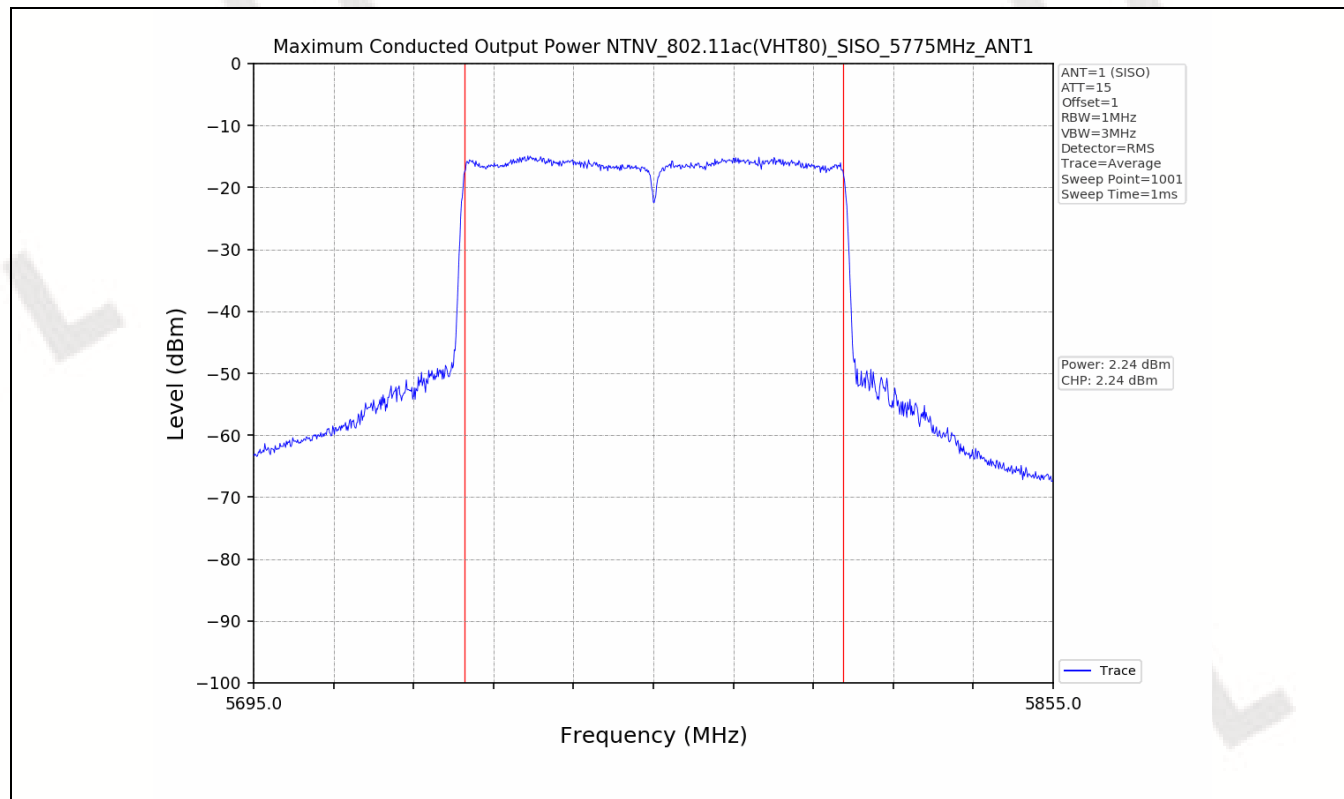




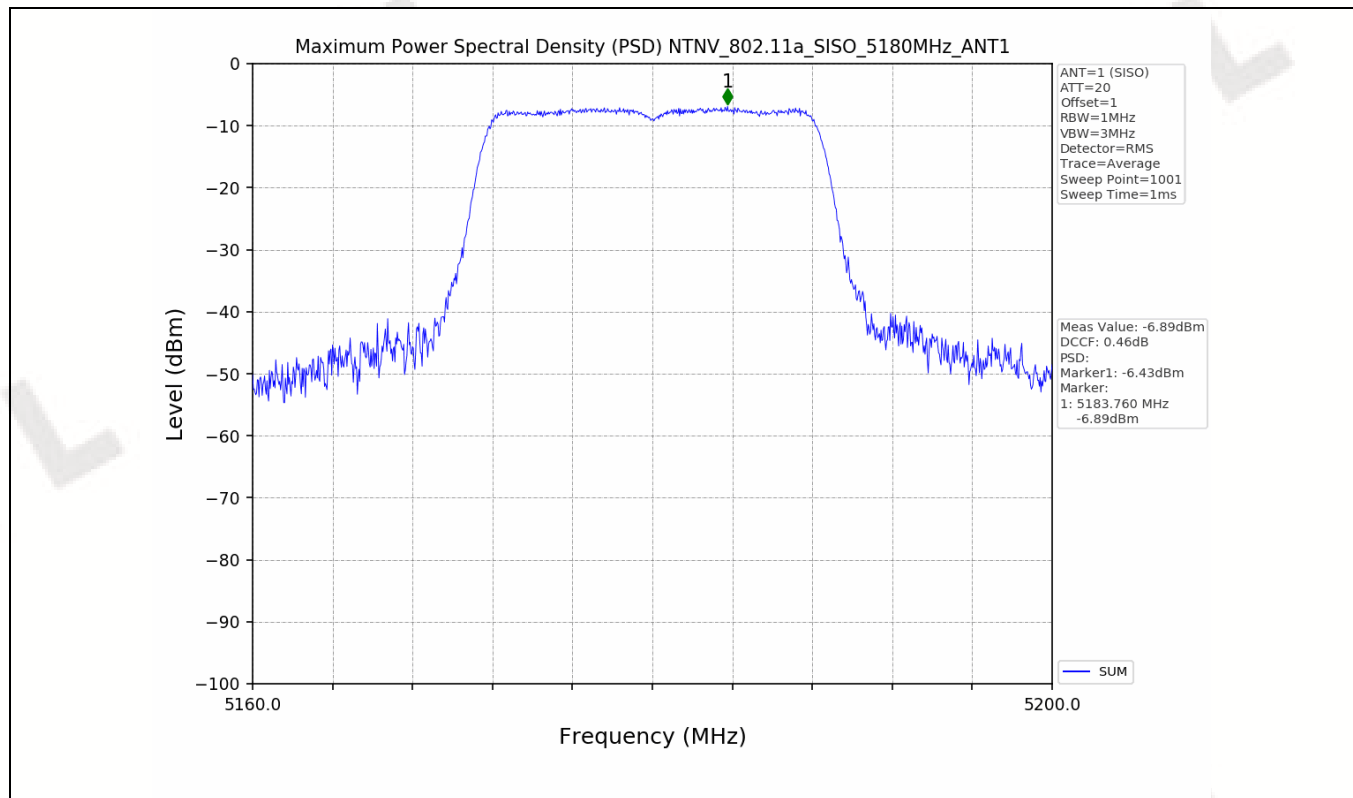
3. Maximum Power Spectral Density (PSD)

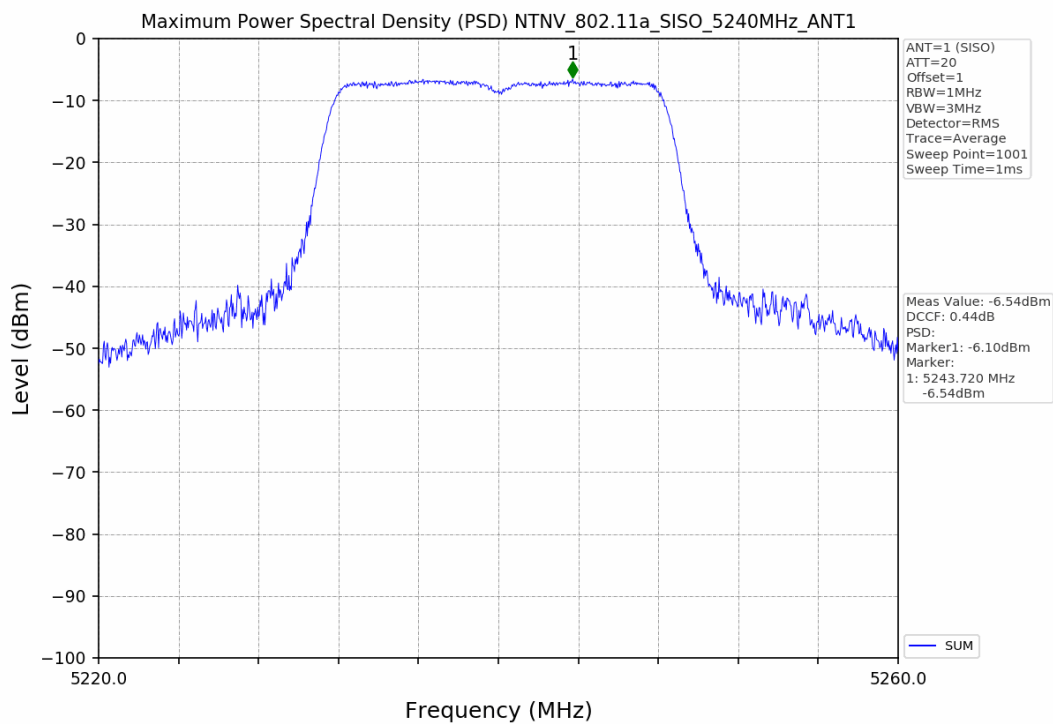
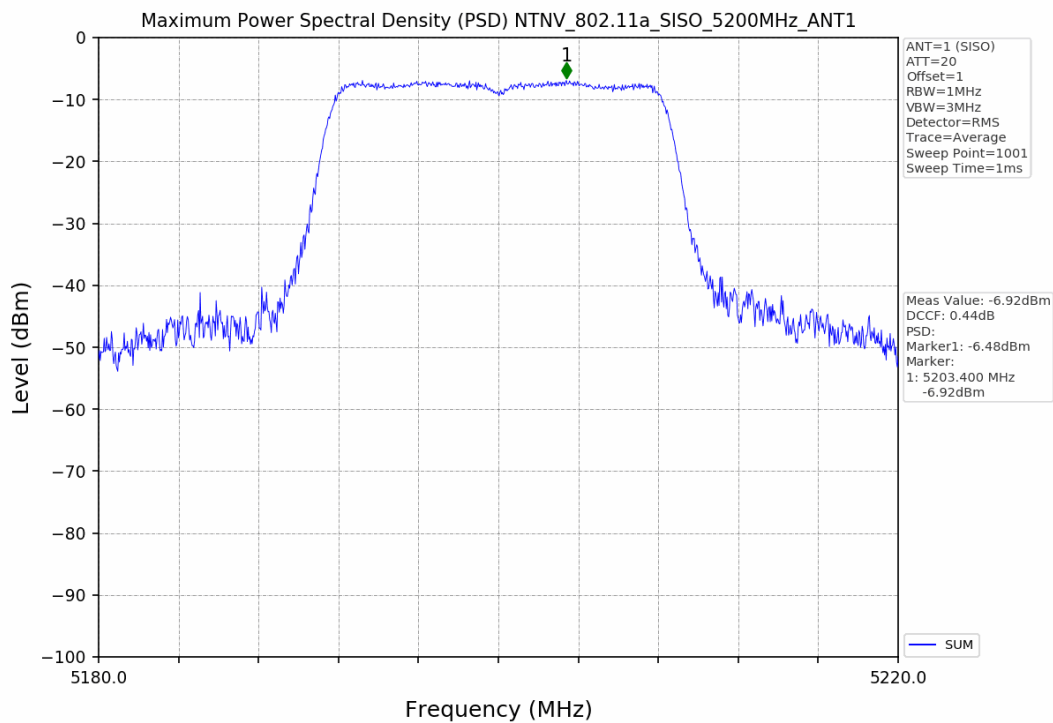
3.1 Test Result

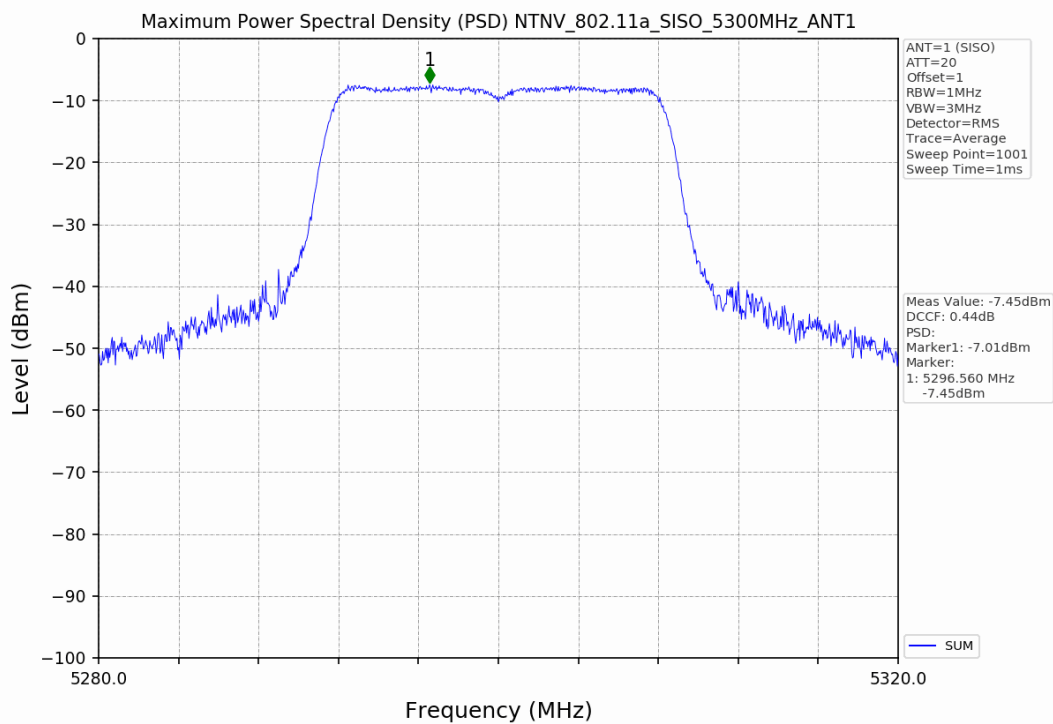
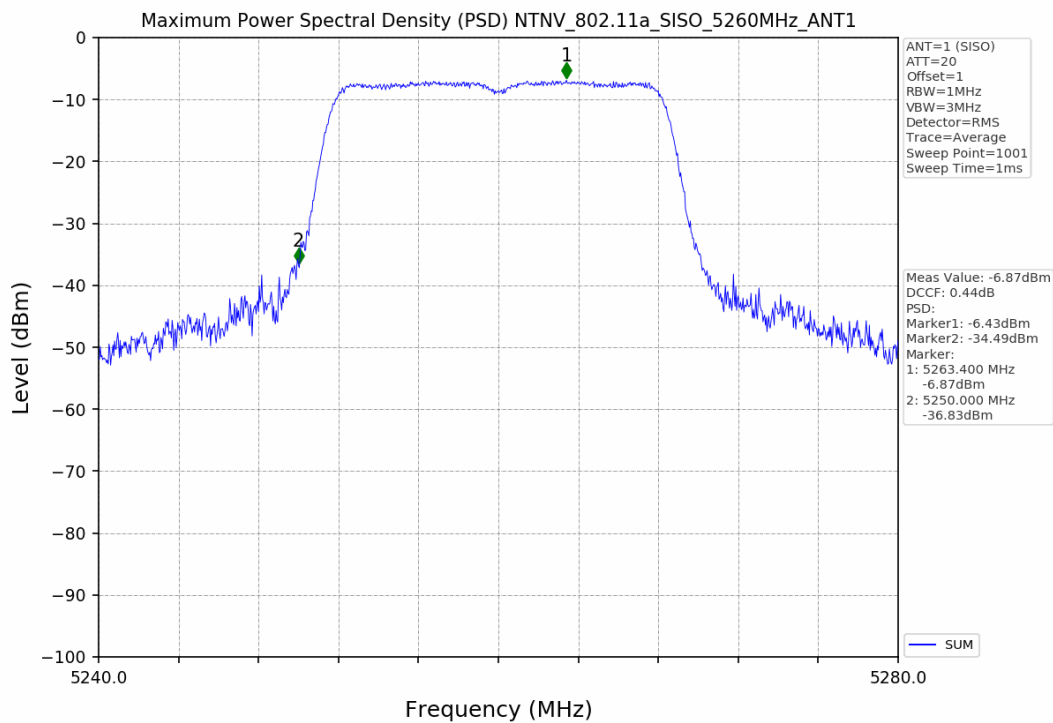
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	-6.43	≤11	PASS
	5200	SISO	-6.48	≤11	PASS
	5240	SISO	-6.10	≤11	PASS
	5260	SISO	-6.43	≤11	PASS
	5300	SISO	-7.01	≤11	PASS
	5320	SISO	-7.28	≤11	PASS
	5500	SISO	-6.38	≤11	PASS
	5580	SISO	-6.44	≤11	PASS
	5600	SISO	-6.04	≤11	PASS
	5700	SISO	-6.97	≤11	PASS
802.11n(HT20)	5180	SISO	-8.27	≤11	PASS
	5200	SISO	-8.04	≤11	PASS
	5240	SISO	-7.89	≤11	PASS
	5260	SISO	-6.17	≤11	PASS
	5300	SISO	-6.85	≤11	PASS
	5320	SISO	-7.16	≤11	PASS
	5500	SISO	-6.59	≤11	PASS
	5580	SISO	-6.93	≤11	PASS
	5600	SISO	-6.34	≤11	PASS
	5700	SISO	-6.63	≤11	PASS
802.11n(HT40)	5190	SISO	-9.56	≤11	PASS
	5230	SISO	-9.22	≤11	PASS
	5270	SISO	-7.92	≤11	PASS
	5310	SISO	-8.35	≤11	PASS
	5510	SISO	-7.96	≤11	PASS
	5550	SISO	-8.80	≤11	PASS
	5590	SISO	-7.17	≤11	PASS
	5670	SISO	-7.17	≤11	PASS
802.11ac(VHT20)	5180	SISO	-6.26	≤11	PASS
	5200	SISO	-6.27	≤11	PASS
	5240	SISO	-5.90	≤11	PASS
	5260	SISO	-6.34	≤11	PASS
	5300	SISO	-6.83	≤11	PASS
	5320	SISO	-7.01	≤11	PASS
	5500	SISO	-6.80	≤11	PASS
	5580	SISO	-6.84	≤11	PASS
	5600	SISO	-6.46	≤11	PASS
	5700	SISO	-6.89	≤11	PASS
802.11ac(VHT40)	5190	SISO	-9.42	≤11	PASS
	5230	SISO	-9.32	≤11	PASS
	5270	SISO	-9.80	≤11	PASS
	5310	SISO	-10.23	≤11	PASS
	5510	SISO	-10.21	≤11	PASS
	5550	SISO	-10.90	≤11	PASS
	5590	SISO	-9.27	≤11	PASS
802.11ac(VHT80)	5670	SISO	-9.17	≤11	PASS
	5210	SISO	-13.87	≤11	PASS
	5290	SISO	-12.53	≤11	PASS
	5530	SISO	-13.49	≤11	PASS
	5610	SISO	-12.36	≤11	PASS

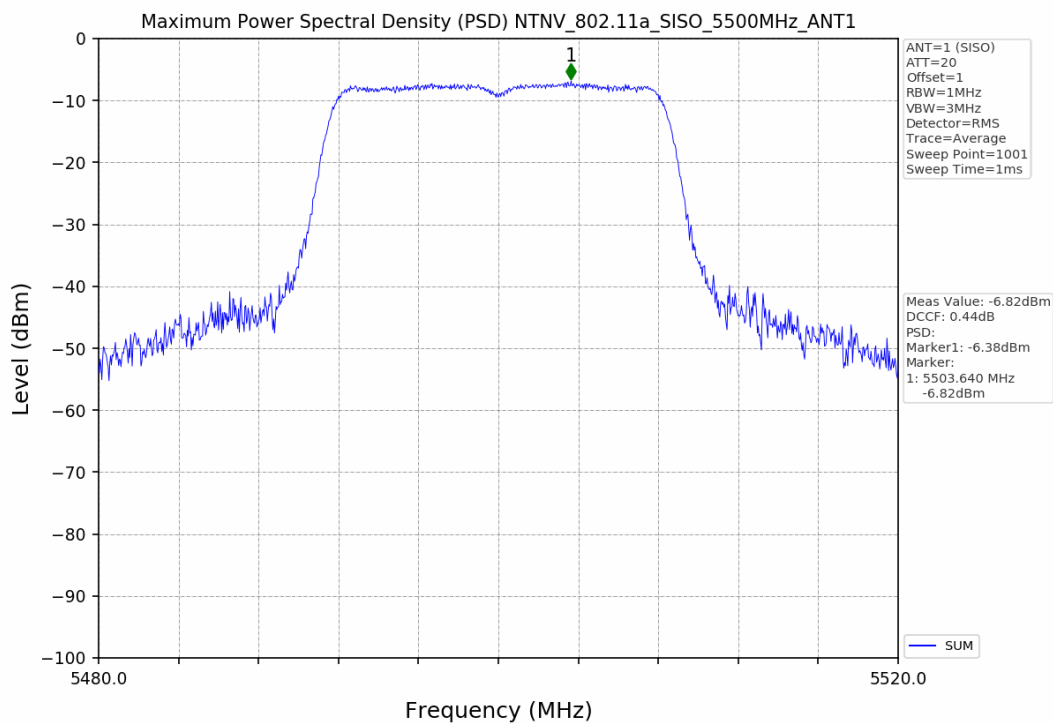
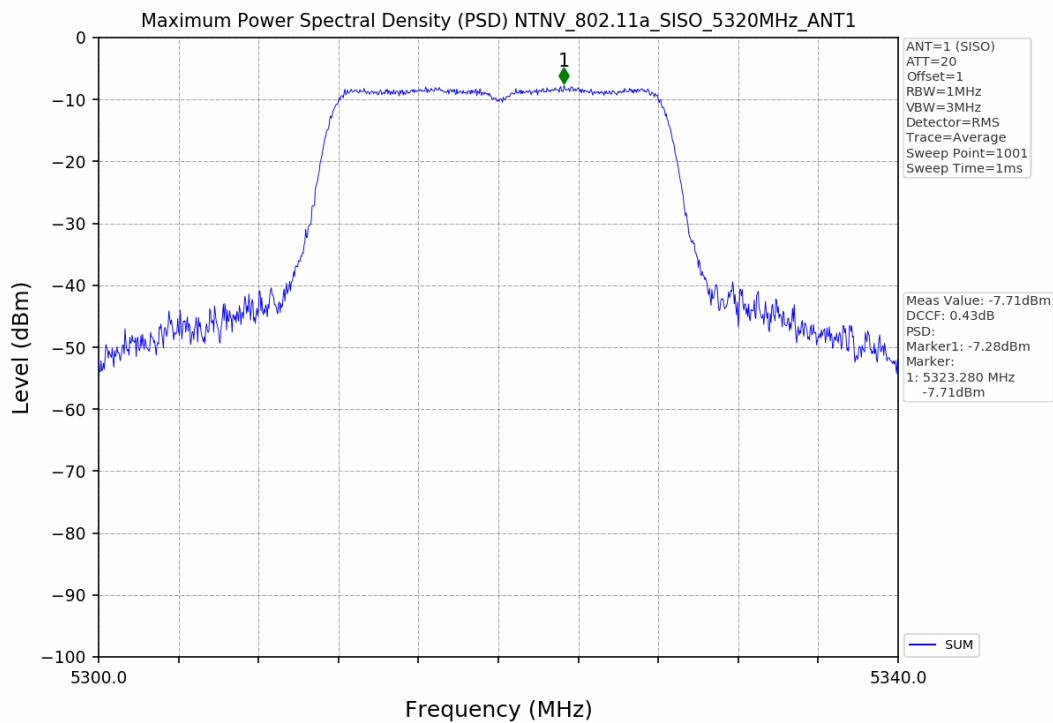
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	-9.72	≤30	PASS
	5785	SISO	-10.40	≤30	PASS
	5825	SISO	-8.98	≤30	PASS
802.11n(HT20)	5745	SISO	-9.21	≤30	PASS
	5785	SISO	-9.99	≤30	PASS
	5825	SISO	-11.09	≤30	PASS
802.11n(HT40)	5755	SISO	-10.68	≤30	PASS
	5795	SISO	-10.34	≤30	PASS
802.11ac(VHT20)	5745	SISO	-9.32	≤30	PASS
	5785	SISO	-9.93	≤30	PASS
	5825	SISO	-10.62	≤30	PASS
802.11ac(VHT40)	5755	SISO	-12.29	≤30	PASS
	5795	SISO	-13.36	≤30	PASS
802.11ac(VHT80)	5775	SISO	-15.84	≤30	PASS

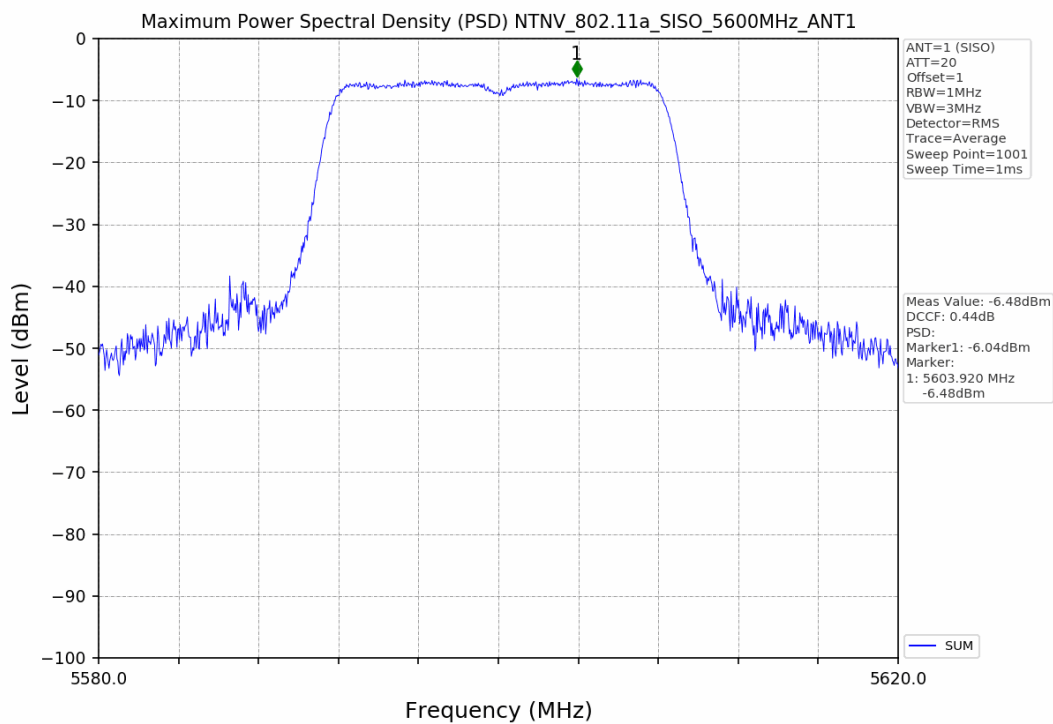
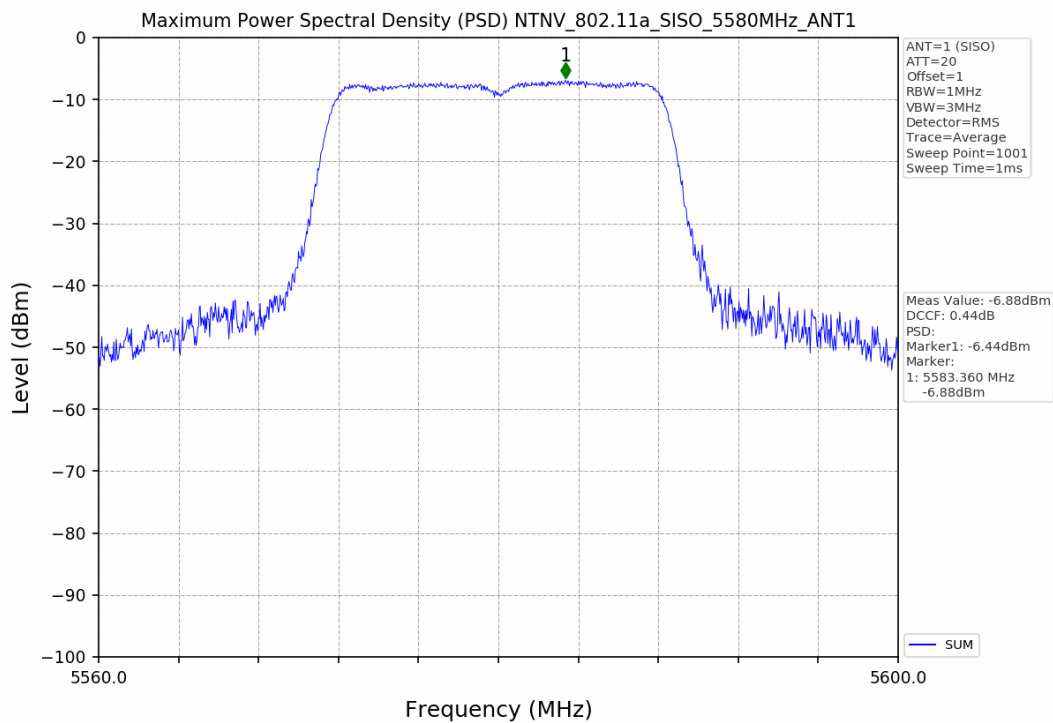
3.2 Test Graph

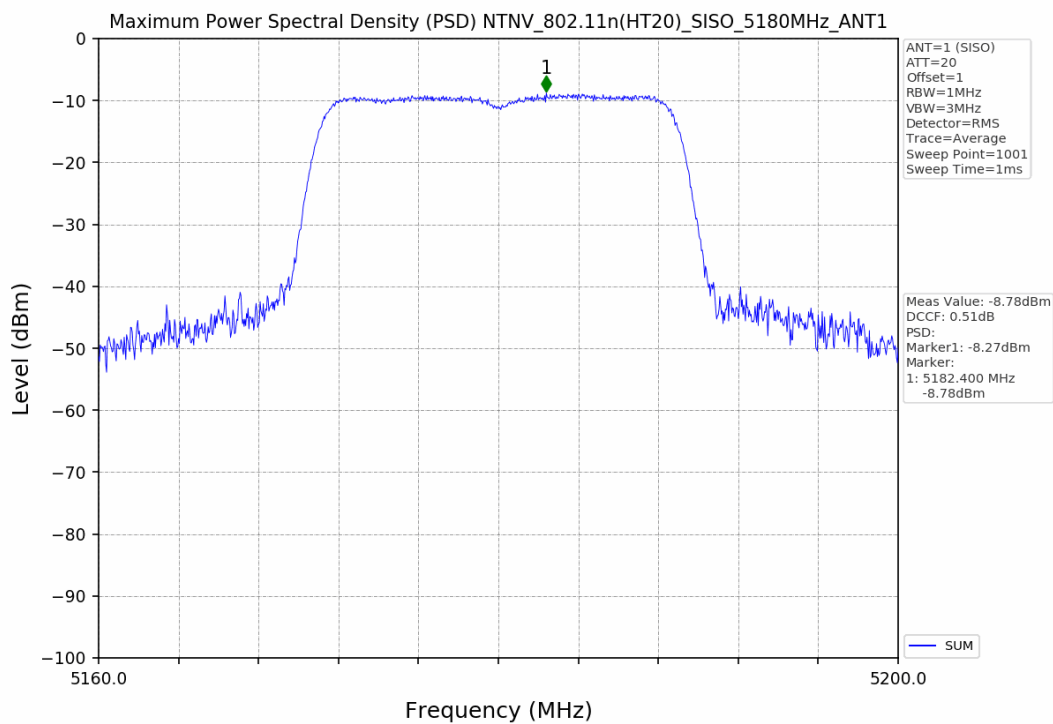
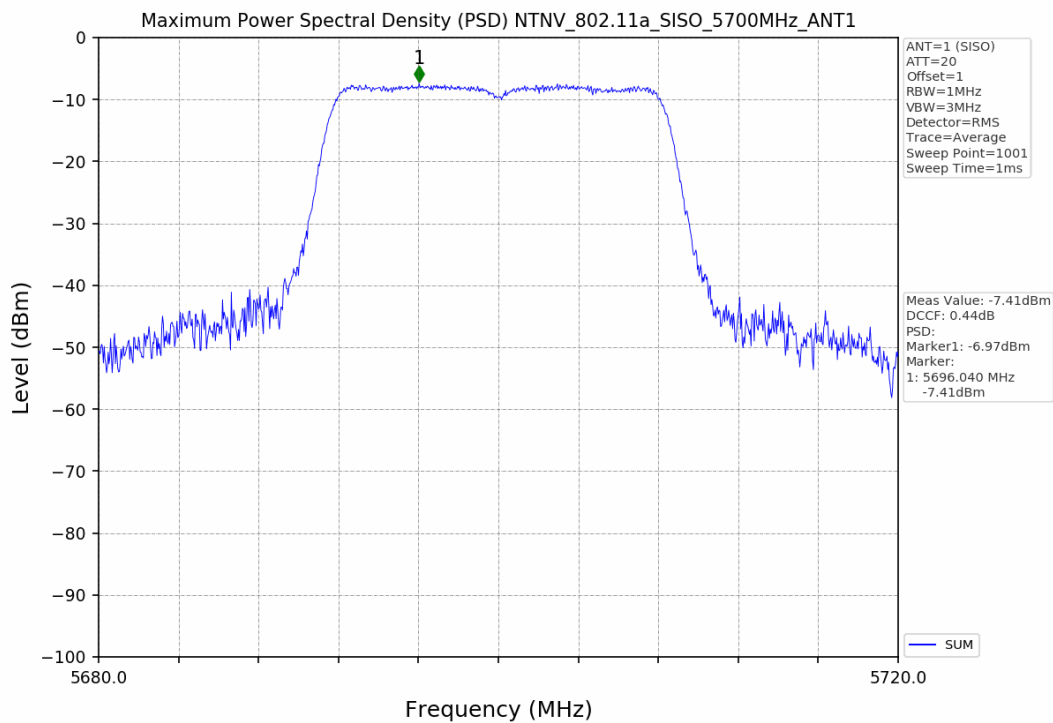


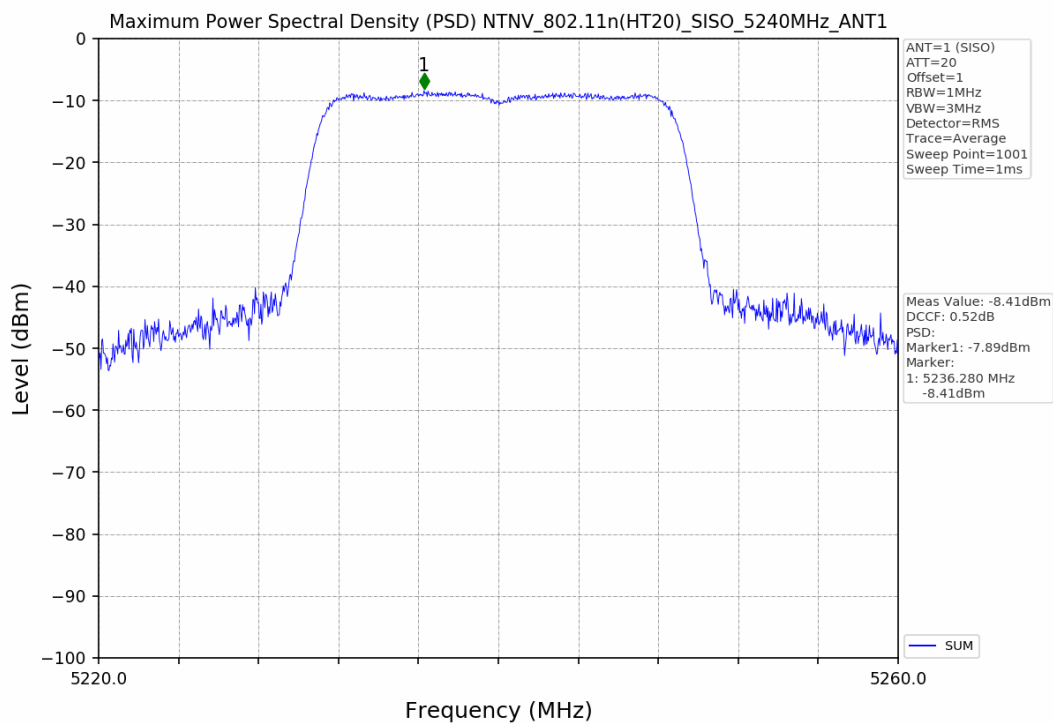
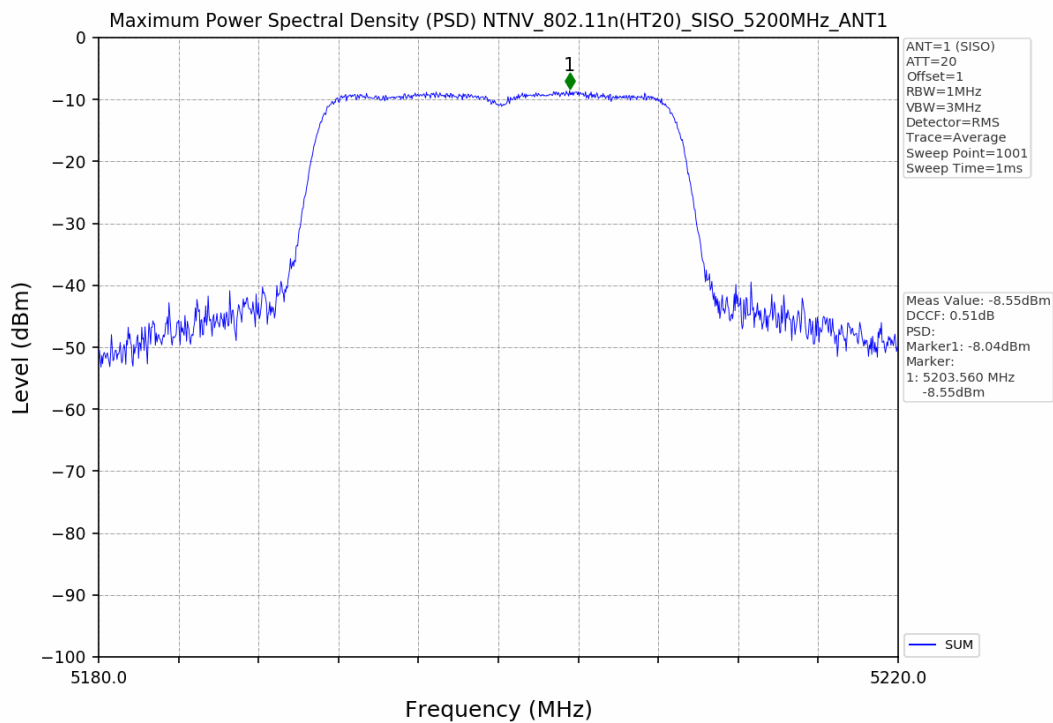


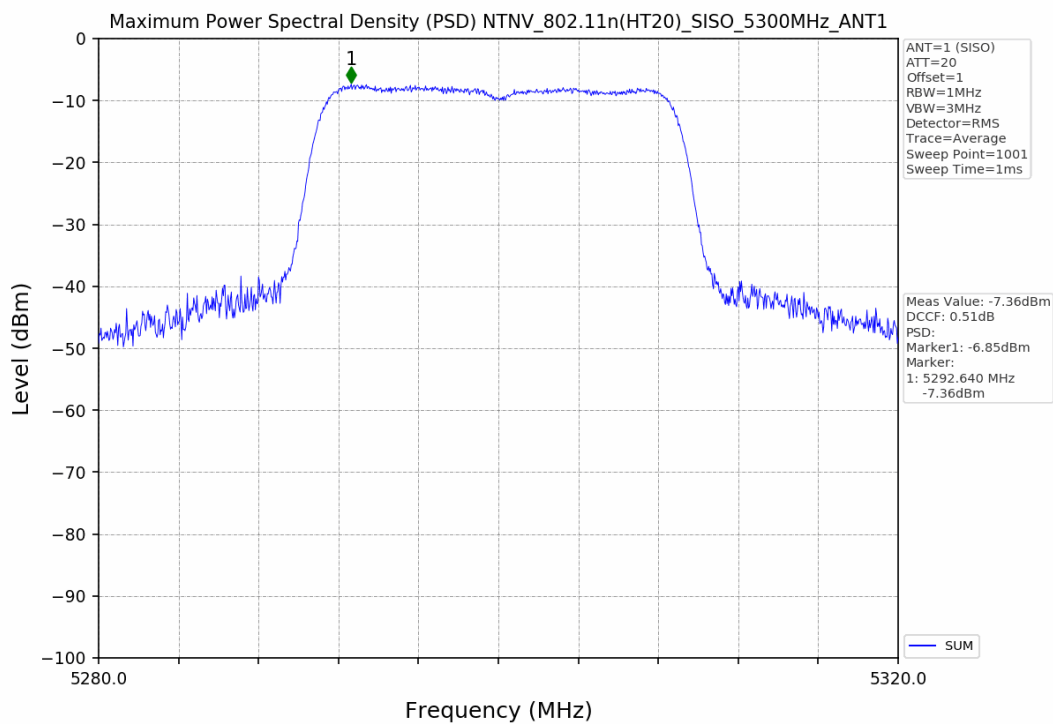
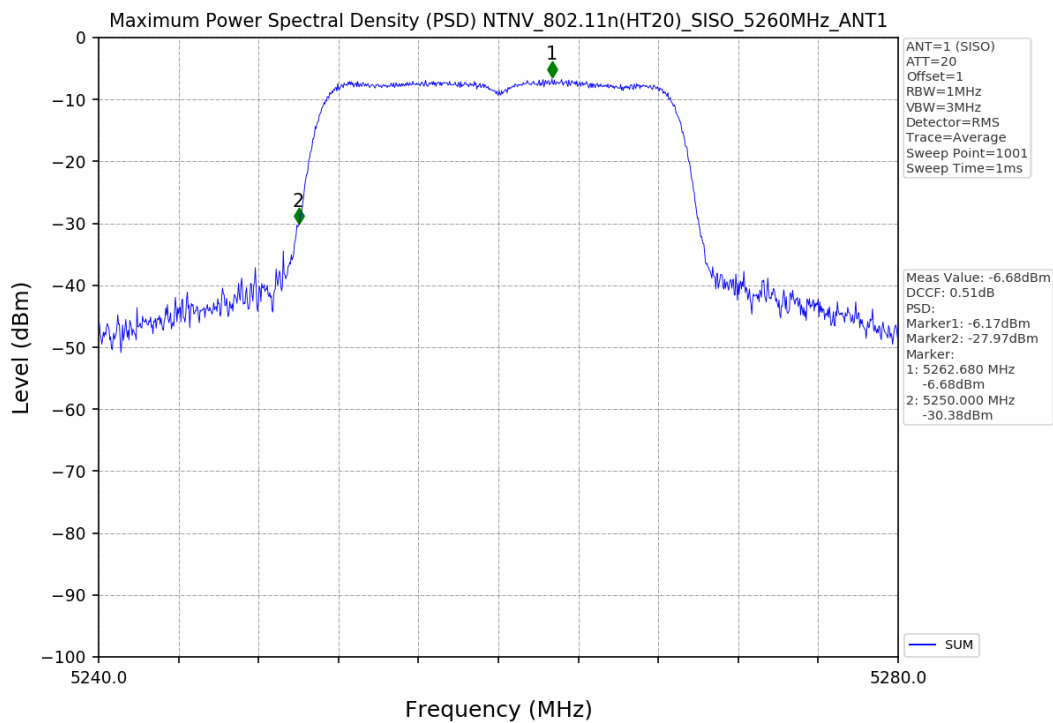


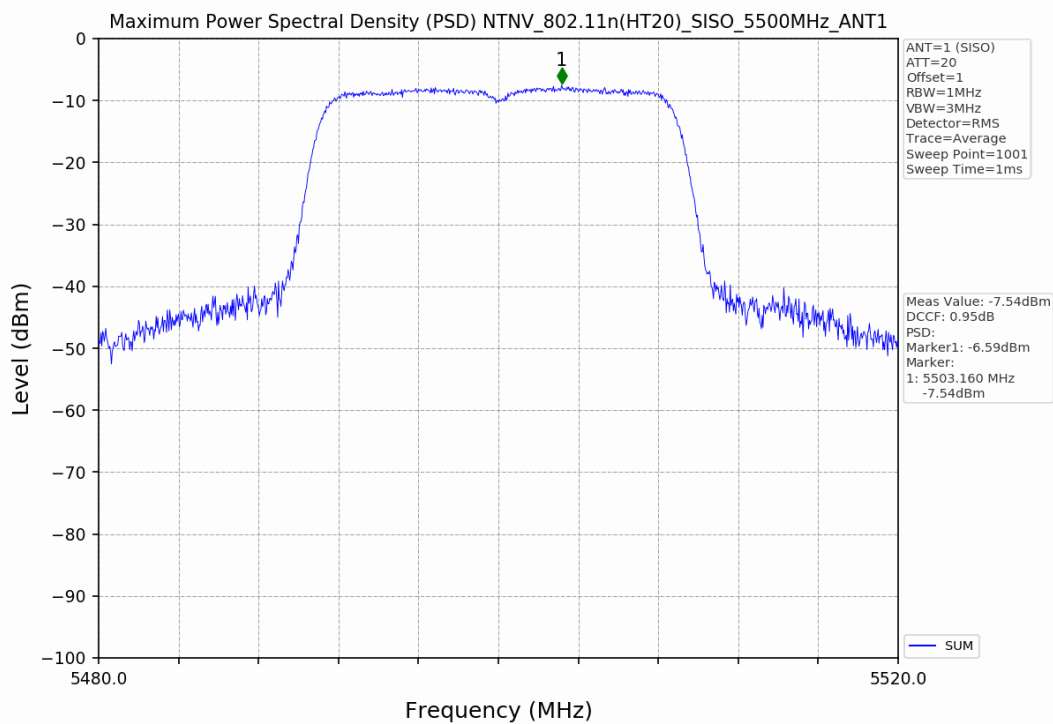
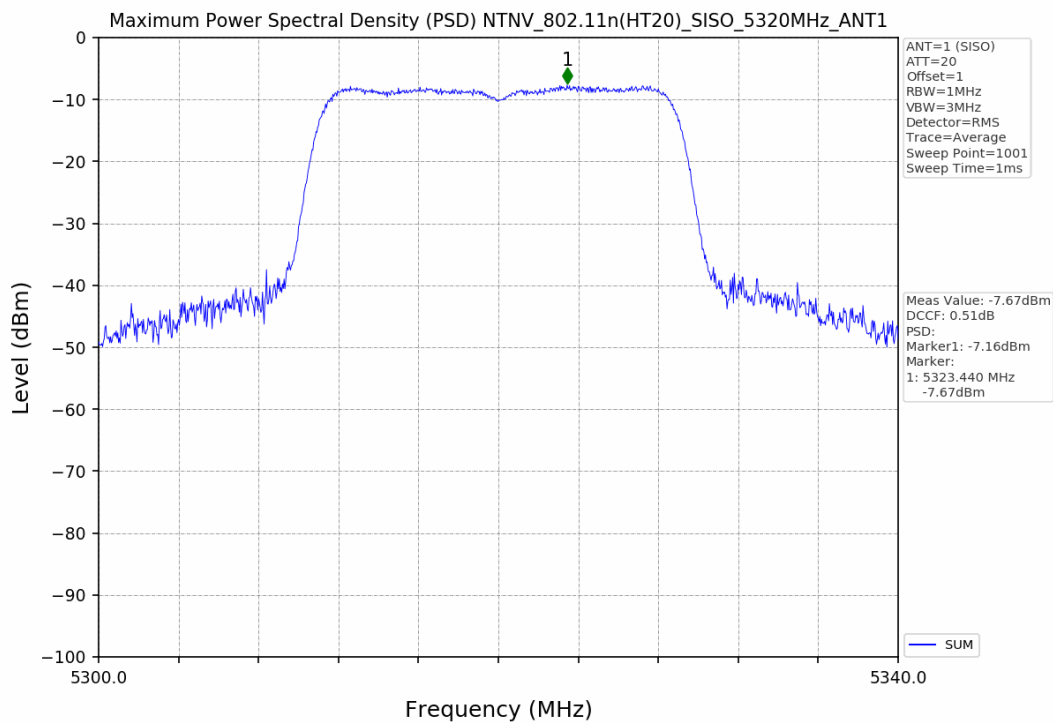


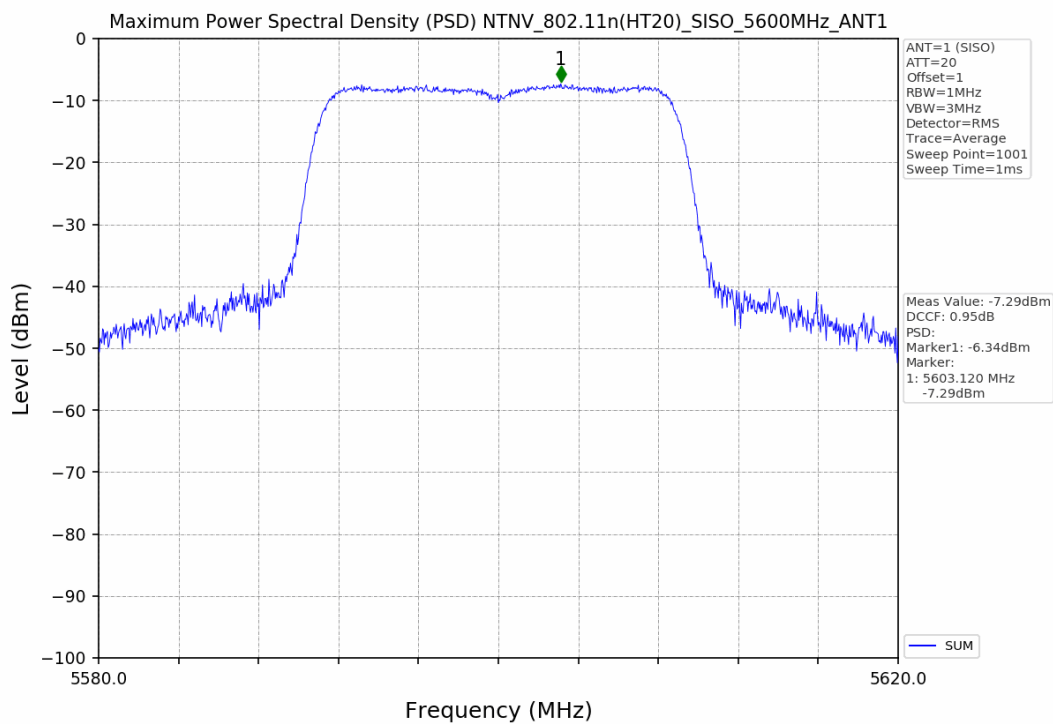
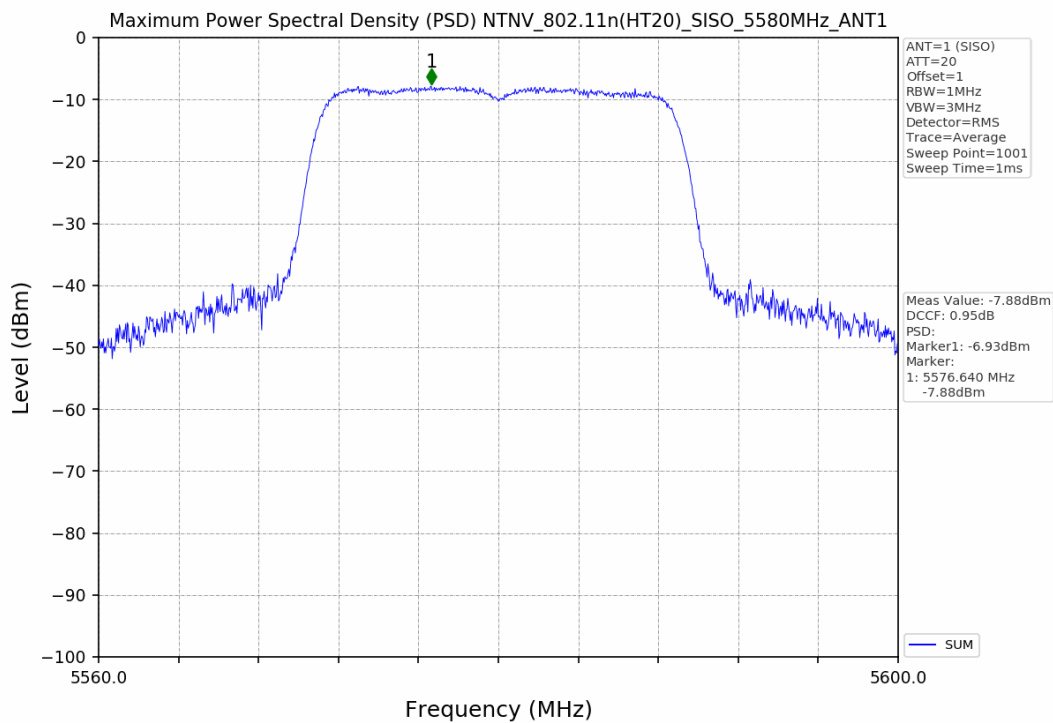


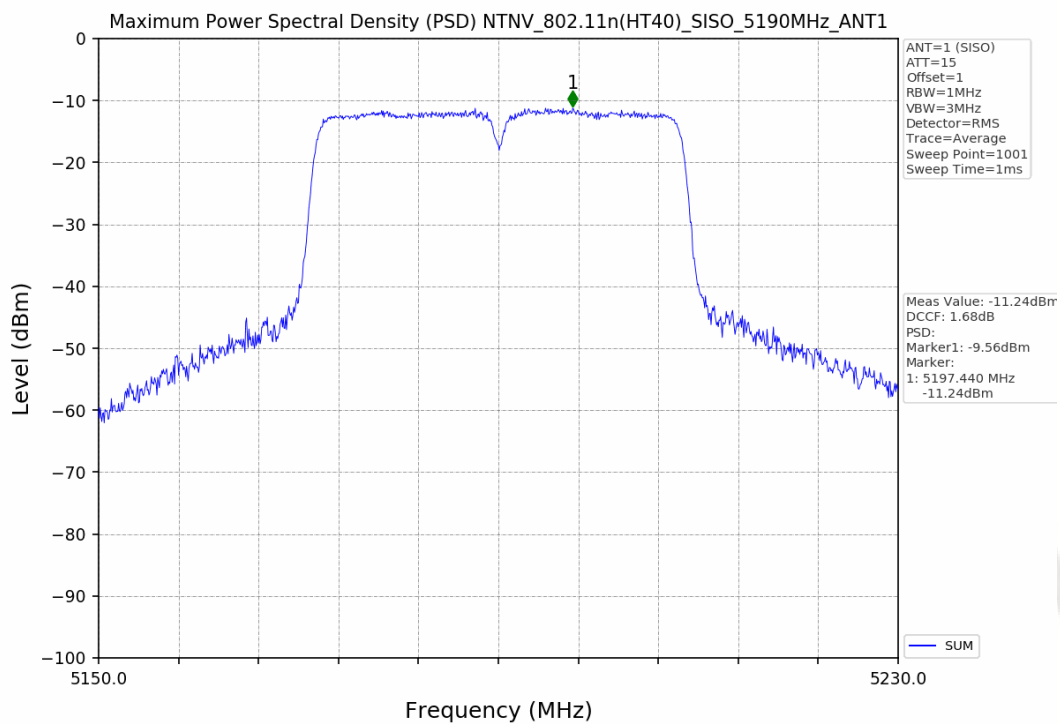
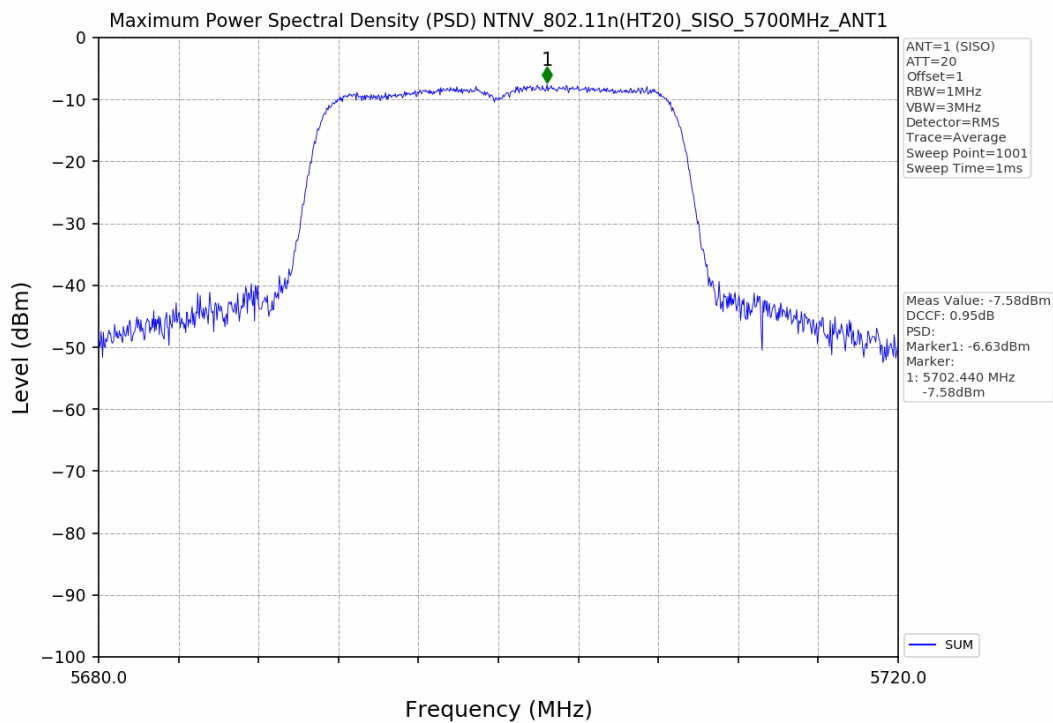


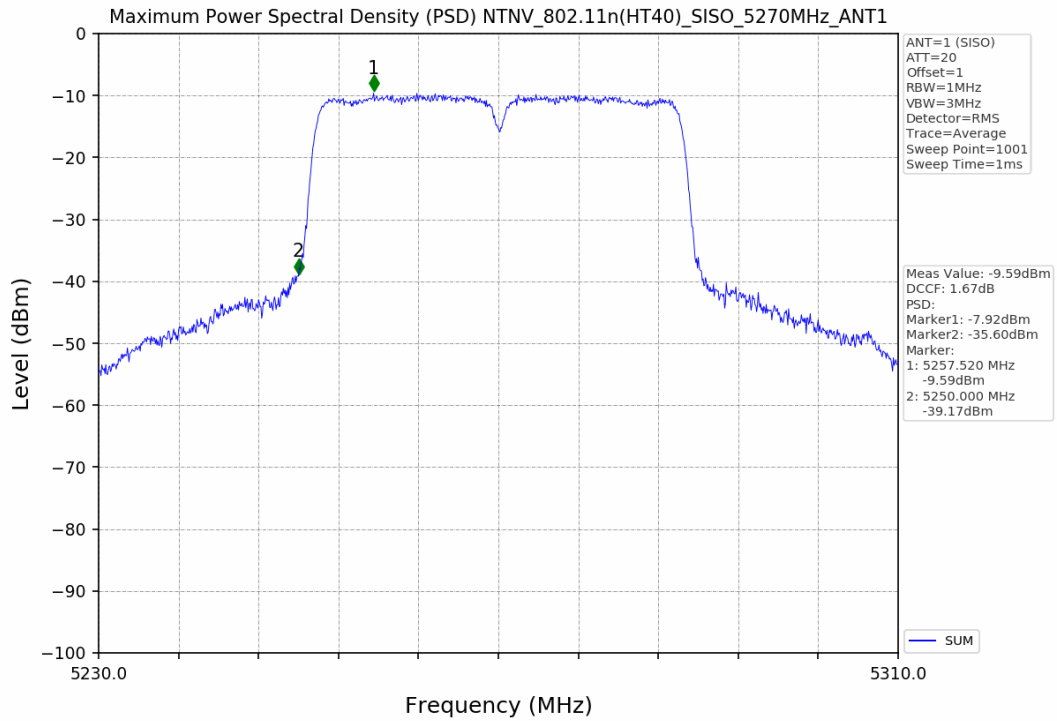
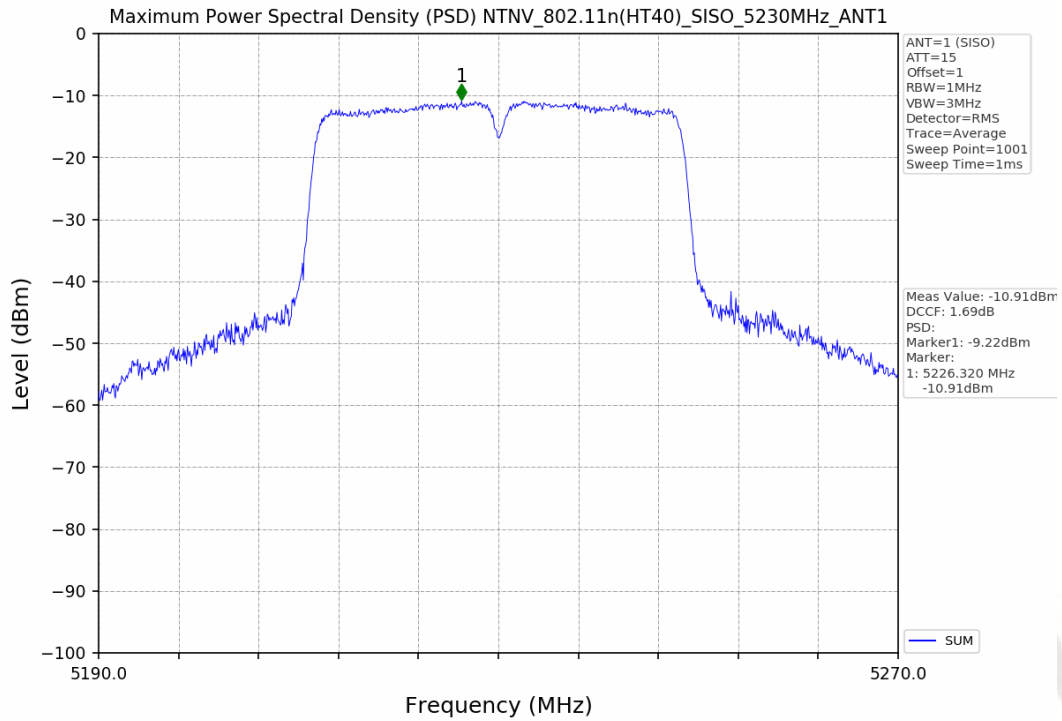


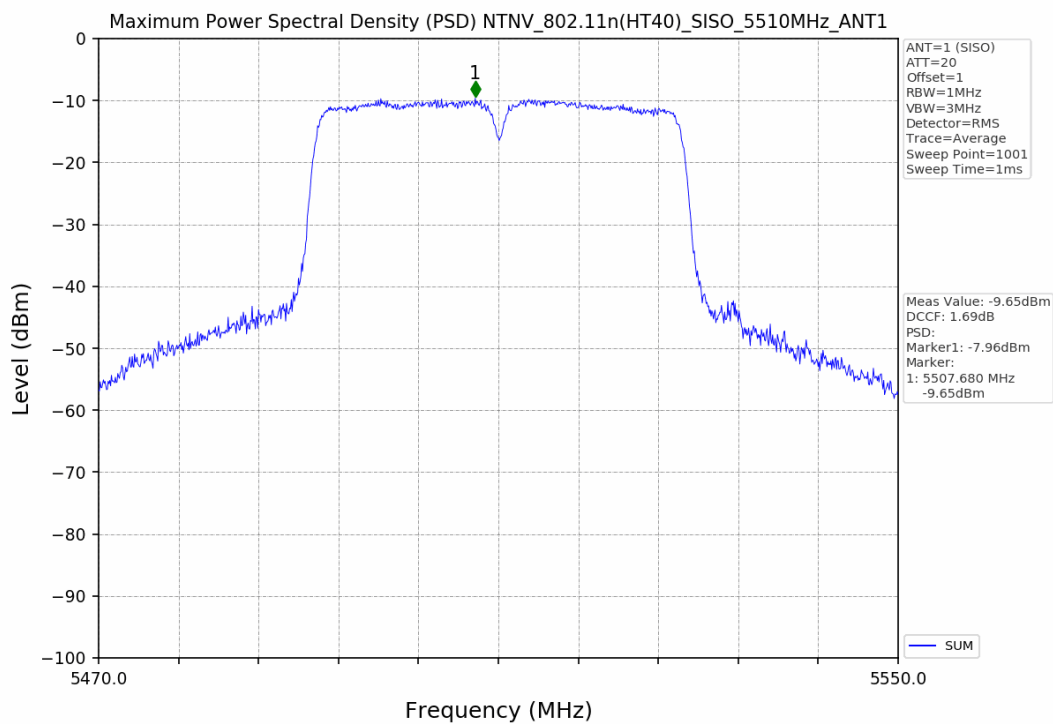
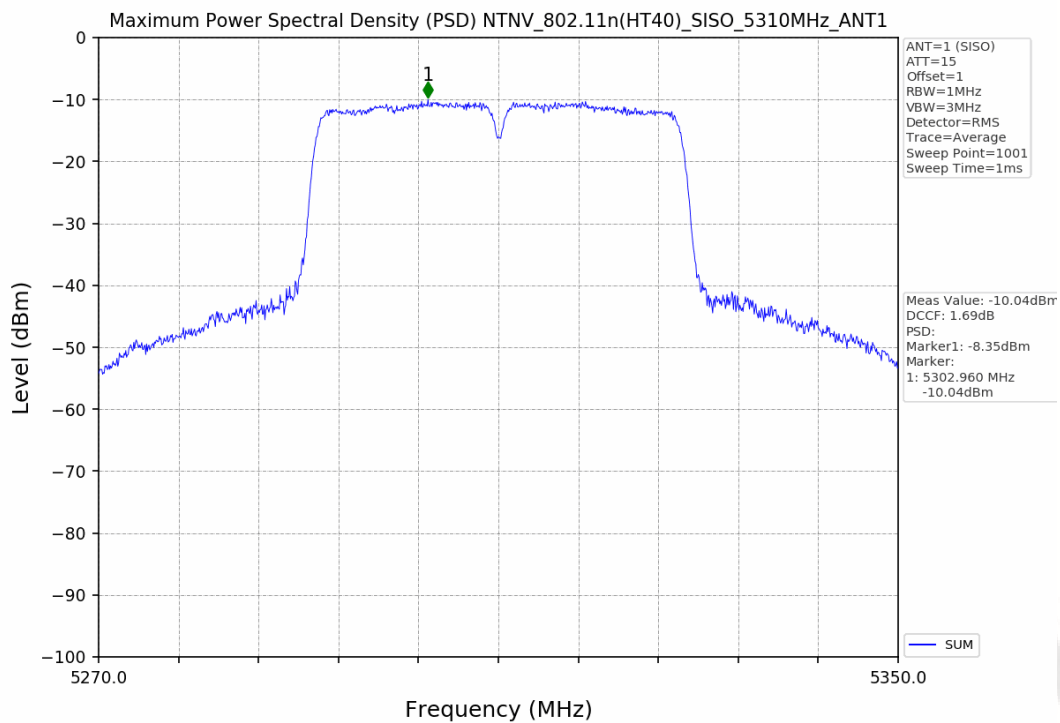


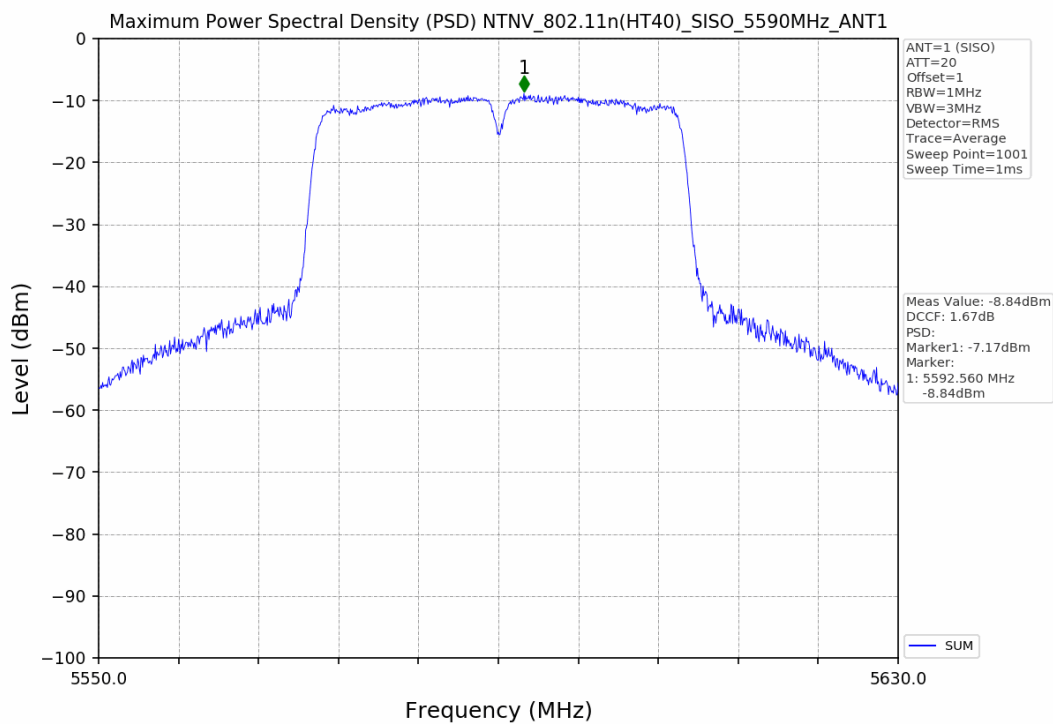
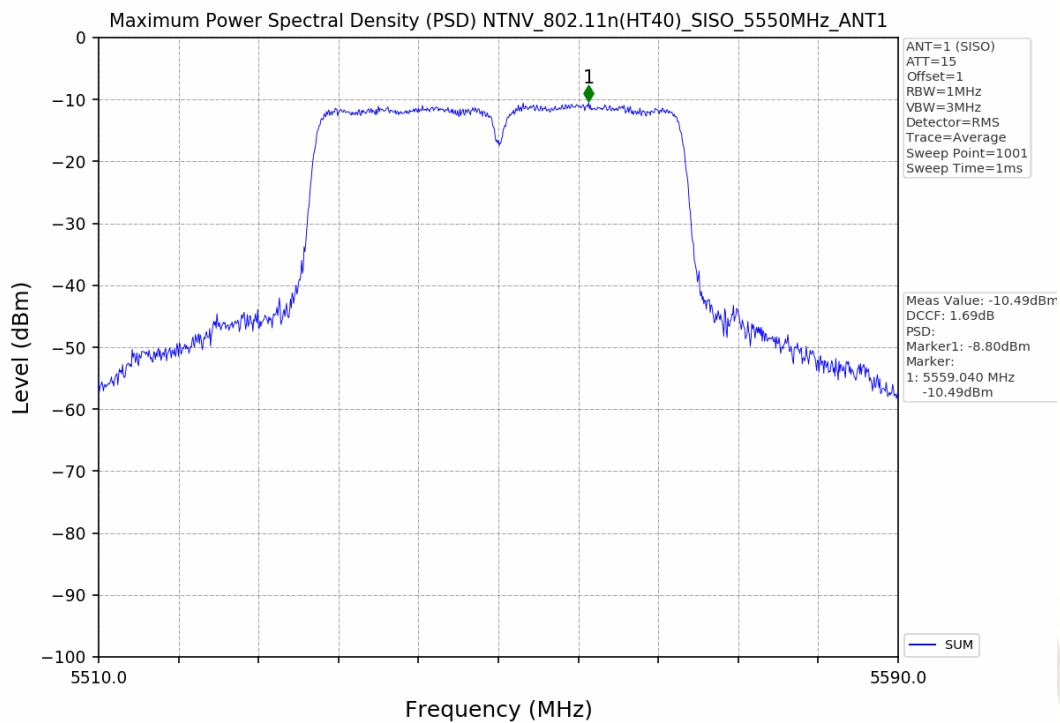


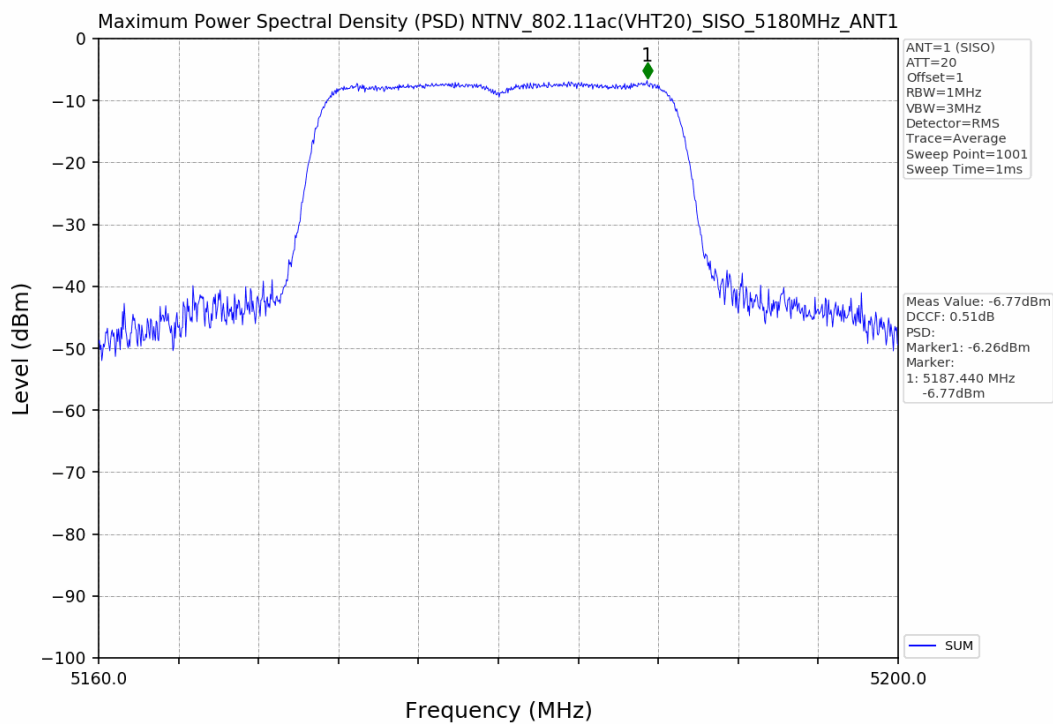
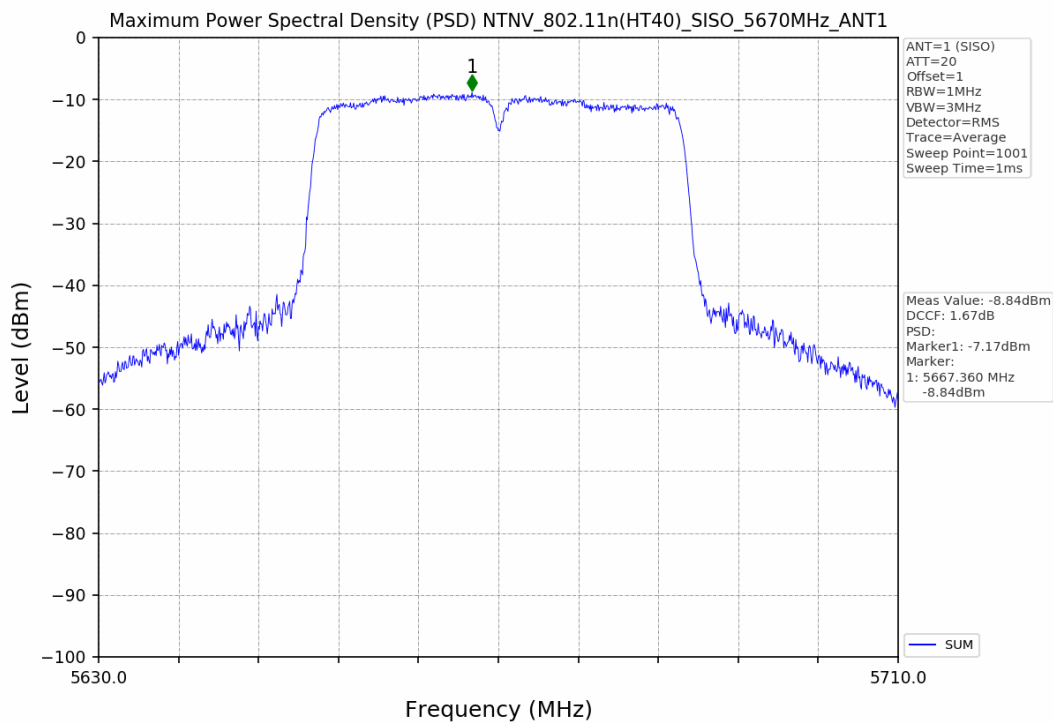


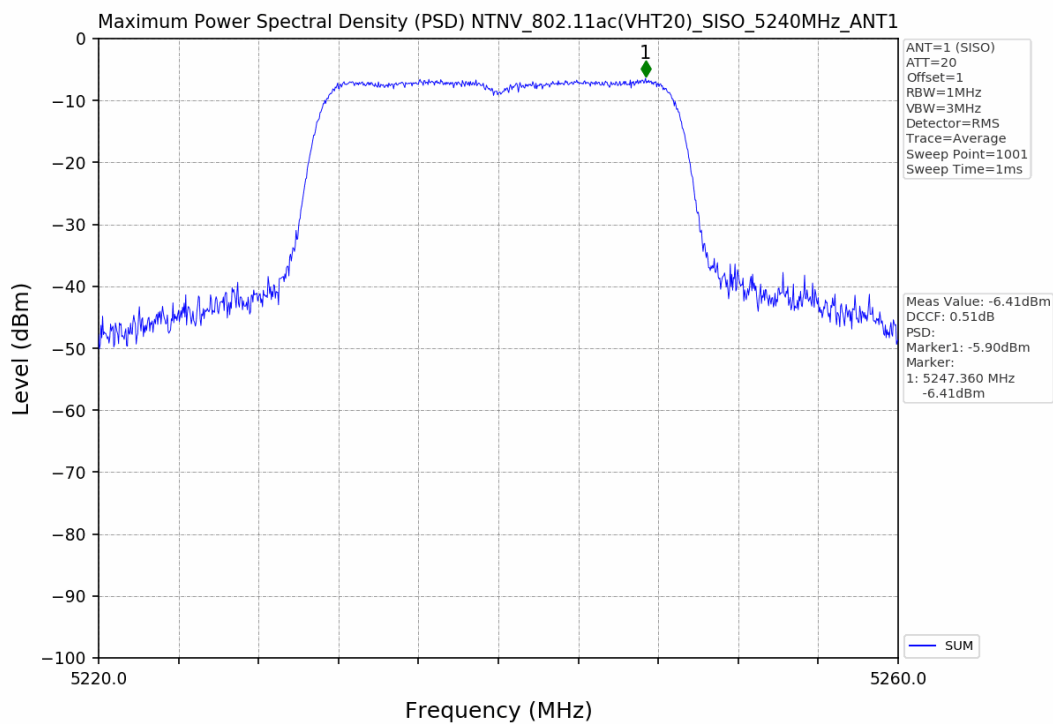
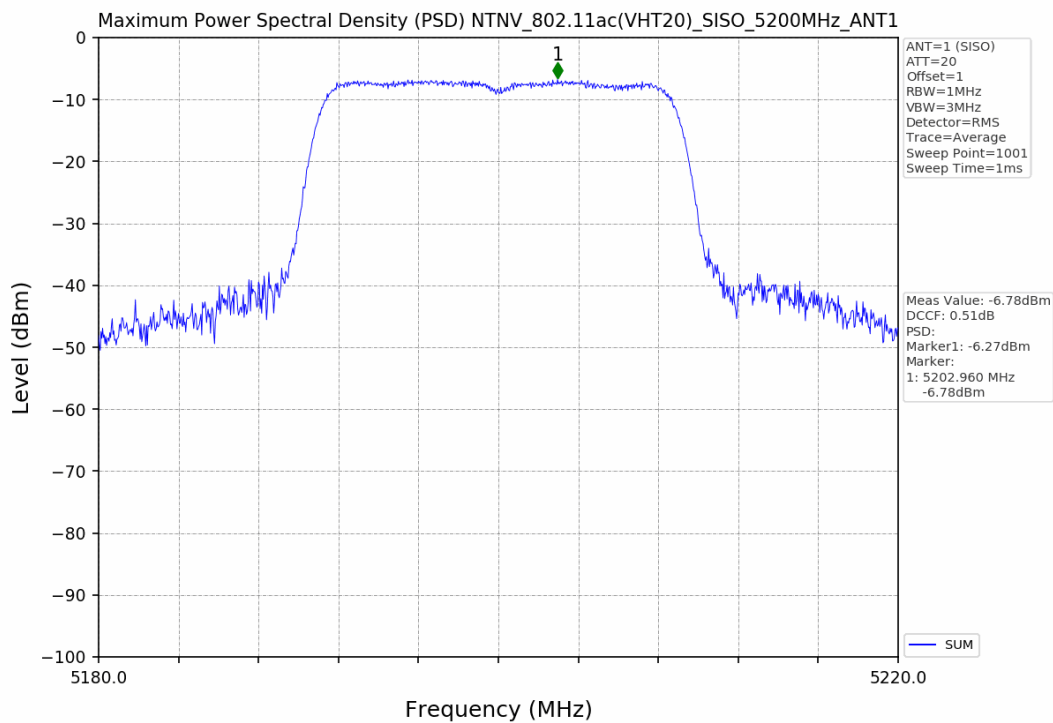


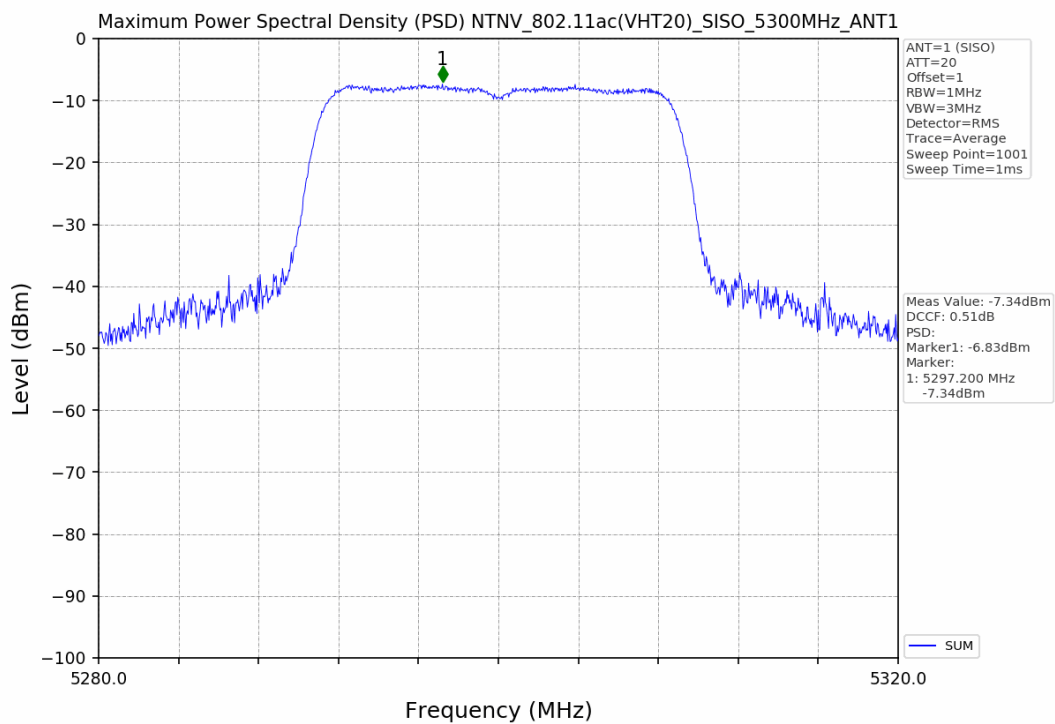
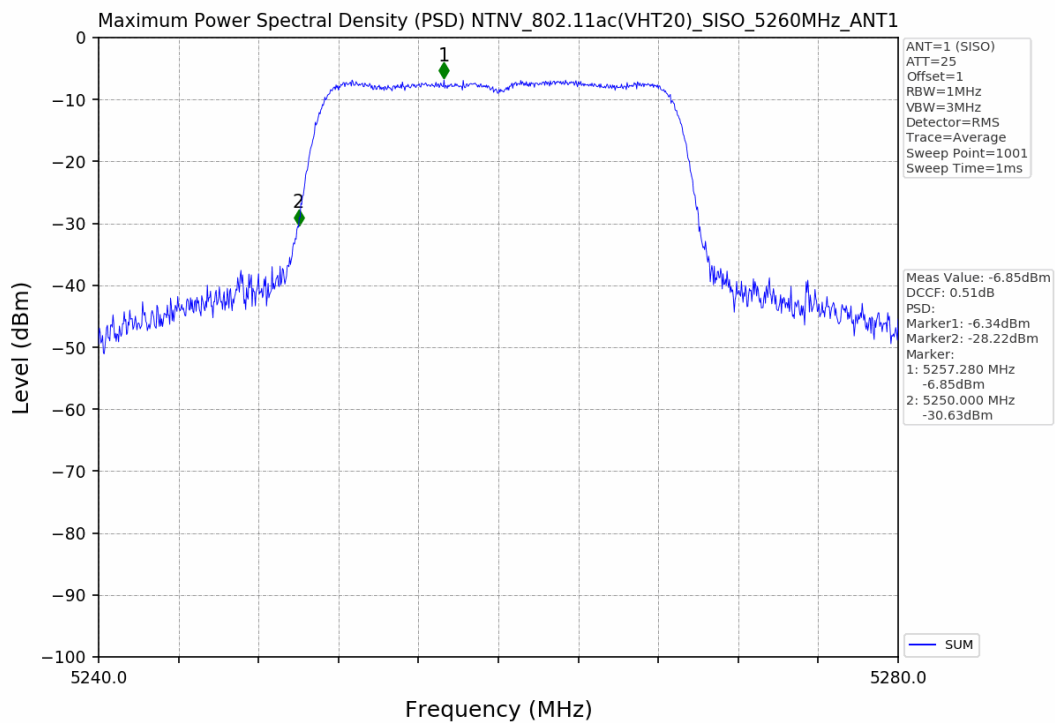


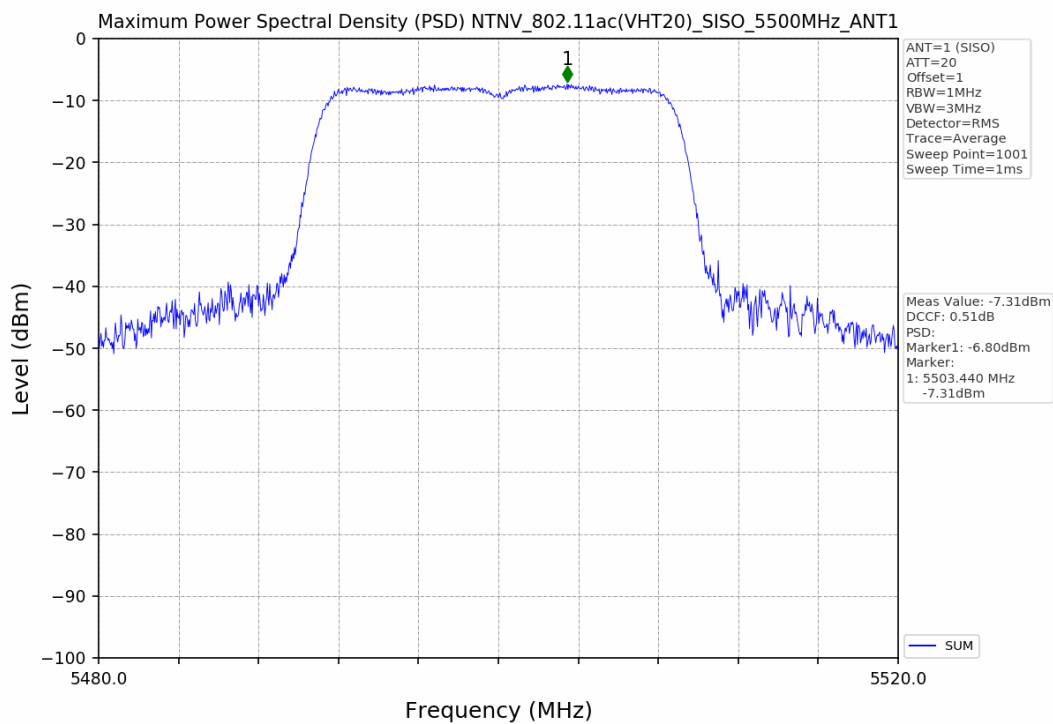
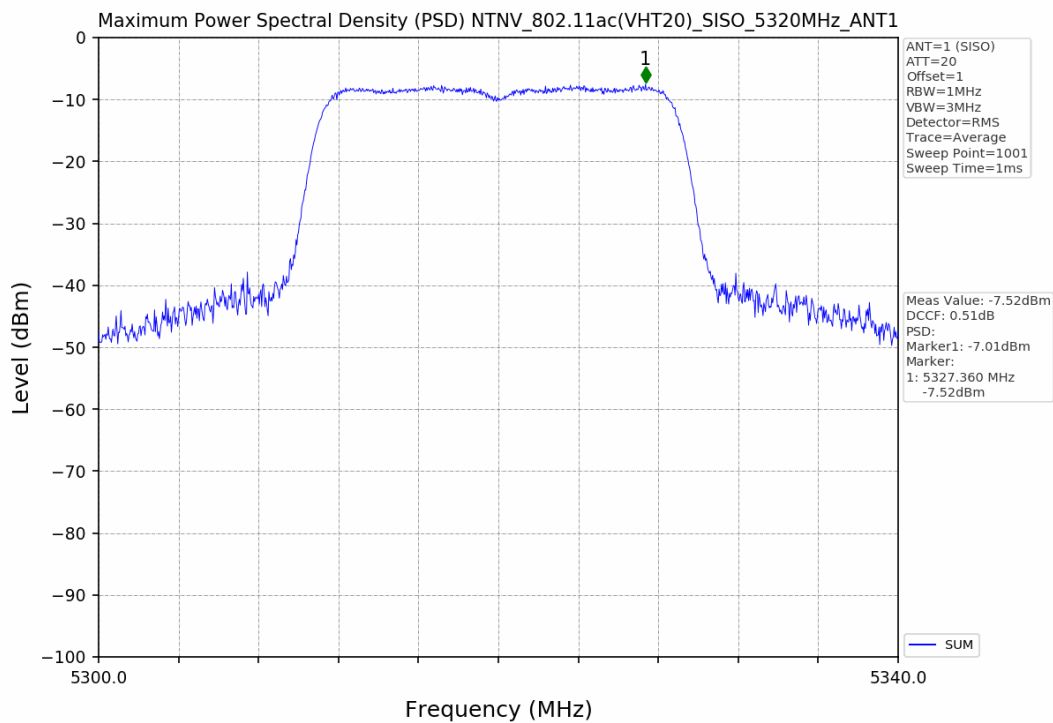


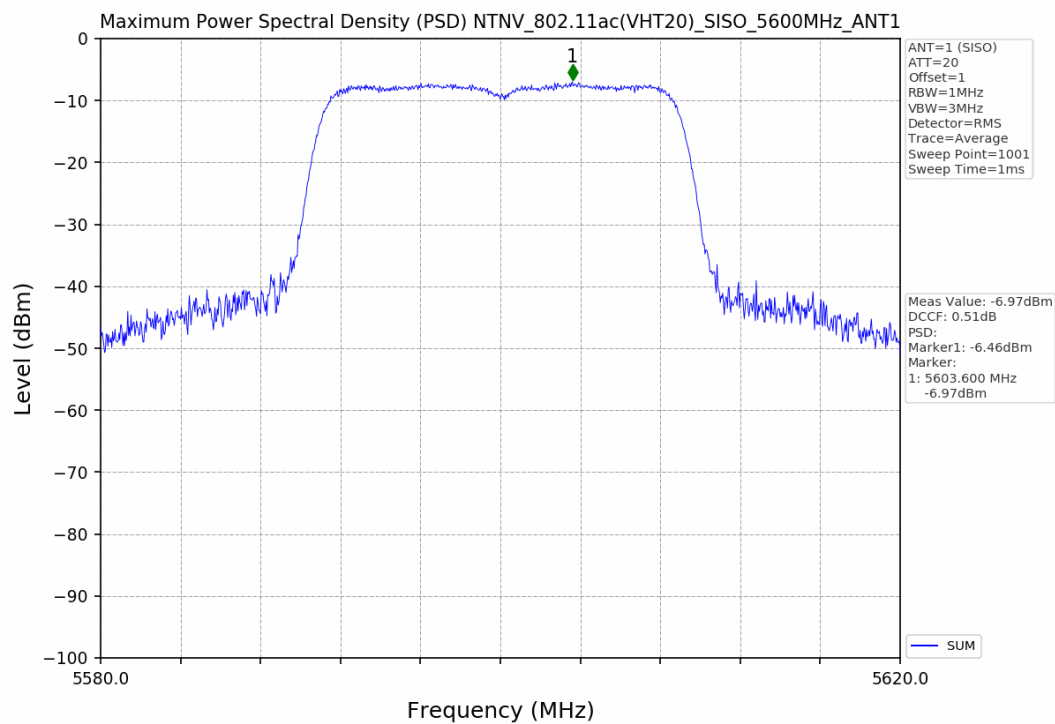
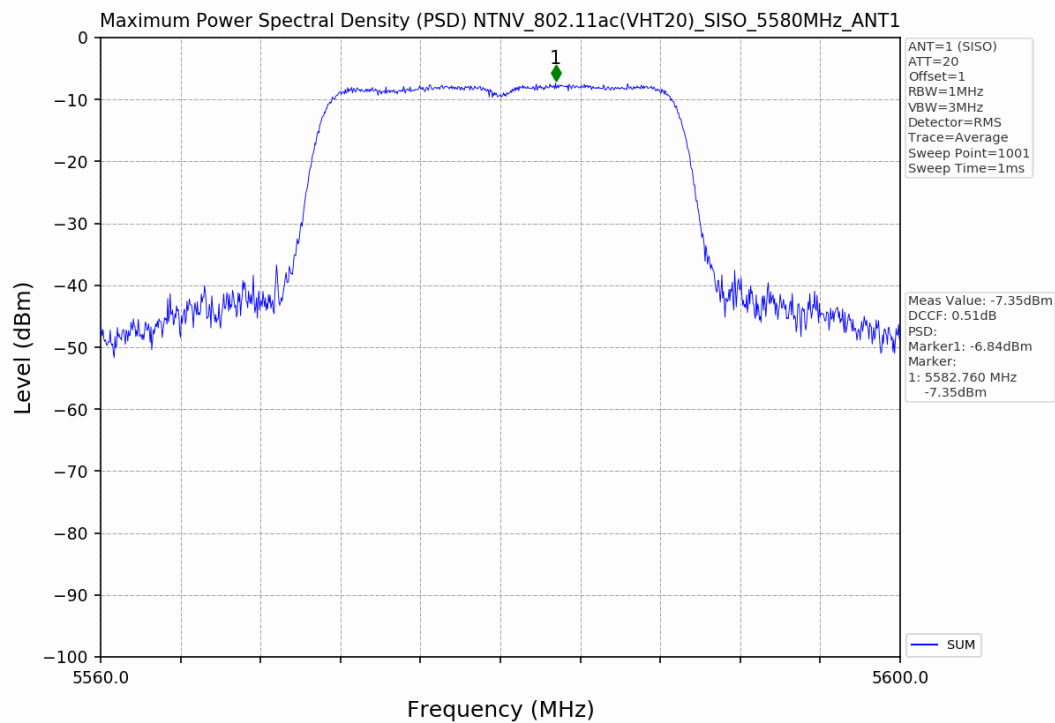


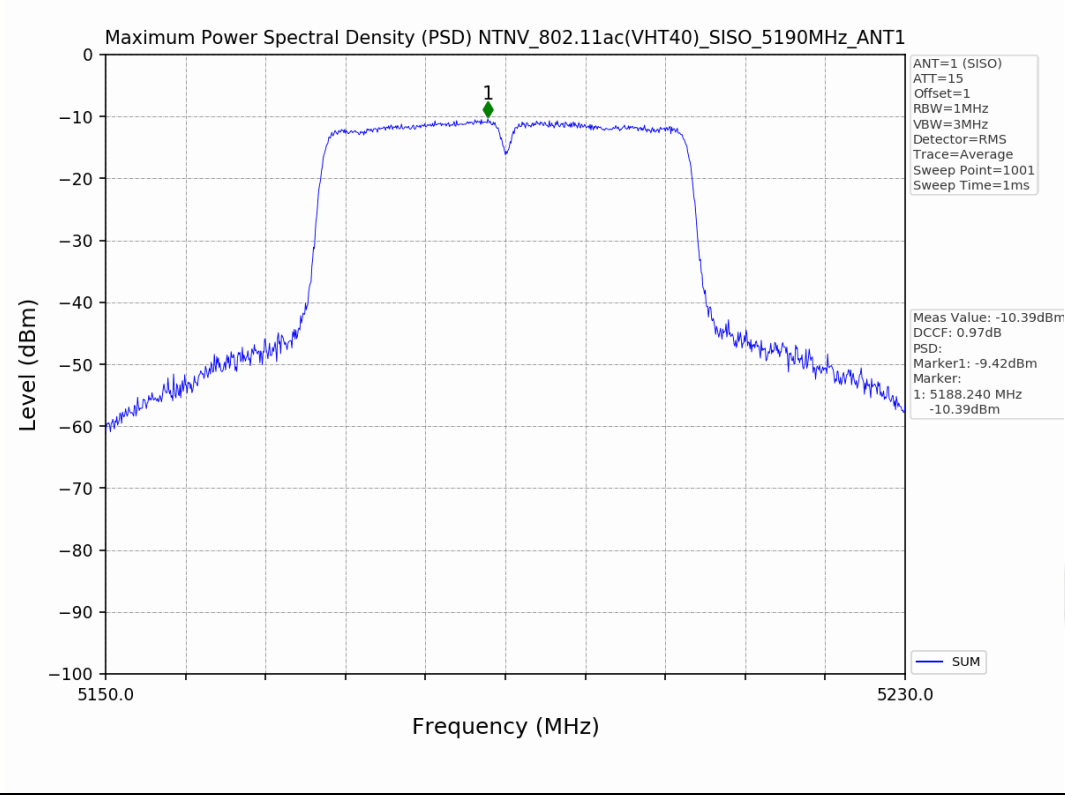
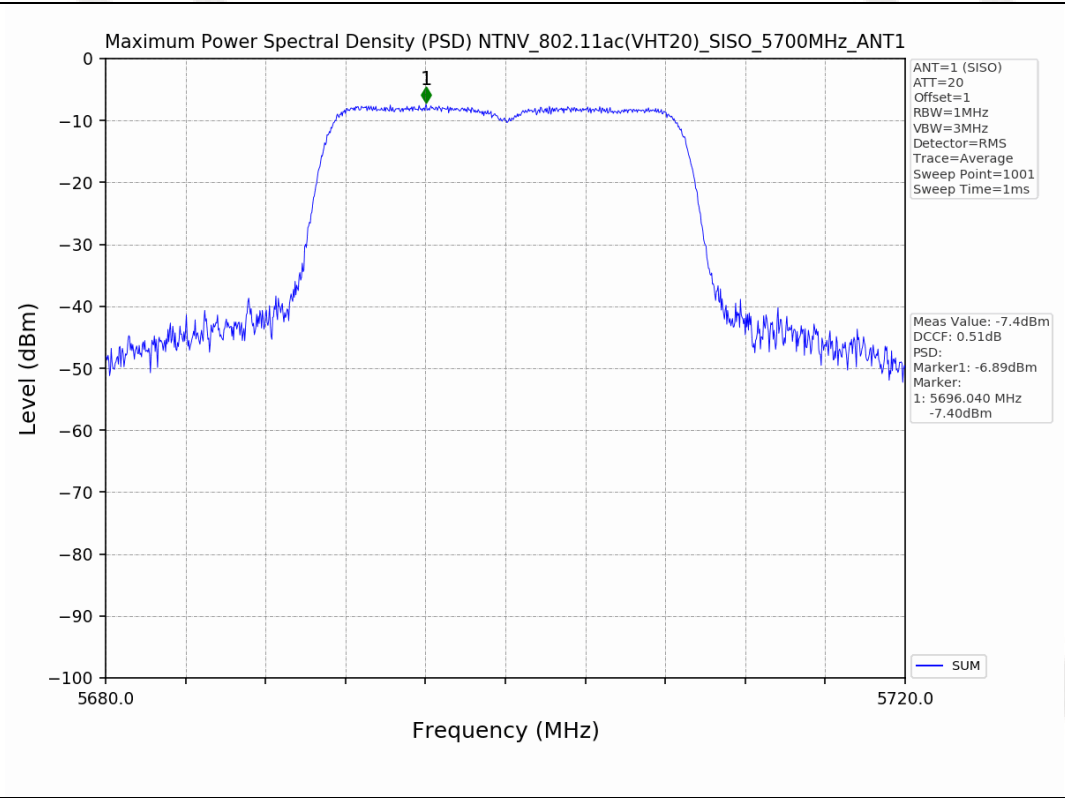


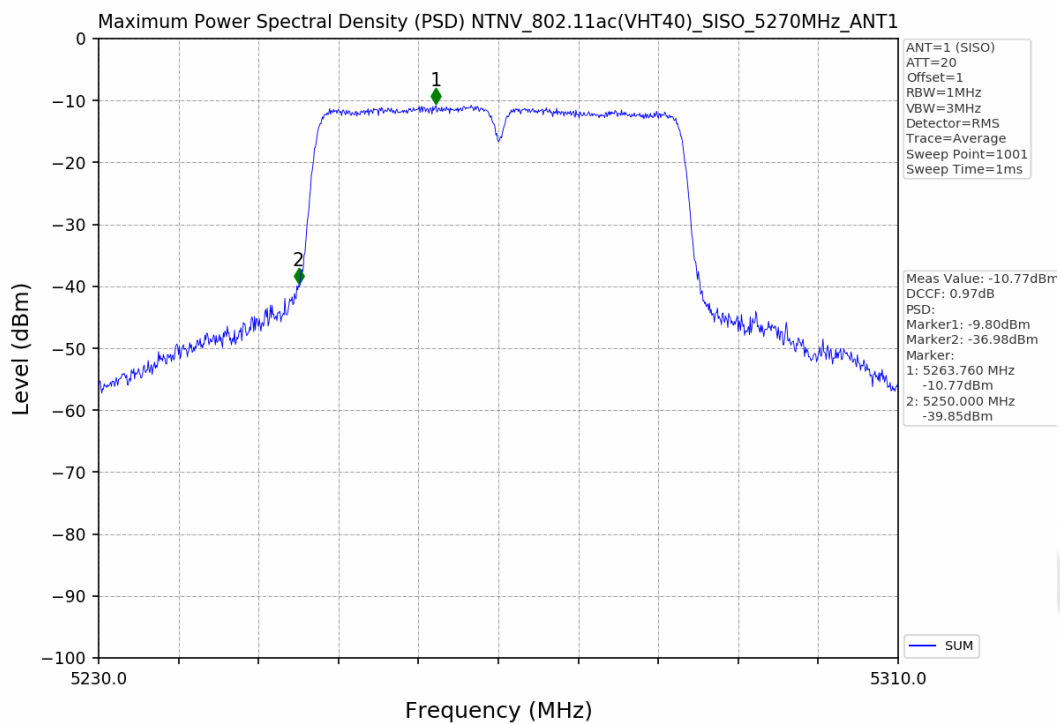
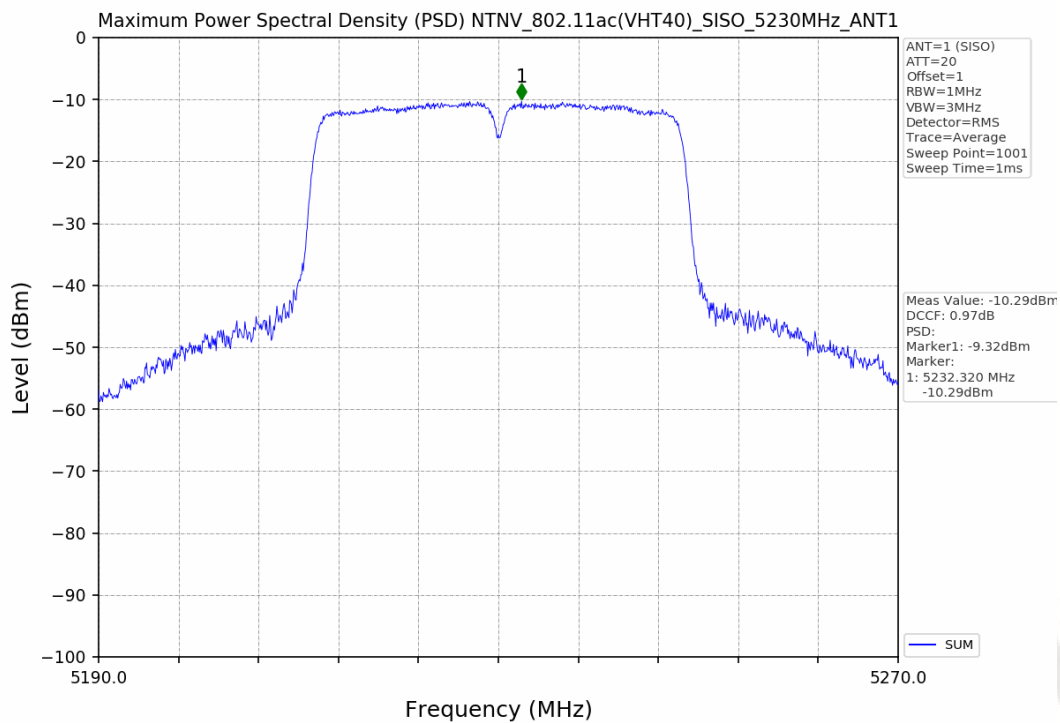


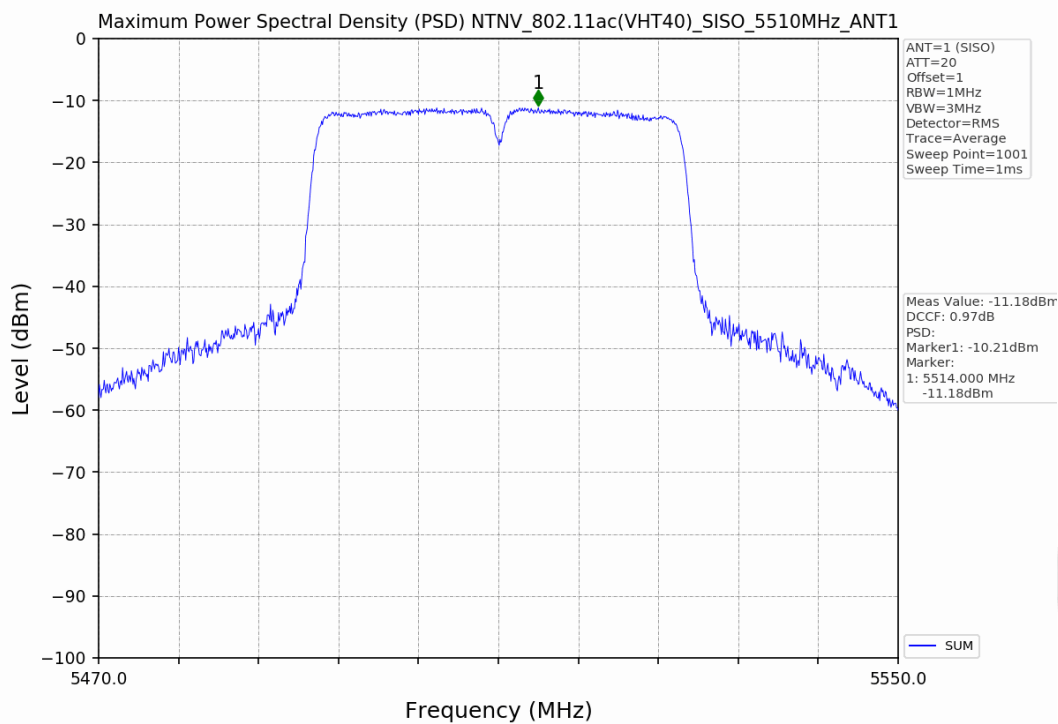
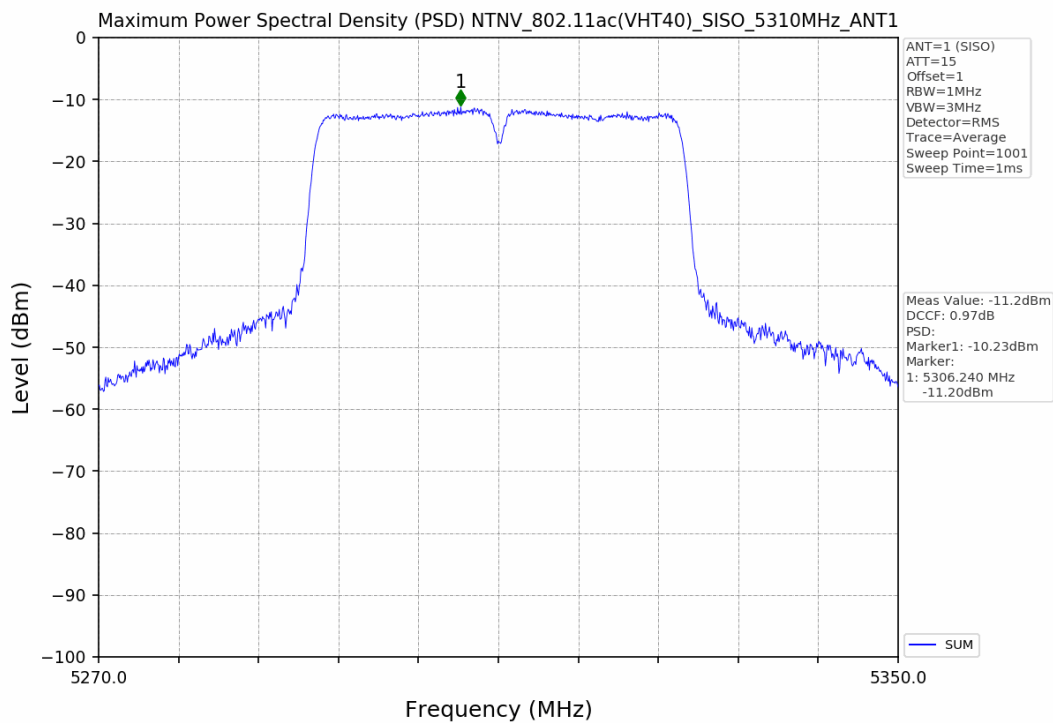


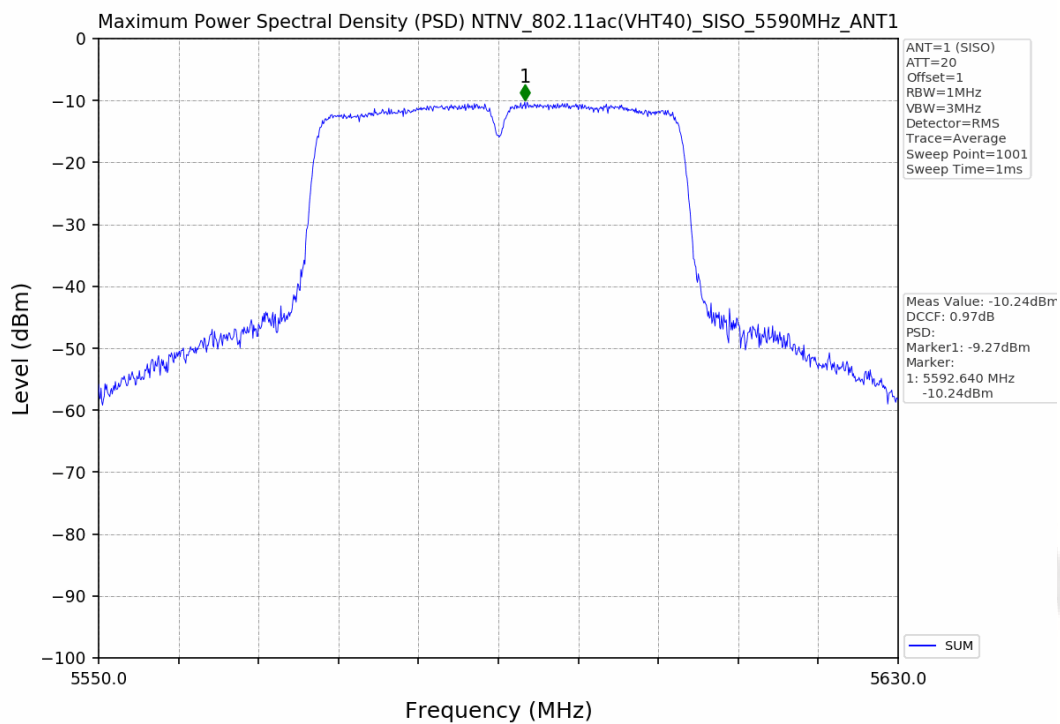
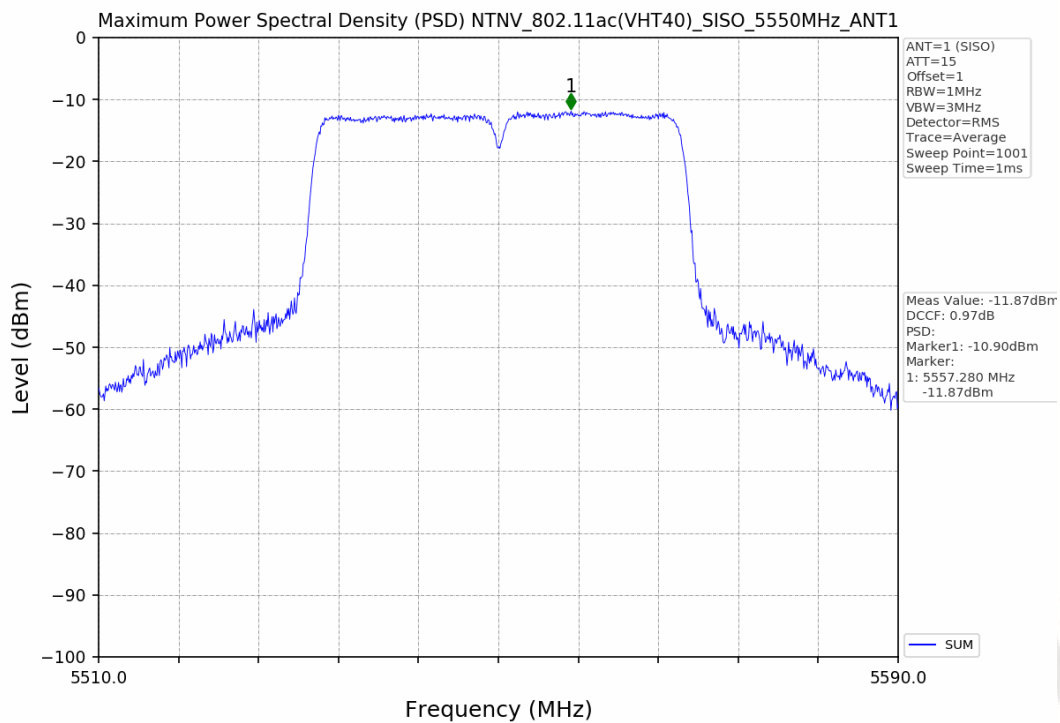


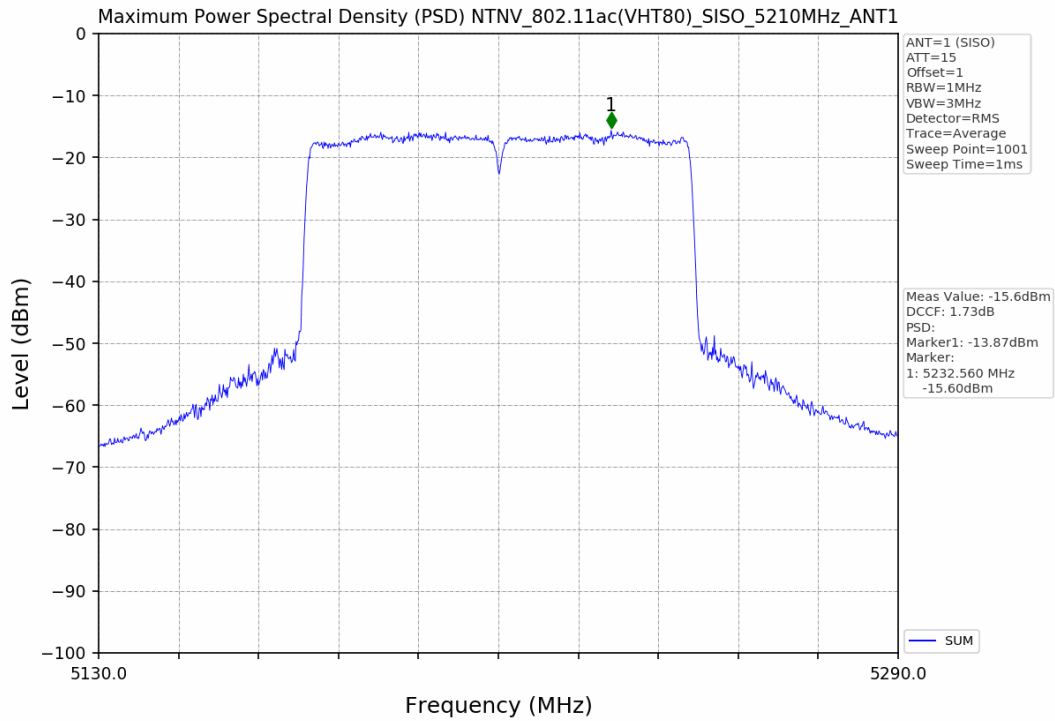
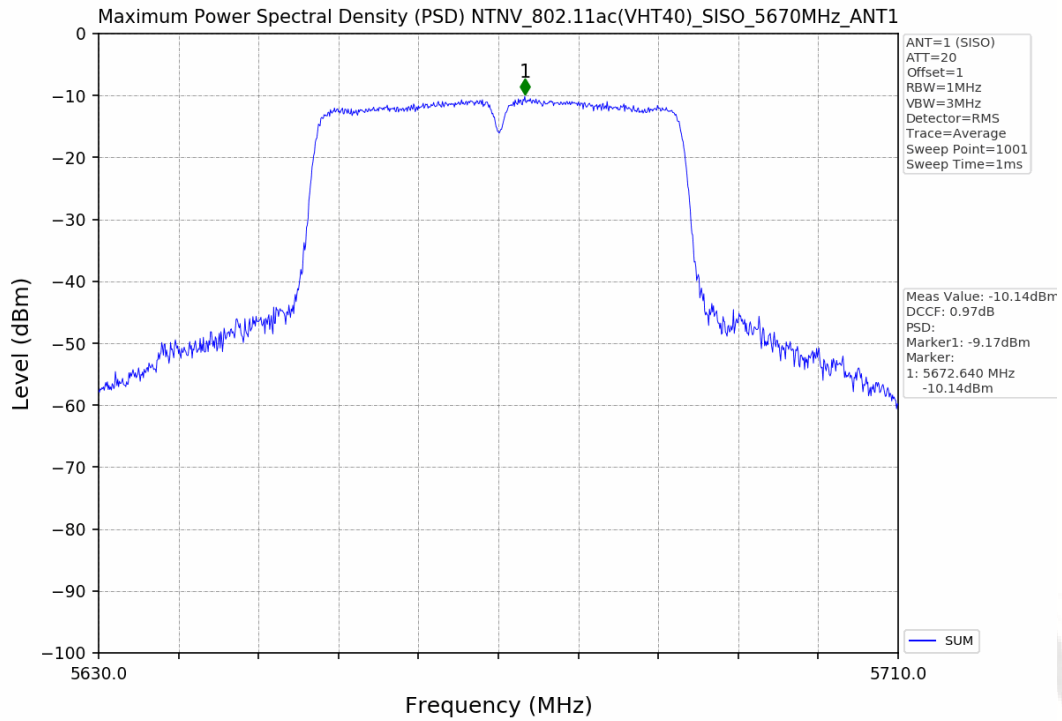


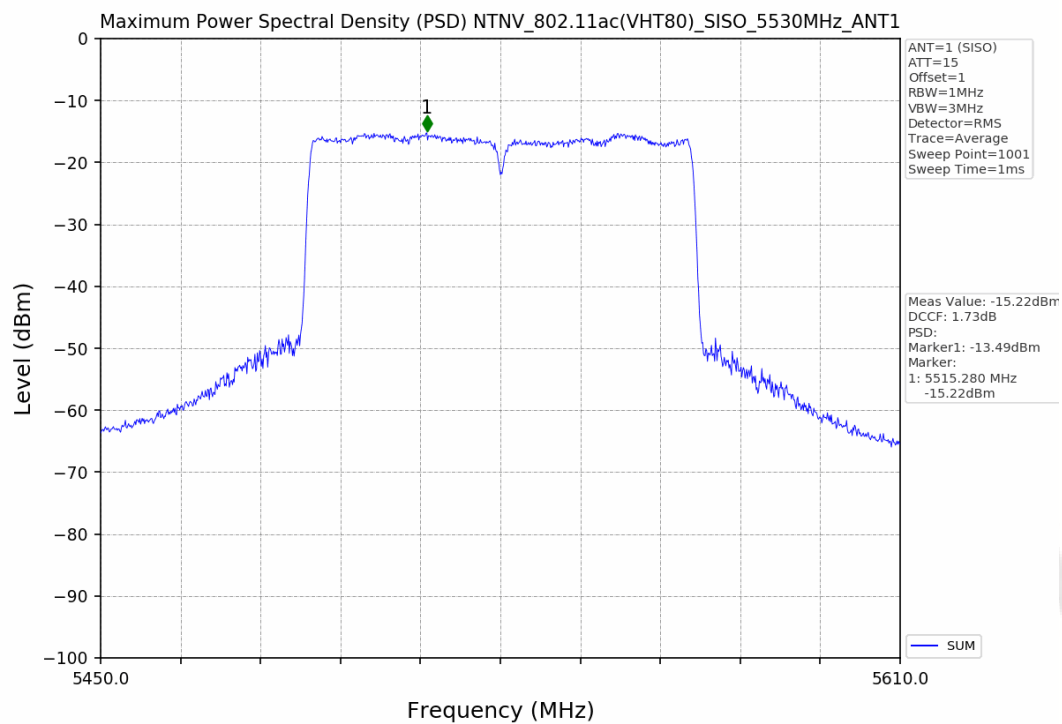
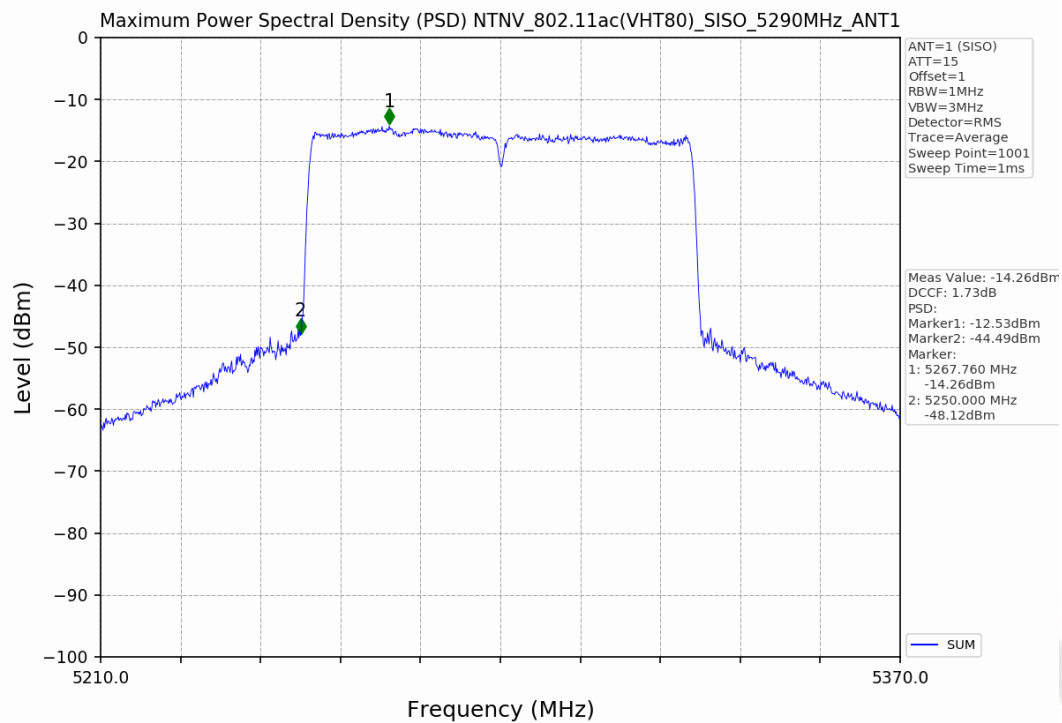


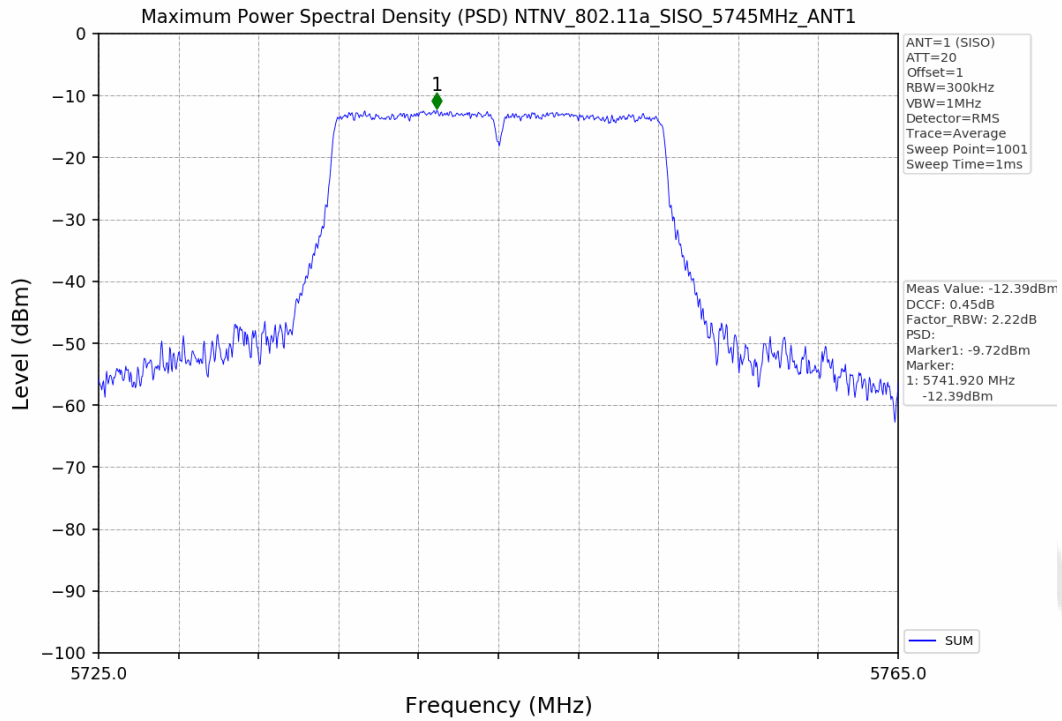
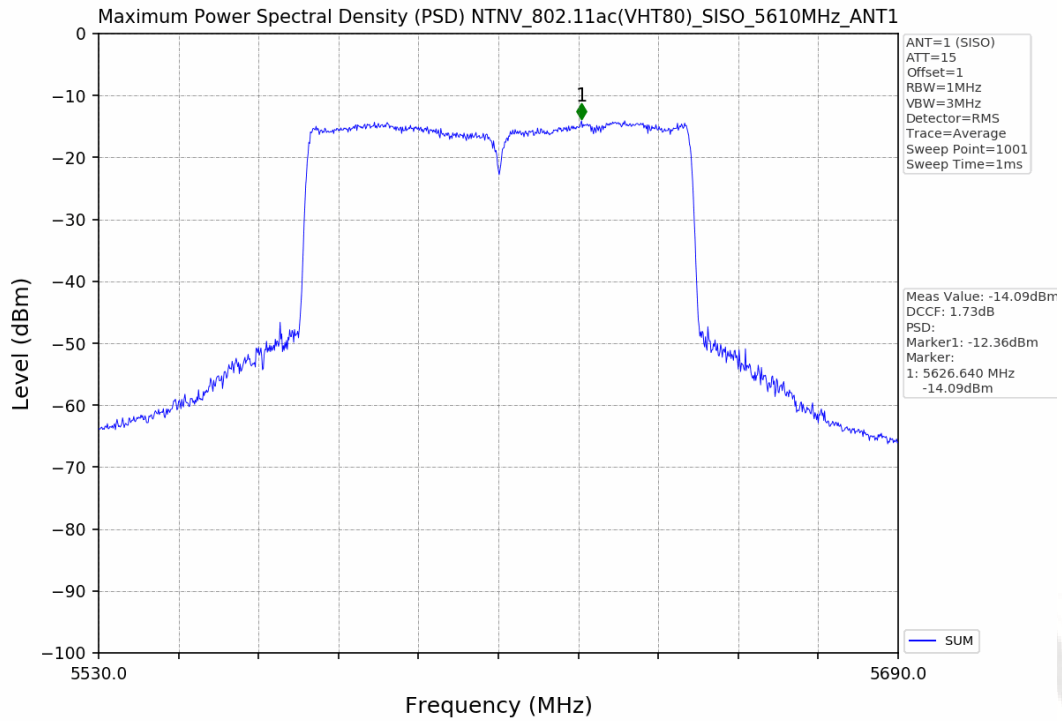


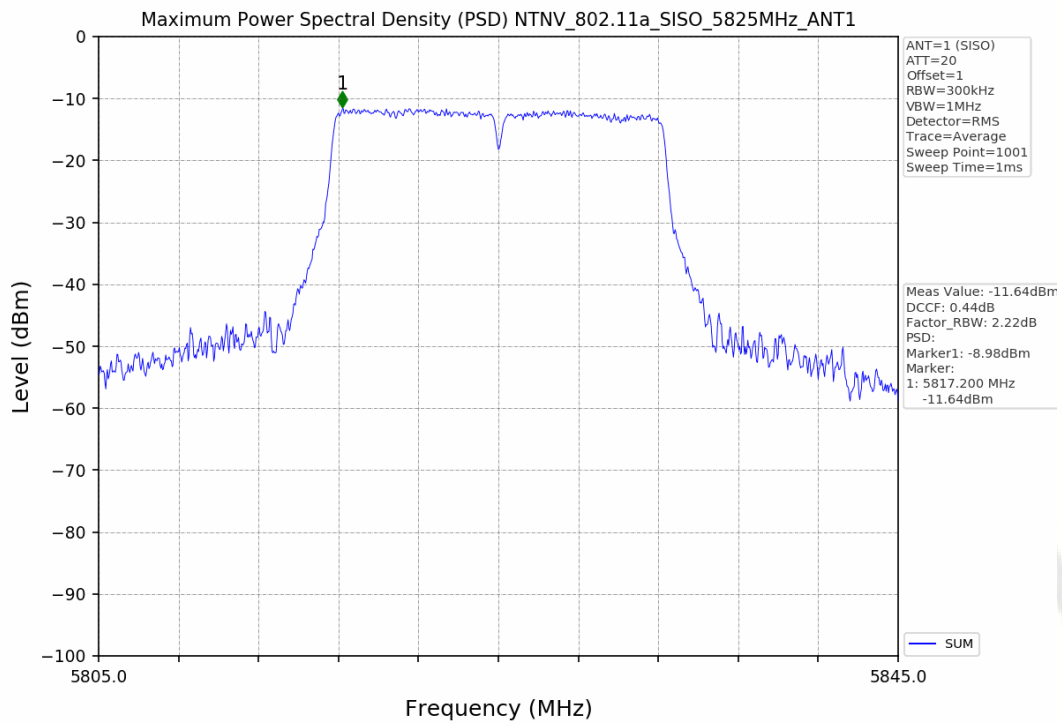
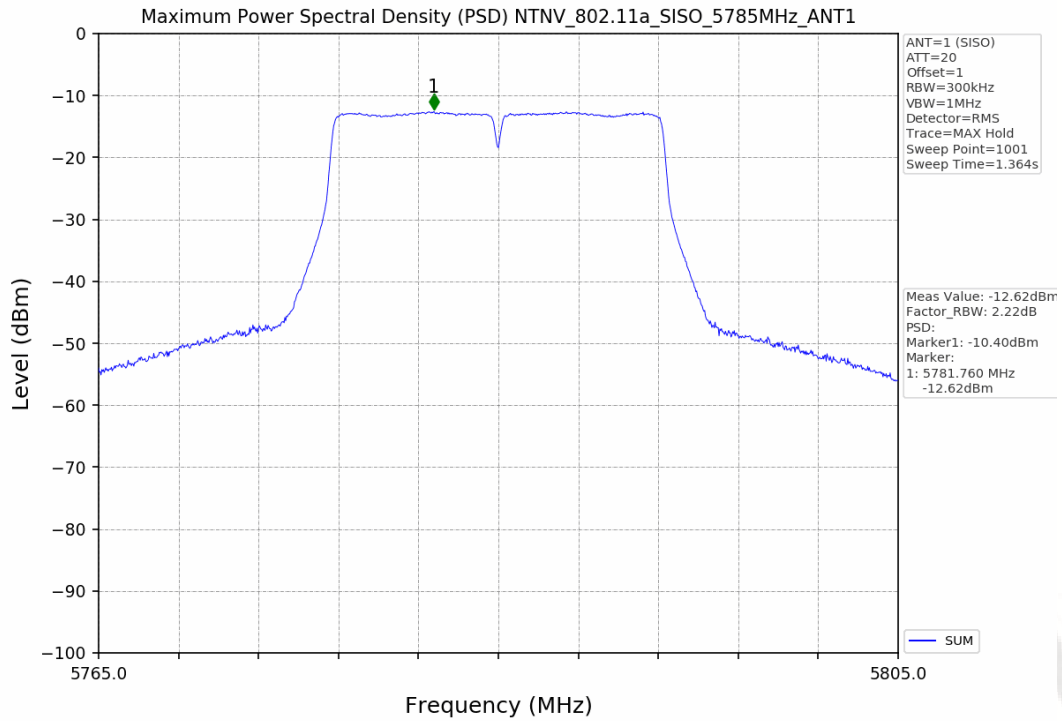


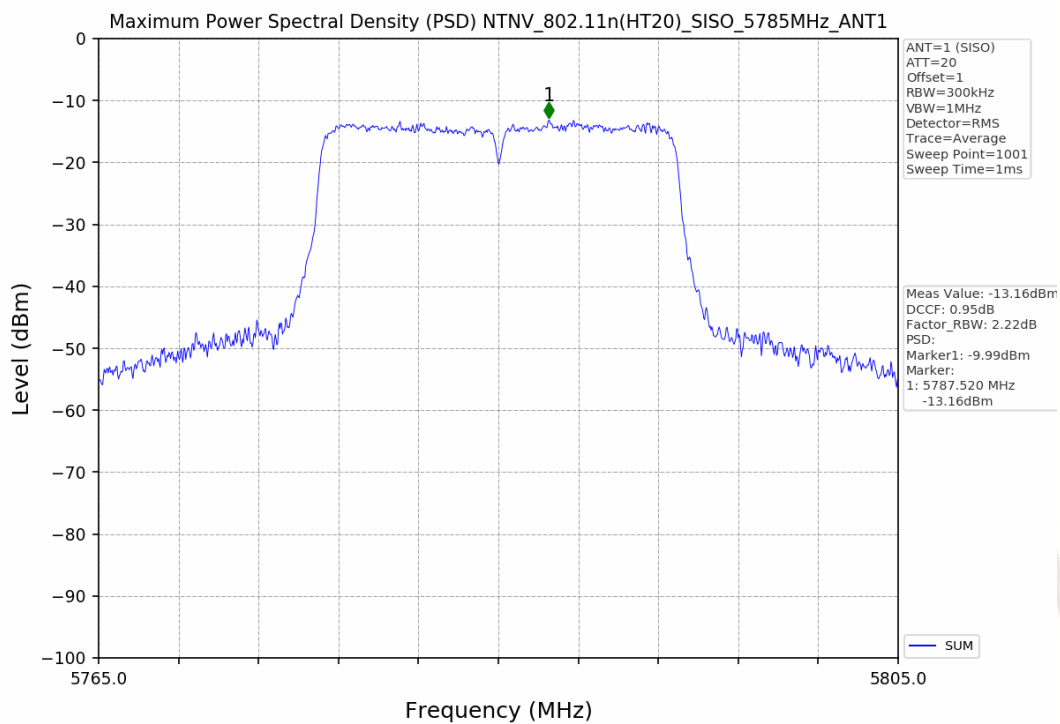
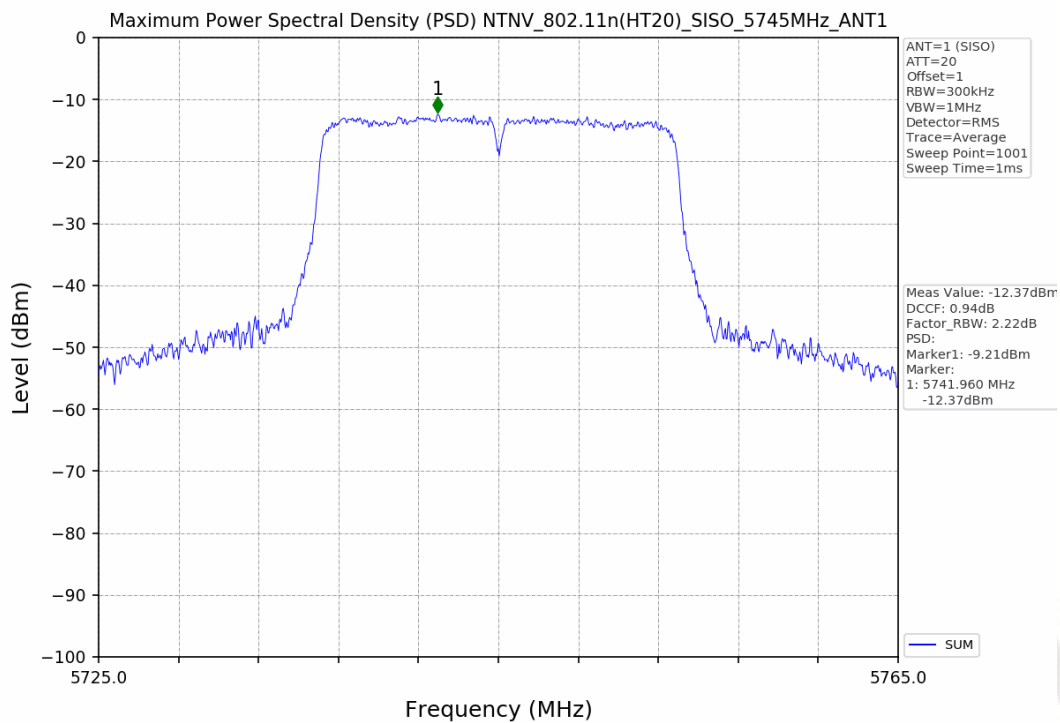


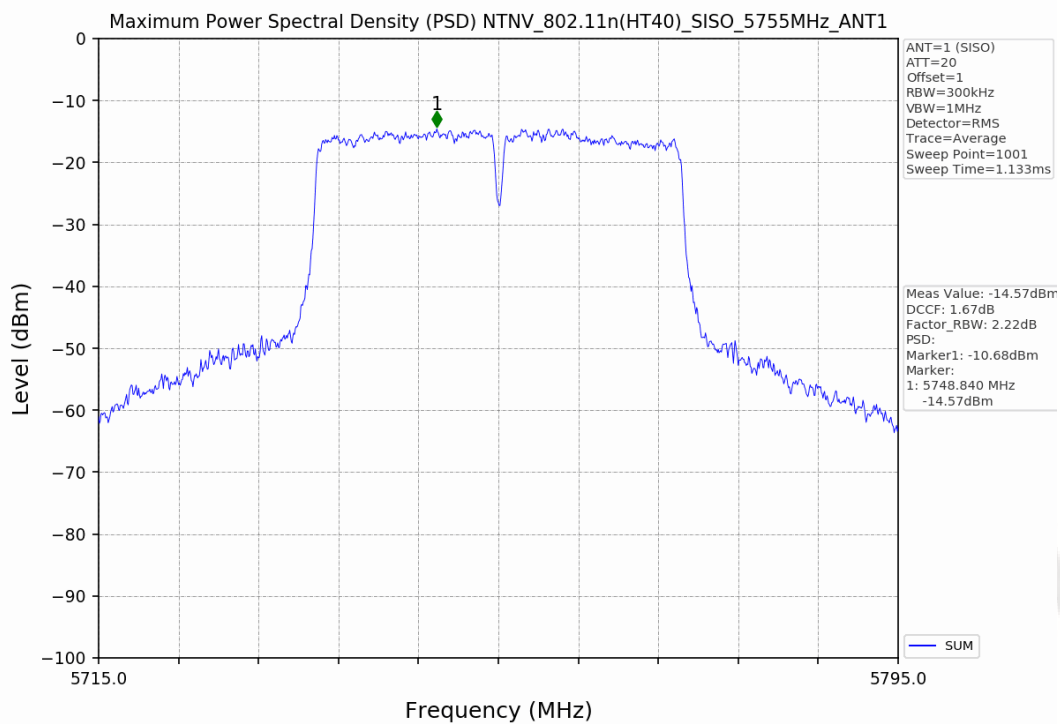
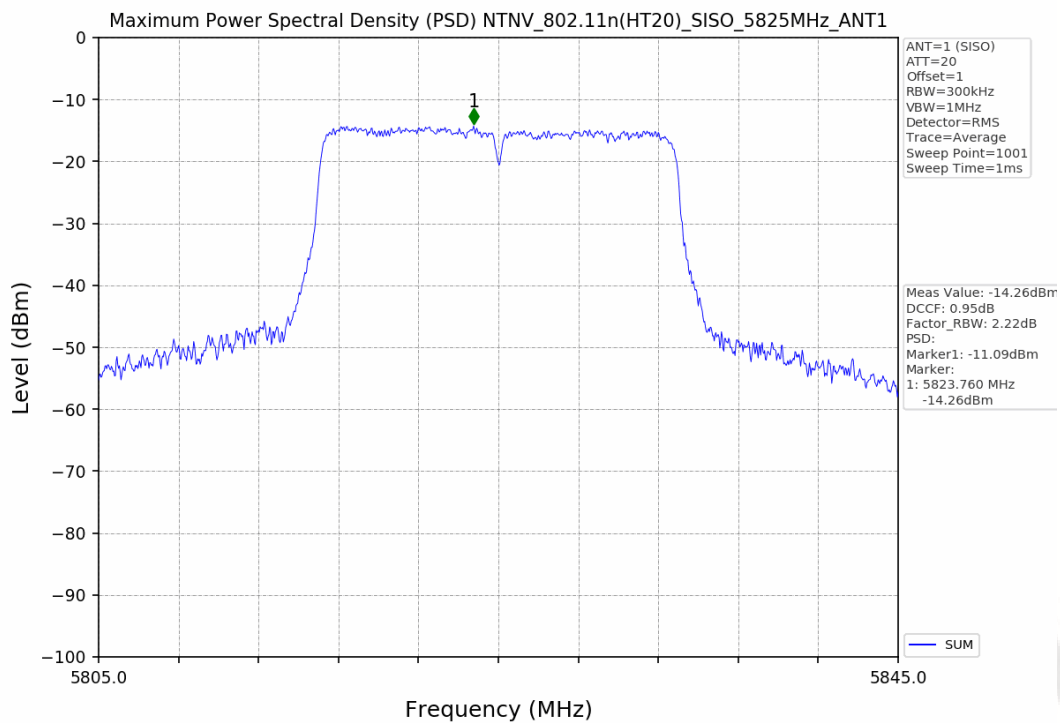


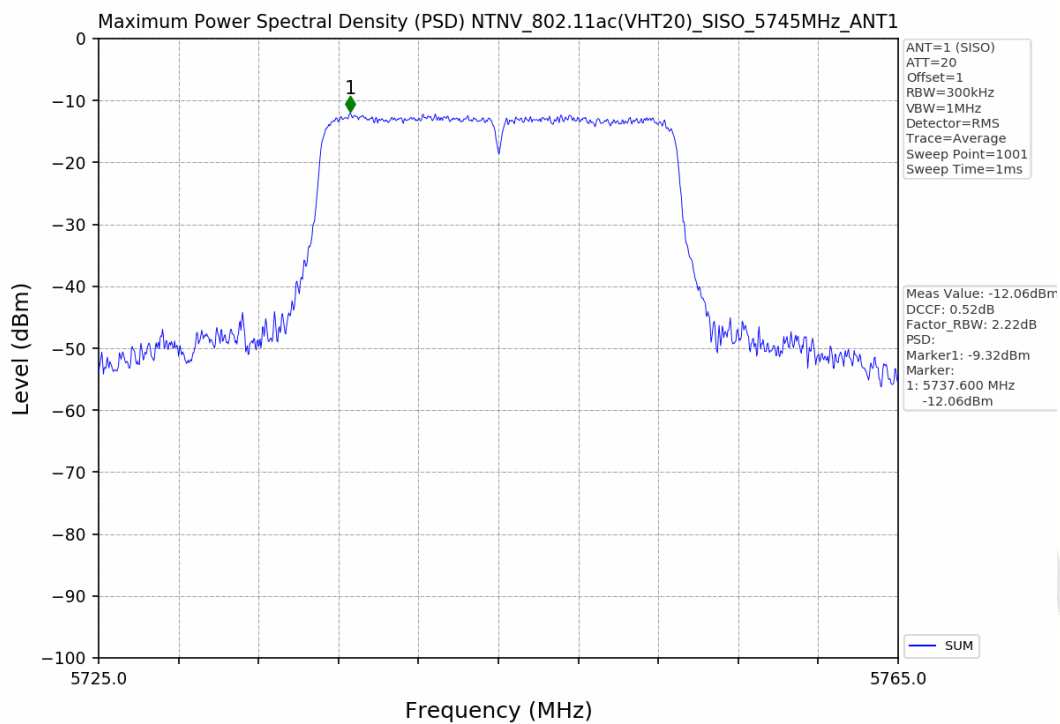
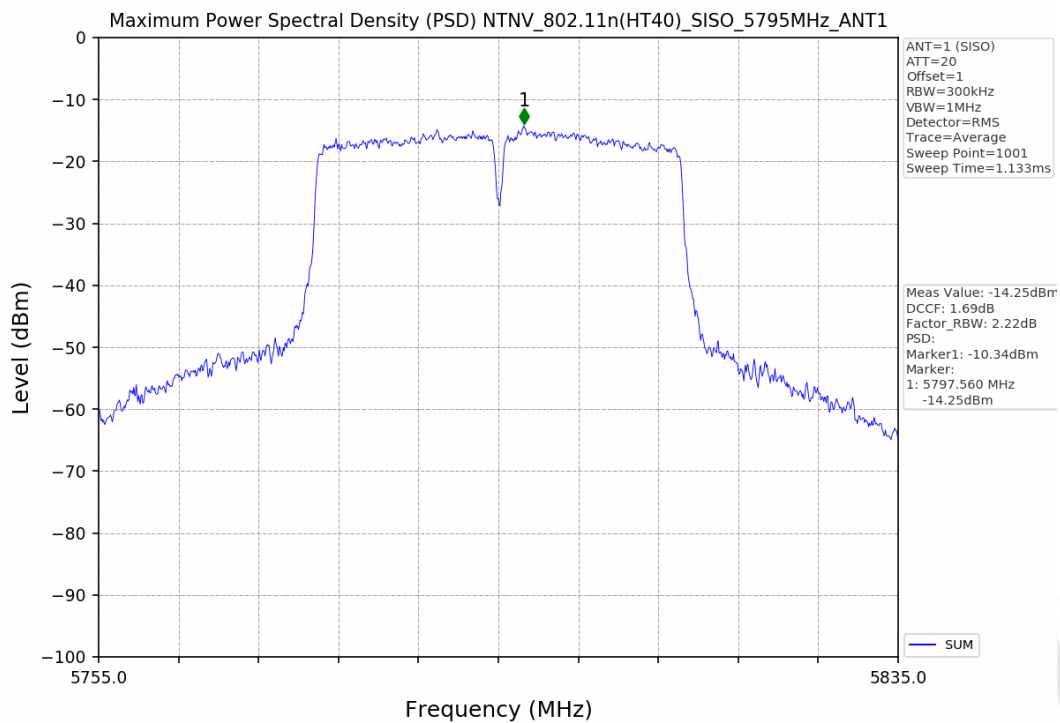


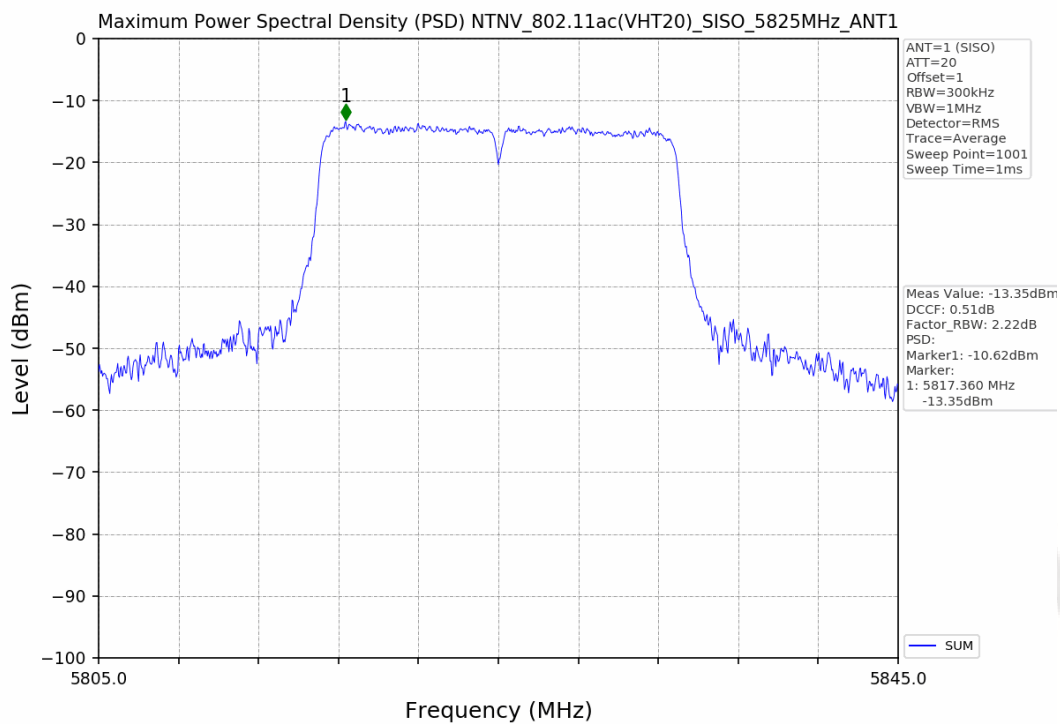
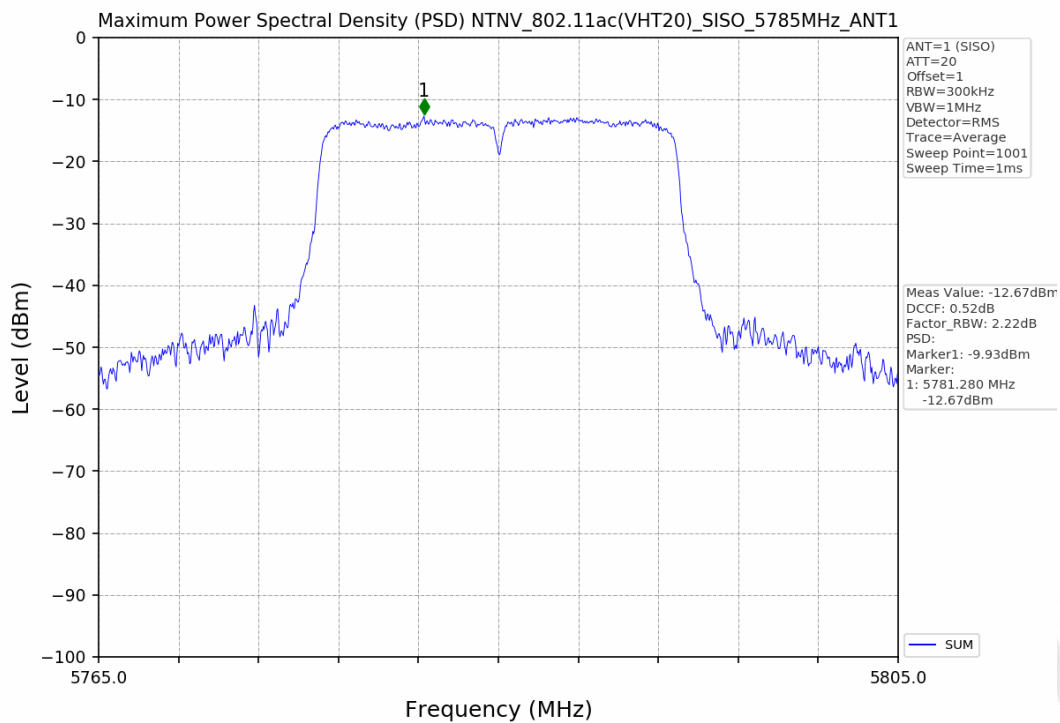


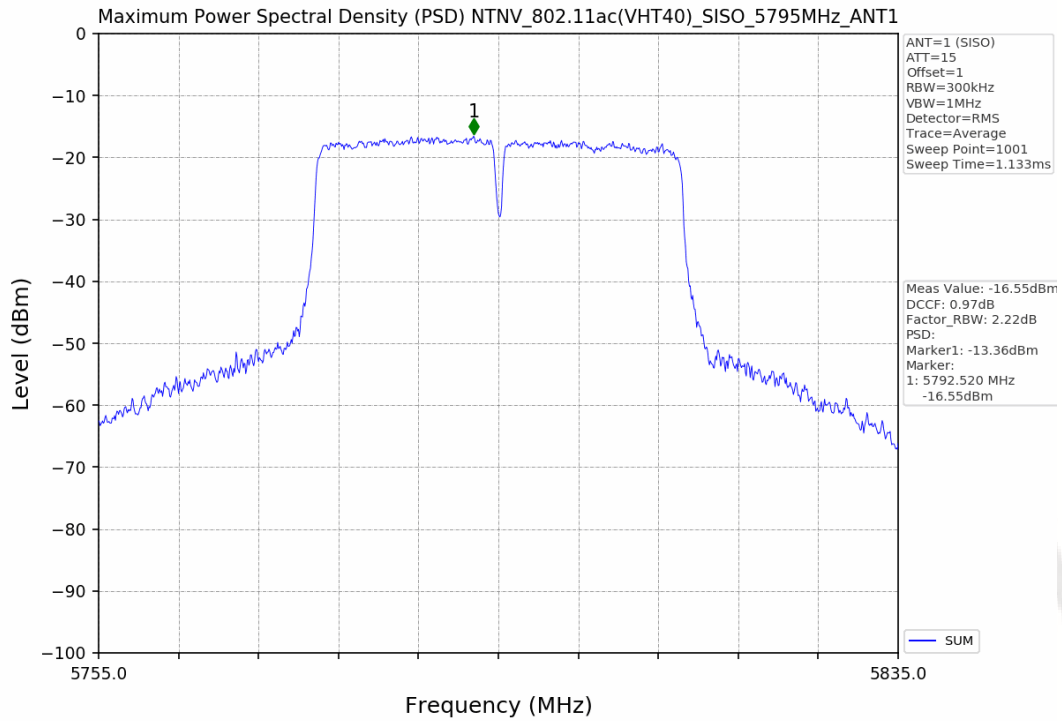
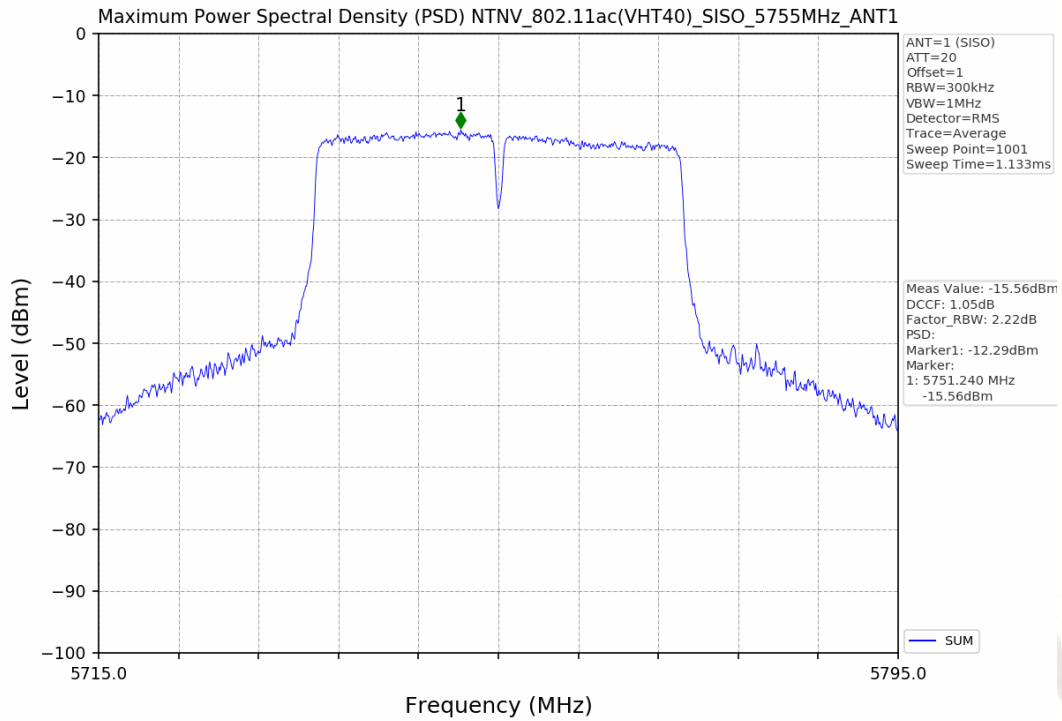


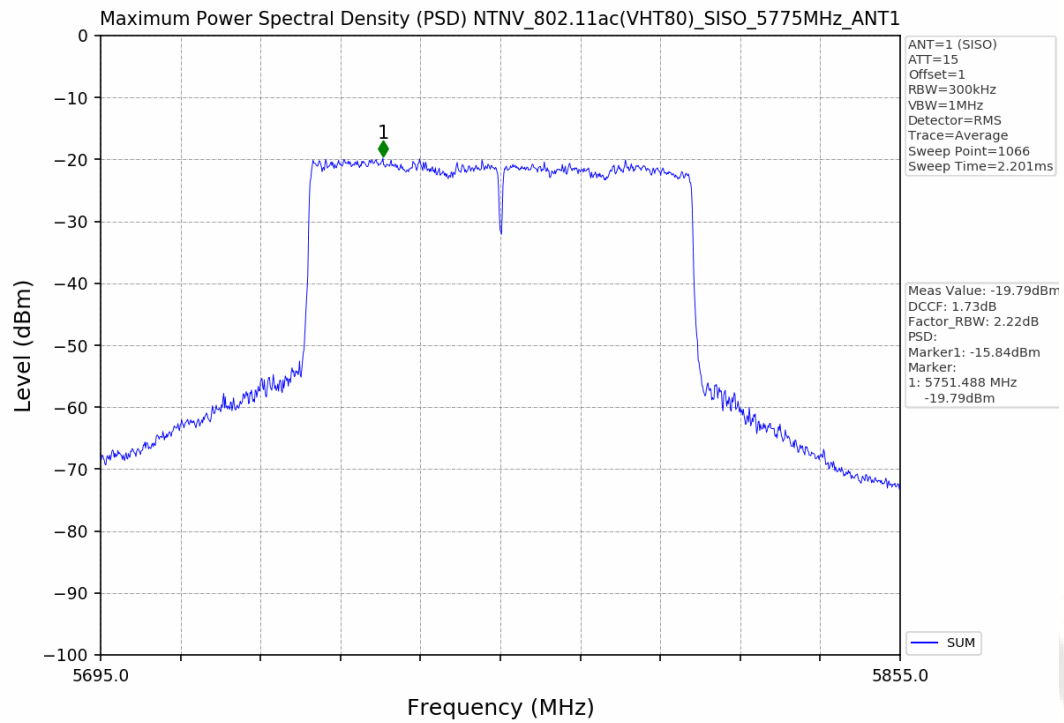












4. Frequency Stability

4.1 Test Result

Reference Frequency: 802.11ac channel=36 frequency=5180MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
5.00	-30	45.6	8.80	Within the band of operation	Pass
	-20	66.7	12.88		
	-10	79.4	15.33		
	0	83.2	16.06		
	10	83.7	16.16		
	20	65.7	12.68		
	30	52.8	10.19		
	40	56.8	10.97		
	50	50.1	9.67		
5.50	25	90.6	17.49	Within the band of operation	Pass
4.50	25	45.6	8.80		

Reference Frequency: 802.11ac channel=52 frequency=5260MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
5.00	-30	56.0	10.81	Within the band of operation	Pass
	-20	67.0	12.93		
	-10	55.0	10.62		
	0	54.2	10.46		
	10	53.3	10.29		
	20	91.9	17.74		
	30	59.3	11.45		
	40	45.2	8.73		
	50	51.3	9.90		
5.50	25	94.3	18.20	Within the band of operation	Pass
4.50	25	42.6	8.22		

Reference Frequency: 802.11ac channel=100 frequency=5500MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
5.00	-30	69.5	13.42	Within the band of operation	Pass
	-20	98.0	18.92		
	-10	86.1	16.62		

	0	53.7	10.37		
	10	61.2	11.81		
	20	45.8	8.84		
	30	74.8	14.44		
	40	44.0	8.49		
	50	79.2	15.29		
5.50	25	72.8	14.05		
4.50	25	76.6	14.79		

Reference Frequency: 802.11ac channel=149 frequency=5745MHz					
Voltage (V)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
5.00	-30	69.8	13.47	Within the band of operation	Pass
	-20	61.0	11.78		
	-10	76.6	14.79		
	0	83.2	16.06		
	10	72.3	13.96		
	20	71.1	13.73		
	30	81.6	15.75		
	40	99.5	19.21		
	50	65.6	12.66		
5.50	25	68.0	13.13		
4.50	25	93.7	18.09		