



NOTE: Antenna B Power > Antenna A Power, Both antenna A and B have been test, only shown the worst case.

Band I (5.150-5.250GHz) 26dB Bandwidth

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5180	21.09	21.12	Pass
5200	21.42	21.47	Pass
5240	22.18	22.18	Pass

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5180	22.52	22.55	Pass
5200	21.89	21.90	Pass
5240	21.77	21.79	Pass

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5190	41.26	41.27	Pass
5230	41.28	41.32	Pass

Frequency (MHz)	802.11ac(VHT20) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5180	22.16	22.17	Pass
5200	21.53	21.54	Pass
5240	22.03	22.04	Pass

Frequency (MHz)	802.11ac(VHT40) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5190	41.02	41.03	Pass
5230	48.20	48.22	Pass

Frequency (MHz)	802.11ac(VHT80) 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5210	87.67	87.69	Pass

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5260	22.13	22.17	Pass
5300	22.11	22.14	Pass
5320	21.85	21.89	Pass

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5260	21.99	22.00	Pass
5300	22.01	22.02	Pass
5320	21.96	21.98	Pass

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5270	41.23	41.27	Pass
5310	41.05	41.06	Pass

Frequency (MHz)	802.11ac(VHT20) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5260	21.74	21.77	Pass
5300	21.79	21.82	Pass
5320	22.00	22.04	Pass

Frequency (MHz)	802.11ac(VHT40) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5270	41.82	41.84	Pass
5310	41.71	41.72	Pass

Frequency (MHz)	802.11ac(VHT80) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5290	80.81	80.84	Pass

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

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)		Pass/Fail
	ANTENNA -A	ANTENNA -B	
5500	23.77	23.82	Pass
5580	22.17	22.22	Pass
5700	22.88	22.89	Pass

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5500	23.14	23.17	Pass
5580	23.08	23.09	Pass
5700	21.64	21.68	Pass

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5510	44.13	44.17	PASS
5550	44.25	44.30	PASS
5670	42.22	42.24	PASS

Frequency (MHz)	802.11ac(VHT20) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5500	23.98	23.99	PASS
5580	23.80	23.82	PASS
5700	23.87	23.89	PASS

Frequency (MHz)	802.11ac(VHT40) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5510	43.82	43.83	PASS
5550	43.40	43.41	PASS
5670	41.87	41.88	PASS

Frequency (MHz)	802.11ac(VHT80) 26dB Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5530	81.10	81.12	PASS
5610	80.80	80.83	PASS

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5180	16.361	16.396	PASS
5200	16.366	16.398	PASS
5240	16.414	16.419	PASS

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5180	17.591	17.601	PASS
5200	17.558	17.593	PASS
5240	17.552	17.587	PASS

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5190	35.998	36.026	PASS
5230	36.093	36.108	PASS

Frequency (MHz)	802.11ac(VHT20) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5180	17.567	17.595	PASS
5200	17.590	17.596	PASS
5240	17.574	17.594	PASS

Frequency (MHz)	802.11ac(VHT40) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5190	35.996	36.004	PASS
5230	36.052	36.054	PASS

Frequency (MHz)	802.11ac(VHT80) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5210	75.337	75.379	PASS

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5260	16.404	16.415	PASS
5300	16.390	16.430	PASS
5320	16.402	16.414	PASS

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5260	17.592	17.593	PASS
5300	17.537	17.585	PASS
5320	17.547	17.569	PASS

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5270	36.068	36.077	PASS
5310	35.997	36.035	PASS

Frequency (MHz)	802.11ac(VHT20) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5260	17.549	17.596	PASS
5300	17.571	17.597	PASS
5320	17.588	17.597	PASS

Frequency (MHz)	802.11ac(VHT40) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5270	36.003	36.041	PASS
5310	35.982	36.004	PASS

Frequency (MHz)	802.11ac(VHT80) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5290	75.362	75.370	PASS

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

Frequency (MHz)	802.11a 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5500	16.482	16.487	PASS
5580	16.435	16.468	PASS
5700	16.415	16.431	PASS

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5500	17.625	17.643	PASS
5580	17.608	17.633	PASS
5700	17.590	17.592	PASS

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5510	36.095	36.132	PASS
5550	36.054	36.092	PASS
5670	36.046	36.083	PASS

Frequency (MHz)	802.11ac(VHT20) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5500	17.610	17.640	PASS
5580	17.586	17.621	PASS
5700	17.575	17.596	PASS

Frequency (MHz)	802.11ac(VHT40) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5510	36.091	36.091	PASS
5550	36.051	36.082	PASS
5670	36.030	36.074	PASS

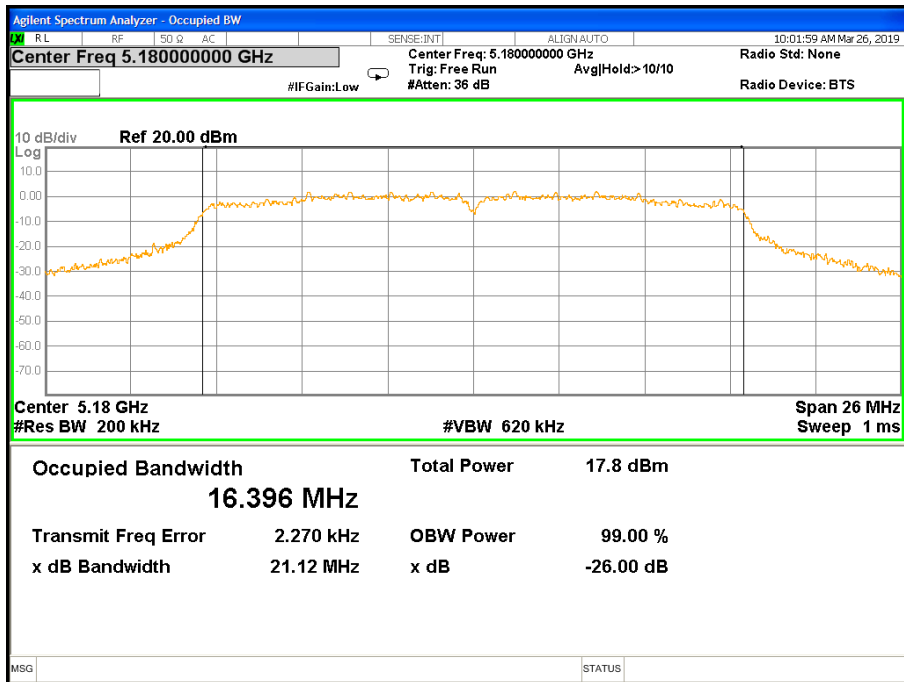
Frequency (MHz)	802.11ac(VHT80) 99% Bandwidth(MHz)		Pass/Fail
	Antenna -A	Antenna -B	
5530	75.333	75.359	PASS
5610	75.318	75.347	PASS



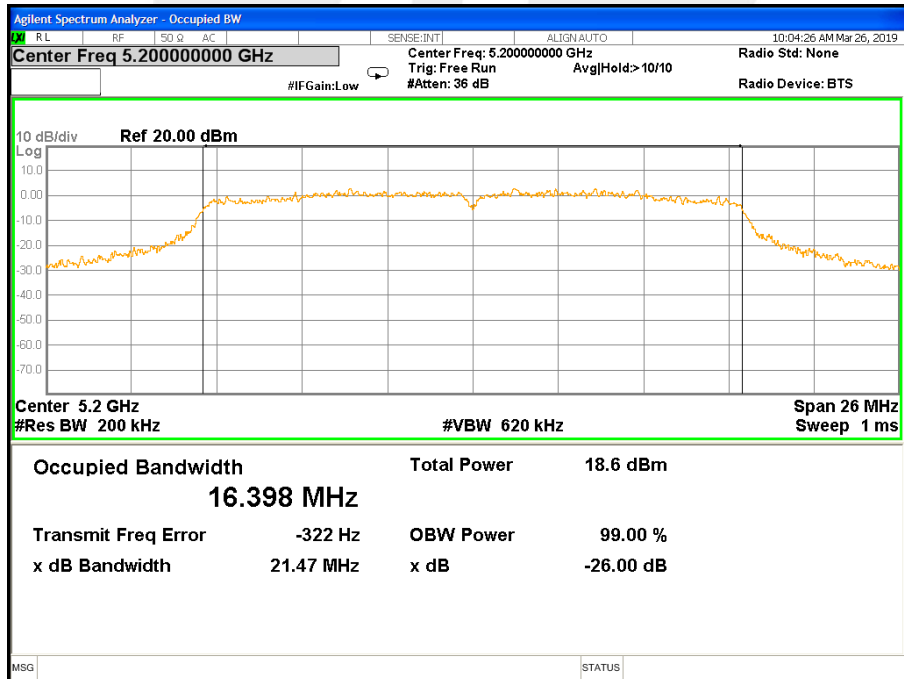
Antenna B

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

26 dB &99% Bandwidth 802.11a Channel 36

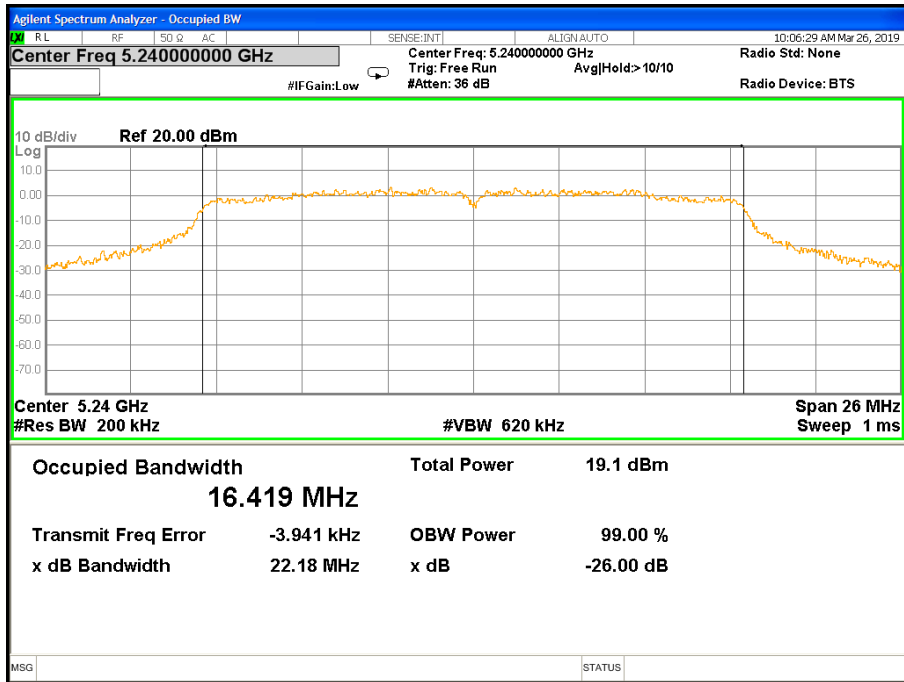


26 dB &99% Bandwidth 802.11a Channel 40



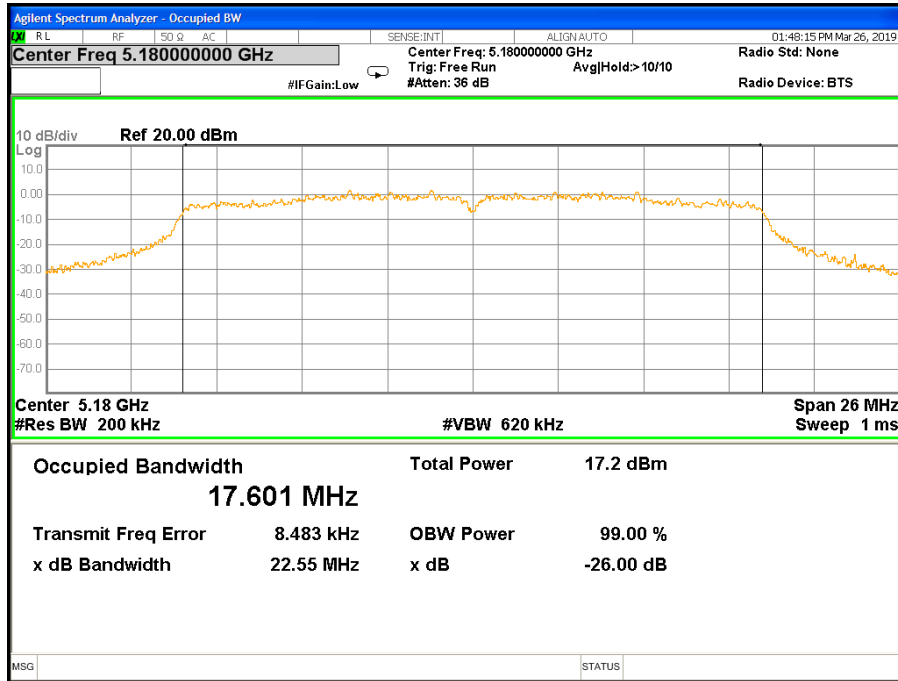


26 dB & 99% Bandwidth 802.11a Channel 48

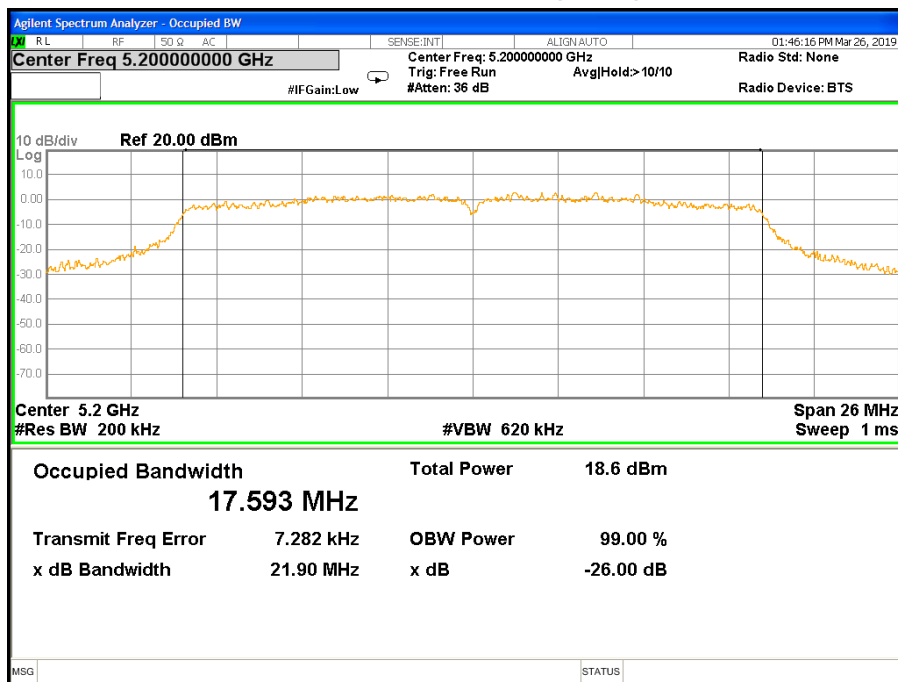




Band I (5.150-5.250GHz) 802.11n(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT20) Channel 36

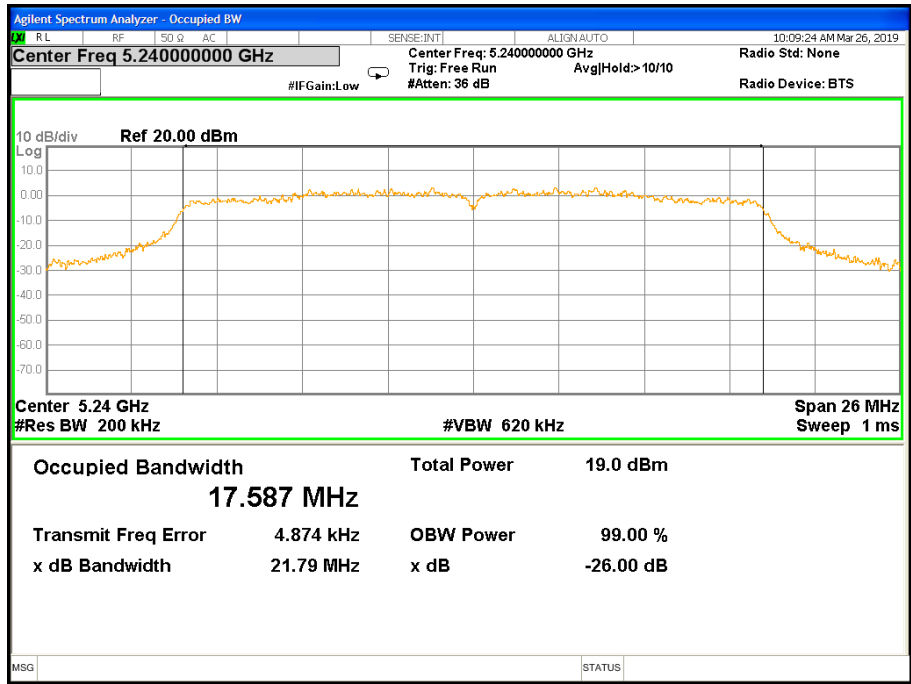


26 dB &99% Bandwidth 802.11n(HT20) Channel 40



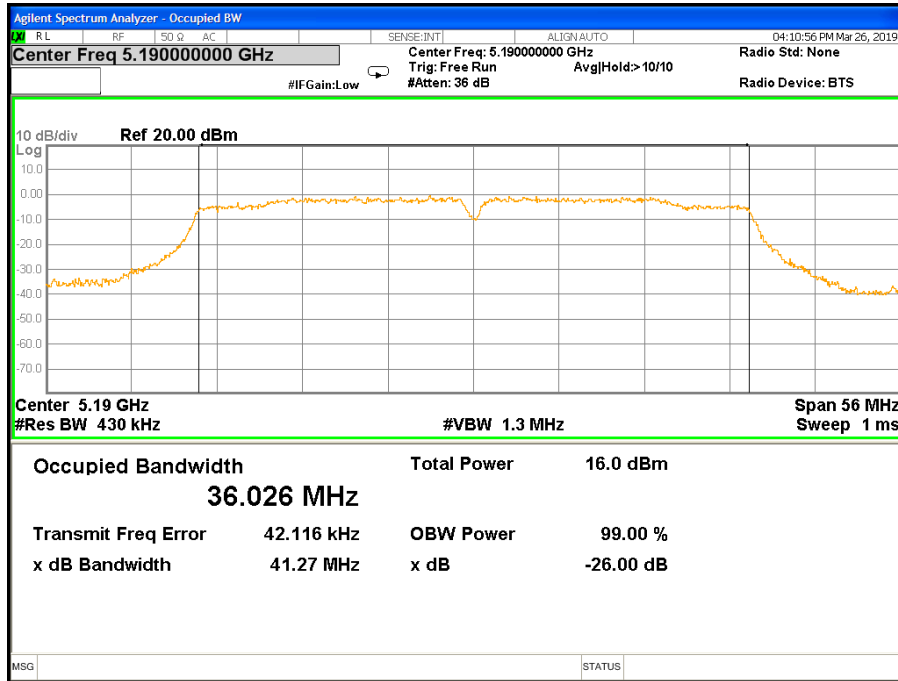


26 dB & 99% Bandwidth 802.11n(HT20) Channel 48

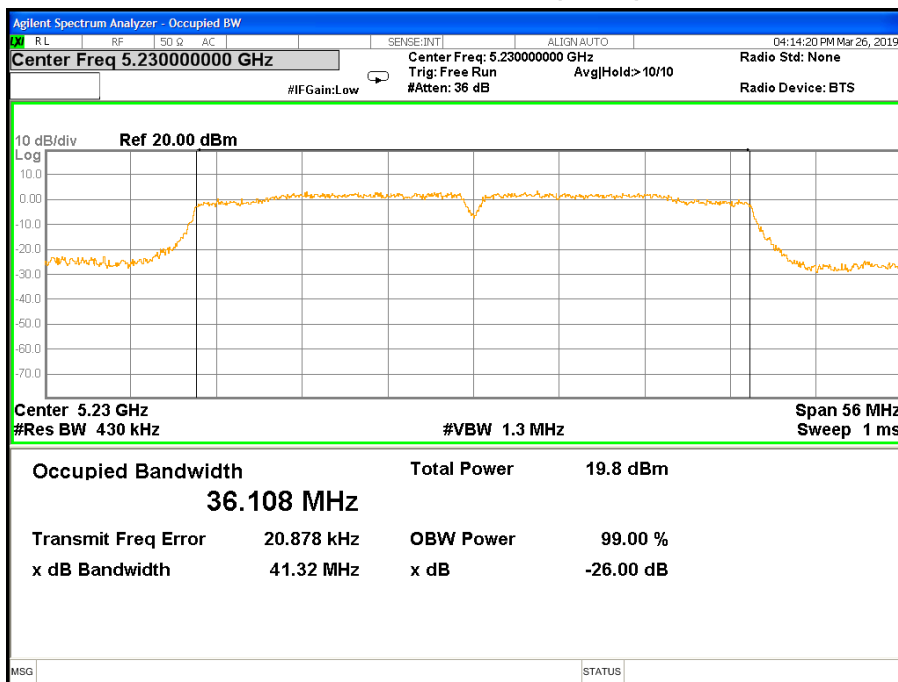




Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 38

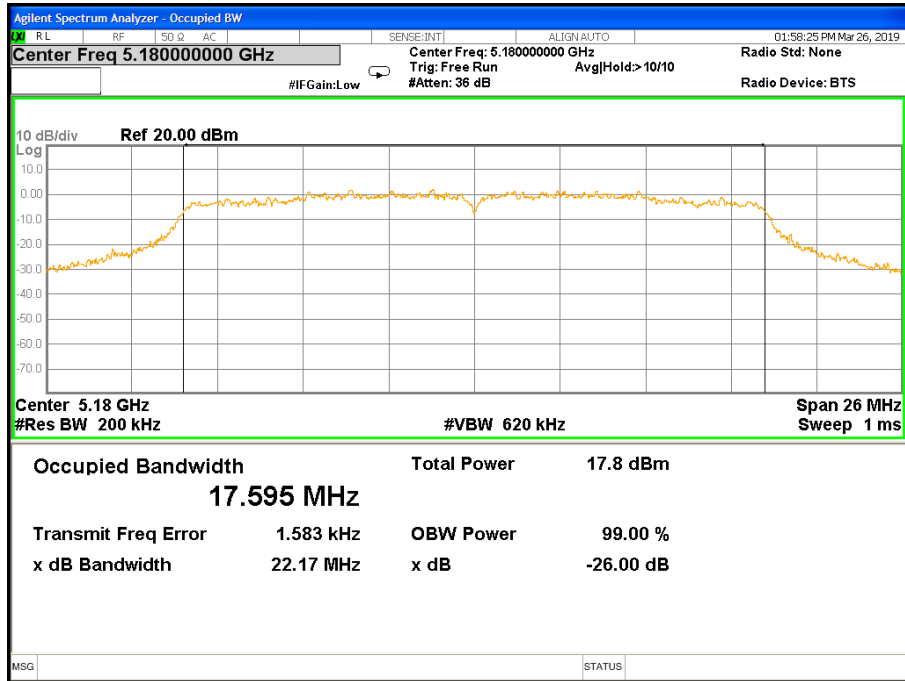


26 dB &99% Bandwidth 802.11n(HT40) Channel 46

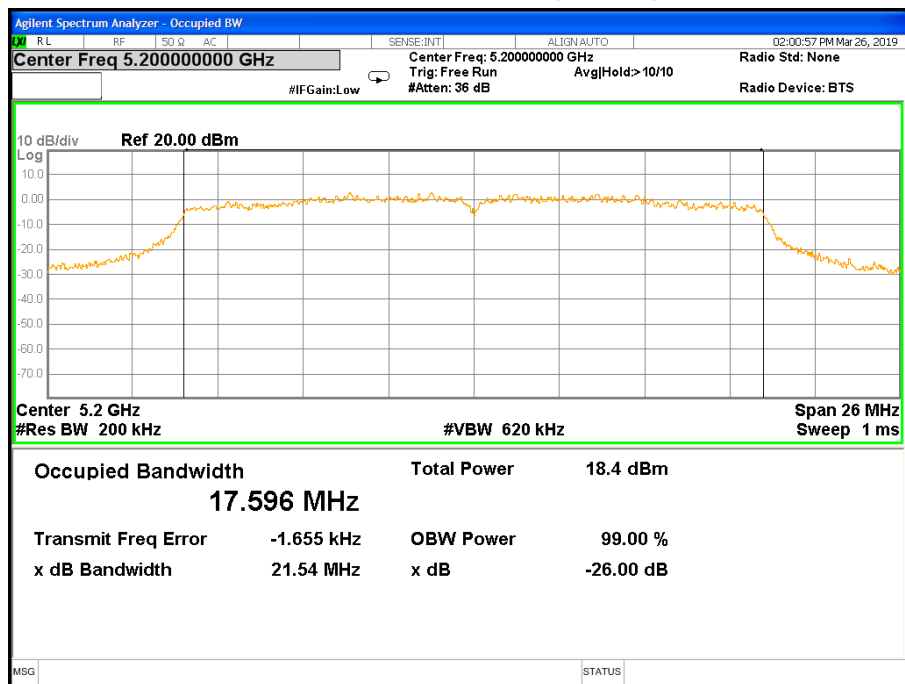




Band I (5.150-5.250GHz) 802.11ac(VHT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT20) Channel 36

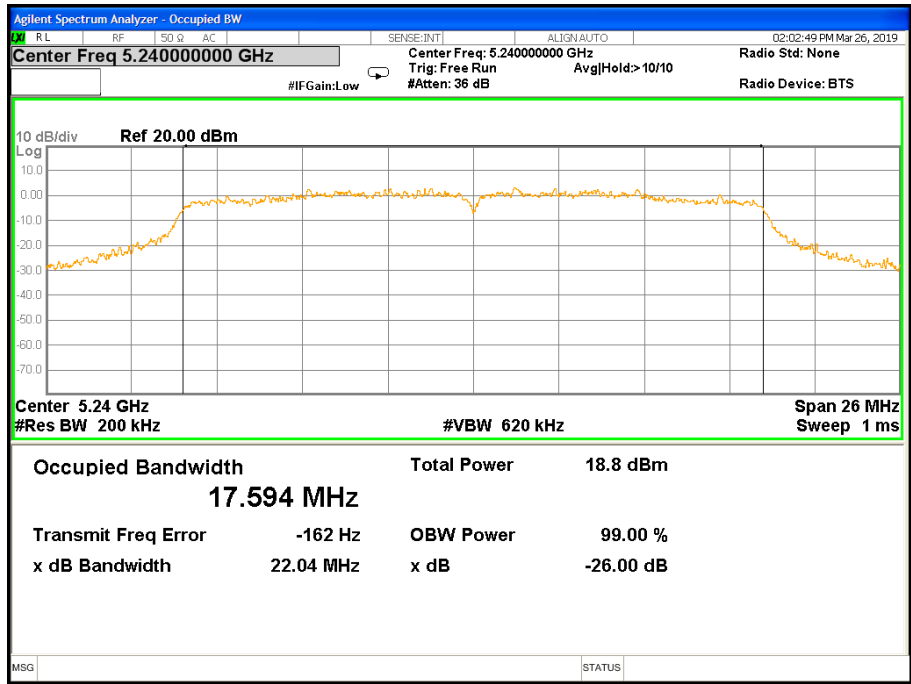


26 dB &99% Bandwidth 802.11ac(VHT20) Channel 40



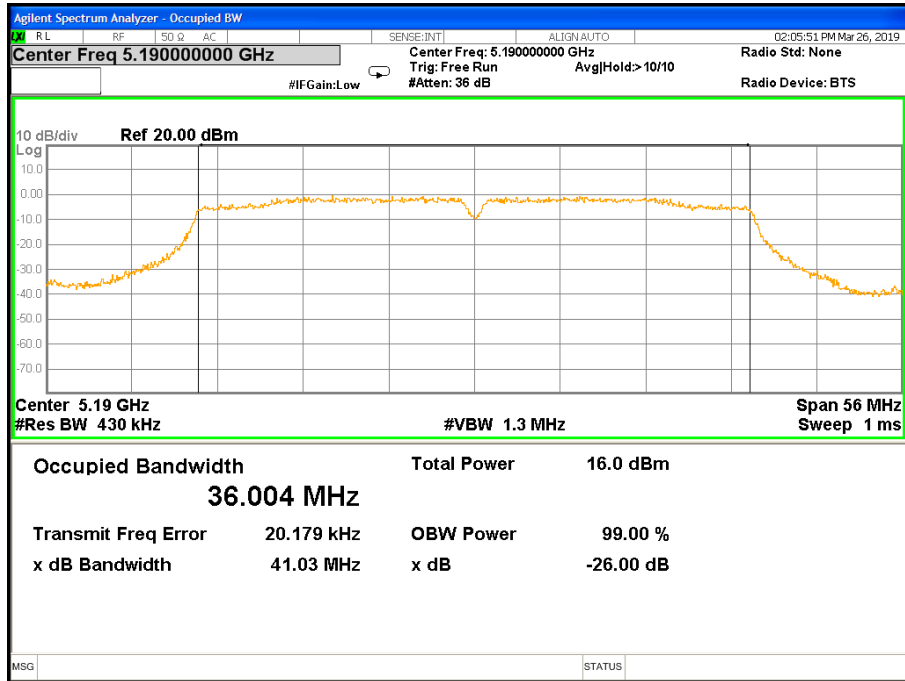


26 dB & 99% Bandwidth 802.11ac(VHT20) Channel 48

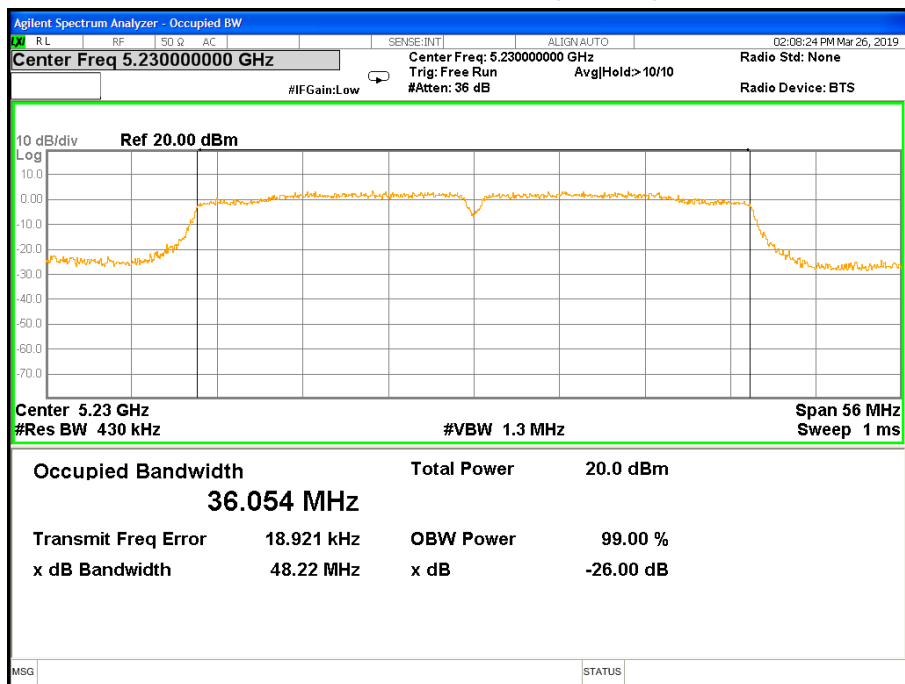




Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT40) Channel 38

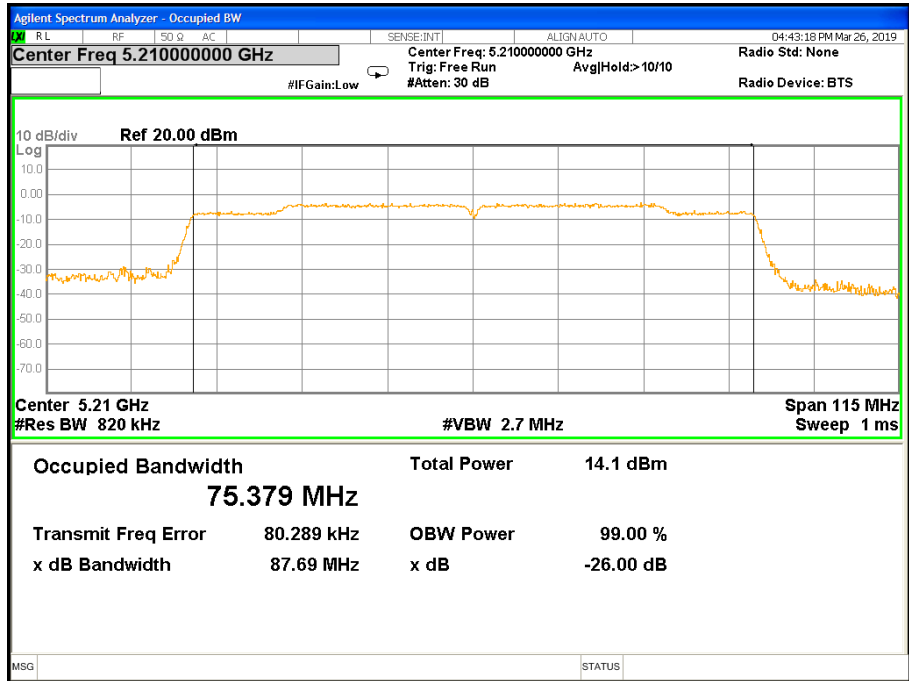


26 dB &99% Bandwidth 802.11ac(VHT40) Channel 46



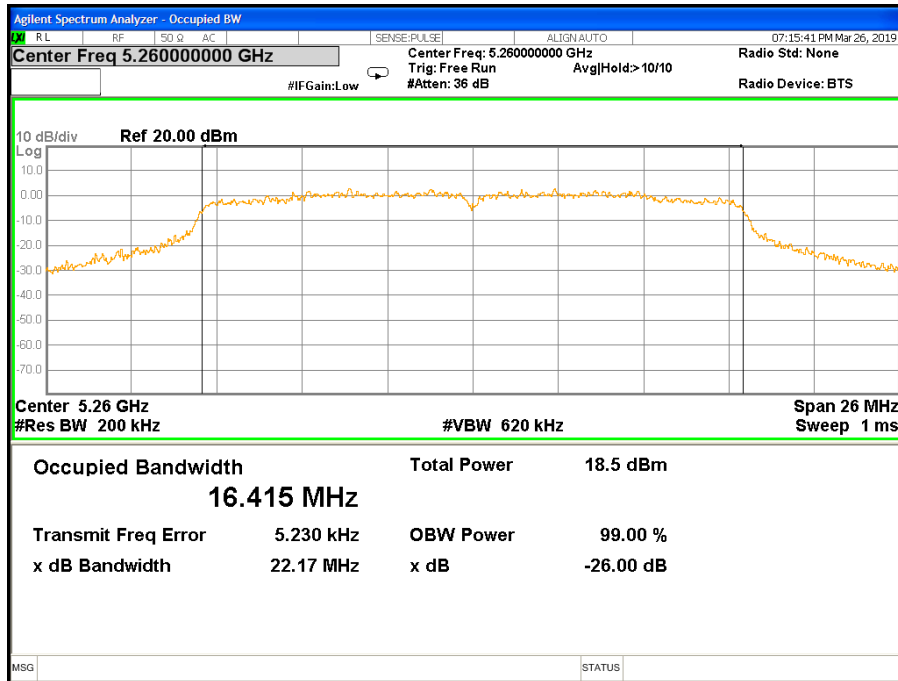


Band I (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(VHT80) Channel 42

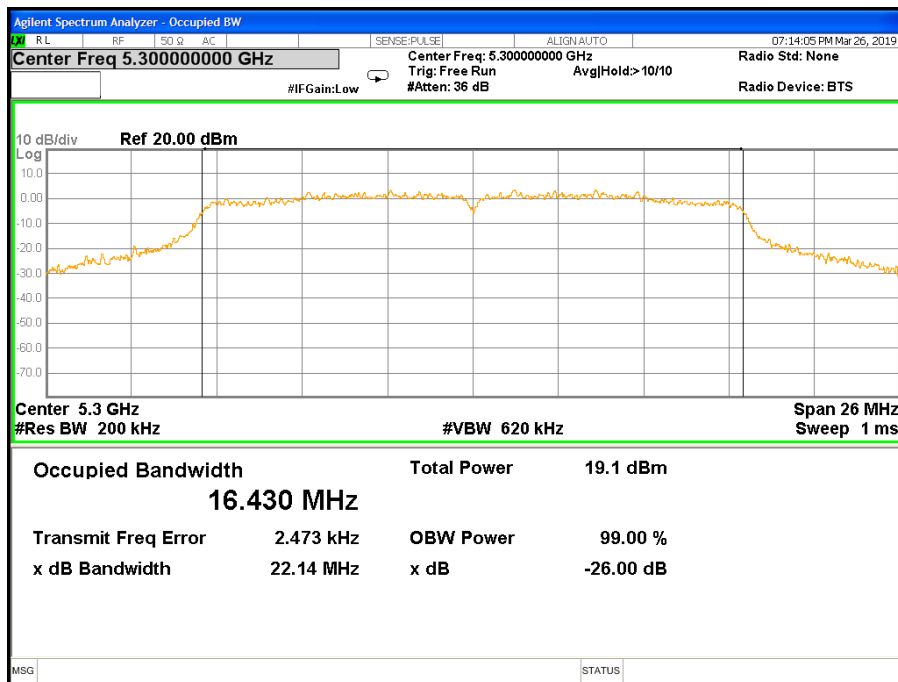




Band II (5.250-5.350GHz) 802.11a 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11a Channel 52

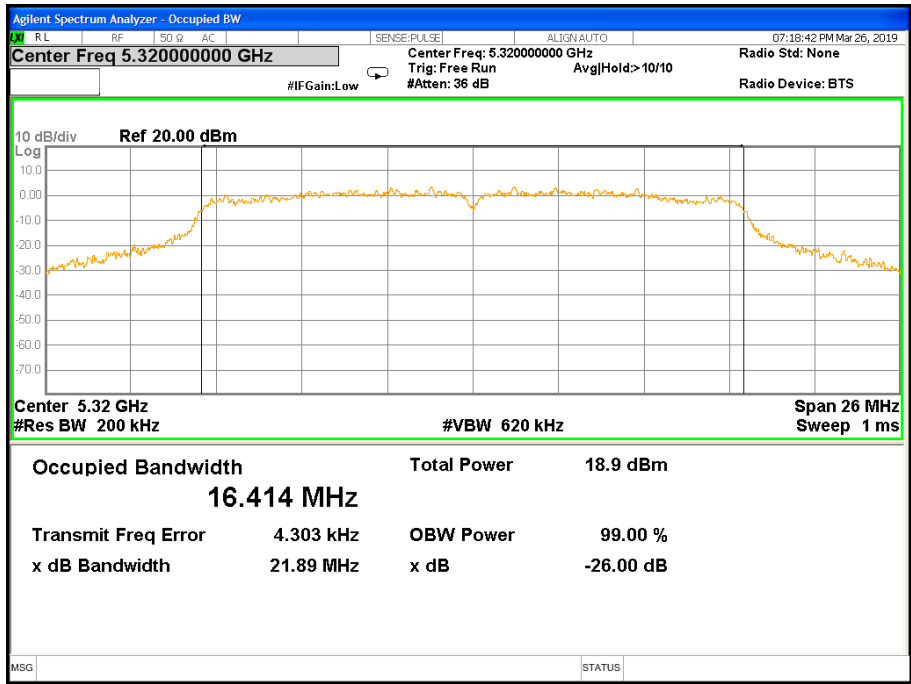


26 dB &99% Bandwidth 802.11a Channel 60



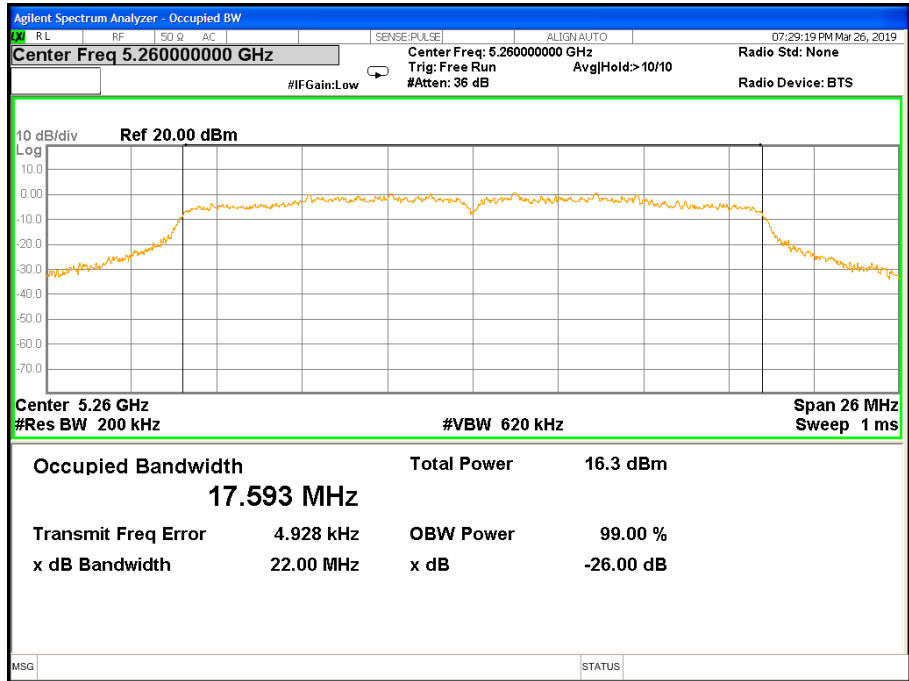


26 dB & 99% Bandwidth 802.11a Channel 64

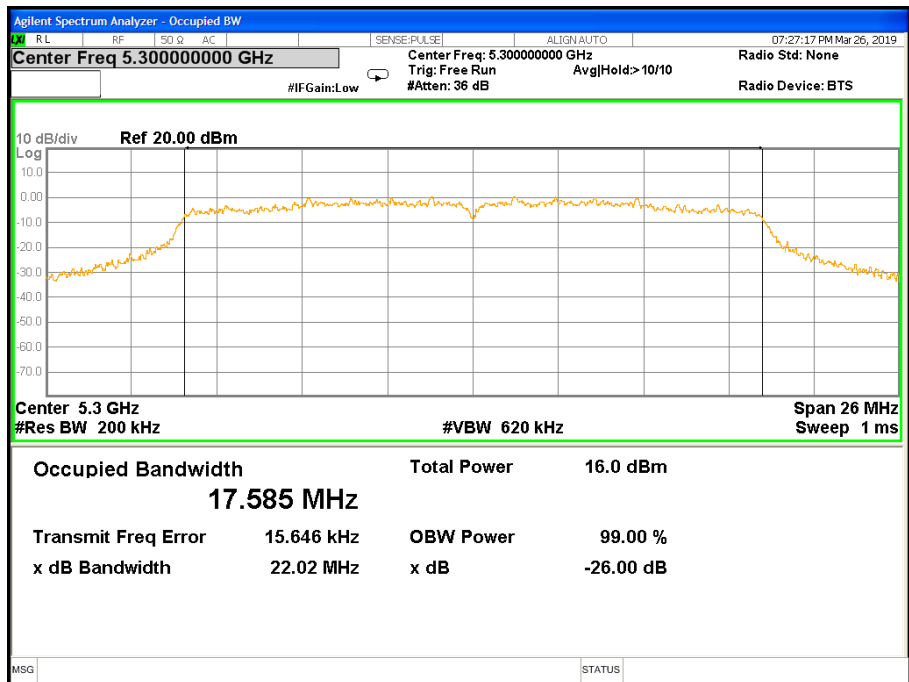




Band II (5.250-5.350GHz) 802.11n(HT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT20) Channel 52

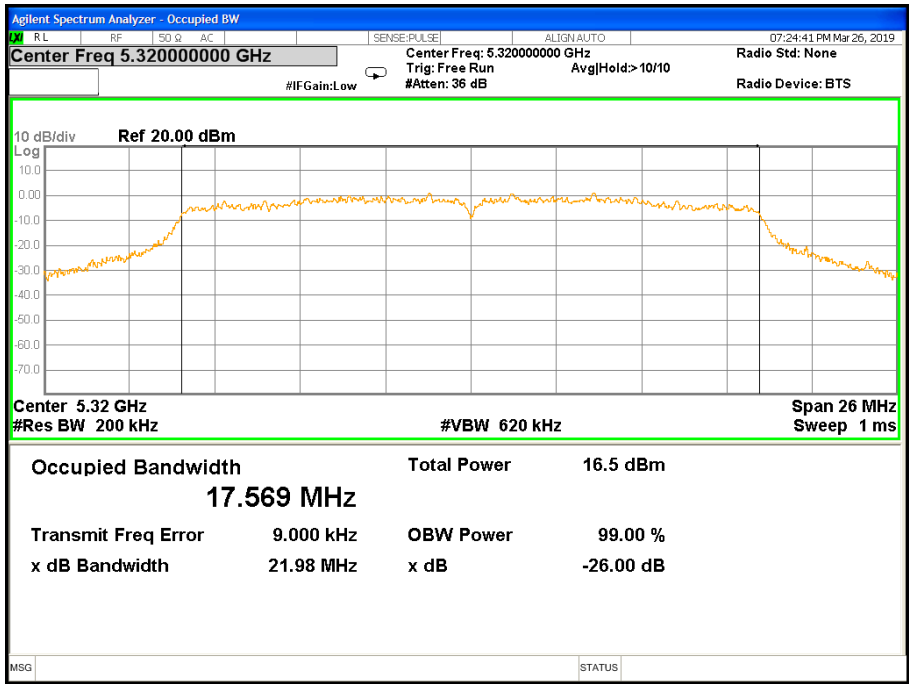


26 dB &99% Bandwidth 802.11n(HT20) Channel 60



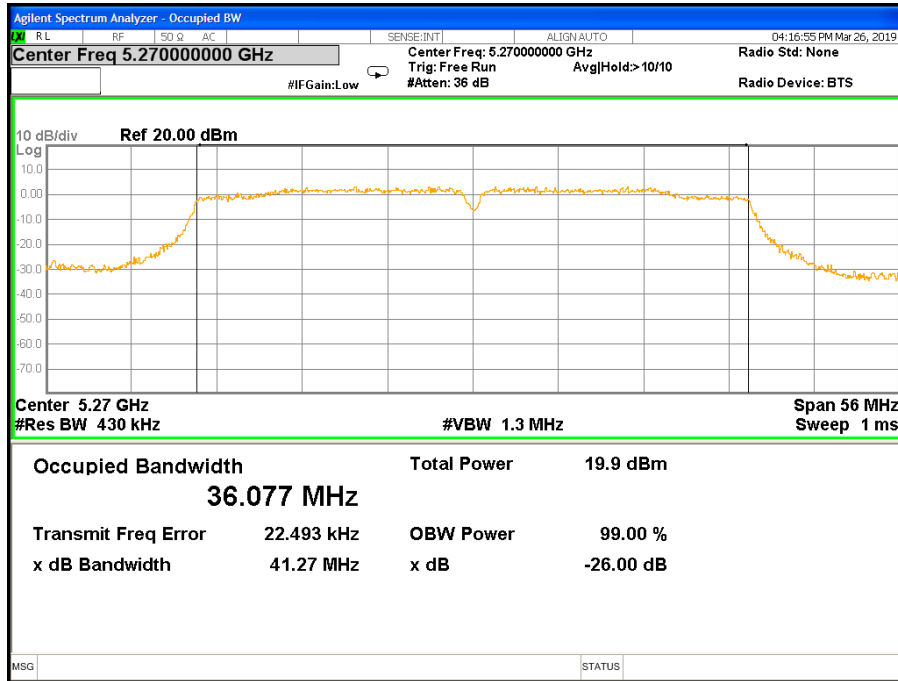


26 dB & 99% Bandwidth 802.11n(HT20) Channel 64

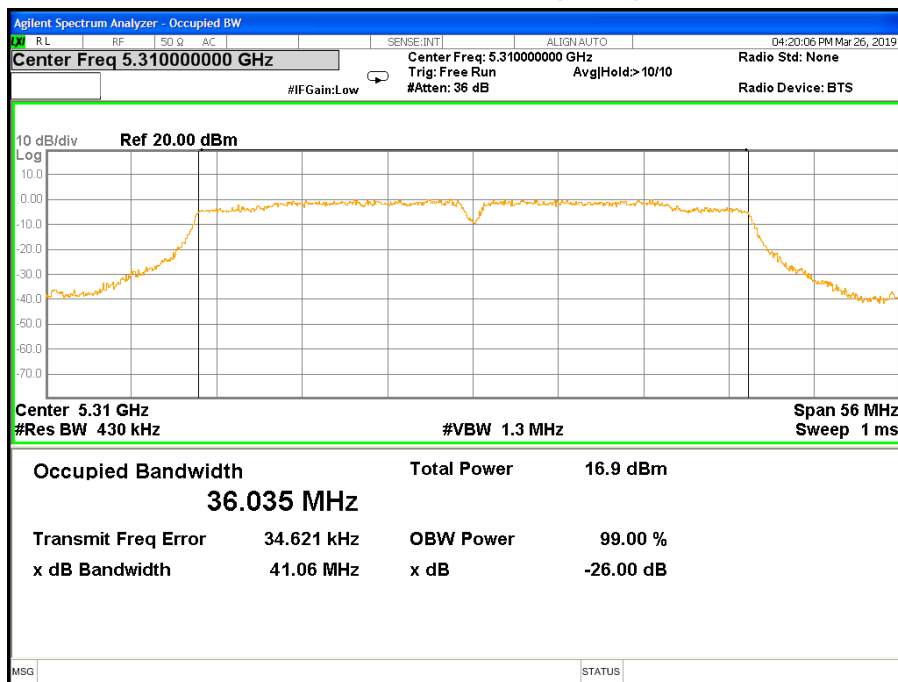




Band II (5.250-5.350GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 54

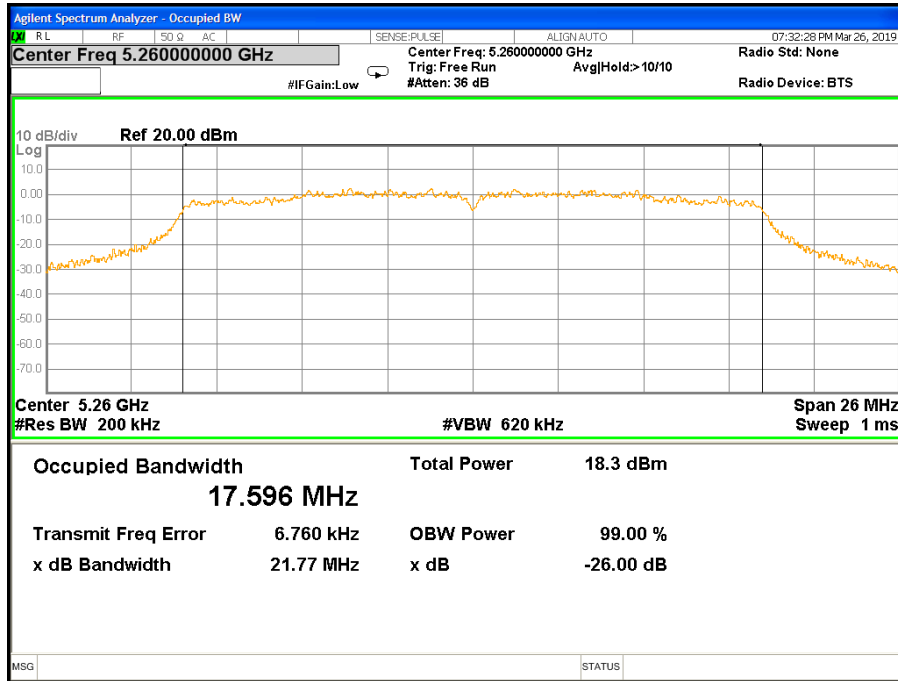


26 dB &99% Bandwidth 802.11n(HT40) Channel 62

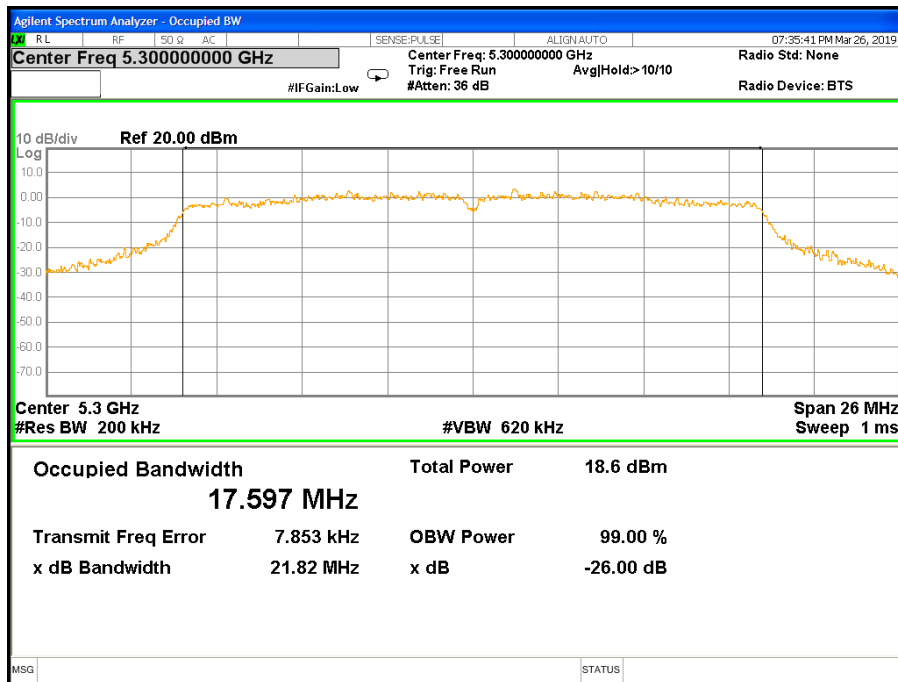




Band II (5.250-5.350GHz) 802.11ac(VHT20) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT20) Channel 52

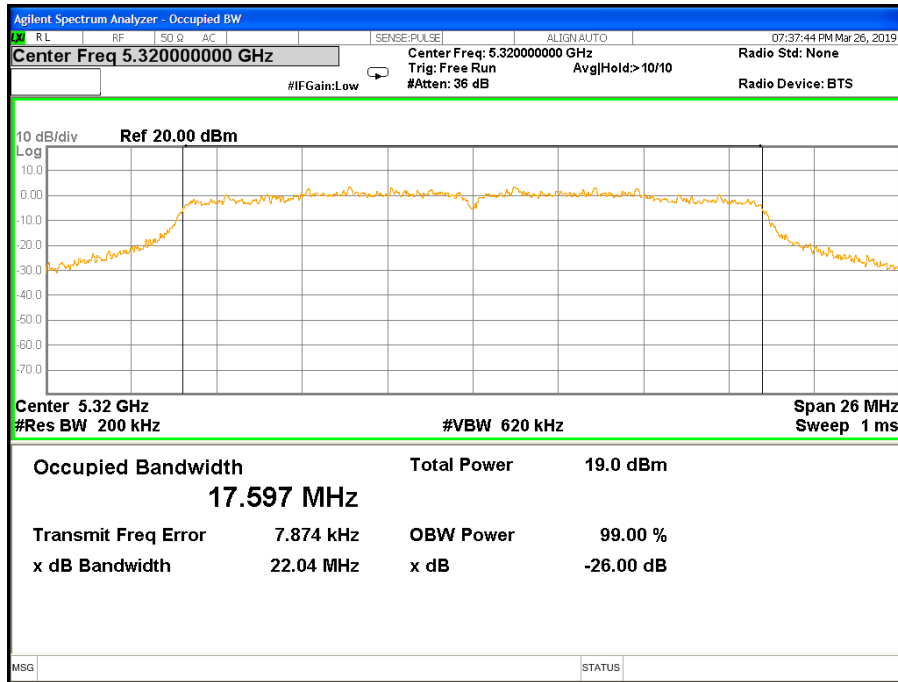


26 dB &99% Bandwidth 802.11ac(VHT20) Channel 60



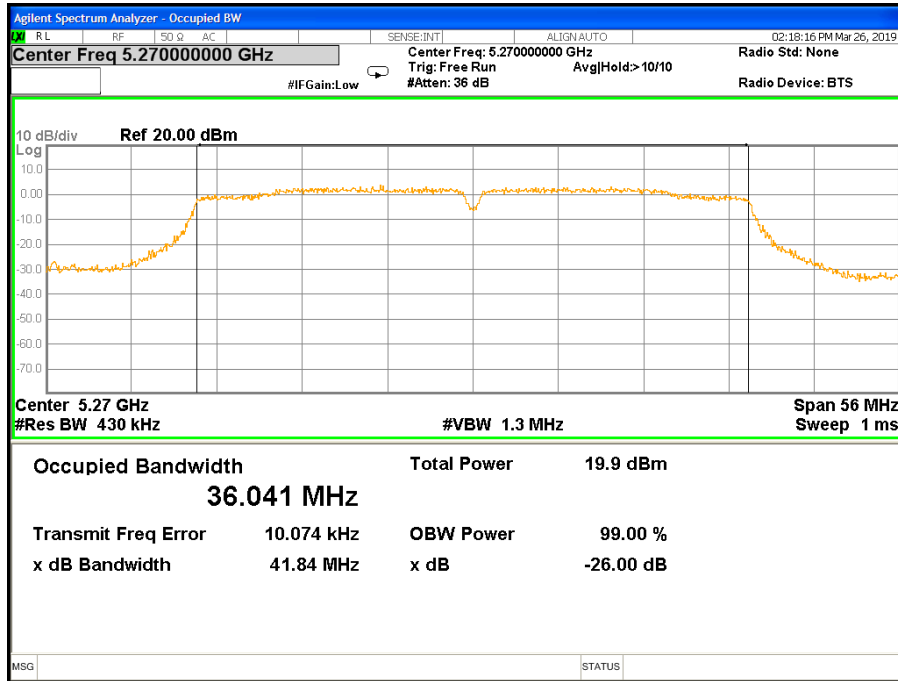


26 dB & 99% Bandwidth 802.11ac(VHT20) Channel 64

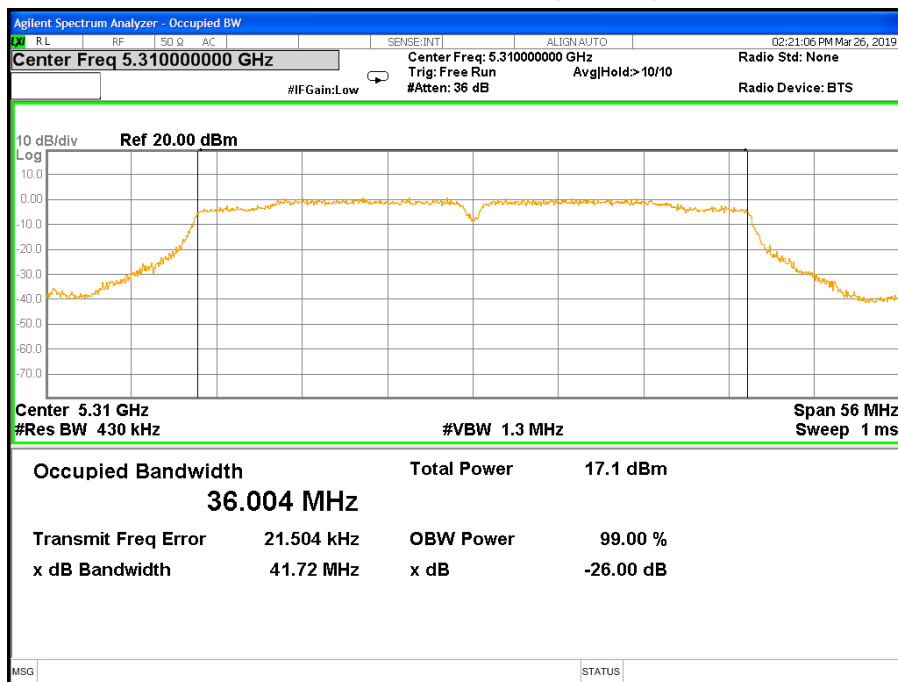




Band II (5.250-5.350GHz) 802.11ac(VHT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT40) Channel 54

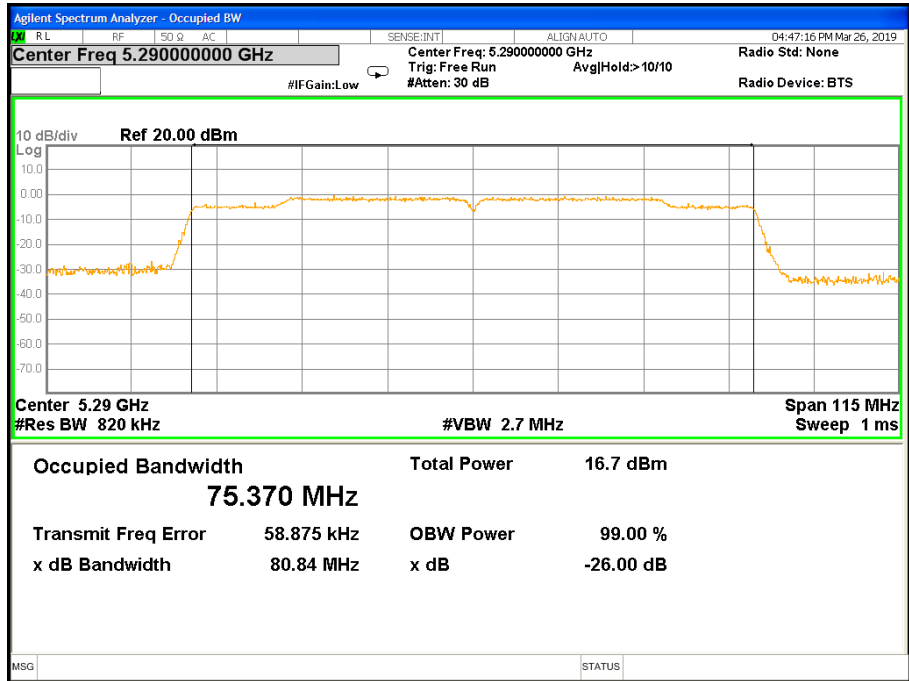


26 dB &99% Bandwidth 802.11ac(VHT40) Channel 62



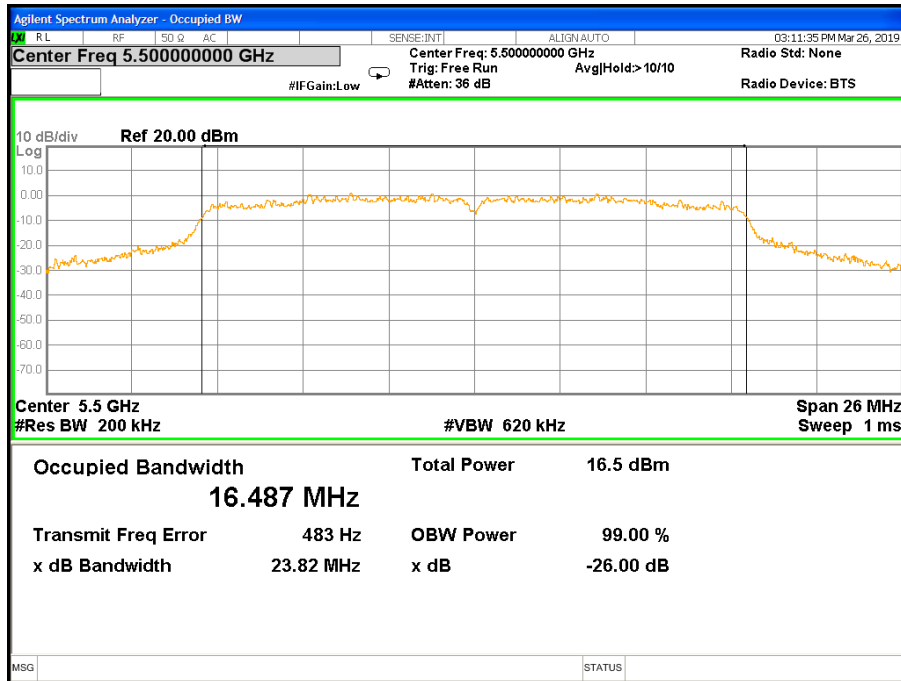


Band II (5.250-5.350GHz) 802.11ac(VHT80) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT80) Channel 58

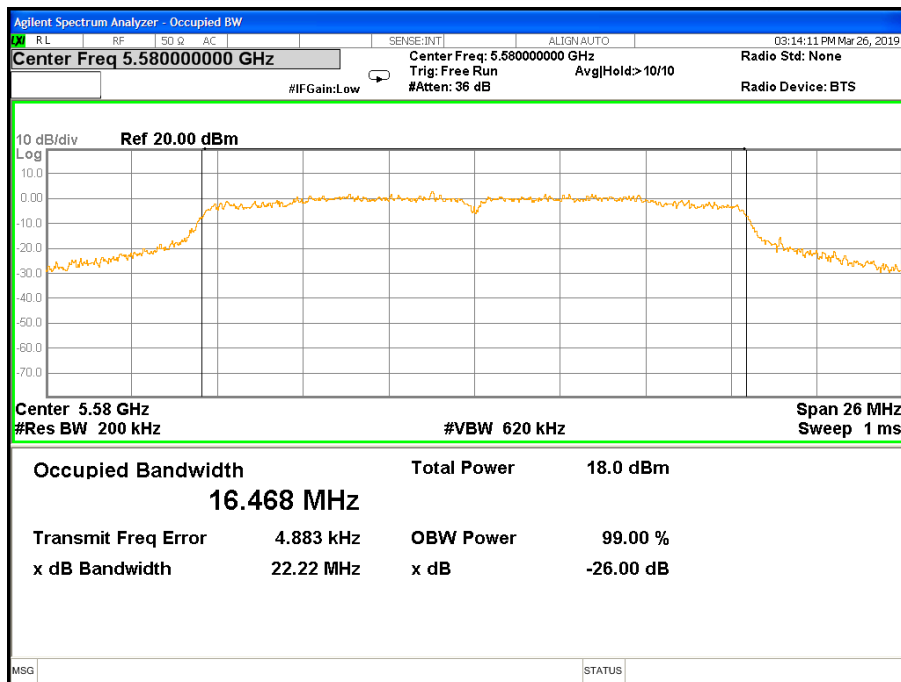




Band III (5.470-5.725GHz) 802.11a 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11a Channel 100

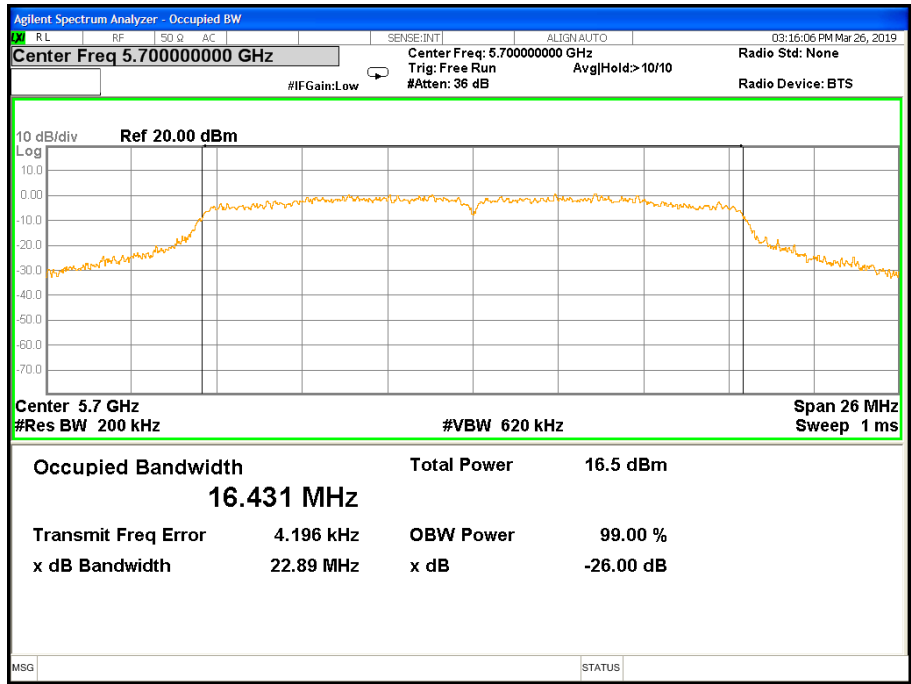


26 dB &99% Bandwidth 802.11a Channel 116



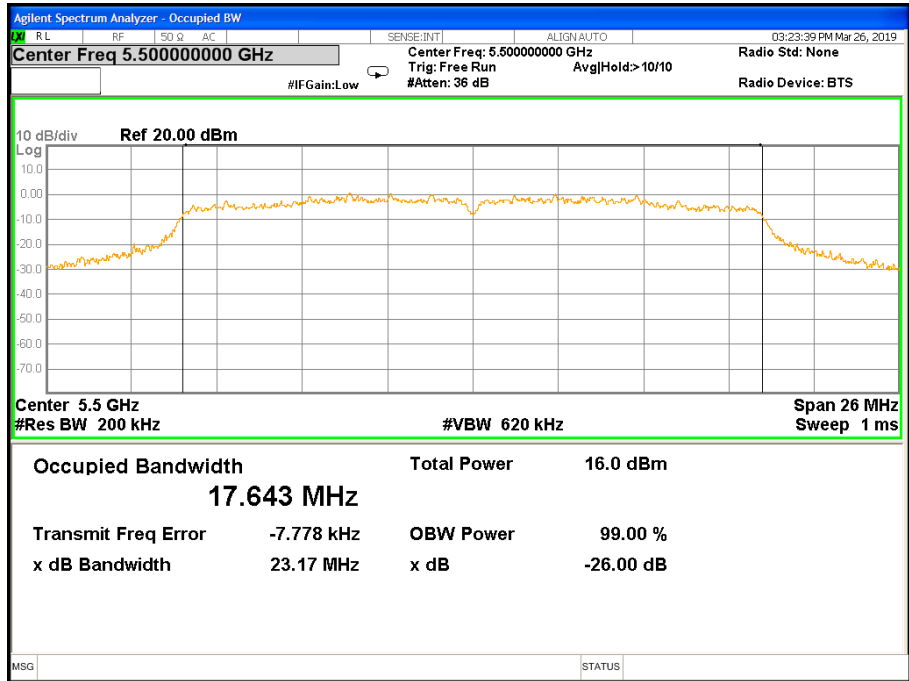


26 dB &99% Bandwidth 802.11a Channel 140

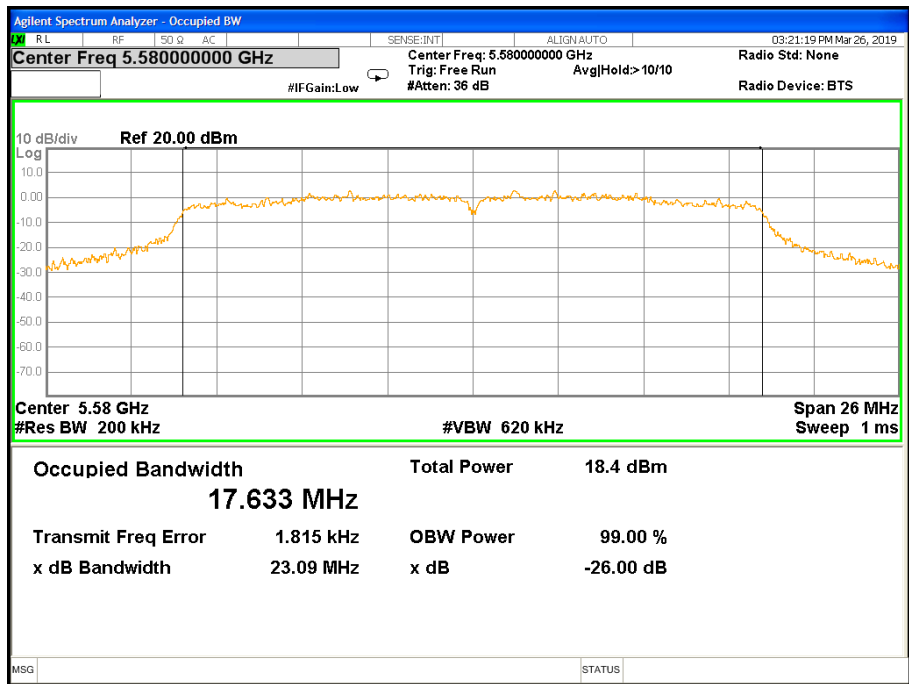




Band III (5.470-5.725GHz) 802.11n(HT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11n(HT20) Channel 100

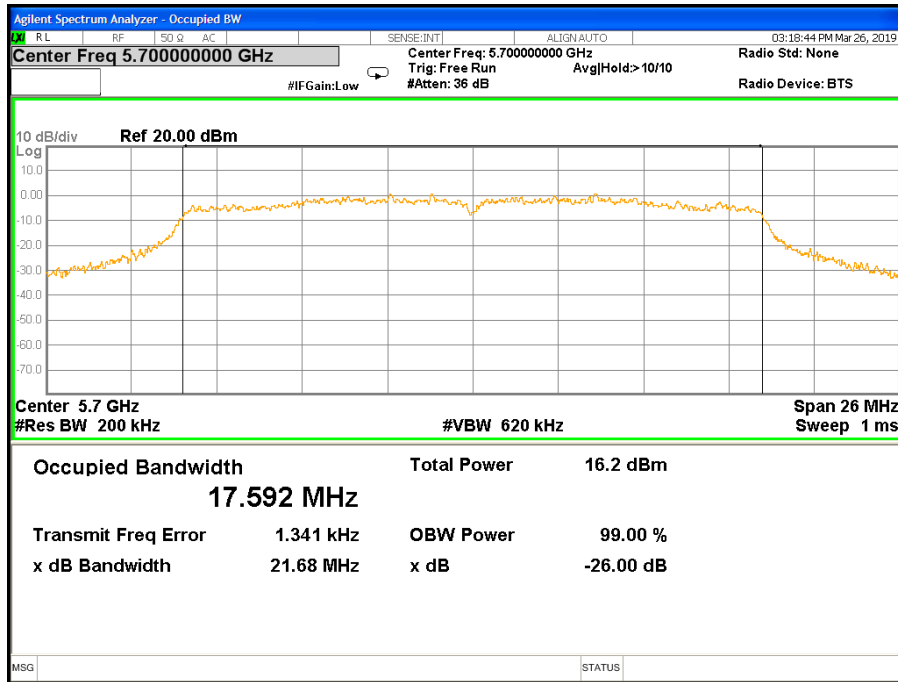


26 dB &99% Bandwidth 802.11n(HT20) Channel 116



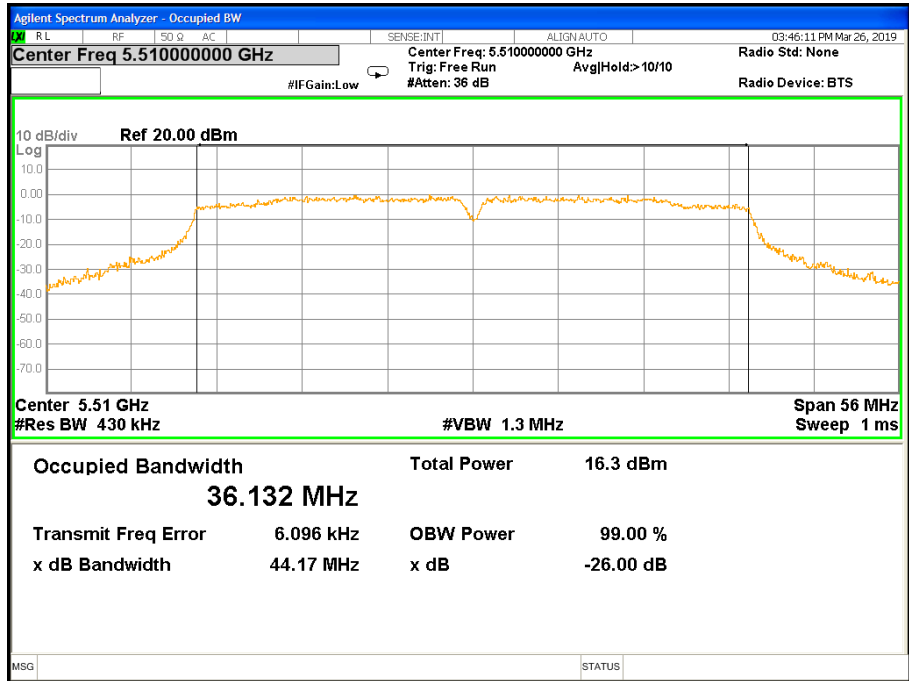


26 dB & 99% Bandwidth 802.11n(HT20) Channel 140

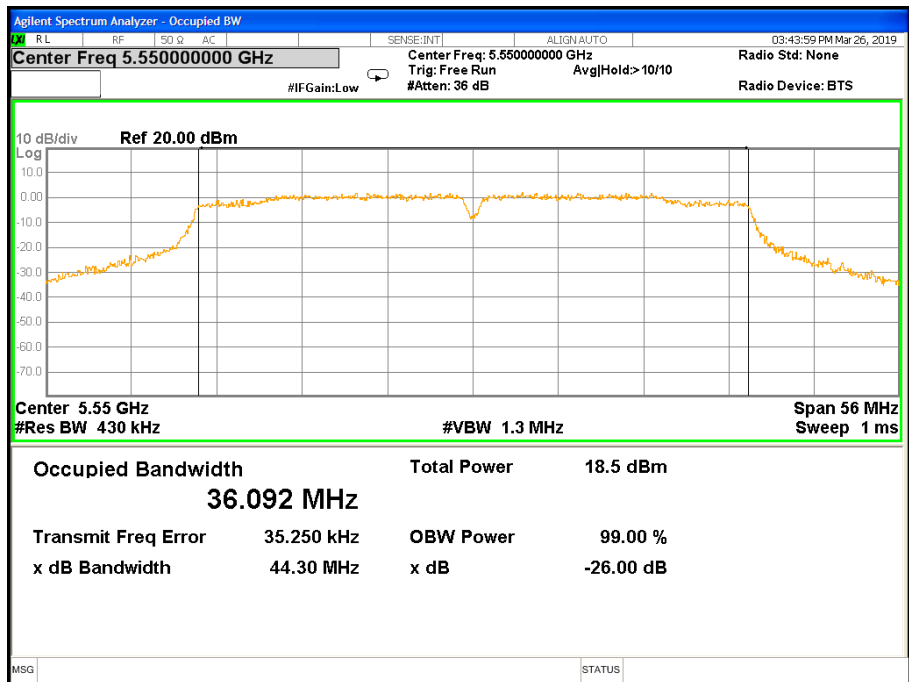




Band III (5.470-5.725GHz) 802.11n(HT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11n(HT40) Channel 102

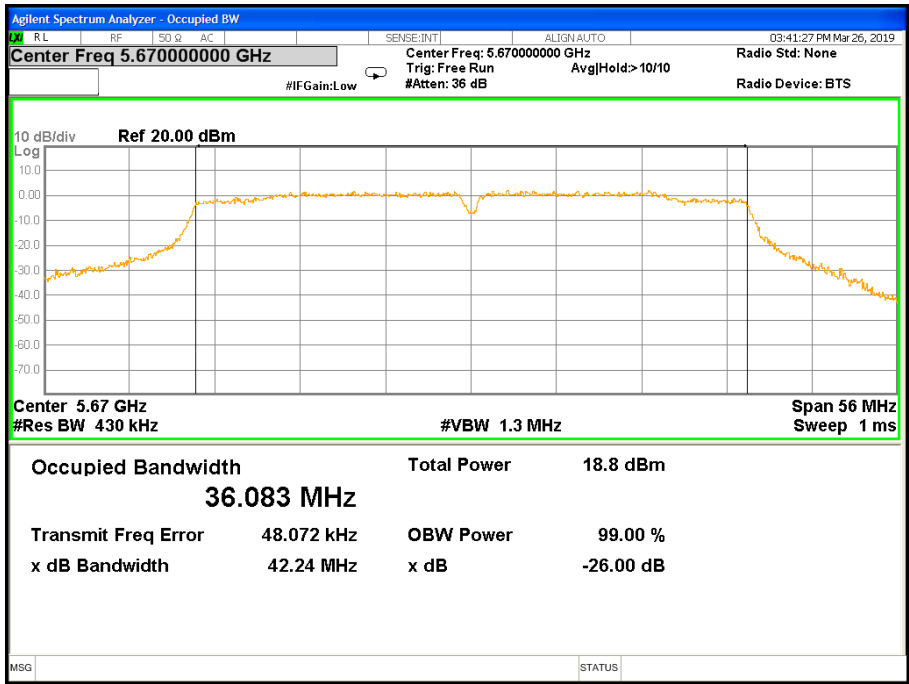


26 dB &99% Bandwidth 802.11n(HT40) Channel 110



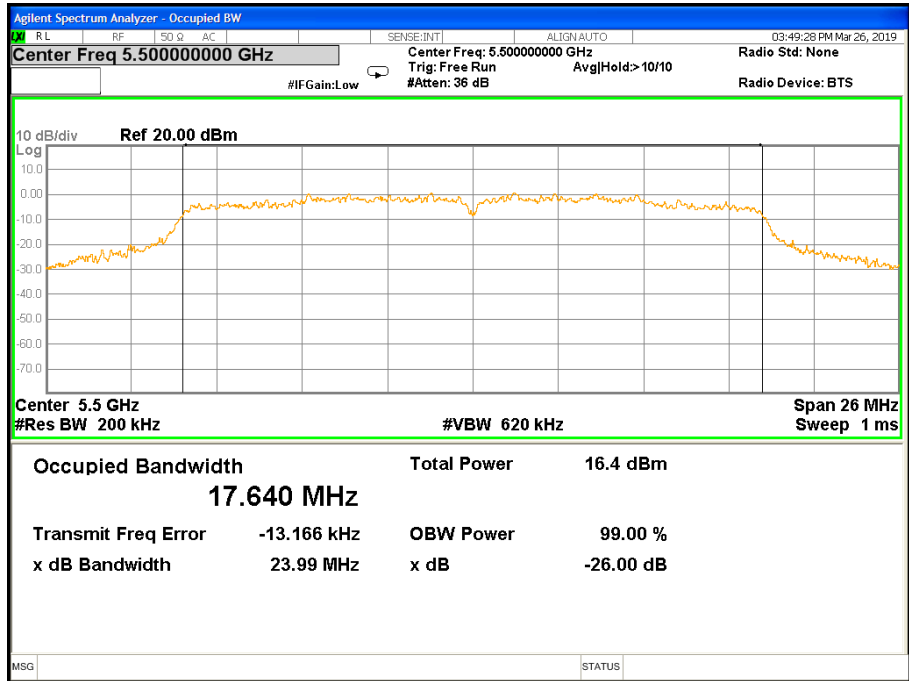


26 dB & 99% Bandwidth 802.11n(HT40) Channel 134

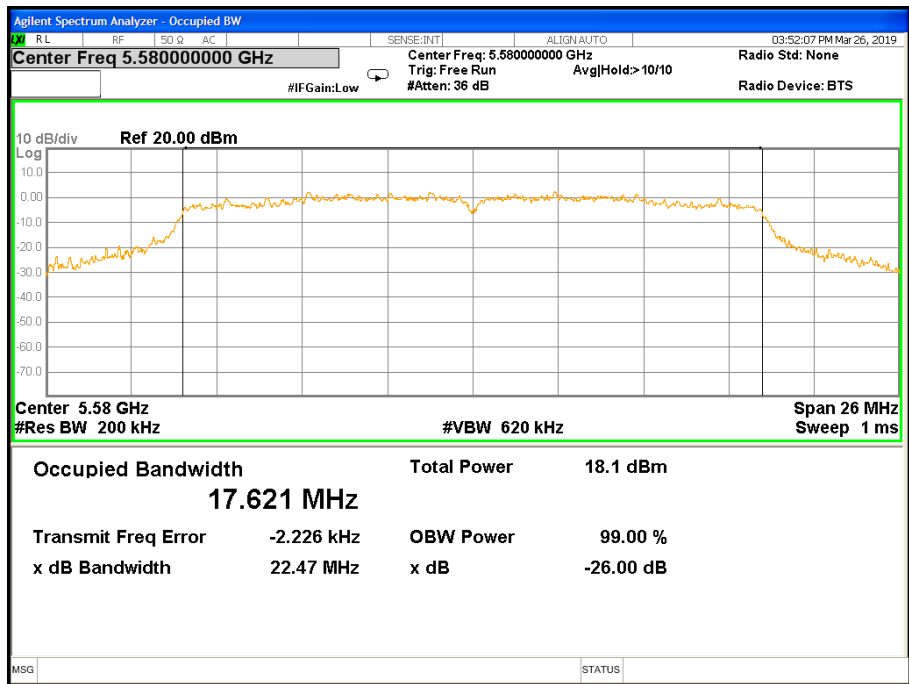




Band III (5.470-5.725GHz) 802.11ac(VHT20) 26 dB &99% Bandwidth
26 dB &99% Bandwidth 802.11ac(VHT20) Channel 100

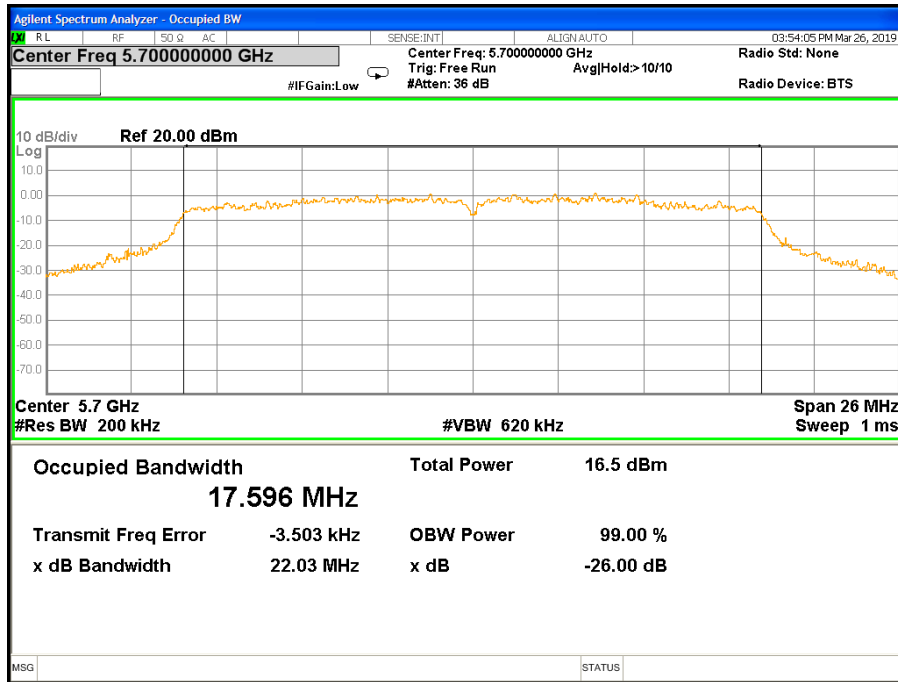


26 dB &99% Bandwidth 802.11ac(VHT20) Channel 116



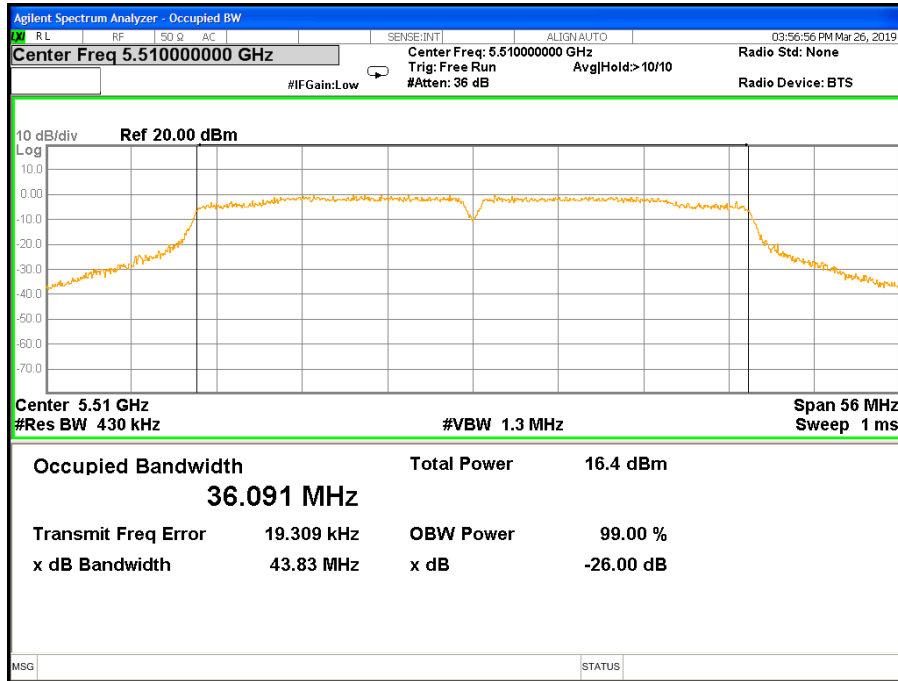


26 dB &99% Bandwidth 802.11ac(VHT20) Channel 140

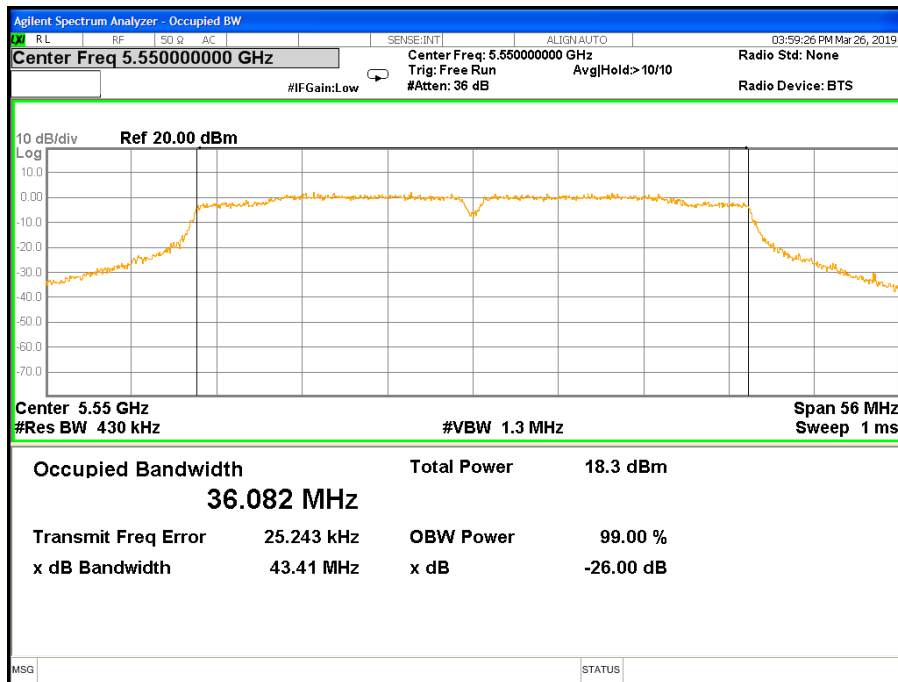




Band III (5.470-5.725GHz) 802.11ac(VHT40) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT40) Channel 102

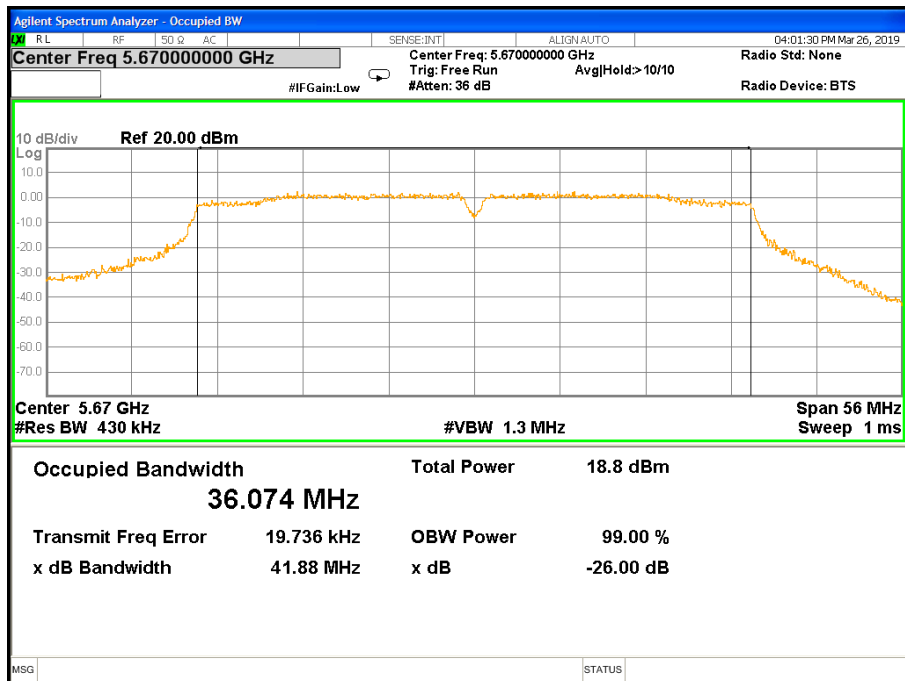


26 dB &99% Bandwidth 802.11ac(VHT40) Channel 110



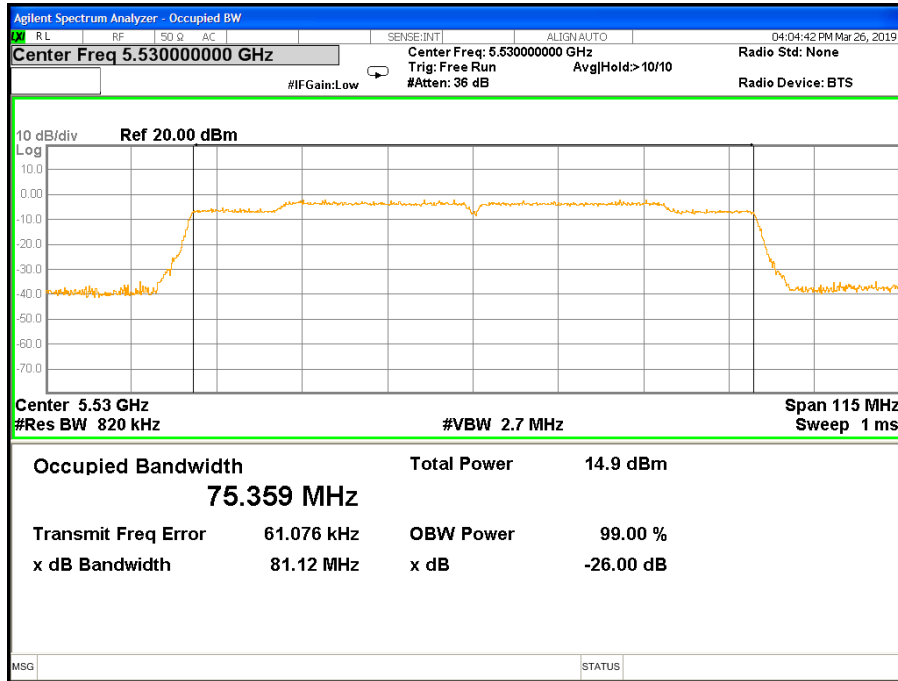


26 dB & 99% Bandwidth 802.11ac(VHT40) Channel 134





Band III (5.470-5.725GHz) 802.11ac(VHT80) 26 dB &99% Bandwidth 26 dB &99% Bandwidth 802.11ac(VHT80) Channel 106



26 dB &99% Bandwidth 802.11ac(VHT80) Channel 122

