



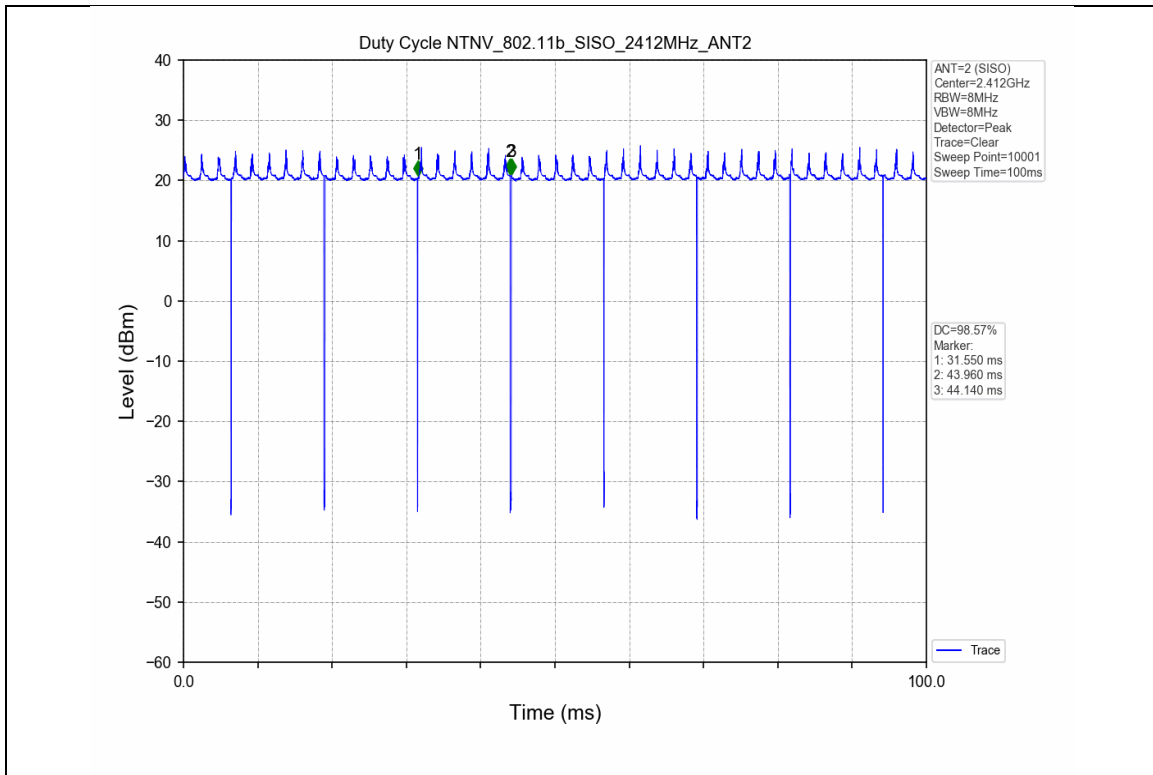
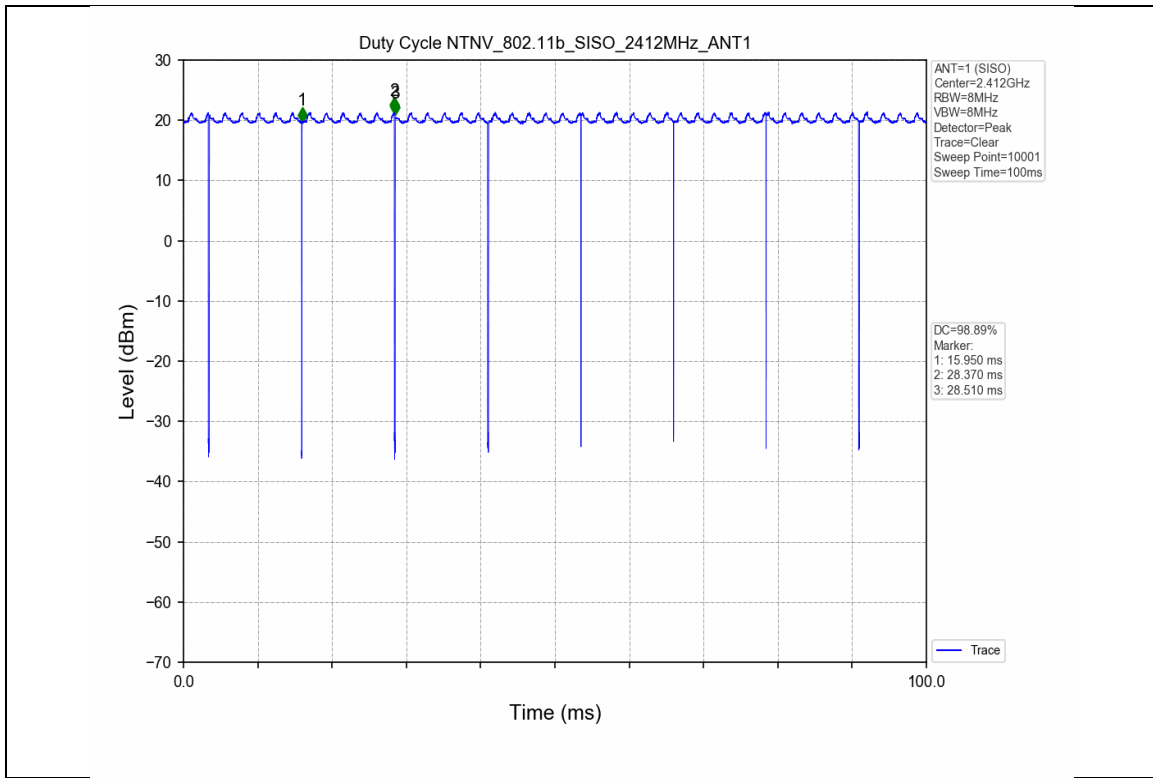
Appendix A for SHEM210200106001

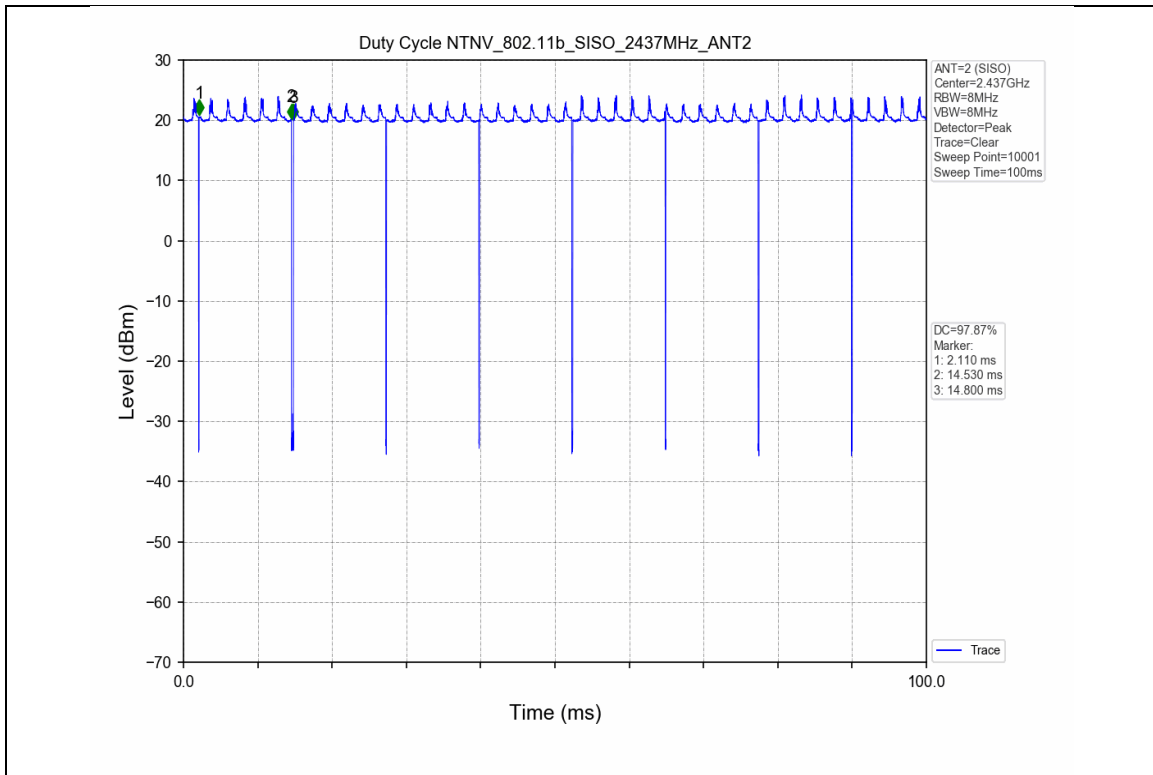
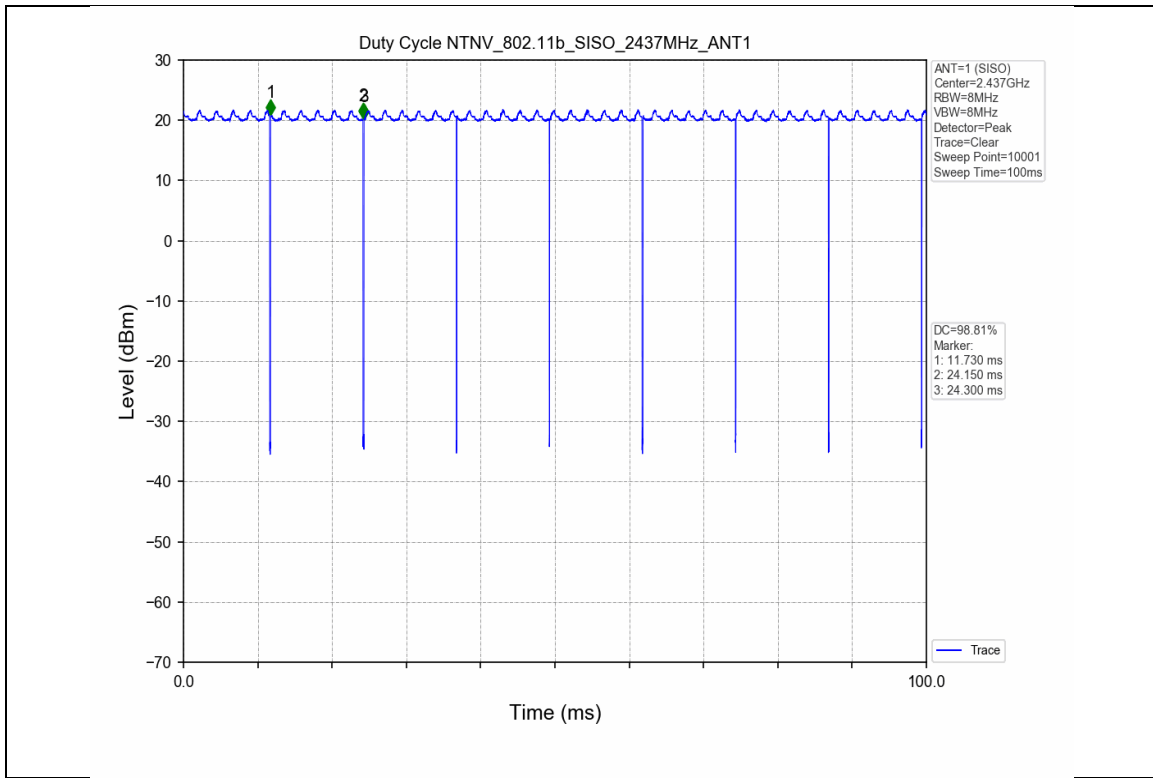
1. Duty Cycle

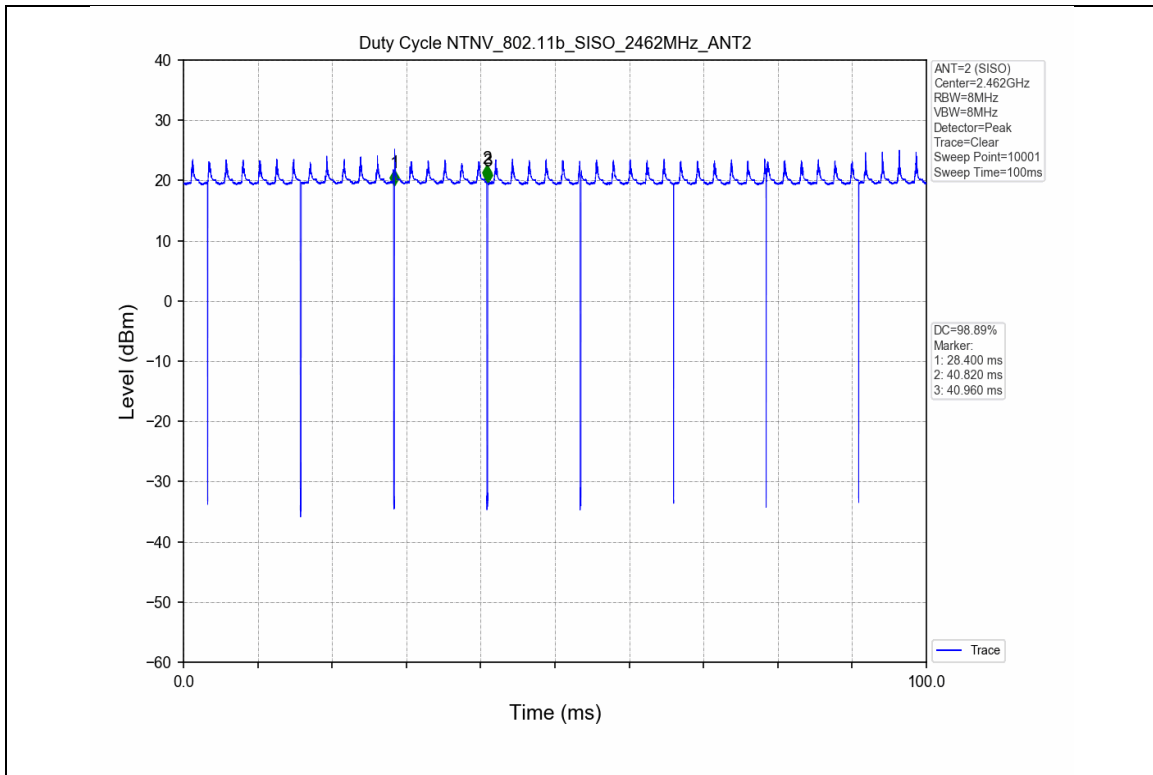
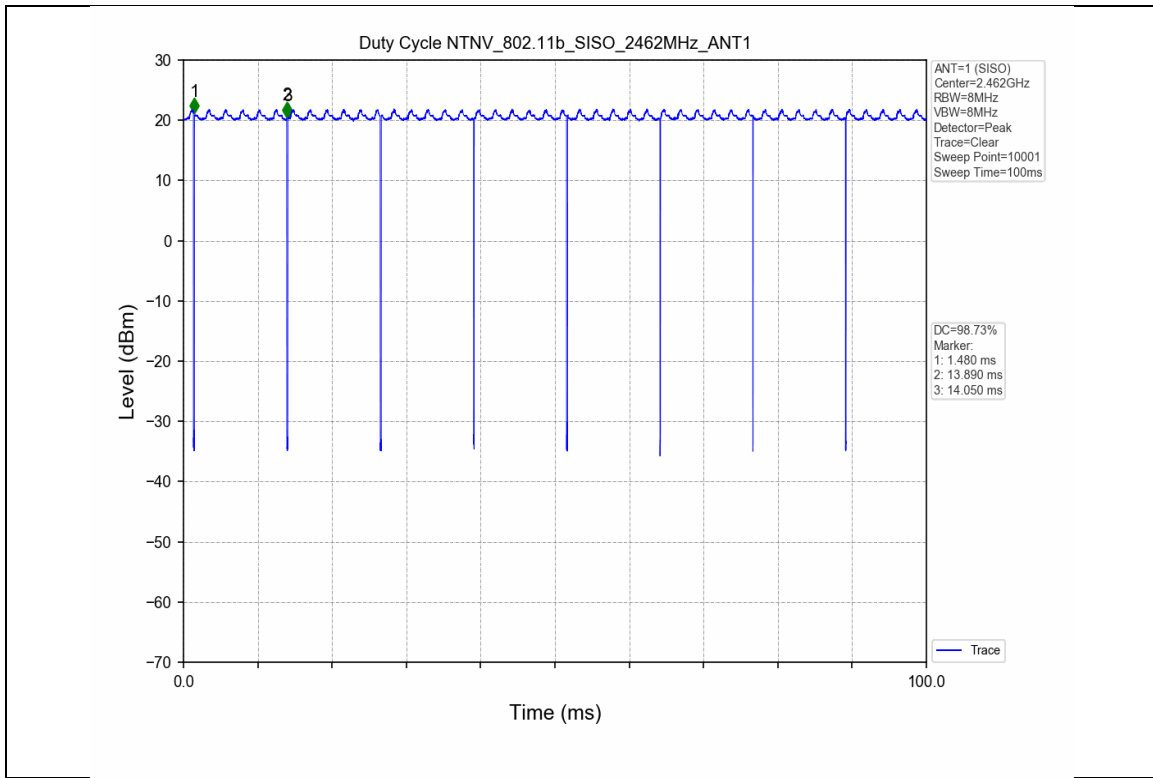
1.1 Test Result

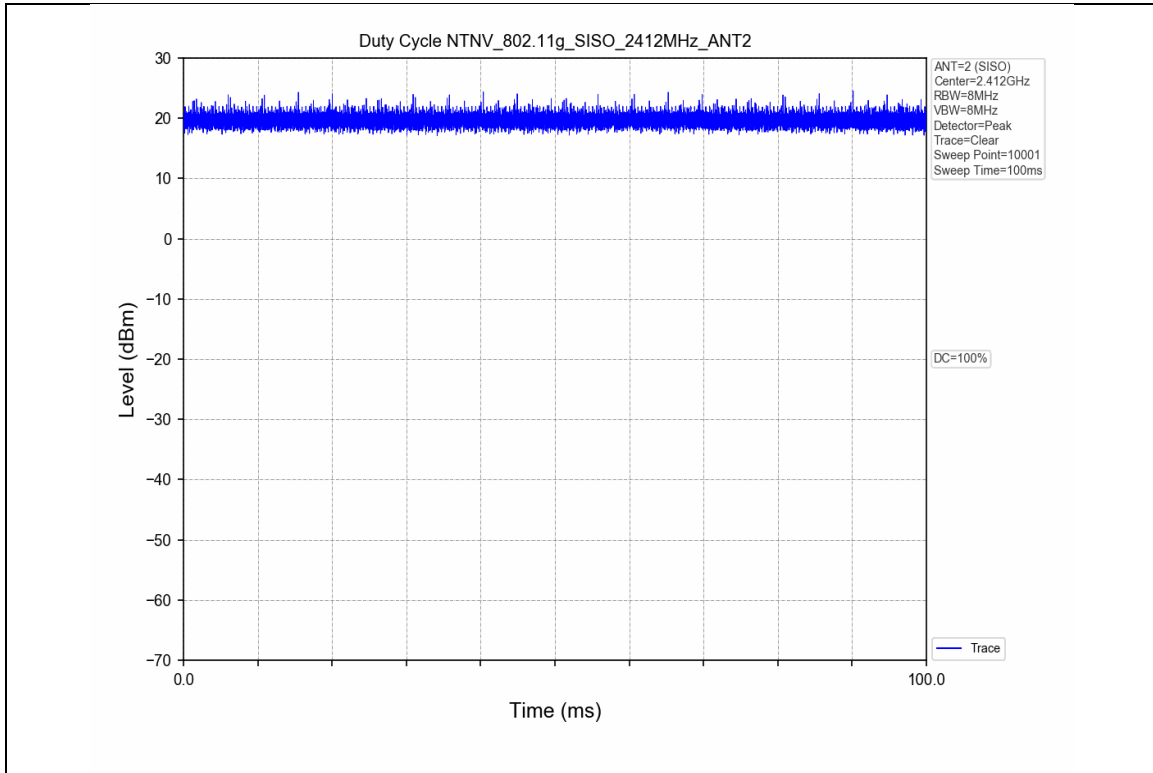
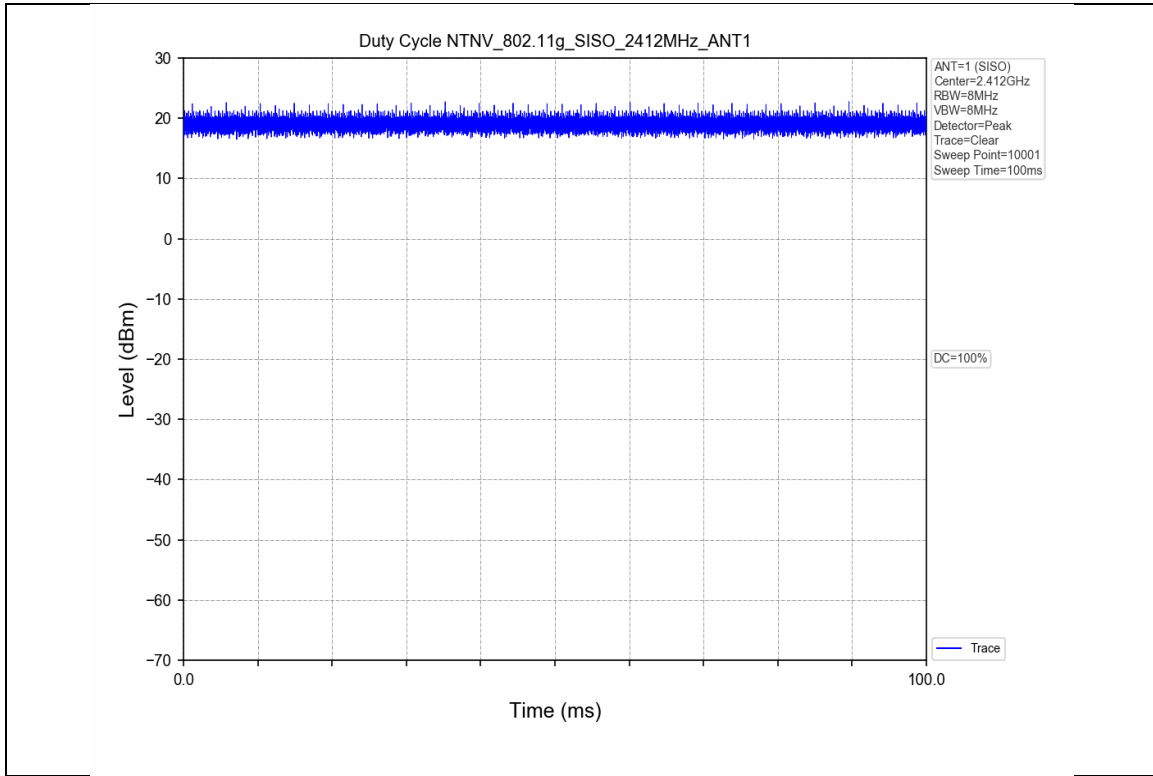
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	12.420	12.560	98.89	0.05
			2	12.410	12.590	98.57	0.06
	2437	SISO	1	12.420	12.570	98.81	0.05
			2	12.420	12.690	97.87	0.09
	2462	SISO	1	12.410	12.570	98.73	0.06
			2	12.420	12.560	98.89	0.05
802.11g	2412	SISO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
	2437	SISO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
	2462	SISO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
802.11n(HT20)	2412	MIMO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
	2437	MIMO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
	2462	MIMO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
802.11n(HT40)	2422	MIMO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
	2437	MIMO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00
	2452	MIMO	1	100.000	100.000	100.00	0.00
			2	100.000	100.000	100.00	0.00

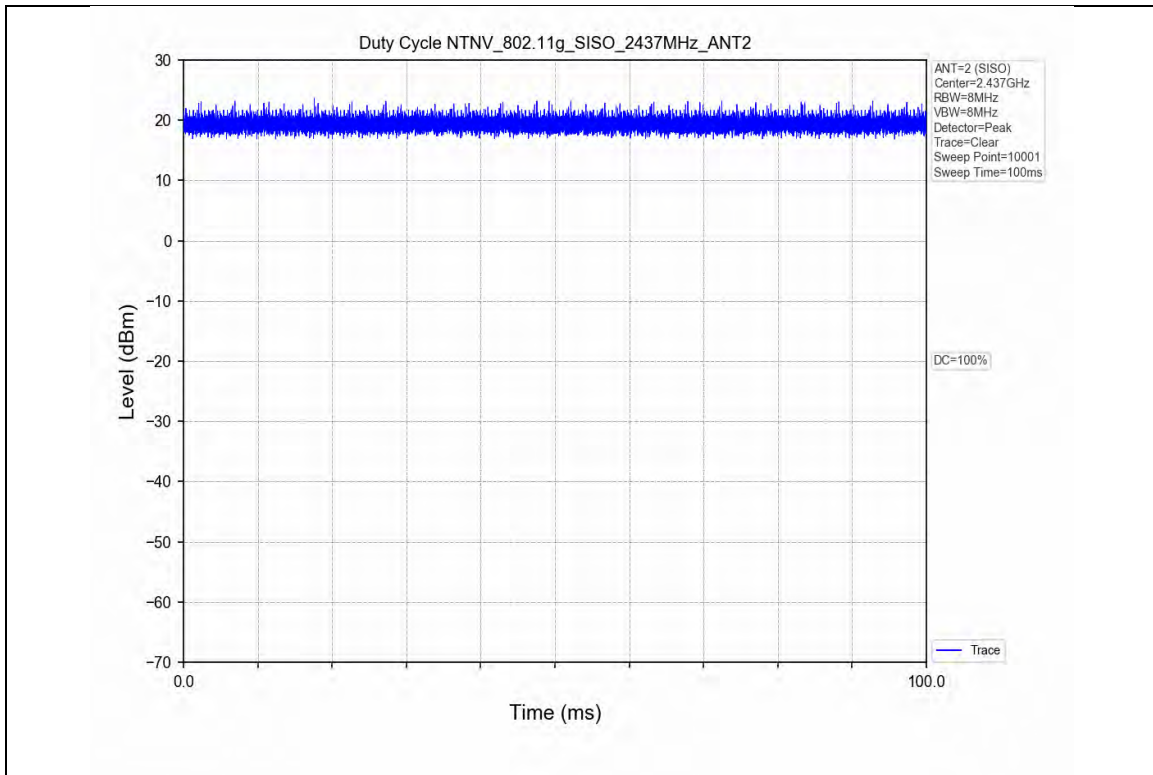
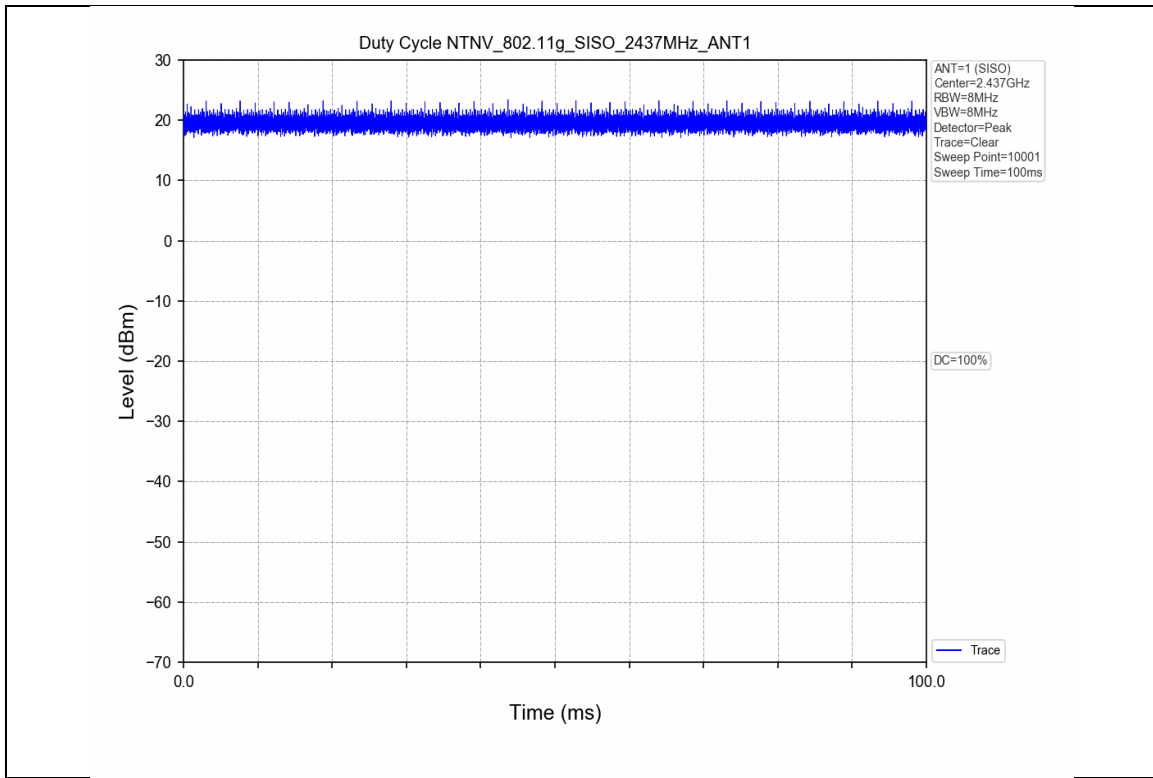
1.2 Test Graph

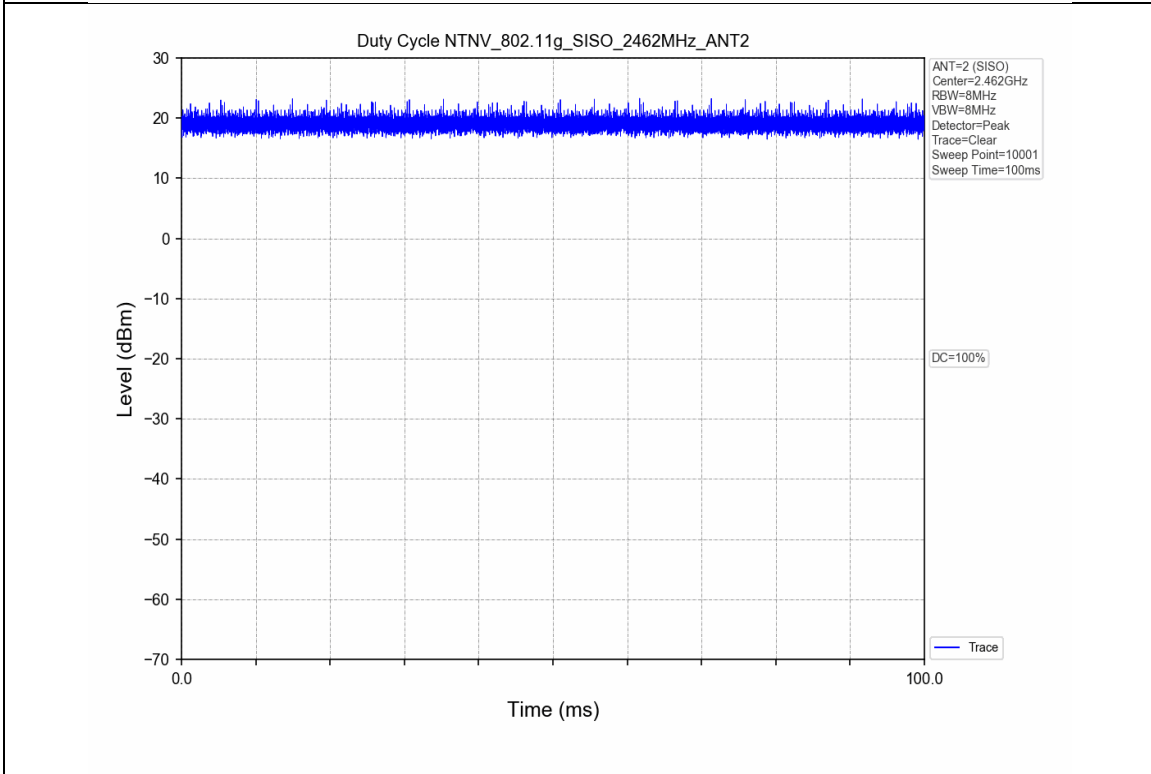
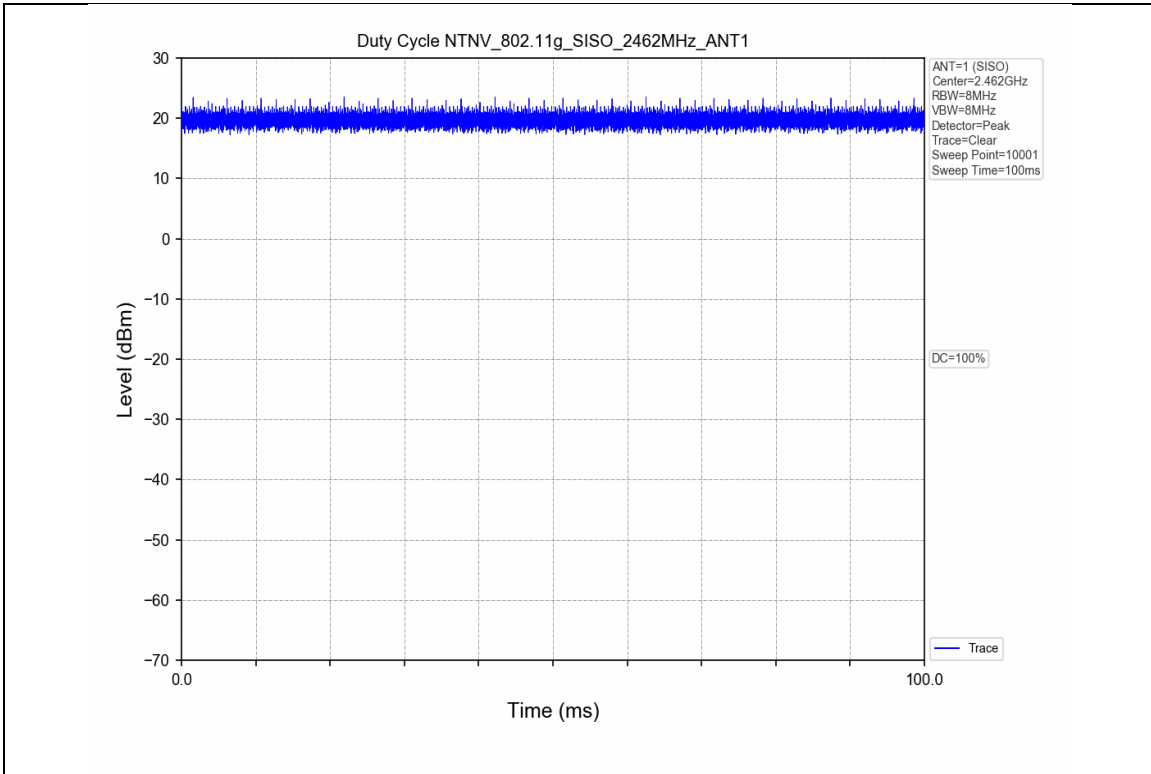


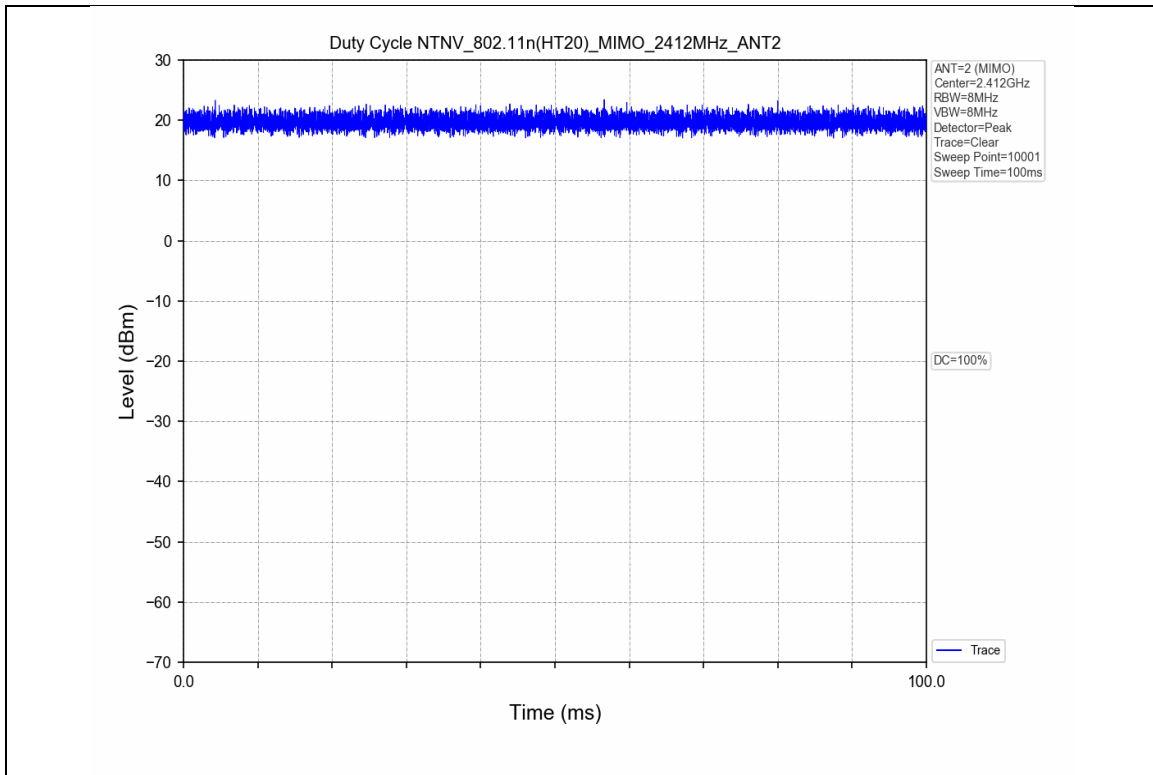
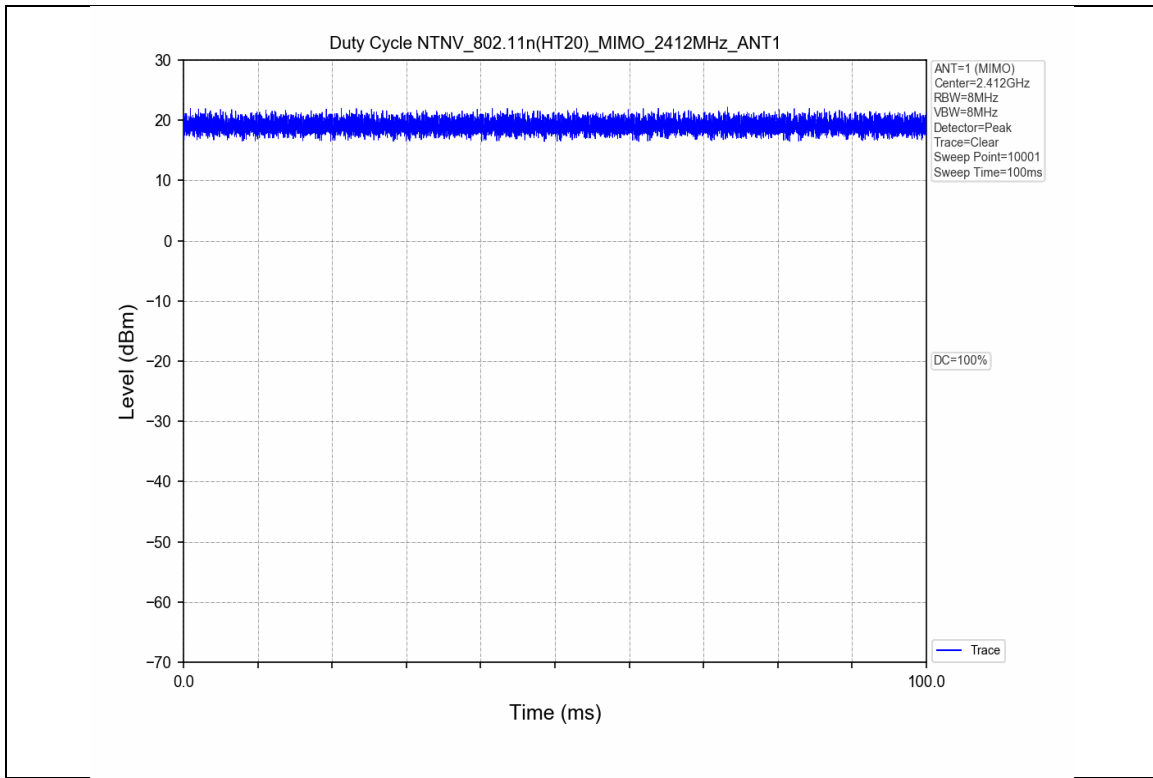


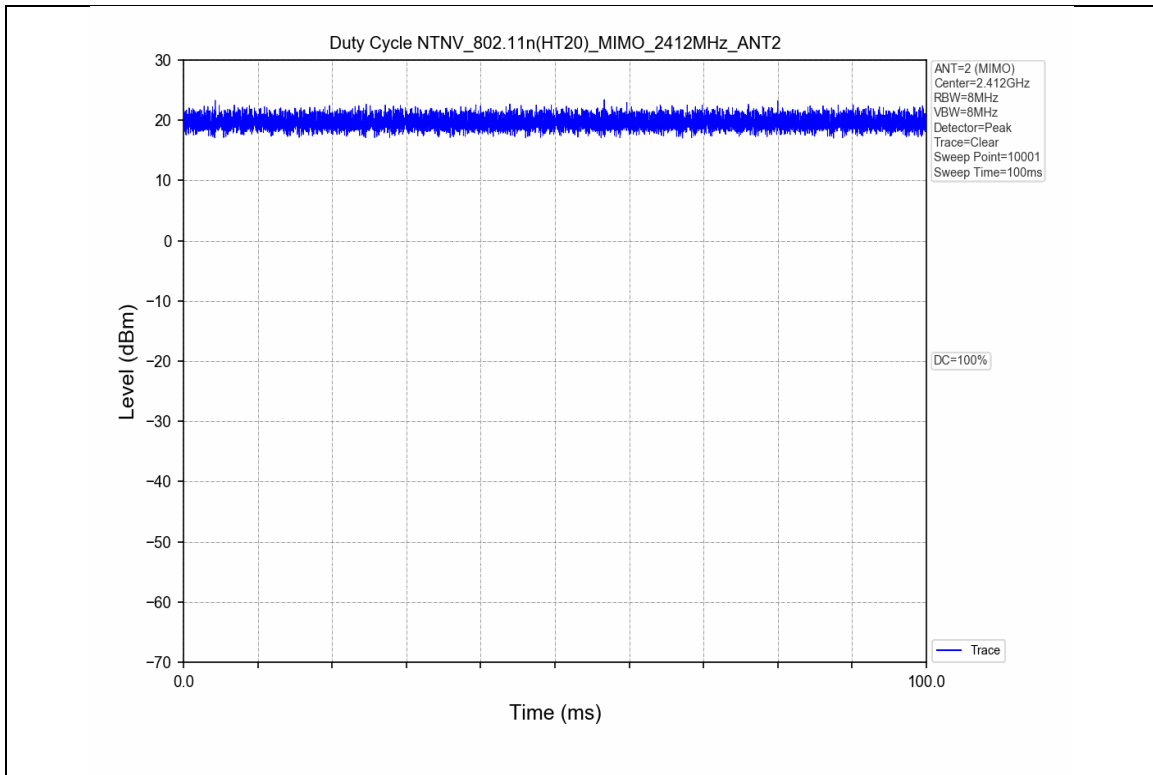
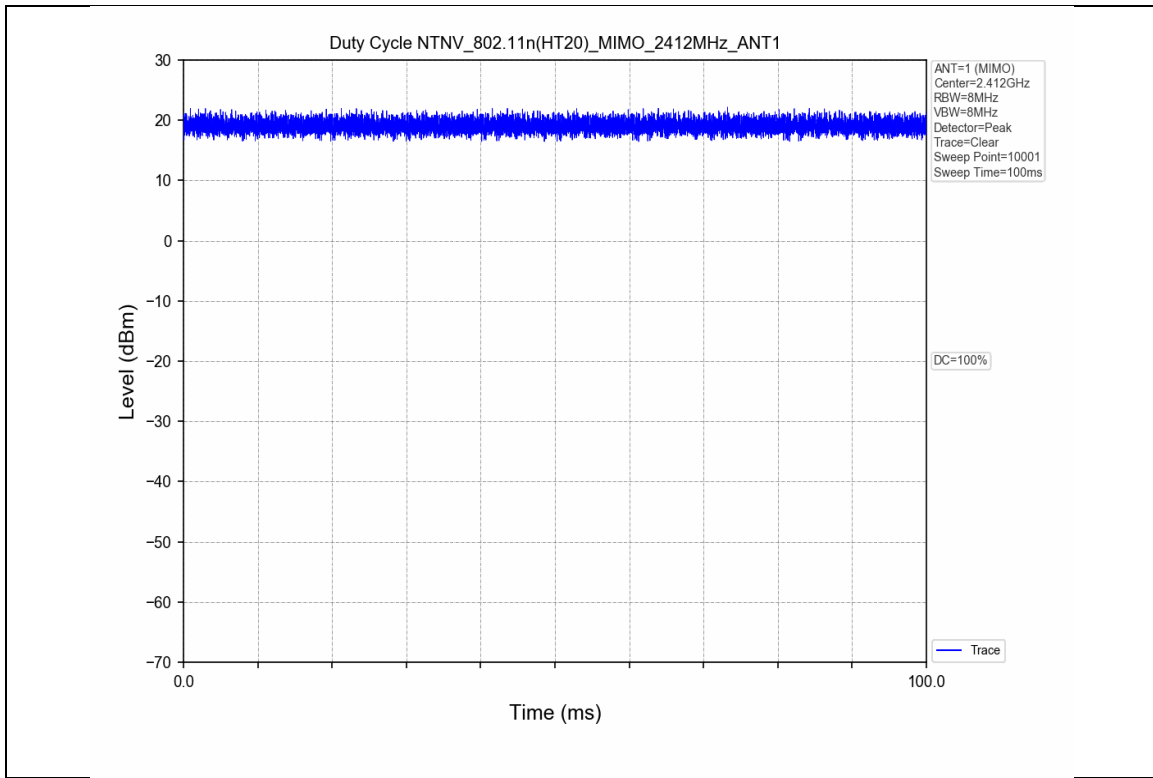


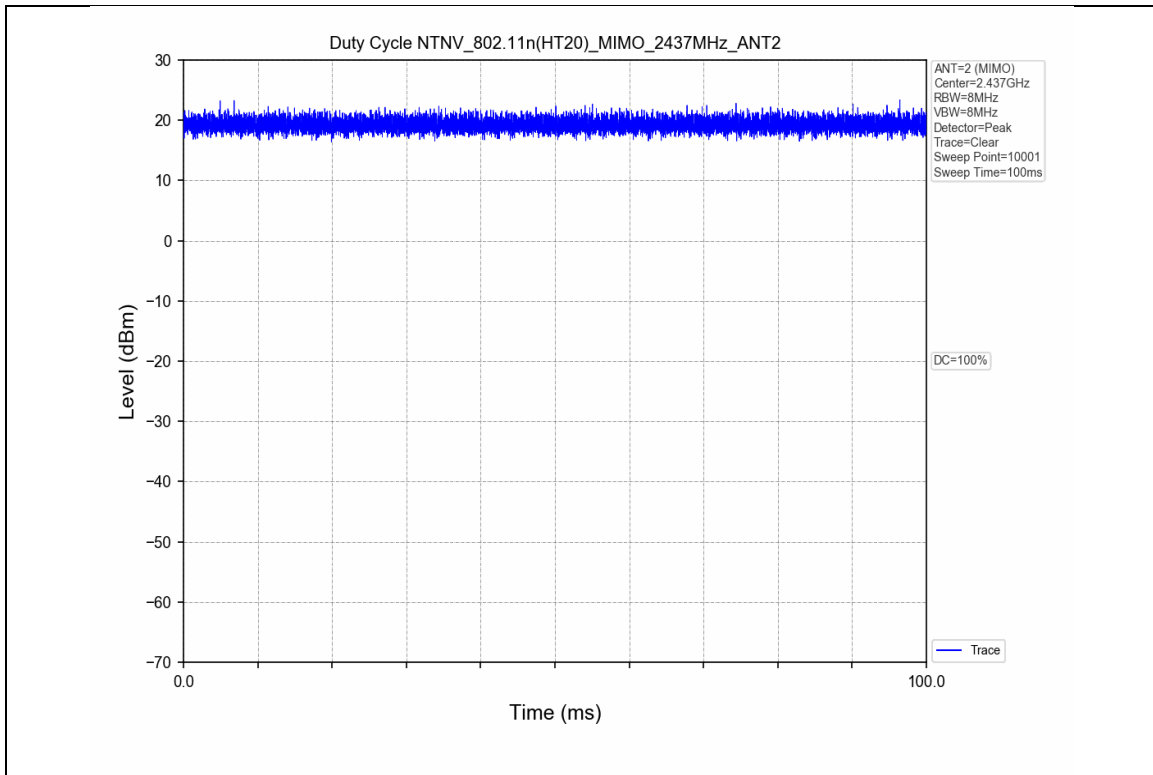
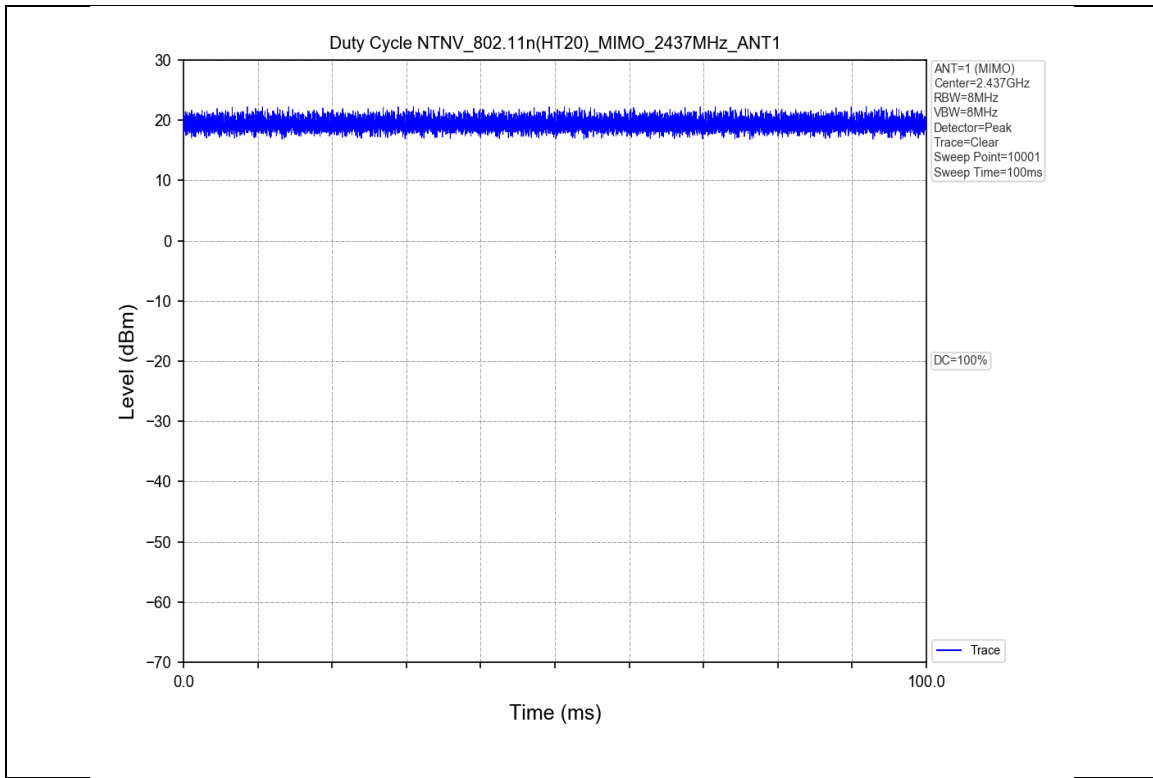


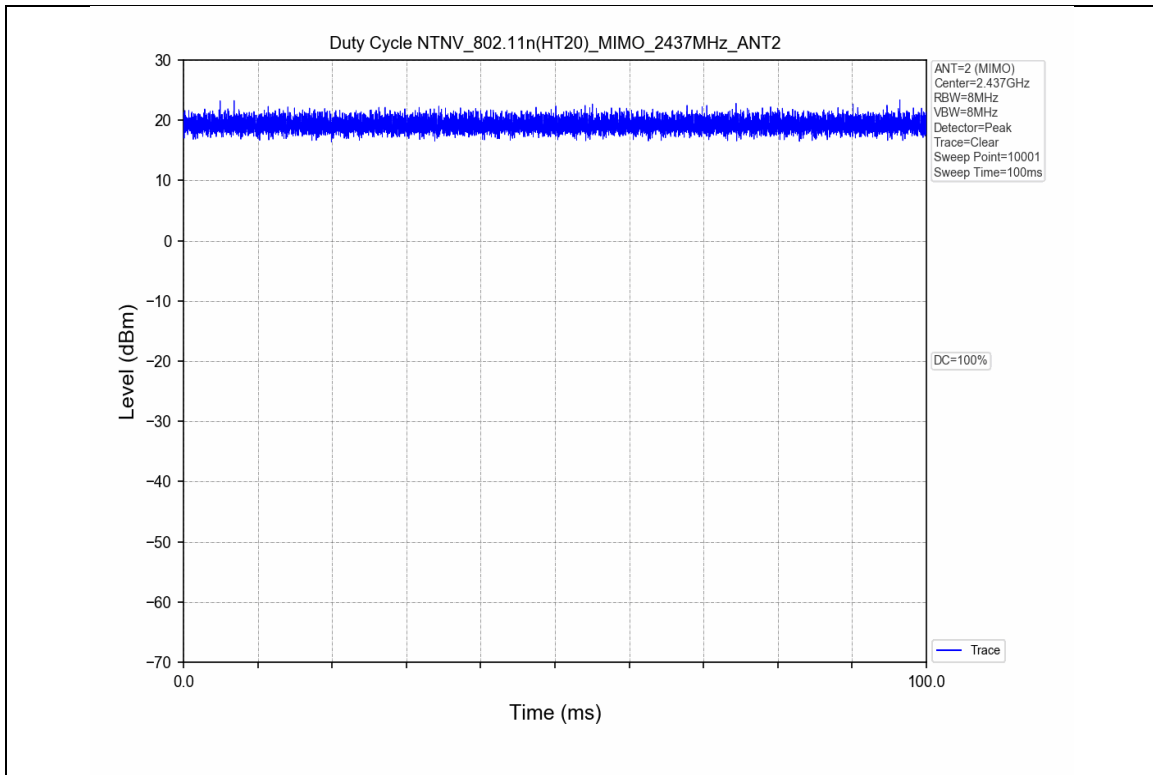
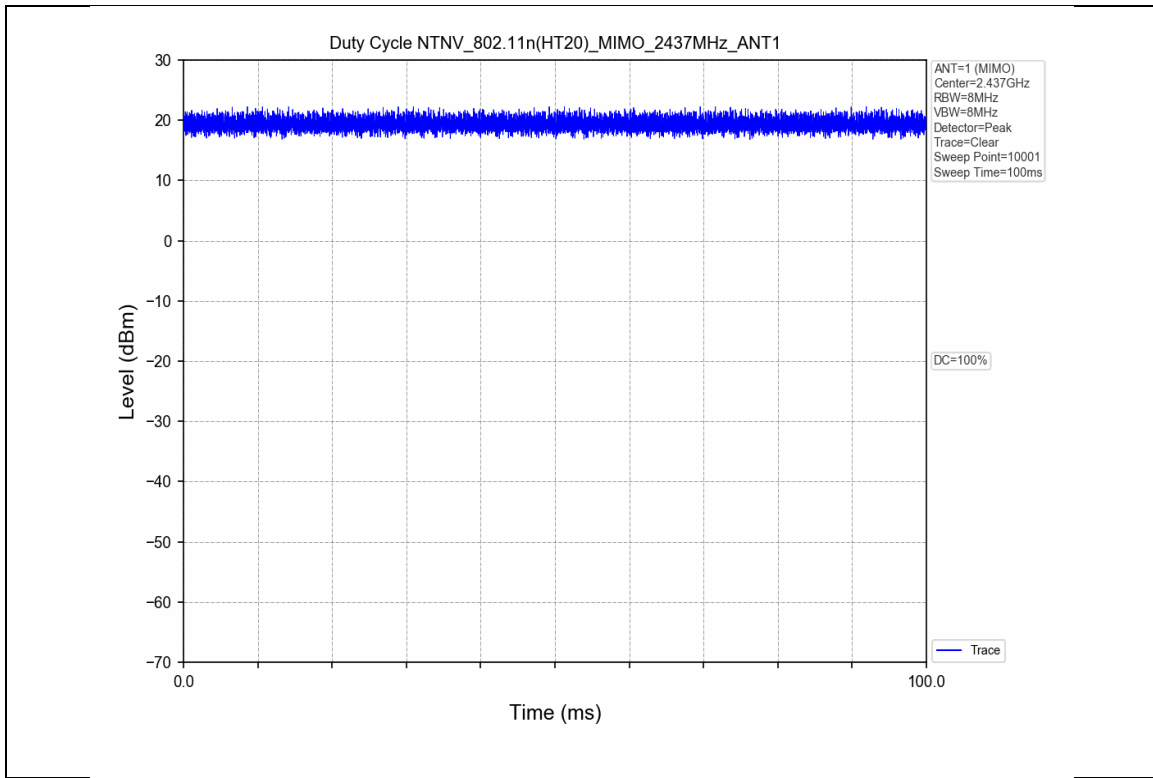


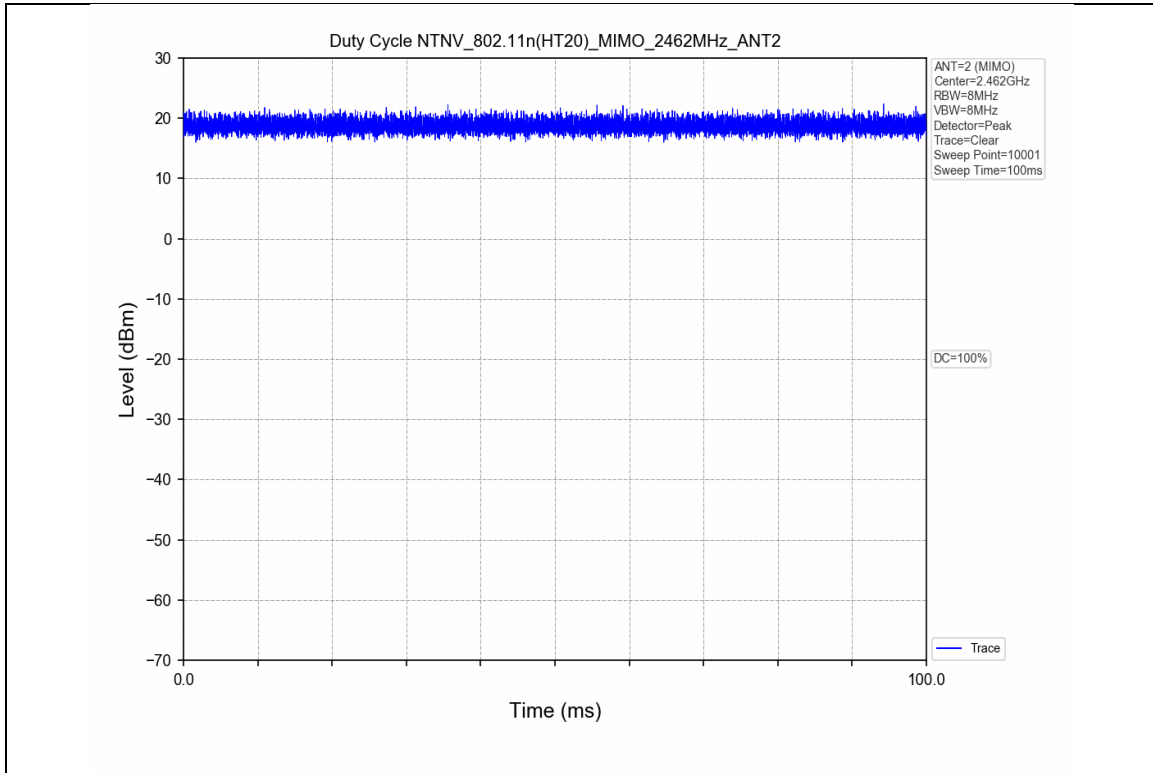
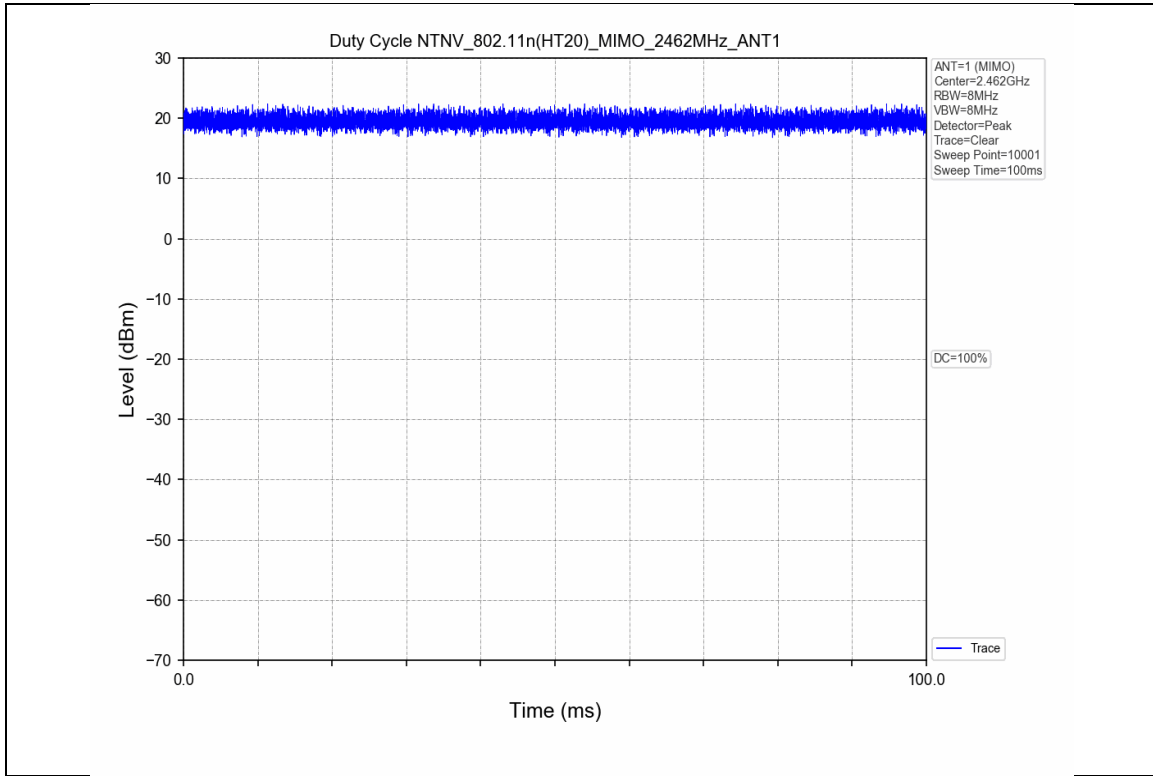


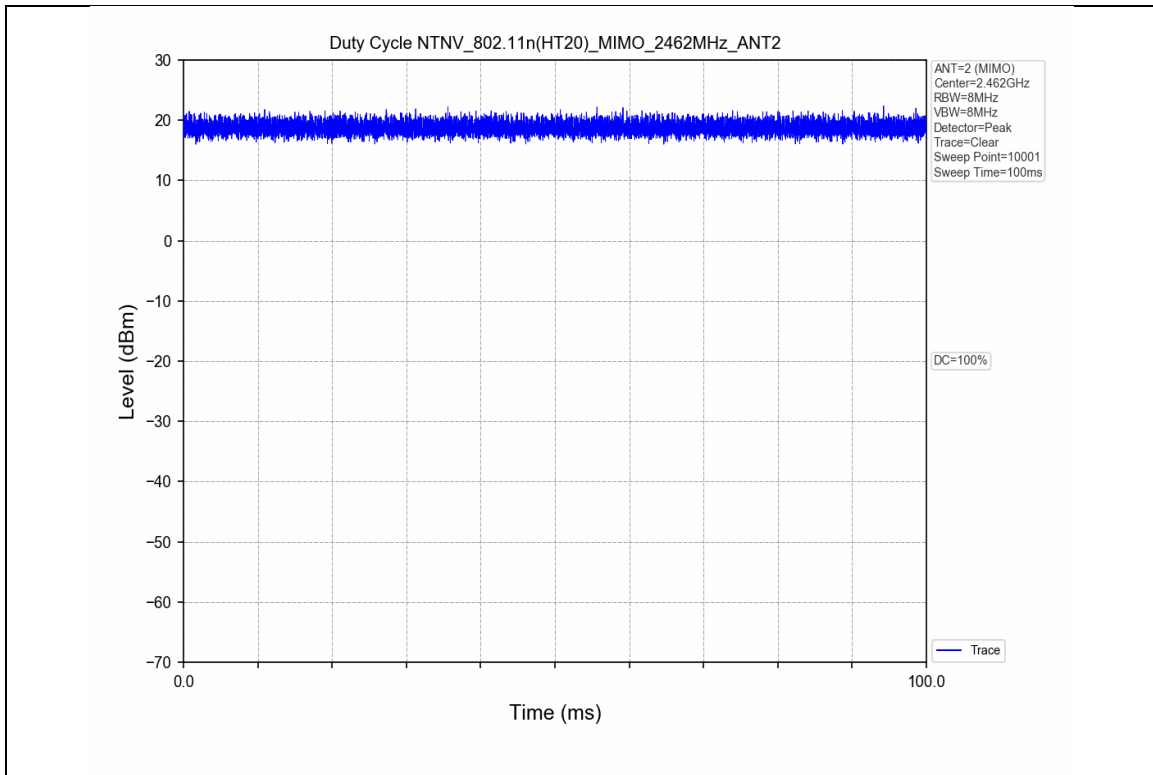
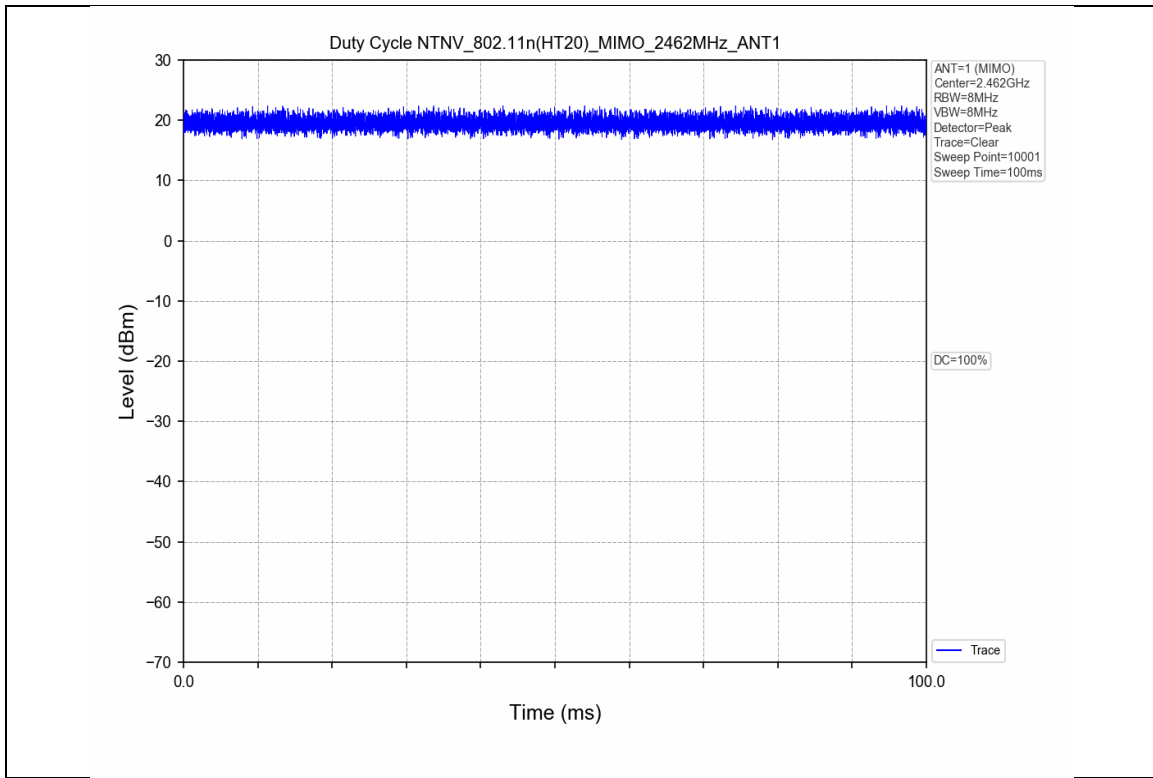


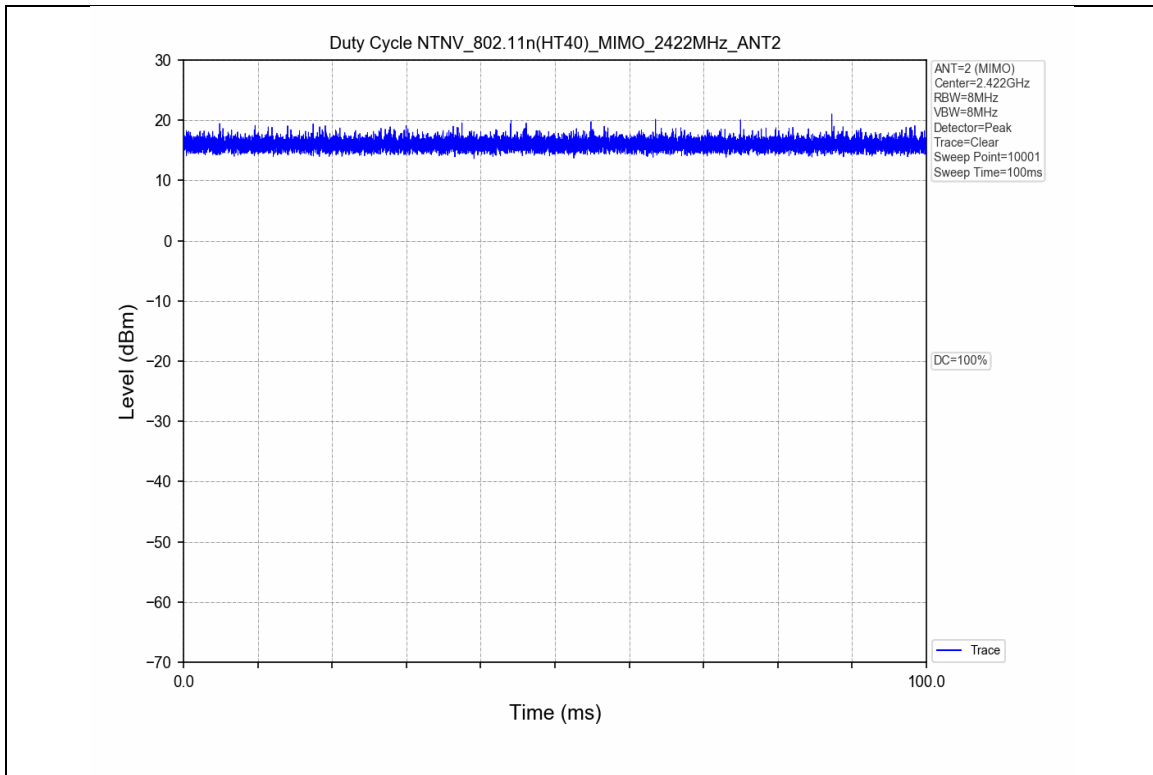
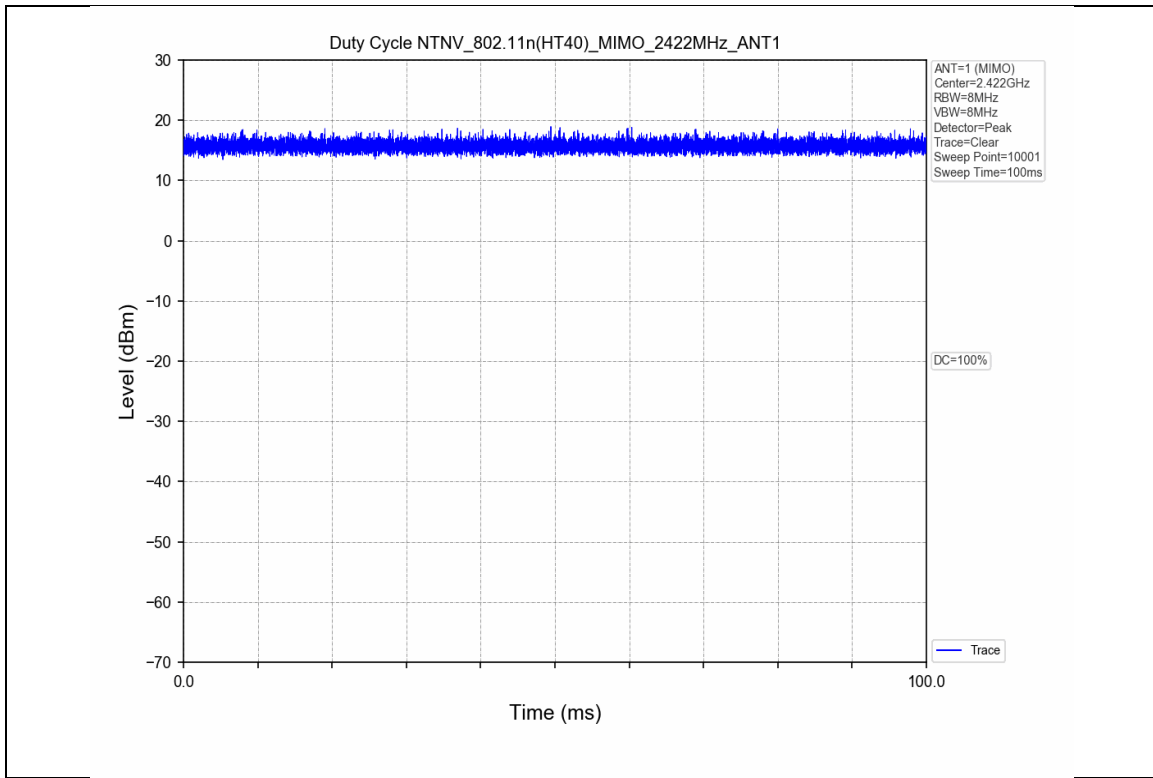


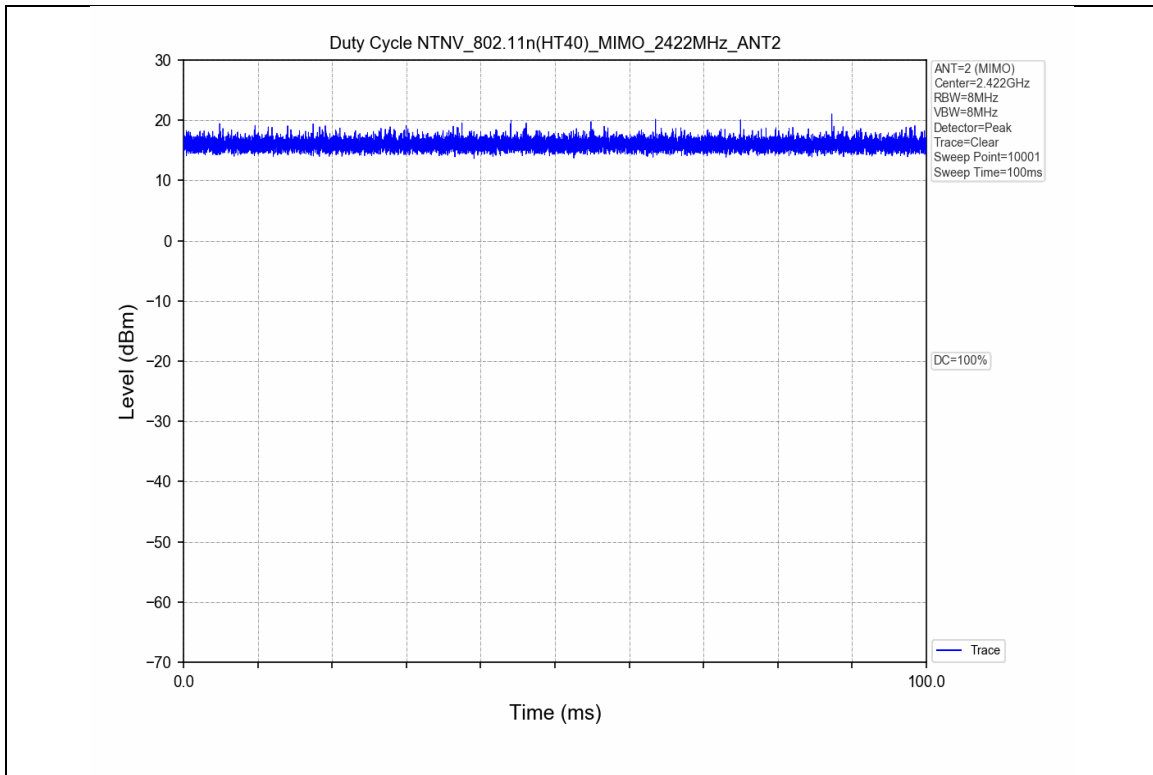
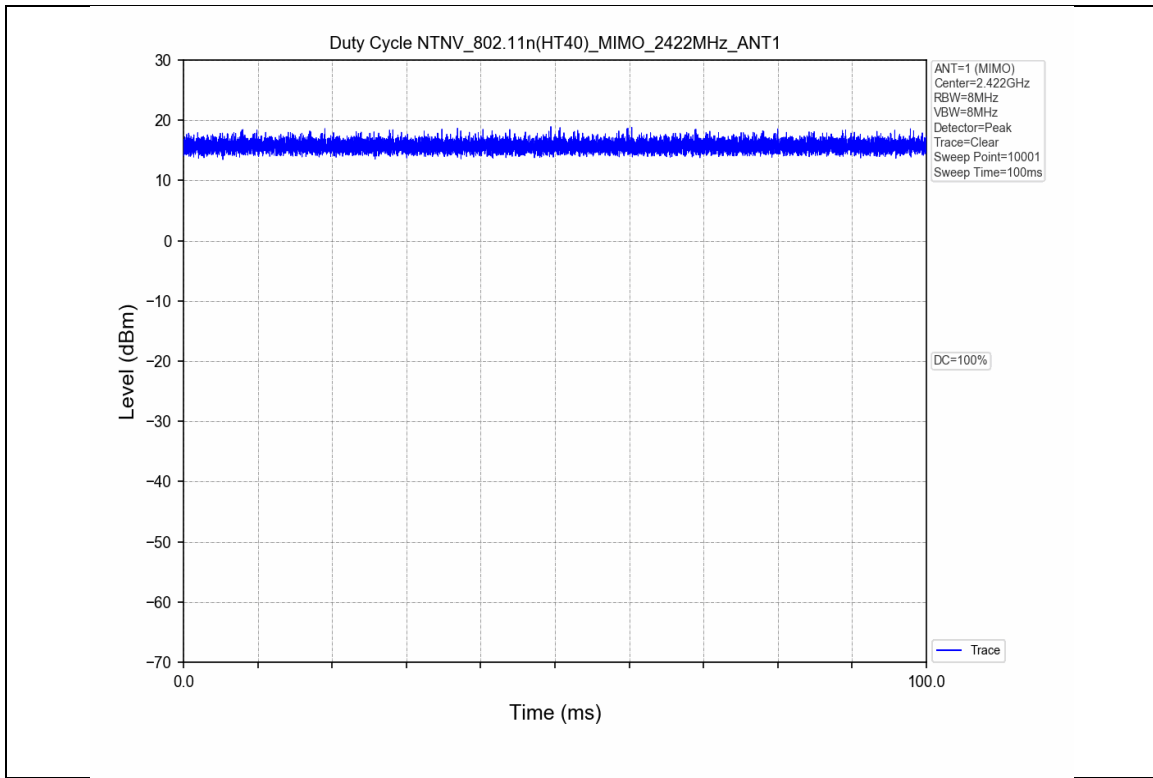


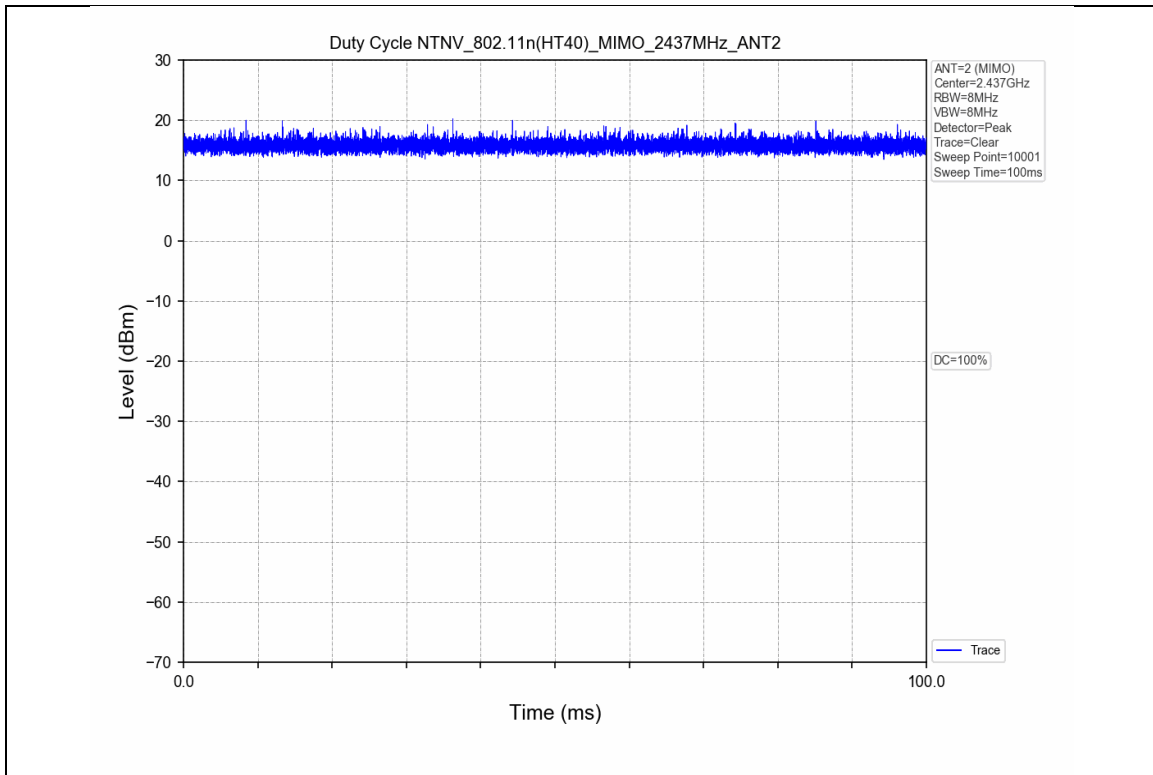
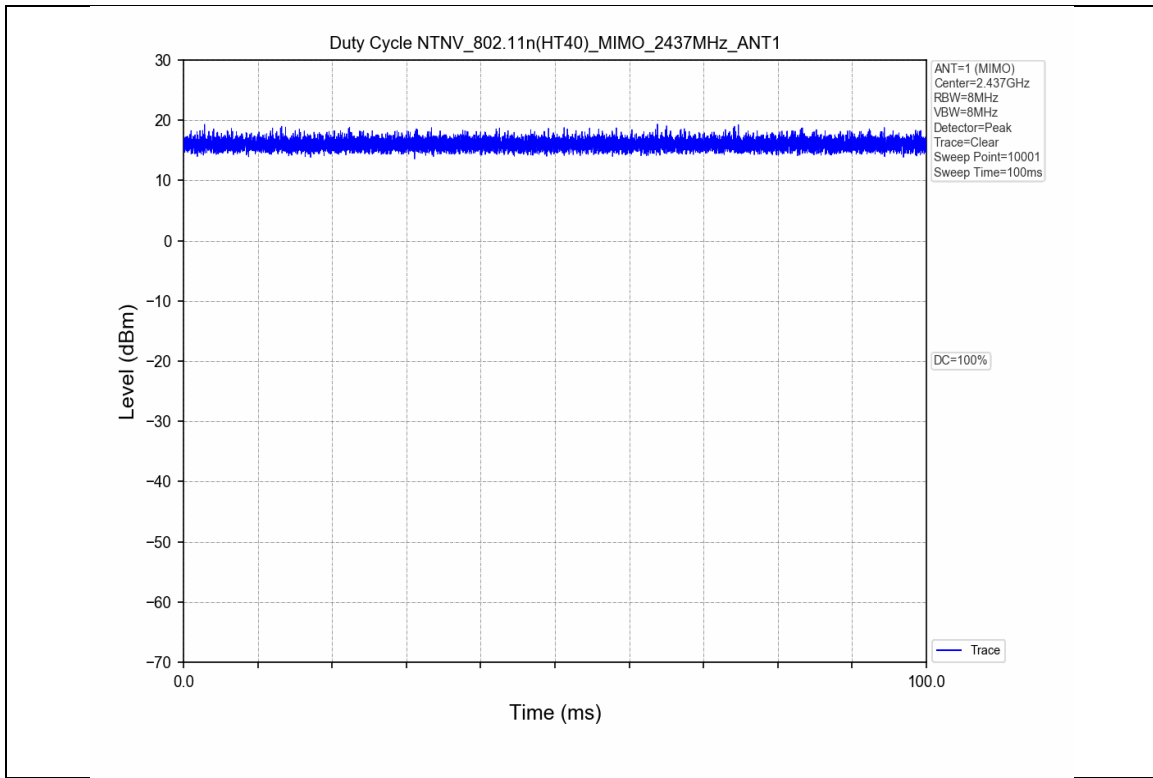


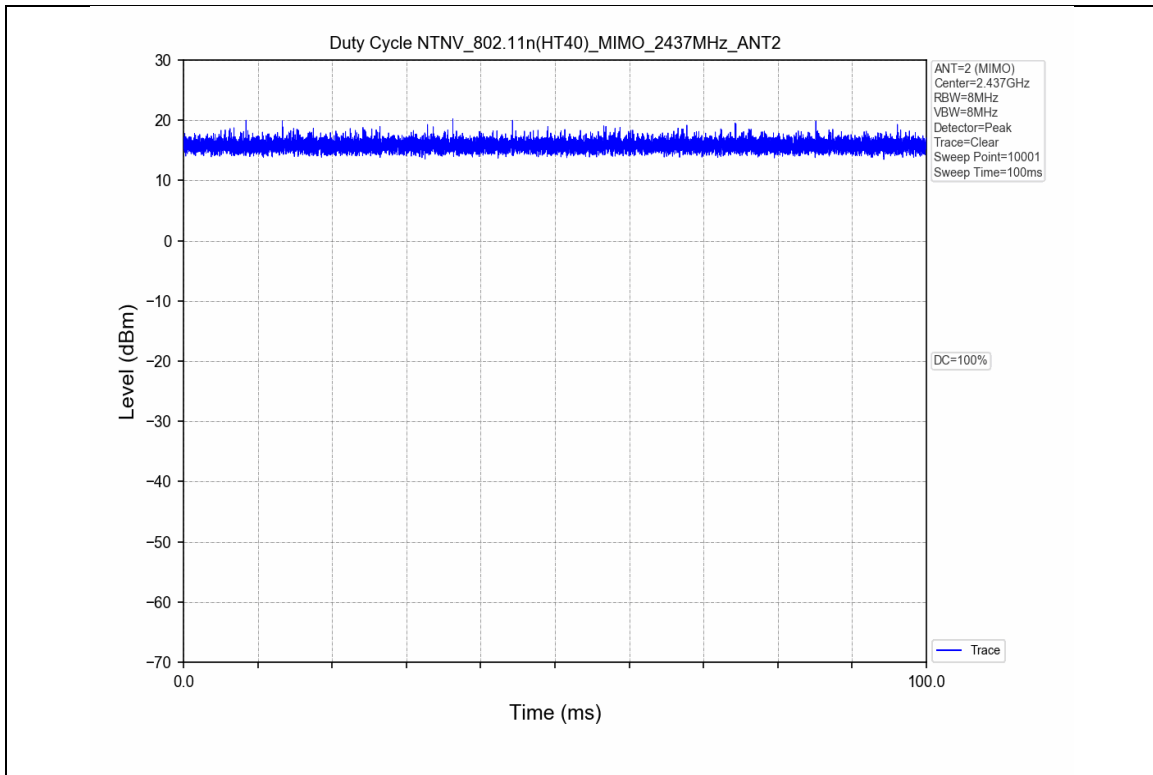
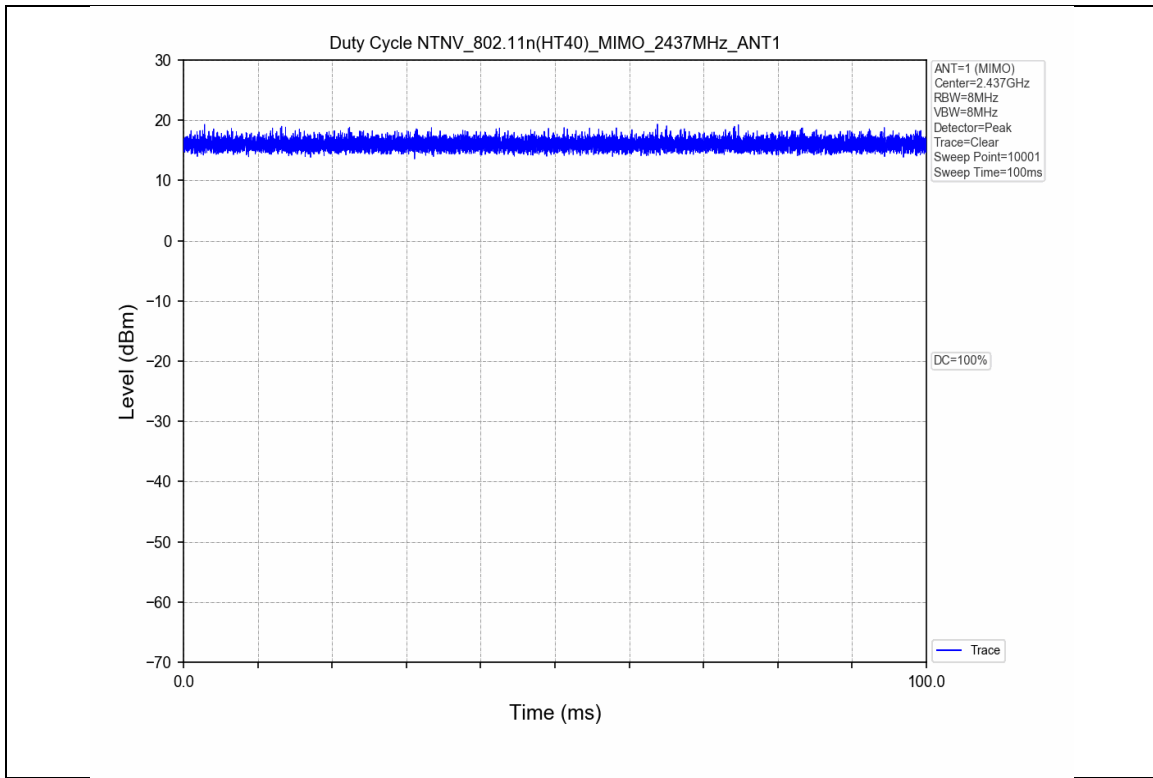


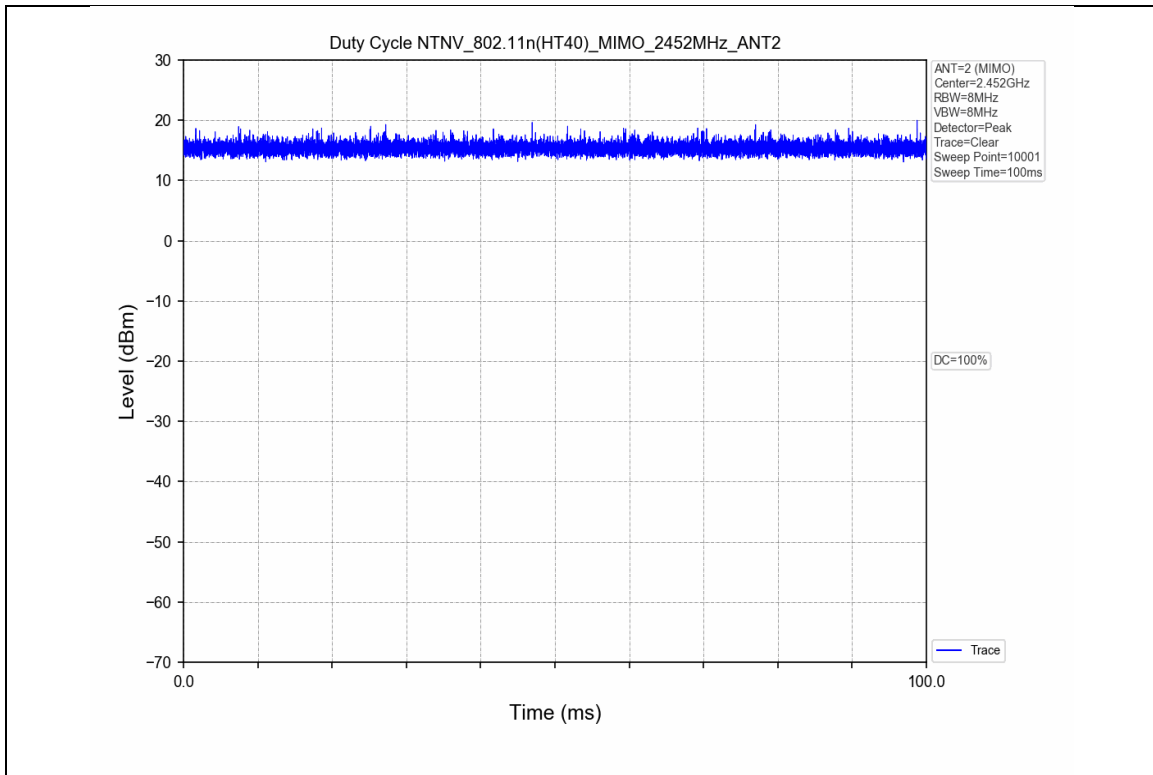
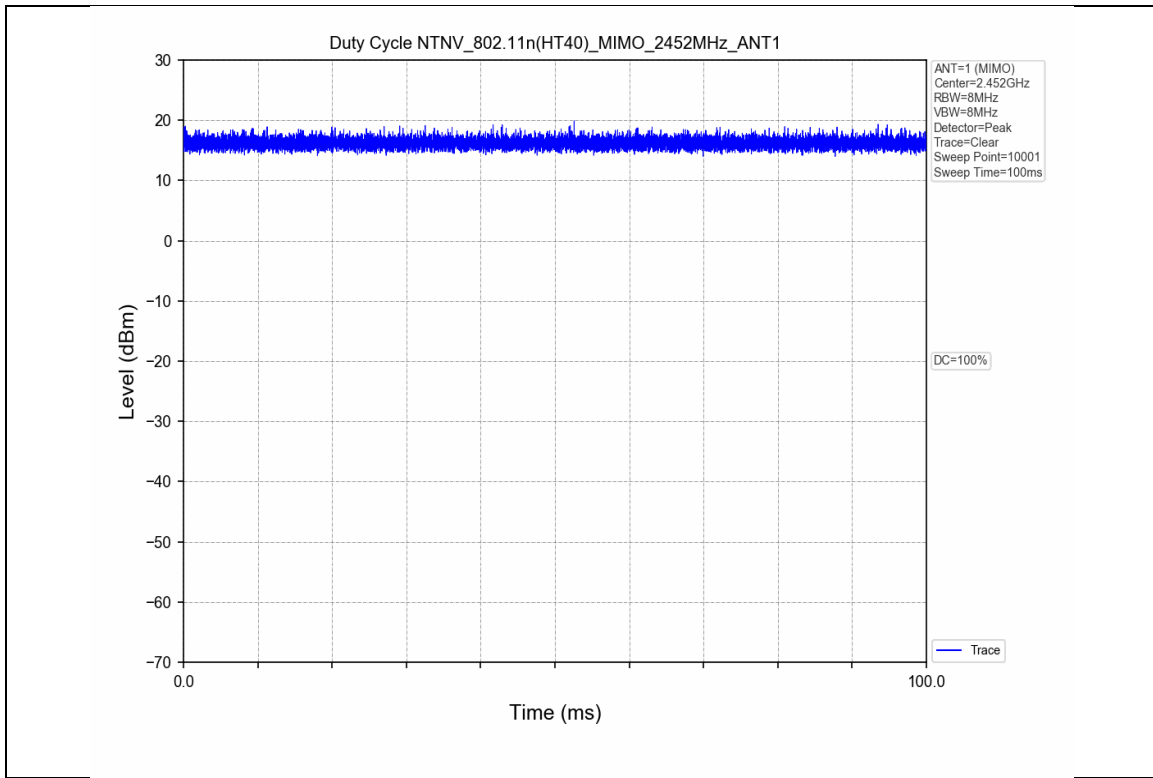


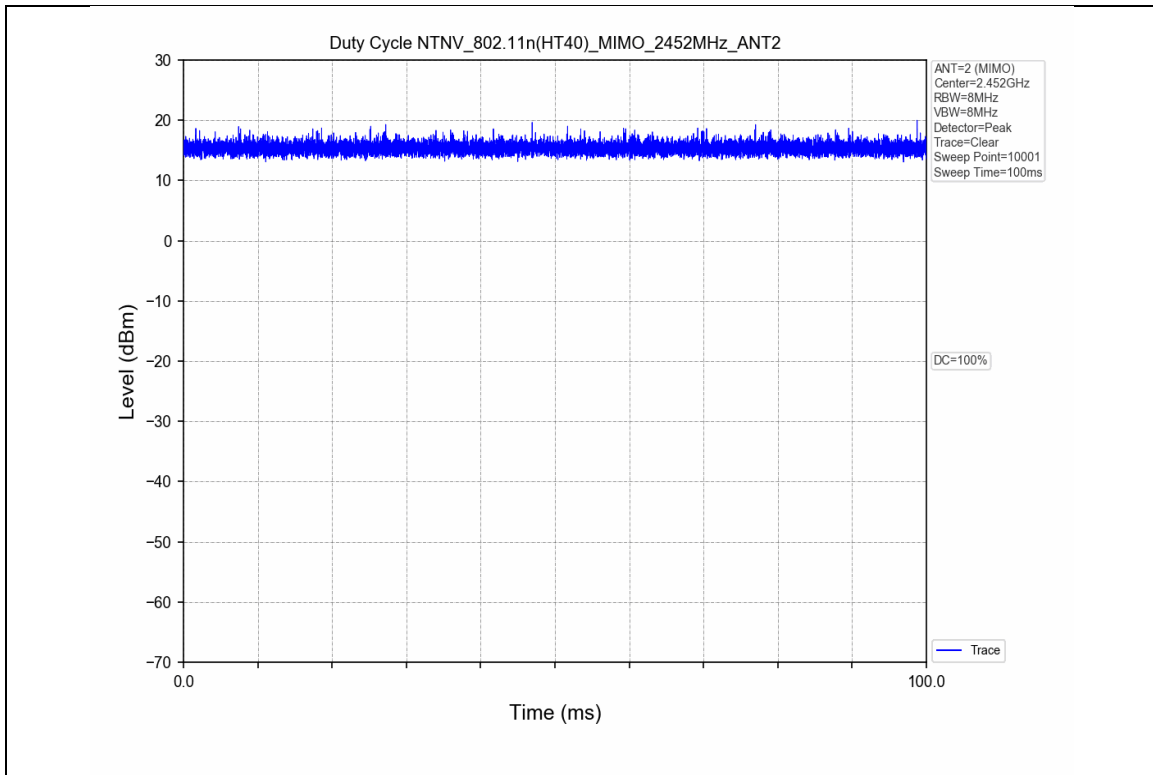
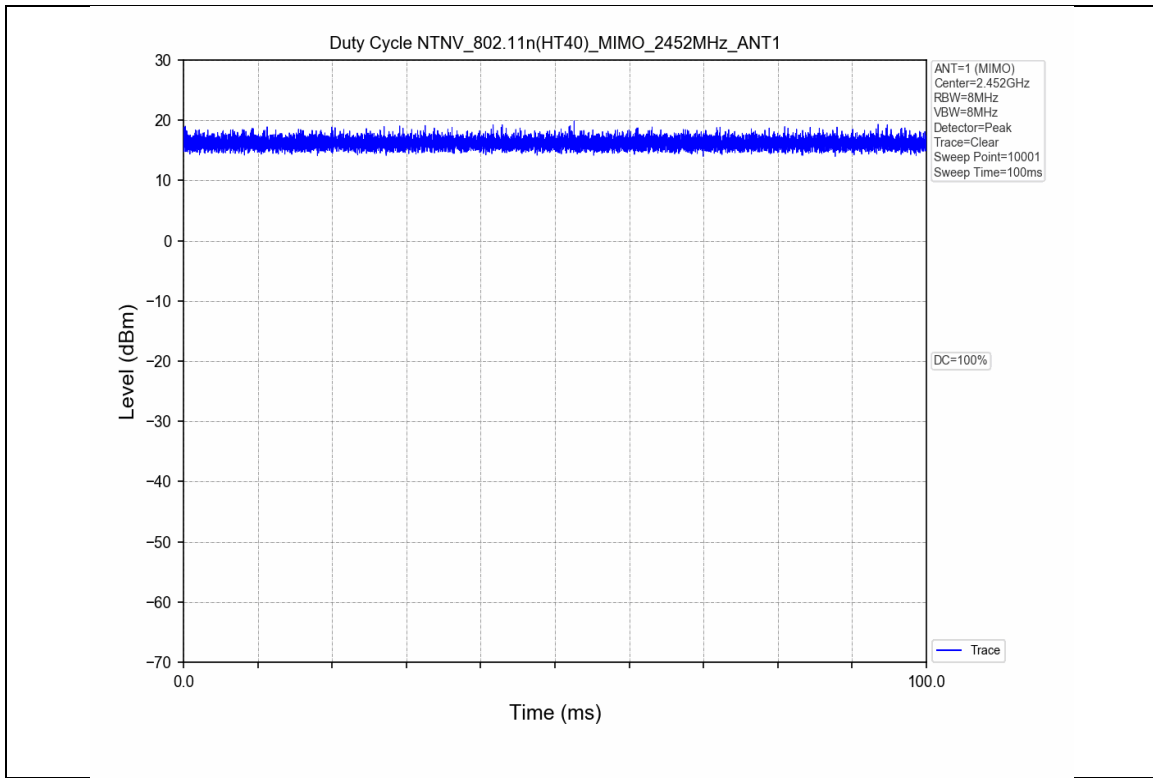












2. Bandwidth

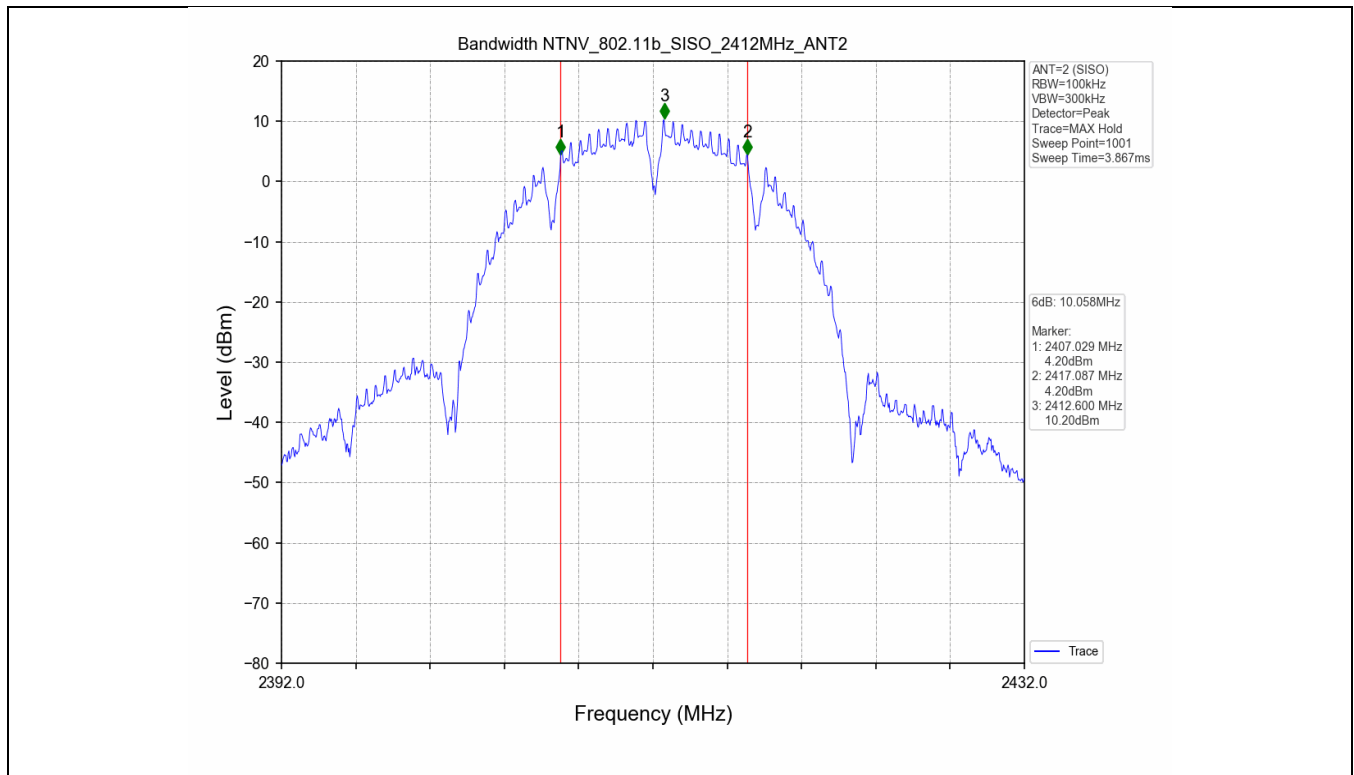
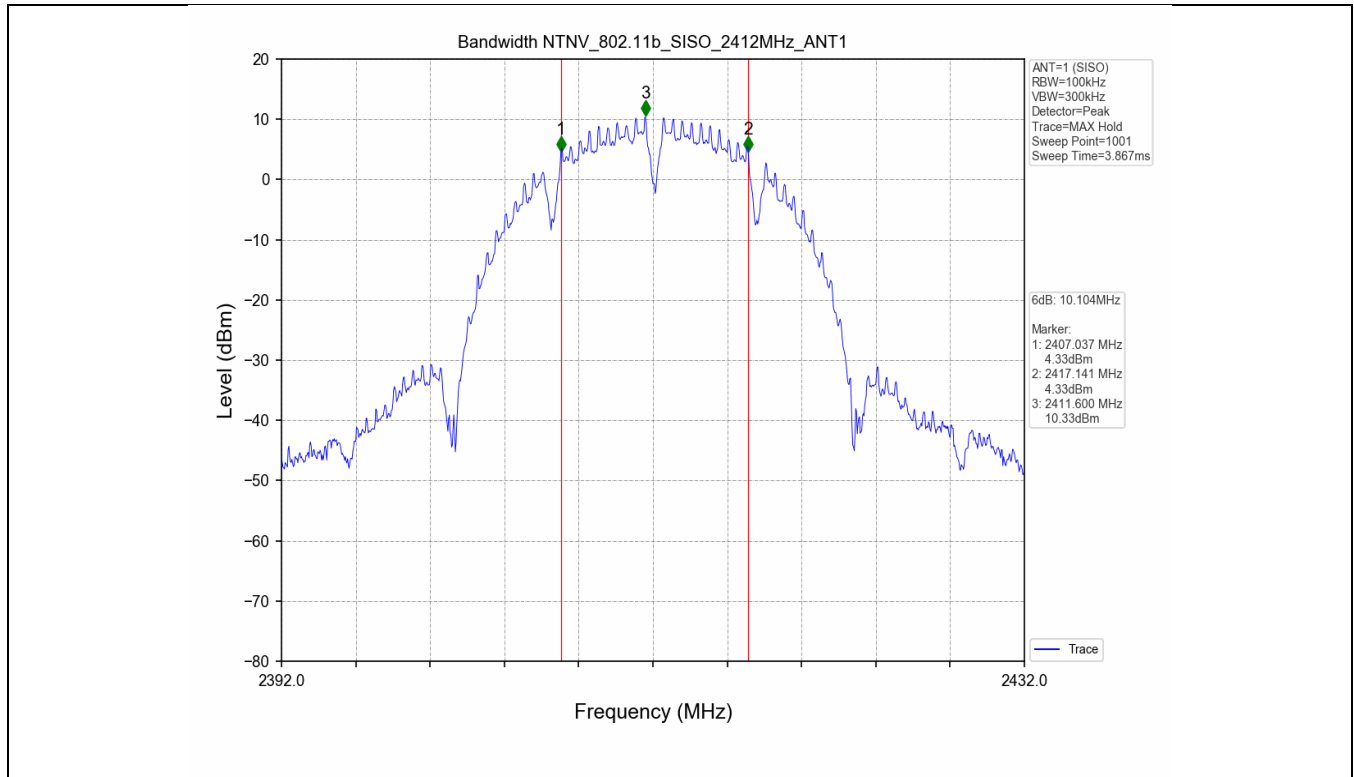


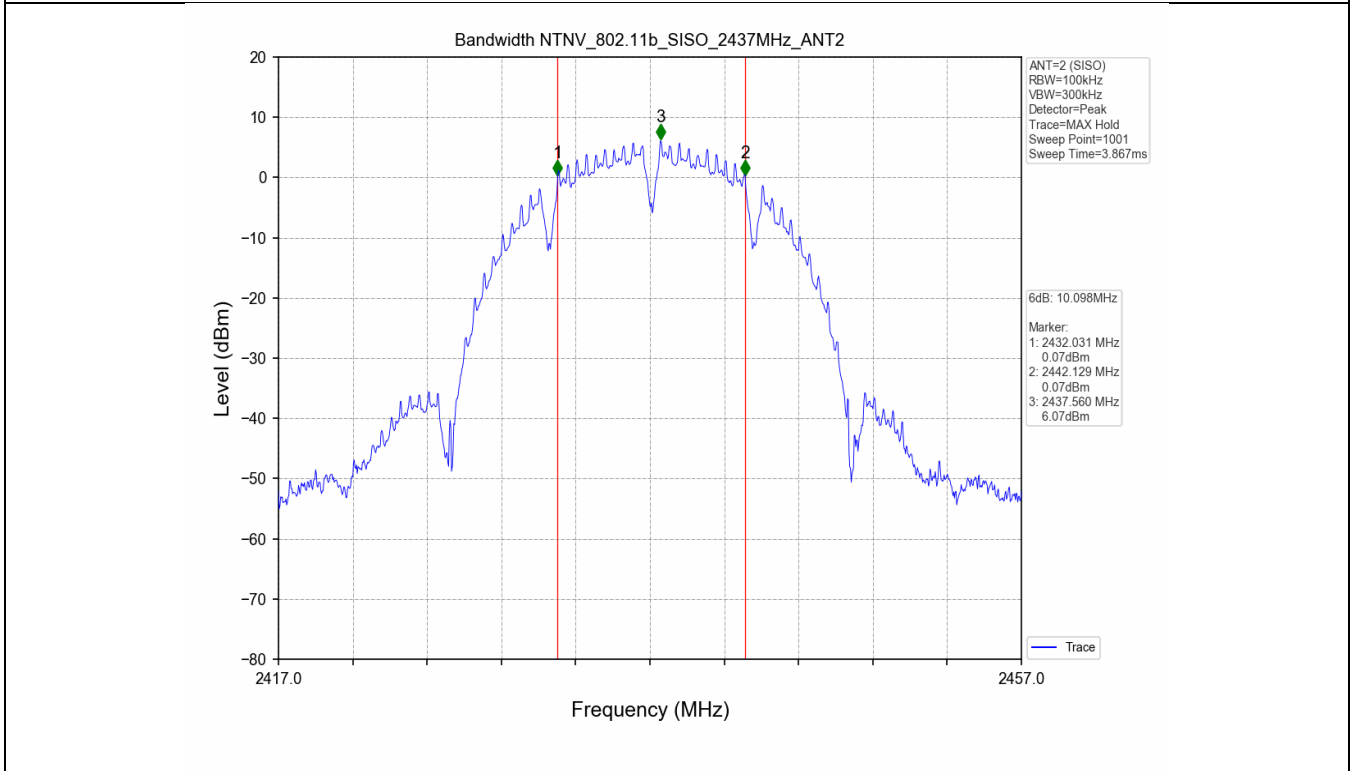
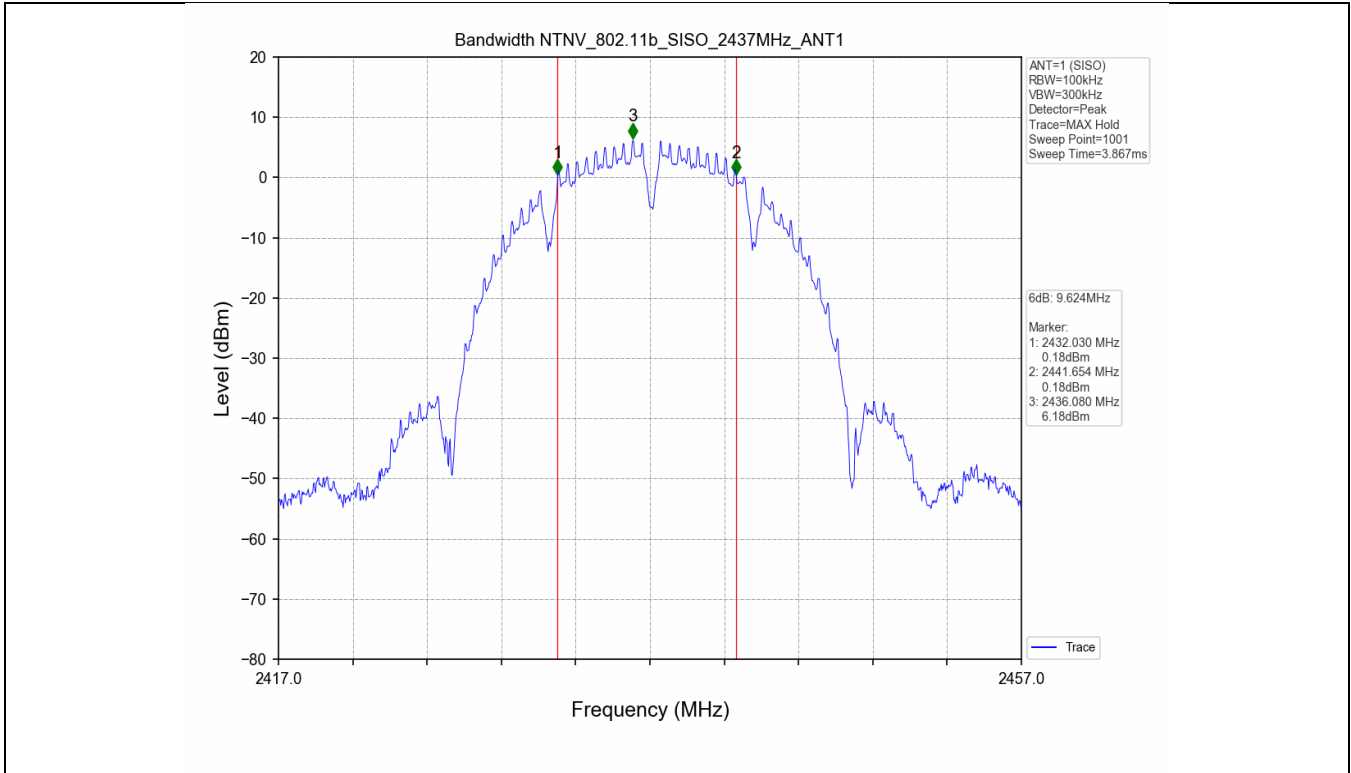
2.1 Test Result

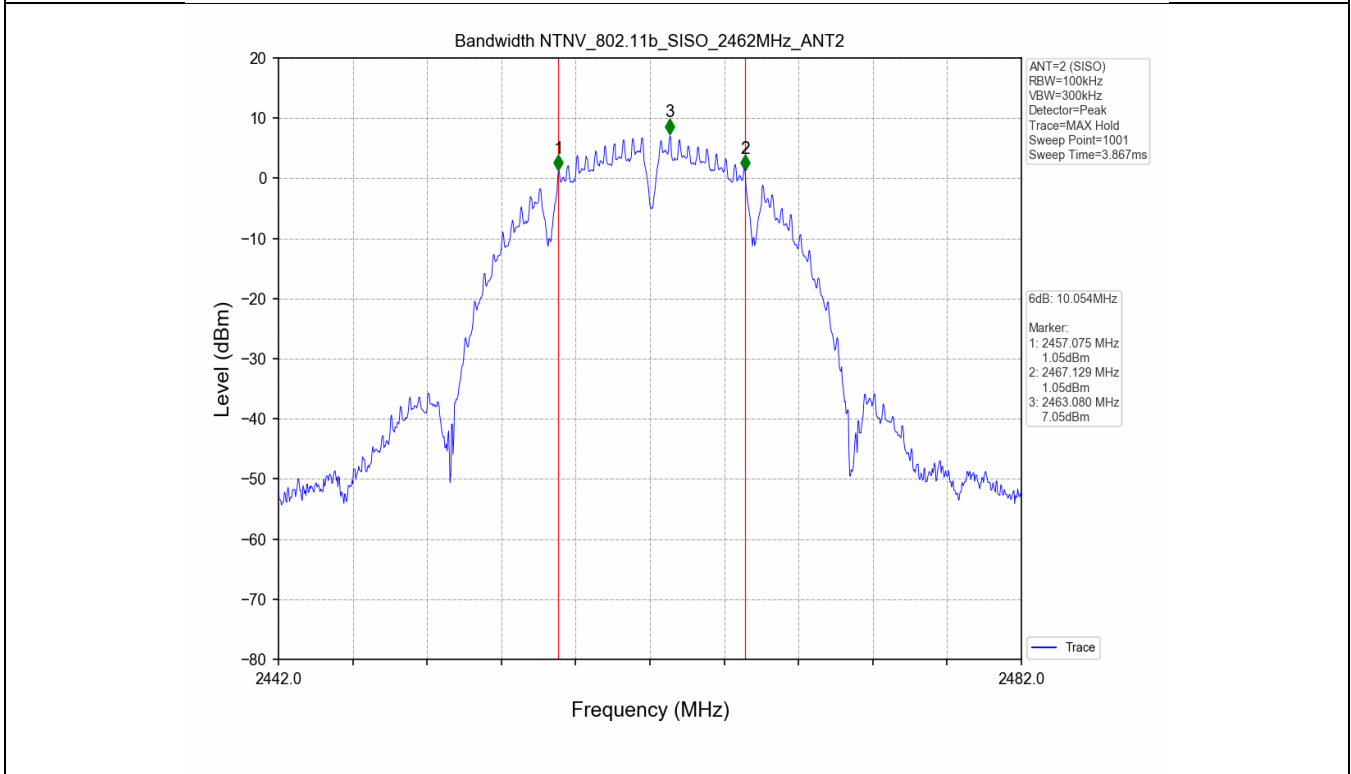
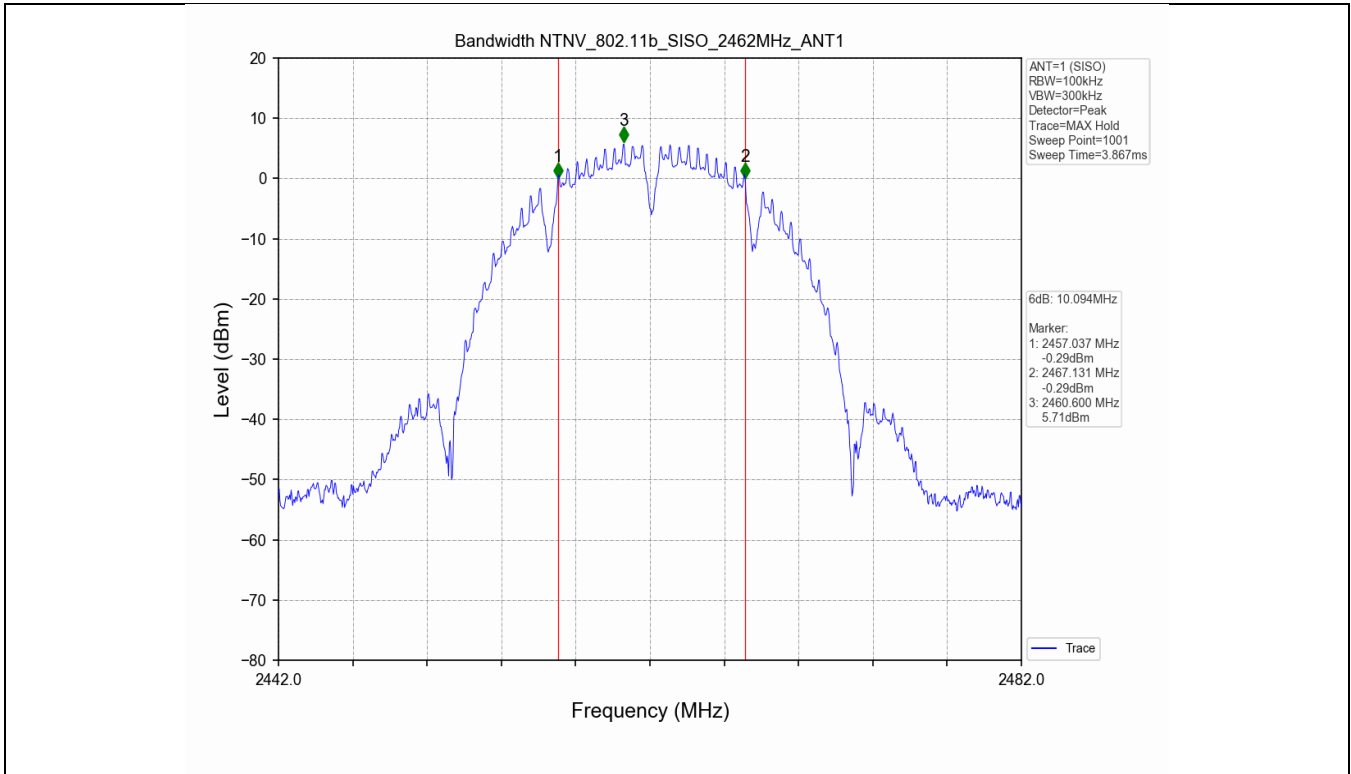
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	10.104	≥0.5	PASS
			2	10.058	≥0.5	PASS
	2437	SISO	1	9.624	≥0.5	PASS
			2	10.098	≥0.5	PASS
	2462	SISO	1	10.094	≥0.5	PASS
			2	10.054	≥0.5	PASS
802.11g	2412	SISO	1	16.384	≥0.5	PASS
			2	16.398	≥0.5	PASS
	2437	SISO	1	16.420	≥0.5	PASS
			2	16.402	≥0.5	PASS
	2462	SISO	1	16.384	≥0.5	PASS
			2	16.385	≥0.5	PASS
802.11n(HT20)	2412	MIMO	1	17.588	≥0.5	PASS
			2	17.591	≥0.5	PASS
	2437	MIMO	1	17.579	≥0.5	PASS
			2	17.618	≥0.5	PASS
	2462	MIMO	1	17.611	≥0.5	PASS
			2	17.616	≥0.5	PASS
802.11n(HT40)	2422	MIMO	1	35.596	≥0.5	PASS
			2	35.981	≥0.5	PASS
	2437	MIMO	1	35.869	≥0.5	PASS
			2	36.126	≥0.5	PASS
	2452	MIMO	1	35.821	≥0.5	PASS
			2	35.580	≥0.5	PASS

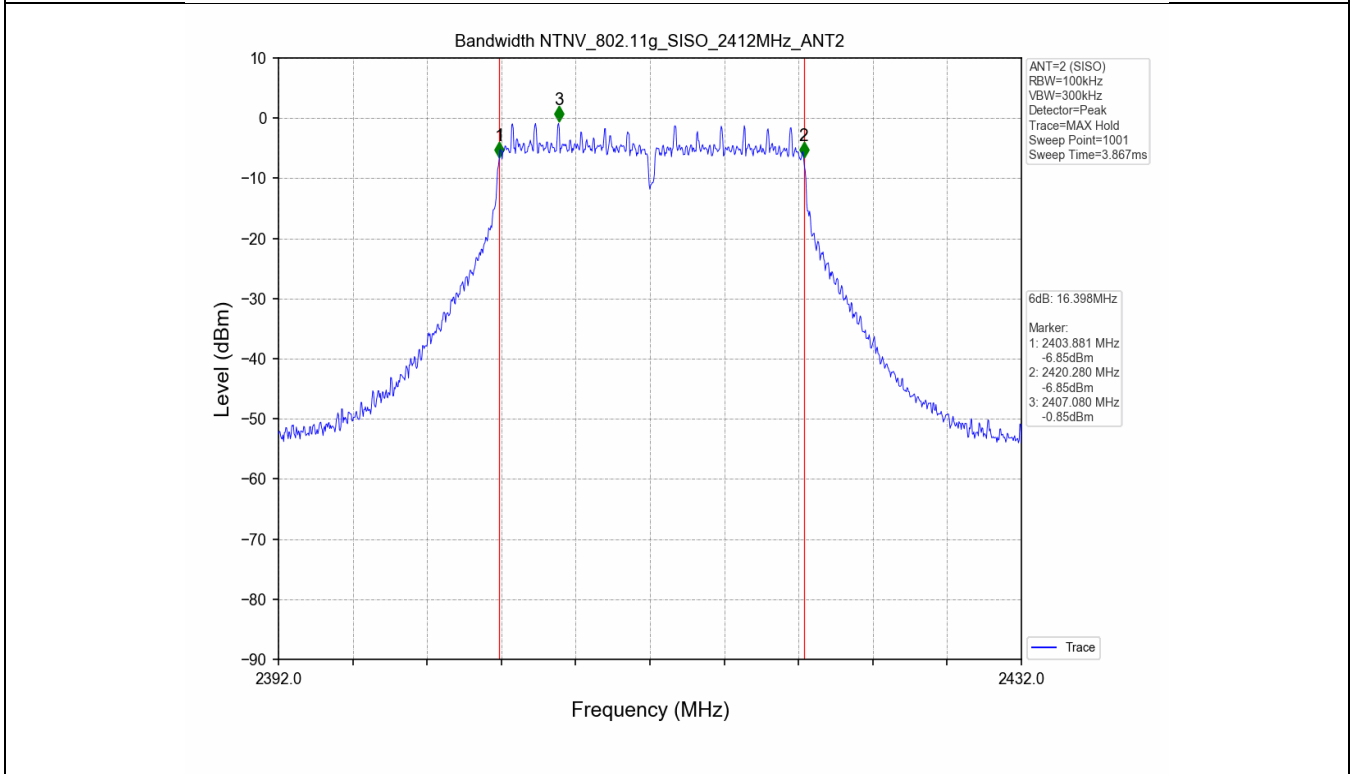
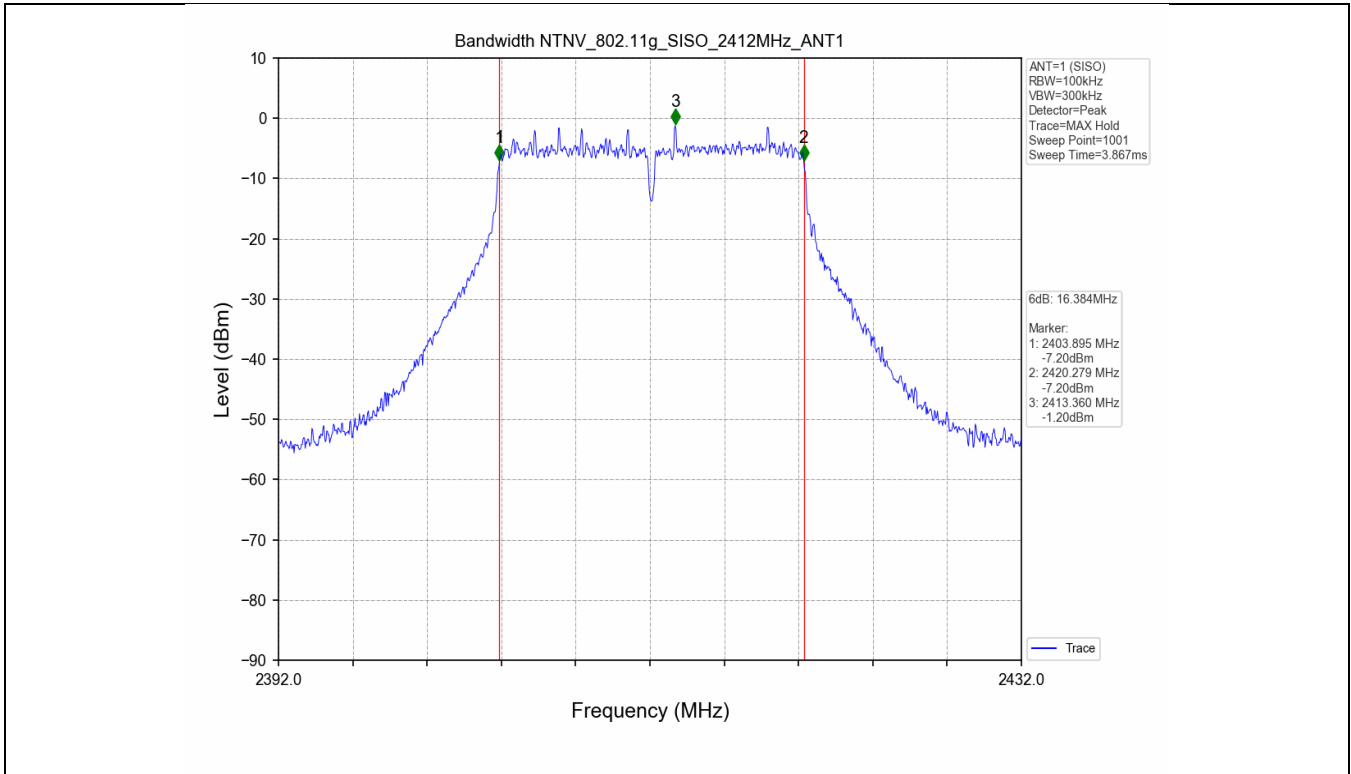
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.998	Only for Report Use
			2	14.999	Only for Report Use
	2437	SISO	1	14.953	Only for Report Use
			2	14.998	Only for Report Use
	2462	SISO	1	14.962	Only for Report Use
			2	14.946	Only for Report Use
802.11g	2412	SISO	1	16.922	Only for Report Use
			2	16.861	Only for Report Use
	2437	SISO	1	16.914	Only for Report Use
			2	16.823	Only for Report Use
	2462	SISO	1	16.865	Only for Report Use
			2	16.825	Only for Report Use
802.11n(HT20)	2412	MIMO	1	17.975	Only for Report Use
			2	17.994	Only for Report Use
	2437	MIMO	1	17.998	Only for Report Use
			2	18.035	Only for Report Use
	2462	MIMO	1	17.982	Only for Report Use
			2	17.993	Only for Report Use
802.11n(HT40)	2422	MIMO	1	36.091	Only for Report Use
			2	36.137	Only for Report Use
	2437	MIMO	1	36.070	Only for Report Use
			2	36.127	Only for Report Use
	2452	MIMO	1	36.036	Only for Report Use
			2	36.101	Only for Report Use

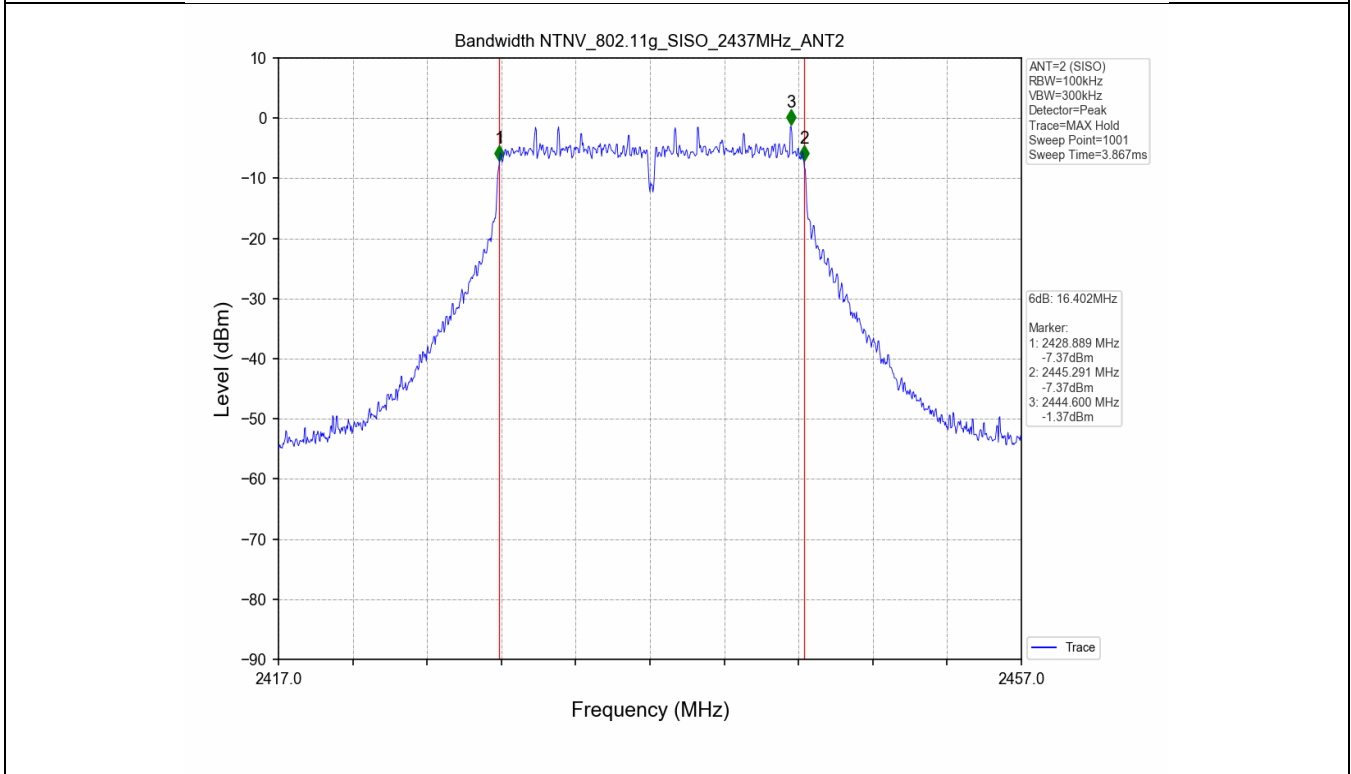
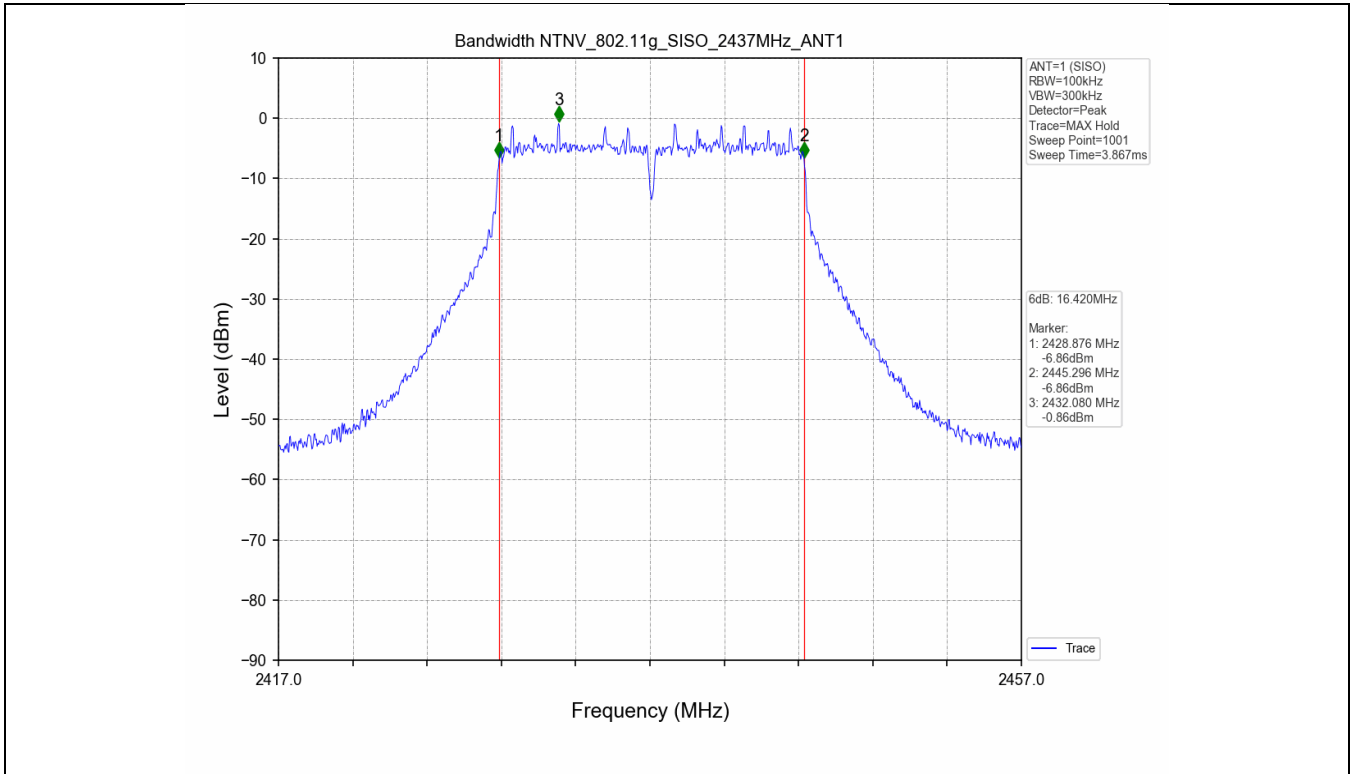
2.2 Test Graph - 6dB Bandwidth

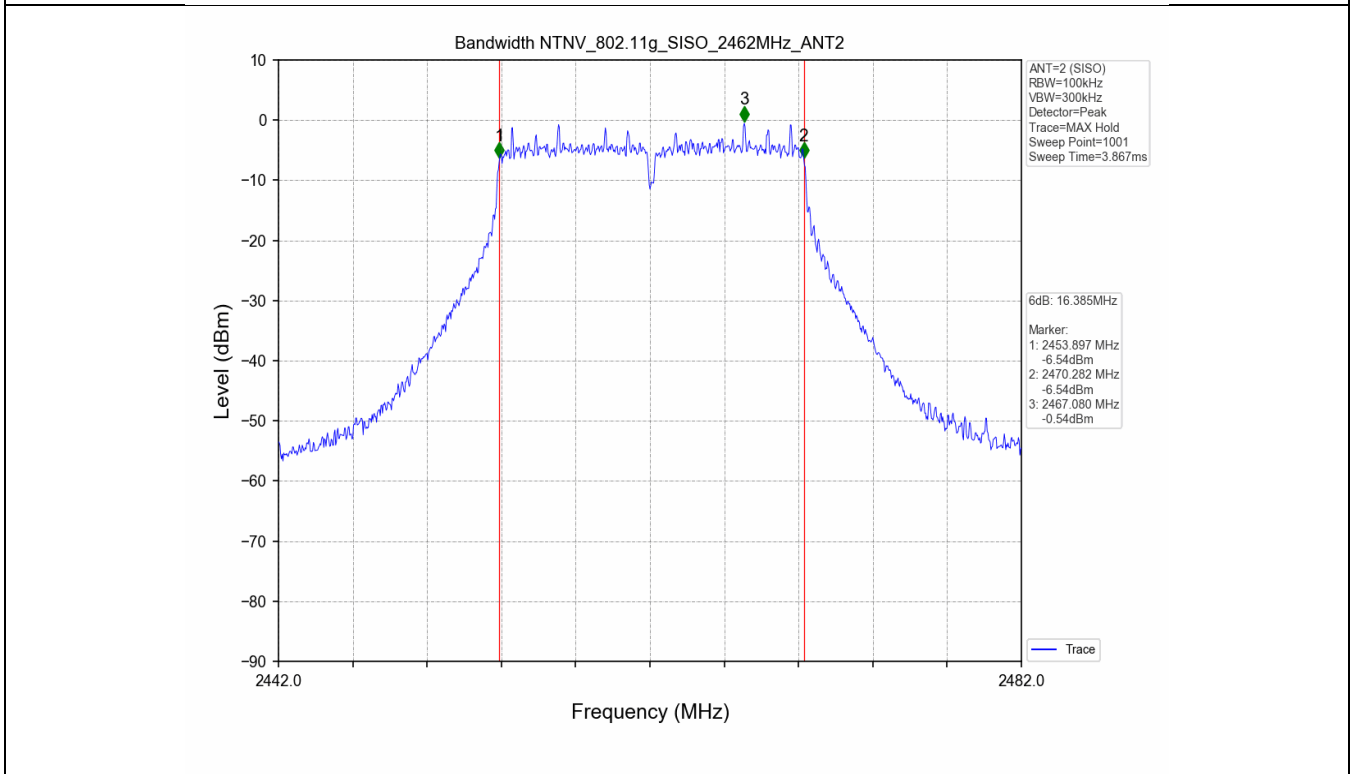
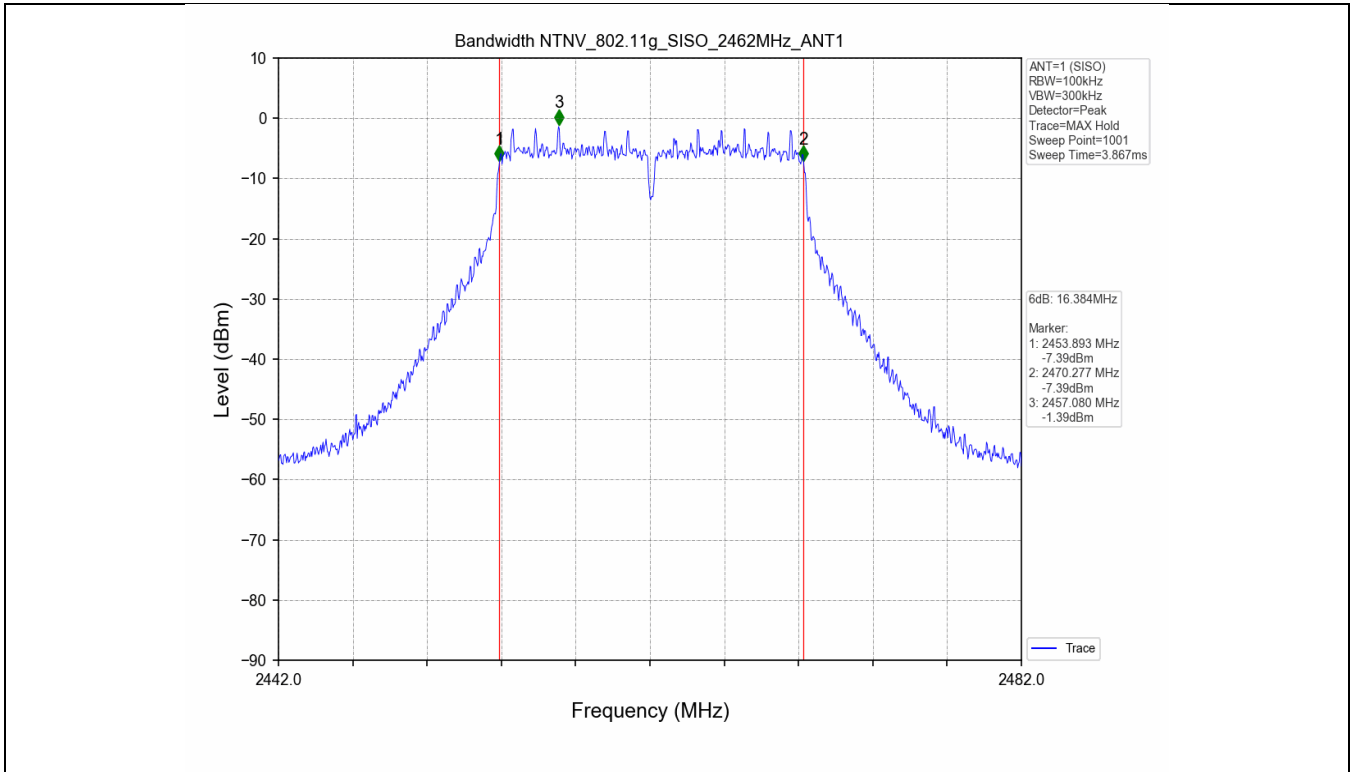


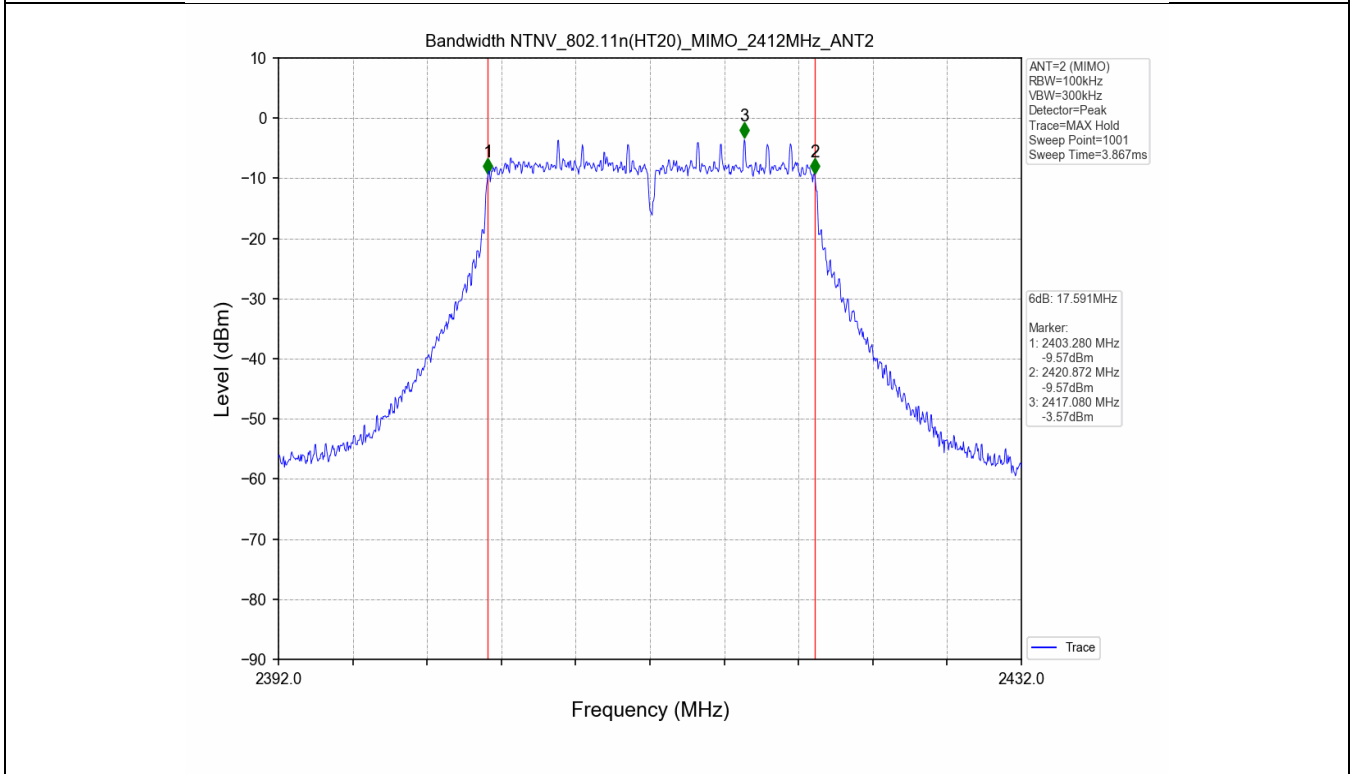
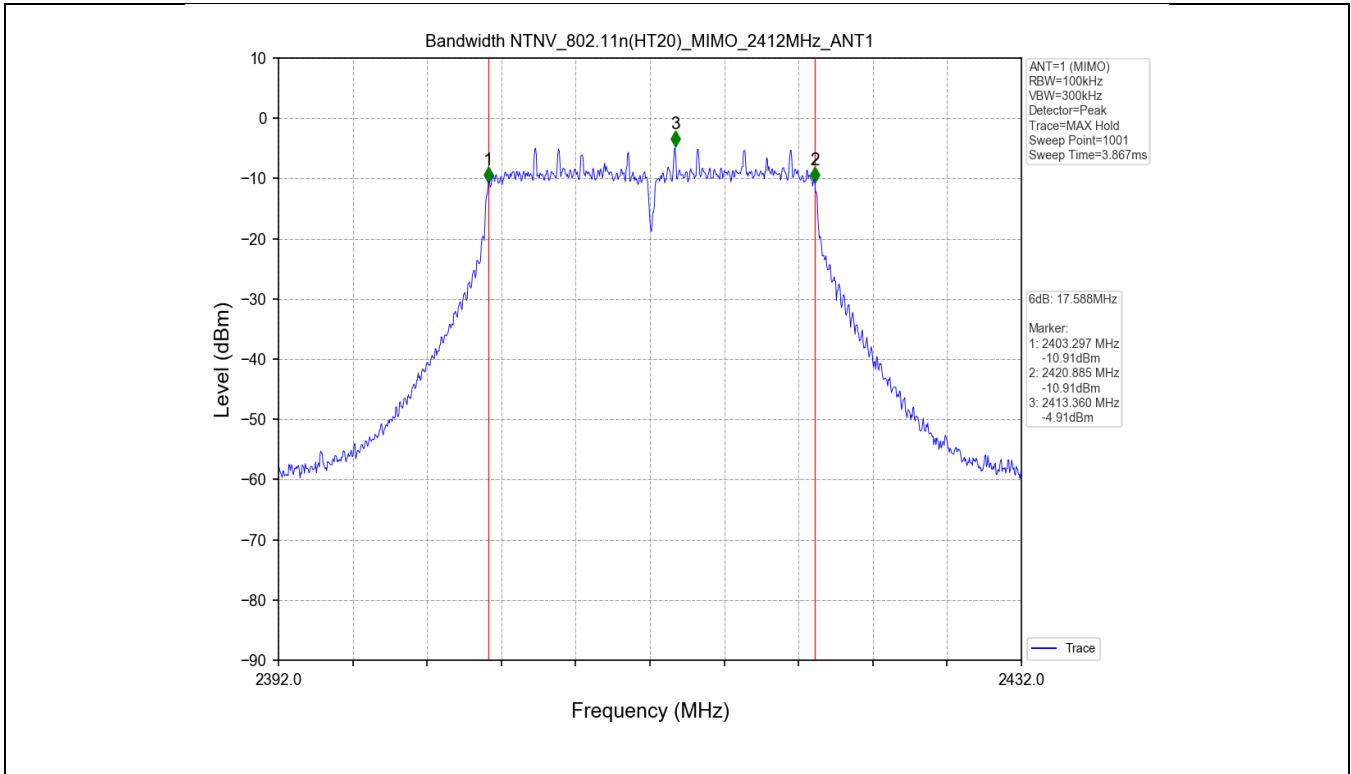


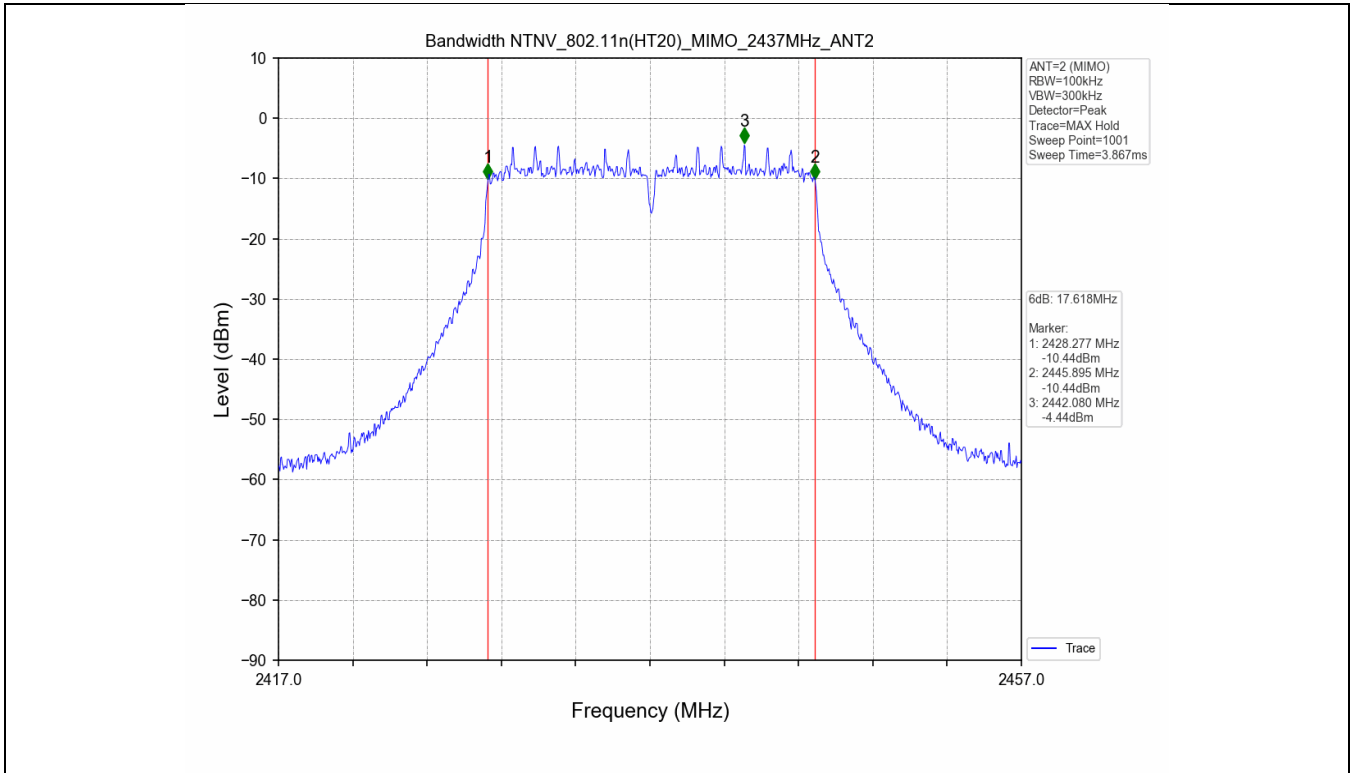
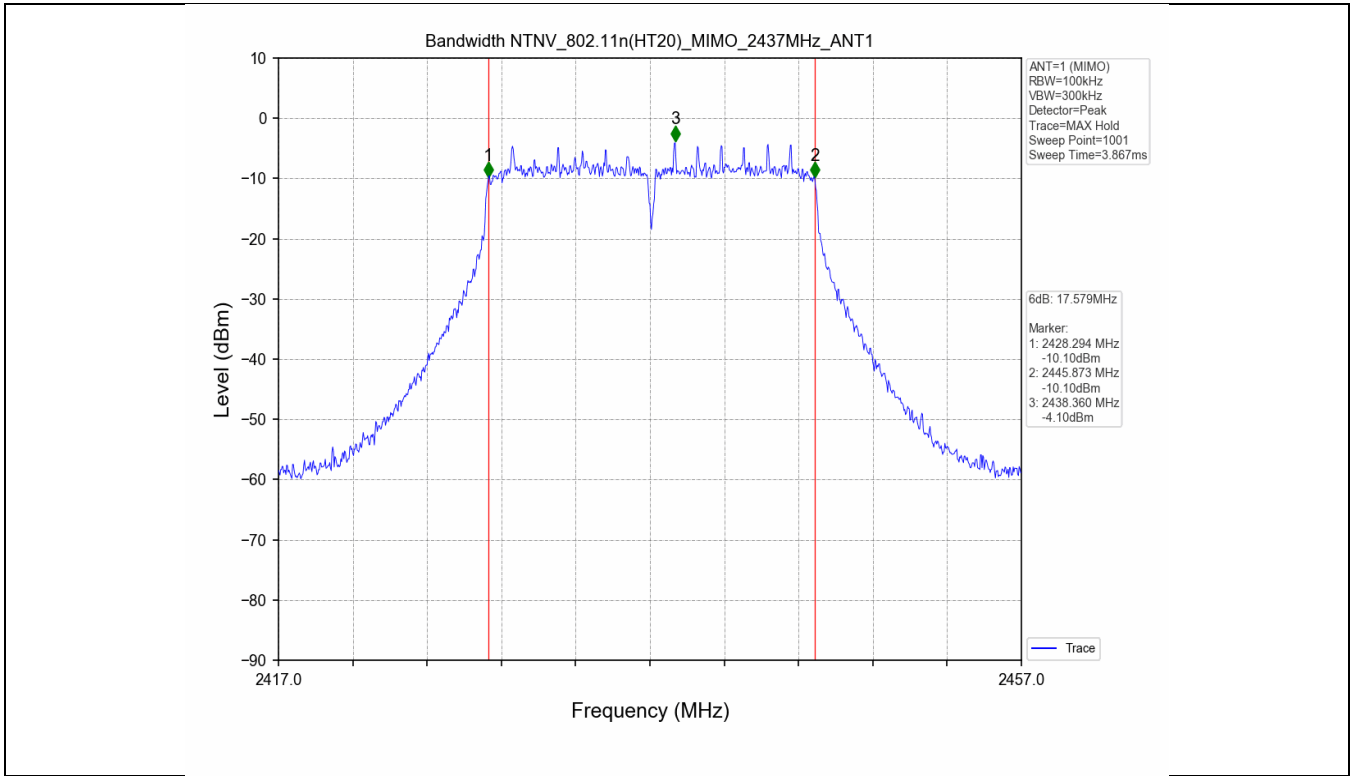


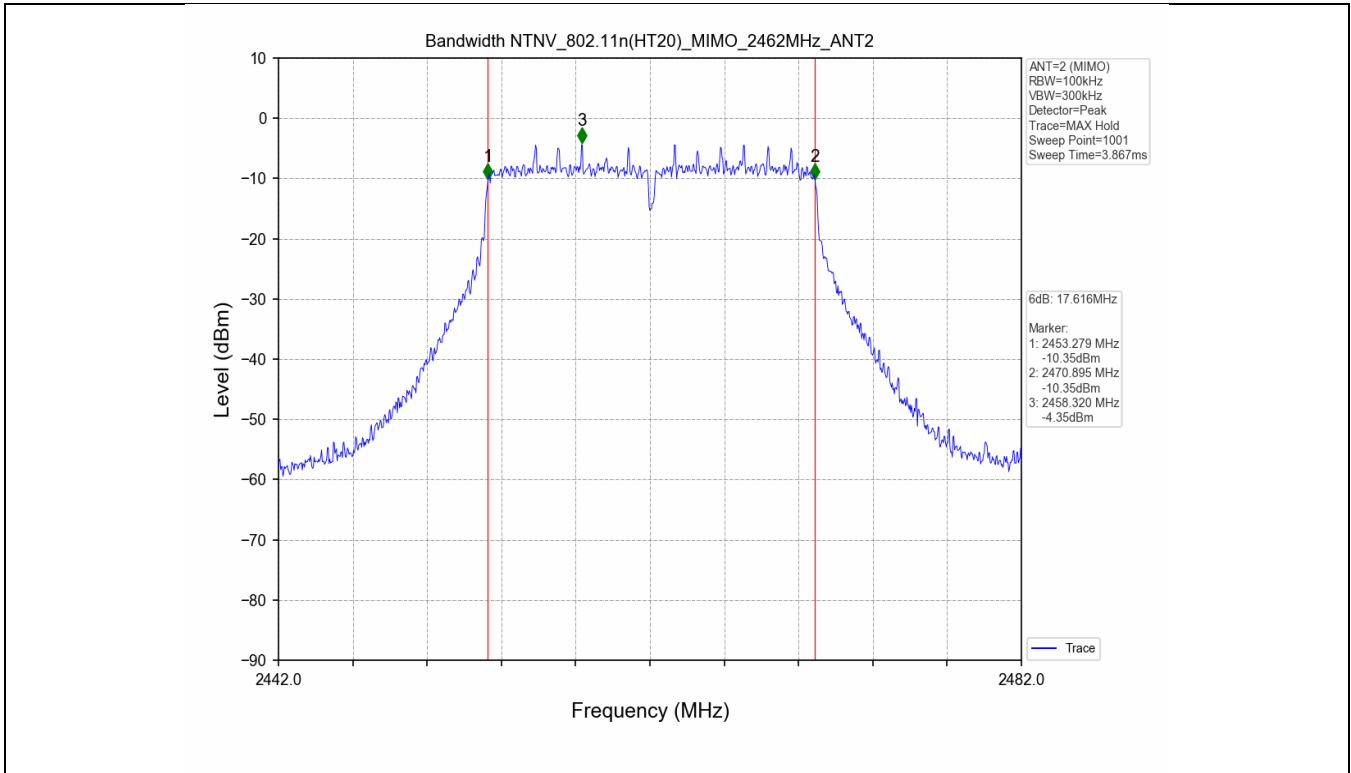
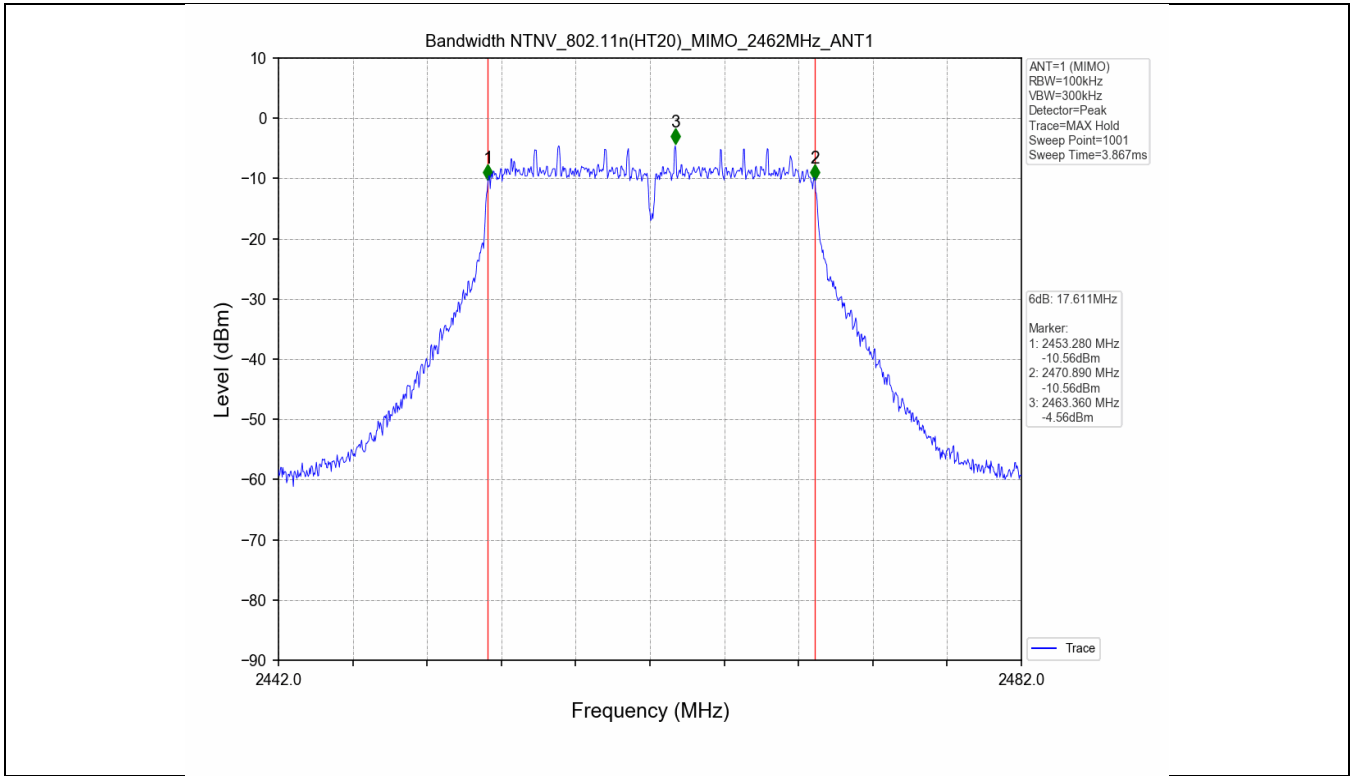


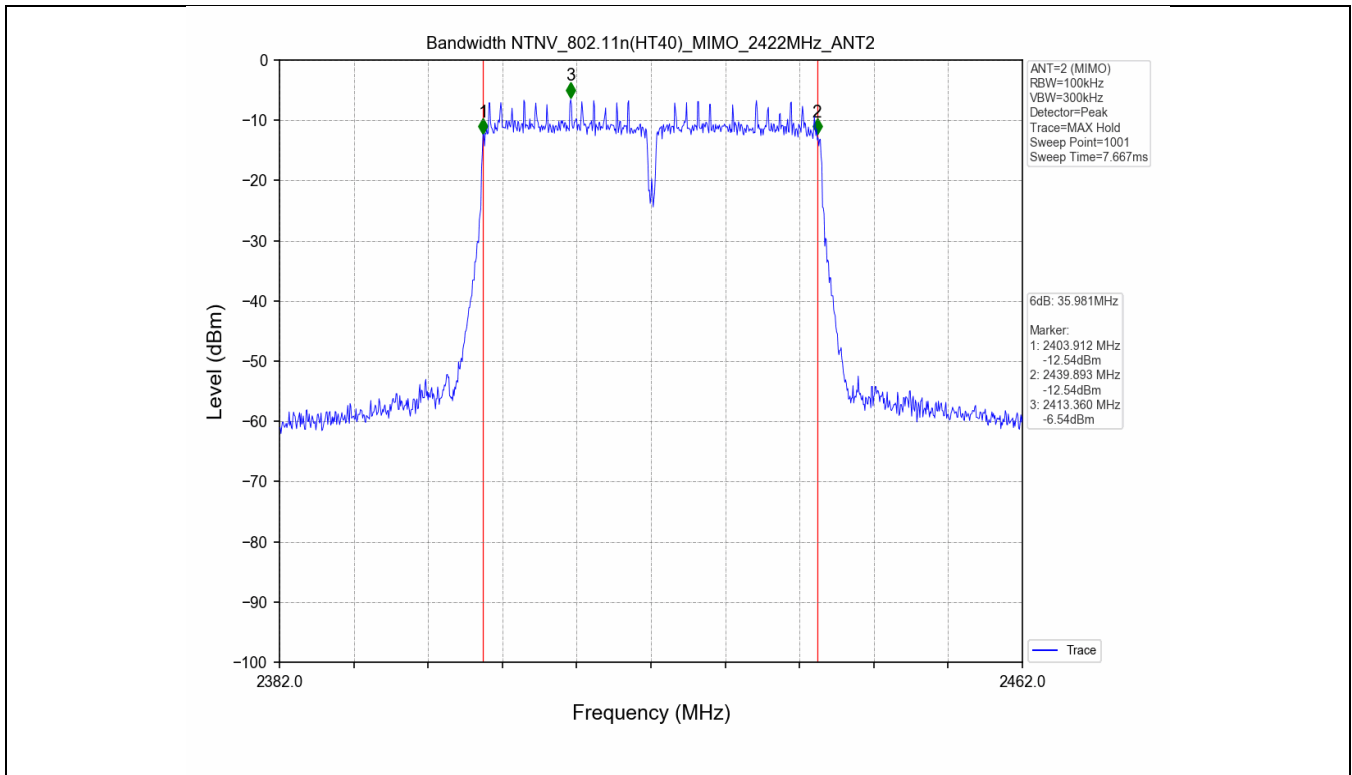
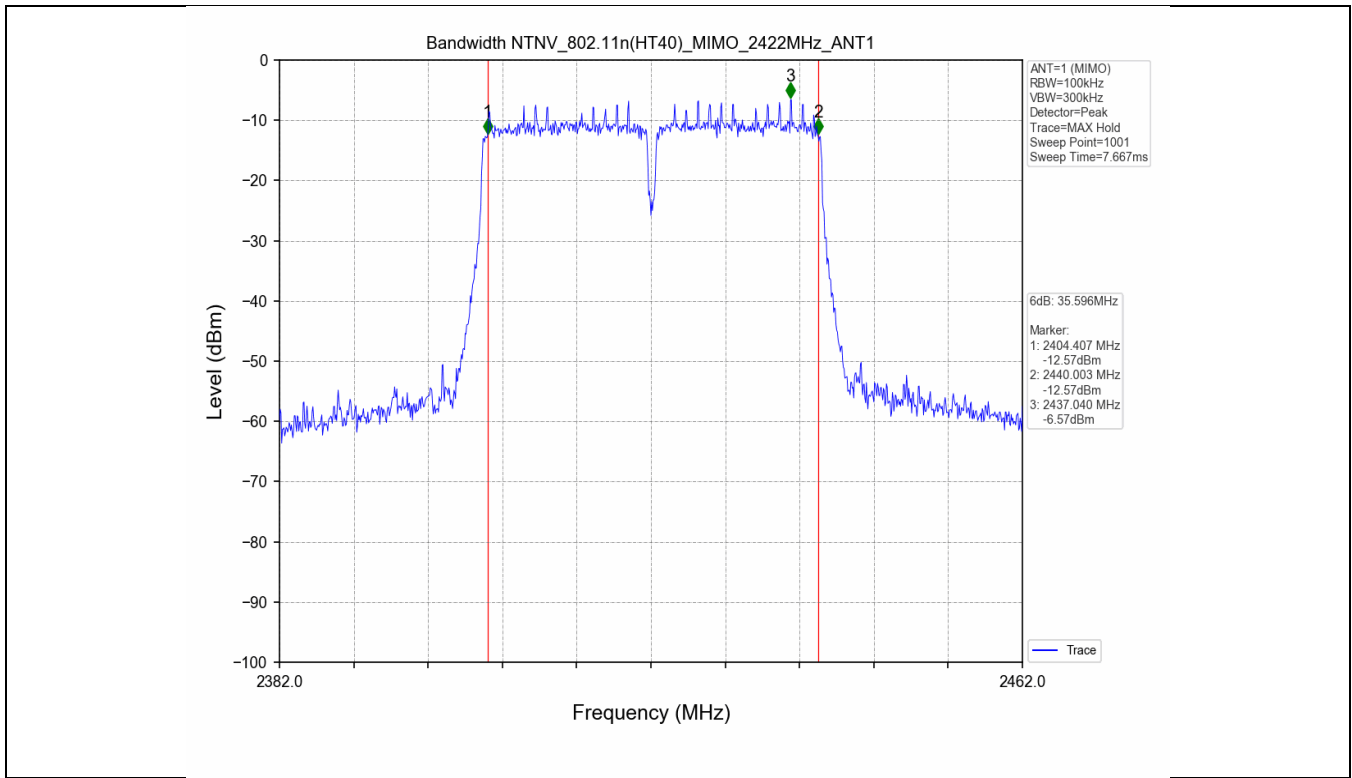


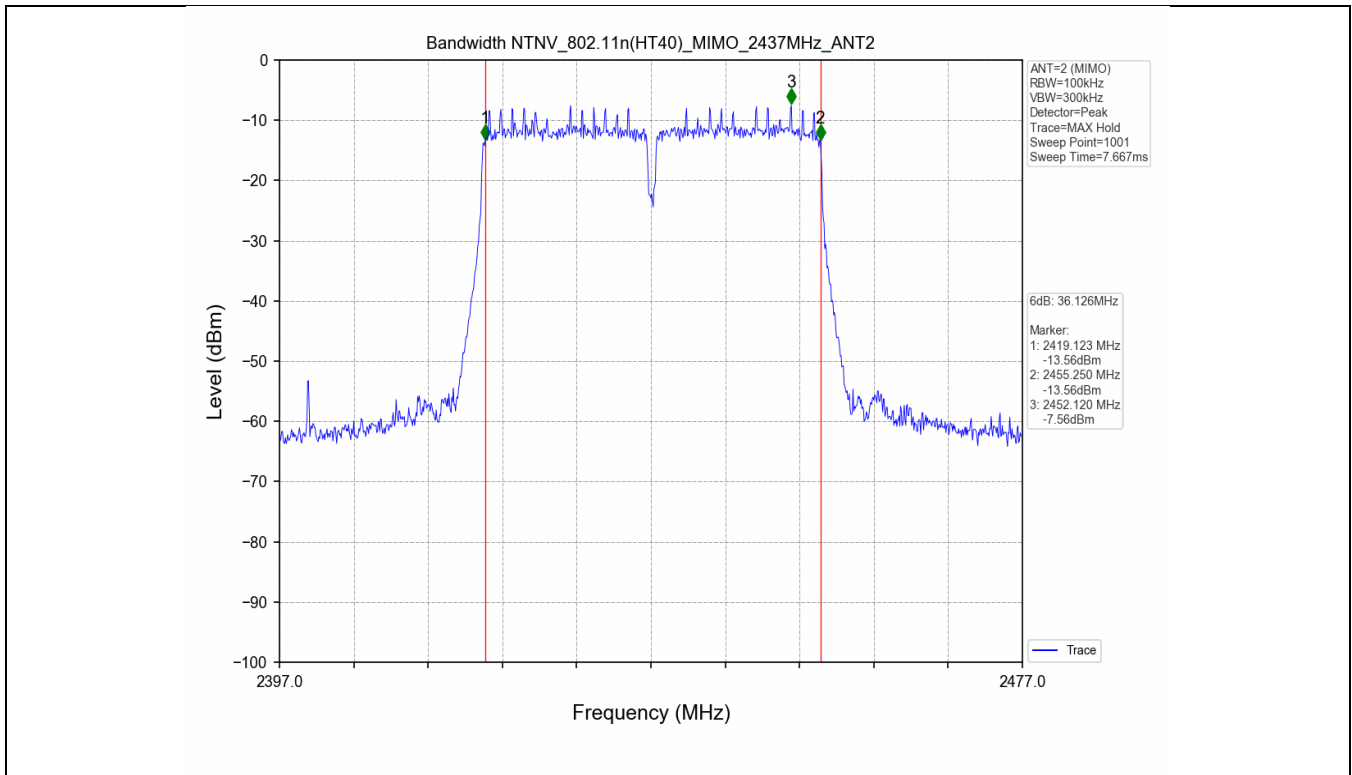
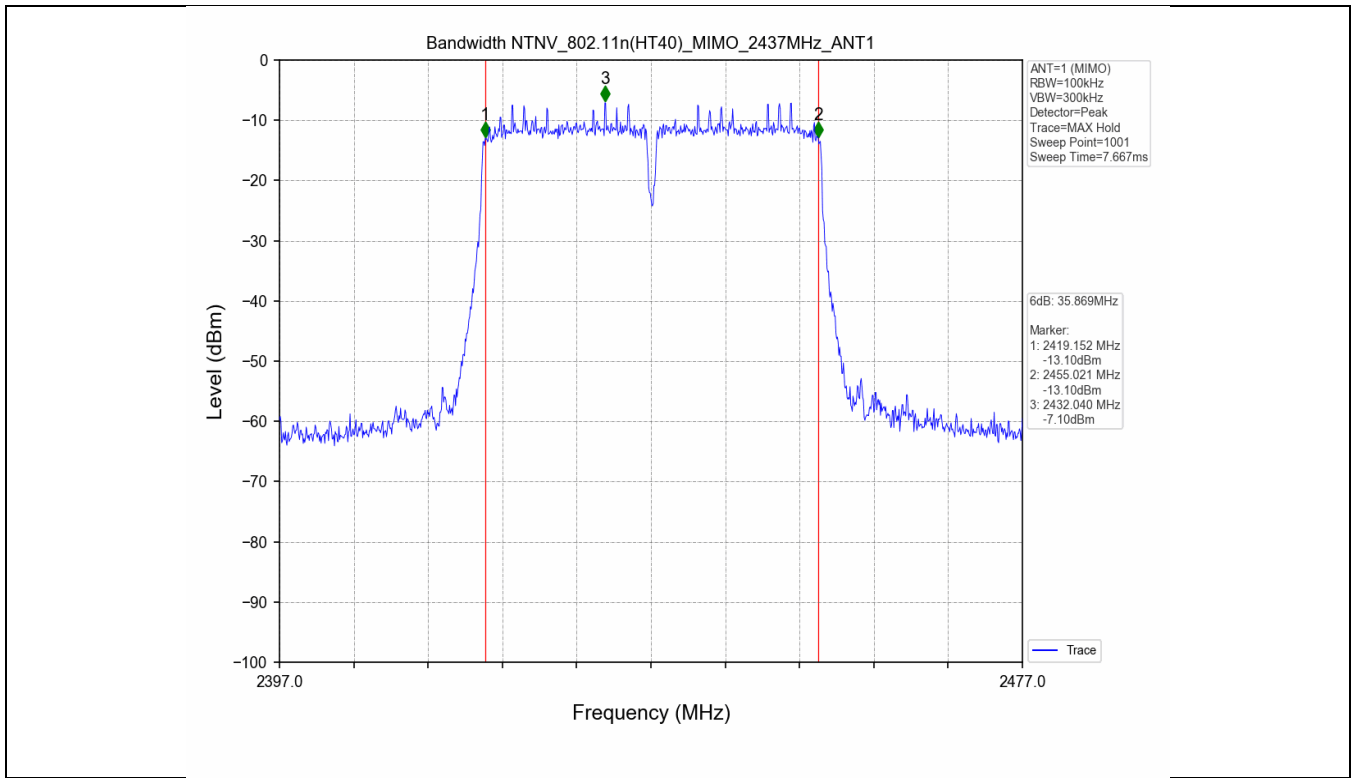


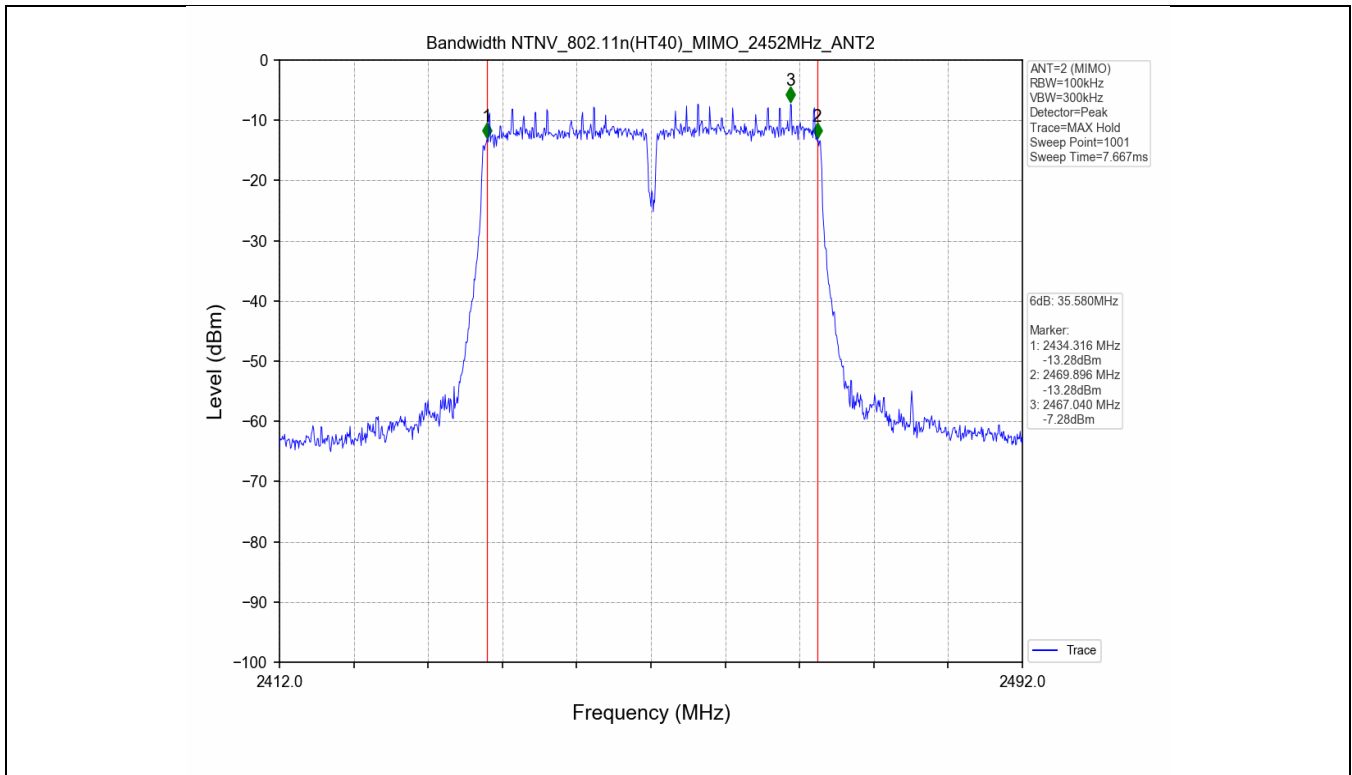
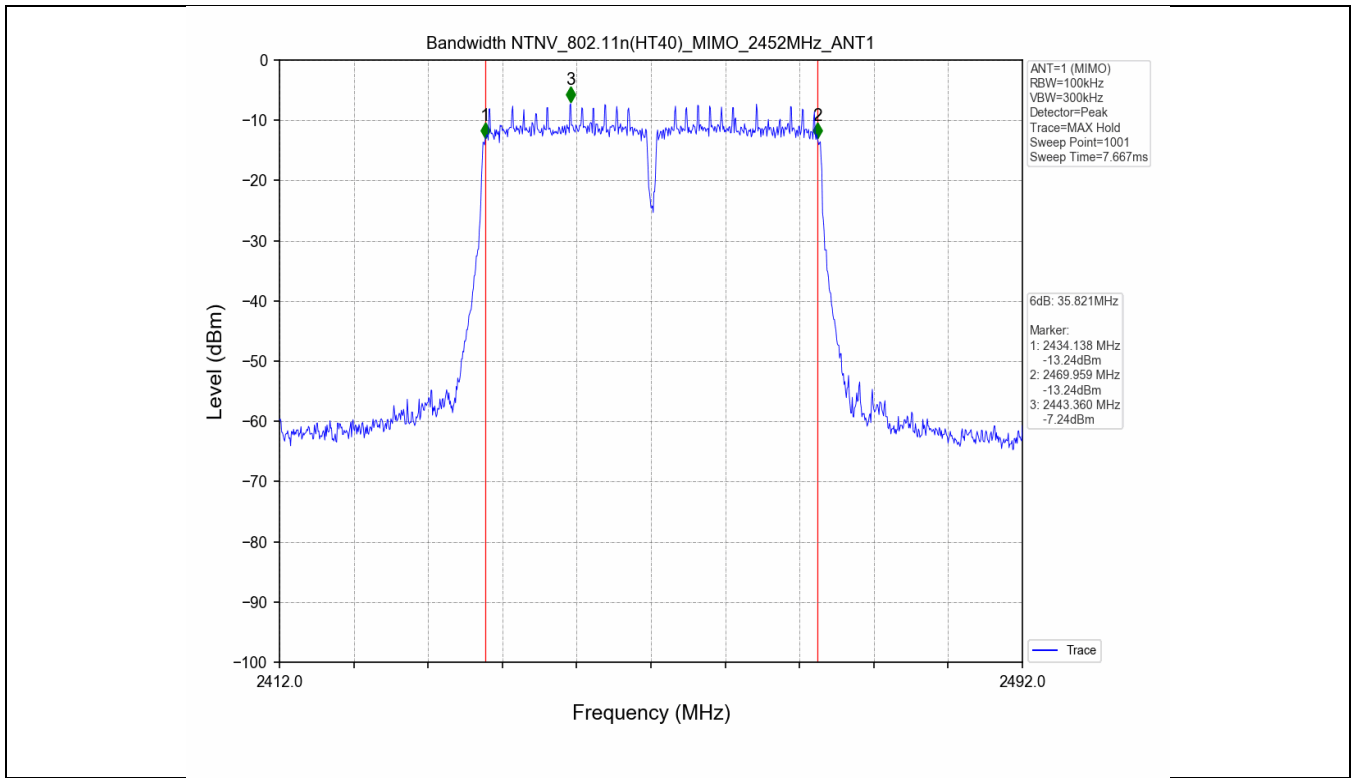












2.3 Test Graph - 99% Occupied Bandwidth

