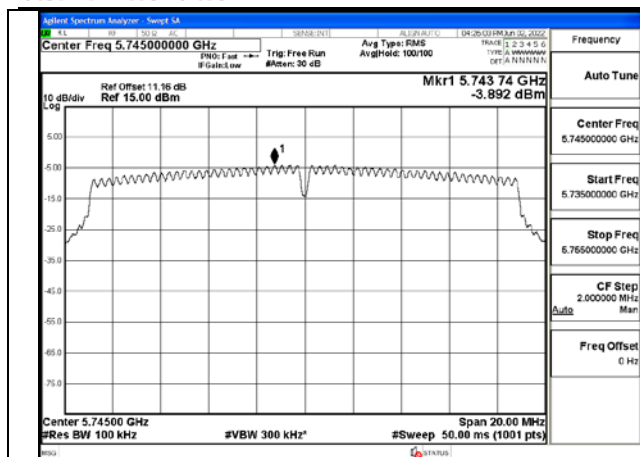
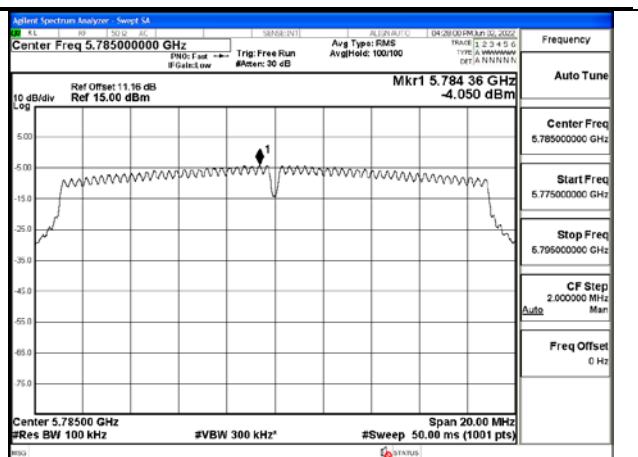
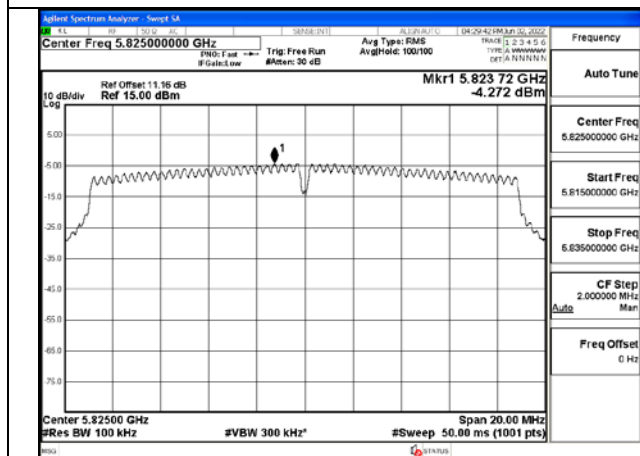




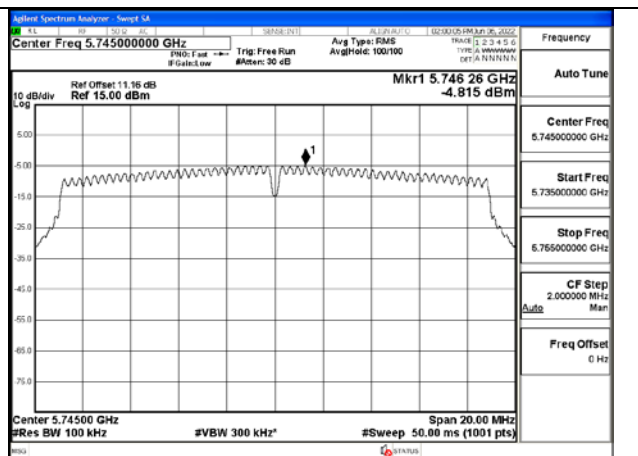
Test Mode:802.11ac VHT20 5745MHz Chain0



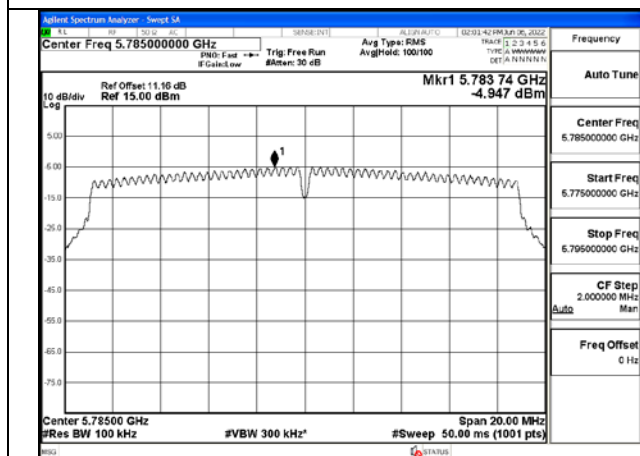
Test Mode:802.11ac VHT20 5785MHz Chain0



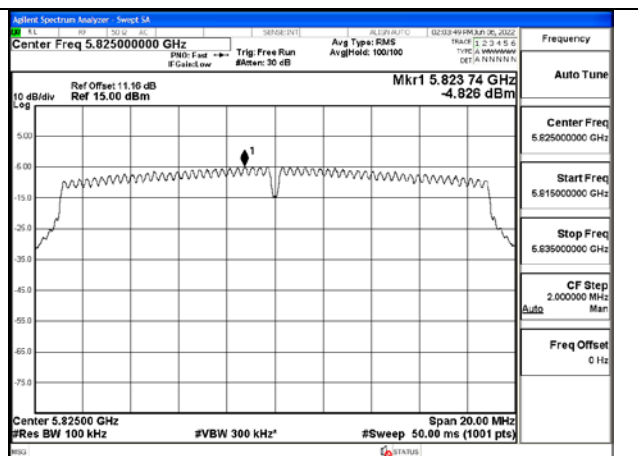
Test Mode:802.11ac VHT20 5825MHz Chain0



Test Mode:802.11ac VHT20 5745MHz Chain1

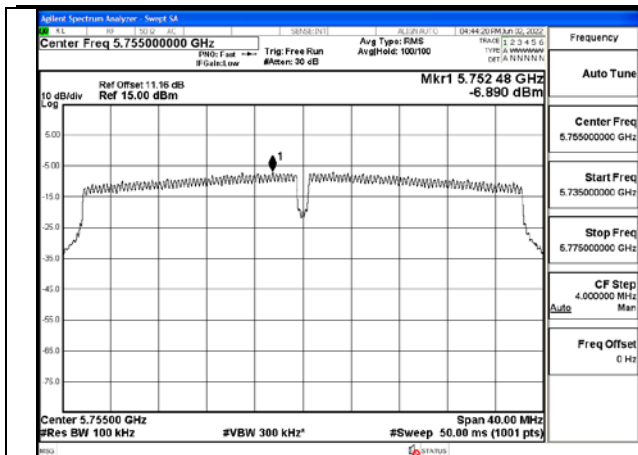


Test Mode:802.11ac VHT20 5785MHz Chain1

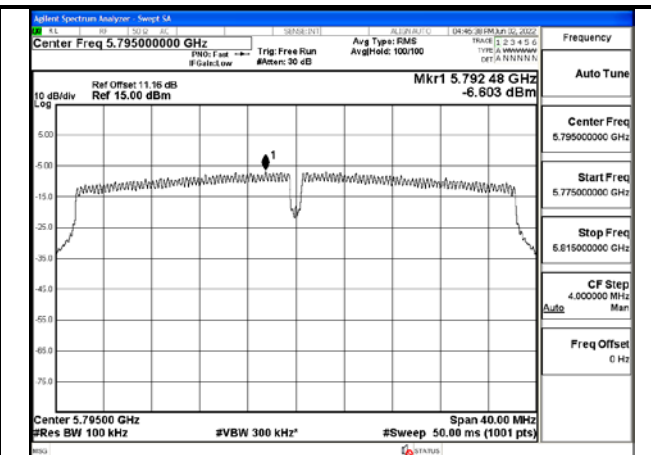


Test Mode:802.11ac VHT20 5825MHz Chain1

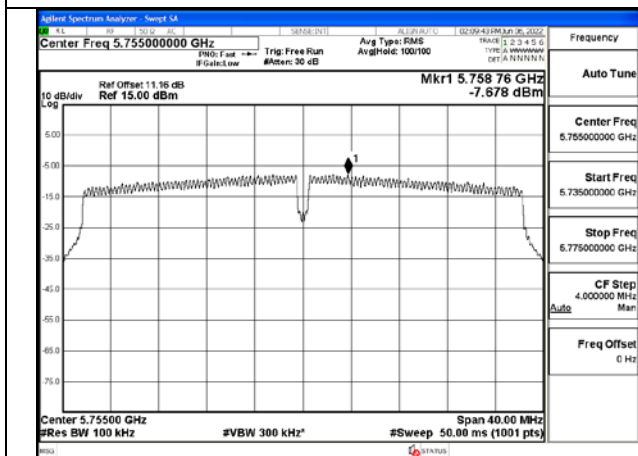
Test Mode: 802.11n HT40



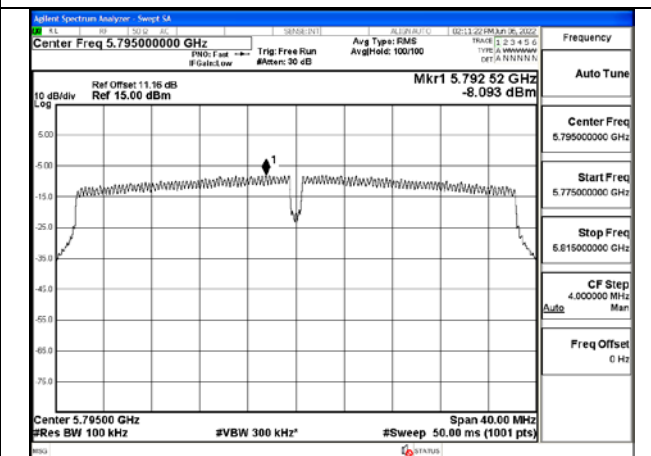
Test Mode:802.11n HT40 5755MHz Chain0



Test Mode:802.11n HT40 5795MHz Chain0

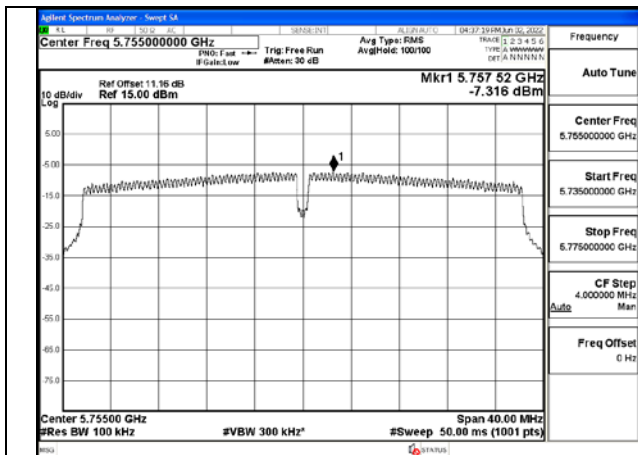


Test Mode:802.11n HT40 5755MHz Chain1

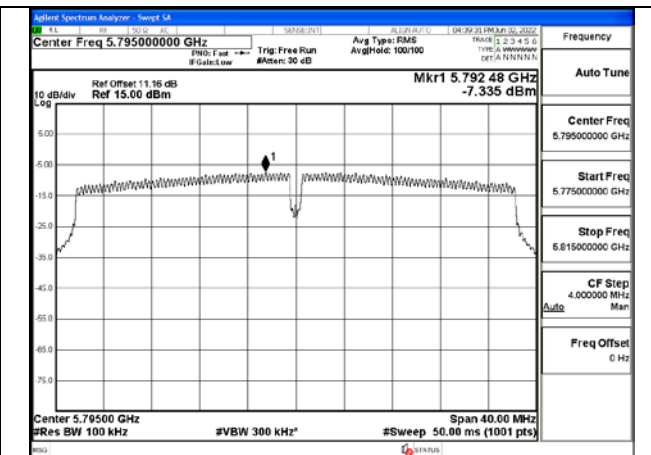


Test Mode:802.11n HT40 5795MHz Chain1

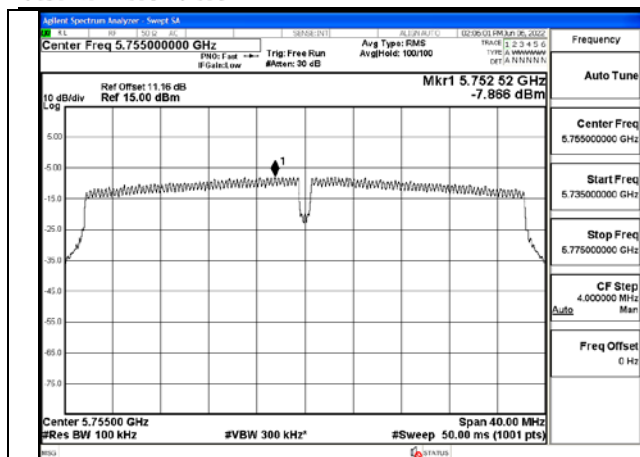
Test Mode: 802.11ac VHT40



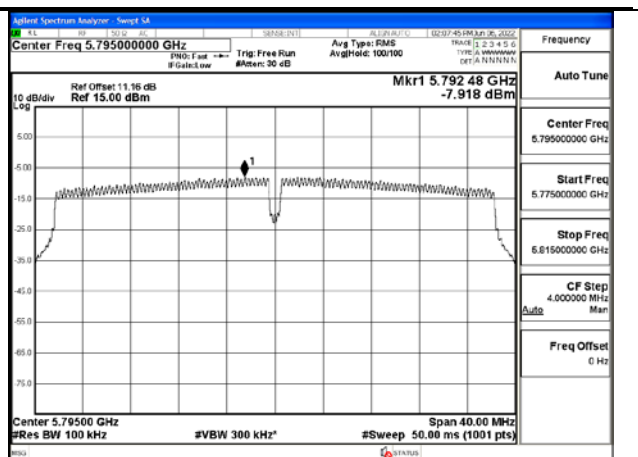
Test Mode:802.11ac VHT40 5755MHz Chain0



Test Mode:802.11ac VHT40 5795MHz Chain0

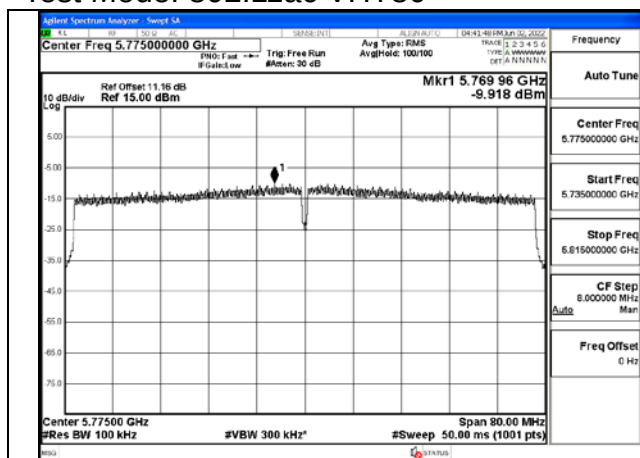


Test Mode:802.11ac VHT40 5755MHz Chain1

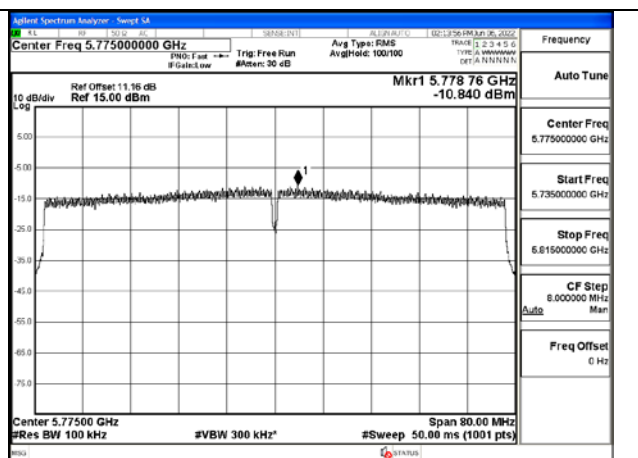


Test Mode:802.11ac VHT40 5795MHz Chain1

Test Mode: 802.11ac VHT80



Test Mode:802.11ac VHT80 5775MHz Chain0



Test Mode:802.11ac VHT80 5775MHz Chain1

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Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)
802.11a	5745	88.41%	0.54
802.11a	5745	87.53%	0.58
802.11n HT20	5745	87.18%	0.60
802.11n HT20	5745	86.79%	0.62
802.11ac VHT20	5745	87.17%	0.60
802.11ac VHT20	5745	86.48%	0.63
802.11n HT40	5755	79.58%	0.99
802.11n HT40	5755	80.21%	0.96
802.11ac VHT40	5755	79.19%	1.01
802.11ac VHT40	5755	80.29%	0.95
802.11ac VHT80	5775	72.24%	1.41
802.11ac VHT80	5775	72.21%	1.41

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	5745	Chain0	14.66	15.01
802.11a	NA	5745	Chain1	16.46	16.86
802.11a	NA	5785	Chain0	14.26	14.61
802.11a	NA	5785	Chain1	16.28	16.68
802.11a	NA	5825	Chain0	14.63	14.98
802.11a	NA	5825	Chain1	16.14	16.54
802.11n HT20	NA	5745	Chain0	14.32	14.67
802.11n HT20	NA	5745	Chain1	16.38	16.78
802.11n HT20	NA	5745	MIMO	18.48	18.88
802.11n HT20	NA	5785	Chain0	14.11	14.46
802.11n HT20	NA	5785	Chain1	16.23	16.63
802.11n HT20	NA	5785	MIMO	18.31	18.71
802.11n HT20	NA	5825	Chain0	14.46	14.81
802.11n HT20	NA	5825	Chain1	16.24	16.64
802.11n HT20	NA	5825	MIMO	18.45	18.85
802.11ac VHT20	NA	5745	Chain0	14.43	14.78
802.11ac VHT20	NA	5745	Chain1	16.30	16.70
802.11ac VHT20	NA	5745	MIMO	18.48	18.88
802.11ac VHT20	NA	5785	Chain0	14.00	14.35
802.11ac VHT20	NA	5785	Chain1	16.20	16.60
802.11ac VHT20	NA	5785	MIMO	18.25	18.65
802.11ac VHT20	NA	5825	Chain0	14.37	14.72
802.11ac VHT20	NA	5825	Chain1	16.30	16.70
802.11ac VHT20	NA	5825	MIMO	18.45	18.85
802.11n HT40	NA	5755	Chain0	13.68	14.03
802.11n HT40	NA	5755	Chain1	15.28	15.68
802.11n HT40	NA	5755	MIMO	17.56	17.96
802.11n HT40	NA	5795	Chain0	13.26	13.61
802.11n HT40	NA	5795	Chain1	14.97	15.37
802.11n HT40	NA	5795	MIMO	17.21	17.61
802.11ac VHT40	NA	5755	Chain0	13.47	13.82
802.11ac VHT40	NA	5755	Chain1	15.38	15.78
802.11ac VHT40	NA	5755	MIMO	17.54	17.94
802.11ac VHT40	NA	5795	Chain0	13.26	13.61
802.11ac VHT40	NA	5795	Chain1	14.99	15.39
802.11ac VHT40	NA	5795	MIMO	17.22	17.62
802.11ac VHT80	NA	5775	Chain0	11.94	12.29
802.11ac VHT80	NA	5775	Chain1	13.74	14.14
802.11ac VHT80	NA	5775	MIMO	15.94	16.34

Emission Bandwidth

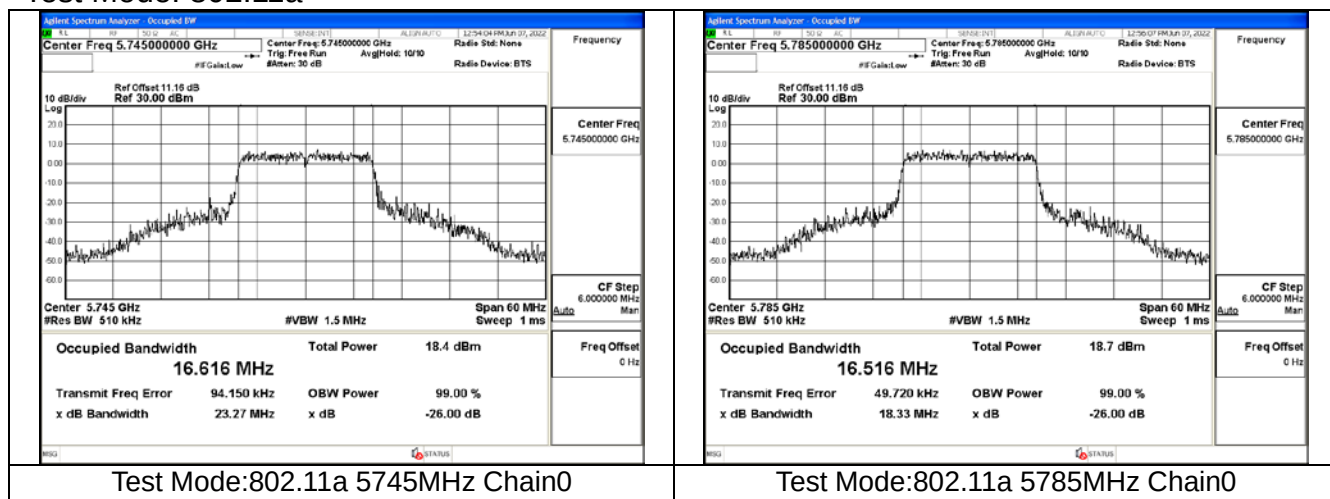
Offset 11.16dB = Attenuator + Temporary antenna connector loss + Cable loss

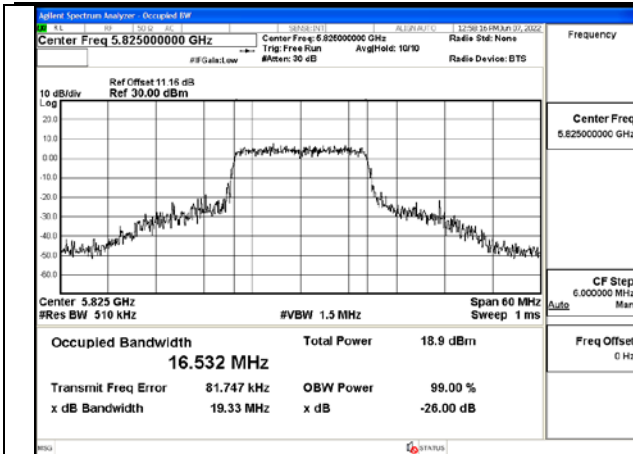
Test Mode	Antenna	26dB Bandwidth (MHz)		
		Channel No.667	Channel No.675	Channel No.683
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	23.27	18.33	19.33
802.11a	Chain1	29.02	25.58	23.38
802.11n HT20	Chain0	19.34	19.73	19.54
802.11n HT20	Chain1	28.38	28.39	22.94
802.11ac VHT20	Chain0	19.60	20.30	22.00
802.11ac VHT20	Chain1	29.31	24.93	29.48

Test Mode	Antenna	26dB Bandwidth (MHz)		
		Channel No.669	---	Channel No.677
		5755MHz	---	5795MHz
802.11n HT40	Chain0	41.21	---	41.16
802.11n HT40	Chain1	49.88	---	48.05
802.11ac VHT40	Chain0	41.39	---	41.00
802.11ac VHT40	Chain1	46.56	---	43.76

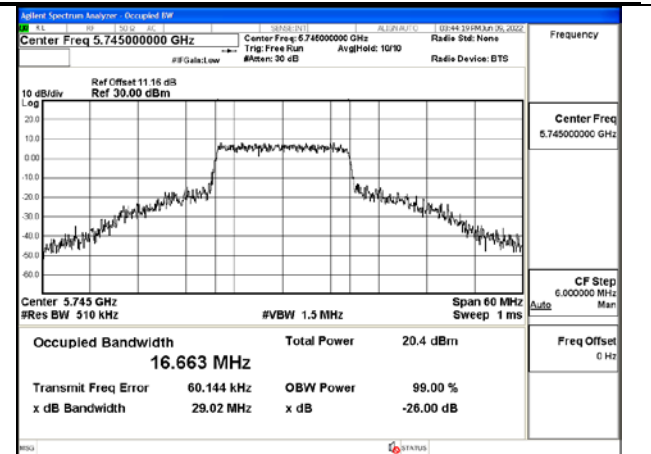
Test Mode	Antenna	26dB Bandwidth (MHz)		
		Channel No.673	---	---
		5775MHz	---	---
802.11ac VHT80	Chain0	81.21	---	---
802.11ac VHT80	Chain1	89.01	---	---

Test Mode: 802.11a

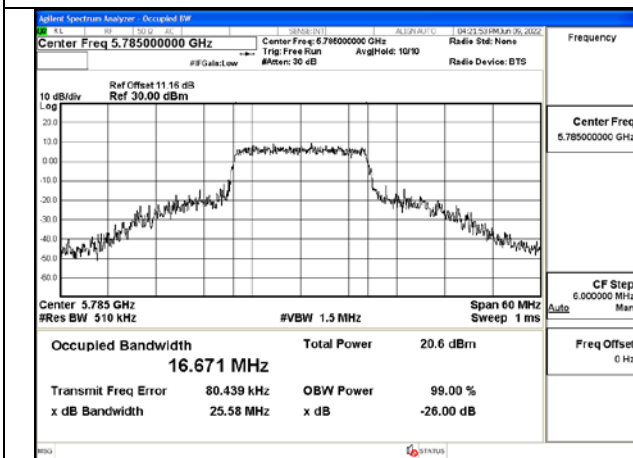




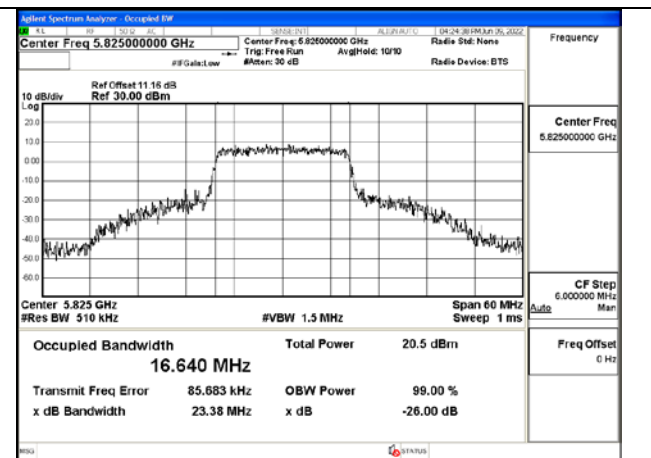
Test Mode:802.11a 5825MHz Chain0



Test Mode:802.11a 5745MHz Chain1

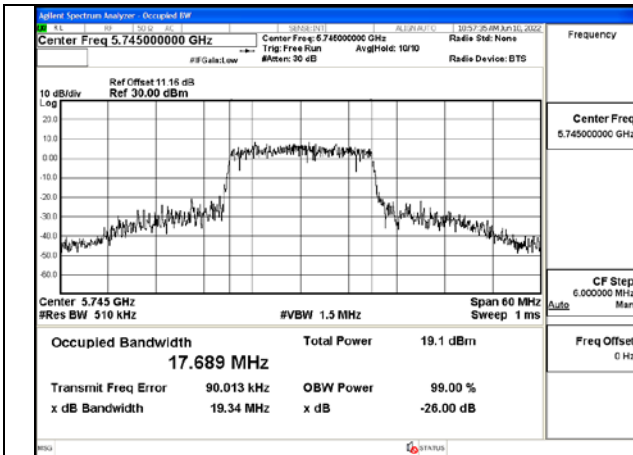


Test Mode:802.11a 5785MHz Chain1

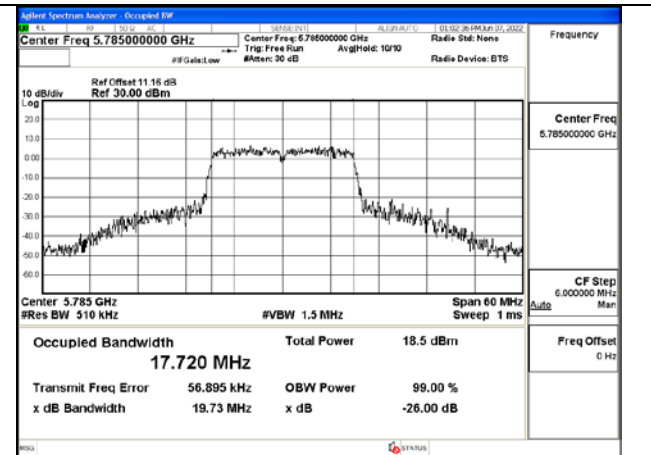


Test Mode:802.11a 5825MHz Chain1

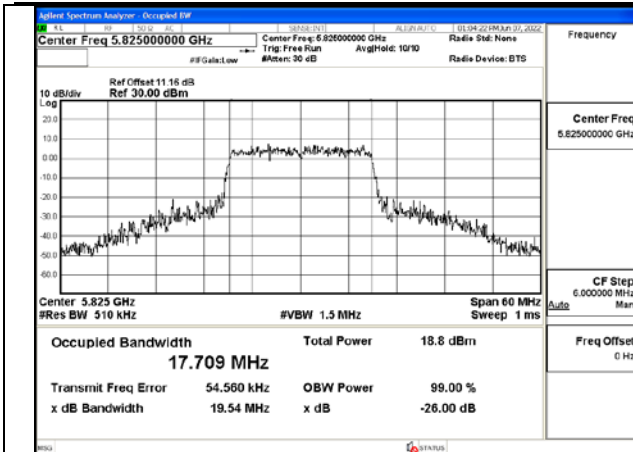
Test Mode: 802.11n HT20



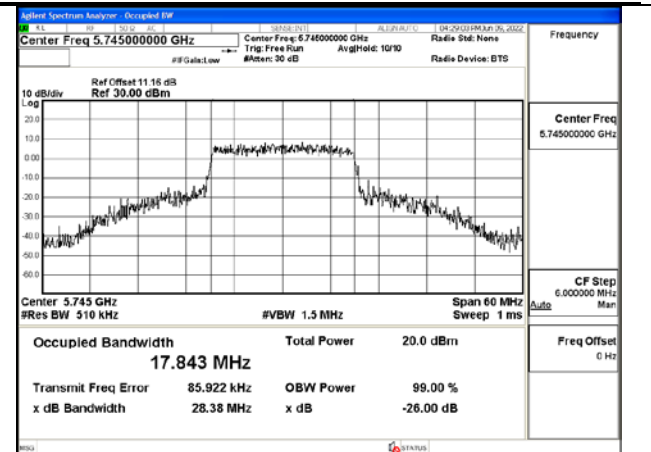
Test Mode:802.11n HT20 5745MHz Chain0



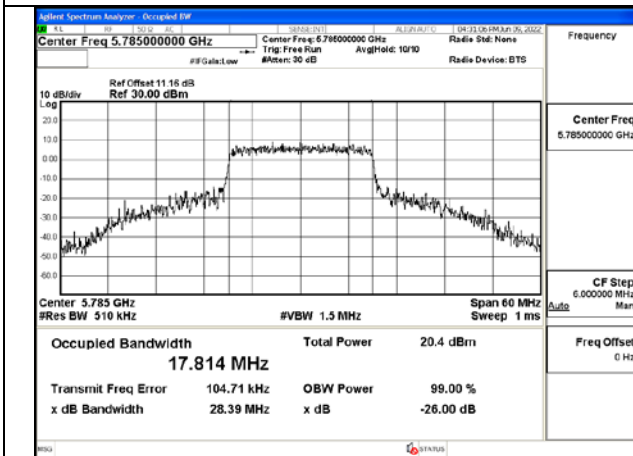
Test Mode:802.11n HT20 5785MHz Chain0



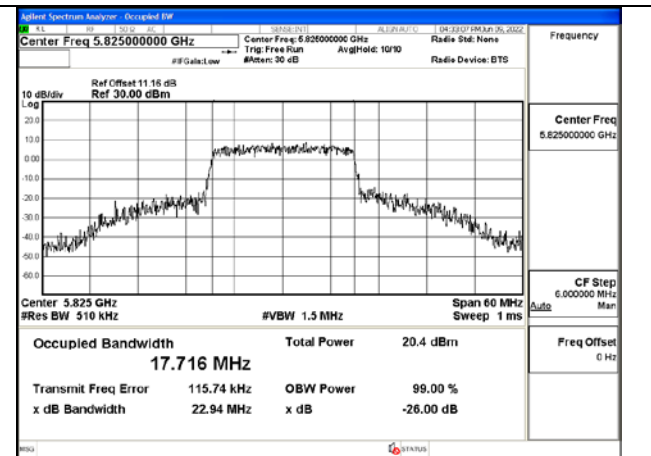
Test Mode:802.11n HT20 5825MHz Chain0



Test Mode:802.11n HT20 5745MHz Chain1

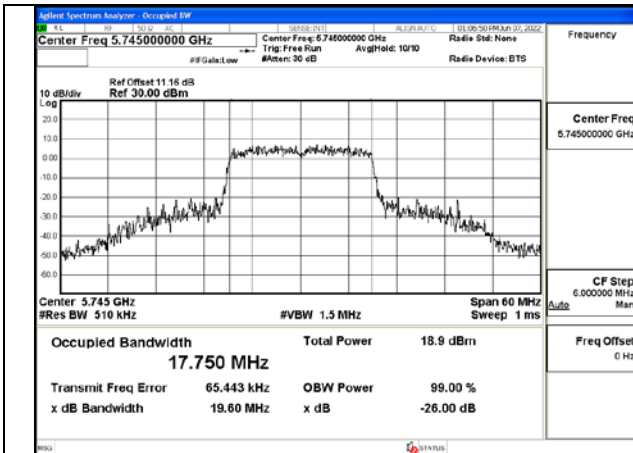


Test Mode:802.11n HT20 5785MHz Chain1

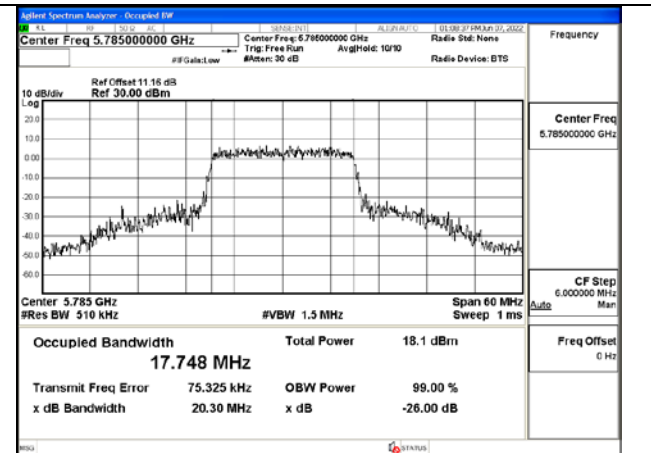


Test Mode:802.11n HT20 5825MHz Chain1

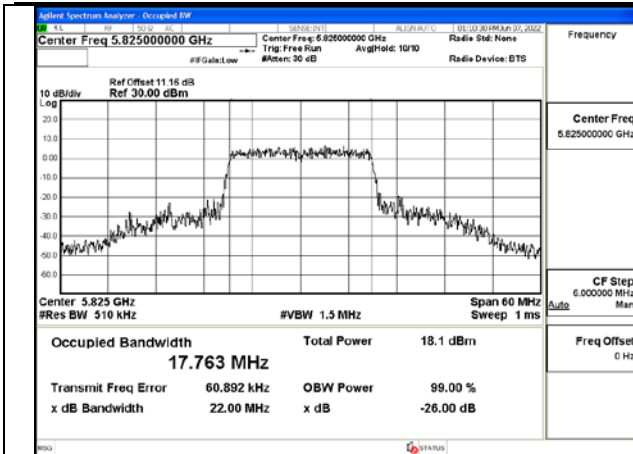
Test Mode: 802.11ac VHT20



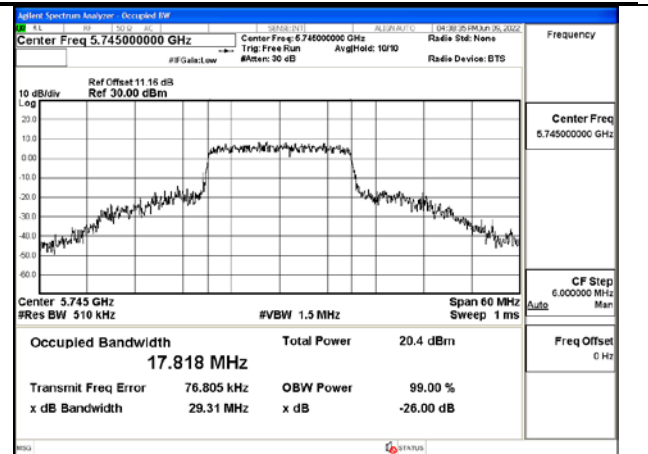
Test Mode:802.11ac VHT20 5745MHz Chain0



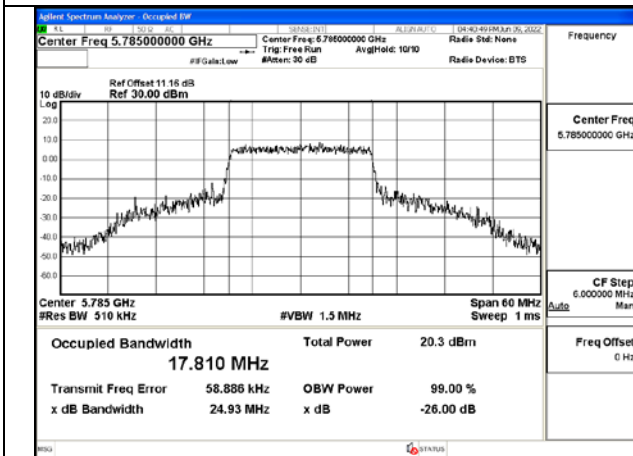
Test Mode:802.11ac VHT20 5785MHz Chain0



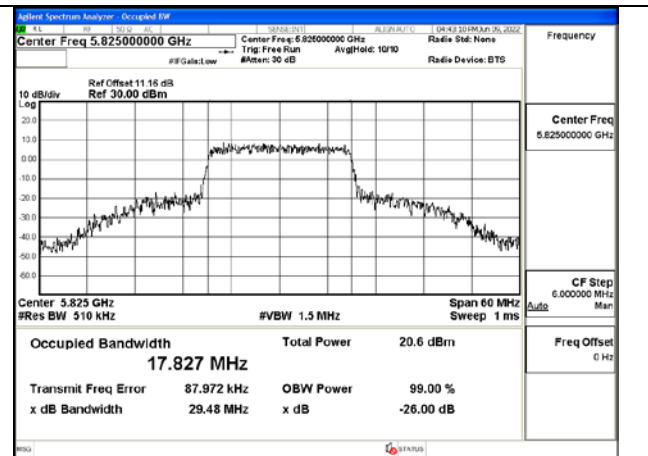
Test Mode:802.11ac VHT20 5825MHz Chain0



Test Mode:802.11ac VHT20 5745MHz Chain1

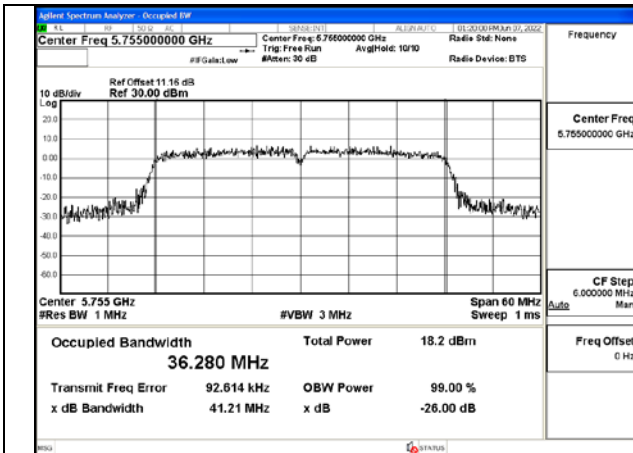


Test Mode:802.11ac VHT20 5785MHz Chain1

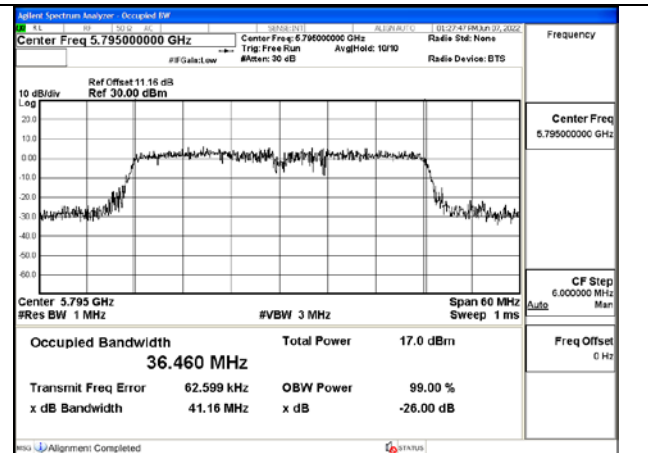


Test Mode:802.11ac VHT20 5825MHz Chain1

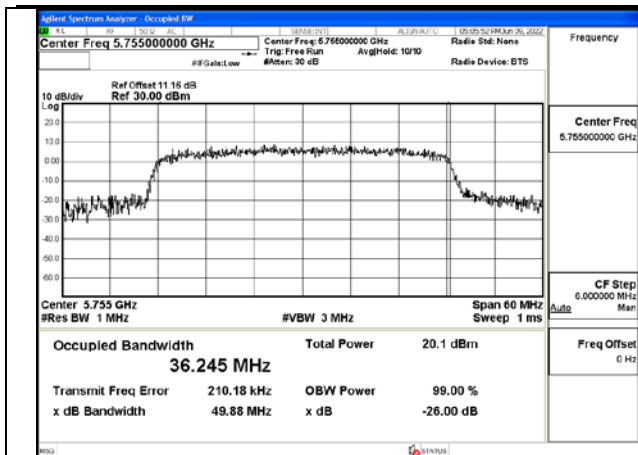
Test Mode: 802.11n HT40



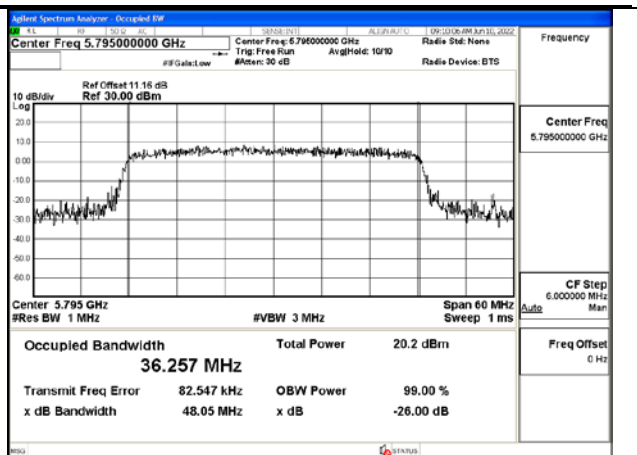
Test Mode:802.11n HT40 5755MHz Chain0



Test Mode:802.11n HT40 5795MHz Chain0

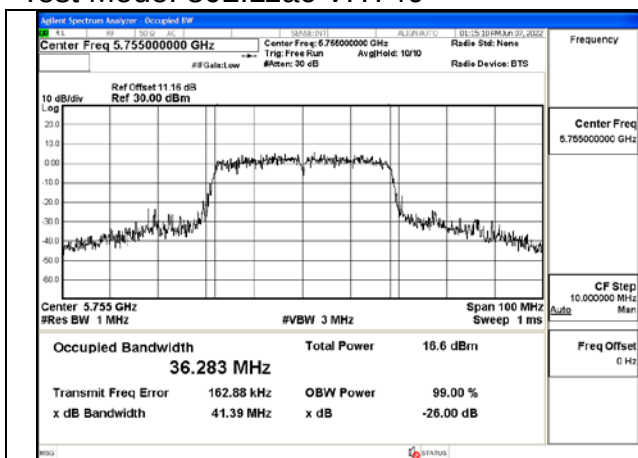


Test Mode:802.11n HT40 5755MHz Chain1

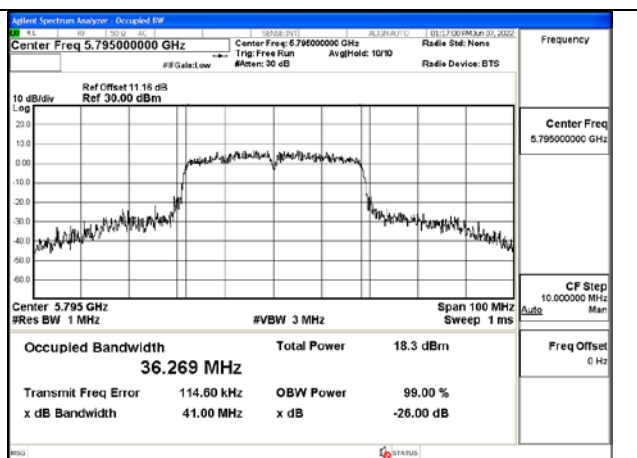


Test Mode:802.11n HT40 5795MHz Chain1

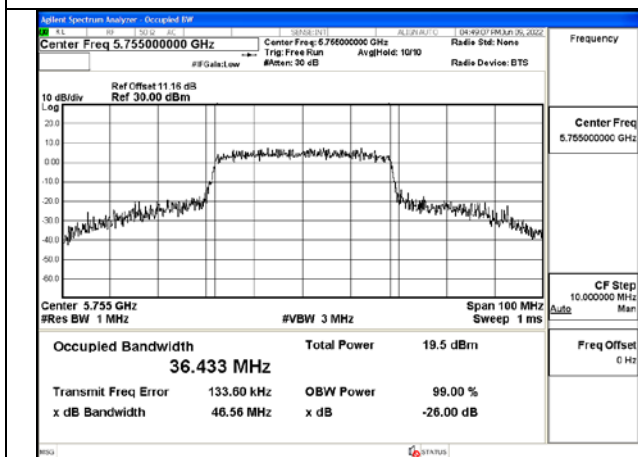
Test Mode: 802.11ac VHT40



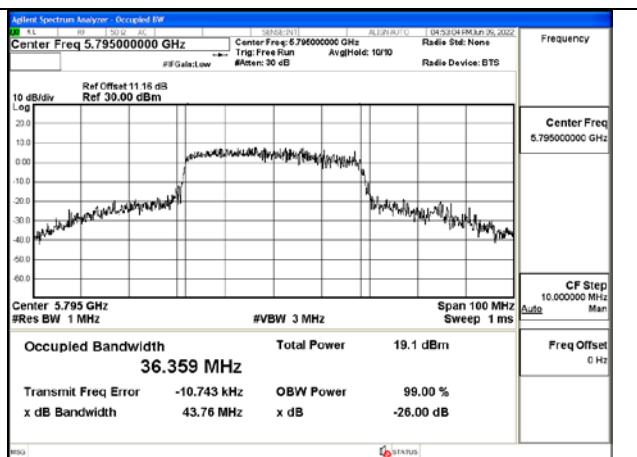
Test Mode:802.11ac VHT40 5755MHz Chain0



Test Mode:802.11ac VHT40 5795MHz Chain0

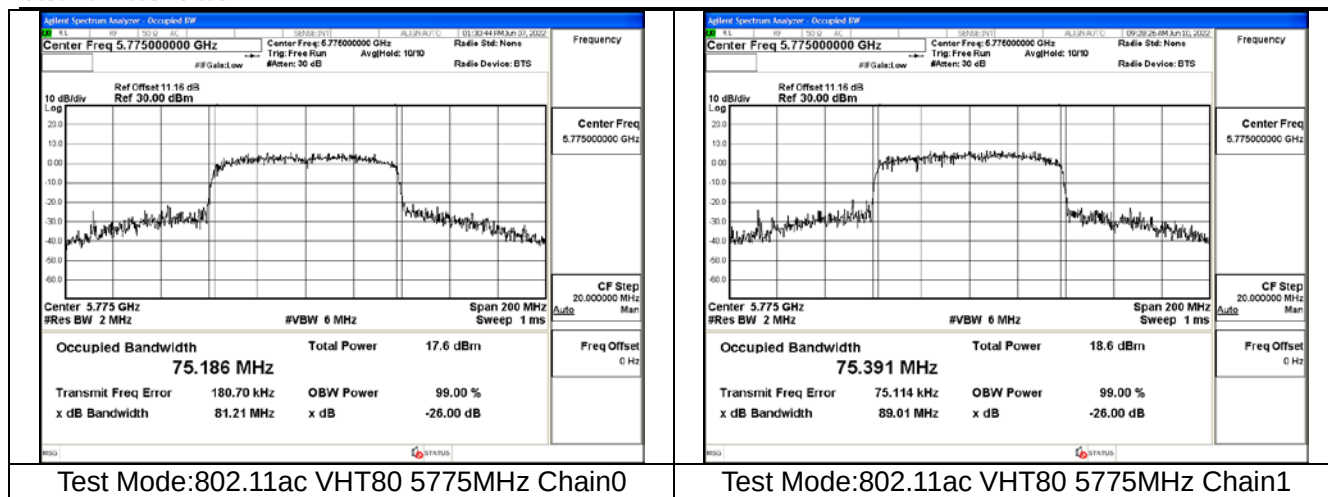


Test Mode:802.11ac VHT40 5755MHz Chain1



Test Mode:802.11ac VHT40 5795MHz Chain1

Test Mode: 802.11ac VHT80



Occupied Bandwidth

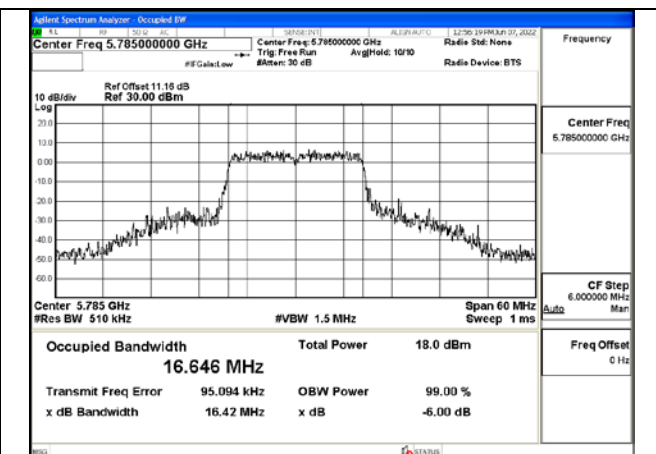
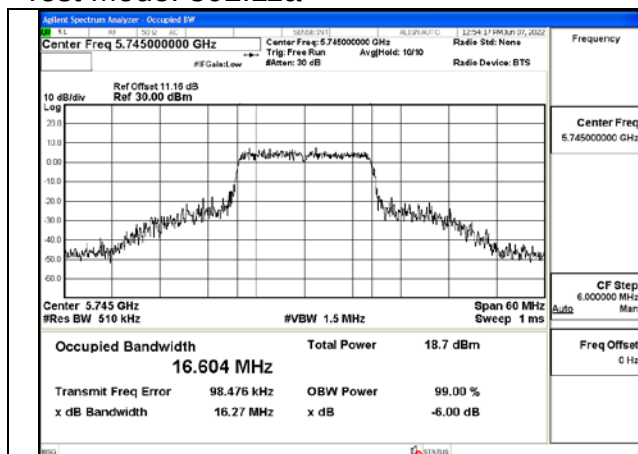
Offset 11.16dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.667	Channel No.675	Channel No.683
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.604	16.646	16.534
802.11a	Chain1	16.672	16.638	16.607
802.11n HT20	Chain0	17.776	17.759	17.763
802.11n HT20	Chain1	17.790	17.837	17.838
802.11ac VHT20	Chain0	17.709	17.747	17.771
802.11ac VHT20	Chain1	17.803	17.854	17.809

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.669	---	Channel No.677
		5755MHz	---	5795MHz
802.11n HT40	Chain0	36.376	---	36.199
802.11n HT40	Chain1	36.231	---	36.403
802.11ac VHT40	Chain0	36.395	---	36.447
802.11ac VHT40	Chain1	36.218	---	36.635

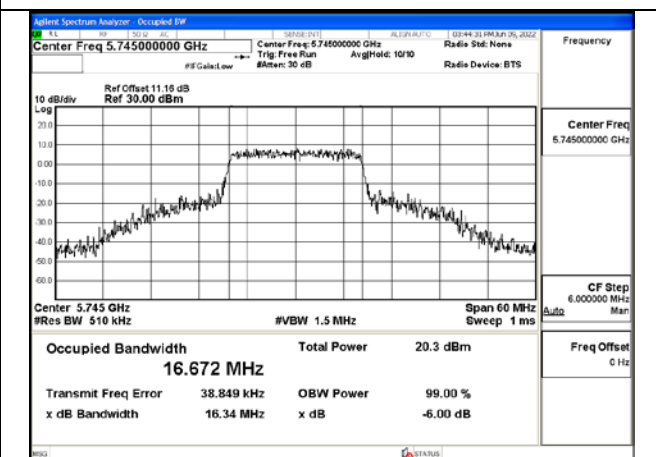
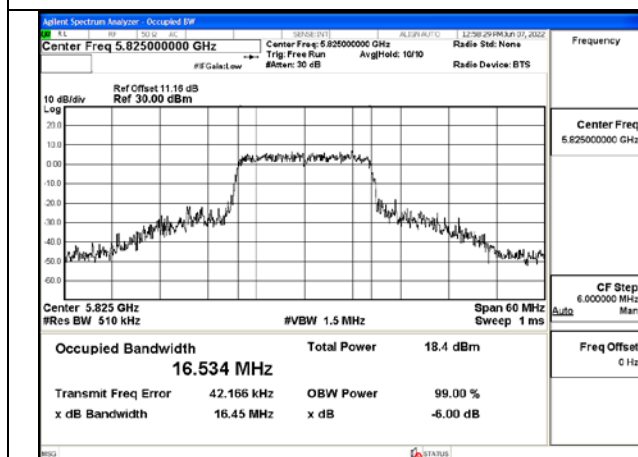
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.673	---	---
		5775MHz	---	---
802.11ac VHT80	Chain0	75.088	---	---
802.11ac VHT80	Chain1	75.067	---	---

Test Mode: 802.11a



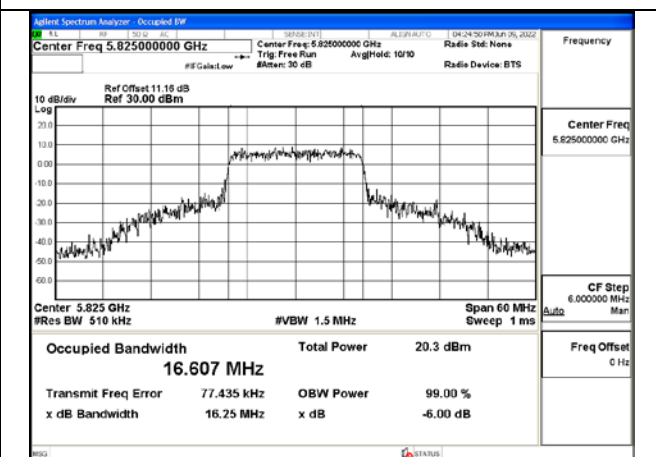
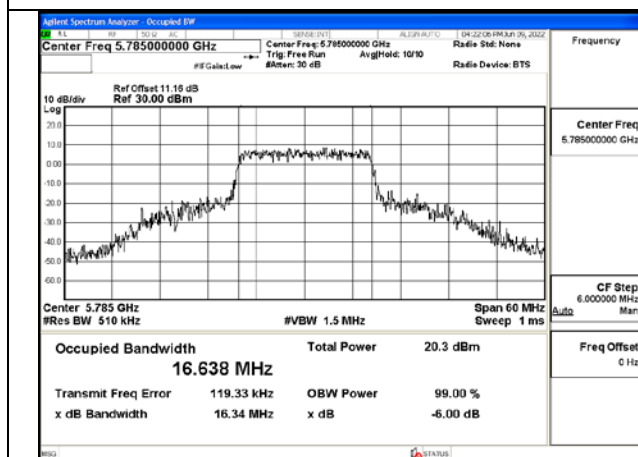
Test Mode:802.11a 5745MHz Chain0

Test Mode:802.11a 5785MHz Chain0



Test Mode:802.11a 5825MHz Chain0

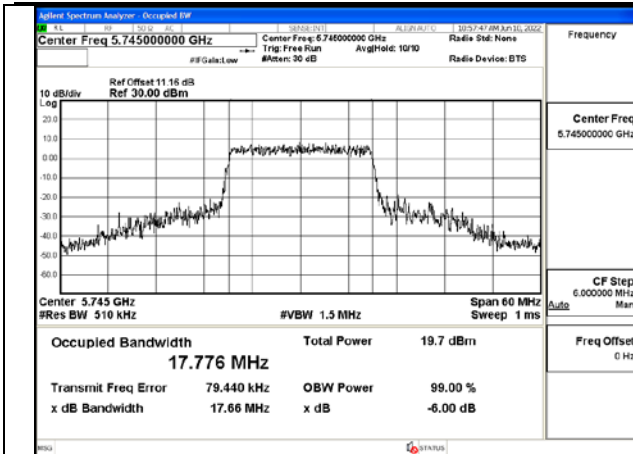
Test Mode:802.11a 5745MHz Chain1



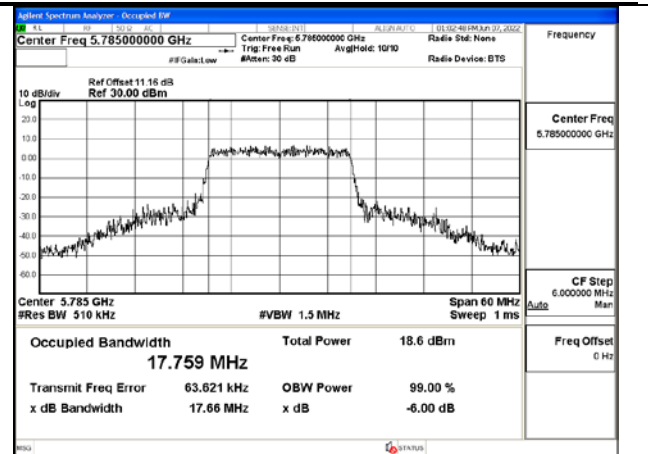
Test Mode:802.11a 5785MHz Chain1

Test Mode:802.11a 5825MHz Chain1

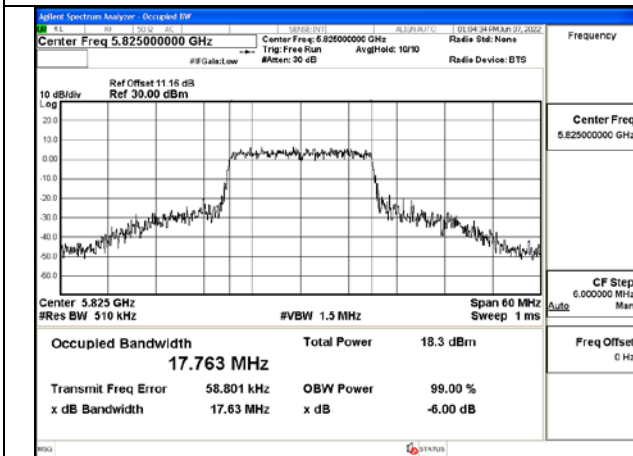
Test Mode: 802.11n HT20



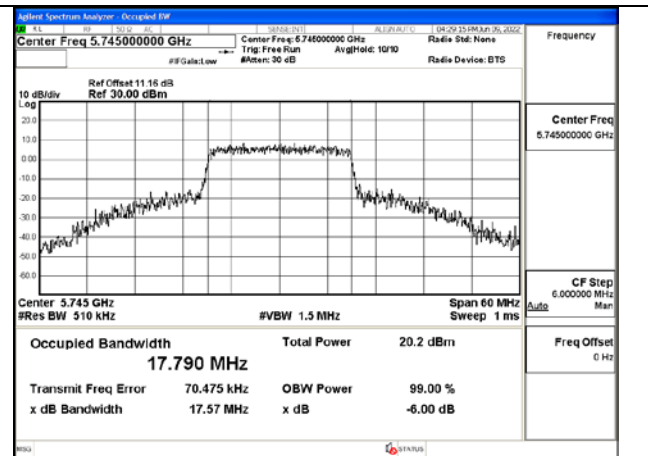
Test Mode:802.11n HT20 5745MHz Chain0



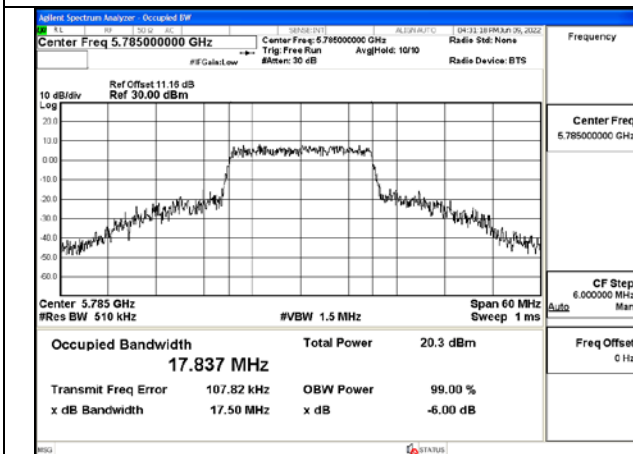
Test Mode:802.11n HT20 5785MHz Chain0



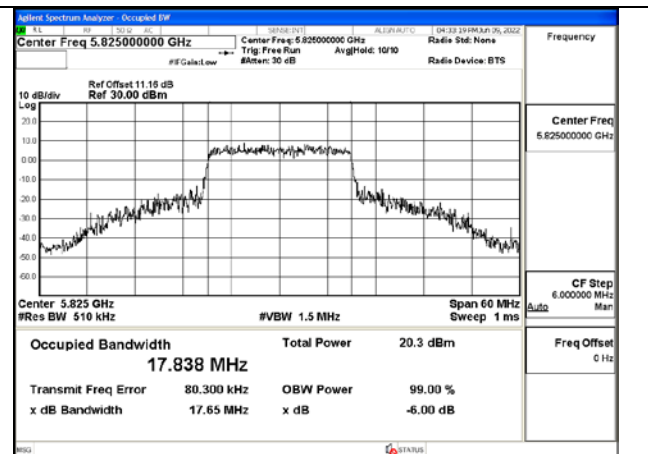
Test Mode:802.11n HT20 5825MHz Chain0



Test Mode:802.11n HT20 5745MHz Chain1

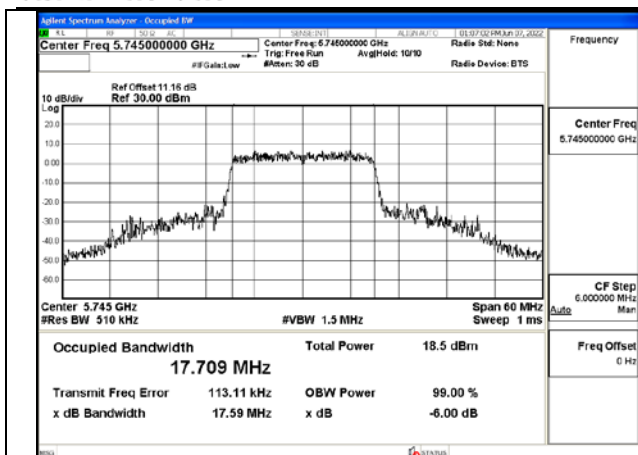


Test Mode:802.11n HT20 5785MHz Chain1

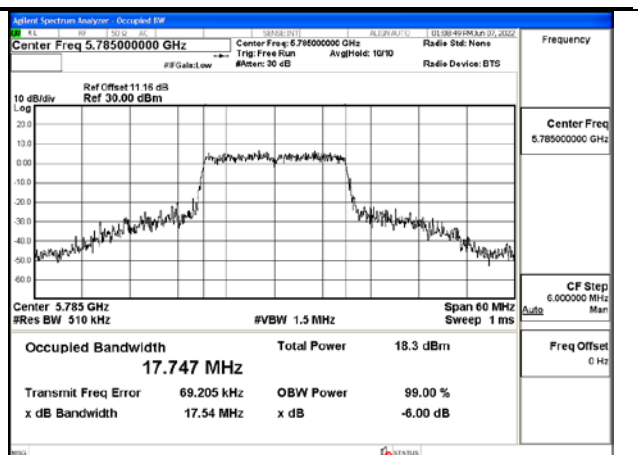


Test Mode:802.11n HT20 5825MHz Chain1

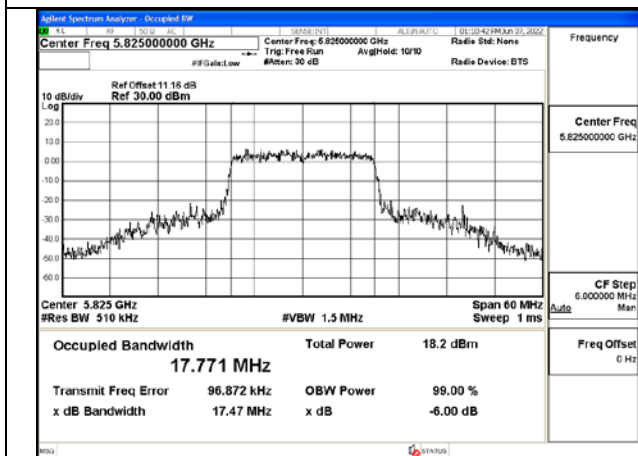
Test Mode: 802.11ac VHT20



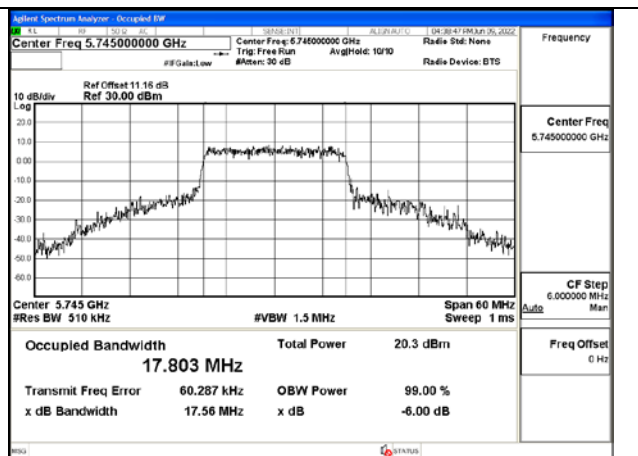
Test Mode:802.11ac VHT20 5745MHz Chain0



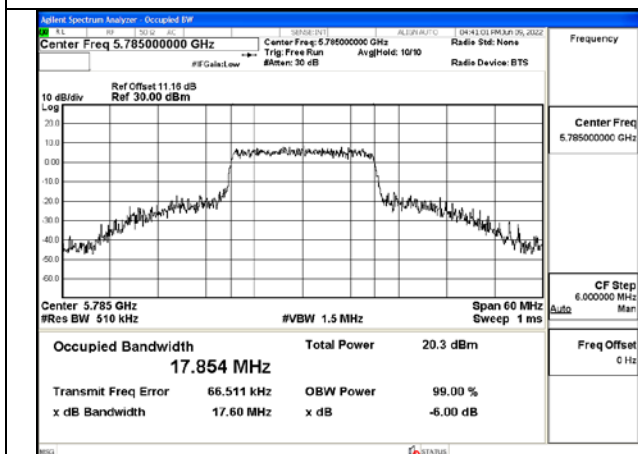
Test Mode:802.11ac VHT20 5785MHz Chain0



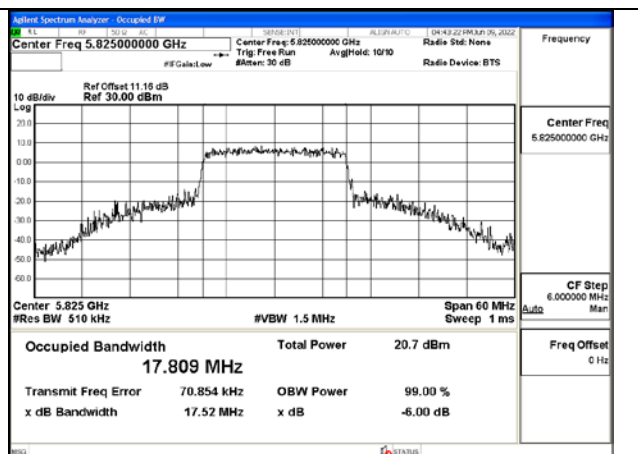
Test Mode:802.11ac VHT20 5825MHz Chain0



Test Mode:802.11ac VHT20 5745MHz Chain1

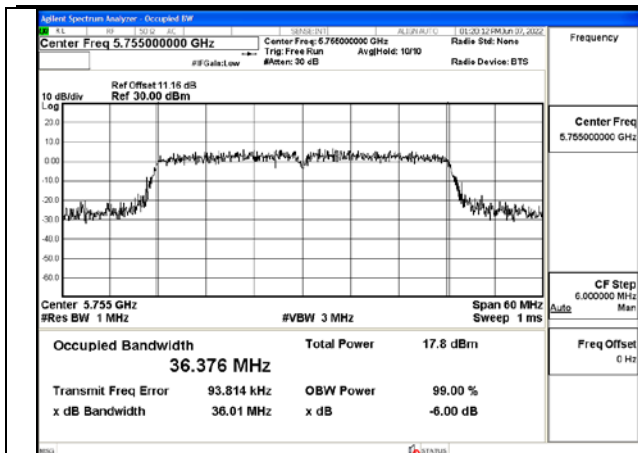


Test Mode:802.11ac VHT20 5785MHz Chain1

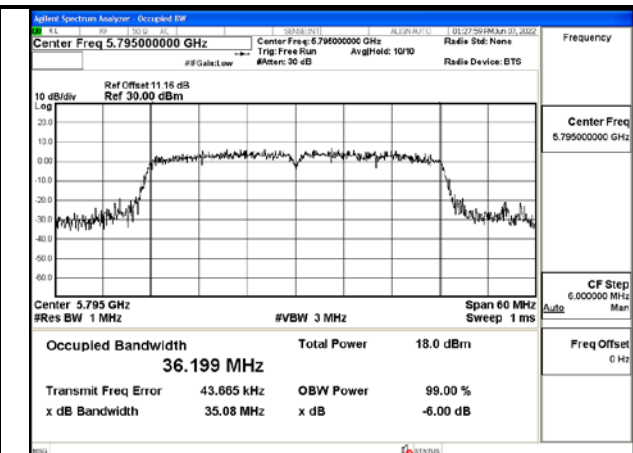


Test Mode:802.11ac VHT20 5825MHz Chain1

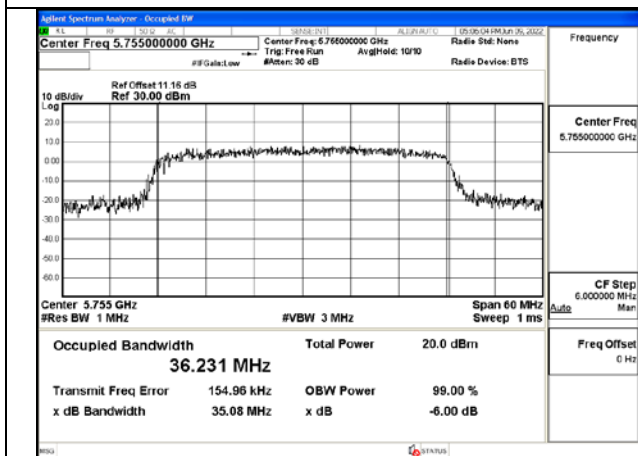
Test Mode: 802.11n HT40



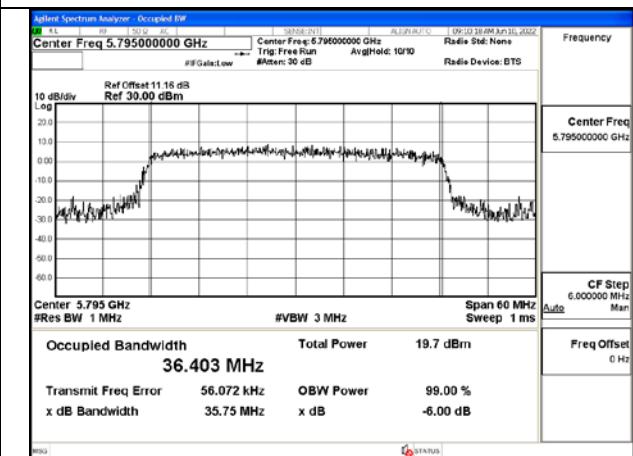
Test Mode:802.11n HT40 5755MHz Chain0



Test Mode:802.11n HT40 5795MHz Chain0

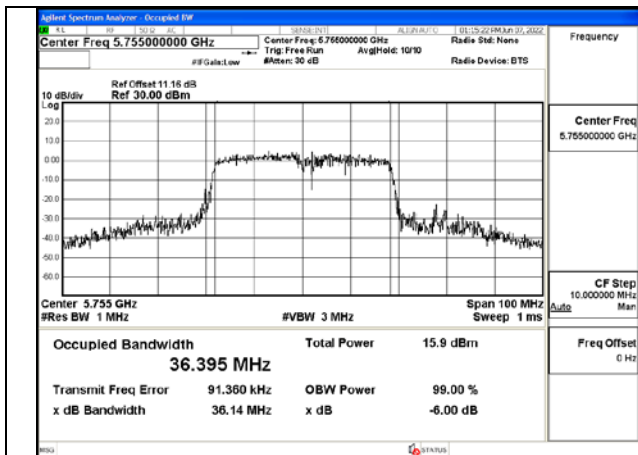


Test Mode:802.11n HT40 5755MHz Chain1

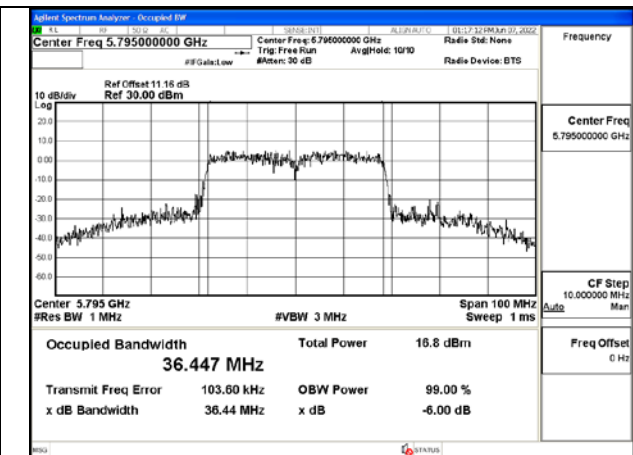


Test Mode:802.11n HT40 5795MHz Chain1

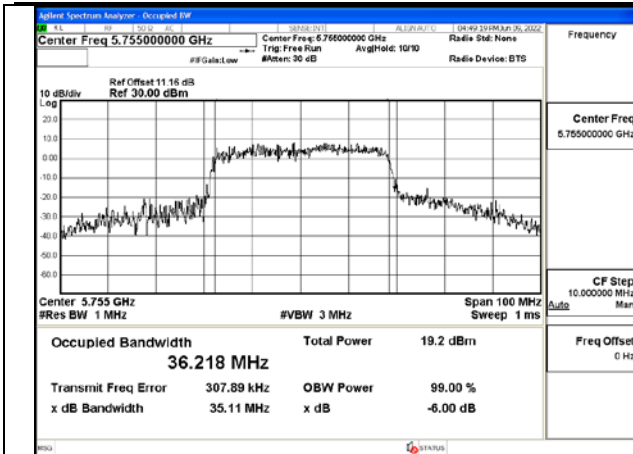
Test Mode: 802.11ac VHT40



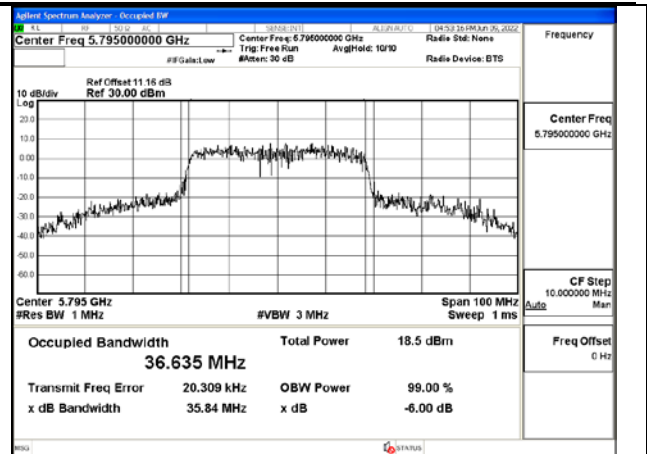
Test Mode:802.11ac VHT40 5755MHz Chain0



Test Mode:802.11ac VHT40 5795MHz Chain0

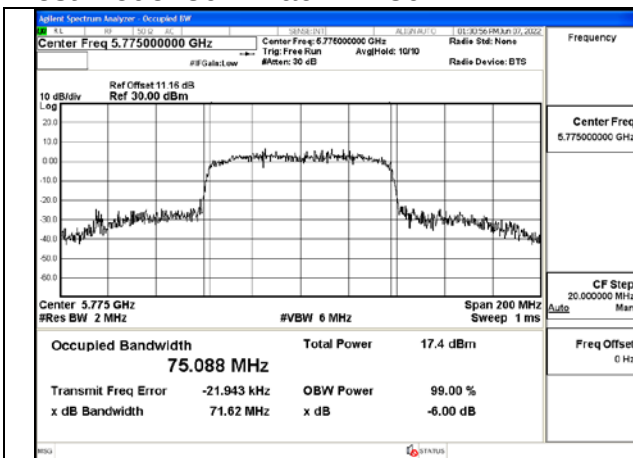


Test Mode:802.11ac VHT40 5755MHz Chain1

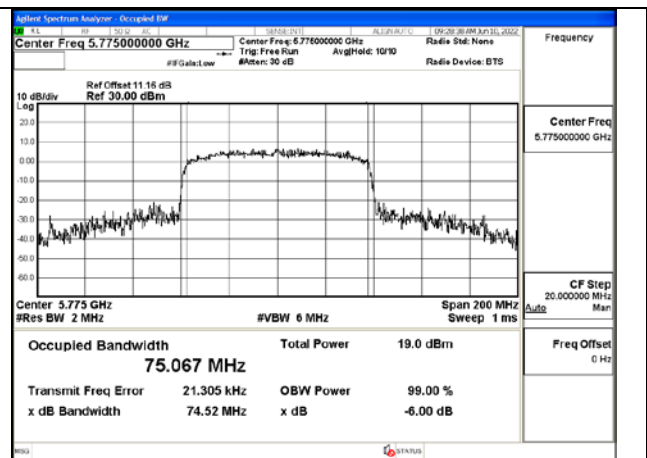


Test Mode:802.11ac VHT40 5795MHz Chain1

Test Mode: 802.11ac VHT80



Test Mode:802.11ac VHT80 5775MHz Chain0



Test Mode:802.11ac VHT80 5775MHz Chain1

6dB Bandwidth

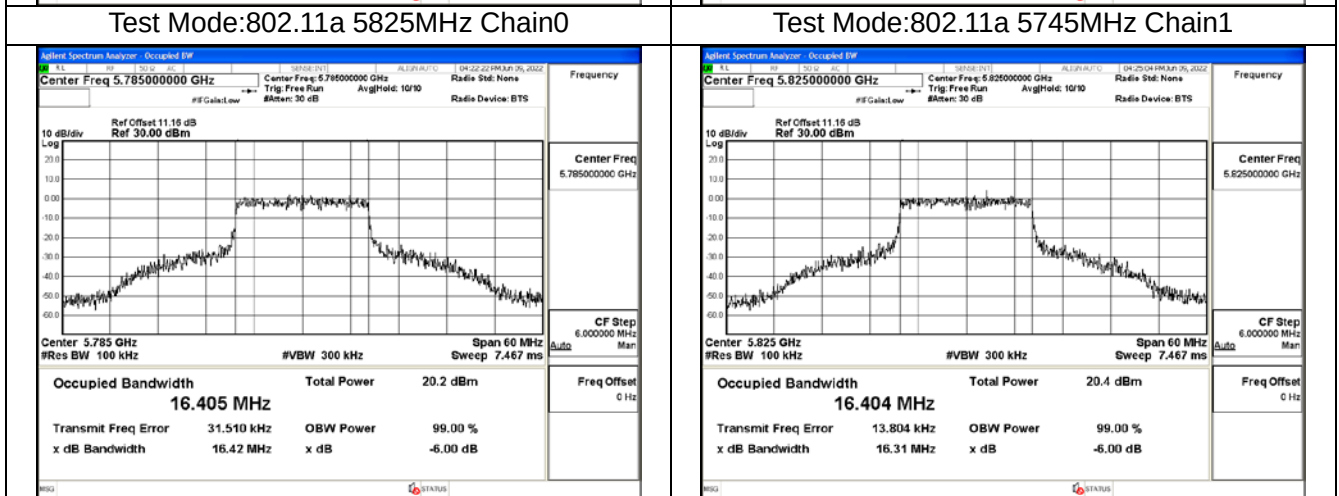
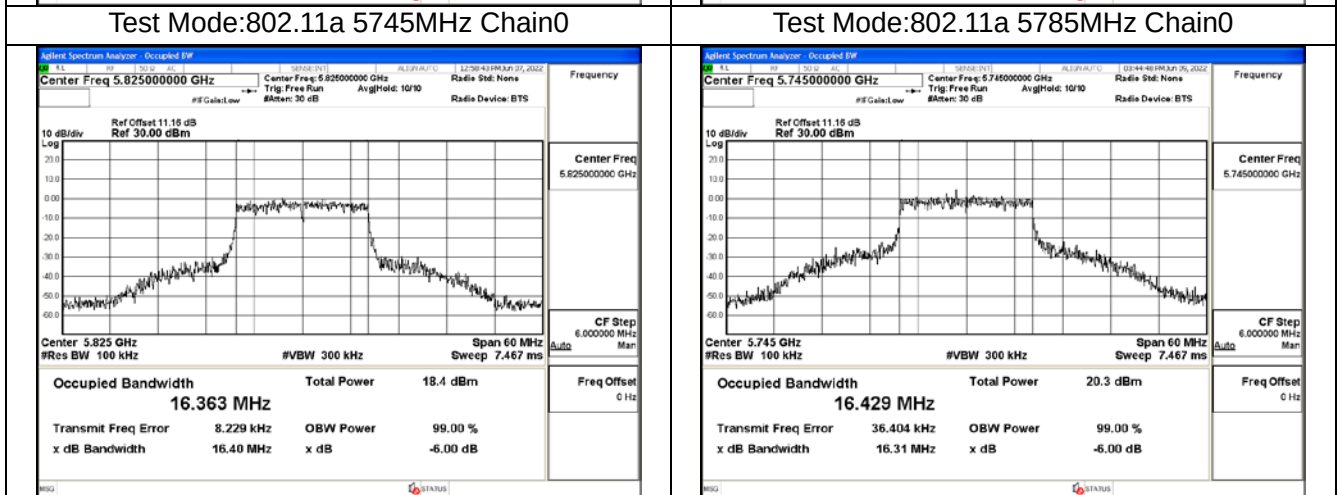
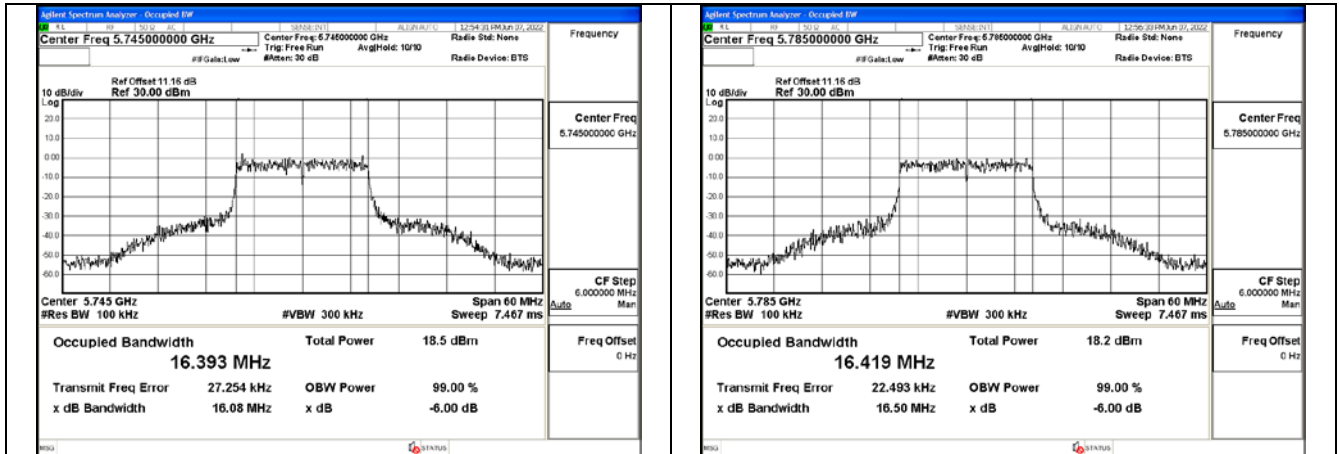
Offset 11.16dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	6dB Bandwidth (MHz)		
		Channel No.667	Channel No.675	Channel No.683
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.08	16.50	16.40
802.11a	Chain1	16.31	16.42	16.31
802.11n HT20	Chain0	17.27	16.92	17.72
802.11n HT20	Chain1	17.58	16.41	17.64
802.11ac VHT20	Chain0	16.65	17.67	16.59
802.11ac VHT20	Chain1	17.63	17.16	17.57

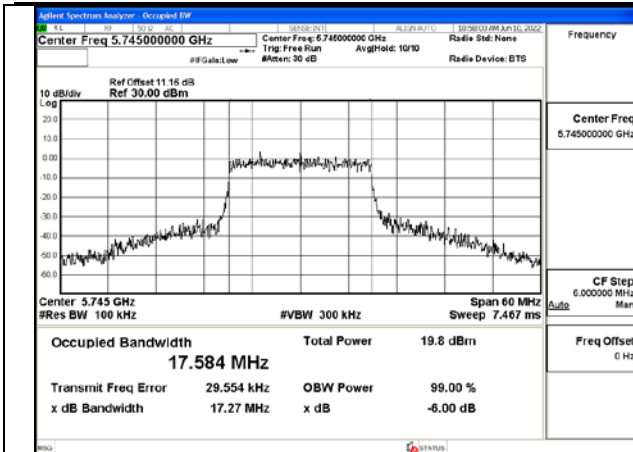
Test Mode	Antenna	6dB Bandwidth (MHz)		
		Channel No.669	---	Channel No.677
		5755MHz	---	5795MHz
802.11n HT40	Chain0	35.16	---	35.55
802.11n HT40	Chain1	35.23	---	31.33
802.11ac VHT40	Chain0	35.38	---	35.35
802.11ac VHT40	Chain1	32.24	---	31.40

Test Mode	Antenna	6dB Bandwidth (MHz)		
		Channel No.673	---	---
		5775MHz	---	---
802.11ac VHT80	Chain0	68.52	---	---
802.11ac VHT80	Chain1	64.10	---	---

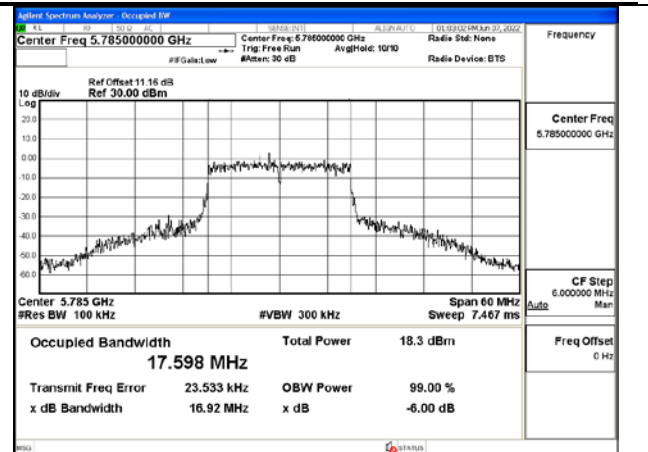
Test Mode: 802.11a



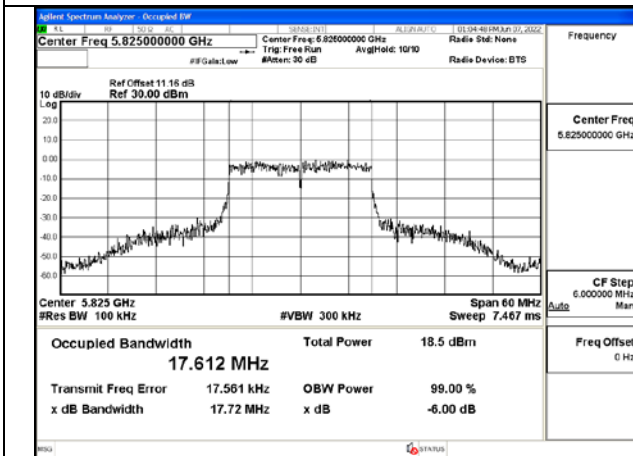
Test Mode: 802.11n HT20



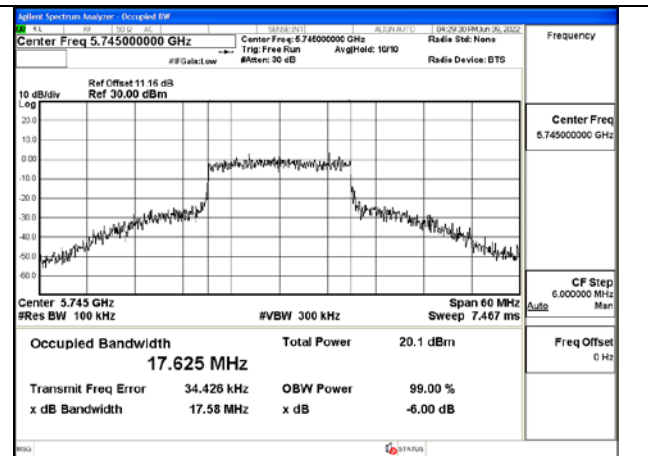
Test Mode:802.11n HT20 5745MHz Chain0



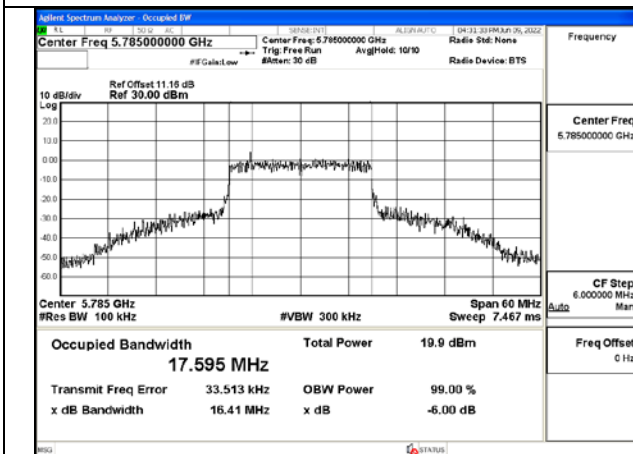
Test Mode:802.11n HT20 5785MHz Chain0



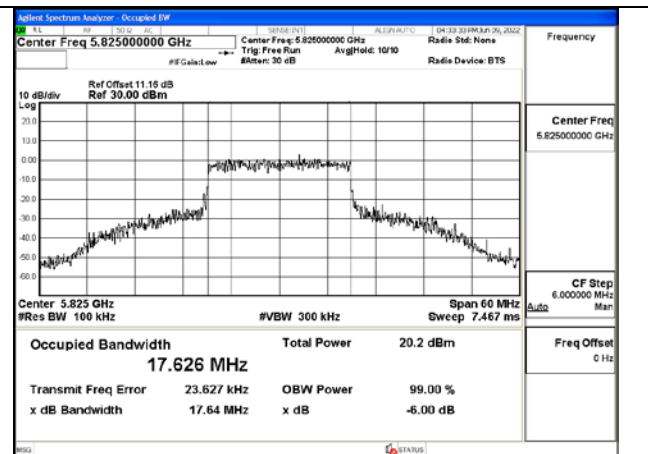
Test Mode:802.11n HT20 5825MHz Chain0



Test Mode:802.11n HT20 5745MHz Chain1

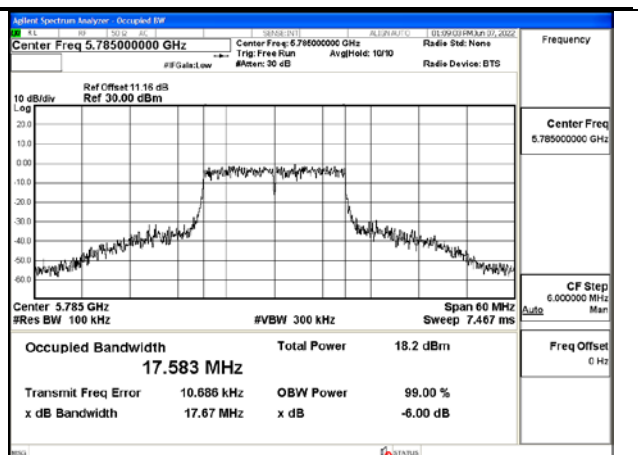


Test Mode:802.11n HT20 5785MHz Chain1

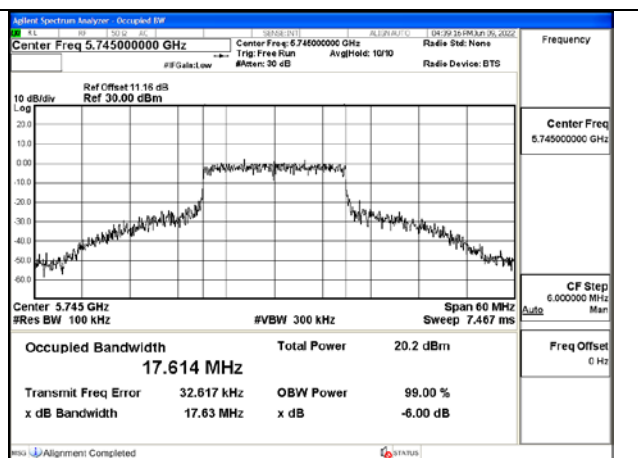


Test Mode:802.11n HT20 5825MHz Chain1

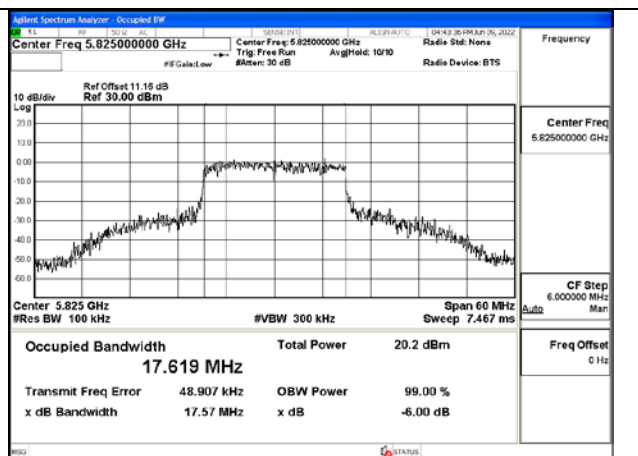
Test Mode: 802.11ac VHT20



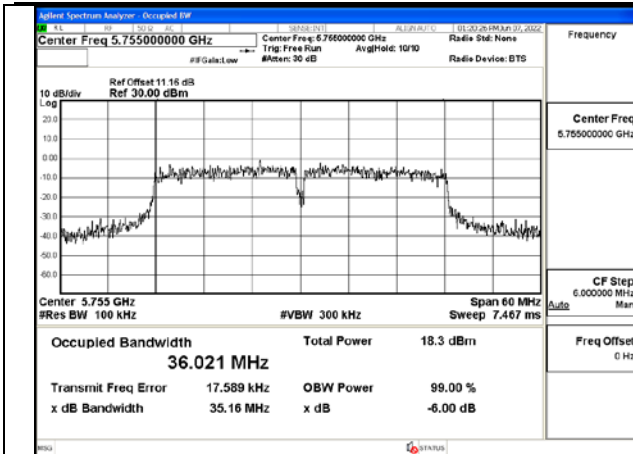
Test Mode:802.11ac VHT20 5785MHz Chain0



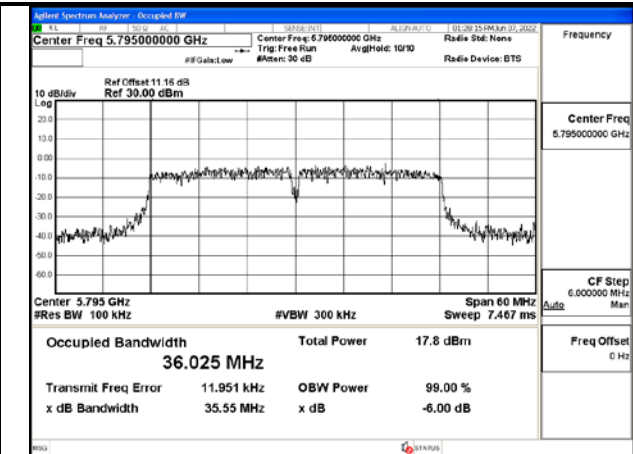
Test Mode:802.11ac VHT20 5745MHz Chain1



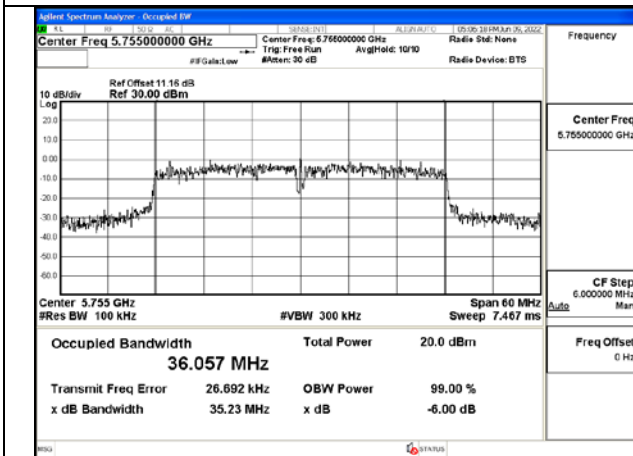
Test Mode:802.11ac VHT20 5825MHz Chain1



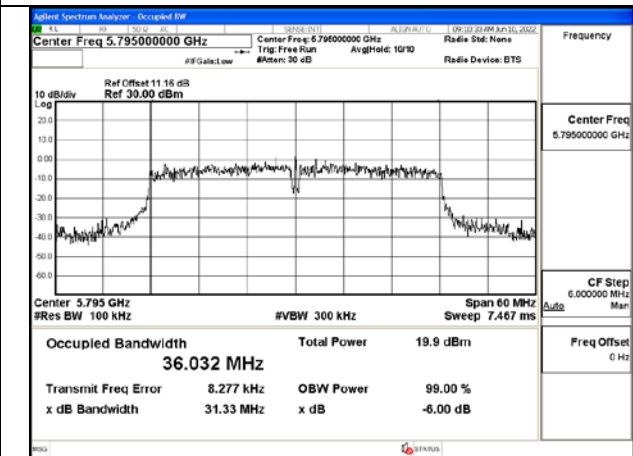
Test Mode:802.11n HT40 5755MHz Chain0



Test Mode:802.11n HT40 5795MHz Chain0

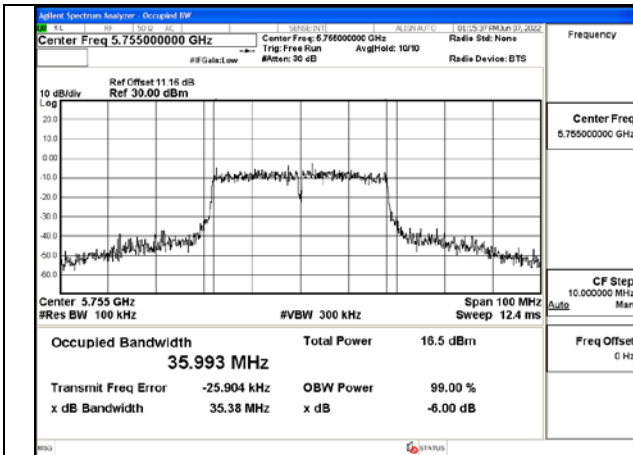


Test Mode:802.11n HT40 5755MHz Chain1

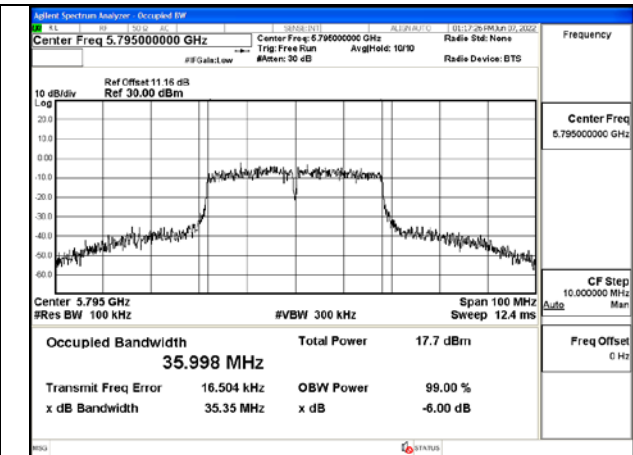


Test Mode:802.11n HT40 5795MHz Chain1

Test Mode: 802.11ac VHT40



Test Mode:802.11ac VHT40 5755MHz Chain0



Test Mode:802.11ac VHT40 5795MHz Chain0