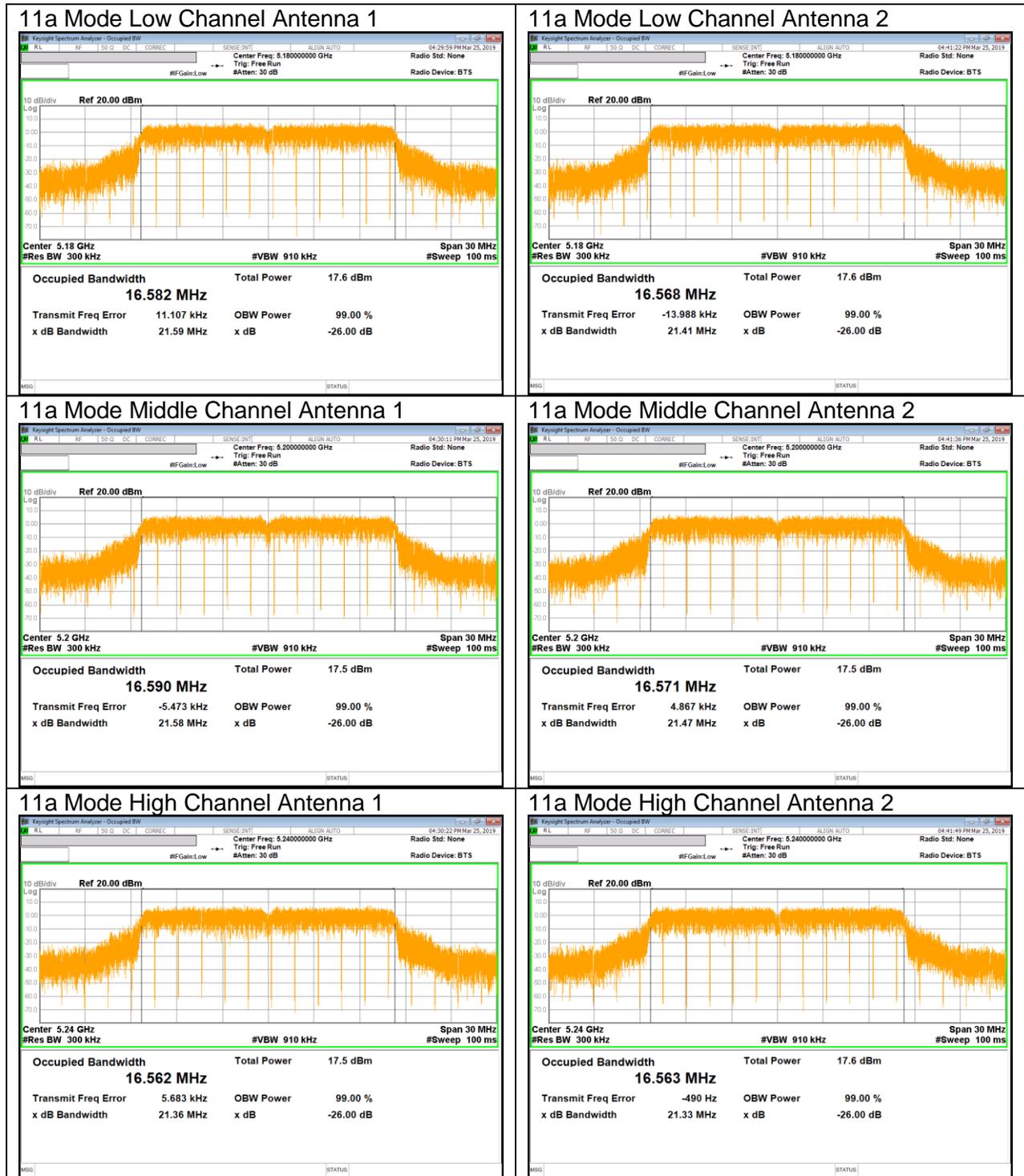
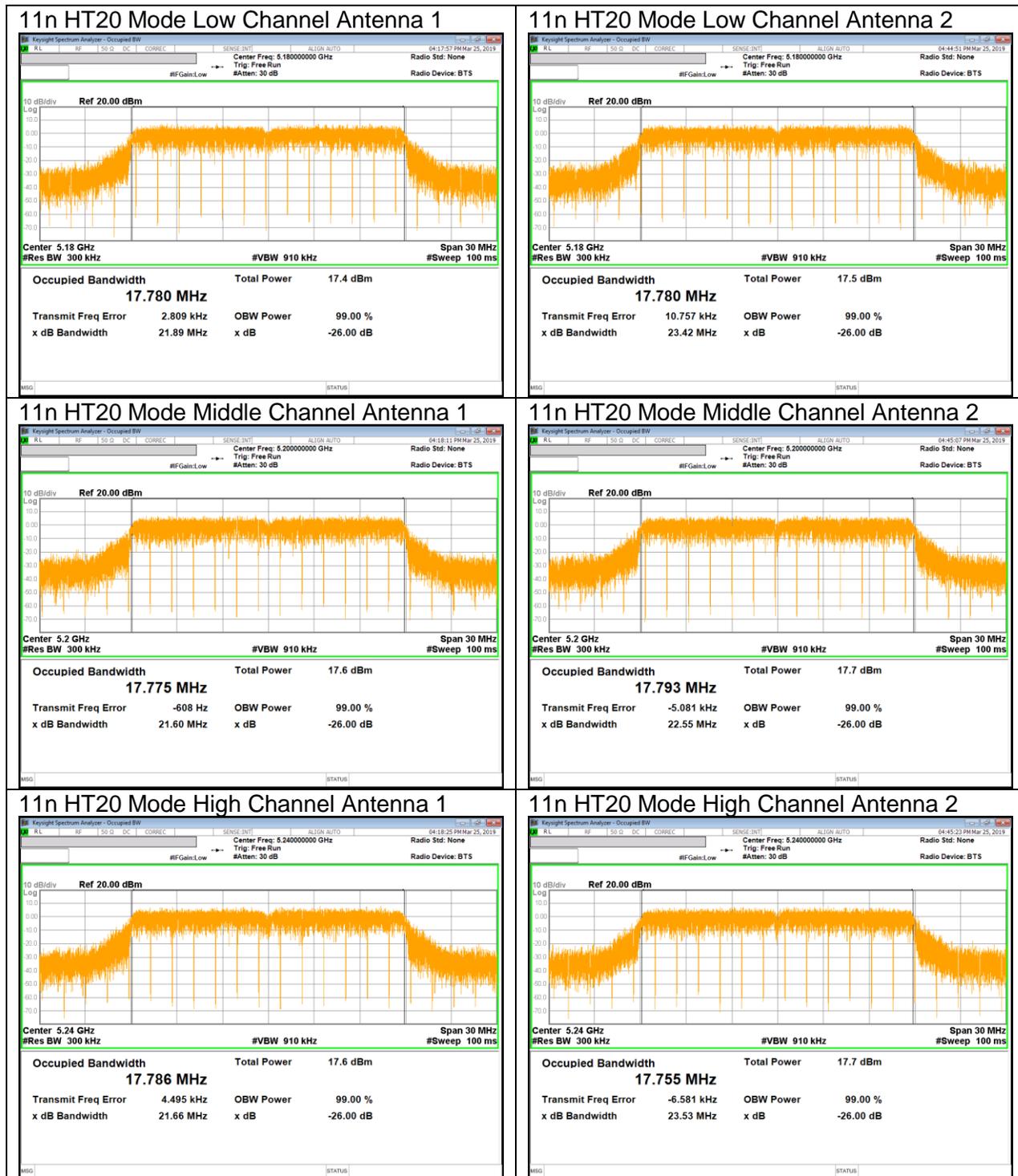


### 9.4.17. 99% BANDWIDTH PLOTS

#### UNII 5.2 GHz IEEE 802.11a mode



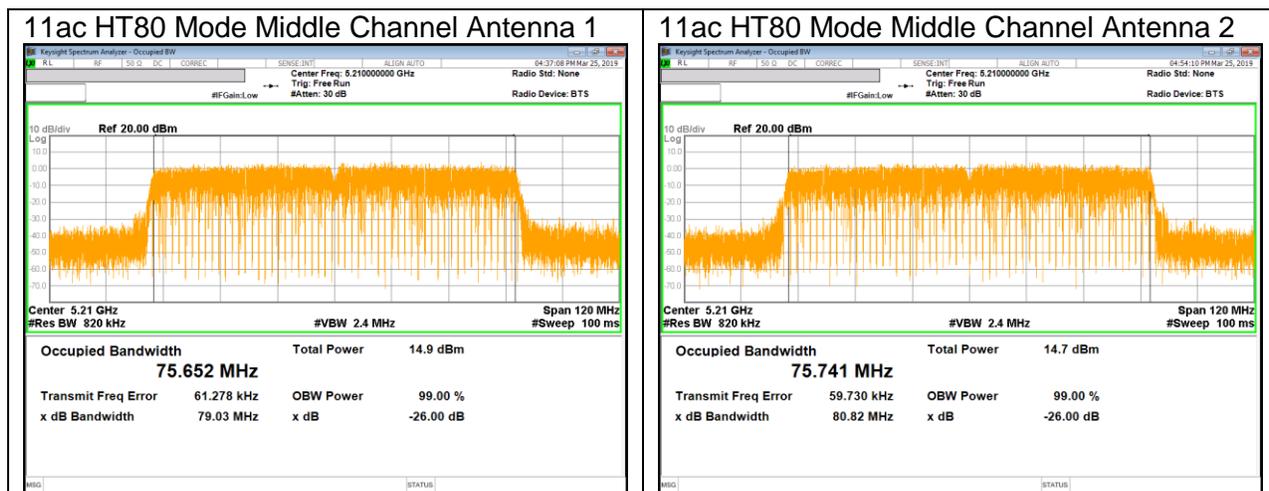
**UNII 5.2 GHz IEEE 802.11n HT20 mode**



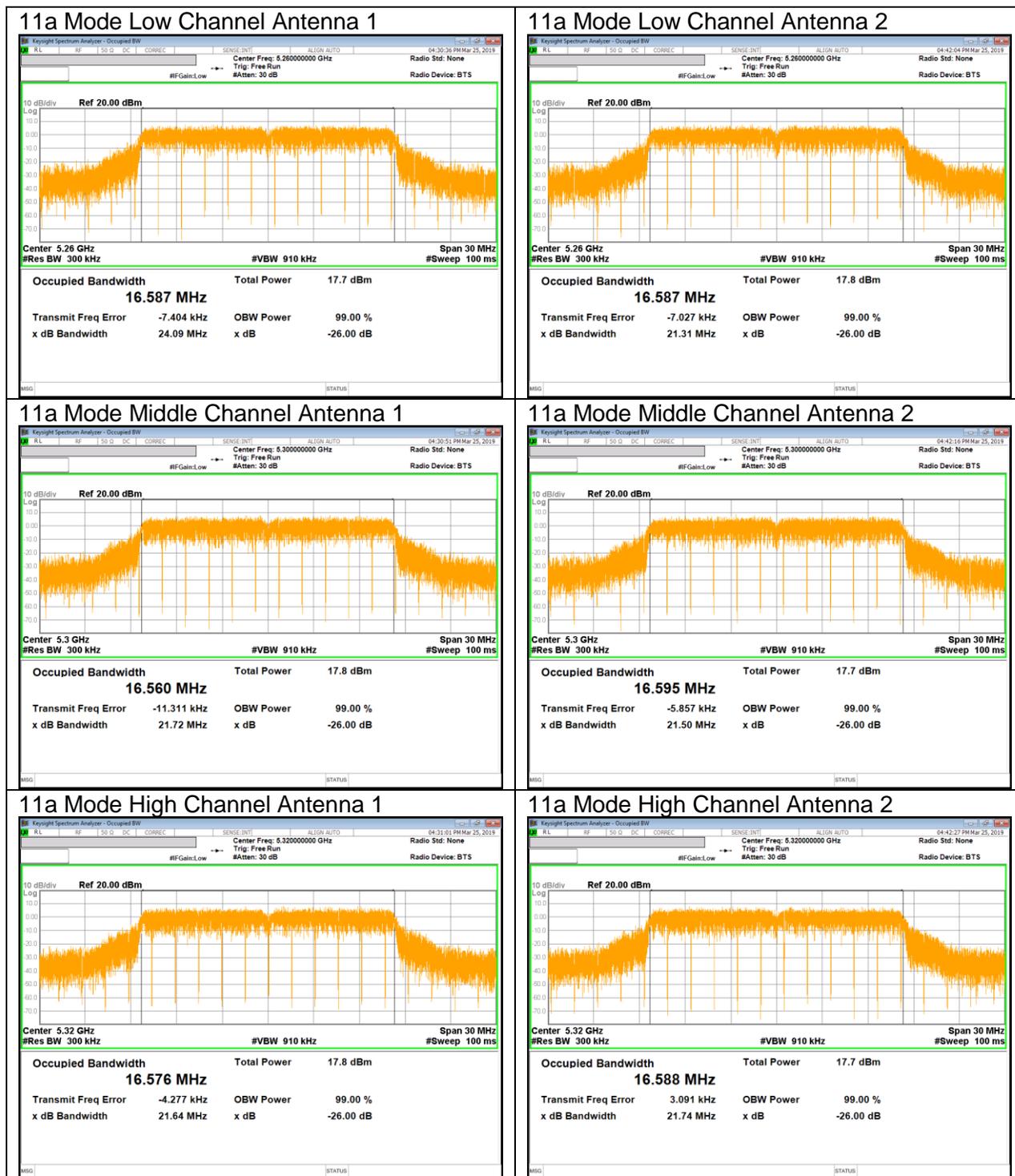
### UNII 5.2 GHz IEEE 802.11n HT40 mode



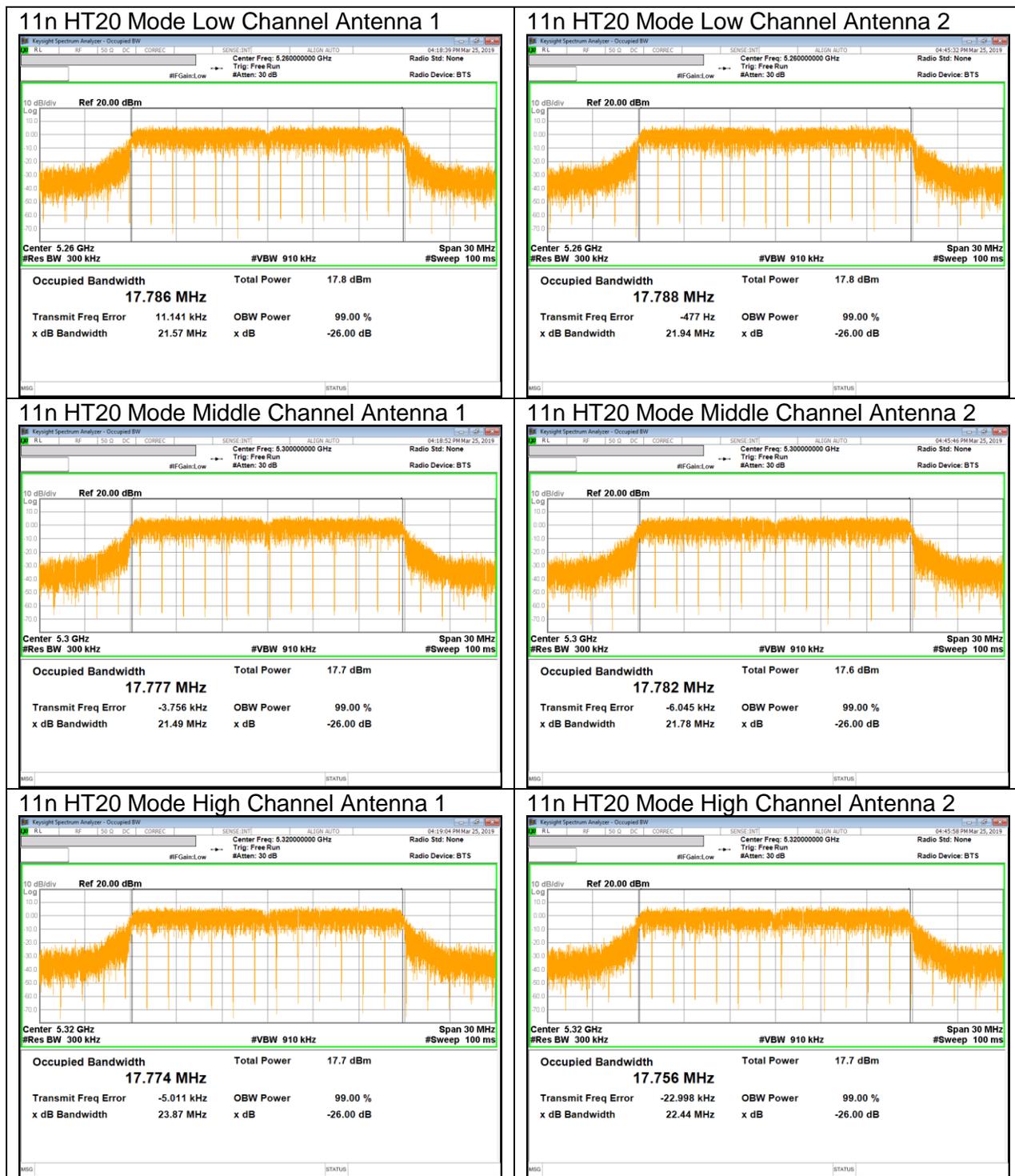
### UNII 5.2 GHz IEEE 802.11ac VHT80 mode



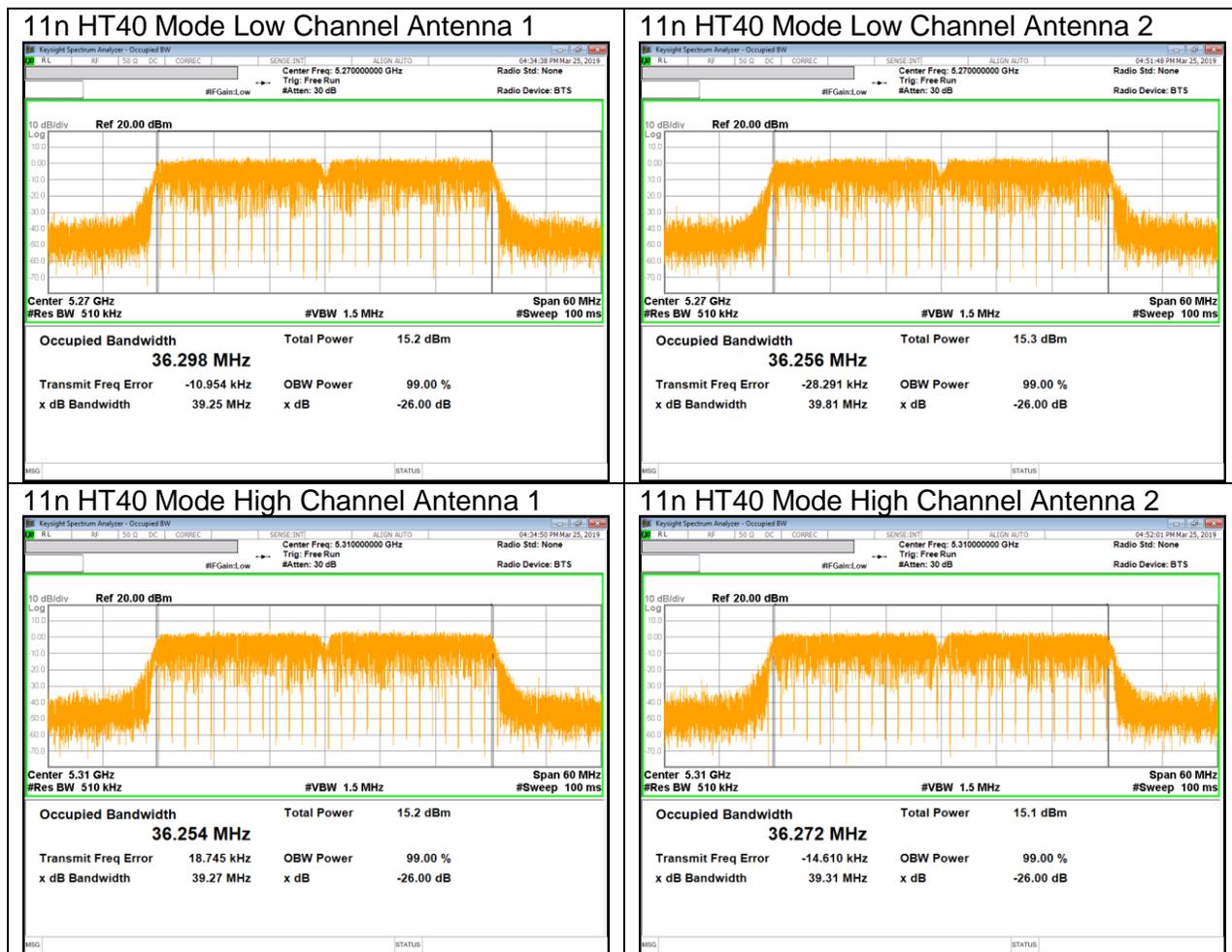
**UNII 5.3 GHz IEEE 802.11a mode**



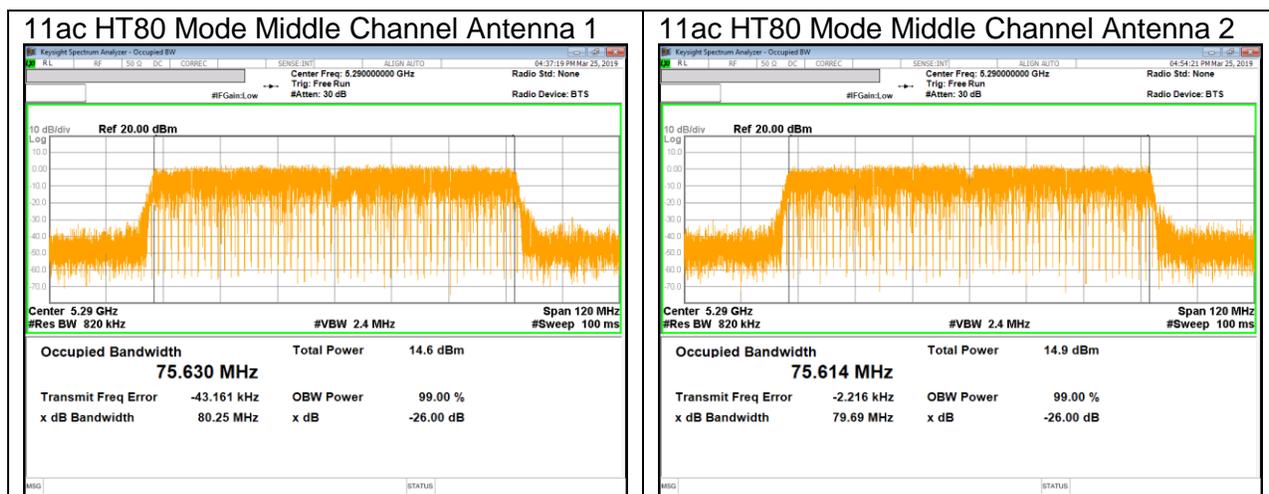
**UNII 5.3 GHz IEEE 802.11n HT20 mode**



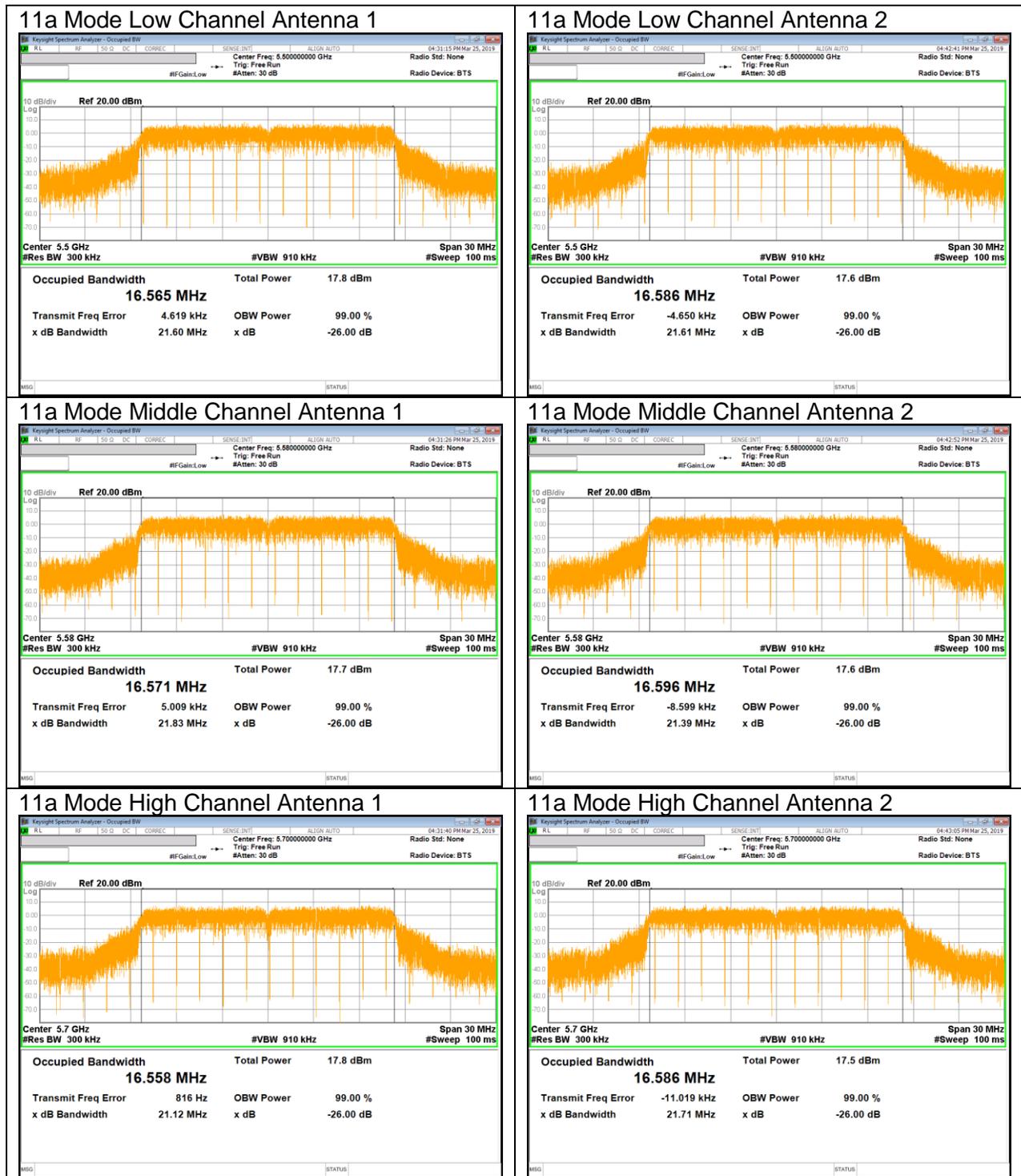
### UNII 5.3 GHz IEEE 802.11n HT40 mode



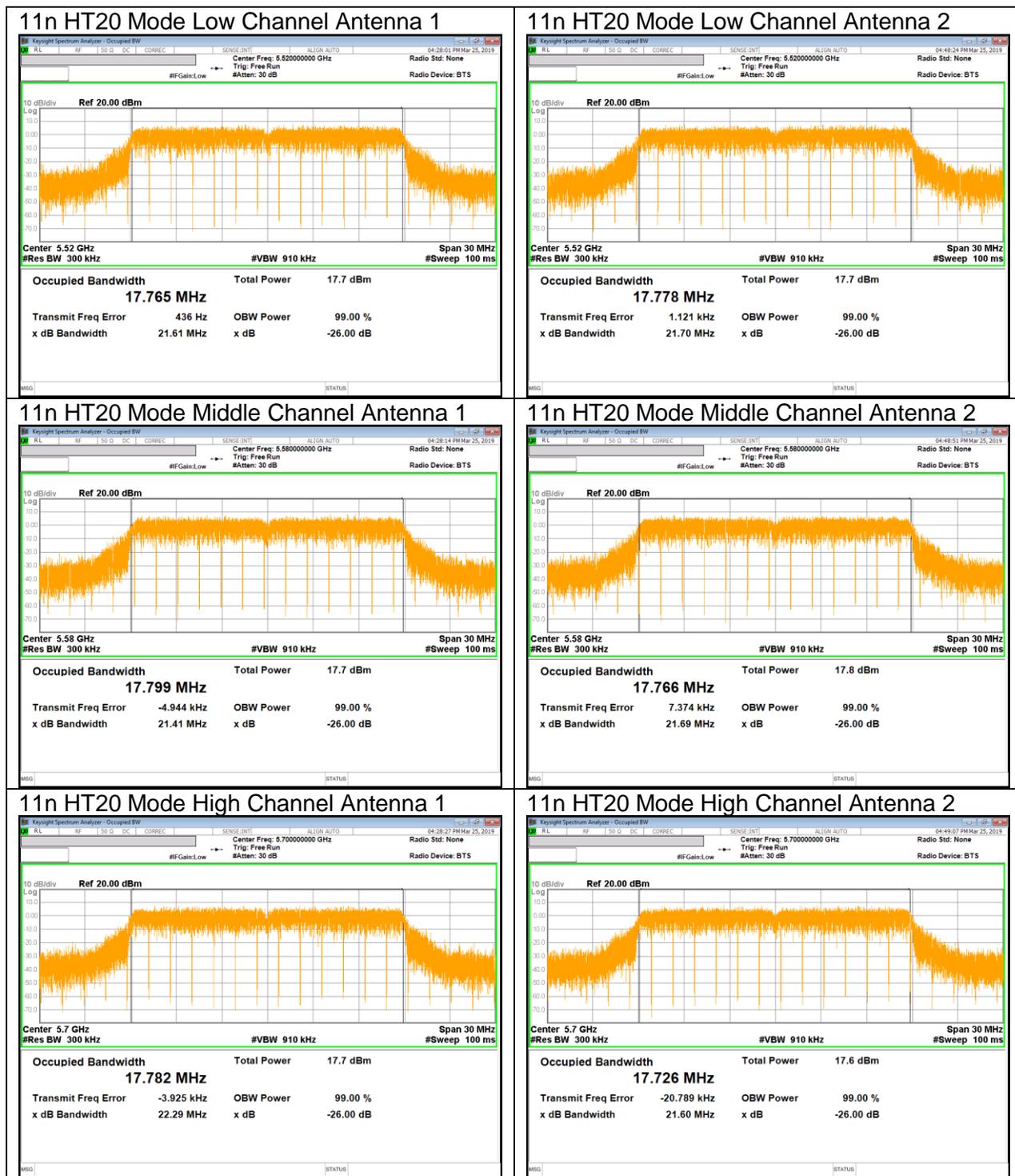
### UNII 5.3 GHz IEEE 802.11ac VHT80 mode



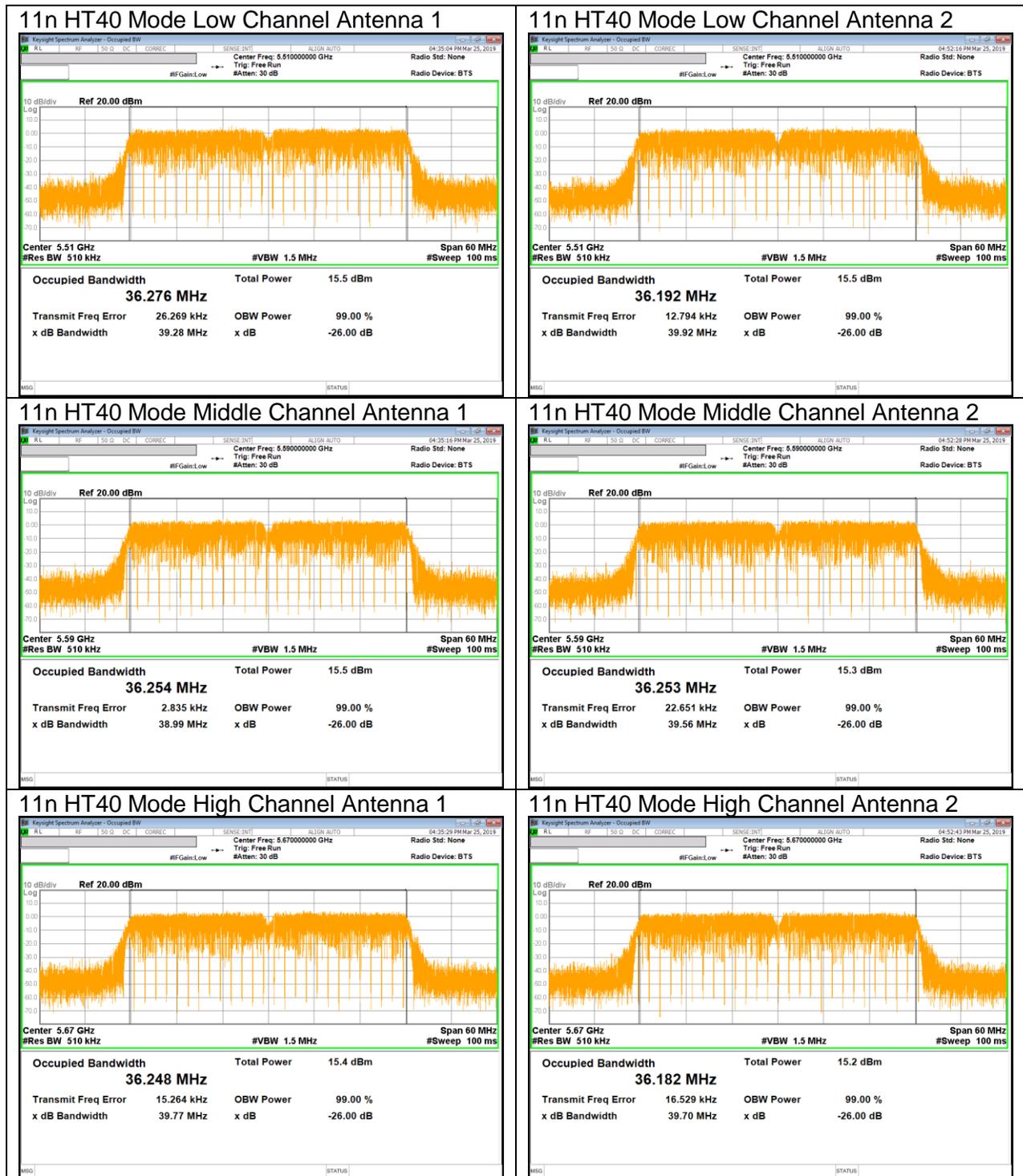
**UNII 5.5 GHz IEEE 802.11a mode**



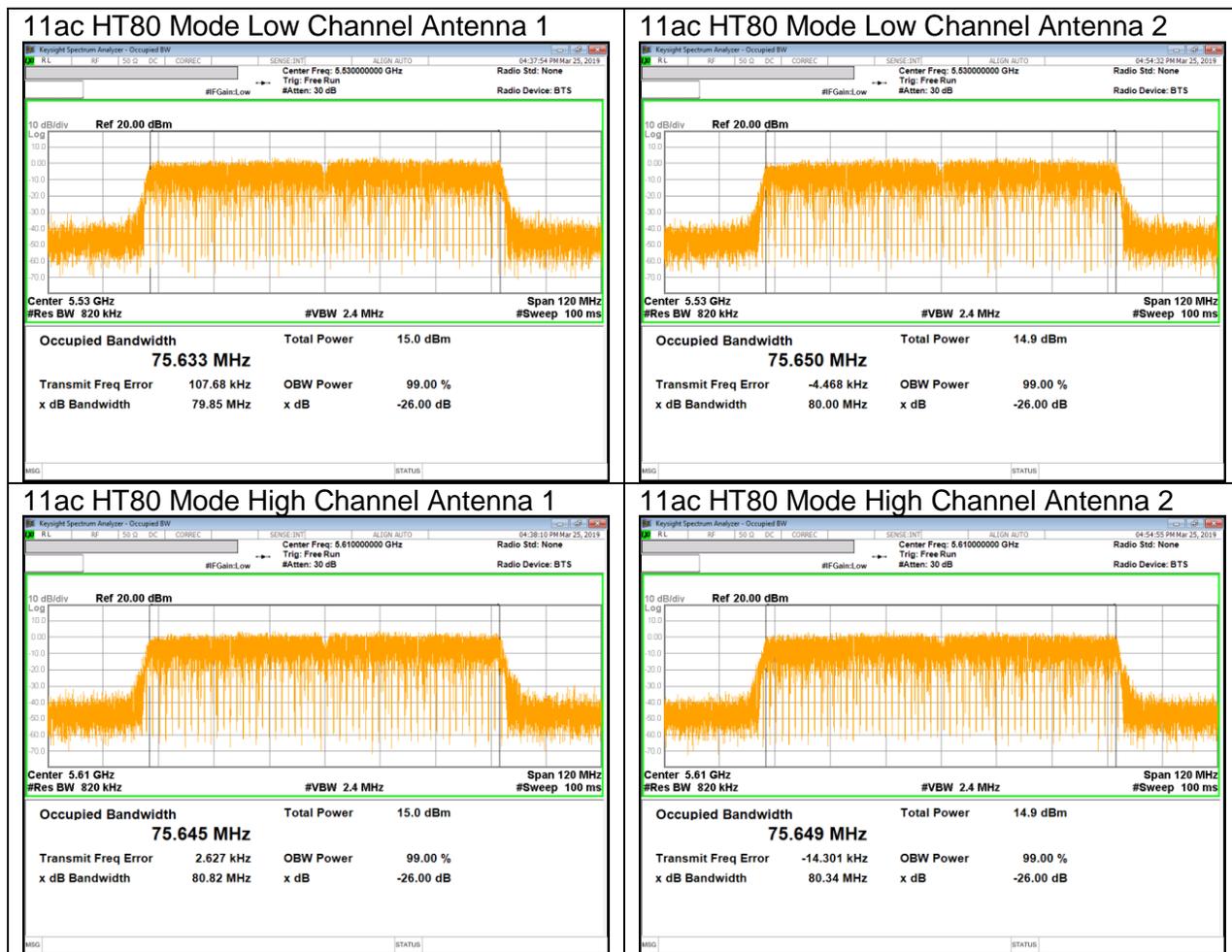
**UNII 5.5 GHz IEEE 802.11n HT20 mode**



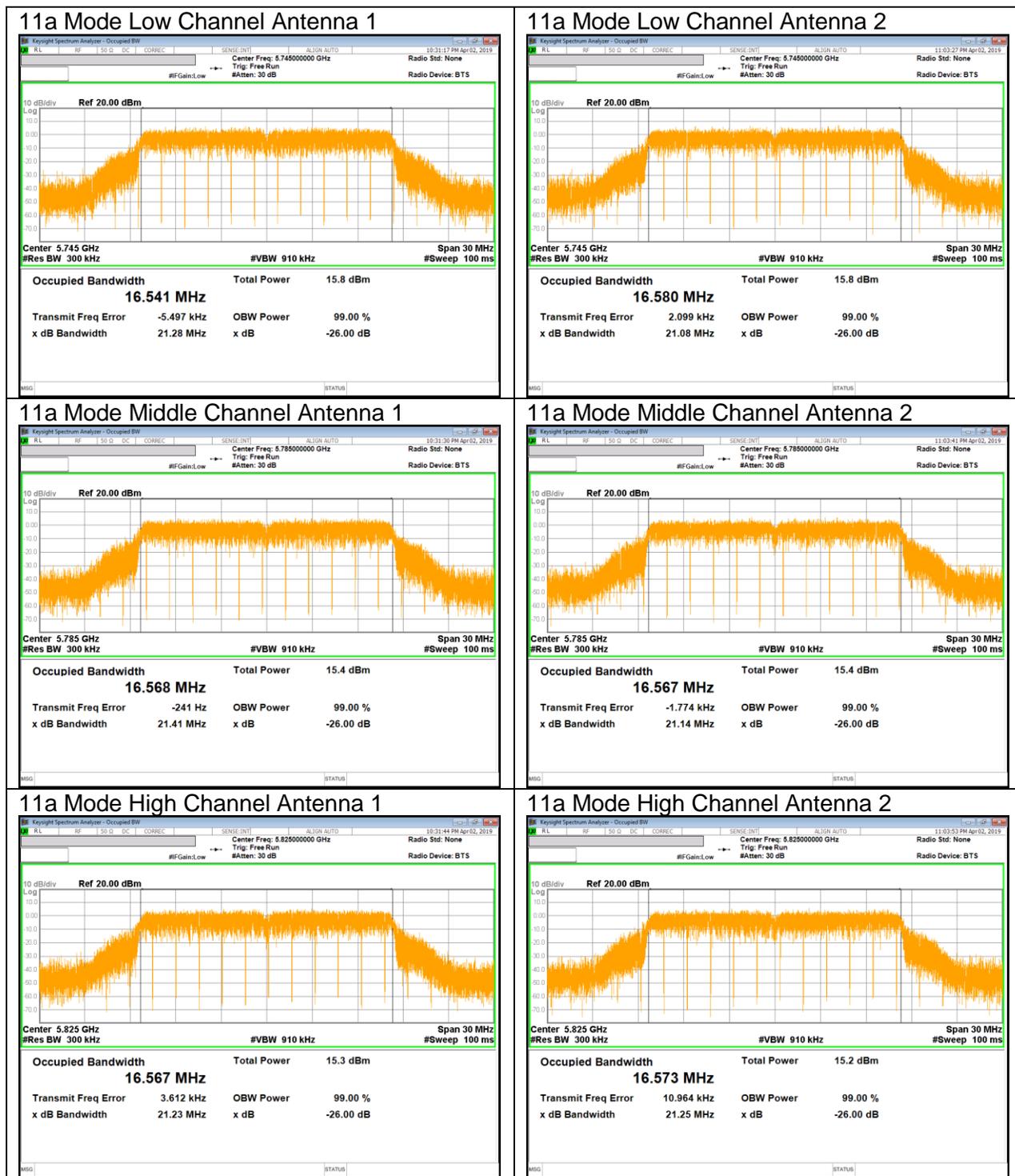
**UNII 5.5 GHz IEEE 802.11n HT40 mode**



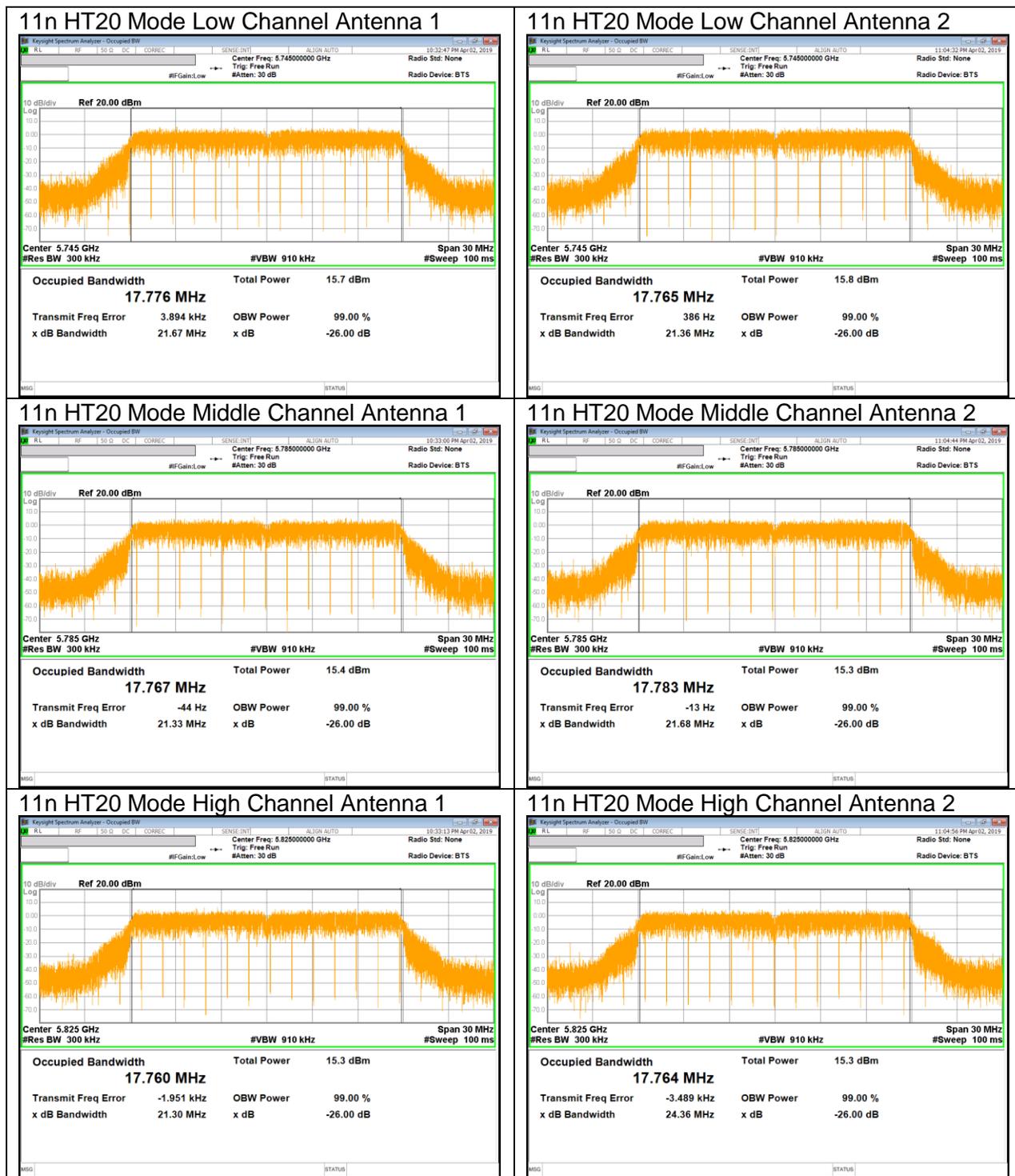
**UNII 5.5 GHz IEEE 802.11ac VHT80 mode**



**UNII 5.8 GHz IEEE 802.11a mode**



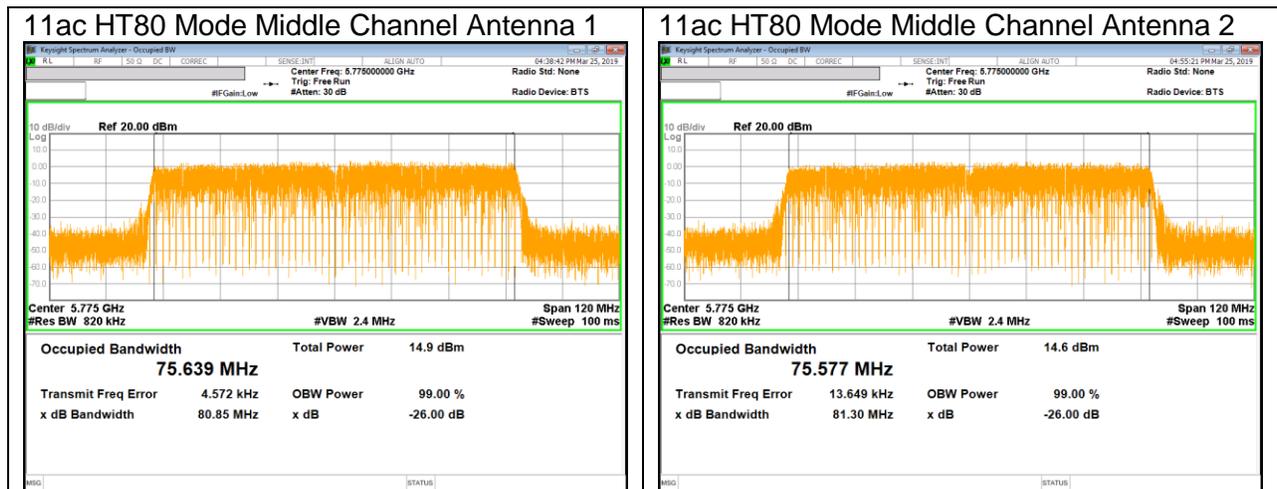
**UNII 5.8 GHz IEEE 802.11n HT20 mode**



**UNII 5.8 GHz IEEE 802.11n HT40 mode**



**UNII 5.8 GHz IEEE 802.11ac VHT80 mode**



## 10. ANTENNA PORT TEST RESULTS

### 10.1. 6 dB 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 100KHz, the VBW  $\geq 3 \times$  RBW, peak detector and max hold.

#### RESULTS

**10.1.1. 802.11a MODE IN THE 5.8 GHz BAND**

Channel	Frequency [MHz]	6 dB Bandwidth [MHz]		Minimum Limit [MHz]
		Antenna 1	Antenna 2	
Low	5745	16.44	16.36	0.5
Mid	5785	16.35	16.40	0.5
High	5825	16.33	16.35	0.5
Worst		16.33		

**10.1.2. 802.11n HT20 MODE IN THE 5.8 GHz BAND**

Channel	Frequency [MHz]	6 dB Bandwidth [MHz]		Minimum Limit [MHz]
		Antenna 1	Antenna 2	
Low	5745	17.57	17.59	0.5
Mid	5785	17.59	17.58	0.5
High	5825	17.58	17.60	0.5
Worst		17.57		

**10.1.3. 802.11n HT40 MODE IN THE 5.8 GHz BAND**

Channel	Frequency [MHz]	6 dB Bandwidth [MHz]		Minimum Limit [MHz]
		Antenna 1	Antenna 2	
Low	5755	36.33	36.33	0.5
High	5795	36.30	36.31	0.5
Worst		36.30		

**10.1.4. 802.11n VHT80 MODE IN THE 5.8 GHz BAND**

Channel	Frequency [MHz]	6 dB Bandwidth [MHz]		Minimum Limit [MHz]
		Antenna 1	Antenna 2	
Middle	5775	75.30	75.32	0.5
Worst		75.30		

### 10.1.5. 6 dB BANDWIDTH PLOTS

#### IEEE 802.11a mode

