH2-Z5 Scan-FCC

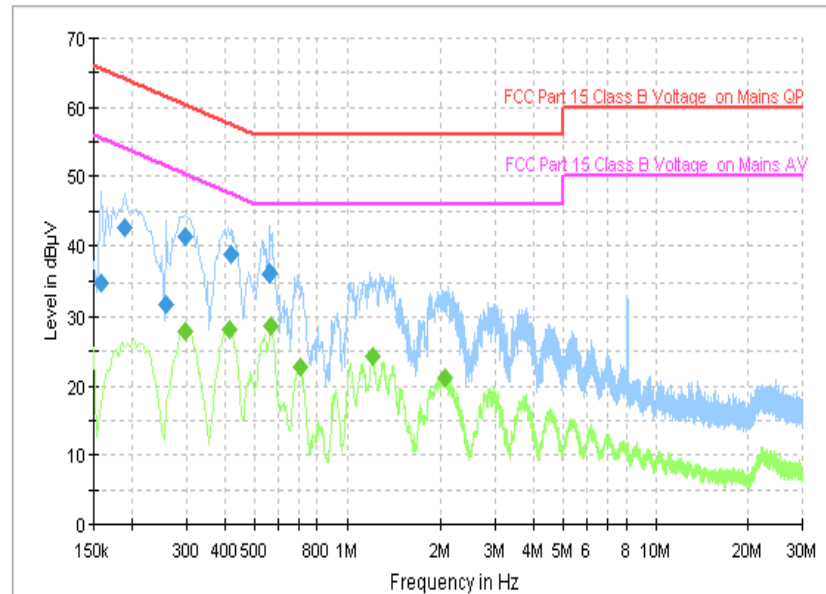


Fig. 145 AC Power line Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.158000	34.7	GND	L1	10.0	30.8	65.6
0.190000	42.7	GND	L1	10.0	21.3	64.0
0.258000	31.9	GND	L1	10.0	29.6	61.5
0.298000	41.4	GND	L1	10.0	18.9	60.3
0.418000	38.9	GND	N	10.1	18.6	57.5
0.562000	36.3	GND	N	10.1	19.7	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.298000	27.9	GND	L1	10.0	22.4	50.3
0.414000	28.1	GND	L1	10.0	19.5	47.6
0.566000	28.8	GND	L1	10.1	17.2	46.0
0.702000	22.6	GND	L1	10.0	23.4	46.0
1.210000	24.3	GND	L1	10.1	21.7	46.0
2.054000	21.1	GND	L1	10.1	24.9	46.0

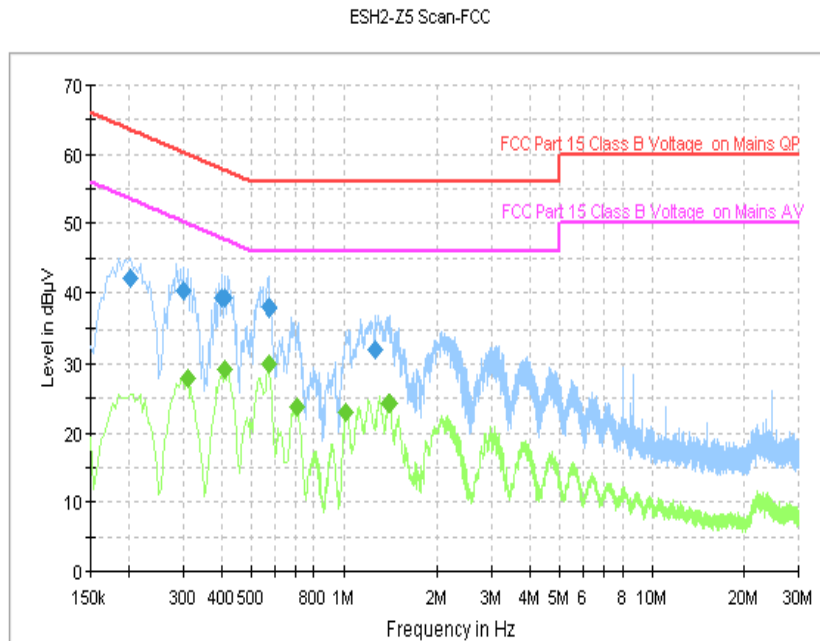


Fig.146 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.202000	42.0	GND	N	10.1	21.5	63.5
0.302000	40.3	GND	L1	10.0	19.9	60.2
0.402000	39.2	GND	N	10.1	18.6	57.8
0.410000	39.3	GND	L1	10.0	18.3	57.6
0.570000	38.0	GND	N	10.1	18.0	56.0
1.270000	31.9	GND	L1	10.1	24.1	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.310000	28.0	GND	L1	10.0	22.0	50.0
0.410000	29.3	GND	L1	10.0	18.4	47.6
0.570000	30.0	GND	L1	10.1	16.0	46.0
0.702000	23.8	GND	L1	10.0	22.2	46.0
1.022000	23.0	GND	L1	10.0	23.0	46.0
1.406000	24.2	GND	L1	10.1	21.8	46.0

ESH2-Z5 Scan-FCC

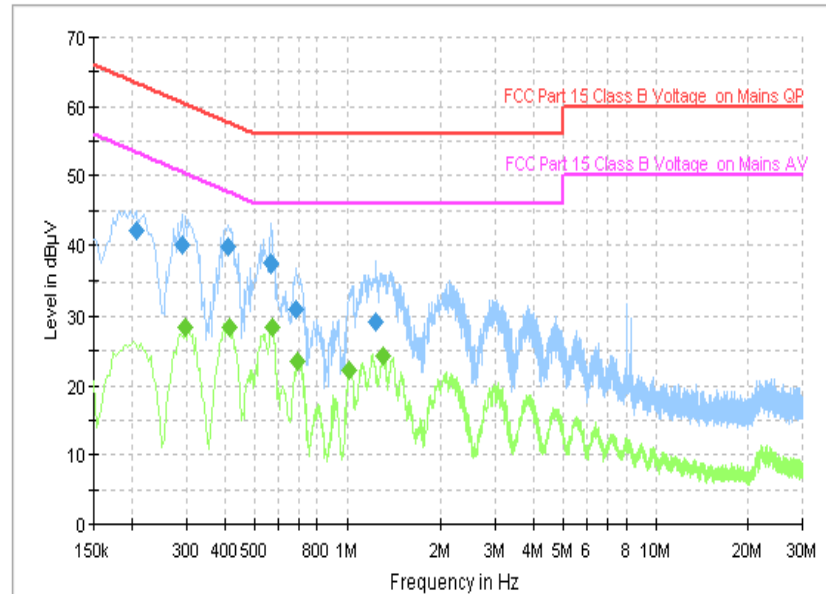


Fig. 147 AC Power line Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.206000	42.2	GND	L1	10.0	21.2	63.4
0.290000	40.1	GND	N	10.1	20.4	60.5
0.410000	39.7	GND	N	10.1	18.0	57.6
0.566000	37.5	GND	N	10.1	18.5	56.0
0.686000	31.0	GND	N	10.0	25.0	56.0
1.246000	29.1	GND	N	10.1	26.9	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBuV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.298000	28.4	GND	L1	10.0	21.9	50.3
0.414000	28.5	GND	L1	10.0	19.0	47.6
0.574000	28.3	GND	L1	10.1	17.7	46.0
0.690000	23.4	GND	L1	10.0	22.6	46.0
1.018000	22.2	GND	L1	10.0	23.8	46.0
1.310000	24.4	GND	L1	10.1	21.6	46.0

ANNEX C: Persons involved in this testing

Test Name	Tester
Occupied 20dB Bandwidth	Xu Ye, Tang Weisheng
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