

Occupied Bandwidth

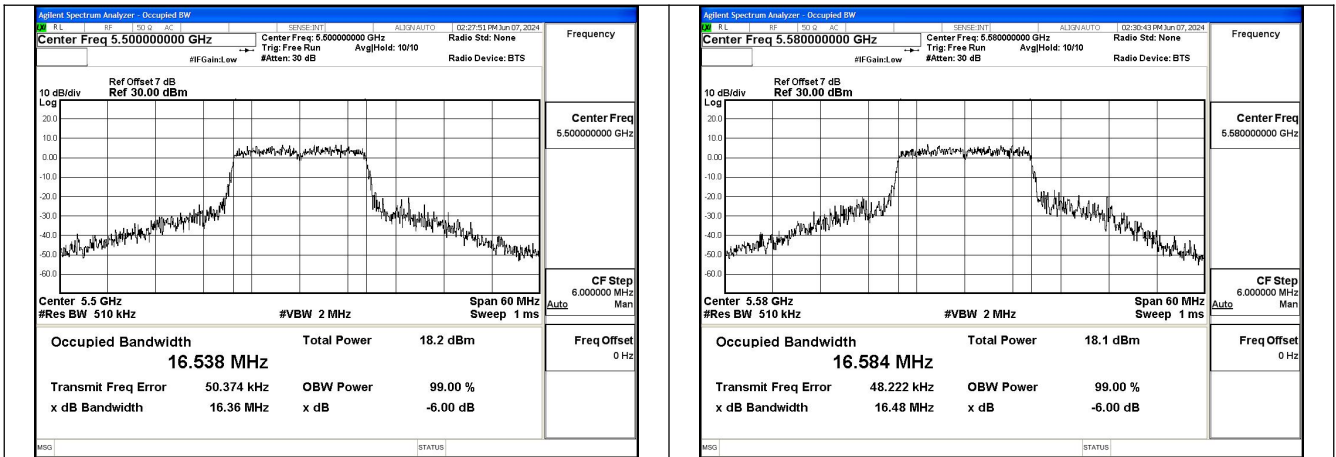
Offset 7dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5500MHz	5580MHz	5700MHz
802.11a	Chain0	16.538	16.584	16.637
802.11a	Chain1	16.535	16.567	16.667
802.11n HT20	Chain0	17.744	17.743	17.764
802.11n HT20	Chain1	17.721	17.784	17.807
802.11ac VHT20	Chain0	17.706	17.839	17.814
802.11ac VHT20	Chain1	17.700	17.780	17.786

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5510MHz	5590MHz	5670MHz
802.11n HT40	Chain0	36.232	36.380	36.520
802.11n HT40	Chain1	36.126	36.144	36.398
802.11ac VHT40	Chain0	36.297	36.242	36.299
802.11ac VHT40	Chain1	36.372	36.435	36.204

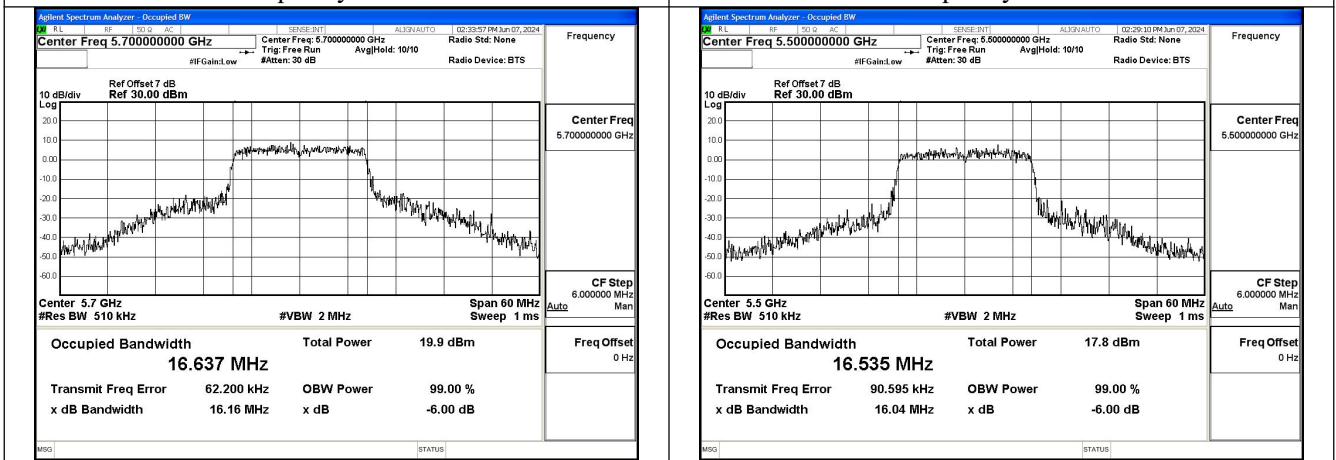
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5530MHz	---	5610MHz
802.11ac VHT80	Chain0	75.286	---	74.872
802.11ac VHT80	Chain1	76.248	---	75.460

Test Mode: 802.11a



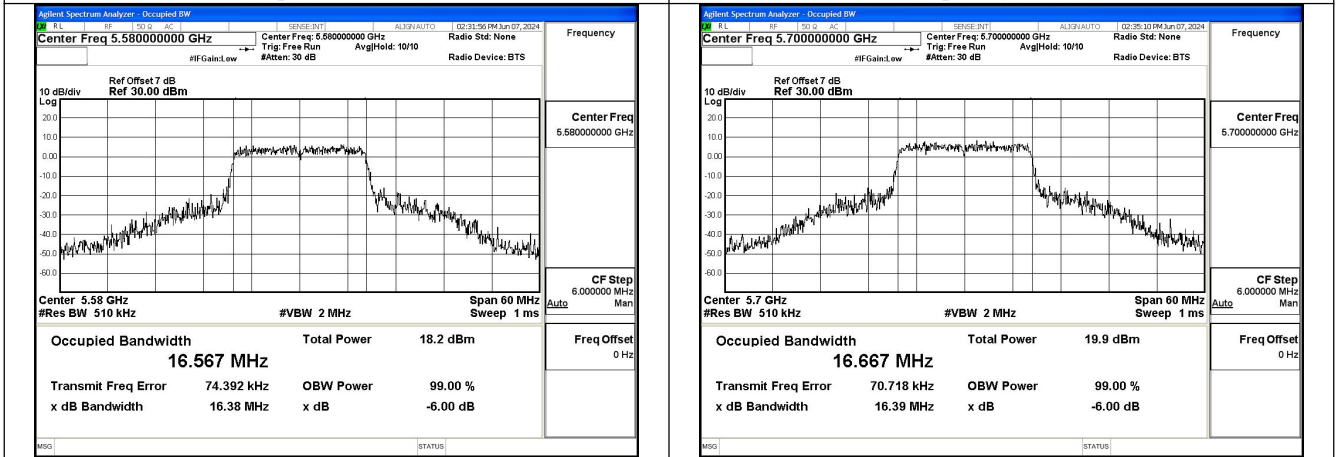
Mode:802.11a Frequency:5500MHz Ant:Chain0

Mode:802.11a Frequency:5580MHz Ant:Chain0



Mode:802.11a Frequency:5700MHz Ant:Chain0

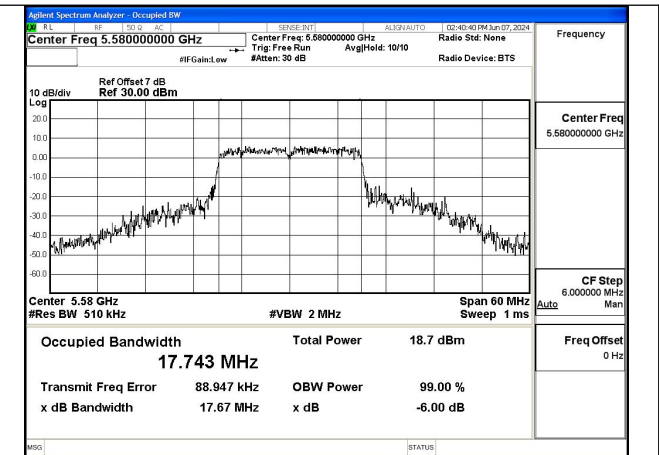
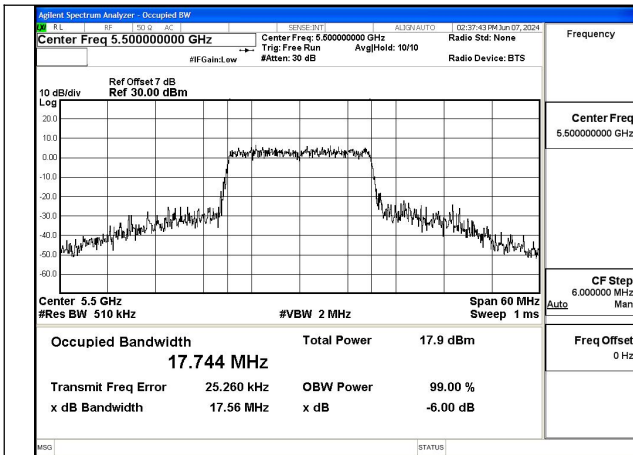
Mode:802.11a Frequency:5500MHz Ant:Chain1



Mode:802.11a Frequency:5580MHz Ant:Chain1

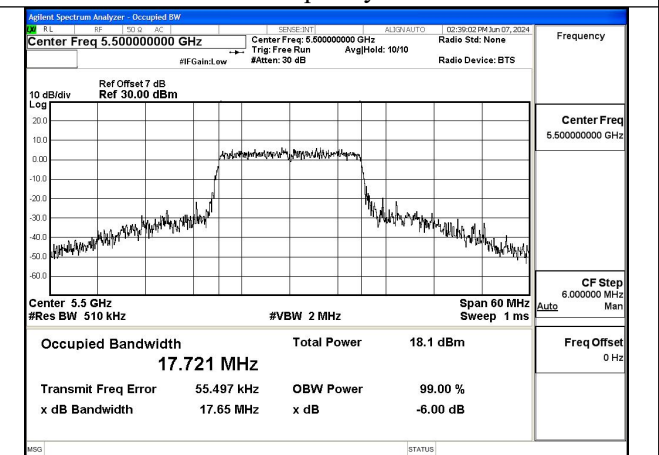
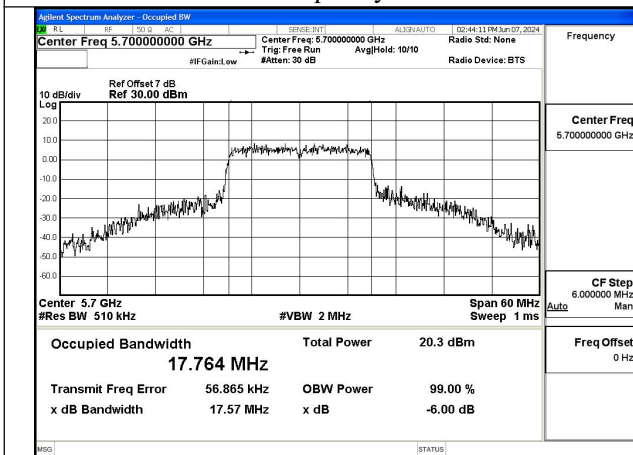
Mode:802.11a Frequency:5700MHz Ant:Chain1

Test Mode: 802.11n HT20



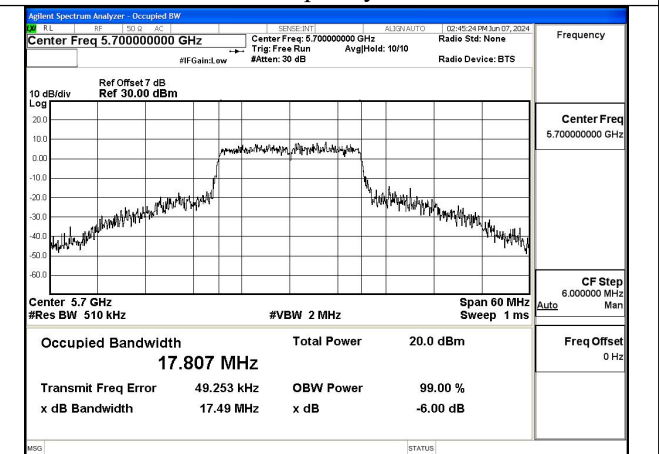
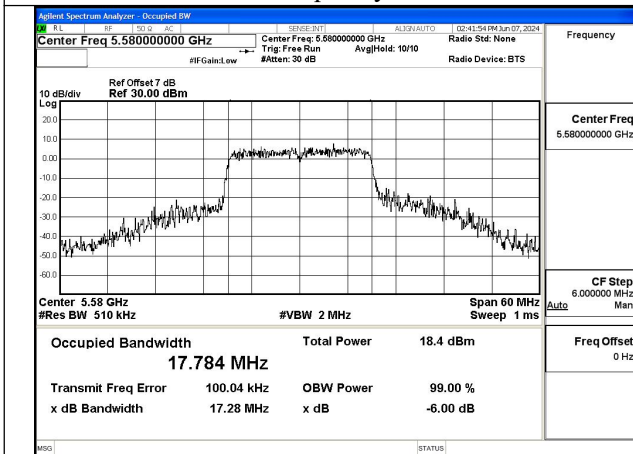
Mode:802.11n HT20 Frequency:5500MHz Ant:Chain0

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



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

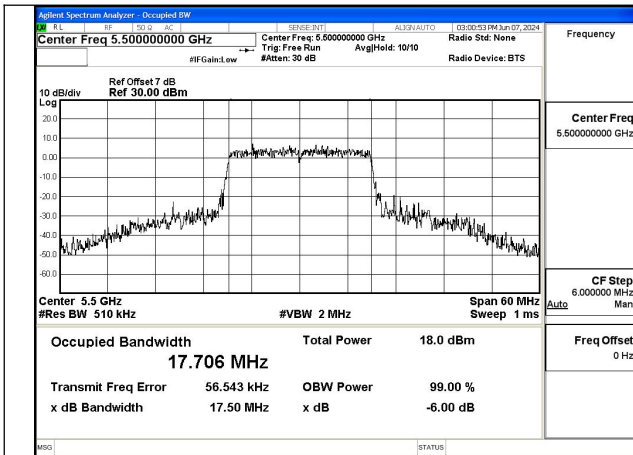
Mode:802.11n HT20 Frequency:5500MHz Ant:Chain1



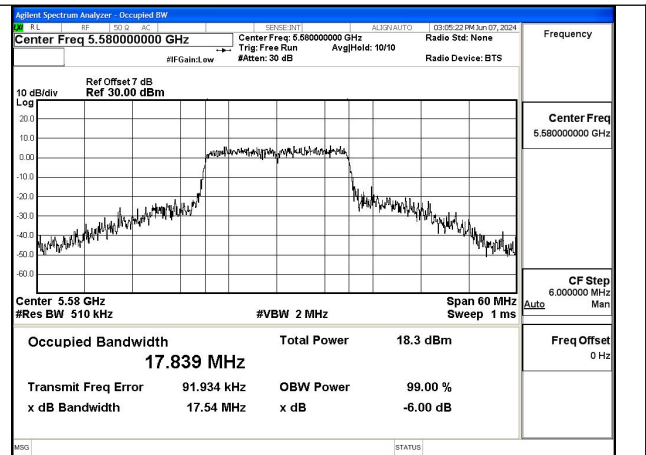
Mode:802.11n HT20 Frequency:5580MHz Ant:Chain1

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

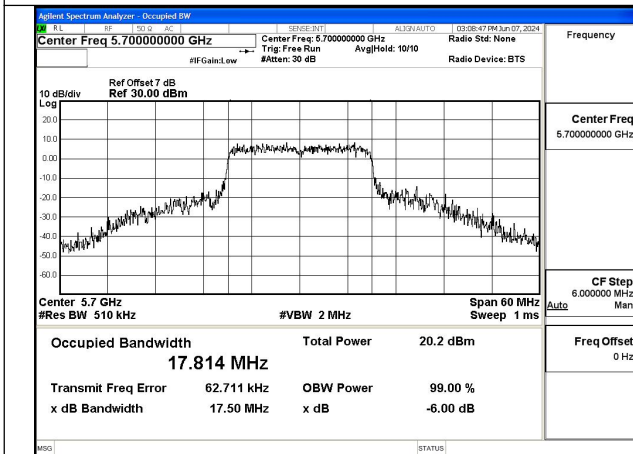
Test Mode: 802.11ac VHT20



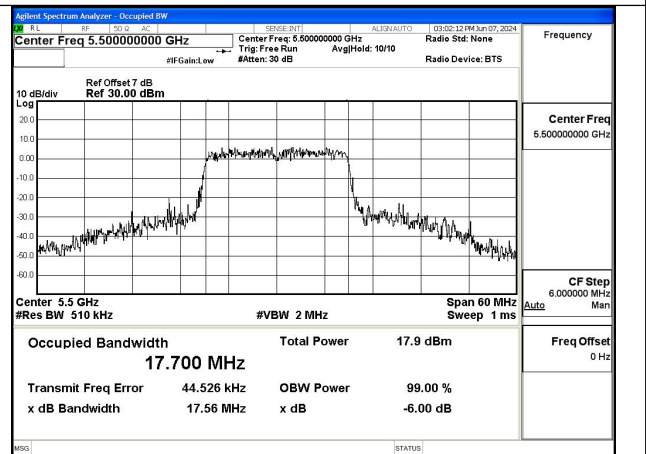
Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain0



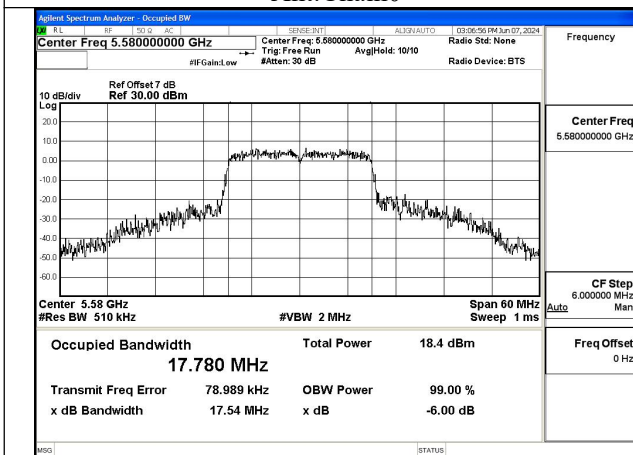
Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain0



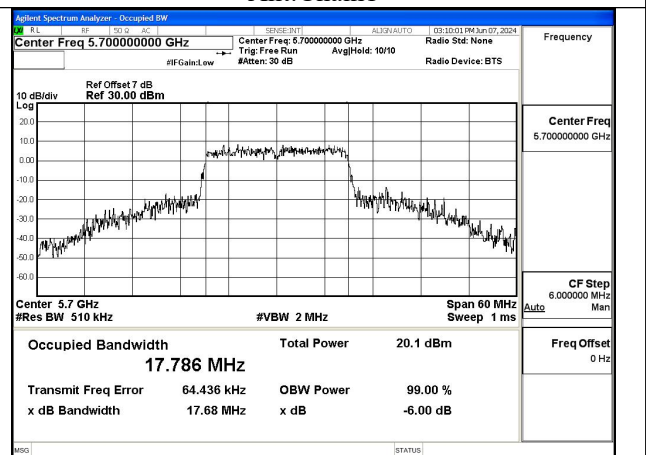
Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain0



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

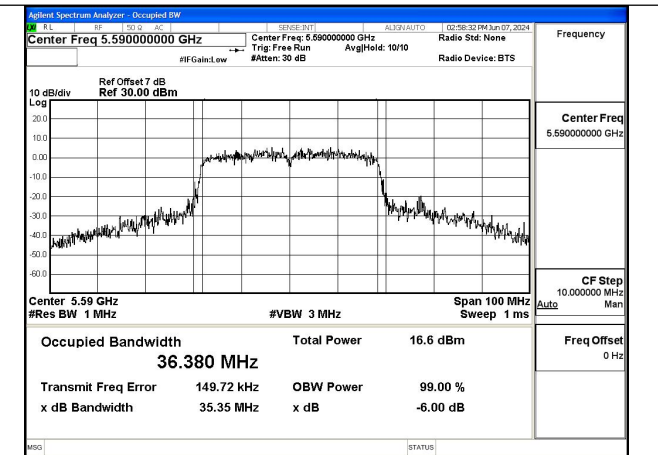
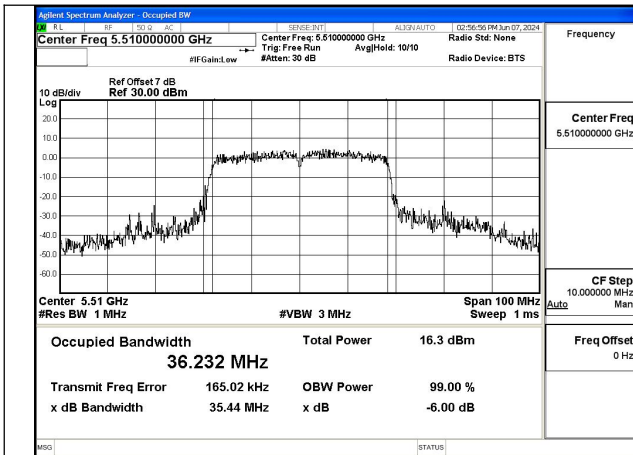


Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain1



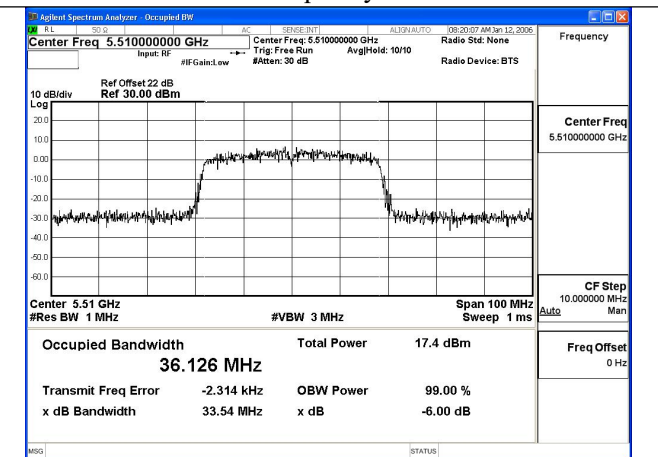
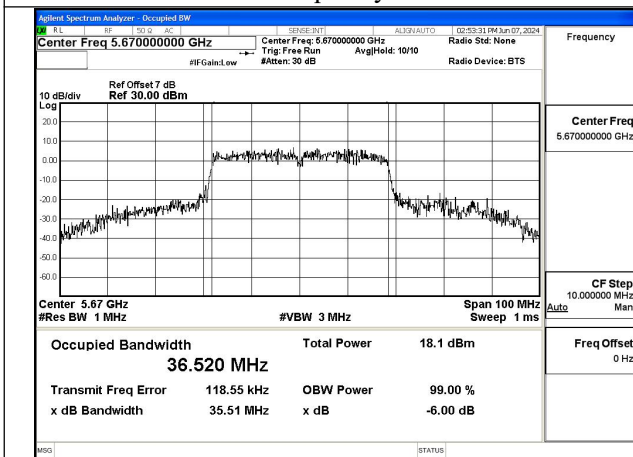
Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain1

Test Mode: 802.11n HT40



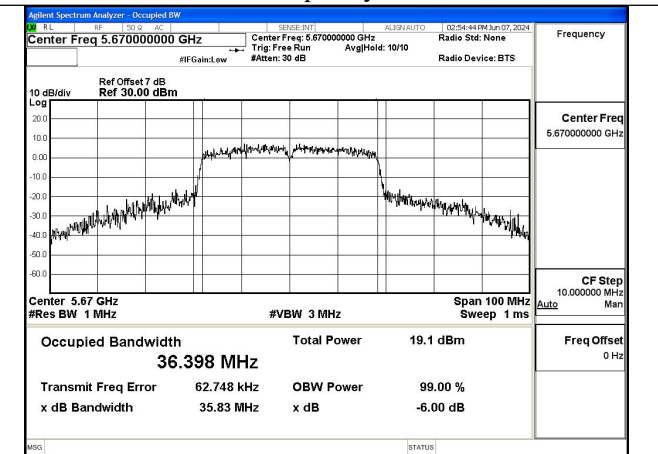
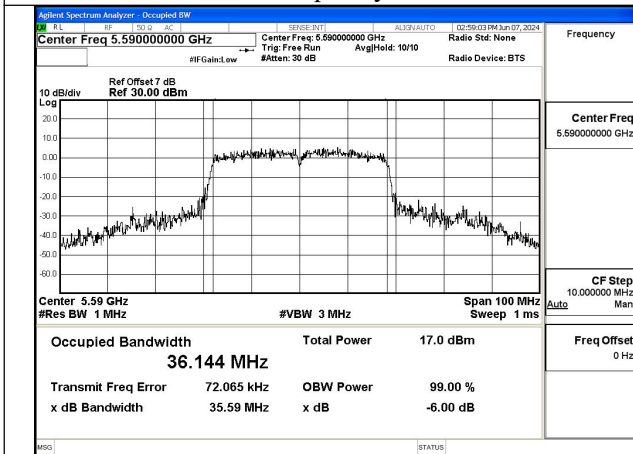
Mode:802.11n HT40 Frequency:5510MHz Ant:Chain0

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



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

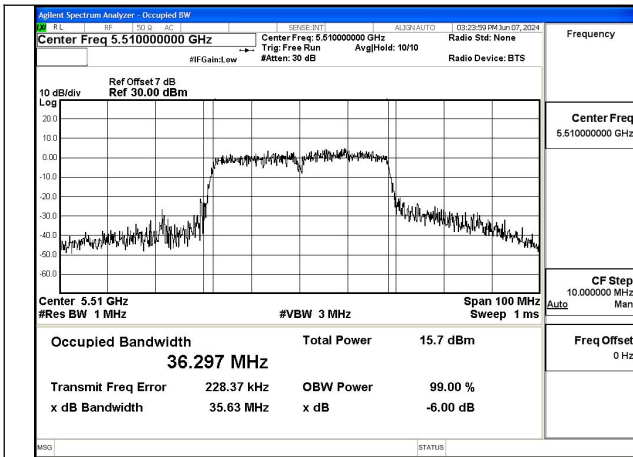
Mode:802.11n HT40 Frequency:5510MHz Ant:Chain1



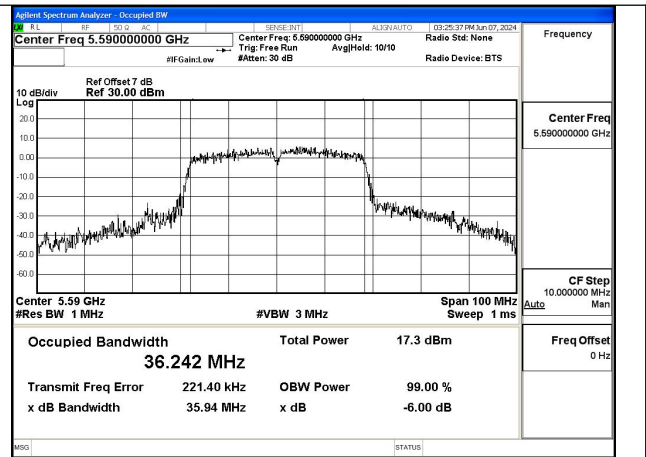
Mode:802.11n HT40 Frequency:5590MHz Ant:Chain1

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

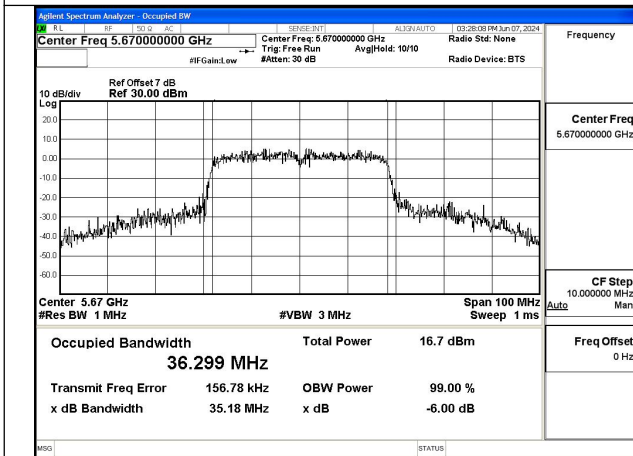
Test Mode: 802.11ac VHT40



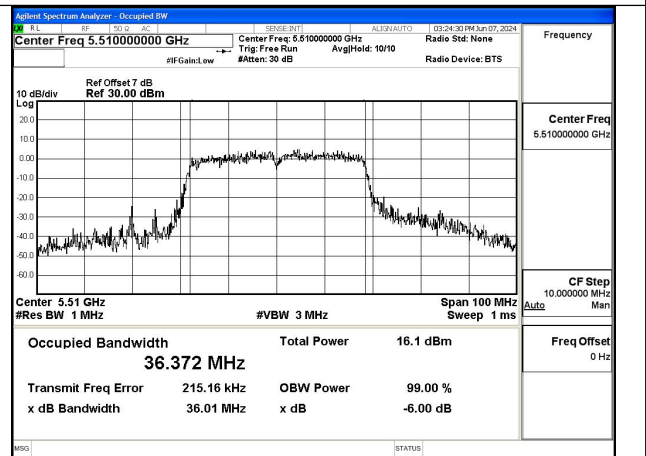
Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain0



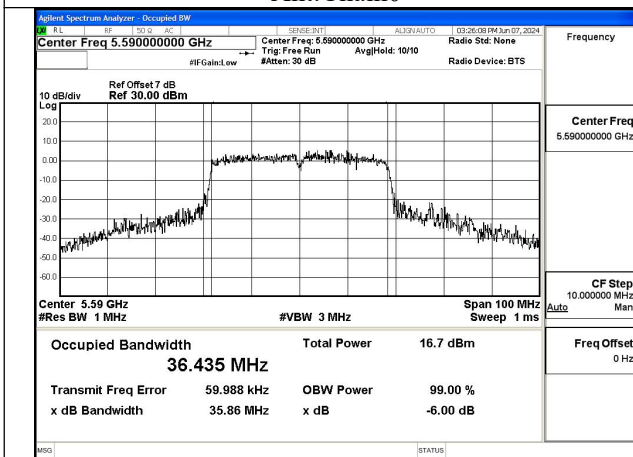
Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain0



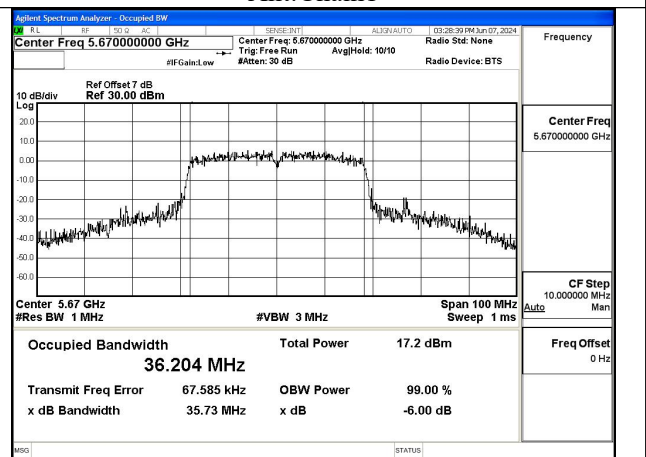
Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain0



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

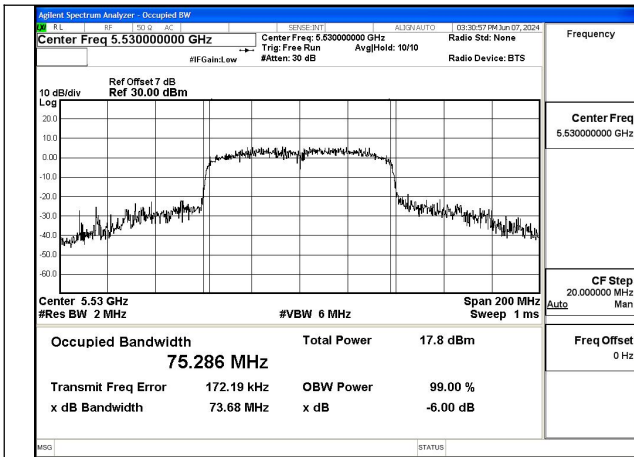


Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain1

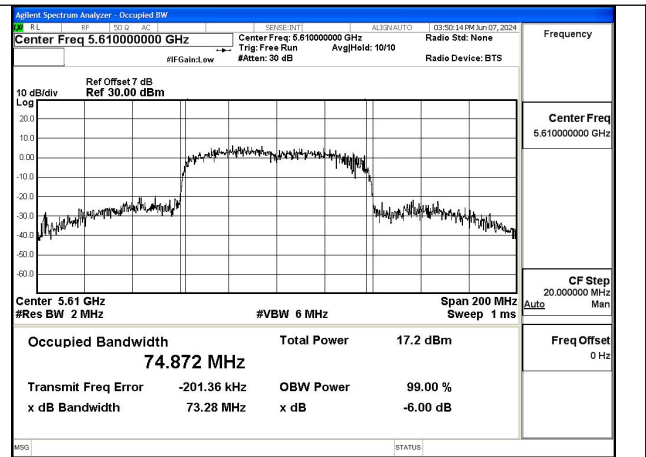


Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain1

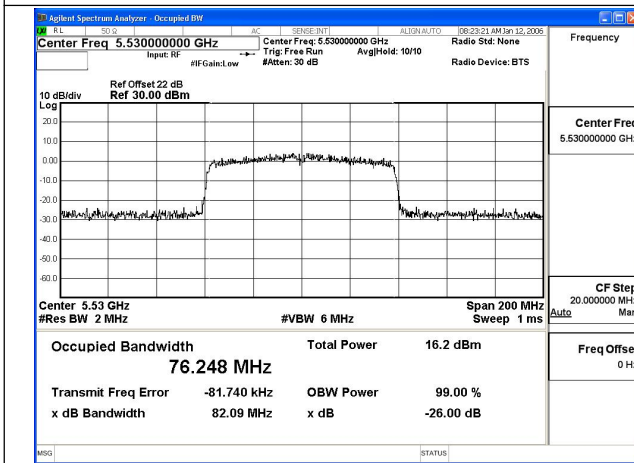
Test Mode: 802.11ac VHT80



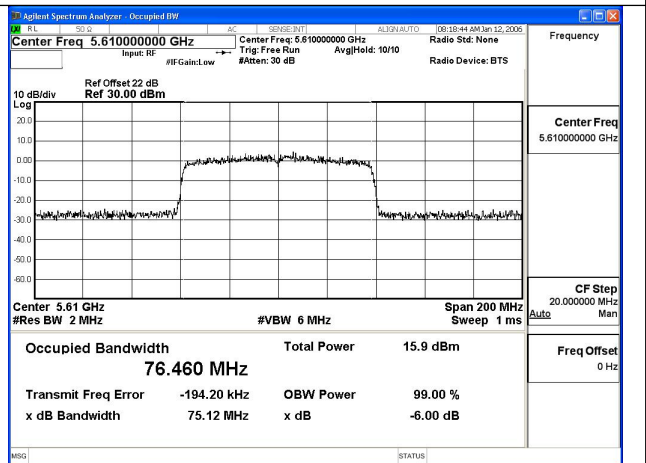
Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain0



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



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



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

Transmitter Power Spectral Density

Offset 7dB = Attenuator + Temporary antenna connector loss + Cable loss

TestMode	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	0.60	3.350	0.60	3.267	0.60	5.143
802.11a	Chain1	NA	0.60	3.017	0.60	3.518	0.60	5.129
802.11n HT20	Chain0	NA	0.66	3.088	0.66	3.533	0.66	4.856
802.11n HT20	Chain1	NA	0.66	2.890	0.66	3.725	0.66	5.033
802.11n HT20	MIMO	NA	0.66	6.000	0.66	6.640	0.66	7.956
802.11ac VHT20	Chain0	NA	0.67	3.113	0.67	3.553	0.67	5.017
802.11ac VHT20	Chain1	NA	0.67	2.943	0.67	3.405	0.67	5.094
802.11ac VHT20	MIMO	NA	0.67	6.039	0.67	6.490	0.67	8.066

TestMode	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	1.16	0.440	1.16	1.230	1.16	1.338
802.11n HT40	Chain1	NA	1.16	0.447	1.16	1.214	1.16	1.727
802.11n HT40	MIMO	NA	1.16	3.454	1.16	4.232	1.16	4.547
802.11ac VHT40	Chain0	NA	1.16	0.657	1.16	0.756	1.16	1.672
802.11ac VHT40	Chain1	NA	1.16	0.493	1.16	1.030	1.16	1.313
802.11ac VHT40	MIMO	NA	1.16	3.586	1.16	3.905	1.16	4.507

TestMode	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	1.70	-3.141	---	---	1.70	-3.141
802.11ac VHT80	Chain1	NA	1.70	-3.049	---	---	1.70	-2.872
802.11ac VHT80	MIMO	NA	1.70	-0.084	---	---	1.70	0.006