

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

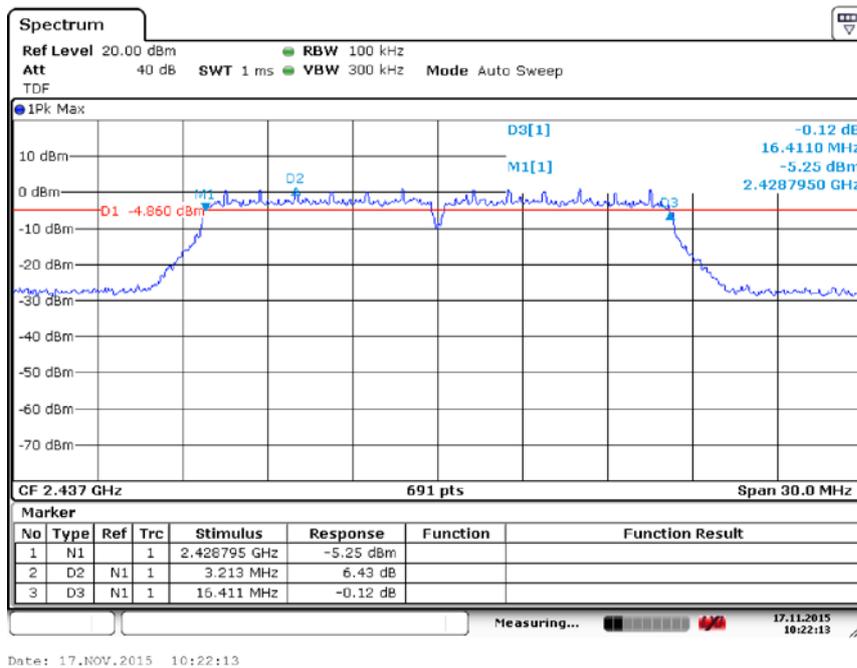


Fig.74 Occupied 6dB Bandwidth (802.11g, Ch 6)

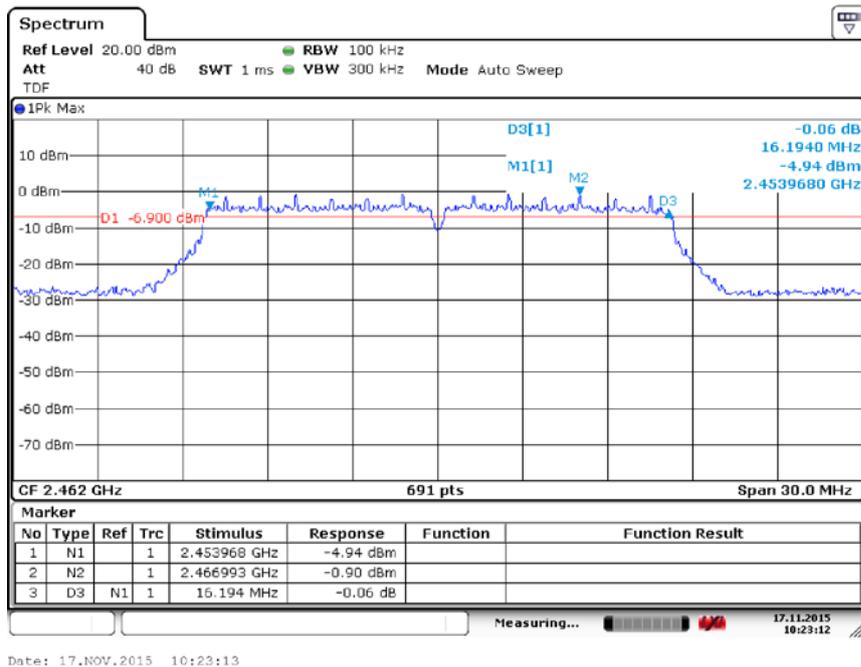


Fig.75 Occupied 6dB Bandwidth (802.11g, Ch 11)

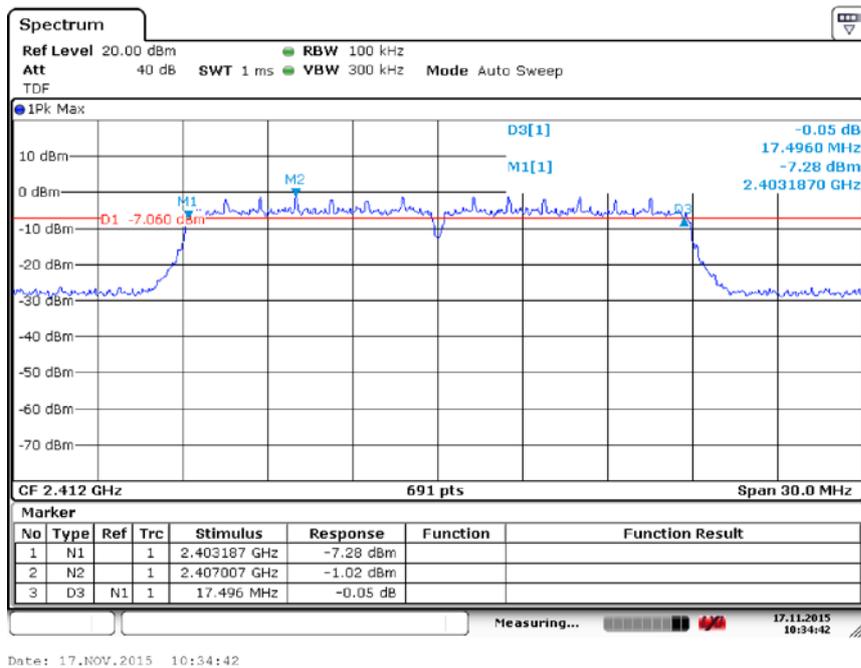


Fig.76 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 1)

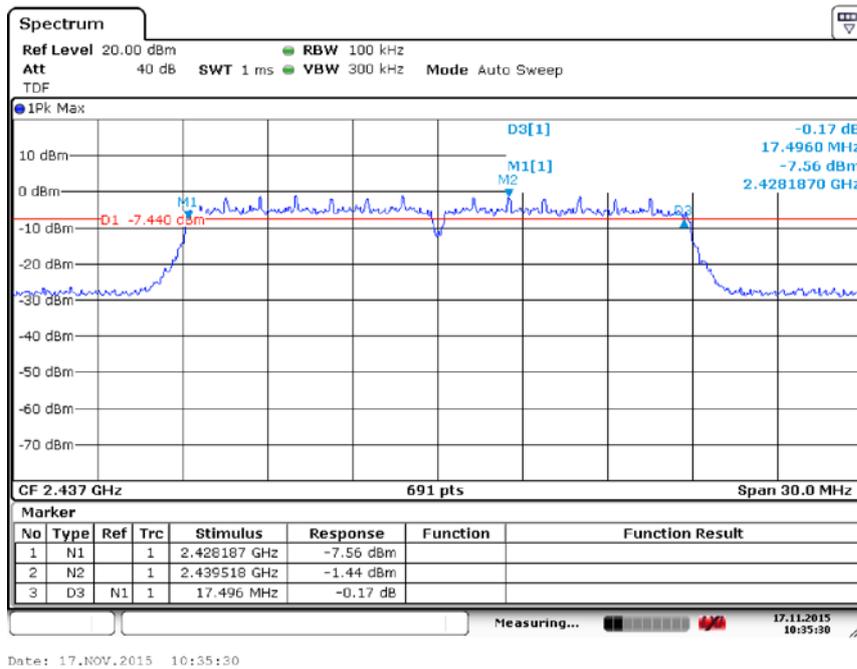


Fig.77 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 6)

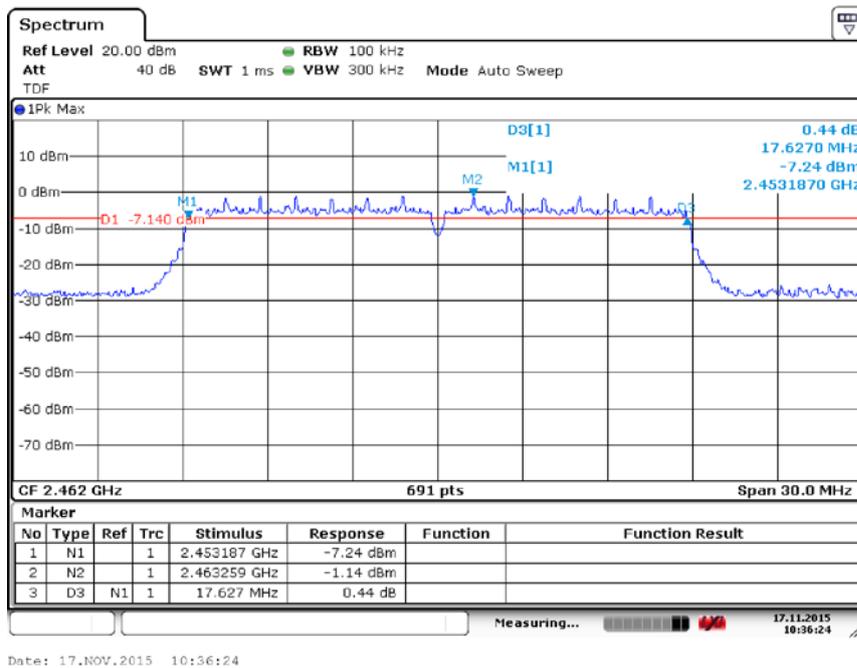


Fig.78 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 11)

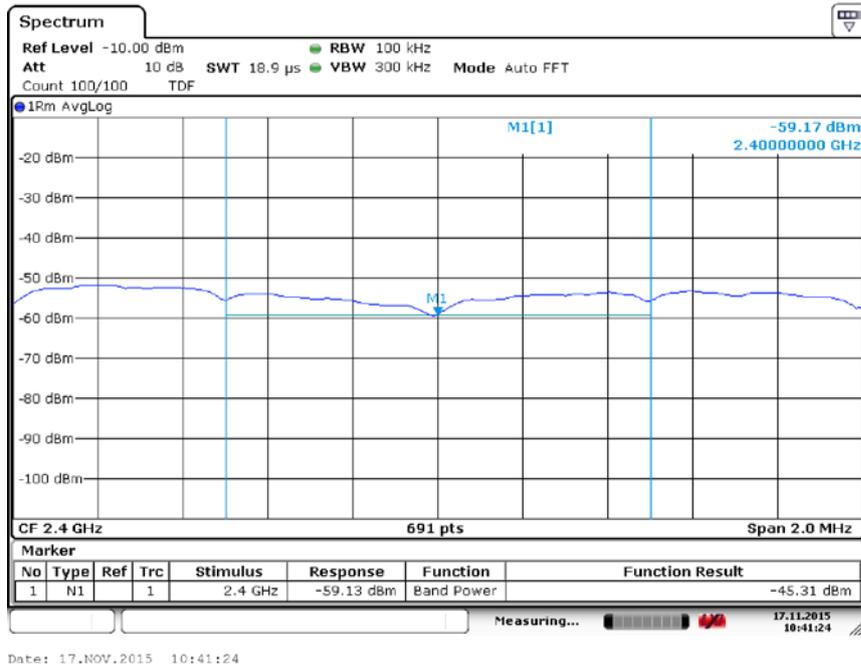


Fig.79 Band Edges (802.11b, Ch 1)

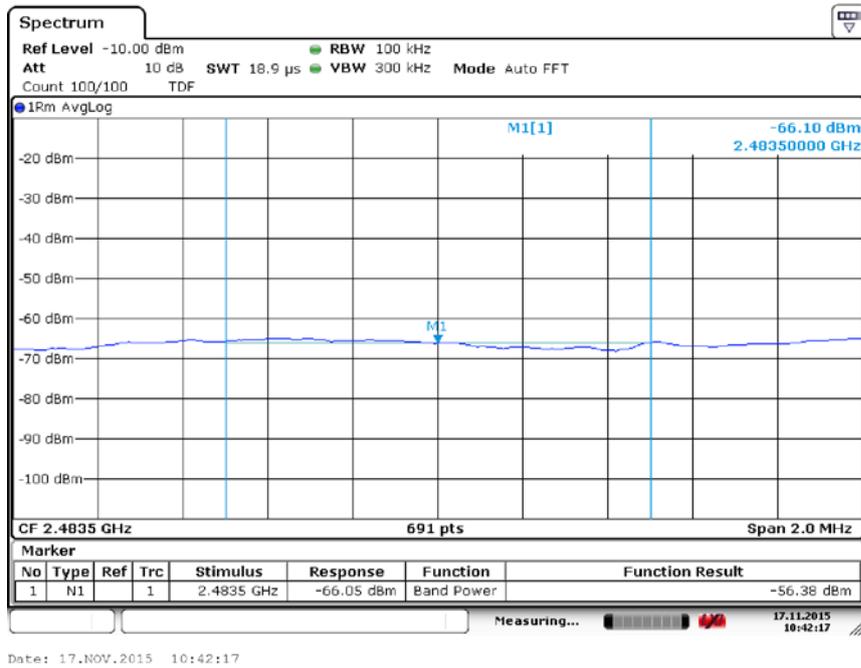
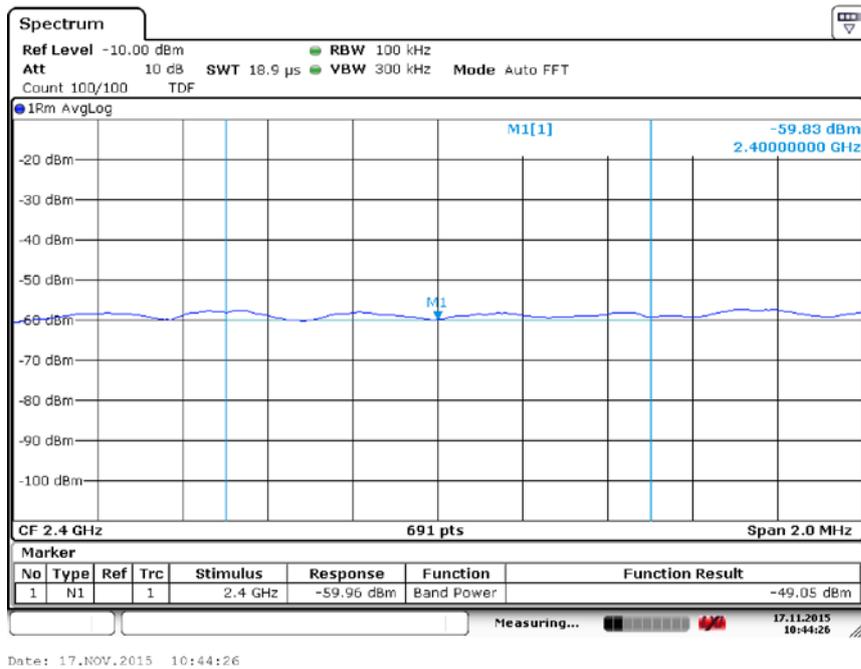
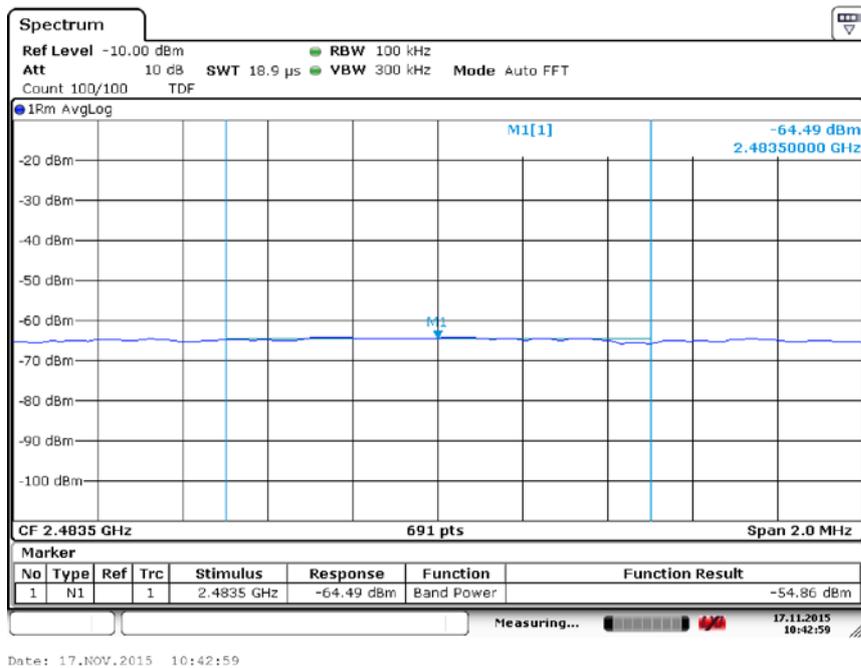


Fig.80 Band Edges (802.11b, Ch 11)



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



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

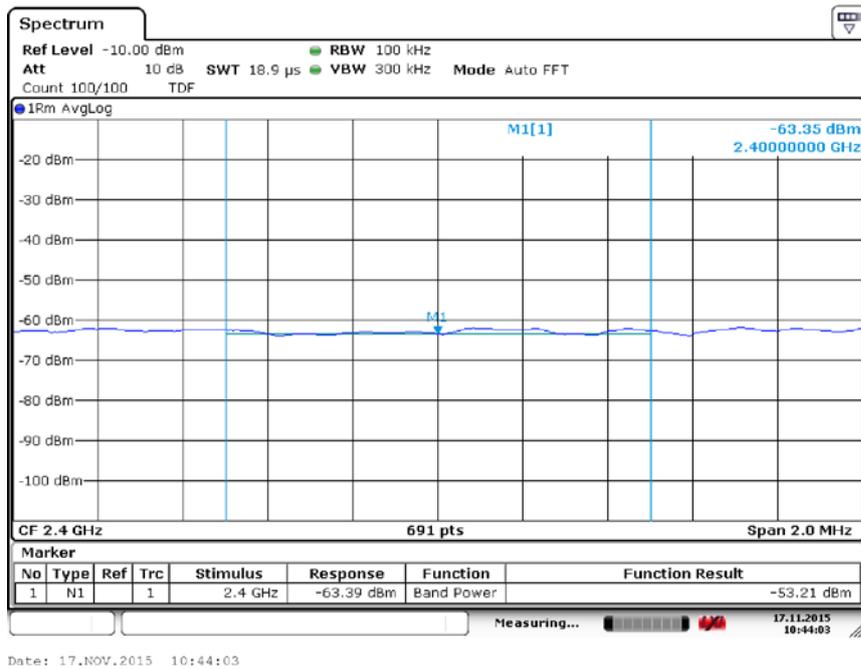


Fig.83 Band Edges (802.11 n-20MHz, Ch 1)

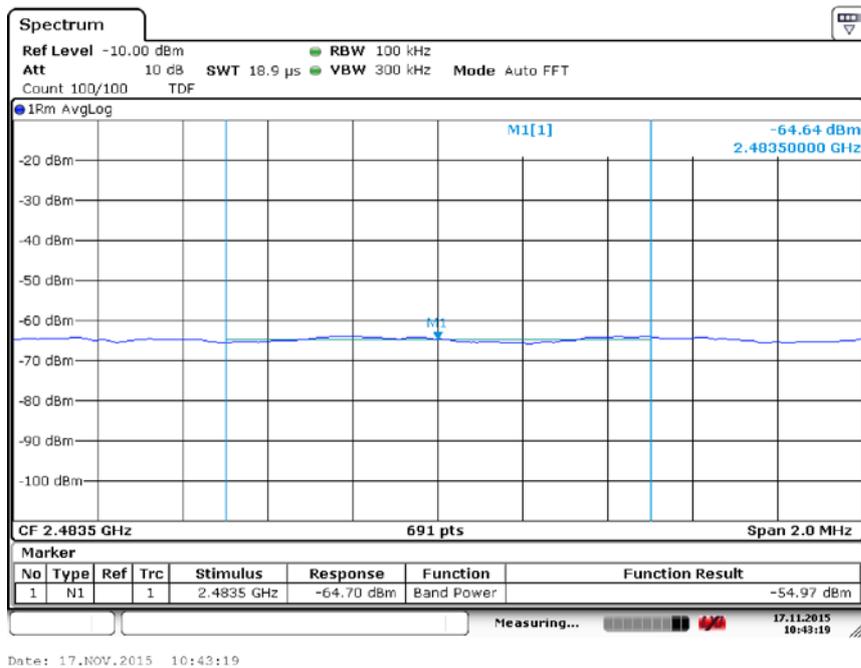
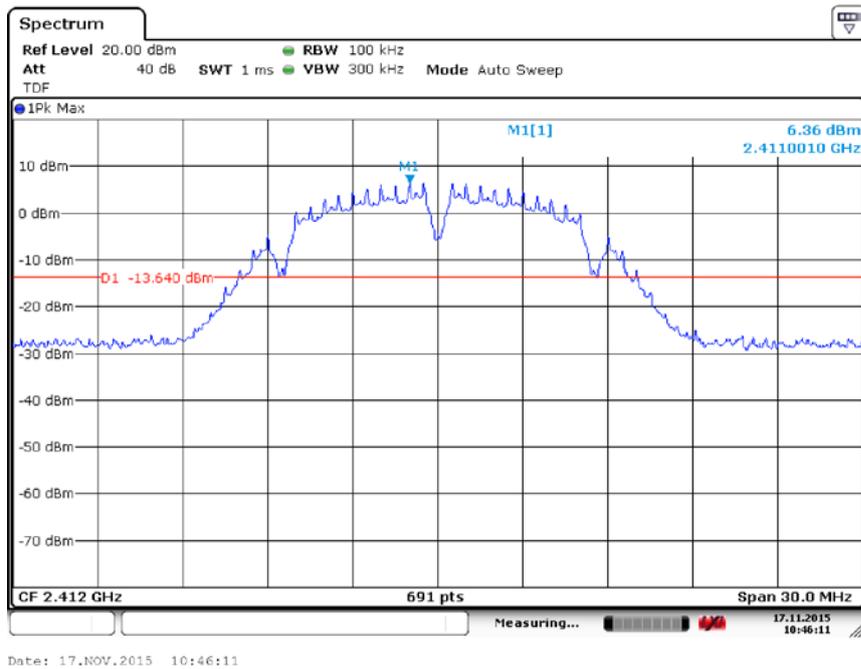
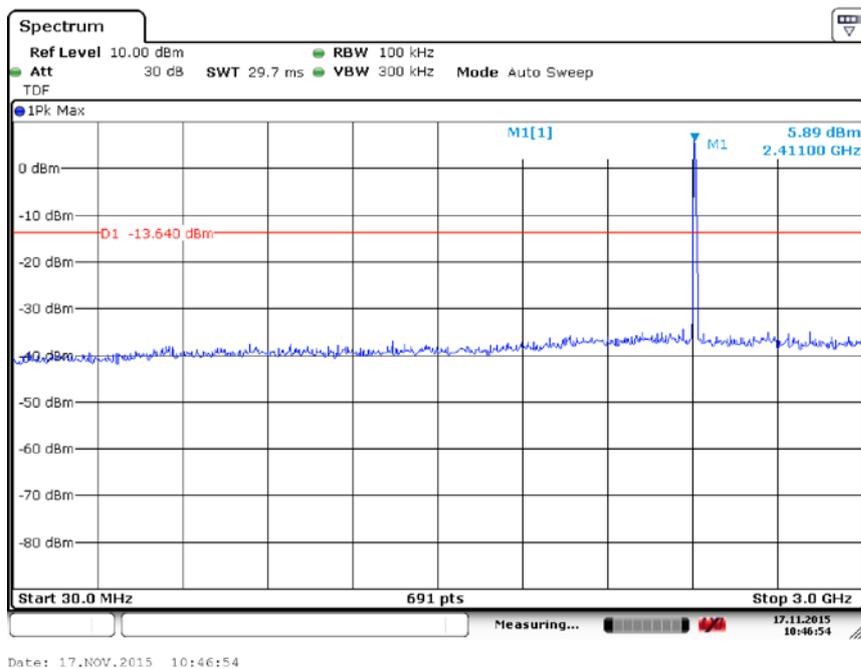


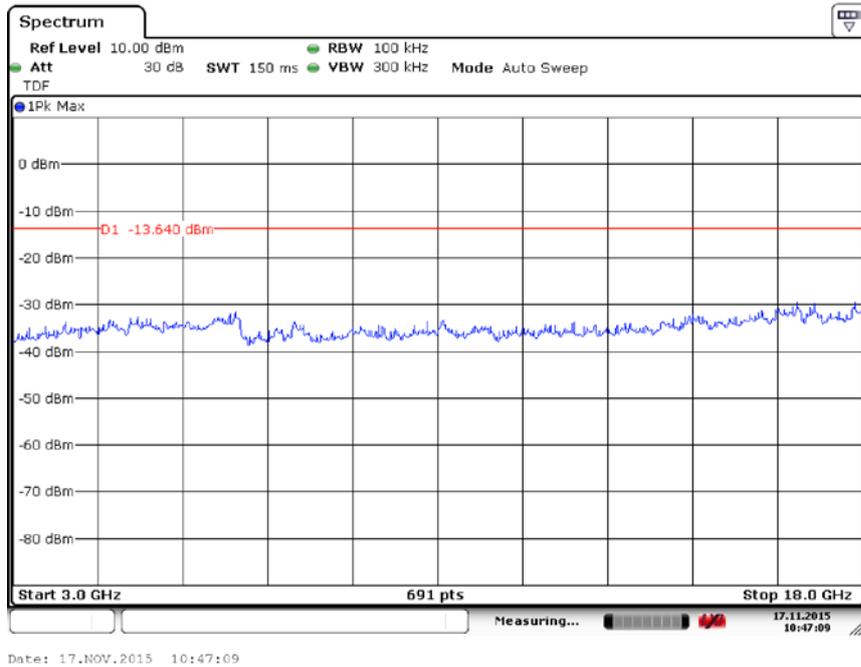
Fig.84 Band Edges (802.11 n-20MHz, Ch 11)



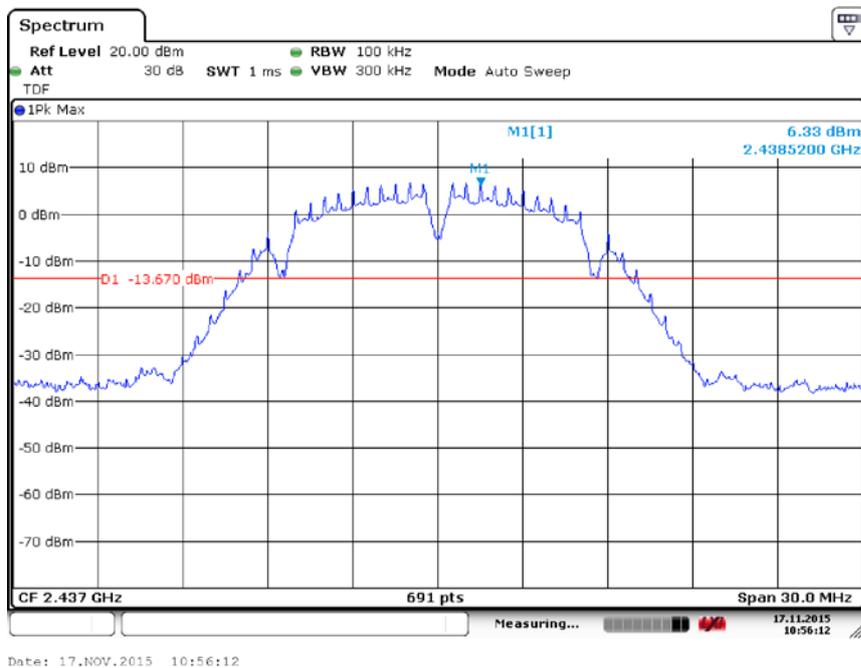
**Fig.85 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)**



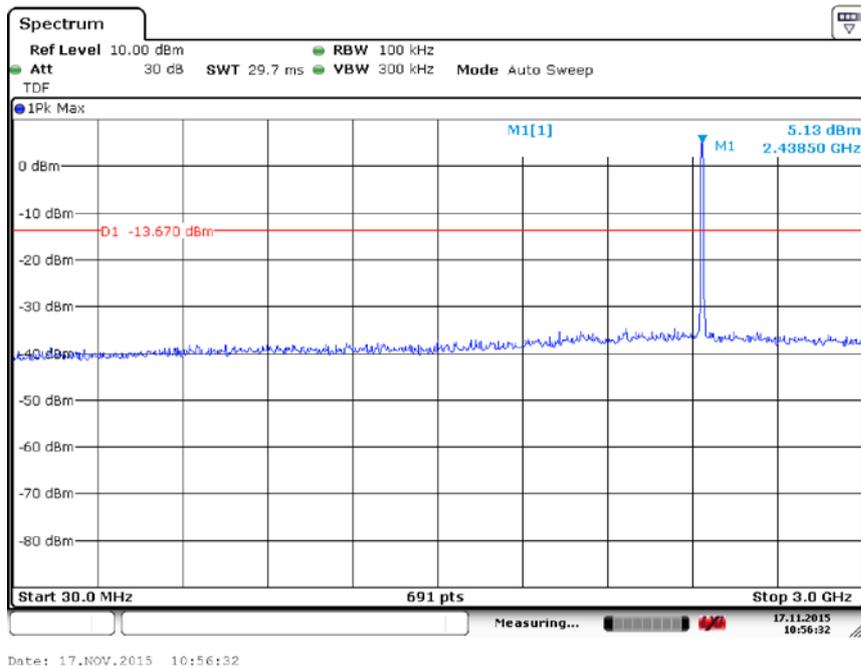
**Fig.86 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-3 GHz)**



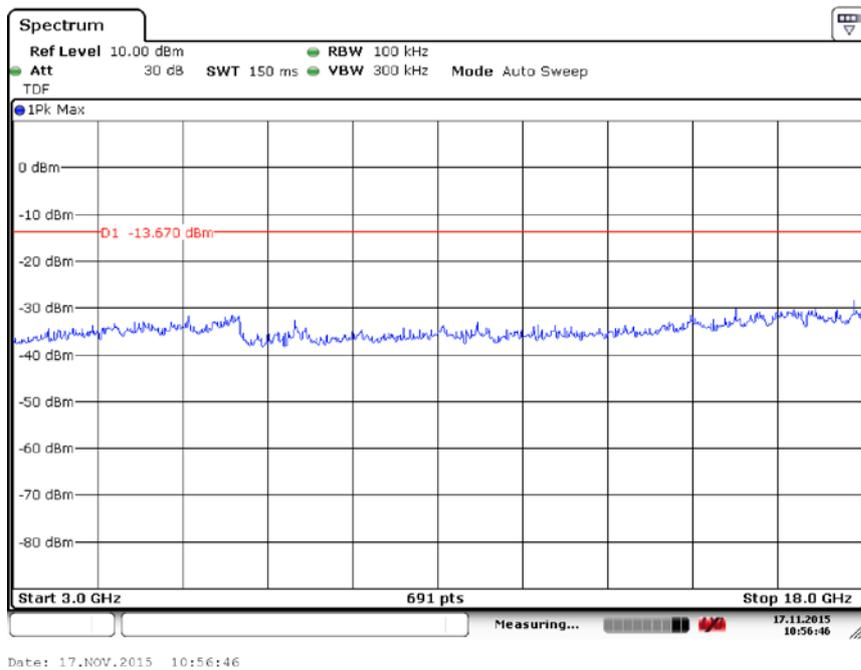
**Fig.87 Conducted Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)**



**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)**

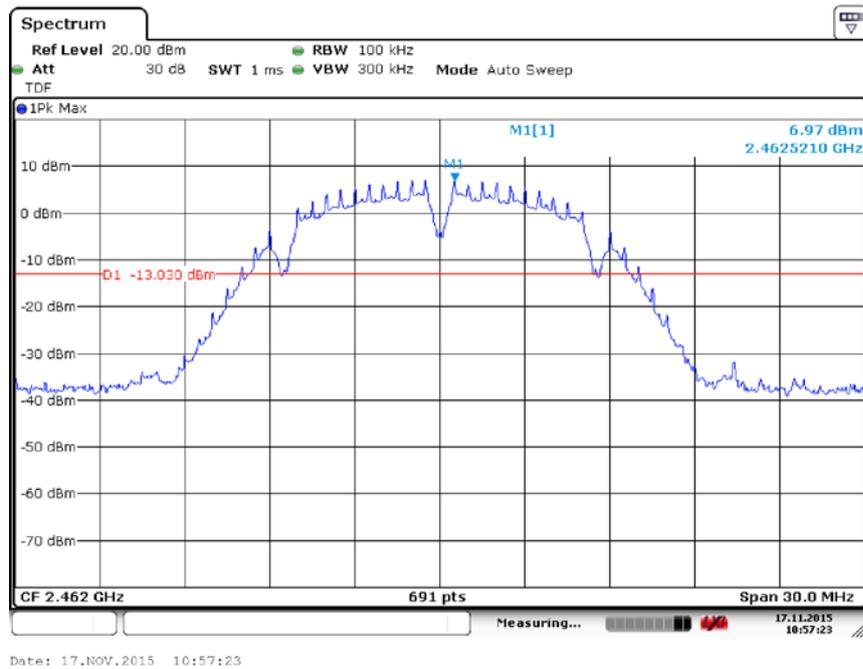


Fig.91 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)

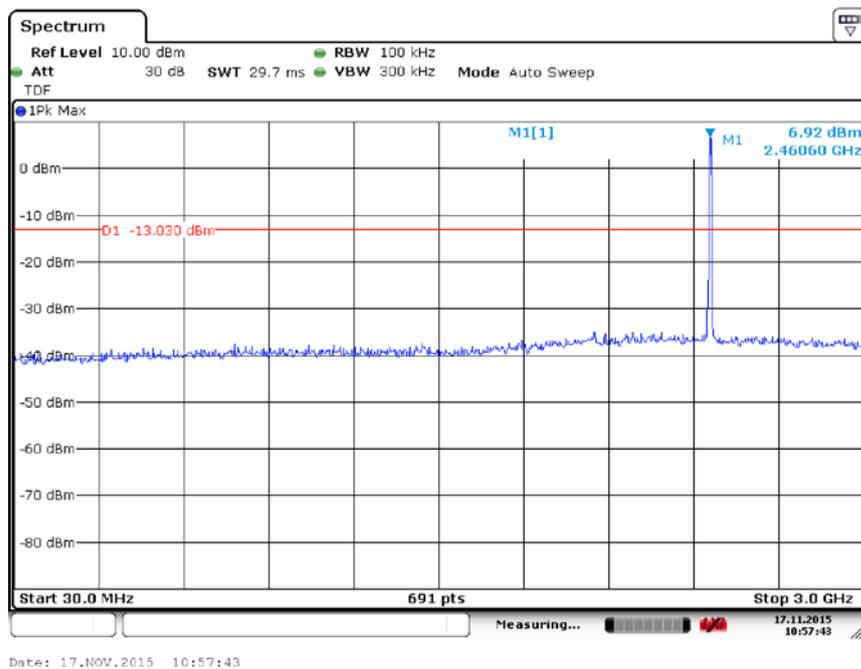
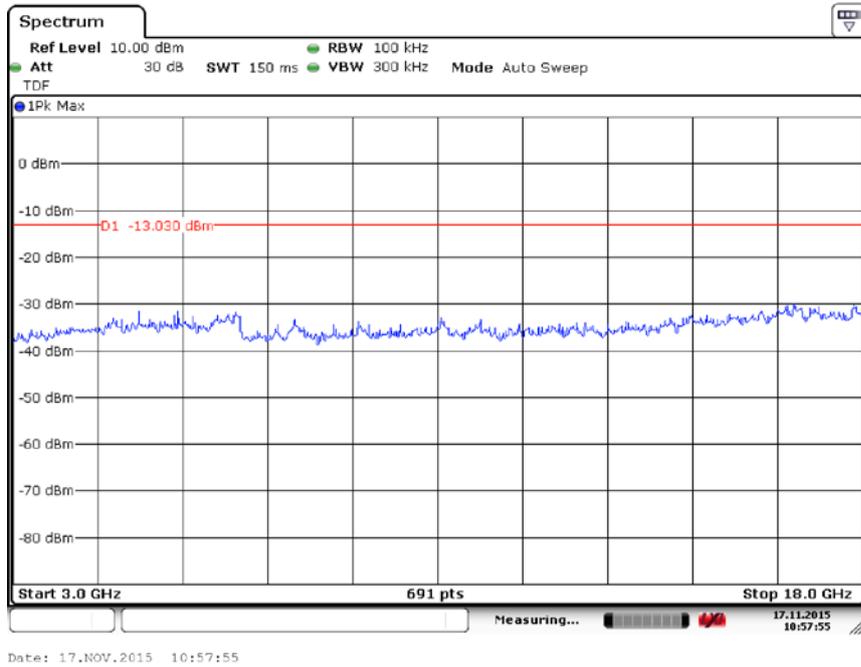
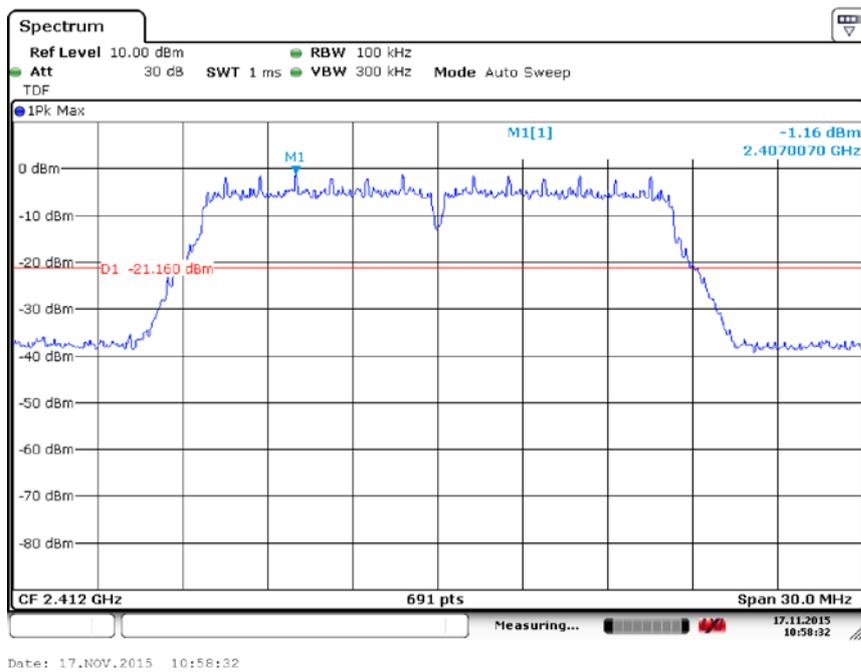


Fig.92 Conducted Spurious Emission (802.11b, Ch11, 30 MHz-3 GHz)



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



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

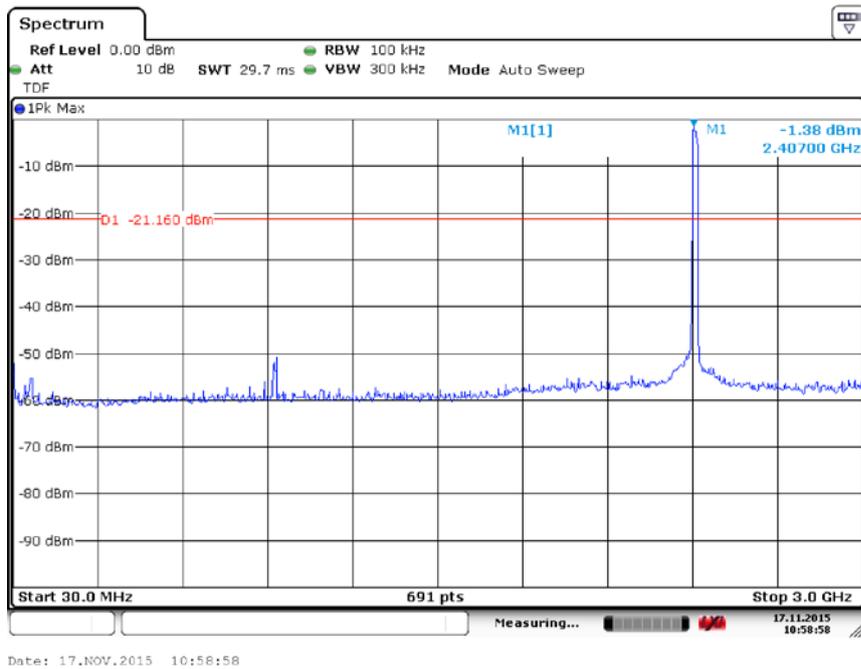


Fig.95 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-3 GHz)

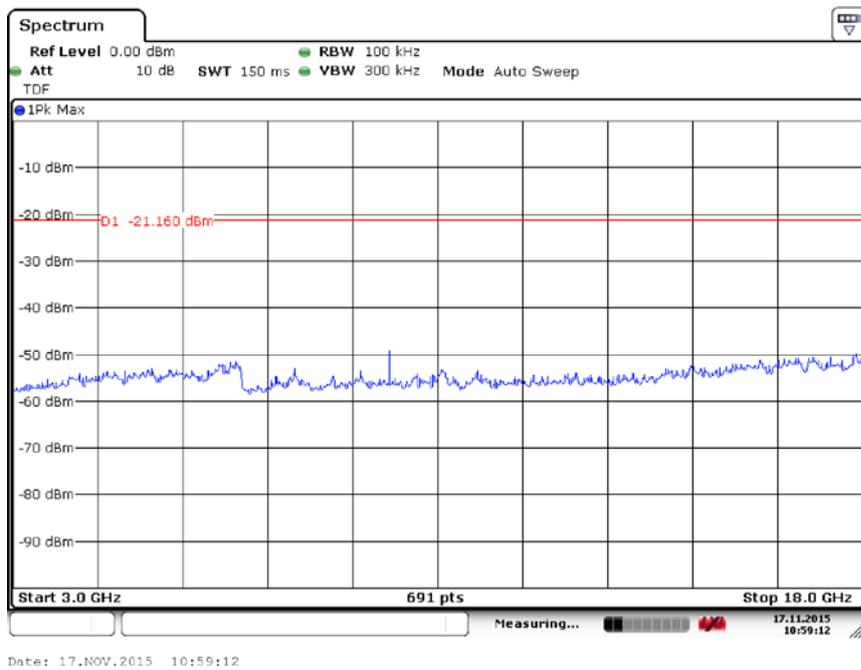
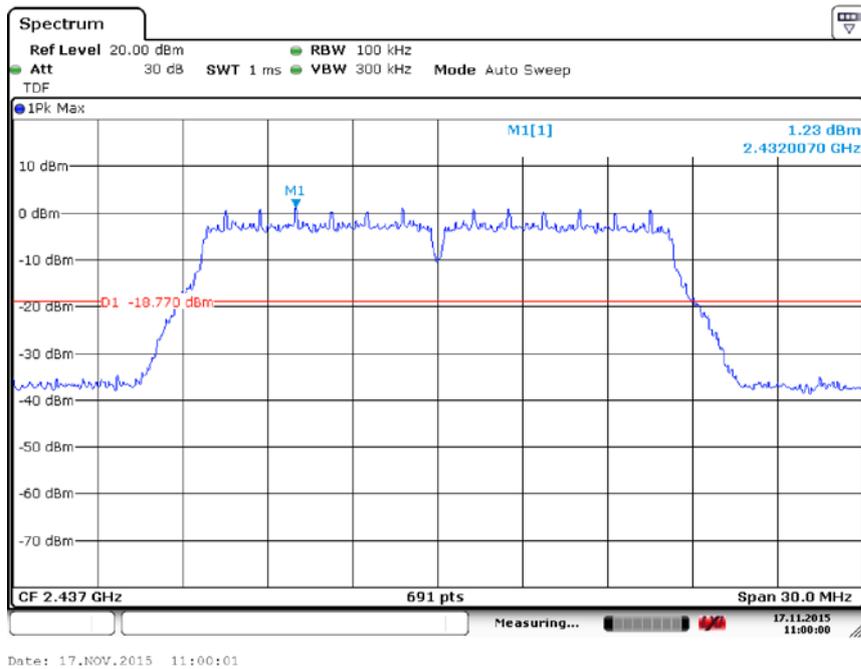
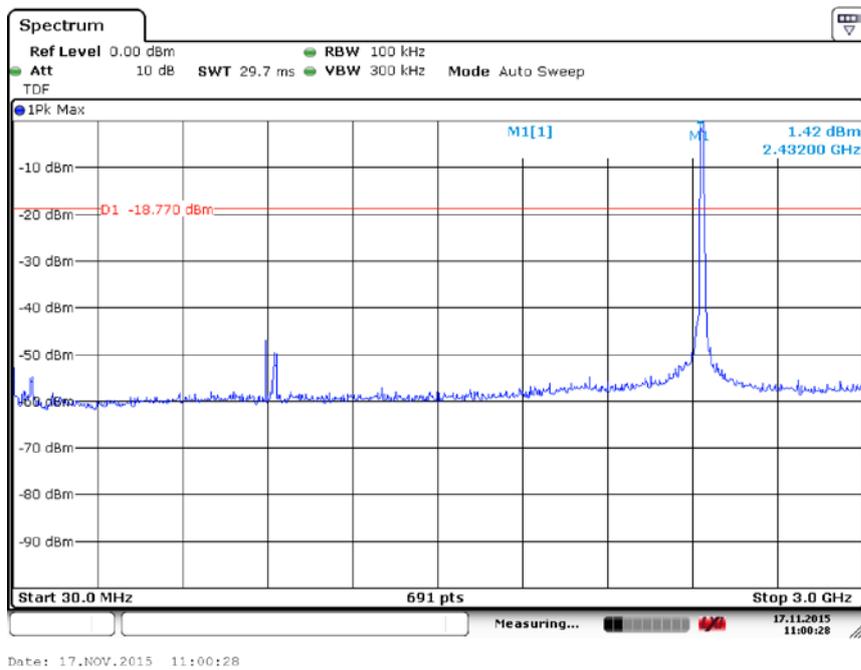


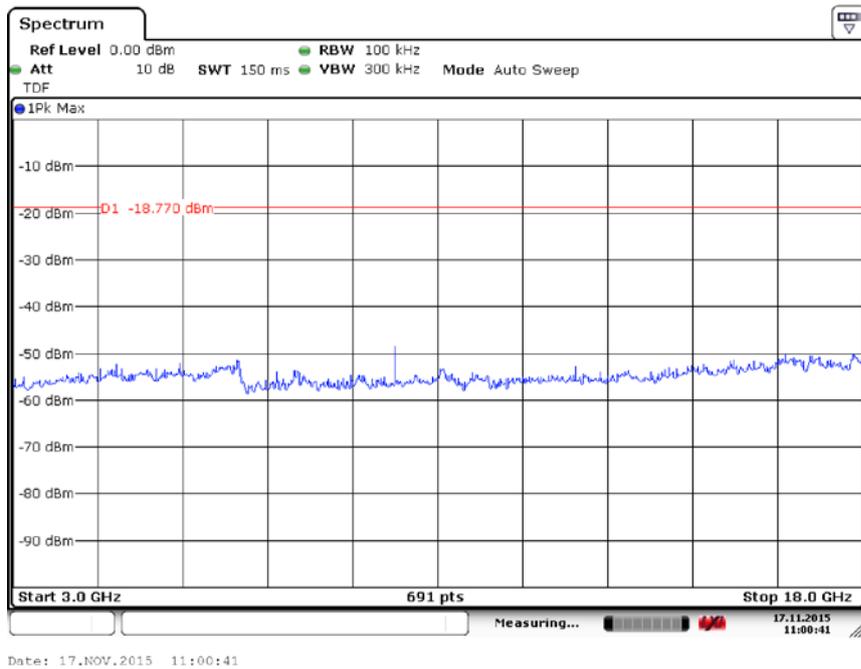
Fig.96 Conducted Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)



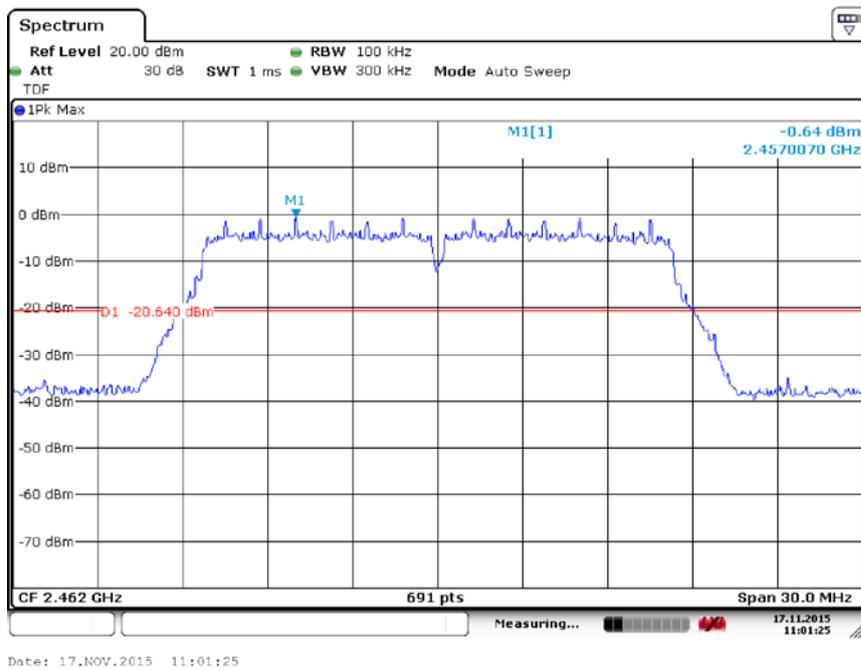
**Fig.97 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)**



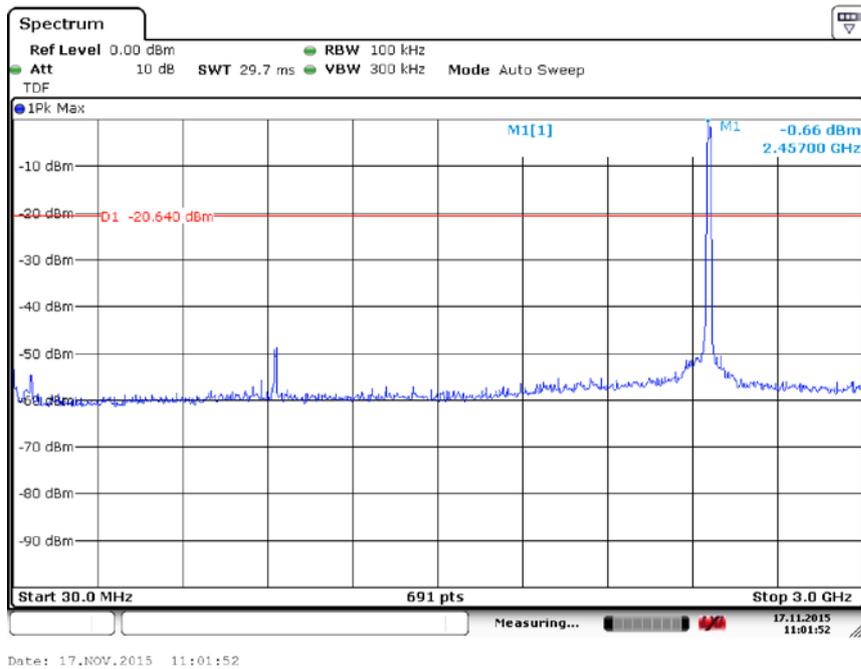
**Fig.98 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-3 GHz)**



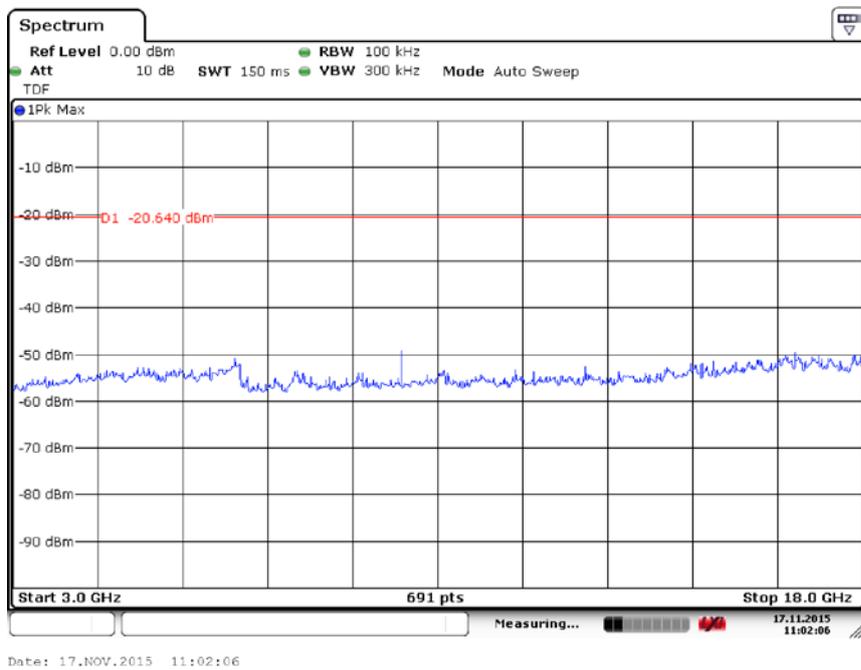
**Fig.99 Conducted Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)**



**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)**

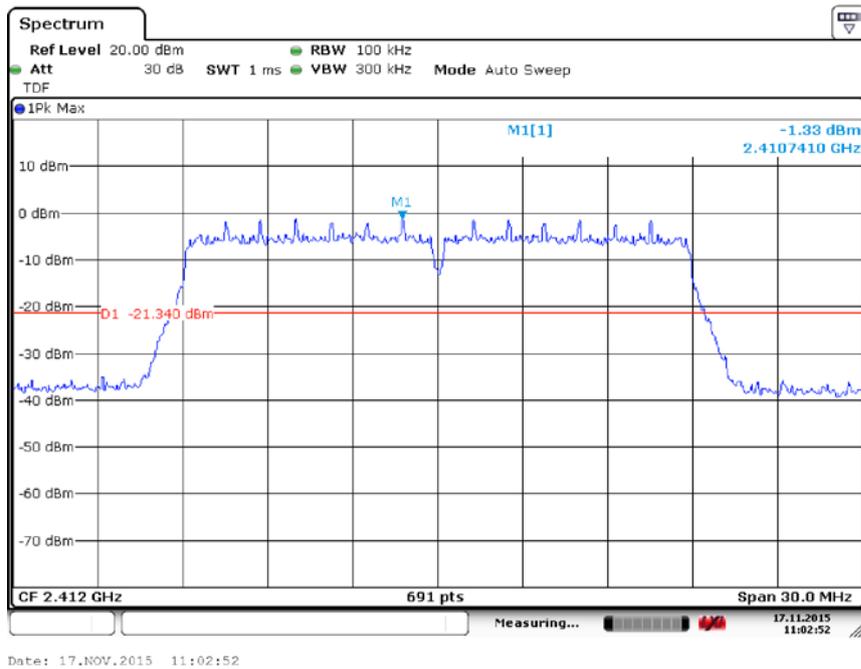


Fig.103 Conducted Spurious Emission (802.11n-20M, Ch1, Center Frequency)

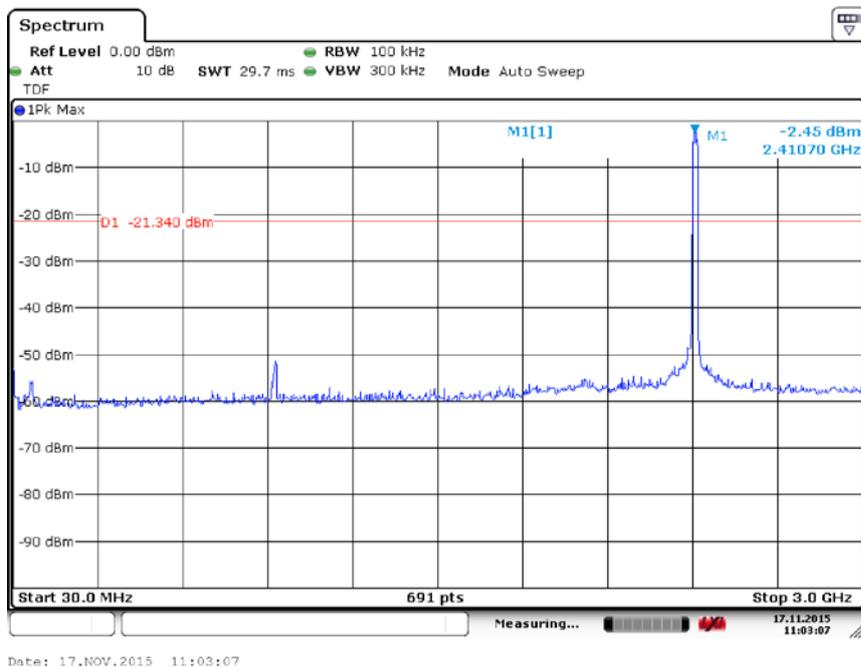
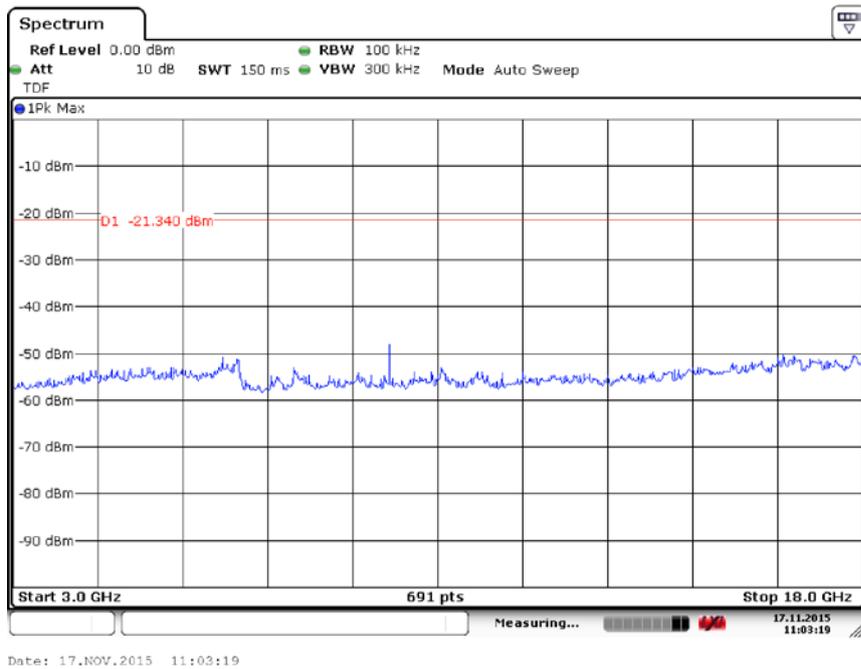
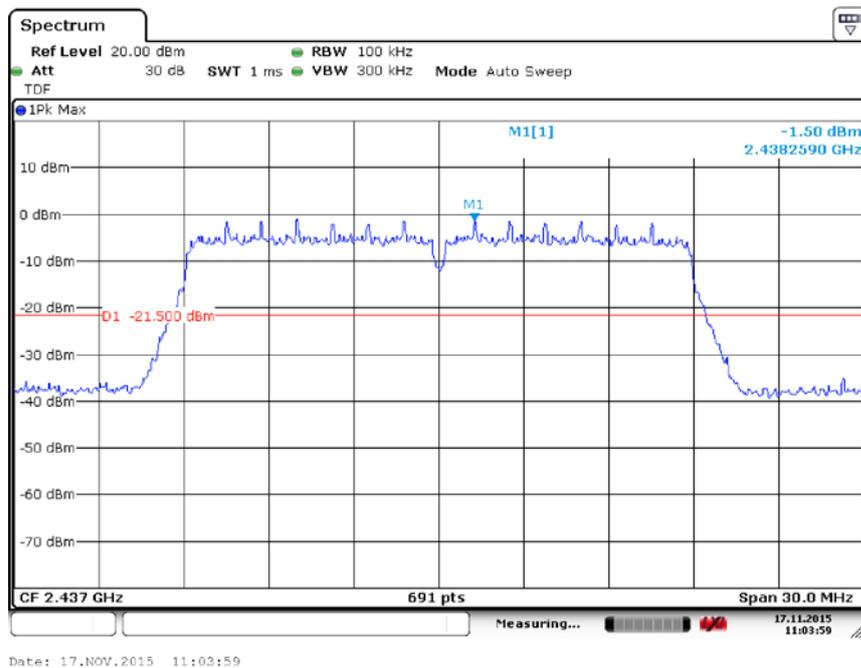


Fig.104 Conducted Spurious Emission (802.11n-20M, Ch1, 30 MHz-3 GHz)



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



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

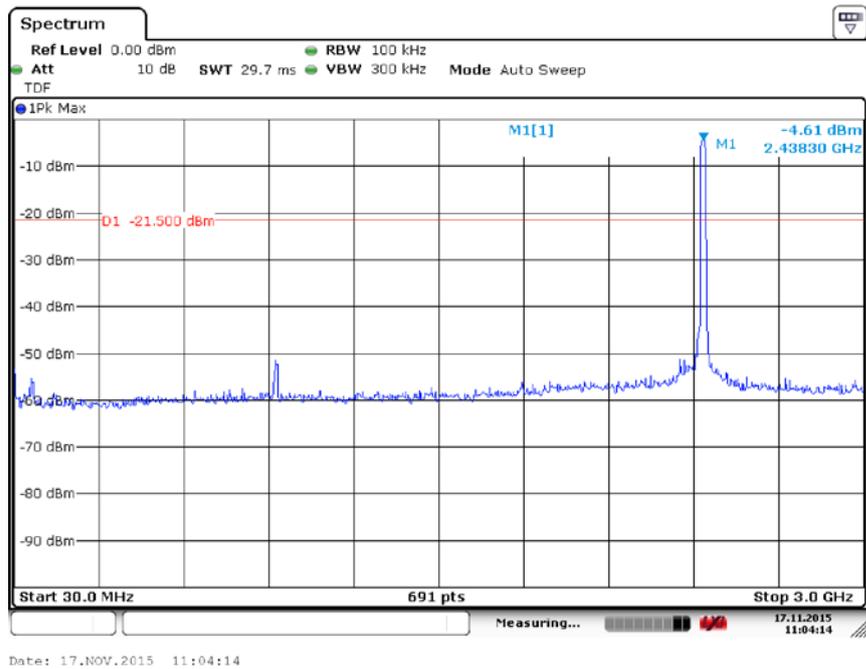


Fig.107 Conducted Spurious Emission (802.11n-20M, Ch6, 30 MHz-3 GHz)

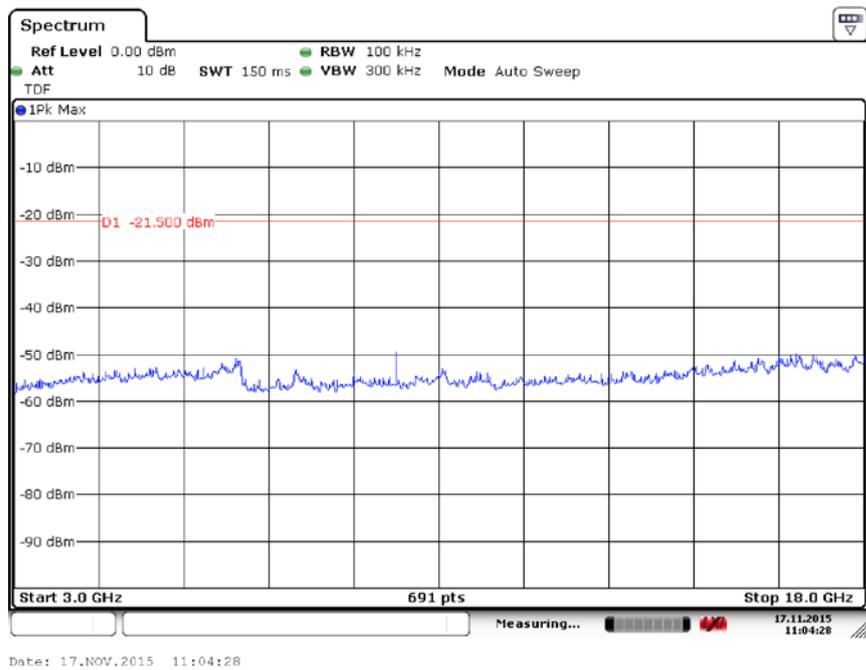
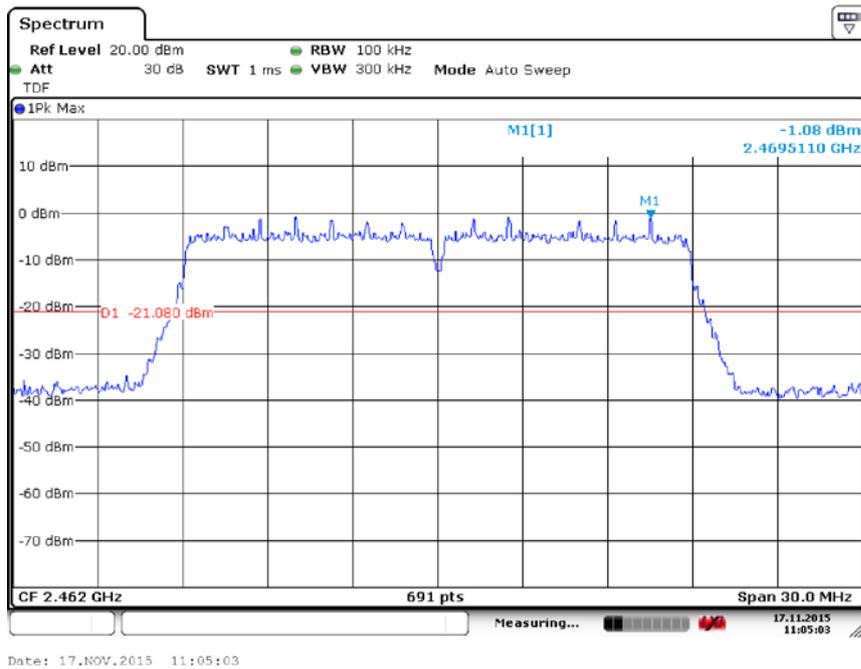
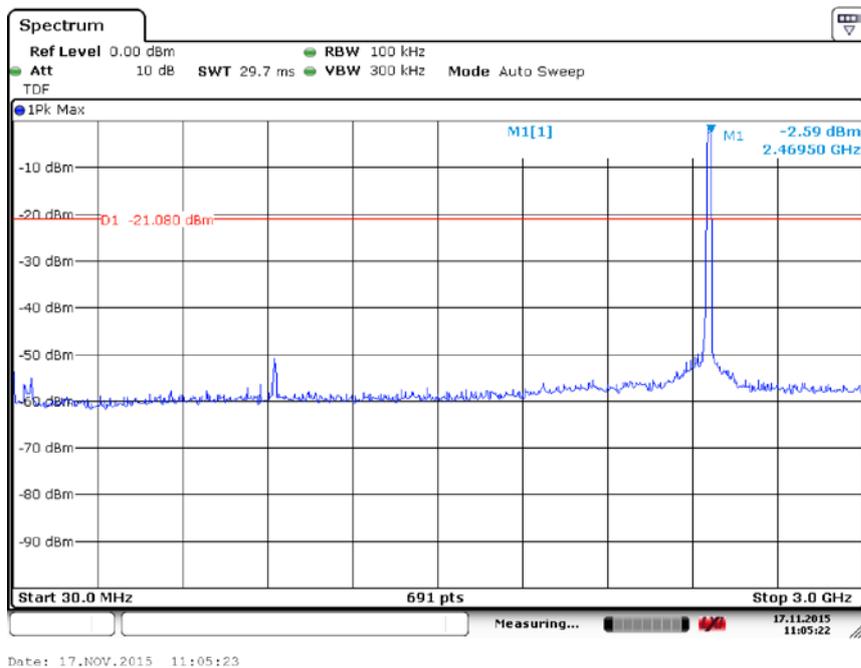


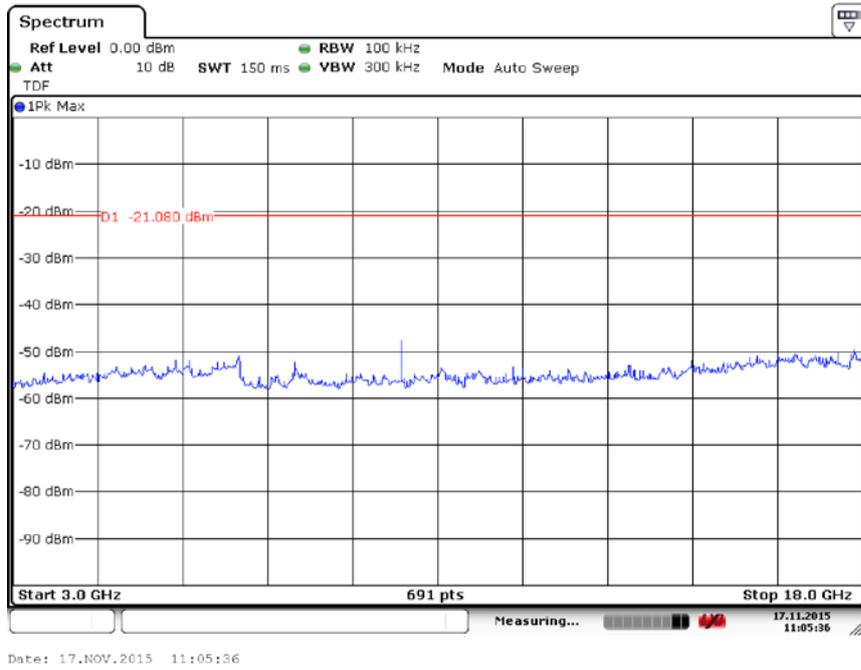
Fig.108 Conducted Spurious Emission (802.11n-20M, Ch6, 3 GHz-18 GHz)



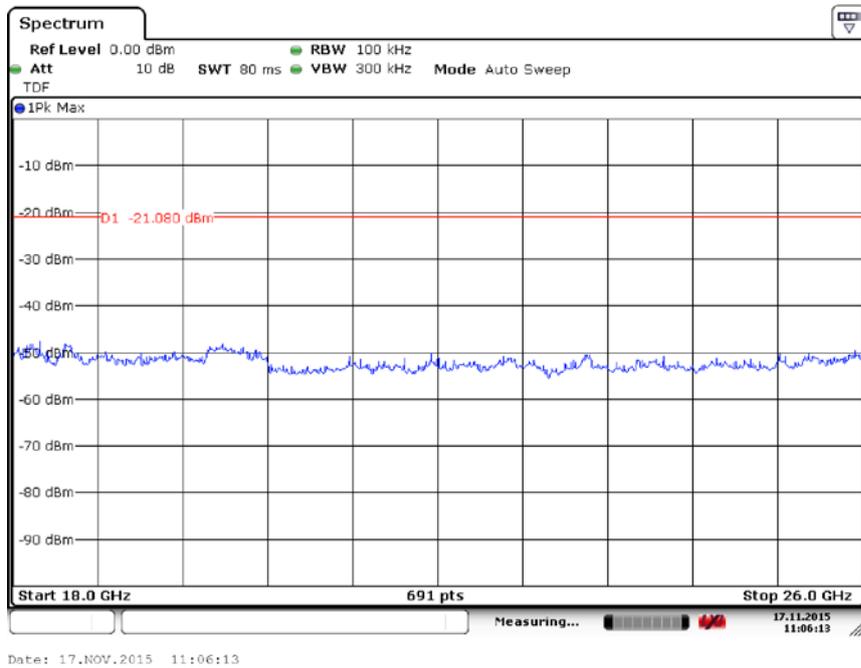
**Fig.109 Conducted Spurious Emission (802.11n-20M, Ch11, Center Frequency)**



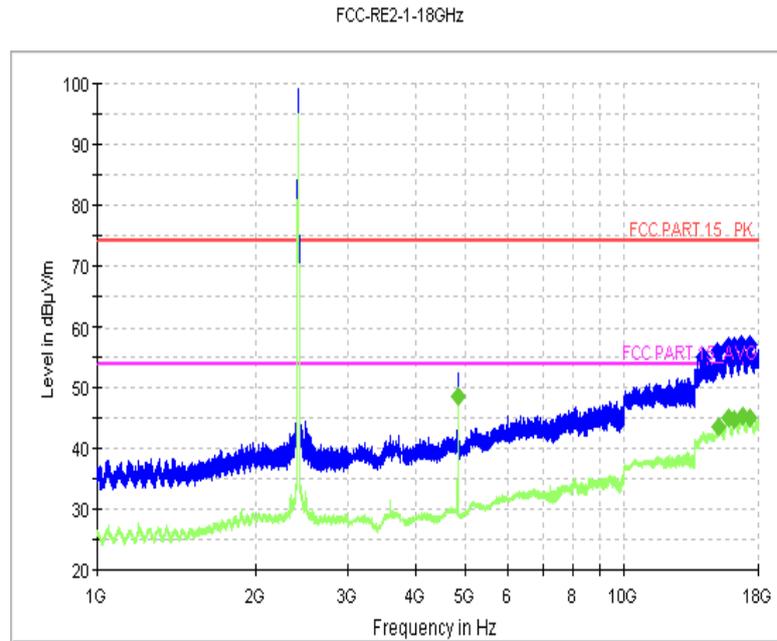
**Fig.110 Conducted Spurious Emission (802.11n-20M, Ch11, 30 MHz-3 GHz)**



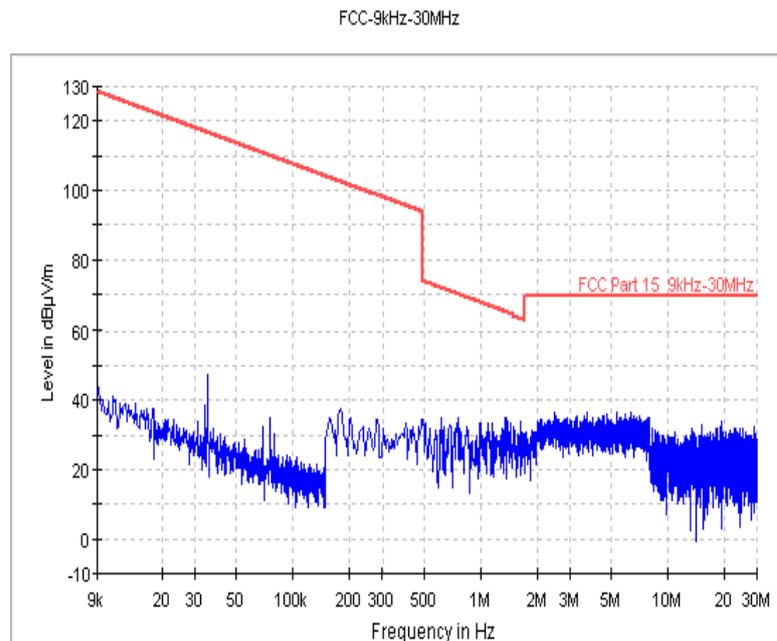
**Fig.111 Conducted Spurious Emission (802.11n-20M, Ch11, 3 GHz-18 GHz)**



**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)**

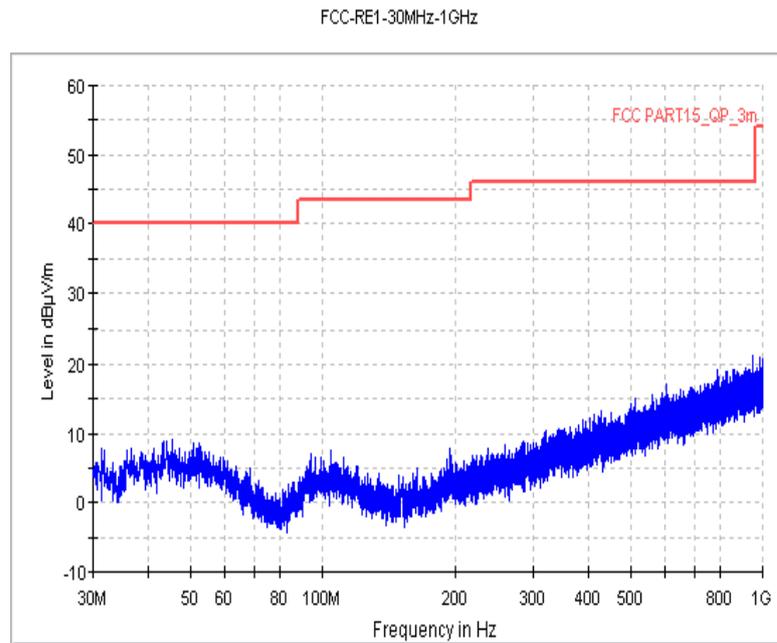


Fig.115 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz)

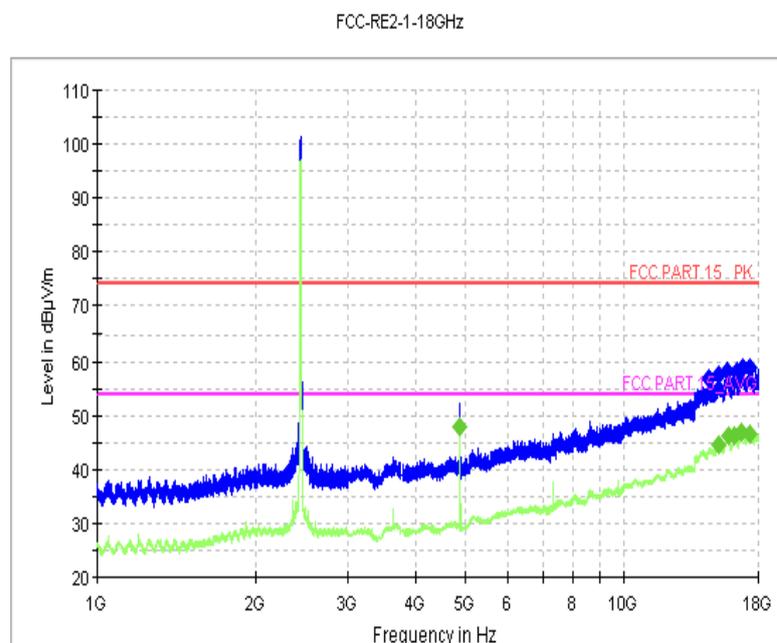
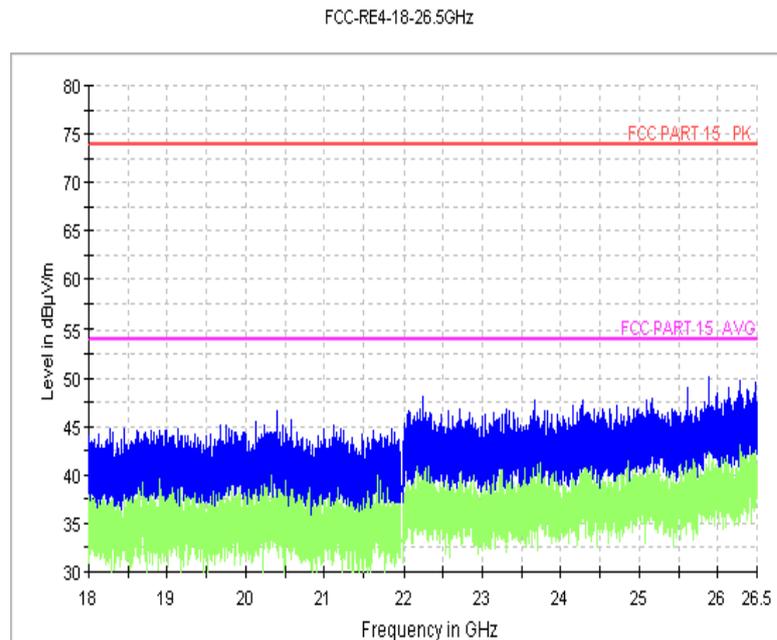
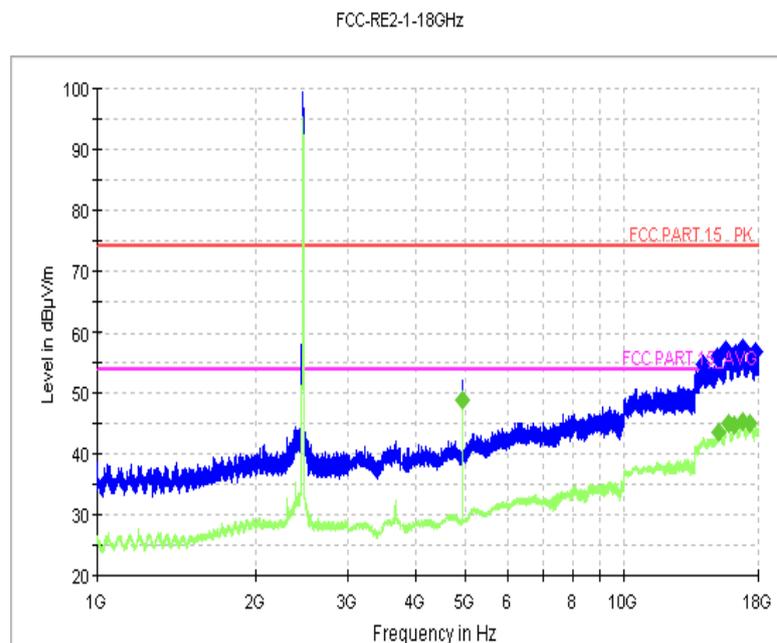


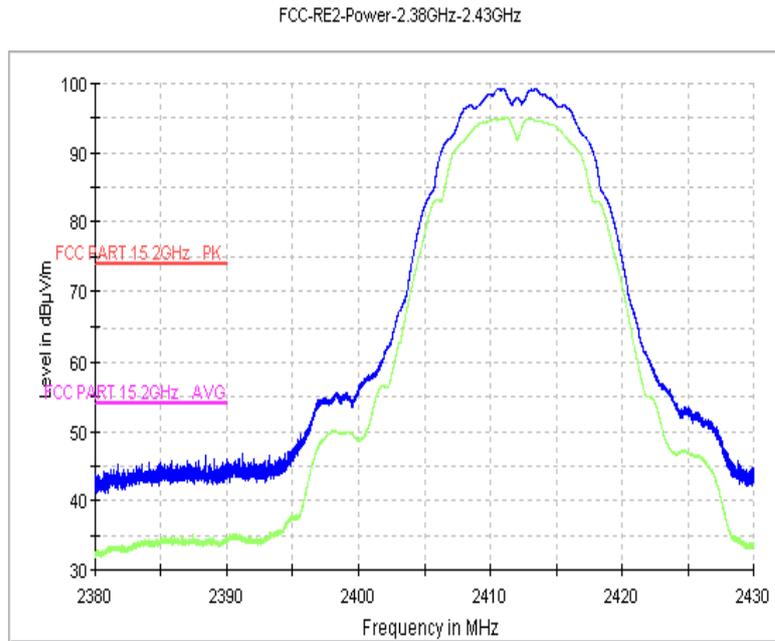
Fig.116 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-18GHz)



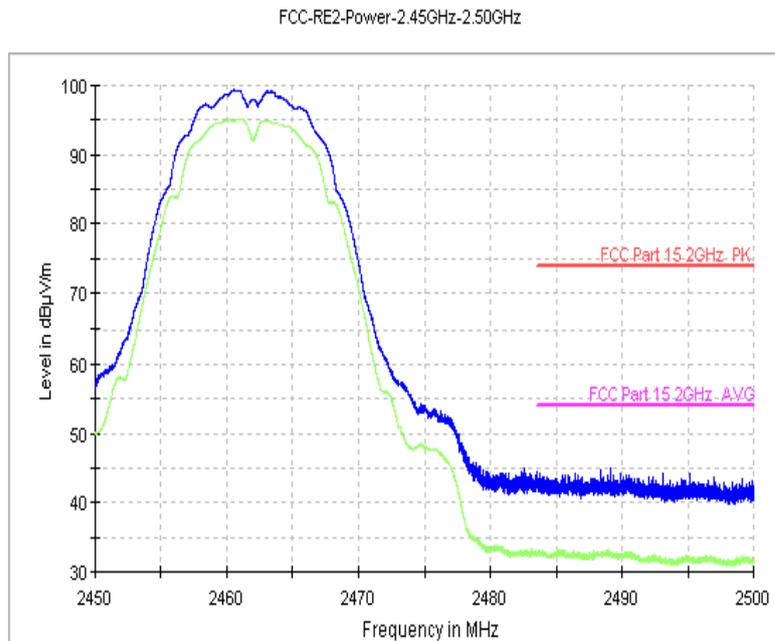
**Fig.117 Radiated Spurious Emission (802.11b, Ch6, 18 GHz-26.5GHz)**



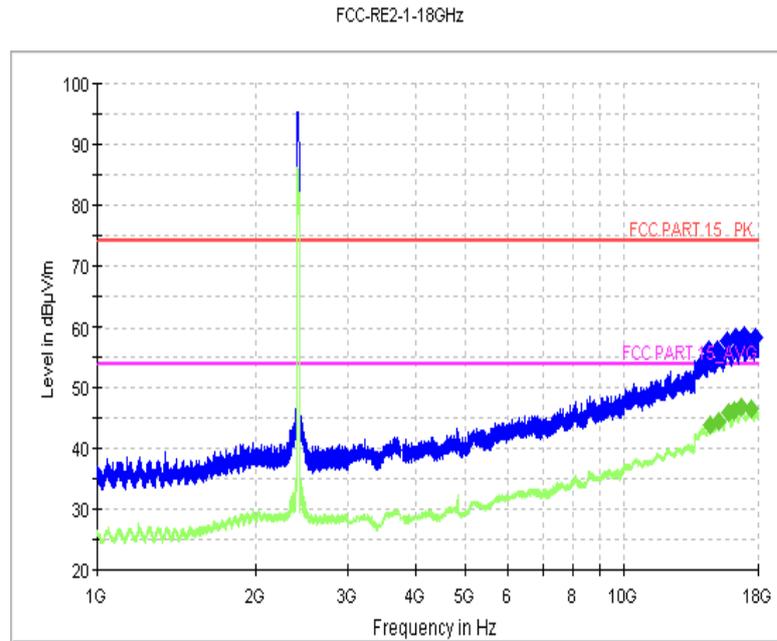
**Fig.118 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-18 GHz)**



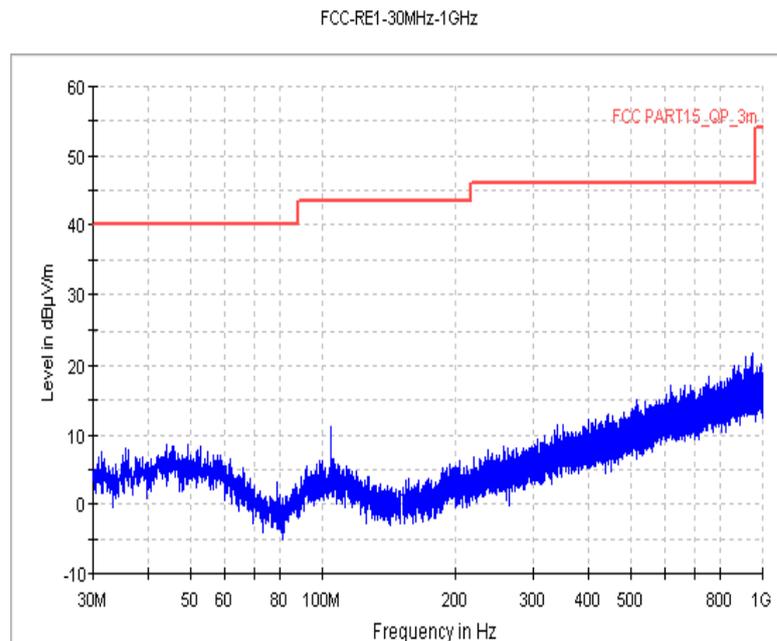
**Fig.119 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)**



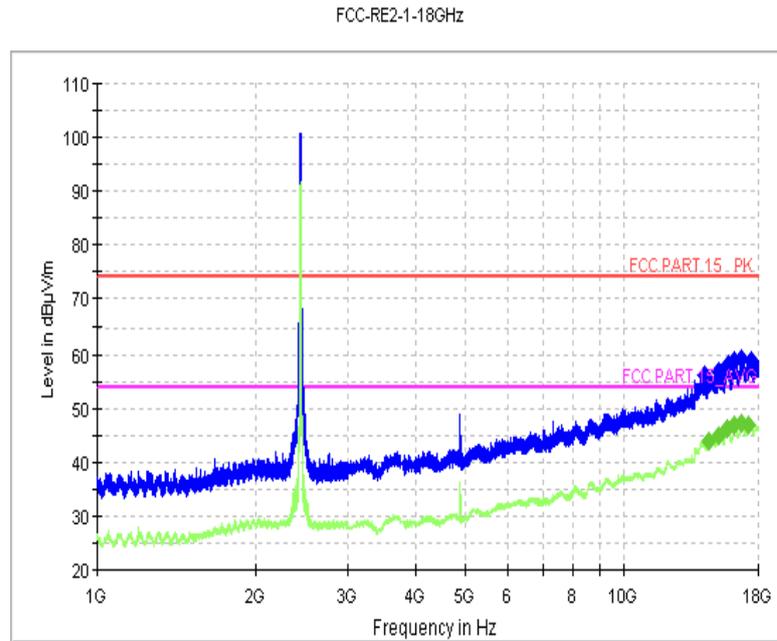
**Fig.120 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)**



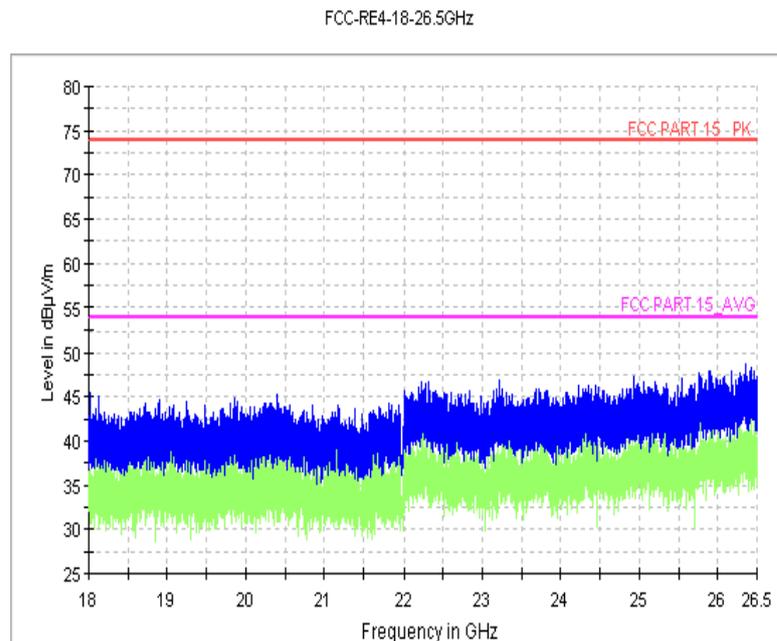
**Fig.121 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-18GHz)**



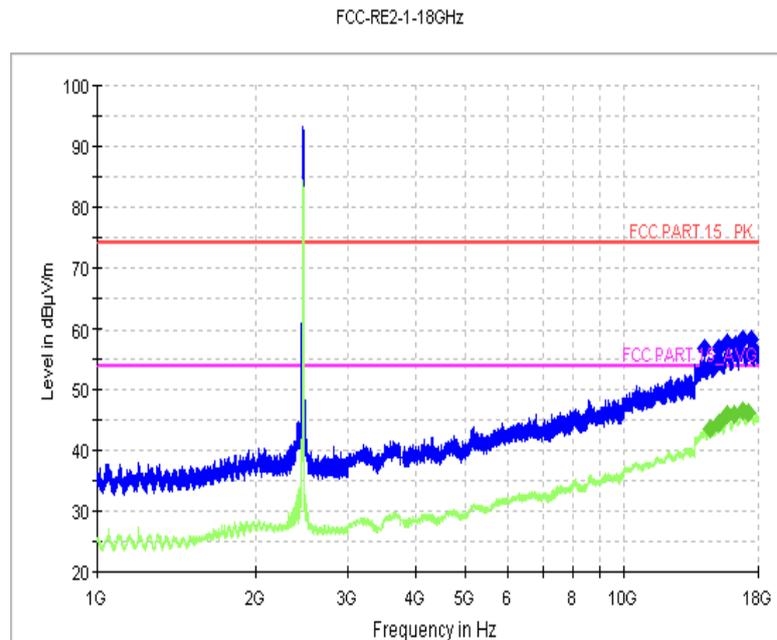
**Fig.122 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)**



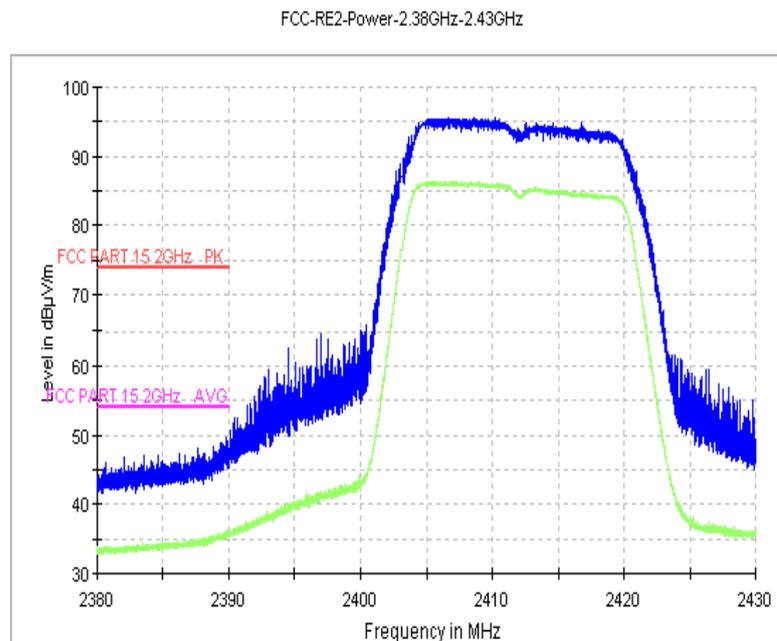
**Fig.123 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-18GHz)**



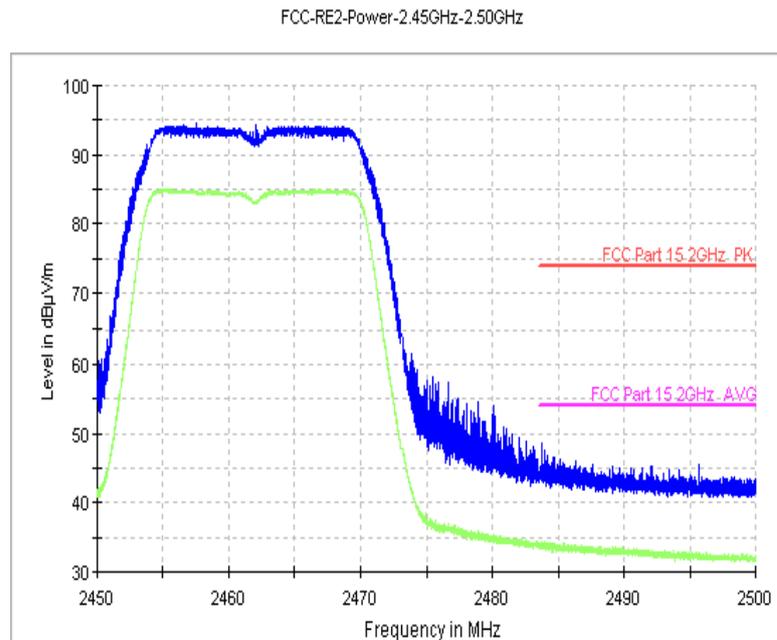
**Fig.124 Radiated Spurious Emission (802.11g, Ch6, 18 GHz-26.5GHz)**



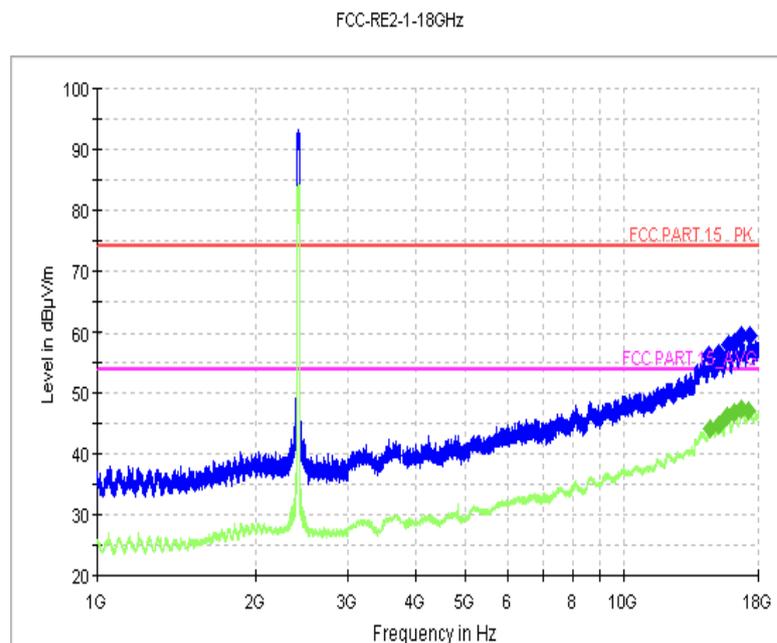
**Fig.125 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-18 GHz)**



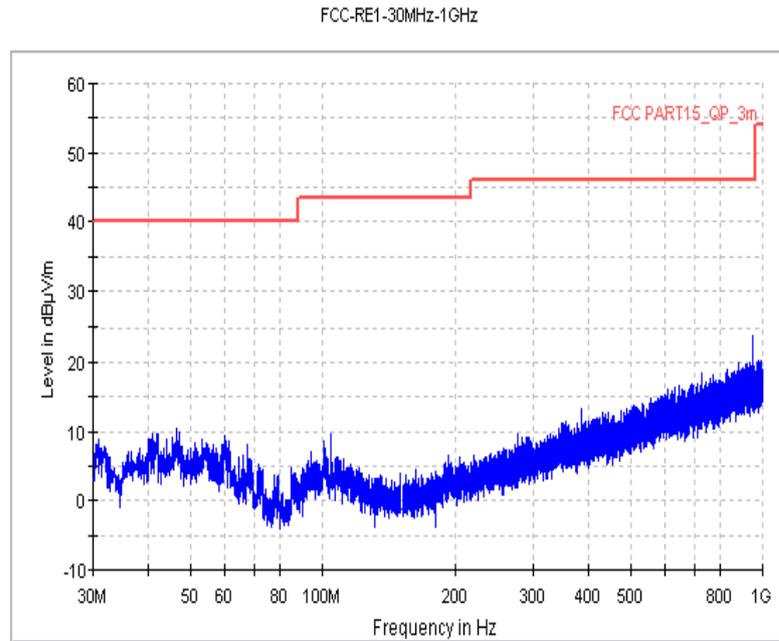
**Fig.126 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)**



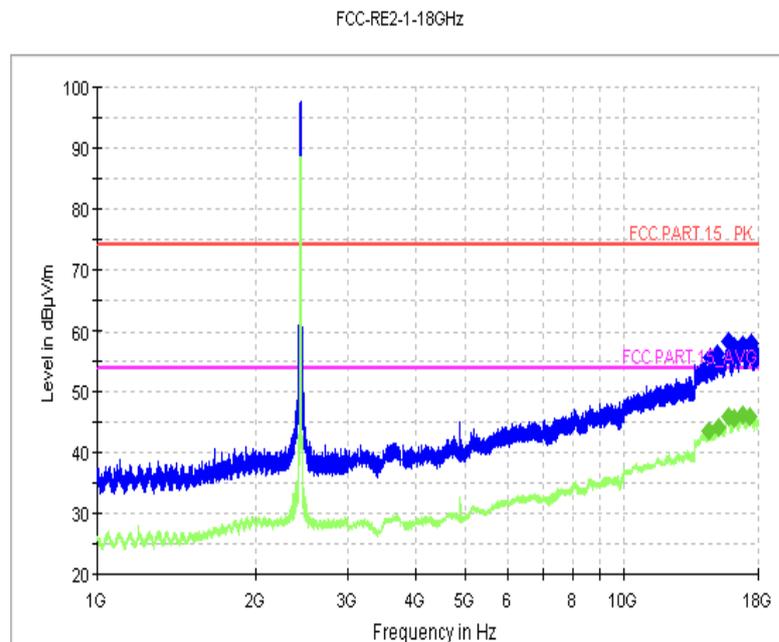
**Fig.127 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)**



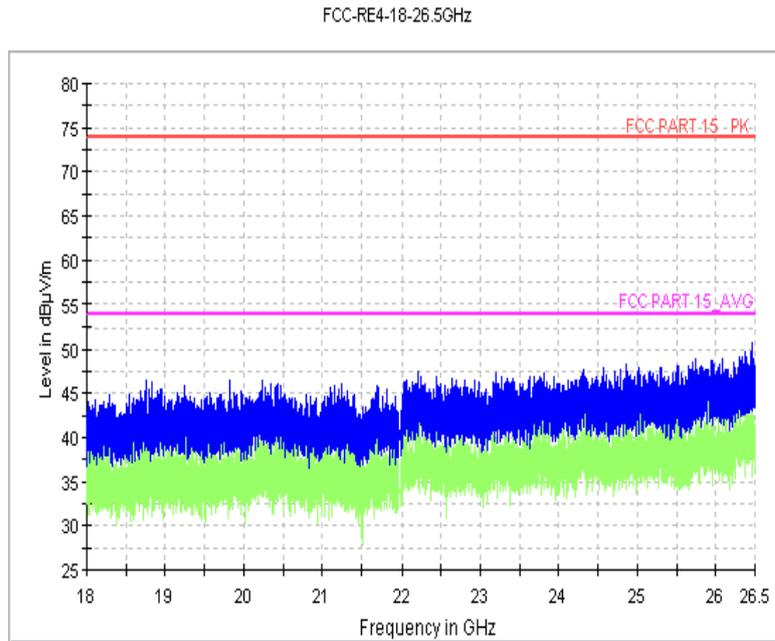
**Fig.128 Radiated Spurious Emission (802.11n, Ch1, 1 GHz-18GHz)**



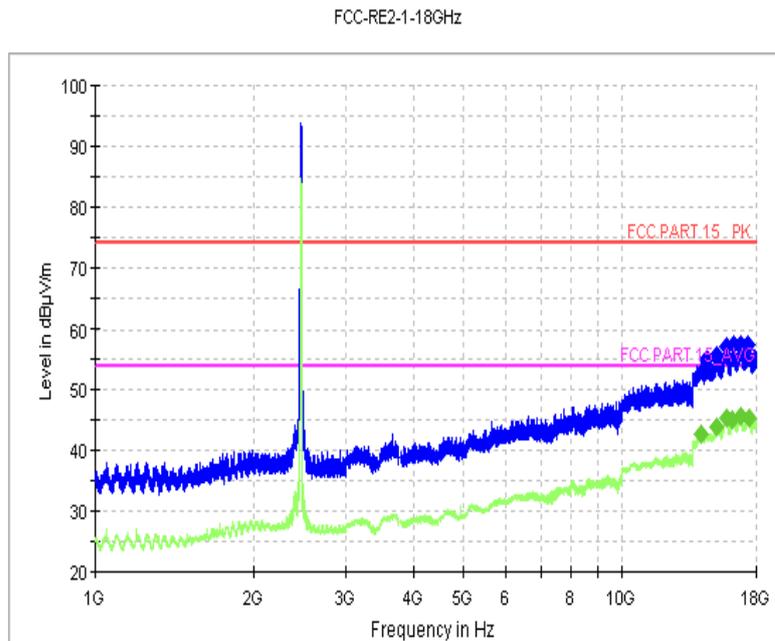
**Fig.129 Radiated Spurious Emission (802.11n, Ch6, 30MHz-1 GHz)**



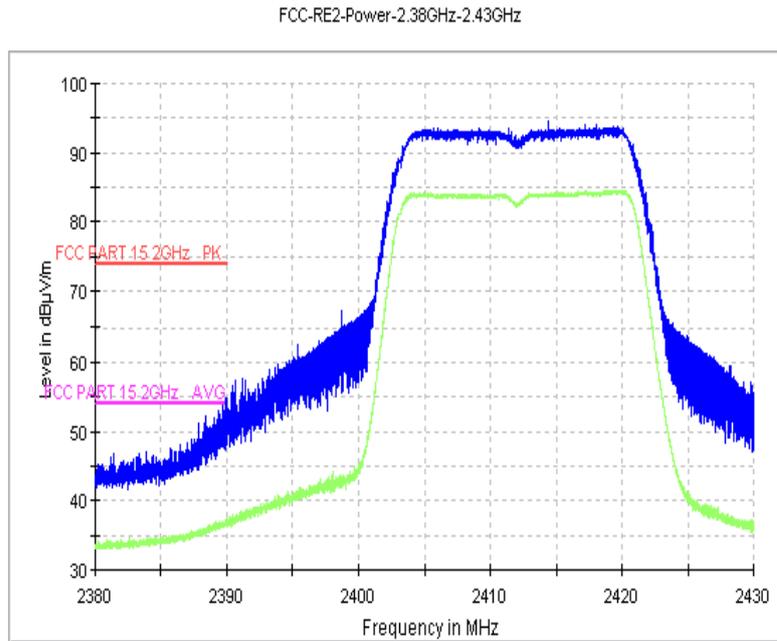
**Fig.130 Radiated Spurious Emission (802.11n, Ch6, 1 GHz-18GHz)**



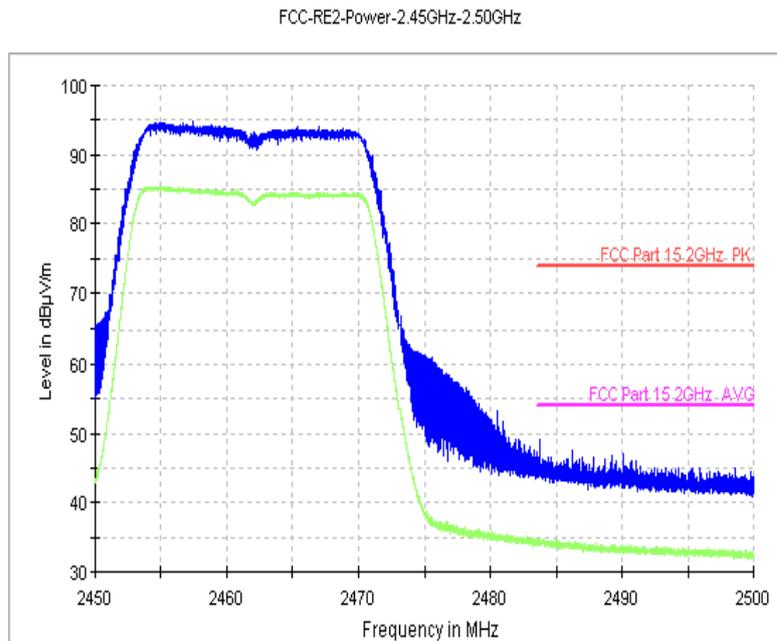
**Fig.131 Radiated Spurious Emission (802.11n, Ch6, 18 GHz-26.5GHz)**



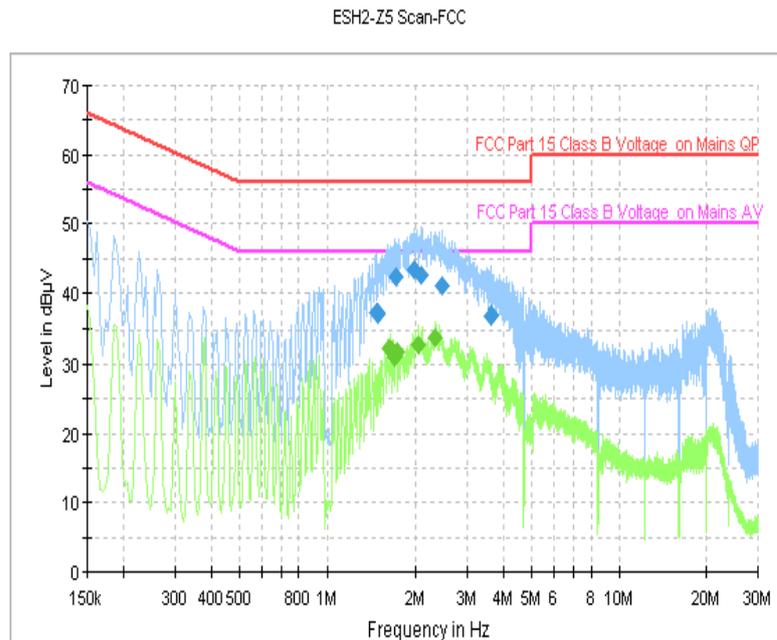
**Fig.132 Radiated Spurious Emission (802.11n, Ch11, 1 GHz-18 GHz)**



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



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



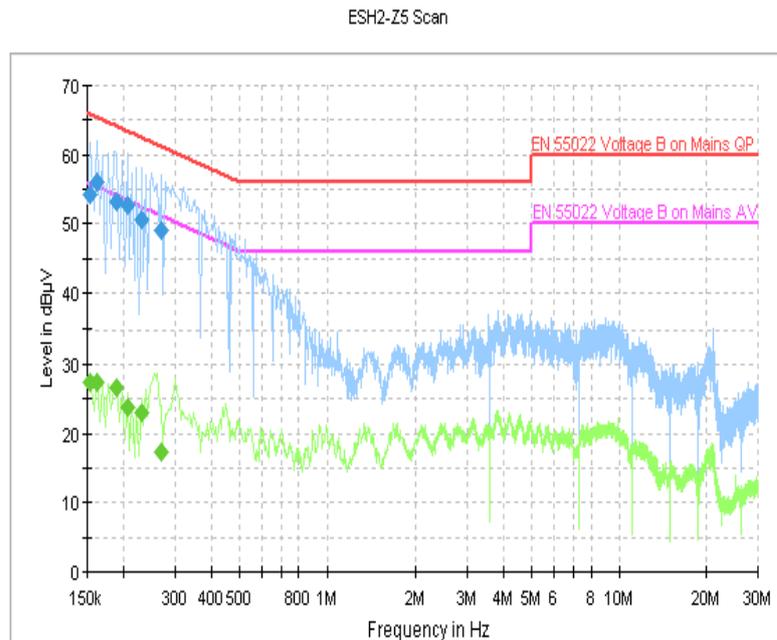
**Fig.135 AC Powerline Conducted Emission (Traffic, AE1)**

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.478000	37.3	GND	N	10.1	18.7	56.0
1.718000	42.4	GND	L1	10.1	13.6	56.0
1.966000	43.3	GND	L1	10.1	12.7	56.0
2.078000	42.6	GND	N	10.1	13.4	56.0
2.458000	41.2	GND	N	10.2	14.8	56.0
3.646000	37.0	GND	L1	10.2	19.0	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.614000	32.2	GND	L1	10.1	13.8	46.0
1.658000	31.9	GND	L1	10.1	14.1	46.0
1.698000	31.0	GND	L1	10.1	15.0	46.0
1.730000	31.9	GND	L1	10.1	14.1	46.0
2.038000	32.8	GND	L1	10.1	13.2	46.0
2.330000	33.7	GND	L1	10.1	12.3	46.0



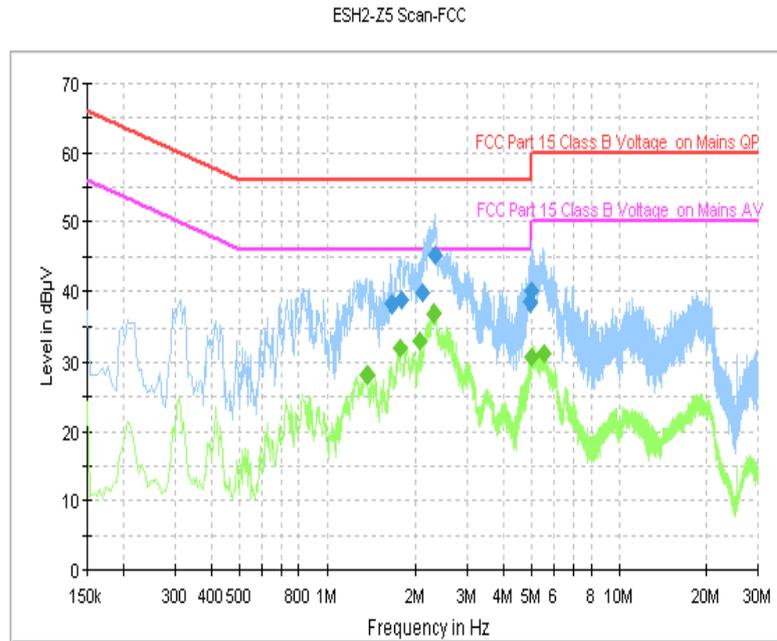
**Fig.136 AC Powerline Conducted Emission (Traffic, AE2)**

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	54.2	GND	L1	10.0	11.6	65.8
0.162000	56.1	GND	L1	10.0	9.3	65.4
0.190000	53.3	GND	L1	10.0	10.7	64.0
0.206000	52.7	GND	L1	10.0	10.6	63.4
0.230000	50.5	GND	L1	10.0	11.9	62.4
0.270000	49.1	GND	N	10.1	12.0	61.1

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	27.5	GND	L1	10.0	28.3	55.8
0.162000	27.4	GND	L1	10.0	27.9	55.4
0.190000	26.6	GND	L1	10.0	27.4	54.0
0.206000	23.8	GND	L1	10.0	29.5	53.4
0.230000	22.9	GND	L1	10.0	29.5	52.4
0.270000	17.3	GND	N	10.1	33.8	51.1



**Fig.137 AC Powerline Conducted Emission (Traffic, AE3)**

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.662000	38.3	GND	L1	10.1	17.7	56.0
1.794000	38.9	GND	L1	10.1	17.1	56.0
2.102000	39.7	GND	L1	10.1	16.3	56.0
2.330000	45.2	GND	L1	10.1	10.8	56.0
4.922000	38.4	GND	L1	10.2	17.6	56.0
4.974000	40.1	GND	L1	10.2	15.9	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.366000	28.3	GND	L1	10.1	17.7	46.0
1.762000	32.1	GND	L1	10.1	13.9	46.0
2.074000	33.2	GND	L1	10.1	12.8	46.0
2.302000	36.9	GND	L1	10.1	9.1	46.0
4.974000	30.7	GND	L1	10.2	15.3	46.0
5.546000	31.2	GND	L1	10.2	18.8	50.0

ESH2-Z5 Scan-FCC

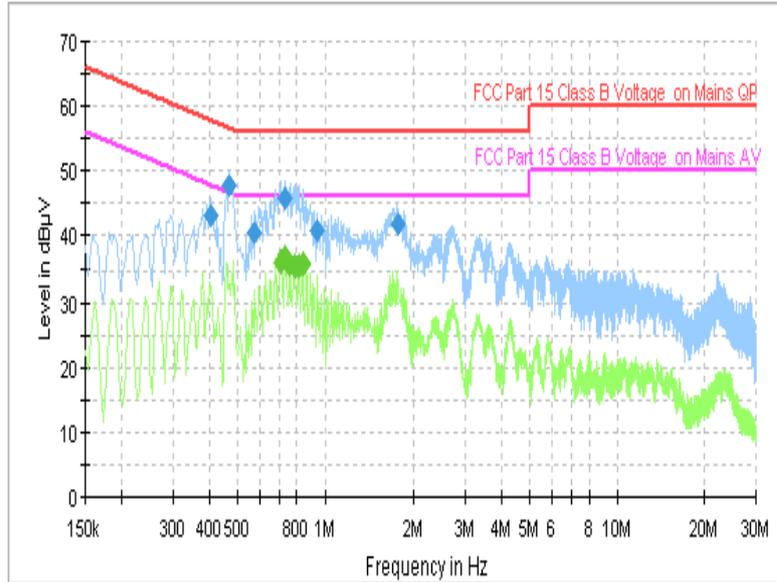


Fig.138 AC Powerline Conducted Emission (Idle, AE1)

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

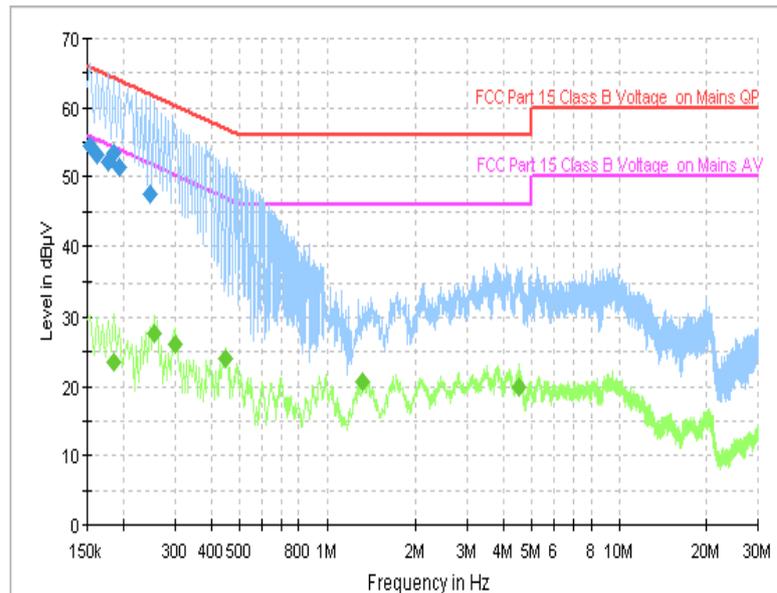


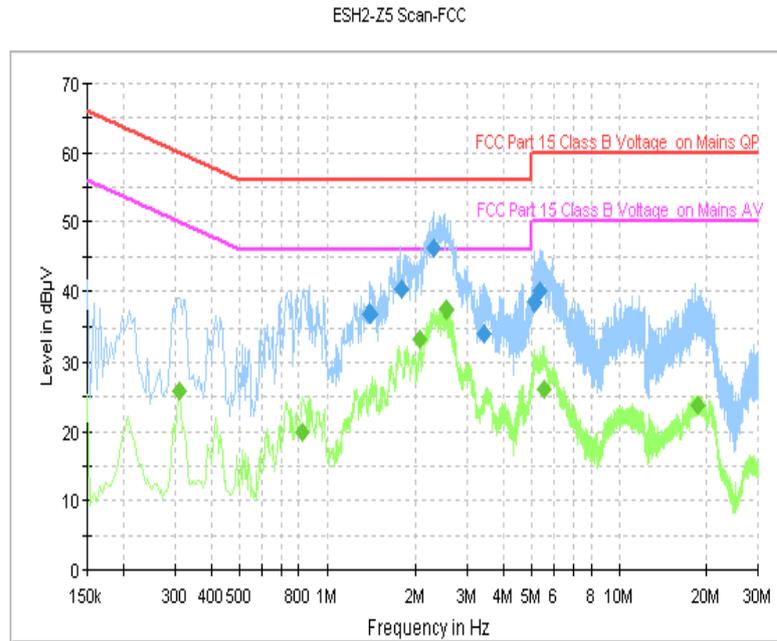
Fig.139 AC Powerline Conducted Emission (Idle, AE2)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	54.5	GND	L1	10.0	11.3	65.8
0.162000	53.1	GND	L1	10.0	12.2	65.4
0.178000	52.1	GND	L1	10.0	12.5	64.6
0.186000	53.4	GND	L1	10.0	10.8	64.2
0.194000	51.3	GND	L1	10.0	12.6	63.9
0.246000	47.4	GND	L1	10.0	14.4	61.9

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	23.6	GND	L1	10.0	30.6	54.2
0.254000	27.6	GND	L1	10.0	24.1	51.6
0.302000	26.1	GND	N	10.1	24.1	50.2
0.446000	23.9	GND	L1	10.0	23.0	46.9
1.330000	20.7	GND	N	10.1	25.3	46.0
4.514000	19.9	GND	L1	10.2	26.2	46.0



**Fig.140 AC Powerline Conducted Emission (Idle, AE3)**

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.406000	36.9	GND	L1	10.1	19.1	56.0
1.782000	40.3	GND	L1	10.1	15.7	56.0
2.302000	46.2	GND	L1	10.1	9.8	56.0
3.422000	34.1	GND	L1	10.2	21.9	56.0
5.114000	38.6	GND	L1	10.2	21.4	60.0
5.350000	40.1	GND	L1	10.2	19.9	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.310000	25.8	GND	L1	10.0	24.1	50.0
0.826000	20.0	GND	L1	10.0	26.0	46.0
2.074000	33.4	GND	L1	10.1	12.6	46.0
2.538000	37.5	GND	L1	10.2	8.5	46.0
5.542000	26.1	GND	L1	10.2	23.9	50.0
18.706000	23.8	GND	L1	10.5	26.2	50.0

**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\*\*\***