

Appendix A for KSEM210400056401

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	12.410	12.590	98.57	0.06
			2	12.410	13.270	93.52	0.29
	2437	SISO	1	12.420	12.570	98.81	0.05
			2	12.410	12.590	98.57	0.06
	2462	SISO	1	12.410	12.560	98.81	0.05
			2	12.420	12.570	98.81	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

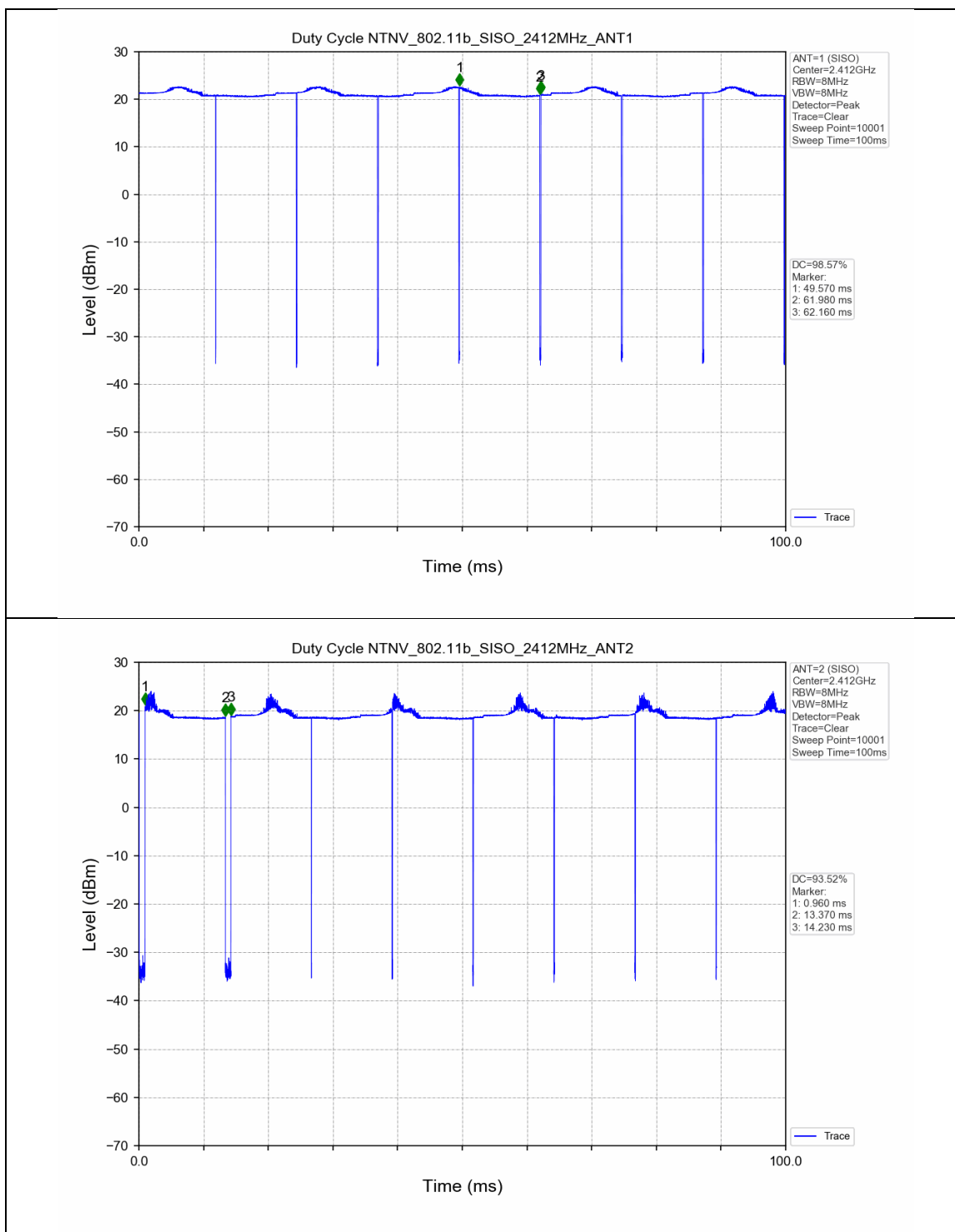


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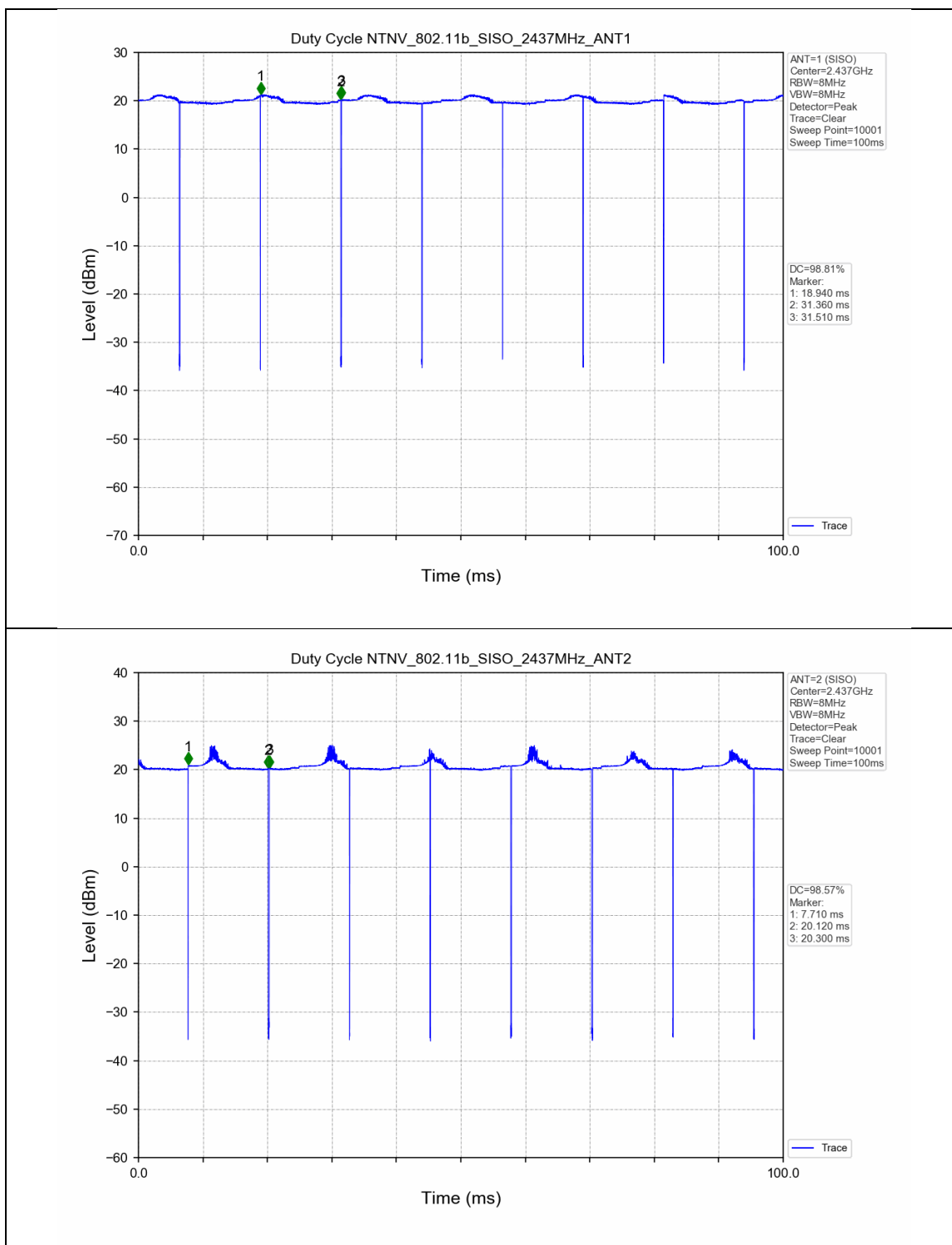
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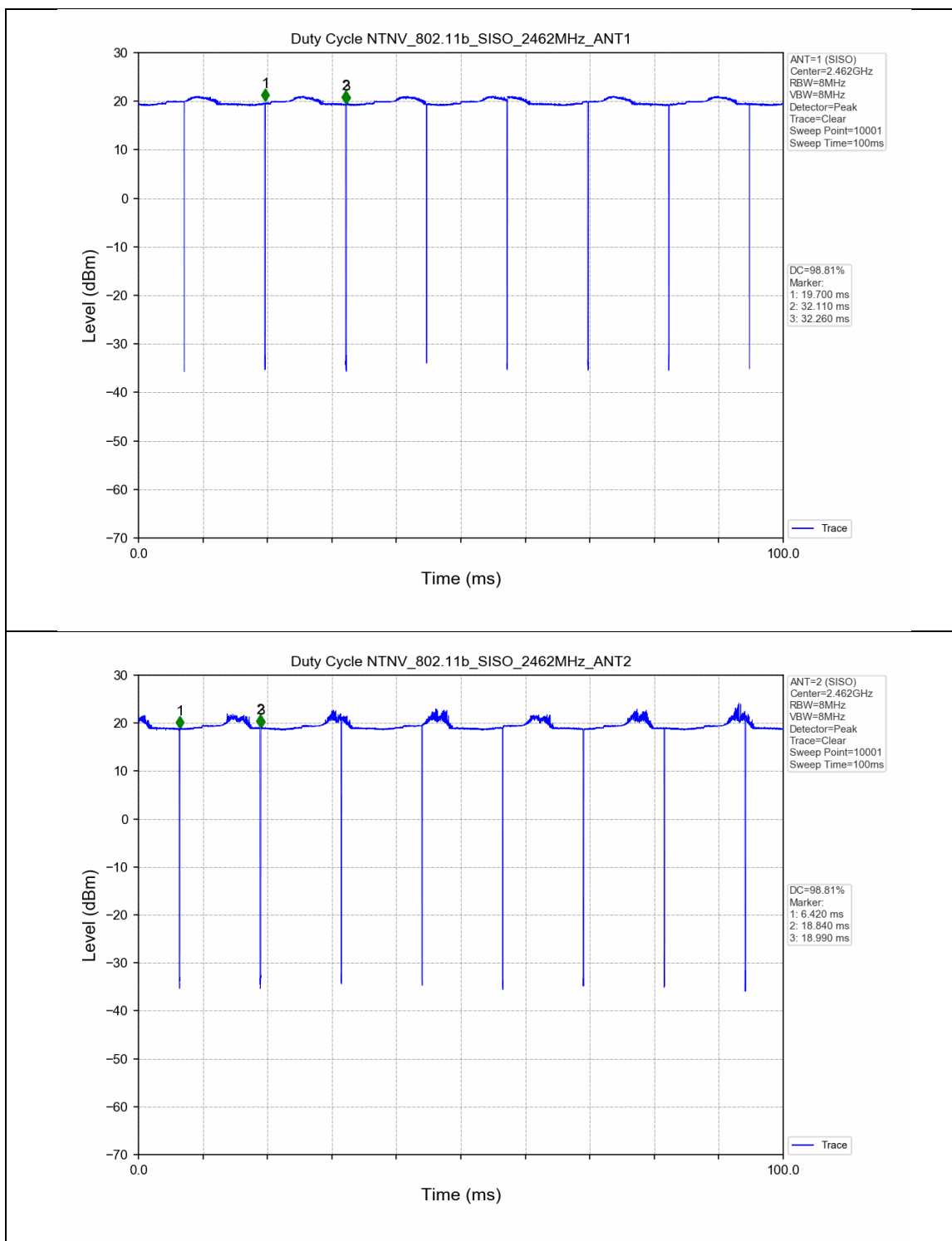
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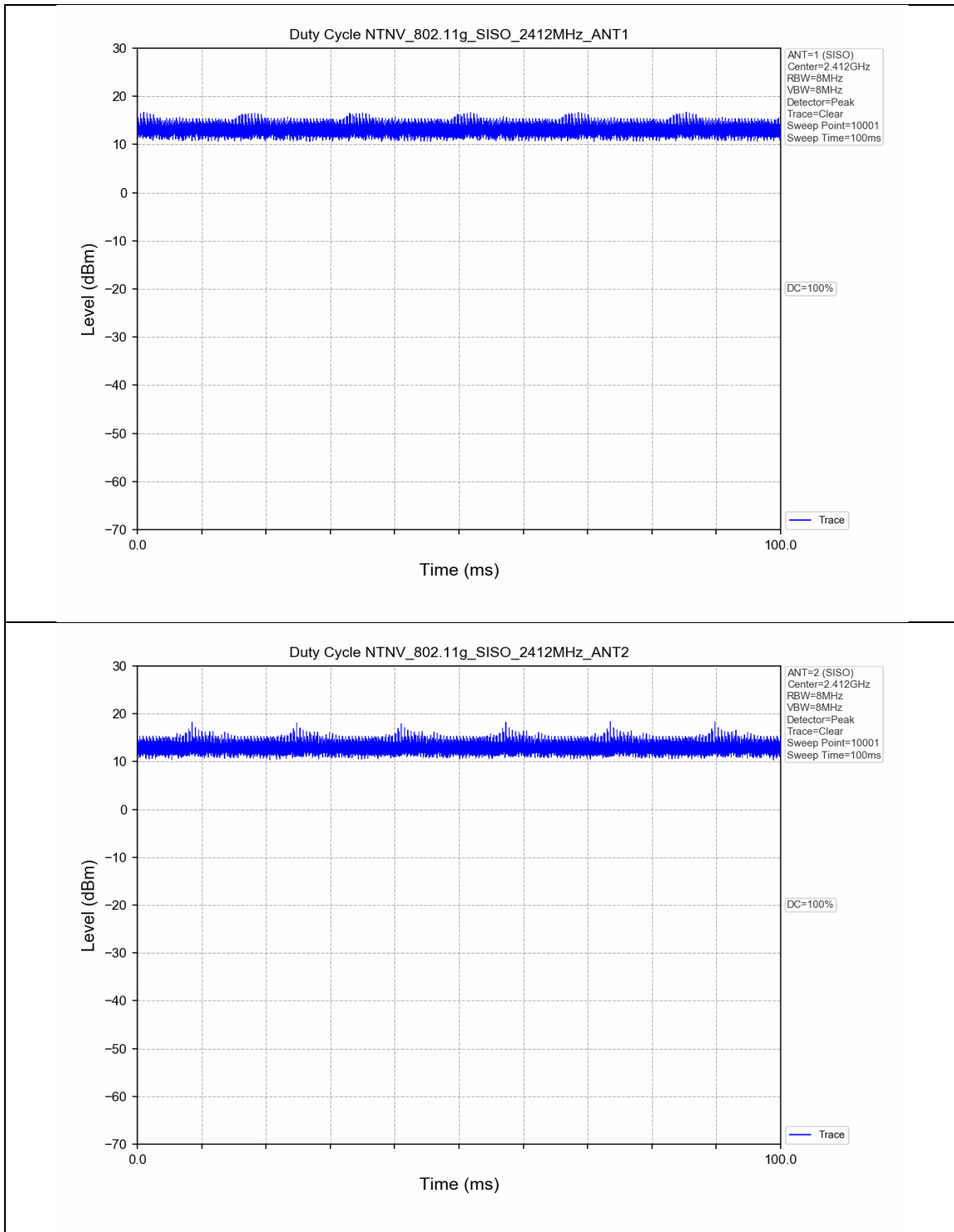
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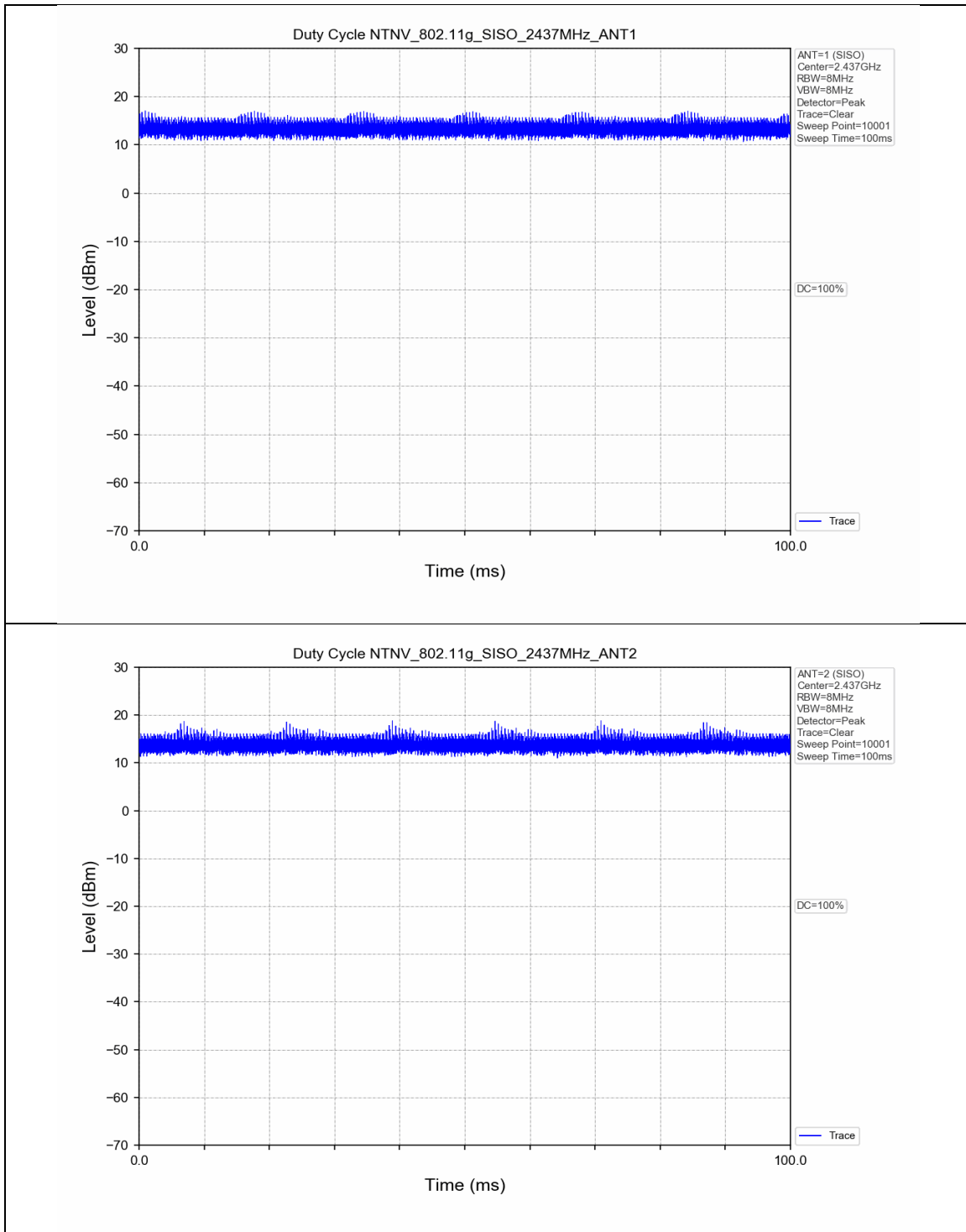
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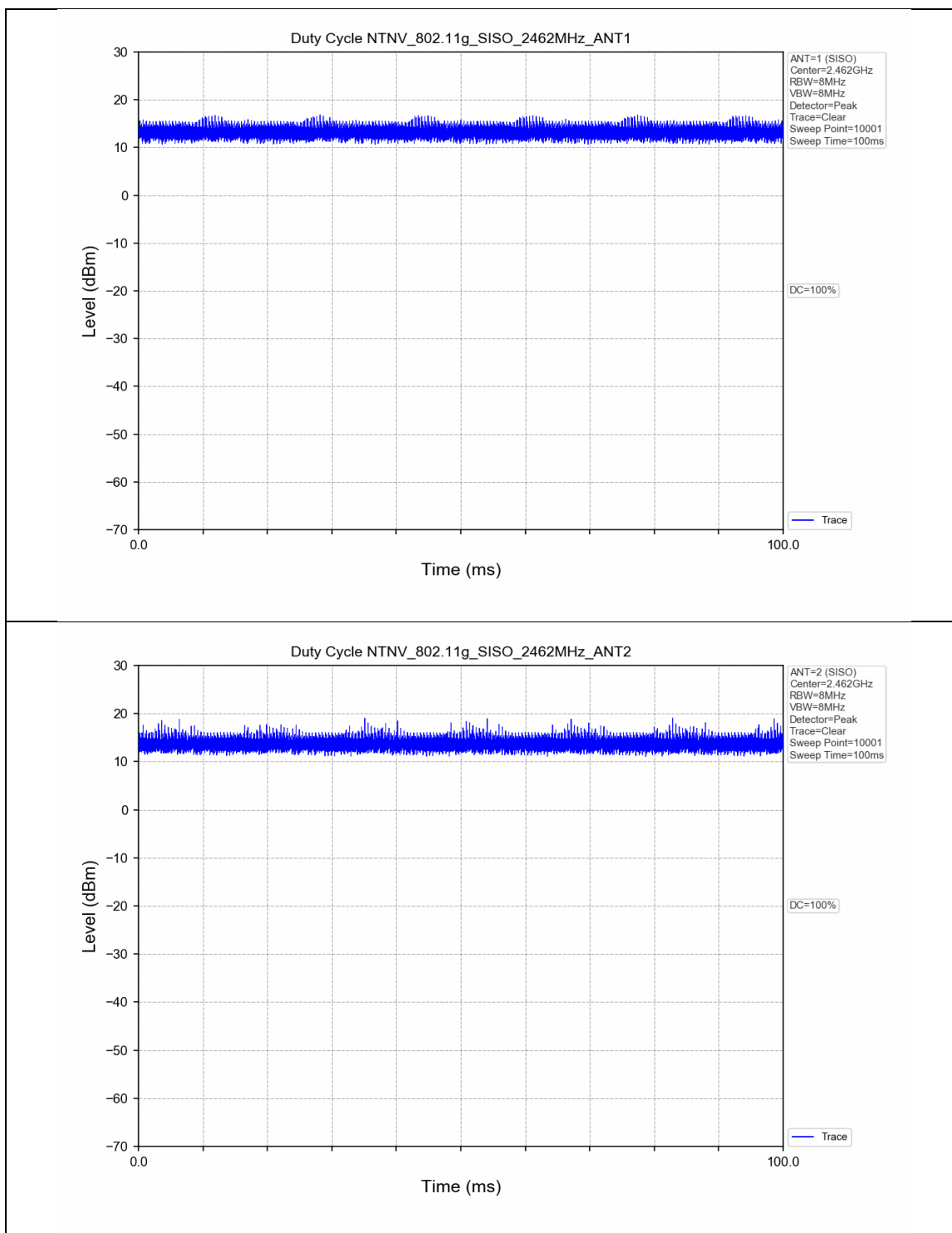
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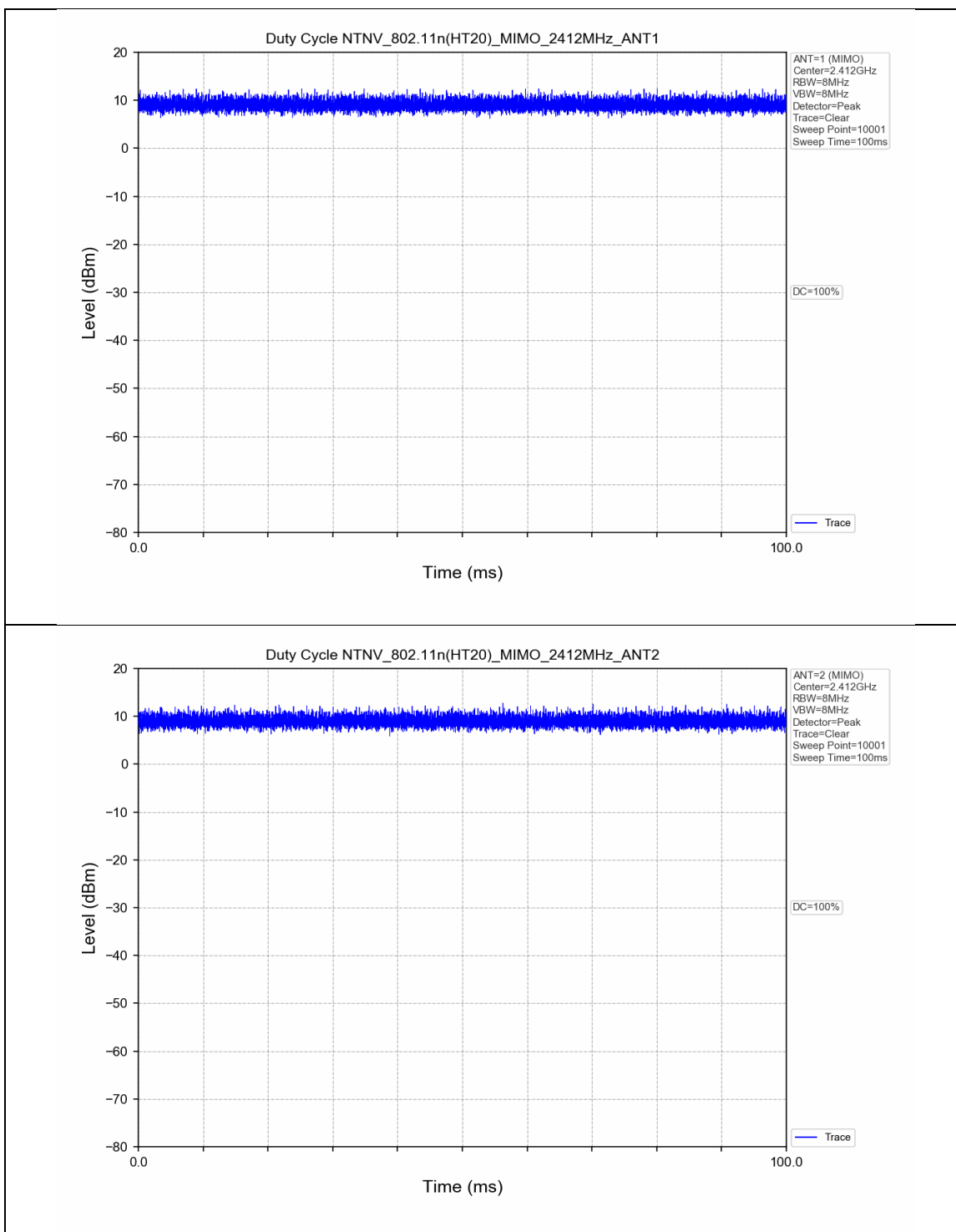
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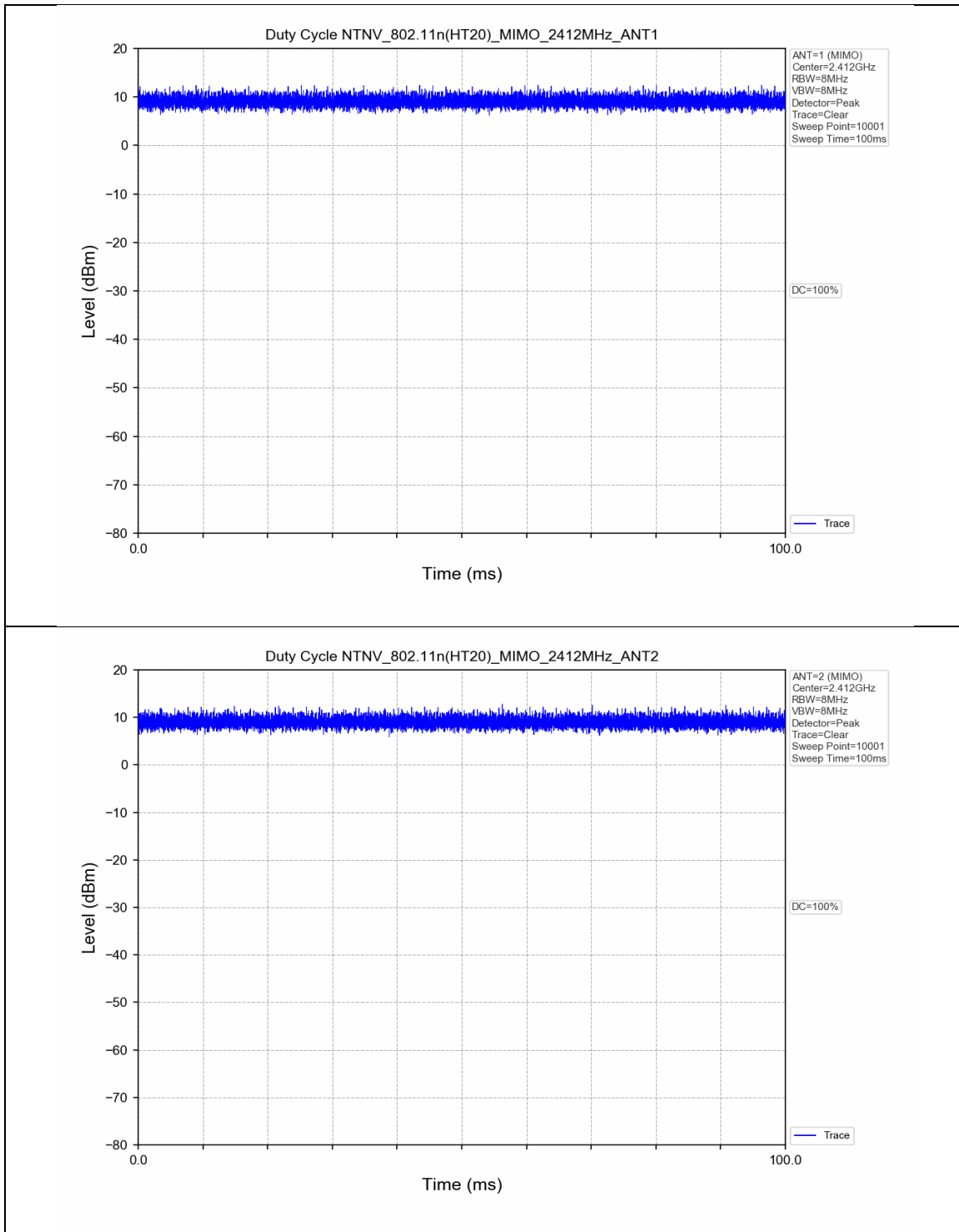
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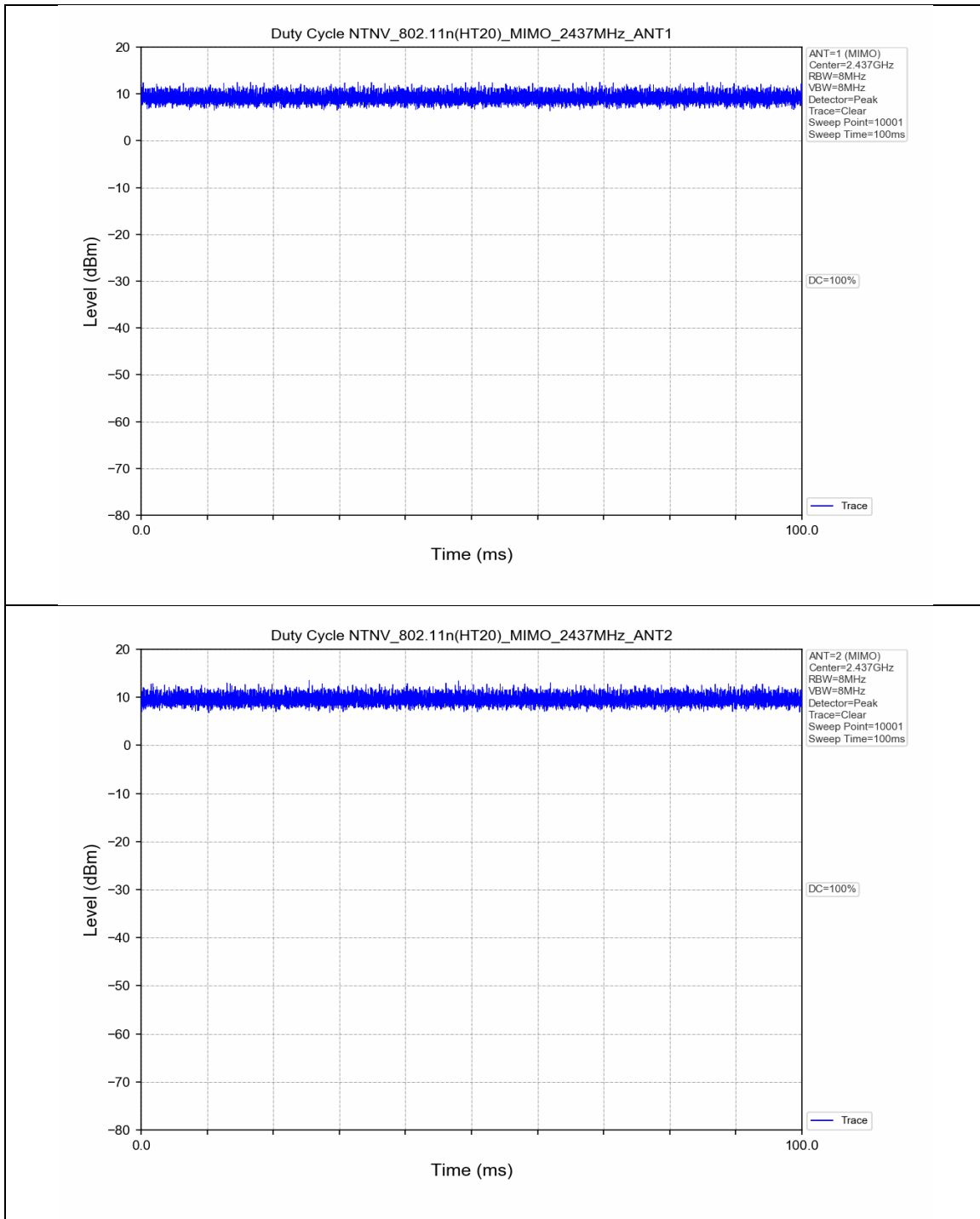
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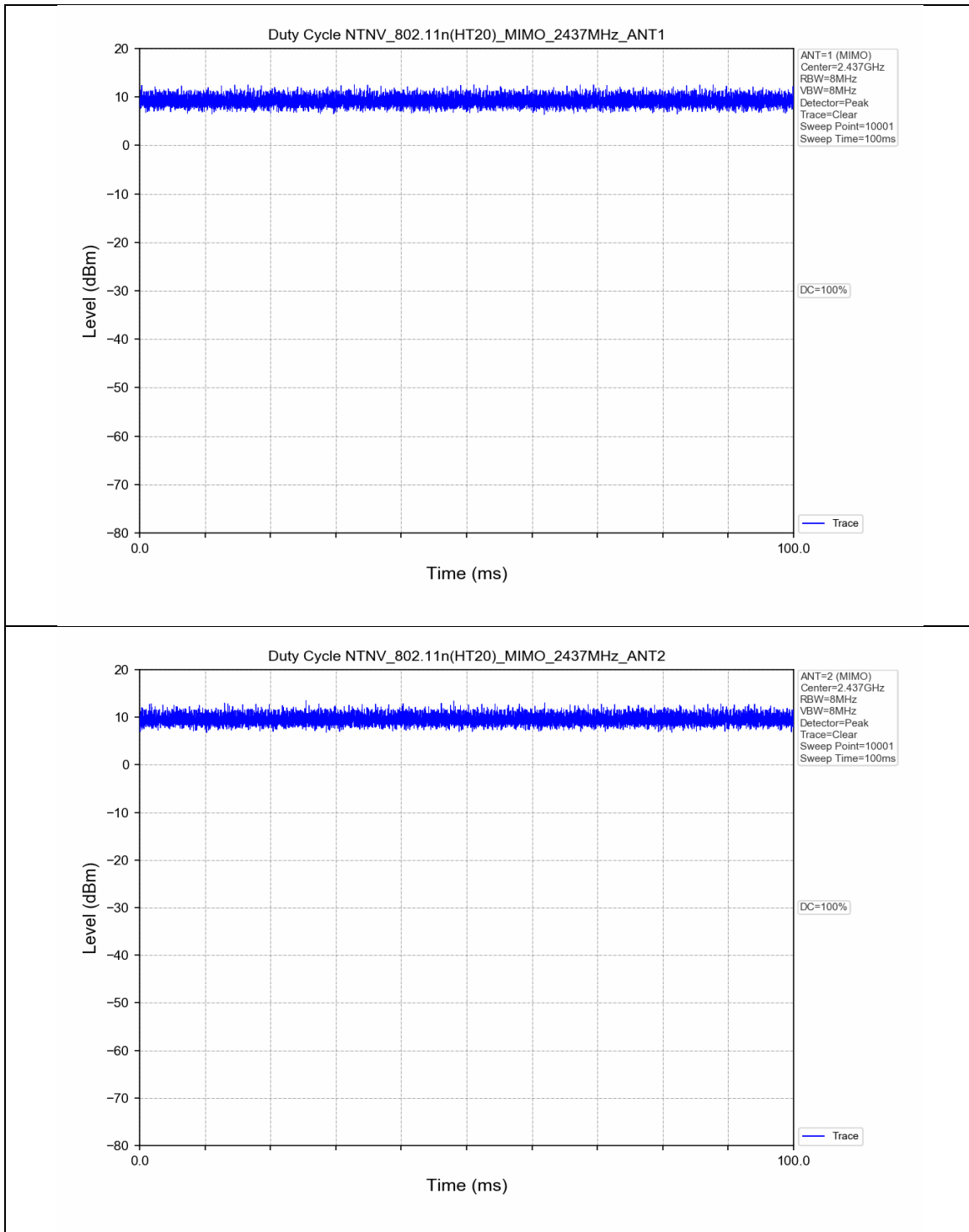
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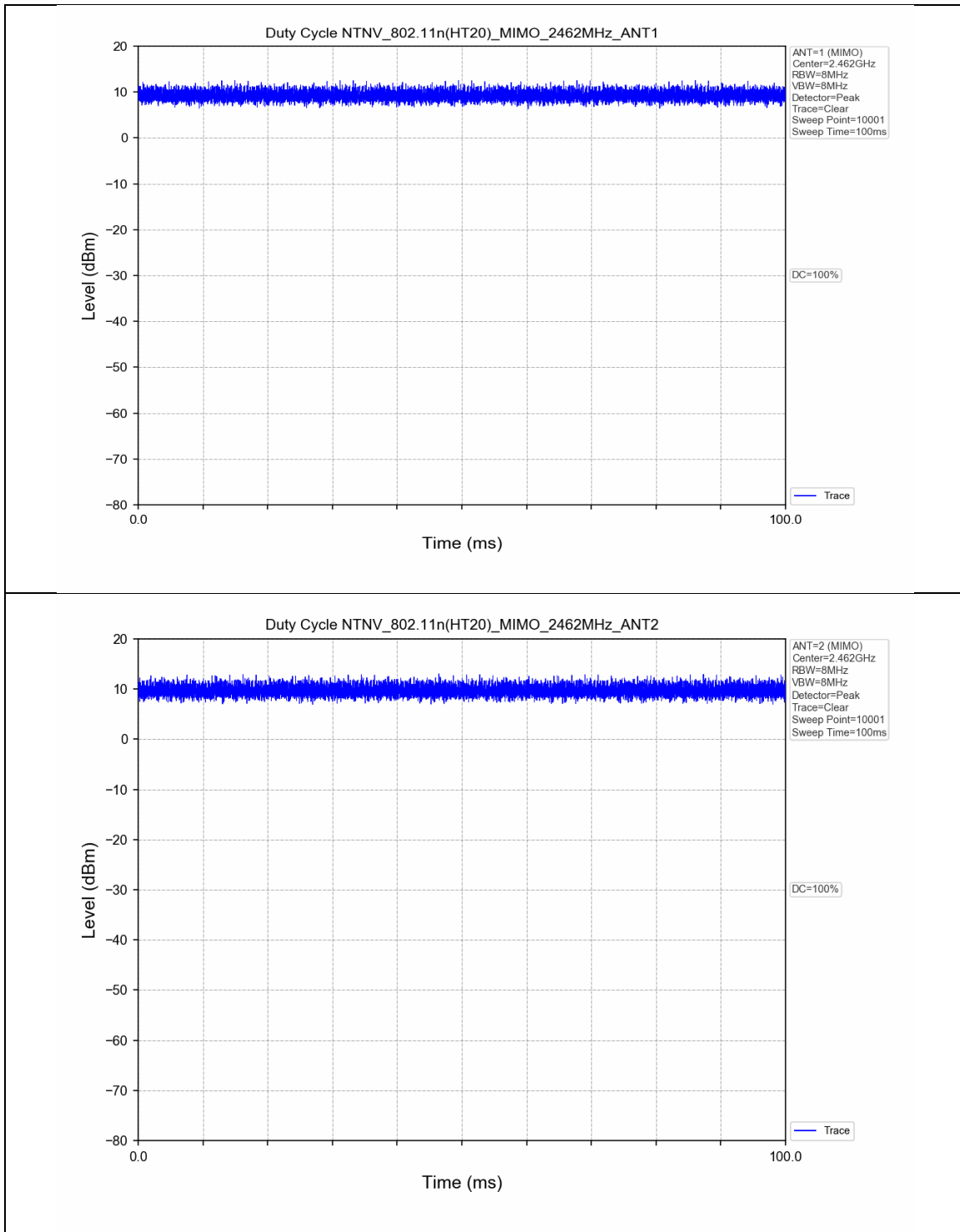
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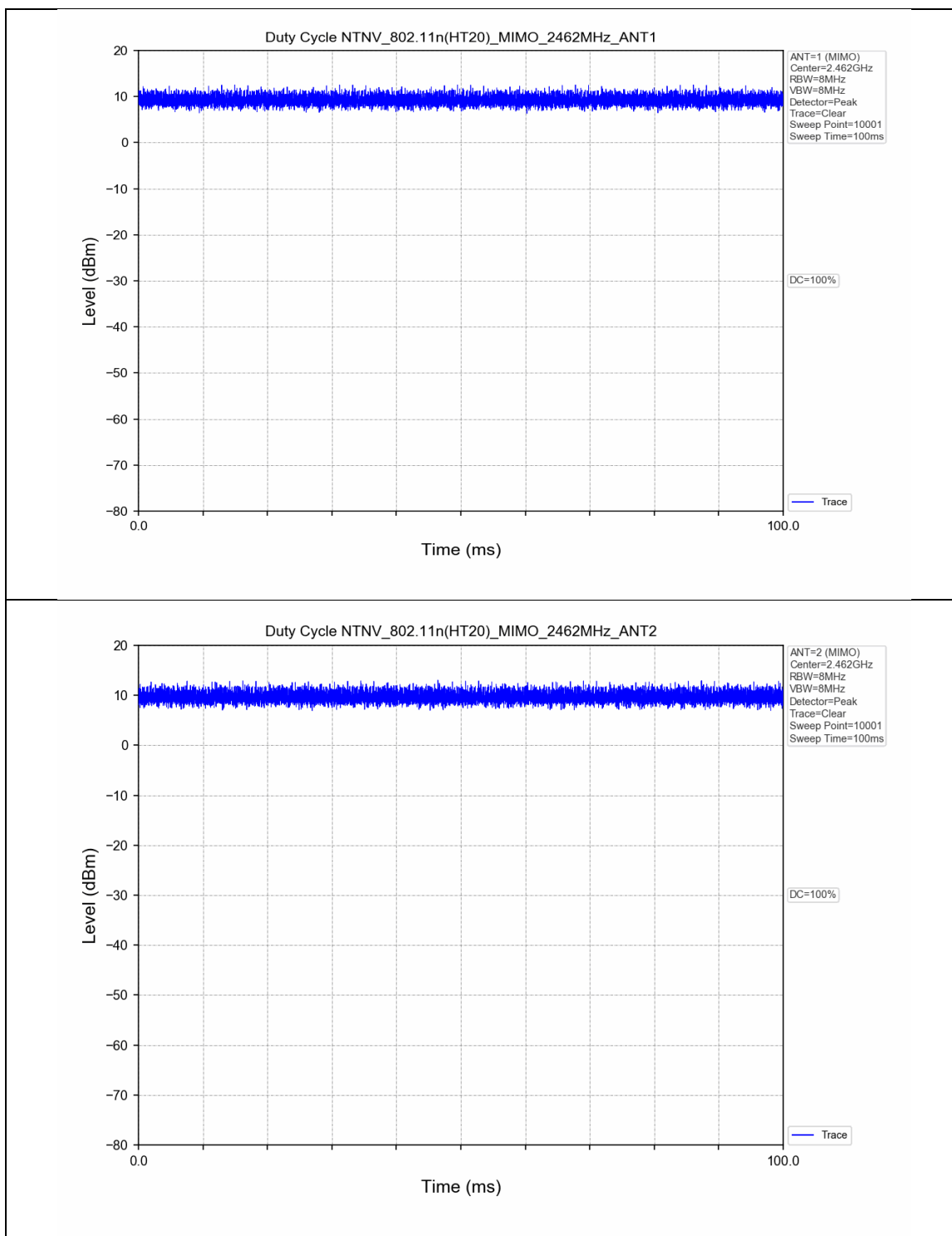


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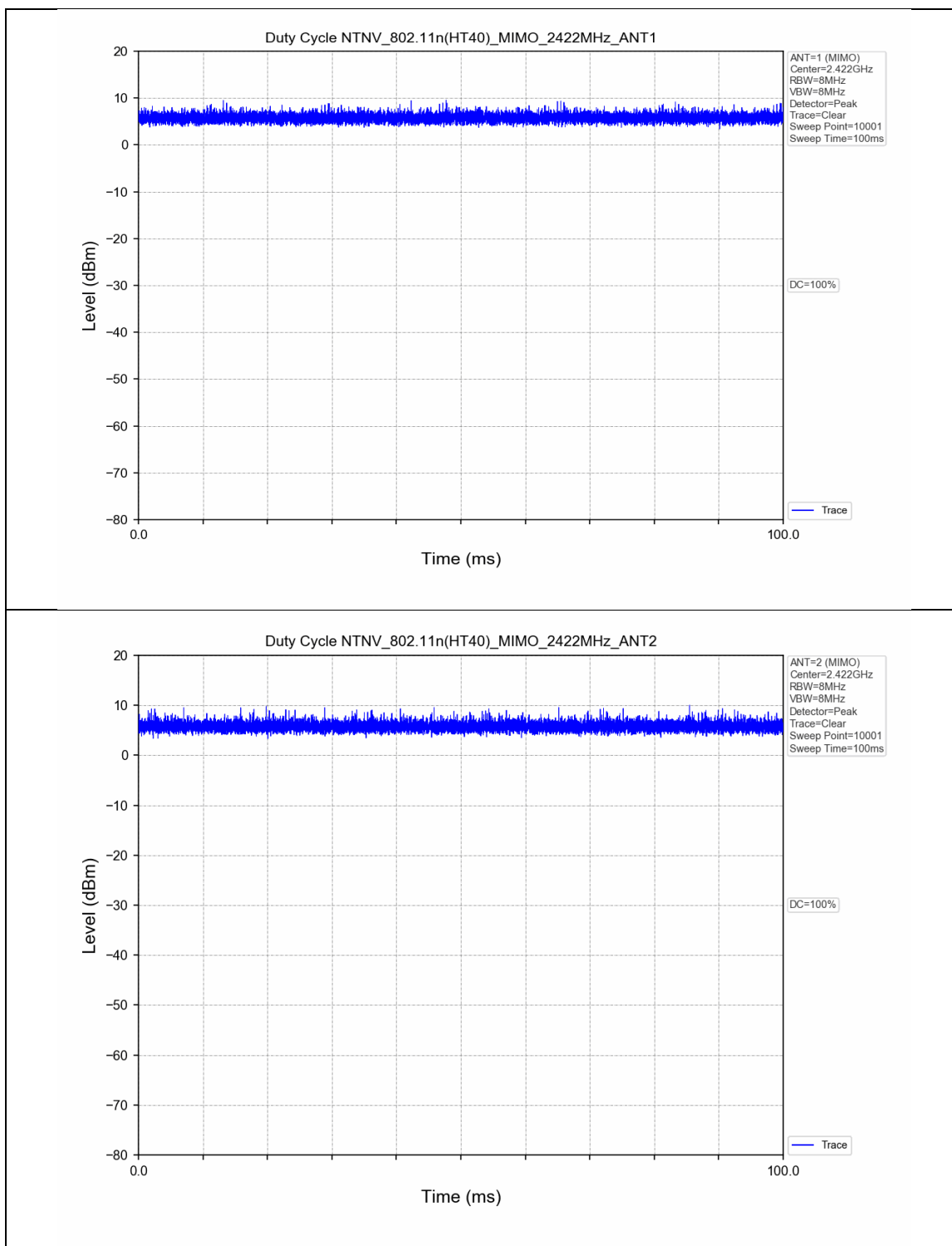
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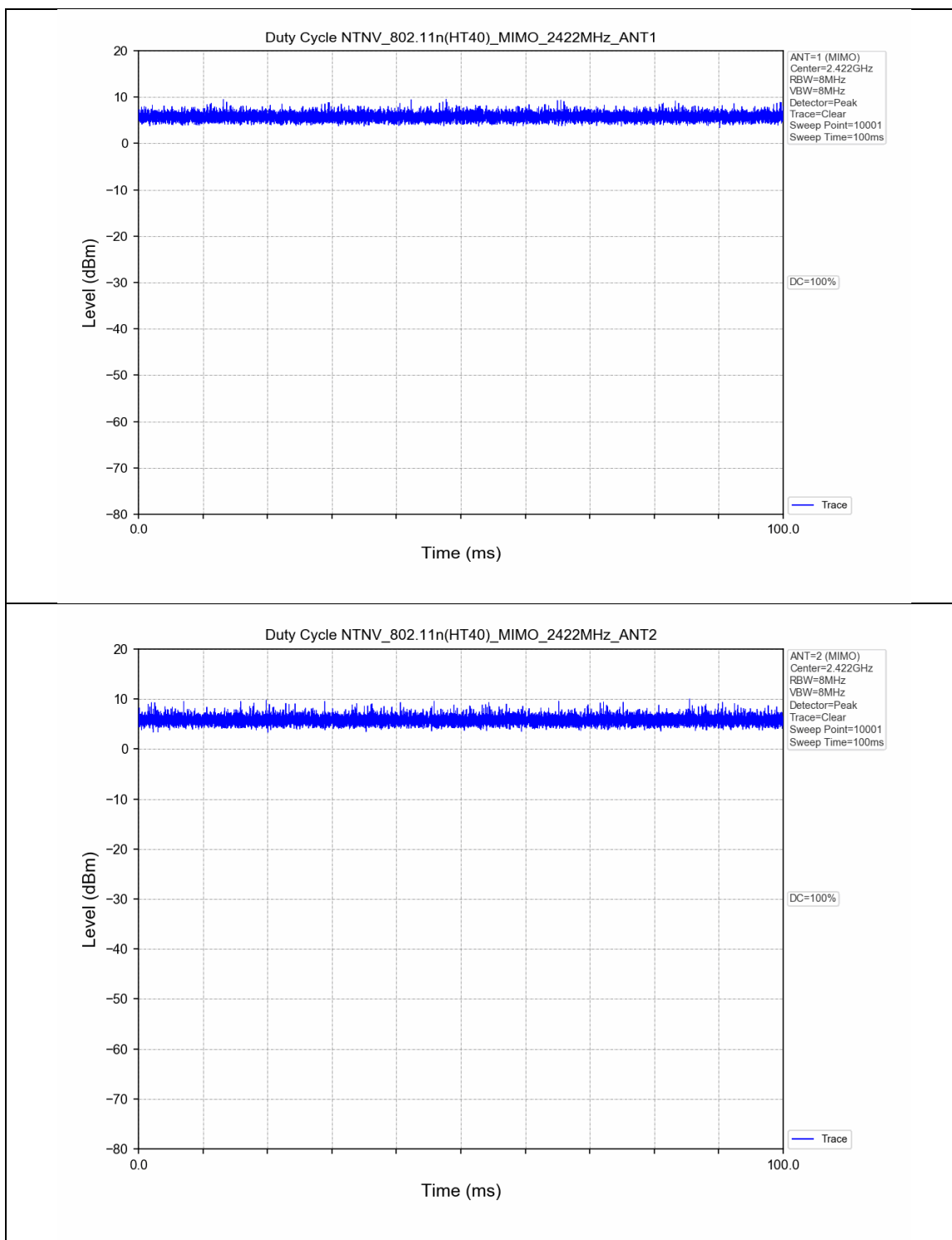
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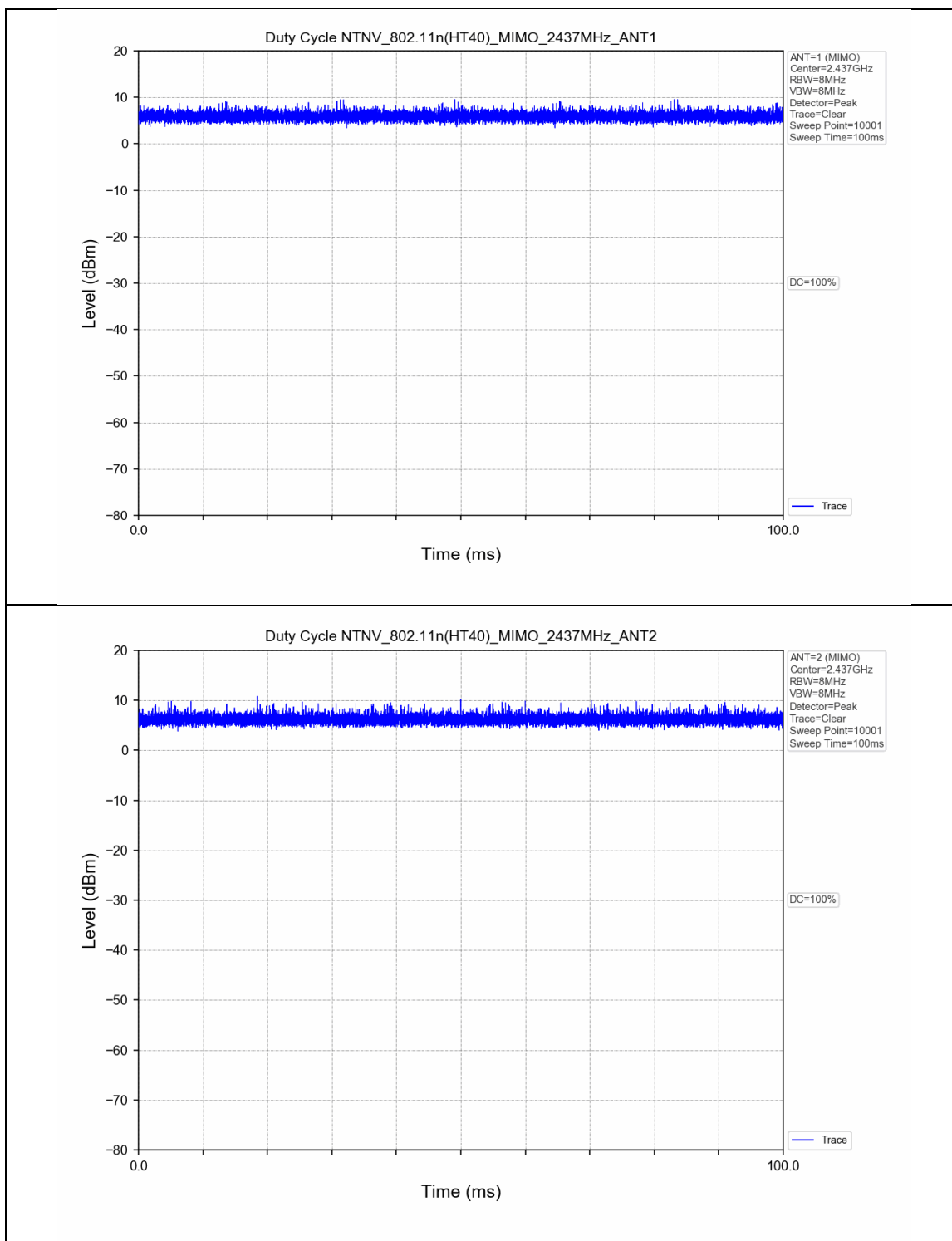
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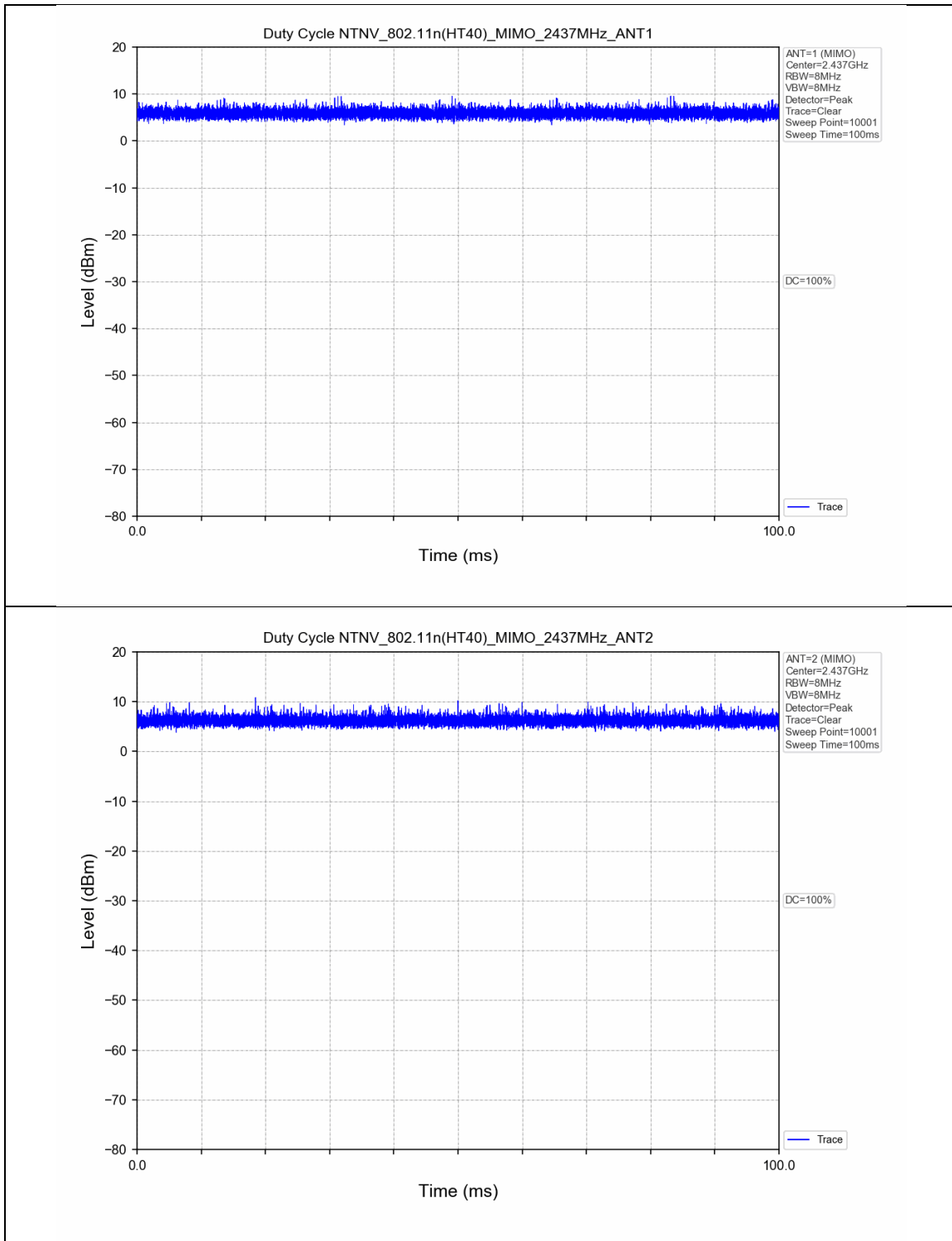
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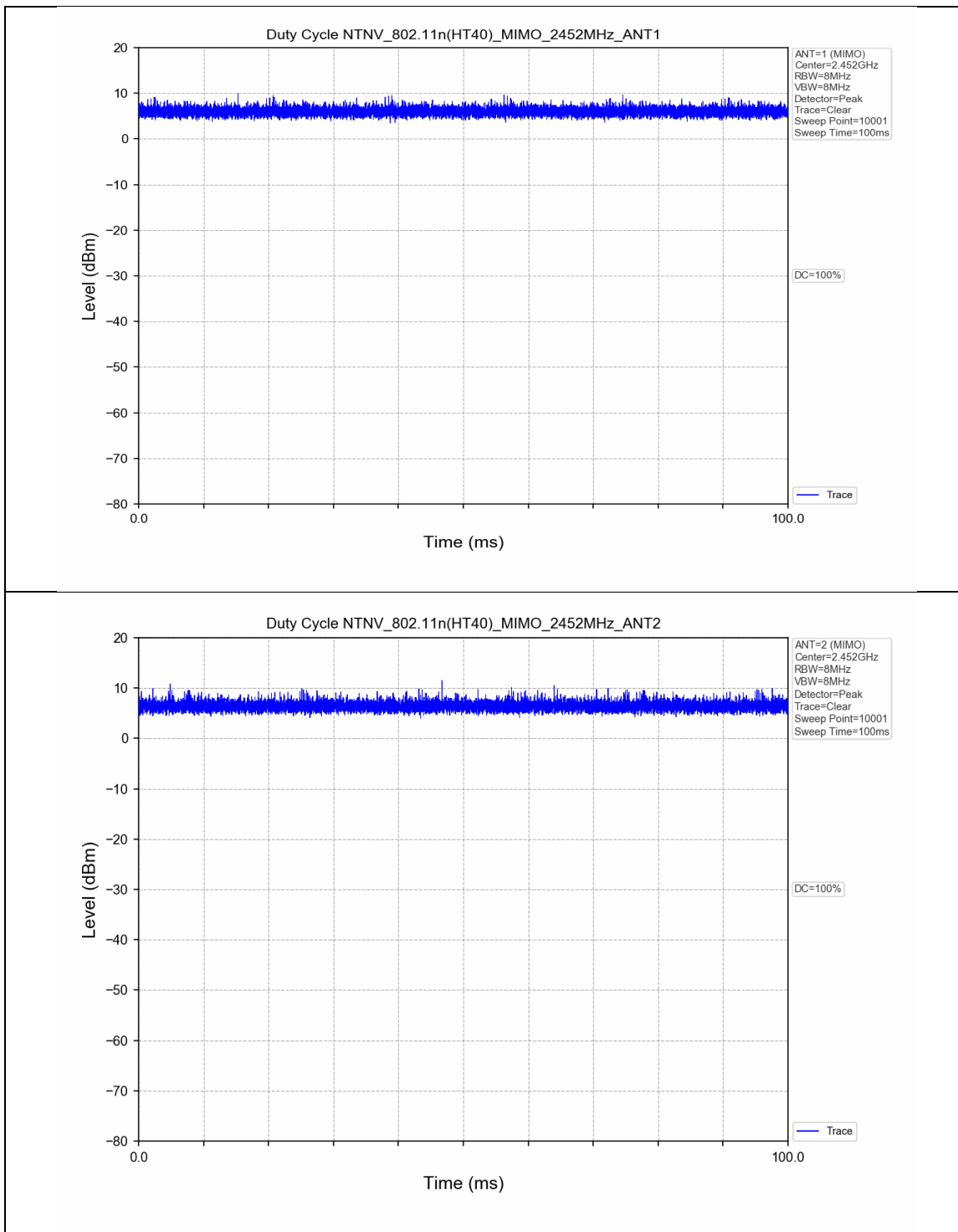
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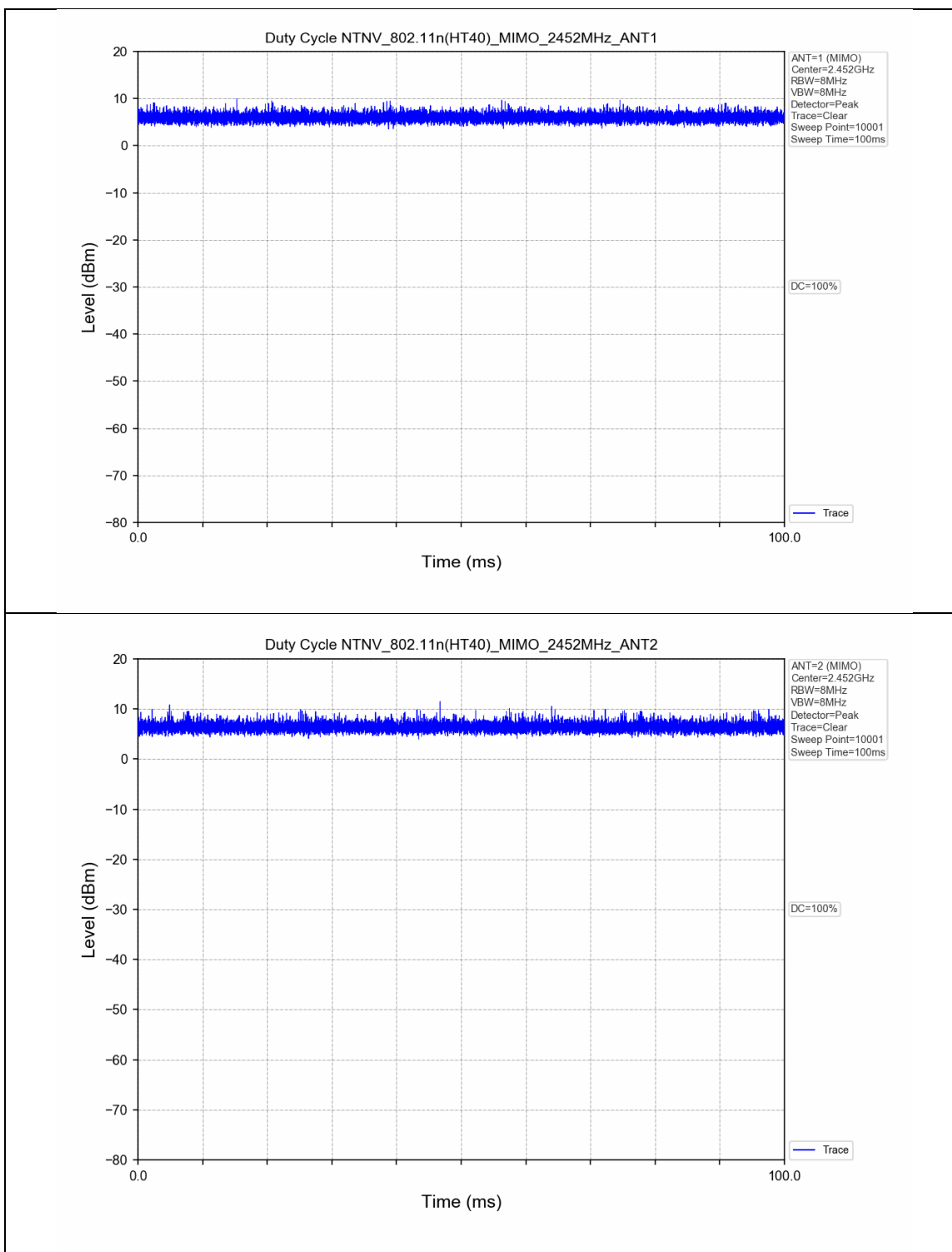
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2. Bandwidth

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	10.091	≥0.5	PASS
			2	10.097	≥0.5	PASS
	2437	SISO	1	10.086	≥0.5	PASS
			2	10.043	≥0.5	PASS
	2462	SISO	1	9.620	≥0.5	PASS
			2	10.086	≥0.5	PASS
802.11g	2412	SISO	1	16.355	≥0.5	PASS
			2	16.378	≥0.5	PASS
	2437	SISO	1	16.586	≥0.5	PASS
			2	16.544	≥0.5	PASS
	2462	SISO	1	16.579	≥0.5	PASS
			2	16.541	≥0.5	PASS
802.11n(HT20)	2412	MIMO	1	17.700	≥0.5	PASS
			2	17.726	≥0.5	PASS
	2437	MIMO	1	17.705	≥0.5	PASS
			2	17.745	≥0.5	PASS
	2462	MIMO	1	17.702	≥0.5	PASS
			2	17.718	≥0.5	PASS
802.11n(HT40)	2422	MIMO	1	36.436	≥0.5	PASS
			2	36.435	≥0.5	PASS
	2437	MIMO	1	36.433	≥0.5	PASS
			2	36.418	≥0.5	PASS
	2452	MIMO	1	36.422	≥0.5	PASS
			2	36.417	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.906	Only for Report Use
			2	14.886	Only for Report Use
	2437	SISO	1	14.867	Only for Report Use
			2	14.819	Only for Report Use
	2462	SISO	1	14.858	Only for Report Use
			2	14.844	Only for Report Use
802.11g	2412	SISO	1	16.717	Only for Report Use
			2	16.660	Only for Report Use
	2437	SISO	1	16.696	Only for Report Use
			2	16.642	Only for Report Use
	2462	SISO	1	16.714	Only for Report Use
			2	16.630	Only for Report Use
802.11n(HT20)	2412	MIMO	1	17.696	Only for Report Use
			2	17.682	Only for Report Use
	2437	MIMO	1	17.692	Only for Report Use



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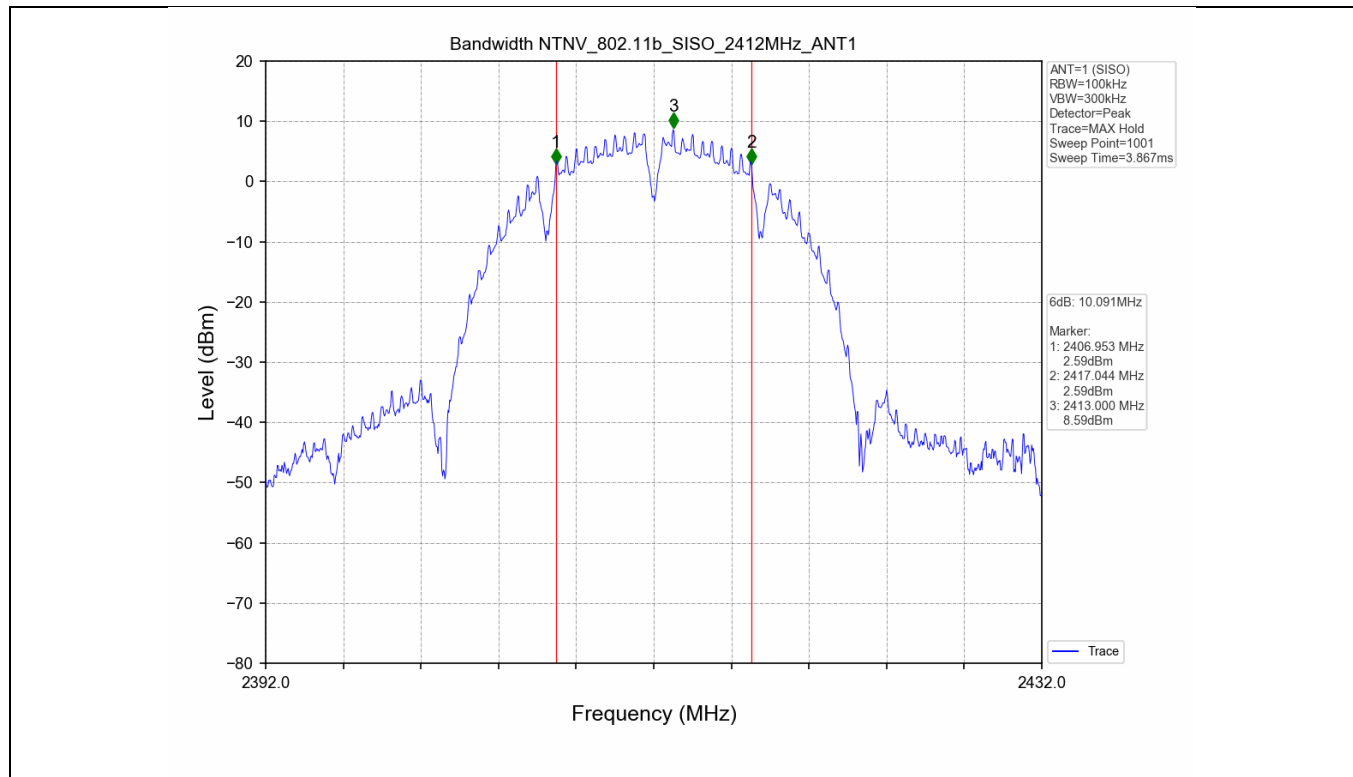
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802.11n(HT40)	2462	MIMO	2	17.678	Only for Report Use
			1	17.690	Only for Report Use
			2	17.684	Only for Report Use
	2422	MIMO	1	35.942	Only for Report Use
			2	35.935	Only for Report Use
	2437	MIMO	1	35.918	Only for Report Use
			2	35.879	Only for Report Use
	2452	MIMO	1	35.894	Only for Report Use
			2	35.873	Only for Report Use

2.2 Test Graph - 6dB Bandwidth



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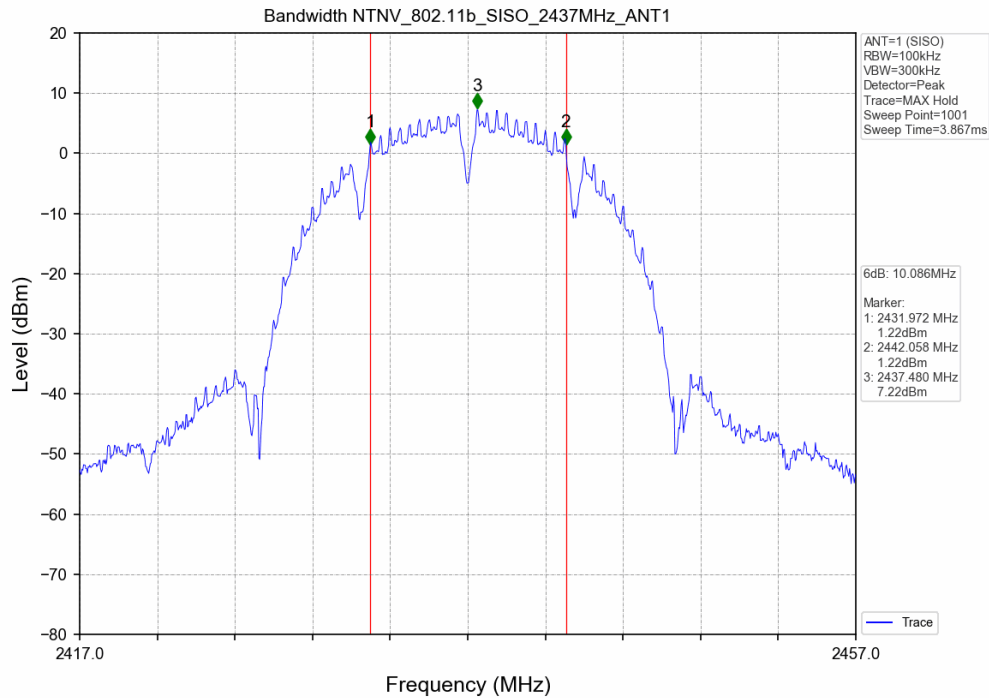
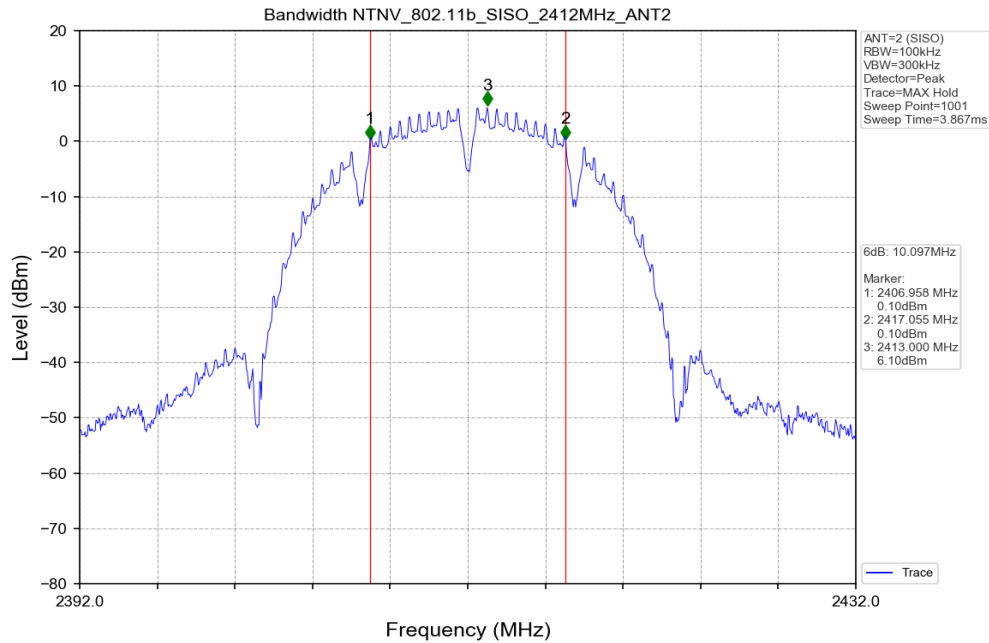
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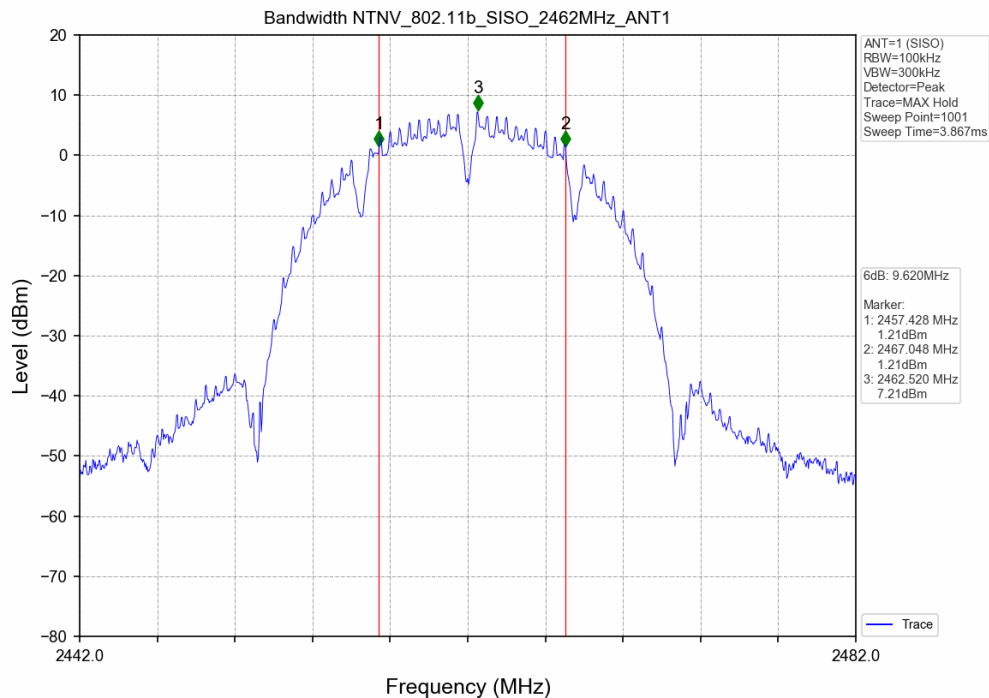
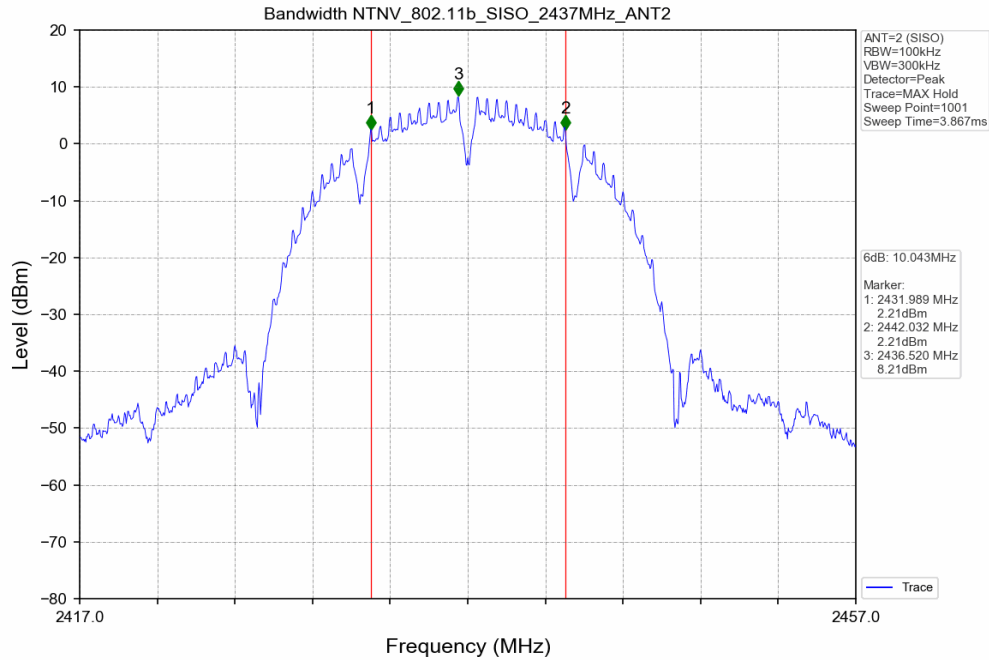


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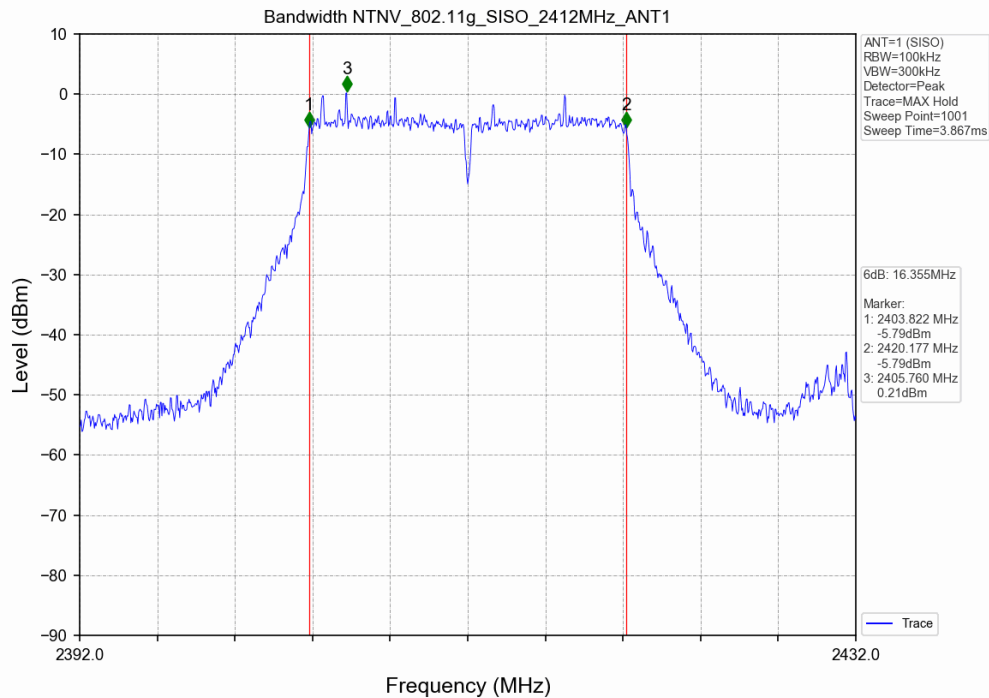
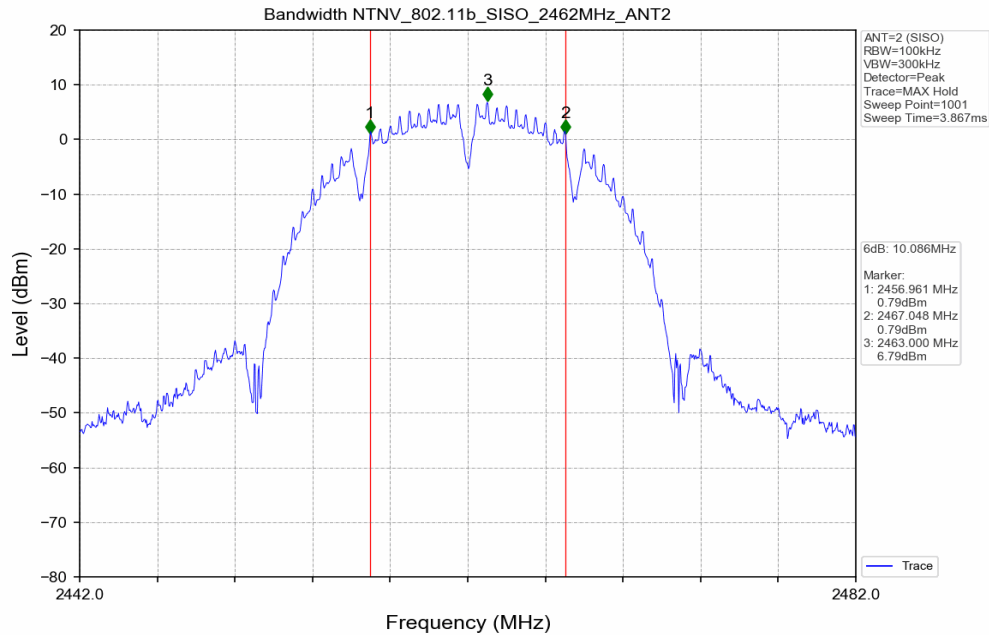


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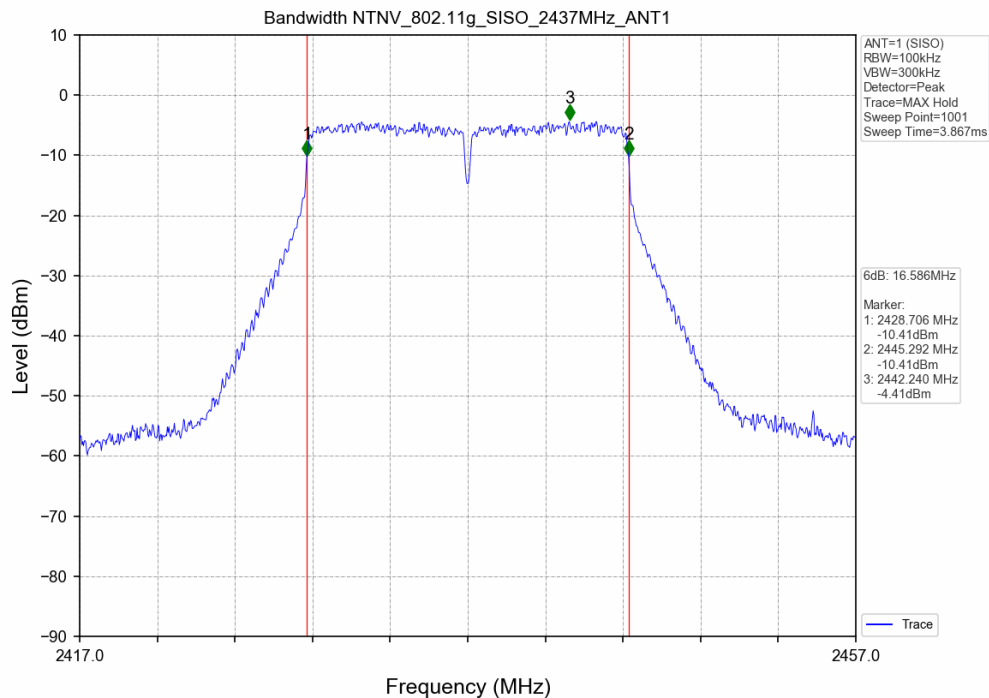
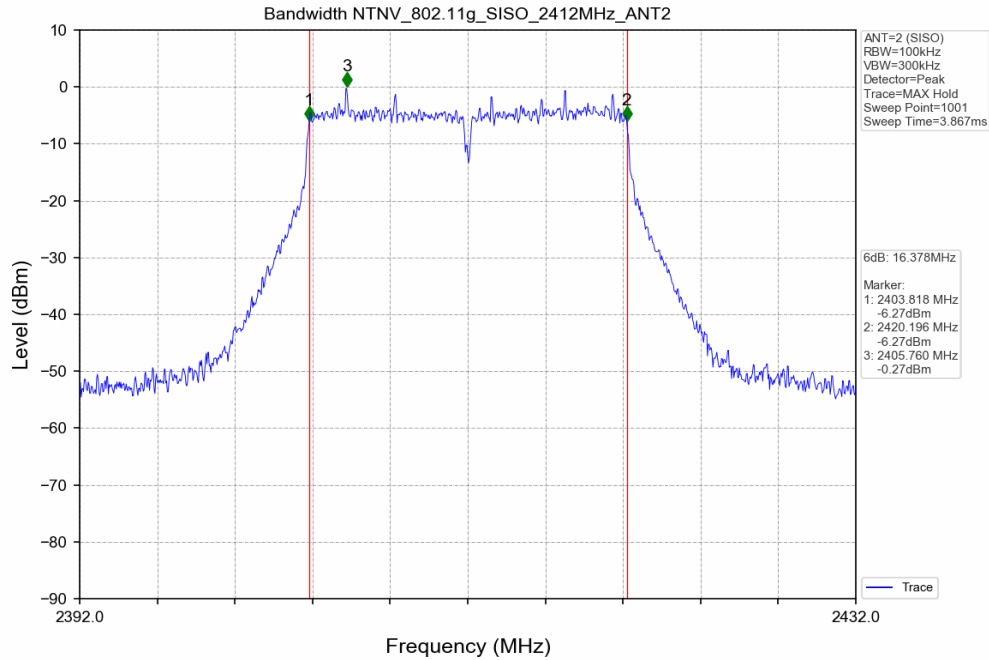
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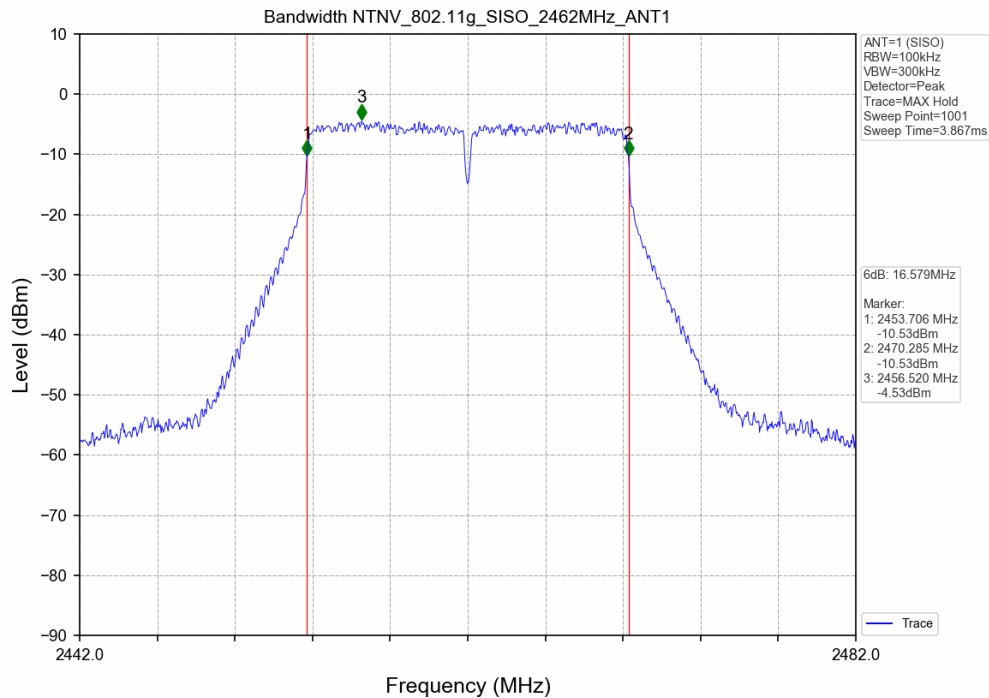
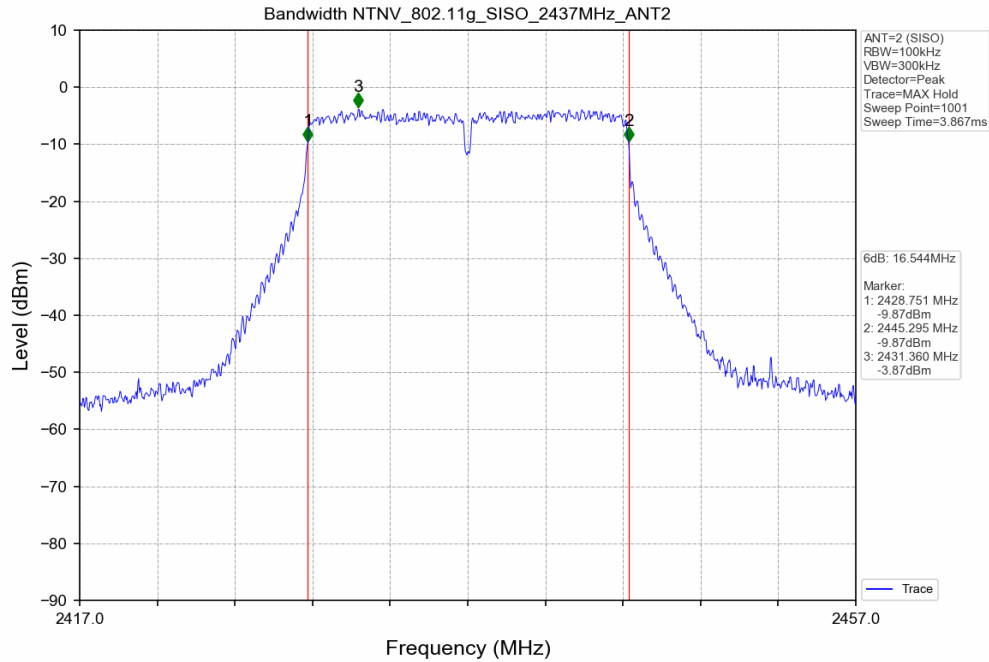
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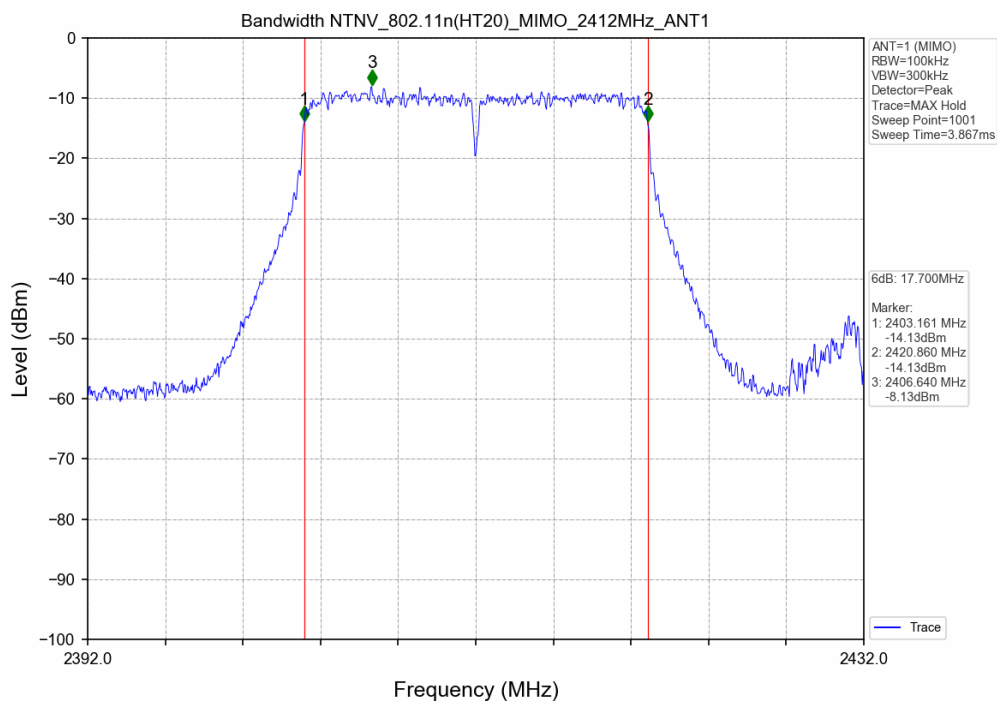
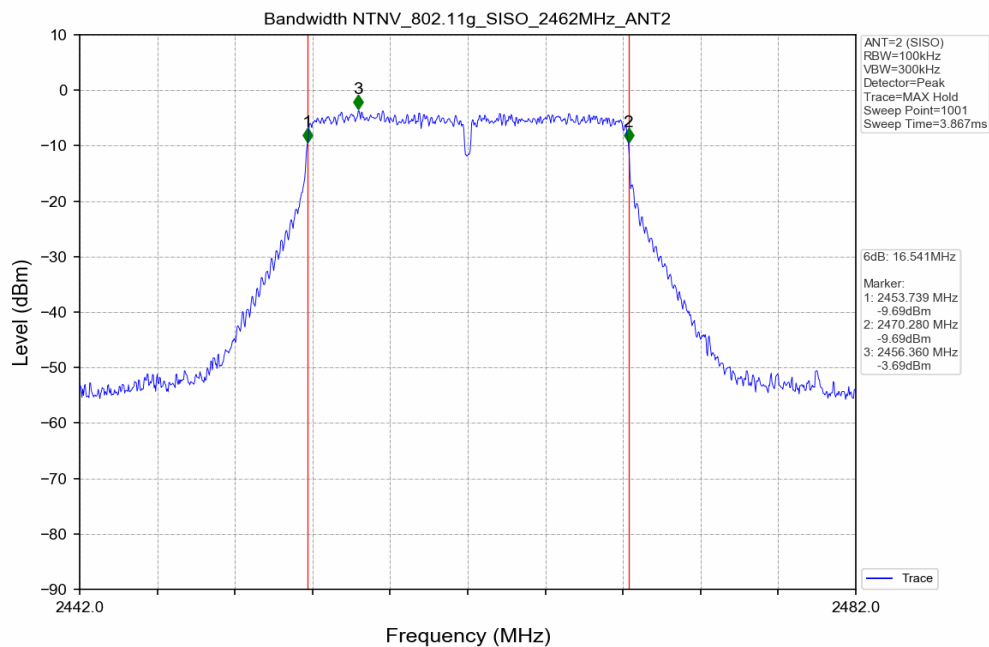


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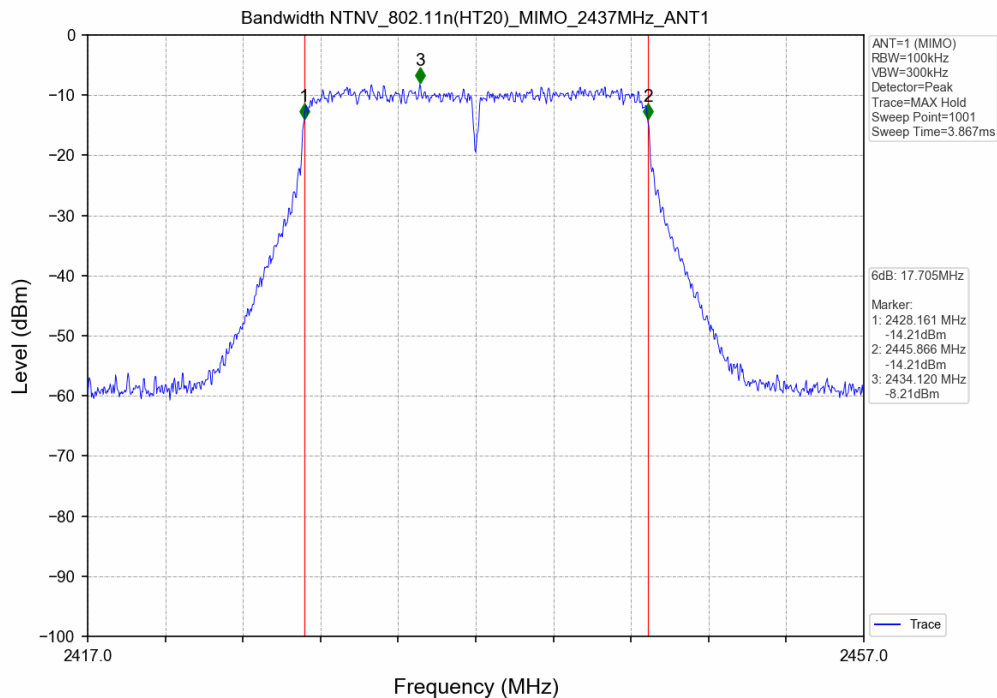
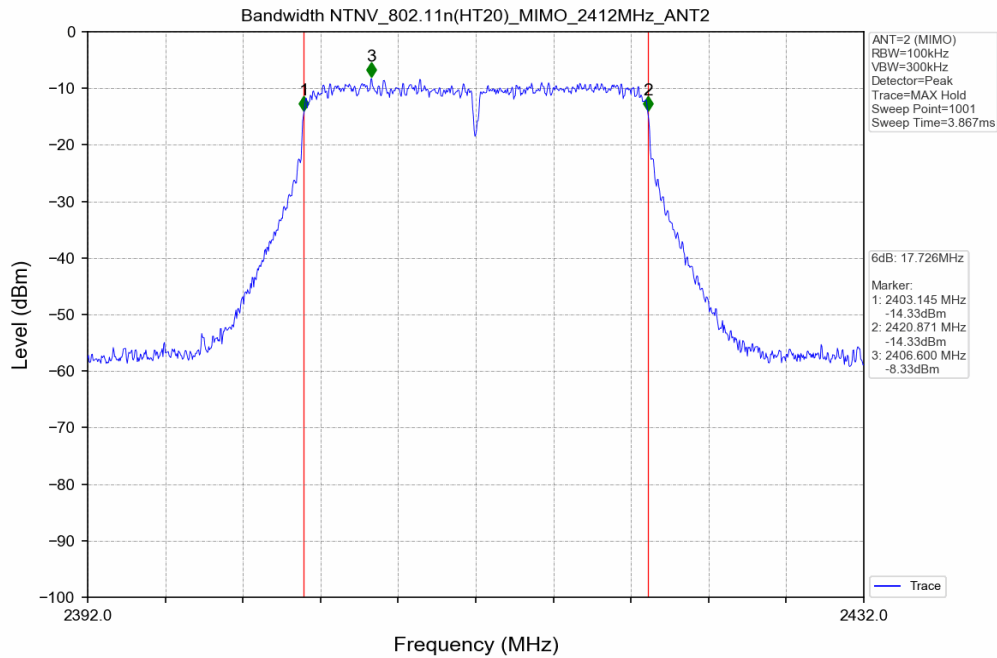
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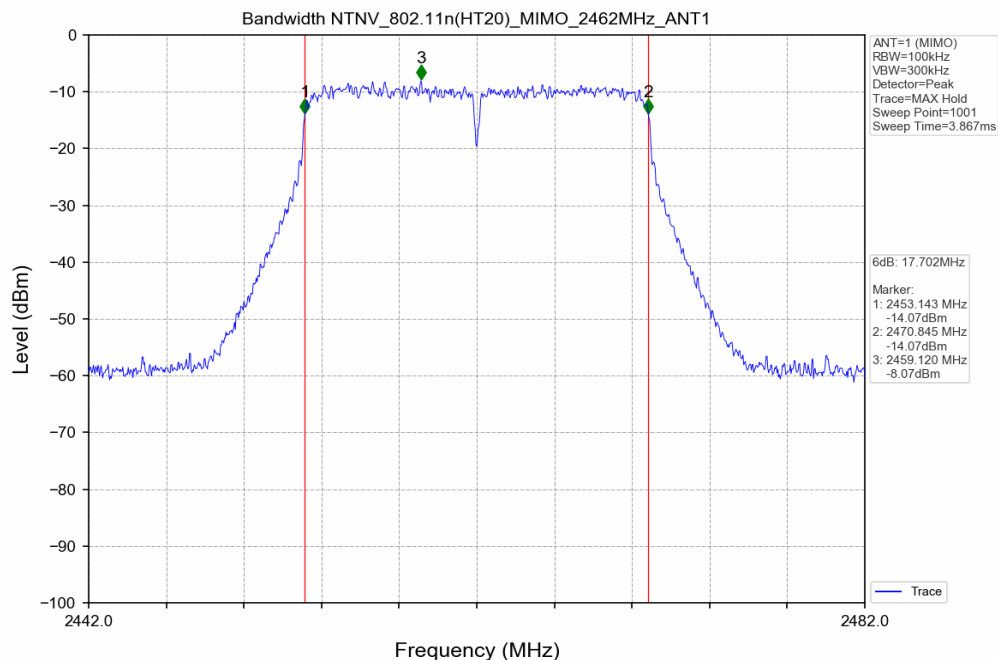
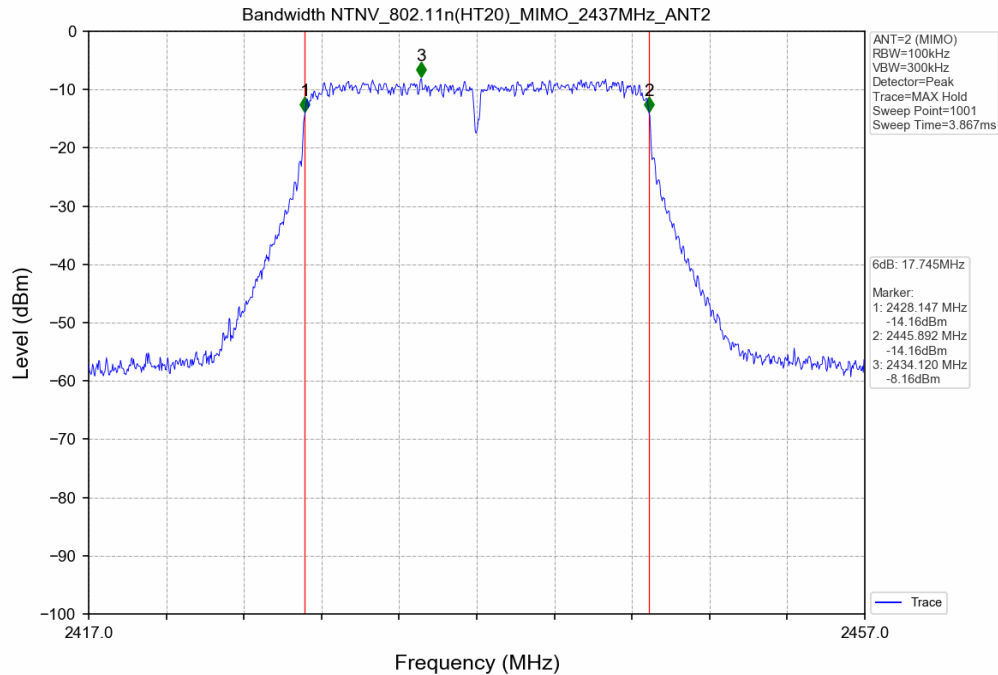
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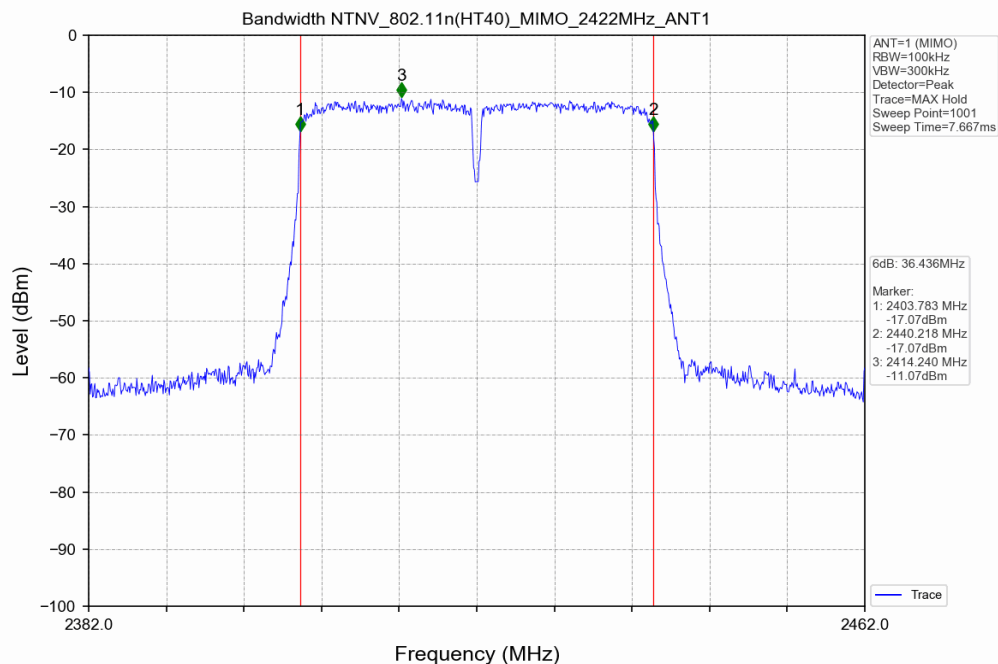
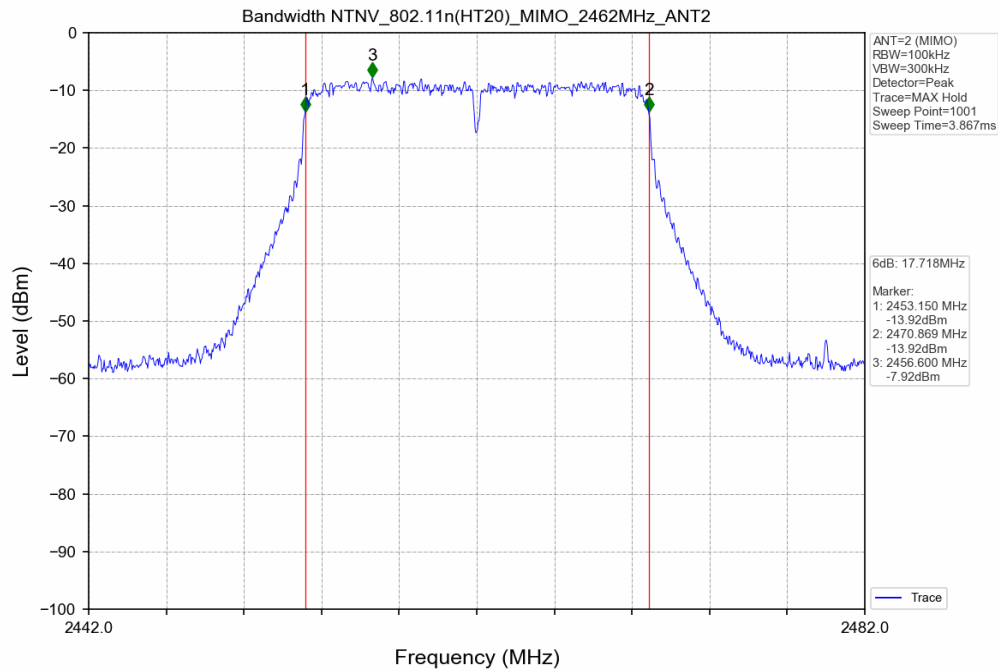
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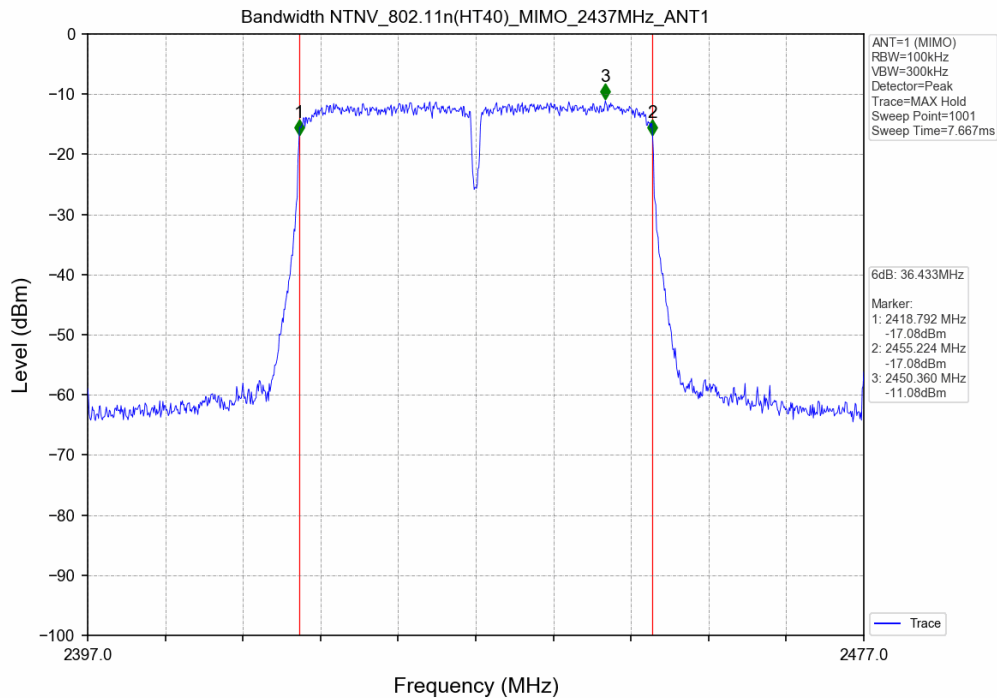
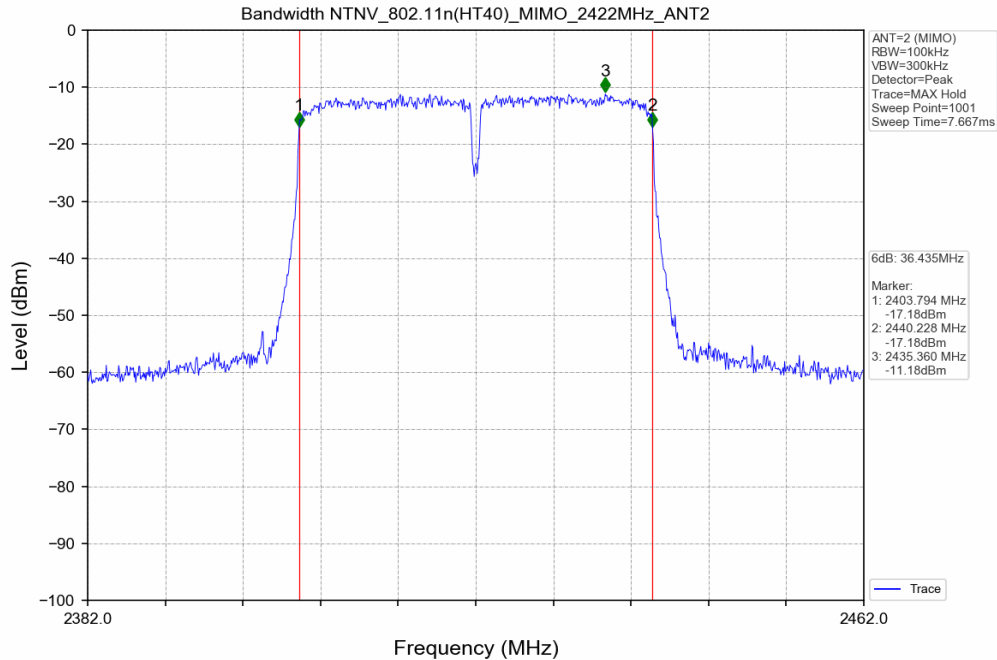


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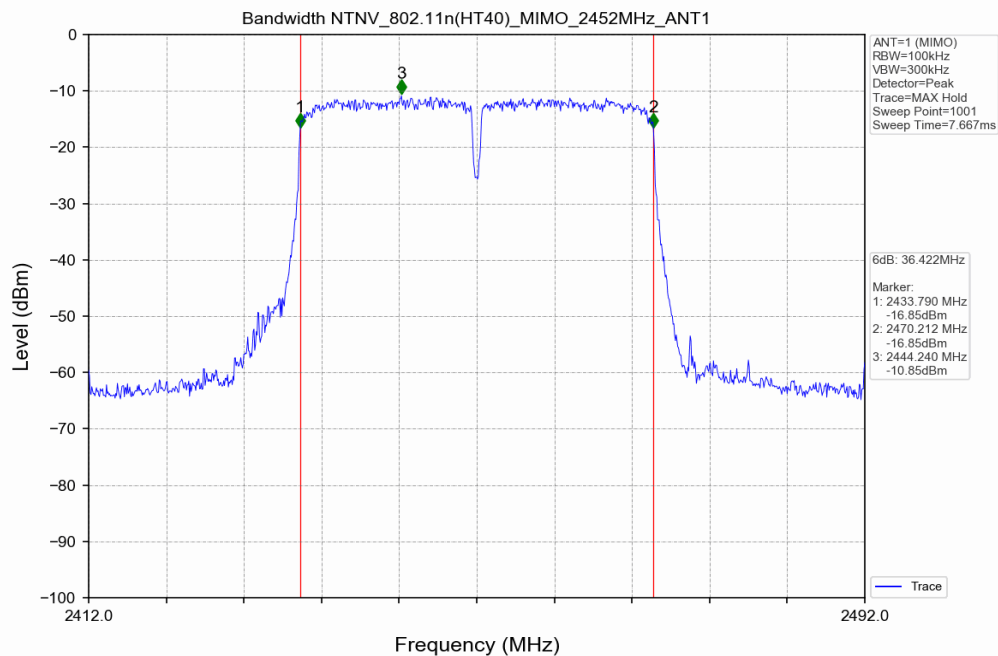
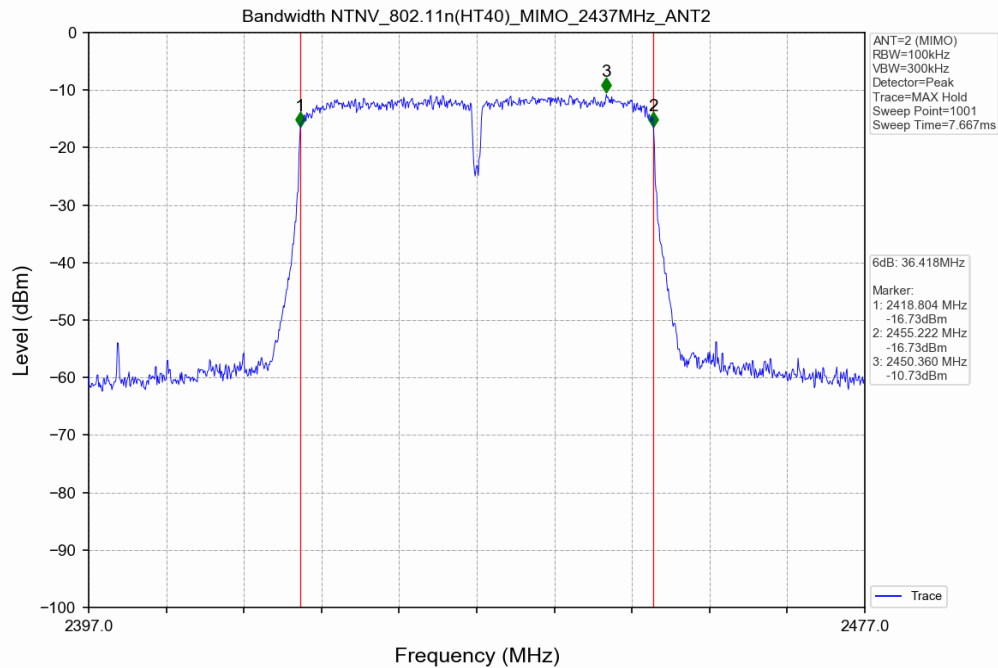


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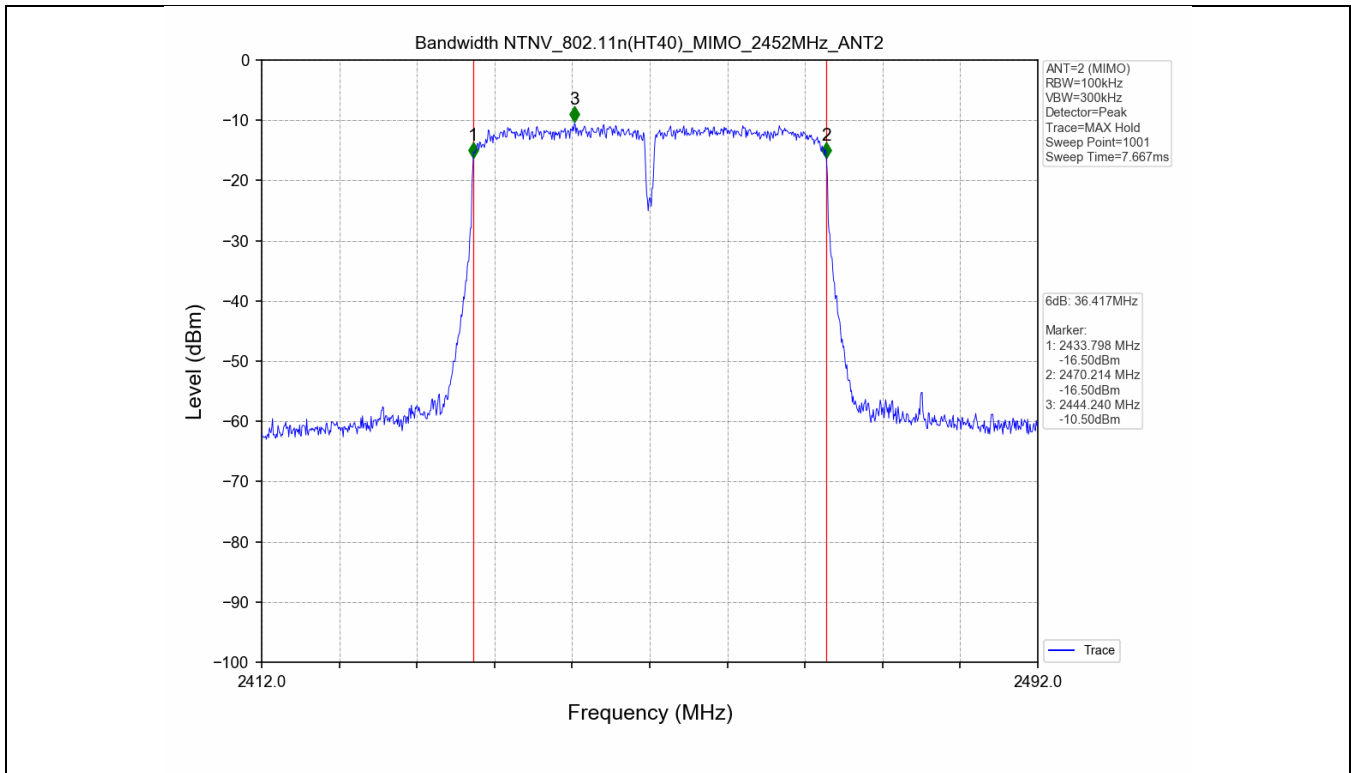
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2.3 Test Graph - 99% Occupied Bandwidth



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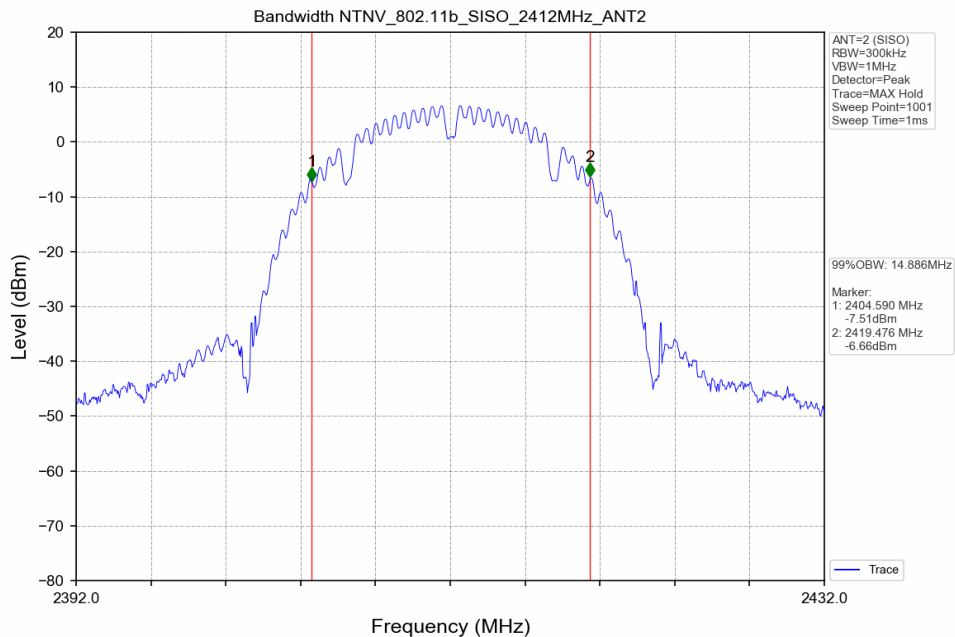
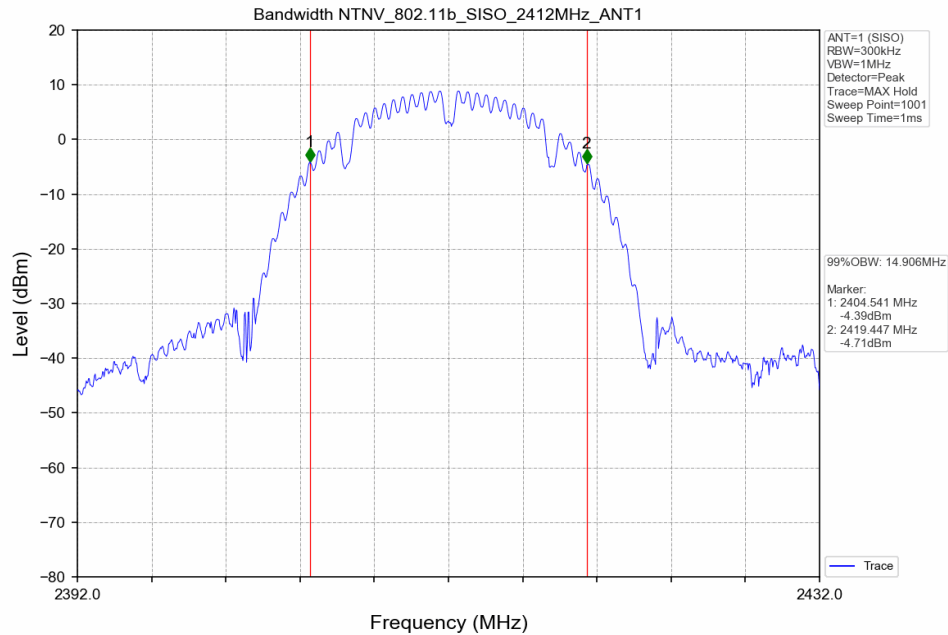
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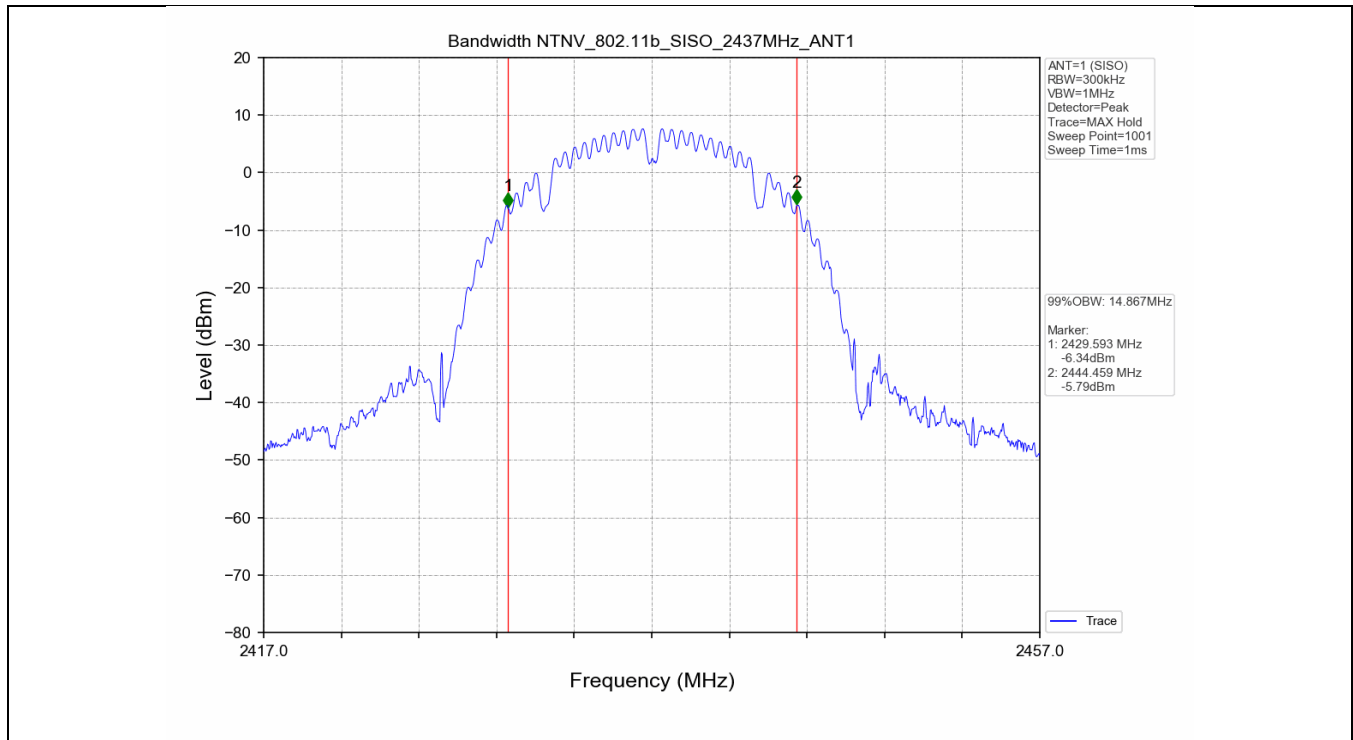
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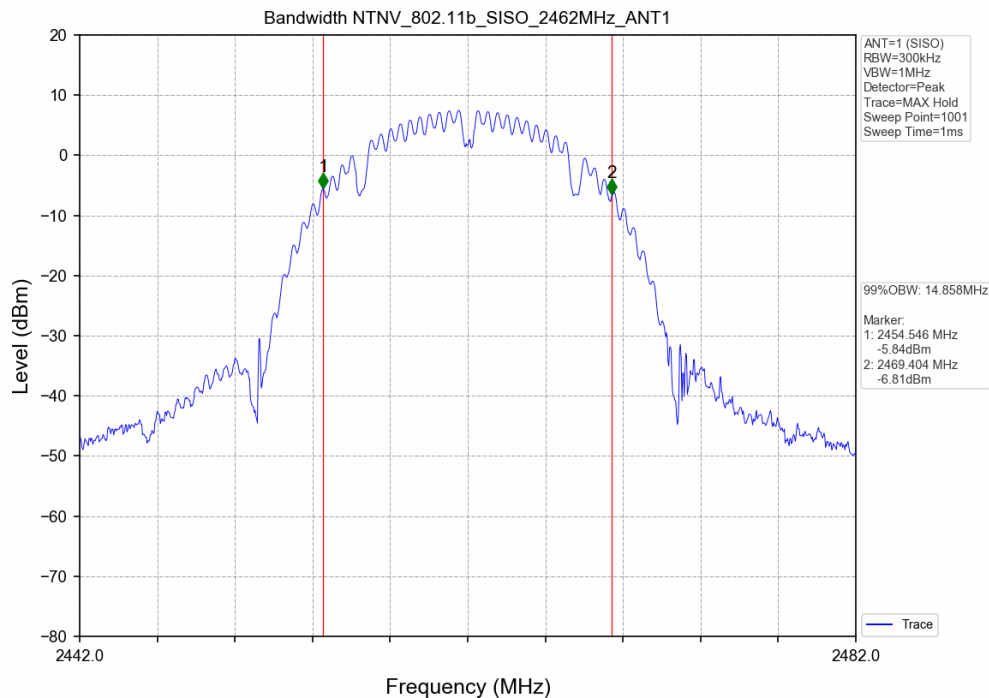
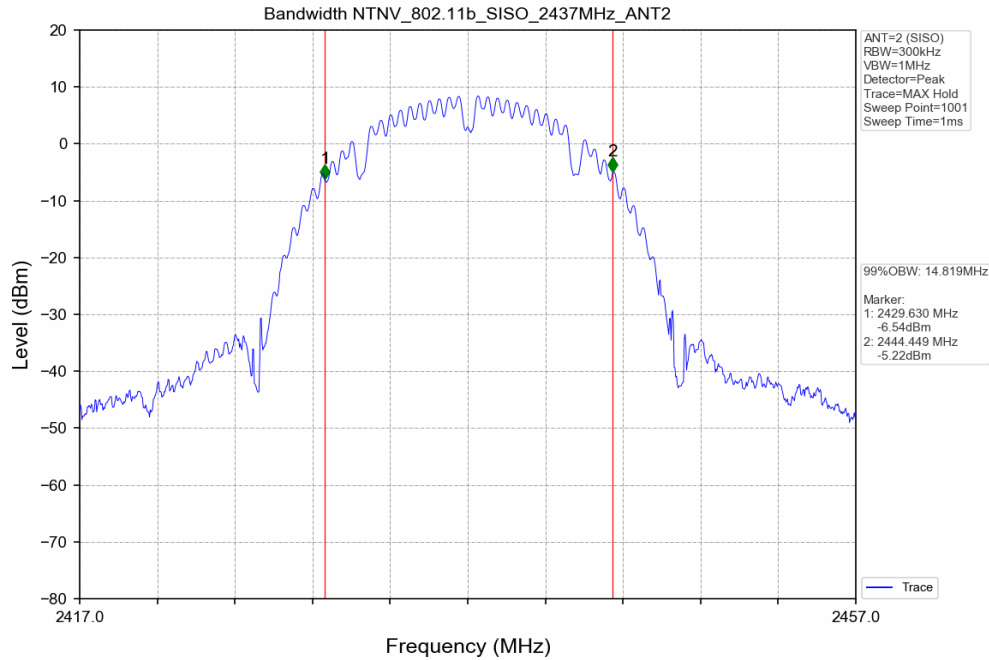
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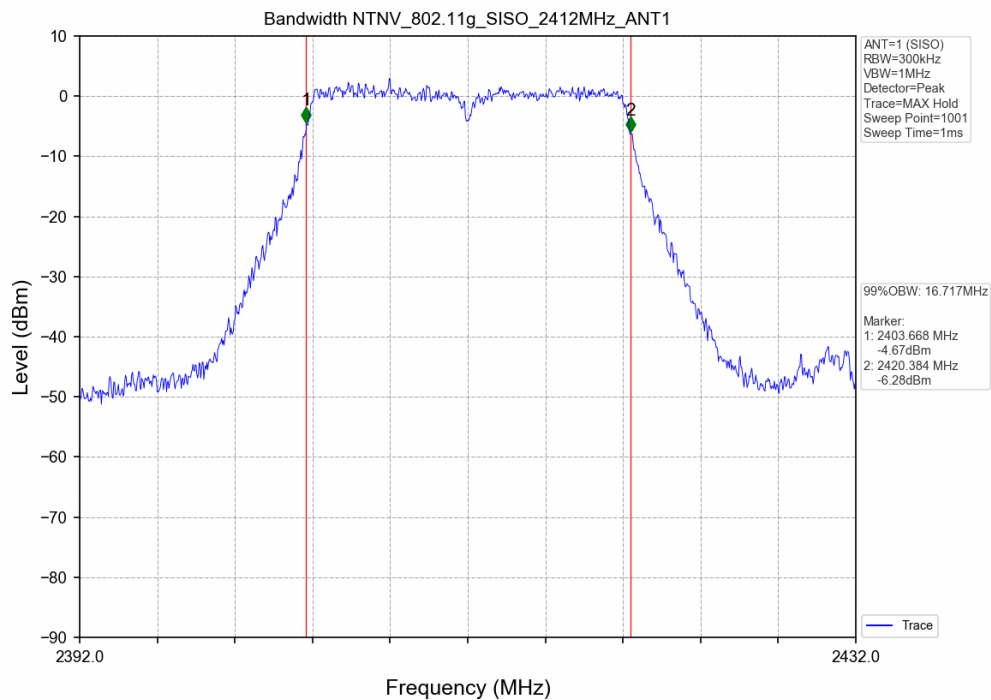
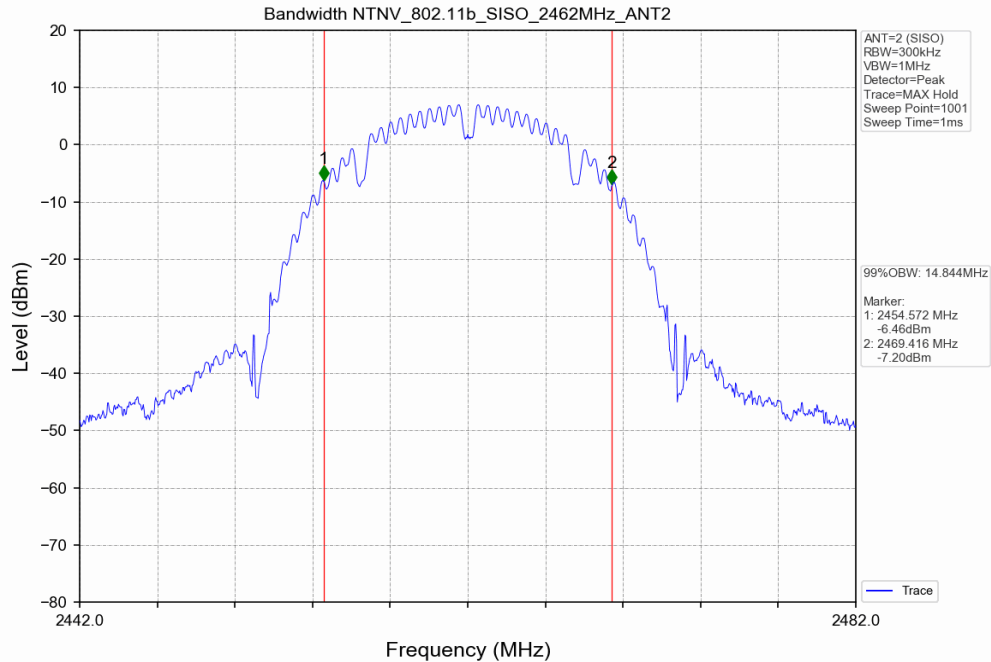


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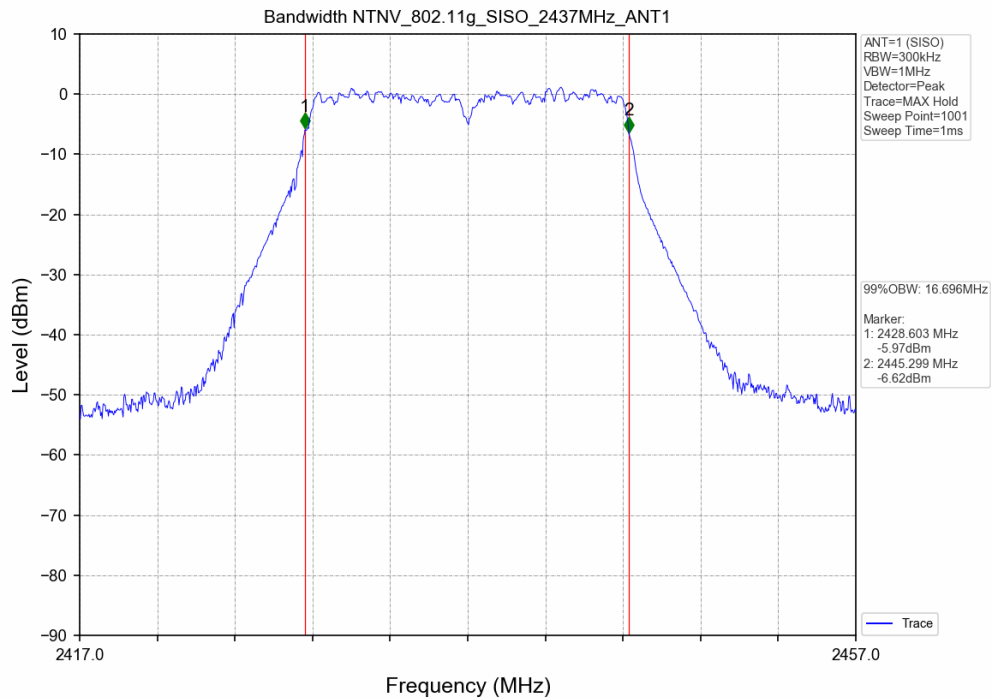
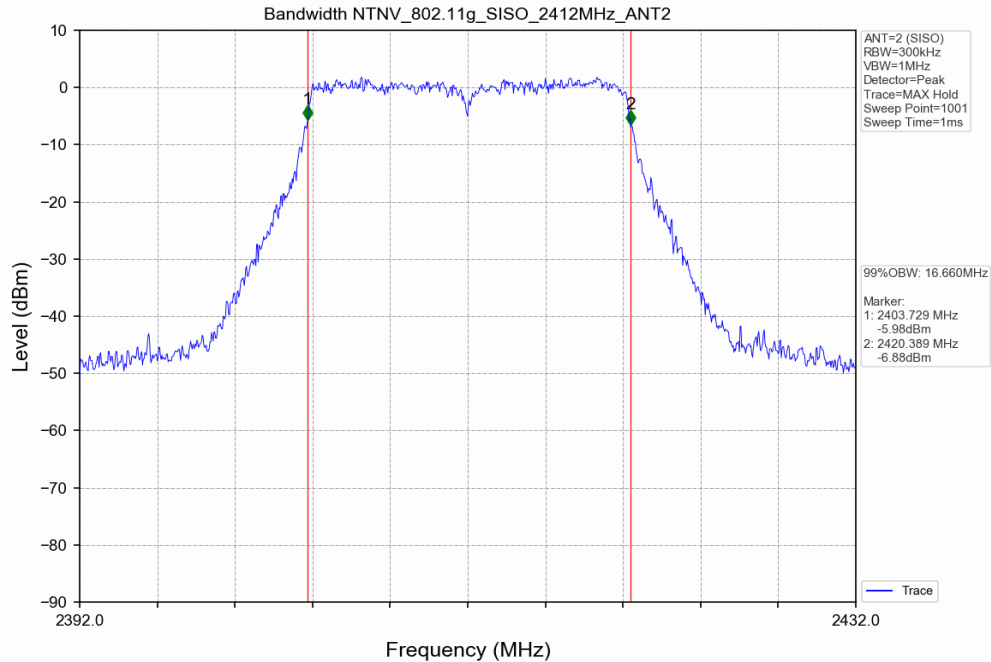


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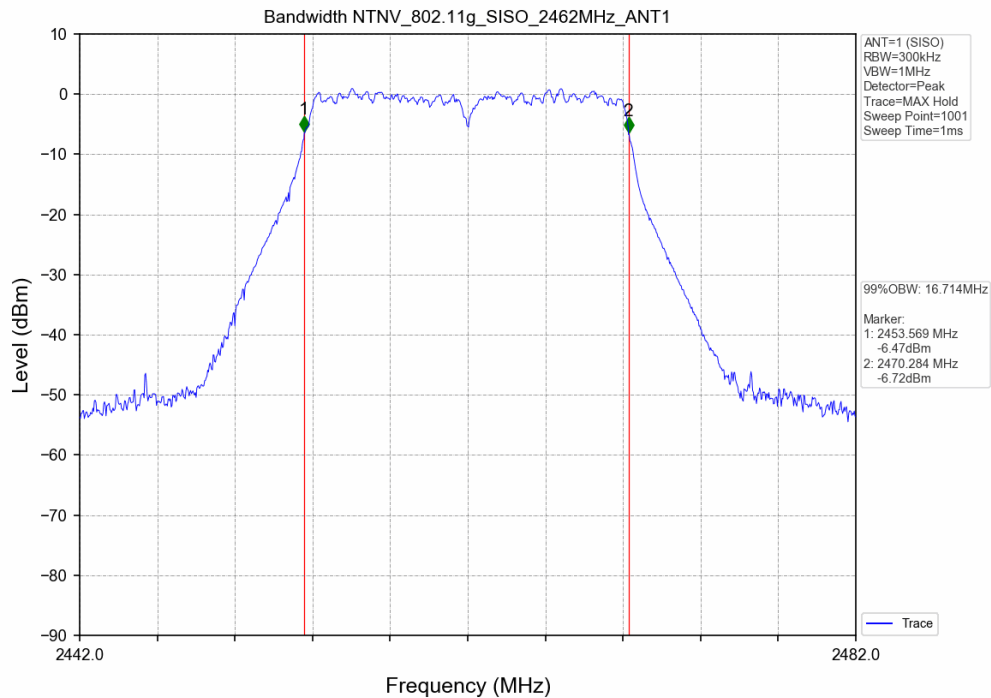
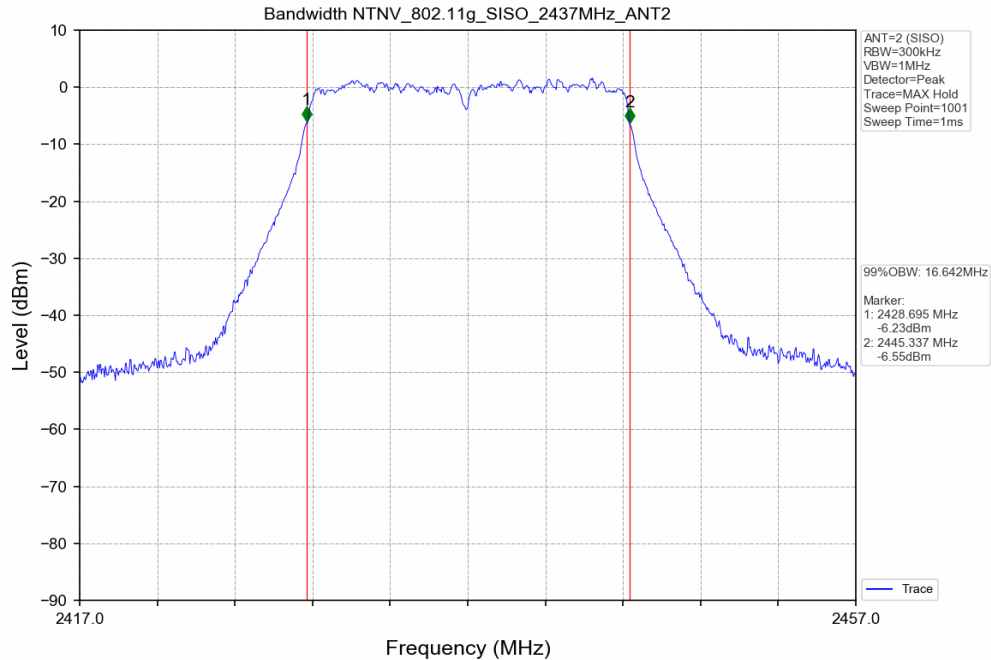


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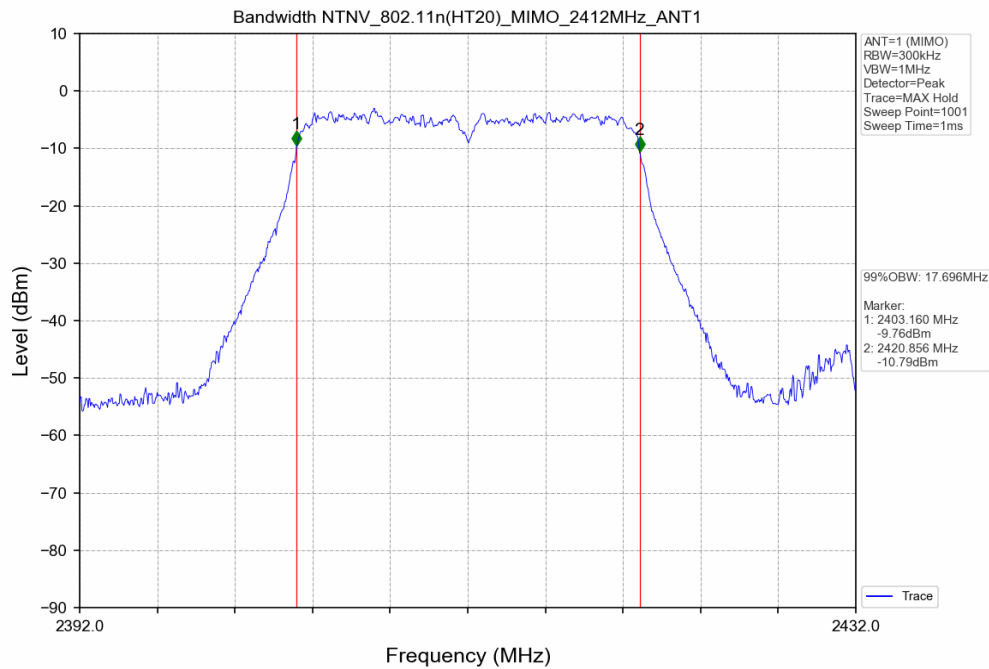
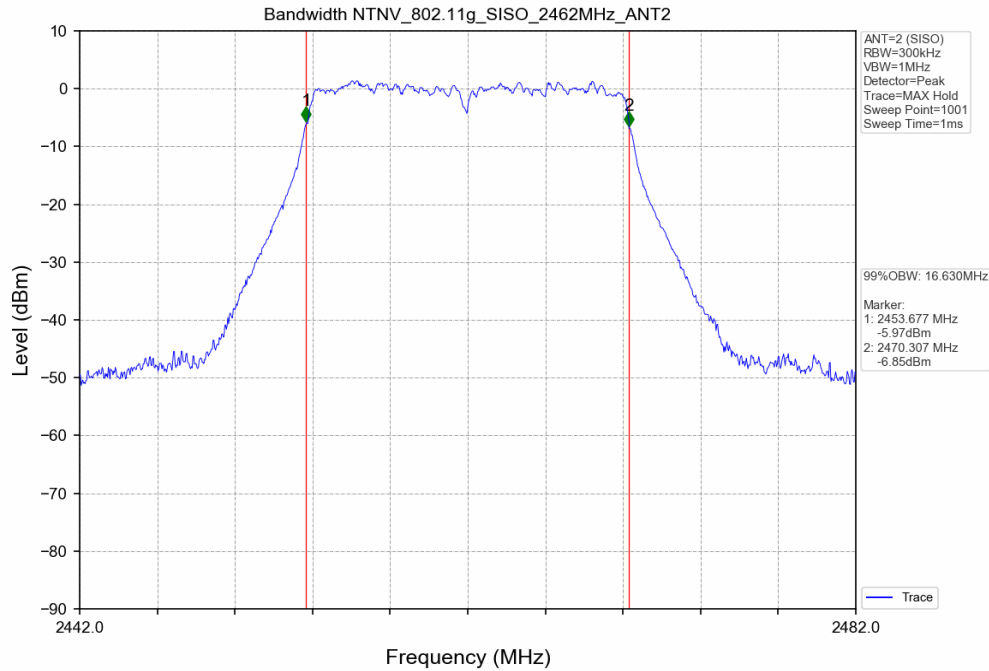


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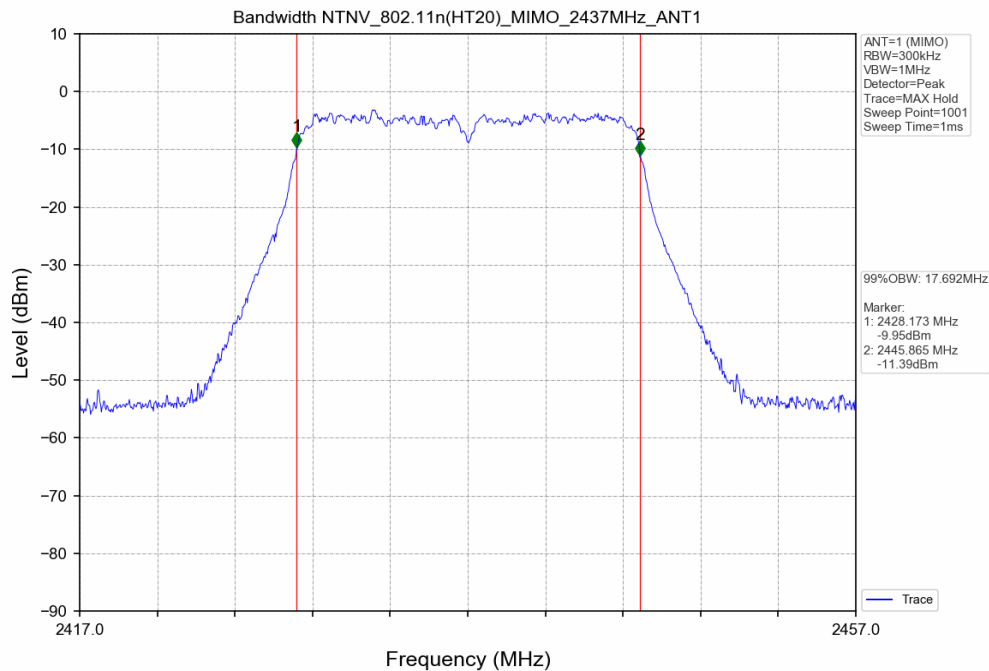
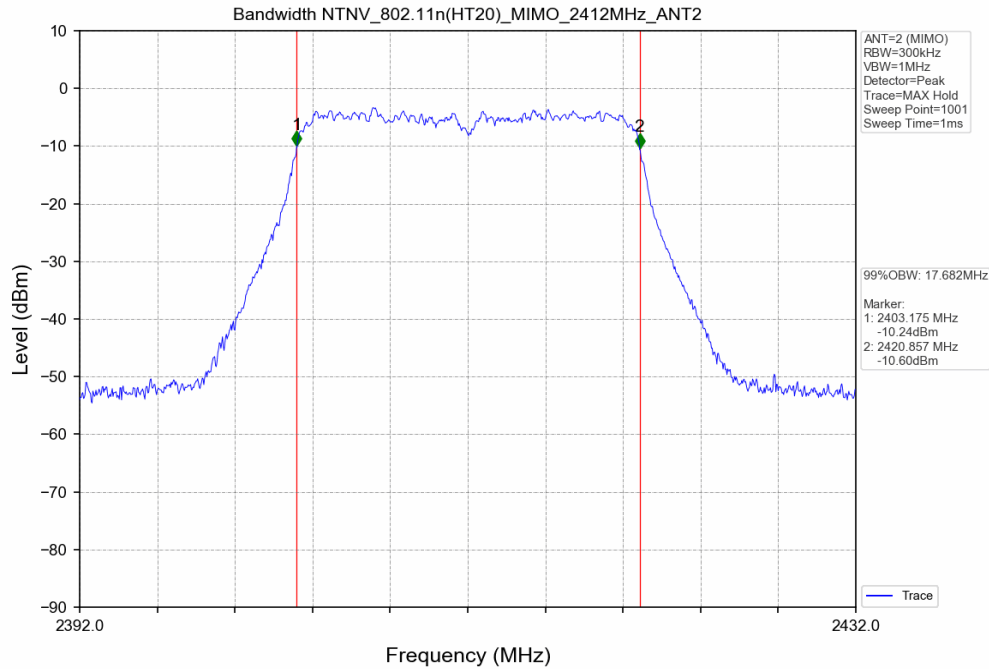
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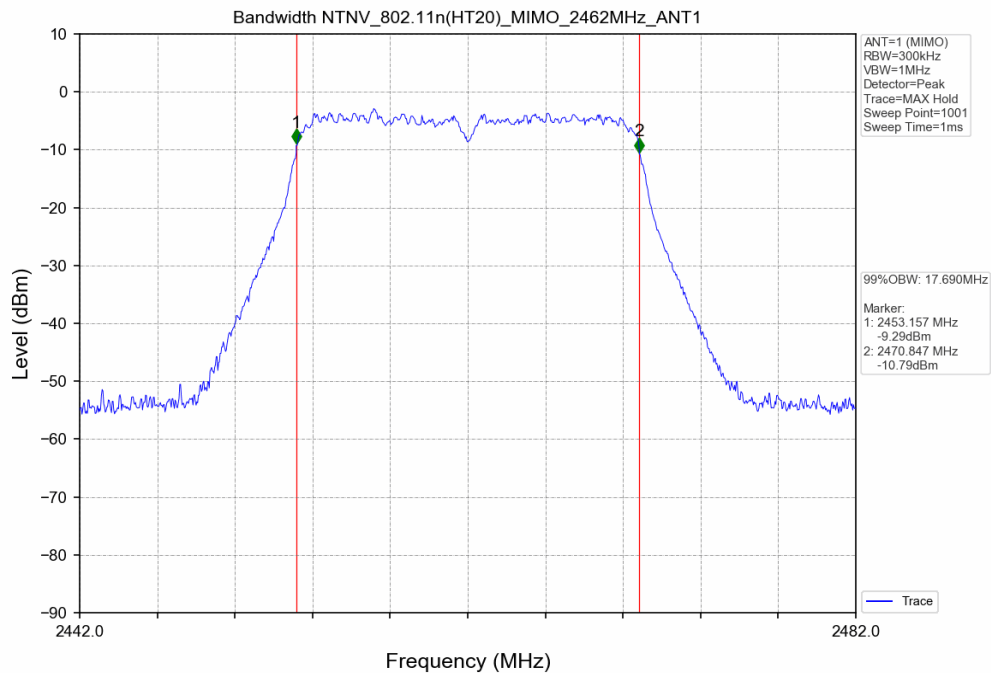
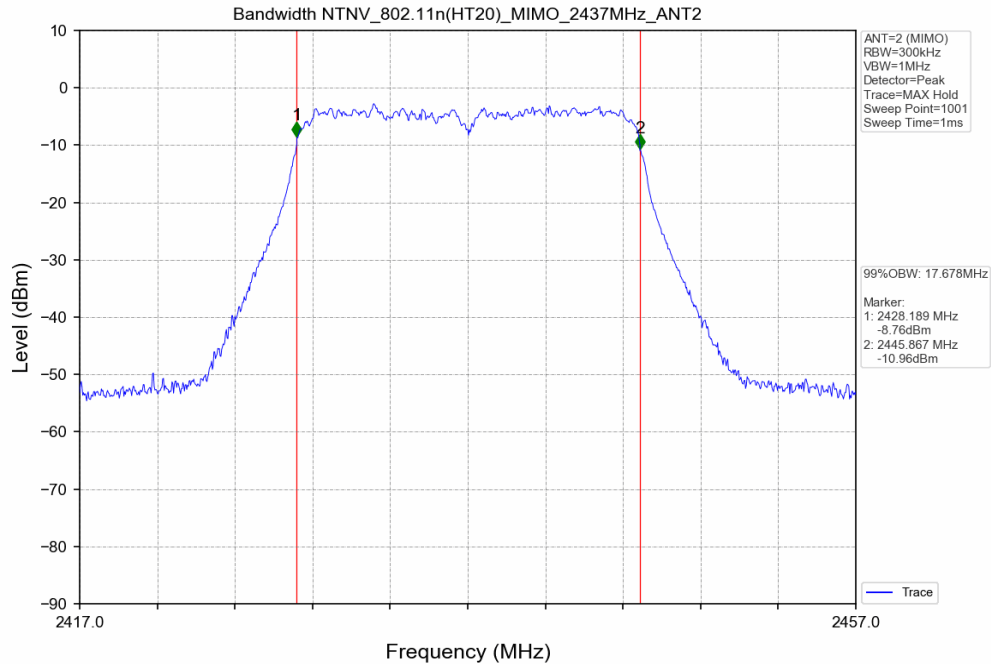


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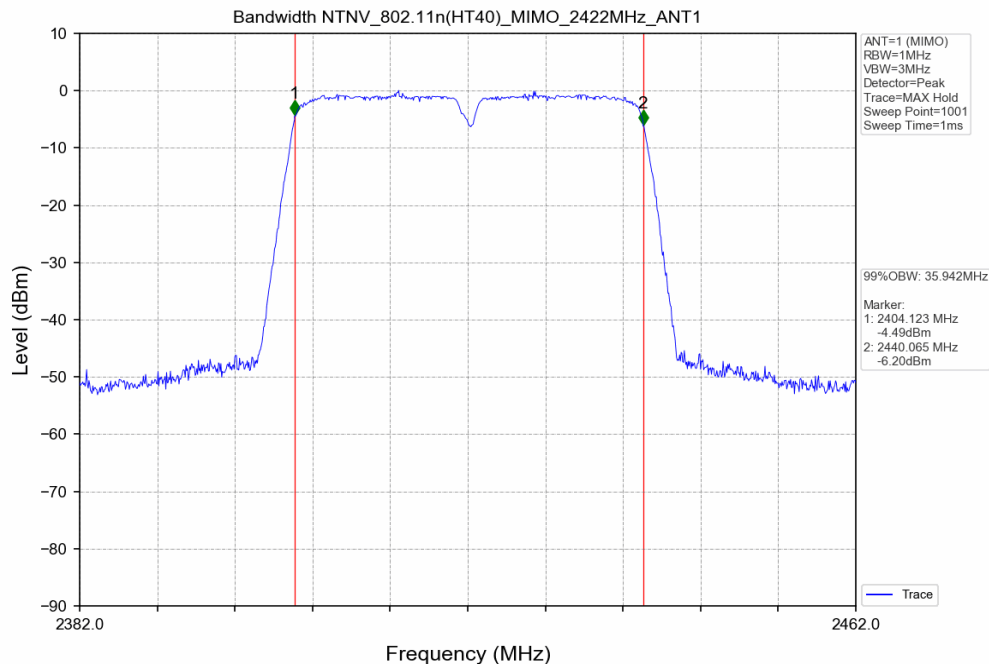
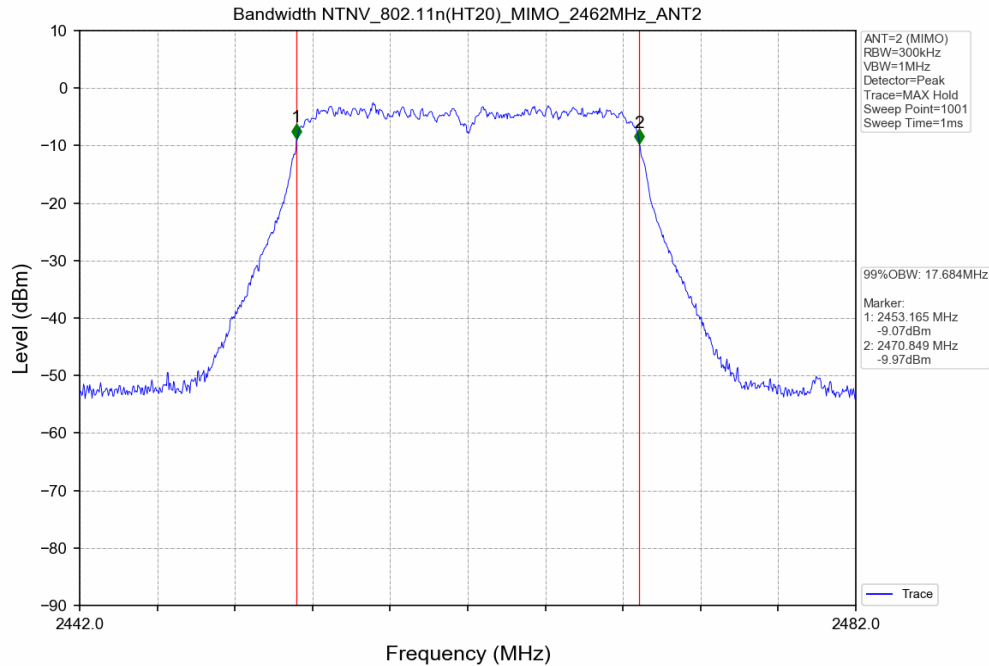
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