

**BANDWIDTH**

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

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

Band I (5.150-5.250GHz) 26dB Bandwidth

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	21.81	21.82	Pass
5200	21.34	21.35	Pass
5240	21.49	21.50	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	22.34	22.36	Pass
5200	21.99	22.00	Pass
5240	21.73	21.74	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	41.15	41.17	Pass
5230	41.11	41.12	Pass

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

Frequency (MHz)	802.11ac(VHT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	21.92	21.93	Pass
5200	21.93	21.94	Pass
5240	22.52	22.53	Pass

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

Frequency (MHz)	802.11ac(VHT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5190	42.34	42.36	Pass
5230	43.05	43.06	Pass

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

Frequency (MHz)	802.11ac(VHT80) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5210	81.87	81.88	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	20.75	20.73	Pass
5785	20.38	20.35	Pass
5825	20.70	20.69	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	21.24	21.21	Pass
5785	20.93	20.91	Pass
5825	21.16	21.14	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	43.20	43.24	Pass
5795	42.86	43.72	Pass

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

Frequency (MHz)	802.11ac(VHT20) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5745	21.03	21.01	Pass
5785	20.94	20.93	Pass
5825	21.15	21.12	Pass

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

Frequency (MHz)	802.11ac(VHT40) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5755	42.83	42.81	Pass
5795	39.97	39.95	Pass

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

Frequency (MHz)	802.11ac(VHT80) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5775	81.27	81.26	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	16.666	16.667	Pass
5200	16.672	16.673	Pass
5240	16.692	16.693	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	17.763	17.764	Pass
5200	17.760	17.761	Pass
5240	17.783	17.784	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	36.312	36.315	Pass
5230	36.303	36.305	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	17.780	17.781	Pass
5200	17.744	17.745	Pass
5240	17.785	17.786	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	36.293	36.294	Pass
5230	36.311	36.312	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	76.066	76.067	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	16.608	16.607	Pass
5785	16.596	16.594	Pass
5825	16.595	16.593	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	17.638	17.637	Pass
5785	17.661	17.660	Pass
5825	17.669	17.668	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	36.333	36.332	Pass
5795	36.241	36.240	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	17.656	17.655	Pass
5785	17.668	17.667	Pass
5825	17.652	17.651	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	36.296	36.295	Pass
5795	36.332	36.330	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	75.945	75.943	Pass

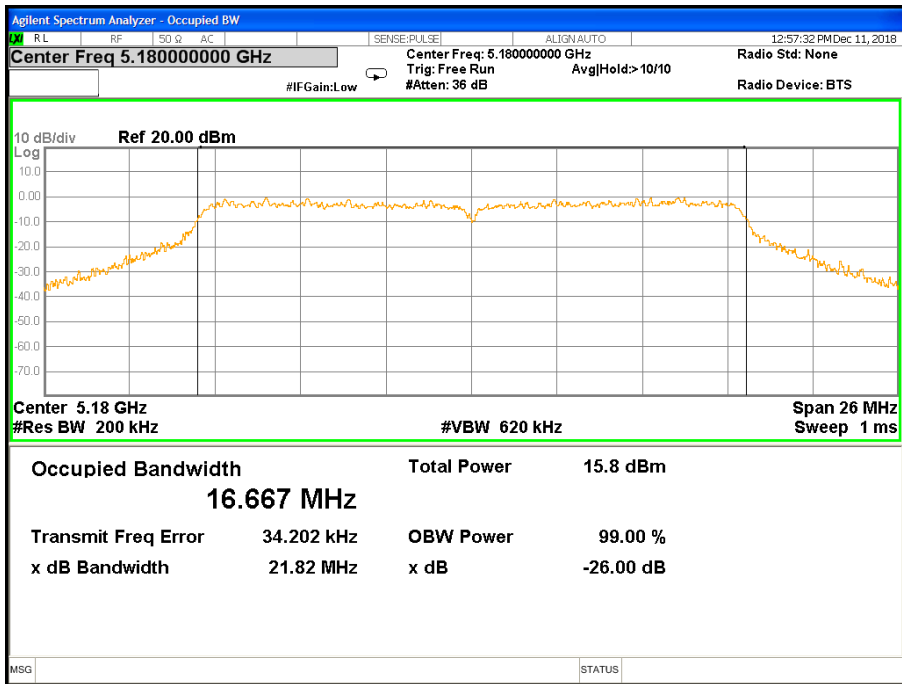
Note: N/A, 26 db bandwidth measurement limit only embodied in the report



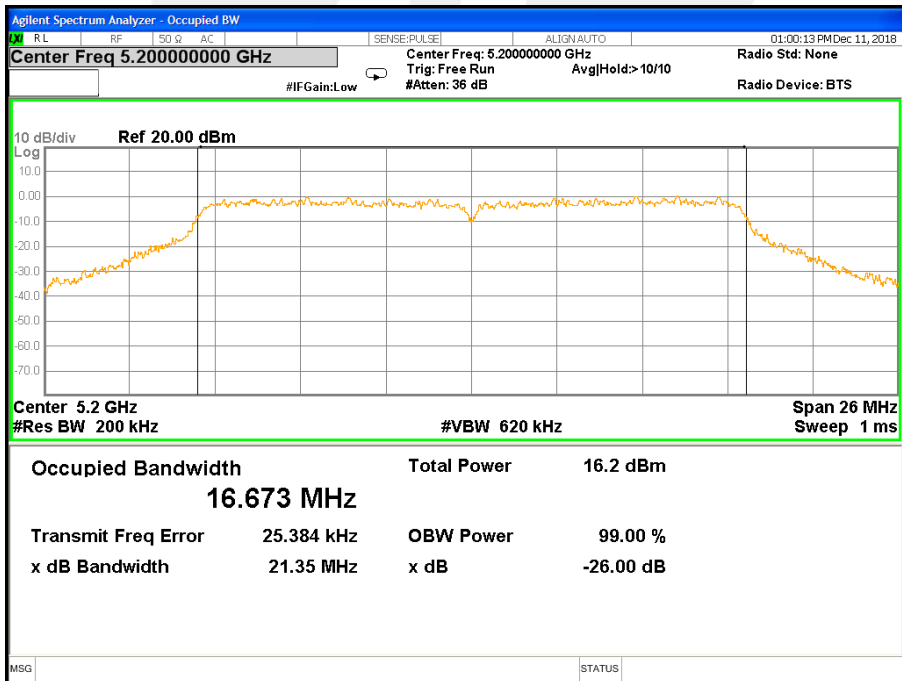
Antenna B

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

26 dB &99% Bandwidth 802.11a Channel 36

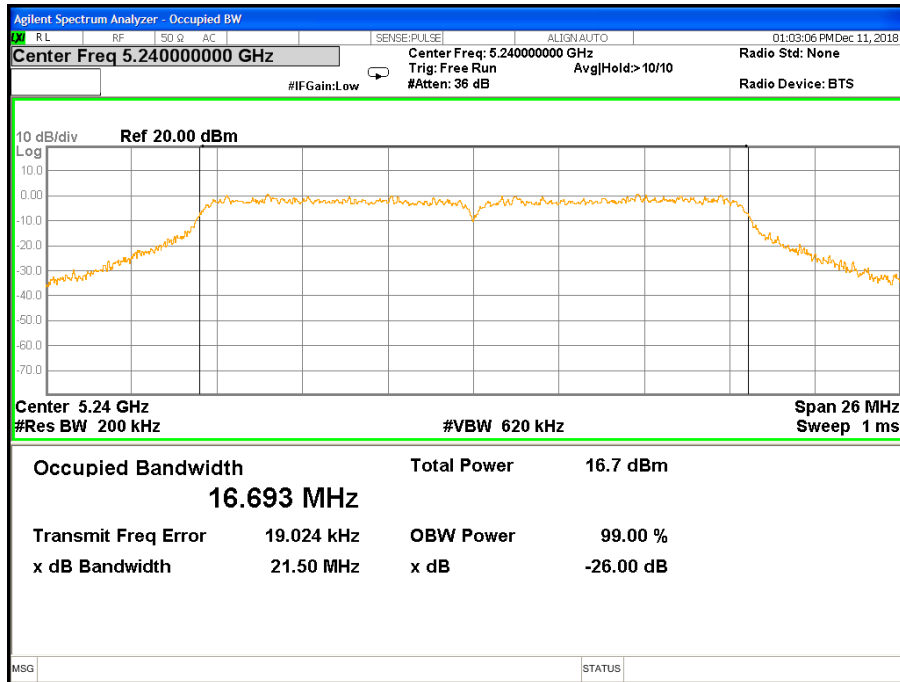


26 dB &99% Bandwidth 802.11a Channel 40



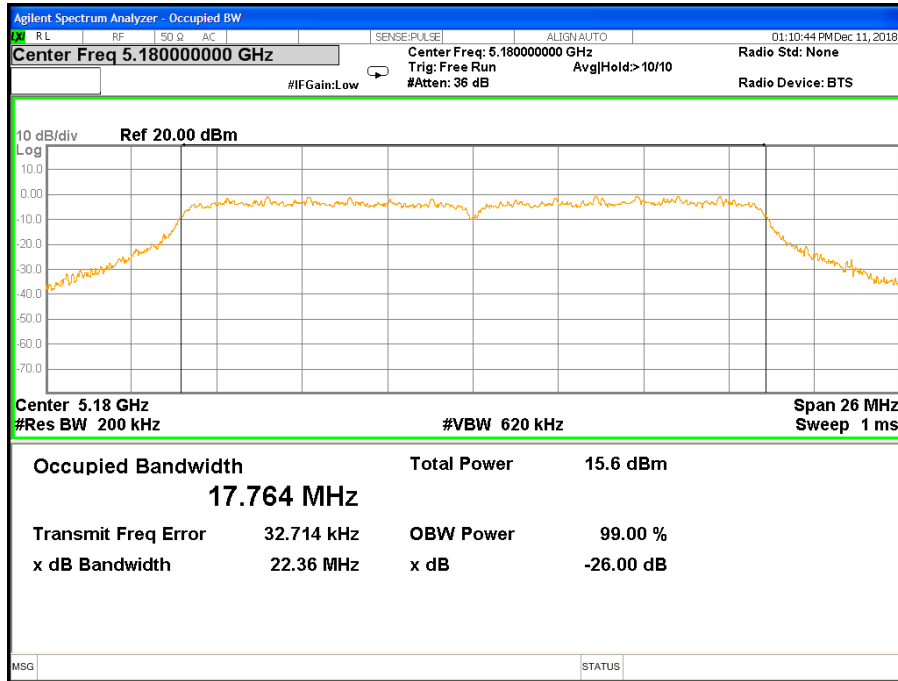


26 dB & 99% Bandwidth 802.11a Channel 48

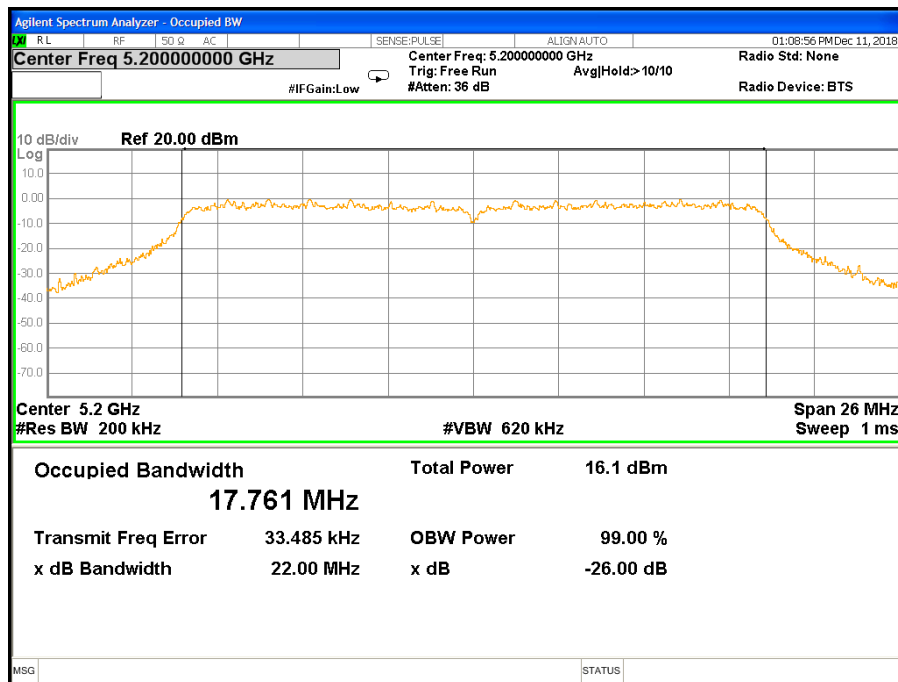




Band I (5.150-5.250GHz) 802.11n(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT20) Channel 36

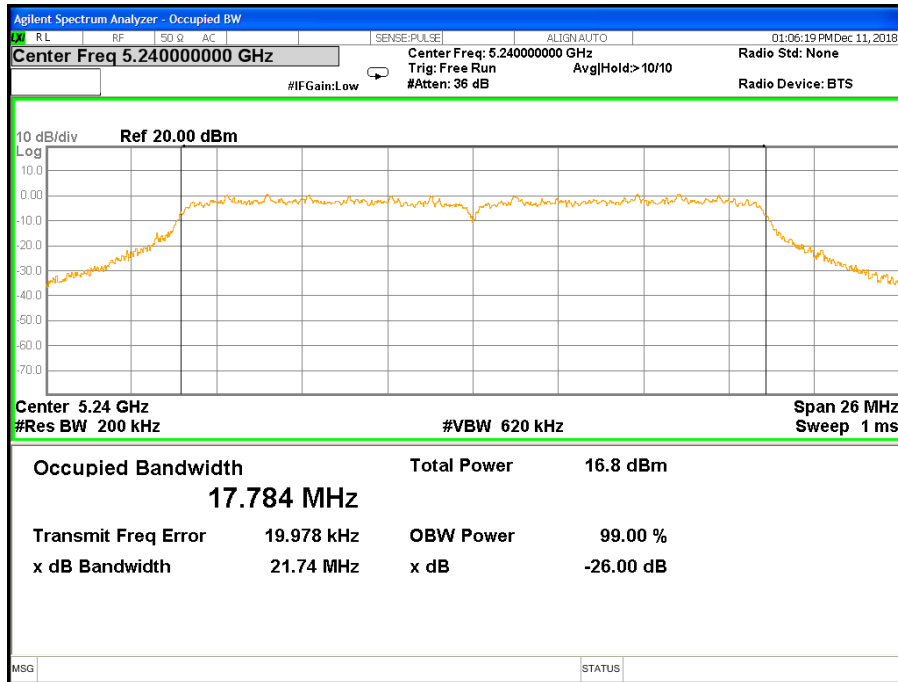


26 dB &99% Bandwidth 802.11n(HT20) Channel 40



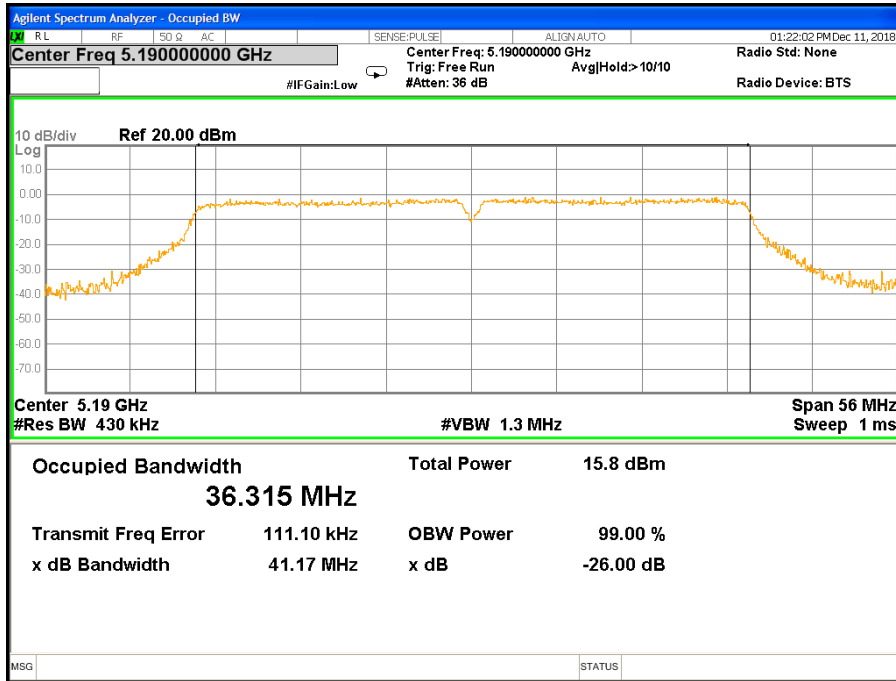


26 dB & 99% Bandwidth 802.11n(HT20) Channel 48

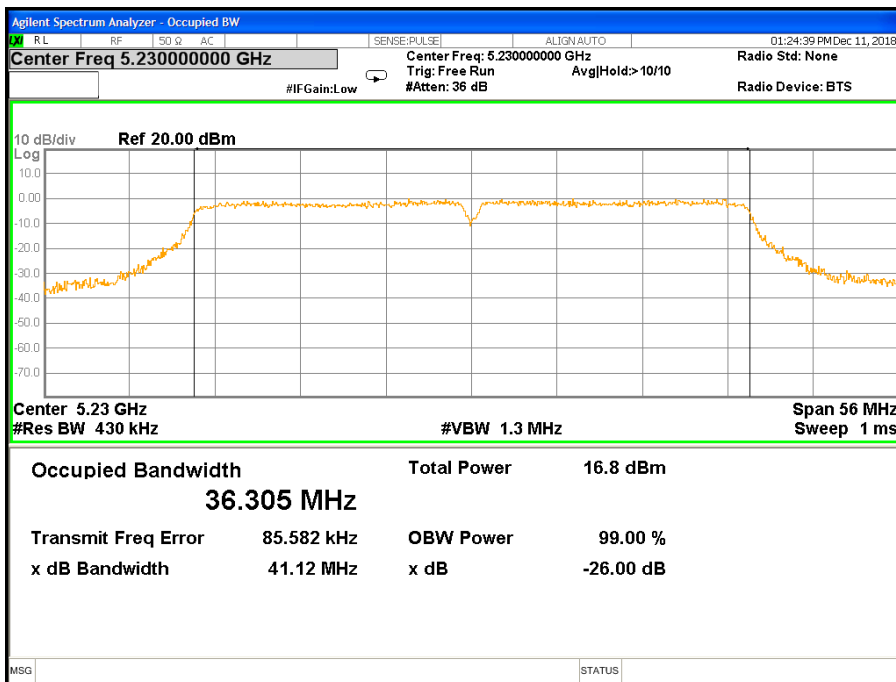




Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 38

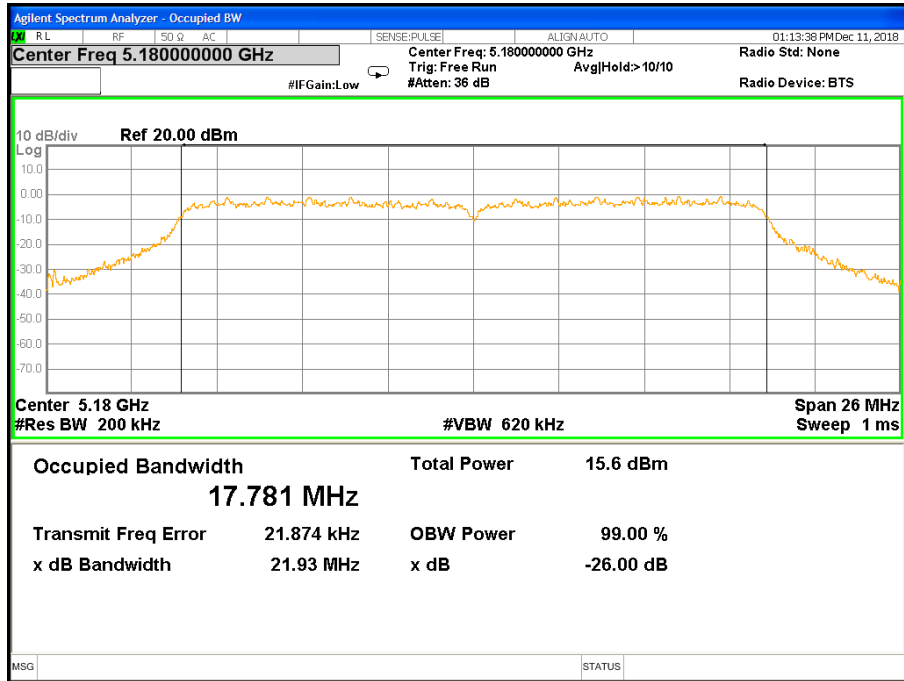


26 dB &99% Bandwidth 802.11n(HT40) Channel 46

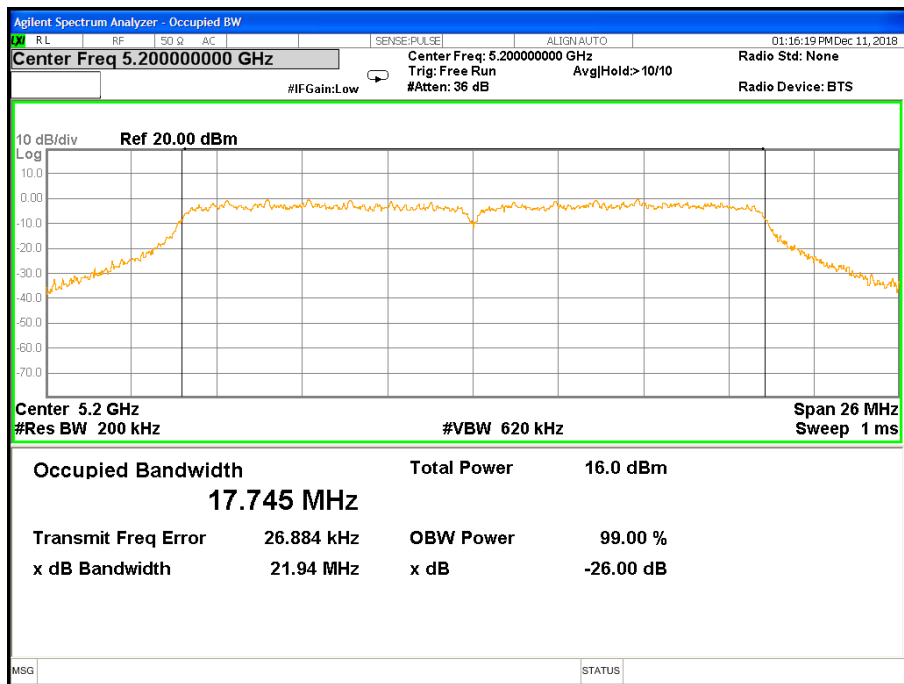




Band I (5.150-5.250GHz) 802.11ac(VHT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT20) Channel 36

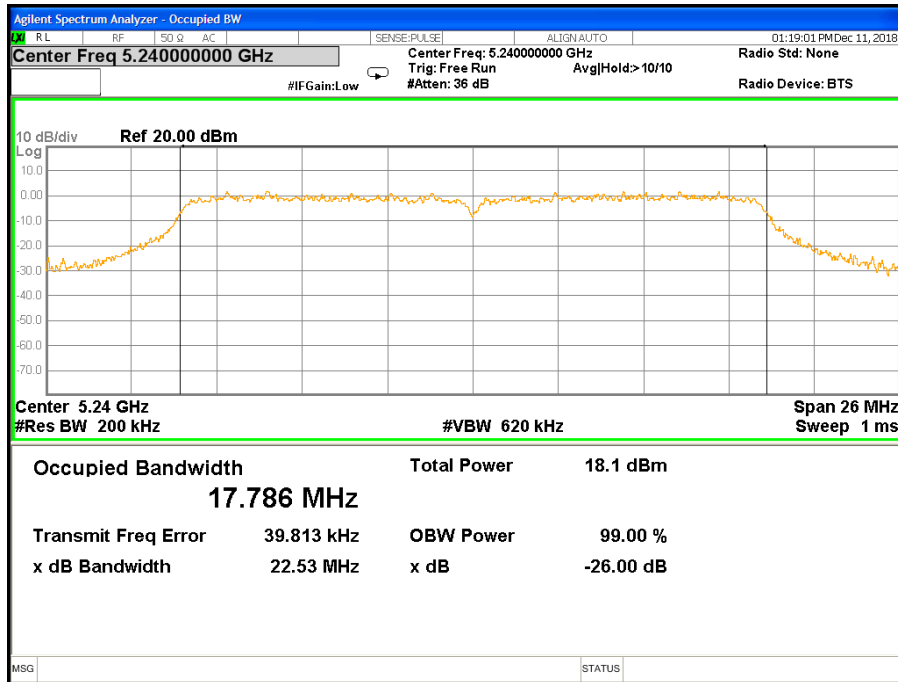


26 dB &99% Bandwidth 802.11ac(VHT20) Channel 40



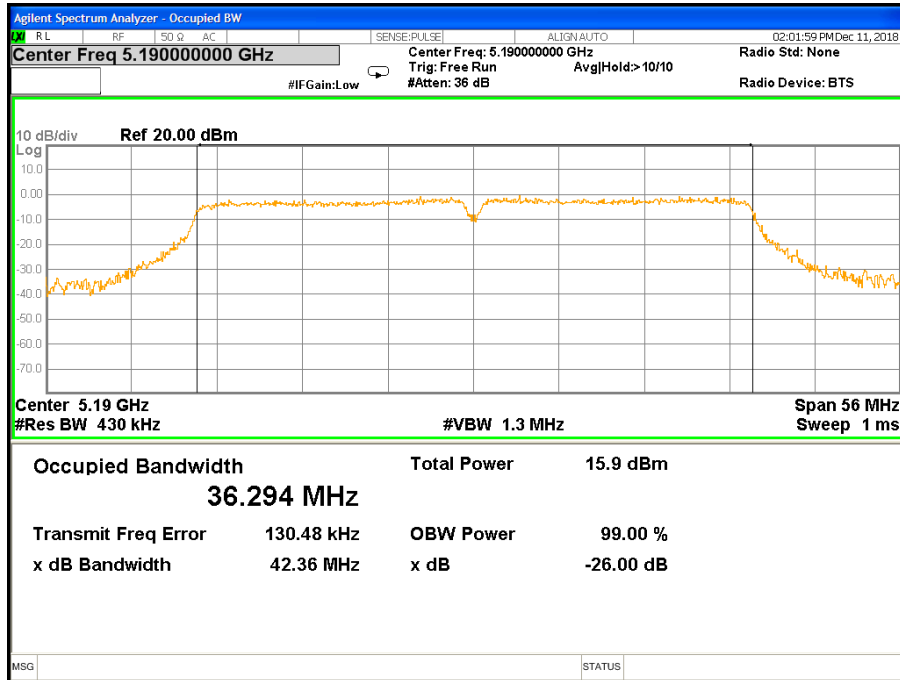


26 dB & 99% Bandwidth 802.11ac(VHT20) Channel 48

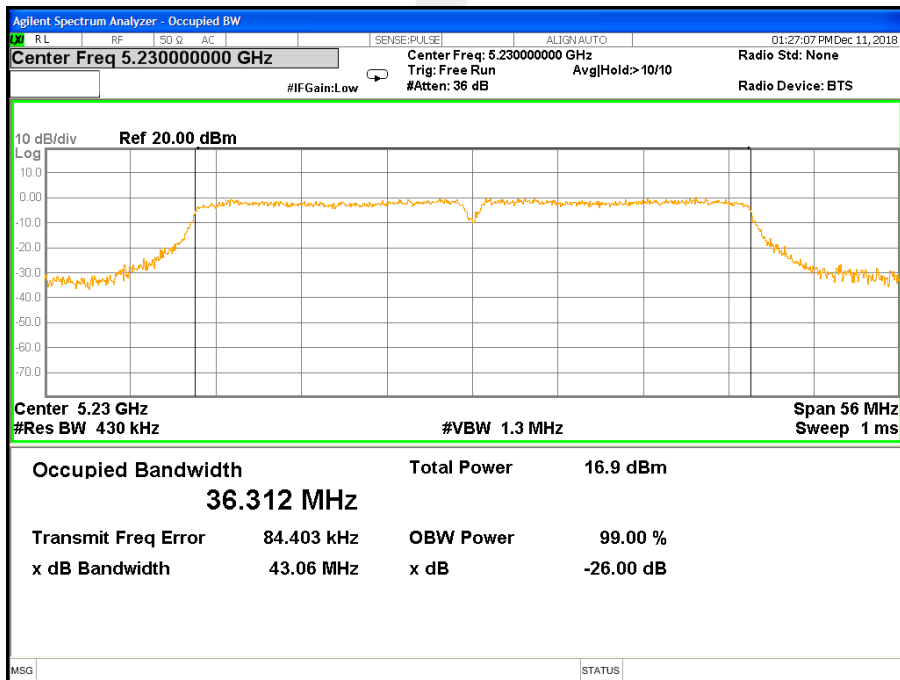




Band I (5.150-5.250GHz) 802.11n(VHT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(VHT40) Channel 38

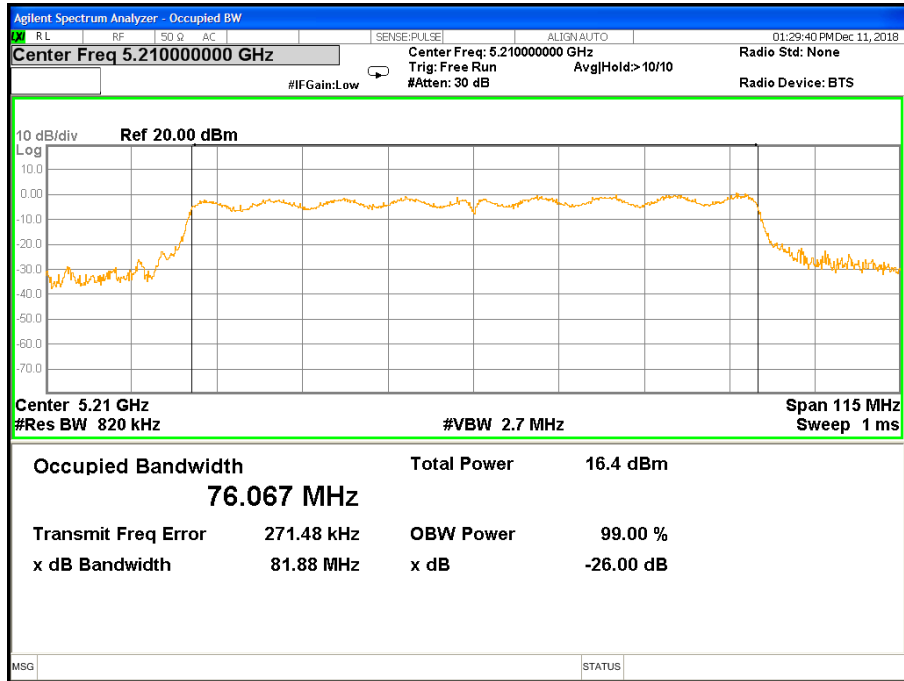


26 dB &99% Bandwidth 802.11ac(VHT40) Channel 46





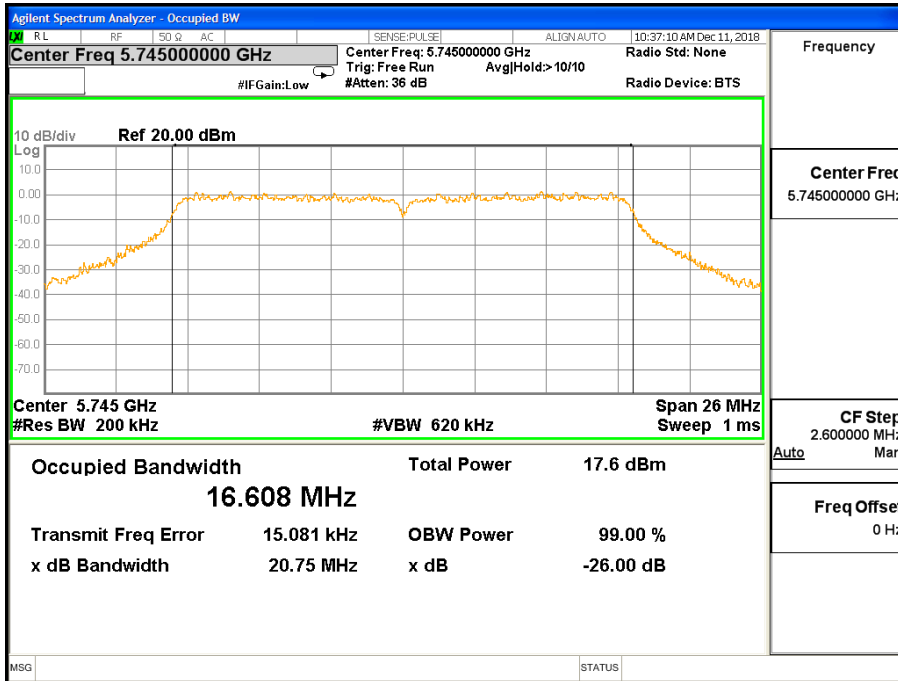
Band I (5.150-5.250GHz) 802.11ac(VHT80) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(VHT80) Channel 42



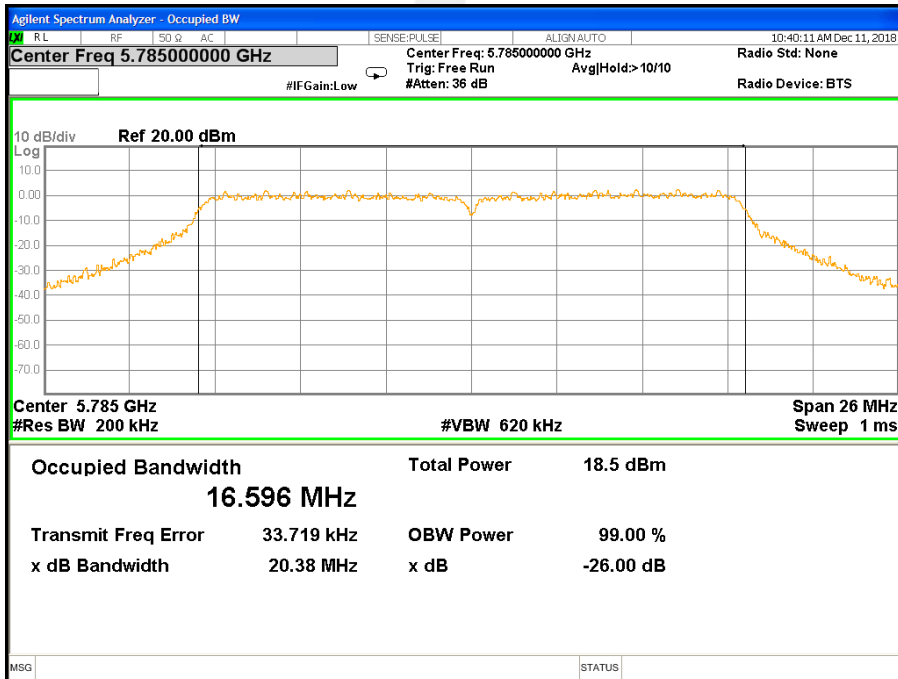


Antenna A

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

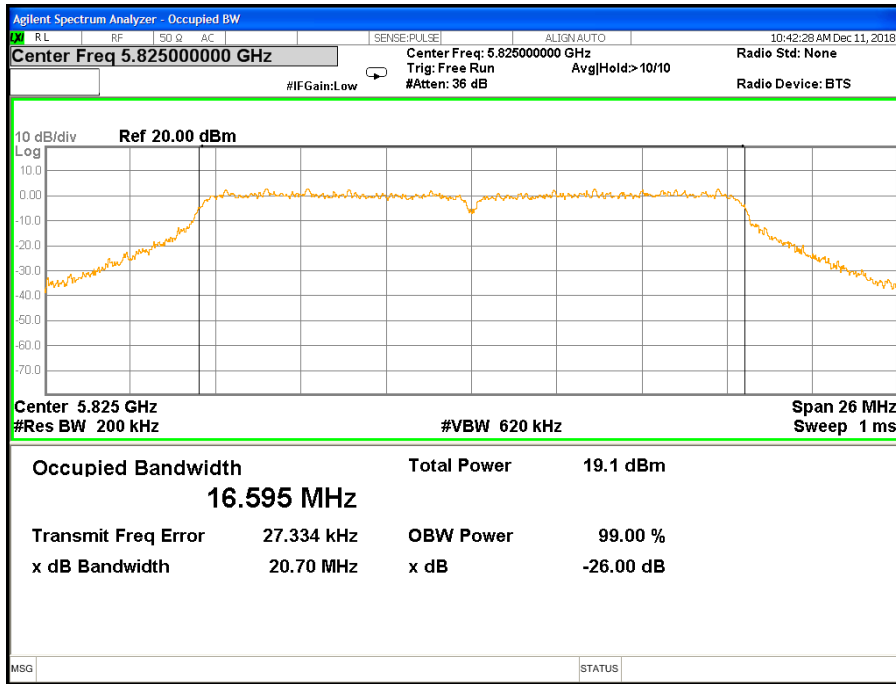


26 dB &99% Bandwidth 802.11a Channel 157



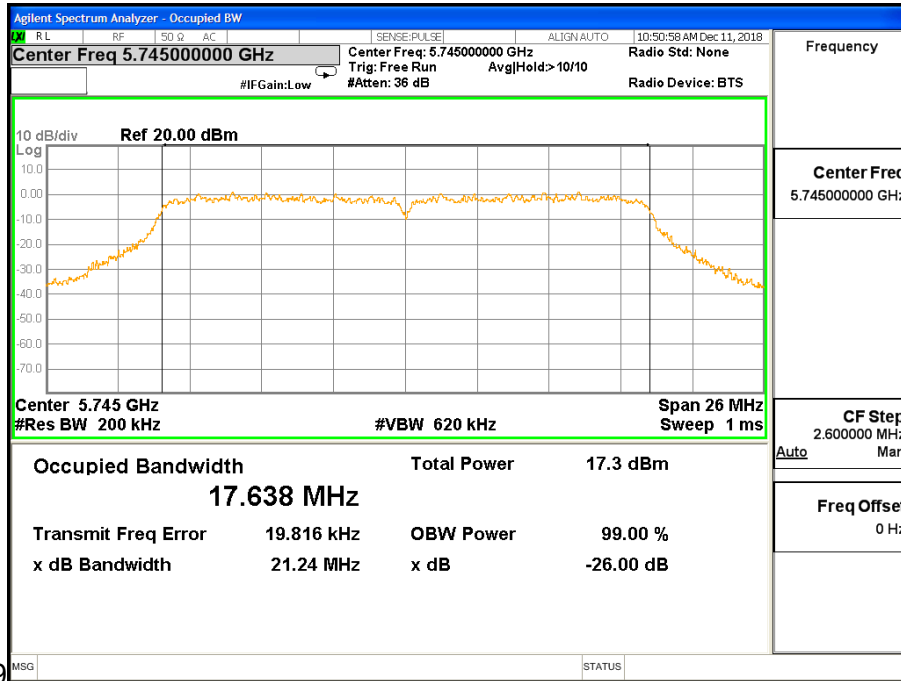


26 dB &99% Bandwidth 802.11a Channel 165

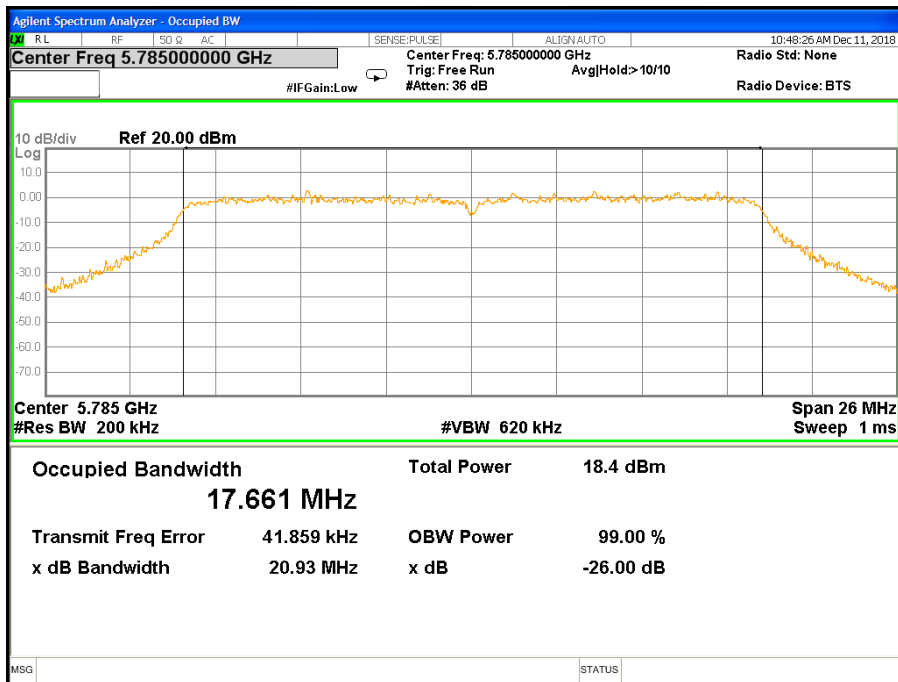




Band IV (5.725-5.850GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 149

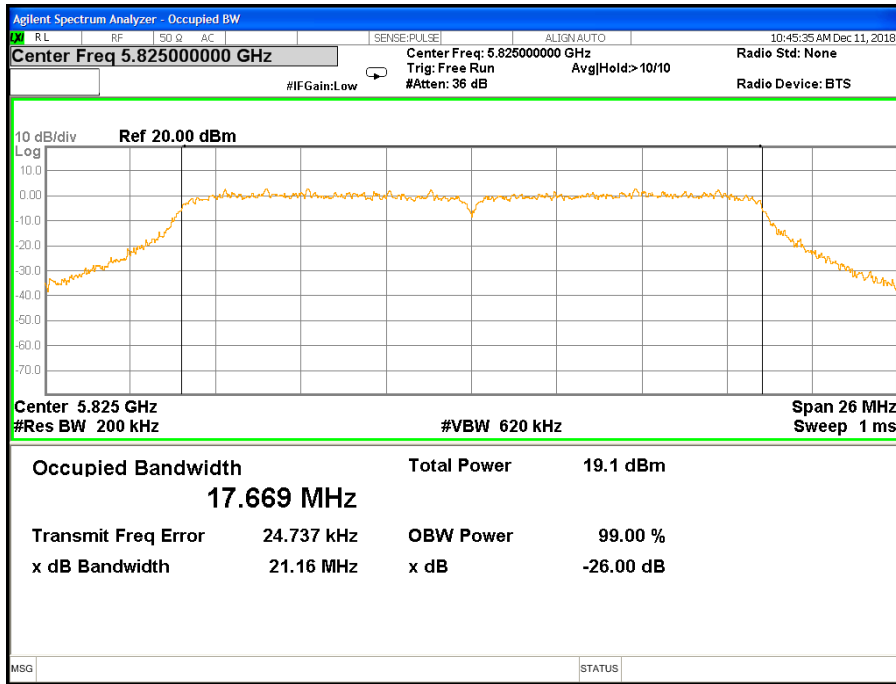


26 dB &99% Bandwidth 802.11n(HT20) Channel 157



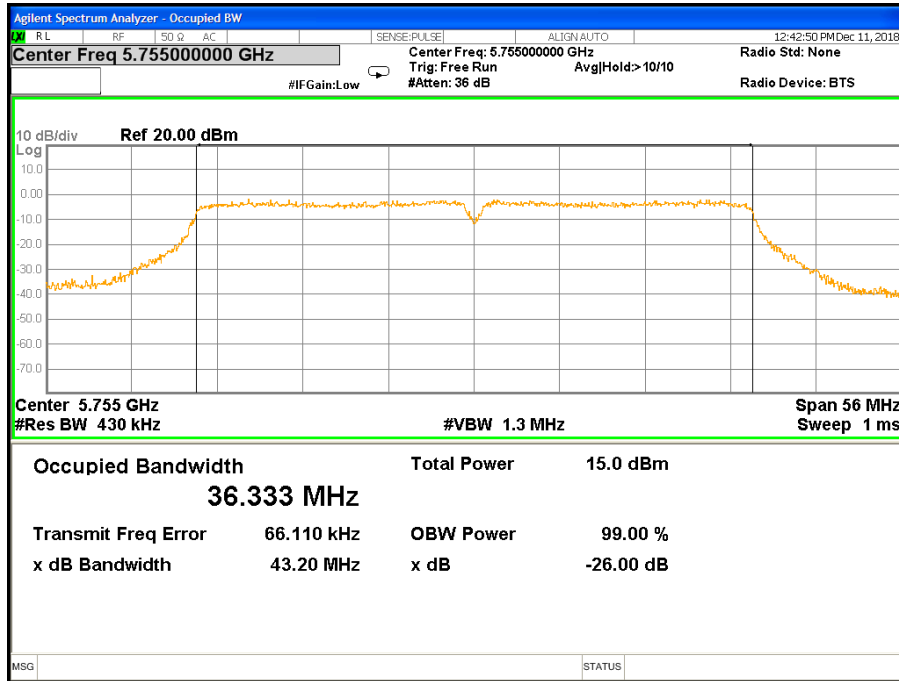


26 dB & 99% Bandwidth 802.11n(HT20) Channel 165

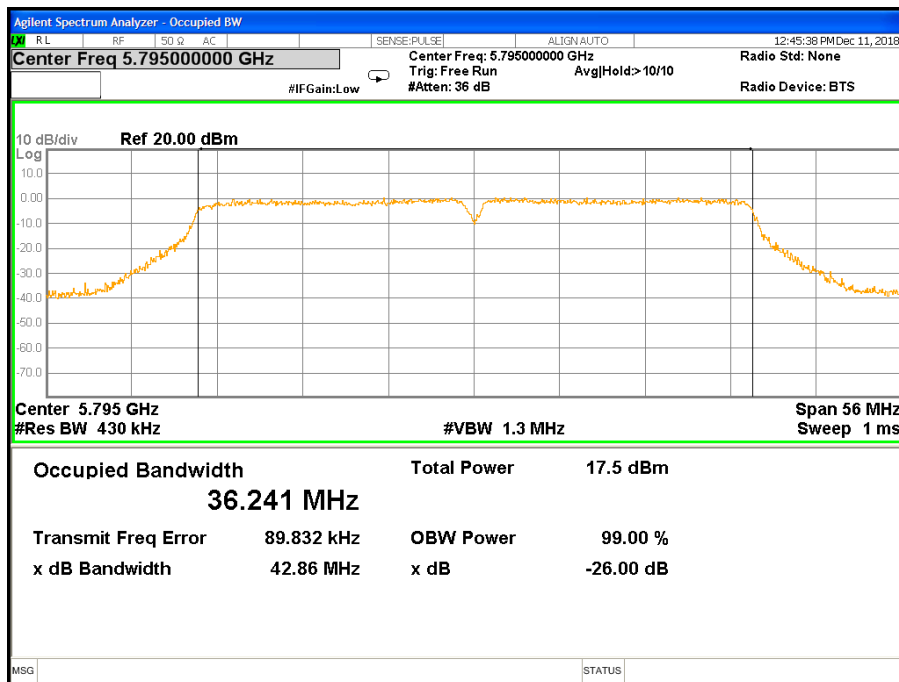




Band IV (5.725-5.850GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 151

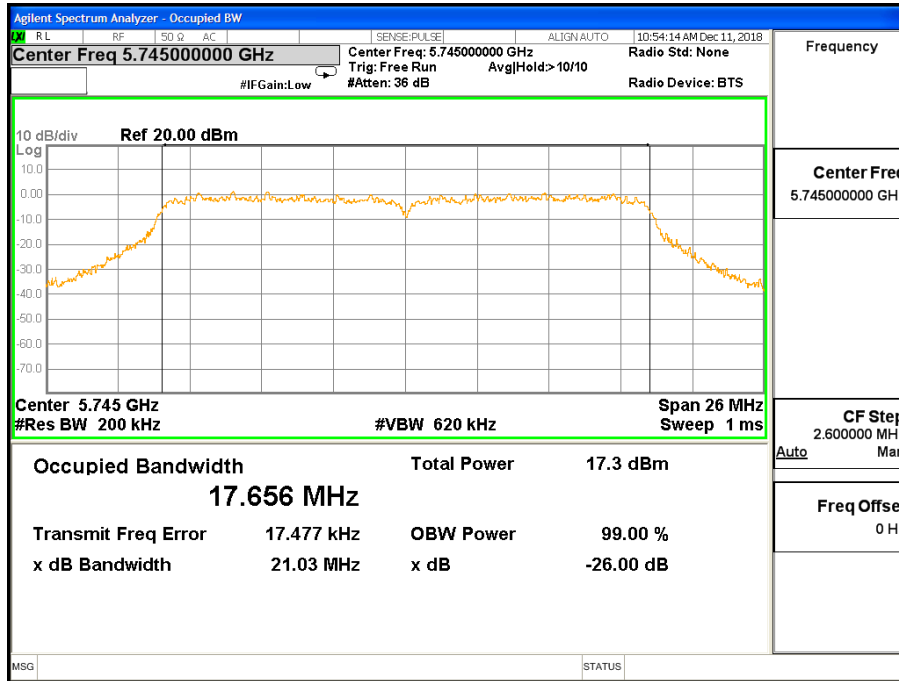


26 dB &99% Bandwidth 802.11n(HT40) Channel 159

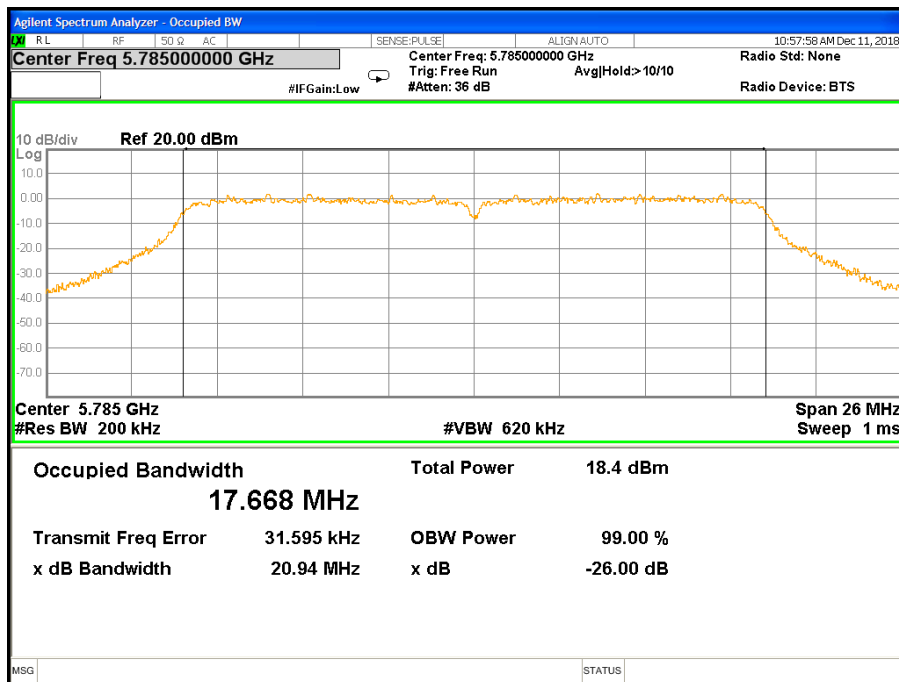




Band IV (5.725-5.850GHz) 802.11ac(VHT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT20) Channel 149

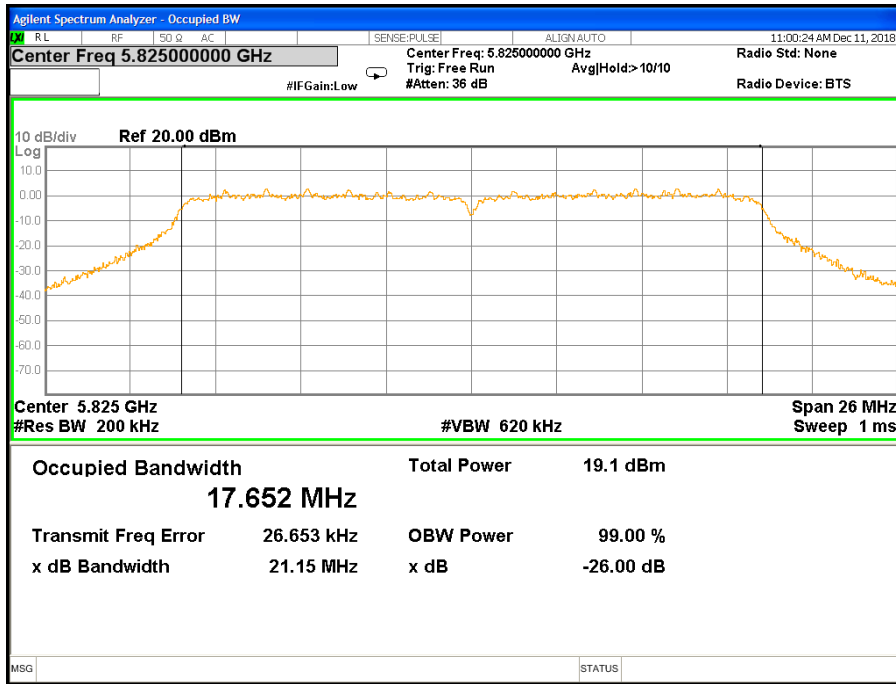


26 dB &99% Bandwidth 802.11ac(VHT20) Channel 157



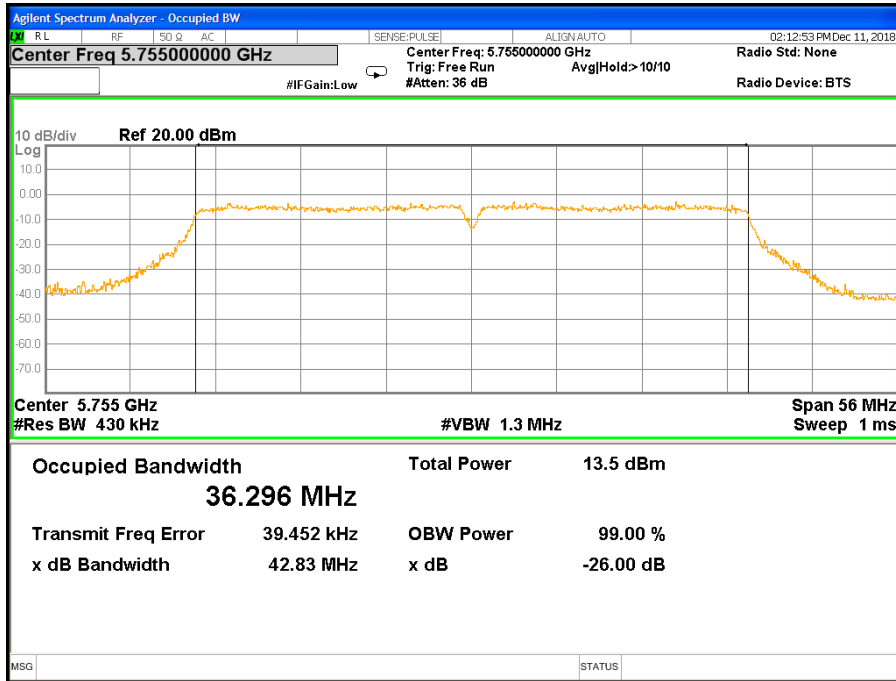


26 dB &99% Bandwidth 802.11ac(VHT20) Channel 165

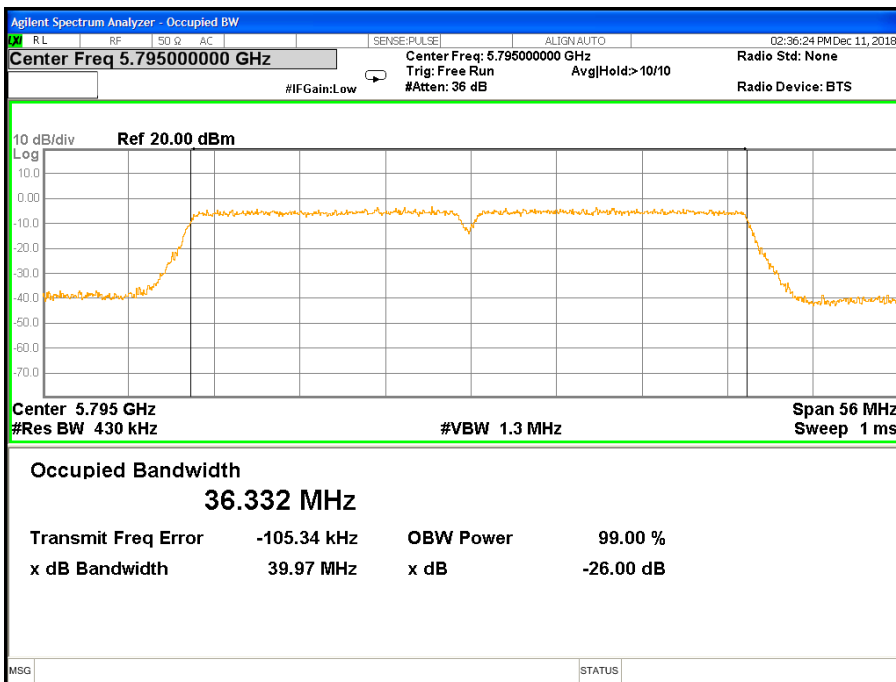




Band IV (5.725-5.850GHz) 802.11ac(VHT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT40) Channel 151



26 dB &99% Bandwidth 802.11ac(VHT40) Channel 159





Band IV (5.725-5.850GHz) 802.11ac(VHT80) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(VHT80) Channel 155

