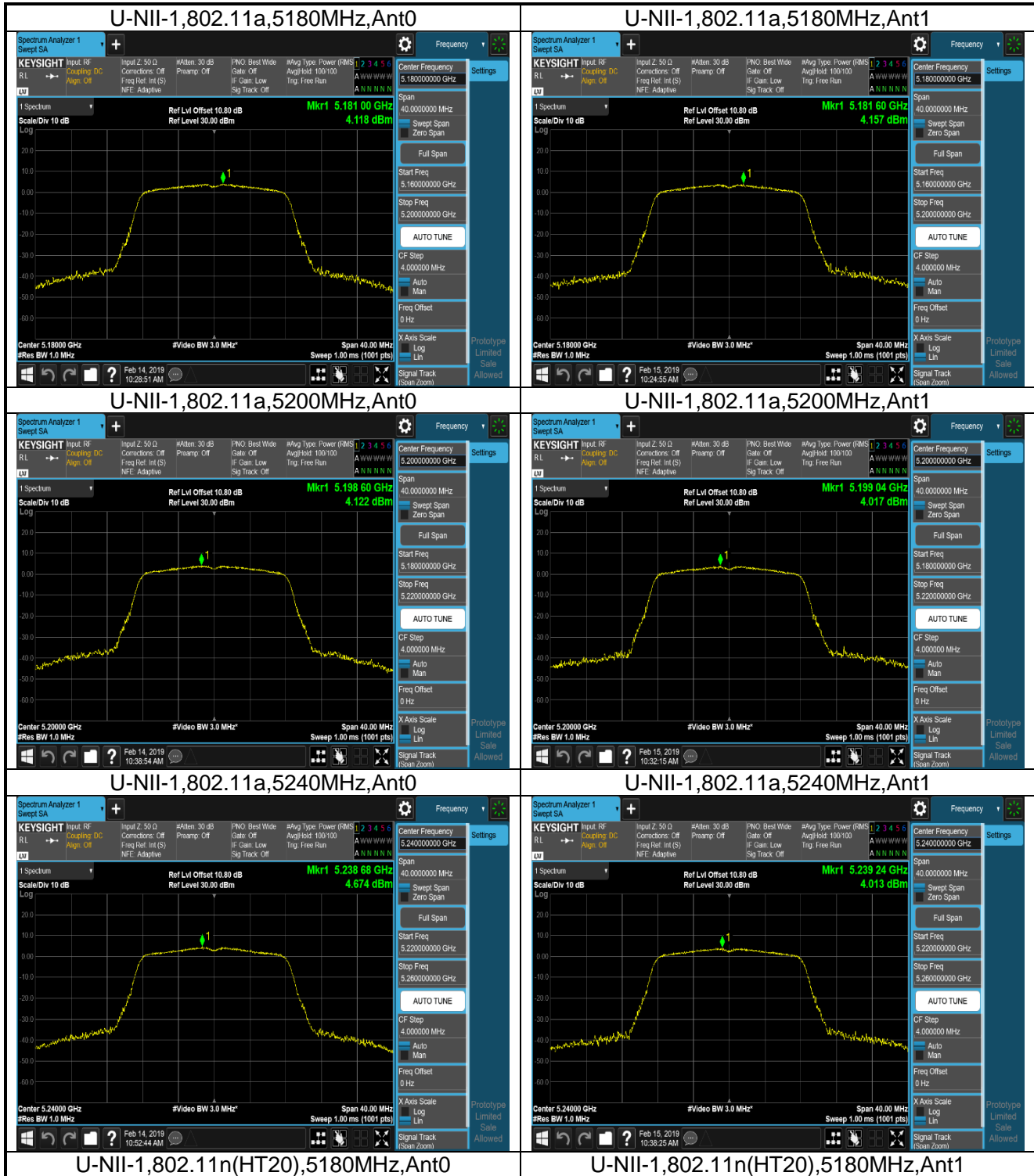


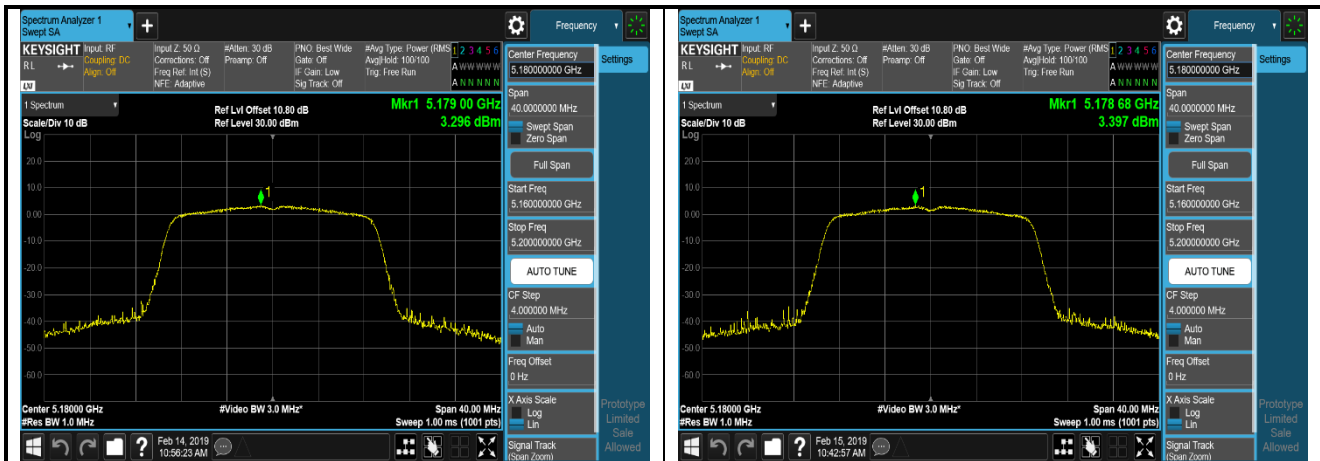
## 5. AVGSA Power Spectral Density

### 5.1 Test Data

		U-NII-1 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	Total PSD (dBm)	FCC PSD Limit (dBm)	EIRP PSD (dBm)	Limit (dBm)	Result
802.11a	5180	Ant0	0.12	4.238	4.238	11	7.678	10	Pass
802.11a	5180	Ant1	0.12	4.277	4.277	11	7.647	10	Pass
802.11a	5200	Ant0	0.12	4.242	4.242	11	7.682	10	Pass
802.11a	5200	Ant1	0.12	4.137	4.137	11	7.507	10	Pass
802.11a	5240	Ant0	0.12	4.794	4.794	11	8.234	10	Pass
802.11a	5240	Ant1	0.12	4.133	4.133	11	7.503	10	Pass
802.11n (HT20)	5180	Ant0	0.13	3.426	6.47	11	9.88	10	Pass
802.11n (HT20)	5180	Ant1	0.10	3.497					
802.11n (HT20)	5200	Ant0	0.13	3.764	6.57	11	9.98	10	Pass
802.11n (HT20)	5200	Ant1	0.10	3.349					
802.11n (HT20)	5240	Ant0	0.13	3.642	6.47	11	9.88	10	Pass
802.11n (HT20)	5240	Ant1	0.10	3.270					
802.11n (HT40)	5190	Ant0	0.26	-0.432	2.29	11	5.70	10	Pass
802.11n (HT40)	5190	Ant1	0.26	-1.036					
802.11n (HT40)	5230	Ant0	0.20	-0.284	2.40	11	5.81	10	Pass
802.11n (HT40)	5230	Ant1	0.26	-0.954					
802.11ac (VHT80)	5210	Ant0	0.74	-5.369	-2.79	11	0.62	10	Pass
802.11ac (VHT80)	5210	Ant1	0.74	-6.269					

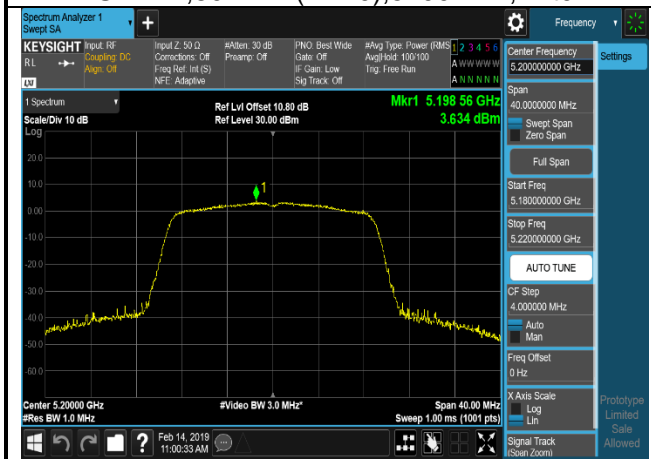
### 5.2 Test Plots



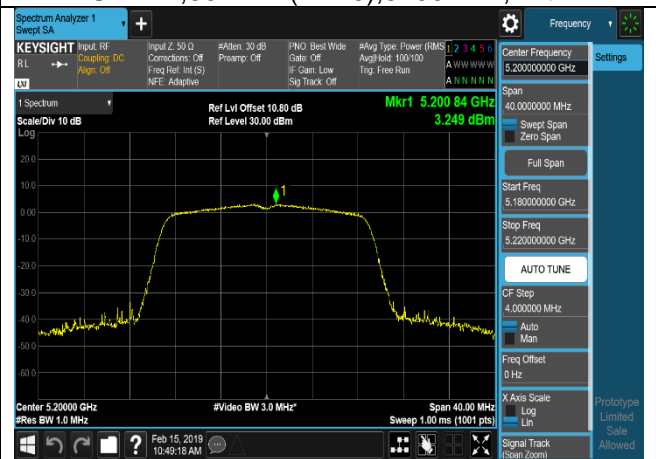


U-NII-1,802.11n(HT20),5200MHz,Ant0

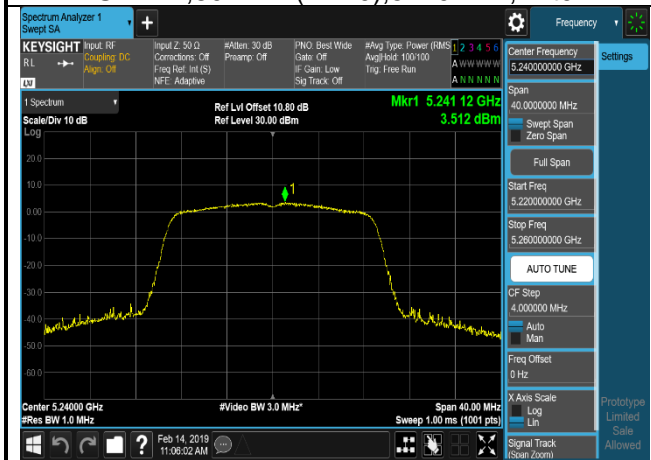
U-NII-1,802.11n(HT20),5200MHz,Ant1



U-NII-1,802.11n(HT20),5240MHz,Ant0



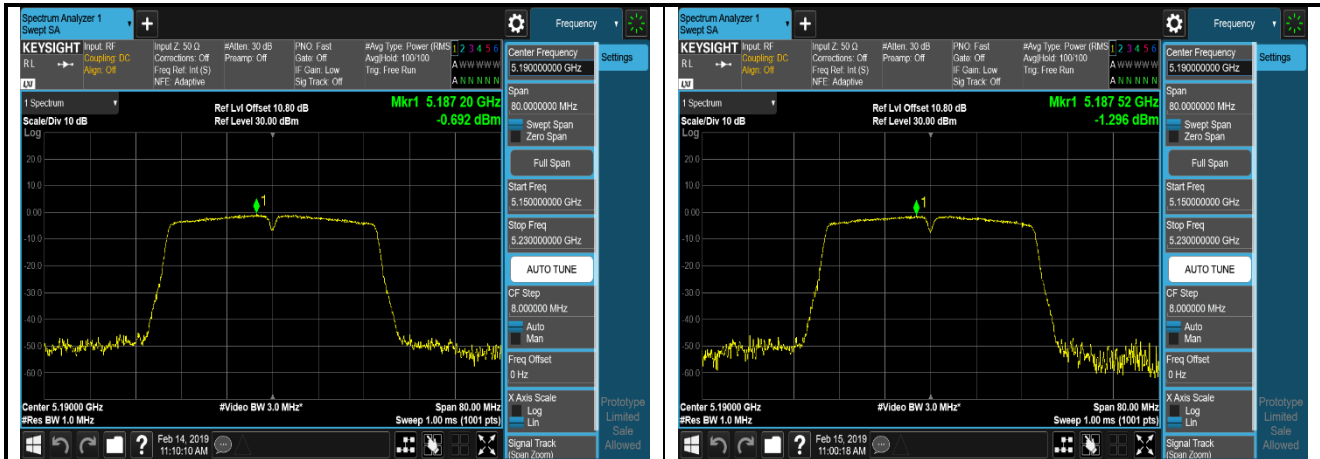
U-NII-1,802.11n(HT20),5240MHz,Ant1



U-NII-1,802.11n(HT40),5190MHz,Ant0



U-NII-1,802.11n(HT40),5190MHz,Ant1

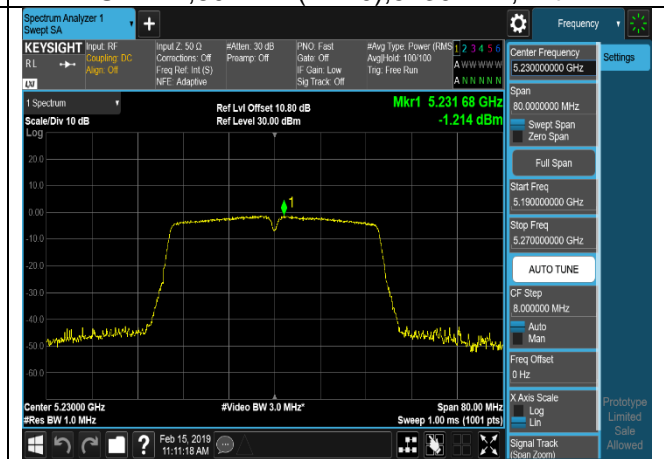


U-NII-1,802.11n(HT40),5230MHz,Ant0

U-NII-1,802.11n(HT40),5230MHz,Ant1



U-NII-1,802.11ac(VHT80),5210MHz ,Ant0



U-NII-1,802.11ac(VHT80),5210MHz ,Ant1

