



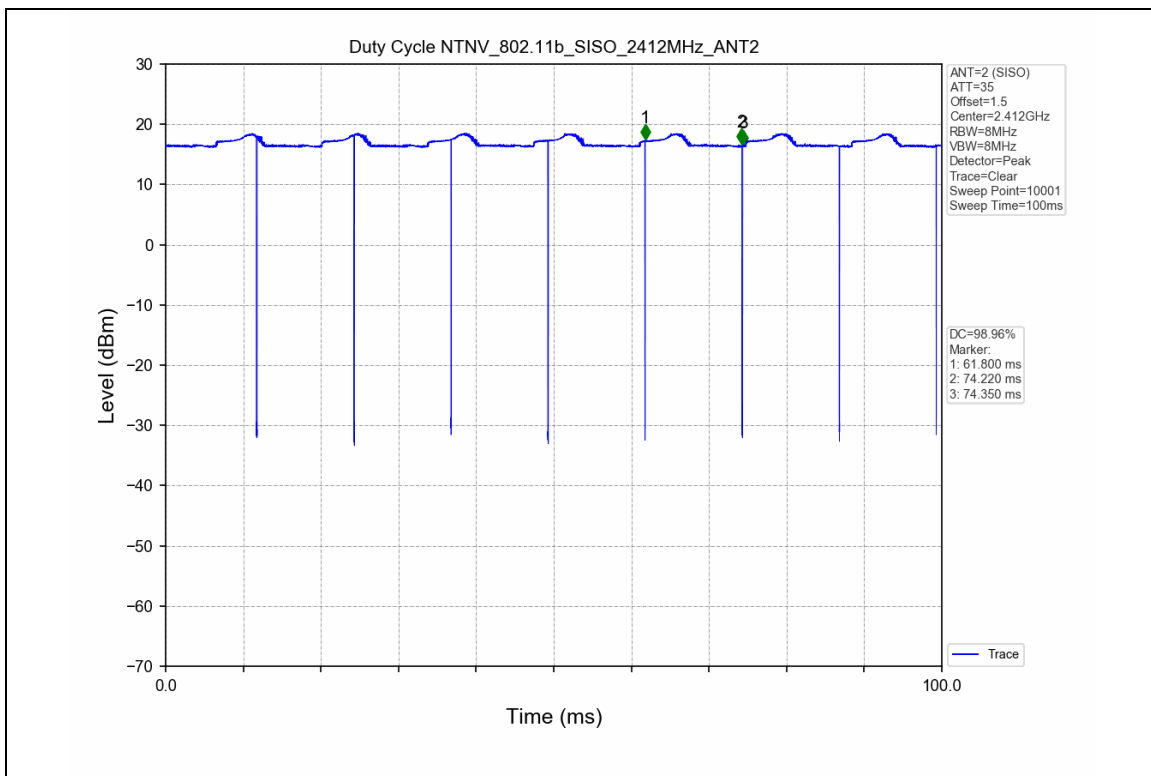
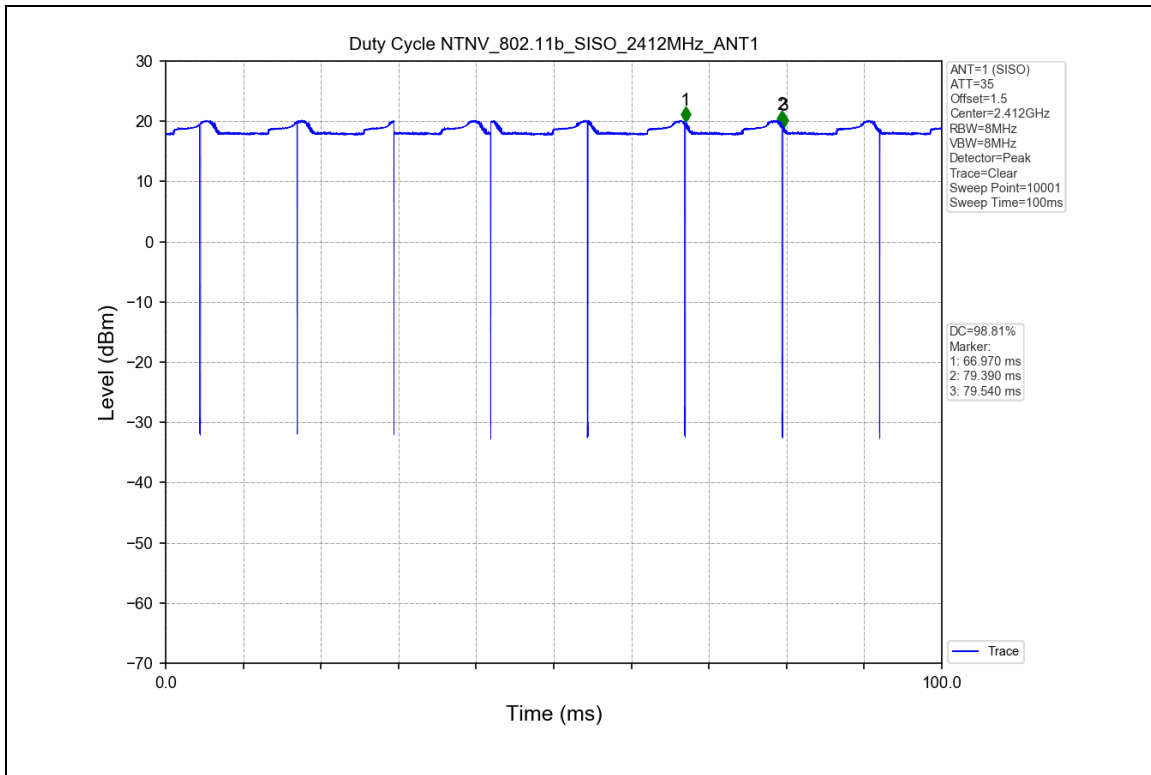
Appendix A for SHEM210500426401

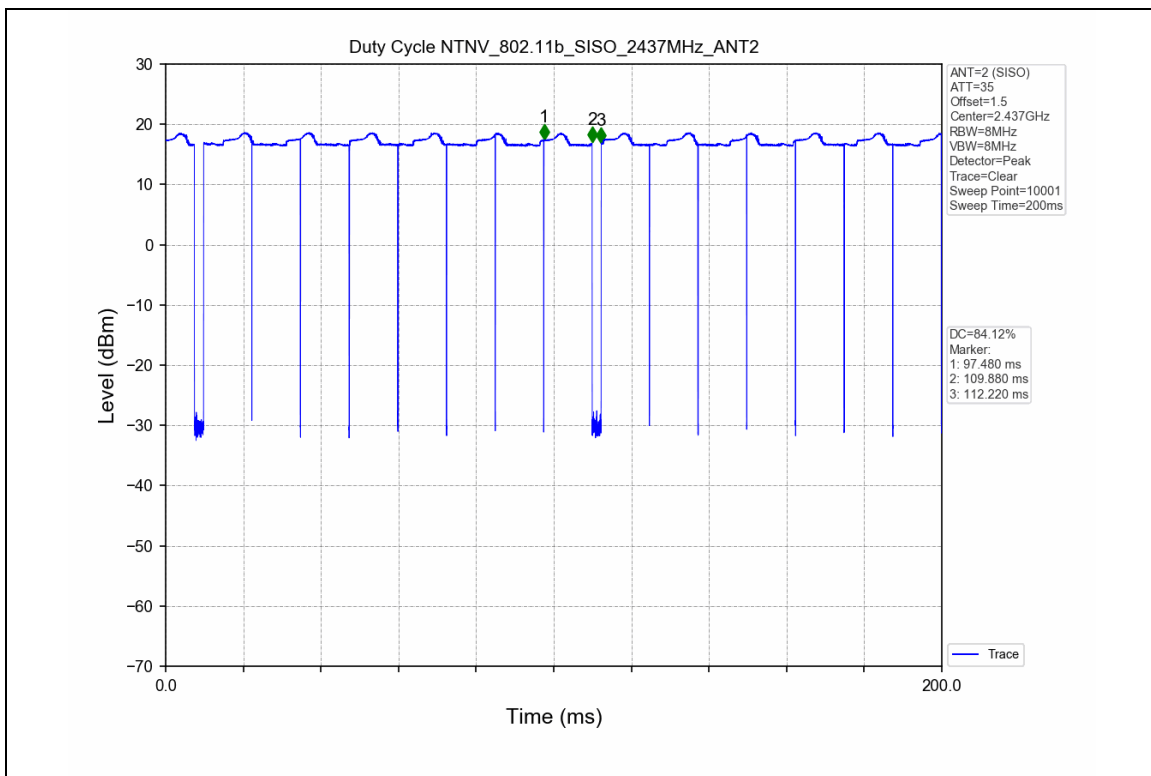
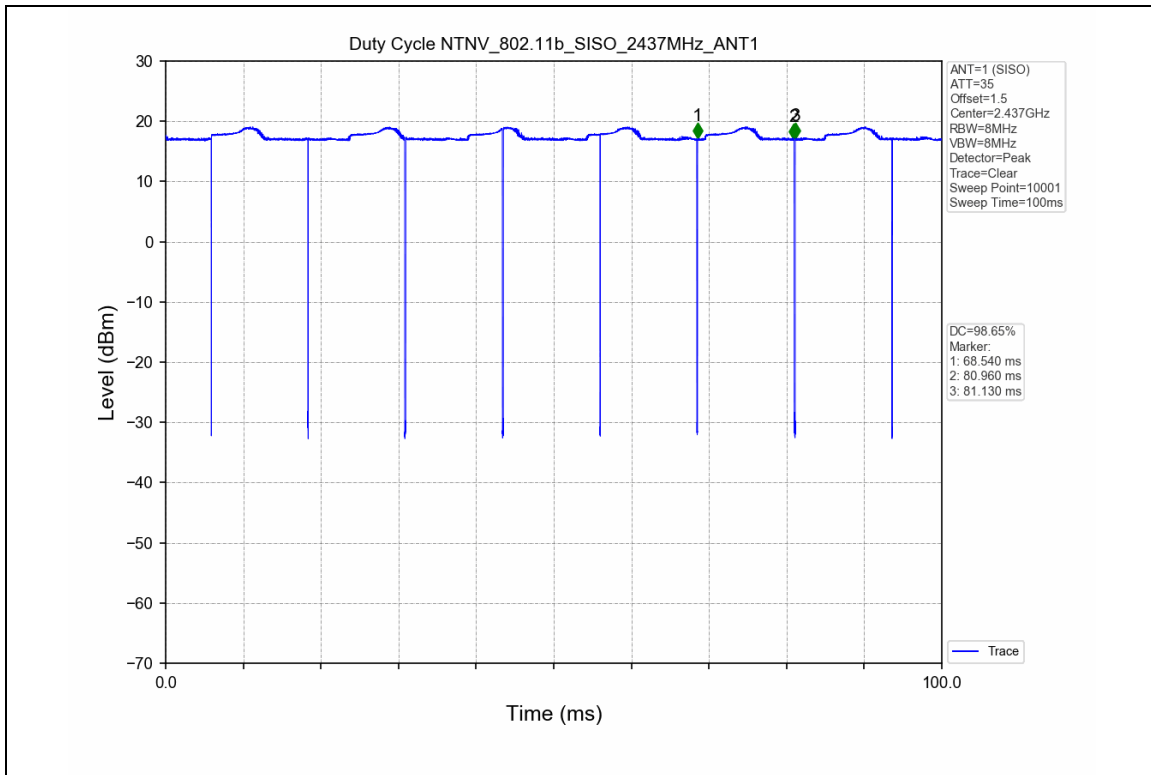
1. Duty Cycle

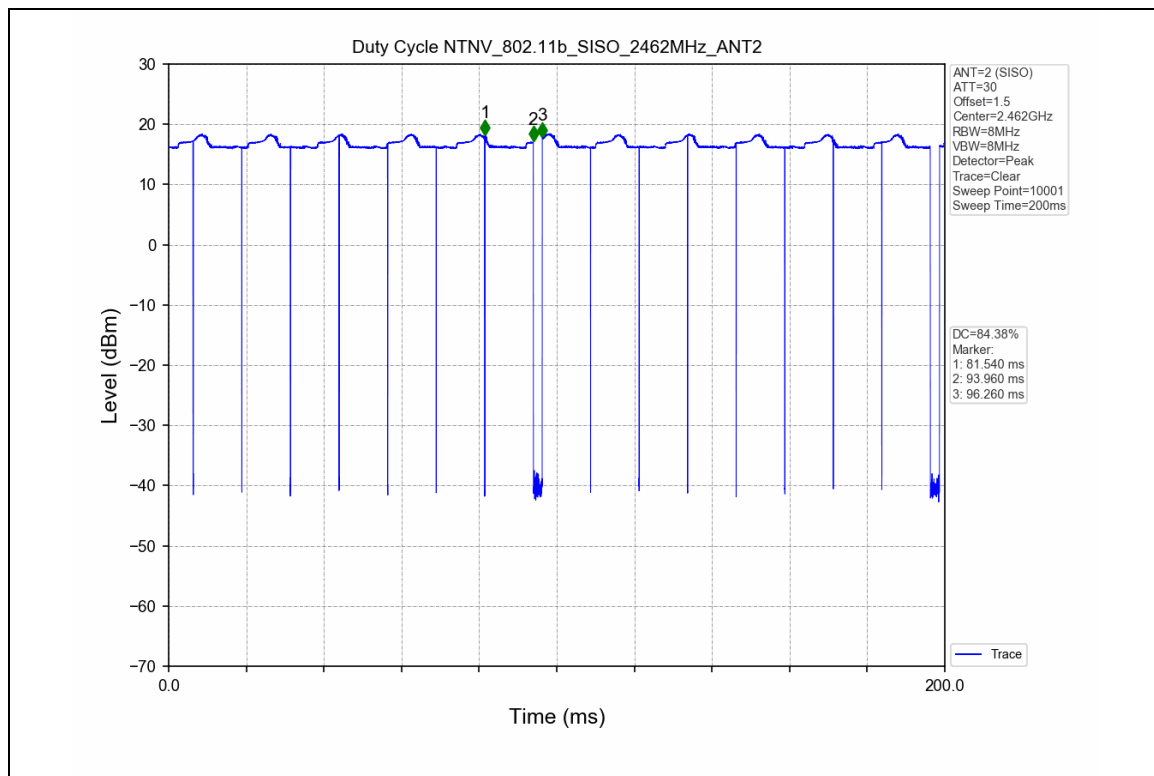
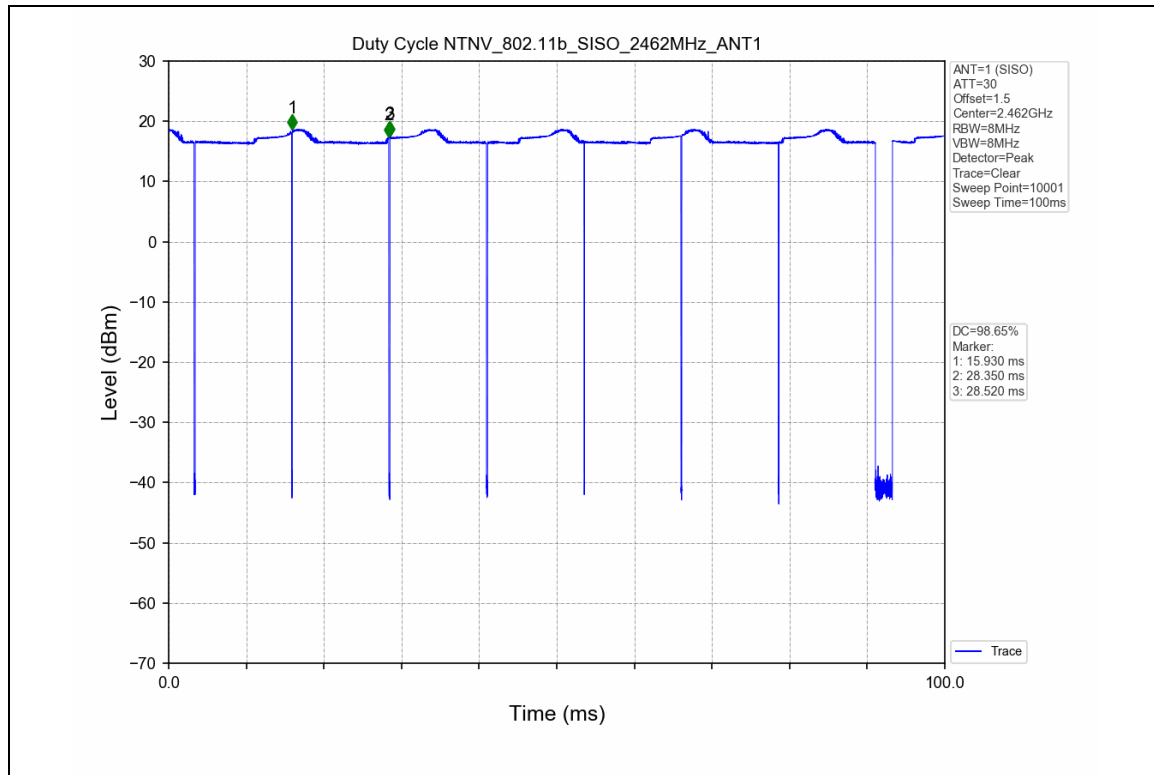
1.1 Test Result

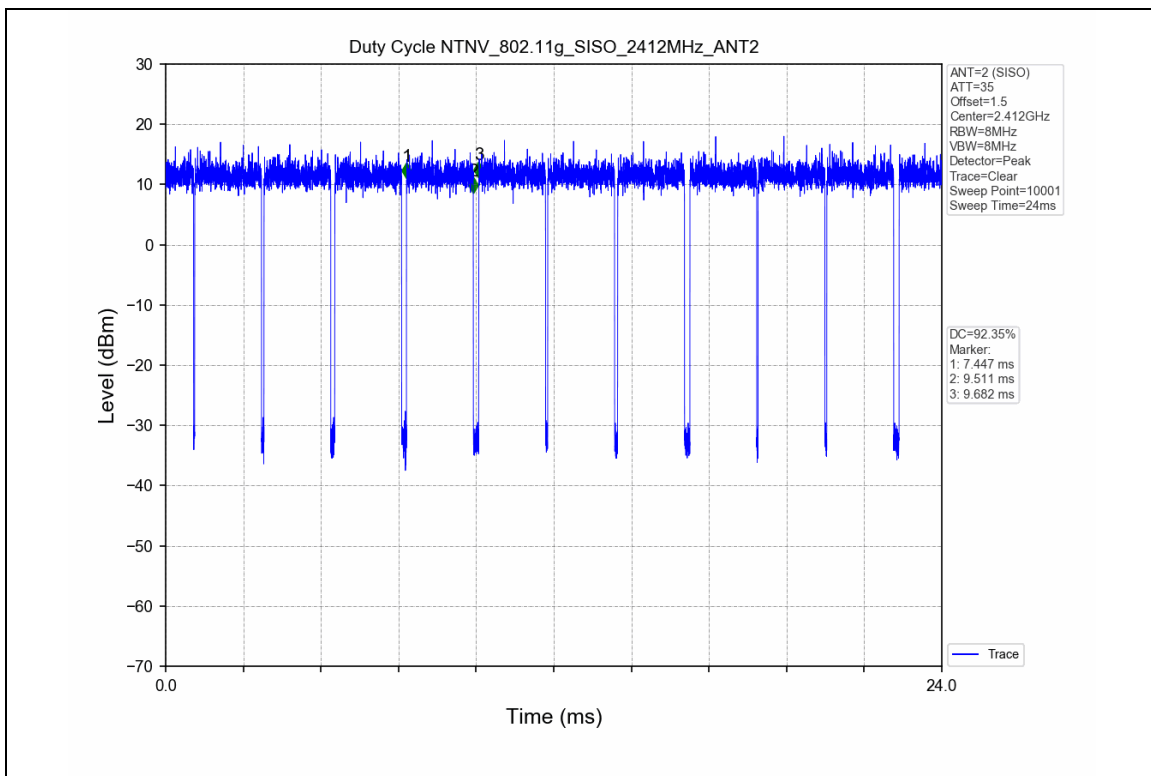
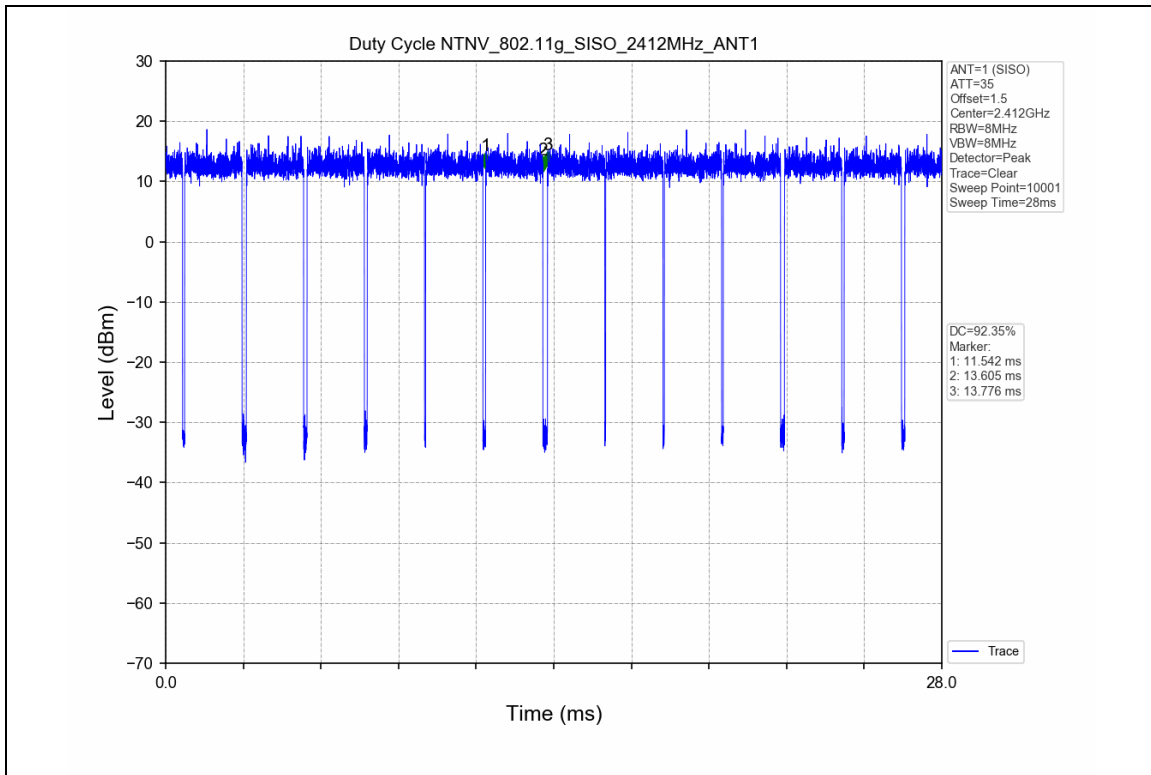
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	12.420	12.570	98.81	0.05
			2	12.420	12.550	98.96	0.05
	2437	SISO	1	12.420	12.590	98.65	0.06
			2	12.400	14.740	84.12	0.75
	2462	SISO	1	12.420	12.590	98.65	0.06
			2	12.420	14.720	84.38	0.74
802.11g	2412	SISO	1	2.063	2.234	92.35	0.35
			2	2.064	2.235	92.35	0.35
	2437	SISO	1	2.064	2.215	93.18	0.31
			2	2.033	2.192	92.75	0.33
	2462	SISO	1	2.064	2.217	93.10	0.31
			2	2.064	2.227	92.68	0.33
802.11n(HT20)	2412	MIMO	1	1.888	2.012	93.84	0.28
			2	1.896	2.058	92.13	0.36
	2437	MIMO	1	1.890	2.047	92.33	0.35
			2	1.890	2.048	92.29	0.35
	2462	MIMO	1	1.921	2.090	91.91	0.37
			2	1.891	2.059	91.84	0.37
802.11n(HT40)	2422	MIMO	1	0.916	1.072	85.45	0.68
			2	0.916	1.073	85.37	0.69
	2437	MIMO	1	0.917	1.073	85.46	0.68
			2	0.917	1.104	83.06	0.81
	2452	MIMO	1	0.916	1.064	86.09	0.65
			2	0.917	1.082	84.75	0.72

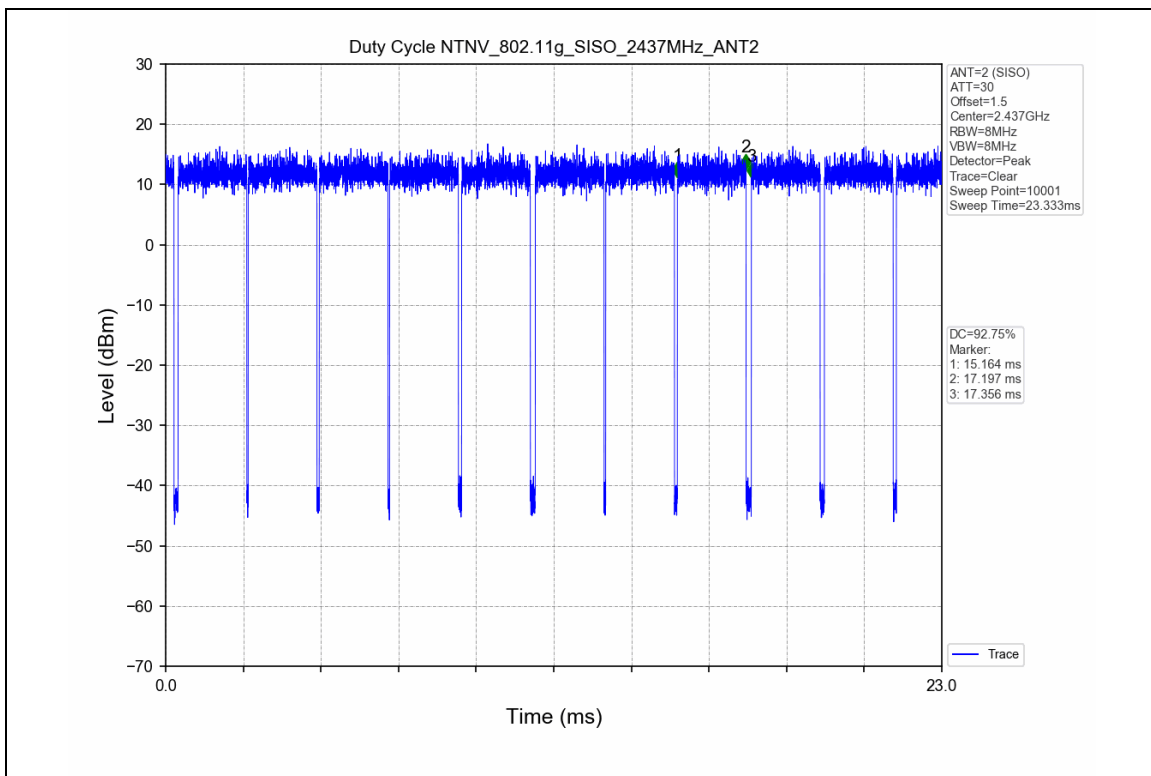
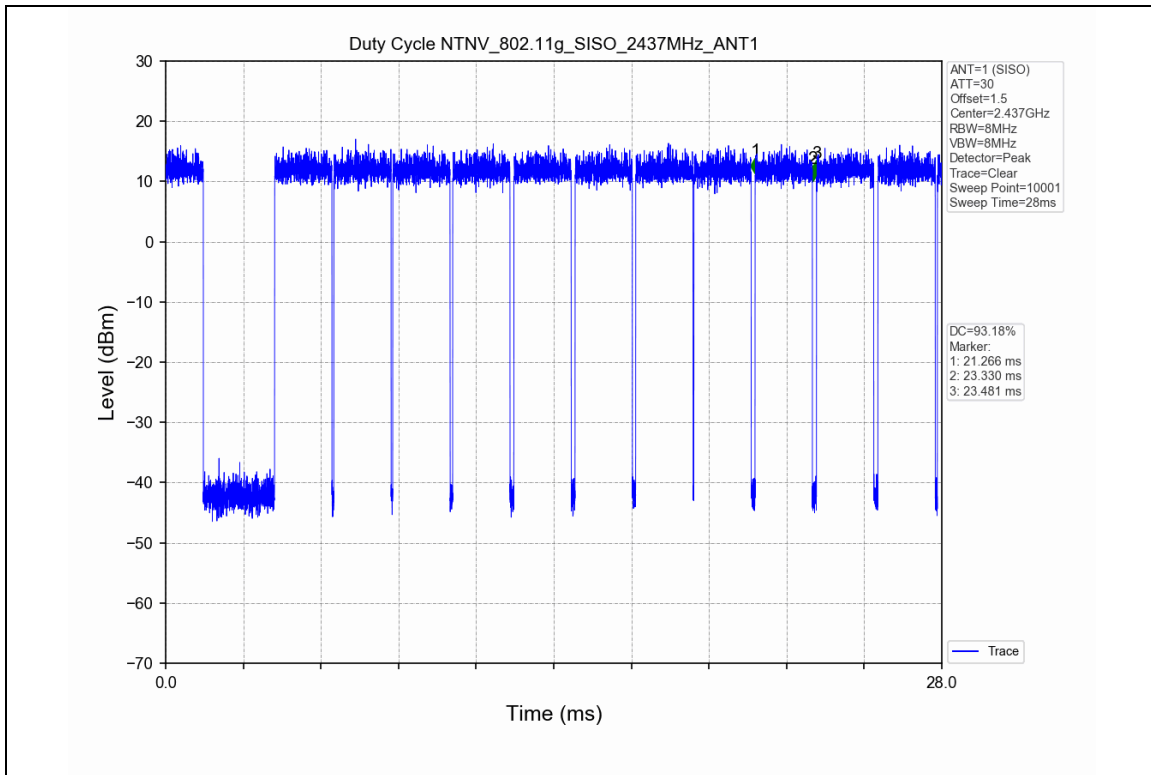
1.2 Test Graph

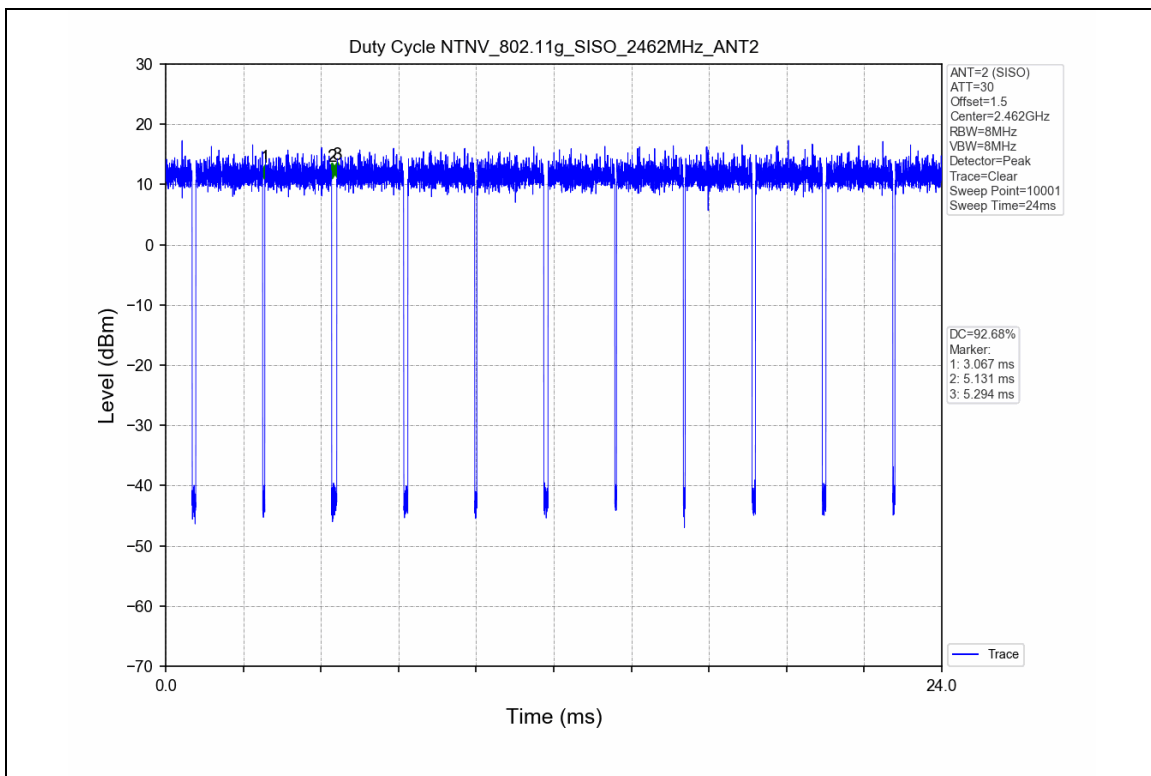
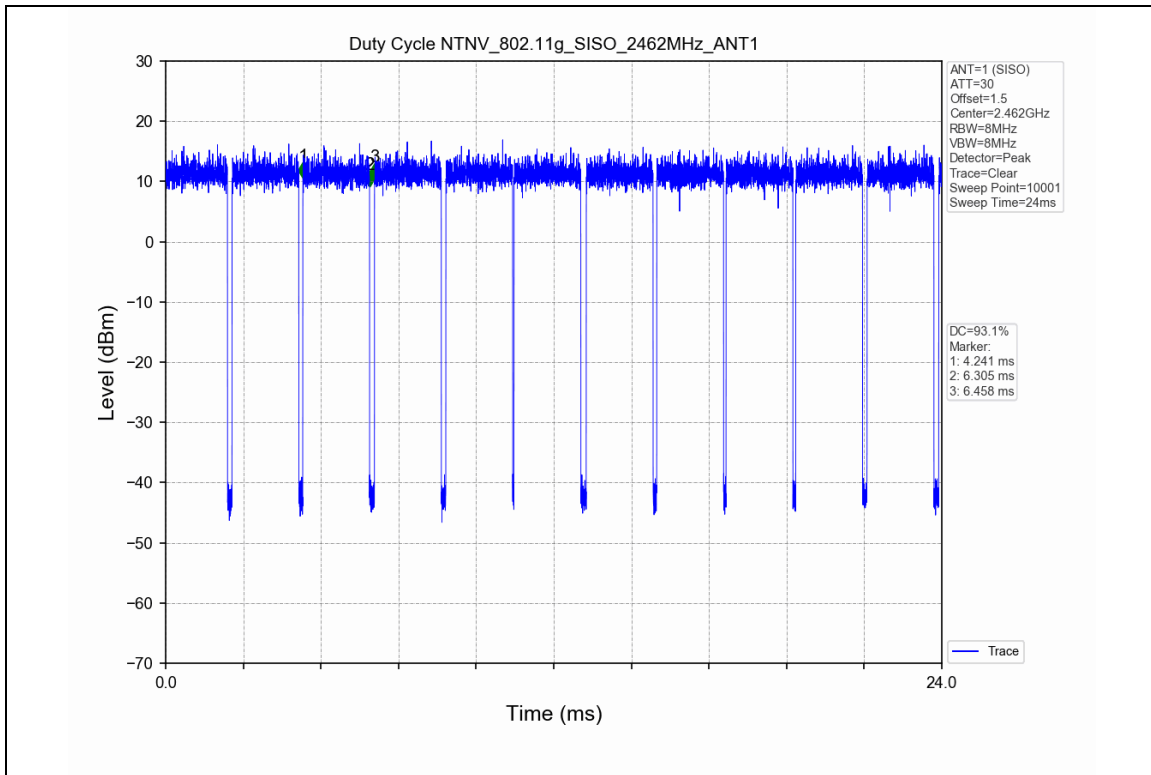


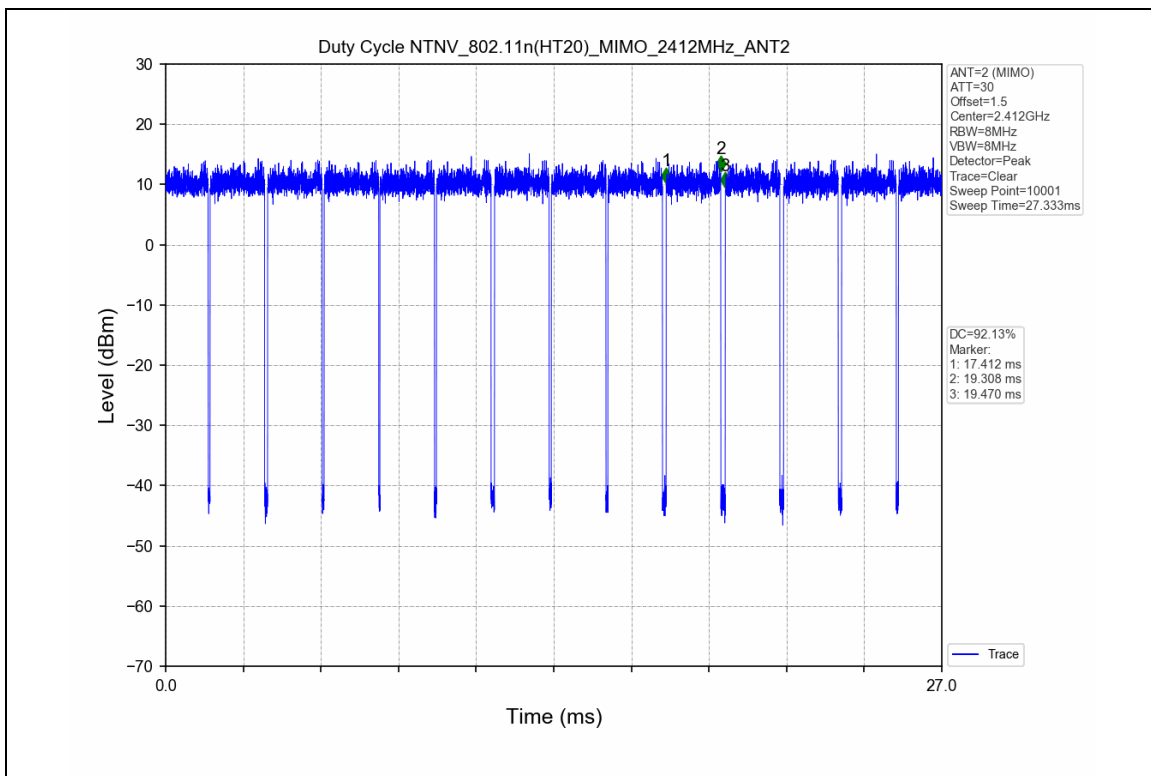
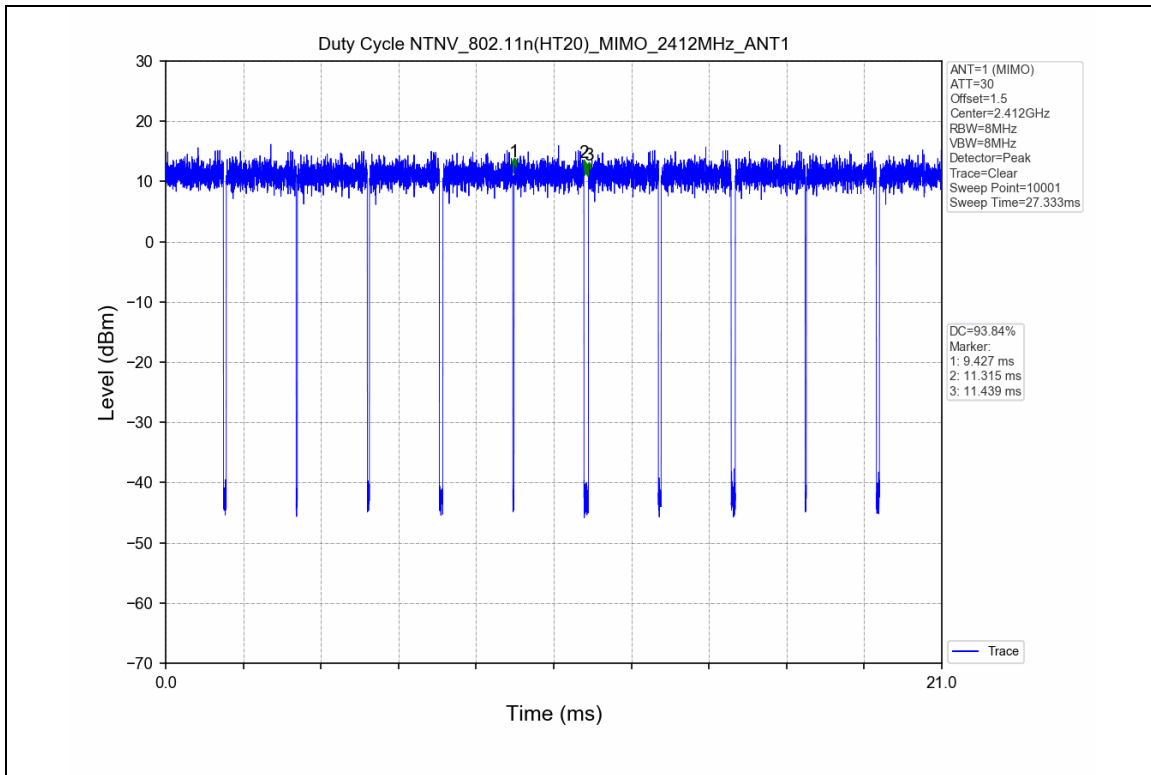


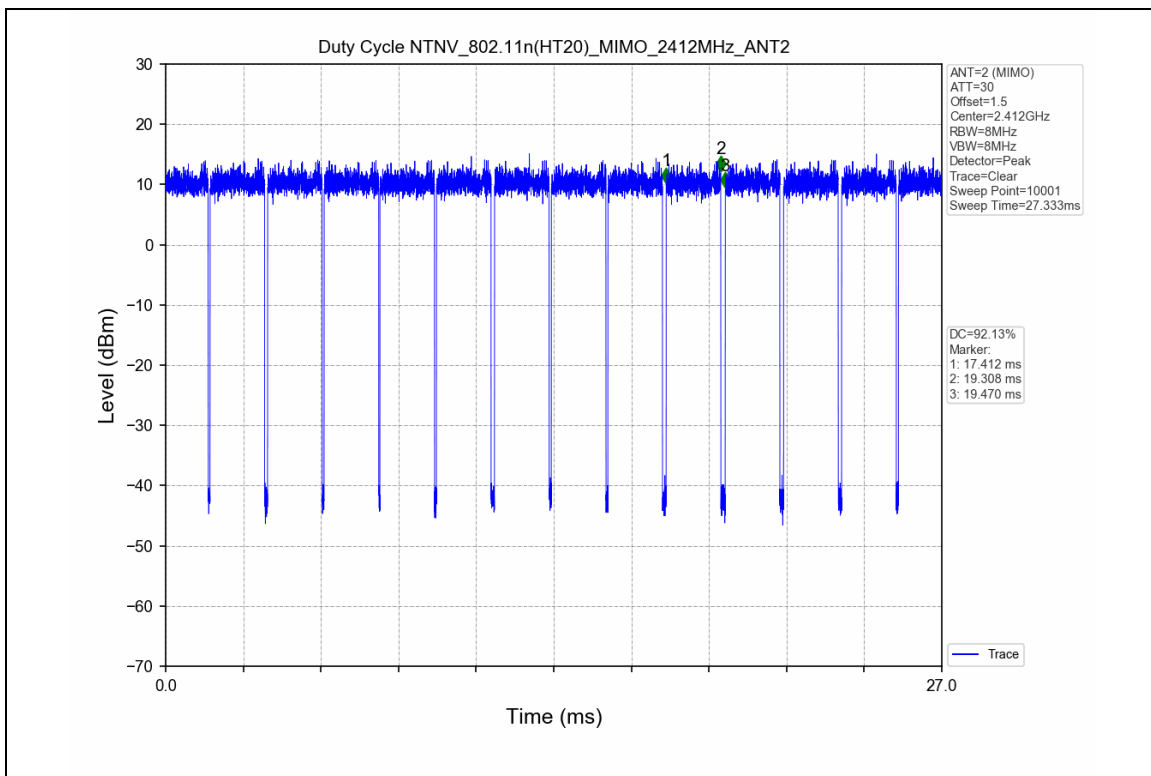
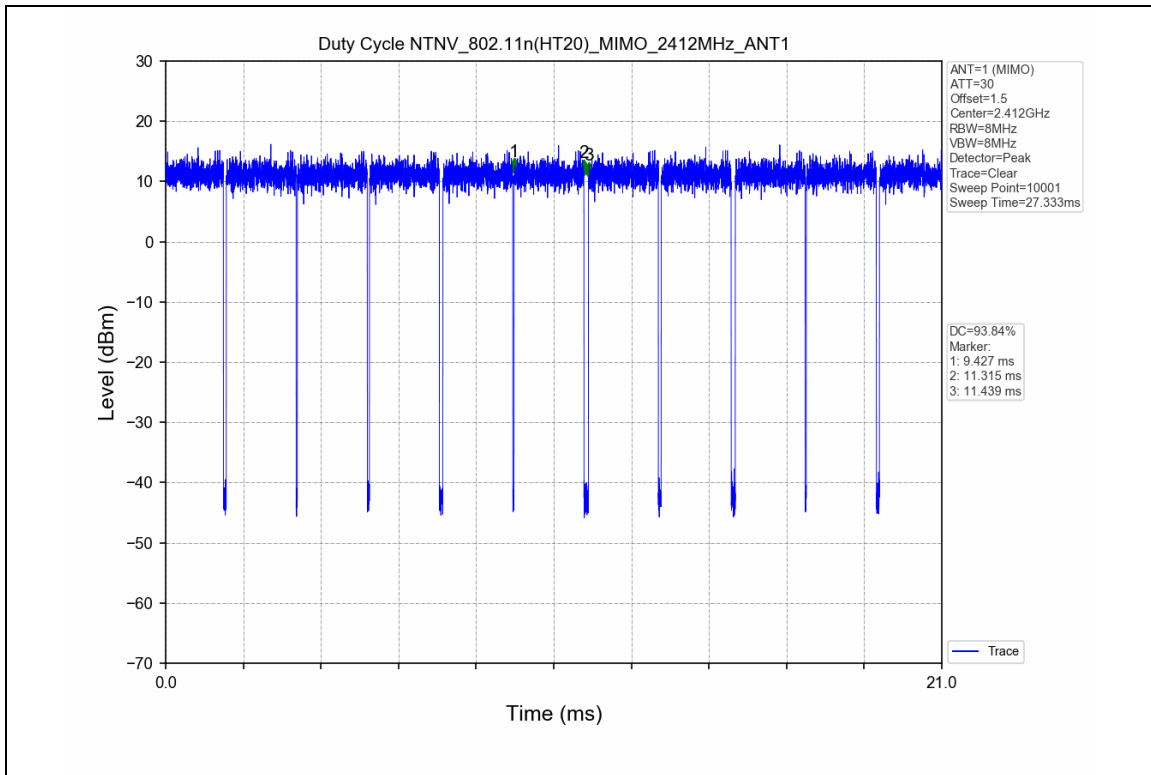


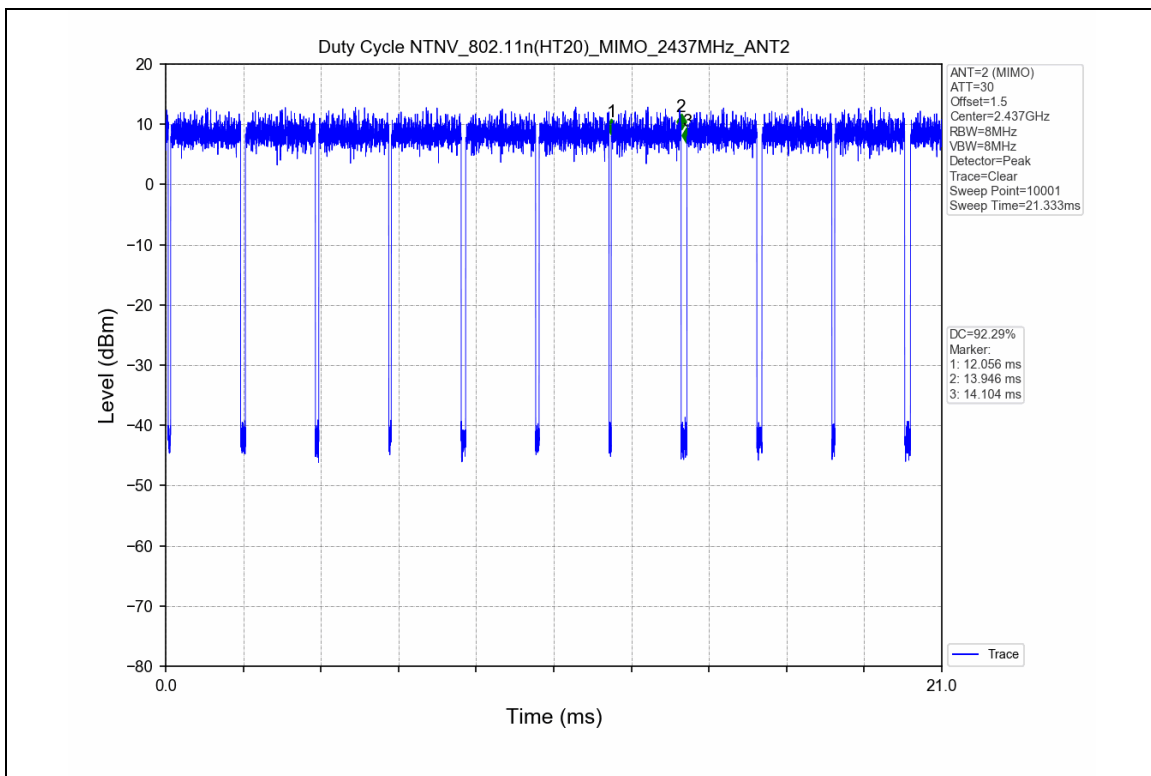
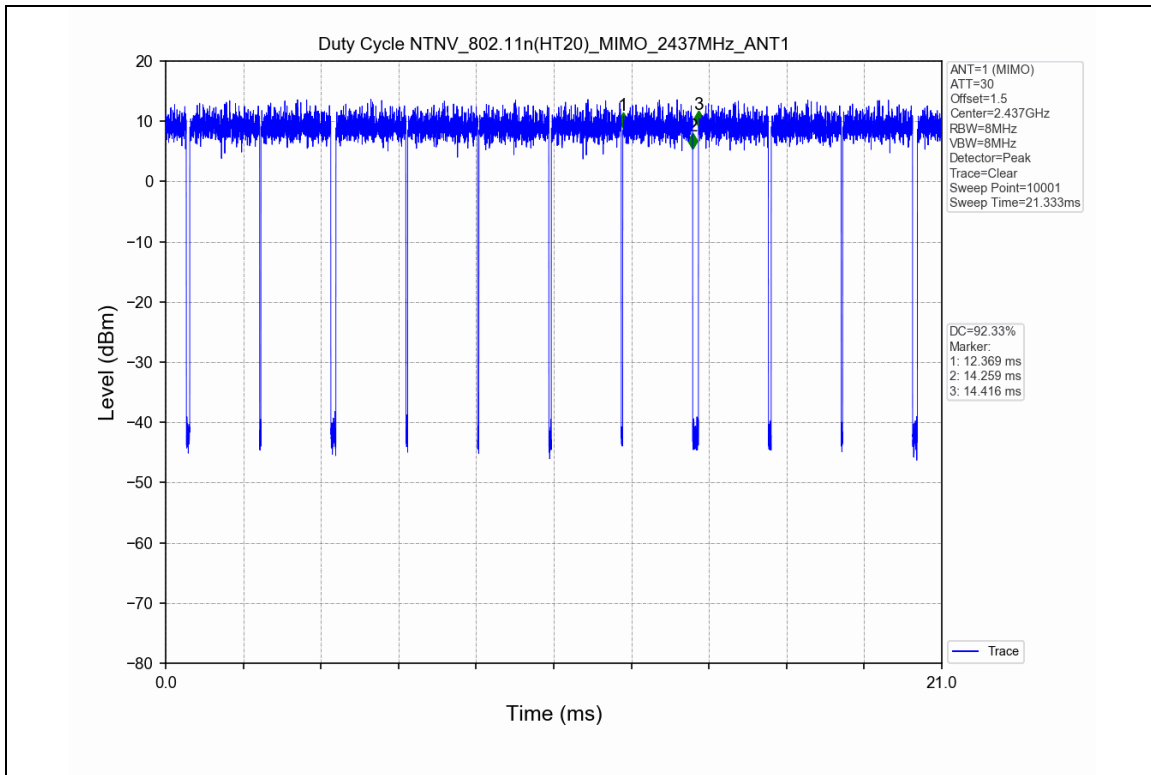


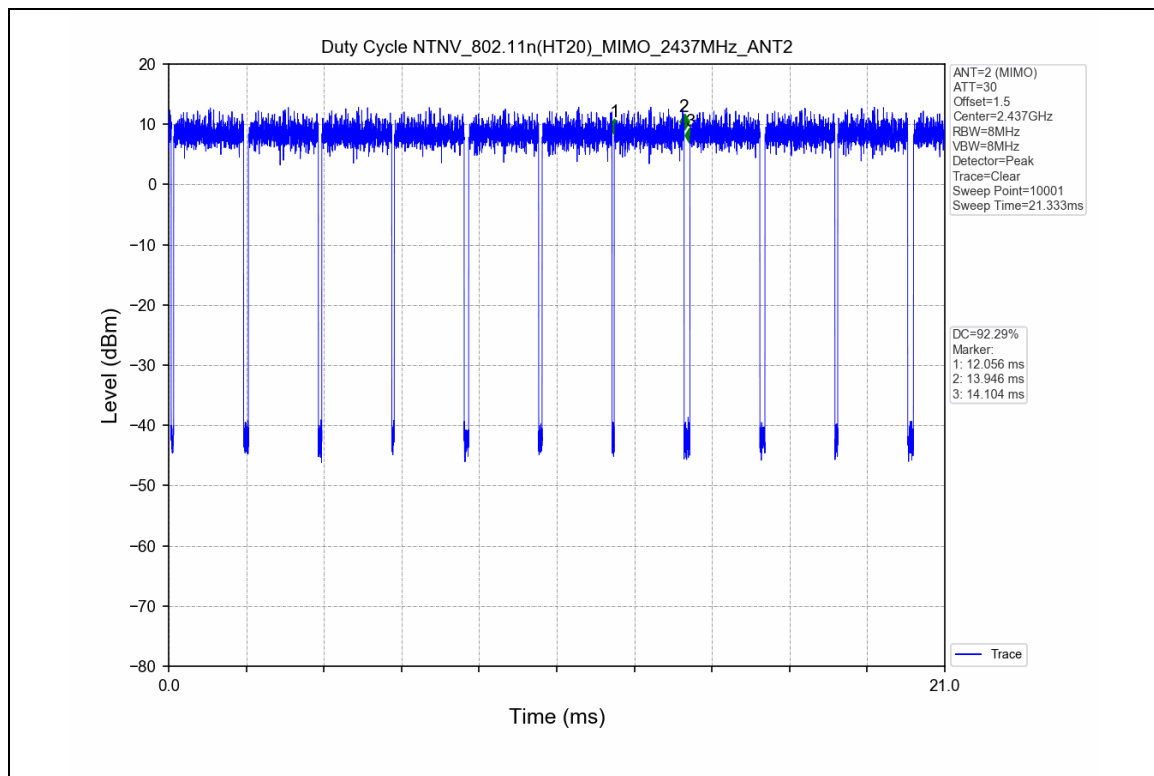
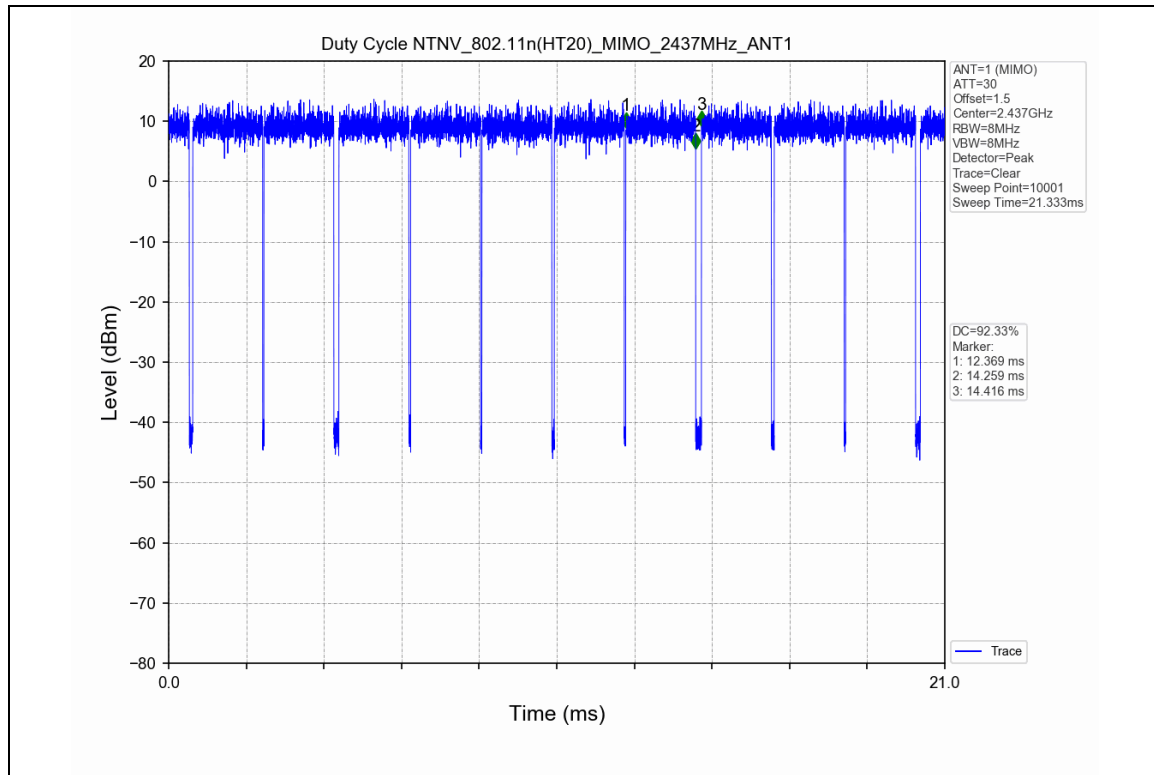


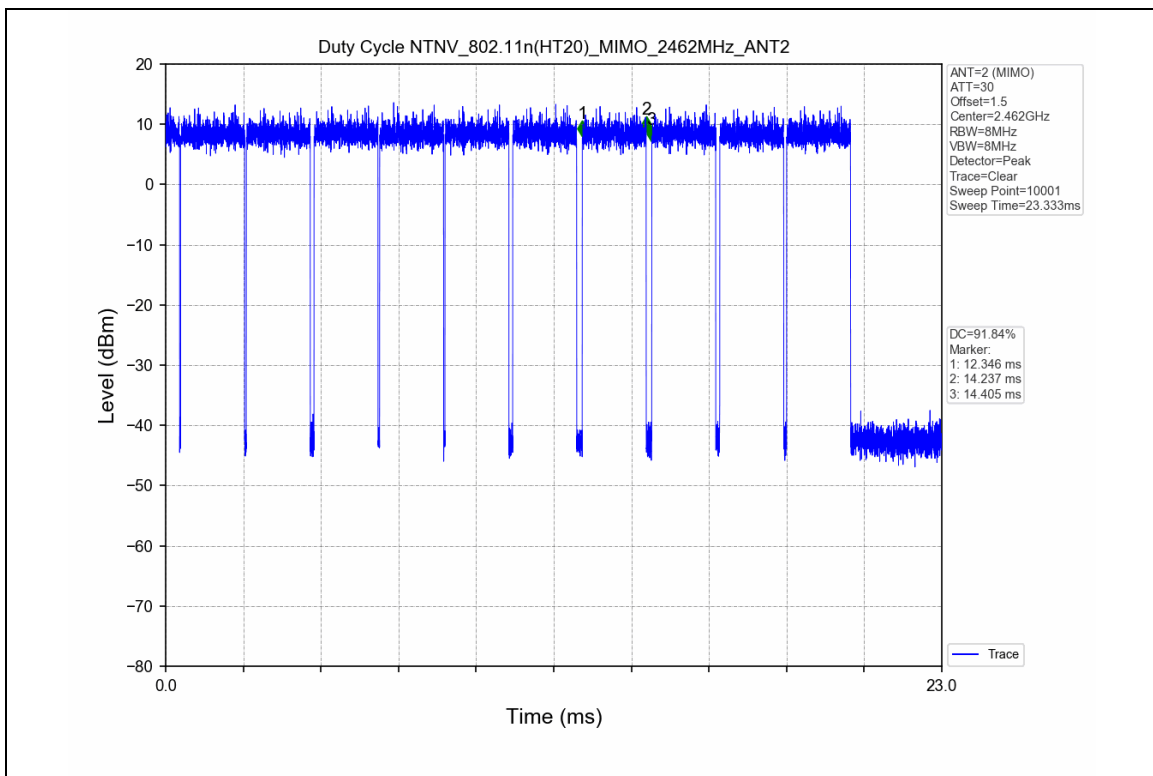
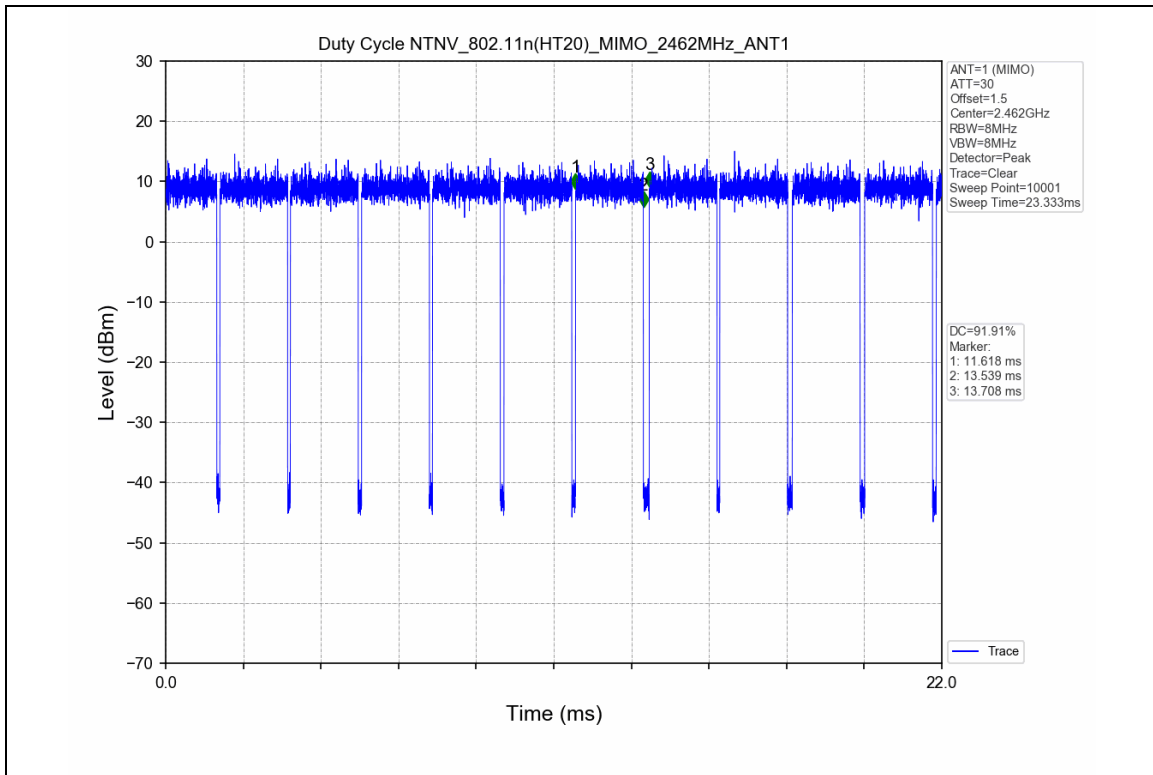


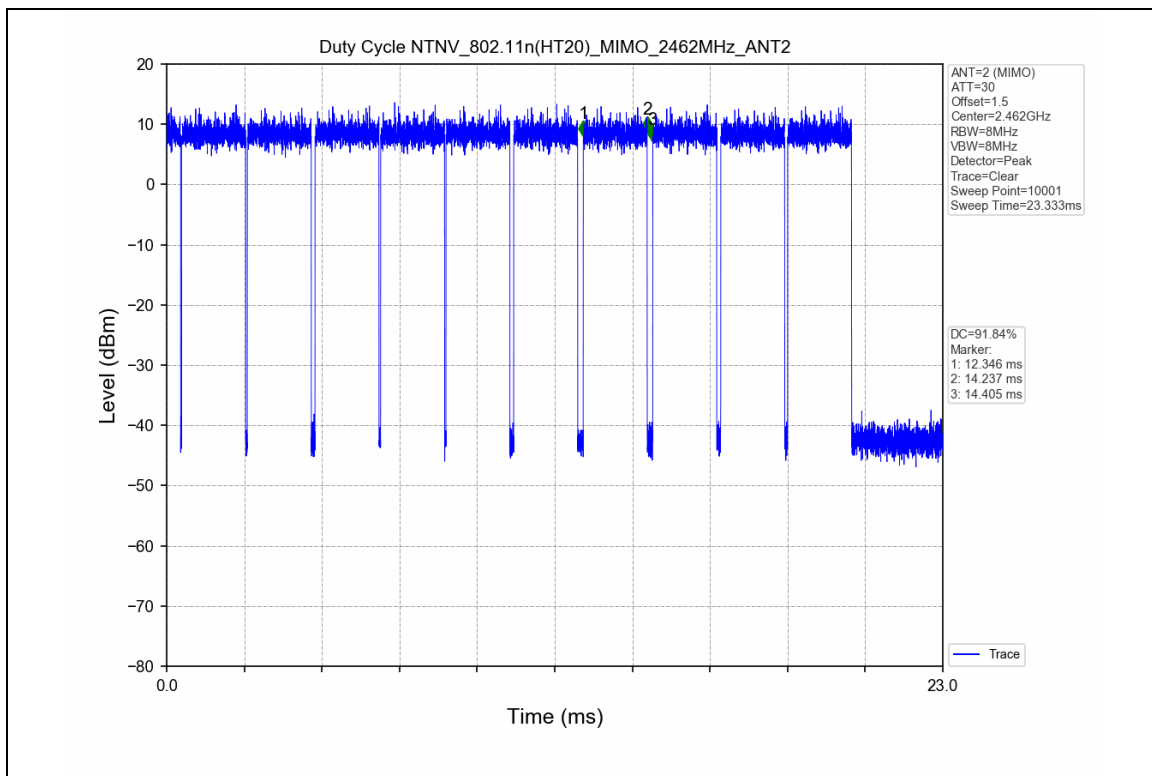
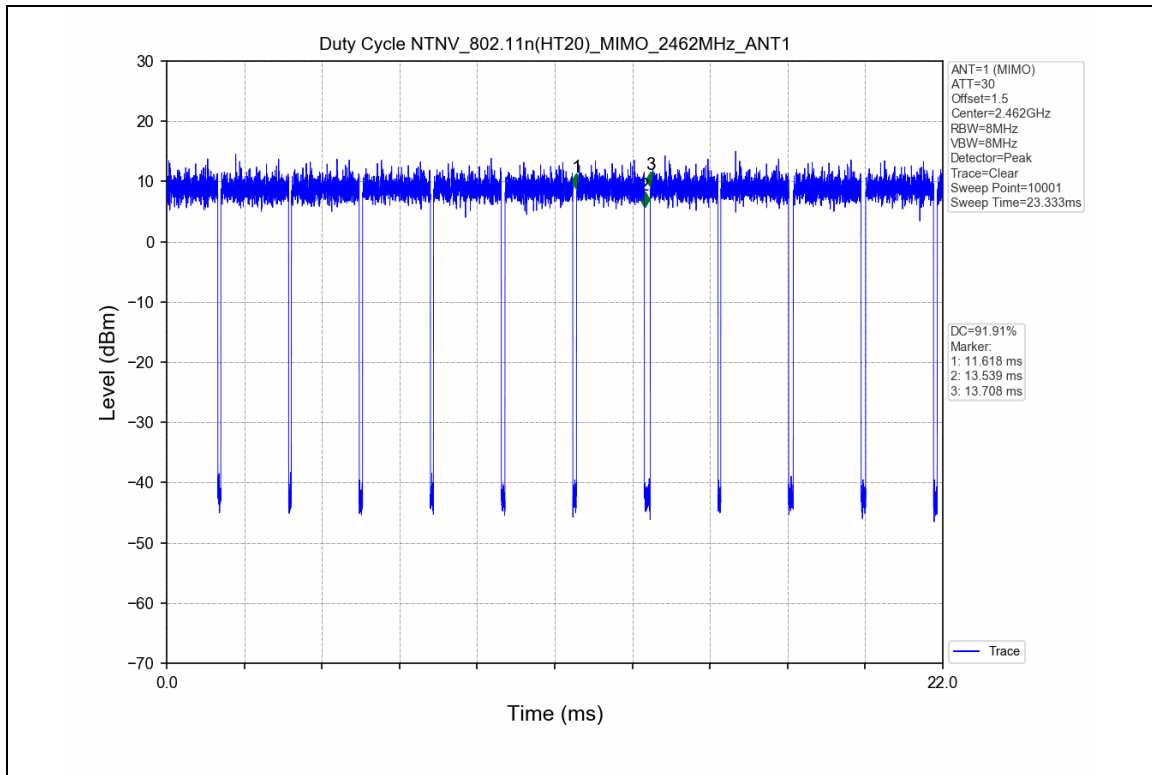


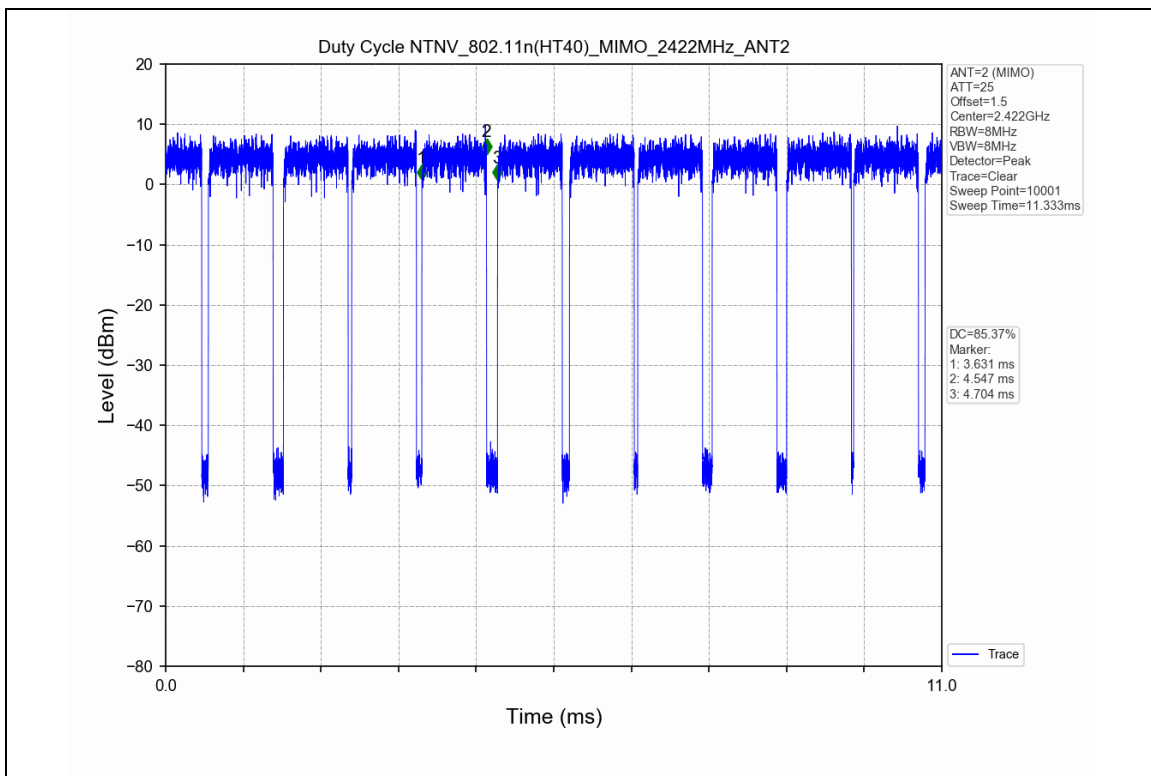
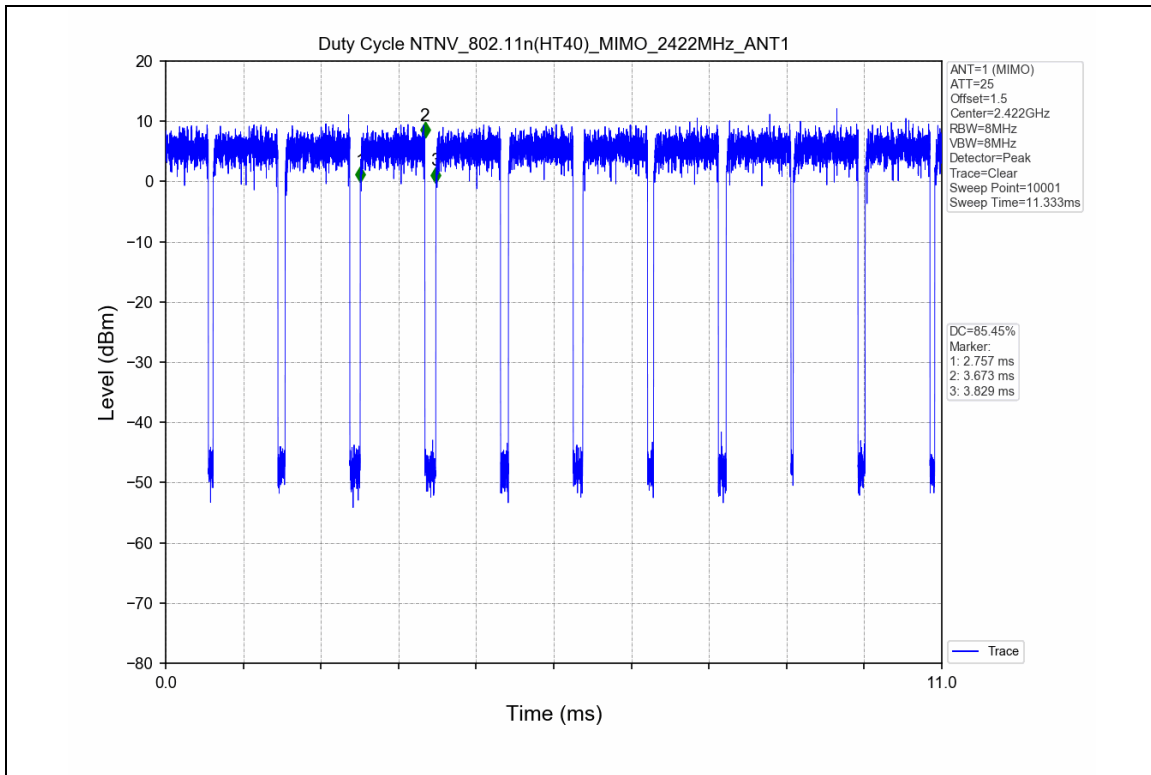


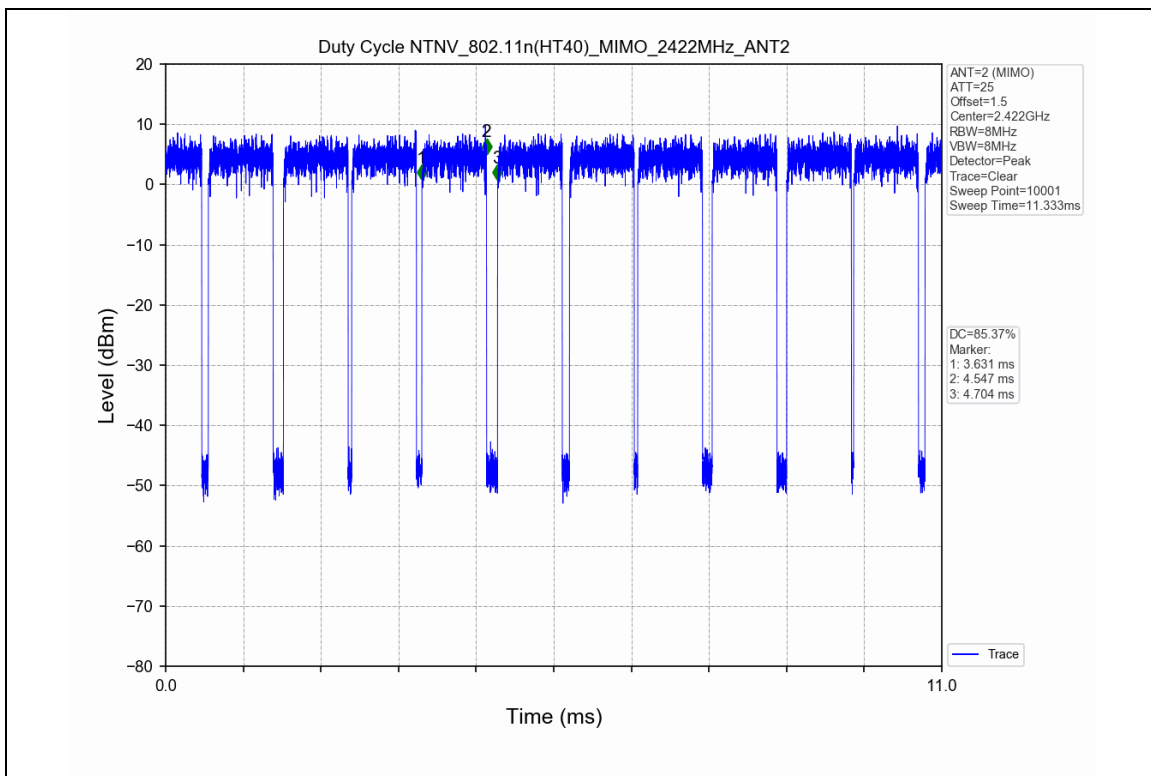
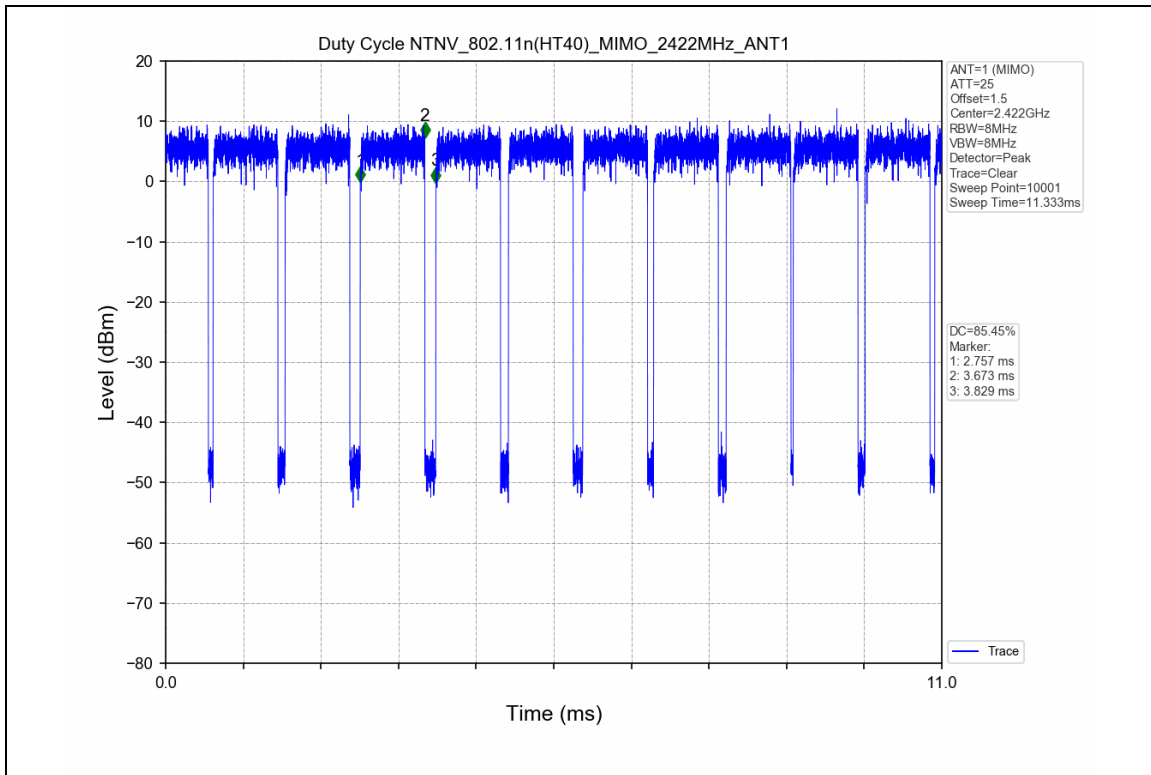


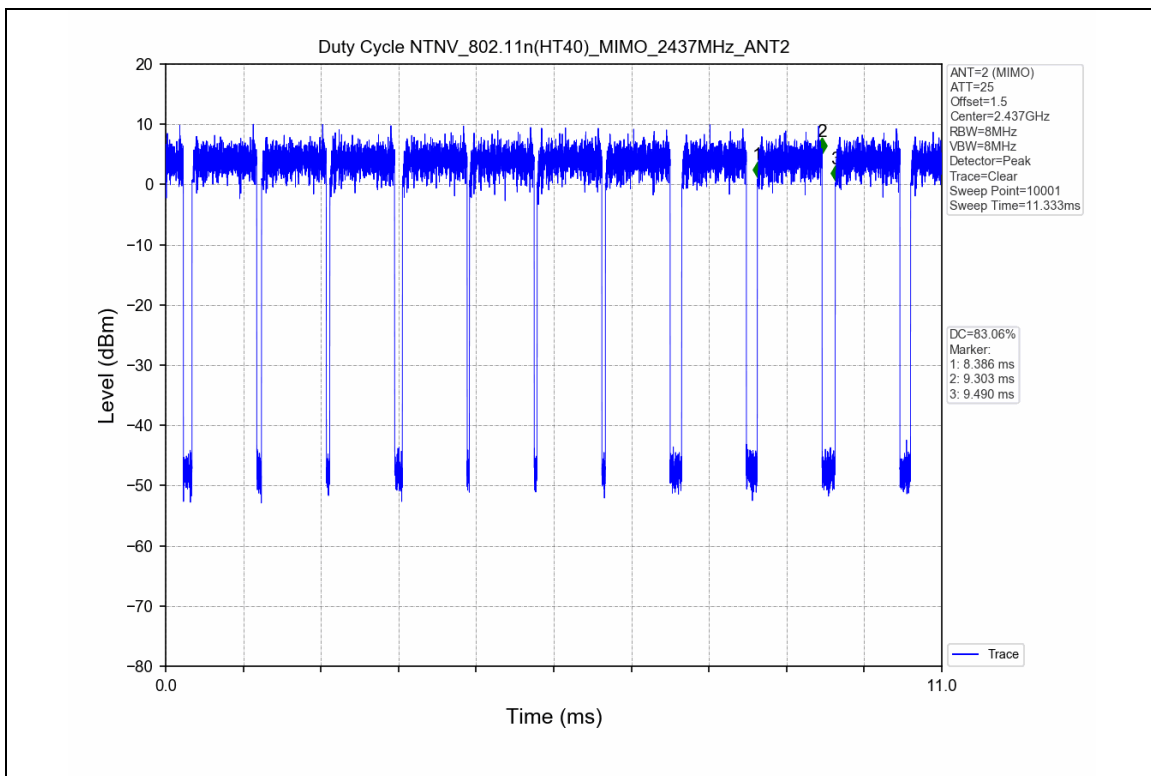
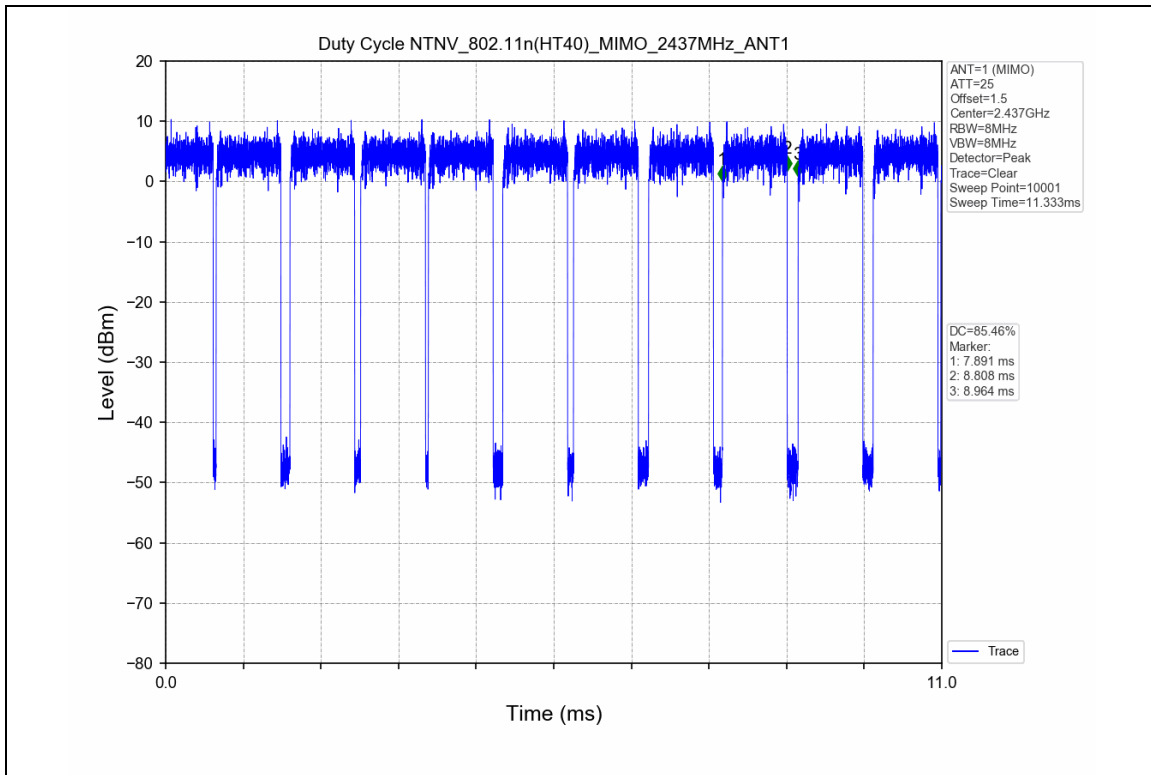


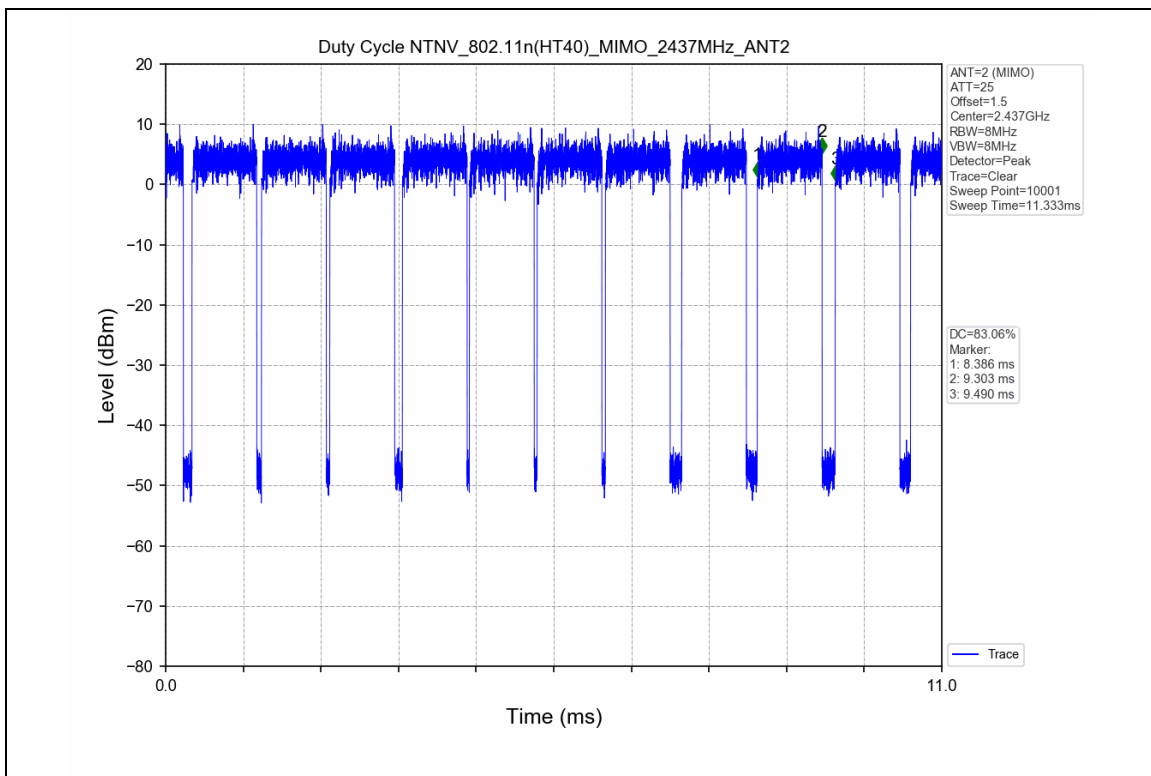
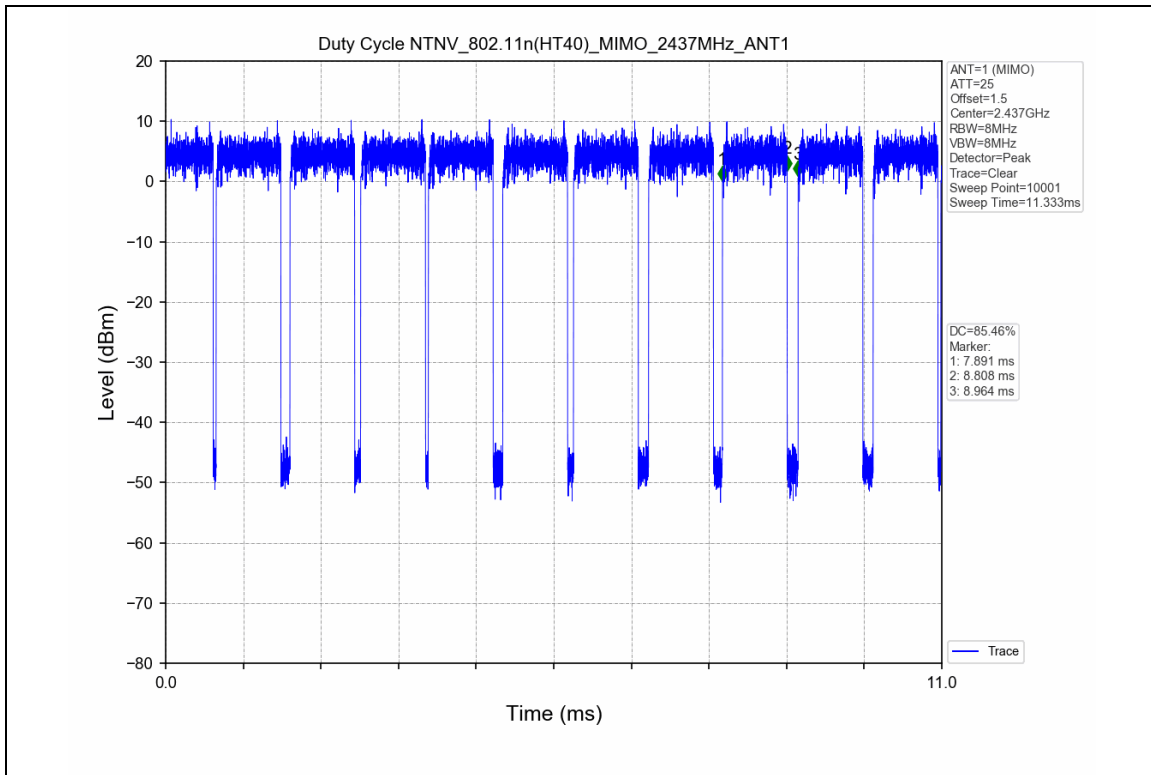


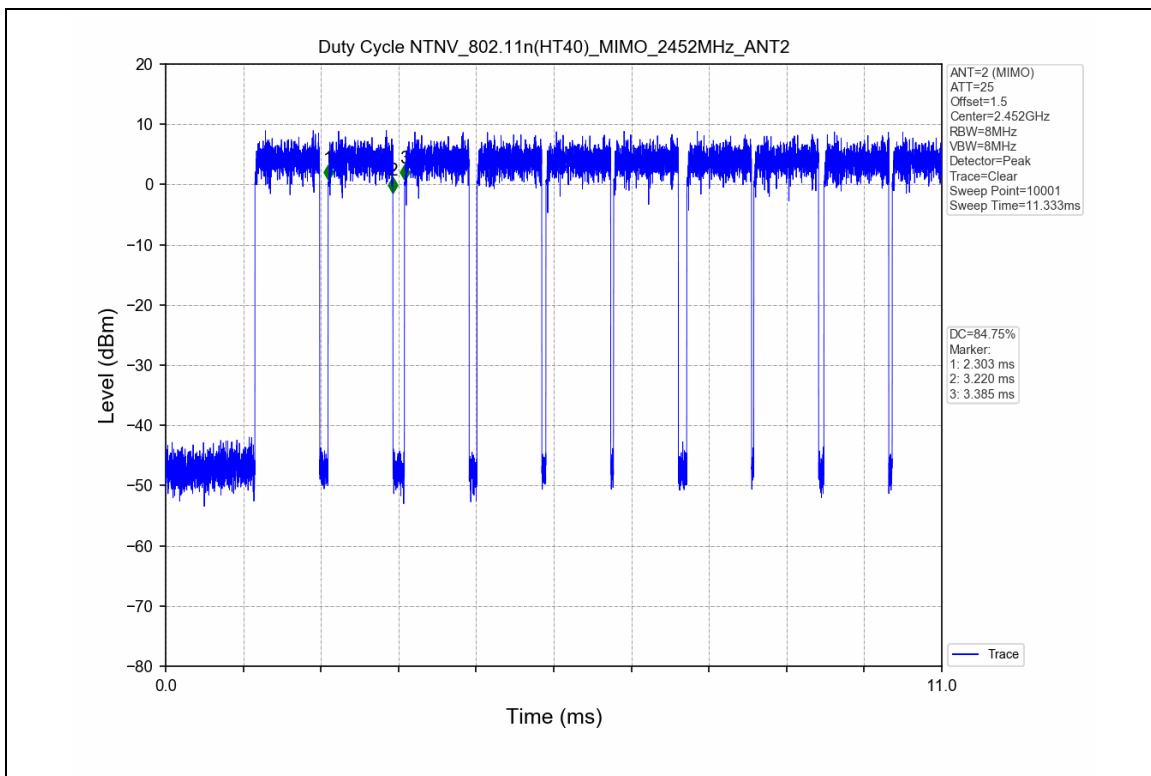
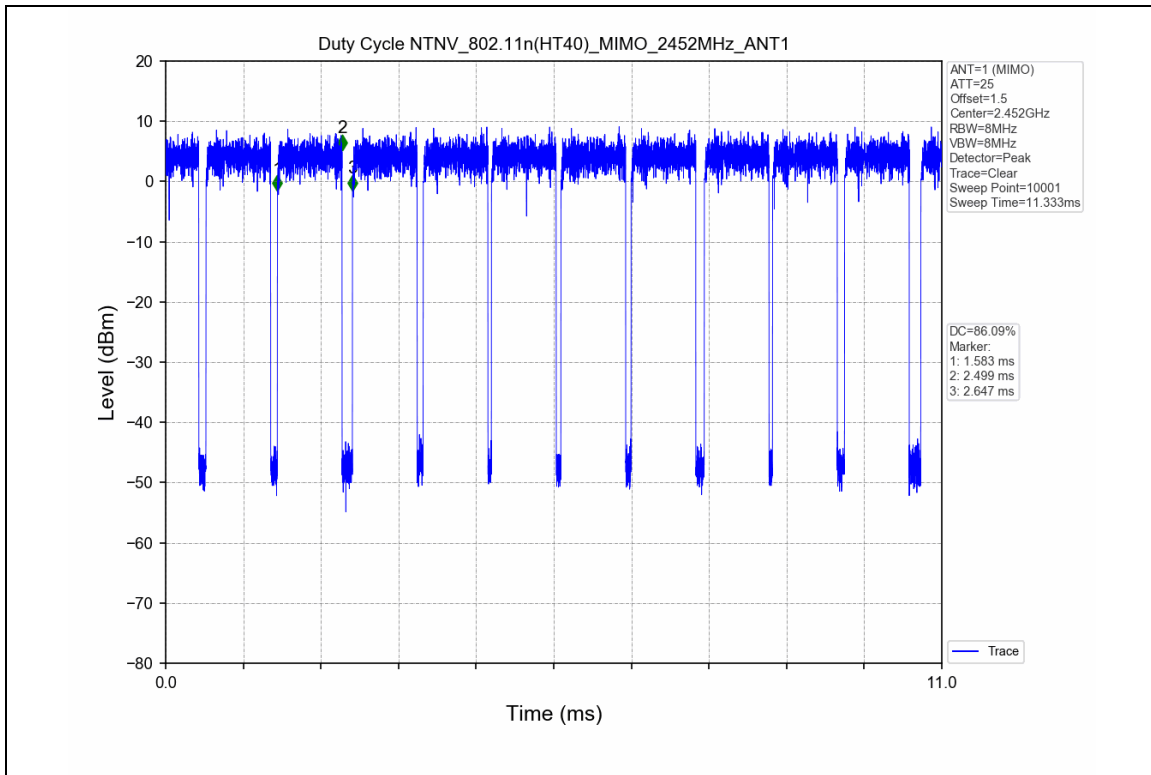


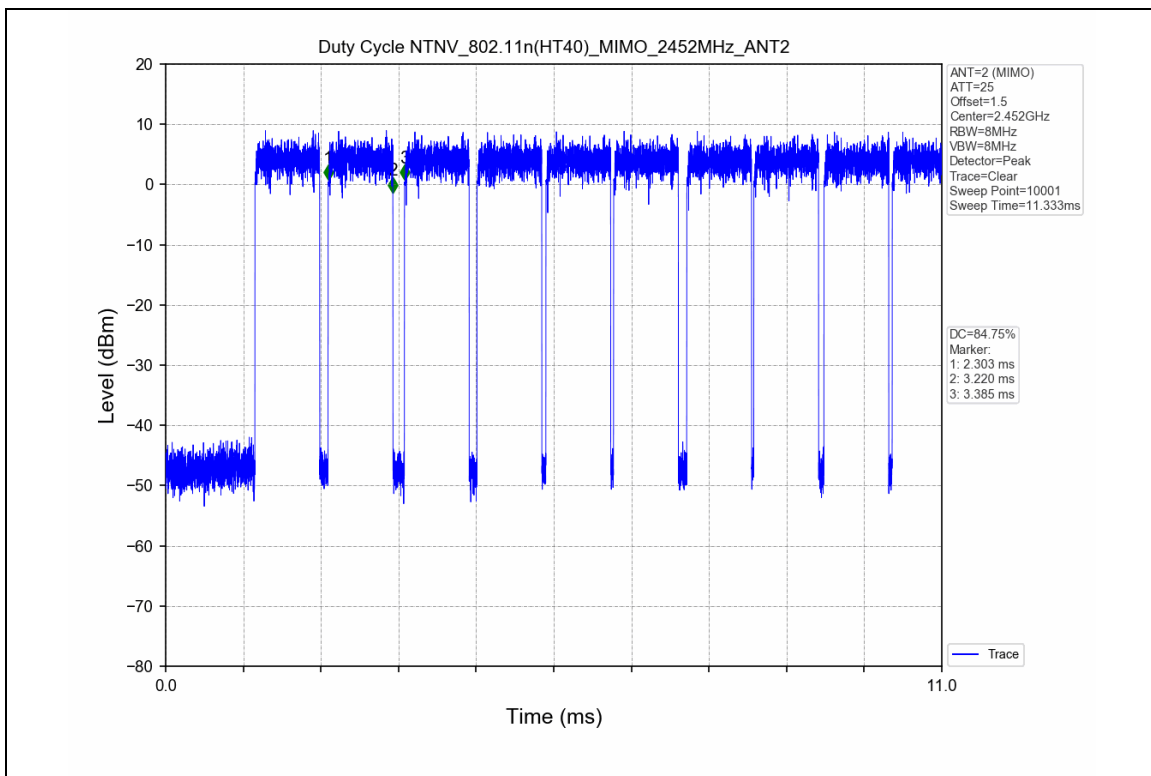
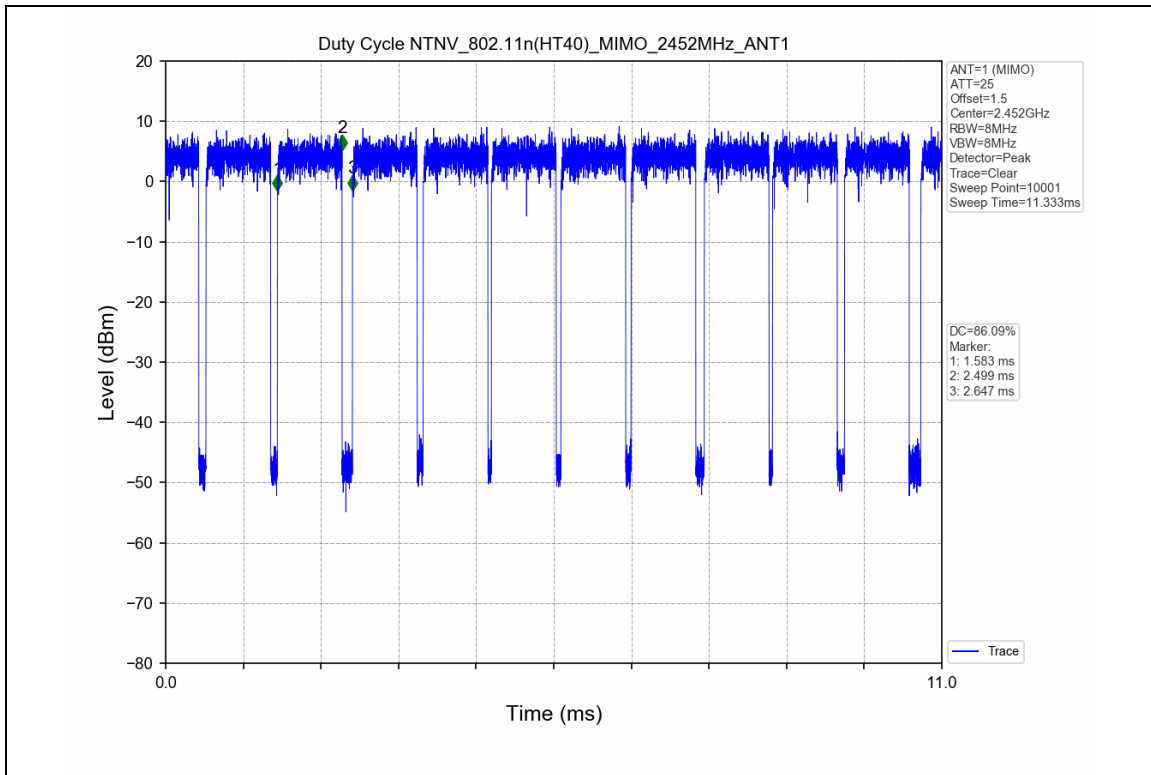














2. Bandwidth

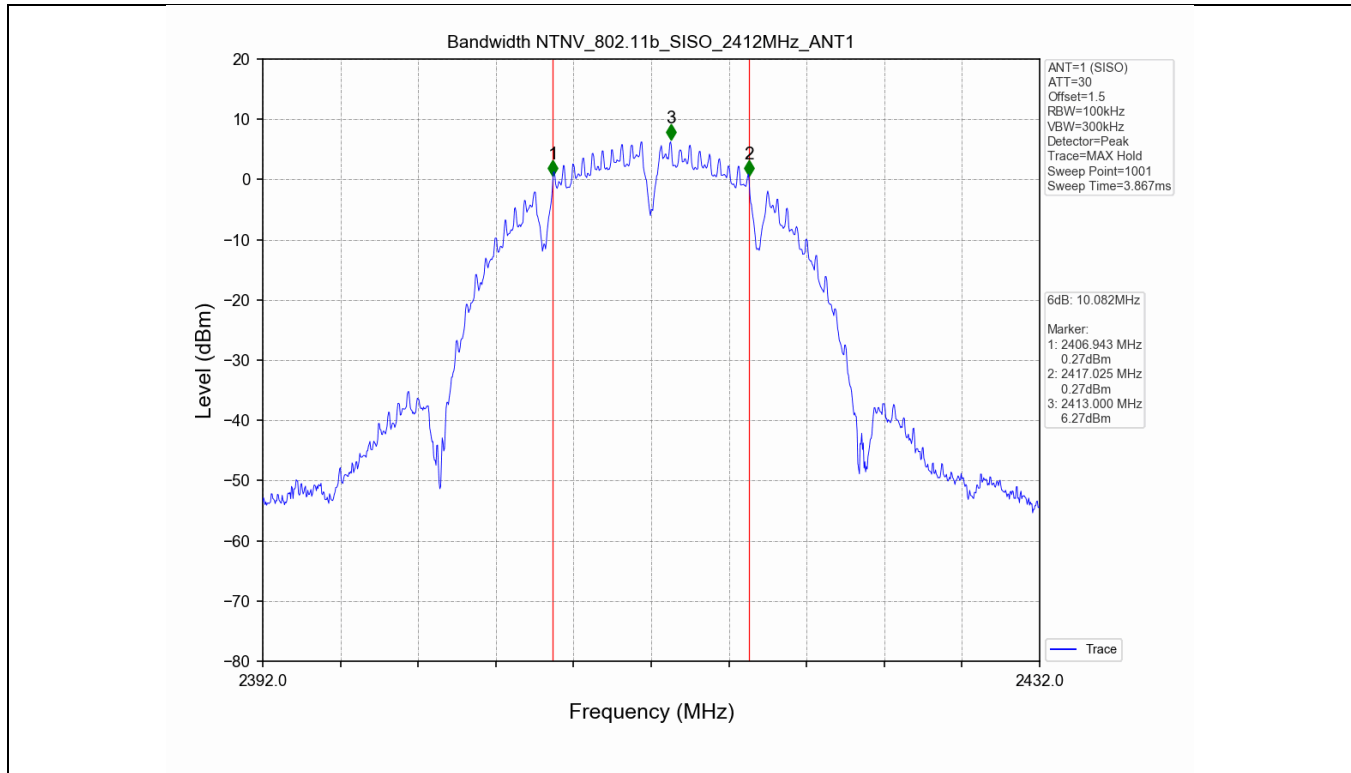
2.1 Test Result

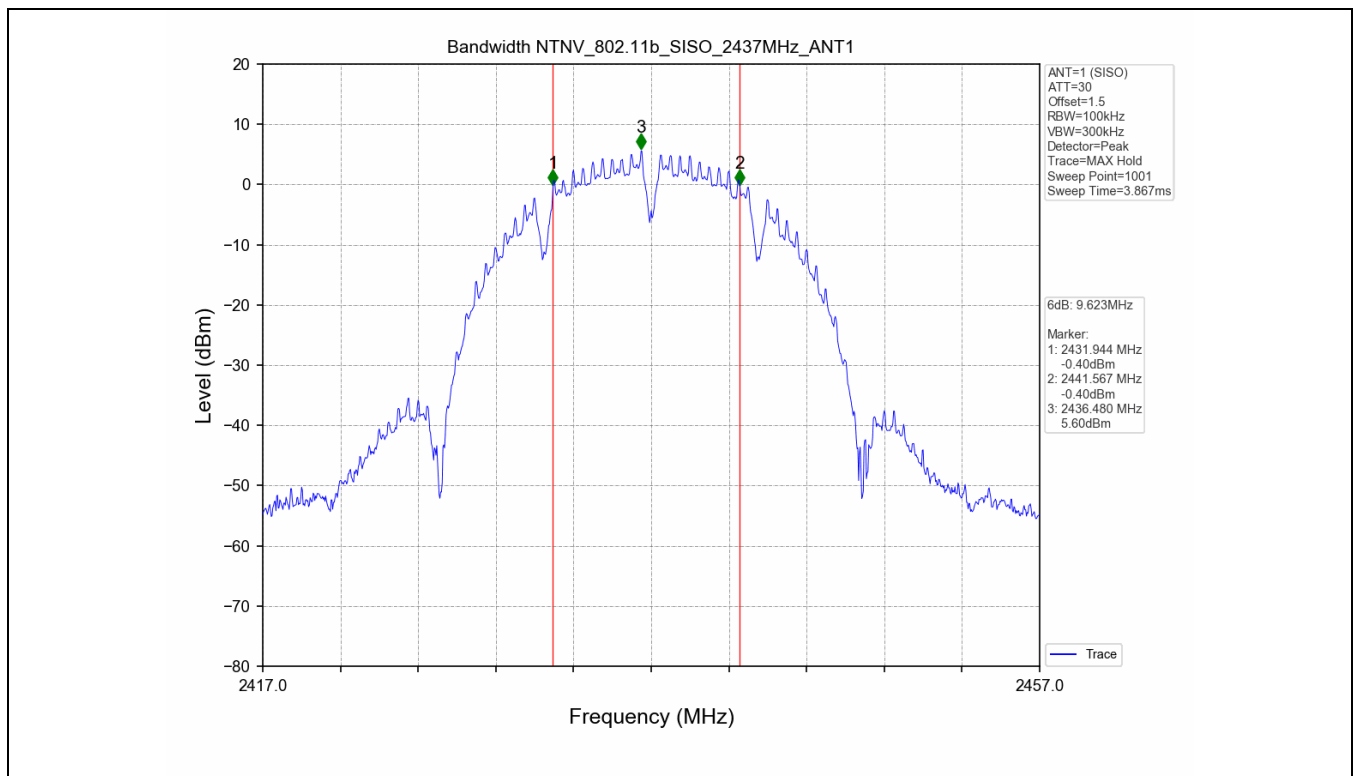
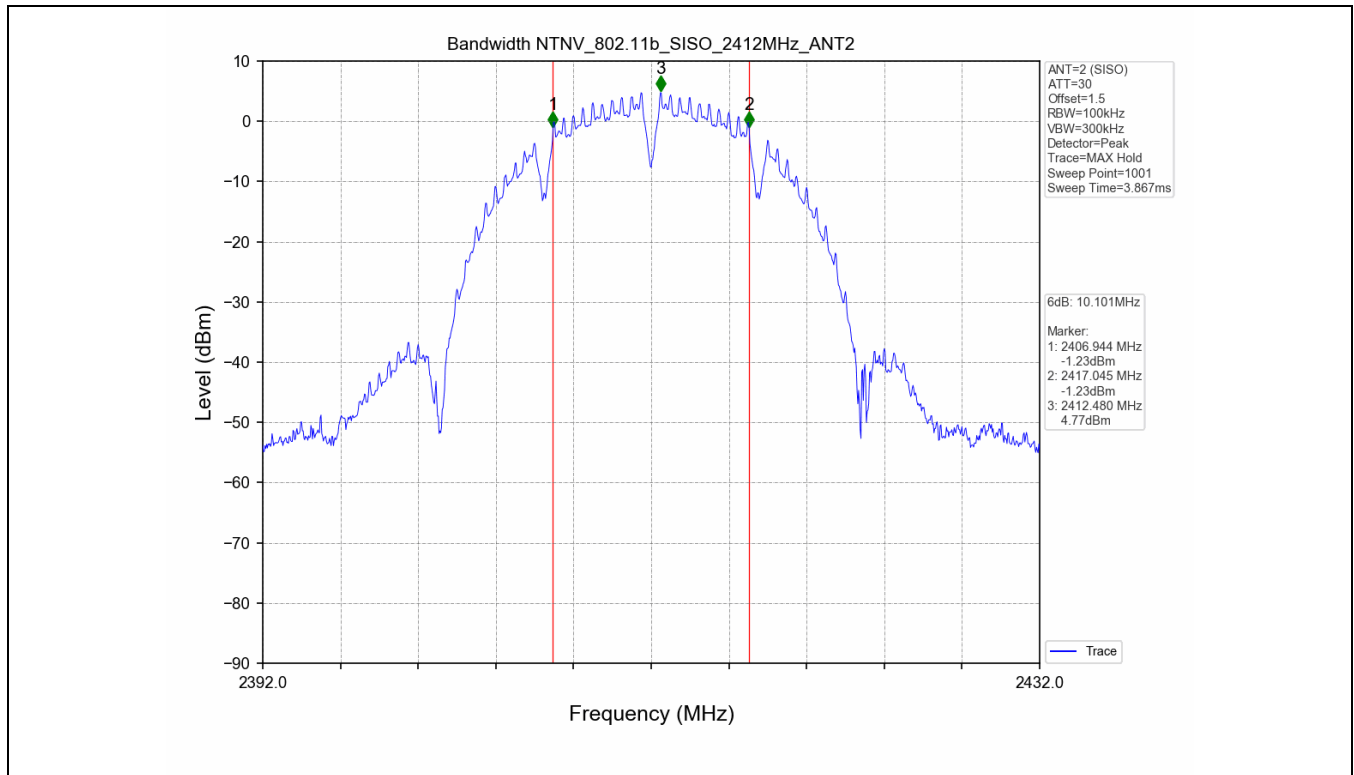
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	10.082	PASS
			2	10.101	PASS
	2437	SISO	1	9.623	PASS
			2	10.062	PASS
	2462	SISO	1	10.048	PASS
			2	10.095	PASS
802.11g	2412	SISO	1	16.395	PASS
			2	16.408	PASS
	2437	SISO	1	16.395	PASS
			2	16.397	PASS
	2462	SISO	1	16.389	PASS
			2	16.377	PASS
802.11n(HT20)	2412	MIMO	1	17.598	PASS
			2	17.600	PASS
	2437	MIMO	1	17.581	PASS
			2	17.594	PASS
	2462	MIMO	1	17.589	PASS
			2	17.580	PASS
802.11n(HT40)	2422	MIMO	1	36.120	PASS
			2	36.100	PASS
	2437	MIMO	1	35.999	PASS
			2	35.831	PASS
	2452	MIMO	1	36.123	PASS
			2	36.333	PASS

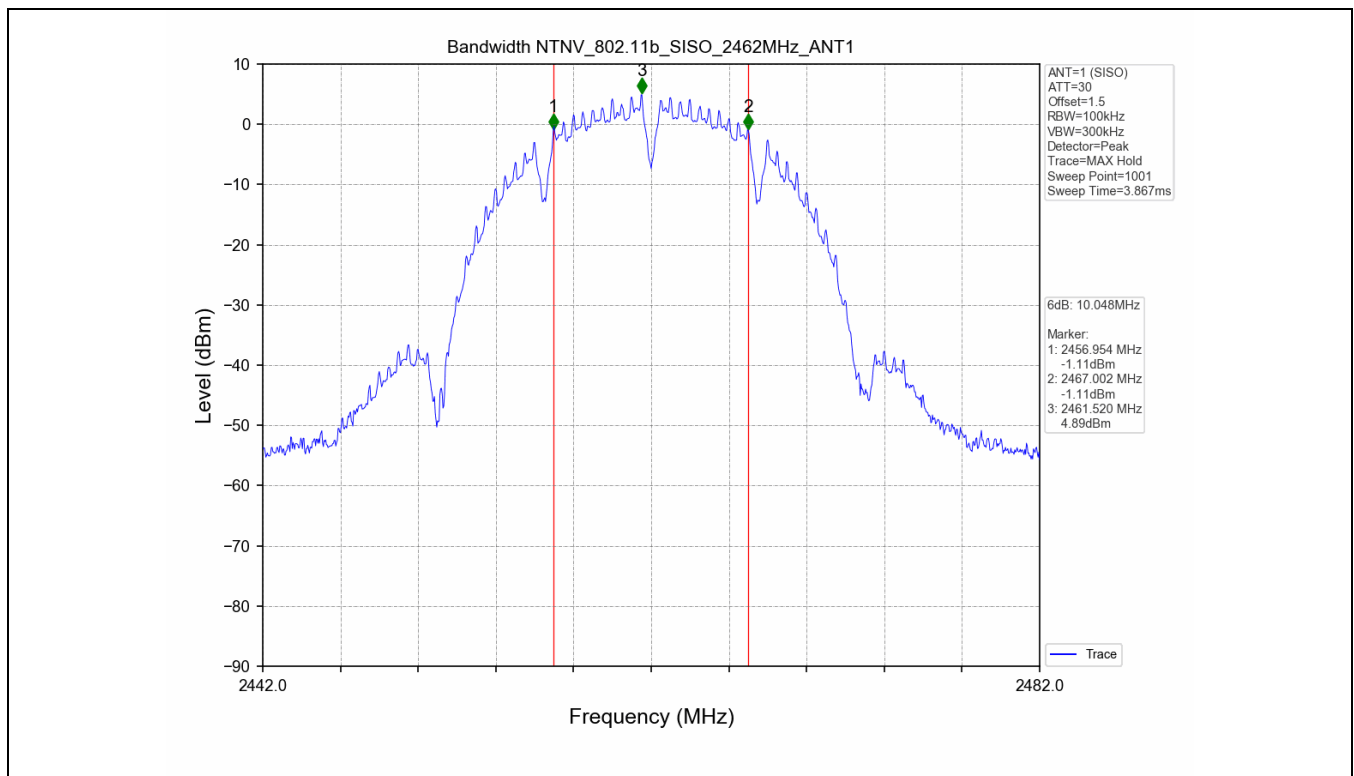
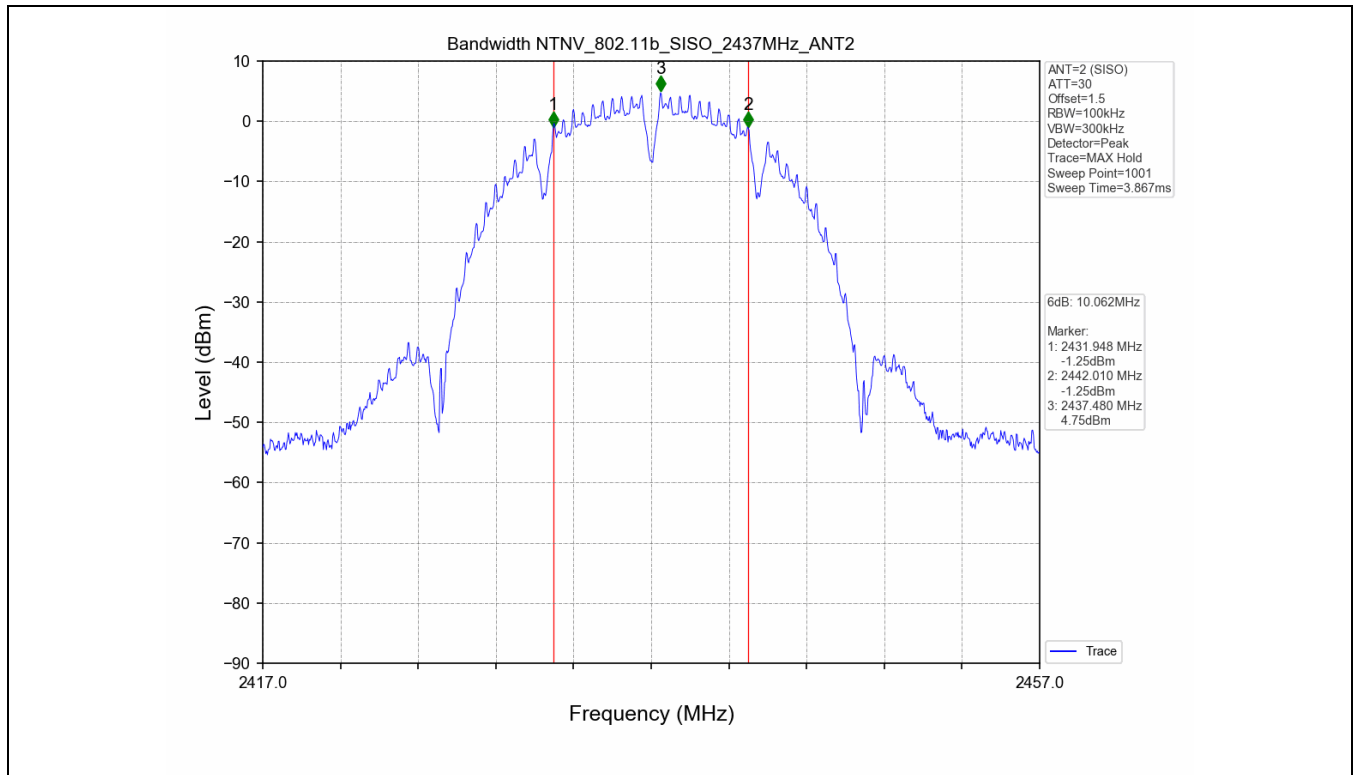
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.970	Only for Report Use
			2	15.025	Only for Report Use
	2437	SISO	1	14.990	Only for Report Use
			2	14.972	Only for Report Use
	2462	SISO	1	15.014	Only for Report Use
			2	15.016	Only for Report Use
802.11g	2412	SISO	1	16.805	Only for Report Use
			2	16.843	Only for Report Use
	2437	SISO	1	16.775	Only for Report Use
			2	16.788	Only for Report Use
	2462	SISO	1	16.859	Only for Report Use
			2	16.771	Only for Report Use
802.11n(HT20)	2412	MIMO	1	17.810	Only for Report Use
			2	17.851	Only for Report Use
	2437	MIMO	1	17.817	Only for Report Use
			2	17.852	Only for Report Use
	2462	MIMO	1	17.835	Only for Report Use
			2	17.794	Only for Report Use
802.11n(HT40)	2422	MIMO	1	36.085	Only for Report Use
			2	36.170	Only for Report Use
	2437	MIMO	1	36.139	Only for Report Use
			2	36.168	Only for Report Use

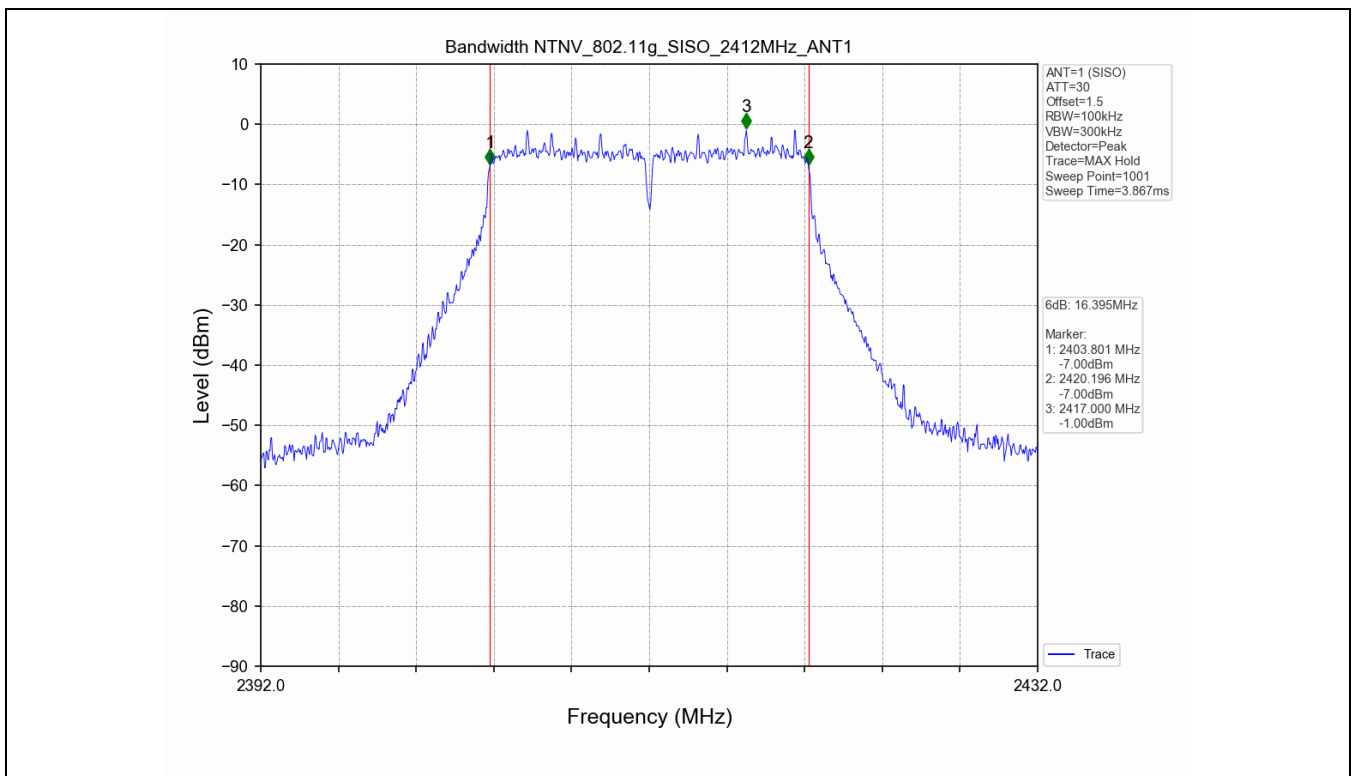
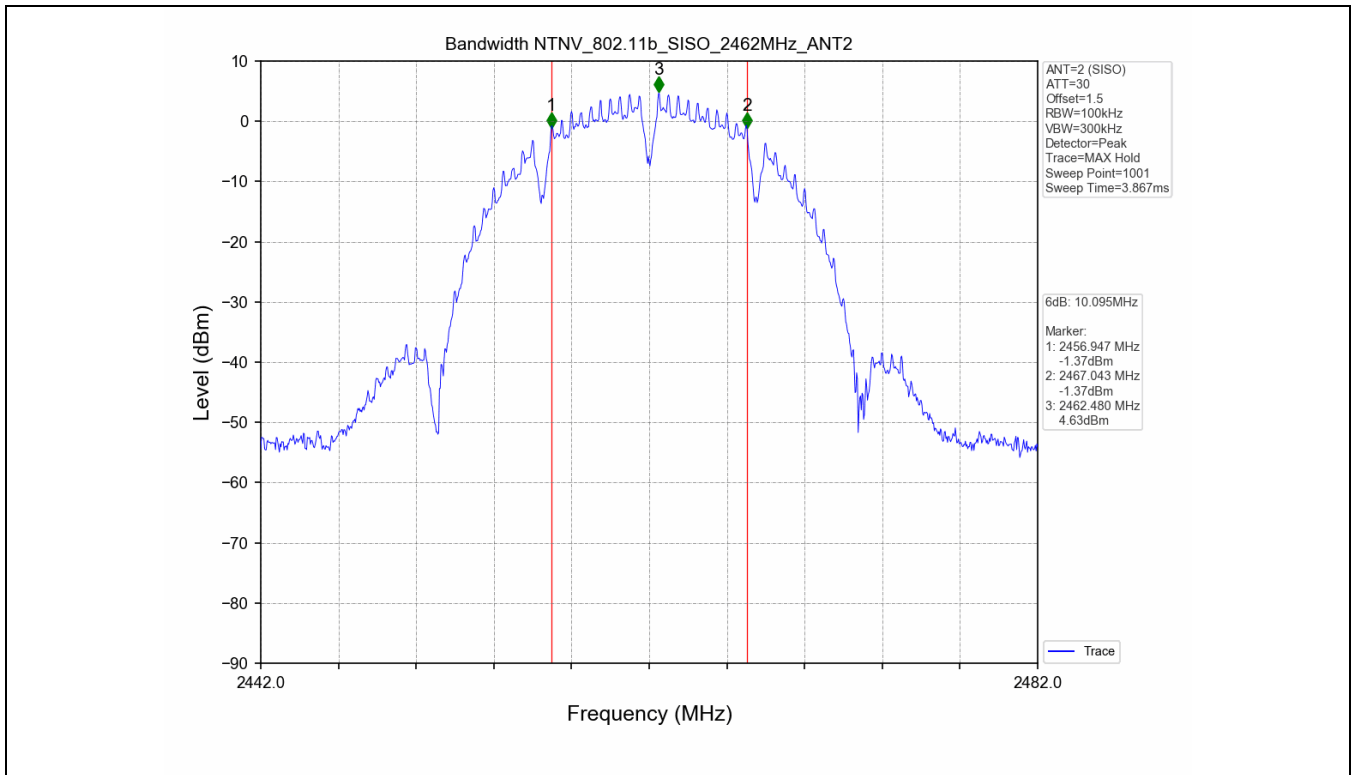
	2452	MIMO	1	36.196	Only for Report Use
			2	36.216	Only for Report Use

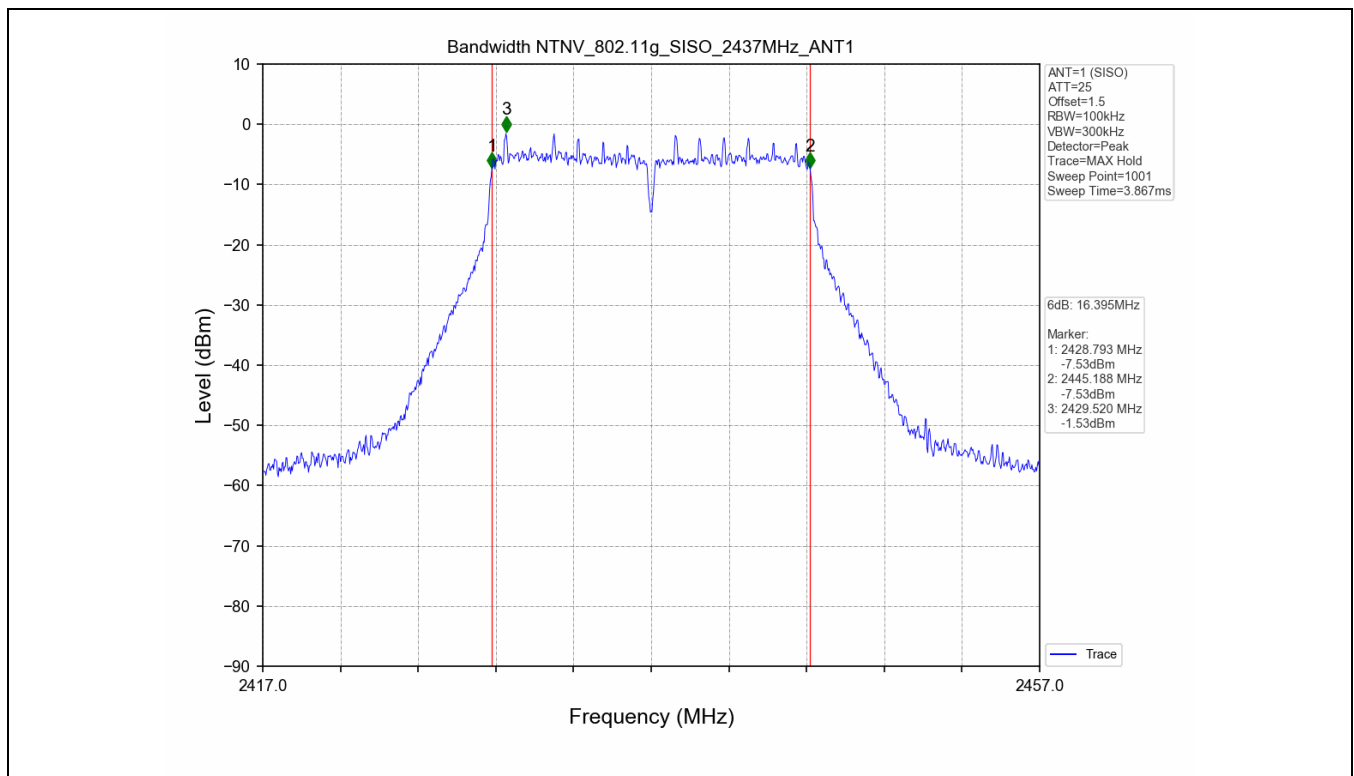
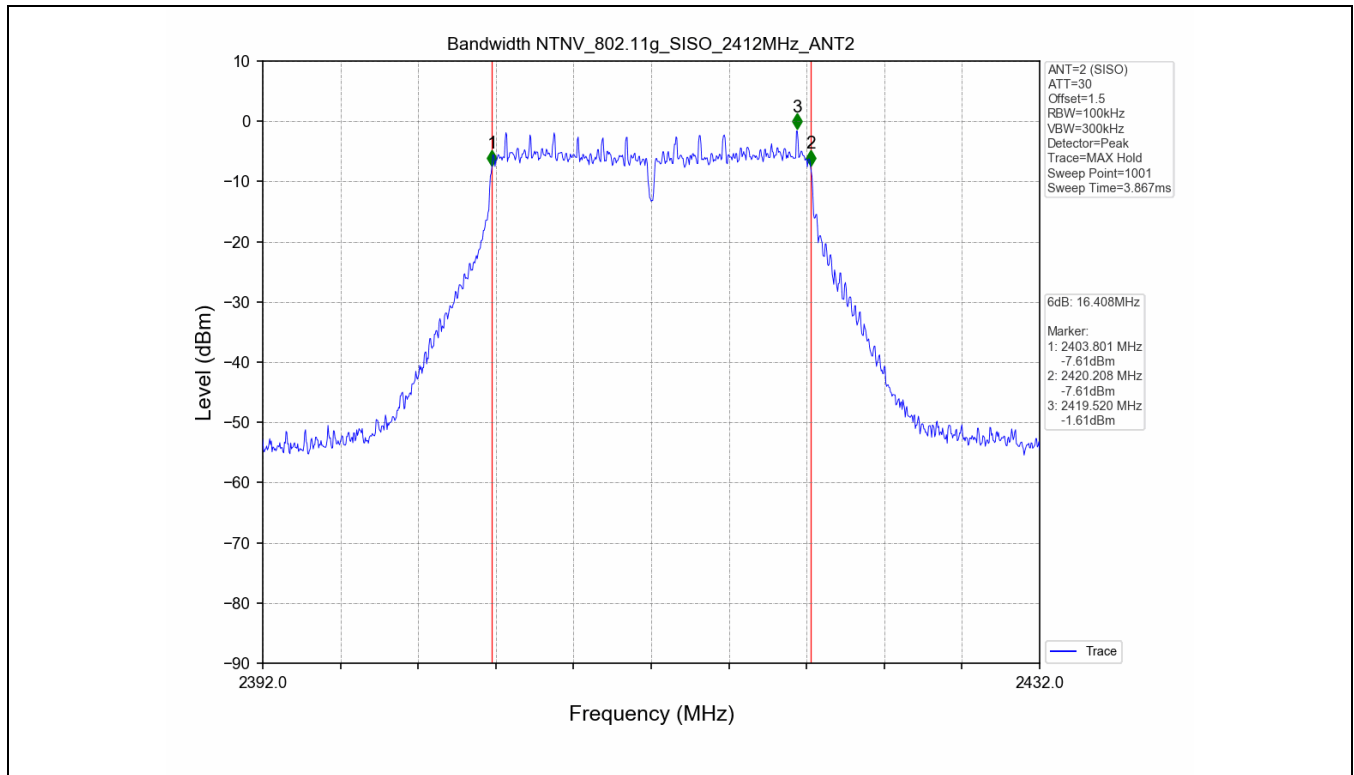
2.2 Test Graph - 6dB Bandwidth

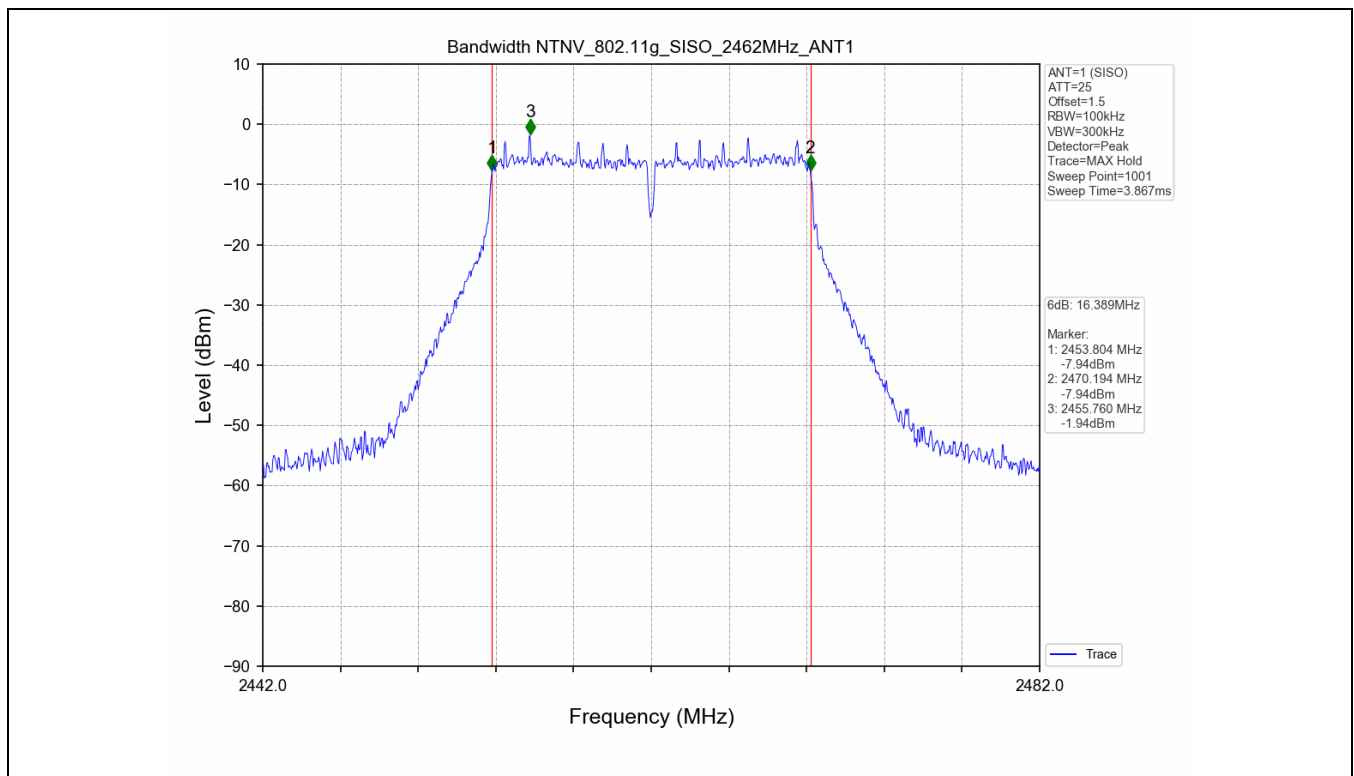
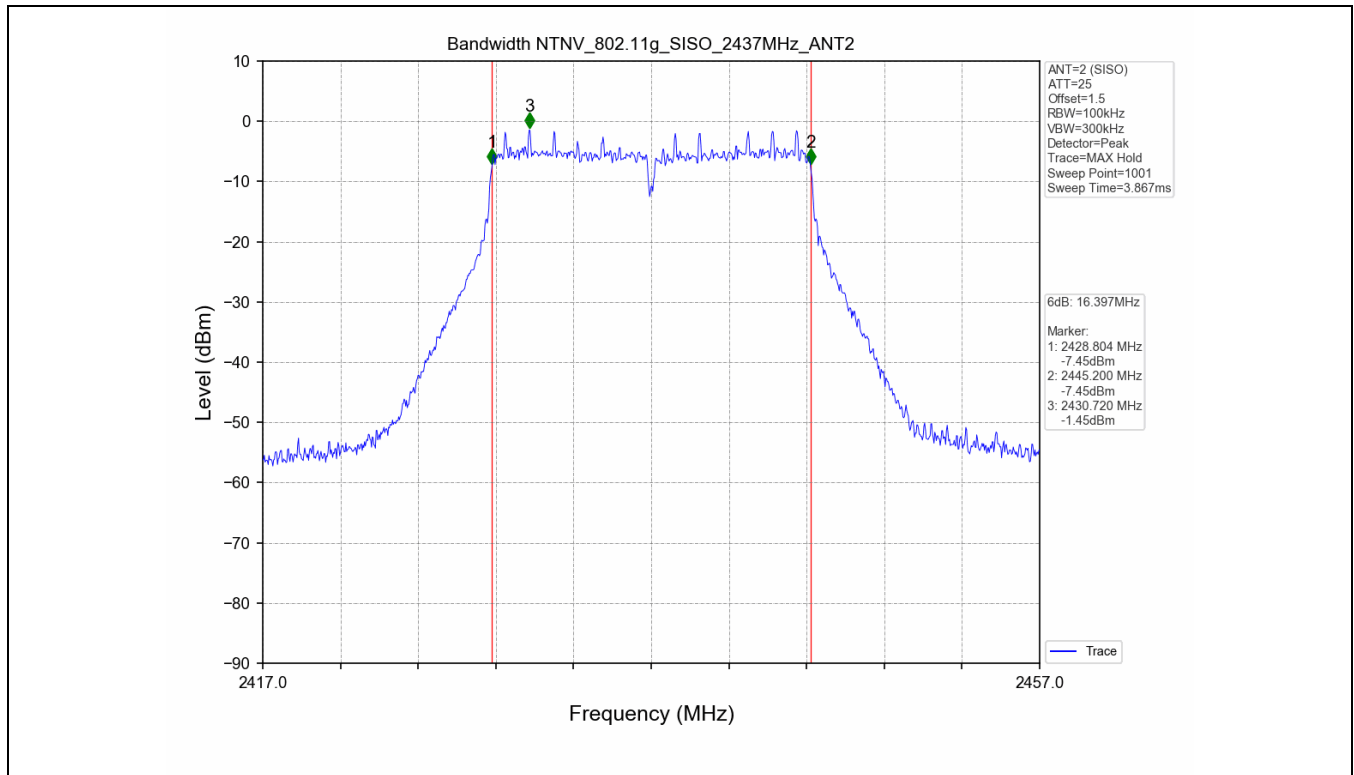


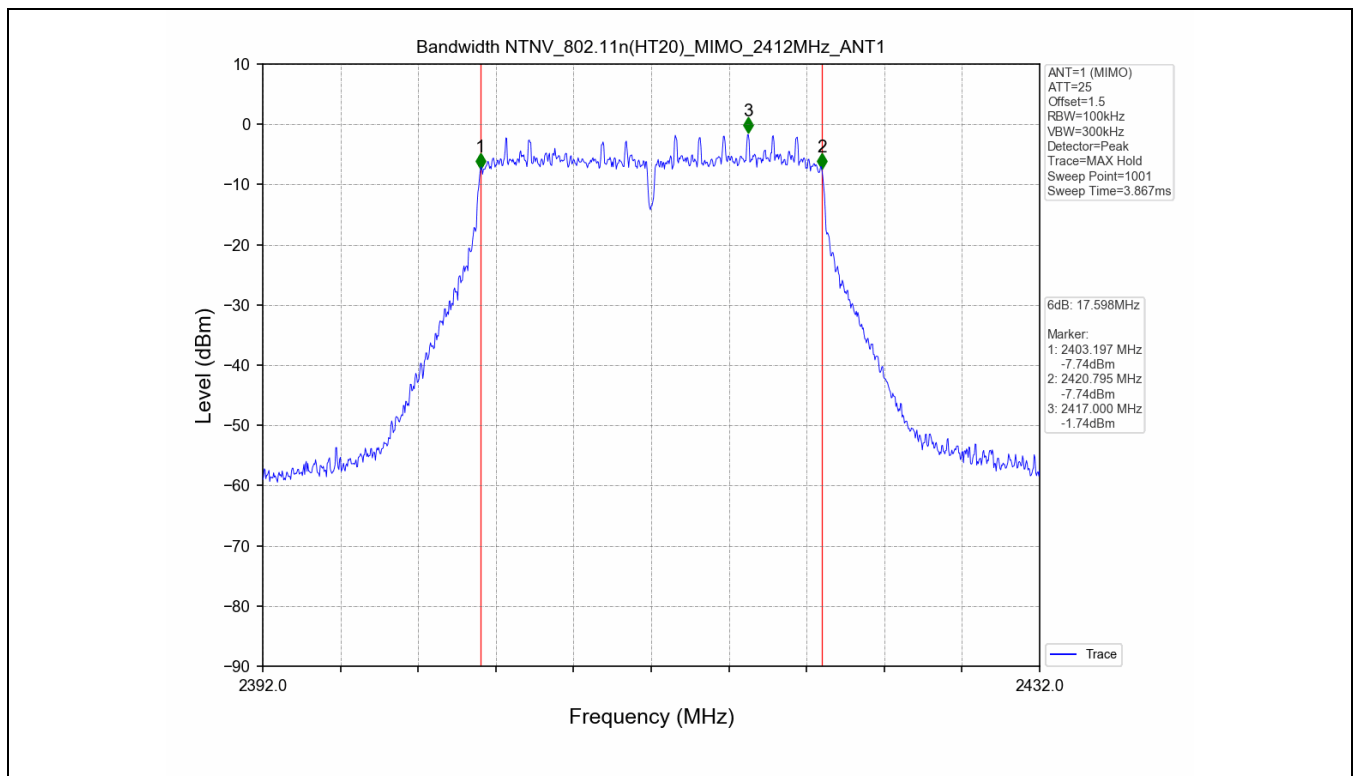
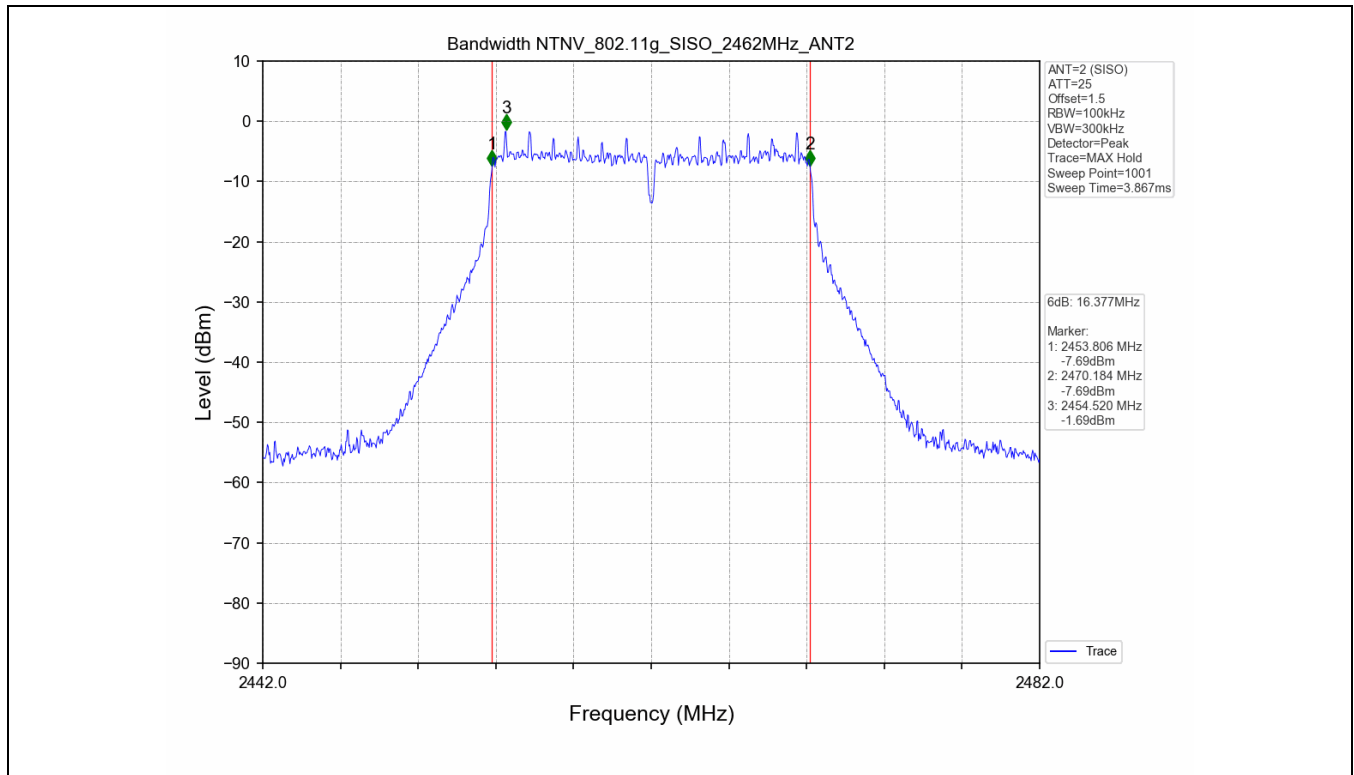


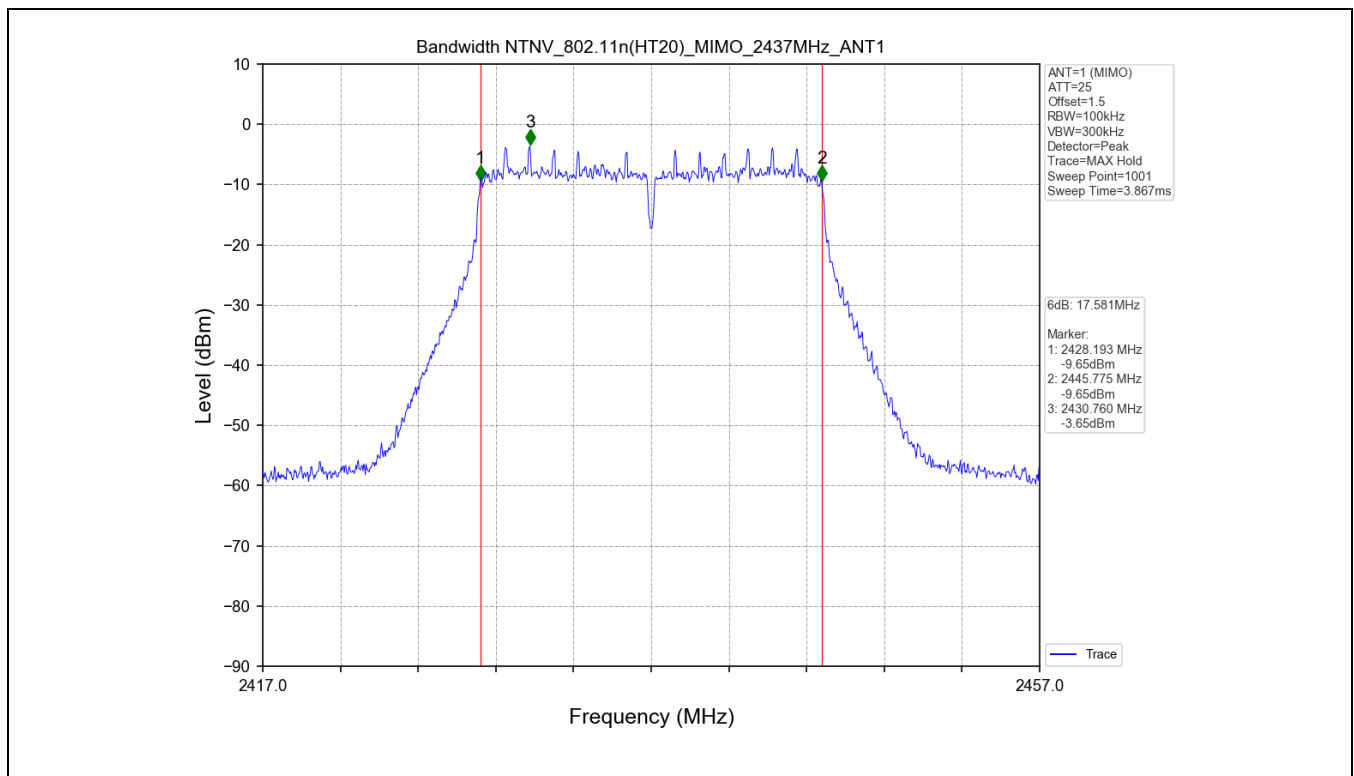
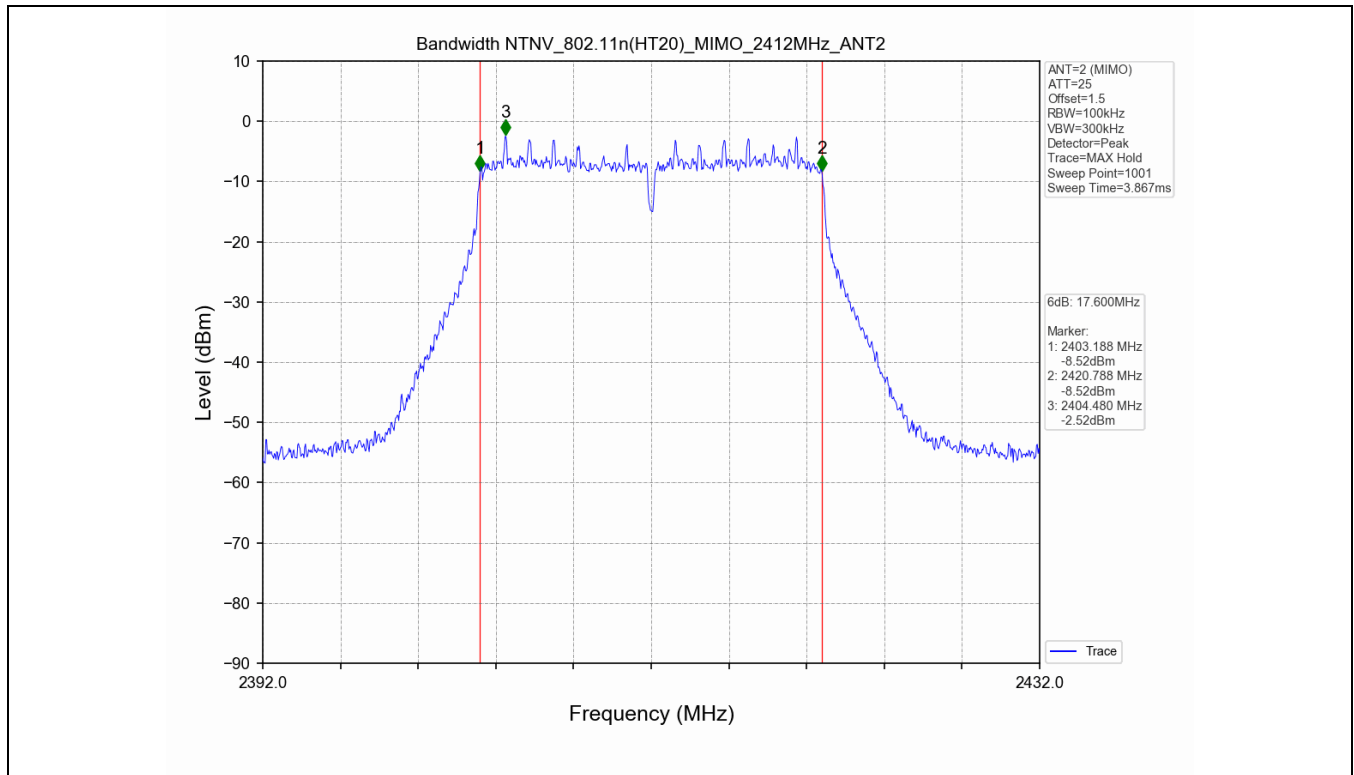


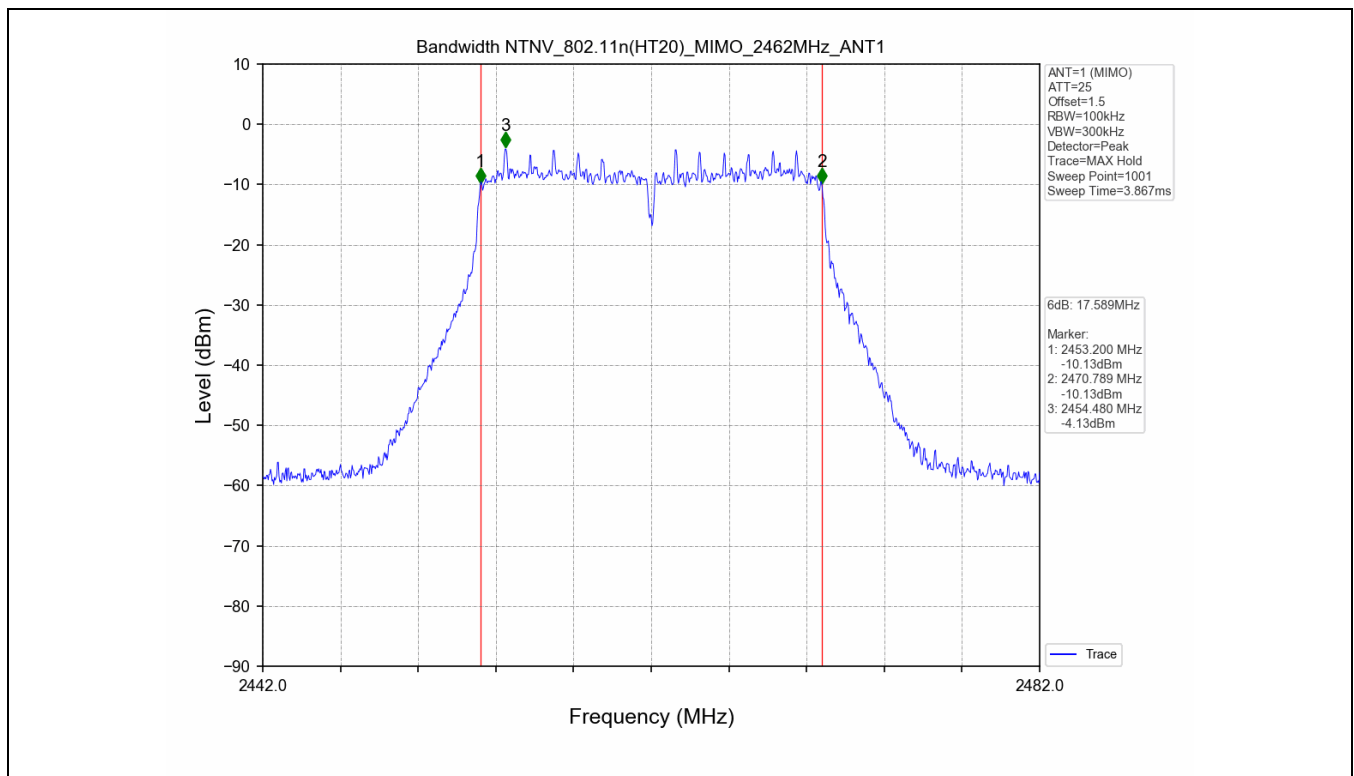
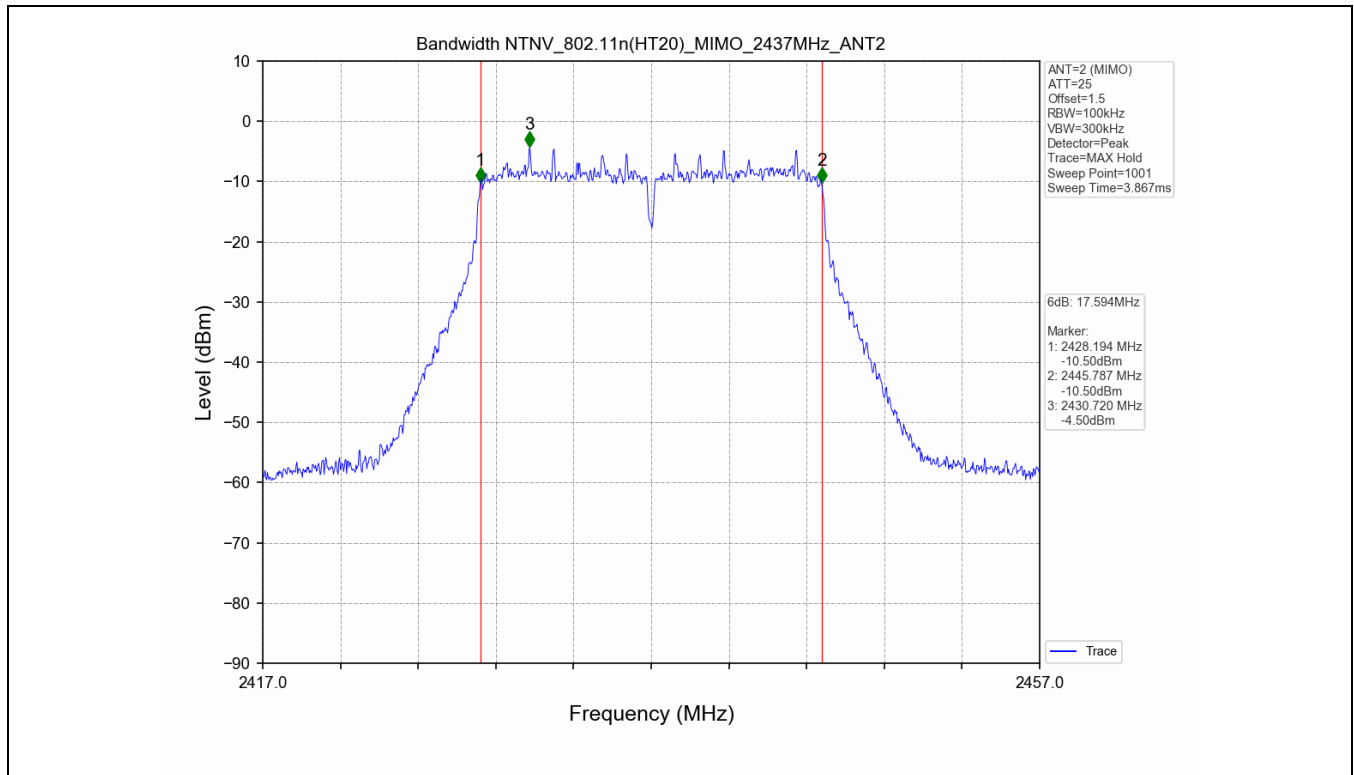


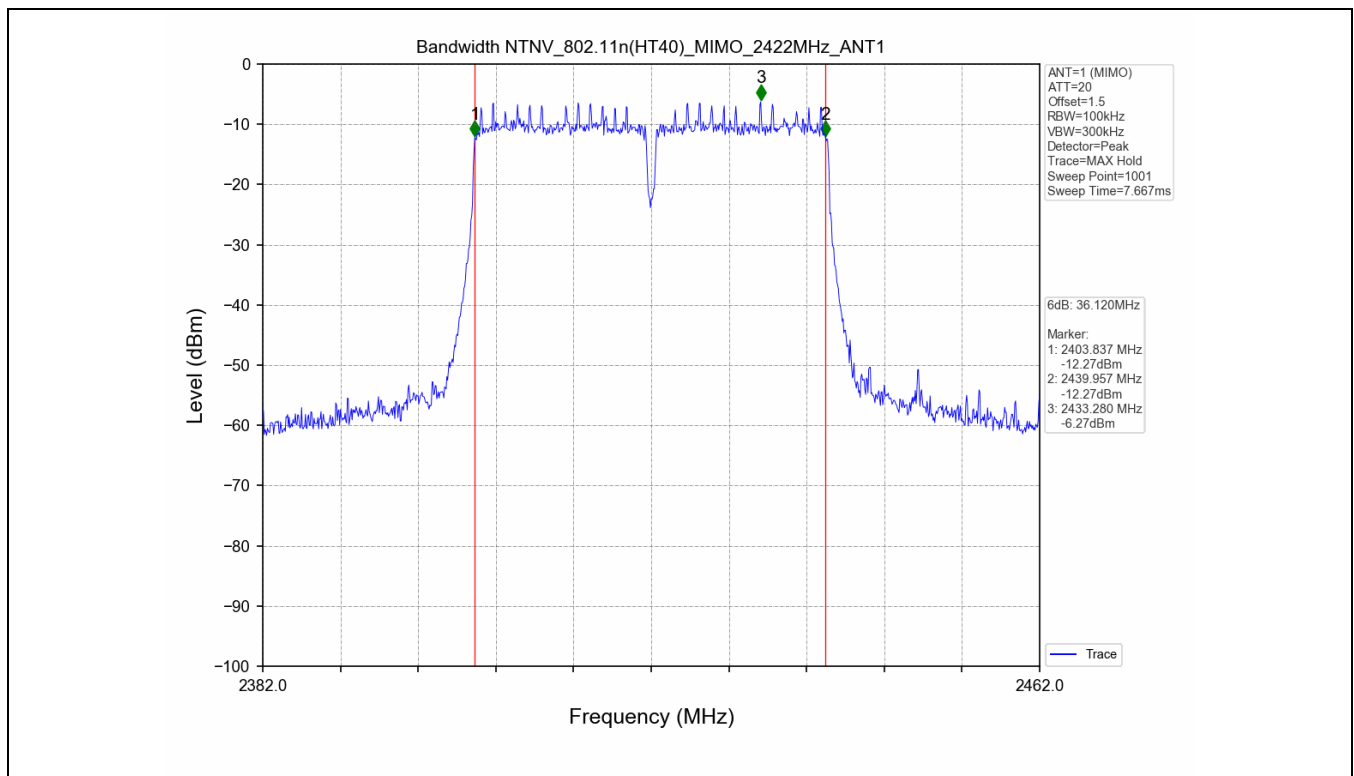
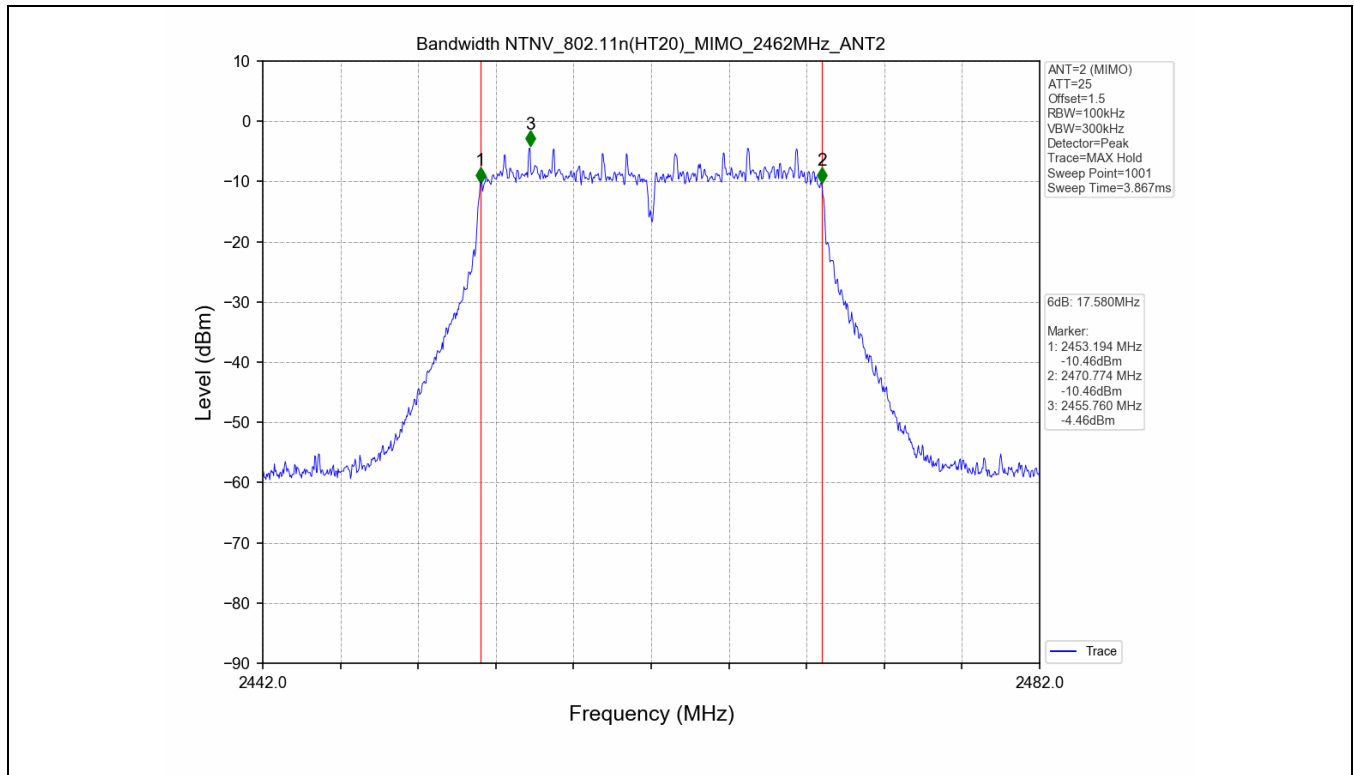


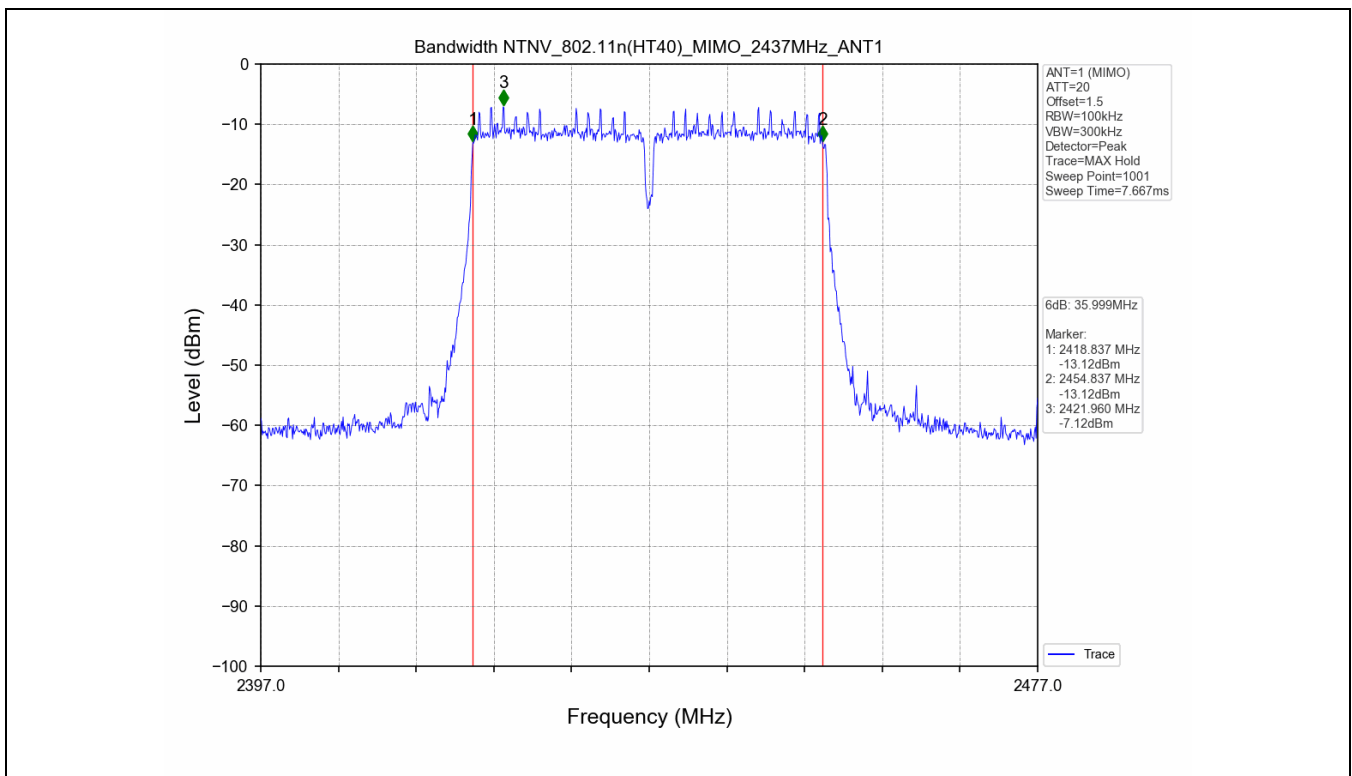
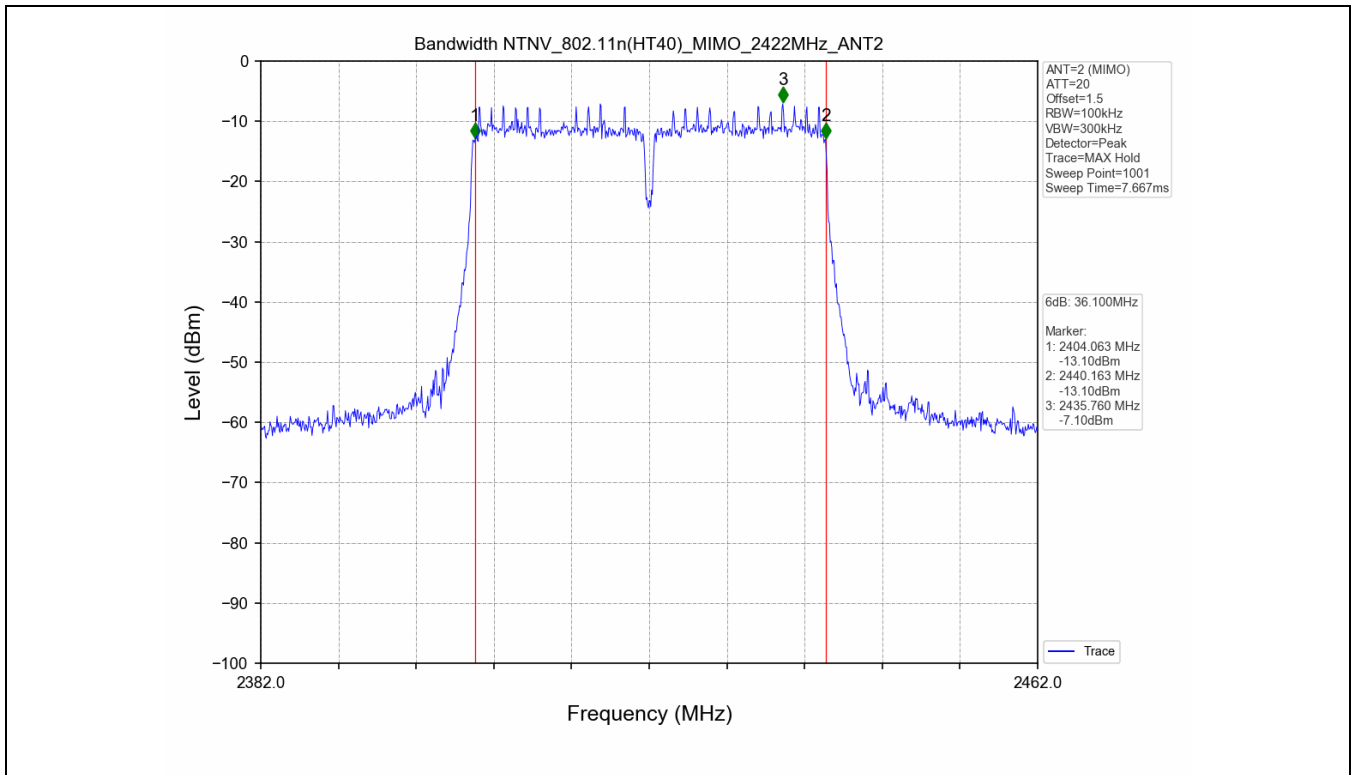


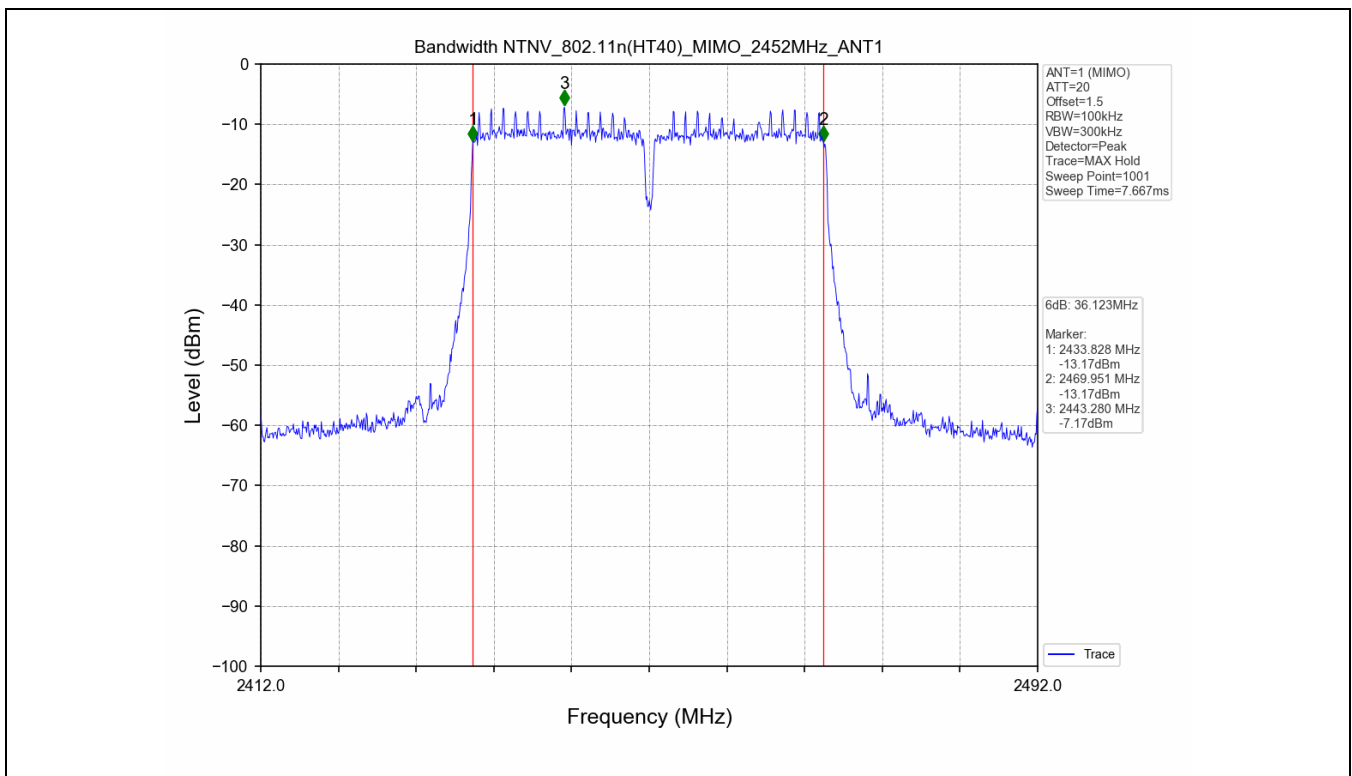
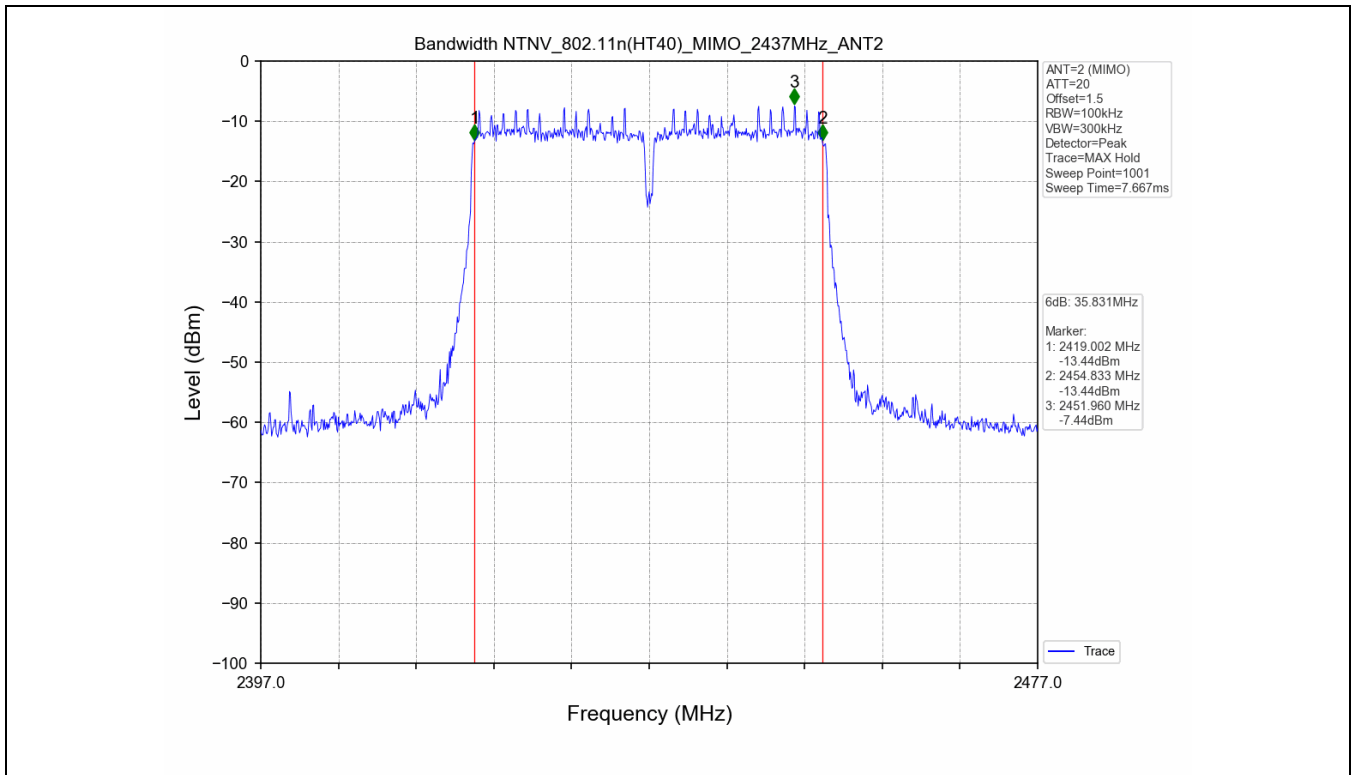


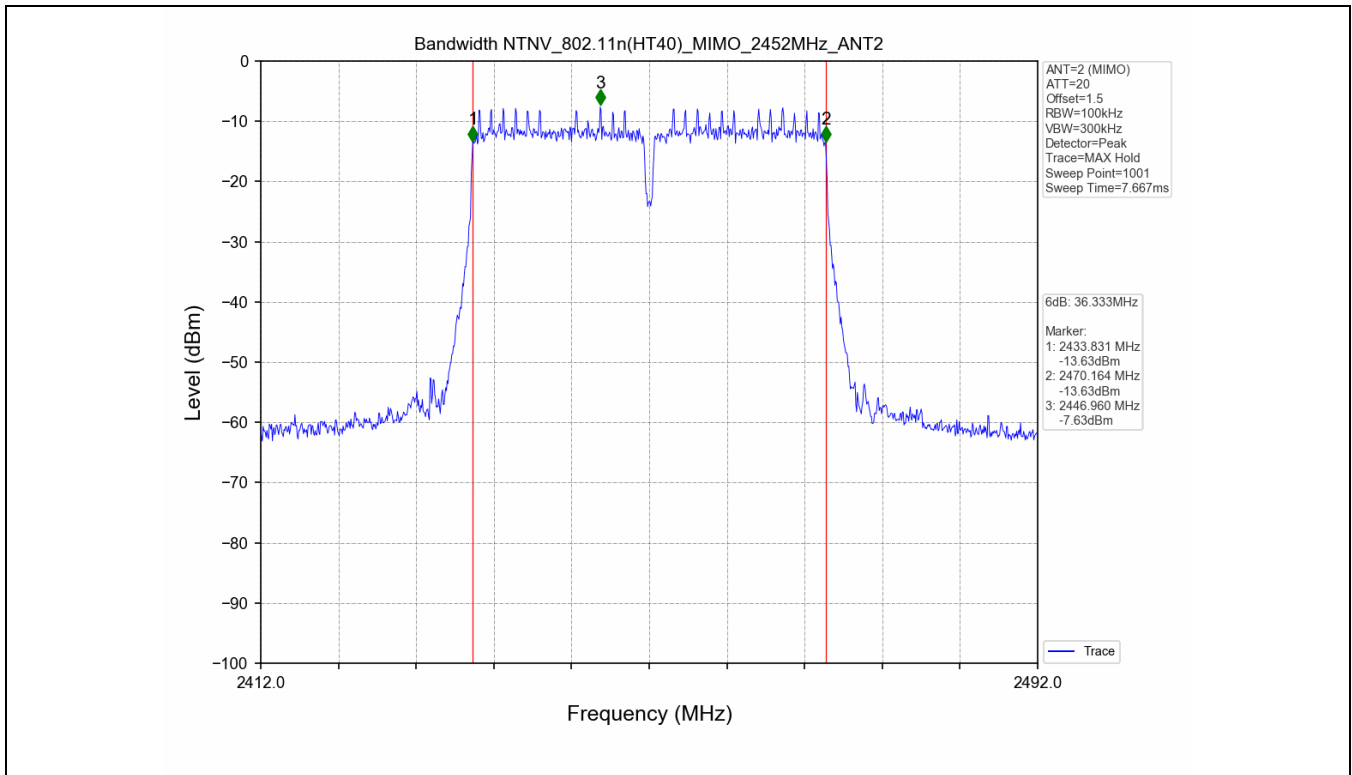












2.3 Test Graph - 99% Occupied Bandwidth

