

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

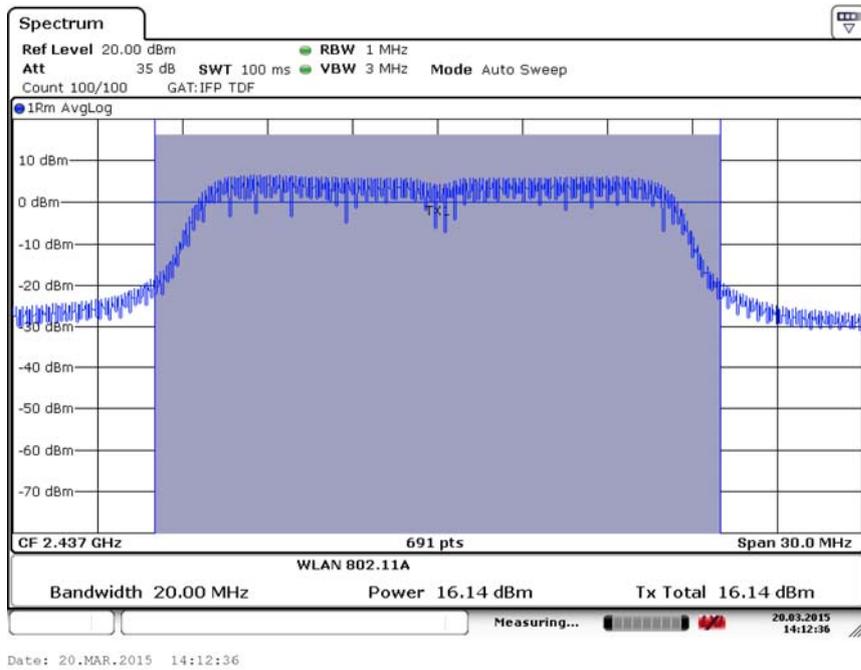


Fig.56 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS6)

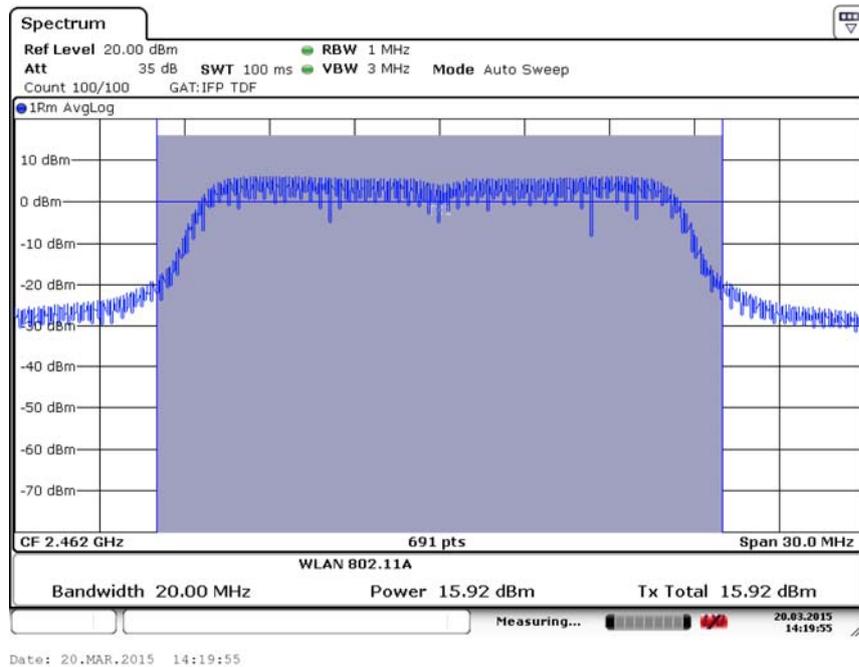


Fig.57 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS6)

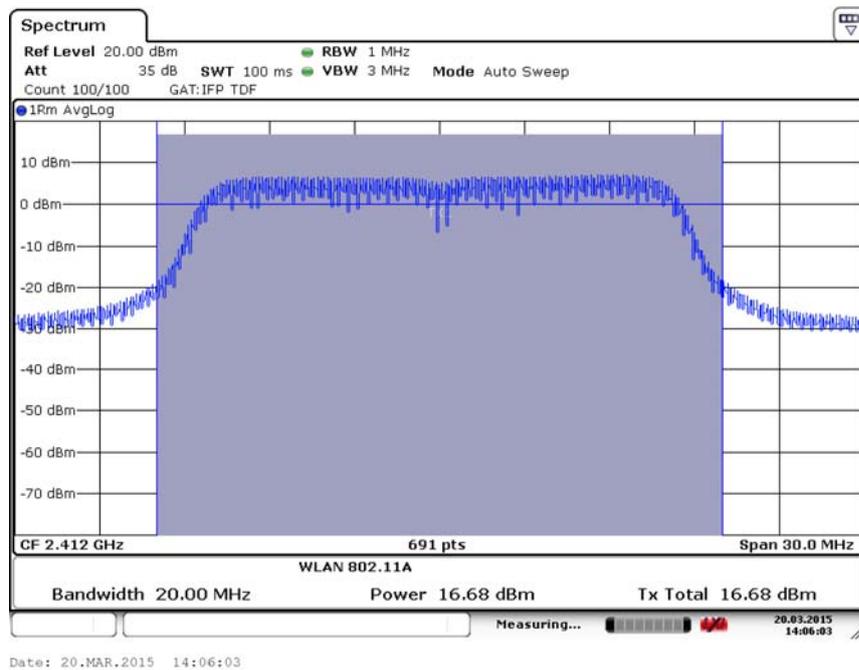


Fig.58 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS7)

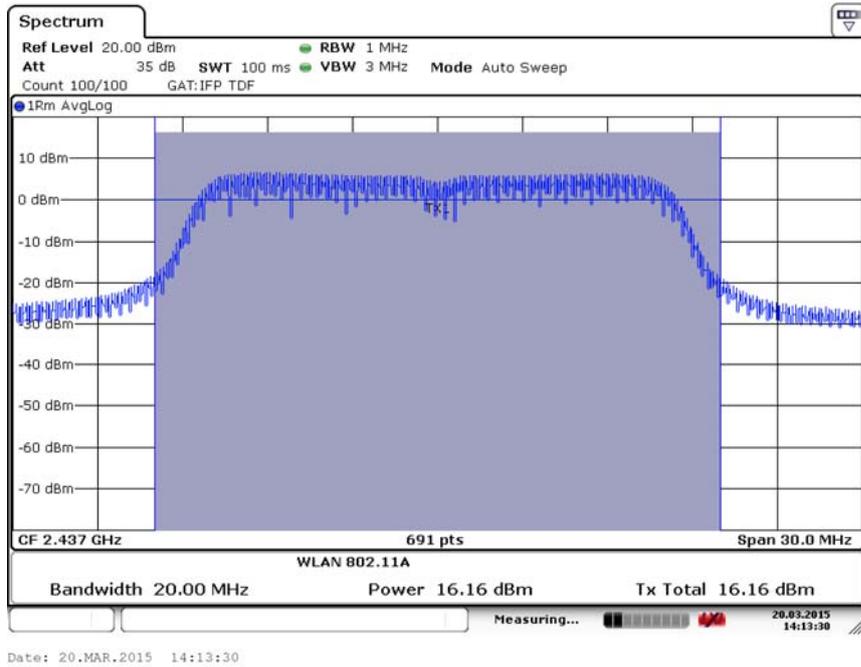


Fig.59 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS7)

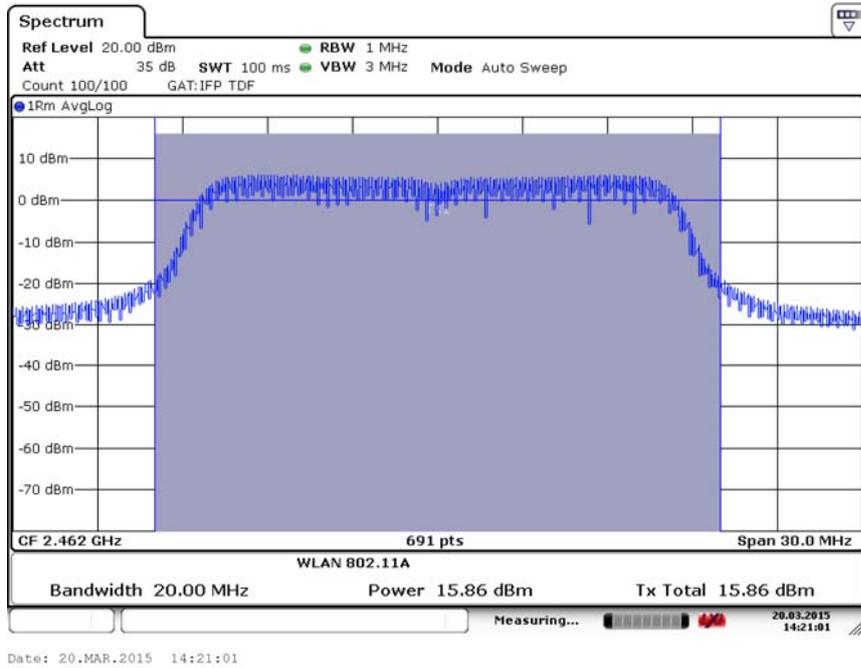


Fig.60 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS7)



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



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



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

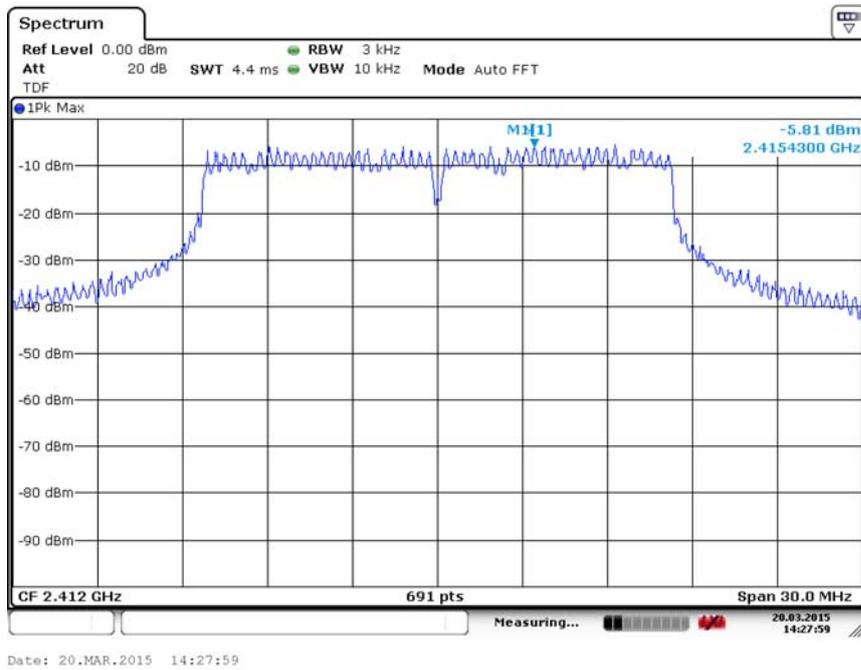


Fig.64 Power Spectral Density (802.11g, Ch 1)

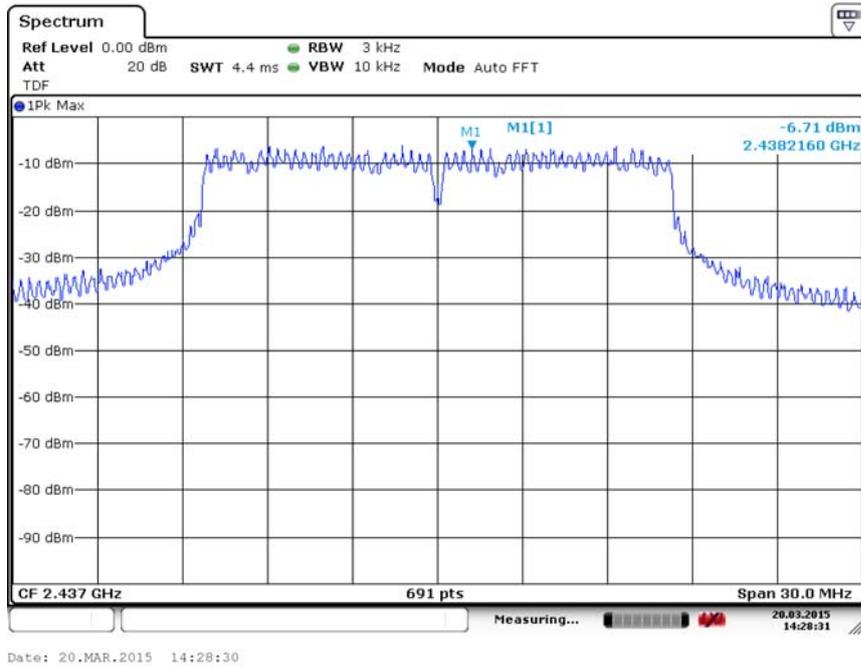


Fig.65 Power Spectral Density (802.11g, Ch 6)

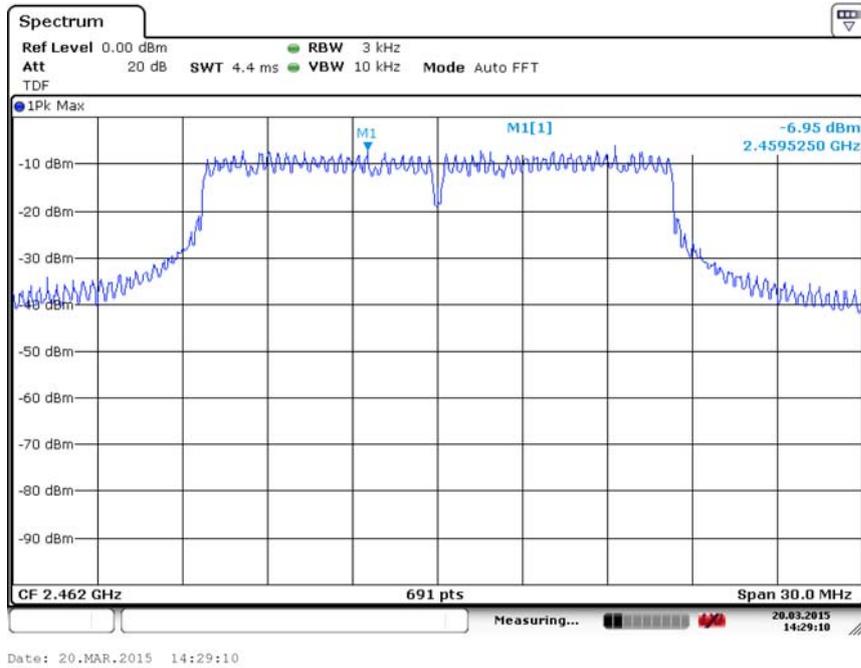


Fig.66 Power Spectral Density (802.11g, Ch 11)

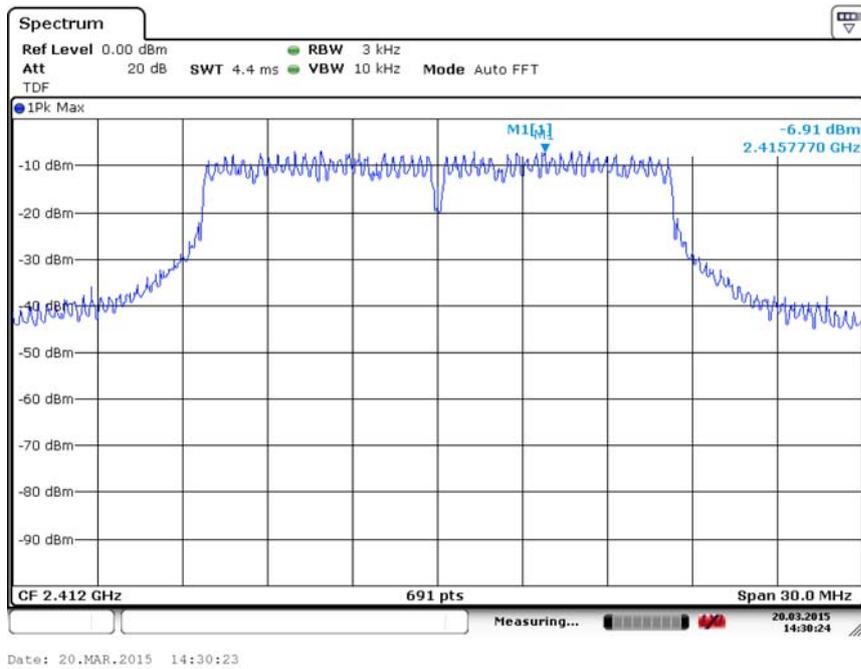


Fig.67 Power Spectral Density (802.11n-20MHz, Ch 1)

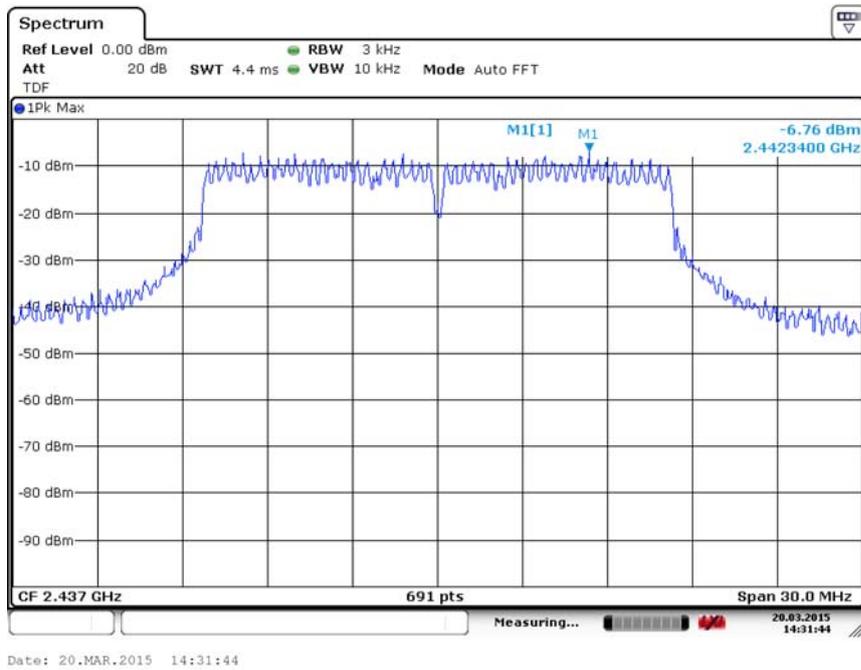


Fig.68 Power Spectral Density (802.11n-20MHz, Ch 6)

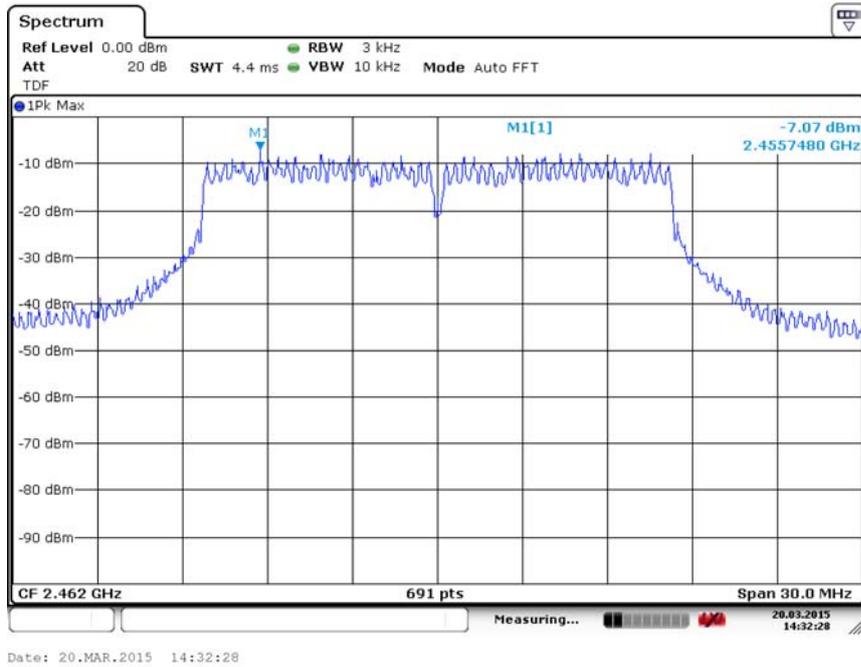


Fig.69 Power Spectral Density (802.11n-20MHz, Ch 11)

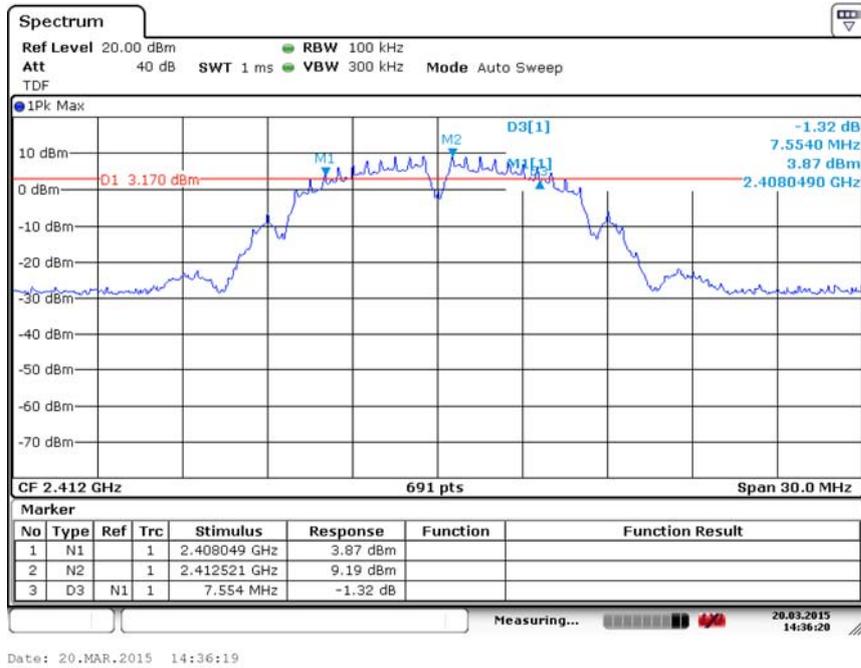


Fig.70 Occupied 6dB Bandwidth (802.11b, Ch 1)

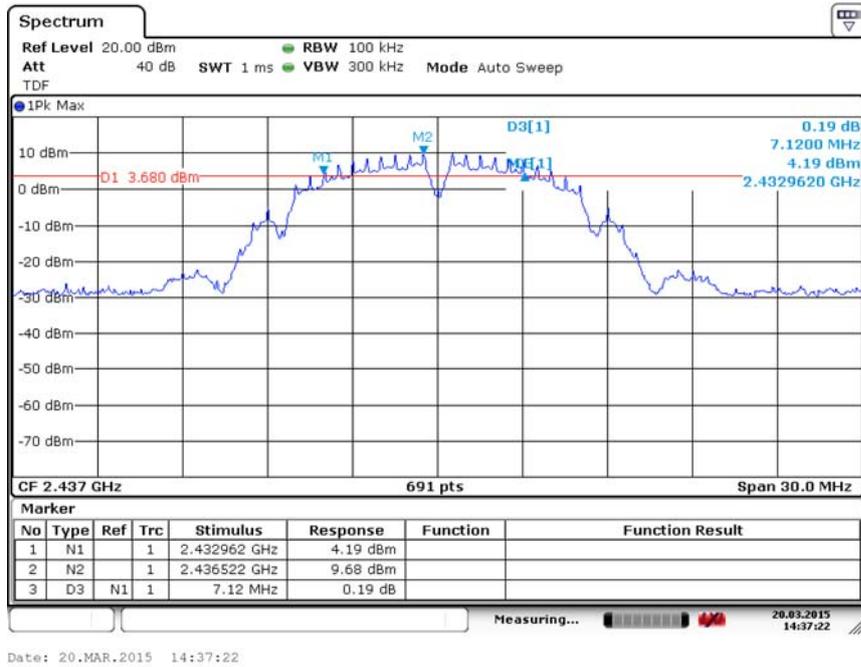


Fig.71 Occupied 6dB Bandwidth (802.11b, Ch 6)

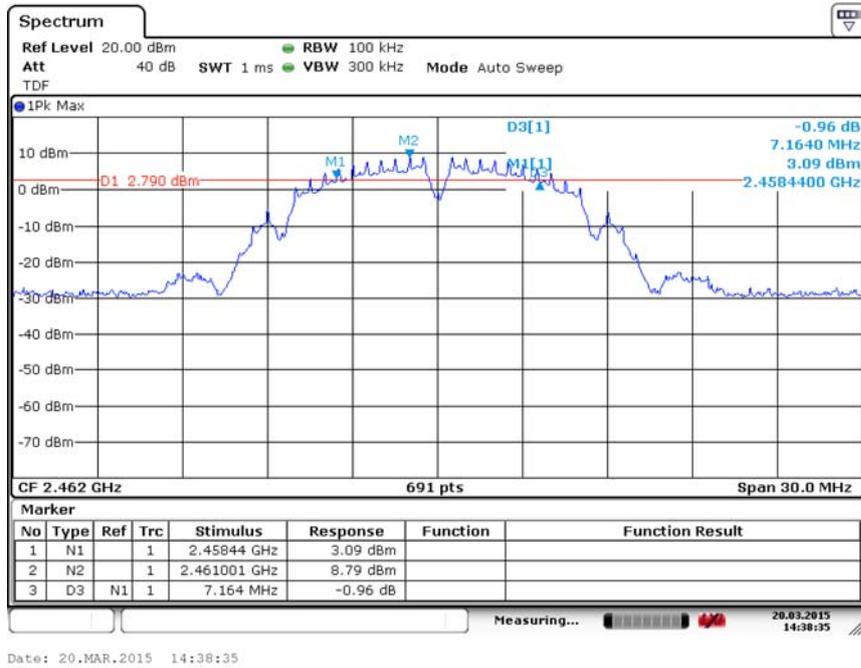


Fig.72 Occupied 6dB Bandwidth (802.11b, Ch 11)

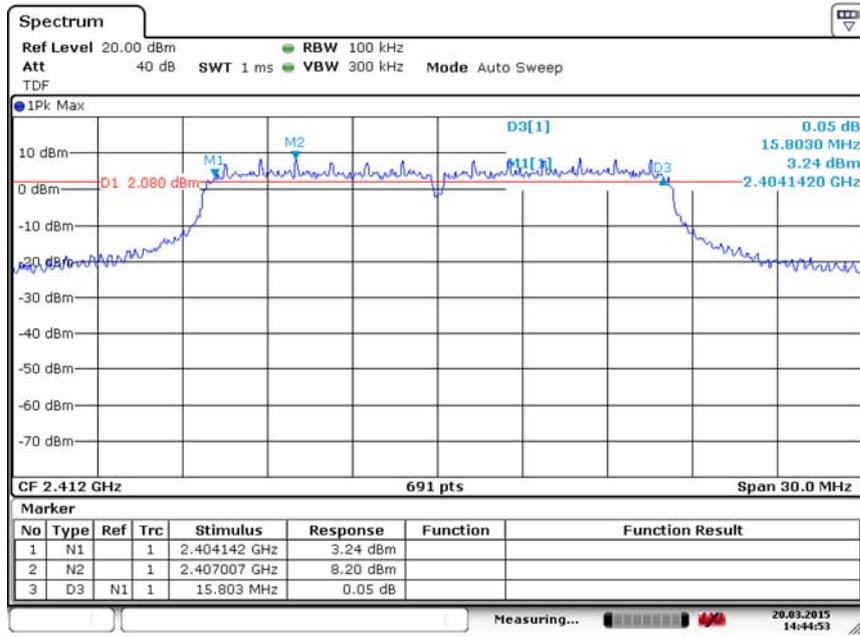


Fig.73 Occupied 6dB Bandwidth (802.11g, Ch 1)

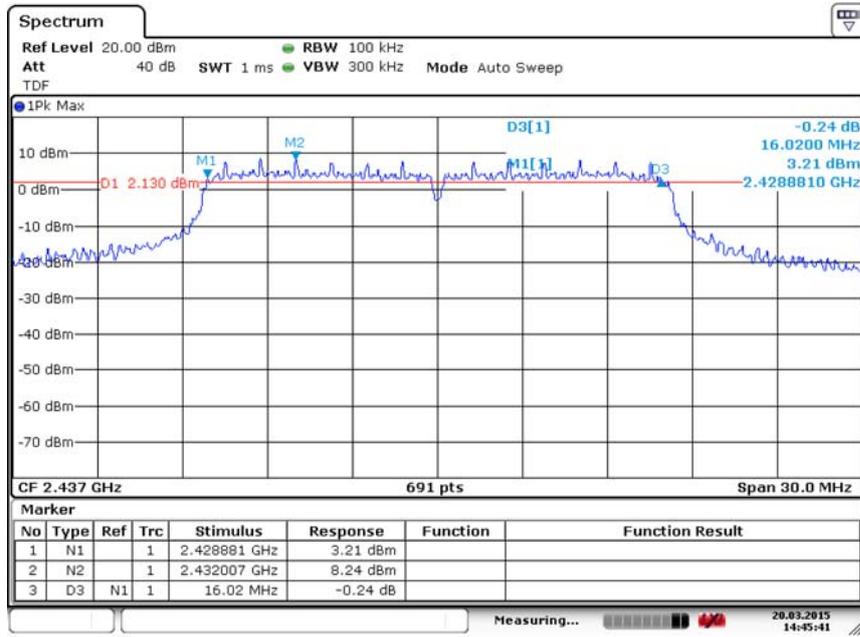


Fig.74 Occupied 6dB Bandwidth (802.11g, Ch 6)

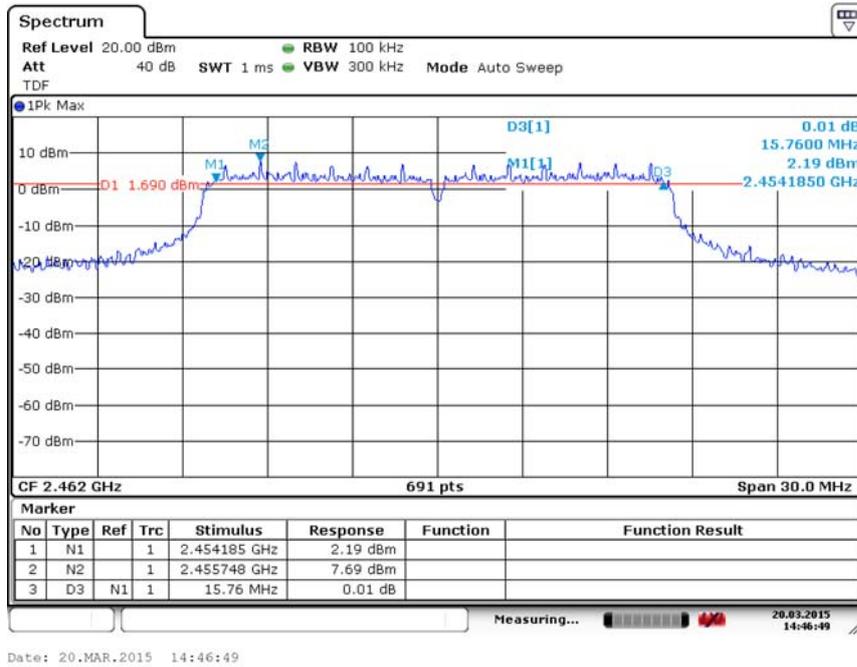


Fig.75 Occupied 6dB Bandwidth (802.11g, Ch 11)

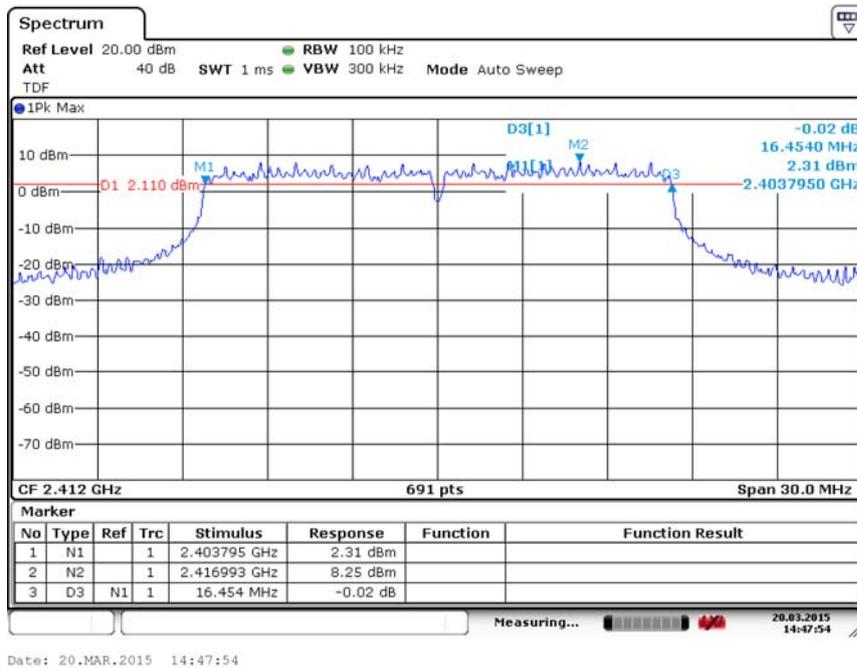


Fig.76 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 1)

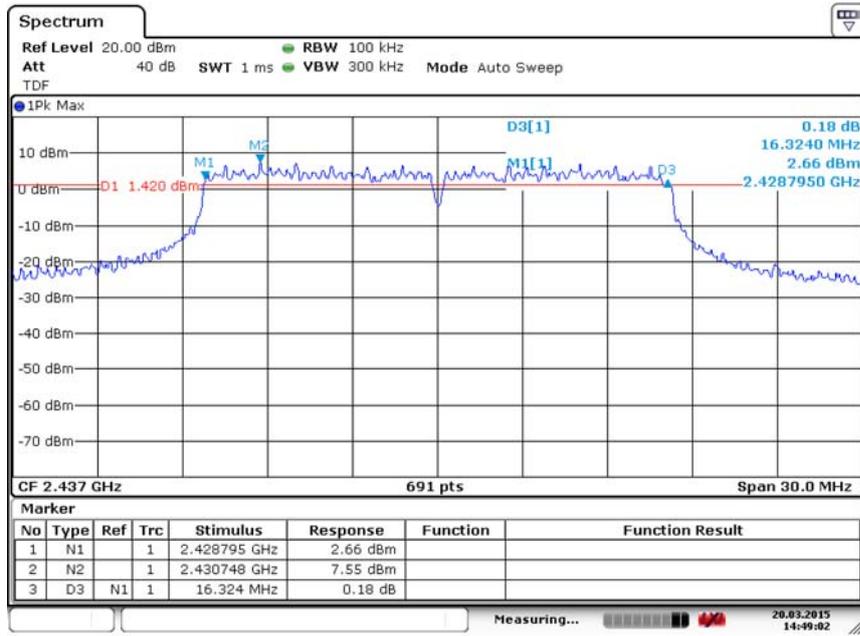


Fig.77 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 6)

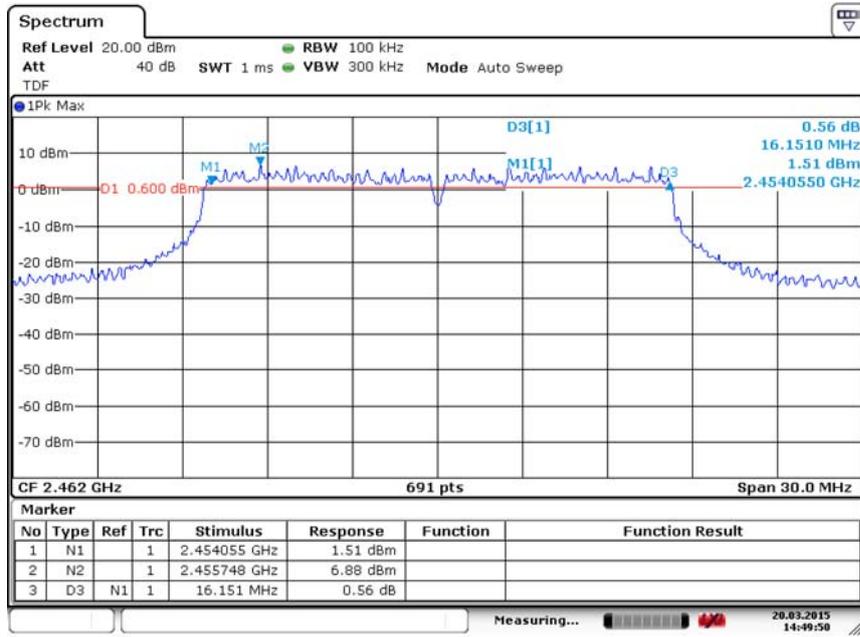


Fig.78 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 11)

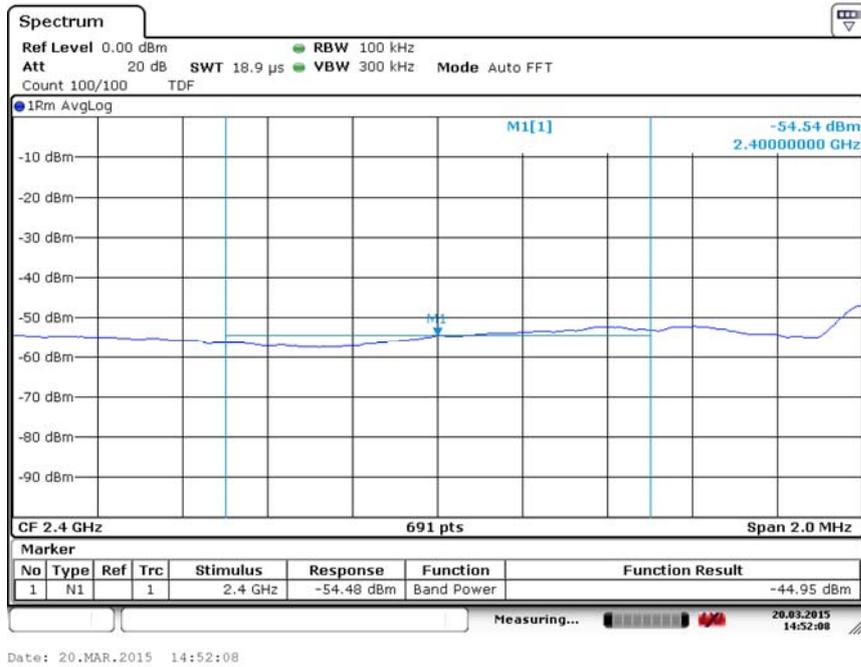


Fig.79 Band Edges (802.11b, Ch 1)

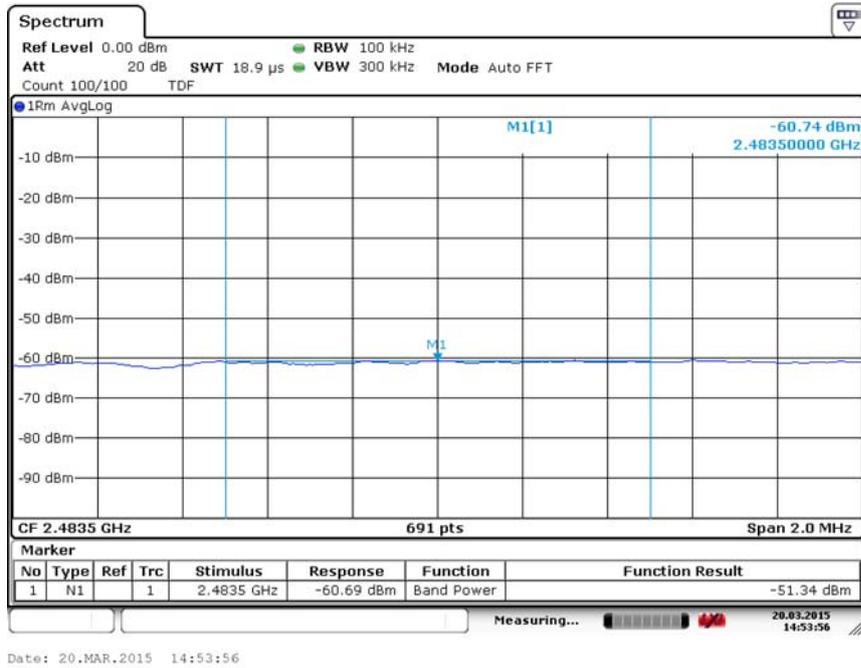


Fig.80 Band Edges (802.11b, Ch 11)

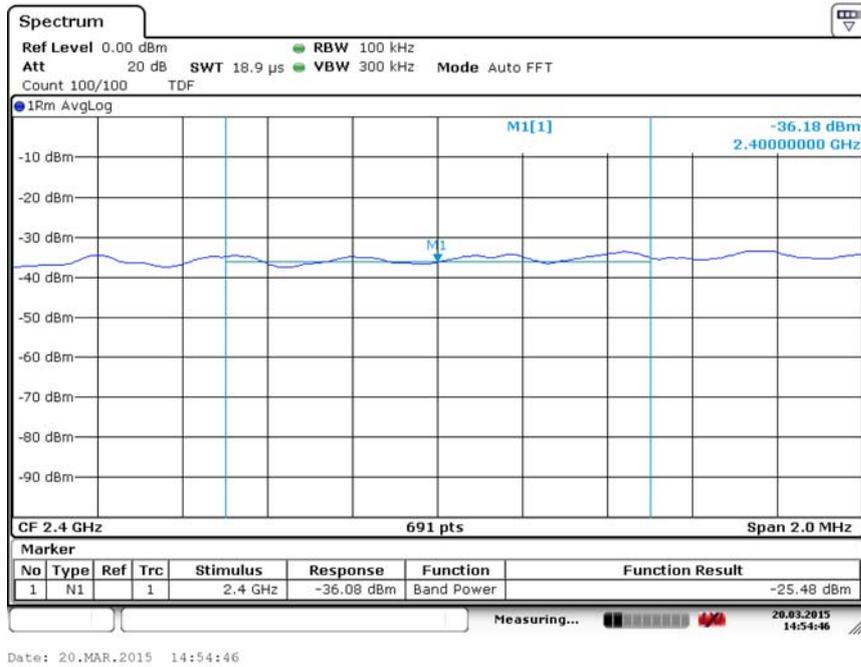


Fig.81 Band Edges (802.11g, Ch 1)

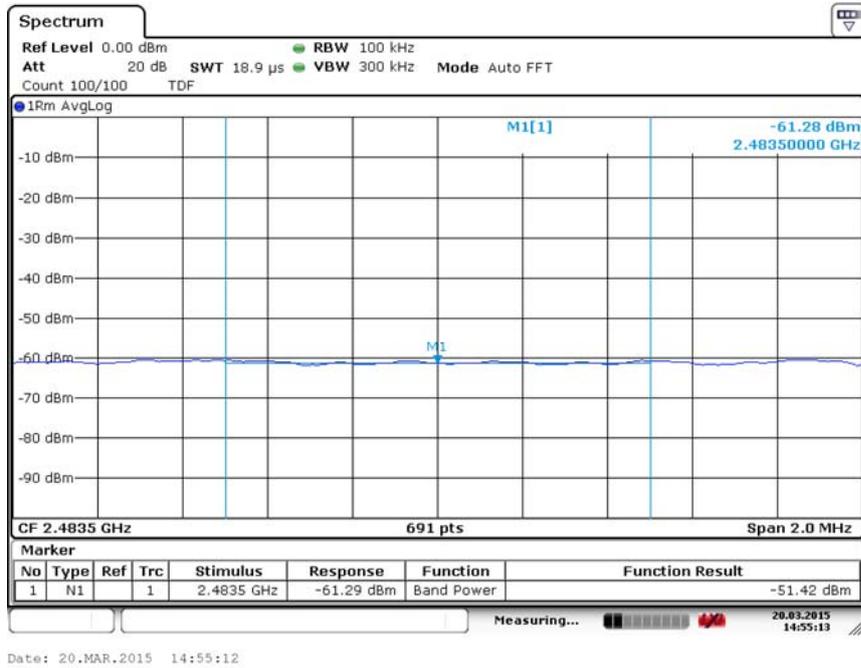


Fig.82 Band Edges (802.11g, Ch 11)

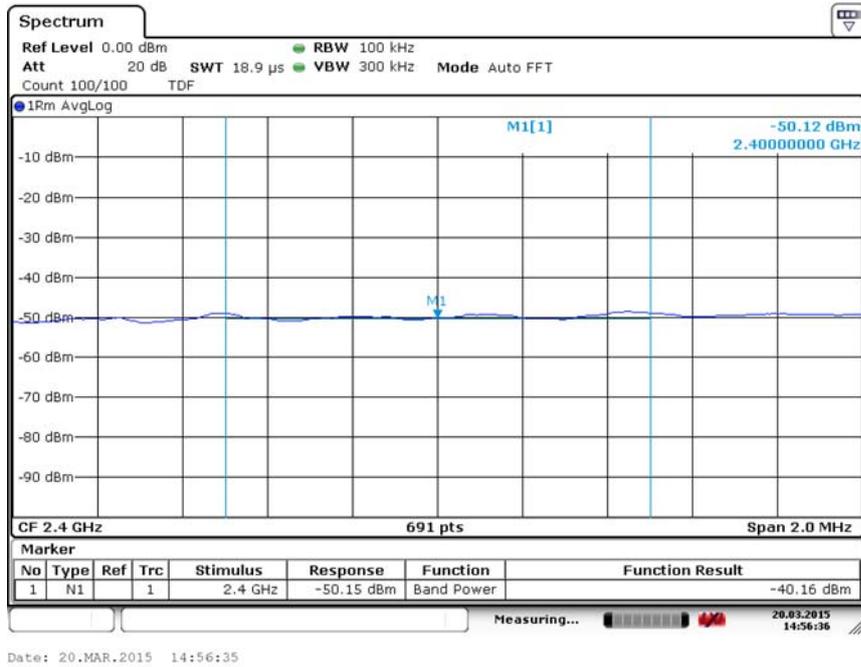


Fig.83 Band Edges (802.11 n-20MHz, Ch 1)

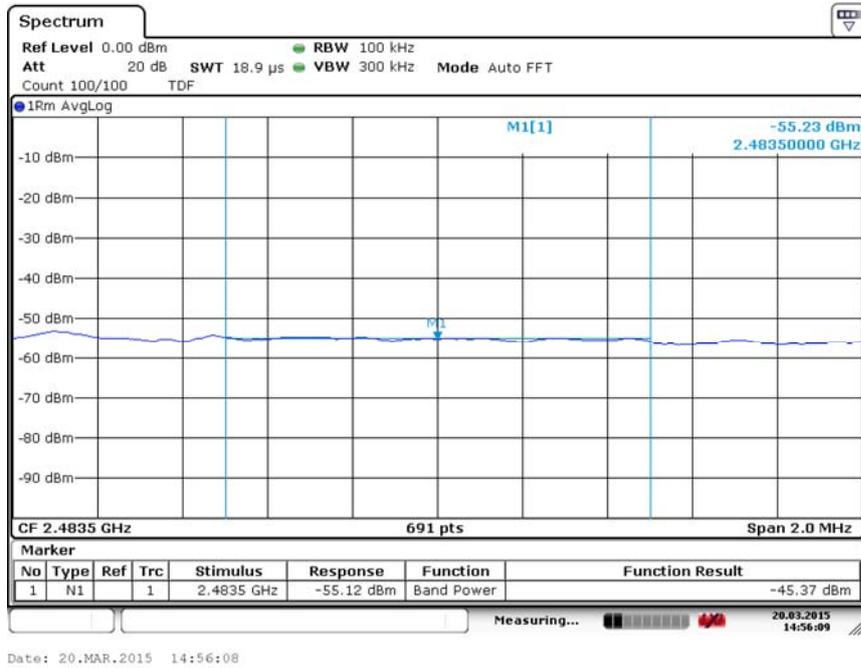


Fig.84 Band Edges (802.11 n-20MHz, Ch 11)

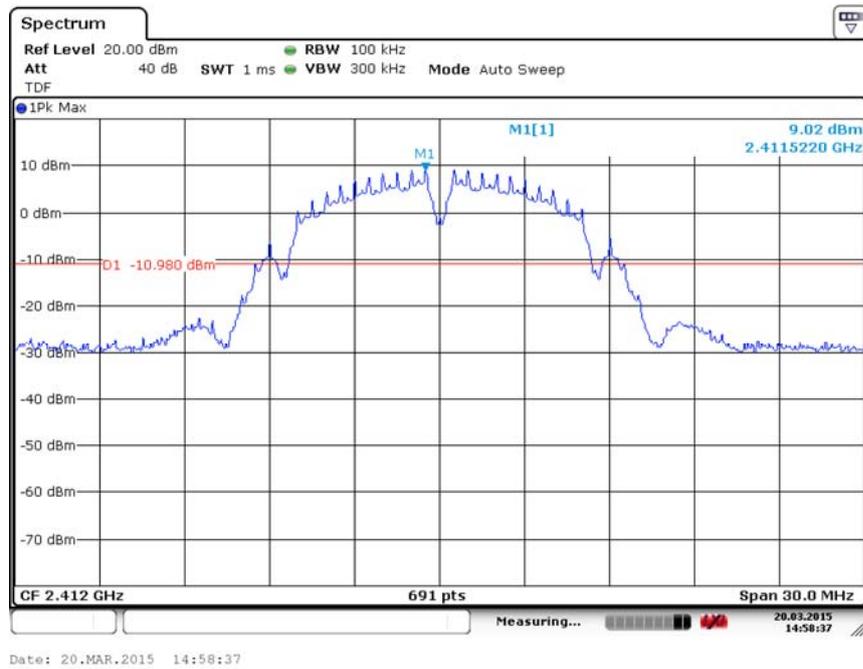


Fig.85 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)

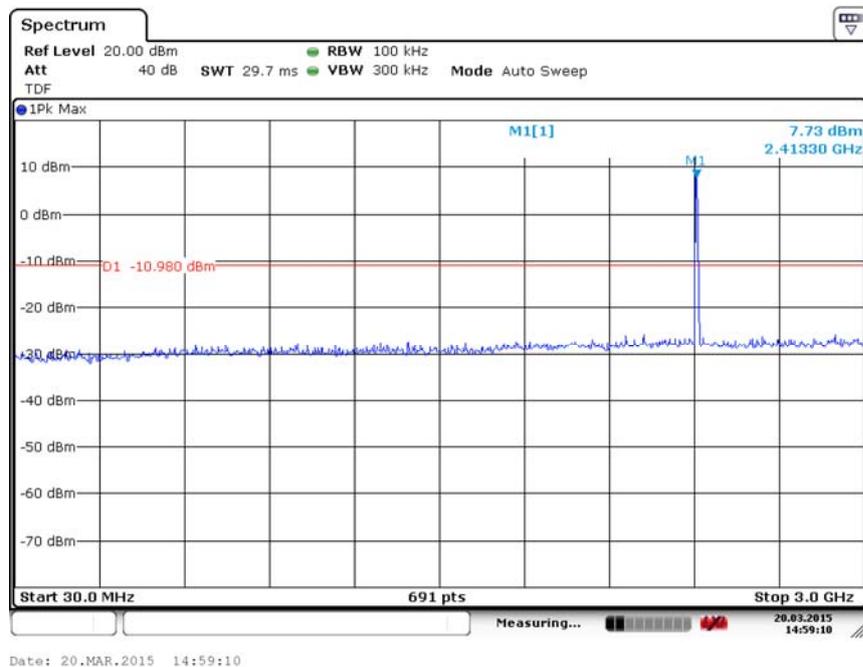


Fig.86 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-3 GHz)

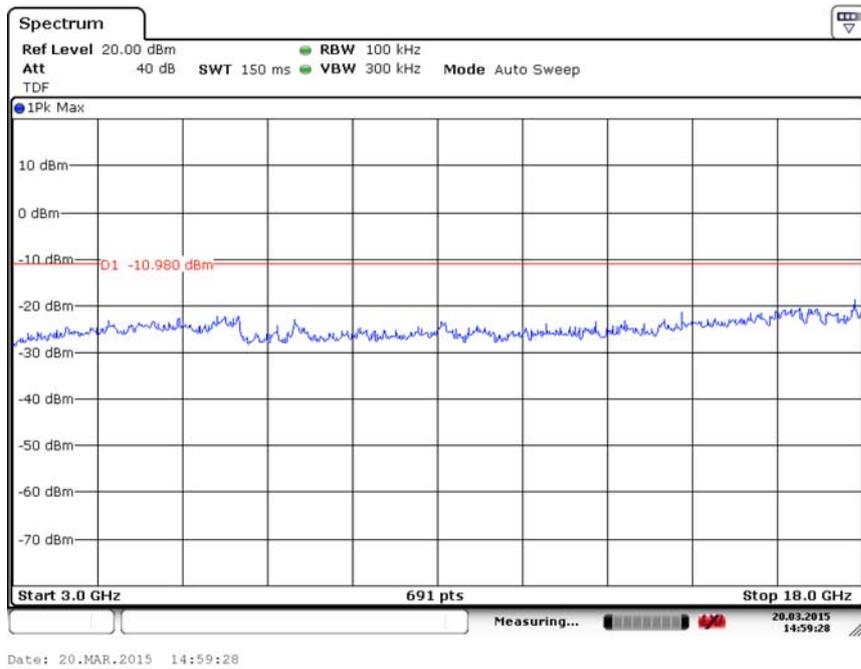


Fig.87 Conducted Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

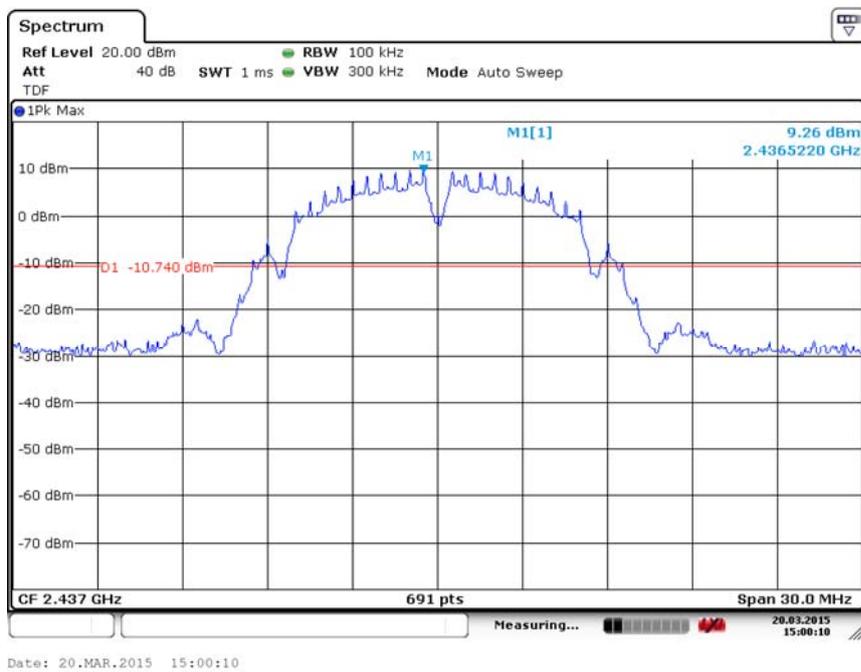


Fig.88 Conducted Spurious Emission (802.11b, Ch6, Center Frequency)

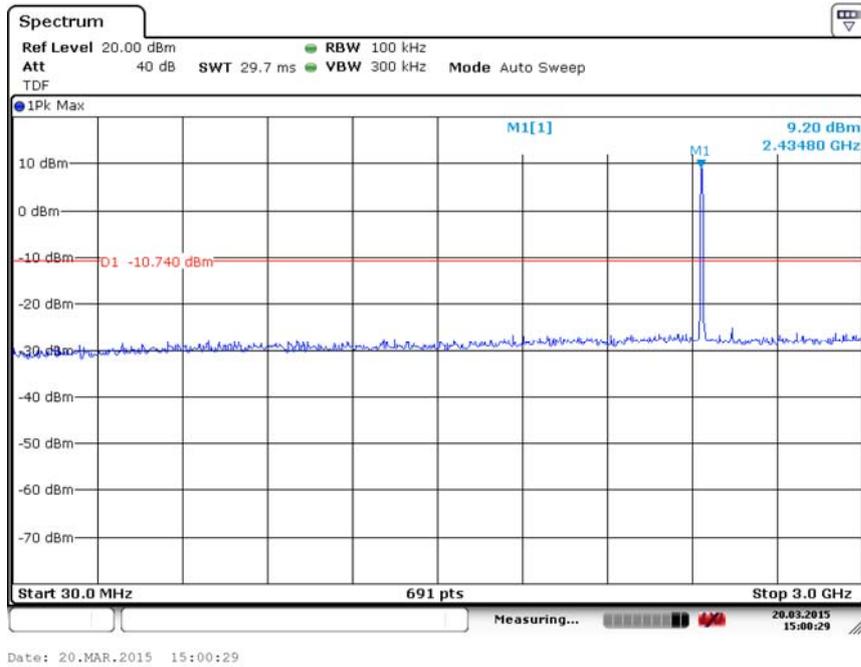


Fig.89 Conducted Spurious Emission (802.11b, Ch6, 30 MHz-3 GHz)

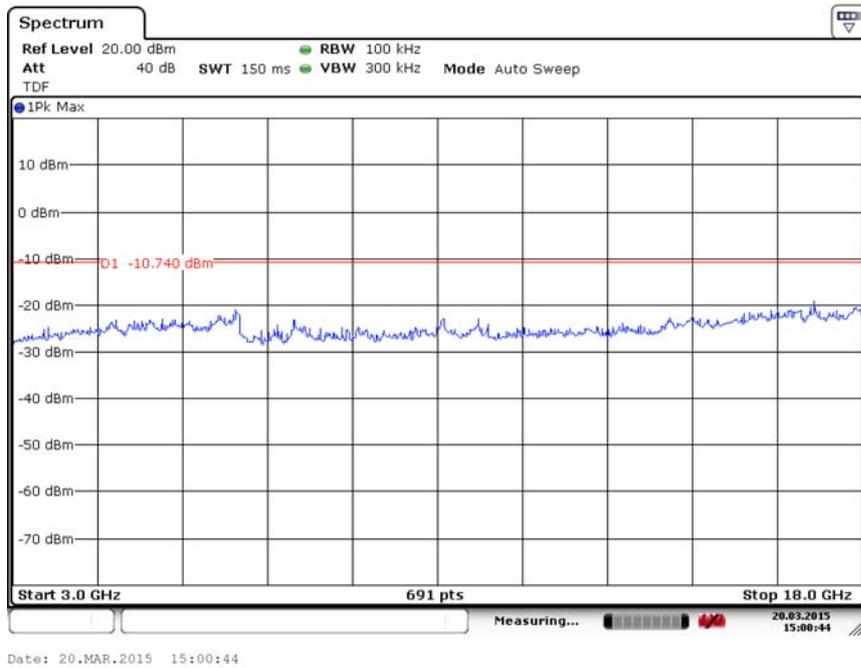


Fig.90 Conducted Spurious Emission (802.11b, Ch6, 3 GHz-18 GHz)

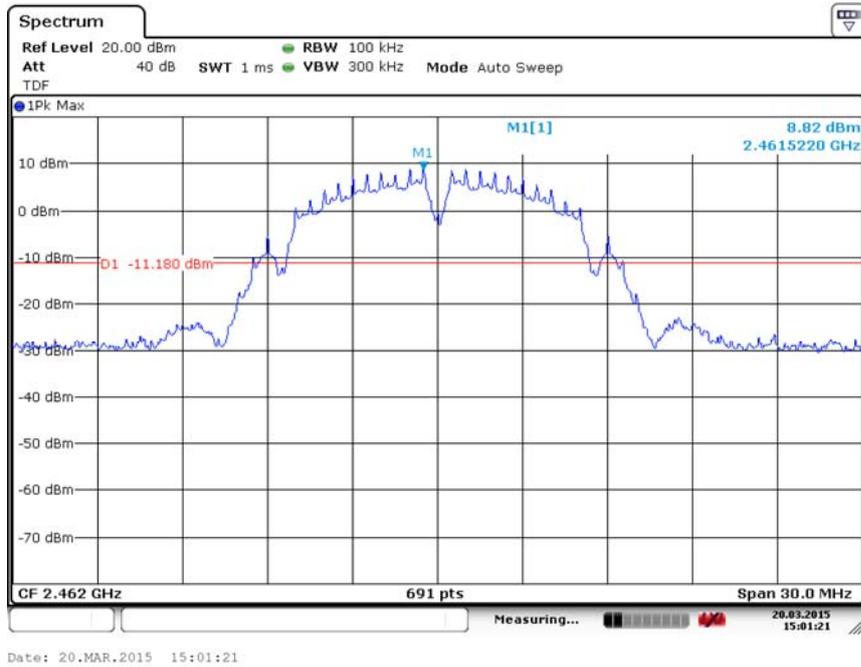


Fig.91 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)

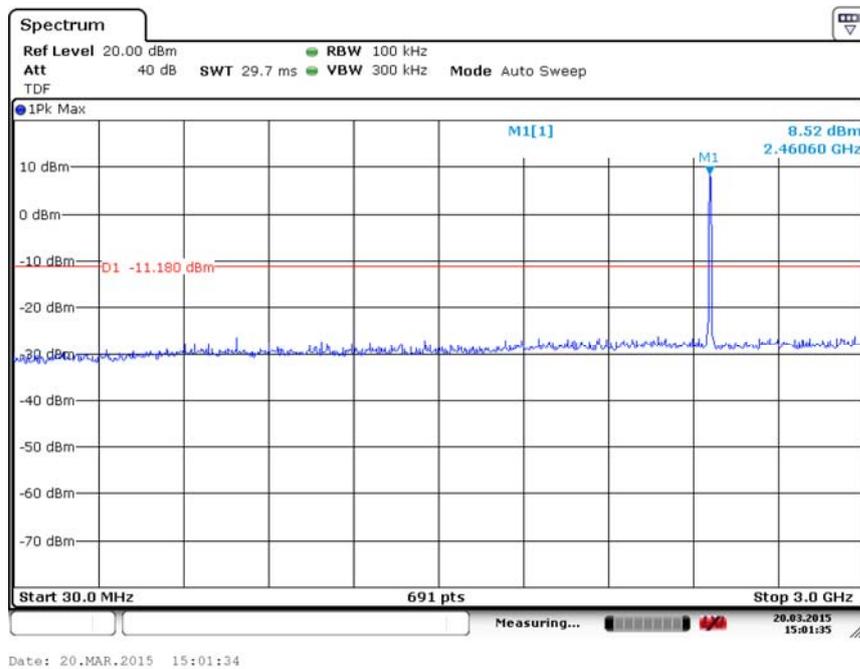


Fig.92 Conducted Spurious Emission (802.11b, Ch11, 30 MHz-3 GHz)

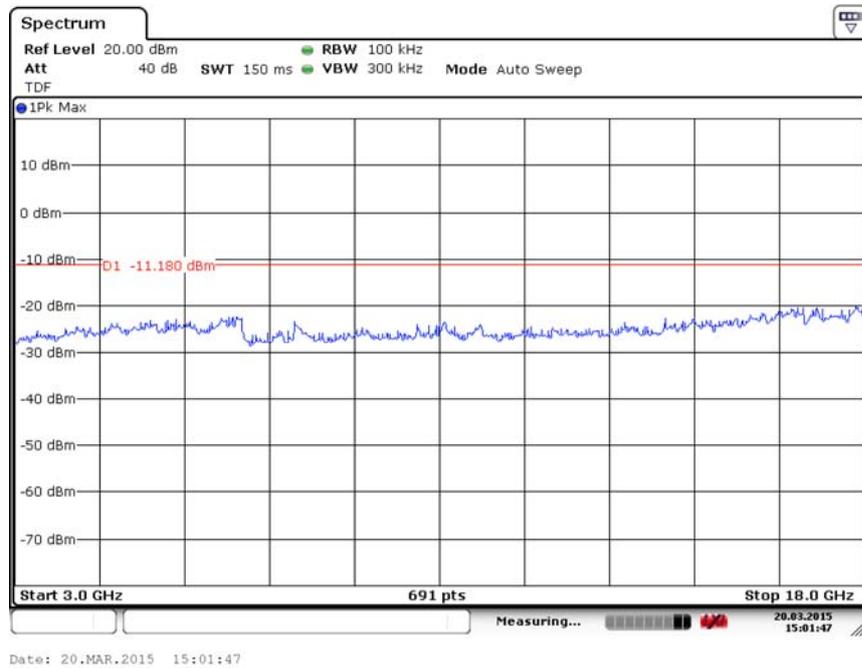


Fig.93 Conducted Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)

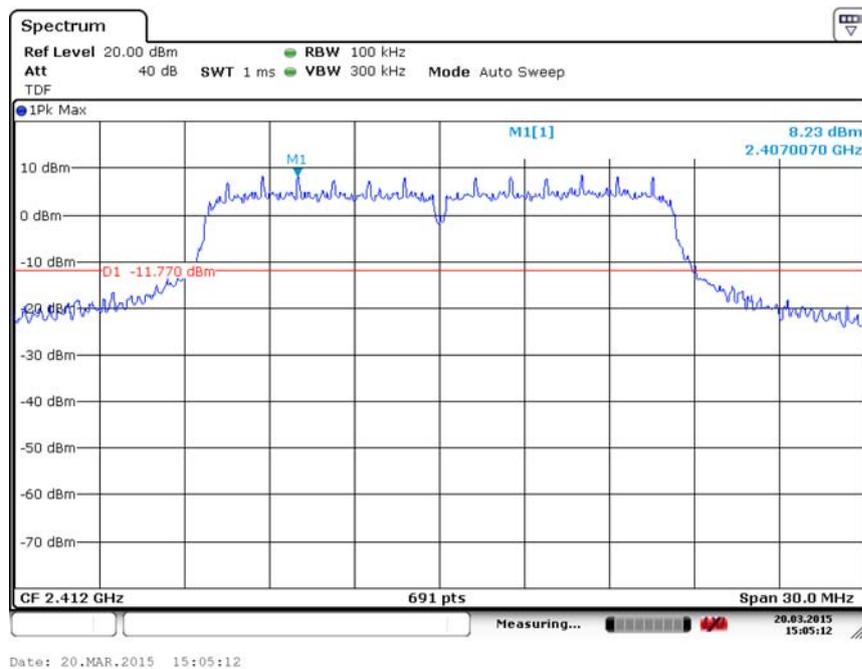


Fig.94 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)

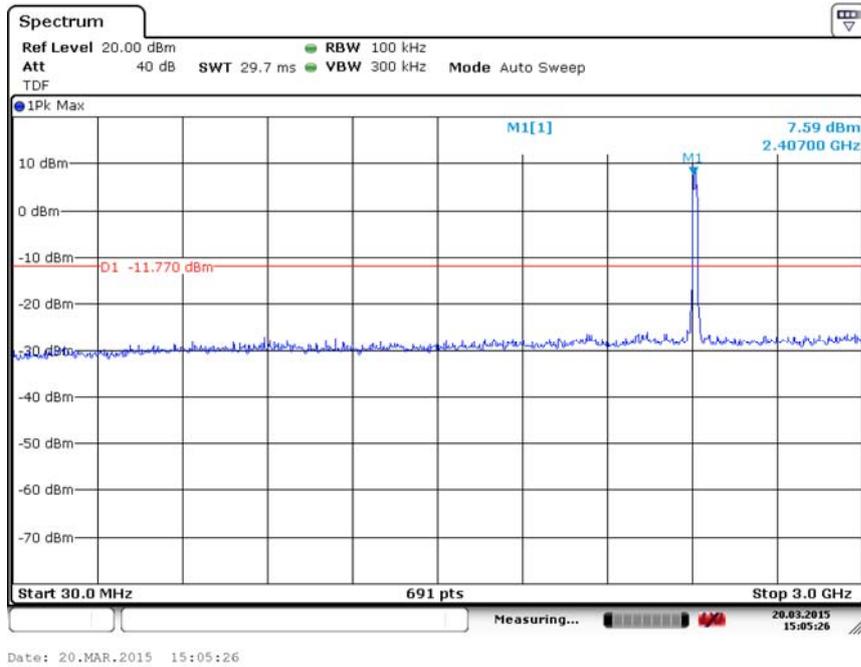


Fig.95 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-3 GHz)

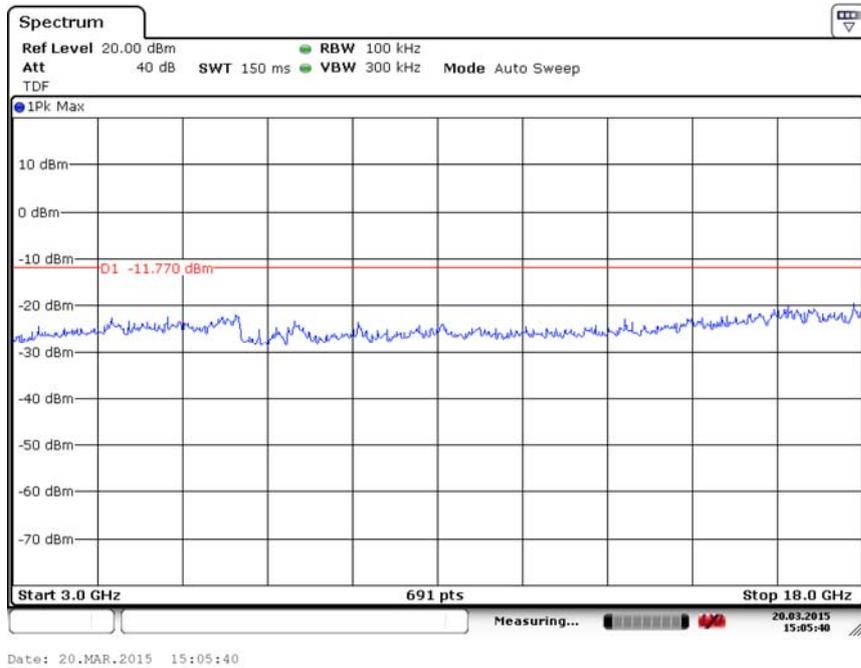


Fig.96 Conducted Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

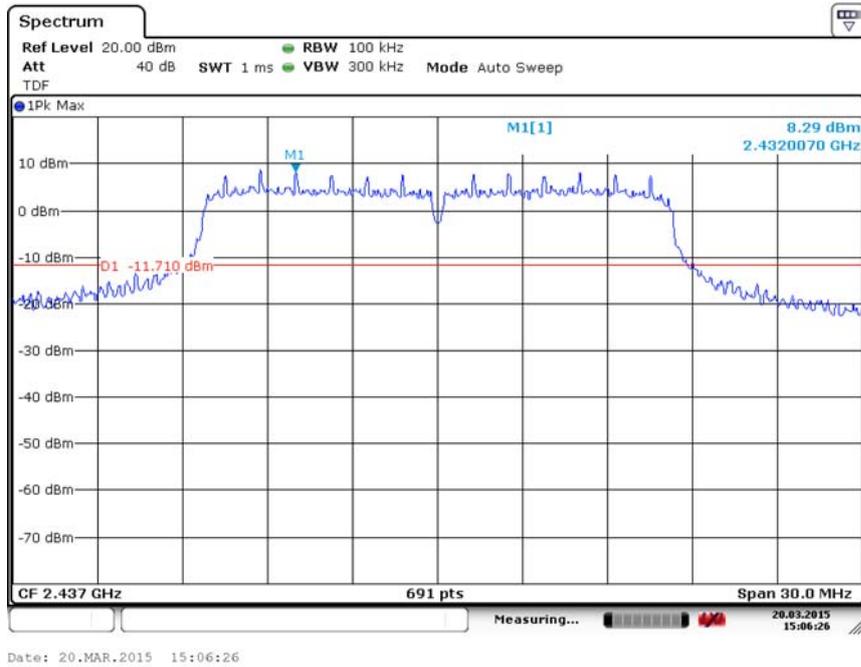


Fig.97 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)

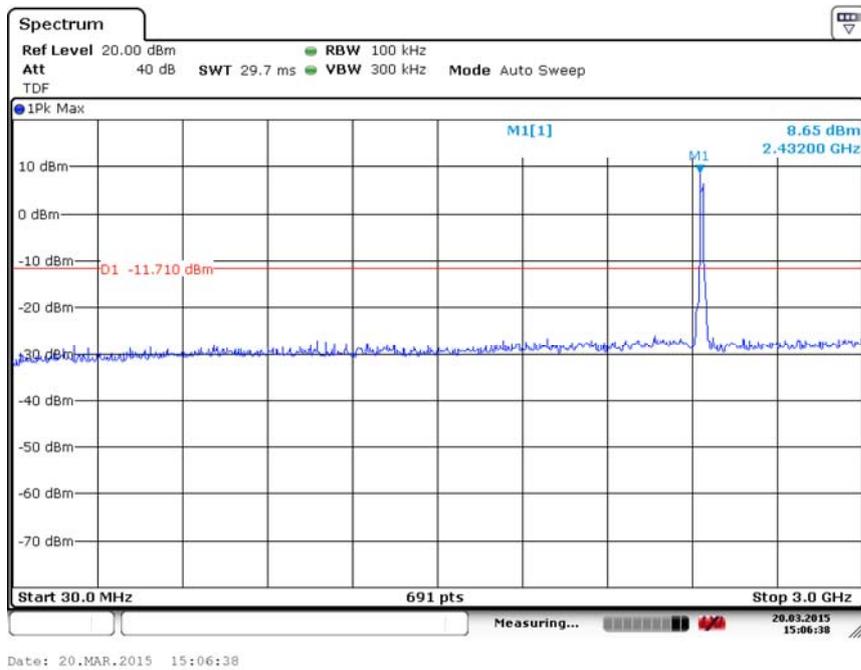


Fig.98 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-3 GHz)

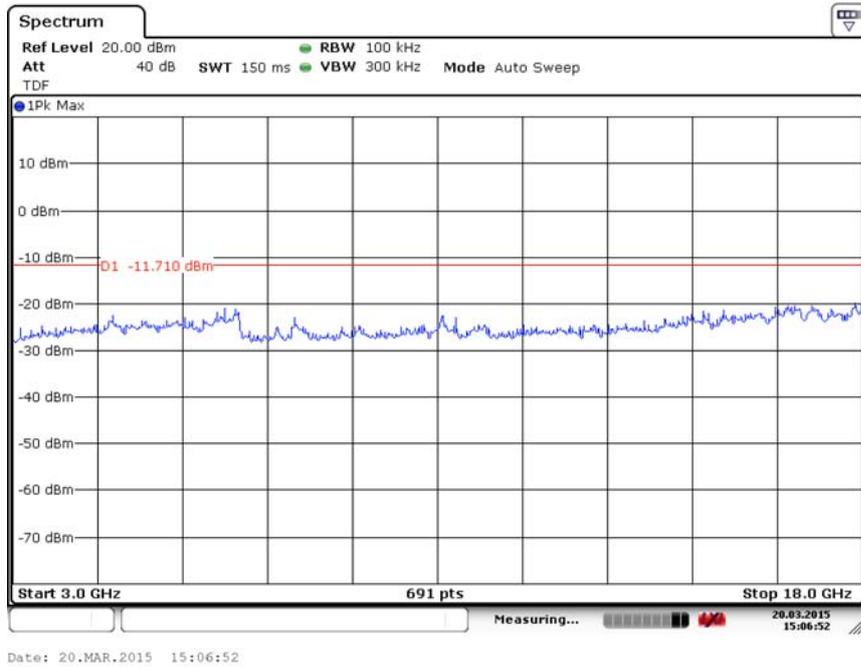


Fig.99 Conducted Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

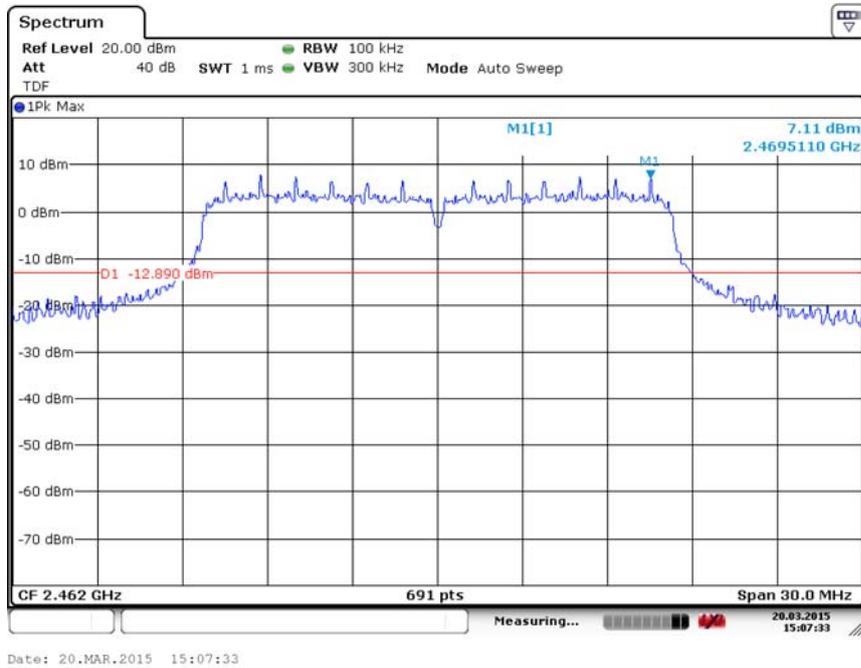


Fig.100 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

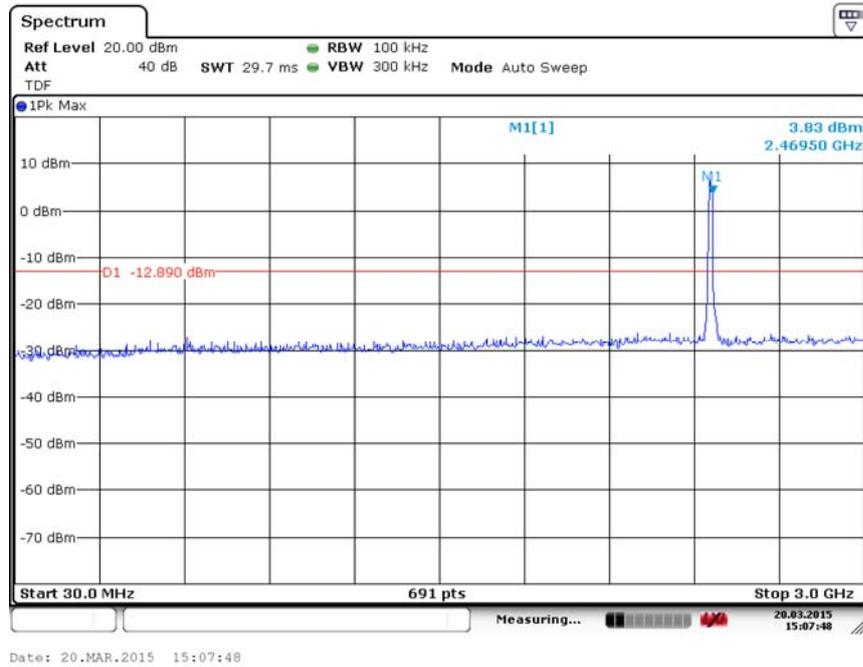


Fig.101 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-3 GHz)

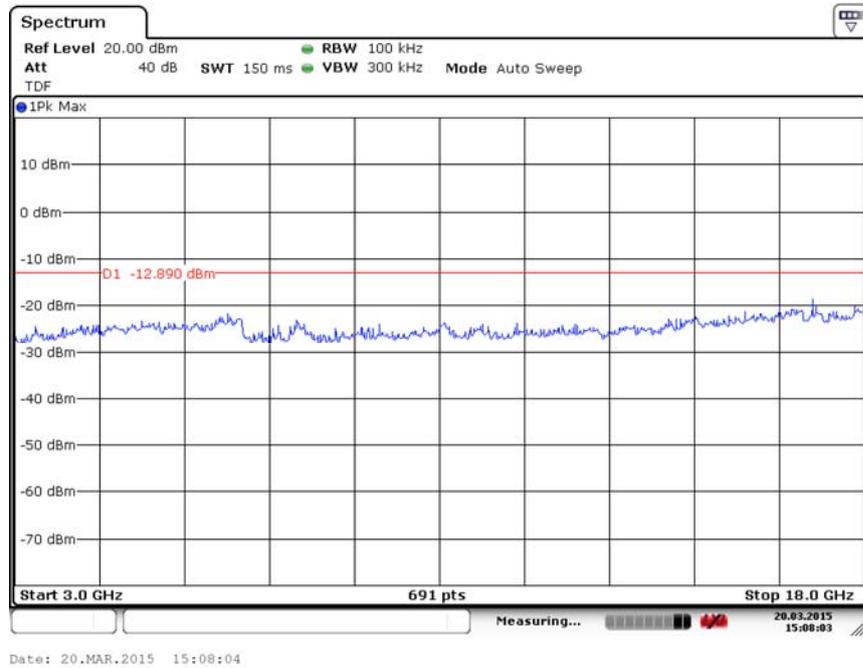


Fig.102 Conducted Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

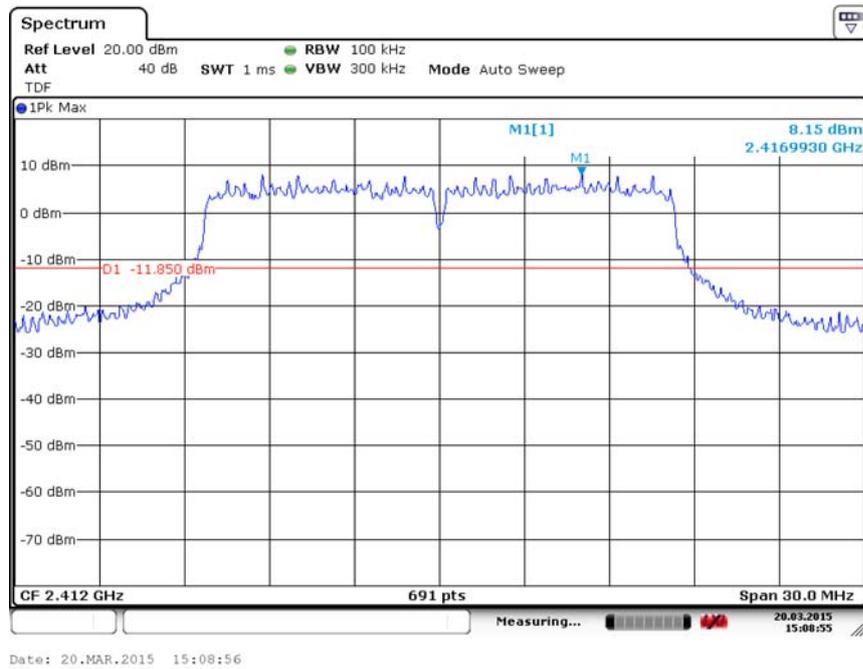


Fig.103 Conducted Spurious Emission (802.11n-20M, Ch1, Center Frequency)

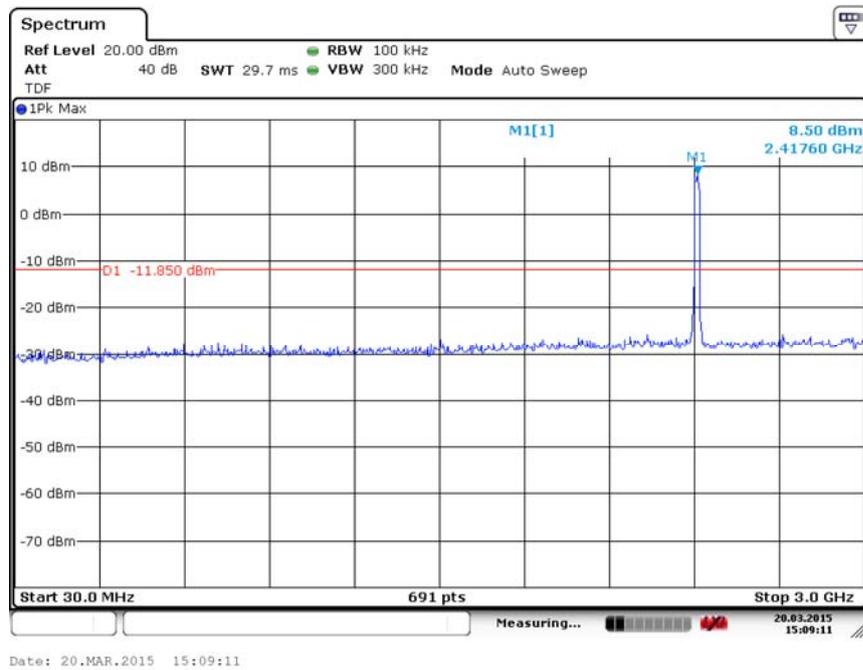


Fig.104 Conducted Spurious Emission (802.11n-20M, Ch1, 30 MHz-3 GHz)

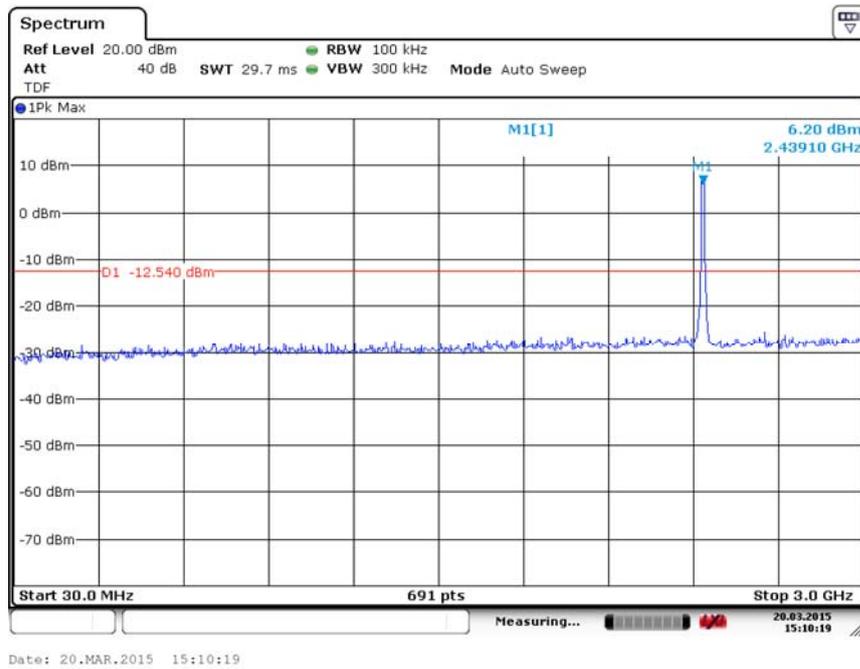


Fig.107 Conducted Spurious Emission (802.11n-20M, Ch6, 30 MHz-3 GHz)

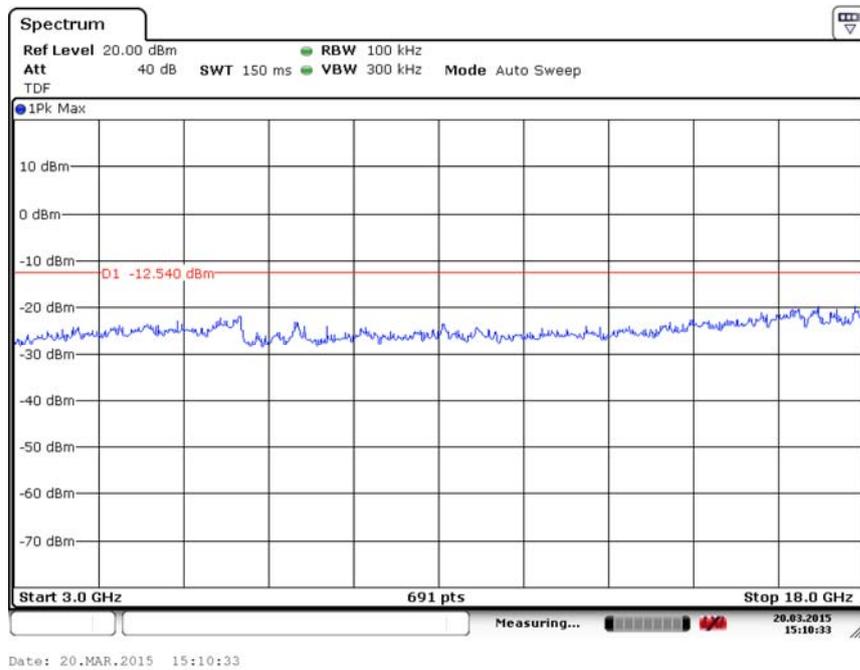


Fig.108 Conducted Spurious Emission (802.11n-20M, Ch6, 3 GHz-18 GHz)

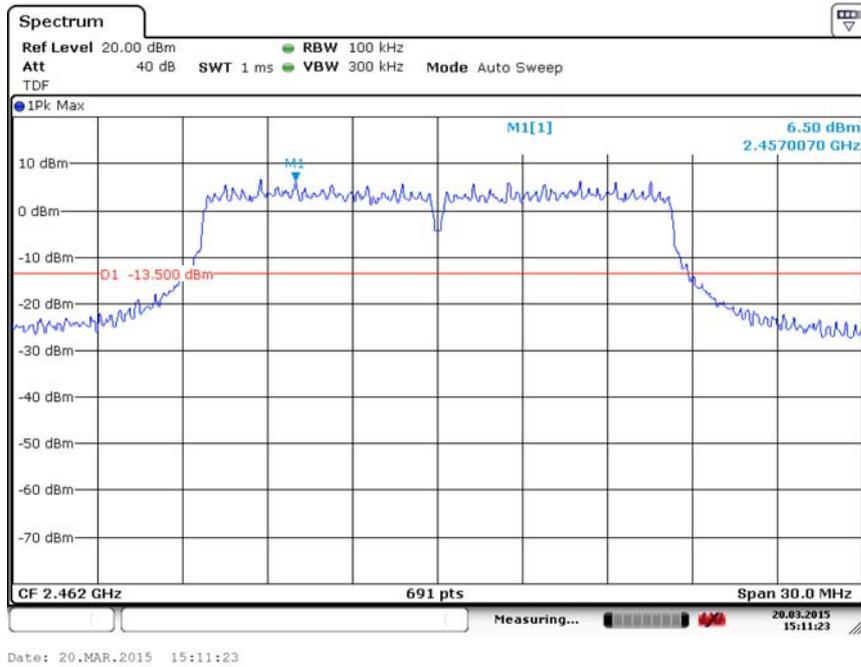


Fig.109 Conducted Spurious Emission (802.11n-20M, Ch11, Center Frequency)

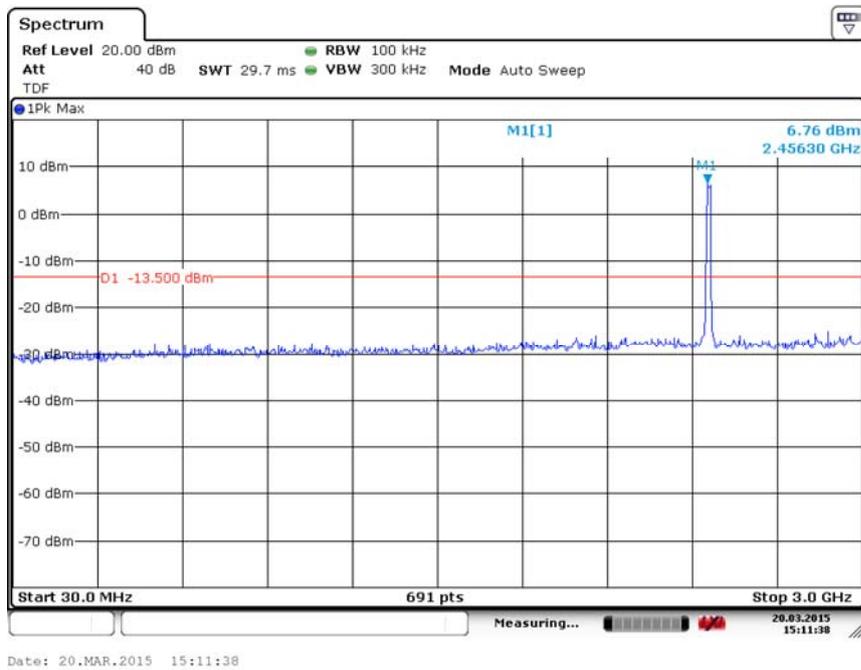


Fig.110 Conducted Spurious Emission (802.11n-20M, Ch11, 30 MHz-3 GHz)

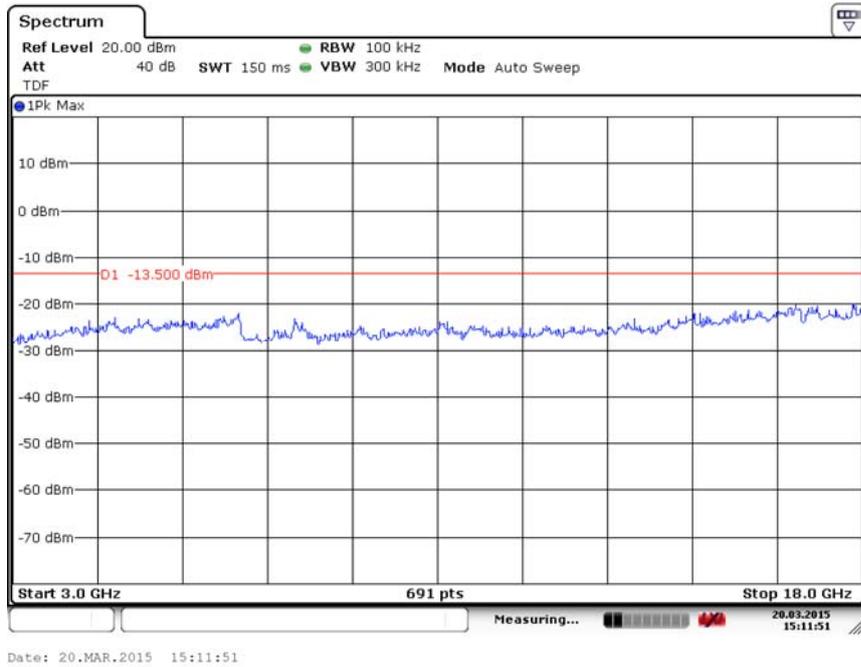


Fig.111 Conducted Spurious Emission (802.11n-20M, Ch11, 3 GHz-18 GHz)

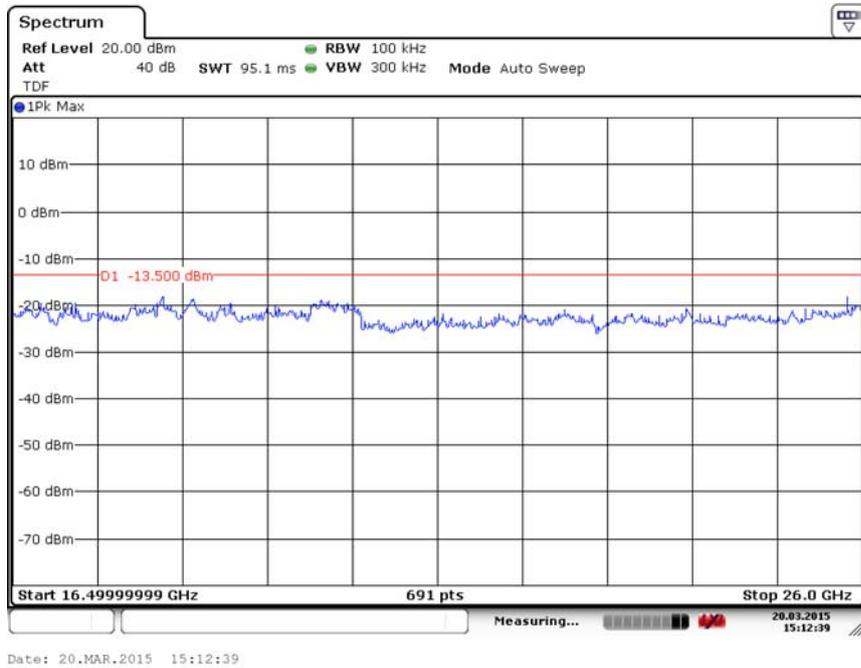


Fig.112 Conducted Spurious Emission (All channels, 18 GHz-26 GHz)

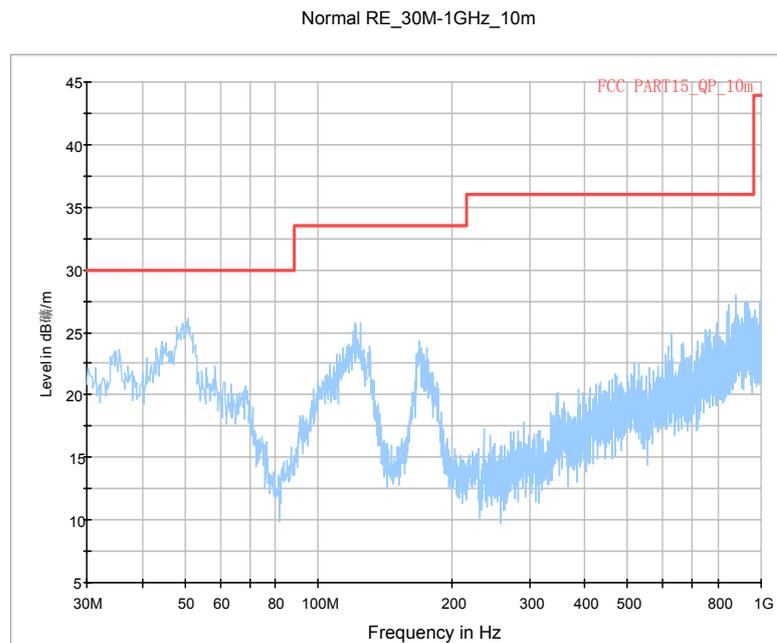


Fig.113 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE1)

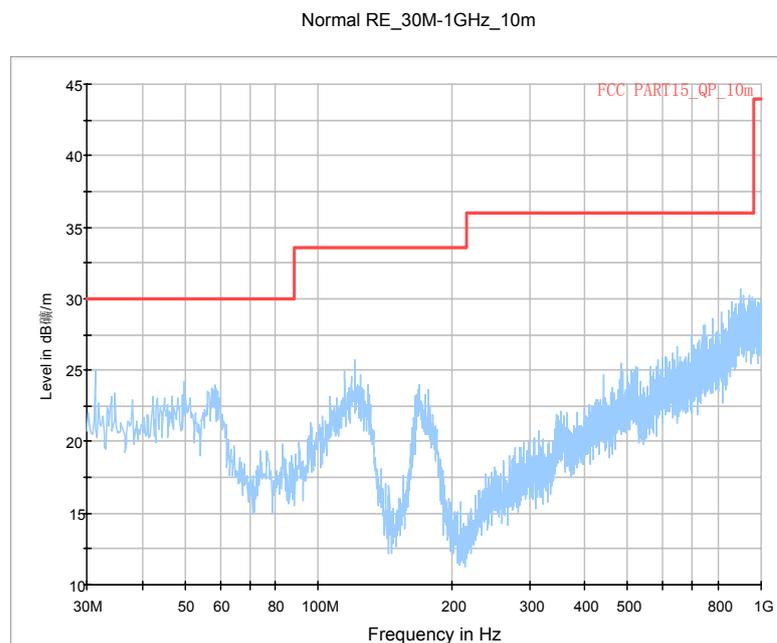


Fig.114 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE2)

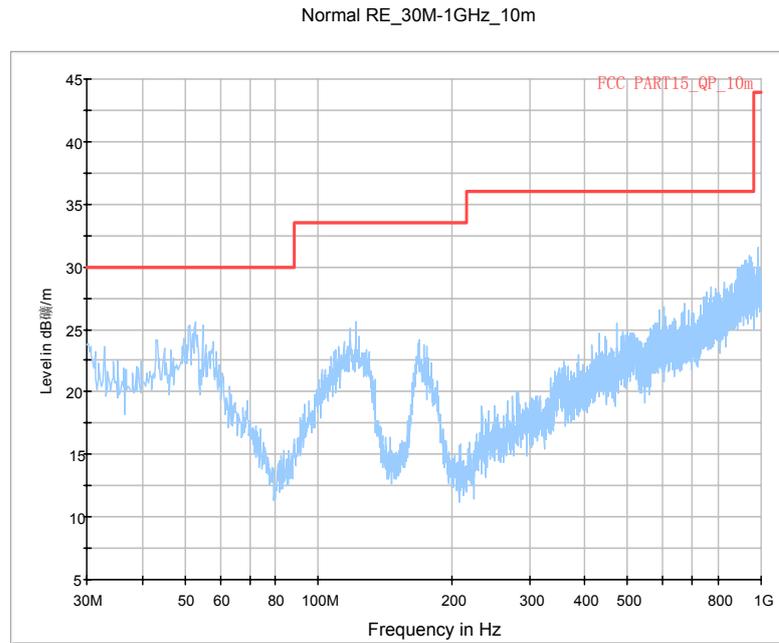


Fig.115 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE3)

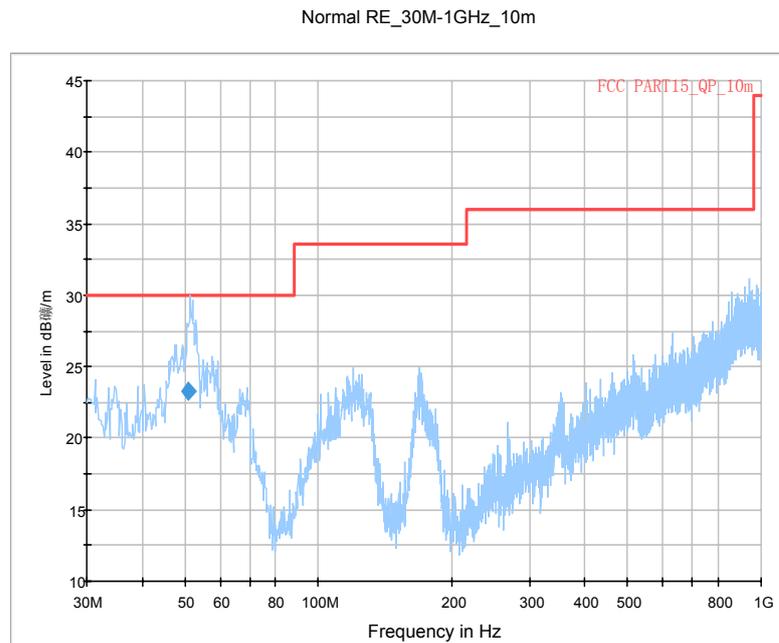


Fig.116 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE4)

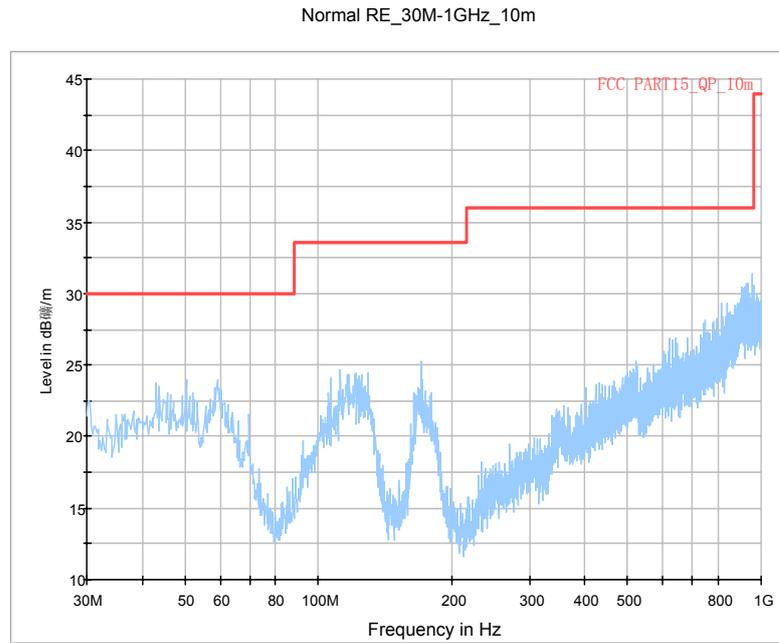


Fig.117 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE5)

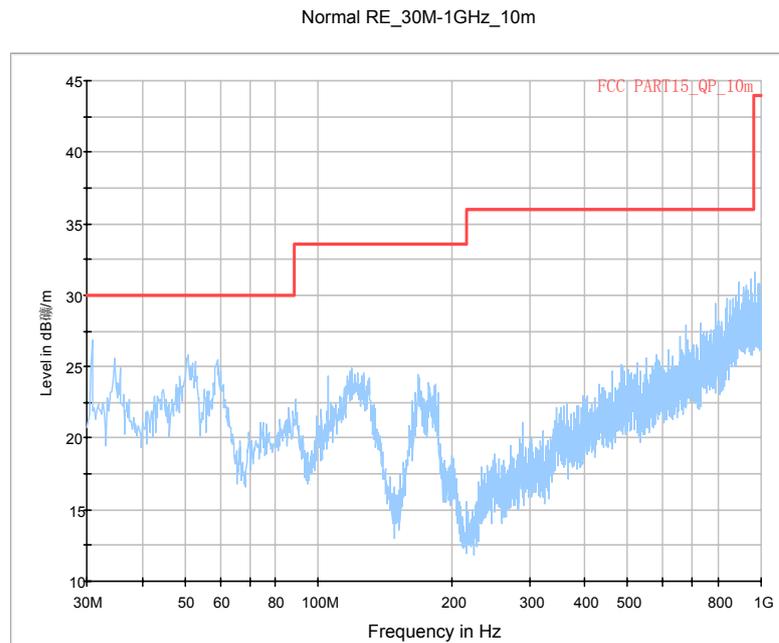


Fig.118 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE6)

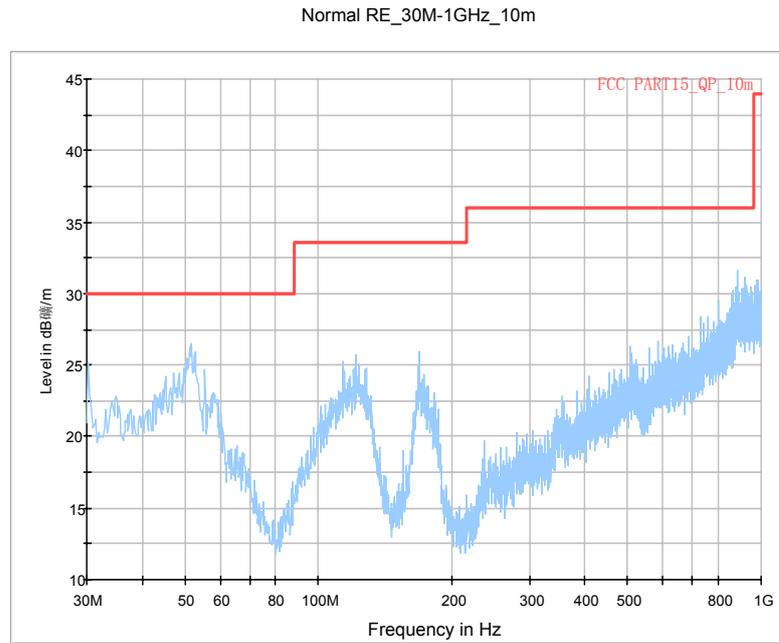


Fig.119 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE7)

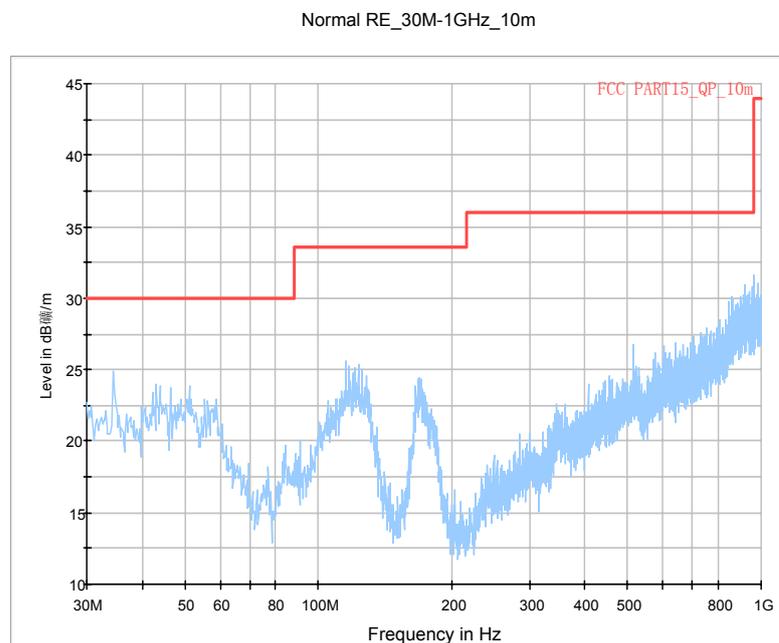


Fig.120 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE8)

Normal RE_30M-1GHz_10m

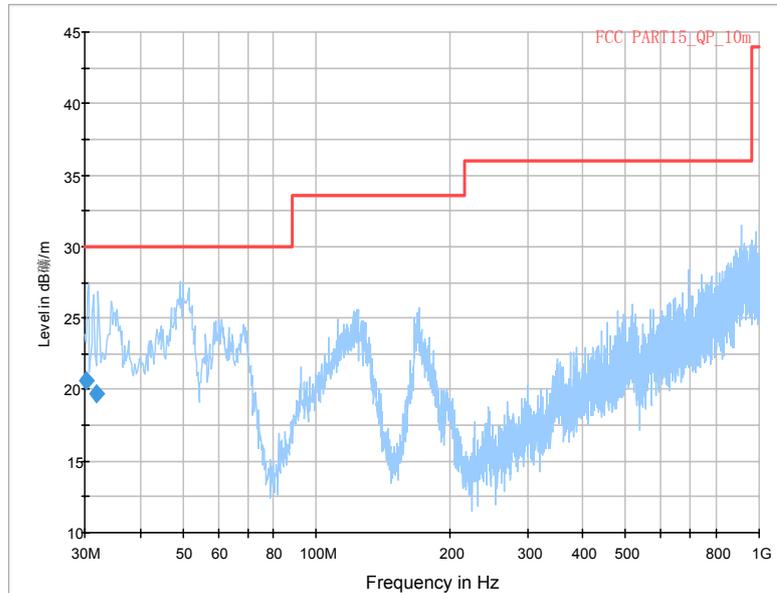


Fig.121 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE9)

Normal RE_30M-1GHz_10m

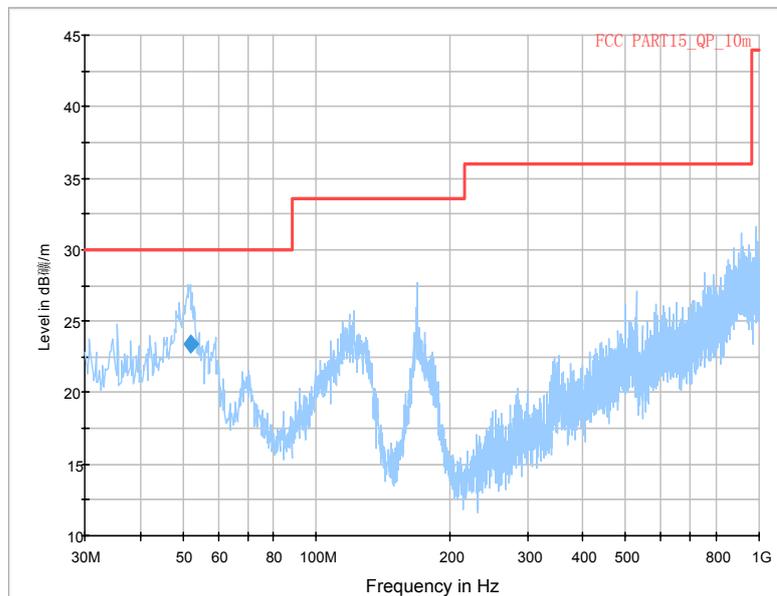


Fig.122 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE10)

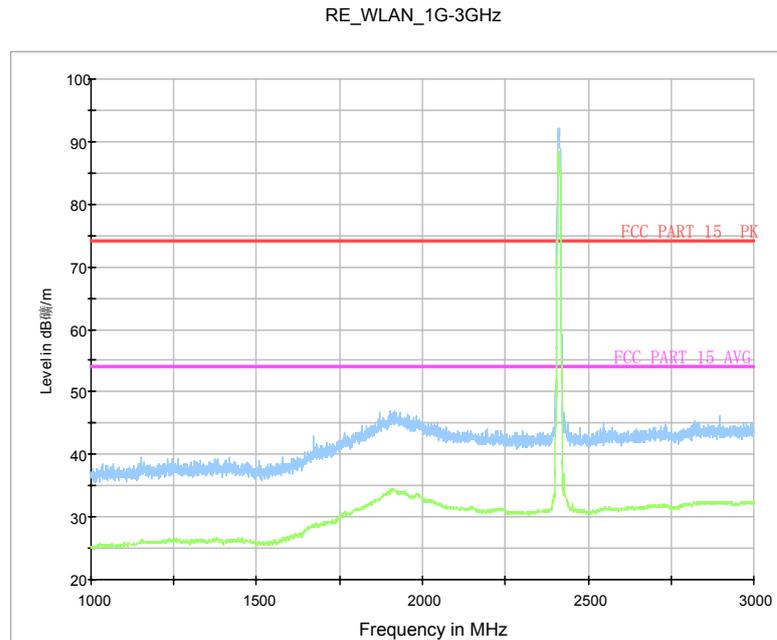


Fig.123 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-3GHz)

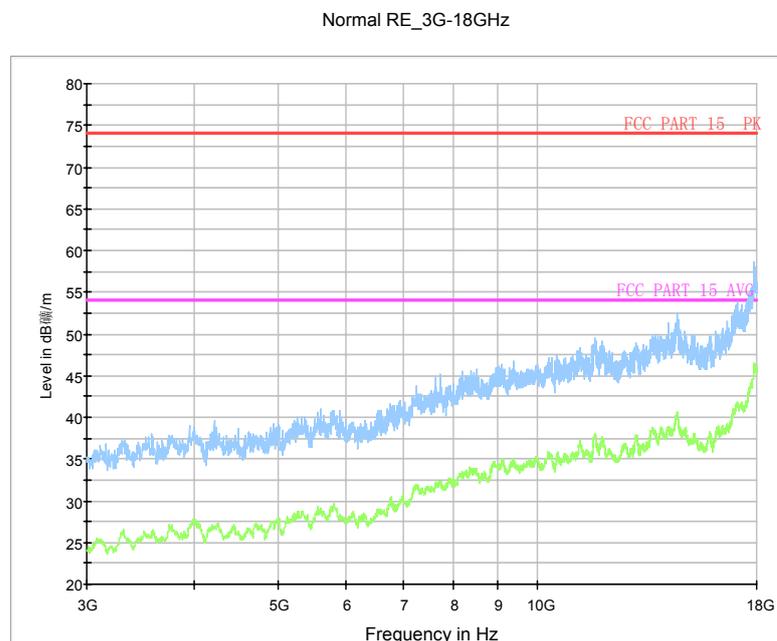


Fig.124 Radiated Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

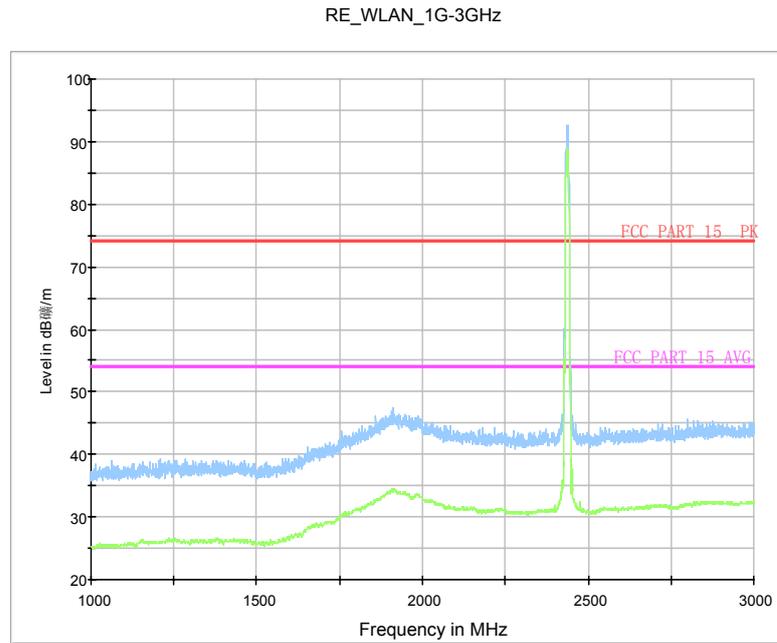


Fig.125 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-3GHz)

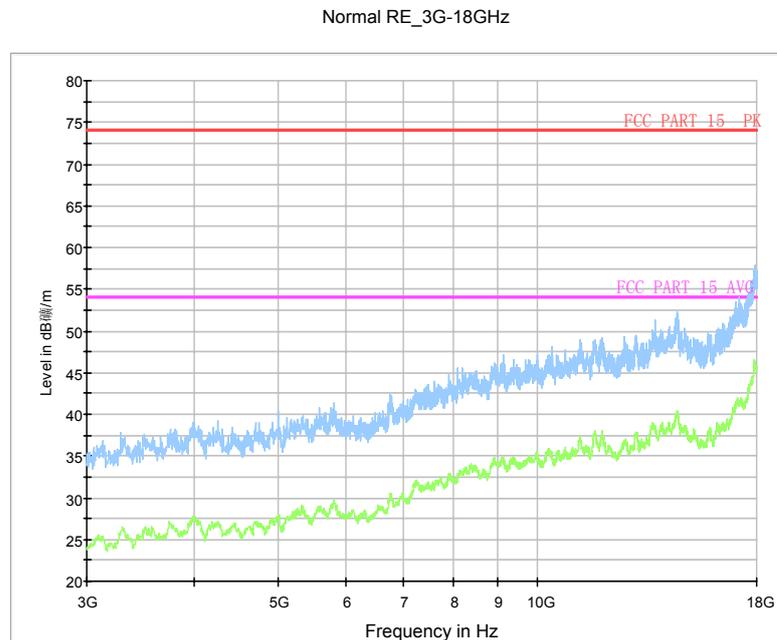


Fig.126 Radiated Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

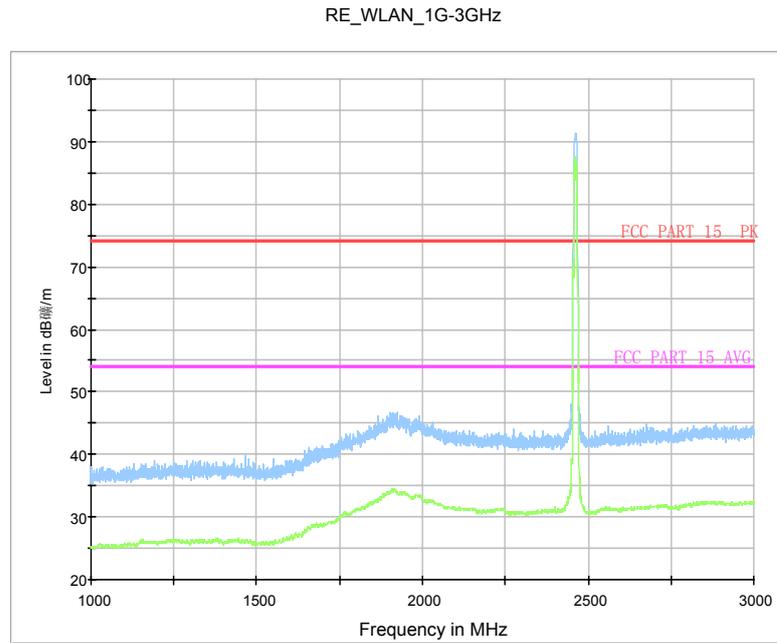


Fig.127 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-3GHz)

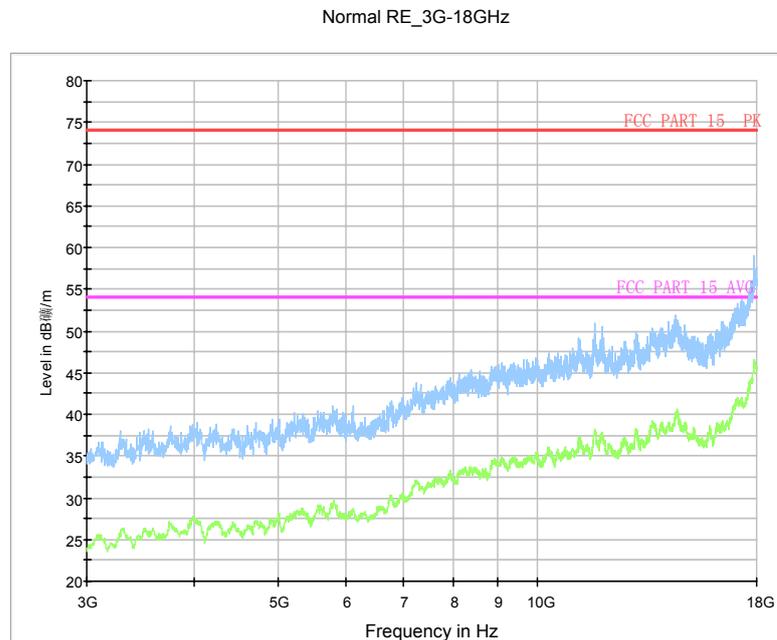


Fig.128 Radiated Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)

RE-Power_2.38G-2.43GHz

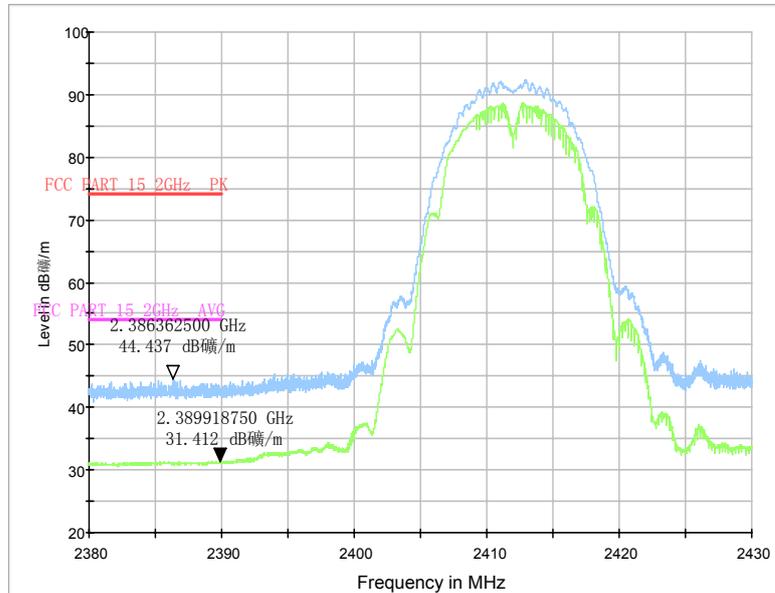


Fig.129 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)

RE-Power_2.45G-2.5GHz

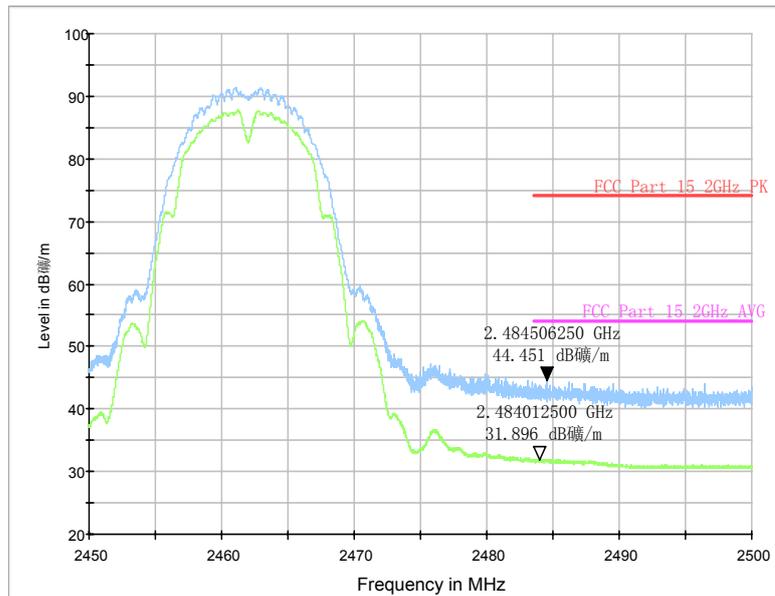


Fig.130 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)

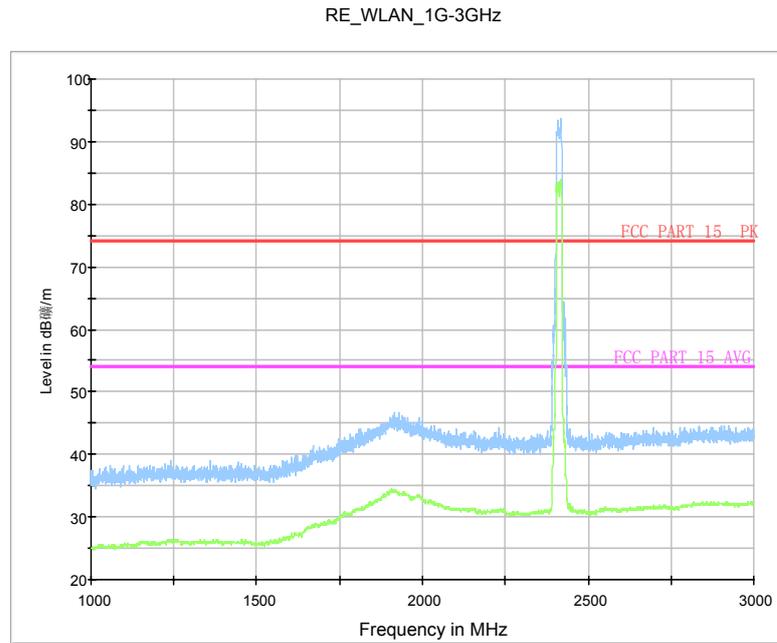


Fig.131 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-3 GHz)

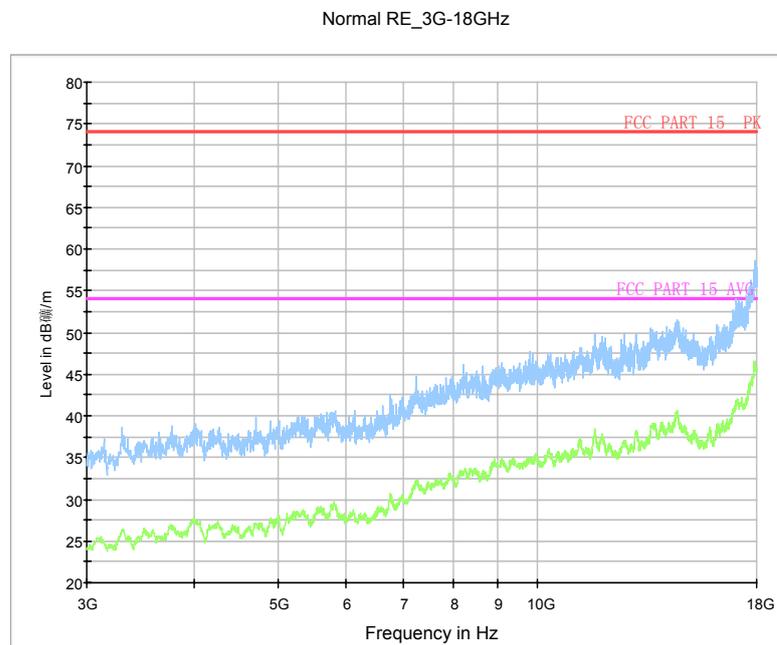


Fig.132 Radiated Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

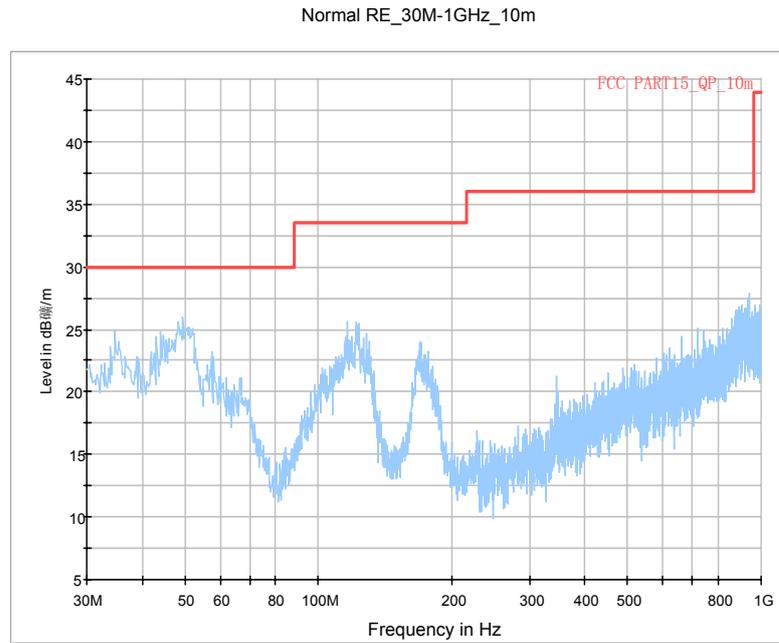


Fig.133 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)

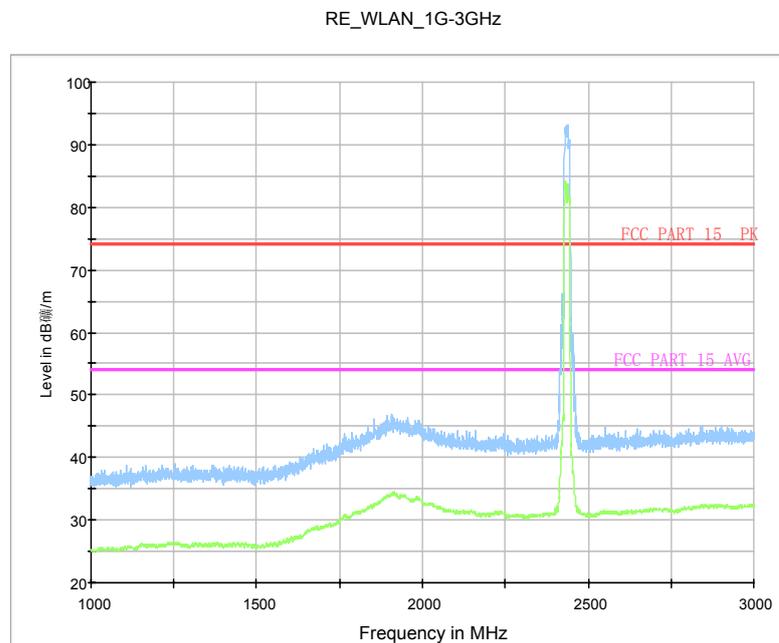


Fig.134 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-3 GHz)

Normal RE_3G-18GHz

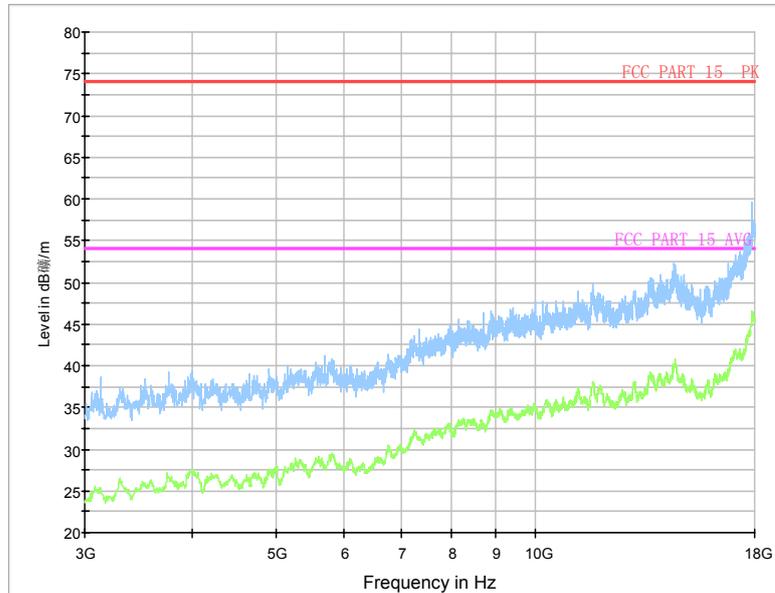


Fig.135 Radiated Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

RE_WLAN_1G-3GHz

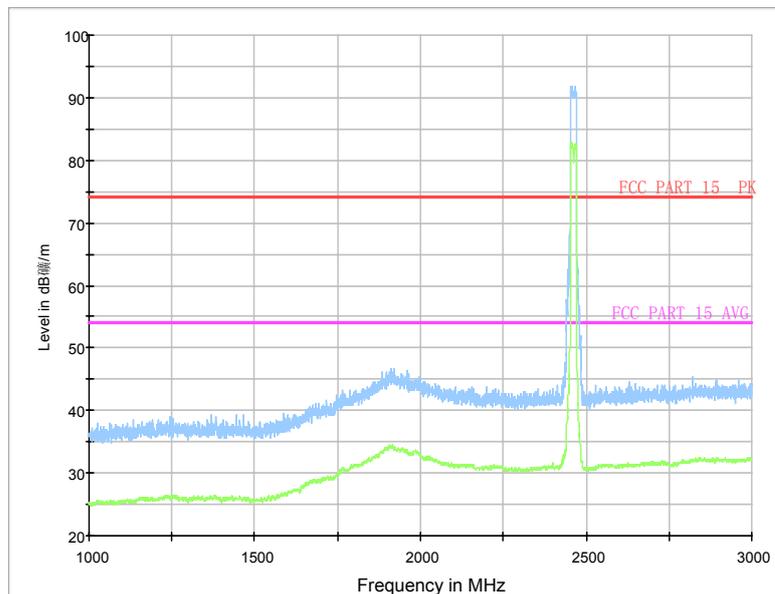


Fig.136 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-3 GHz)

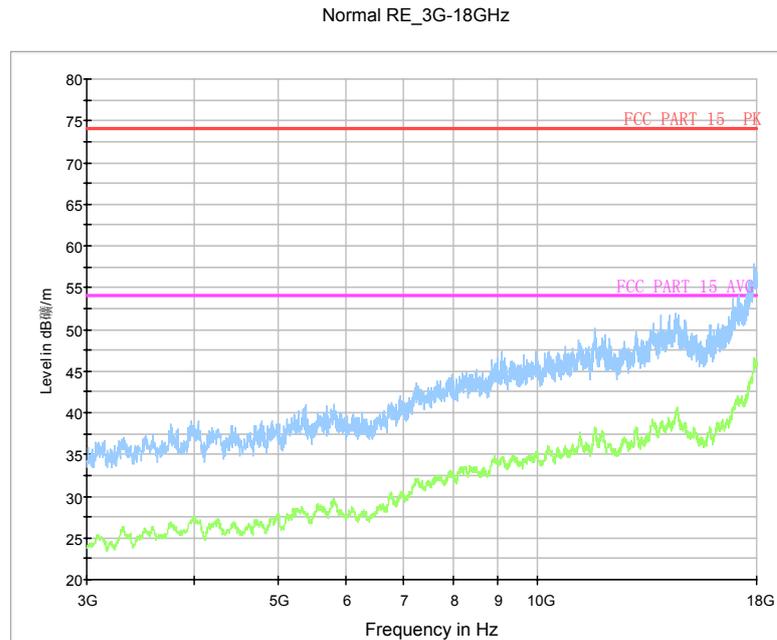


Fig.137 Radiated Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

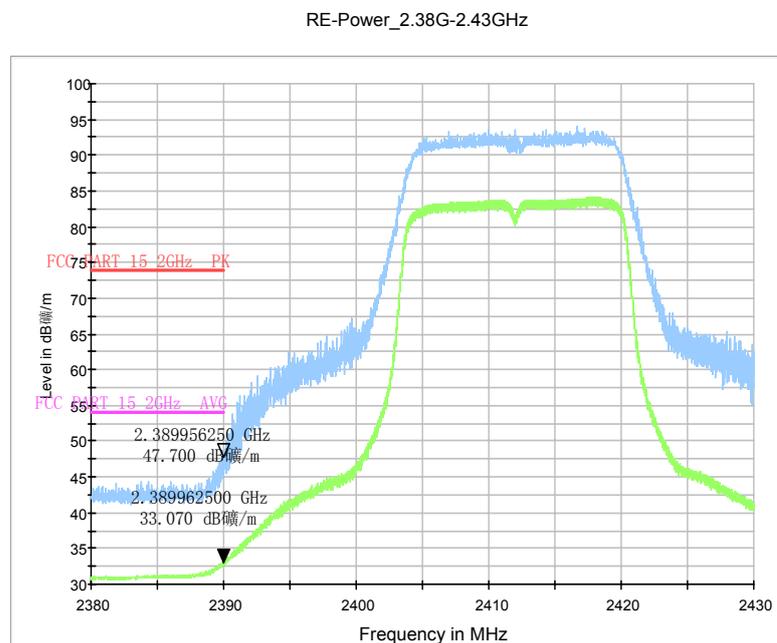


Fig.138 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)

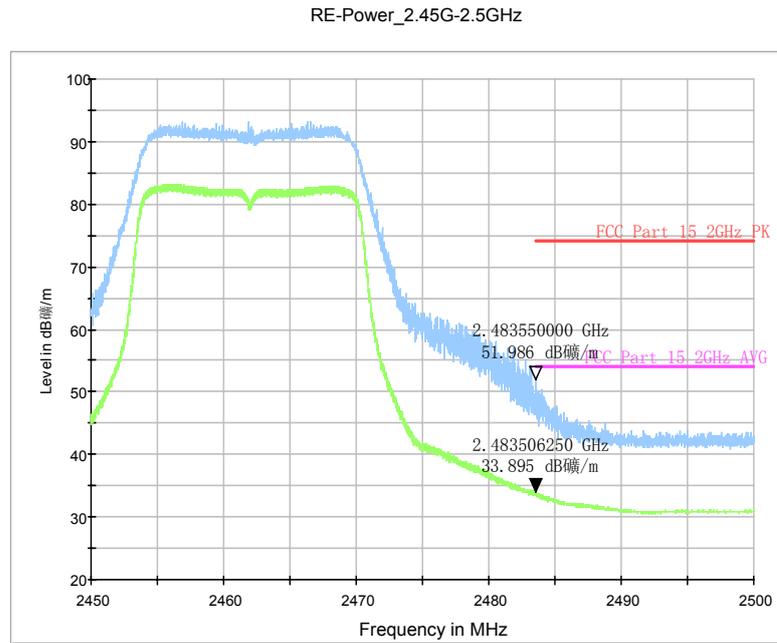


Fig.139 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)

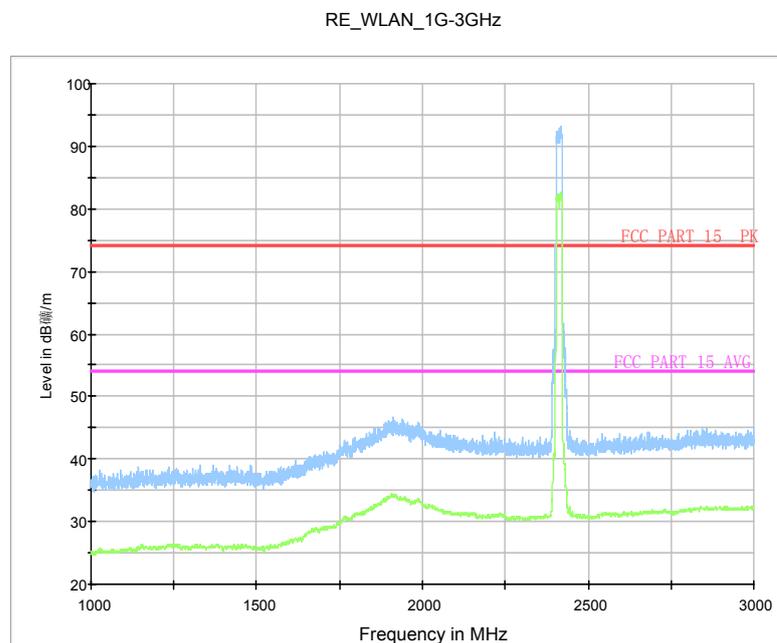


Fig.140 Radiated Spurious Emission (802.11n-20M, Ch1, 1 GHz-3 GHz)

Normal RE_3G-18GHz

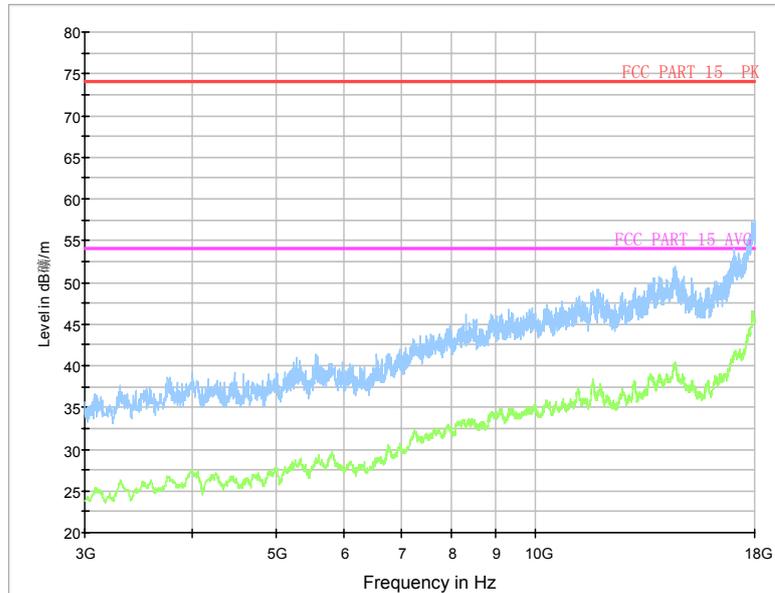


Fig.141 Radiated Spurious Emission (802.11n-20M, Ch1, 3 GHz-18 GHz)

Normal RE_30M-1GHz_10m

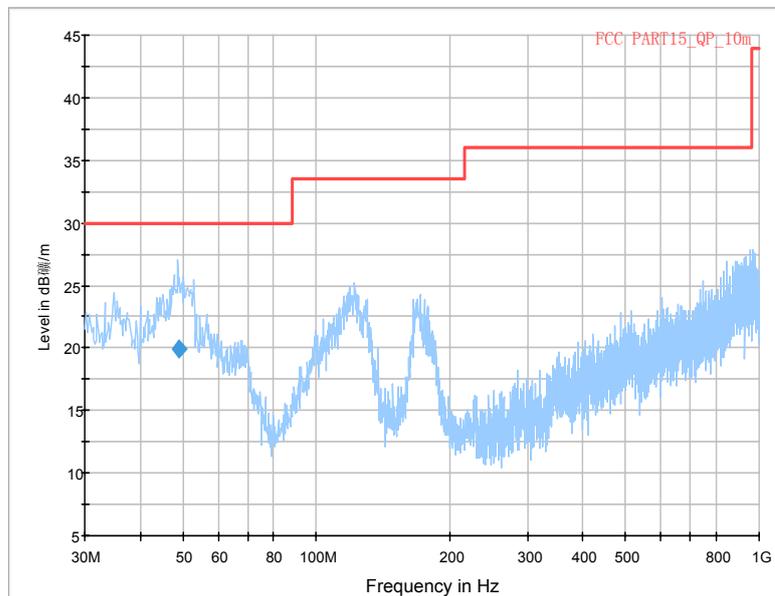


Fig.142 Radiated Spurious Emission (802.11n-20M, Ch6, 30MHz-1 GHz)

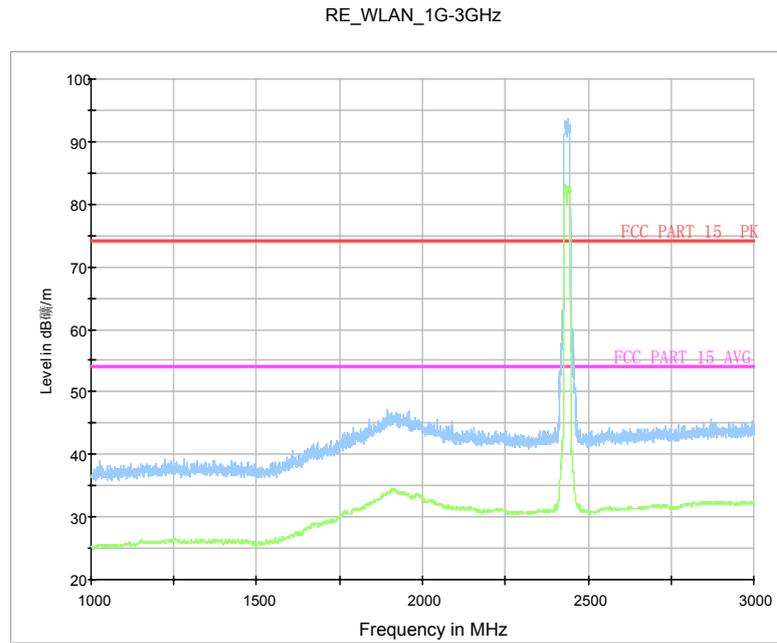


Fig.143 Radiated Spurious Emission (802.11n-20M, Ch6, 1 GHz-3 GHz)

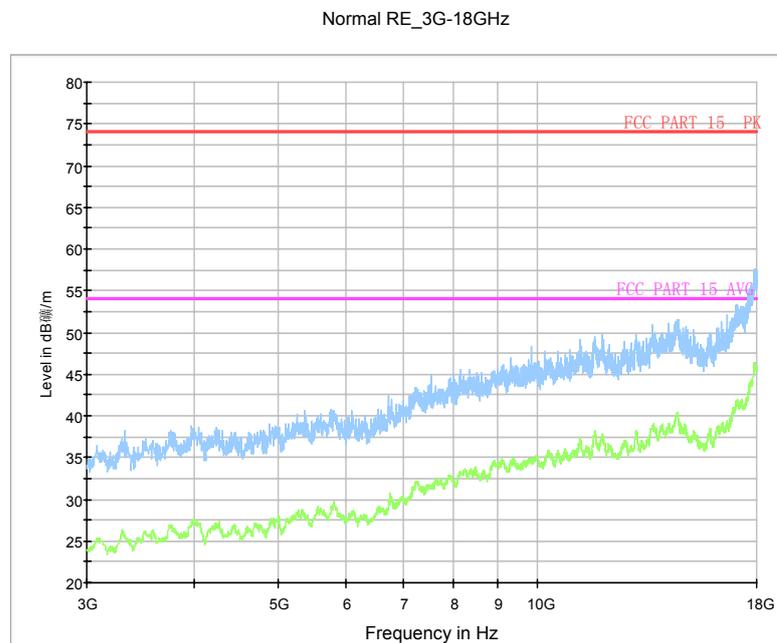


Fig.144 Radiated Spurious Emission (802.11n-20M, Ch6, 3 GHz-18 GHz)

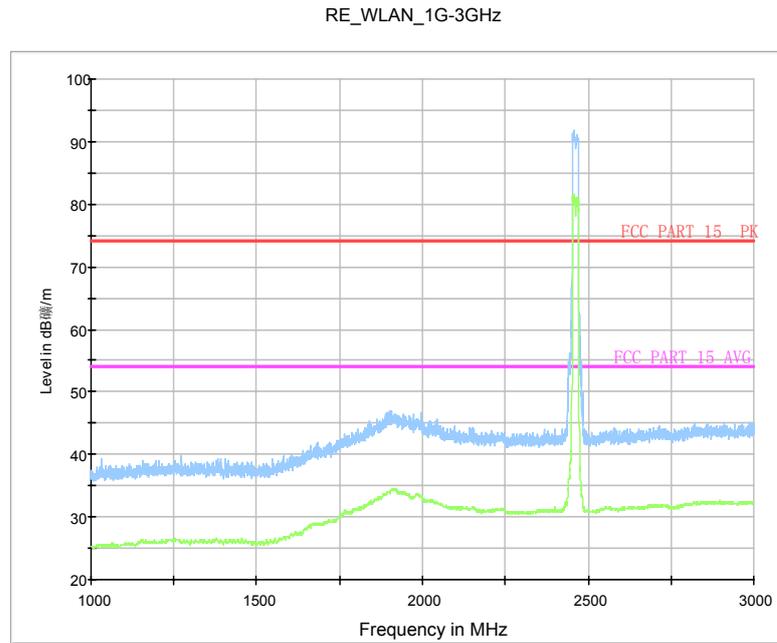


Fig.145 Radiated Spurious Emission (802.11n-20M, Ch11, 1 GHz-3 GHz)

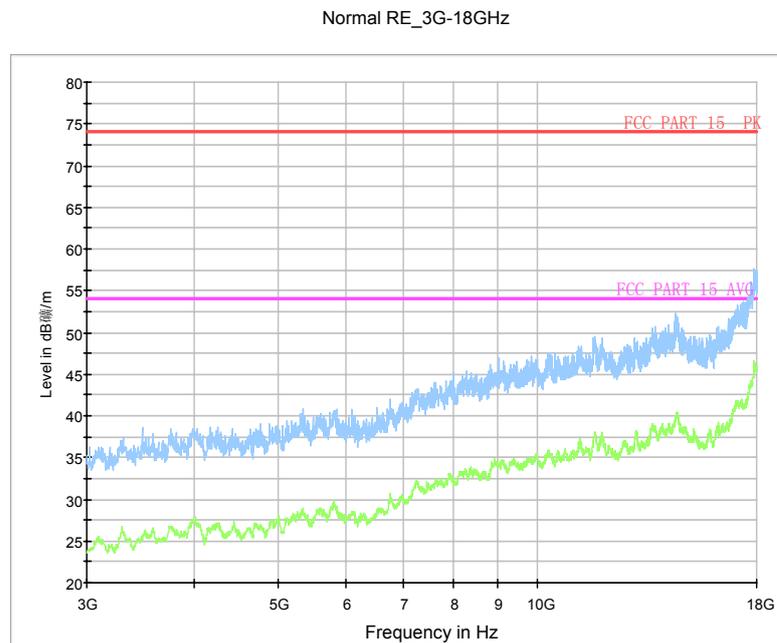


Fig.146 Radiated Spurious Emission (802.11n-20M, Ch11, 3 GHz-18 GHz)

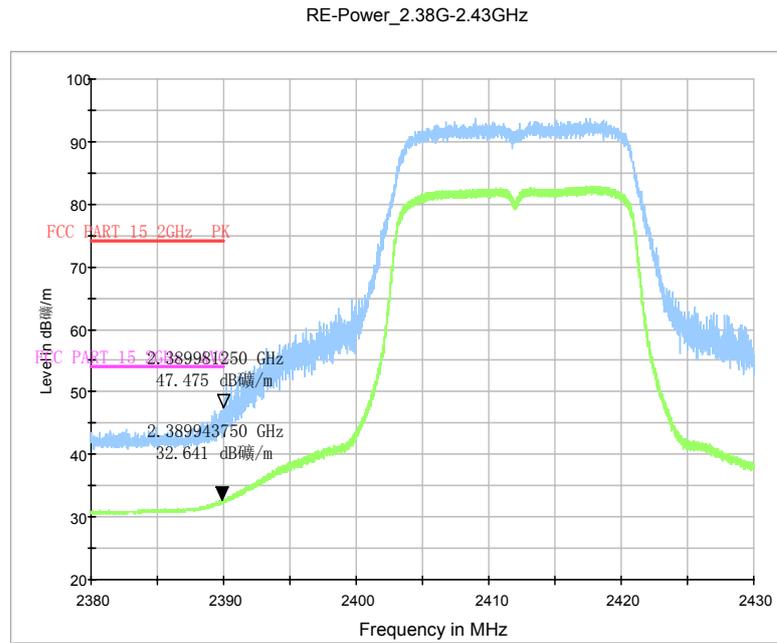


Fig.147 Radiated Emission Power (802.11n-20M, Ch1, 2380GHz~2450GHz)

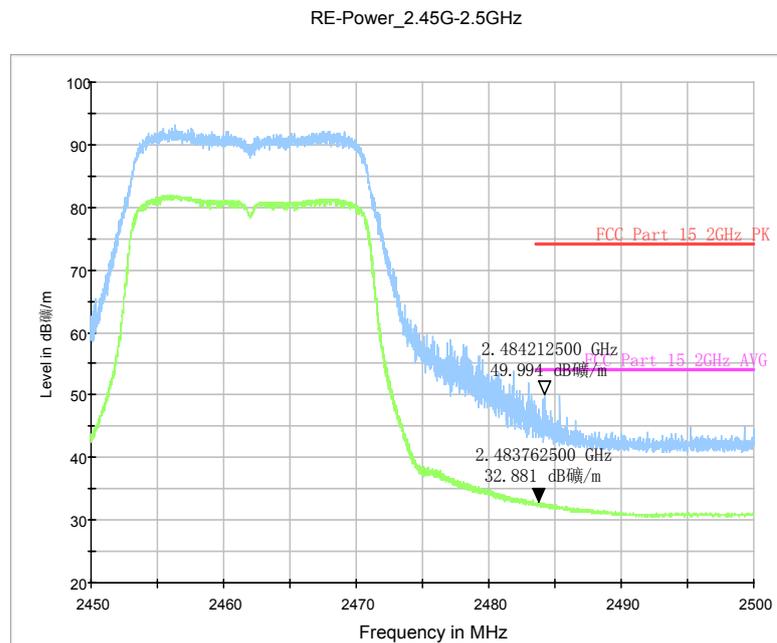


Fig.148 Radiated Emission Power (802.11n-20M, Ch11, 2450GHz~2500GHz)

Normal RE_18G-26.5GHz

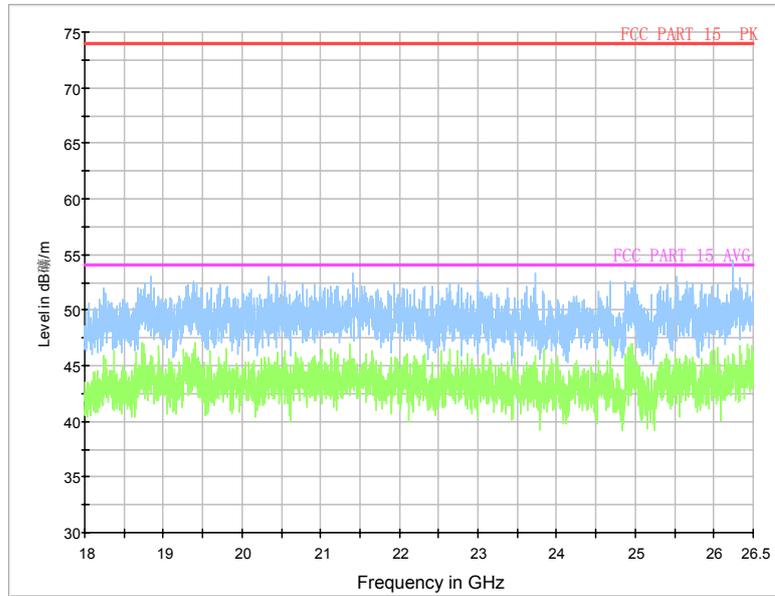


Fig.149 Radiated emission: 18 GHz – 26.5 GHz

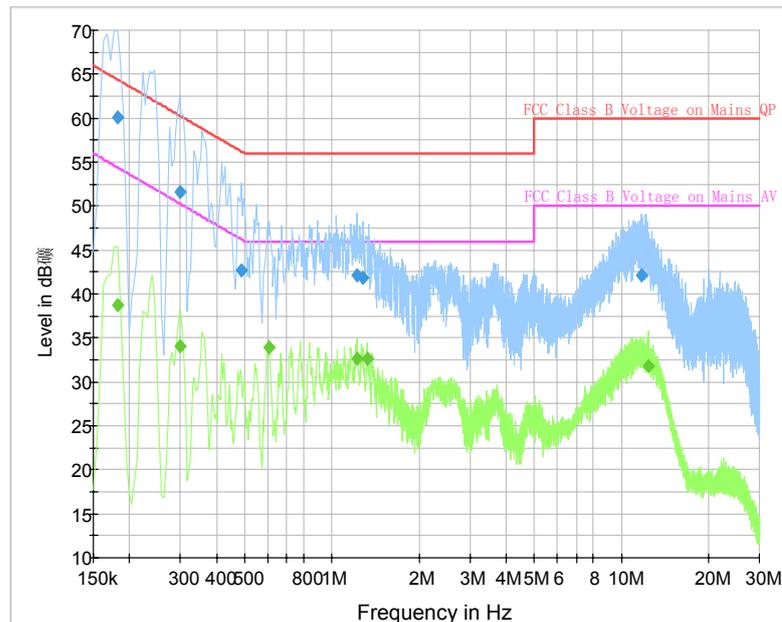


Fig.150 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.181500	60.1	2000.0	9.000	On	L1	19.7	4.3	64.4
0.298500	51.7	2000.0	9.000	On	L1	19.8	8.6	60.3
0.487500	42.7	2000.0	9.000	On	L1	19.8	13.6	56.2
1.216500	42.1	2000.0	9.000	On	L1	19.7	13.9	56.0
1.275000	41.8	2000.0	9.000	On	L1	19.7	14.2	56.0
11.697000	42.1	2000.0	9.000	On	L1	19.8	17.9	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.181500	38.7	2000.0	9.000	On	L1	19.7	15.7	54.4
0.298500	34.0	2000.0	9.000	On	L1	19.8	16.3	50.3
0.609000	33.9	2000.0	9.000	On	L1	19.8	12.1	46.0
1.216500	32.6	2000.0	9.000	On	L1	19.7	13.4	46.0
1.324500	32.6	2000.0	9.000	On	L1	19.6	13.4	46.0
12.385500	31.7	2000.0	9.000	On	L1	19.9	18.3	50.0

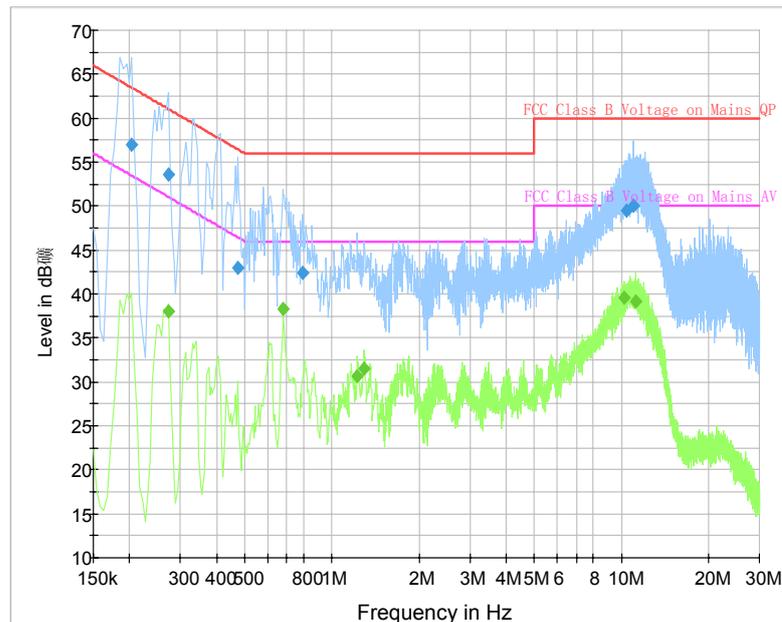


Fig.151 AC Powerline Conducted Emission (Traffic, AE2)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.204000	57.0	2000.0	9.000	On	L1	19.8	6.5	63.4
0.271500	53.6	2000.0	9.000	On	N	19.8	7.4	61.1
0.474000	43.0	2000.0	9.000	On	L1	19.8	13.4	56.4
0.793500	42.3	2000.0	9.000	On	L1	19.8	13.7	56.0
10.392000	49.5	2000.0	9.000	On	L1	19.8	10.5	60.0
10.963500	50.0	2000.0	9.000	On	L1	19.8	10.0	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.271500	38.0	2000.0	9.000	On	N	19.8	13.1	51.1
0.681000	38.3	2000.0	9.000	On	N	19.8	7.7	46.0
1.225500	30.6	2000.0	9.000	On	L1	19.7	15.4	46.0
1.293000	31.5	2000.0	9.000	On	L1	19.6	14.5	46.0
10.203000	39.6	2000.0	9.000	On	L1	19.8	10.4	50.0
11.242500	39.1	2000.0	9.000	On	L1	19.9	10.9	50.0

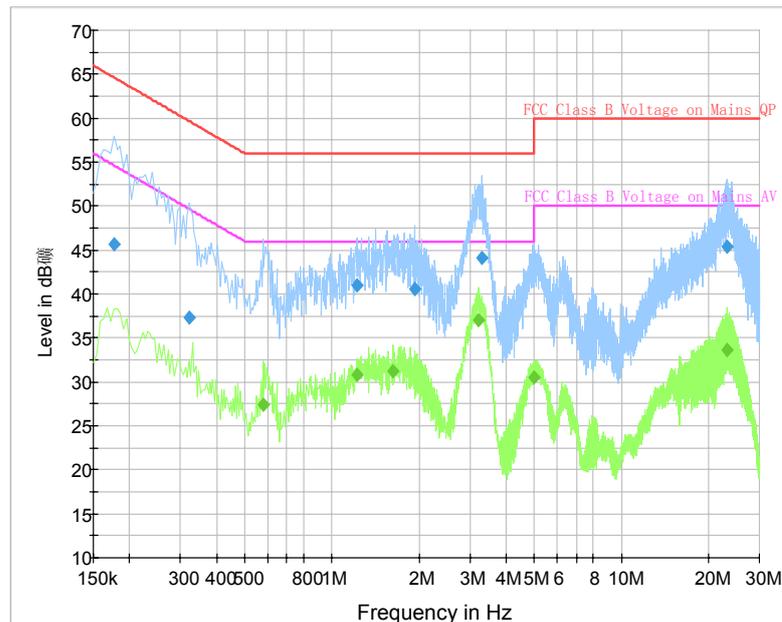


Fig.152 AC Powerline Conducted Emission (Traffic, AE3)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.177000	45.6	2000.0	9.000	On	L1	19.7	19.0	64.6
0.321000	37.3	2000.0	9.000	On	L1	19.8	22.4	59.7
1.221000	41.0	2000.0	9.000	On	L1	19.7	15.0	56.0
1.927500	40.6	2000.0	9.000	On	L1	19.6	15.4	56.0
3.295500	44.1	2000.0	9.000	On	L1	19.6	11.9	56.0
23.167500	45.4	2000.0	9.000	On	L1	20.1	14.6	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.577500	27.4	2000.0	9.000	On	L1	19.8	18.6	46.0
1.221000	30.9	2000.0	9.000	On	L1	19.7	15.1	46.0
1.630500	31.2	2000.0	9.000	On	L1	19.7	14.8	46.0
3.223500	37.1	2000.0	9.000	On	L1	19.7	8.9	46.0
4.992000	30.5	2000.0	9.000	On	L1	19.6	15.5	46.0
23.244000	33.6	2000.0	9.000	On	L1	20.0	16.4	50.0

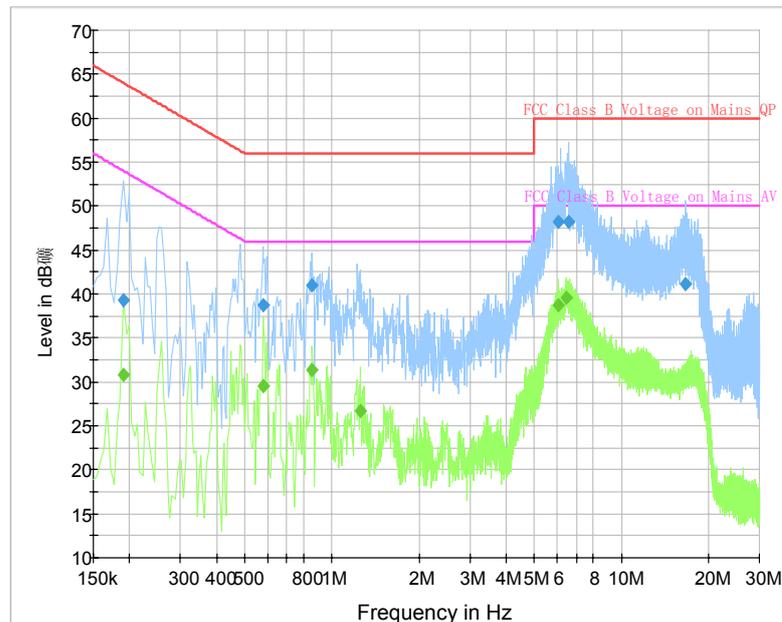


Fig.153 AC Powerline Conducted Emission (Traffic, AE4)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.190500	39.2	2000.0	9.000	On	L1	19.7	24.8	64.0
0.577500	38.7	2000.0	9.000	On	L1	19.8	17.3	56.0
0.856500	41.0	2000.0	9.000	On	L1	19.8	15.0	56.0
6.081000	48.3	2000.0	9.000	On	L1	19.7	11.7	60.0
6.580500	48.2	2000.0	9.000	On	L1	19.7	11.8	60.0
16.615500	41.2	2000.0	9.000	On	N	20.2	18.8	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.190500	30.9	2000.0	9.000	On	L1	19.7	23.2	54.0
0.577500	29.5	2000.0	9.000	On	L1	19.8	16.5	46.0
0.856500	31.4	2000.0	9.000	On	L1	19.8	14.6	46.0
1.257000	26.7	2000.0	9.000	On	L1	19.7	19.3	46.0
6.081000	38.7	2000.0	9.000	On	L1	19.7	11.3	50.0
6.459000	39.6	2000.0	9.000	On	L1	19.7	10.4	50.0

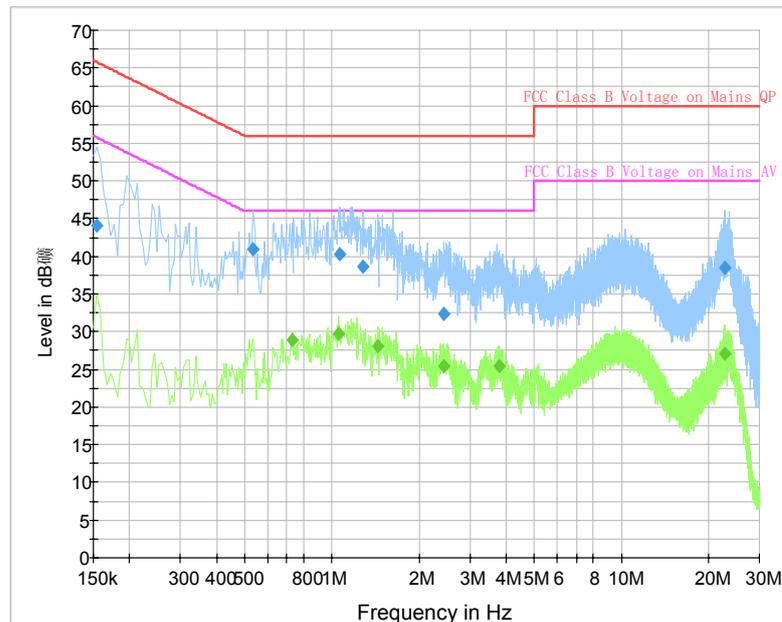


Fig.154 AC Powerline Conducted Emission (Traffic, AE5)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154500	44.1	2000.0	9.000	On	L1	19.9	21.6	65.8
0.532500	40.9	2000.0	9.000	On	L1	19.8	15.1	56.0
1.068000	40.4	2000.0	9.000	On	L1	19.7	15.6	56.0
1.284000	38.7	2000.0	9.000	On	L1	19.6	17.3	56.0
2.445000	32.3	2000.0	9.000	On	N	19.6	23.7	56.0
22.717500	38.4	2000.0	9.000	On	L1	20.1	21.6	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.730500	28.9	2000.0	9.000	On	L1	19.8	17.1	46.0
1.054500	29.7	2000.0	9.000	On	L1	19.7	16.3	46.0
1.446000	28.0	2000.0	9.000	On	L1	19.7	18.0	46.0
2.445000	25.4	2000.0	9.000	On	L1	19.6	20.6	46.0
3.786000	25.4	2000.0	9.000	On	L1	19.7	20.6	46.0
22.717500	27.1	2000.0	9.000	On	L1	20.1	22.9	50.0

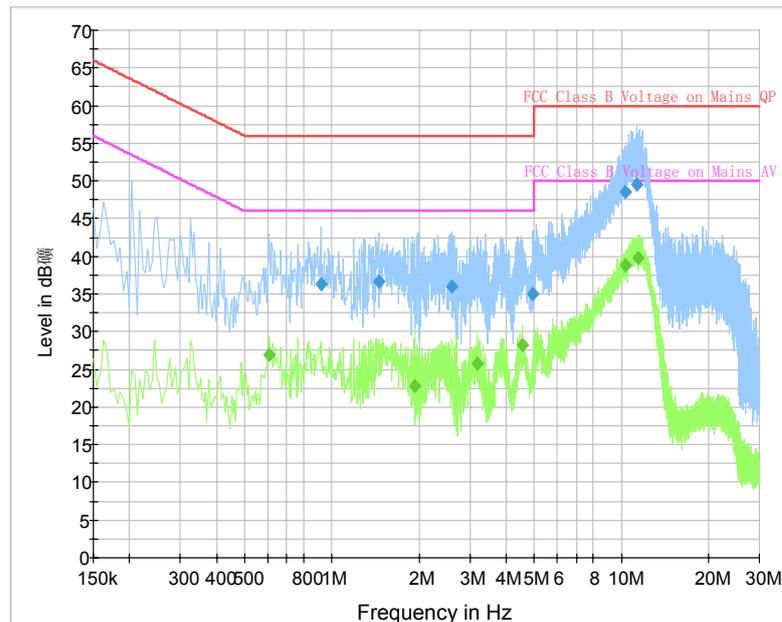


Fig.155 AC Powerline Conducted Emission (Traffic, AE6)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.915000	36.3	2000.0	9.000	On	L1	19.7	19.7	56.0
1.450500	36.6	2000.0	9.000	On	L1	19.7	19.4	56.0
2.607000	36.0	2000.0	9.000	On	L1	19.7	20.0	56.0
4.942500	35.0	2000.0	9.000	On	L1	19.6	21.0	56.0
10.302000	48.6	2000.0	9.000	On	L1	19.8	11.4	60.0
11.332500	49.6	2000.0	9.000	On	L1	19.9	10.4	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.609000	27.0	2000.0	9.000	On	L1	19.8	19.0	46.0
1.936500	22.8	2000.0	9.000	On	L1	19.6	23.2	46.0
3.192000	25.8	2000.0	9.000	On	L1	19.7	20.2	46.0
4.564500	28.3	2000.0	9.000	On	L1	19.6	17.7	46.0
10.302000	38.8	2000.0	9.000	On	L1	19.8	11.2	50.0
11.391000	39.7	2000.0	9.000	On	L1	19.9	10.3	50.0

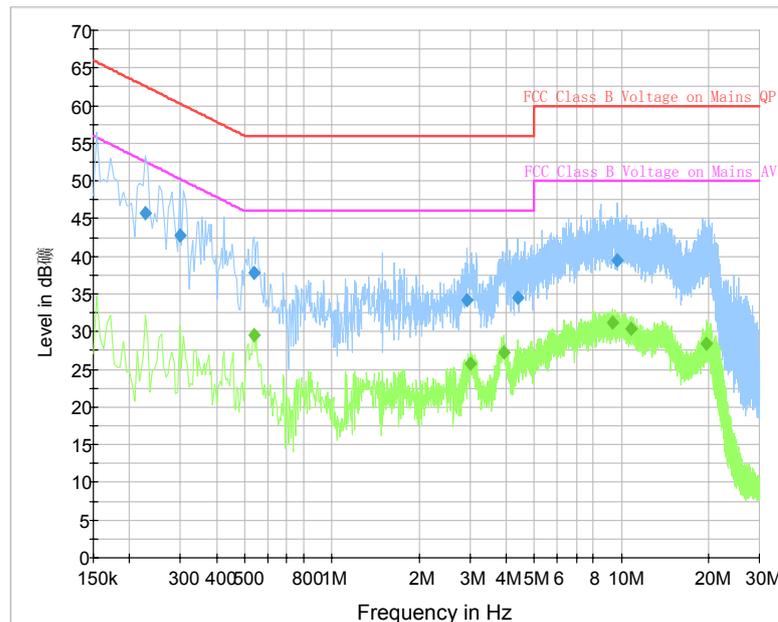


Fig.156 AC Powerline Conducted Emission (Traffic, AE7)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.226500	45.7	2000.0	9.000	On	L1	19.8	16.9	62.6
0.298500	42.7	2000.0	9.000	On	N	19.8	17.6	60.3
0.537000	37.8	2000.0	9.000	On	L1	19.8	18.2	56.0
2.940000	34.1	2000.0	9.000	On	L1	19.7	21.9	56.0
4.389000	34.4	2000.0	9.000	On	L1	19.7	21.6	56.0
9.667500	39.5	2000.0	9.000	On	L1	19.8	20.5	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.537000	29.6	2000.0	9.000	On	L1	19.8	16.4	46.0
3.012000	25.8	2000.0	9.000	On	L1	19.6	20.2	46.0
3.912000	27.2	2000.0	9.000	On	L1	19.7	18.8	46.0
9.330000	31.2	2000.0	9.000	On	L1	19.8	18.8	50.0
10.783500	30.4	2000.0	9.000	On	L1	19.9	19.6	50.0
19.581000	28.4	2000.0	9.000	On	L1	20.0	21.6	50.0

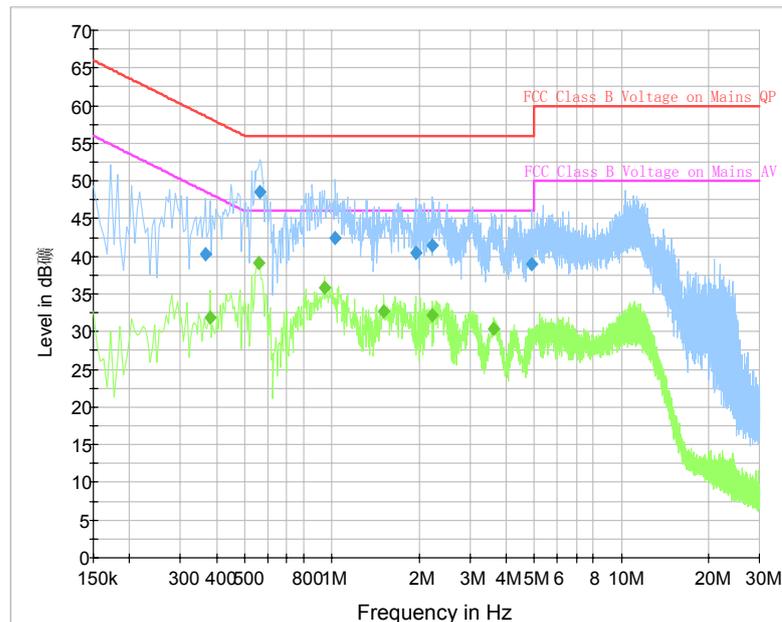


Fig.157 AC Powerline Conducted Emission (Traffic, AE8)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.366000	40.3	2000.0	9.000	On	N	19.8	18.3	58.6
0.564000	48.5	2000.0	9.000	On	L1	19.8	7.5	56.0
1.027500	42.4	2000.0	9.000	On	L1	19.7	13.6	56.0
1.954500	40.4	2000.0	9.000	On	L1	19.6	15.6	56.0
2.220000	41.4	2000.0	9.000	On	L1	19.6	14.6	56.0
4.884000	39.0	2000.0	9.000	On	L1	19.7	17.0	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.379500	31.8	2000.0	9.000	On	L1	19.8	16.5	48.3
0.559500	39.2	2000.0	9.000	On	L1	19.8	6.8	46.0
0.942000	35.8	2000.0	9.000	On	L1	19.7	10.2	46.0
1.513500	32.7	2000.0	9.000	On	L1	19.6	13.3	46.0
2.220000	32.1	2000.0	9.000	On	L1	19.6	13.9	46.0
3.624000	30.4	2000.0	9.000	On	L1	19.7	15.6	46.0

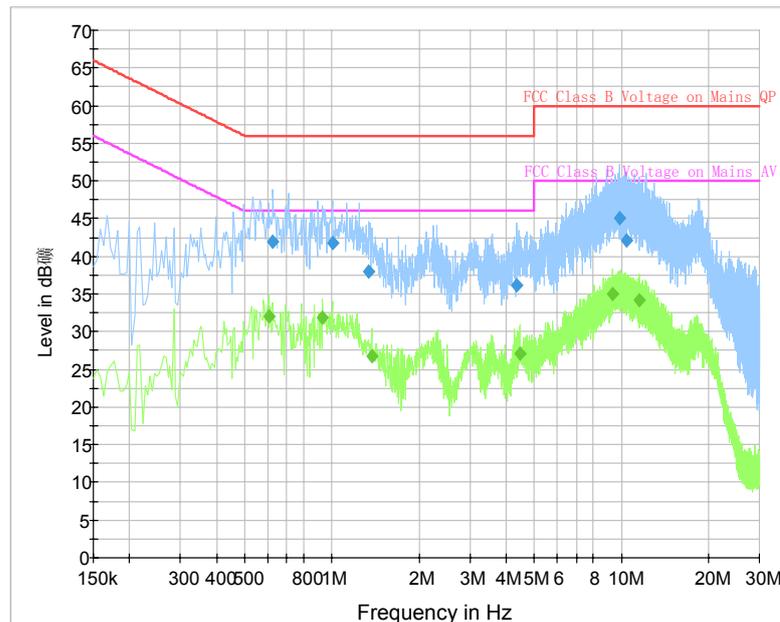


Fig.158 AC Powerline Conducted Emission (Traffic, AE9)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.627000	42.0	2000.0	9.000	On	N	19.8	14.0	56.0
1.005000	41.8	2000.0	9.000	On	L1	19.7	14.2	56.0
1.338000	38.0	2000.0	9.000	On	N	19.6	18.0	56.0
4.344000	36.1	2000.0	9.000	On	L1	19.7	19.9	56.0
9.897000	45.1	2000.0	9.000	On	L1	19.8	14.9	60.0
10.437000	42.2	2000.0	9.000	On	N	19.8	17.8	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.604500	32.0	2000.0	9.000	On	L1	19.8	14.0	46.0
0.928500	31.9	2000.0	9.000	On	L1	19.7	14.1	46.0
1.378500	26.7	2000.0	9.000	On	L1	19.7	19.3	46.0
4.452000	27.1	2000.0	9.000	On	L1	19.7	18.9	46.0
9.357000	34.9	2000.0	9.000	On	L1	19.8	15.1	50.0
11.566500	34.2	2000.0	9.000	On	L1	19.9	15.8	50.0

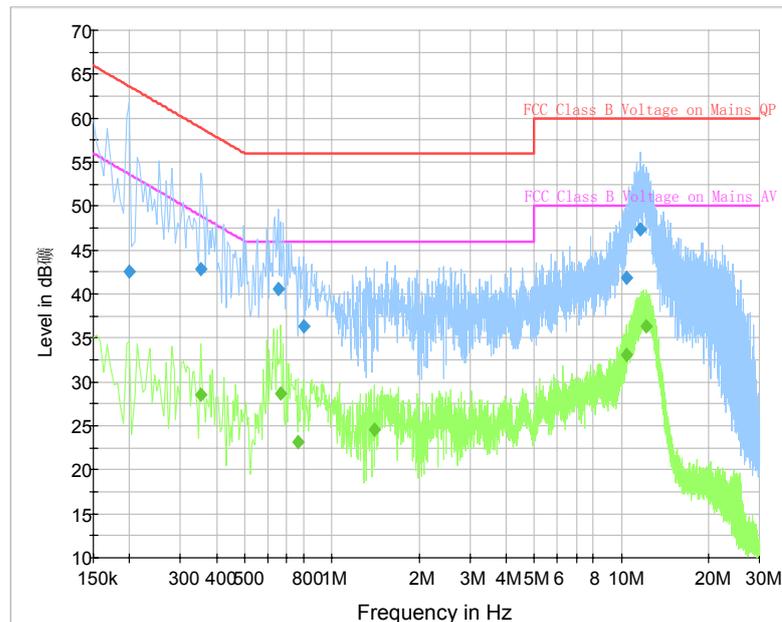


Fig.159 AC Powerline Conducted Emission (Traffic, AE10)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.199500	42.6	2000.0	9.000	On	L1	19.8	21.1	63.6
0.352500	42.9	2000.0	9.000	On	L1	19.8	16.0	58.9
0.654000	40.5	2000.0	9.000	On	L1	19.8	15.5	56.0
0.798000	36.3	2000.0	9.000	On	L1	19.8	19.7	56.0
10.378500	41.8	2000.0	9.000	On	N	19.9	18.2	60.0
11.679000	47.4	2000.0	9.000	On	L1	19.9	12.6	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.352500	28.5	2000.0	9.000	On	L1	19.8	20.4	48.9
0.667500	28.7	2000.0	9.000	On	L1	19.8	17.3	46.0
0.766500	23.1	2000.0	9.000	On	L1	19.8	22.9	46.0
1.396500	24.5	2000.0	9.000	On	L1	19.7	21.5	46.0
10.396500	33.0	2000.0	9.000	On	L1	19.8	17.0	50.0
12.210000	36.4	2000.0	9.000	On	L1	19.9	13.6	50.0

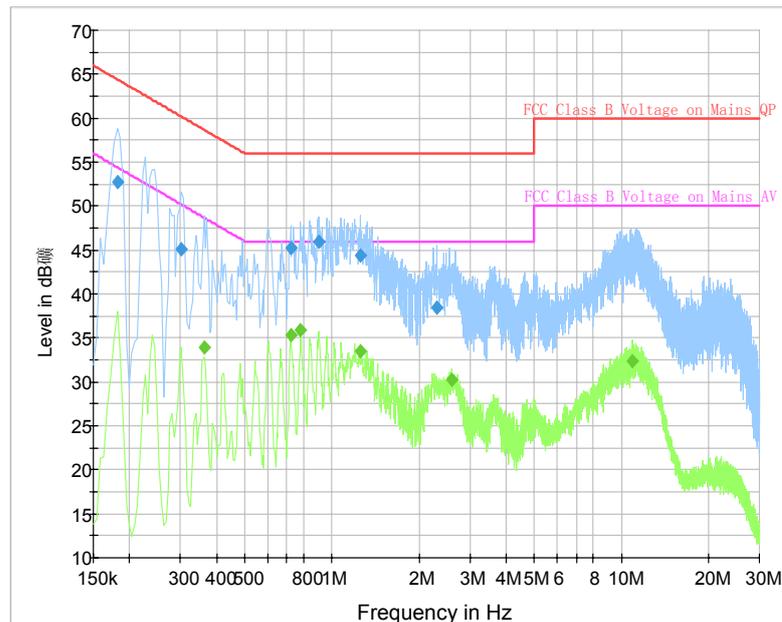


Fig.160 AC Powerline Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.181500	52.8	2000.0	9.000	On	L1	19.7	11.6	64.4
0.303000	45.0	2000.0	9.000	On	L1	19.8	15.1	60.2
0.721500	45.2	2000.0	9.000	On	L1	19.8	10.8	56.0
0.901500	46.0	2000.0	9.000	On	L1	19.7	10.0	56.0
1.257000	44.5	2000.0	9.000	On	L1	19.7	11.5	56.0
2.301000	38.4	2000.0	9.000	On	L1	19.7	17.6	56.0

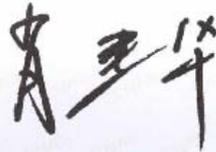
MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.361500	33.9	2000.0	9.000	On	L1	19.8	14.8	48.7
0.721500	35.4	2000.0	9.000	On	L1	19.8	10.6	46.0
0.780000	35.8	2000.0	9.000	On	L1	19.8	10.2	46.0
1.257000	33.5	2000.0	9.000	On	L1	19.7	12.5	46.0
2.589000	30.3	2000.0	9.000	On	L1	19.7	15.7	46.0
10.945500	32.4	2000.0	9.000	On	L1	19.8	17.6	50.0

ANNEX D: 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

ANNEX E: Accreditation Certificate

 
China National Accreditation Service for Conformity Assessment
LABORATORY ACCREDITATION CERTIFICATE
(Registration No. CNAS L0570)
China Academy of Telecommunication Research of MIIT <u>No.52, Huayuan North Road, Haidian District, Beijing, China</u>
<i>is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence of testing and calibration.</i>
<i>The scope of accreditation is detailed in the attached appendices bearing the same registration number as above. The appendices form an integral part of this certificate.</i>
Date of Issue: 2014-06-20 Date of Expiry: 2017-06-19 Date of Initial Accreditation: 1998-07-03 Date of Update: 2014-06-20

Signed on behalf of China National Accreditation Service for Conformity Assessment
<small>China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is the signatory to International Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (ILAC MRA) and Asia Pacific Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (APLAC MRA).</small>
No.CNAS AL 2 0010037

END OF REPORT