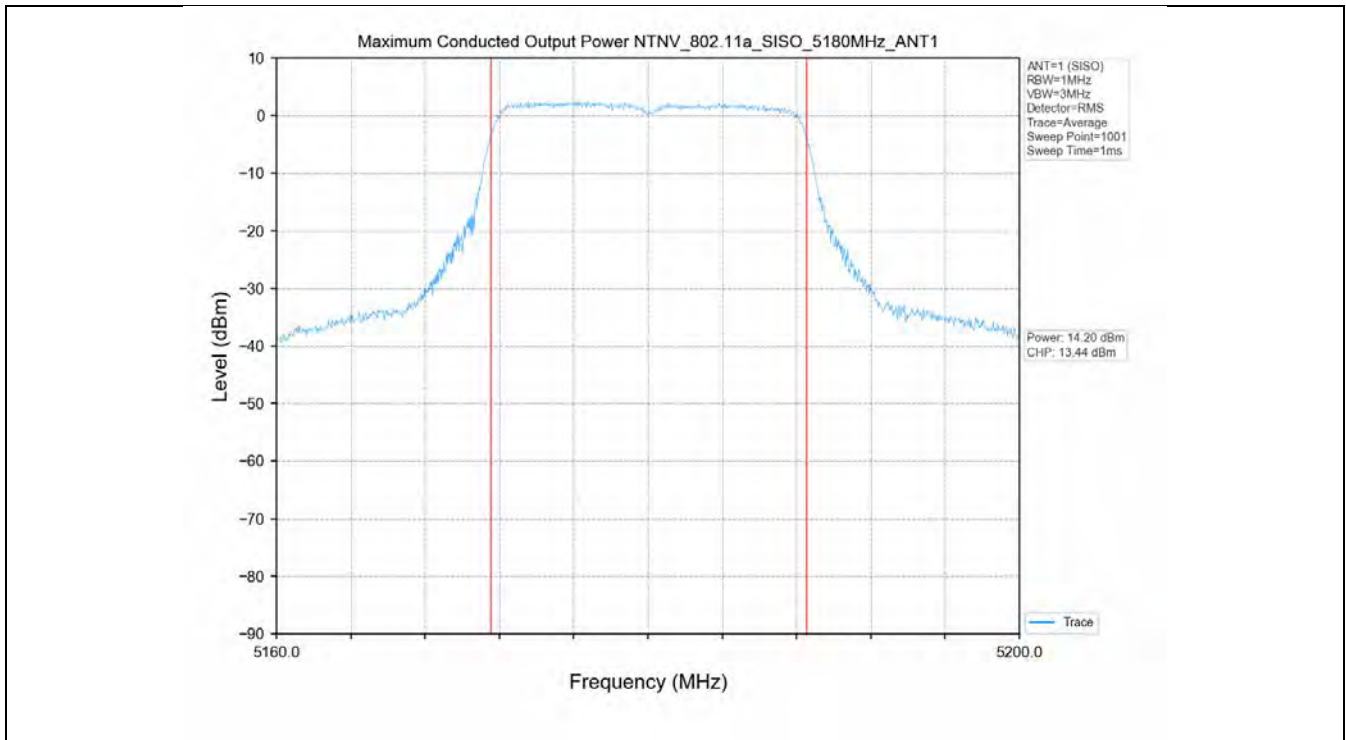
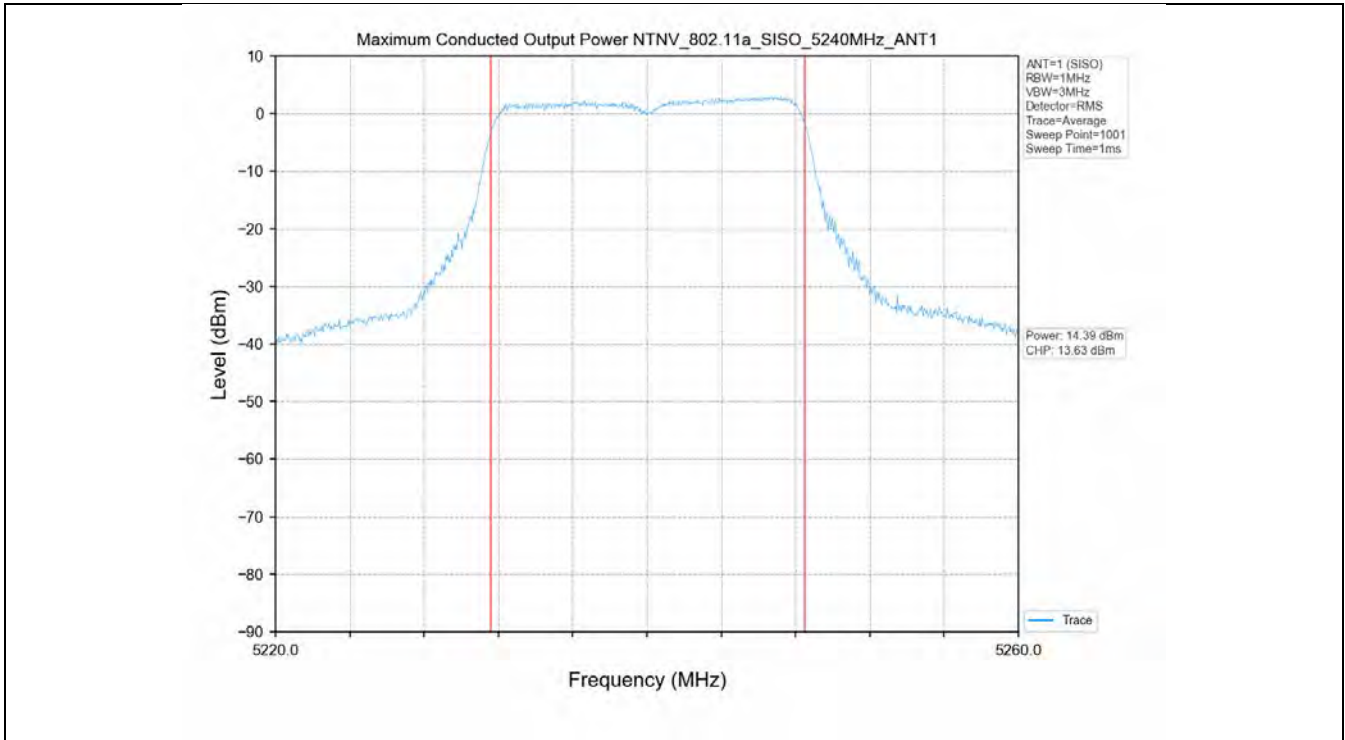
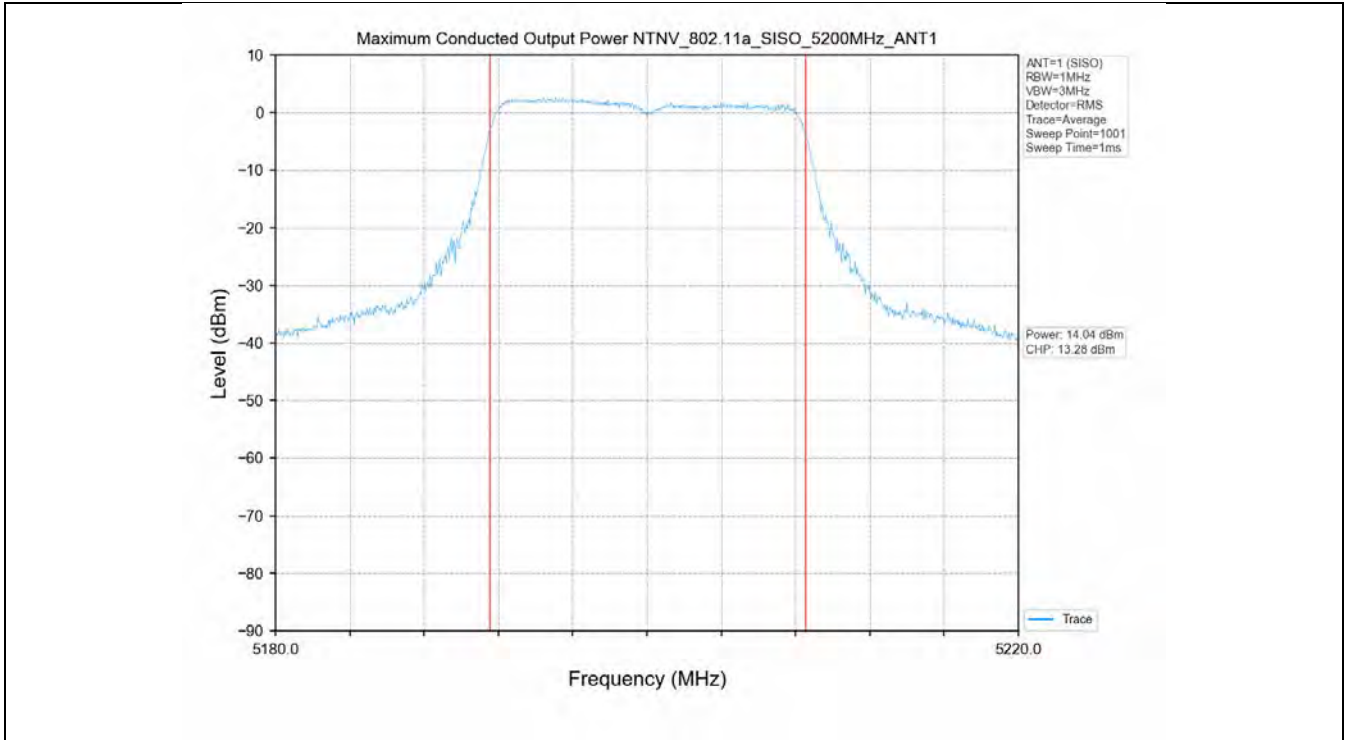


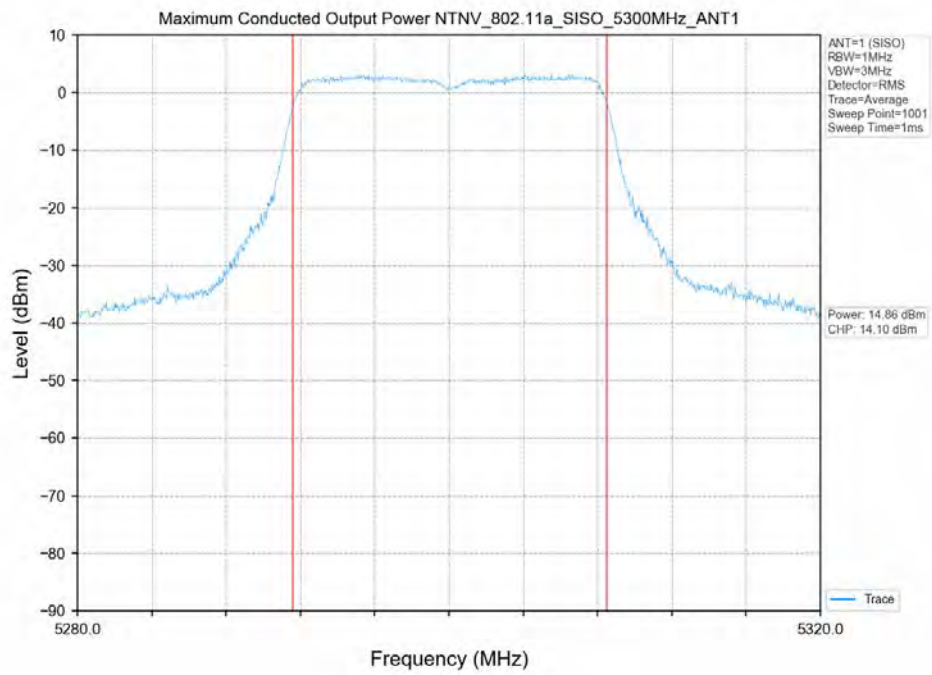
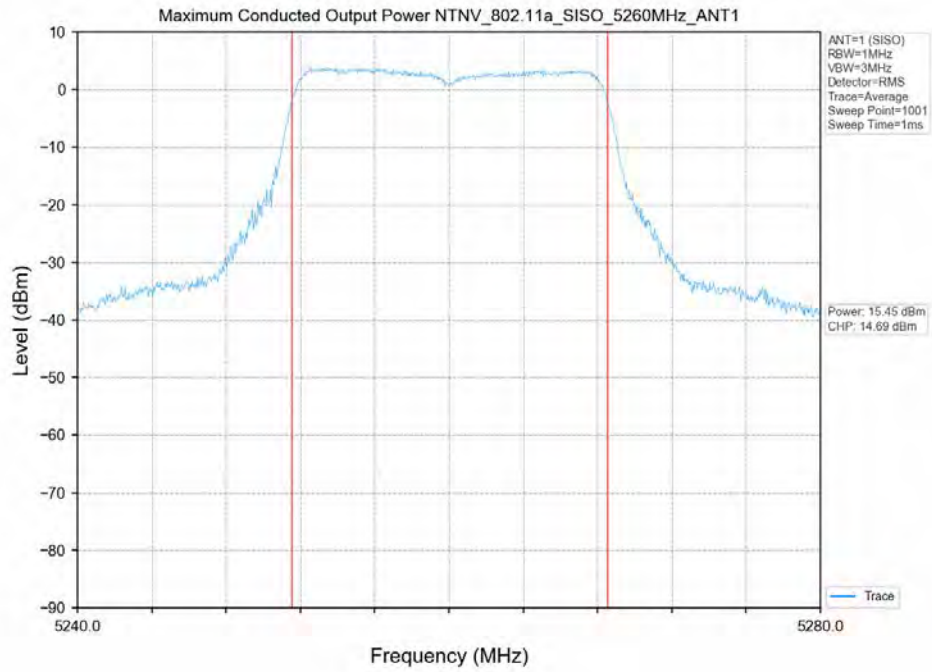
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			Ant 1	Ant 1		
802.11a	5180	SISO	14.2	19.07	≤23.98	PASS
	5200	SISO	14.04	18.91	≤23.98	PASS
	5240	SISO	14.39	19.26	≤23.98	PASS
	5260	SISO	15.45	/	≤23.98	PASS
	5300	SISO	14.86	/	≤23.98	PASS
	5320	SISO	15.62	/	≤23.98	PASS
	5500	SISO	11.9	/	≤23.98	PASS
	5580	SISO	10.61	/	≤23.98	PASS
	5600	SISO	11.28	/	≤23.98	PASS
	5700	SISO	10.73	/	≤23.98	PASS
	5745	SISO	11.53	/	≤30.00	PASS
	5785	SISO	9.91	/	≤30.00	PASS
802.11n(HT20)	5180	SISO	14.36	19.23	≤23.98	PASS
	5200	SISO	14.23	19.1	≤23.98	PASS
	5240	SISO	14.61	19.48	≤23.98	PASS
	5260	SISO	15.62	/	≤23.98	PASS
	5300	SISO	15.02	/	≤23.98	PASS
	5320	SISO	15.83	/	≤23.98	PASS
	5500	SISO	11.98	/	≤23.98	PASS
	5580	SISO	10.81	/	≤23.98	PASS
	5600	SISO	11.4	/	≤23.98	PASS
	5700	SISO	10.39	/	≤23.98	PASS
	5745	SISO	11.43	/	≤30.00	PASS
	5785	SISO	10	/	≤30.00	PASS
802.11n(HT40)	5190	SISO	15.41	20.28	≤23.98	PASS
	5230	SISO	15.46	20.33	≤23.98	PASS
	5270	SISO	16.29	/	≤23.98	PASS
	5310	SISO	16.3	/	≤23.98	PASS
	5510	SISO	12.26	/	≤23.98	PASS
	5550	SISO	11.61	/	≤23.98	PASS
	5590	SISO	12.11	/	≤23.98	PASS
	5670	SISO	12.07	/	≤23.98	PASS
	5755	SISO	12.2	/	≤30.00	PASS
	5795	SISO	11.73	/	≤30.00	PASS
802.11ac(VHT20)	5180	SISO	14.47	19.34	≤23.98	PASS
	5200	SISO	14.21	19.08	≤23.98	PASS
	5240	SISO	14.8	19.67	≤23.98	PASS
	5260	SISO	15.63	/	≤23.98	PASS
	5300	SISO	14.94	/	≤23.98	PASS
	5320	SISO	15.79	/	≤23.98	PASS
	5500	SISO	12.37	/	≤23.98	PASS
	5580	SISO	10.85	/	≤23.98	PASS
	5600	SISO	11.27	/	≤23.98	PASS
	5700	SISO	10.64	/	≤23.98	PASS
	5745	SISO	11.65	/	≤30.00	PASS
	5785	SISO	10.19	/	≤30.00	PASS
802.11ac(VHT40)	5190	SISO	15.5	20.37	≤23.98	PASS
	5230	SISO	15.27	20.14	≤23.98	PASS
	5270	SISO	16.45	/	≤23.98	PASS
	5310	SISO	16.35	/	≤23.98	PASS

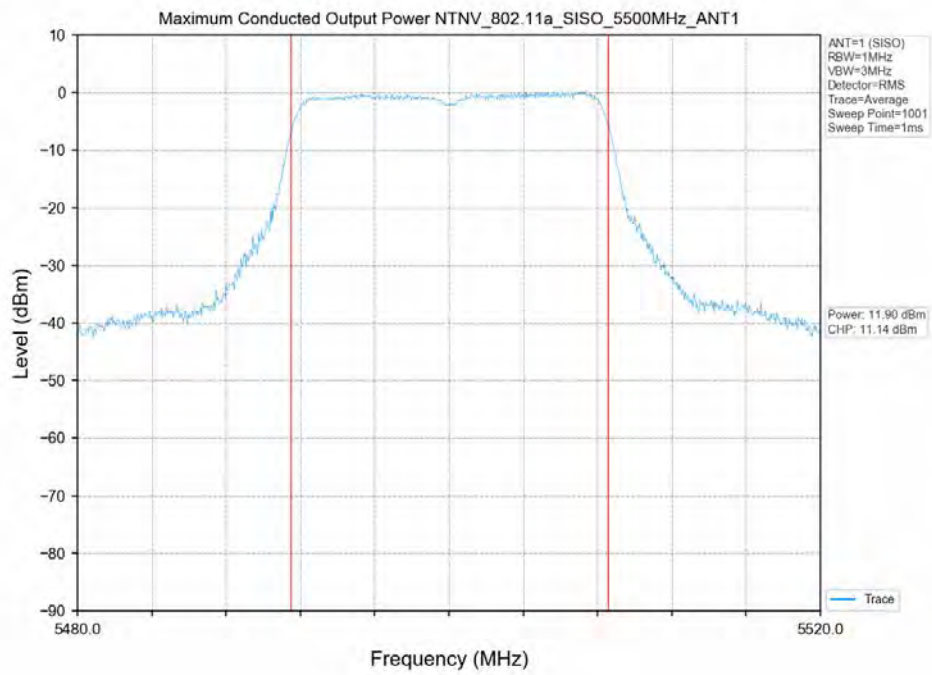
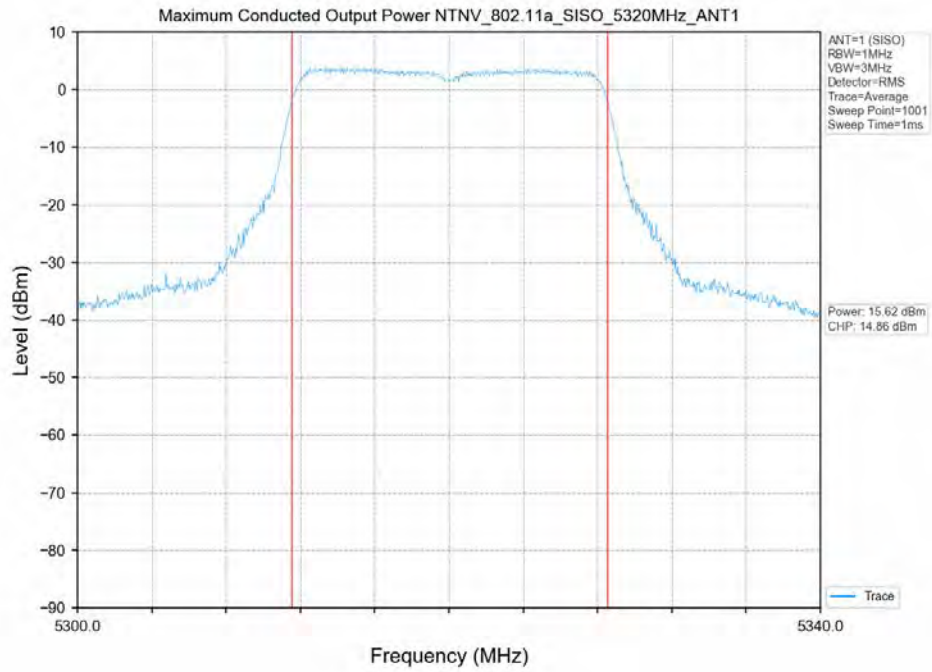
	5510	SISO	12.31	/	≤23.98	PASS
	5550	SISO	11.7	/	≤23.98	PASS
	5590	SISO	11.99	/	≤23.98	PASS
	5670	SISO	12.2	/	≤23.98	PASS
	5755	SISO	12.22	/	≤30.00	PASS
	5795	SISO	12.02	/	≤30.00	PASS
802.11ac(VHT80)	5210	SISO	16.06	20.93	≤23.98	PASS
	5290	SISO	16.94	/	≤23.98	PASS
	5530	SISO	12.77	/	≤23.98	PASS
	5610	SISO	12.08	/	≤23.98	PASS
	5775	SISO	12.05	/	≤30.00	PASS

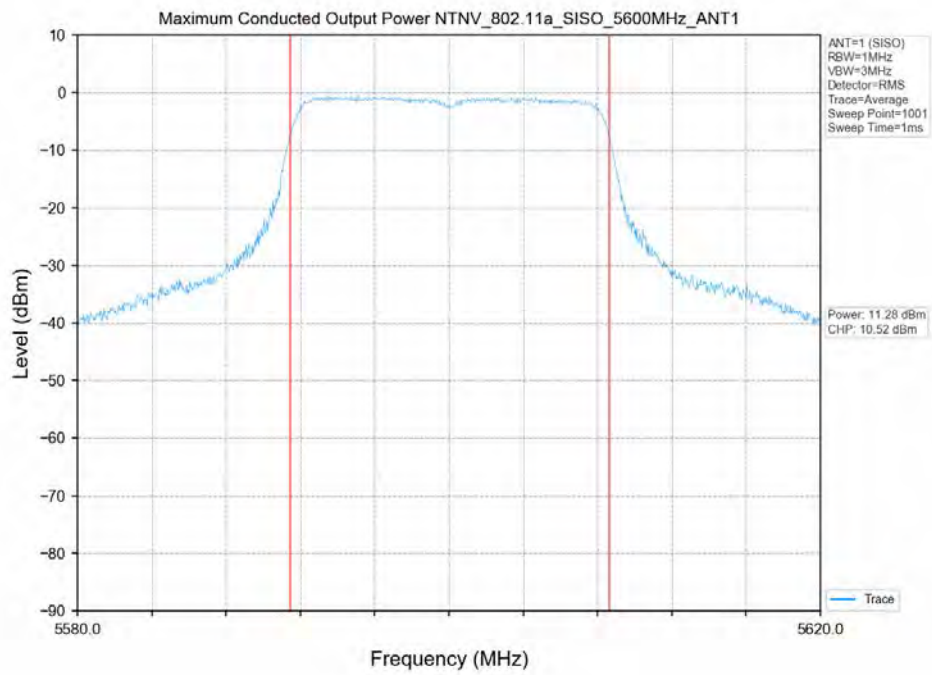
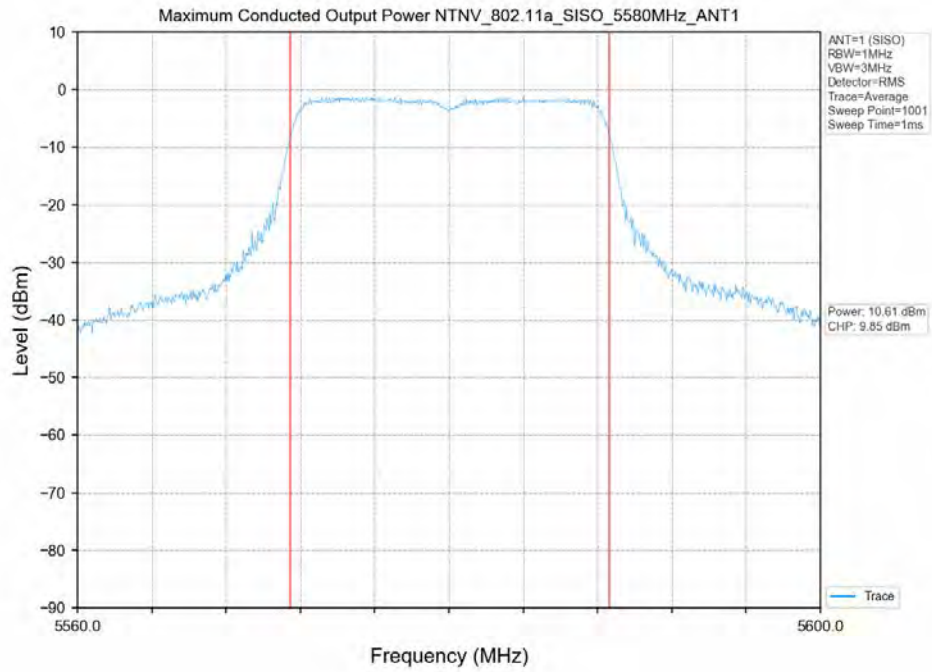
3.2 Test Graph

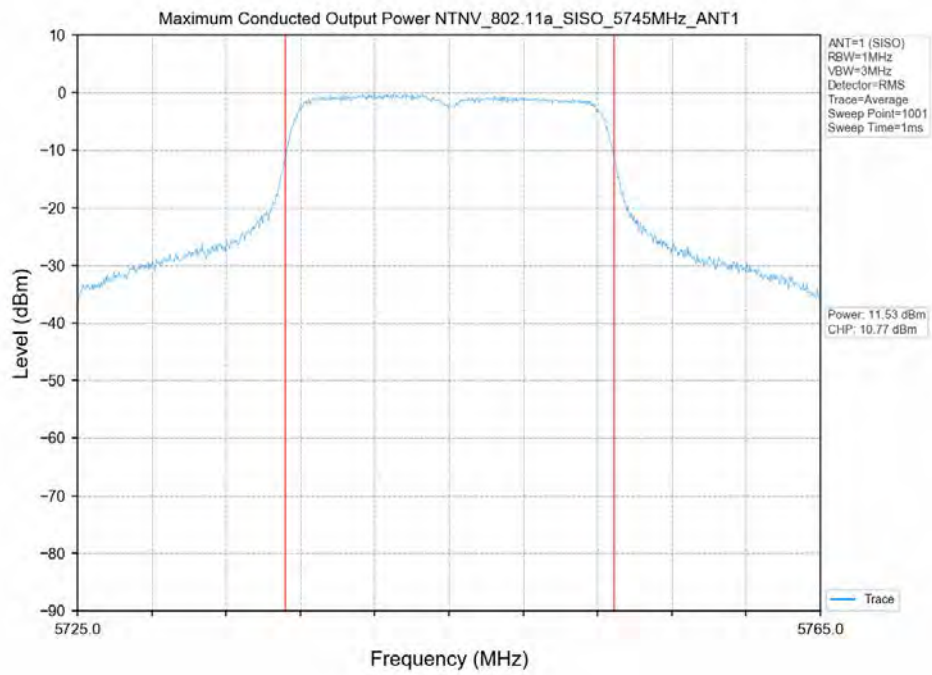
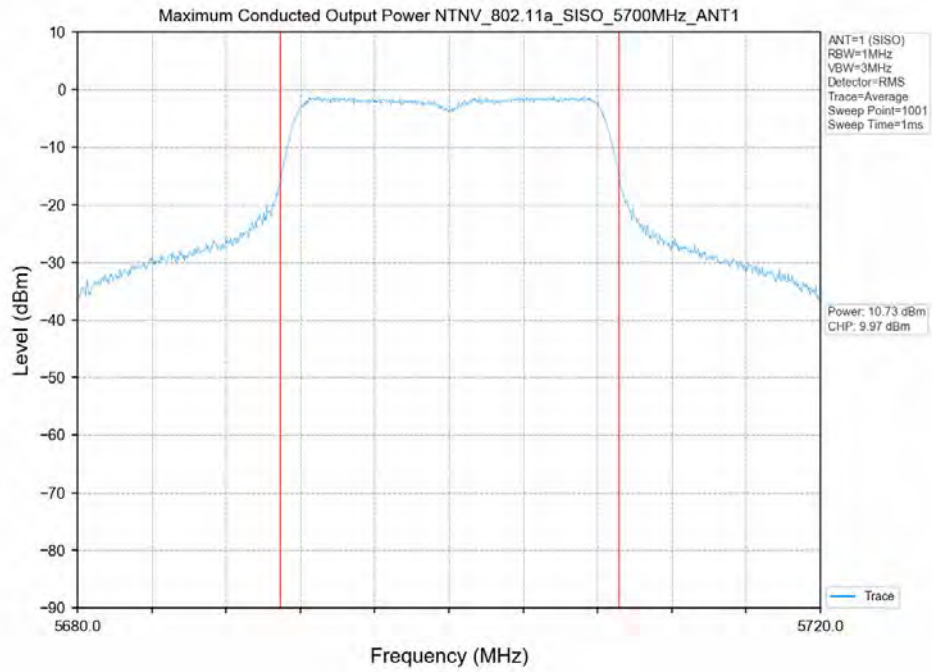


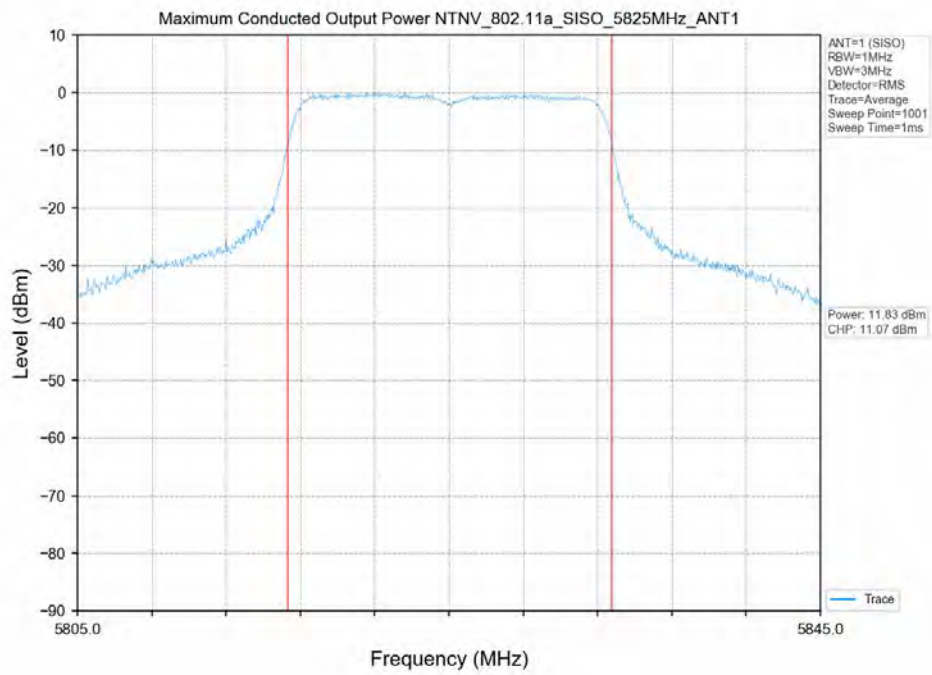
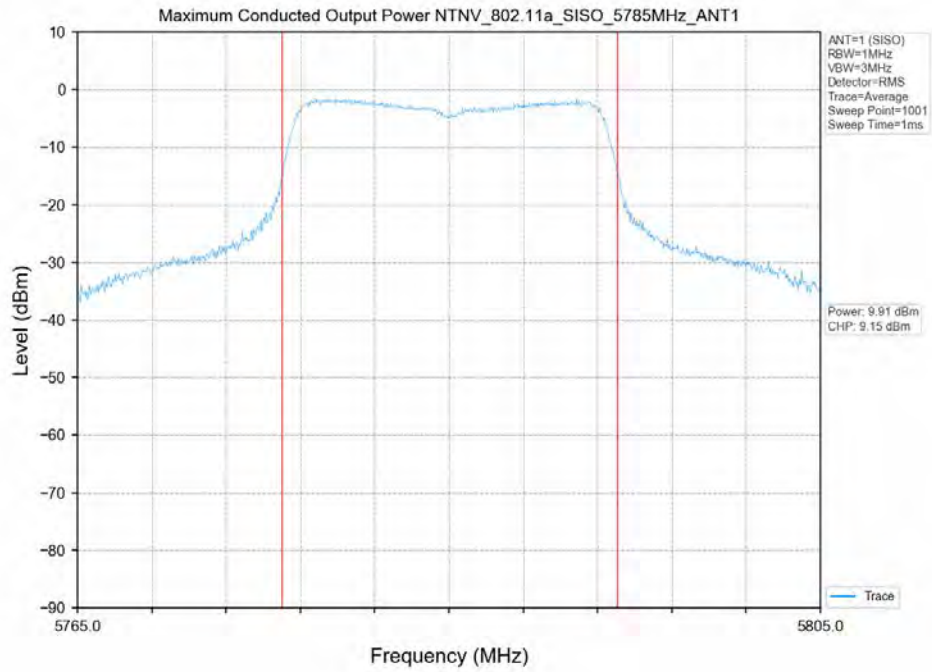


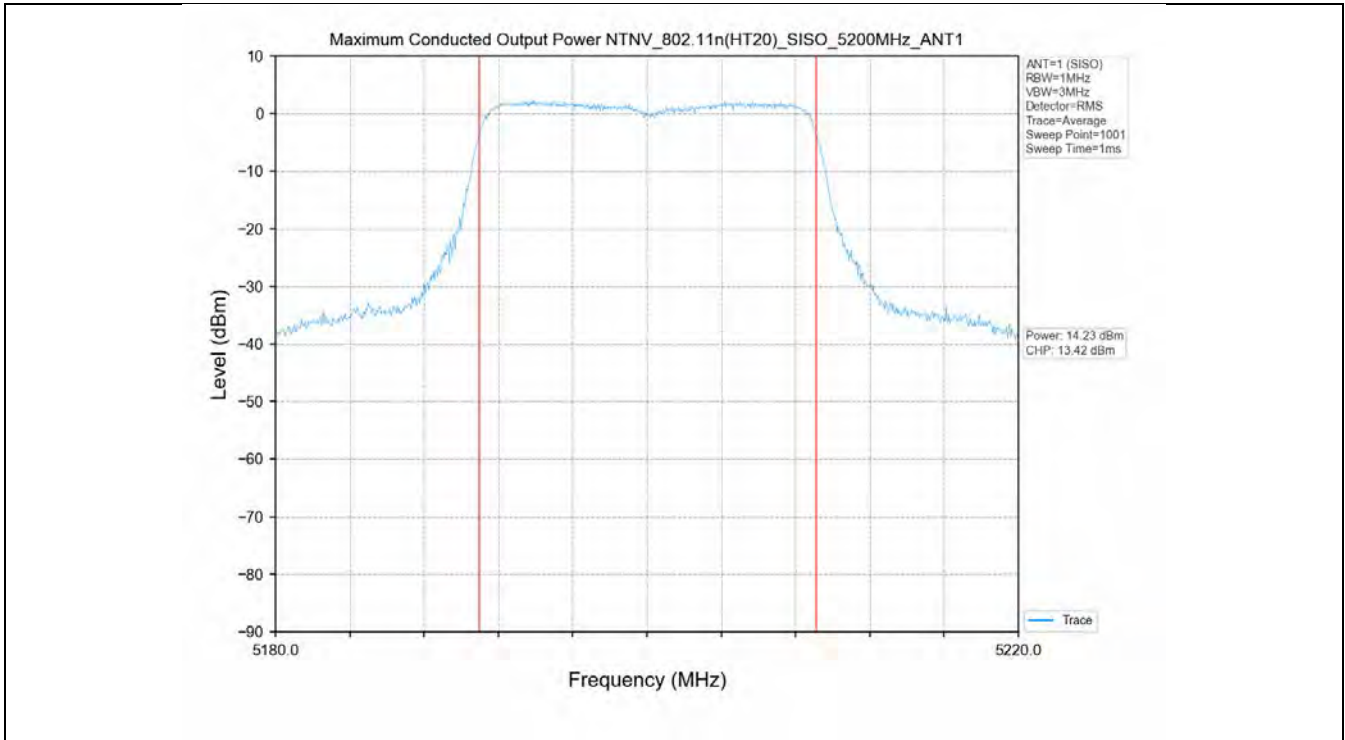
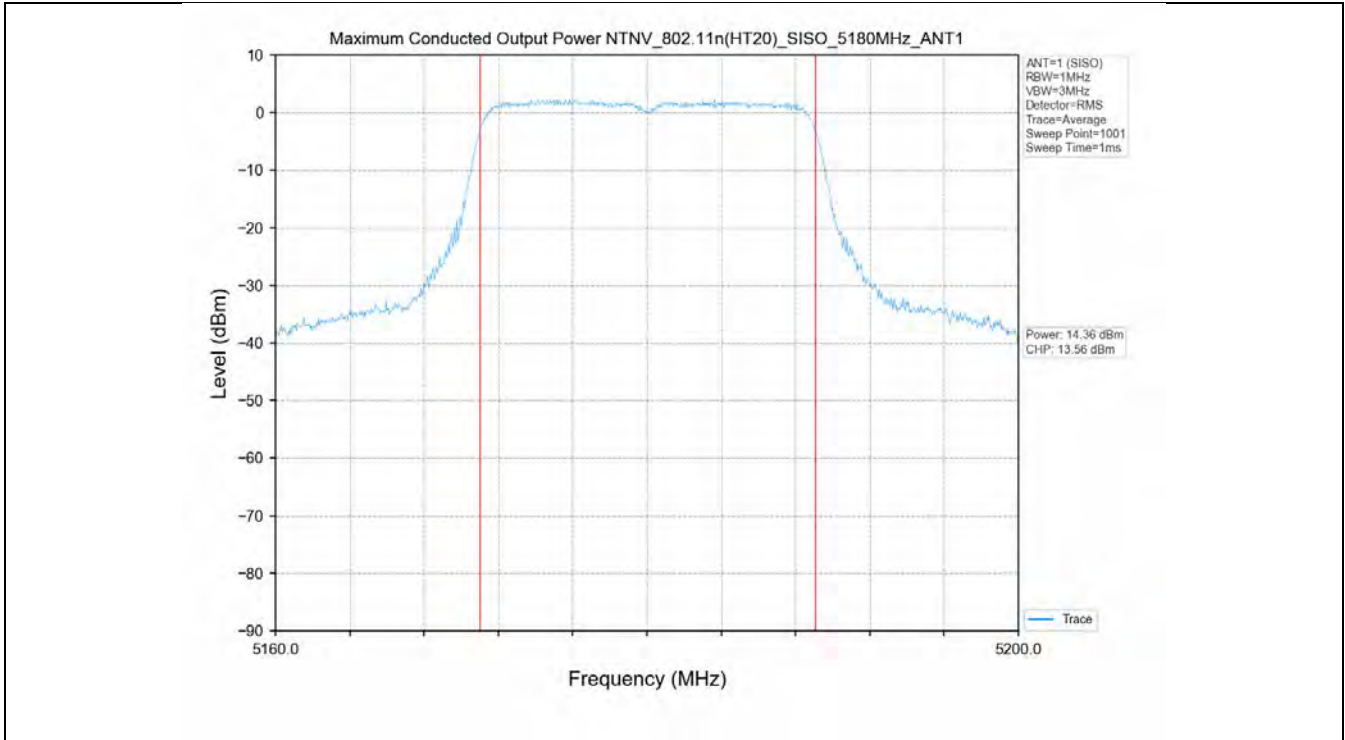


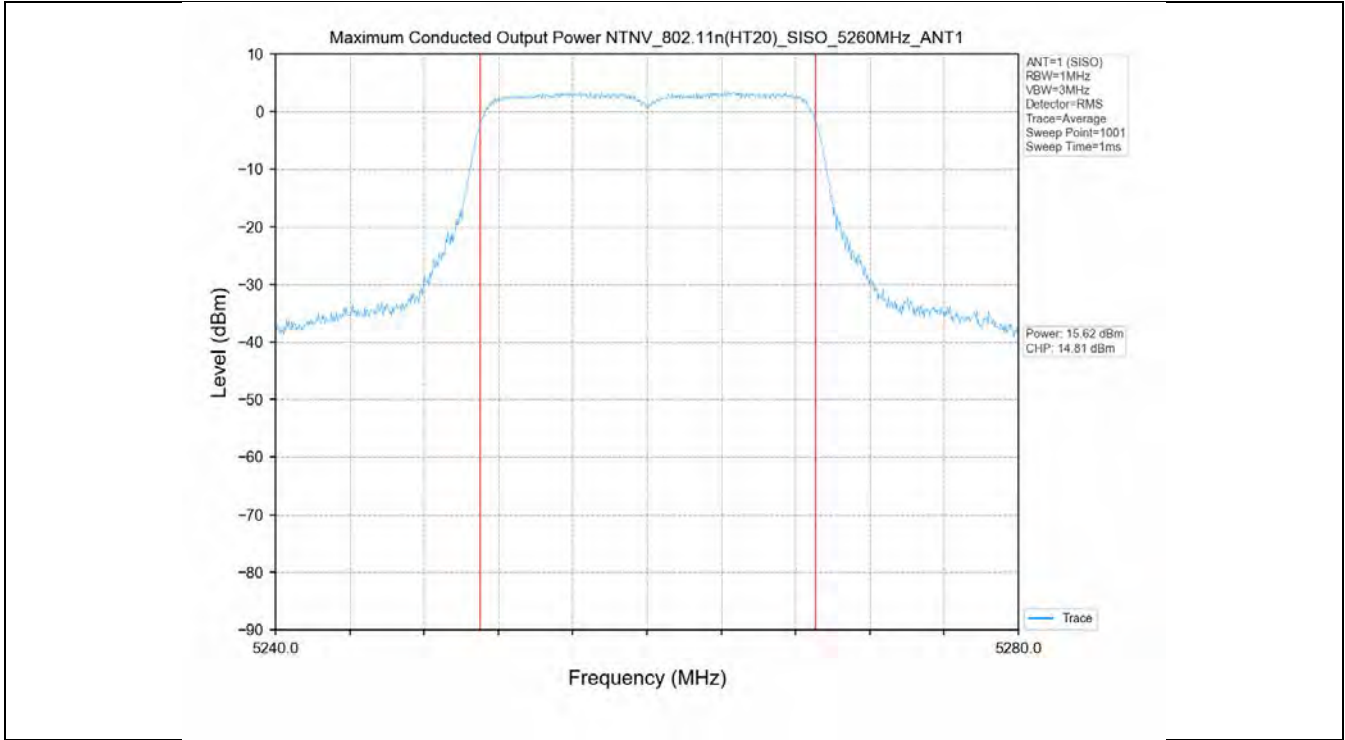
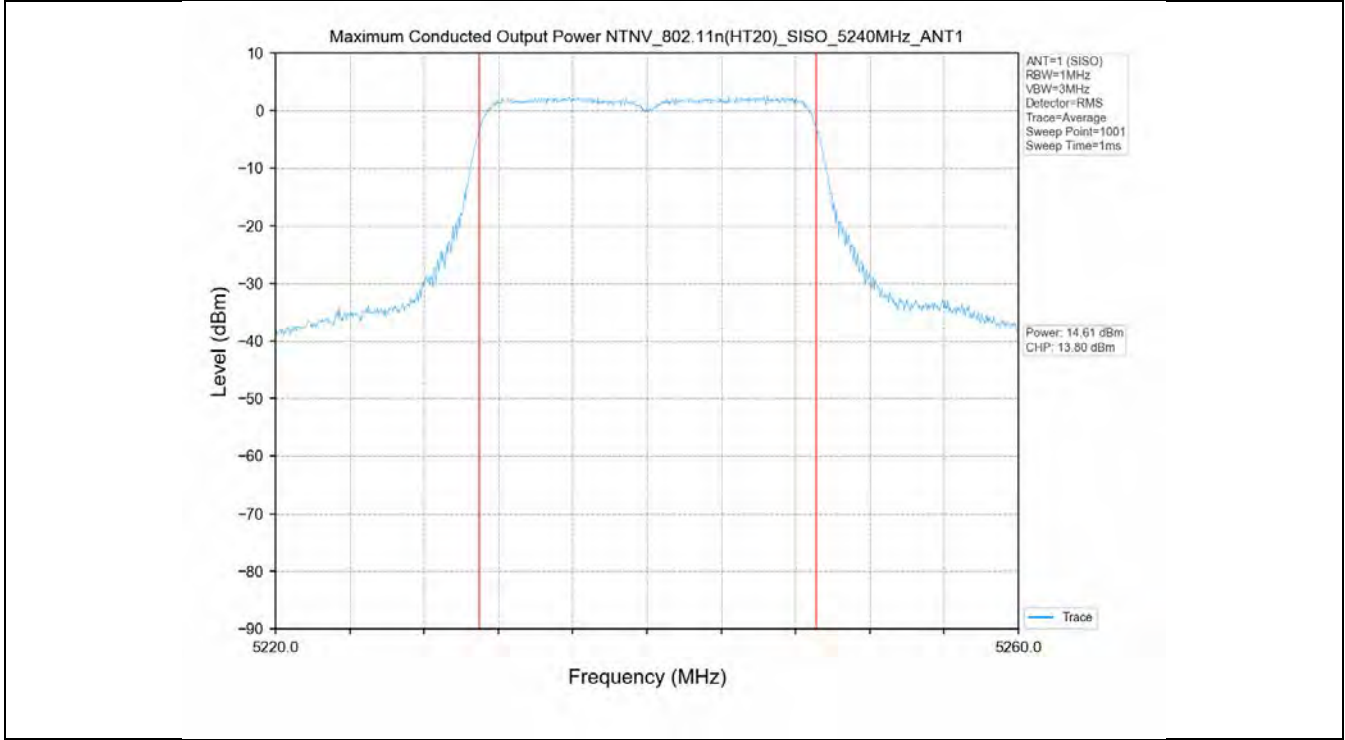


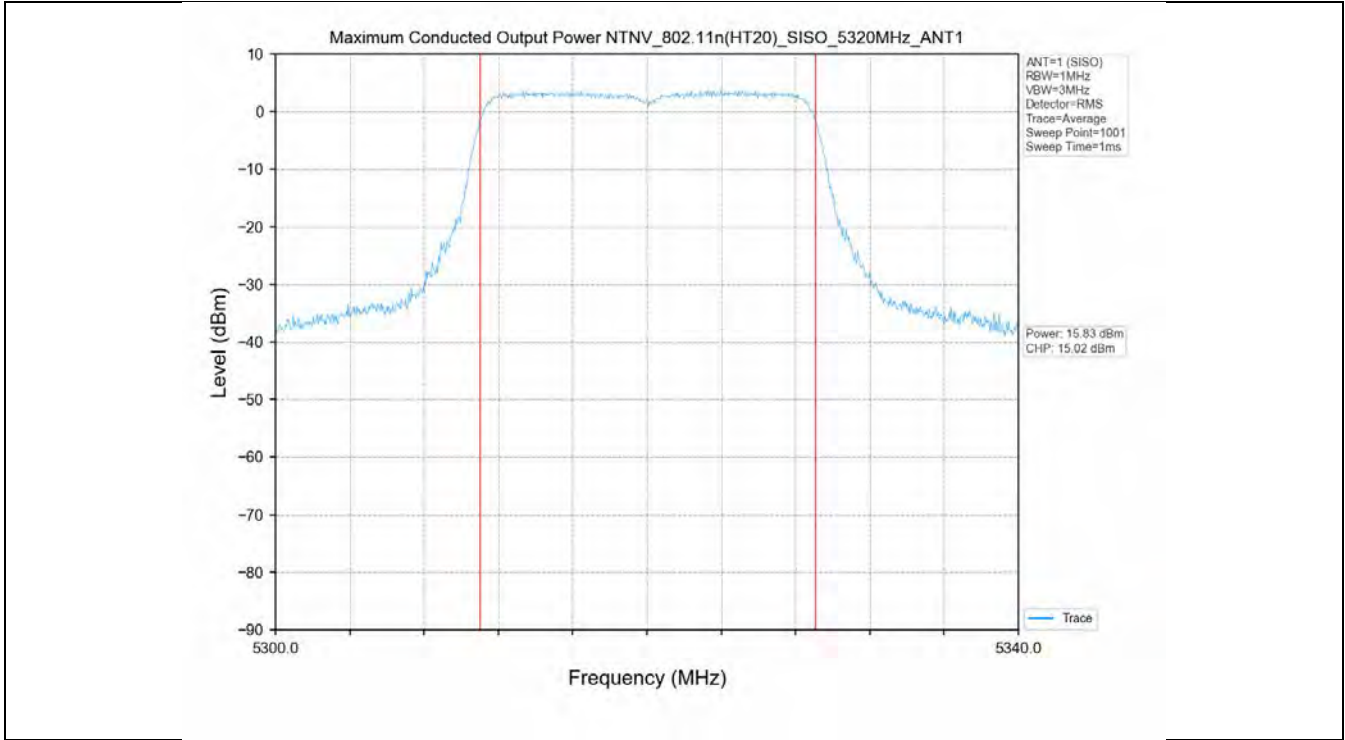
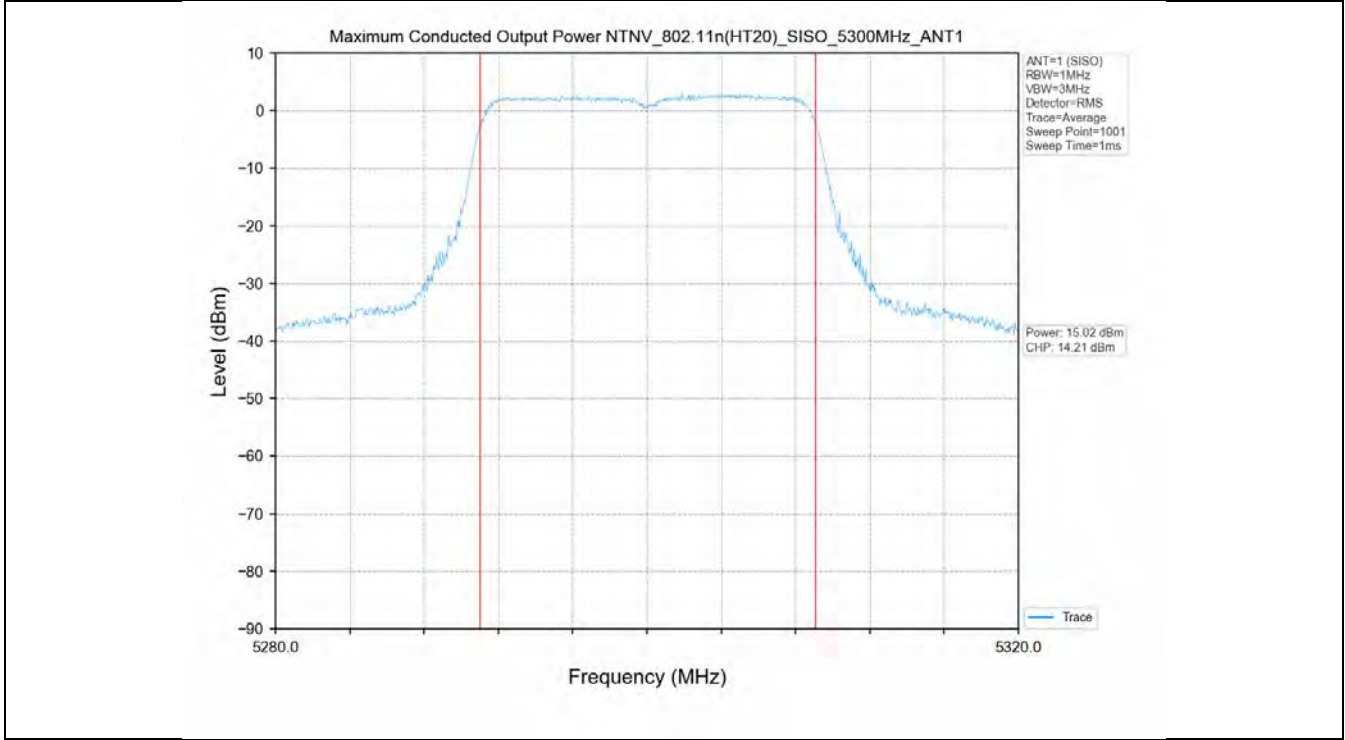


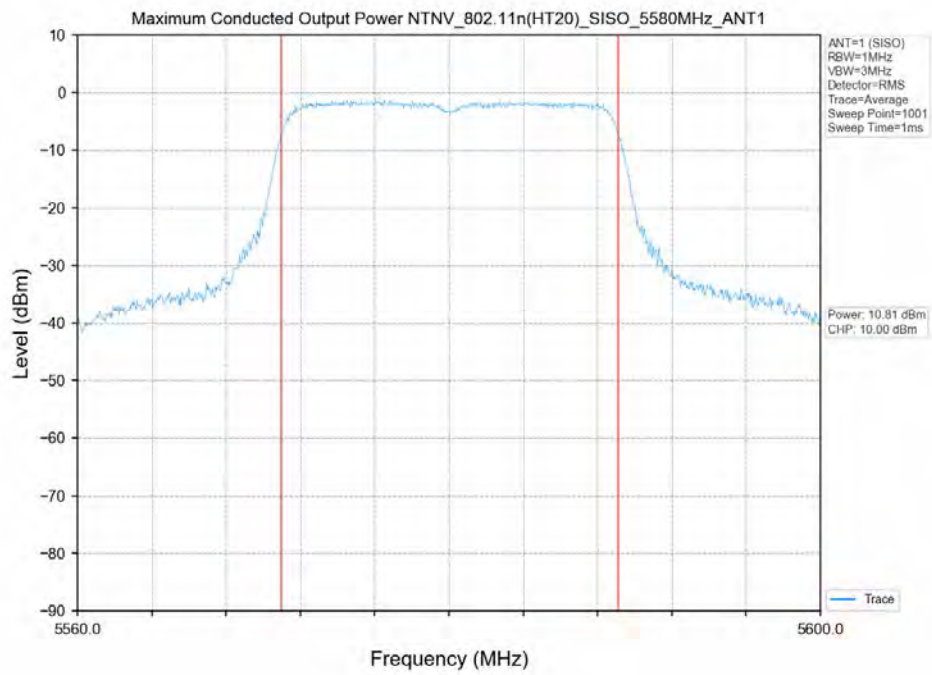
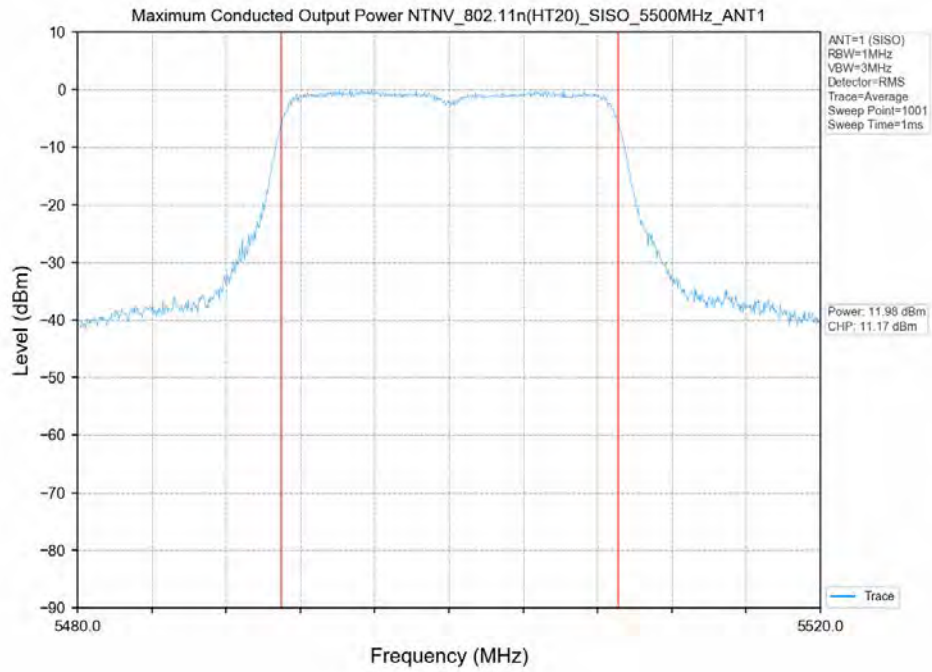


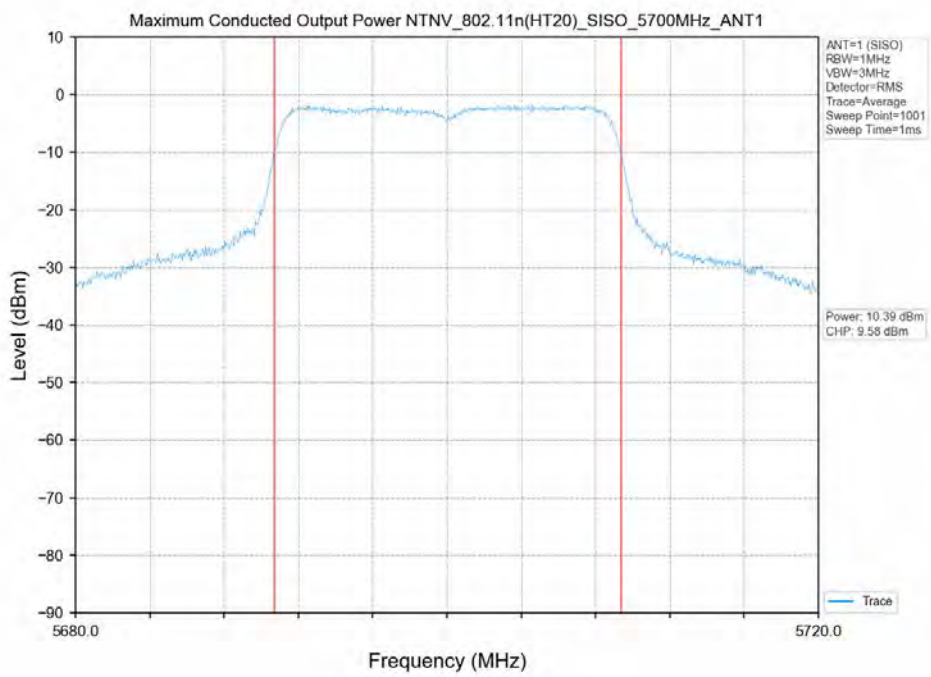
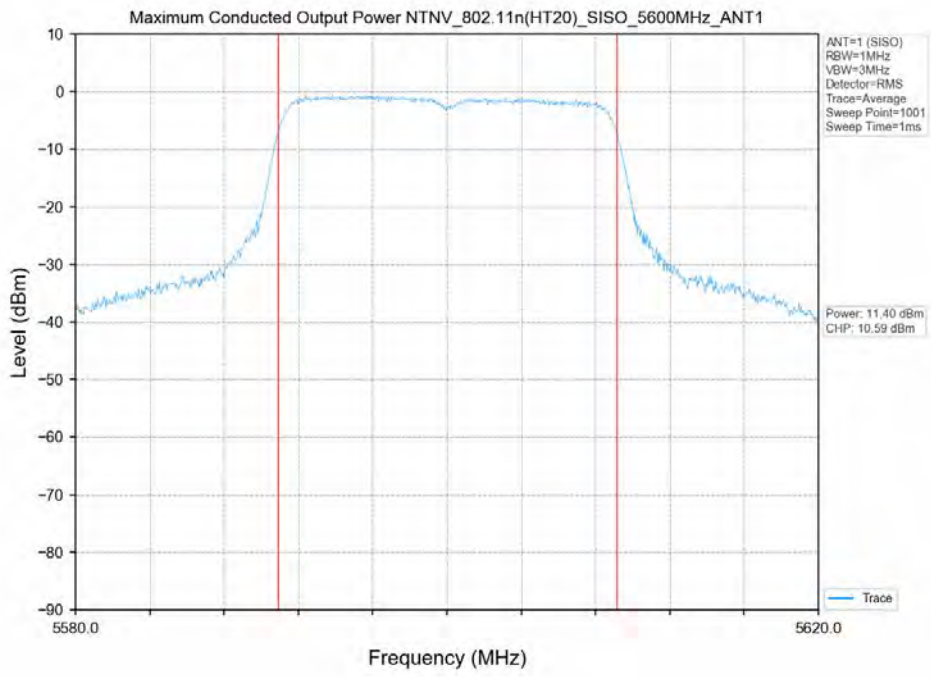


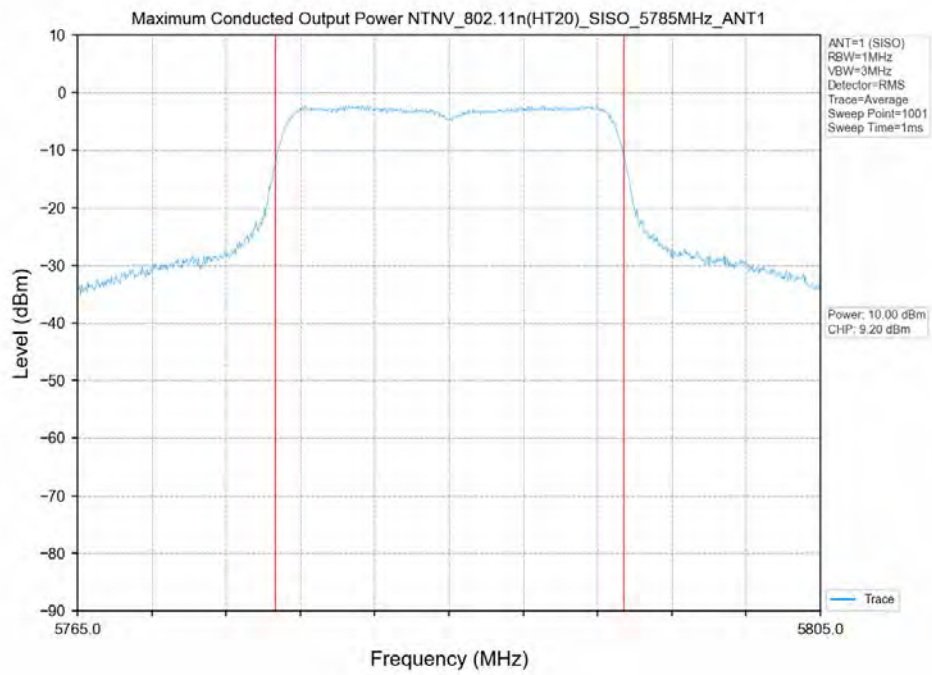
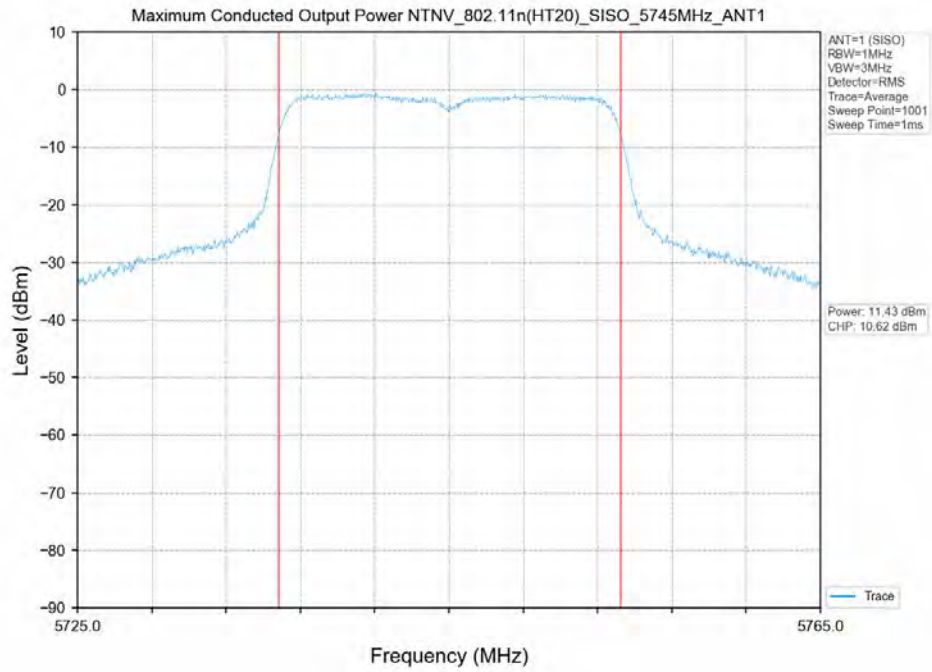


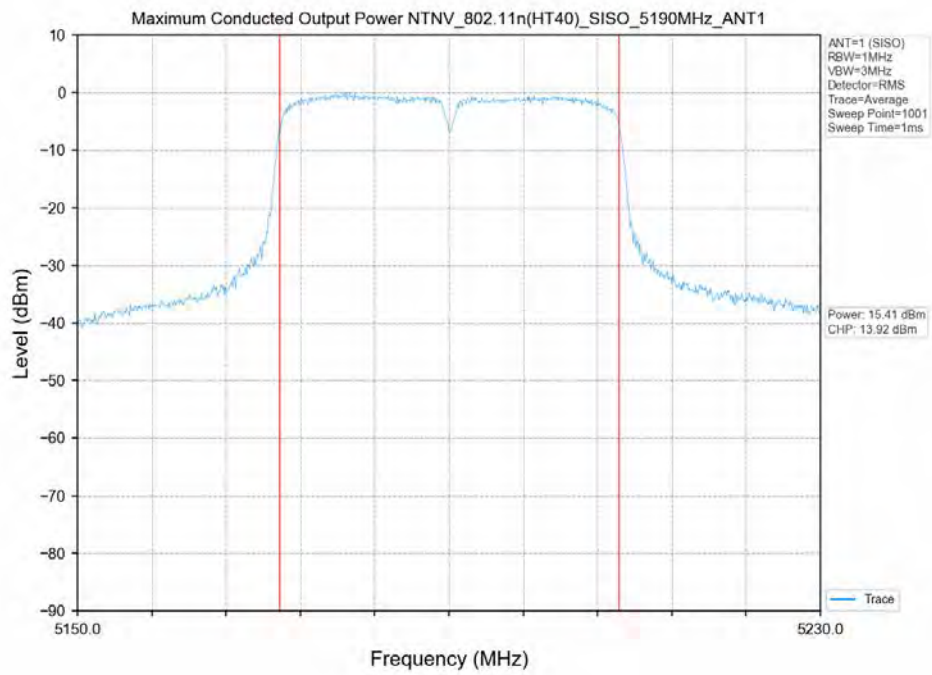
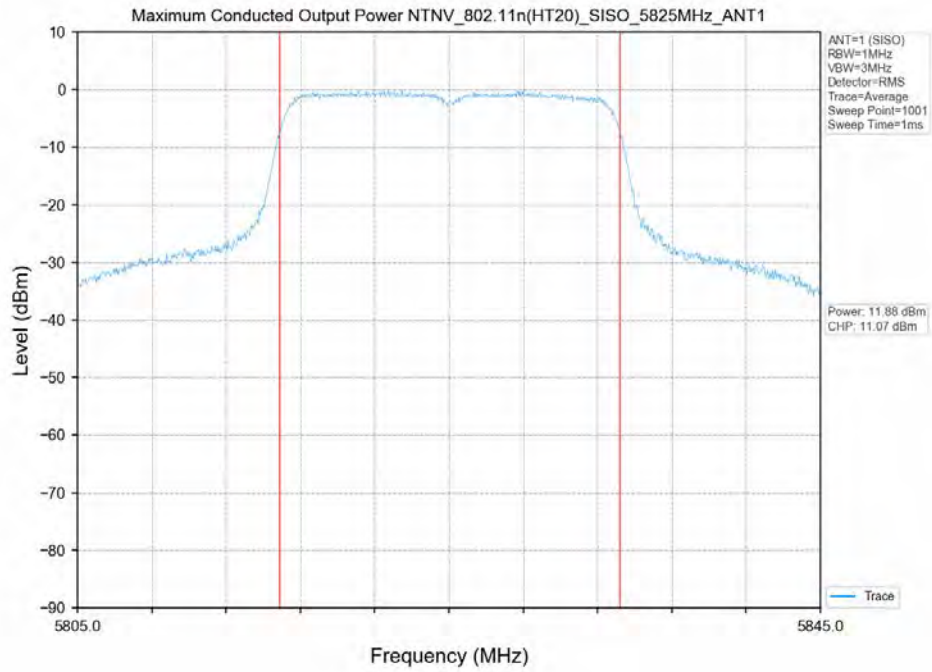


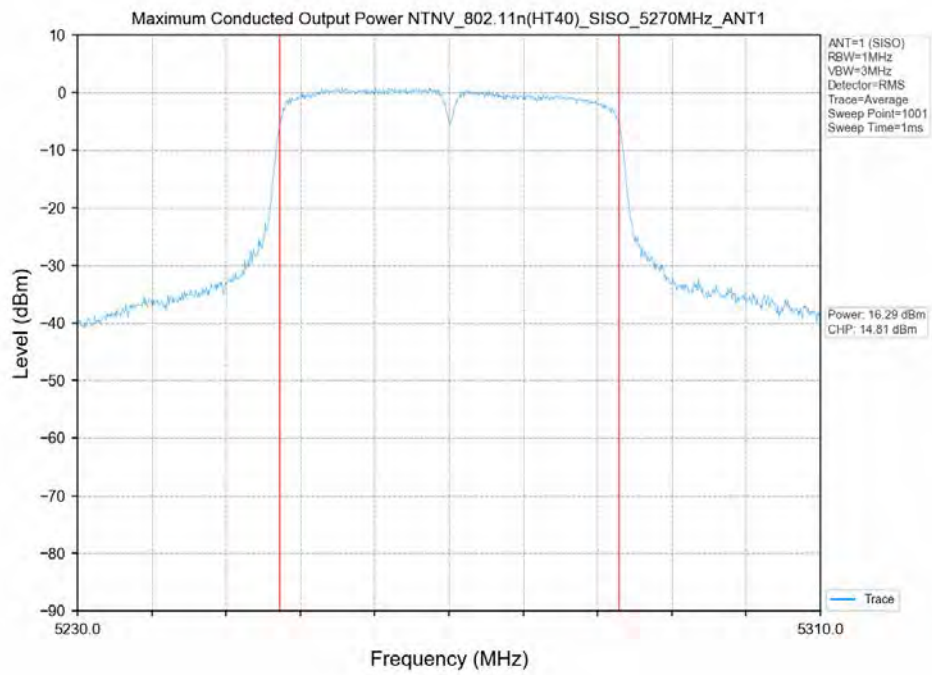
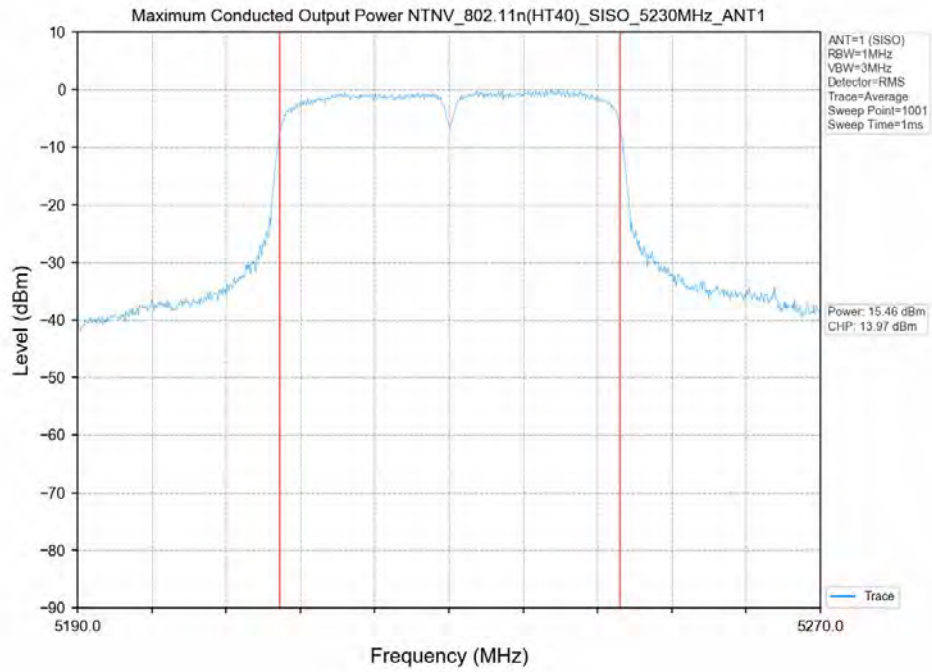


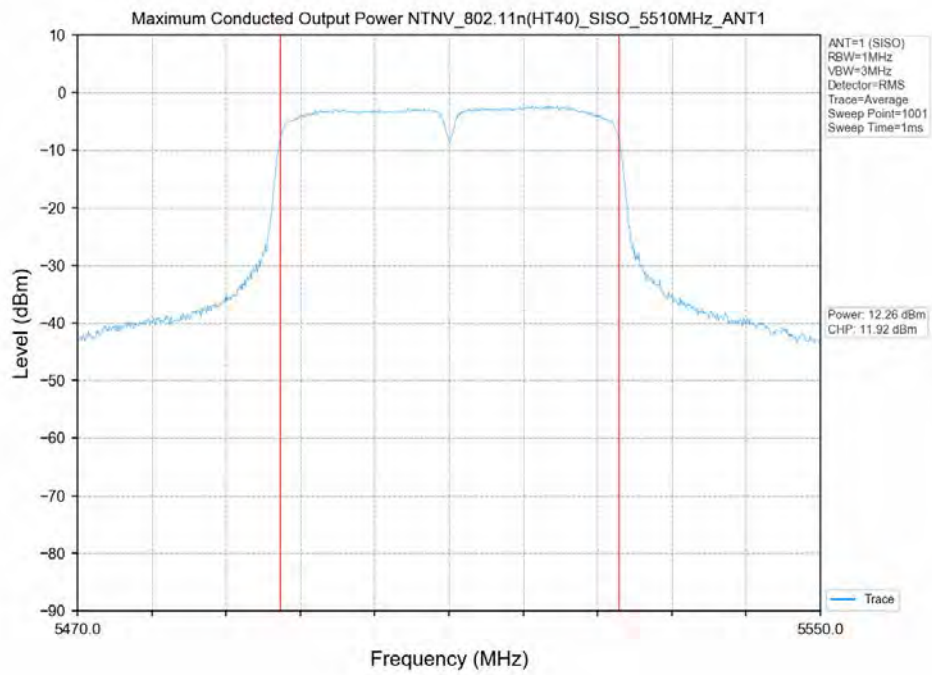
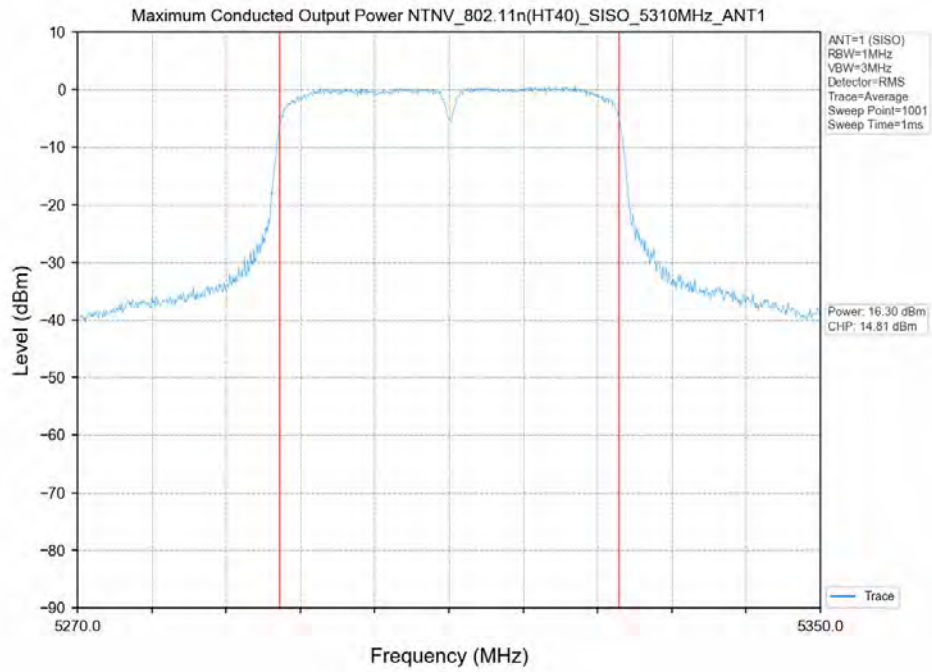


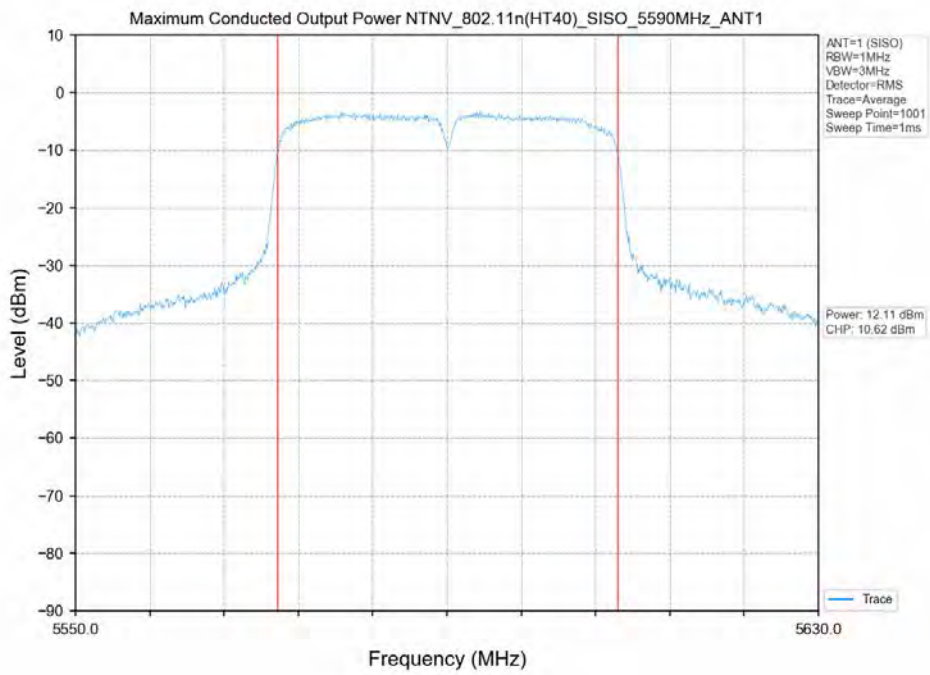
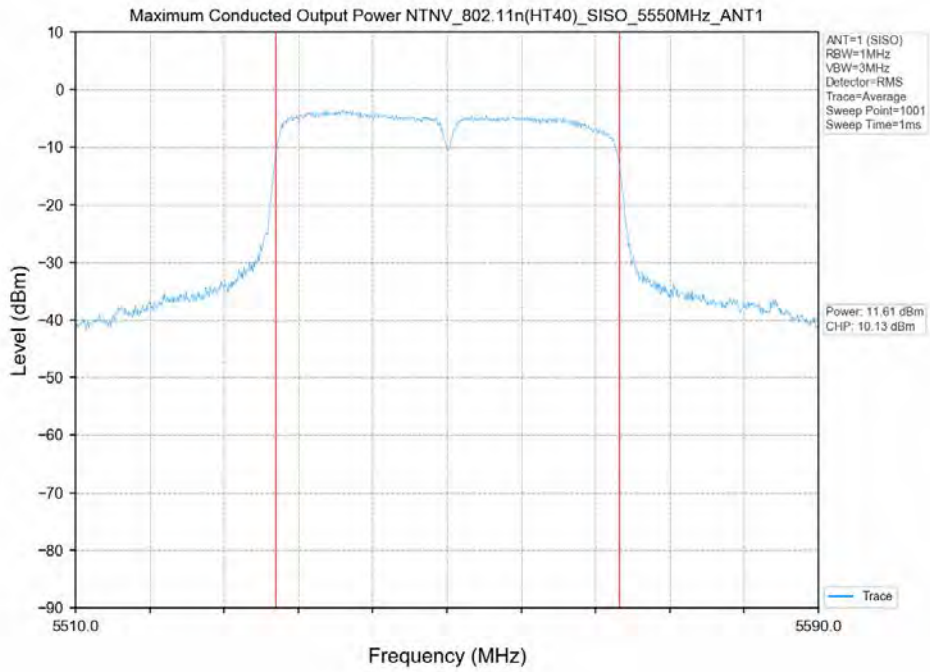


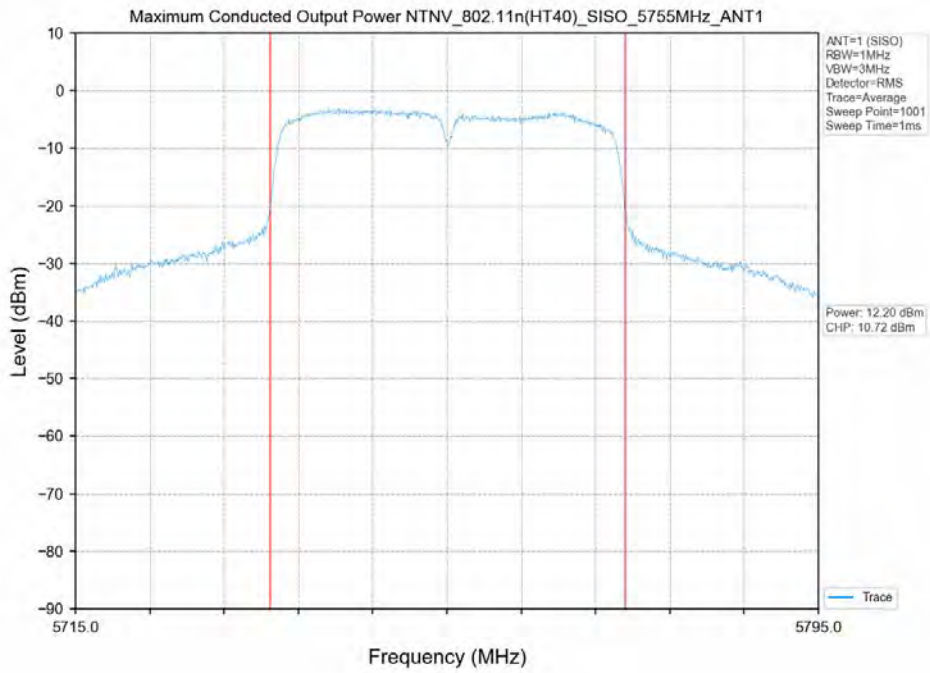
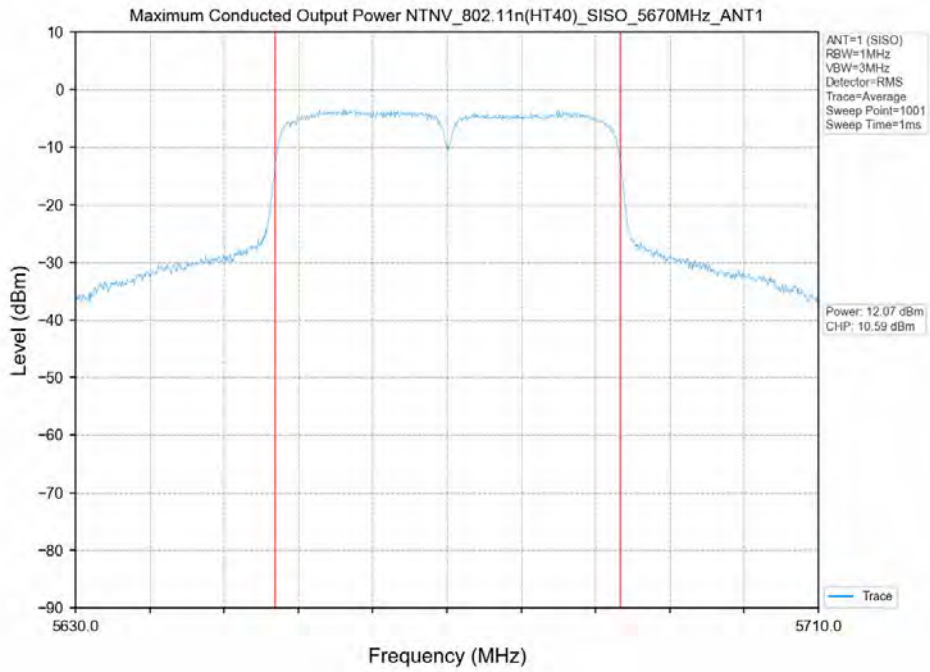


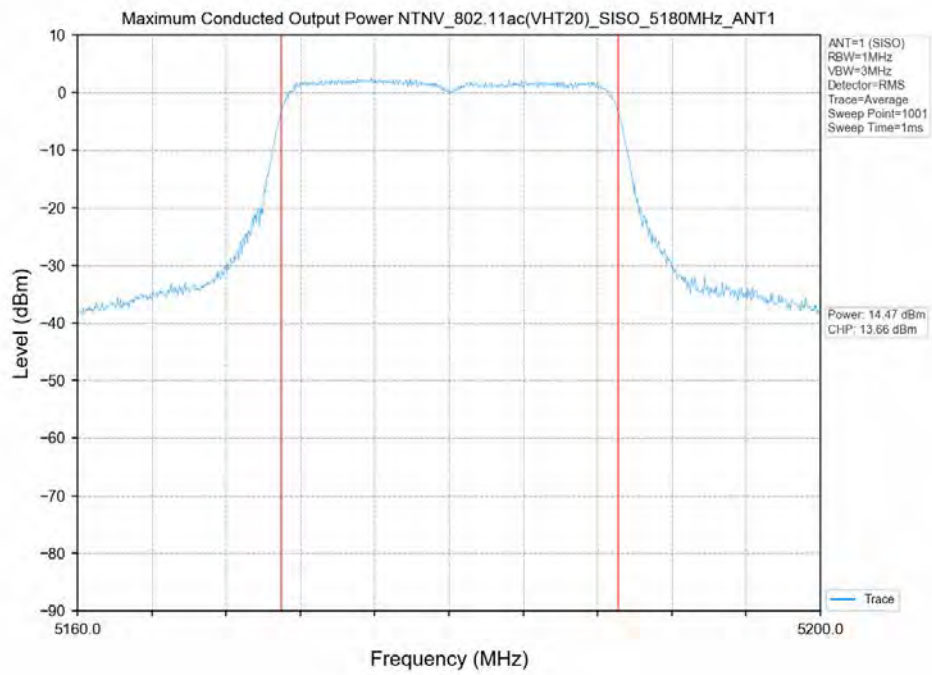
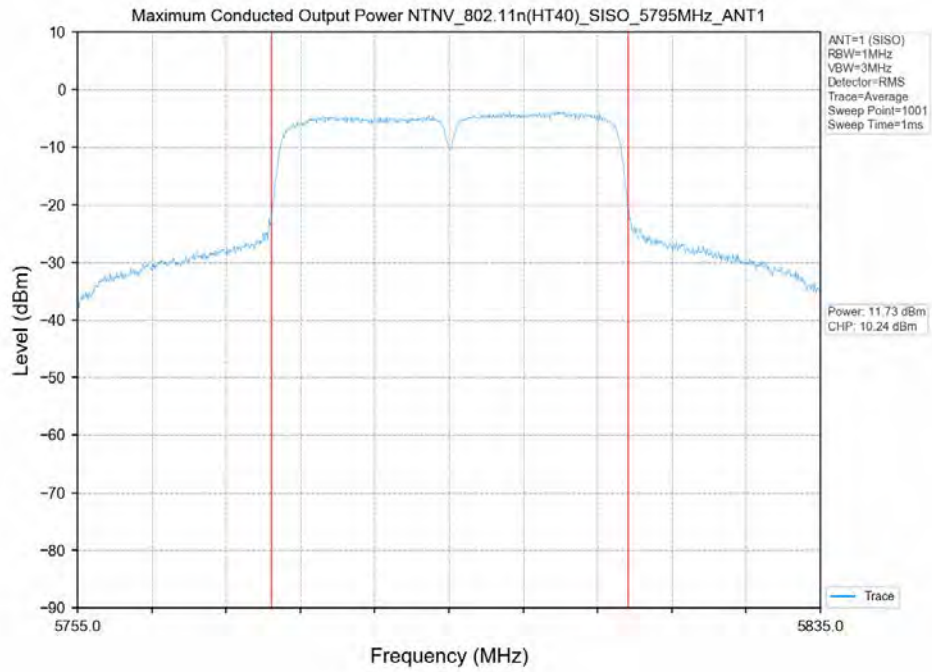


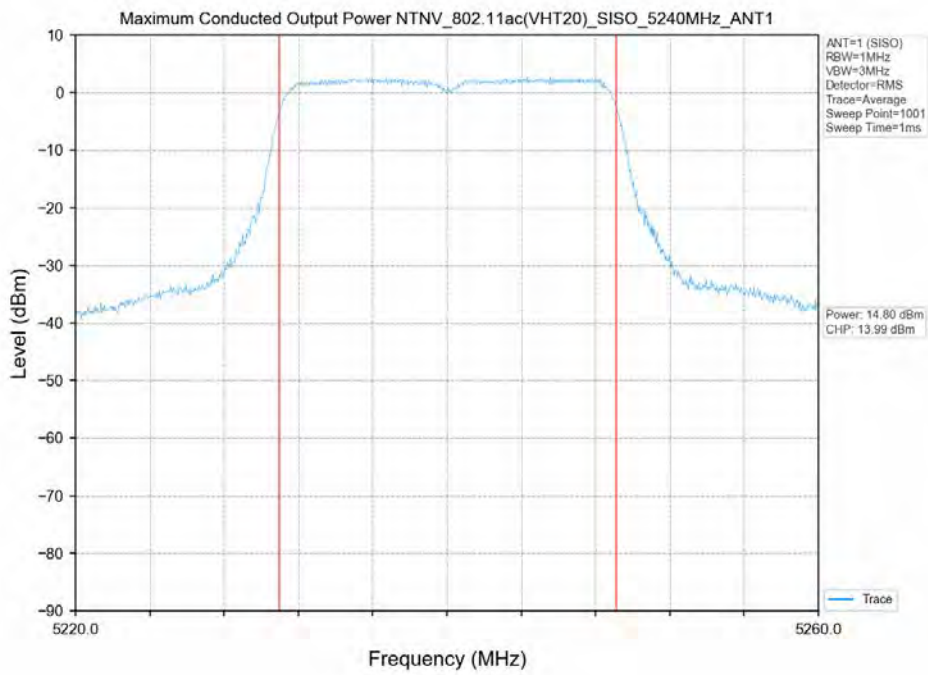
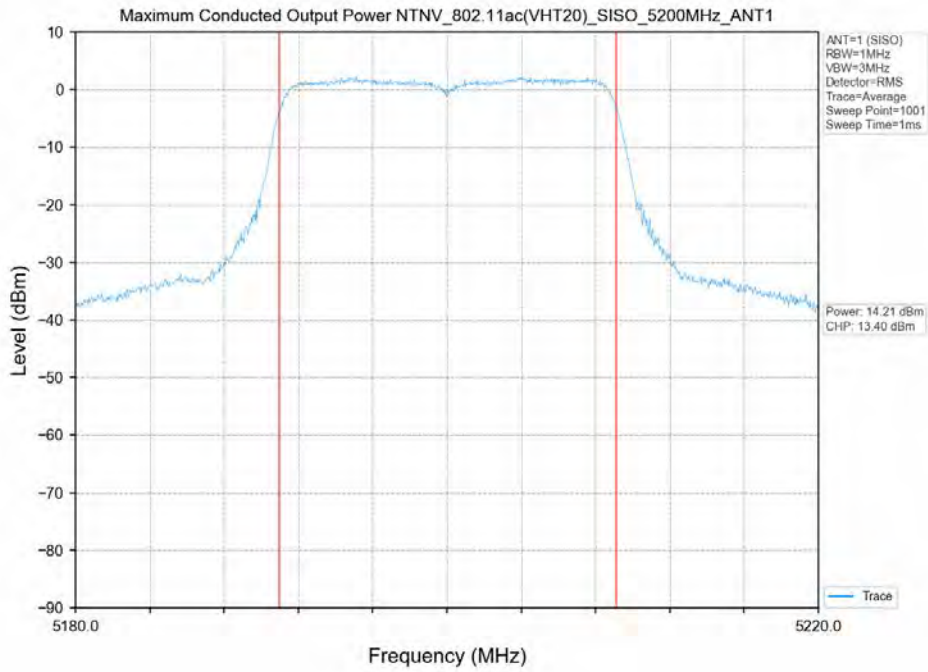


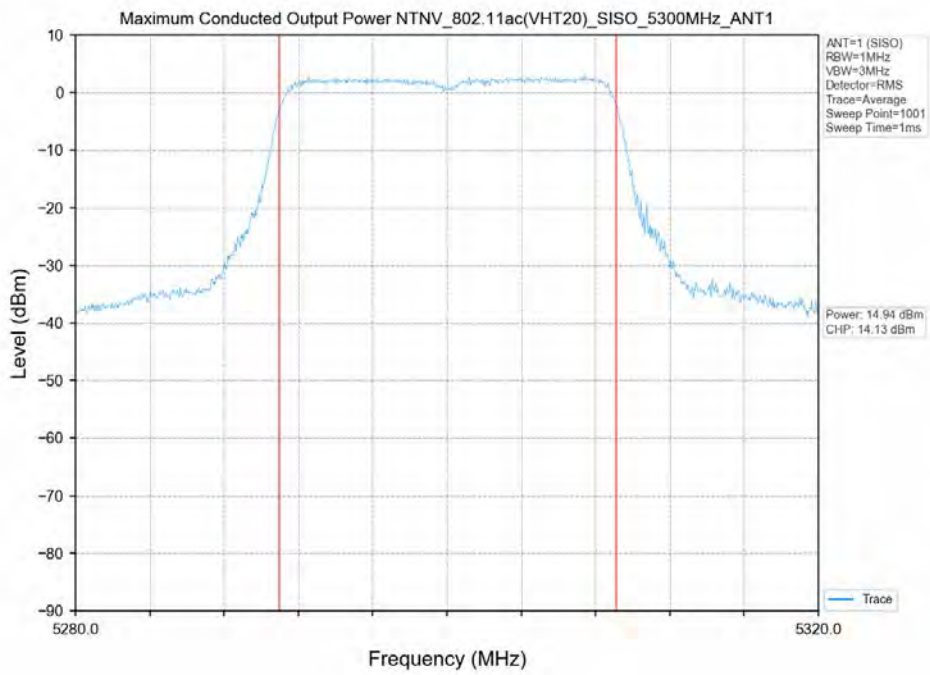
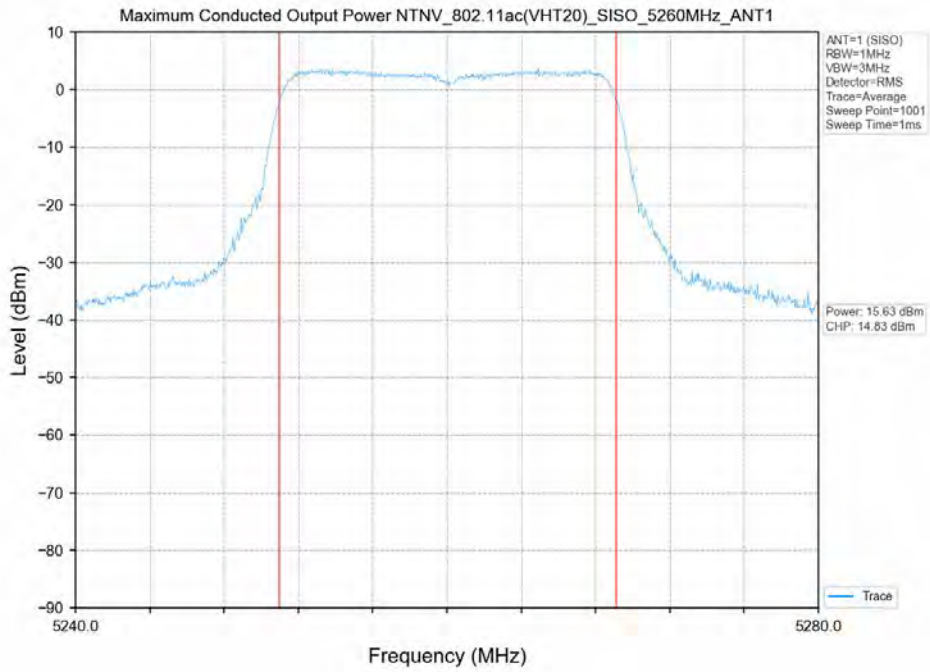


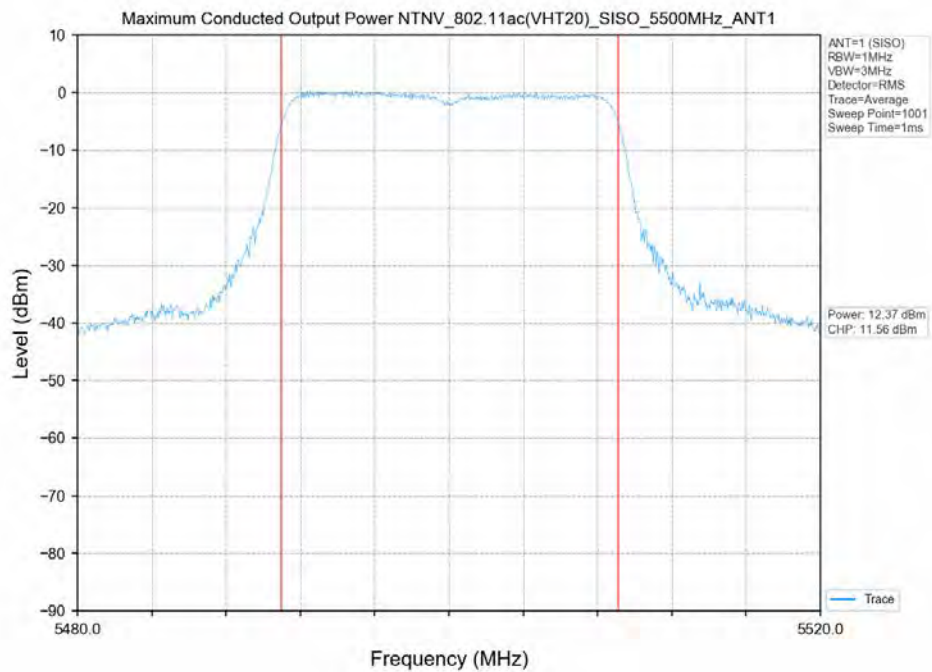
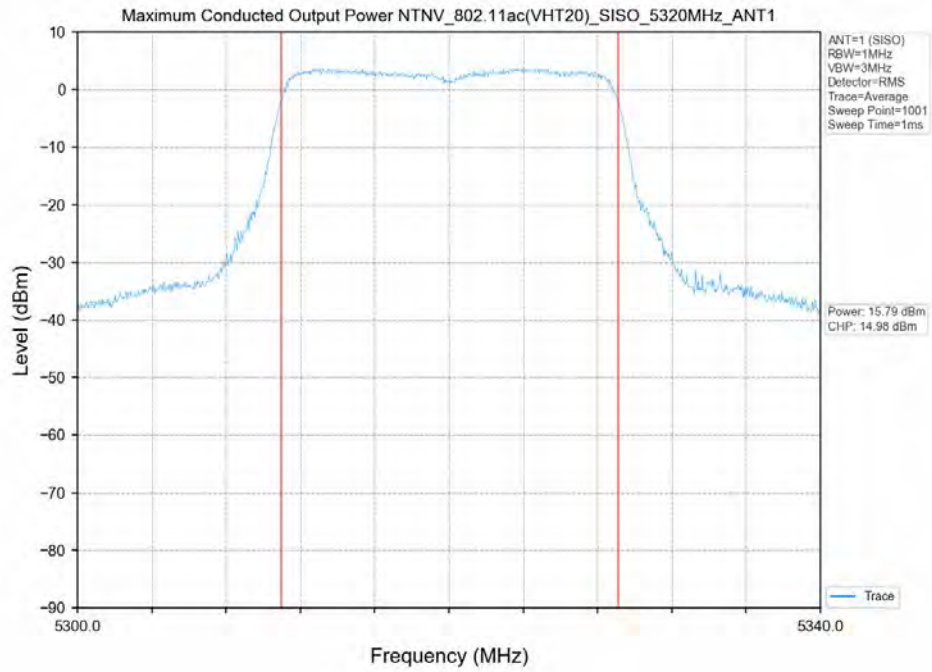


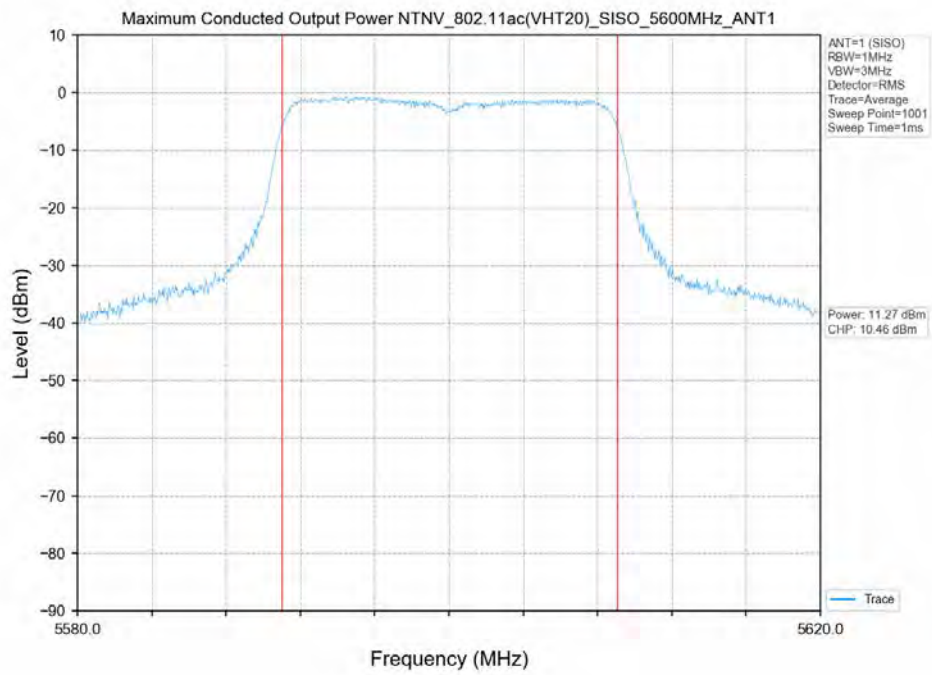
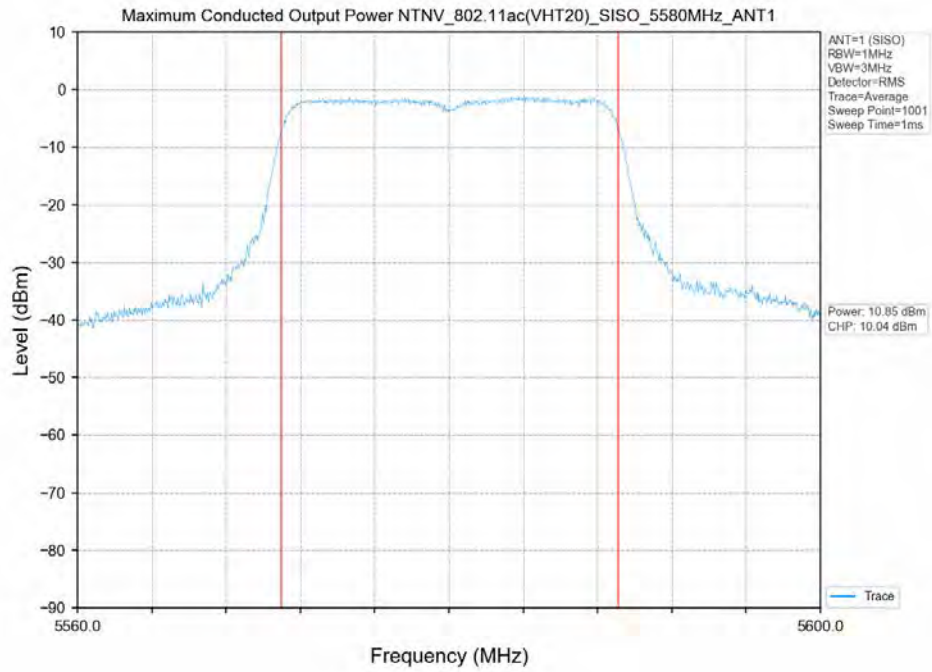


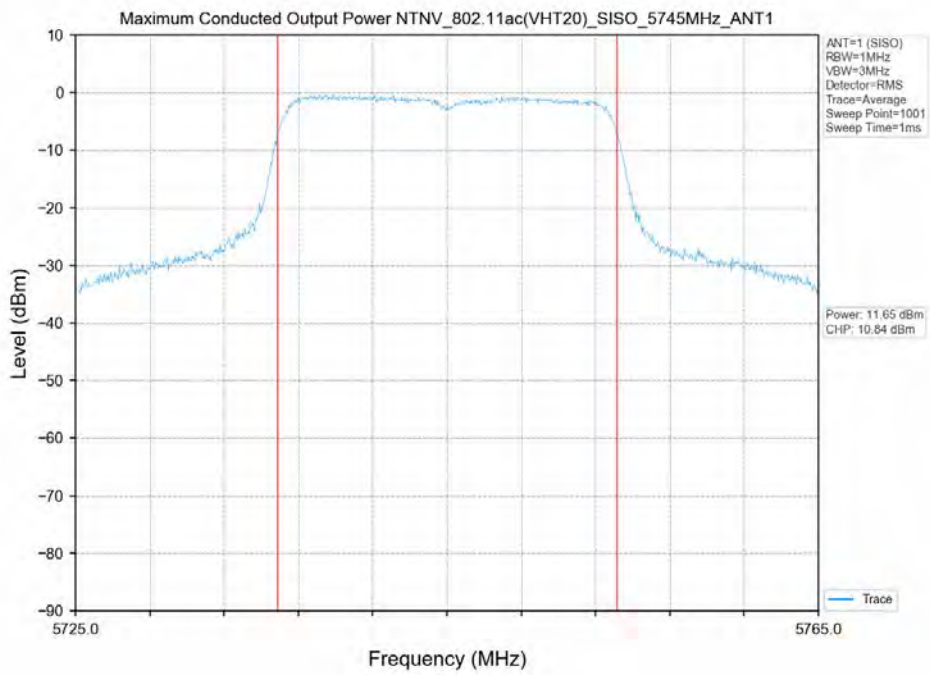
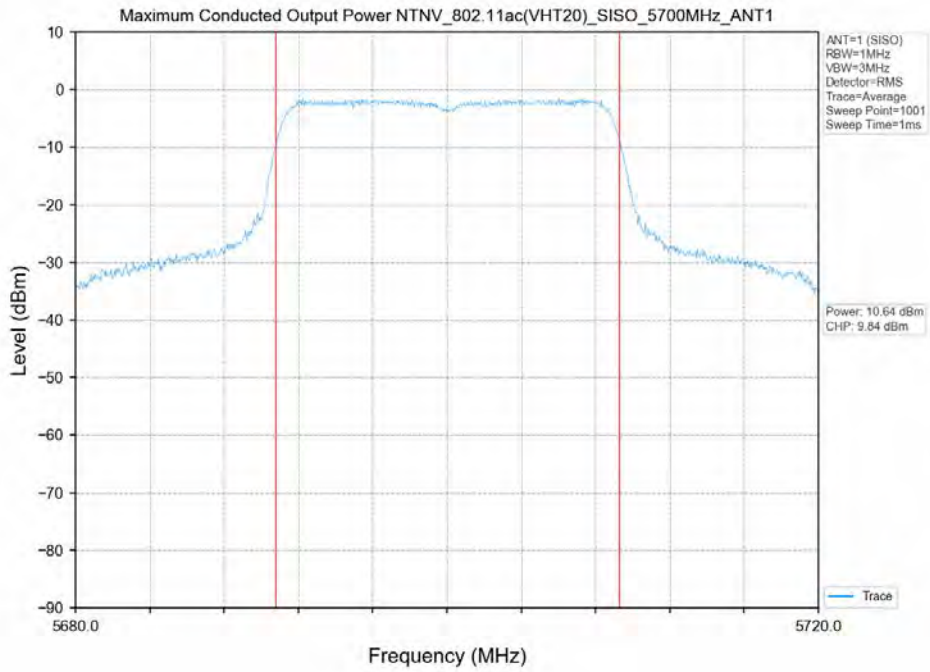


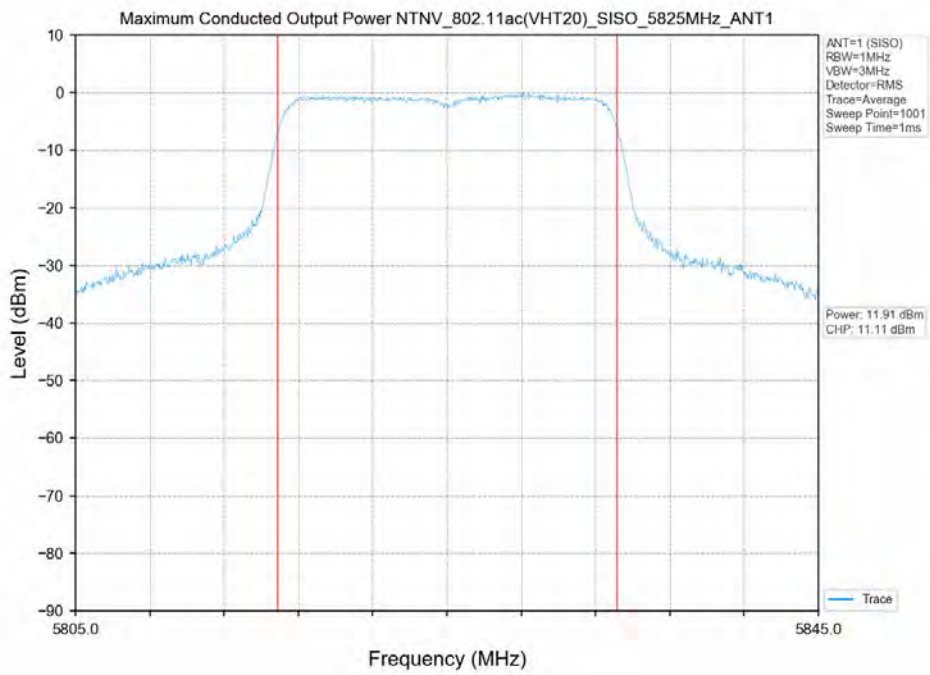
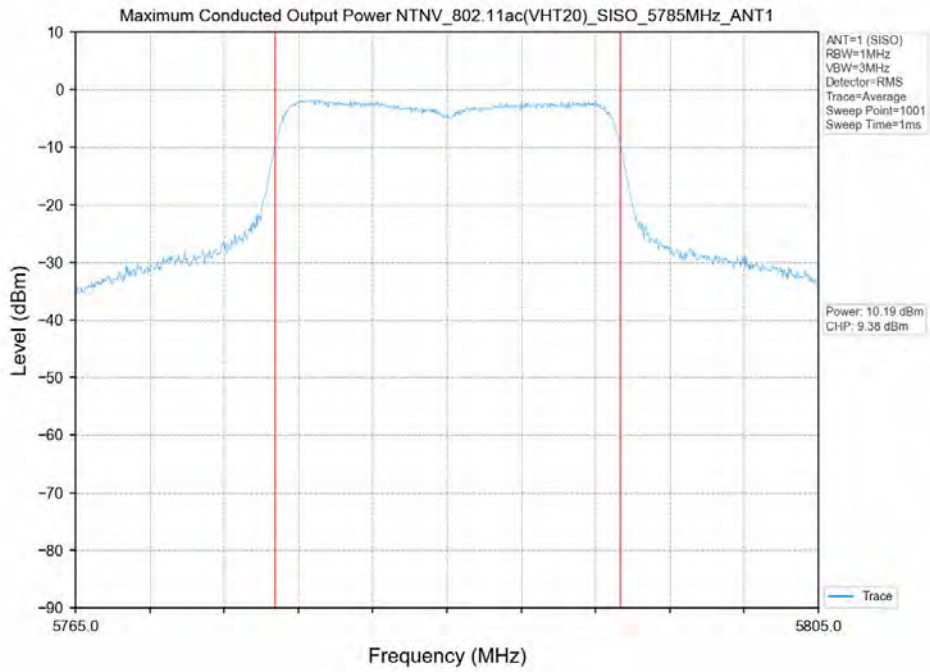


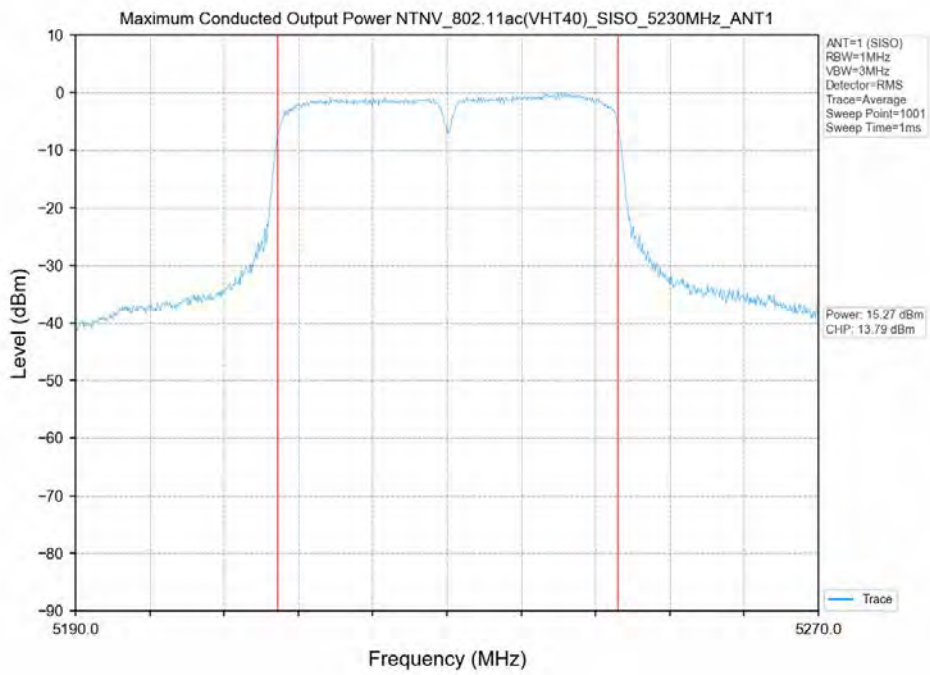
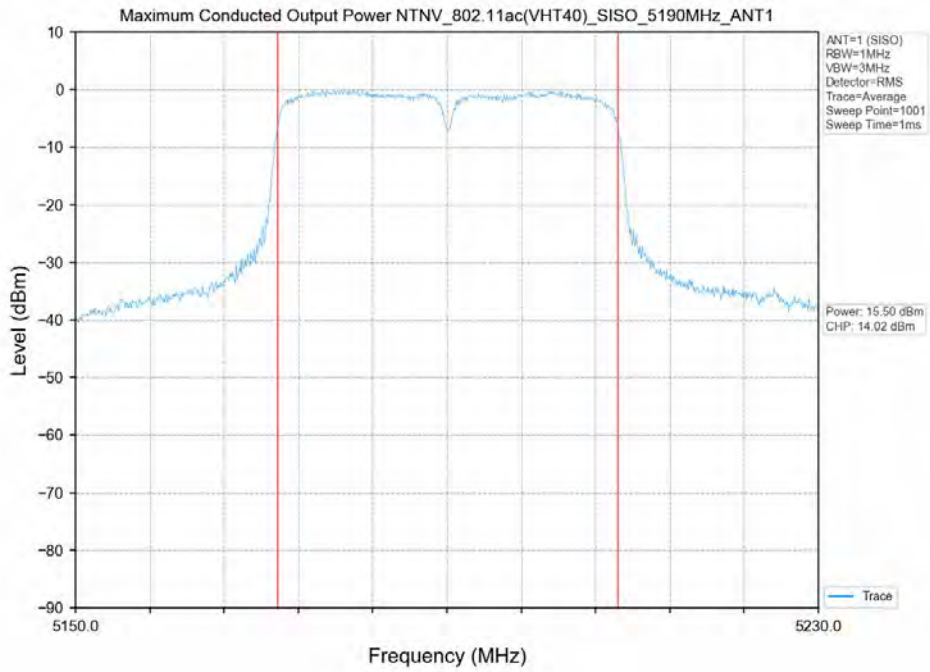


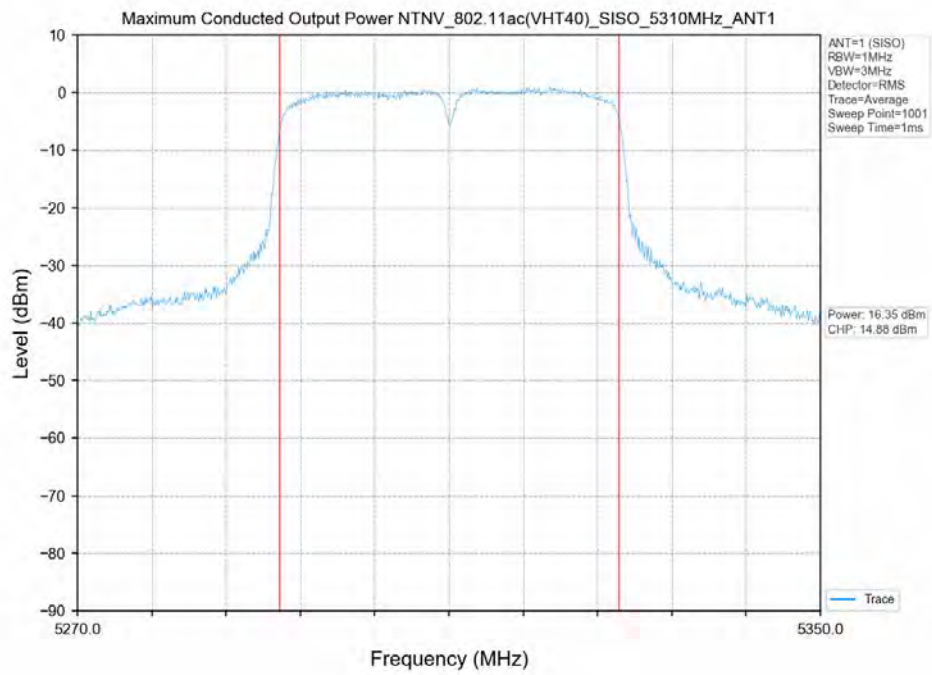
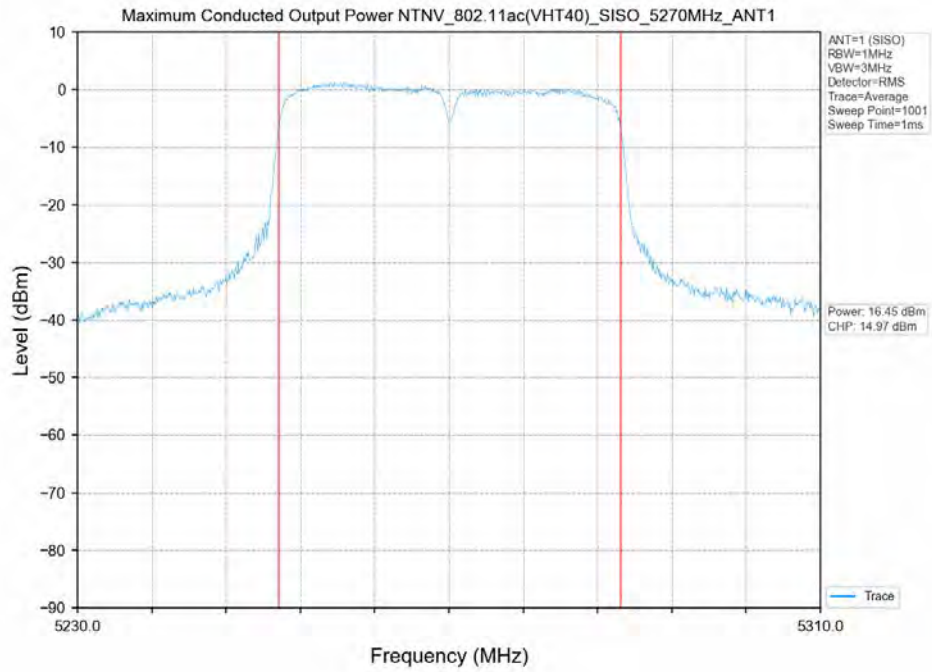


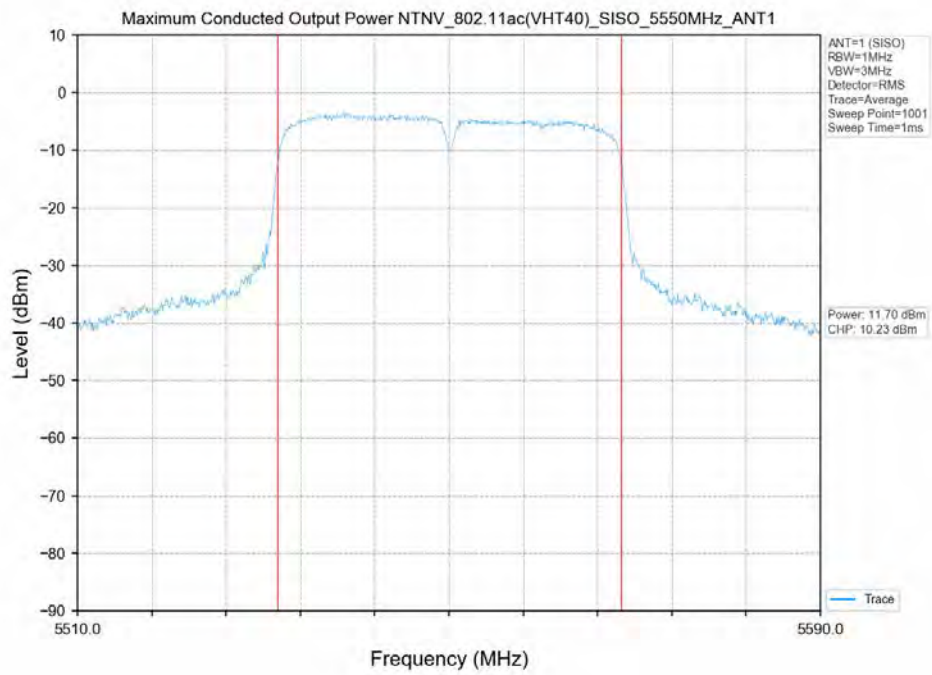
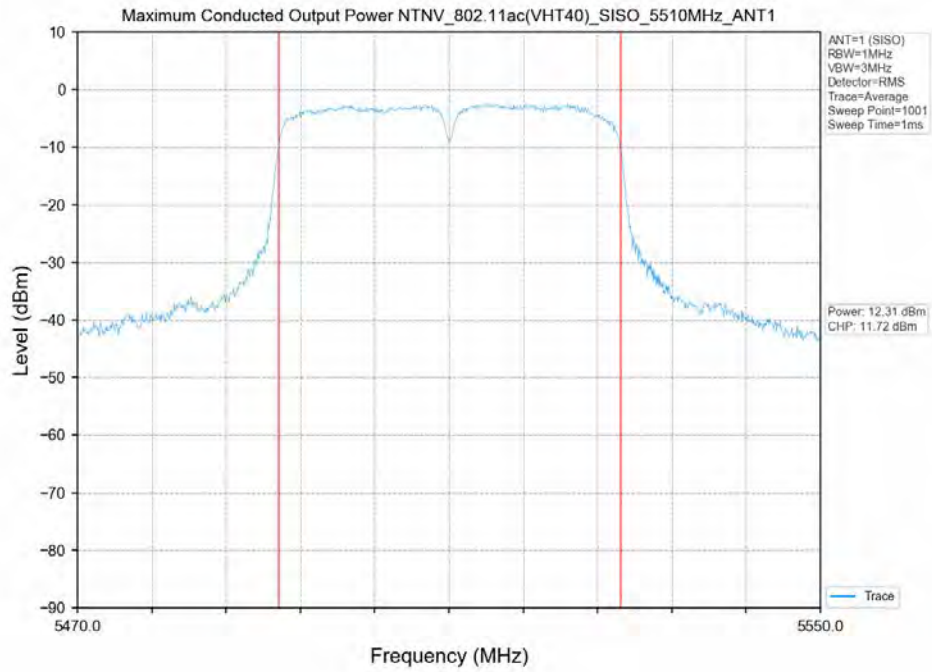


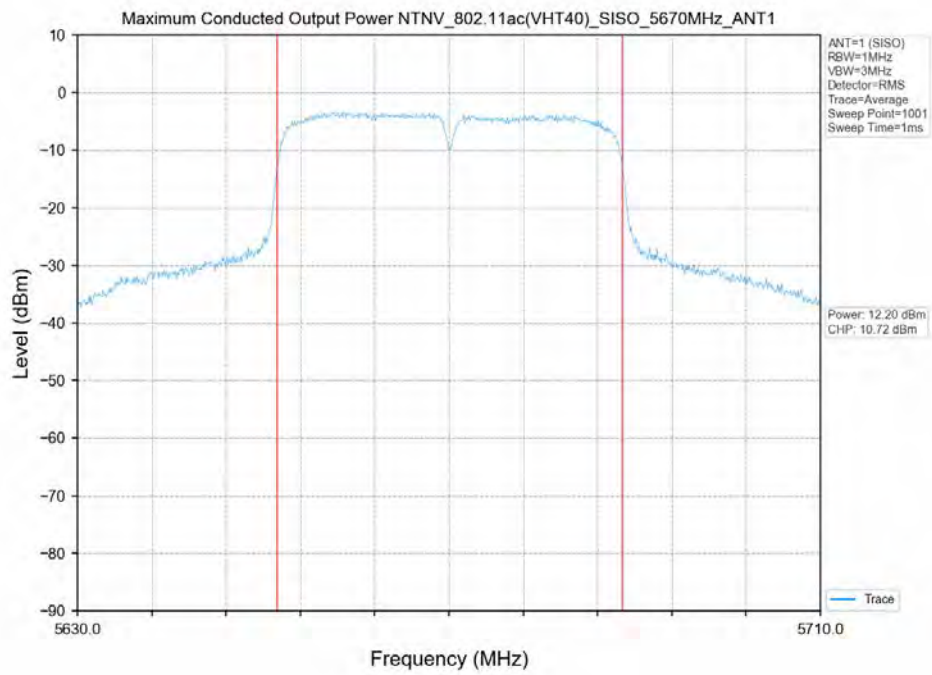
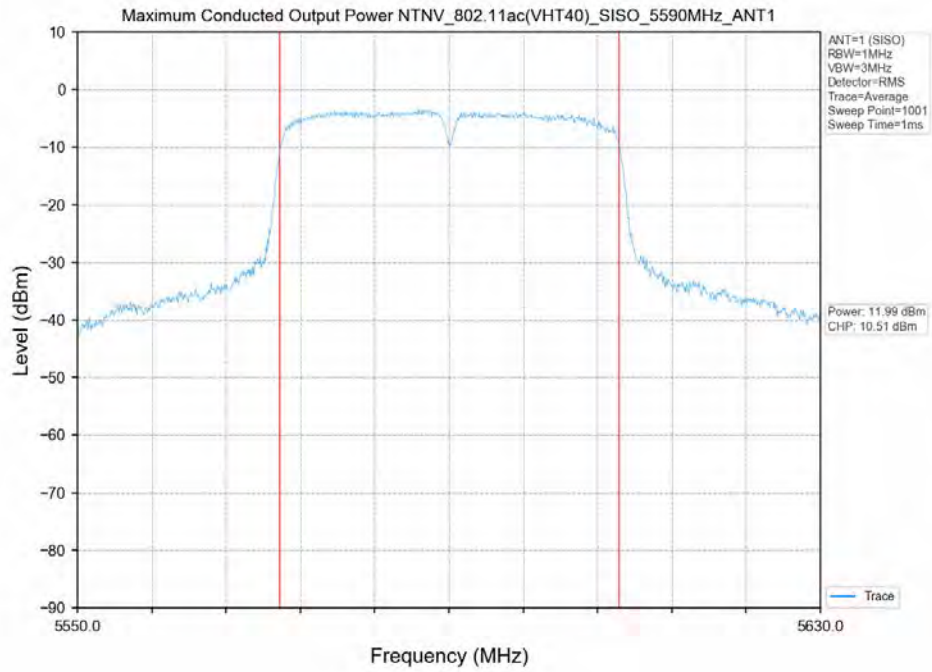


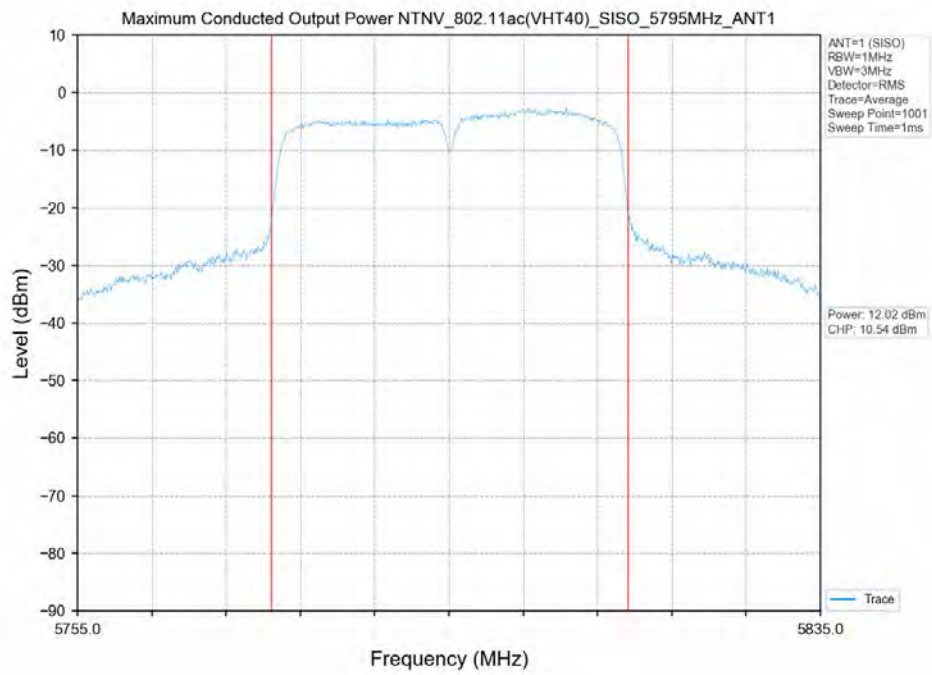
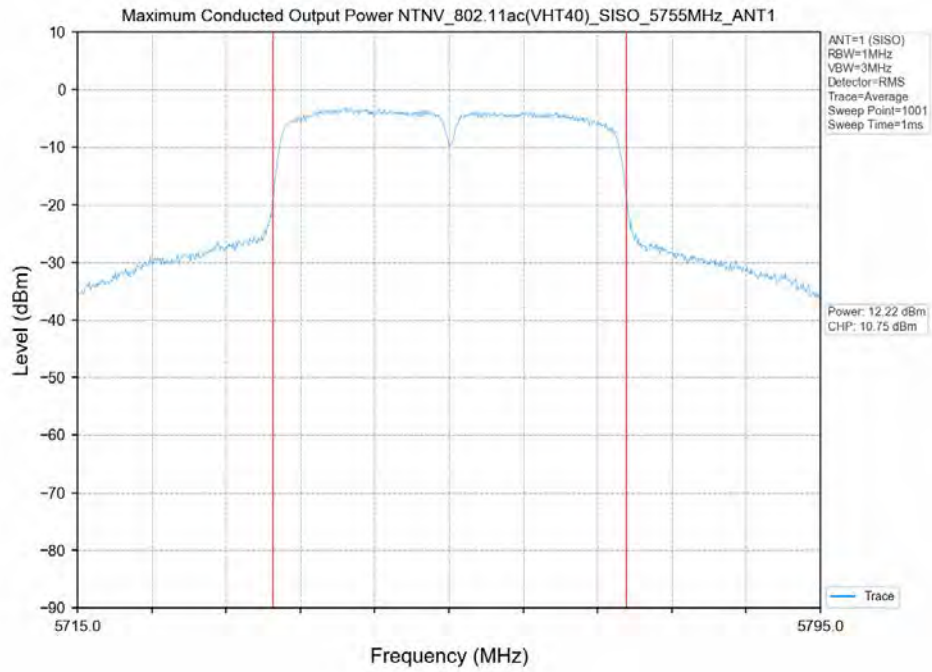


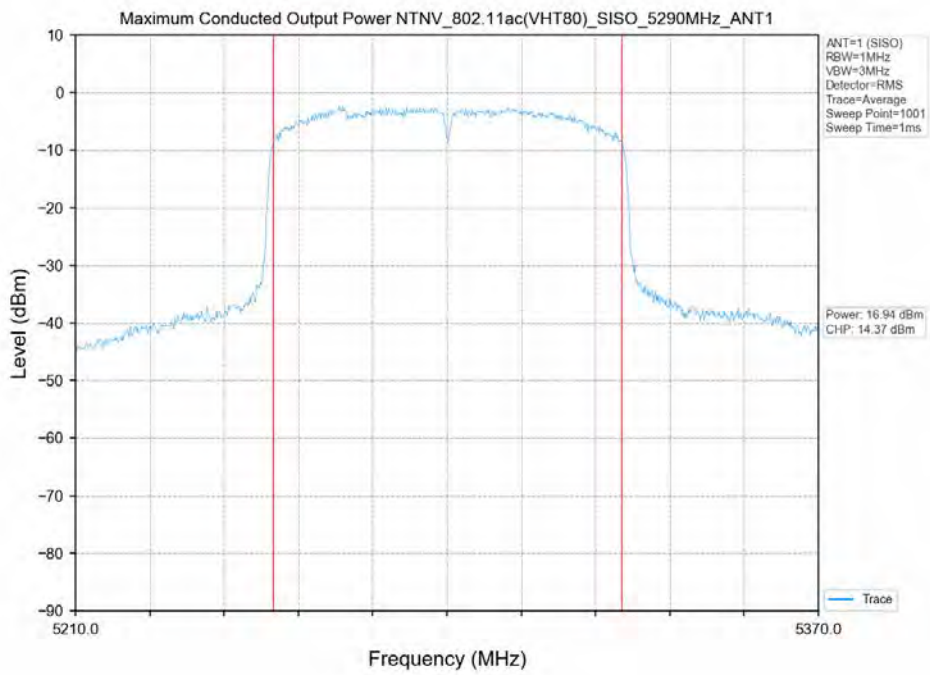
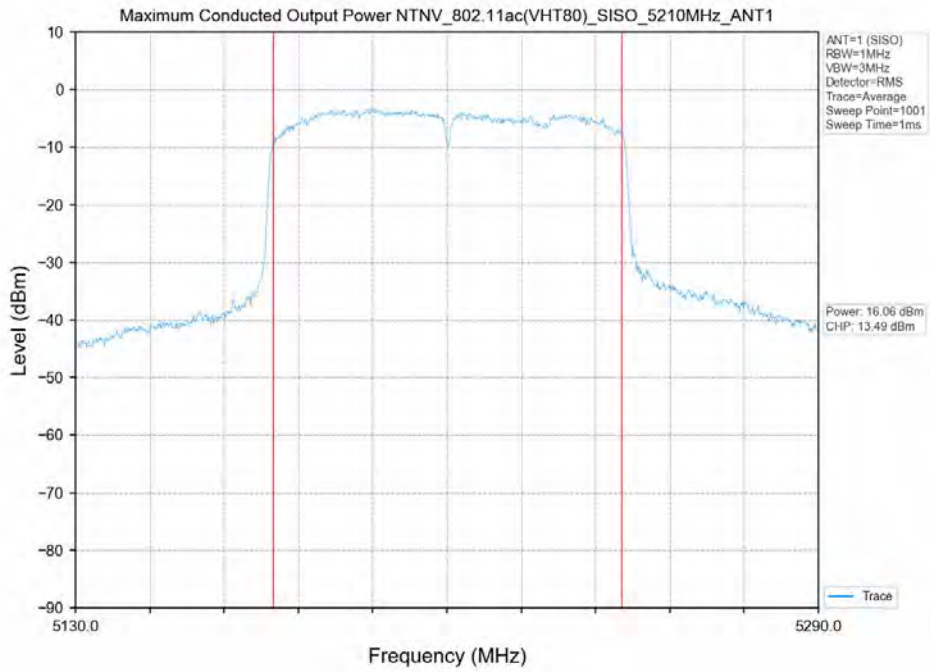


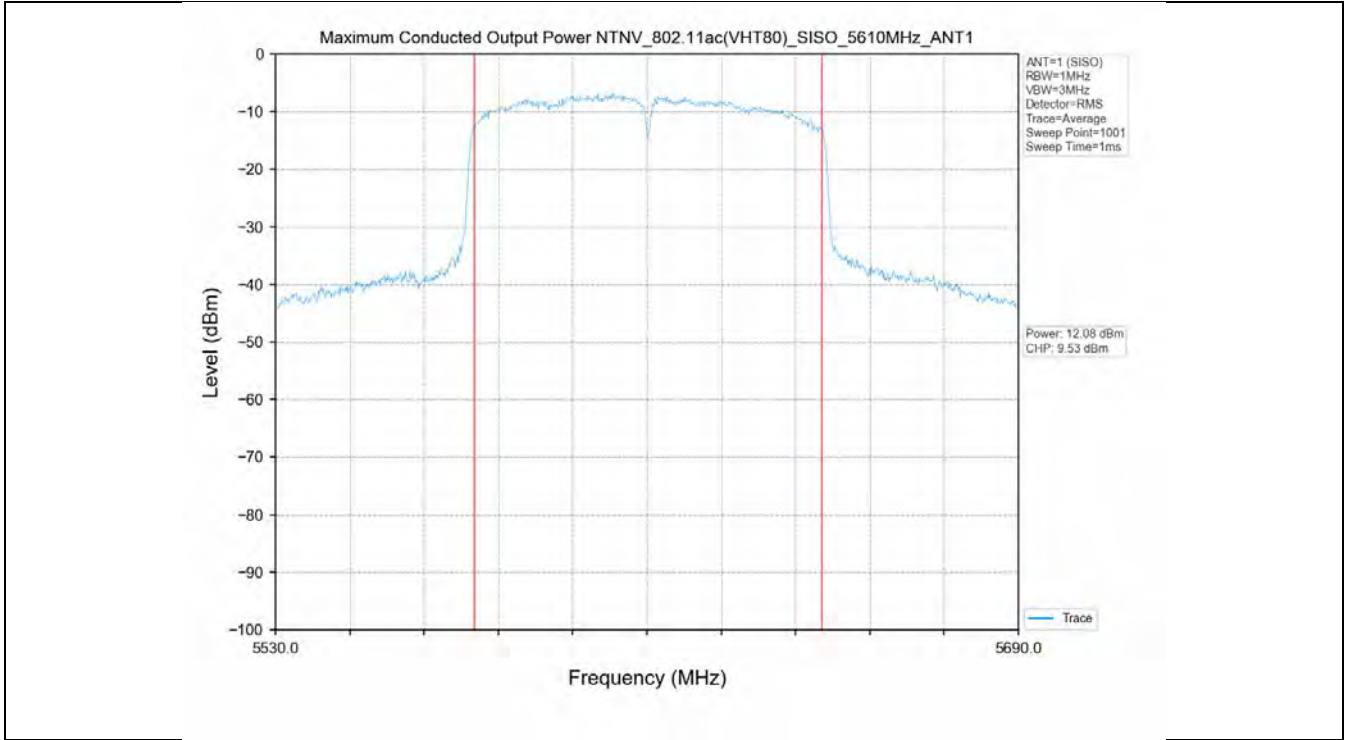
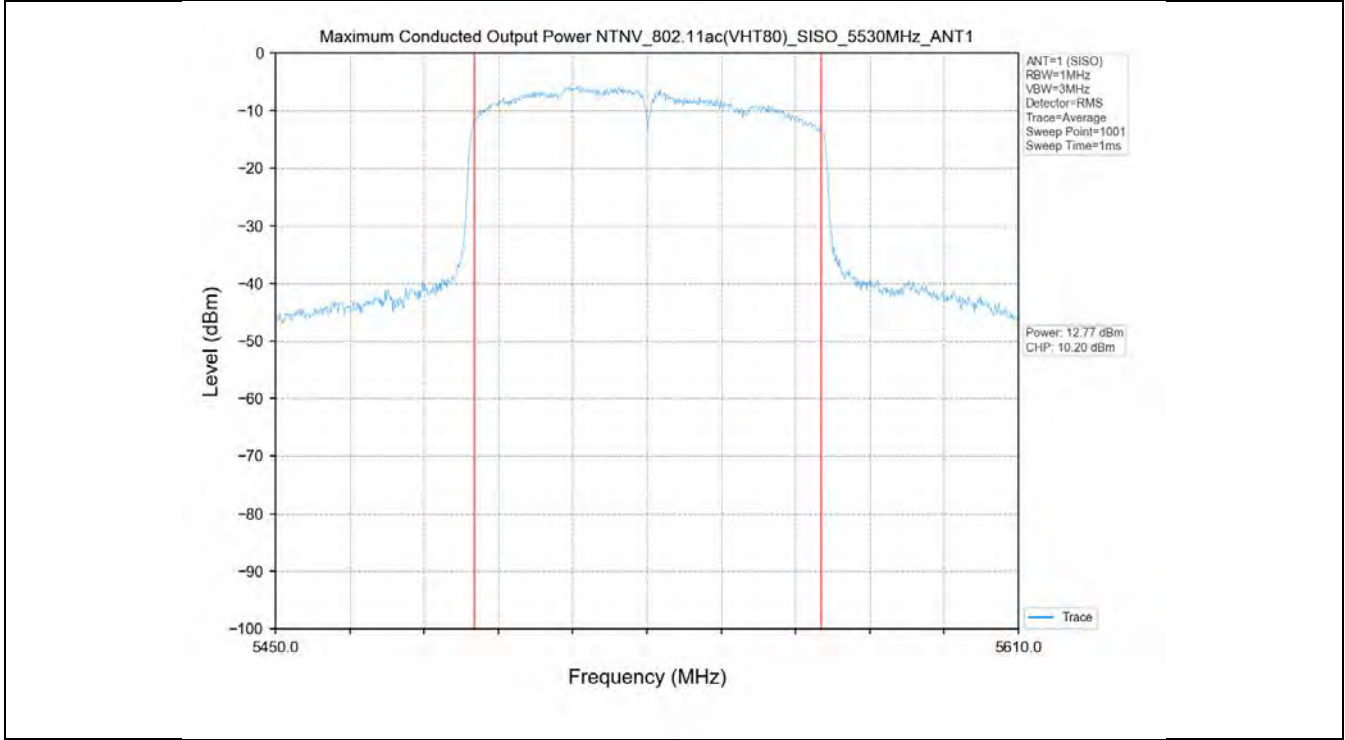














4. Maximum Power Spectral Density (PSD)

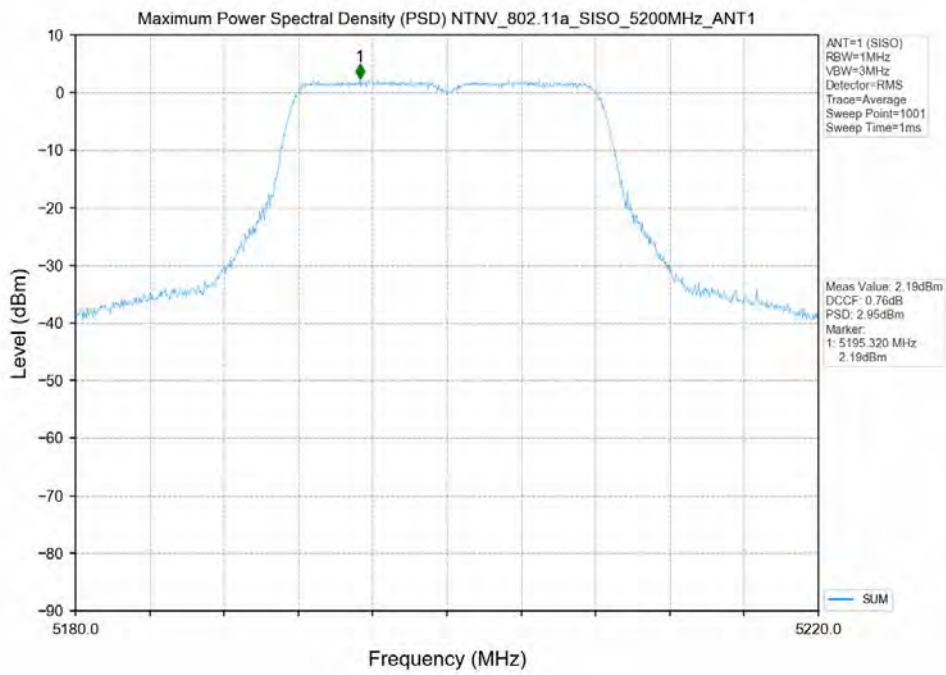
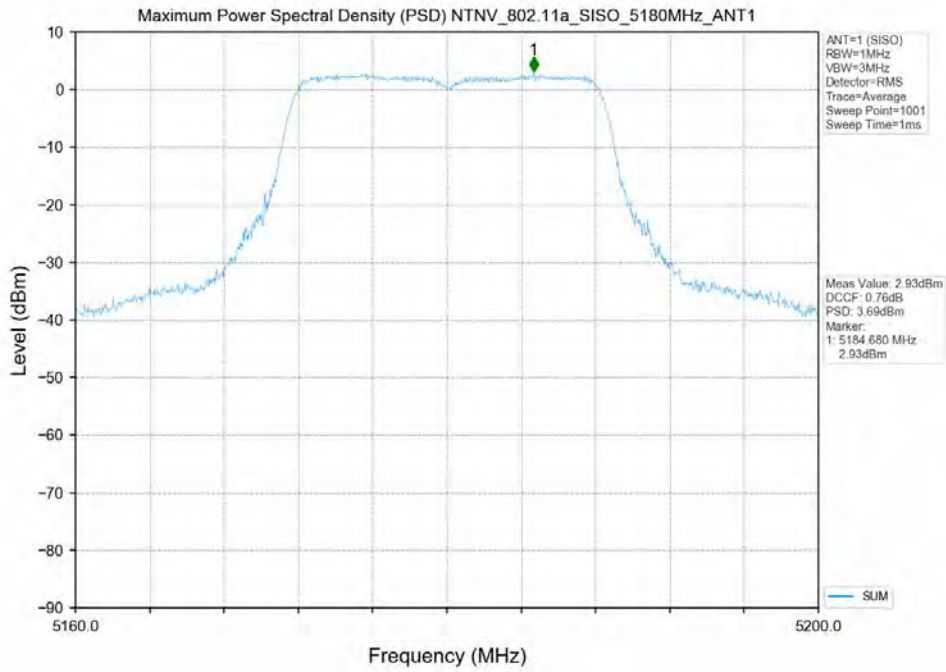
4.1 Test Result

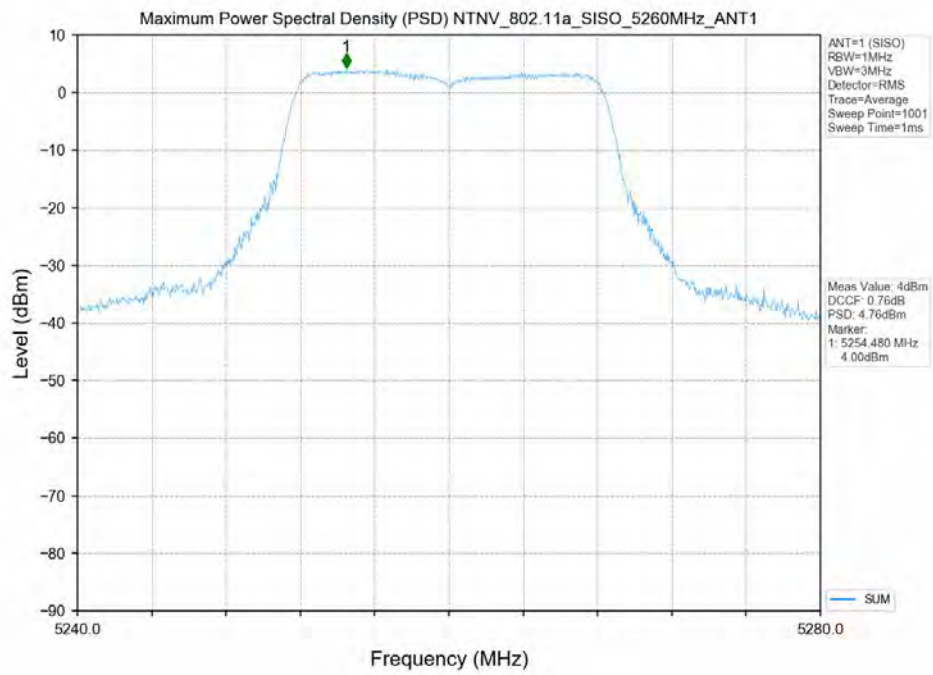
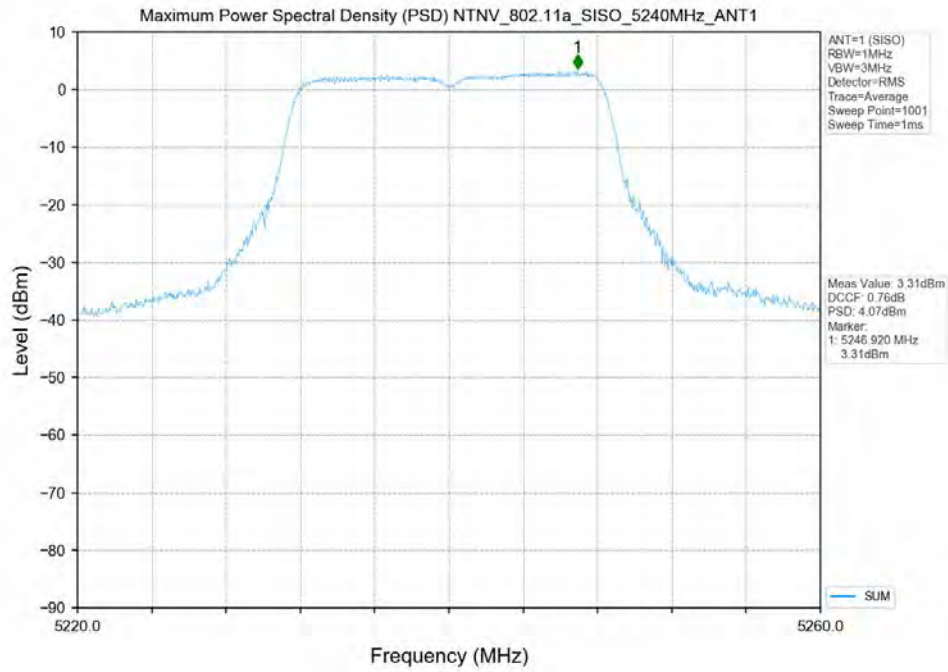
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	EIRP Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1	Ant 1		
802.11a	5180	SISO	3.69	8.56	≤11	PASS
	5200	SISO	2.95	7.82	≤11	PASS
	5240	SISO	4.07	8.94	≤11	PASS
	5260	SISO	4.76	/	≤11	PASS
	5300	SISO	3.98	/	≤11	PASS
	5320	SISO	4.58	/	≤11	PASS
	5500	SISO	1.03	/	≤11	PASS
	5580	SISO	-0.28	/	≤11	PASS
	5600	SISO	0.19	/	≤11	PASS
802.11n(HT20)	5180	SISO	3.17	8.04	≤11	PASS
	5200	SISO	2.81	7.68	≤11	PASS
	5240	SISO	3.39	8.26	≤11	PASS
	5260	SISO	4.11	/	≤11	PASS
	5300	SISO	3.79	/	≤11	PASS
	5320	SISO	4.13	/	≤11	PASS
	5500	SISO	0.71	/	≤11	PASS

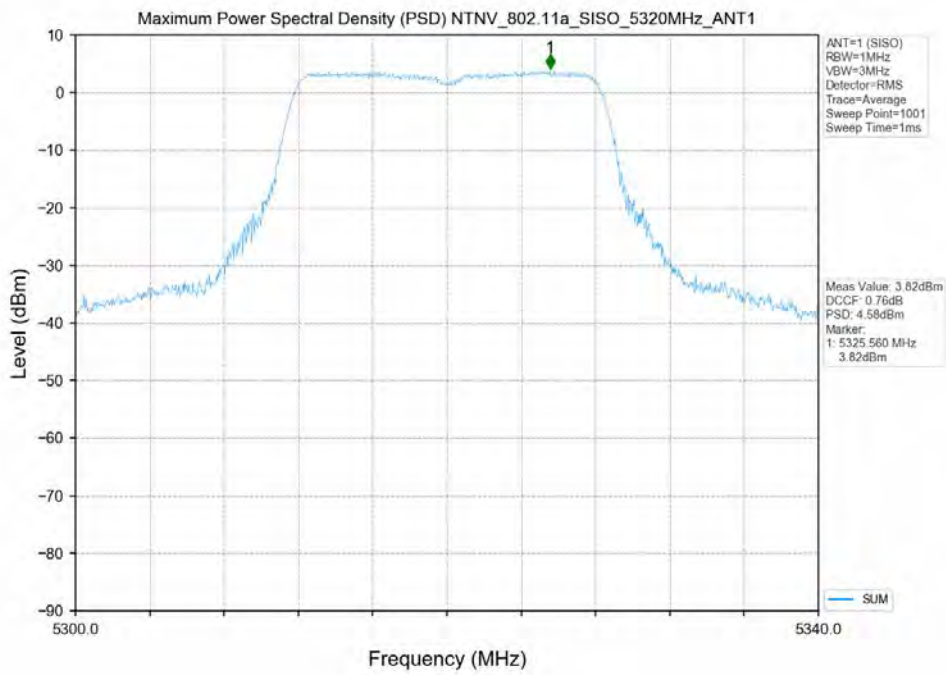
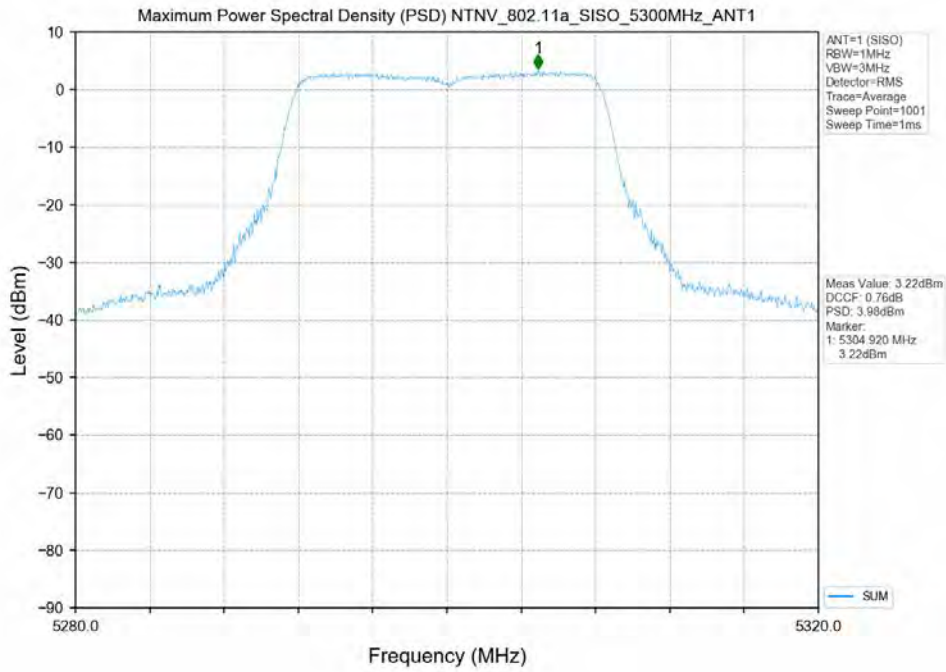
	5580	SISO	-0.68	/	≤11	PASS
	5600	SISO	0.04	/	≤11	PASS
	5700	SISO	-0.18	/	≤11	PASS
802.11n(HT40)	5190	SISO	1.43	6.3	≤11	PASS
	5230	SISO	1.55	6.42	≤11	PASS
	5270	SISO	2.61	/	≤11	PASS
	5310	SISO	2.55	/	≤11	PASS
	5510	SISO	-1.96	/	≤11	PASS
	5550	SISO	-2.35	/	≤11	PASS
	5590	SISO	-1.92	/	≤11	PASS
	5670	SISO	-1.85	/	≤11	PASS
802.11ac(VHT20)	5180	SISO	3.01	7.88	≤11	PASS
	5200	SISO	2.91	7.78	≤11	PASS
	5240	SISO	3.79	8.66	≤11	PASS
	5260	SISO	4.43	/	≤11	PASS
	5300	SISO	4.05	/	≤11	PASS
	5320	SISO	4.23	/	≤11	PASS
	5500	SISO	0.89	/	≤11	PASS
	5580	SISO	-0.45	/	≤11	PASS
	5600	SISO	0.09	/	≤11	PASS
5700	SISO	-0.4	/	≤11	PASS	
802.11ac(VHT40)	5190	SISO	1.92	6.79	≤11	PASS
	5230	SISO	1.59	6.46	≤11	PASS
	5270	SISO	2.88	/	≤11	PASS
	5310	SISO	2.33	/	≤11	PASS
	5510	SISO	-1.85	/	≤11	PASS
	5550	SISO	-1.94	/	≤11	PASS
	5590	SISO	-1.77	/	≤11	PASS
5670	SISO	-1.67	/	≤11	PASS	
802.11ac(VHT80)	5210	SISO	-0.71	4.16	≤11	PASS
	5290	SISO	0.2	5.07	≤11	PASS
	5530	SISO	-3.44	/	≤11	PASS
	5610	SISO	-3.99	/	≤11	PASS

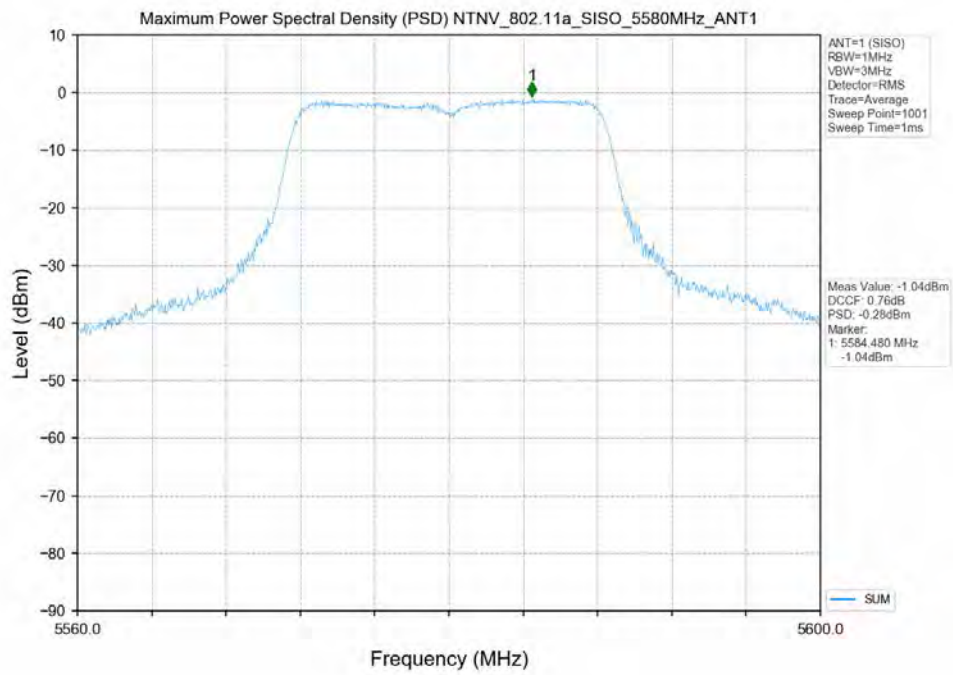
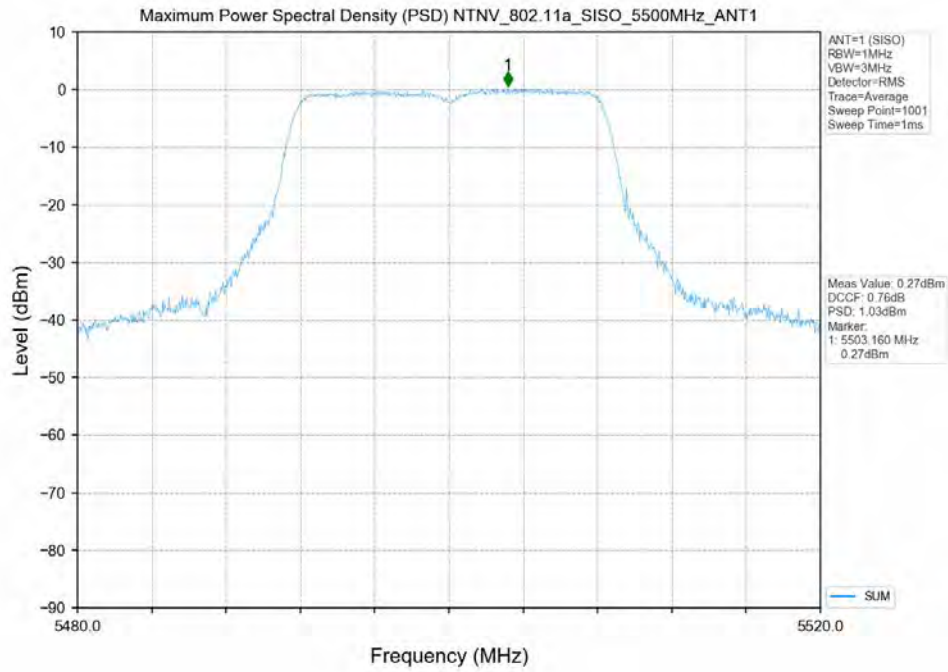
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	-2.31	≤30	PASS
	5785	SISO	-4.11	≤30	PASS
	5825	SISO	-1.91	≤30	PASS
802.11n(HT20)	5745	SISO	-2.26	≤30	PASS
	5785	SISO	-3.81	≤30	PASS
	5825	SISO	-2.41	≤30	PASS
802.11n(HT40)	5755	SISO	-3.93	≤30	PASS
	5795	SISO	-4.36	≤30	PASS
802.11ac(VHT20)	5745	SISO	-2.50	≤30	PASS
	5785	SISO	-3.83	≤30	PASS
	5825	SISO	-2.08	≤30	PASS
802.11ac(VHT40)	5755	SISO	-3.82	≤30	PASS
	5795	SISO	-4.36	≤30	PASS
802.11ac(VHT80)	5775	SISO	-7.88	≤30	PASS

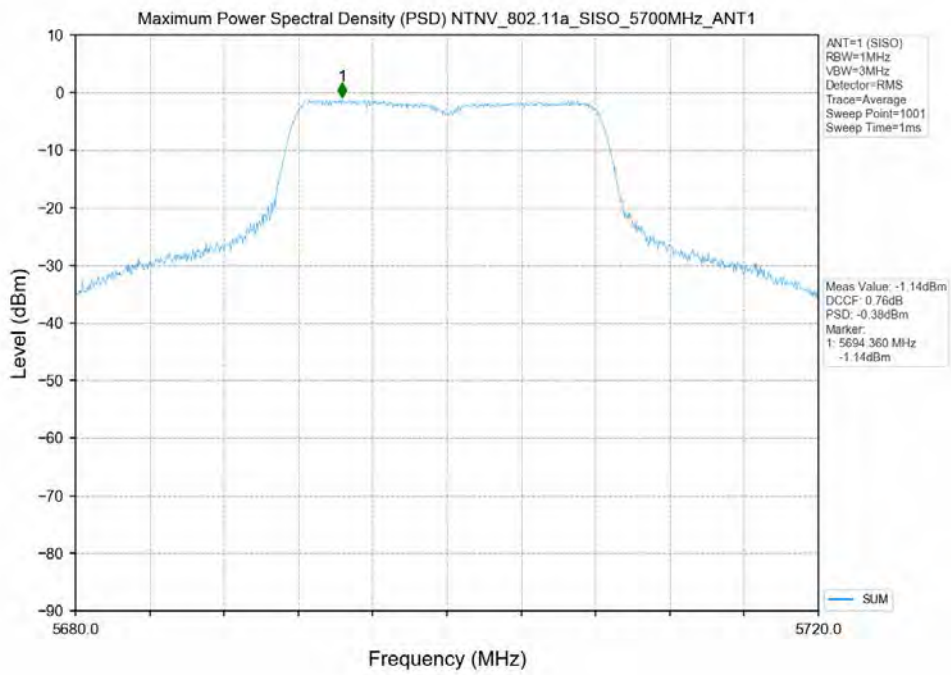
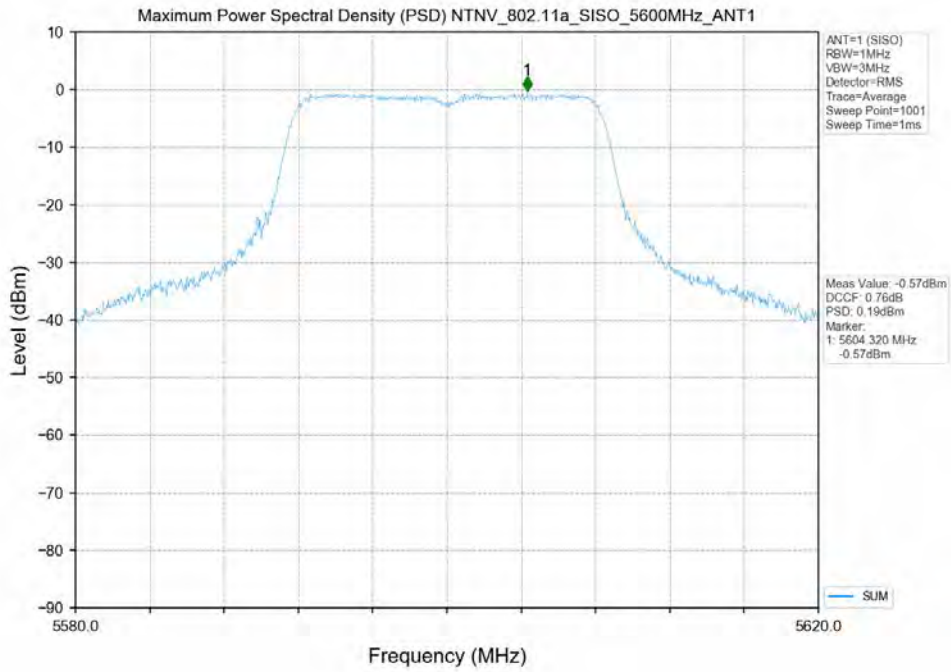
4.2 Test Graph

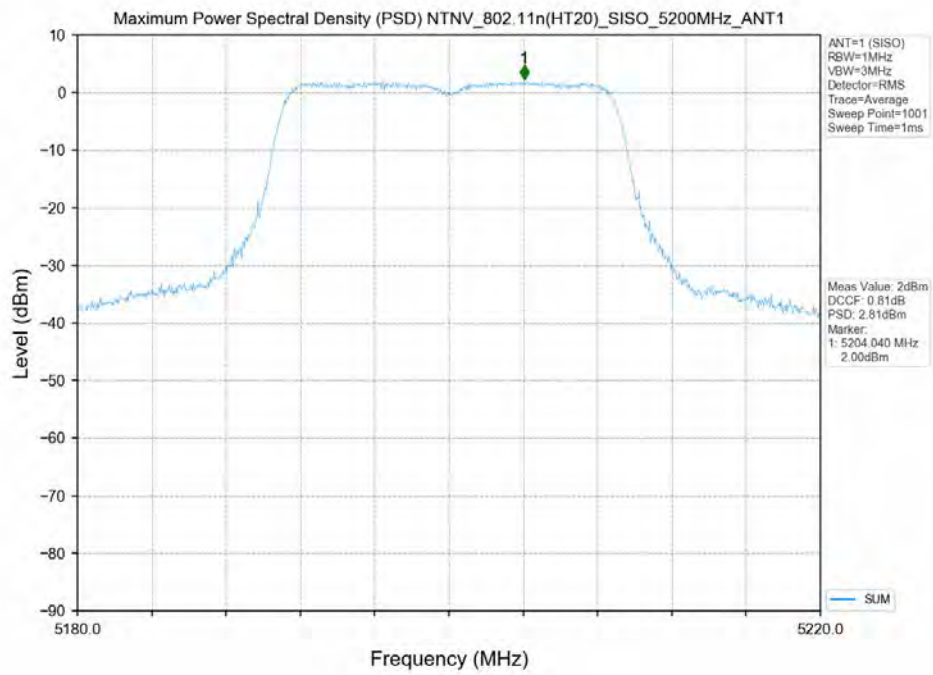
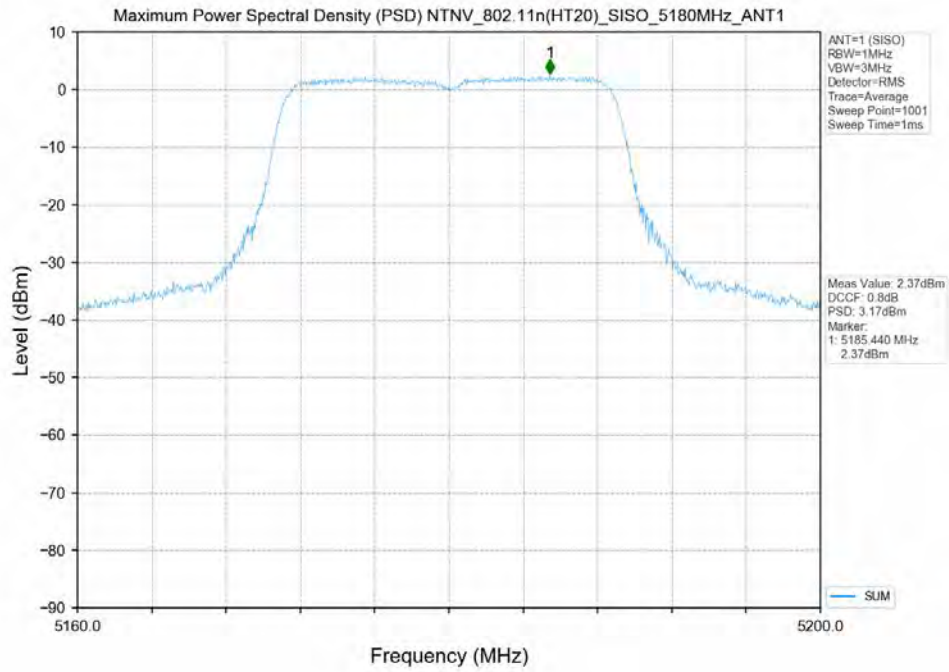


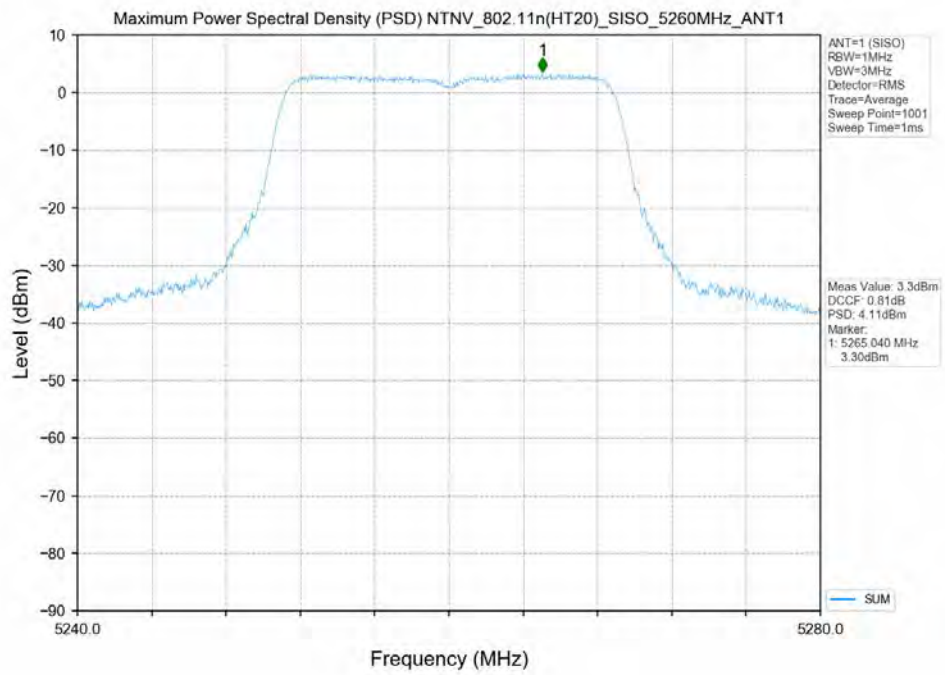
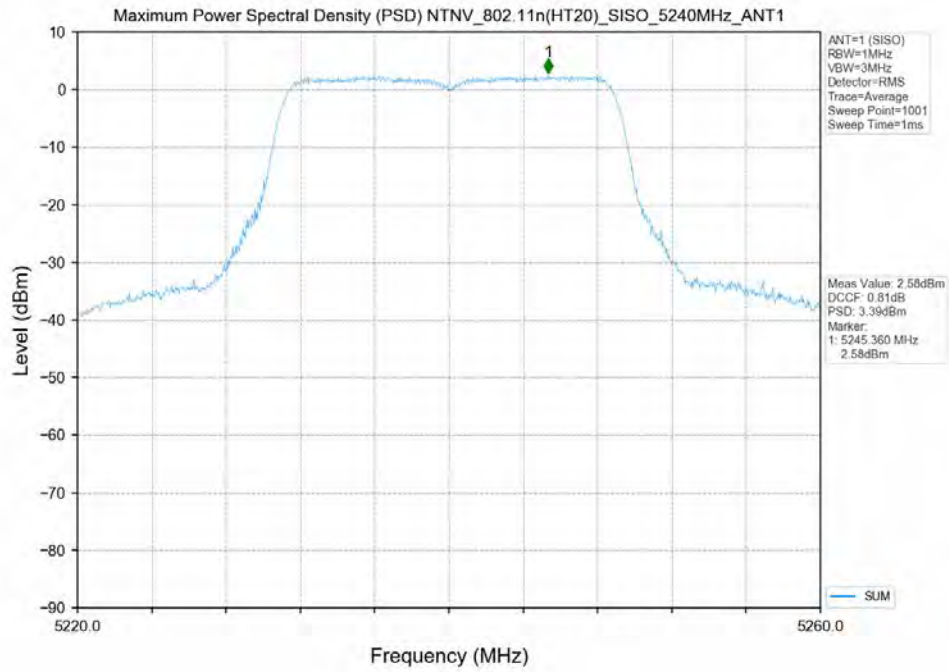


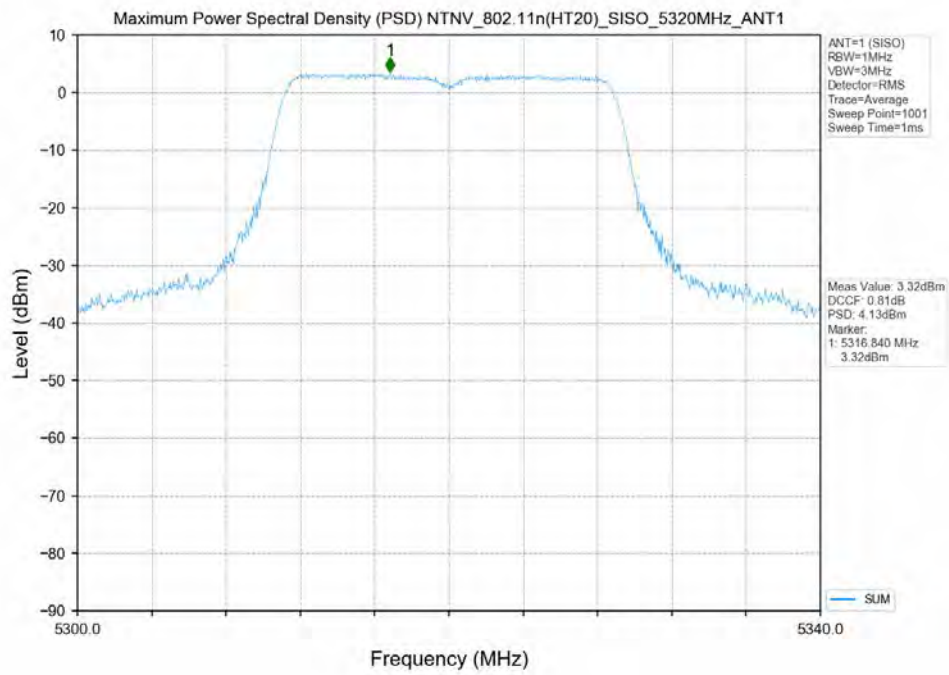
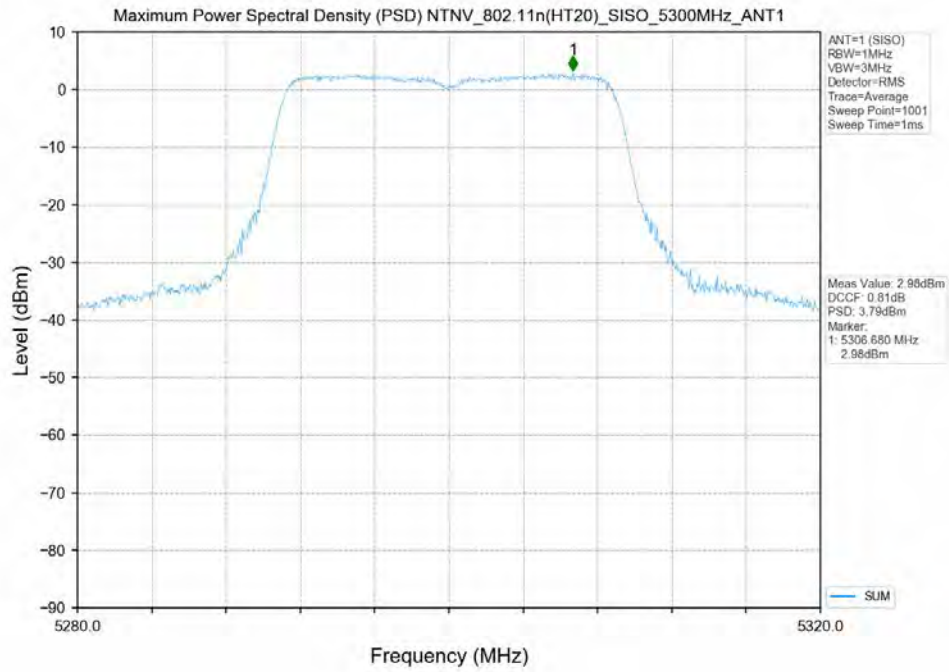


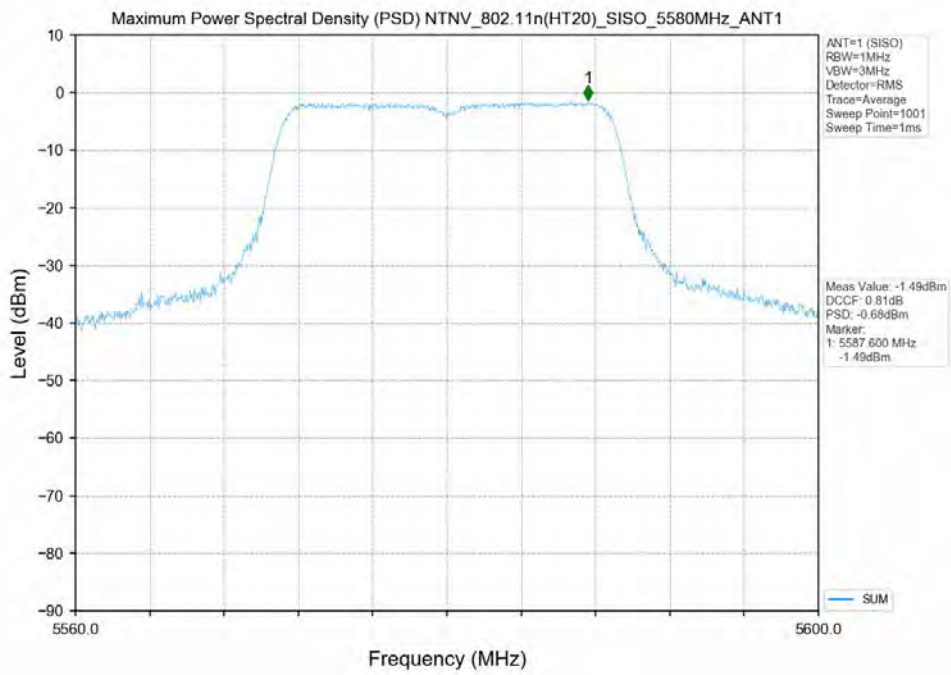
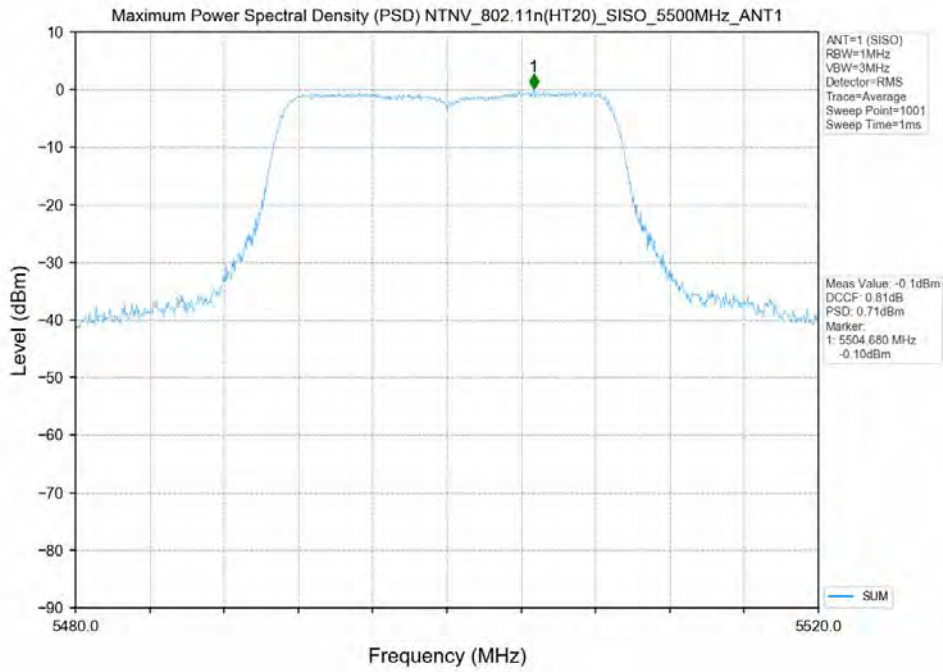


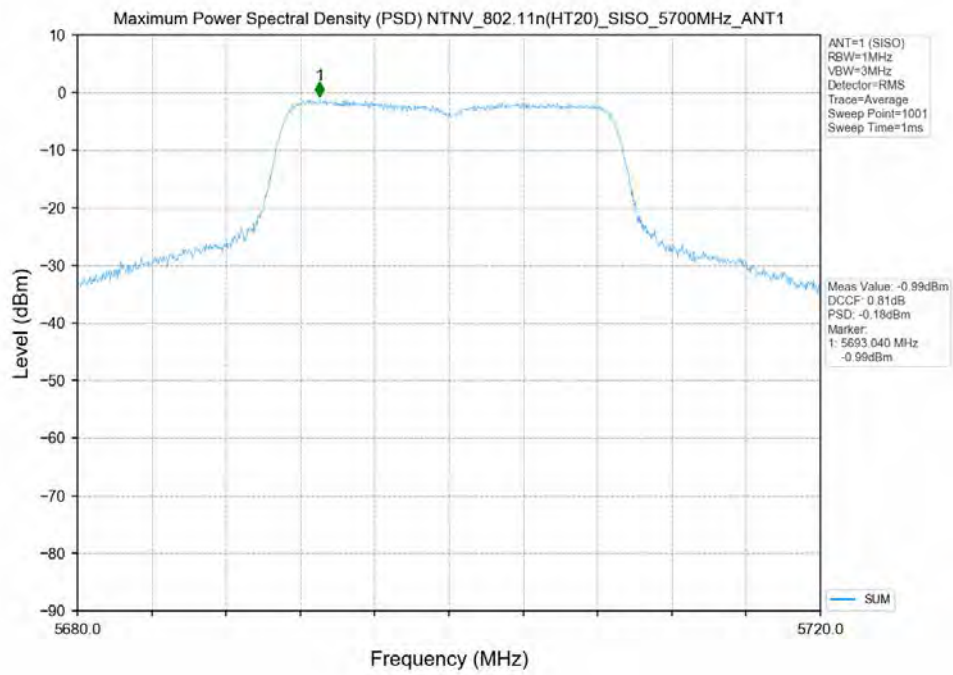
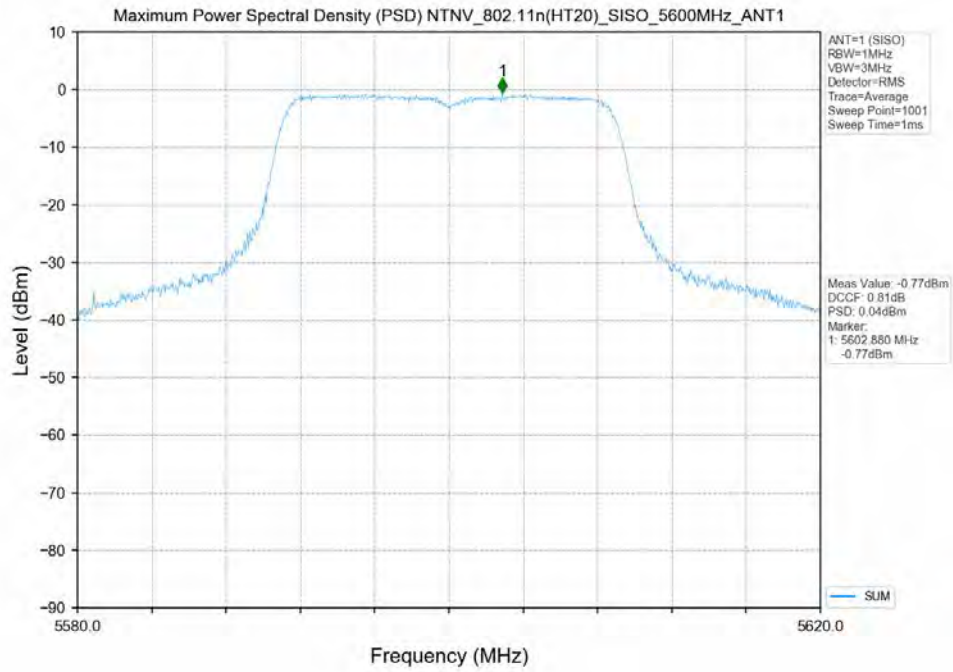


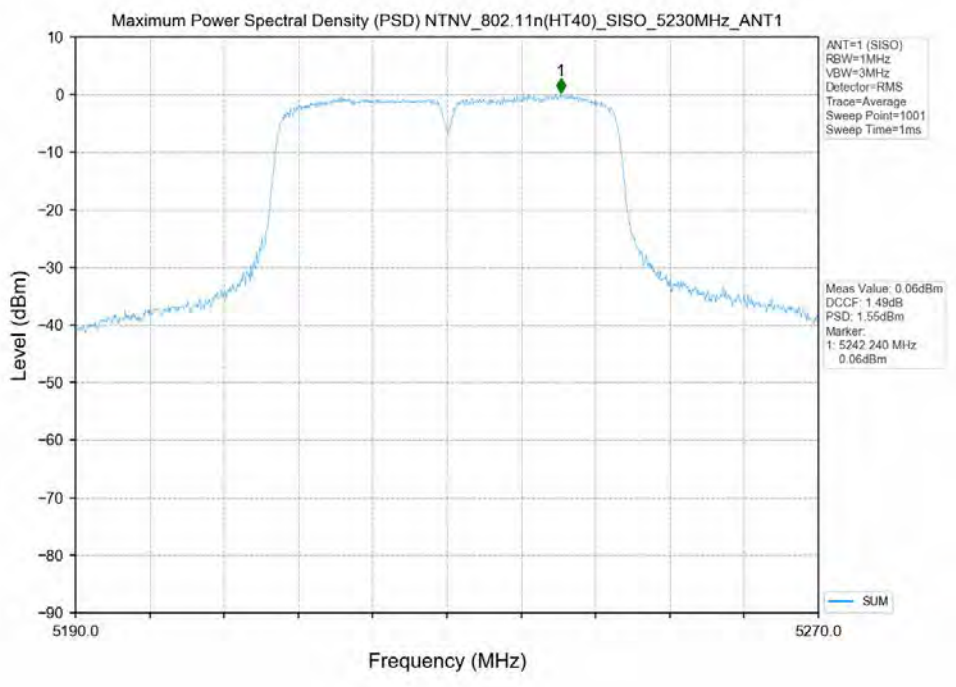
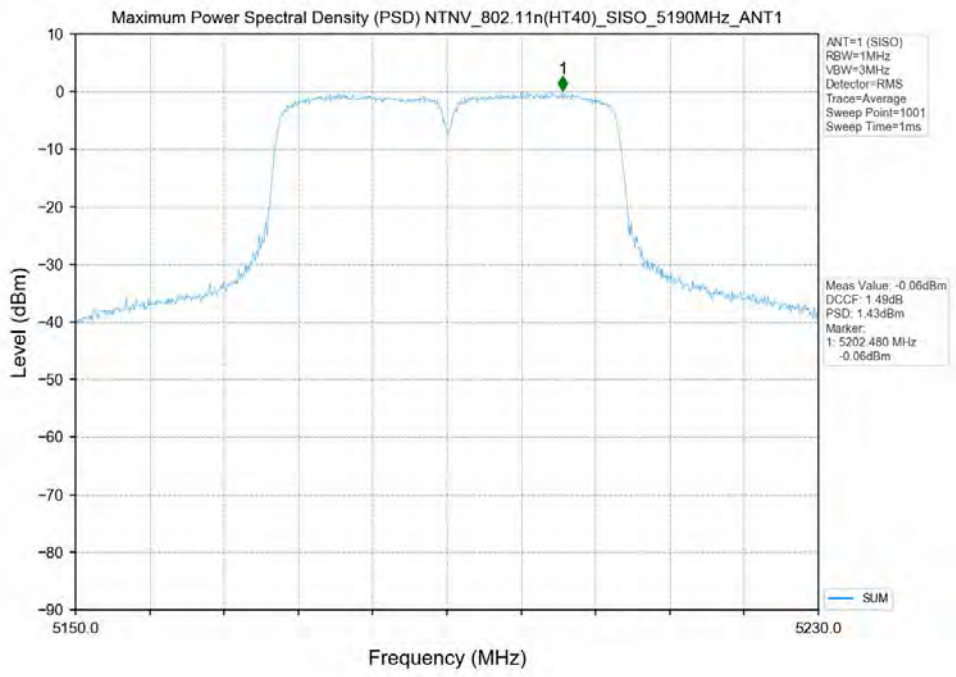


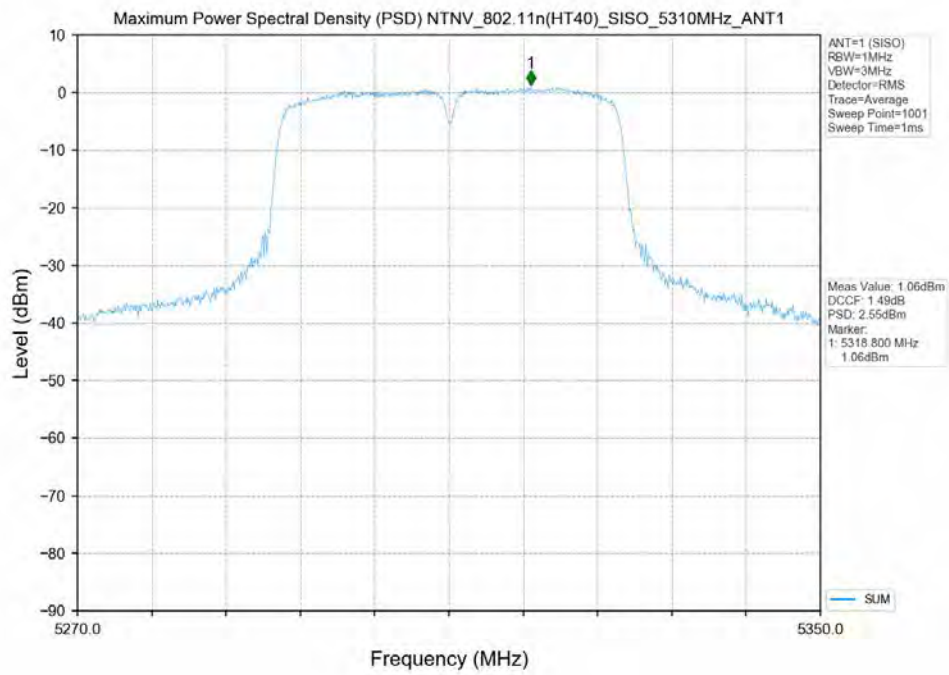
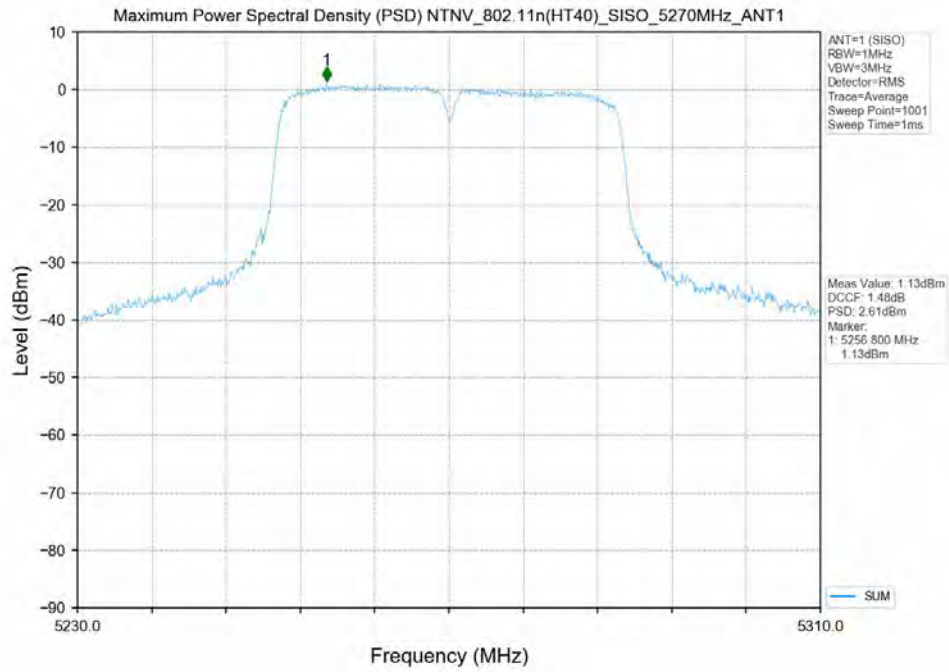


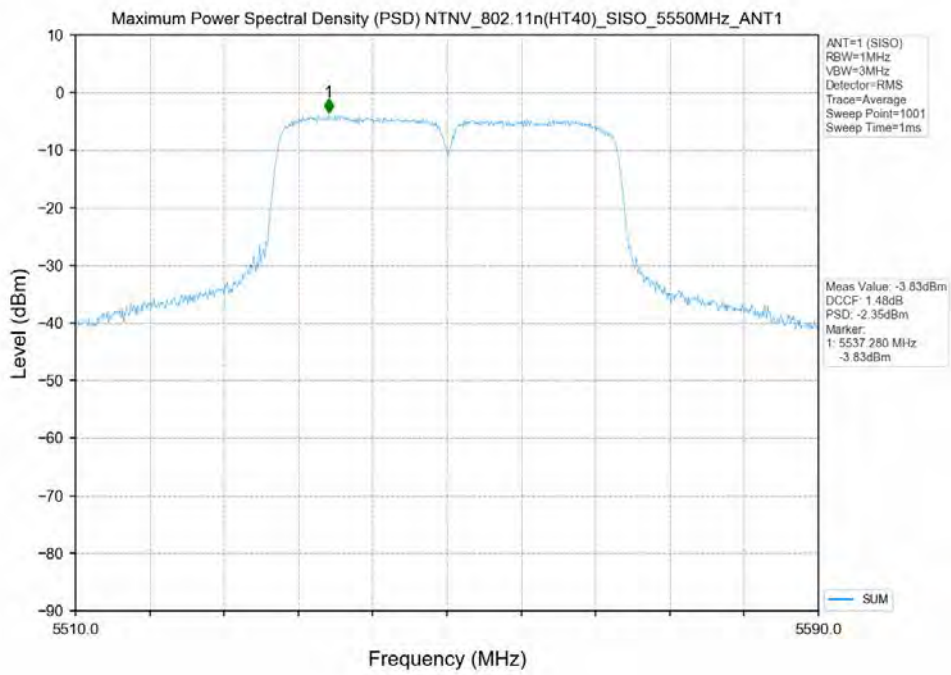
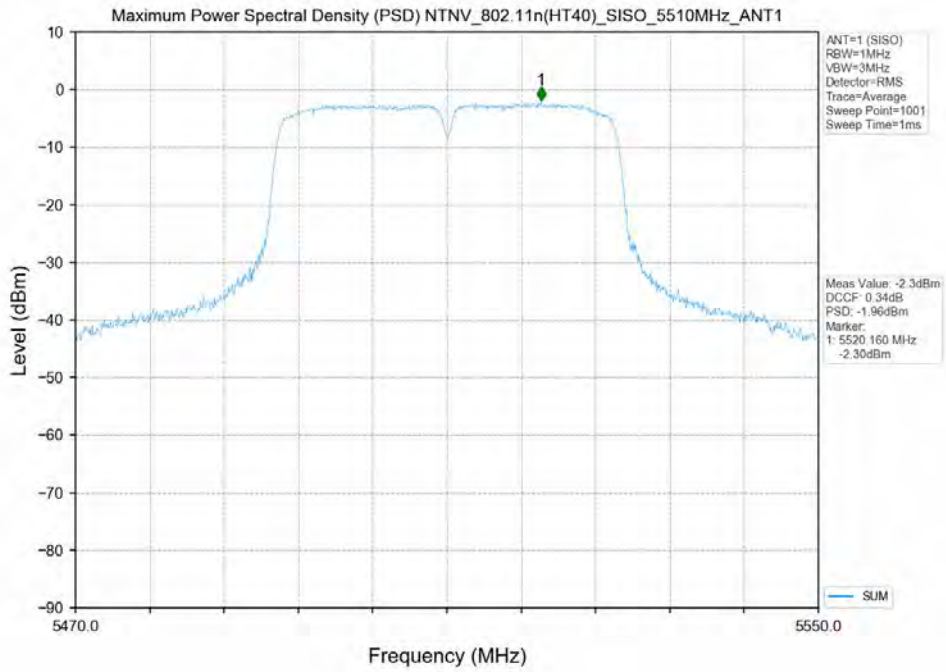


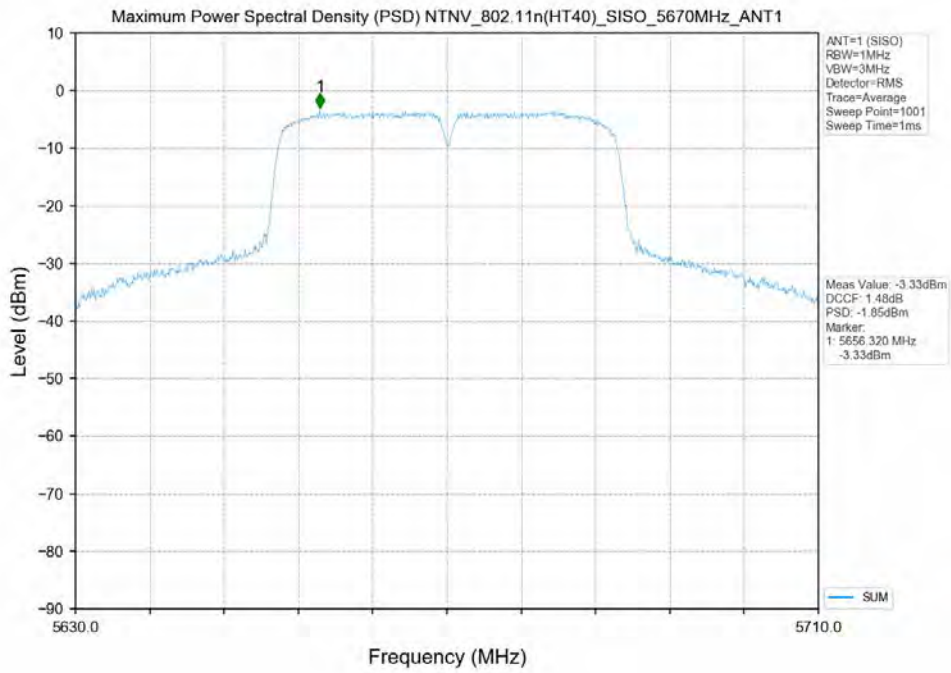
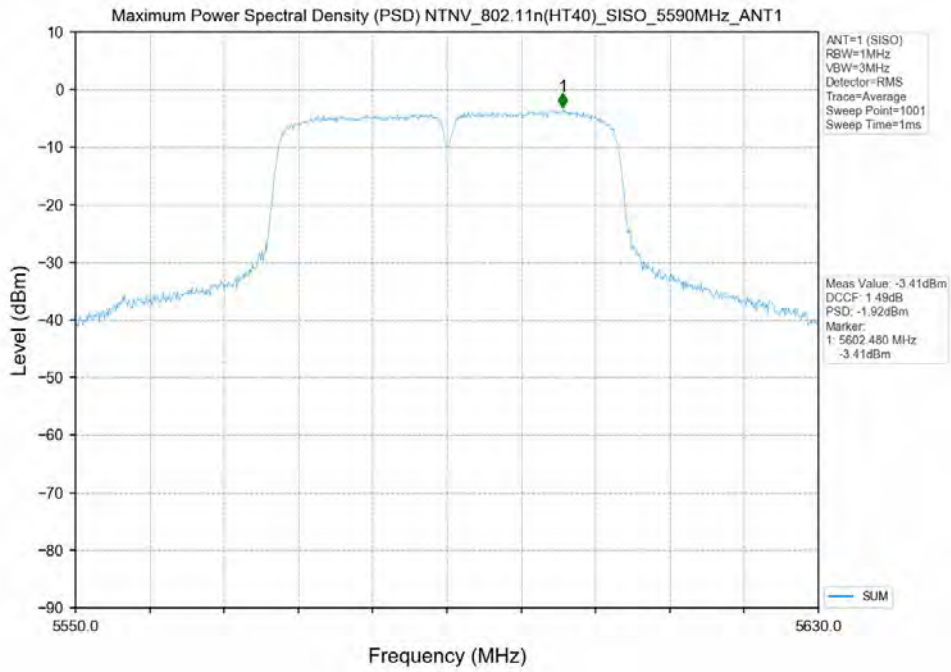


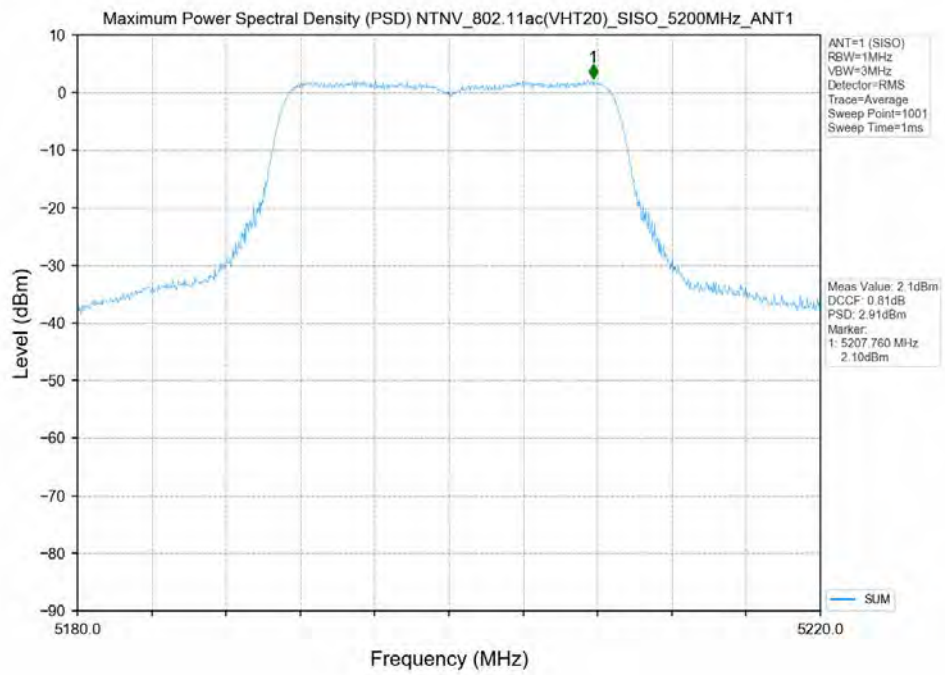
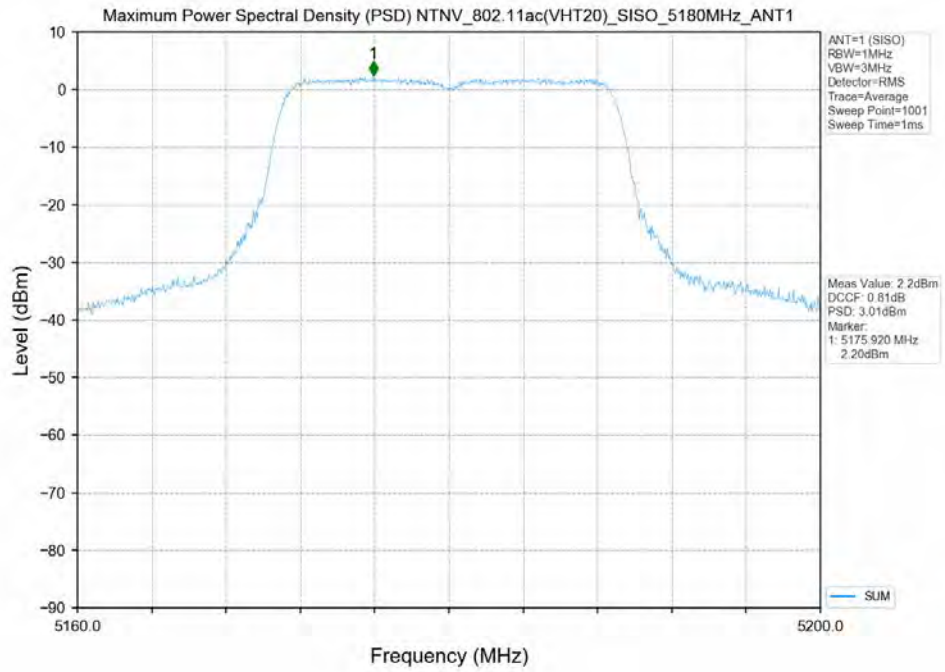


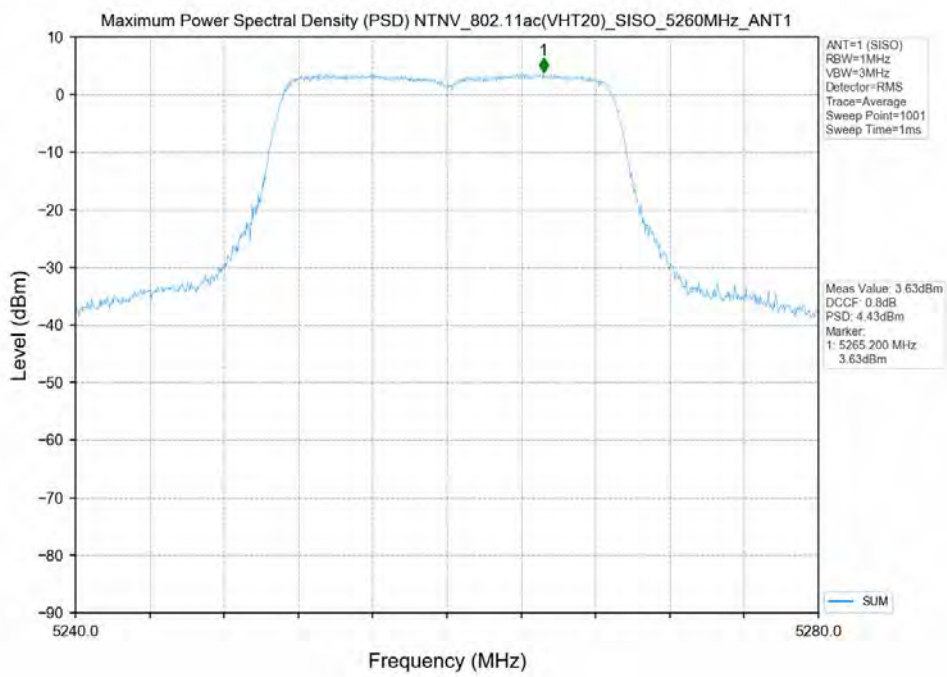
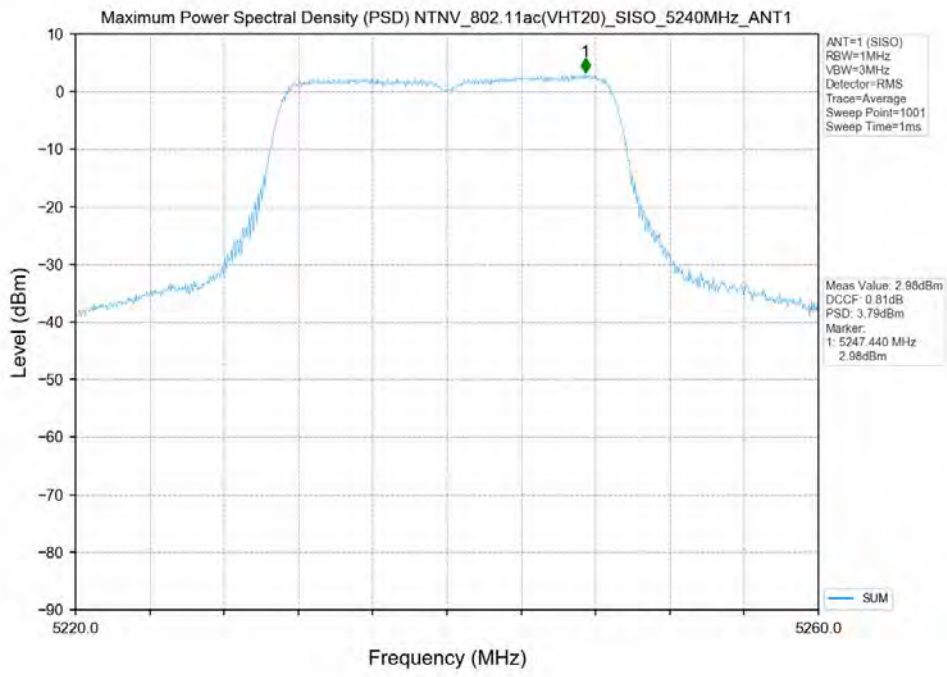


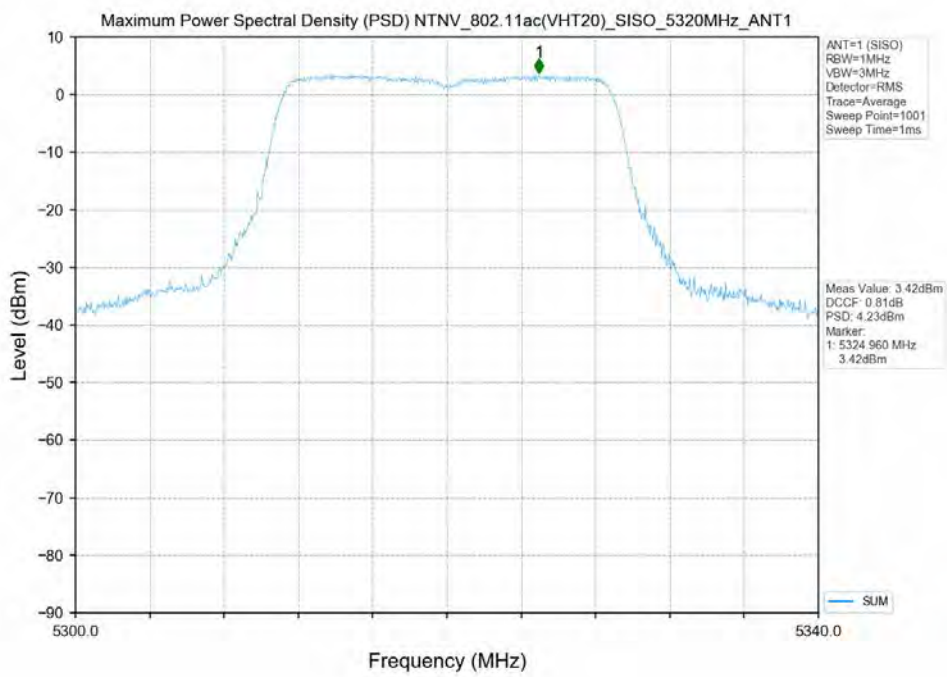
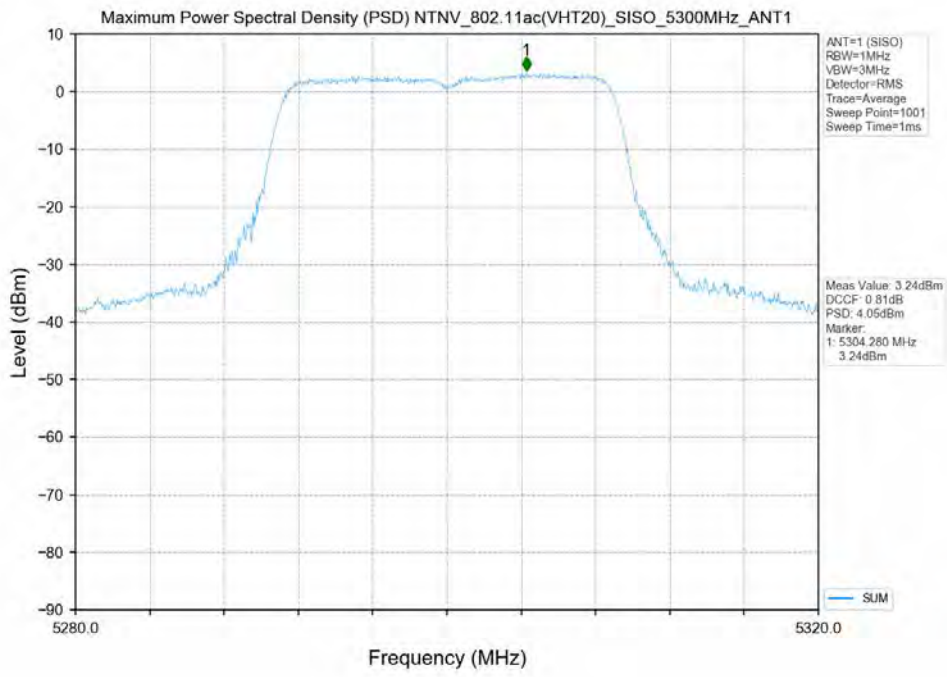


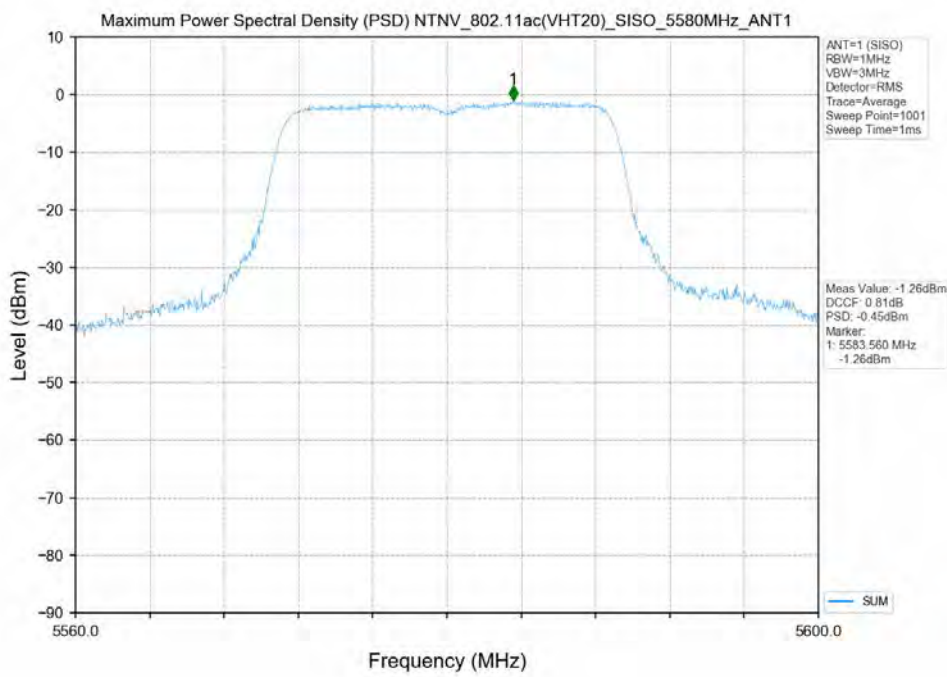
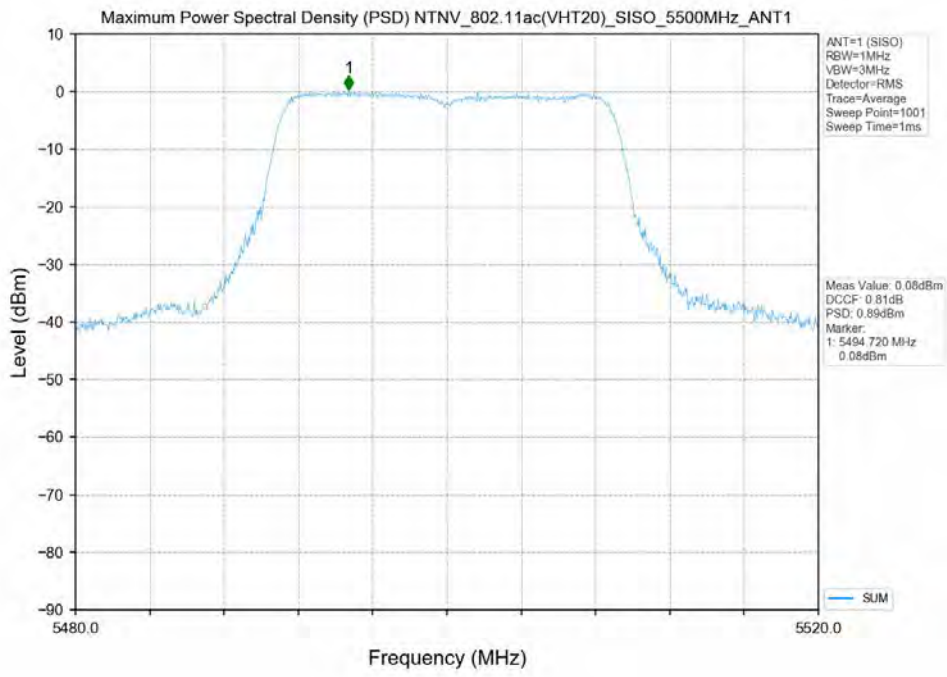


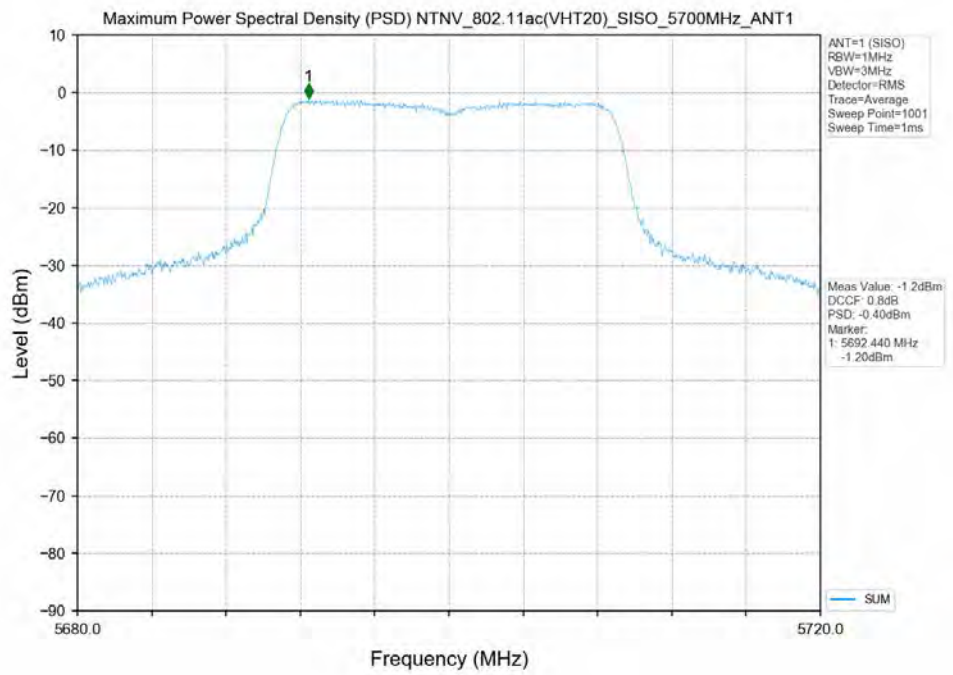
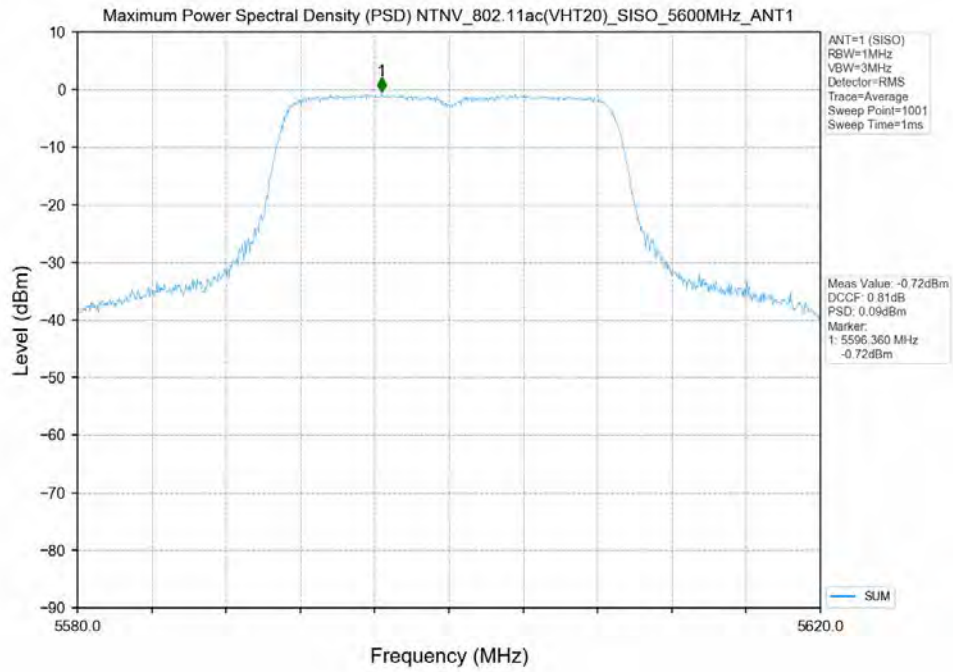


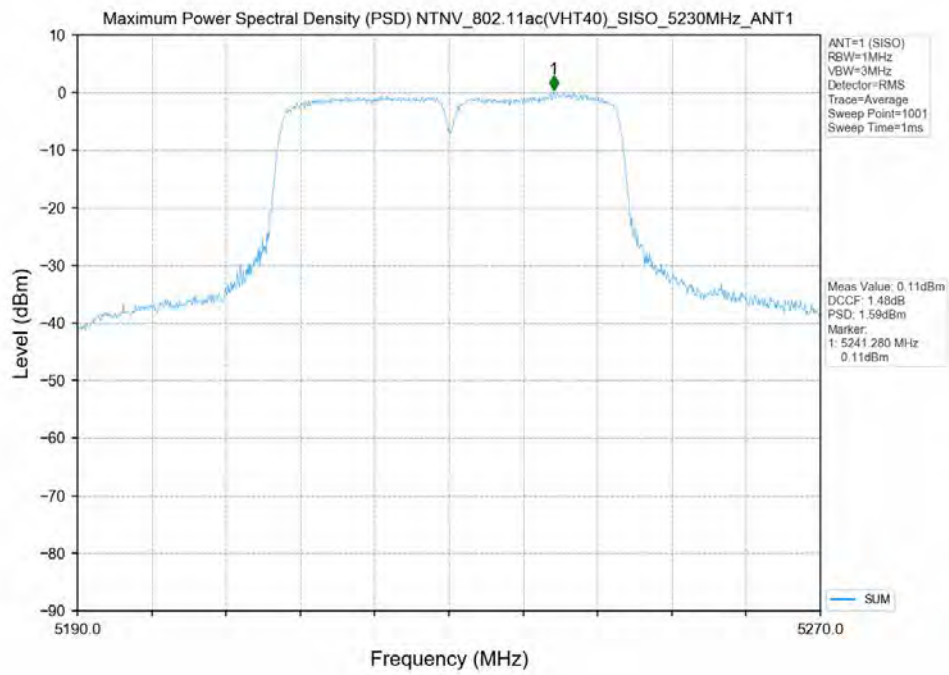
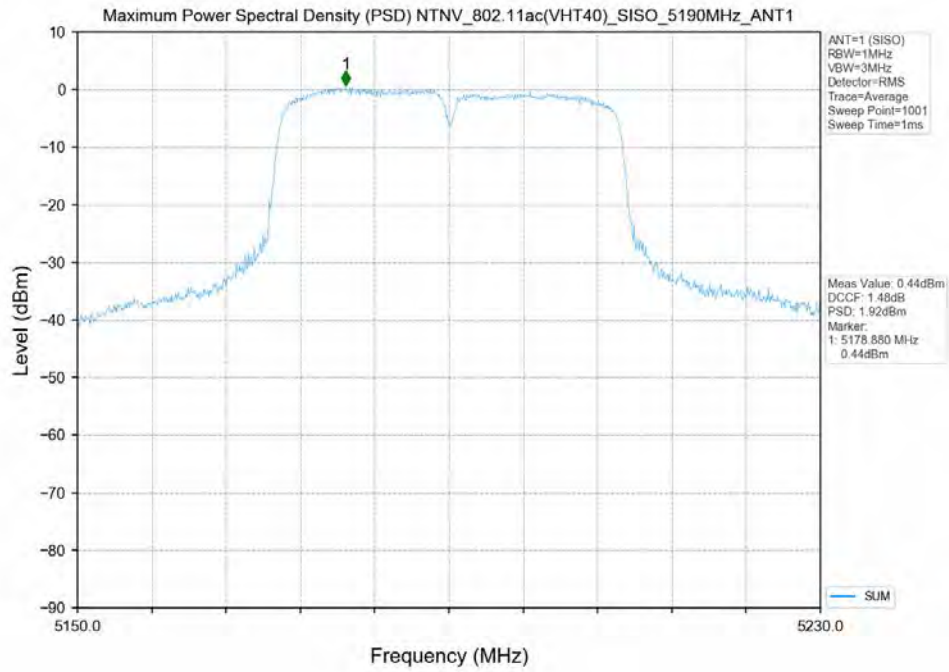


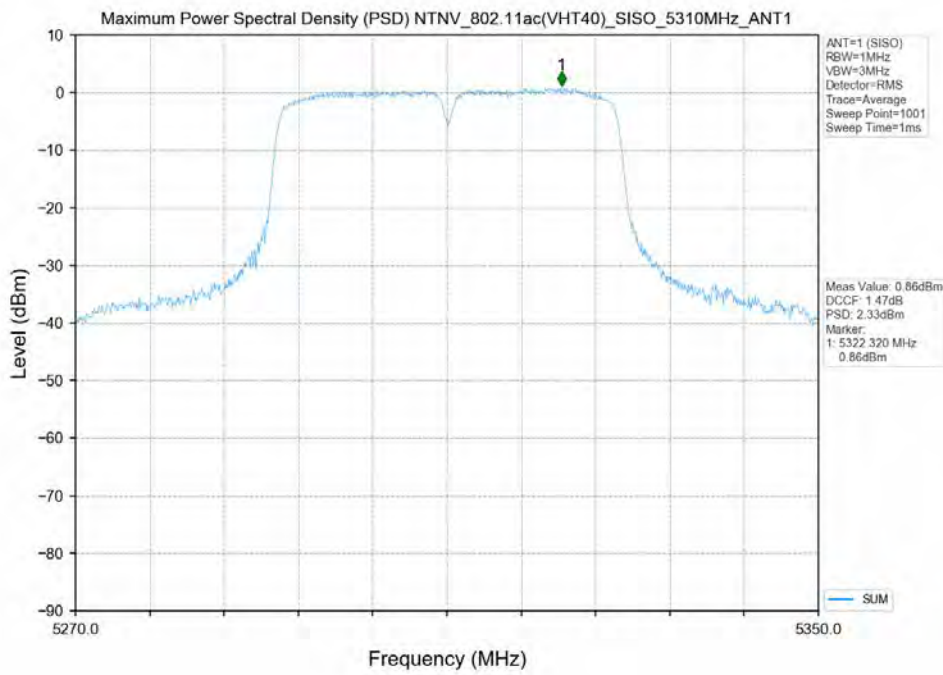
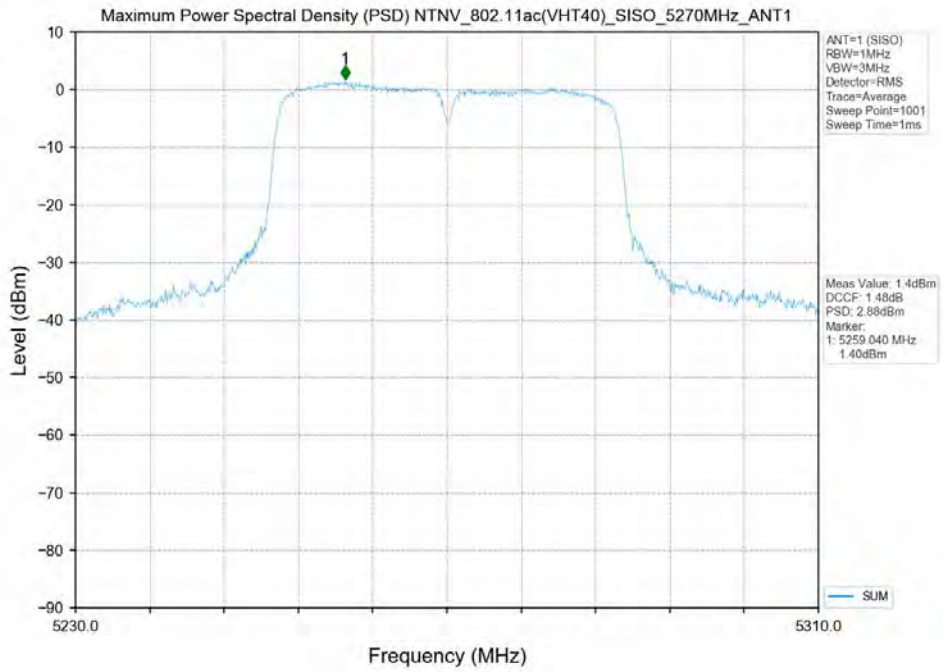


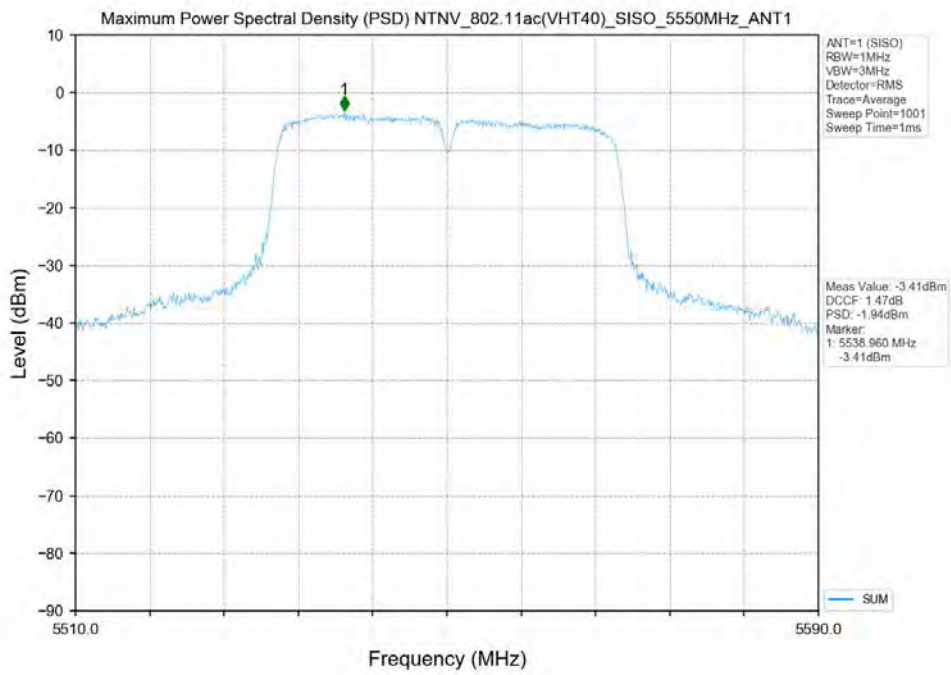
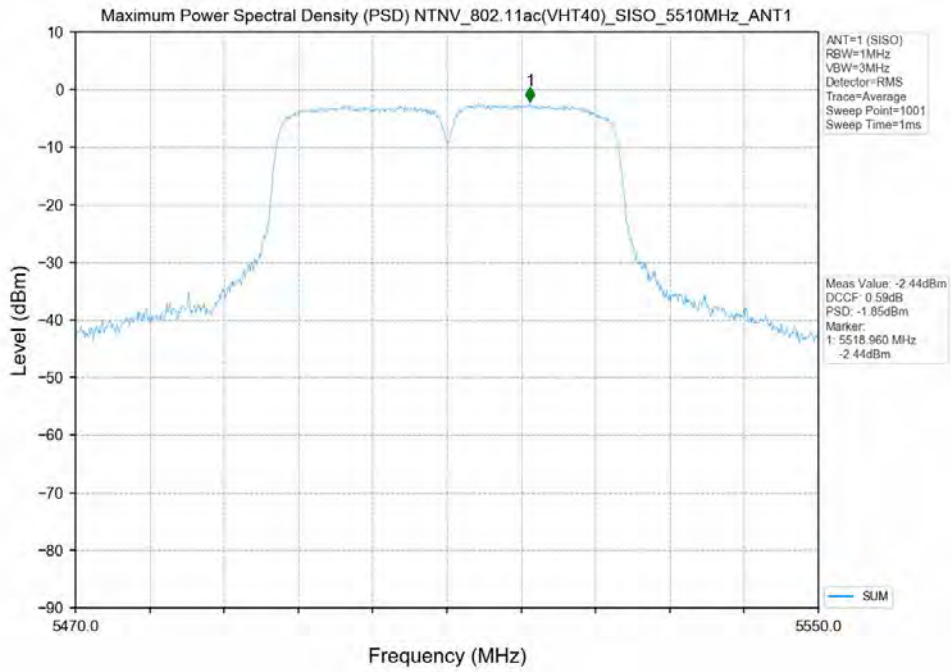


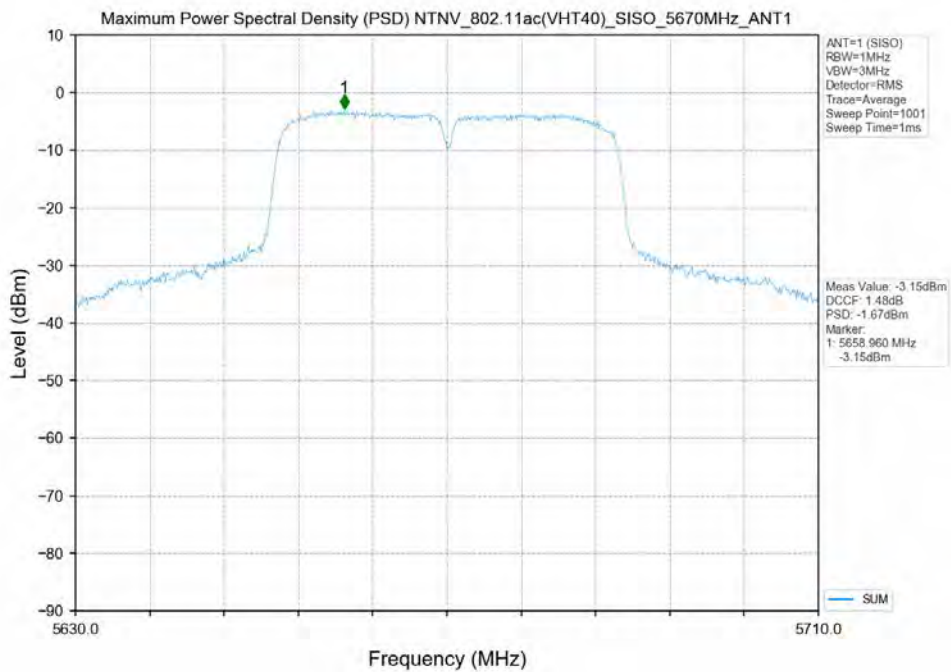
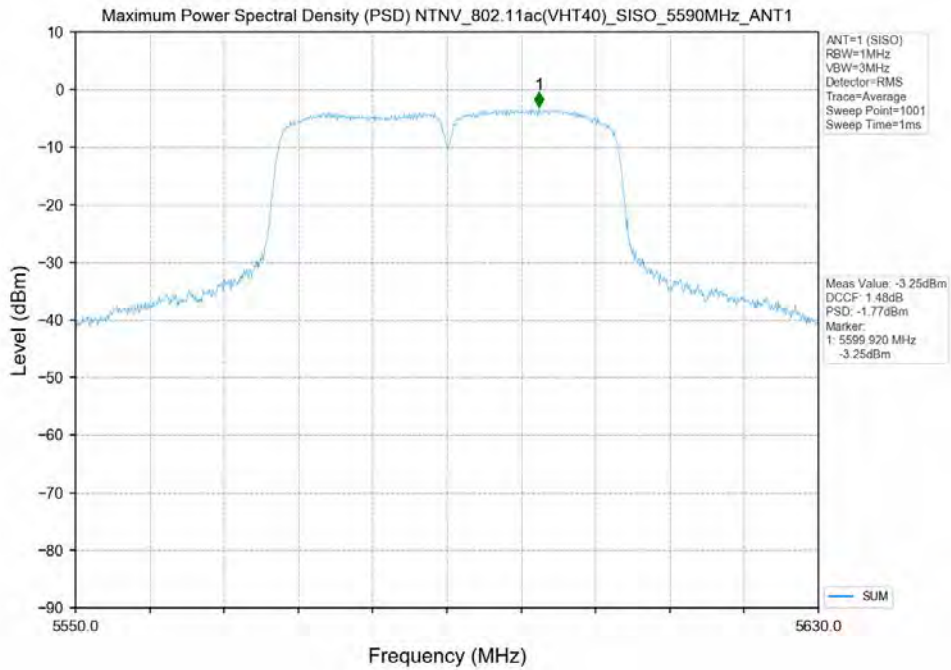


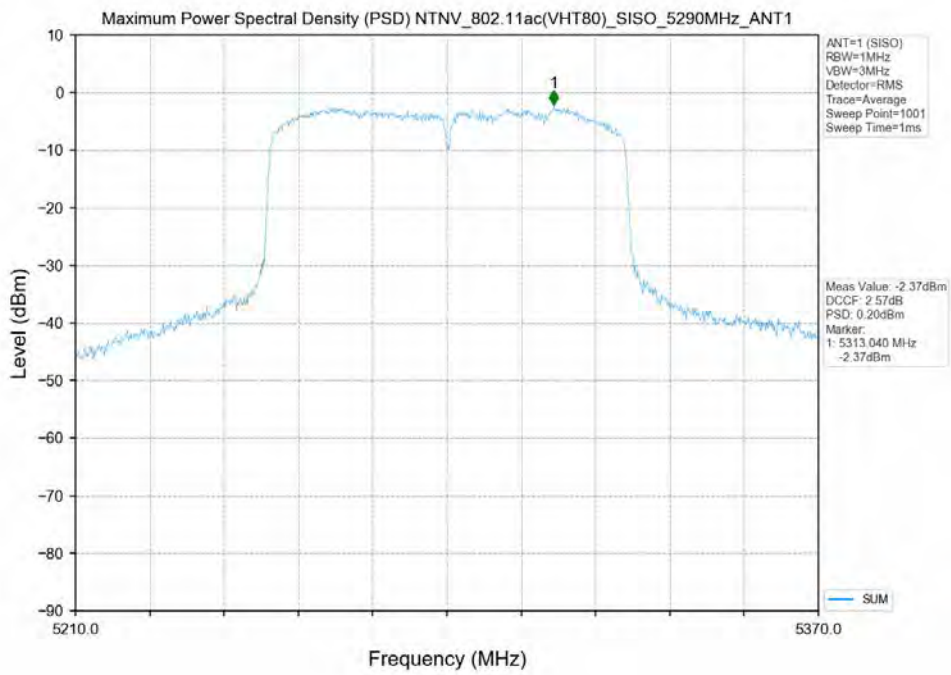
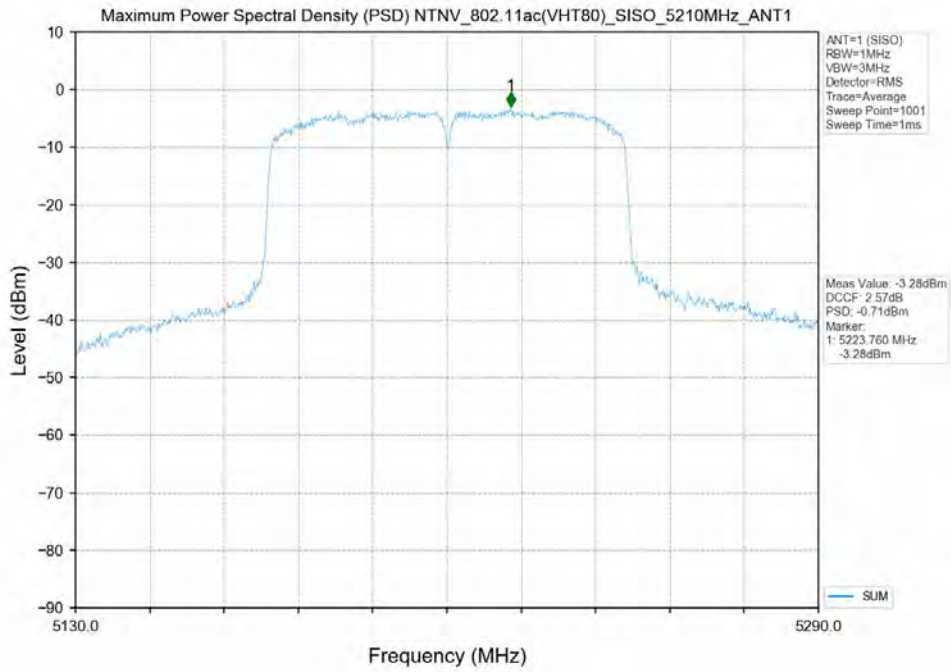


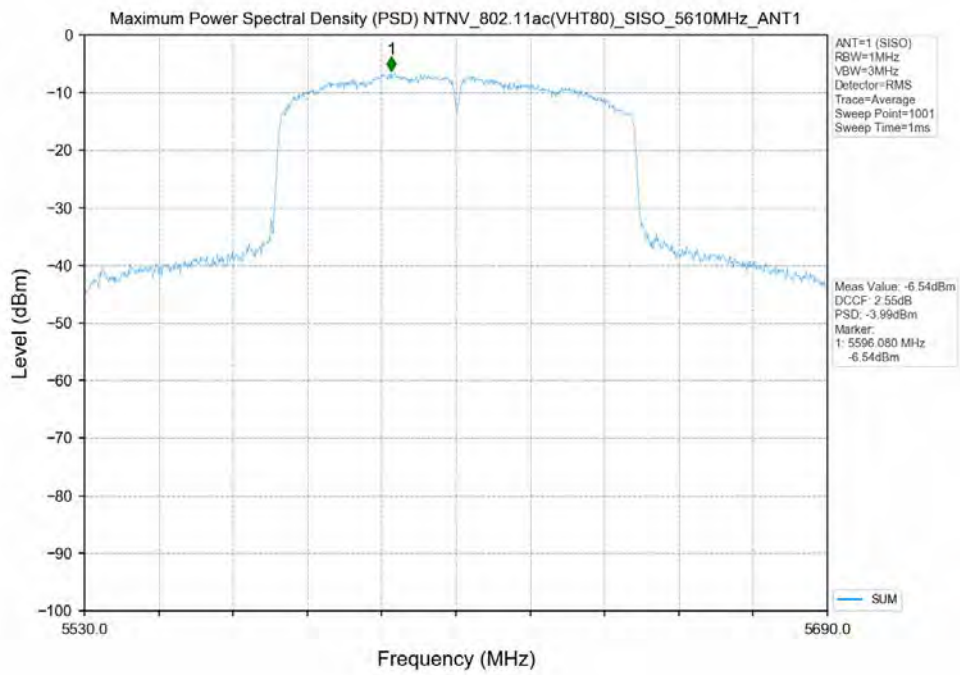
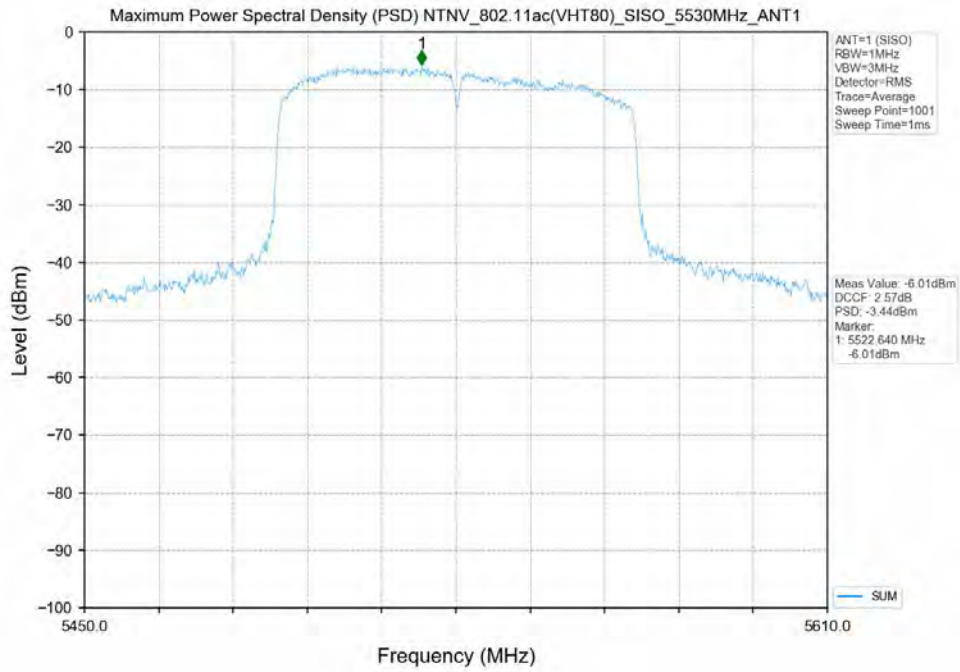


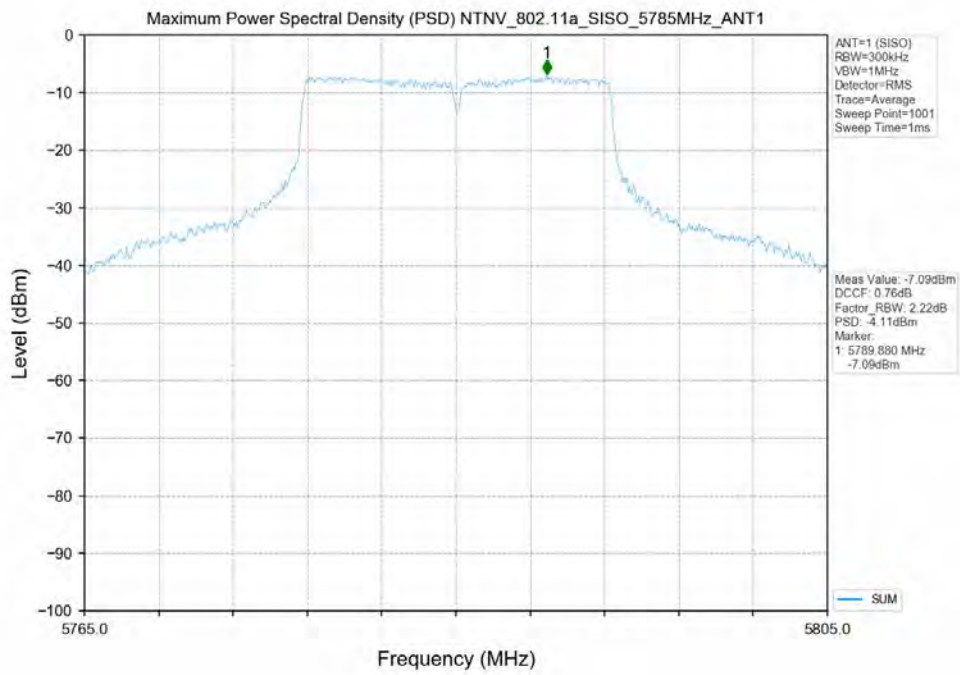
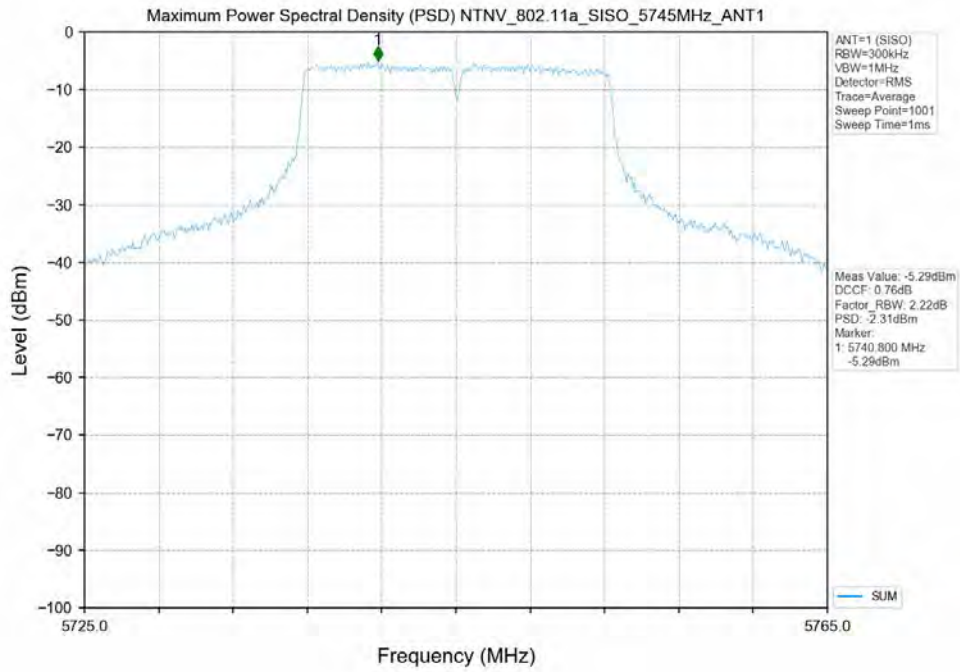


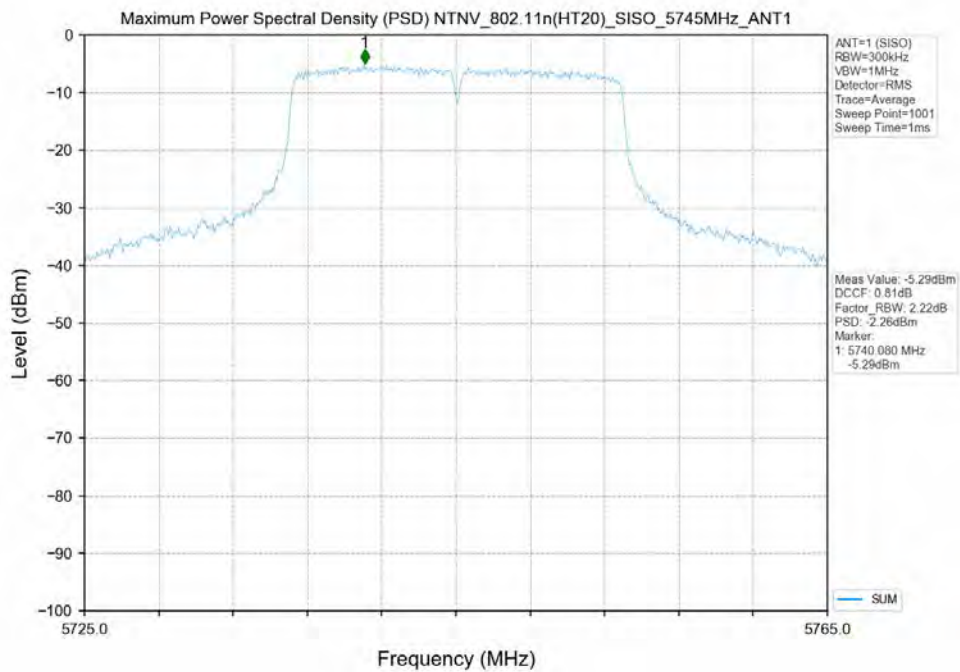
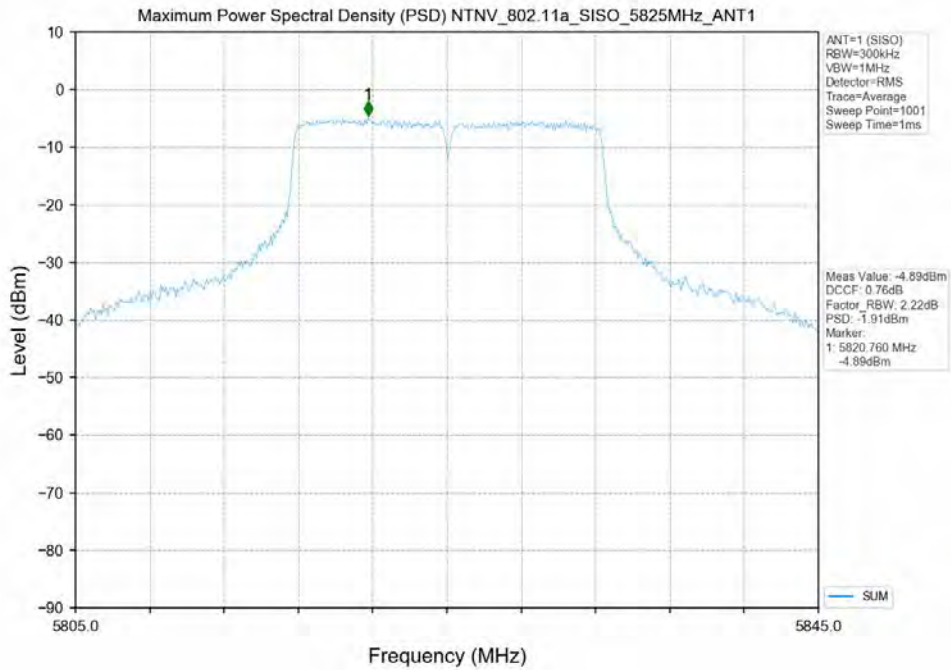


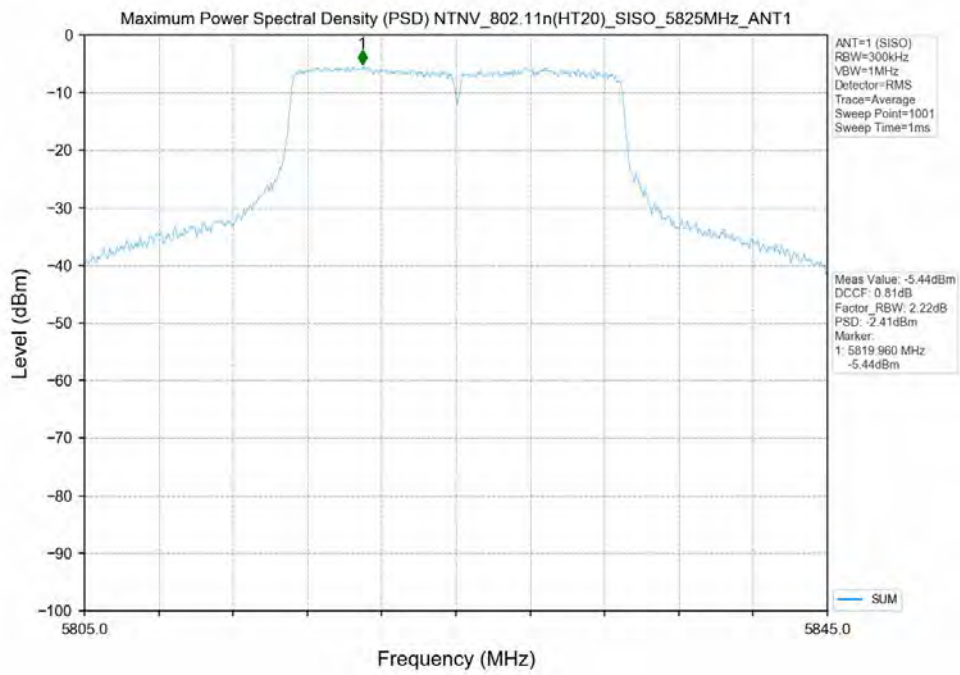
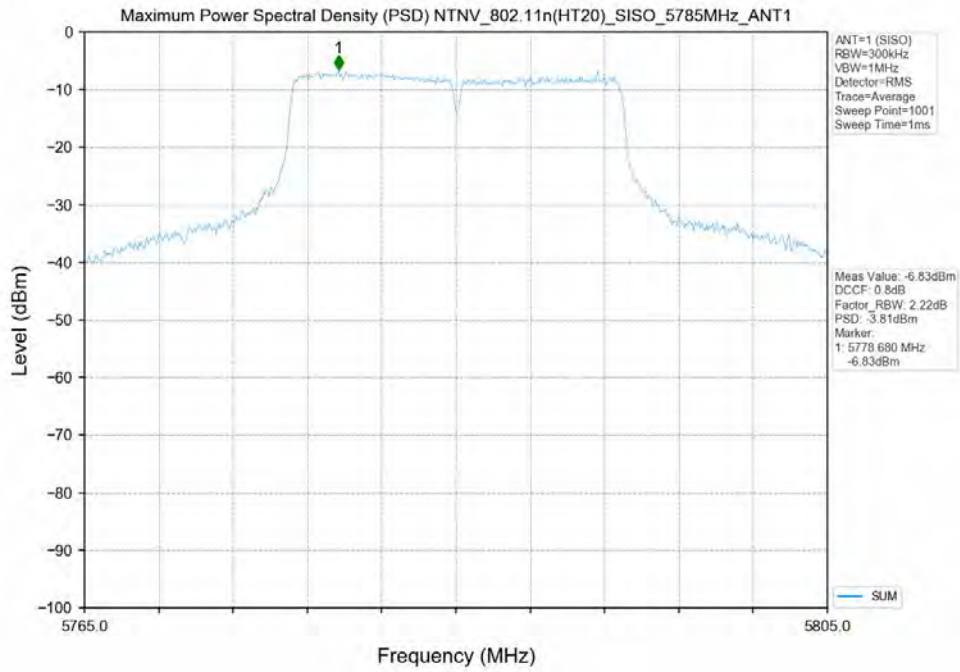


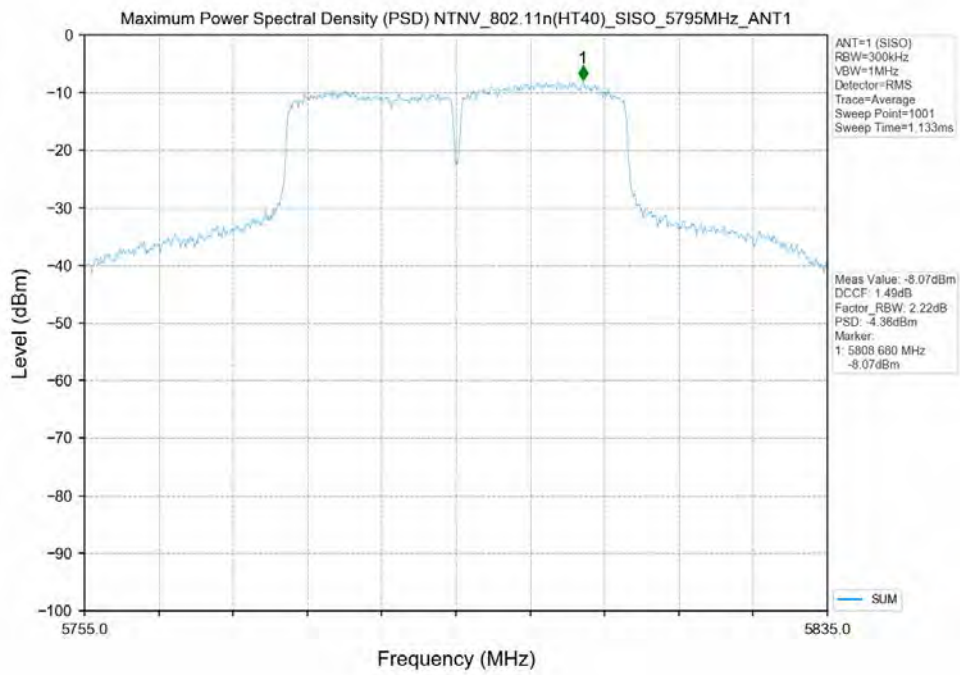
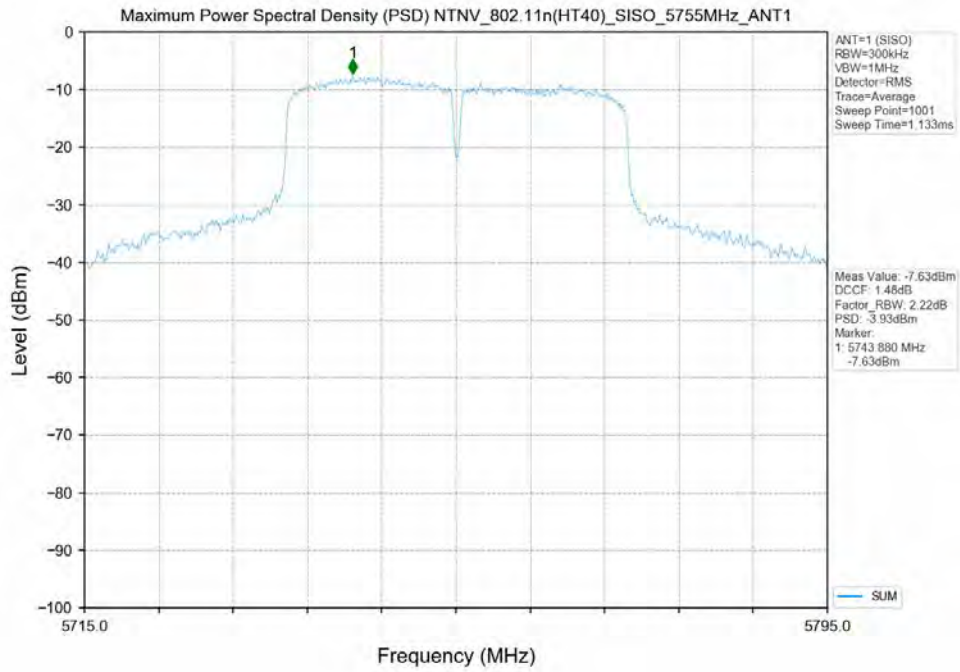


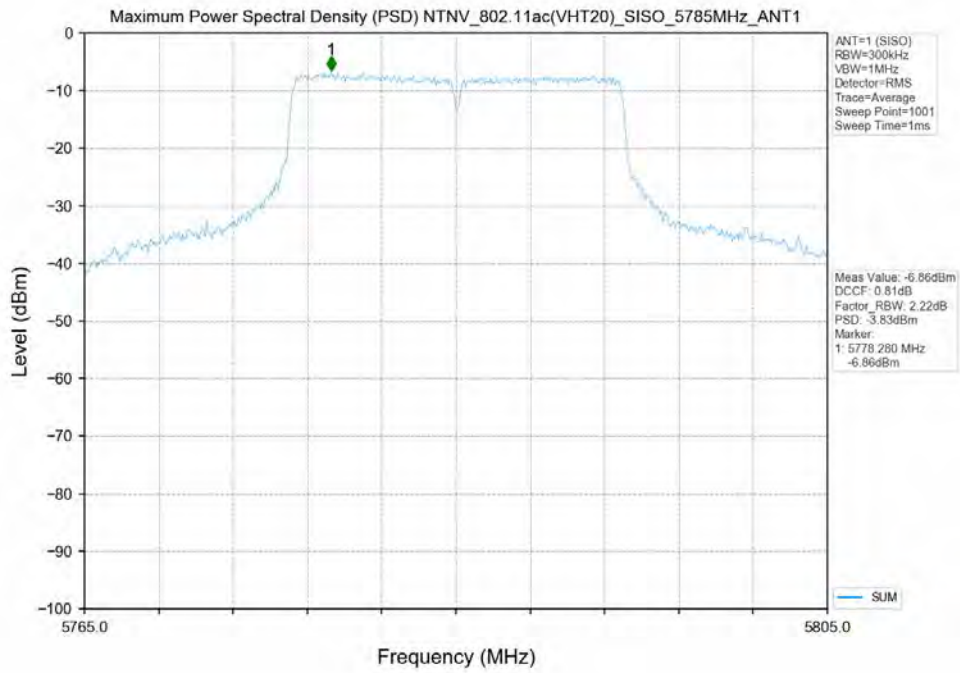
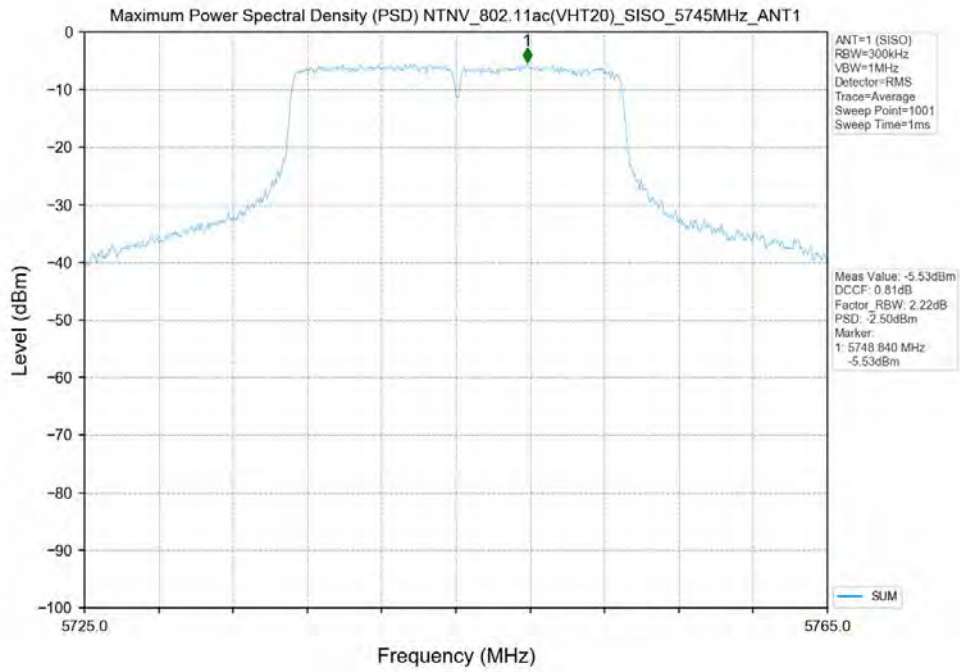


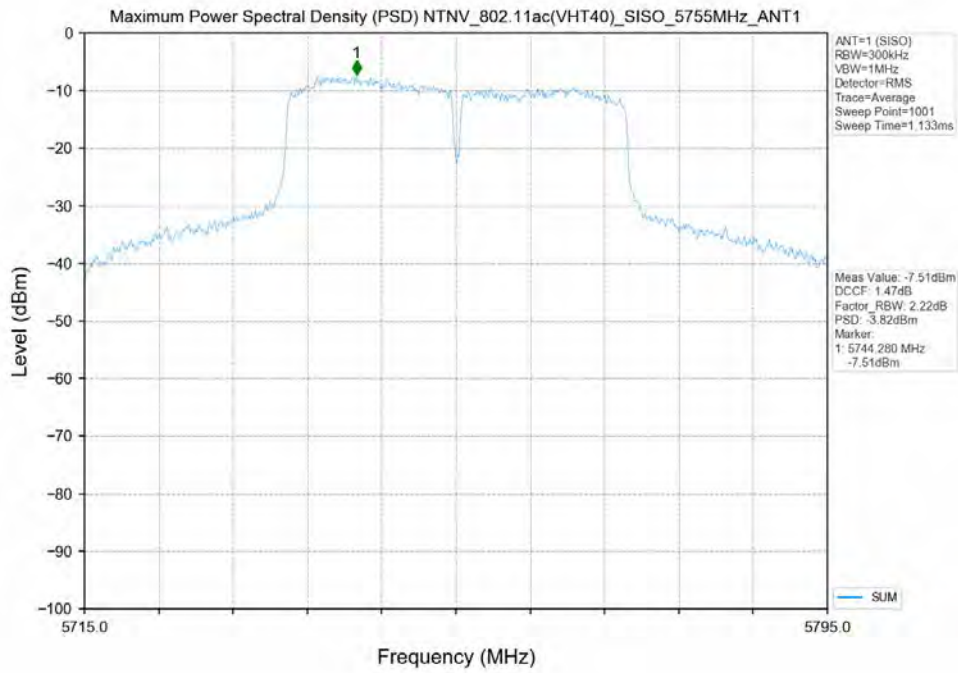
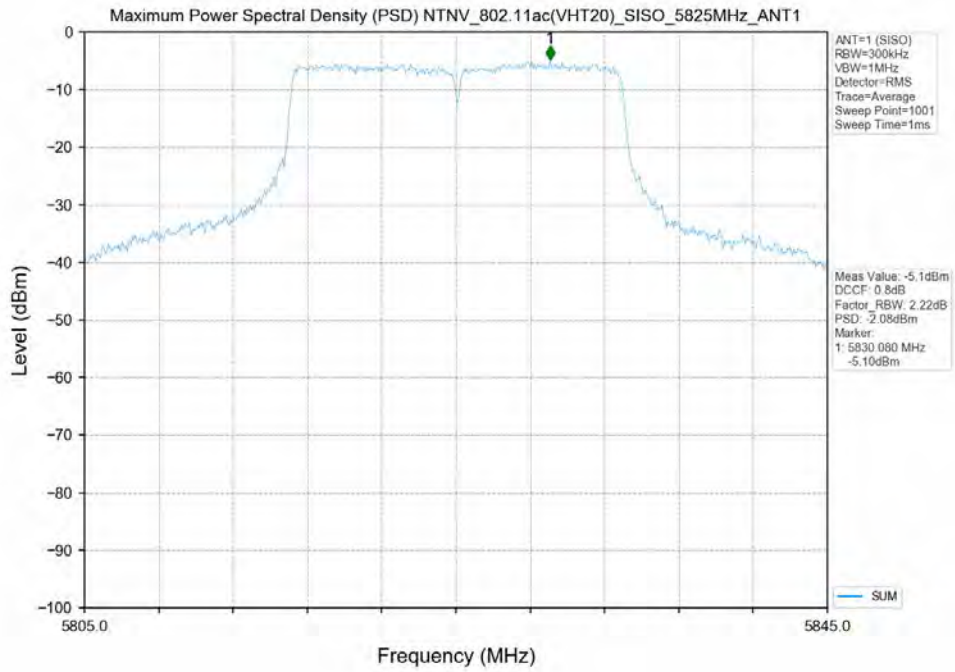


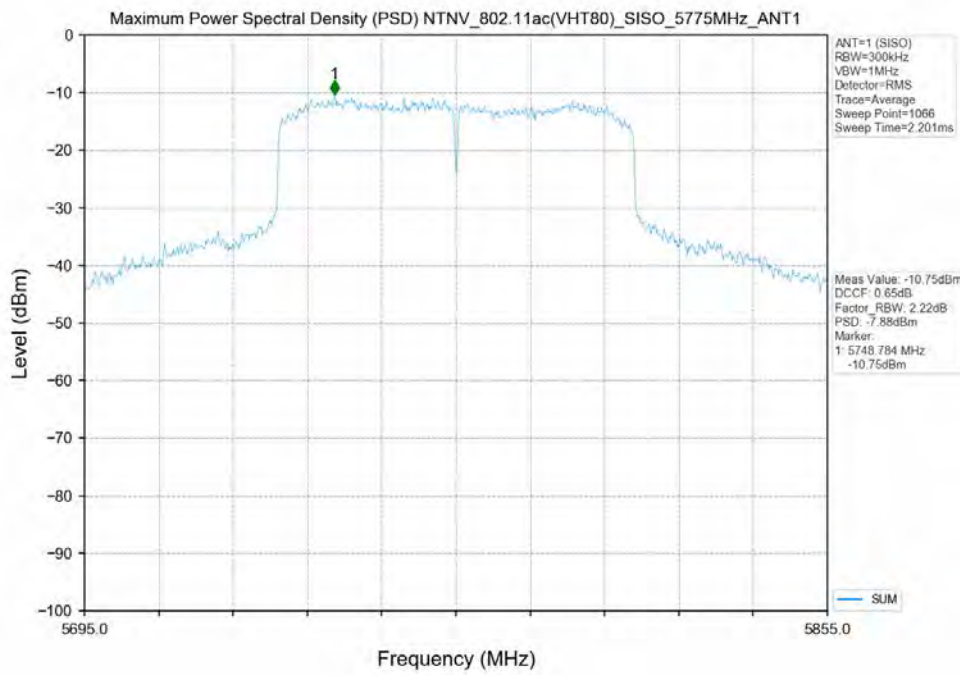
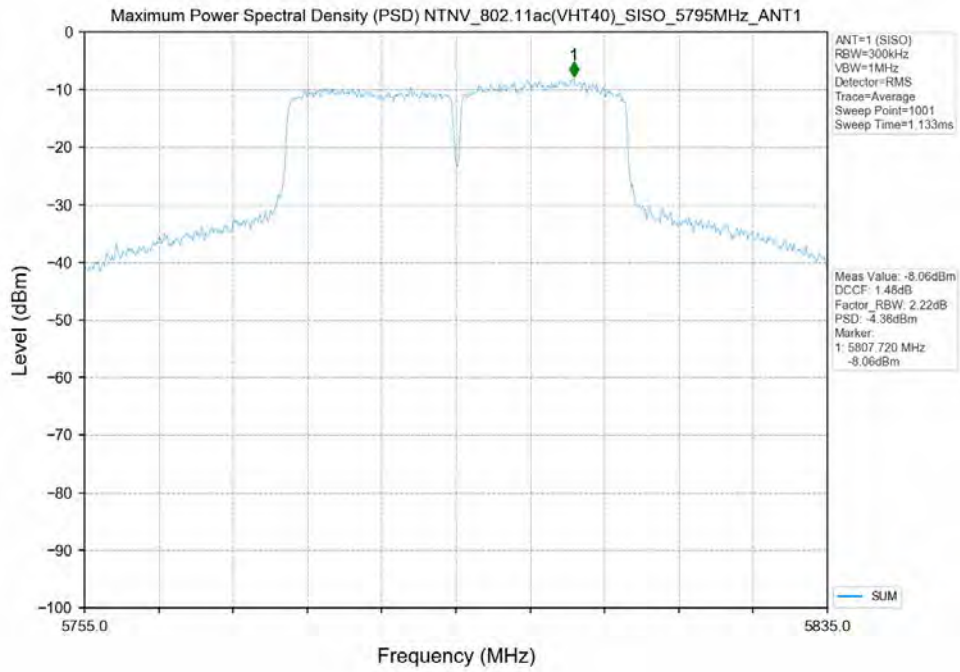












5. Frequency Stability

5.1 Test result

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result	
	Volt (V DC)	Temp (°C)						
Band U-NII 1	Normal(3.63)	Extreme(-20)	5180	5180.0149	0.0149	5.150-5.250	Pass	
		Extreme(-10)		5180.0329	0.0329		Pass	
		Extreme(0)		5180.0313	0.0313		Pass	
		Extreme(+10)		5180.0103	0.0103		Pass	
		Extreme(+20)		5180.0371	0.0371		Pass	
		Extreme(+30)		5180.0498	0.0498		Pass	
		Extreme(+40)		5180.0481	0.0481		Pass	
		Extreme(+50)		5180.0490	0.0490		Pass	
	Extreme(3.27)	Norma(+20)	5180	5180.0473	0.0473		Pass	
	Extreme(3.99)			5180.0126	0.0126		Pass	
	Normal(3.63)	Extreme(-20)	5240	5240.0363	0.0363		Pass	
				5240.0449	0.0449		Pass	
				5240.0321	0.0321		Pass	
				5240.0229	0.0229		Pass	
				5240.0500	0.0500		Pass	
				5240.0252	0.0252		Pass	
				5240.0279	0.0279		Pass	
				5240.0436	0.0436		Pass	
		Extreme(3.27)		Norma(+20)	5240.0319		0.0319	Pass
		Extreme(3.99)			5240.0351		0.0351	Pass
Band U-NII 2A		Normal(3.63)		5320	5320.0405	0.0405	Pass	
					5320.0308	0.0308	Pass	
Normal(3.63)	Extreme(-20)	5260	5260.0286	0.0286	Pass			
			5260.0224	0.0224	Pass			
			5260.0490	0.0490	Pass			
			5260.0143	0.0143	Pass			
			5260.0193	0.0193	Pass			
	Extreme(+10)		5260.0100	0.0100	Pass			
	Extreme(+20)		5260.0323	0.0323	Pass			
	Extreme(+30)		5260.0333	0.0333	Pass			
	Extreme(+40)		5260.0260	0.0260	Pass			
	Extreme(+50)		5260.0327	0.0327	Pass			
Extreme(3.27)	Norma(+20)	5260	5260.0260	0.0260	Pass			
Extreme(3.99)			5260.0327	0.0327	Pass			
Normal(3.63)	Extreme(-20)	5320	5320.0405	0.0405	Pass			
			5320.0308	0.0308	Pass			
			5320.0136	0.0136	Pass			
			5320.0477	0.0477	Pass			
			5320.0228	0.0228	Pass			

		Extreme(+30)		5320.0464	0.0464		Pass
		Extreme(+40)		5320.0305	0.0305		Pass
		Extreme(+50)		5320.0431	0.0431		Pass
	Extreme(3.27)	Norma(+20)		5320.0377	0.0377		Pass
	Extreme(3.99)			5320.0237	0.0237		Pass
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V DC)	Temp (°C)					
Band U-NII 2C	Normal(3.63)	Extreme(-20)	5500	5500.0127	0.0127	5.470-5.725	Pass
		Extreme(-10)		5500.0422	0.0422		Pass
		Extreme(0)		5500.0171	0.0171		Pass
		Extreme(+10)		5500.0312	0.0312		Pass
		Extreme(+20)		5500.0491	0.0491		Pass
		Extreme(+30)		5500.0422	0.0422		Pass
		Extreme(+40)		5500.0227	0.0227		Pass
		Extreme(+50)		5500.0108	0.0108		Pass
	Extreme(3.27)	Norma(+20)		5500.0314	0.0314		Pass
	Extreme(3.99)			5500.0123	0.0123		Pass
	Normal(3.63)	Extreme(-20)	5700	5700.0493	0.0493		Pass
		Extreme(-10)		5700.0269	0.0269		Pass
		Extreme(0)		5700.0487	0.0487		Pass
		Extreme(+10)		5700.0395	0.0395		Pass
		Extreme(+20)		5700.0205	0.0205		Pass
		Extreme(+30)		5700.0292	0.0292		Pass
		Extreme(+40)		5700.0185	0.0185		Pass
		Extreme(+50)		5700.0406	0.0406		Pass
Extreme(3.27)	Norma(+20)		5700.0249	0.0249	Pass		
Extreme(3.99)			5700.0287	0.0287	Pass		
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V DC)	Temp (°C)					
Band U-NII 3	Normal(3.63)	Extreme(-20)	5745	5745.0188	0.0188	5.725-5.850	Pass
		Extreme(-10)		5745.0299	0.0299		Pass
		Extreme(0)		5745.0276	0.0276		Pass
		Extreme(+10)		5745.0306	0.0306		Pass
		Extreme(+20)		5745.0432	0.0432		Pass
		Extreme(+30)		5745.0252	0.0252		Pass
		Extreme(+40)		5745.0344	0.0344		Pass
		Extreme(+50)		5745.0446	0.0446		Pass
	Extreme(3.27)	Norma(+20)		5745.0239	0.0239		Pass
	Extreme(3.99)			5745.0209	0.0209		Pass
	Normal(3.63)	Extreme(-20)	5825	5825.0334	0.0334		Pass
		Extreme(-10)		5825.0275	0.0275		Pass
		Extreme(0)		5825.0491	0.0491		Pass

		Extreme(+10)		5825.0186	0.0186		Pass
		Extreme(+20)		5825.0319	0.0319		Pass
		Extreme(+30)		5825.0308	0.0308		Pass
		Extreme(+40)		5825.0430	0.0430		Pass
		Extreme(+50)		5825.0384	0.0384		Pass
	Extreme(3.27)	Norma(20)		5825.0152	0.0152		Pass
	Extreme(3.99)			5825.0395	0.0395		Pass

Remark: Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested