

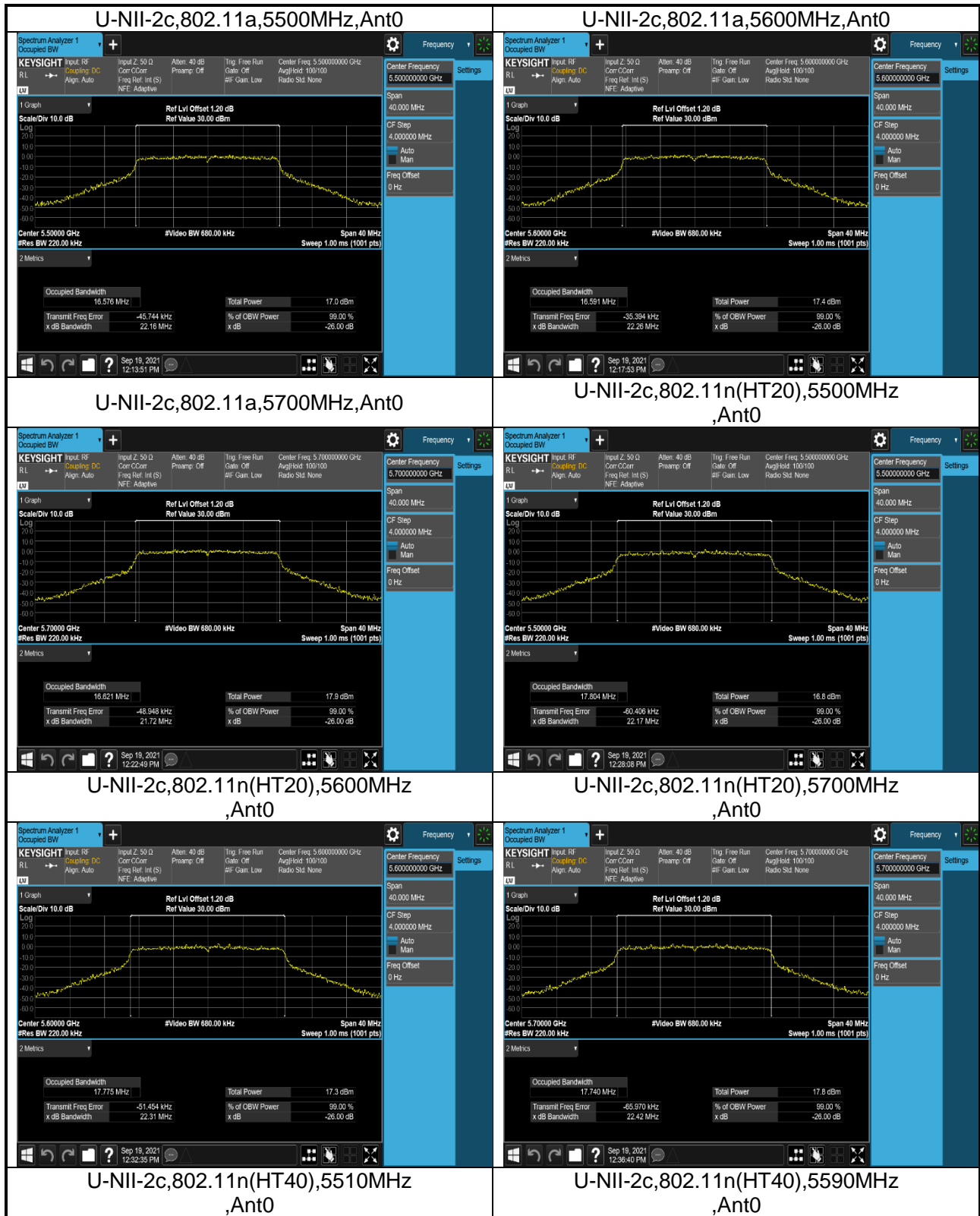
Appendix A: Test results

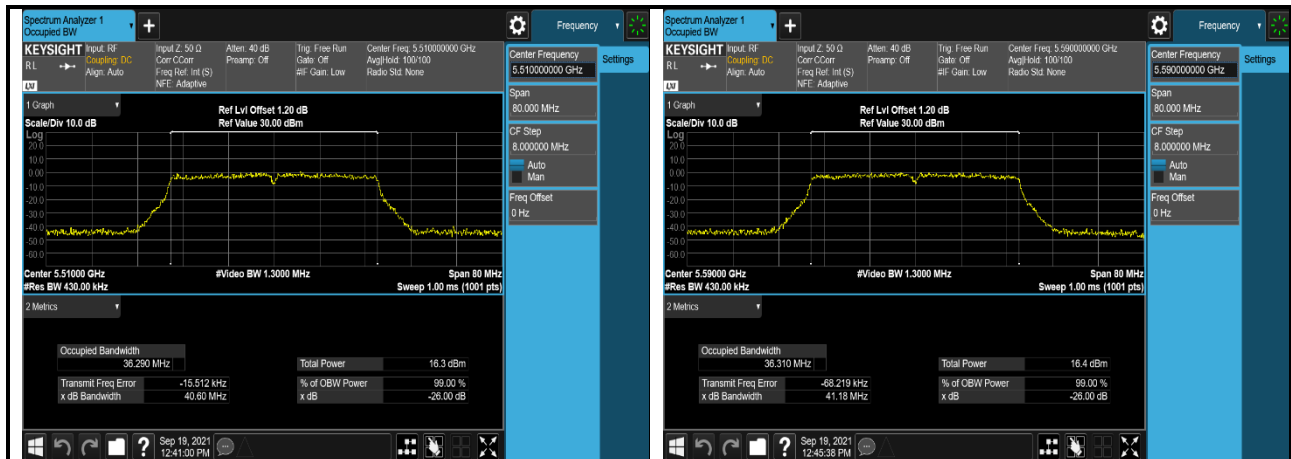
1. Occupied N dB Bandwidth

1.1 Test Data

U-NII-2c Occupied N dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11a	5500	Ant0	22.16	Pass
802.11a	5600	Ant0	22.26	Pass
802.11a	5700	Ant0	21.72	Pass
802.11n (HT20)	5500	Ant0	22.17	Pass
802.11n (HT20)	5600	Ant0	22.31	Pass
802.11n (HT20)	5700	Ant0	22.42	Pass
802.11n (HT40)	5510	Ant0	40.61	Pass
802.11n (HT40)	5590	Ant0	41.18	Pass
802.11n (HT40)	5670	Ant0	41.18	Pass
802.11ac (VHT80)	5530	Ant0	82.97	Pass
802.11ac (VHT80)	5610	Ant0	82.54	Pass

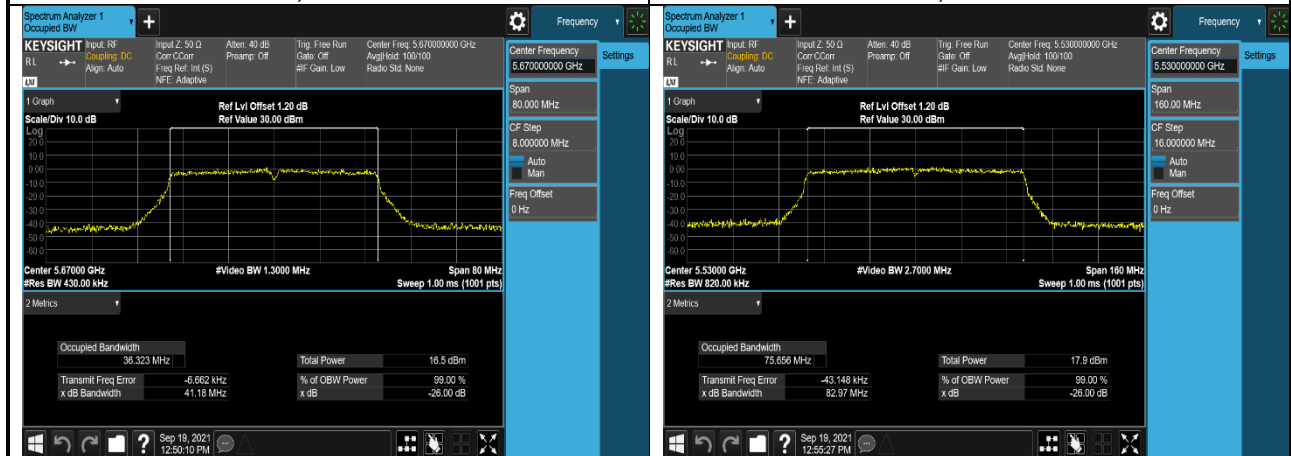
1.2 Test Plots



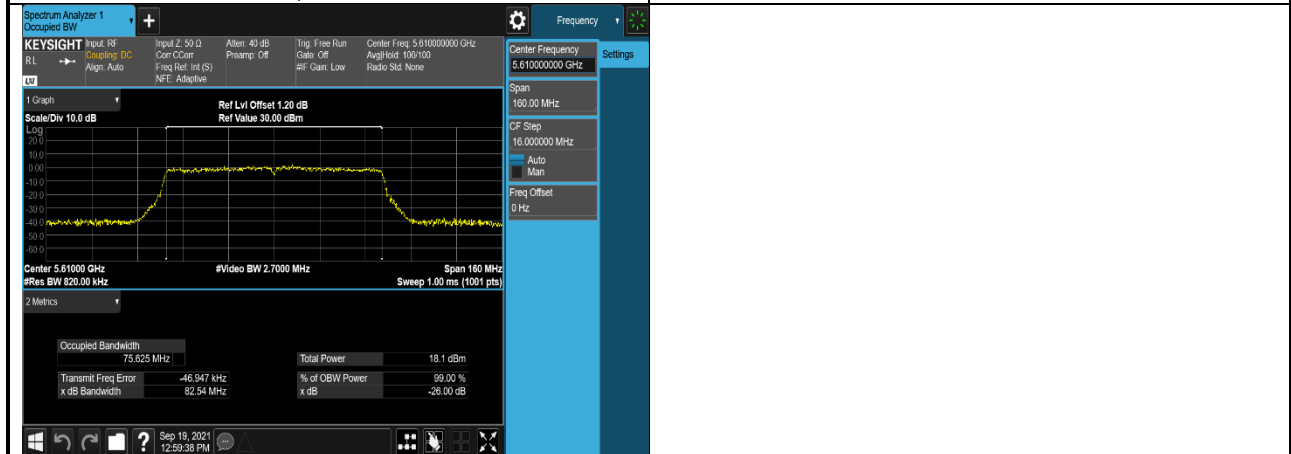


U-NII-2c,802.11n(HT40),5670MHz
,Ant0

U-NII-2c,802.11ac(VHT80),5530MHz
,Ant0



U-NII-2c,802.11ac(VHT80),5610MHz
,Ant0

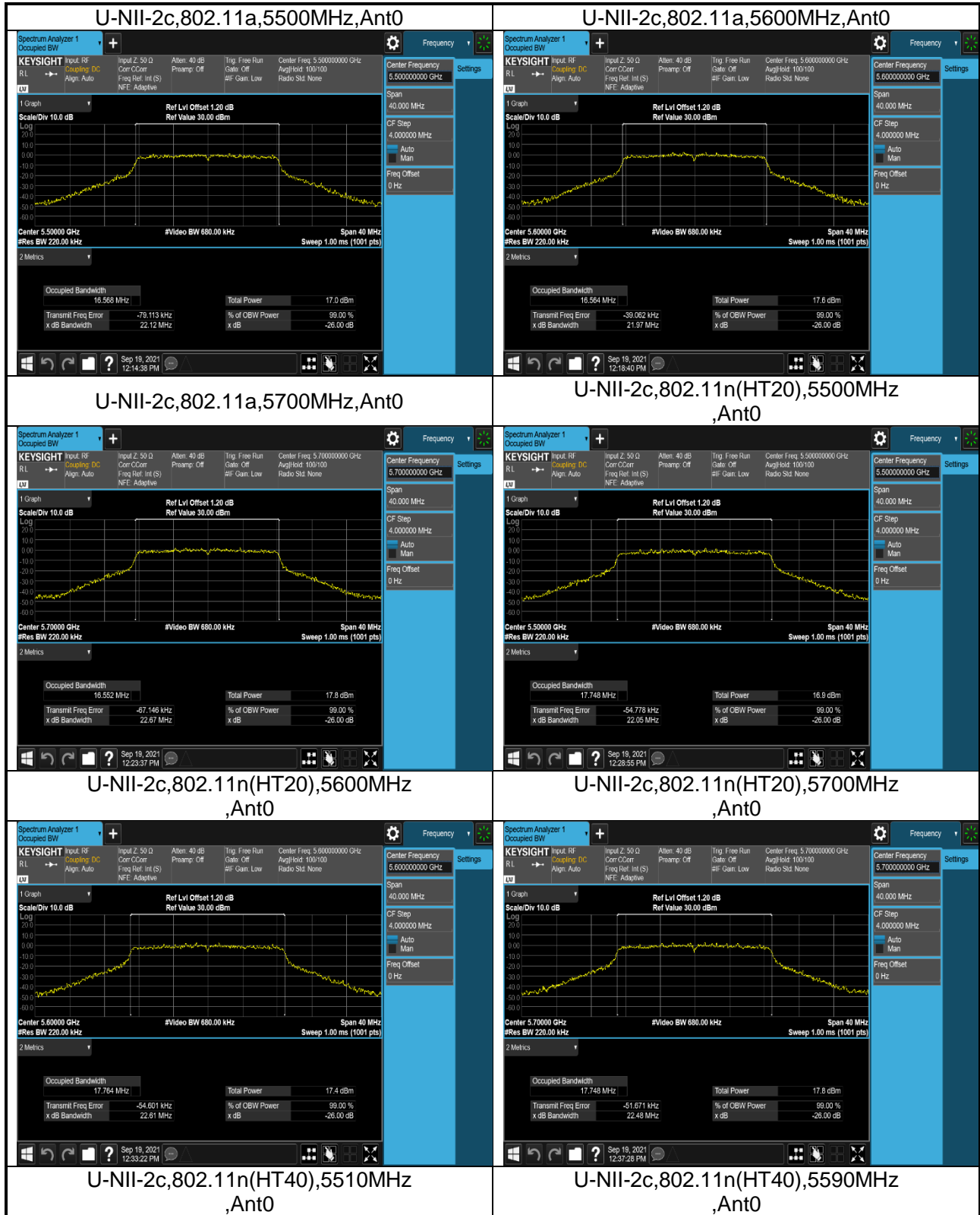


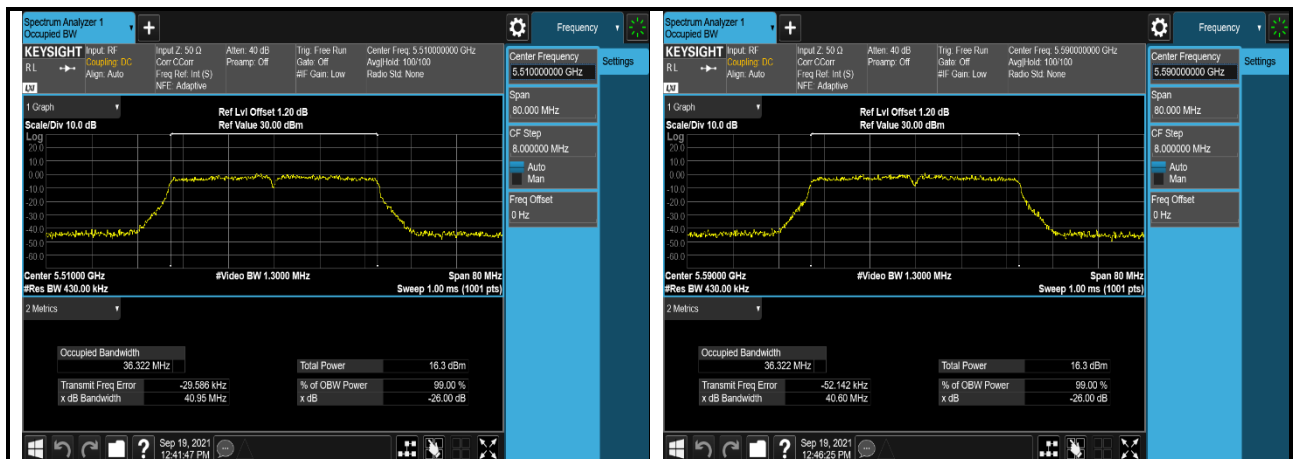
2. 99% Occupied Bandwidth

2.1 Test Data

U-NII-2c 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11a	5500	Ant0	16.568	Pass
802.11a	5600	Ant0	16.564	Pass
802.11a	5700	Ant0	16.552	Pass
802.11n (HT20)	5500	Ant0	17.748	Pass
802.11n (HT20)	5600	Ant0	17.764	Pass
802.11n (HT20)	5700	Ant0	17.748	Pass
802.11n (HT40)	5510	Ant0	36.322	Pass
802.11n (HT40)	5590	Ant0	36.322	Pass
802.11n (HT40)	5670	Ant0	36.240	Pass
802.11ac (VHT80)	5530	Ant0	75.701	Pass
802.11ac (VHT80)	5610	Ant0	75.735	Pass

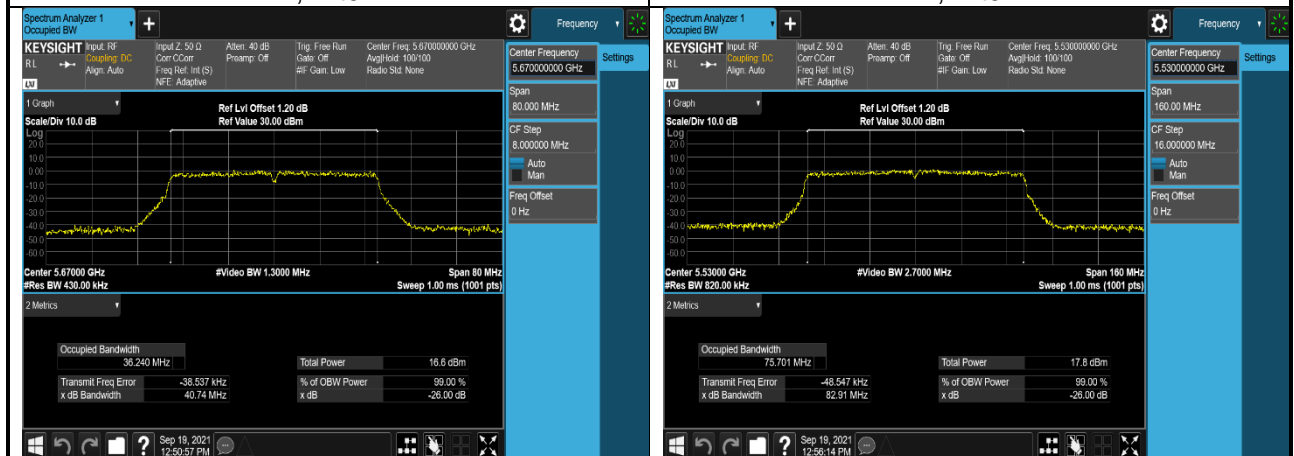
2.2 Test Plots



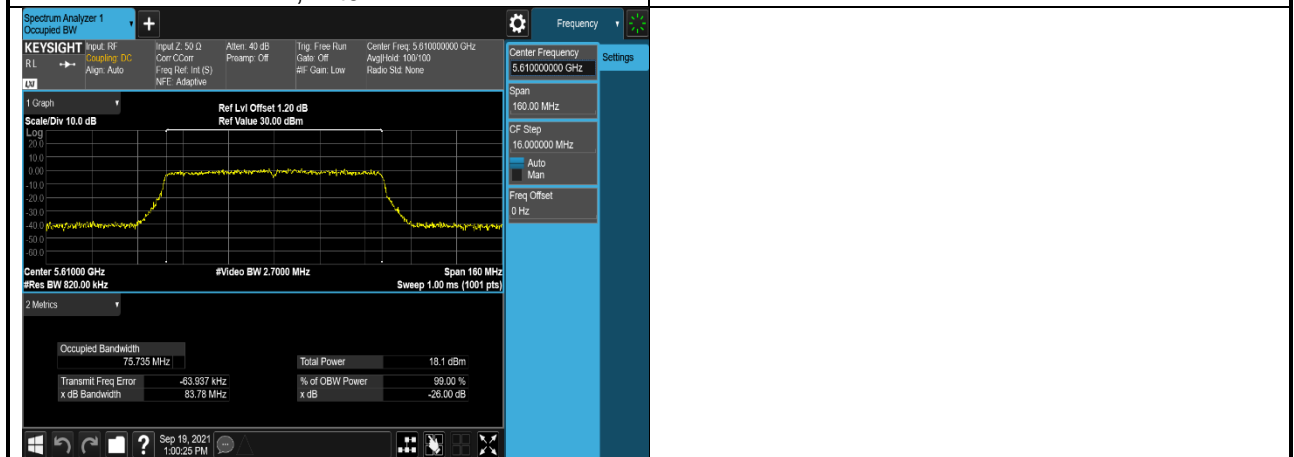


U-NII-2c,802.11n(HT40),5670MHz
,Ant0

U-NII-2c,802.11ac(VHT80),5530MHz
,Ant0



U-NII-2c,802.11ac(VHT80),5610MHz
,Ant0

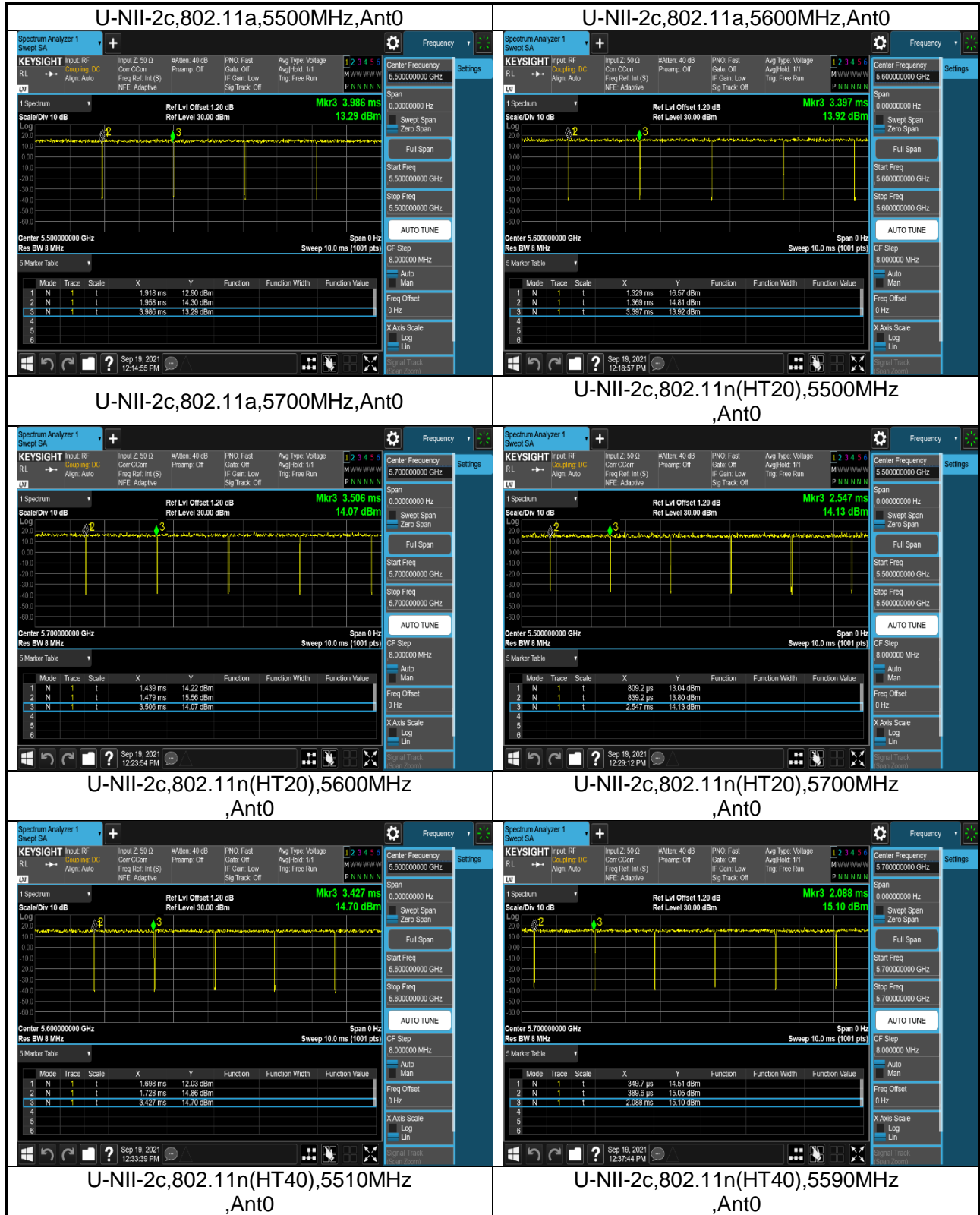


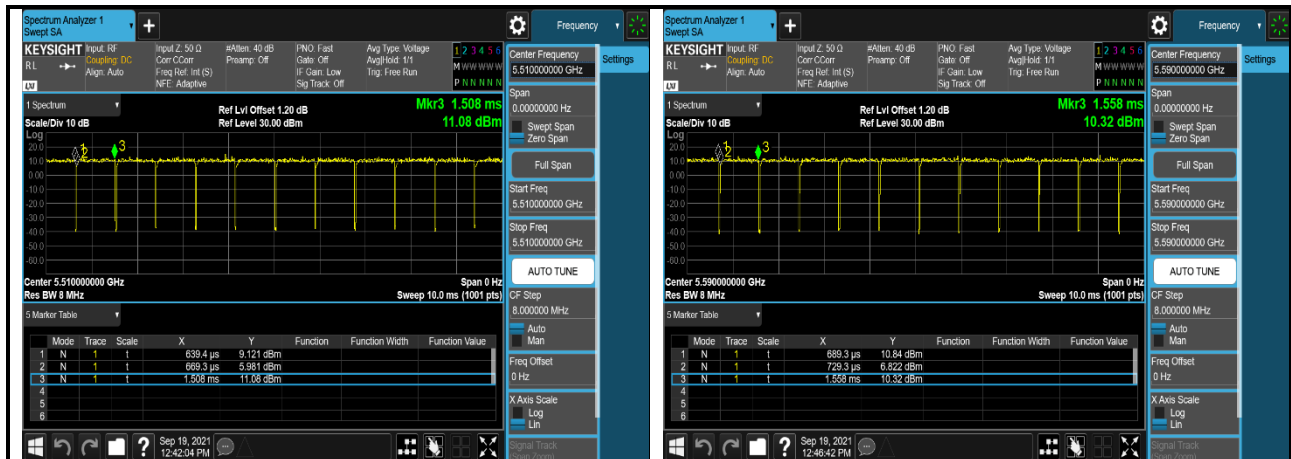
3. Duty Cycle

3.1 Test Data

U-NII-2c Duty Cycle				
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	Duty Cycle Factor (dB)
802.11a	5500	Ant0	98.07	0.00
802.11a	5600	Ant0	98.07	0.00
802.11a	5700	Ant0	98.07	0.00
802.11n (HT20)	5500	Ant0	98.28	0.00
802.11n (HT20)	5600	Ant0	98.27	0.00
802.11n (HT20)	5700	Ant0	97.70	0.10
802.11n (HT40)	5510	Ant0	96.55	0.15
802.11n (HT40)	5590	Ant0	95.40	0.20
802.11n (HT40)	5670	Ant0	95.45	0.20
802.11ac (VHT80)	5530	Ant0	92.22	0.35
802.11ac (VHT80)	5610	Ant0	92.22	0.35

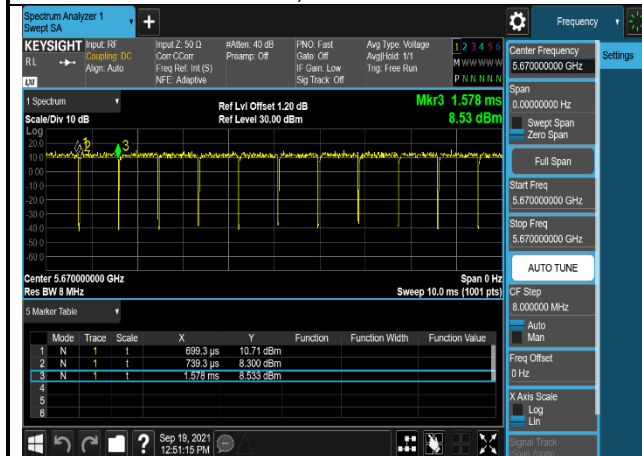
3.2 Test Plots



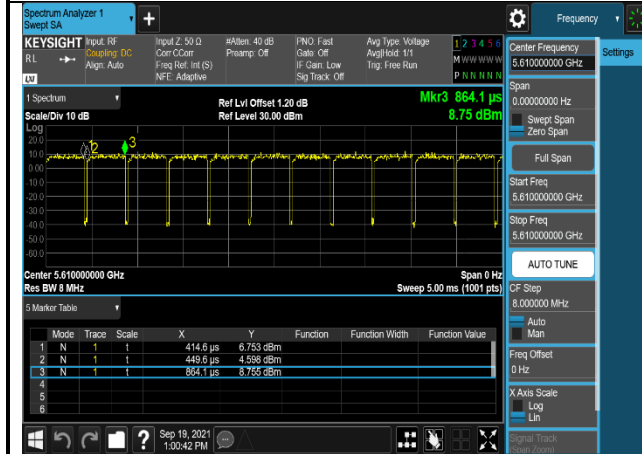
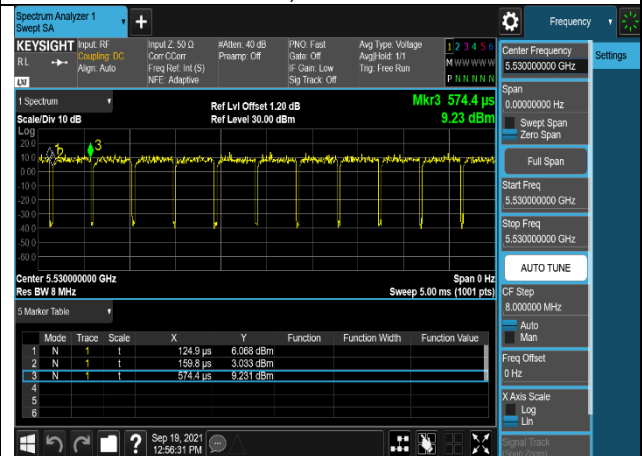


U-NII-2c,802.11n(HT40),5670MHz
,Ant0

U-NII-2c,802.11ac(VHT80),5530MHz
,Ant0



U-NII-2c,802.11ac(VHT80),5610MHz
,Ant0

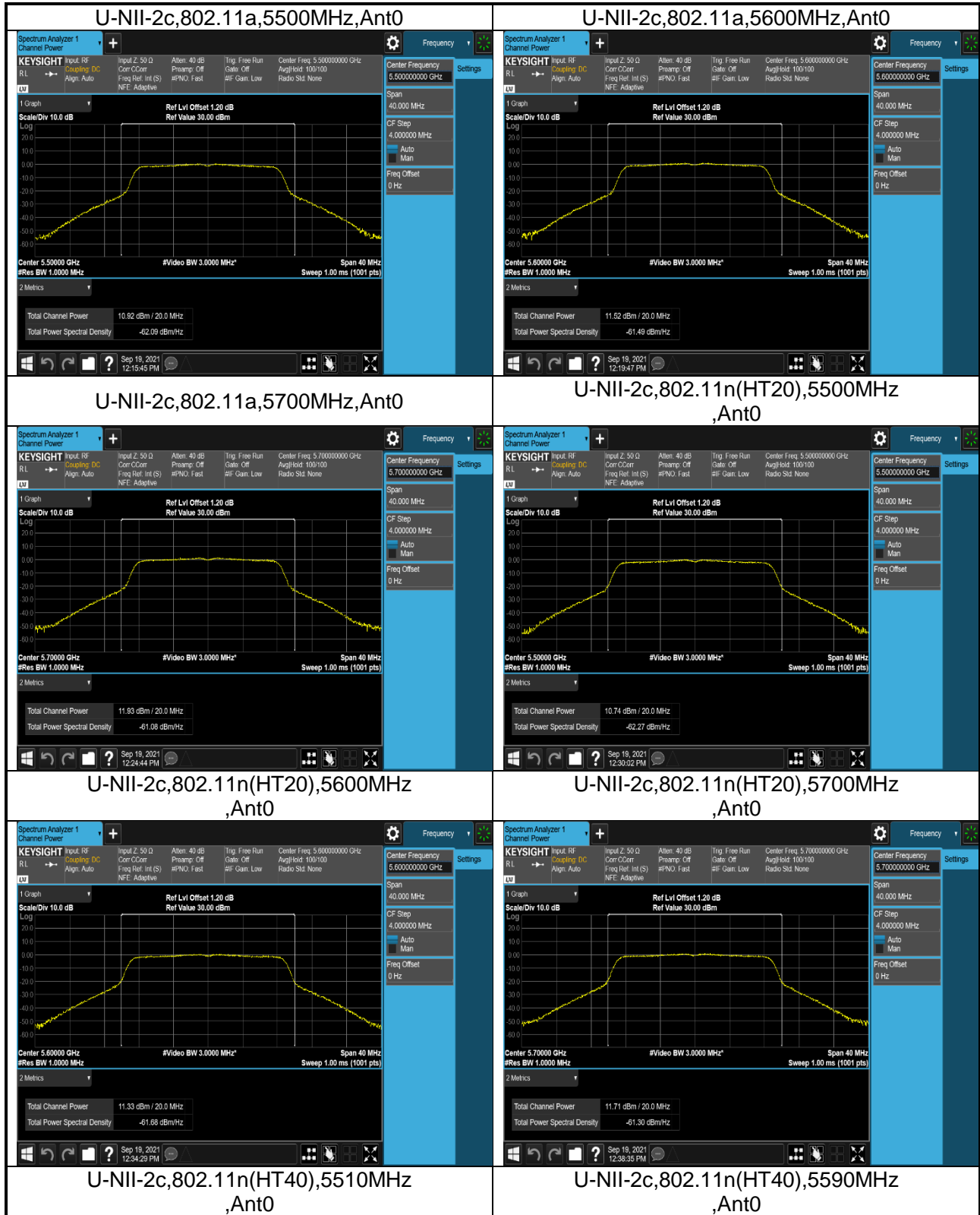


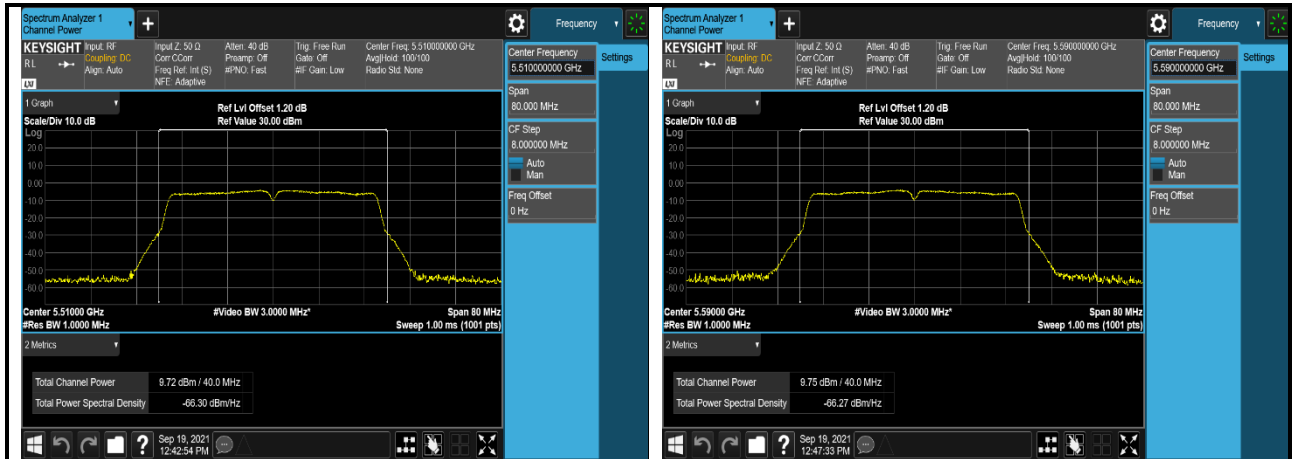
4. AVGSA Output Power

4.1 Test Data

U-NII-2c AVGSA Output Power							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	EIRP (dBm)	Result
802.11a	5500	Ant0	0.00	10.92	24	12.92	Pass
802.11a	5600	Ant0	0.00	11.52	24	13.52	Pass
802.11a	5700	Ant0	0.00	11.93	24	13.93	Pass
802.11n (HT20)	5500	Ant0	0.00	10.74	24	12.74	Pass
802.11n (HT20)	5600	Ant0	0.00	11.33	24	13.33	Pass
802.11n (HT20)	5700	Ant0	0.10	11.81	24	13.81	Pass
802.11n (HT40)	5510	Ant0	0.15	9.87	24	11.87	Pass
802.11n (HT40)	5590	Ant0	0.20	9.95	24	11.95	Pass
802.11n (HT40)	5670	Ant0	0.20	10.18	24	12.18	Pass
802.11ac (VHT80)	5530	Ant0	0.35	10.47	24	12.47	Pass
802.11ac (VHT80)	5610	Ant0	0.35	10.82	24	12.82	Pass

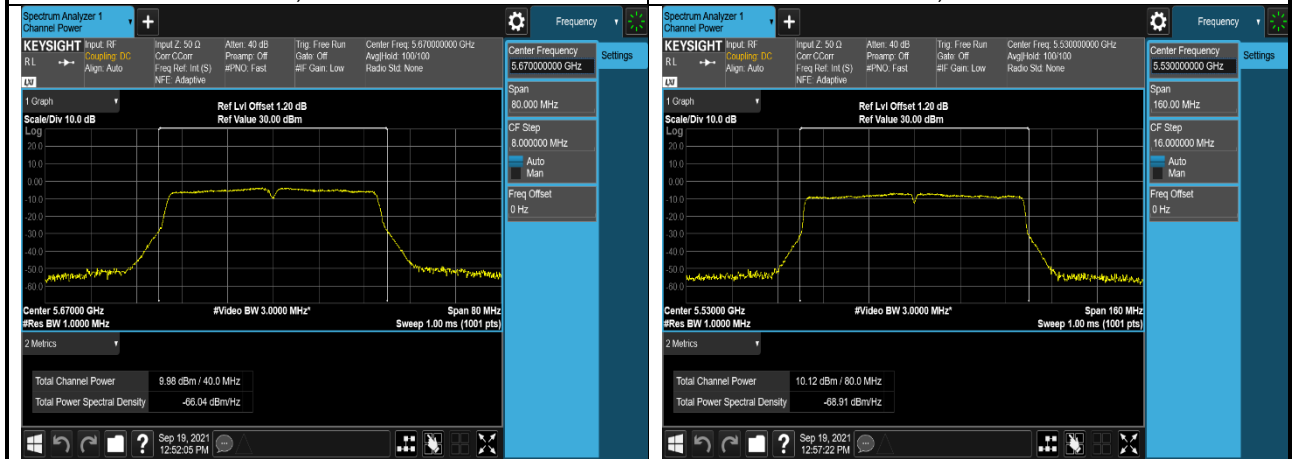
4.2 Test Plots



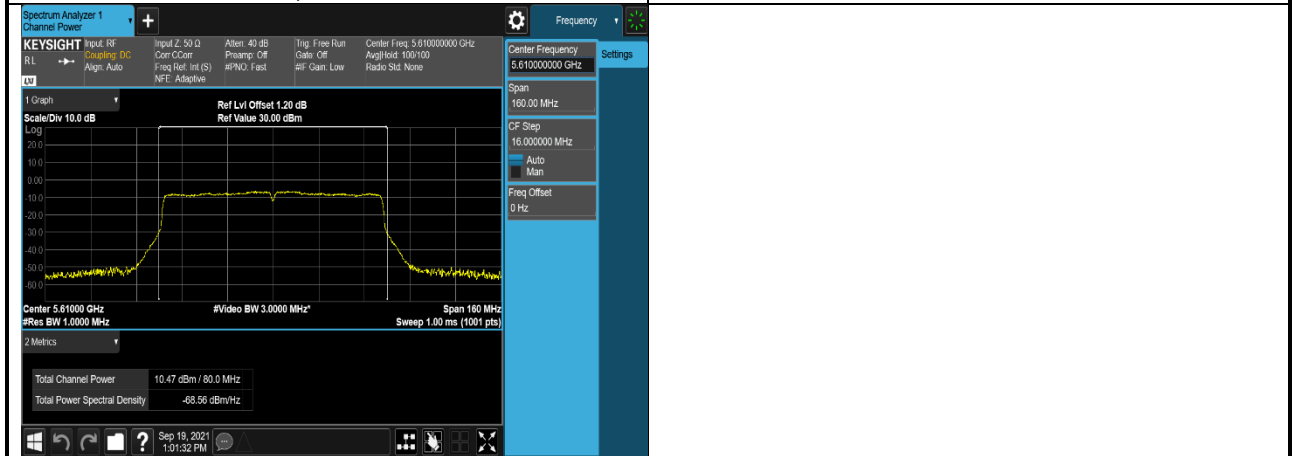


U-NII-2c,802.11n(HT40),5670MHz
,Ant0

U-NII-2c,802.11ac(VHT80),5530MHz
,Ant0



U-NII-2c,802.11ac(VHT80),5610MHz
,Ant0

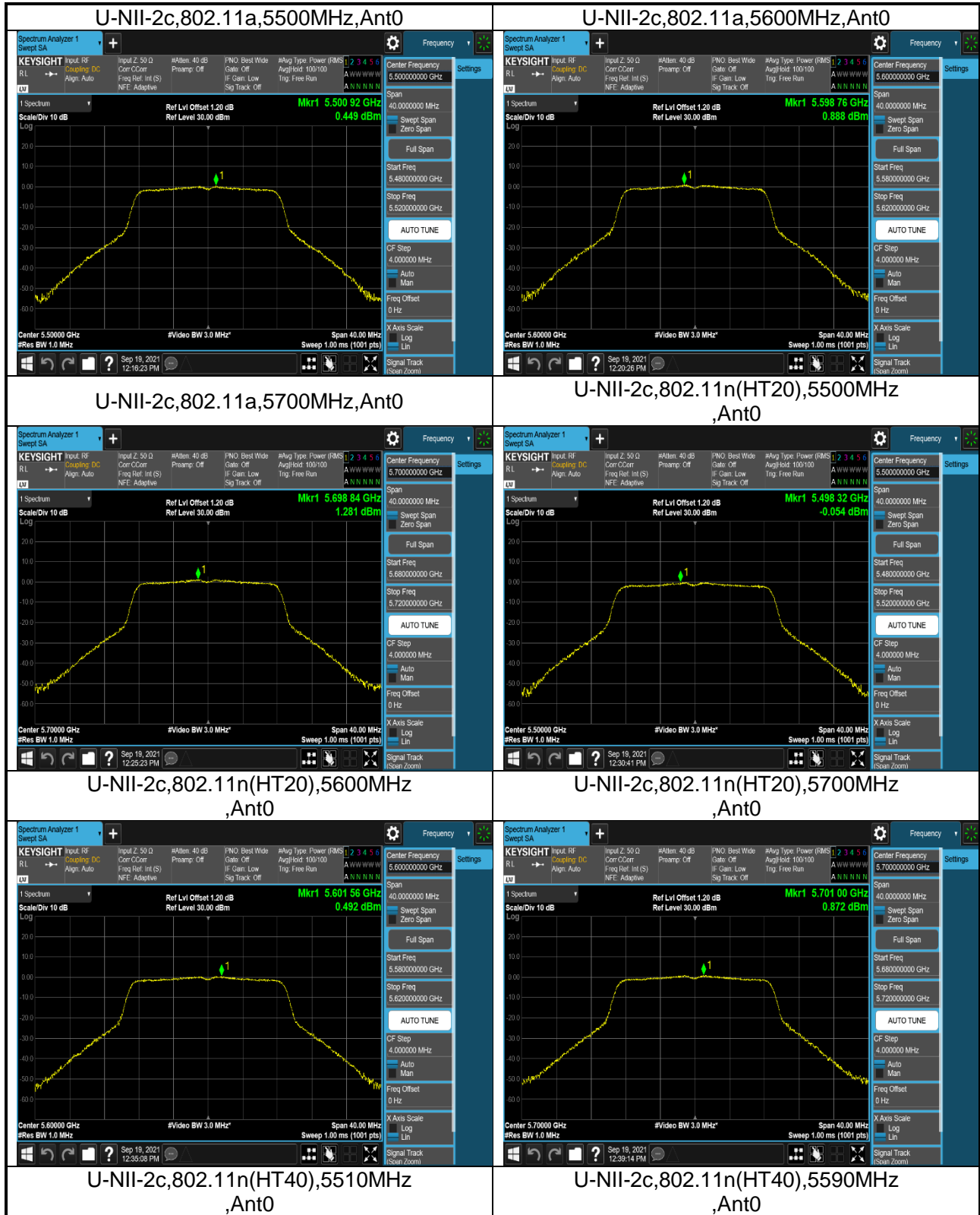


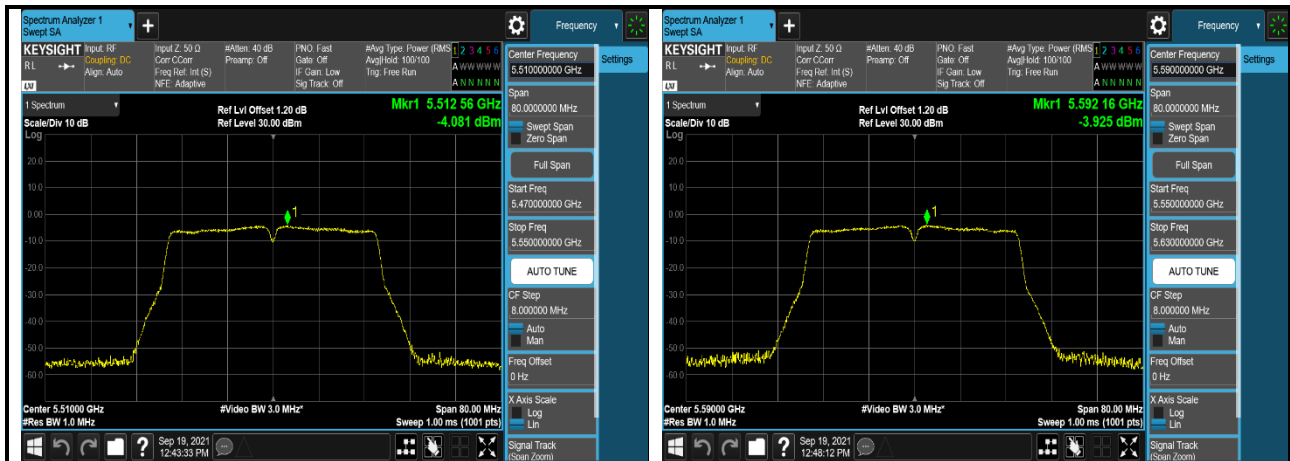
5. AVGSA Power Spectral Density

5.1 Test Data

U-NII-2c AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11a	5500	Ant0	0.00	0.449	1000	11	Pass
802.11a	5600	Ant0	0.00	0.888	1000	11	Pass
802.11a	5700	Ant0	0.00	1.281	1000	11	Pass
802.11n (HT20)	5500	Ant0	0.00	-0.054	1000	11	Pass
802.11n (HT20)	5600	Ant0	0.00	0.492	1000	11	Pass
802.11n (HT20)	5700	Ant0	0.10	0.972	1000	11	Pass
802.11n (HT40)	5510	Ant0	0.15	-3.931	1000	11	Pass
802.11n (HT40)	5590	Ant0	0.20	-3.725	1000	11	Pass
802.11n (HT40)	5670	Ant0	0.20	-3.356	1000	11	Pass
802.11ac (VHT80)	5530	Ant0	0.35	-6.074	1000	11	Pass
802.11ac (VHT80)	5610	Ant0	0.35	-6.148	1000	11	Pass

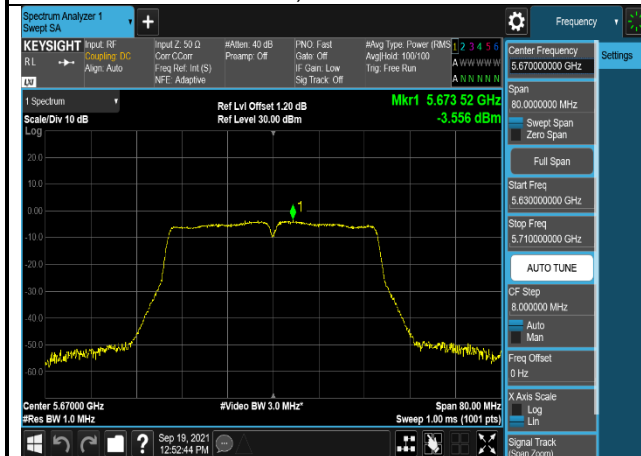
5.2 Test Plots





U-NII-2c,802.11n(HT40),5670MHz
,Ant0

U-NII-2c,802.11ac(VHT80),5530MHz
,Ant0



U-NII-2c,802.11ac(VHT80),5610MHz
,Ant0

