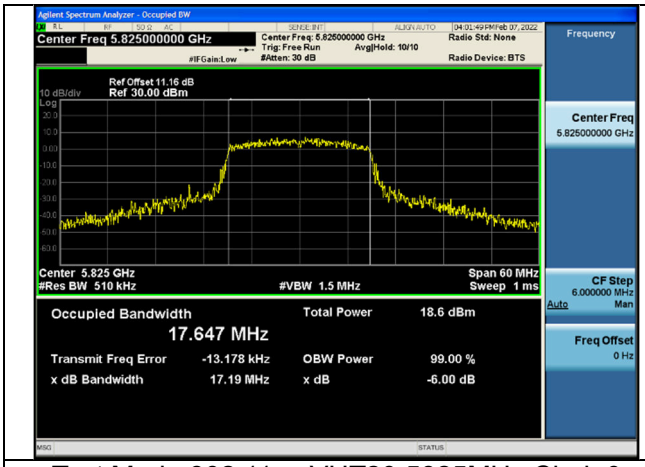
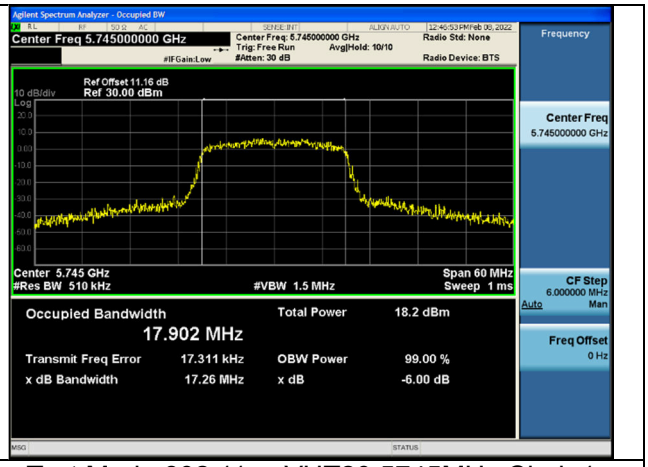
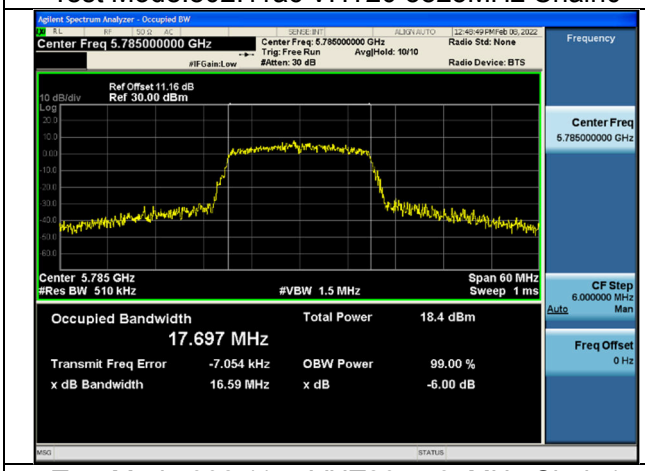


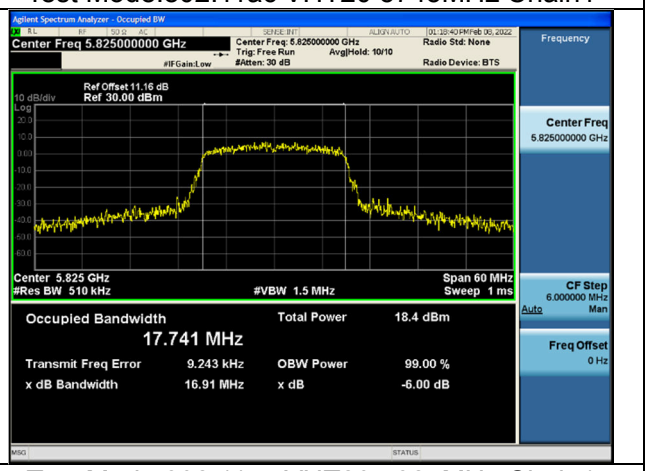
Test Mode:802.11ac VHT20 5825MHz Chain0



Test Mode:802.11ac VHT20 5745MHz Chain1

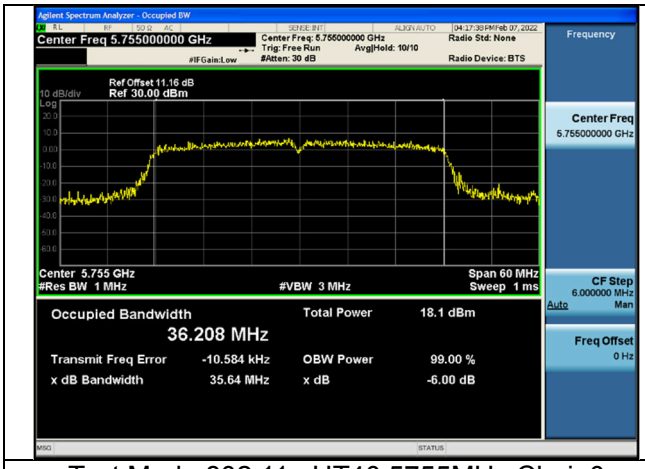


Test Mode:802.11ac VHT20 5785MHz Chain1

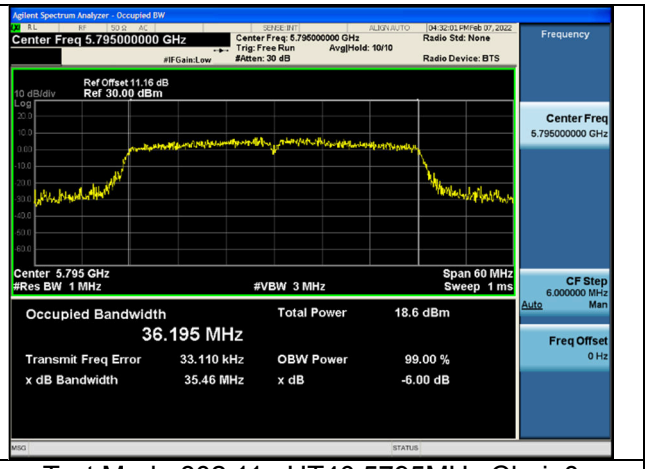


Test Mode:802.11ac VHT20 5825MHz Chain1

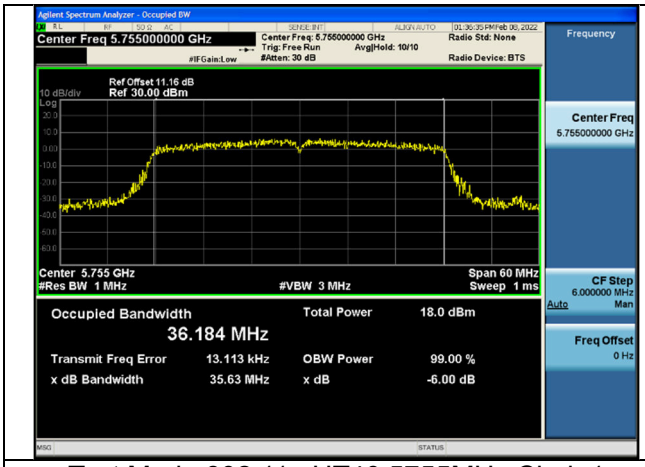
Test Mode: 802.11n HT40



Test Mode:802.11n HT40 5755MHz Chain0



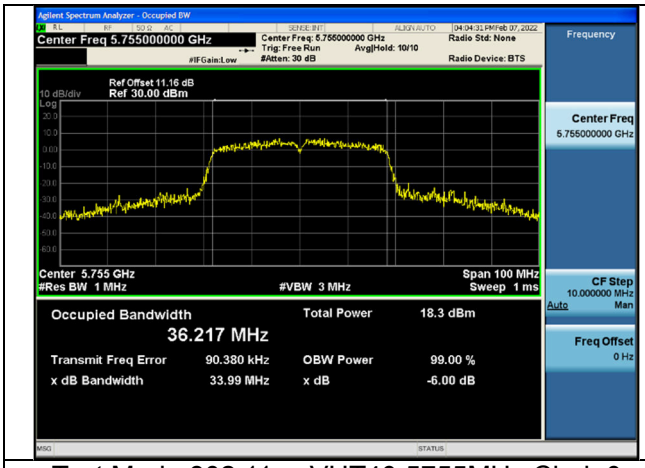
Test Mode:802.11n HT40 5795MHz Chain0



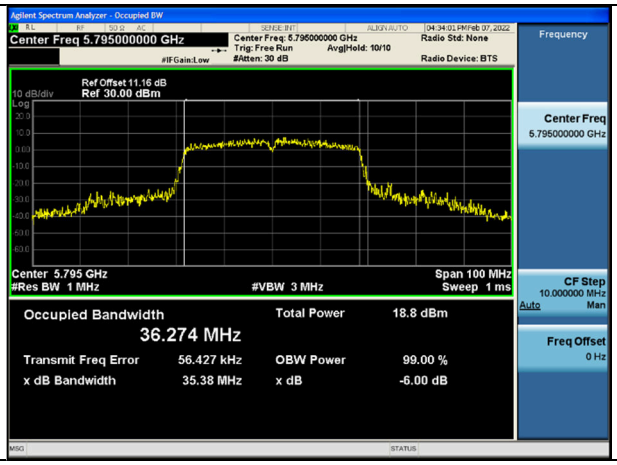
Test Mode:802.11n HT40 5755MHz Chain1

Test Mode:802.11n HT40 5795MHz Chain1

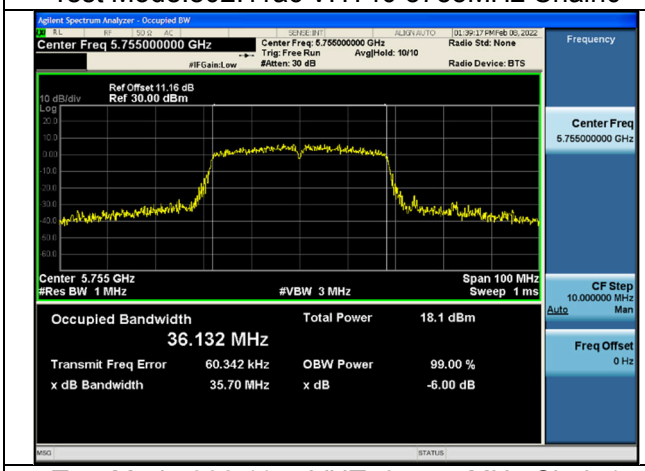
Test Mode: 802.11ac VHT40



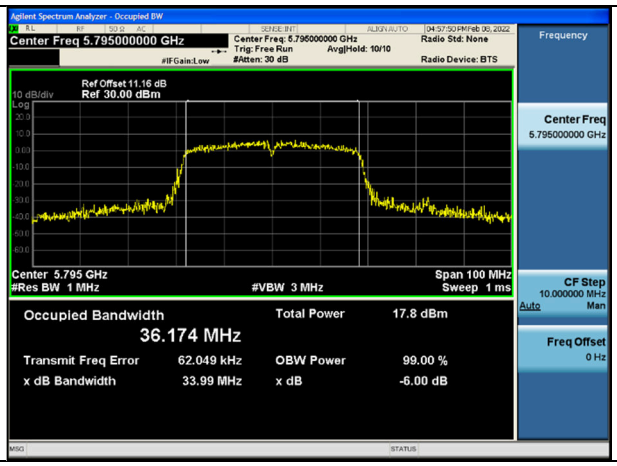
Test Mode:802.11ac VHT40 5755MHz Chain0



Test Mode:802.11ac VHT40 5795MHz Chain0

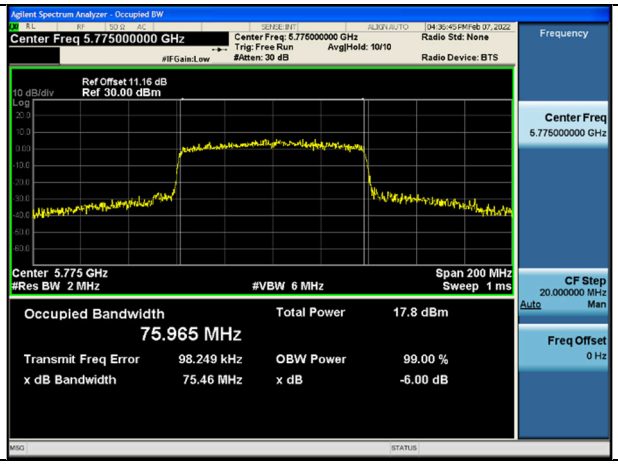


Test Mode:802.11ac VHT40 5755MHz Chain1

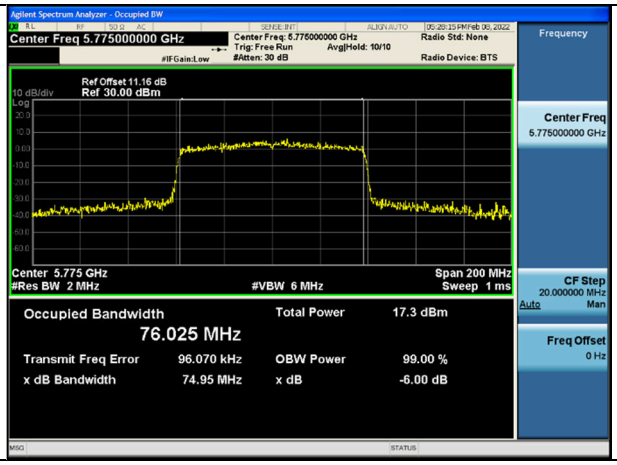


Test Mode:802.11ac VHT40 5795MHz Chain1

Test Mode: 802.11ac VHT80



Test Mode:802.11ac VHT80 5775MHz Chain0



Test Mode:802.11ac VHT80 5775MHz Chain1

6dB Bandwidth

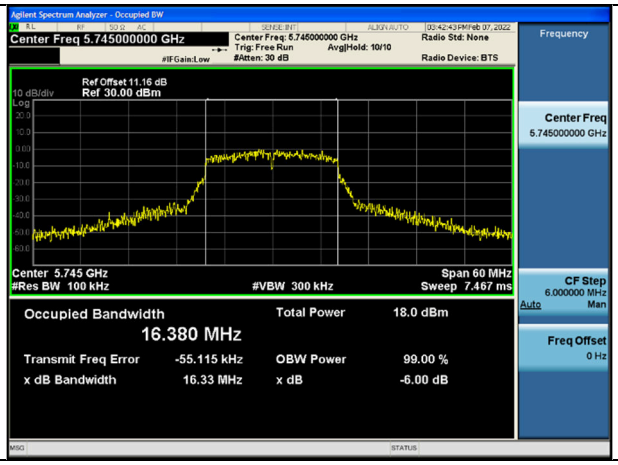
Offset 11.16dB = Attenuator 10dB+ Temporary antenna connector loss 0.2 dB + Cable loss 0.96 dB

Test Mode	Antenna	6dB Bandwidth (MHz)		
		Channel No.667	Channel No.675	Channel No.683
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.33	16.34	14.95
802.11a	Chain1	16.13	13.54	16.08
802.11n HT20	Chain0	15.86	17.23	17.32
802.11n HT20	Chain1	17.57	12.58	17.39
802.11ac VHT20	Chain0	14.70	15.74	17.59
802.11ac VHT20	Chain1	14.74	13.87	15.89

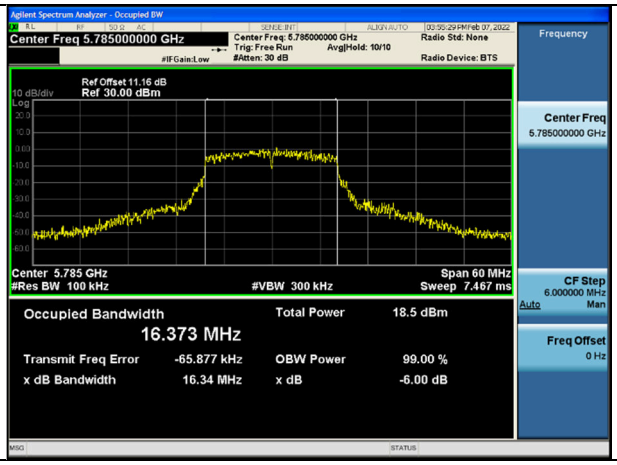
Test Mode	Antenna	6dB Bandwidth (MHz)		
		Channel No.669	---	Channel No.677
		5755MHz	---	5795MHz
802.11n HT40	Chain0	35.95	---	35.72
802.11n HT40	Chain1	36.02	---	33.25
802.11ac VHT40	Chain0	29.10	---	35.12
802.11ac VHT40	Chain1	35.12	---	35.43

Test Mode	Antenna	6dB Bandwidth (MHz)		
		Channel No.673	---	---
		5775MHz	---	---
802.11ac VHT80	Chain0	75.95	---	---
802.11ac VHT80	Chain1	72.70	---	---

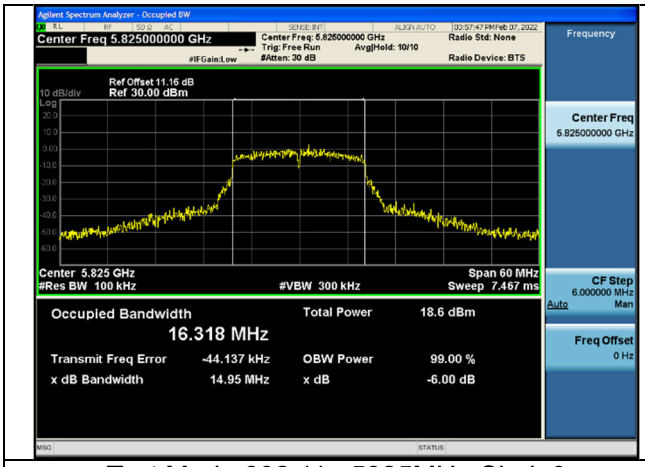
Test Mode: 802.11a



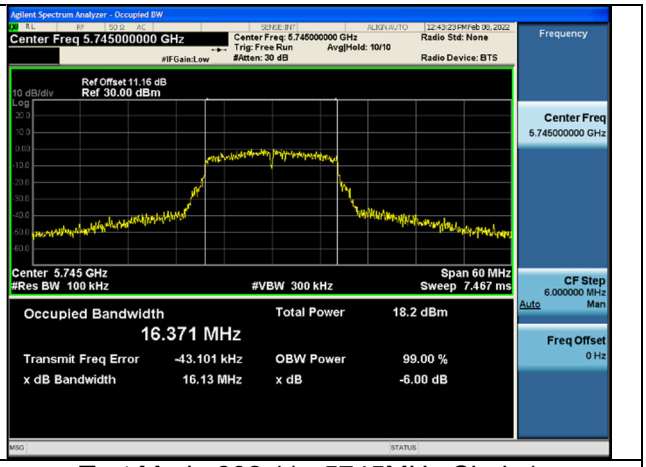
Test Mode:802.11a 5745MHz Chain0



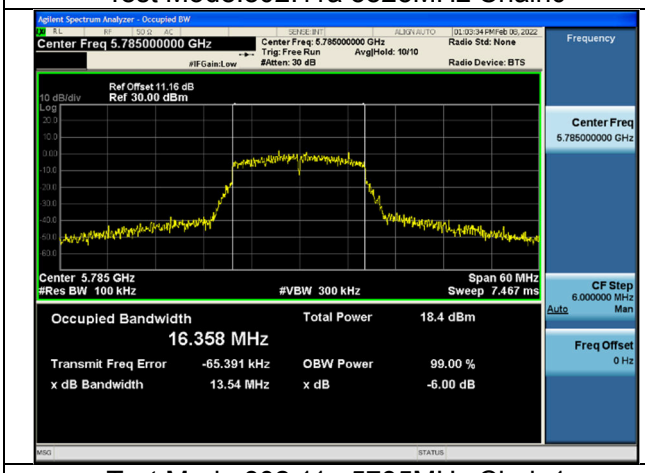
Test Mode:802.11a 5785MHz Chain0



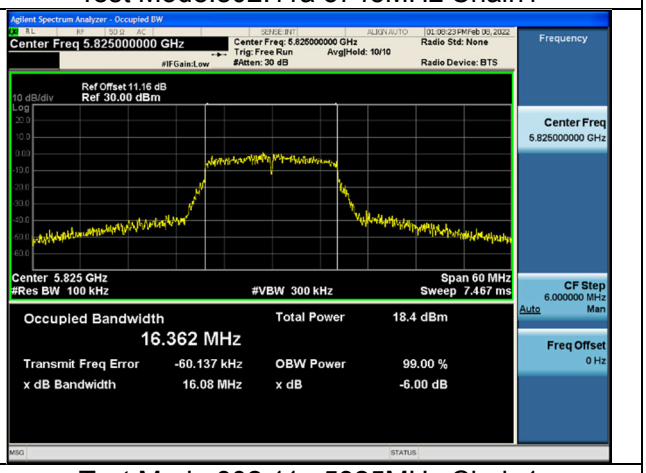
Test Mode:802.11a 5825MHz Chain0



Test Mode:802.11a 5745MHz Chain1

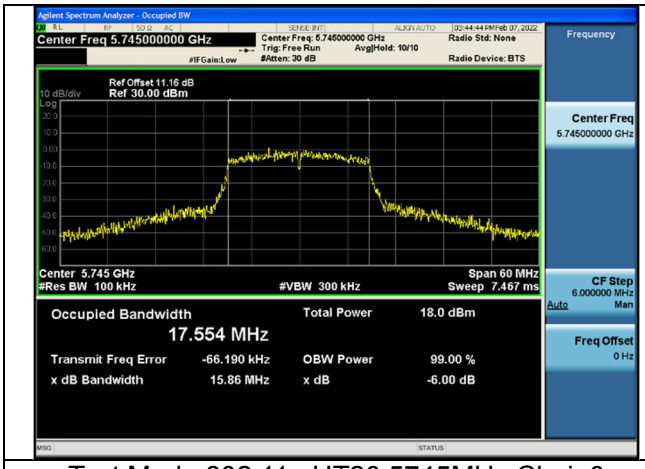


Test Mode:802.11a 5785MHz Chain1

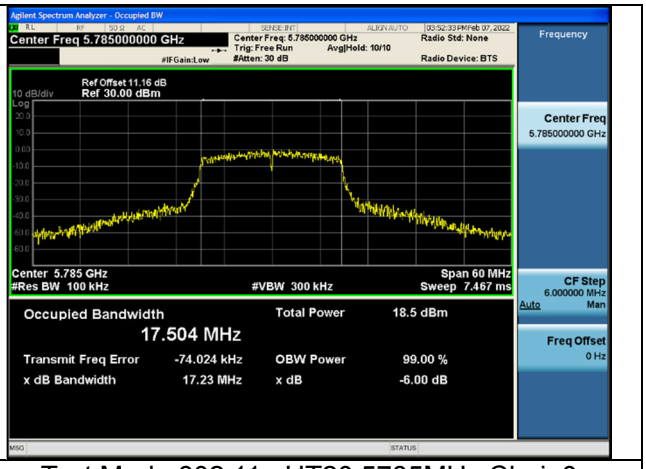


Test Mode:802.11a 5825MHz Chain1

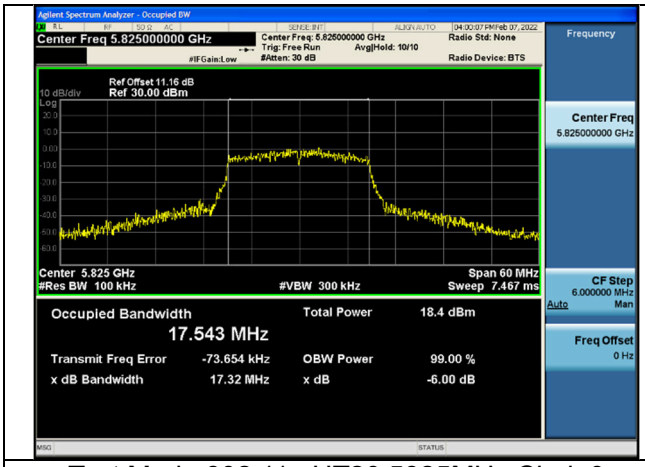
Test Mode: 802.11n HT20



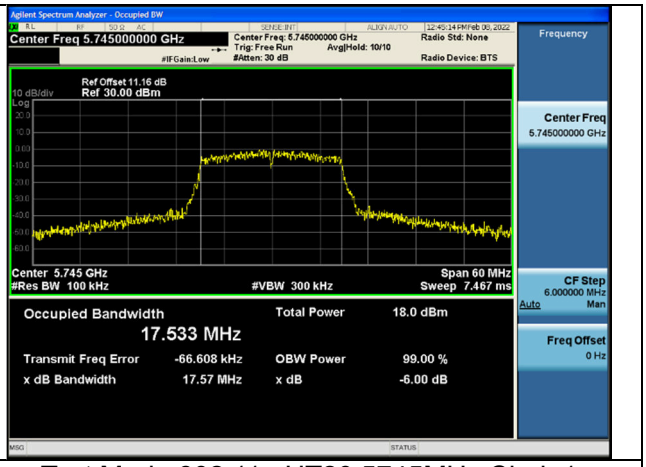
Test Mode:802.11n HT20 5745MHz Chain0



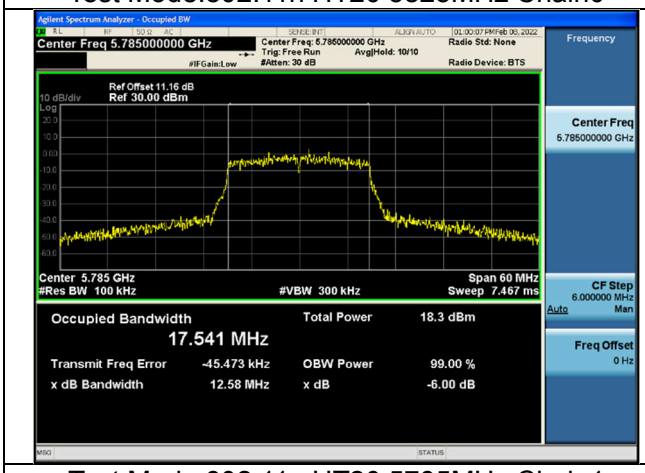
Test Mode:802.11n HT20 5785MHz Chain0



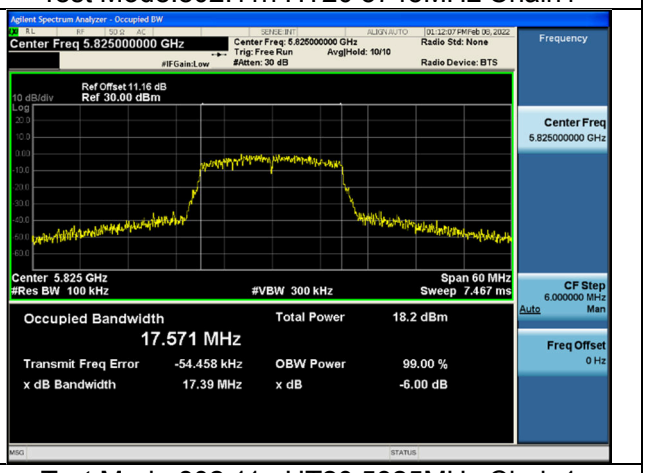
Test Mode:802.11n HT20 5825MHz Chain0



Test Mode:802.11n HT20 5745MHz Chain1

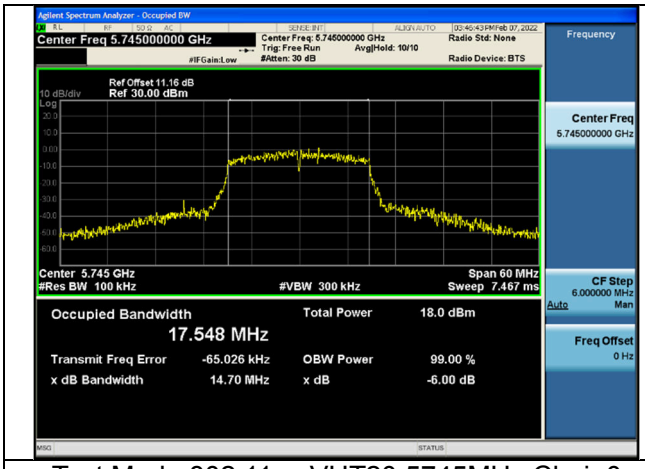


Test Mode:802.11n HT20 5785MHz Chain1

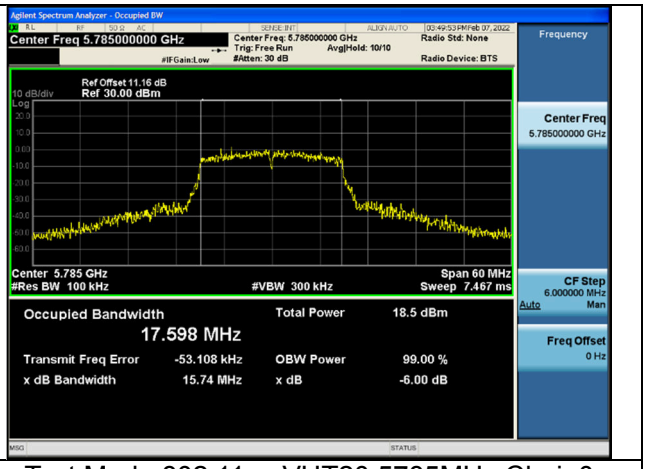


Test Mode:802.11n HT20 5825MHz Chain1

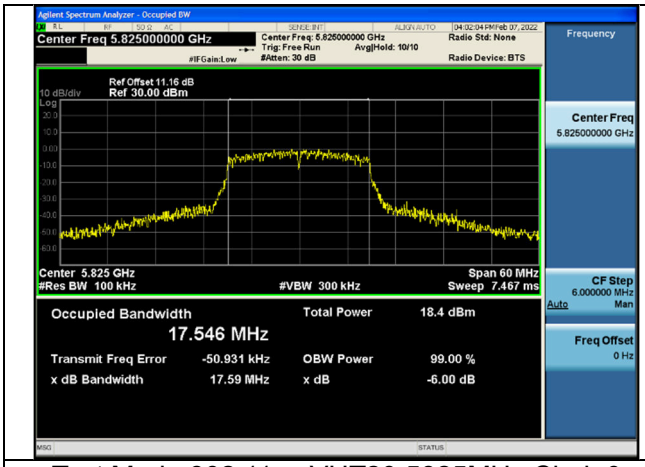
Test Mode: 802.11ac VHT20



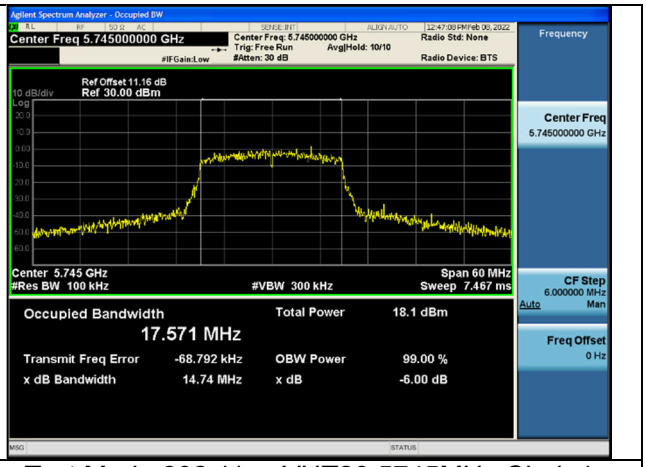
Test Mode:802.11ac VHT20 5745MHz Chain0



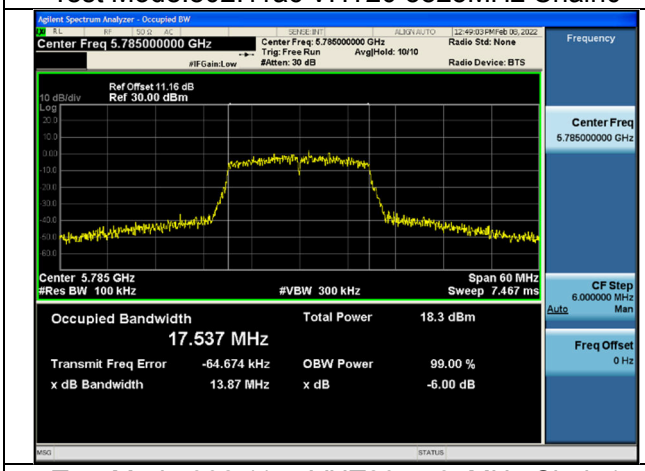
Test Mode:802.11ac VHT20 5785MHz Chain0



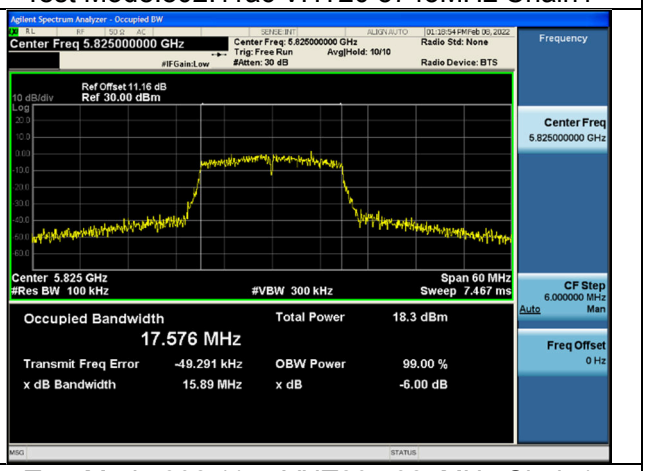
Test Mode:802.11ac VHT20 5825MHz Chain0



Test Mode:802.11ac VHT20 5745MHz Chain1

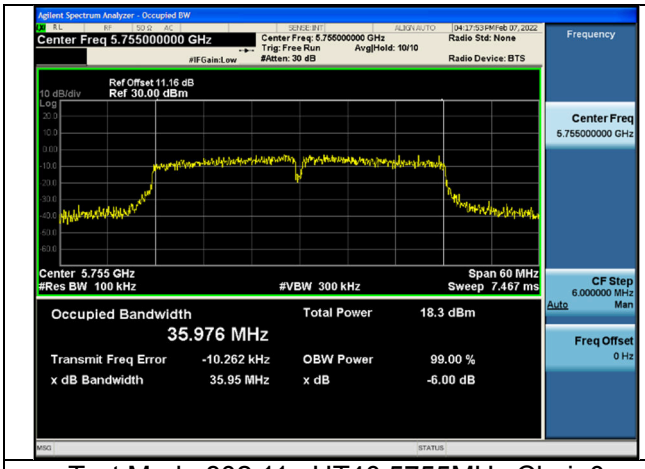


Test Mode:802.11ac VHT20 5785MHz Chain1

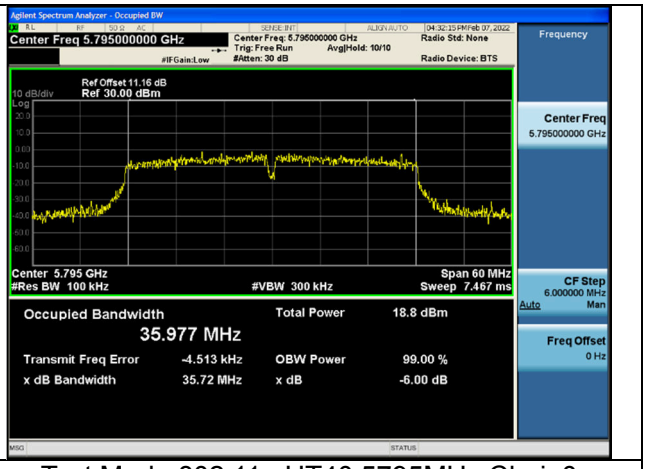


Test Mode:802.11ac VHT20 5825MHz Chain1

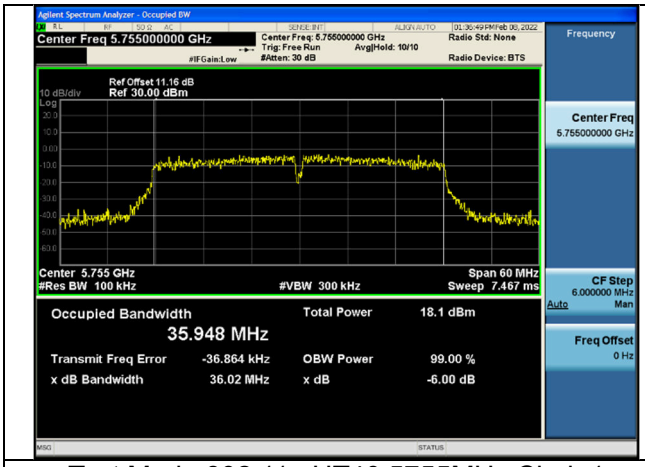
Test Mode: 802.11n HT40



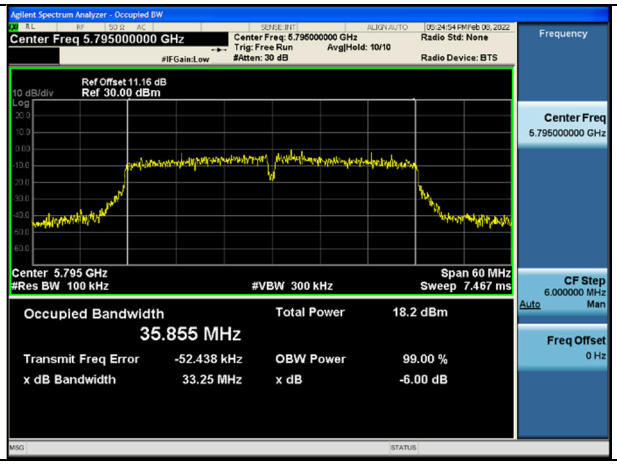
Test Mode:802.11n HT40 5755MHz Chain0



Test Mode:802.11n HT40 5795MHz Chain0

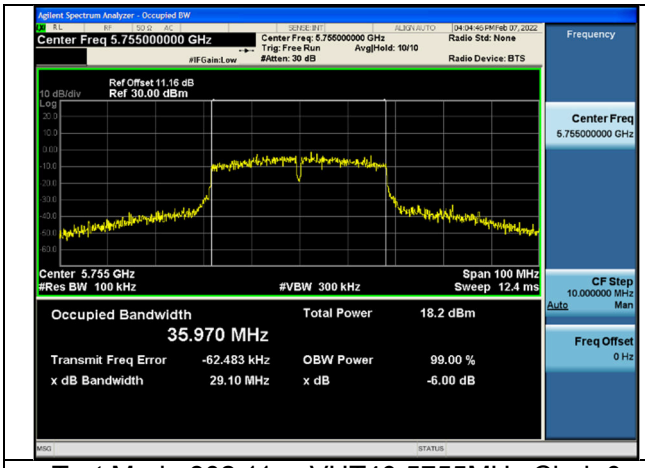


Test Mode:802.11n HT40 5755MHz Chain1

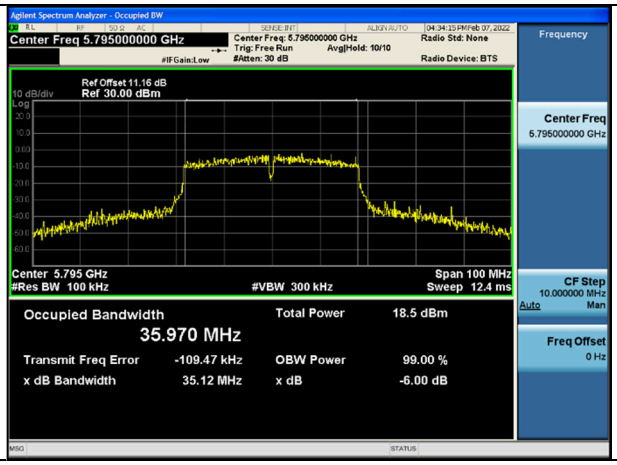


Test Mode:802.11n HT40 5795MHz Chain1

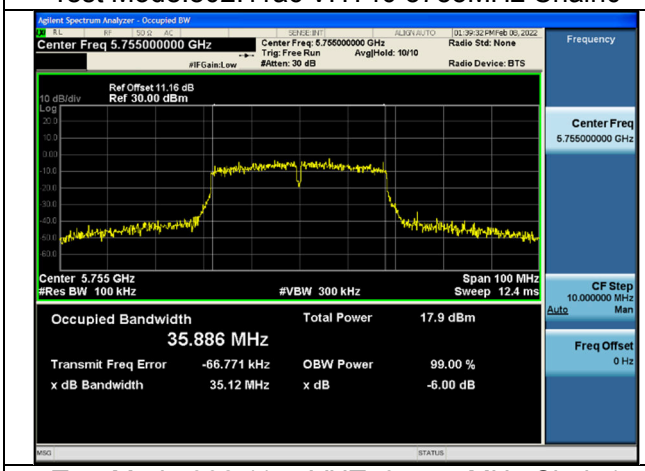
Test Mode: 802.11ac VHT40



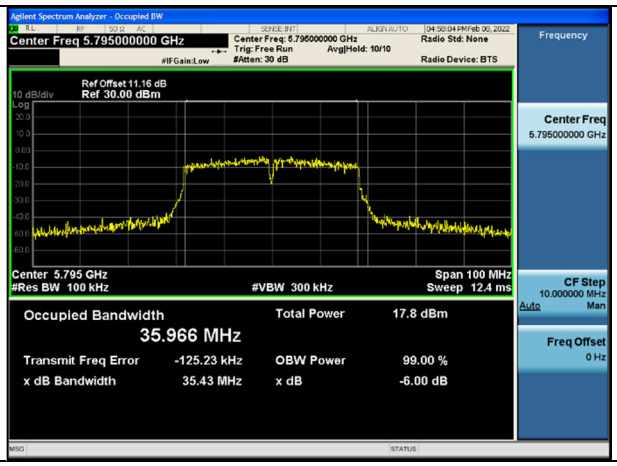
Test Mode:802.11ac VHT40 5755MHz Chain0



Test Mode:802.11ac VHT40 5795MHz Chain0

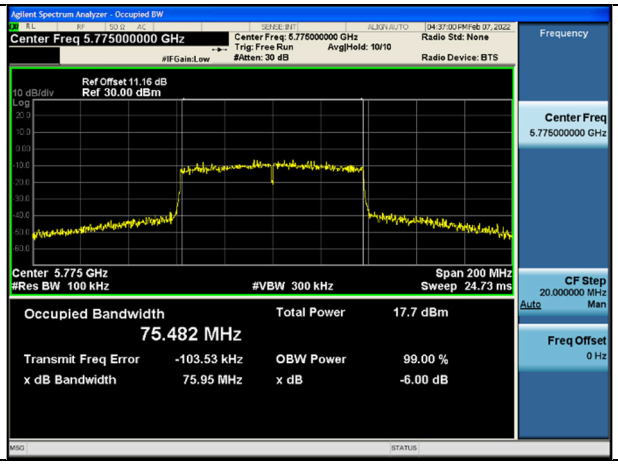


Test Mode:802.11ac VHT40 5755MHz Chain1

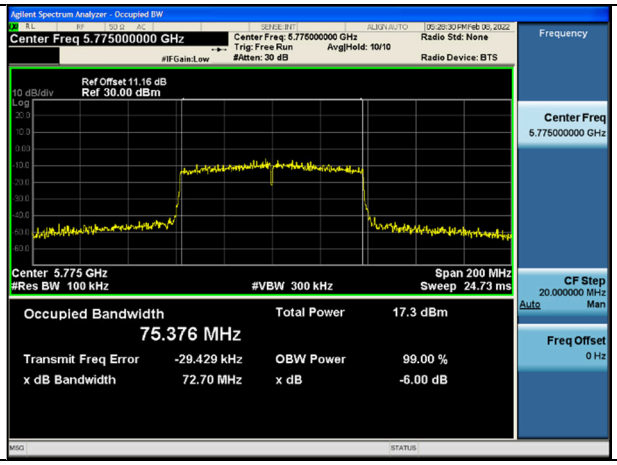


Test Mode:802.11ac VHT40 5795MHz Chain1

Test Mode: 802.11ac VHT80



Test Mode:802.11ac VHT80 5775MHz Chain0



Test Mode:802.11ac VHT80 5775MHz Chain1

Transmitter Power Spectral Density

Offset 11.16dB = Attenuator 10dB+ Temporary antenna connector loss 0.2 dB + Cable loss 0.96 dB

TestMode	Antenna	5745MHz		5785MHz		5825MHz	
		Correction Factor(dB)	Power Density (dBm/500KHz)	Correction Factor(dB)	Power Density (dBm/500KHz)	Correction Factor(dB)	Power Density (dBm/500KHz)
802.11a	Chain0	0	3.348	0	3.364	0	3.248
802.11a	Chain1	0	-14.894	0	-14.502	0	-13.376
802.11n HT20	Chain0	0	3.129	0	3.356	0	3.100
802.11n HT20	Chain1	0	-15.386	0	-14.772	0	-13.706
802.11n HT20	MIMO	0	3.190	0	3.422	0	3.190
802.11ac VHT20	Chain0	0	3.263	0	2.977	0	3.023
802.11ac VHT20	Chain1	0	-15.200	0	-14.581	0	-13.454
802.11ac VHT20	MIMO	0	3.324	0	3.053	0	3.120

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result.

TestMode	Antenna	5755MHz		---		5795MHz	
		Correction Factor(dB)	Power Density (dBm/500KHz)	Correction Factor(dB)	Power Density (dBm/500KHz)	Correction Factor(dB)	Power Density (dBm/500KHz)
802.11n HT40	Chain0	0.12	0.085	---	---	0.12	0.102
802.11n HT40	Chain1	0.12	-18.210	---	---	0.12	-17.575
802.11n HT40	MIMO	0.12	0.149		---	0.12	0.176
802.11ac VHT40	Chain0	0.11	0.370	---	---	0.11	0.067
802.11ac VHT40	Chain1	0.11	-18.230	---	---	0.11	-17.508
802.11ac VHT40	MIMO	0.11	0.430		---	0.11	0.142

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result.

TestMode	Antenna	5775MHz		---		---	
		Correction Factor(dB)	Power Density (dBm/500KHz)	Correction Factor(dB)	Power Density (dBm/500KHz)	Correction Factor(dB)	Power Density (dBm/500KHz)
802.11ac VHT80	Chain0	0.22	-2.909	---	---	---	---
802.11ac VHT80	Chain1	0.22	-20.850	---	---	---	---
802.11ac VHT80	MIMO	0.22	-2.840		---		---

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result.