

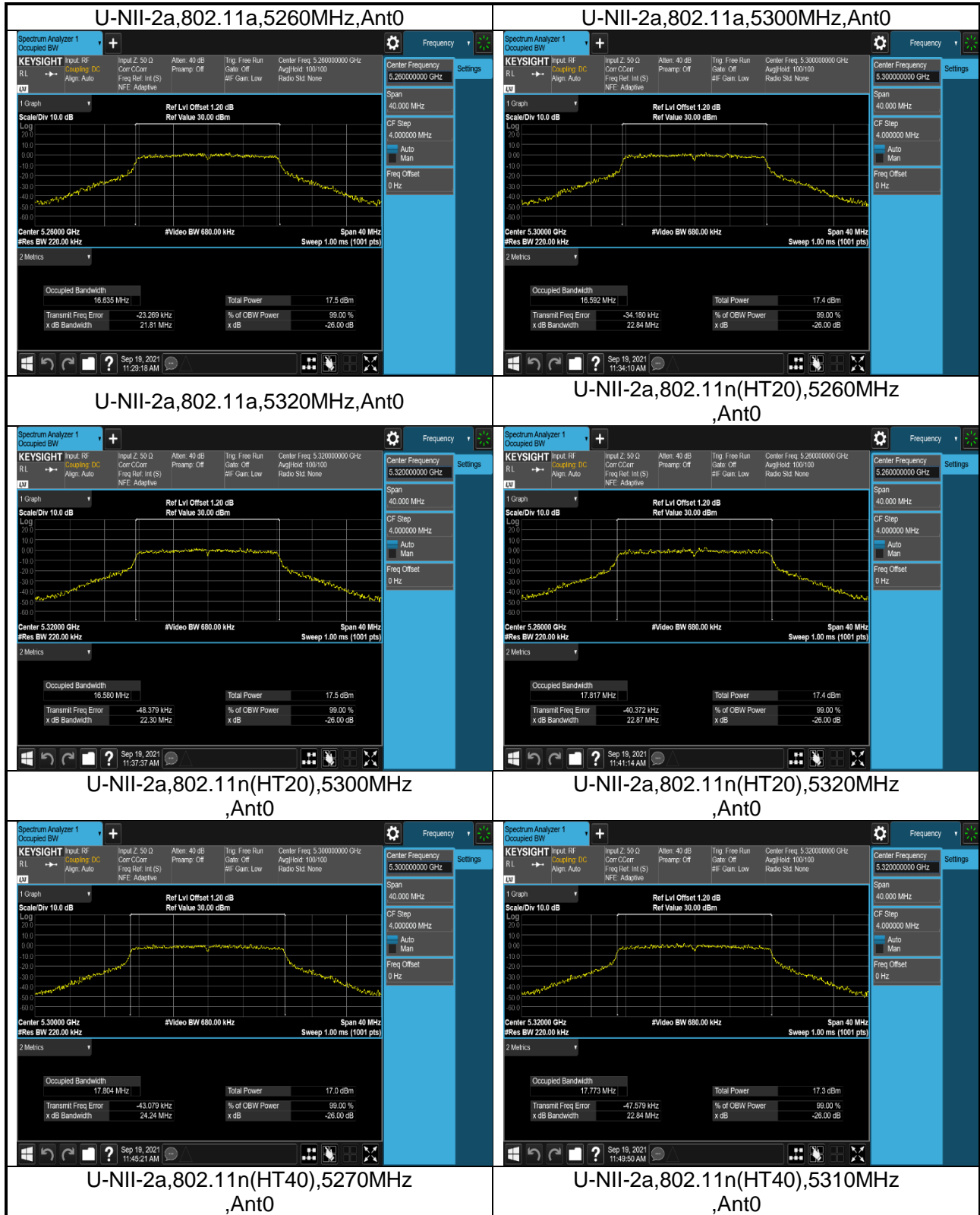
## Appendix A: Test results

### 1. Occupied N dB Bandwidth

#### 1.1 Test Data

U-NII-2a Occupied N dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11a	5260	Ant0	21.81	Pass
802.11a	5300	Ant0	22.84	Pass
802.11a	5320	Ant0	22.30	Pass
802.11n (HT20)	5260	Ant0	22.87	Pass
802.11n (HT20)	5300	Ant0	24.24	Pass
802.11n (HT20)	5320	Ant0	22.84	Pass
802.11n (HT40)	5270	Ant0	41.17	Pass
802.11n (HT40)	5310	Ant0	40.82	Pass
802.11ac (VHT80)	5290	Ant0	82.96	Pass

#### 1.2 Test Plots



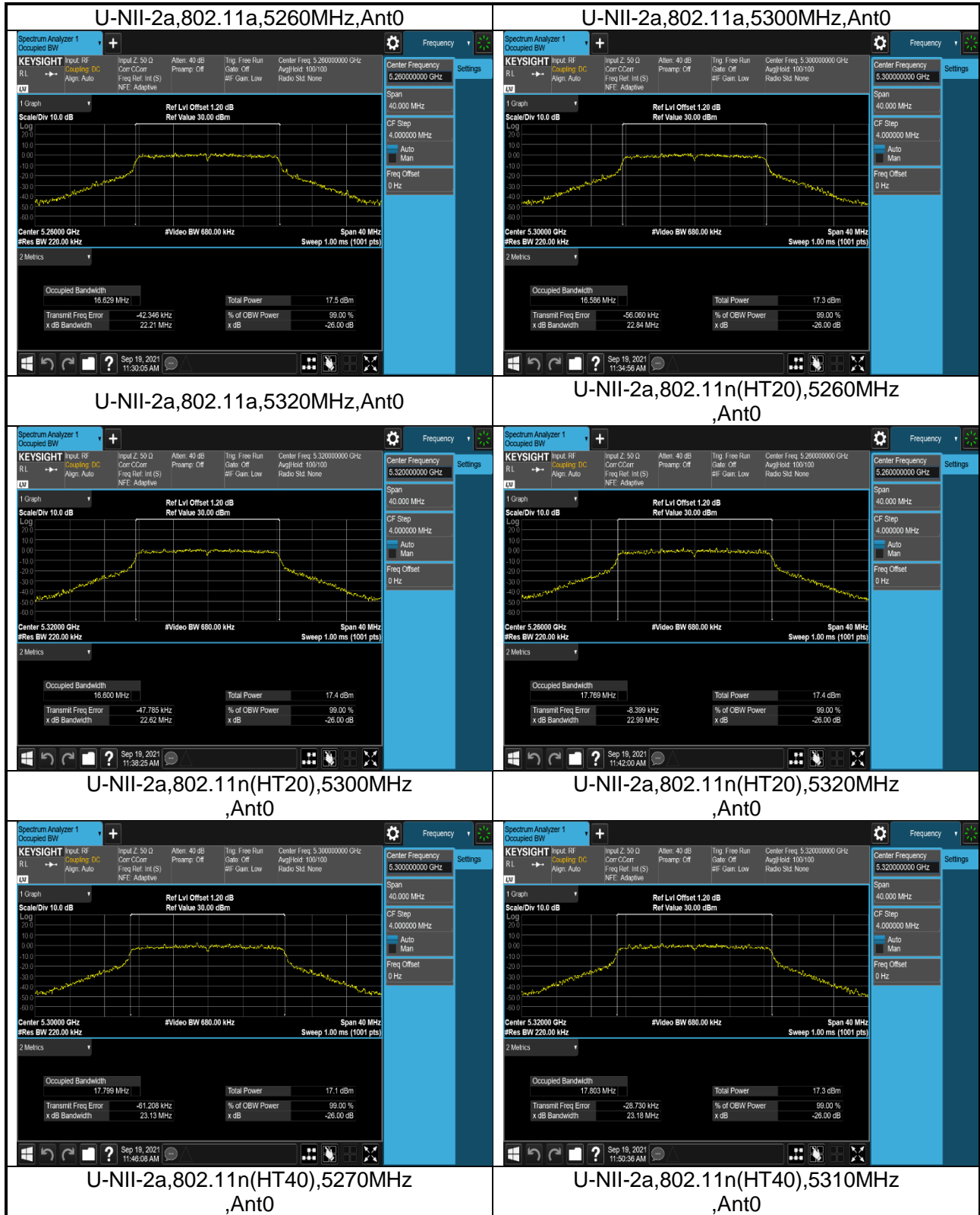


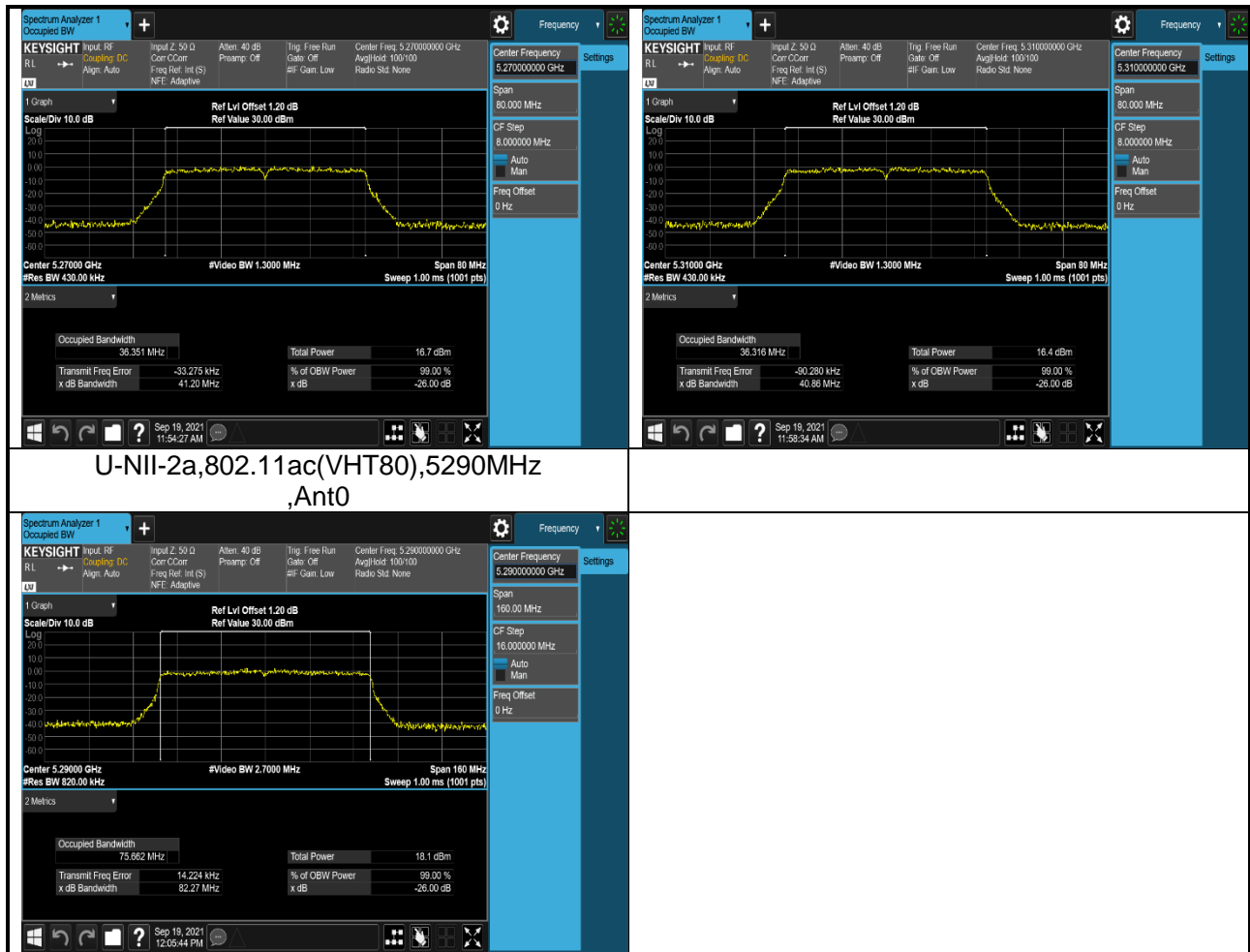
2. 99% Occupied Bandwidth

2.1 Test Data

U-NII-2a 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11a	5260	Ant0	16.629	Pass
802.11a	5300	Ant0	16.586	Pass
802.11a	5320	Ant0	16.600	Pass
802.11n (HT20)	5260	Ant0	17.769	Pass
802.11n (HT20)	5300	Ant0	17.799	Pass
802.11n (HT20)	5320	Ant0	17.803	Pass
802.11n (HT40)	5270	Ant0	36.351	Pass
802.11n (HT40)	5310	Ant0	36.316	Pass
802.11ac (VHT80)	5290	Ant0	75.662	Pass

2.2 Test Plots



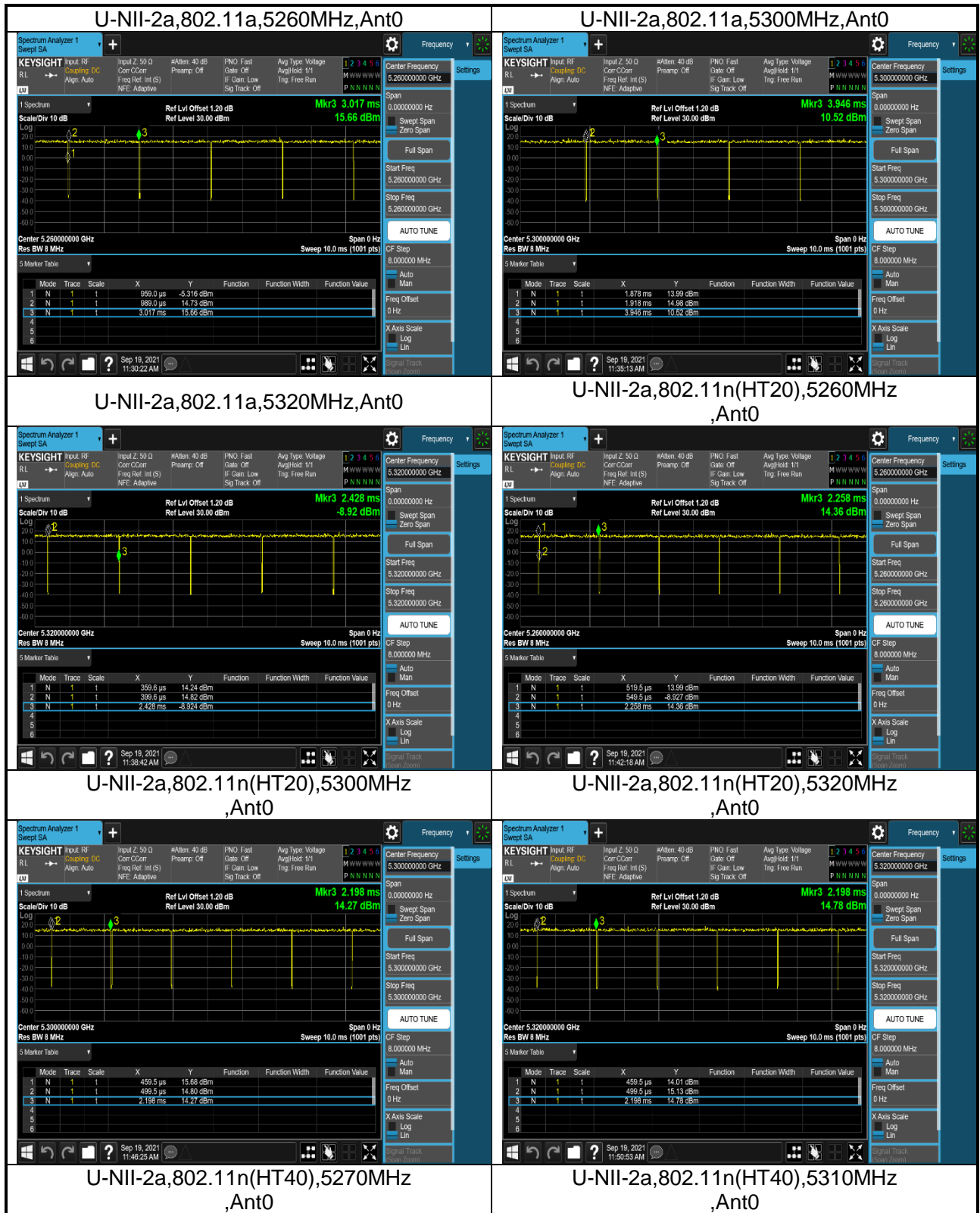


### 3. Duty Cycle

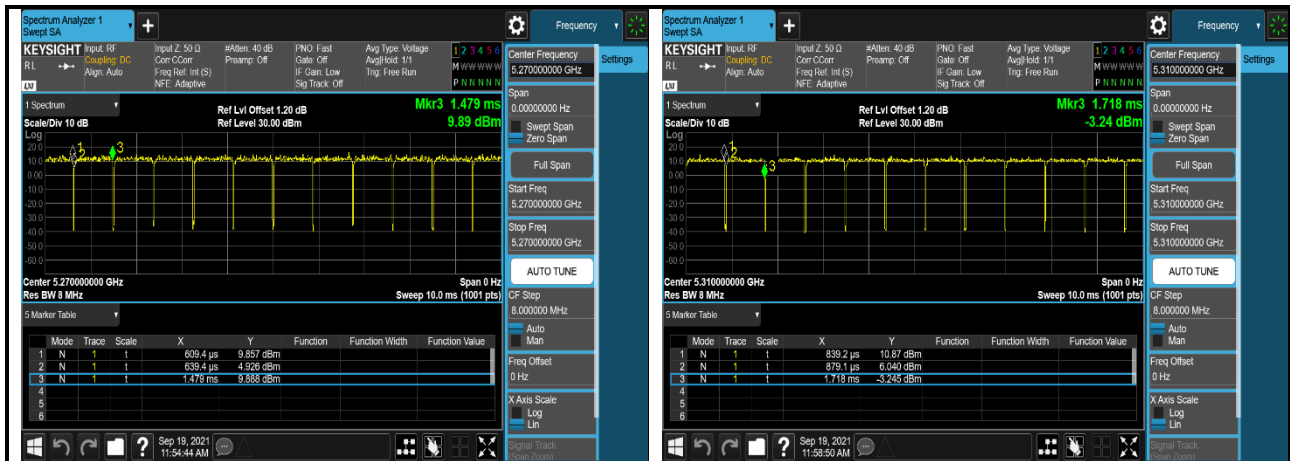
#### 3.1 Test Data

U-NII-2a Duty Cycle				
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	Duty Cycle Factor (dB)
802.11a	5260	Ant0	98.54	0.00
802.11a	5300	Ant0	98.07	0.00
802.11a	5320	Ant0	98.07	0.00
802.11n (HT20)	5260	Ant0	98.28	0.00
802.11n (HT20)	5300	Ant0	97.70	0.10
802.11n (HT20)	5320	Ant0	97.70	0.10
802.11n (HT40)	5270	Ant0	96.55	0.15
802.11n (HT40)	5310	Ant0	95.45	0.20
802.11ac (VHT80)	5290	Ant0	92.22	0.35

#### 3.2 Test Plots







U-NII-2a,802.11ac(VHT80),5290MHz  
,Ant0

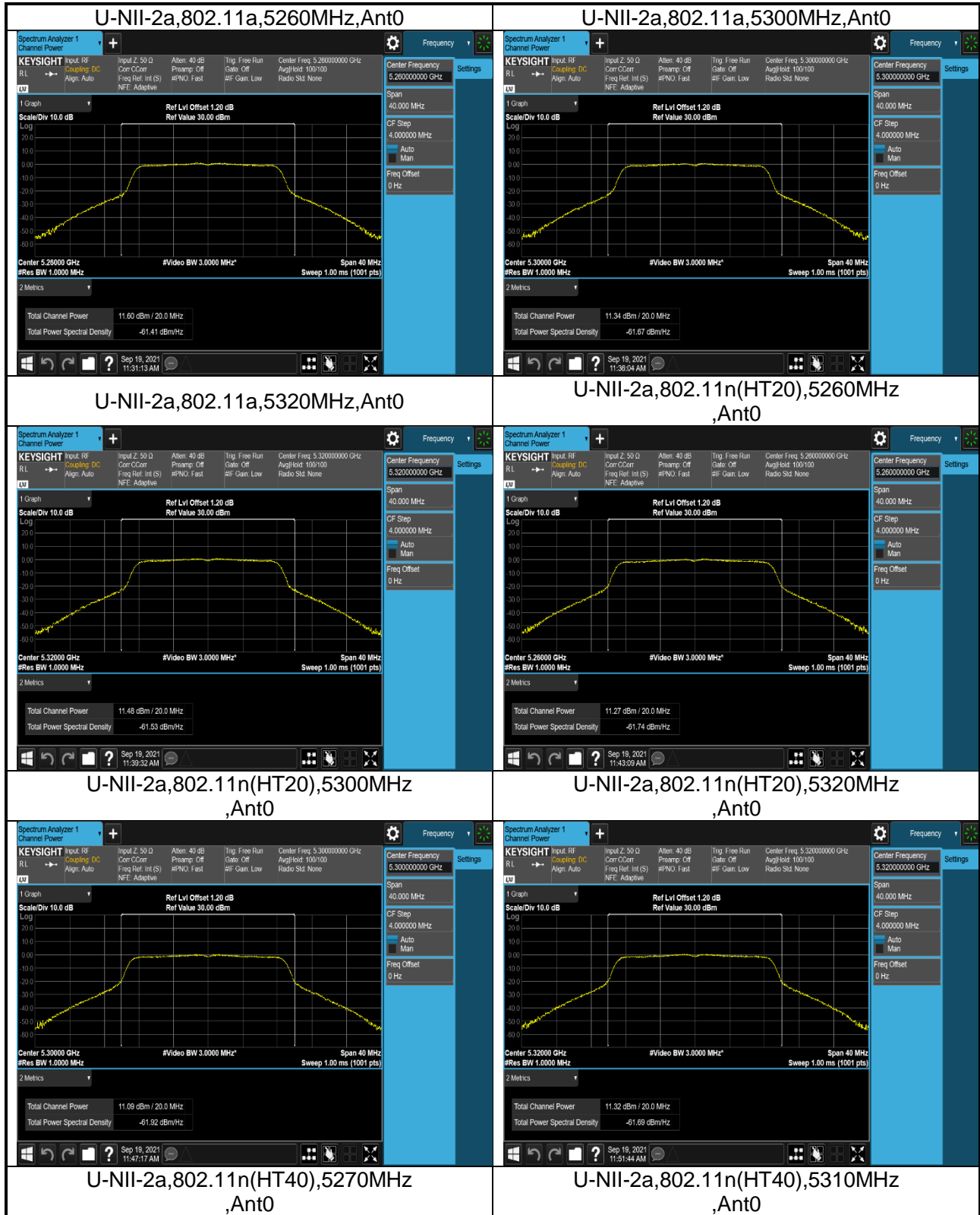


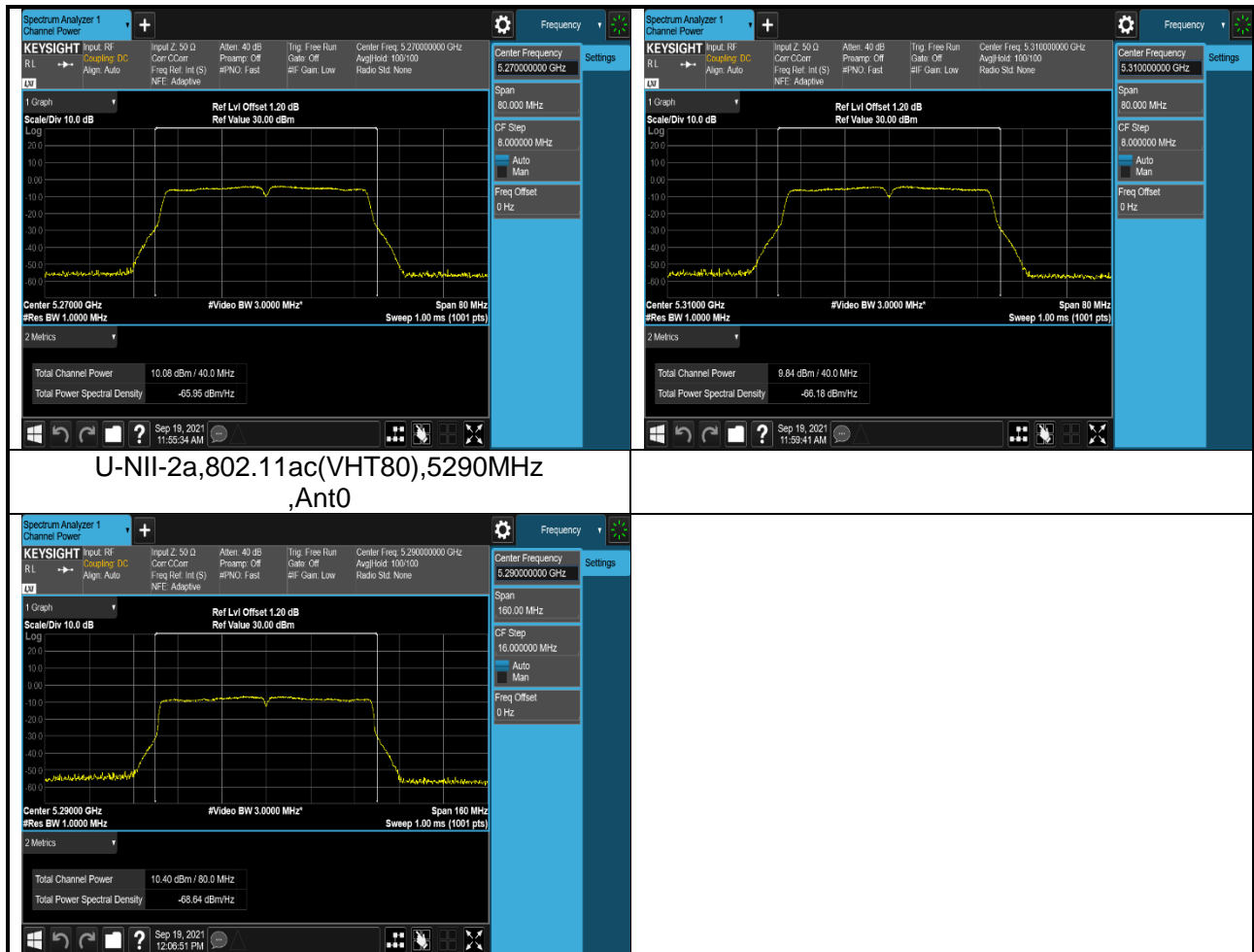
#### 4. AVGSA Output Power

##### 4.1 Test Data

U-NII-2a AVGSA Output Power							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	EIRP (dBm)	Result
802.11a	5260	Ant0	0.00	11.60	24	13.60	Pass
802.11a	5300	Ant0	0.00	11.34	24	13.34	Pass
802.11a	5320	Ant0	0.00	11.48	24	13.48	Pass
802.11n (HT20)	5260	Ant0	0.00	11.27	24	13.27	Pass
802.11n (HT20)	5300	Ant0	0.10	11.19	24	13.19	Pass
802.11n (HT20)	5320	Ant0	0.10	11.42	24	13.42	Pass
802.11n (HT40)	5270	Ant0	0.15	10.23	24	12.23	Pass
802.11n (HT40)	5310	Ant0	0.20	10.04	24	12.04	Pass
802.11ac (VHT80)	5290	Ant0	0.35	10.75	24	12.75	Pass

##### 4.2 Test Plots





5. AVGSA Power Spectral Density

5.1 Test Data

U-NII-2a AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11a	5260	Ant0	0.00	1.065	1000	11	Pass
802.11a	5300	Ant0	0.00	-1.487	1000	11	Pass
802.11a	5320	Ant0	0.00	-1.323	1000	11	Pass
802.11n (HT20)	5260	Ant0	0.00	0.612	1000	11	Pass
802.11n (HT20)	5300	Ant0	0.10	-1.780	1000	11	Pass
802.11n (HT20)	5320	Ant0	0.10	-1.421	1000	11	Pass
802.11n (HT40)	5270	Ant0	0.15	-3.510	1000	11	Pass
802.11n (HT40)	5310	Ant0	0.20	-3.782	1000	11	Pass
802.11ac (VHT80)	5290	Ant0	0.35	-6.125	1000	11	Pass

5.2 Test Plots

