

Test Mode:802.11n HT40 5670MHz Chain0

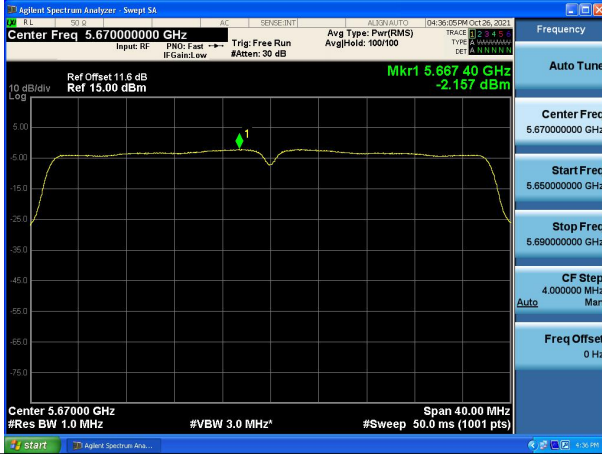
Test Mode: 802.11ac VHT40



Test Mode:802.11ac VHT40 5510MHz Chain0

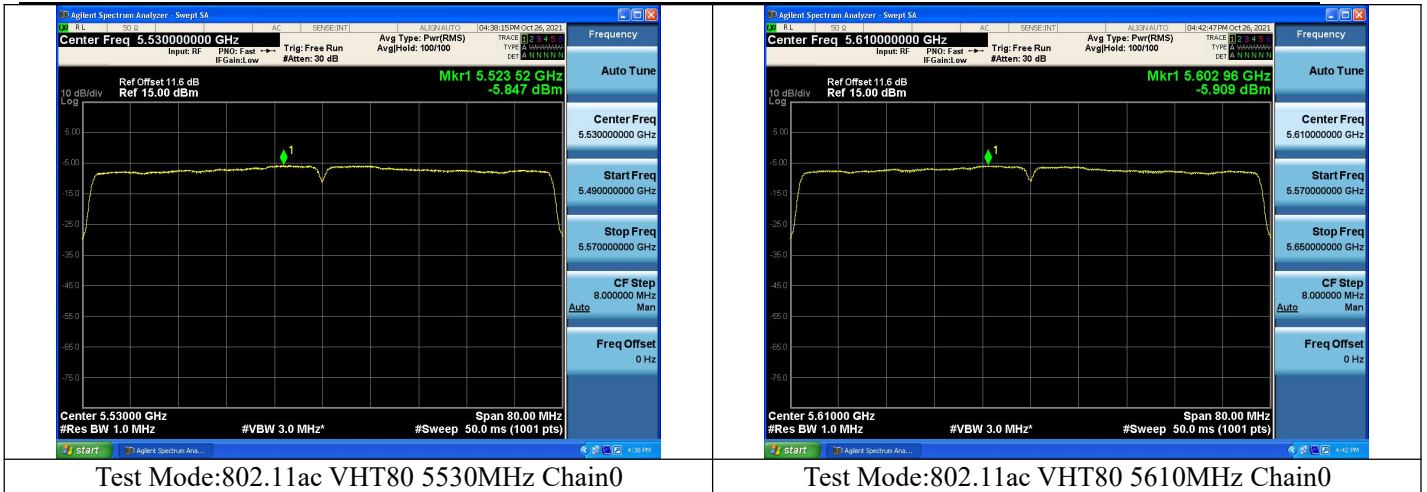


Test Mode:802.11ac VHT40 5590MHz Chain0



Test Mode:802.11ac VHT40 5670MHz Chain0

Test Mode: 802.11ac VHT80



### Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)
802.11a	5720	99.51%	0
802.11n HT20	5720	99.38%	0
802.11ac VHT20	5720	99.41%	0
802.11n HT40	5710	98.87%	0
802.11ac VHT40	5710	98.86%	0
802.11ac VHT80	5690	97.80%	0.10

Note: Correction Factor=10\*log (1/Duty Cycle)

### Output Power

Mode	Tones/ RUIndex	Freq (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5720	Chain0	11.73	9.43
802.11ac VHT20	NA	5720	Chain0	11.47	9.17
802.11ac VHT40	NA	5710	Chain0	11.71	9.41
802.11ac VHT80	NA	5690	Chain0	11.44	9.14
802.11n HT20	NA	5720	Chain0	11.44	9.14
802.11n HT40	NA	5710	Chain0	11.74	9.44

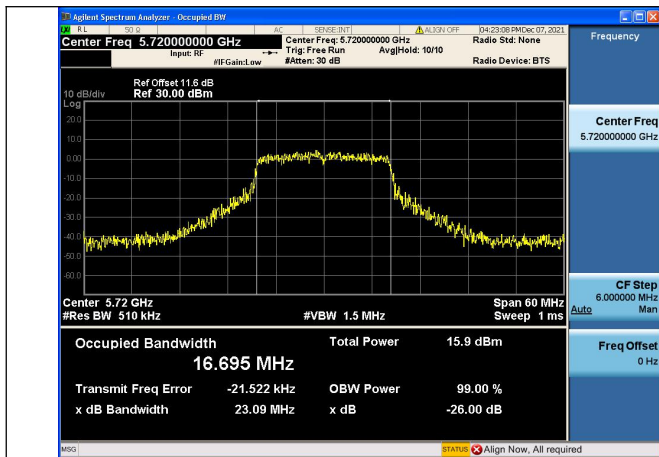
### Emission Bandwidth

Offset 11.6dB = Attenuator + Temporary antenna connector loss + Cable loss

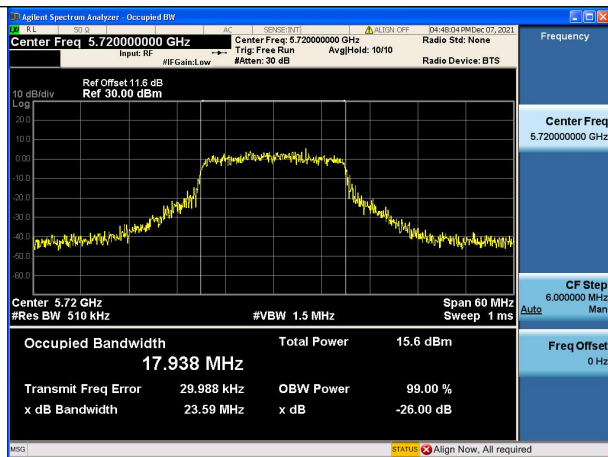
Test Mode	Antenna	26dB Bandwidth (MHz)		
		Channel No.0	Channel No.1	Channel No.2
802.11a	Chain0	---	---	5720MHz
802.11n HT20	Chain0	---	---	23.09
802.11ac VHT20	Chain0	---	---	23.59
802.11ac VHT20	Chain0	---	---	22.38

Test Mode	Antenna	26dB Bandwidth (MHz)		
		Channel No.0	Channel No.1	Channel No.2
802.11n HT40	Chain0	---	---	5710MHz
802.11ac VHT40	Chain0	---	---	40.96

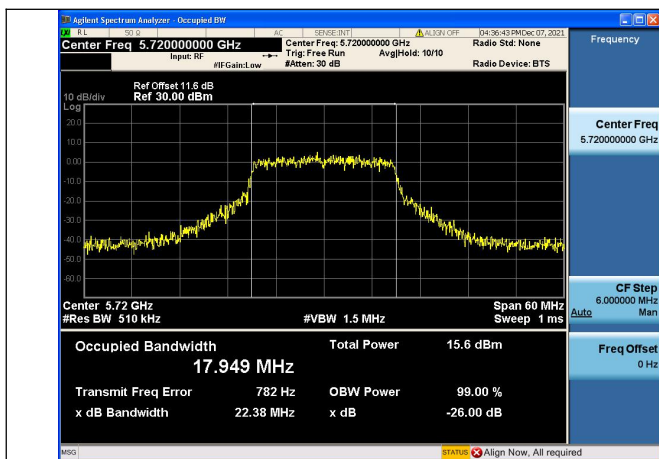
Test Mode	Antenna	26dB Bandwidth (MHz)		
		Channel No.0	Channel No.1	Channel No.2
802.11ac VHT80	Chain0	---	---	5690MHz
		---	---	82.93



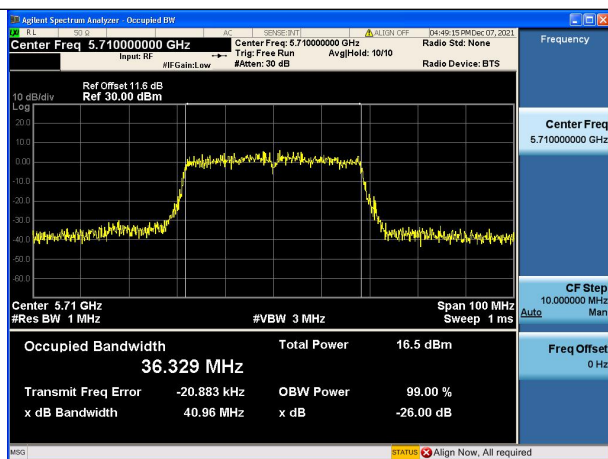
Test Mode:802.11a 5720MHz Chain0



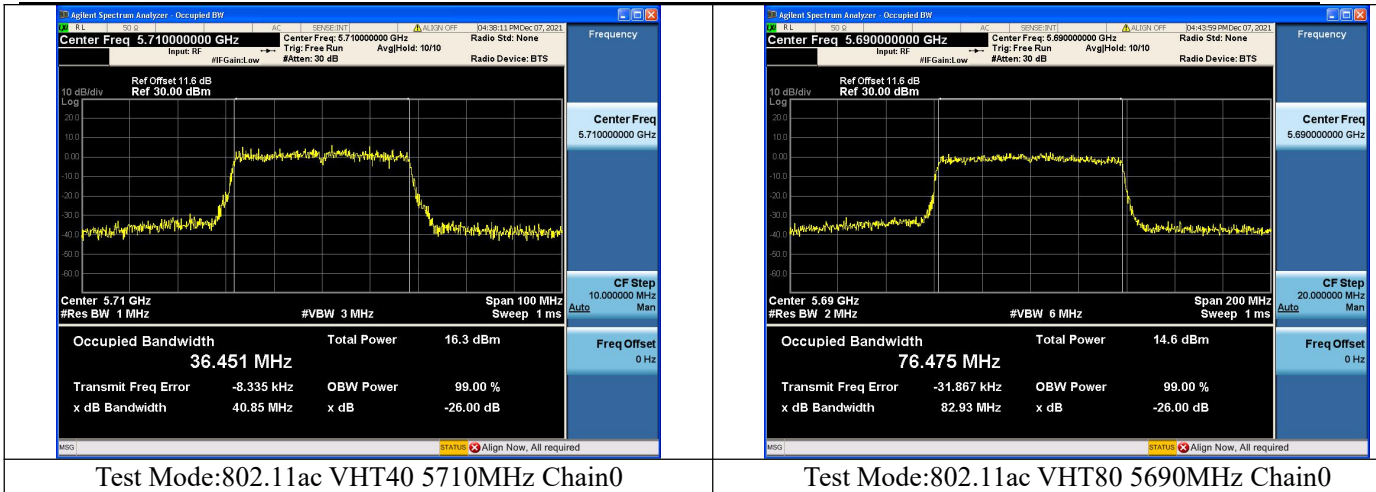
Test Mode:802.11n HT20 5720MHz Chain0



Test Mode:802.11ac VHT20 5720MHz Chain0



Test Mode:802.11n HT40 5710MHz Chain0



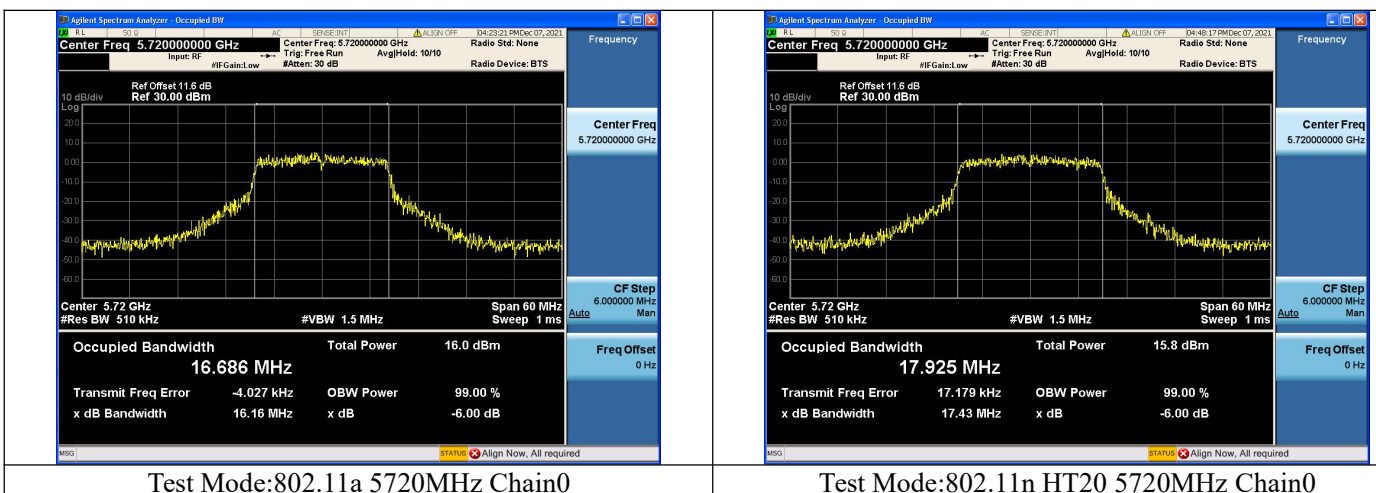
### Occupied Bandwidth

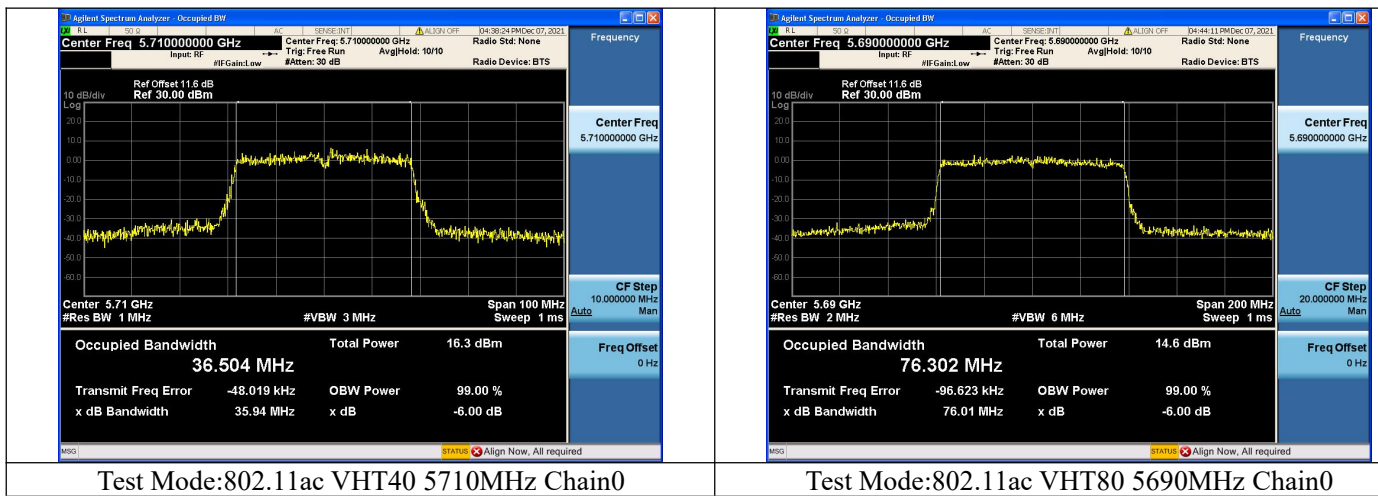
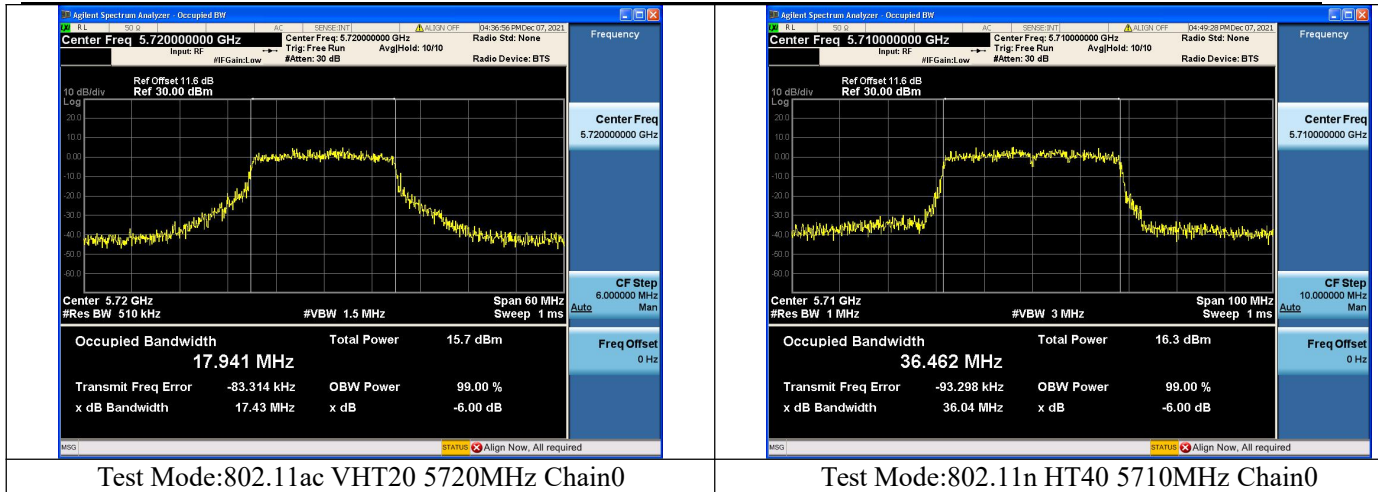
Offset 11.6dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.0	Channel No.1	Channel No.2
802.11a	Chain0	---	---	5720MHz
802.11n HT20	Chain0	---	---	16.686
802.11ac VHT20	Chain0	---	---	17.925

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.0	Channel No.1	Channel No.2
802.11n HT40	Chain0	---	---	5710MHz
802.11ac VHT40	Chain0	---	---	36.462
802.11ac VHT40	Chain0	---	---	36.504

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.0	Channel No.1	Channel No.2
802.11ac VHT80	Chain0	---	---	5690MHz
802.11ac VHT80	Chain0	---	---	76.302





### Transmitter Power Spectral Density

Offset 11.6dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Channel No.662 5720MHz		Channel No.1 ---		Channel No.662 5720MHz	
		Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	0	8.449	---	---	0	7.804
802.11n HT20	Chain0	0	8.054	---	---	0	7.431
802.11ac VHT20	Chain0	0	8.002	---	---	0	7.369

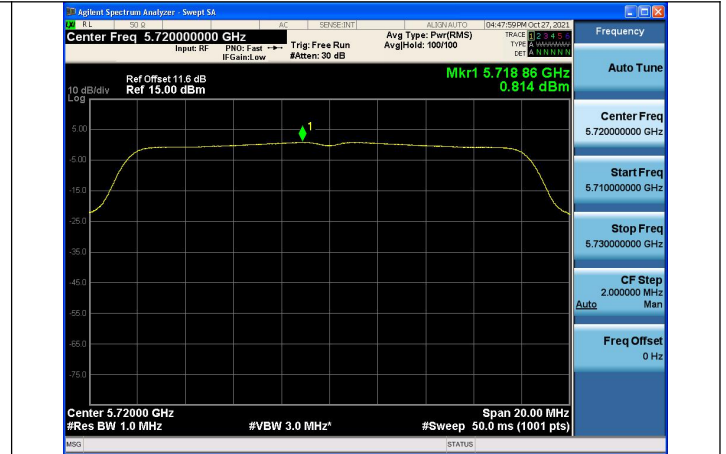
Test Mode	Antenna	Channel No.660 5710MHz		Channel No.1 ---		Channel No.660 5710MHz	
		Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	0	5.355	---	---	0	4.710
802.11ac VHT40	Chain0	0	5.243	---	---	0	4.719

Test Mode	Antenna	Channel No.656		Channel No.1		Channel No.656	
		5690MHz		---		5690MHz	
		Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a c VHT80	Chain0	0.10	1.923	---	---	0.10	1.176

Test Mode: 802.11a



Test Mode:802.11a 5720MHz Chain0

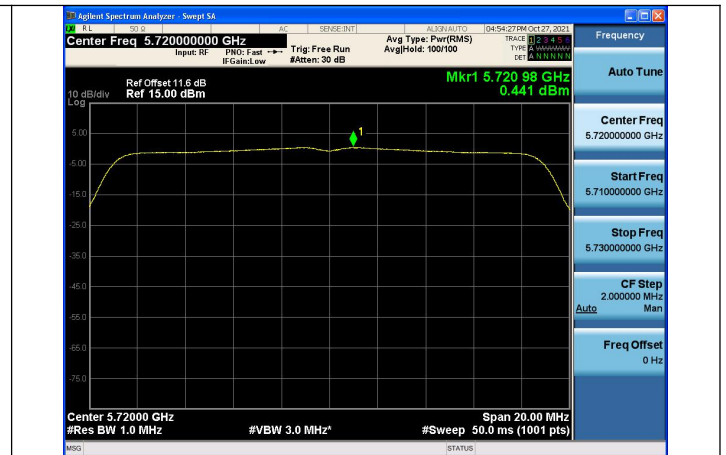


Test Mode:802.11a 5720MHz Chain0

Test Mode: 802.11n HT20



Test Mode:802.11n HT20 5720MHz Chain0

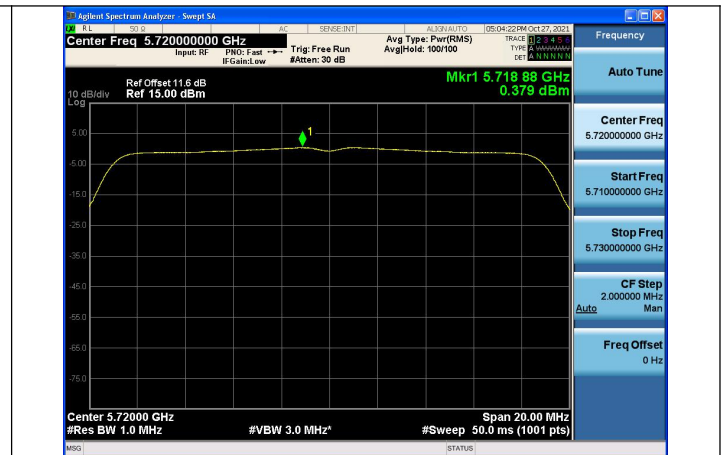


Test Mode:802.11n HT20 5720MHz Chain0

Test Mode: 802.11ac VHT20



Test Mode:802.11ac VHT20 5720MHz Chain0



Test Mode:802.11ac VHT20 5720MHz Chain0

Test Mode: 802.11n HT40



Test Mode:802.11n HT40 5710MHz Chain0

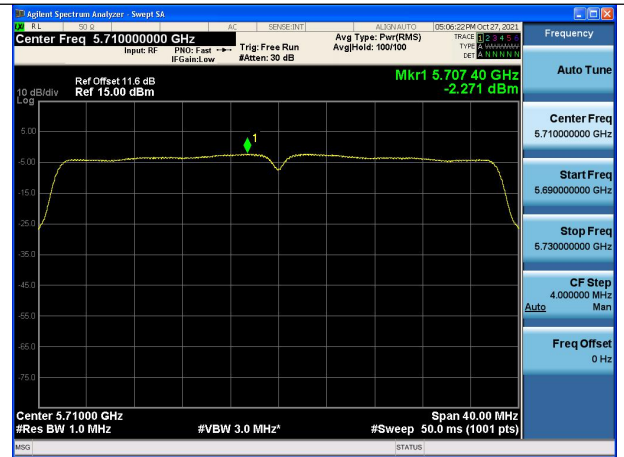


Test Mode:802.11n HT40 5710MHz Chain0

Test Mode: 802.11ac VHT40



Test Mode:802.11ac VHT40 5710MHz Chain0



Test Mode:802.11ac VHT40 5710MHz Chain0

Test Mode: 802.11ac VHT80



Test Mode:802.11ac VHT80 5690MHz Chain0



Test Mode:802.11ac VHT80 5690MHz Chain0