

**26dB& 99% 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)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	21.13	21.34	Pass
5200	21.35	21.41	Pass
5240	21.55	21.62	Pass

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	21.45	21.59	Pass
5200	21.58	21.64	Pass
5240	21.55	21.60	Pass

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	40.06	40.14	Pass
5230	40.10	40.14	Pass

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	21.33	21.45	Pass
5200	21.42	21.50	Pass
5240	21.58	21.67	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	39.92	40.02	Pass
5230	39.83	40.10	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	81.33	81.48	Pass

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

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5260	20.30	20.33	Pass
5300	20.28	20.30	Pass
5320	20.26	20.30	Pass

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	20.35	20.45	Pass
5300	20.62	20.70	Pass
5320	20.58	20.64	Pass

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	40.33	40.37	Pass
5310	40.40	40.47	Pass

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	20.48	20.50	Pass
5300	20.31	20.38	Pass
5320	20.46	20.50	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	40.76	40.85	Pass
5310	40.70	40.83	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	80.06	80.26	Pass

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

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	20.08	20.47	Pass
5580	20.05	20.14	Pass
5700	20.28	20.38	Pass

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	20.07	20.36	Pass
5580	20.59	20.62	Pass
5700	20.61	20.63	Pass

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	39.82	40.10	Pass
5550	39.85	39.92	Pass
5670	39.87	39.94	Pass

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	20.27	20.45	Pass
5580	20.19	20.47	Pass
5700	20.55	20.64	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	39.87	39.98	Pass
5550	39.86	39.99	Pass
5670	39.68	39.93	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	80.10	80.19	Pass
5610	80.46	80.62	Pass

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

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	20.26	20.36	Pass
5785	20.15	20.38	Pass
5825	20.33	20.53	Pass

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	20.45	20.53	Pass
5785	20.48	20.57	Pass
5825	20.47	20.50	Pass

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	39.72	39.96	Pass
5795	40.00	40.30	Pass

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	20.50	20.55	Pass
5785	20.51	20.58	Pass
5825	20.59	20.67	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	39.80	39.95	Pass
5795	39.69	39.97	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	80.36	80.64	Pass

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

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	16.730	16.744	Pass
5200	16.742	16.751	Pass
5240	16.776	16.791	Pass

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	17.853	17.866	Pass
5200	17.849	17.866	Pass
5240	17.905	17.915	Pass

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	36.308	36.329	Pass
5230	36.335	36.347	Pass

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	17.863	17.874	Pass
5200	17.882	17.894	Pass
5240	17.905	17.916	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	36.309	36.316	Pass
5230	36.331	36.346	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	75.930	75.945	Pass

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	16.712	16.724	Pass
5300	16.753	16.760	Pass
5320	16.727	16.739	Pass

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	17.863	17.878	Pass
5300	17.873	17.889	Pass
5320	17.865	17.870	Pass

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	36.386	36.398	Pass
5310	36.375	36.381	Pass

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	17.843	17.852	Pass
5300	17.865	17.874	Pass
5320	17.846	17.856	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	36.365	36.378	Pass
5310	36.331	36.342	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	76.005	76.014	Pass

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	16.753	16.784	Pass
5580	16.706	16.722	Pass
5700	16.711	16.716	Pass

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	17.852	17.858	Pass
5580	17.860	17.862	Pass
5700	17.871	17.875	Pass

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	36.316	36.328	Pass
5550	36.300	36.303	Pass
5670	36.302	36.310	Pass

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	17.870	17.877	Pass
5580	17.853	17.860	Pass
5700	17.862	17.868	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	36.330	36.333	Pass
5550	36.351	36.357	Pass
5670	36.332	36.337	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	75.753	75.759	Pass
5610	75.959	75.965	Pass

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	16.429	16.698	Pass
5785	16.594	16.718	Pass
5825	16.521	16.733	Pass

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	17.653	17.869	Pass
5785	17.769	17.877	Pass
5825	17.813	17.871	Pass

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	36.261	36.299	Pass
5795	36.234	36.319	Pass

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	17.637	17.880	Pass
5785	17.723	17.866	Pass
5825	17.828	17.868	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	36.107	36.337	Pass
5795	36.277	36.332	Pass

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

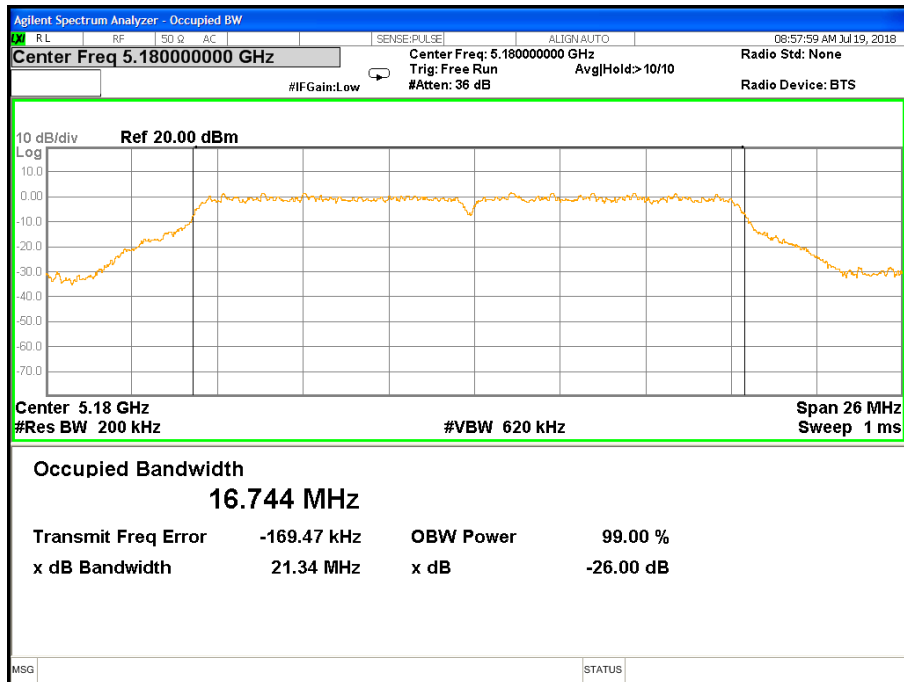
Frequency (MHz)	802.11ac(HT80) 99% Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5775	75.840	75.846	Pass

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

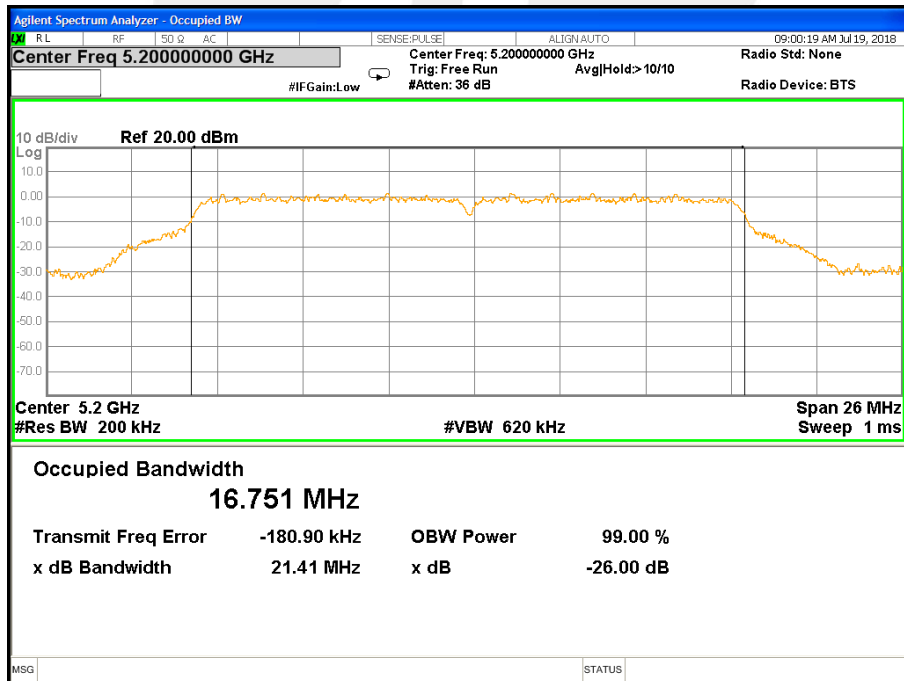


Antenna B

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

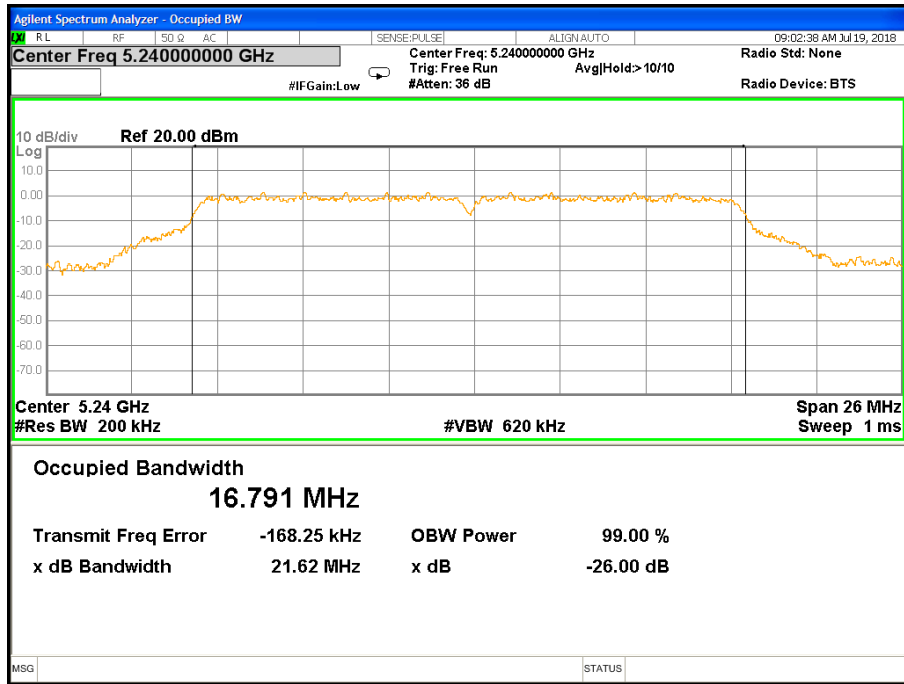


26 dB &99% Bandwidth 802.11a Channel 40



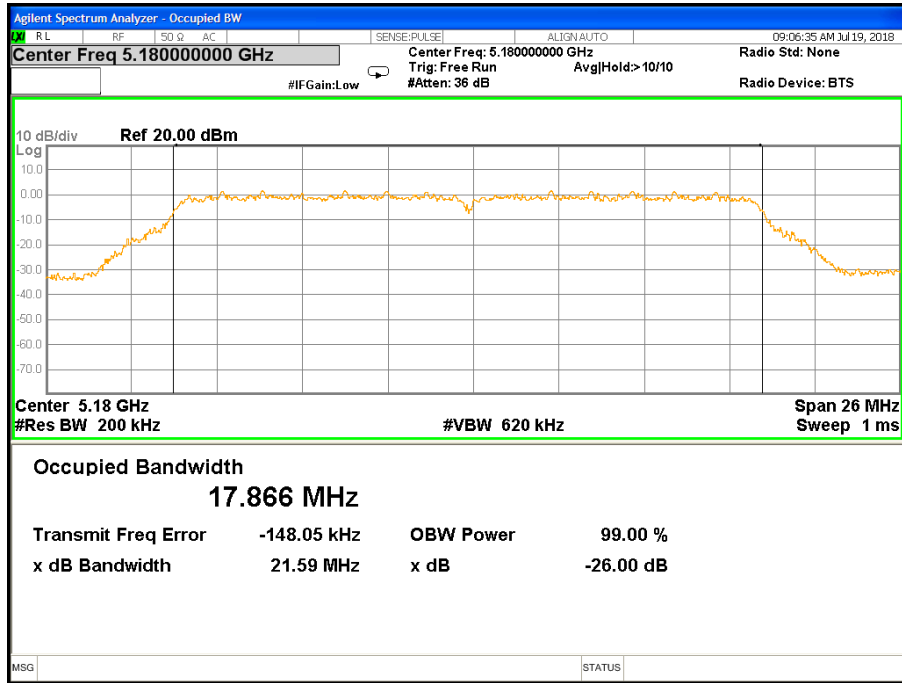


26 dB & 99% Bandwidth 802.11a Channel 48

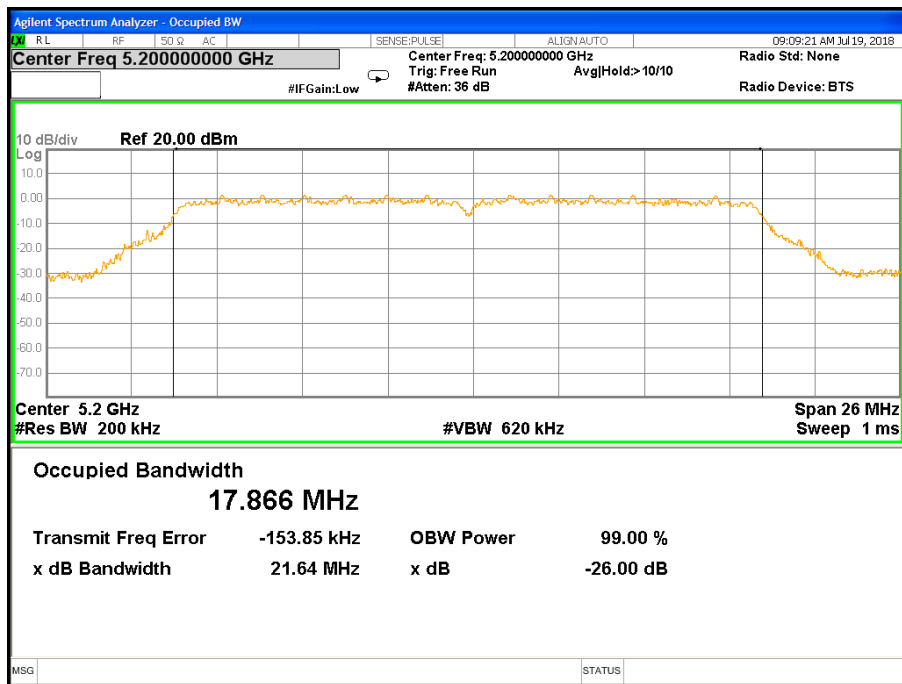




Band I (5.150-5.250GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 36

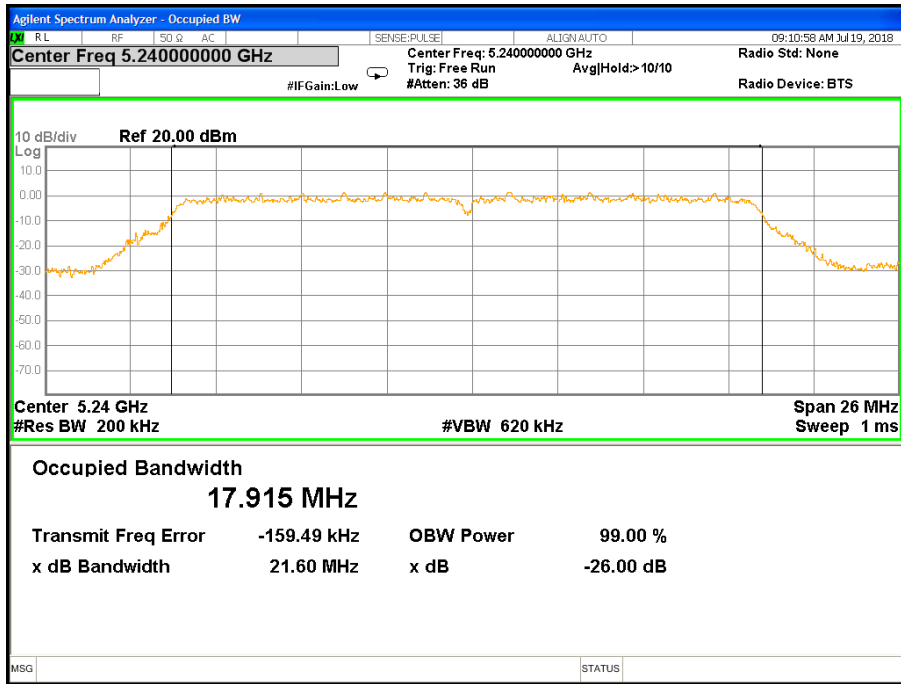


26 dB &99% Bandwidth 802.11n(HT20) Channel 40



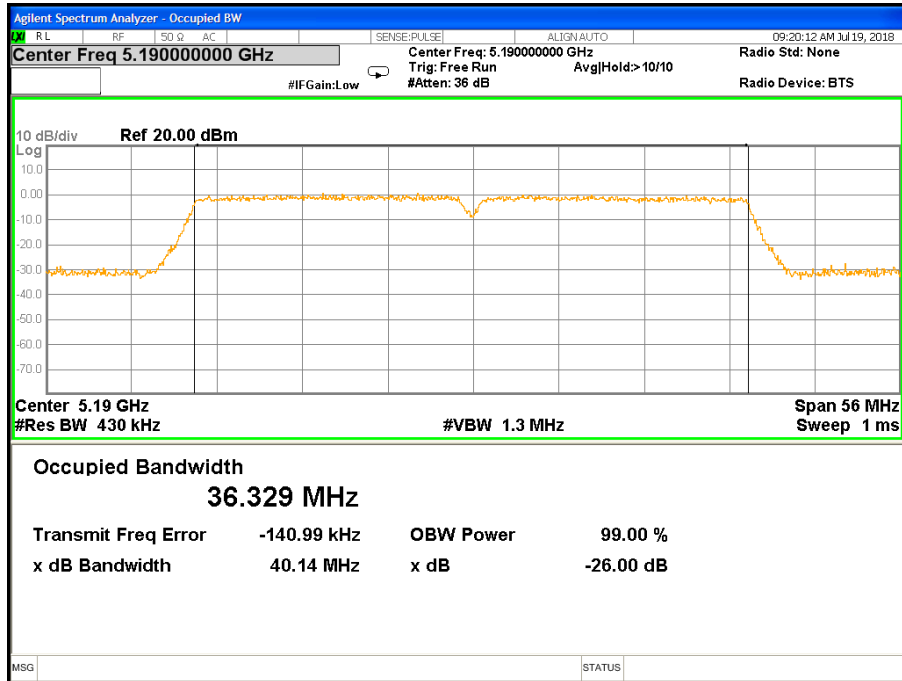


26 dB & 99% Bandwidth 802.11n(HT20) Channel 48

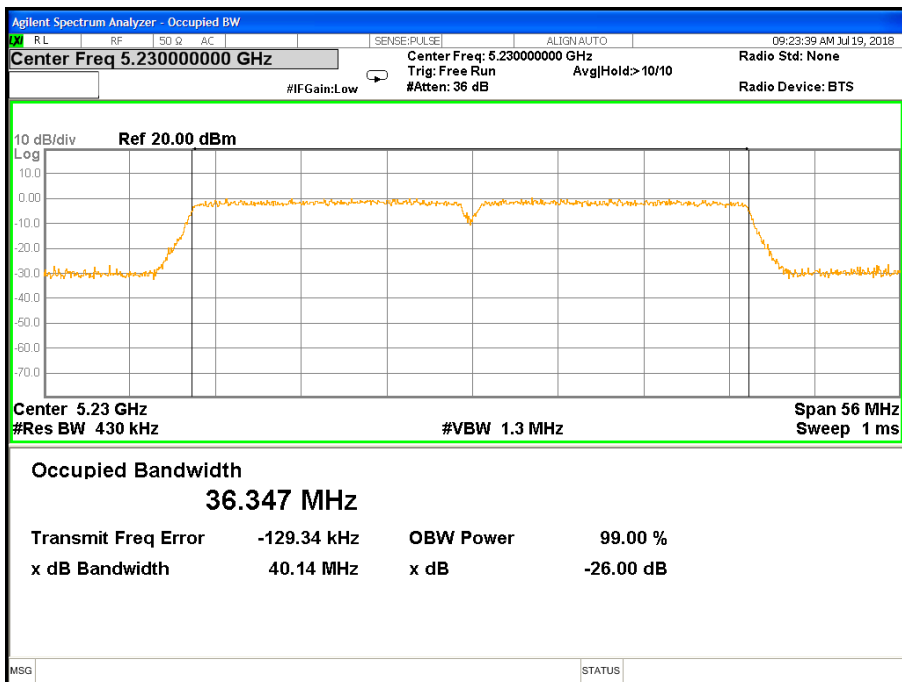




Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 38

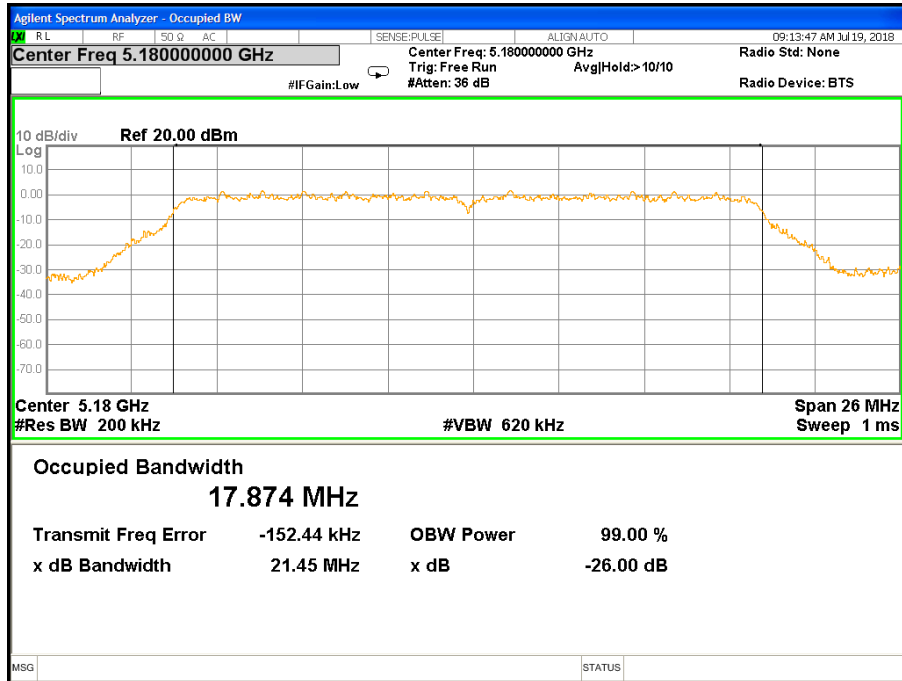


26 dB &99% Bandwidth 802.11n(HT40) Channel 46

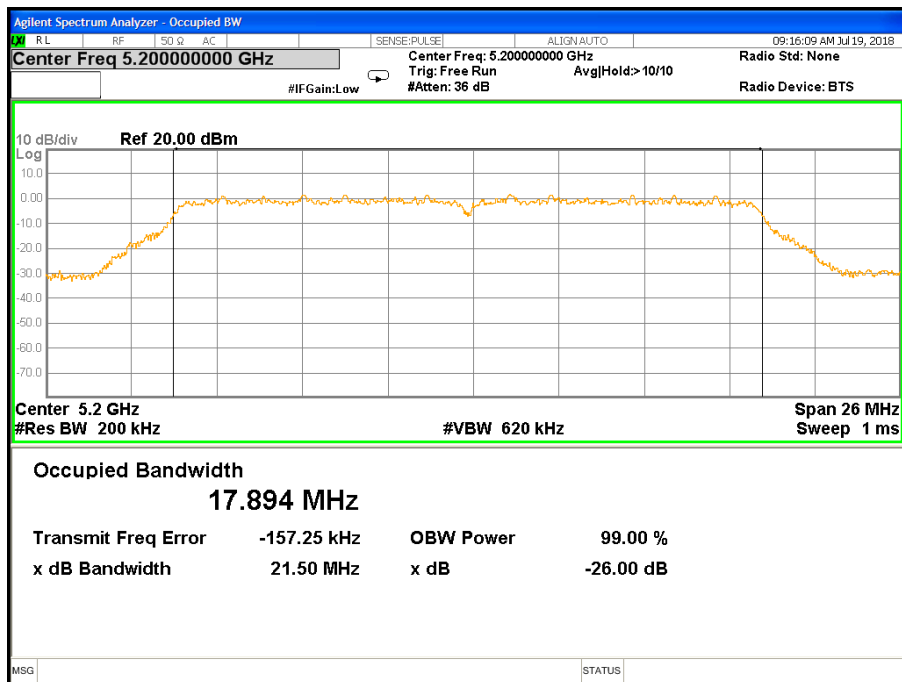




Band I (5.150-5.250GHz) 802.11ac(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT20) Channel 36

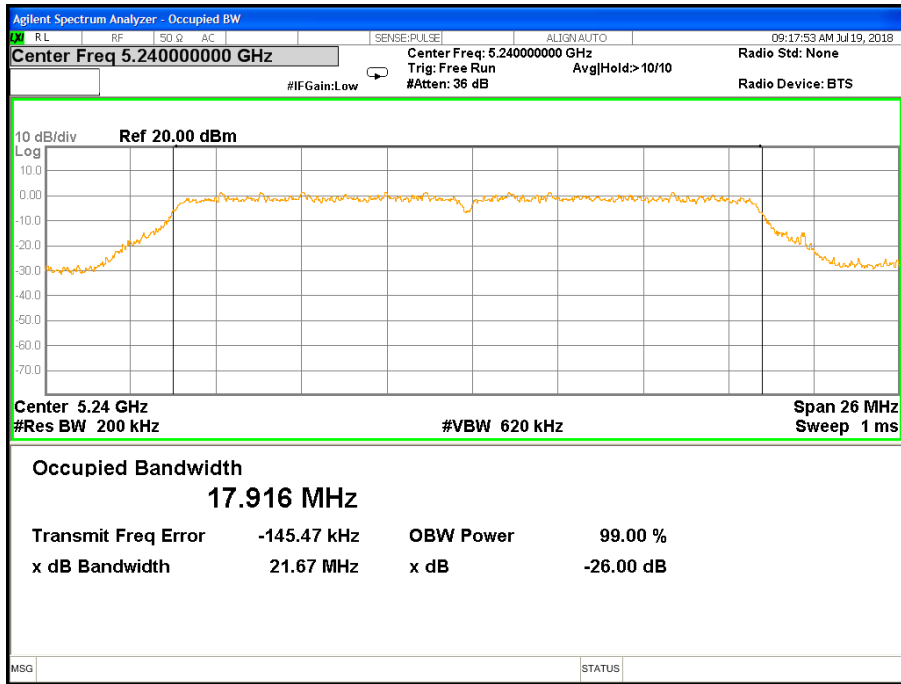


26 dB &99% Bandwidth 802.11ac(HT20) Channel 40



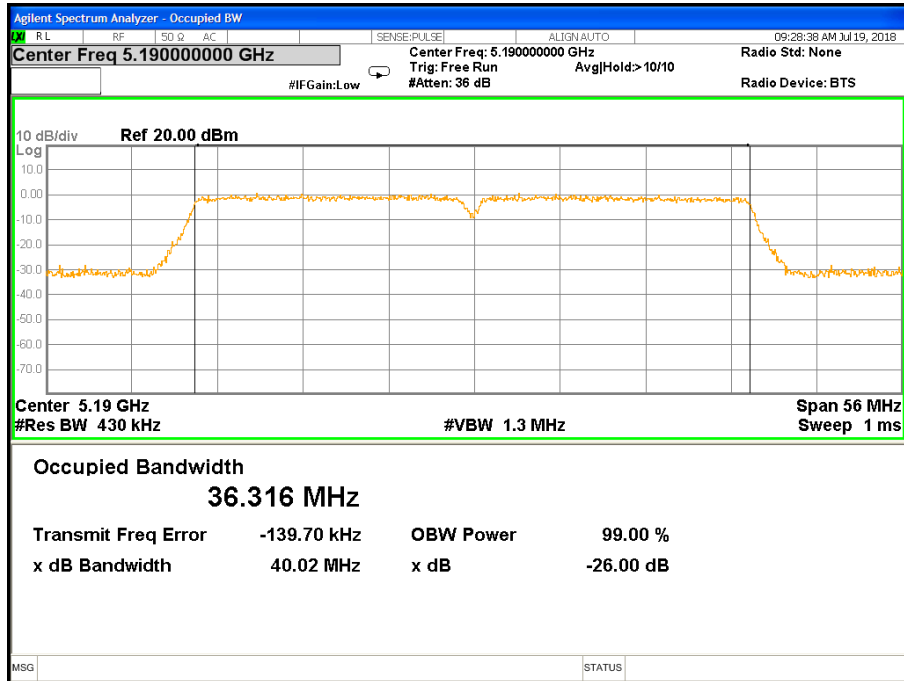


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 48

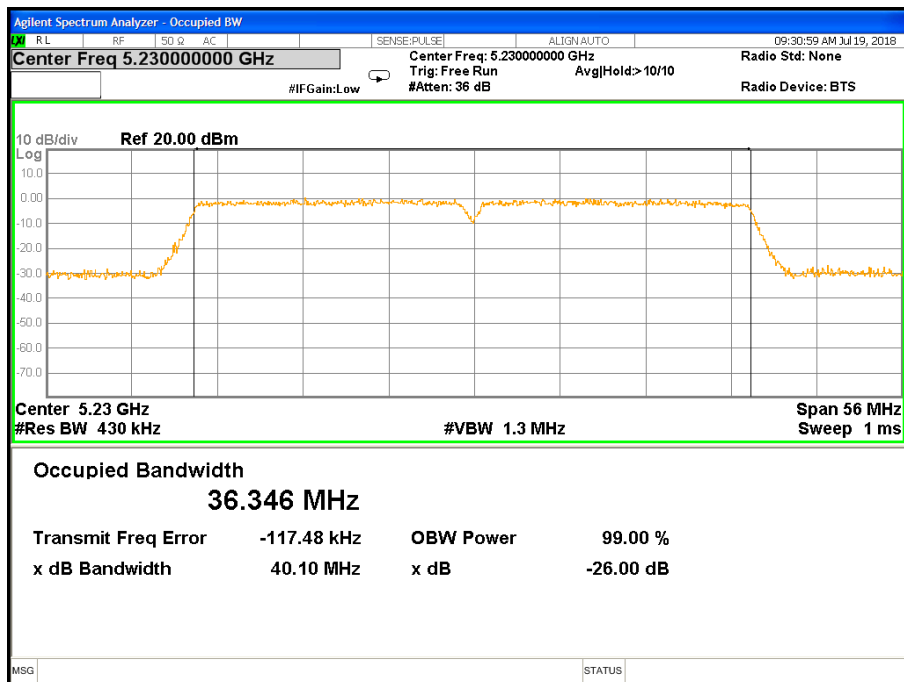




Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 38

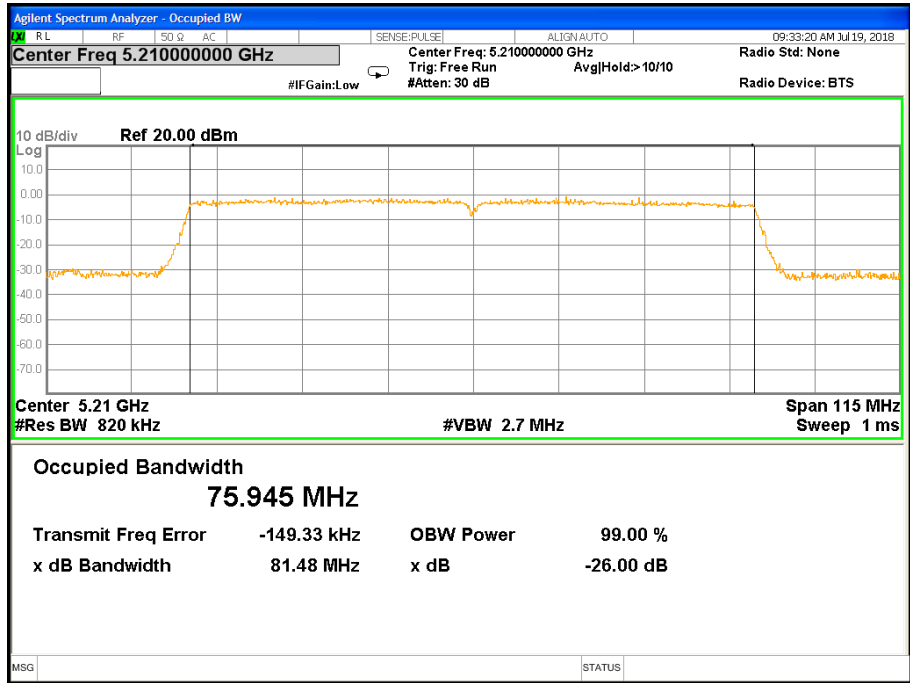


26 dB &99% Bandwidth 802.11ac(HT40) Channel 46



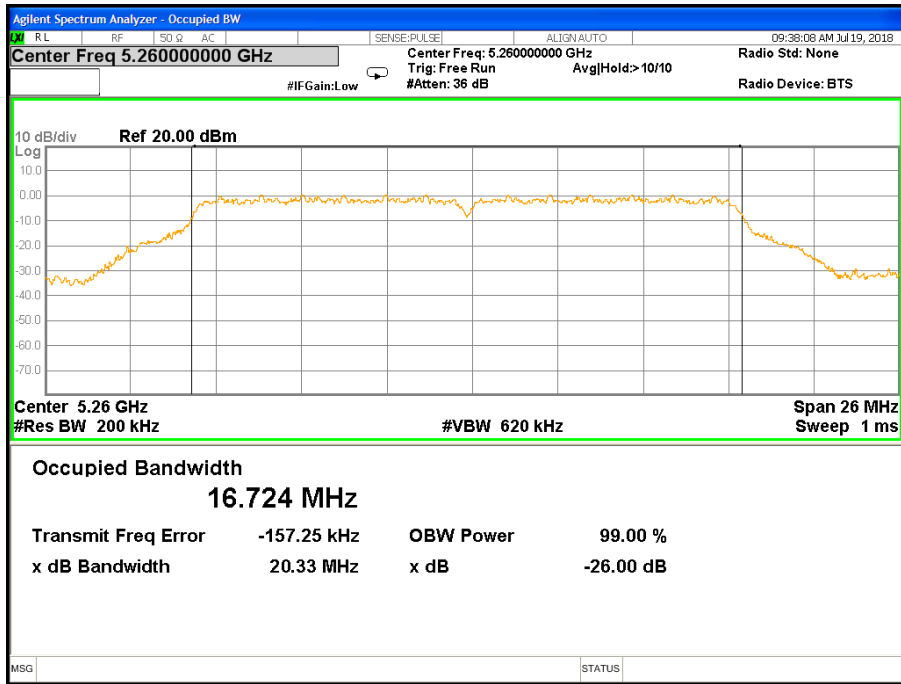


Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT80) Channel 42

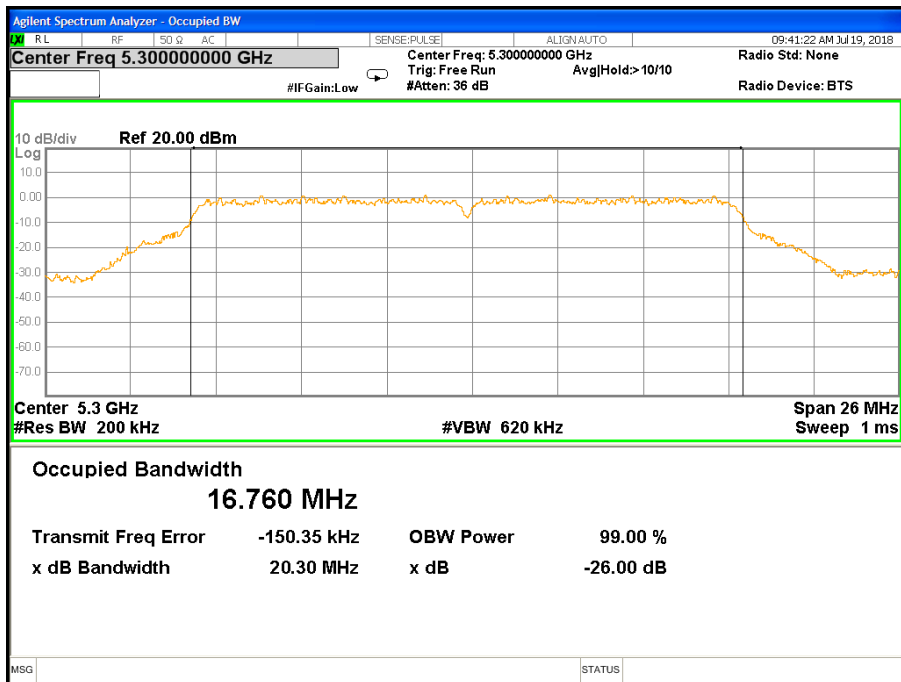




Band II (5.250-5.350GHz) 802.11a 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11a Channel 52

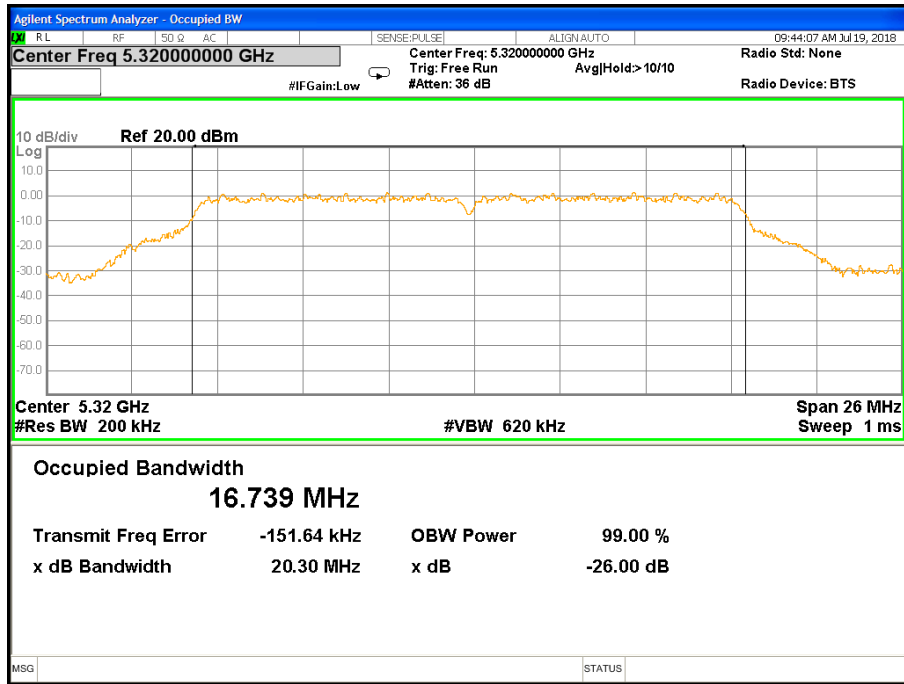


26 dB &99% Bandwidth 802.11a Channel 60



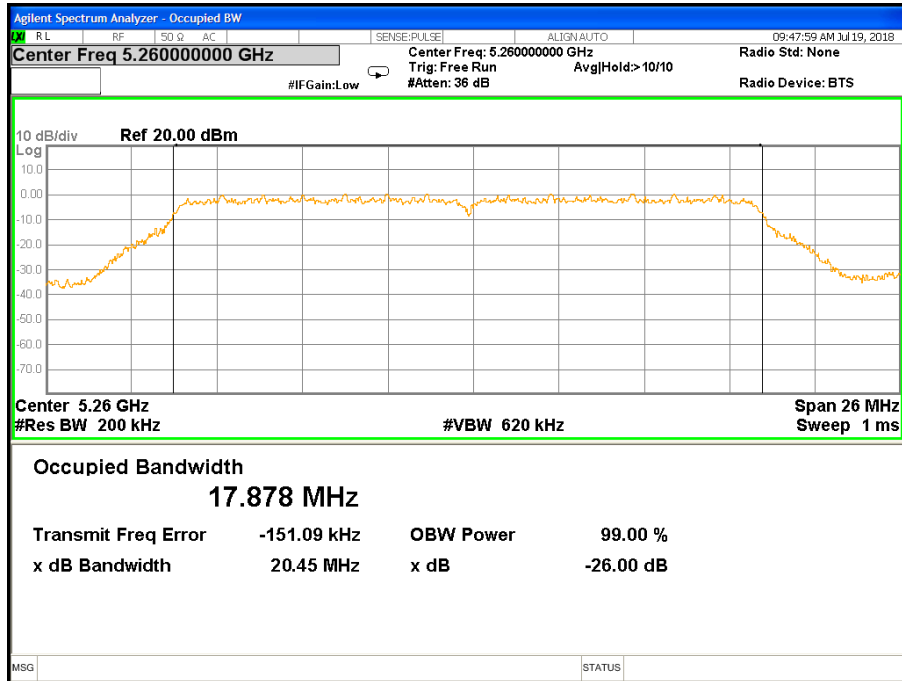


26 dB & 99% Bandwidth 802.11a Channel 64

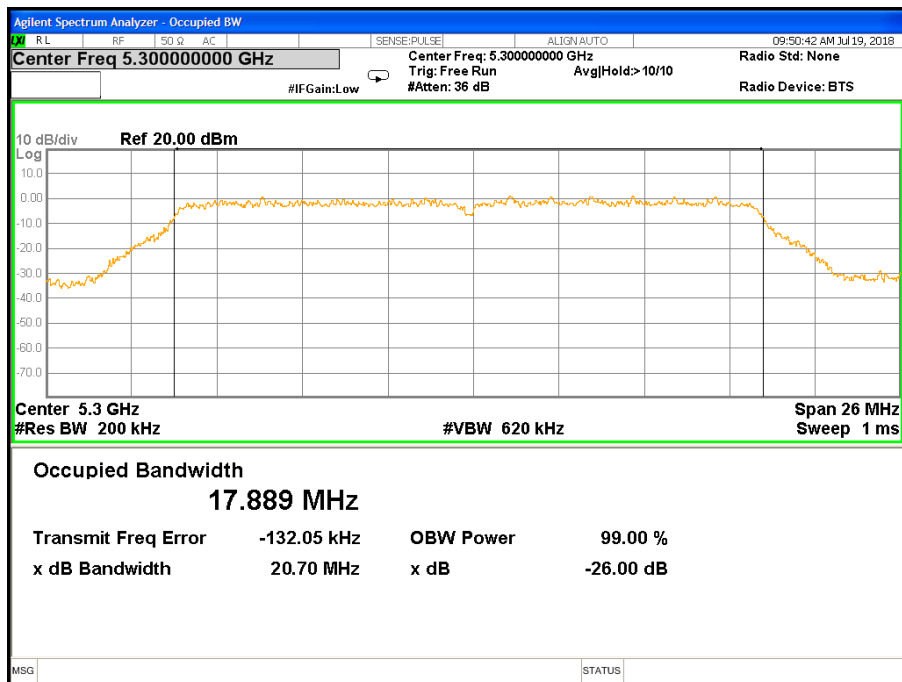




Band II (5.250-5.350GHz) 802.11n(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT20) Channel 52

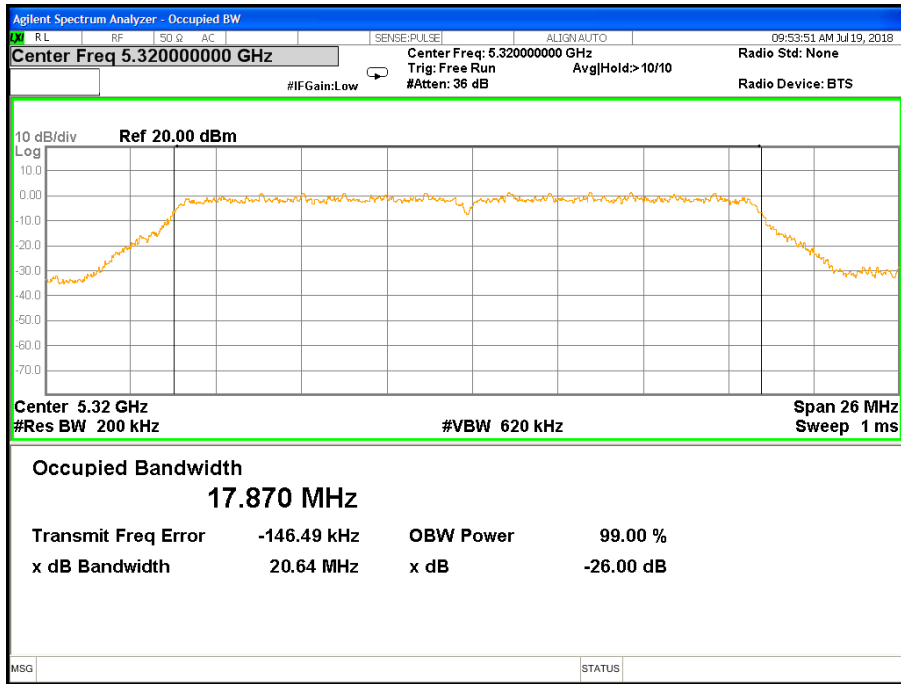


26 dB &99% Bandwidth 802.11n(HT20) Channel 60



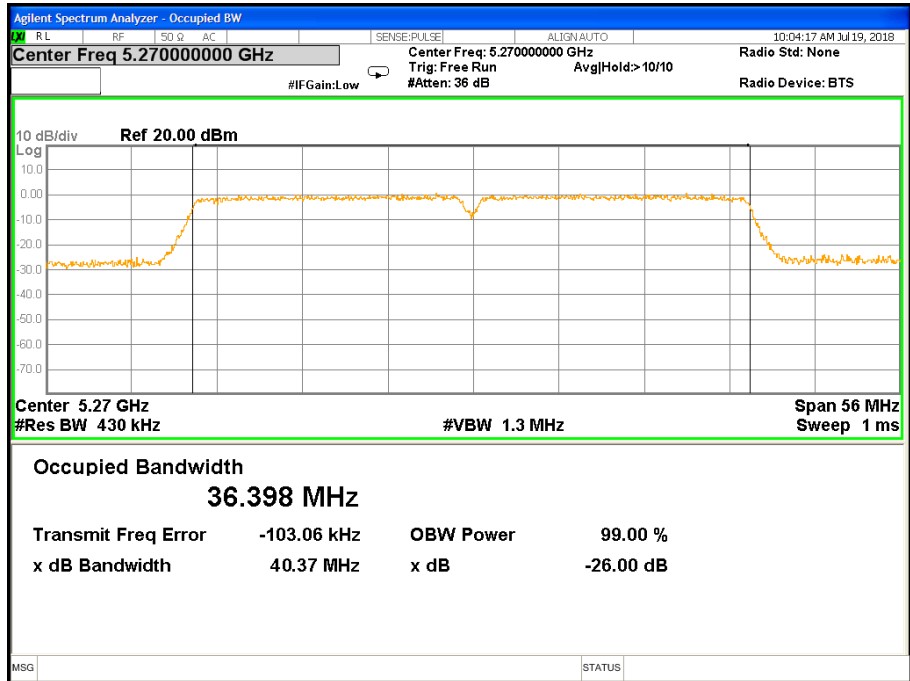


26 dB & 99% Bandwidth 802.11n(HT20) Channel 64

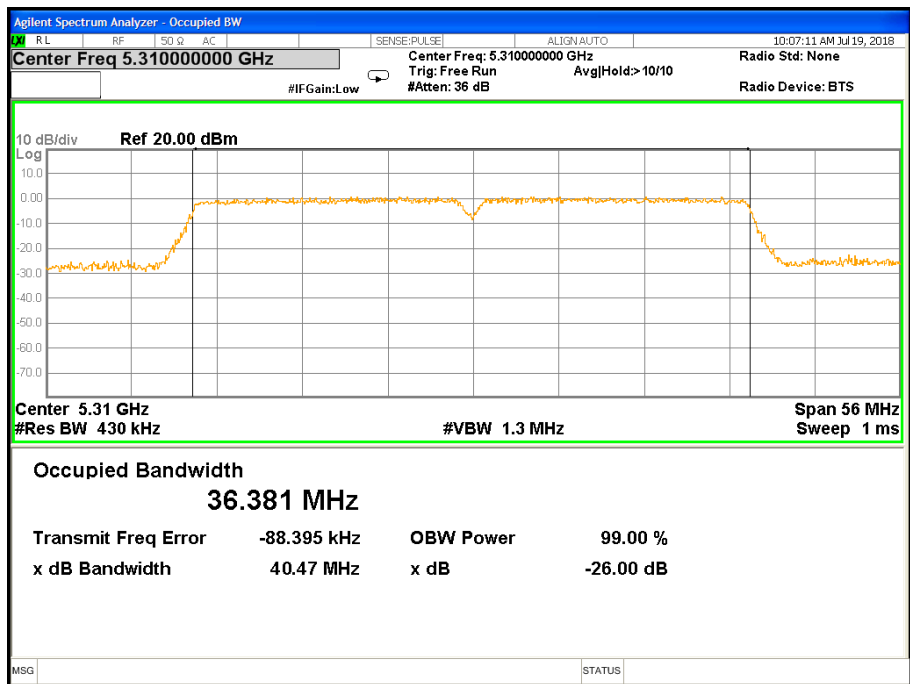




Band II (5.250-5.350GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 54

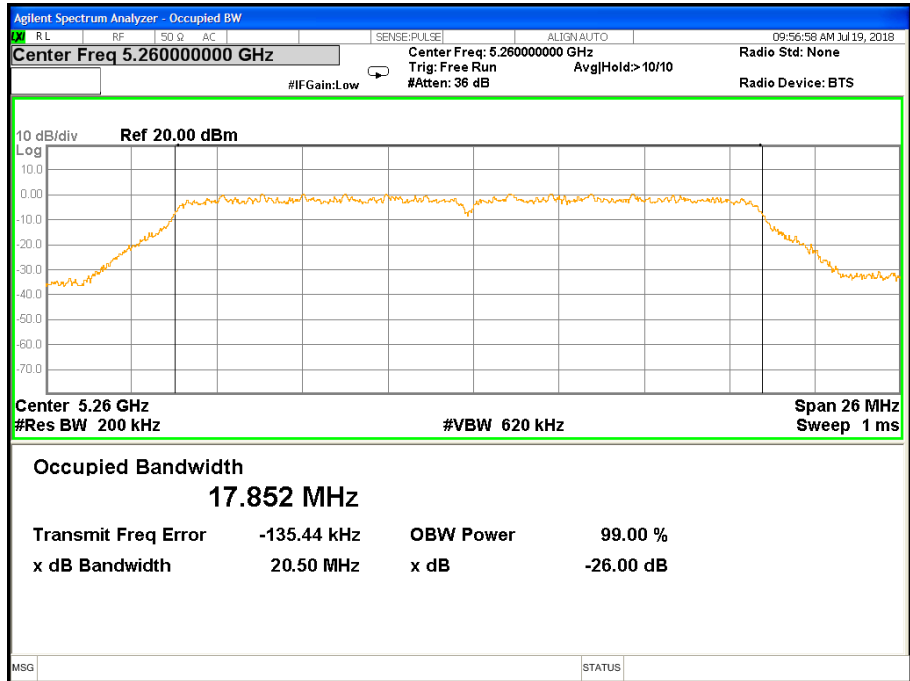


26 dB &99% Bandwidth 802.11n(HT40) Channel 62

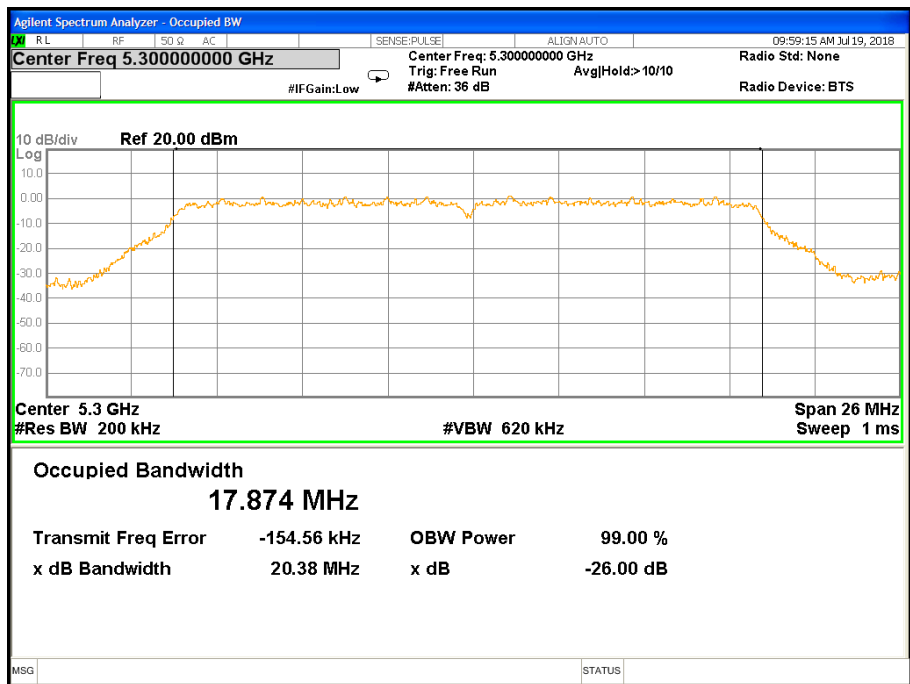




Band II (5.250-5.350GHz) 802.11ac(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT20) Channel 52

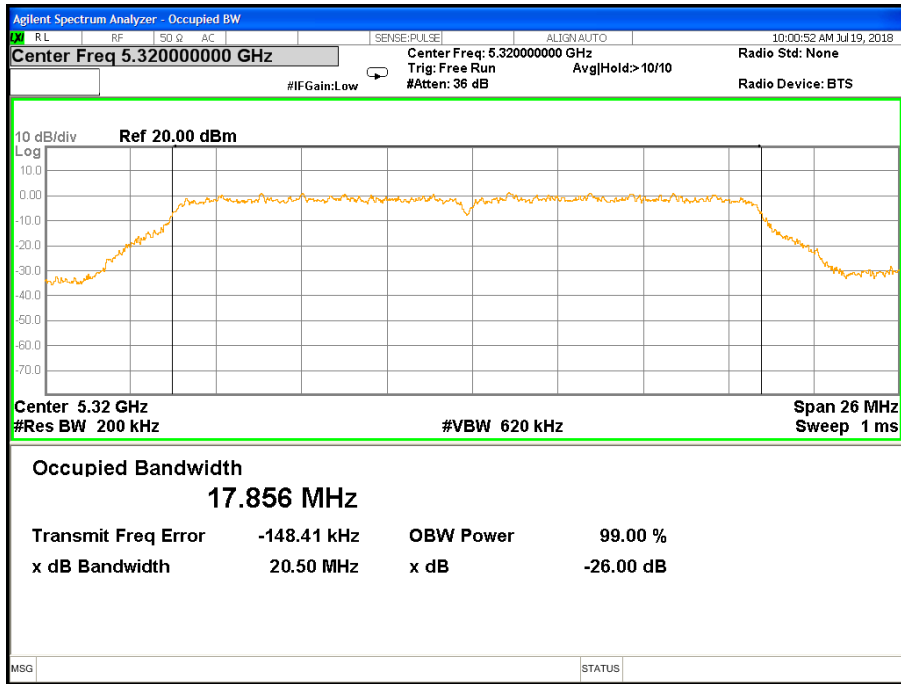


26 dB &99% Bandwidth 802.11ac(HT20) Channel 60



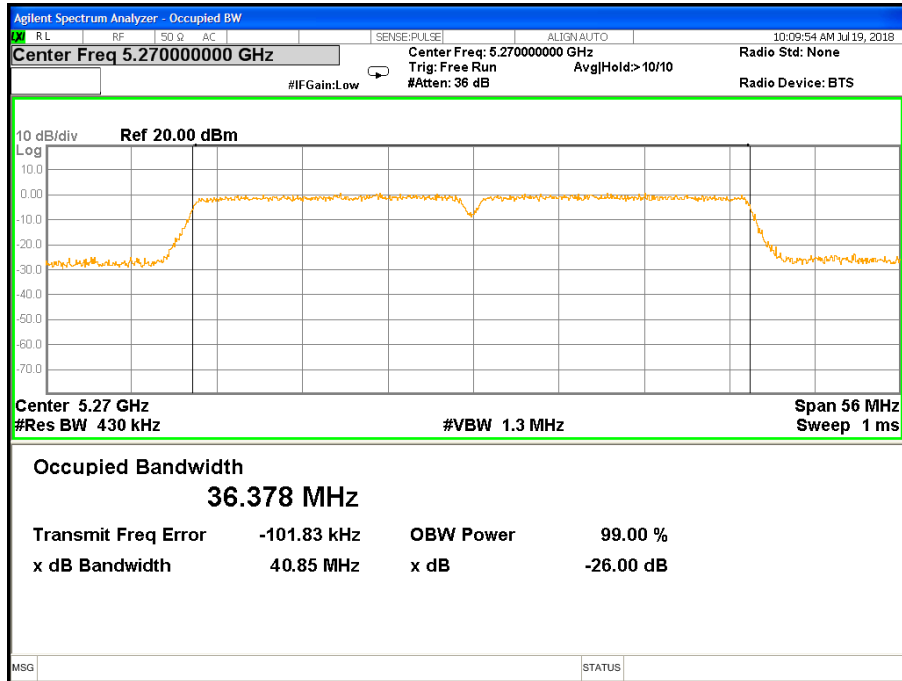


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 64

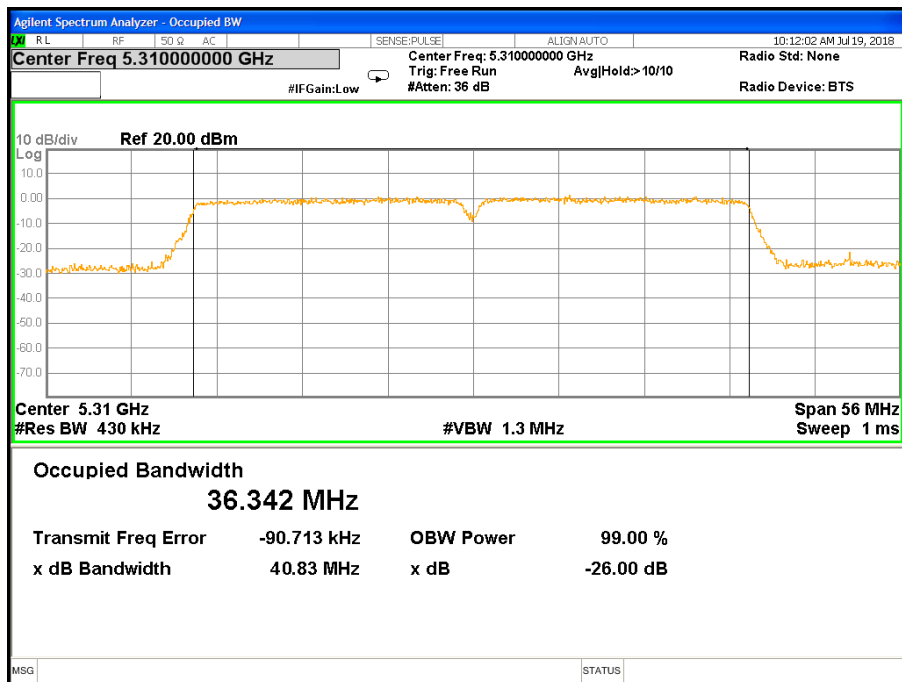




Band II (5.250-5.350GHz) 802.11ac(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 54

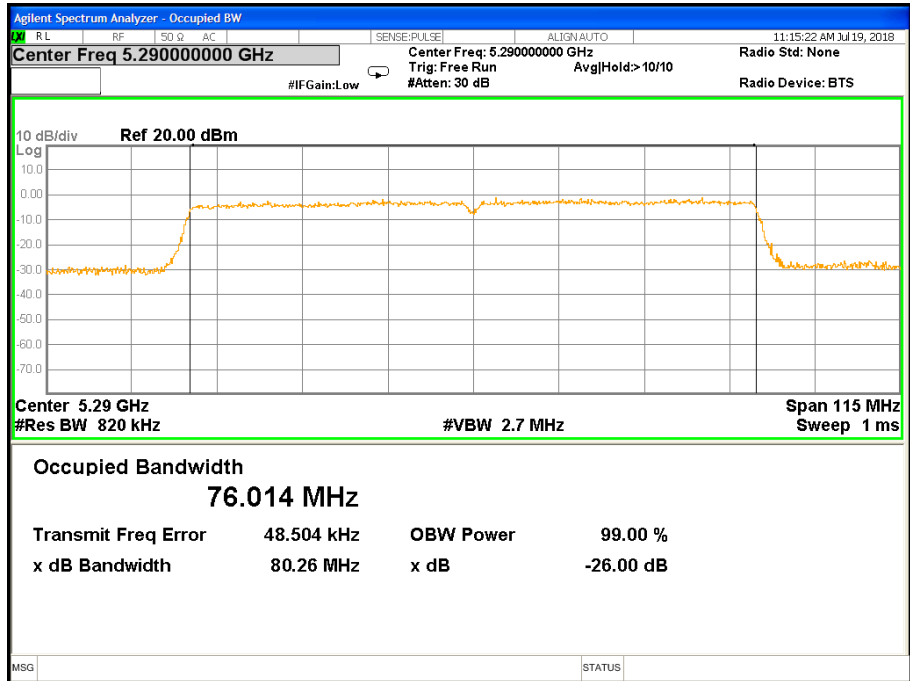


26 dB &99% Bandwidth 802.11ac(HT40) Channel 62



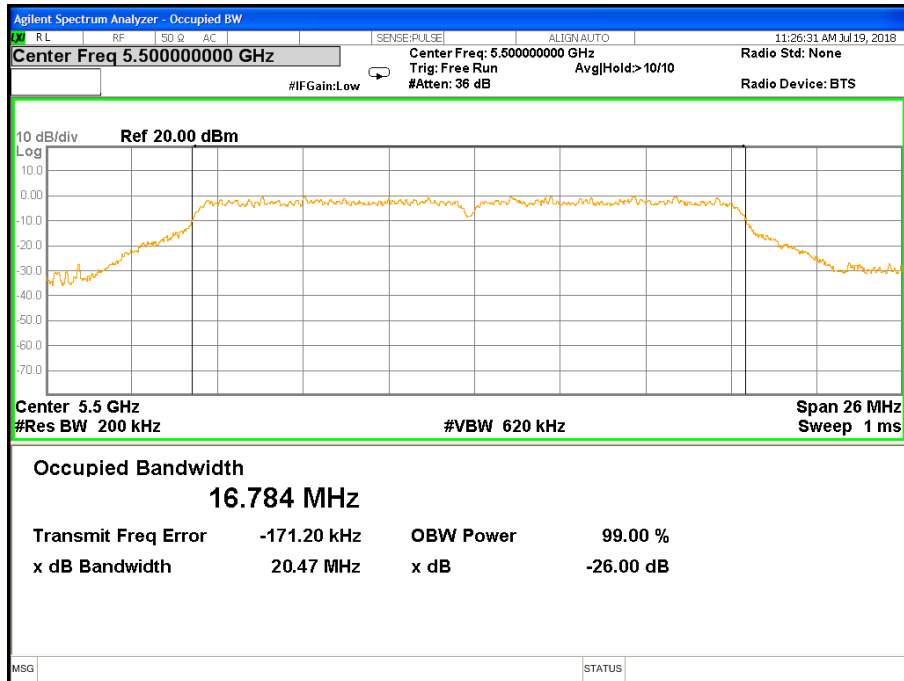


Band II (5.250-5.350GHz) 802.11ac(HT80) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT80) Channel 58

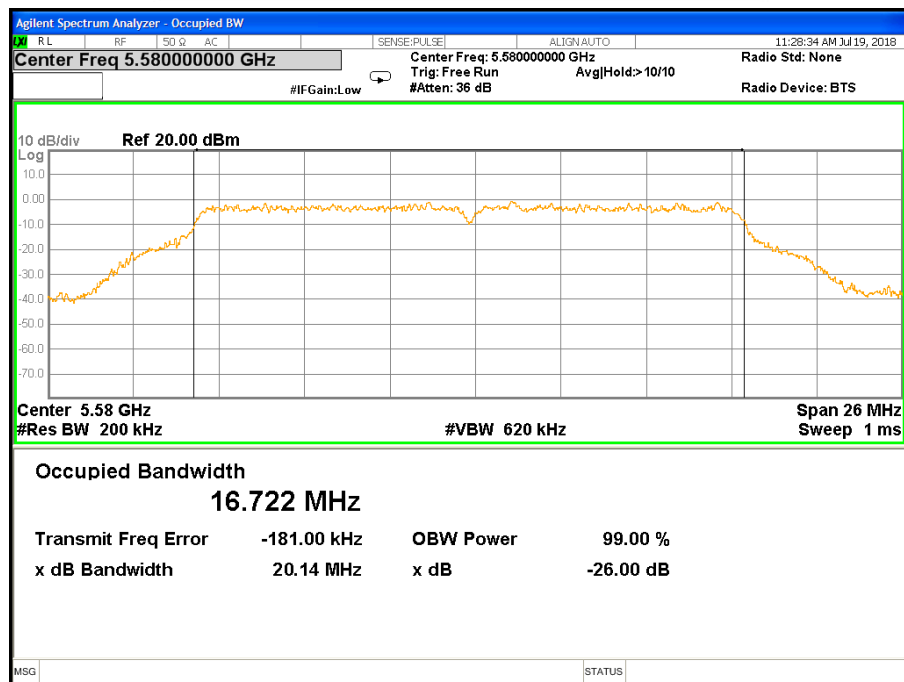




Band III (5.470-5.725GHz) 802.11a 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11a Channel 100

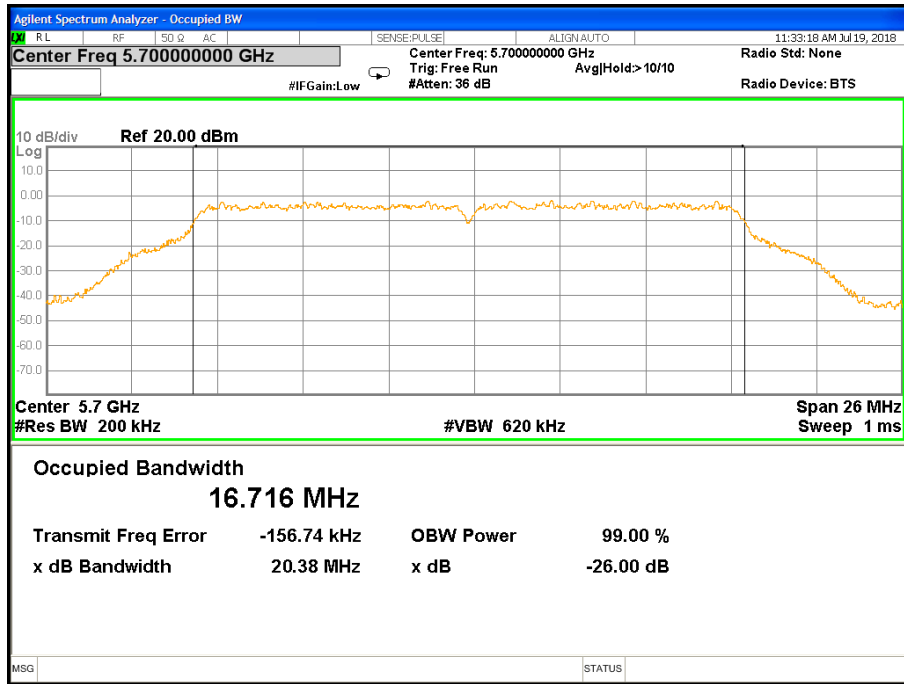


26 dB &99% Bandwidth 802.11a Channel 116



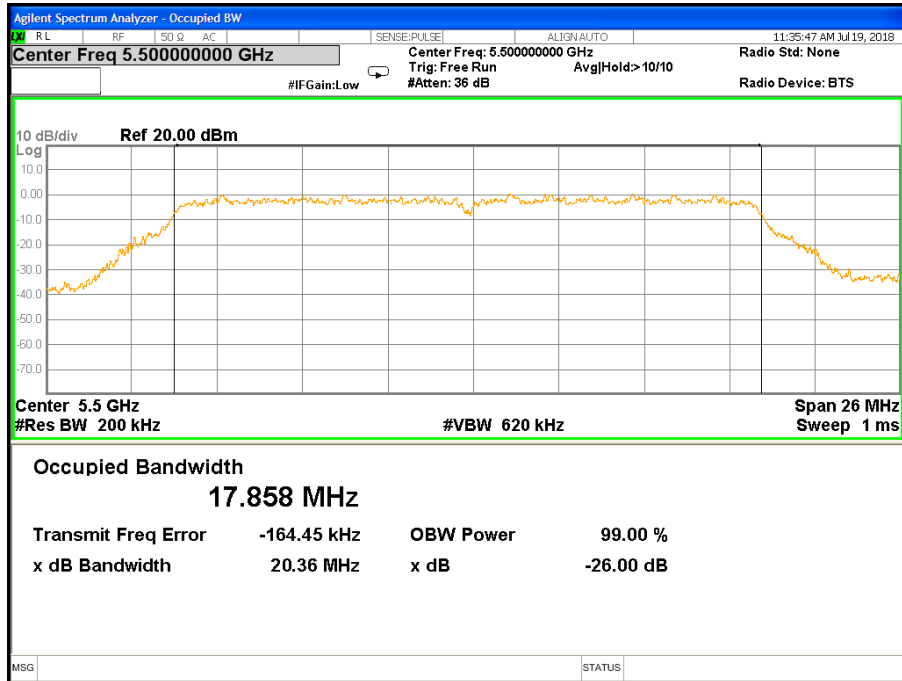


26 dB &99% Bandwidth 802.11a Channel 140

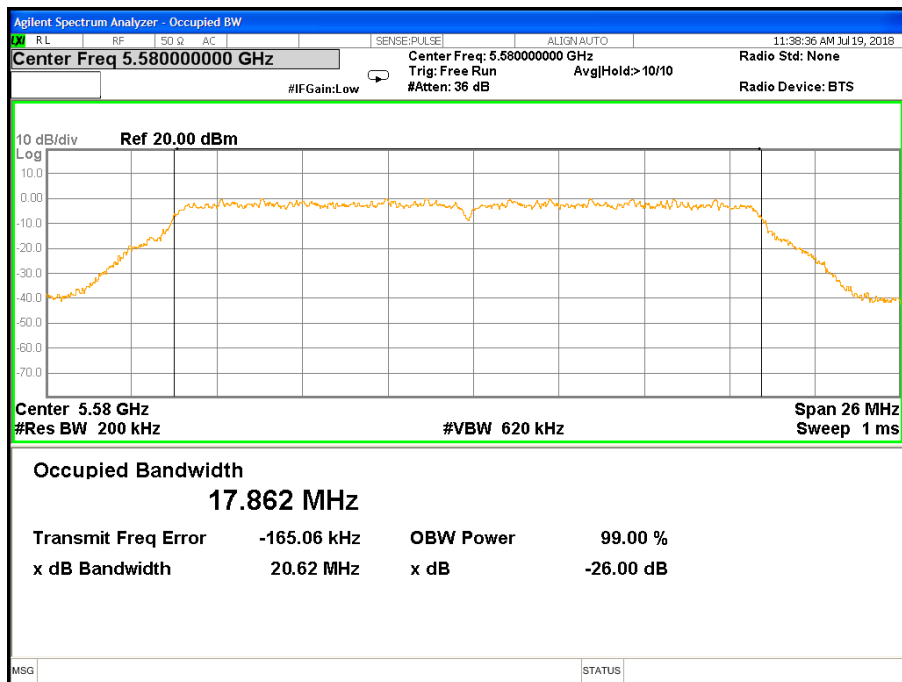




Band III (5.470-5.725GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 100

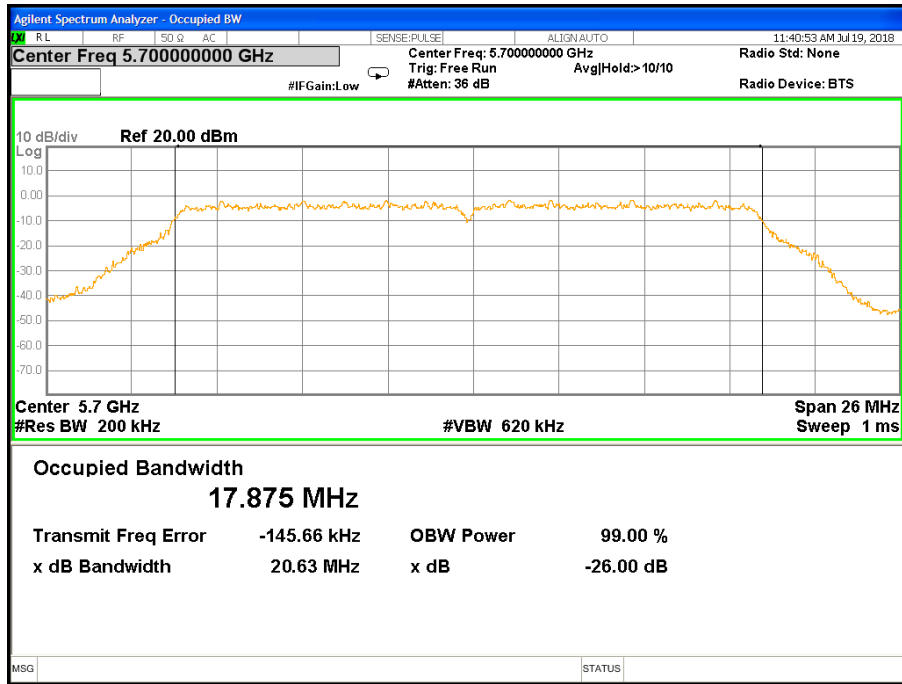


26 dB &99% Bandwidth 802.11n(HT20) Channel 116



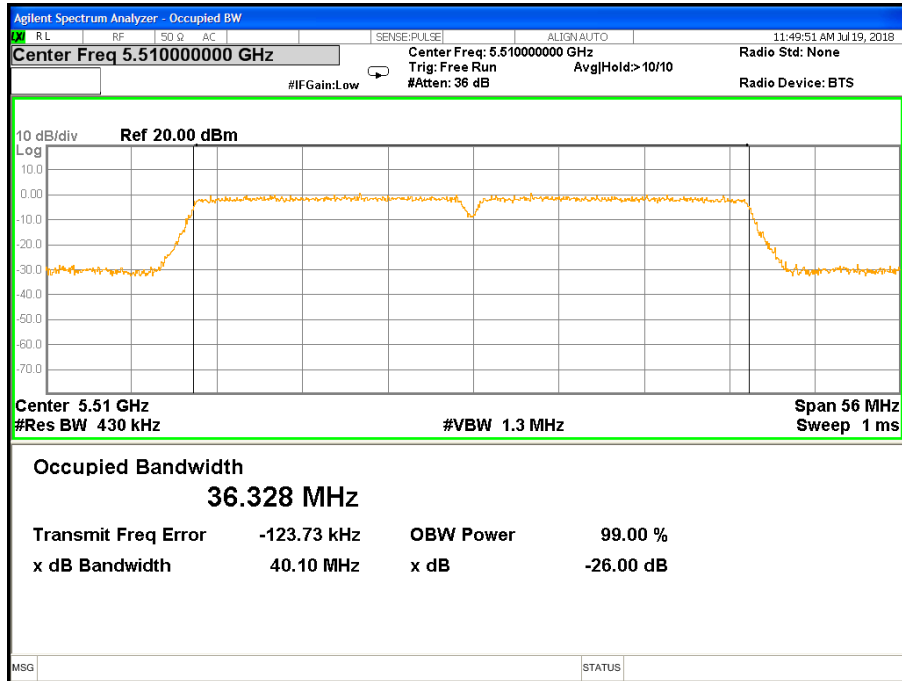


26 dB &99% Bandwidth 802.11n(HT20) Channel 140

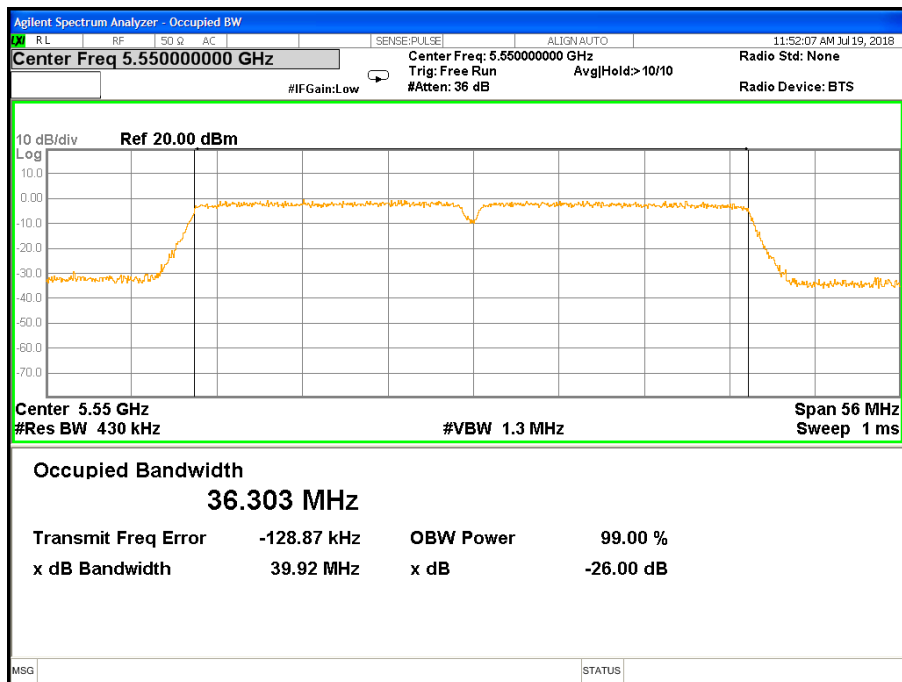




Band III (5.470-5.725GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 102

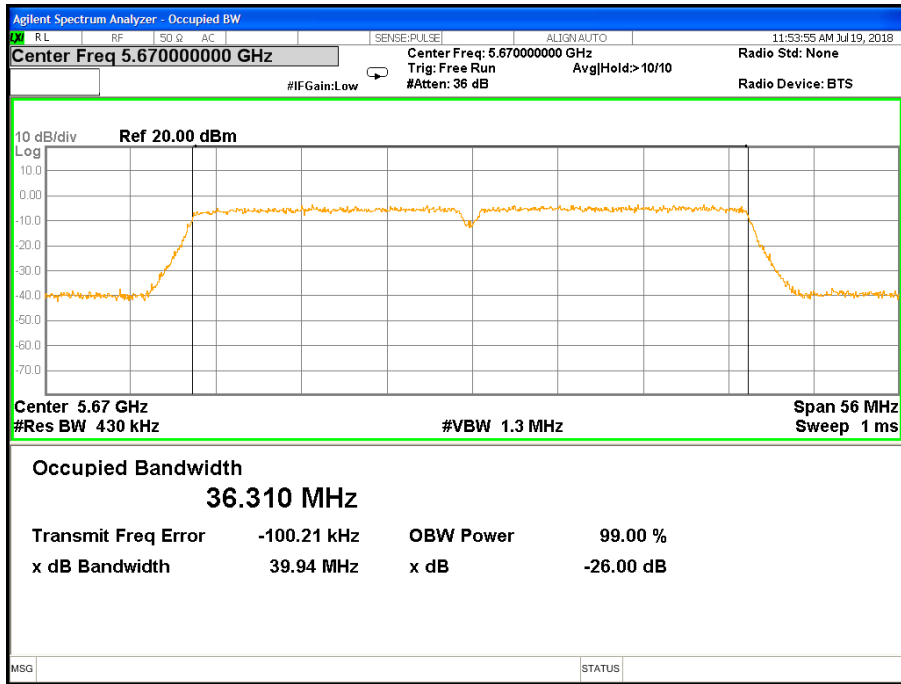


26 dB &99% Bandwidth 802.11n(HT40) Channel 110



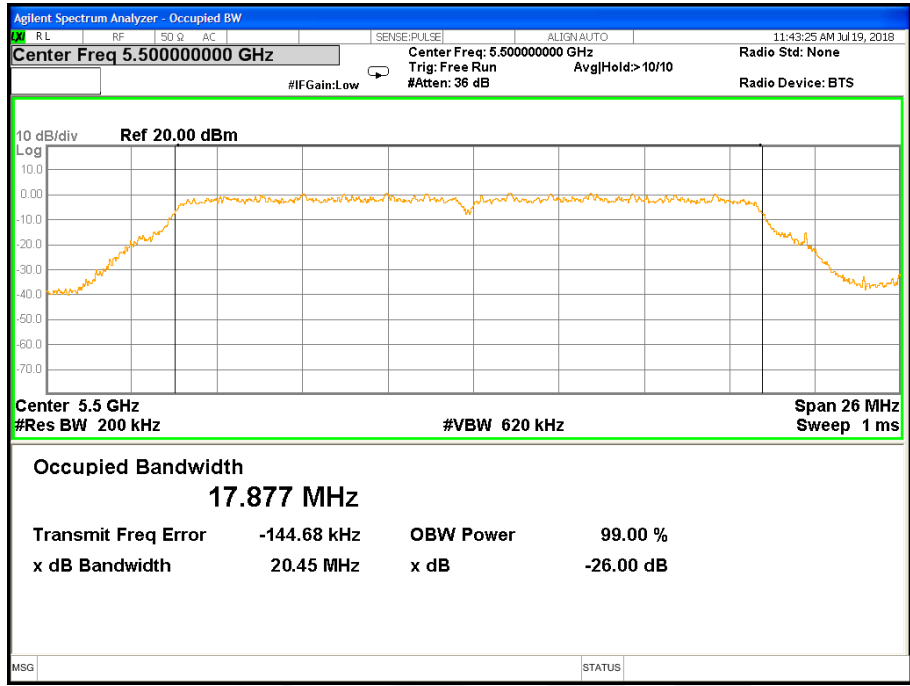


26 dB & 99% Bandwidth 802.11n(HT40) Channel 134

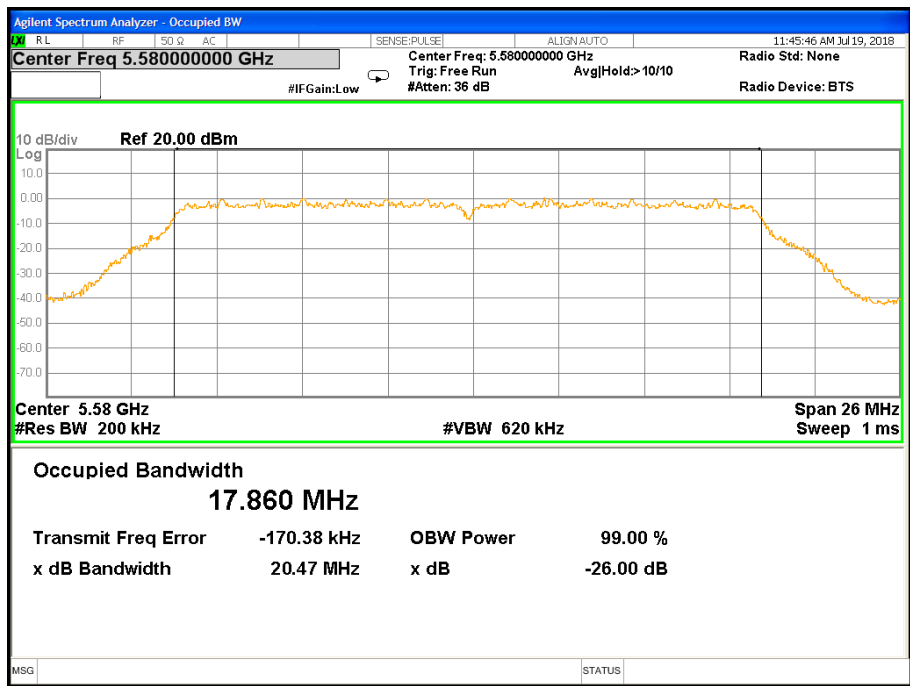




Band III (5.470-5.725GHz) 802.11ac(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT20) Channel 100

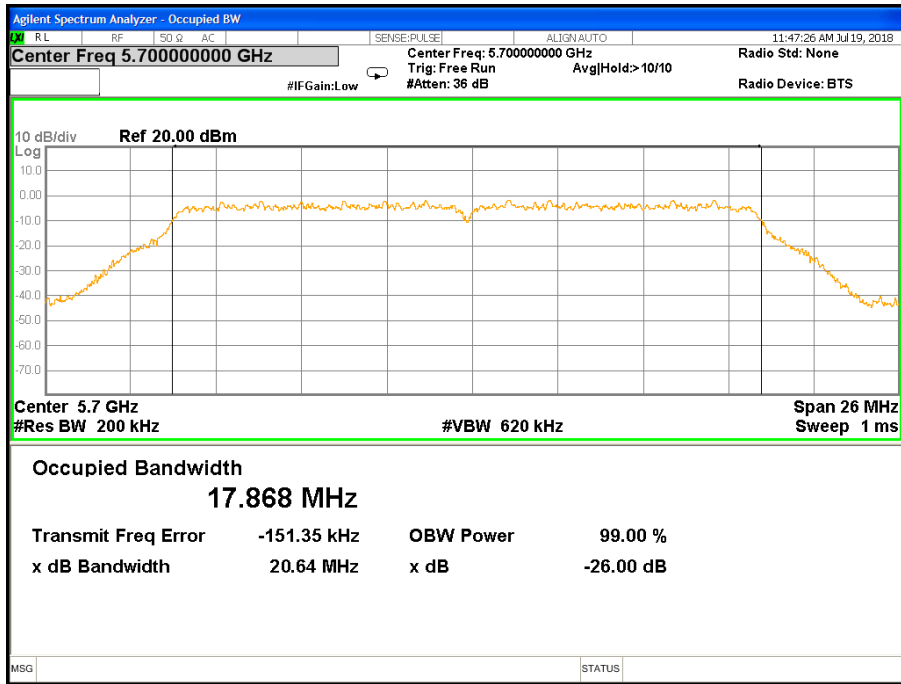


26 dB &99% Bandwidth 802.11ac(HT20) Channel 116



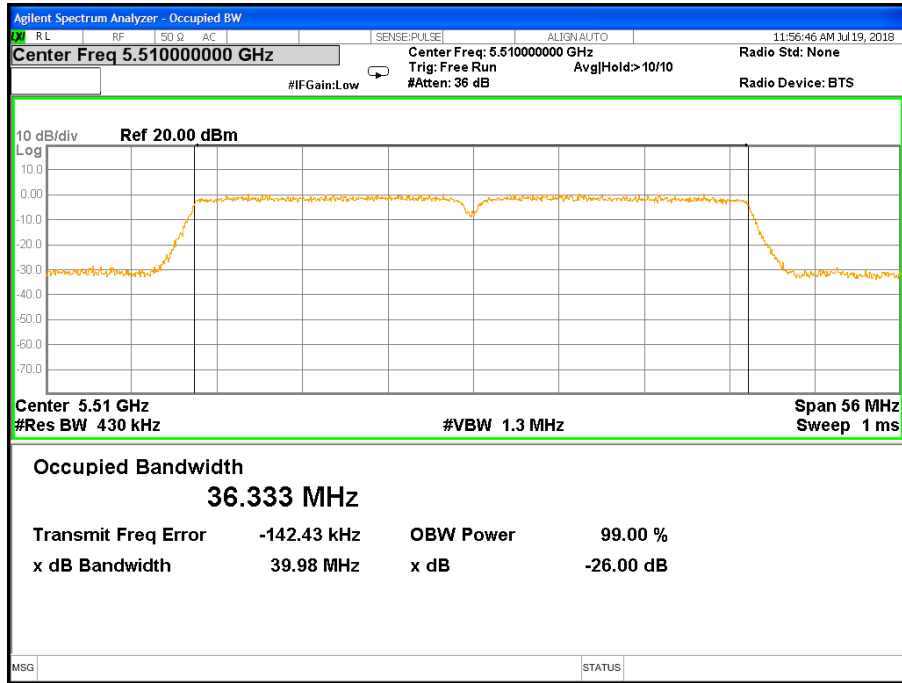


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 140

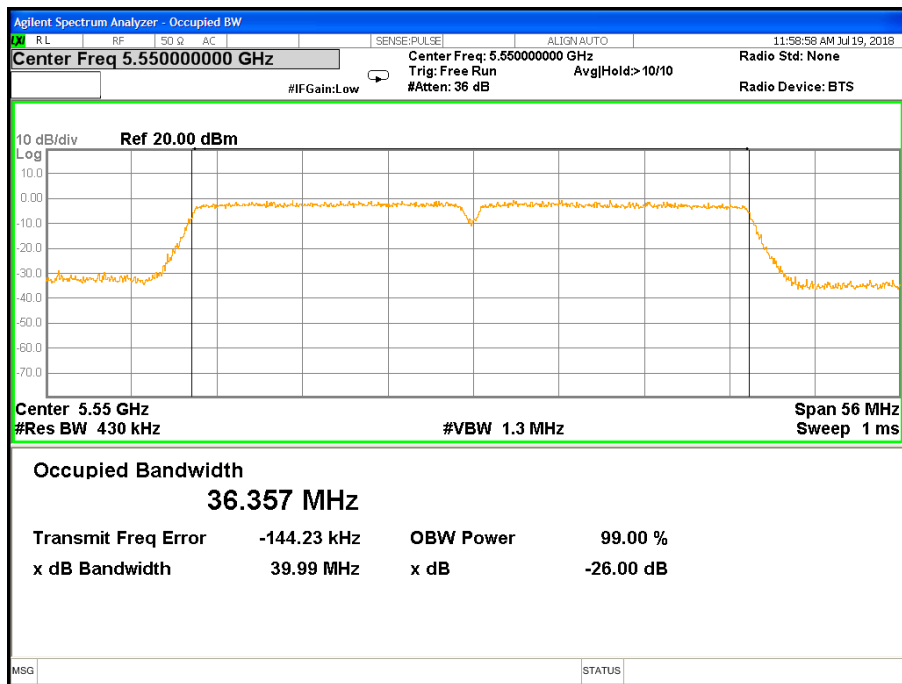




Band III (5.470-5.725GHz) 802.11ac(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 102

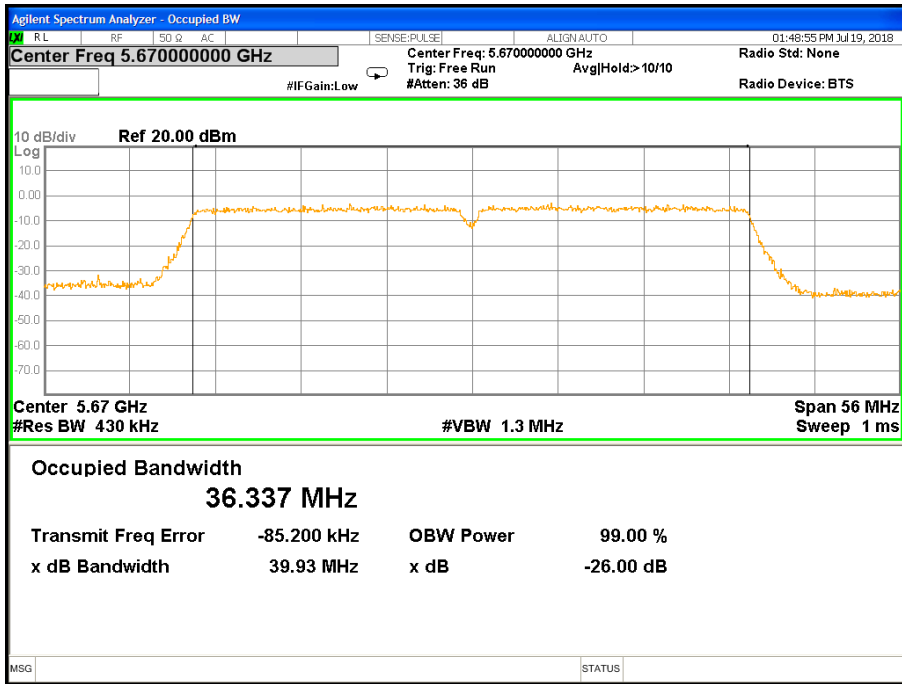


26 dB &99% Bandwidth 802.11ac(HT40) Channel 110



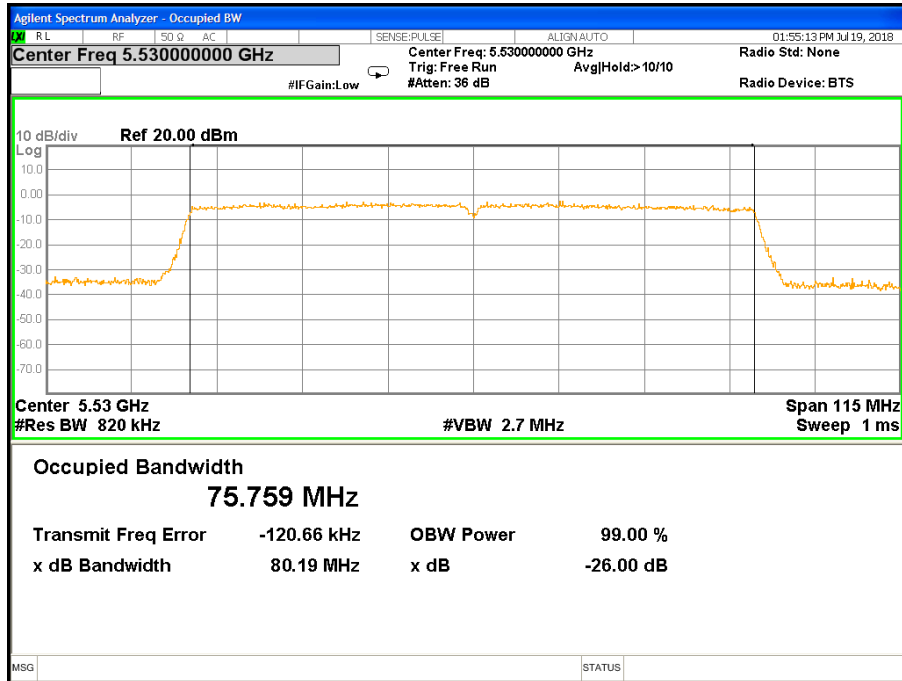


26 dB & 99% Bandwidth 802.11ac(HT40) Channel 134

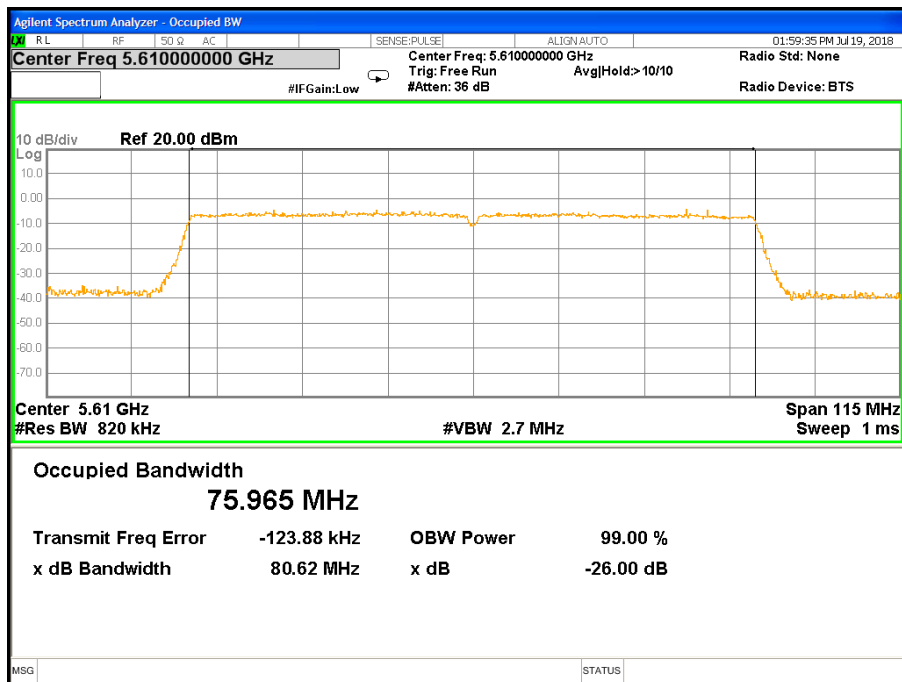




Band III (5.470-5.725GHz) 802.11ac(HT80) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT80) Channel 106

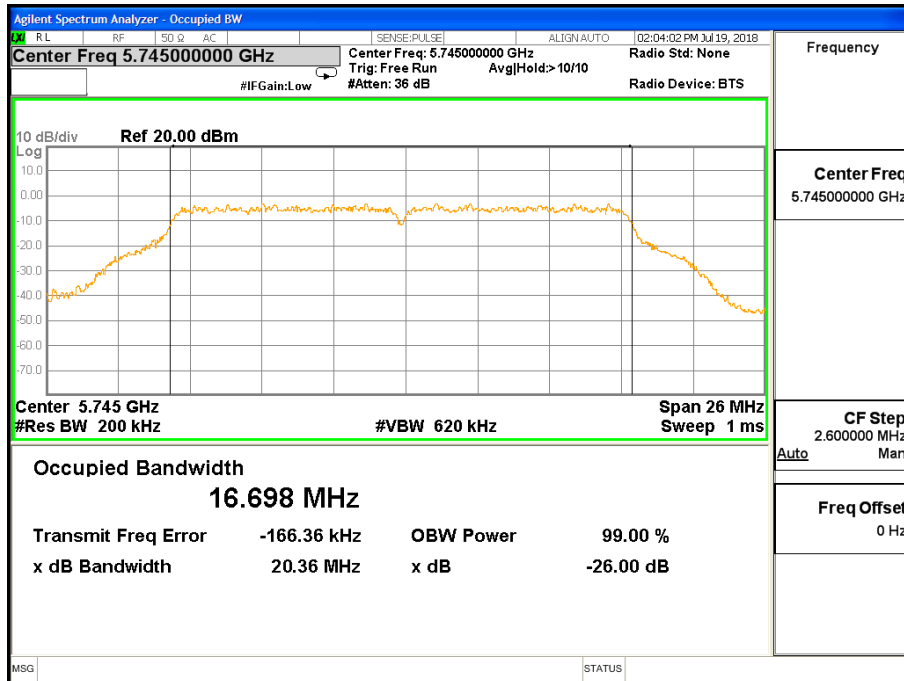


26 dB &99% Bandwidth 802.11ac(HT80) Channel 122

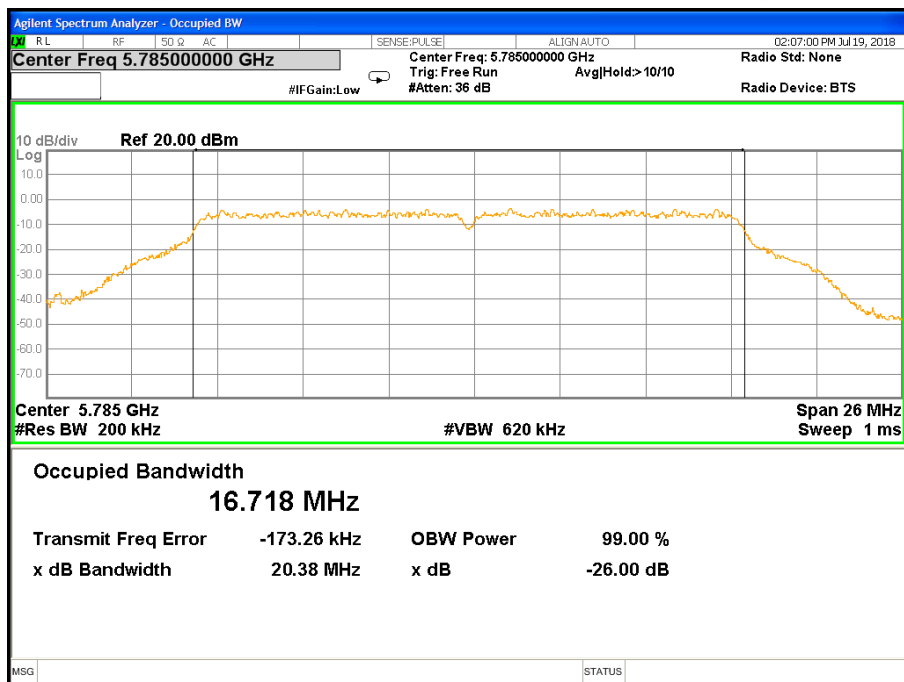




Band IV (5.725-5.850GHz) 802.11a, 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11a Channel 149

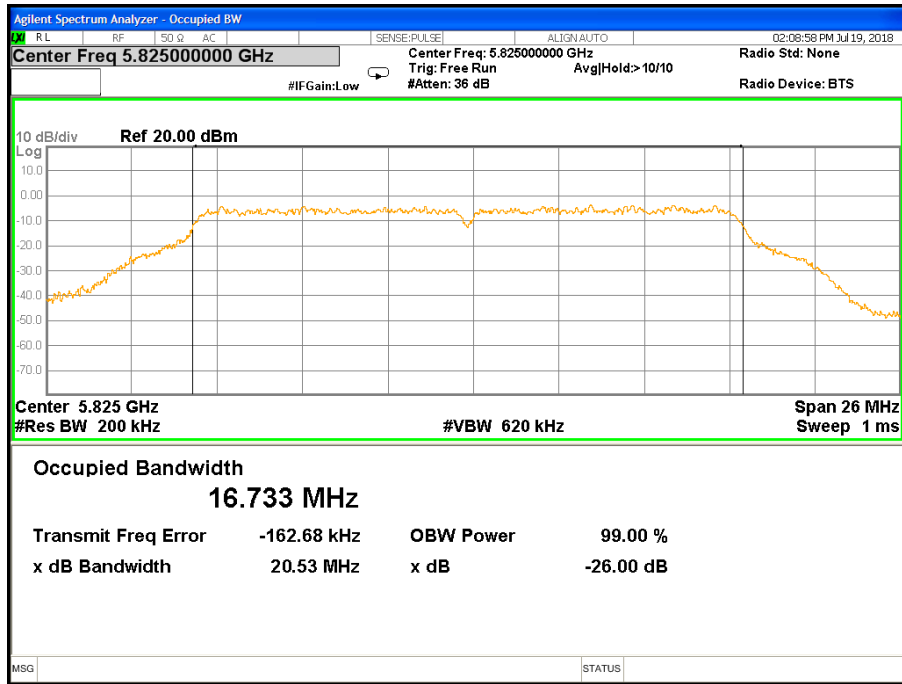


26 dB &99% Bandwidth 802.11a Channel 157



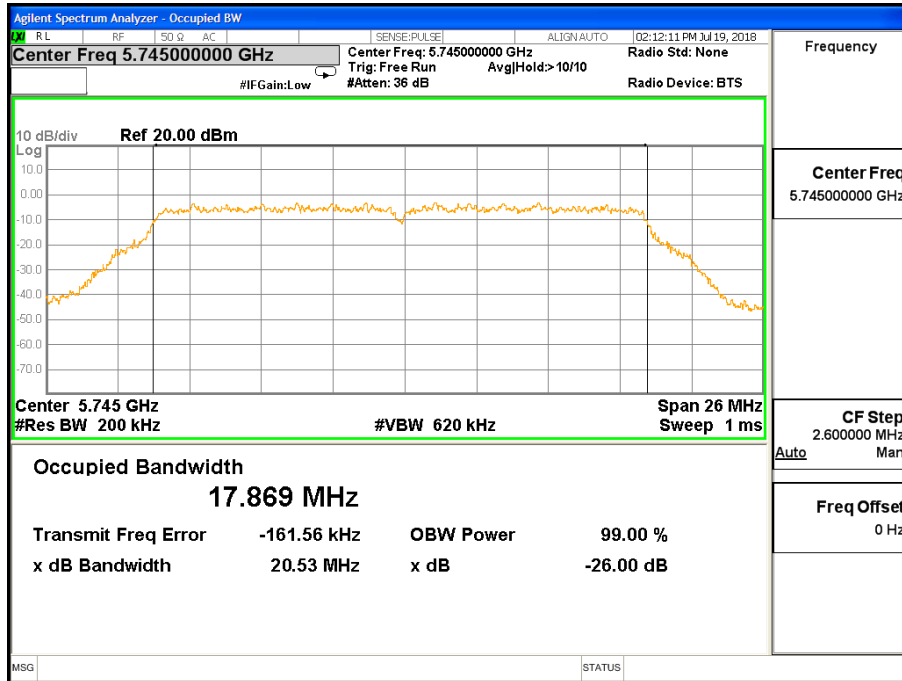


26 dB &99% Bandwidth 802.11a Channel 165

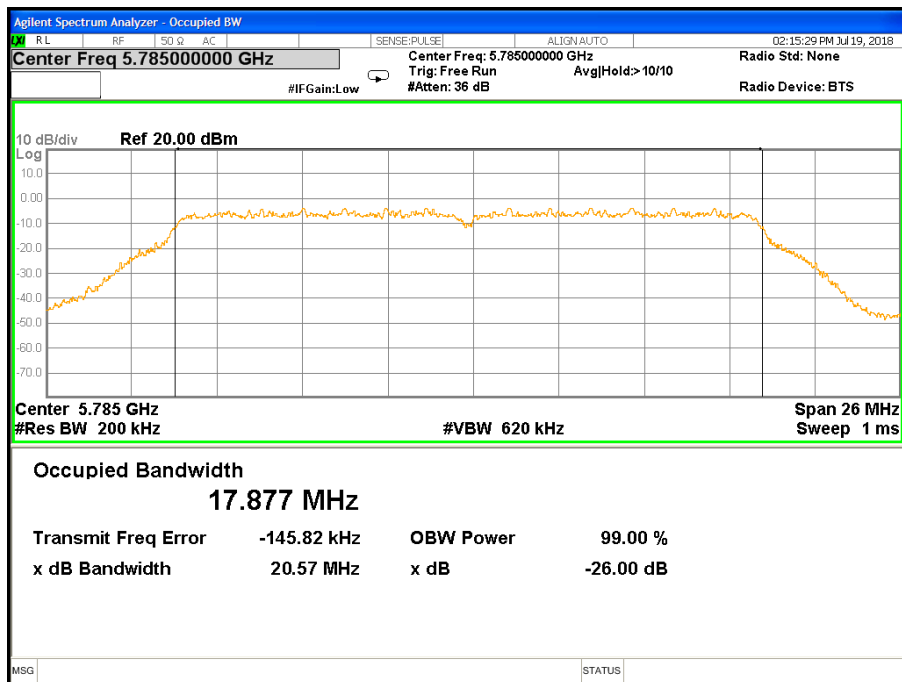




Band IV (5.725-5.850GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 149

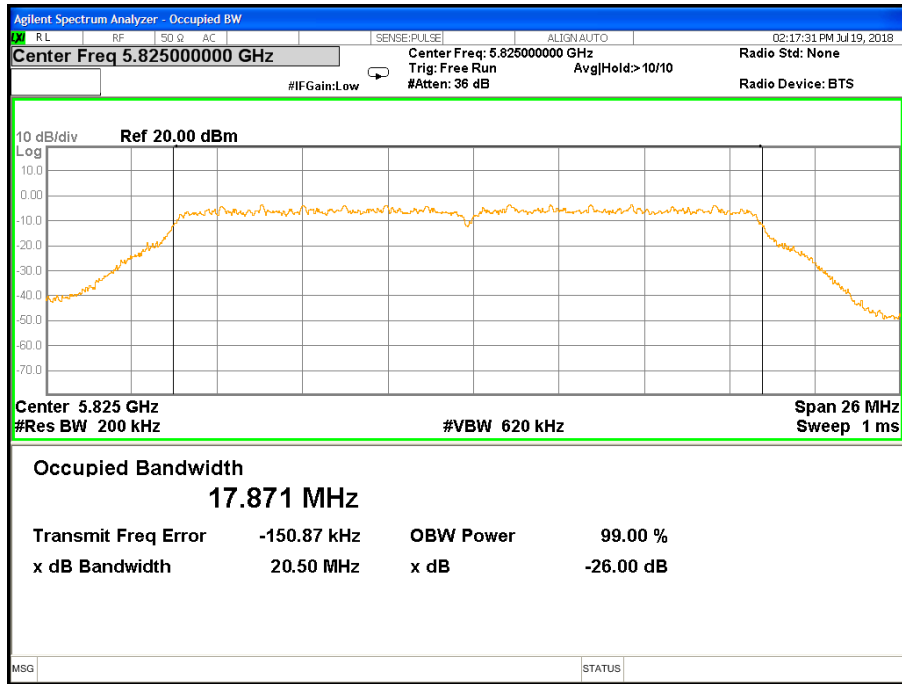


26 dB &99% Bandwidth 802.11n(HT20) Channel 157



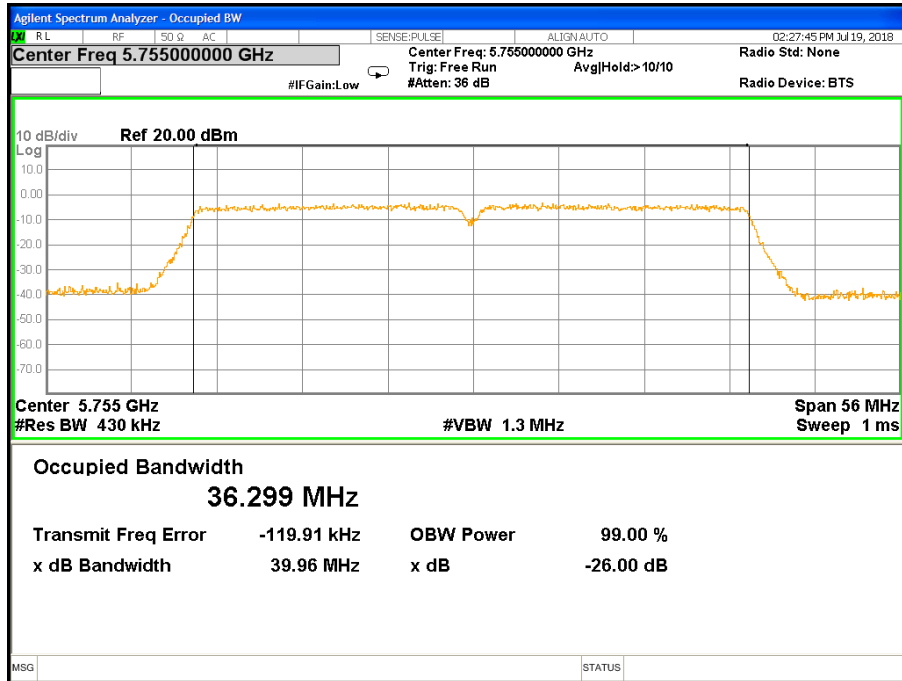


26 dB & 99% Bandwidth 802.11n(HT20) Channel 165

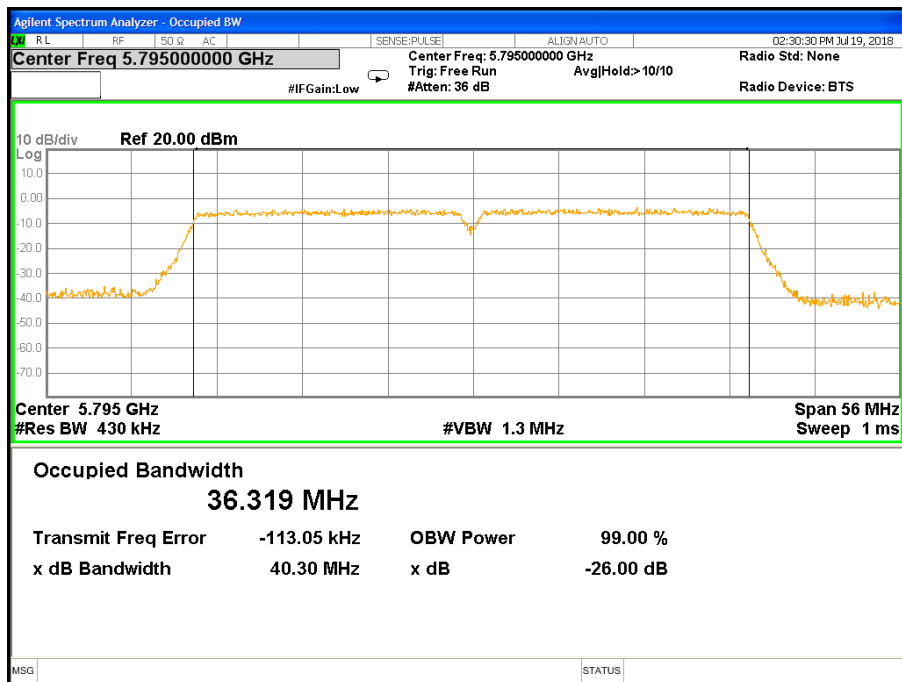




Band IV (5.725-5.850GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 151

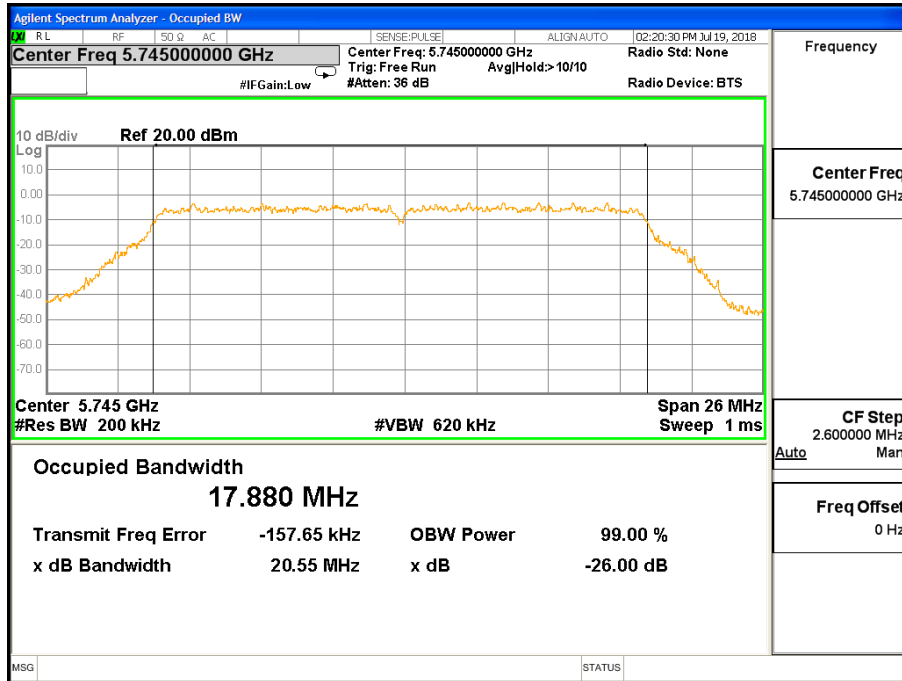


26 dB &99% Bandwidth 802.11n(HT40) Channel 159

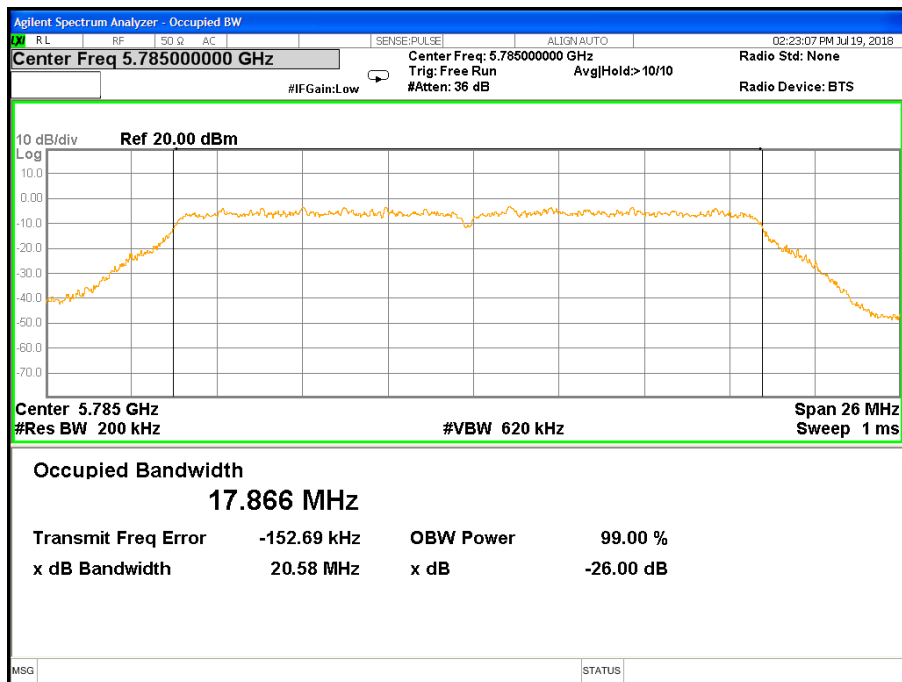




Band IV (5.725-5.850GHz) 802.11ac(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT20) Channel 149

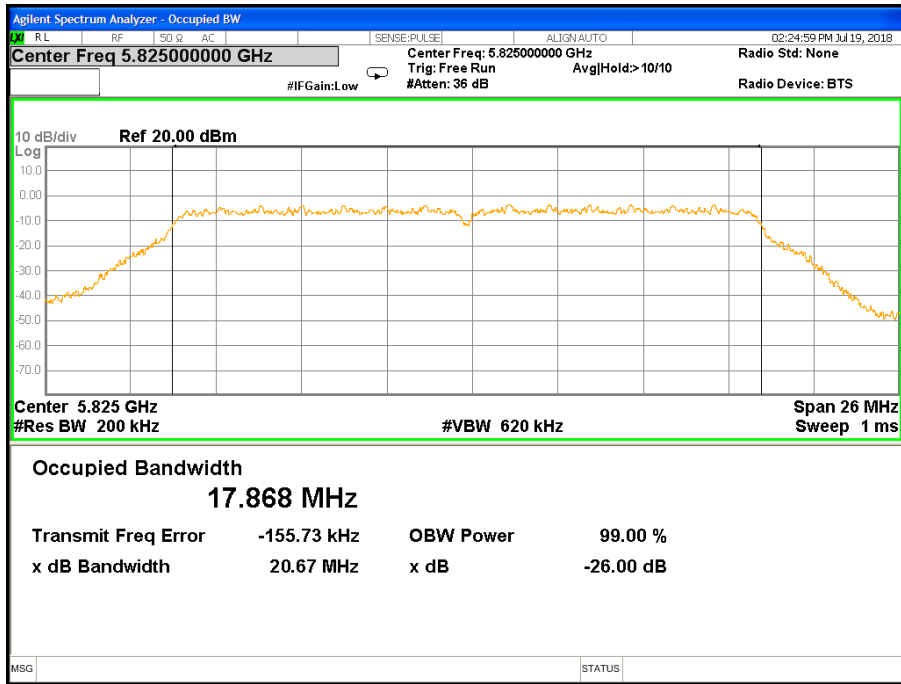


26 dB &99% Bandwidth 802.11ac(HT20) Channel 157



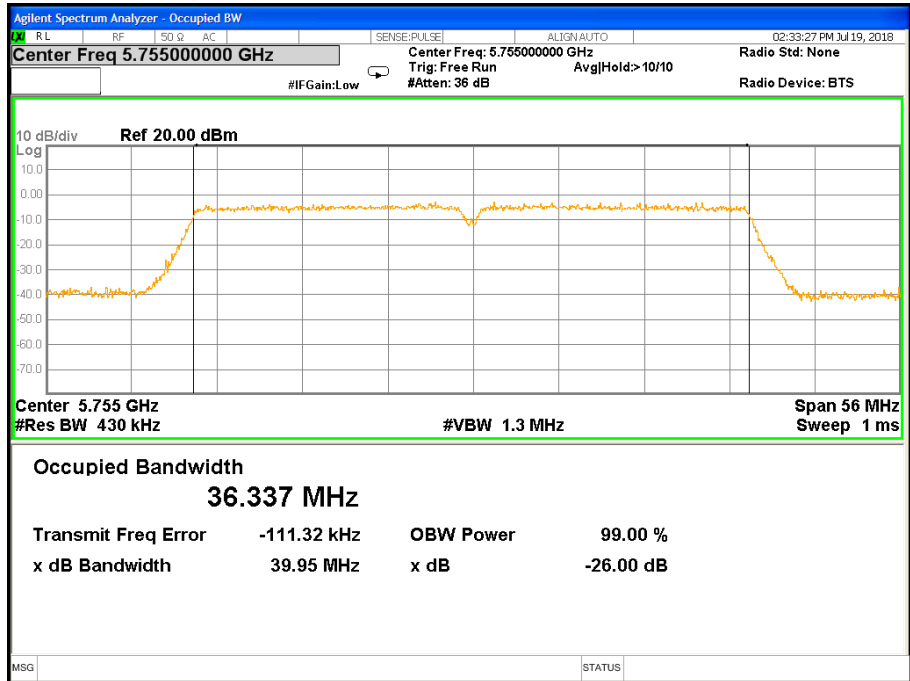


26 dB & 99% Bandwidth 802.11ac(HT20) Channel 165

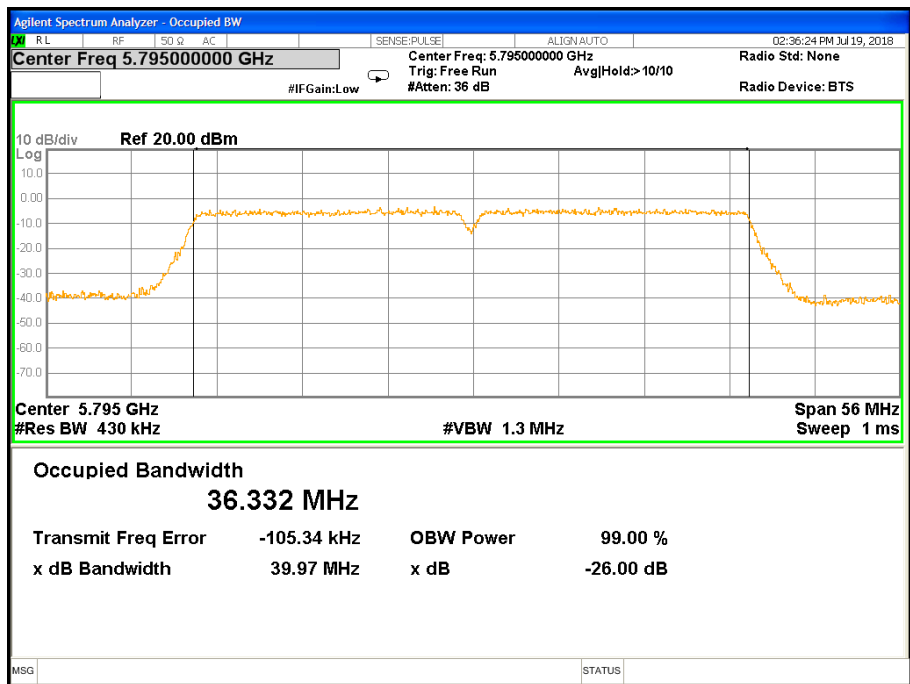




Band IV (5.725-5.850GHz) 802.11ac(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(HT40) Channel 151



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

