

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

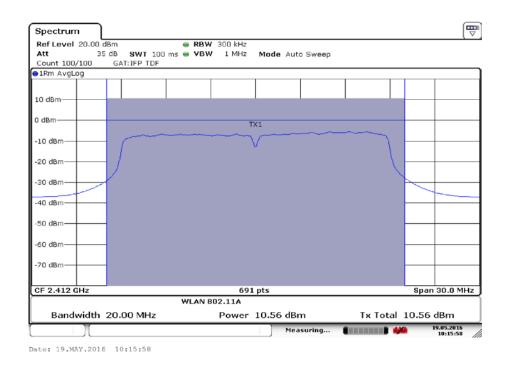


Fig.58 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS4)



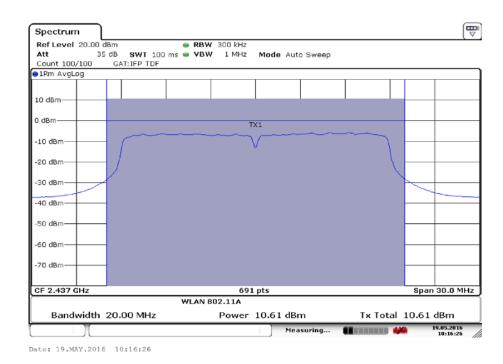


Fig.59 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS4)

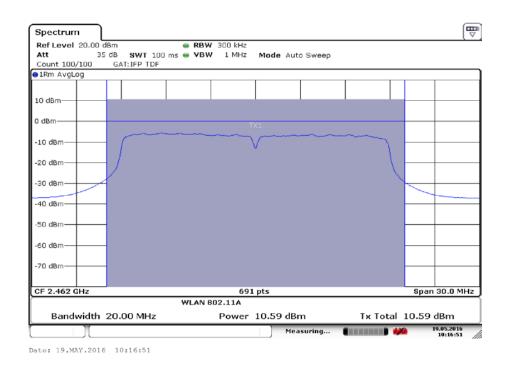


Fig.60 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS4)



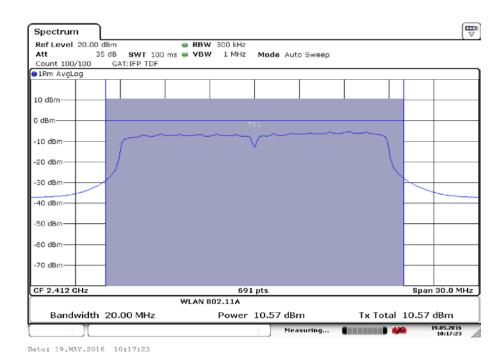


Fig.61 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS5)

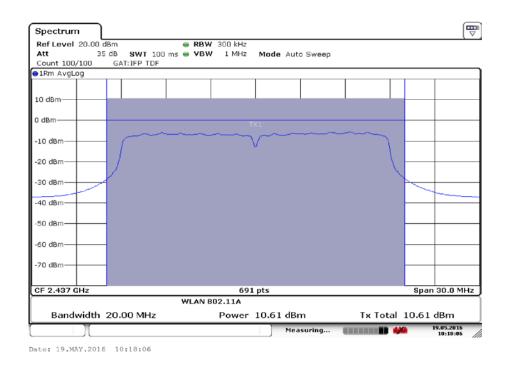


Fig.62 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS5)



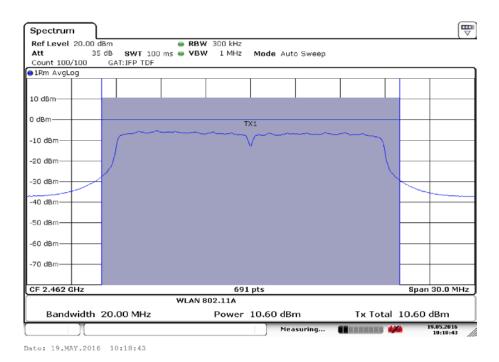


Fig.63 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS5)

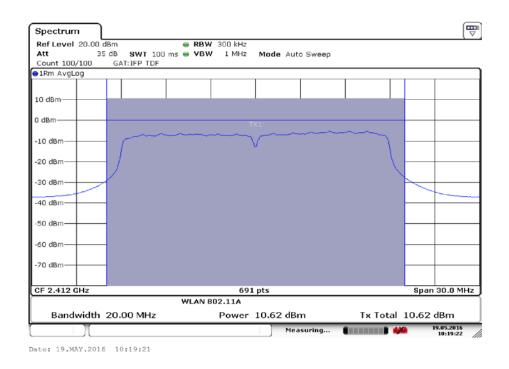


Fig.64 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS6)



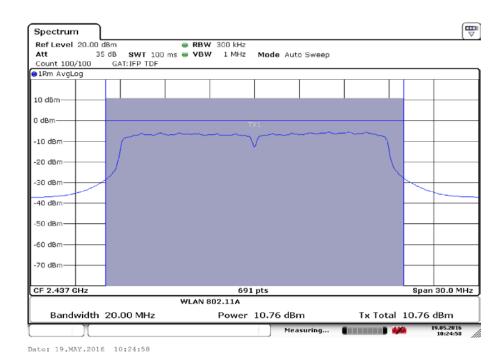


Fig.65 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS6)

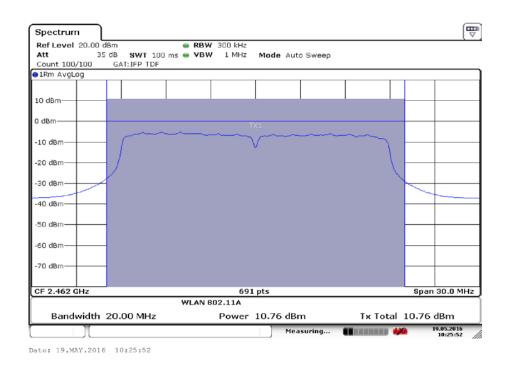


Fig.66 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS6)



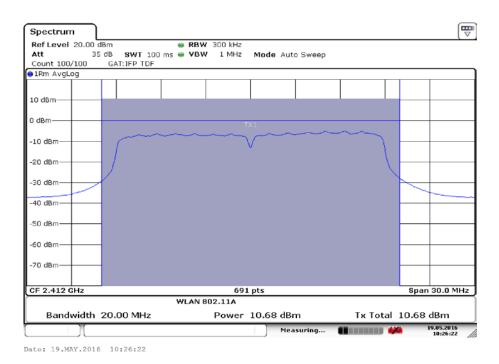


Fig.67 Maximum Average Output Power (802.11n-20MHz, Ch 1,MCS7)

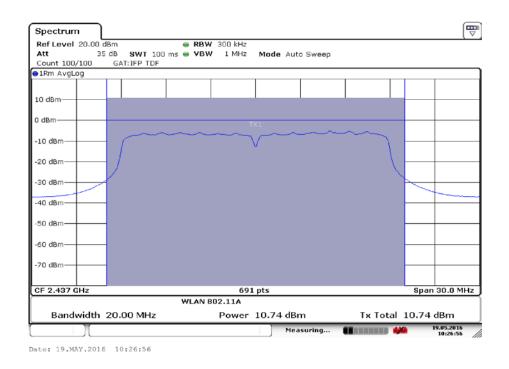


Fig.68 Maximum Average Output Power (802.11n-20MHz, Ch 6,MCS7)



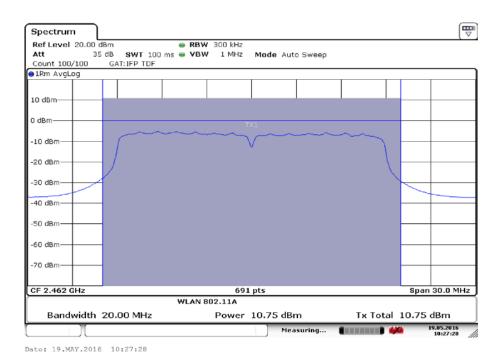


Fig.69 Maximum Average Output Power (802.11n-20MHz, Ch 11,MCS7)

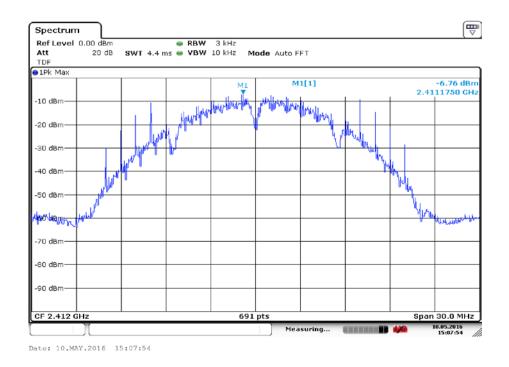


Fig.70 Power Spectral Density (802.11b, Ch 1)



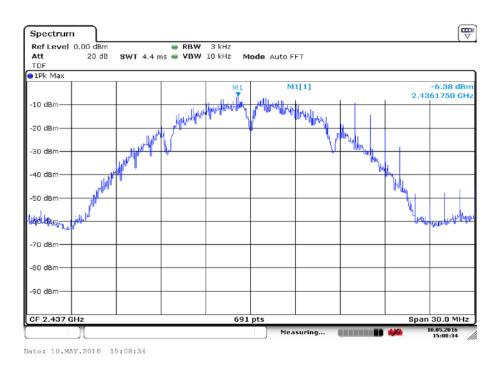
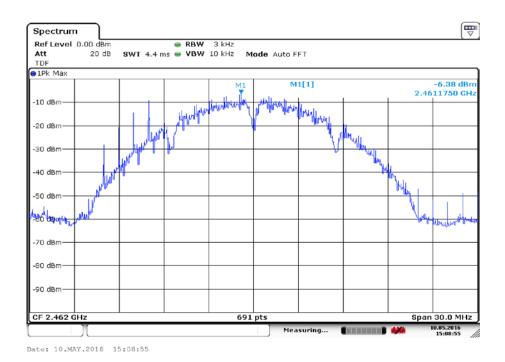


Fig.71 Power Spectral Density (802.11b, Ch 6)





Spectrum Ref Level 0.00 dBm Att 20 dB ■ RBW 3 kHz
SWT 4.4 ms ■ VBW 10 kHz Mode Auto FFT 1Pk Max M1[1] -10 dBn hyraphylandr <u>ℷℷℙℷ</u>ℷℷℴℷℴℴ -20 dBn

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

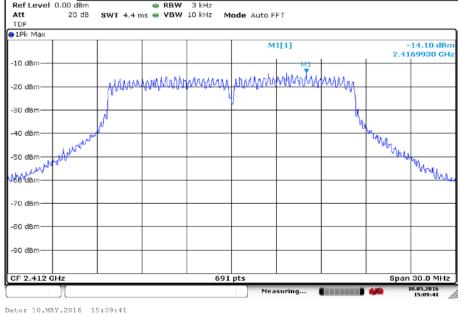
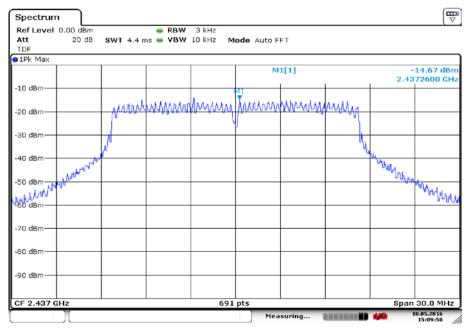


Fig.73 Power Spectral Density (802.11g, Ch 1)



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

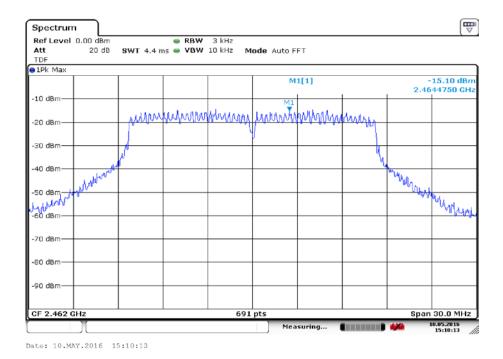


Fig.75 Power Spectral Density (802.11g, Ch 11)

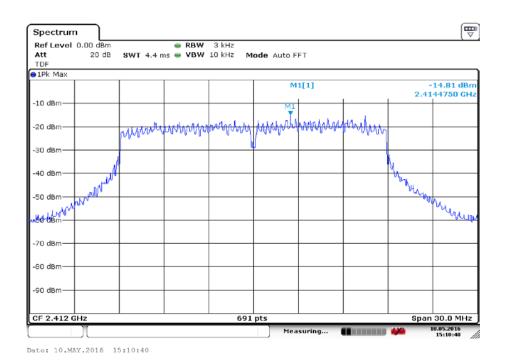




Fig.76 Power Spectral Density (802.11n-20MHz, Ch 1)

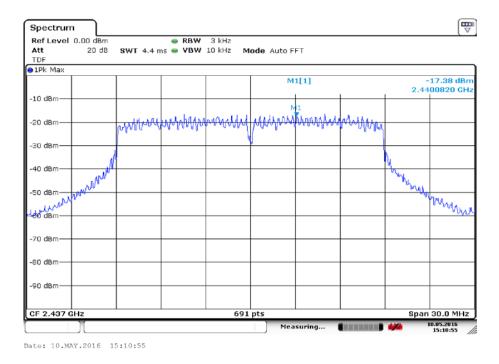
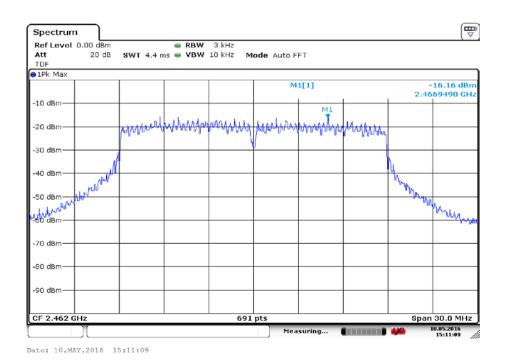


Fig.77 Power Spectral Density (802.11n-20MHz, Ch 6)



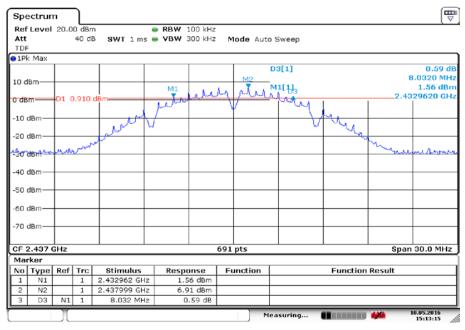


Spectrum RBW 100 kHz Ref Level 20.00 dBm SWT 1 ms • VBW 300 kHz Att 40 dB Mode Auto Sweep TDF 1Pk Max 0.16 d 8.0750 MH 10 dBm 0.96 dBr 2.4079620 GH 0.620 d -10 dBm -20 dBr -40 dBm -50 dBr -60 dBm -70 dBm 691 pts Span 30.0 MHz CF 2.412 GHz Marker No Type Ref Trc **Function Result** Stimulus Response Function 1 2.407962 GHz 1 2.412999 GHz 6.73 dBm N2 8.075 MHz

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

Date: 10.MAY.2016 15:12:40

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



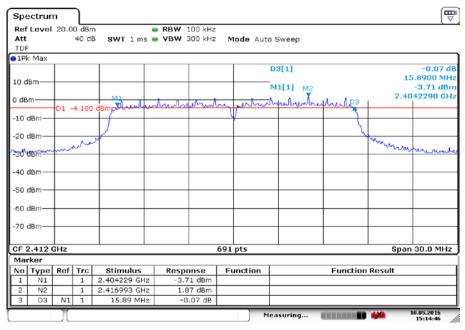


Spectrum RBW 100 kHz Ref Level 20.00 dBm SWT 1 ms • VBW 300 kHz Att 40 dB Mode Auto Sweep TDF 1Pk Max D3[1] -0.84 d 7.5540 MH 10 dBm 1.88 dBr 2.4579620 GH 0.720 d -10 dBm -20 dBr -50 dB -60 dBm -70 dBm 691 pts Span 30.0 MHz CF 2.462 GHz Marker No Type Ref Trc 1 N1 1 **Function Result** Stimulus Response Function 1 2.457962 GHz 1 2.461001 GHz 6.72 dBm N2

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

Date: 10.MAY.2016 15:13:57

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



Date: 10.MAY.2016 15:14:46

10.05.2016 15:15:19



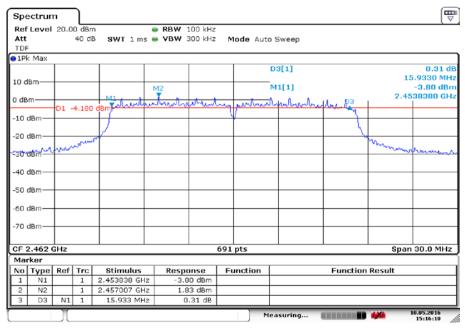
Spectrum RBW 100 kHz Ref Level 20.00 dBm SWT 1 ms • VBW 300 kHz Att 40 dB Mode Auto Sweep TDF 1Pk Max D3[1] -0.63 d 15.5860 MH 10 dBm -3.88 dBr MM1[1] 2.4293590 GH 0 dBm 01 -4.180 -10 dBm -20 dBr -50 dBr -60 dBm -70 dBm CF 2.437 GHz 691 pts Span 30.0 MHz Marker No Type Ref Trc 1 N1 1 **Function Result** Stimulus Response Function 2.429359 GHz 1 2.439475 GHz 1.47 dBm N2

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

Date: 10.MAY.2016 15:15:19

15.586 MHz

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



10.05.2016 15:16:54

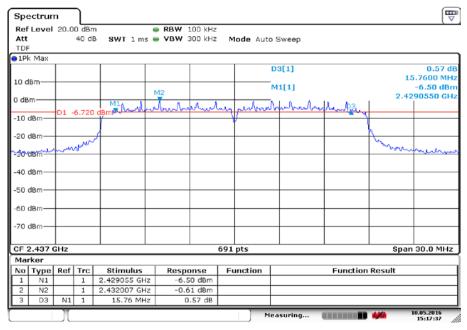


Spectrum RBW 100 kHz Ref Level 20.00 dBm SWT 1 ms • VBW 300 kHz Att 40 dB Mode Auto Sweep TDF 1Pk Max D3[1] 16.3240 MH 10 dBm м1[1] 2.4044020 GH 0 dBm Marshard and beauty العهمالت 1 -6.650 -10 dBm -20 dBr -ജർ പ്രവ -40 dBm -50 dBr -60 dBm -70 dBm 691 pts Span 30.0 MHz CF 2.412 GHz Marker No Type Ref Trc **Function Result** Stimulus Response Function 1 2.404402 GHz 1 2.415734 GHz -0.59 dBm N2

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

Date: 10.MAY.2016 15:16:54

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



Date: 10.MAY.2016 15:17:36



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

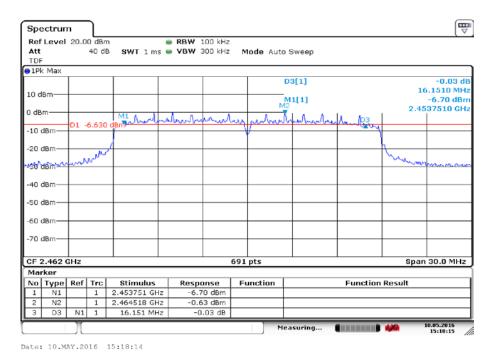


Fig.87 Occupied 6dB Bandwidth (802.11 n-20MHz, Ch 11)

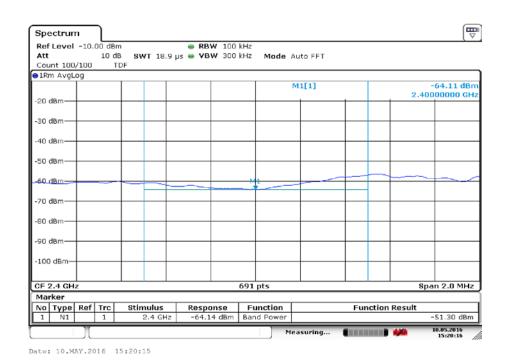
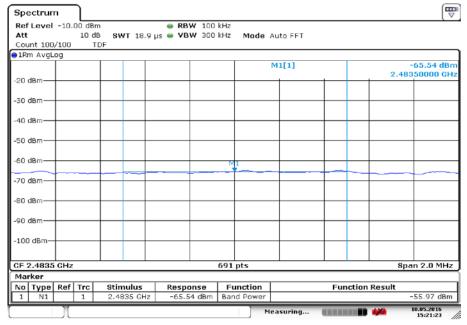


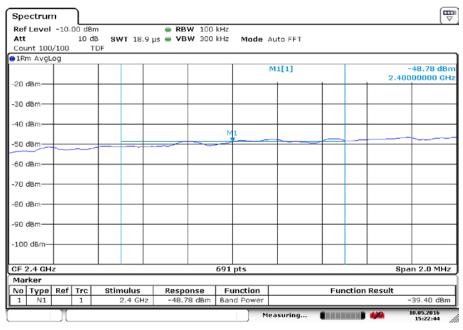


Fig.88 Band Edges (802.11b, Ch 1)



Date: 10.MAY.2016 15:21:23

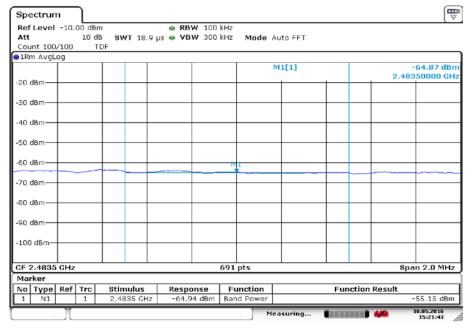
Fig.89 Band Edges (802.11b, Ch 11)



Date: 10.MAY.2016 15:22:44

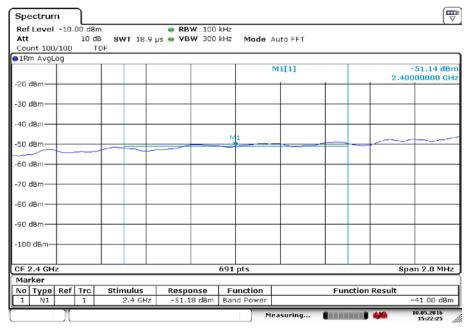


Fig.90 Band Edges (802.11g, Ch 1)



Date: 10.MAY.2016 15:21:43

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



Date: 10.MAY.2016 15:22:25



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

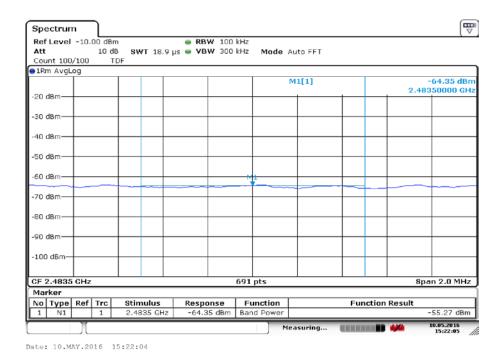


Fig.93 Band Edges (802.11 n-20MHz, Ch 11)

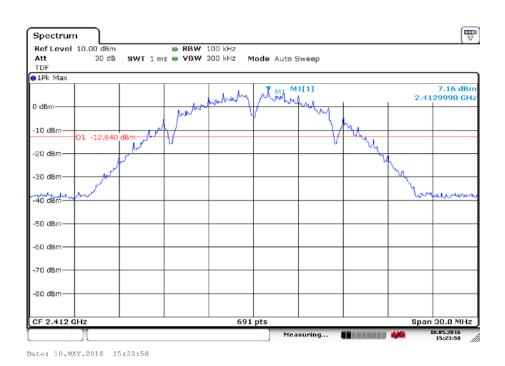




Fig.94 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)

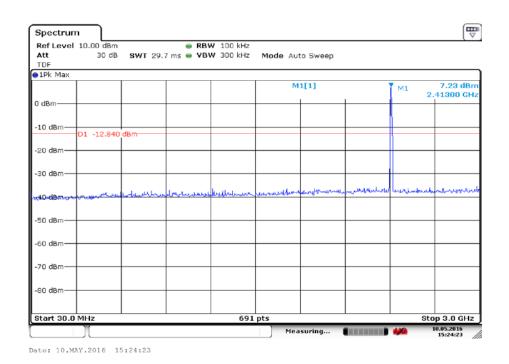


Fig.95 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-3 GHz)

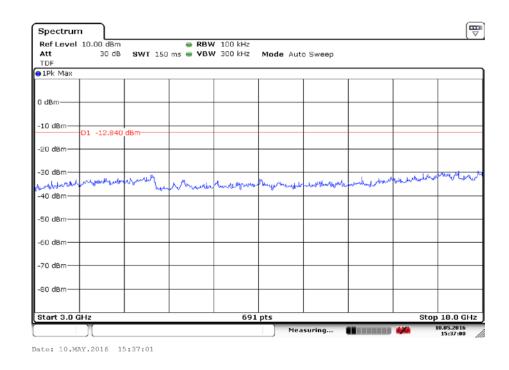


Fig.96 Conducted Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)



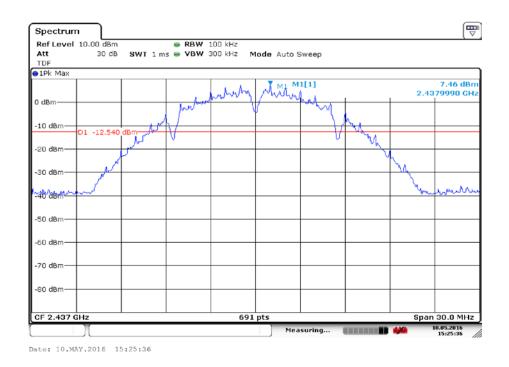


Fig.97 Conducted Spurious Emission (802.11b, Ch6, Center Frequency)

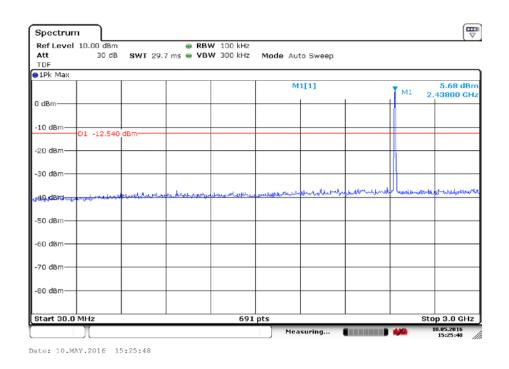


Fig.98 Conducted Spurious Emission (802.11b, Ch6, 30 MHz-3 GHz)



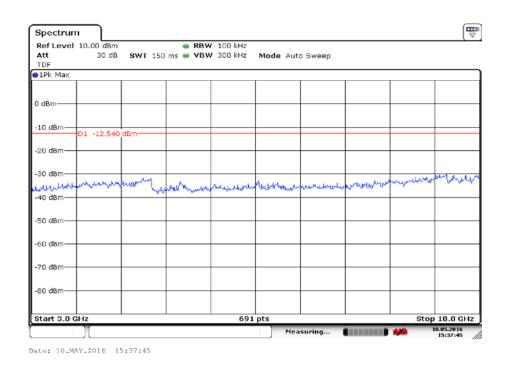


Fig.99 Conducted Spurious Emission (802.11b, Ch6, 3 GHz-18 GHz)

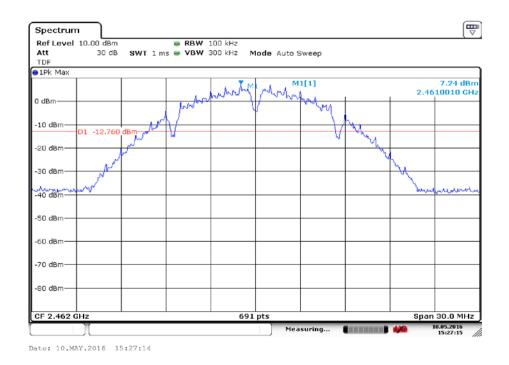


Fig.100 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)



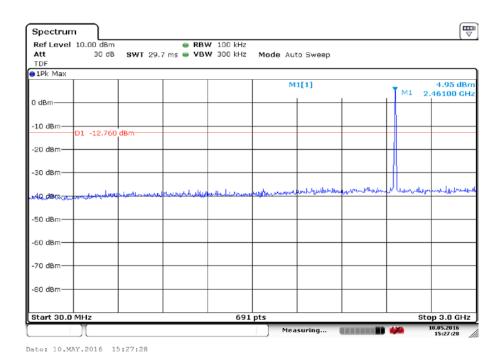


Fig.101 Conducted Spurious Emission (802.11b, Ch11, 30 MHz-3 GHz)

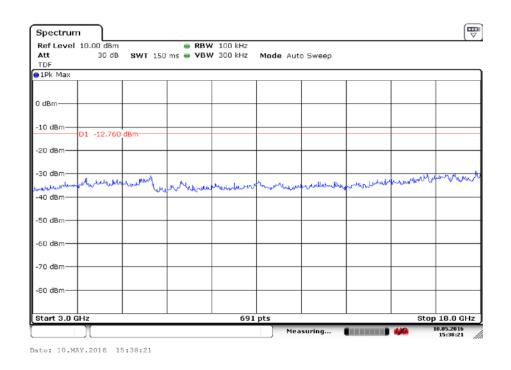


Fig.102 Conducted Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)



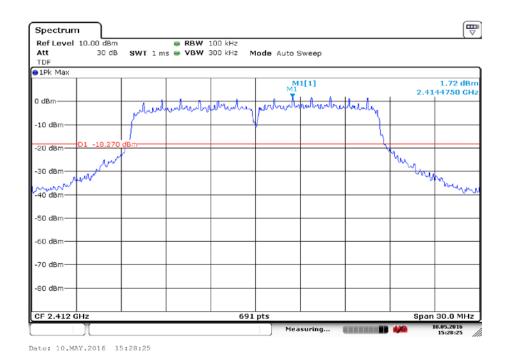


Fig.103 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)

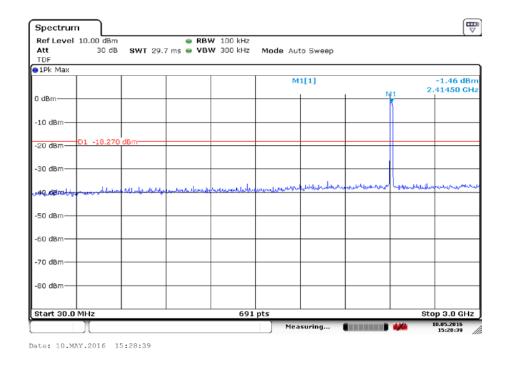


Fig.104 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-3 GHz)



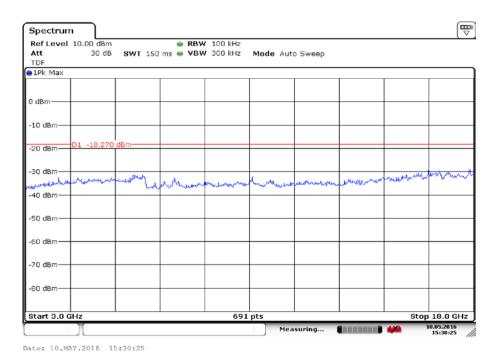


Fig.105 Conducted Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

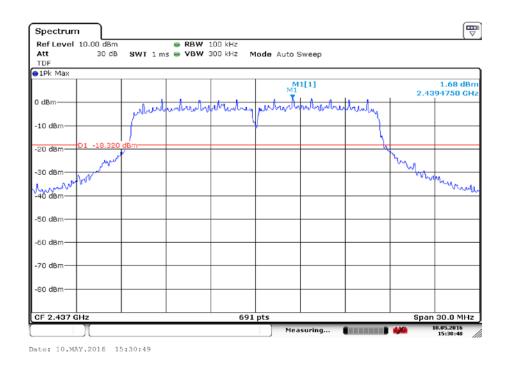


Fig.106 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)



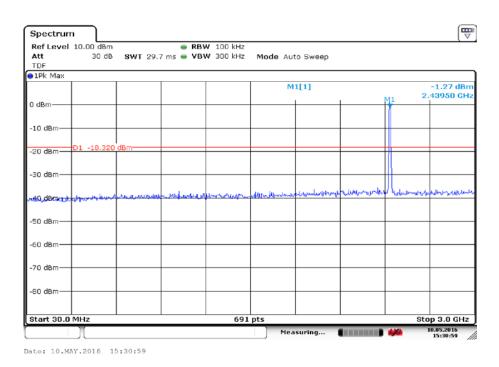


Fig.107 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-3 GHz)

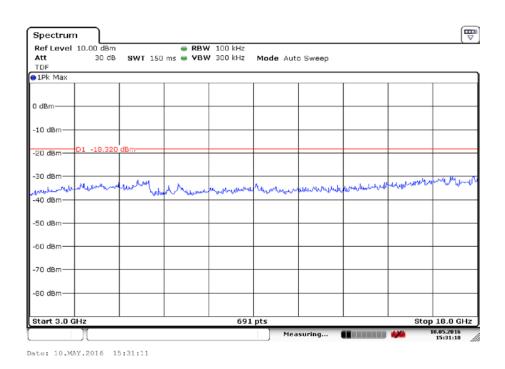


Fig.108 Conducted Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)



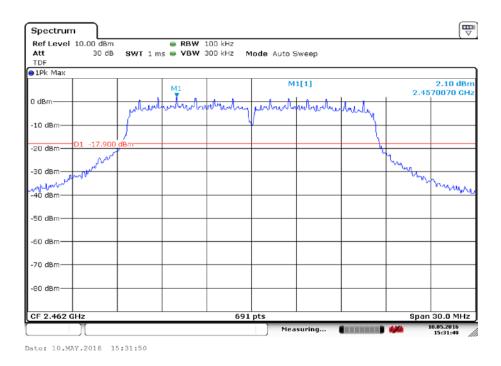


Fig.109 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

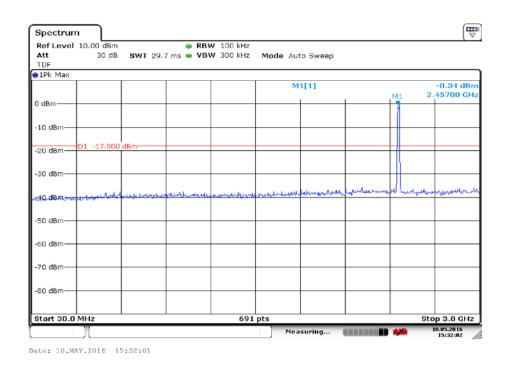


Fig.110 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-3 GHz)



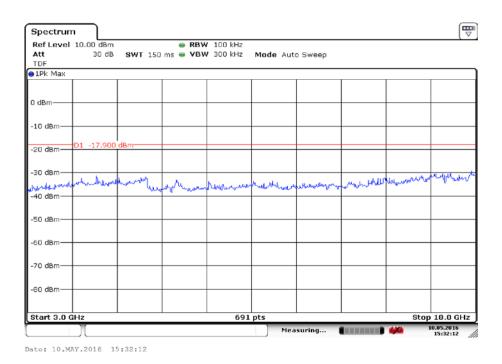


Fig.111 Conducted Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

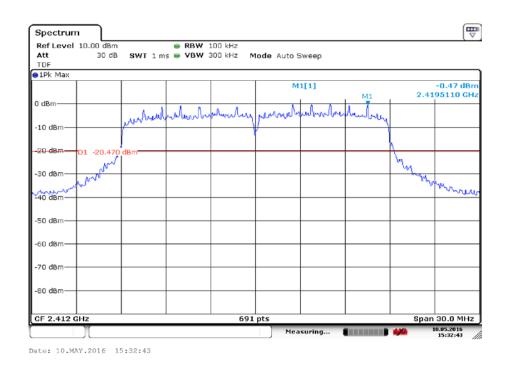


Fig.112 Conducted Spurious Emission (802.11n-20M, Ch1, Center Frequency)



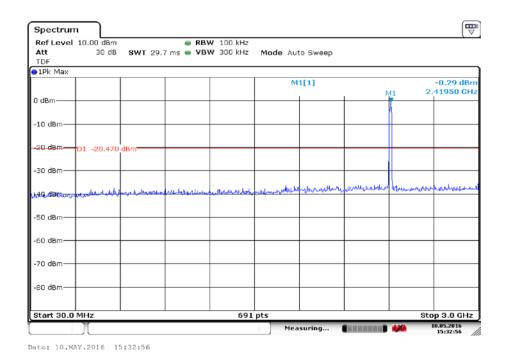


Fig.113 Conducted Spurious Emission (802.11n-20M, Ch1, 30 MHz-3 GHz)

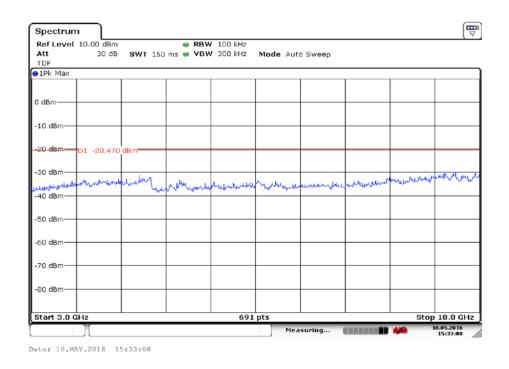


Fig.114 Conducted Spurious Emission (802.11n-20M, Ch1, 3 GHz-18 GHz)



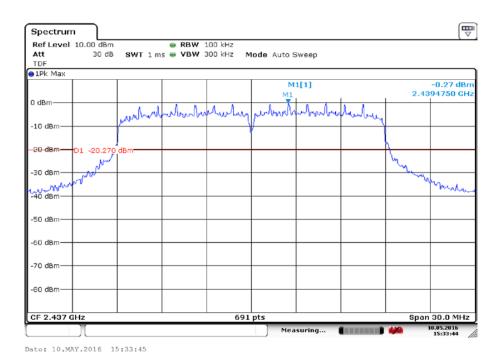


Fig.115 Conducted Spurious Emission (802.11n-20M, Ch6, Center Frequency)

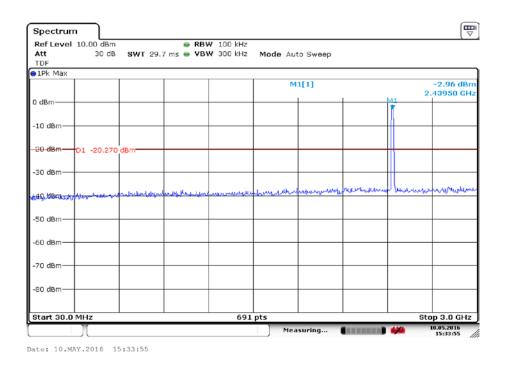


Fig.116 Conducted Spurious Emission (802.11n-20M, Ch6, 30 MHz-3 GHz)



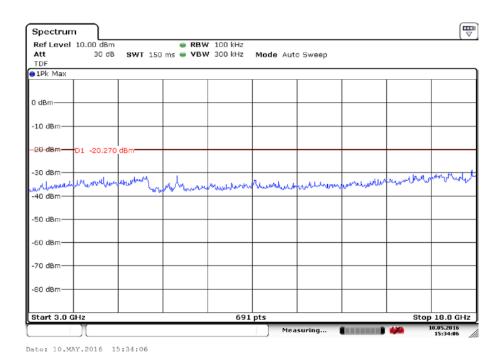


Fig.117 Conducted Spurious Emission (802.11n-20M, Ch6, 3 GHz-18 GHz)

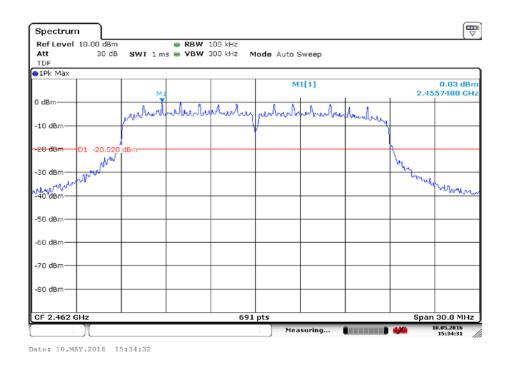


Fig.118 Conducted Spurious Emission (802.11n-20M, Ch11, Center Frequency)



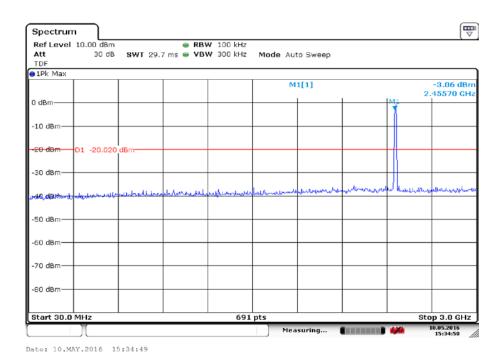


Fig.119 Conducted Spurious Emission (802.11n-20M, Ch11, 30 MHz-3 GHz)

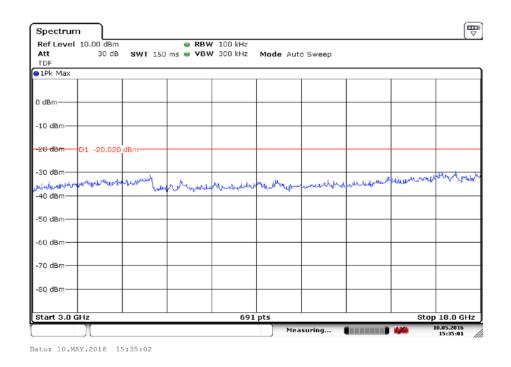


Fig.120 Conducted Spurious Emission (802.11n-20M, Ch11, 3 GHz-18 GHz)



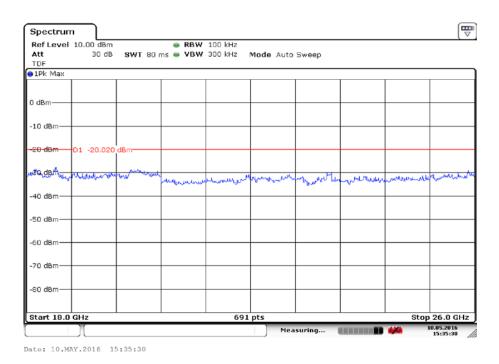


Fig.121 Conducted Spurious Emission (All channels, 18 GHz-26 GHz)

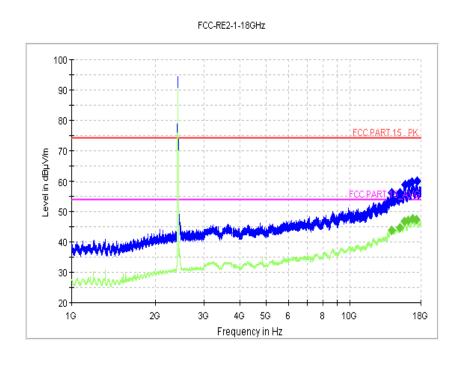


Fig.122 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-18GHz)



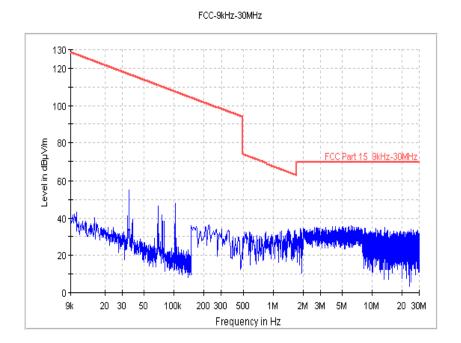


Fig.123 Radiated Spurious Emission (802.11b, Ch6, 9kHz-30MHz,AE1)

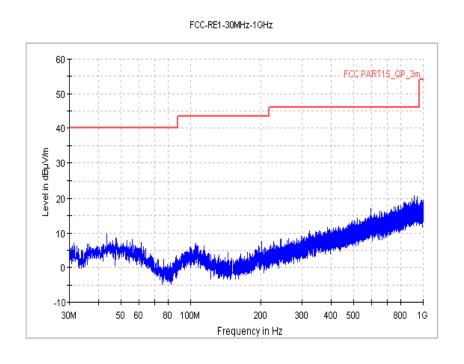


Fig.124 Radiated Spurious Emission (802.11b, Ch6, 30MHz-1 GHz,AE1)



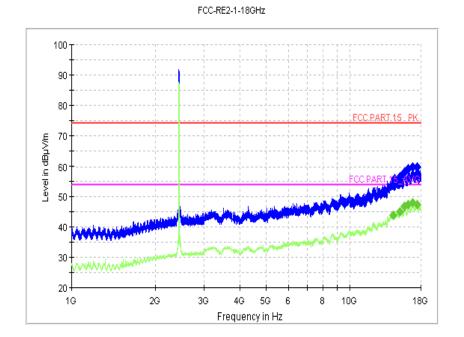


Fig.125 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-18GHz)

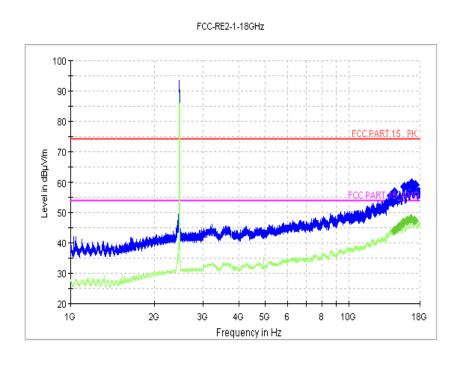
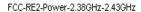


Fig.126 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-18GHz)





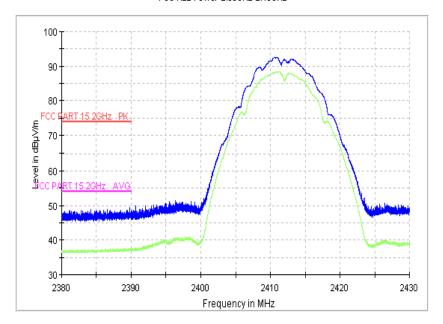
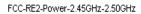


Fig.127 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)



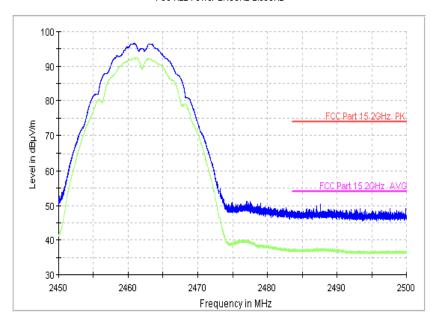


Fig.128 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)



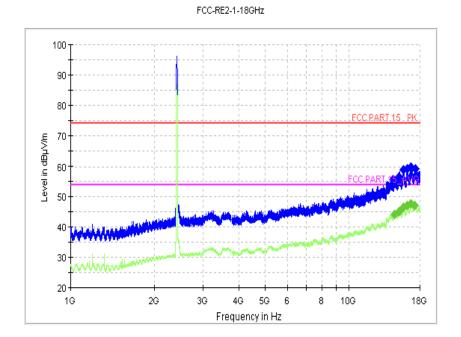


Fig.129 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-18 GHz)

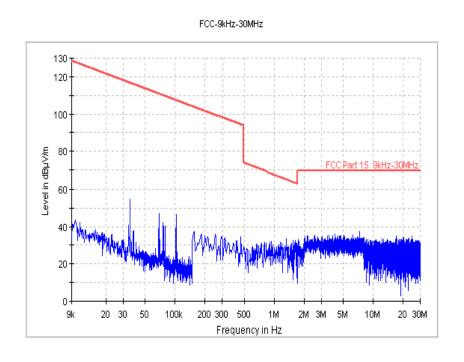


Fig.130 Radiated Spurious Emission (802.11g, Ch6, 9kHz-30MHz)



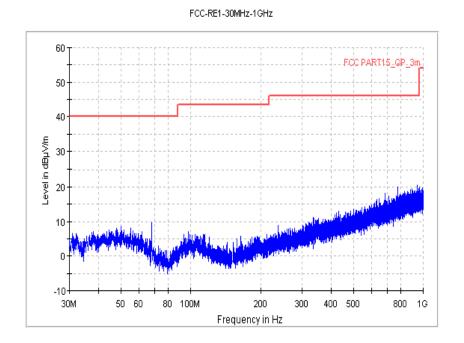


Fig.131 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)

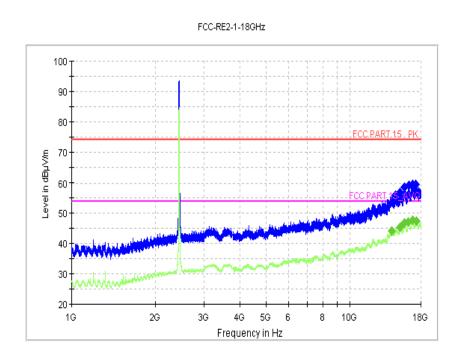


Fig.132 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-18 GHz)



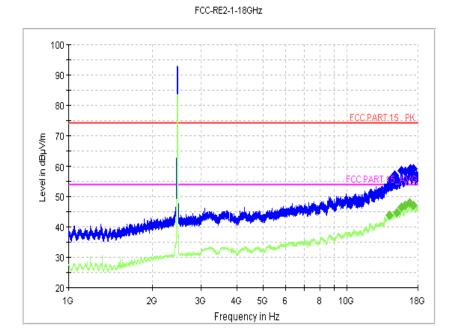


Fig.133 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-18 GHz)

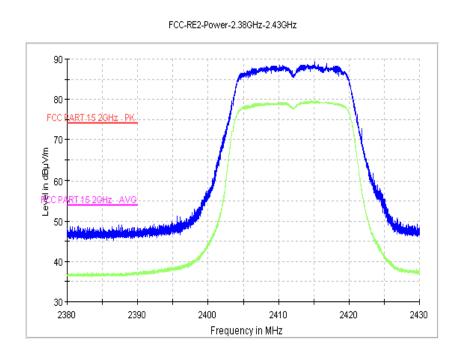
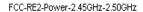


Fig.134 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)





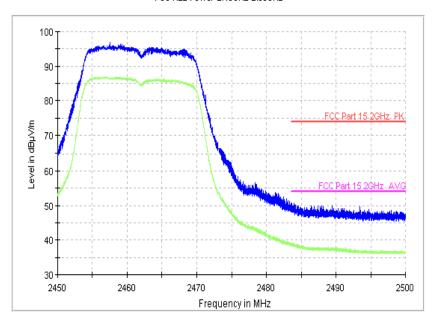


Fig.135 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)

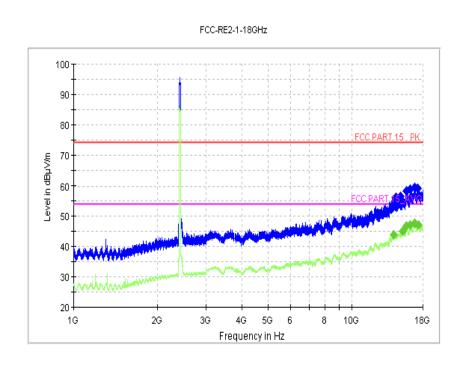


Fig.136 Radiated Spurious Emission (802.11n-20M, Ch1, 1 GHz-18 GHz)



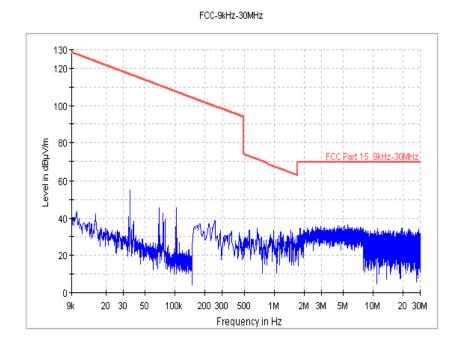


Fig.137 Radiated Spurious Emission (802.11n-20M, Ch6, 9kHz-30MHz)

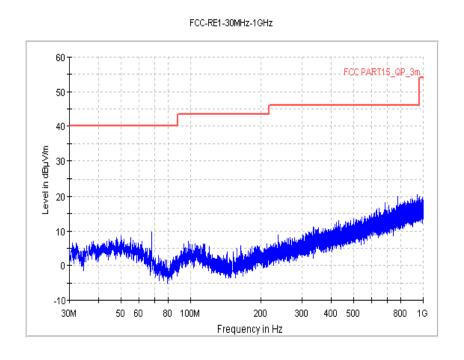


Fig.138 Radiated Spurious Emission (802.11n-20M, Ch6, 30MHz-1 GHz)



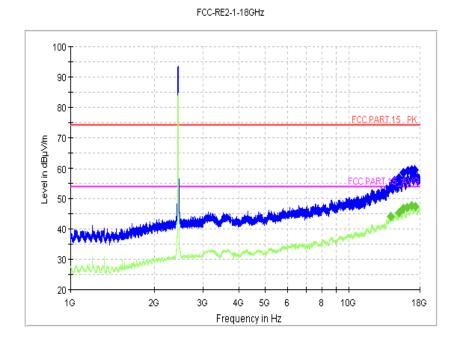


Fig.139 Radiated Spurious Emission (802.11n-20M, Ch6, 1 GHz-18 GHz)

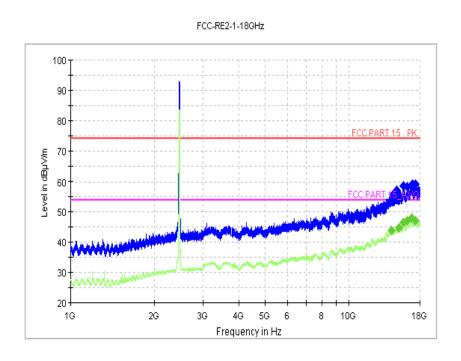
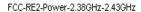


Fig.140 Radiated Spurious Emission (802.11n-20M, Ch11, 1 GHz-18 GHz)





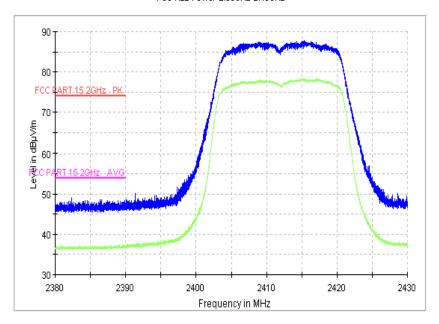


Fig.141 Radiated Emission Power (802.11n-20M, Ch1, 2380GHz~2450GHz)

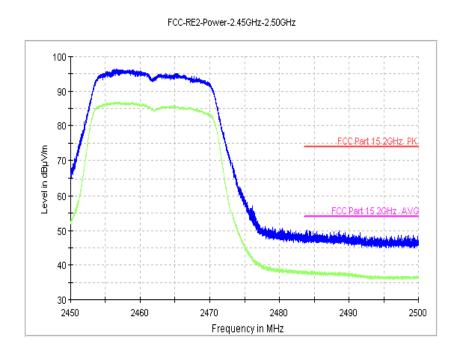


Fig.142 Radiated Emission Power (802.11n-20M, Ch11, 2450GHz~2500GHz)



FCC-RE4-18-26.5GHz

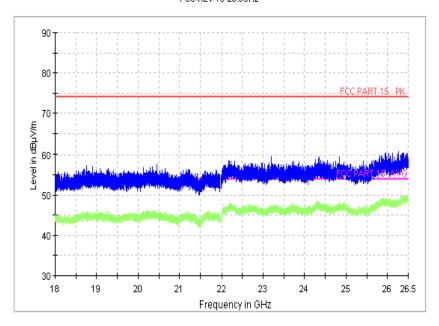


Fig.143 Radiated emission: 18 GHz - 26.5 GHz





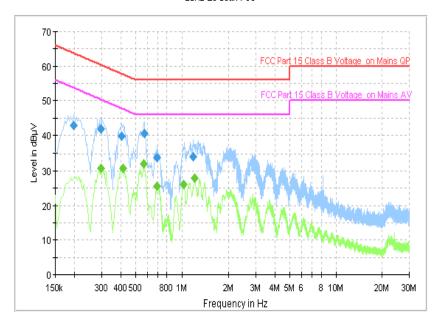


Fig.144 AC Powerline Conducted Emission (Traffic, AE1)

Frequency	QuasiPeak	PE	Line	Corr.	Margin	Limit
(MHz)	(dBµV)			(dB)	(dB)	(dBµV)
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

Frequency	Average	PE	Line	Corr.	Margin	Limit
(MHz)	(dBuV)			(dB)	(dB)	(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





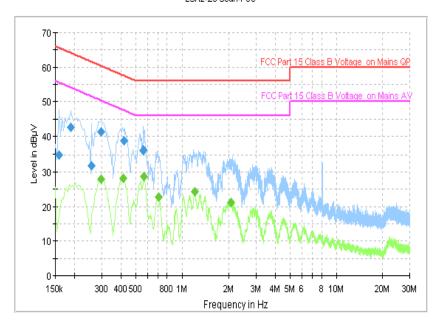


Fig. 145 AC Power line Conducted Emission (Idle, AE1)

Frequency	QuasiPeak	PE	Line	Corr.	Margin	Limit
(MHz)	(dBuV)			(dB)	(dB)	(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

Frequency	Average	PE	Line	Corr.	Margin	Limit
(MHz)	(dBuV)			(dB)	(dB)	(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





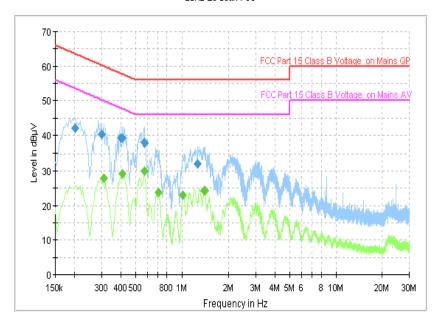


Fig.146 AC Powerline Conducted Emission (Traffic, AE1)

Frequency	QuasiPeak	PE	Line	Corr.	Margin	Limit
(MHz)	(dBµV)			(dB)	(dB)	(dBµV)
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

	9					
Frequency	Average	PE	Line	Corr.	Margin	Limit
(MHz)	(dBuV)			(dB)	(dB)	(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





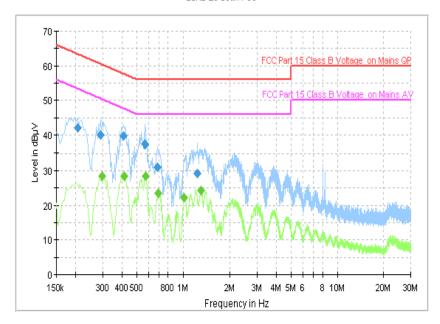


Fig. 147 AC Power line Conducted Emission (Idle, AE1)

Frequency	QuasiPeak	PE	Line	Corr.	Margin	Limit
(MHz)	(dBuV)			(dB)	(dB)	(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

Frequency	Average	PE	Line	Corr.	Margin	Limit
(MHz)	(dBuV)			(dB)	(dB)	(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