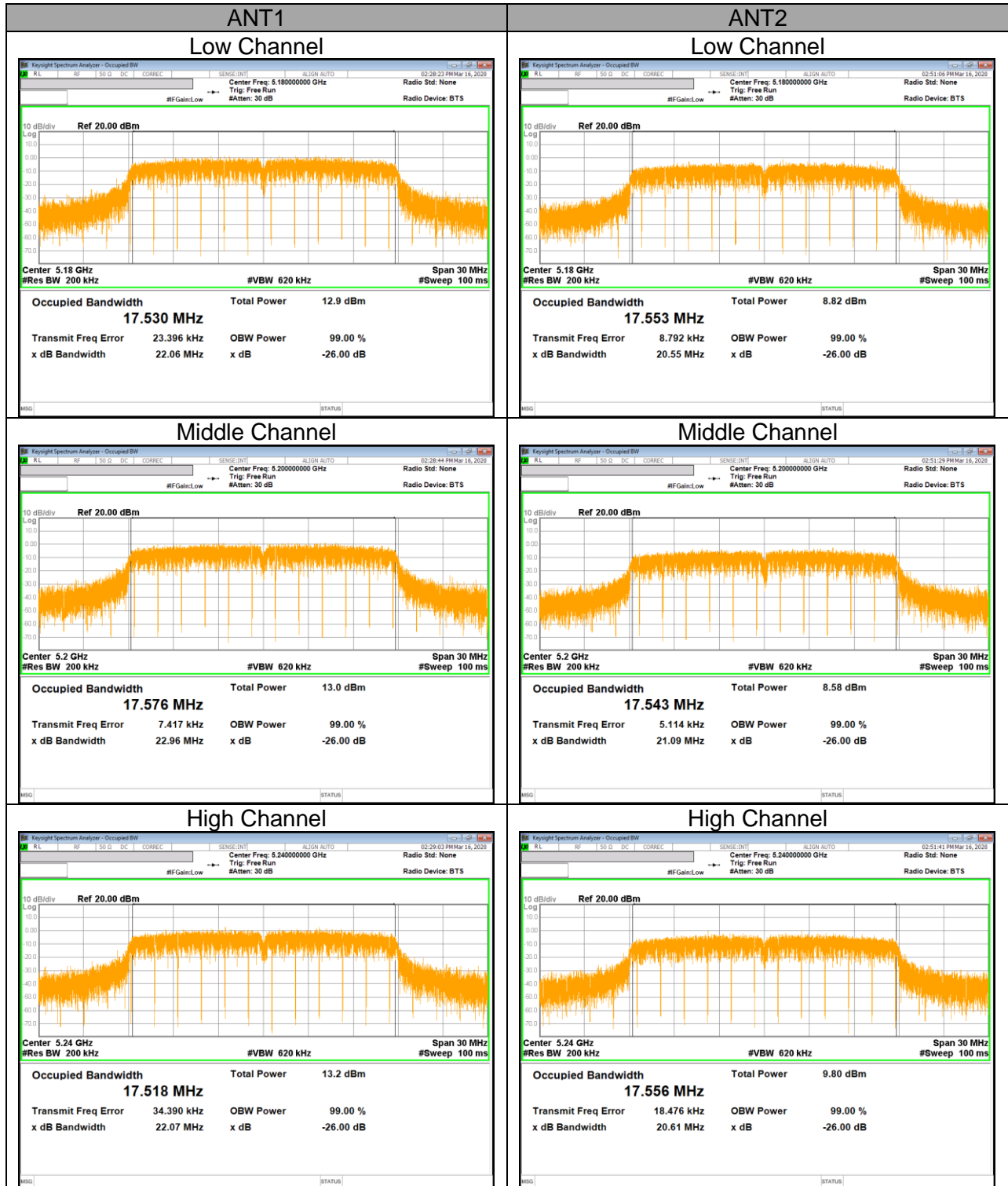
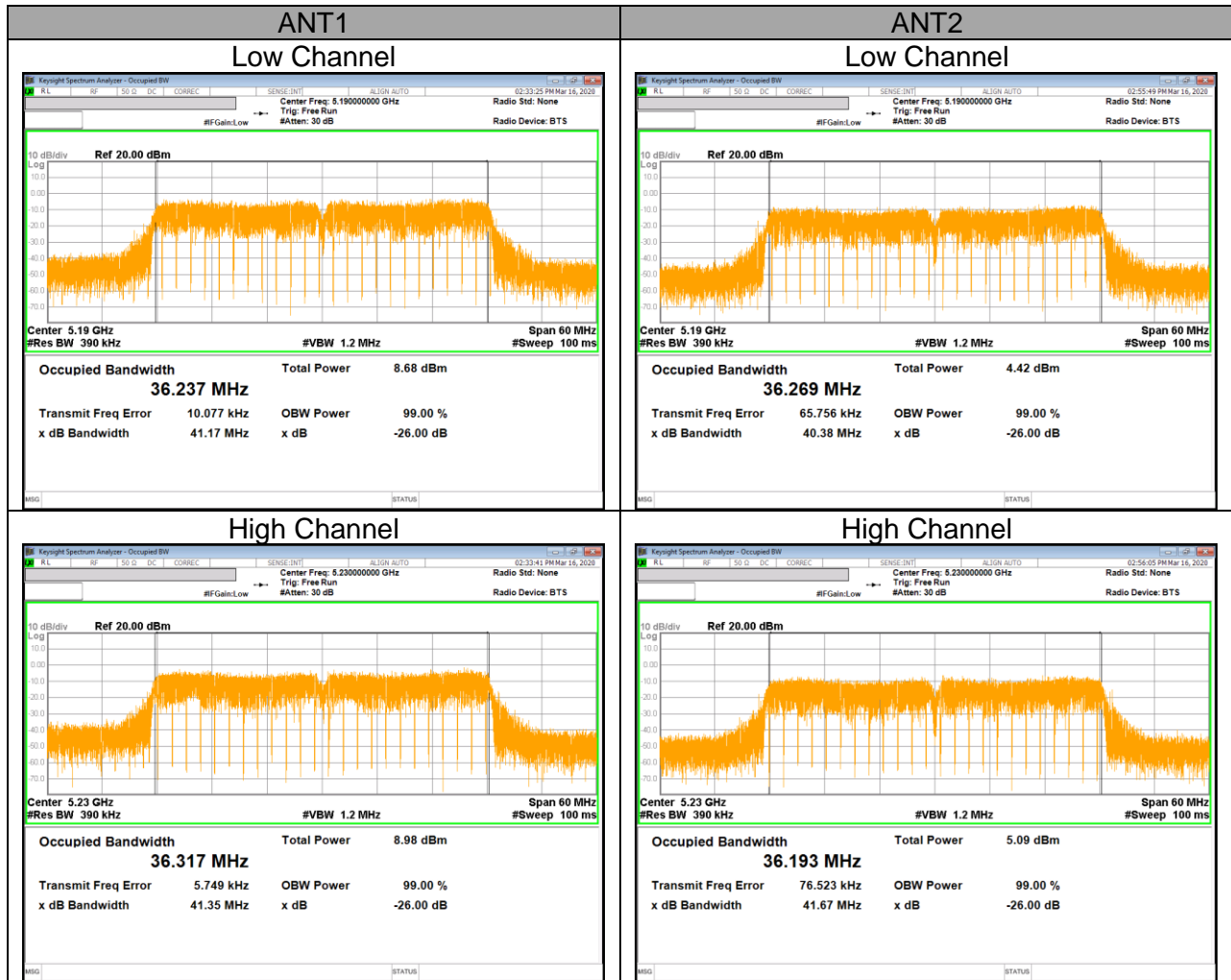


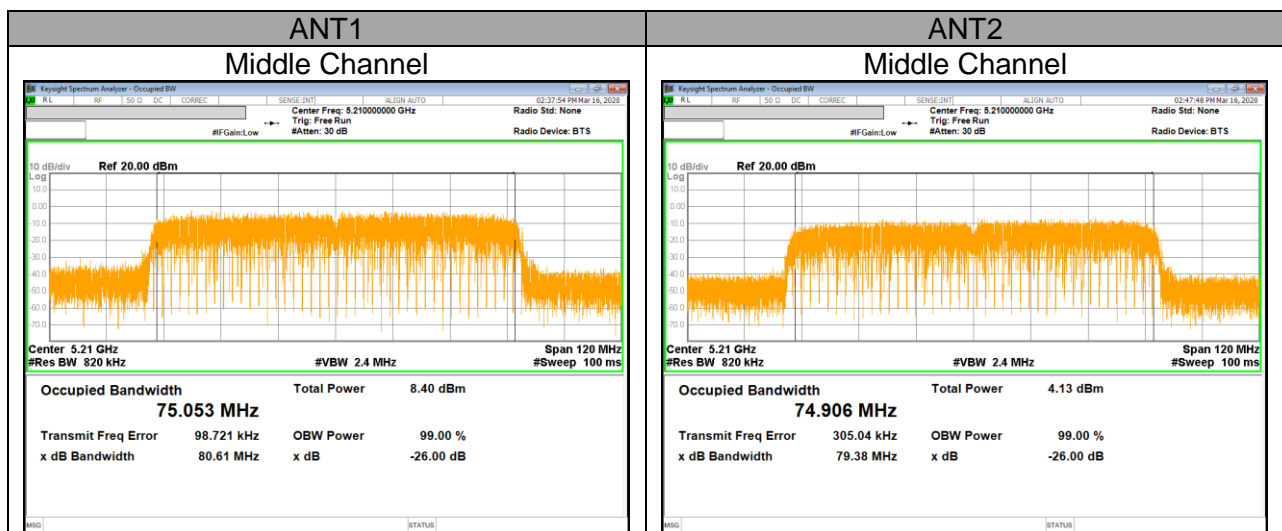
**UNII 5.2 GHz IEEE 802.11n HT20 mode**



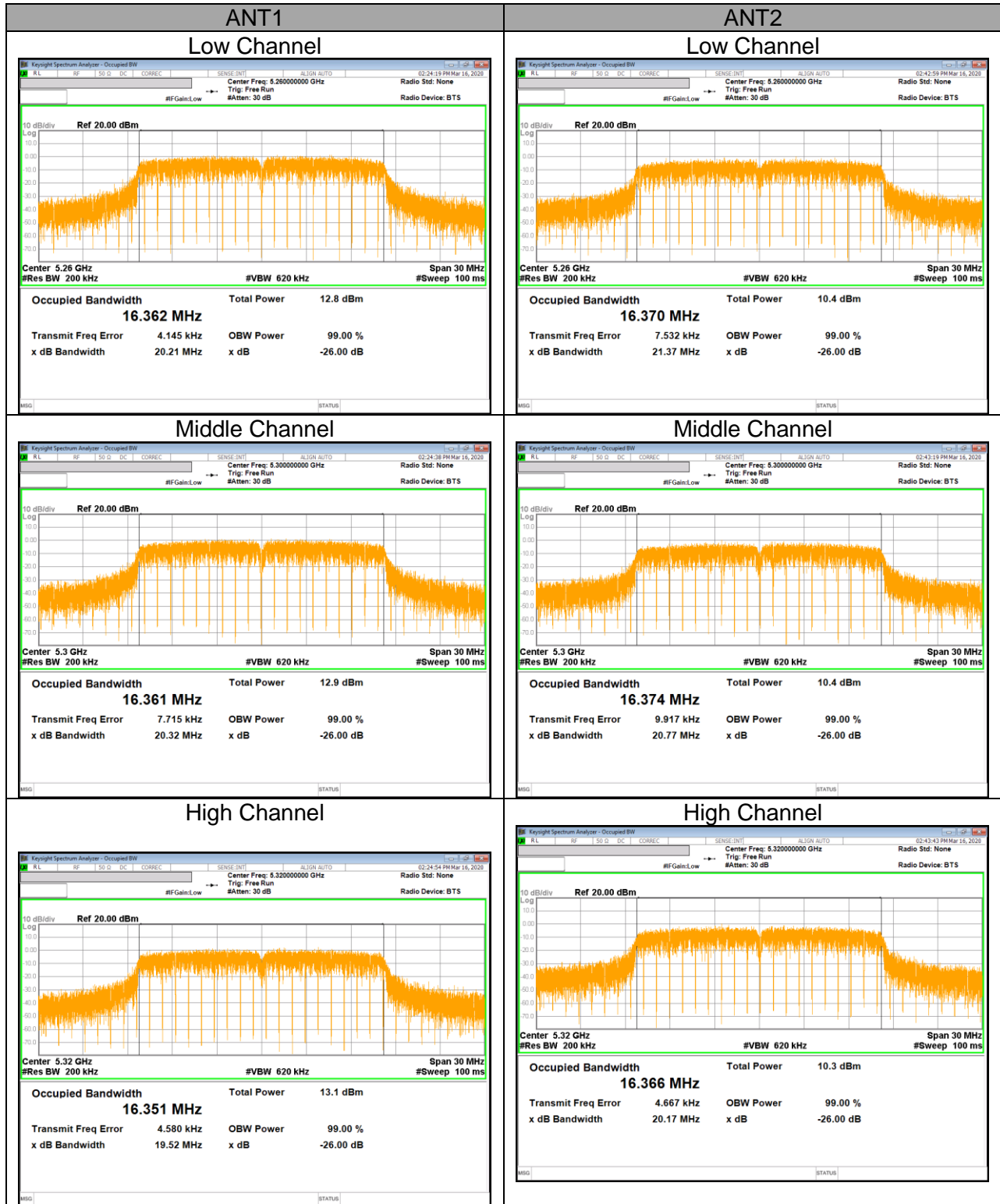
**UNII 5.2 GHz IEEE 802.11n HT40 mode**



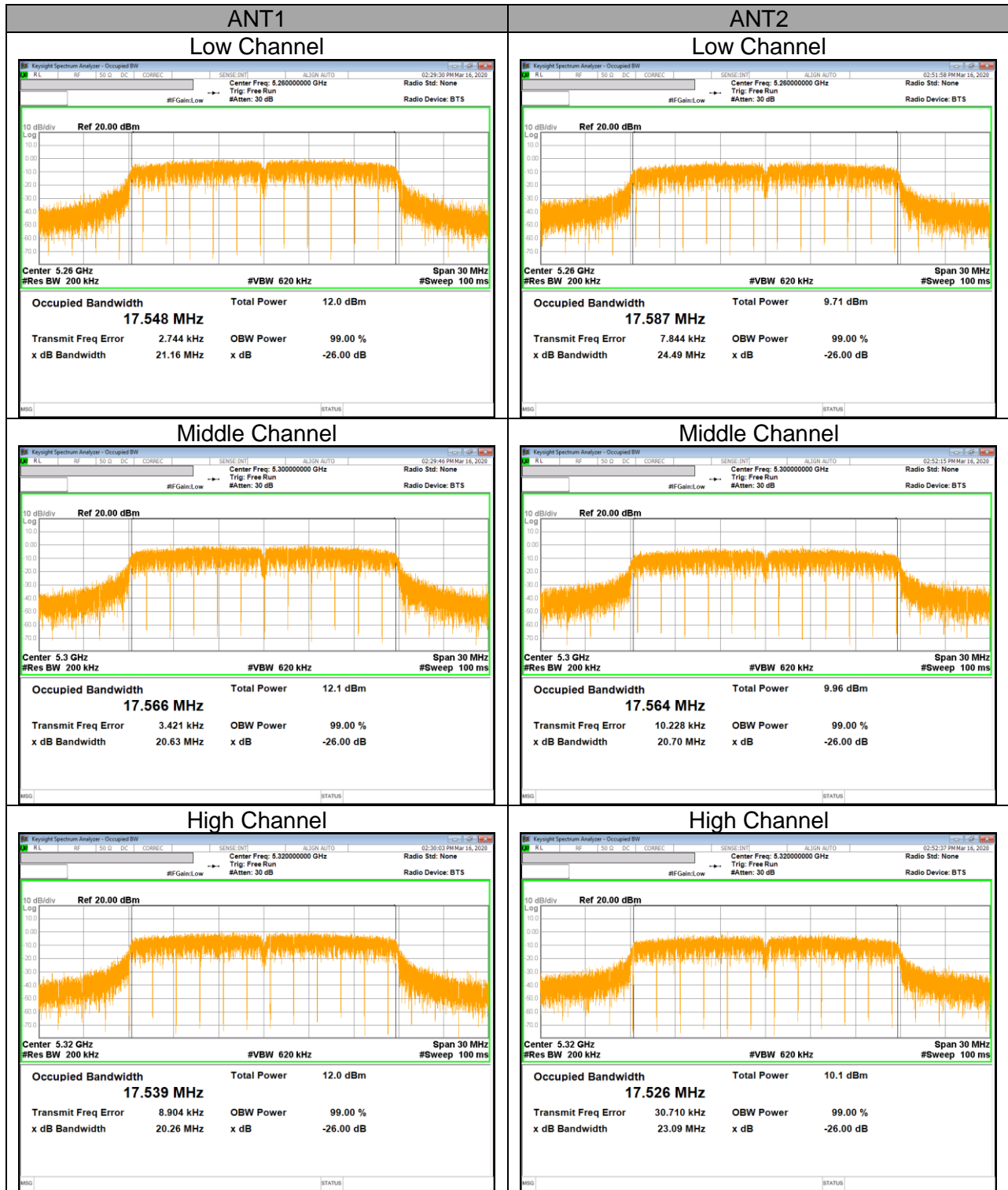
**UNII 5.2 GHz IEEE 802.11ac VHT80 mode**



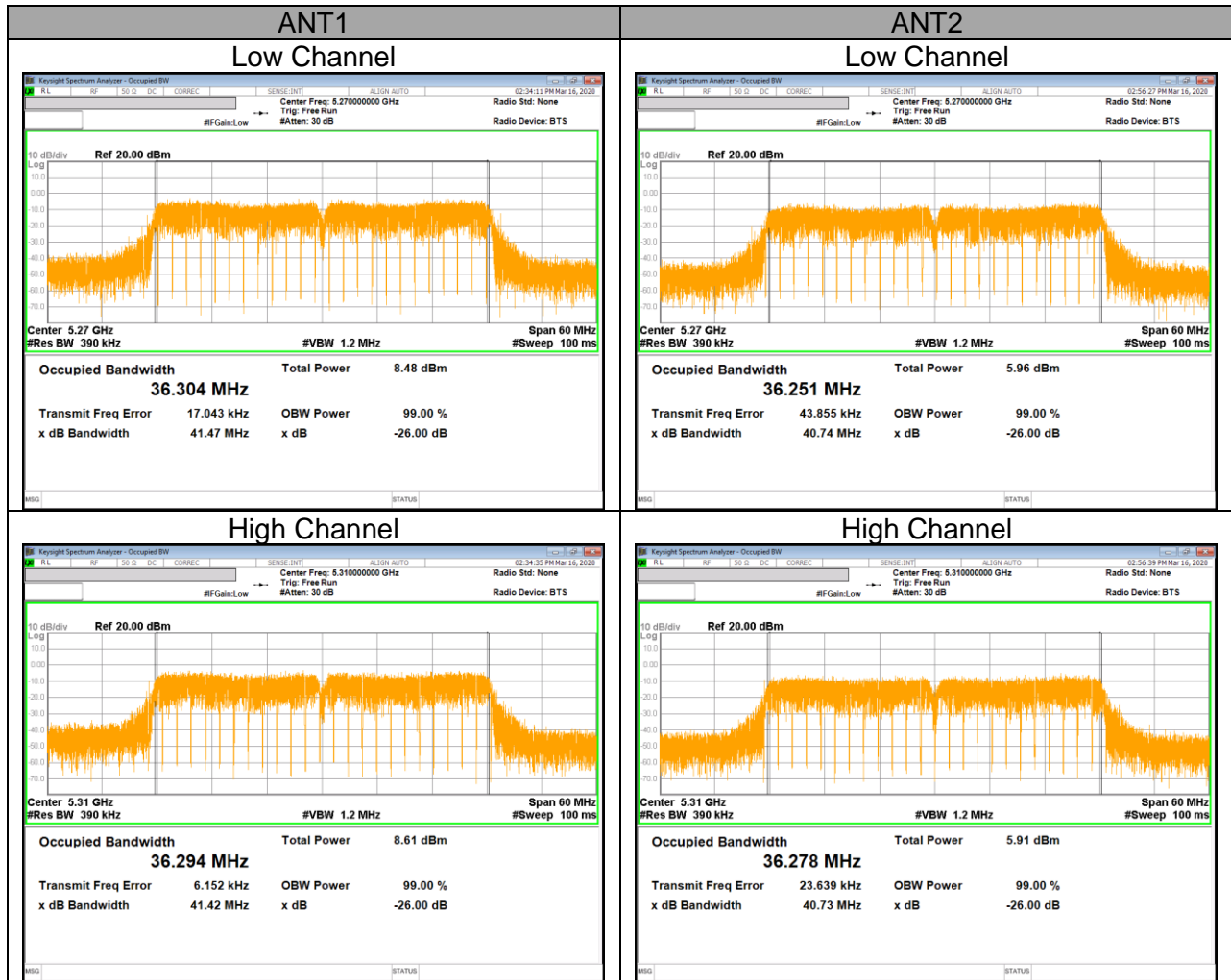
**UNII 5.3 GHz IEEE 802.11a mode**



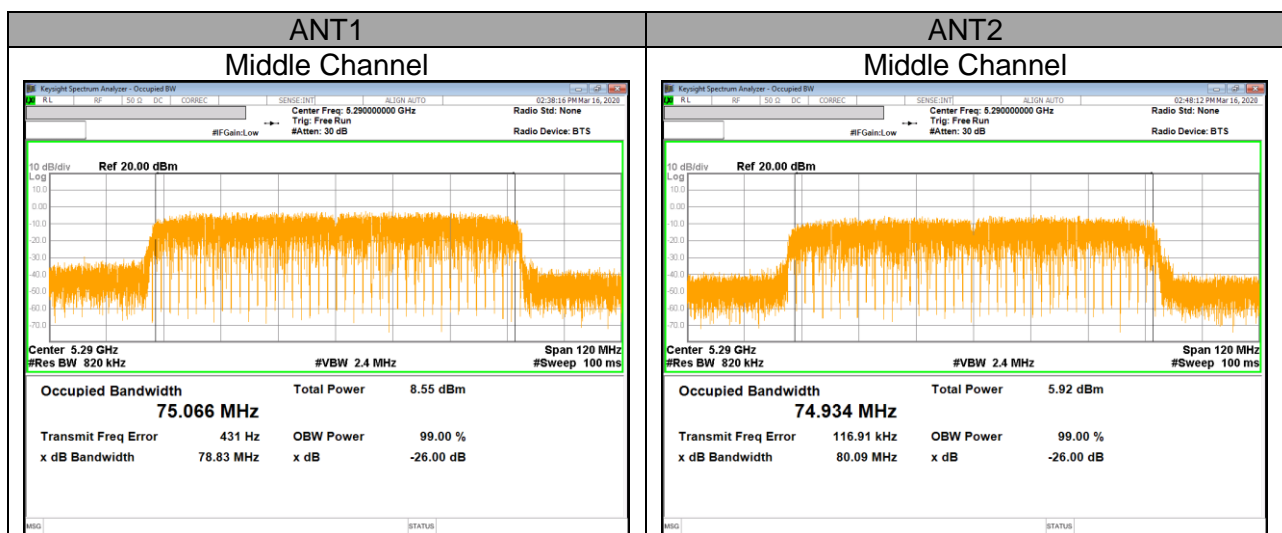
**UNII 5.3 GHz IEEE 802.11n HT20 mode**



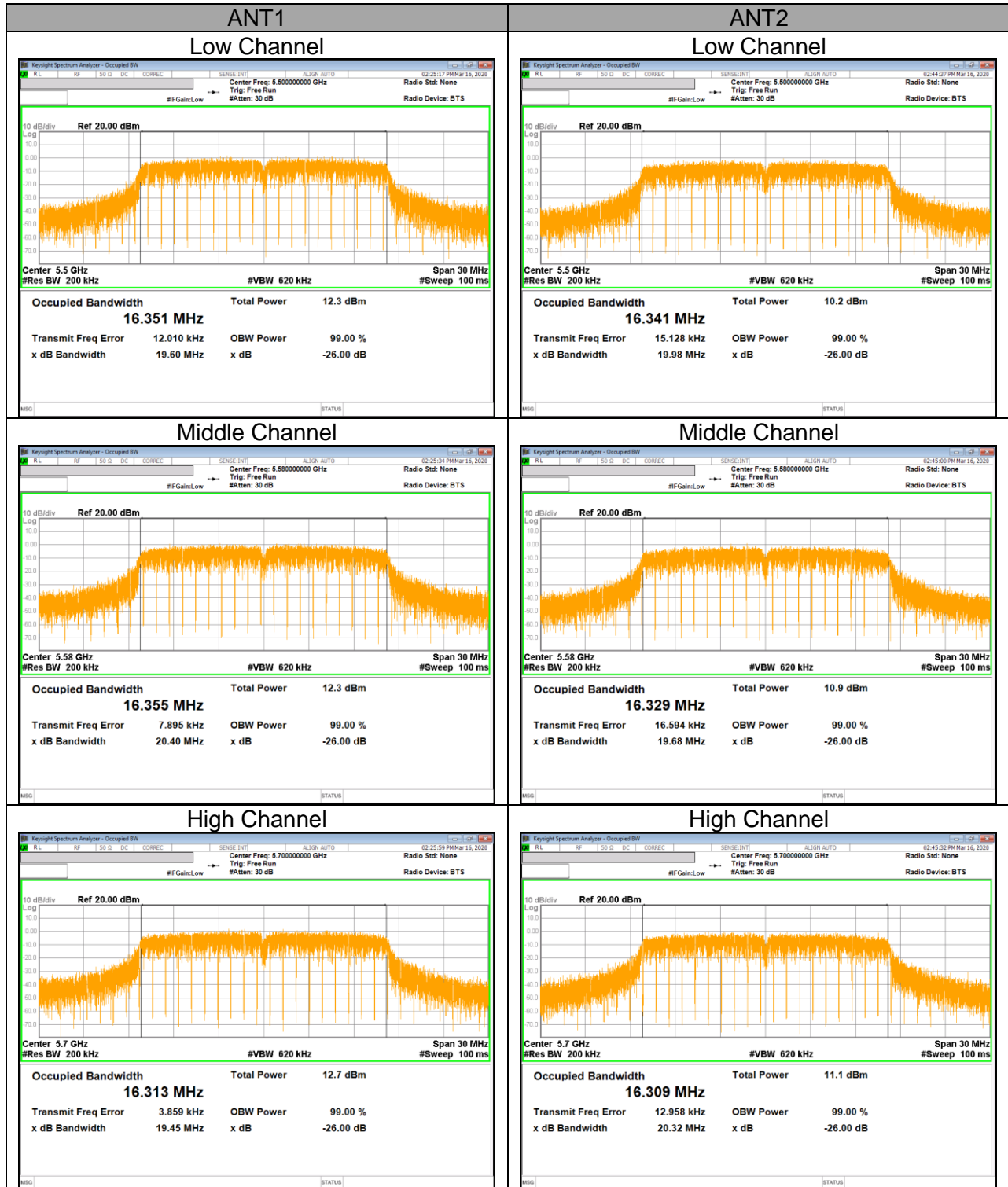
**UNII 5.3 GHz IEEE 802.11n HT40 mode**



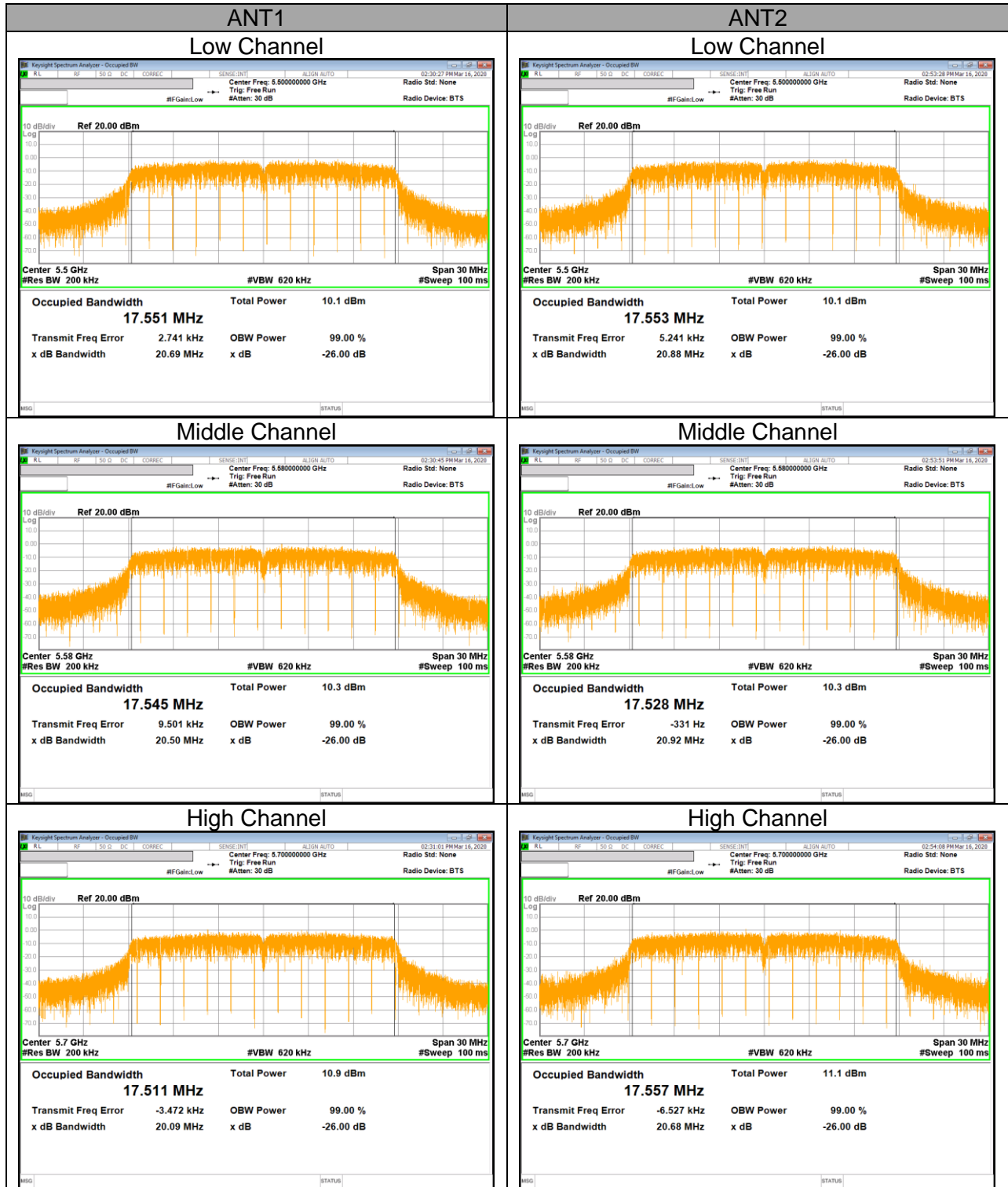
**UNII 5.3 GHz IEEE 802.11ac VHT80 mode**



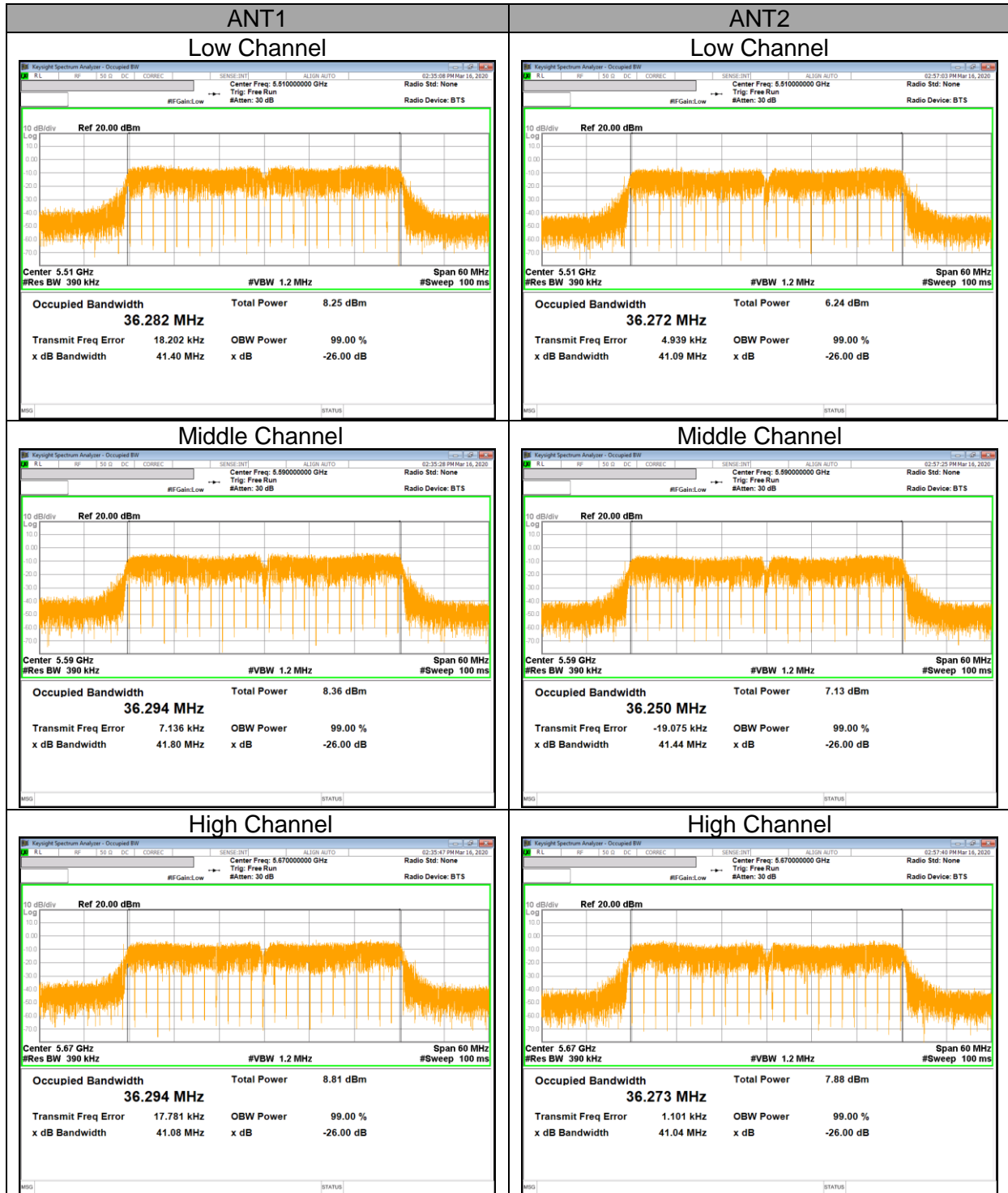
**UNII 5.5 GHz IEEE 802.11a mode**



**UNII 5.5 GHz IEEE 802.11n HT20 mode**

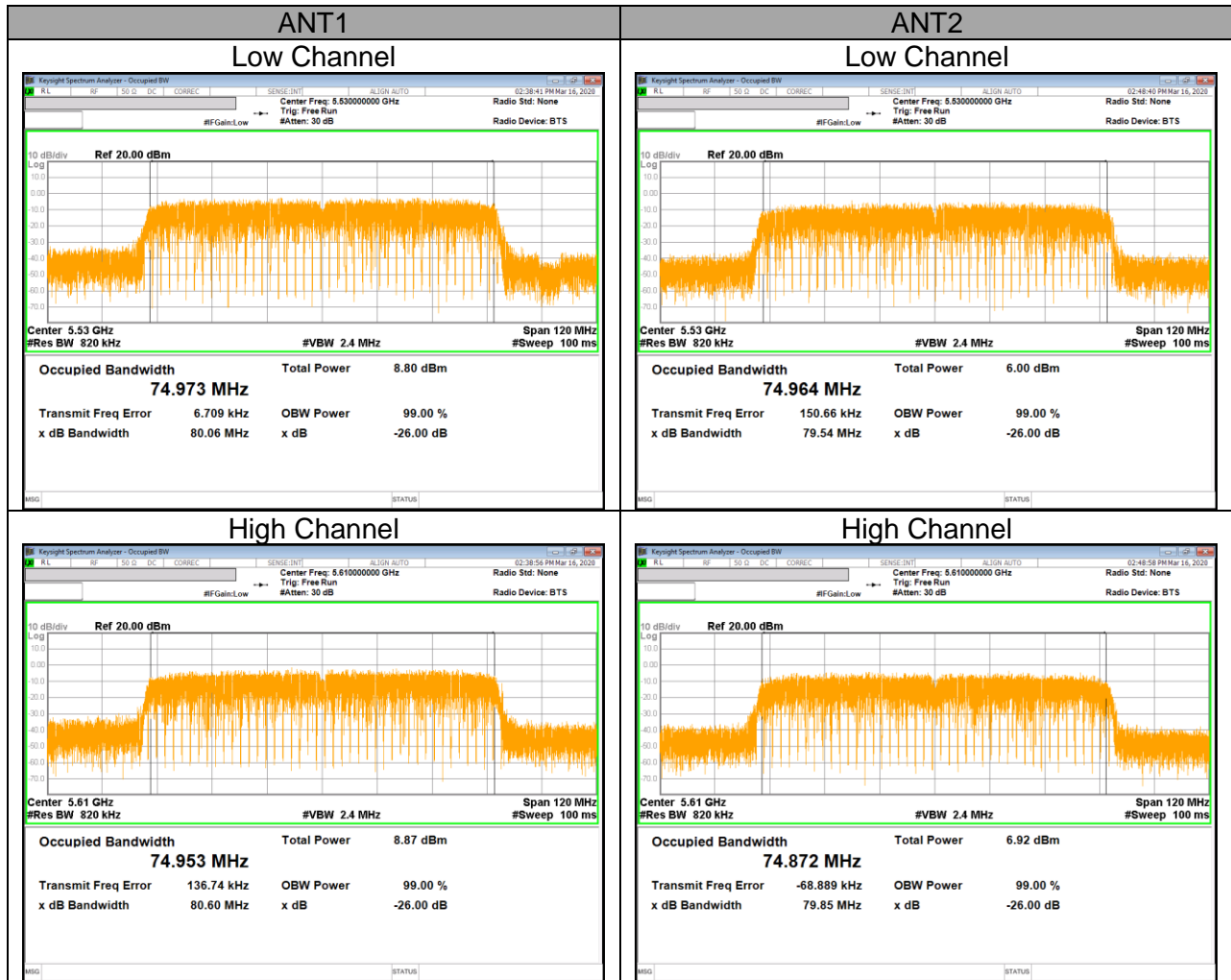


**UNII 5.5 GHz IEEE 802.11n HT40 mode**

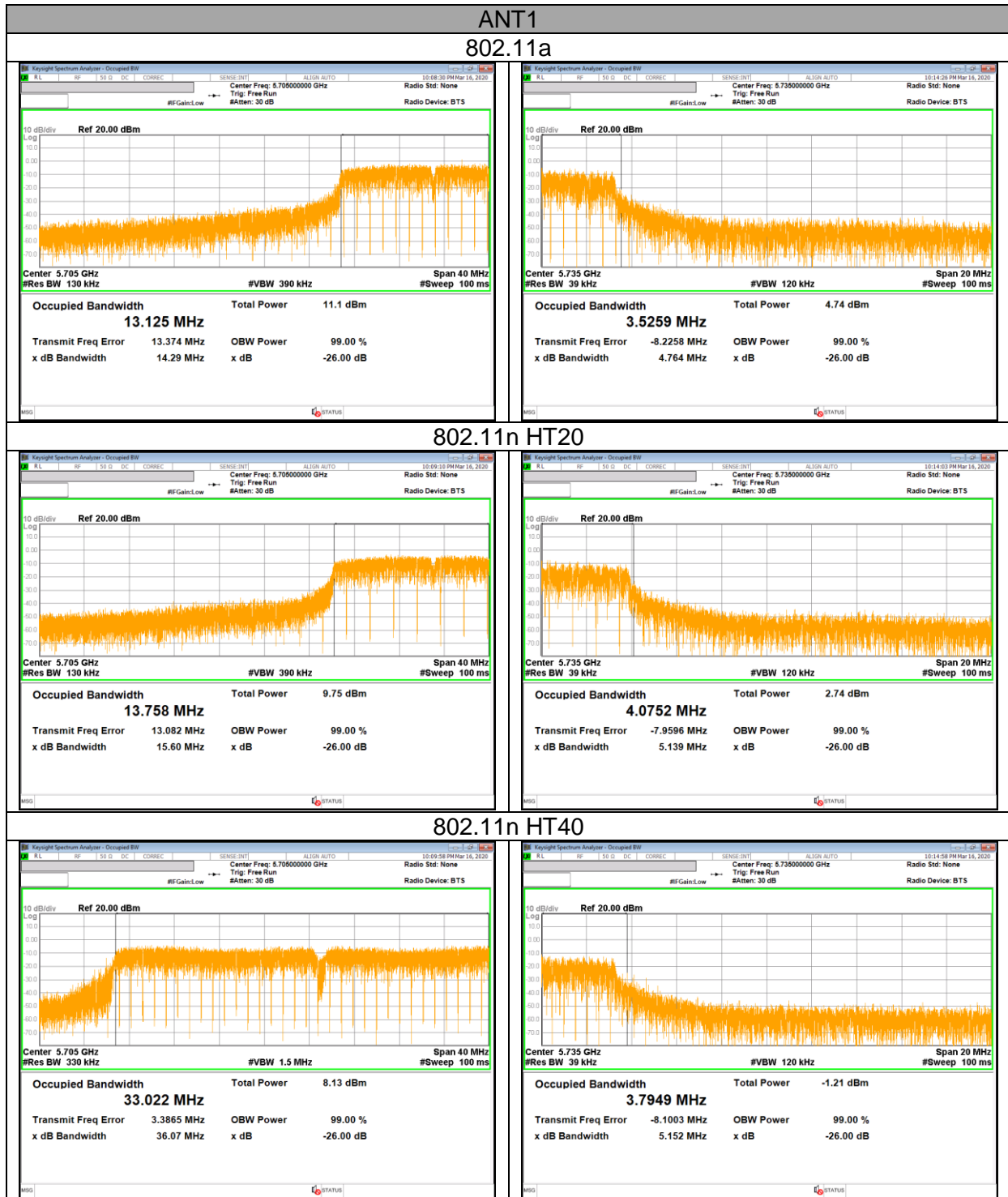


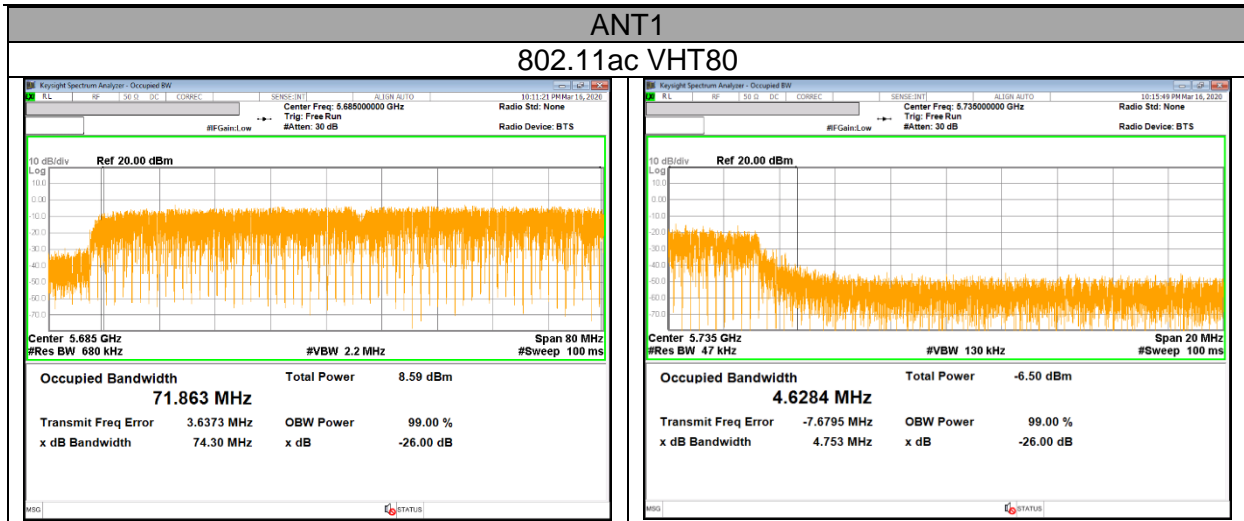


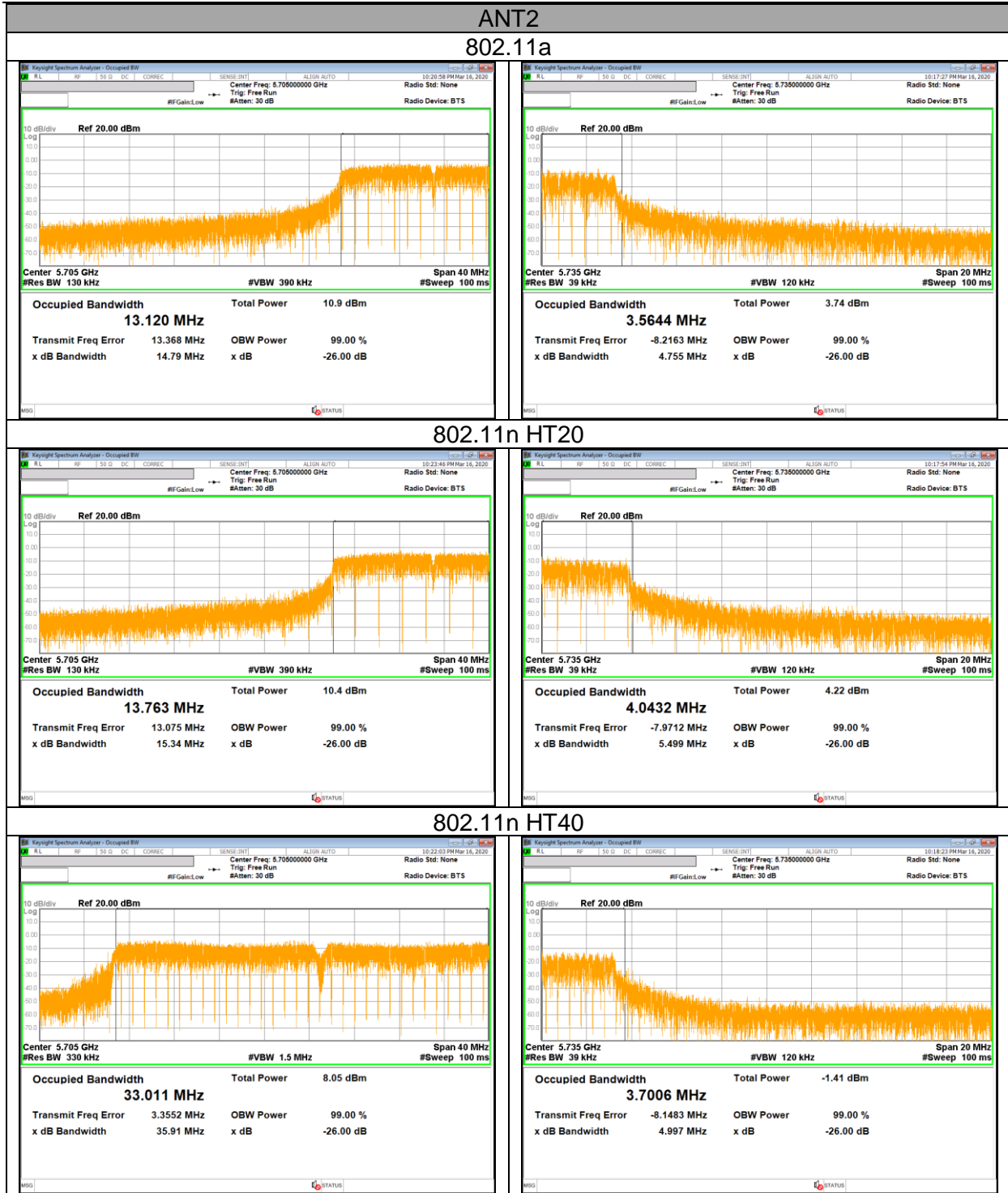
**UNII 5.5 GHz IEEE 802.11ac VHT80 mode**

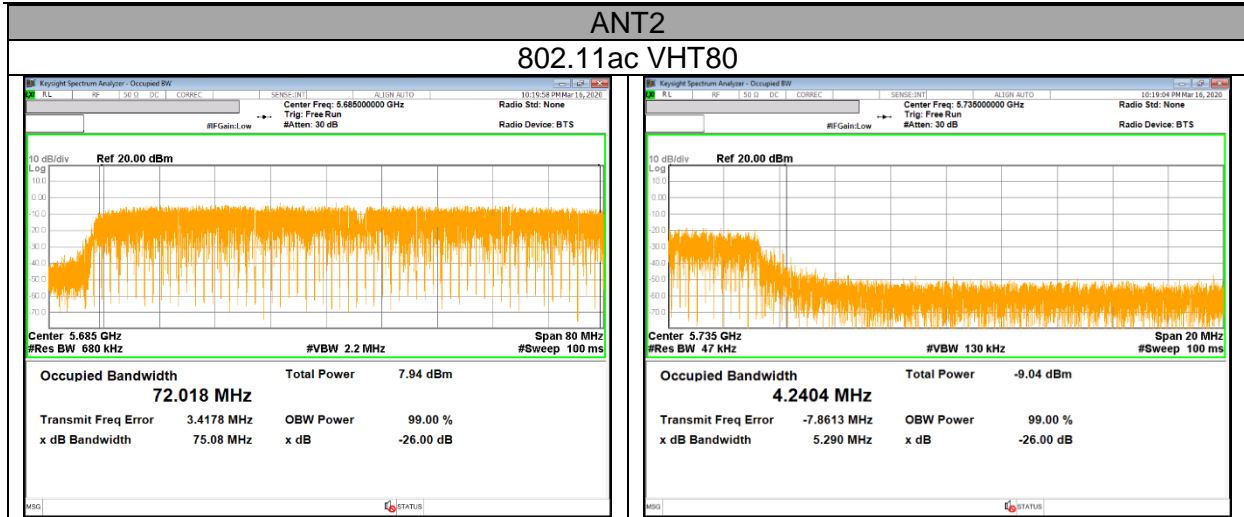


**UNII Straddle Channel IEEE 802.11a / n HT20 / n HT40 / ac VHT80 mode**









## 10.2. 6 dB & 99% BANDWIDTH

### LIMITS

FCC §15.407

The minimum 6 dB bandwidth shall be at least 500 kHz.

### TEST PROCEDURE

Reference to 789033 D02 General UNII Test Procedures New Rules v02r01: The transmitter output is connected to a spectrum analyzer with the RBW set to 100 kHz, the VBW  $\geq 3 \times$  RBW, peak detector and max hold.

### RESULTS

#### 10.2.1. 6 dB & 99% BANDWIDTH TEST RESULTS

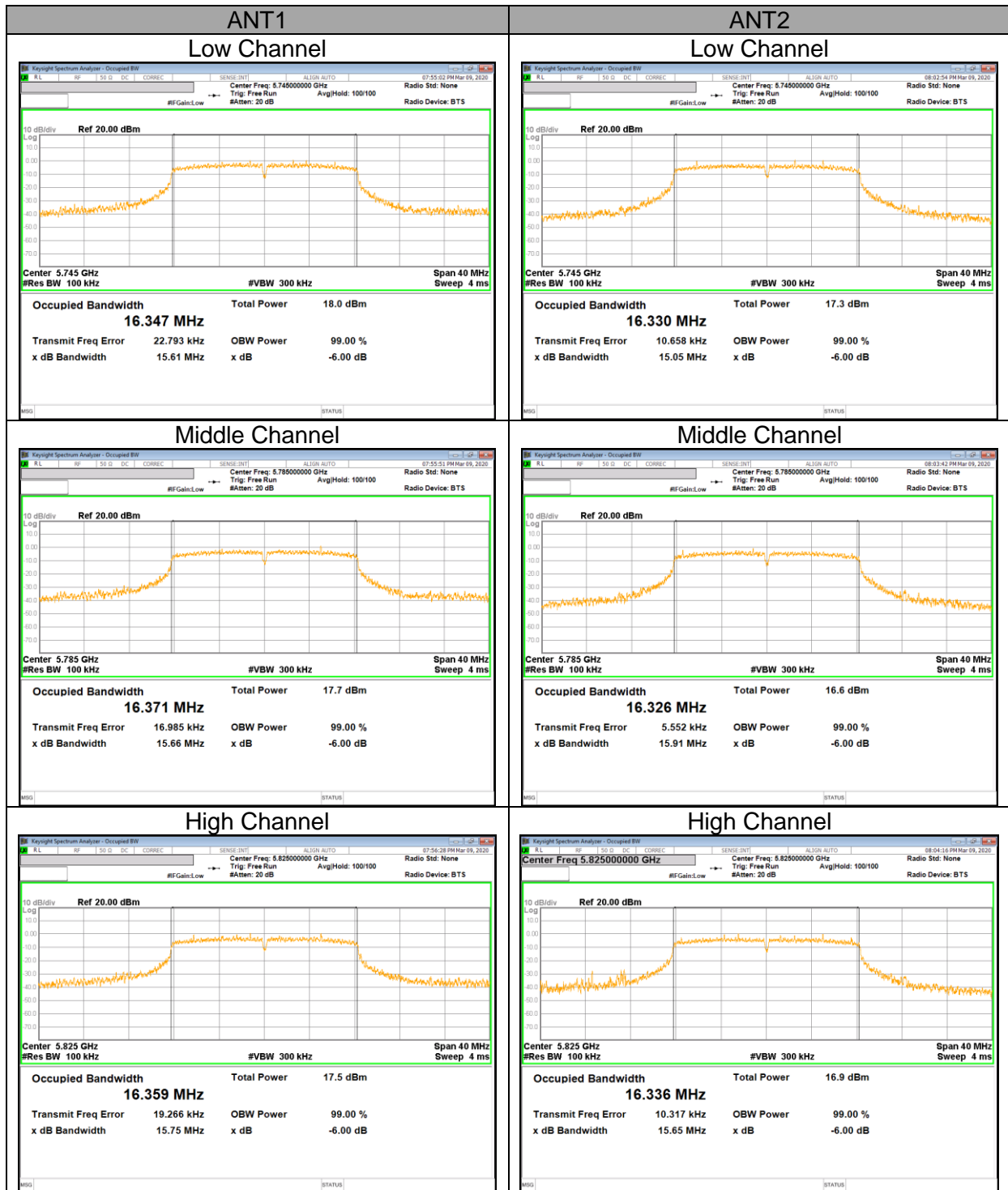
##### 10.2.1.1. ANT1

Band	Mode	Channel	Center Freq. [MHz]	6 dB BW [MHz]	99% BW [MHz]	Worst	Minimum Limit [MHz]
UNII-3	802.11a	Low	5745	15.61	16.33	15.61	0.5
		Mid	5785	15.66	16.36		
		High	5825	15.75	16.34		
	802.11n HT20	Low	5745	16.29	17.52	16.02	
		Mid	5785	16.02	17.58		
		High	5825	15.40	17.56		
	802.11n HT40	Low	5755	36.30	36.29	36.29	
		High	5795	36.29	36.26		
	802.11ac VHT80	Middle	5775	72.81	75.08	72.81	

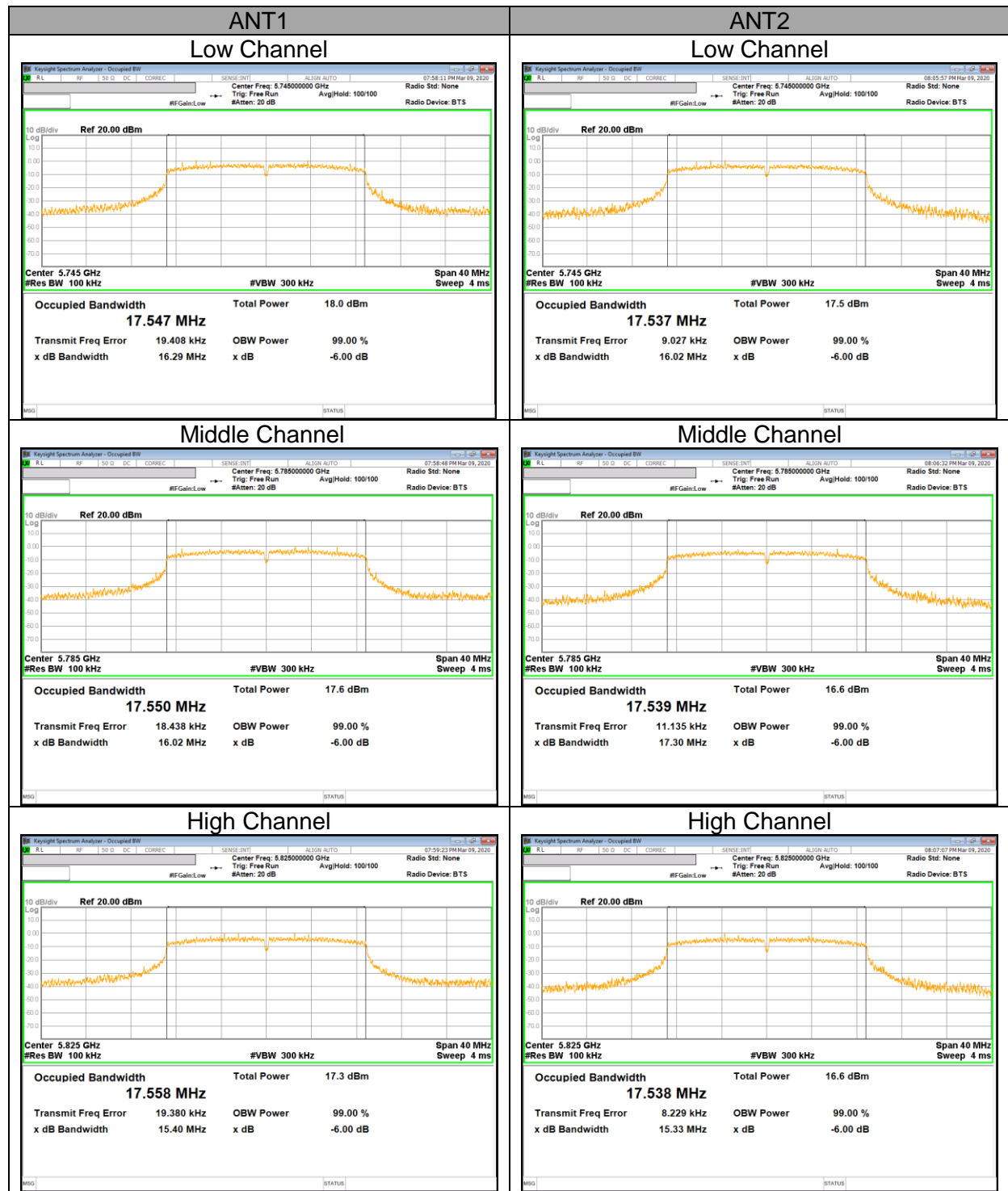
##### 10.2.1.2. ANT2

Band	Mode	Channel	Center Freq. [MHz]	6 dB BW [MHz]	99% BW [MHz]	Worst	Minimum Limit [MHz]
UNII-3	802.11a	Low	5745	15.05	16.33	15.05	0.5
		Mid	5785	15.91	16.36		
		High	5825	15.65	16.35		
	802.11n HT20	Low	5745	16.02	17.55	15.67	
		Mid	5785	17.30	17.55		
		High	5825	15.33	17.53		
	802.11n HT40	Low	5755	36.35	36.29	36.06	
		High	5795	36.06	36.28		
	802.11ac VHT80	Middle	5775	72.50	74.71	72.50	

**10.2.2. 6 dB BANDWIDTH TEST PLOTS**  
**IEEE 802.11a mode**

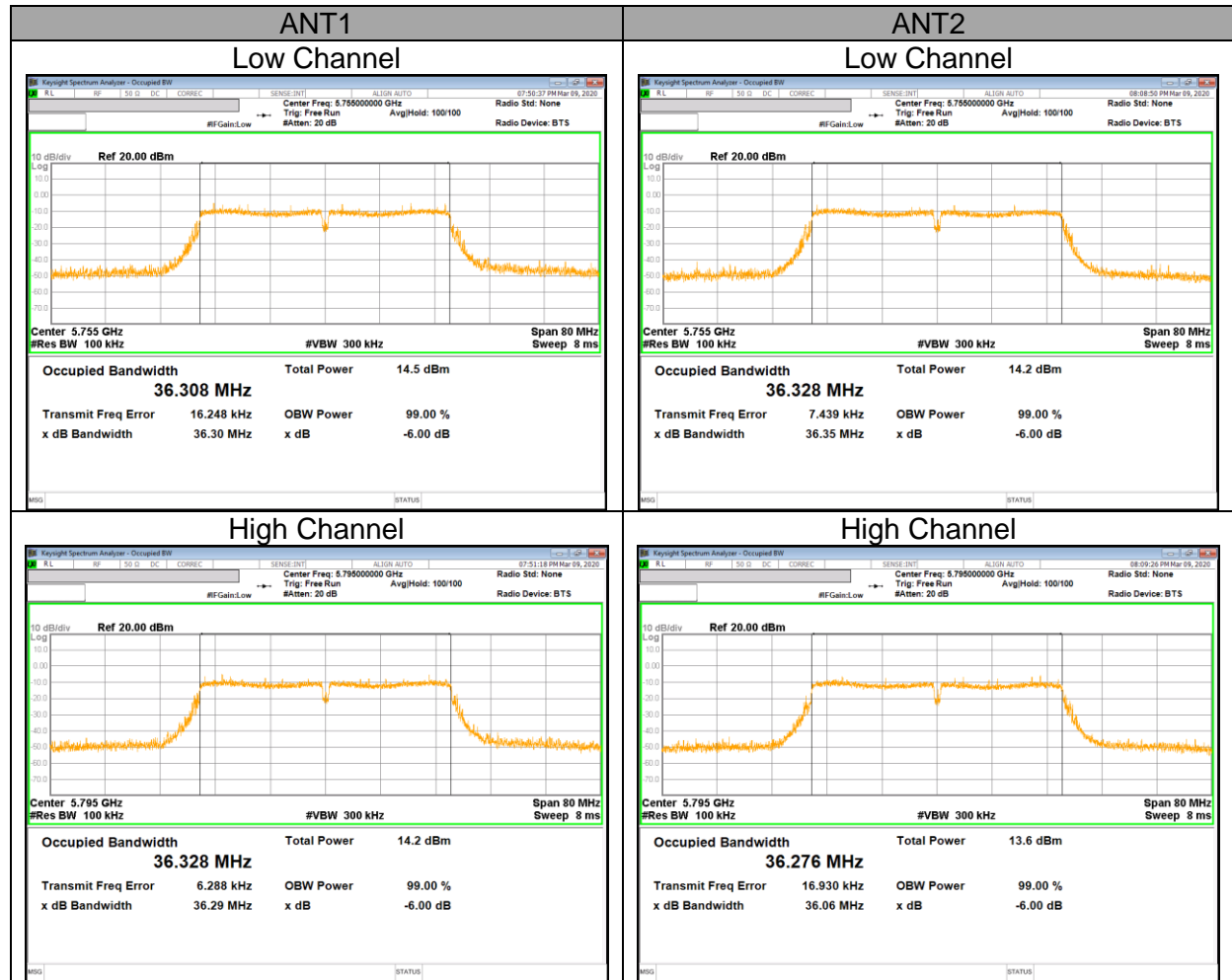


**IEEE 802.11n HT20 mode**





**IEEE 802.11n HT40 mode**



**IEEE 802.11ac VHT80 mode**

