



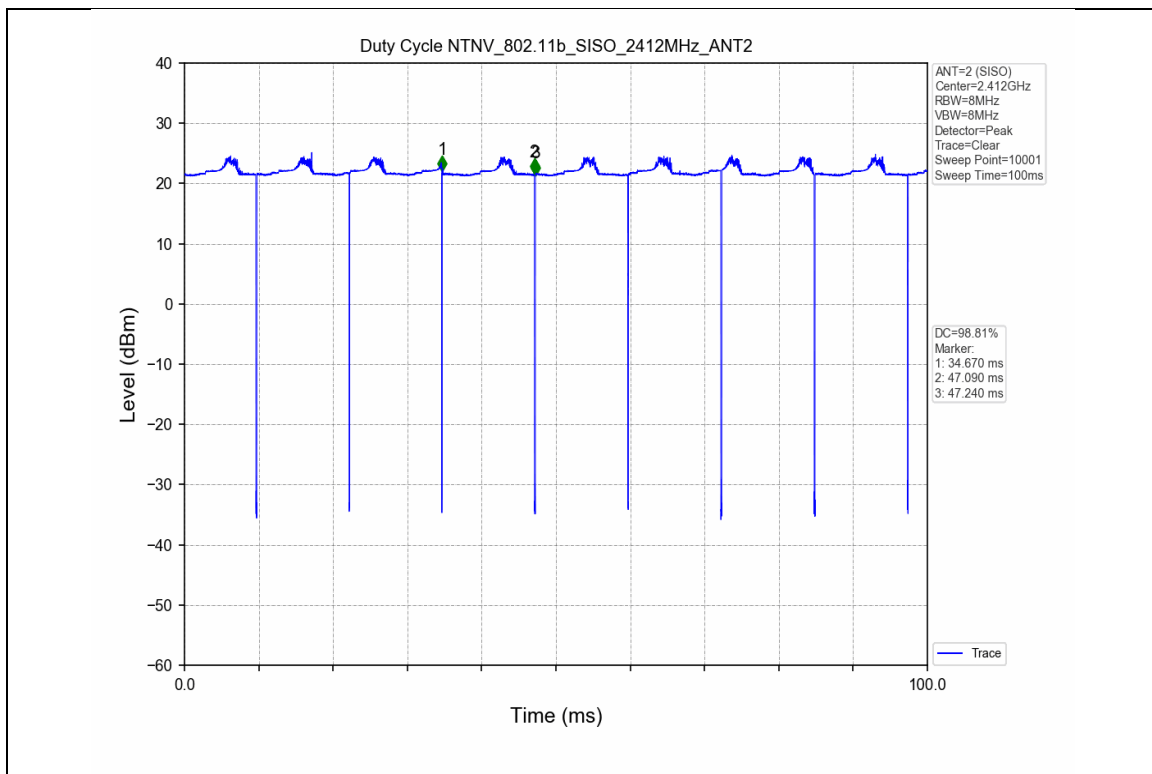
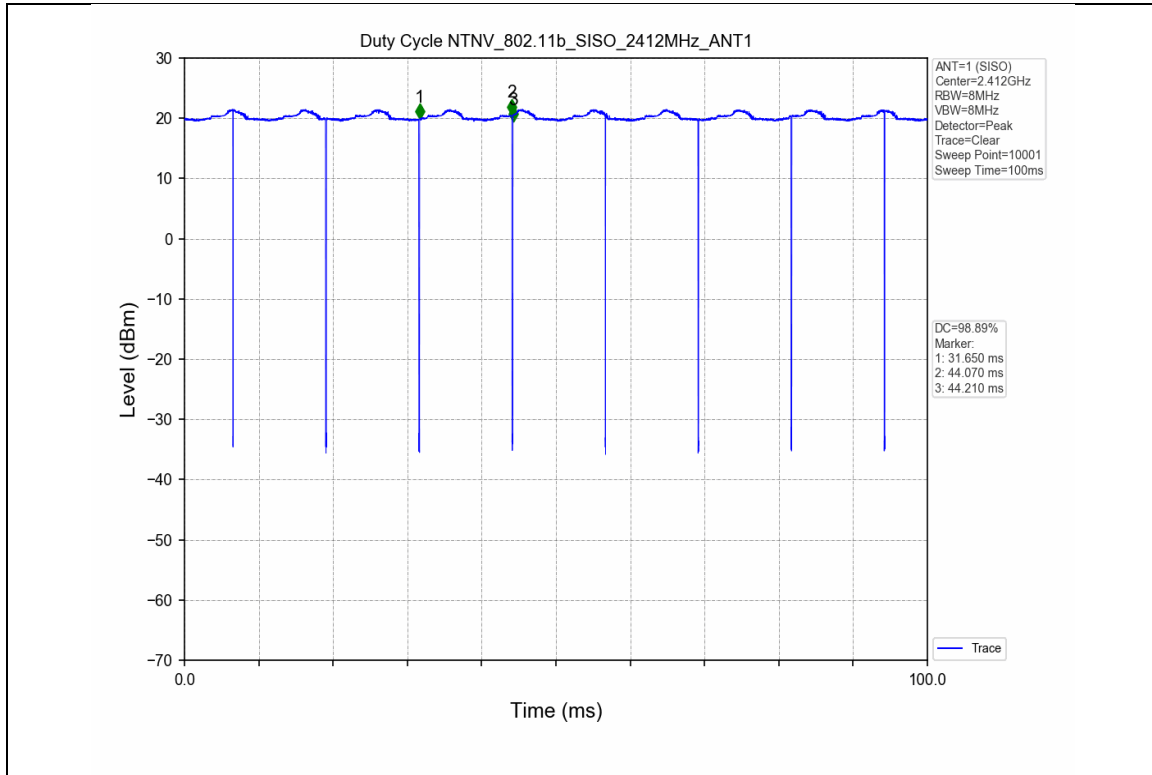
Appendix A for SHEM210200105601

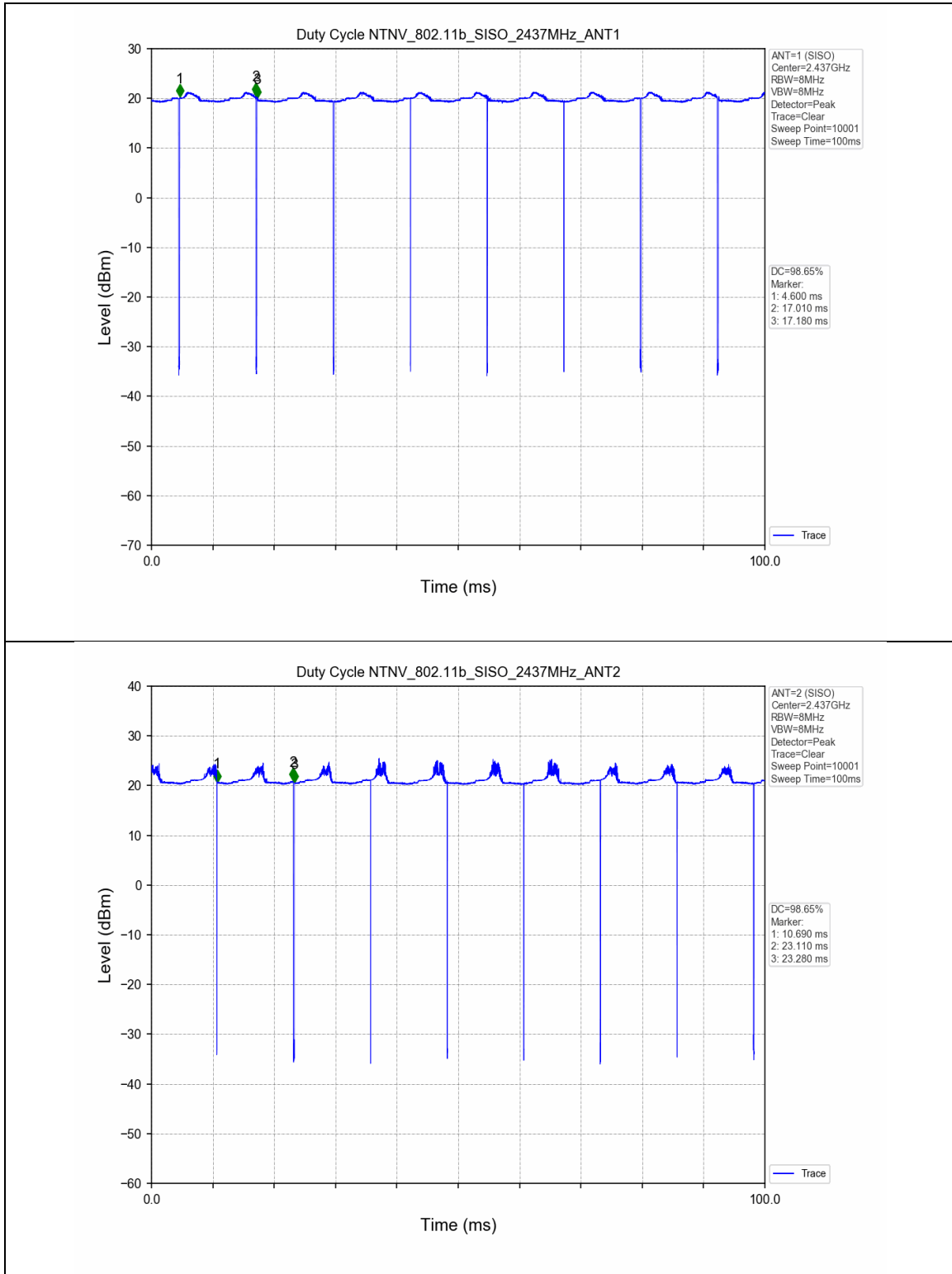
1. Duty Cycle

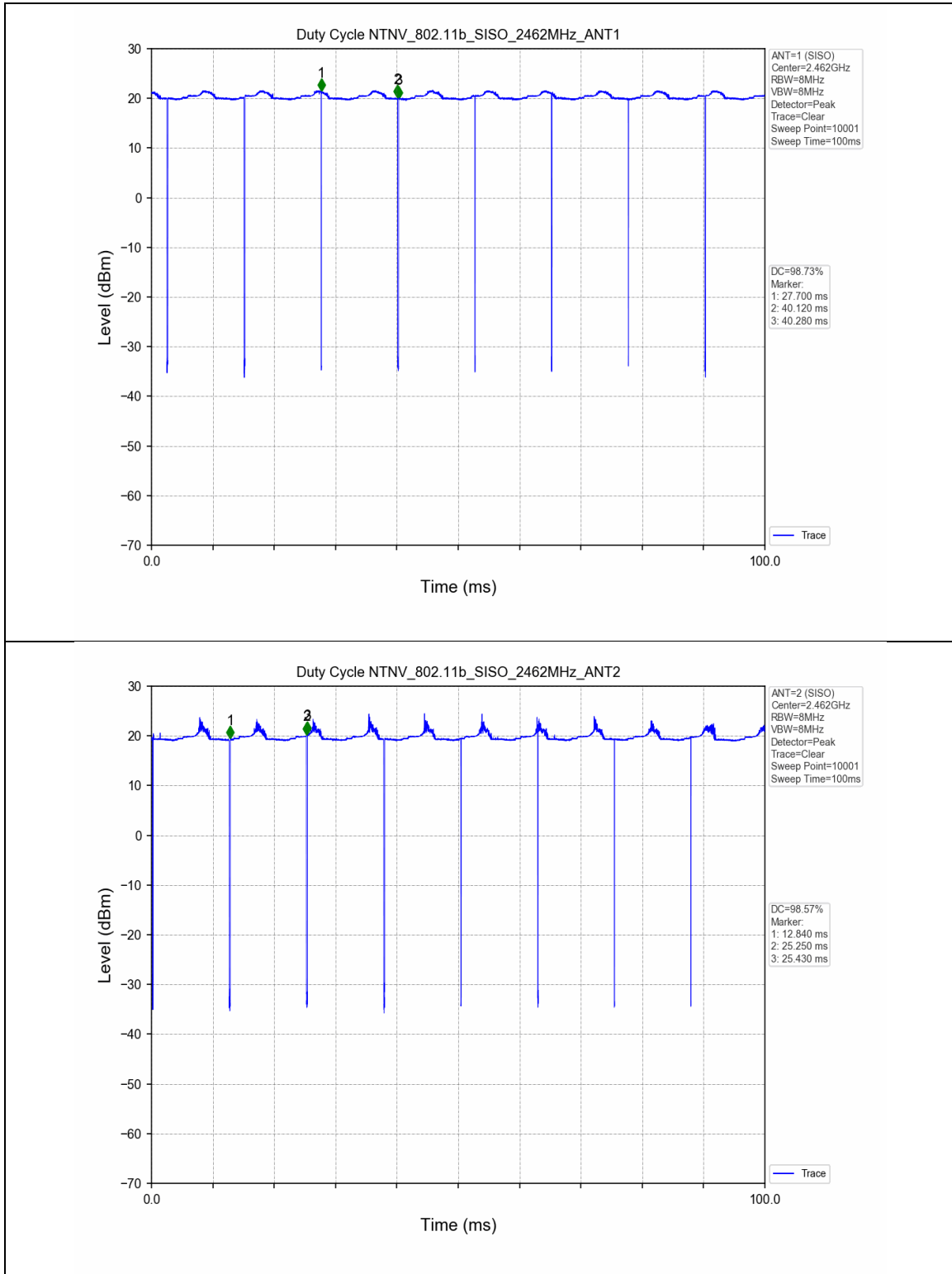
1.1 Test Result

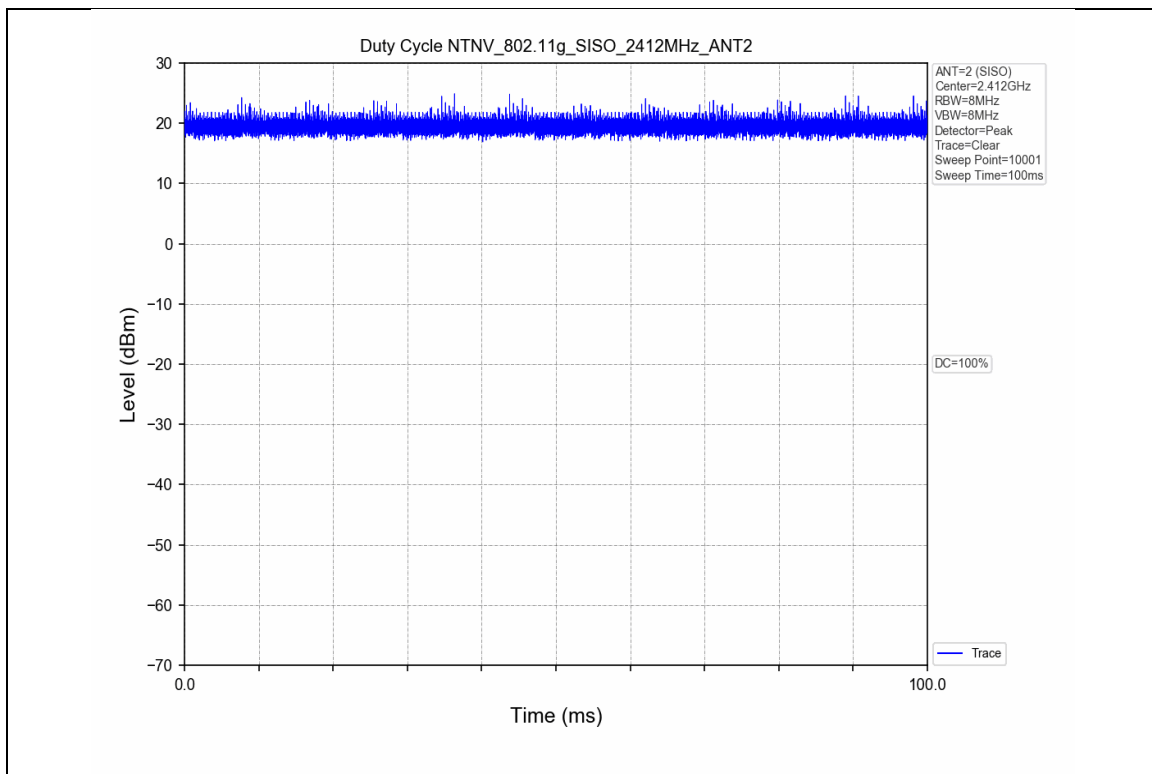
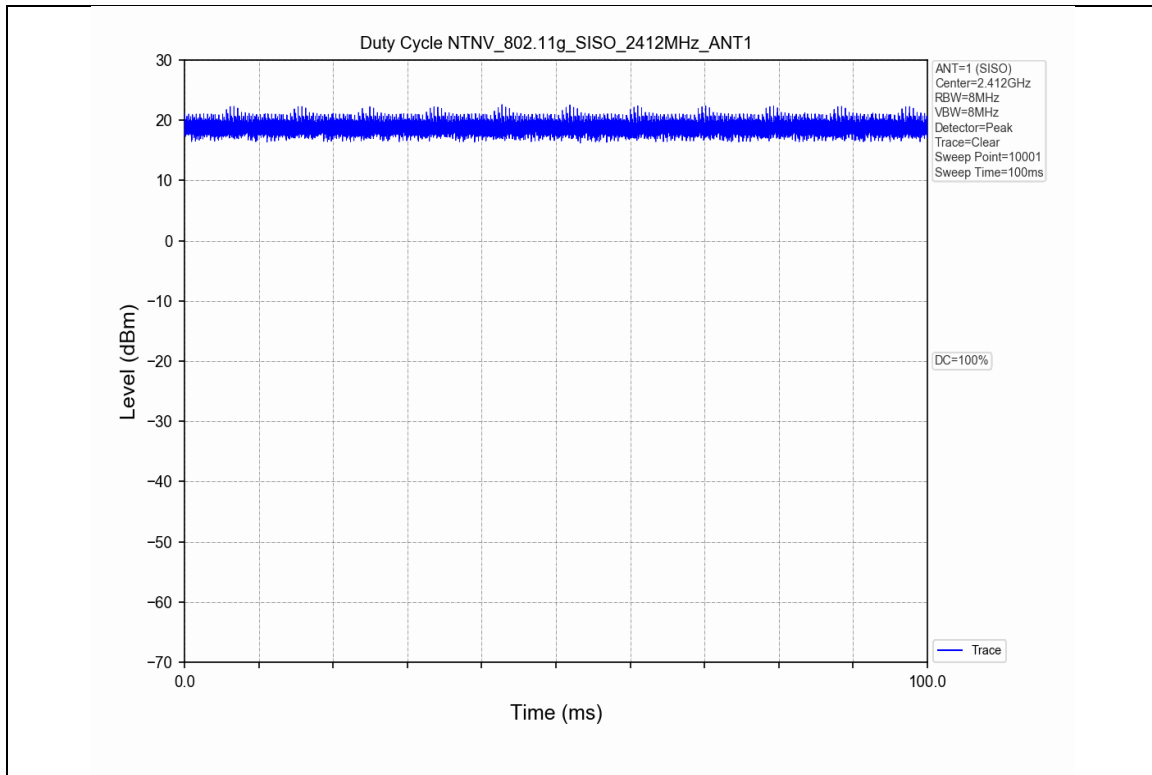
Test Mode	Channel Frequency(M Hz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	12.420	12.560	98.89	0.05
			2	12.420	12.570	98.81	0.05
	2437	SISO	1	12.410	12.580	98.65	0.06
			2	12.420	12.590	98.65	0.06
	2462	SISO	1	12.420	12.580	98.73	0.06
			2	12.410	12.590	98.57	0.06
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

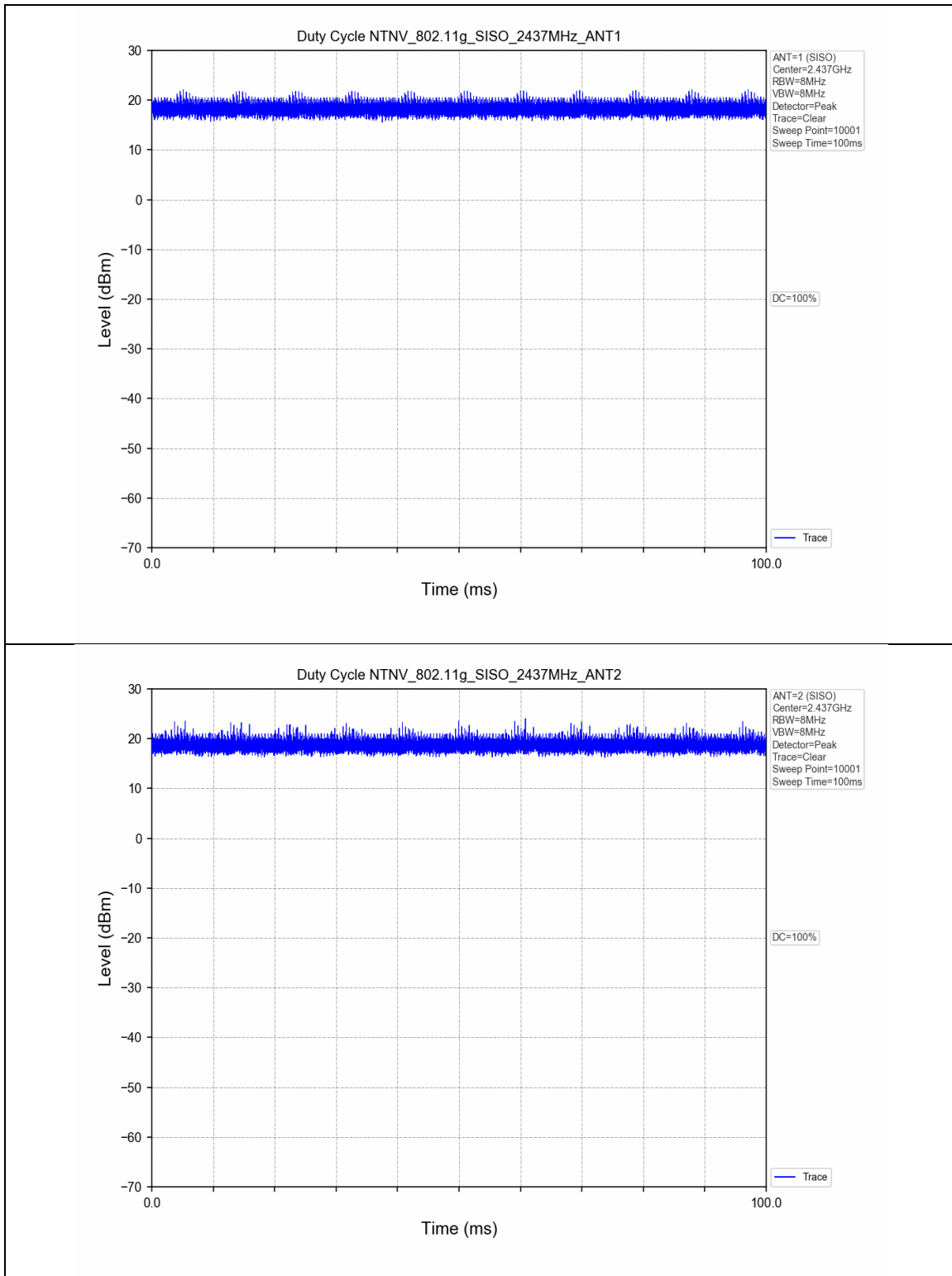
1.2 Test Graph

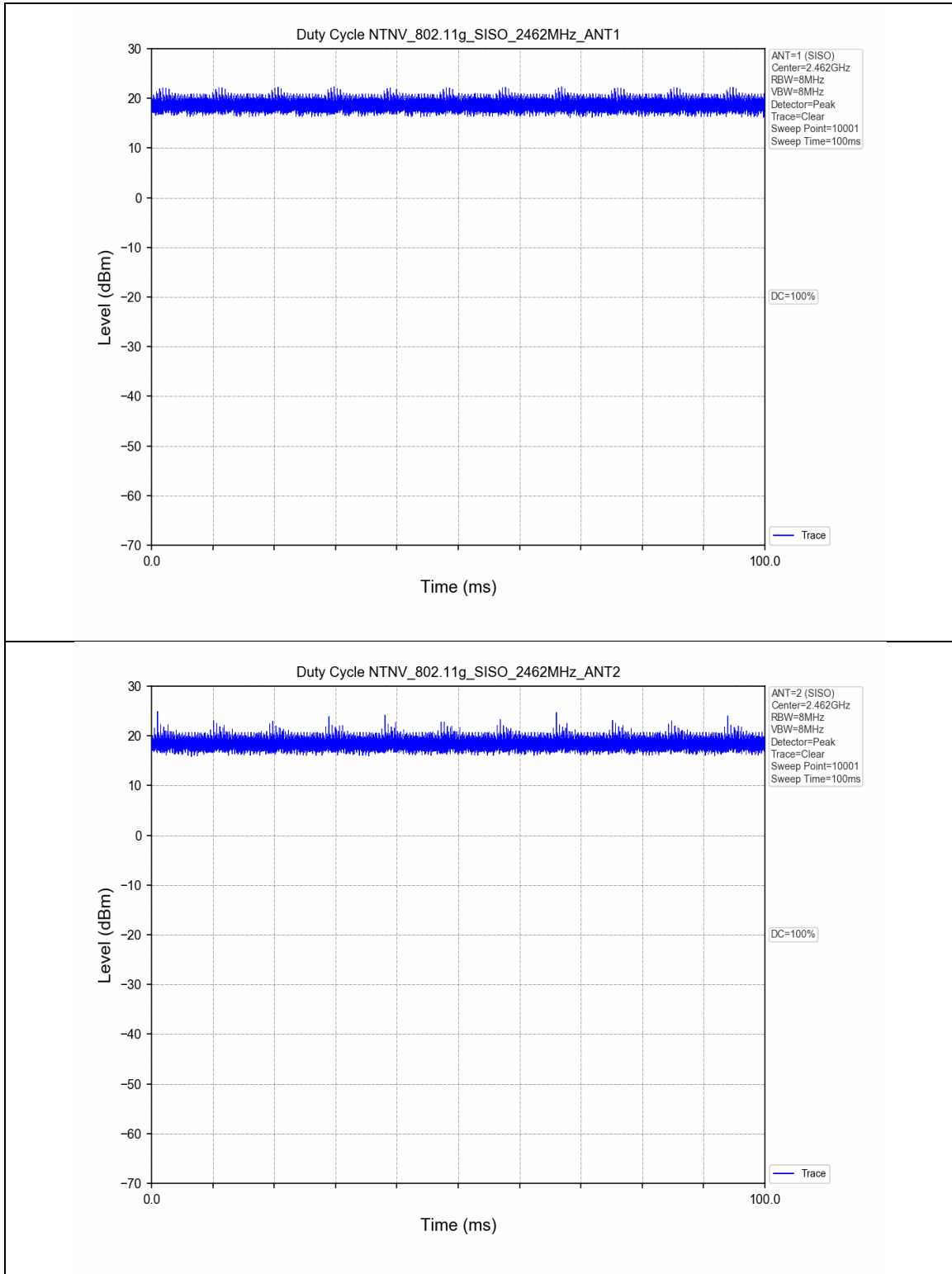


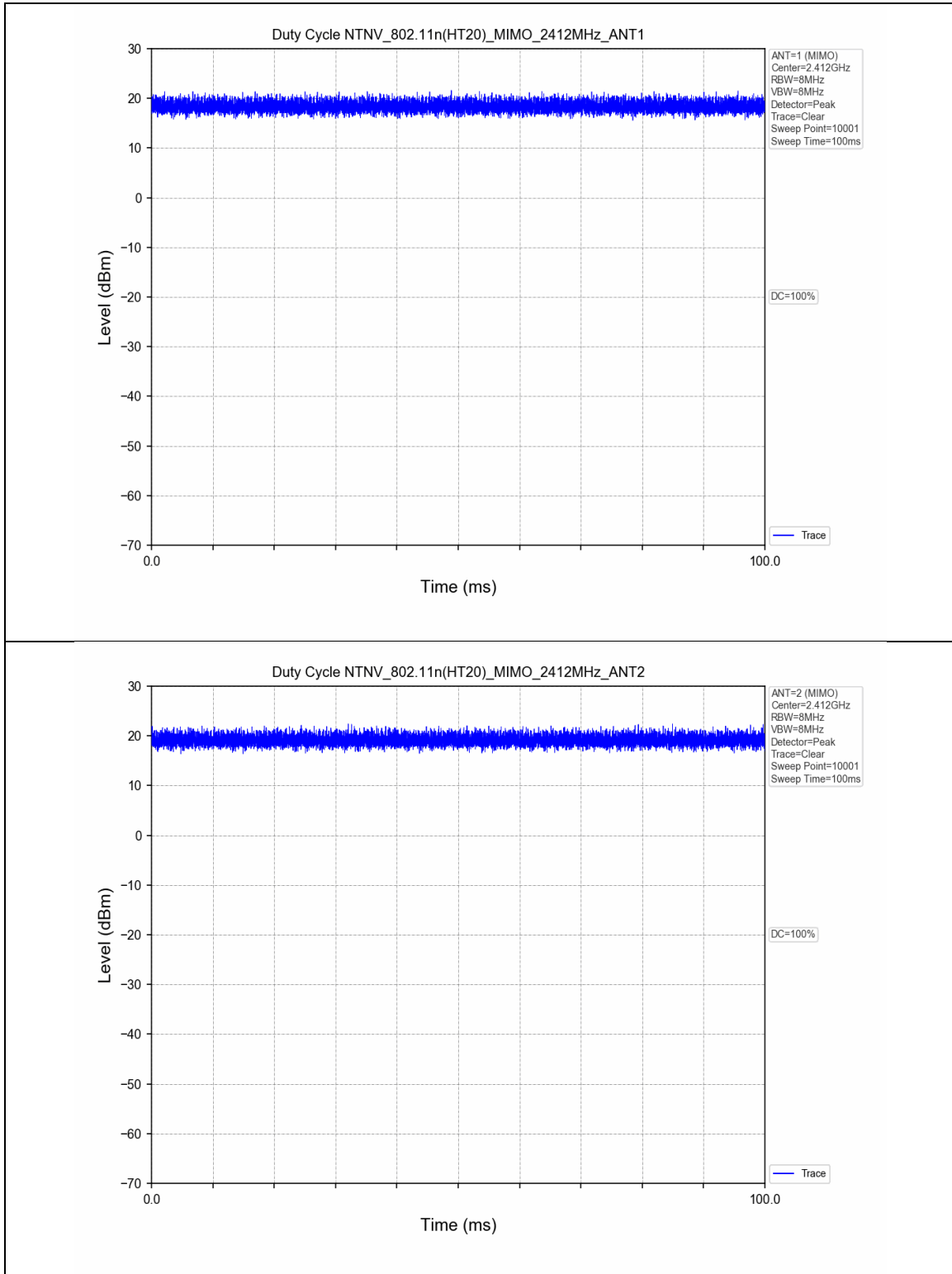


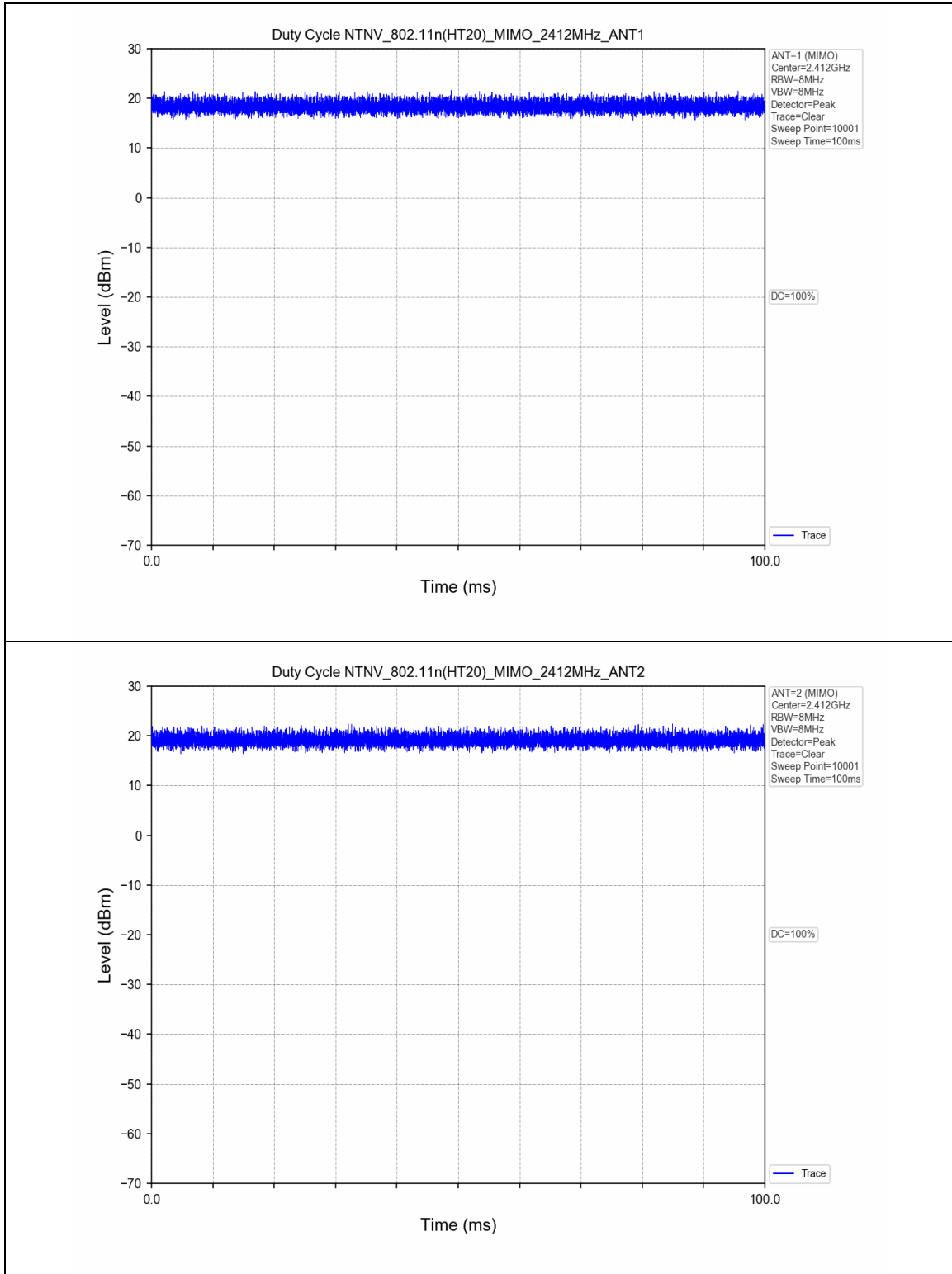


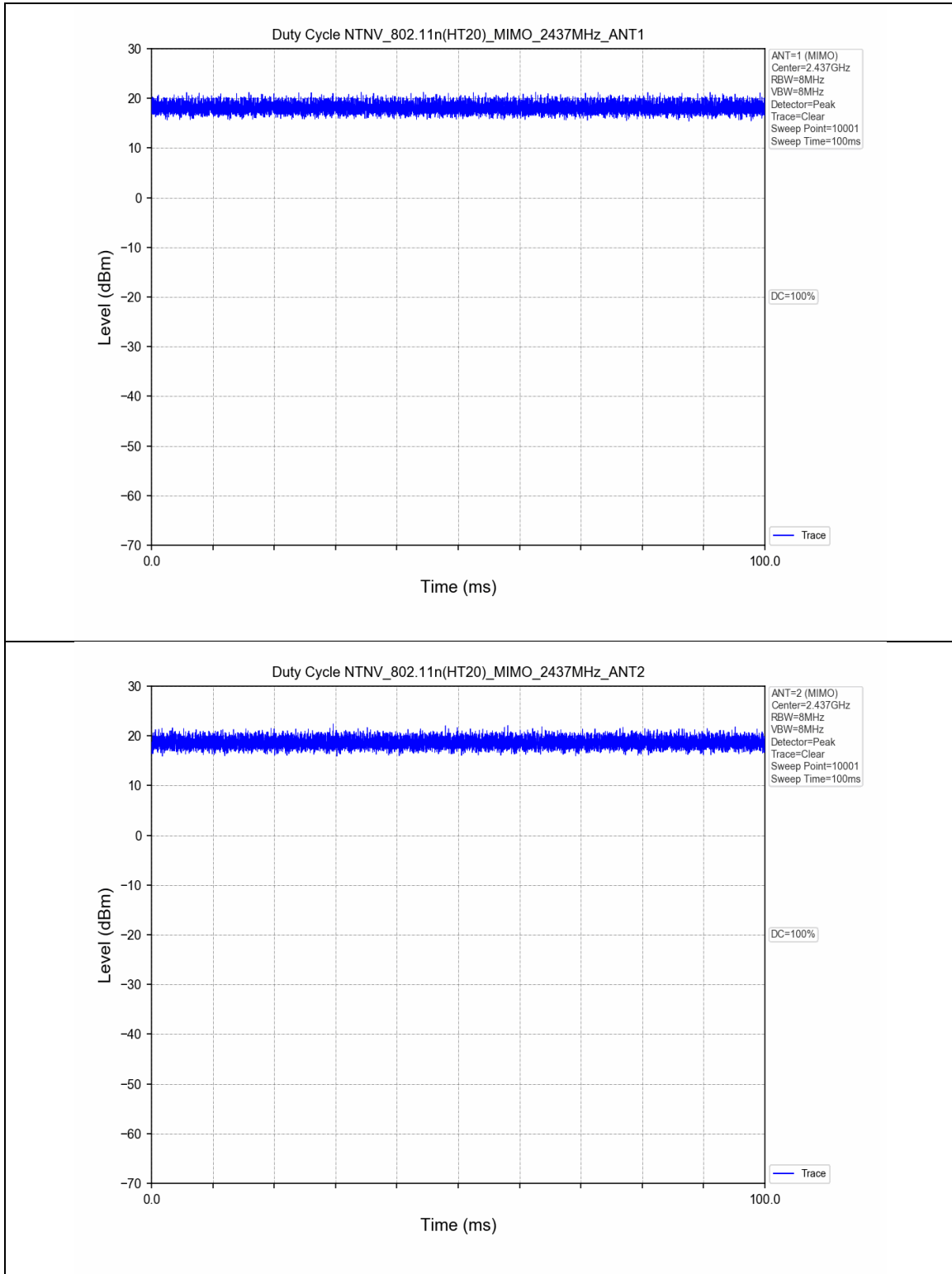


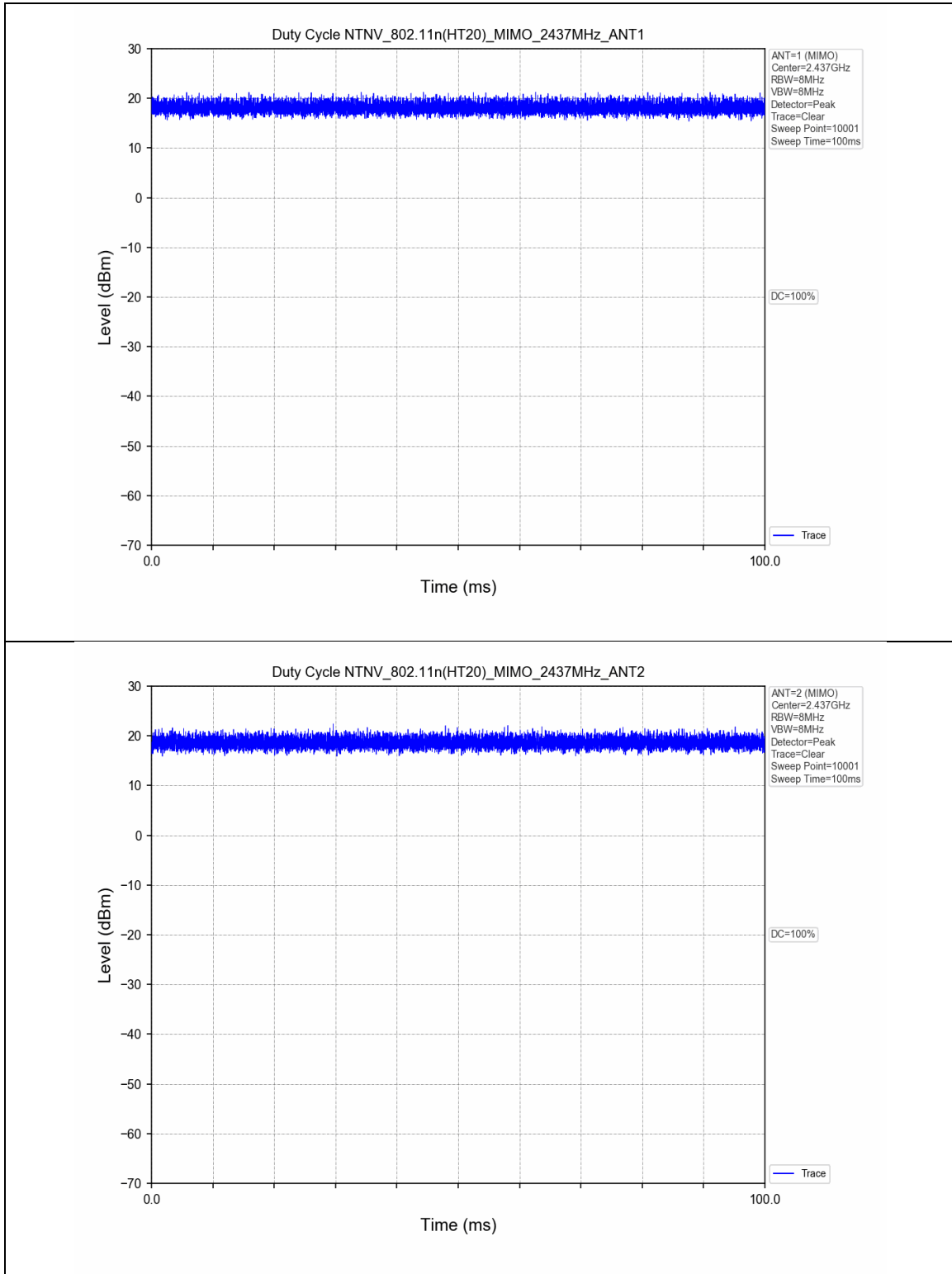


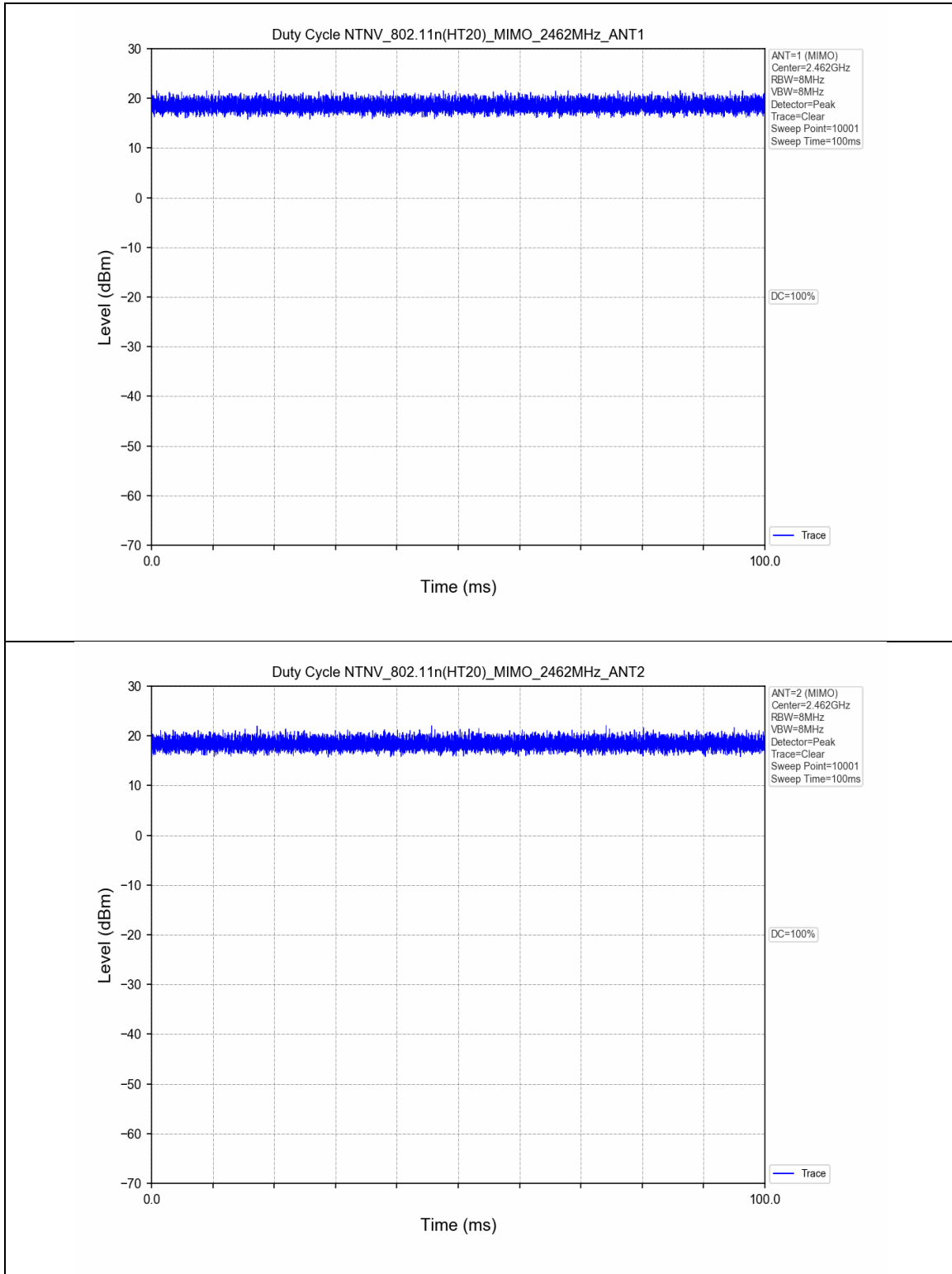


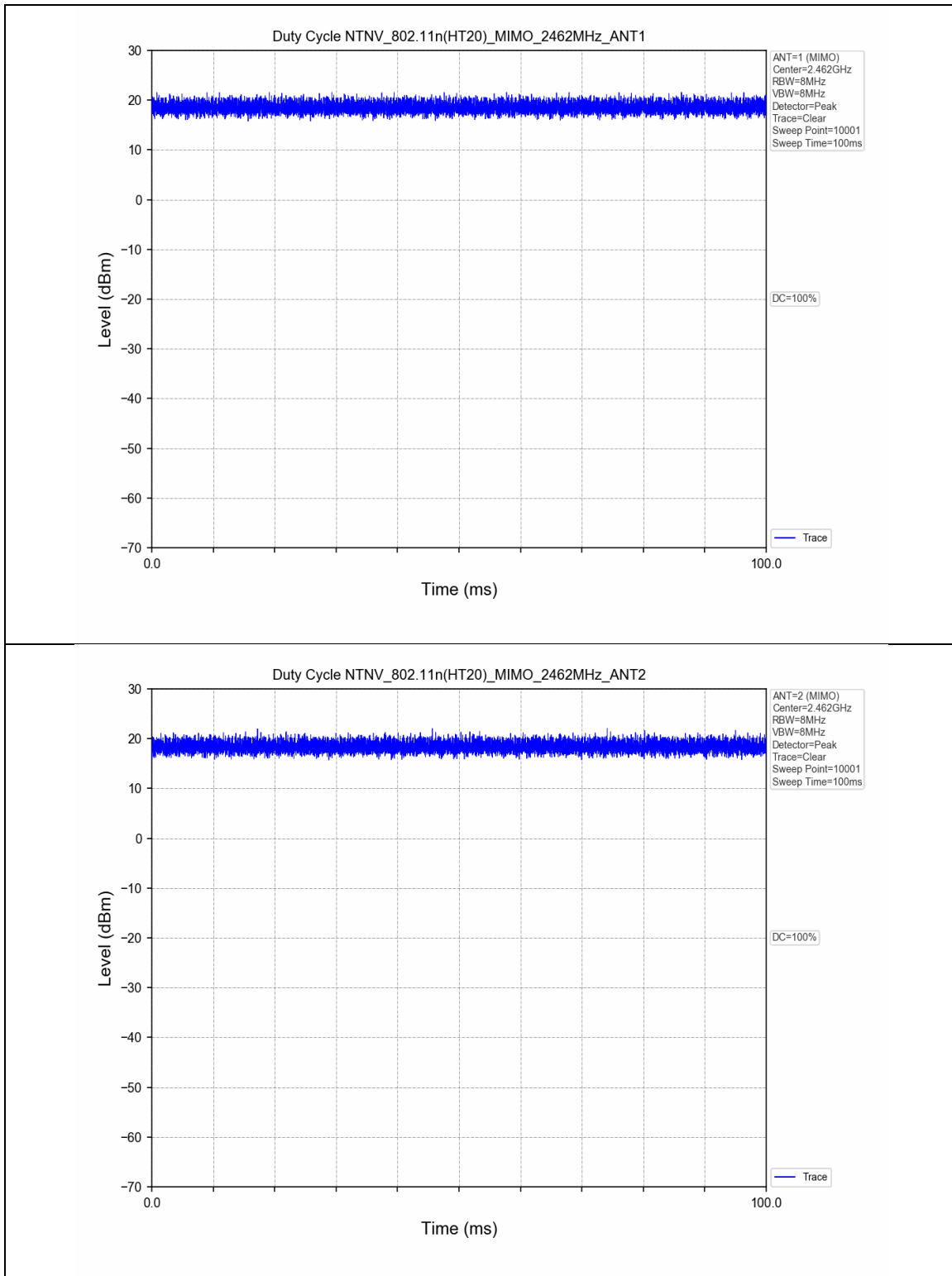


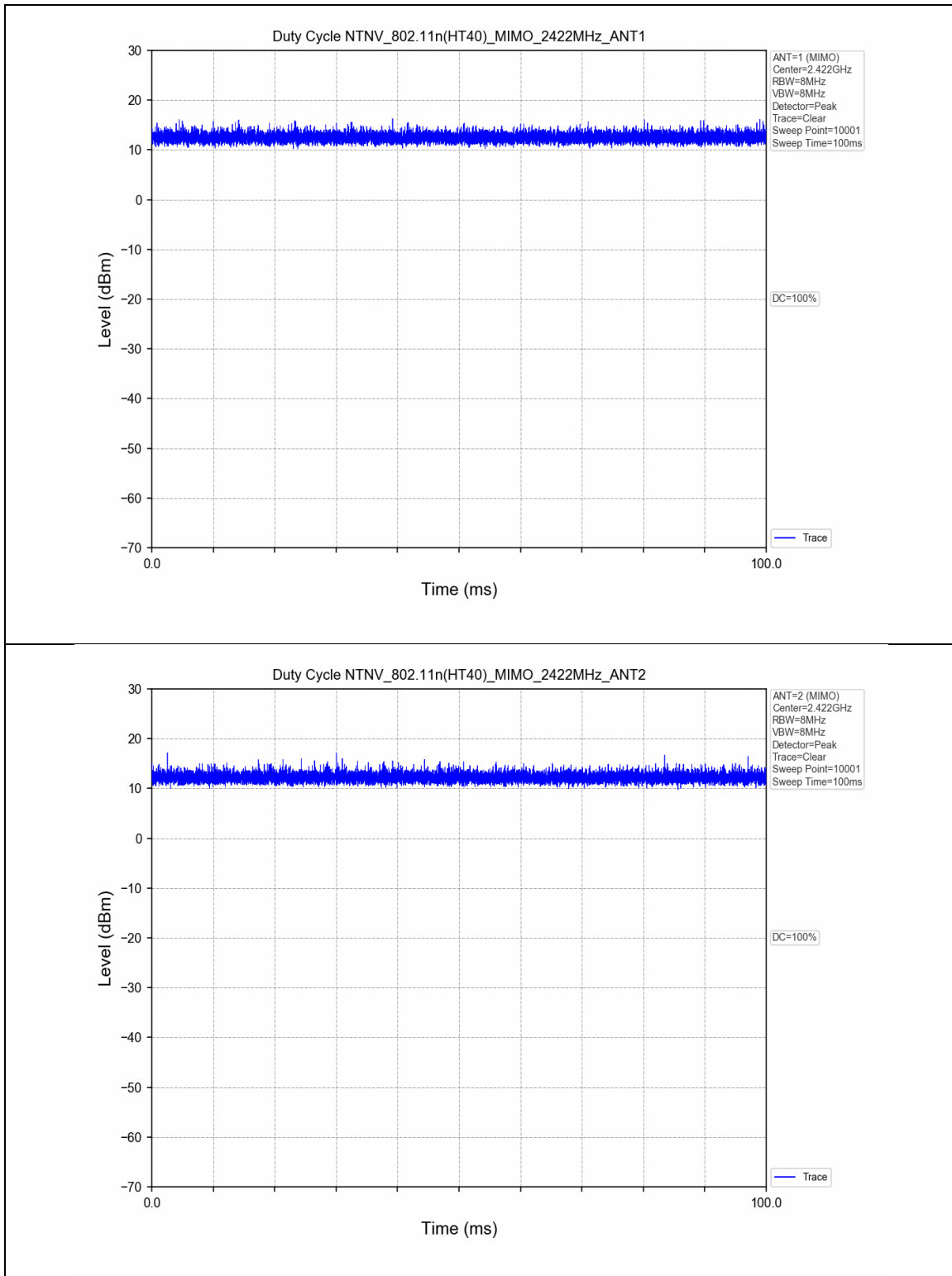


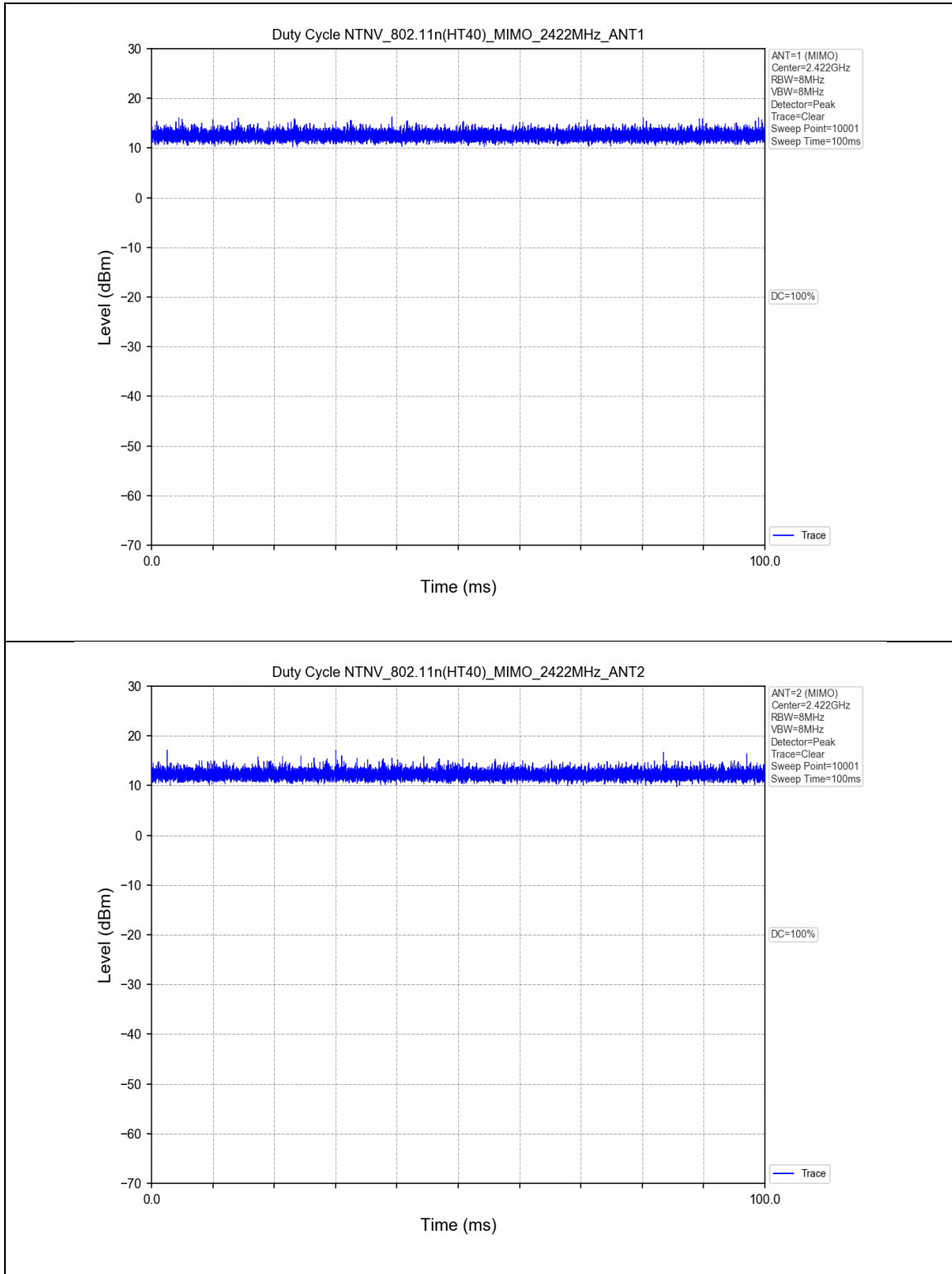


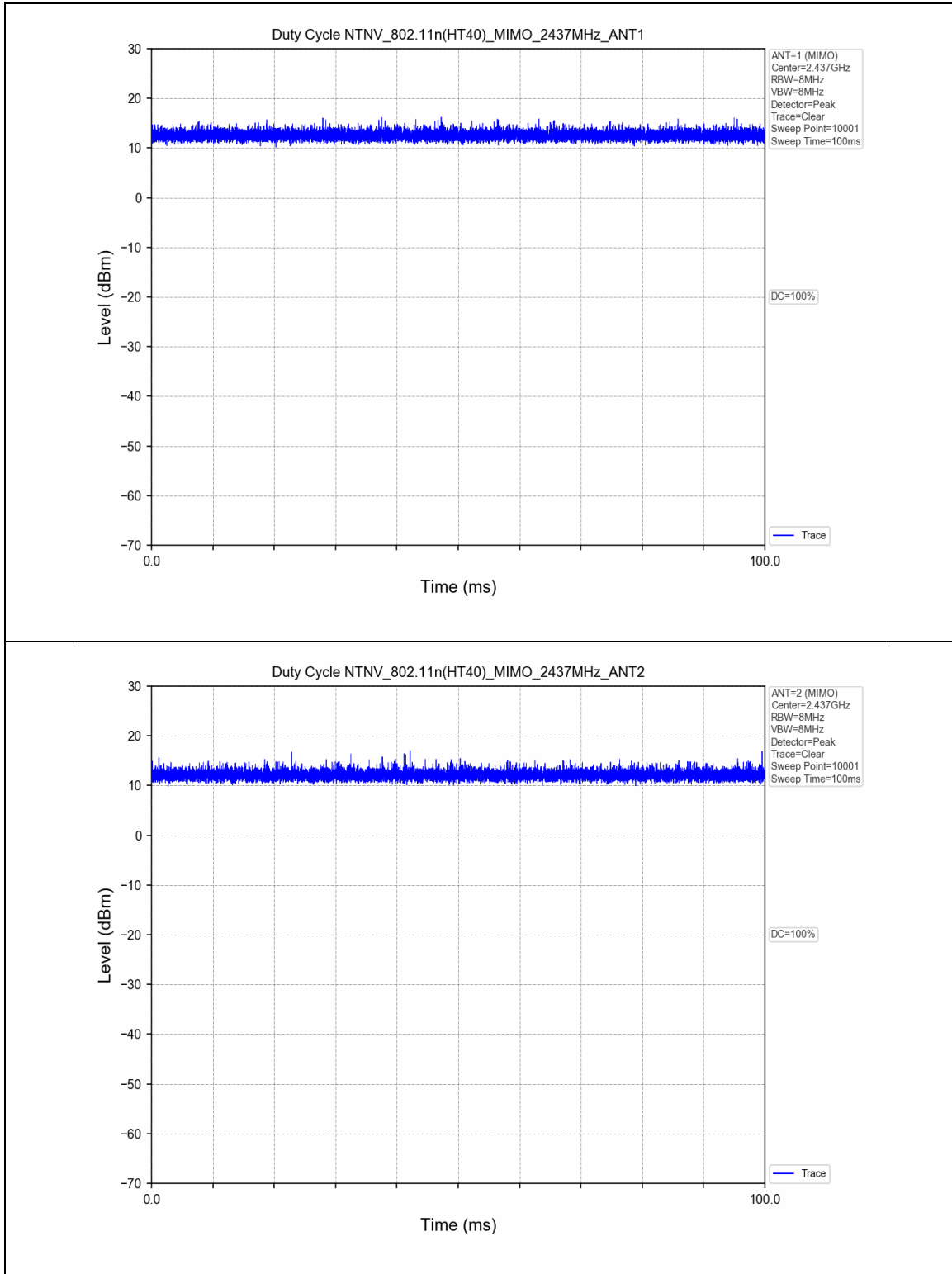


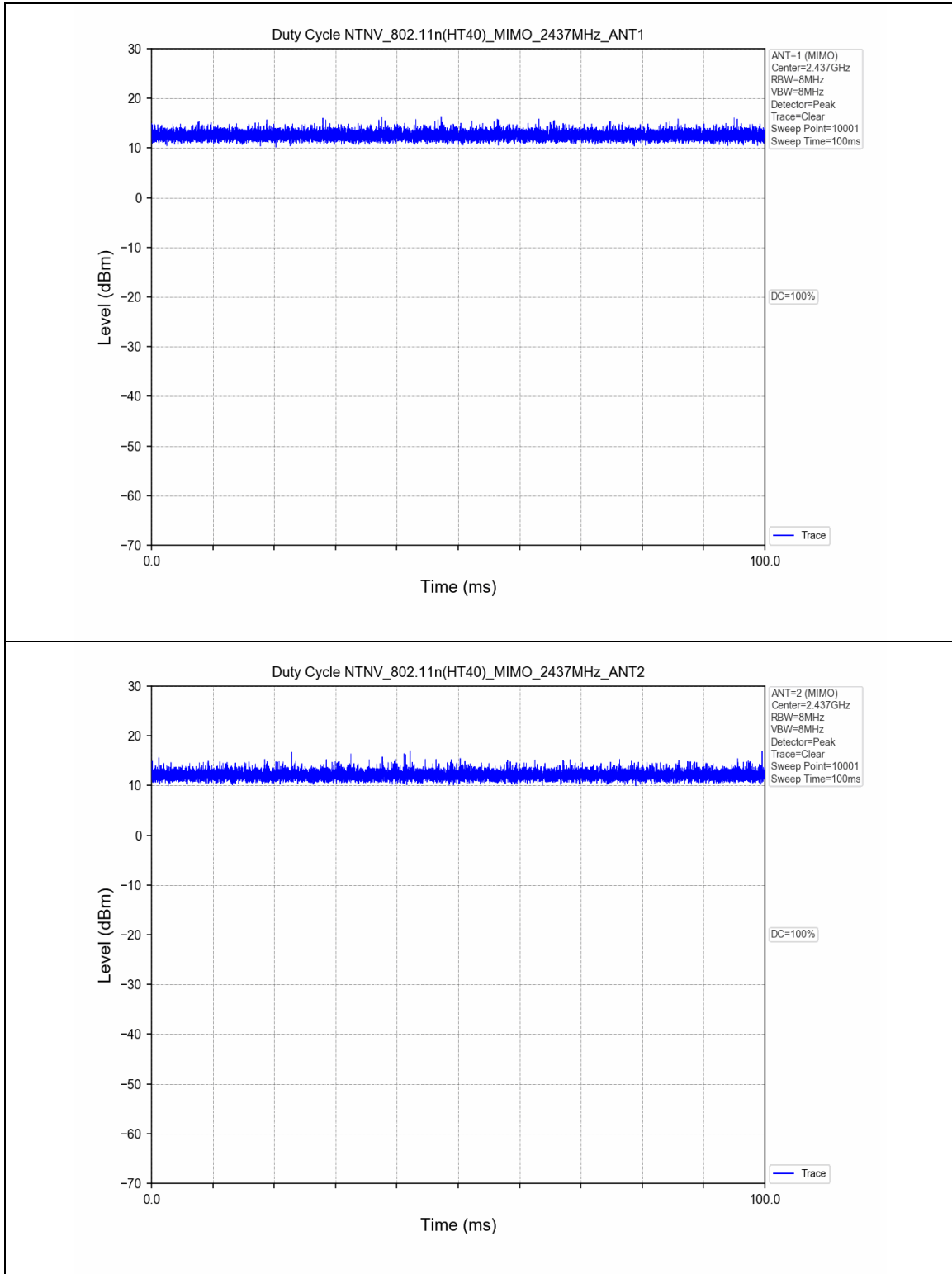


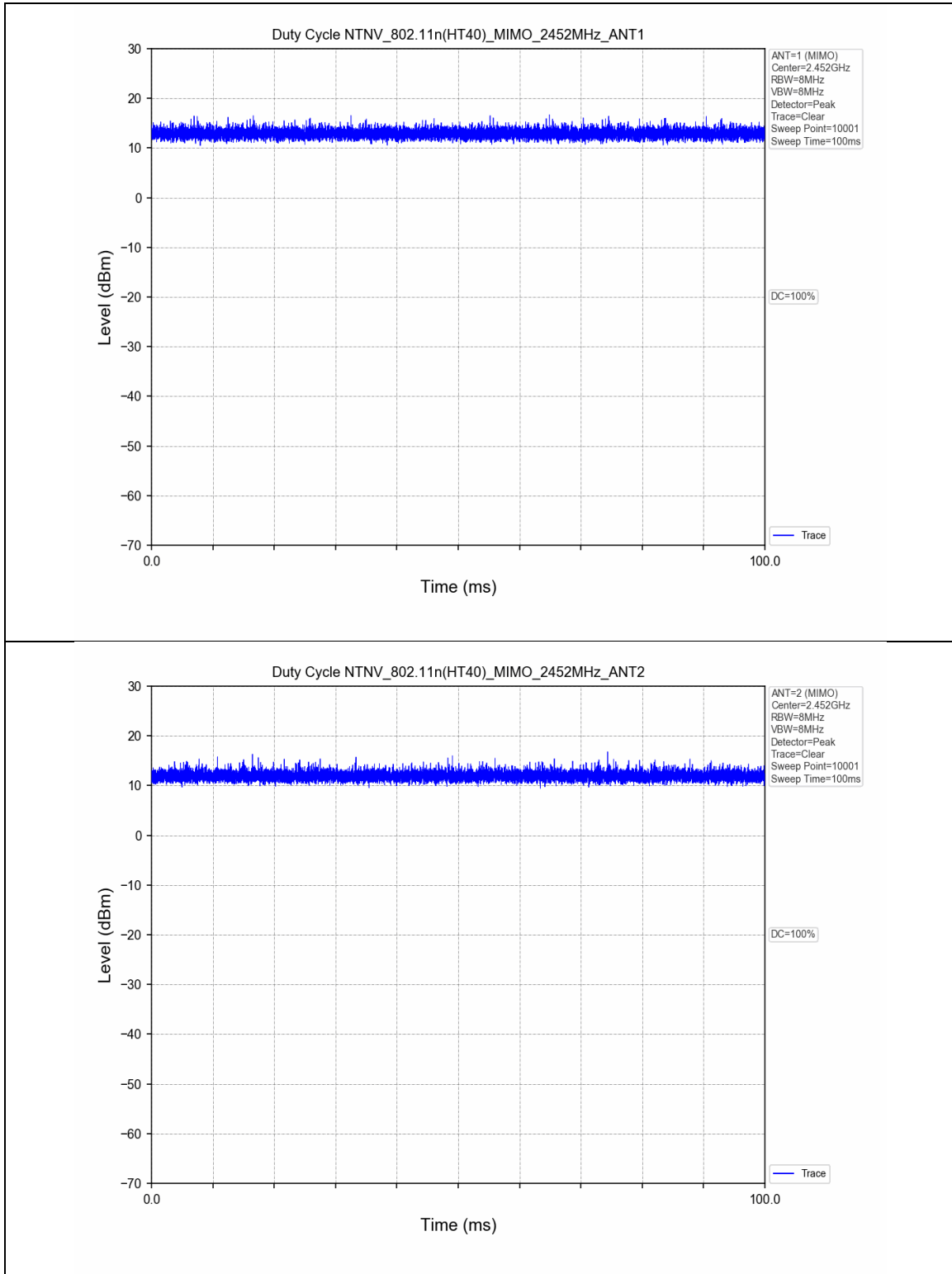


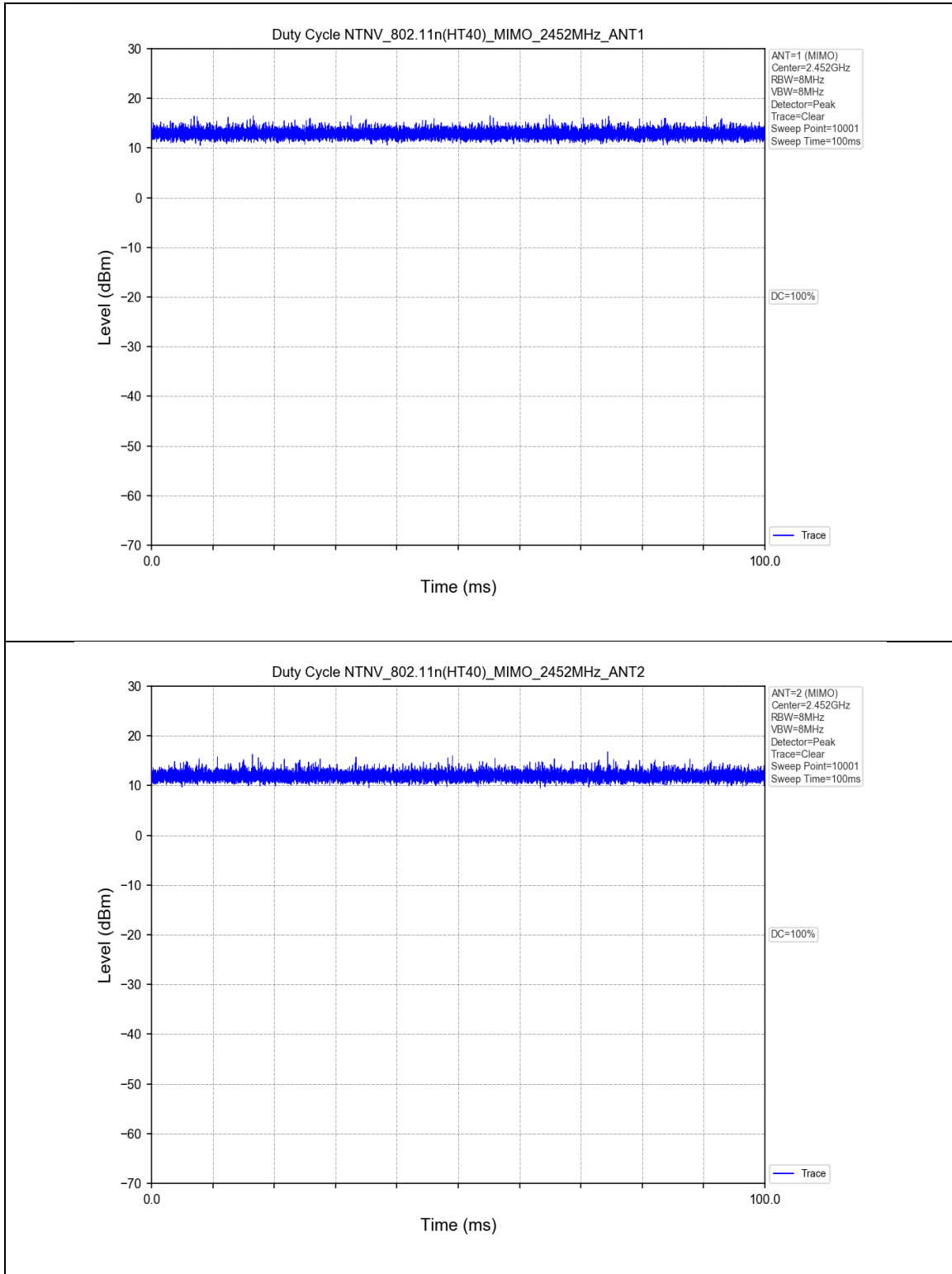














2. Bandwidth

2.1 Test Result

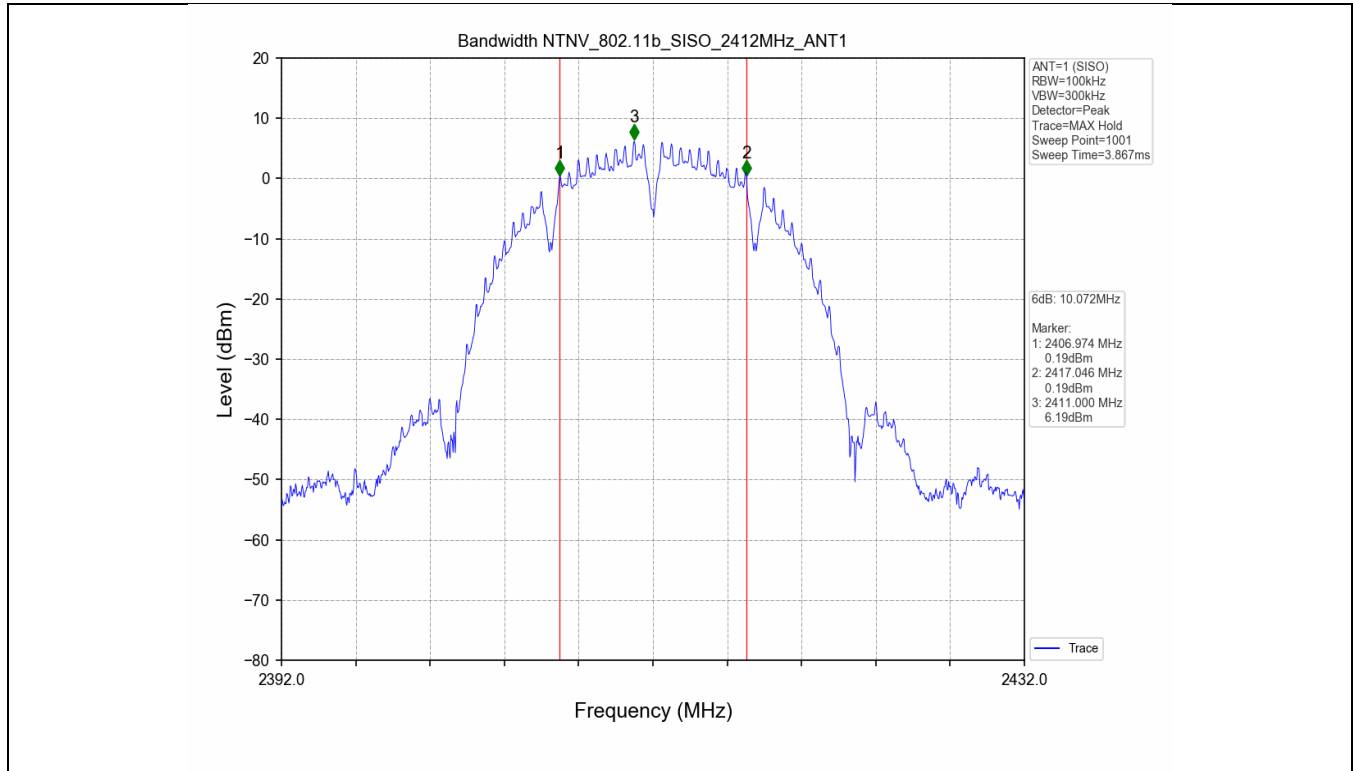
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	10.072	≥0.5	PASS
			2	9.600	≥0.5	PASS
	2437	SISO	1	9.628	≥0.5	PASS
			2	10.077	≥0.5	PASS
	2462	SISO	1	10.046	≥0.5	PASS
			2	10.056	≥0.5	PASS
802.11g	2412	SISO	1	16.394	≥0.5	PASS
			2	16.386	≥0.5	PASS
	2437	SISO	1	16.378	≥0.5	PASS
			2	16.373	≥0.5	PASS
	2462	SISO	1	16.373	≥0.5	PASS
			2	16.384	≥0.5	PASS
802.11n(HT20)	2412	MIMO	1	17.345	≥0.5	PASS
			2	17.588	≥0.5	PASS
	2437	MIMO	1	17.390	≥0.5	PASS
			2	17.537	≥0.5	PASS
	2462	MIMO	1	17.555	≥0.5	PASS
			2	17.575	≥0.5	PASS
802.11n(HT40)	2422	MIMO	1	35.595	≥0.5	PASS
			2	35.589	≥0.5	PASS
	2437	MIMO	1	35.511	≥0.5	PASS
			2	35.441	≥0.5	PASS
	2452	MIMO	1	35.178	≥0.5	PASS
			2	35.548	≥0.5	PASS

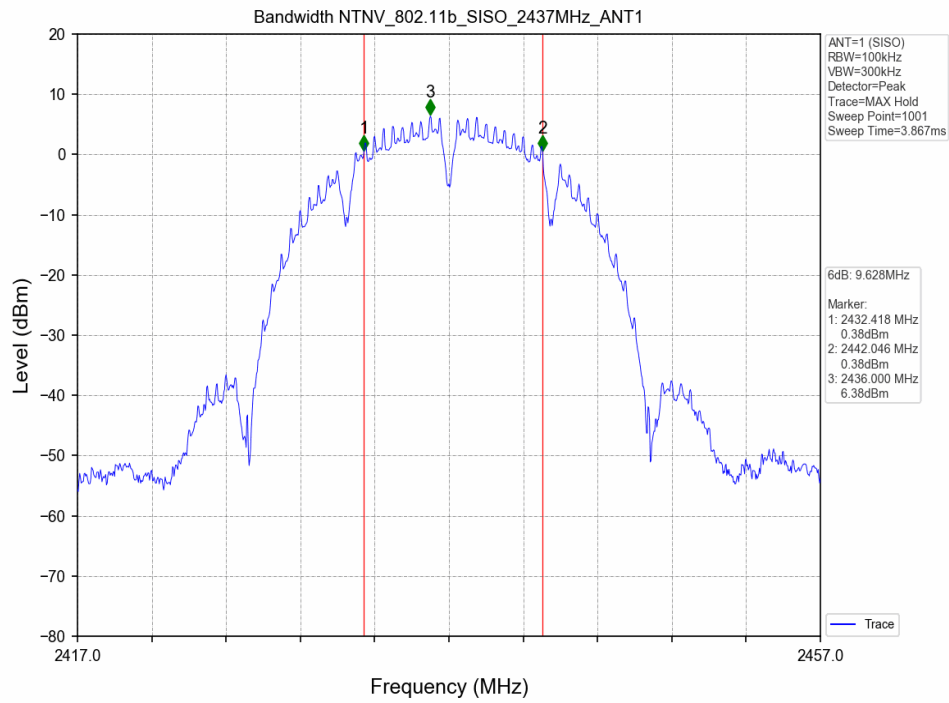
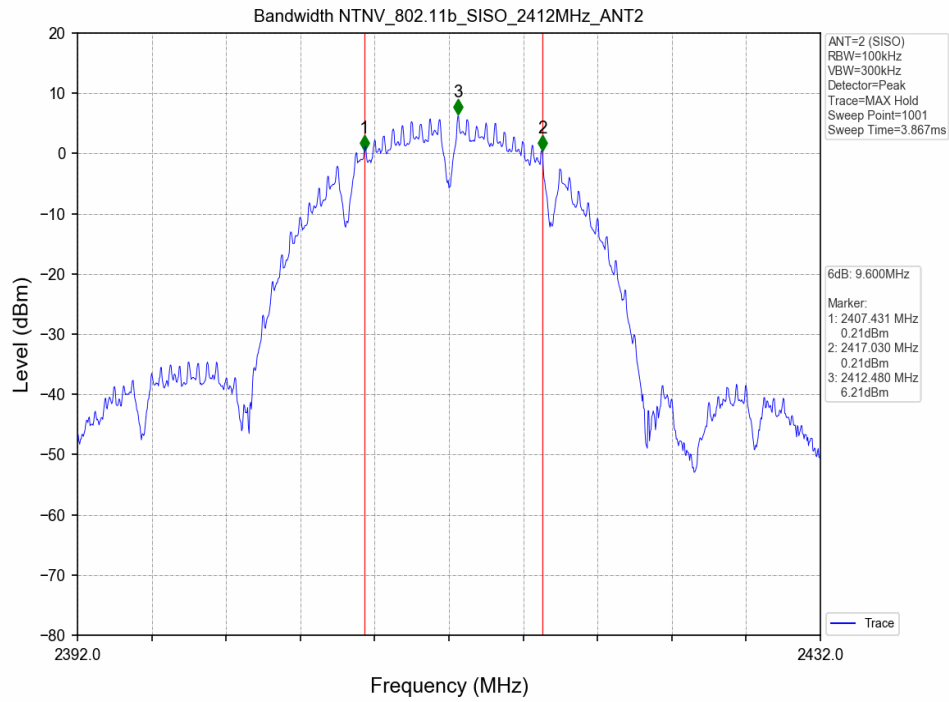
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.933	Only for Report Use
			2	14.834	Only for Report Use
	2437	SISO	1	14.904	Only for Report Use
			2	14.865	Only for Report Use
	2462	SISO	1	14.903	Only for Report Use
			2	14.885	Only for Report Use
802.11g	2412	SISO	1	16.896	Only for Report Use
			2	16.863	Only for Report Use
	2437	SISO	1	16.879	Only for Report Use
			2	16.762	Only for Report Use
	2462	SISO	1	16.808	Only for Report Use
			2	16.789	Only for Report Use
802.11n(HT20)	2412	MIMO	1	17.889	Only for Report Use
			2	17.919	Only for Report Use
	2437	MIMO	1	17.915	Only for Report Use
			2	17.928	Only for Report Use
	2462	MIMO	1	17.939	Only for Report Use
			2	17.927	Only for Report Use
802.11n(HT40)	2422	MIMO	1	36.025	Only for Report Use

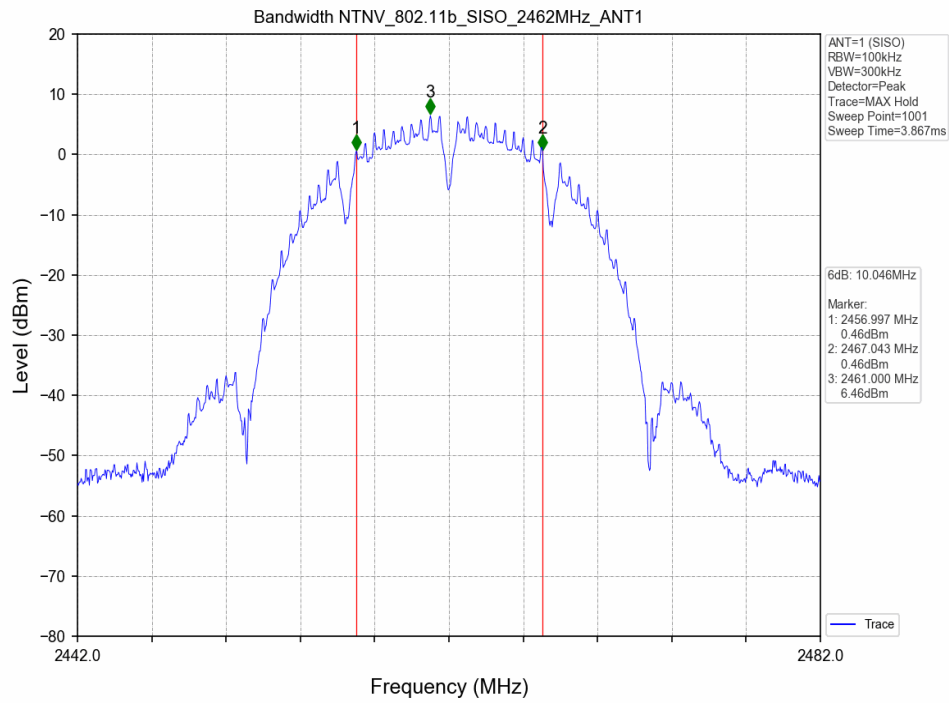
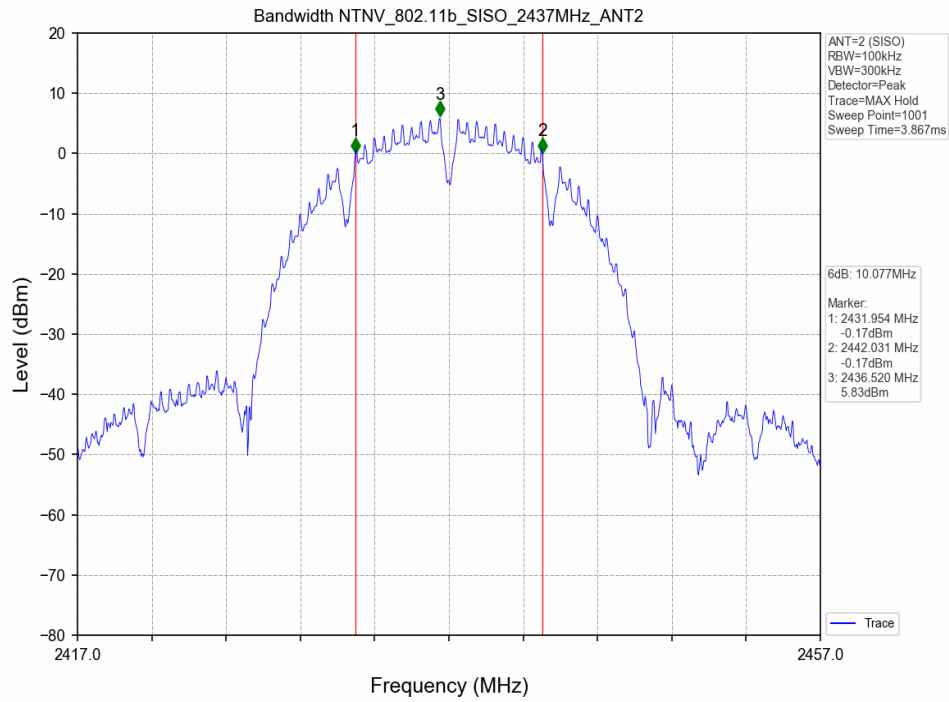


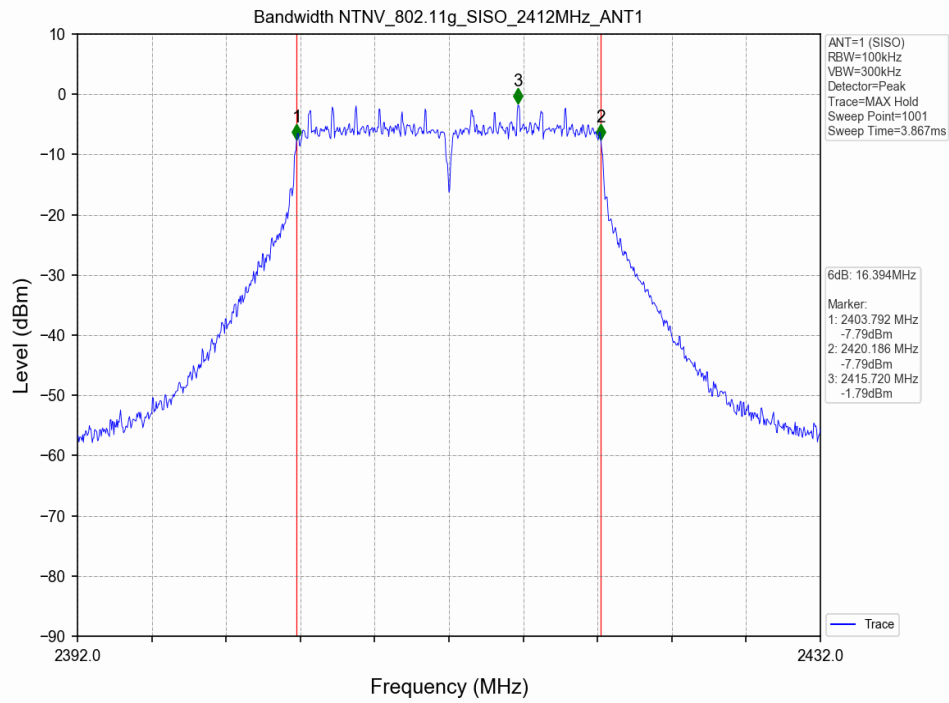
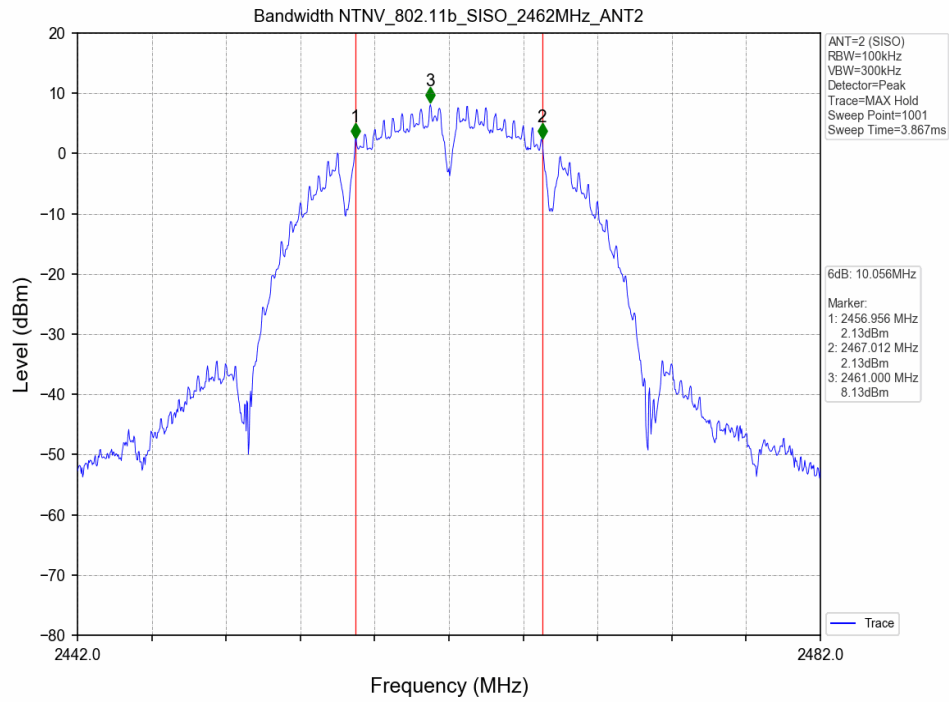
	2437	MIMO	2	36.053	Only for Report Use
			1	35.962	Only for Report Use
	2452	MIMO	2	36.074	Only for Report Use
			1	36.010	Only for Report Use
			2	36.064	Only for Report Use

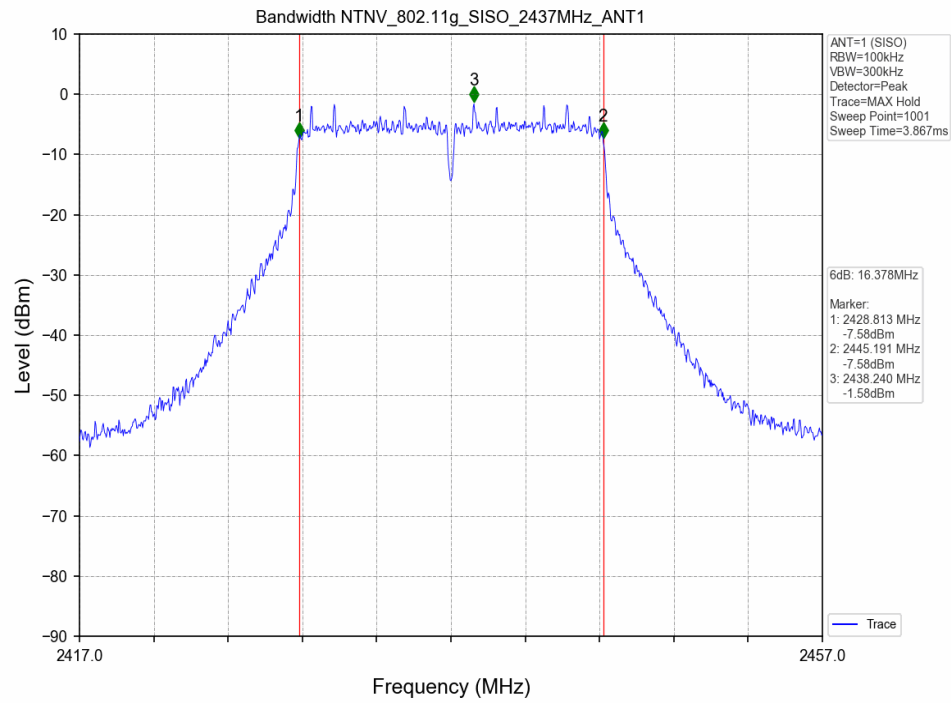
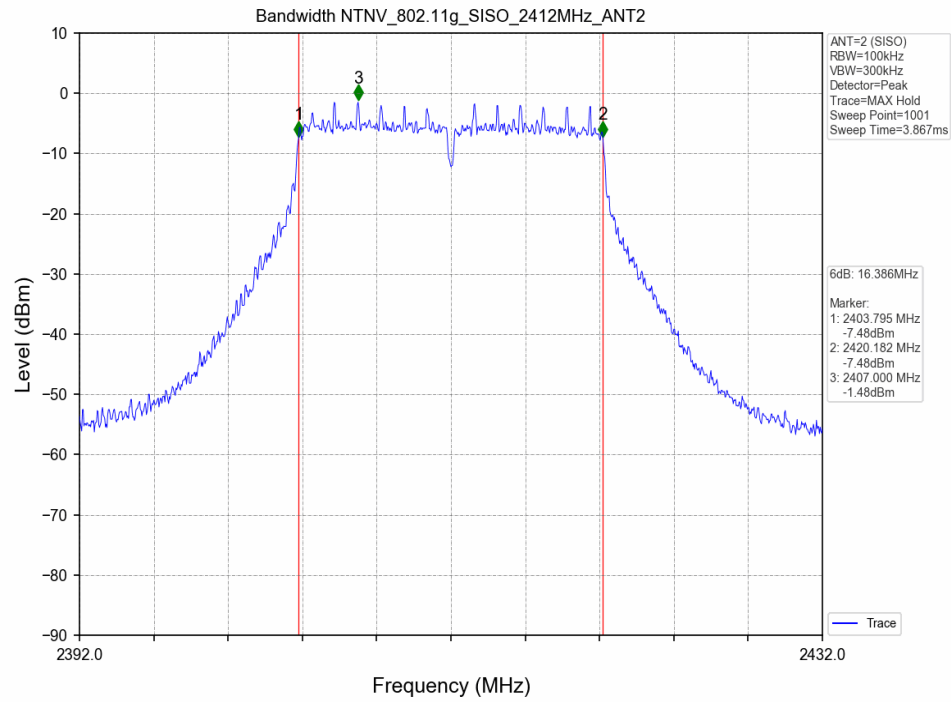
2.2 Test Graph - 6dB Bandwidth

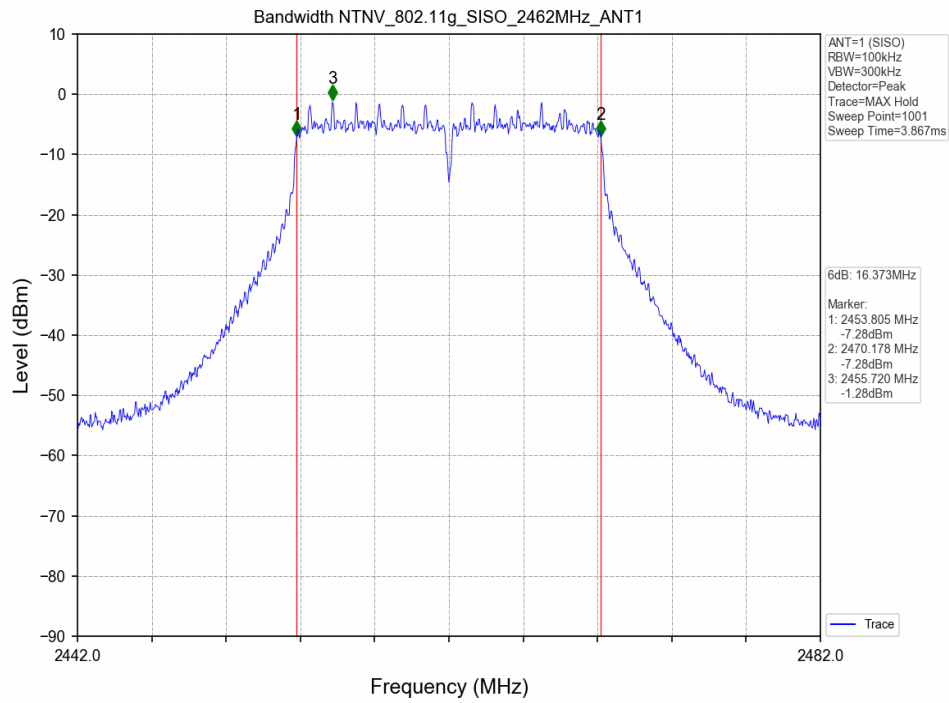
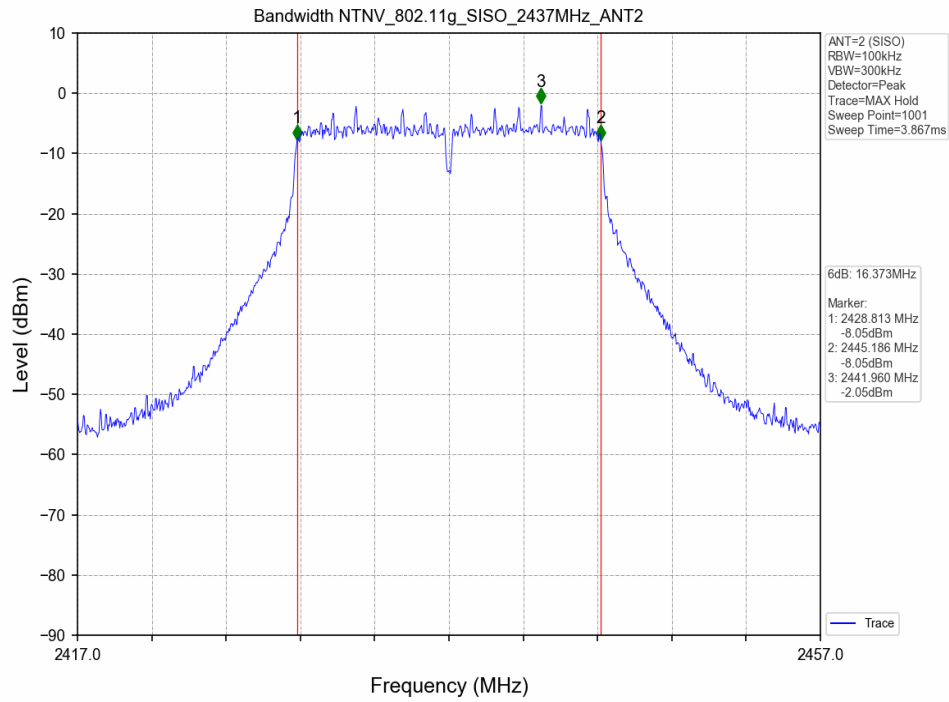


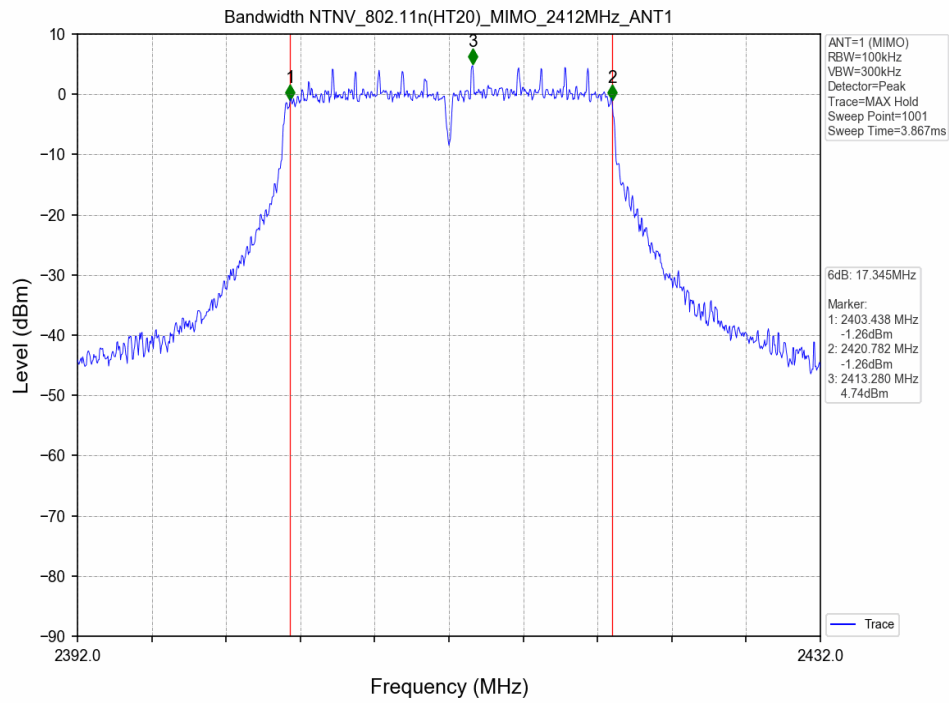
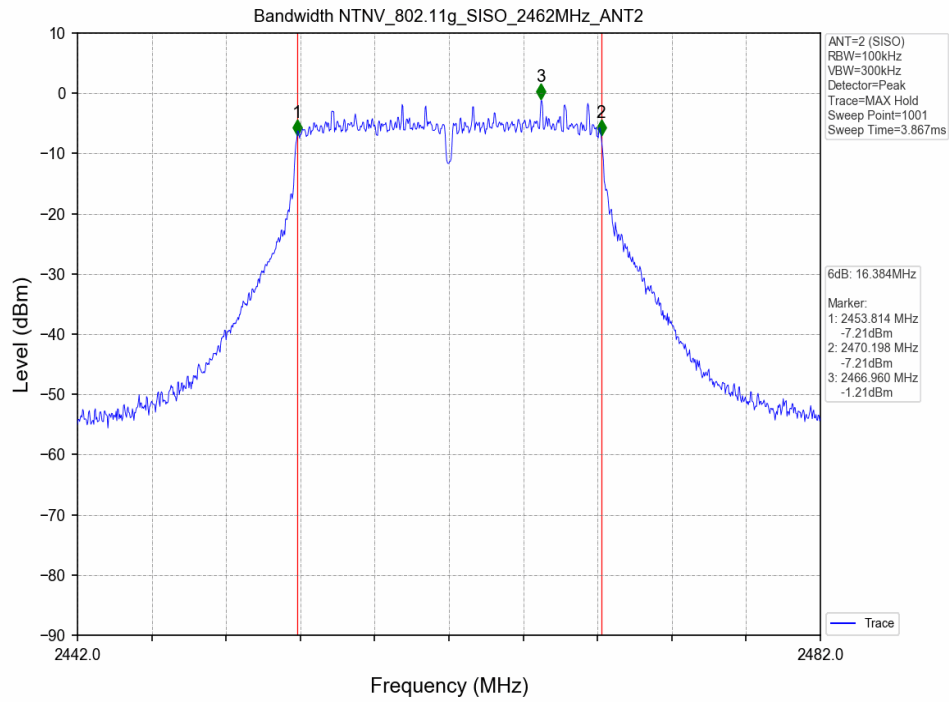


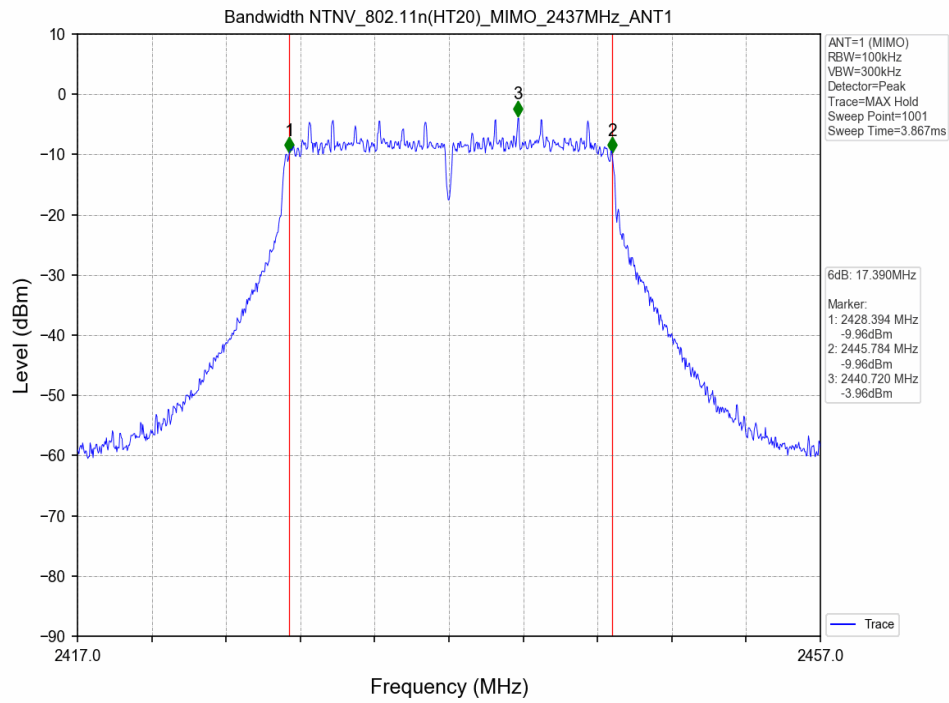
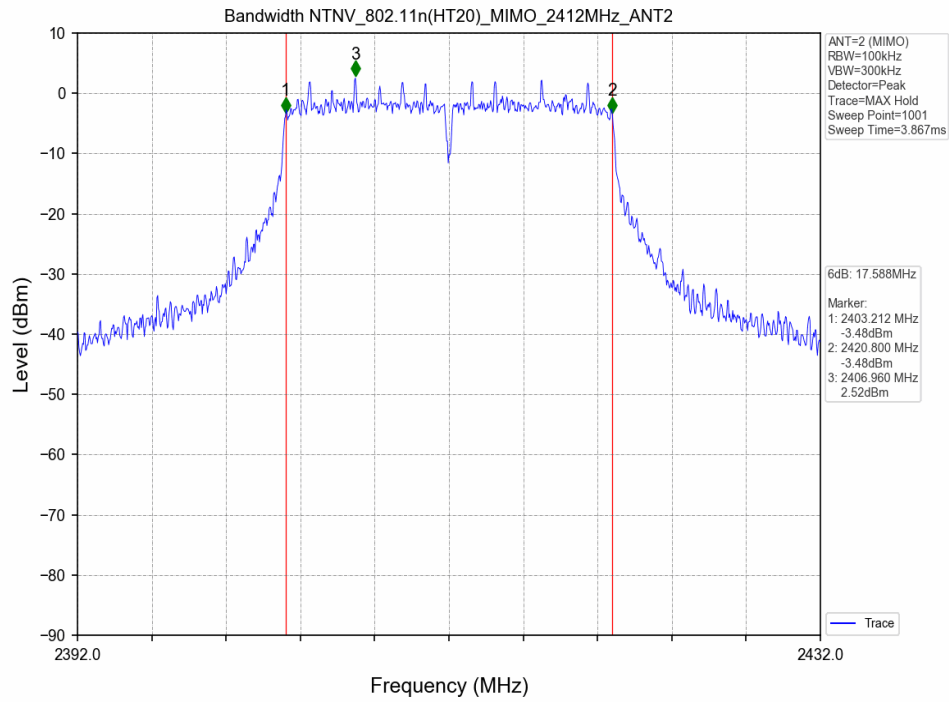


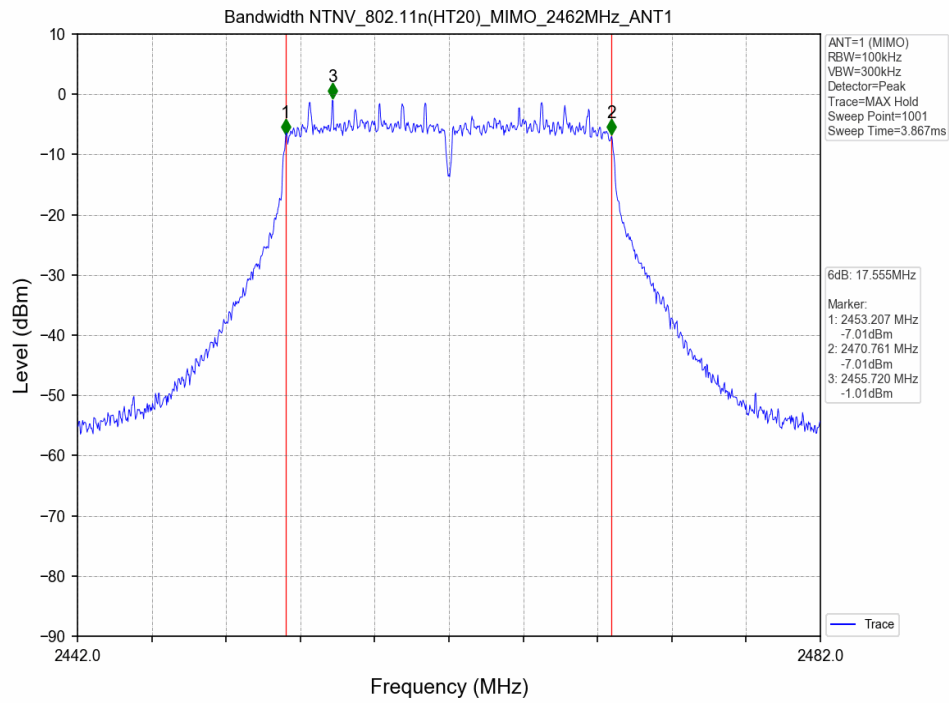
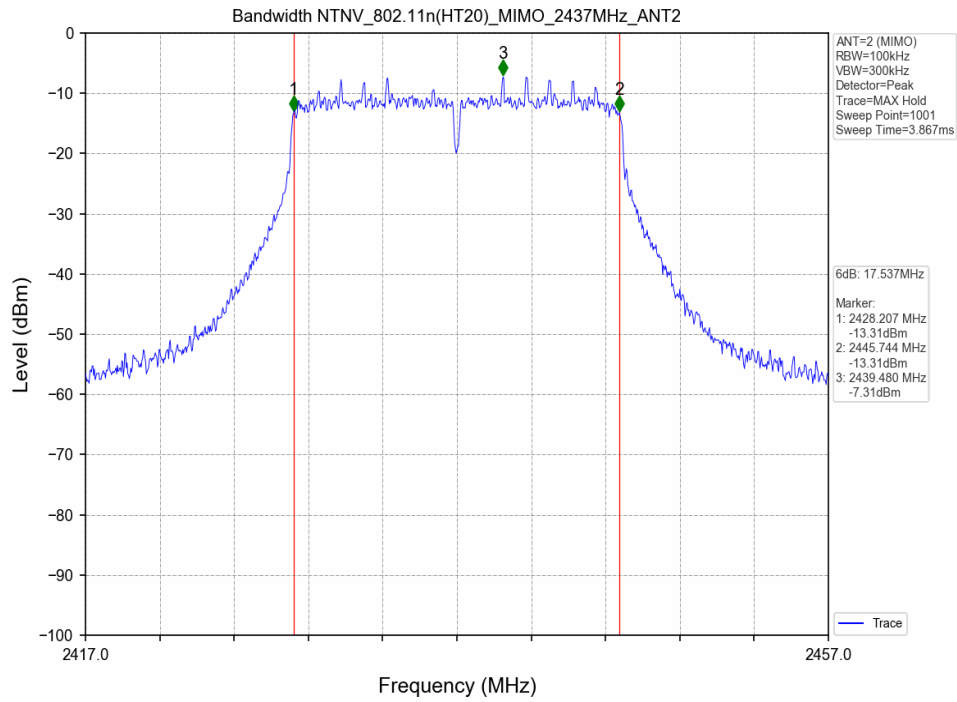


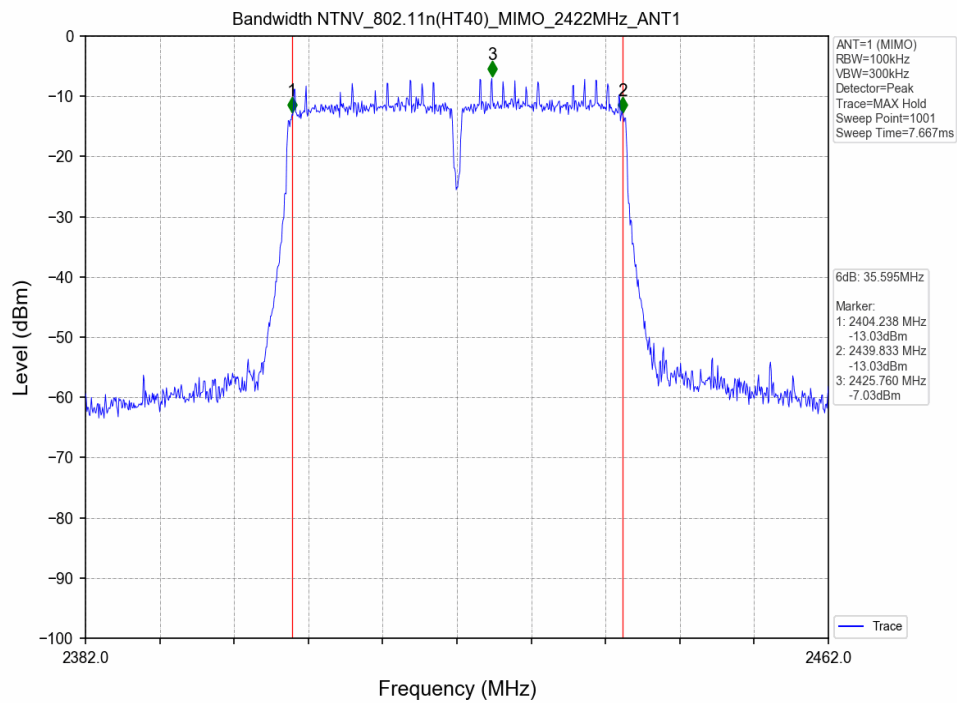
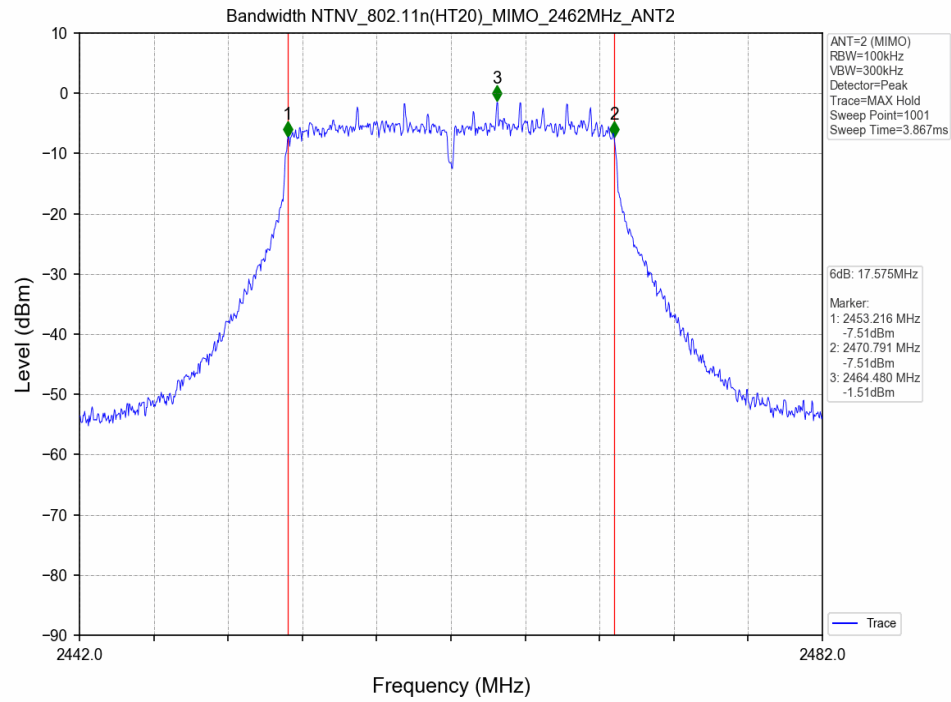


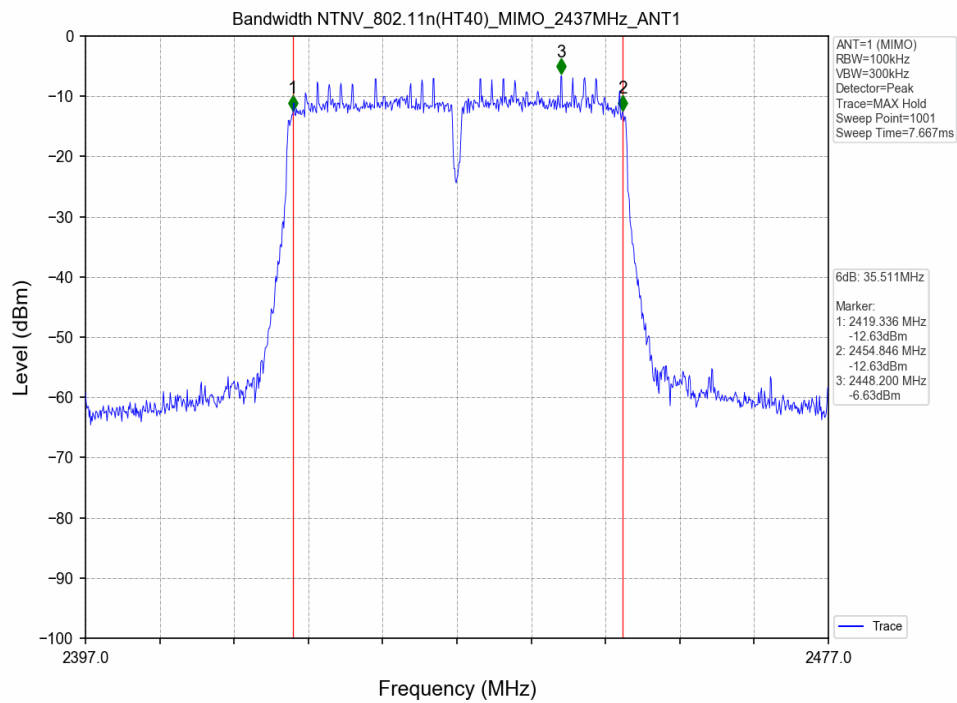
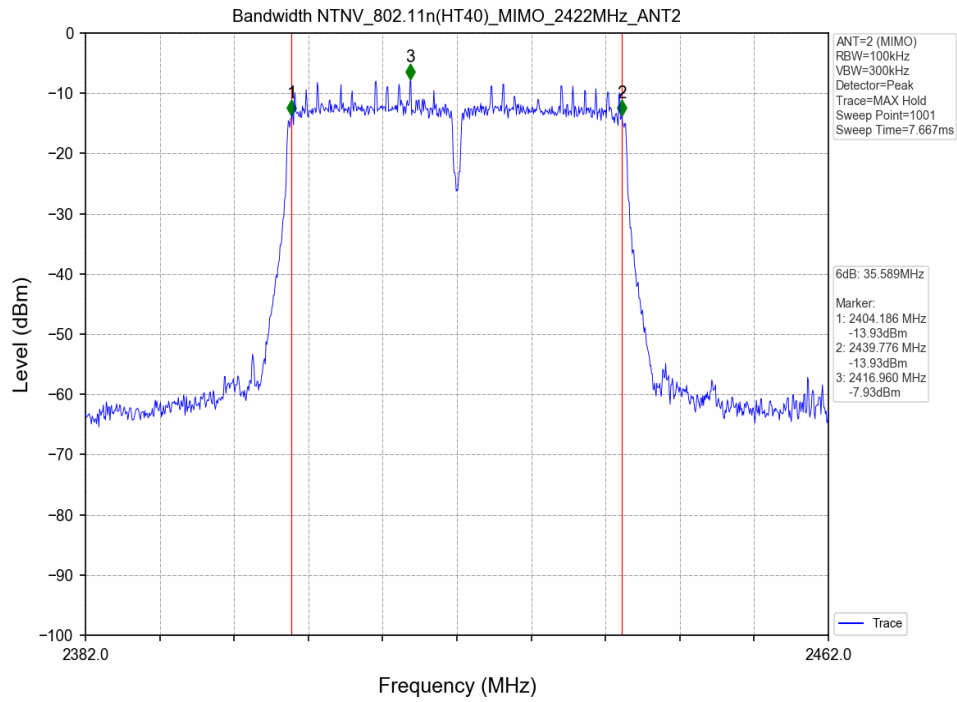


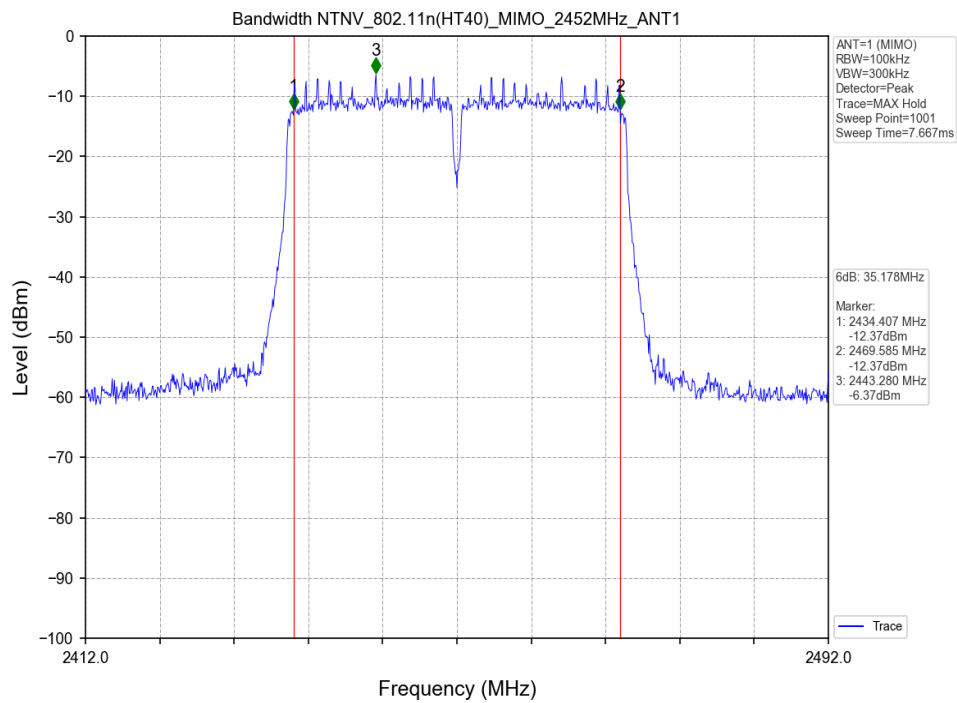
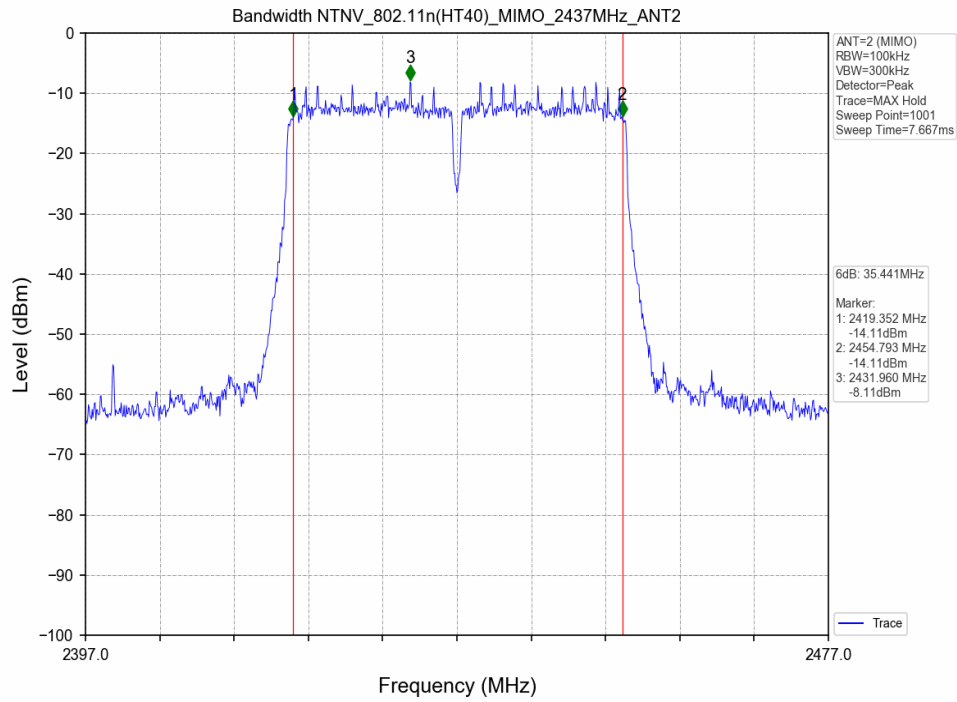


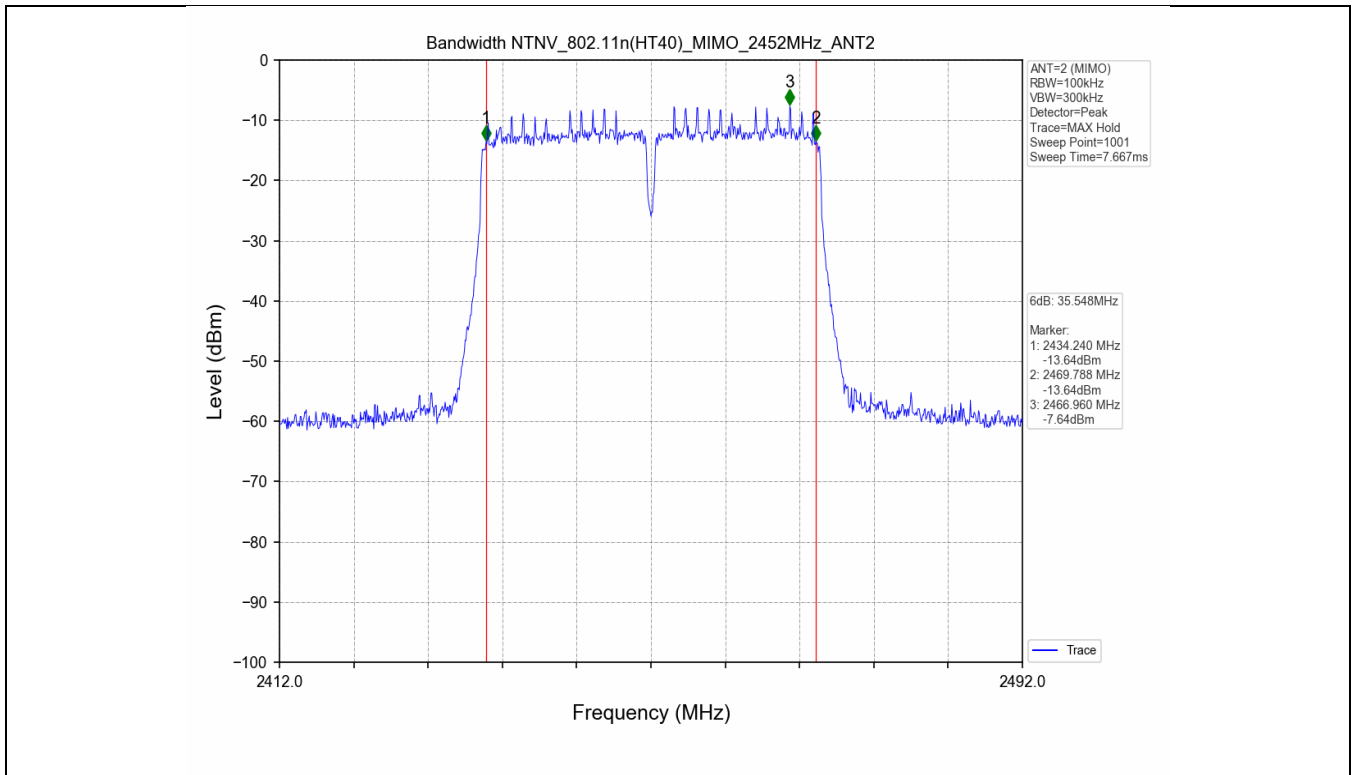












2.3 Test Graph - 99% Occupied Bandwidth

