

**BANDWIDTH**

Note: Antenna B Power > Antenna A Power, Both antenna A and B have been test, Only show the worst data of Antenna B.

Band I (5.150-5.250GHz) 26dB Bandwidth

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	21.12	21.25	PASS
5200	21.19	21.34	PASS
5240	21.20	21.37	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5190	41.53	41.67	PASS
5230	41.20	41.25	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5210	82.05	82.23	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

**Band II (5.250-5.350GHz)26dB Bandwidth**

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	20.37	21.00	PASS
5300	21.21	21.36	PASS
5320	21.03	21.18	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5270	41.24	41.52	PASS
5310	41.02	41.14	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5290	82.33	82.51	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.



**Band III (5.47-5.725GHz)26dB Bandwidth**

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	22.51	22.96	PASS
5580	22.41	22.87	PASS
5700	19.03	19.47	PASS

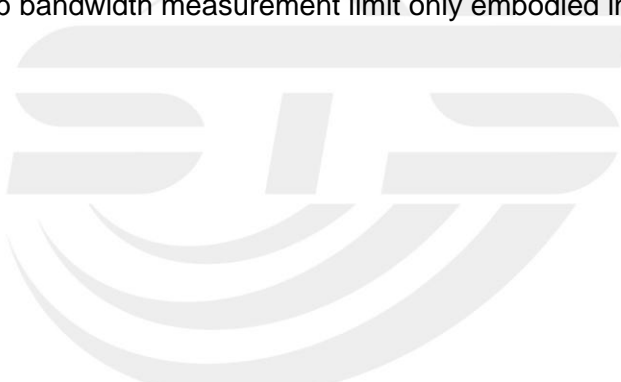
Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5510	41.43	41.68	PASS
5550	41.17	41.21	PASS
5670	41.33	41.48	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5530	82.12	82.42	PASS
5610	82.25	82.43	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.



**Band IV (5.725-5.850GHz)26dB Bandwidth**

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	21.63	21.77	PASS
5785	21.58	21.65	PASS
5825	21.65	21.79	PASS

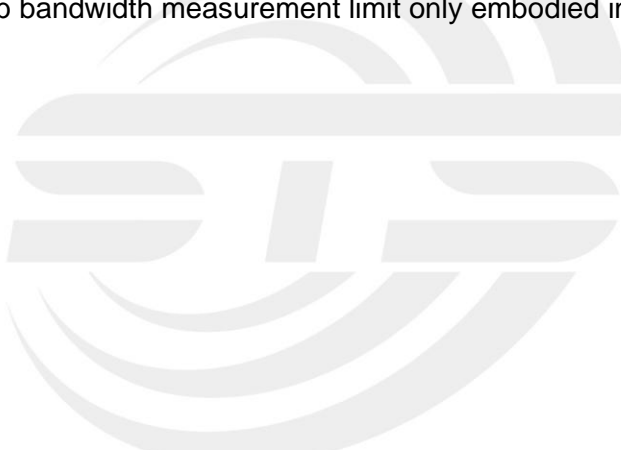
Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5755	41.23	41.36	PASS
5795	41.32	41.45	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5775	82.37	82.58	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report



**Band I (5.150-5.250GHz) 99% Bandwidth**

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	17.620	17.629	PASS
5200	17.616	17.625	PASS
5240	17.612	17.618	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5190	36.080	36.089	PASS
5230	36.103	36.110	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5210	75.061	75.070	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

**Band II (5.250-5.350GHz)99% Bandwidth**

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	17.612	17.628	PASS
5300	17.624	17.634	PASS
5320	17.602	17.612	PASS

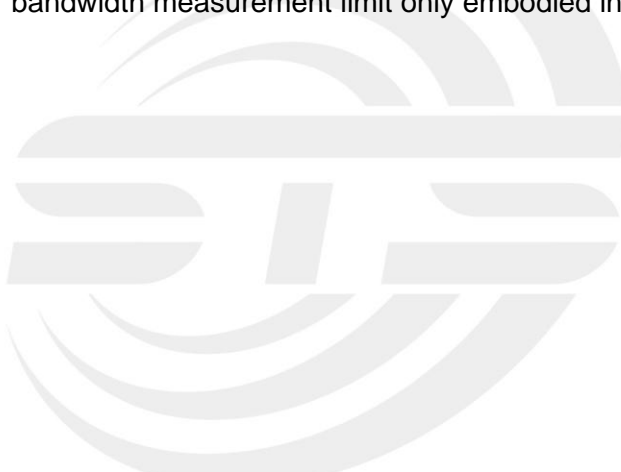
Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5270	36.021	36.084	PASS
5310	36.084	36.109	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5290	74.954	74.969	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.



**Band III (5.470-5.725GHz)99% Bandwidth**

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	17.610	17.617	PASS
5580	17.618	17.621	PASS
5700	17.463	17.480	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5510	36.112	36.123	PASS
5550	36.105	36.125	PASS
5670	36.033	36.082	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5530	75.001	75.007	PASS
5610	75.121	75.133	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

**Band IV (5.725-5.850GHz)99% Bandwidth**

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	17.612	17.626	PASS
5785	17.598	17.601	PASS
5825	17.601	17.613	PASS

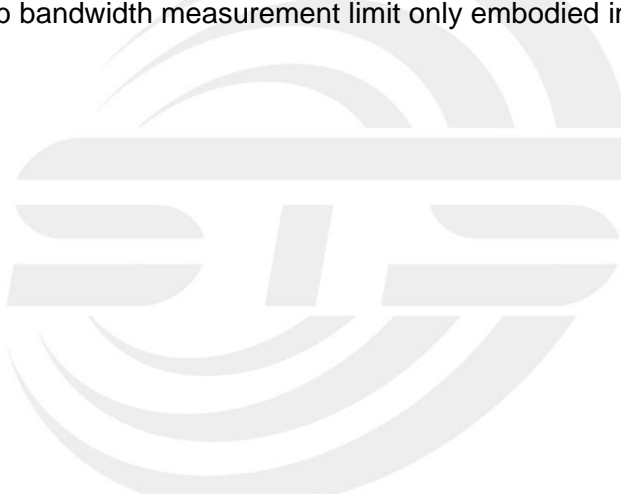
Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5755	36.043	36.057	PASS
5795	36.132	36.156	PASS

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11ac(HT80) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5775	74.918	74.930	PASS

Note: N/A, 26 db bandwidth measurement limit only embodied in the report

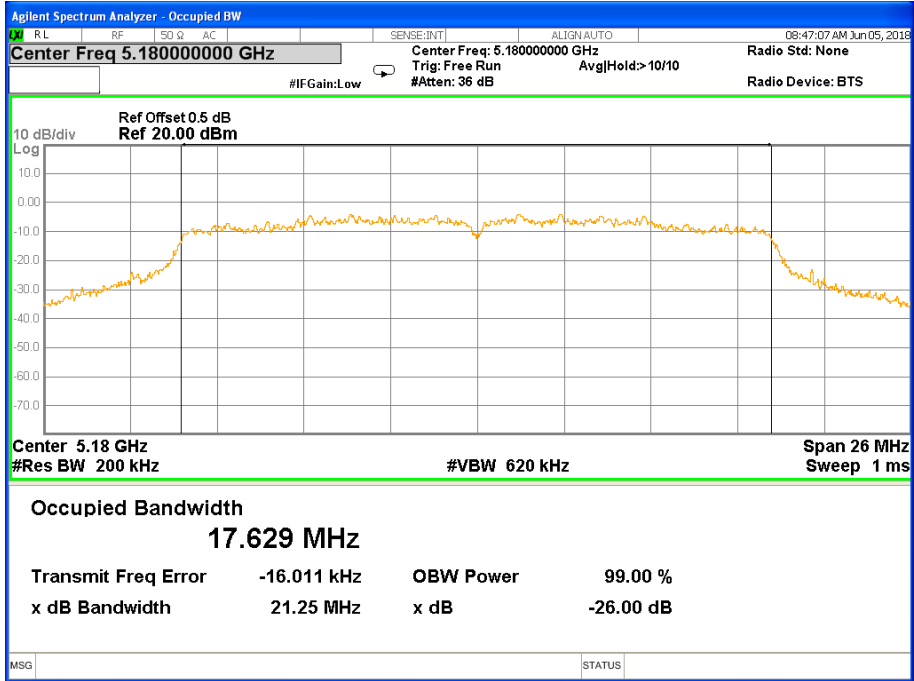




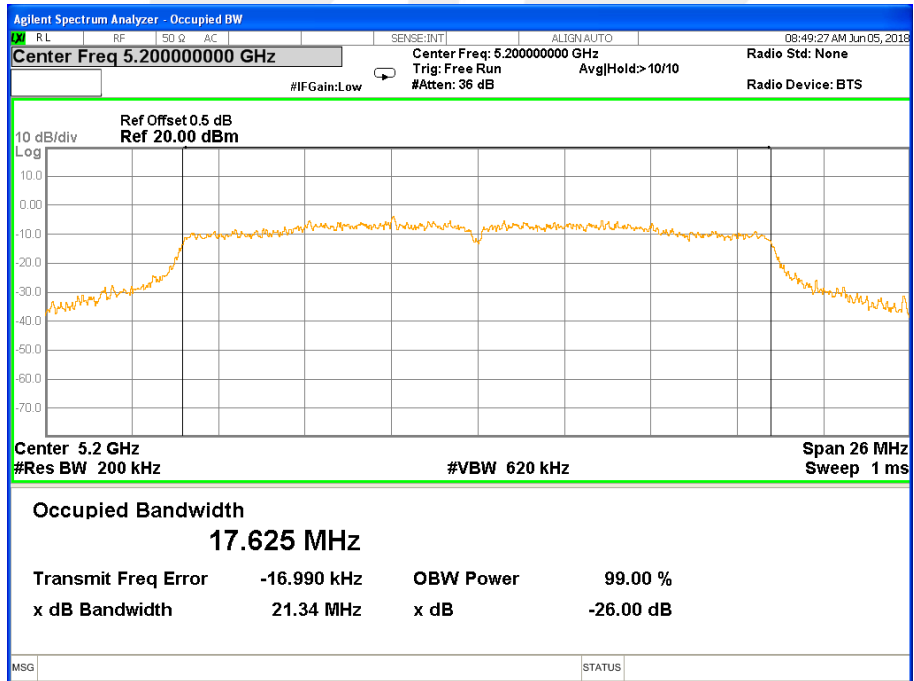
Antenna B

Band I (5.150-5.250GHz) 802.11ac(HT20) 26 dB &99% Bandwidth

26 dB &99% Bandwidth 802.11ac(HT20) Channel 36

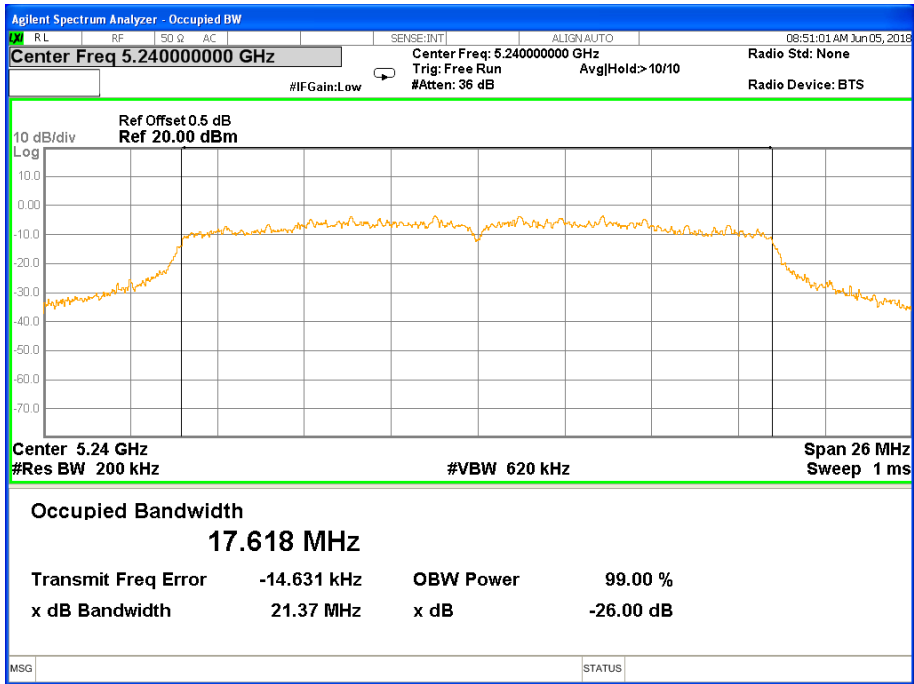


26 dB &99% Bandwidth 802.11ac(HT20) Channel 40



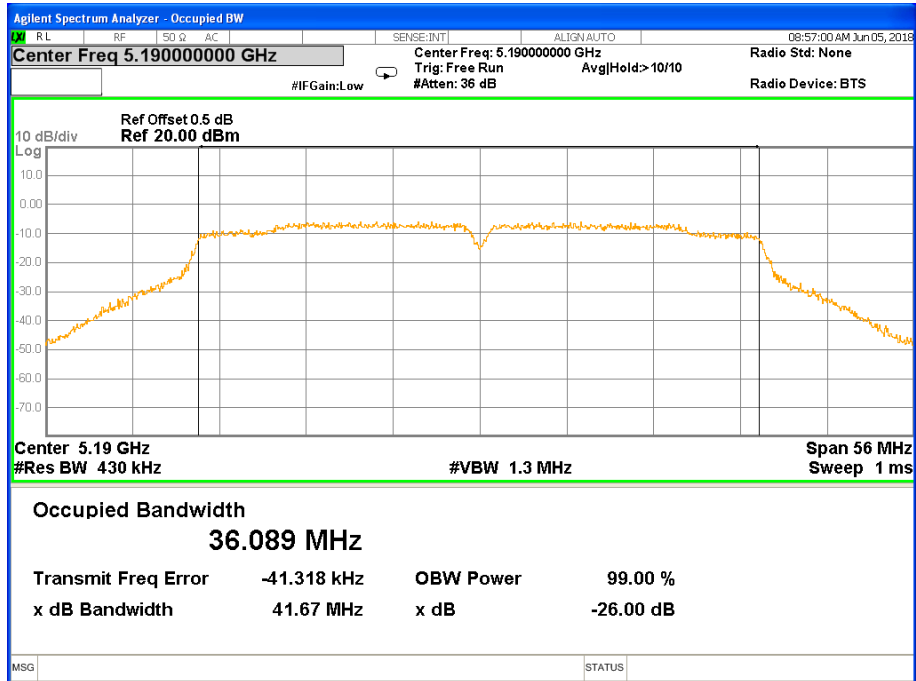


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 48

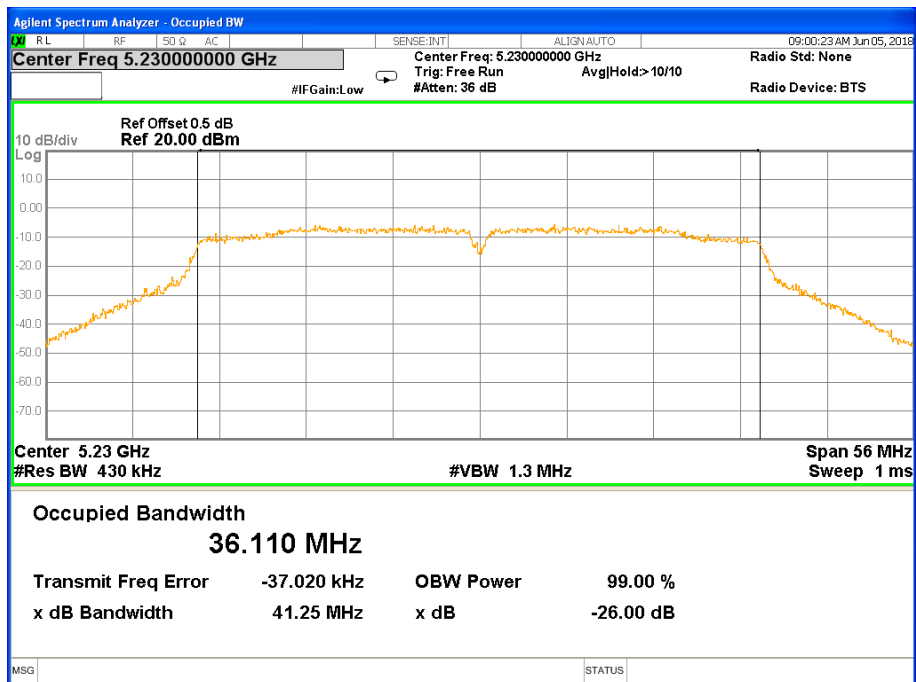




Band I (5.150-5.250GHz) 802.11ac(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 38

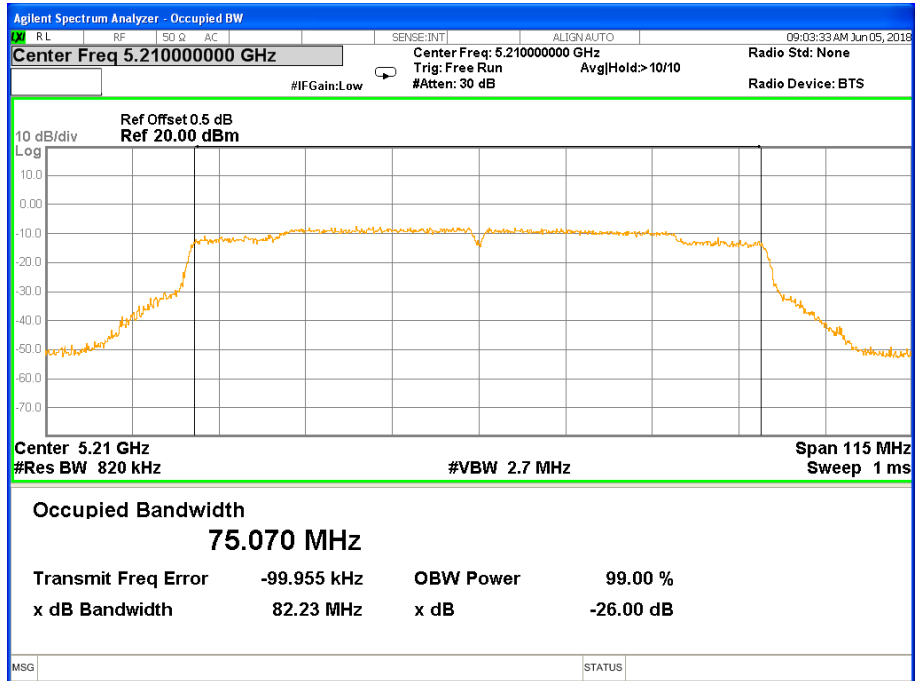


26 dB &99% Bandwidth 802.11ac(HT40) Channel 46



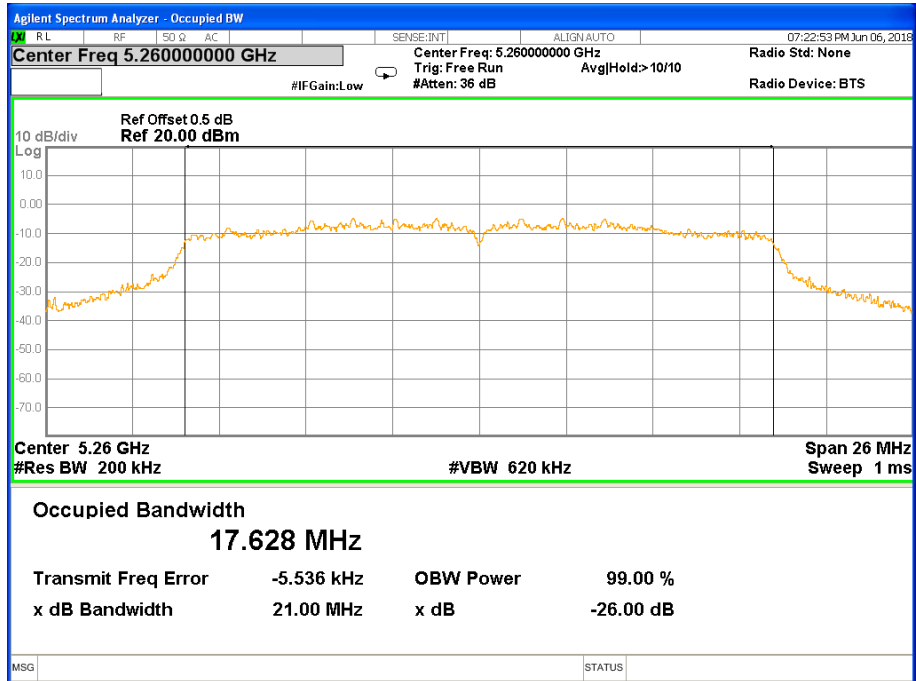


Band I (5.150-5.250GHz) 802.11ac(HT80) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT80) Channel 42

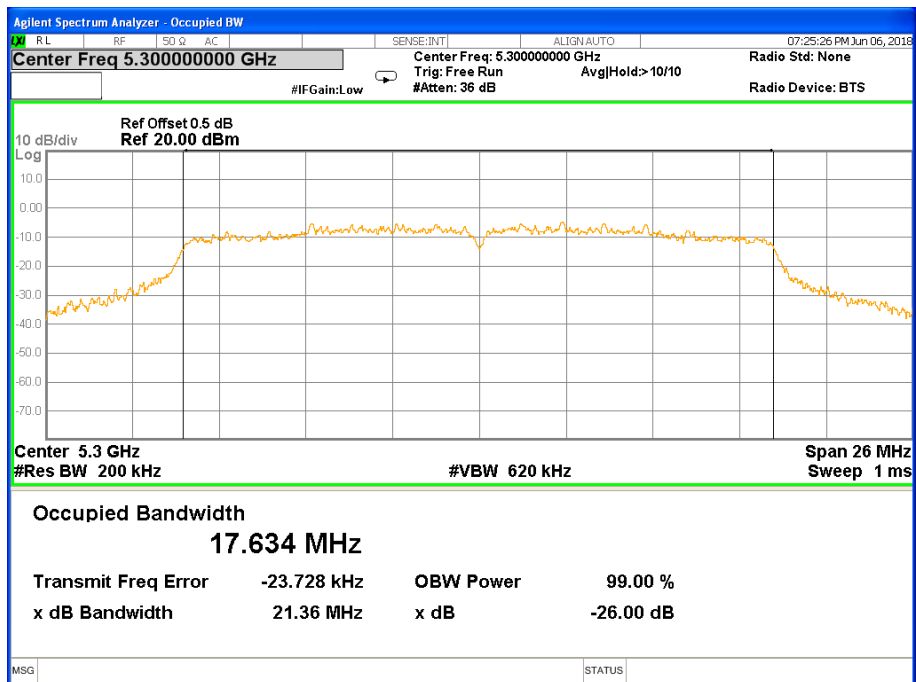




Band II (5.250-5.350GHz) 802.11ac(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT20) Channel 52

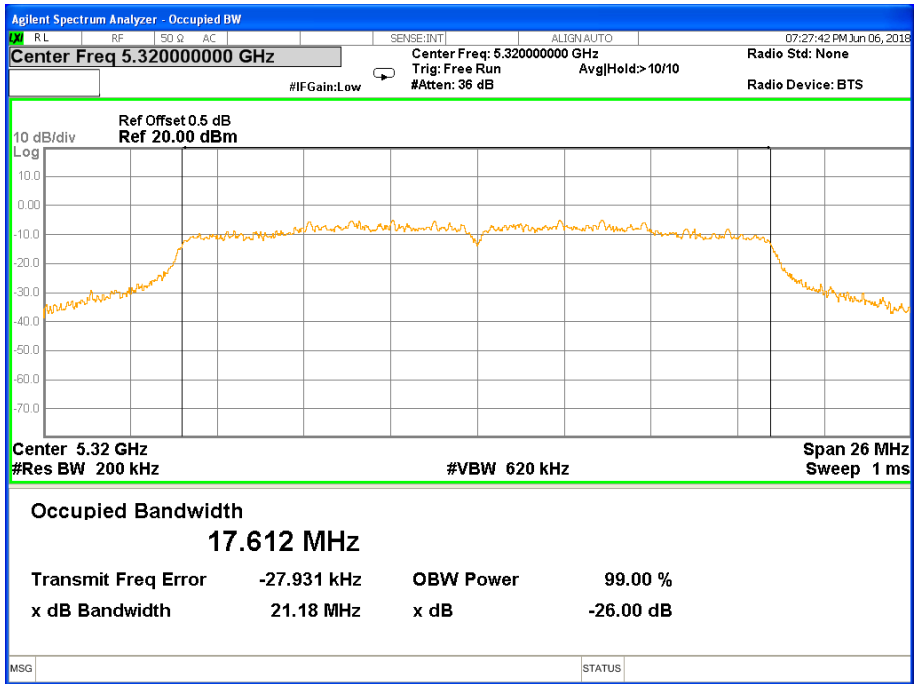


26 dB &99% Bandwidth 802.11ac(HT20) Channel 60



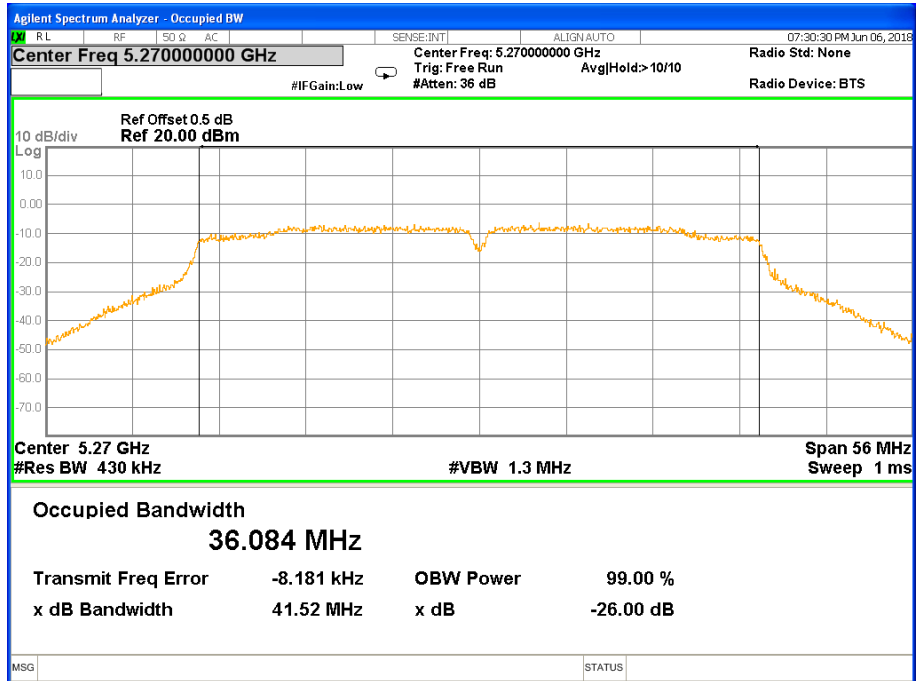


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 64

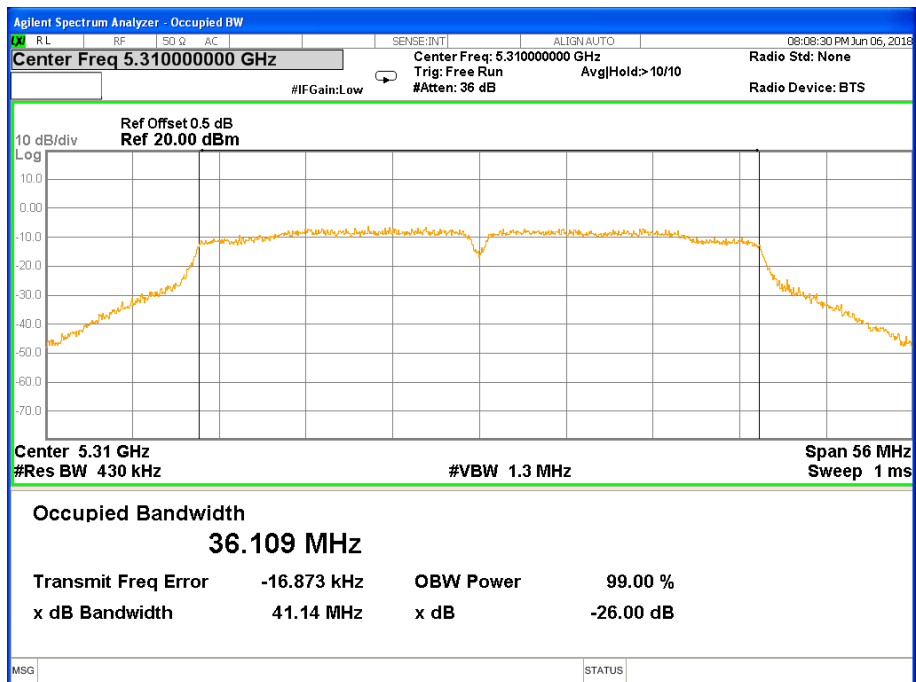




Band II (5.250-5.350GHz) 802.11ac(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 54

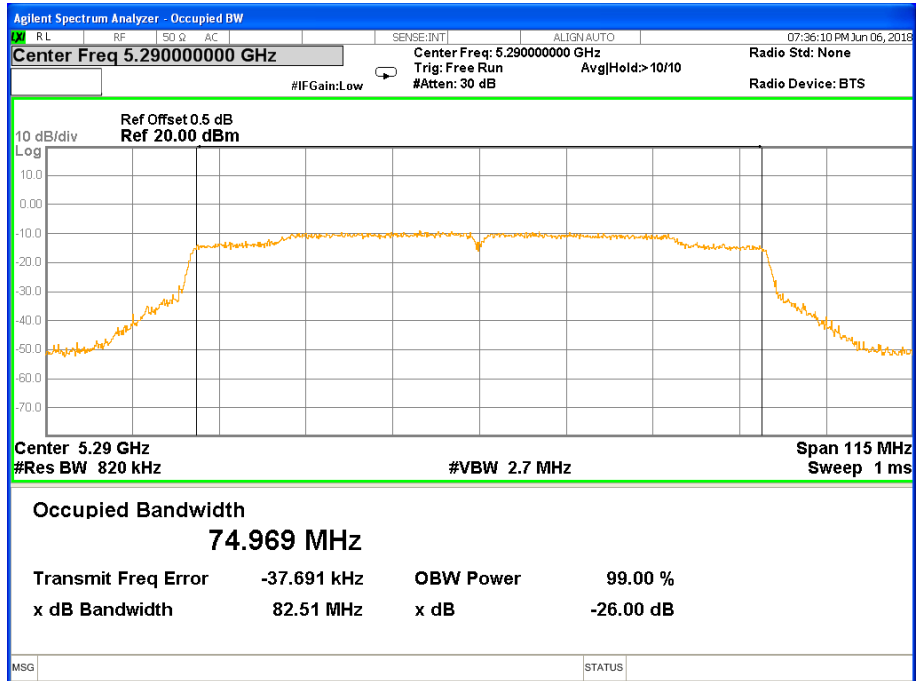


26 dB &99% Bandwidth 802.11ac(HT40) Channel 62



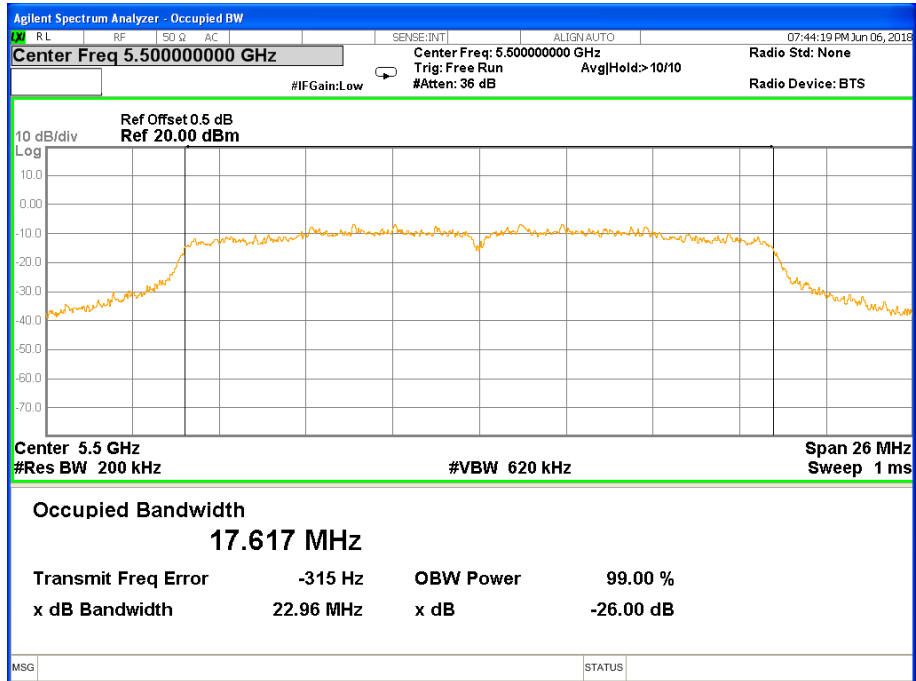


Band II (5.250-5.350GHz) 802.11ac(HT80) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT80) Channel 58

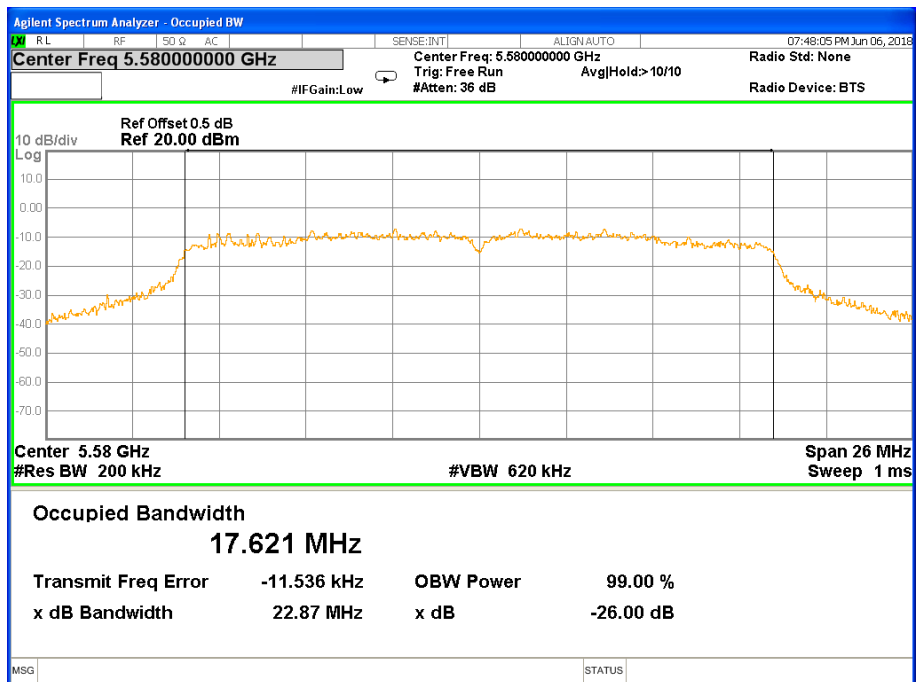




Band III (5.470-5.725GHz) 802.11ac(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT20) Channel 100

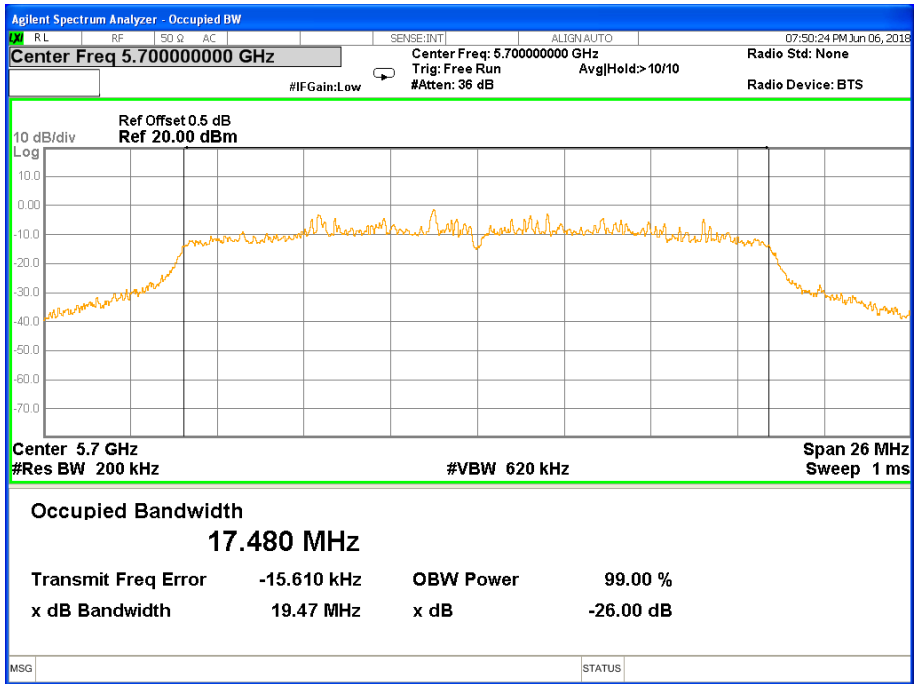


26 dB &99% Bandwidth 802.11ac(HT20) Channel 116



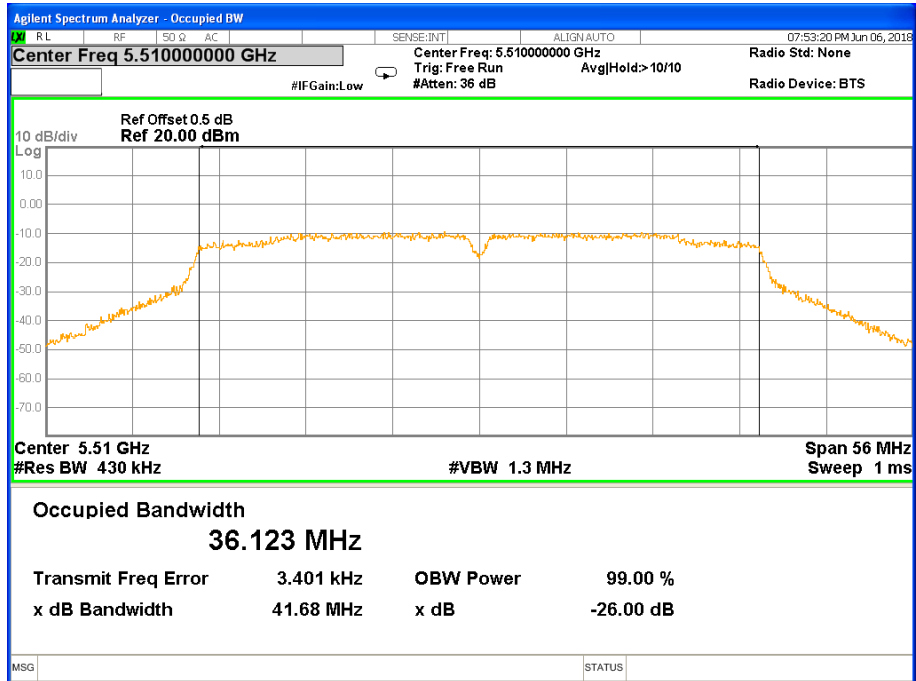


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 140

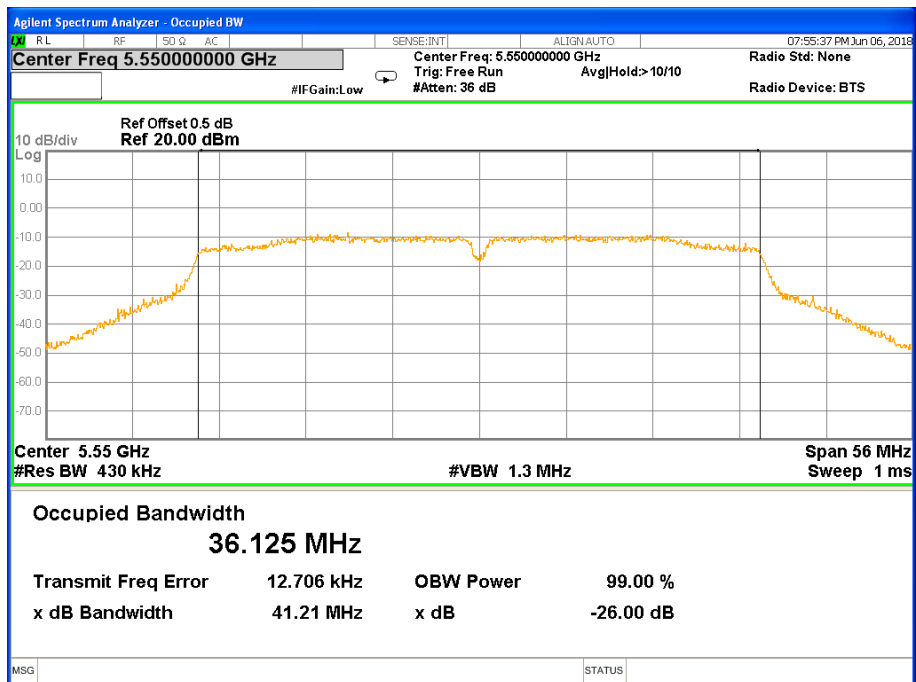




Band III (5.470-5.725GHz) 802.11ac(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 102

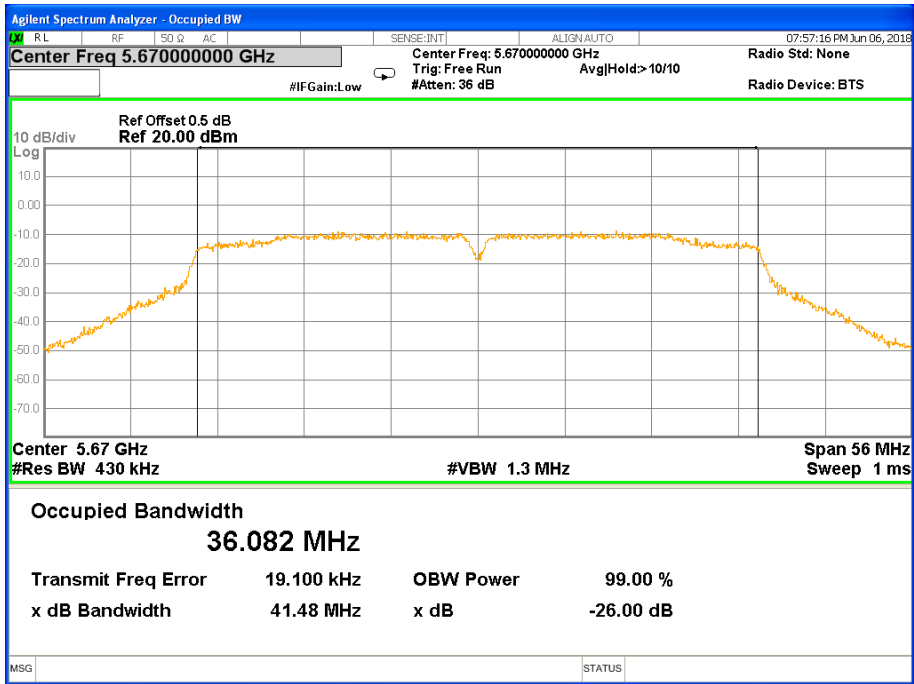


26 dB &99% Bandwidth 802.11ac(HT40) Channel 110



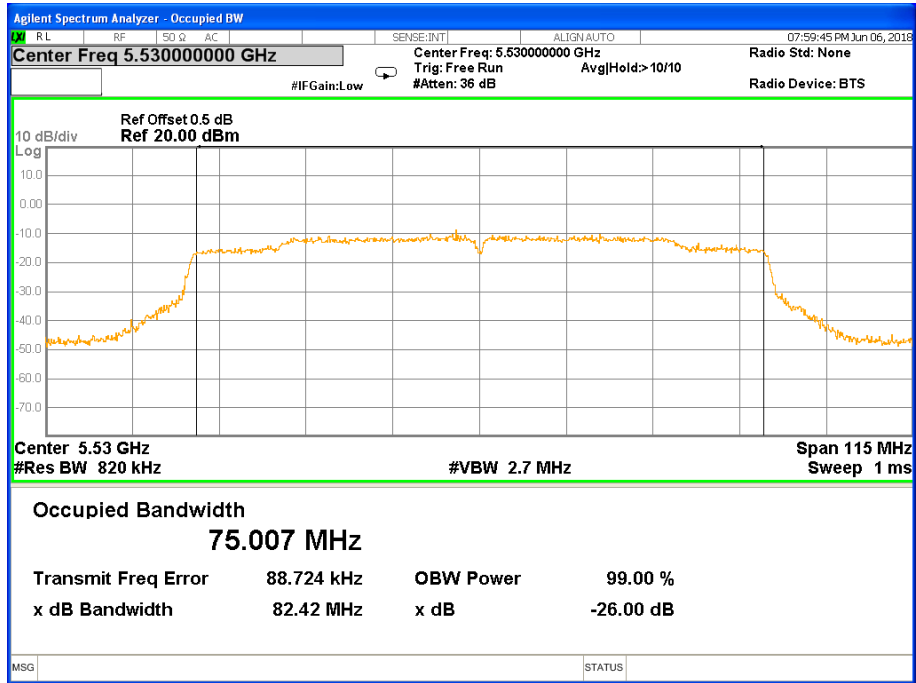


26 dB & 99% Bandwidth 802.11ac(HT40) Channel 134

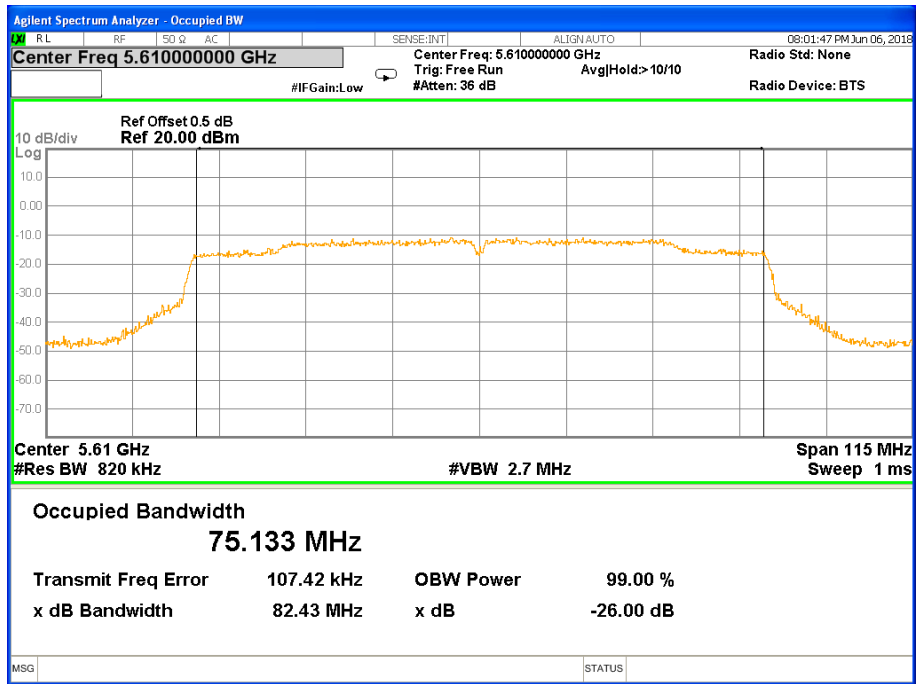




Band III (5.470-5.725GHz) 802.11ac(HT80) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT80) Channel 106

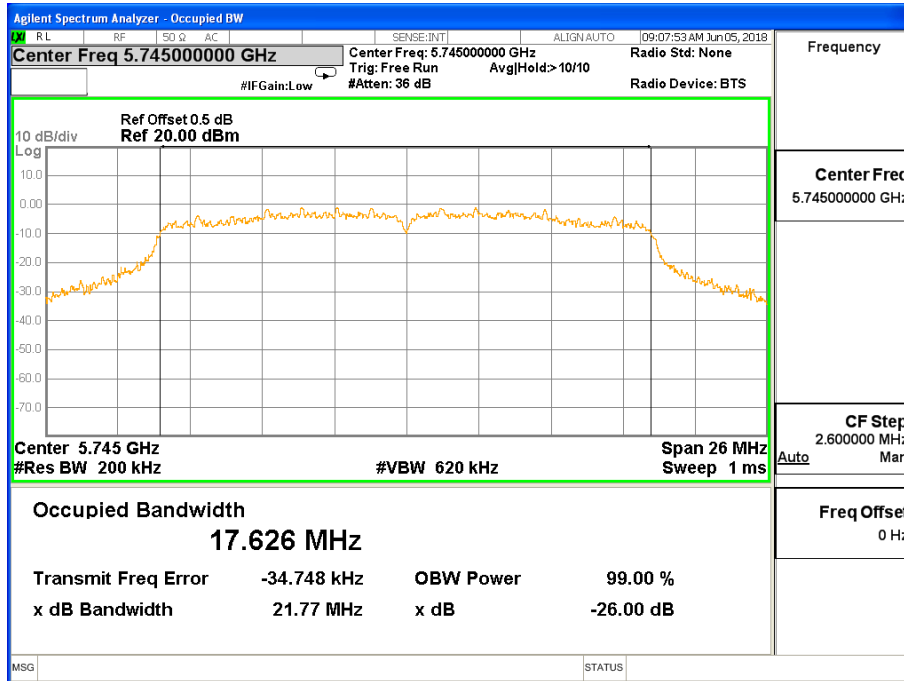


26 dB &99% Bandwidth 802.11ac(HT80) Channel 122

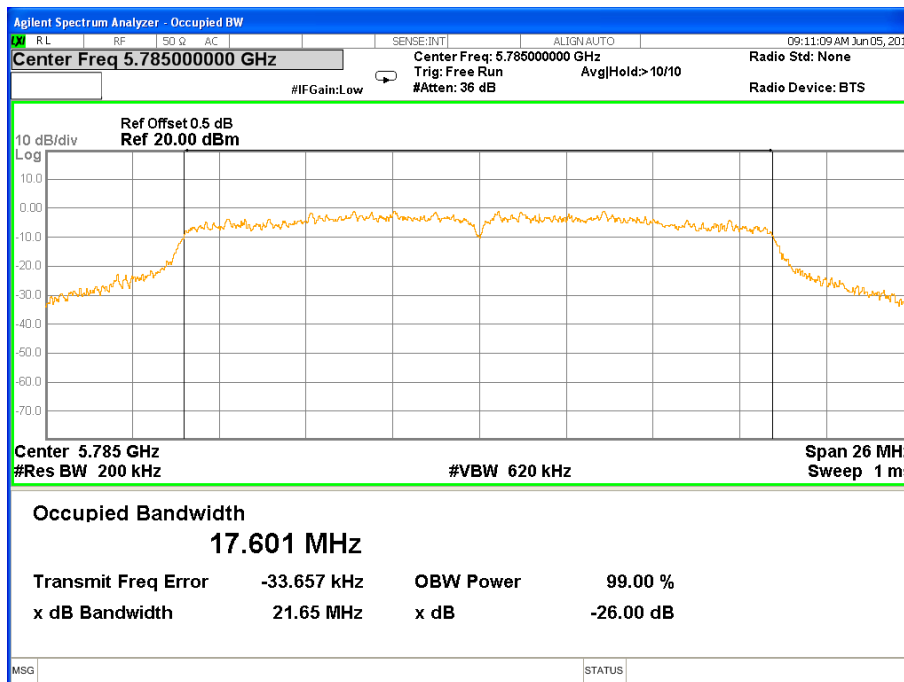




Band IV (5.725-5.850GHz) 802.11ac(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT20) Channel 149

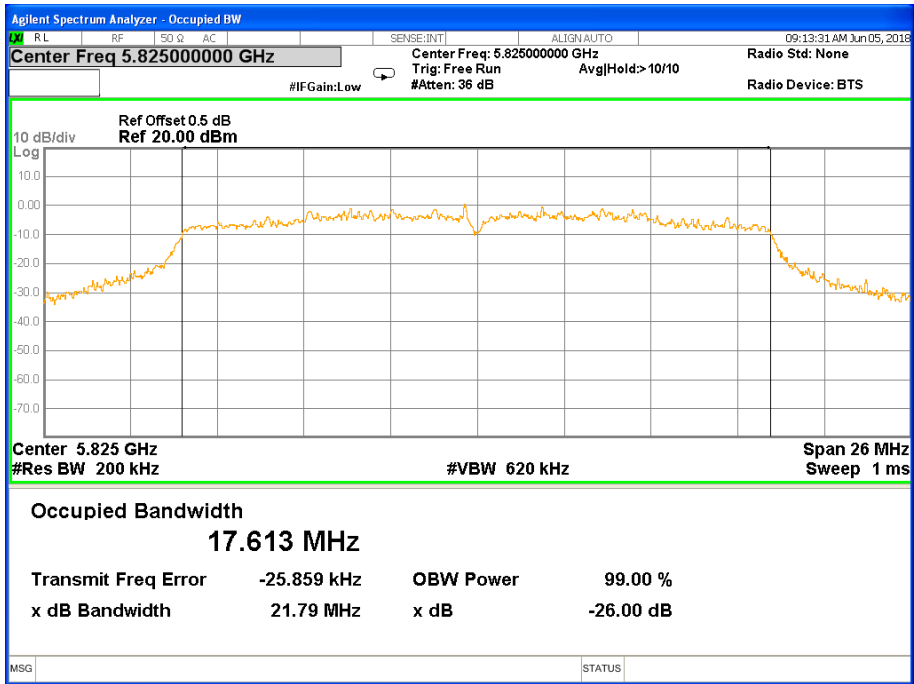


26 dB &99% Bandwidth 802.11ac(HT20) Channel 157



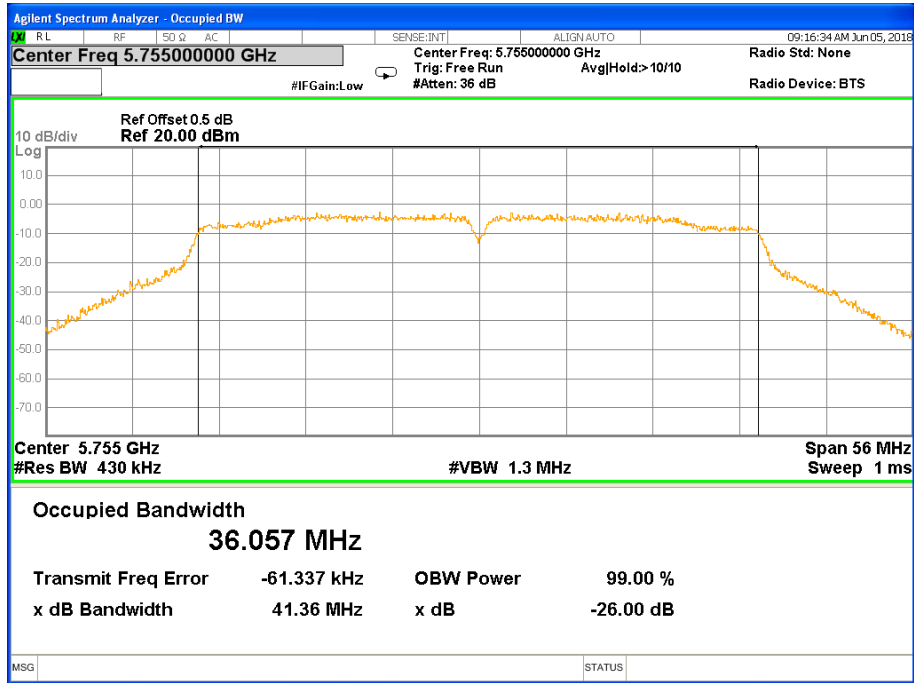


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 165

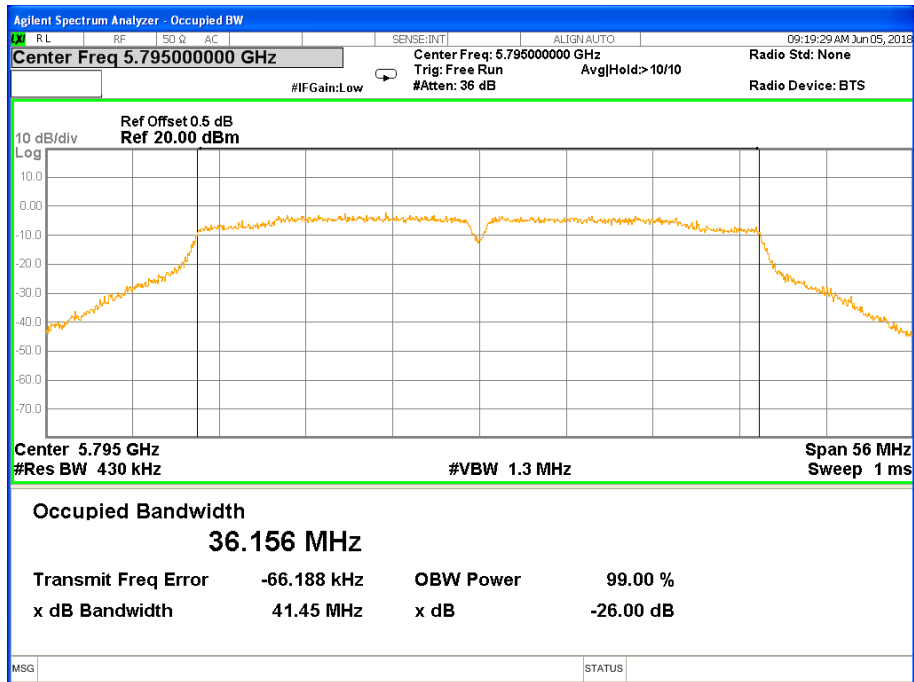




Band IV (5.725-5.850GHz) 802.11ac(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 151



26 dB &99% Bandwidth 802.11ac(HT40) Channel 159





Band IV (5.725-5.850GHz) 802.11ac(HT80) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT80) Channel 155

