

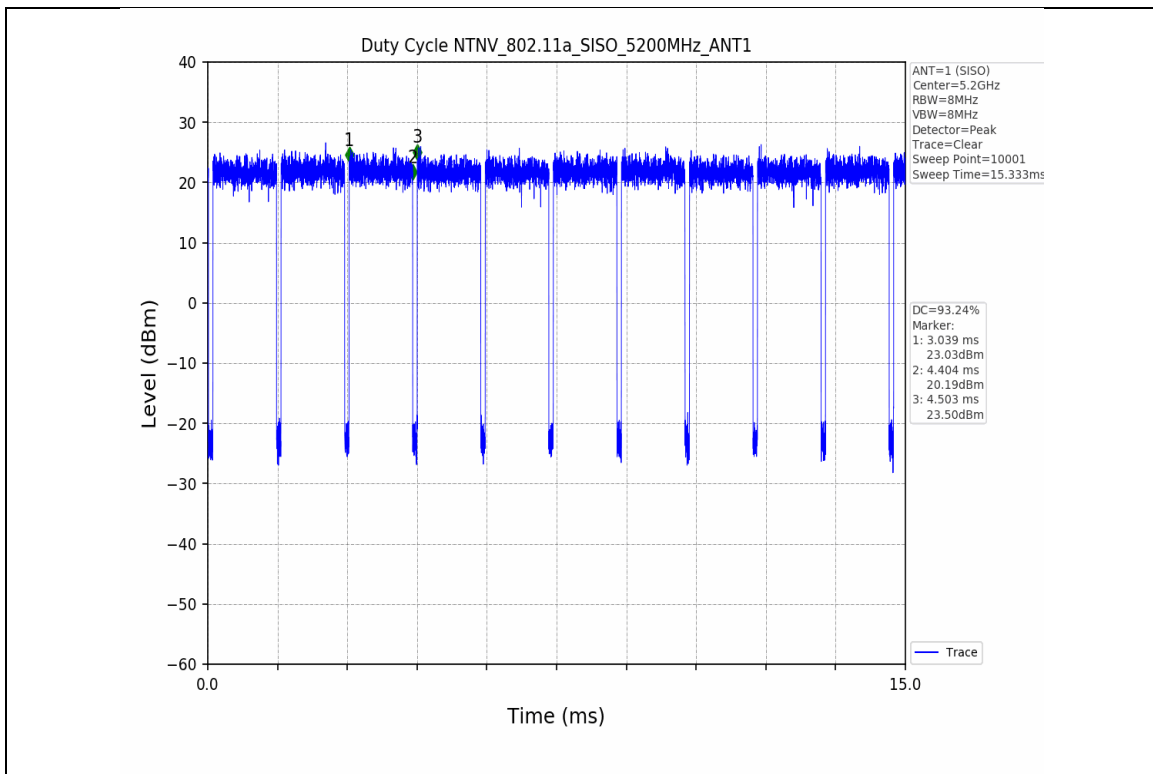
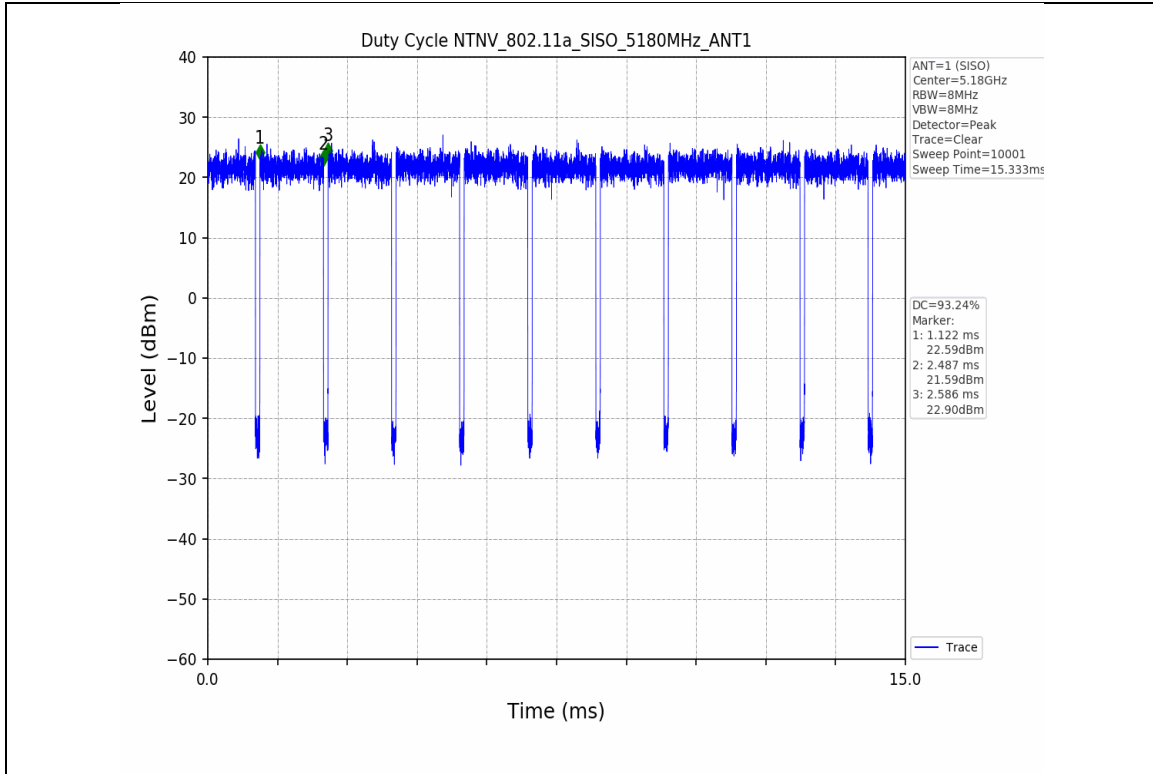
Appendix for 15.407

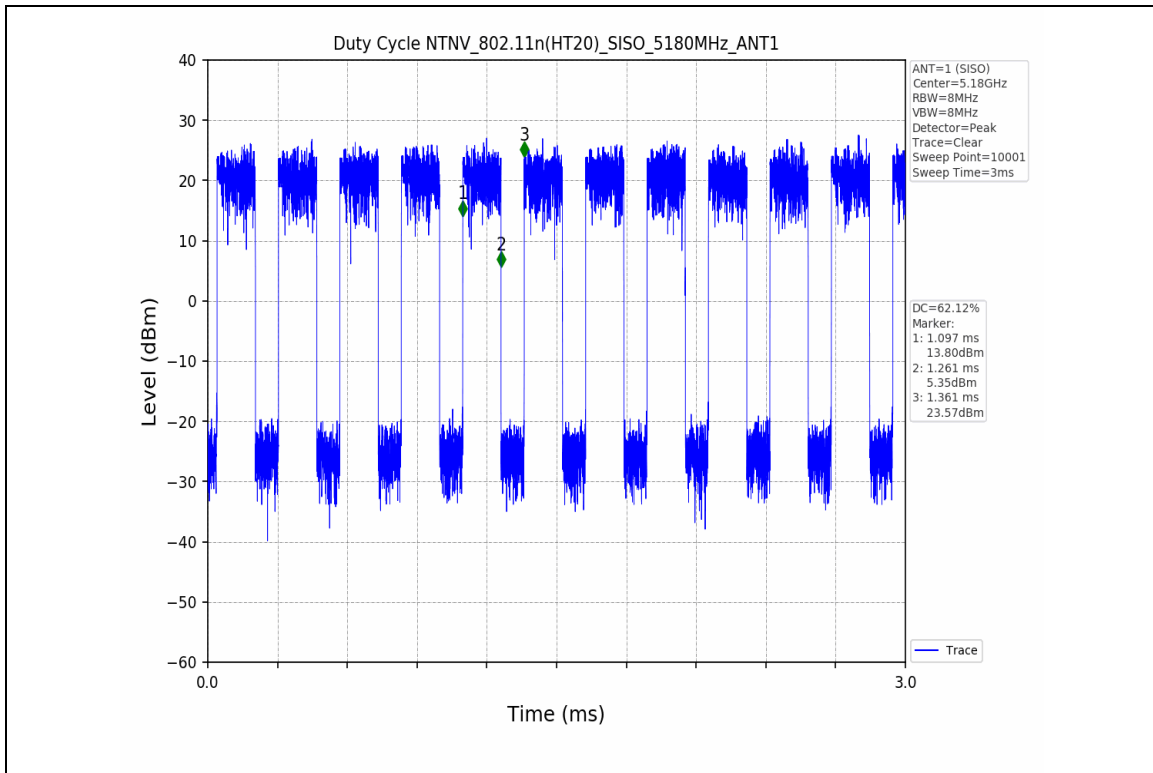
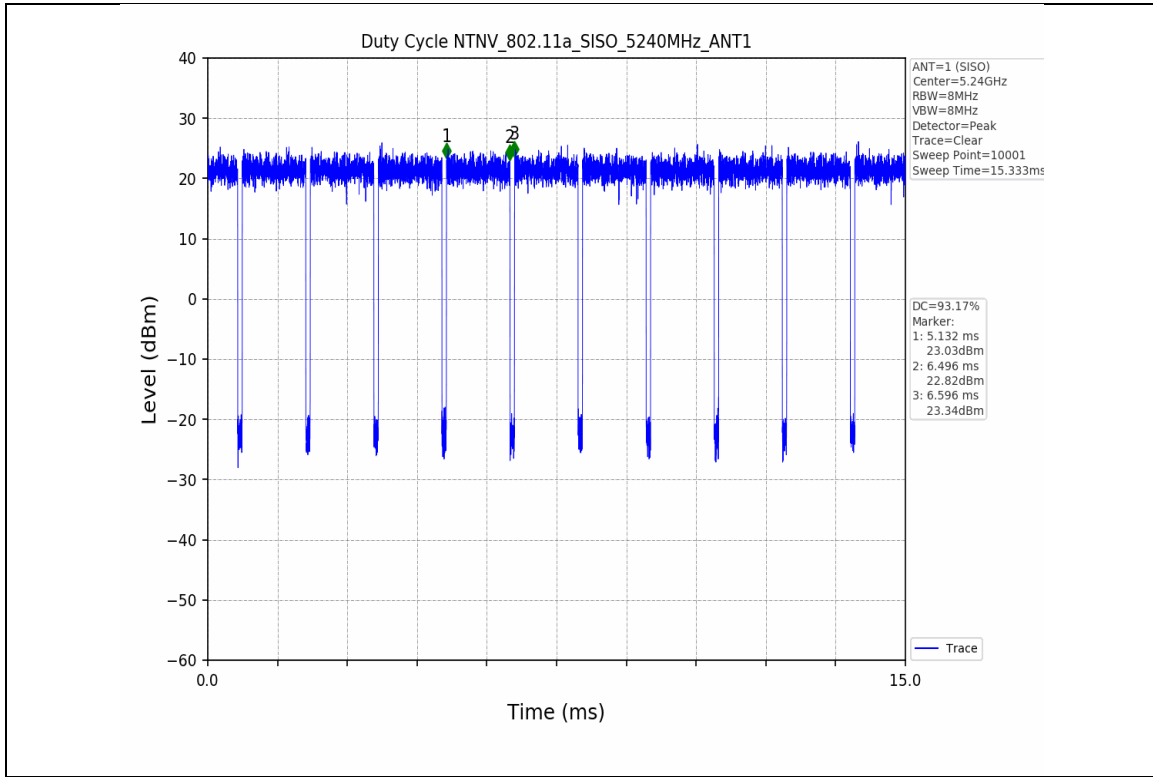
1. Duty Cycle

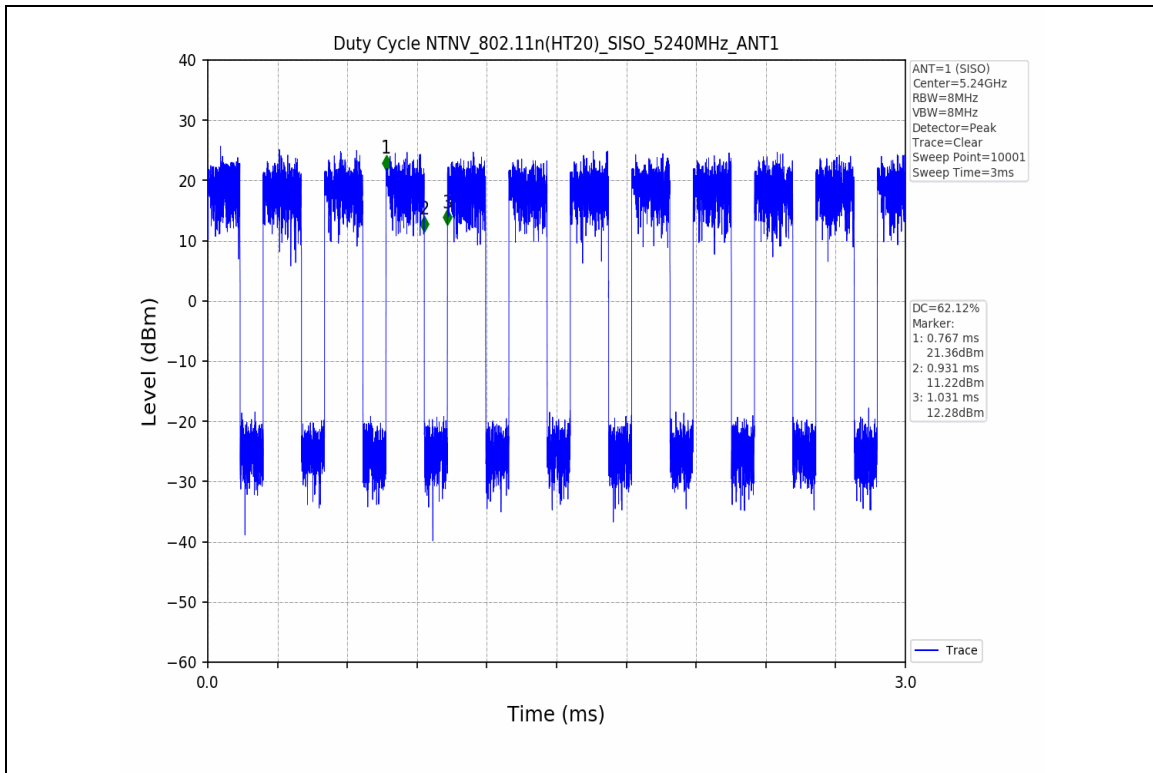
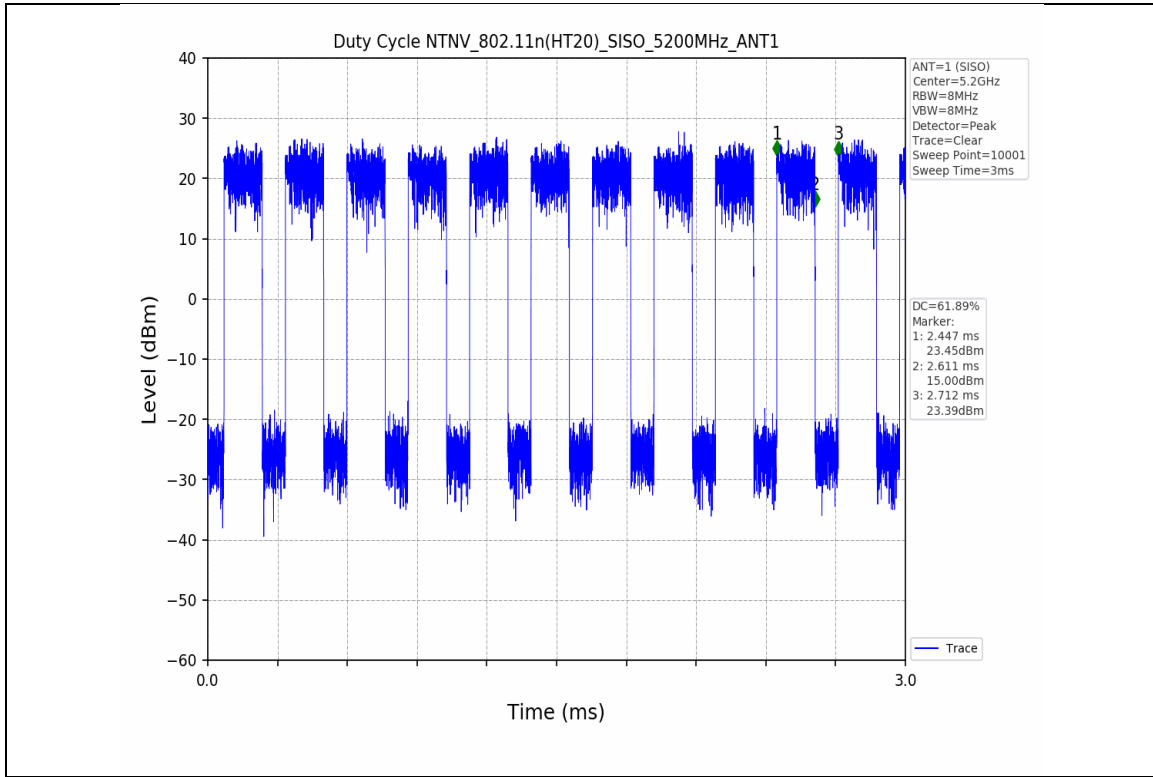
1.1 Test Result

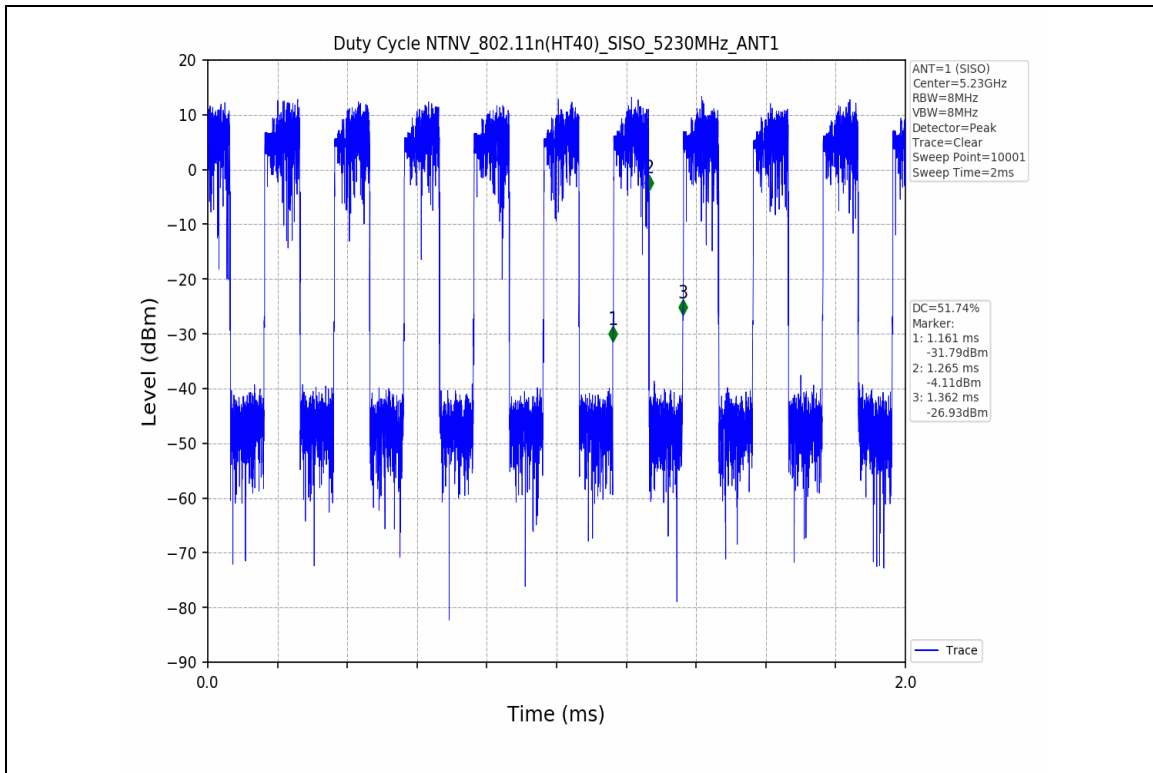
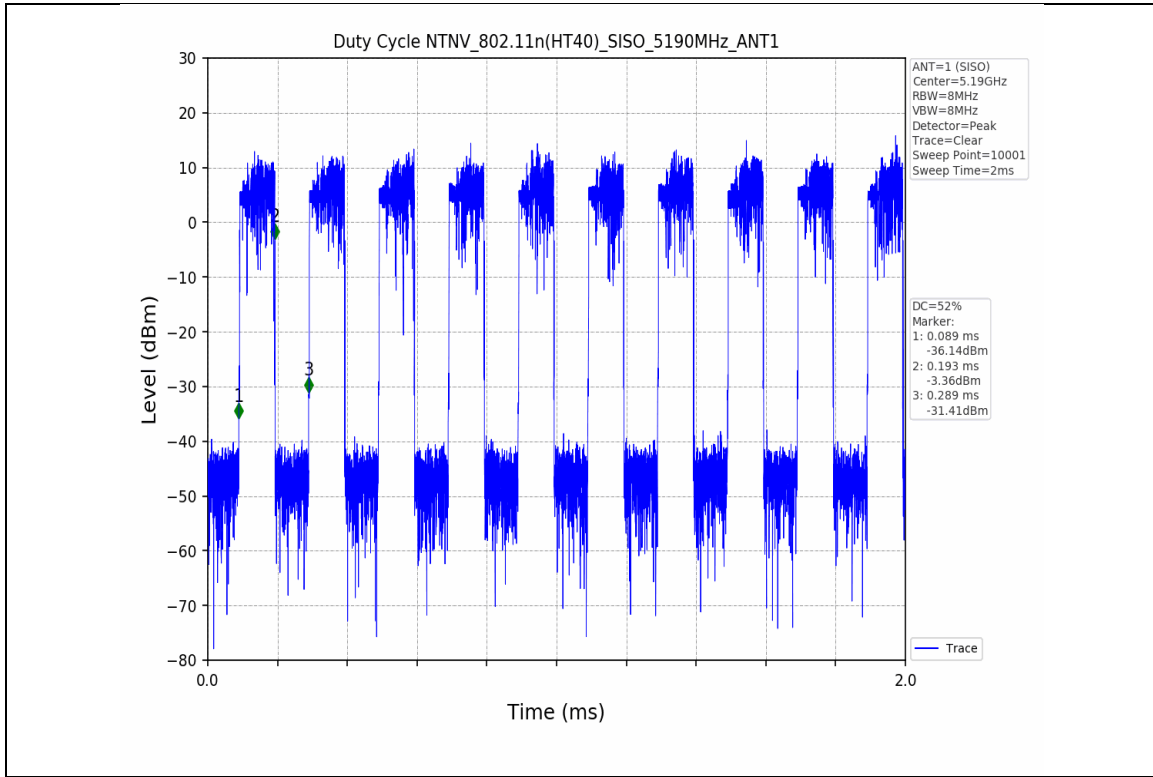
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.365	1.464	93.24	0.30
	5200	SISO	1	1.365	1.464	93.24	0.30
	5240	SISO	1	1.364	1.464	93.17	0.31
802.11n(HT20)	5180	SISO	1	0.164	0.264	62.12	2.07
	5200	SISO	1	0.164	0.265	61.89	2.08
	5240	SISO	1	0.164	0.264	62.12	2.07
802.11n(HT40)	5190	SISO	1	0.104	0.200	52.00	2.84
	5230	SISO	1	0.104	0.201	51.74	2.86
802.11ac(VHT20)	5180	SISO	1	0.172	0.272	63.24	1.99
	5200	SISO	1	0.172	0.272	63.24	1.99
	5240	SISO	1	0.172	0.272	63.24	1.99
802.11ac(VHT40)	5190	SISO	1	0.107	0.204	52.45	2.80
	5230	SISO	1	0.618	0.656	94.21	0.26

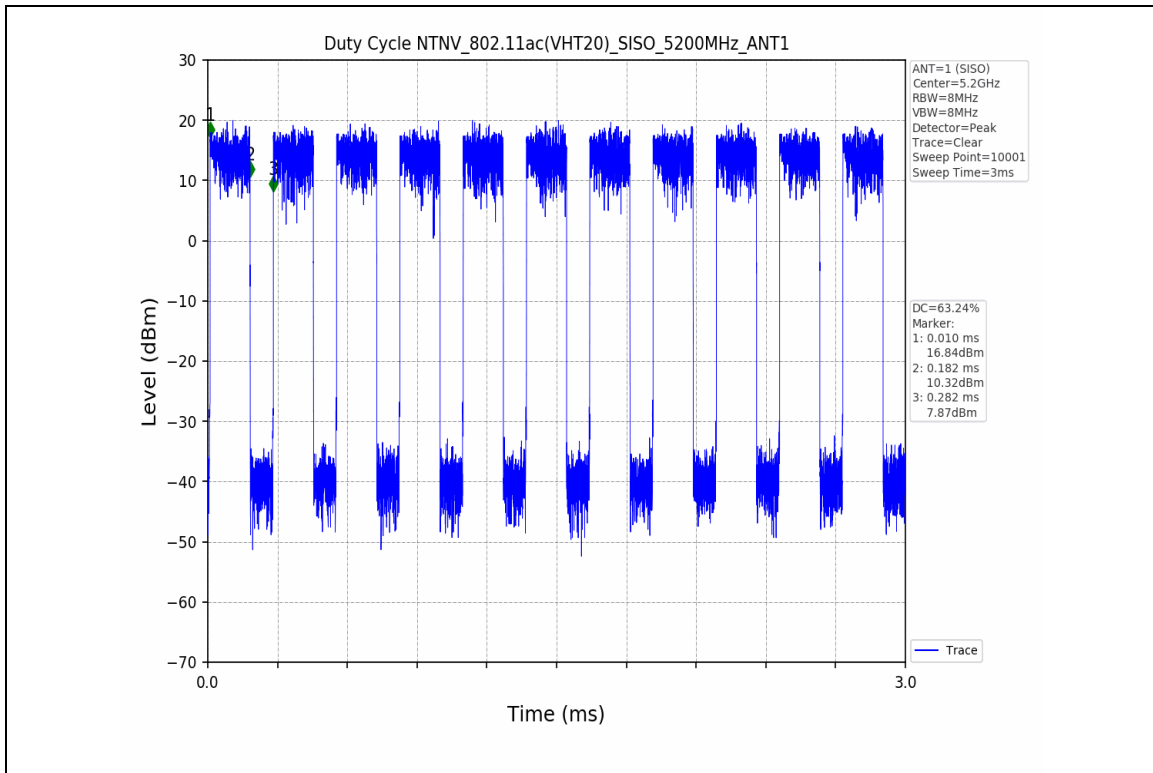
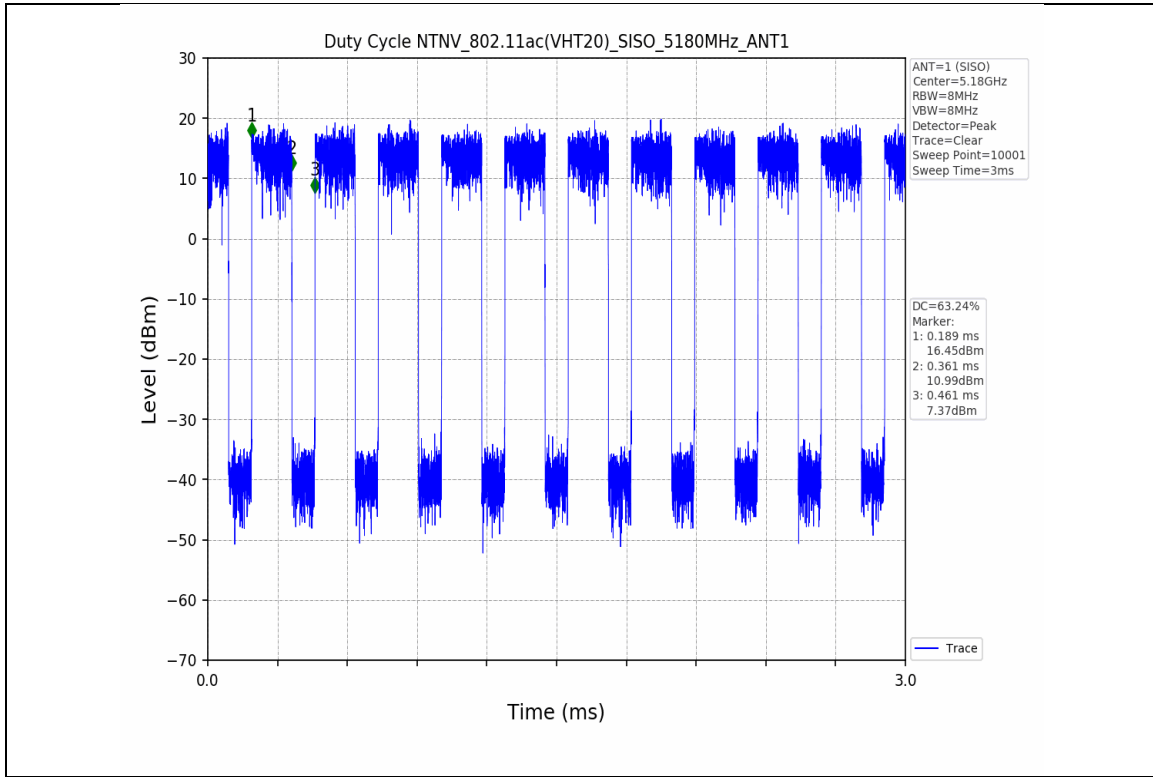
1.2 Test Graph

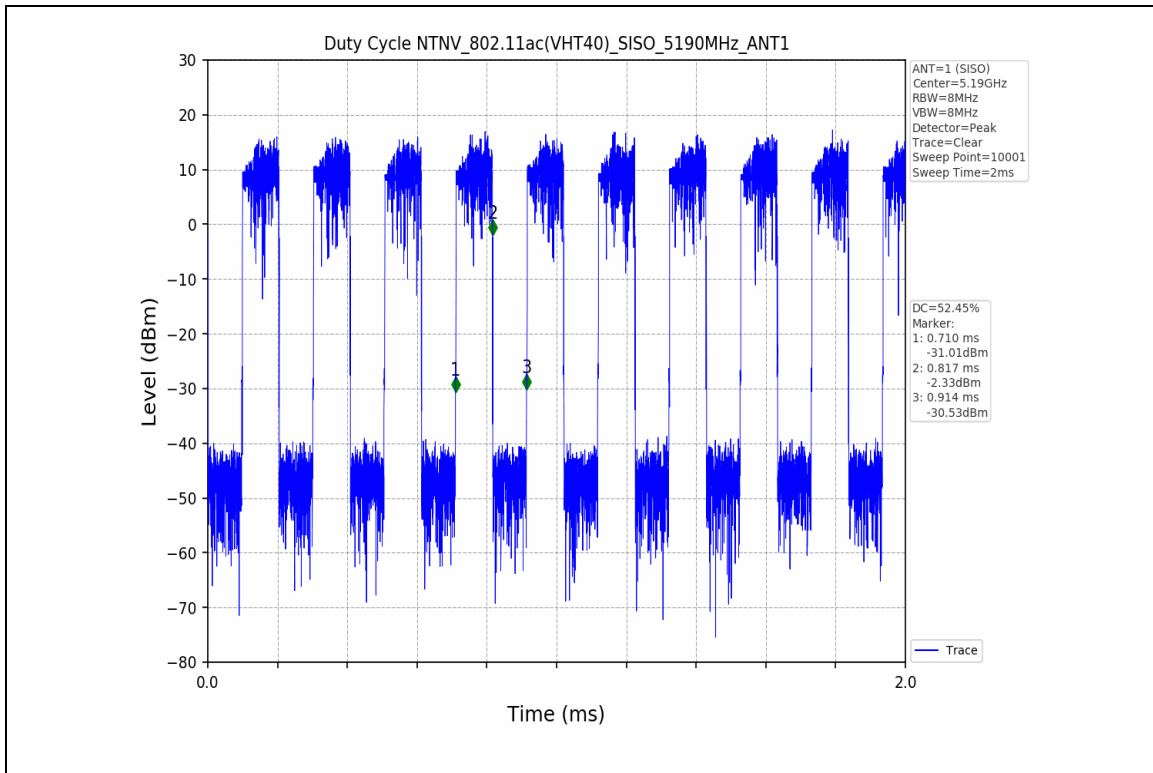
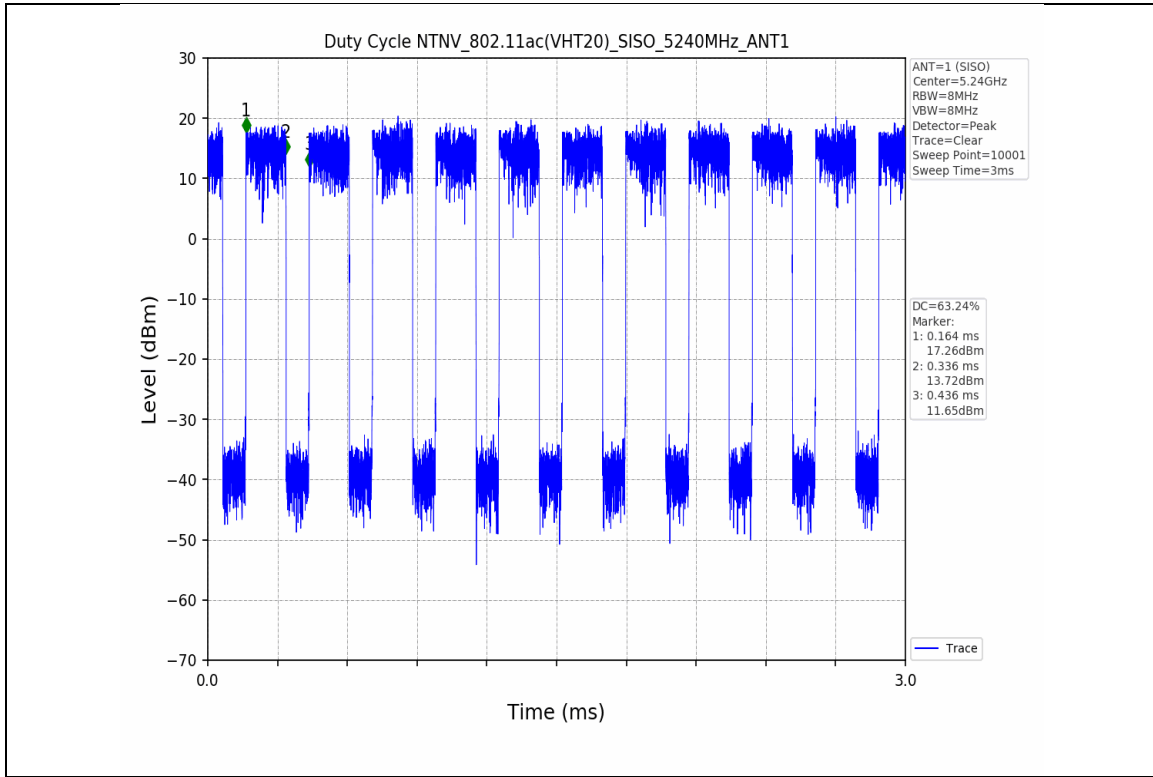


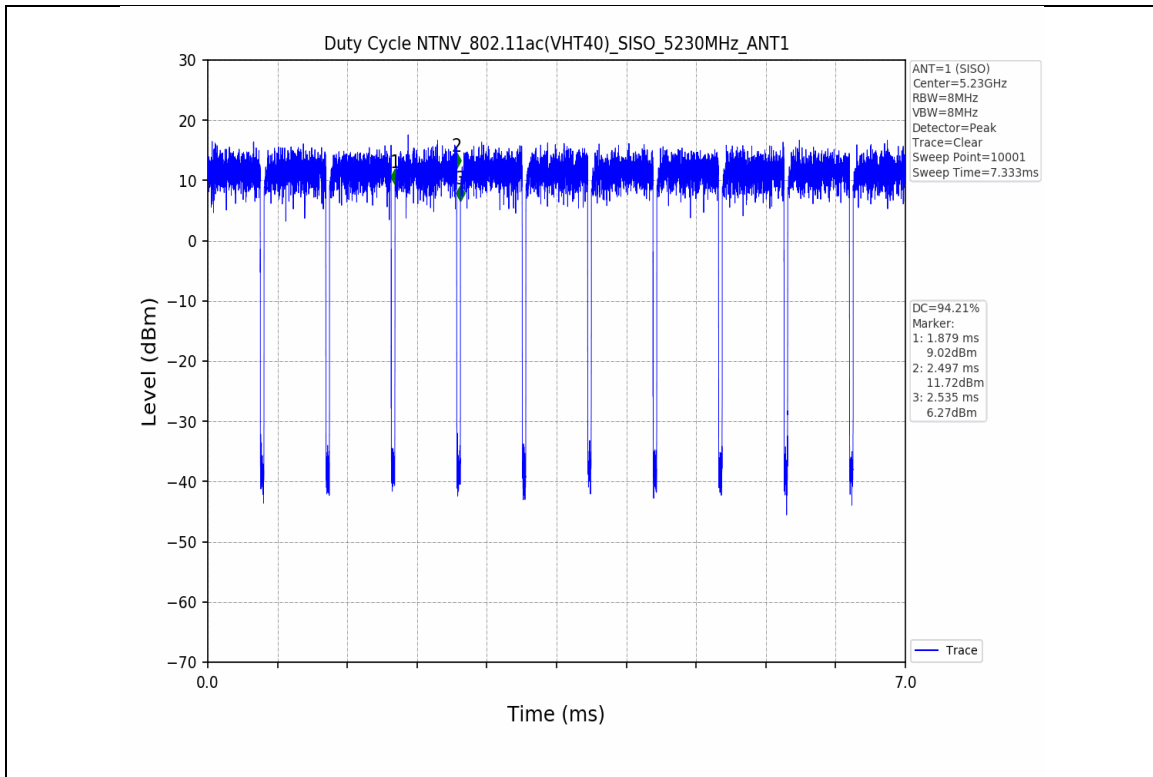












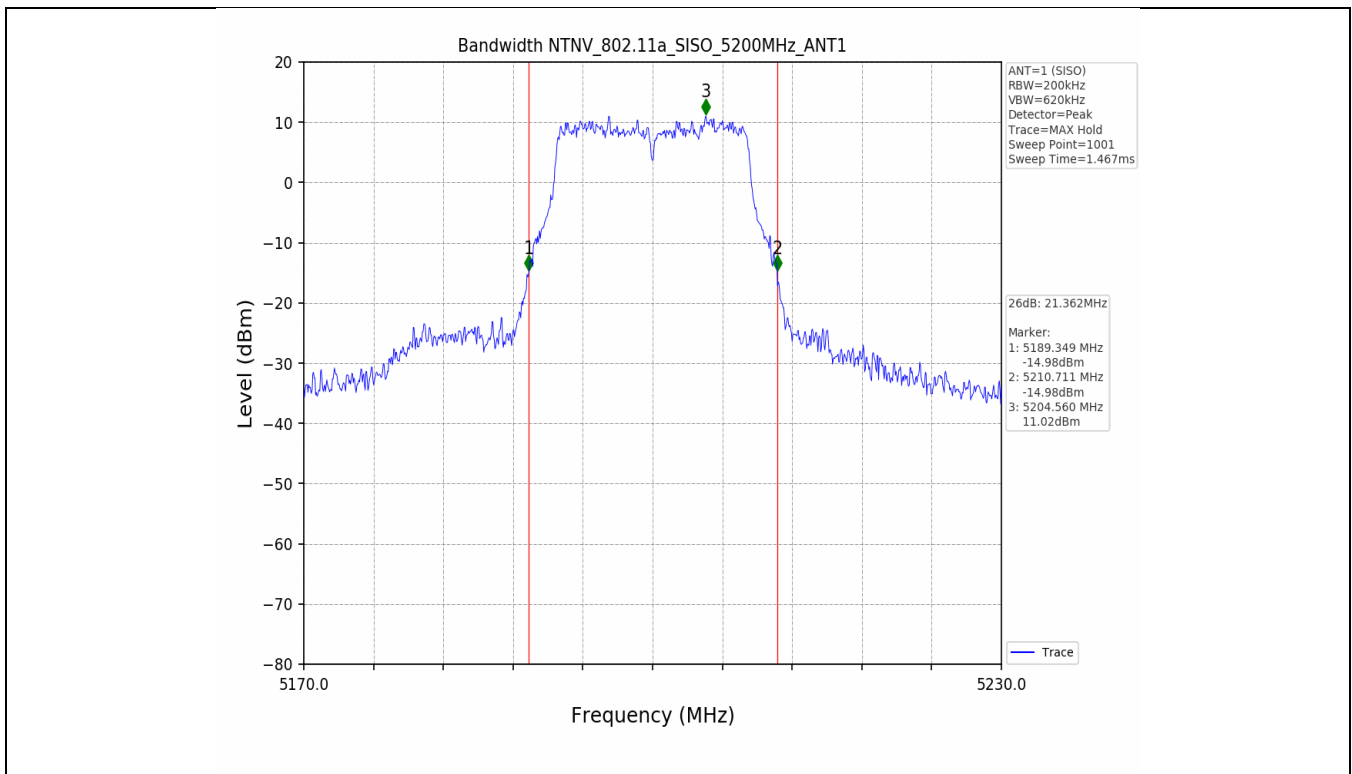
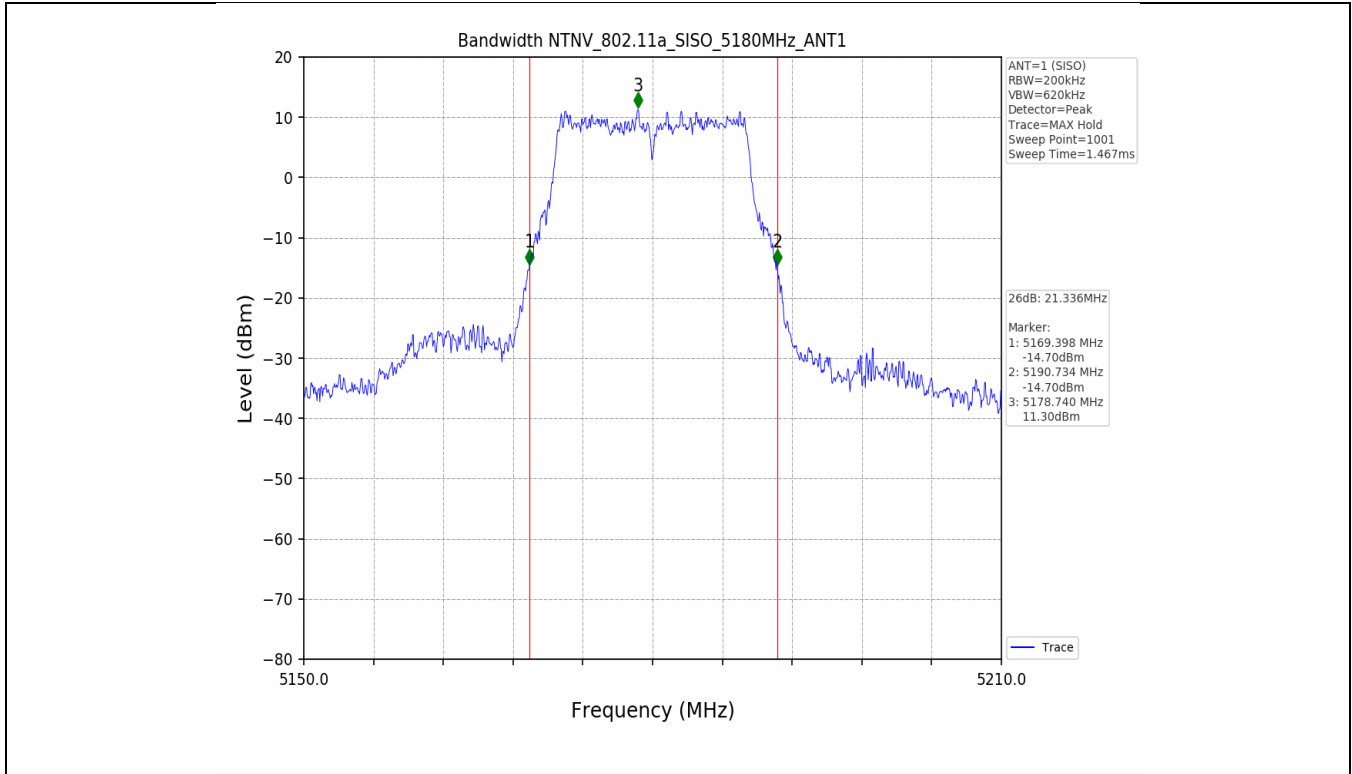
2. Bandwidth

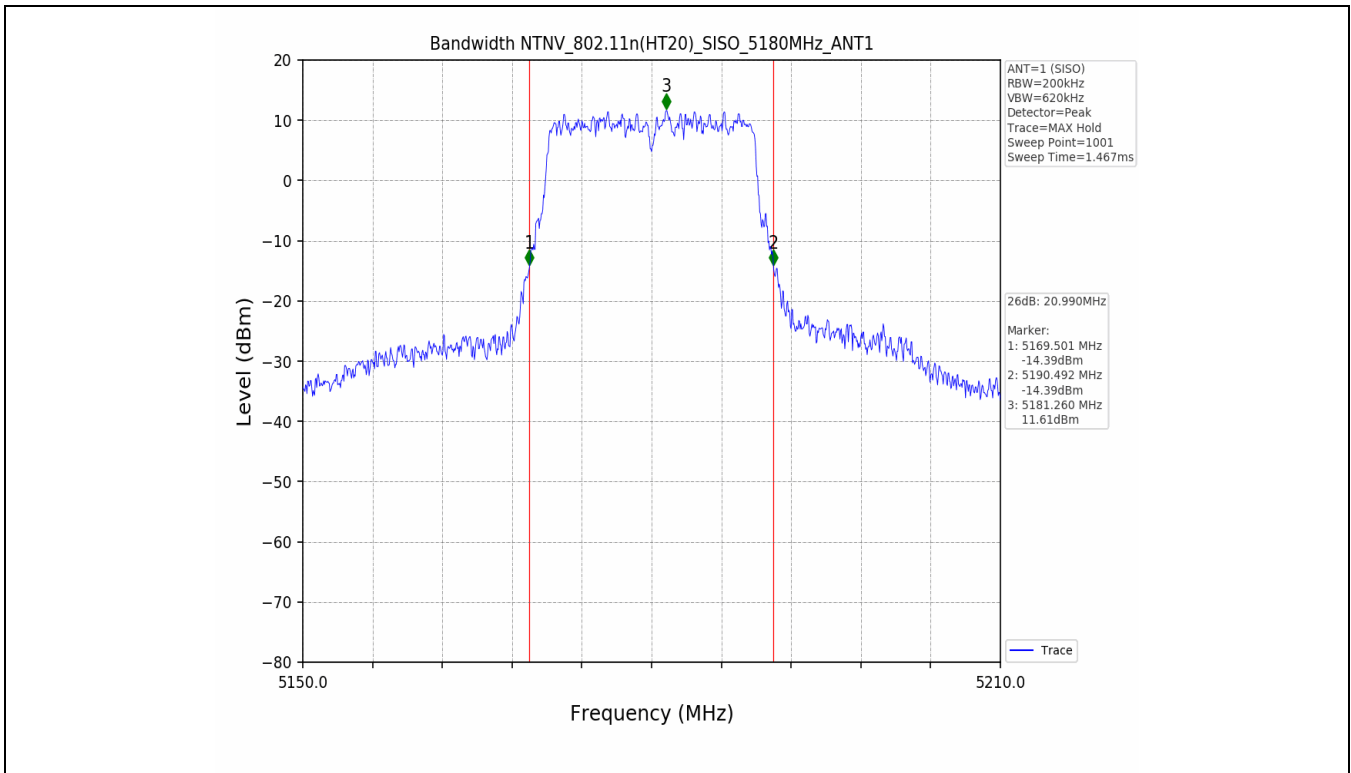
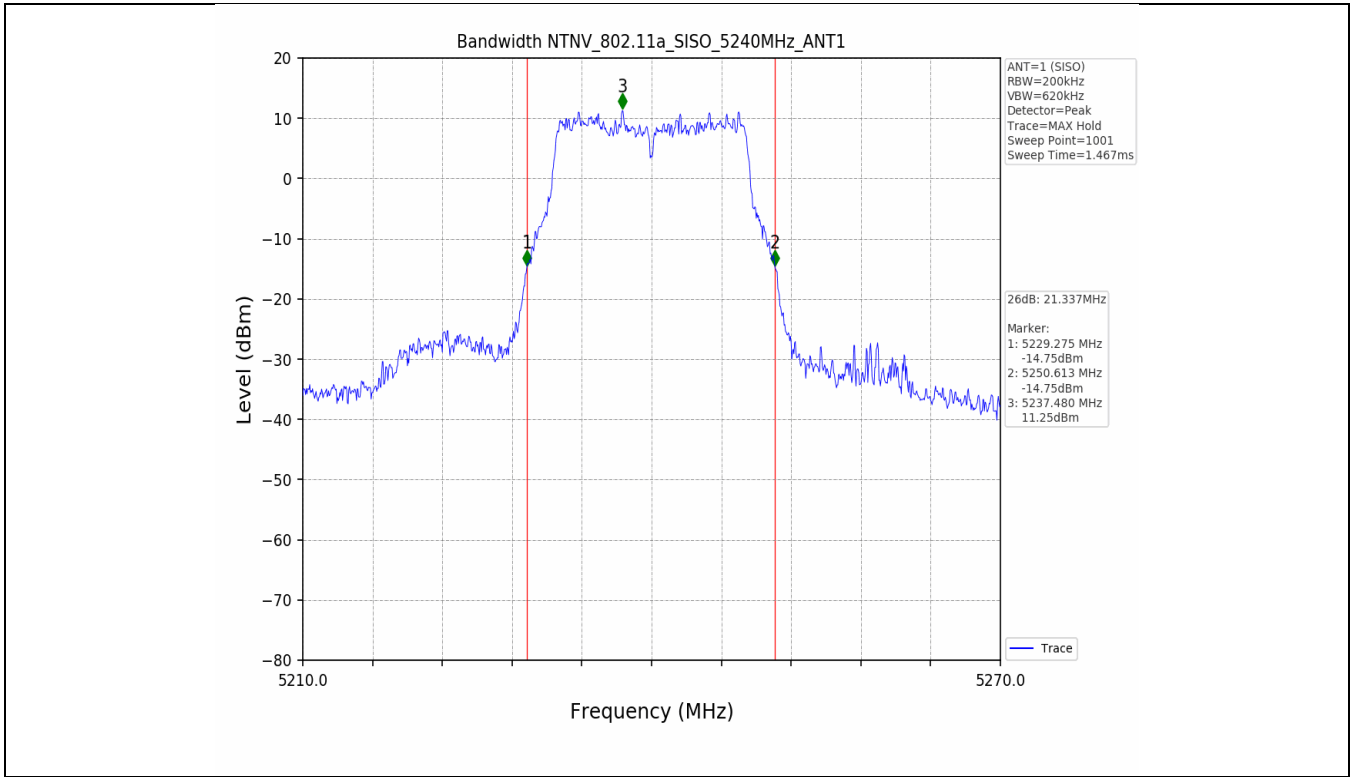
2.1 Test Result

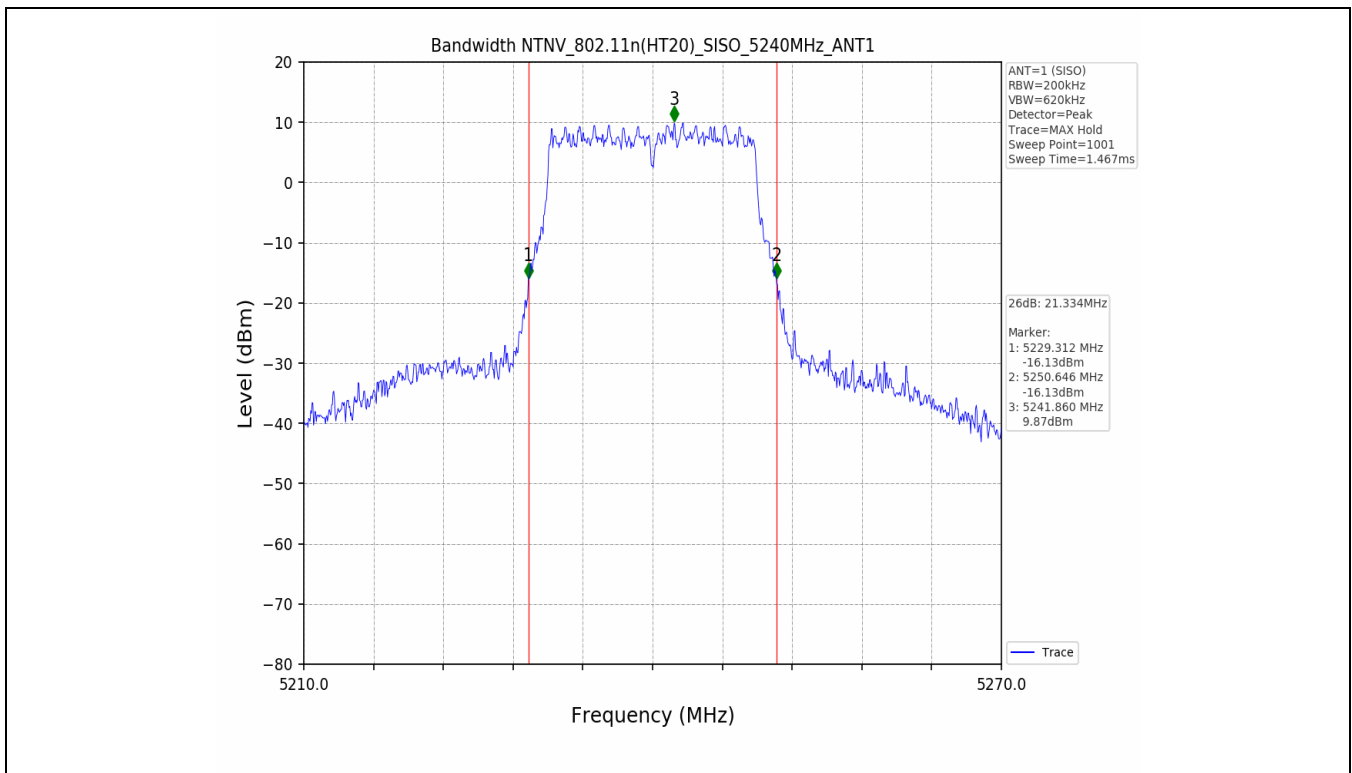
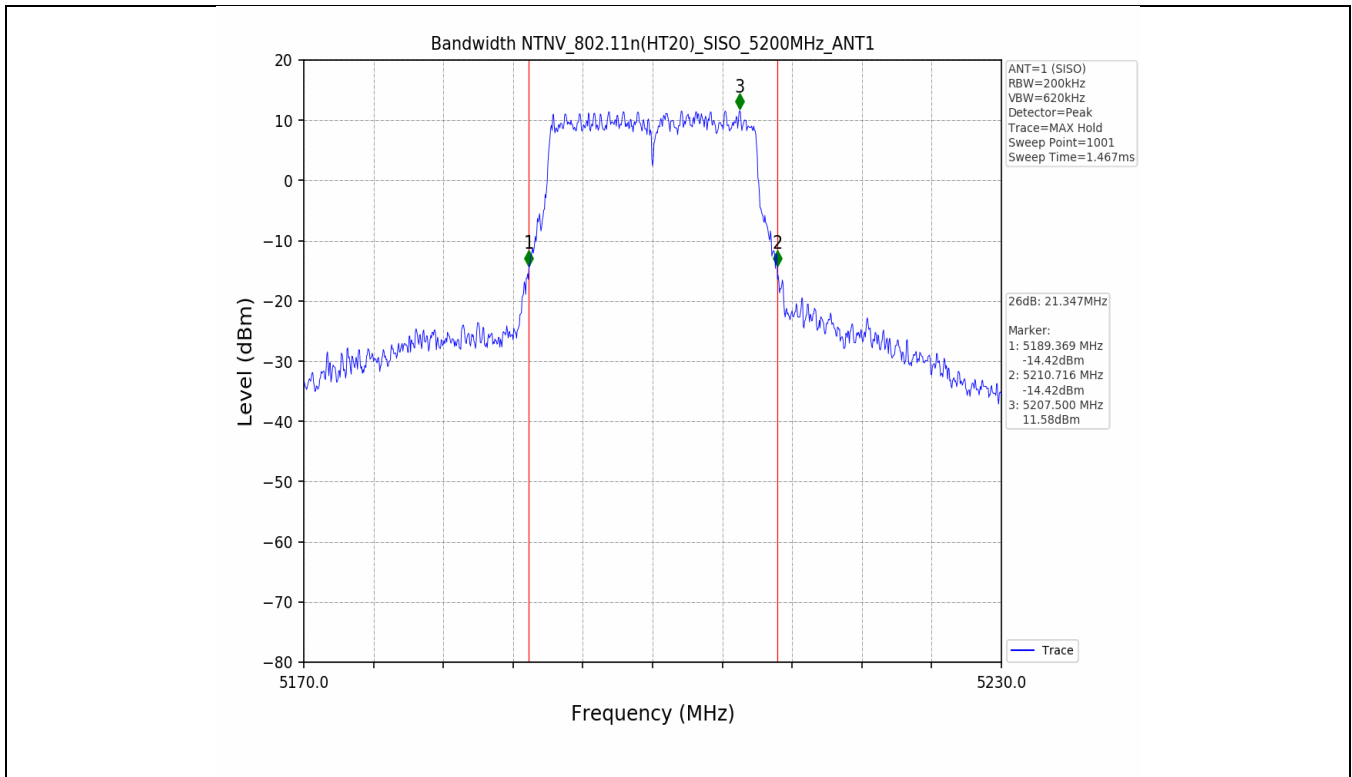
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	21.336	Only for Report Use	PASS
	5200	SISO	1	21.362	Only for Report Use	PASS
	5240	SISO	1	21.337	Only for Report Use	PASS
802.11n(HT20)	5180	SISO	1	20.990	Only for Report Use	PASS
	5200	SISO	1	21.347	Only for Report Use	PASS
	5240	SISO	1	21.334	Only for Report Use	PASS
802.11n(HT40)	5190	SISO	1	39.782	Only for Report Use	PASS
	5230	SISO	1	39.660	Only for Report Use	PASS
802.11ac(VHT20)	5180	SISO	1	26.258	Only for Report Use	PASS
	5200	SISO	1	26.260	Only for Report Use	PASS
	5240	SISO	1	27.344	Only for Report Use	PASS
802.11ac(VHT40)	5190	SISO	1	69.132	Only for Report Use	PASS
	5230	SISO	1	89.395	Only for Report Use	PASS

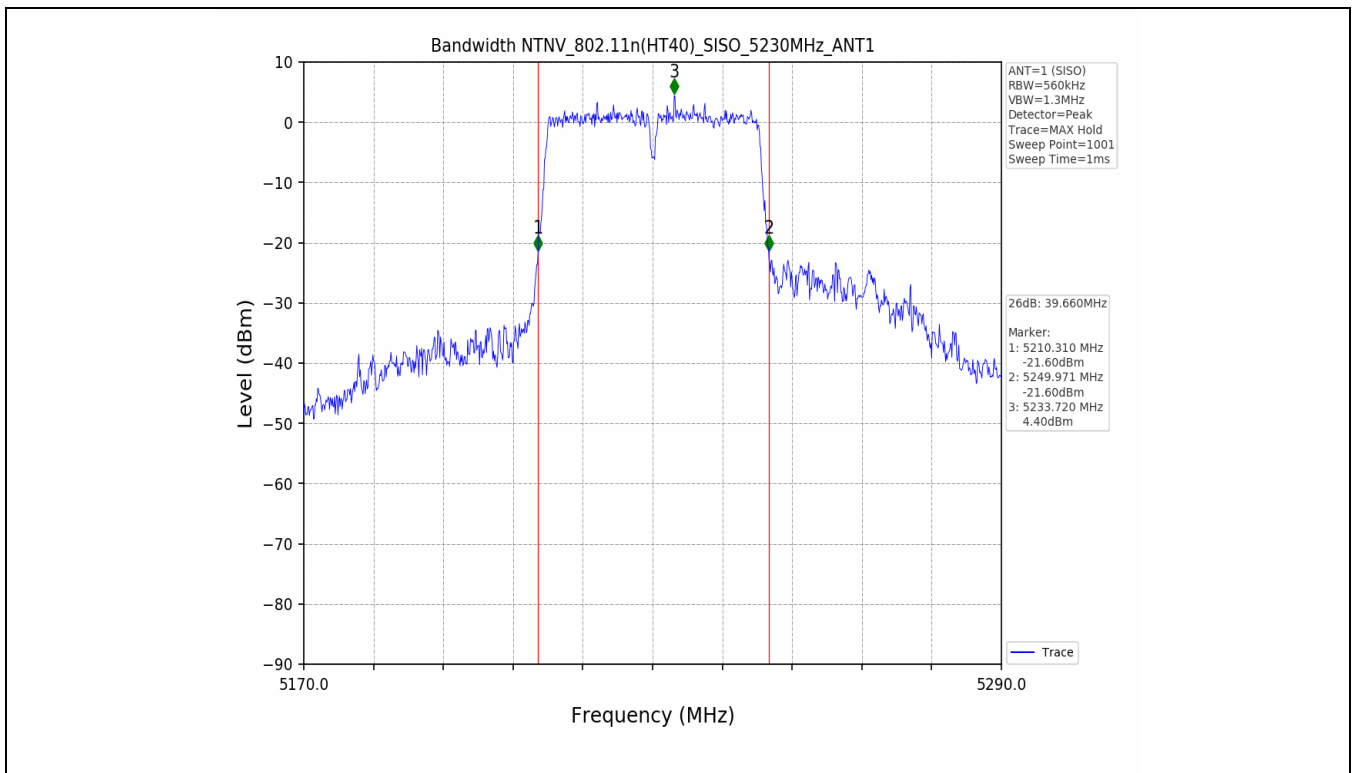
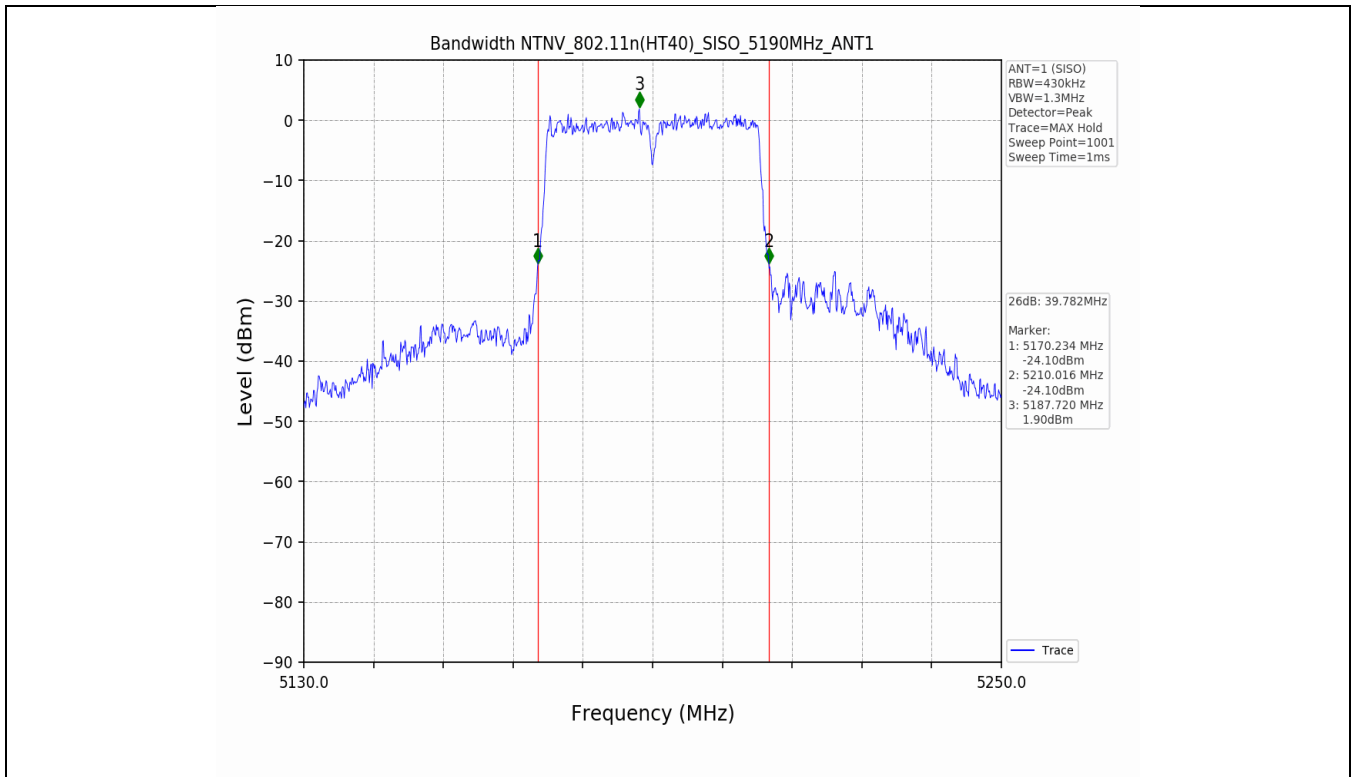
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	17.082	Only for Report Use
	5200	SISO	1	17.156	Only for Report Use
	5240	SISO	1	17.170	Only for Report Use
802.11n(HT20)	5180	SISO	1	18.013	Only for Report Use
	5200	SISO	1	17.976	Only for Report Use
	5240	SISO	1	17.985	Only for Report Use
802.11n(HT40)	5190	SISO	1	36.781	Only for Report Use
	5230	SISO	1	36.747	Only for Report Use
802.11ac(VHT20)	5180	SISO	1	18.211	Only for Report Use
	5200	SISO	1	18.250	Only for Report Use
	5240	SISO	1	18.295	Only for Report Use
802.11ac(VHT40)	5190	SISO	1	43.433	Only for Report Use
	5230	SISO	1	37.713	Only for Report Use

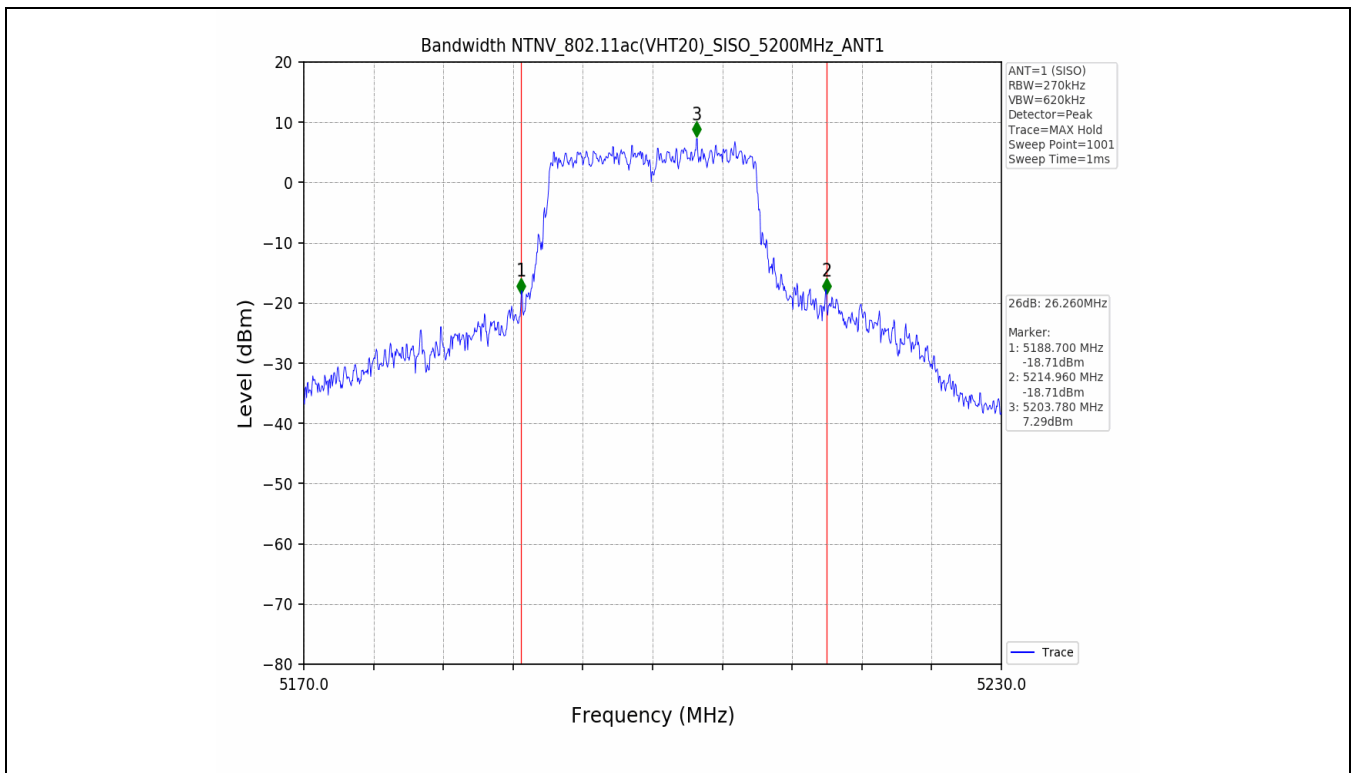
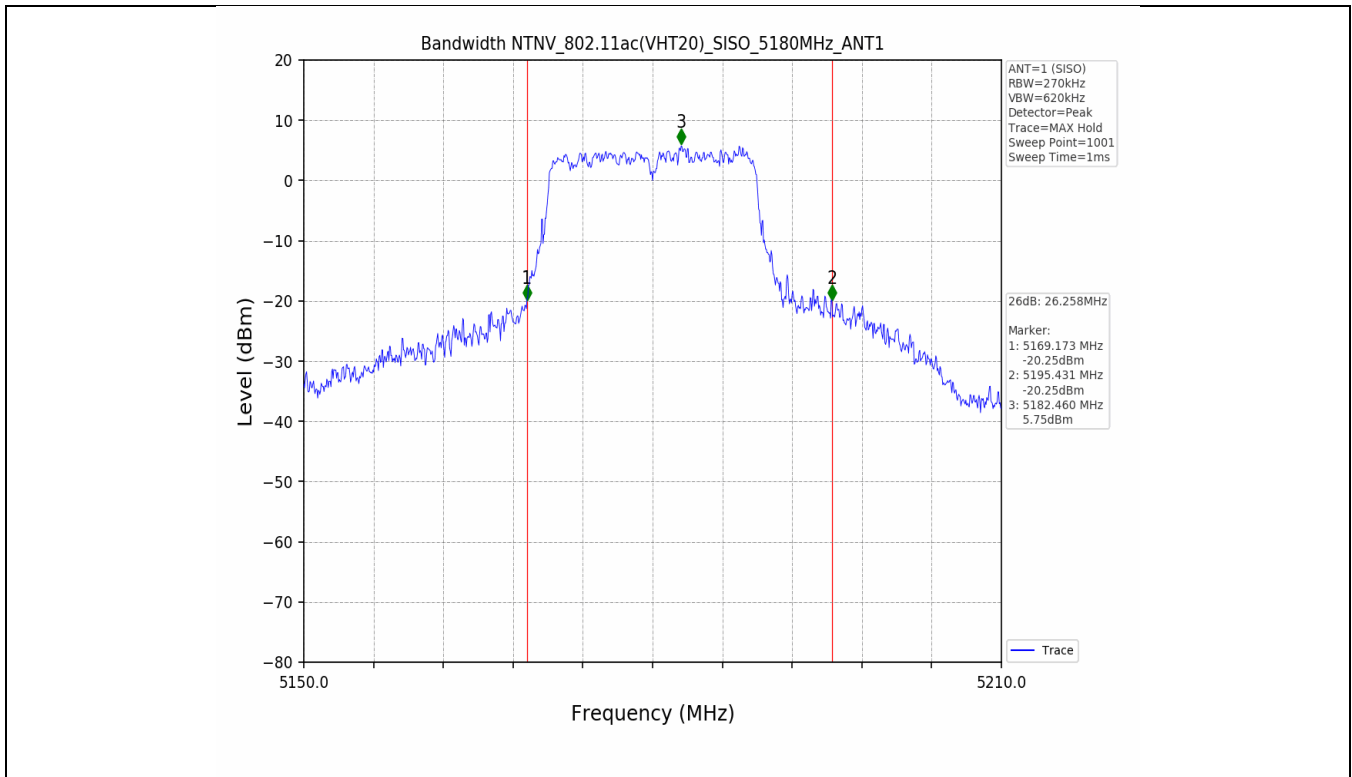
2.2 Test Graph - Emission Bandwidth

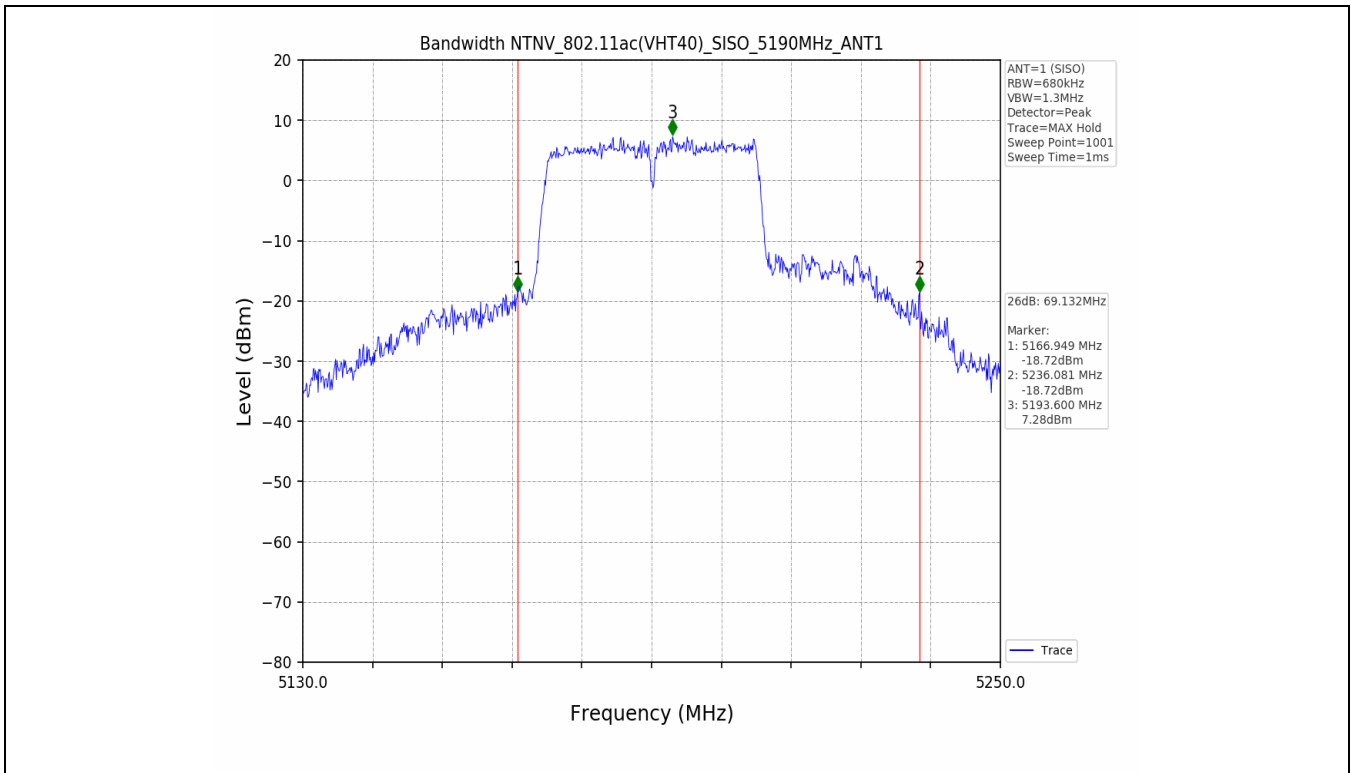
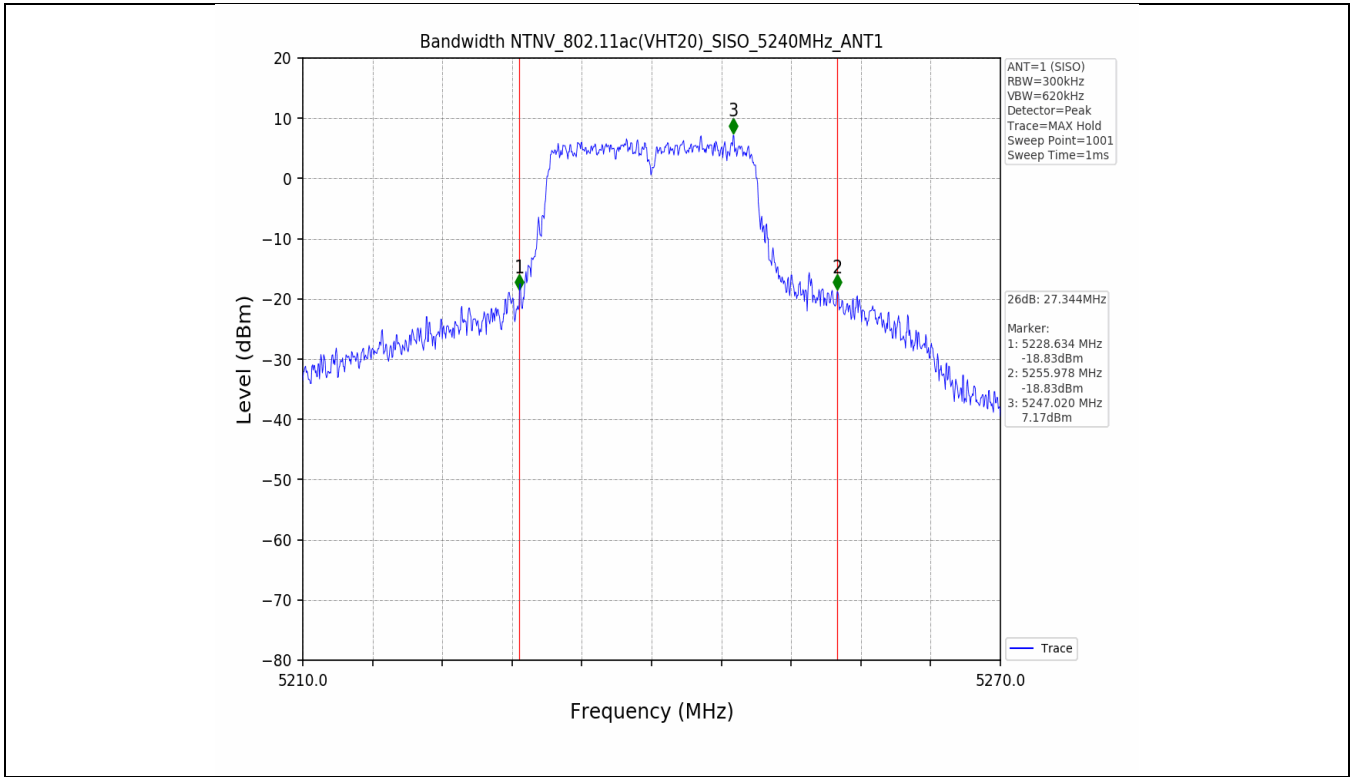


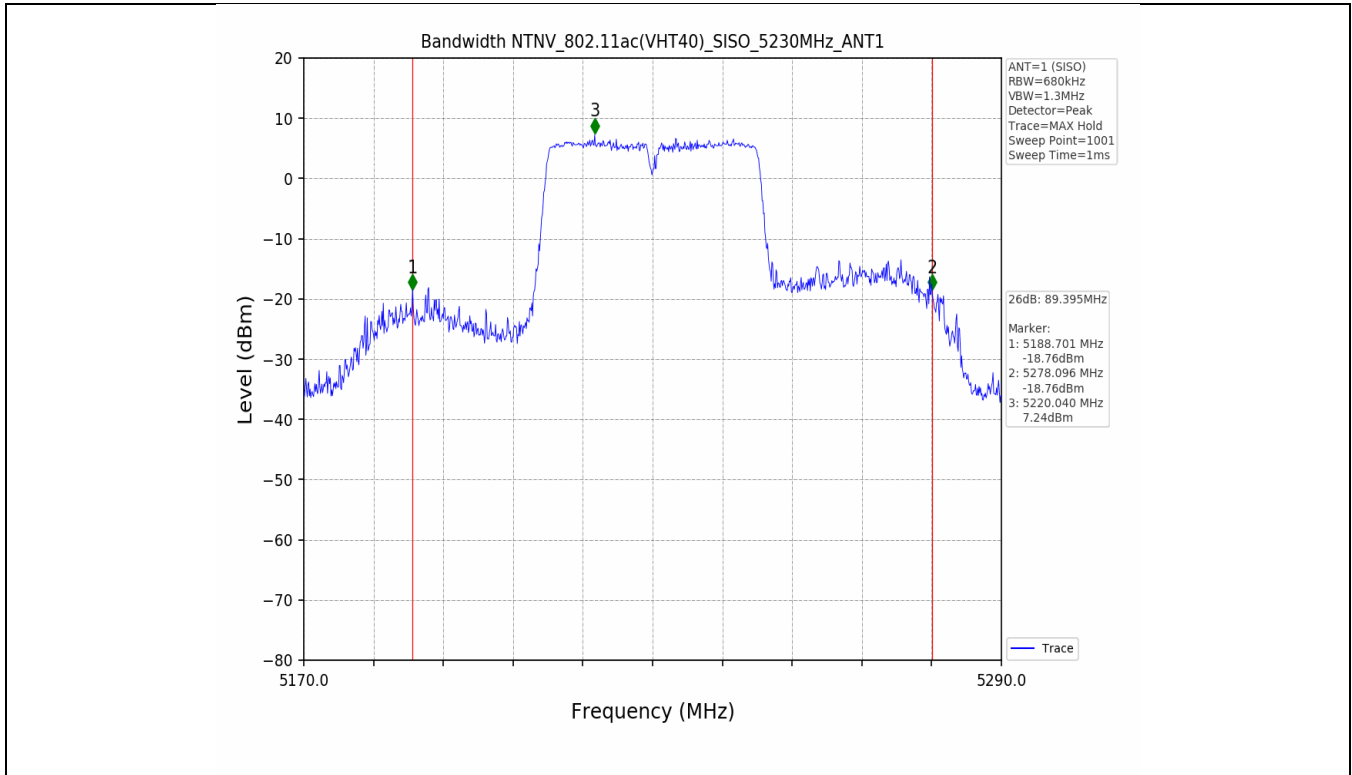




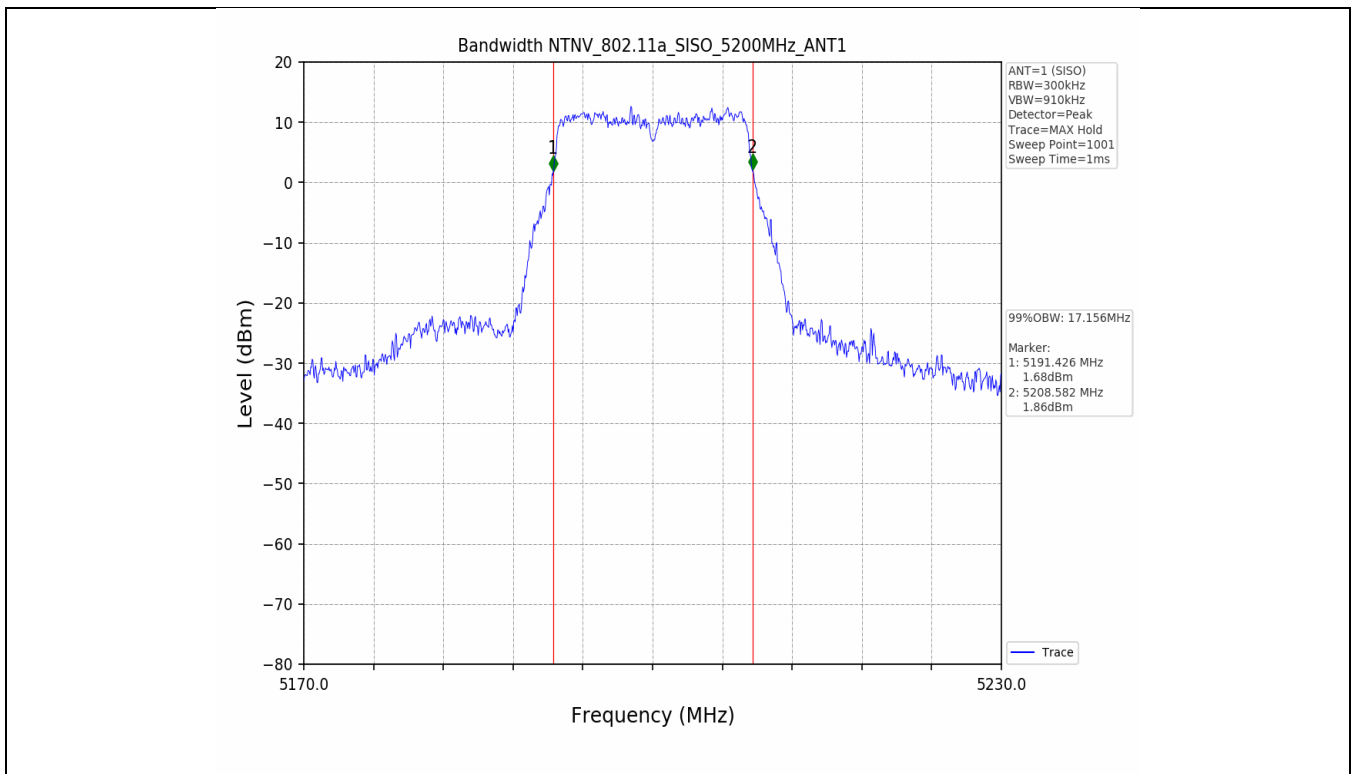
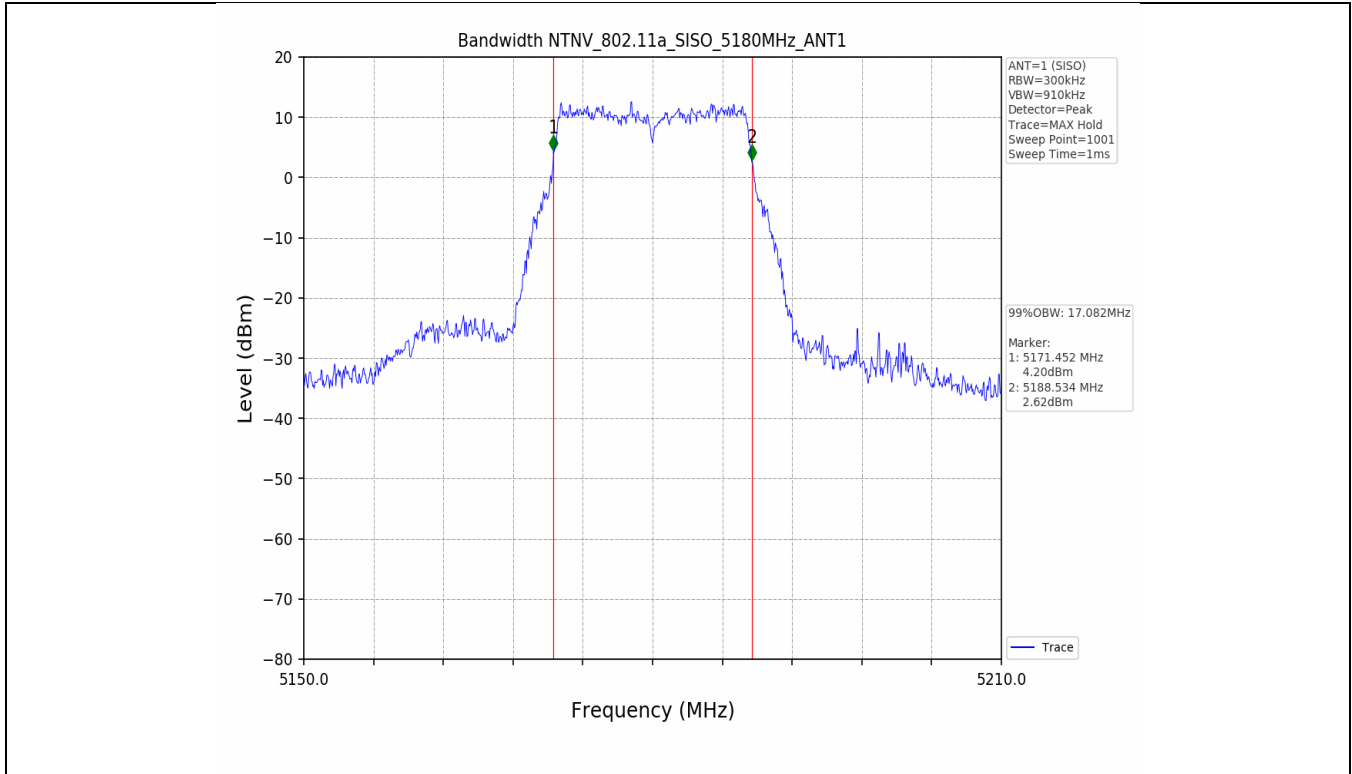


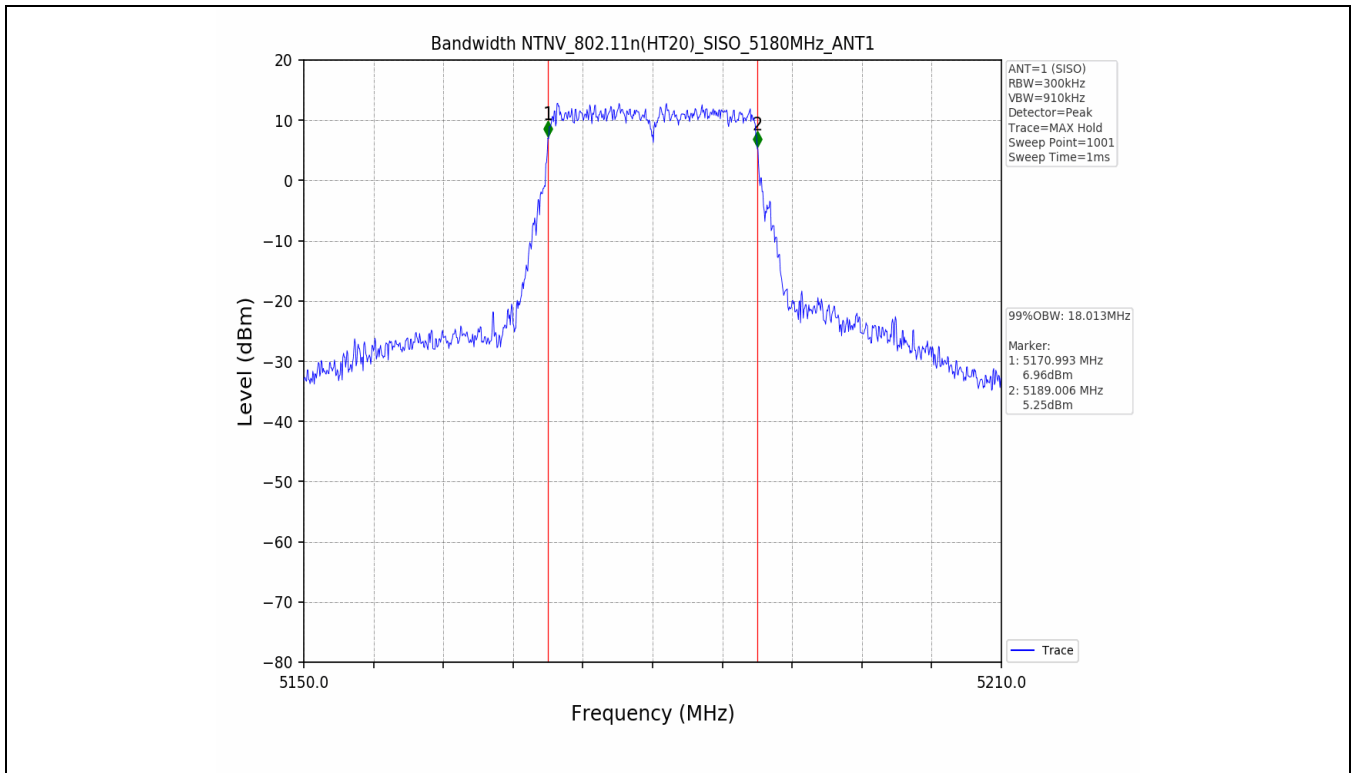
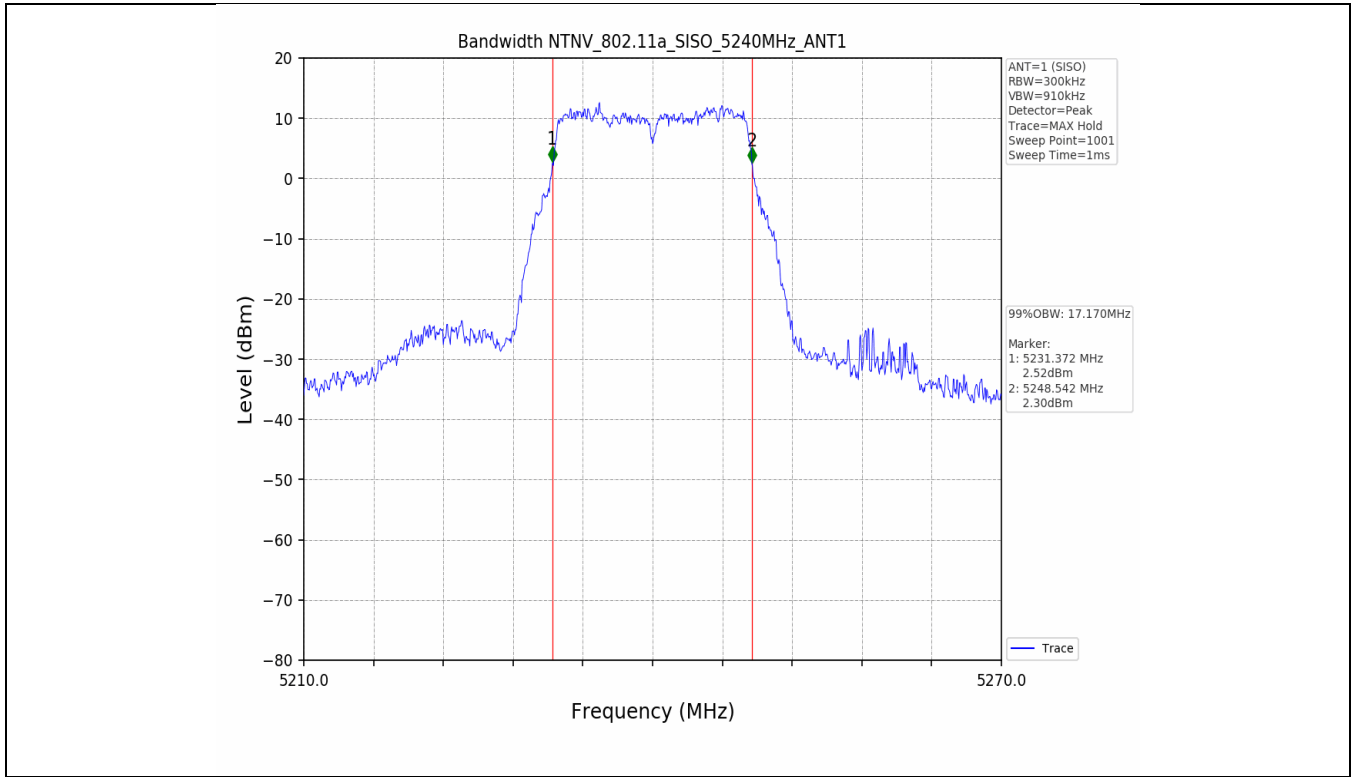


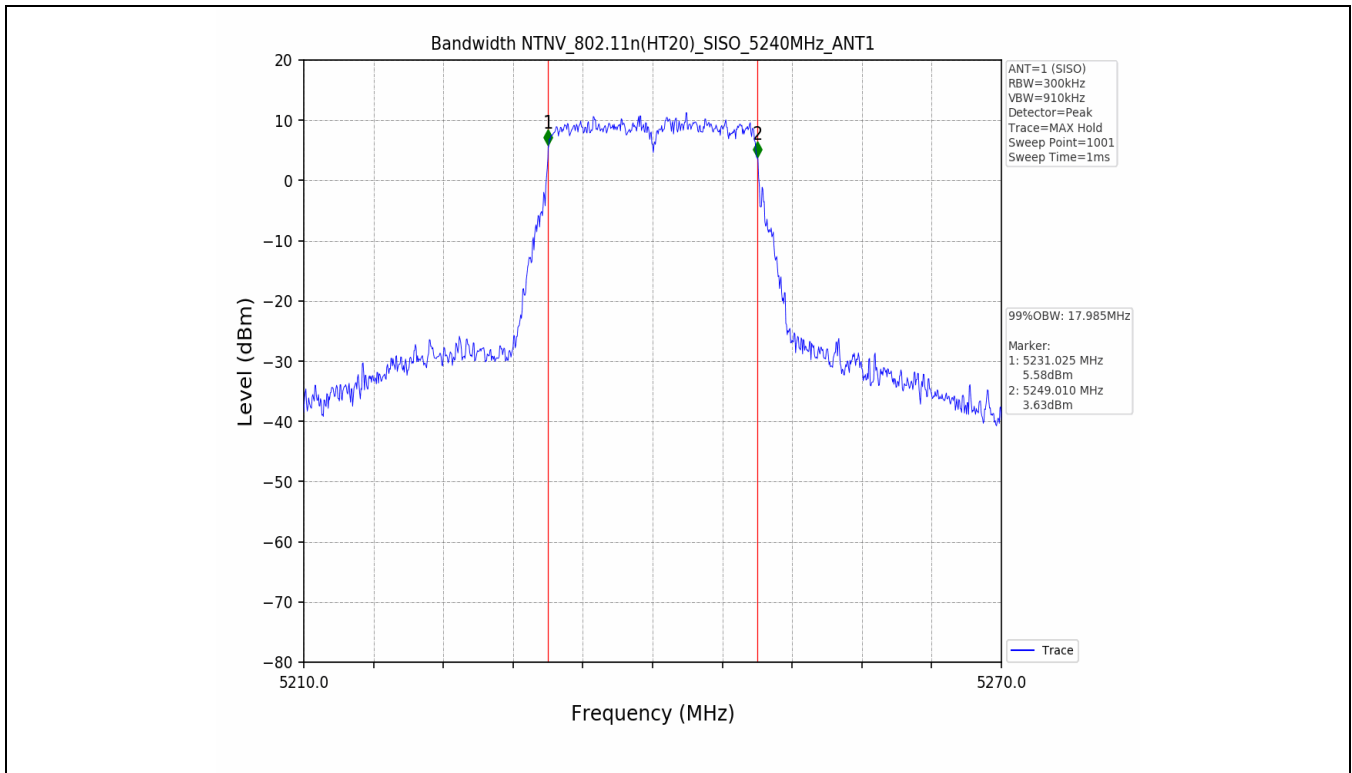
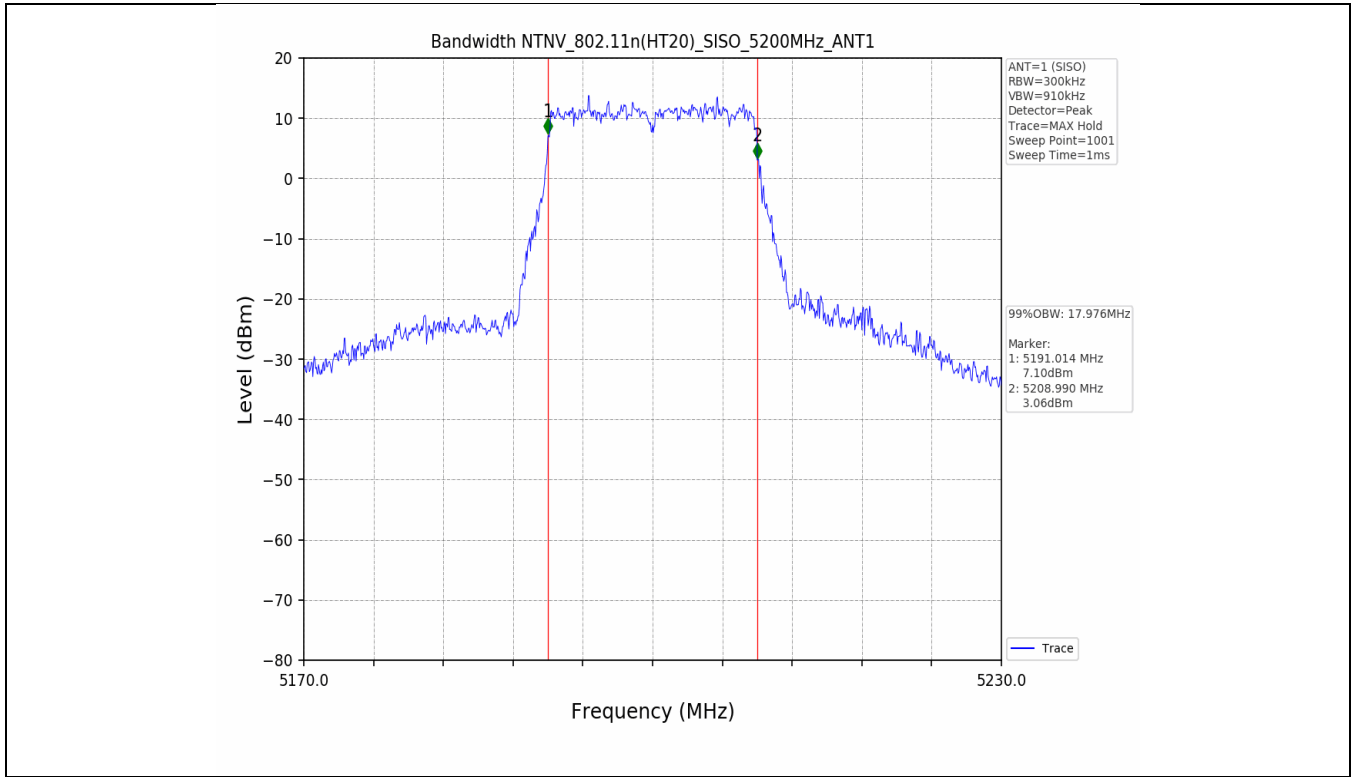


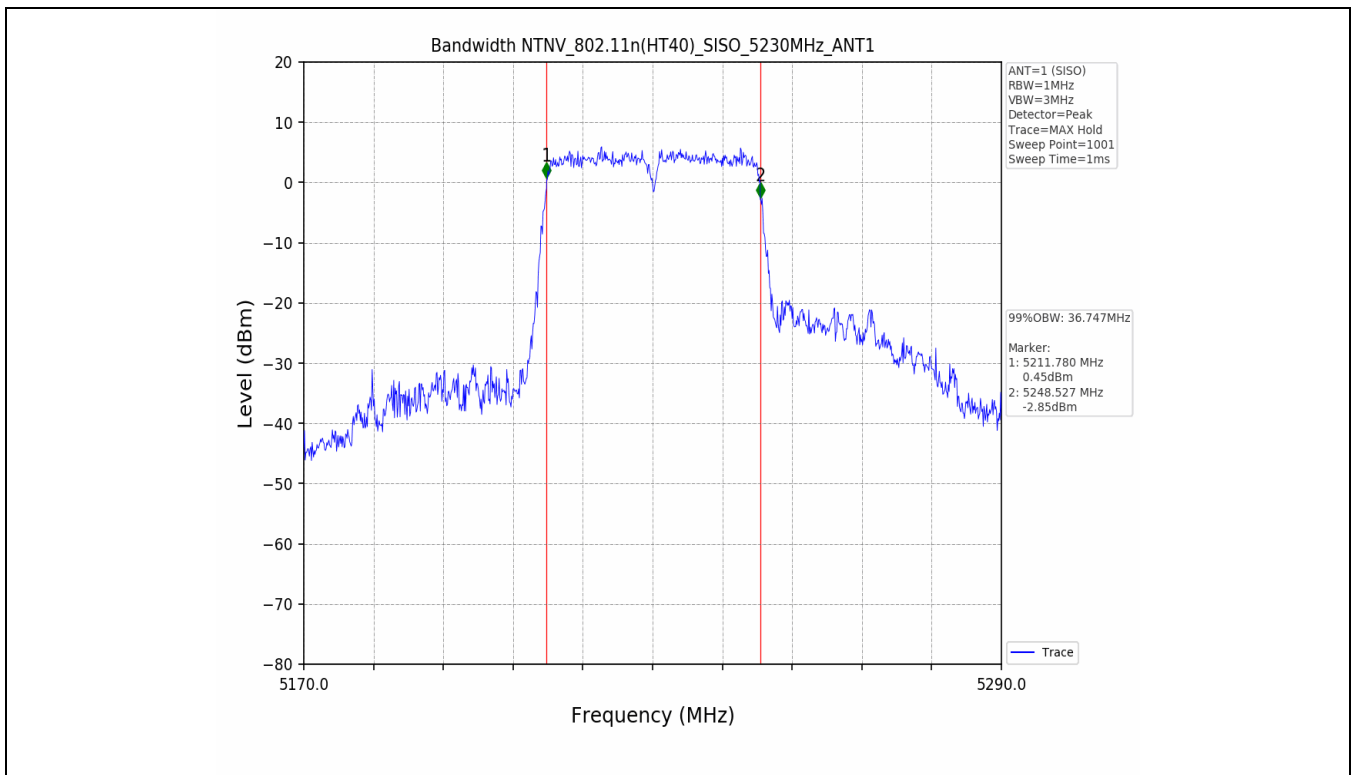
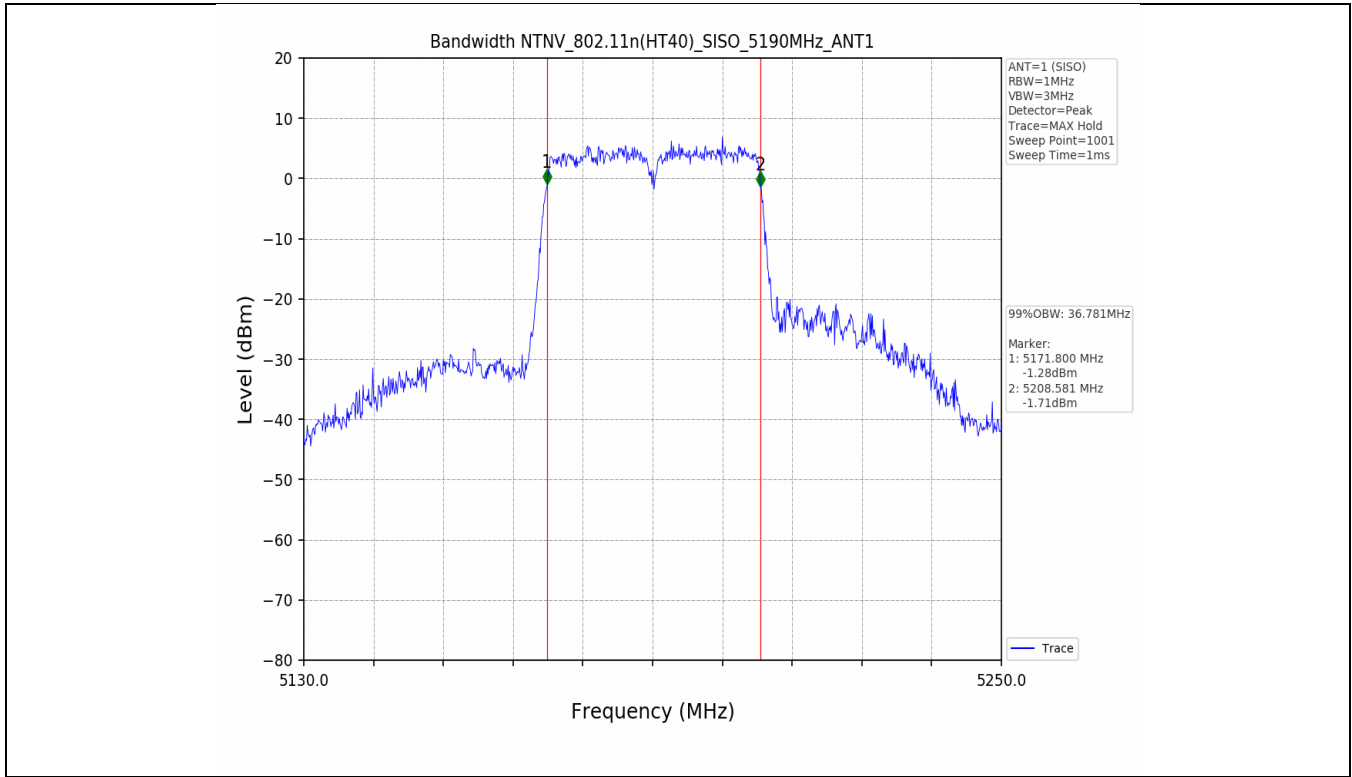


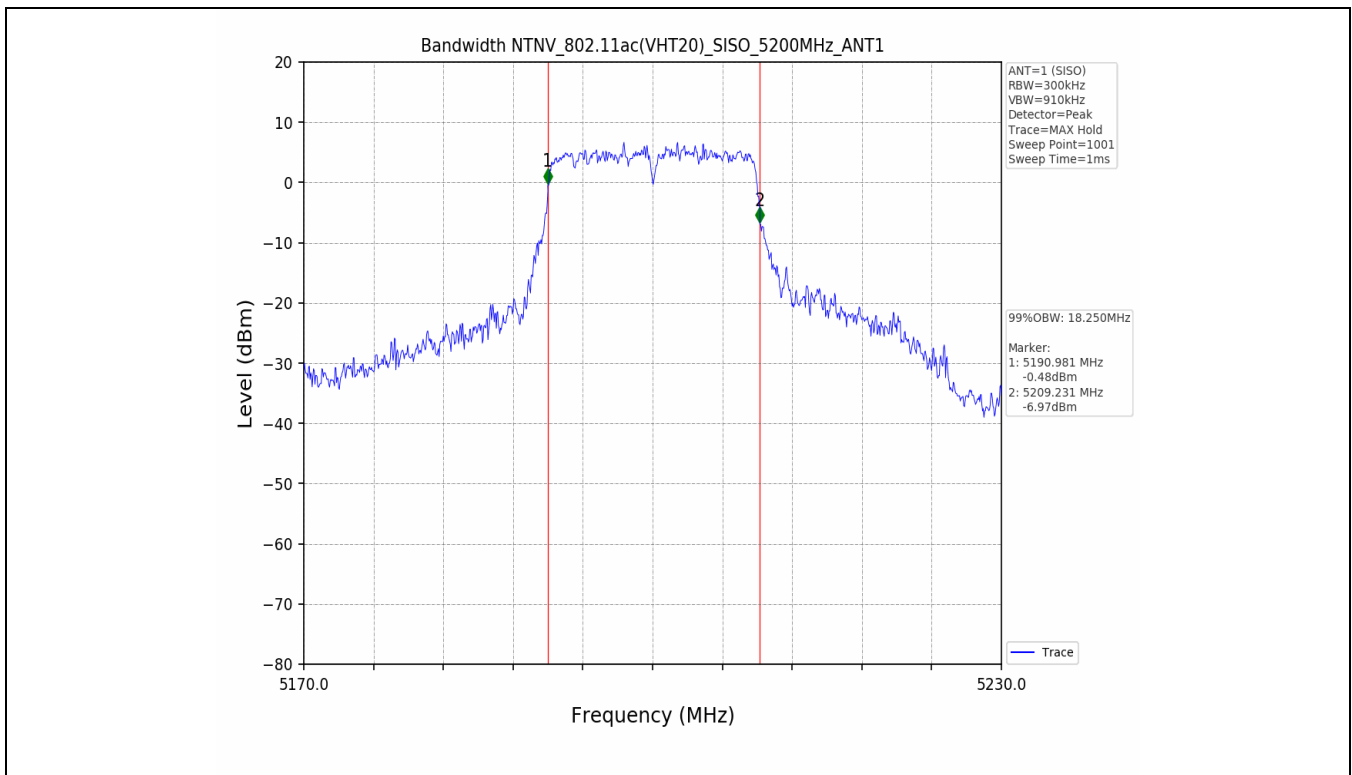
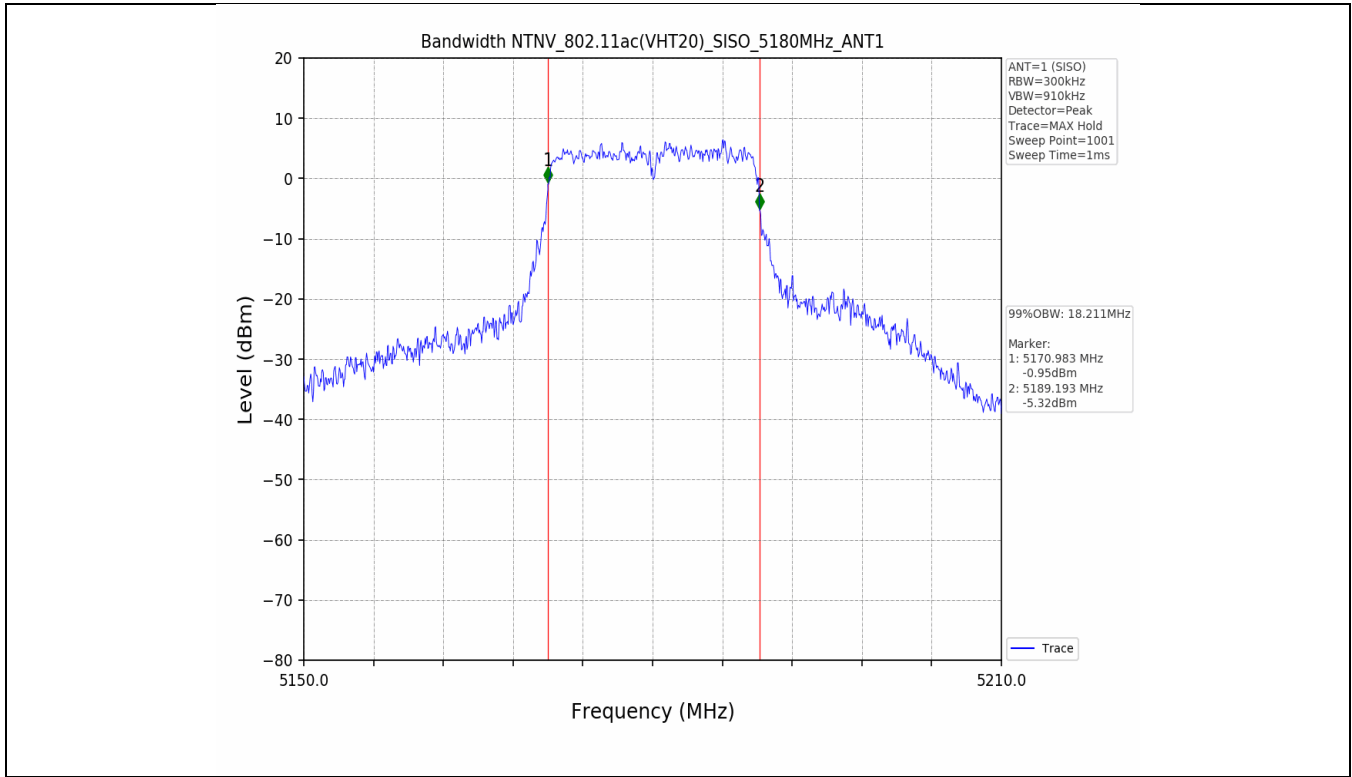
2.3 Test Graph - 99% Occupied Bandwidth

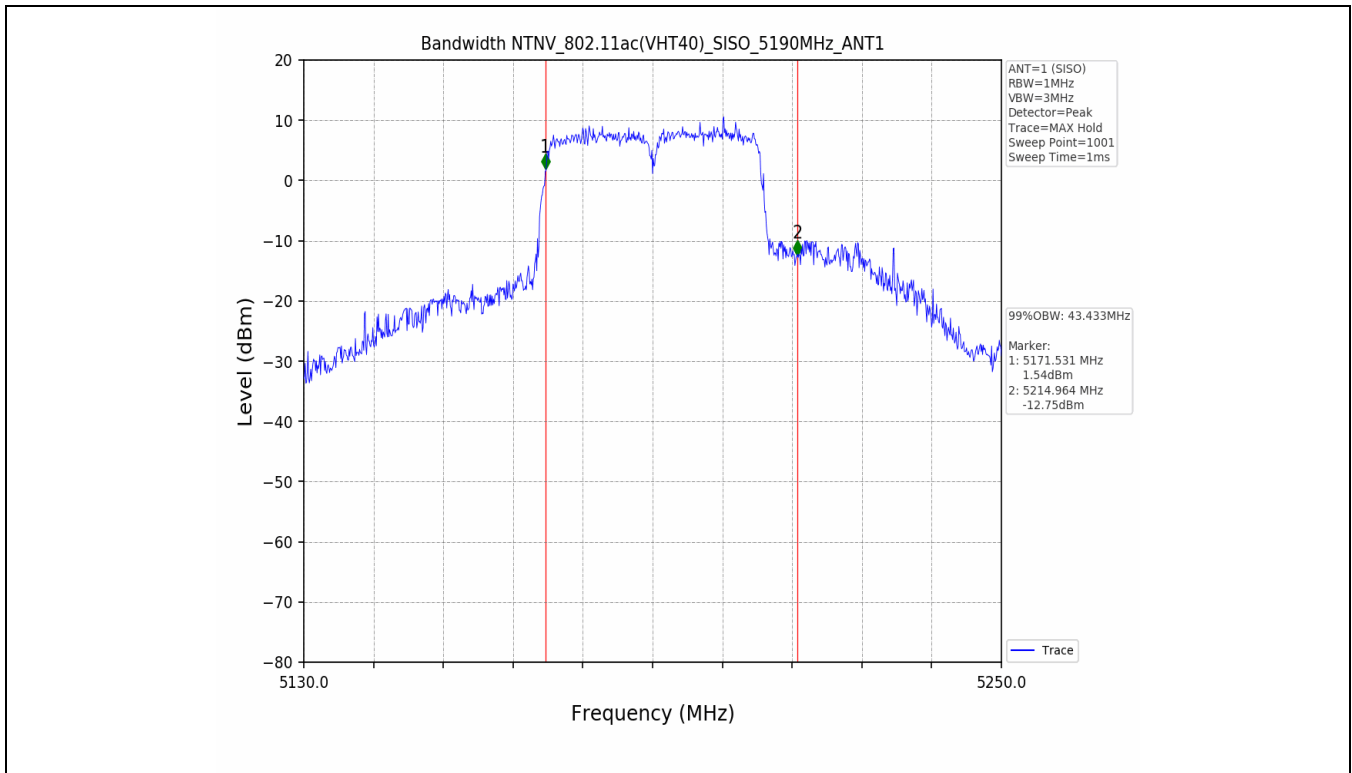
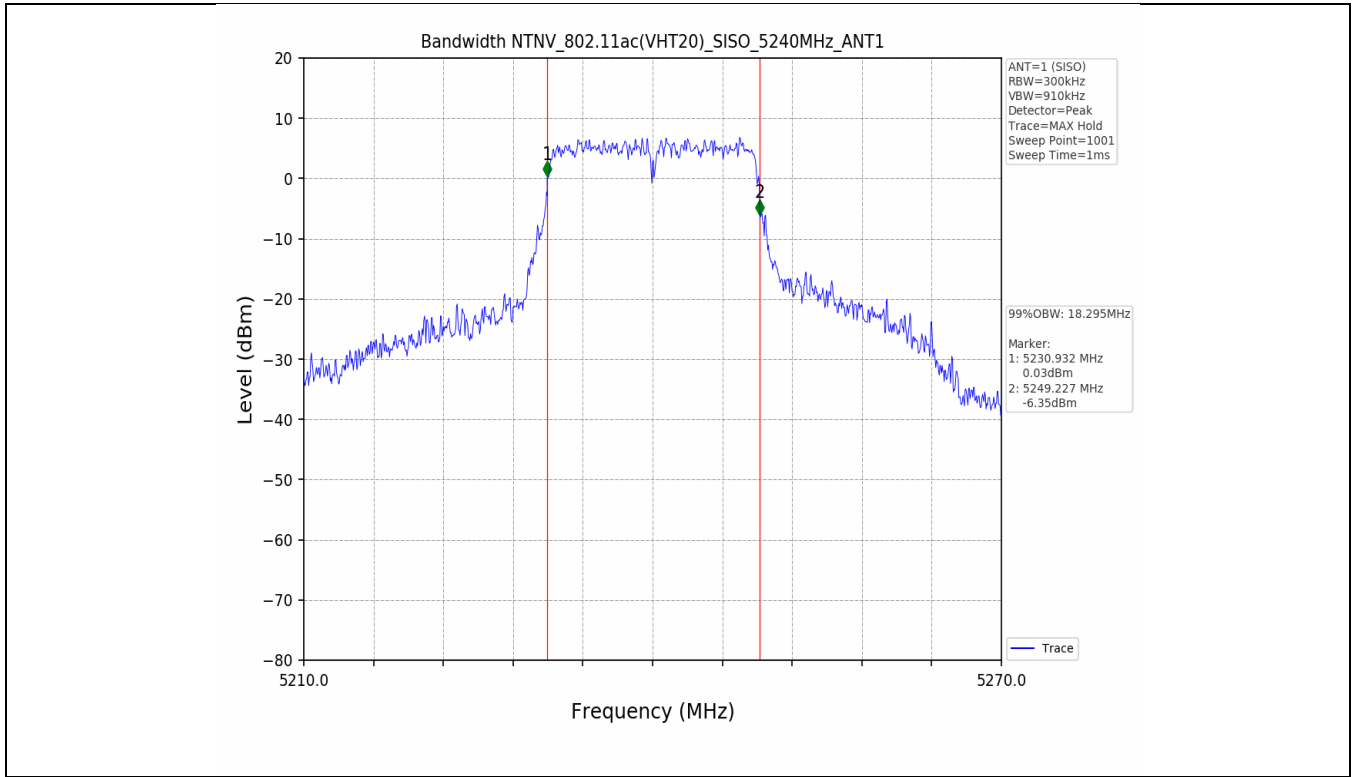


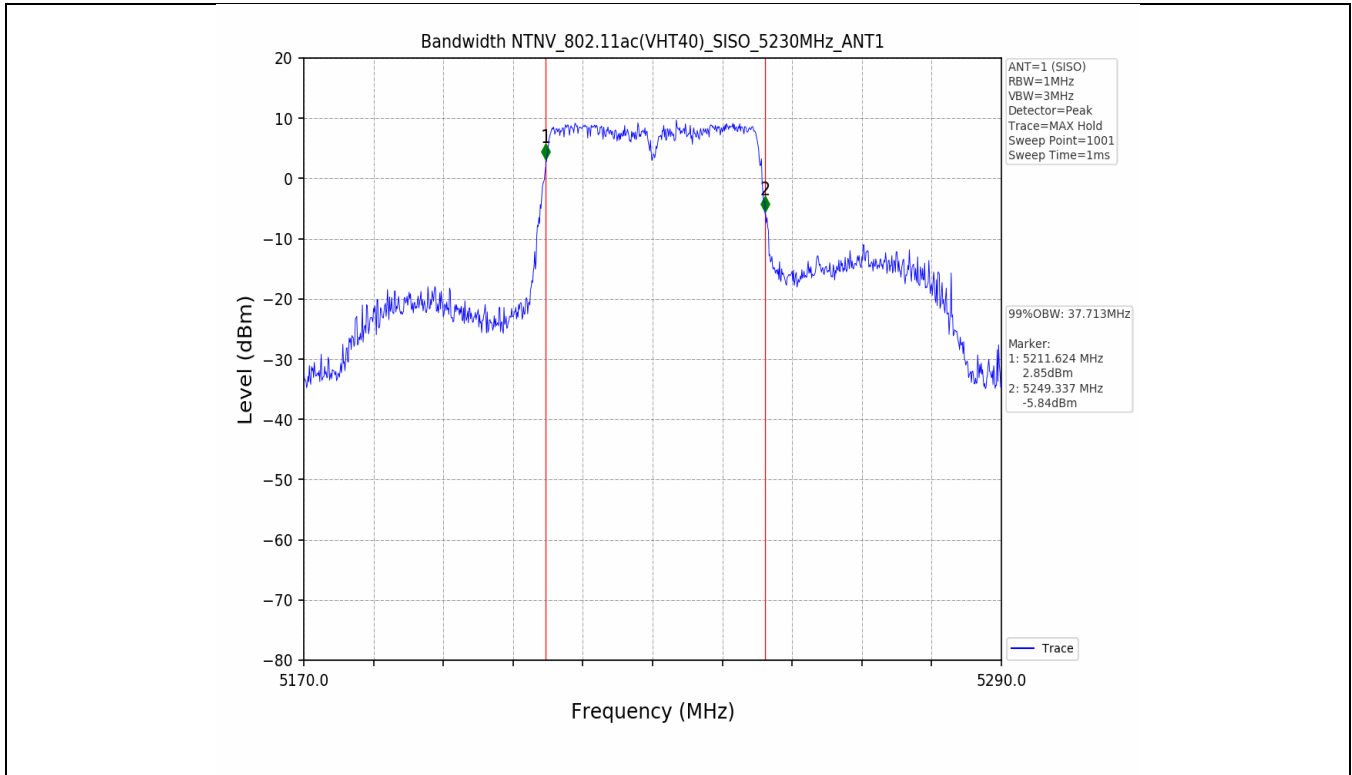












3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	20.97	≤23.98	PASS
	5200	SISO	21.07	≤23.98	PASS
	5240	SISO	20.81	≤23.98	PASS
802.11n(HT20)	5180	SISO	19.76	≤23.98	PASS
	5200	SISO	19.95	≤23.98	PASS
	5240	SISO	17.85	≤23.98	PASS
802.11n(HT40)	5190	SISO	8.82	≤23.98	PASS
	5230	SISO	8.94	≤23.98	PASS
802.11ac(VHT20)	5180	SISO	12.86	≤23.98	PASS
	5200	SISO	13.35	≤23.98	PASS
	5240	SISO	13.86	≤23.98	PASS
802.11ac(VHT40)	5190	SISO	12.57	≤23.98	PASS
	5230	SISO	12.59	≤23.98	PASS

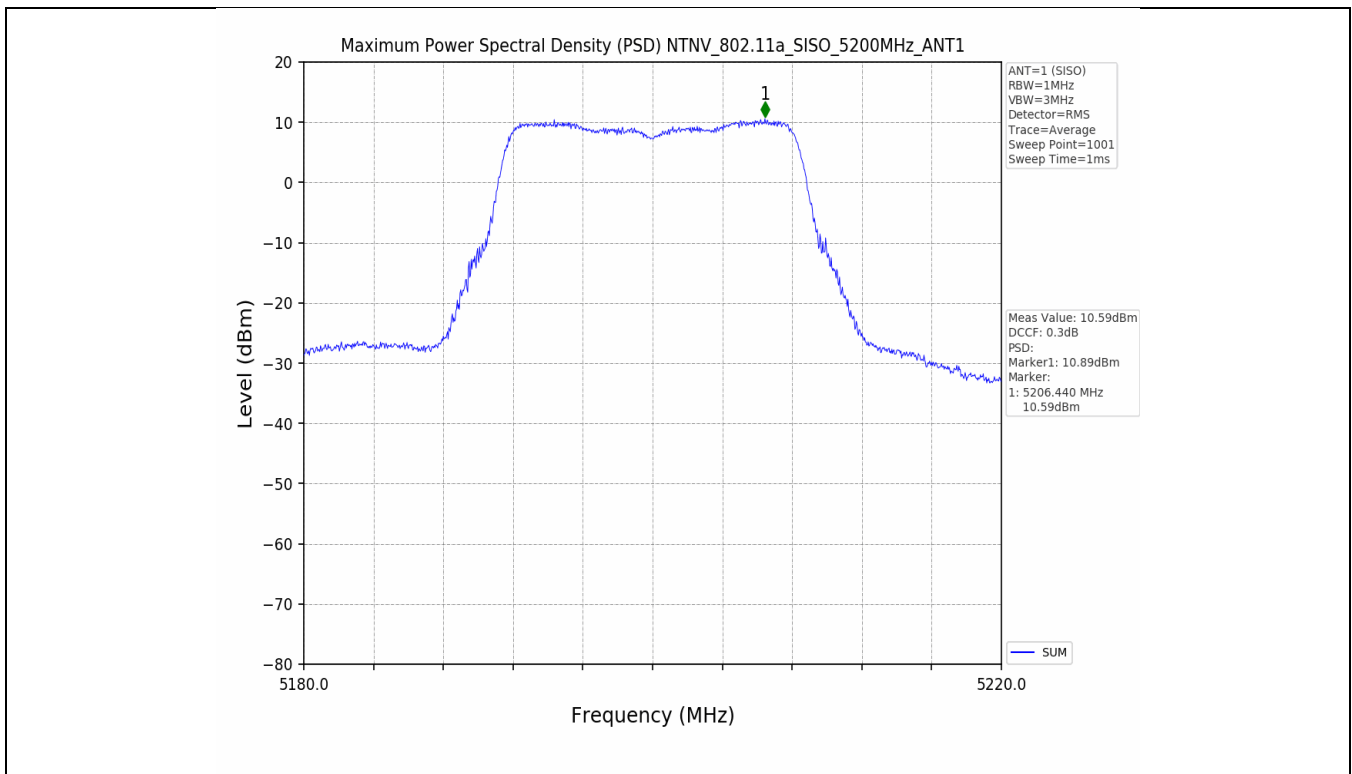
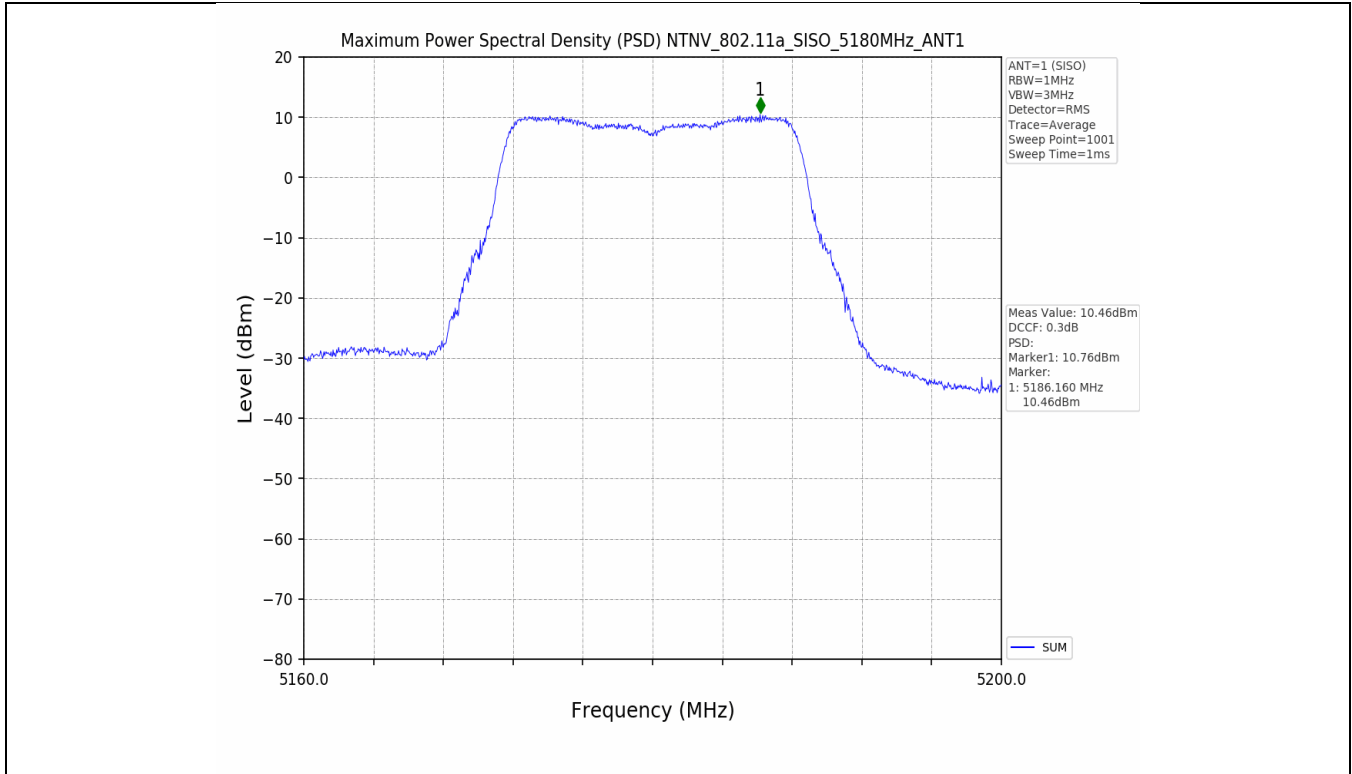
Note : 1.The Duty Cycle Factor is compensated in the result.

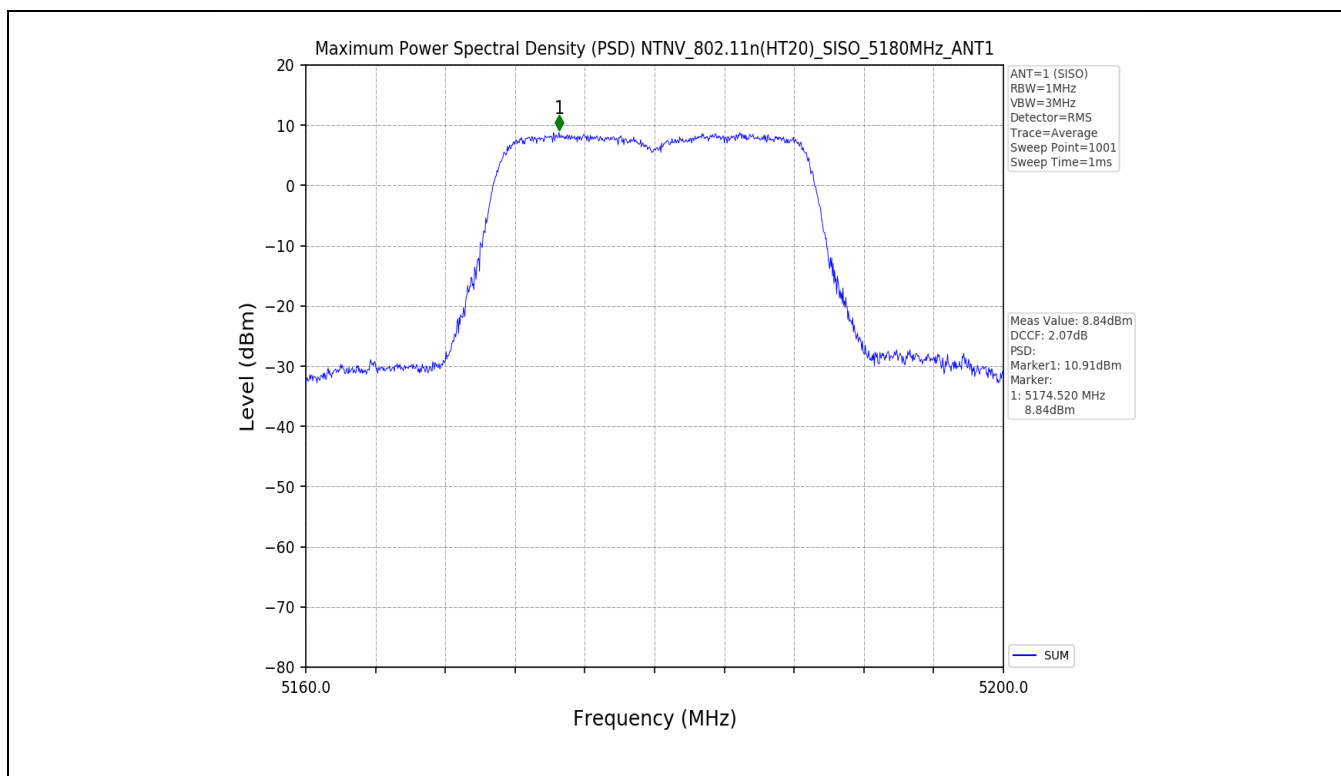
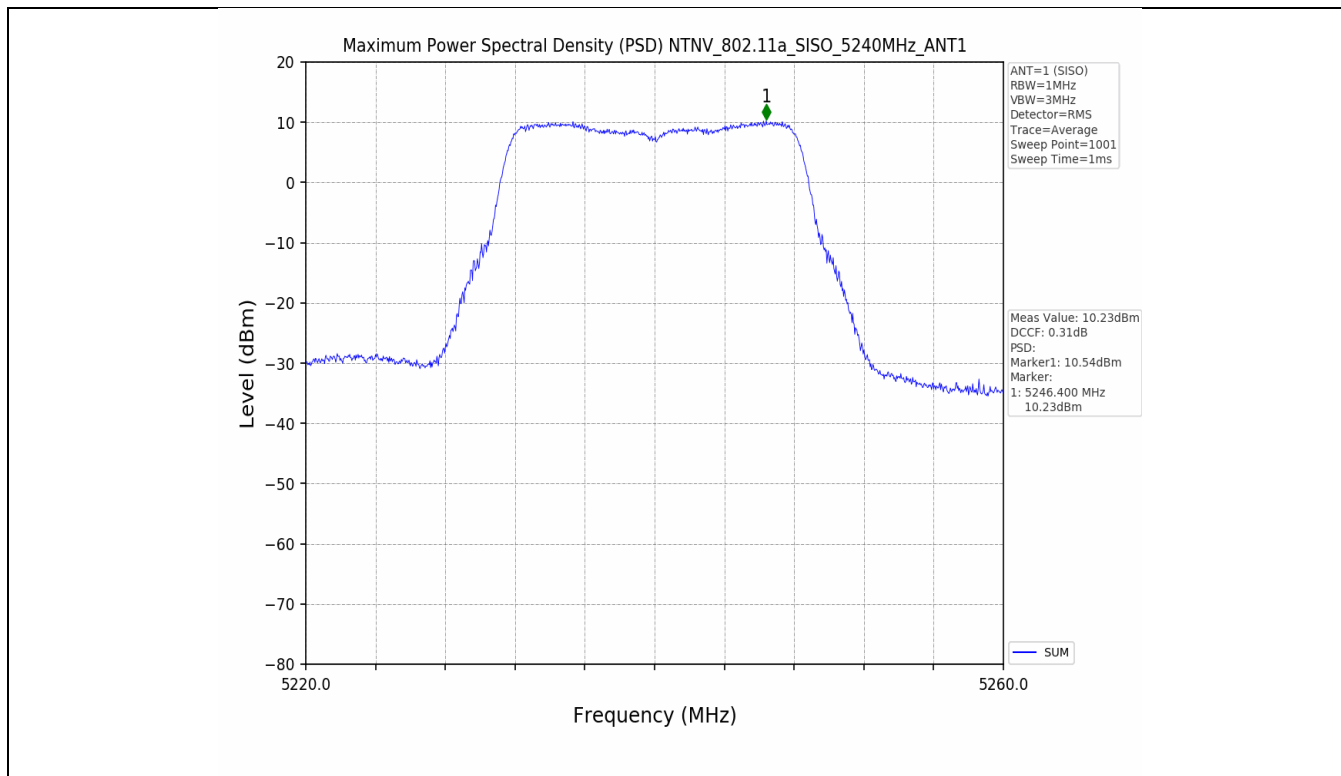
4. Maximum Power Spectral Density (PSD)

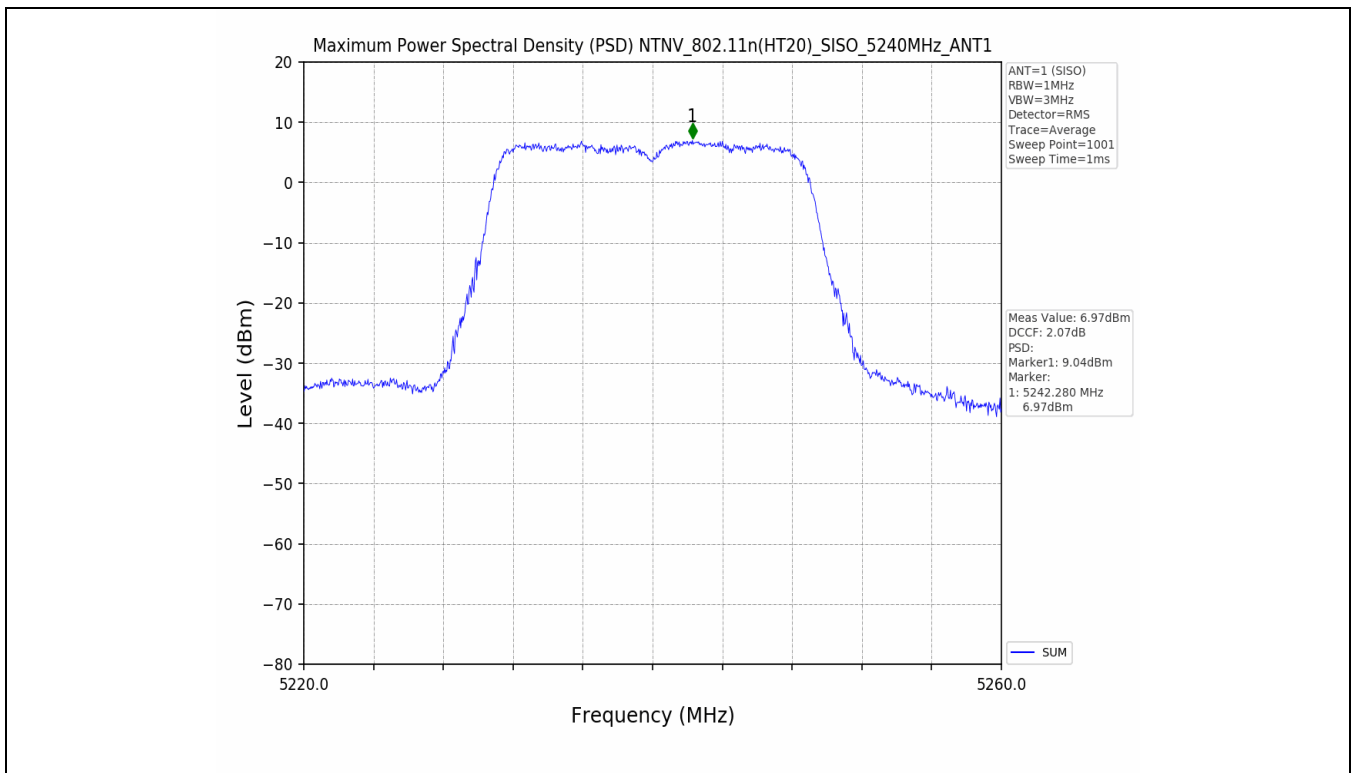
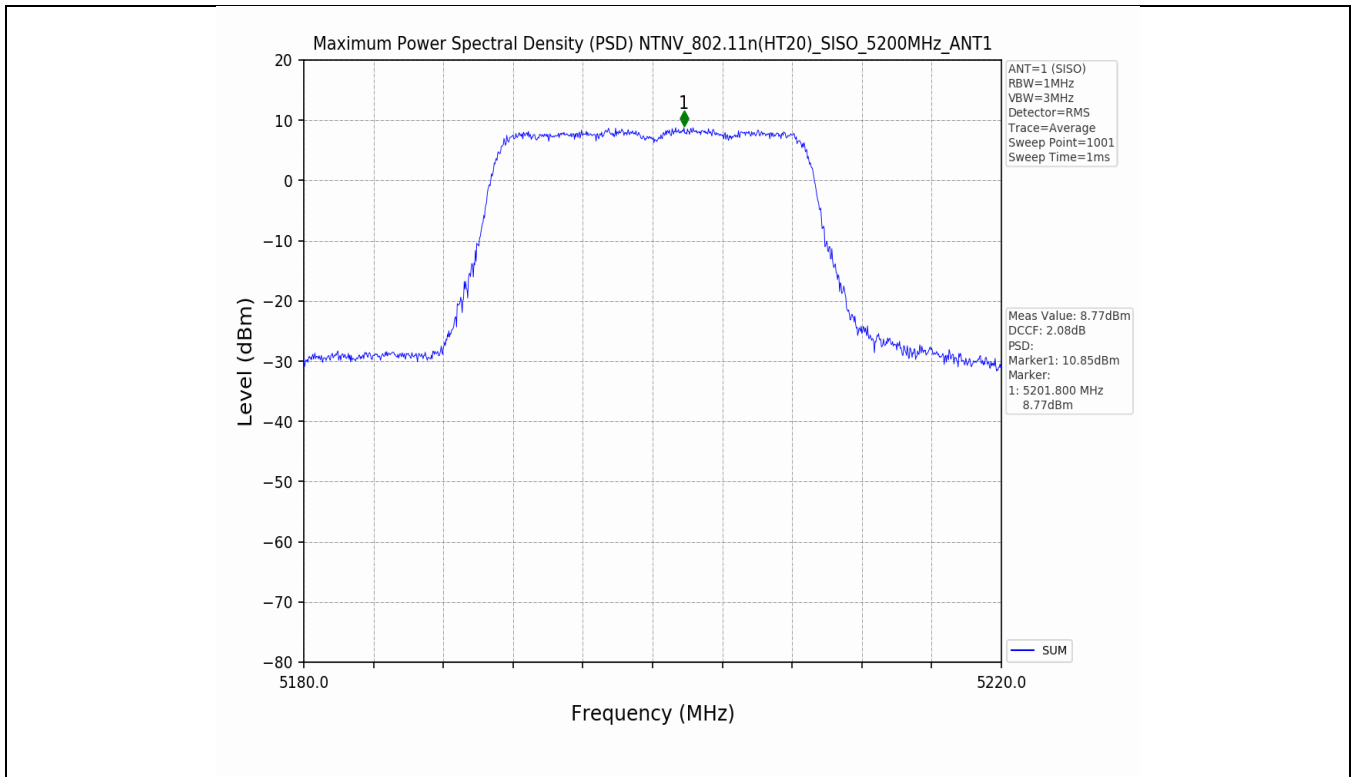
4.1 Test Result

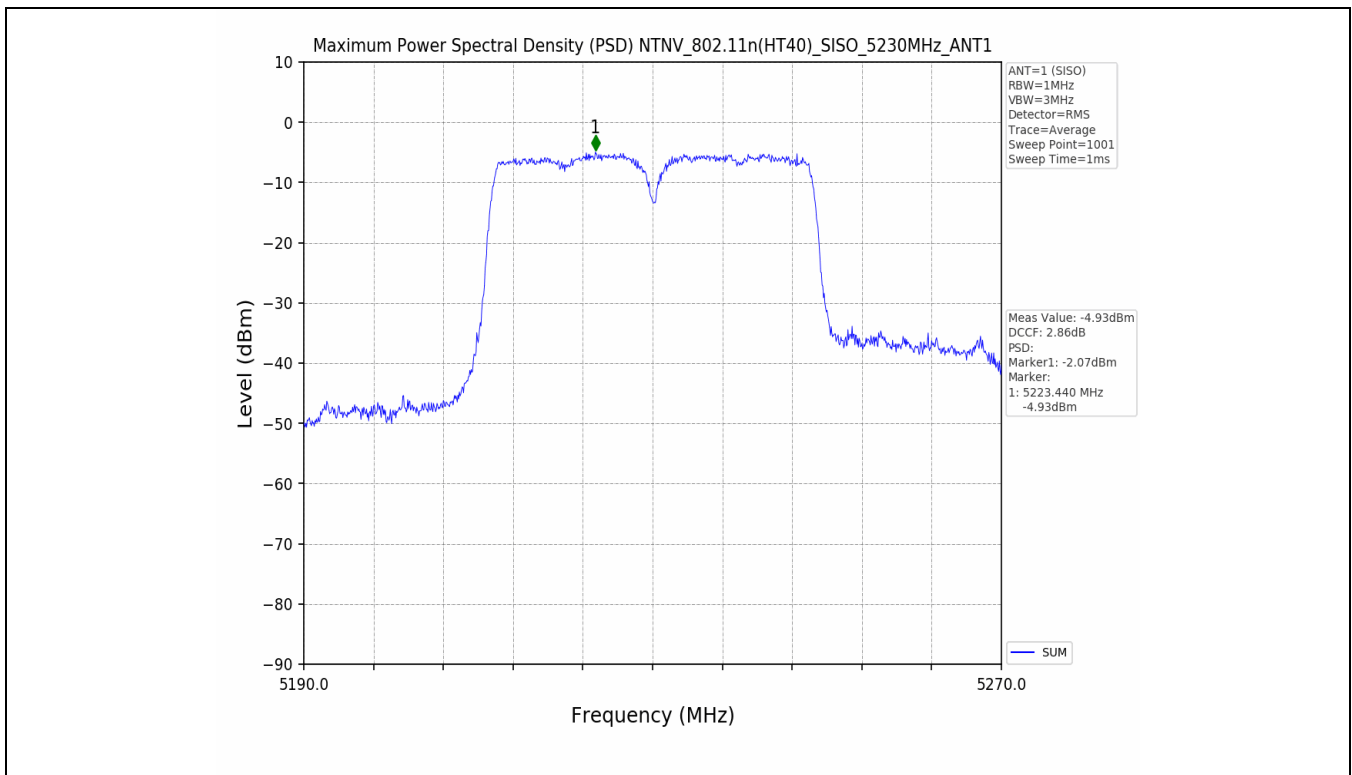
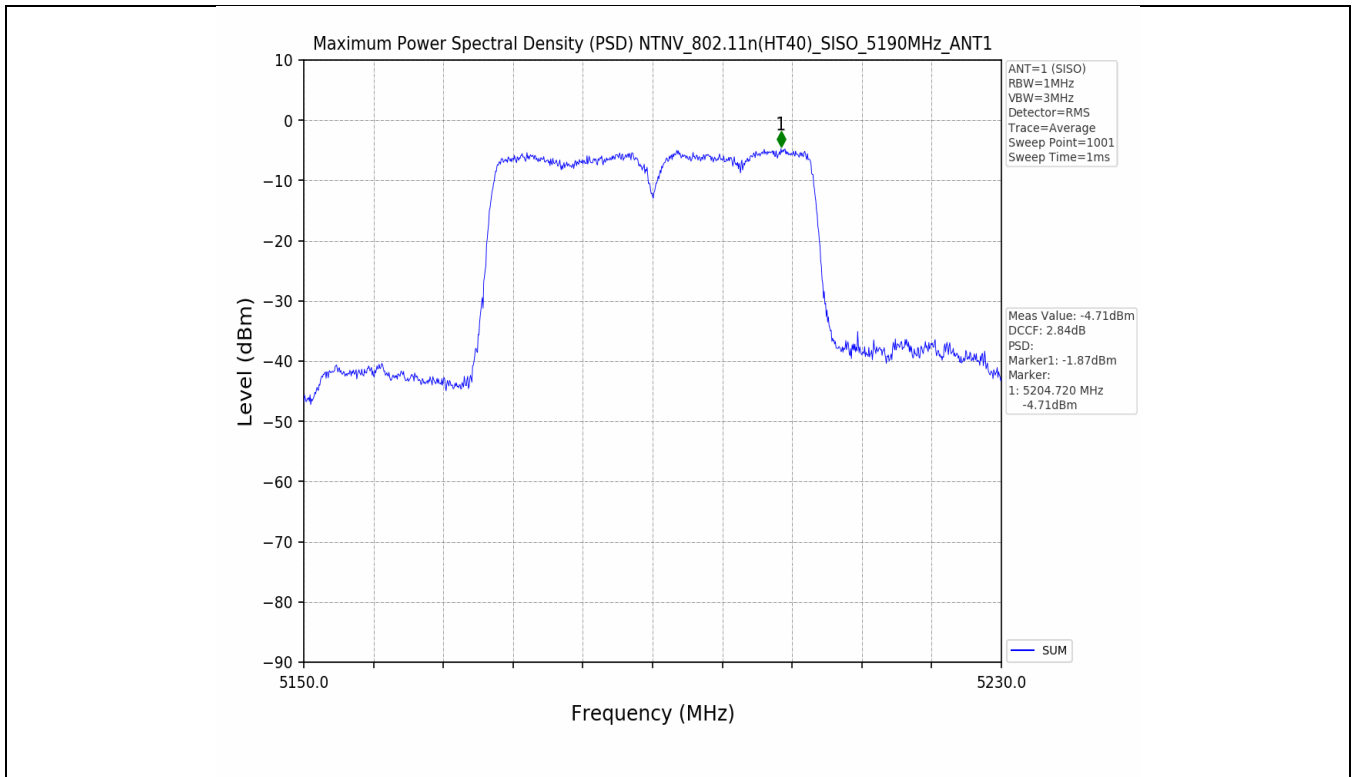
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	10.76	≤11	PASS
	5200	SISO	10.89	≤11	PASS
	5240	SISO	10.54	≤11	PASS
802.11n(HT20)	5180	SISO	10.91	≤11	PASS
	5200	SISO	10.85	≤11	PASS
	5240	SISO	9.04	≤11	PASS
802.11n(HT40)	5190	SISO	-1.87	≤11	PASS
	5230	SISO	-2.07	≤11	PASS
802.11ac(VHT20)	5180	SISO	4.23	≤11	PASS
	5200	SISO	4.76	≤11	PASS
	5240	SISO	4.81	≤11	PASS
802.11ac(VHT40)	5190	SISO	1.66	≤11	PASS
	5230	SISO	1.87	≤11	PASS

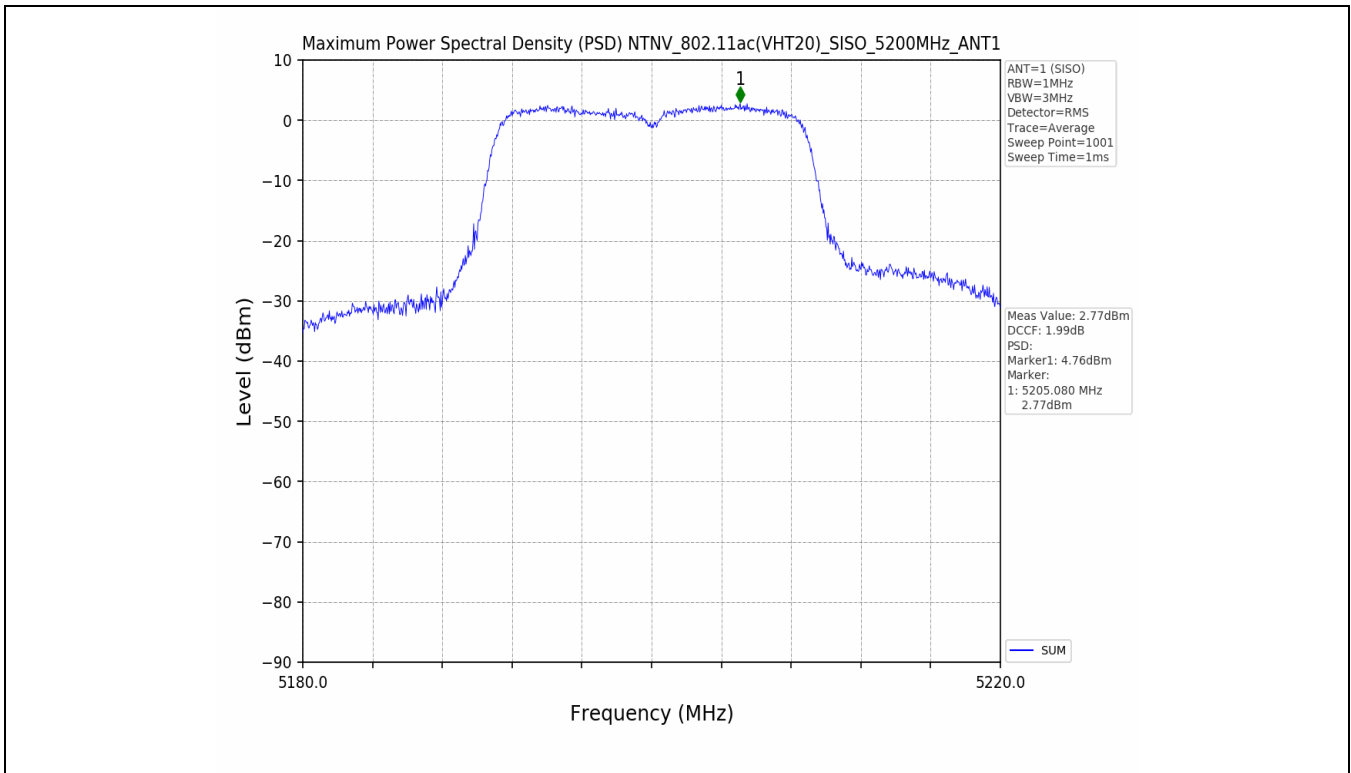
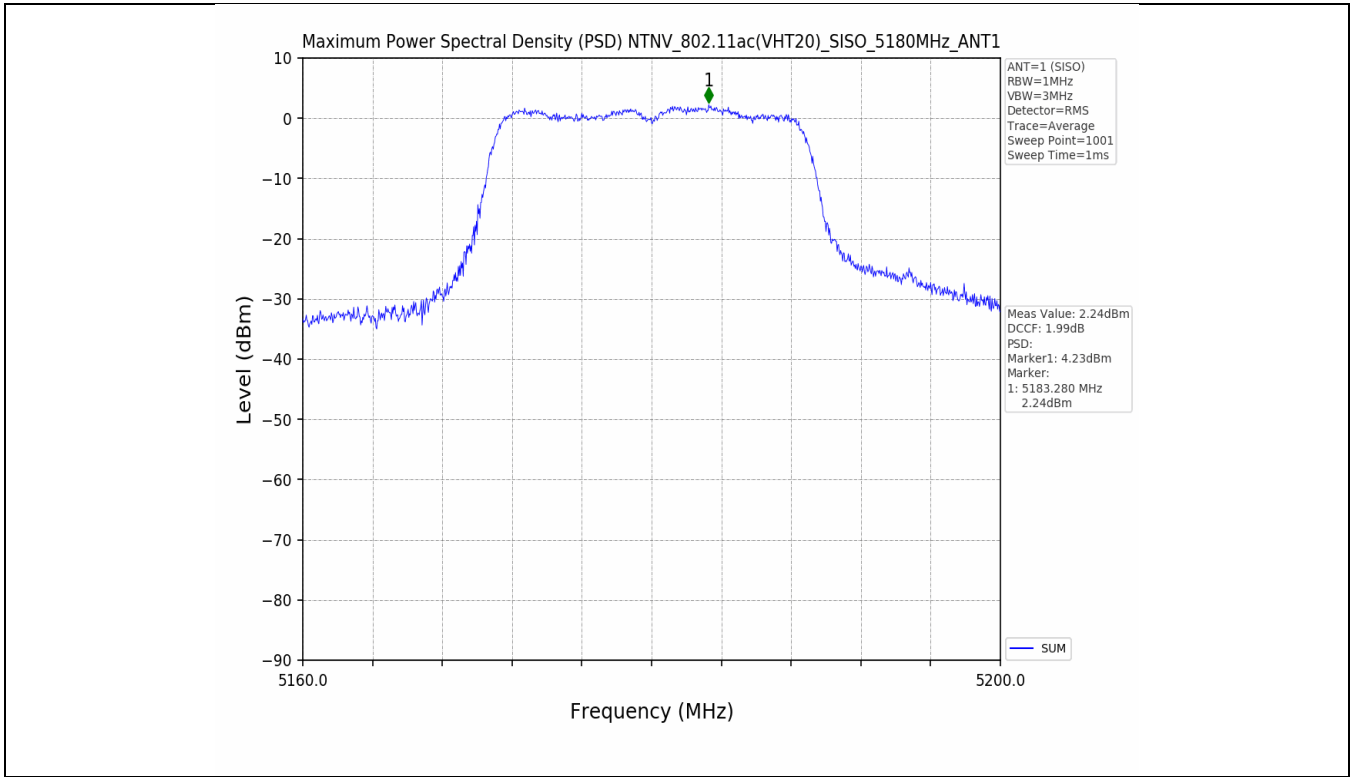
4.2 Test Graph

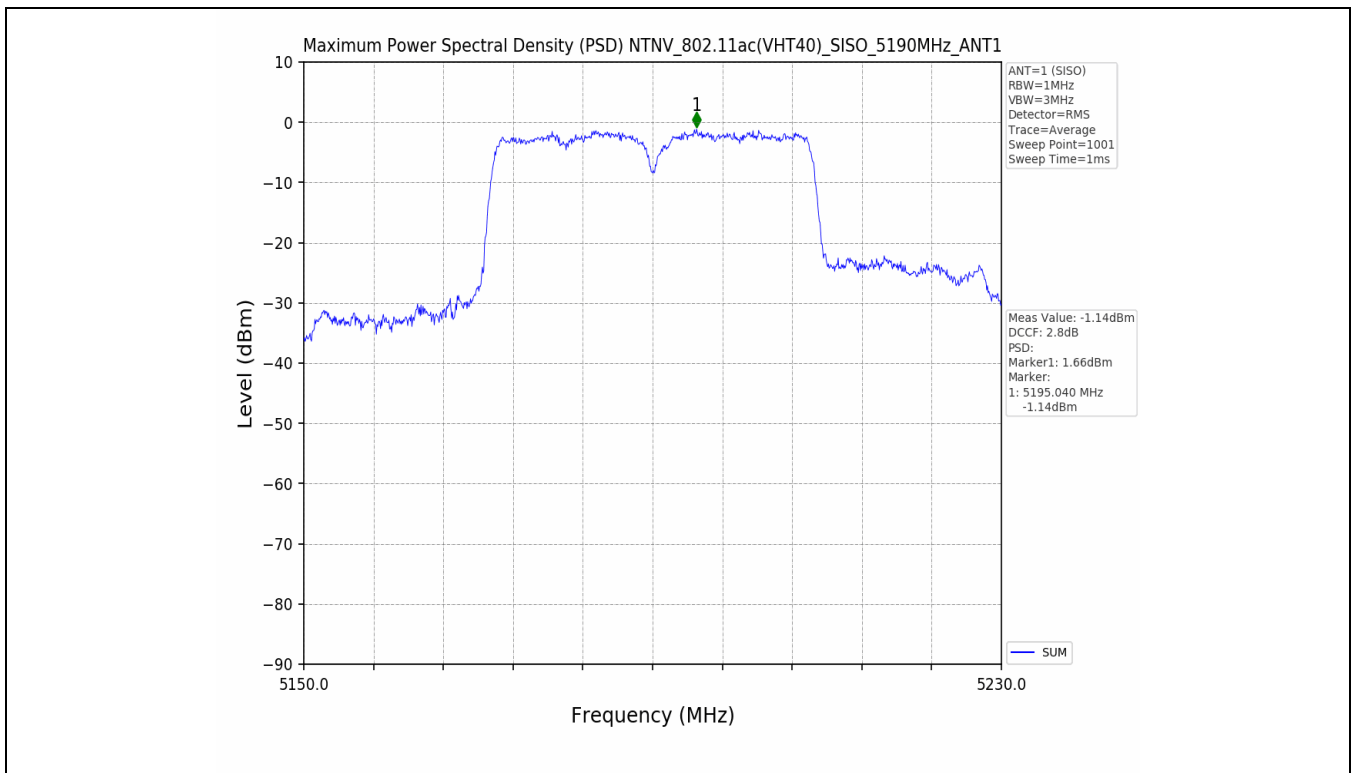
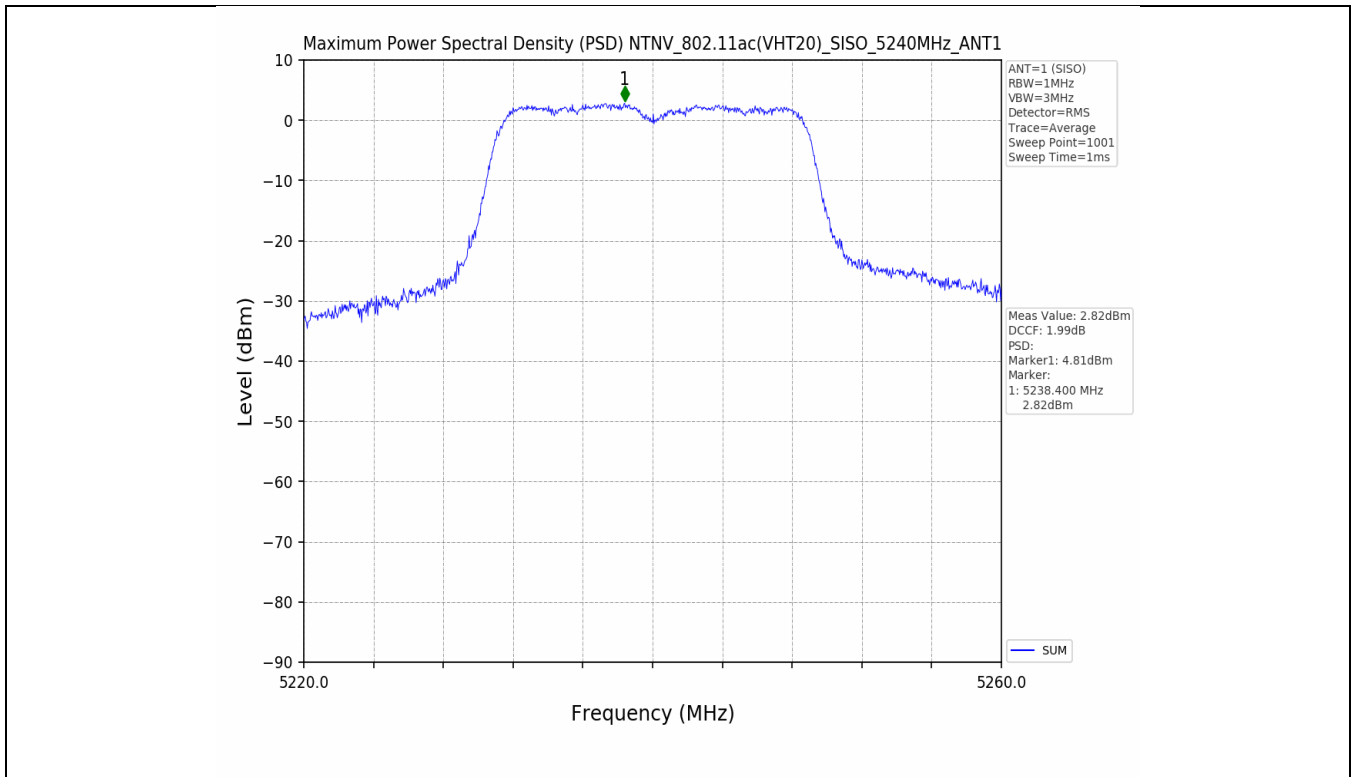


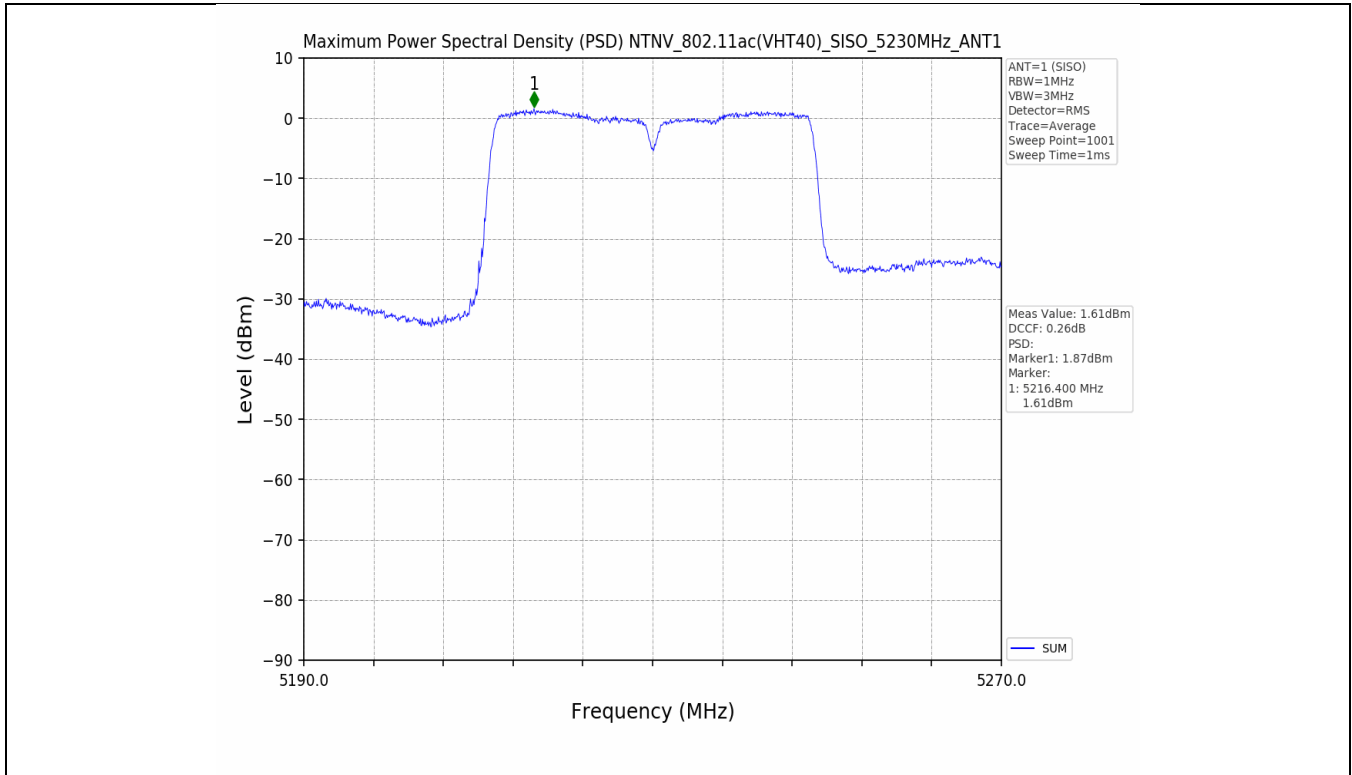












5. Frequency Stability

5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5180	1	-7.72	<=20	PASS
		5200	1	-7.69	<=20	PASS
		5240	1	-11.45	<=20	PASS
		5190	1	-7.71	<=20	PASS
		5230	1	-7.65	<=20	PASS

-----End-----