



Note: A/B Represent the value of antenna A/B, The worst is Antenna A ,only shown
Antenna A Polt

Band I (5.150-5.250GHz) 26dB Bandwidth

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	19.52	19.50	N/A
5200	19.83	19.82	N/A
5240	20.16	20.13	N/A

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

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	19.84	19.82	N/A
5200	20.30	20.29	N/A
5240	21.00	20.99	N/A

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

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5190	40.02	40.00	N/A
5230	40.19	40.17	N/A

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

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	20.17	20.15	N/A
5200	19.75	19.73	N/A
5240	19.76	19.74	N/A

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	40.19	40.15	N/A
5230	40.01	40.00	N/A

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	80.08	80.05	N/A

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

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	20.40	20.37	N/A
5300	23.20	23.18	N/A
5320	22.87	22.85	N/A

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

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	20.43	20.40	N/A
5300	21.71	21.70	N/A
5320	23.60	23.57	N/A

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

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5270	40.39	40.37	N/A
5310	40.37	40.35	N/A

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

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	20.33	20.31	N/A
5300	20.68	20.65	N/A
5320	23.73	23.70	N/A

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	40.22	40.20	N/A
5310	40.45	40.43	N/A

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	88.78	88.75	N/A

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

Band III (5.47-5.725GHz)26dB Bandwidth

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	26.00	25.98	N/A
5580	26.00	25.97	N/A
5700	25.20	25.19	N/A

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

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	25.88	25.85	N/A
5580	26.00	25.98	N/A
5700	25.77	25.72	N/A

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

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5510	51.21	51.20	N/A
5550	50.53	50.50	N/A
5670	44.40	44.38	N/A

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

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	25.97	25.95	N/A
5580	26.00	25.97	N/A
5700	25.42	25.40	N/A

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	47.31	47.30	N/A
5550	52.77	52.76	N/A
5670	41.13	41.12	N/A

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	96.08	96.04	N/A
5610	86.11	86.09	N/A

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

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	25.62	25.60	N/A
5785	25.69	25.65	N/A
5825	24.58	24.56	N/A

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

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	25.44	25.43	N/A
5785	25.71	25.70	N/A
5825	24.42	24.40	N/A

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

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5755	54.94	54.92	N/A
5795	55.98	55.95	N/A

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

Frequency (MHz)	802.11ac(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	25.90	25.87	N/A
5785	25.74	25.72	N/A
5825	25.48	25.45	N/A

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	42.79	42.74	N/A
5795	55.99	55.95	N/A

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	114.7	114.3	N/A

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

Band I (5.150-5.250GHz) 99% Bandwidth

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	16.475	16.473	N/A
5200	16.553	16.551	N/A
5240	16.474	16.472	N/A

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

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	17.508	17.505	N/A
5200	17.538	17.536	N/A
5240	17.537	17.535	N/A

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

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5190	36.056	36.055	N/A
5230	36.056	36.053	N/A

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

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	17.589	17.585	N/A
5200	17.525	17.524	N/A
5240	17.531	17.530	N/A

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	36.046	36.044	N/A
5230	36.021	36.020	N/A

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	74.891	74.890	N/A

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

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	16.492	16.490	N/A
5300	16.624	16.623	N/A
5320	16.514	16.511	N/A

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

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	17.548	17.545	N/A
5300	17.569	17.567	N/A
5320	17.577	17.574	N/A

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

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5270	36.058	36.057	N/A
5310	36.069	36.065	N/A

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

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	17.597	17.596	N/A
5300	17.564	17.562	N/A
5320	17.668	17.665	N/A

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	36.057	36.052	N/A
5310	36.024	36.021	N/A

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	74.962	74.960	N/A

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

Band III (5.470-5.725GHz)99% Bandwidth

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	16.872	16.870	N/A
5580	16.901	16.900	N/A
5700	16.694	16.692	N/A

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

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	17.772	17.770	N/A
5580	17.872	17.871	N/A
5700	17.688	17.687	N/A

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

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5510	36.095	36.093	N/A
5550	36.158	36.156	N/A
5670	36.074	36.072	N/A

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

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	17.768	17.765	N/A
5580	17.795	17.793	N/A
5700	17.683	17.681	N/A

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	36.092	36.090	N/A
5550	36.122	36.121	N/A
5670	36.051	36.050	N/A

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	74.985	74.983	N/A
5610	74.903	74.901	N/A

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

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	16.694	16.692	N/A
5785	16.696	16.695	N/A
5825	16.672	16.670	N/A

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

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	17.708	17.705	N/A
5785	17.684	17.681	N/A
5825	17.684	17.683	N/A

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

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5755	36.238	36.235	N/A
5795	36.290	36.287	N/A

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

Frequency (MHz)	802.11ac(HT20) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	17.698	17.695	N/A
5785	17.704	17.702	N/A
5825	17.668	17.665	N/A

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	36.050	36.048	N/A
5795	36.263	36.261	N/A

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	75.294	75.291	N/A

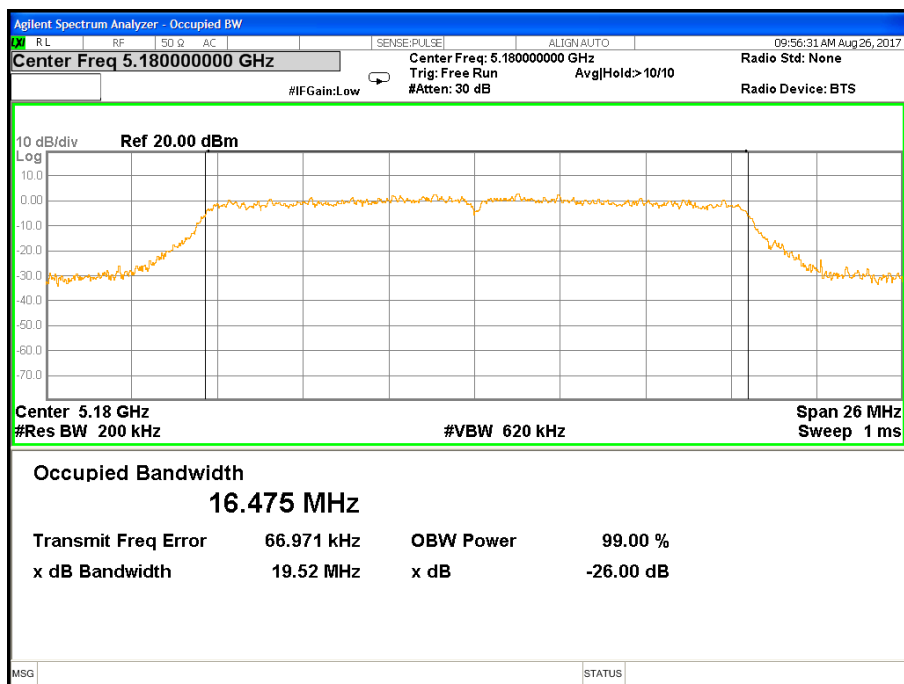
Note: N/A, 26 db bandwidth measurement limit only embodied in the report



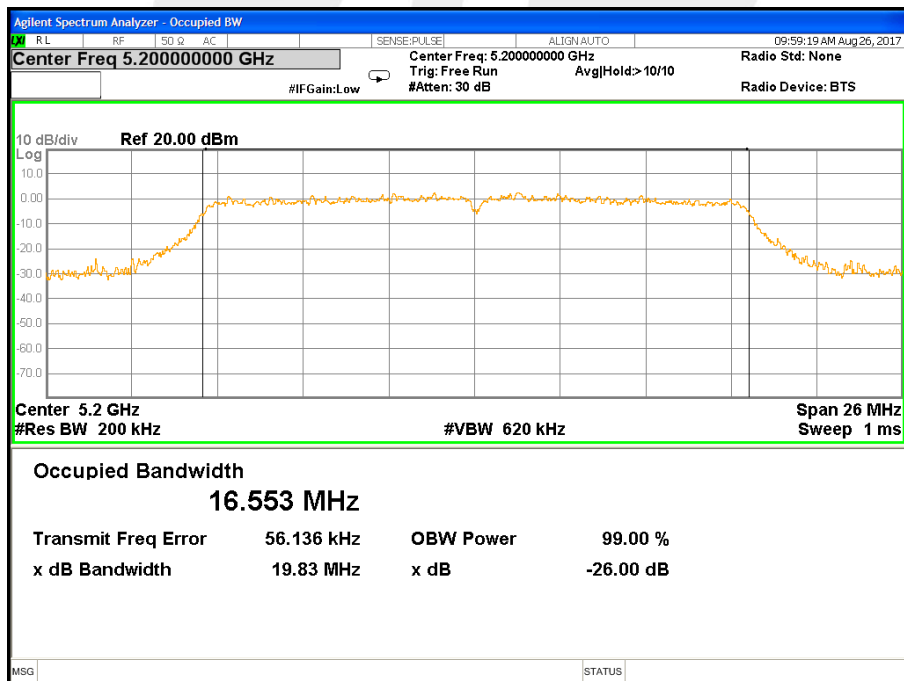
Antenna A

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

26 dB &99% Bandwidth 802.11a Channel 36

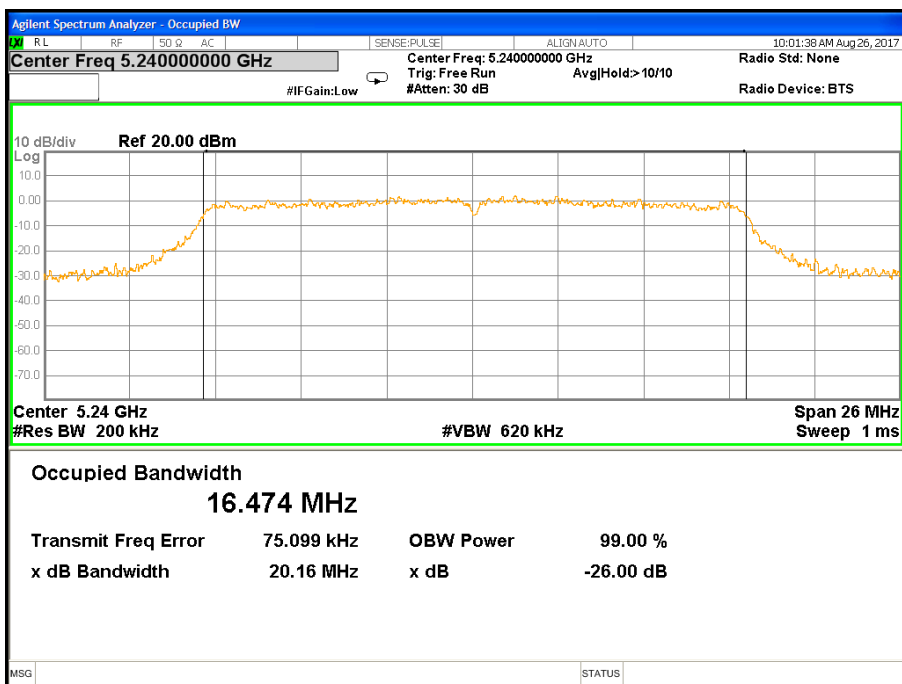


26 dB &99% Bandwidth 802.11a Channel 40



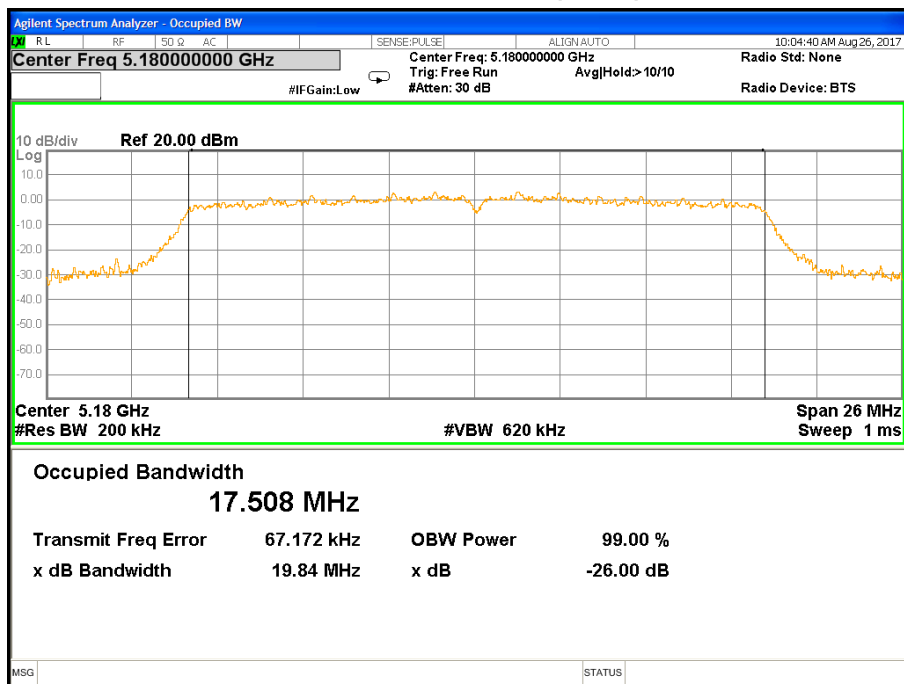


26 dB & 99% Bandwidth 802.11a Channel 48

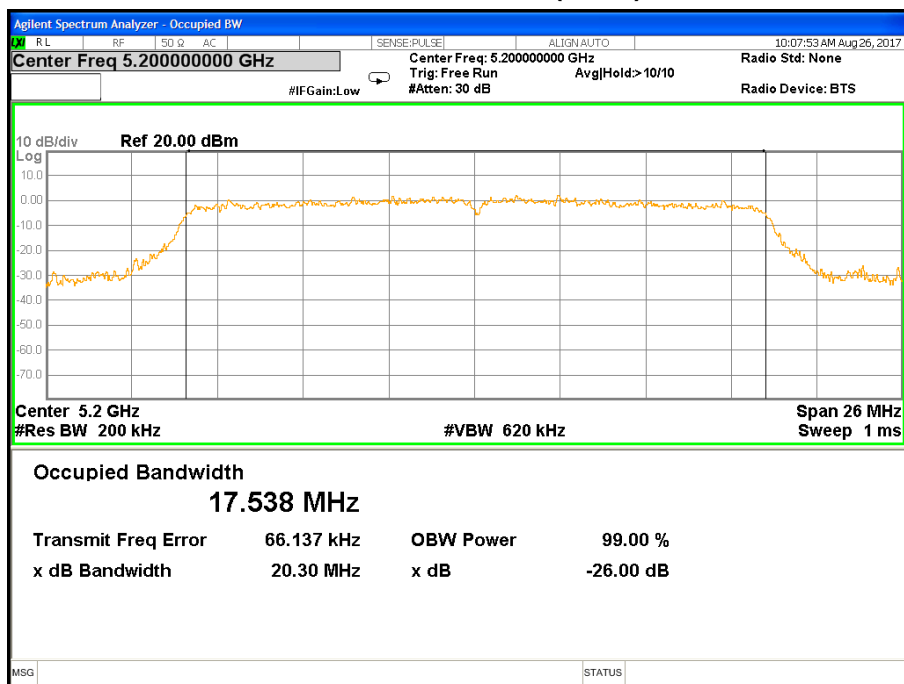




Band I (5.150-5.250GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 36

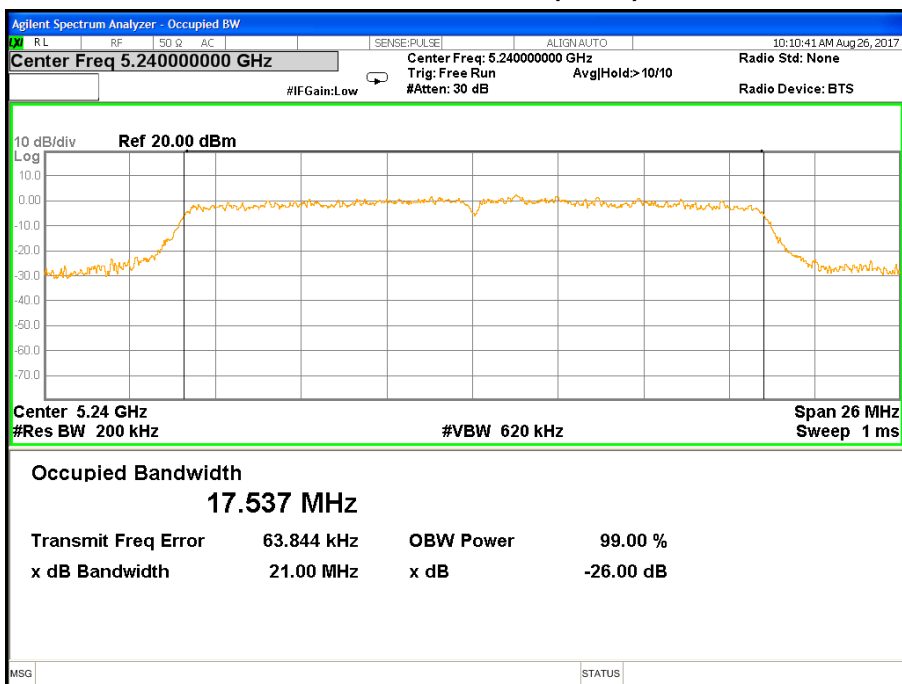


26 dB &99% Bandwidth 802.11n(HT20) Channel 40



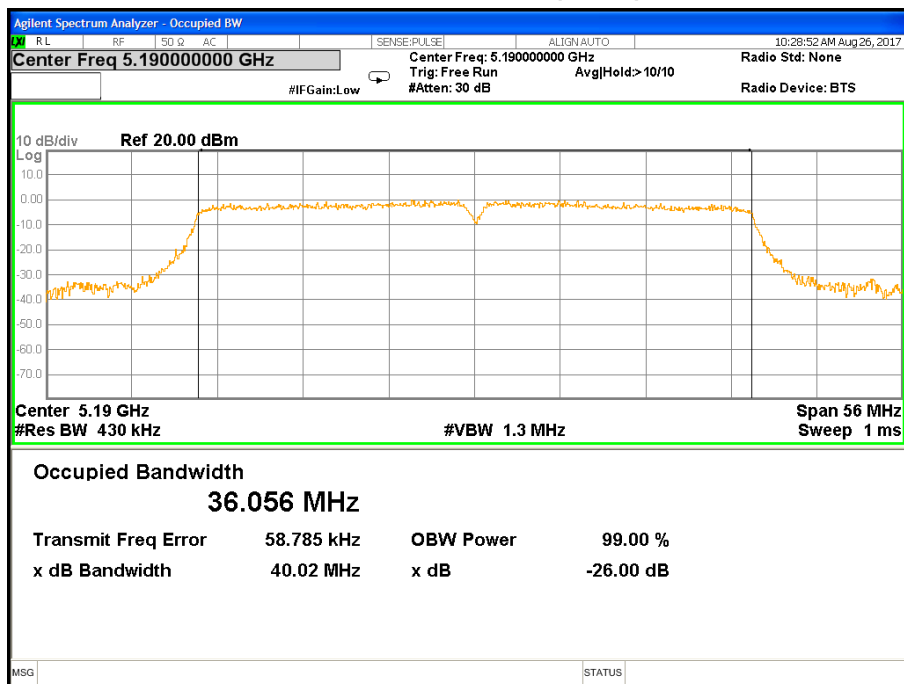


26 dB & 99% Bandwidth 802.11n(HT20) Channel 48

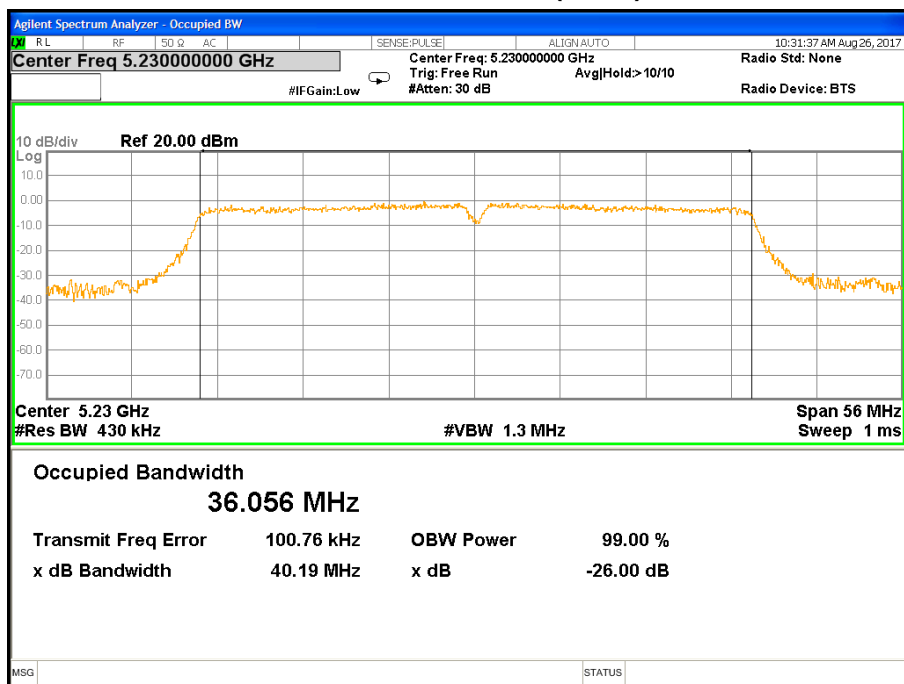




Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT40) Channel 38

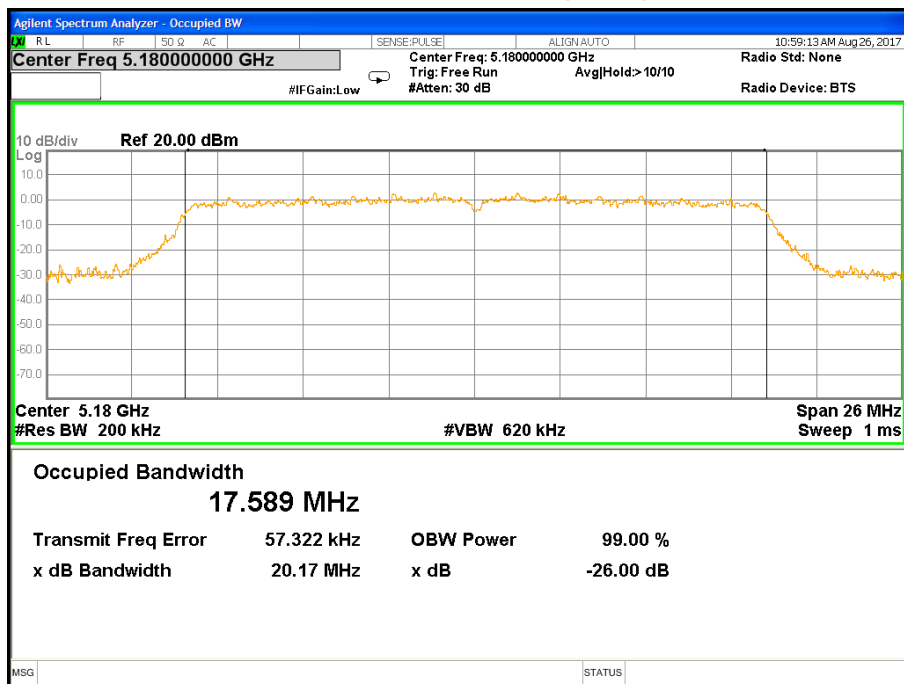


26 dB &99% Bandwidth 802.11n(HT40) Channel 46

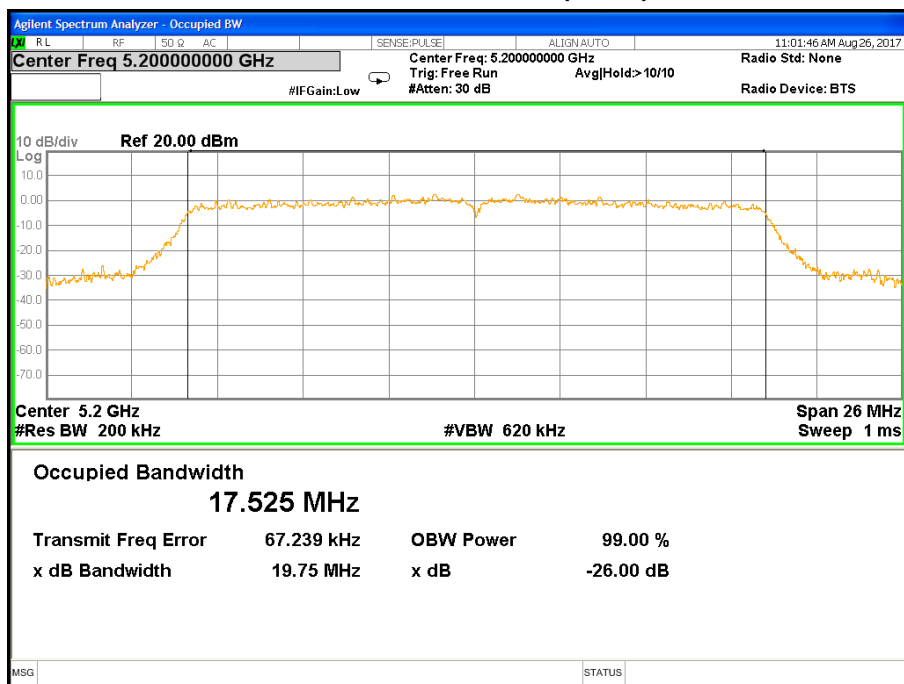




Band I (5.150-5.250GHz) 802.11ac(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT20) Channel 36

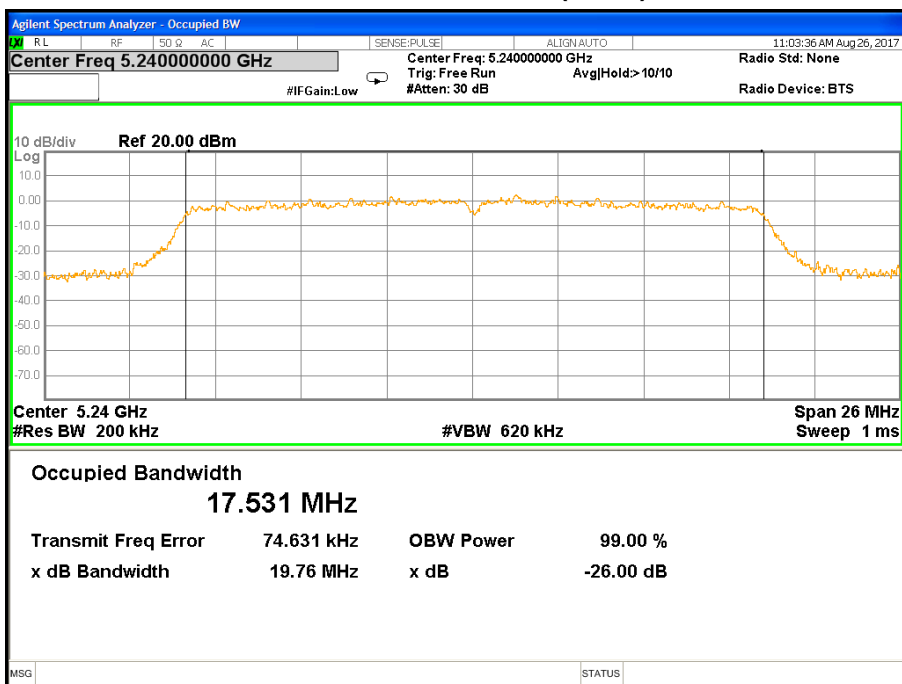


26 dB &99% Bandwidth 802.11ac(HT20) Channel 40



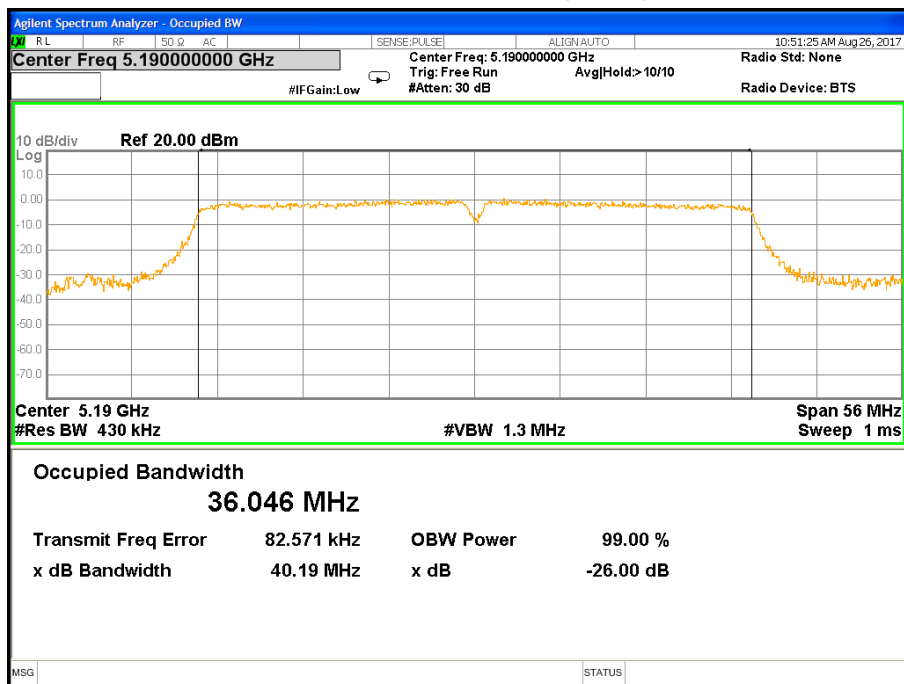


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 48

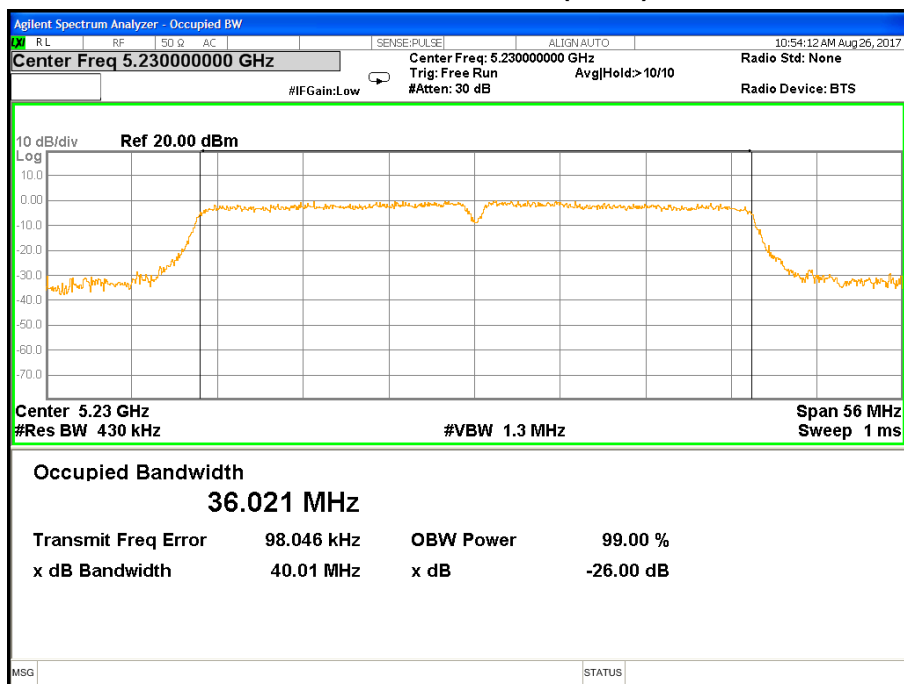




Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT40) Channel 38

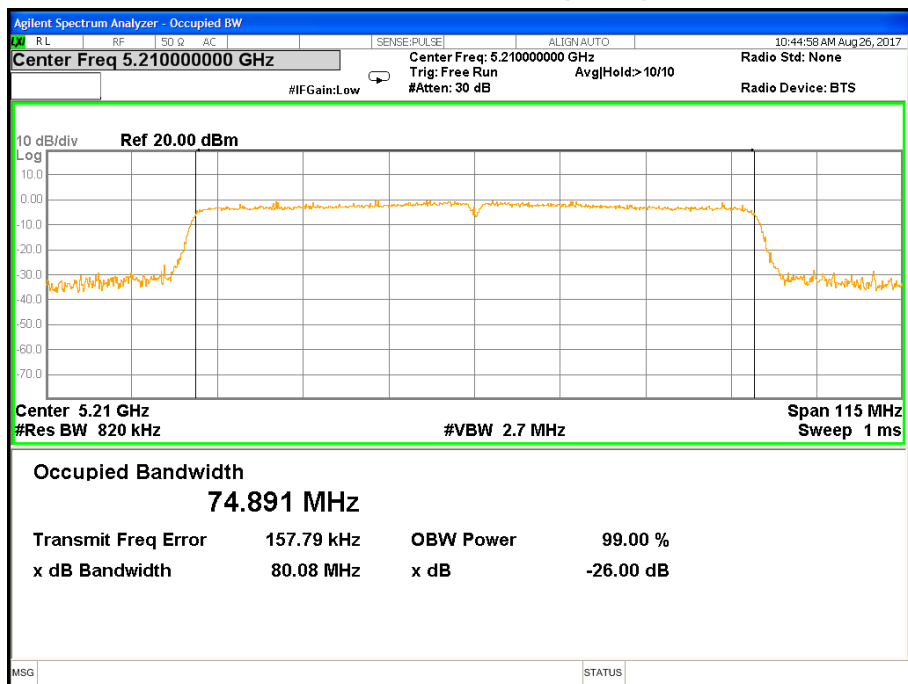


26 dB &99% Bandwidth 802.11ac(HT40) Channel 46





Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT80) Channel 42

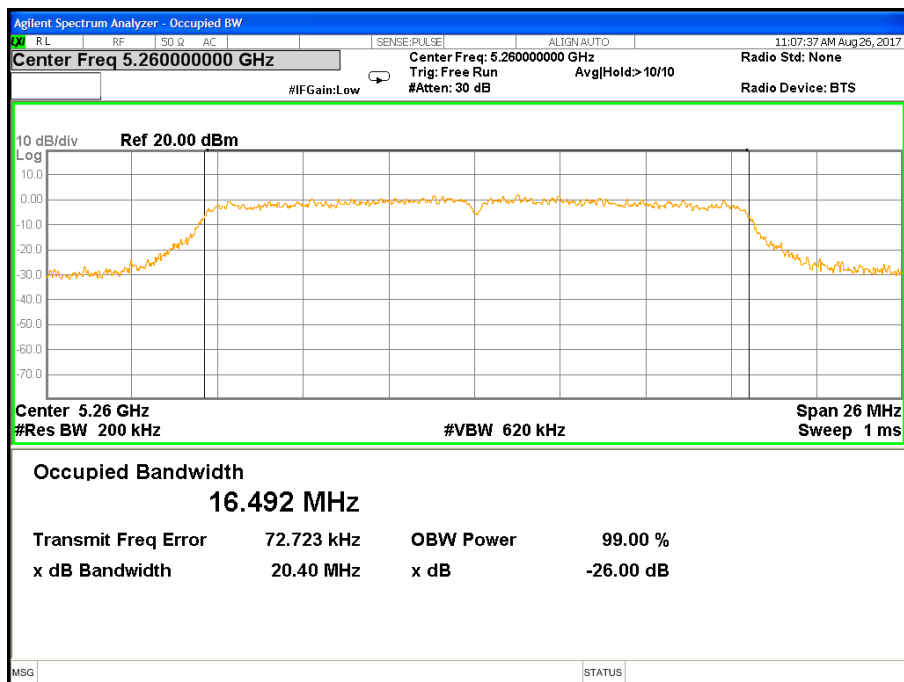




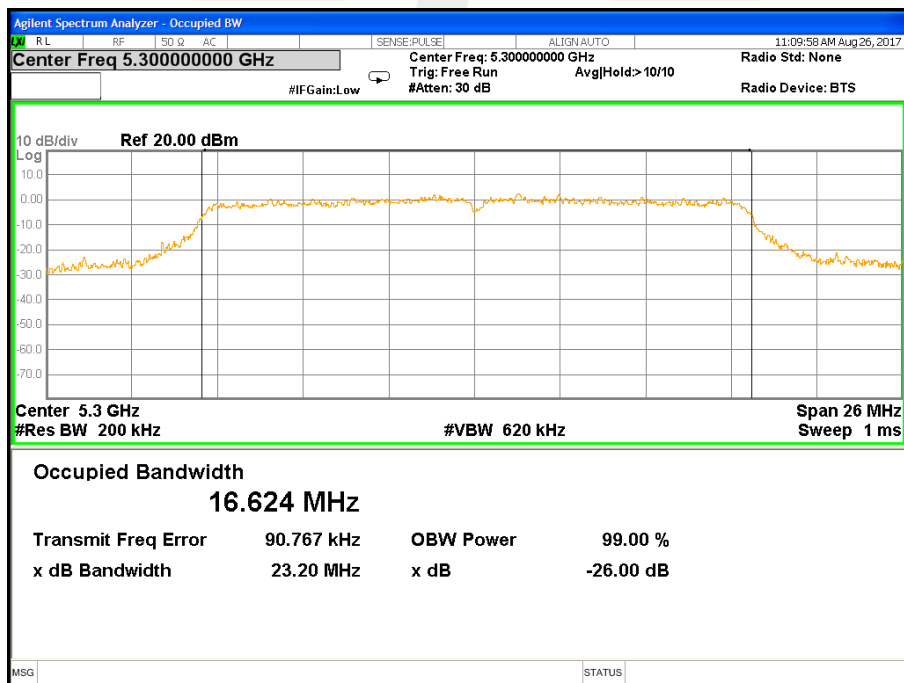
Antenna A

Band II (5.250-5.350GHz) 802.11a 26 dB &99% Bandwidth

26 dB &99% Bandwidth 802.11a Channel 52

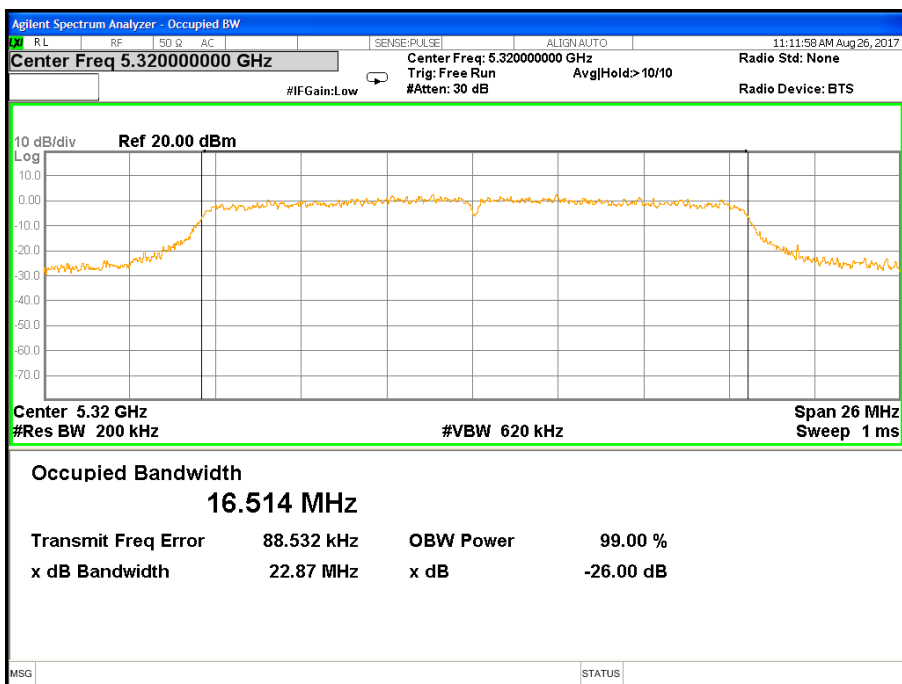


26 dB &99% Bandwidth 802.11a Channel 60



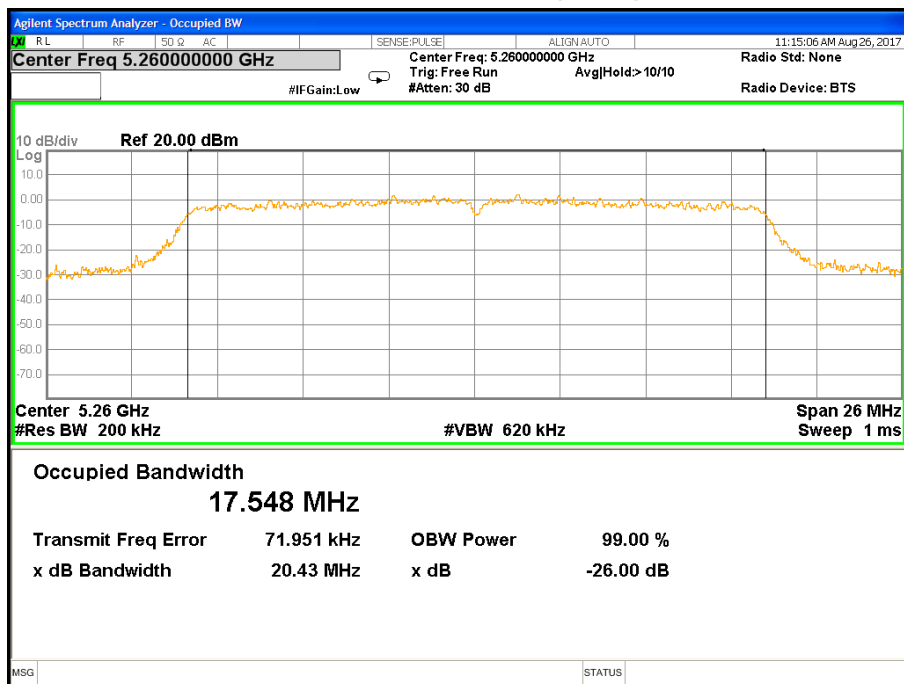


26 dB & 99% Bandwidth 802.11a Channel 64

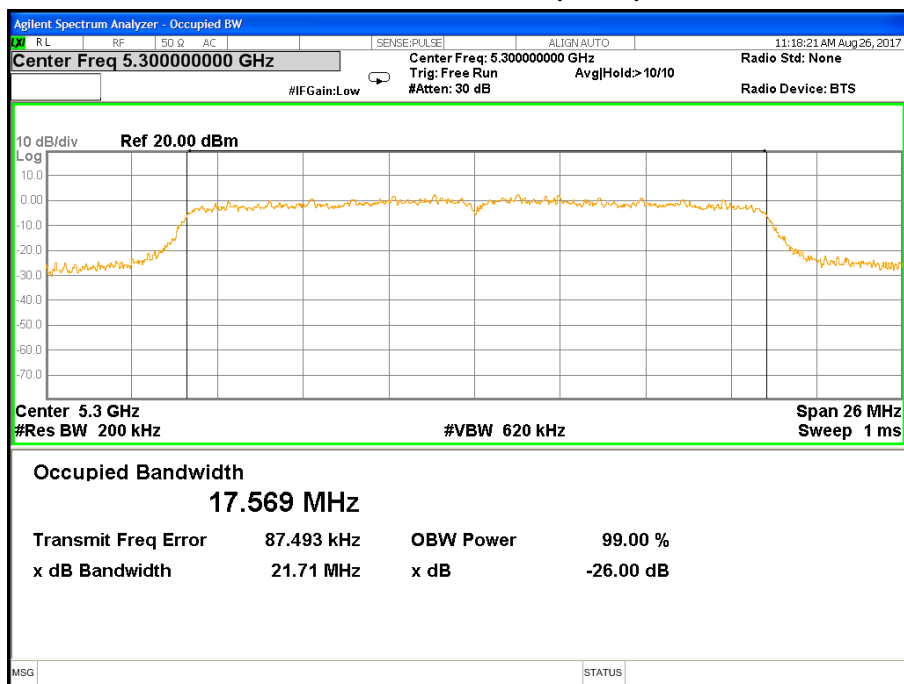




Band II (5.250-5.350GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 52

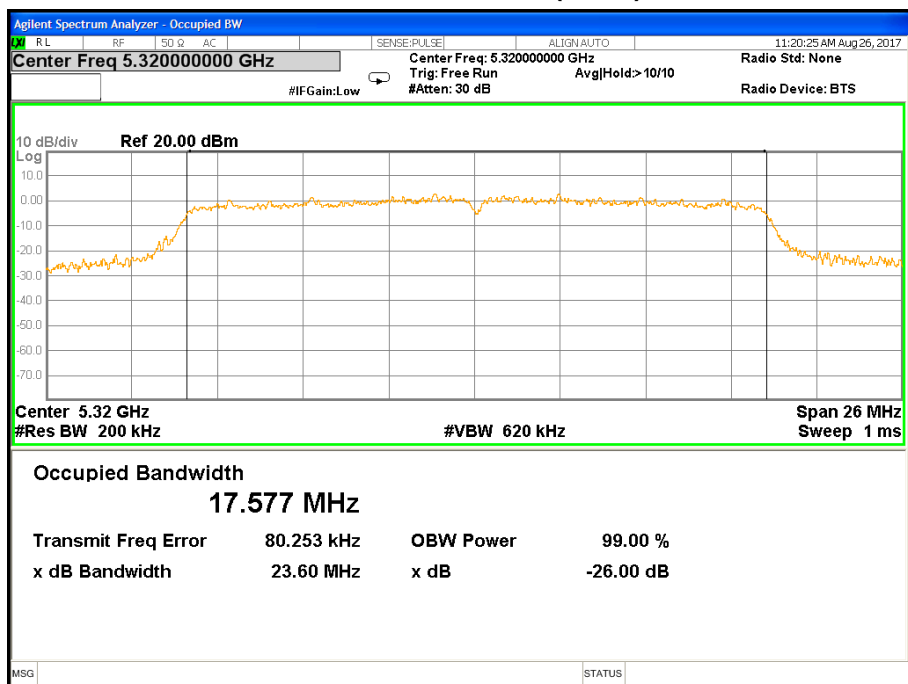


26 dB &99% Bandwidth 802.11n(HT20) Channel 60



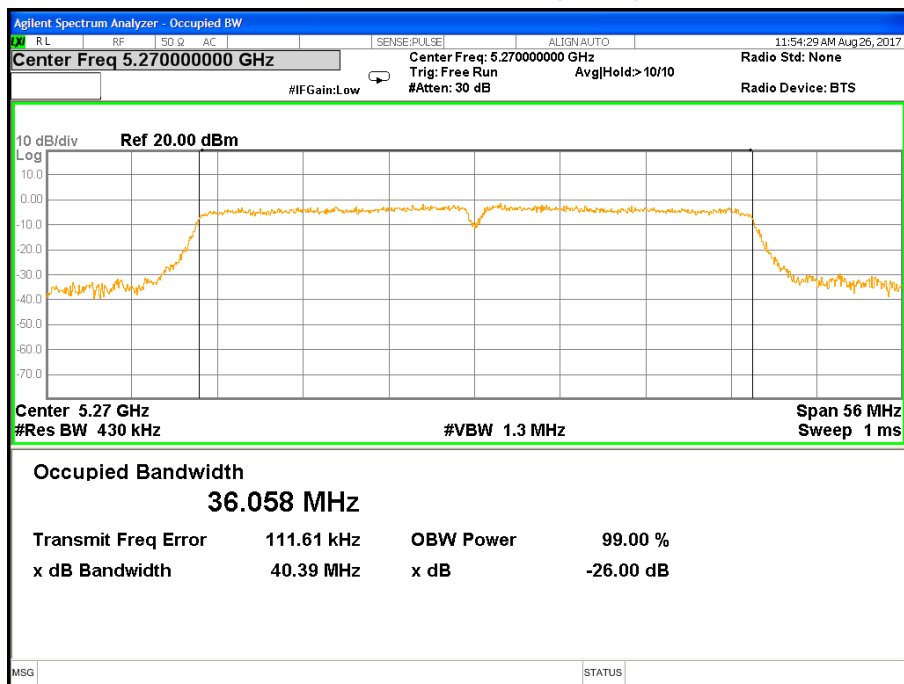


26 dB & 99% Bandwidth 802.11n(HT20) Channel 64

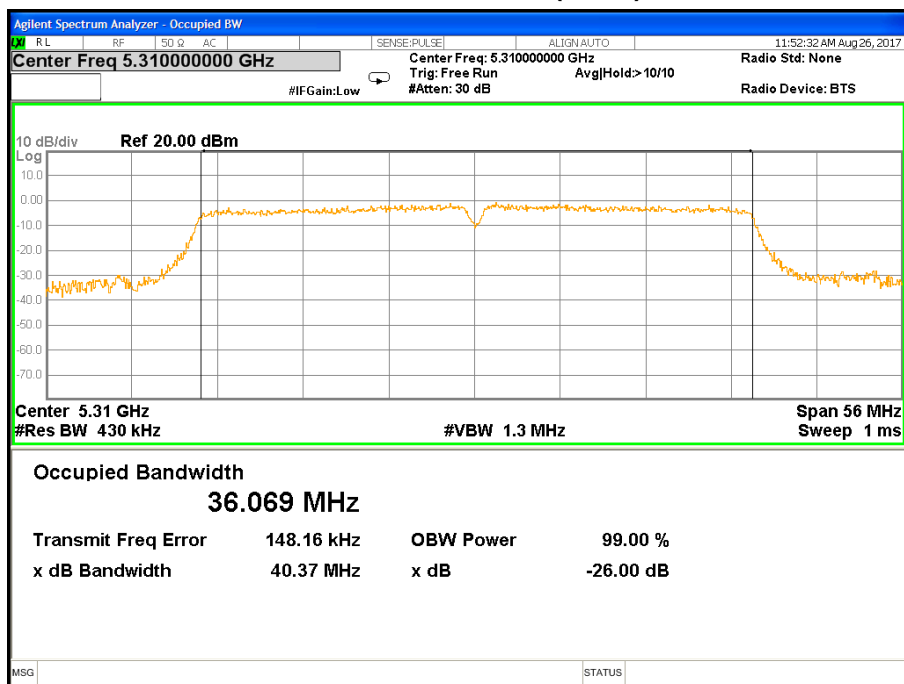




Band II (5.250-5.350GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT40) Channel 54

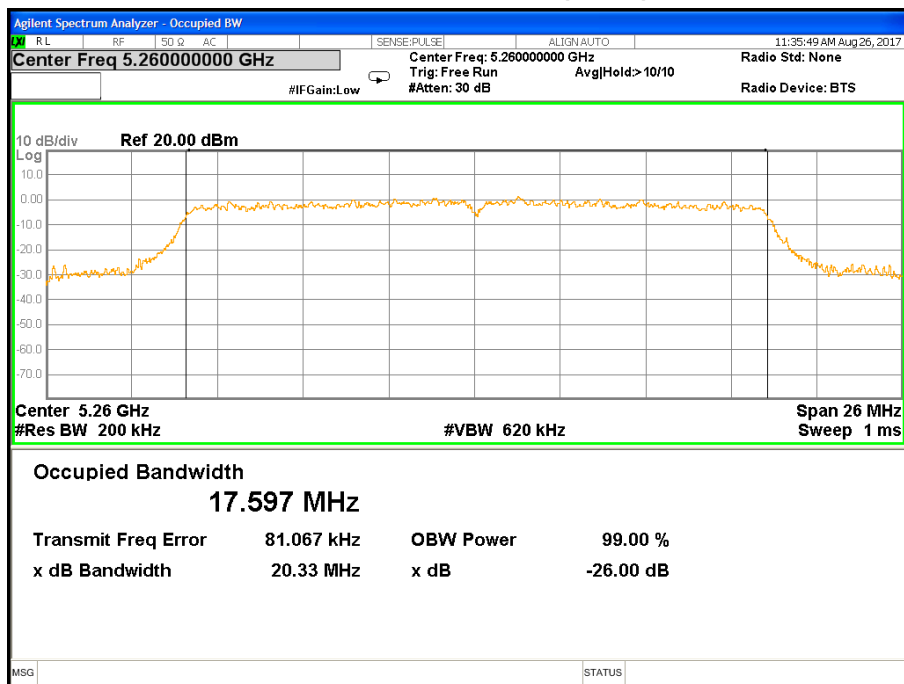


26 dB &99% Bandwidth 802.11n(HT40) Channel 62

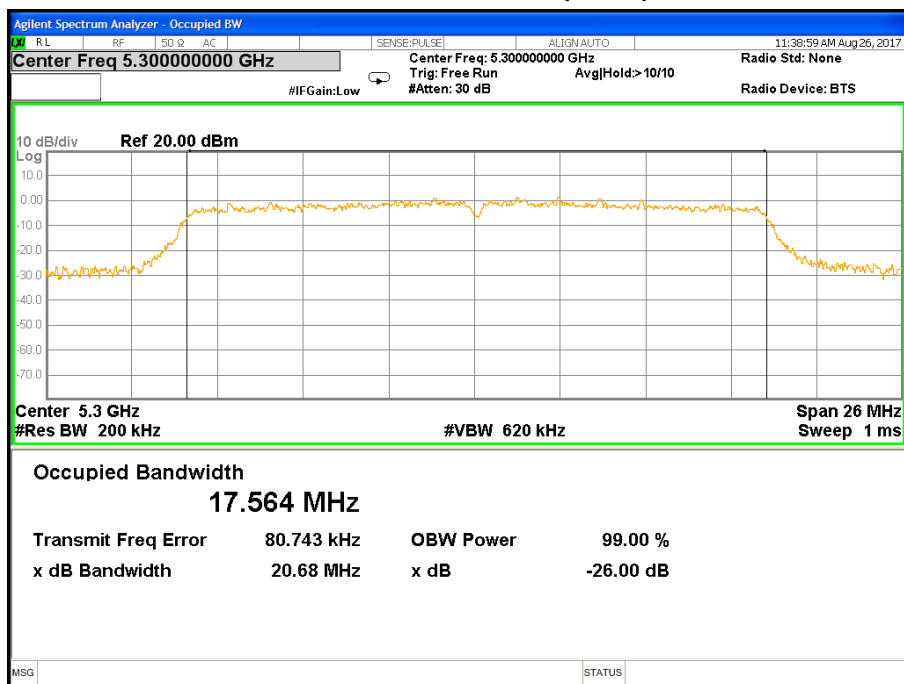




Band II (5.250-5.350GHz) 802.11ac(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT20) Channel 52

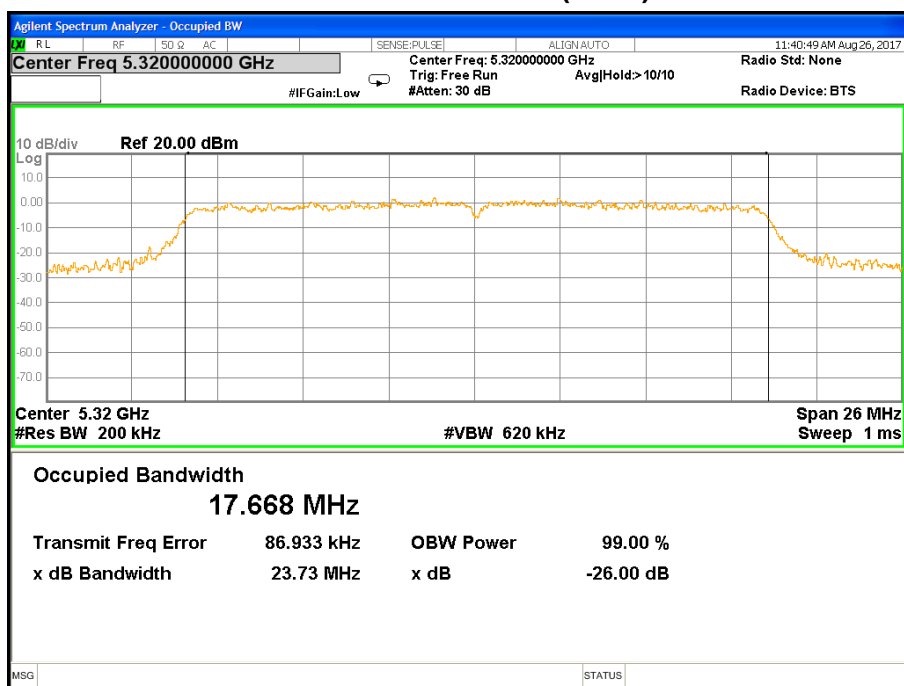


26 dB &99% Bandwidth 802.11ac(HT20) Channel 60



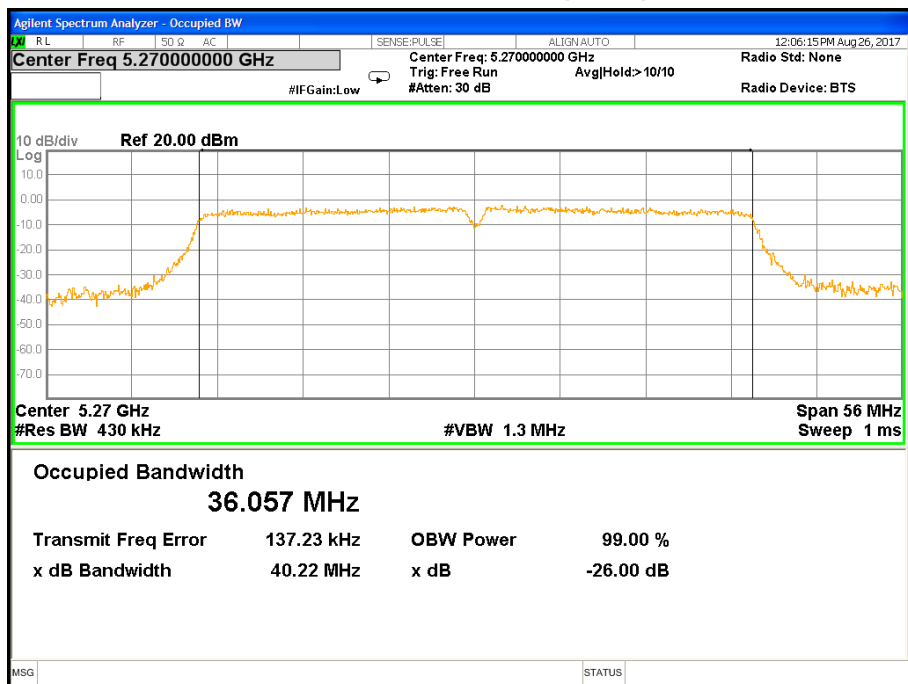


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 64

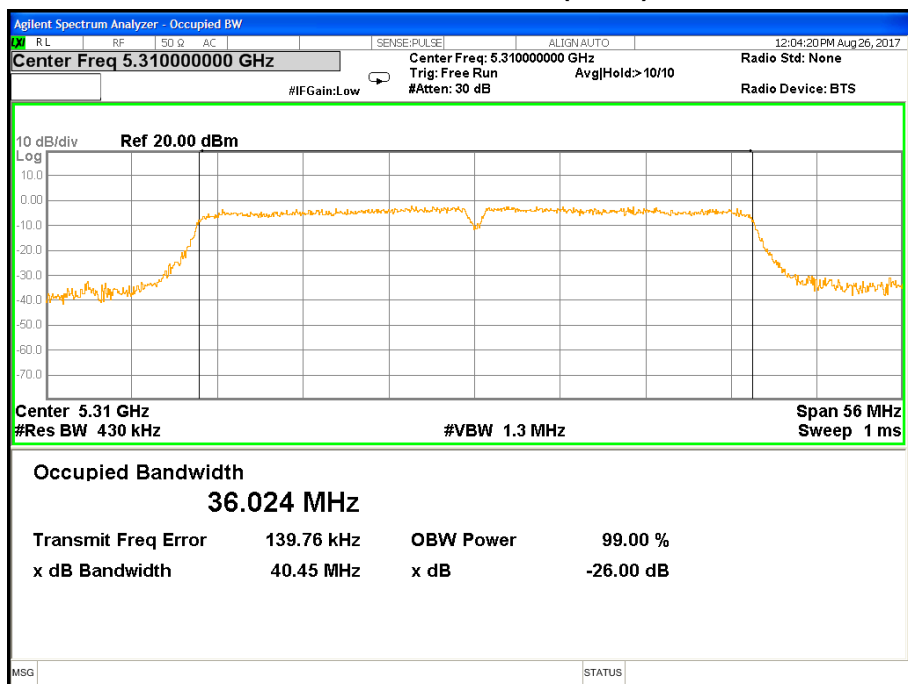




Band II (5.250-5.350GHz) 802.11ac(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT40) Channel 54

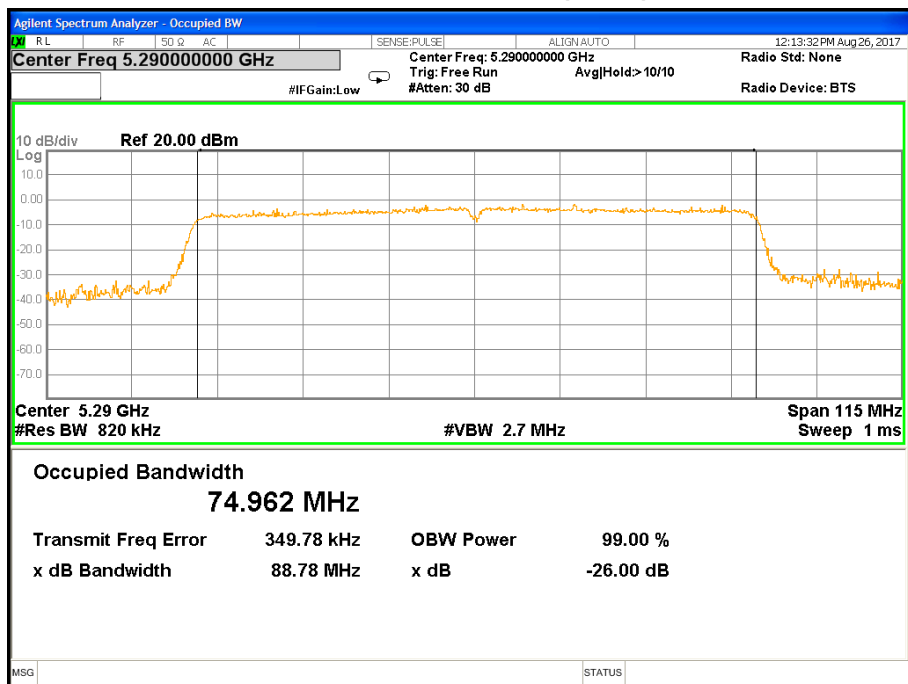


26 dB &99% Bandwidth 802.11ac(HT40) Channel 62





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

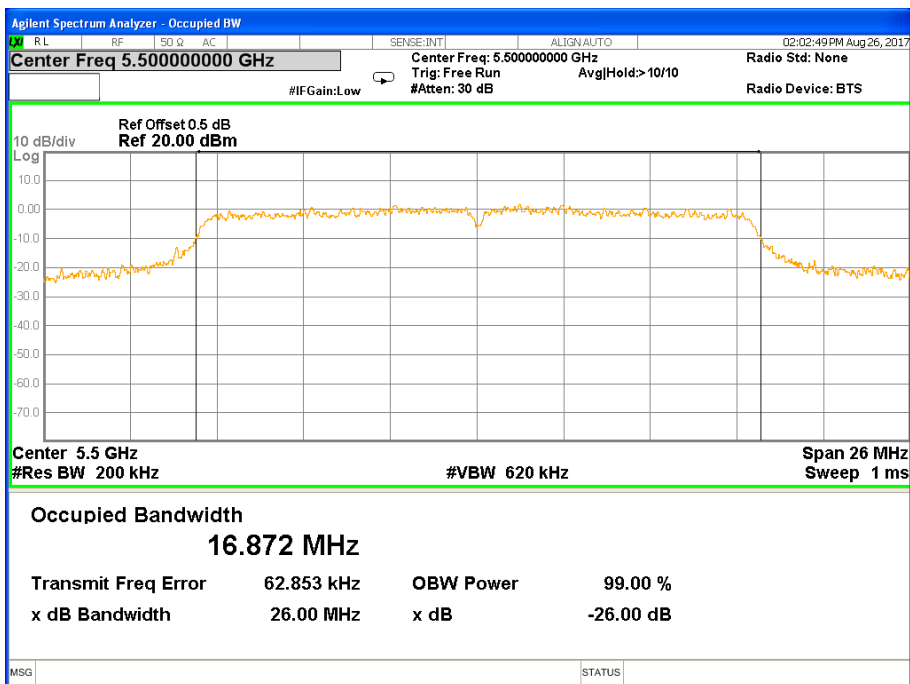




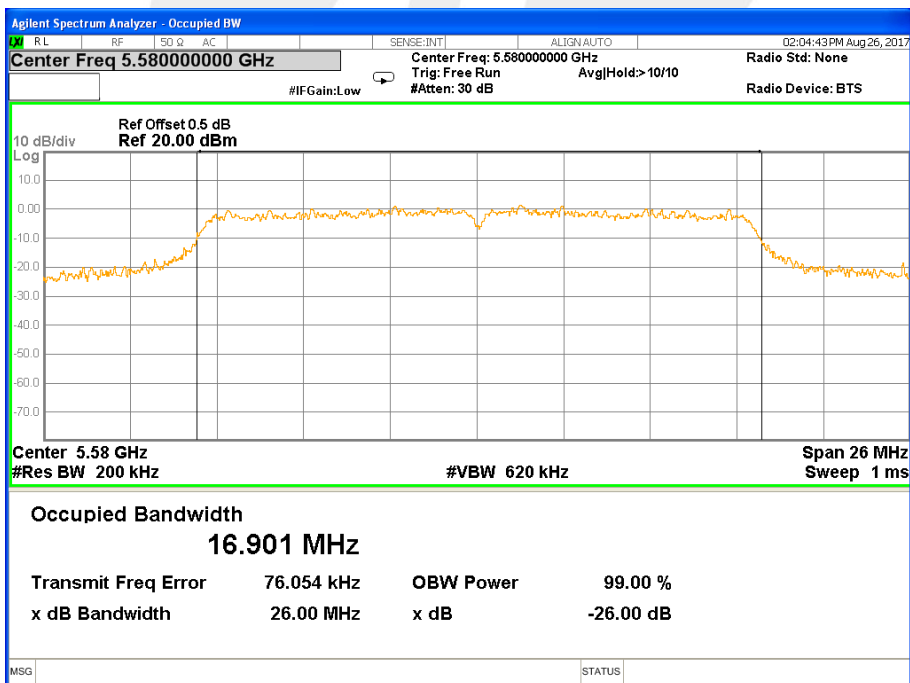
Antenna A

Band III (5.470-5.725GHz) 802.11a 26 dB &99% Bandwidth

26 dB &99% Bandwidth 802.11a Channel 100

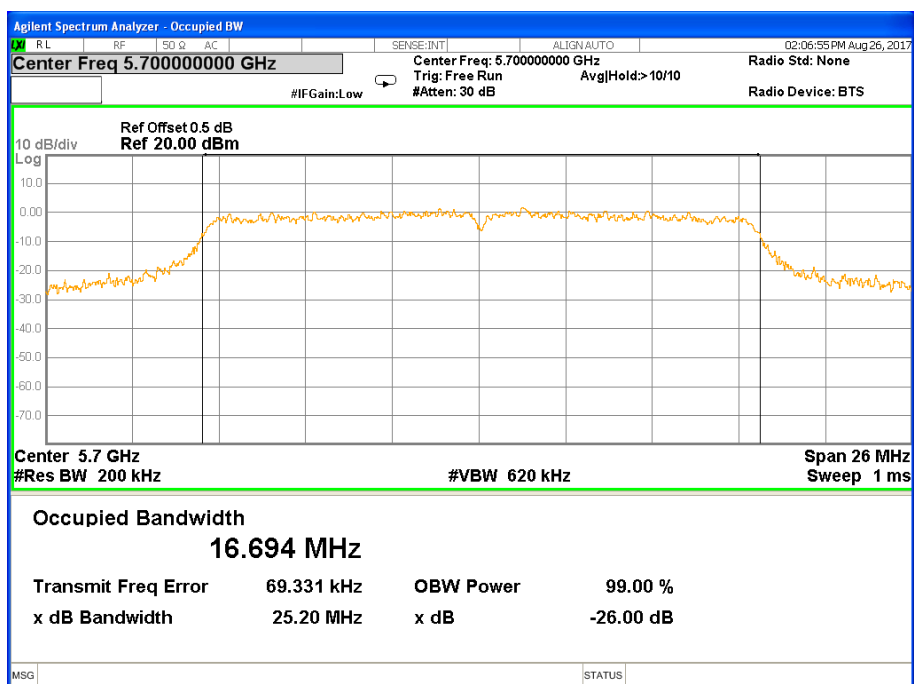


26 dB &99% Bandwidth 802.11a Channel 116



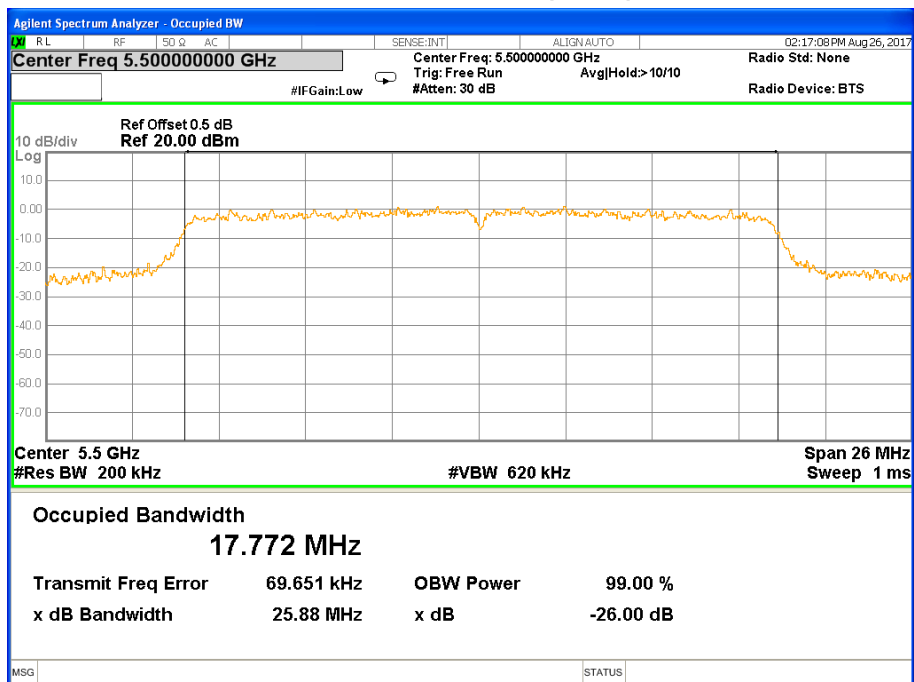


26 dB & 99% Bandwidth 802.11a Channel 140

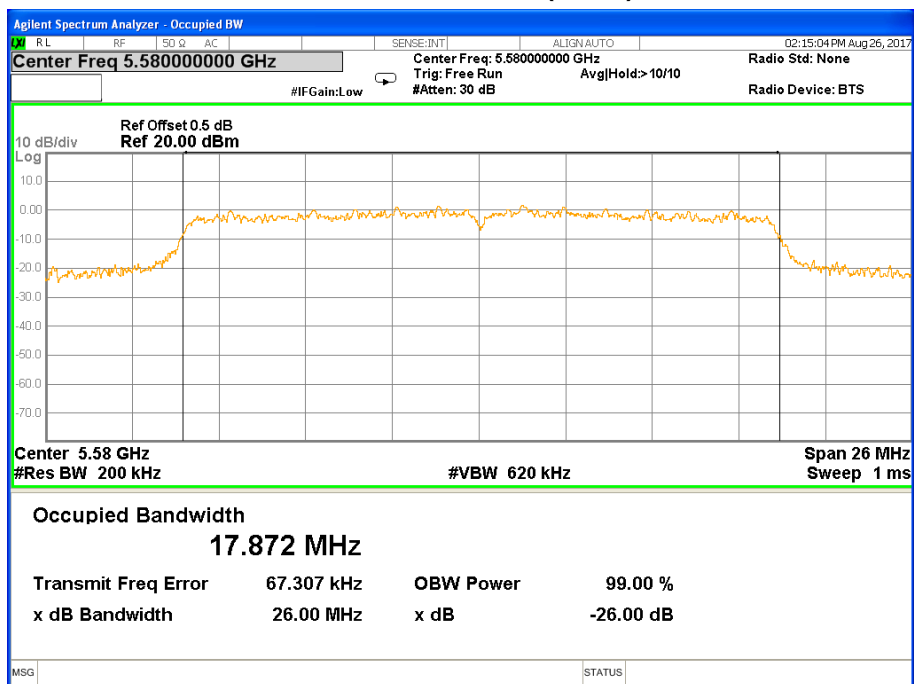




Band III (5.470-5.725GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 100

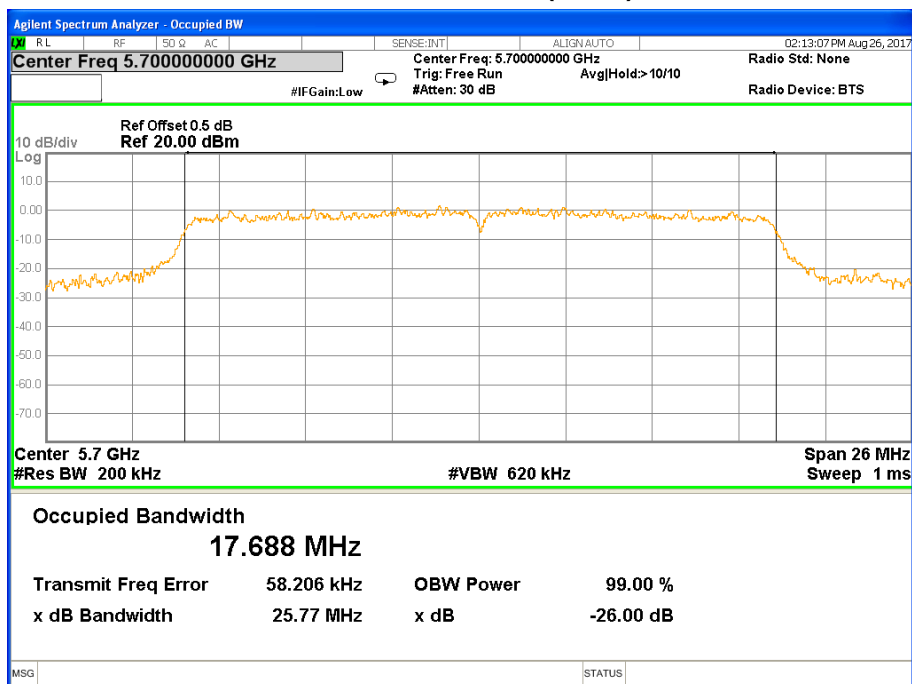


26 dB &99% Bandwidth 802.11n(HT20) Channel 116



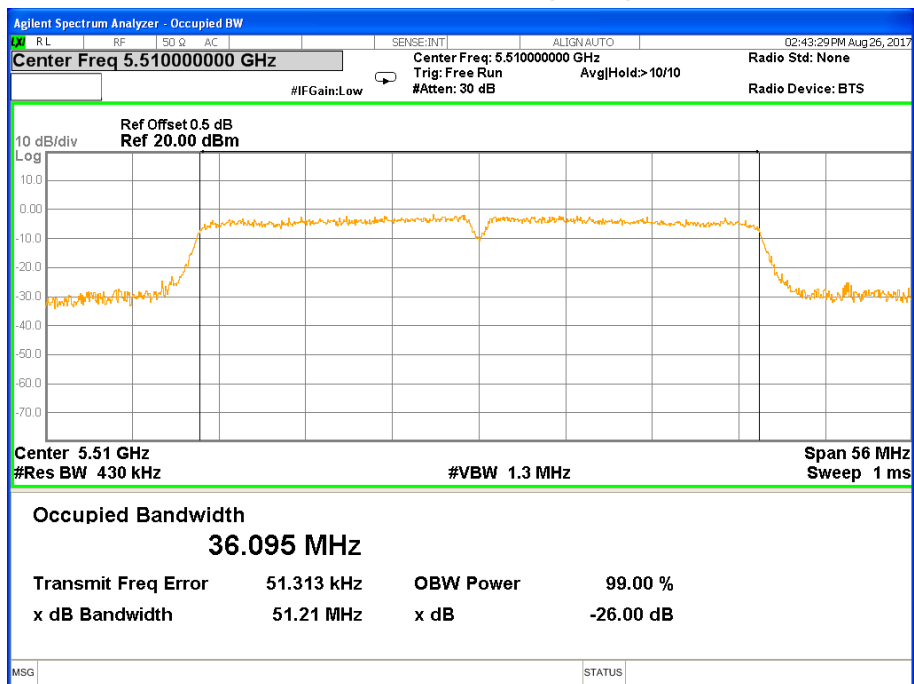


26 dB & 99% Bandwidth 802.11n(HT20) Channel 140

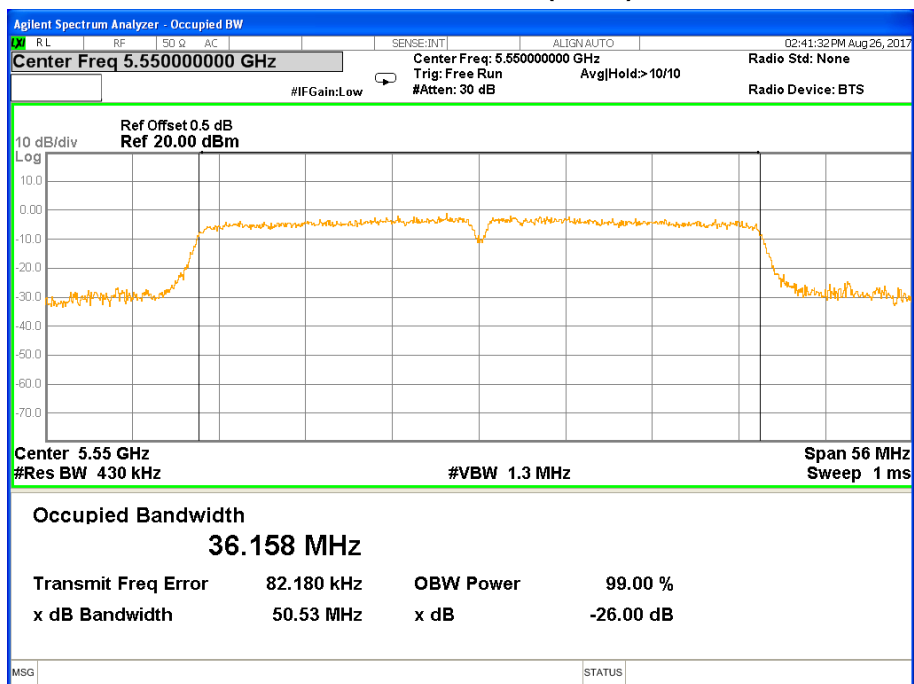




Band III (5.470-5.725GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT40) Channel 102

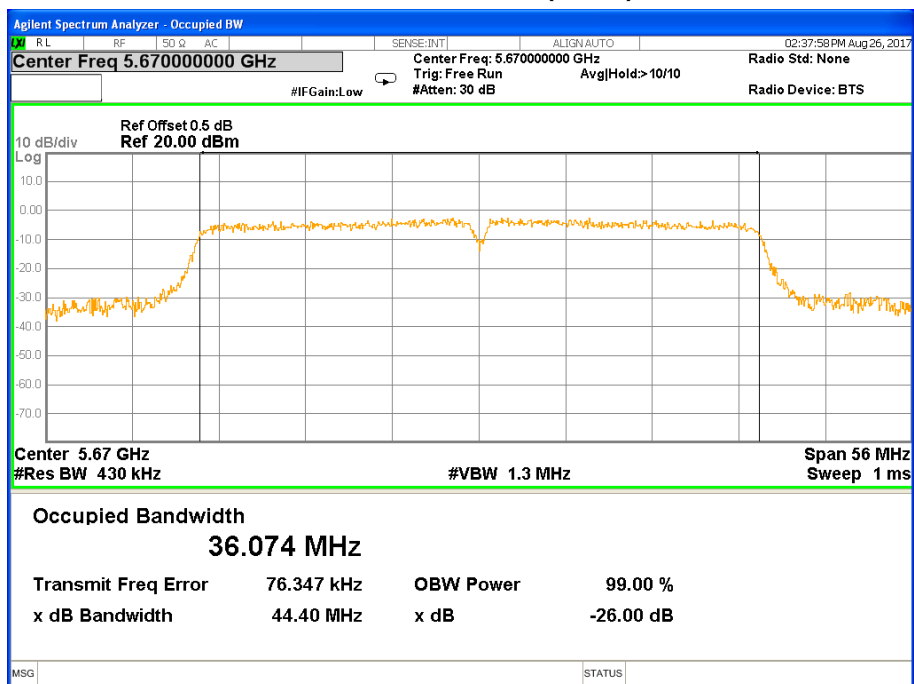


26 dB &99% Bandwidth 802.11n(HT40) Channel 110



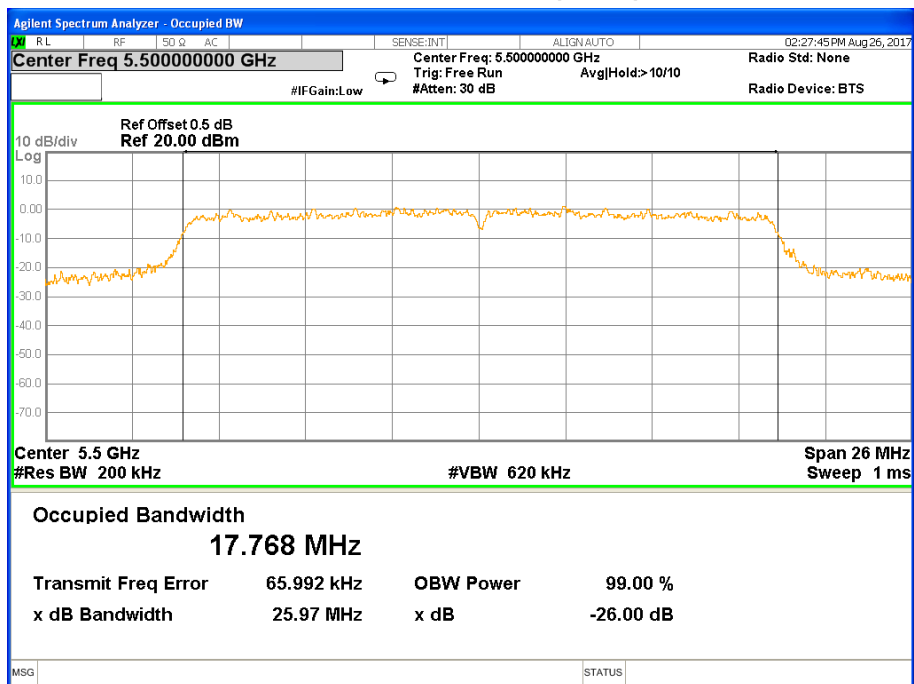


26 dB & 99% Bandwidth 802.11n(HT40) Channel 134

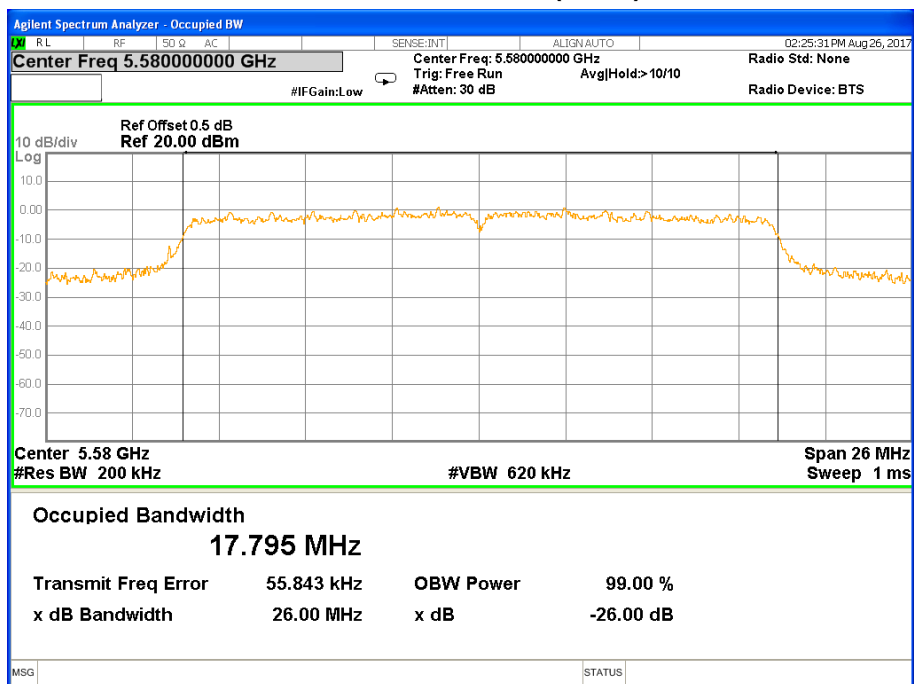


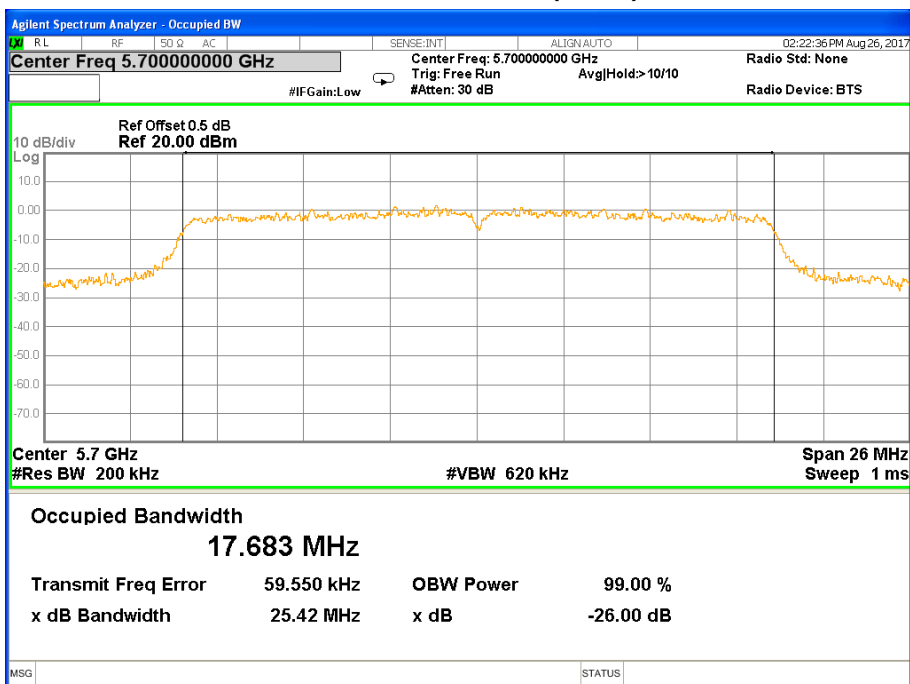


Band III (5.470-5.725GHz) 802.11ac(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT20) Channel 100



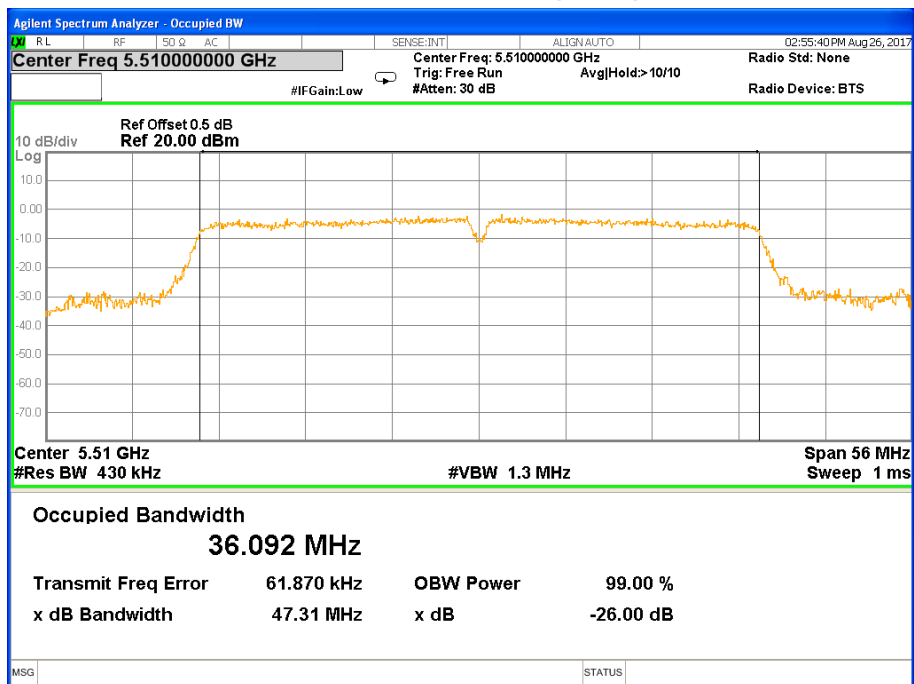
26 dB &99% Bandwidth 802.11ac(HT20) Channel 116



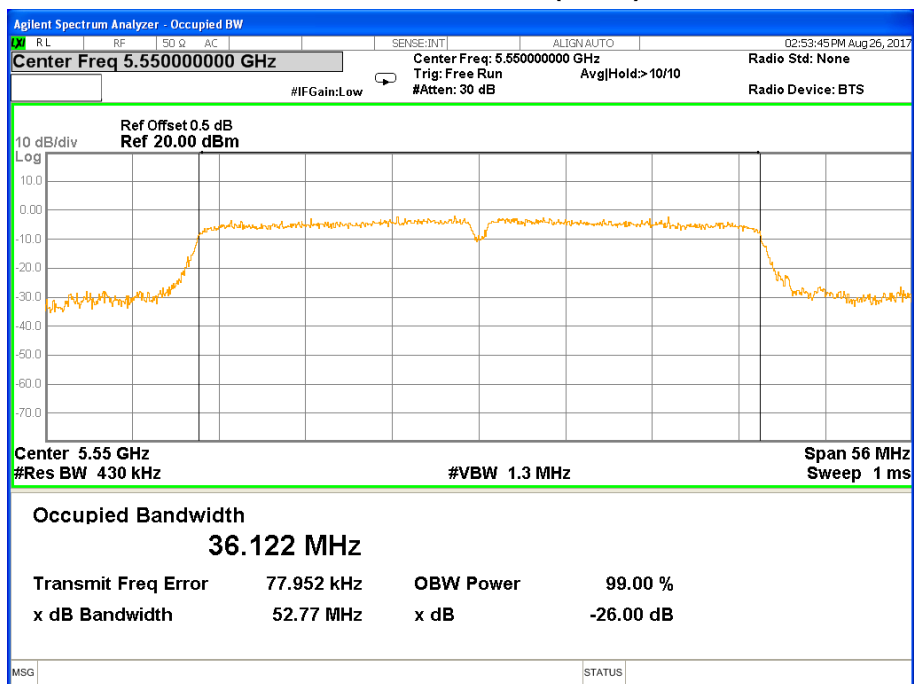
**26 dB & 99% Bandwidth 802.11ac(HT20) Channel 140**

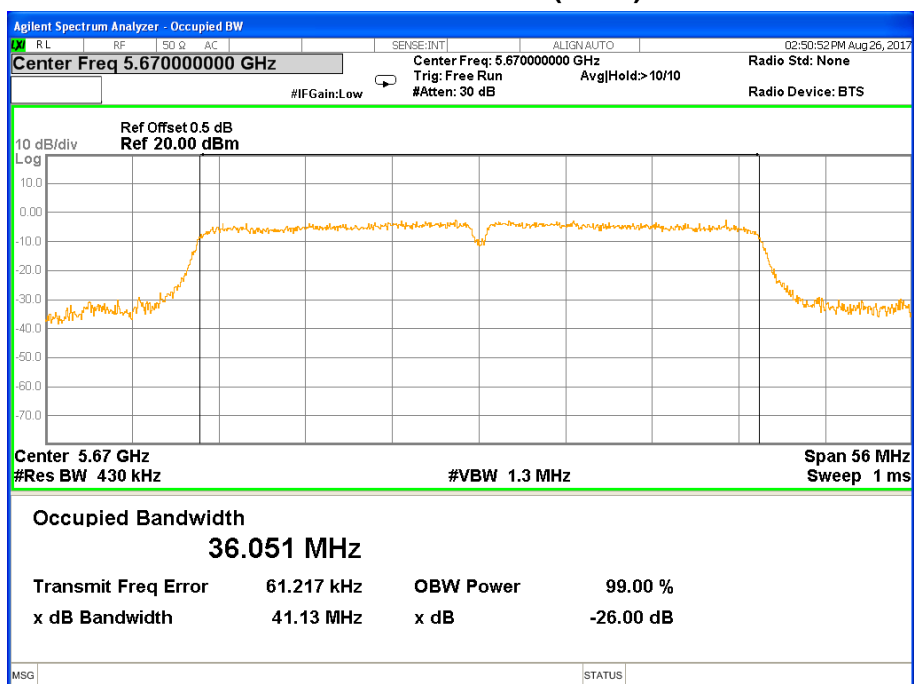


Band III (5.470-5.725GHz) 802.11ac(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT40) Channel 102



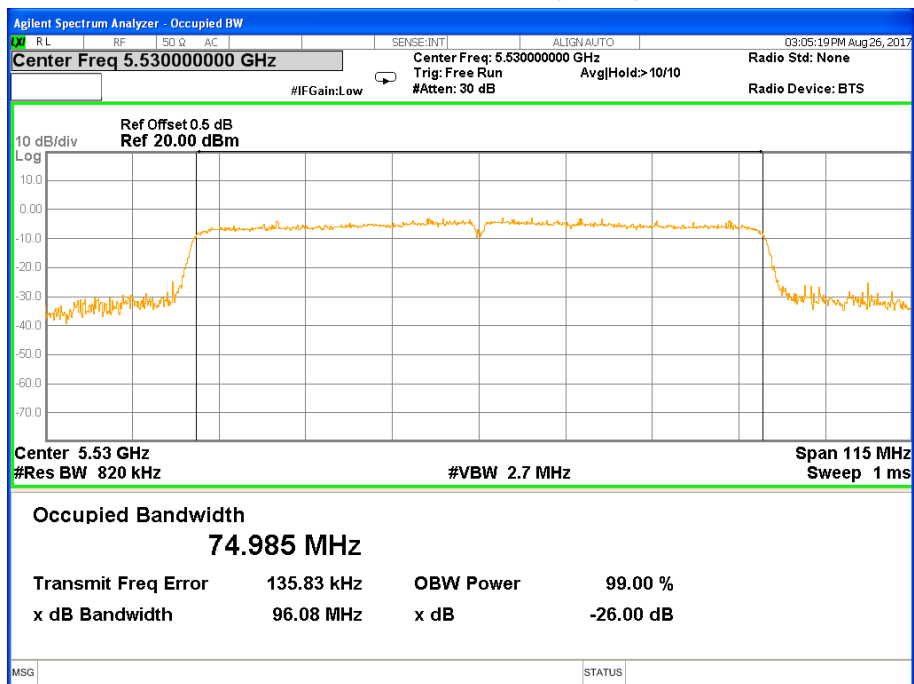
26 dB &99% Bandwidth 802.11ac(HT40) Channel 110



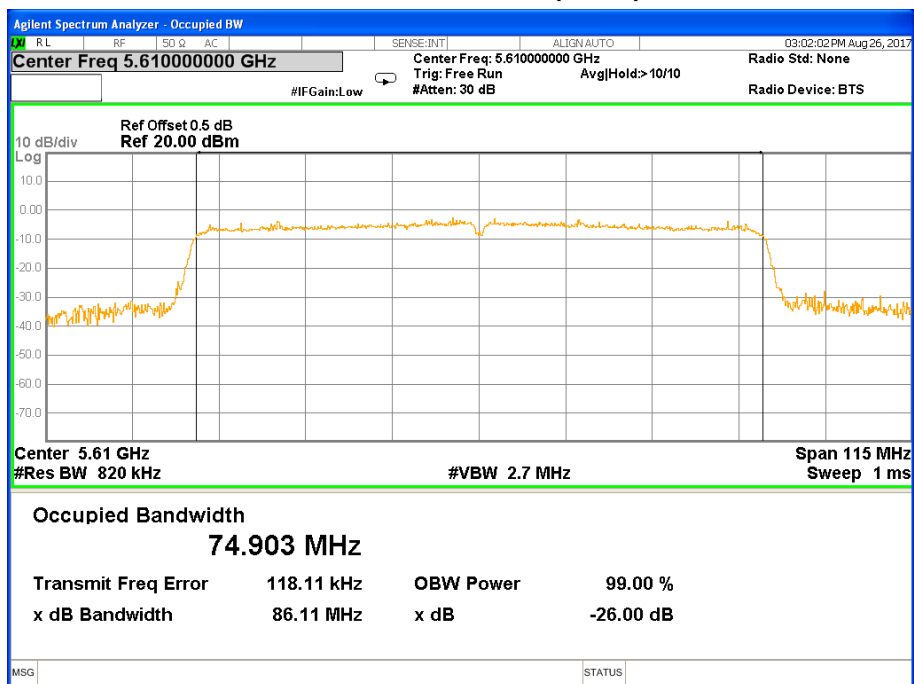
**26 dB & 99% Bandwidth 802.11ac(HT40) Channel 134**



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

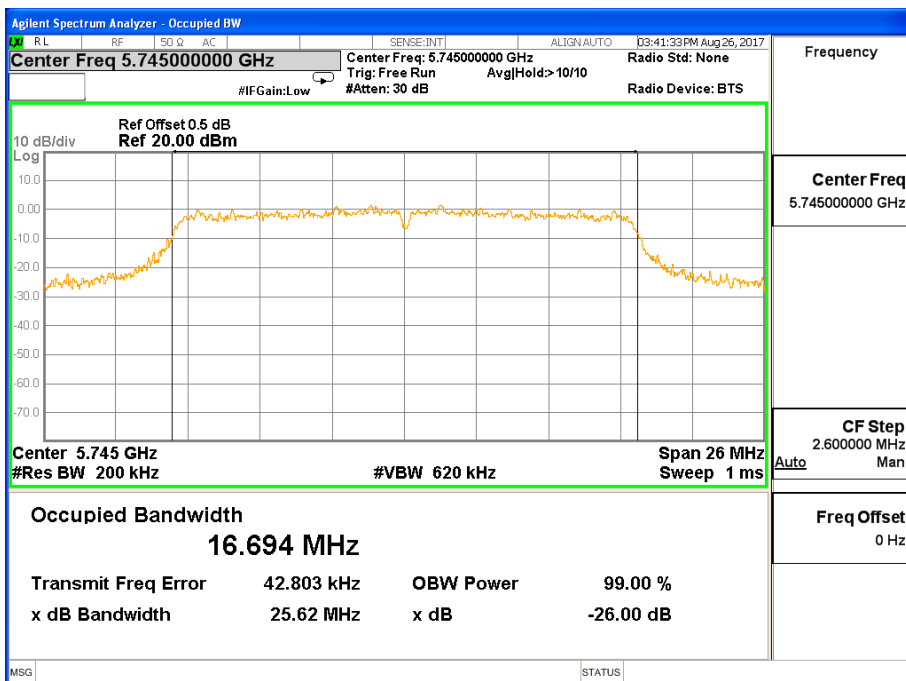




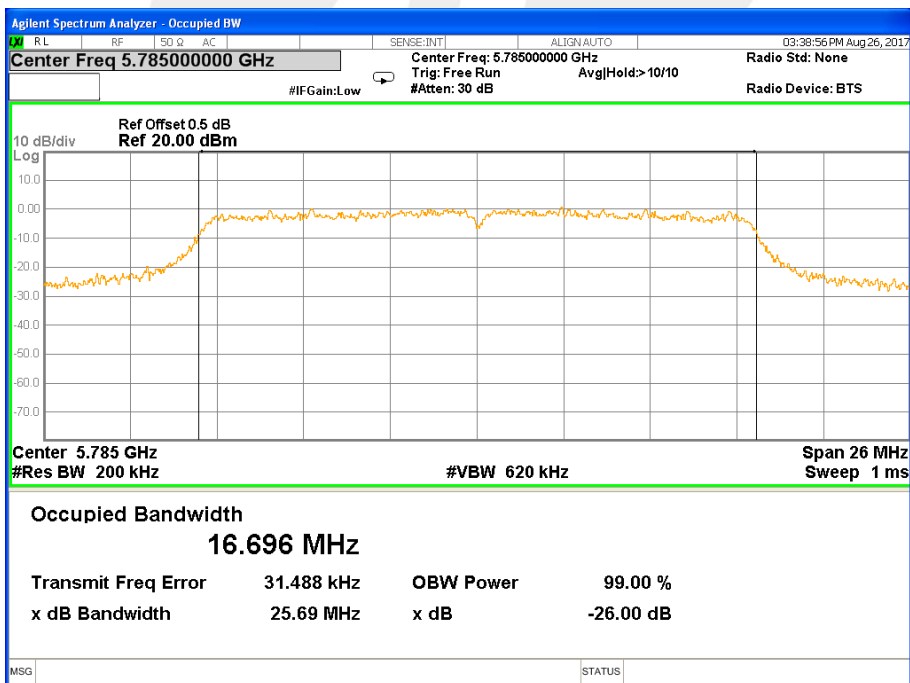
Antenna A

Band IV (5.725-5.850GHz) 802.11a, 26 dB & 99% Bandwidth

26 dB & 99% Bandwidth 802.11a Channel 149

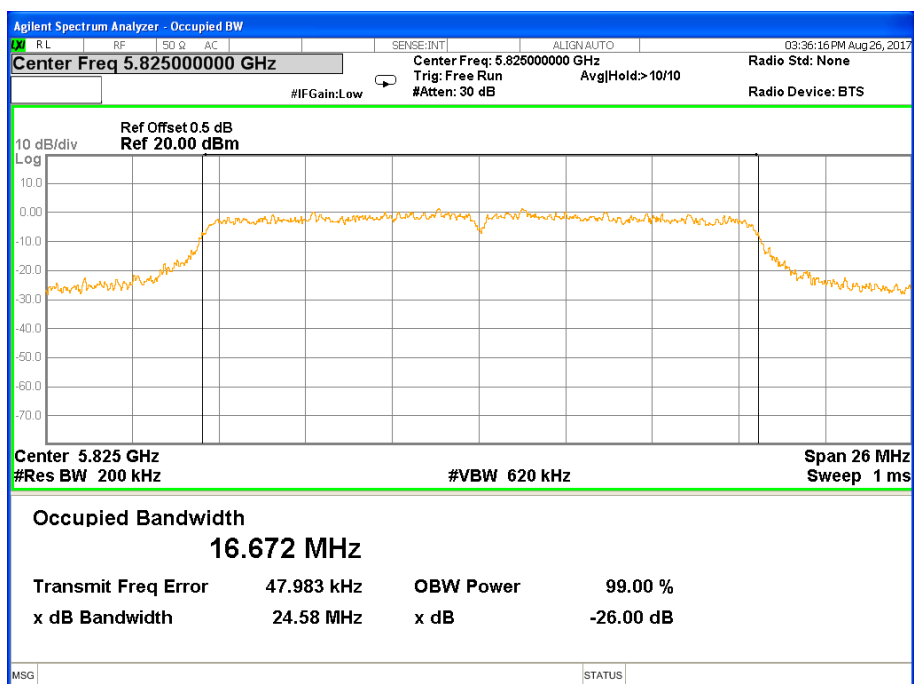


26 dB & 99% Bandwidth 802.11a Channel 157



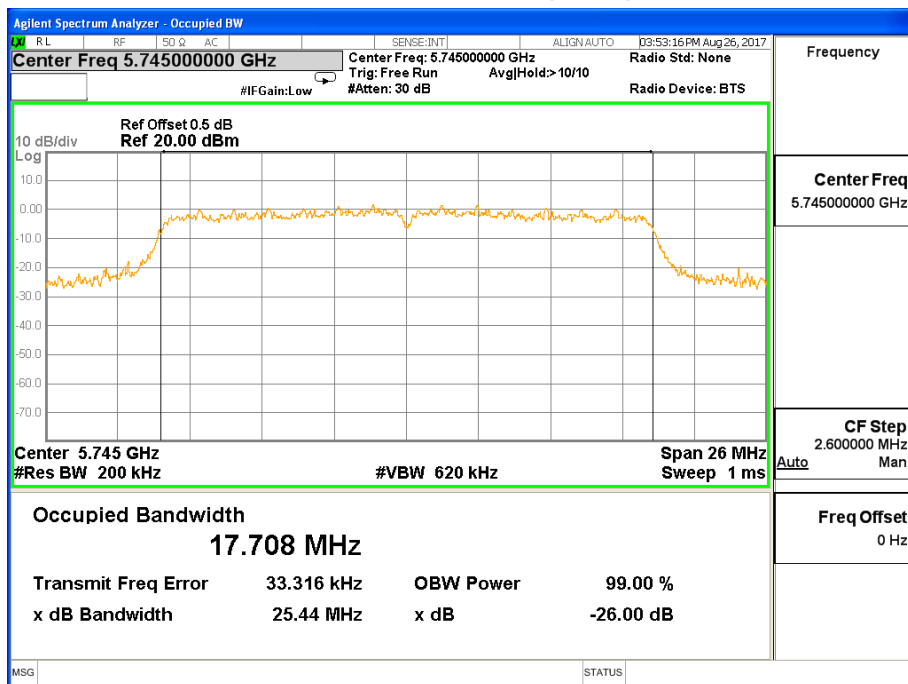


26 dB & 99% Bandwidth 802.11a Channel 165

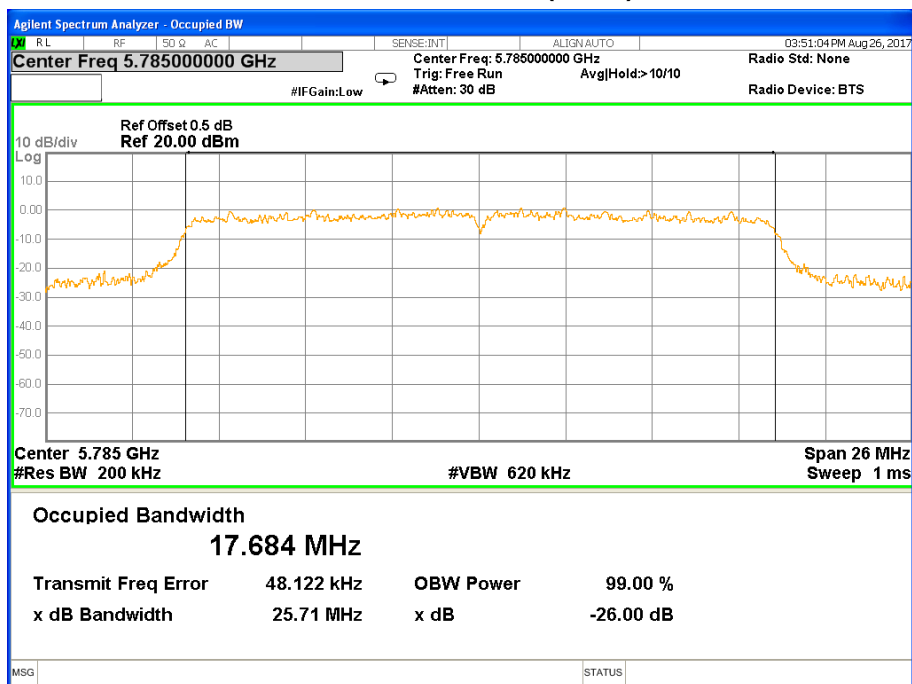




Band IV (5.725-5.850GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 149

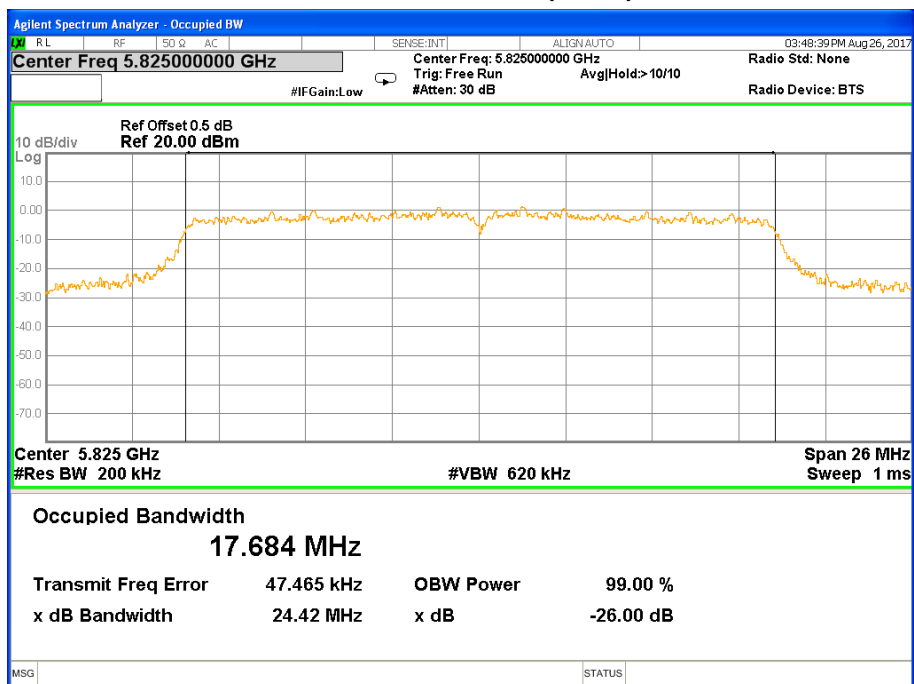


26 dB &99% Bandwidth 802.11n(HT20) Channel 157



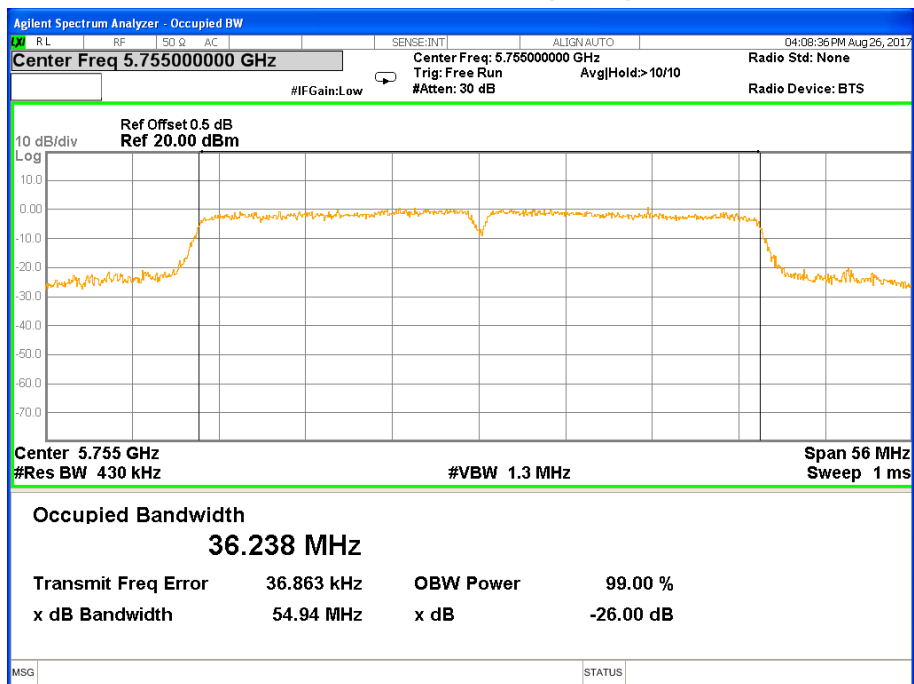


26 dB & 99% Bandwidth 802.11n(HT20) Channel 165

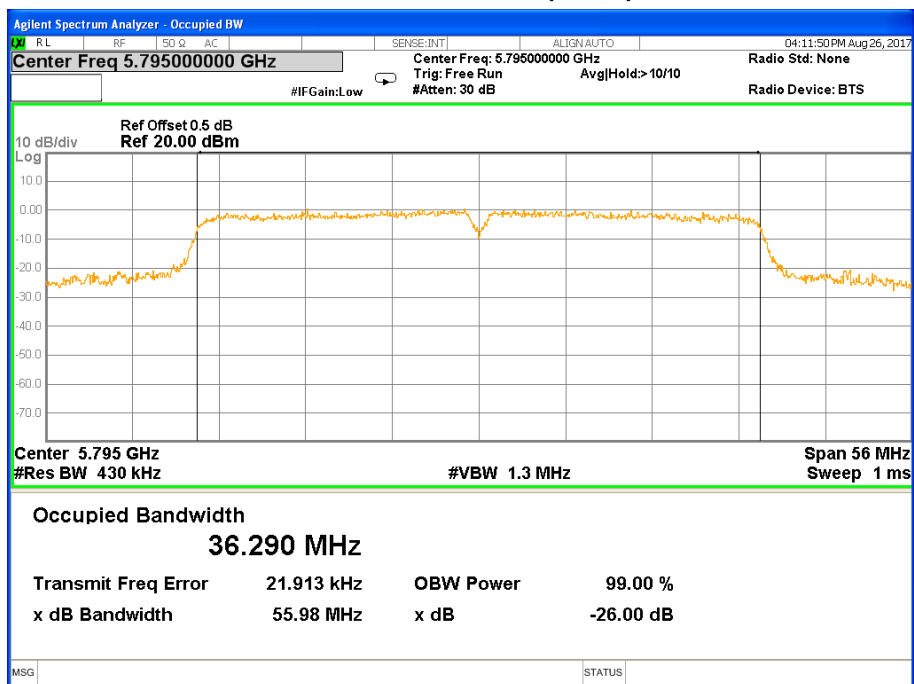




Band IV (5.725-5.850GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT40) Channel 151

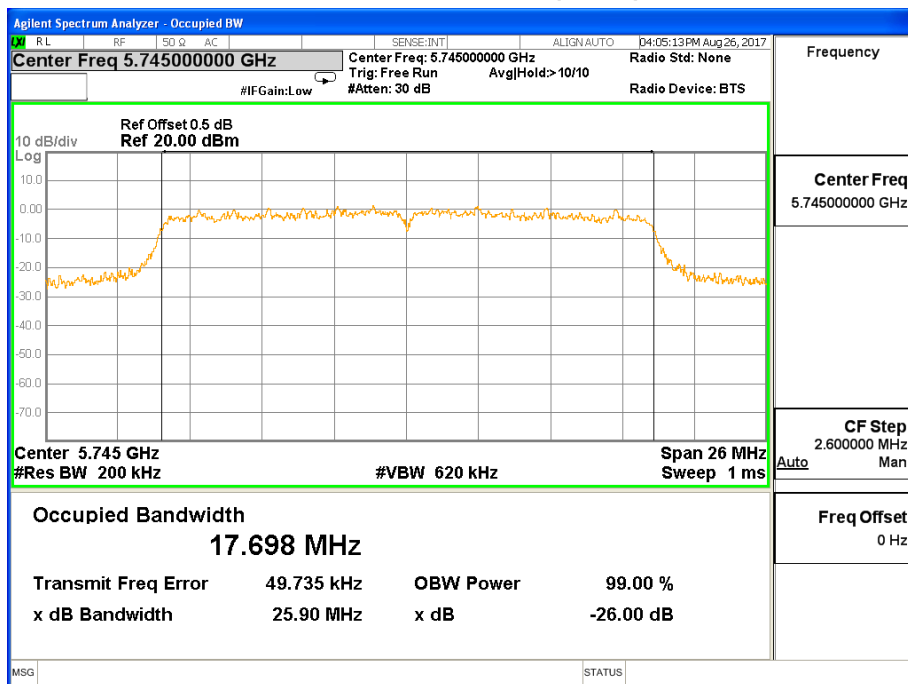


26 dB &99% Bandwidth 802.11n(HT40) Channel 159

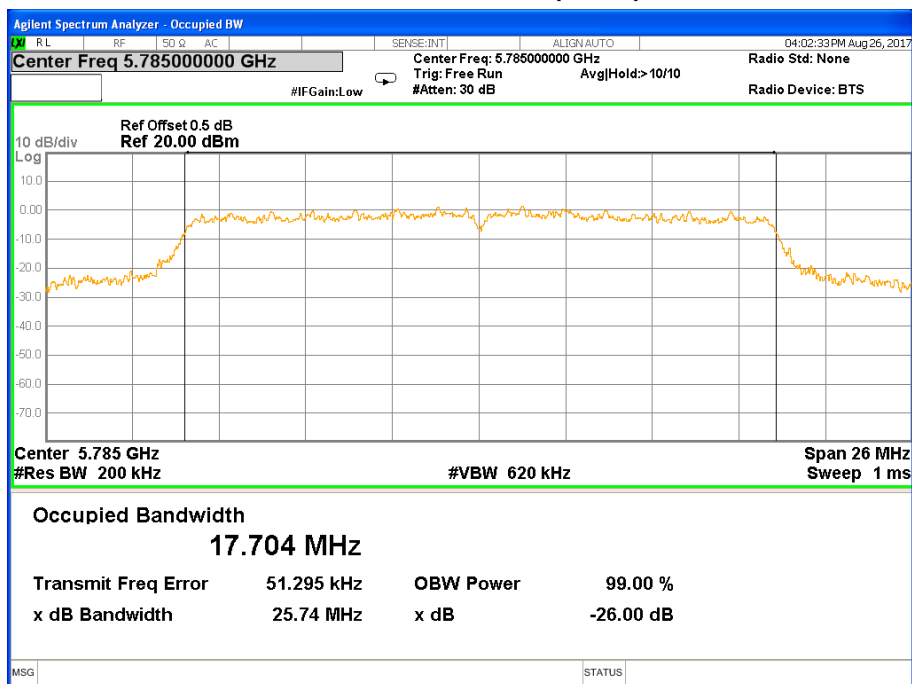


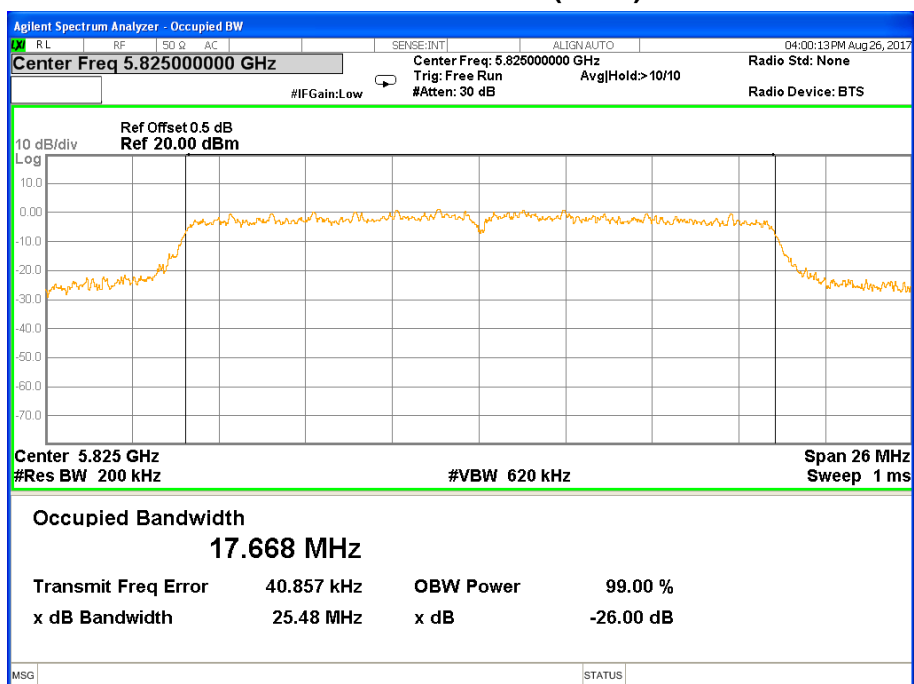


Band IV (5.725-5.850GHz) 802.11ac(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT20) Channel 149



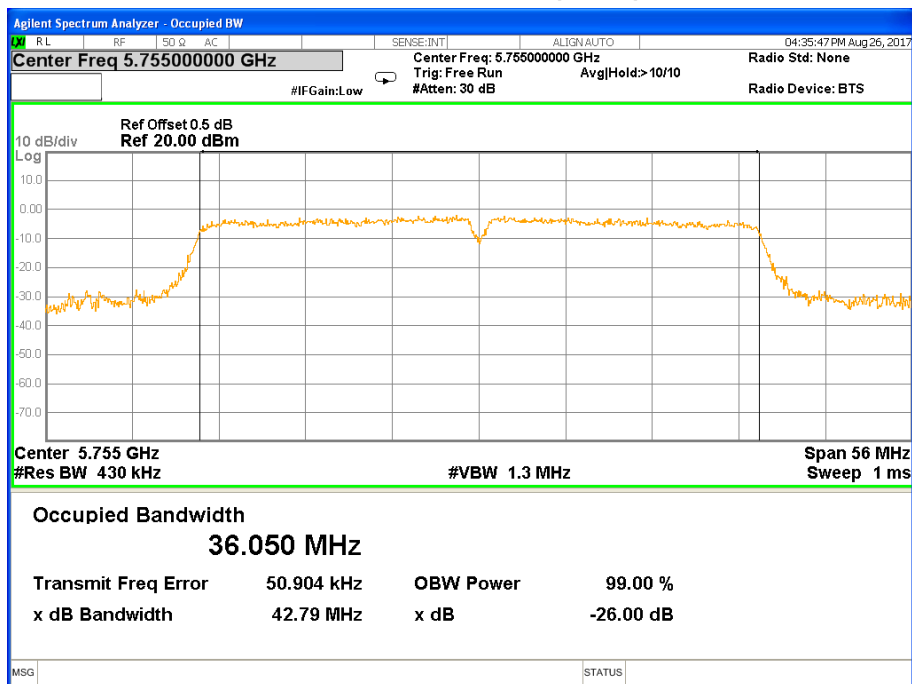
26 dB &99% Bandwidth 802.11ac(HT20) Channel 157



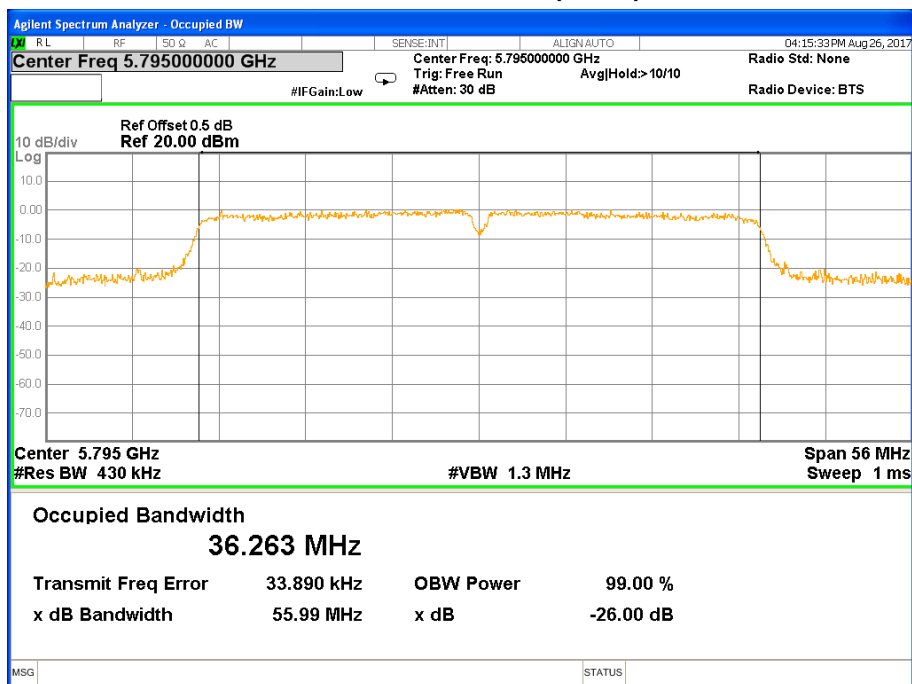
**26 dB & 99% Bandwidth 802.11ac(HT20) Channel 165**



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

