



Note: Antenna A Power> Antenna B Power> Antenna C Power, Both antenna A, B and C 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	ANTENNA -C	
5180	18.92	18.90	18.88	Pass
5200	18.79	18.78	18.77	Pass
5240	18.83	18.81	18.82	Pass

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5180	19.67	19.65	19.65	Pass
5200	19.76	19.74	19.75	Pass
5240	19.67	19.66	19.62	Pass

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)			Pass/Fail
	Antenna -A	Antenna -B	Antenna -C	
5190	39.84	39.81	39.83	Pass
5230	39.78	39.73	39.74	Pass

Frequency (MHz)	802.11ac(VHT20) 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5180	19.68	19.65	19.65	Pass
5200	19.68	19.64	19.67	Pass
5240	19.81	19.79	19.80	Pass

Frequency (MHz)	802.11ac(VHT40) 26dB Bandwidth(MHz)			Pass/Fail
	Antenna -A	Antenna -B	Antenna -C	
5190	39.86	39.84	39.81	Pass
5230	39.92	39.89	39.90	Pass

Frequency (MHz)	802.11ac(VHT80) 26dB Bandwidth(MHz)			Pass/Fail
	Antenna -A	Antenna -B	Antenna -C	
5210	80.90	80.86	80.88	Pass

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5745	18.93	18.92	18.92	Pass
5785	18.80	18.75	18.80	Pass
5825	18.82	18.80	18.81	Pass

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5745	19.69	19.67	19.69	Pass
5785	19.71	19.70	19.66	Pass
5825	19.67	19.63	19.64	Pass

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5755	40.35	40.32	40.34	Pass
5795	40.10	40.09	40.06	Pass

Frequency (MHz)	802.11ac(VHT20) 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5745	19.67	19.66	19.63	Pass
5785	19.77	19.75	19.76	Pass
5825	19.73	19.72	19.68	Pass

Frequency (MHz)	802.11ac(VHT40) 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5755	40.06	40.01	40.05	Pass
5795	40.14	40.10	40.12	Pass

Frequency (MHz)	802.11ac(VHT80) 26dB Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5775	80.85	80.83	80.80	Pass

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5180	16.272	16.262	16.230	Pass
5200	16.256	16.208	16.211	Pass
5240	16.262	16.258	16.258	Pass

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5180	17.285	17.241	17.264	Pass
5200	17.280	17.265	17.243	Pass
5240	17.278	17.262	17.267	Pass

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)			Pass/Fail
	Antenna -A	Antenna -B	Antenna -C	
5190	35.554	35.533	35.543	Pass
5230	35.546	35.544	35.515	Pass

Frequency (MHz)	802.11ac(VHT20) 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5180	17.300	17.300	17.263	Pass
5200	17.292	17.281	17.250	Pass
5240	17.291	17.277	17.284	Pass

Frequency (MHz)	802.11ac(VHT40) 99% Bandwidth(MHz)			Pass/Fail
	Antenna -A	Antenna -B	Antenna -C	
5190	35.535	35.500	35.504	Pass
5230	35.510	35.495	35.497	Pass

Frequency (MHz)	802.11ac(VHT80) 99% Bandwidth(MHz)			Pass/Fail
	Antenna -A	Antenna -B	Antenna -C	
5210	74.996	74.986	74.948	Pass

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5745	16.266	16.230	16.241	Pass
5785	16.271	16.267	16.250	Pass
5825	16.274	16.240	16.256	Pass

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5745	17.293	17.289	17.263	Pass
5785	17.309	17.282	17.305	Pass
5825	17.296	17.261	17.264	Pass

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5755	40.35	40.346	40.348	Pass
5795	40.10	40.051	40.072	Pass

Frequency (MHz)	802.11ac(VHT20) 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5745	19.67	19.670	19.621	Pass
5785	19.77	19.733	19.725	Pass
5825	19.73	19.723	19.720	Pass

Frequency (MHz)	802.11ac(VHT40) 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5755	35.544	35.513	35.539	Pass
5795	35.574	35.573	35.532	Pass

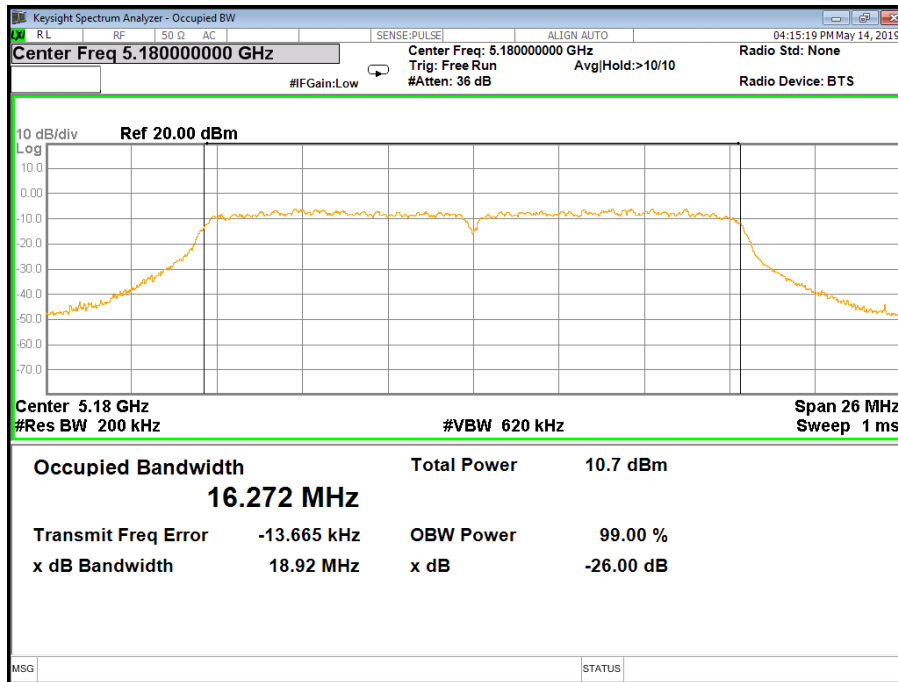
Frequency (MHz)	802.11ac(VHT80) 99% Bandwidth(MHz)			Pass/Fail
	ANTENNA -A	ANTENNA -B	ANTENNA -C	
5775	75.010	75.003	75.005	Pass



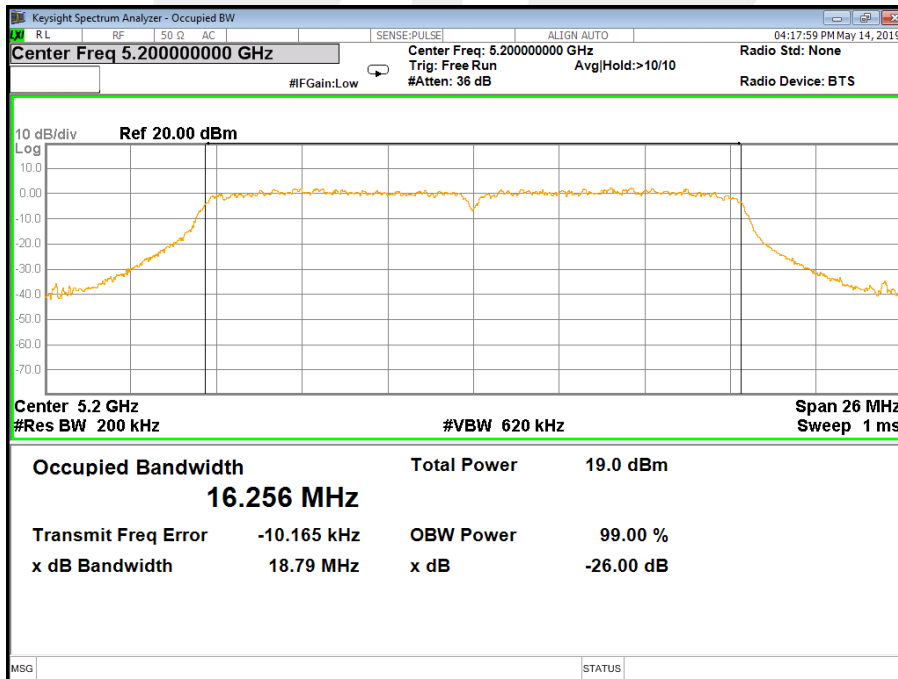
# Antenna A

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

26 dB &99% Bandwidth 802.11a Channel 36

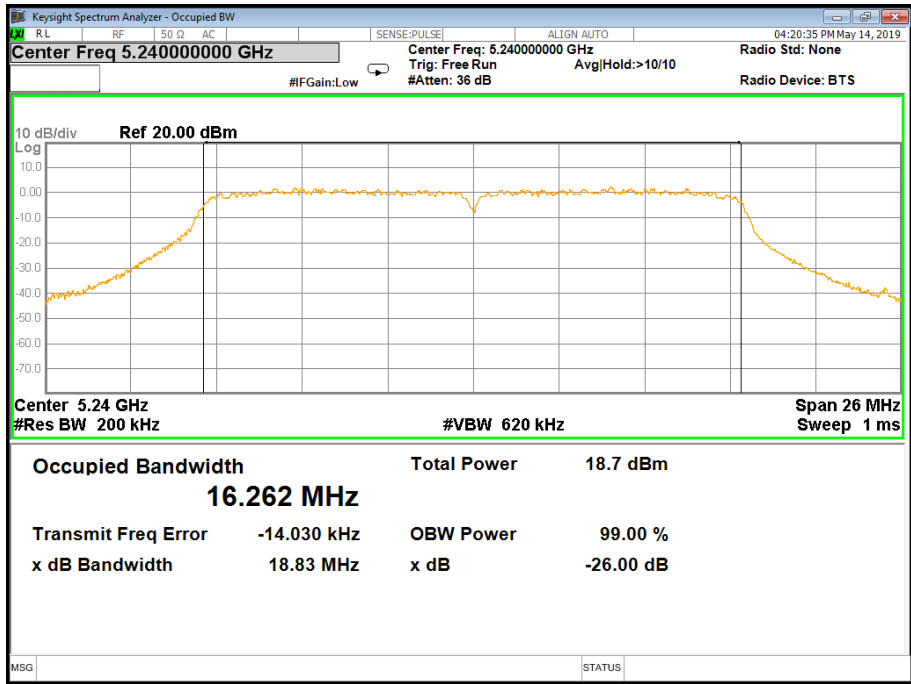


26 dB &99% Bandwidth 802.11a Channel 40



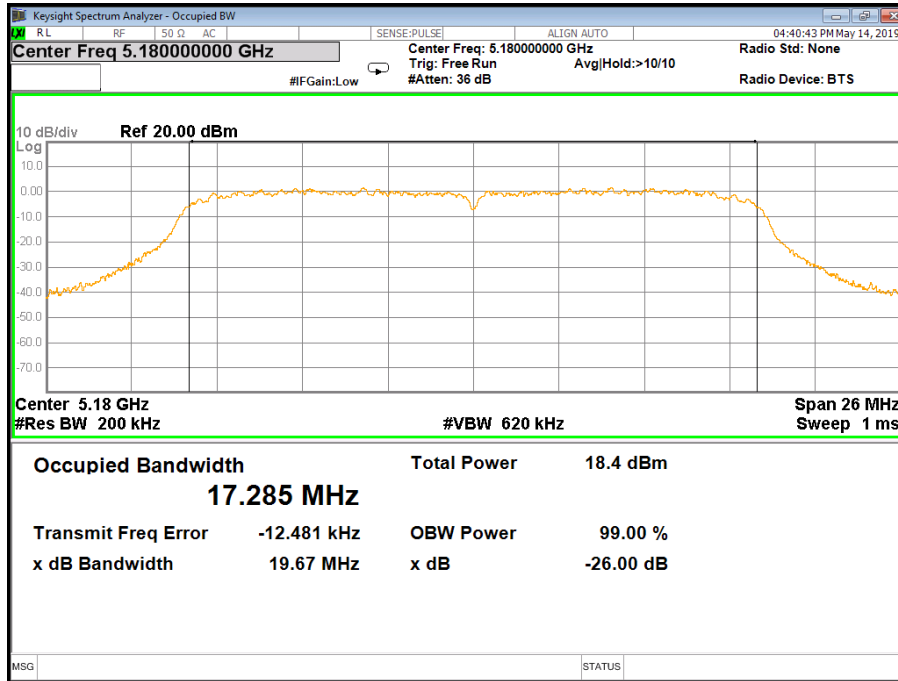


### 26 dB & 99% Bandwidth 802.11a Channel 48

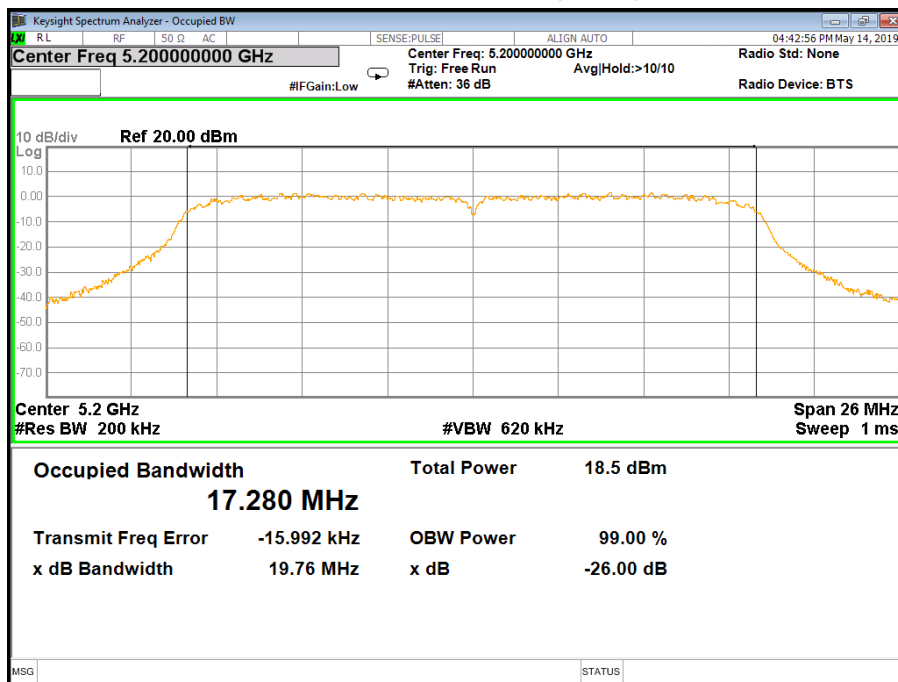




### Band I (5.150-5.250GHz) 802.11n(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT20) Channel 36

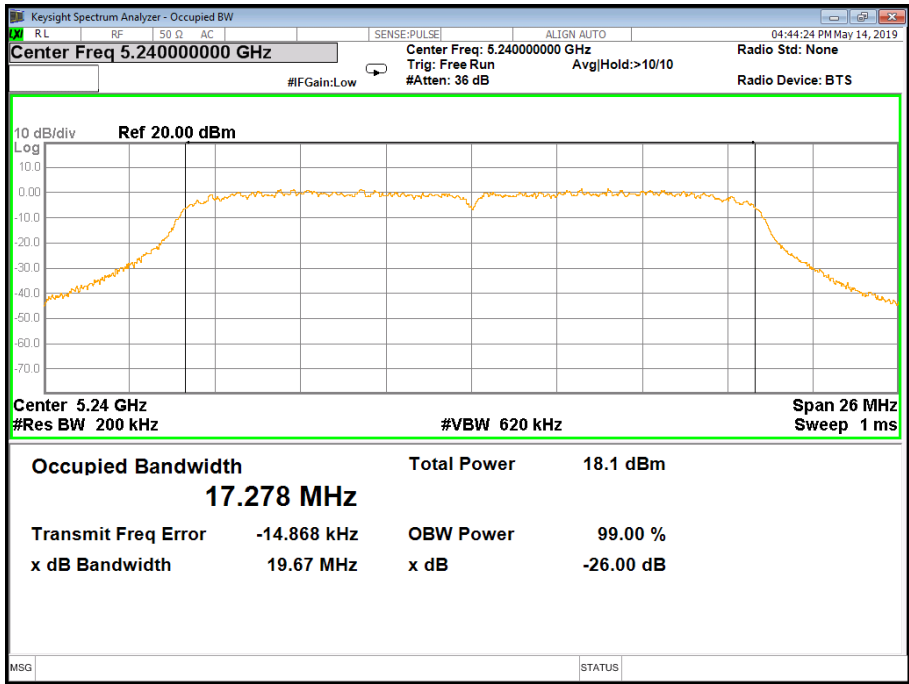


### 26 dB &99% Bandwidth 802.11n(HT20) Channel 40





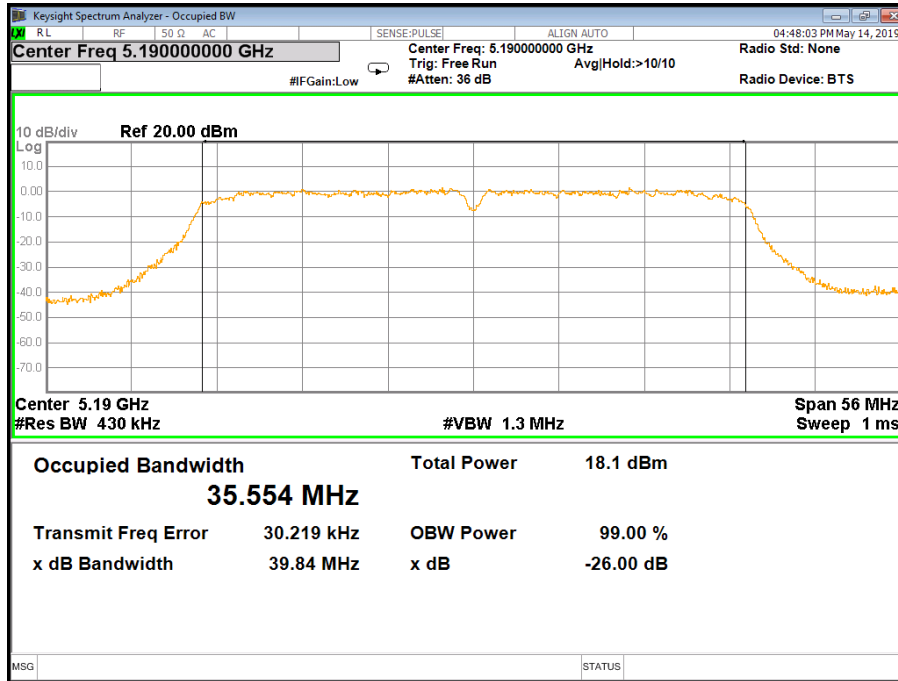
### 26 dB & 99% Bandwidth 802.11n(HT20) Channel 48



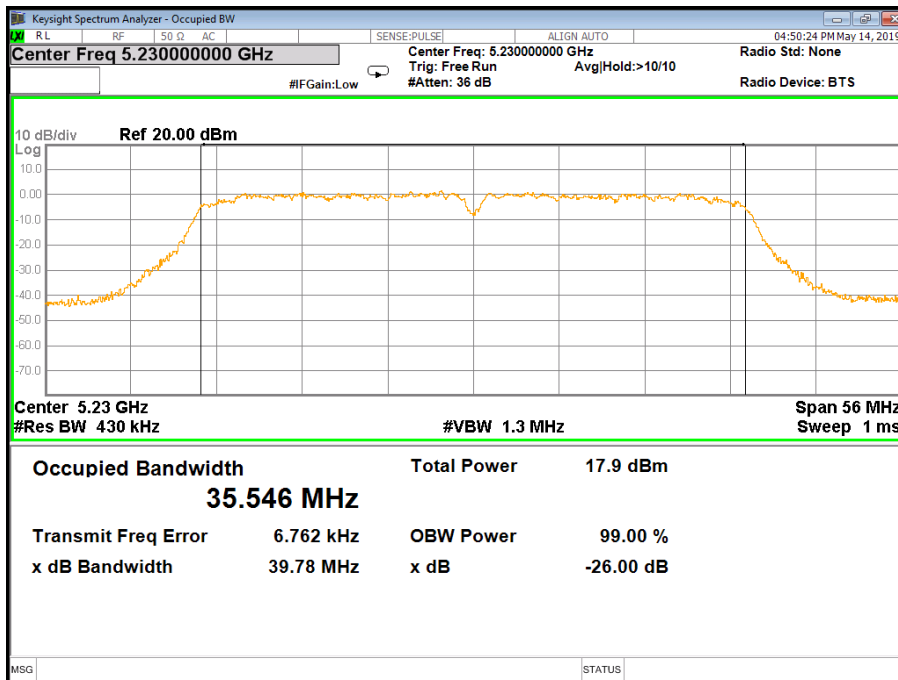




### Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 38

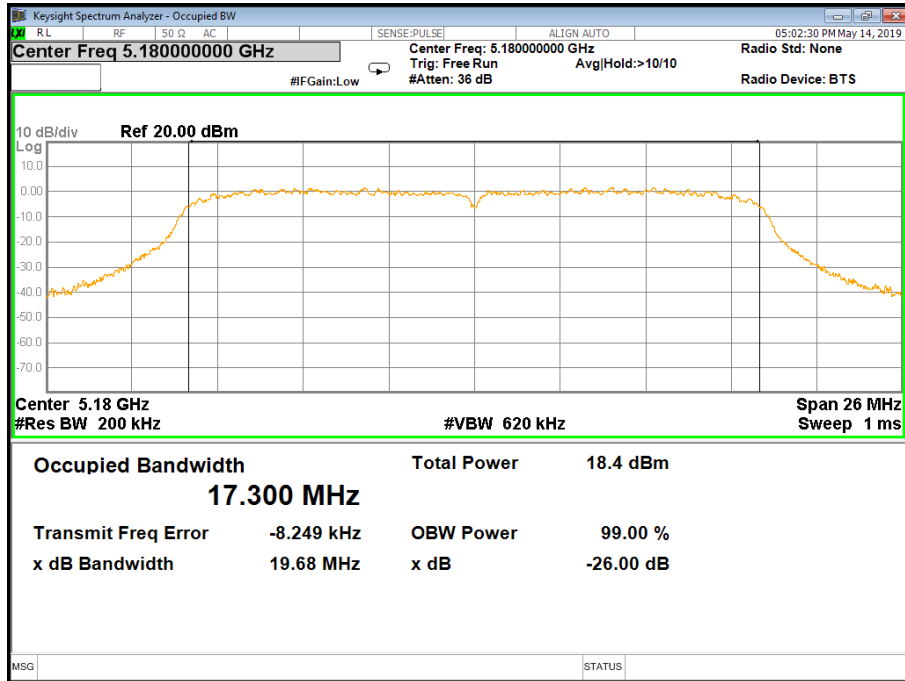


### 26 dB &99% Bandwidth 802.11n(HT40) Channel 46

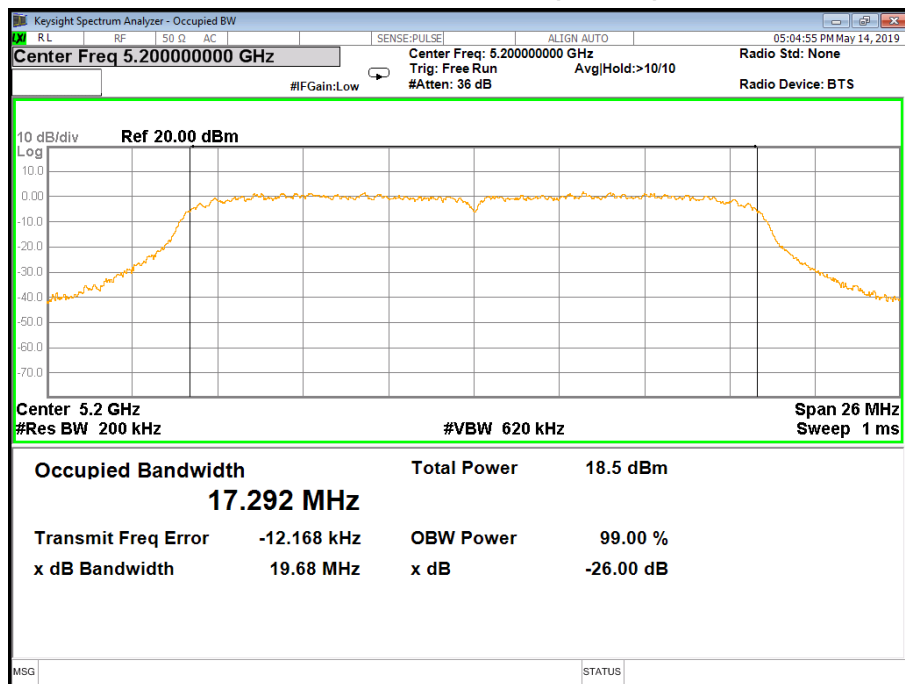




### Band I (5.150-5.250GHz) 802.11ac(VHT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT20) Channel 36

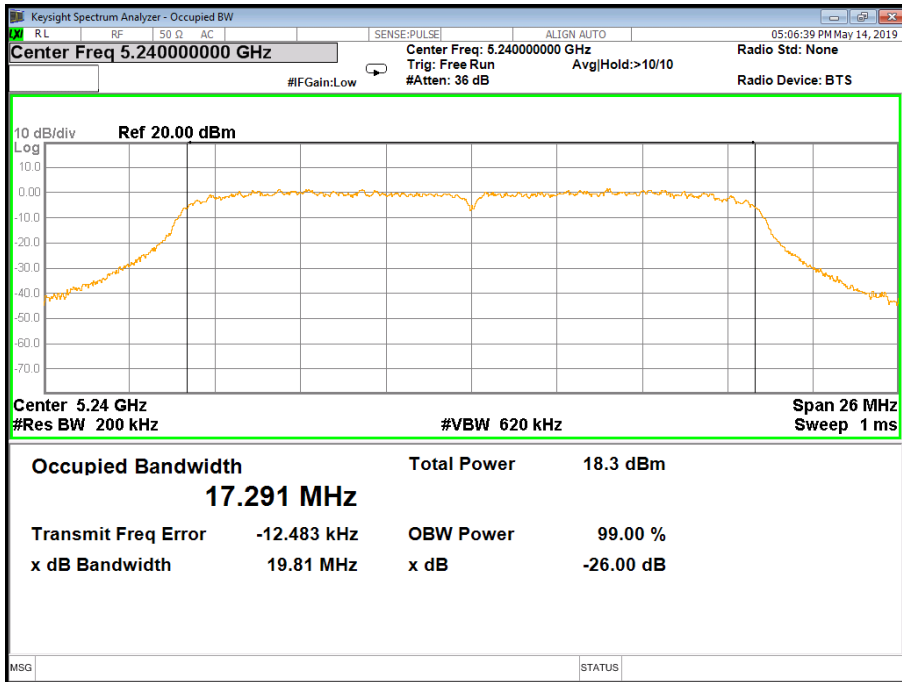


### 26 dB &99% Bandwidth 802.11ac(VHT20) Channel 40



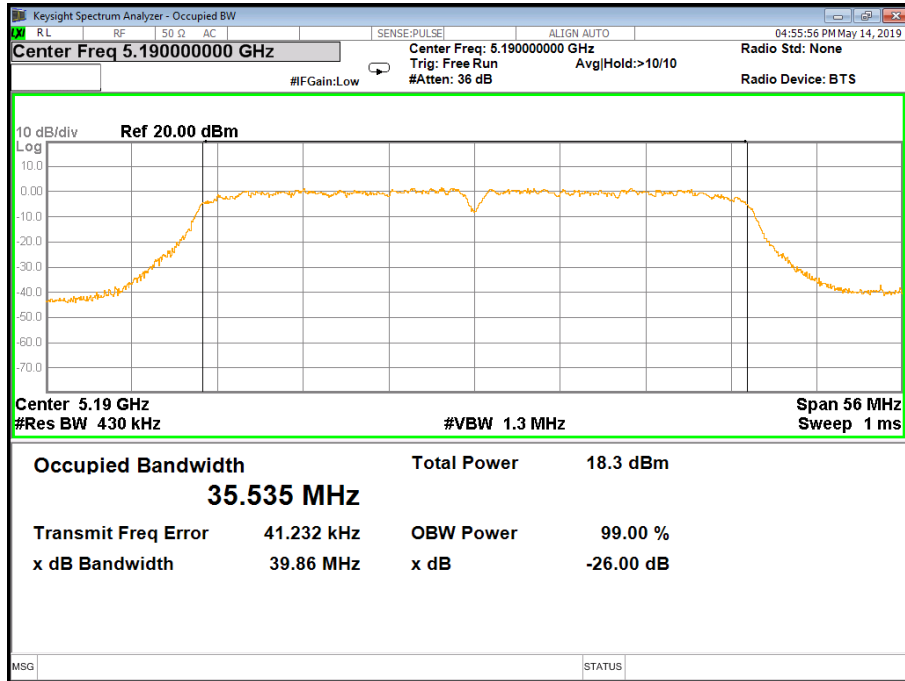


### 26 dB & 99% Bandwidth 802.11ac(VHT20) Channel 48

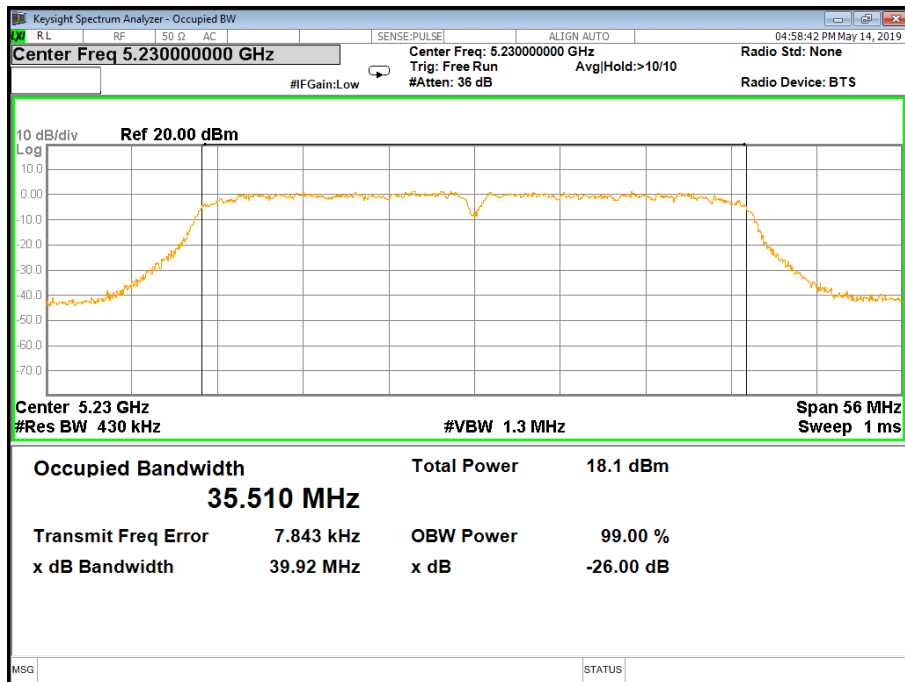




### Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT40) Channel 38

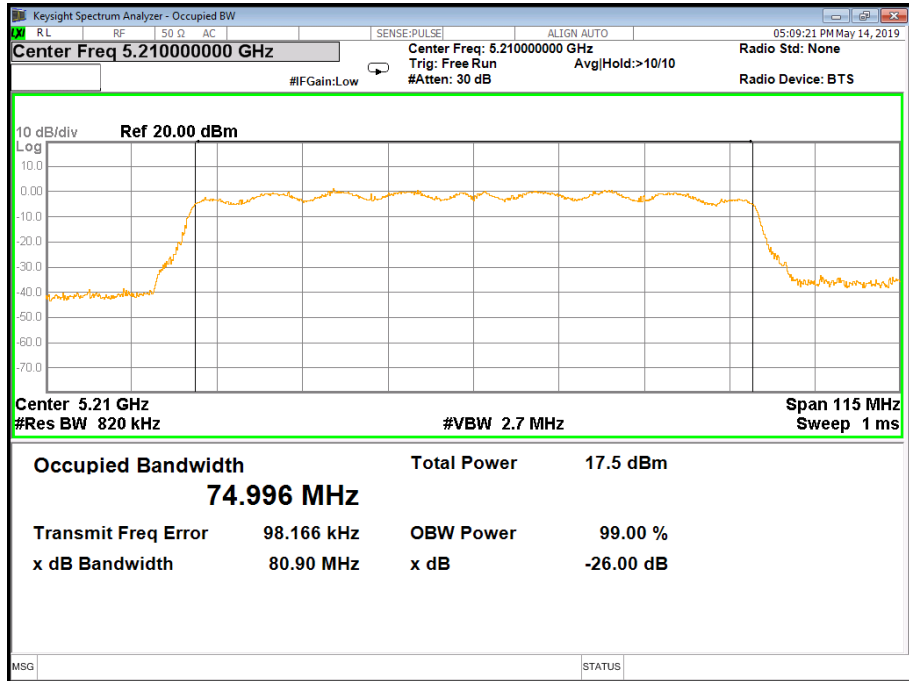


### 26 dB &99% Bandwidth 802.11ac(VHT40) Channel 46



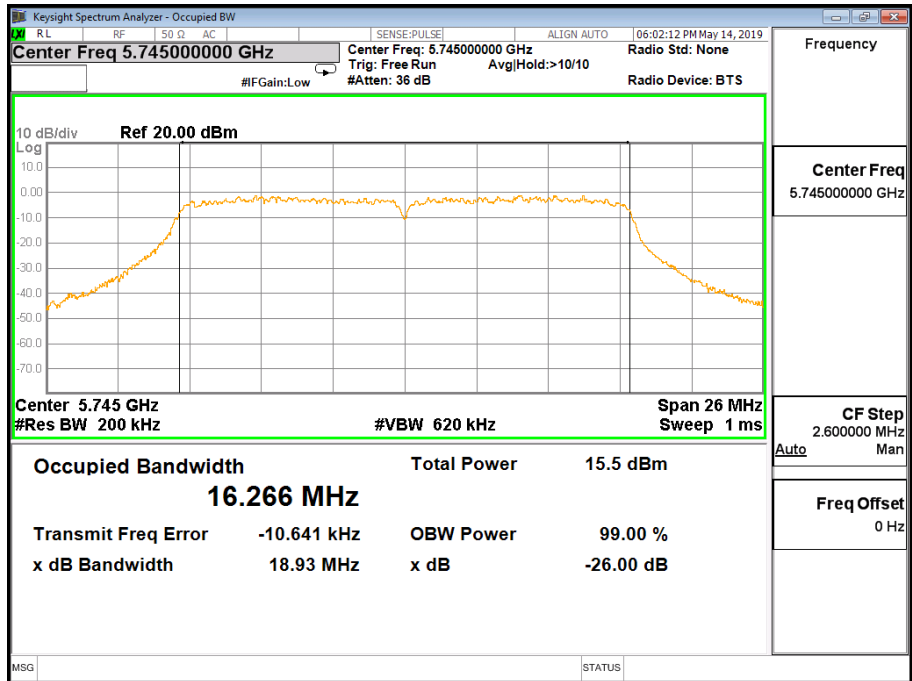


**Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth**  
**26 dB &99% Bandwidth 802.11ac(VHT80) Channel 42**

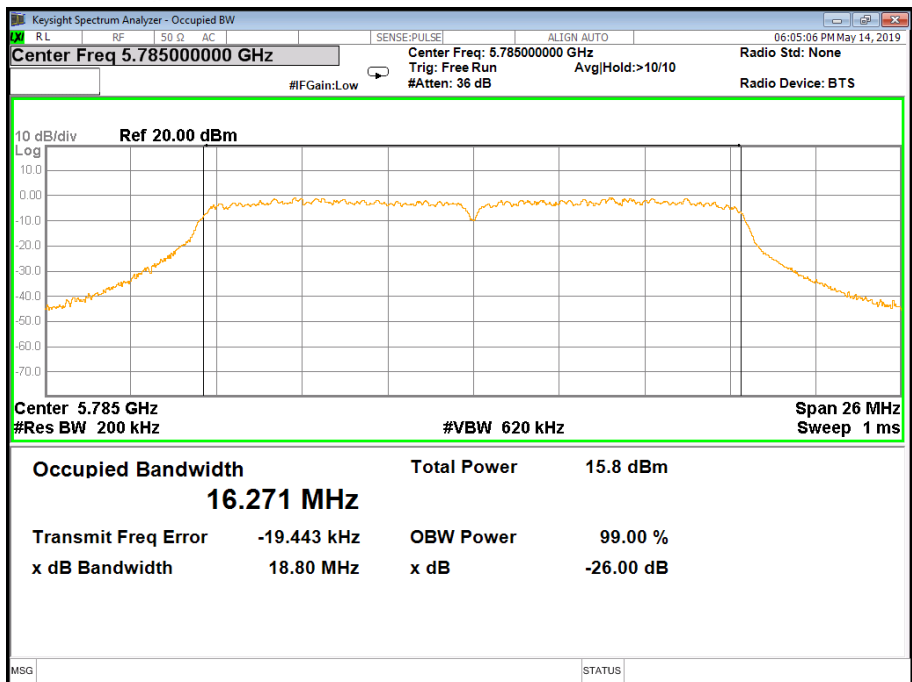




### Band IV (5.725-5.850GHz) 802.11a, 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11a Channel 149

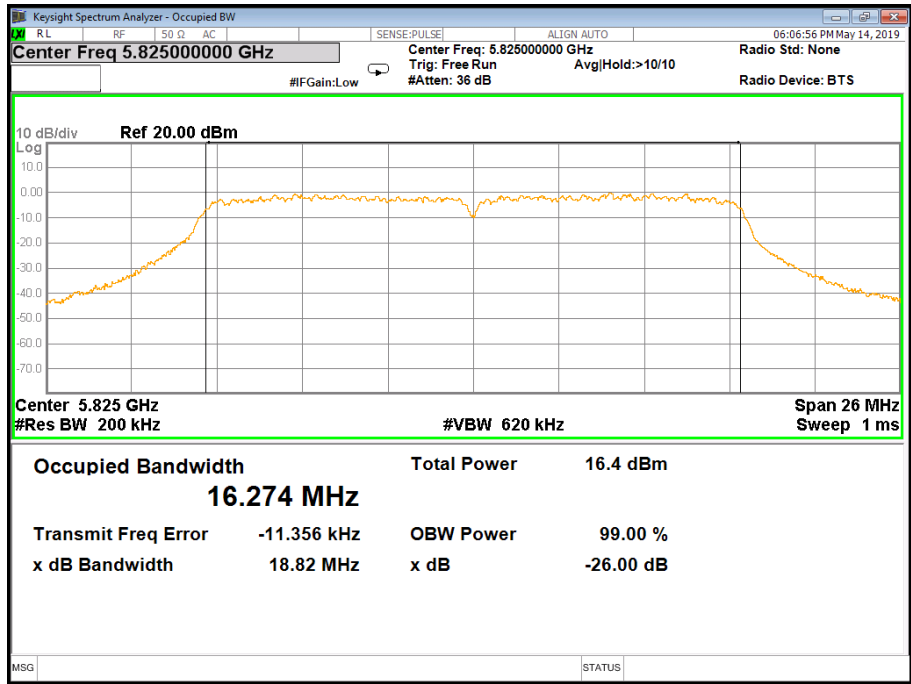


### 26 dB &99% Bandwidth 802.11a Channel 157



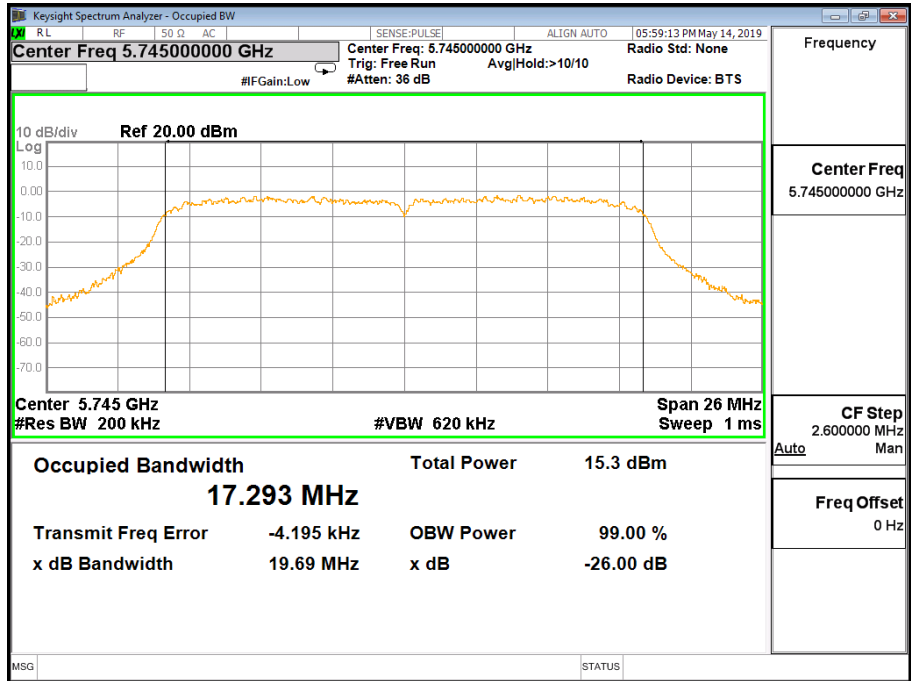


### 26 dB &99% Bandwidth 802.11a Channel 165

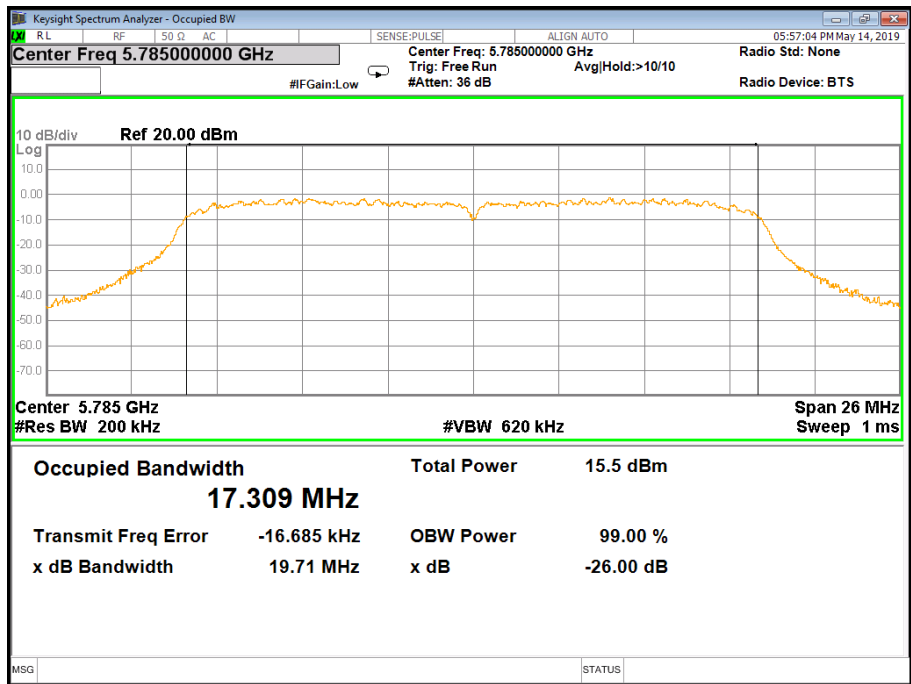




Band IV (5.725-5.850GHz) 802.11n(HT20) 26 dB &99% Bandwidth  
26 dB &99% Bandwidth 802.11n(HT20) Channel 149



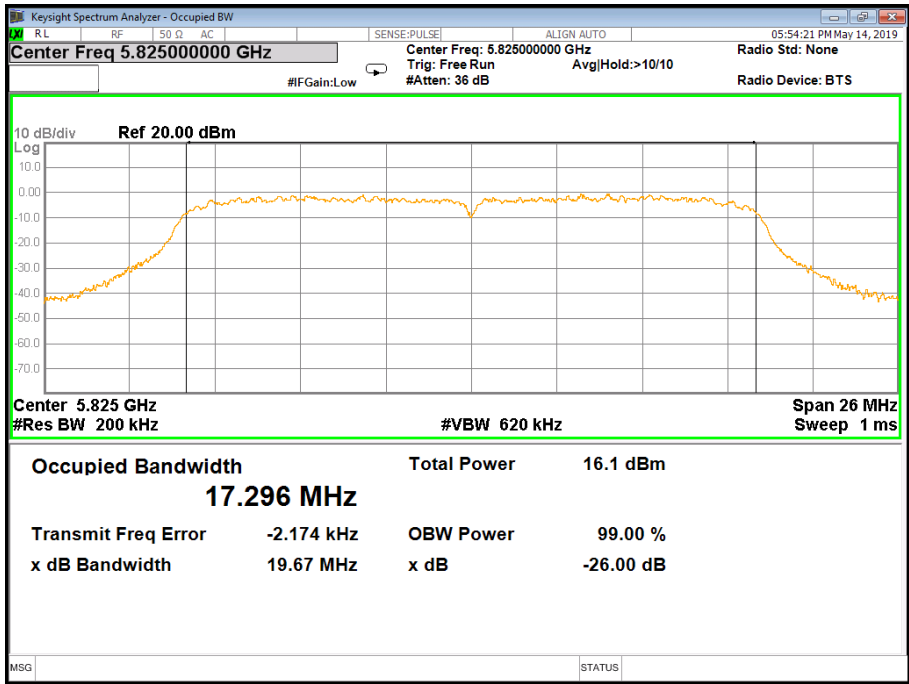
26 dB &99% Bandwidth 802.11n(HT20) Channel 157





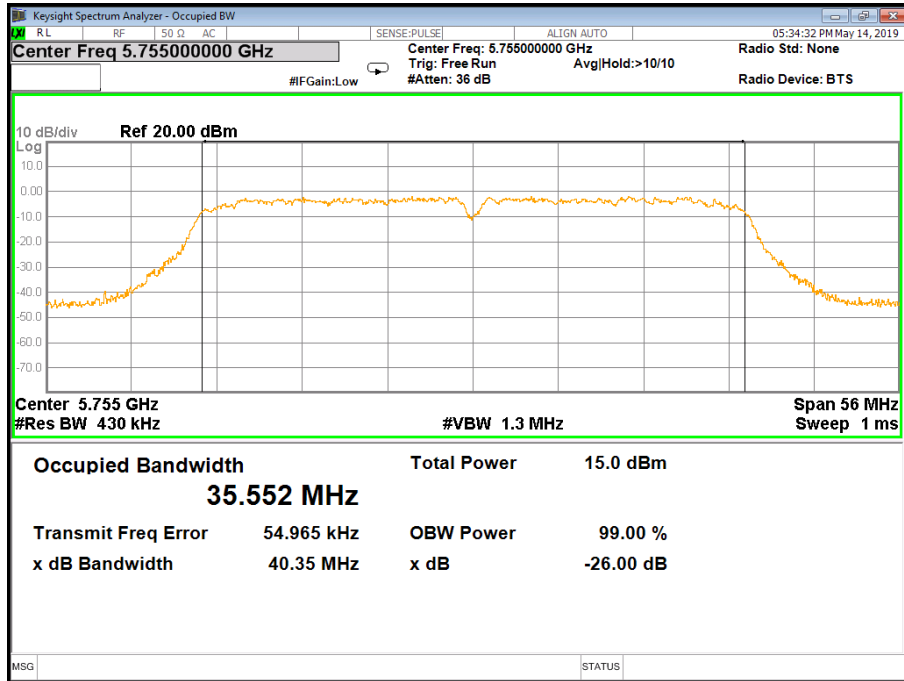


### 26 dB &99% Bandwidth 802.11n(HT20) Channel 165

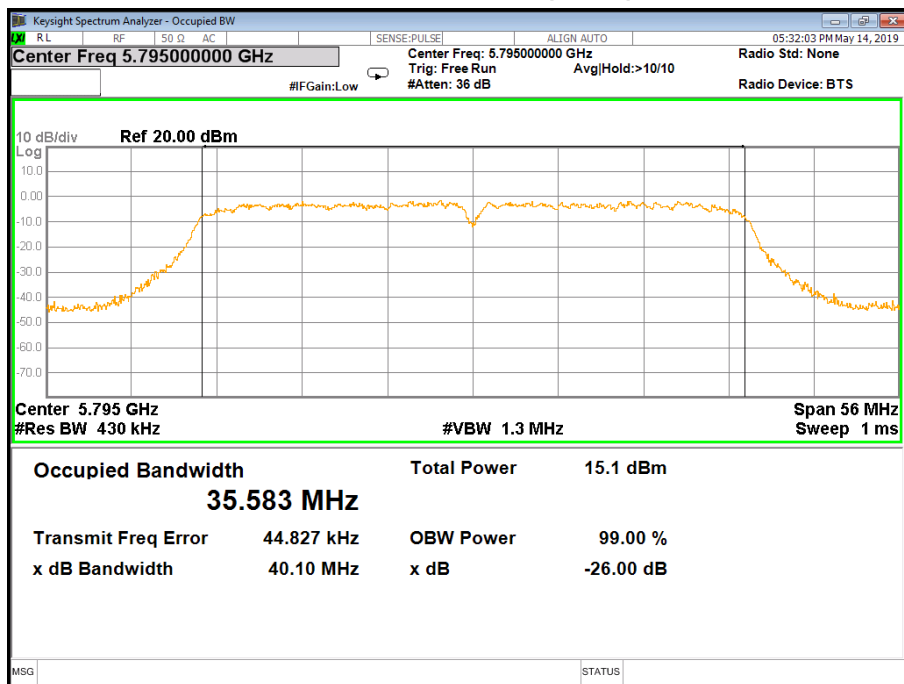




### Band IV (5.725-5.850GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 151

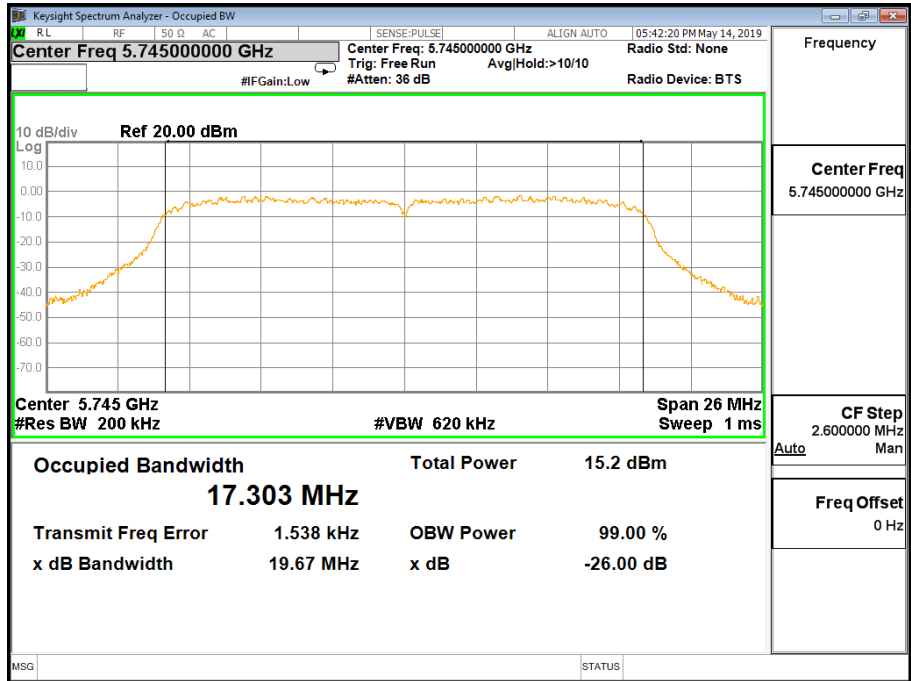


### 26 dB &99% Bandwidth 802.11n(HT40) Channel 159

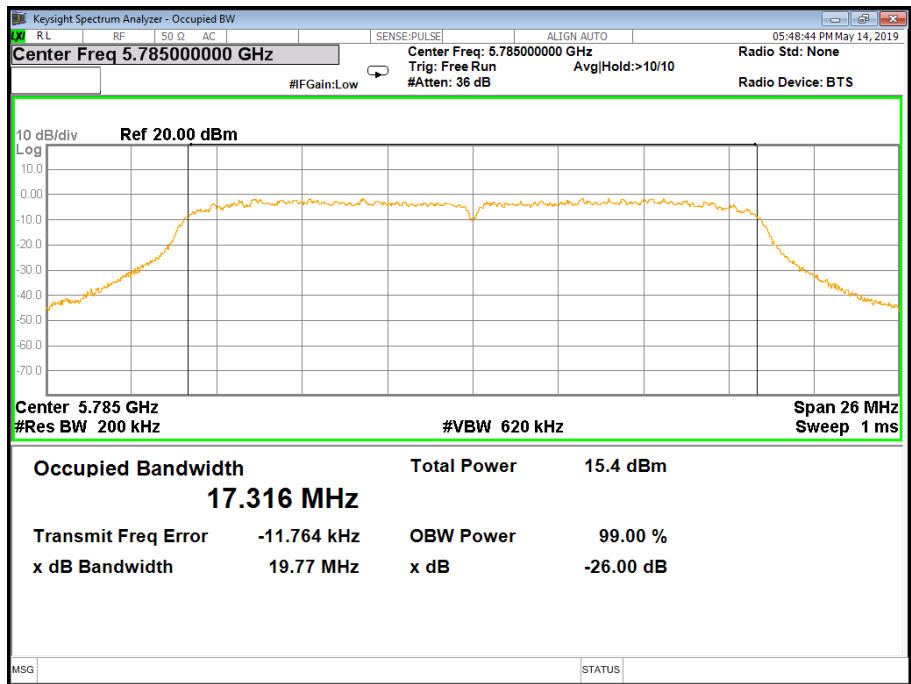




Band IV (5.725-5.850GHz) 802.11ac(HT20) 26 dB &99% Bandwidth  
26 dB &99% Bandwidth 802.11ac(HT20) Channel 149

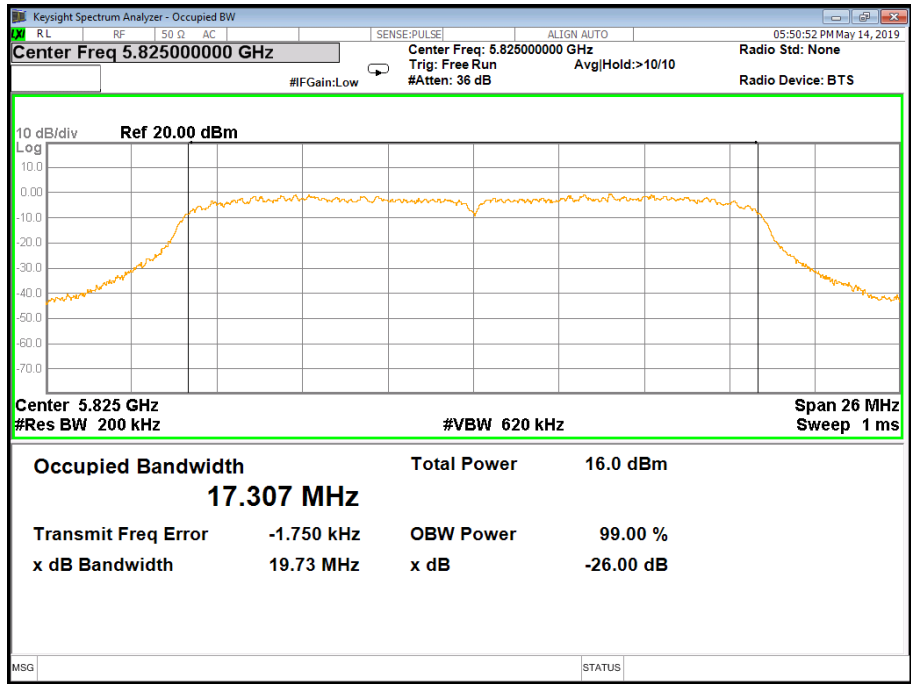


26 dB &99% Bandwidth 802.11ac(HT20) Channel 157



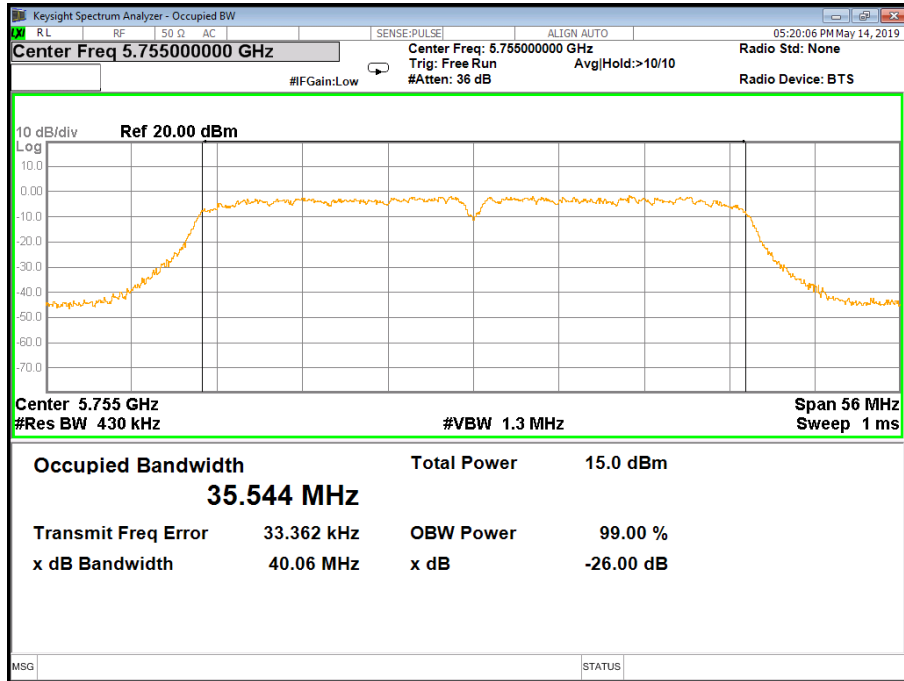


### 26 dB & 99% Bandwidth 802.11ac(HT20) Channel 165

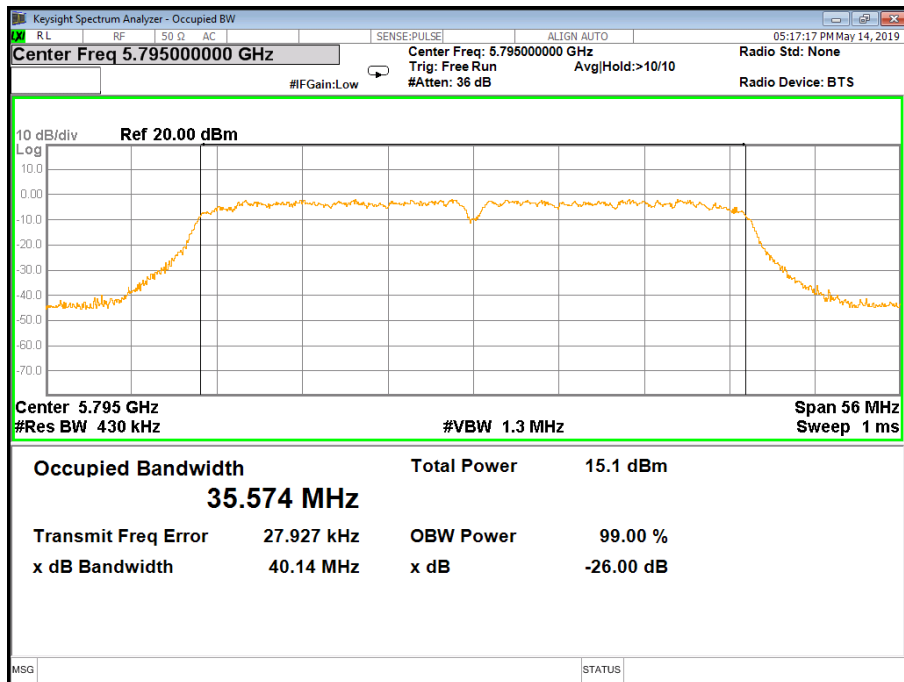




### Band IV (5.725-5.850GHz) 802.11ac(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(HT40) Channel 151



### 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**

