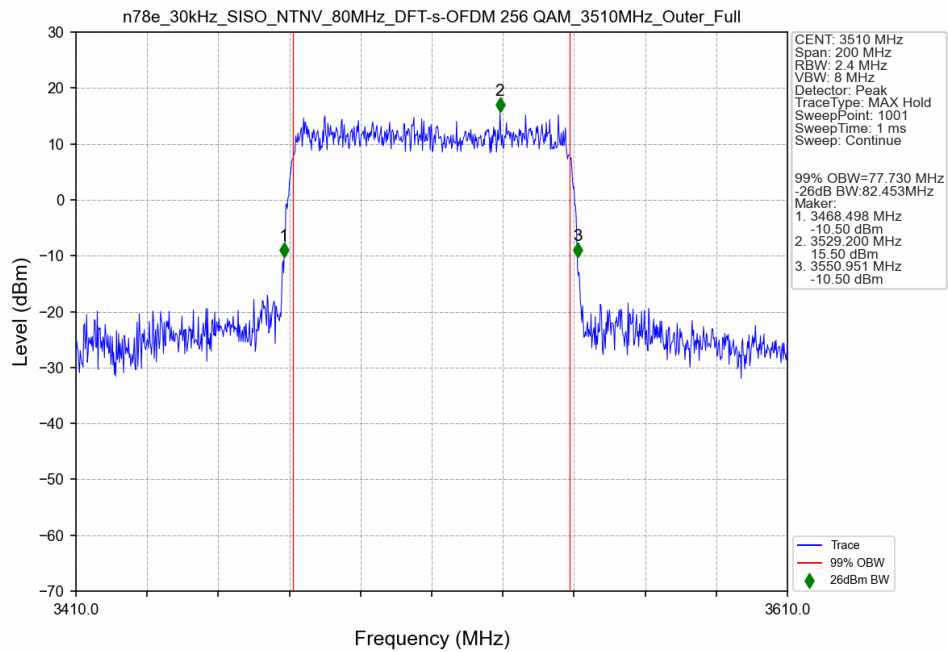
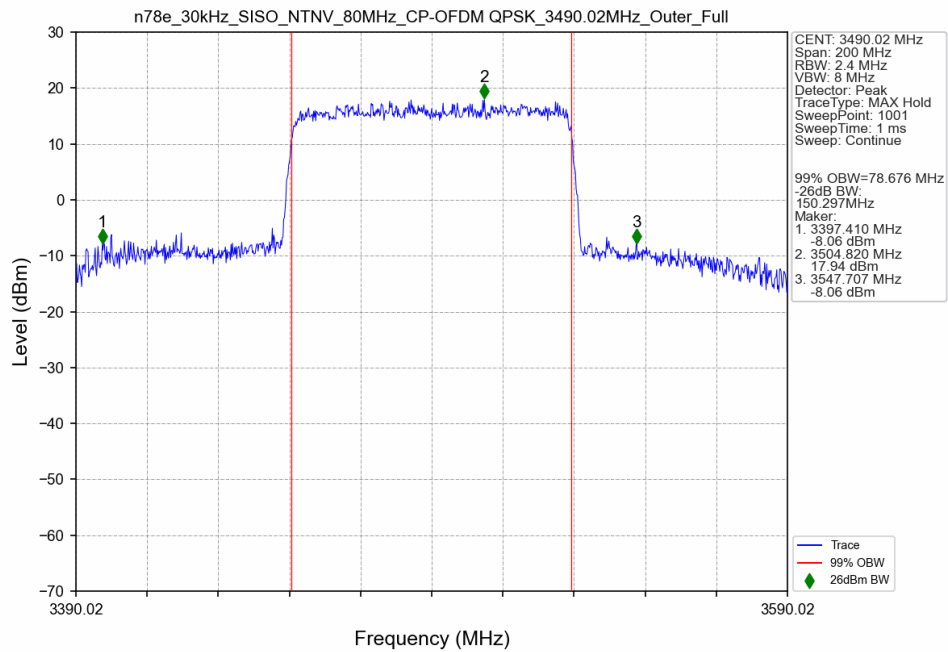


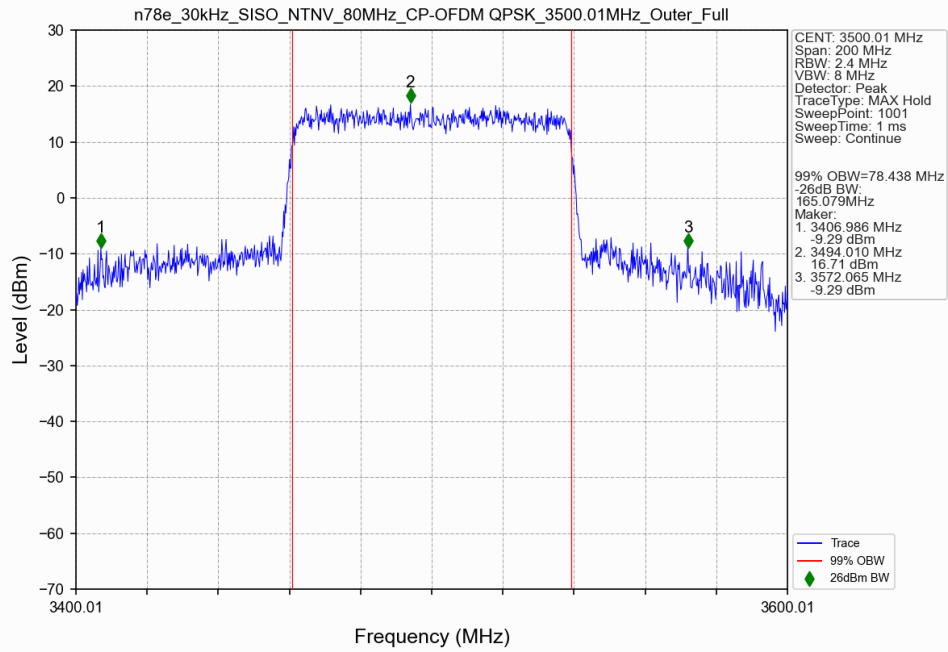
n78e 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3510MHz Outer Full Ant3



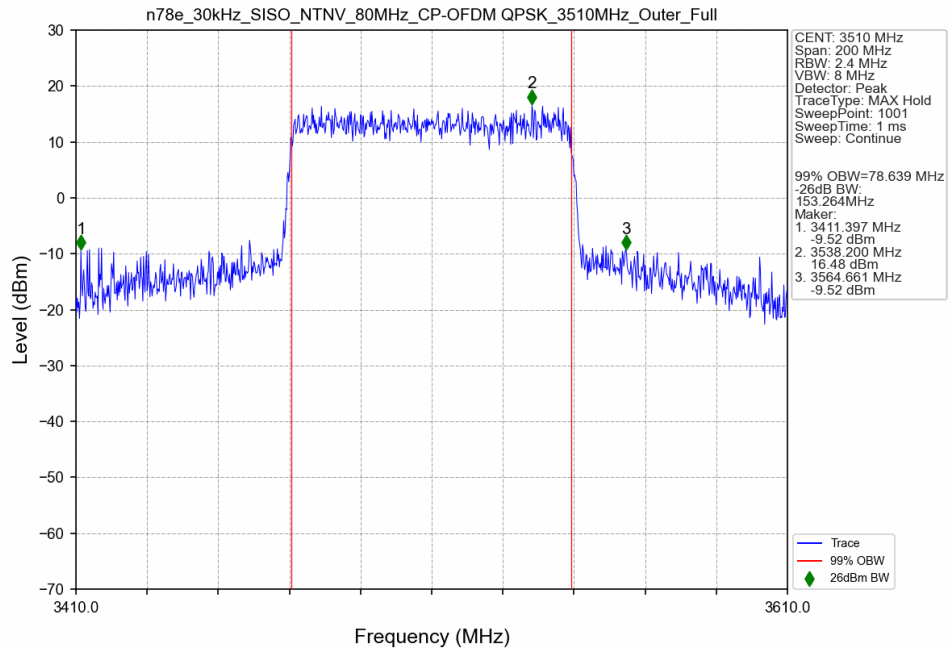
n78e 30kHz SISO NTN 80MHz CP-OFDM QPSK 3490.02MHz Outer Full Ant3



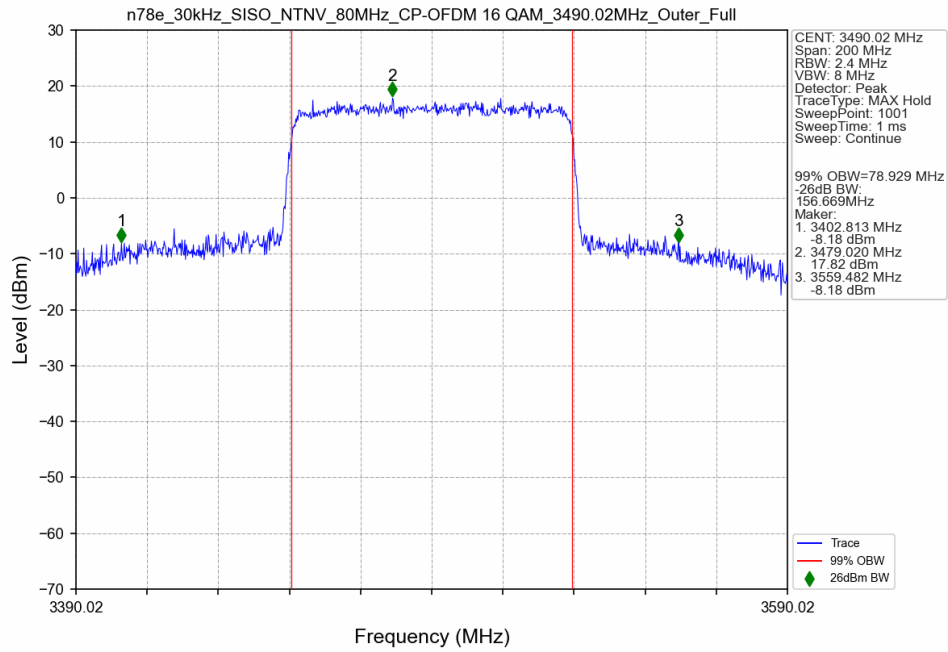
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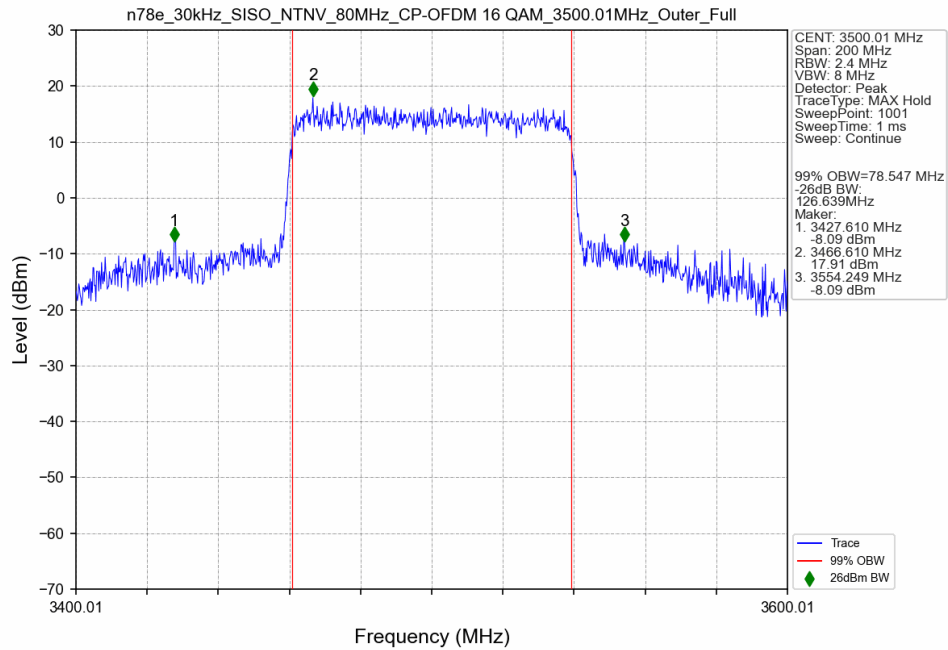
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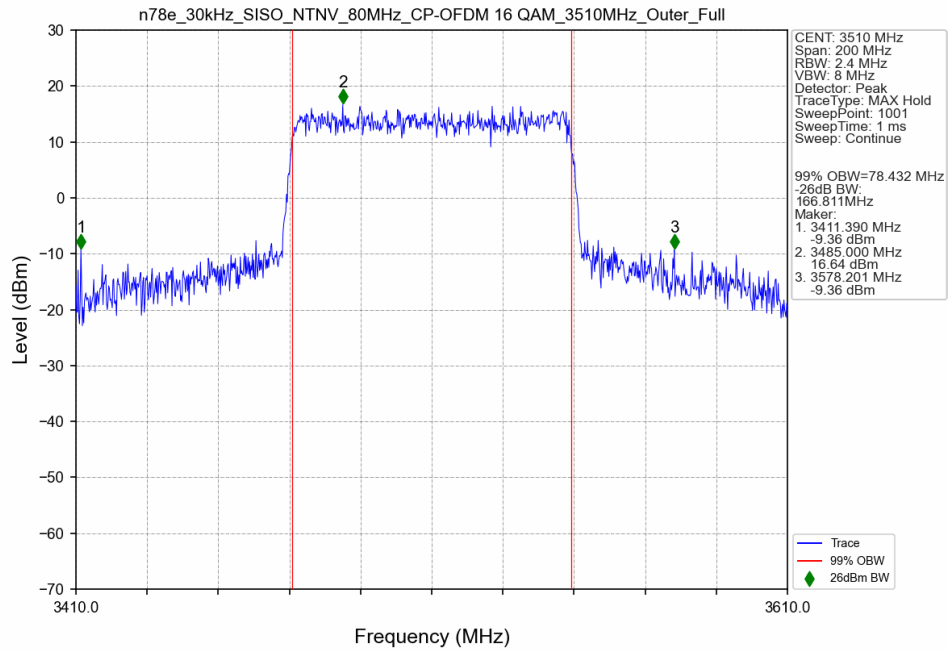
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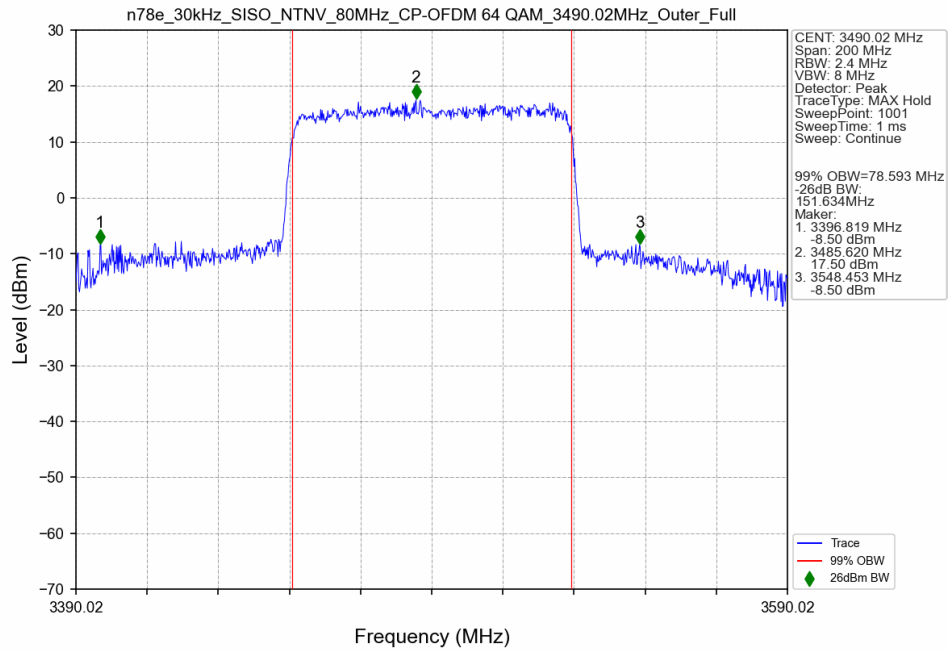
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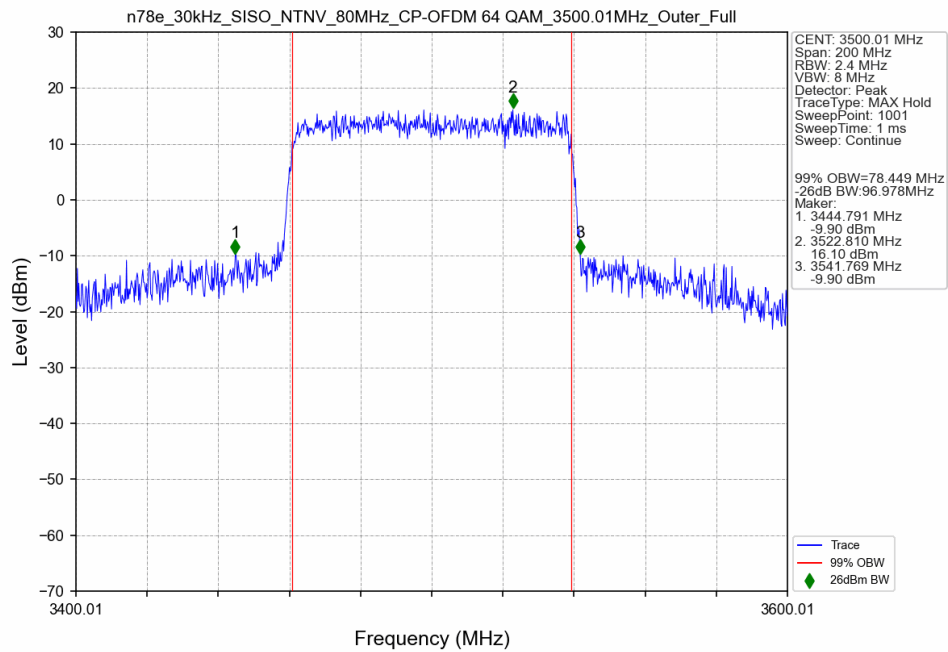
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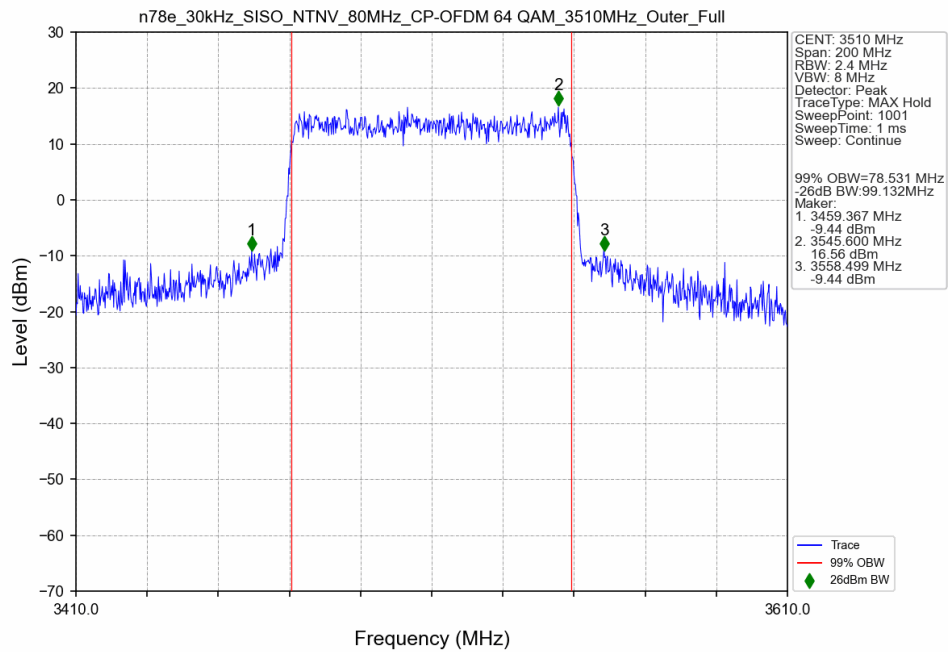
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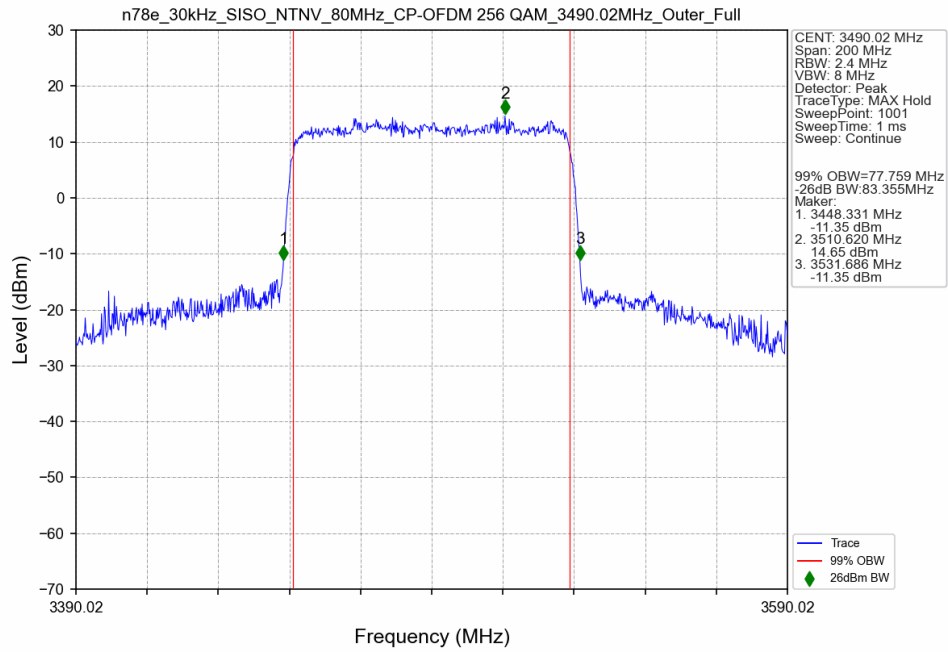
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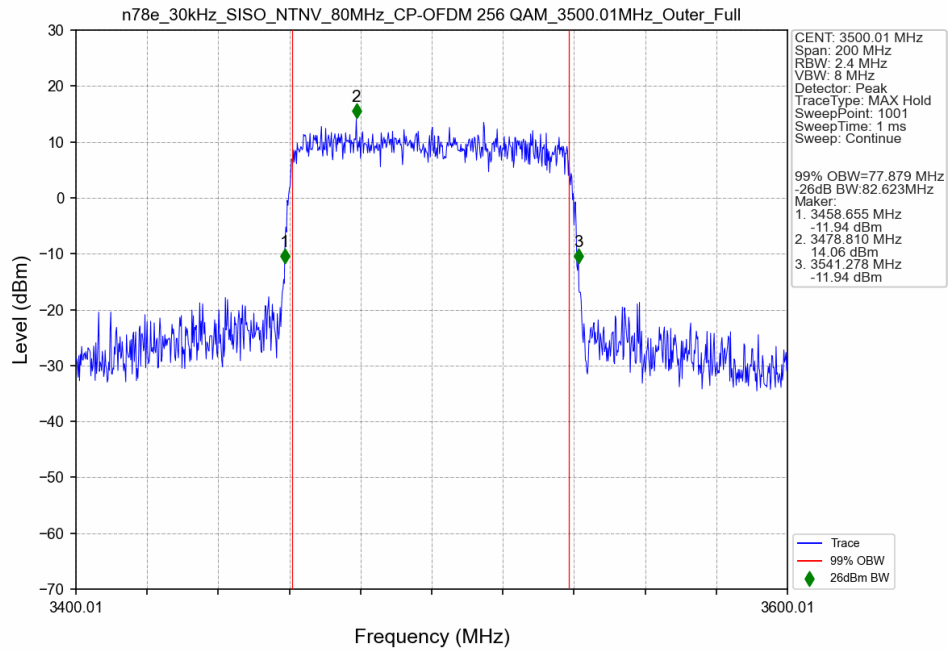
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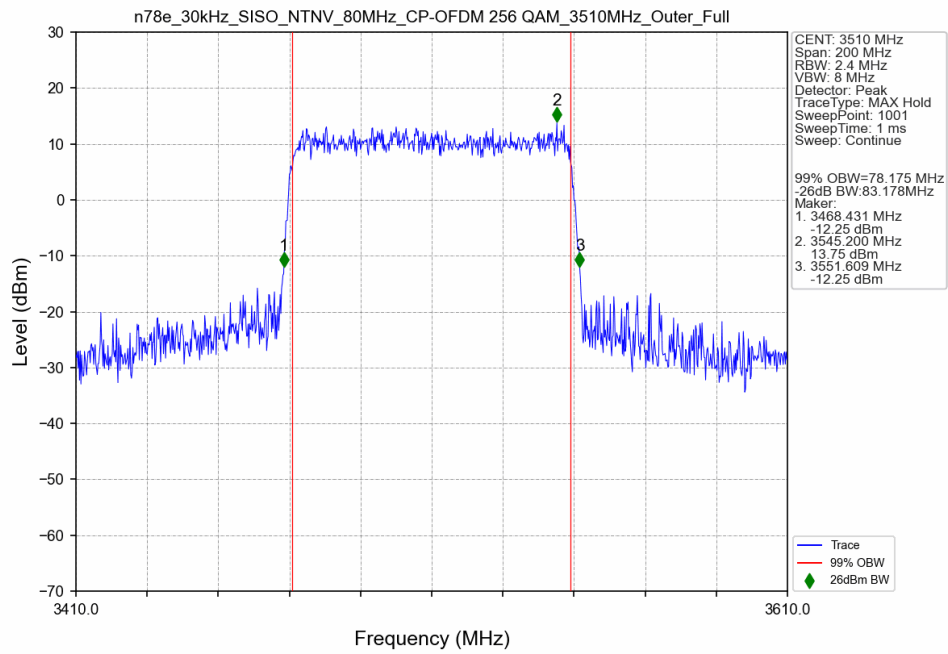
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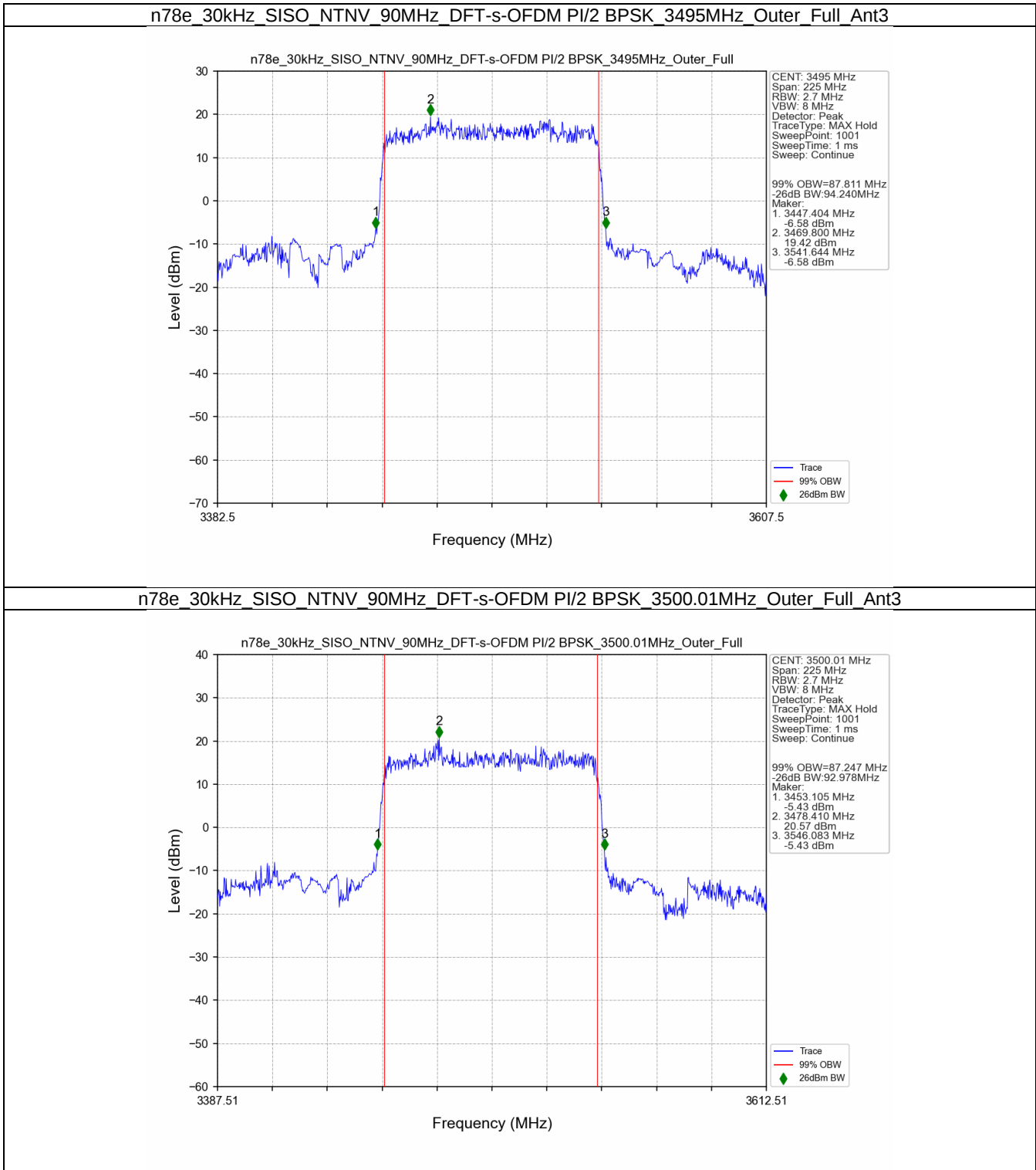
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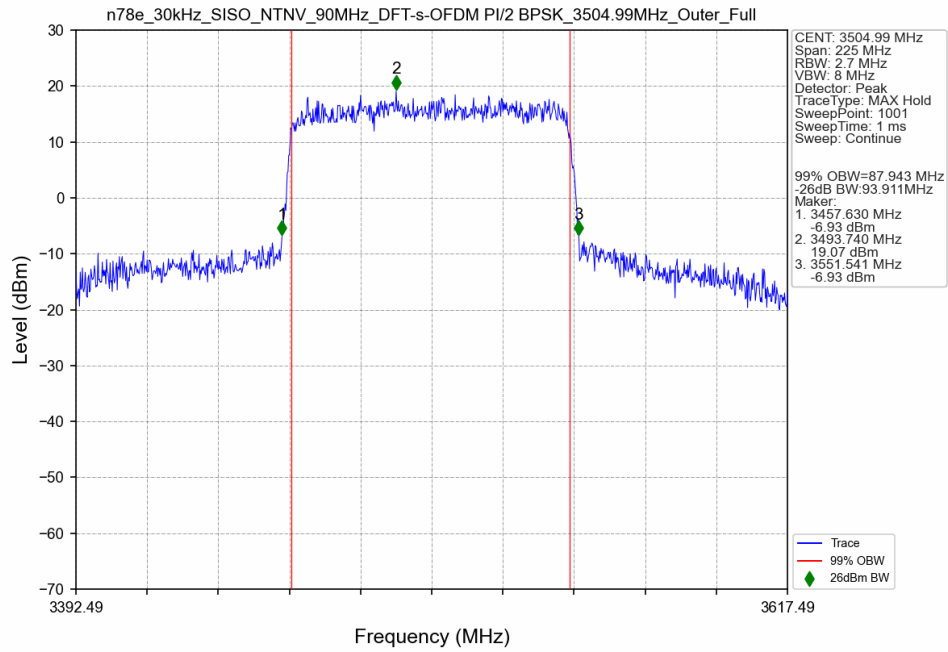
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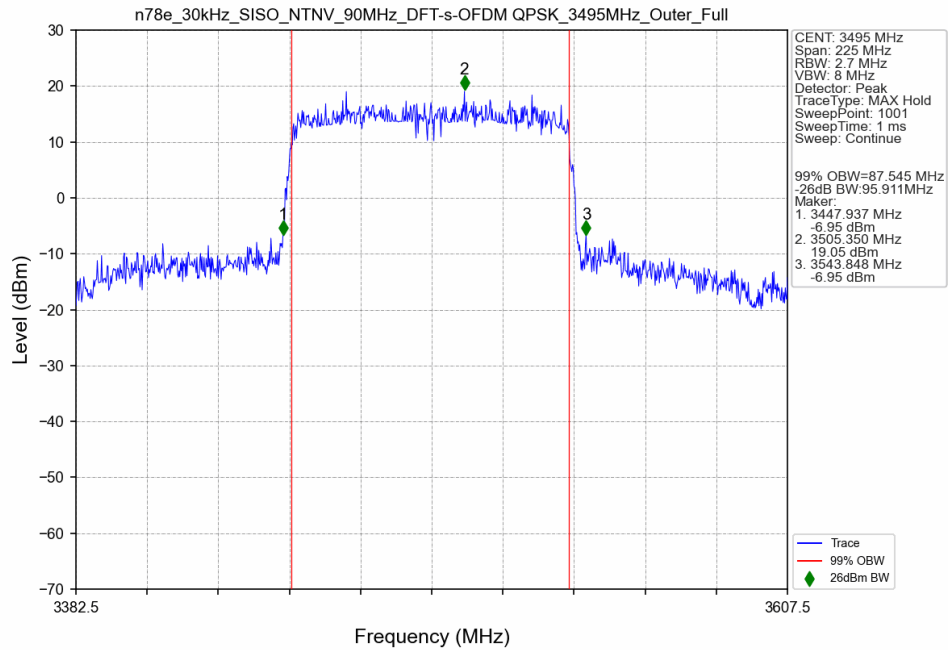
3.2.8 30k_SISO_90MHz_NTNV



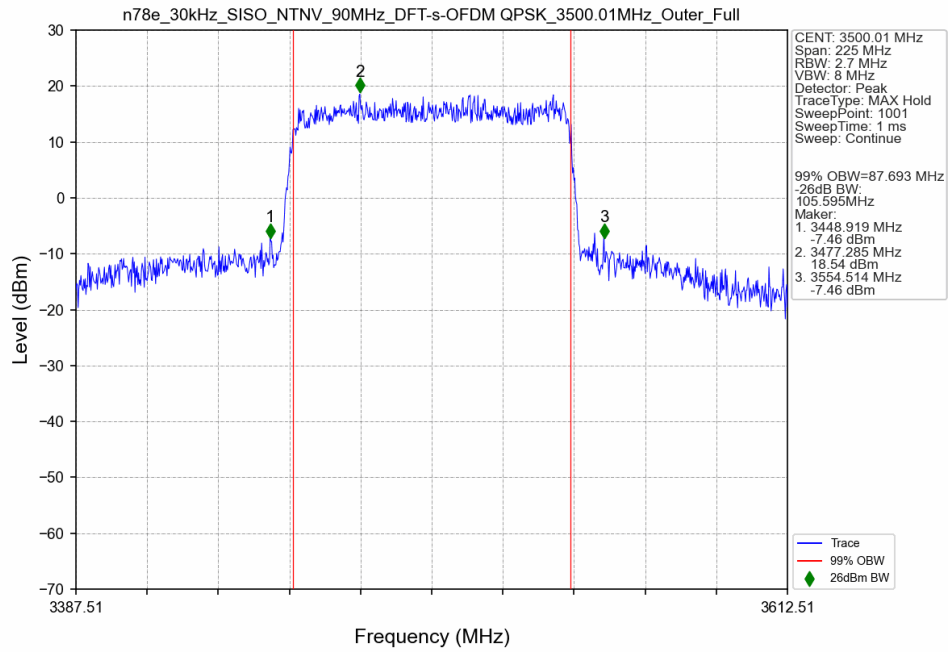
n78e 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3504.99MHz Outer Full Ant3



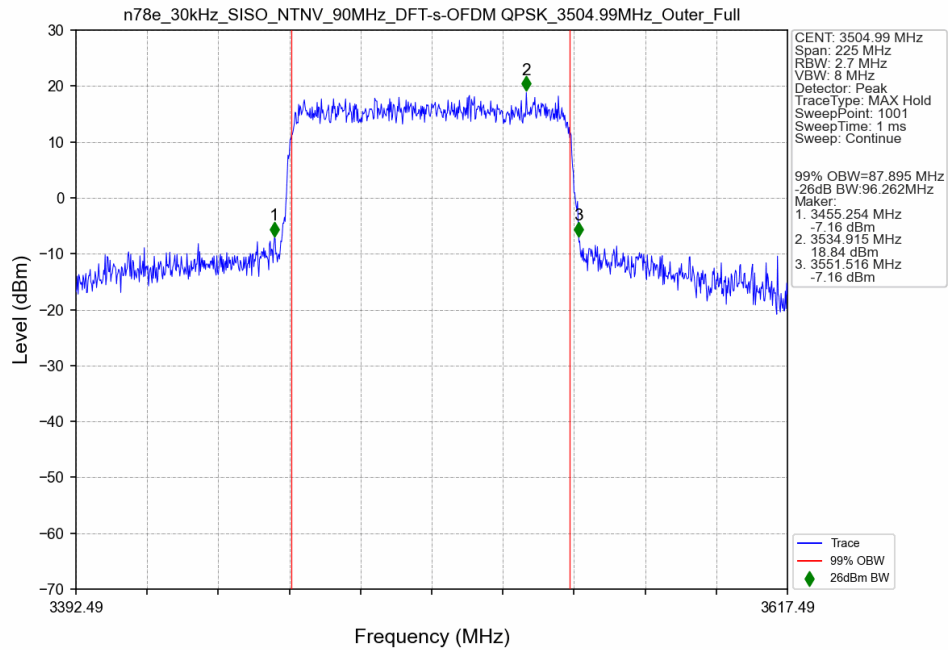
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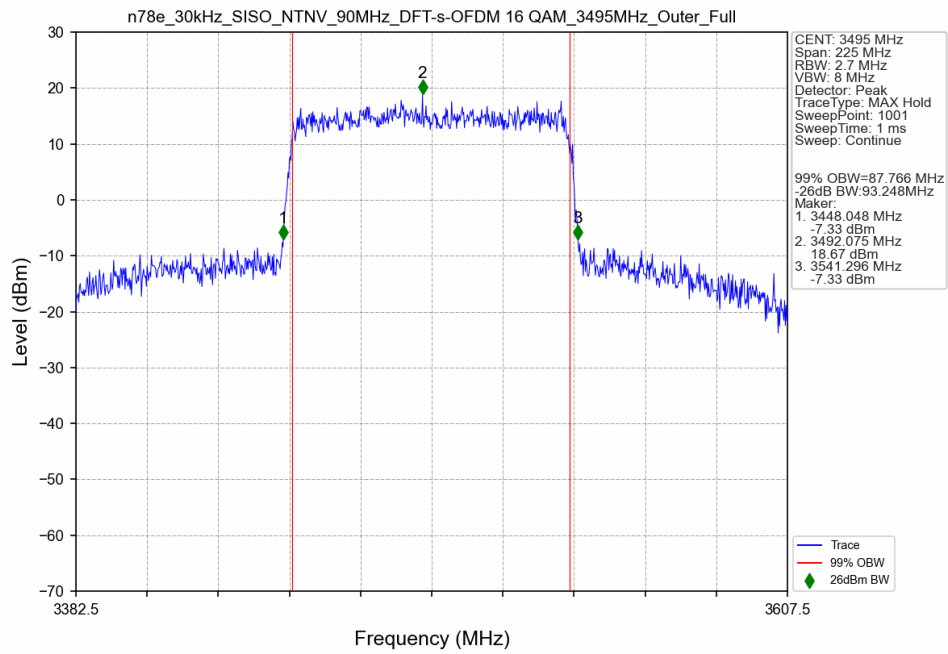
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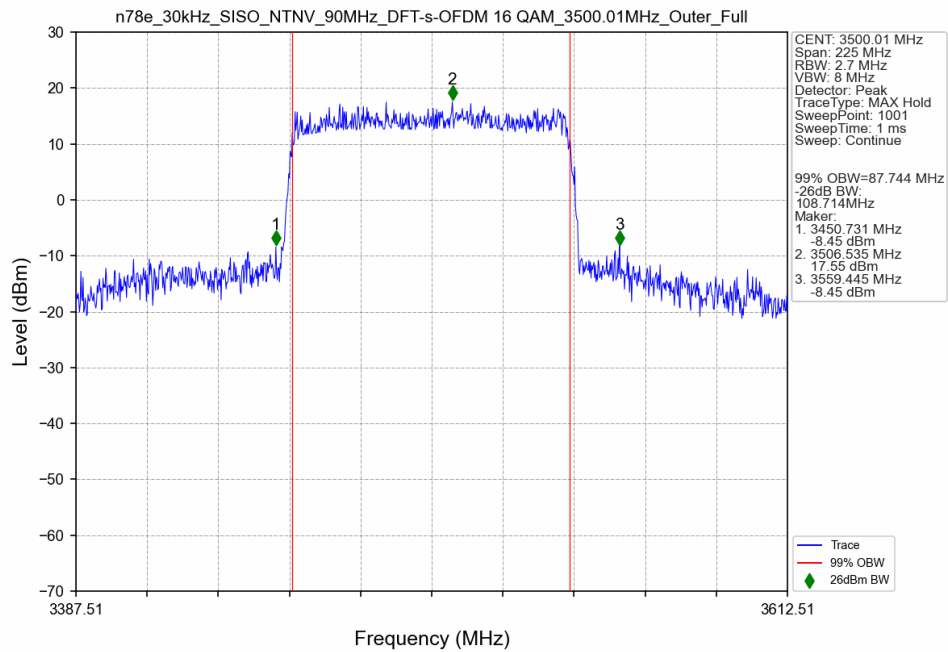
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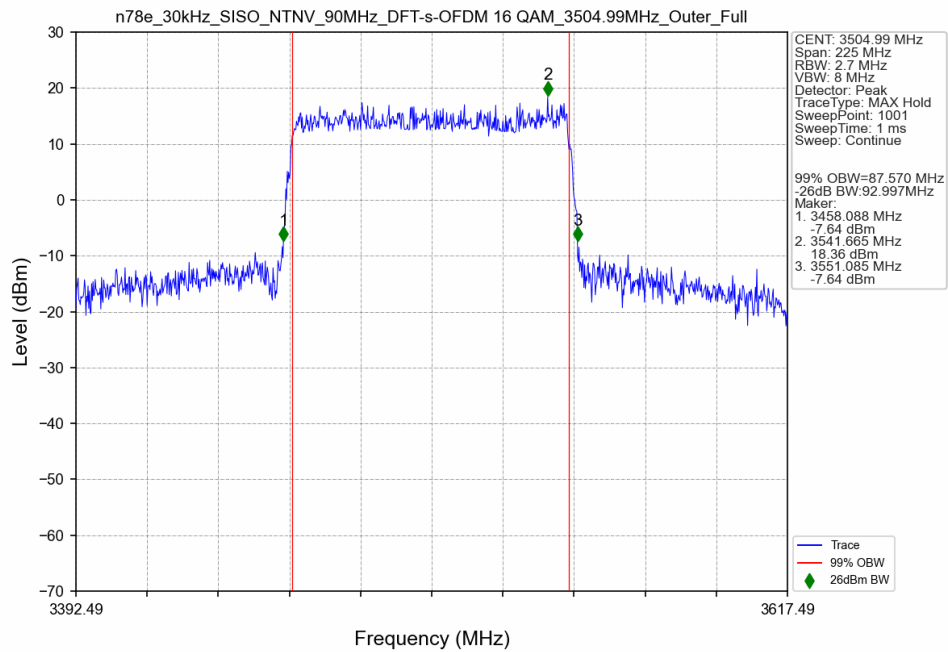
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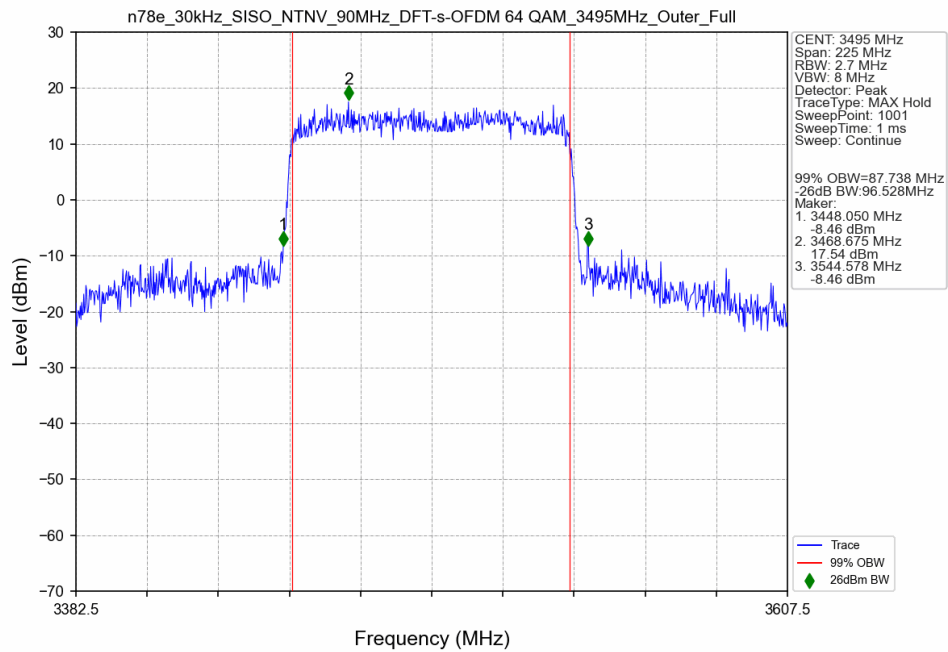
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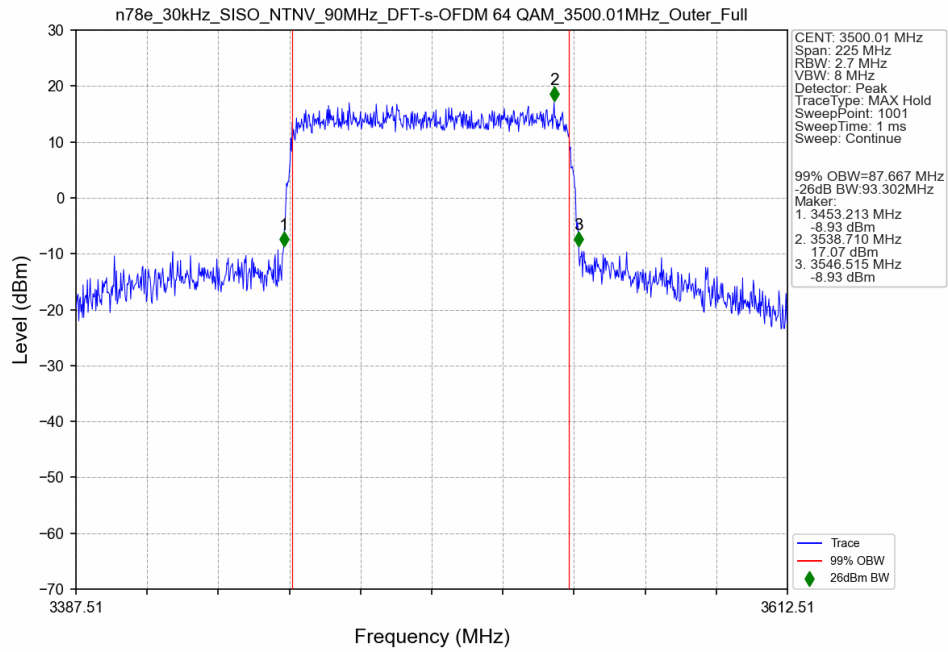
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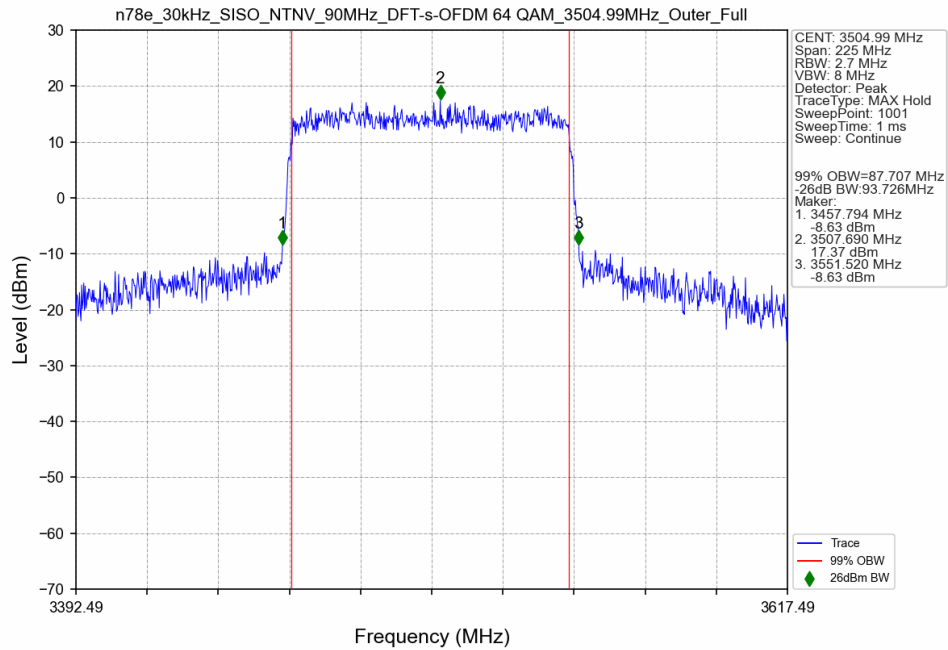
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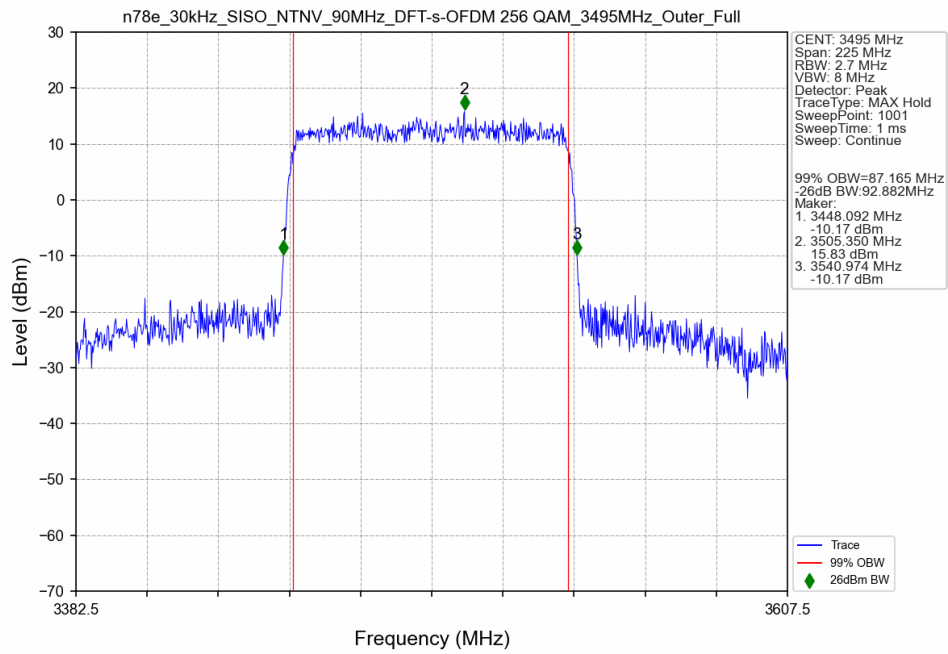
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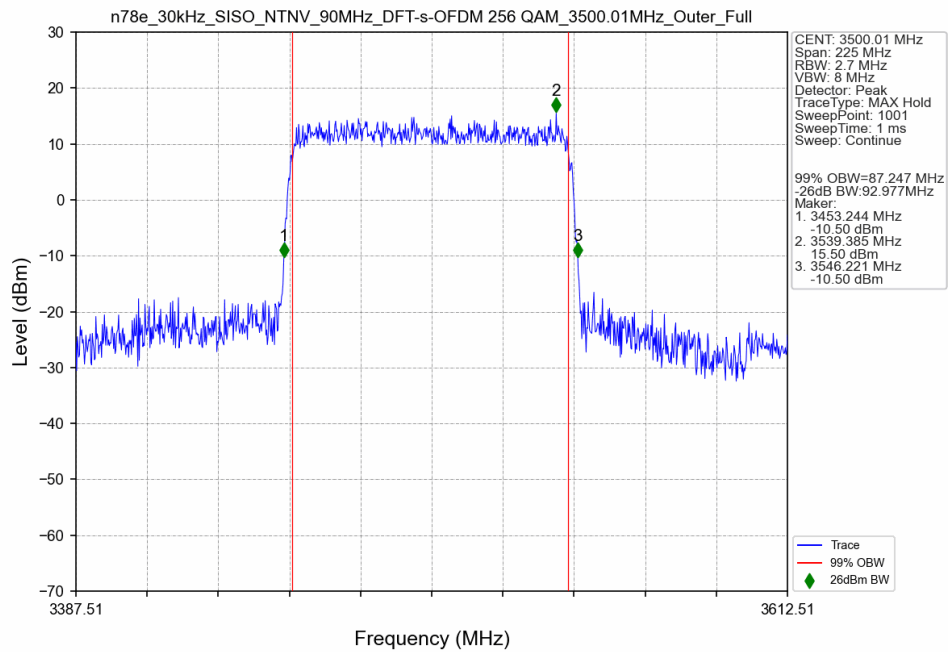
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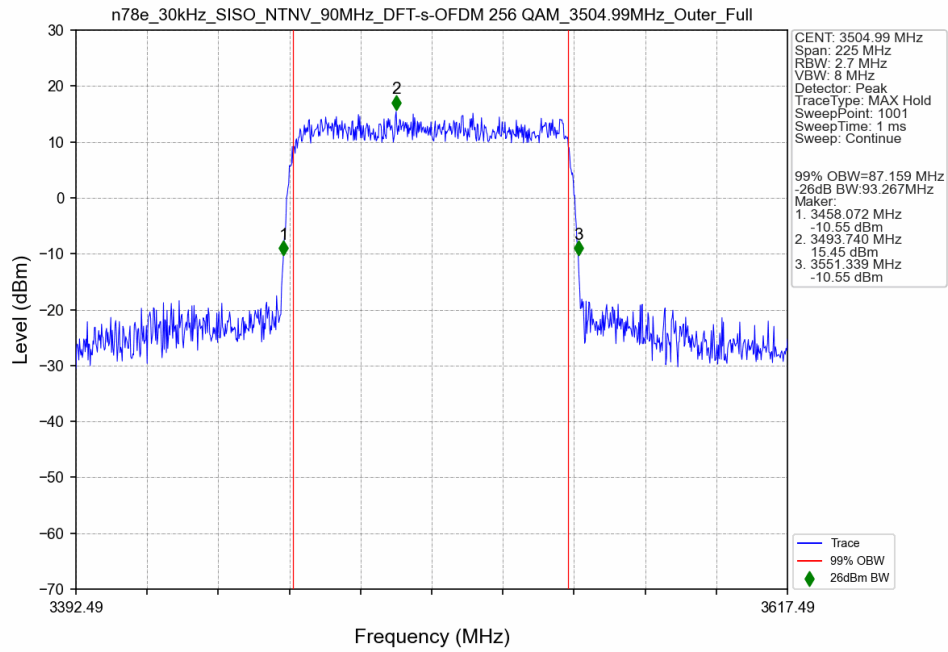
n78e 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3495MHz Outer Full Ant3



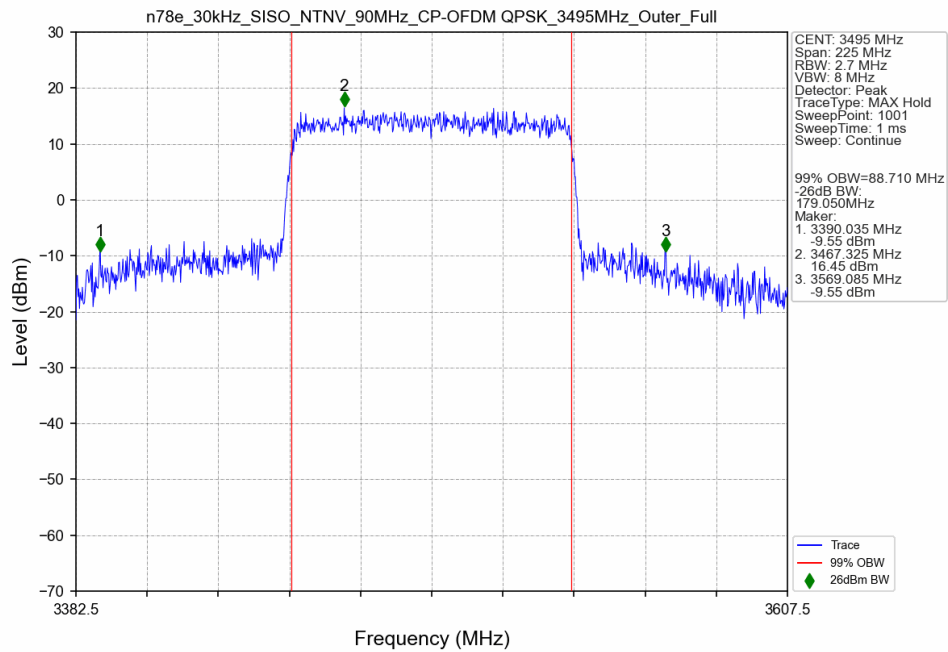
n78e 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant3



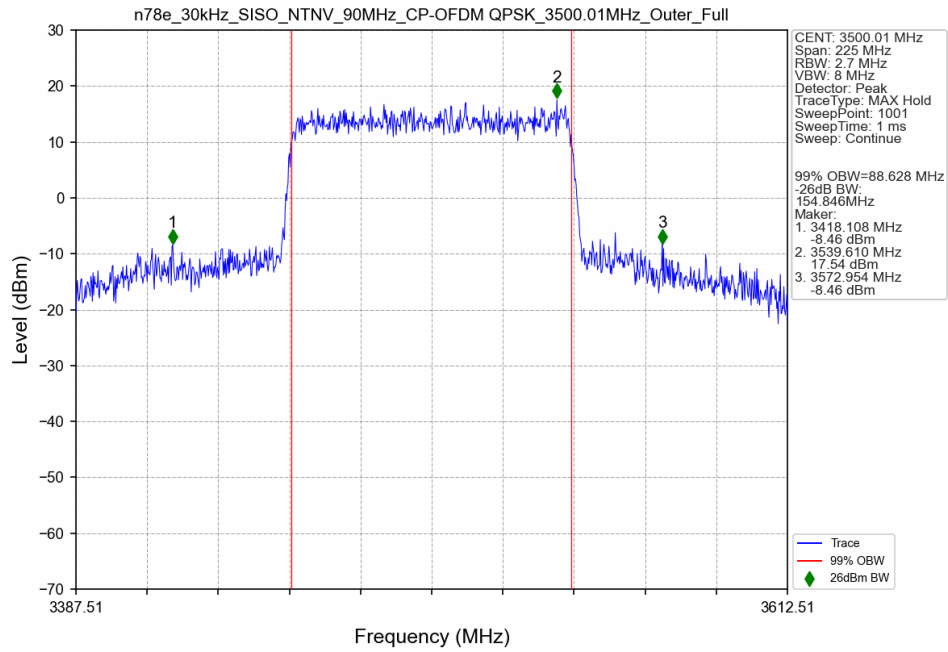
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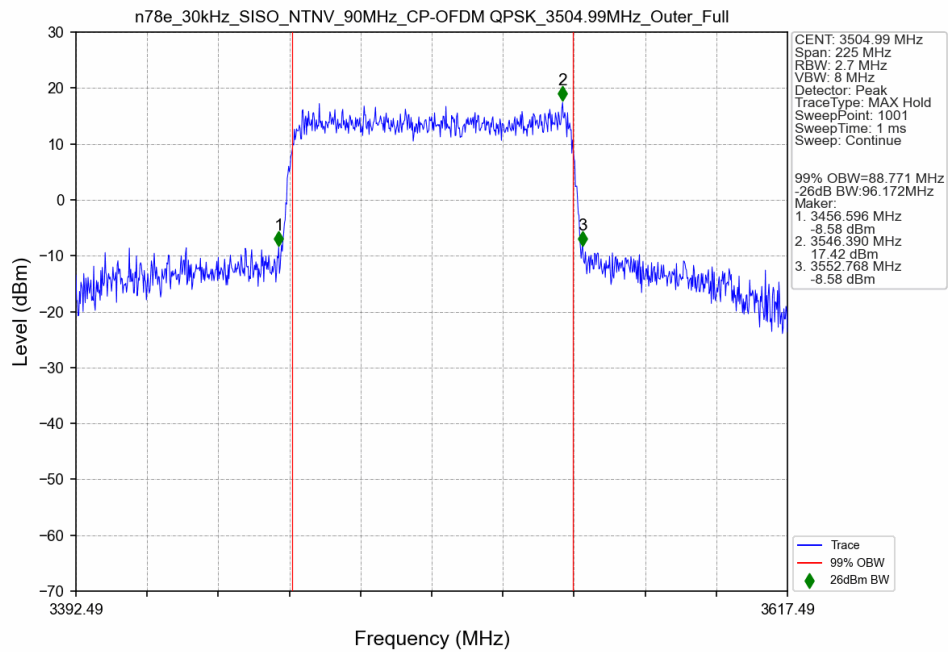
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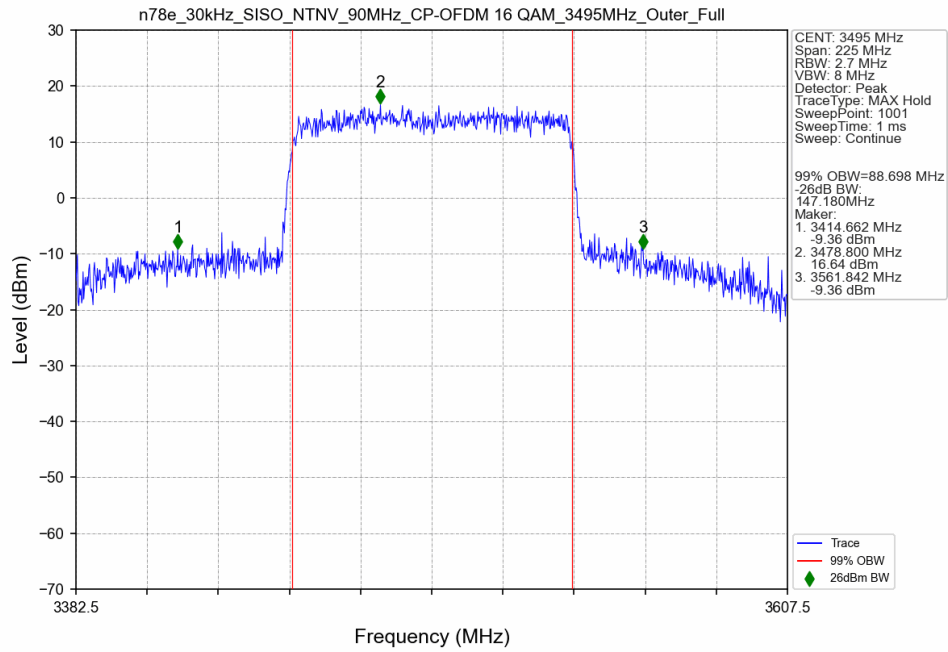
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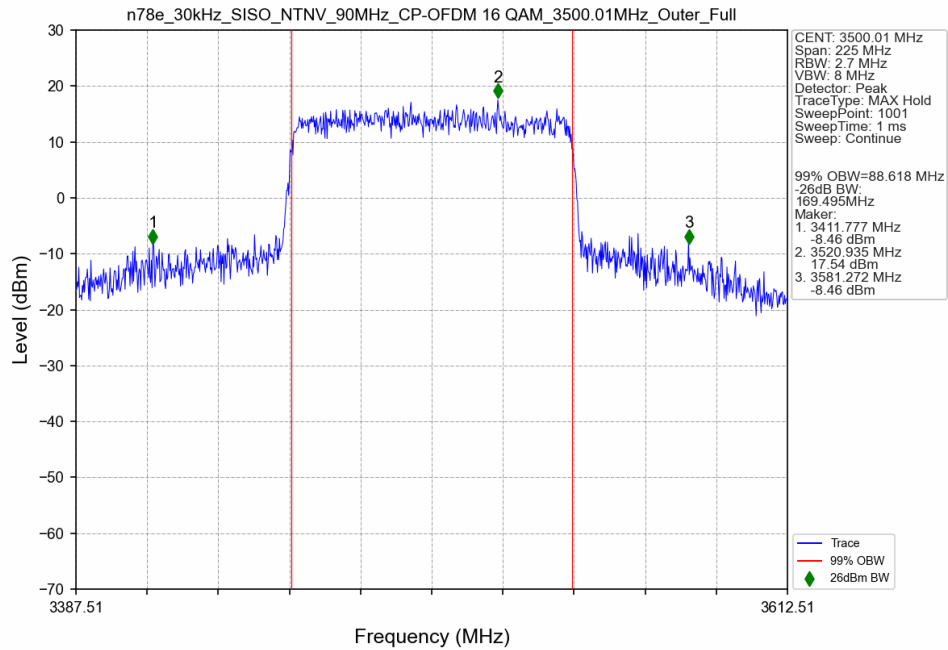
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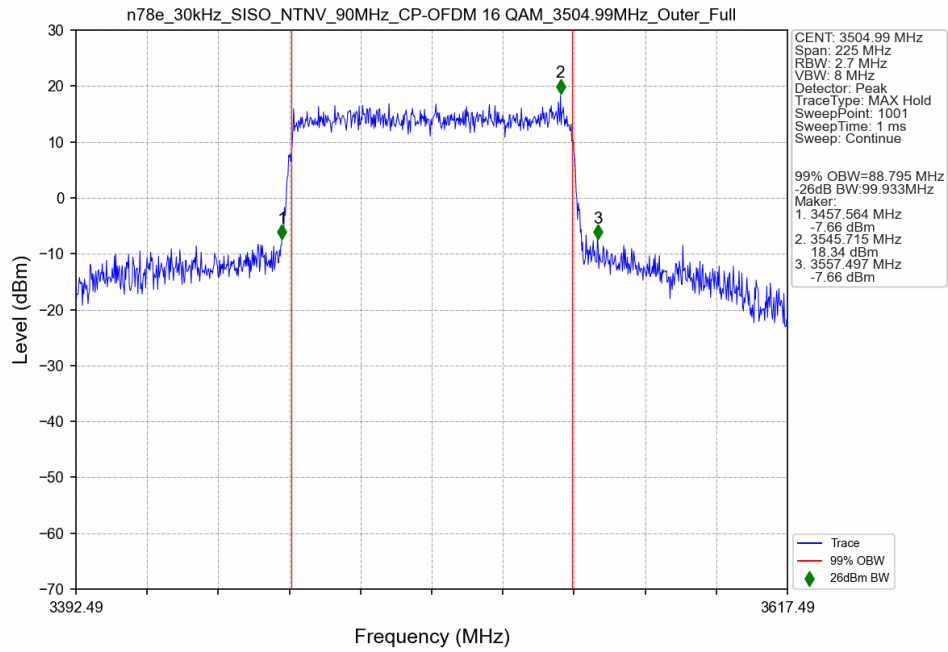
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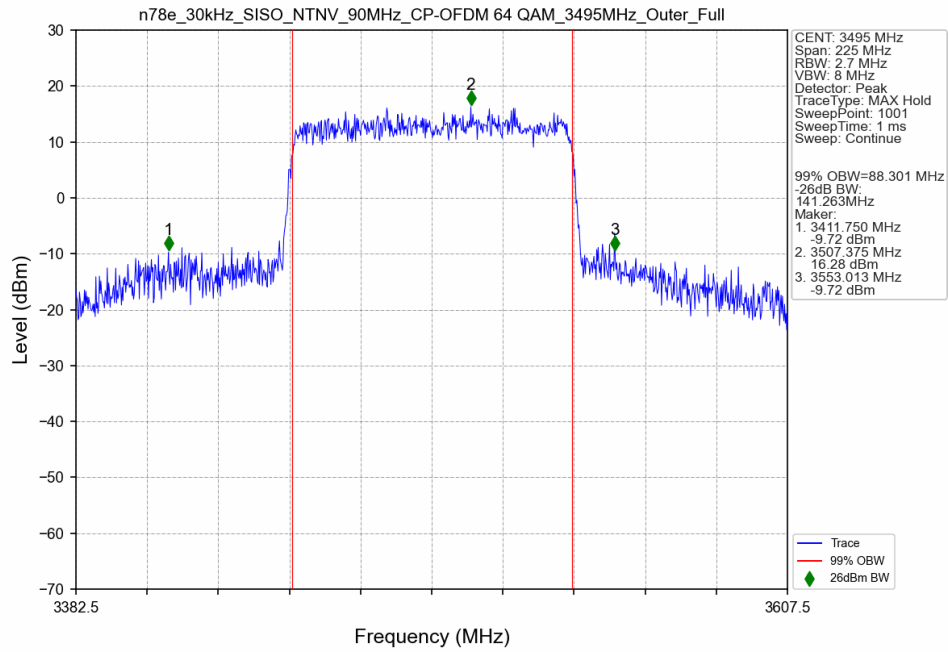
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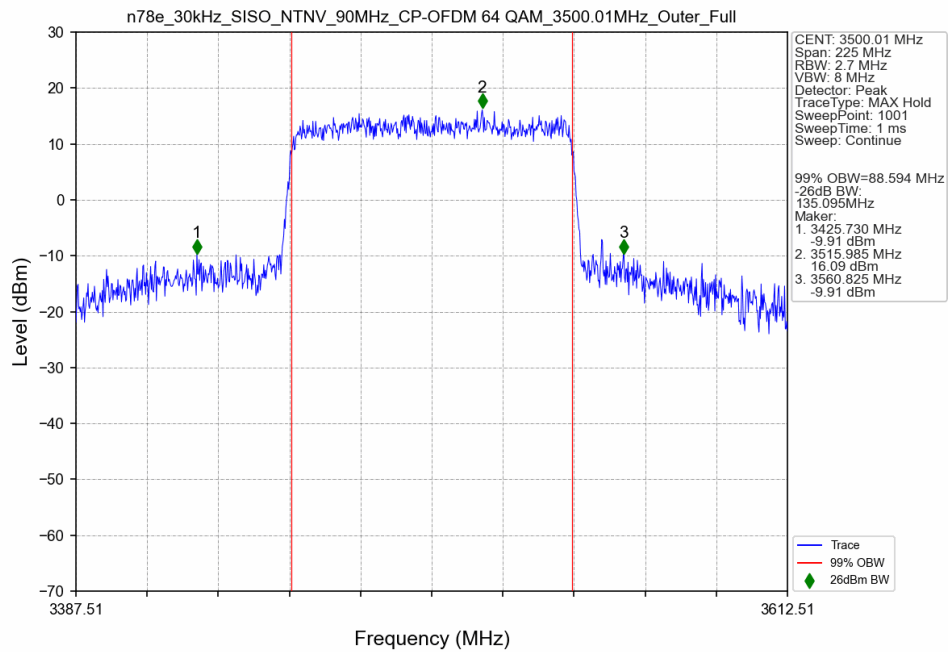
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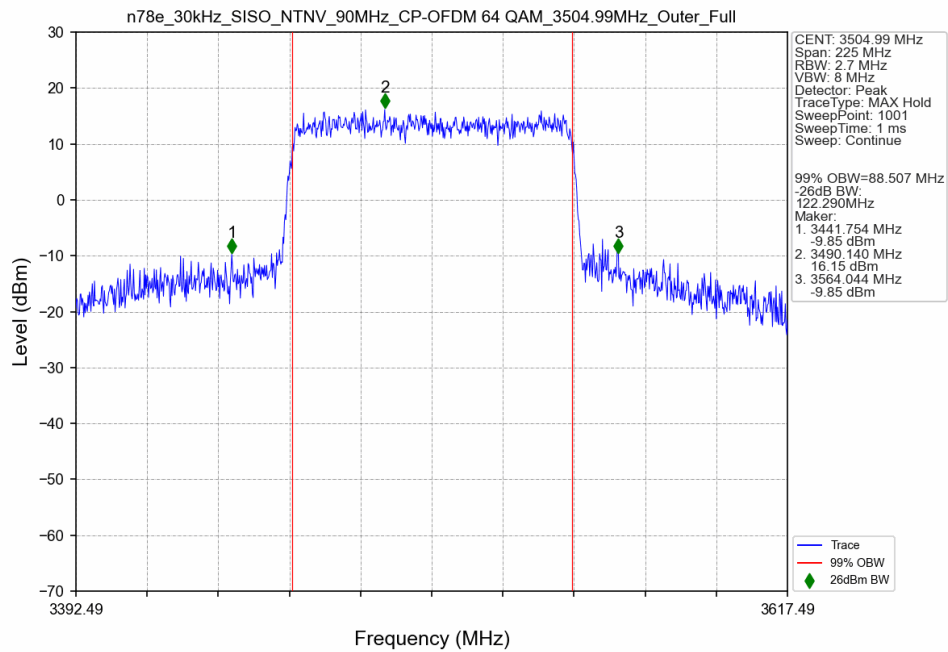
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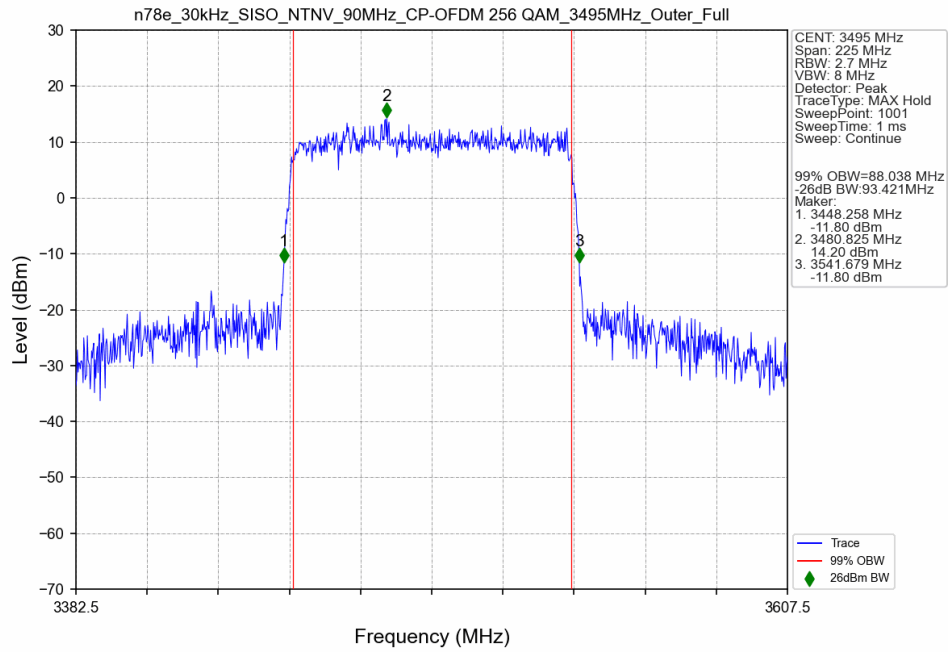
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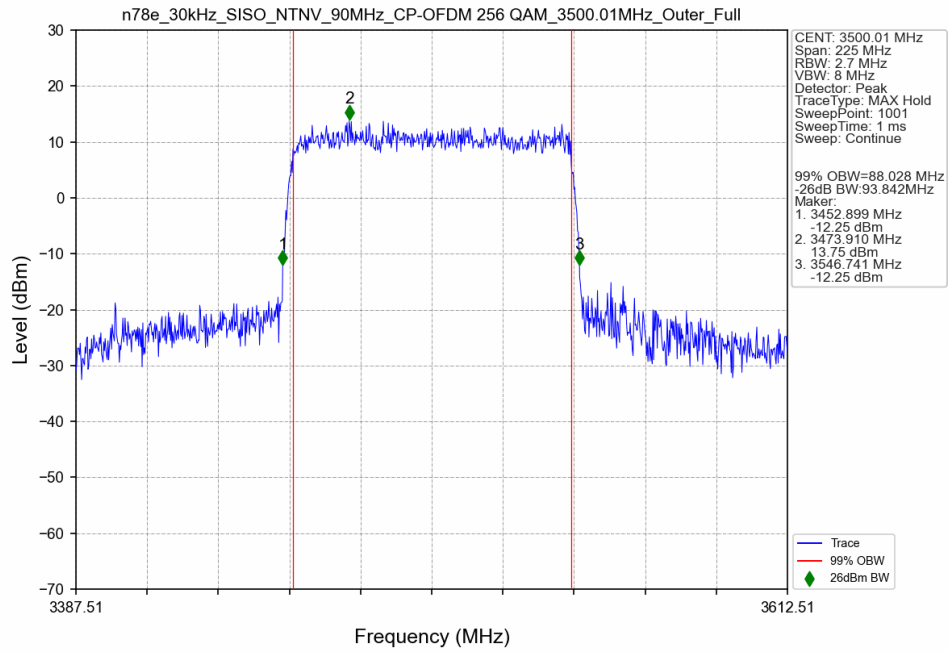
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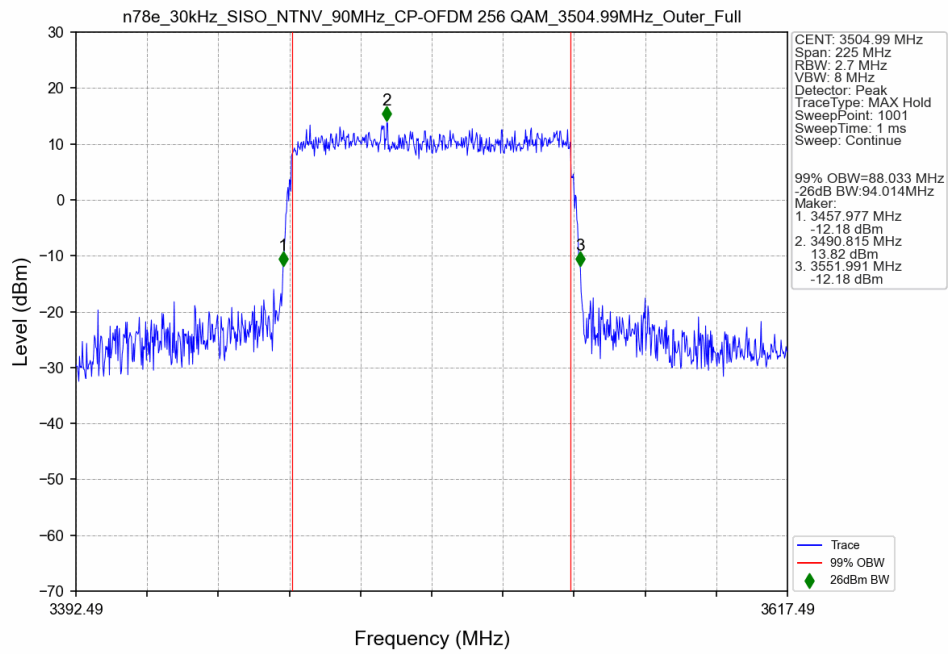
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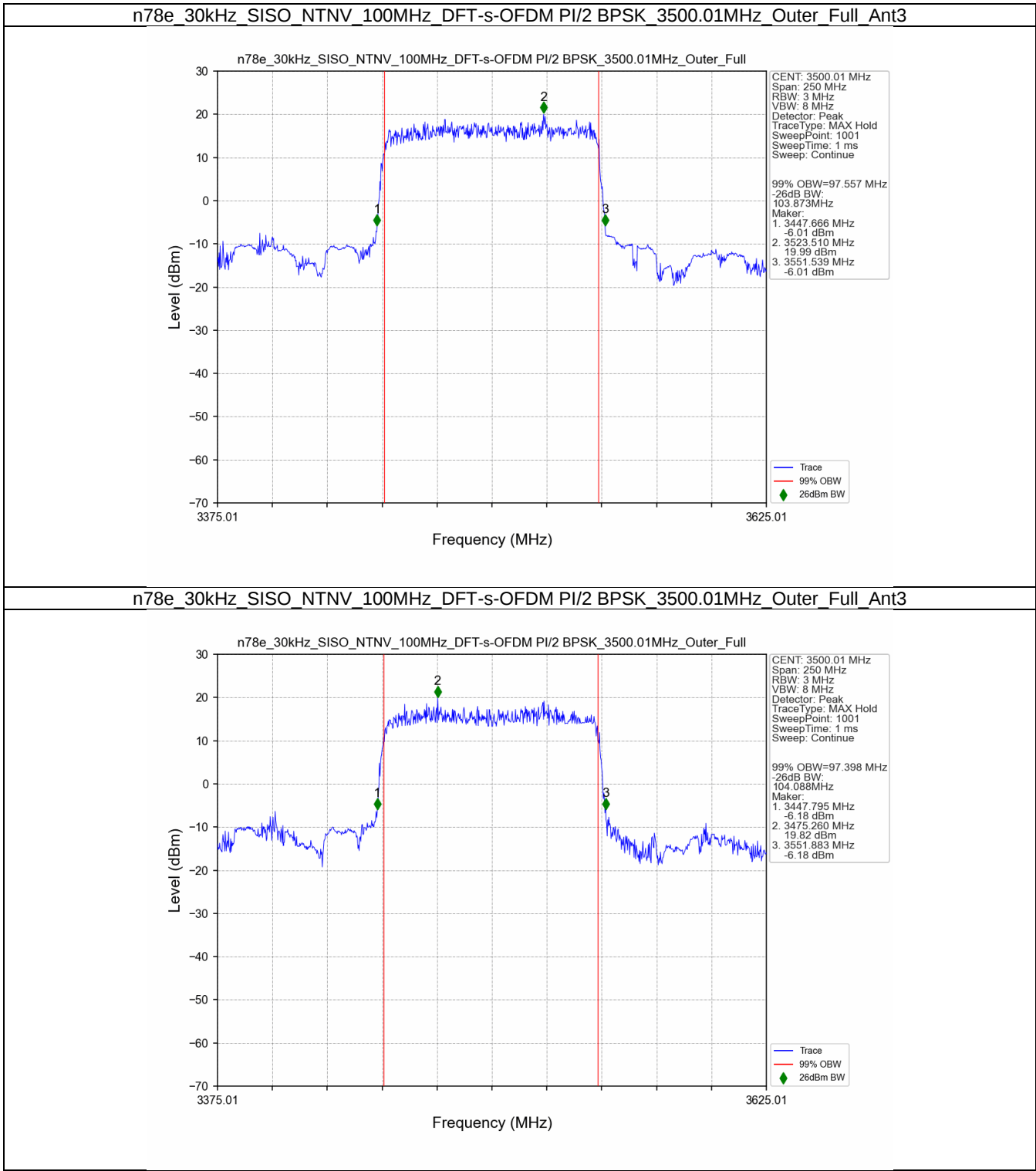
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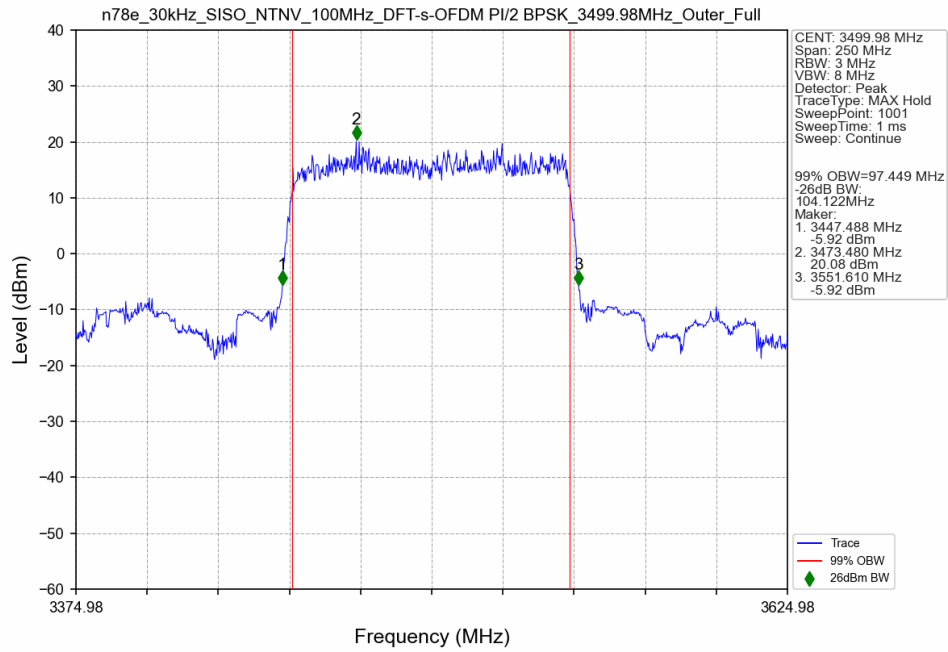
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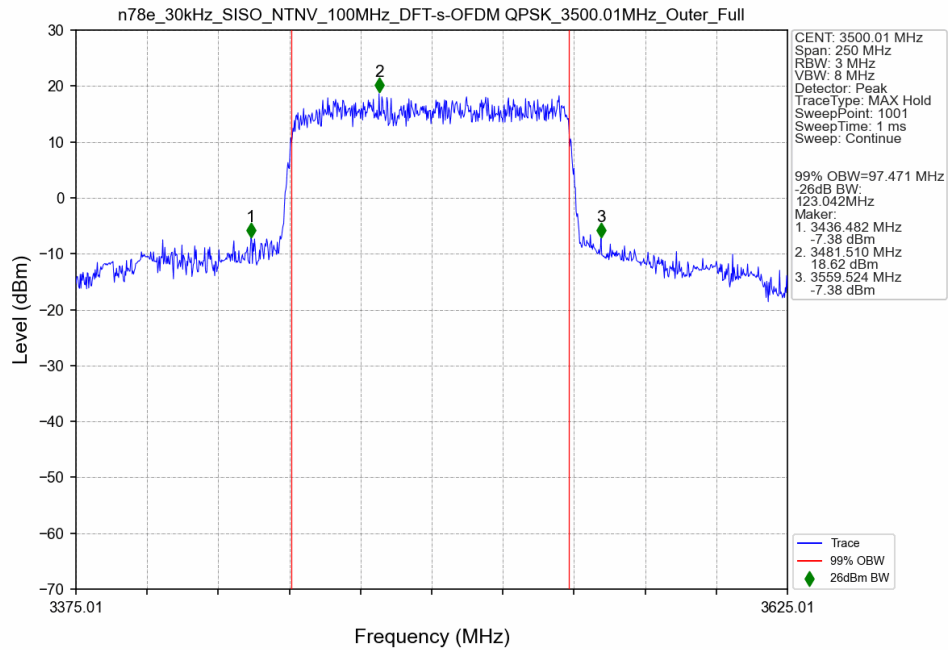
3.2.9 30k_SISO_100MHz_NTNV



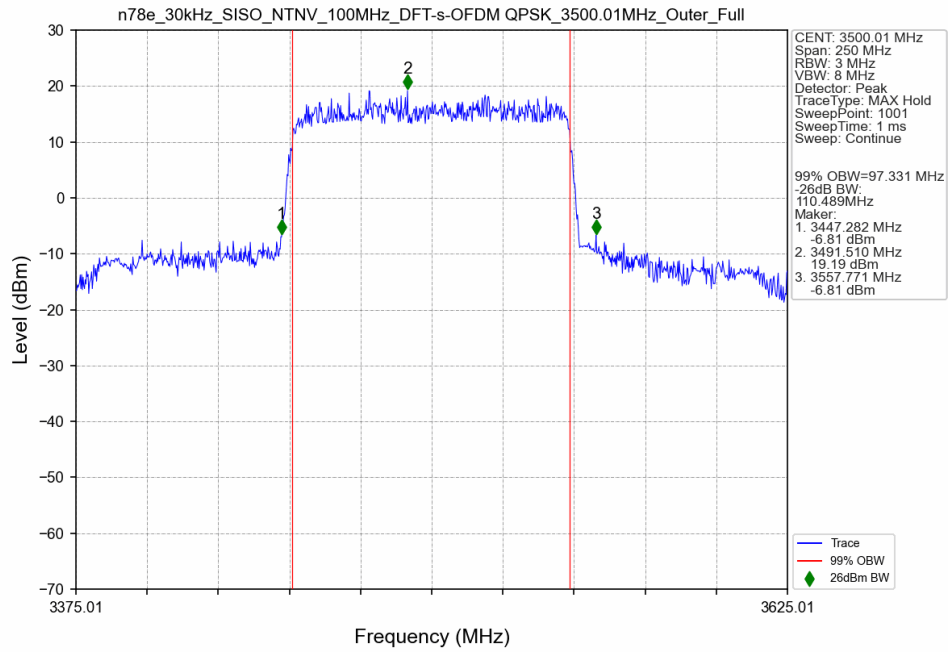
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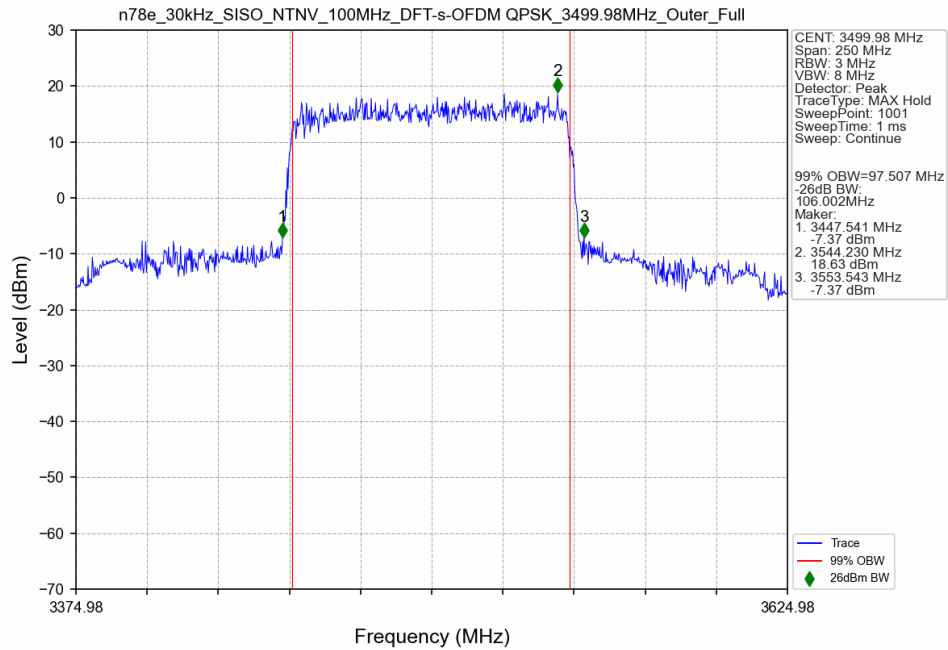
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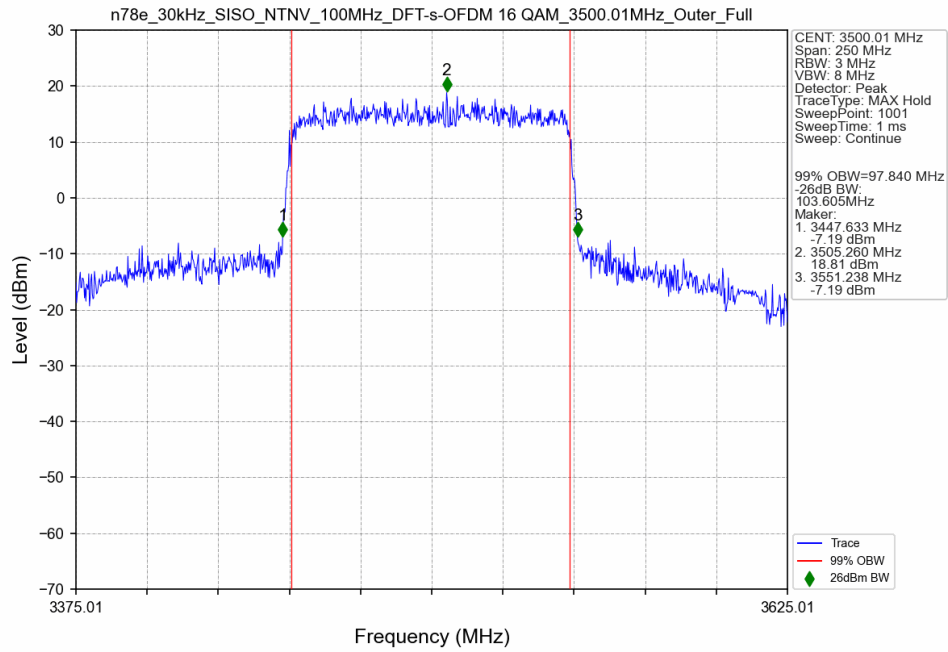
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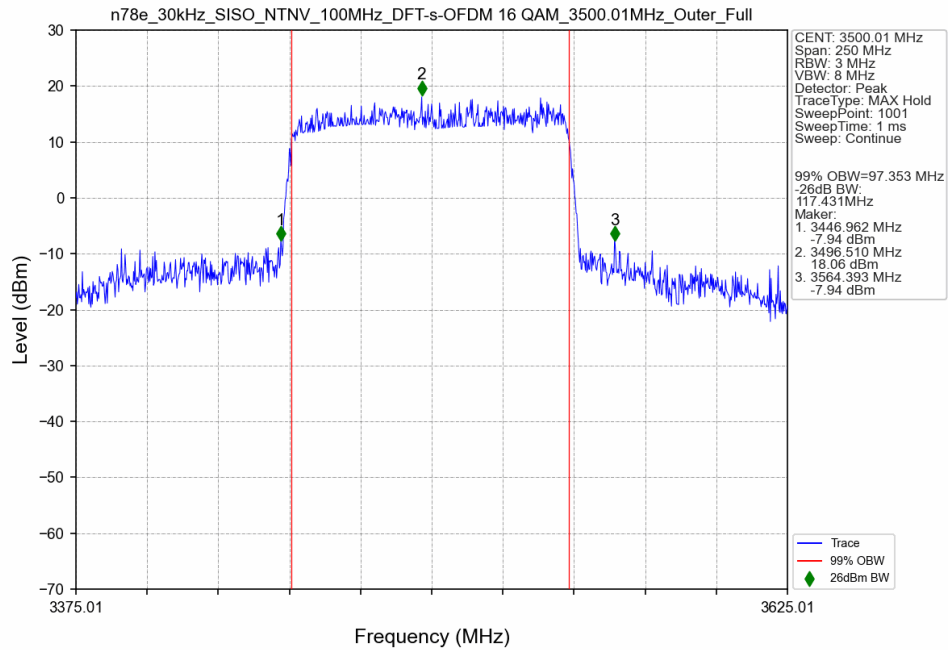
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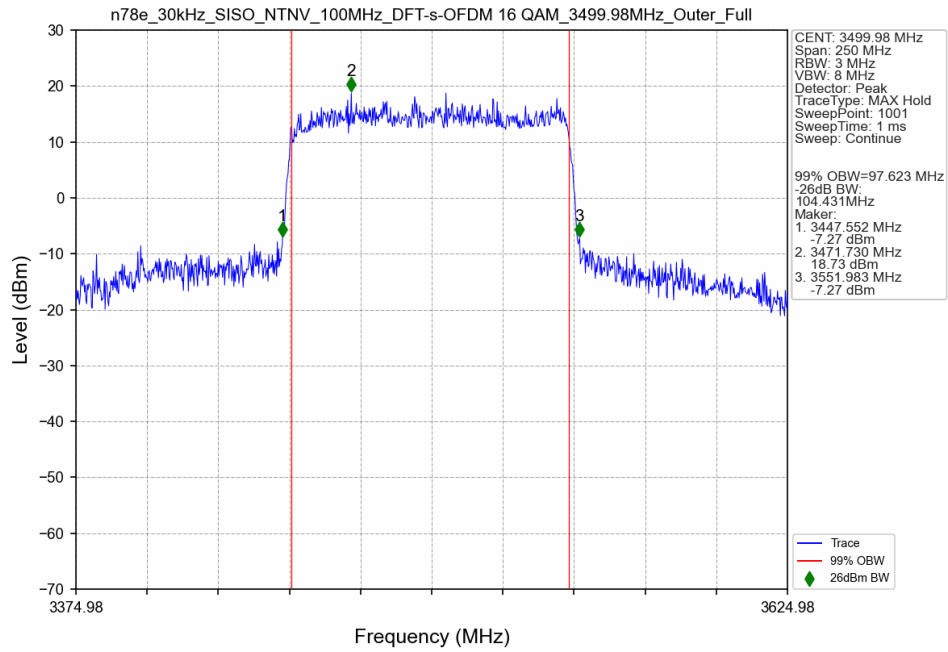
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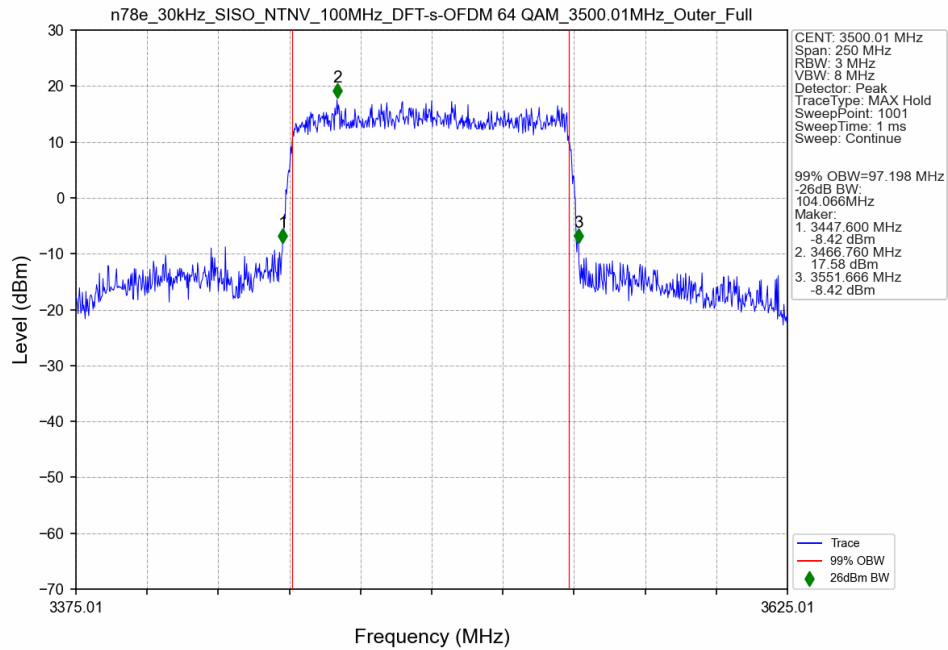
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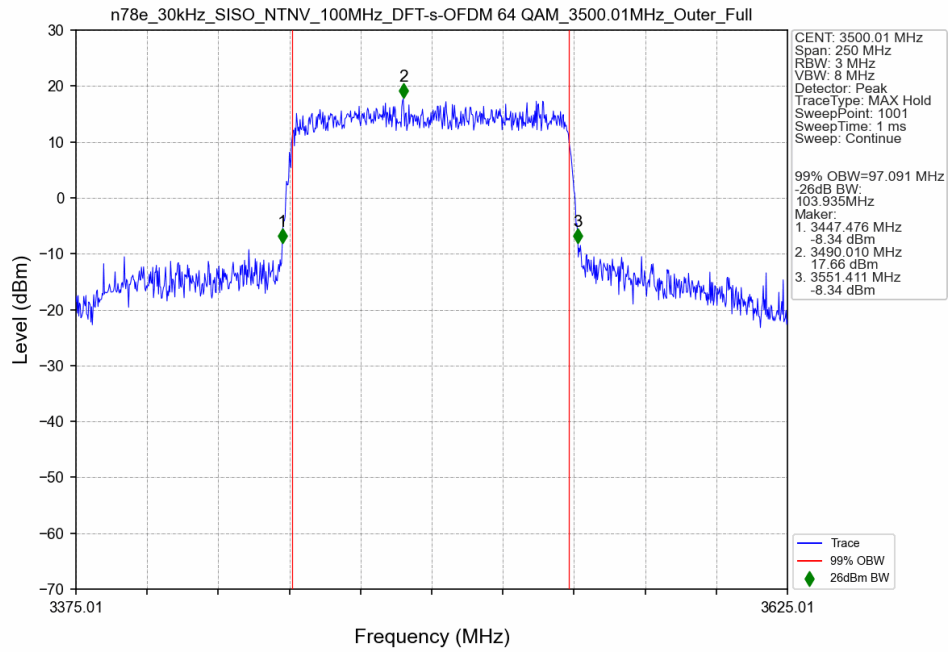
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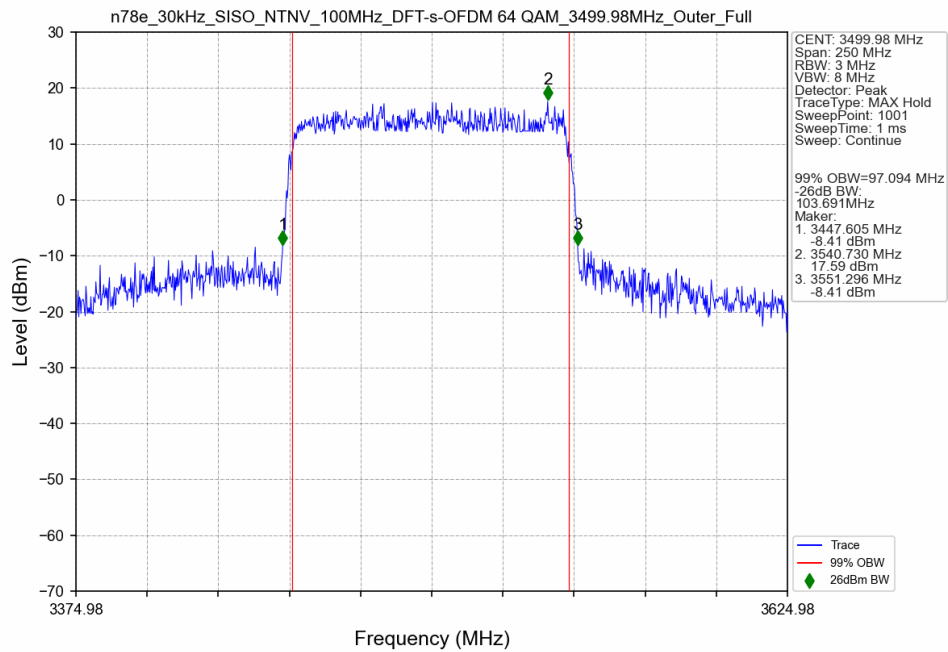
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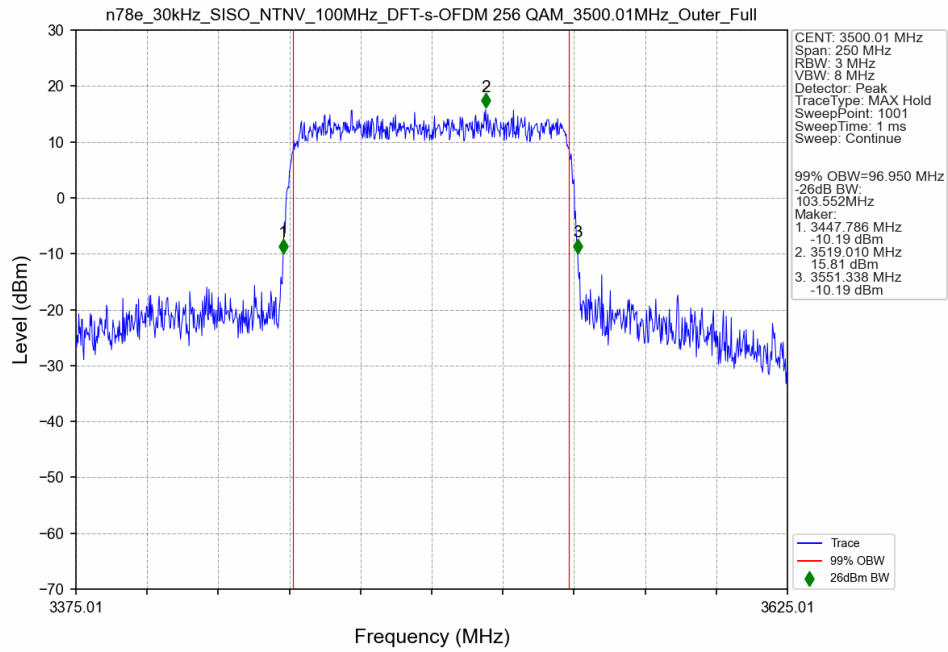
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant3



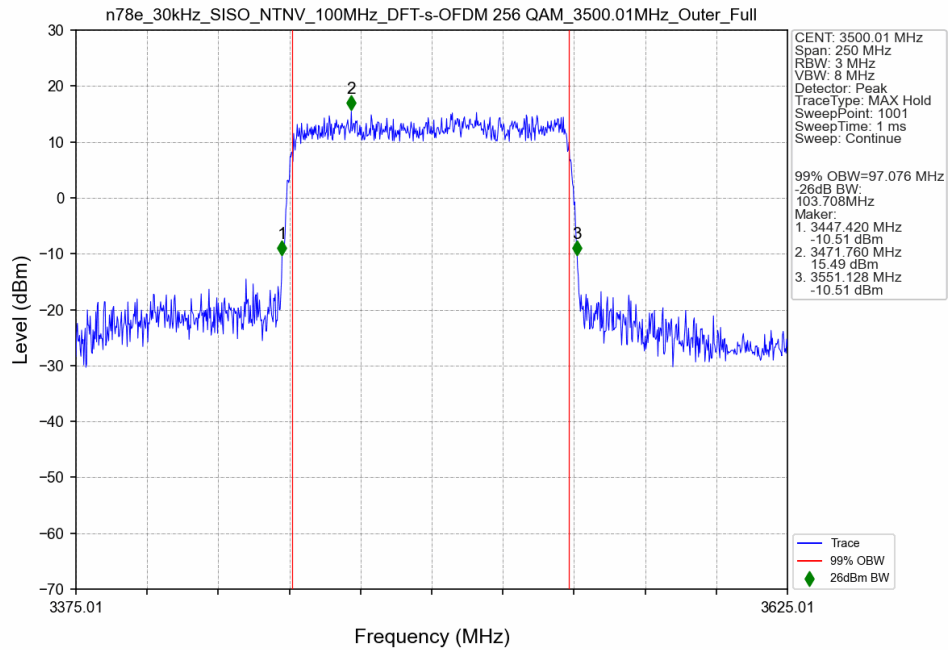
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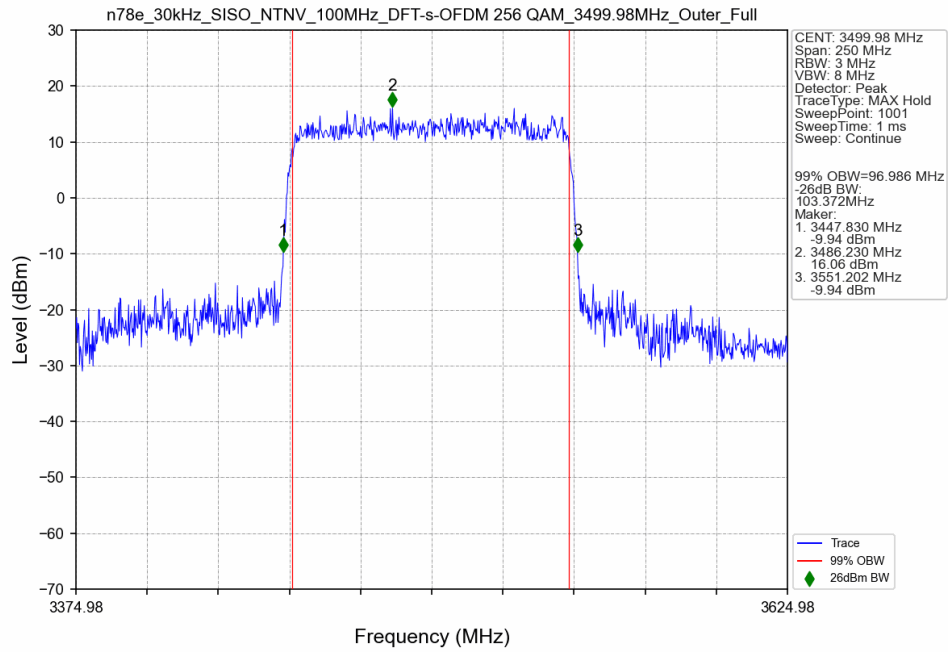
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant3



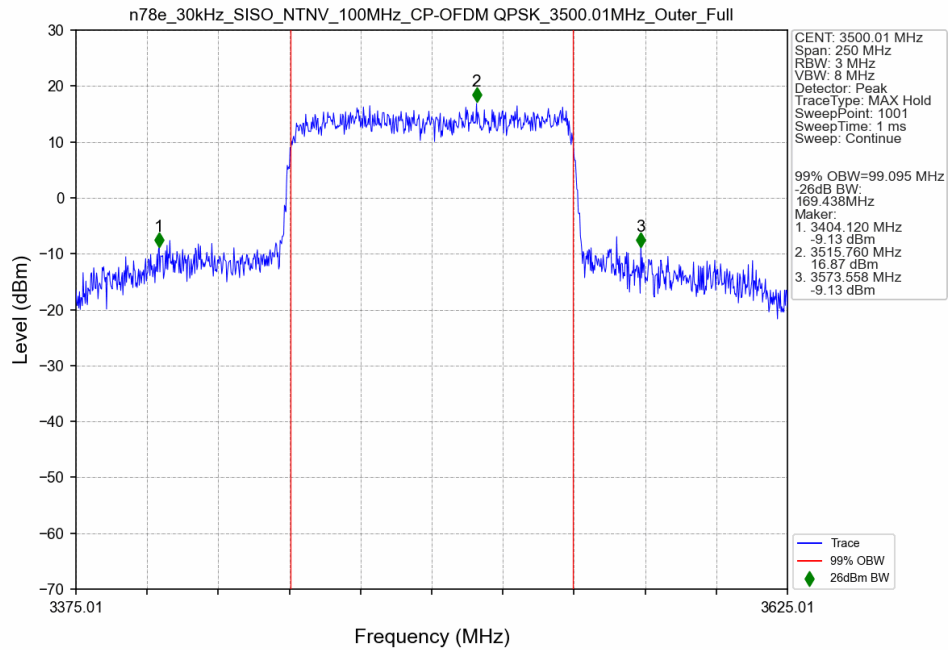
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant3



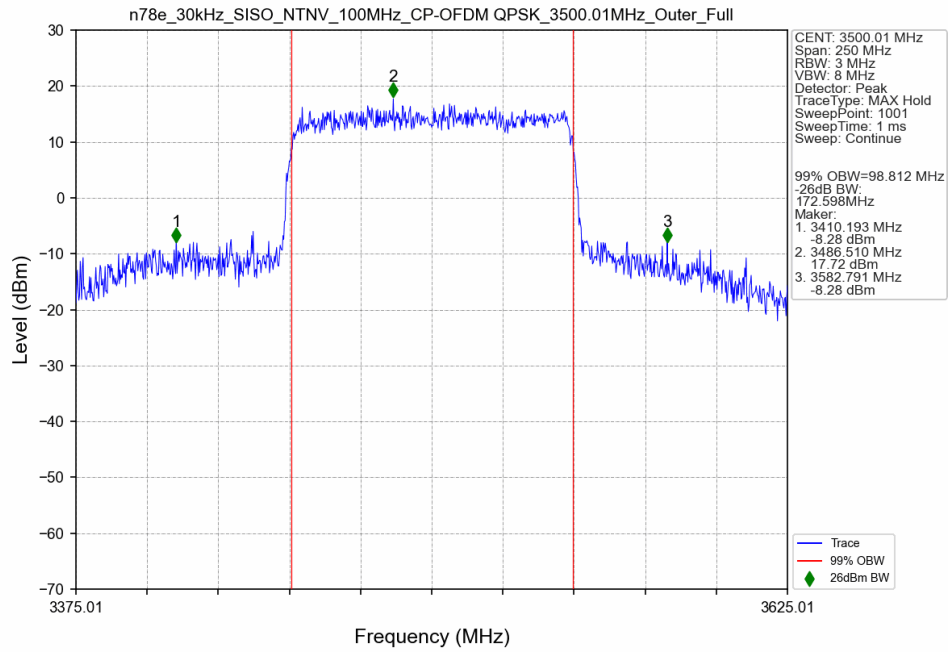
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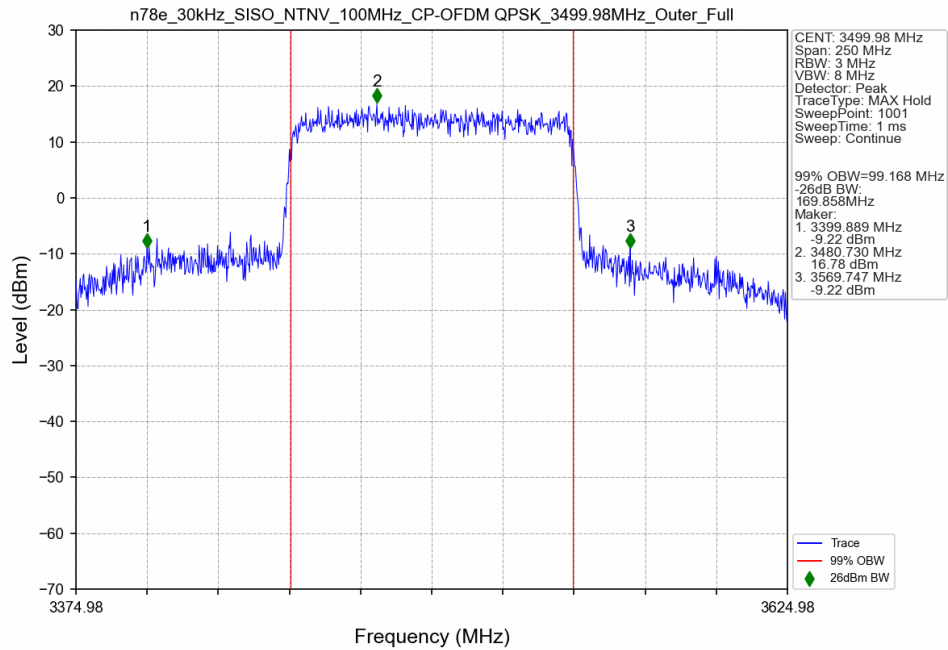
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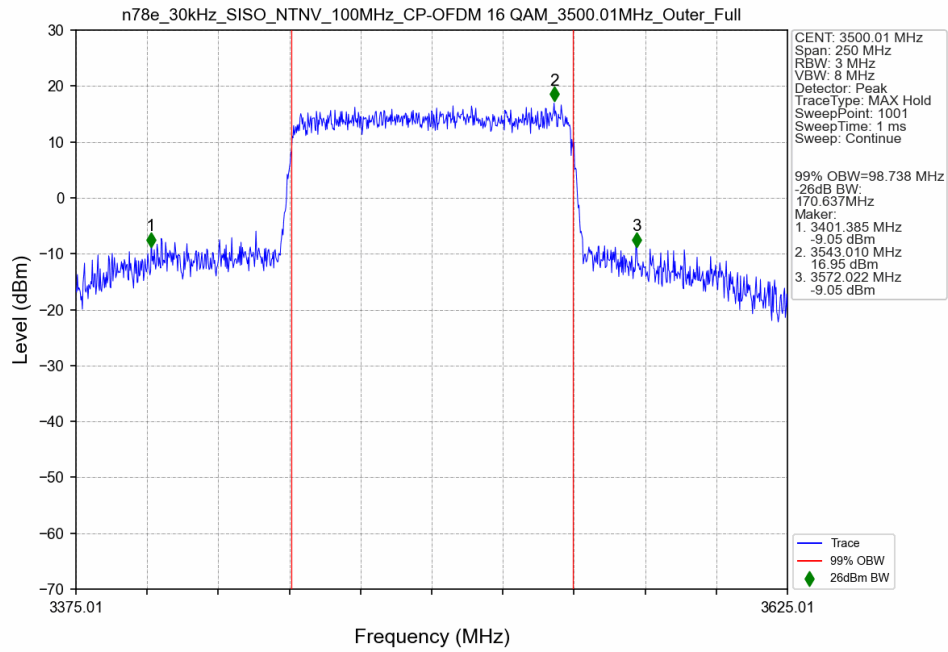
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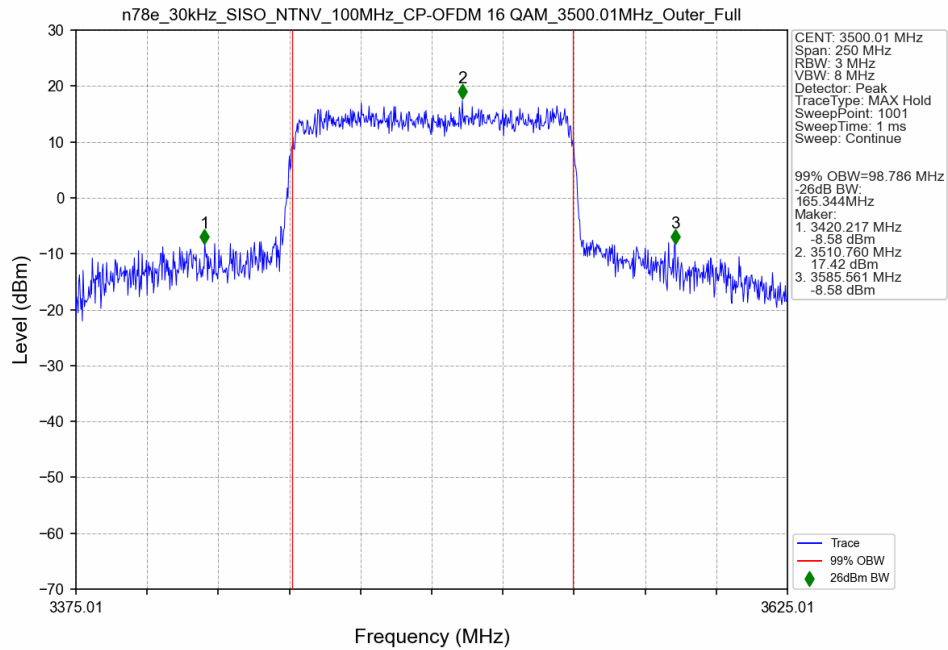
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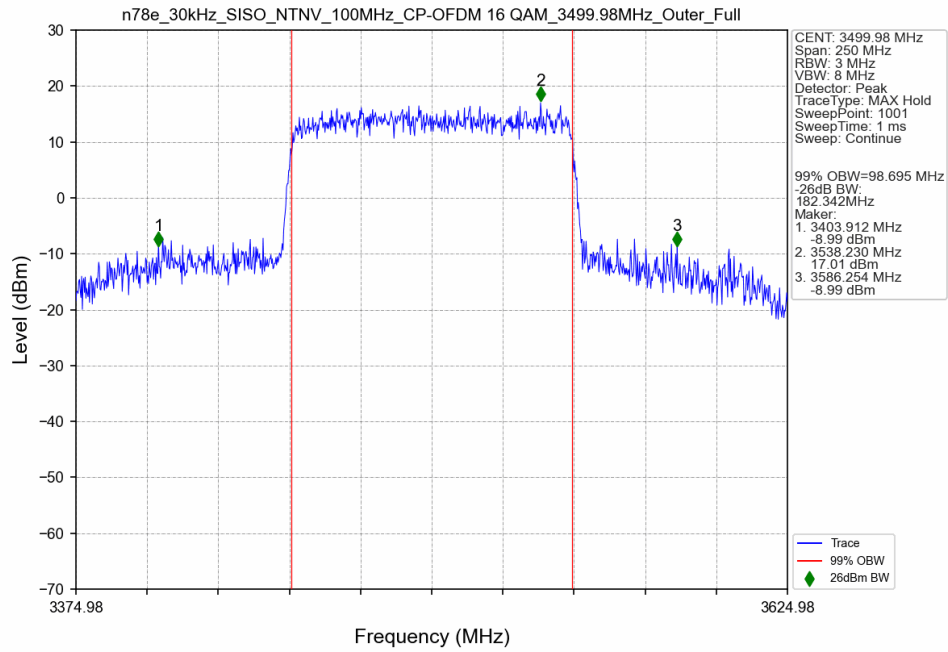
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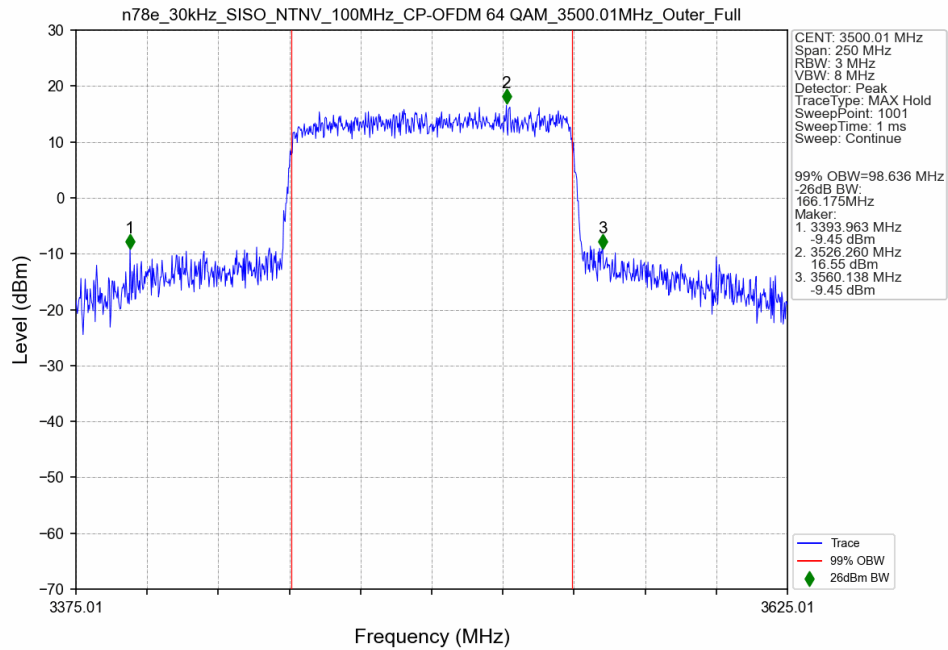
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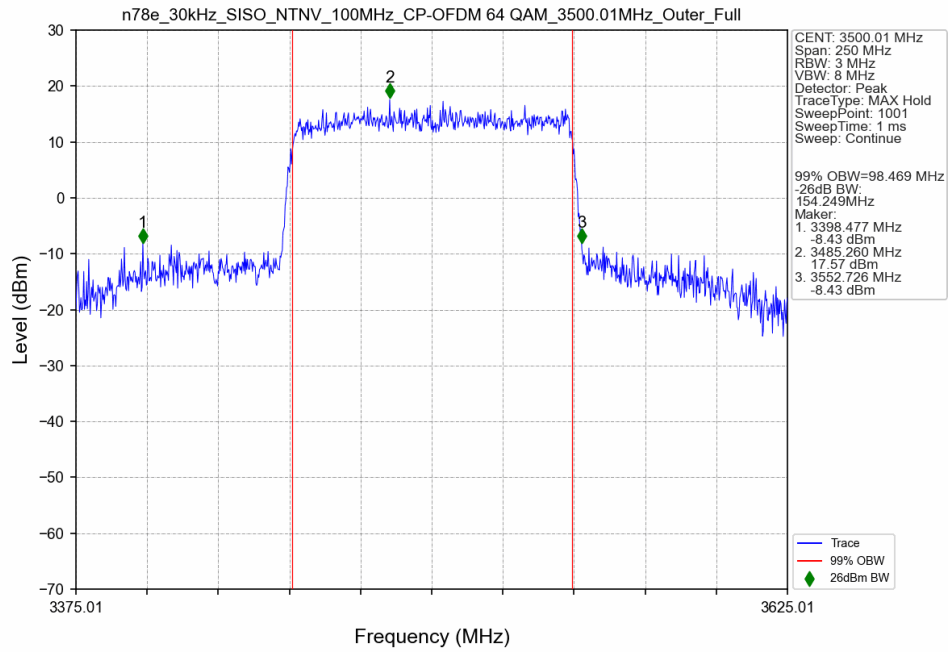
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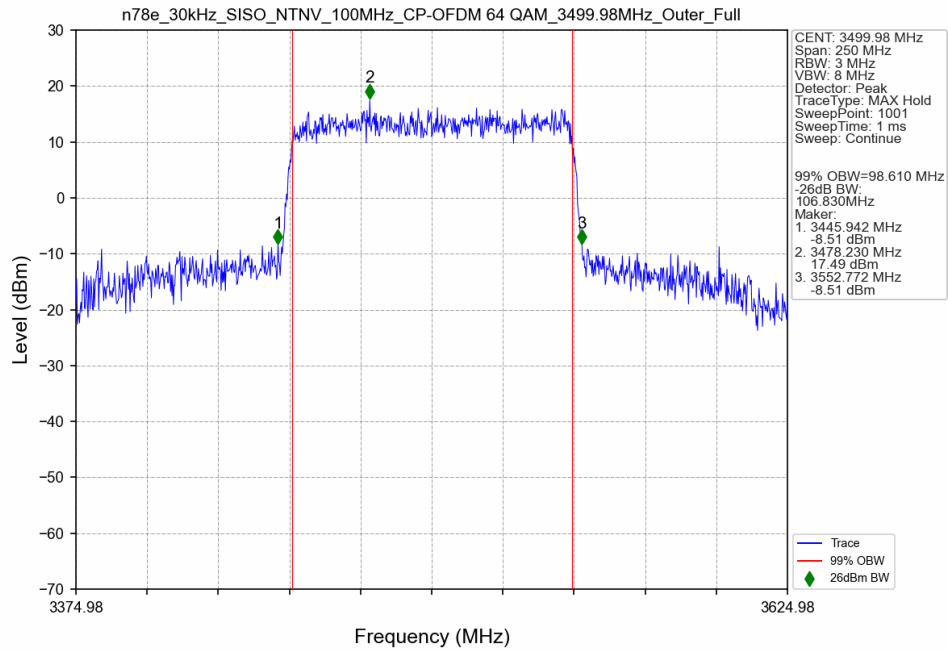
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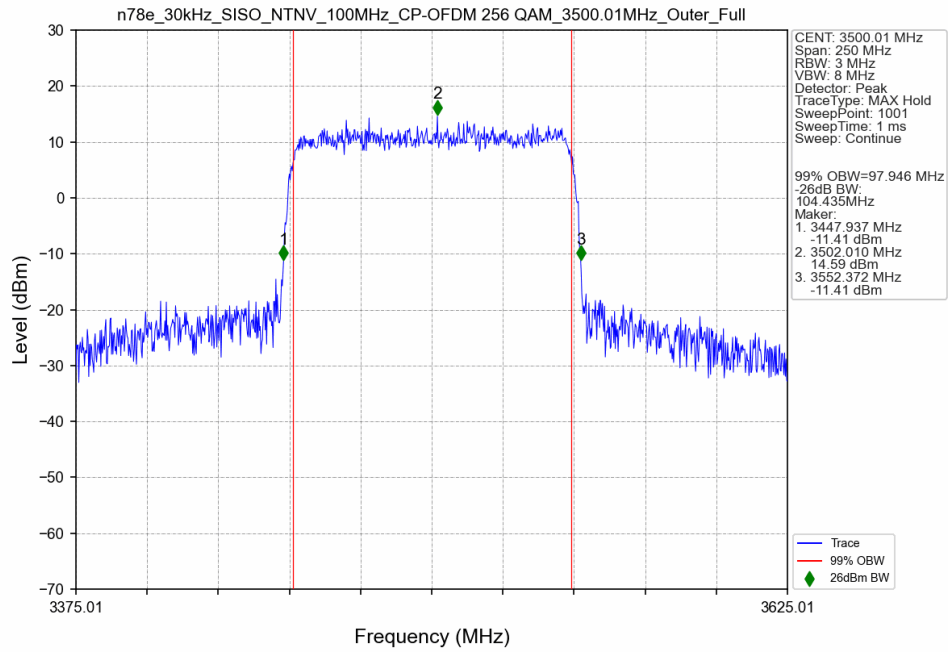
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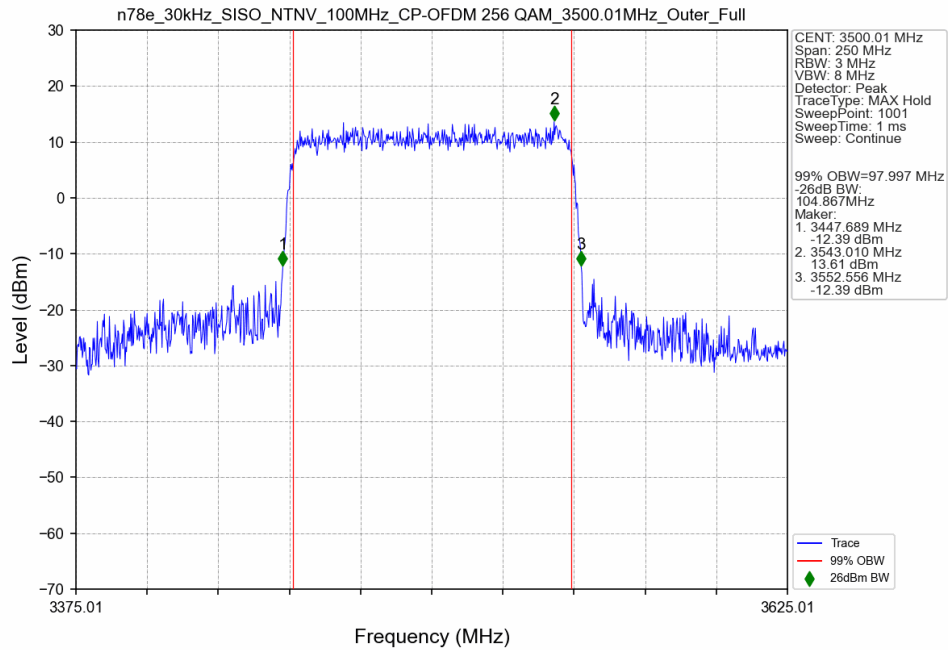
n78e 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3499.98MHz Outer Full Ant3

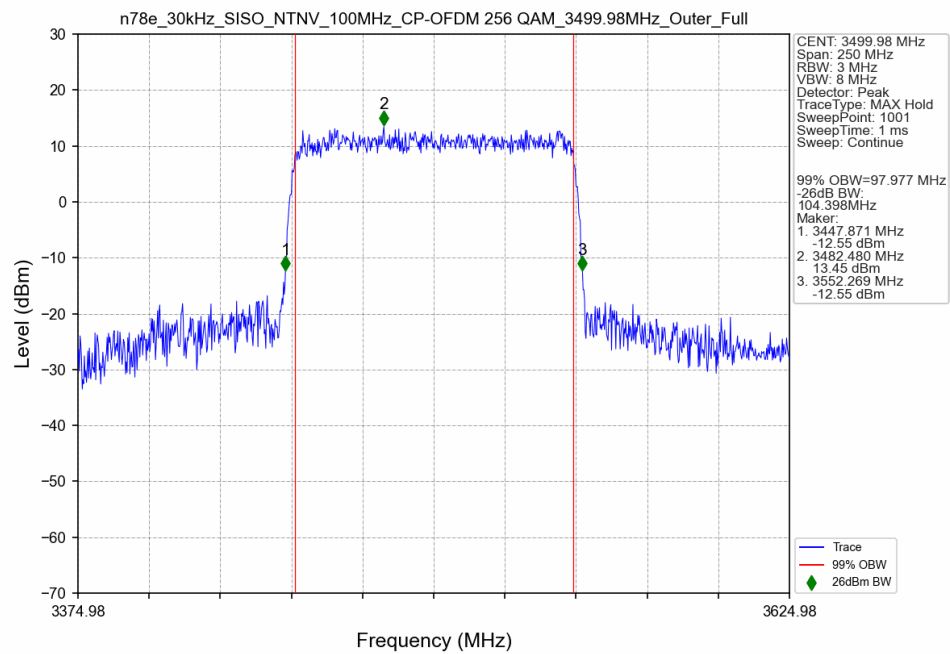


n78e 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant3



n78e 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant3





4. Peak-Average Ratio

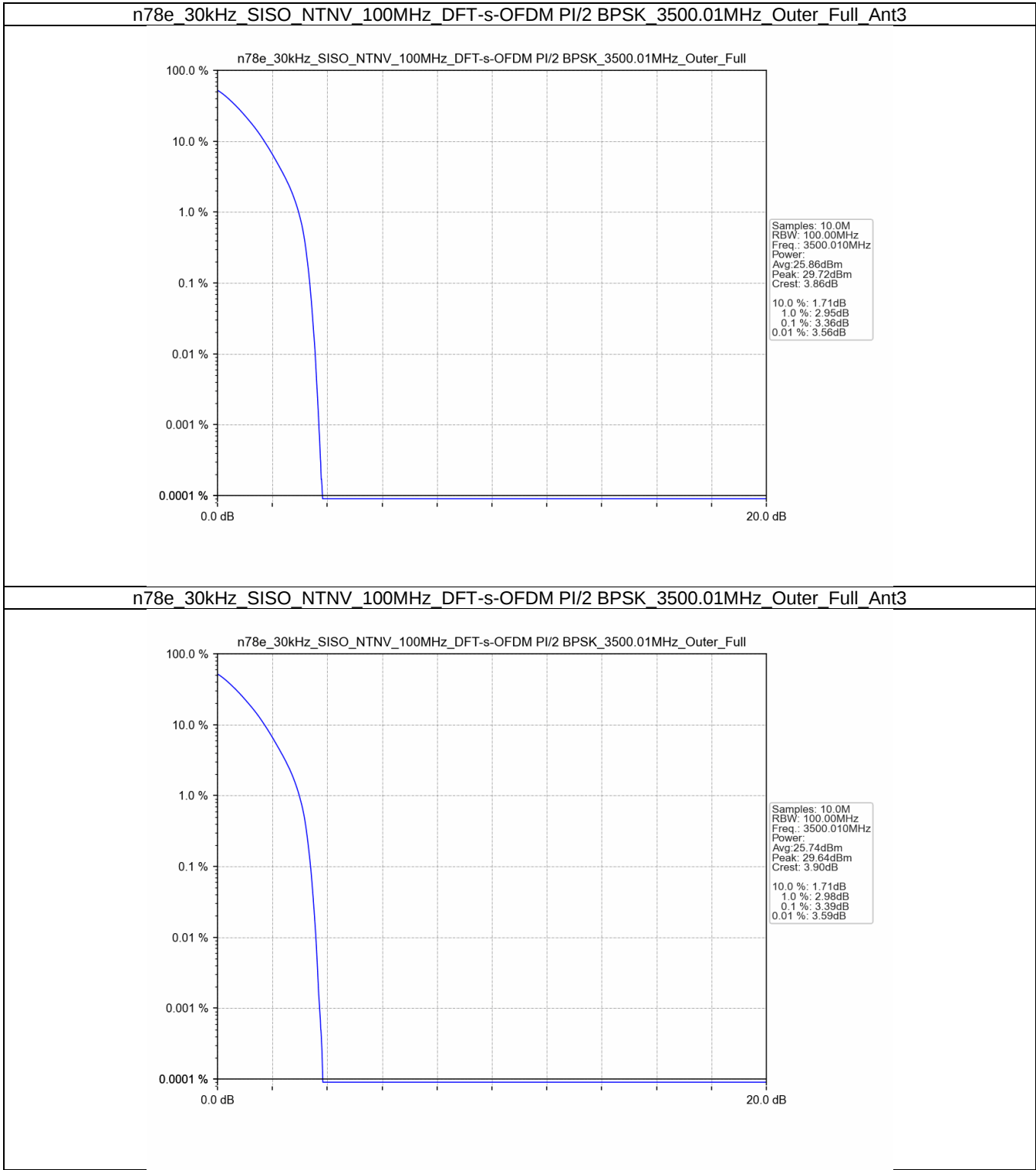
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

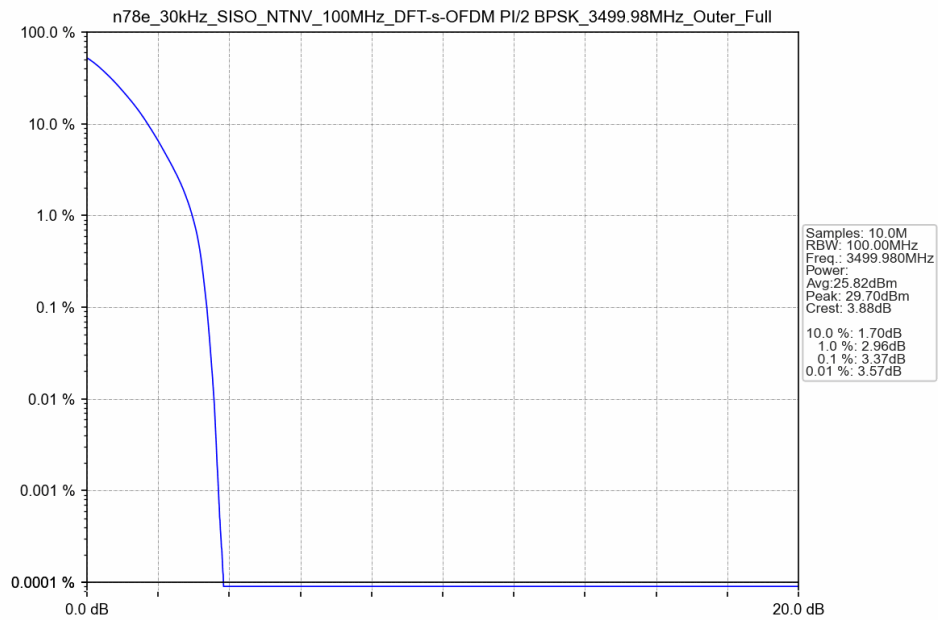
5G NR n78e SCS=30kHz SISO 100MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	3.36	/	/	<=13	Pass
	3500.01	Outer_Full	3.39	/	/	<=13	Pass
	3499.98	Outer_Full	3.37	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	4.22	/	/	<=13	Pass
	3500.01	Outer_Full	4.27	/	/	<=13	Pass
	3499.98	Outer_Full	4.24	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	5.00	/	/	<=13	Pass
	3500.01	Outer_Full	5.03	/	/	<=13	Pass
	3499.98	Outer_Full	5.04	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	5.38	/	/	<=13	Pass
	3500.01	Outer_Full	5.38	/	/	<=13	Pass
	3499.98	Outer_Full	5.36	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	6.25	/	/	<=13	Pass
	3500.01	Outer_Full	6.23	/	/	<=13	Pass
	3499.98	Outer_Full	6.24	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	6.15	/	/	<=13	Pass
	3500.01	Outer_Full	6.19	/	/	<=13	Pass
	3499.98	Outer_Full	6.13	/	/	<=13	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	6.20	/	/	<=13	Pass
	3500.01	Outer_Full	6.19	/	/	<=13	Pass
	3499.98	Outer_Full	6.19	/	/	<=13	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	6.41	/	/	<=13	Pass
	3500.01	Outer_Full	6.41	/	/	<=13	Pass
	3499.98	Outer_Full	6.42	/	/	<=13	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.10	/	/	<=13	Pass
	3500.01	Outer_Full	8.13	/	/	<=13	Pass
	3499.98	Outer_Full	8.10	/	/	<=13	Pass

4.2 Test Graph

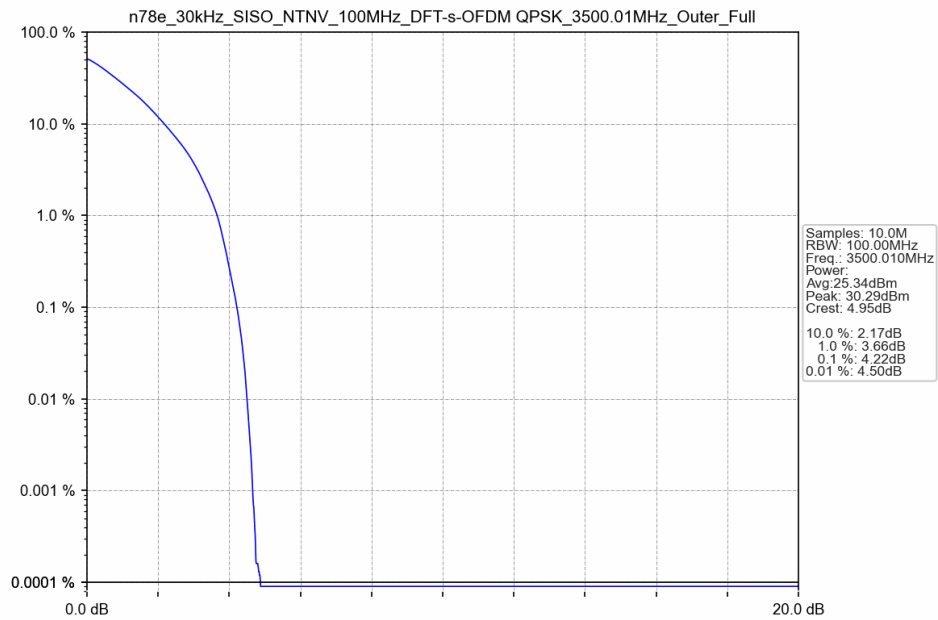
4.2.1 30k_SISO_100MHz_NTNV



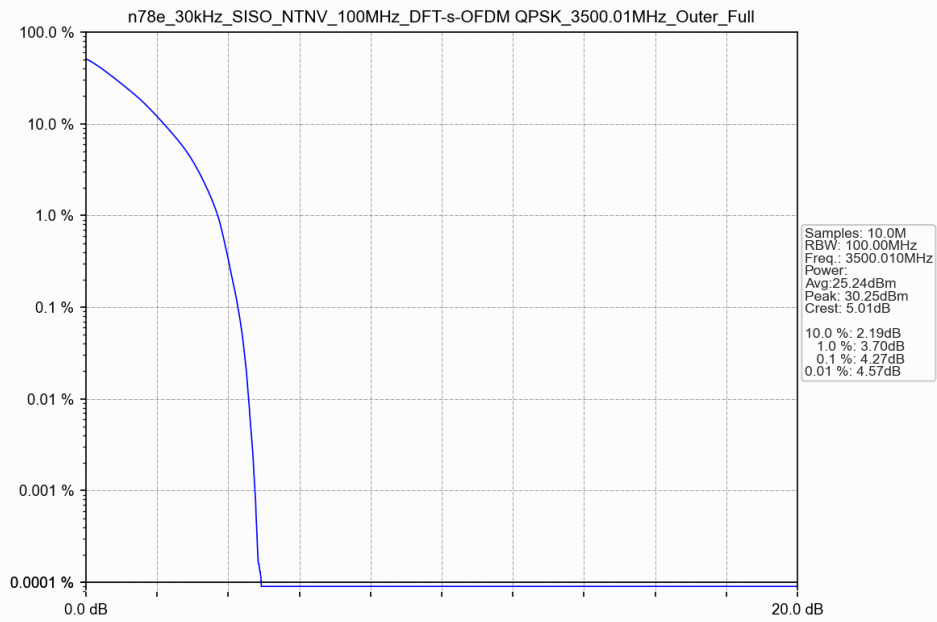
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3499.98MHz Outer Full Ant3



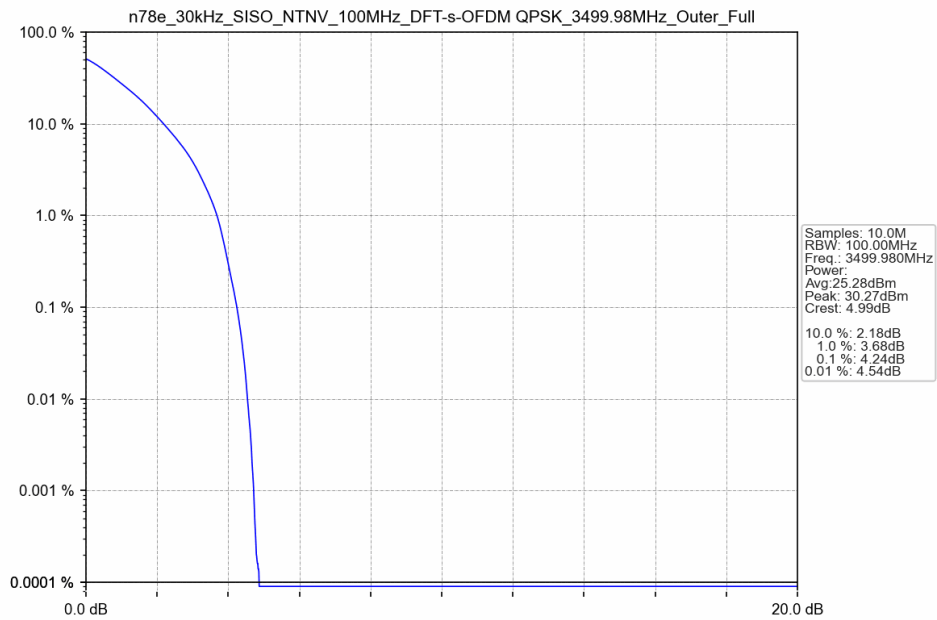
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Outer Full Ant3



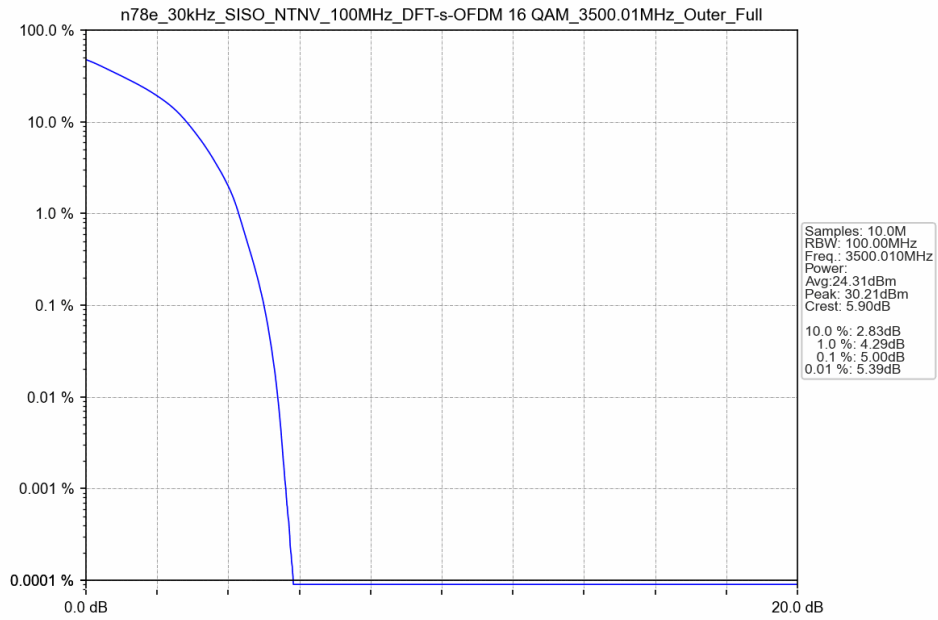
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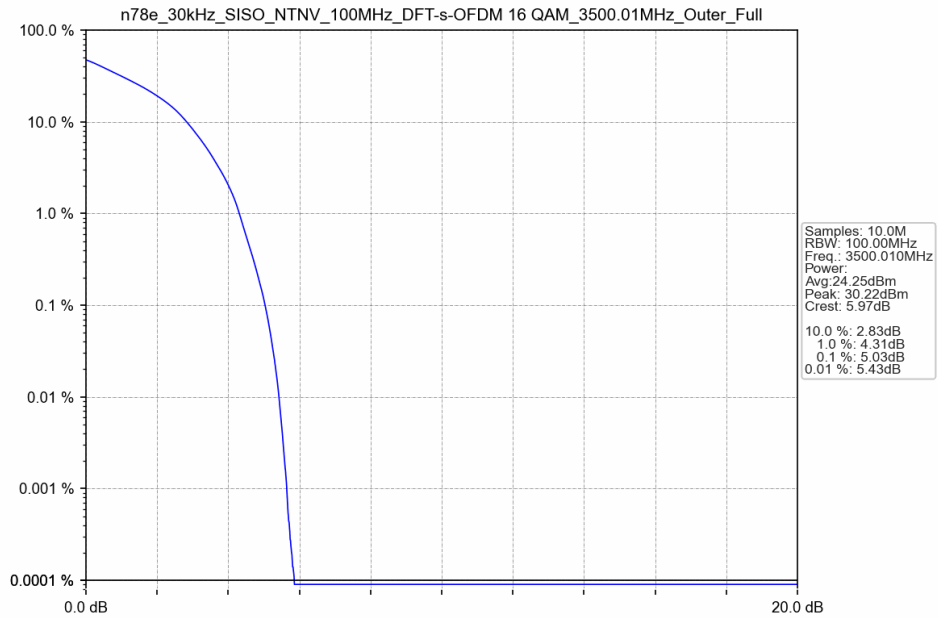
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3499.98MHz Outer Full Ant3



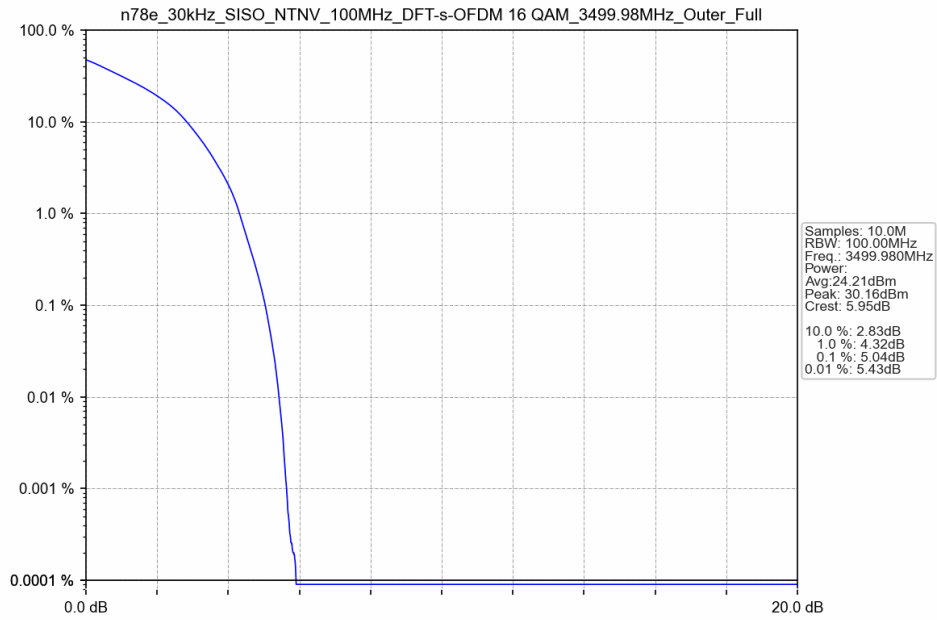
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant3



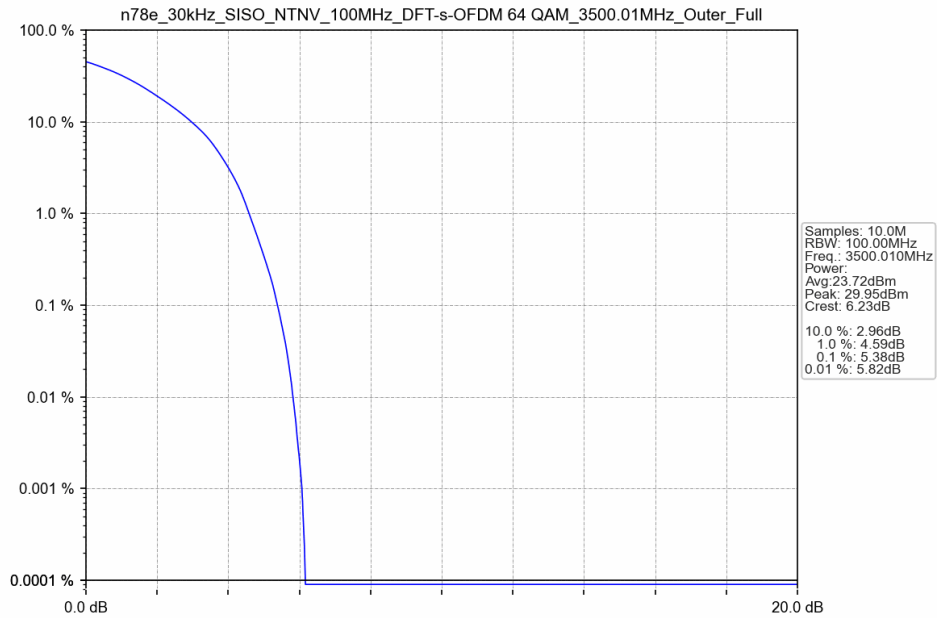
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant3



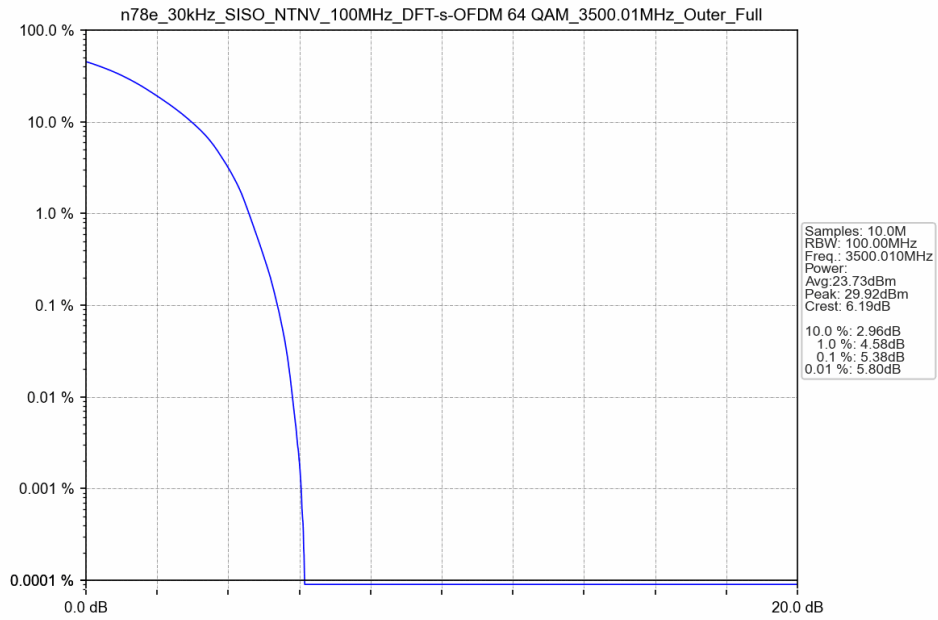
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3499.98MHz Outer Full Ant3



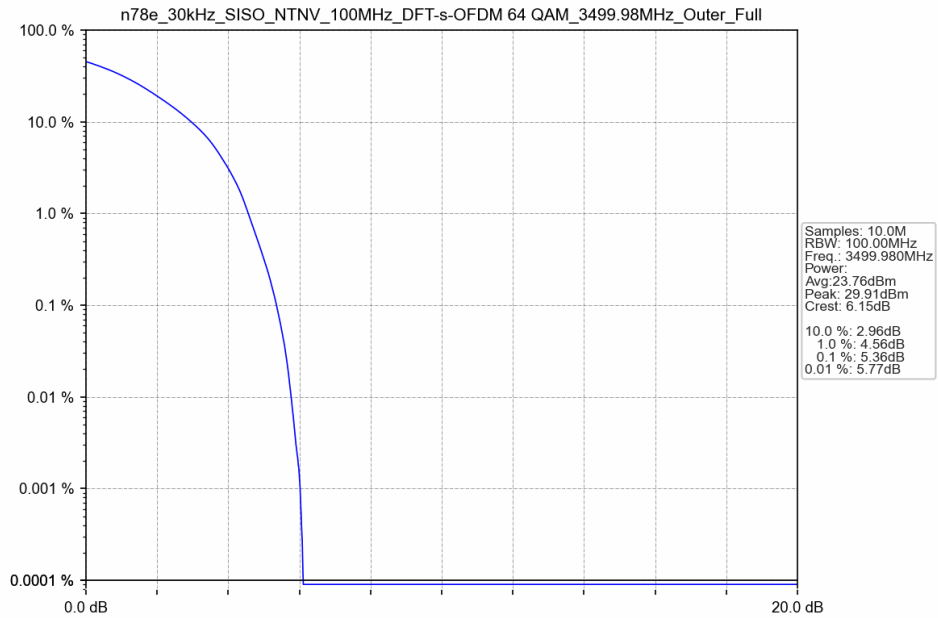
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant3



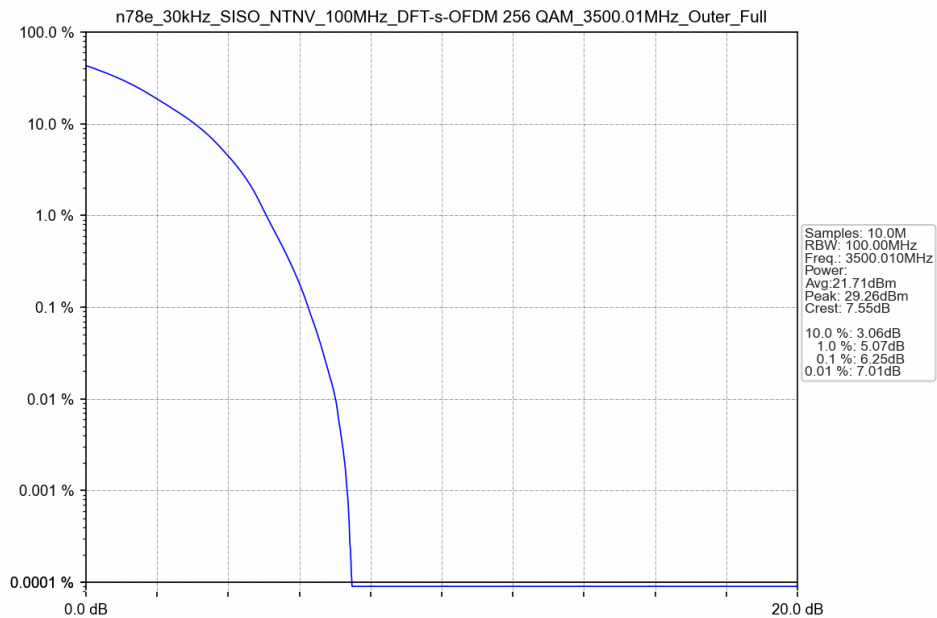
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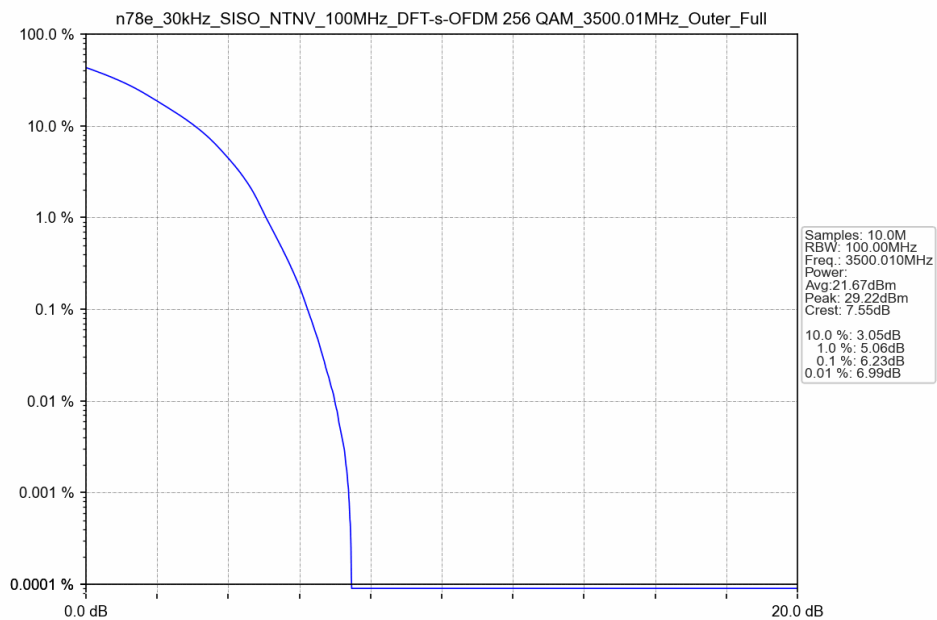
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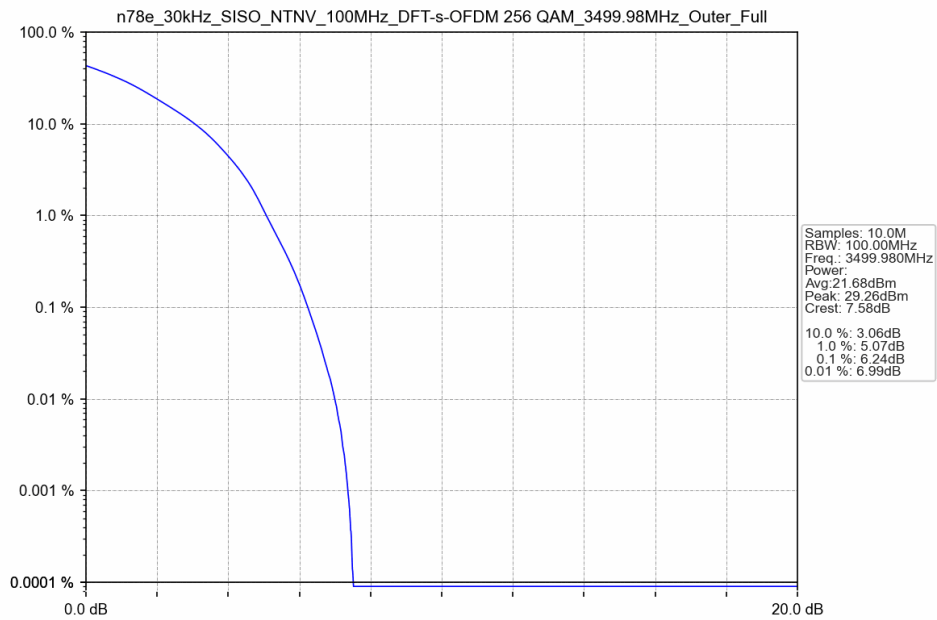
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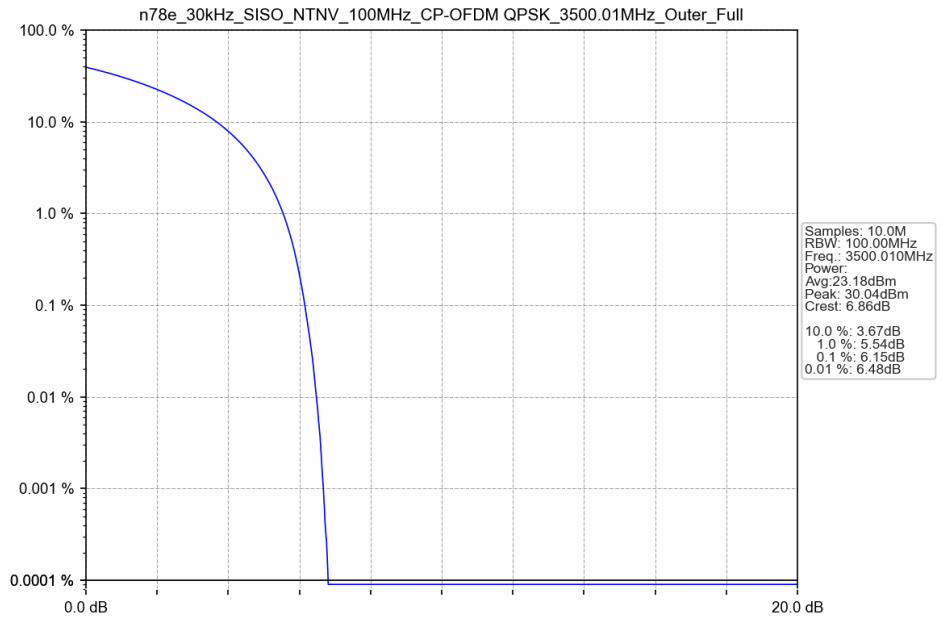
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant3



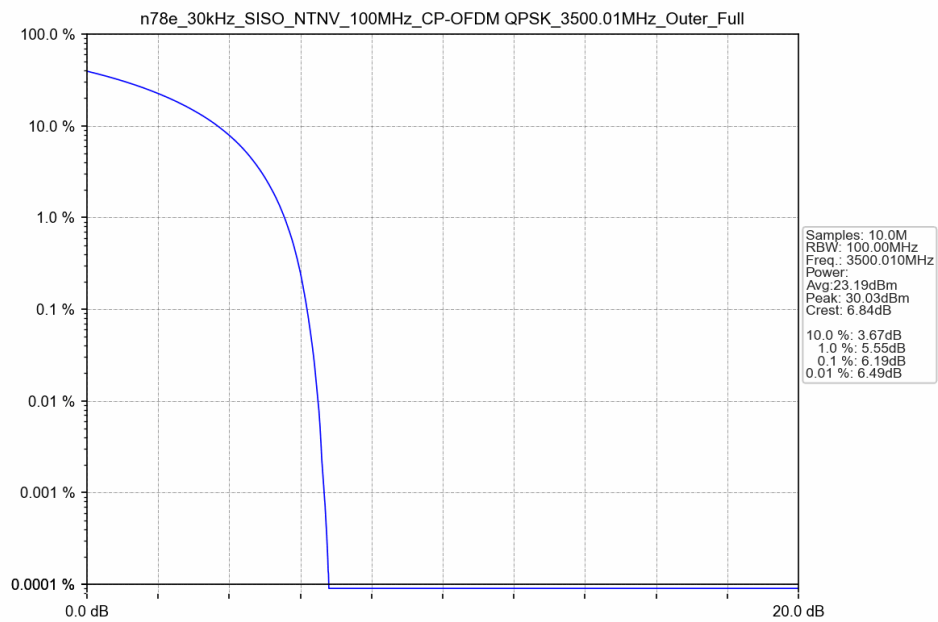
n78e 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3499.98MHz Outer Full Ant3



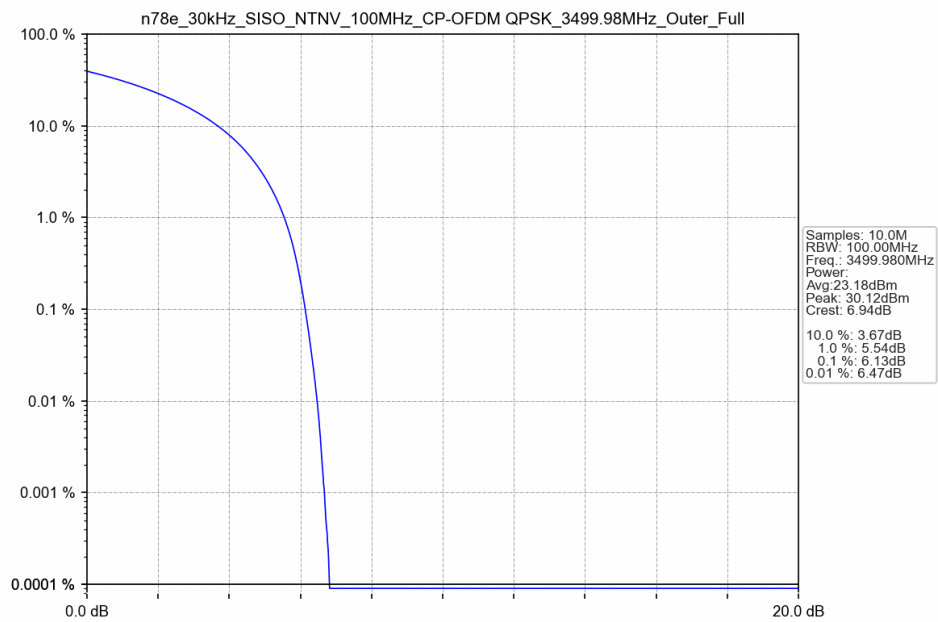
n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant3



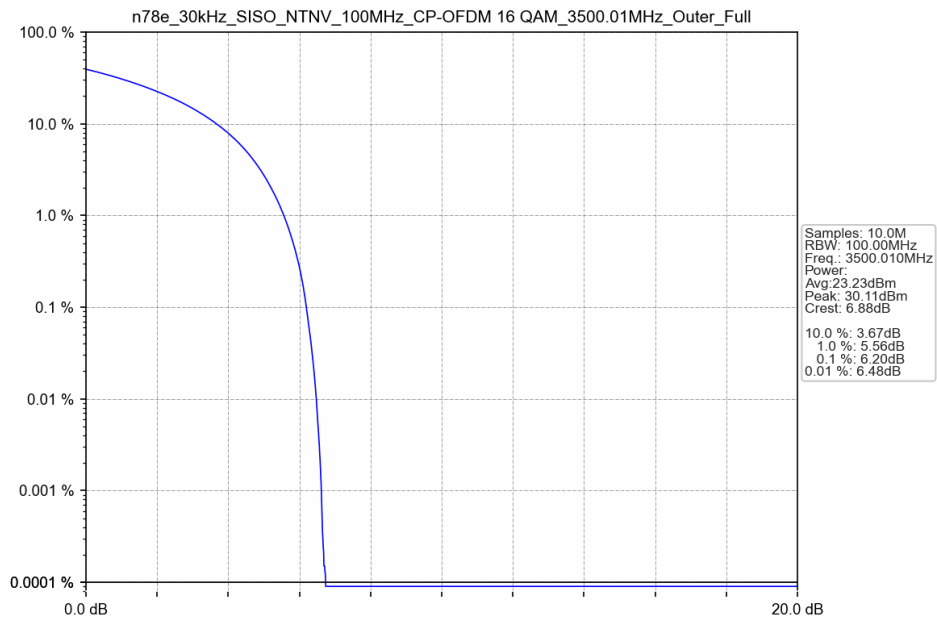
n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant3



n78e 30kHz SISO NTN 100MHz CP-OFDM QPSK 3499.98MHz Outer Full Ant3



n78e 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant3



n78e 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant3

