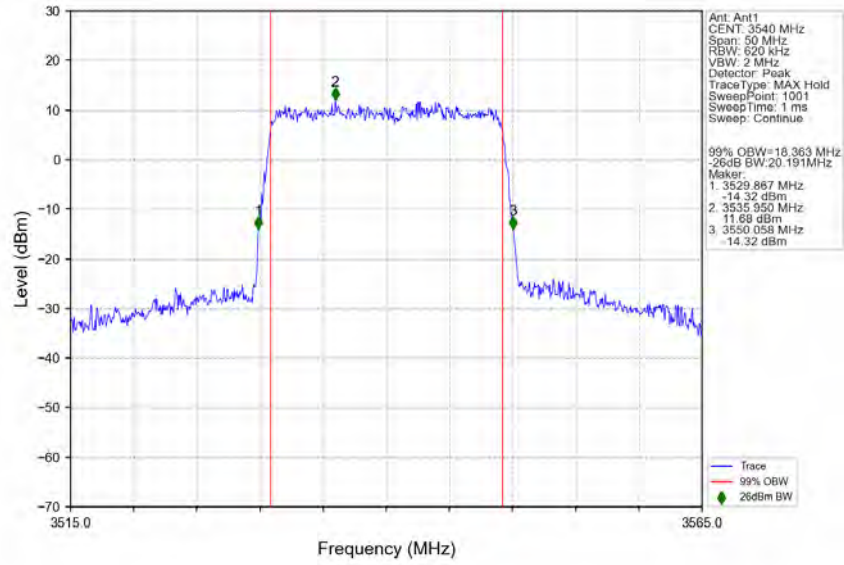
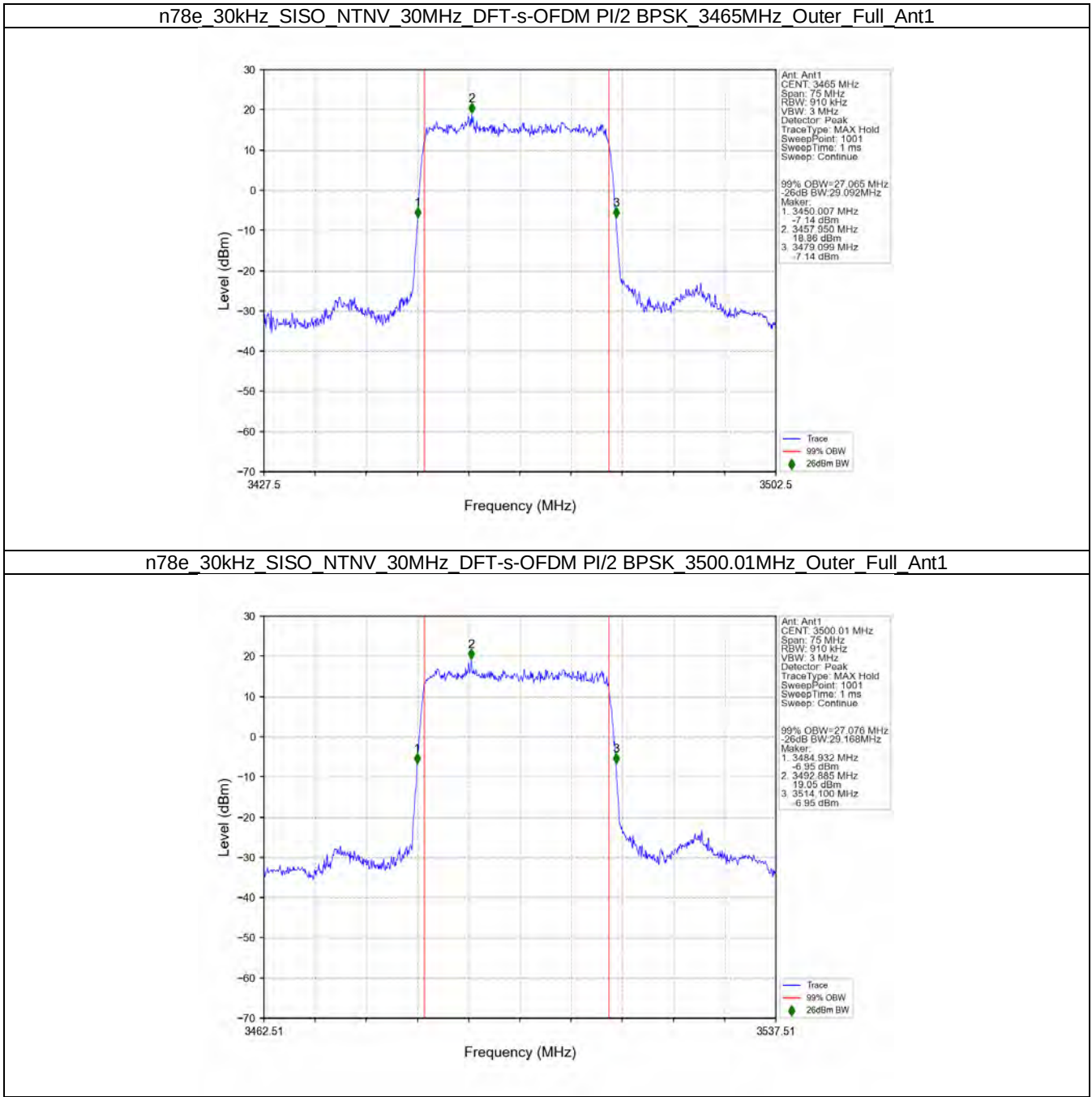


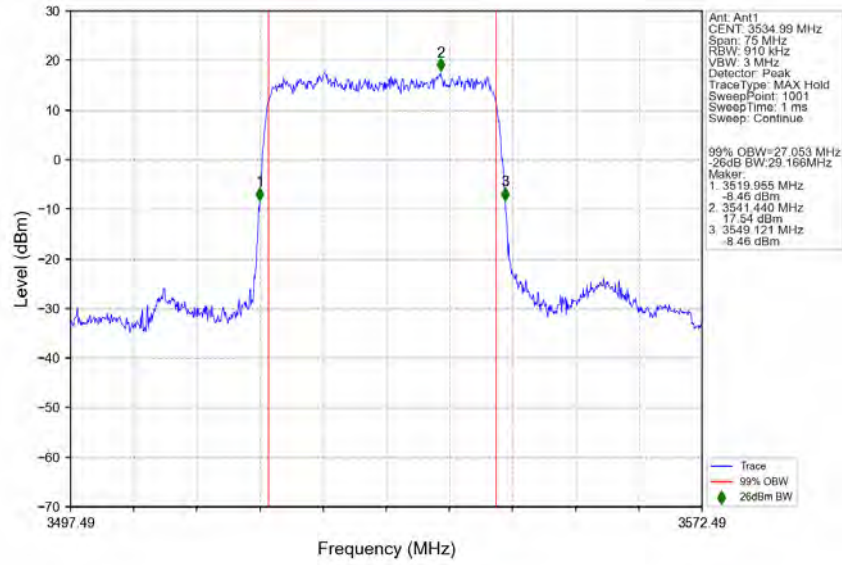
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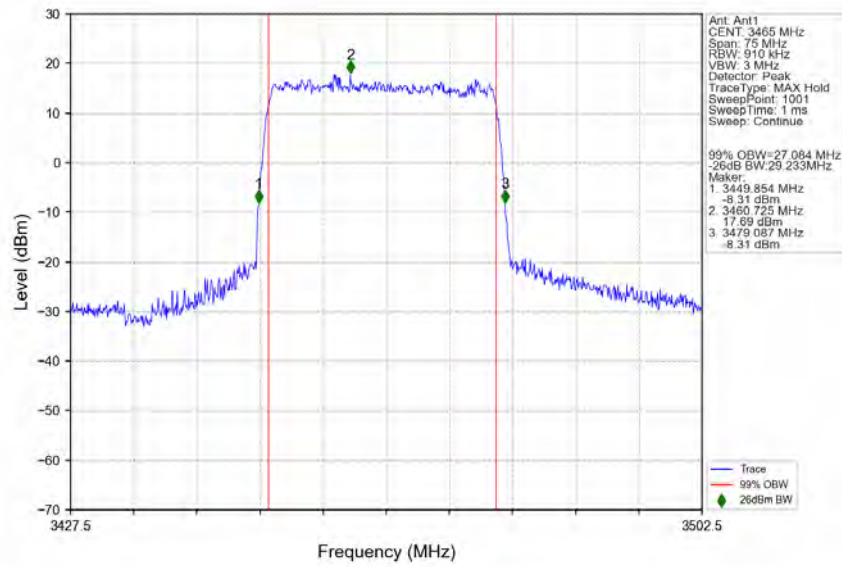
3.2.2 30k_SISO_30MHz_NTNV



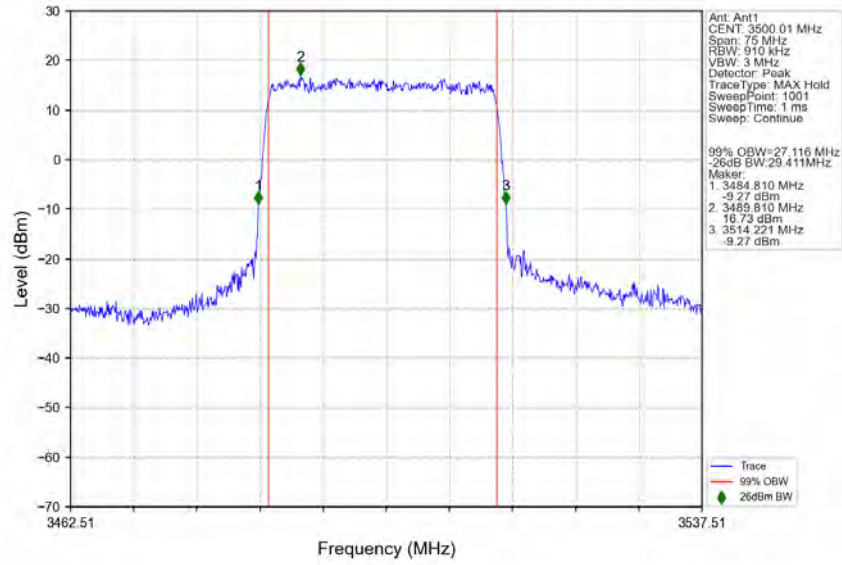
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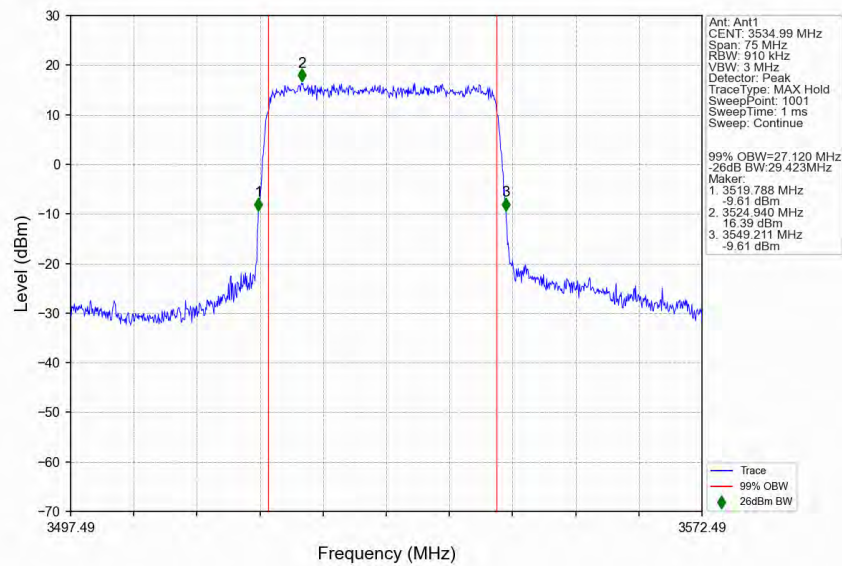
n78e 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3465MHz Outer Full Ant1



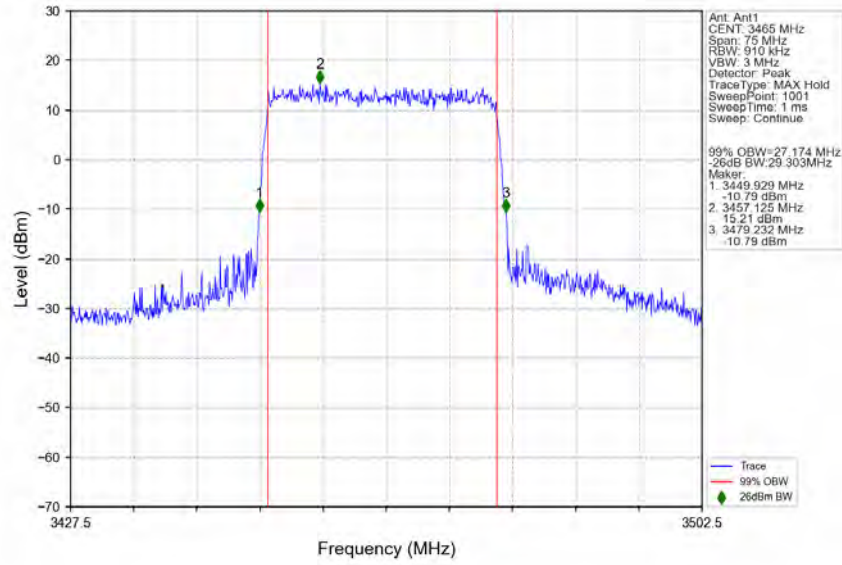
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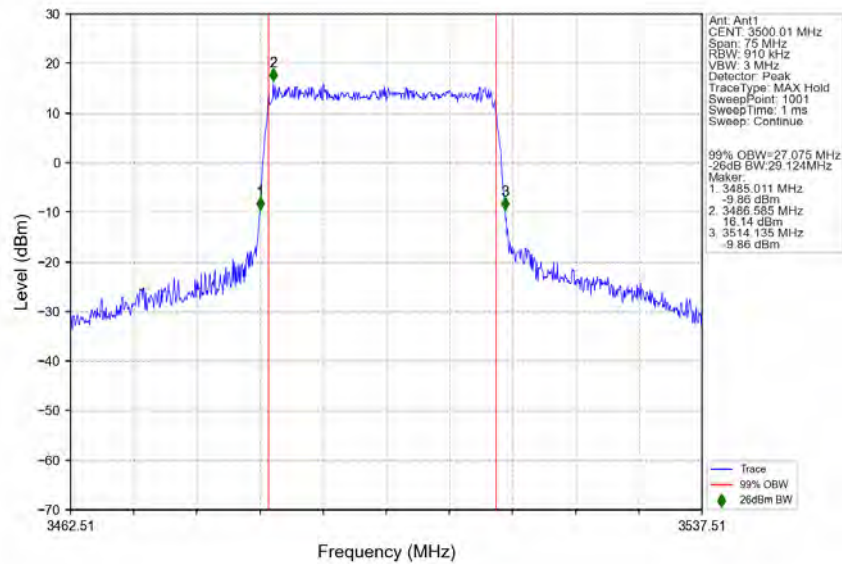
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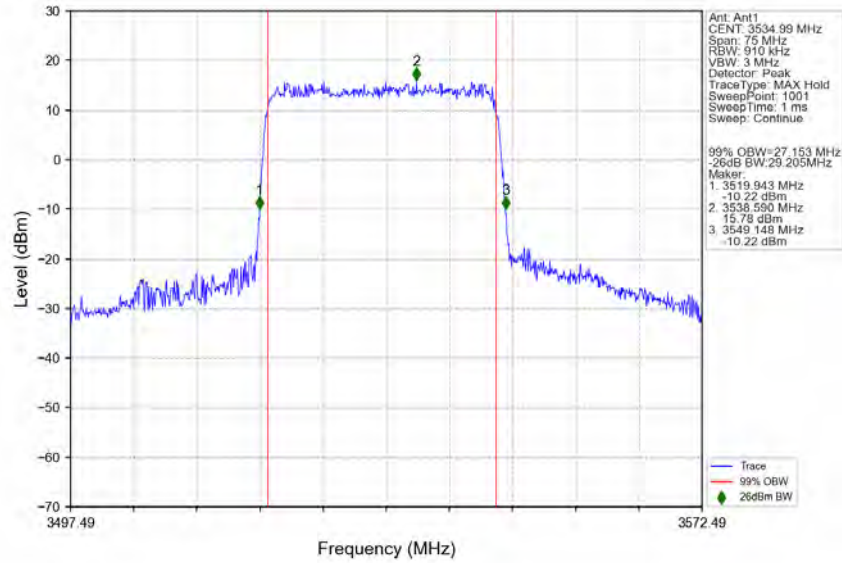
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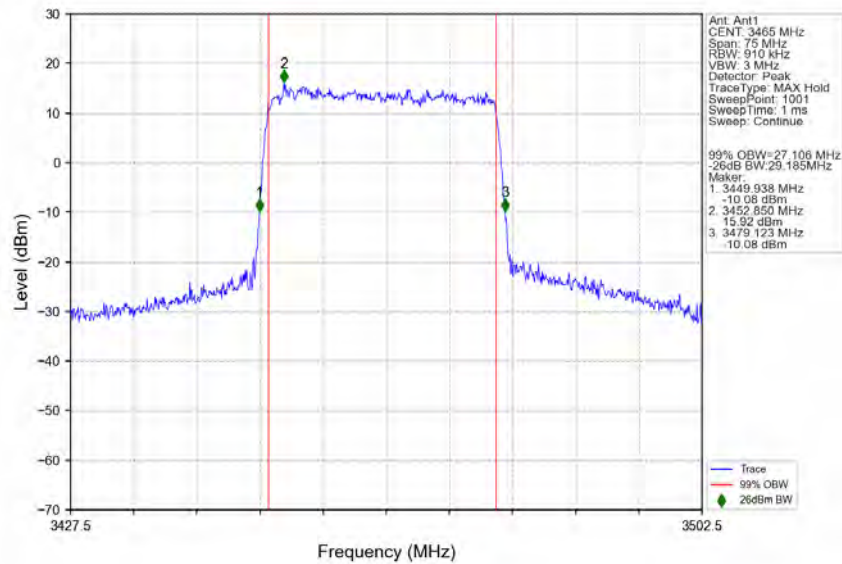
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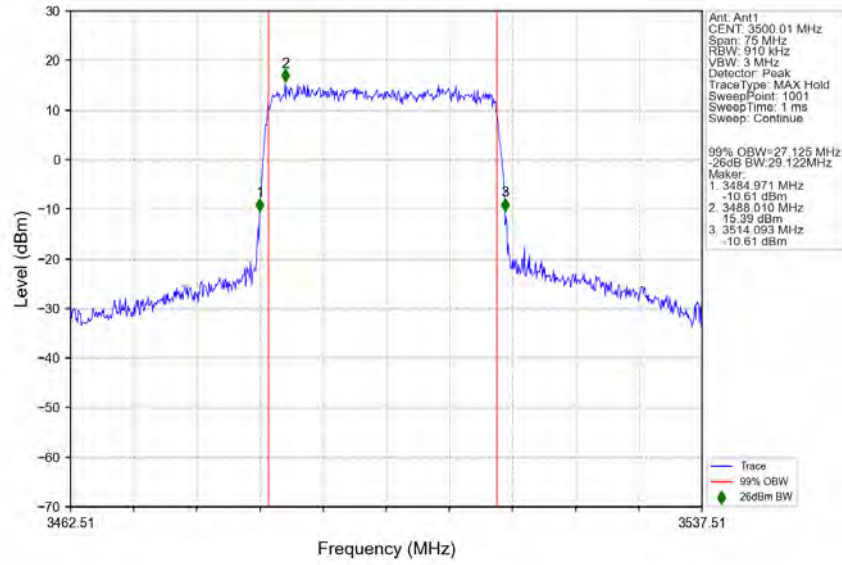
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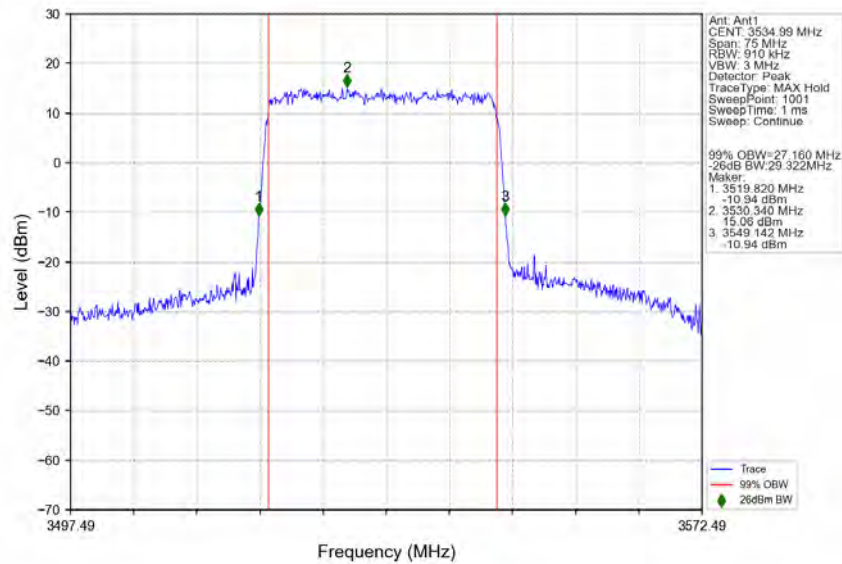
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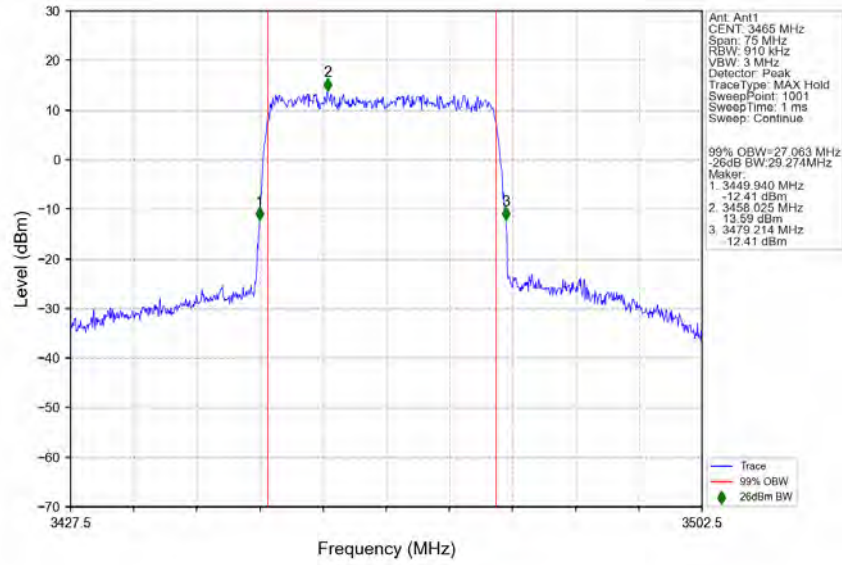
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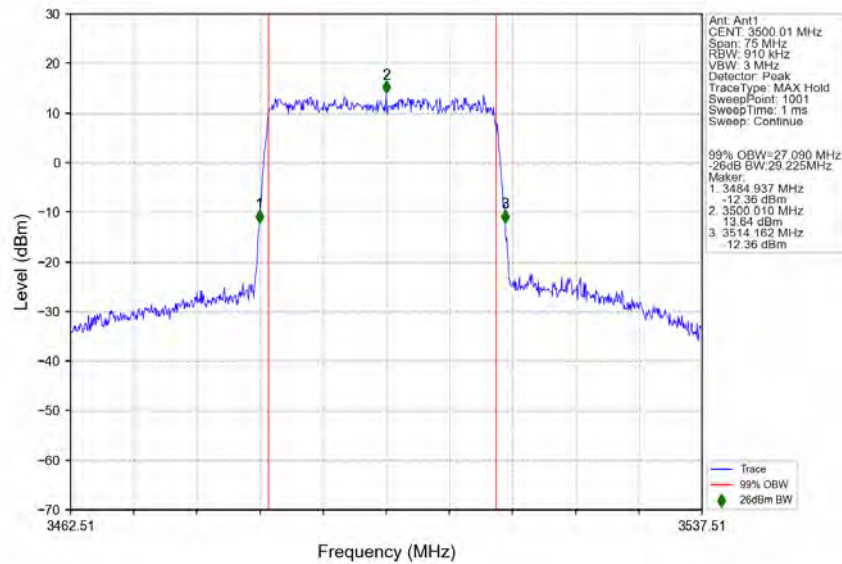
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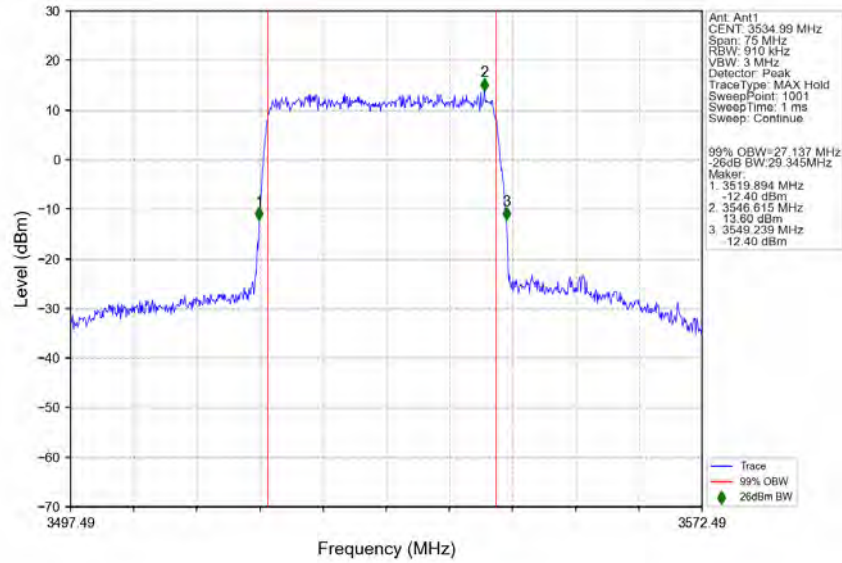
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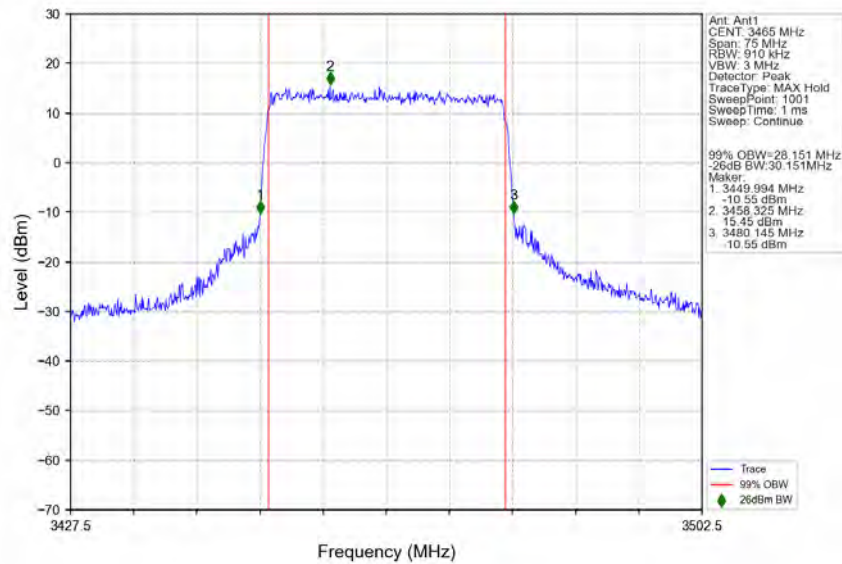
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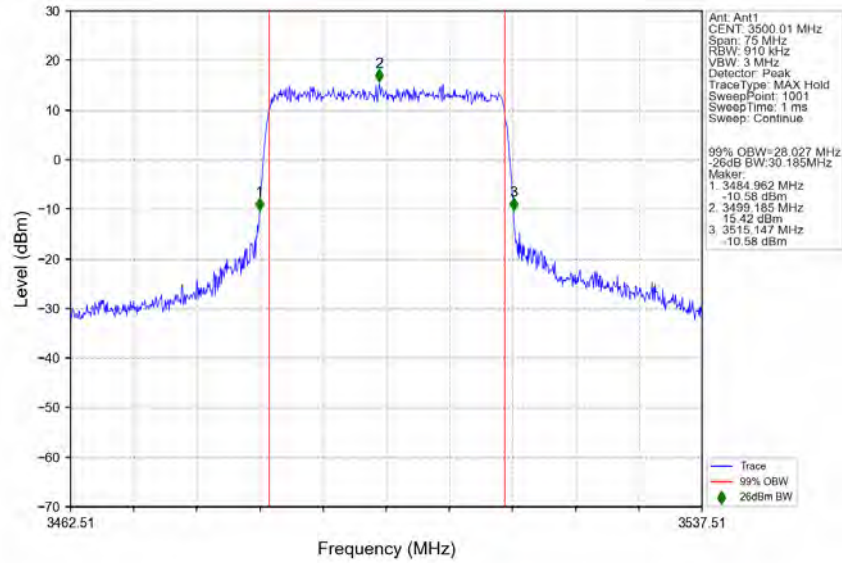
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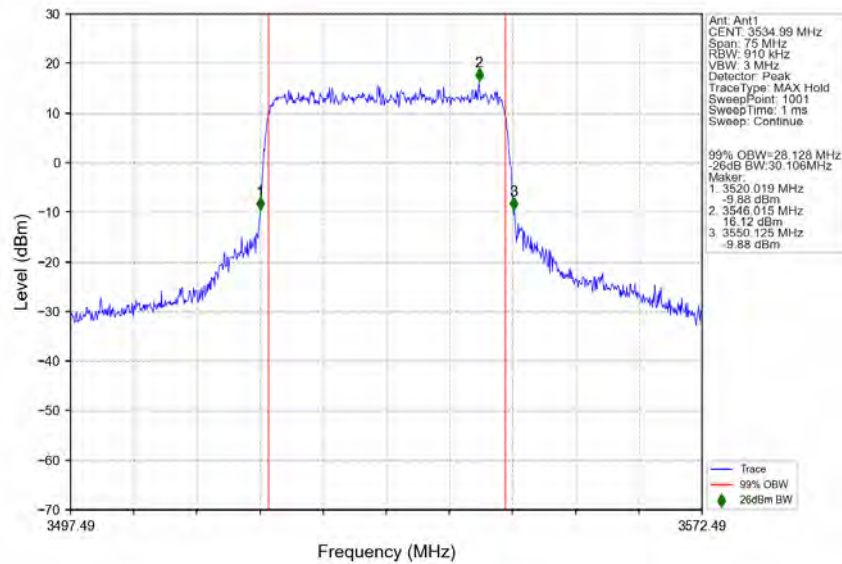
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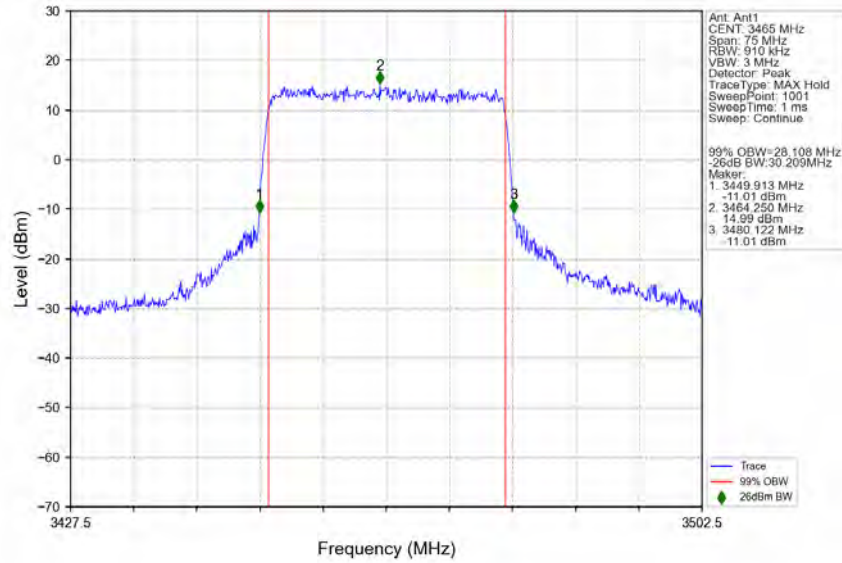
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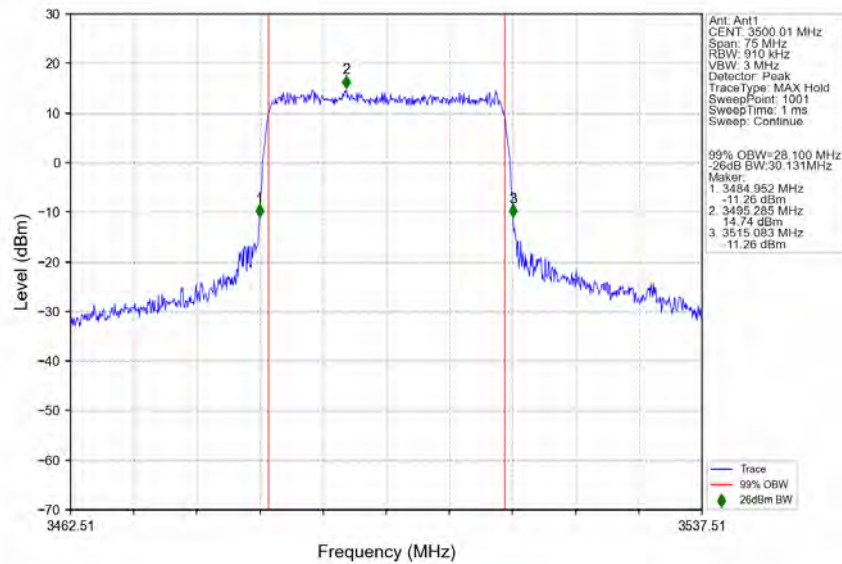
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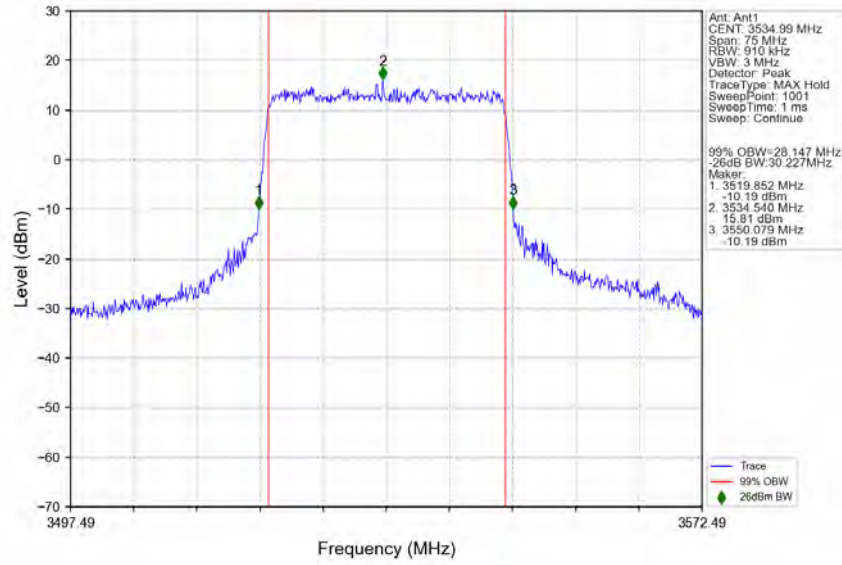
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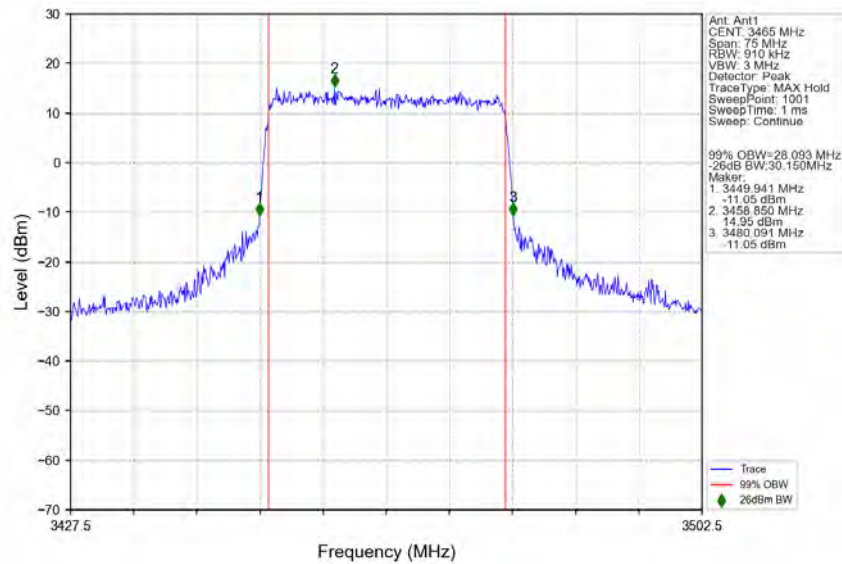
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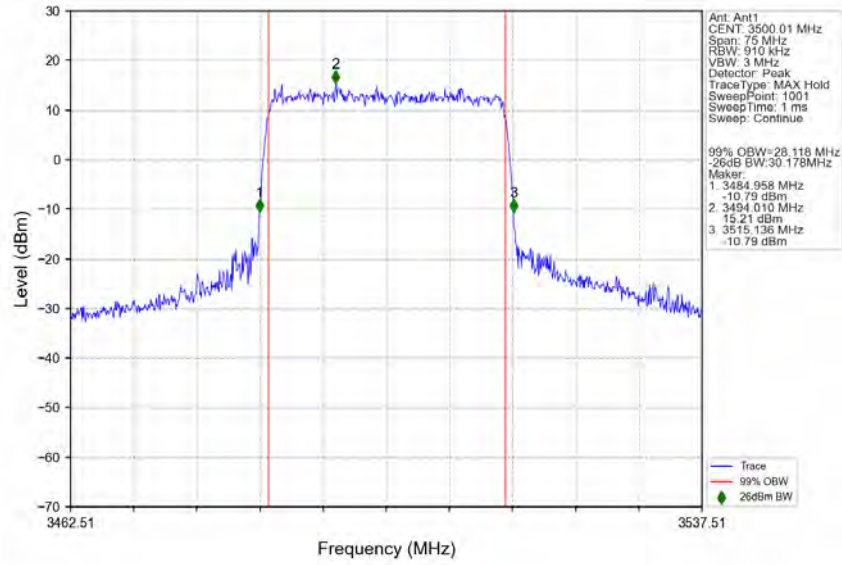
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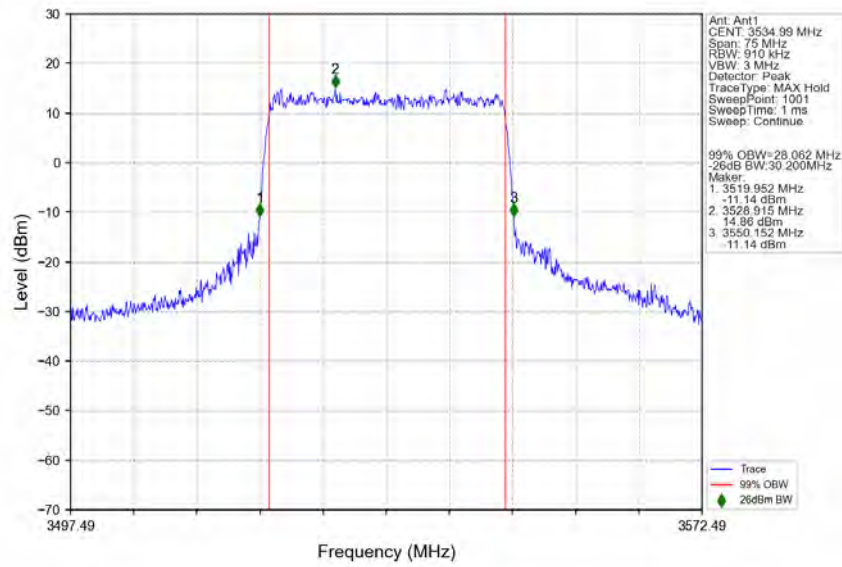
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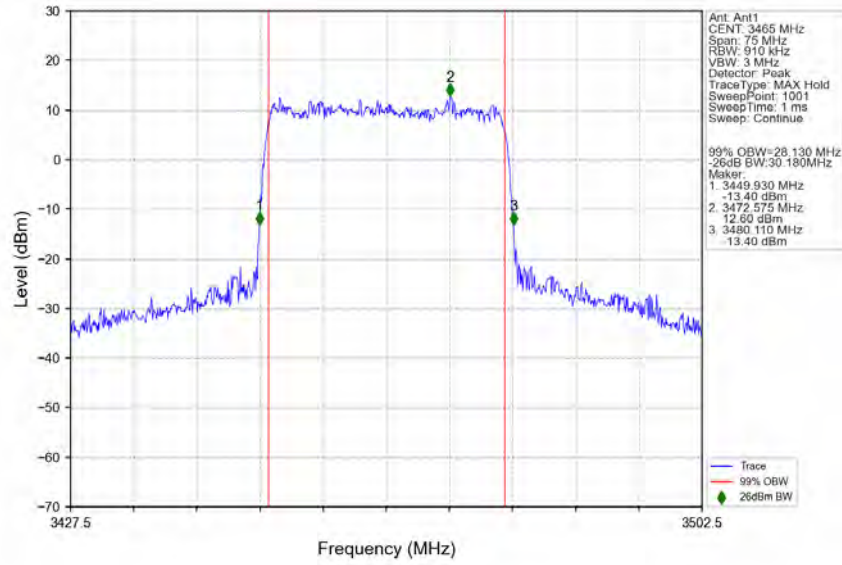
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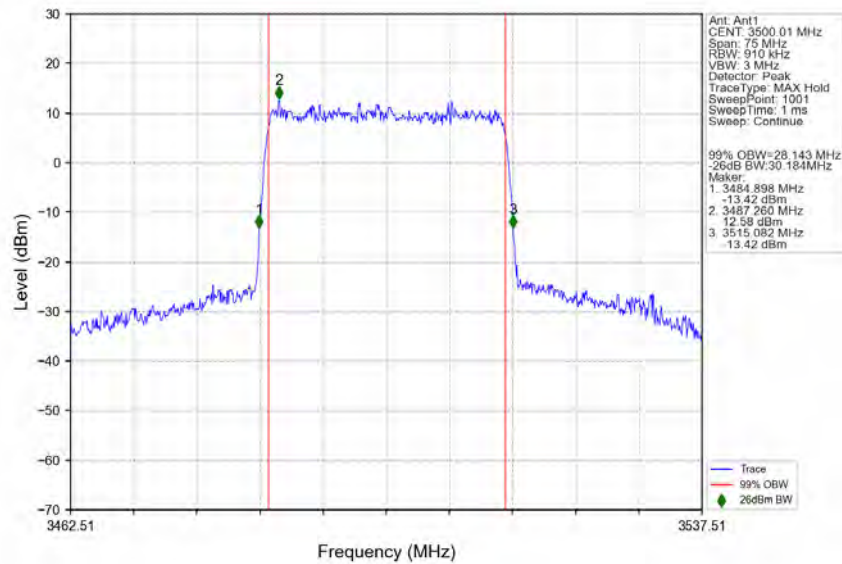
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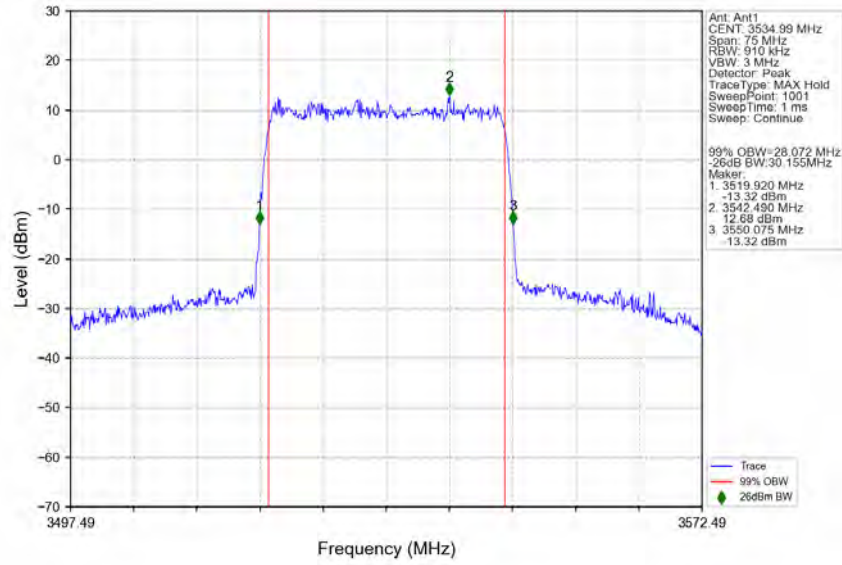
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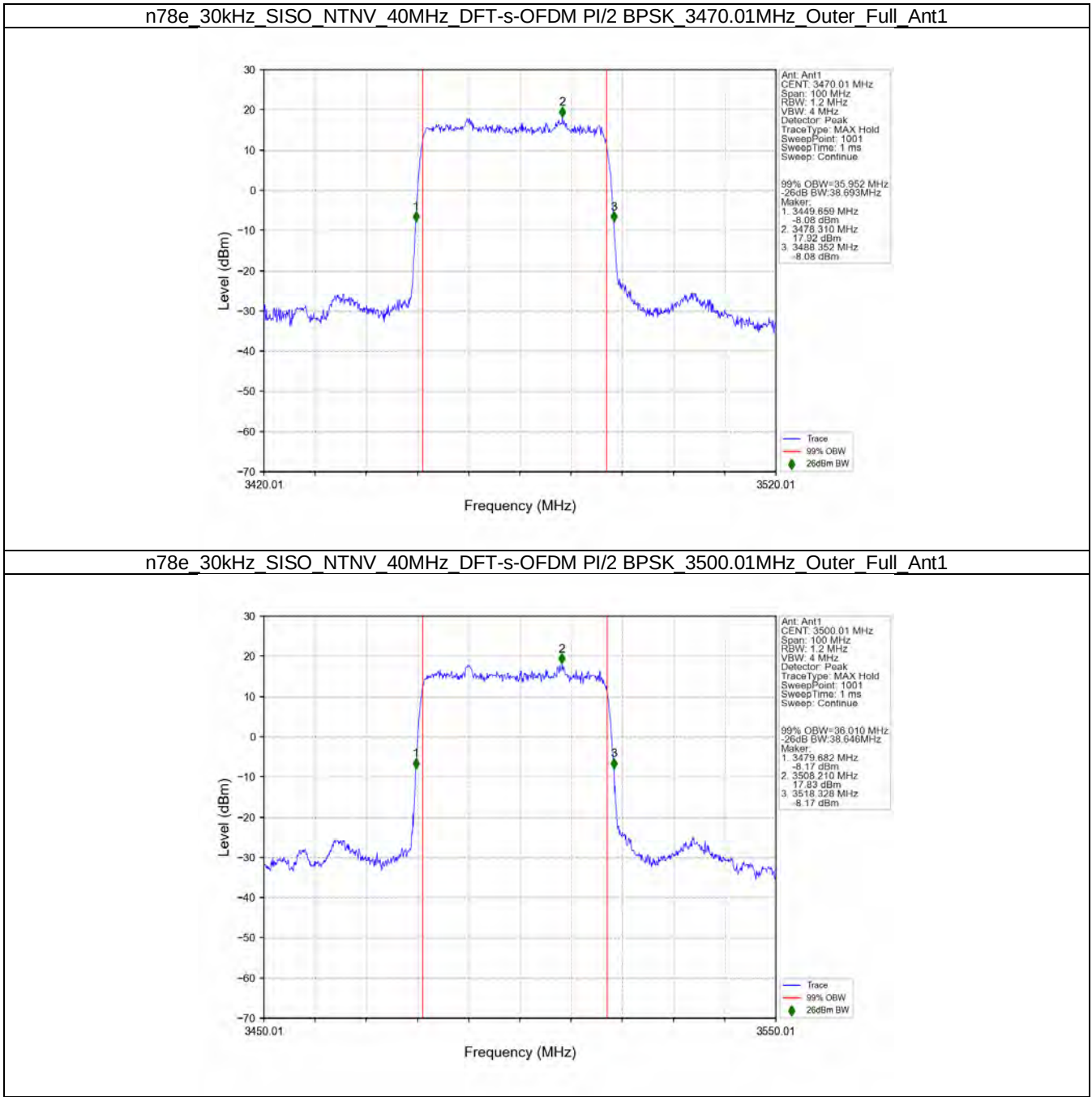
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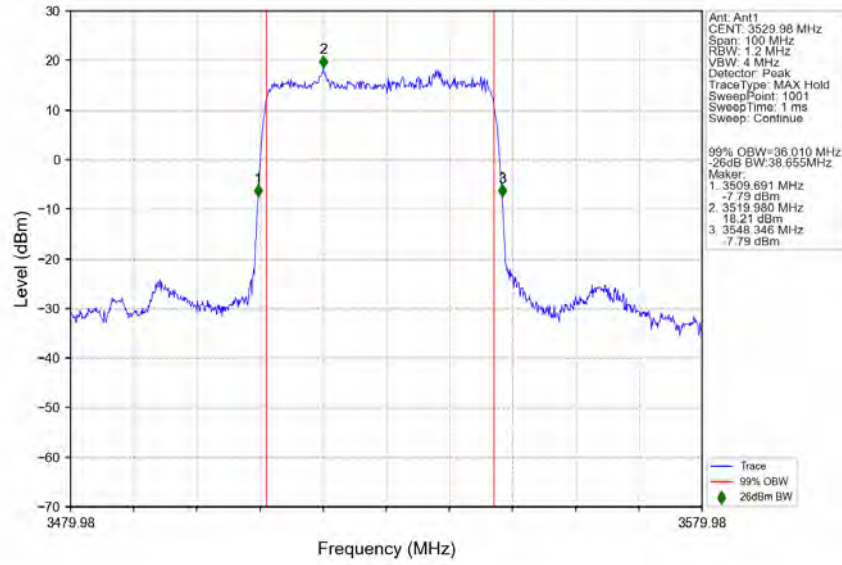
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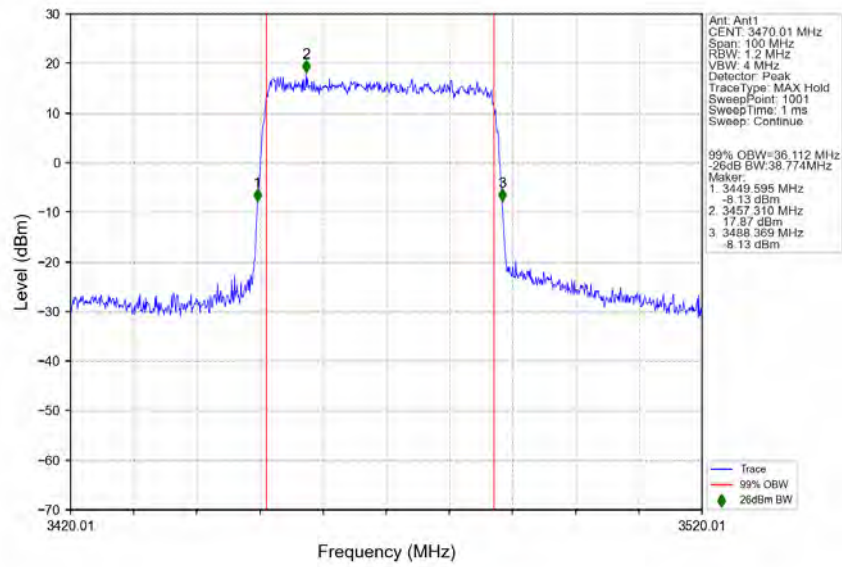
3.2.3 30k_SISO_40MHz_NTNV



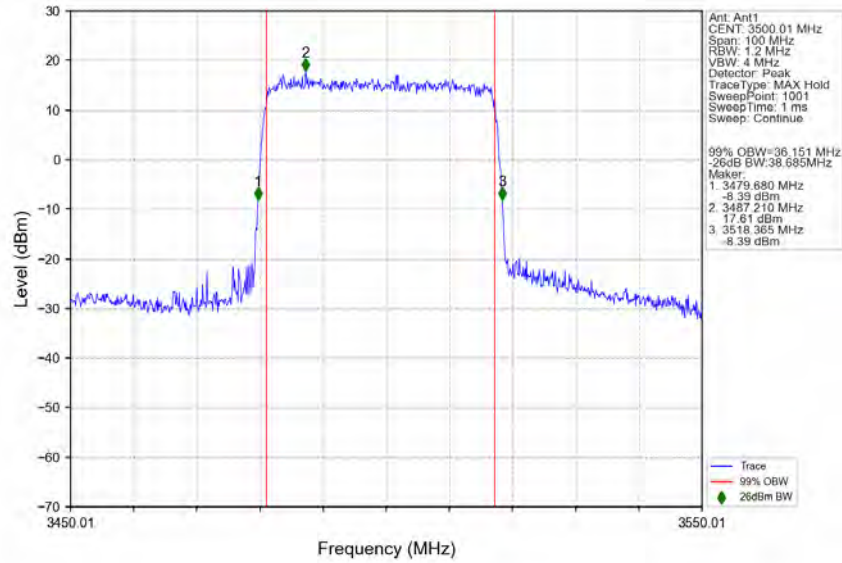
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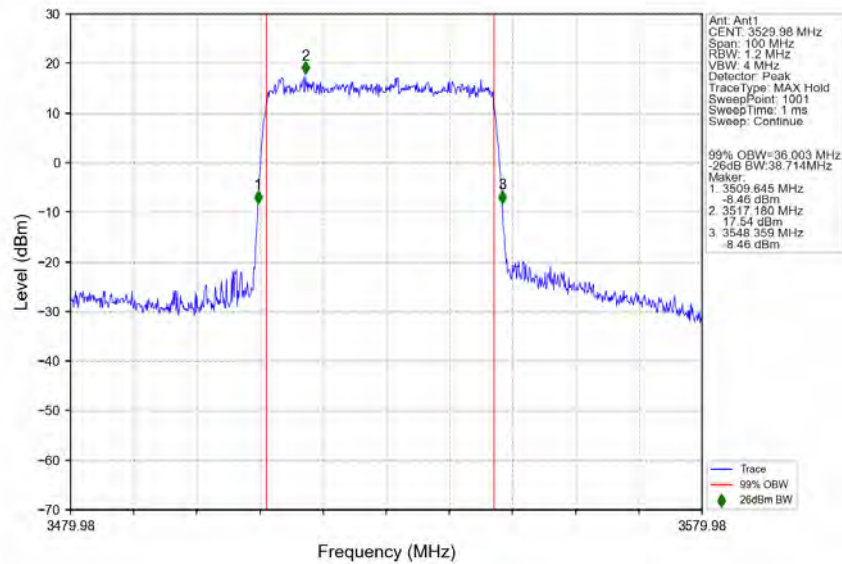
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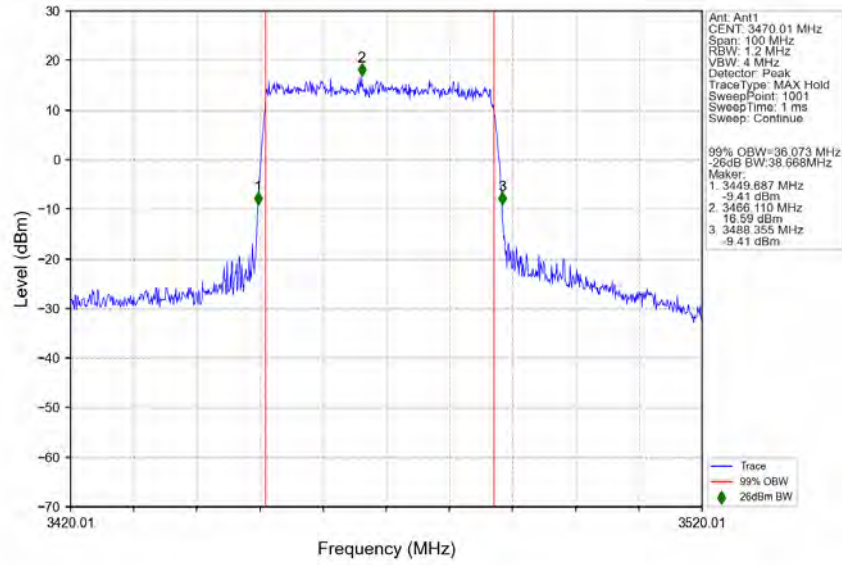
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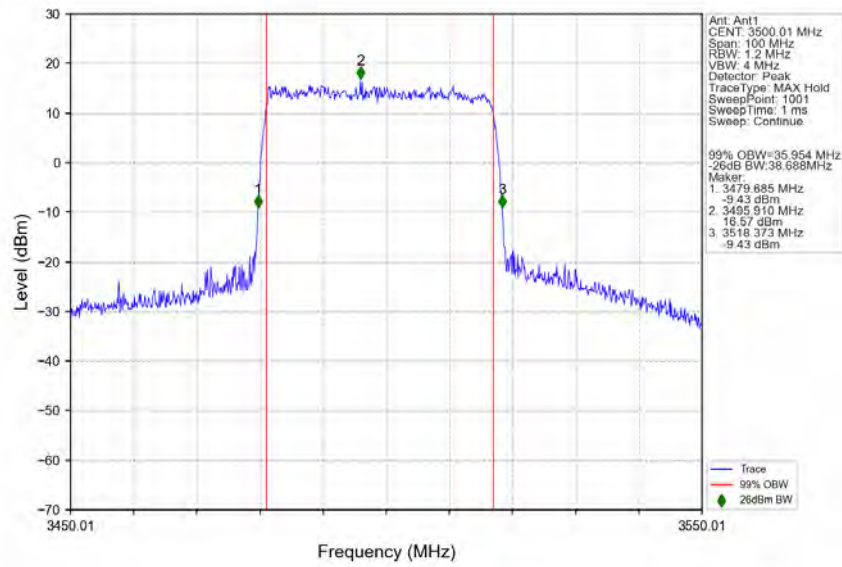
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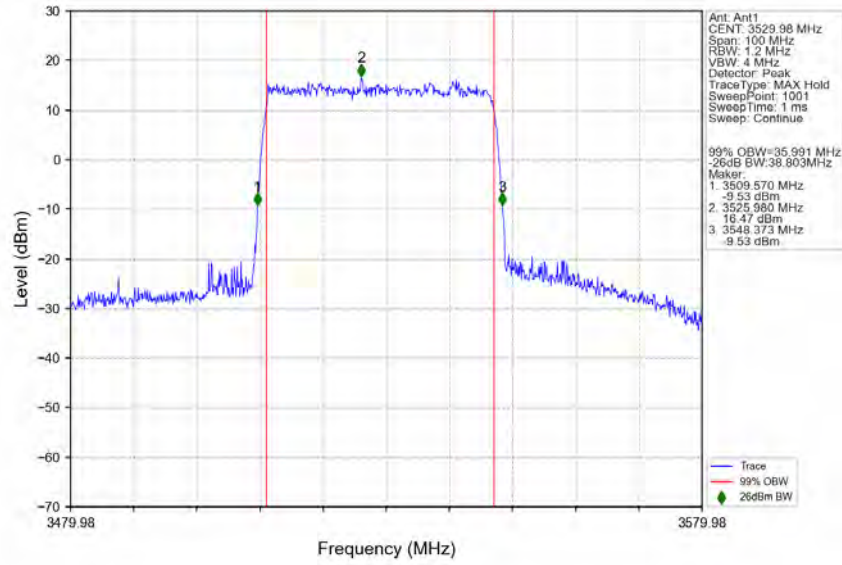
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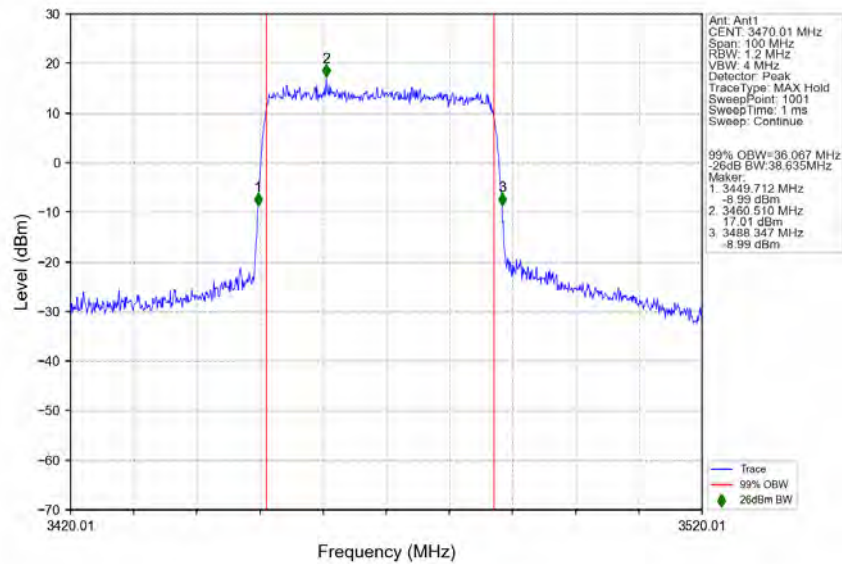
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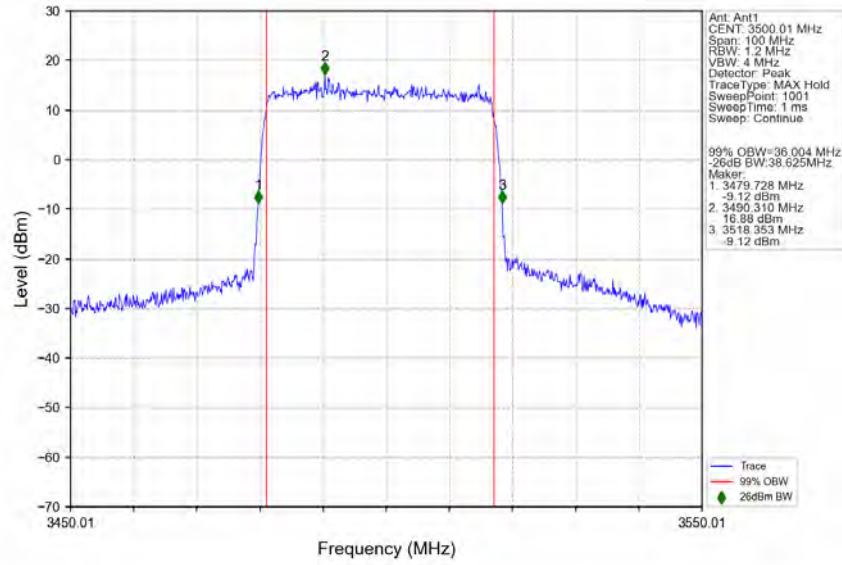
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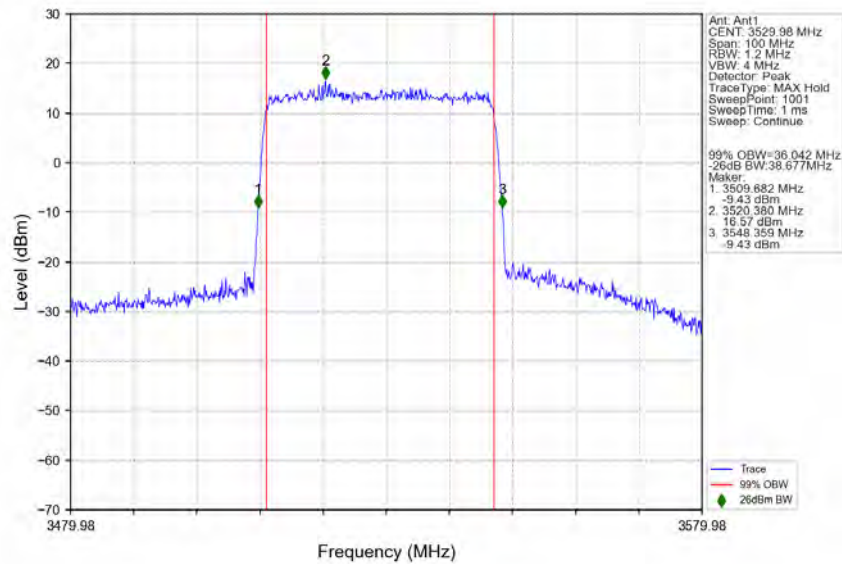
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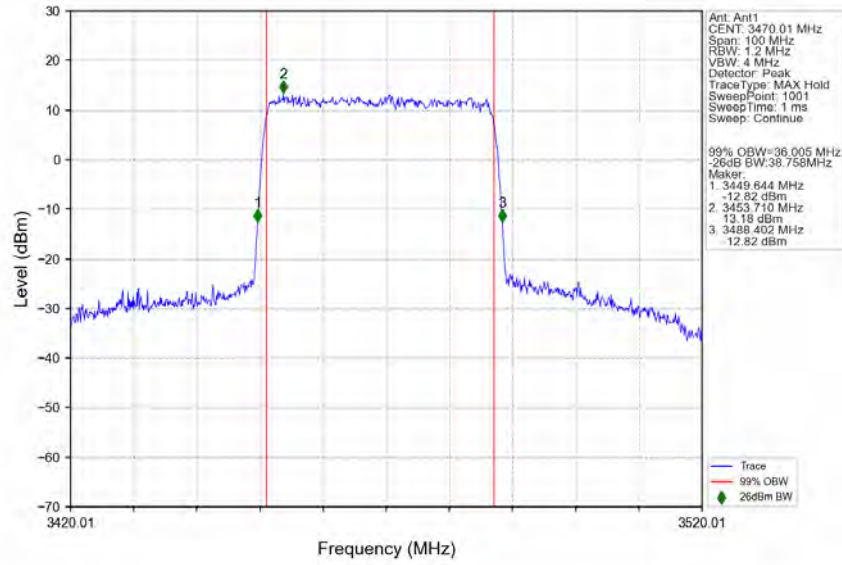
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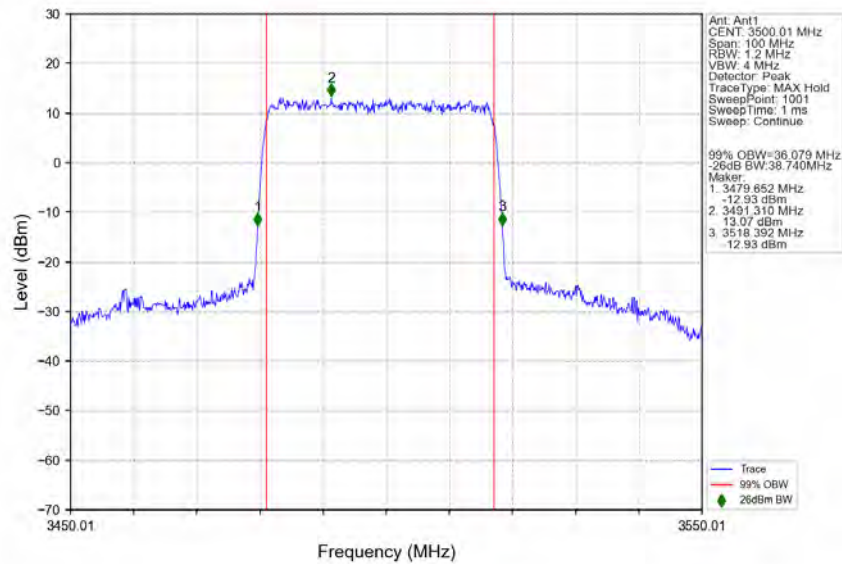
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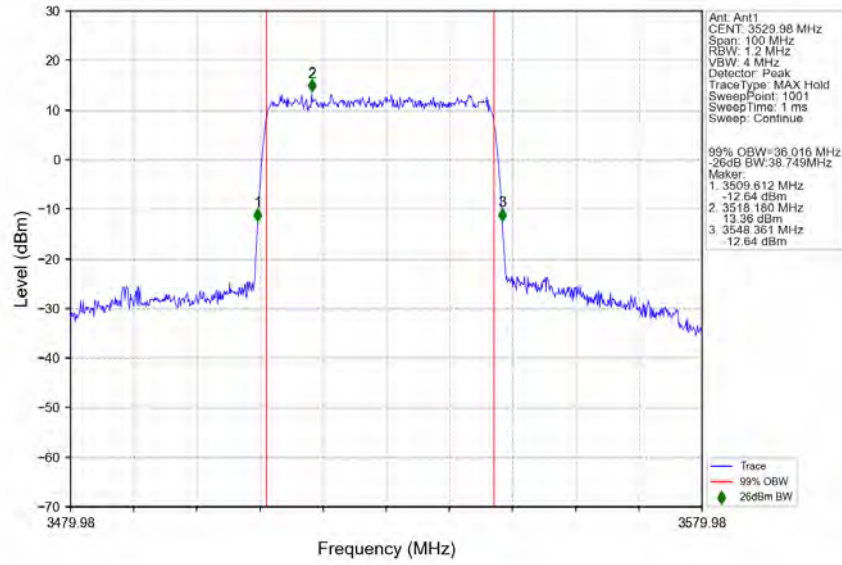
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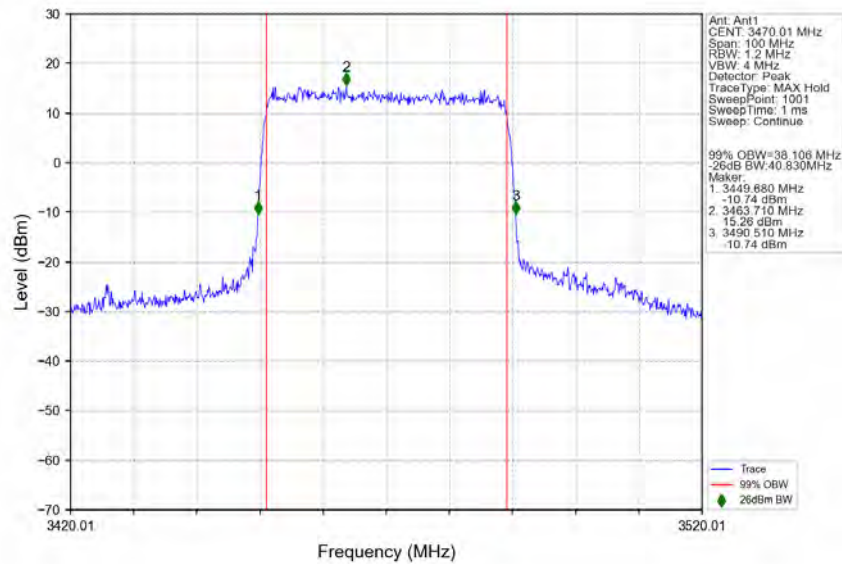
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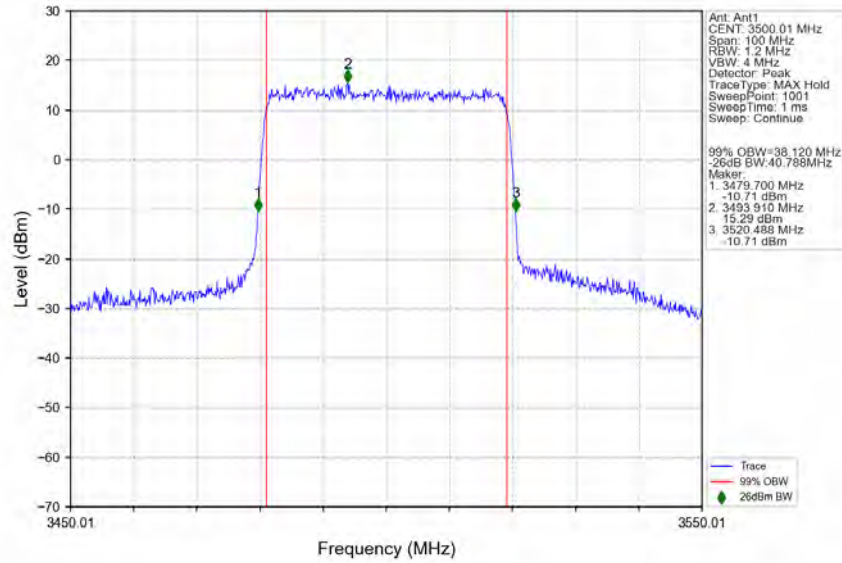
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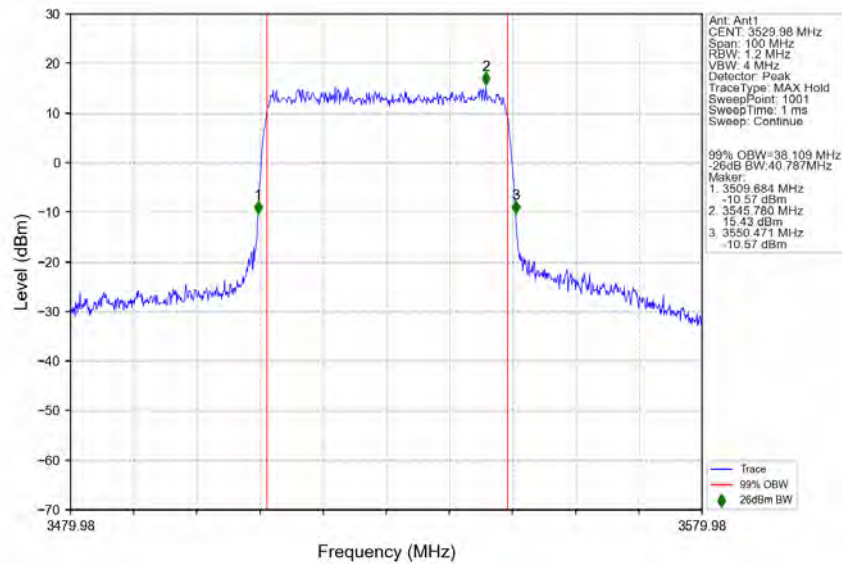
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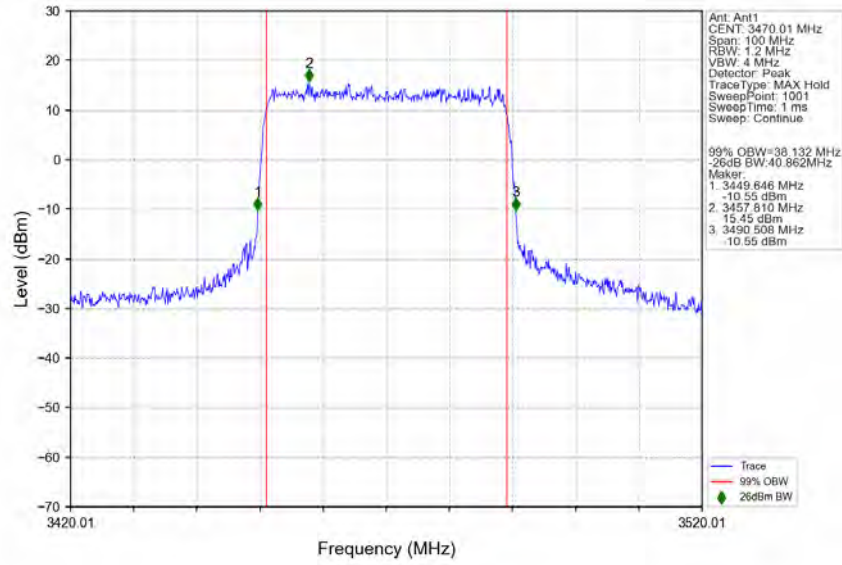
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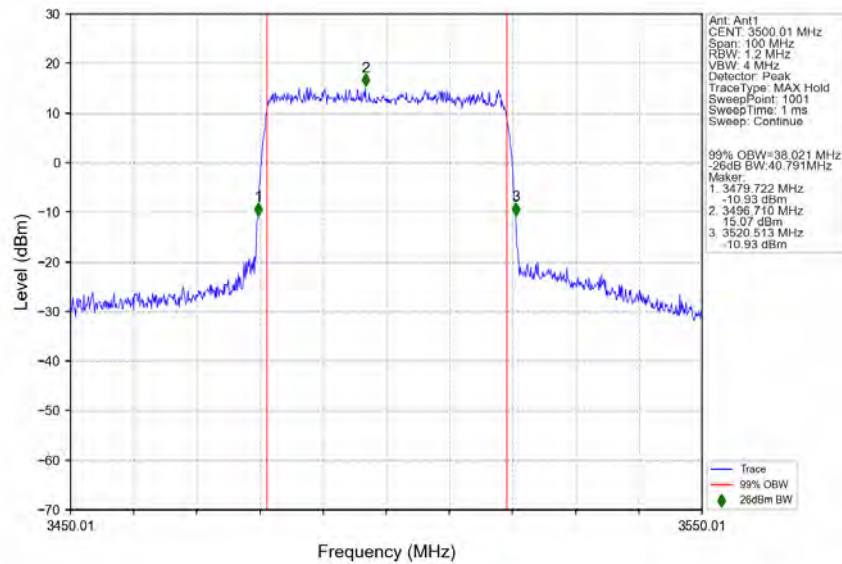
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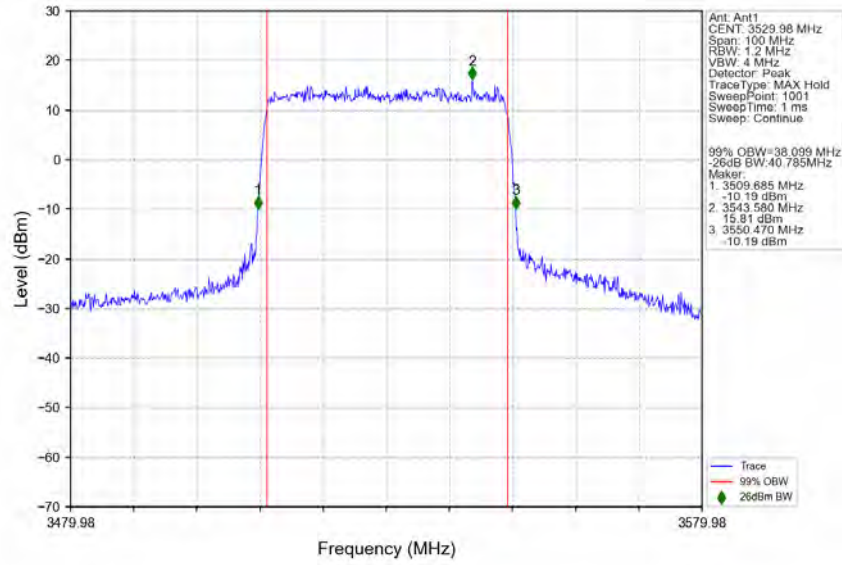
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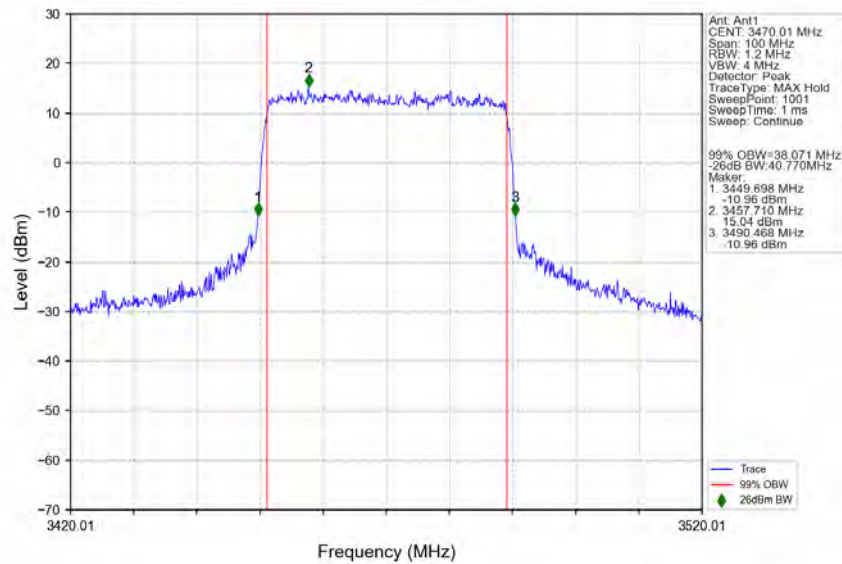
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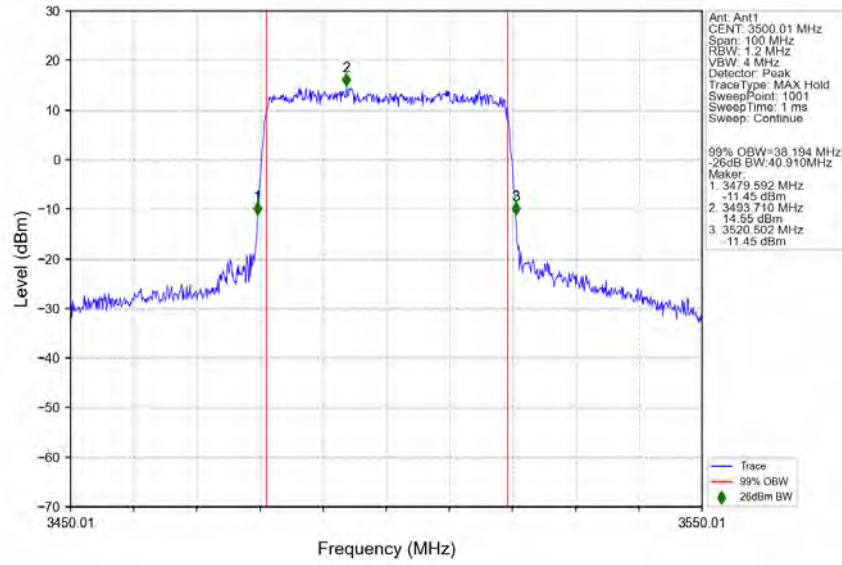
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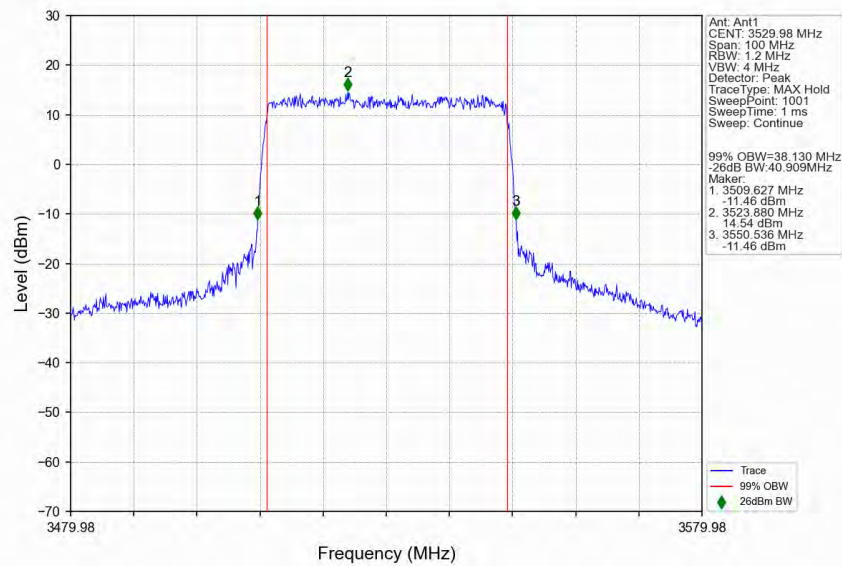
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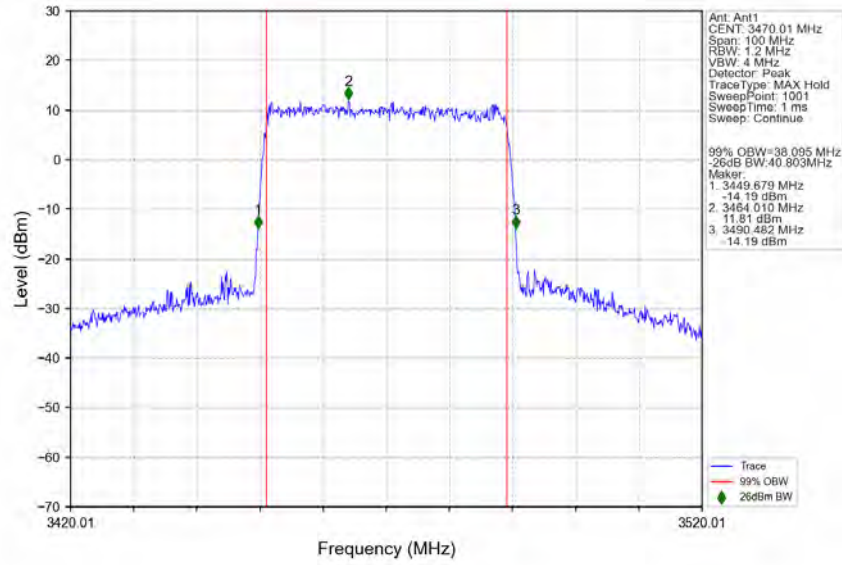
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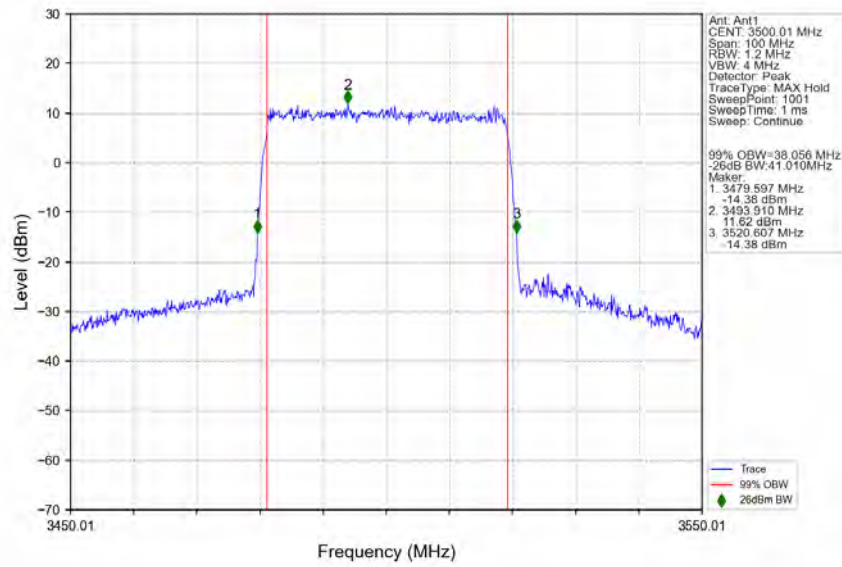
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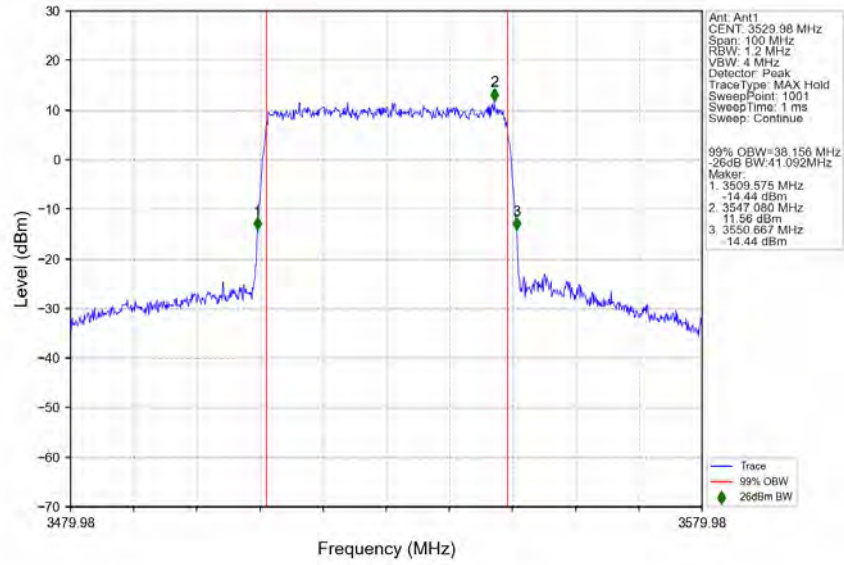
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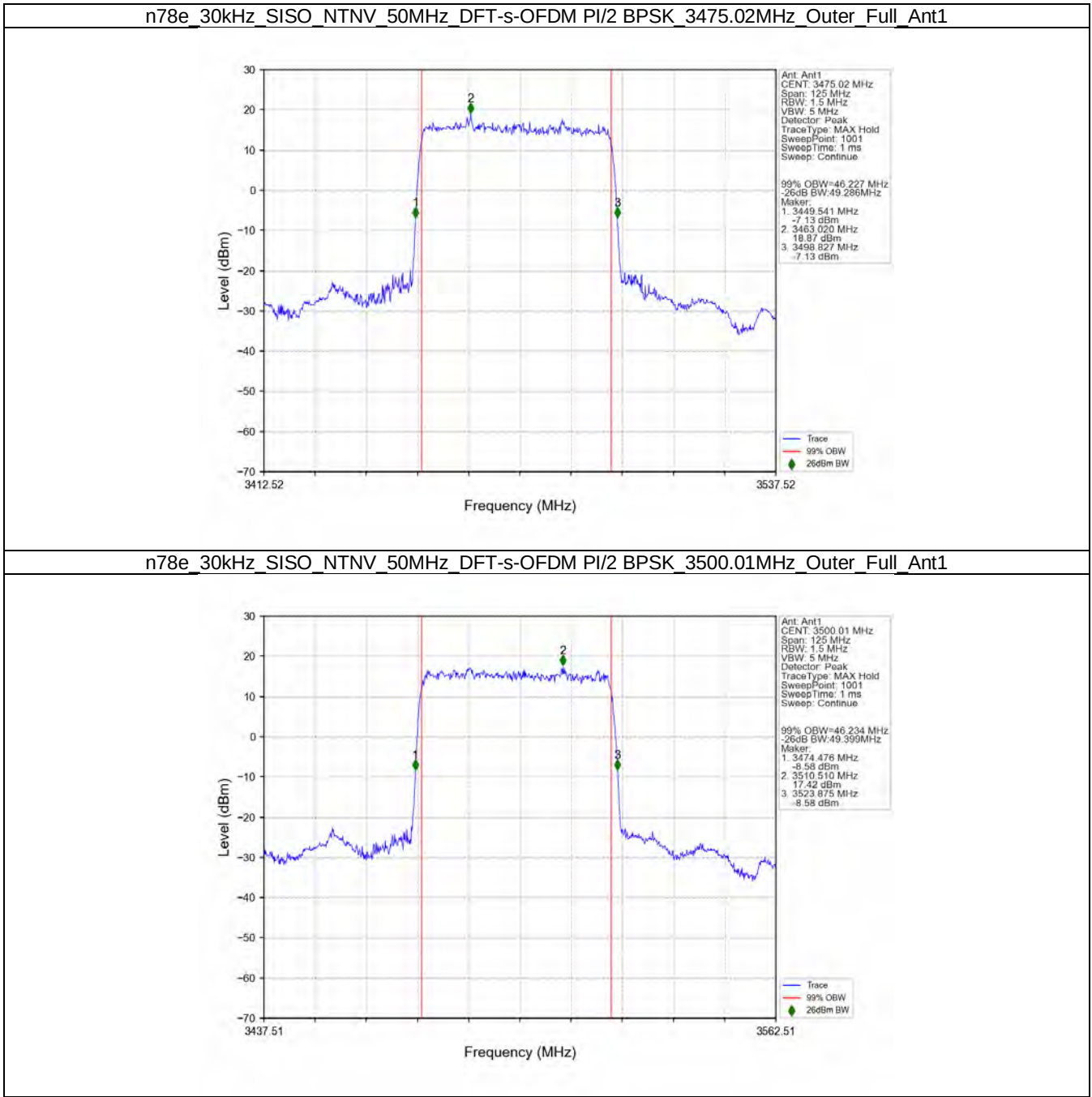
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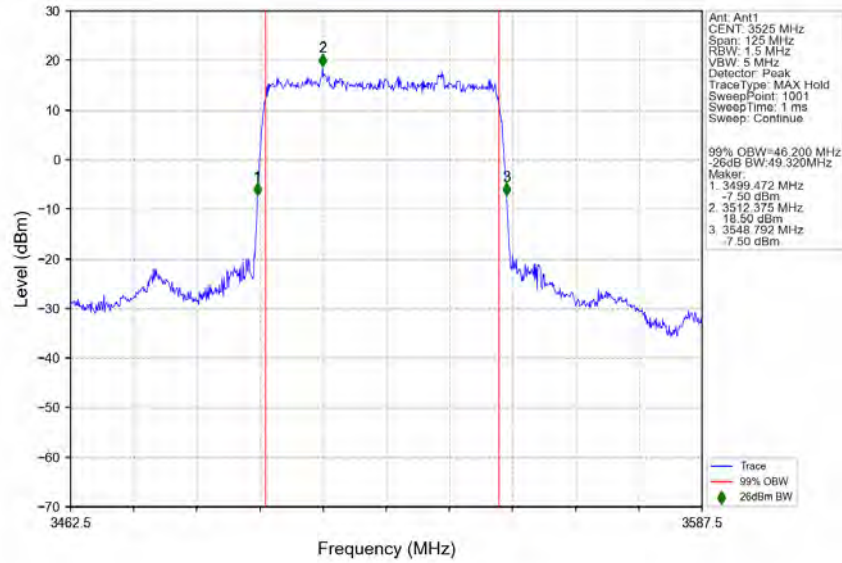
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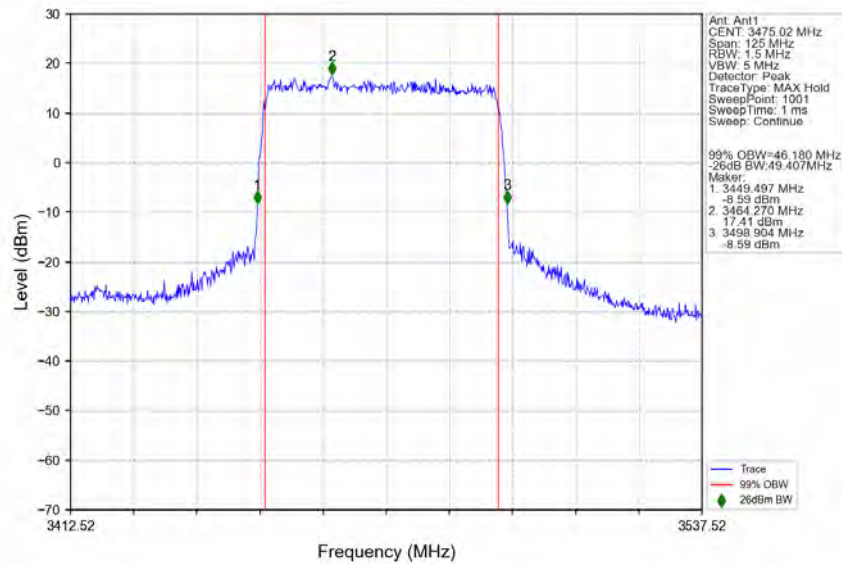
3.2.4 30k_SISO_50MHz_NTNV



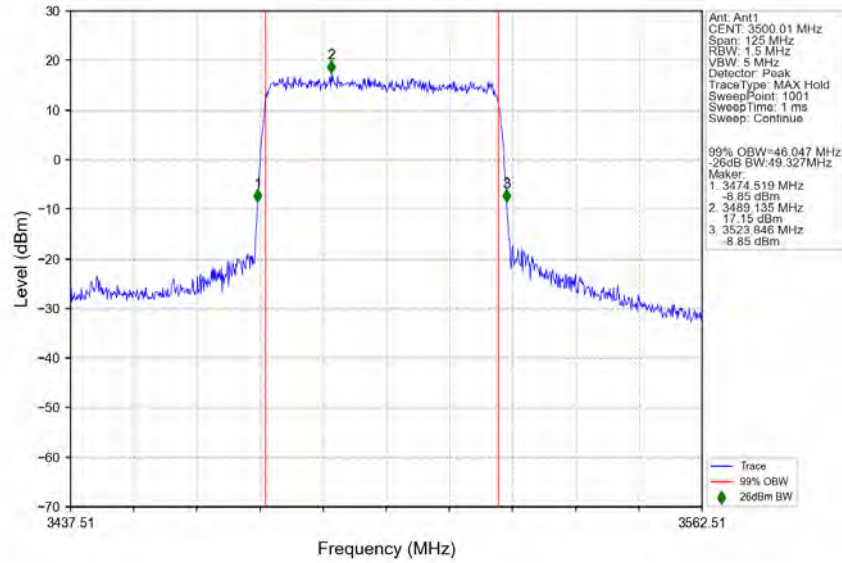
n78e 30kHz SISO NTNv 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Outer Full Ant1



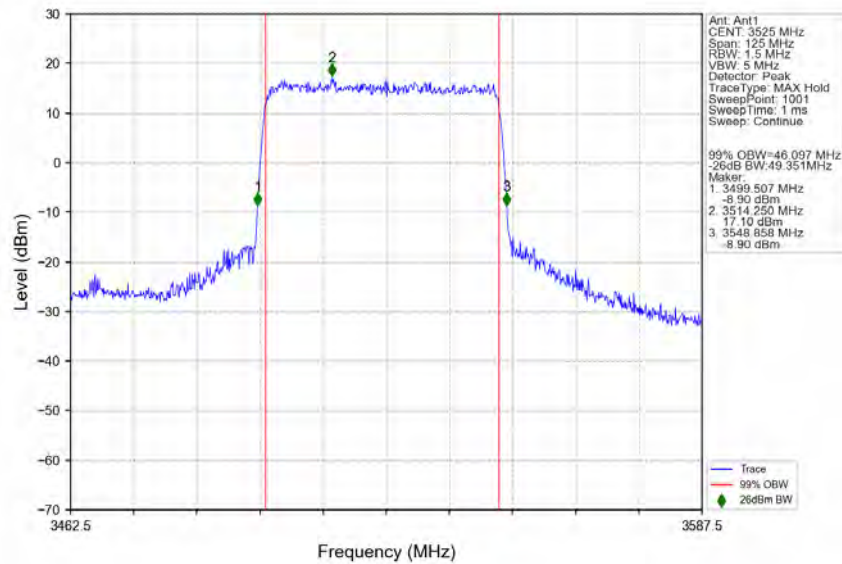
n78e 30kHz SISO NTNv 50MHz DFT-s-OFDM QPSK 3475.02MHz Outer Full Ant1



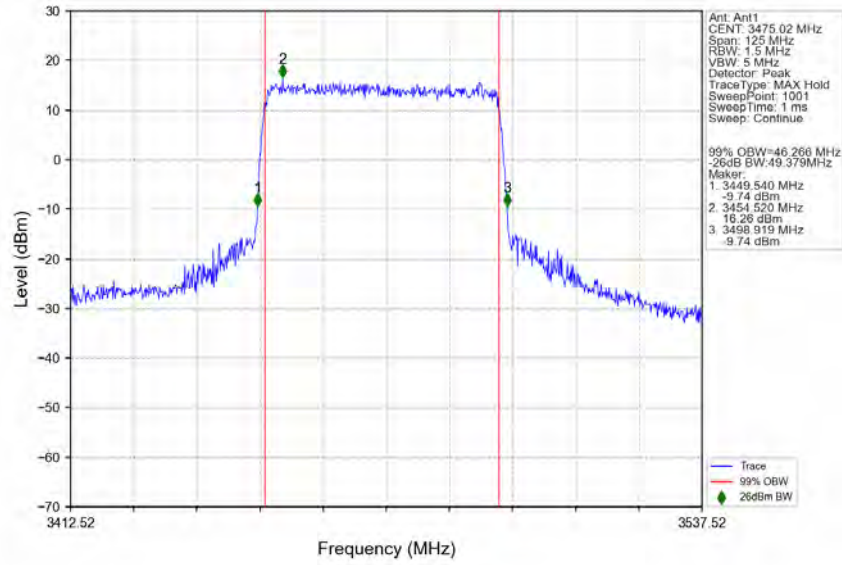
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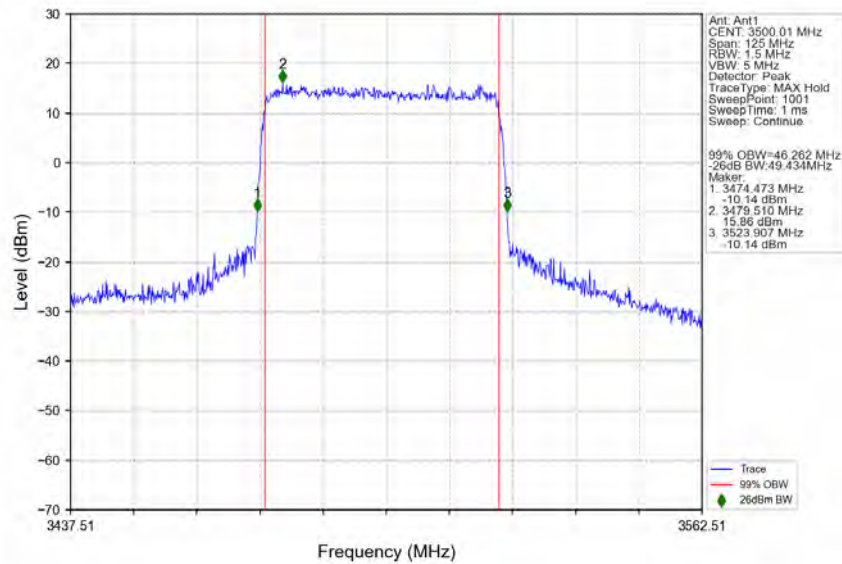
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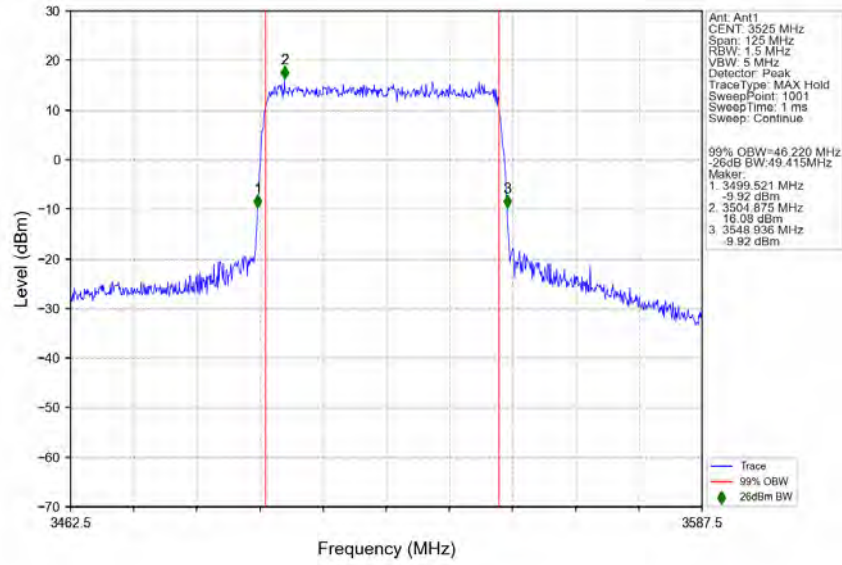
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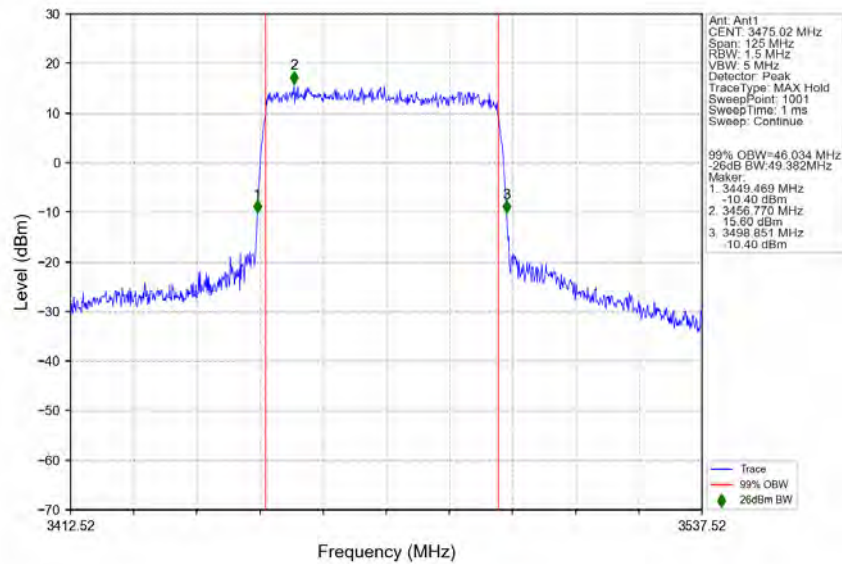
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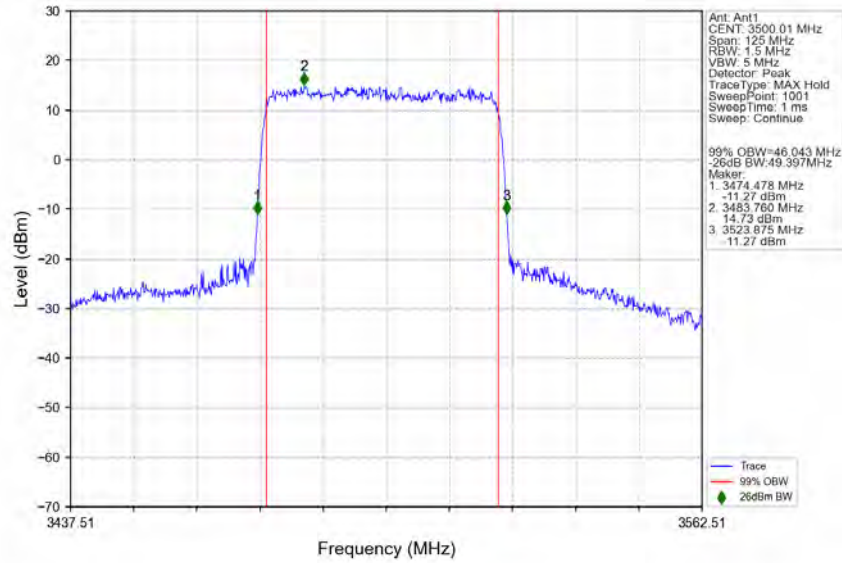
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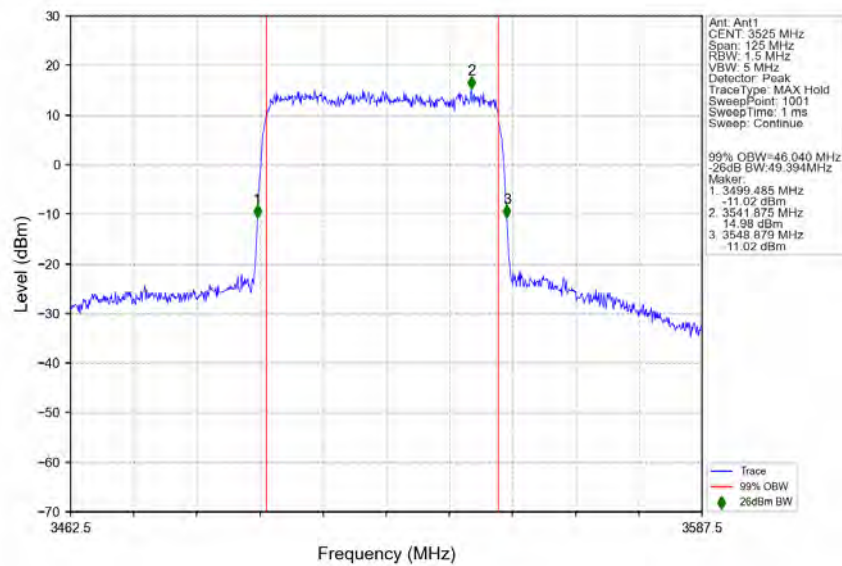
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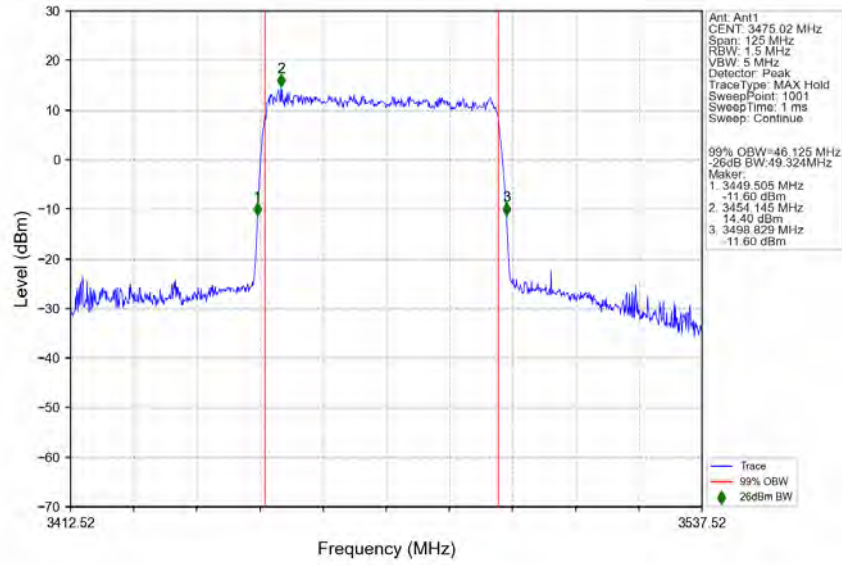
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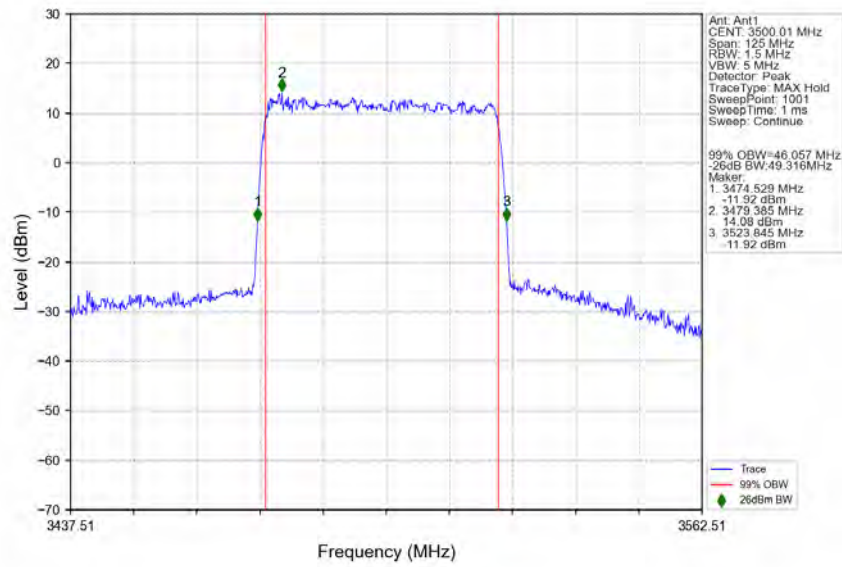
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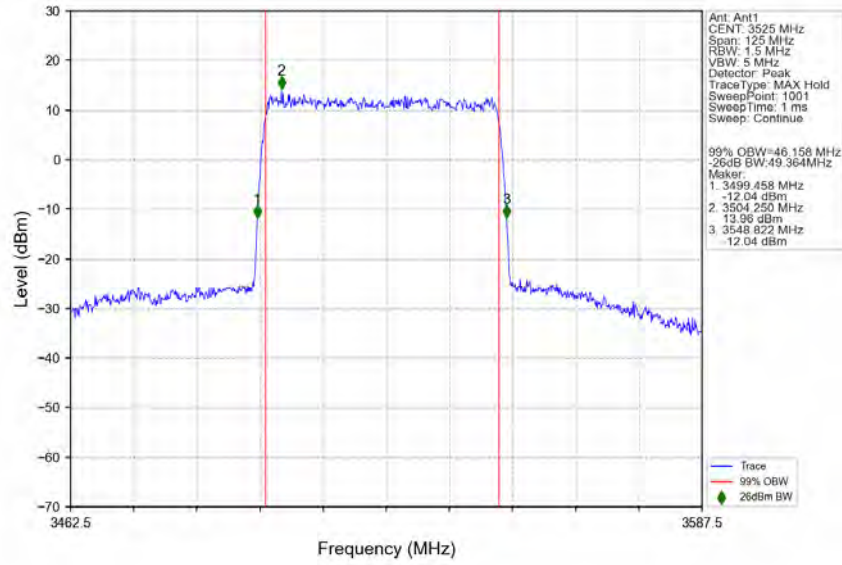
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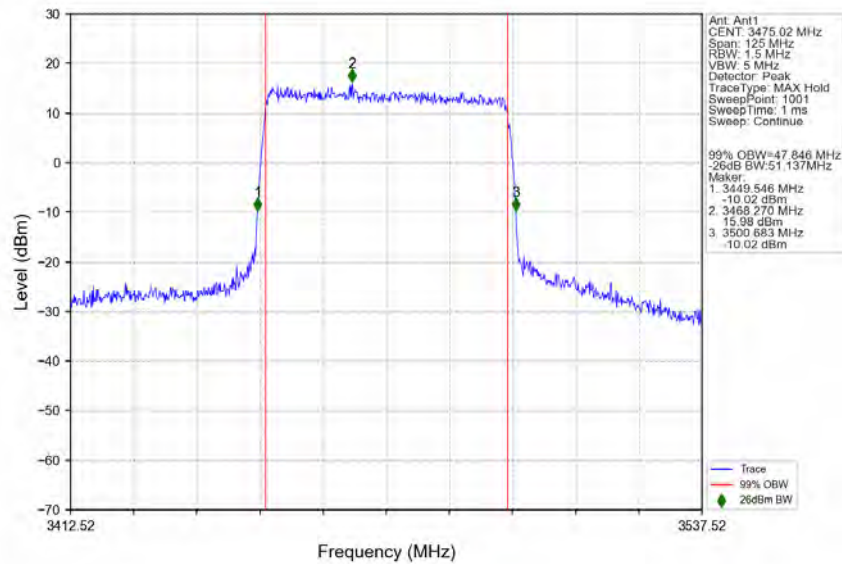
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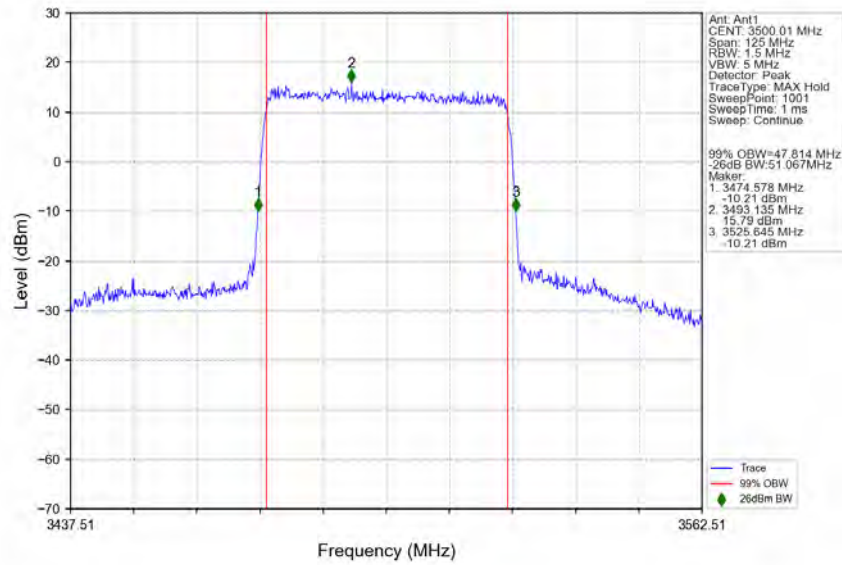
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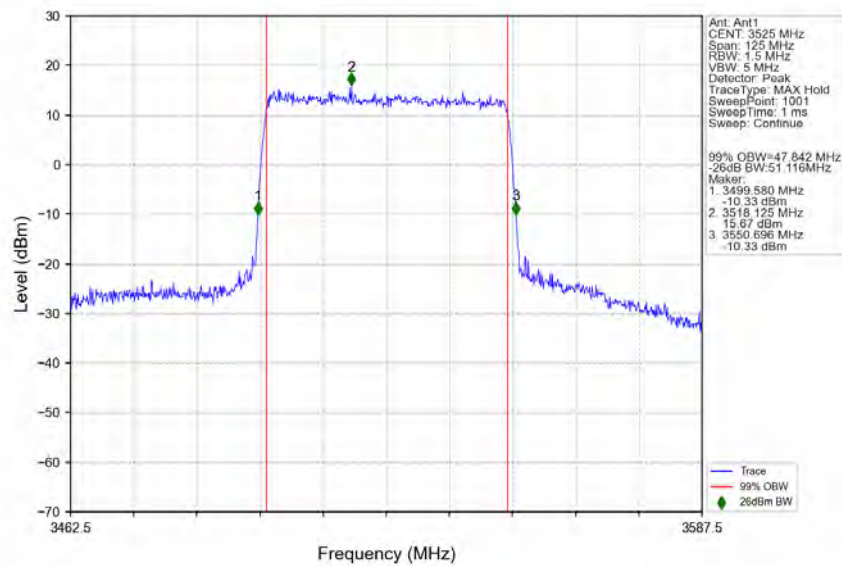
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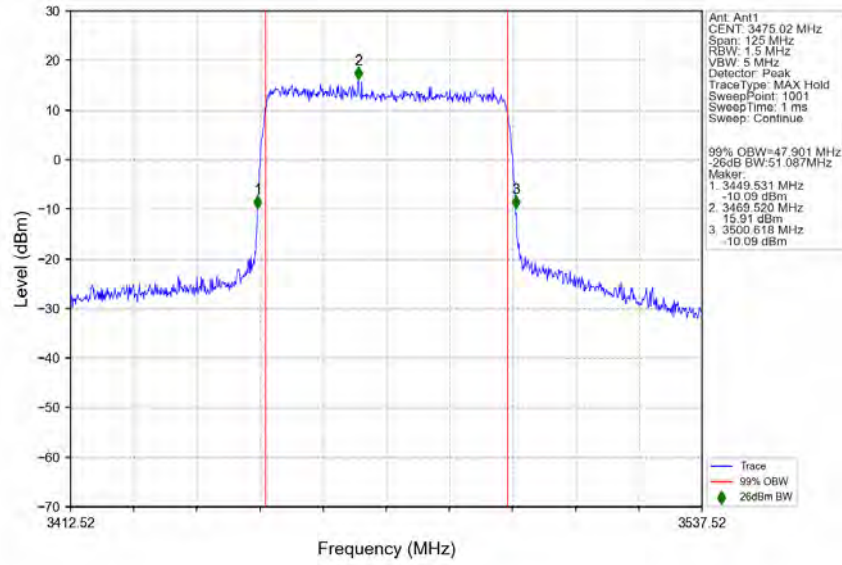
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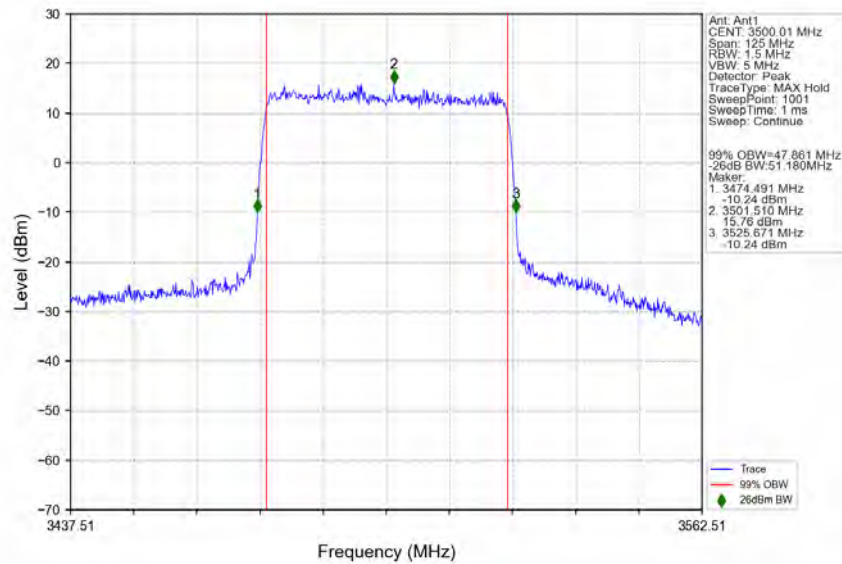
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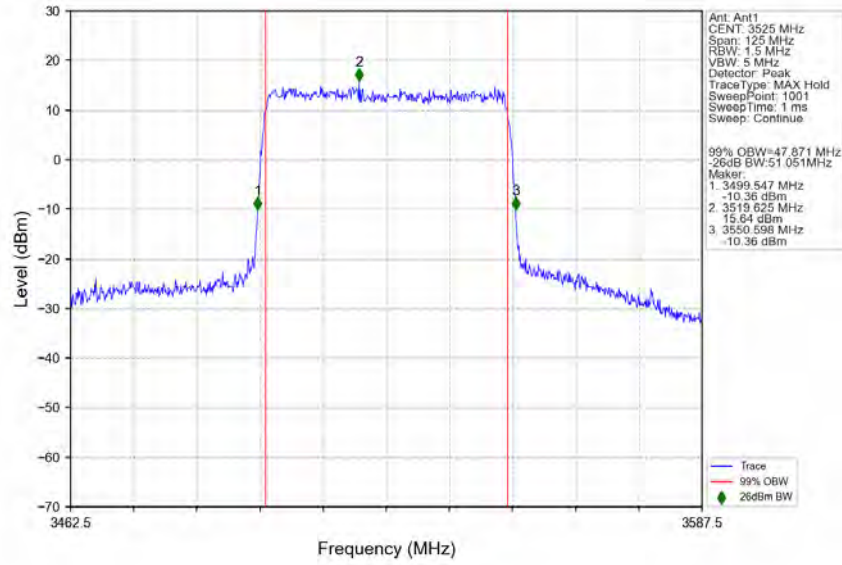
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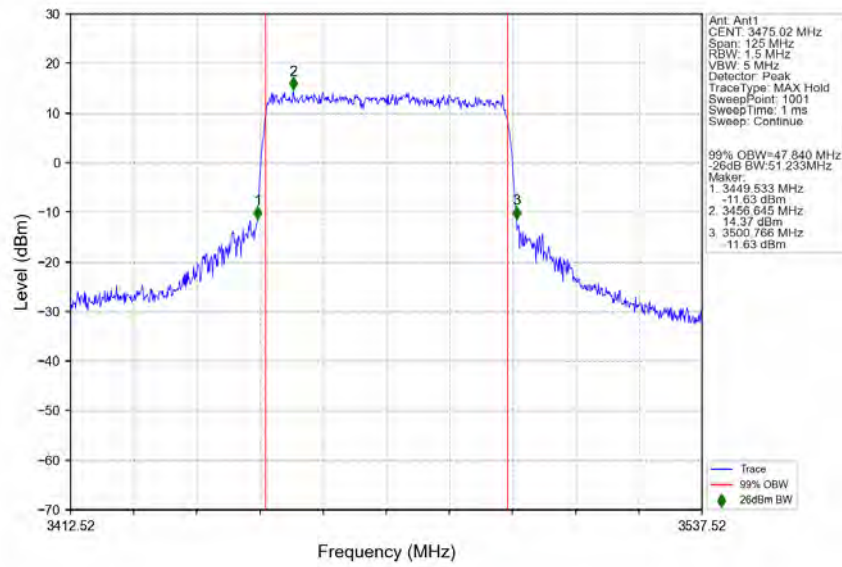
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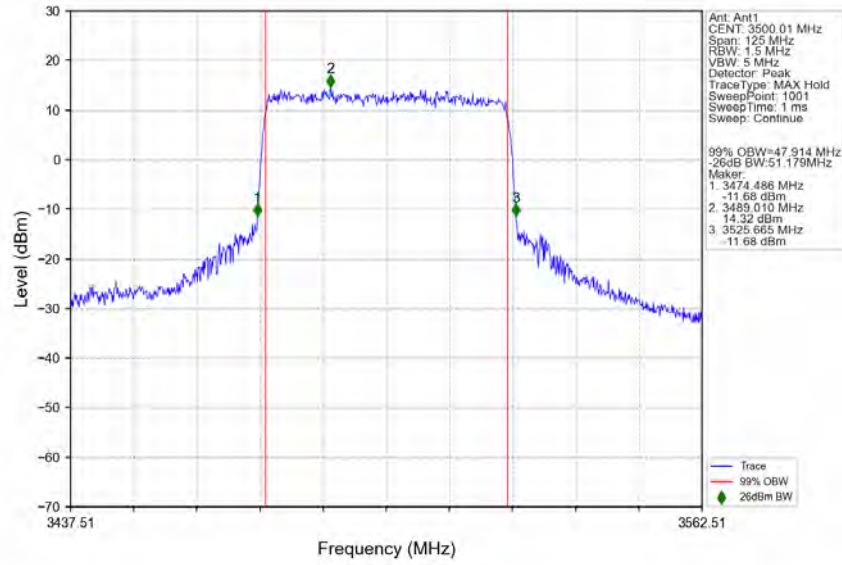
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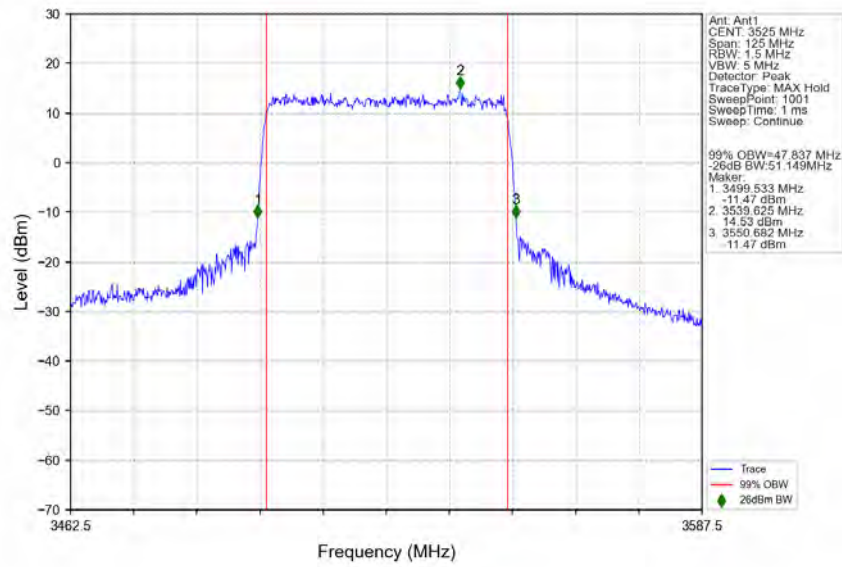
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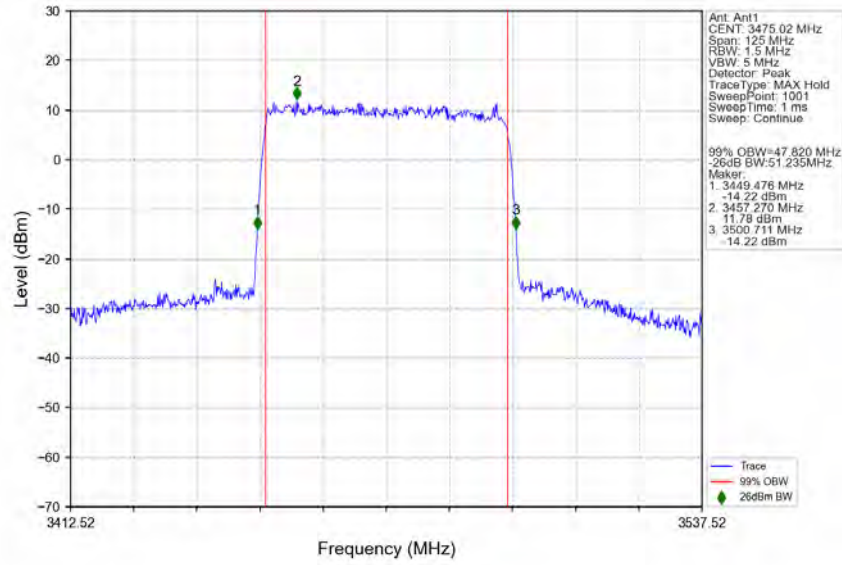
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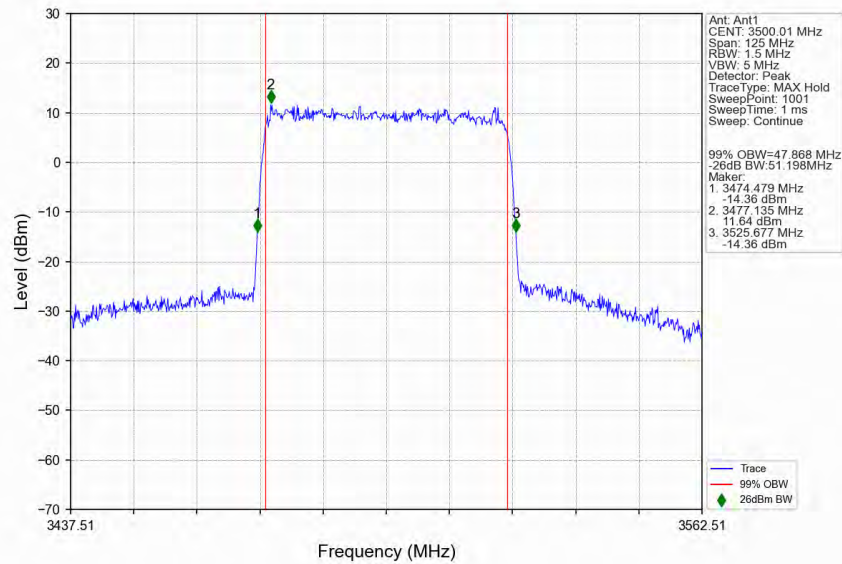
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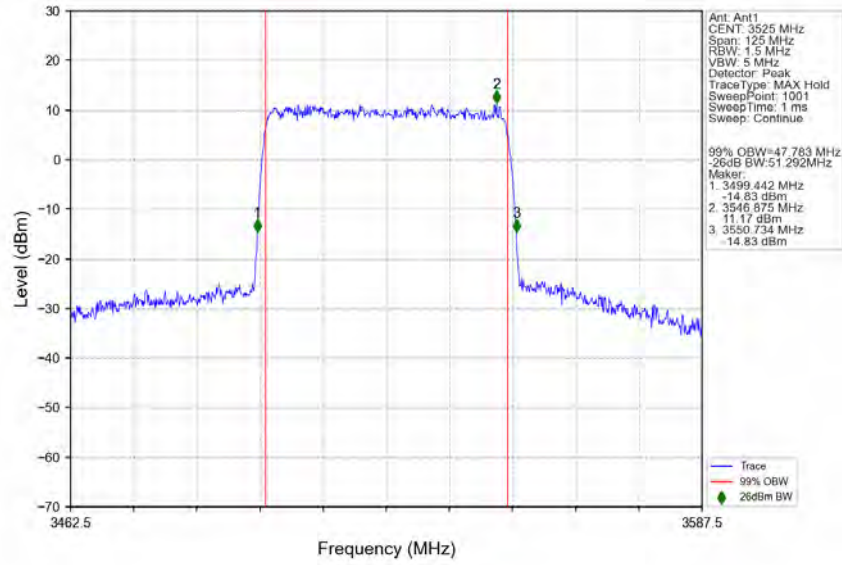
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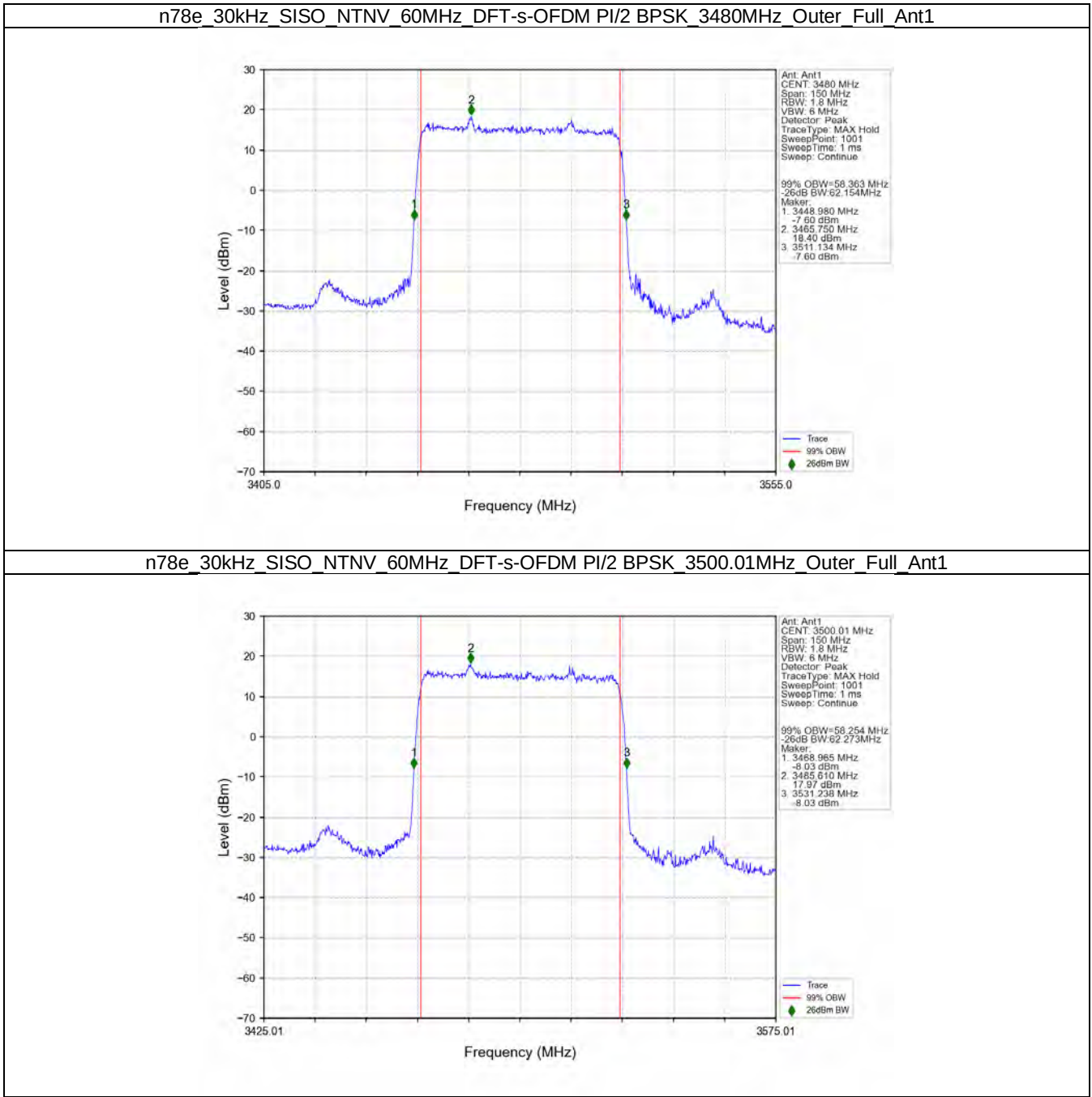
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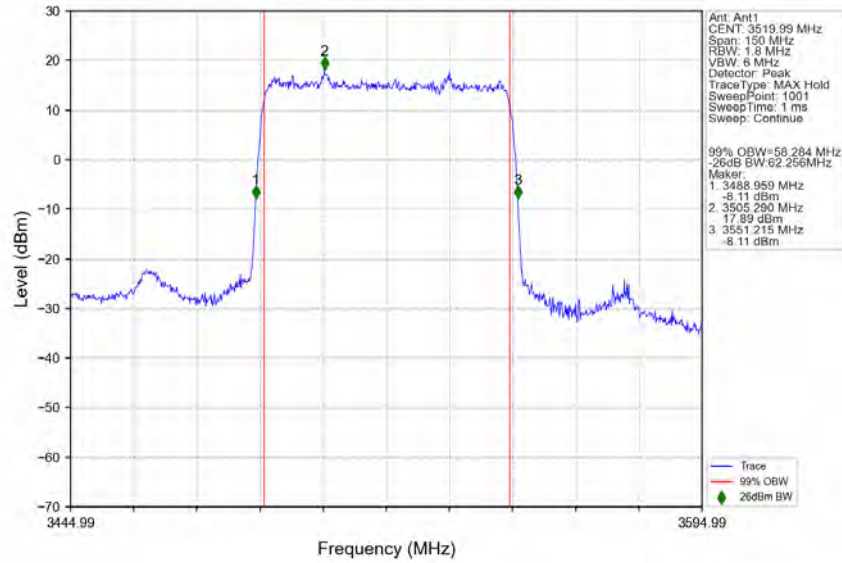
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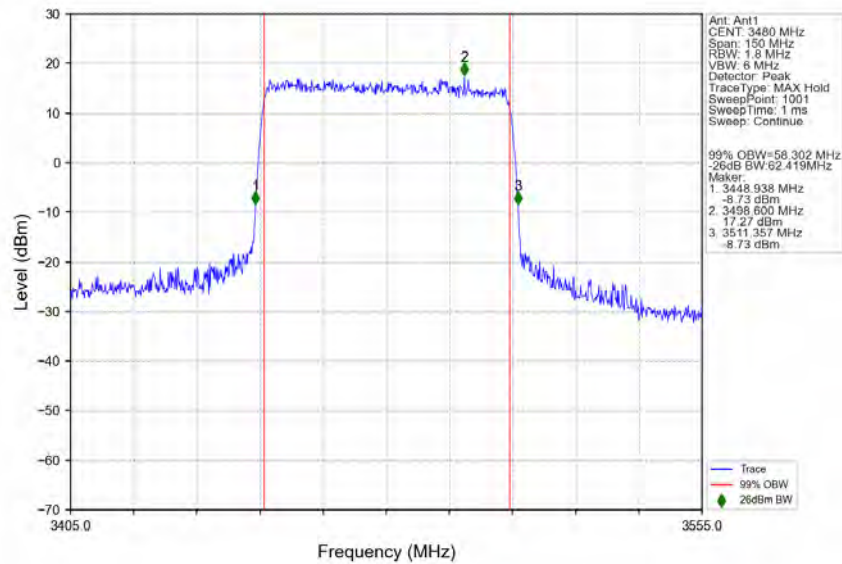
3.2.5 30k_SISO_60MHz_NTNV



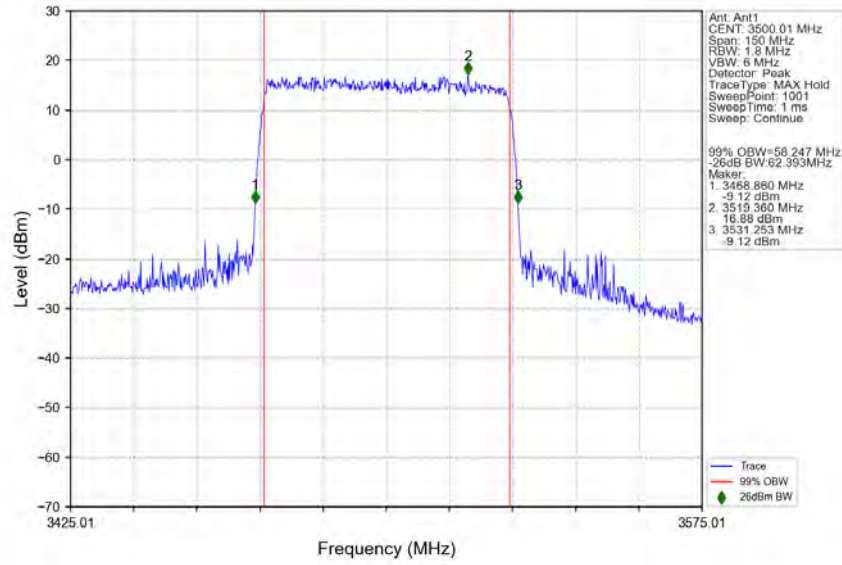
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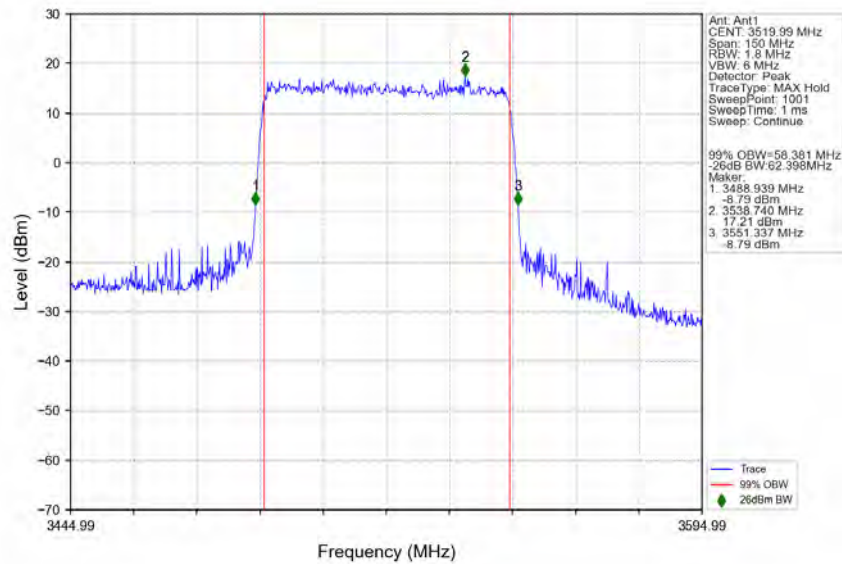
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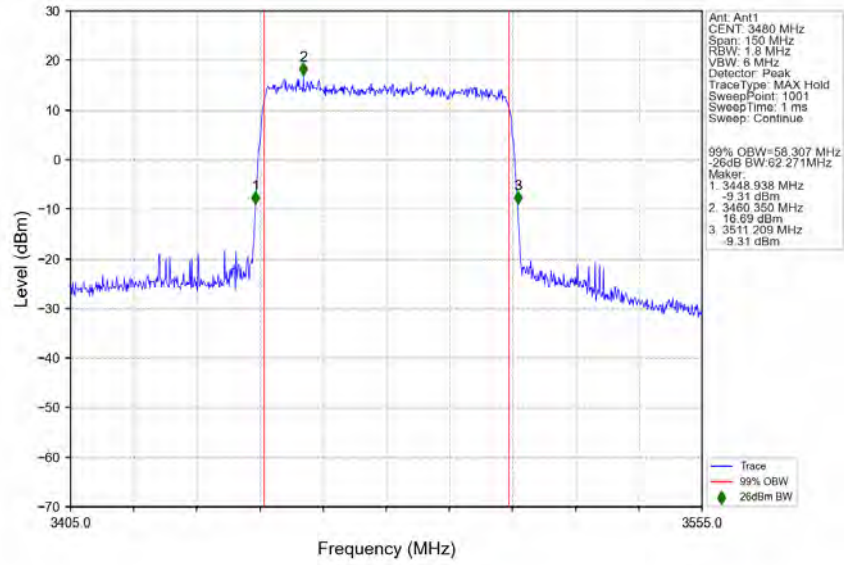
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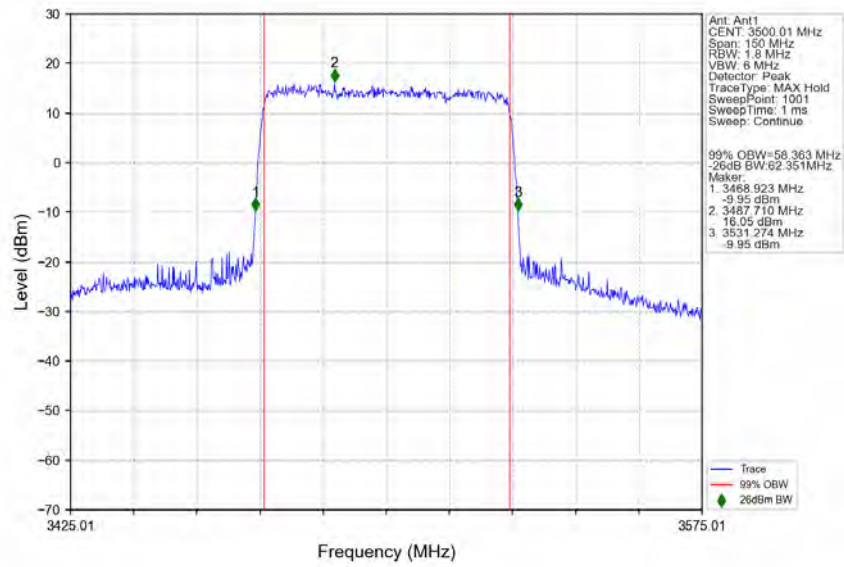
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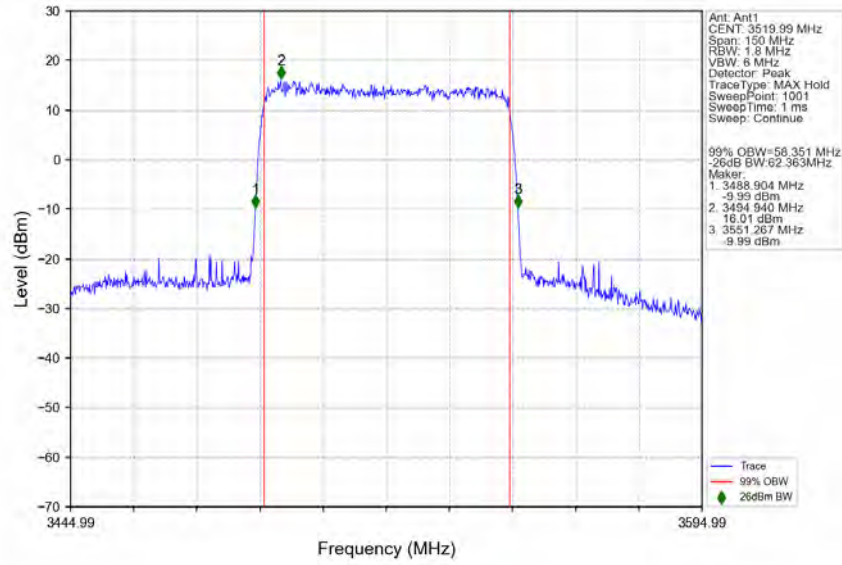
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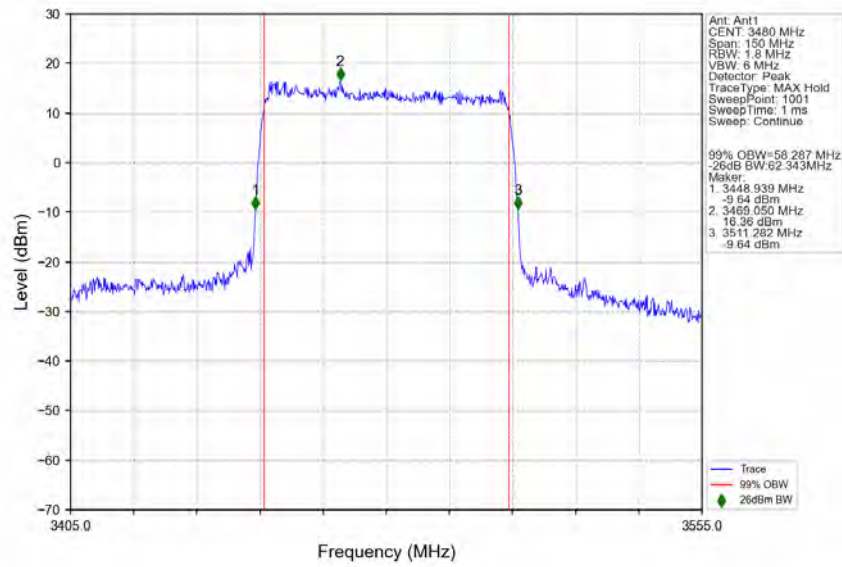
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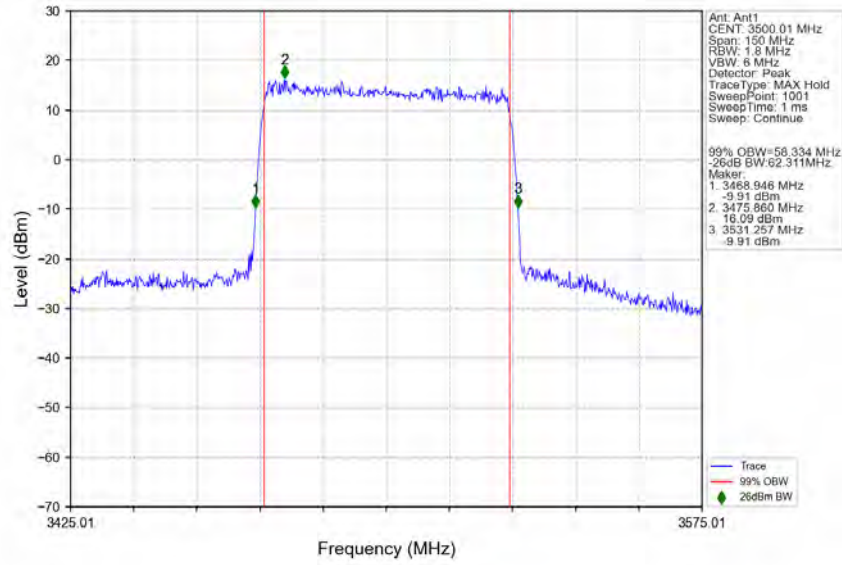
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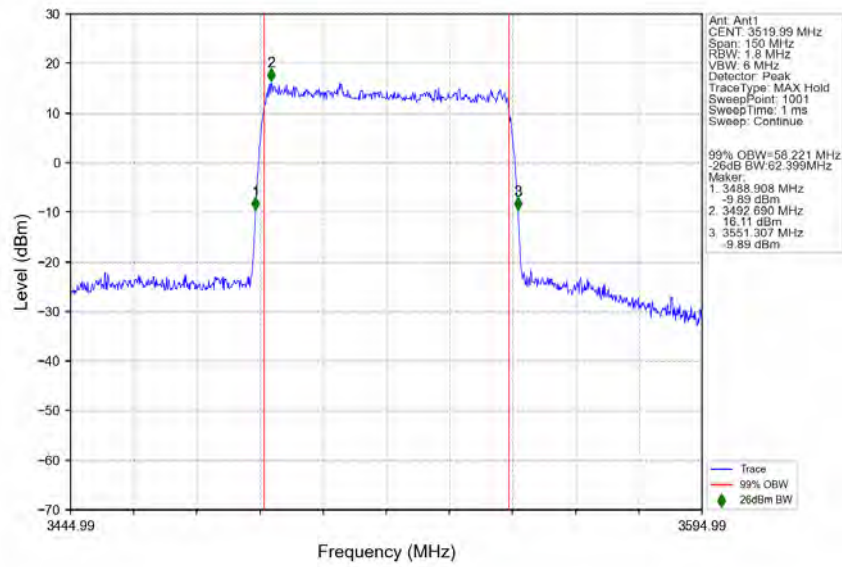
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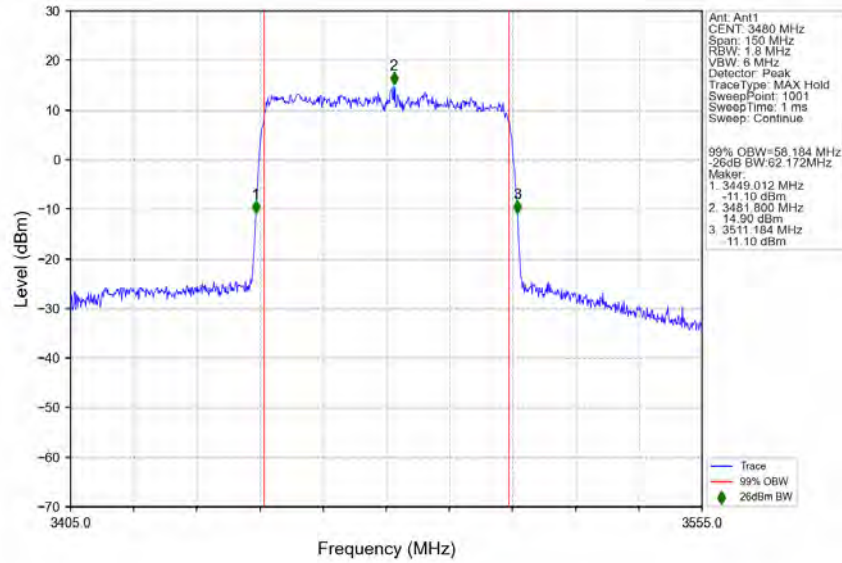
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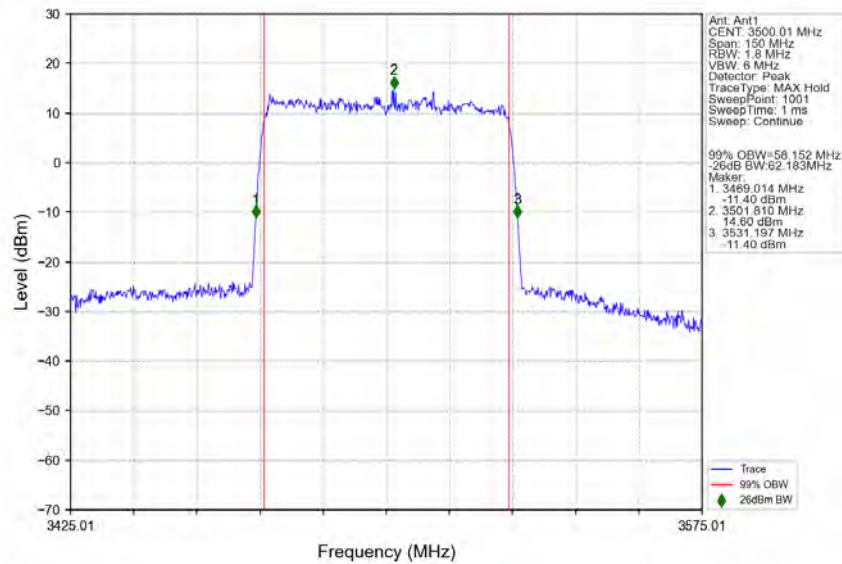
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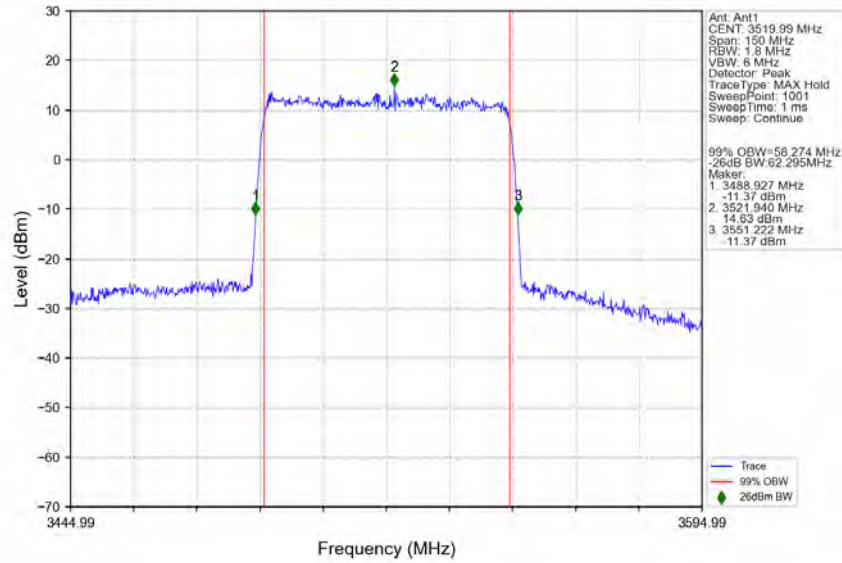
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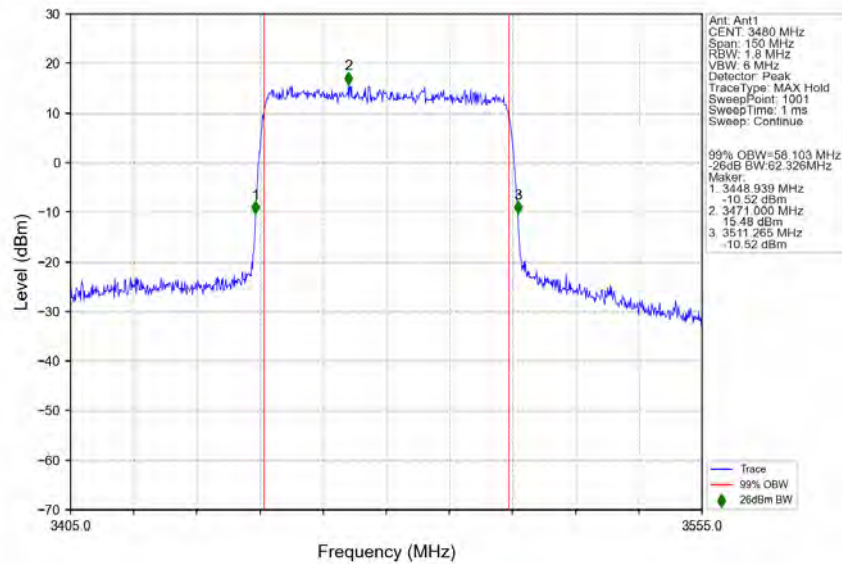
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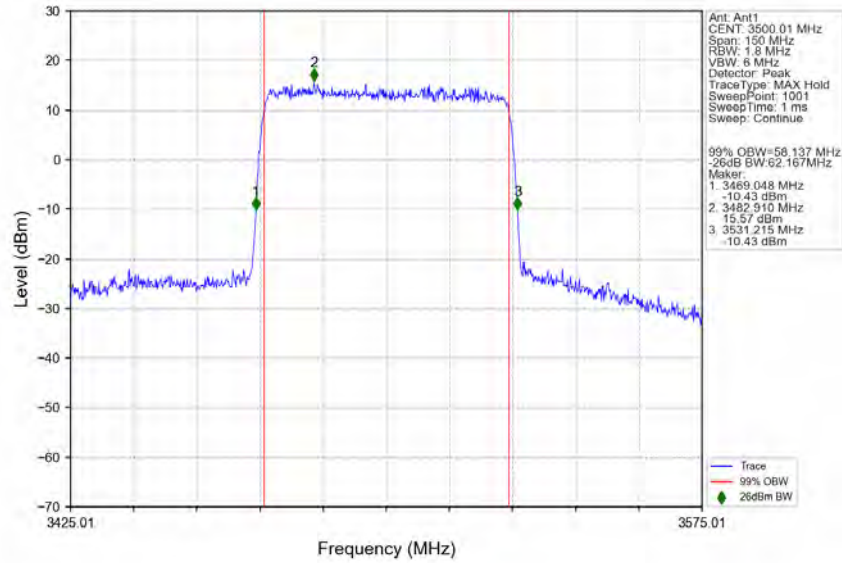
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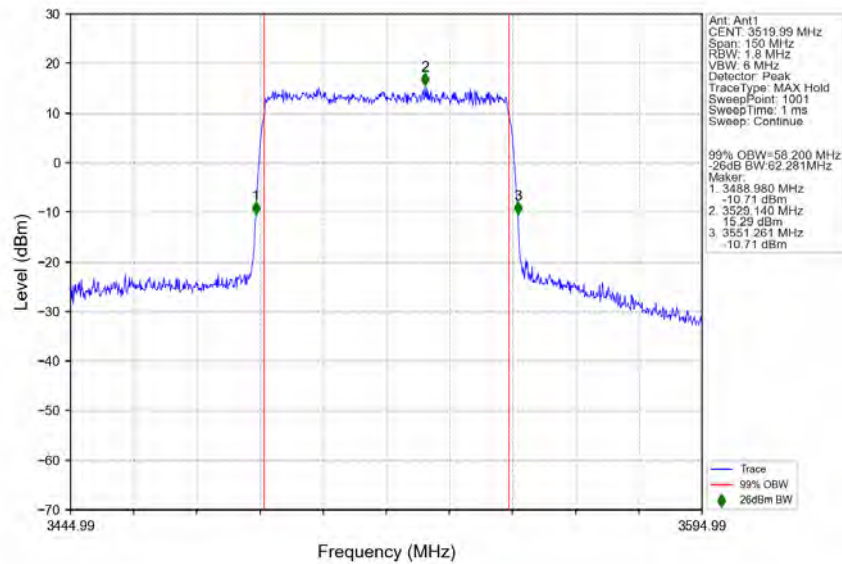
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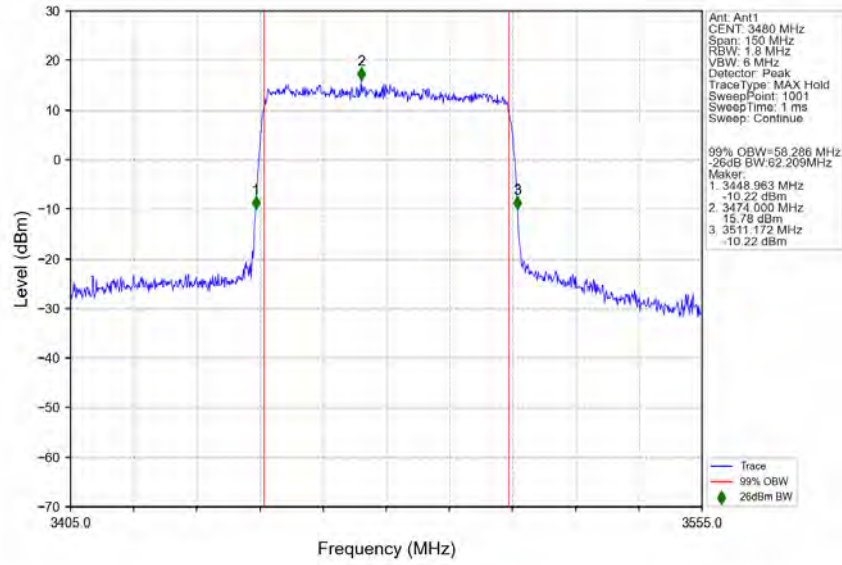
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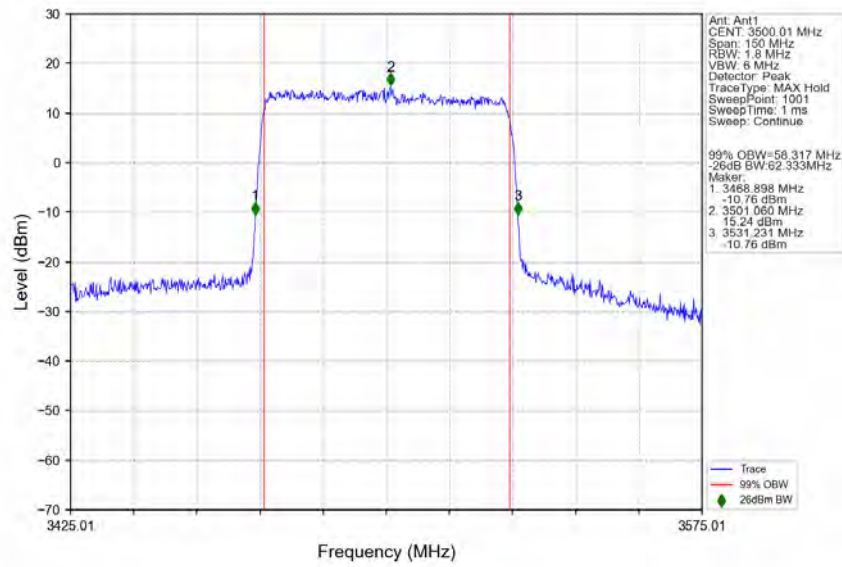
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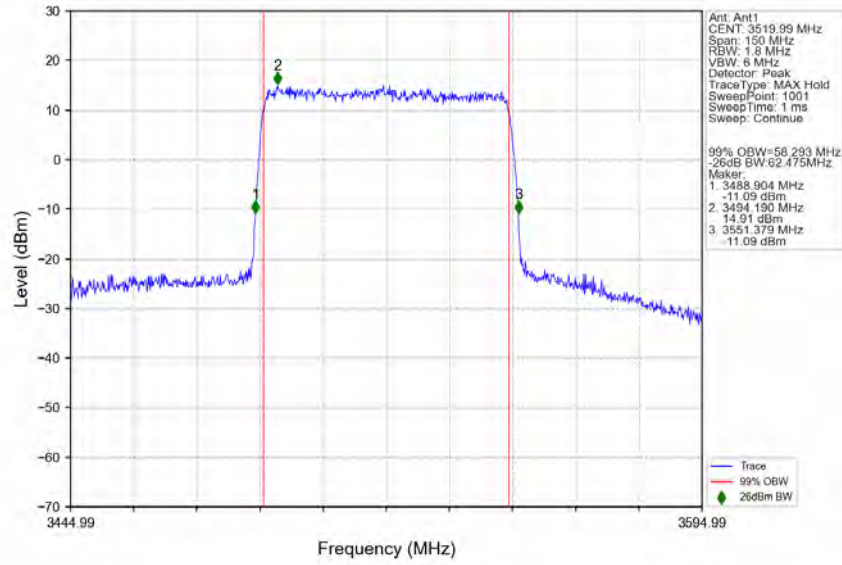
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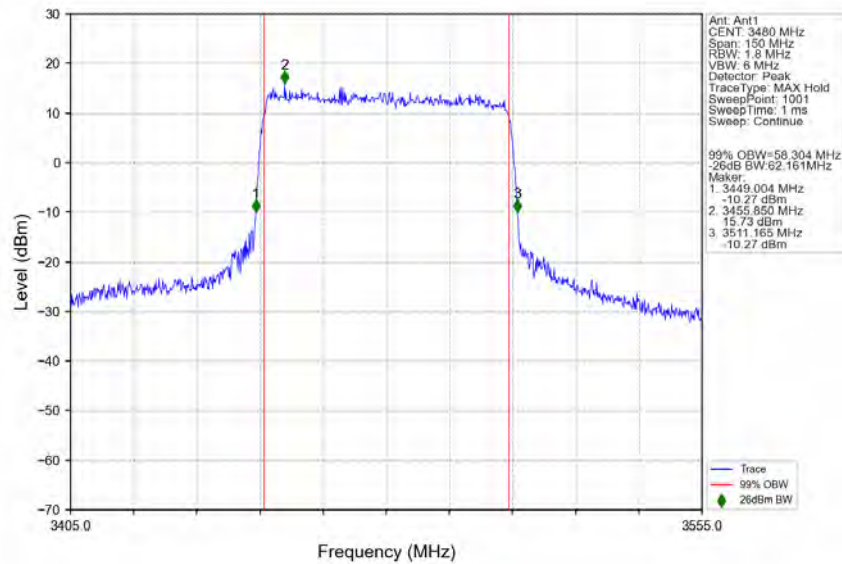
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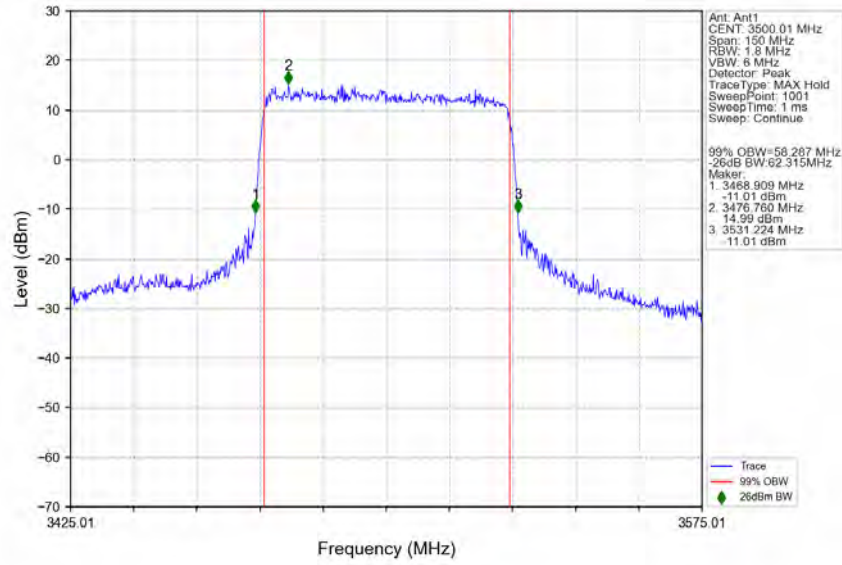
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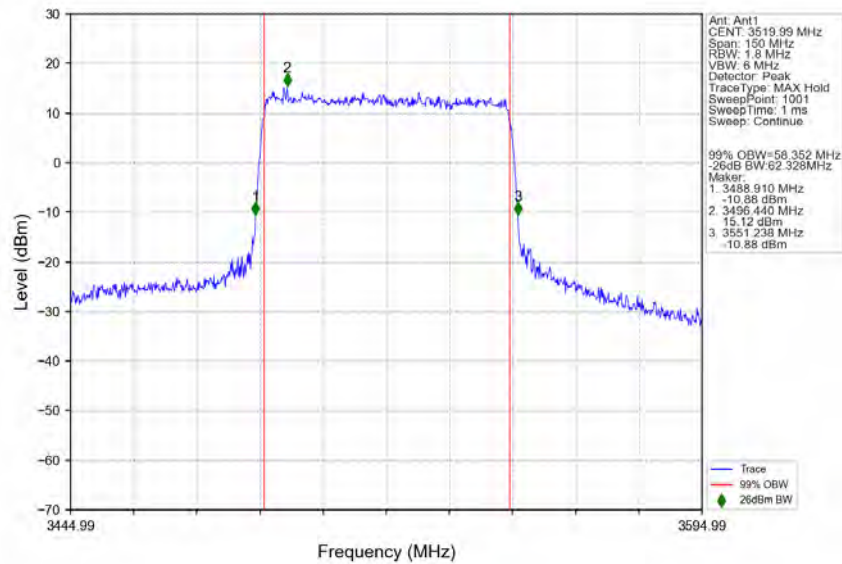
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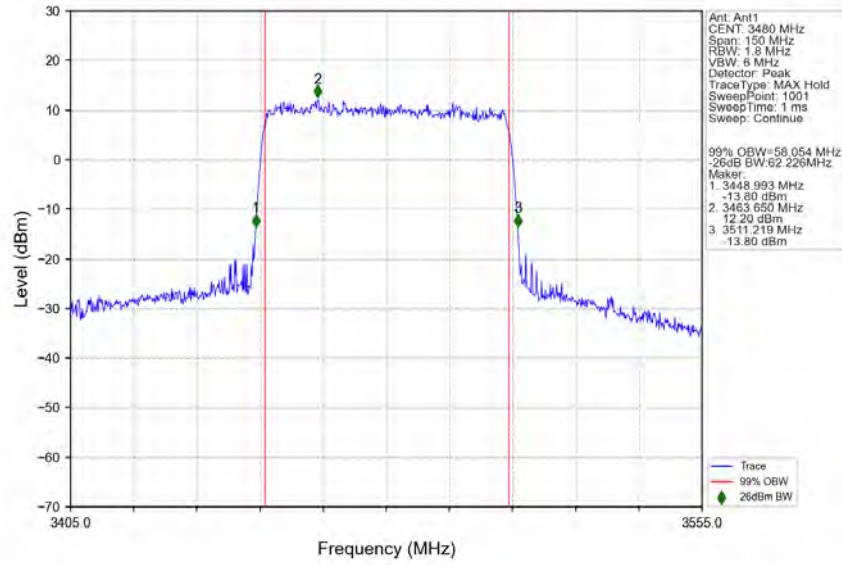
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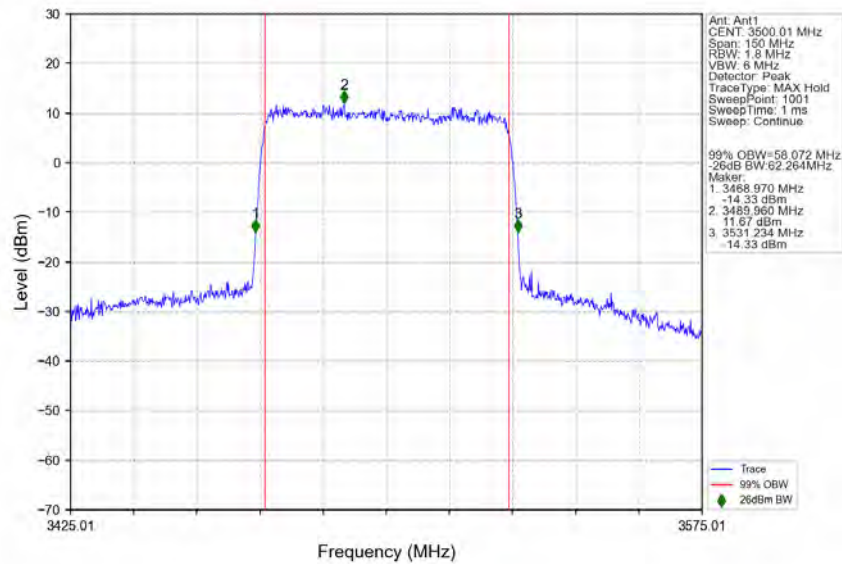
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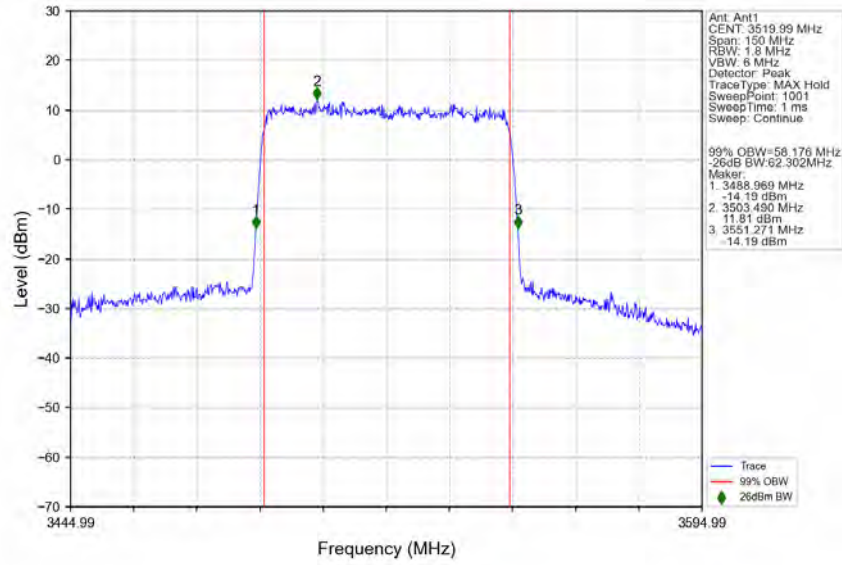
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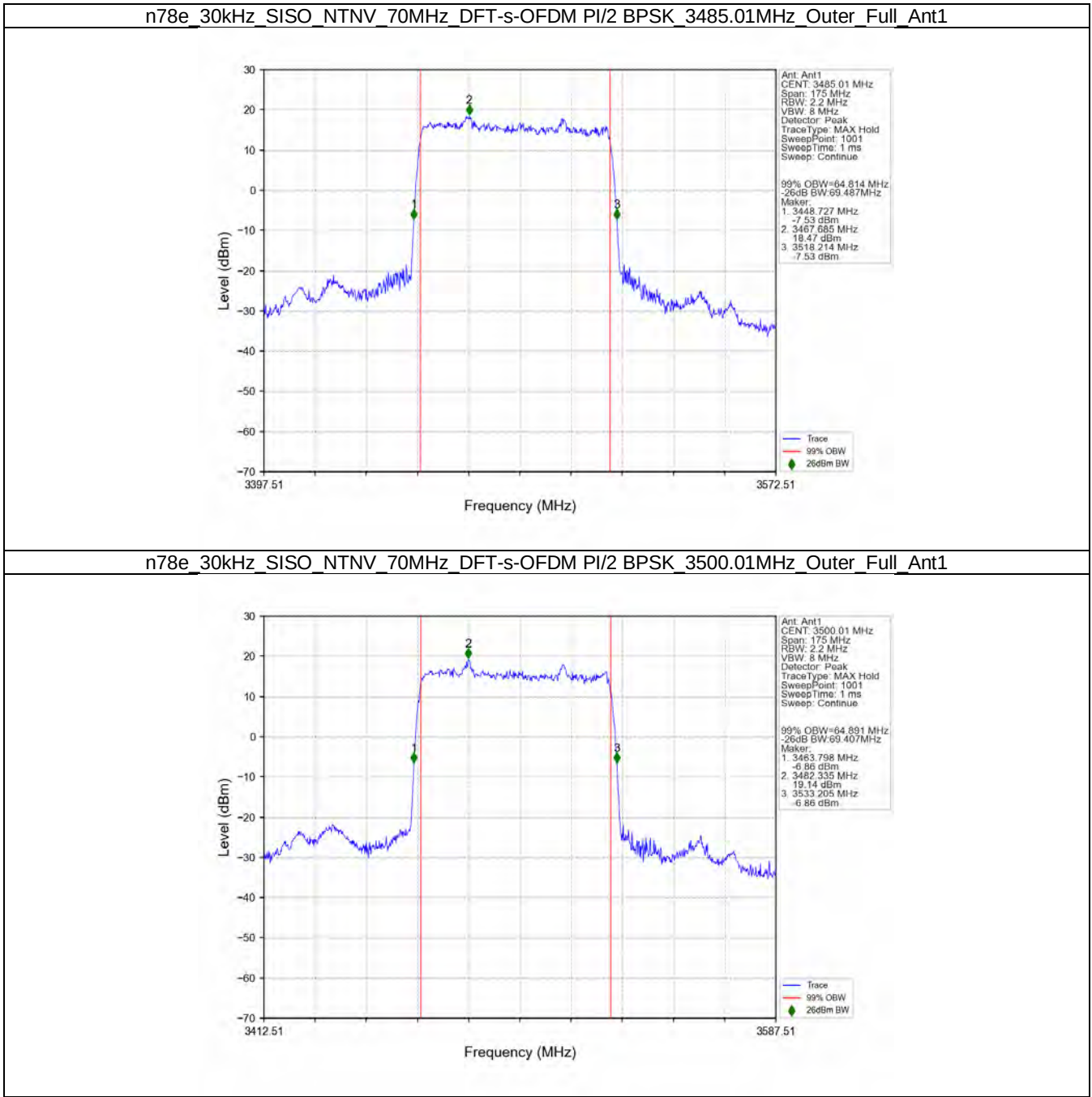
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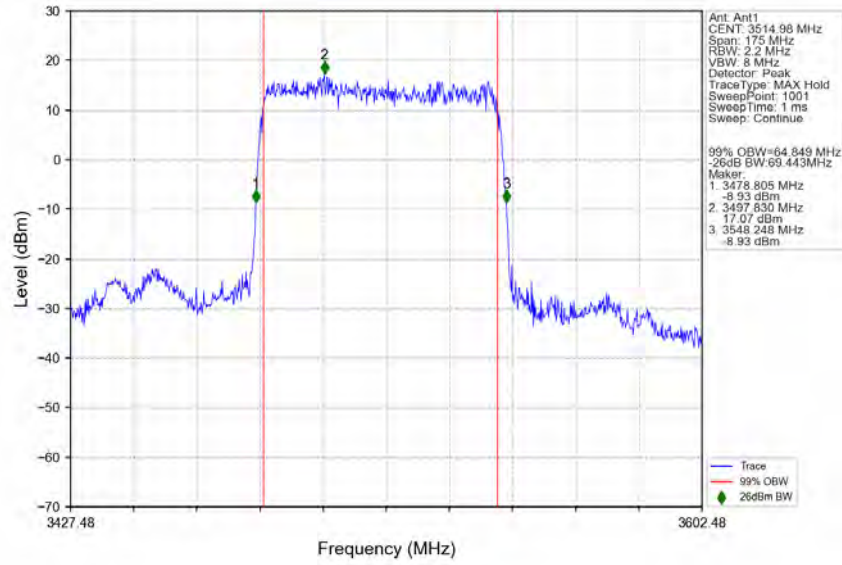
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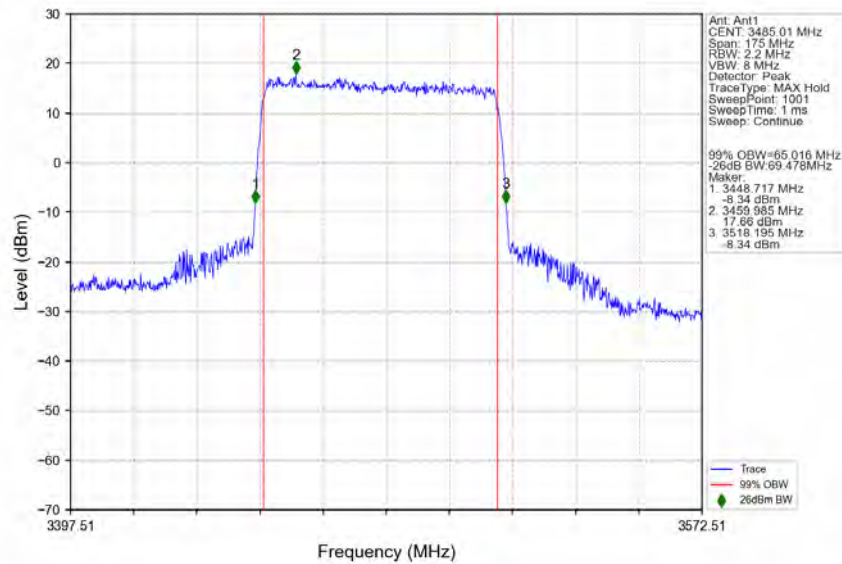
3.2.6 30k_SISO_70MHz_NTNV



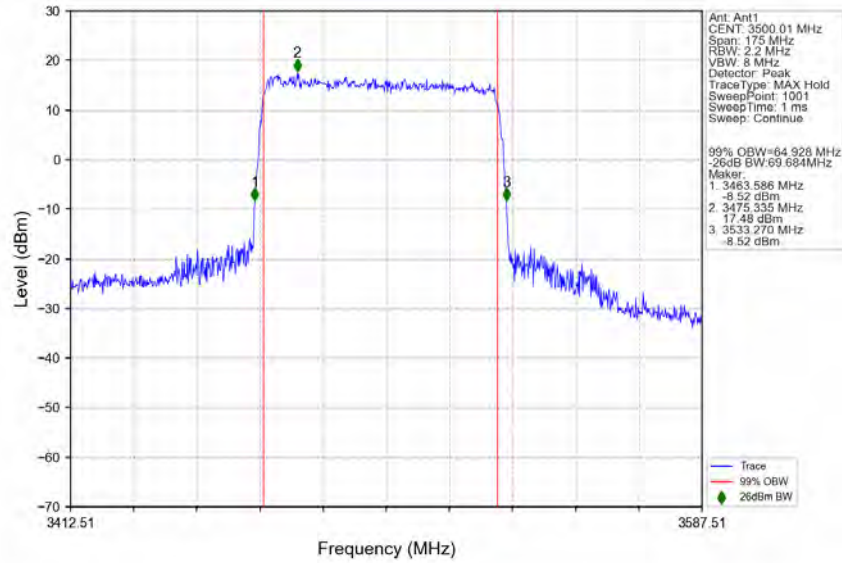
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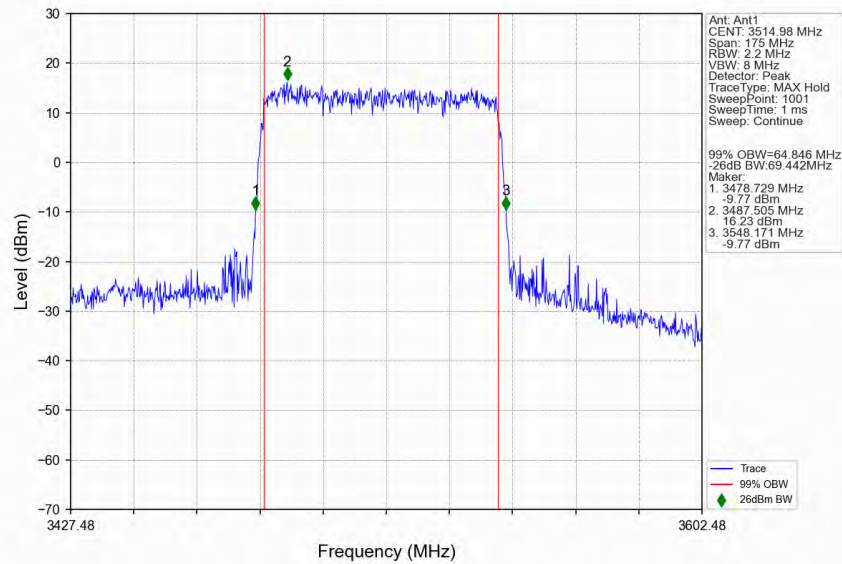
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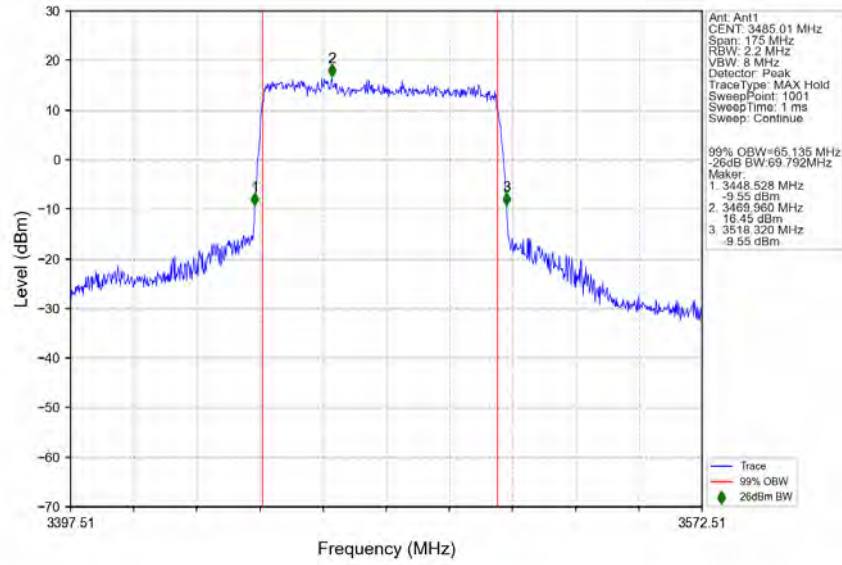
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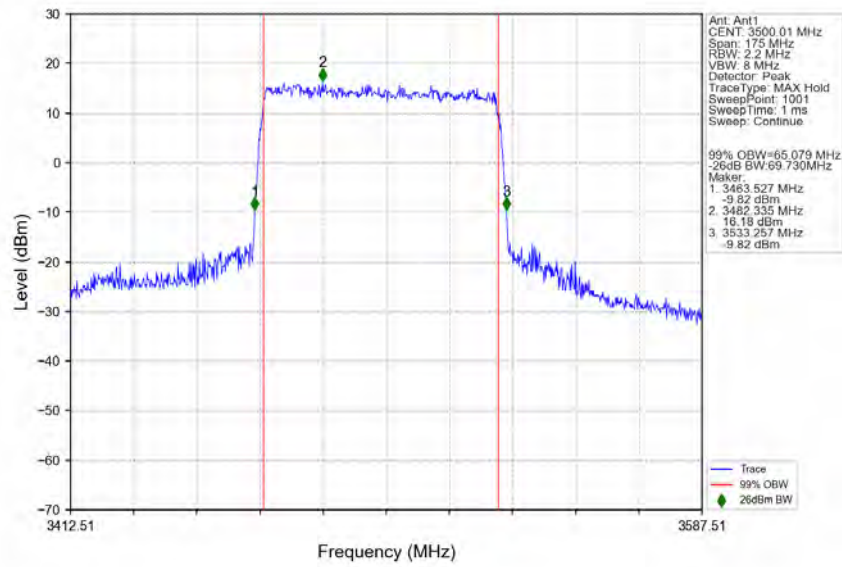
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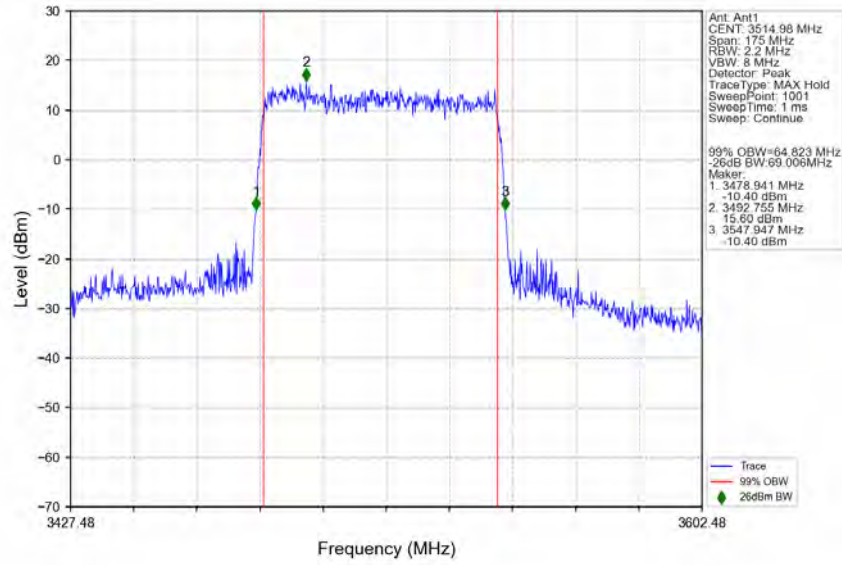
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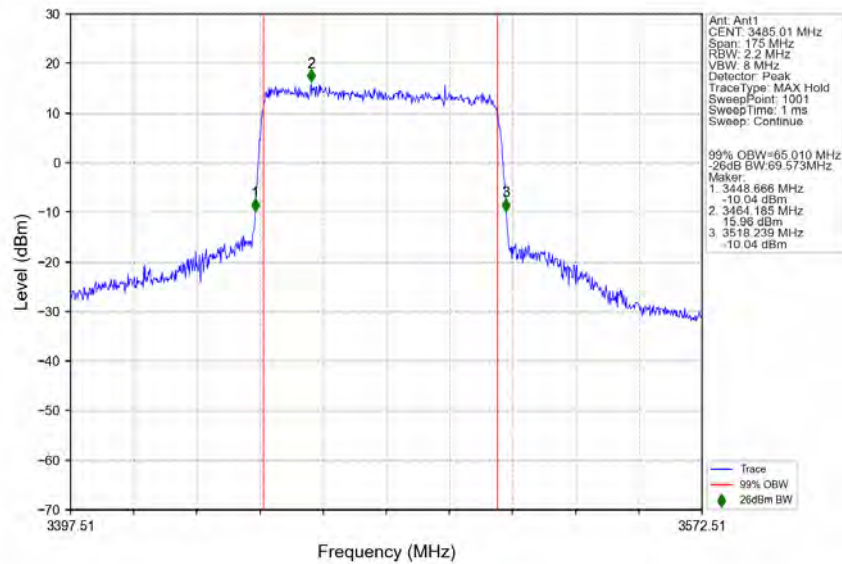
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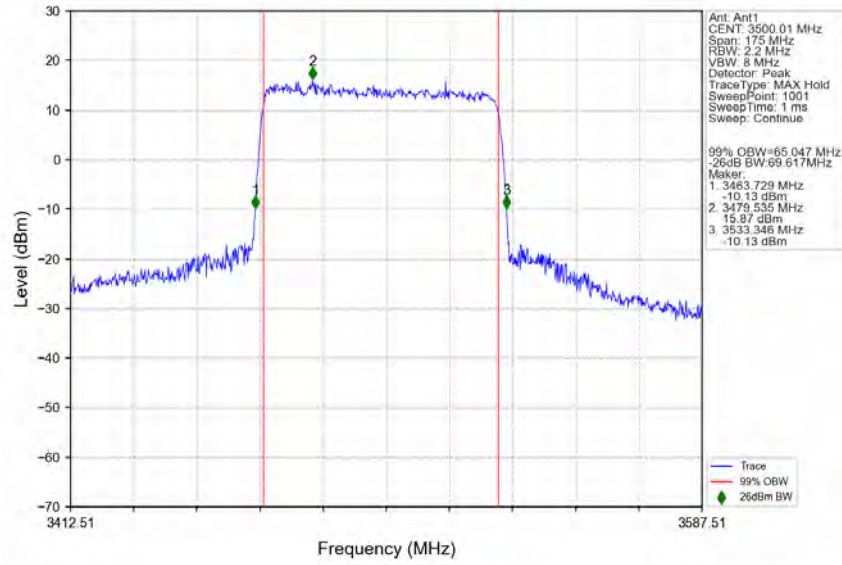
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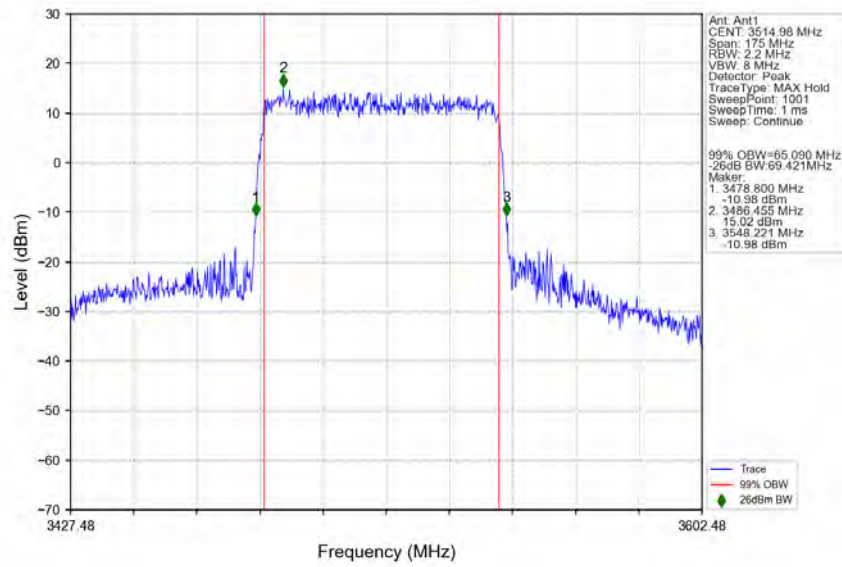
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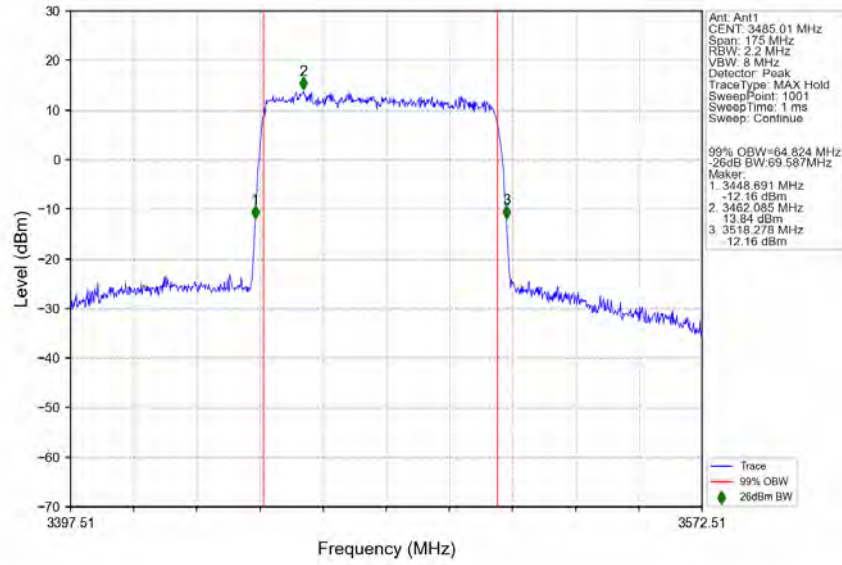
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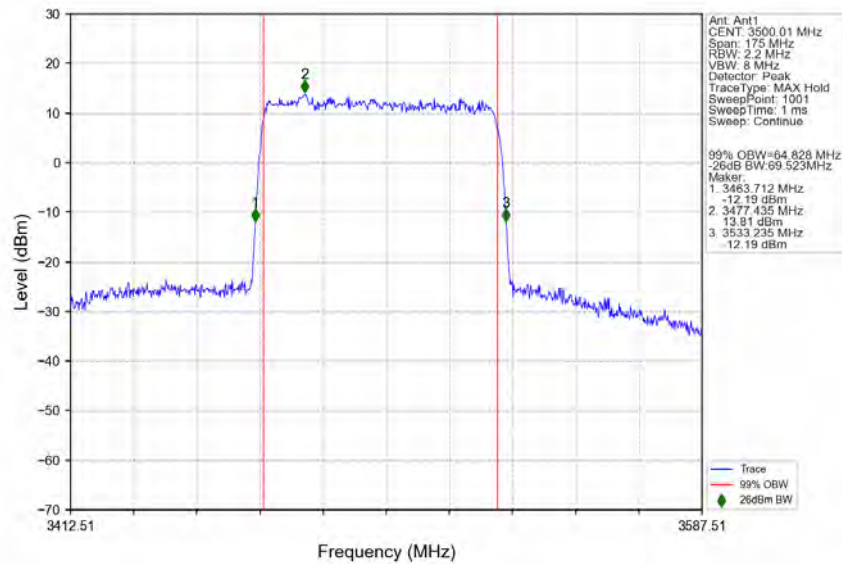
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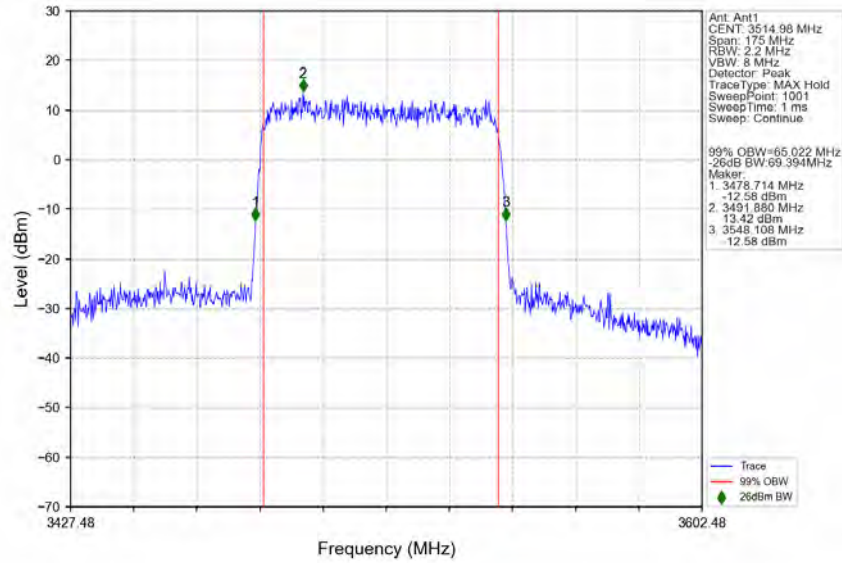
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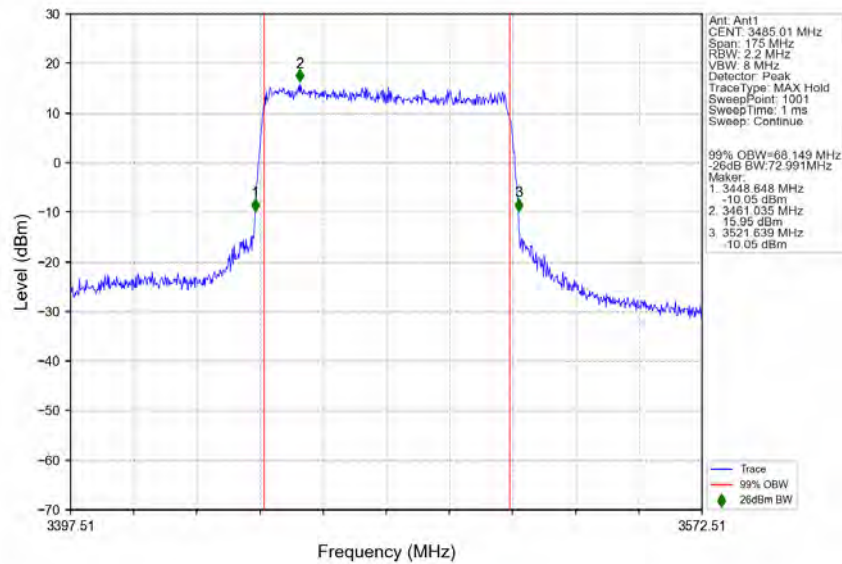
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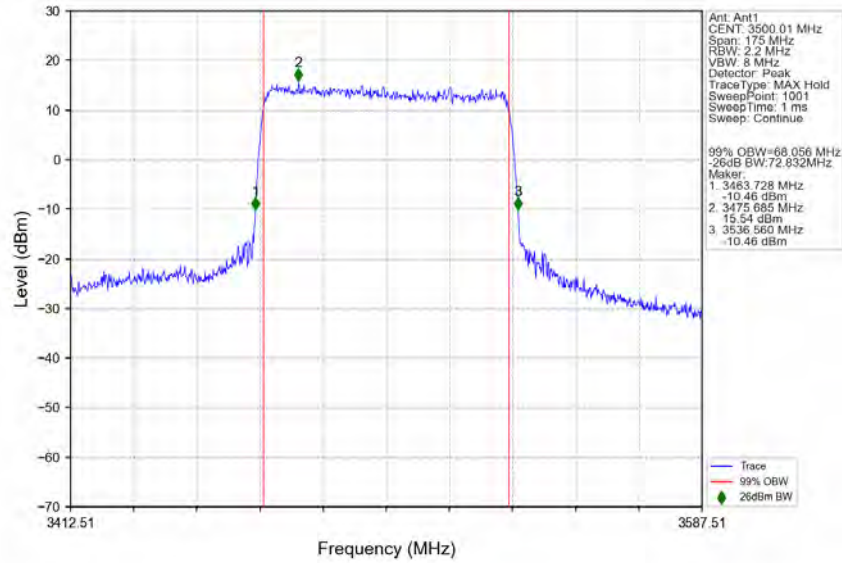
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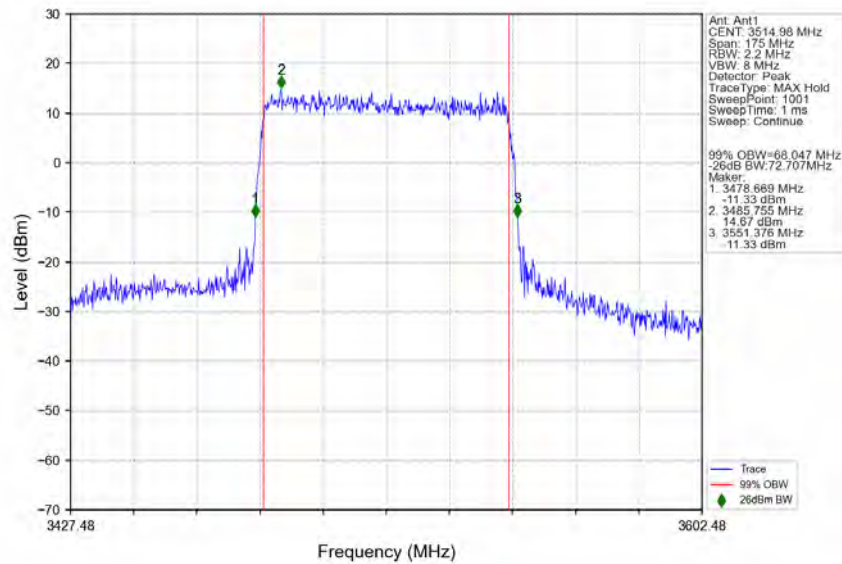
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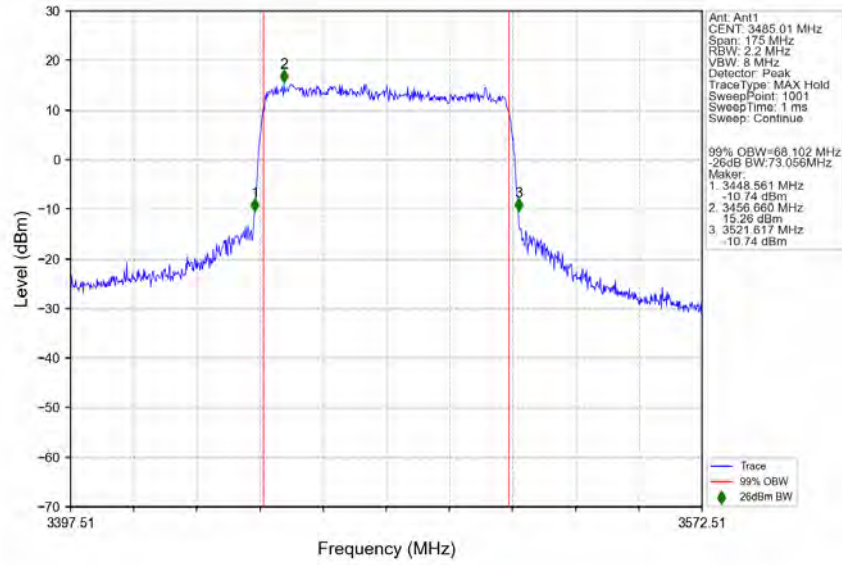
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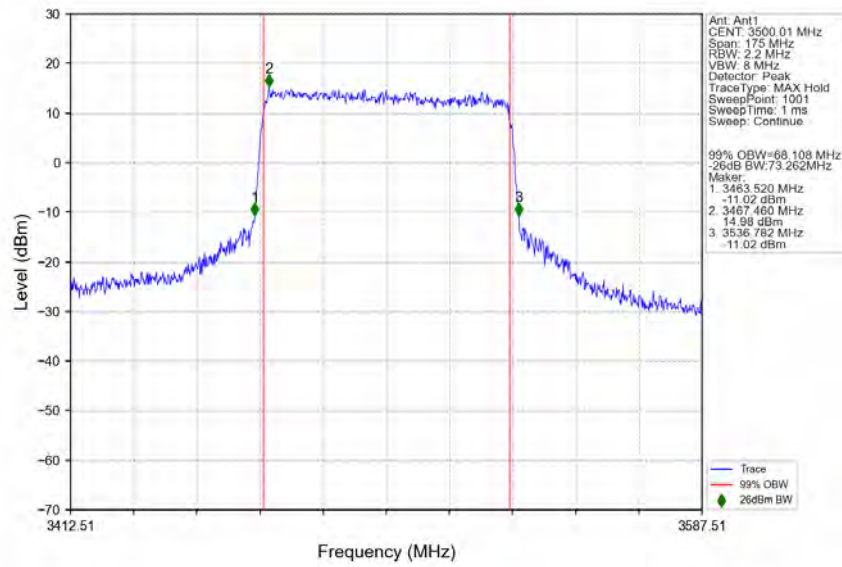
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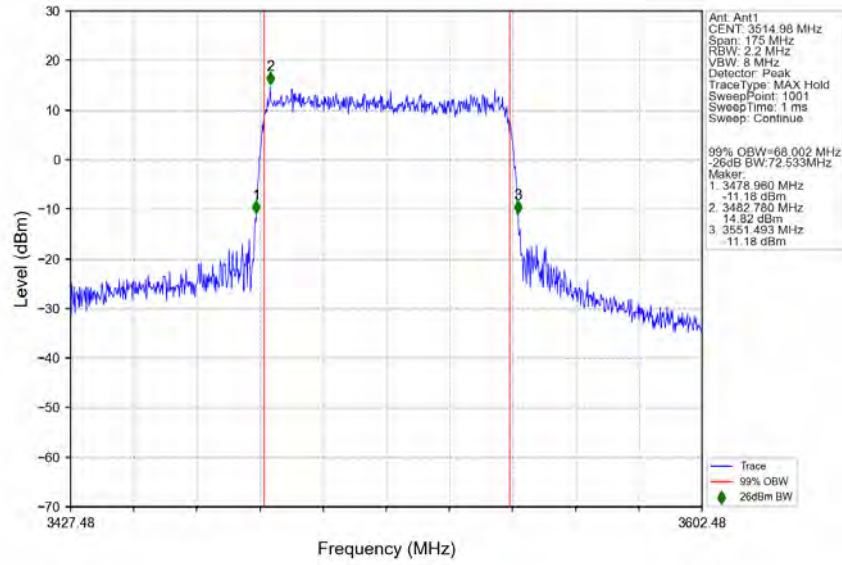
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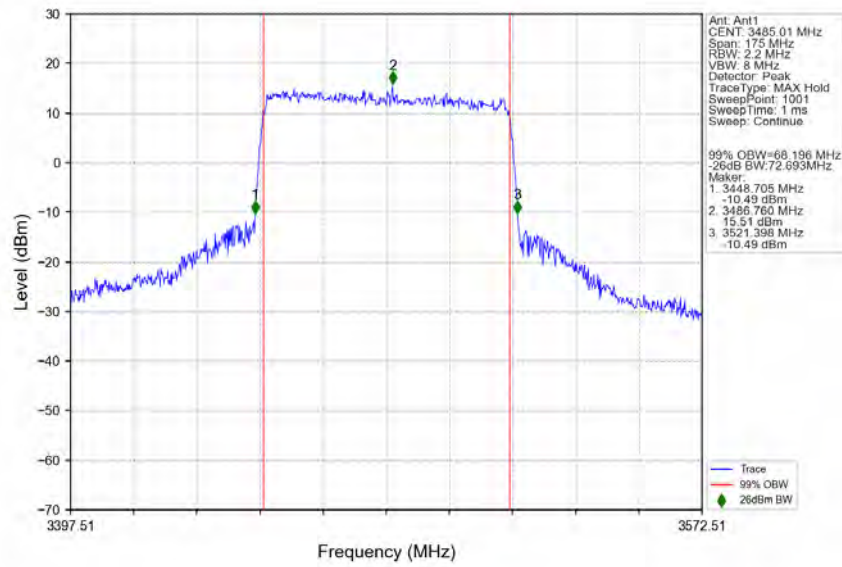
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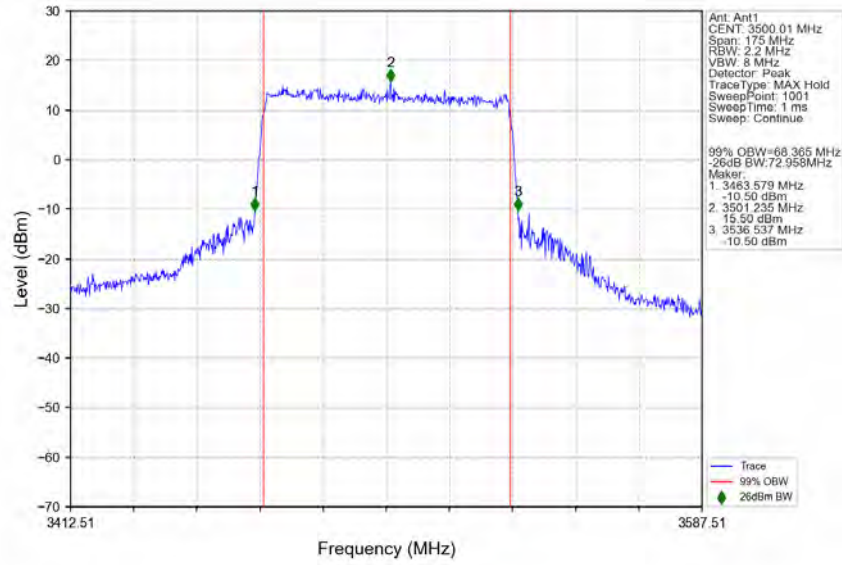
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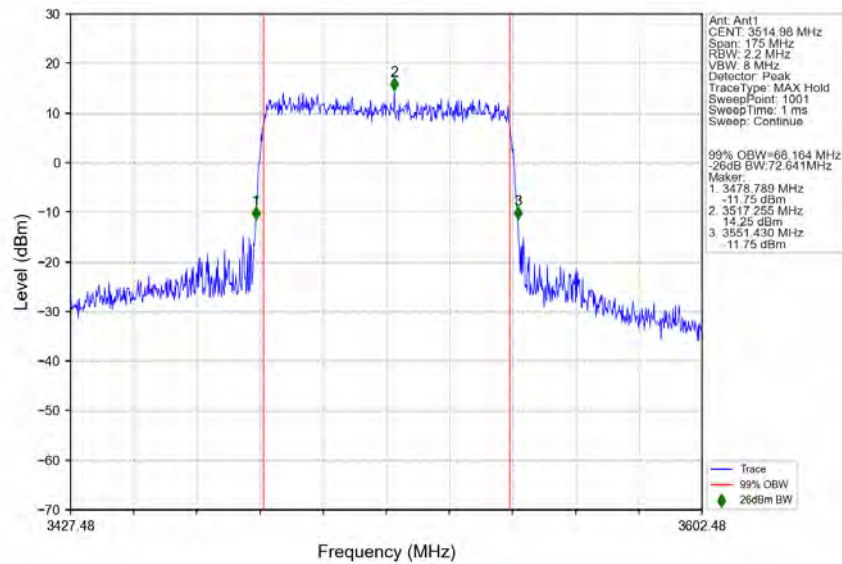
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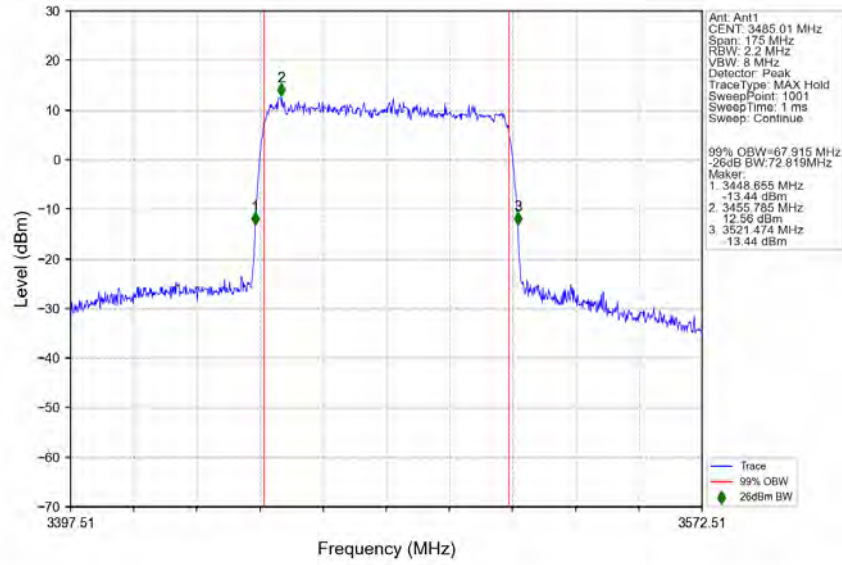
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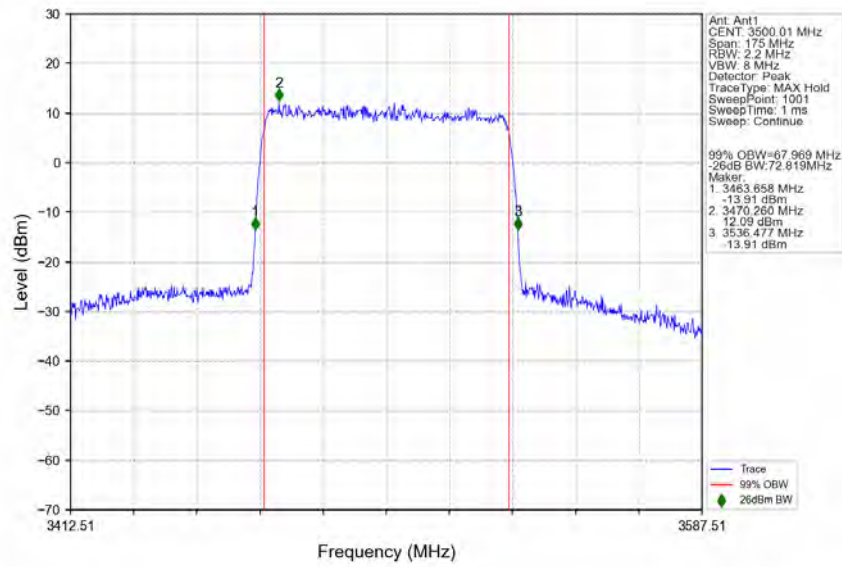
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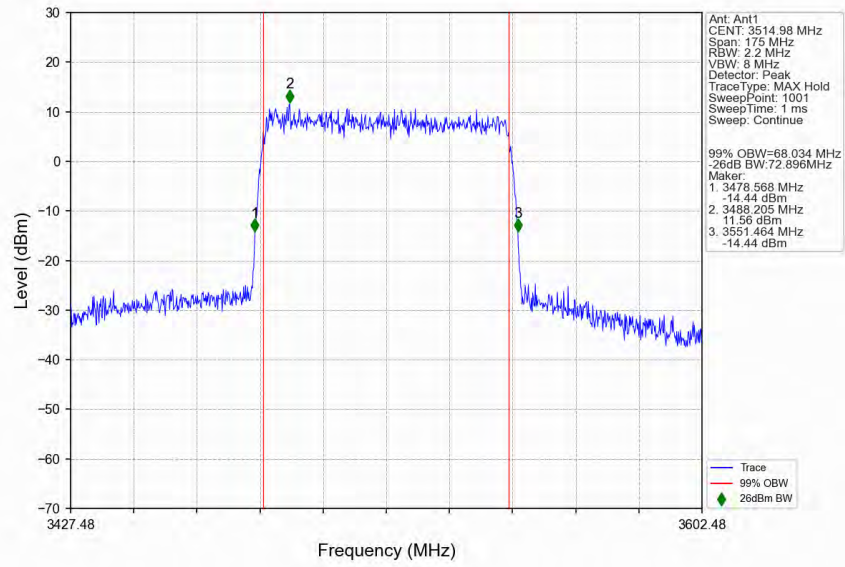
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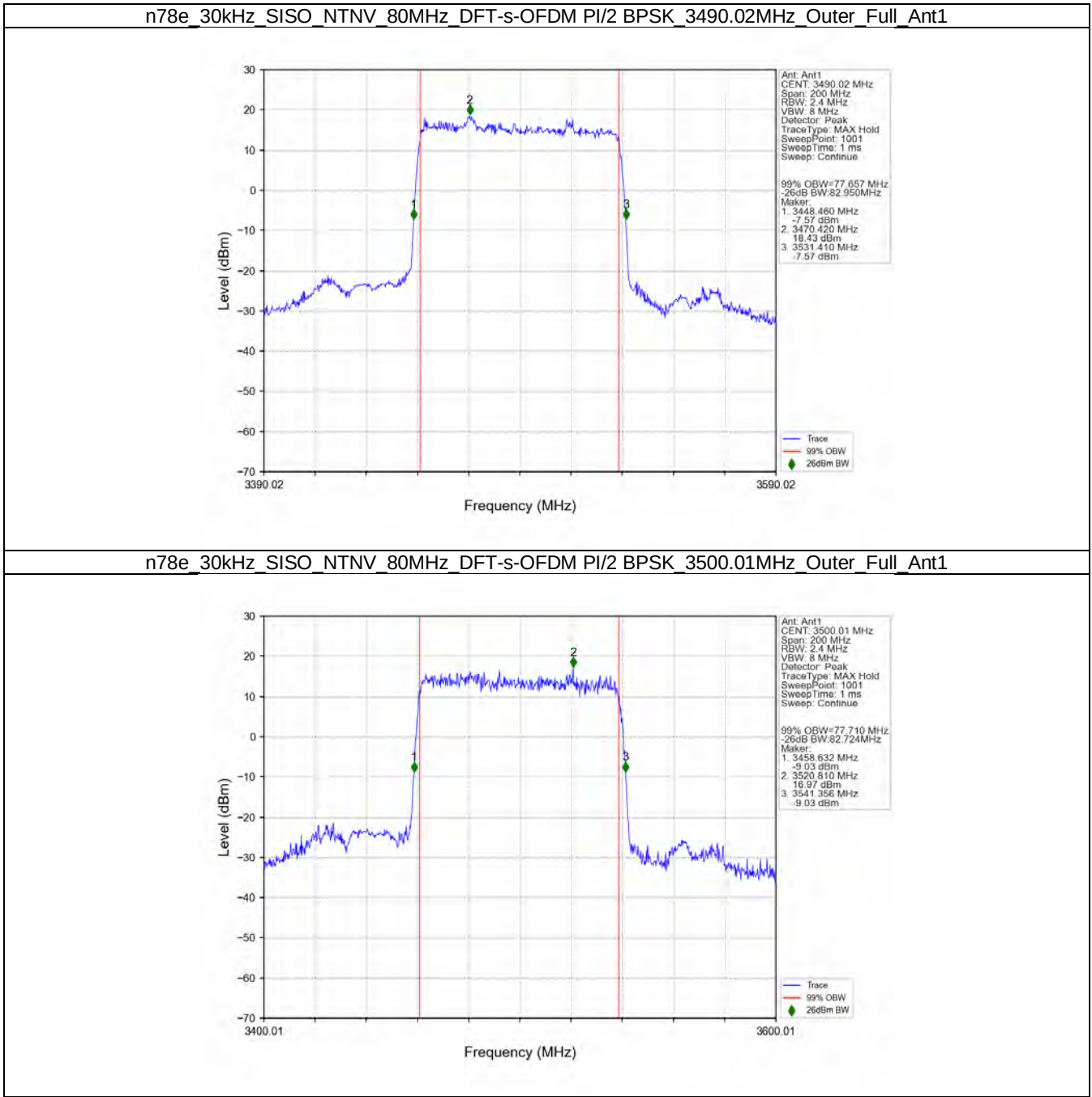
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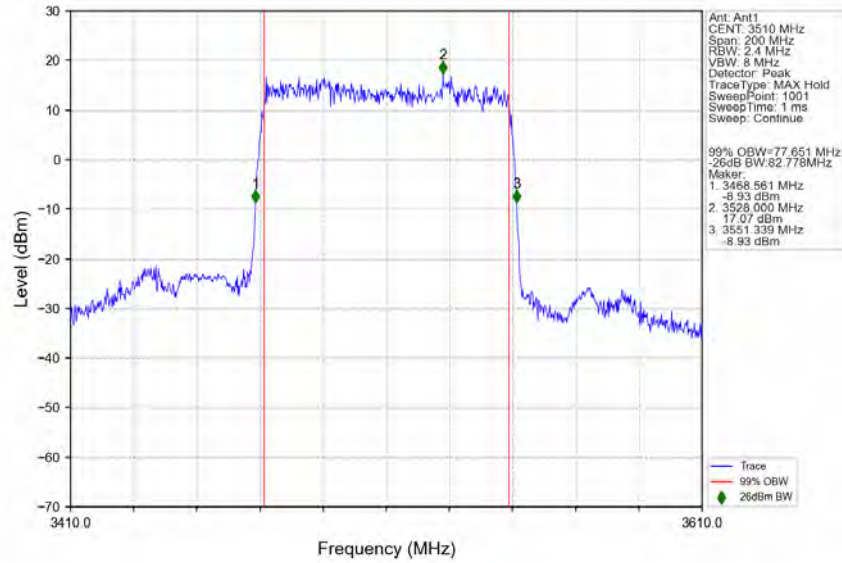
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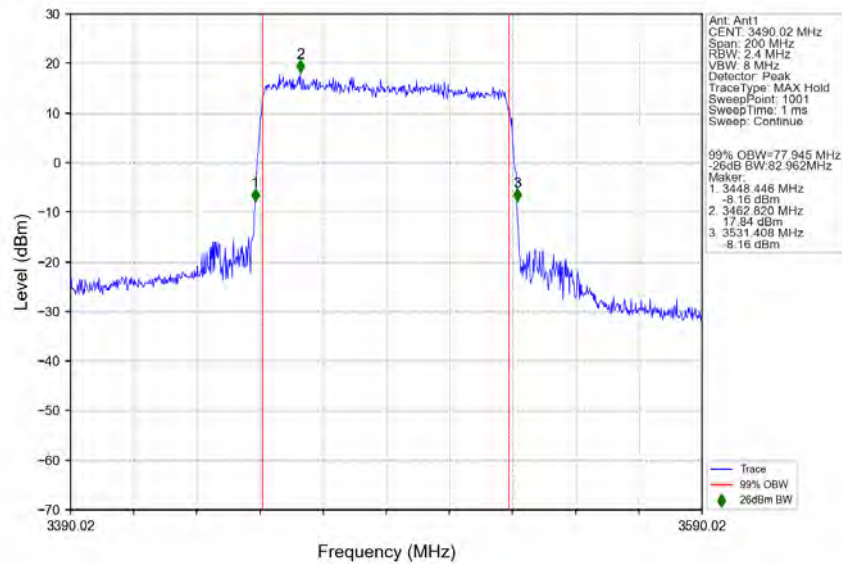
3.2.7 30k_SISO_80MHz_NTNV



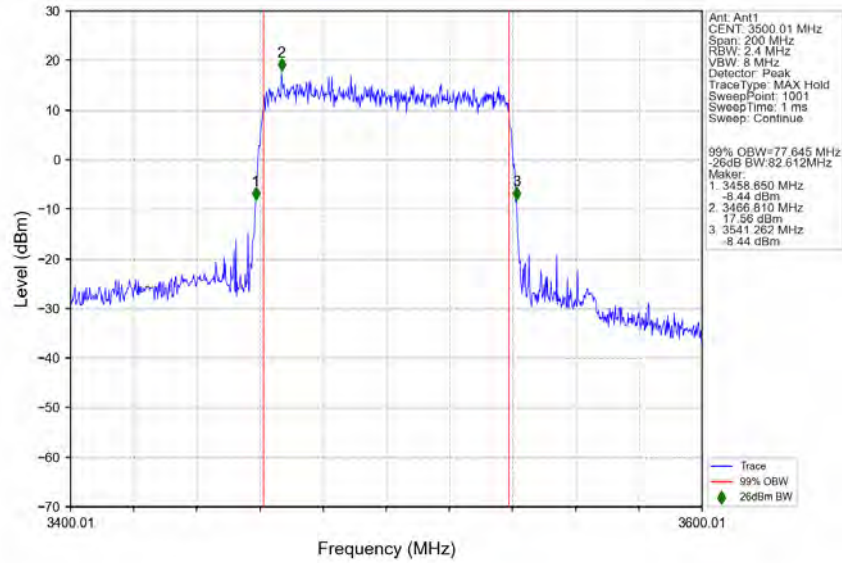
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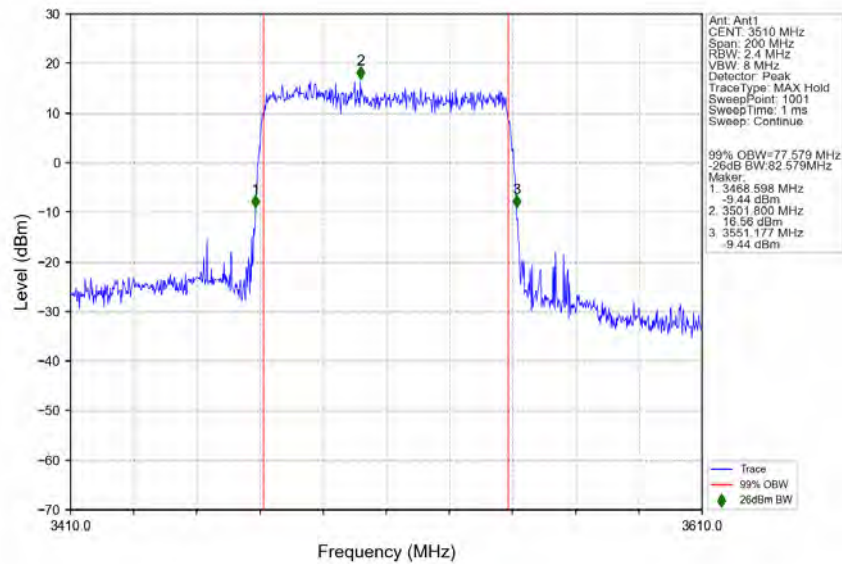
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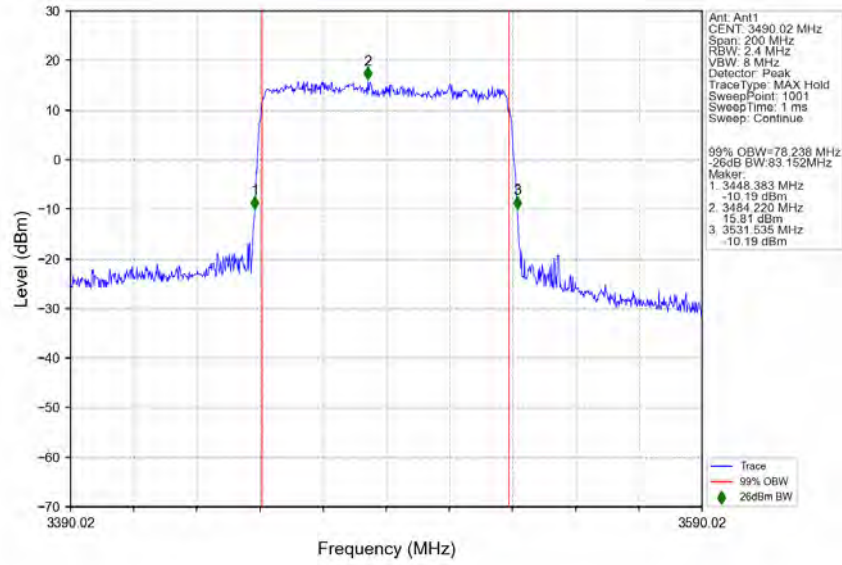
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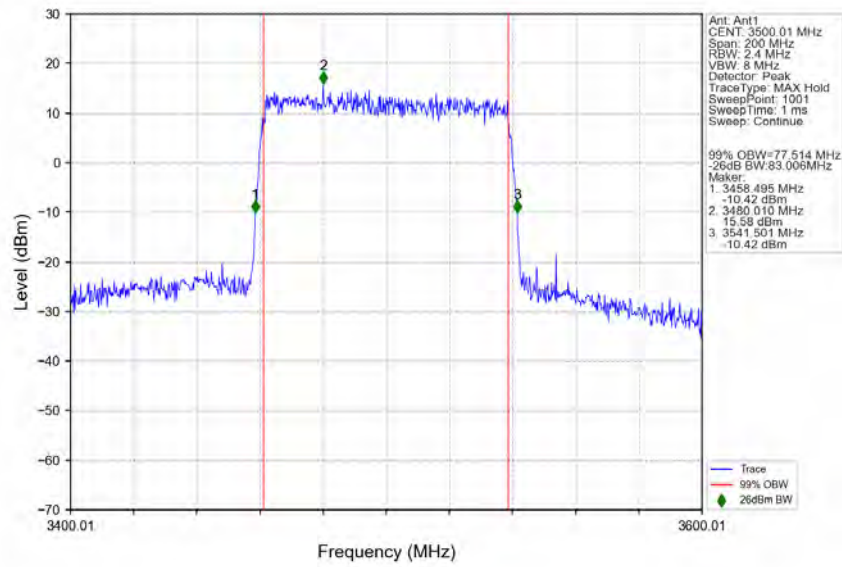
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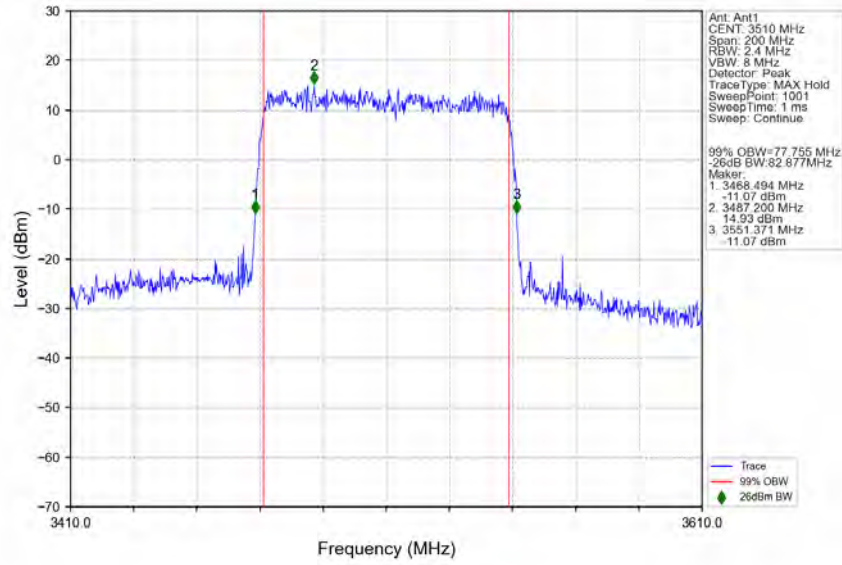
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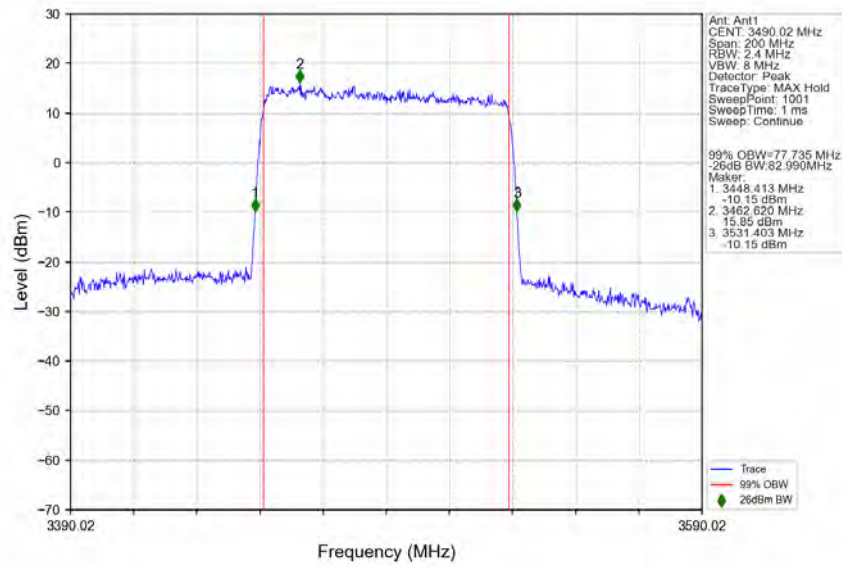
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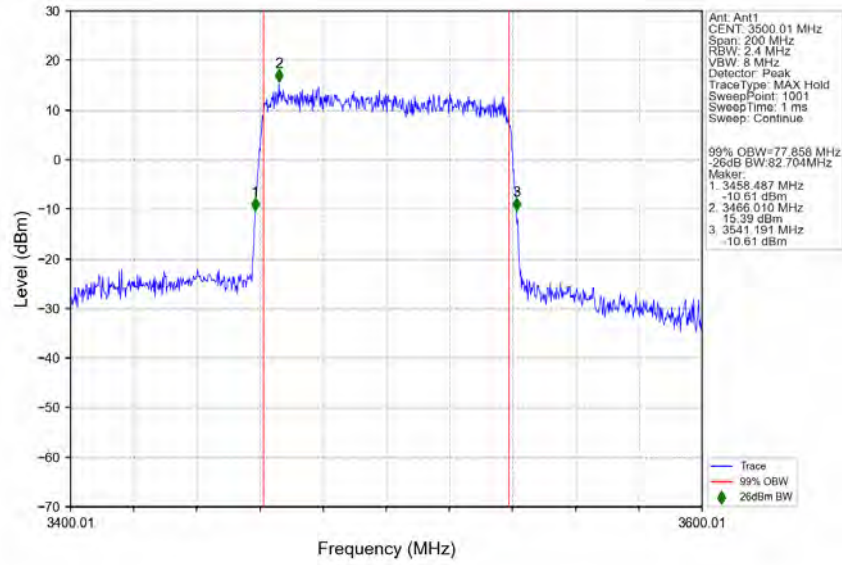
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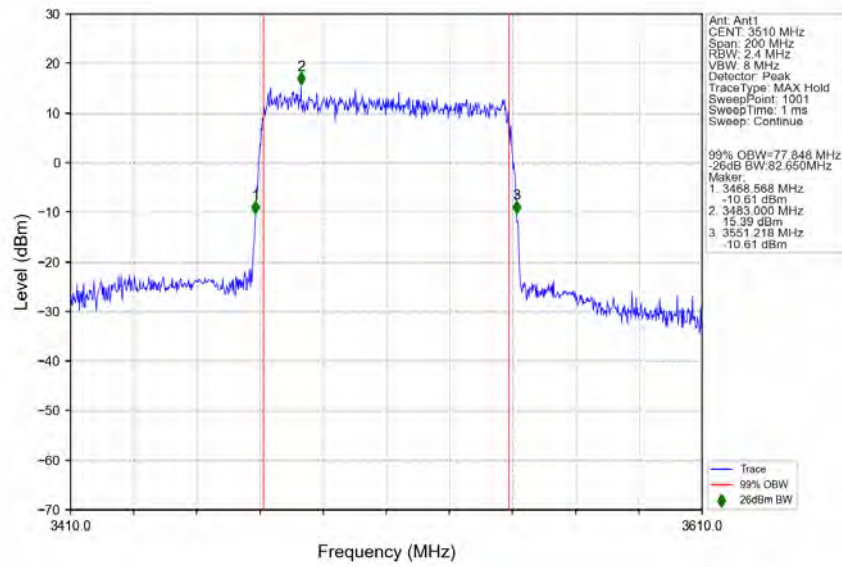
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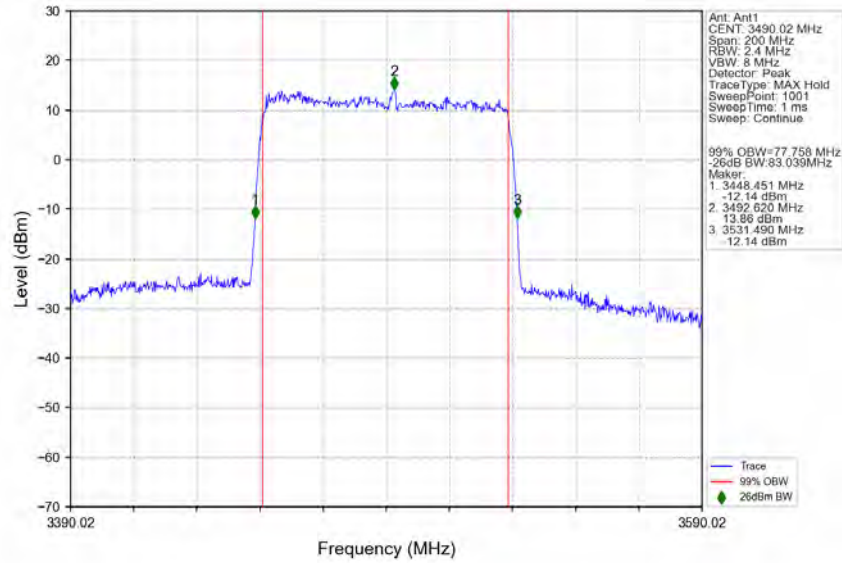
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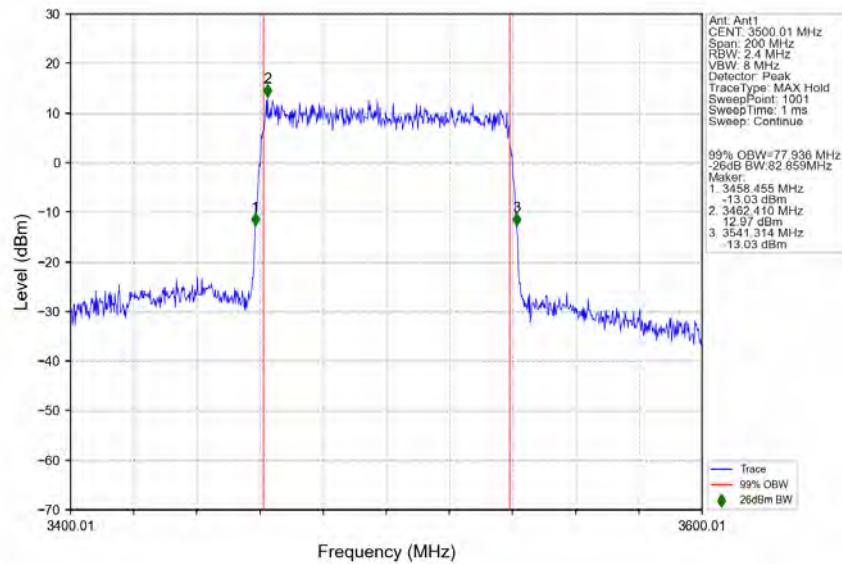
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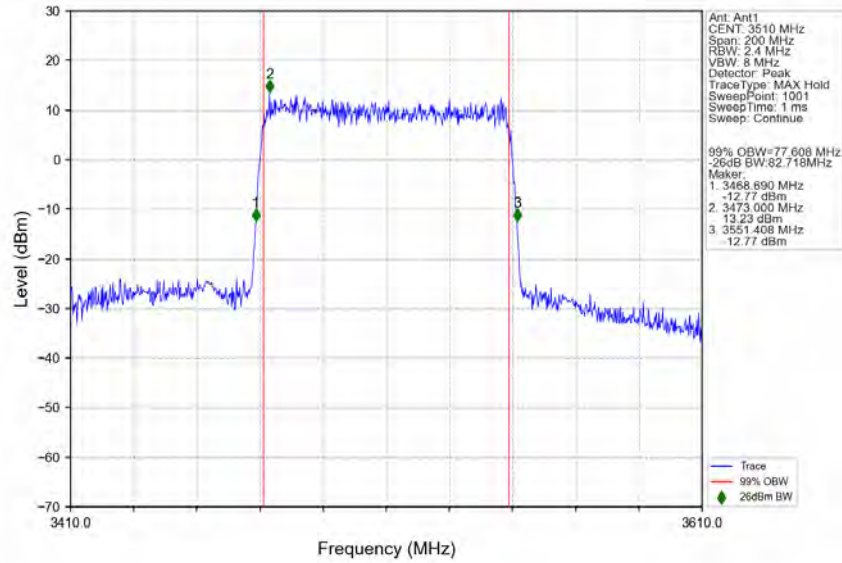
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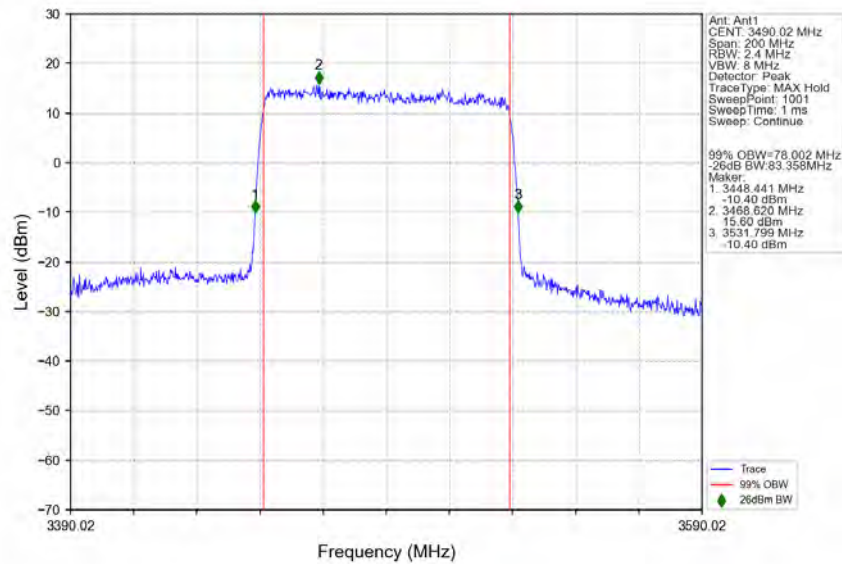
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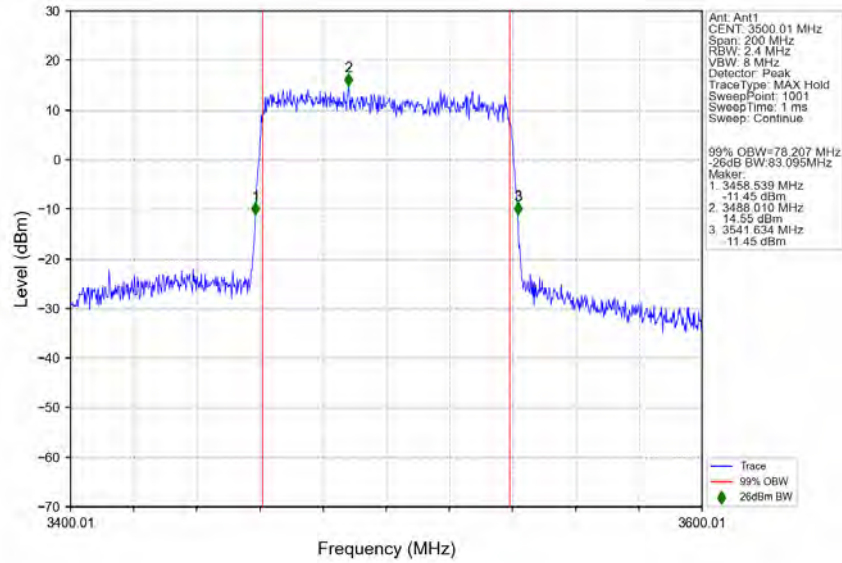
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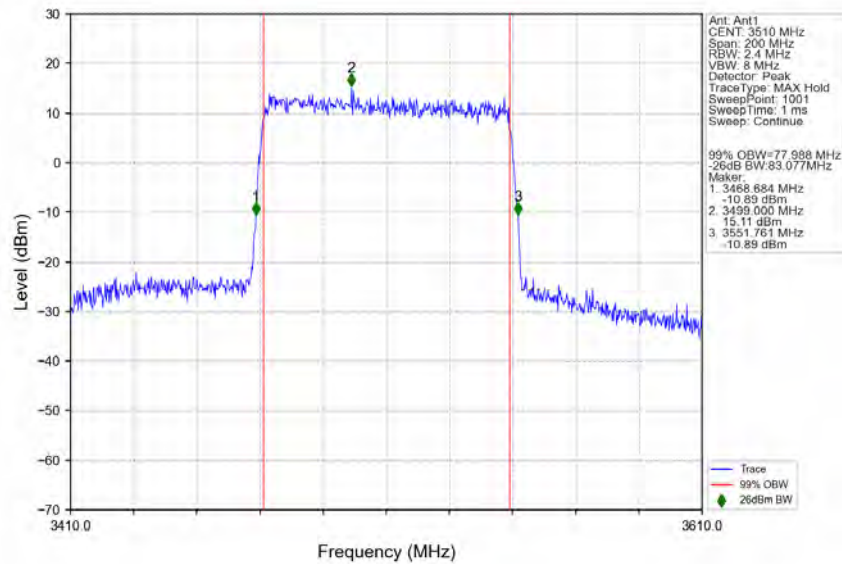
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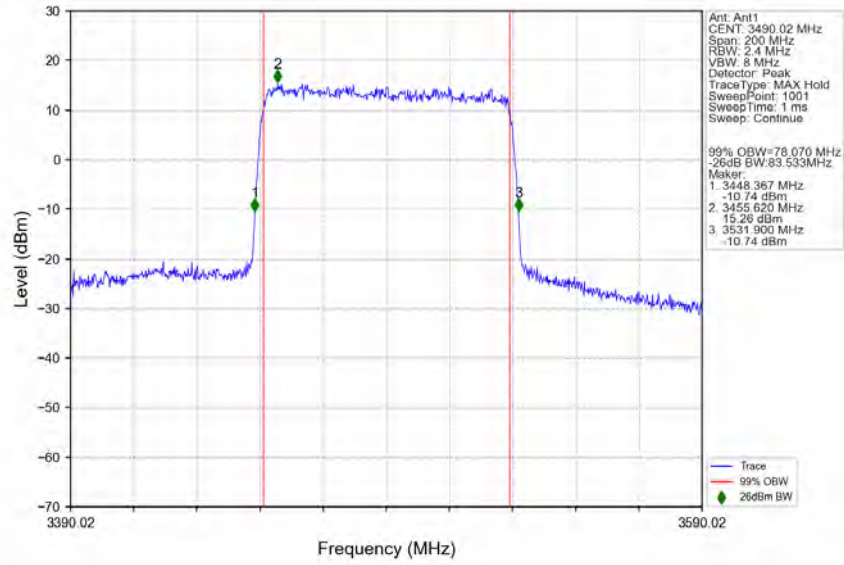
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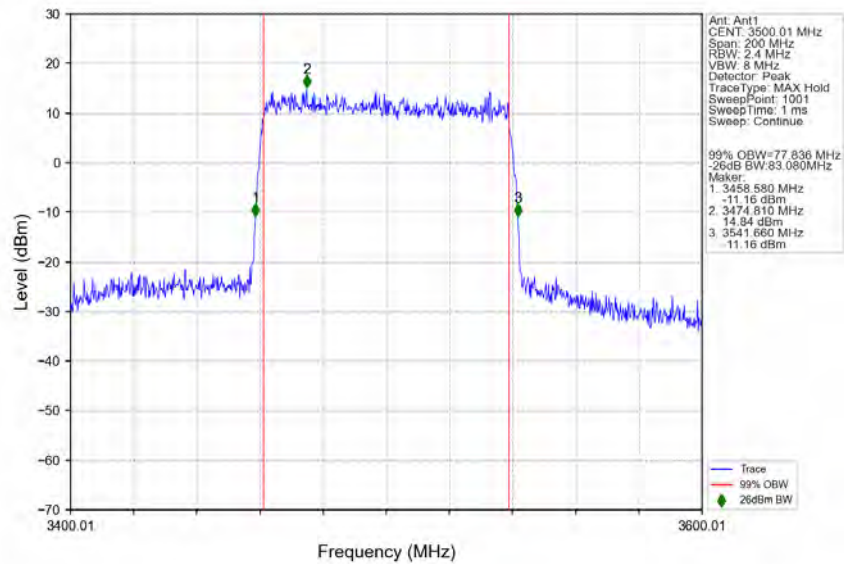
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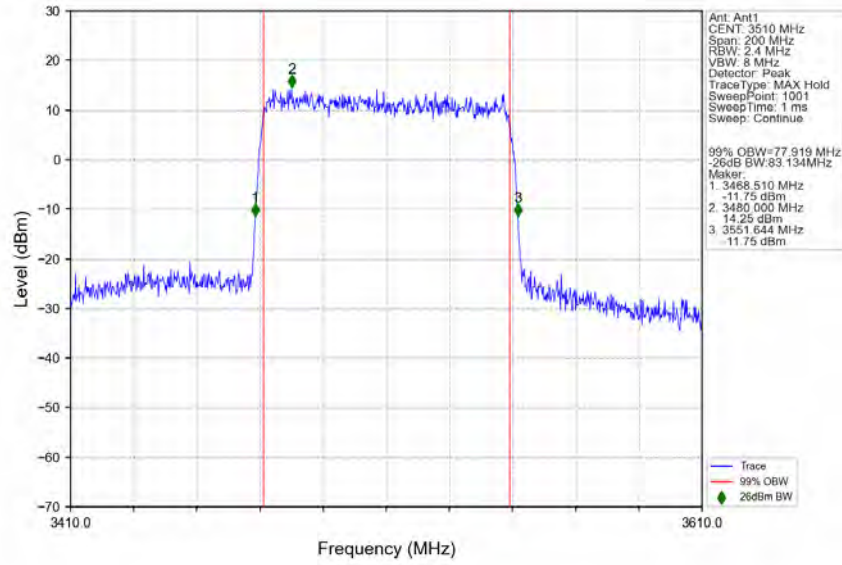
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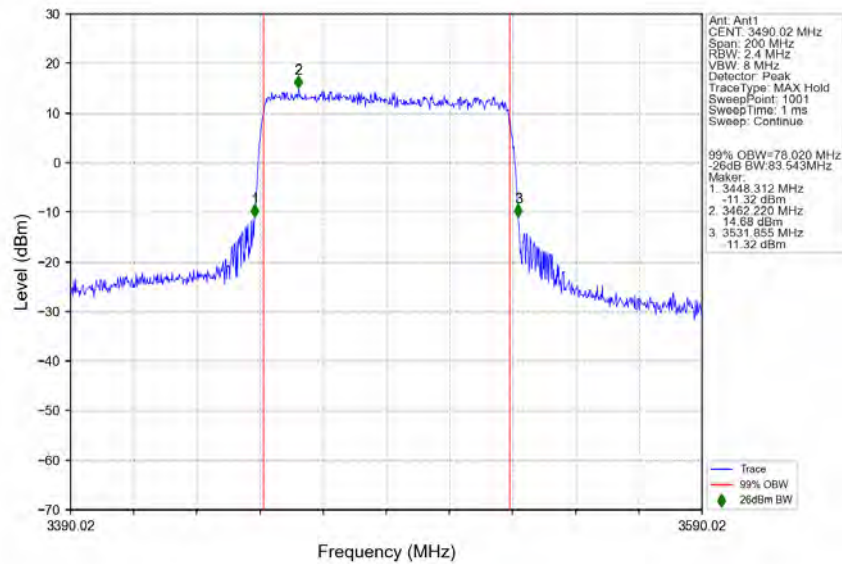
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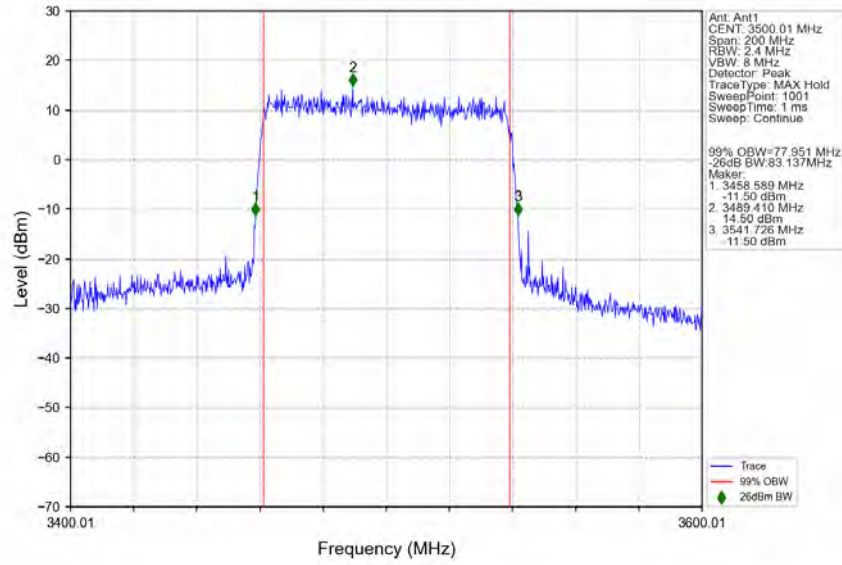
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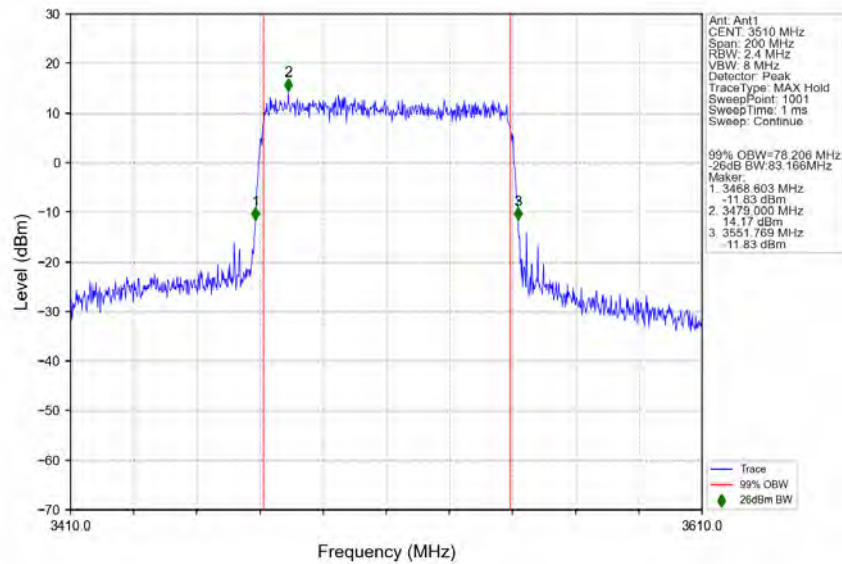
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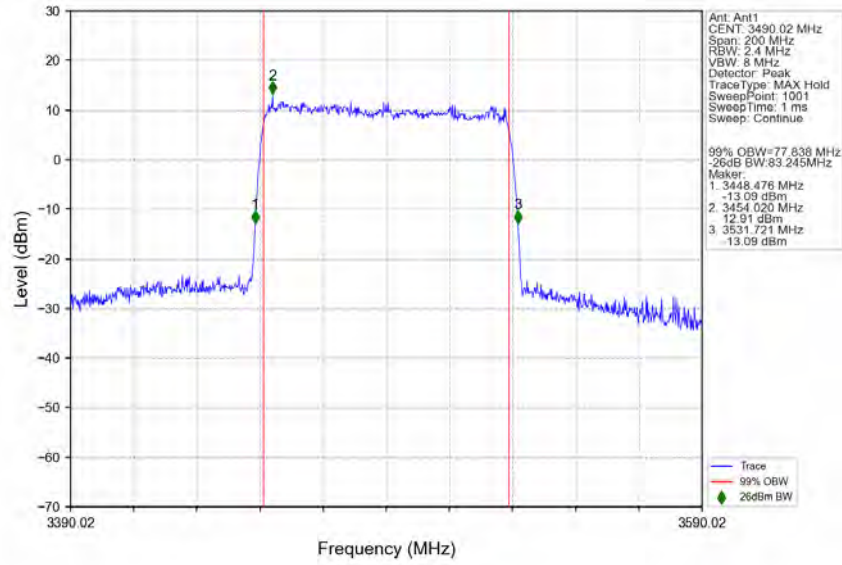
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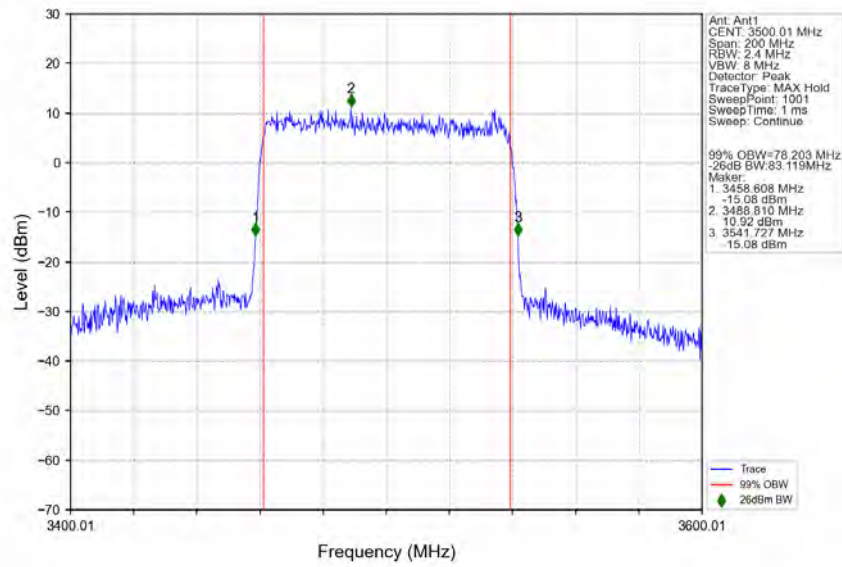
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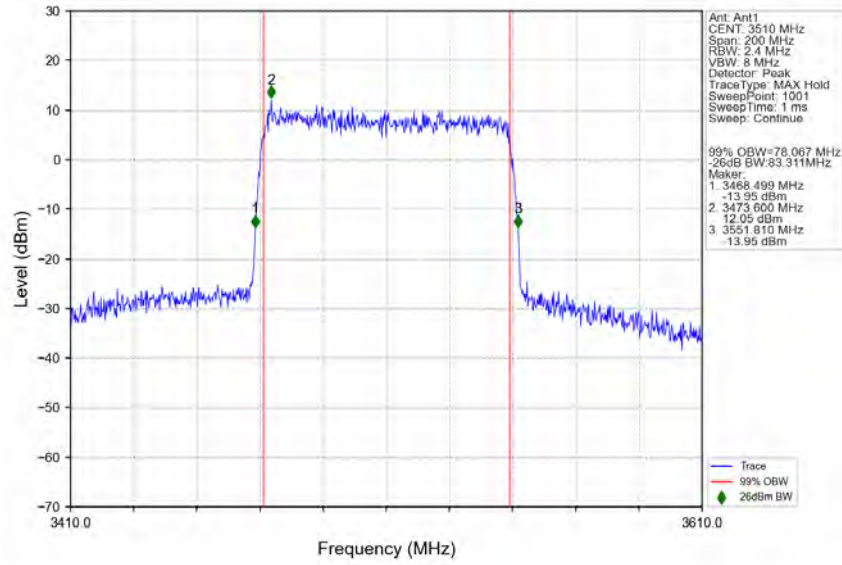
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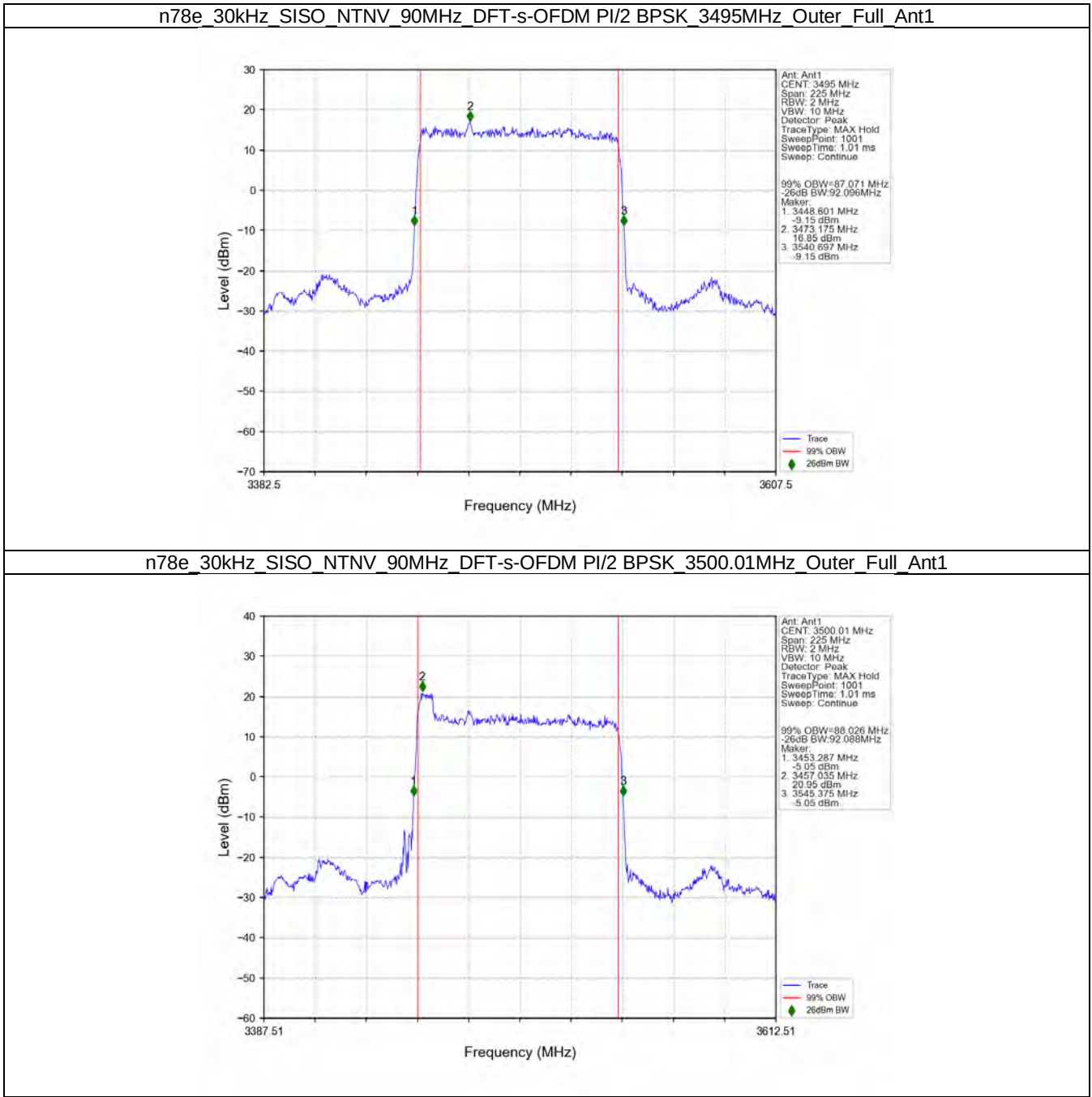
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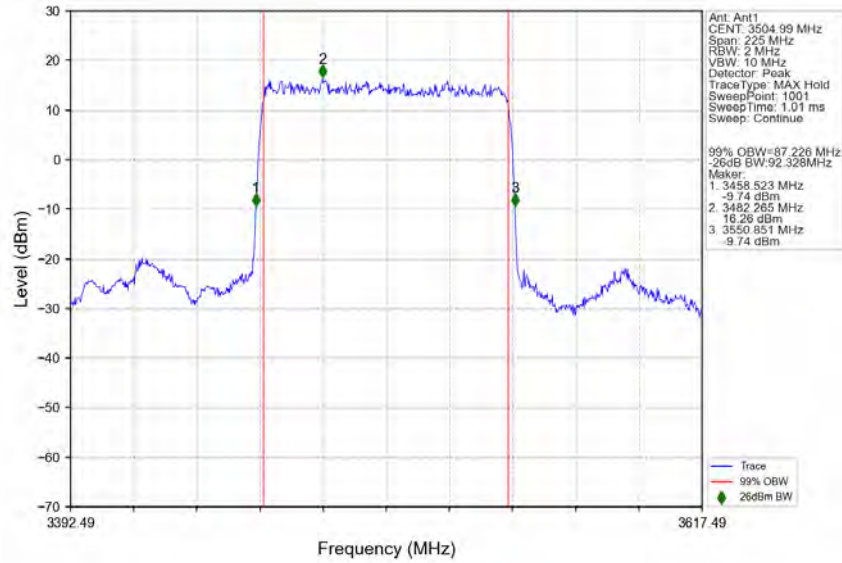
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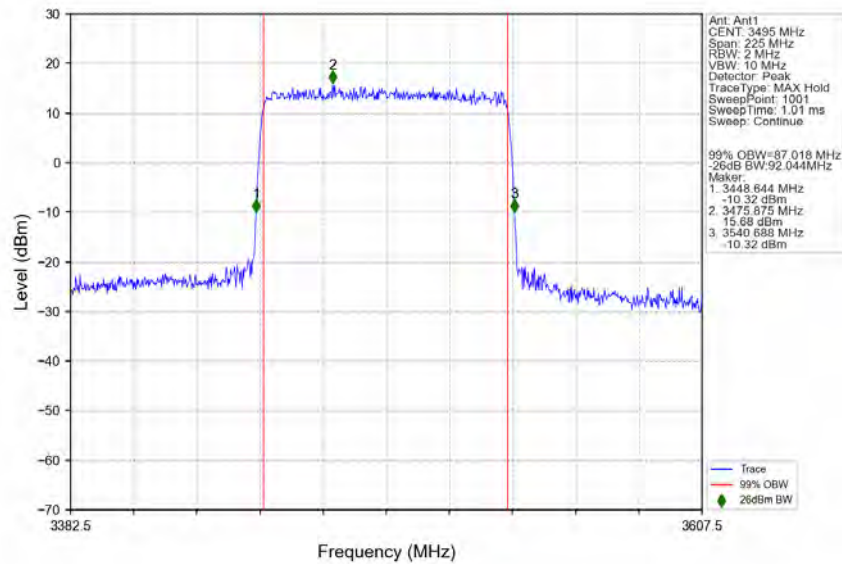
3.2.8 30k_SISO_90MHz_NTNV



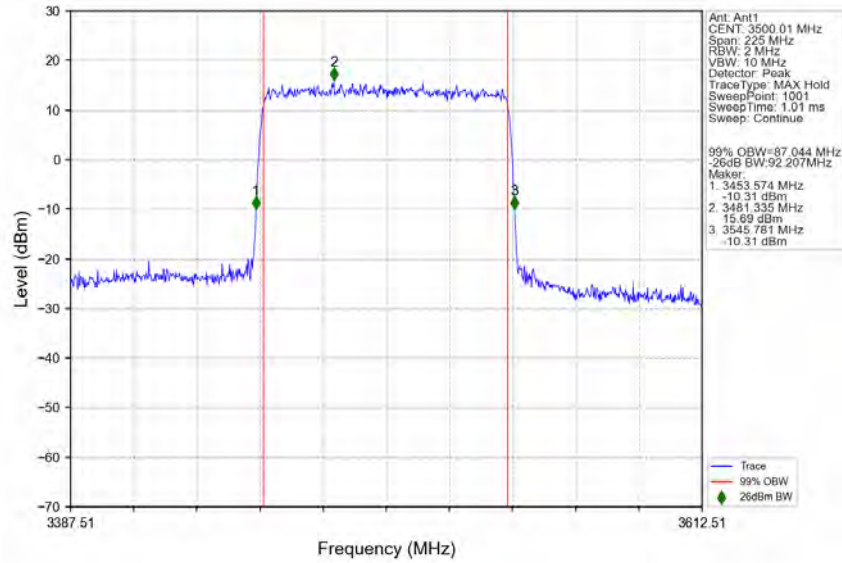
n78e 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3504.99MHz Outer Full Ant1



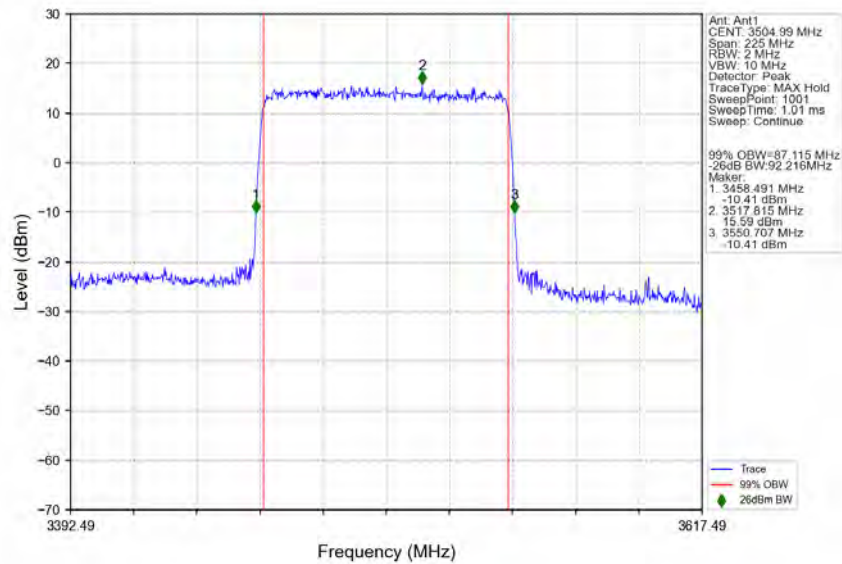
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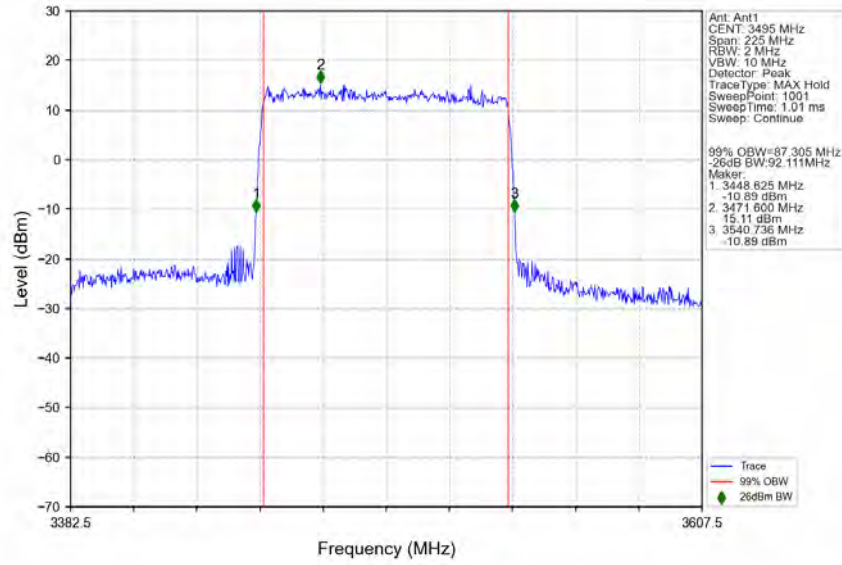
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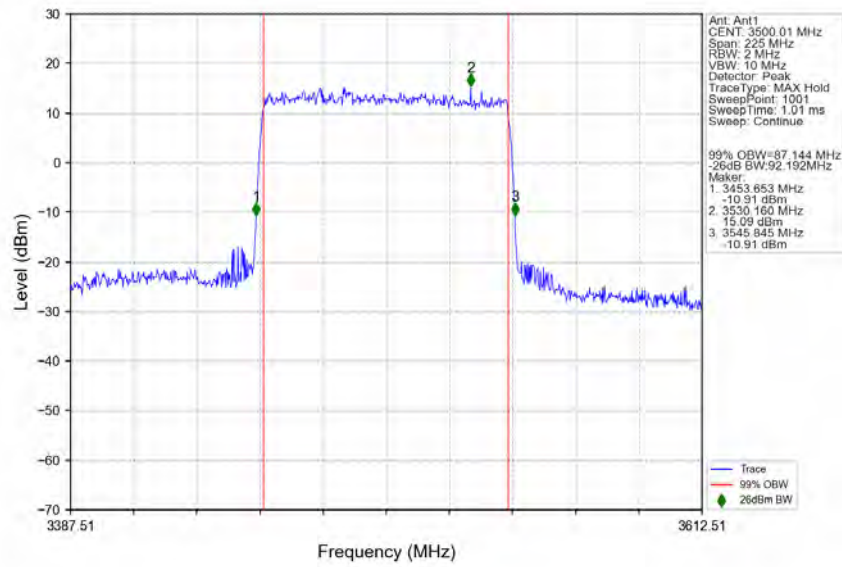
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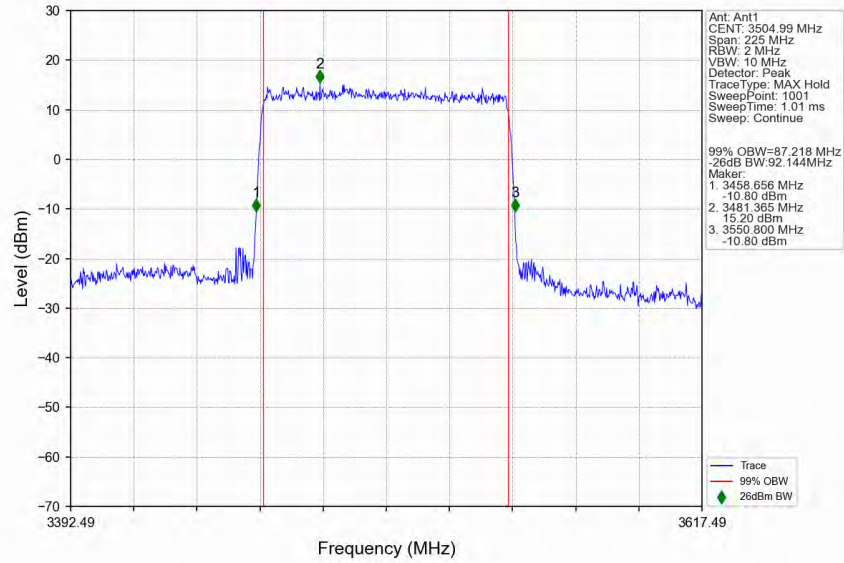
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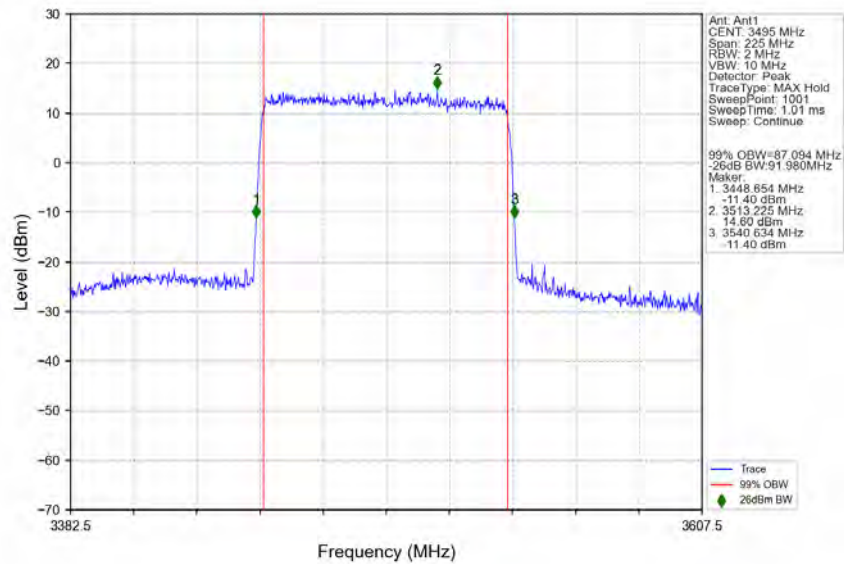
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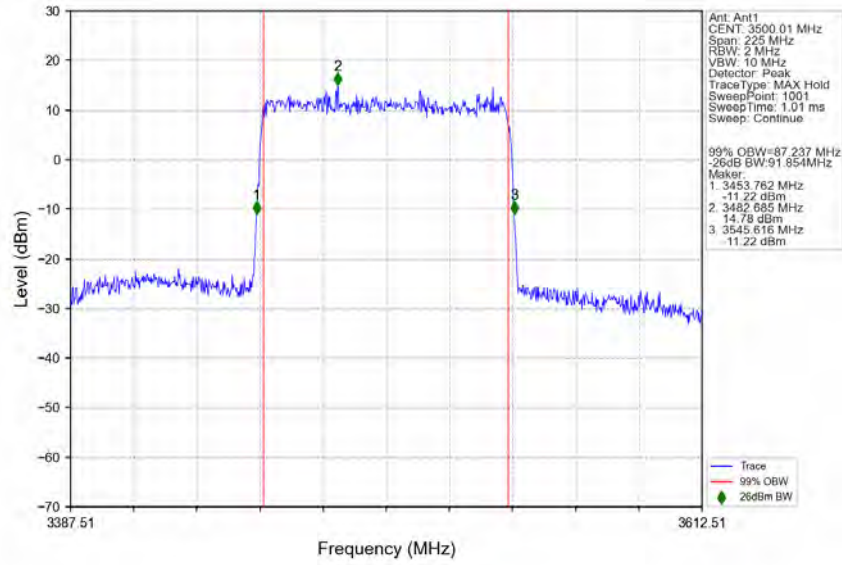
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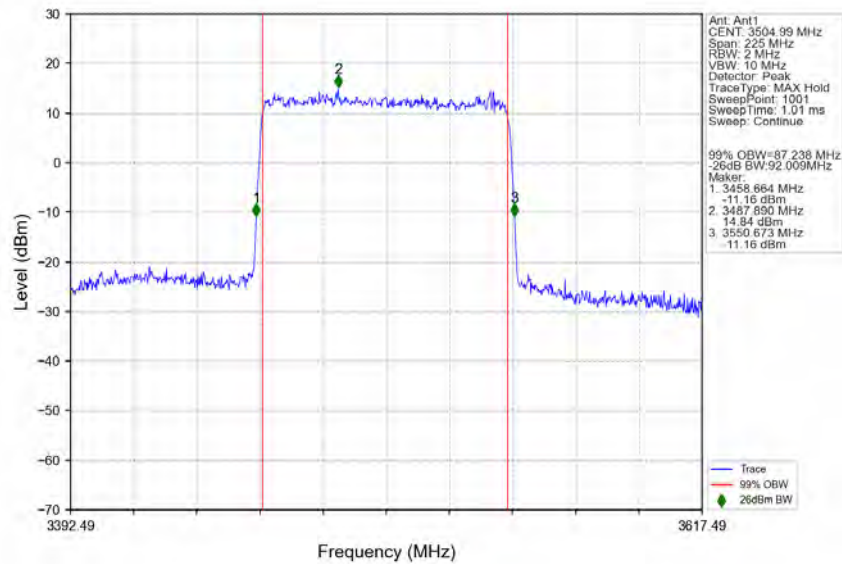
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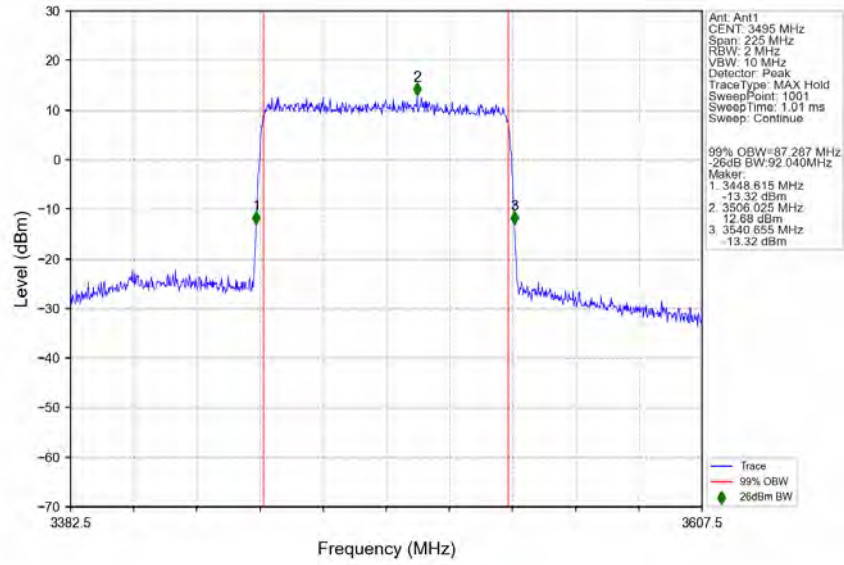
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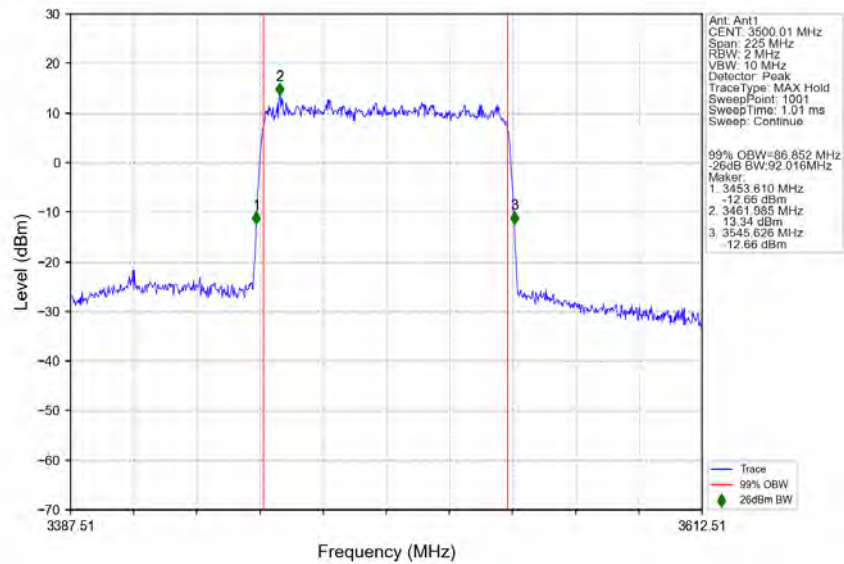
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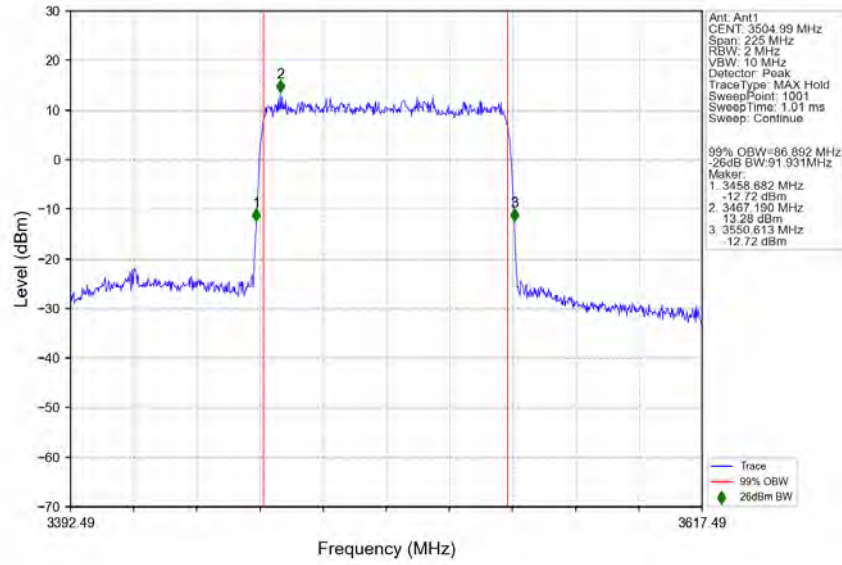
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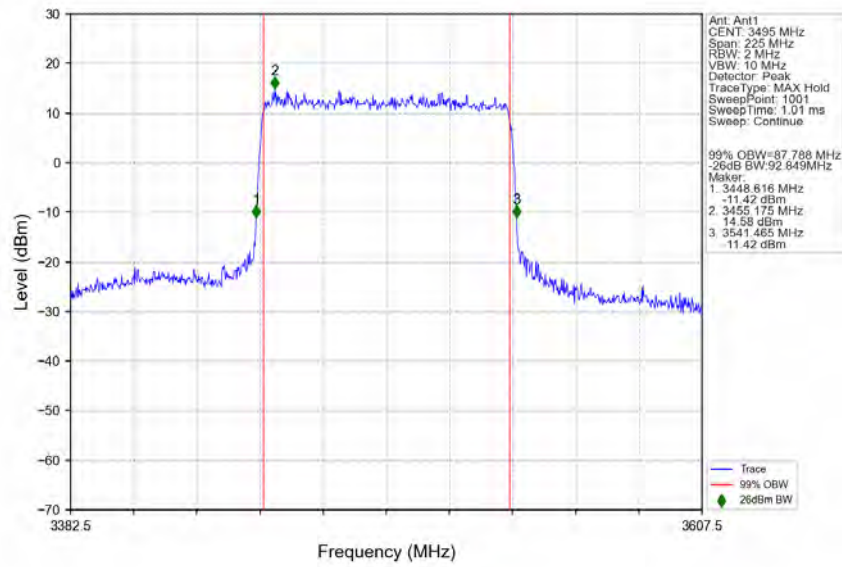
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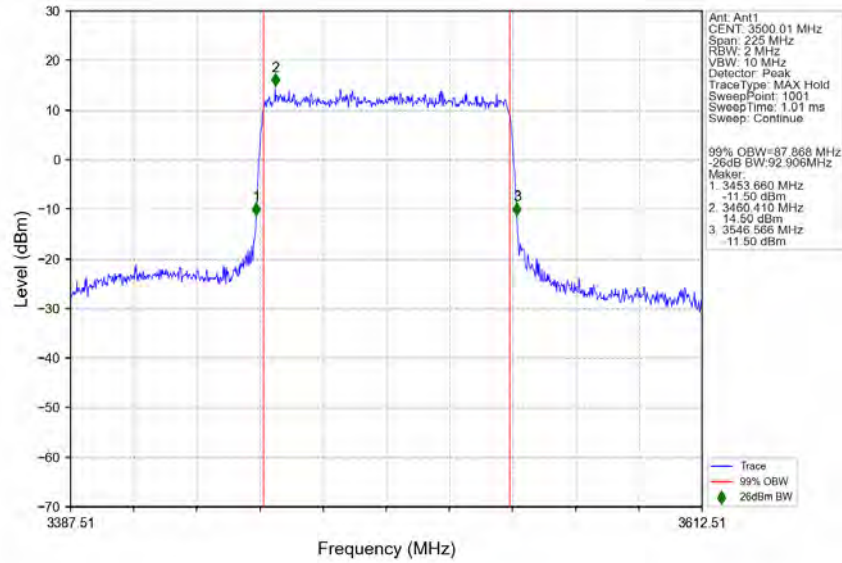
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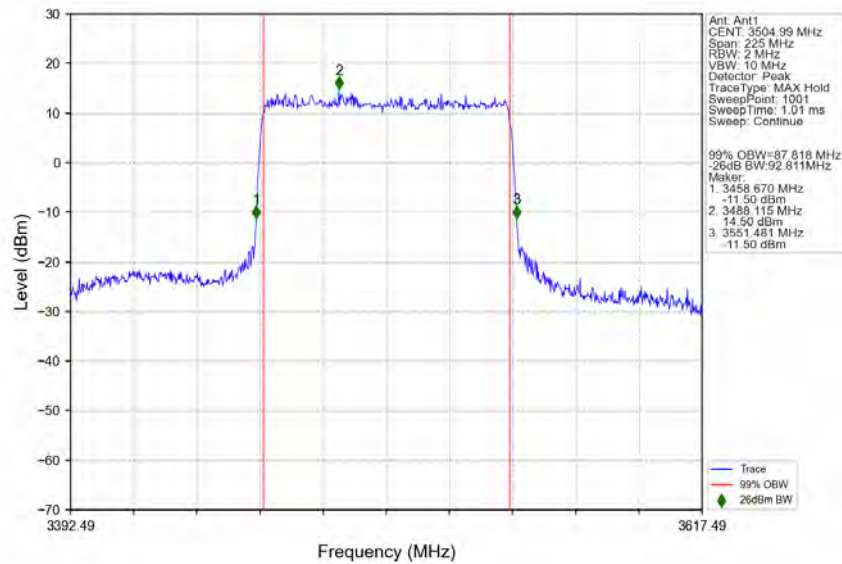
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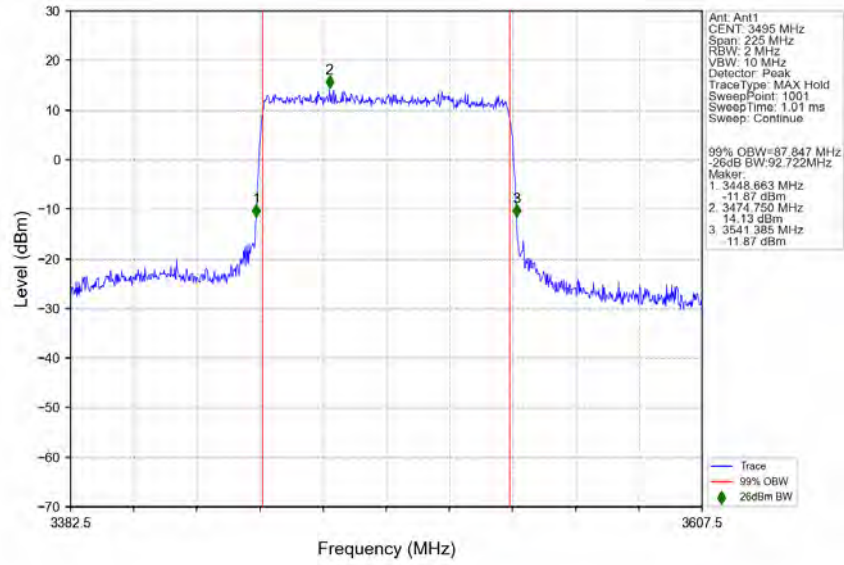
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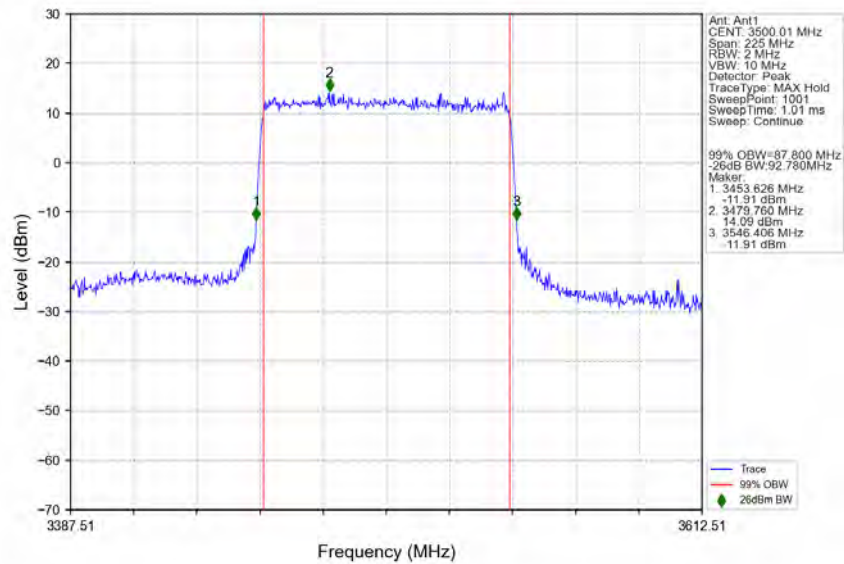
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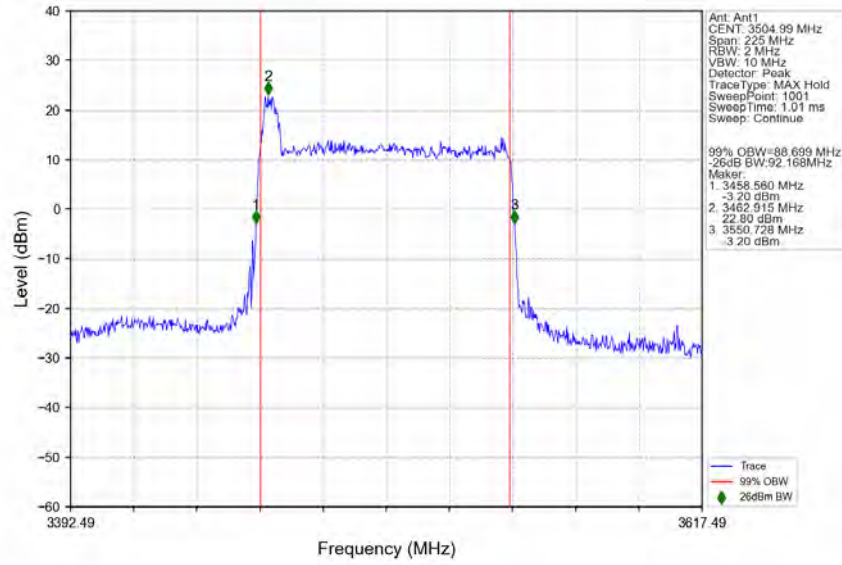
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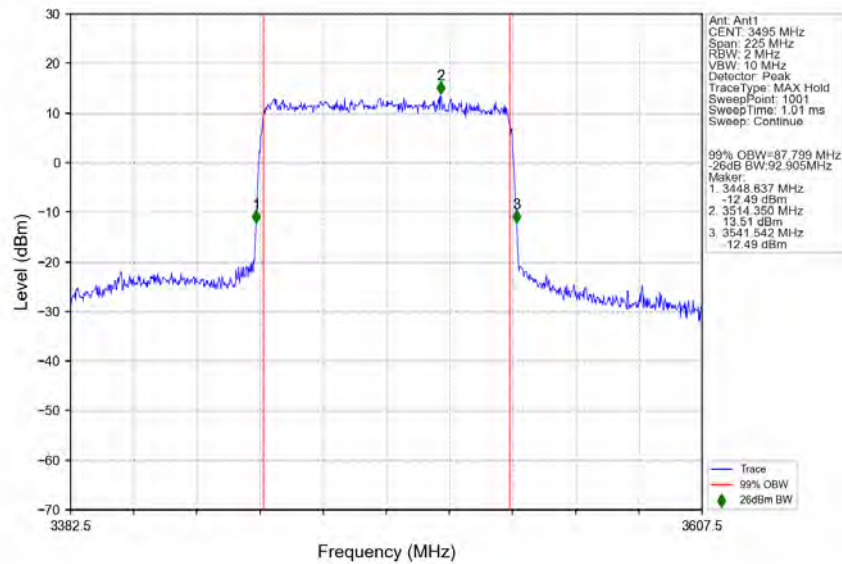
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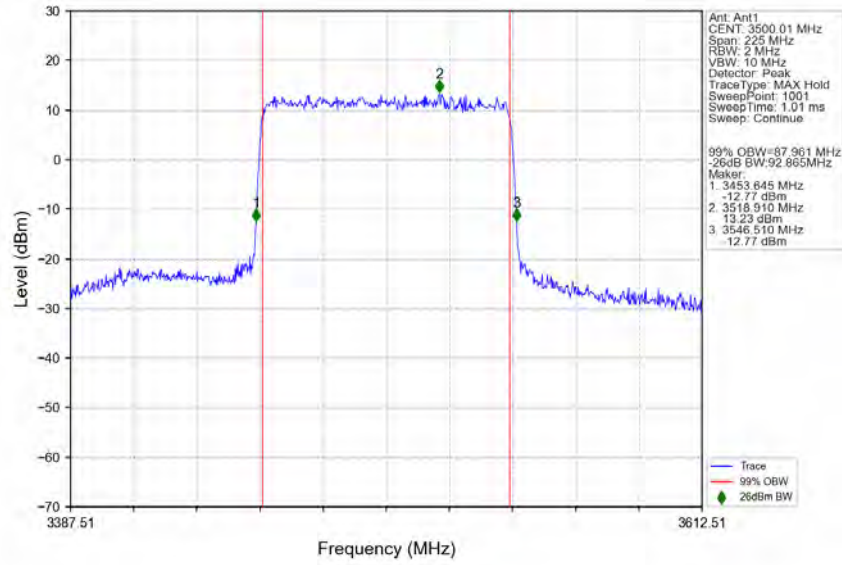
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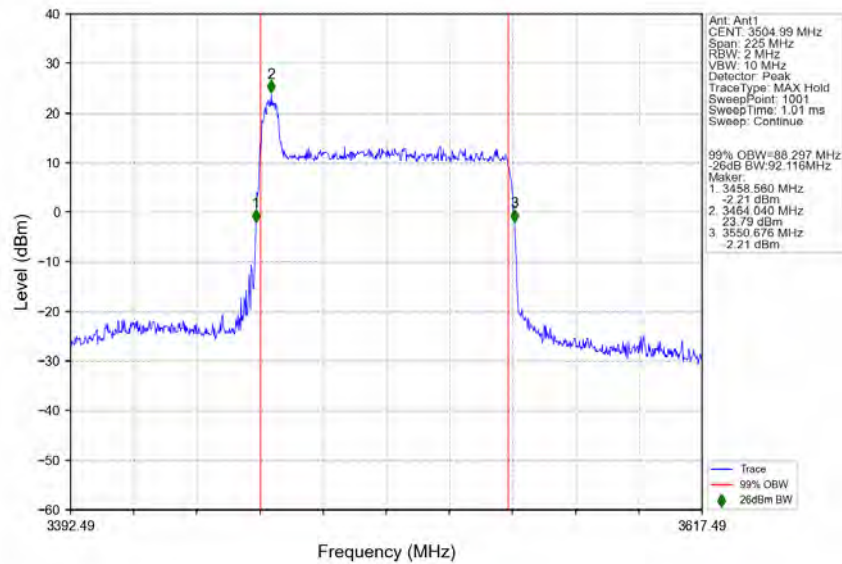
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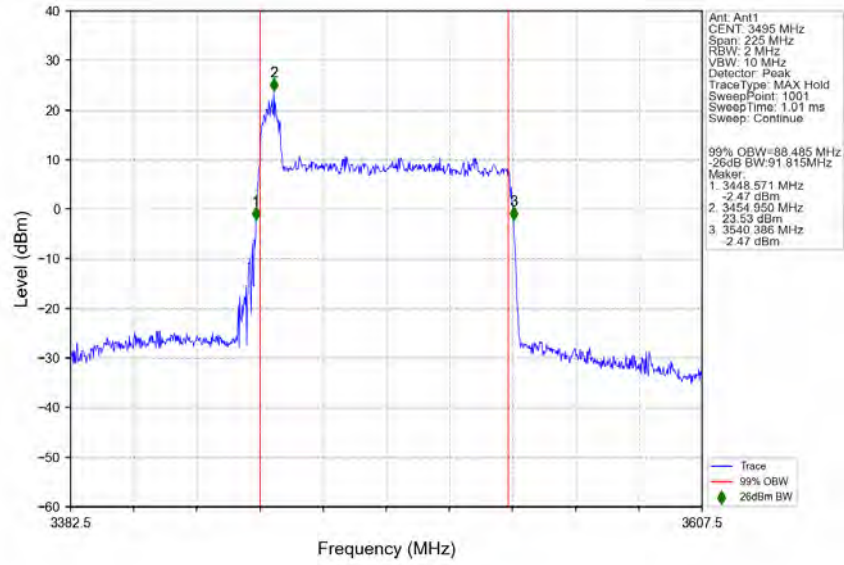
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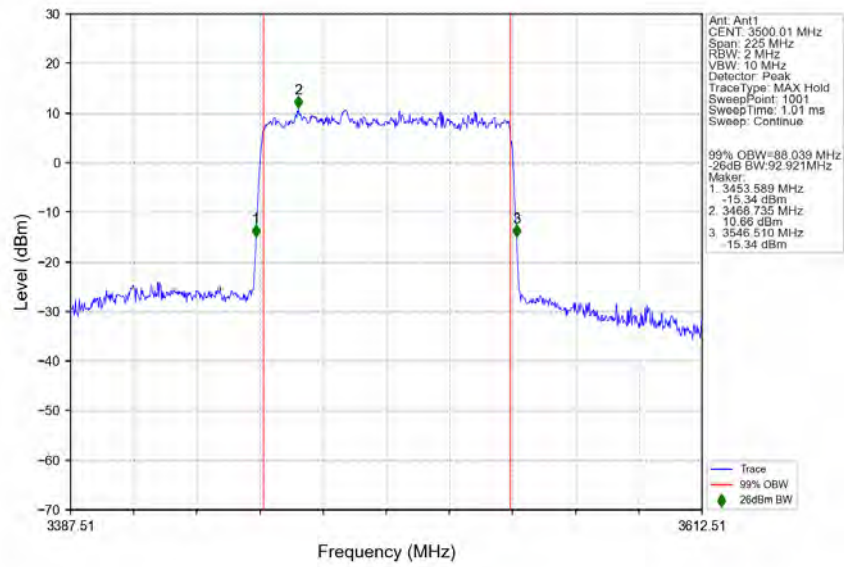
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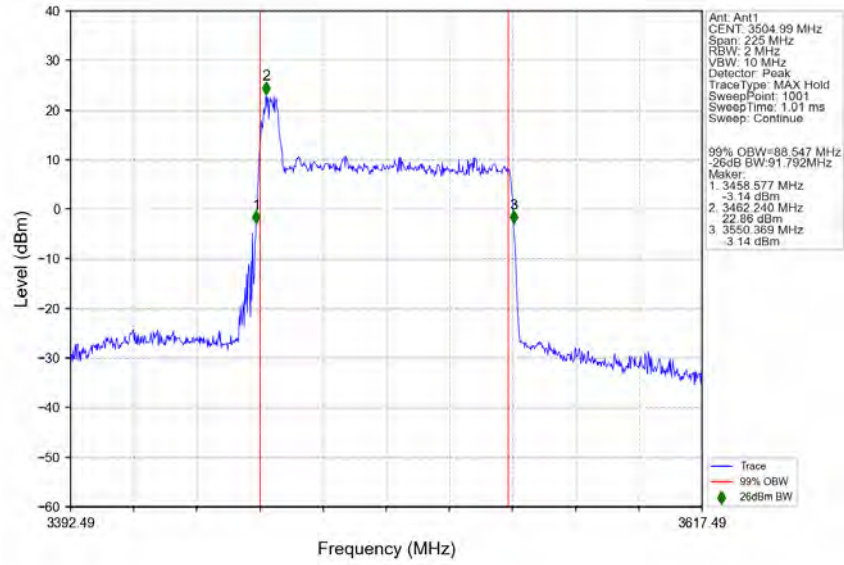
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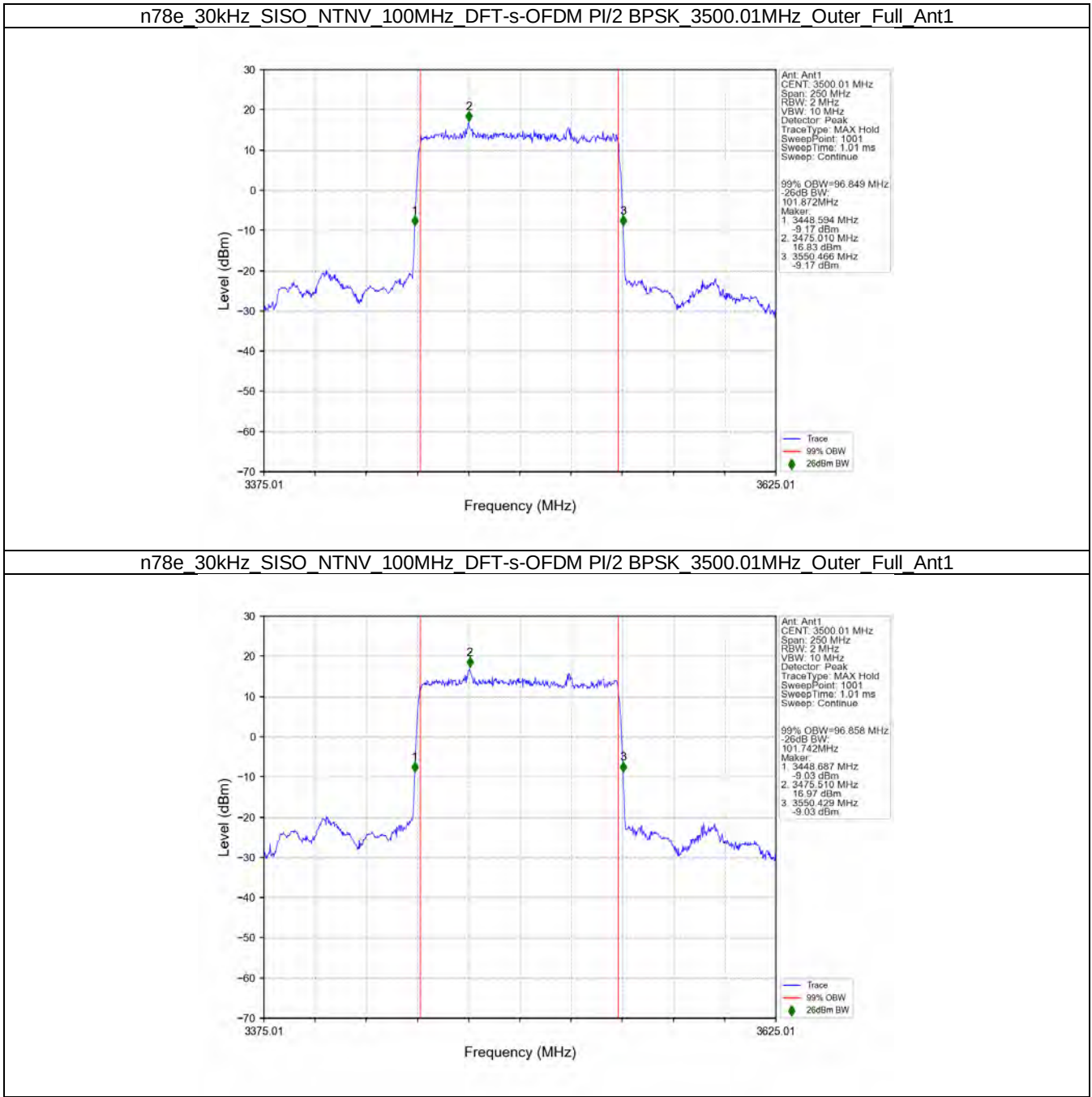
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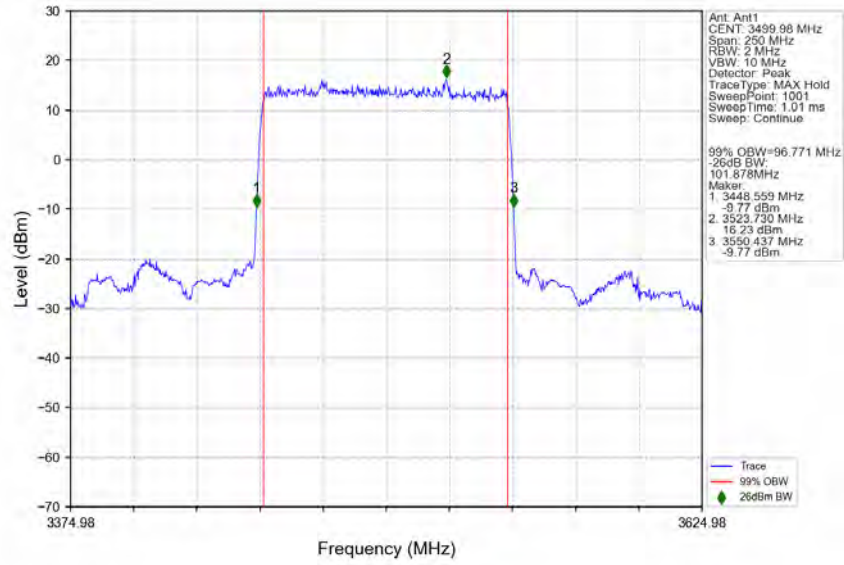
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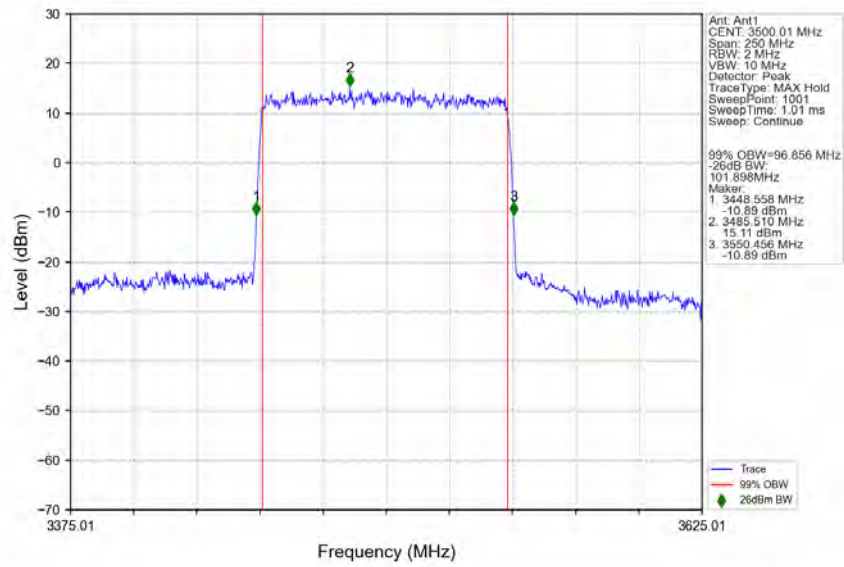
3.2.9 30k_SISO_100MHz_NTNV



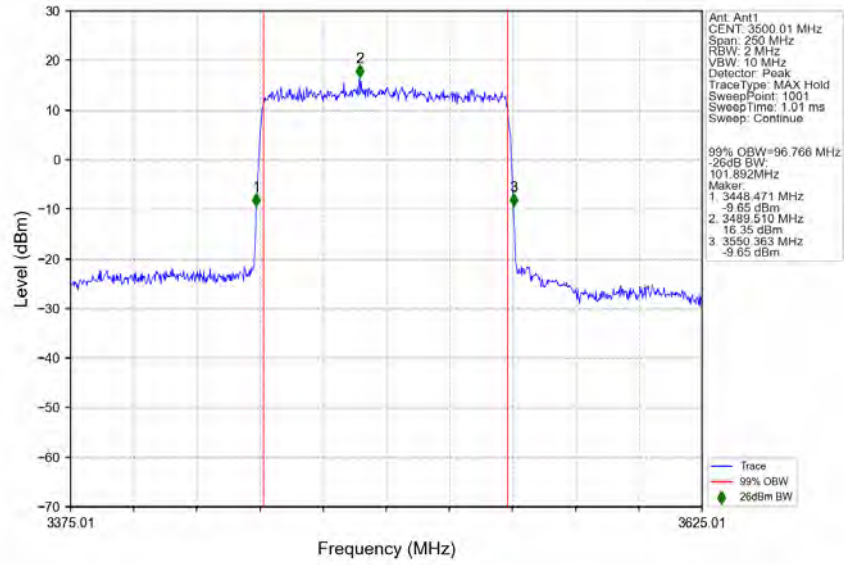
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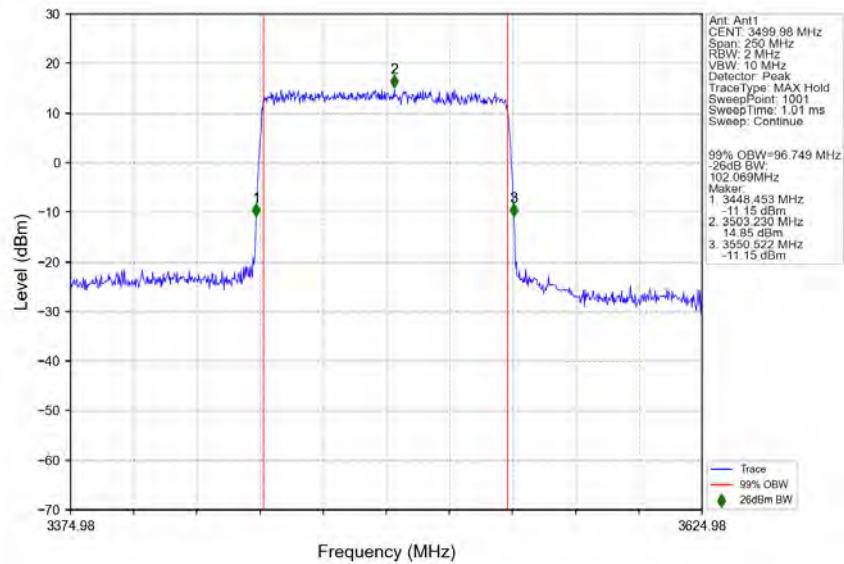
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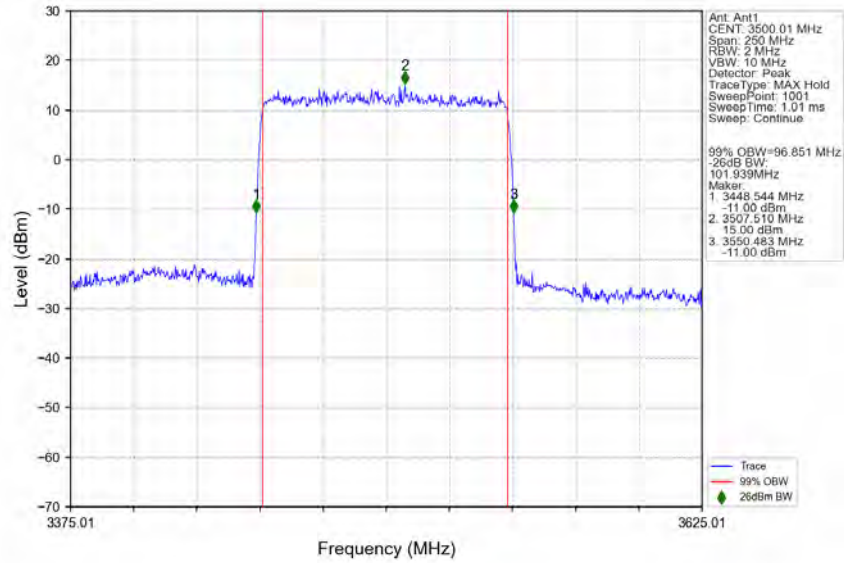
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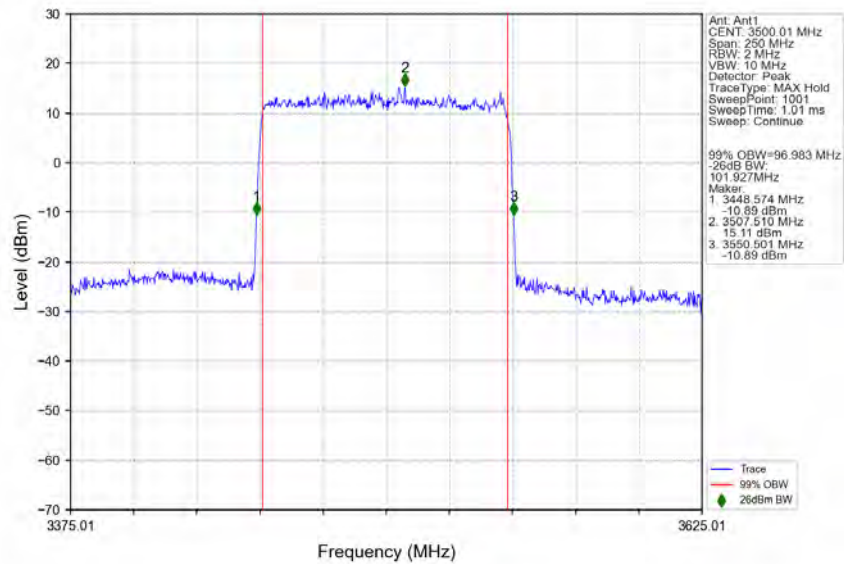
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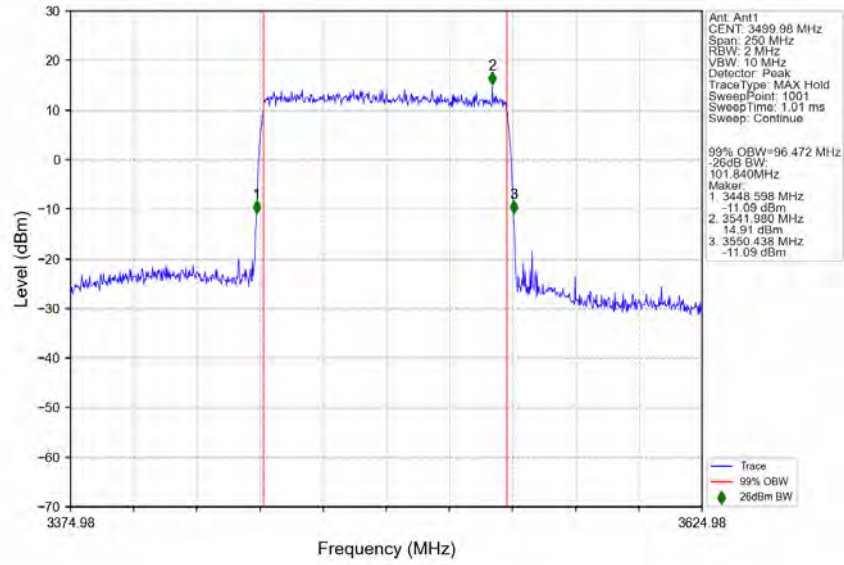
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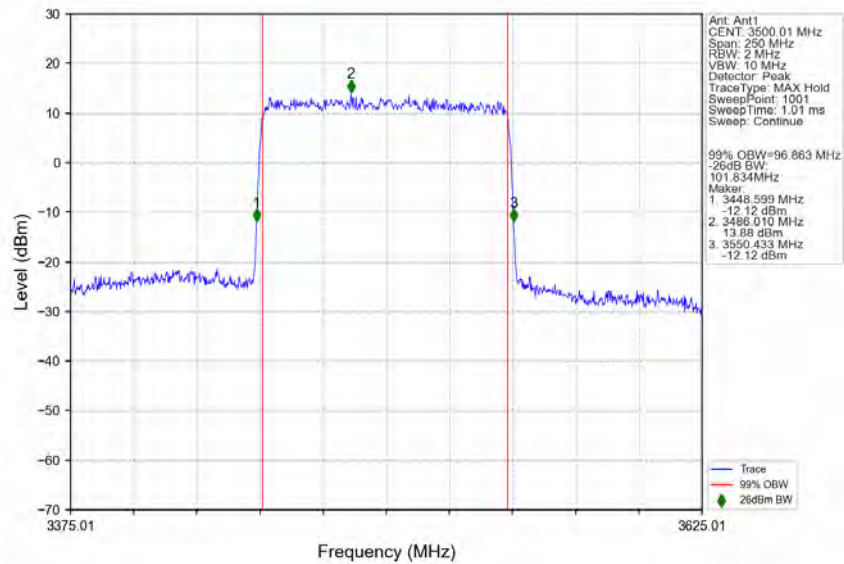
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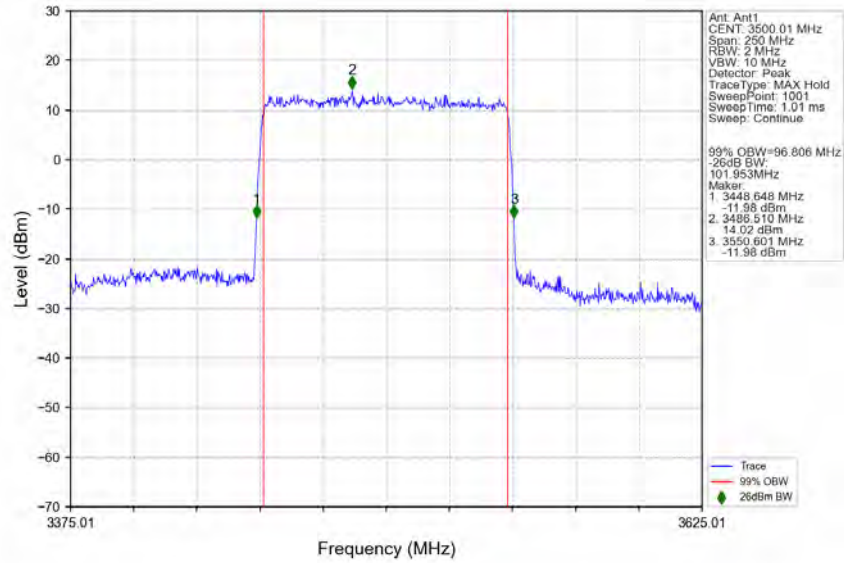
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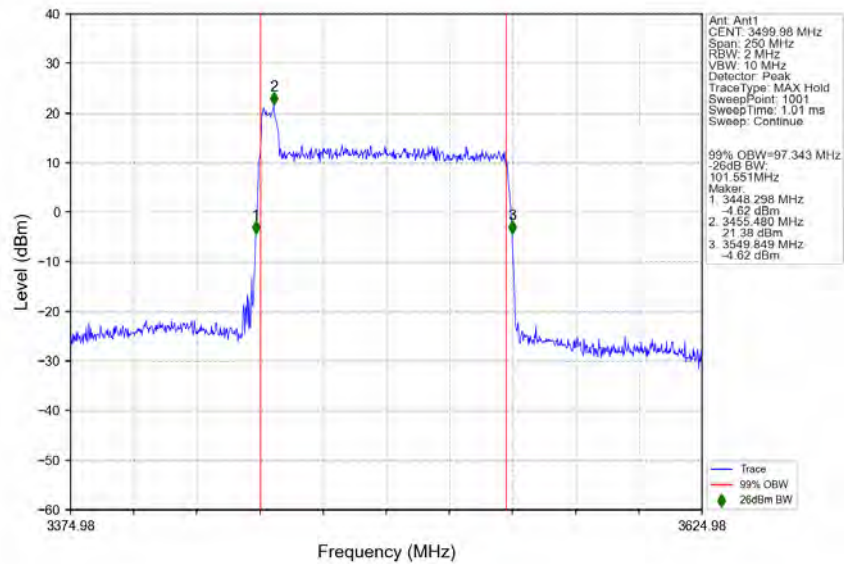
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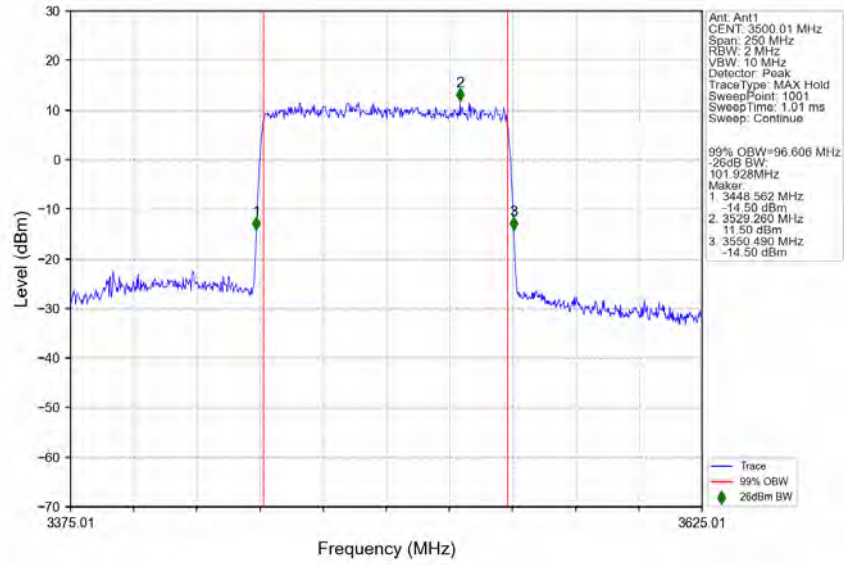
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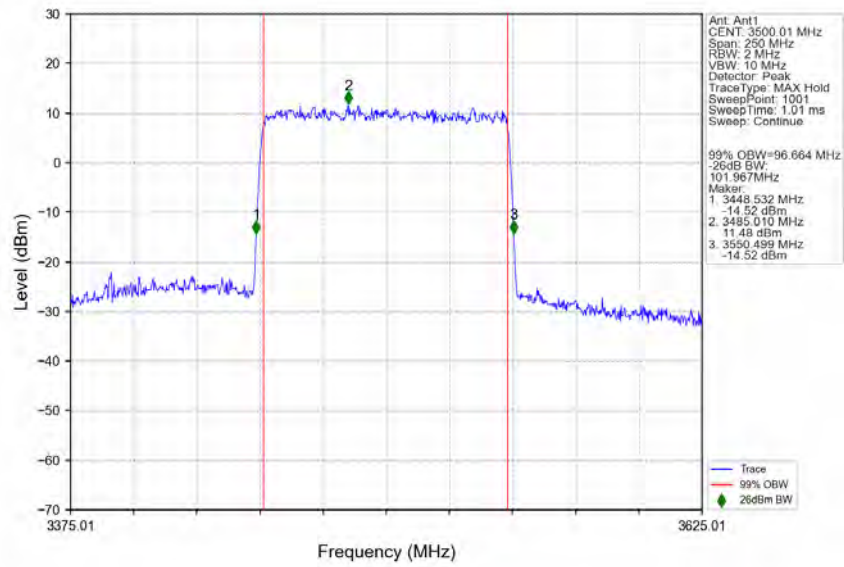
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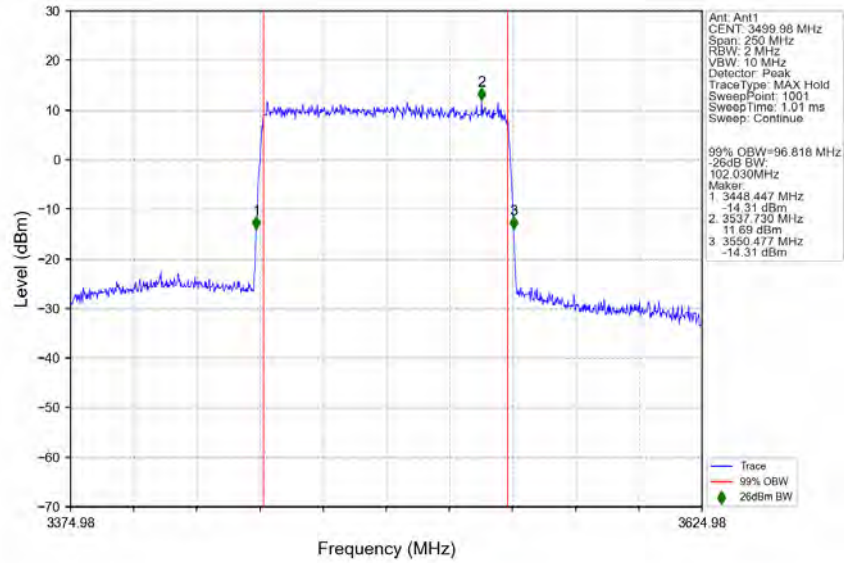
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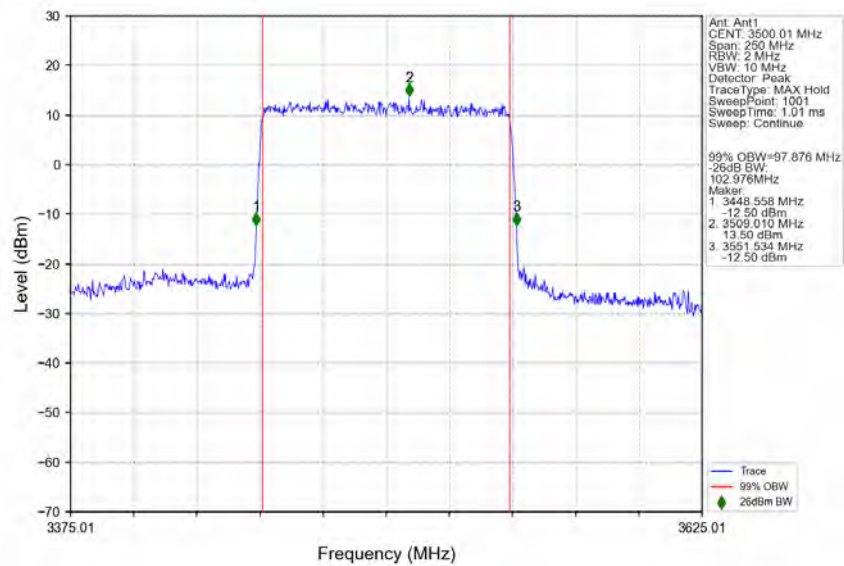
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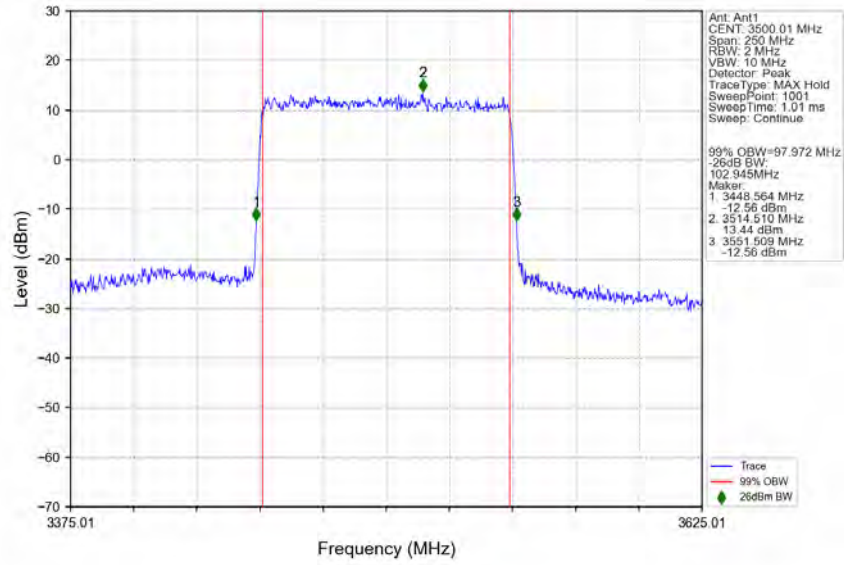
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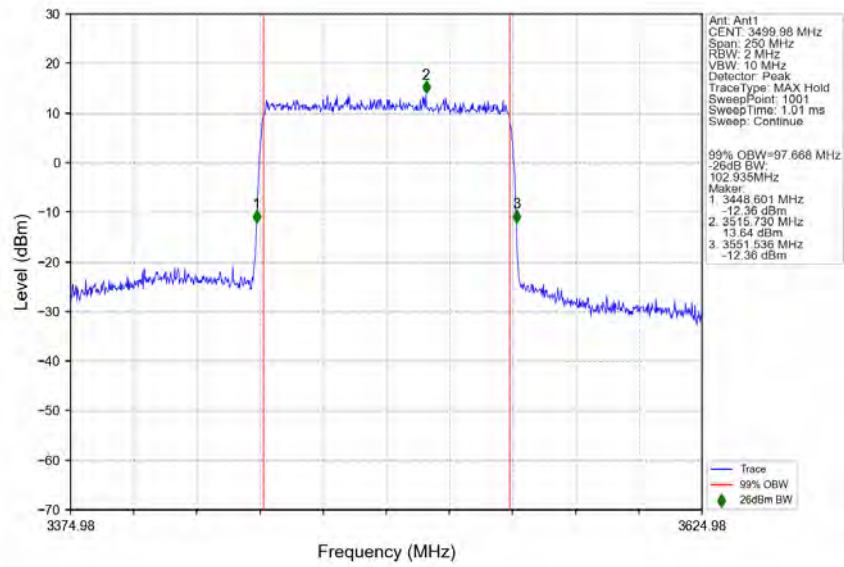
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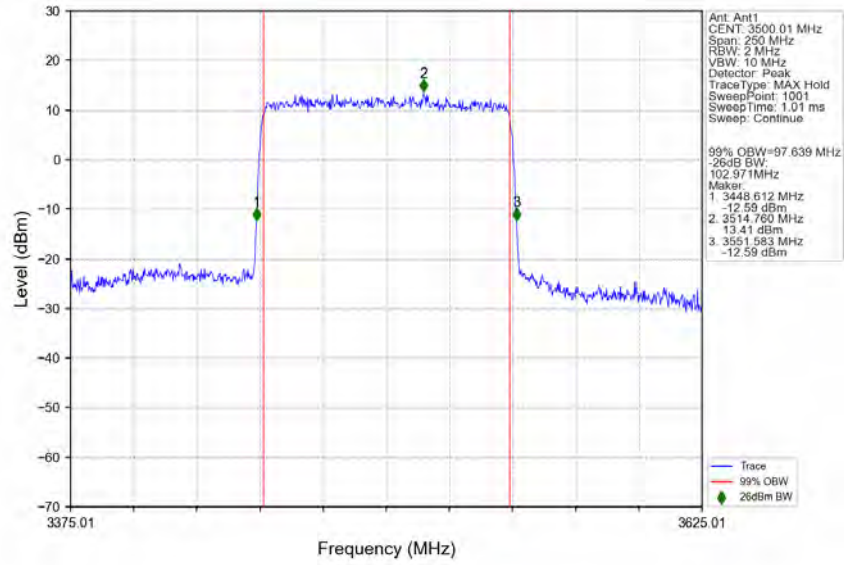
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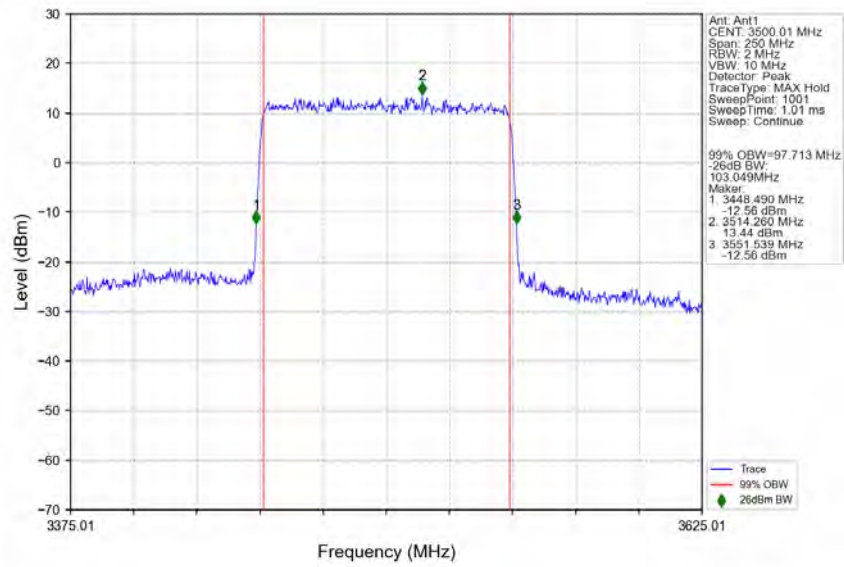
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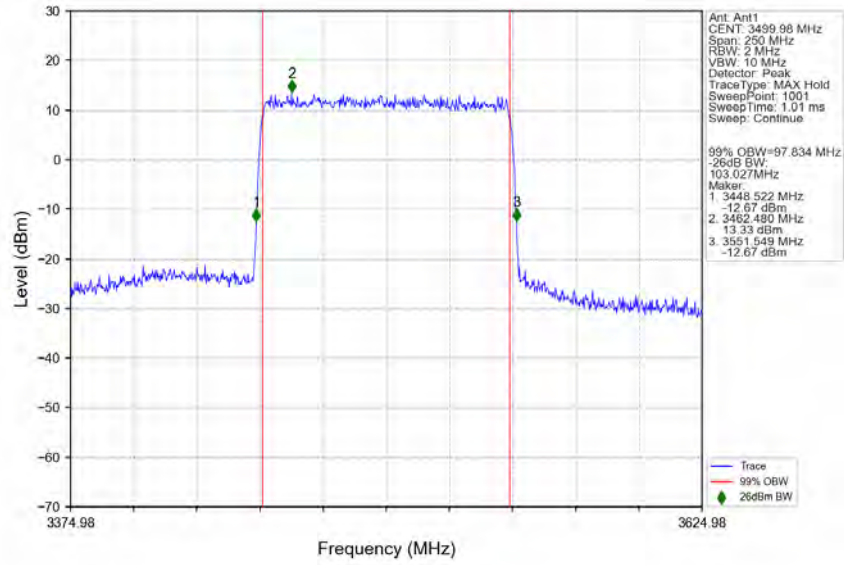
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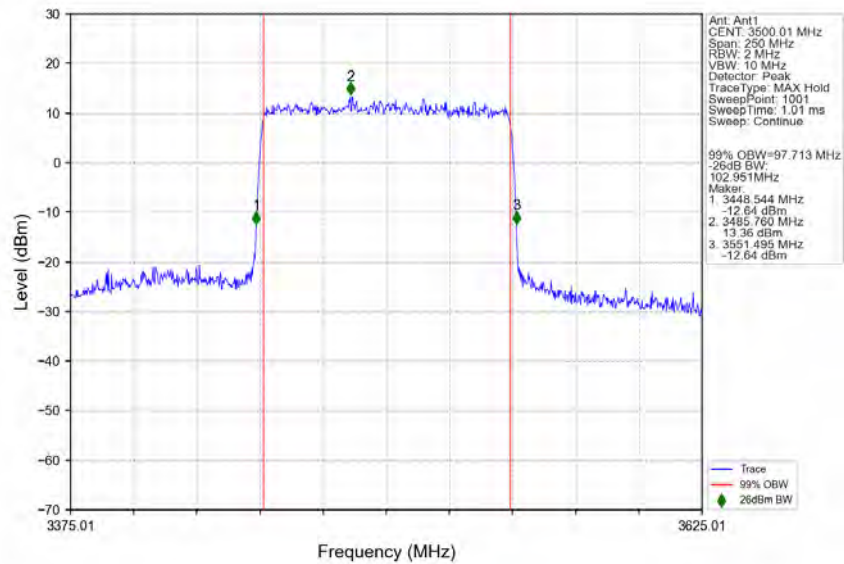
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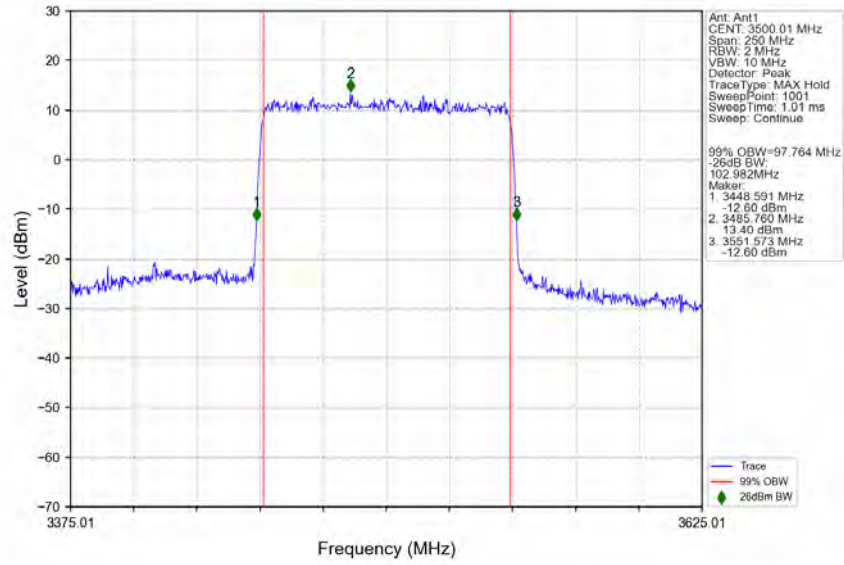
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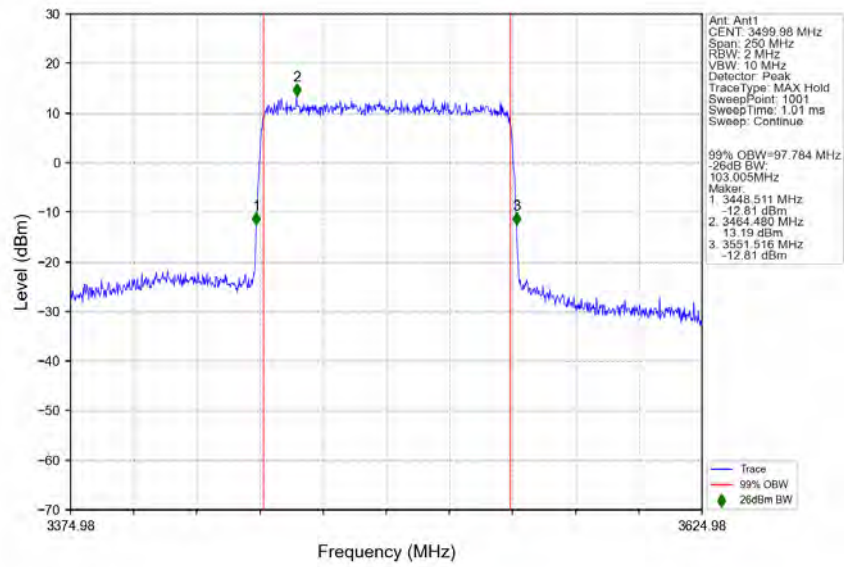
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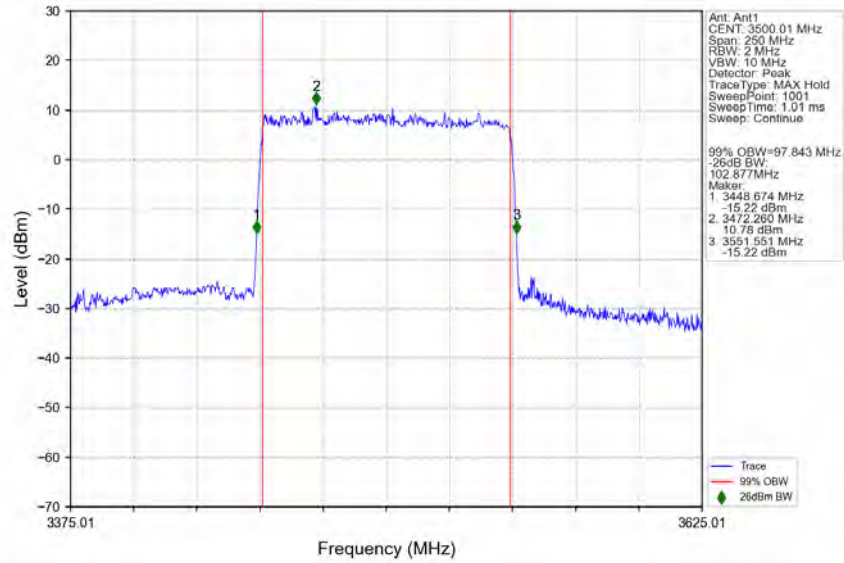
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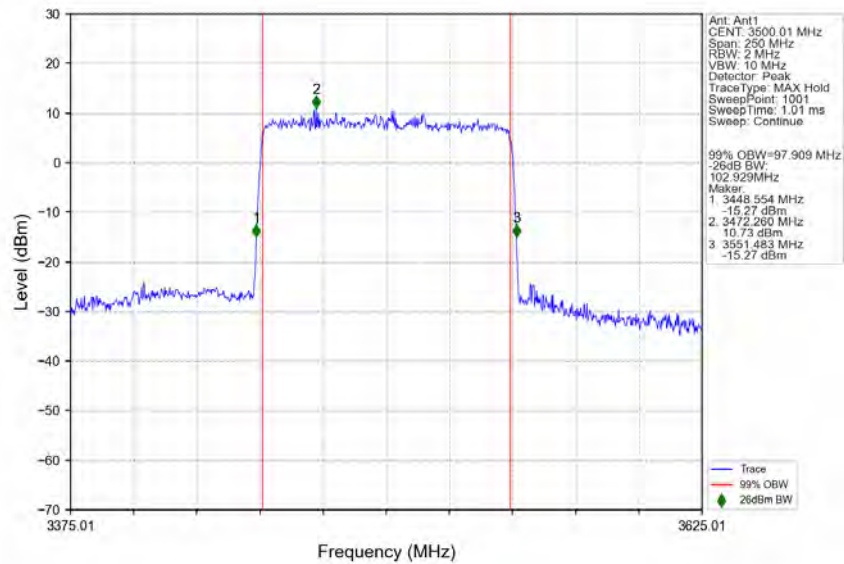
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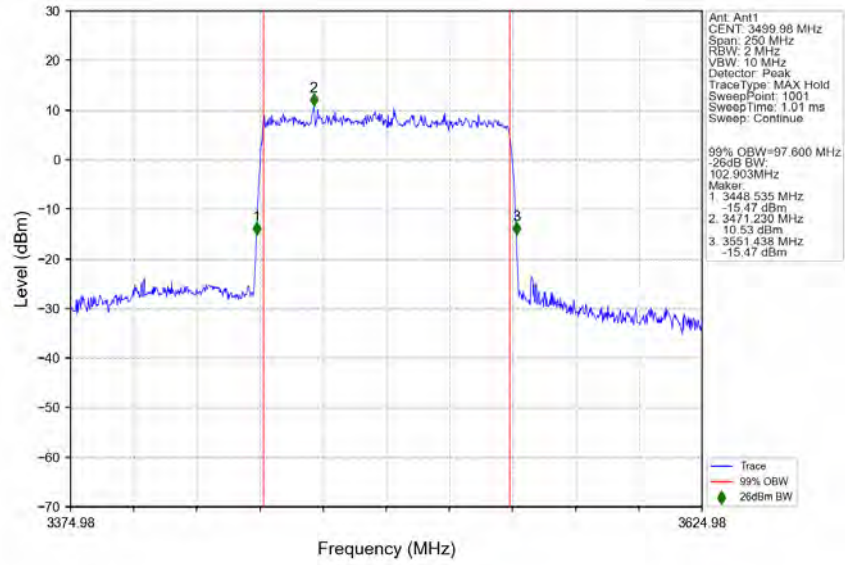
n78e 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



n78e 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



n78e 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3499.98MHz Outer Full Ant1



4. Peak-Average Ratio

4.1 Test Result

4.1.1 30k_SISO_20MHz_NTNV

5G NR n78e SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	9.92	/	/	<=13	Pass
	3500.01	Outer_Full	10.10	/	/	<=13	Pass
	3540	Outer_Full	10.08	/	/	<=13	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	10.10	/	/	<=13	Pass
	3500.01	Outer_Full	10.10	/	/	<=13	Pass
	3540	Outer_Full	10.10	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	10.28	/	/	<=13	Pass
	3500.01	Outer_Full	10.28	/	/	<=13	Pass
	3540	Outer_Full	12.56	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	10.30	/	/	<=13	Pass
	3500.01	Outer_Full	10.30	/	/	<=13	Pass
	3540	Outer_Full	12.76	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	10.28	/	/	<=13	Pass
	3500.01	Outer_Full	12.82	/	/	<=13	Pass
	3540	Outer_Full	12.80	/	/	<=13	Pass
CP-OFDM QPSK	3460.02	Outer_Full	10.56	/	/	<=13	Pass
	3500.01	Outer_Full	10.52	/	/	<=13	Pass
	3540	Outer_Full	10.52	/	/	<=13	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	10.54	/	/	<=13	Pass
	3500.01	Outer_Full	10.52	/	/	<=13	Pass
	3540	Outer_Full	10.54	/	/	<=13	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	10.56	/	/	<=13	Pass
	3500.01	Outer_Full	10.52	/	/	<=13	Pass
	3540	Outer_Full	10.54	/	/	<=13	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	10.62	/	/	<=13	Pass
	3500.01	Outer_Full	10.64	/	/	<=13	Pass
	3540	Outer_Full	10.66	/	/	<=13	Pass

4.1.2 30k_SISO_30MHz_NTNV

5G NR n78e SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	10.64	/	/	<=13	Pass
	3500.01	Outer_Full	10.62	/	/	<=13	Pass
	3534.99	Outer_Full	10.62	/	/	<=13	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	10.62	/	/	<=13	Pass
	3500.01	Outer_Full	10.60	/	/	<=13	Pass
	3534.99	Outer_Full	10.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	10.52	/	/	<=13	Pass
	3500.01	Outer_Full	10.48	/	/	<=13	Pass
	3534.99	Outer_Full	10.48	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	10.52	/	/	<=13	Pass
	3500.01	Outer_Full	10.50	/	/	<=13	Pass
	3534.99	Outer_Full	10.50	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	3465	Outer_Full	10.48	/	/	<=13	Pass
	3500.01	Outer_Full	10.46	/	/	<=13	Pass
	3534.99	Outer_Full	10.46	/	/	<=13	Pass
CP-OFDM QPSK	3465	Outer_Full	10.62	/	/	<=13	Pass
	3500.01	Outer_Full	10.62	/	/	<=13	Pass
	3534.99	Outer_Full	10.62	/	/	<=13	Pass
CP-OFDM 16 QAM	3465	Outer_Full	10.62	/	/	<=13	Pass
	3500.01	Outer_Full	10.62	/	/	<=13	Pass
	3534.99	Outer_Full	10.62	/	/	<=13	Pass
CP-OFDM 64 QAM	3465	Outer_Full	10.62	/	/	<=13	Pass
	3500.01	Outer_Full	10.62	/	/	<=13	Pass
	3534.99	Outer_Full	10.62	/	/	<=13	Pass
CP-OFDM 256 QAM	3465	Outer_Full	10.68	/	/	<=13	Pass
	3500.01	Outer_Full	10.70	/	/	<=13	Pass
	3534.99	Outer_Full	10.70	/	/	<=13	Pass

4.1.3 30k_SISO_40MHz_NTNV

5G NR n78e SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	10.66	/	/	<=13	Pass
	3500.01	Outer_Full	10.66	/	/	<=13	Pass
	3529.98	Outer_Full	10.64	/	/	<=13	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	10.64	/	/	<=13	Pass
	3500.01	Outer_Full	10.62	/	/	<=13	Pass
	3529.98	Outer_Full	10.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	10.80	/	/	<=13	Pass
	3500.01	Outer_Full	10.78	/	/	<=13	Pass
	3529.98	Outer_Full	10.80	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	10.80	/	/	<=13	Pass
	3500.01	Outer_Full	10.78	/	/	<=13	Pass
	3529.98	Outer_Full	10.80	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	10.78	/	/	<=13	Pass
	3500.01	Outer_Full	10.78	/	/	<=13	Pass
	3529.98	Outer_Full	10.76	/	/	<=13	Pass
CP-OFDM QPSK	3470.01	Outer_Full	11.04	/	/	<=13	Pass
	3500.01	Outer_Full	11.04	/	/	<=13	Pass
	3529.98	Outer_Full	11.06	/	/	<=13	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	11.06	/	/	<=13	Pass
	3500.01	Outer_Full	11.04	/	/	<=13	Pass
	3529.98	Outer_Full	11.06	/	/	<=13	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	11.06	/	/	<=13	Pass
	3500.01	Outer_Full	11.06	/	/	<=13	Pass
	3529.98	Outer_Full	11.08	/	/	<=13	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	11.18	/	/	<=13	Pass
	3500.01	Outer_Full	11.18	/	/	<=13	Pass
	3529.98	Outer_Full	11.20	/	/	<=13	Pass

4.1.4 30k_SISO_50MHz_NTNV

5G NR n78e SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	11.76	/	/	<=13	Pass
	3500.01	Outer_Full	11.88	/	/	<=13	Pass

	3525	Outer_Full	11.84	/	/	<=13	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	11.90	/	/	<=13	Pass
	3500.01	Outer_Full	11.88	/	/	<=13	Pass
	3525	Outer_Full	11.86	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	11.94	/	/	<=13	Pass
	3500.01	Outer_Full	11.92	/	/	<=13	Pass
	3525	Outer_Full	11.92	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	11.90	/	/	<=13	Pass
	3500.01	Outer_Full	11.88	/	/	<=13	Pass
	3525	Outer_Full	11.88	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	11.82	/	/	<=13	Pass
	3500.01	Outer_Full	11.82	/	/	<=13	Pass
	3525	Outer_Full	11.78	/	/	<=13	Pass
CP-OFDM QPSK	3475.02	Outer_Full	12.12	/	/	<=13	Pass
	3500.01	Outer_Full	12.12	/	/	<=13	Pass
	3525	Outer_Full	12.10	/	/	<=13	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	12.12	/	/	<=13	Pass
	3500.01	Outer_Full	12.12	/	/	<=13	Pass
	3525	Outer_Full	12.10	/	/	<=13	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	12.12	/	/	<=13	Pass
	3500.01	Outer_Full	12.10	/	/	<=13	Pass
	3525	Outer_Full	12.08	/	/	<=13	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	12.08	/	/	<=13	Pass
	3500.01	Outer_Full	12.08	/	/	<=13	Pass
	3525	Outer_Full	12.08	/	/	<=13	Pass

4.1.5 30k_SISO_60MHz_NTNV

5G NR n78e SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Outer_Full	12.00	/	/	<=13	Pass
	3500.01	Outer_Full	12.00	/	/	<=13	Pass
	3519.99	Outer_Full	12.00	/	/	<=13	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	12.00	/	/	<=13	Pass
	3500.01	Outer_Full	11.98	/	/	<=13	Pass
	3519.99	Outer_Full	11.98	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	12.04	/	/	<=13	Pass
	3500.01	Outer_Full	12.04	/	/	<=13	Pass
	3519.99	Outer_Full	12.04	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	12.04	/	/	<=13	Pass
	3500.01	Outer_Full	12.02	/	/	<=13	Pass
	3519.99	Outer_Full	12.04	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	12.00	/	/	<=13	Pass
	3500.01	Outer_Full	11.98	/	/	<=13	Pass
	3519.99	Outer_Full	11.98	/	/	<=13	Pass
CP-OFDM QPSK	3480	Outer_Full	12.30	/	/	<=13	Pass
	3500.01	Outer_Full	12.30	/	/	<=13	Pass
	3519.99	Outer_Full	12.30	/	/	<=13	Pass
CP-OFDM 16 QAM	3480	Outer_Full	12.30	/	/	<=13	Pass
	3500.01	Outer_Full	12.30	/	/	<=13	Pass
	3519.99	Outer_Full	12.30	/	/	<=13	Pass
CP-OFDM 64 QAM	3480	Outer_Full	12.32	/	/	<=13	Pass
	3500.01	Outer_Full	12.32	/	/	<=13	Pass
	3519.99	Outer_Full	12.32	/	/	<=13	Pass
CP-OFDM 256 QAM	3480	Outer_Full	12.32	/	/	<=13	Pass
	3500.01	Outer_Full	12.32	/	/	<=13	Pass

	3519.99	Outer Full	12.32	/	/	<=13	Pass
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4.1.6 30k_SISO_70MHz_NTNV

5G NR n78e SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Outer Full	12.08	/	/	<=13	Pass
	3500.01	Outer Full	12.10	/	/	<=13	Pass
	3514.98	Outer Full	12.08	/	/	<=13	Pass
DFT-s-OFDM QPSK	3485.01	Outer Full	12.10	/	/	<=13	Pass
	3500.01	Outer Full	12.10	/	/	<=13	Pass
	3514.98	Outer Full	12.10	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer Full	12.18	/	/	<=13	Pass
	3500.01	Outer Full	12.18	/	/	<=13	Pass
	3514.98	Outer Full	12.16	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer Full	12.20	/	/	<=13	Pass
	3500.01	Outer Full	12.20	/	/	<=13	Pass
	3514.98	Outer Full	12.18	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer Full	12.14	/	/	<=13	Pass
	3500.01	Outer Full	12.14	/	/	<=13	Pass
	3514.98	Outer Full	12.14	/	/	<=13	Pass
CP-OFDM QPSK	3485.01	Outer Full	12.46	/	/	<=13	Pass
	3500.01	Outer Full	12.46	/	/	<=13	Pass
	3514.98	Outer Full	12.46	/	/	<=13	Pass
CP-OFDM 16 QAM	3485.01	Outer Full	12.48	/	/	<=13	Pass
	3500.01	Outer Full	12.48	/	/	<=13	Pass
	3514.98	Outer Full	12.48	/	/	<=13	Pass
CP-OFDM 64 QAM	3485.01	Outer Full	12.46	/	/	<=13	Pass
	3500.01	Outer Full	12.48	/	/	<=13	Pass
	3514.98	Outer Full	12.46	/	/	<=13	Pass
CP-OFDM 256 QAM	3485.01	Outer Full	12.48	/	/	<=13	Pass
	3500.01	Outer Full	12.50	/	/	<=13	Pass
	3514.98	Outer Full	12.50	/	/	<=13	Pass

4.1.7 30k_SISO_80MHz_NTNV

5G NR n78e SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Outer Full	12.66	/	/	<=13	Pass
	3500.01	Outer Full	12.66	/	/	<=13	Pass
	3510	Outer Full	12.66	/	/	<=13	Pass
DFT-s-OFDM QPSK	3490.02	Outer Full	12.66	/	/	<=13	Pass
	3500.01	Outer Full	12.66	/	/	<=13	Pass
	3510	Outer Full	12.66	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer Full	12.66	/	/	<=13	Pass
	3500.01	Outer Full	12.66	/	/	<=13	Pass
	3510	Outer Full	12.66	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer Full	12.66	/	/	<=13	Pass
	3500.01	Outer Full	12.64	/	/	<=13	Pass
	3510	Outer Full	12.64	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer Full	12.54	/	/	<=13	Pass
	3500.01	Outer Full	12.52	/	/	<=13	Pass
	3510	Outer Full	12.54	/	/	<=13	Pass
CP-OFDM QPSK	3490.02	Outer Full	12.72	/	/	<=13	Pass

CP-OFDM 16 QAM	3500.01	Outer_Full	12.72	/	/	<=13	Pass
	3510	Outer_Full	12.70	/	/	<=13	Pass
	3490.02	Outer_Full	12.70	/	/	<=13	Pass
	3500.01	Outer_Full	12.72	/	/	<=13	Pass
	3510	Outer_Full	12.70	/	/	<=13	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	12.70	/	/	<=13	Pass
	3500.01	Outer_Full	12.72	/	/	<=13	Pass
	3510	Outer_Full	12.70	/	/	<=13	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	12.76	/	/	<=13	Pass
	3500.01	Outer_Full	12.74	/	/	<=13	Pass
	3510	Outer_Full	12.76	/	/	<=13	Pass

4.1.8 30k_SISO_90MHz_NTNV

5G NR n78e SCS=30kHz SISO 90MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Outer_Full	10.06	/	/	<=13	Pass
	3500.01	Outer_Full	9.84	/	/	<=13	Pass
	3504.99	Outer_Full	9.82	/	/	<=13	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	9.82	/	/	<=13	Pass
	3500.01	Outer_Full	9.88	/	/	<=13	Pass
	3504.99	Outer_Full	10.06	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	9.94	/	/	<=13	Pass
	3500.01	Outer_Full	10.08	/	/	<=13	Pass
	3504.99	Outer_Full	10.08	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	10.00	/	/	<=13	Pass
	3500.01	Outer_Full	10.00	/	/	<=13	Pass
	3504.99	Outer_Full	9.98	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	10.36	/	/	<=13	Pass
	3500.01	Outer_Full	10.20	/	/	<=13	Pass
	3504.99	Outer_Full	10.12	/	/	<=13	Pass
CP-OFDM QPSK	3495	Outer_Full	10.16	/	/	<=13	Pass
	3500.01	Outer_Full	10.40	/	/	<=13	Pass
	3504.99	Outer_Full	10.14	/	/	<=13	Pass
CP-OFDM 16 QAM	3495	Outer_Full	10.18	/	/	<=13	Pass
	3500.01	Outer_Full	10.40	/	/	<=13	Pass
	3504.99	Outer_Full	10.24	/	/	<=13	Pass
CP-OFDM 64 QAM	3495	Outer_Full	10.42	/	/	<=13	Pass
	3500.01	Outer_Full	10.18	/	/	<=13	Pass
	3504.99	Outer_Full	10.42	/	/	<=13	Pass
CP-OFDM 256 QAM	3495	Outer_Full	10.26	/	/	<=13	Pass
	3500.01	Outer_Full	10.26	/	/	<=13	Pass
	3504.99	Outer_Full	10.48	/	/	<=13	Pass

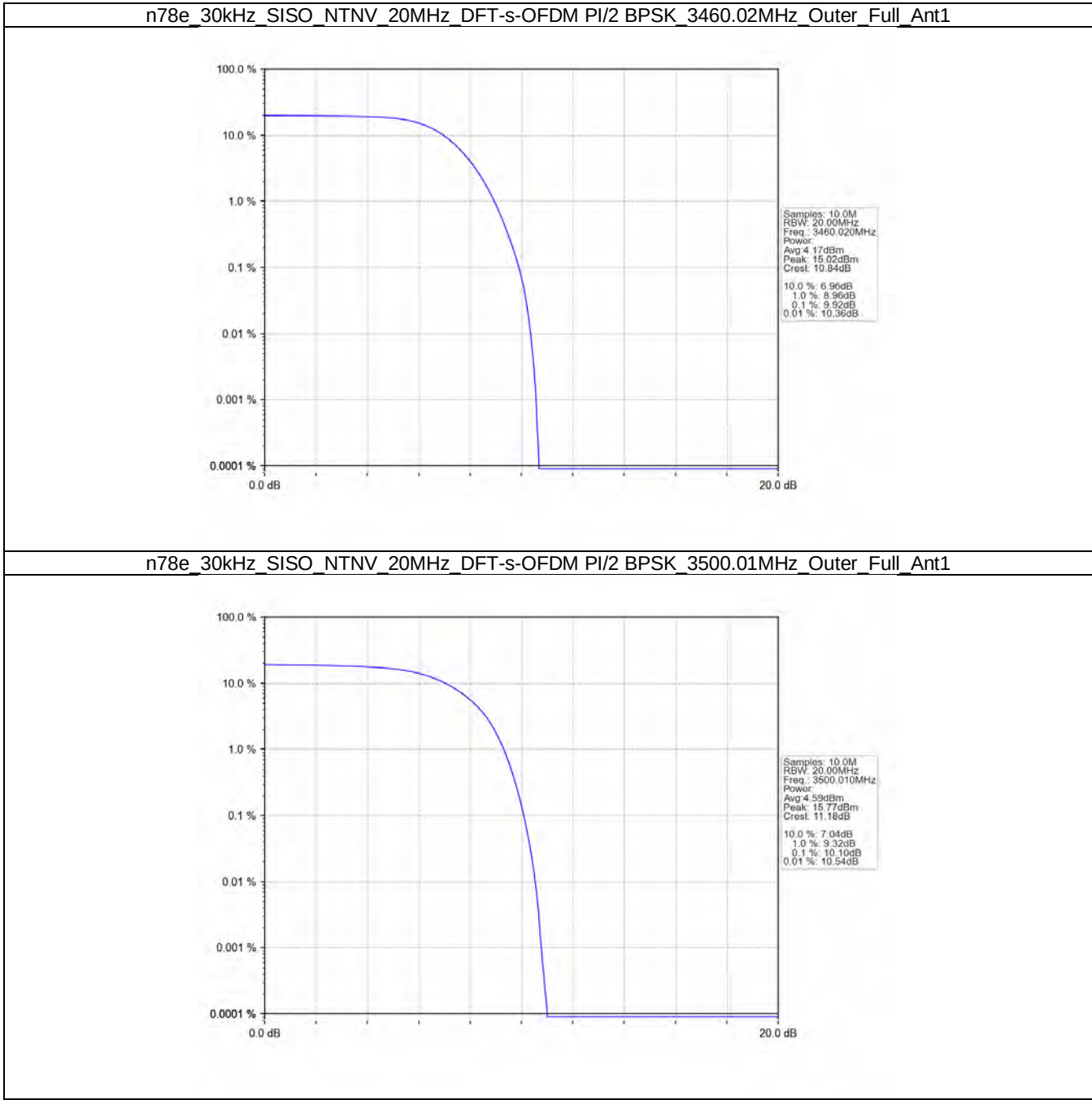
4.1.9 30k_SISO_100MHz_NTNV

5G NR n78e SCS=30kHz SISO 100MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	10.12	/	/	<=13	Pass
	3500.01	Outer_Full	9.76	/	/	<=13	Pass
	3499.98	Outer_Full	10.10	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	9.88	/	/	<=13	Pass
	3500.01	Outer_Full	9.94	/	/	<=13	Pass
	3499.98	Outer_Full	10.08	/	/	<=13	Pass

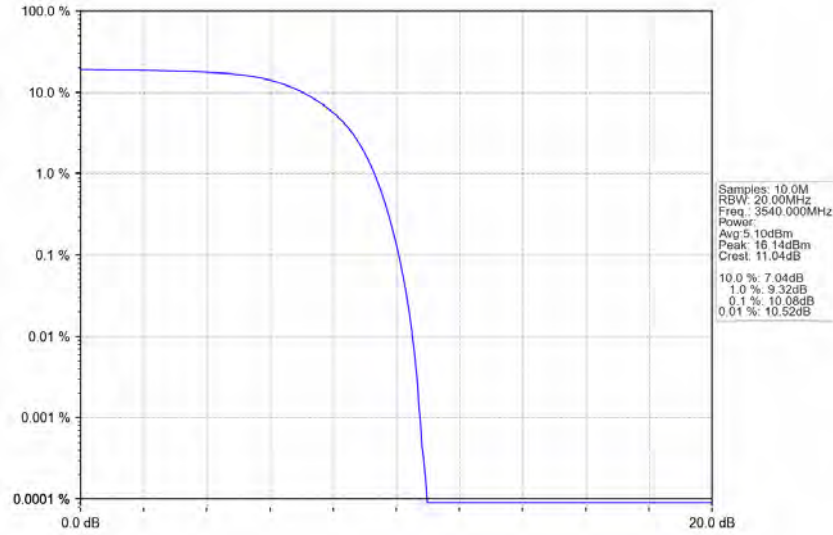
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	10.20	/	/	<=13	Pass
	3500.01	Outer_Full	10.02	/	/	<=13	Pass
	3499.98	Outer_Full	10.26	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	10.06	/	/	<=13	Pass
	3500.01	Outer_Full	10.24	/	/	<=13	Pass
	3499.98	Outer_Full	10.14	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	10.30	/	/	<=13	Pass
	3500.01	Outer_Full	10.14	/	/	<=13	Pass
	3499.98	Outer_Full	10.14	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	10.26	/	/	<=13	Pass
	3500.01	Outer_Full	10.26	/	/	<=13	Pass
	3499.98	Outer_Full	10.26	/	/	<=13	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	10.50	/	/	<=13	Pass
	3500.01	Outer_Full	10.42	/	/	<=13	Pass
	3499.98	Outer_Full	10.52	/	/	<=13	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	10.40	/	/	<=13	Pass
	3500.01	Outer_Full	10.54	/	/	<=13	Pass
	3499.98	Outer_Full	10.36	/	/	<=13	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	10.40	/	/	<=13	Pass
	3500.01	Outer_Full	10.40	/	/	<=13	Pass
	3499.98	Outer_Full	10.54	/	/	<=13	Pass

4.2 Test Graph

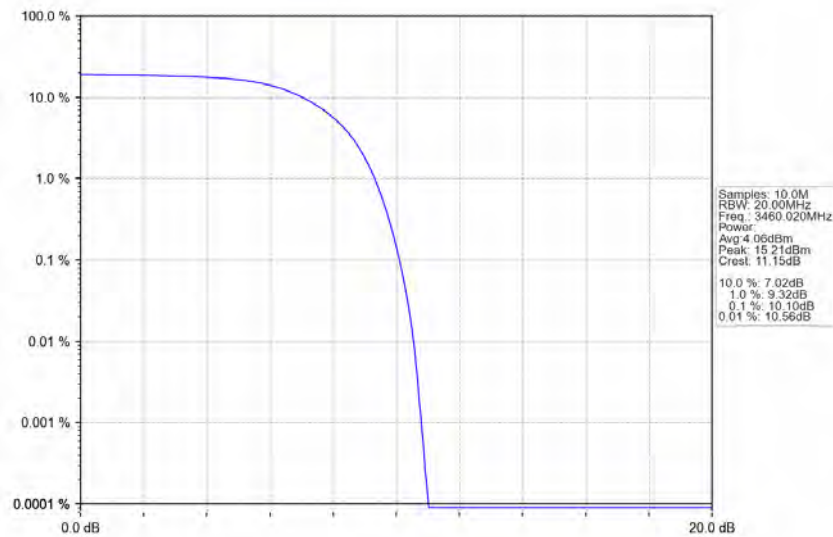
4.2.1 30k_SISO_20MHz_NTNV



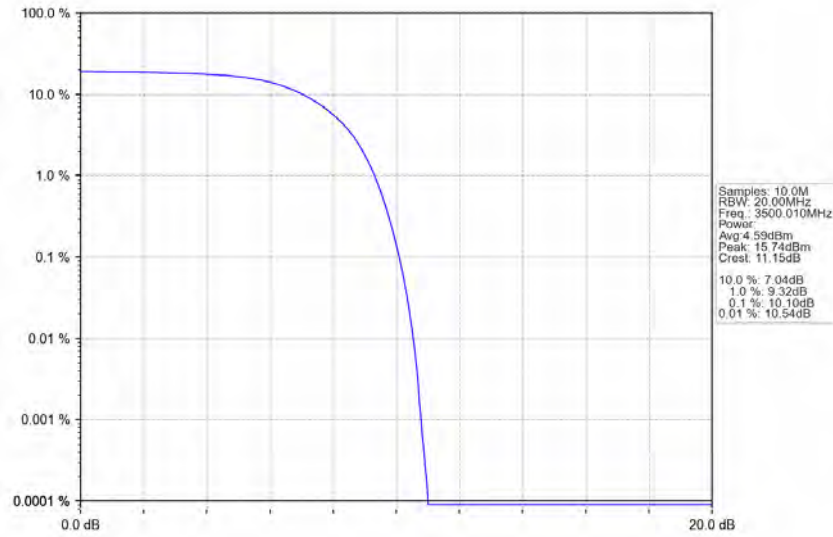
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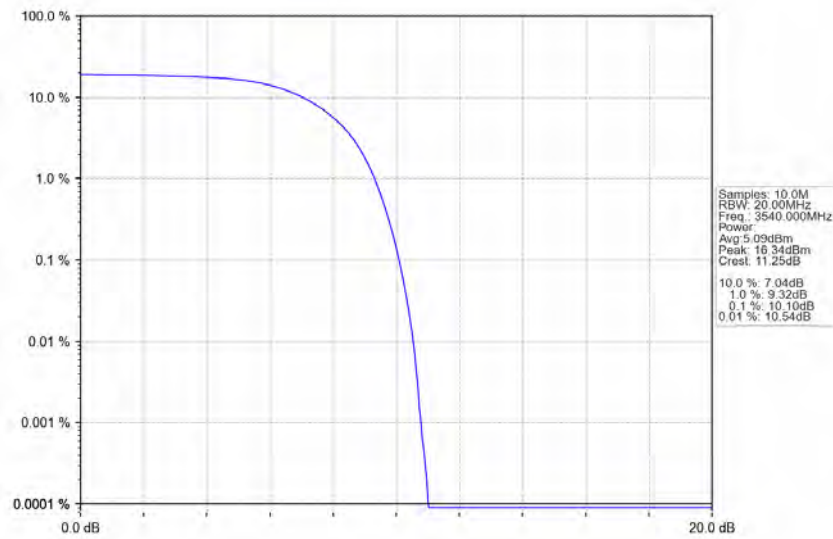
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3460.02MHz Outer Full Ant1



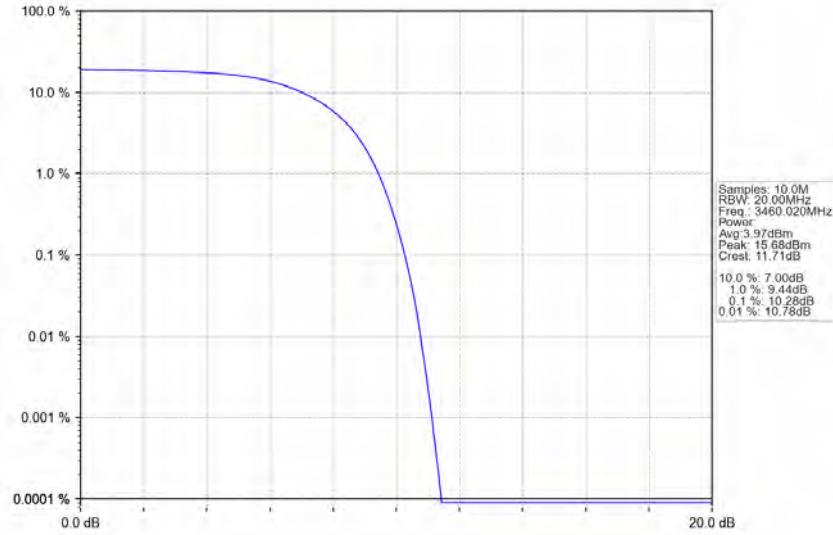
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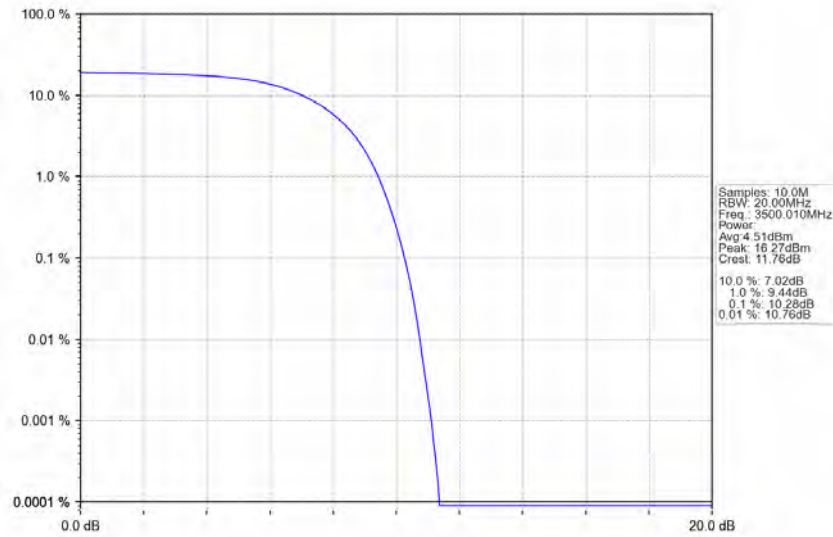
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3540MHz Outer Full Ant1



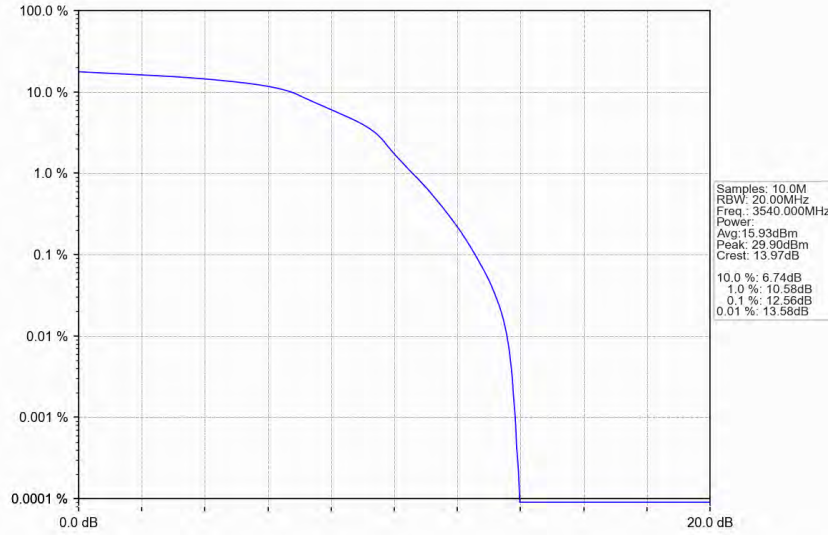
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3460.02MHz Outer Full Ant1



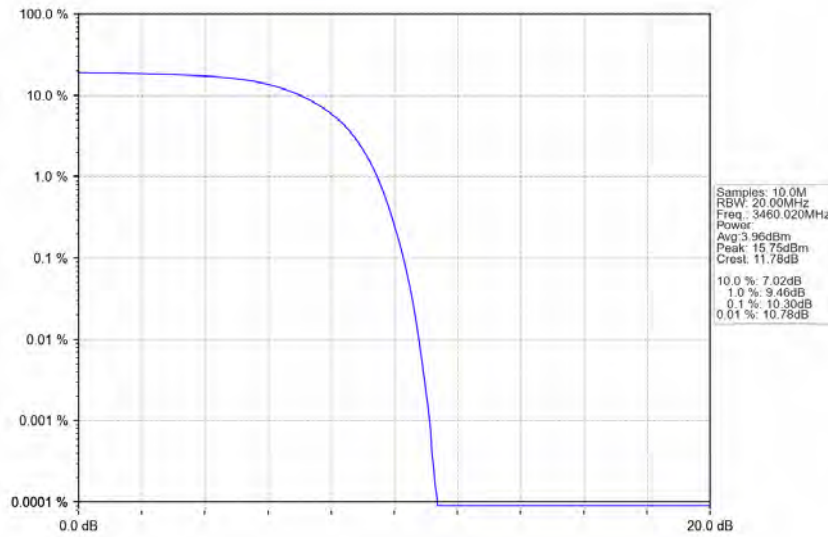
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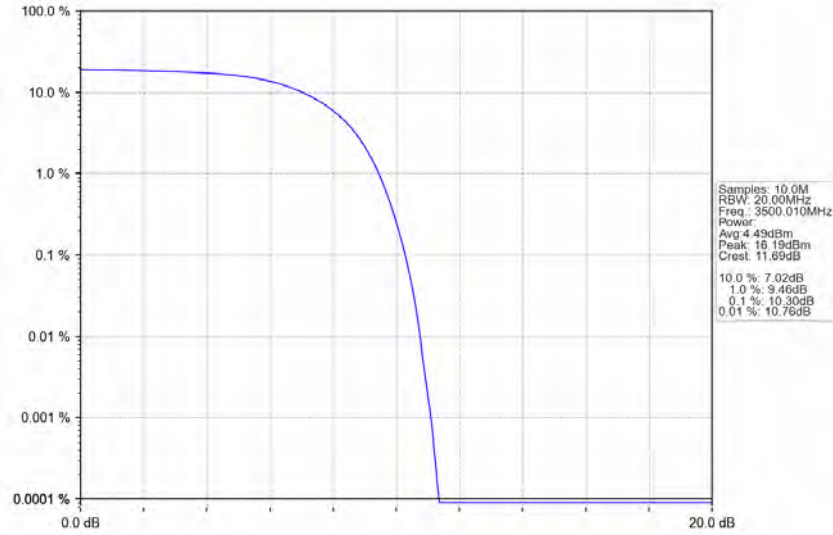
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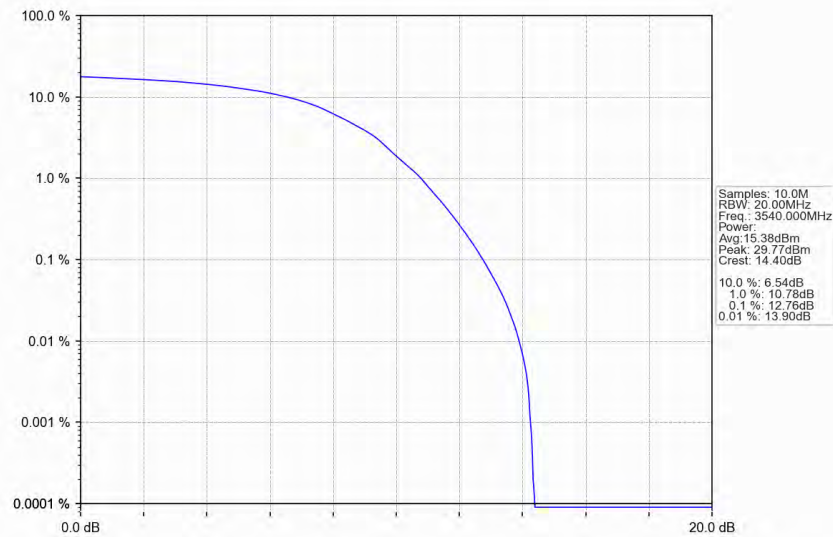
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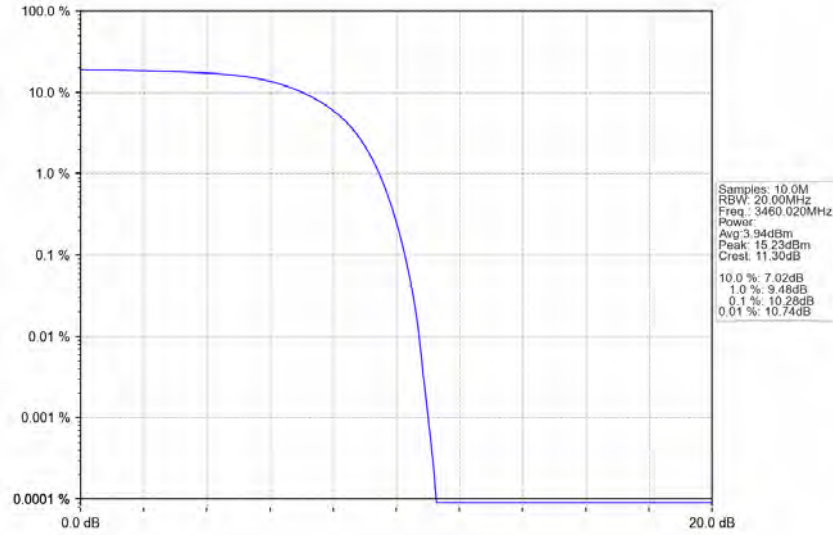
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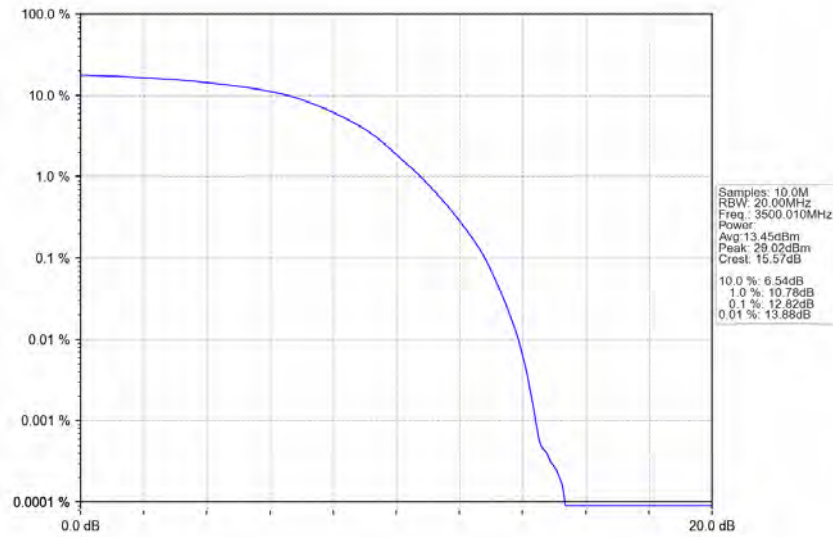
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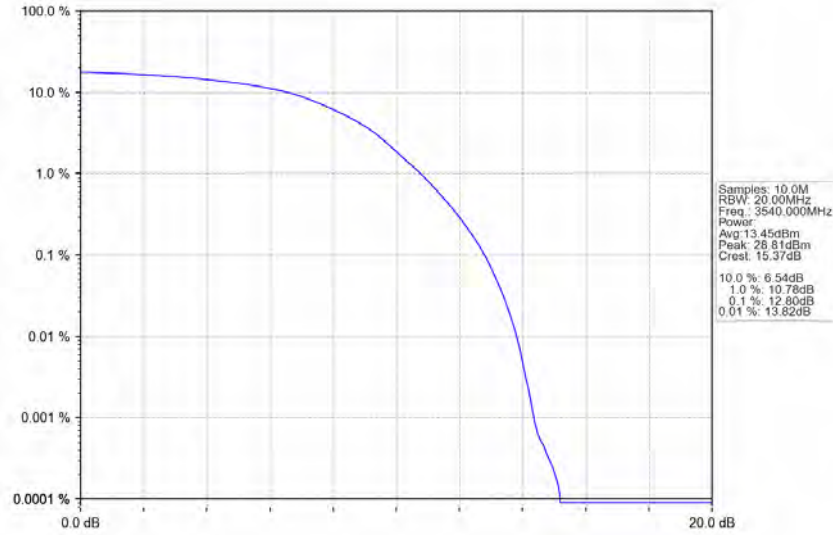
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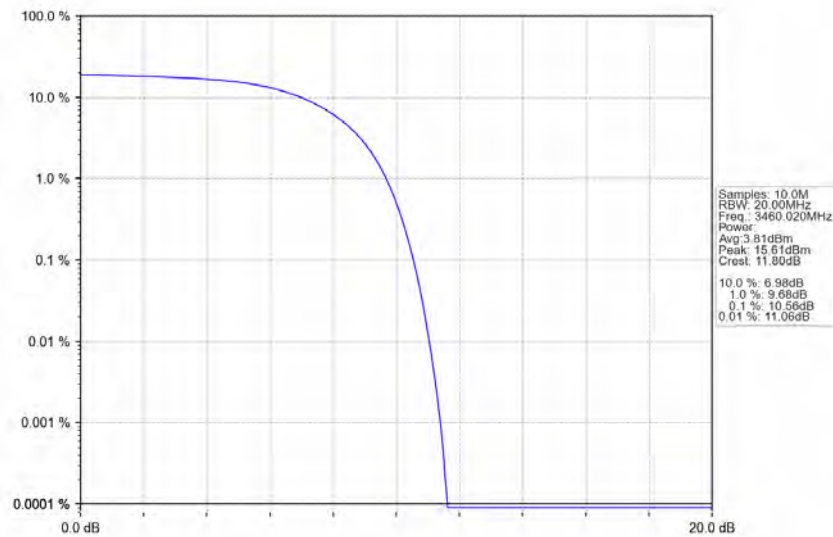
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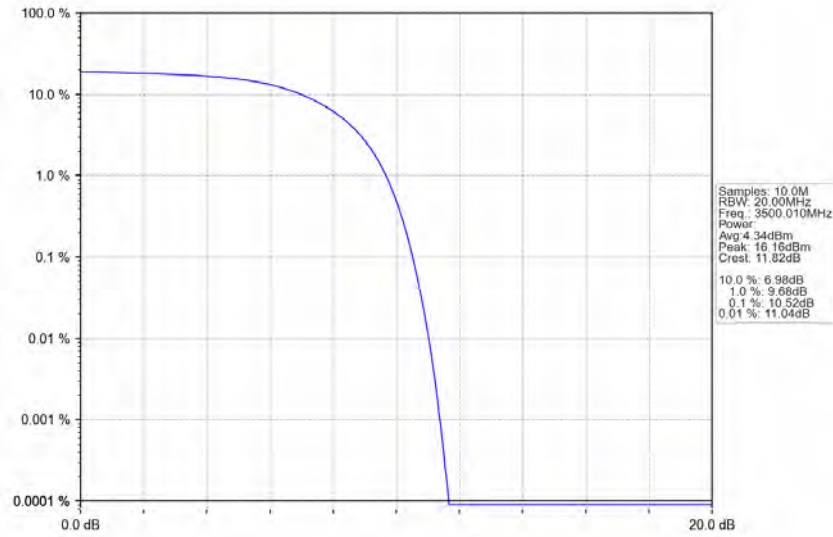
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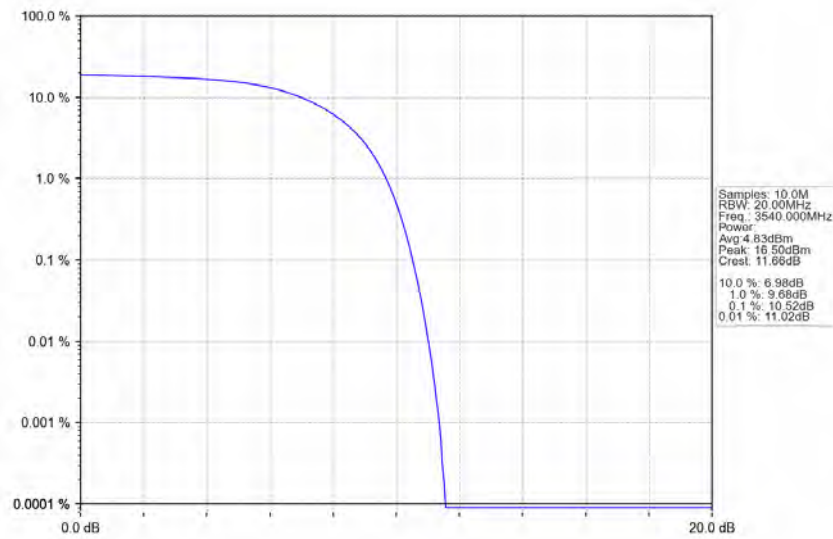
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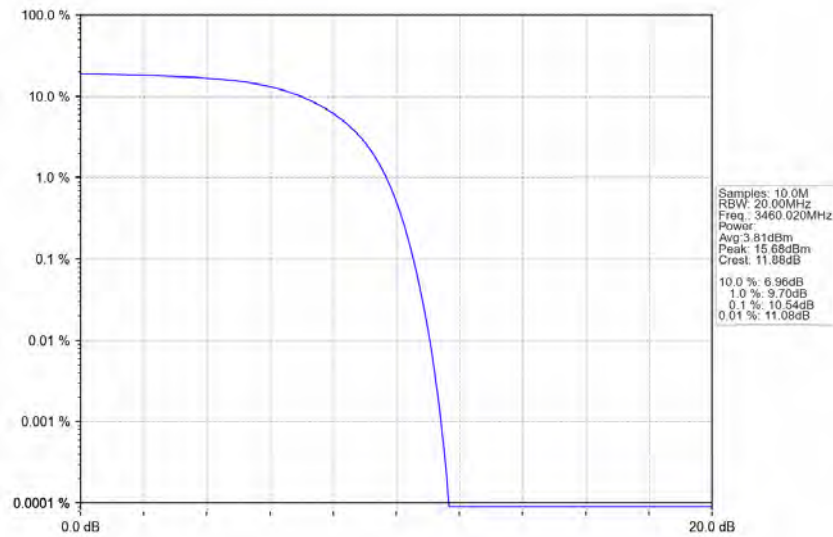
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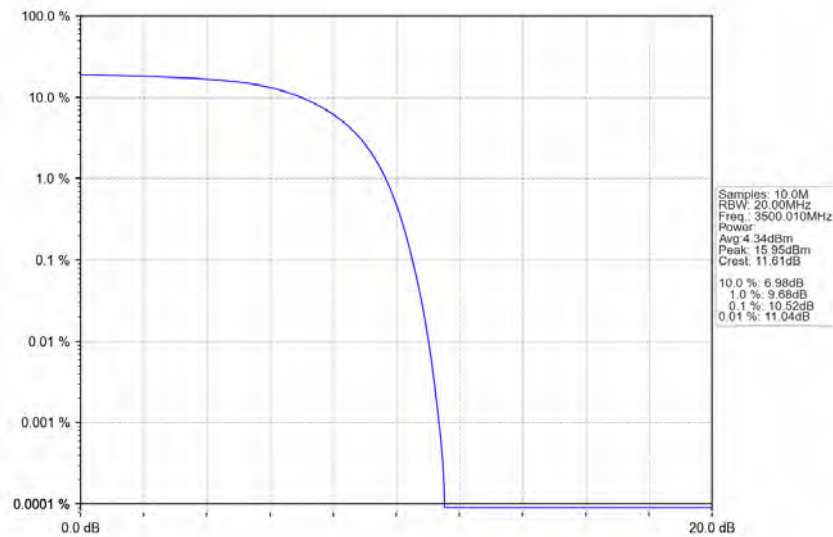
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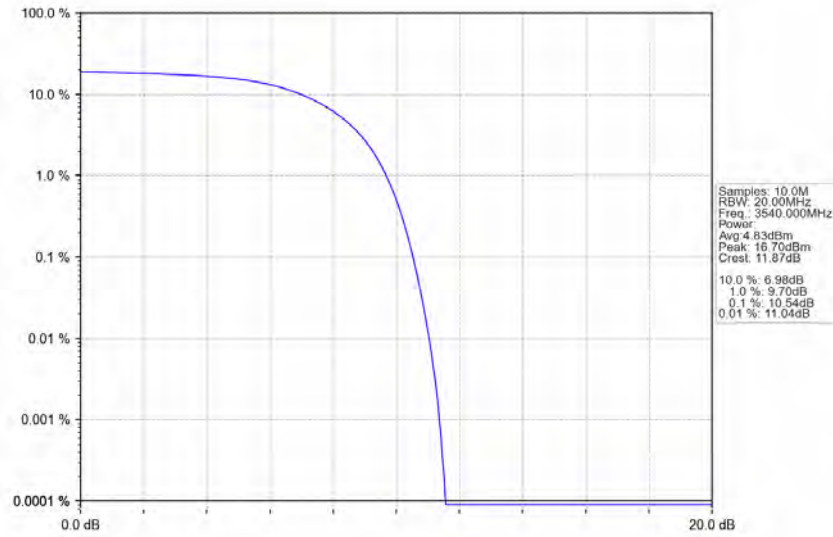
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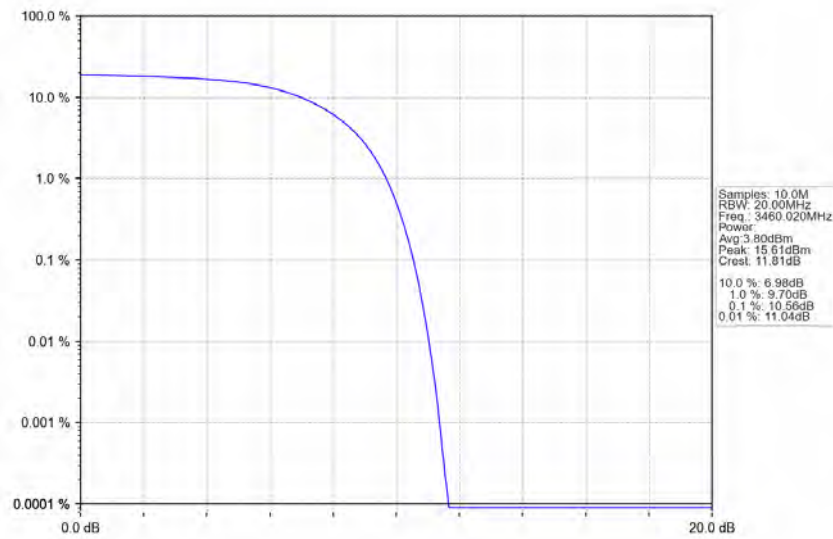
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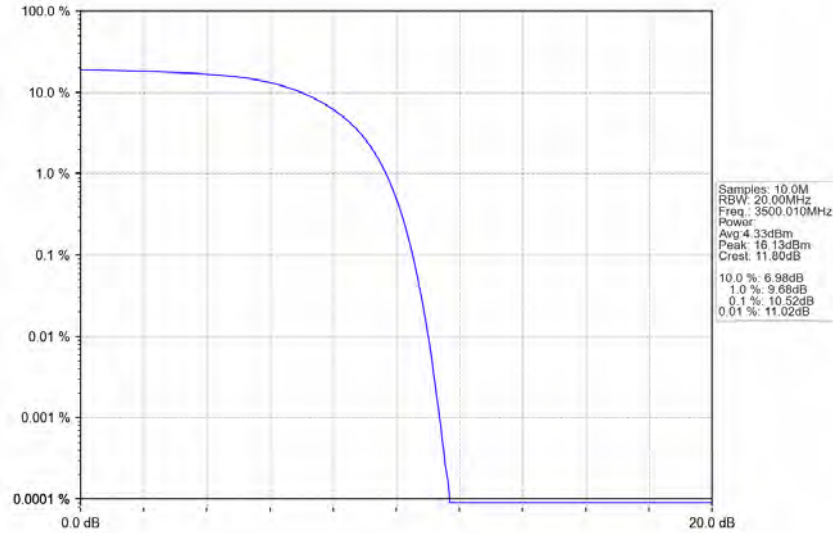
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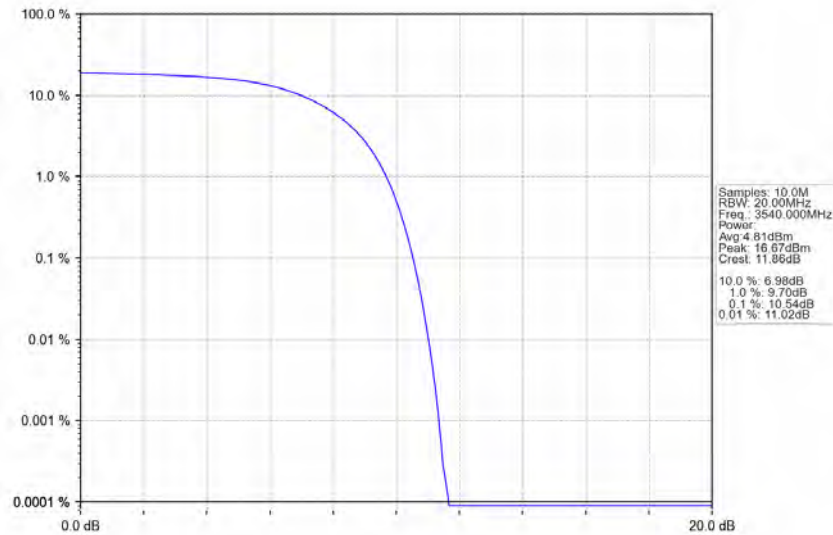
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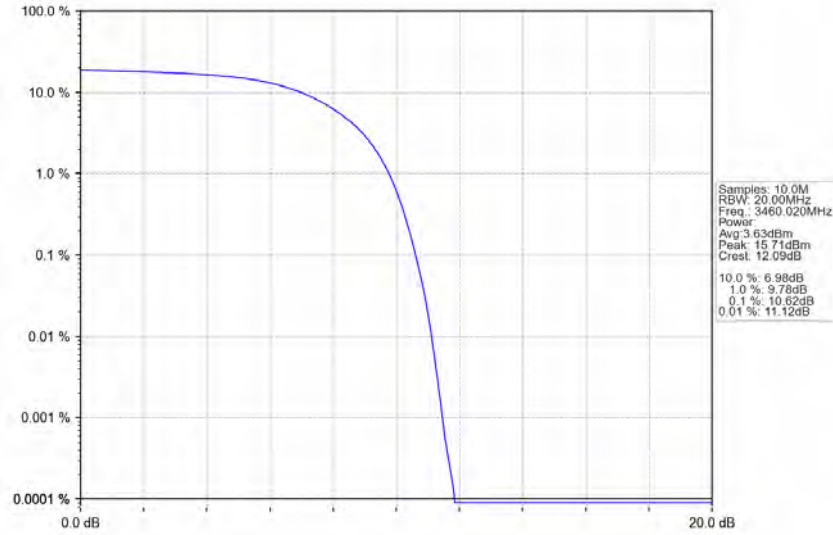
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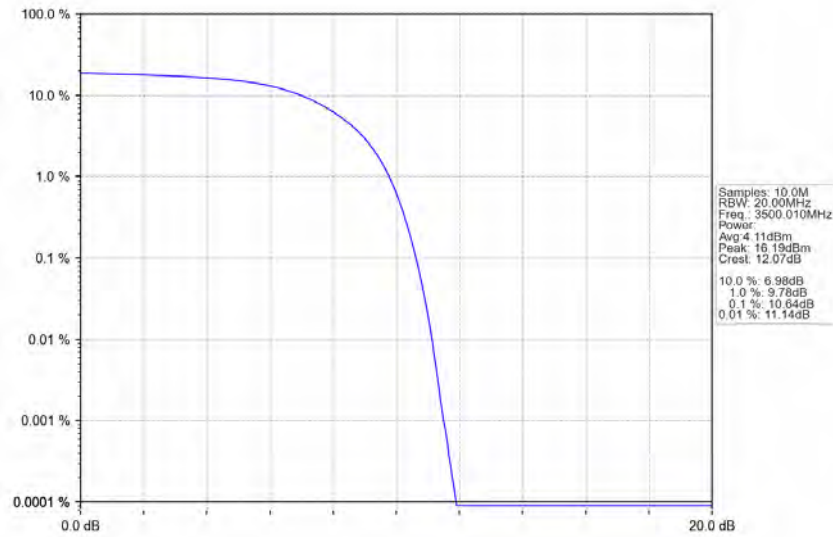
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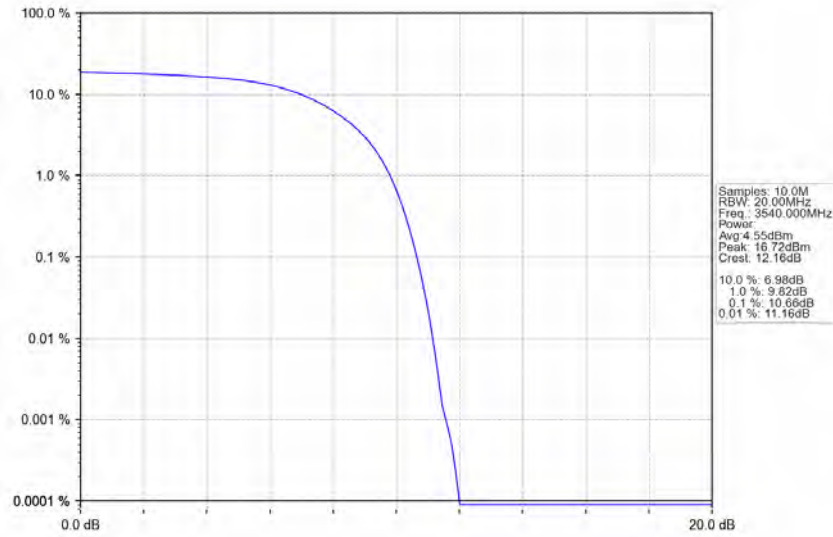
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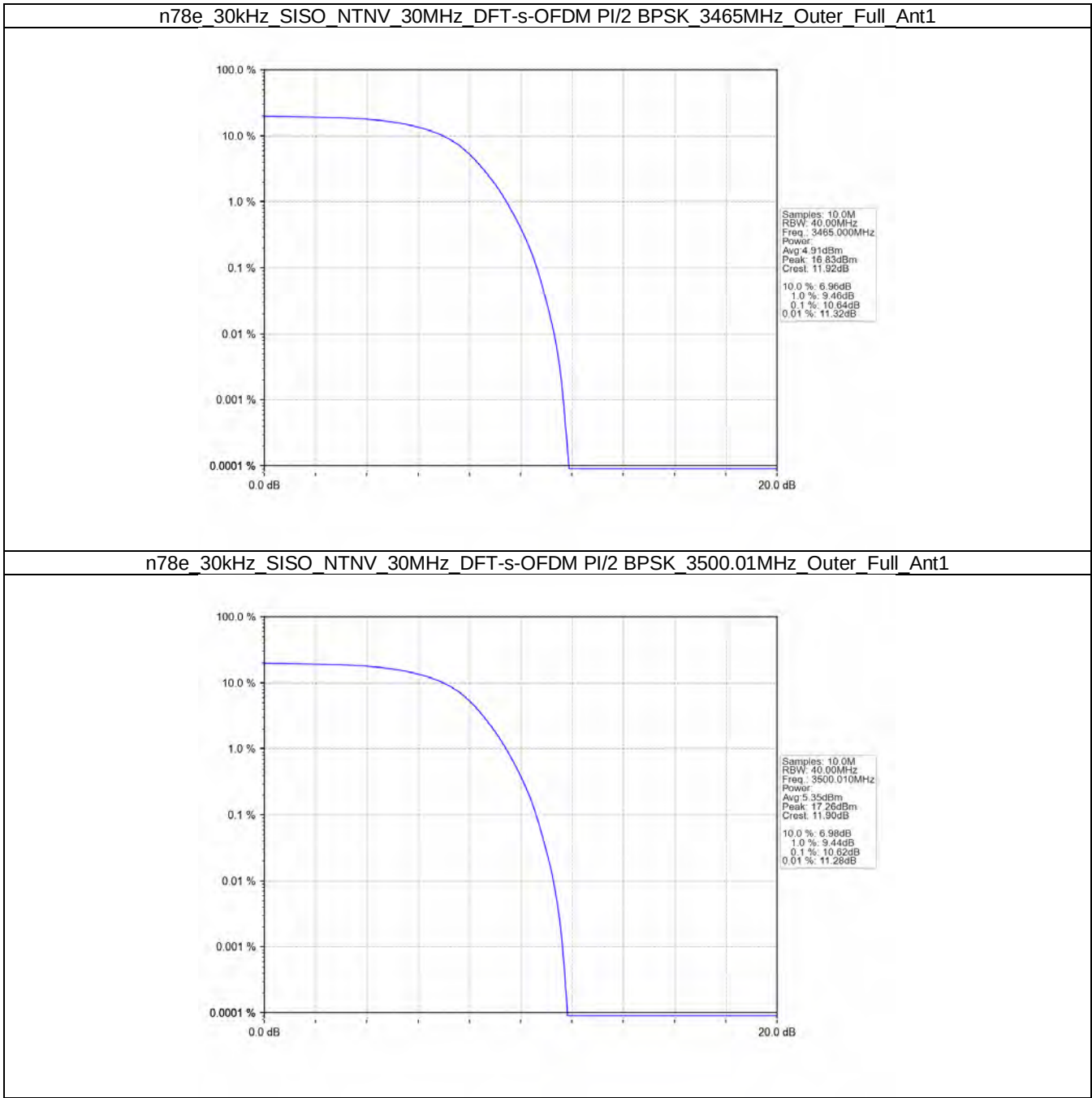
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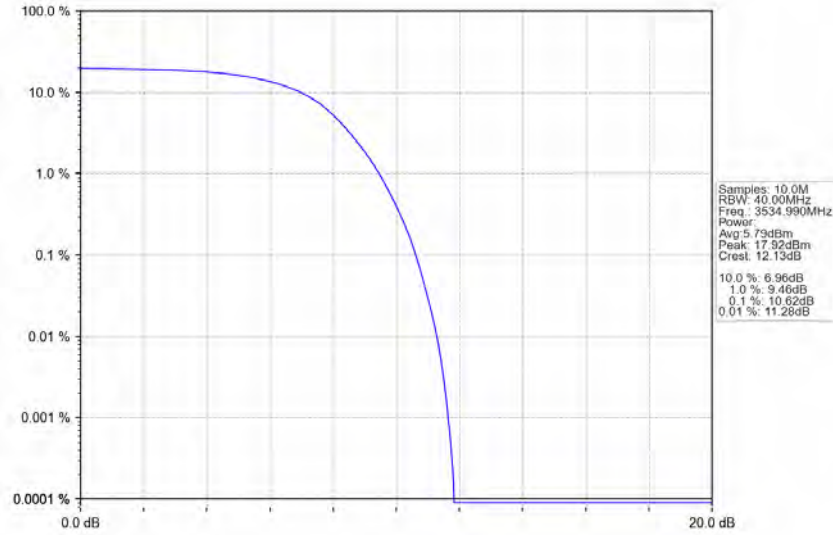
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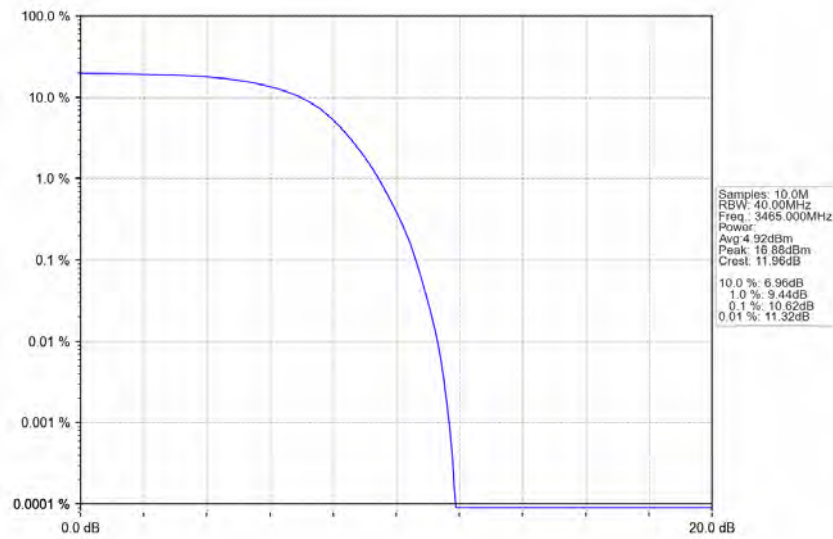
4.2.2 30k_SISO_30MHz_NTNV



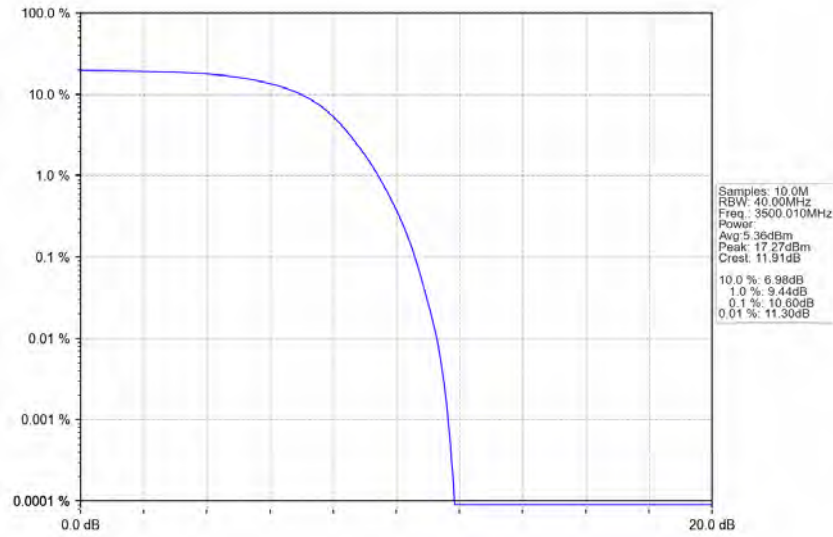
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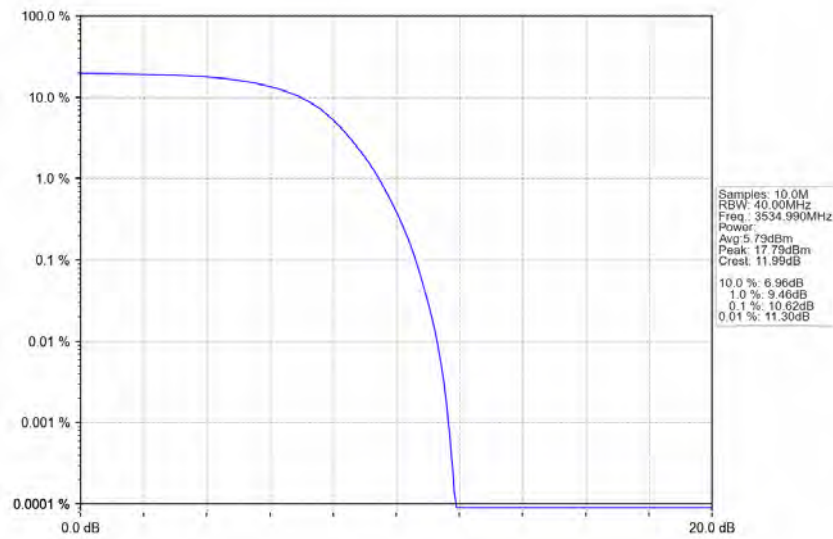
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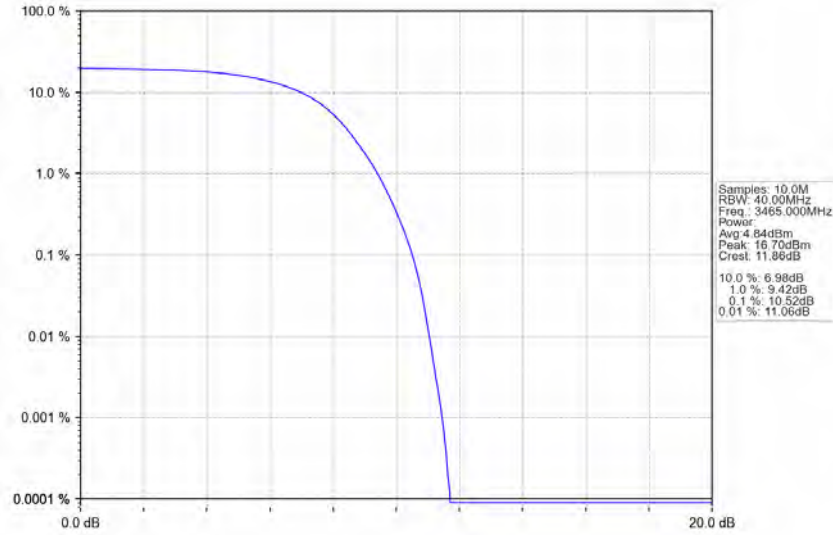
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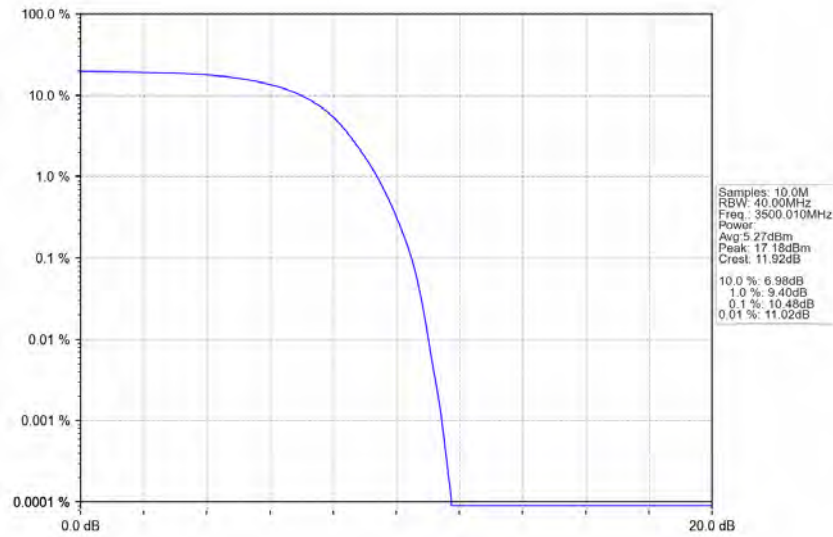
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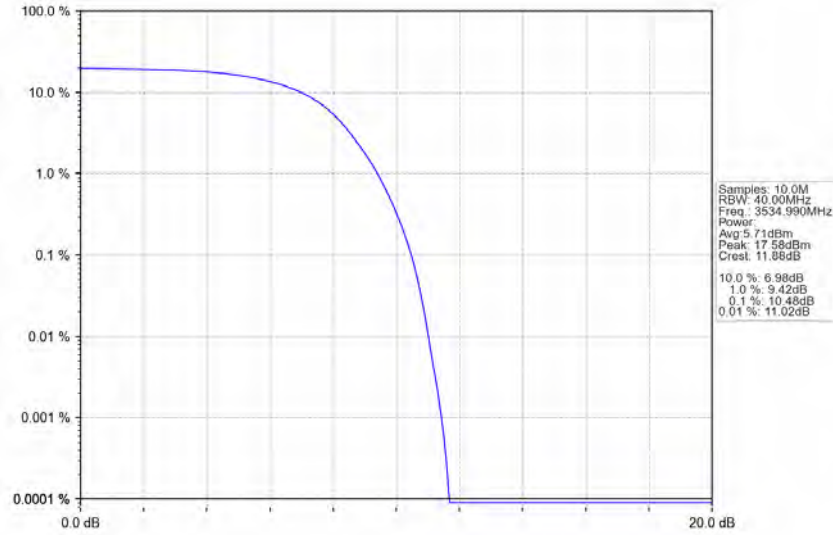
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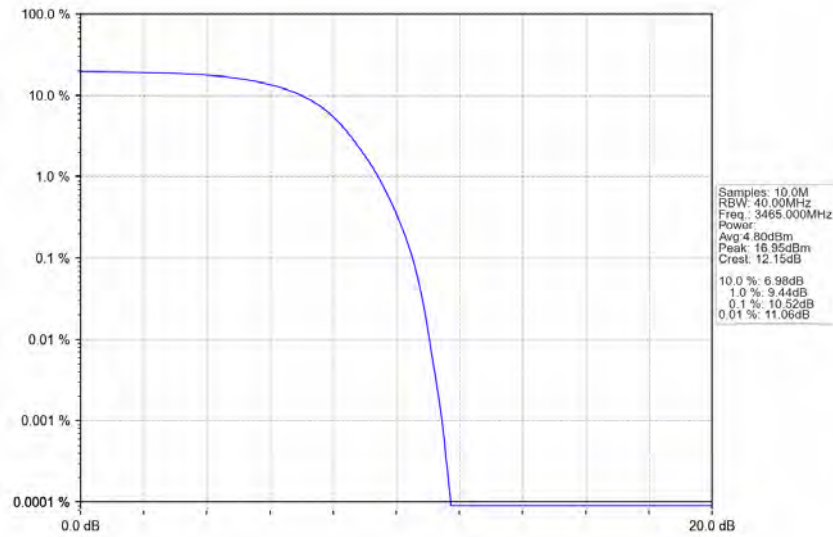
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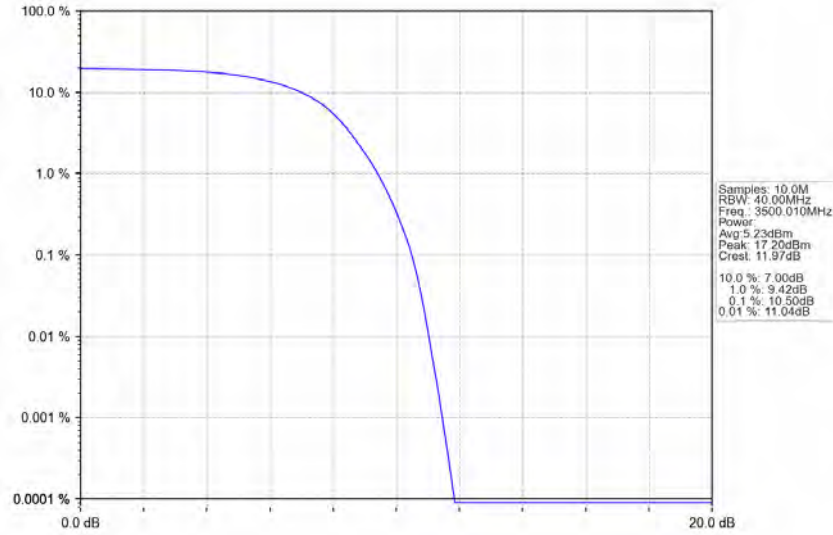
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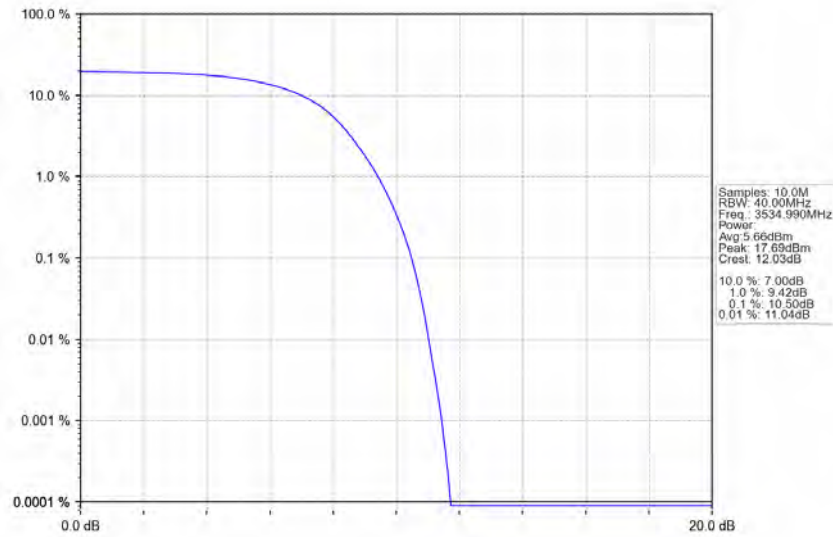
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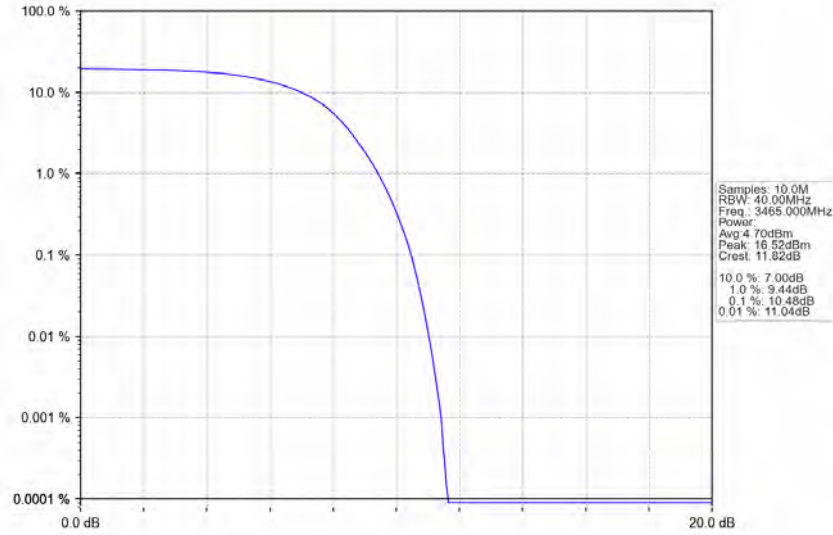
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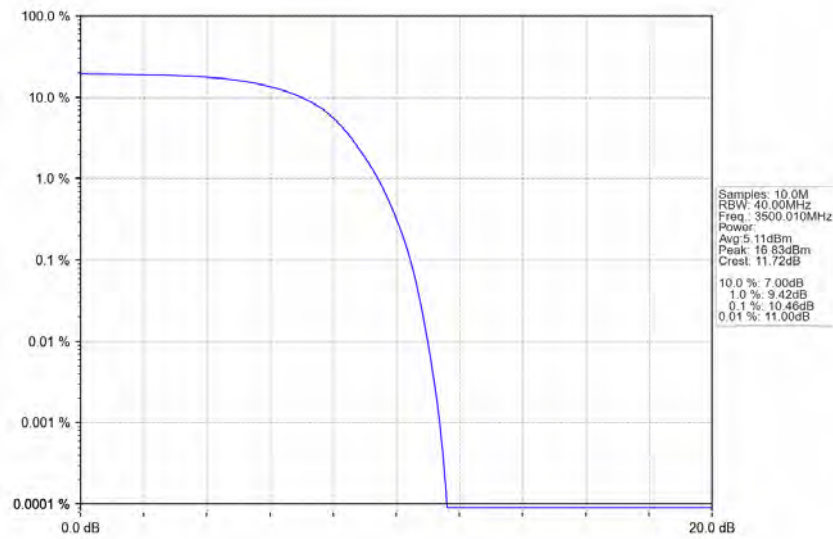
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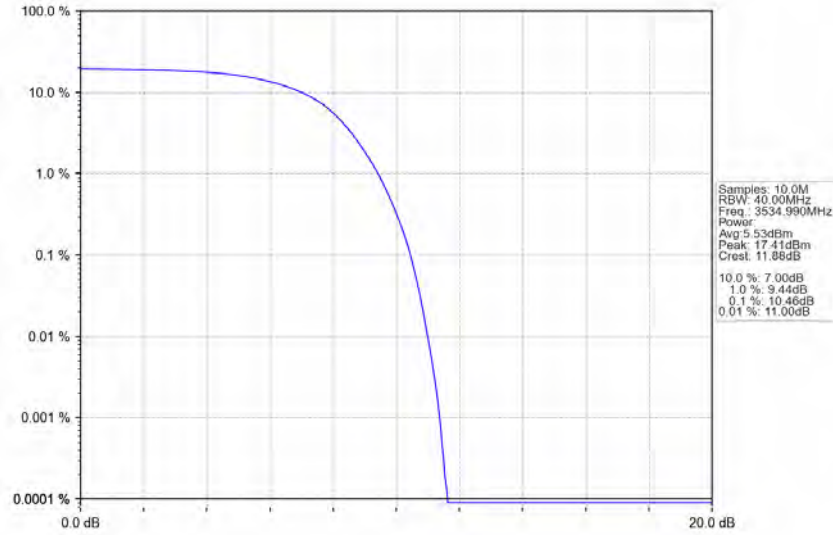
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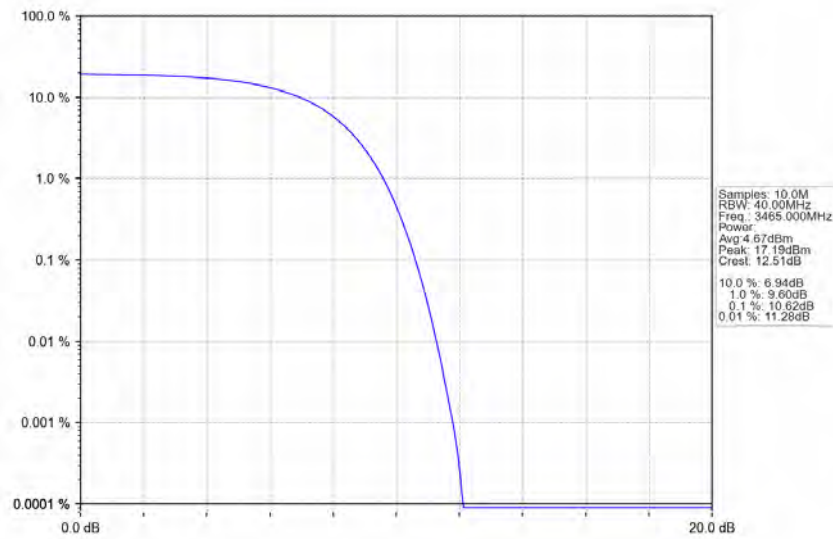
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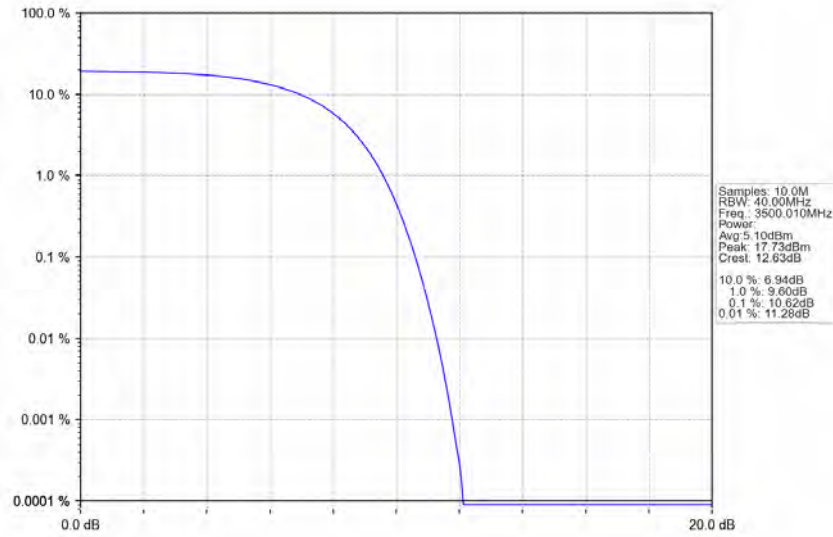
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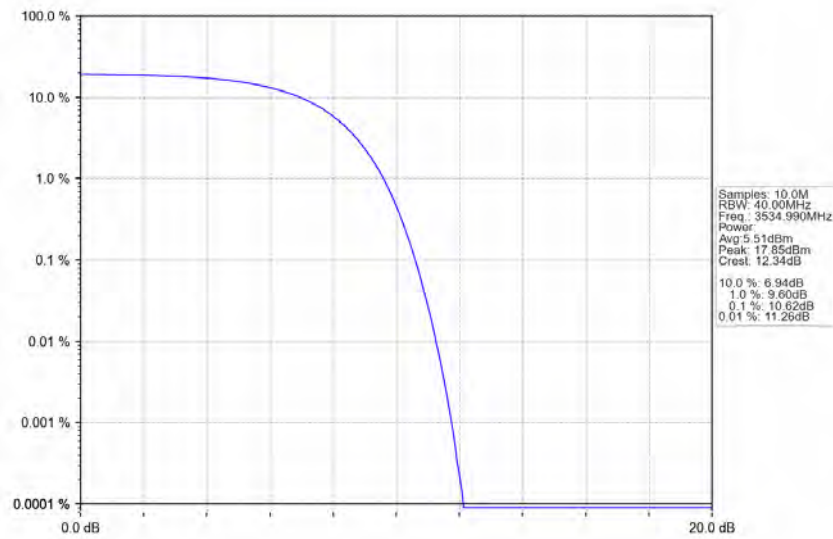
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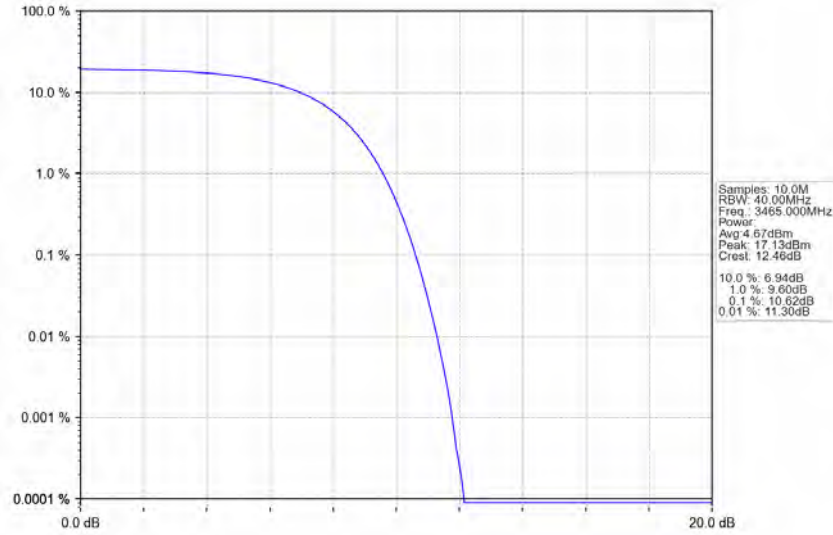
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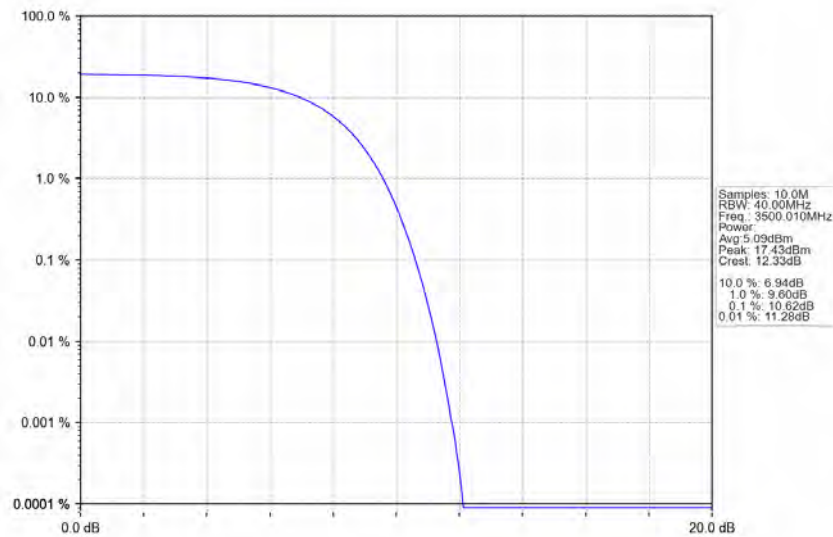
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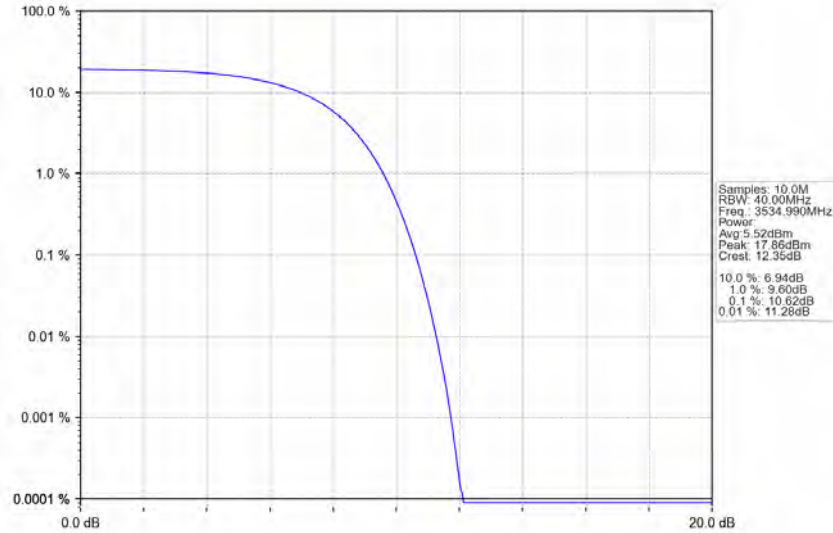
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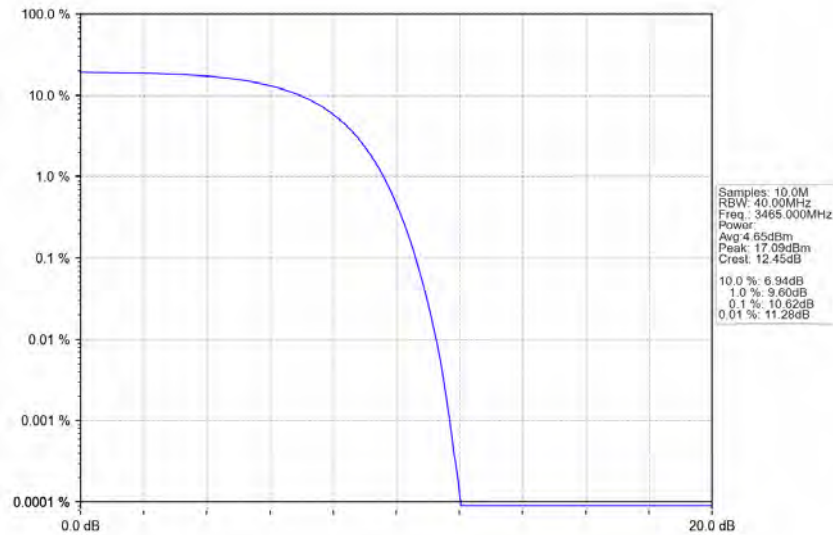
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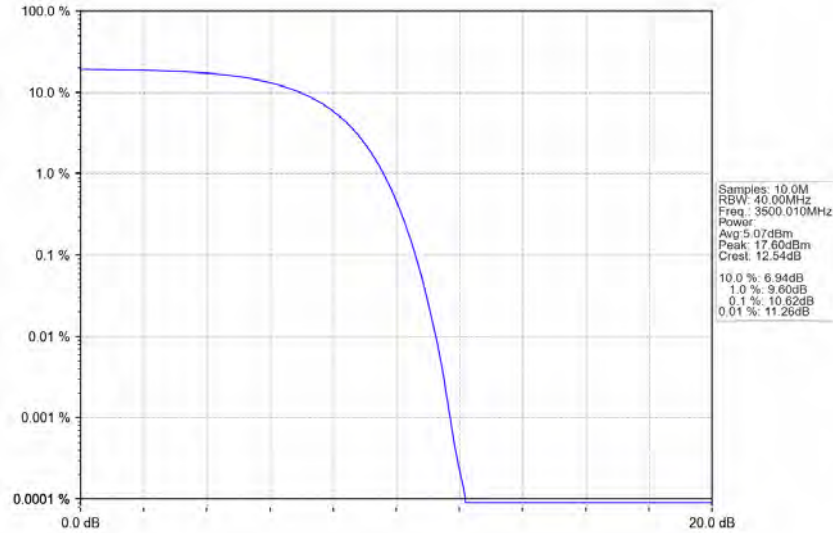
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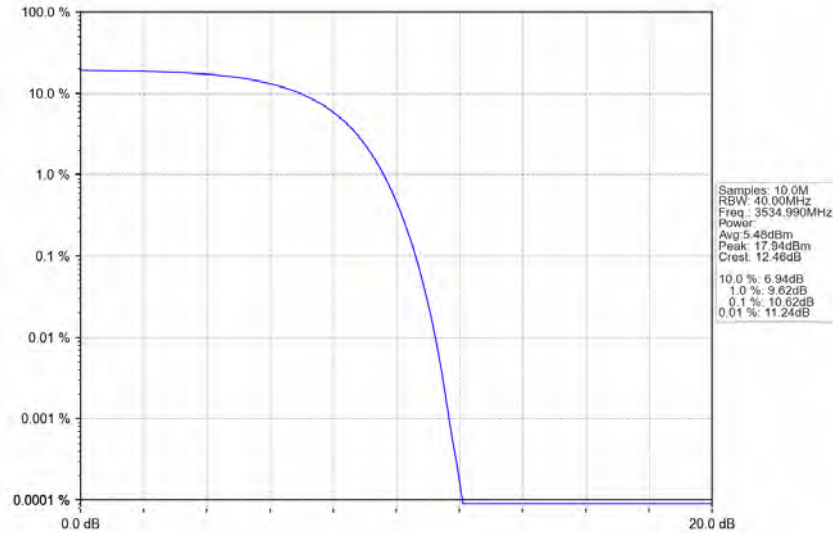
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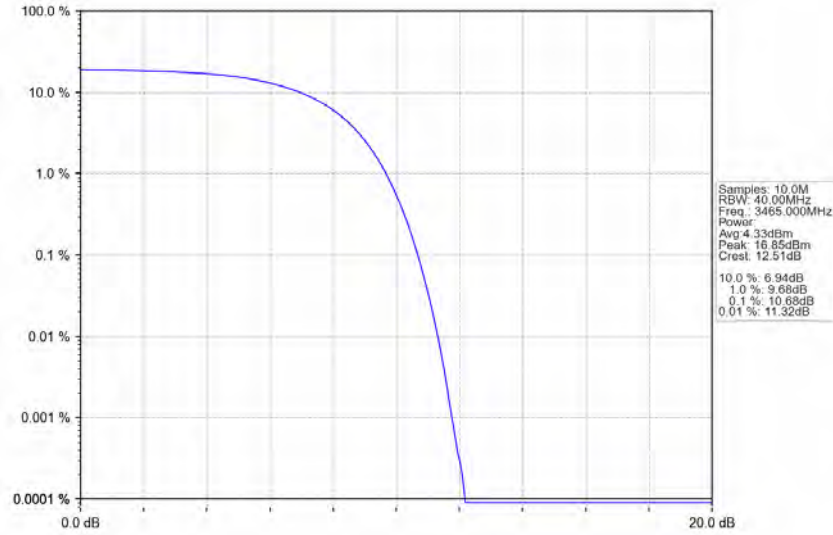
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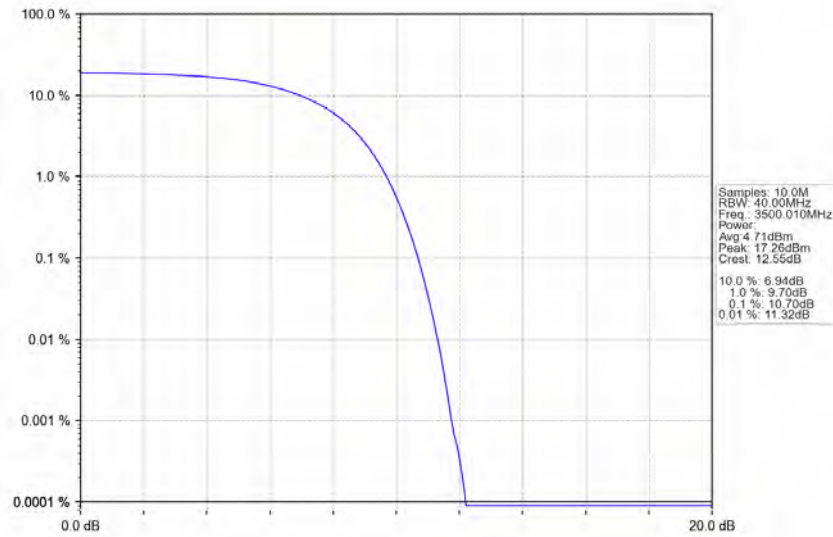
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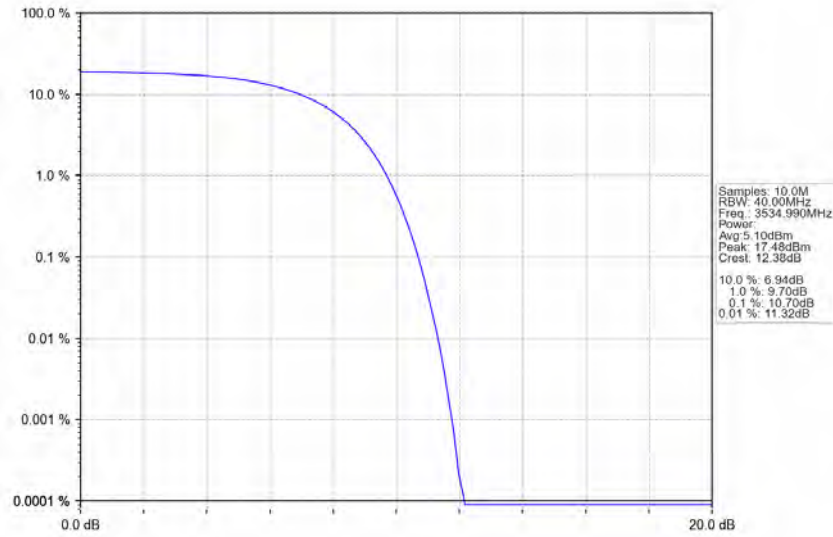
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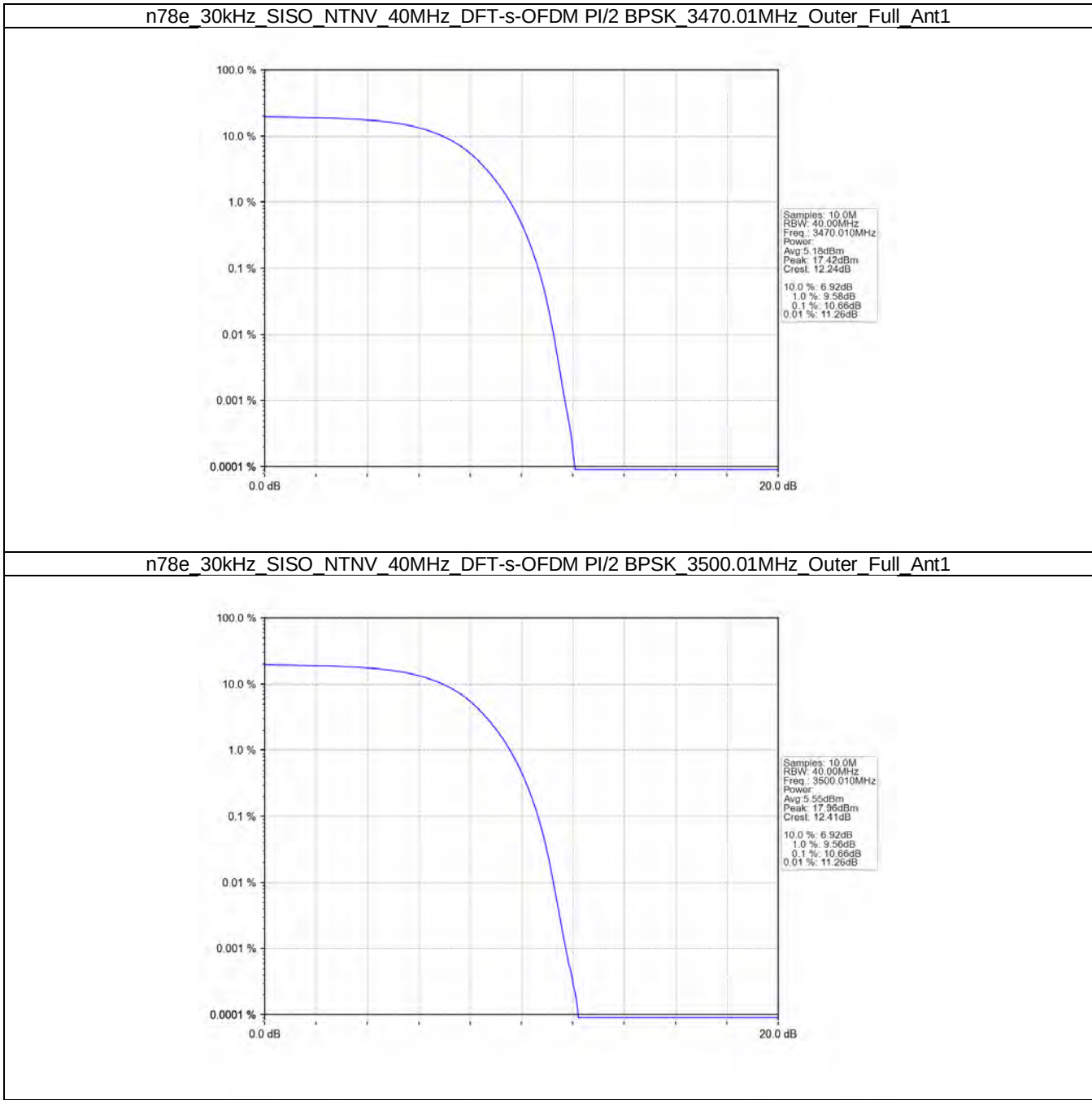
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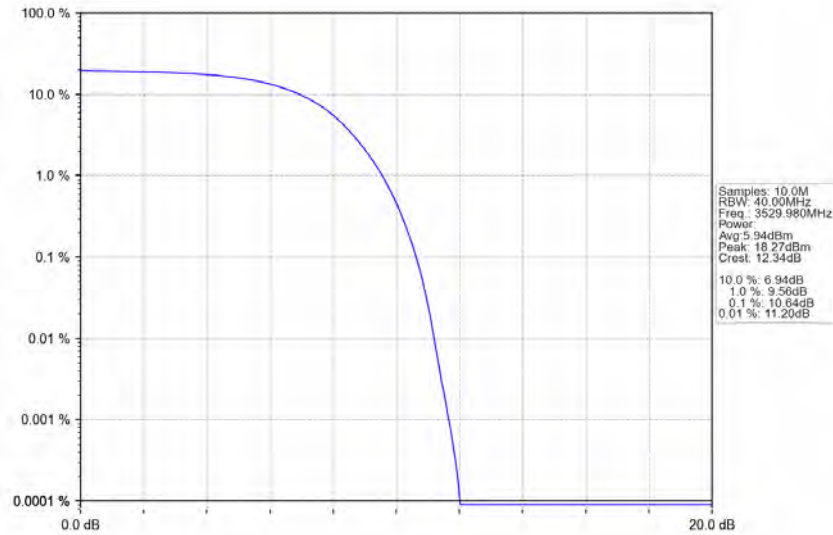
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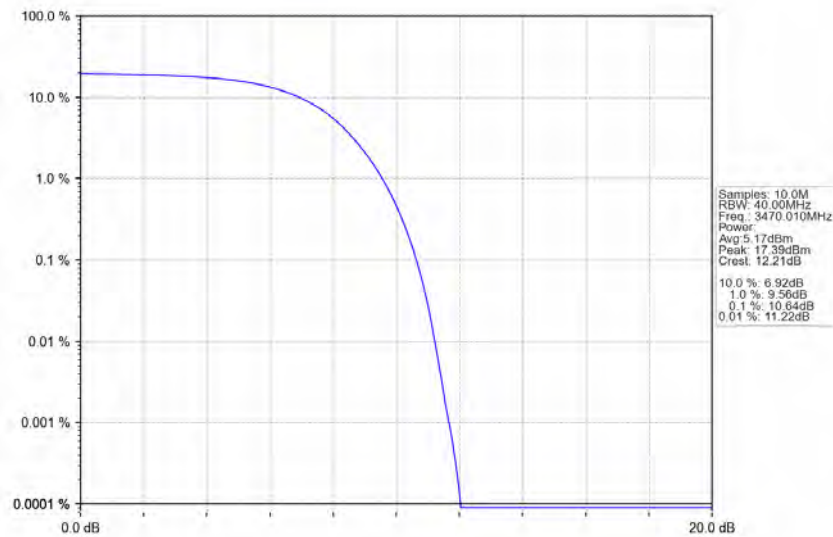
4.2.3 30k_SISO_40MHz_NTNV



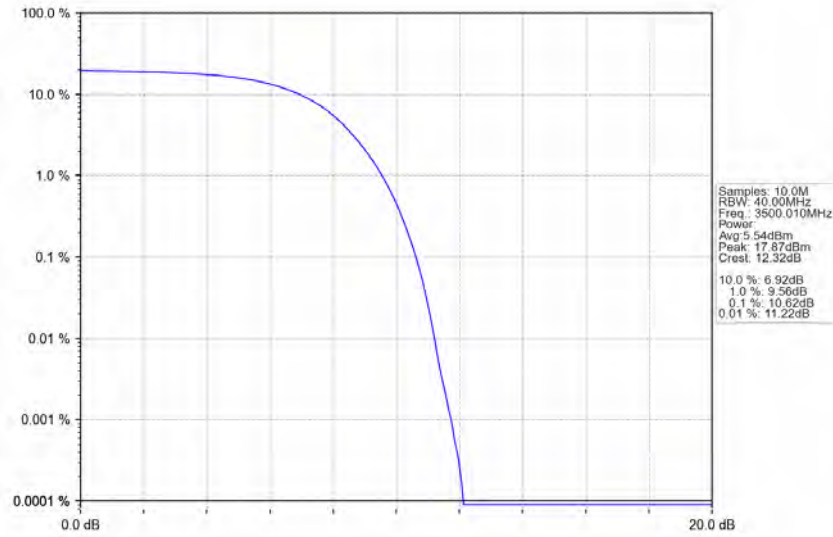
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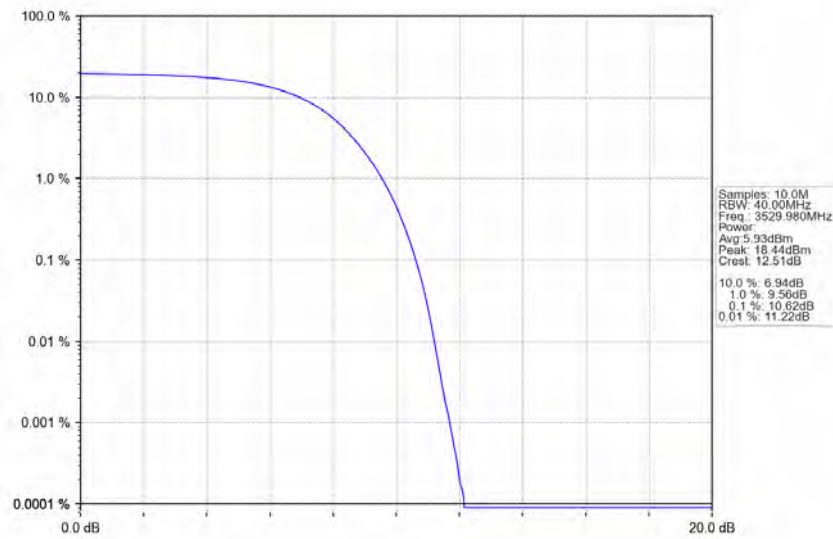
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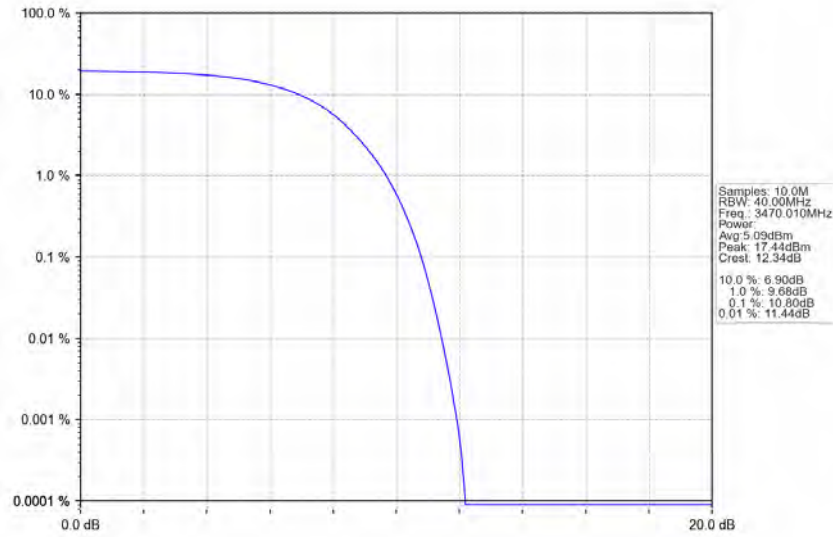
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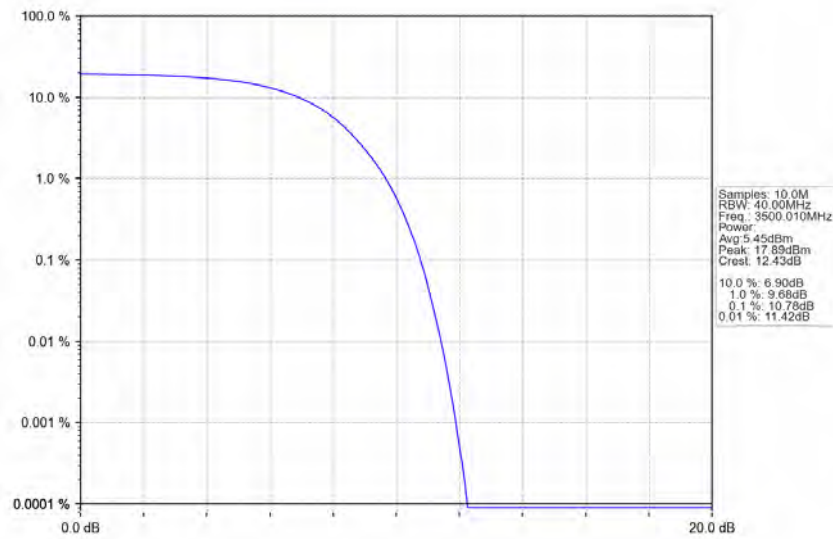
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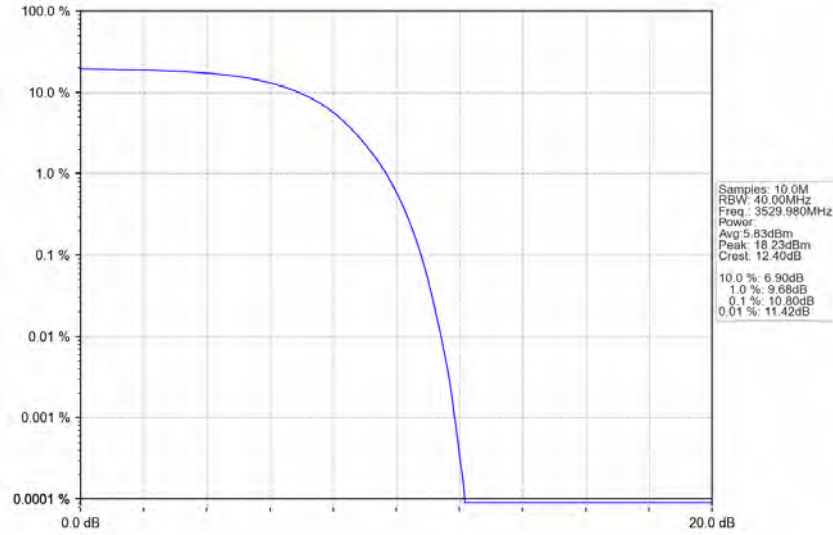
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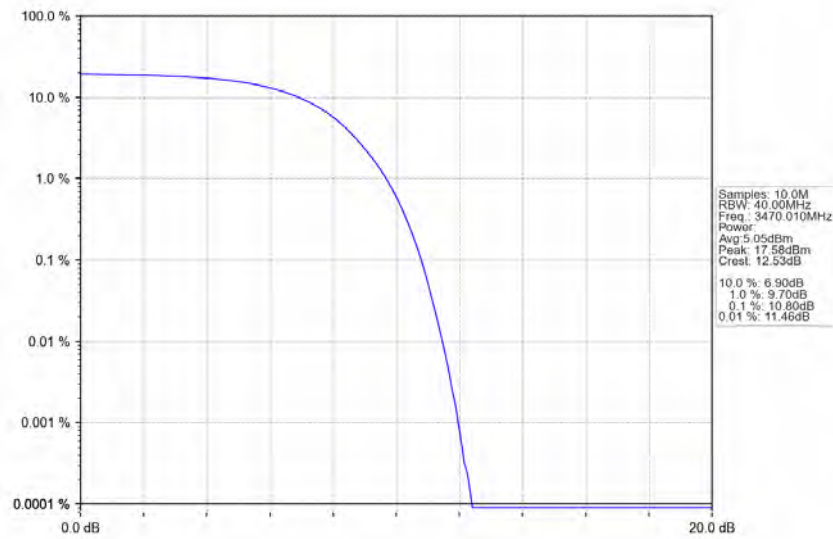
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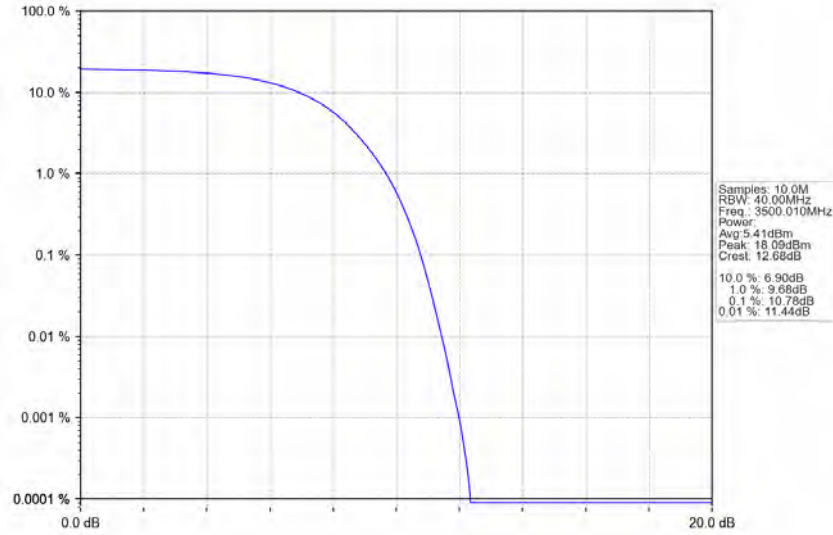
n78e 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3529.98MHz Outer Full Ant1



n78e 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3470.01MHz Outer Full Ant1



n78e 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1



n78e 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3529.98MHz Outer Full Ant1

