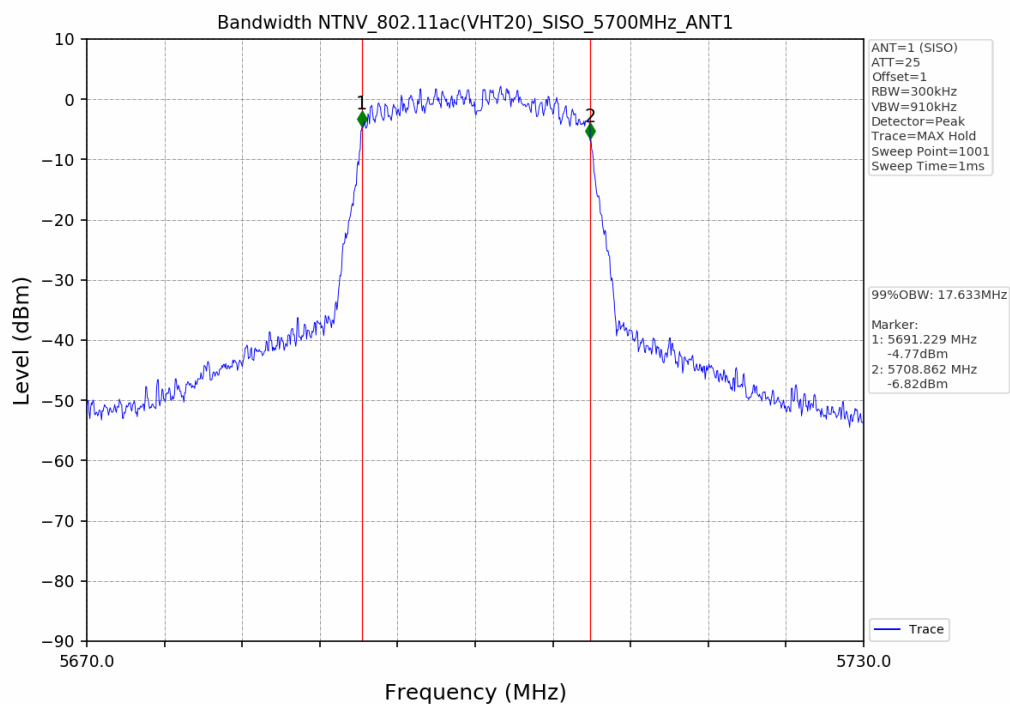
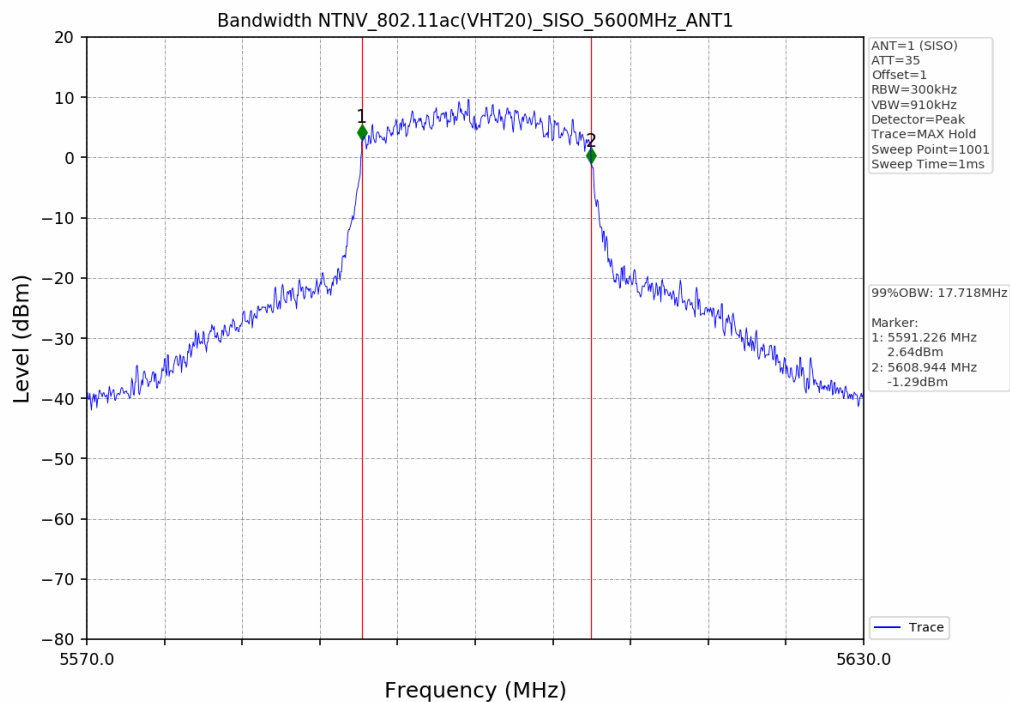
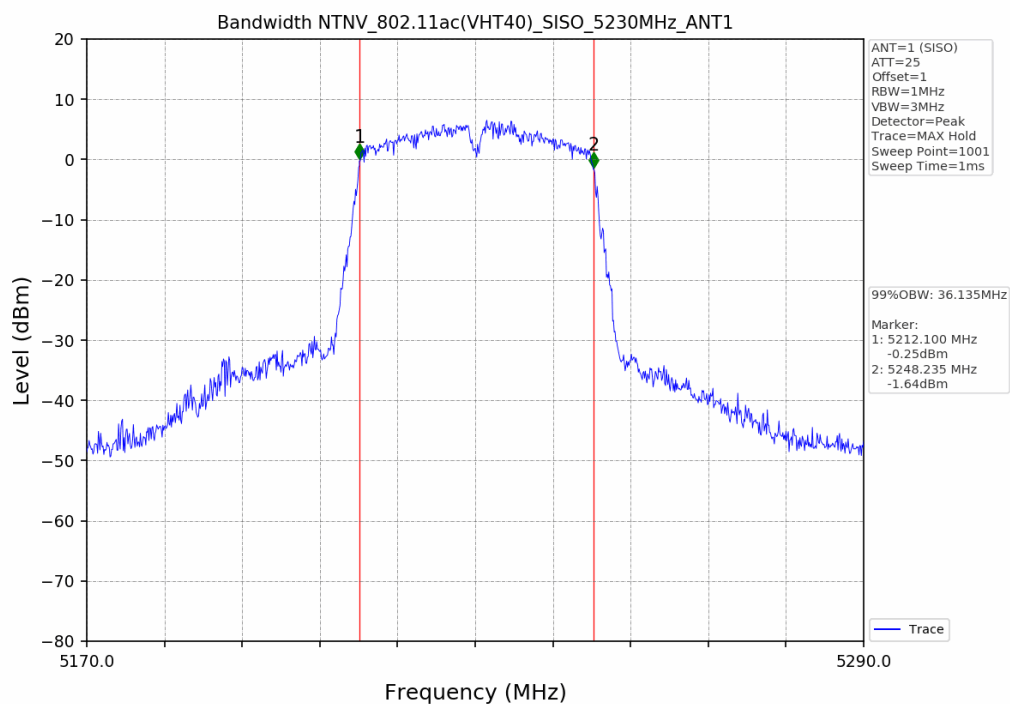
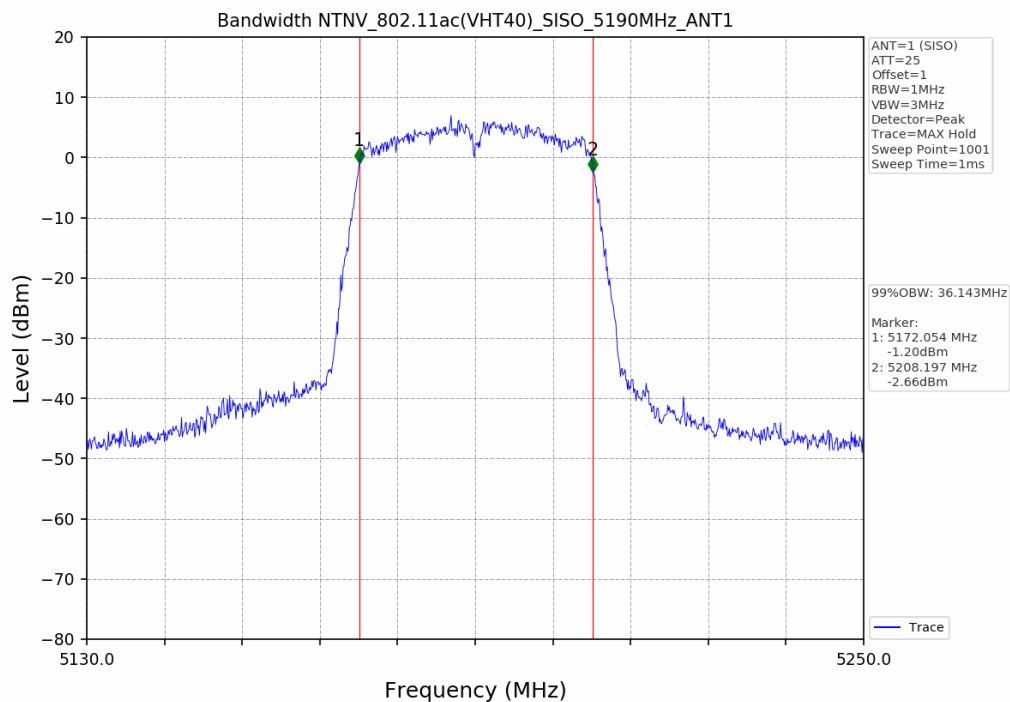
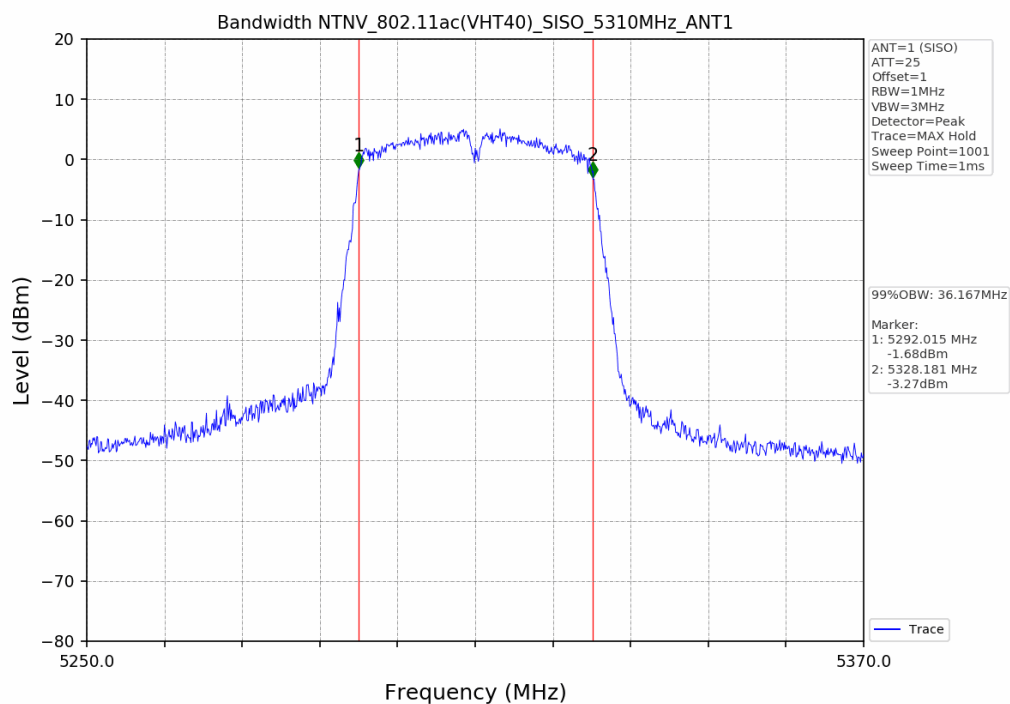
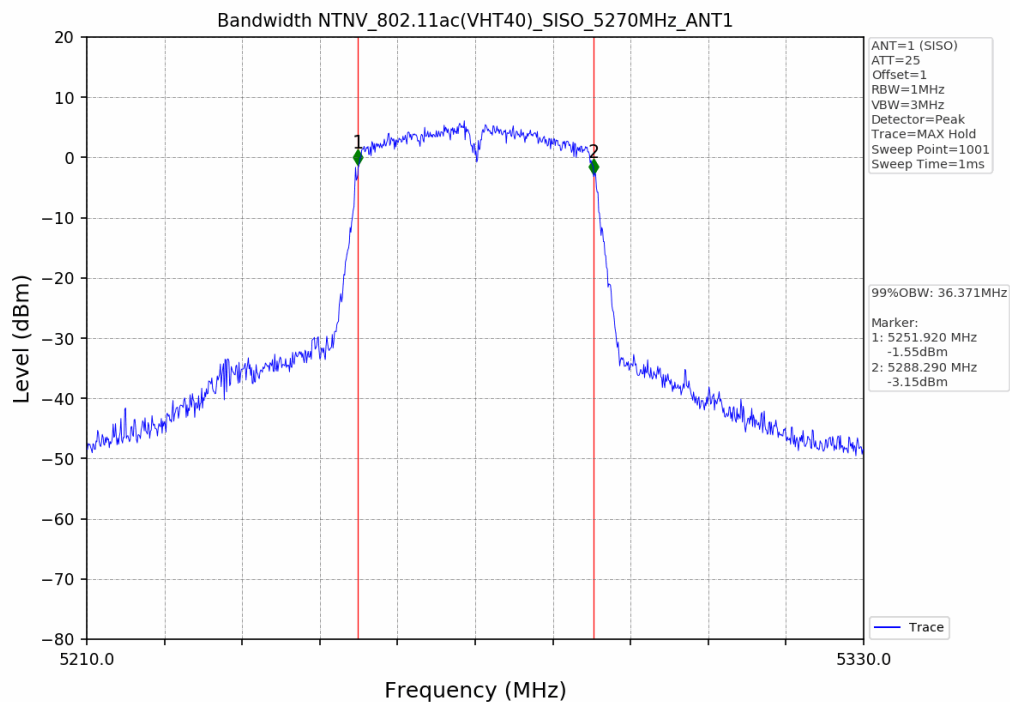
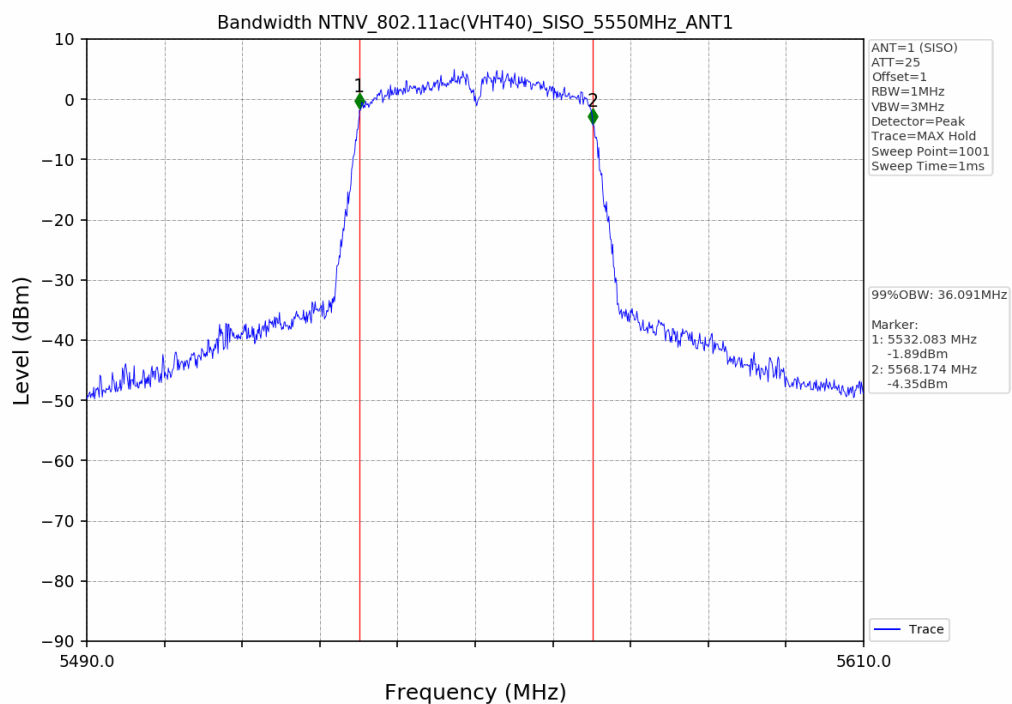
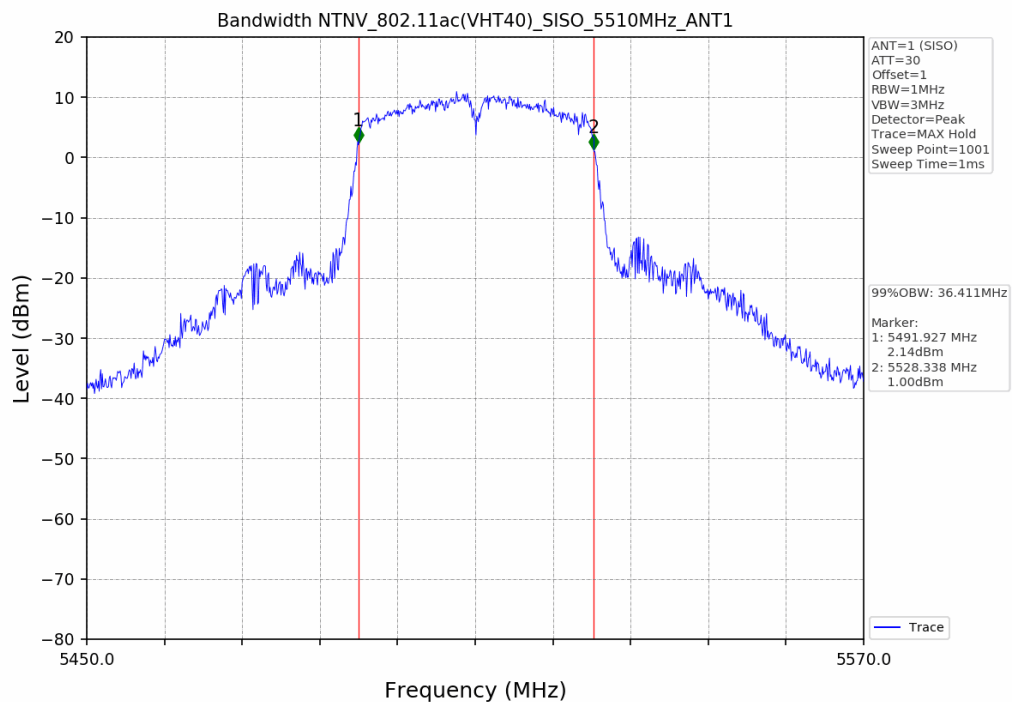
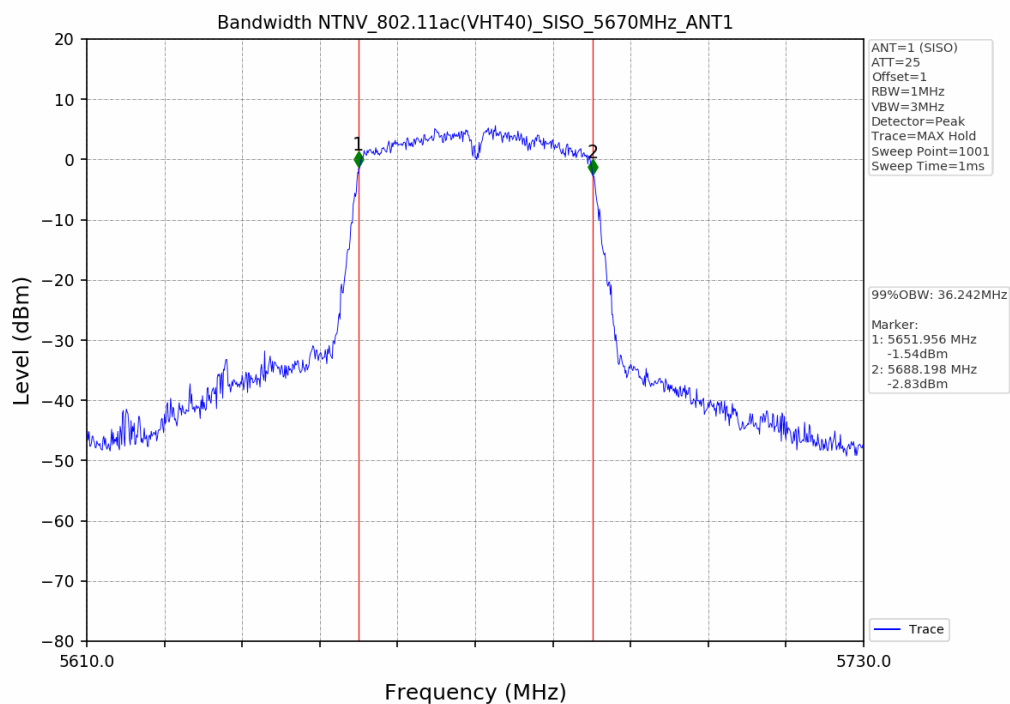
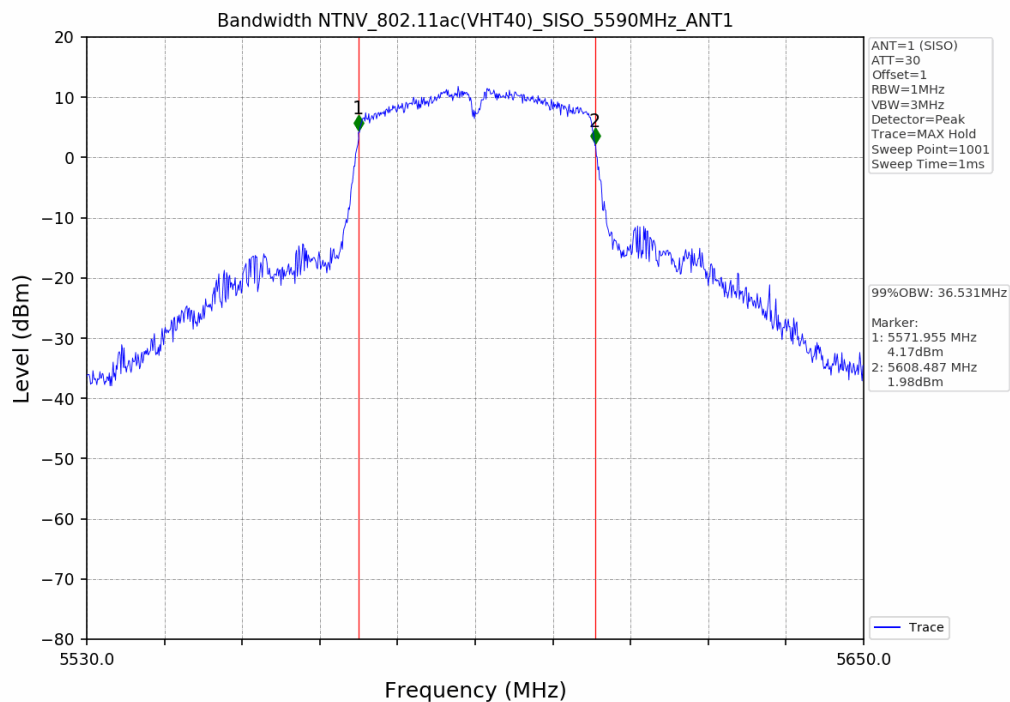


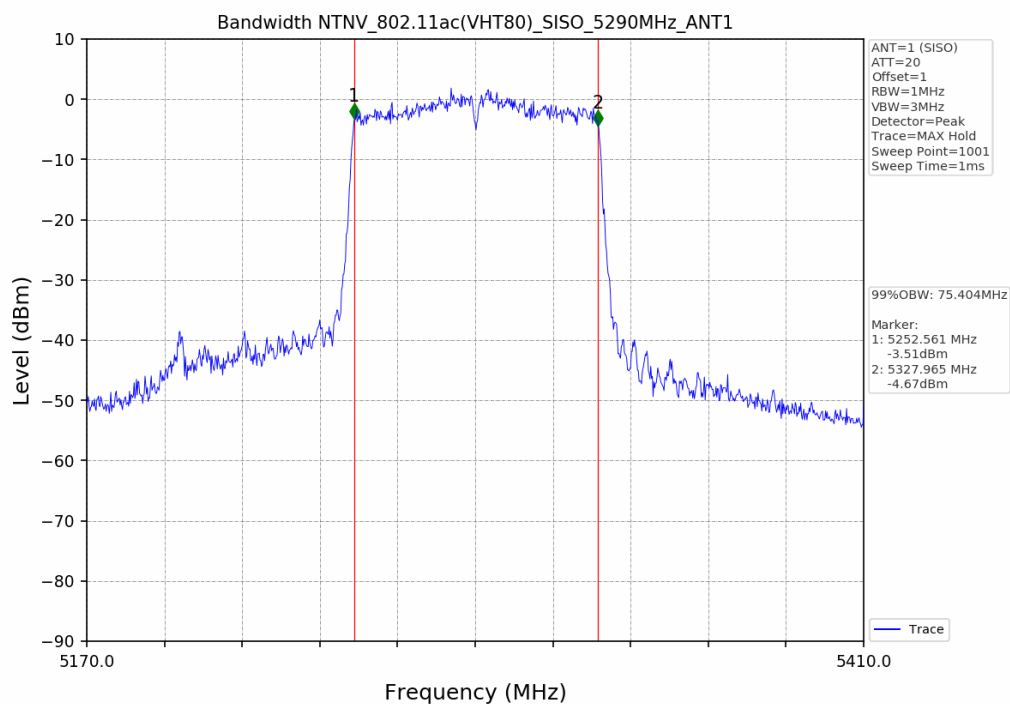
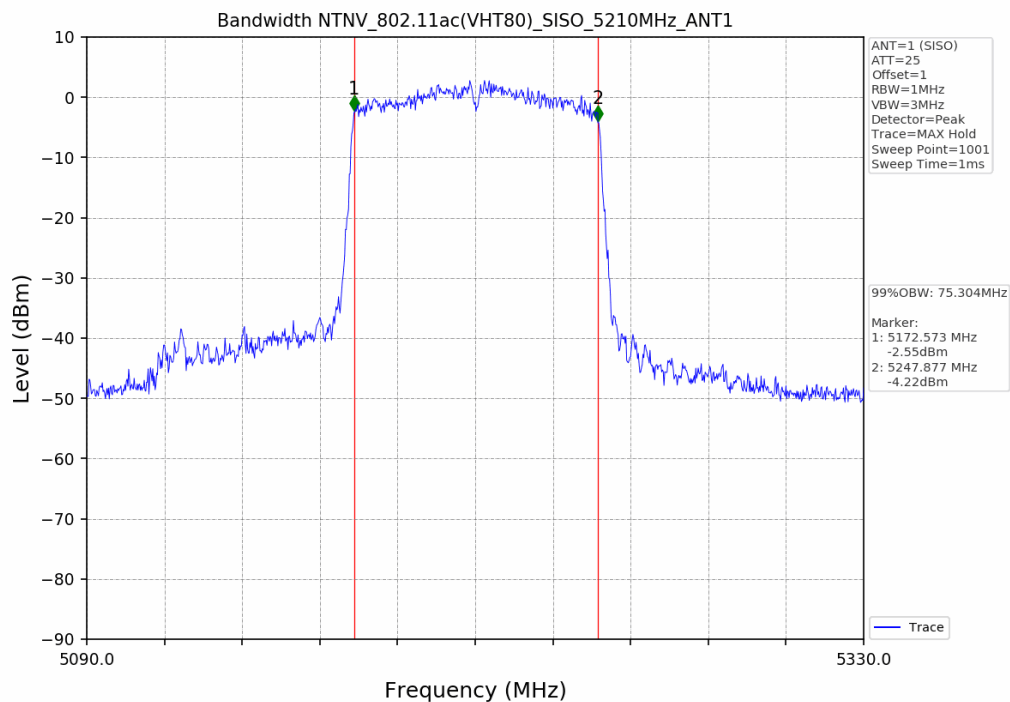


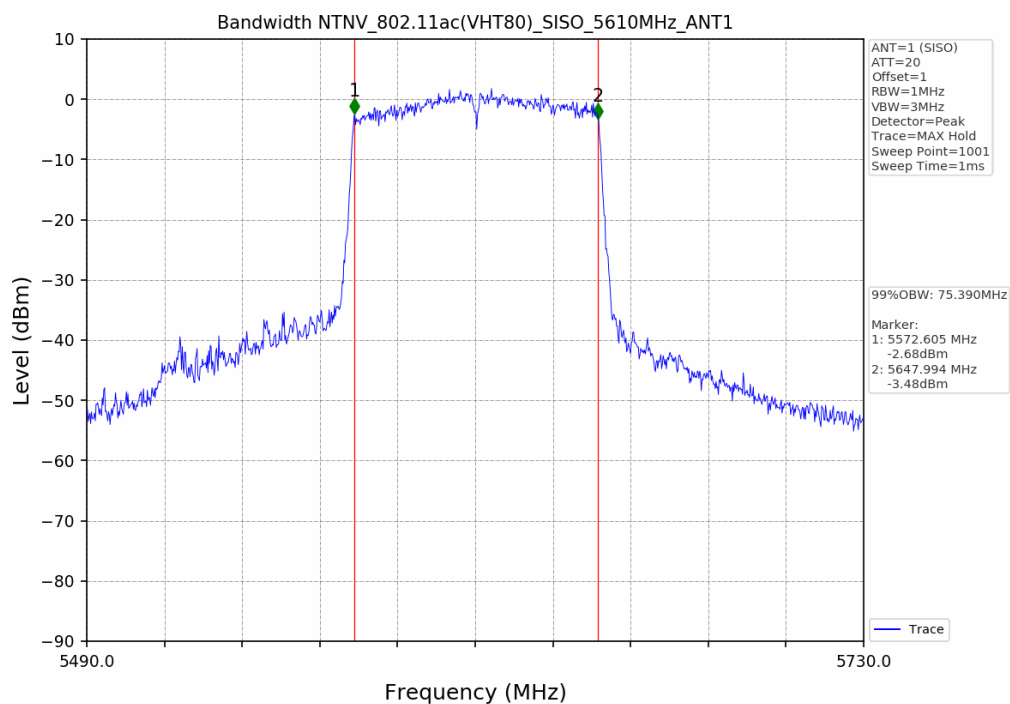
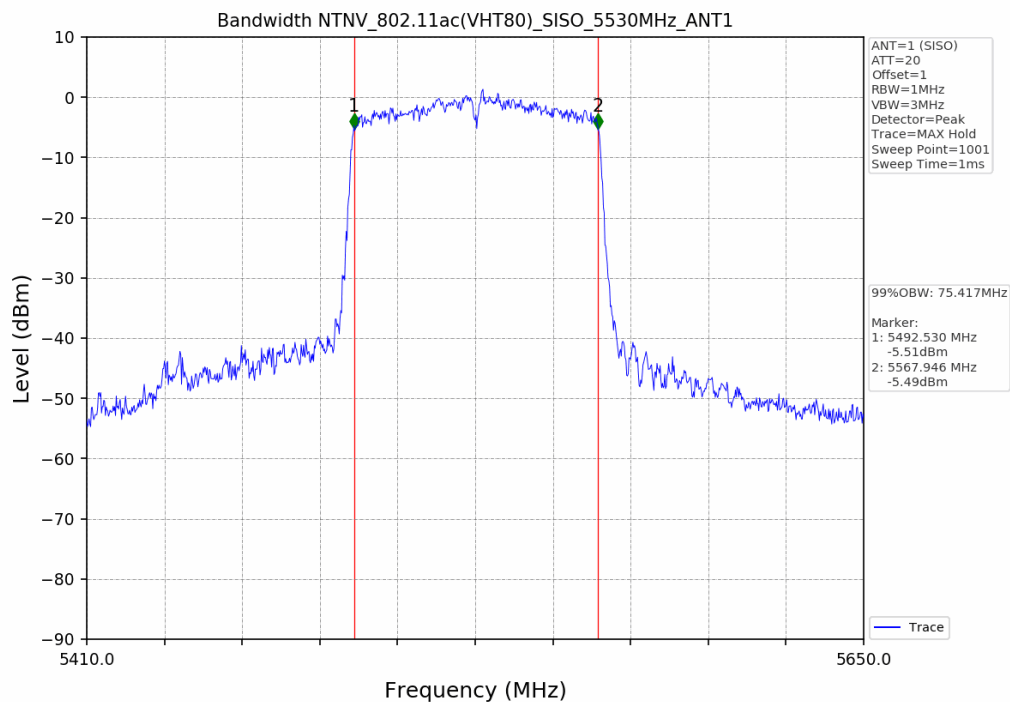












3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Ant.	Measured Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5180	1	11.22	≤30.00	PASS
	5180	2	12.08	≤30.00	PASS
	5200	1	11.27	≤30.00	PASS
	5200	2	12.35	≤30.00	PASS
	5240	1	11.35	≤30.00	PASS
	5240	2	12.23	≤30.00	PASS
	5260	1	11.15	≤23.98	PASS
	5260	2	12.10	≤23.98	PASS
	5300	1	10.83	≤23.98	PASS
	5300	2	11.84	≤23.98	PASS
	5320	1	10.30	≤23.98	PASS
	5320	2	11.80	≤23.98	PASS
	5500	1	9.73	≤23.98	PASS
	5500	2	10.20	≤23.94	PASS
	5580	1	10.65	≤23.98	PASS
	5580	2	10.76	≤23.98	PASS
	5600	1	10.61	≤23.98	PASS
	5600	2	11.10	≤23.98	PASS
	5700	1	9.72	≤23.94	PASS
	5700	2	11.01	≤23.98	PASS
802.11n(HT20)	5180	1	11.06	≤30.00	PASS
	5180	2	10.93	≤30.00	PASS
	5180	Total	14.01	≤30.00	PASS
	5200	1	11.34	≤30.00	PASS
	5200	2	11.07	≤30.00	PASS
	5200	Total	14.22	≤30.00	PASS
	5240	1	11.47	≤30.00	PASS
	5240	2	11.02	≤30.00	PASS
	5240	Total	14.26	≤30.00	PASS
	5260	1	11.12	≤23.98	PASS
	5260	2	10.81	≤23.98	PASS
	5260	Total	13.98	≤23.98	PASS
	5300	1	10.93	≤23.98	PASS
	5300	2	10.59	≤23.98	PASS
	5300	Total	13.77	≤23.98	PASS
	5320	1	10.89	≤23.98	PASS
	5320	2	10.63	≤23.98	PASS
	5320	Total	13.77	≤23.98	PASS
	5500	1	9.91	≤23.98	PASS
	5500	2	8.84	≤23.98	PASS
	5500	Total	12.42	≤23.98	PASS
	5580	1	9.60	≤23.98	PASS
	5580	2	9.59	≤23.98	PASS
	5580	Total	12.61	≤23.98	PASS
	5600	1	9.57	≤23.98	PASS
	5600	2	9.87	≤23.98	PASS

	5600	Total	12.73	≤23.98	PASS
	5700	1	8.92	≤23.98	PASS
	5700	2	9.90	≤23.98	PASS
	5700	Total	12.45	≤23.98	PASS
802.11n(HT40)	5190	1	11.27	≤30.00	PASS
	5190	2	11.09	≤30.00	PASS
	5190	Total	14.19	≤30.00	PASS
	5230	1	11.52	≤30.00	PASS
	5230	2	11.06	≤30.00	PASS
	5230	Total	14.31	≤30.00	PASS
	5270	1	11.01	≤23.98	PASS
	5270	2	10.73	≤23.98	PASS
	5270	Total	13.88	≤23.98	PASS
	5310	1	10.61	≤23.98	PASS
	5310	2	10.43	≤23.98	PASS
	5310	Total	13.53	≤23.98	PASS
	5510	1	9.56	≤23.98	PASS
	5510	2	8.92	≤23.98	PASS
	5510	Total	12.26	≤23.98	PASS
	5550	1	9.71	≤23.98	PASS
	5550	2	9.06	≤23.98	PASS
	5550	Total	12.41	≤23.98	PASS
	5590	1	9.75	≤23.98	PASS
	5590	2	9.90	≤23.98	PASS
	5590	Total	12.84	≤23.98	PASS
	5670	1	9.36	≤23.98	PASS
	5670	2	10.26	≤23.98	PASS
	5670	Total	12.84	≤23.98	PASS
802.11ac(VHT20)	5180	1	11.01	≤30.00	PASS
	5180	2	10.38	≤30.00	PASS
	5180	Total	13.72	≤30.00	PASS
	5200	1	11.21	≤30.00	PASS
	5200	2	10.61	≤30.00	PASS
	5200	Total	13.93	≤30.00	PASS
	5240	1	11.28	≤30.00	PASS
	5240	2	10.58	≤30.00	PASS
	5240	Total	13.95	≤30.00	PASS
	5260	1	11.22	≤23.98	PASS
	5260	2	10.46	≤23.98	PASS
	5260	Total	13.87	≤23.98	PASS
	5300	1	11.92	≤23.98	PASS
	5300	2	10.36	≤23.98	PASS
	5300	Total	14.22	≤23.98	PASS
	5320	1	10.56	≤23.98	PASS
	5320	2	10.36	≤23.98	PASS
	5320	Total	13.47	≤23.98	PASS
	5500	1	9.58	≤23.98	PASS
	5500	2	8.50	≤23.98	PASS
	5500	Total	12.08	≤23.98	PASS
	5580	1	9.29	≤23.98	PASS
	5580	2	12.58	≤23.98	PASS
	5580	Total	14.25	≤23.98	PASS
	5600	1	9.39	≤23.98	PASS
	5600	2	12.17	≤23.98	PASS
	5600	Total	14.01	≤23.98	PASS
	5700	1	8.77	≤23.98	PASS
	5700	2	9.68	≤23.98	PASS

	5700	Total	12.26	≤23.98	PASS
802.11ac(VHT40)	5190	1	10.91	≤30.00	PASS
	5190	2	10.65	≤30.00	PASS
	5190	Total	13.79	≤30.00	PASS
	5230	1	11.10	≤30.00	PASS
	5230	2	10.66	≤30.00	PASS
	5230	Total	13.9	≤30.00	PASS
	5270	1	10.68	≤23.98	PASS
	5270	2	10.41	≤23.98	PASS
	5270	Total	13.56	≤23.98	PASS
	5310	1	10.20	≤23.98	PASS
	5310	2	10.08	≤23.98	PASS
	5310	Total	13.15	≤23.98	PASS
	5510	1	9.39	≤23.98	PASS
	5510	2	11.15	≤23.98	PASS
	5510	Total	13.37	≤23.98	PASS
	5550	1	9.29	≤23.98	PASS
	5550	2	8.70	≤23.98	PASS
	5550	Total	12.02	≤23.98	PASS
	5590	1	9.37	≤23.98	PASS
	5590	2	10.99	≤23.98	PASS
	5590	Total	13.27	≤23.98	PASS
	5670	1	9.01	≤23.98	PASS
	5670	2	9.79	≤23.98	PASS
	5670	Total	12.43	≤23.98	PASS
802.11ac(VHT80)	5210	1	10.27	≤30.00	PASS
	5210	2	10.06	≤30.00	PASS
	5210	Total	13.18	≤30.00	PASS
	5290	1	9.04	≤23.98	PASS
	5290	2	9.07	≤23.98	PASS
	5290	Total	12.07	≤23.98	PASS
	5530	1	8.62	≤23.98	PASS
	5530	2	7.90	≤23.98	PASS
	5530	Total	11.29	≤23.98	PASS
	5610	1	8.85	≤23.98	PASS
	5610	2	9.02	≤23.98	PASS
	5610	Total	11.95	≤23.98	PASS

Note: transmit signals are completely *correlated*,
Directional gain= $10 \times \log[(10^{2/20} + 10^{2/20})/2] = 5.01\text{dBi}$

4. Maximum Power Spectral Density (PSD)

4.1 Test Result

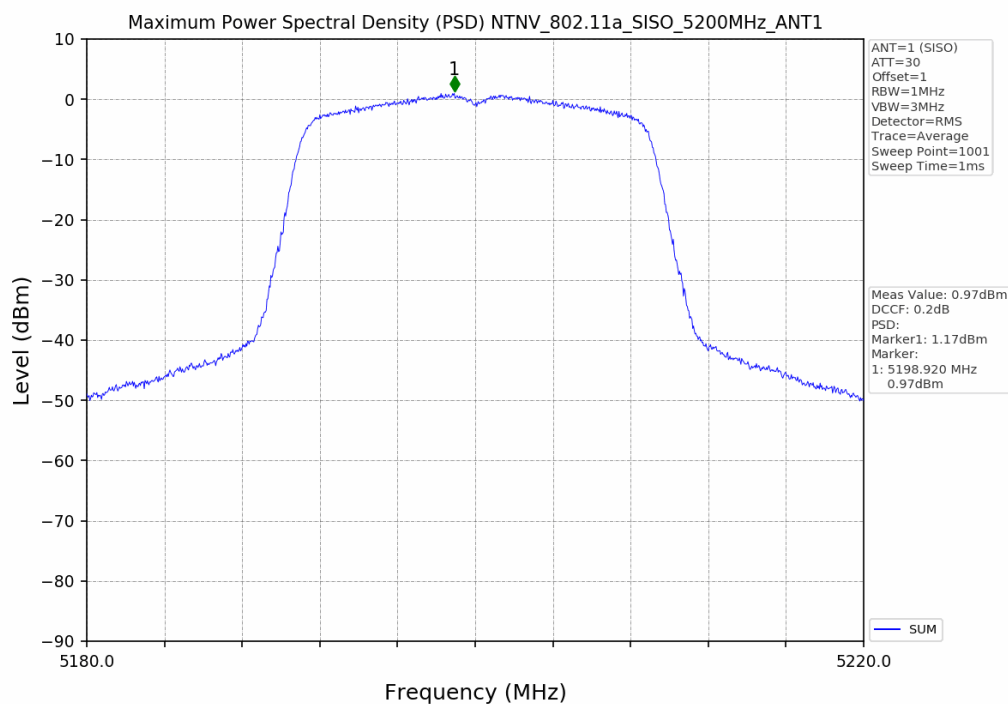
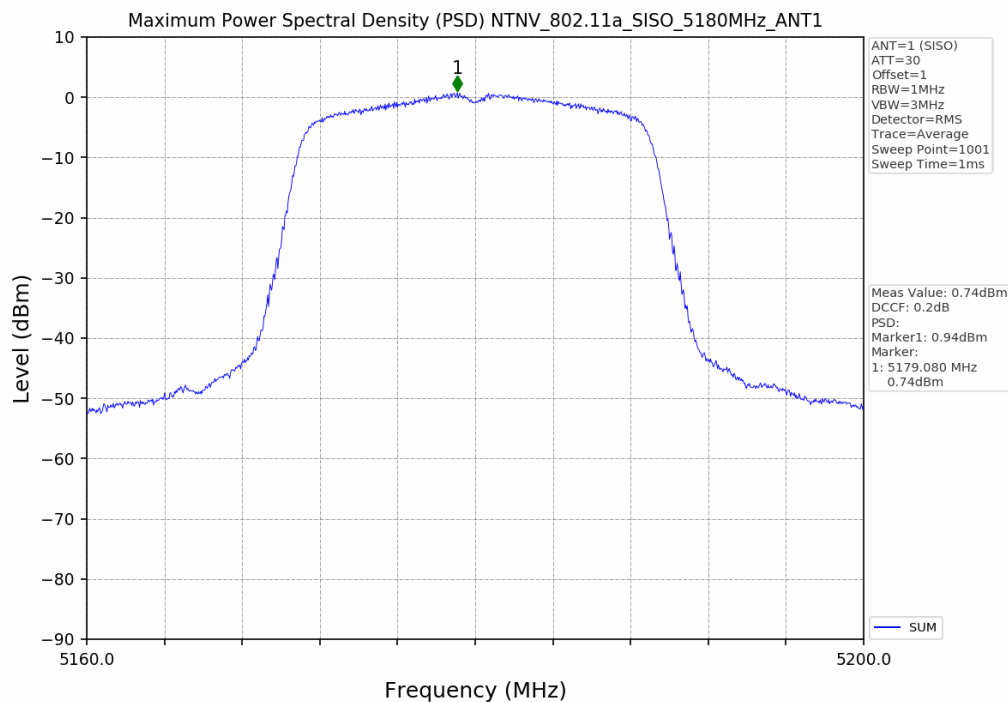
Test Mode	Frequency (MHz)	Ant.	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
802.11a	5180	1	0.94	≤17	PASS
	5180	2	2.05	≤17	PASS
	5200	1	1.17	≤17	PASS
	5200	2	2.49	≤17	PASS
	5240	1	1.24	≤17	PASS
	5240	2	2.44	≤17	PASS
	5260	1	1.12	≤11	PASS
	5260	2	2.21	≤11	PASS
	5300	1	0.94	≤11	PASS
	5300	2	1.96	≤11	PASS
	5320	1	0.32	≤11	PASS
	5320	2	1.90	≤11	PASS
	5500	1	-0.22	≤11	PASS
	5500	2	0.20	≤11	PASS
	5580	1	0.78	≤11	PASS
	5580	2	0.79	≤11	PASS
	5600	1	0.72	≤11	PASS
	5600	2	1.12	≤11	PASS
	5700	1	-0.25	≤11	PASS
	5700	2	1.19	≤11	PASS
802.11n(HT20)	5180	1	1.03	≤17	PASS
	5180	2	0.81	≤17	PASS
	5180	Total	3.93	≤17	PASS
	5200	1	1.34	≤17	PASS
	5200	2	1.02	≤17	PASS
	5200	Total	4.19	≤17	PASS
	5240	1	1.28	≤17	PASS
	5240	2	0.99	≤17	PASS
	5240	Total	4.15	≤17	PASS
	5260	1	1.16	≤11	PASS
	5260	2	0.73	≤11	PASS
	5260	Total	3.96	≤11	PASS
	5300	1	0.84	≤11	PASS
	5300	2	0.53	≤11	PASS
	5300	Total	3.7	≤11	PASS
	5320	1	0.72	≤11	PASS
	5320	2	0.70	≤11	PASS
	5320	Total	3.72	≤11	PASS
	5500	1	-0.20	≤11	PASS
	5500	2	-1.05	≤11	PASS
	5500	Total	2.41	≤11	PASS
	5580	1	-0.55	≤11	PASS
	5580	2	-0.59	≤11	PASS
	5580	Total	2.44	≤11	PASS
	5600	1	-0.42	≤11	PASS
	5600	2	-0.20	≤11	PASS
	5600	Total	2.7	≤11	PASS

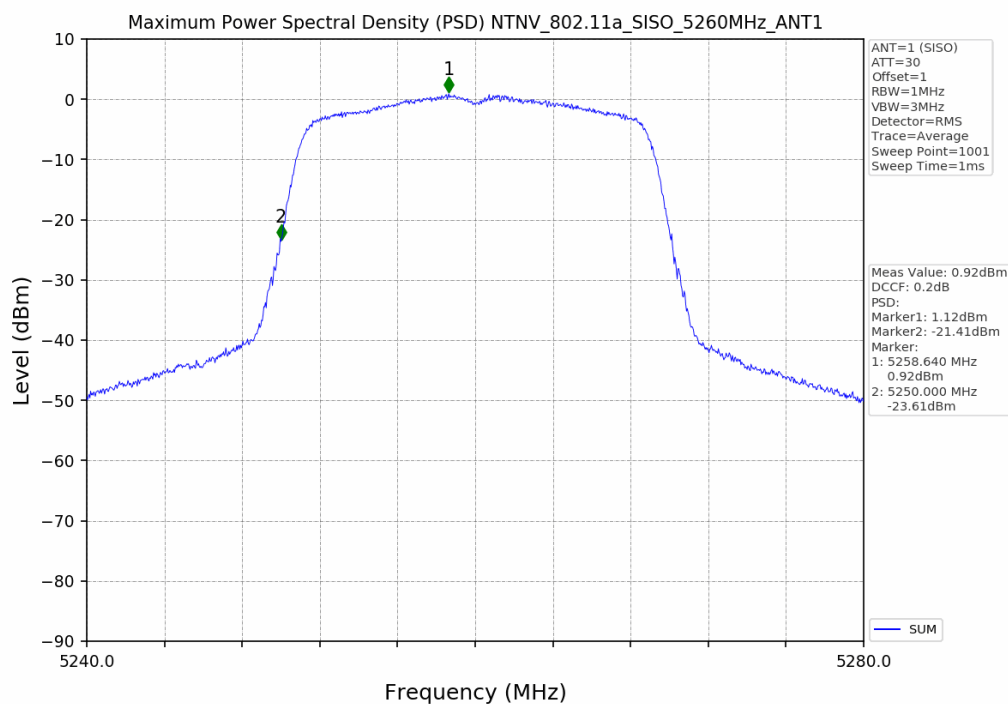
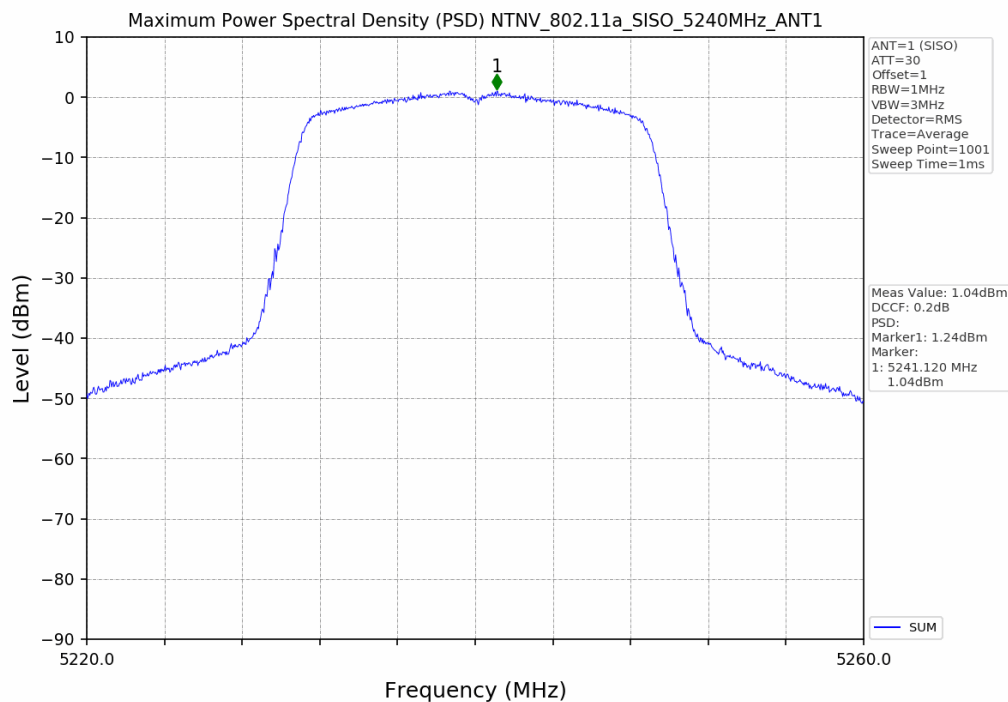
	5700	1	-1.39	≤11	PASS
	5700	2	-0.26	≤11	PASS
	5700	Total	2.22	≤11	PASS
802.11n(HT40)	5190	1	-1.50	≤17	PASS
	5190	2	-1.75	≤17	PASS
	5190	Total	1.39	≤17	PASS
	5230	1	-1.40	≤17	PASS
	5230	2	-1.53	≤17	PASS
	5230	Total	1.55	≤17	PASS
	5270	1	-1.86	≤11	PASS
	5270	2	-2.04	≤11	PASS
	5270	Total	1.06	≤11	PASS
	5310	1	-2.18	≤11	PASS
	5310	2	-2.55	≤11	PASS
	5310	Total	0.65	≤11	PASS
	5510	1	-3.35	≤11	PASS
	5510	2	-3.86	≤11	PASS
	5510	Total	-0.59	≤11	PASS
	5550	1	-3.10	≤11	PASS
	5550	2	-3.63	≤11	PASS
	5550	Total	-0.35	≤11	PASS
	5590	1	-3.04	≤11	PASS
	5590	2	-2.69	≤11	PASS
	5590	Total	0.15	≤11	PASS
	5670	1	-3.43	≤11	PASS
	5670	2	-2.79	≤11	PASS
	5670	Total	-0.09	≤11	PASS
802.11ac(VHT20)	5180	1	1.22	≤17	PASS
	5180	2	0.68	≤17	PASS
	5180	Total	3.97	≤17	PASS
	5200	1	1.33	≤17	PASS
	5200	2	0.76	≤17	PASS
	5200	Total	4.06	≤17	PASS
	5240	1	1.51	≤17	PASS
	5240	2	0.92	≤17	PASS
	5240	Total	4.24	≤17	PASS
	5260	1	-2.51	≤11	PASS
	5260	2	0.61	≤11	PASS
	5260	Total	2.33	≤11	PASS
	5300	1	-2.73	≤11	PASS
	5300	2	0.53	≤11	PASS
	5300	Total	2.21	≤11	PASS
	5320	1	0.77	≤11	PASS
	5320	2	0.40	≤11	PASS
	5320	Total	3.6	≤11	PASS
	5500	1	-0.02	≤11	PASS
	5500	2	-1.18	≤11	PASS
	5500	Total	2.45	≤11	PASS
	5580	1	-0.31	≤11	PASS
	5580	2	-3.08	≤11	PASS
	5580	Total	1.53	≤11	PASS
	5600	1	-0.46	≤11	PASS
	5600	2	-3.70	≤11	PASS
	5600	Total	1.23	≤11	PASS
	5700	1	-1.27	≤11	PASS
	5700	2	0.05	≤11	PASS
	5700	Total	2.45	≤11	PASS

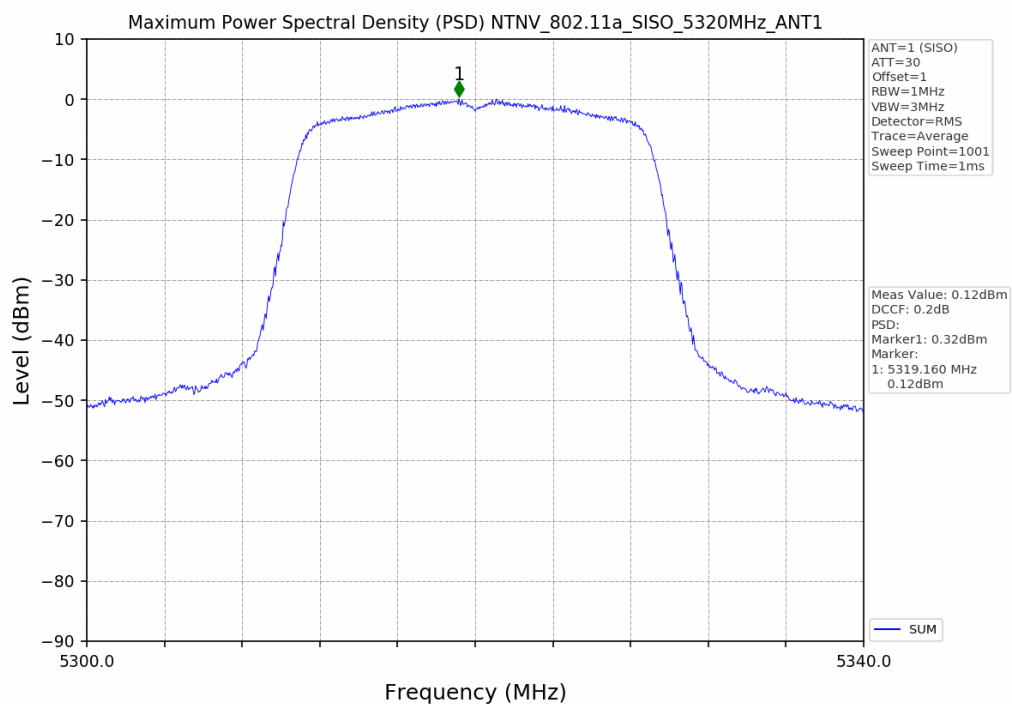
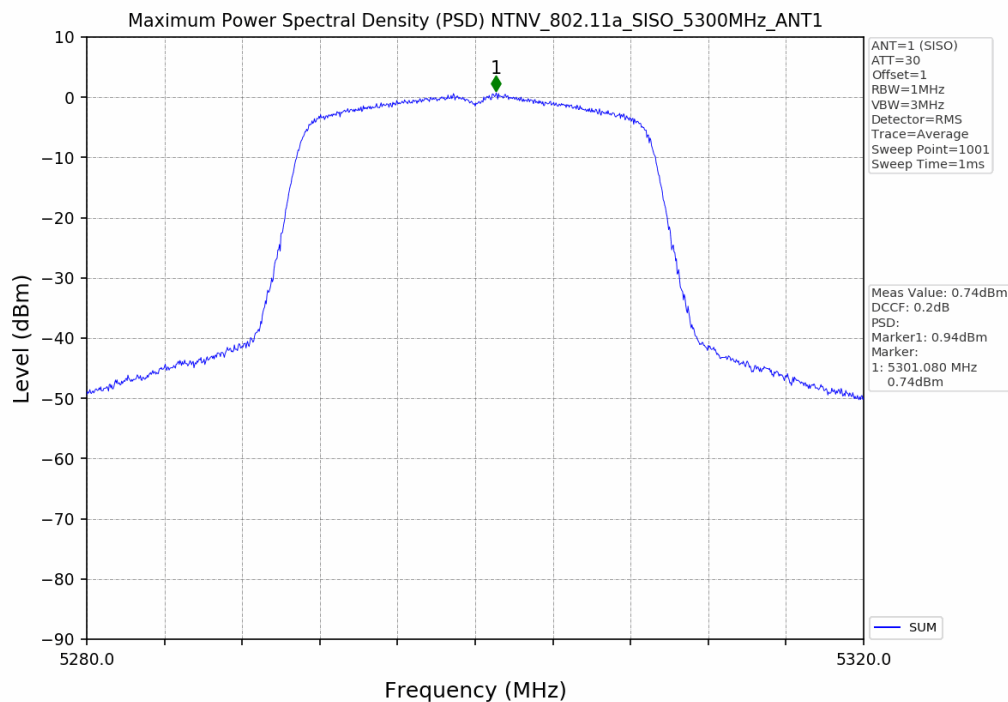
802.11ac(VHT40)	5190	1	-1.56	≤17	PASS
	5190	2	-1.96	≤17	PASS
	5190	Total	1.25	≤17	PASS
	5230	1	-1.42	≤17	PASS
	5230	2	-1.86	≤17	PASS
	5230	Total	1.38	≤17	PASS
	5270	1	-1.88	≤11	PASS
	5270	2	-2.06	≤11	PASS
	5270	Total	1.04	≤11	PASS
	5310	1	-2.18	≤11	PASS
	5310	2	-2.22	≤11	PASS
	5310	Total	0.81	≤11	PASS
	5510	1	-3.19	≤11	PASS
	5510	2	-6.36	≤11	PASS
	5510	Total	-1.48	≤11	PASS
	5550	1	-3.51	≤11	PASS
	5550	2	-3.62	≤11	PASS
	5550	Total	-0.55	≤11	PASS
	5590	1	-3.06	≤11	PASS
	5590	2	-6.69	≤11	PASS
	5590	Total	-1.5	≤11	PASS
	5670	1	-3.52	≤11	PASS
	5670	2	-2.62	≤11	PASS
	5670	Total	-0.04	≤11	PASS
802.11ac(VHT80)	5210	1	-4.72	≤17	PASS
	5210	2	-4.77	≤17	PASS
	5210	Total	-1.73	≤17	PASS
	5290	1	-6.06	≤11	PASS
	5290	2	-5.98	≤11	PASS
	5290	Total	-3.01	≤11	PASS
	5530	1	-6.12	≤11	PASS
	5530	2	-7.21	≤11	PASS
	5530	Total	-3.62	≤11	PASS
	5610	1	-6.23	≤11	PASS
	5610	2	-5.89	≤11	PASS
	5610	Total	-3.05	≤11	PASS

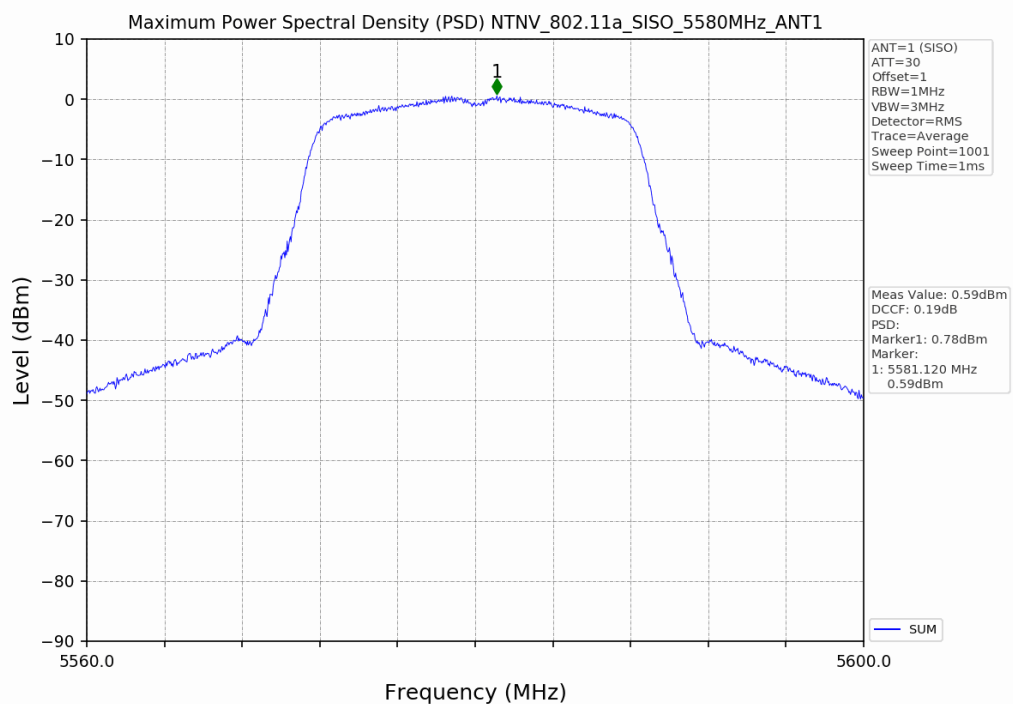
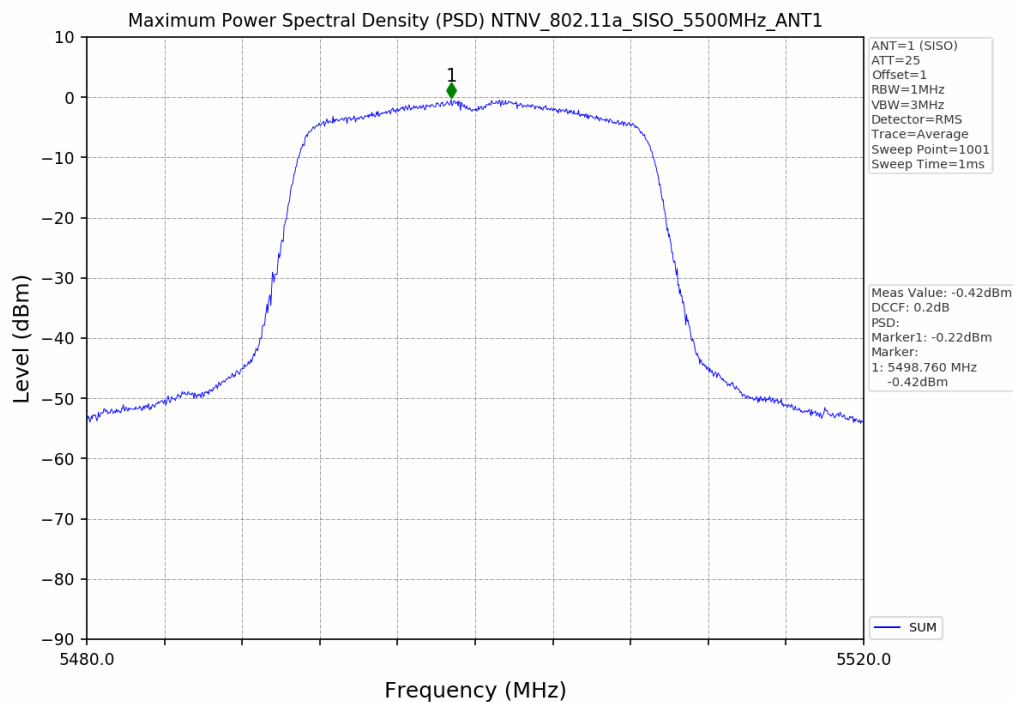
4.2 Test Graph

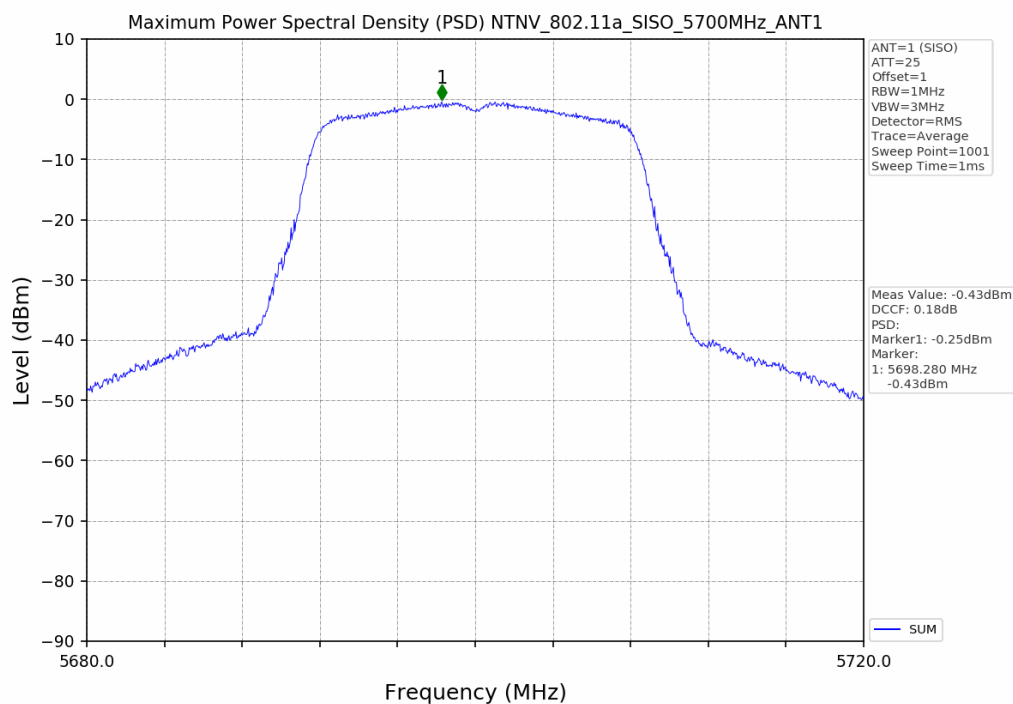
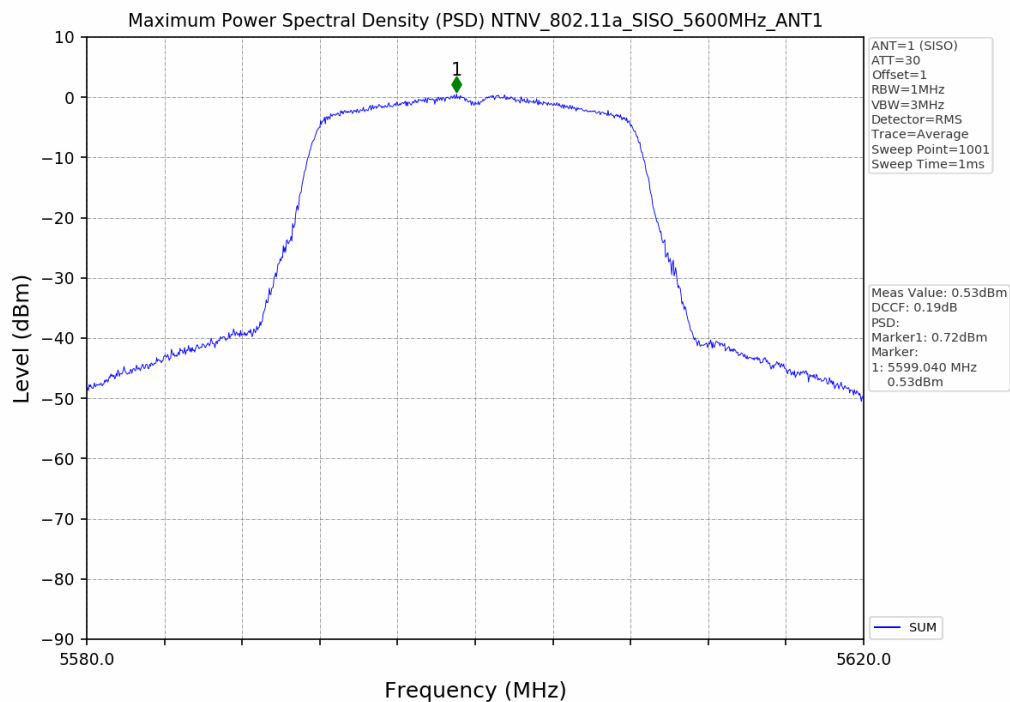
ANT 1:

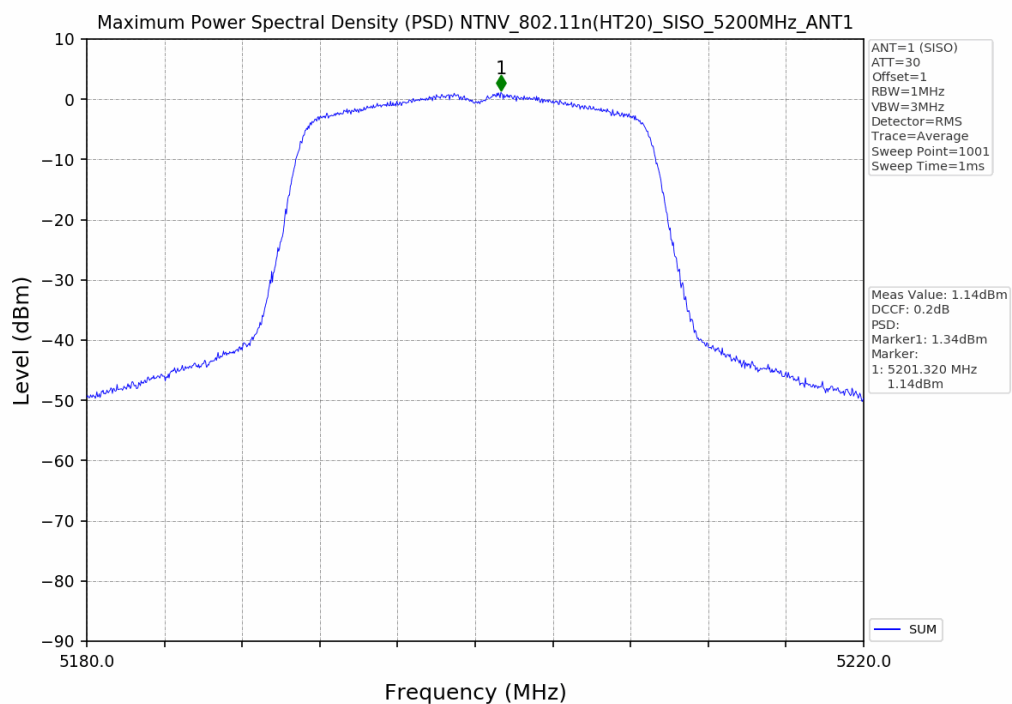
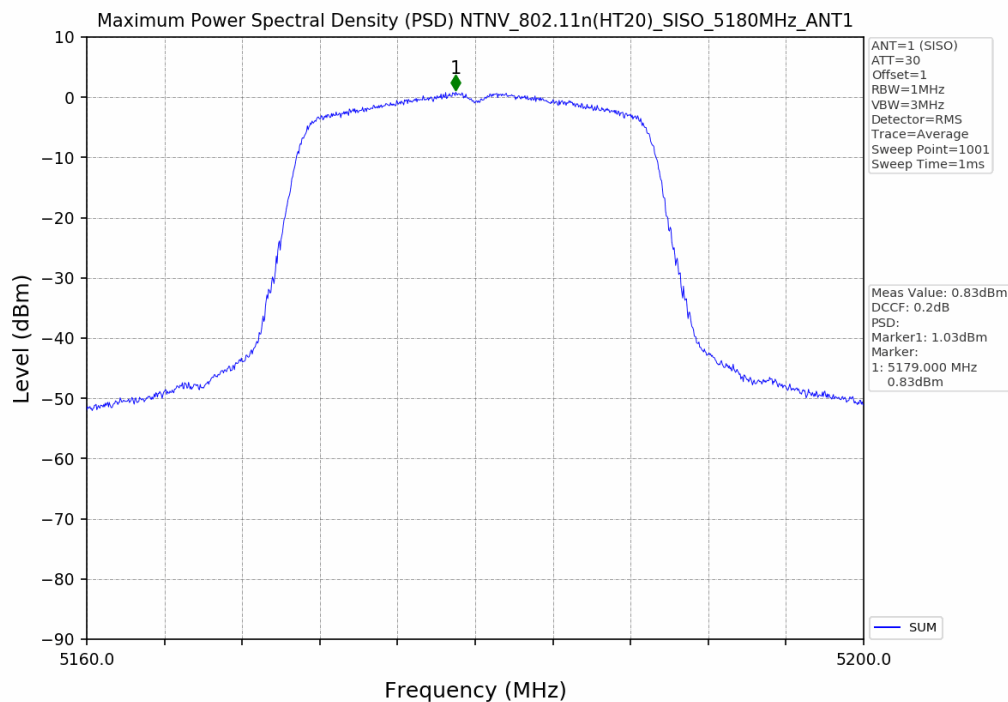


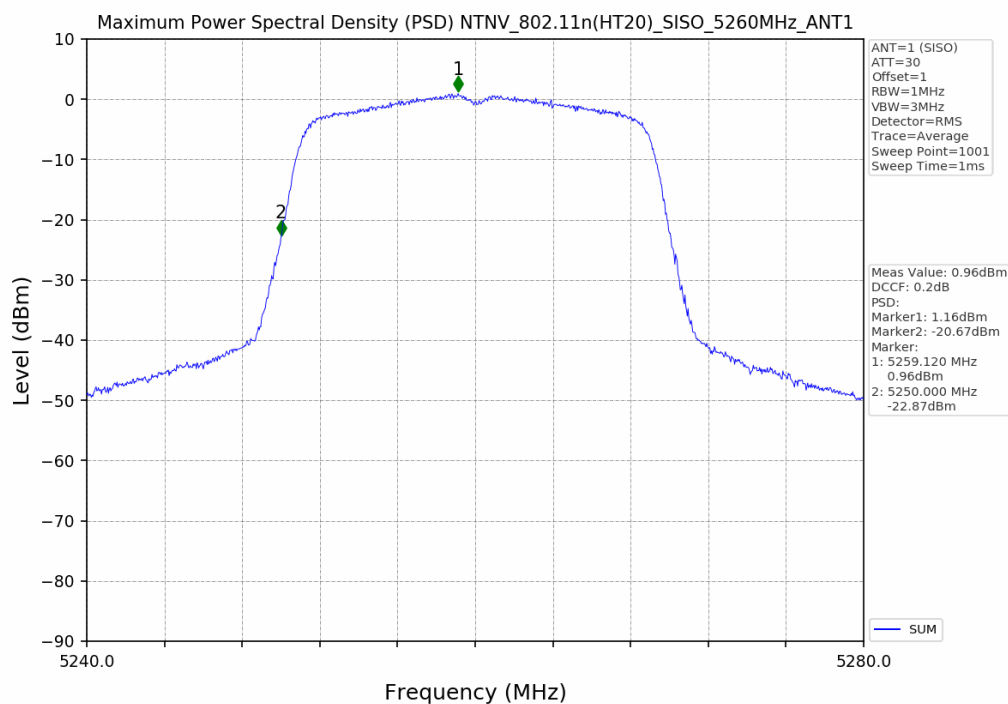
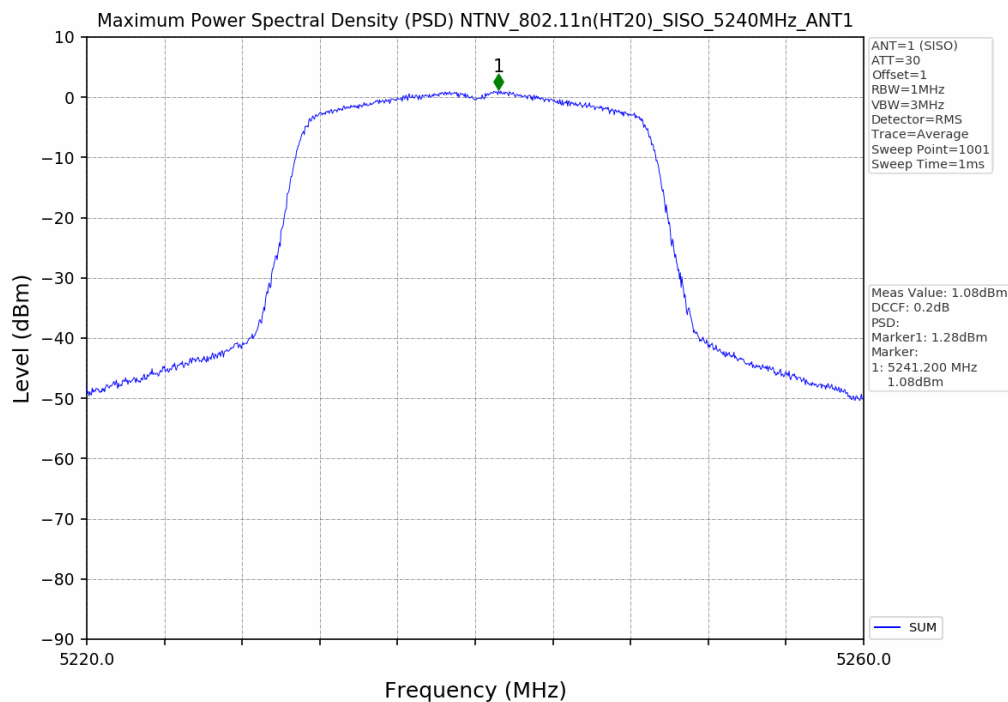


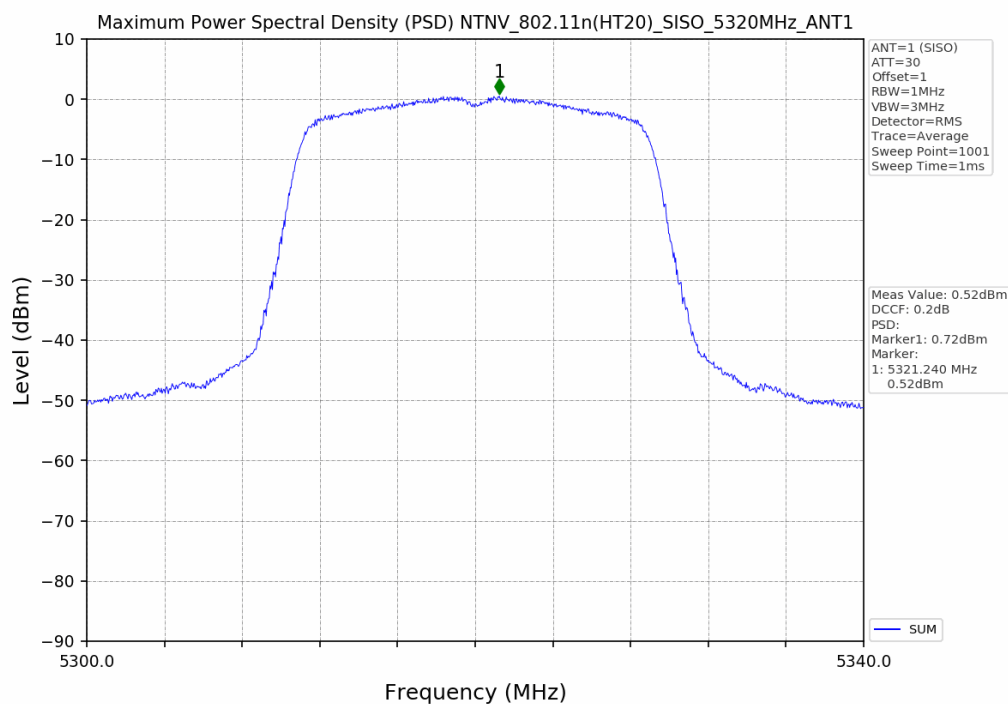
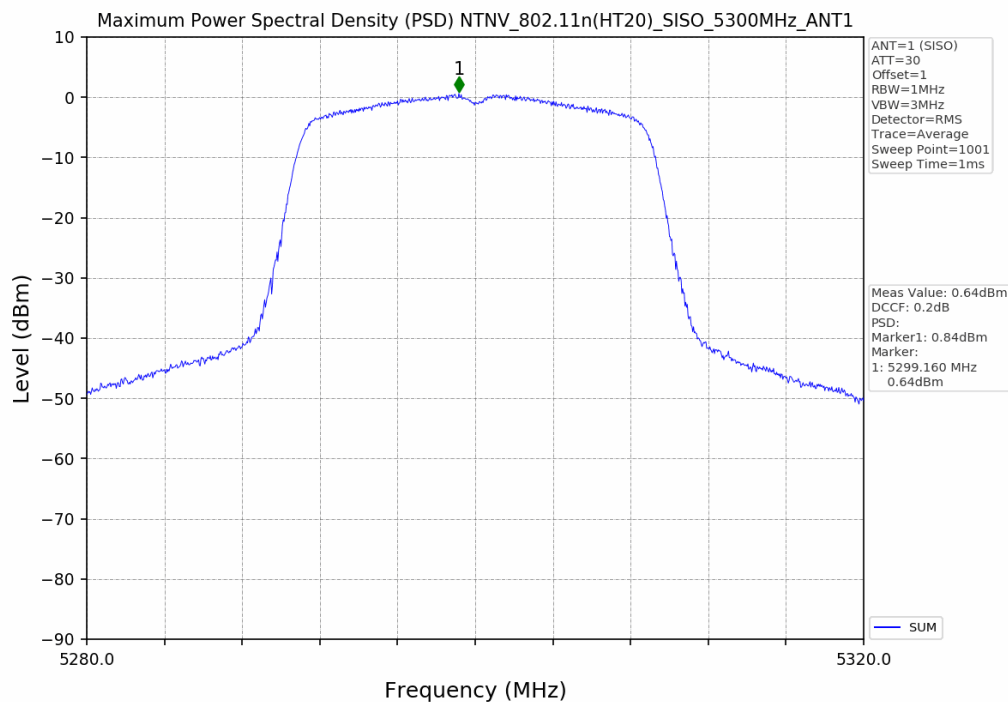


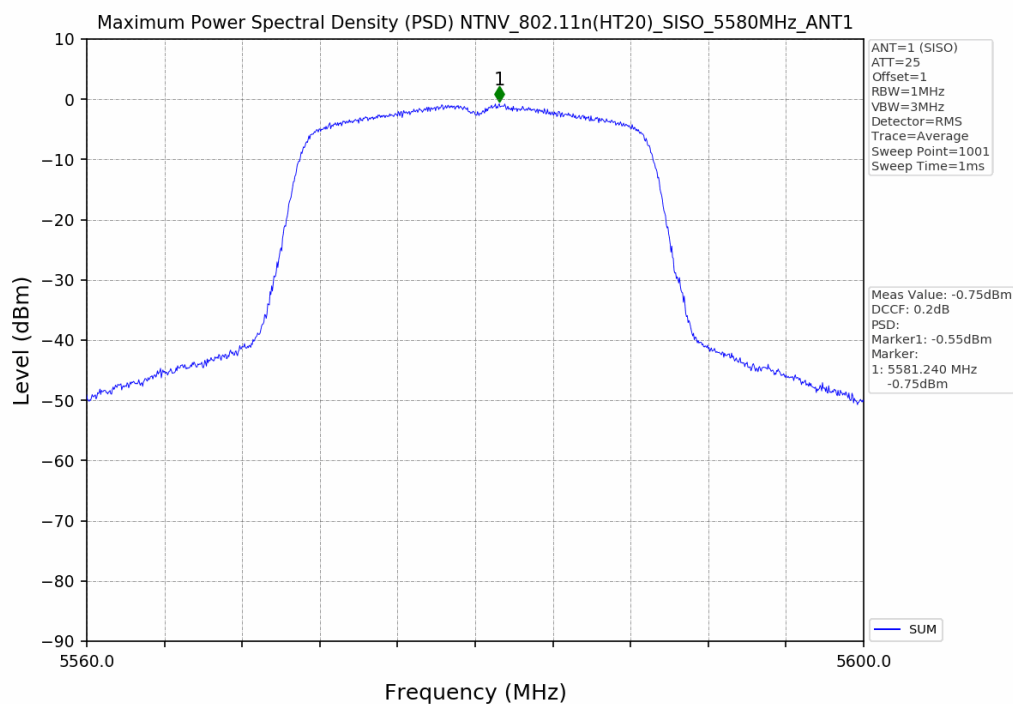
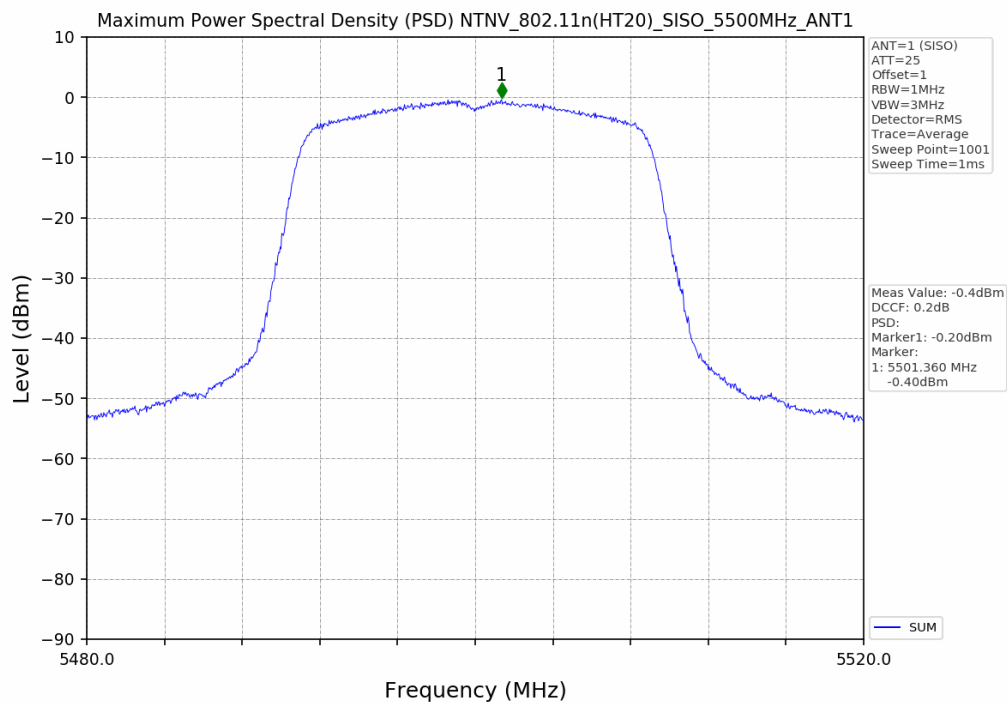


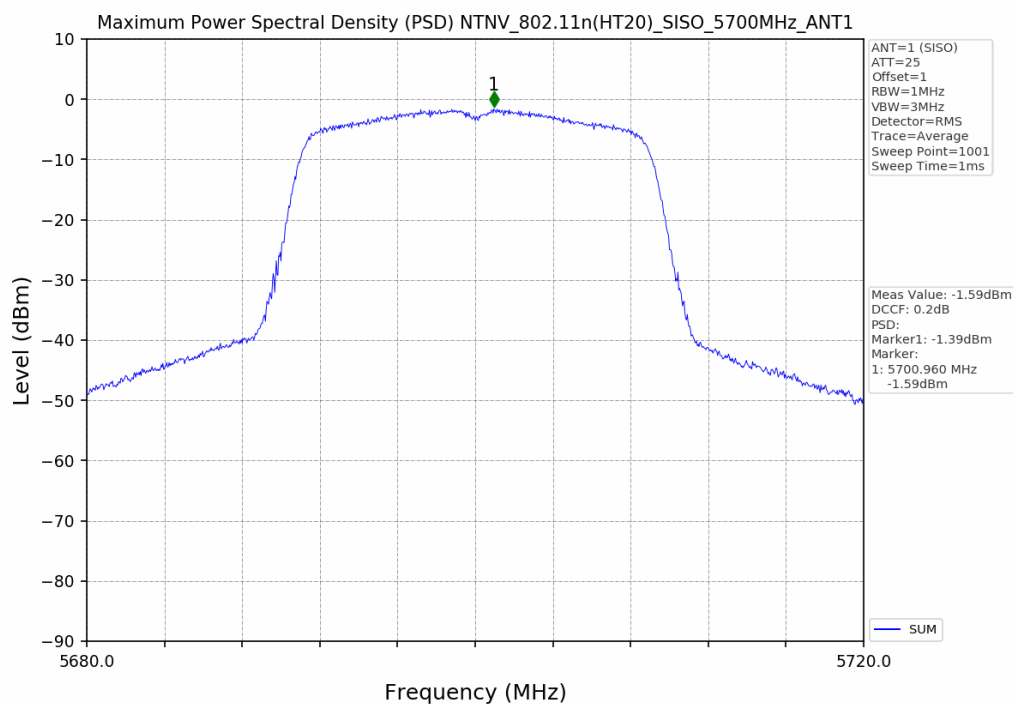
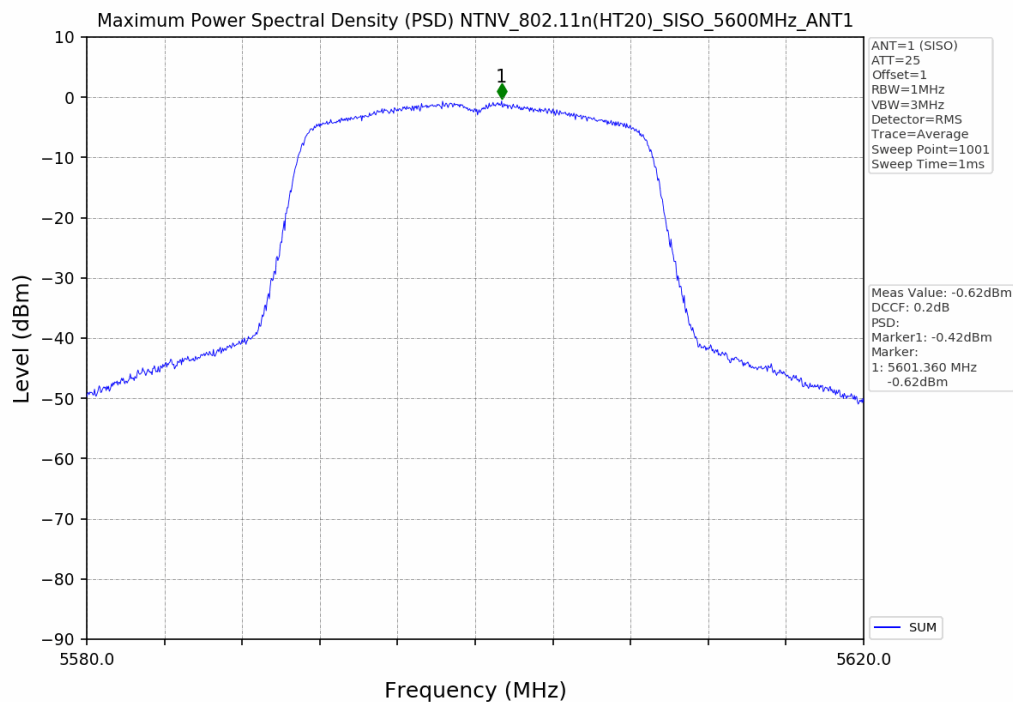


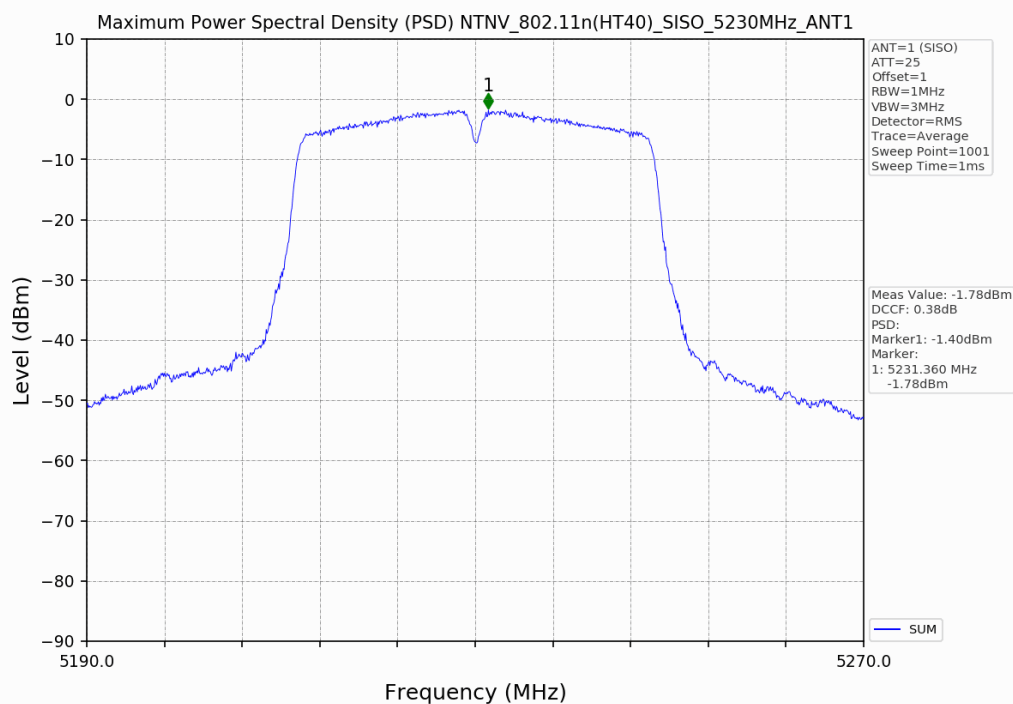
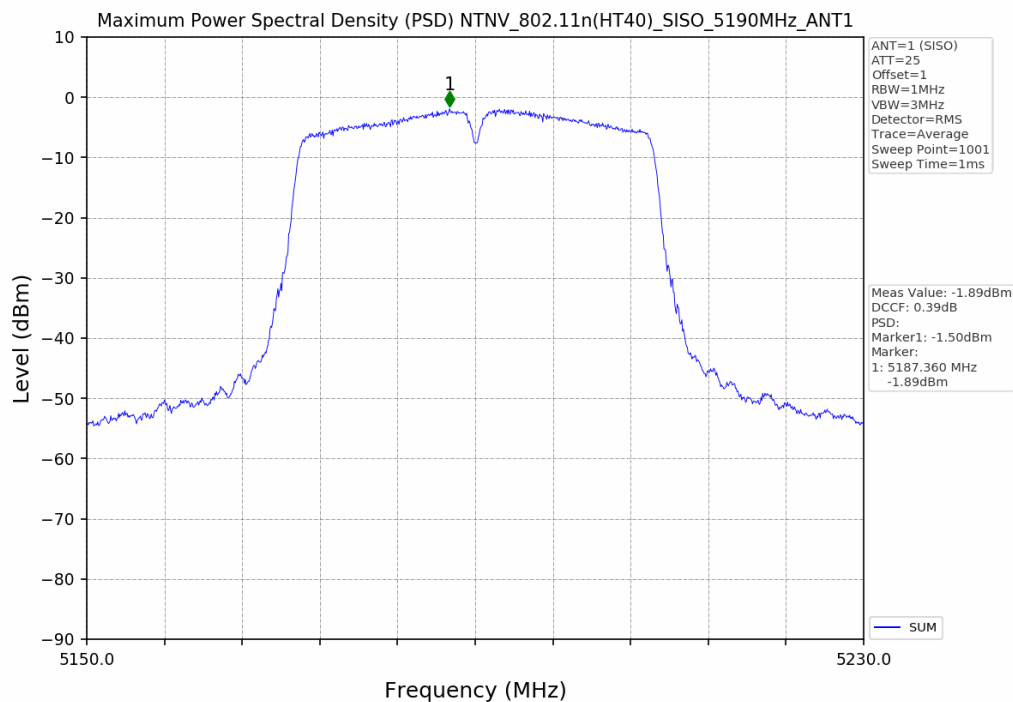


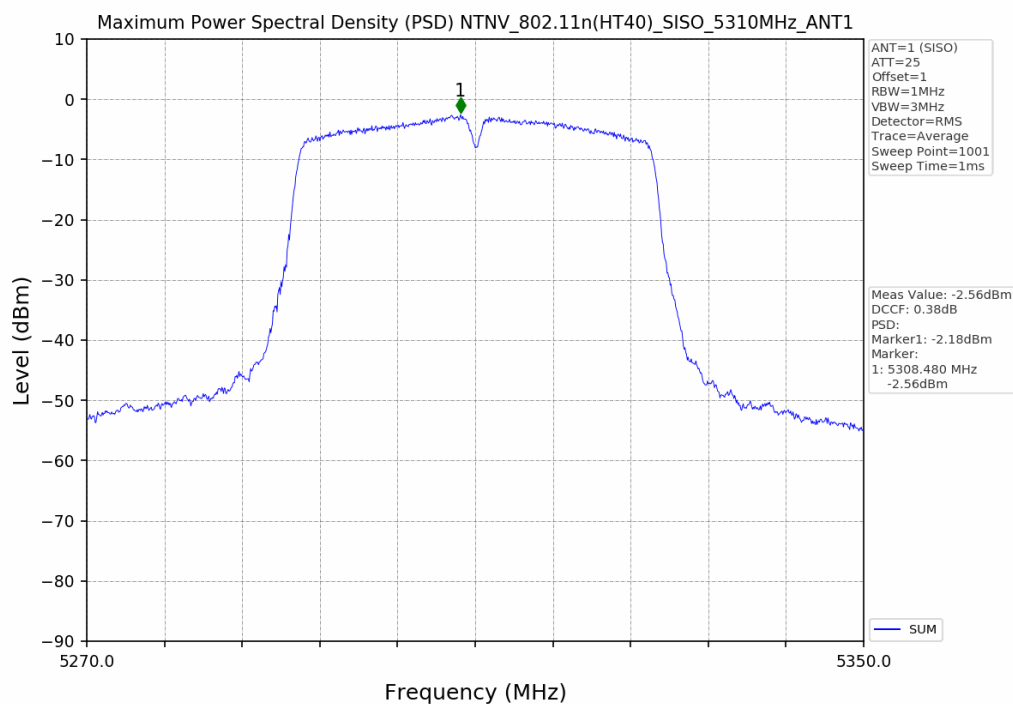
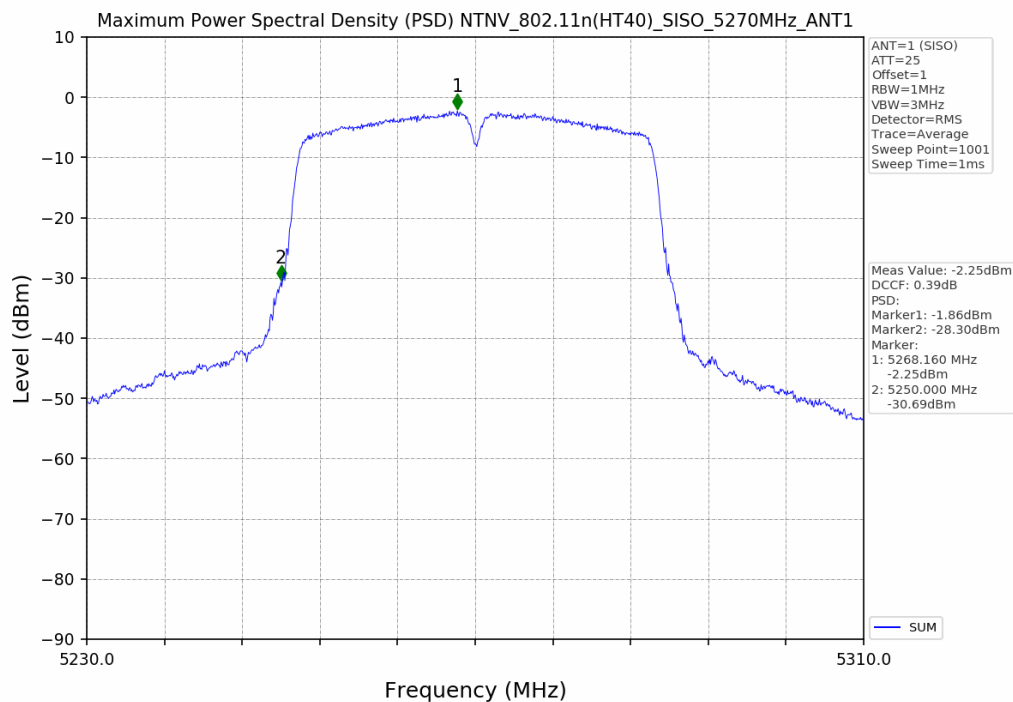


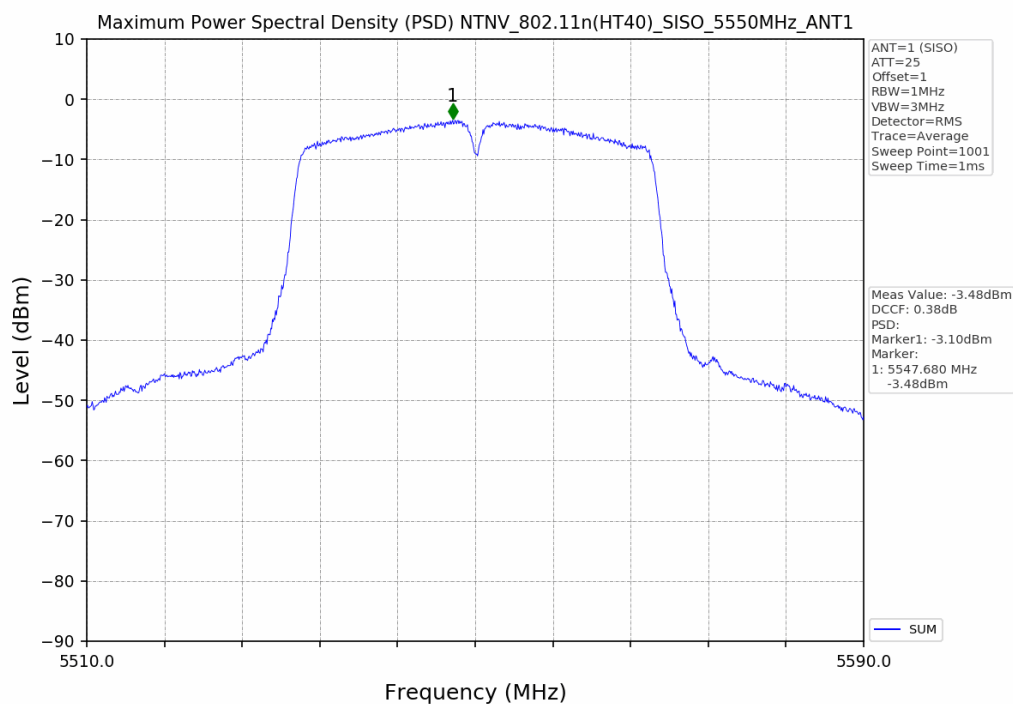
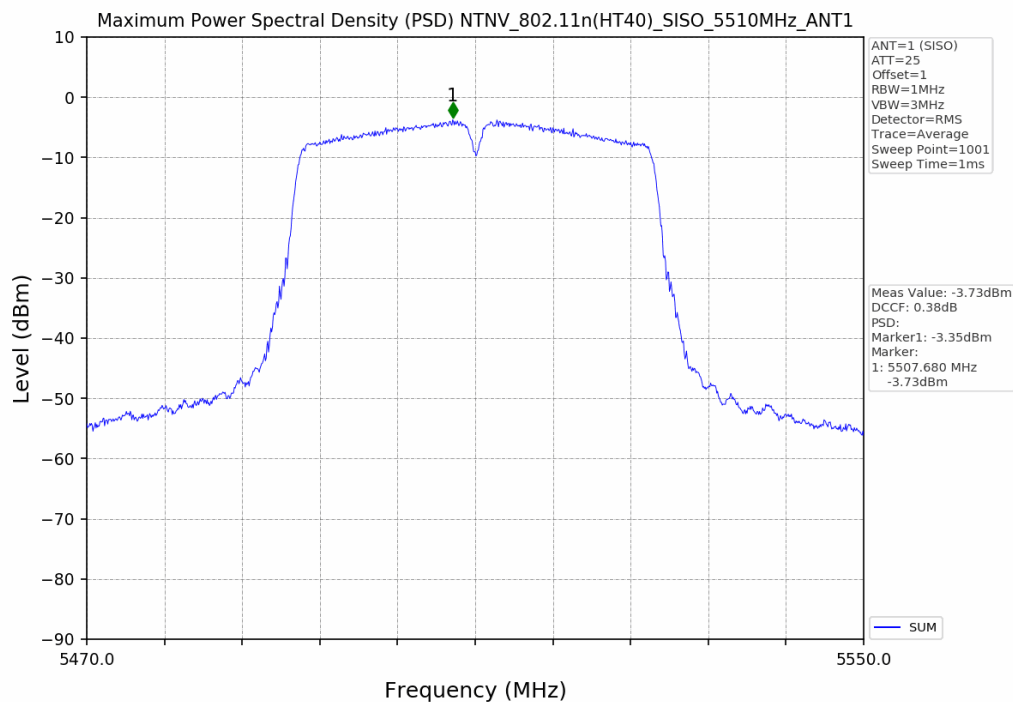


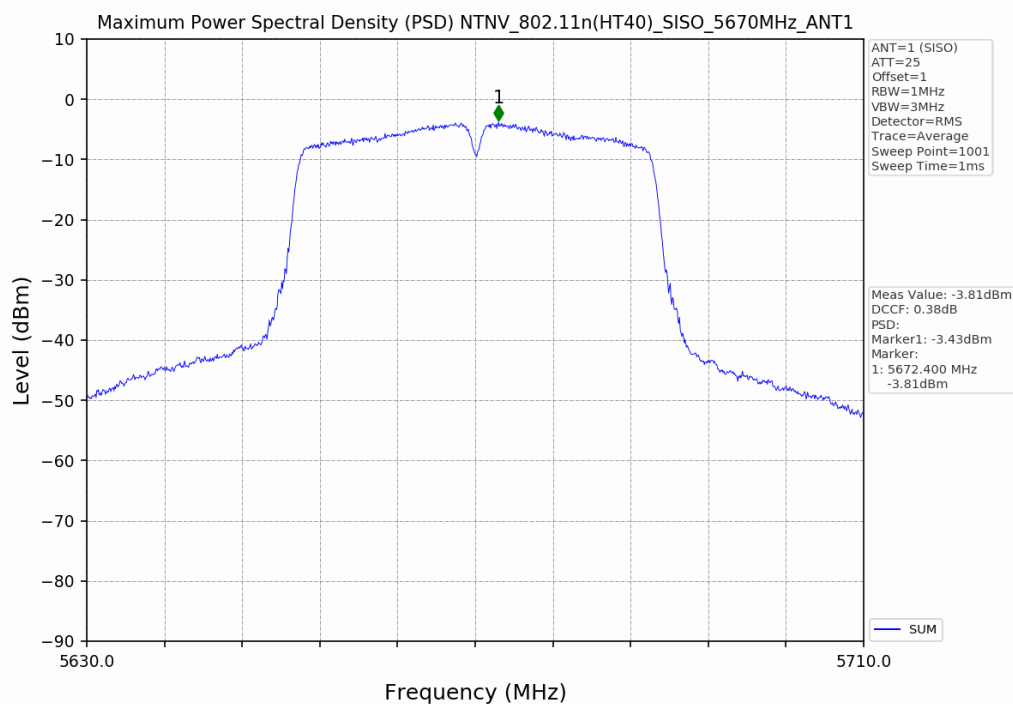
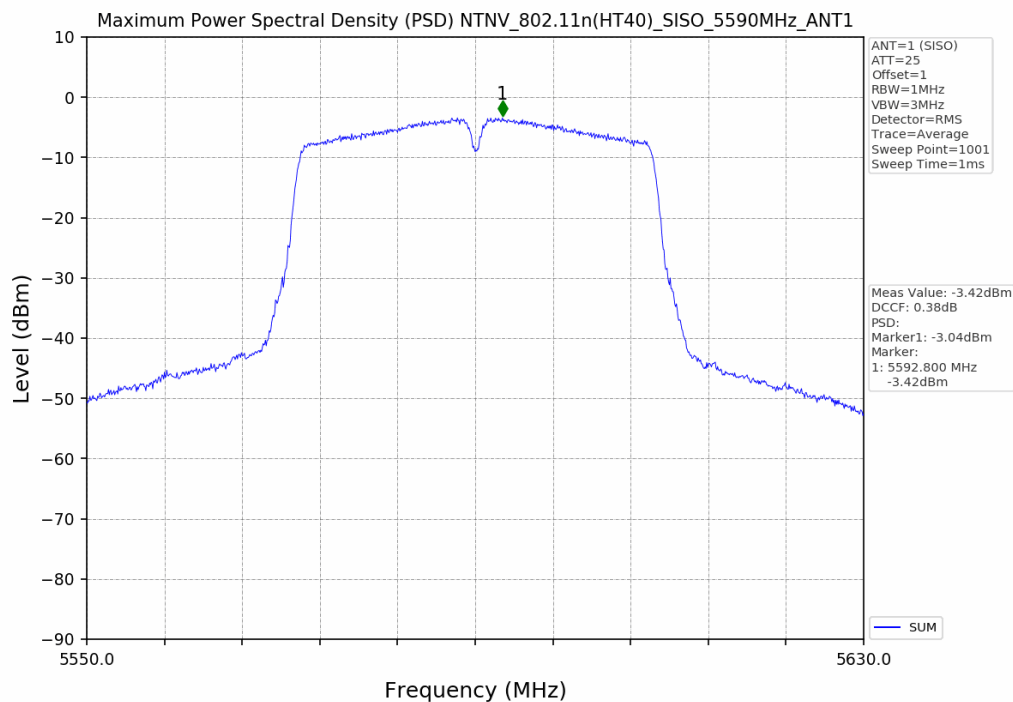


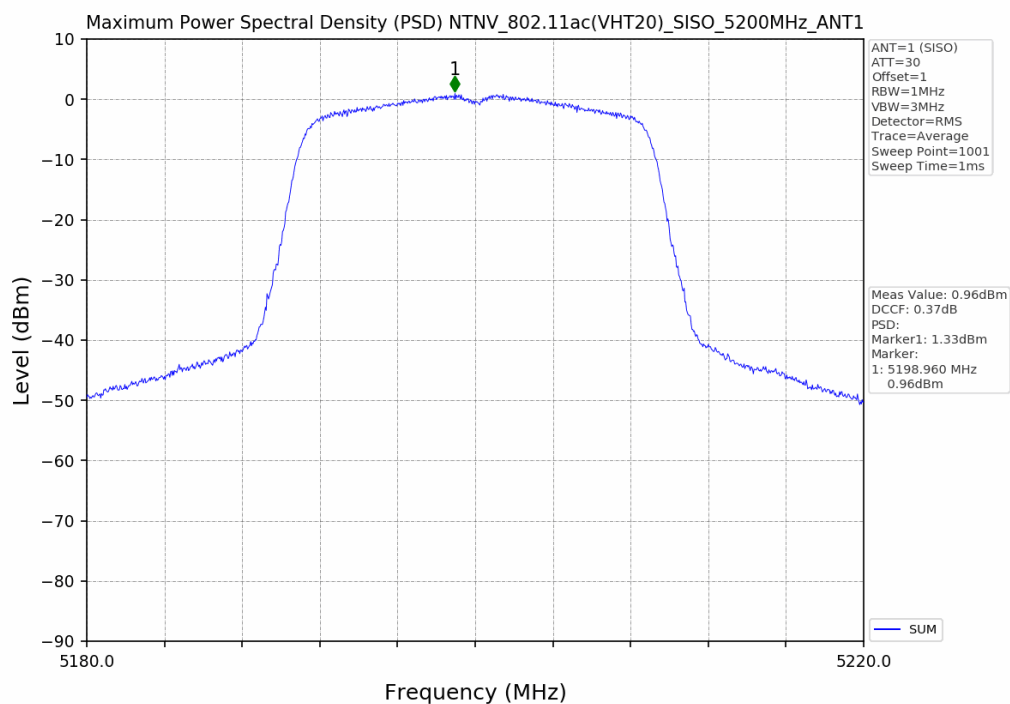
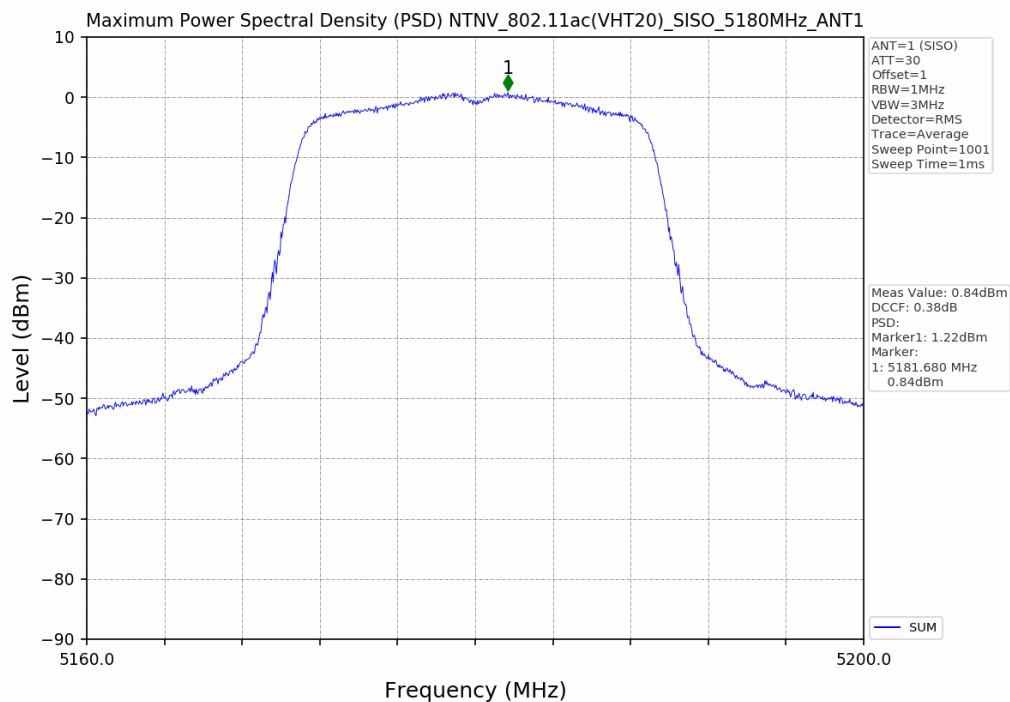


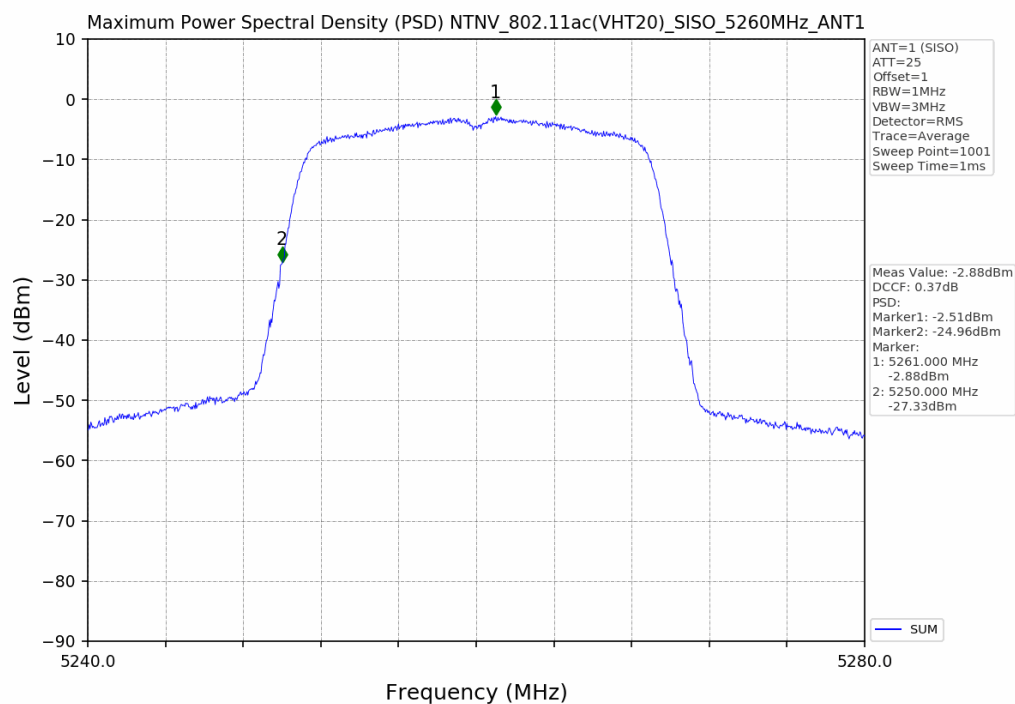
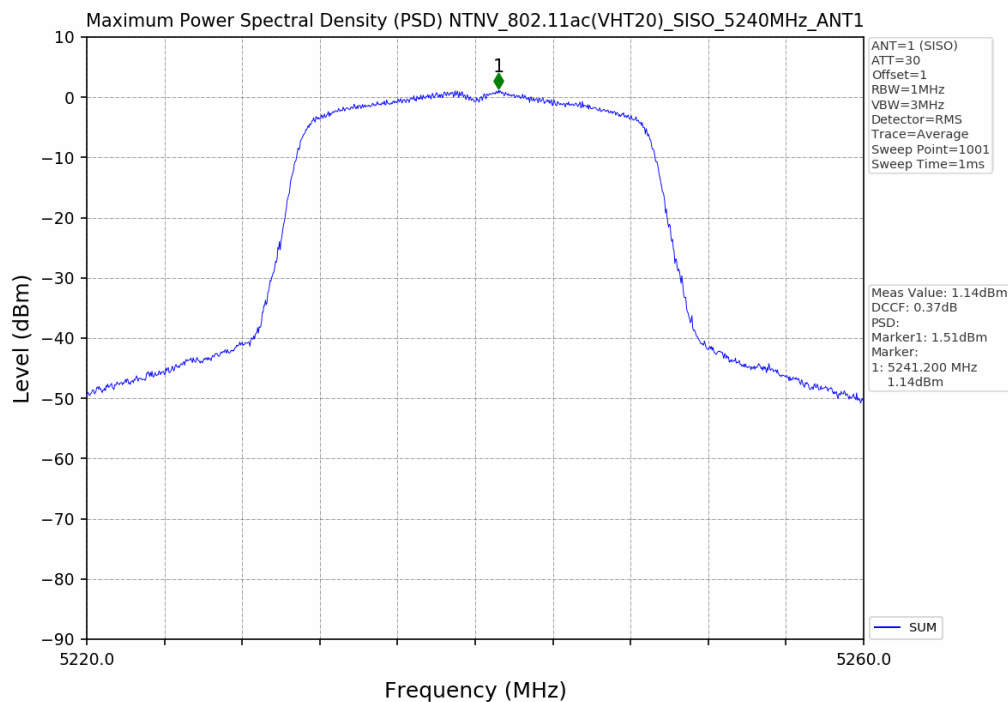


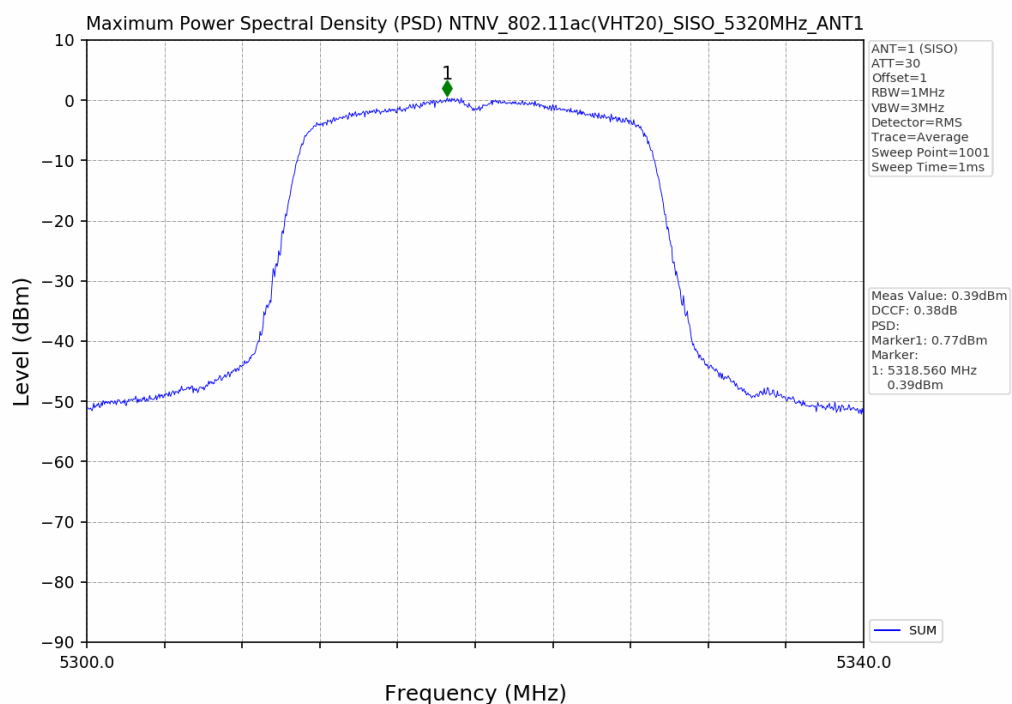
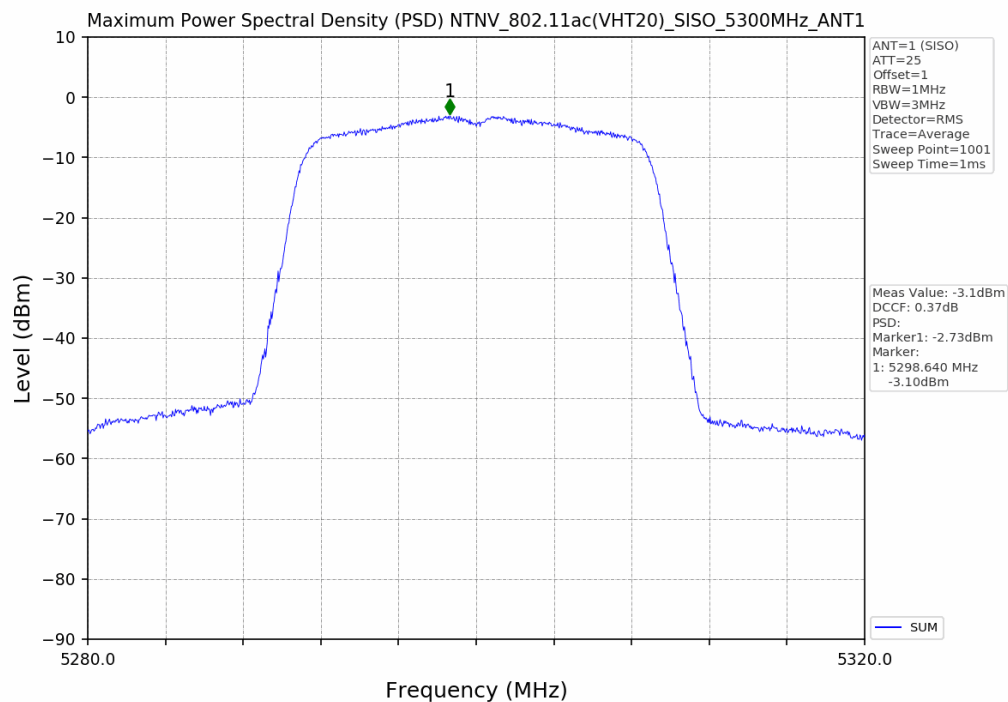


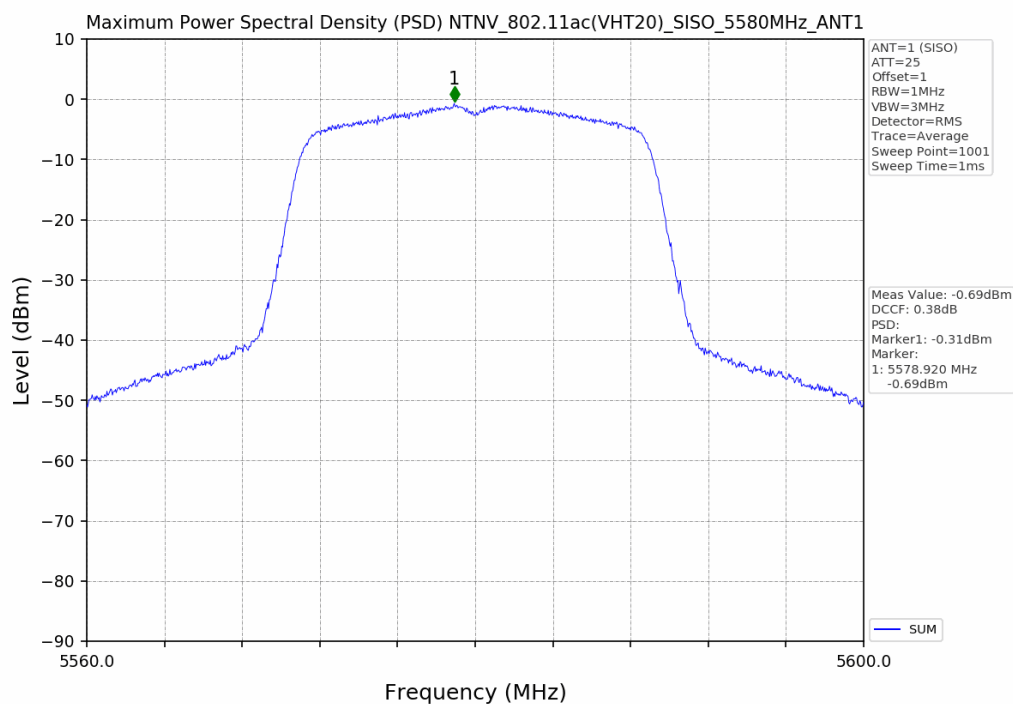
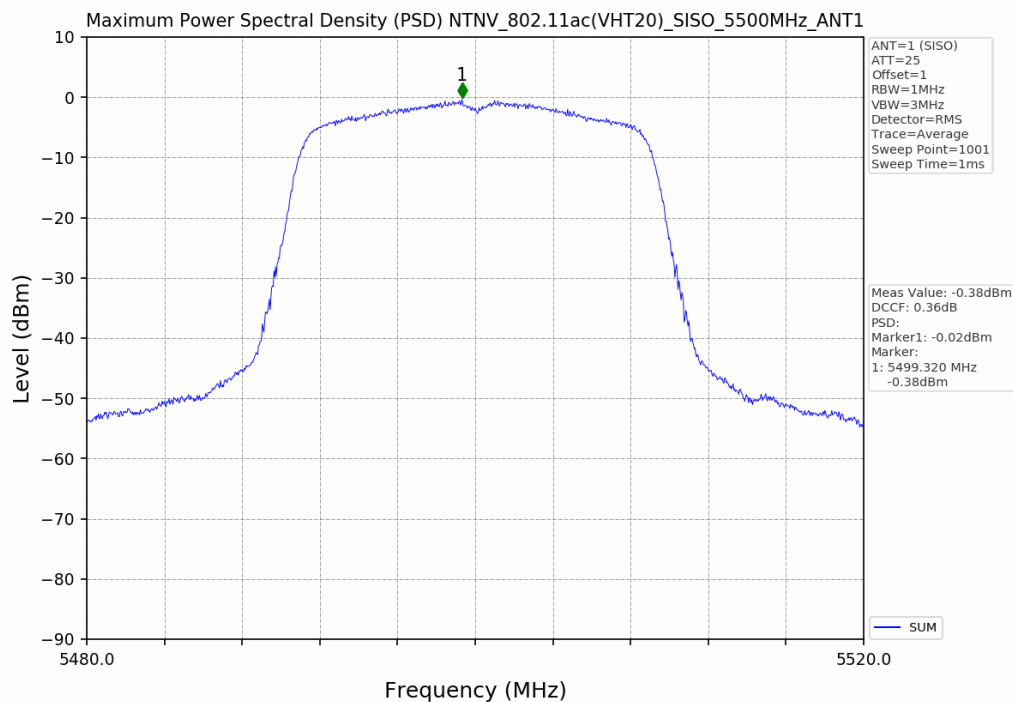


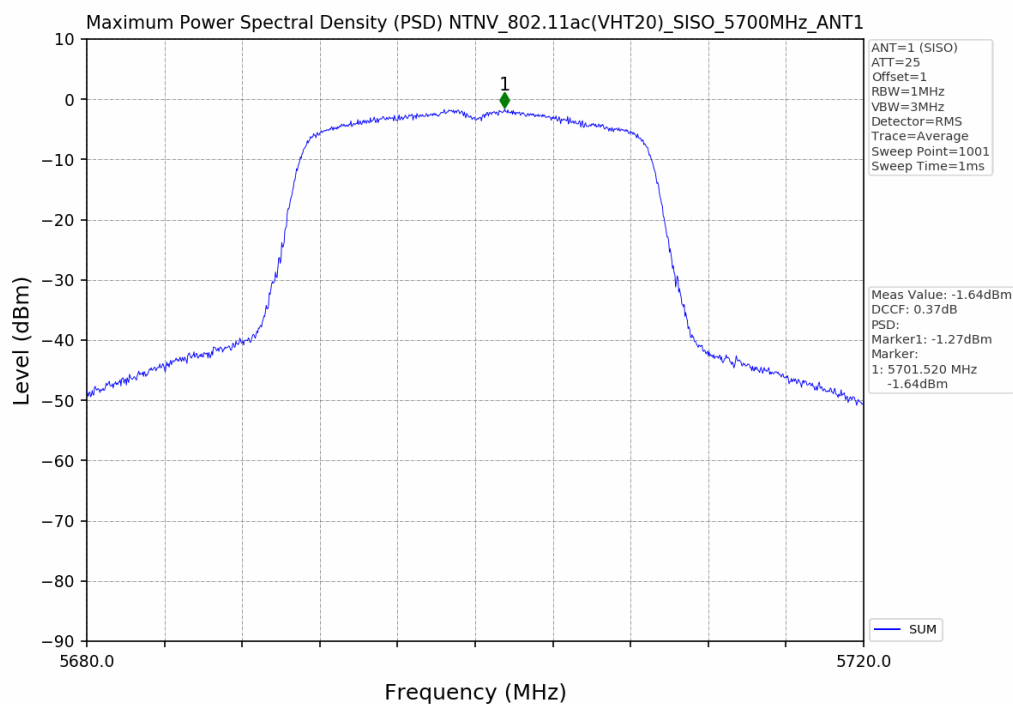
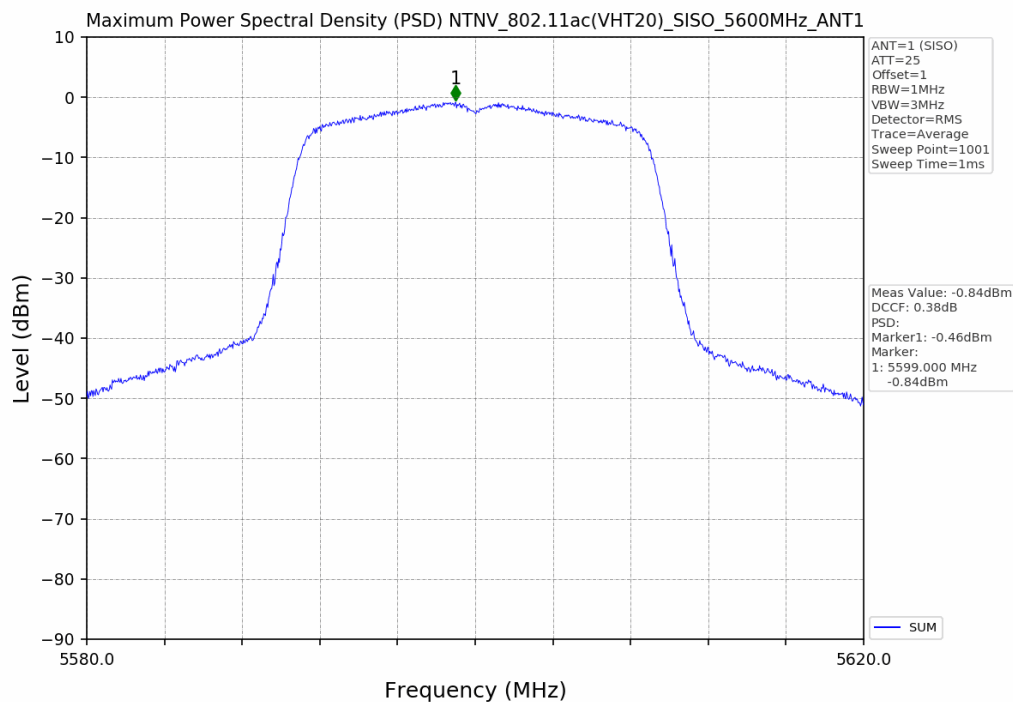


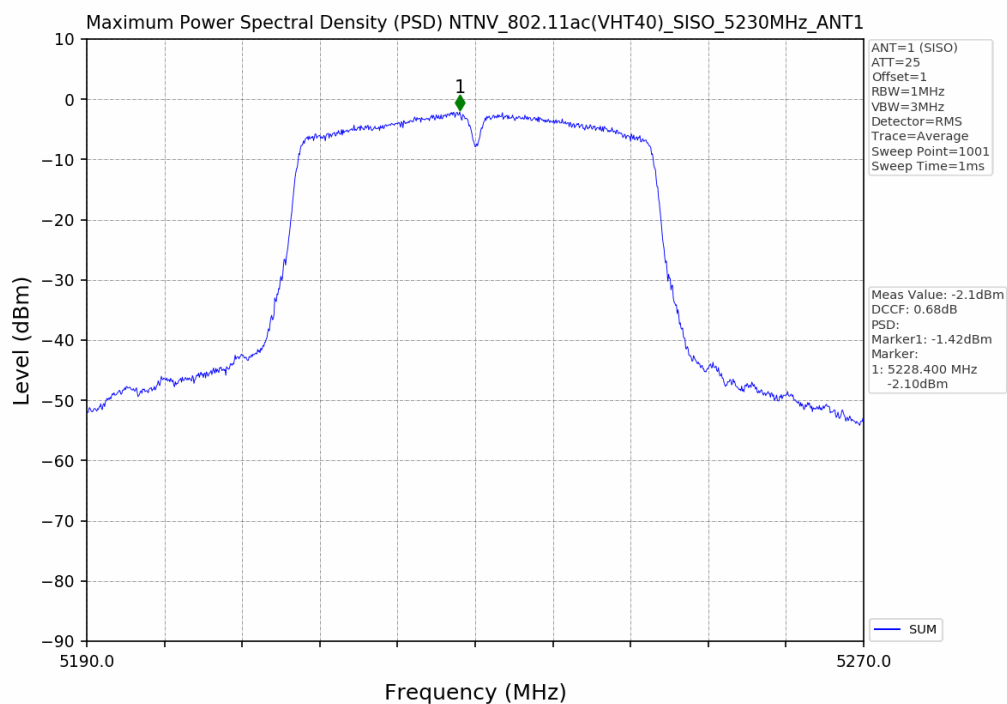
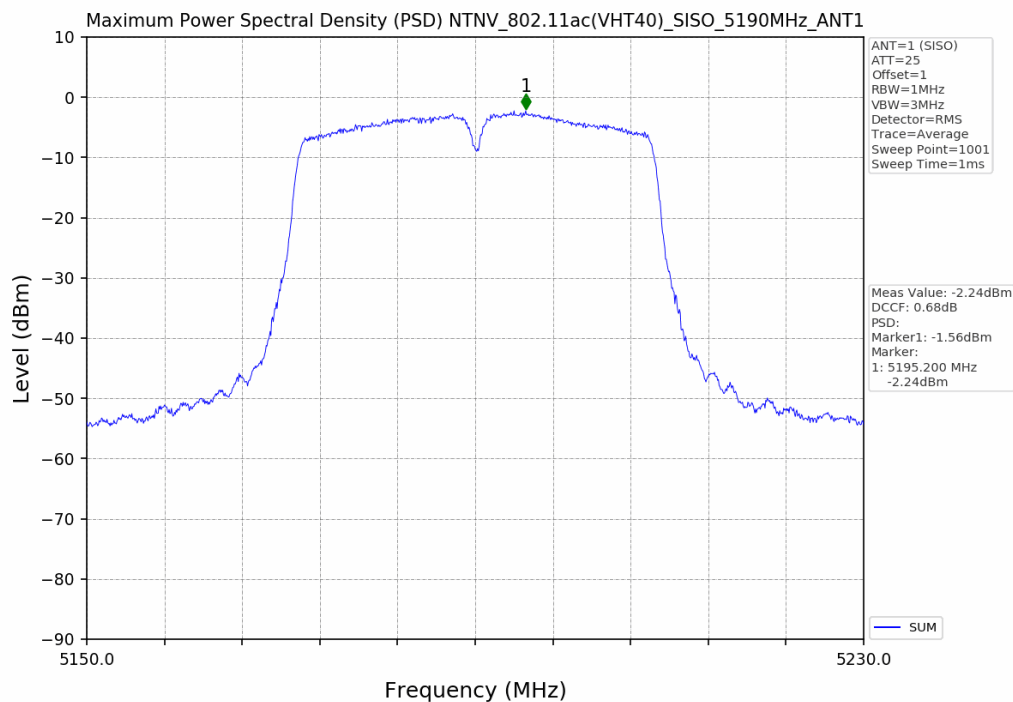


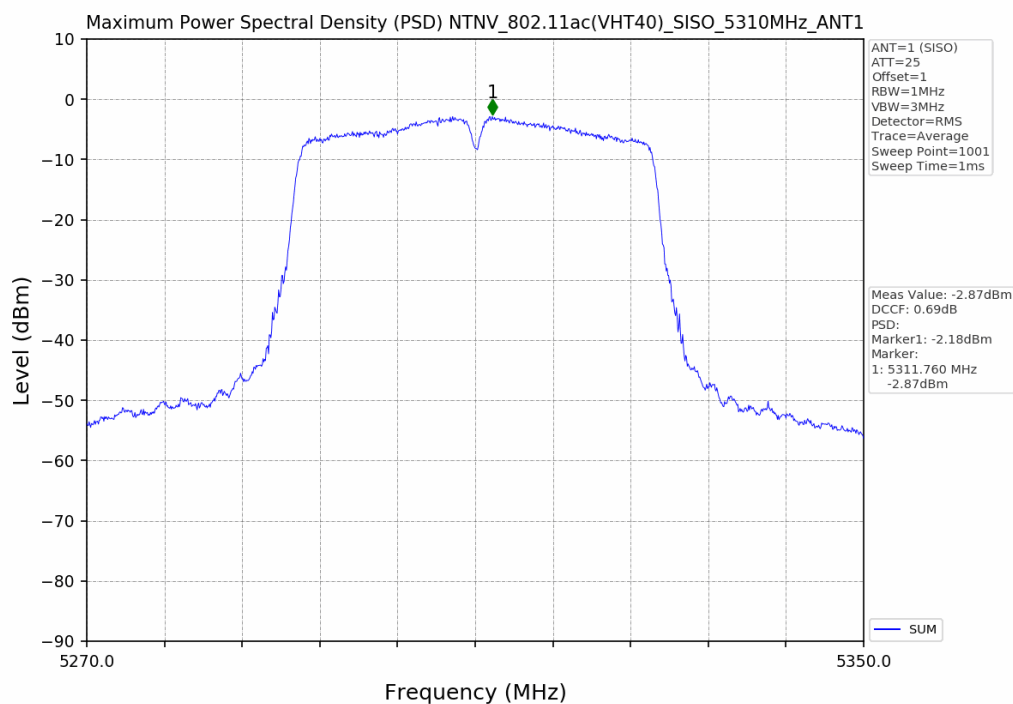
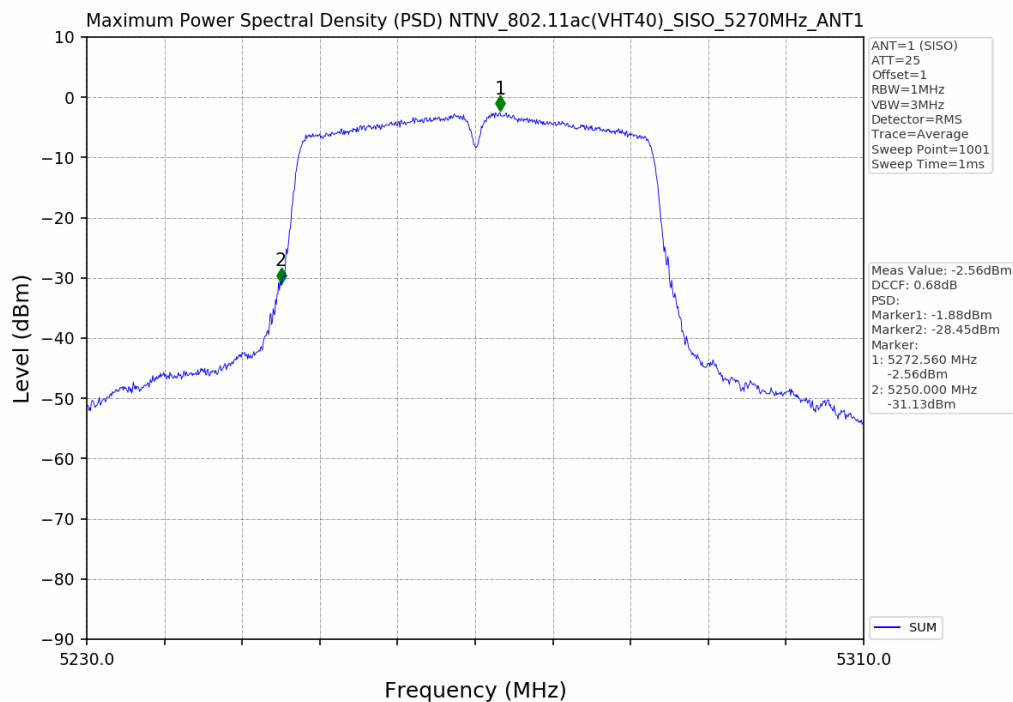


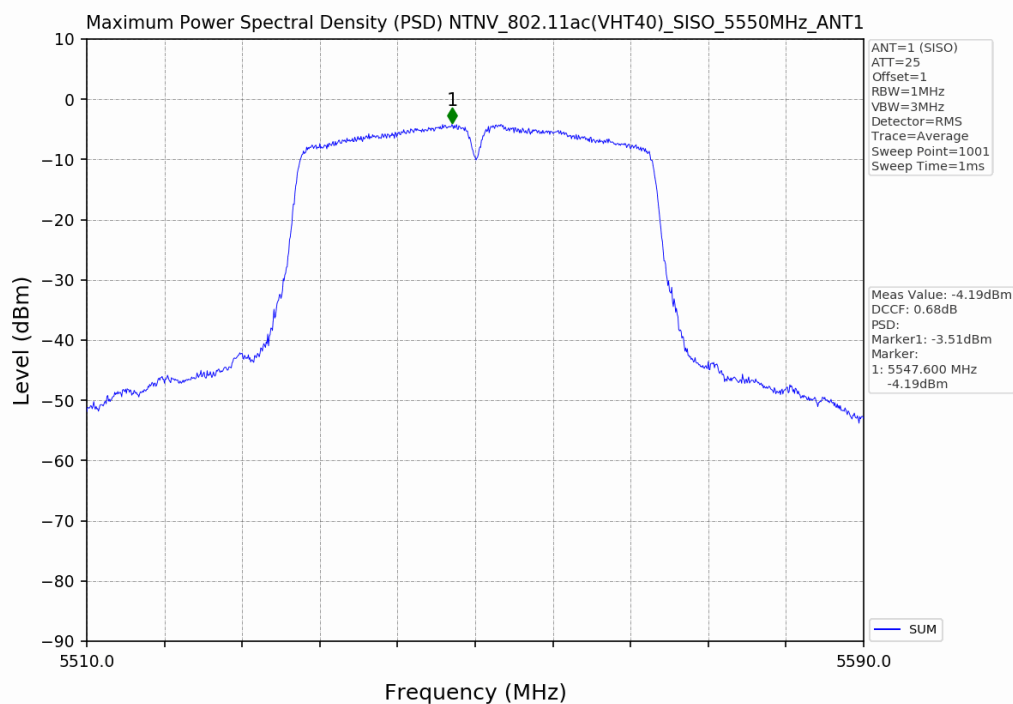
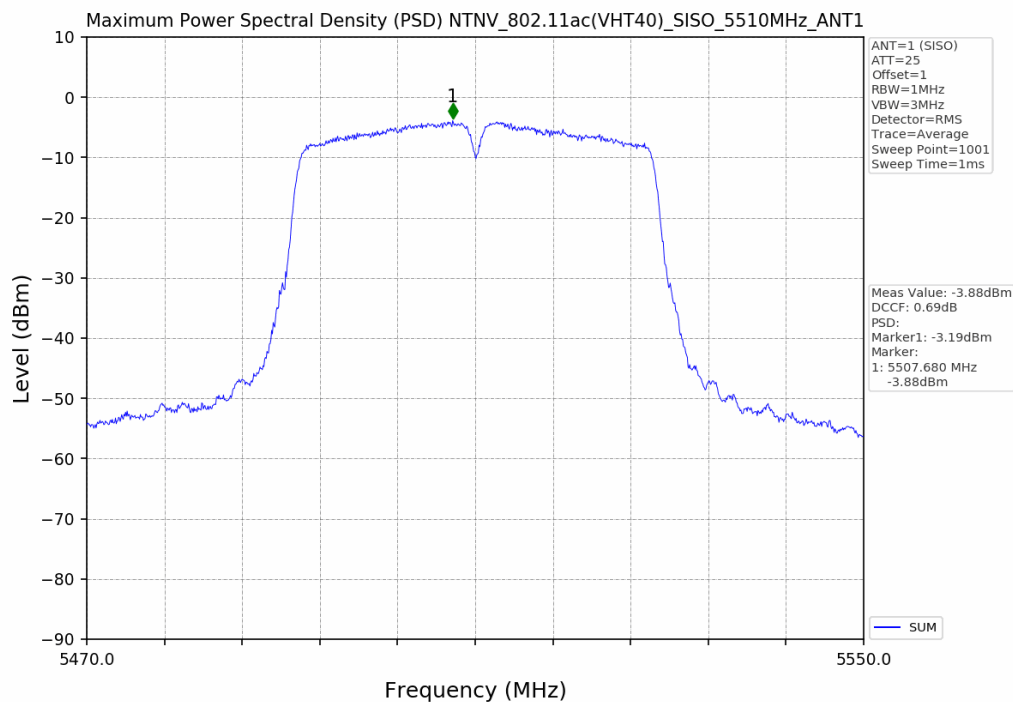


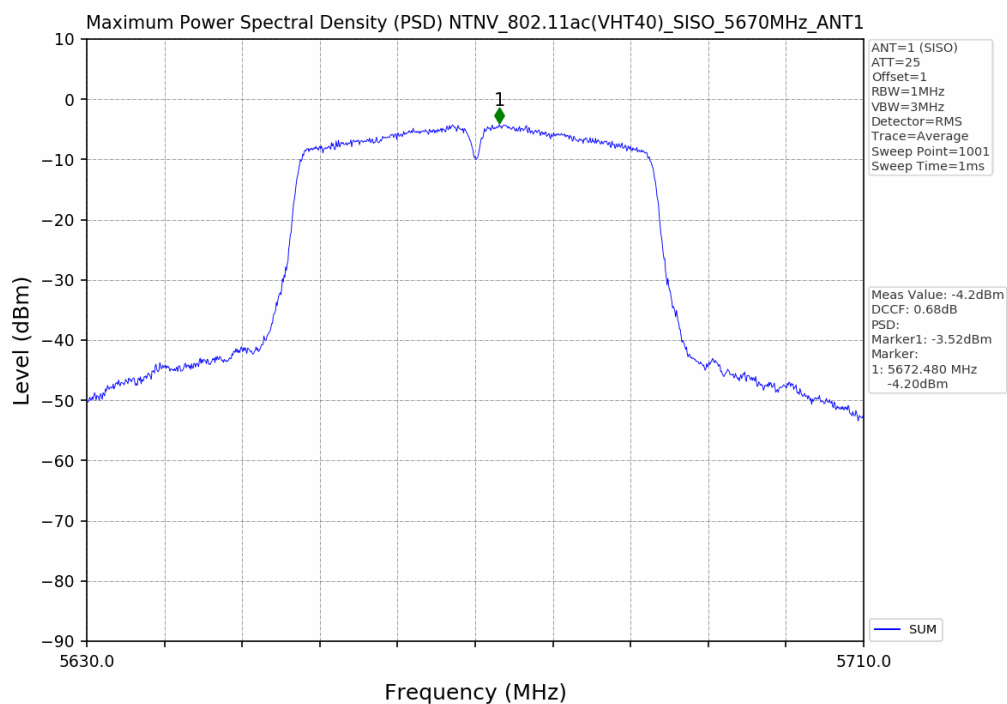
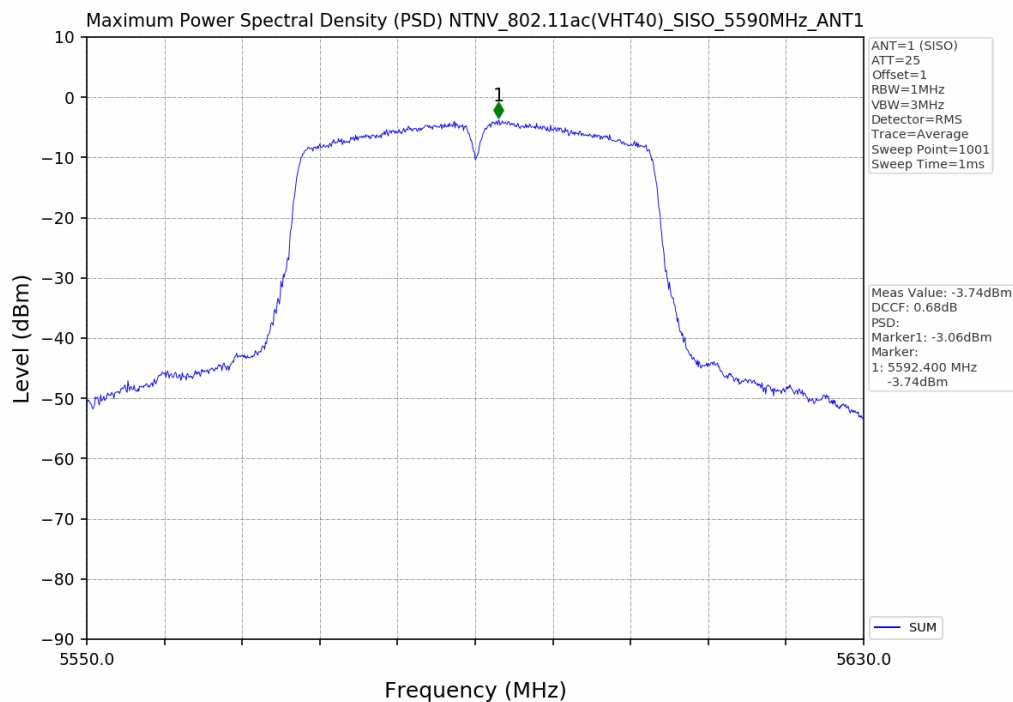


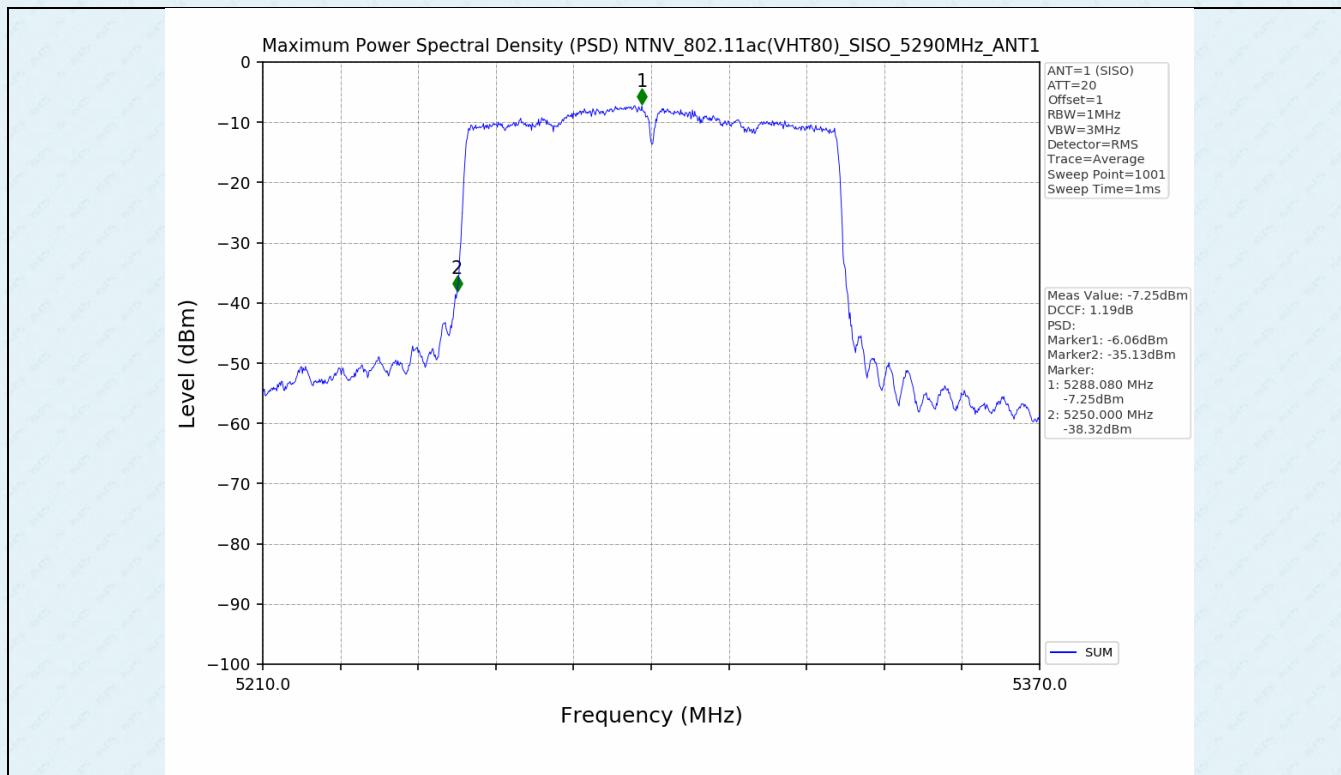
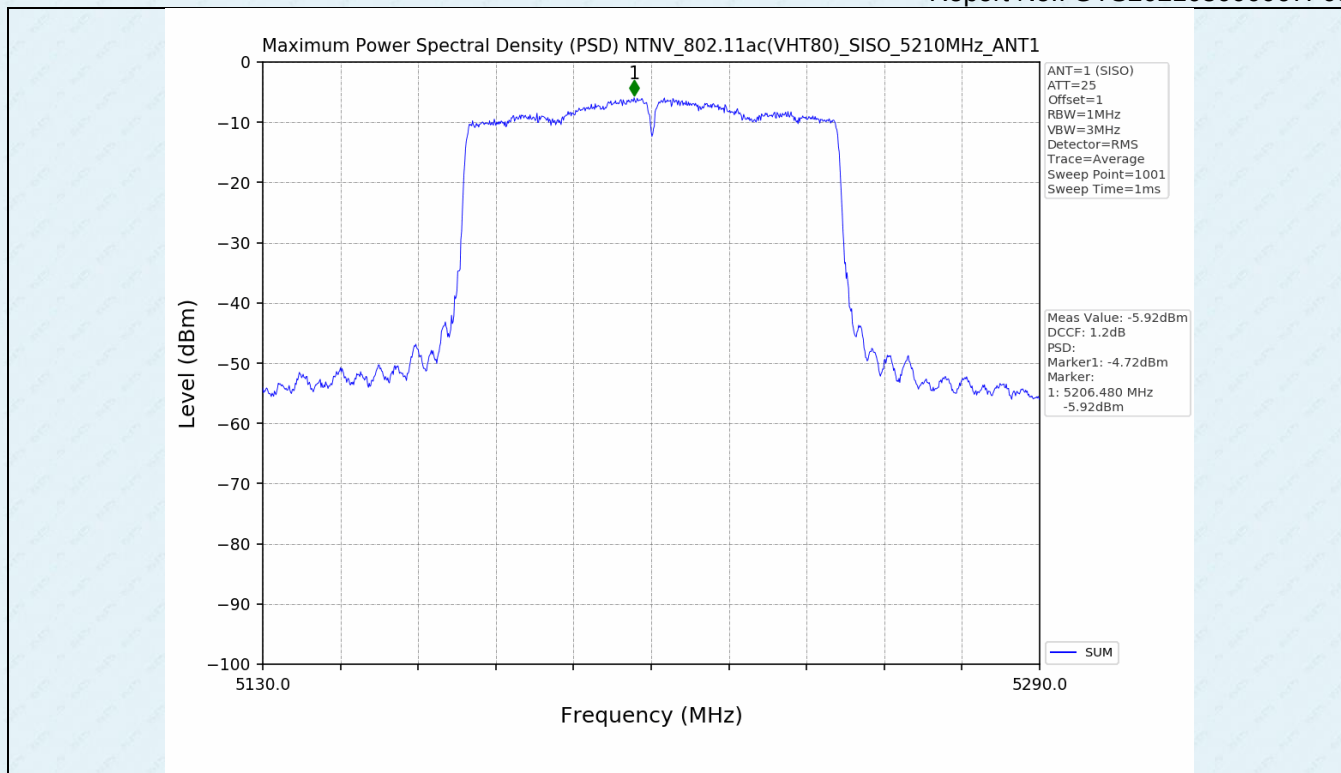


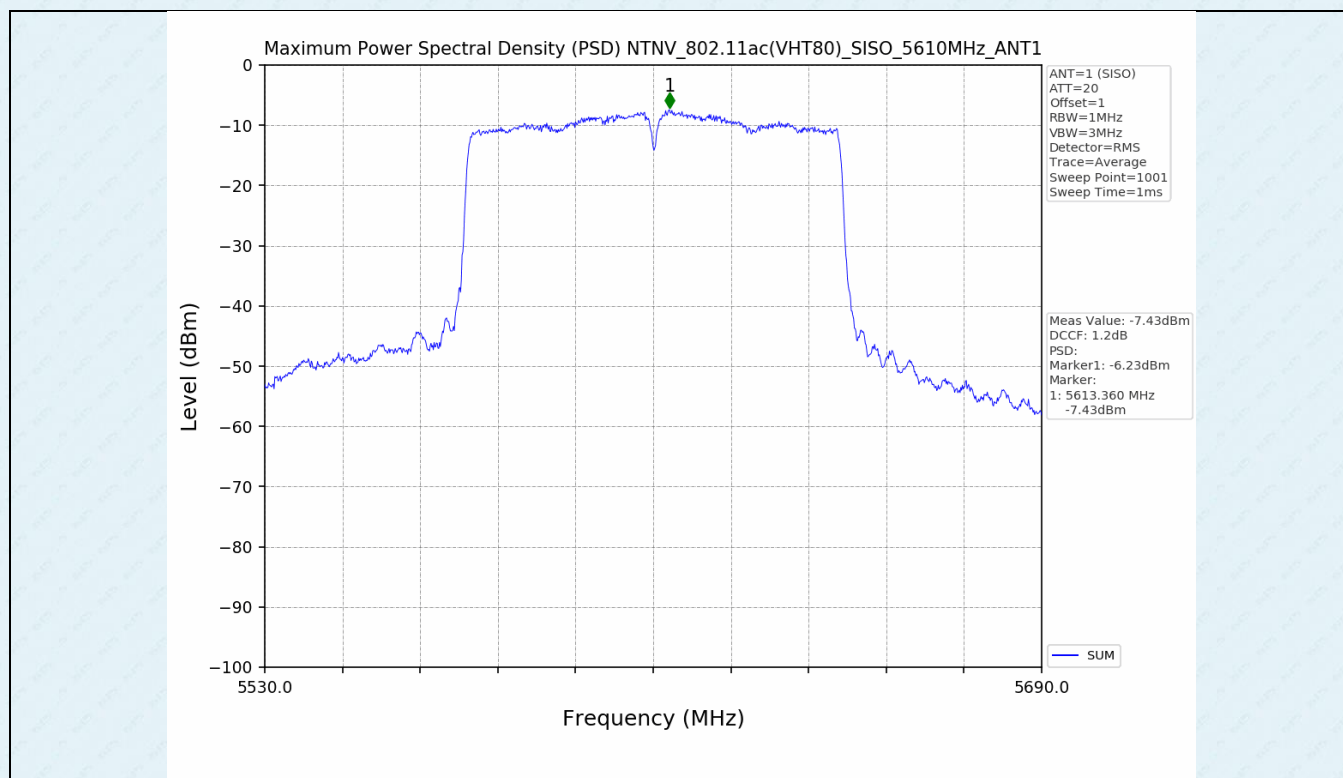
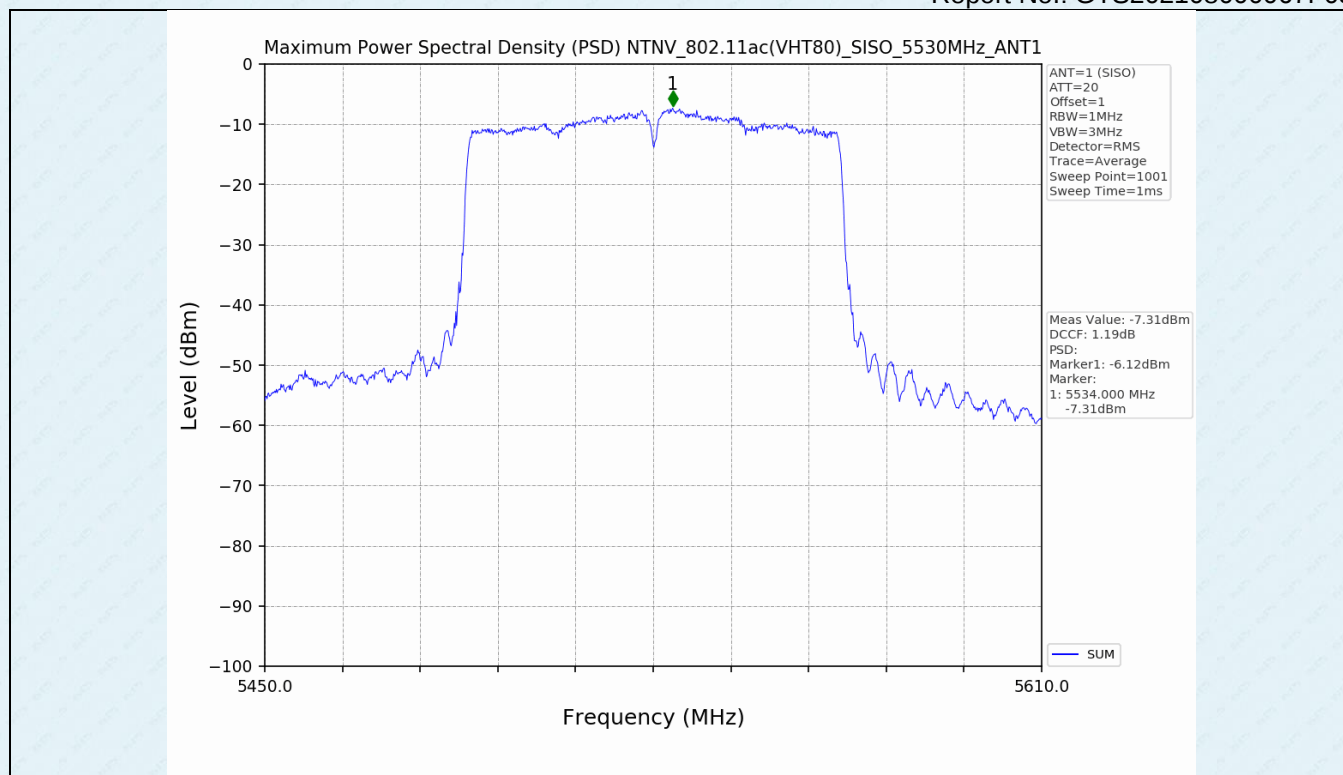












ANT 2:

