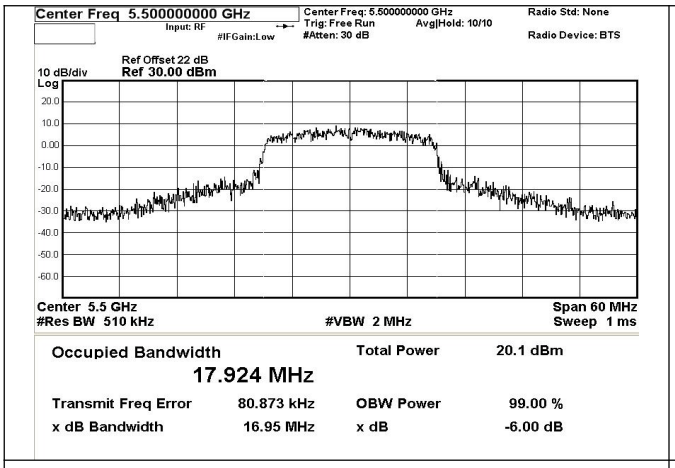
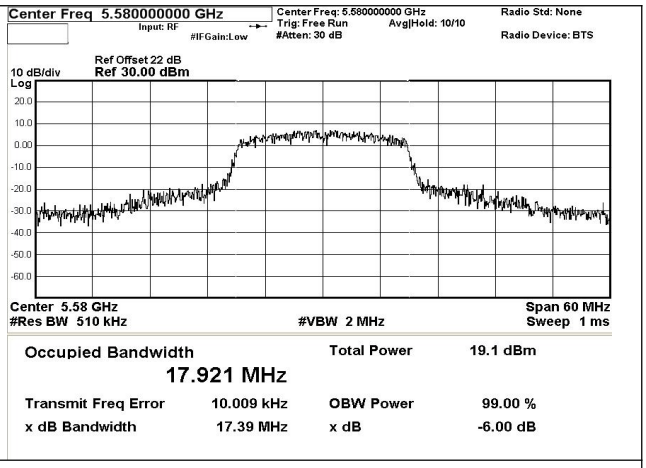
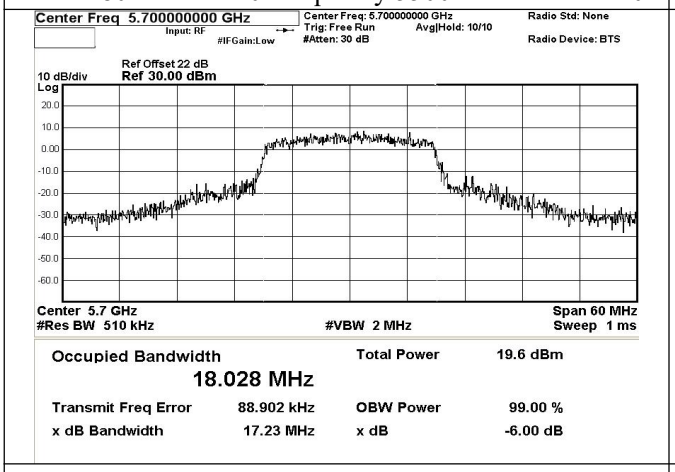
Test Mode: 802.11n HT20



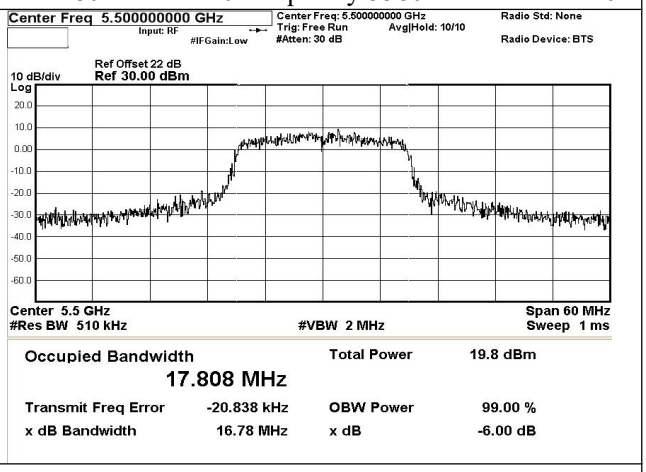
Mode:802.11n HT20 Frequency:5500MHz Ant:Chain0



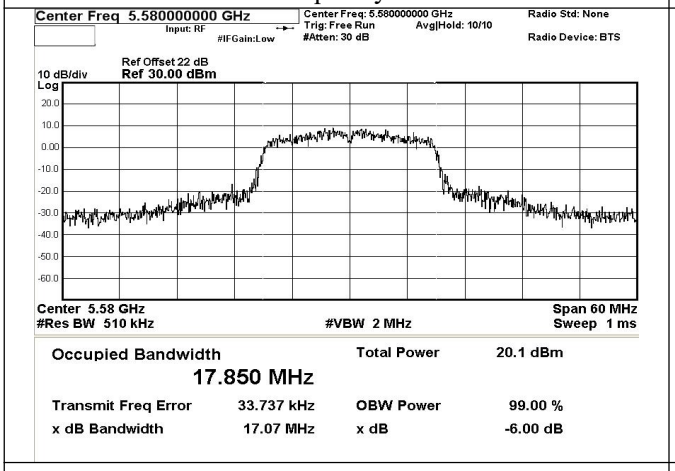
Mode:802.11n HT20 Frequency:5580MHz Ant:Chain0



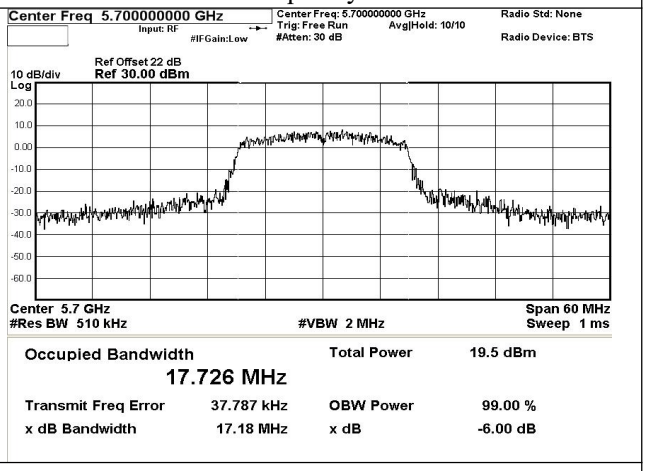
Mode:802.11n HT20 Frequency:5700MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5500MHz Ant:Chain1

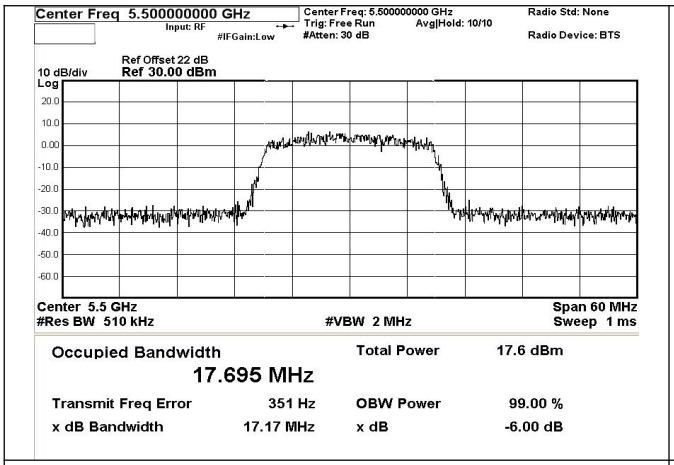


Mode:802.11n HT20 Frequency:5580MHz Ant:Chain1

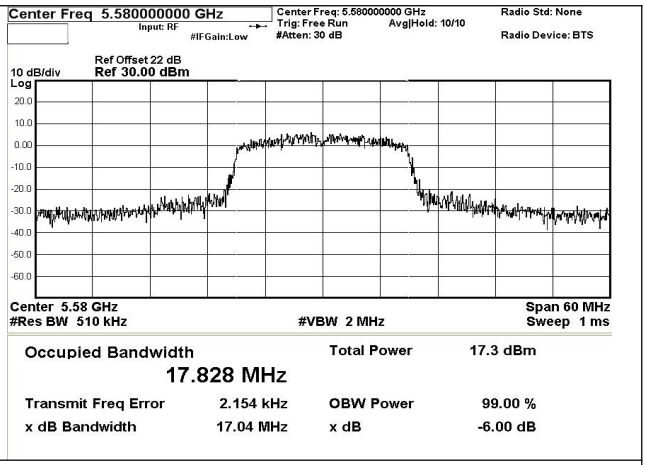


Mode:802.11n HT20 Frequency:5700MHz Ant:Chain1

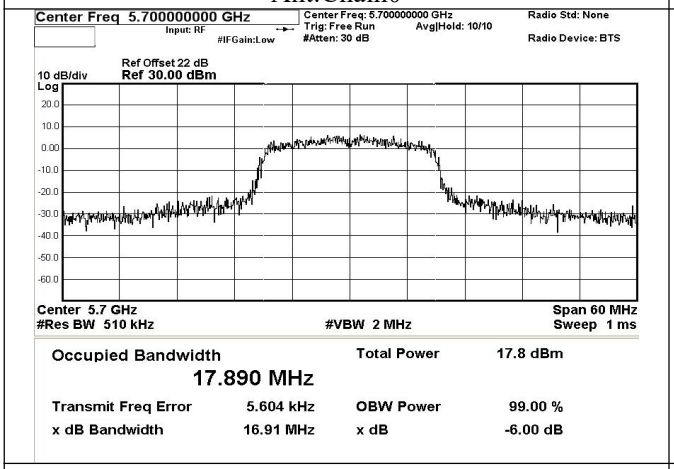
Test Mode: 802.11ac VHT20



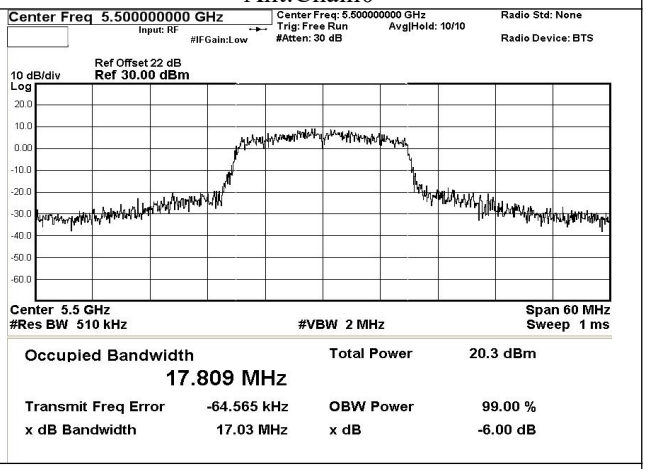
Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain0



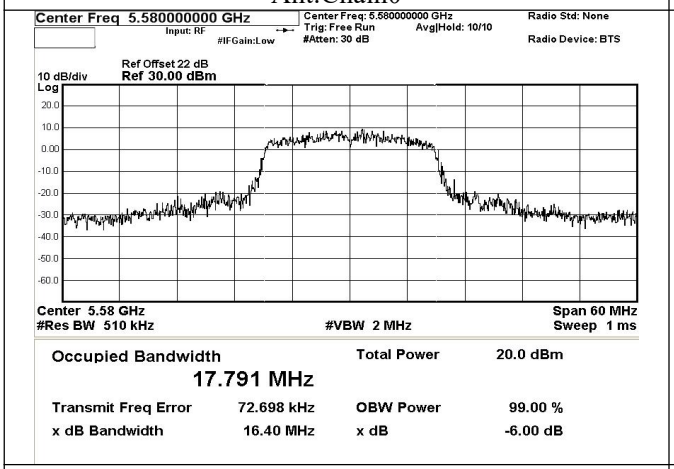
Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain0



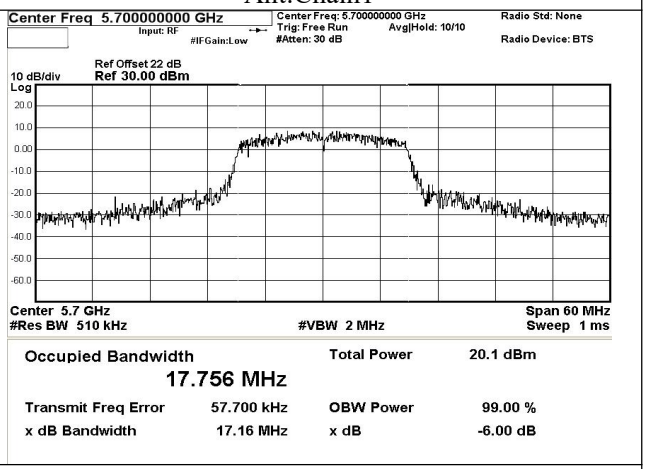
Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain1

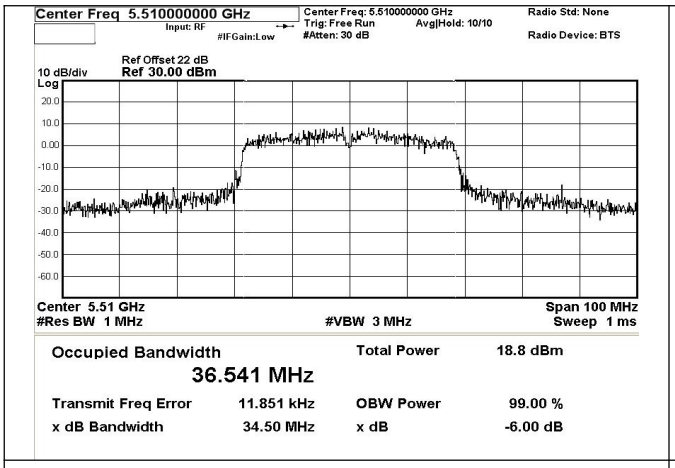


Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain1

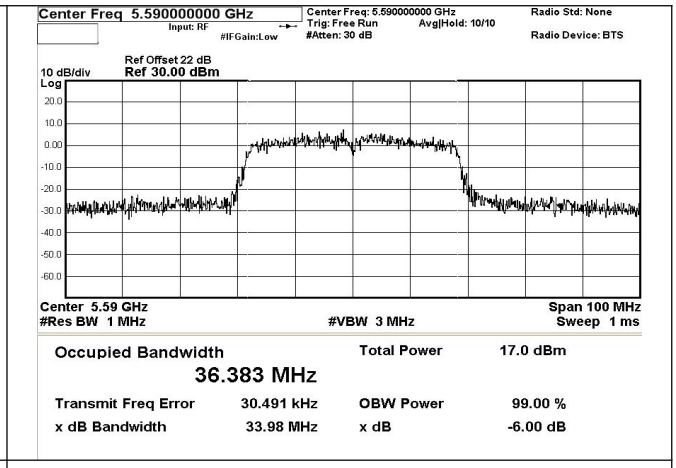


Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain1

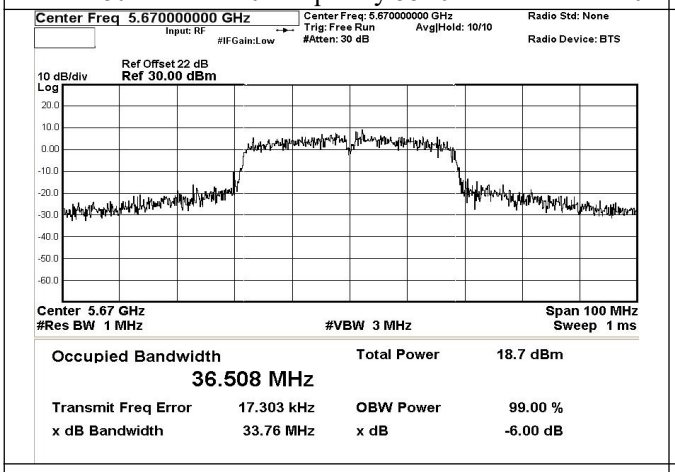
Test Mode: 802.11n HT40



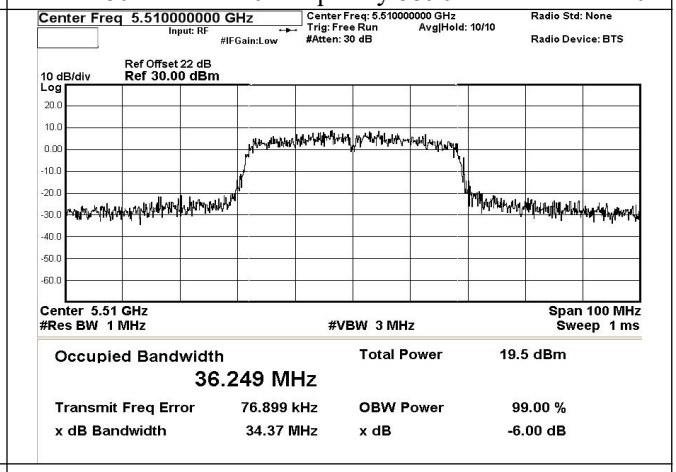
Mode:802.11n HT40 Frequency:5510MHz Ant:Chain0



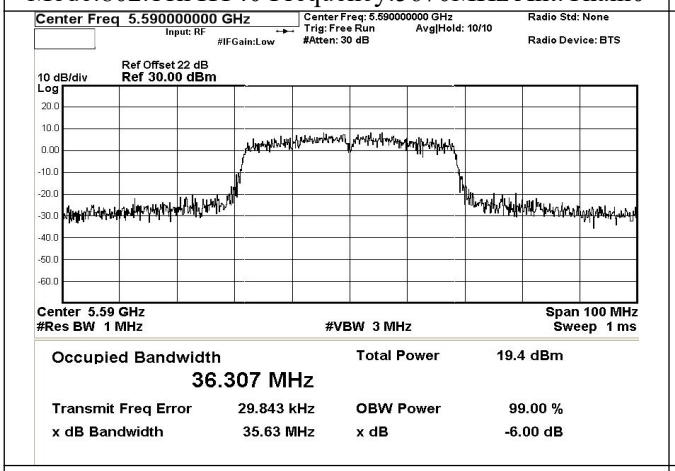
Mode:802.11n HT40 Frequency:5590MHz Ant:Chain0



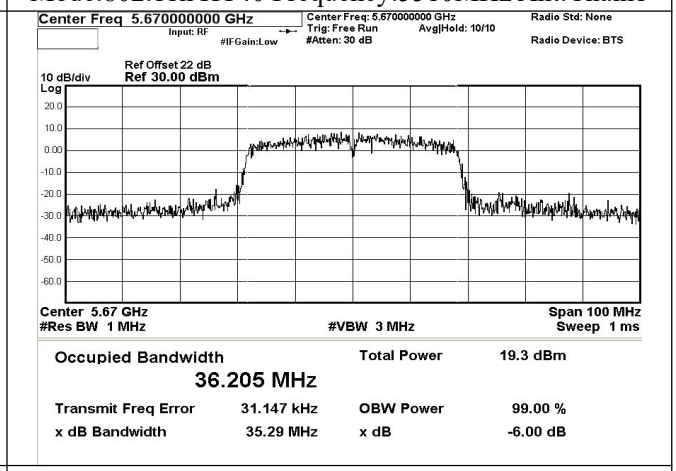
Mode:802.11n HT40 Frequency:5670MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5510MHz Ant:Chain1

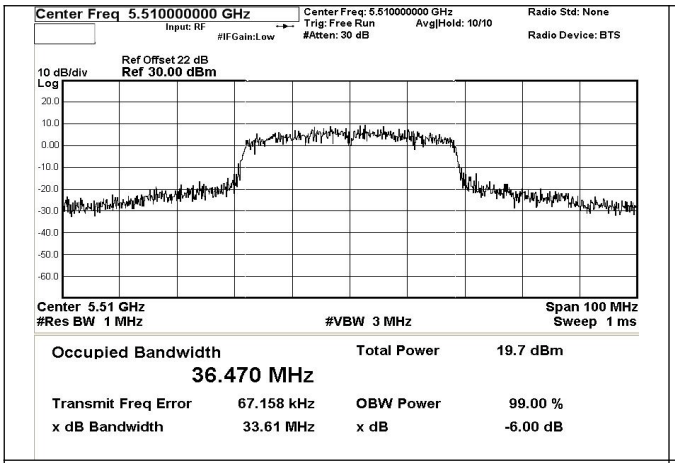


Mode:802.11n HT40 Frequency:5590MHz Ant:Chain1

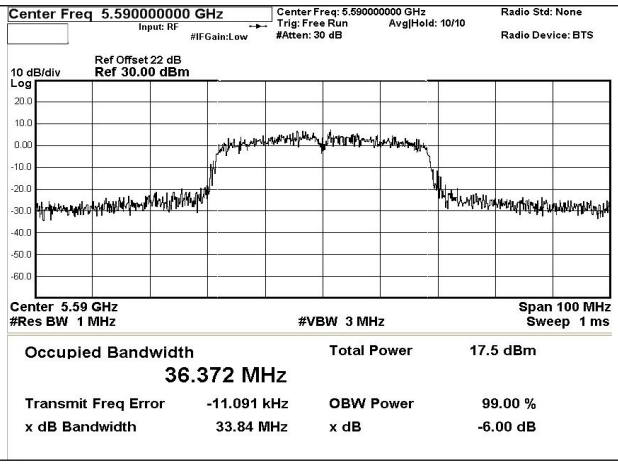


Mode:802.11n HT40 Frequency:5670MHz Ant:Chain1

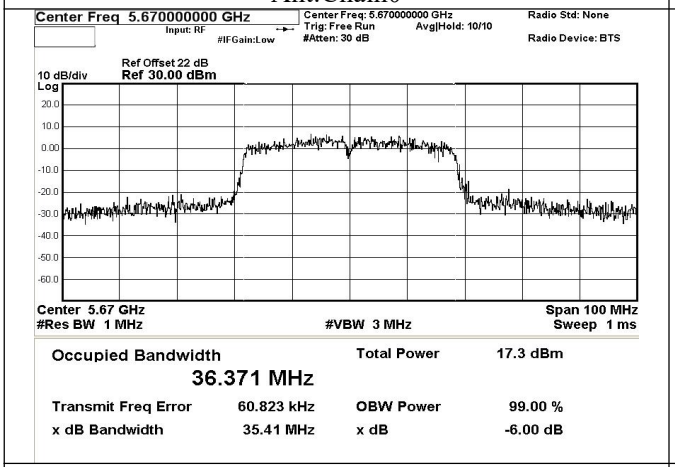
Test Mode: 802.11ac VHT40



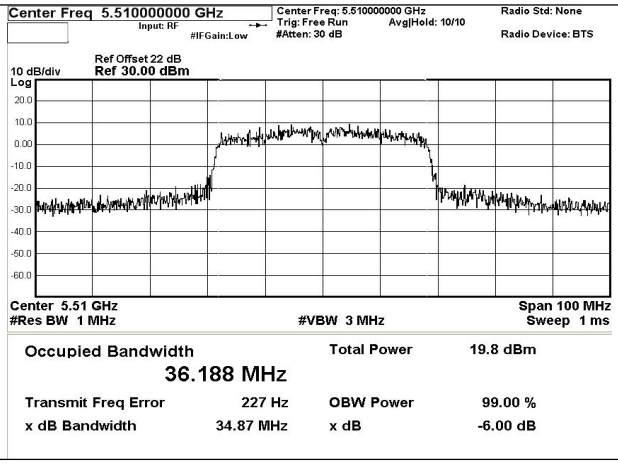
Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain0



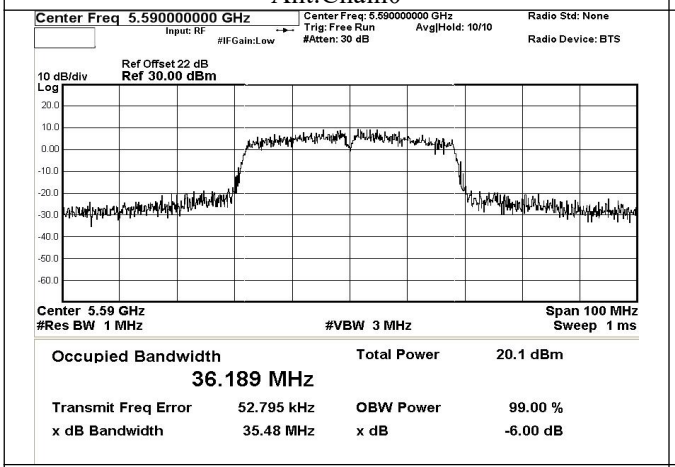
Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain0



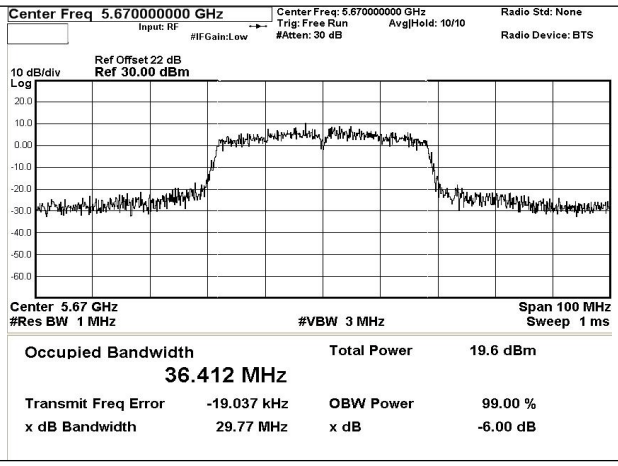
Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain1

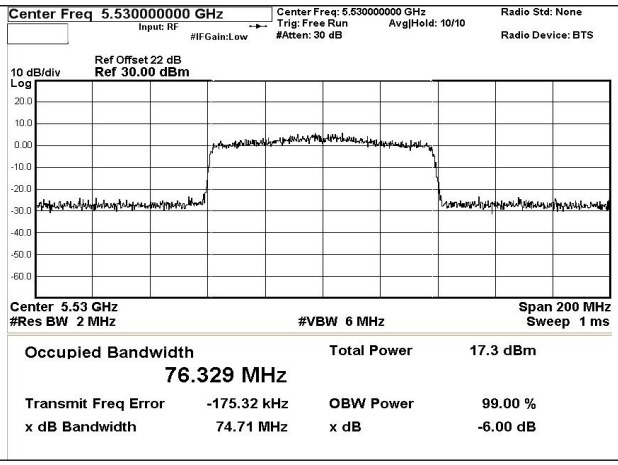


Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain1

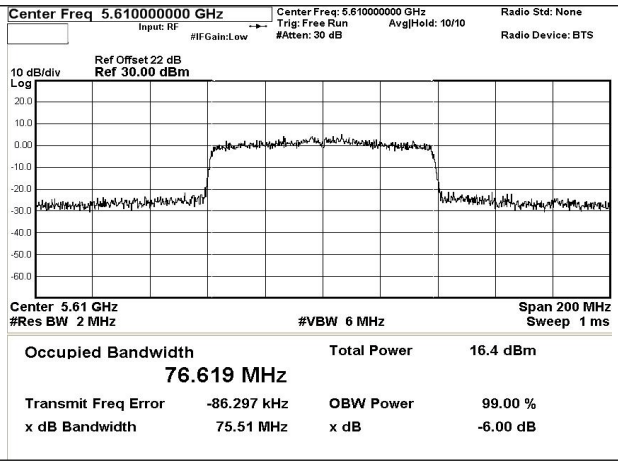


Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain1

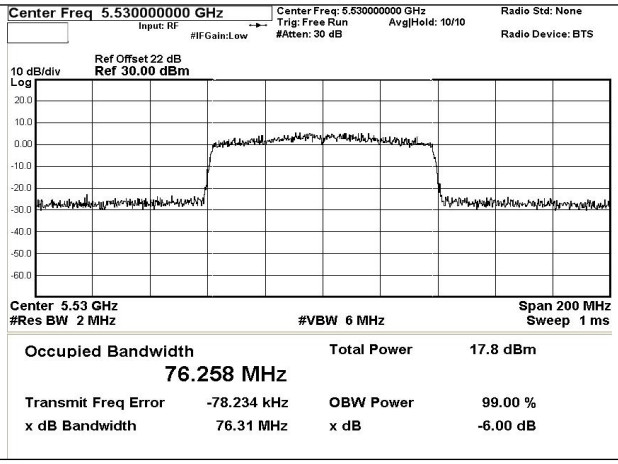
Test Mode: 802.11ac VHT80



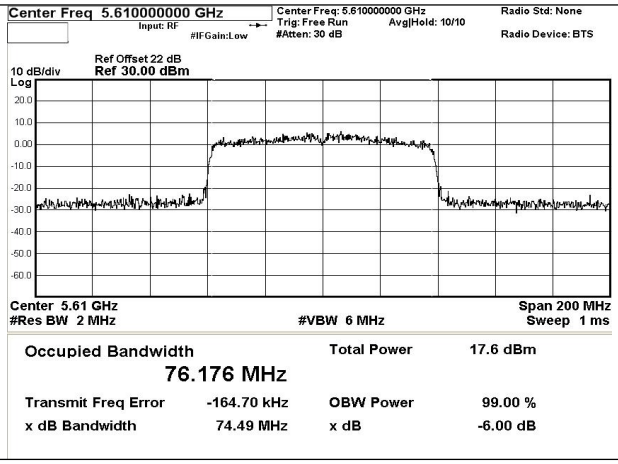
Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain1



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain1

Transmitter Power Spectral Density

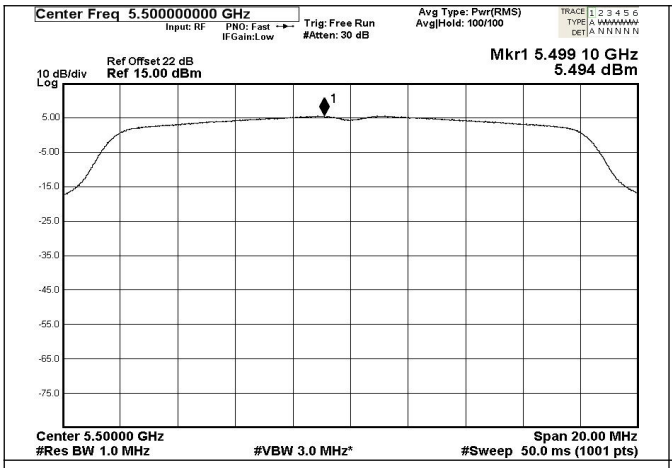
Offset 22dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Tones	5500MHz		5580MHz		5700MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0.00	5.494	0.00	5.370	0.00	5.064
802.11a	Chain1	NA	0.00	5.440	0.00	5.368	0.00	5.381
802.11n HT20	Chain0	NA	0.00	5.379	0.00	5.220	0.00	5.301
802.11n HT20	Chain1	NA	0.00	5.163	0.00	5.371	0.00	4.908
802.11n HT20	MIMO	NA	0.00	8.283	0.00	8.306	0.00	8.119
802.11ac VHT20	Chain0	NA	0.00	2.932	0.00	2.923	0.00	3.122
802.11ac VHT20	Chain1	NA	0.00	5.447	0.00	5.279	0.00	5.405
802.11ac VHT20	MIMO	NA	0.00	7.379	0.00	7.269	0.00	7.422

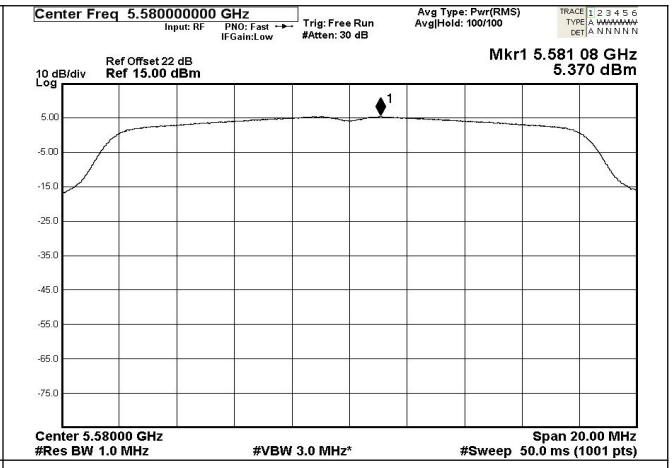
Test Mode	Antenna	Tones	5510MHz		5590MHz		5670MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	0.00	0.669	0.00	0.627	0.00	0.689
802.11n HT40	Chain1	NA	0.00	1.125	0.00	1.181	0.00	1.197
802.11n HT40	MIMO	NA	0.00	3.913	0.00	3.923	0.00	3.961
802.11ac VHT40	Chain0	NA	0.00	1.475	0.00	1.317	0.00	1.007
802.11ac VHT40	Chain1	NA	0.00	1.666	0.00	1.711	0.00	1.562
802.11ac VHT40	MIMO	NA	0.00	4.582	0.00	4.529	0.00	4.304

Test Mode	Antenna	Tones	5530MHz		---		5610MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	0.00	-3.348	---	---	0.00	-3.913
802.11ac VHT80	Chain1	NA	0.00	-2.913	---	---	0.00	-2.901
802.11ac VHT80	MIMO	NA	0.00	-0.115	---	---	0.00	-0.367

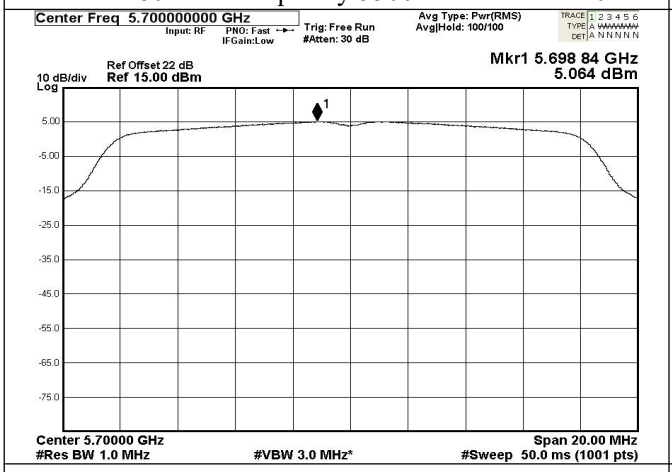
Test Mode: 802.11a



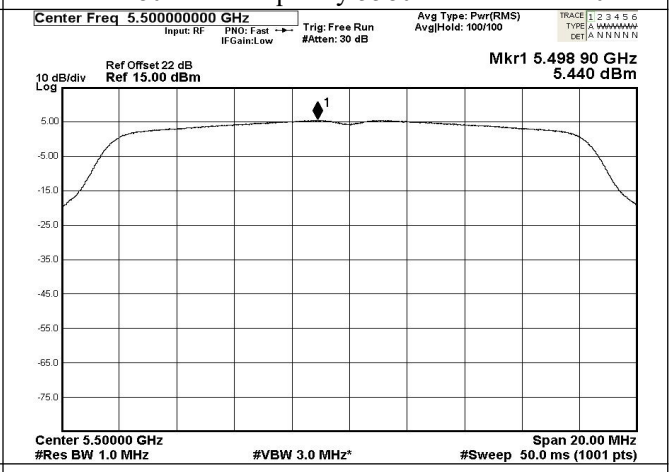
Mode:802.11a Frequency:5500MHz Ant:Chain0



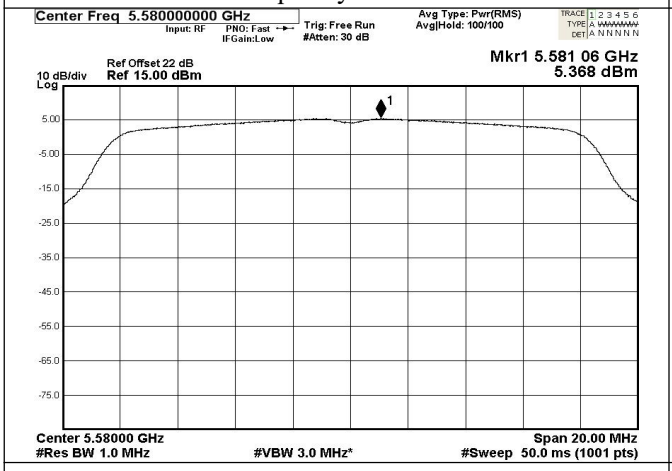
Mode:802.11a Frequency:5580MHz Ant:Chain0



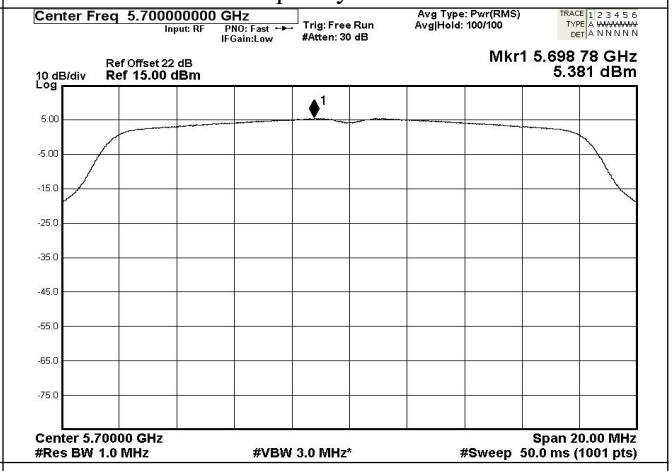
Mode:802.11a Frequency:5700MHz Ant:Chain0



Mode:802.11a Frequency:5500MHz Ant:Chain1

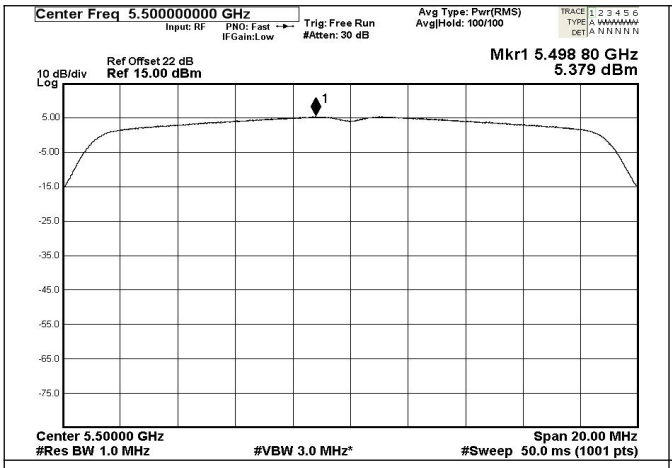


Mode:802.11a Frequency:5580MHz Ant:Chain1

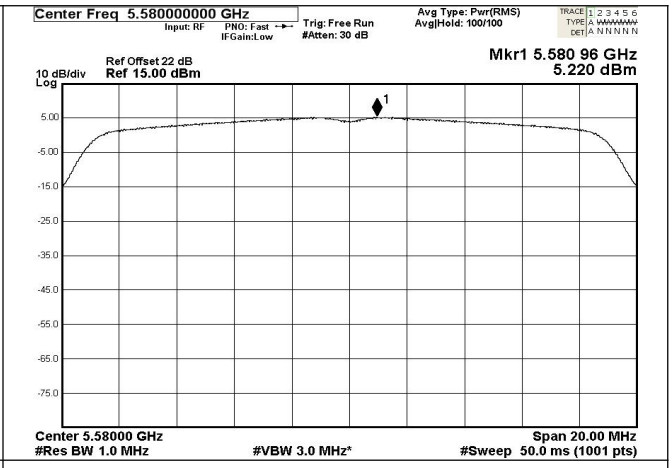


Mode:802.11a Frequency:5700MHz Ant:Chain1

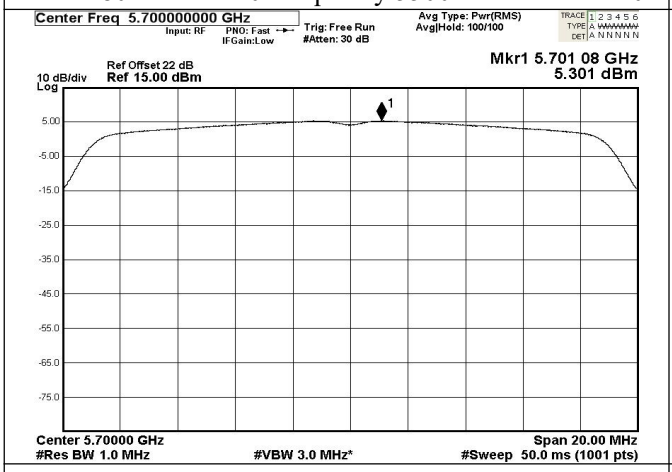
Test Mode: 802.11n HT20



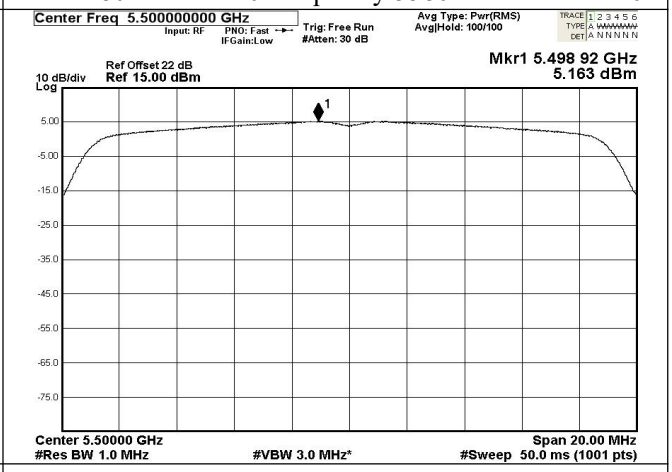
Mode:802.11n HT20 Frequency:5500MHz Ant:Chain0



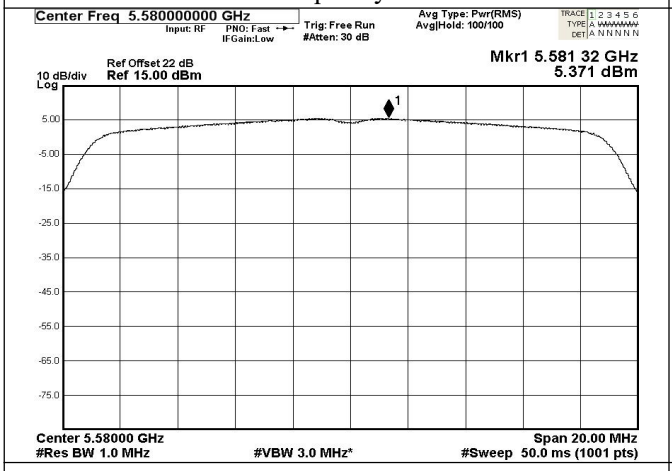
Mode:802.11n HT20 Frequency:5580MHz Ant:Chain0



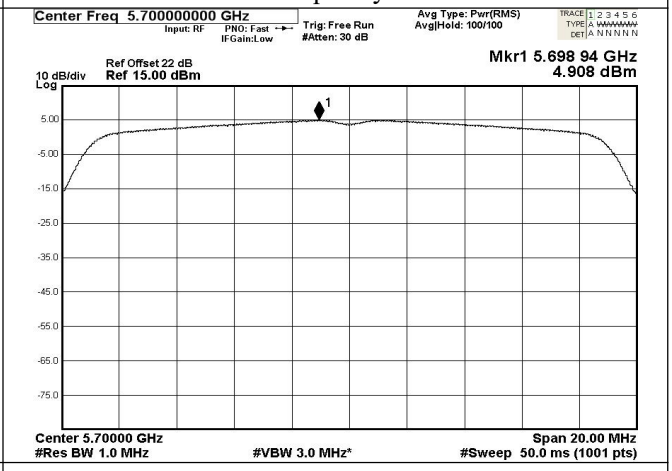
Mode:802.11n HT20 Frequency:5700MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5500MHz Ant:Chain1

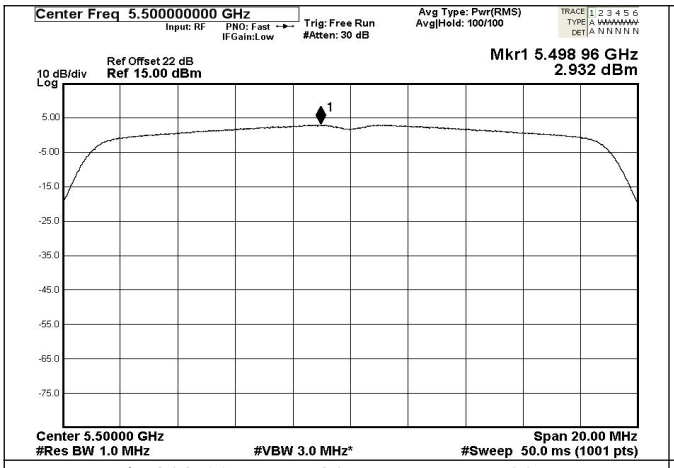


Mode:802.11n HT20 Frequency:5580MHz Ant:Chain1

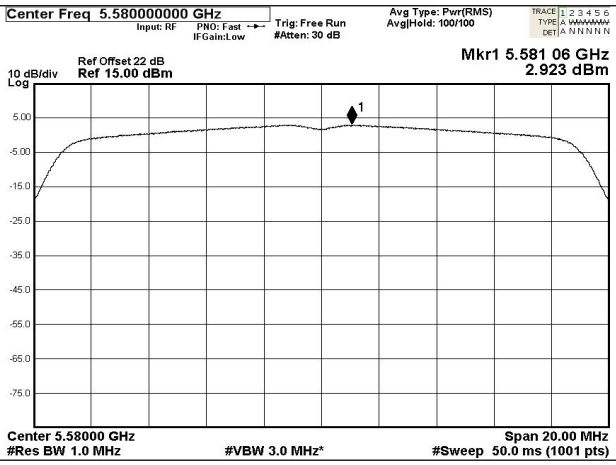


Mode:802.11n HT20 Frequency:5700MHz Ant:Chain1

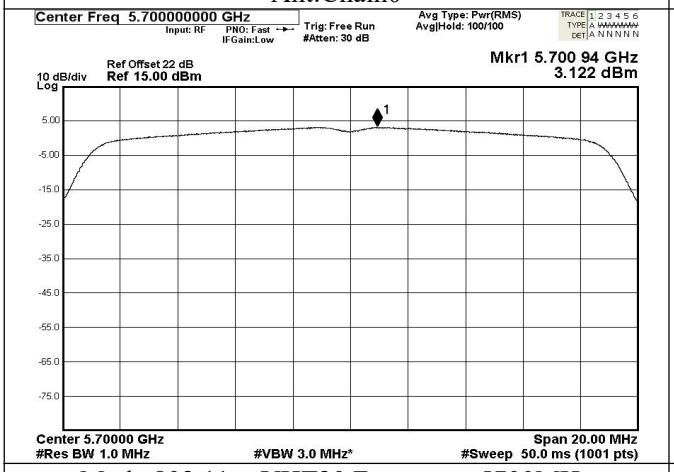
Test Mode: 802.11ac VHT20



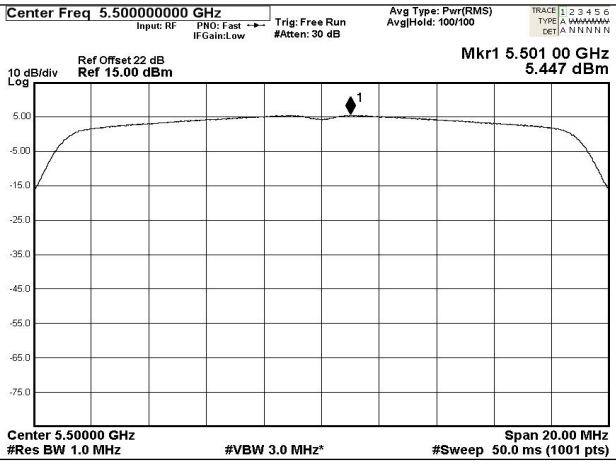
Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain0



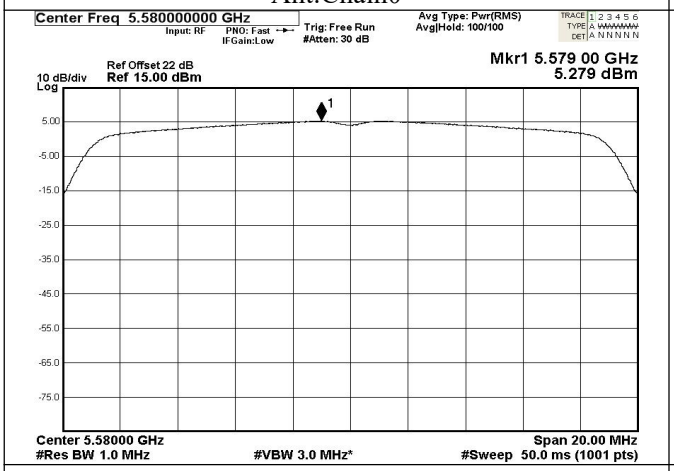
Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain0



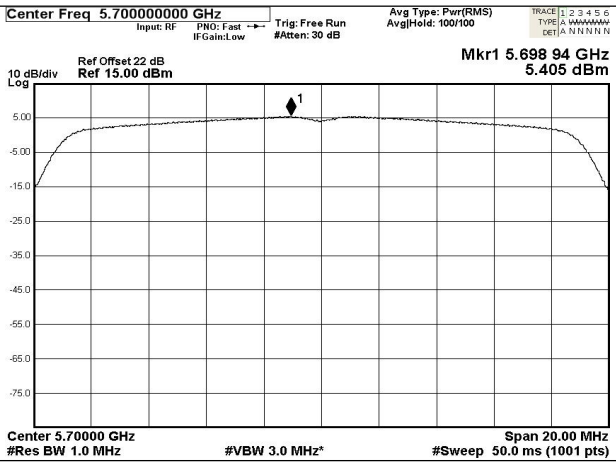
Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain1

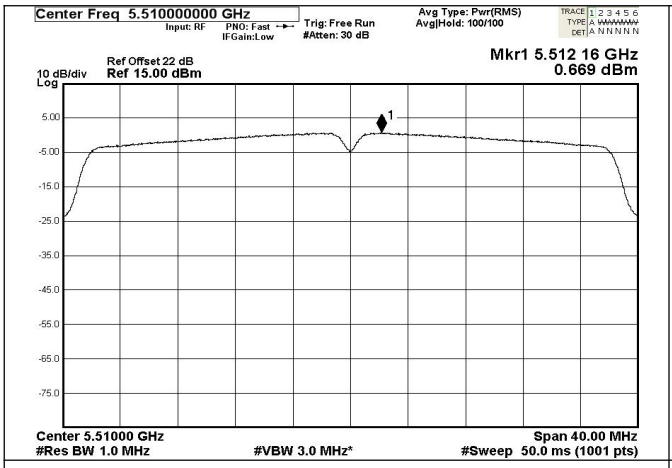


Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain1

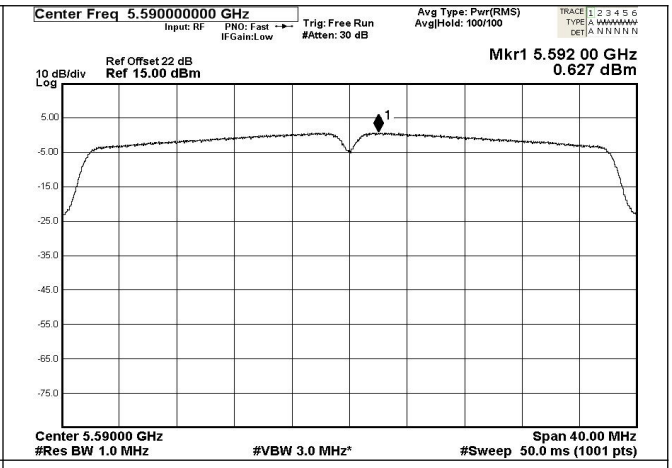


Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain1

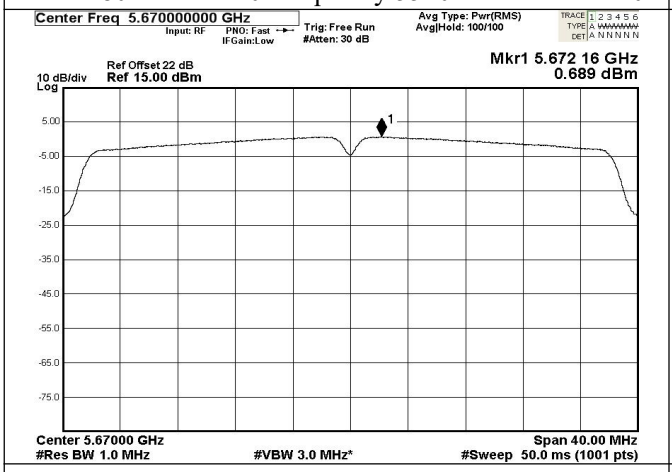
Test Mode: 802.11n HT40



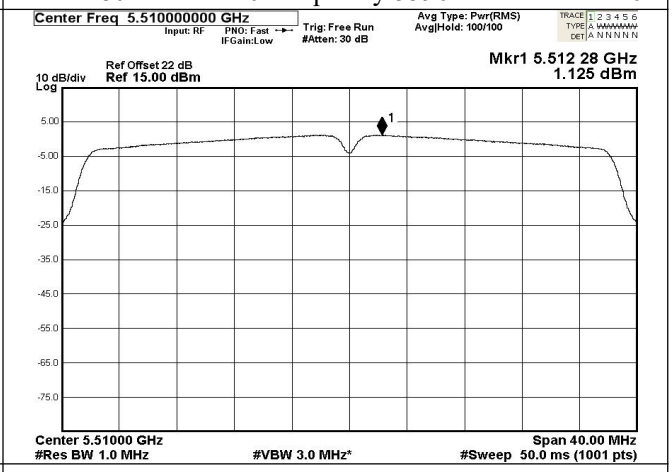
Mode:802.11n HT40 Frequency:5510MHz Ant:Chain0



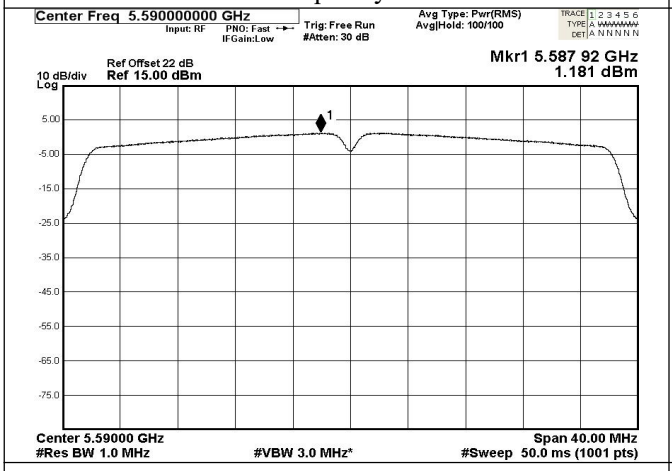
Mode:802.11n HT40 Frequency:5590MHz Ant:Chain0



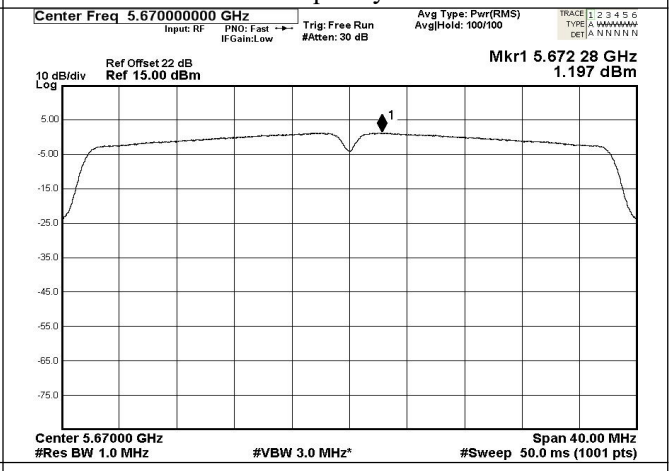
Mode:802.11n HT40 Frequency:5670MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5510MHz Ant:Chain1

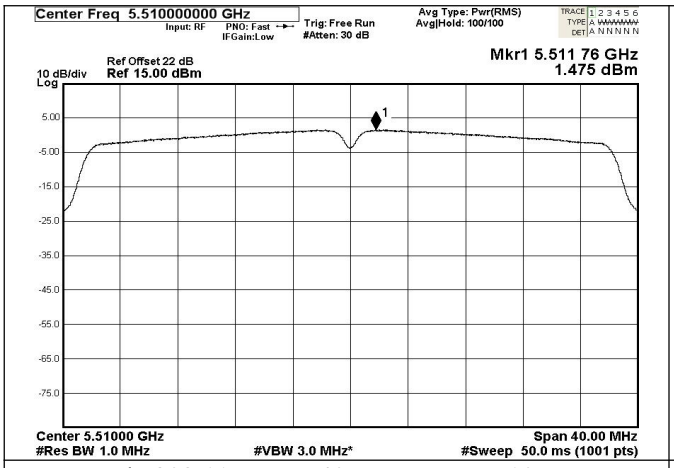


Mode:802.11n HT40 Frequency:5590MHz Ant:Chain1

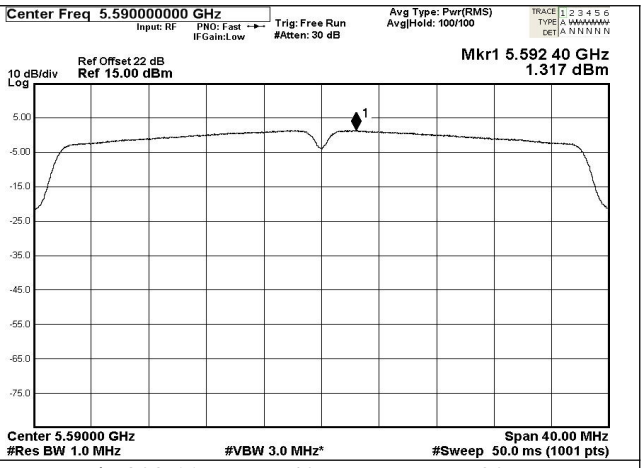


Mode:802.11n HT40 Frequency:5670MHz Ant:Chain1

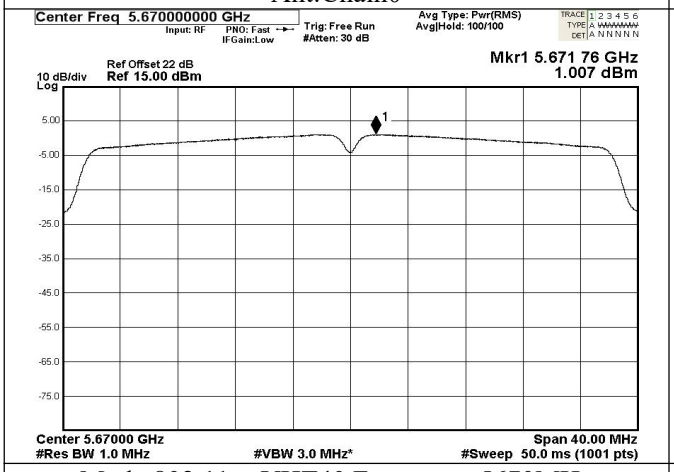
Test Mode: 802.11ac VHT40



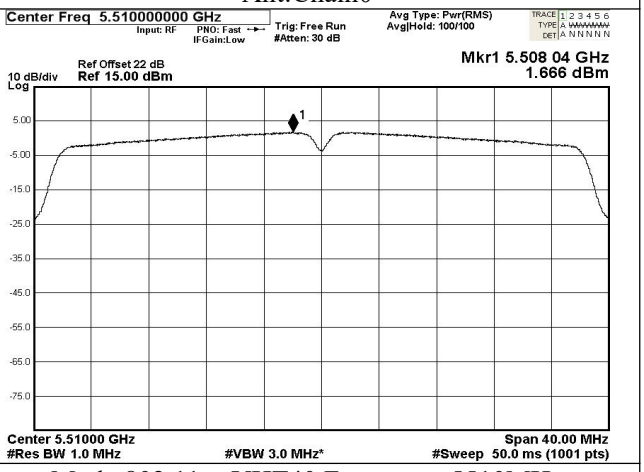
Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain0



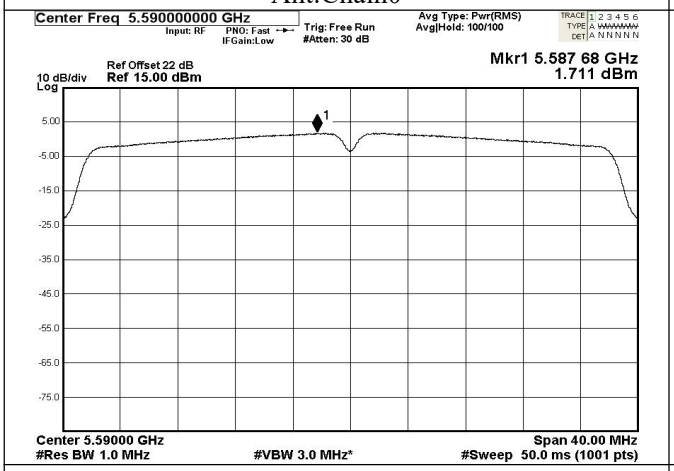
Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain0



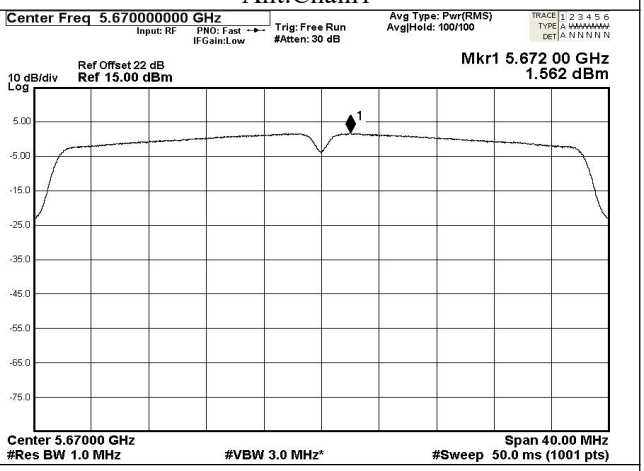
Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain1

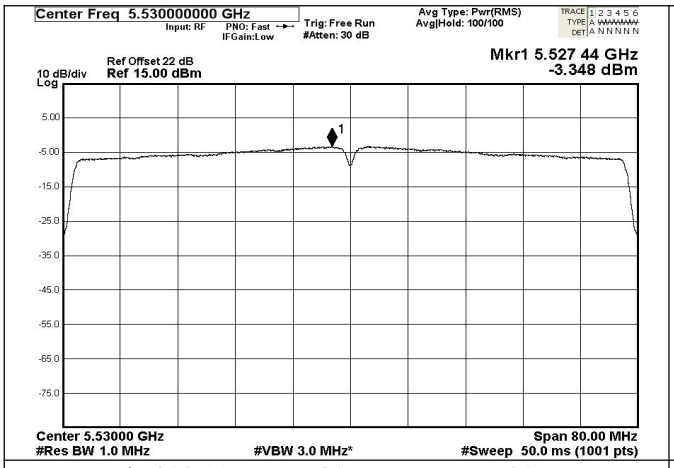


Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain1

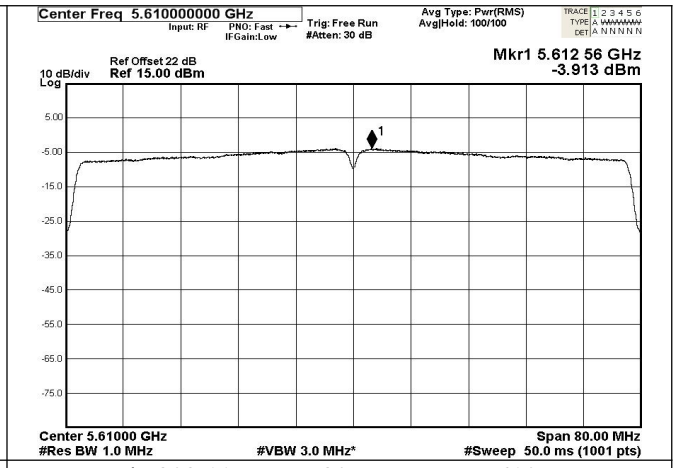


Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain1

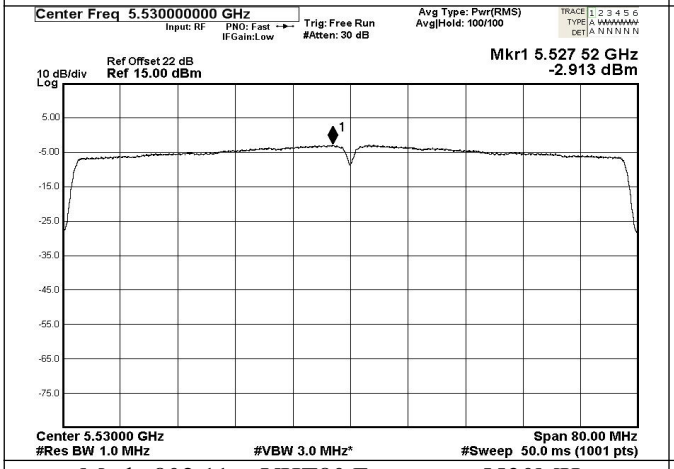
Test Mode: 802.11ac VHT80



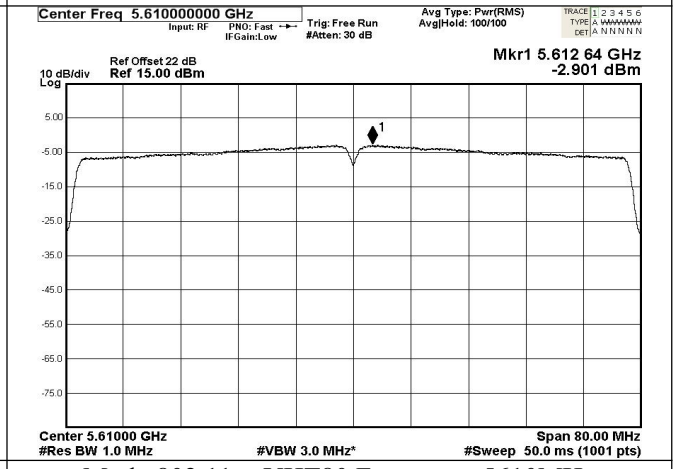
Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain1



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain1