

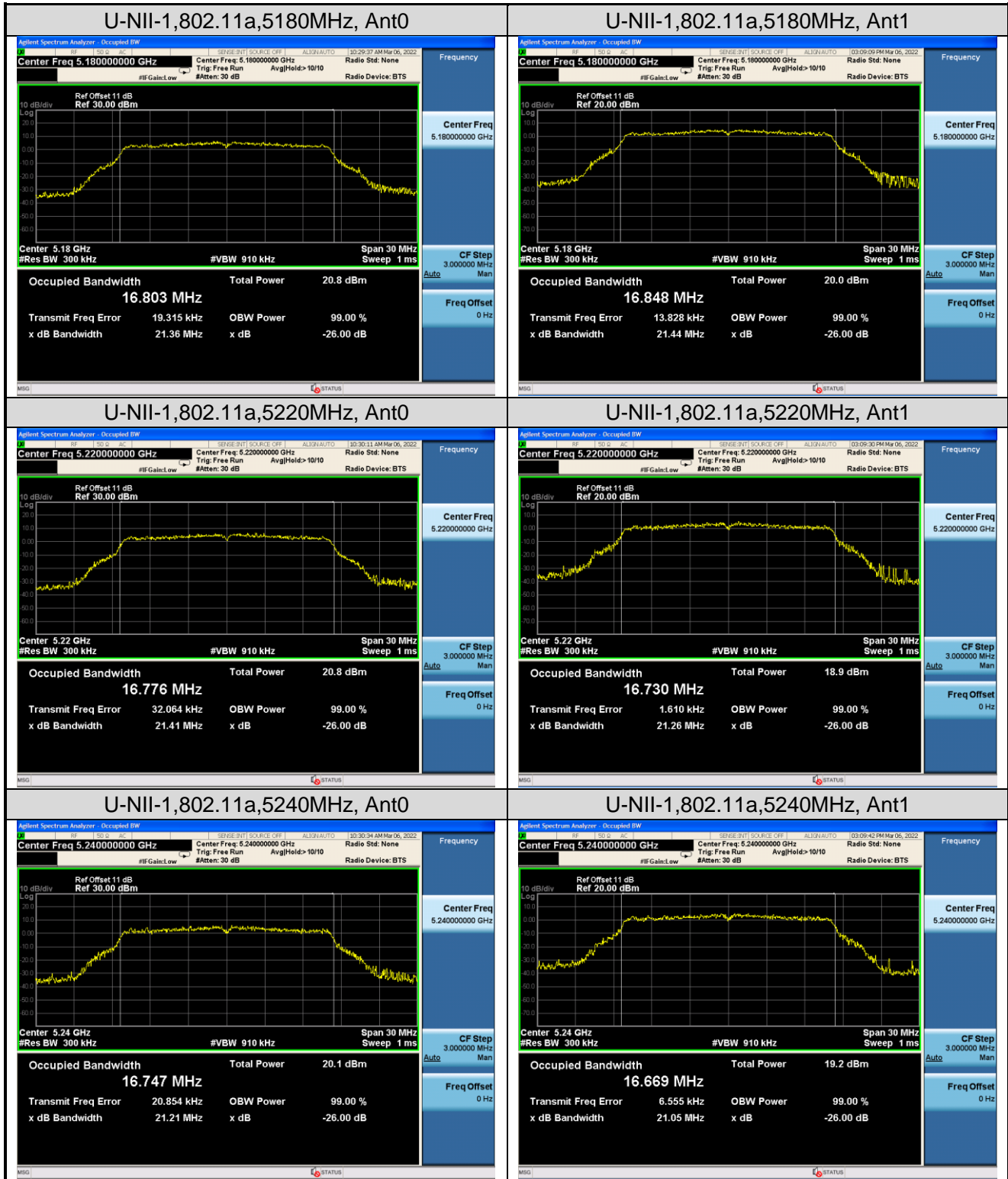
## Appendix A: Test results

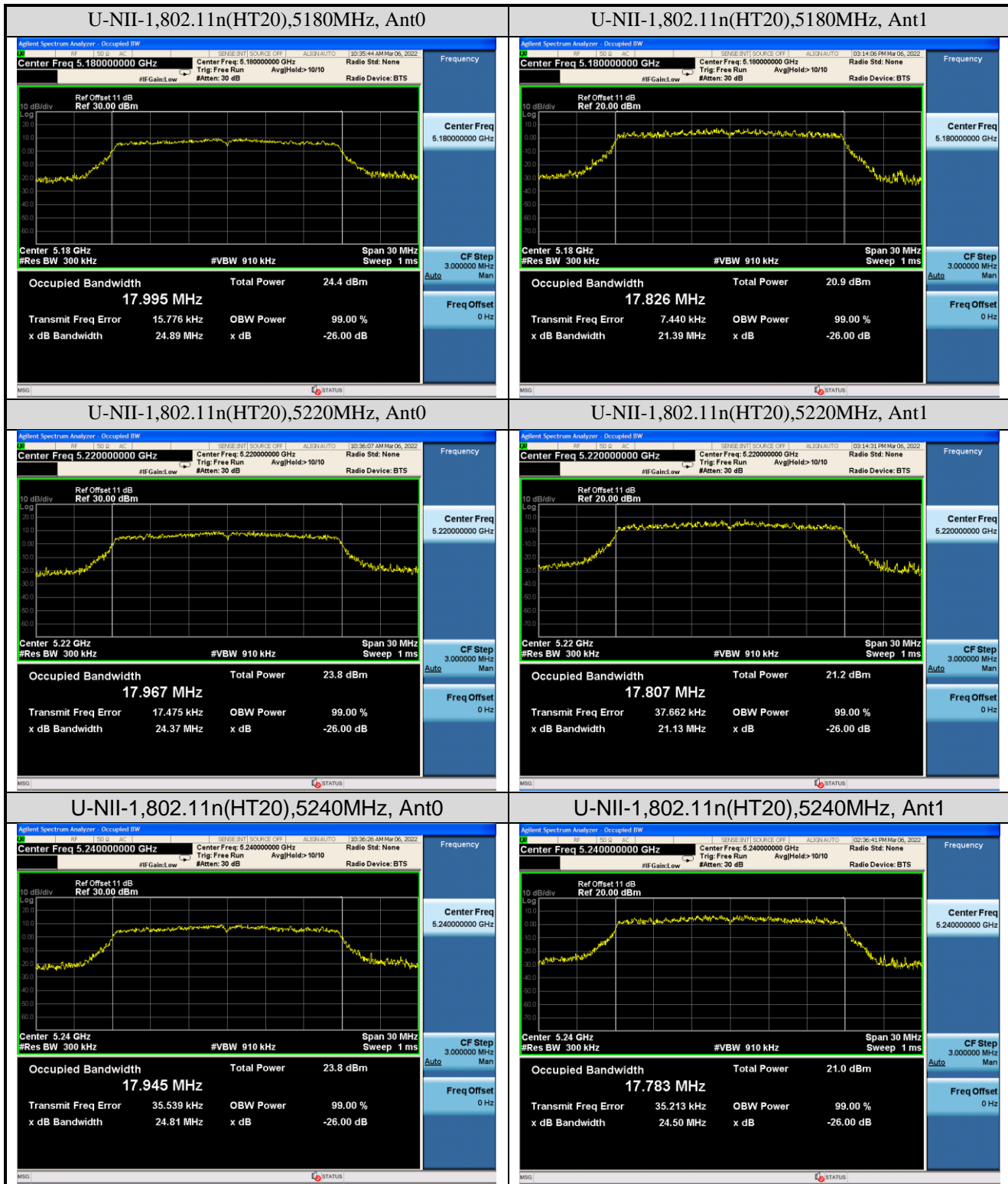
### 1 26 dB Bandwidth & 99% Occupied Bandwidth

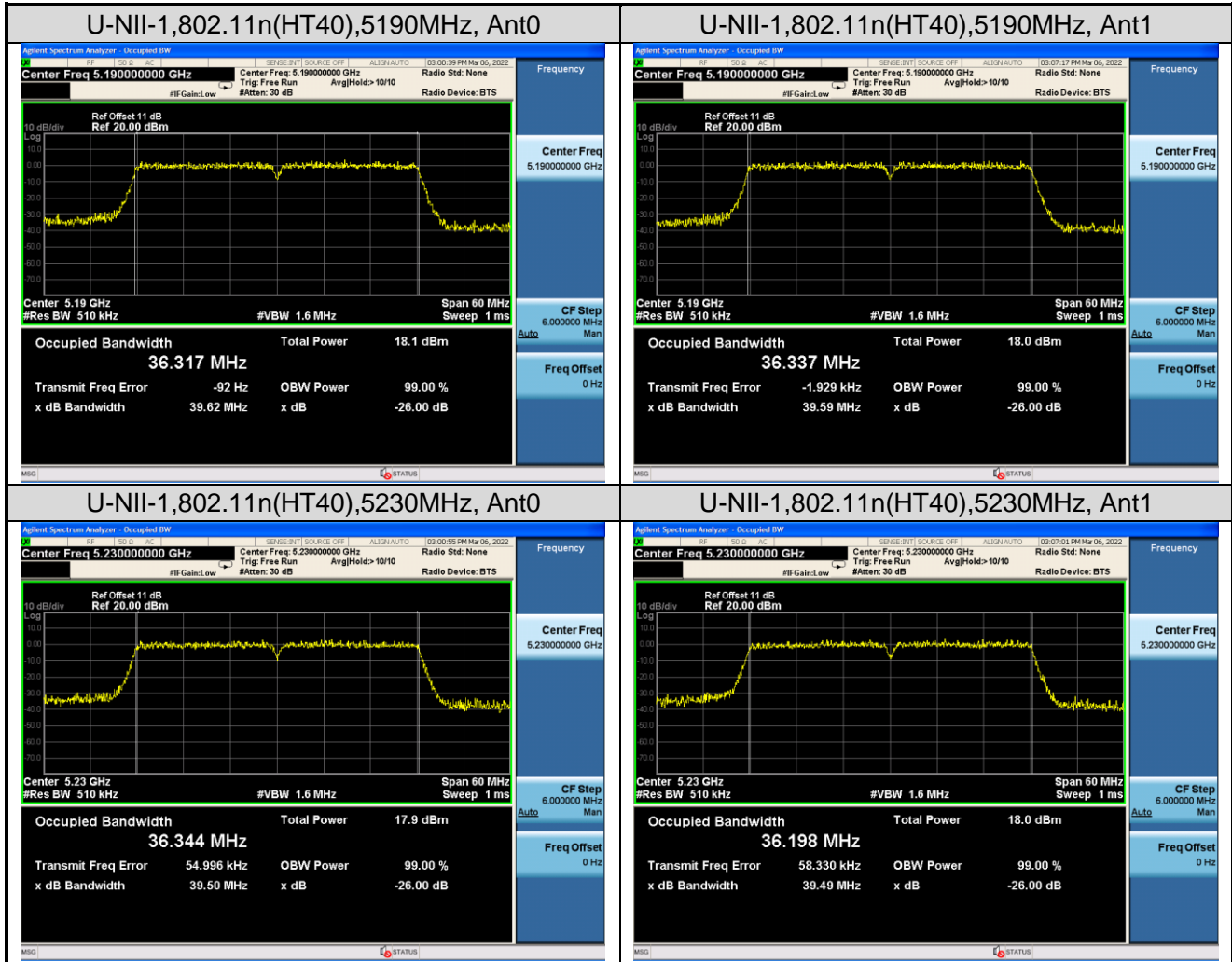
#### 1.1 Test Data

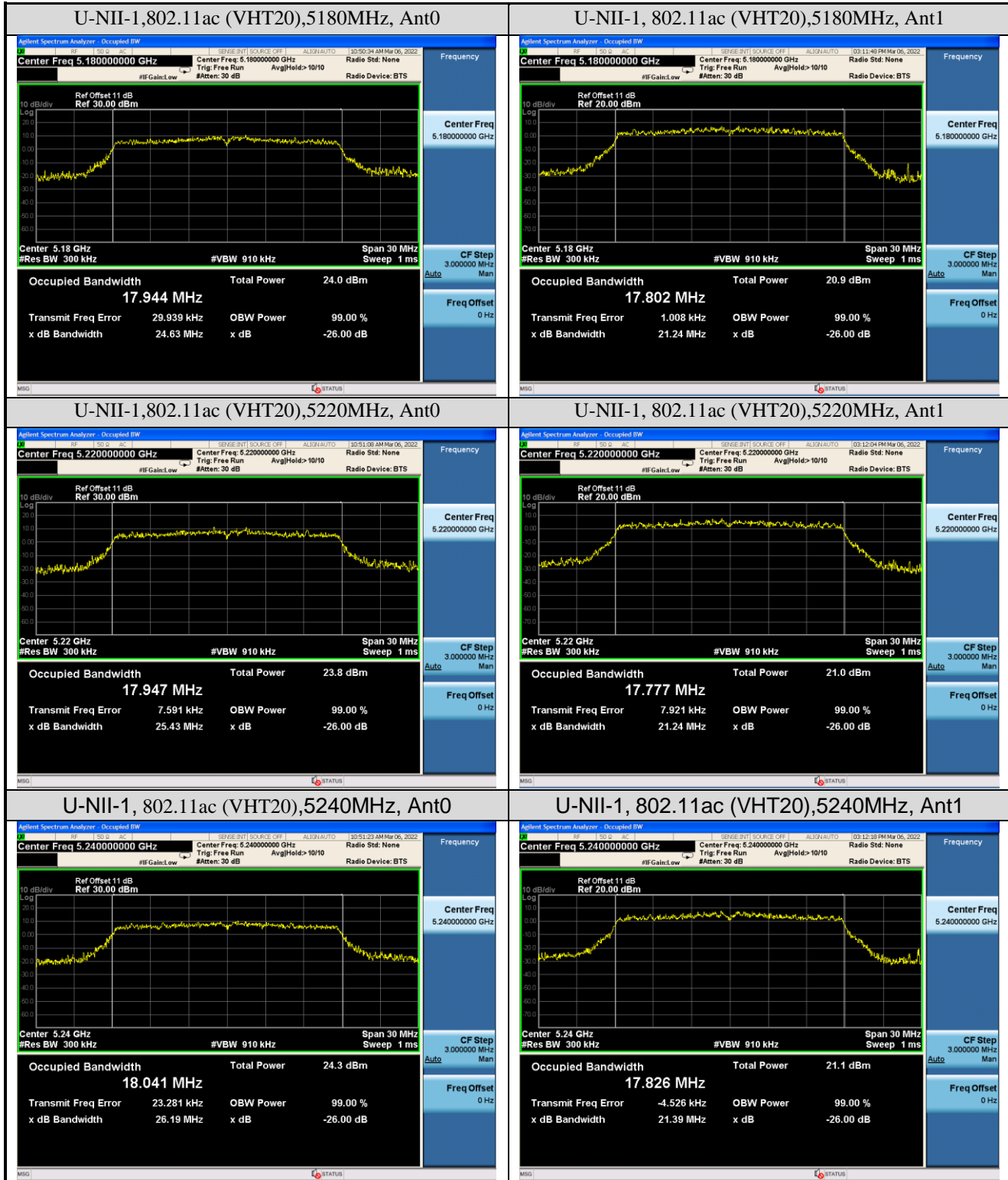
U-NII-1 26 dB Bandwidth & 99% Occupied Bandwidth					
Mode	Test Frequency (MHz)	Ant	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
802.11a	5180	Ant0	21.36	16.803	Pass
		Ant1	21.44	16.848	Pass
	5220	Ant0	21.41	16.776	Pass
		Ant1	21.26	16.730	Pass
	5240	Ant0	21.21	16.747	Pass
		Ant1	21.05	16.669	Pass
802.11n (HT20)	5180	Ant0	24.89	17.995	Pass
		Ant1	21.39	17.826	Pass
	5220	Ant0	24.37	17.967	Pass
		Ant1	21.13	17.807	Pass
	5240	Ant0	24.81	17.945	Pass
		Ant1	24.50	17.783	Pass
802.11n (HT40)	5190	Ant0	39.62	36.317	Pass
		Ant1	39.59	36.337	Pass
	5230	Ant0	39.50	36.344	Pass
		Ant1	39.49	36.198	Pass
802.11ac (VHT20)	5180	Ant0	24.63	17.944	Pass
		Ant1	21.24	17.802	Pass
	5220	Ant0	25.43	17.947	Pass
		Ant1	21.24	17.777	Pass
	5240	Ant0	26.19	18.041	Pass
		Ant1	21.39	17.826	Pass
802.11ac (VHT40)	5190	Ant0	39.55	36.392	Pass
		Ant1	39.46	36.300	Pass
	5230	Ant0	39.55	36.317	Pass
		Ant1	39.40	36.328	Pass
802.11ac (VHT80)	5210	Ant0	81.67	76.088	Pass
		Ant1	81.67	76.073	Pass

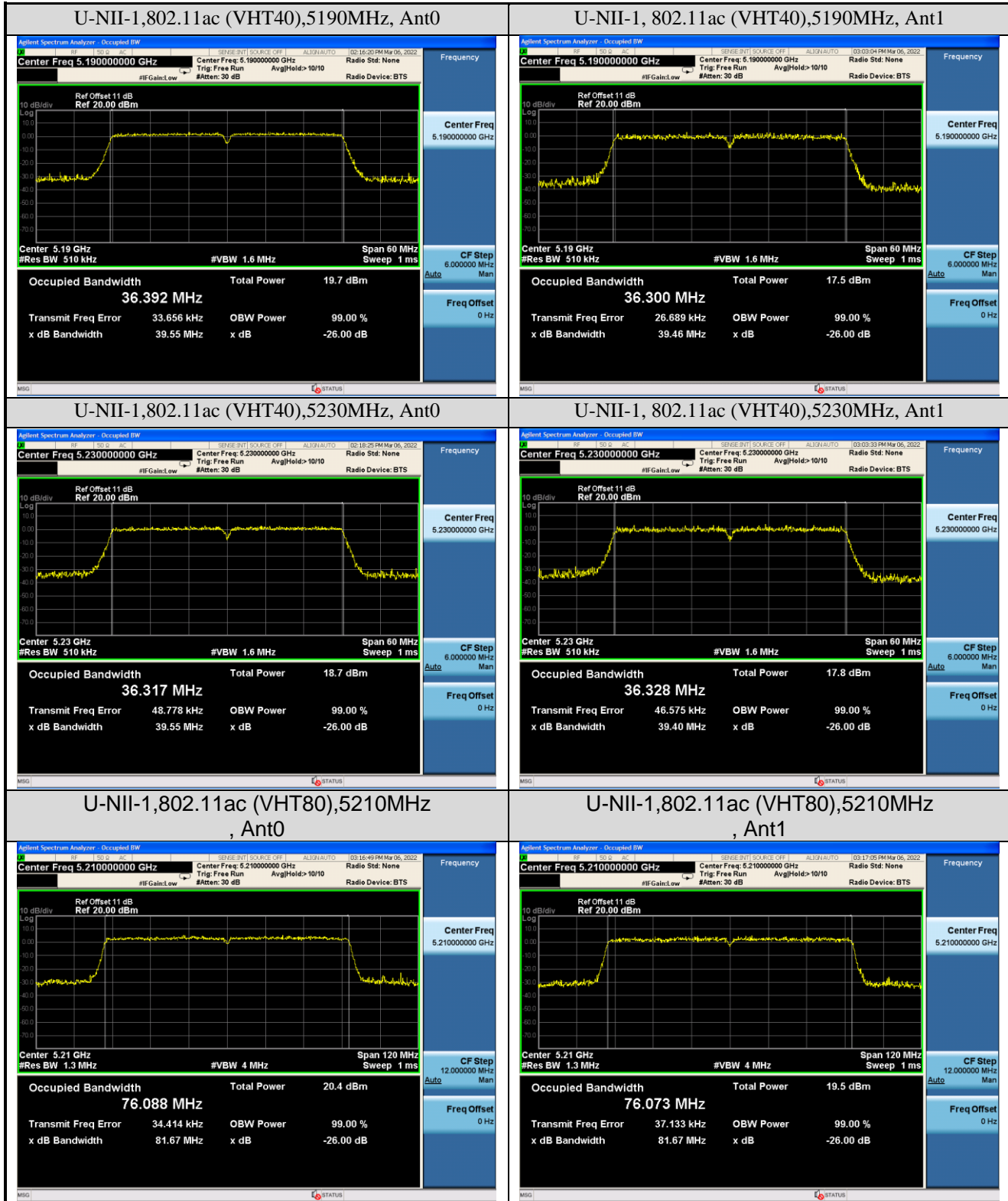
### 1.2 Test Plots











## 2 AVGSA Output Power

### 2.1 Test Data

U-NII-1 AVGSA Output Power								
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Total Power (dBm)	FCC Limit (dBm)	EIRP (dBm)	IC EIRP Limit (dBm)
802.11a	5180	Ant0	0.31	11.88	11.88	24	15.82	22
		Ant1		13.73			17.67	
	5220	Ant0		12.23	12.23	24	16.17	22
		Ant1		13.99			17.93	
	5240	Ant0		12.38	12.38	24	16.32	22
		Ant1		14.16			18.10	
802.11n (HT20)	5180	Ant0	0.31	13.80	17.24	24	21.18	22
		Ant1		14.62				
	5220	Ant0		13.68	17.24	24	21.18	22
		Ant1		14.71				
	5240	Ant0		14.00	17.36	24	21.30	22
		Ant1		14.67				
802.11n (HT40)	5190	Ant0	0.33	9.43	12.97	24	16.91	23
		Ant1		10.43				
	5230	Ant0		9.45	13.00	24	16.94	23
		Ant1		10.47				
802.11ac (VHT20)	5180	Ant0	0.31	13.97	17.37	24	21.31	22
		Ant1		14.72				
	5220	Ant0		13.64	17.20	24	21.14	22
		Ant1		14.68				
	5240	Ant0		13.68	17.16	24	21.10	22
		Ant1		14.57				
802.11ac (VHT40)	5190	Ant0	0.62	10.12	13.71	24	17.65	23
		Ant1		11.22				
	5230	Ant0		10.16	13.76	24	17.70	23
		Ant1		11.28				
802.11ac (VHT80)	5210	Ant0	1.17	13.63	17.12	24	21.06	23
		Ant1		14.55				

### 3 AVGSA Power Spectral Density

#### 3.1 Test Data

U-NII-1 AVGSA Power Spectral Density									
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	Total PSD (dBm)	RBW (kHz)	FCC Limit (dBm)	IC Limit (dBm)	Result
802.11a	5180	Ant0	0.31	4.394	---	1000	11	10	Pass
		Ant1		3.644					---
	5220	Ant0		4.476	---	1000	11	10	Pass
		Ant1		3.607					---
	5240	Ant0		4.506	---	1000	11	10	Pass
		Ant1		3.796					---
802.11n (HT20)	5180	Ant0	0.31	5.834	9.26	1000	11	10	Pass
		Ant1		6.623					
	5220	Ant0		5.488	8.91	1000	11	10	Pass
		Ant1		6.276					
	5240	Ant0		5.701	9.04	1000	11	10	Pass
		Ant1		6.336					
802.11n (HT40)	5190	Ant0	0.33	-1.255	1.26	1000	11	10	Pass
		Ant1		-2.305					
	5230	Ant0		-1.263	1.35	1000	11	10	Pass
		Ant1		-2.099					
802.11ac (VHT20)	5180	Ant0	0.33	5.824	9.23	1000	11	10	Pass
		Ant1		6.576					
	5220	Ant0		5.204	8.77	1000	11	10	Pass
		Ant1		6.244					
	5240	Ant0		5.420	9.06	1000	11	10	Pass
		Ant1		6.594					
802.11ac (VHT40)	5190	Ant0	0.62	-1.162	1.37	1000	11	10	Pass
		Ant1		-2.172					
	5230	Ant0		-1.099	1.47	1000	11	10	Pass
		Ant1		-2.028					
802.11ac (VHT80)	5210	Ant0	1.17	-2.838	-0.14	1000	11	10	Pass
		Ant1		-3.478					



### 3.2 Test Plots

