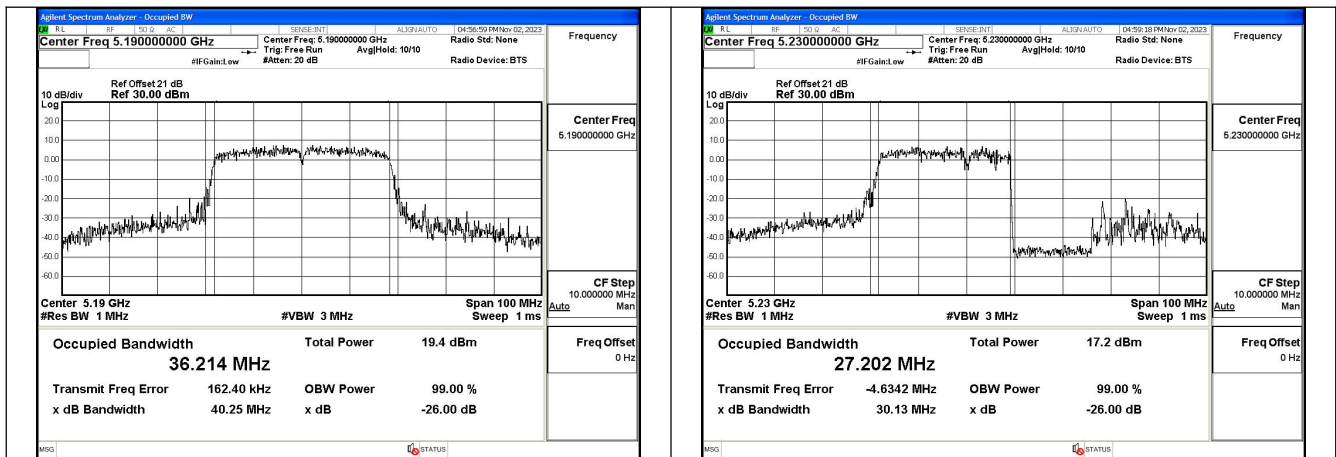
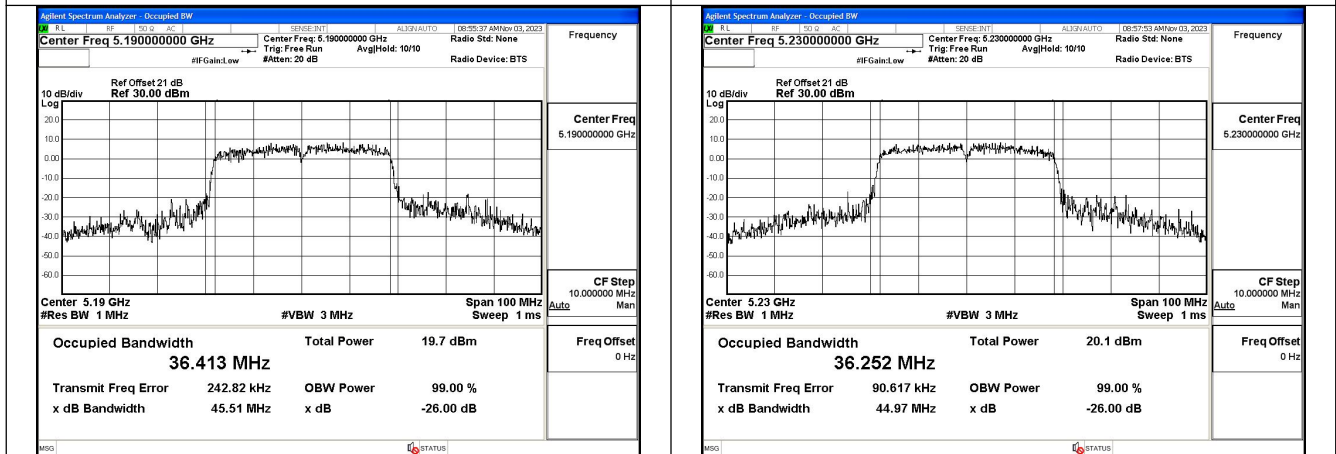


Test Mode: 802.11ac VHT40



Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain0

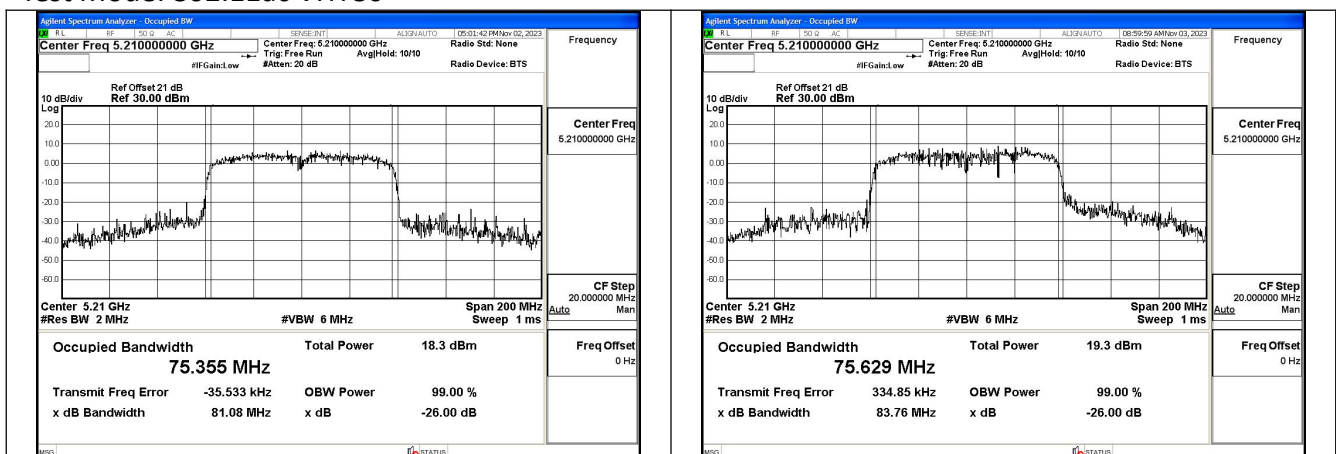
Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain1

Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain0

Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain1

Occupied Bandwidth

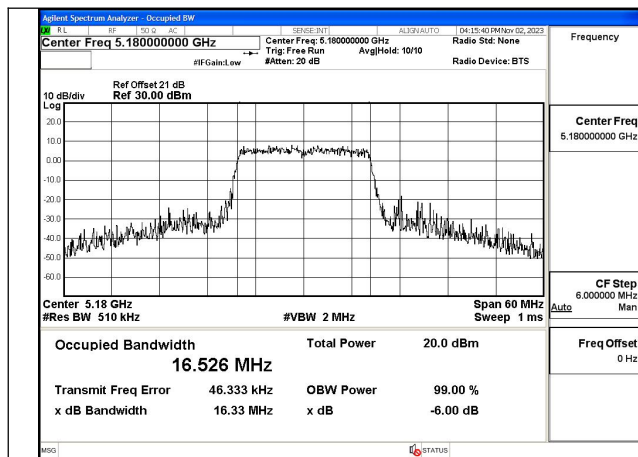
Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11a	Chain0	16.526	16.596	16.498
802.11a	Chain1	16.537	16.529	16.545
802.11n HT20	Chain0	17.697	17.651	17.738
802.11n HT20	Chain1	17.763	17.688	17.704
802.11ac VHT20	Chain0	17.749	17.716	17.680
802.11ac VHT20	Chain1	17.716	17.713	17.740

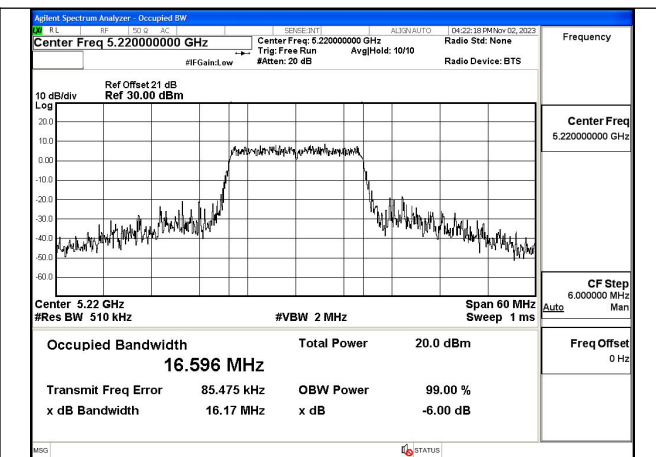
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5190MHz	---	5230MHz
802.11n HT40	Chain0	36.178	---	36.303
802.11n HT40	Chain1	36.255	---	36.257
802.11ac VHT40	Chain0	36.199	---	36.147
802.11ac VHT40	Chain1	36.184	---	36.365

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5210MHz	---	---
802.11ac VHT80	Chain0	74.898	---	---
802.11ac VHT80	Chain1	75.178	---	---

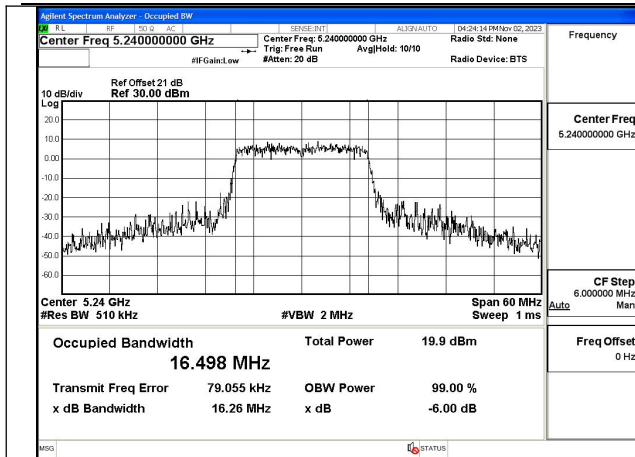
Test Mode: 802.11a



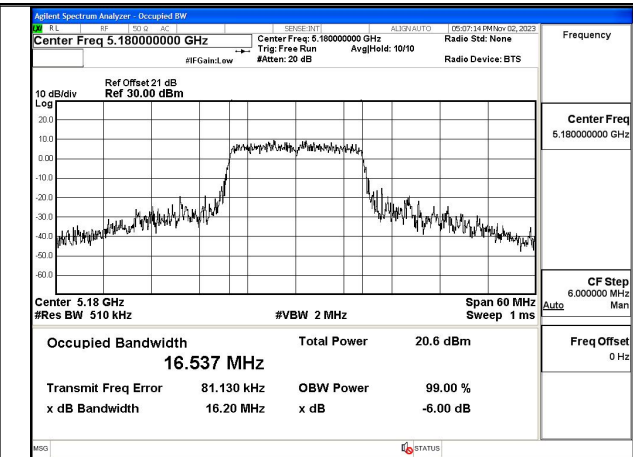
Mode:802.11a Frequency:5180MHz Ant:Chain0



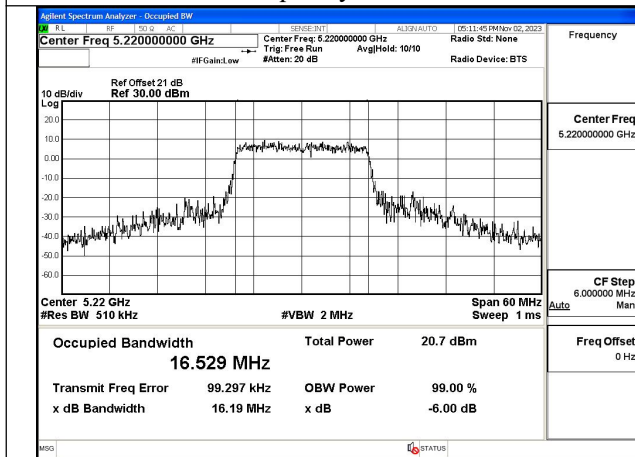
Mode:802.11a Frequency:5220MHz Ant:Chain0



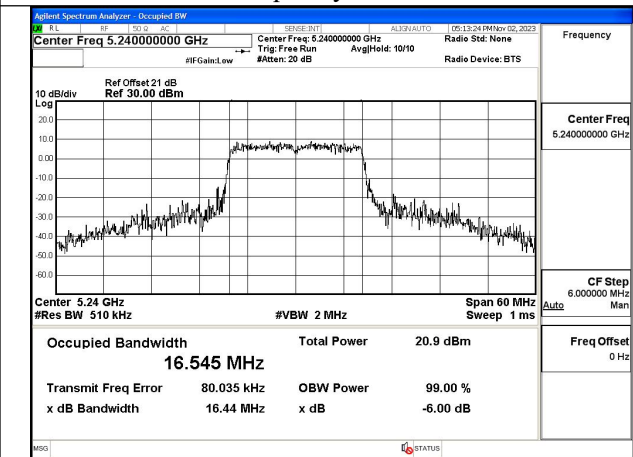
Mode:802.11a Frequency:5240MHz Ant:Chain0



Mode:802.11a Frequency:5180MHz Ant:Chain1

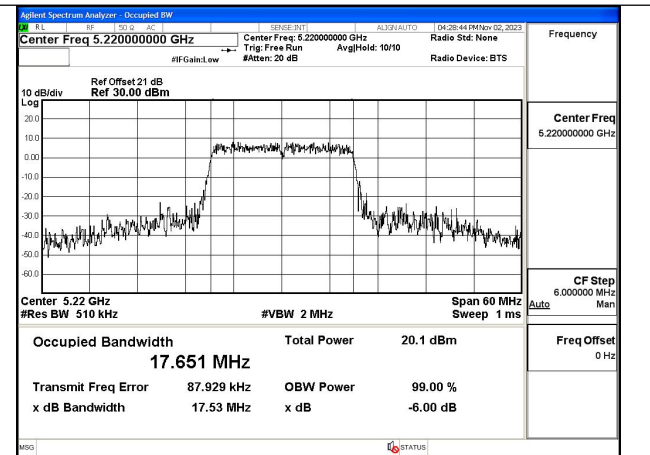
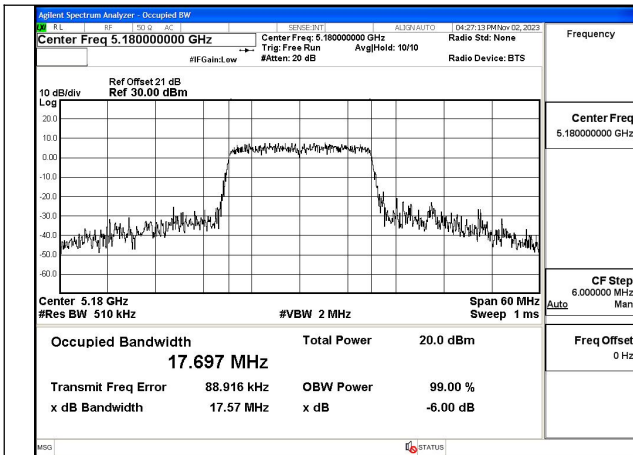


Mode:802.11a Frequency:5220MHz Ant:Chain1

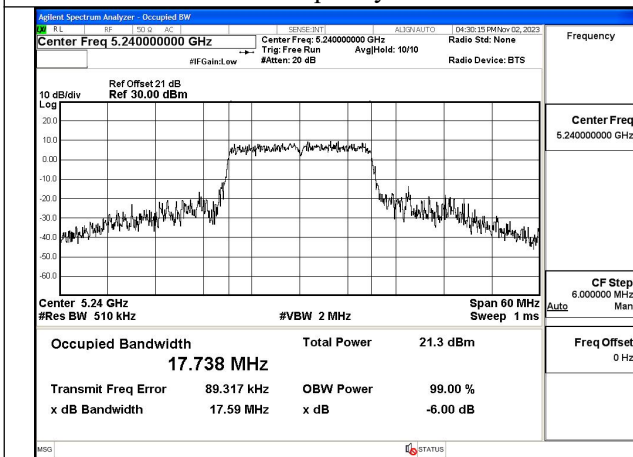


Mode:802.11a Frequency:5240MHz Ant:Chain1

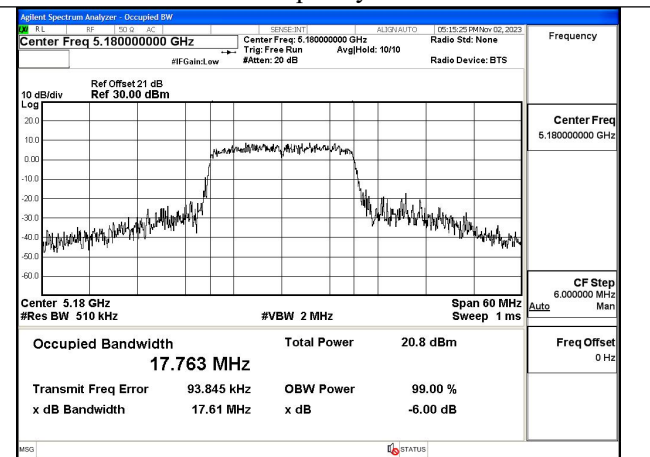
Test Mode: 802.11n HT20



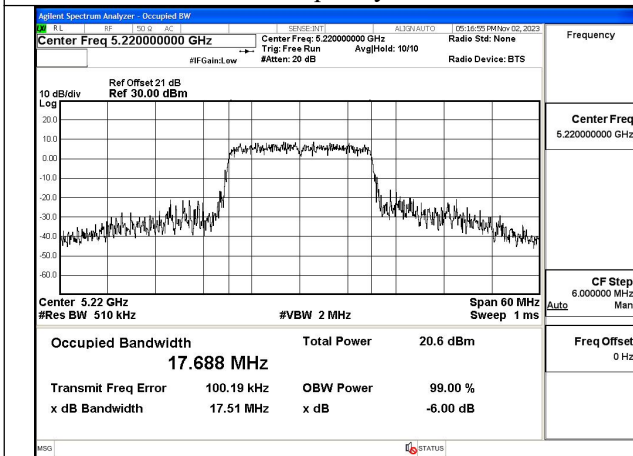
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0



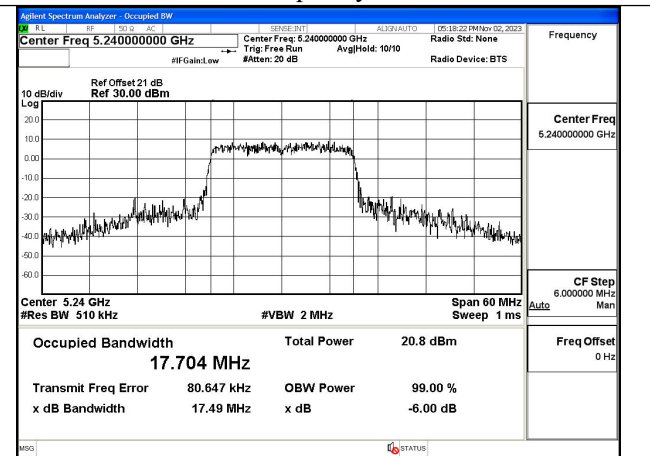
Mode:802.11n HT20 Frequency:5220MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5240MHz Ant:Chain0



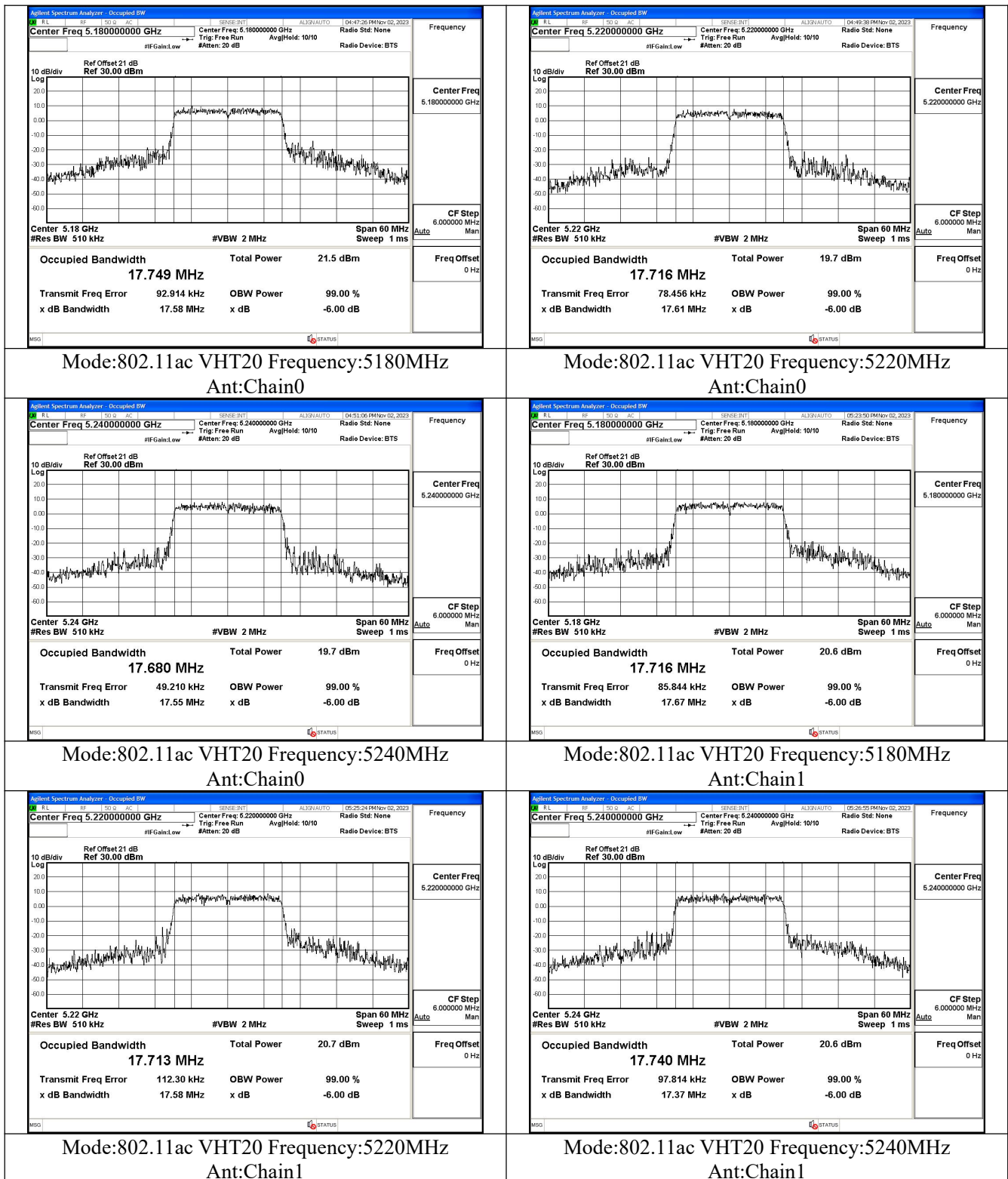
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



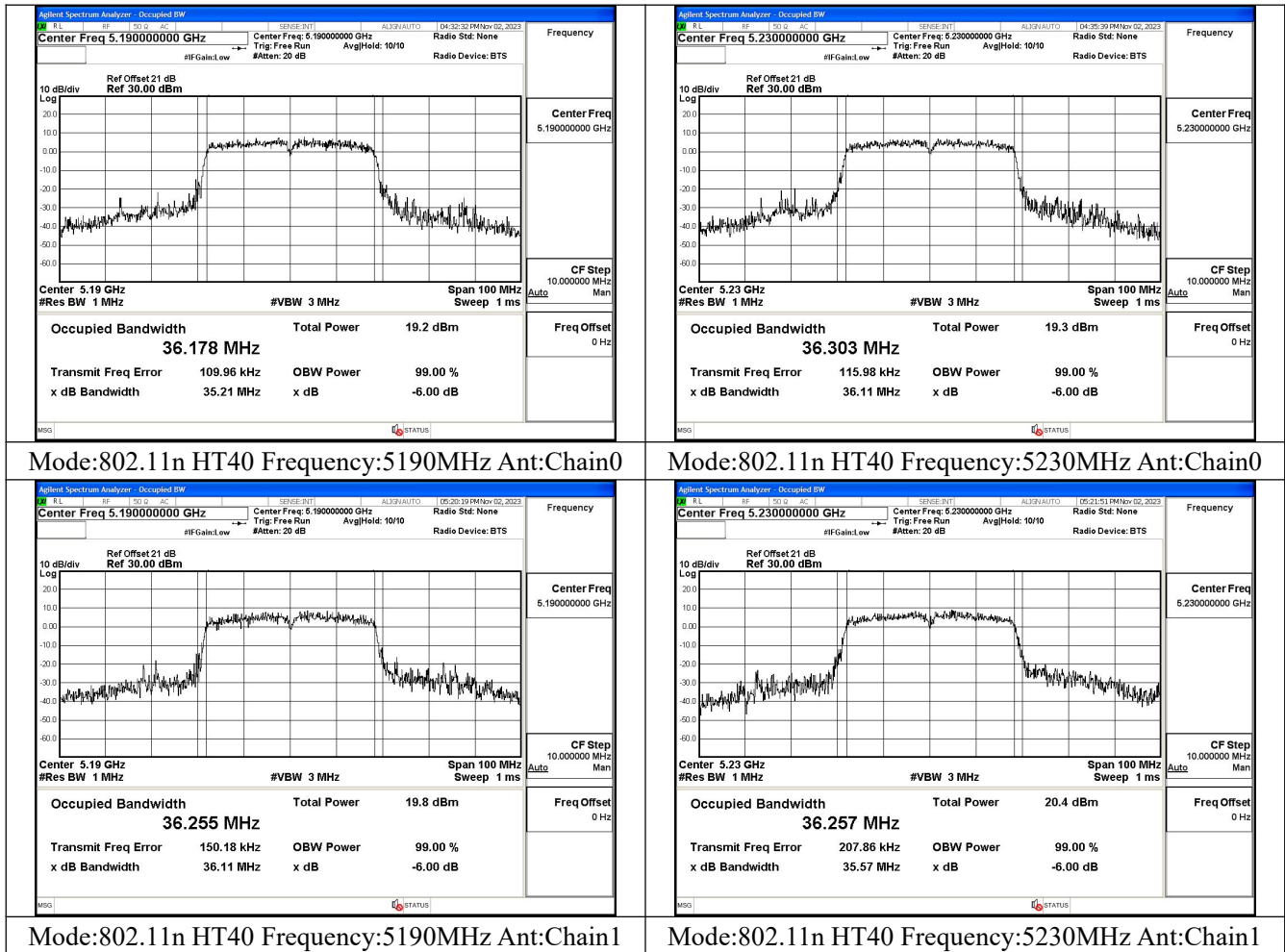
Mode:802.11n HT20 Frequency:5220MHz Ant:Chain1

Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1

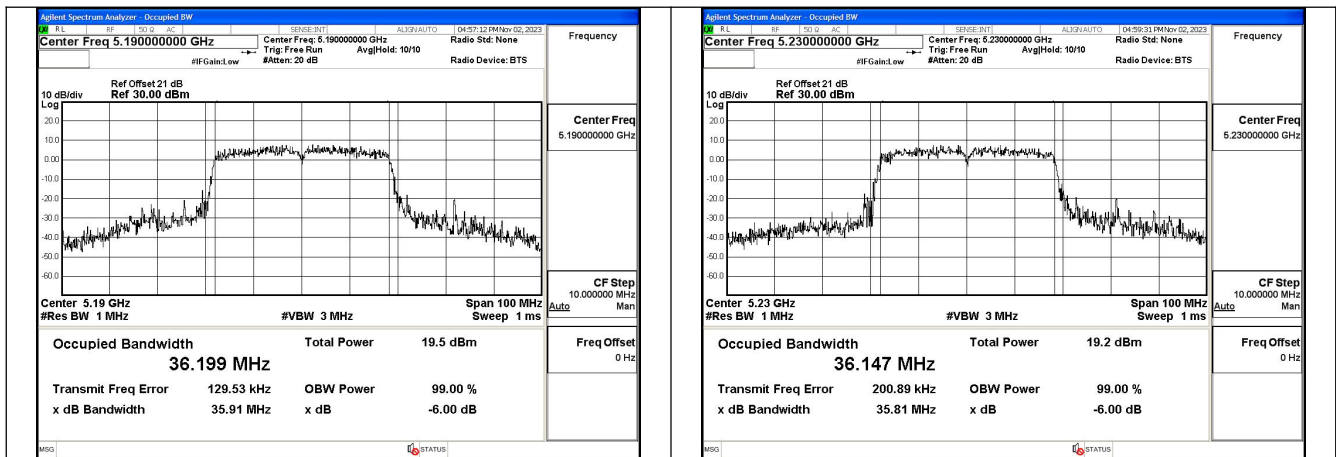
Test Mode: 802.11ac VHT20



Test Mode: 802.11n HT40

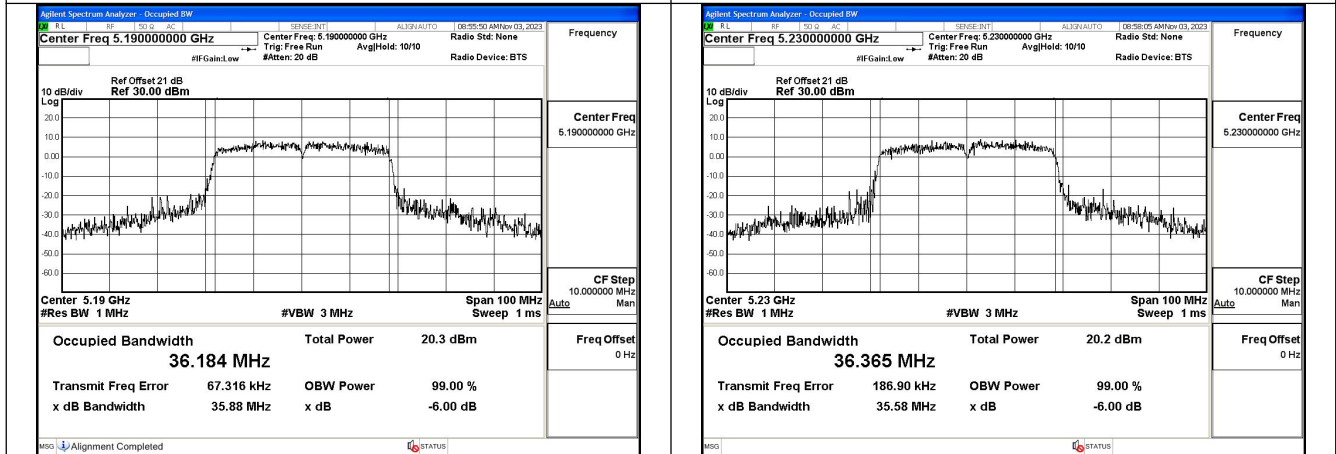


Test Mode: 802.11ac VHT40



Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain0

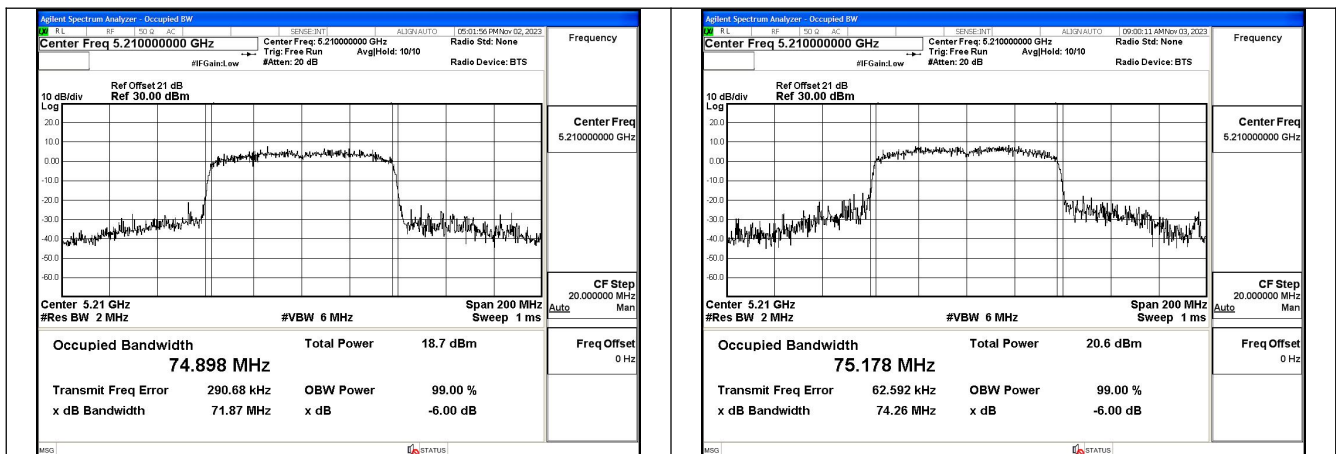
Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain1

Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain0

Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain1

Transmitter Power Spectral Density

Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Tones	5180MHz		5220MHz		5240MHz	
			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	4.188	0	4.287	0	3.878
802.11a	Chain1	NA	0	5.342	0	5.327	0	5.380
802.11n HT20	Chain0	NA	0	4.570	0	4.435	0	5.611
802.11n HT20	Chain1	NA	0	5.194	0	5.379	0	5.047
802.11n HT20	MIMO	NA	0	7.903	0	7.943	0	8.348
802.11ac VHT20	Chain0	NA	0	5.499	0	3.758	0	3.780
802.11ac VHT20	Chain1	NA	0	5.165	0	5.044	0	4.962
802.11ac VHT20	MIMO	NA	0	8.346	0	7.459	0	7.421

Test Mode	Antenna	Tones	5190MHz		---		5230MHz	
			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	0.767	---	---	0	1.021
802.11n HT40	Chain1	NA	0	1.416	---	---	0	1.614
802.11n HT40	MIMO	NA	0	4.114	---	---	0	4.338
802.11ac VHT40	Chain0	NA	0	0.142	---	---	0	0.331
802.11ac VHT40	Chain1	NA	0	1.129	---	---	0	1.140
802.11ac VHT40	MIMO	NA	0	3.674	---	---	0	3.765

Test Mode	Antenna	Tones	5210MHz		---		---	
			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	-3.893	---	---	---	---
802.11ac VHT80	Chain1	NA	0	-2.639	---	---	---	---
802.11ac VHT80	MIMO	NA	0	-0.211	---	---	---	---