

Site no. : 3m Chamber Data no. : 77
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

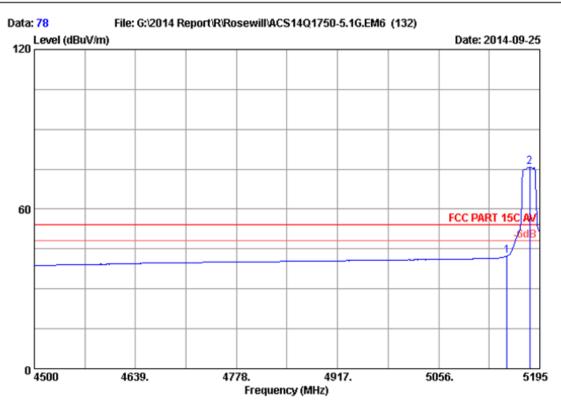
Test Mode : IEEE802.11ac VHT20 5180MHz Tx

M/N : RNX-AC750RT

No.	Freq.	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits		Remark
_	5150.000	33.44	8.92	35.70	48.12	54.78	74.00	19.22	Peak
	5181.100	33.49	8.95	35.70	84.07	90.81	74.00	-16.81	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 78
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

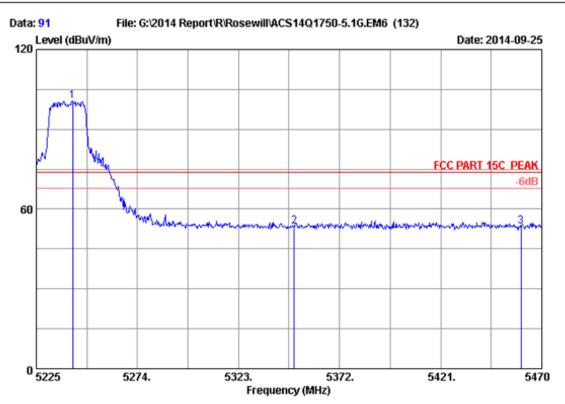
Test Mode : IEEE802.11ac VHT20 5180MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission	ı		
No.	Freq.	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		Remark
1	5150.000	33.44	8.92	35.70	35.70	42.36	54.00	11.64	Average
2	5181.100	33.49	8.95	35.70	68.99	75.73	54.00	-21.73	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 91
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

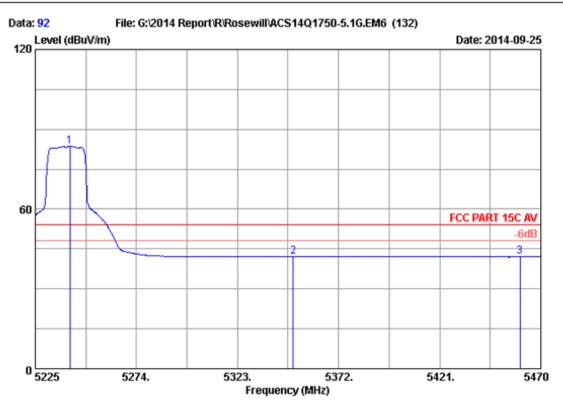
Test Mode : IEEE802.11ac VHT20 5240MHz Tx

M/N : RNX-AC750RT

No.	Freq.	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits		Remark
2	5242.640 5350.000 5460.000	33.59 33.76 33.94	9.02 9.13 9.25	35.70 35.70 35.70 35.70	93.82 46.37 45.94	100.73 53.56 53.43	74.00 74.00 74.00	-26.73 20.44 20.57	Peak Peak Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 92 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

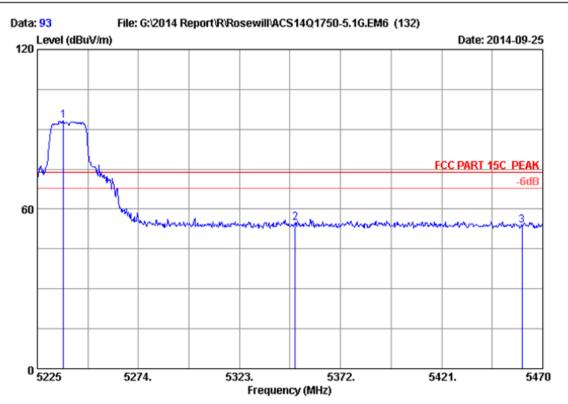
Test Mode : IEEE802.11ac VHT20 5240MHz Tx

M/N : RNX-AC750RT

	Ant.	Cable	AMP		Emission			
Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
5241.660	33.59	9.02	35.70	76.71	83.62	54.00	-29.62	Average
5350.000	33.76	9.13	35.70	34.80	41.99	54.00	12.01	Average
5460.000	33.94	9.25	35.70	34.50	41.99	54.00	12.01	Average
	(MHz) 5241.660 5350.000	Freq. Factor (MHz) (dB/m) 5241.660 33.59 5350.000 33.76	Freq. Factor Loss (MHz) (dB/m) (dB) 5241.660 33.59 9.02 5350.000 33.76 9.13	Freq. Factor Loss factor (MHz) (dB/m) (dB) (dB) 5241.660 33.59 9.02 35.70 5350.000 33.76 9.13 35.70	Freq. Factor Loss factor Reading (MHz) (dB/m) (dB) (dB) (dBuV) 5241.660 33.59 9.02 35.70 76.71 5350.000 33.76 9.13 35.70 34.80	Freq. Factor Loss factor Reading Level (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) 5241.660 33.59 9.02 35.70 76.71 83.62 5350.000 33.76 9.13 35.70 34.80 41.99	Freq. Factor Loss factor Reading Level Limits (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) 5241.660 33.59 9.02 35.70 76.71 83.62 54.00 5350.000 33.76 9.13 35.70 34.80 41.99 54.00	Freq. Factor Loss factor Reading Level Limits Margin (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) (dB) 5241.660 33.59 9.02 35.70 76.71 83.62 54.00 -29.62 5350.000 33.76 9.13 35.70 34.80 41.99 54.00 12.01

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 93
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

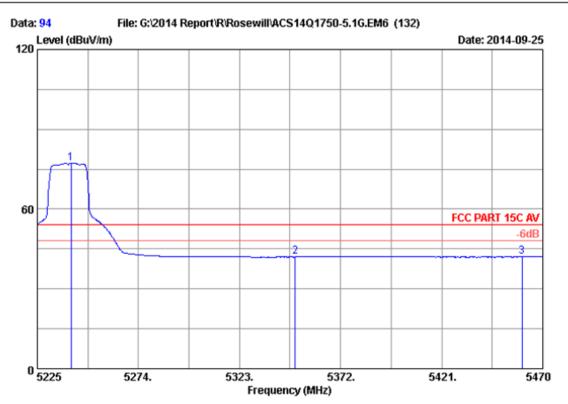
Test Mode : IEEE802.11ac VHT20 5240MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		Remark
1	5237.740	33.58	9.01	35.70	86.23	93.12	74.00	-19.12	Peak
2	5350.000	33.76	9.13	35.70	47.76	54.95	74.00	19.05	Peak
3	5460.000	33.94	9.25	35.70	46.40	53.89	74.00	20.11	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 94
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

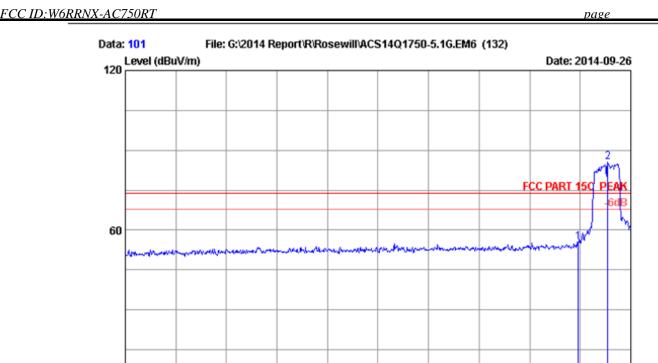
Test Mode : IEEE802.11ac VHT20 5240MHz Tx

M/N : RNX-AC750RT

	Ant.	Cable	AMP		Emission			
Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		Remark
5241.415	33.59	9.02	35.70	70.44	77.35	54.00	-23.35	Average
5350.000	33.76	9.13	35.70	34.77	41.96	54.00	12.04	Average
5460.000	33.94	9.25	35.70	34.49	41.98	54.00	12.02	Average
		Freq. Factor (MHz) (dB/m) 5241.415 33.59 5350.000 33.76	Freq. Factor Loss (MHz) (dB/m) (dB) 5241.415 33.59 9.02 5350.000 33.76 9.13	Freq. Factor Loss factor (MHz) (dB/m) (dB) (dB) 5241.415 33.59 9.02 35.70 5350.000 33.76 9.13 35.70	Freq. Factor Loss factor Reading (MHz) (dB/m) (dB) (dB) (dBuV) 5241.415 33.59 9.02 35.70 70.44 5350.000 33.76 9.13 35.70 34.77	Freq. Factor Loss factor Reading Level (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) 5241.415 33.59 9.02 35.70 70.44 77.35 5350.000 33.76 9.13 35.70 34.77 41.96	Freq. Factor Loss factor Reading Level Limits (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) 5241.415 33.59 9.02 35.70 70.44 77.35 54.00 5350.000 33.76 9.13 35.70 34.77 41.96 54.00	Freq. Factor Loss factor Reading Level Limits Margin (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) (dB) 5241.415 33.59 9.02 35.70 70.44 77.35 54.00 -23.35 5350.000 33.76 9.13 35.70 34.77 41.96 54.00 12.04

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 101
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

4790.

Frequency (MHz)

4935.

5080.

5225

Limit : FCC PART 15C PEAK

4645.

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

Test Mode : IEEE802.11ac VHT40 5190MHz Tx

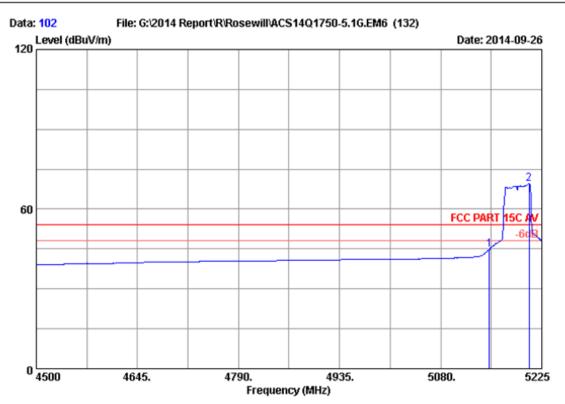
M/N : RNX-AC750RT

0 4500

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)			Remark
	5150.000 5192.375	33.44 33.51	8.92 8.97	35.70 35.70	48.81 78.70	55.47 85.48	74.00 74.00	18.53 -11.48	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 102 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C 9K-30M

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

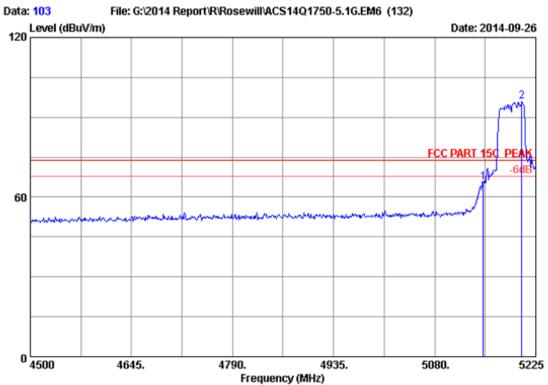
Test Mode : IEEE802.11ac VHT40 5190MHz Tx

M/N : RNX-AC750RT

No.	Freq.	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits	Remark
_	5150.000 5206.875	33.44 33.53	8.92 8.98	35.70 35.70	38.24 62.72	44.90 69.53	54.00 54.00	Average Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 103
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

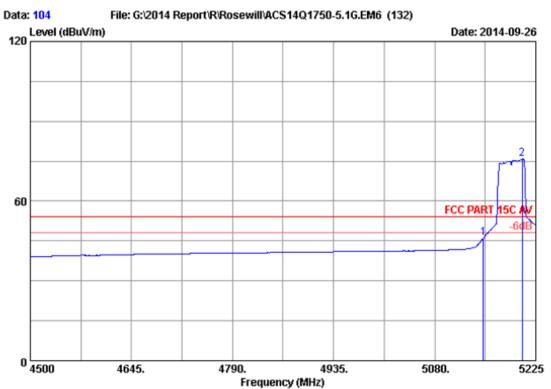
Test Mode : IEEE802.11ac VHT40 5190MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq.	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)		Margin (dB)	Remark
1	5150.000	33.44	8.92	35.70	58.71	65.37	74.00	8.63	Peak
2	5204.700	33.53	8.98	35.70	89.06	95.87	74.00	-21.87	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 104
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

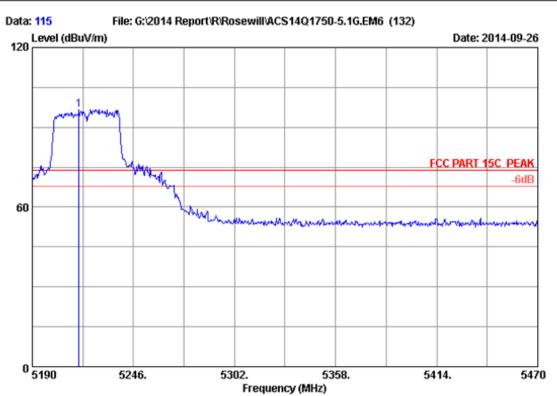
Test Mode : IEEE802.11ac VHT40 5190MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		Remark
1	5150.000	33.44	8.92	35.70	39.46	46.12	54.00	7.88	Average
_	5205.425	33.53	8.98	35.70	69.14	75.95			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 115 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

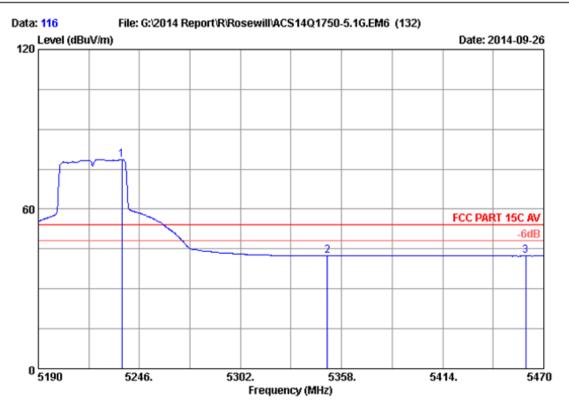
Test Mode : IEEE802.11ac VHT40 5230MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)		factor (dB)	Reading (dBuV)	Level (dBuV/m)			Remark
1	5215.760	33.55	8.99	35.70	89.85	96.69	74.00	-22.69	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 116
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

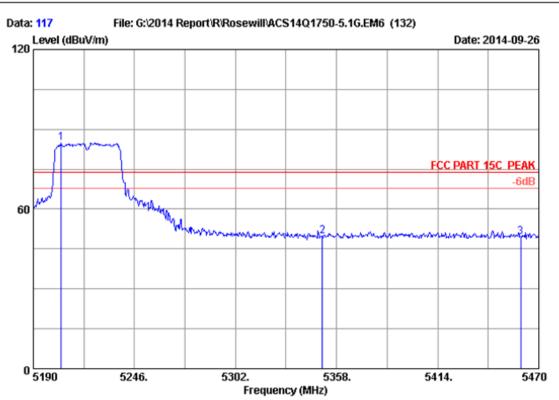
Test Mode : IEEE802.11ac VHT40 5230MHz Tx

M/N : RNX-AC750RT

			L	Emission		AMP	Cable	Ant.		
Remark	in Rema B)		Limits (dBuV/m)	Level (dBuV/m)	Reading (dBuV)	factor (dB)	Loss (dB)	Factor (dB/m)	Freq. (MHz)	No.
Average	9 Aver	-24.69	54.00	78.69	71.80	35.70	9.01	33.58	5236.200	1
Average	2 Aver	11.62	54.00	42.38	35.19	35.70	9.13	33.76	5350.000	2
Average	9 Aver	11.69	54.00	42.31	34.82	35.70	9.25	33.94	5460.000	3
À٦	9 A	-24.69 11.62	54.00 54.00	78.69 42.38	71.80 35.19	35.70 35.70	9.01	33.58 33.76	5236.200 5350.000	2

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 117
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

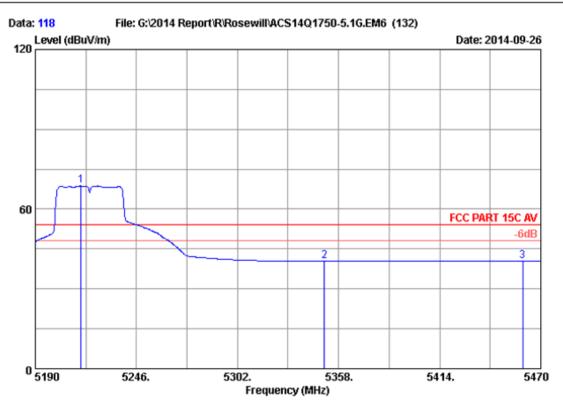
Test Mode : IEEE802.11ac VHT40 5230MHz Tx

M/N : RNX-AC750RT

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits		Remark
1	5205.400	33.53	8.98	35.70	78.10	84.91	74.00	-10.91	Peak
2	5350.000	33.76	9.13	35.70	42.72	49.91	74.00	24.09	Peak
3	5460.000	33.94	9.25	35.70	41.95	49.44	74.00	24.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 118
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

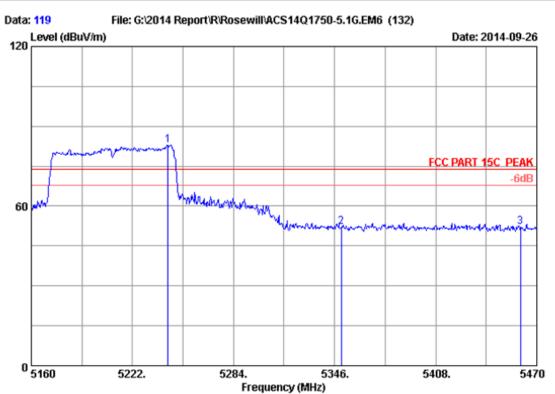
Test Mode : IEEE802.11ac VHT40 5230MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5215.200	33.54	8.99	35.70	61.89	68.72	54.00	-14.72	Average
2	5350.000	33.76	9.13	35.70	33.16	40.35	54.00	13.65	Average
3	5460.000	33.94	9.25	35.70	32.84	40.33	54.00	13.67	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 119
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

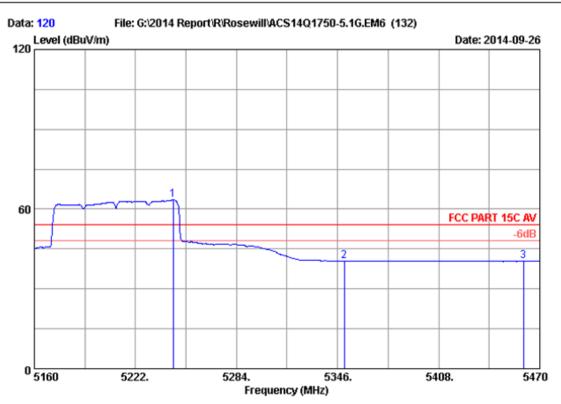
Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5243.700	33.59	9.02	35.70	76.02	82.93	74.00	-8.93	Peak
2	5350.000	33.76	9.13	35.70	45.06	52.25	74.00	21.75	Peak
3	5460.000	33.94	9.25	35.70	44.75	52.24	74.00	21.76	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 120
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

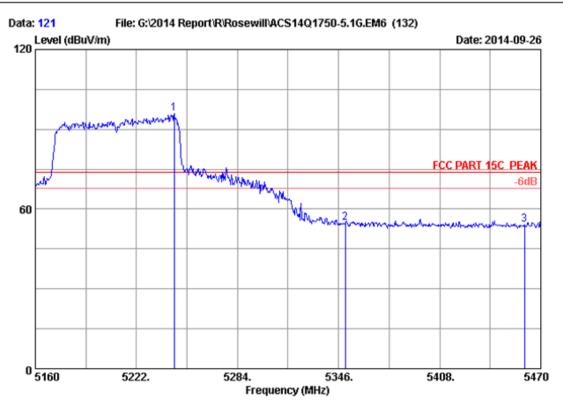
Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

	Ant.	Cable	AMP		Emission			
Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
5245.250	33.59	9.02	35.70	56.57	63.48	54.00	-9.48	Average
5350.000	33.76	9.13	35.70	33.36	40.55	54.00	13.45	Average
5460.000	33.94	9.25	35.70	32.84	40.33	54.00	13.67	Average
	(MHz) 5245.250 5350.000	Freq. Factor (MHz) (dB/m) 5245.250 33.59 5350.000 33.76	Freq. Factor Loss (MHz) (dB/m) (dB) 5245.250 33.59 9.02 5350.000 33.76 9.13	Freq. Factor Loss factor (MHz) (dB/m) (dB) (dB) 5245.250 33.59 9.02 35.70 5350.000 33.76 9.13 35.70	Freq. Factor Loss factor Reading (MHz) (dB/m) (dB) (dB) (dBuV) 5245.250 33.59 9.02 35.70 56.57 5350.000 33.76 9.13 35.70 33.36	Freq. Factor Loss factor Reading Level (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) 5245.250 33.59 9.02 35.70 56.57 63.48 5350.000 33.76 9.13 35.70 33.36 40.55	Freq. Factor Loss factor Reading Level Limits (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) 5245.250 33.59 9.02 35.70 56.57 63.48 54.00 5350.000 33.76 9.13 35.70 33.36 40.55 54.00	Freq. Factor Loss factor Reading Level Limits Margin (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) (dB) 5245.250 33.59 9.02 35.70 56.57 63.48 54.00 -9.48 5350.000 33.76 9.13 35.70 33.36 40.55 54.00 13.45

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 121
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		Remark
1	5245.250	33.59	9.02	35.70	88.93	95.84	74.00	-21.84	Peak
2	5350.000	33.76	9.13	35.70	47.56	54.75	74.00	19.25	Peak
3	5460.000	33.94	9.25	35.70	46.50	53.99	74.00	20.01	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 122
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

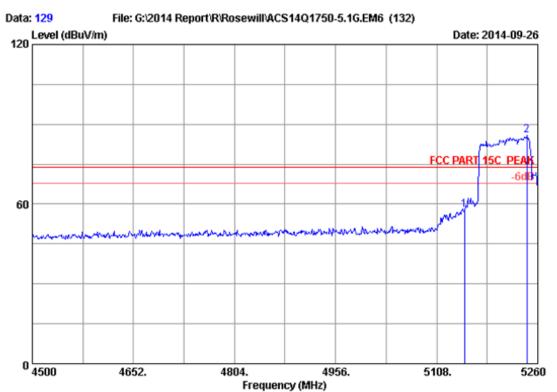
Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

	Ant.	Cable	AMP		Emission			
Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		Remark
5245.250	33.59	9.02	35.70	66.72	73.63	54.00	-19.63	Average
5350.000	33.76	9.13	35.70	35.43	42.62	54.00	11.38	Average
5460.000	33.94	9.25	35.70	34.86	42.35	54.00	11.65	Average
	(MHz) 5245.250 5350.000	Freq. Factor (MHz) (dB/m) 5245.250 33.59 5350.000 33.76	Freq. Factor Loss (MHz) (dB/m) (dB) 5245.250 33.59 9.02 5350.000 33.76 9.13	Freq. Factor Loss factor (MHz) (dB/m) (dB) (dB) 5245.250 33.59 9.02 35.70 5350.000 33.76 9.13 35.70	Freq. Factor Loss factor Reading (MHz) (dB/m) (dB) (dB) (dBuV) 5245.250 33.59 9.02 35.70 66.72 5350.000 33.76 9.13 35.70 35.43	Freq. Factor Loss factor Reading Level (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) 5245.250 33.59 9.02 35.70 66.72 73.63 5350.000 33.76 9.13 35.70 35.43 42.62	Freq. Factor Loss factor Reading Level Limits (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) 5245.250 33.59 9.02 35.70 66.72 73.63 54.00 5350.000 33.76 9.13 35.70 35.43 42.62 54.00	Freq. Factor Loss factor Reading Level Limits Margin (MHz) (dB/m) (dB) (dB) (dBuV) (dBuV/m) (dBuV/m) (dB) 5245.250 33.59 9.02 35.70 66.72 73.63 54.00 -19.63 5350.000 33.76 9.13 35.70 35.43 42.62 54.00 11.38

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor





Site no. : 3m Chamber Data no. : 129
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

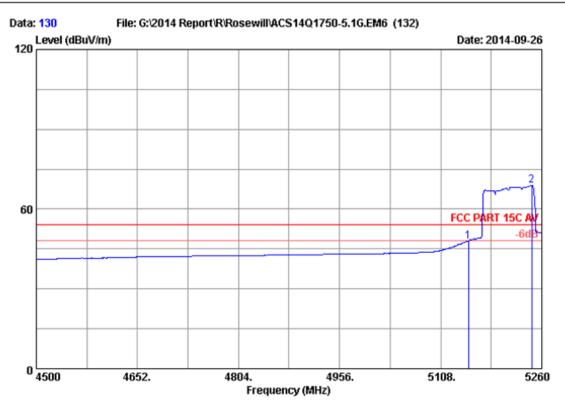
Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission			
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)			Remark
_	5150.000 5243.280	33.44 33.59		35.70 35.70	51.10 79.09	57.76 86.00	74.00 74.00	16.24 -12.00	Peak Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 130
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

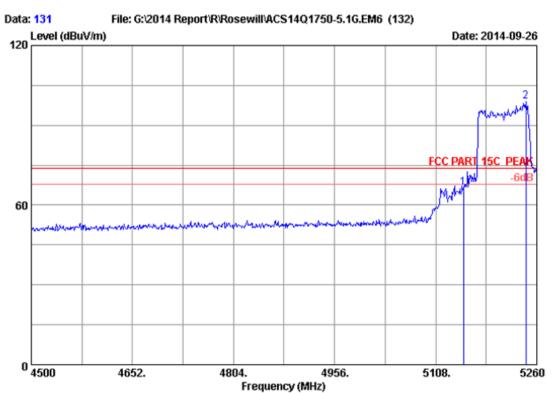
Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

		Ant.	Cable	AMP		Emission	ı		
No.	Freq. (MHz)	Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		Remark
1	5150.000	33.44	8.92	35.70	41.14	47.80	54.00	6.20	Average
2	5244.800	33.59	9.02	35.70	62.01	68.92	54.00	-14.92	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor





Site no. : 3m Chamber Data no. : 131 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C PEAK

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

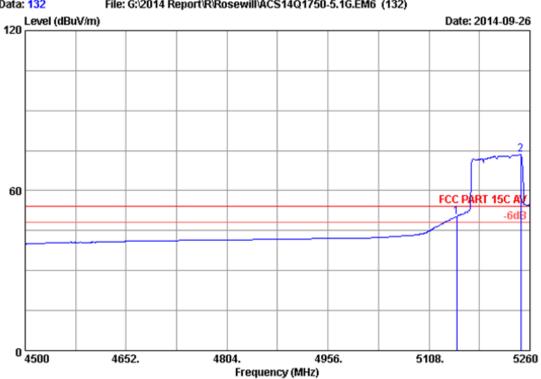
No.	Freq.	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits	Margin (dB)	Remark
_	5150.000	33.44	8.92	35.70	59.94	66.60	74.00	7.40	Peak
	5243.280	33.59	9.02	35.70	92.04	98.95	74.00	-24.95	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor



FCC ID: W6RRNX-AC750RT page 5-49

Data: 132 File: G:\2014 Report\R\Rosewill\ACS14Q1750-5.1G.EM6 (132)



Site no. : 3m Chamber Data no. : 132 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL

Limit : FCC PART 15C AV

Env. / Ins. : 24*C/56% Engineer : Leo-Li

EUT : AC750 Wireless Dual Band Gigabit Router Power Rating : DC 12V From Adapter Input AC 120V/60Hz

Test Mode : IEEE802.11ac VHT80 5210MHz Tx

M/N : RNX-AC750RT

No.	Freq.	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits	_	Remark
	5150.000 5246.320	33.44 33.59	8.92 9.02	35.70 35.70	43.42 66.59	50.08 73.50	54.00 54.00		Average Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor

6. 20dB & 26dB Bandwidth Test

6.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr. 28,14	1 Year

6.2.Limit

No limit.

6.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 300kHz RBW and 1 MHz VBW. The 26dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 26dB.

6.4. Test Results



20dB bandwidth

EUT:AC750 Wireless Dual Band	EUT:AC750 Wireless Dual Band Gigabit Router							
M/N:PW-AC4573R								
Test date: 2014-06-11 Pressure: 101.3±1.0 kpa Humidity:53.4±3.0%								
Tested by: Kevin_Hu	Test site: RF site	Temperature:21.8±0.6 ℃						

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	20dB bandwidth (MHz)	Limit (KHz)
		ANT 0	
11a	5180	18.69	N/A
	5200	18.72	N/A
	5240	18.53	N/A
11n HT20	5180	19.17	N/A
	5200	19.50	N/A
	5240	19.33	N/A
11n HT40	5190	39.17	N/A
	5230	38.76	N/A
11ac VHT20	5180	19.15	N/A
	5200	19.40	N/A
	5240	19.17	N/A
11ac VHT40	5190	38.89	N/A
	5230	38.91	N/A
11ac VHT80	5210	79.66	N/A
Conclusion: P.	ASS		



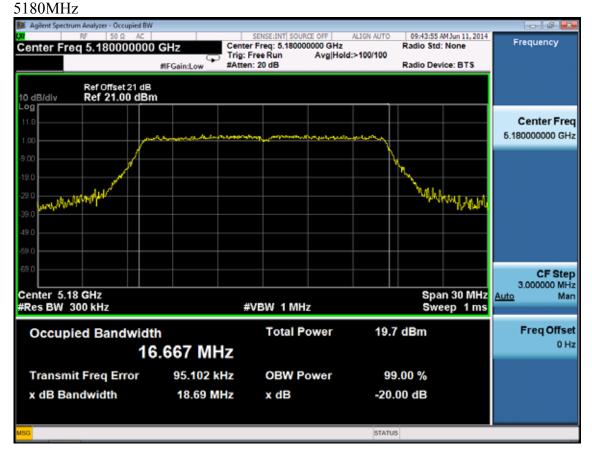
26dB bandwidth

EUT:AC750 Wireless Dual Band Gigabit Router					
M/N:PW-AC4573R					
Test date: 2014-06-11	Pressure: 101.3±1.0 kpa	Humidity:53.4±3.0%			
Tested by: Kevin_Hu	Test site: RF site	Temperature:21.8±0.6 ℃			

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	26dB bandwidth (MHz)	Limit (KHz)
		ANT 0	
11a	5180	20.13	N/A
	5200	19.88	N/A
	5240	19.95	N/A
11n HT20	5180	20.32	N/A
	5200	21.07	N/A
	5240	20.20	N/A
11n HT40	5190	41.02	N/A
	5230	40.76	N/A
1100	5180	20.62	N/A
11ac VHT20	5200	20.70	N/A
	5240	20.63	N/A
11ac VHT40	5190	41.05	N/A
	5230	40.45	N/A
11ac VHT80	5210	83.11	N/A
Conclusion: PA	ASS		

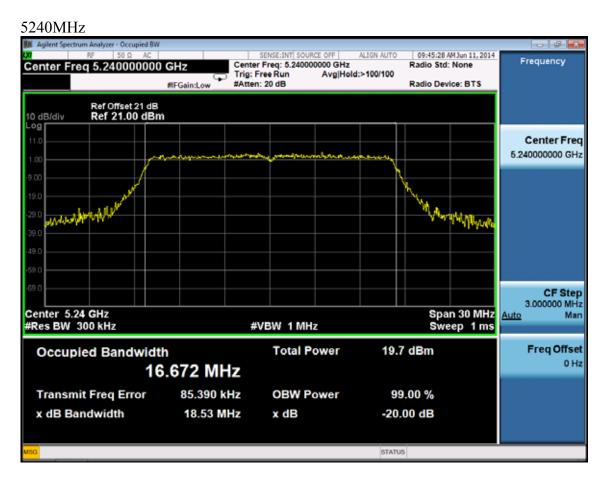


11a



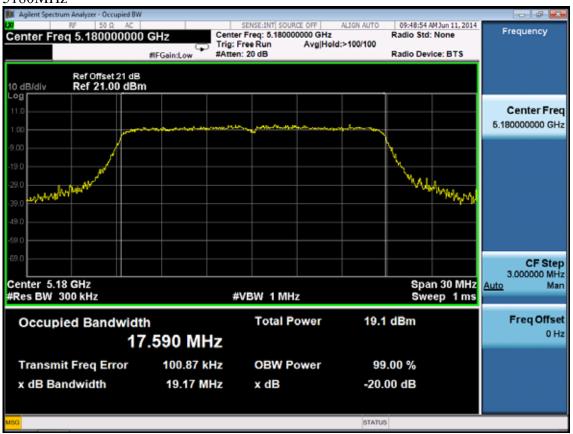






11n HT20







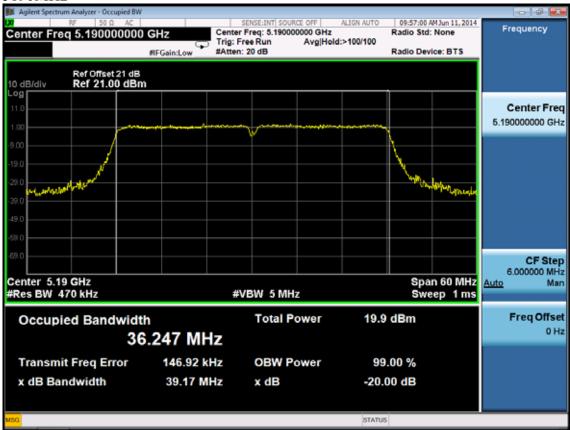
5200MHz SENSE:INT SOURCE OFF ALIGN AUTO Center Freq: 5.200000000 GHz Trig: Free Run Avg|Hold:>100/100 09:48:10 AM Jun 11, 2014 Center Freq 5.200000000 GHz Radio Device: BTS Ref Offset 21 dB Ref 21.00 dBm 10 dB/div Log Center Freq 5.200000000 GHz **CF Step** 3.000000 MHz Center 5.2 GHz #Res BW 300 kHz Span 30 MHz Man #VBW 1 MHz Sweep 1 ms **Total Power** 20.1 dBm Freq Offset Occupied Bandwidth 0 Hz 17.590 MHz Transmit Freg Error 83.960 kHz **OBW Power** 99.00 % x dB Bandwidth x dB -20.00 dB 19.50 MHz STATUS

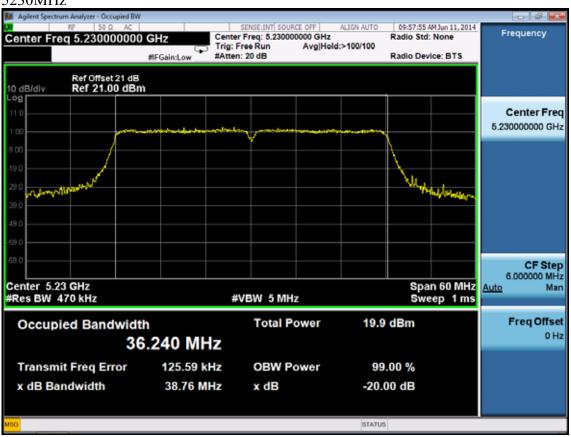




11n HT40

5190MHz







11ac VHT20

5180MHz

