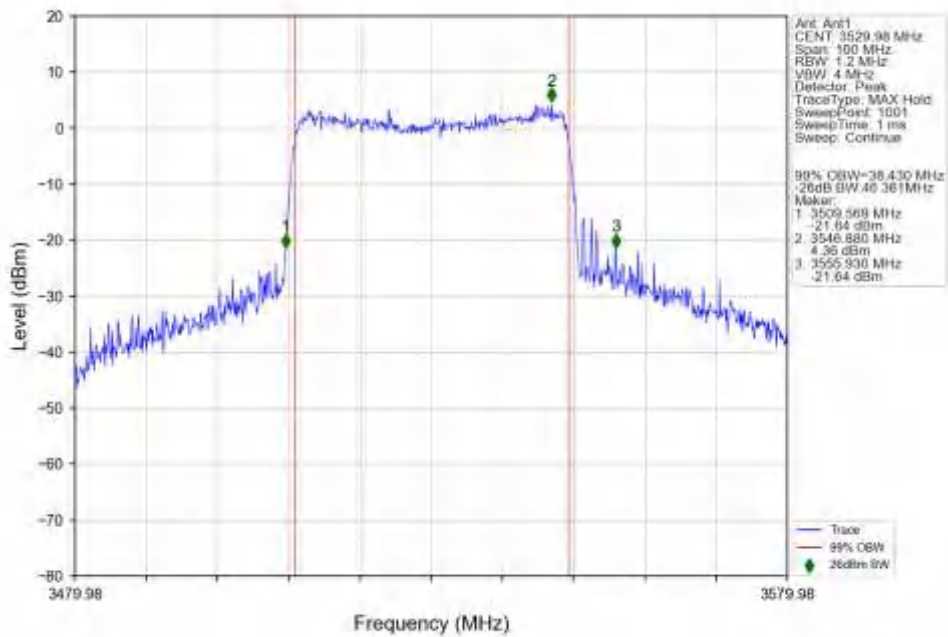
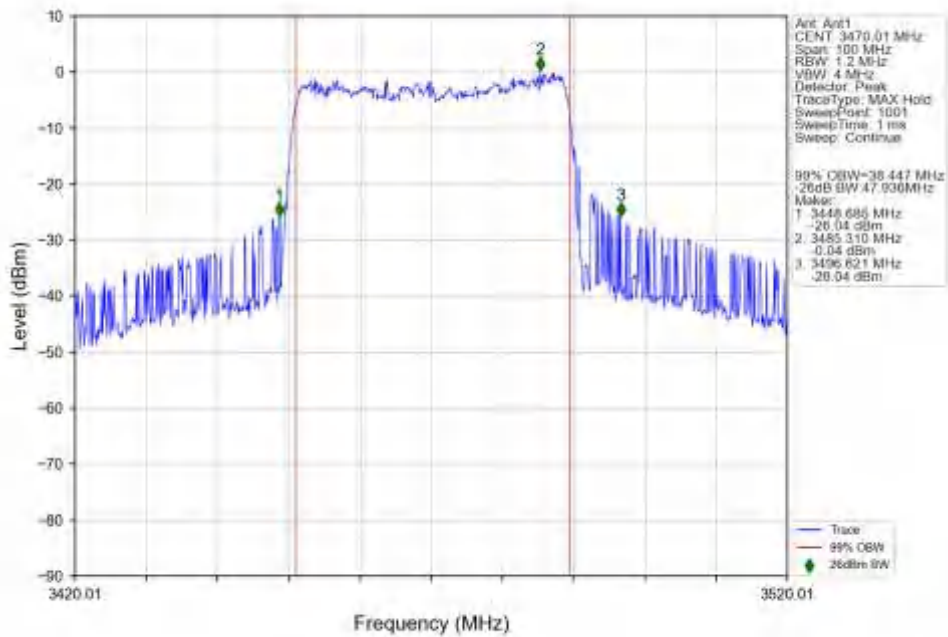


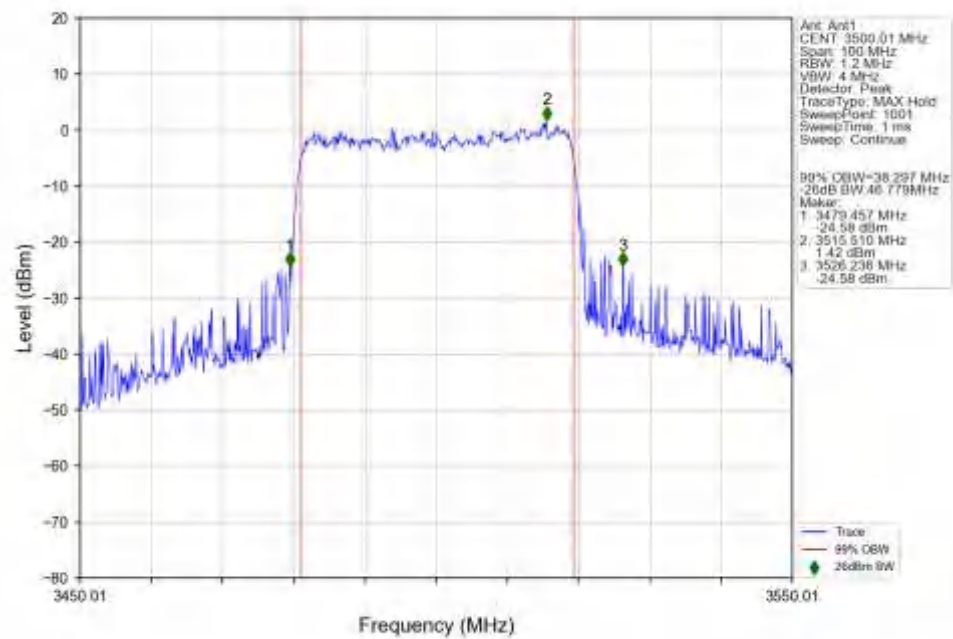
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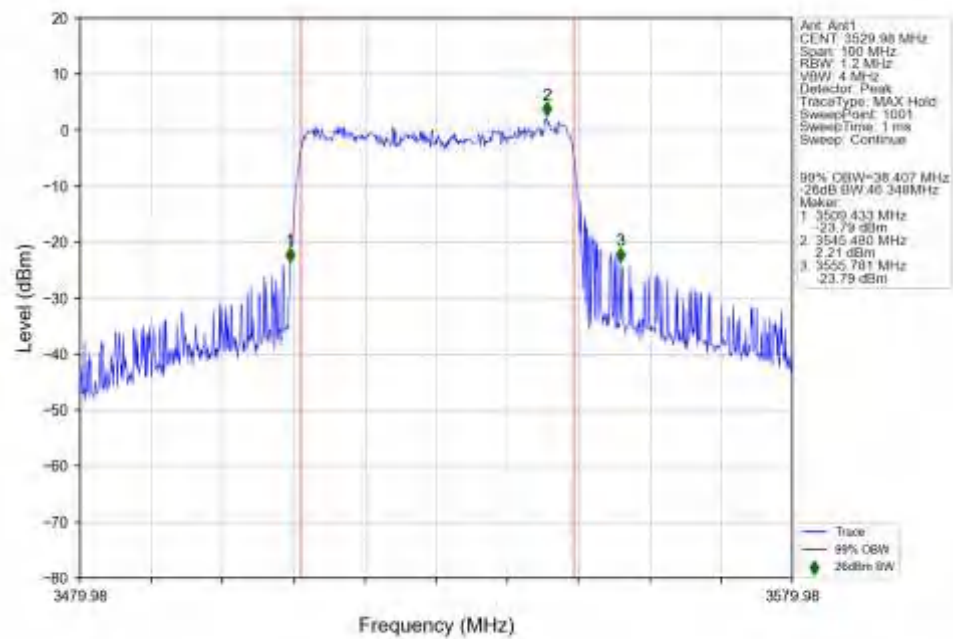
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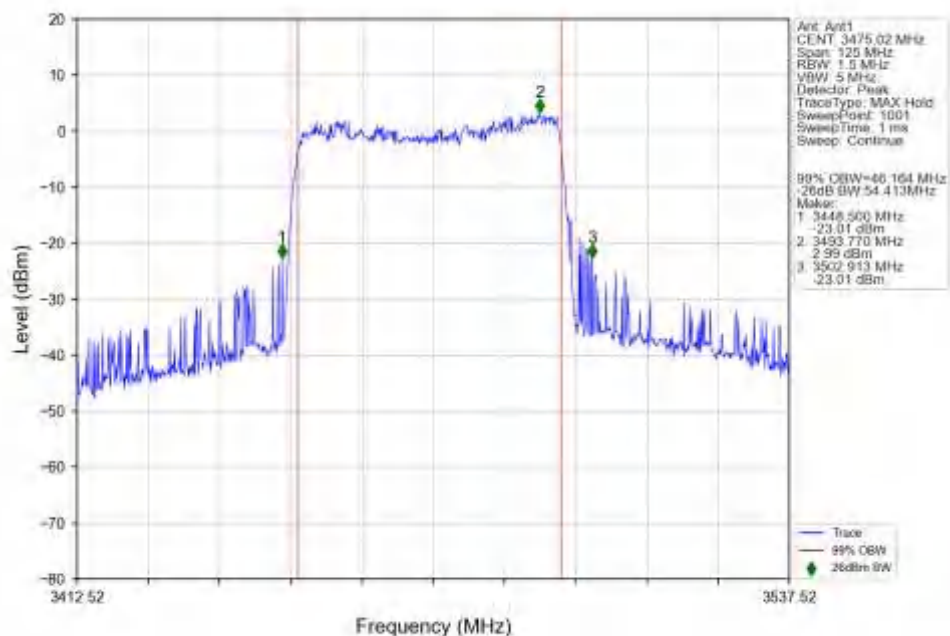


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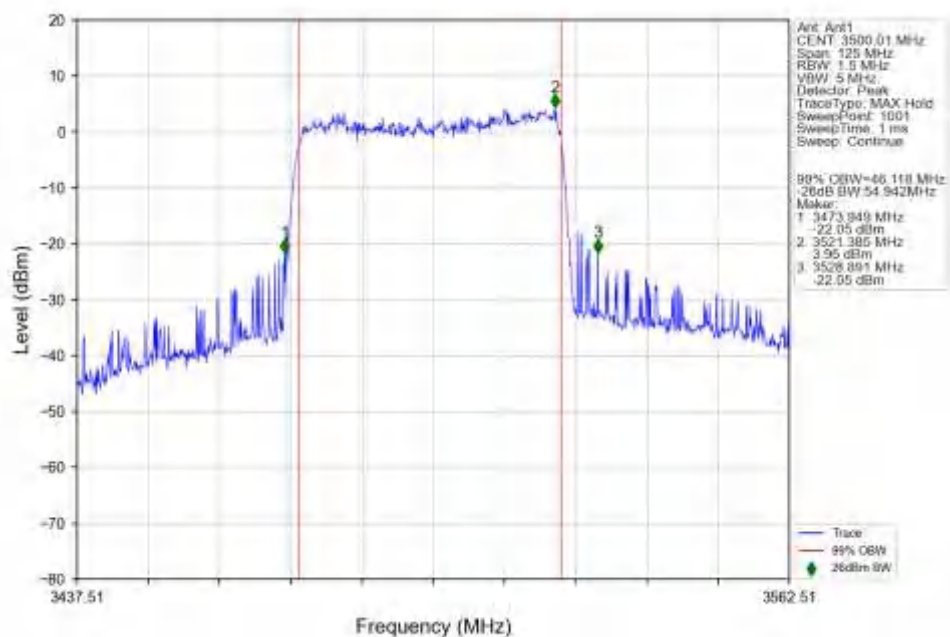


4.2.14 30k_SISO_50MHz_NTNV

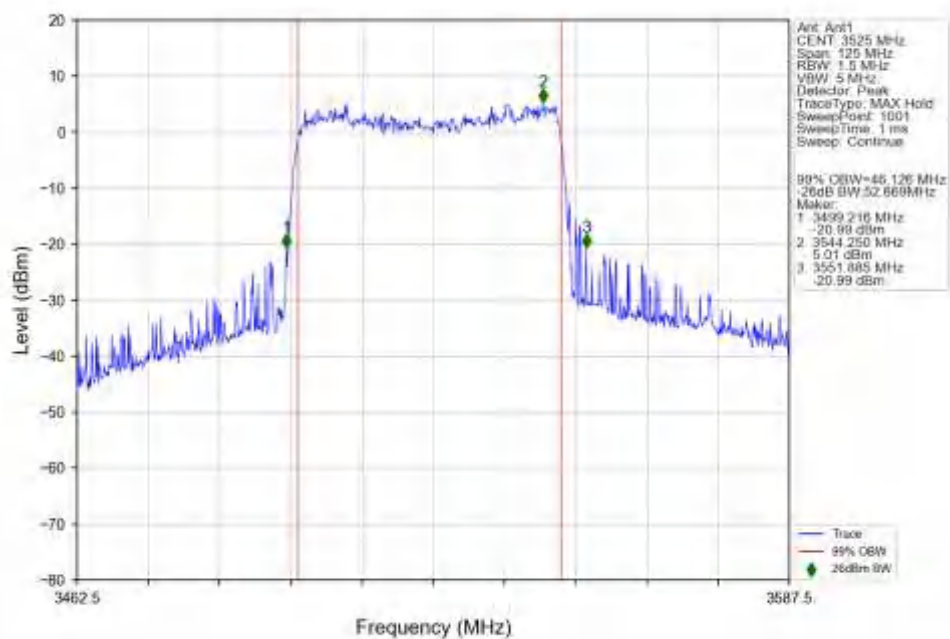
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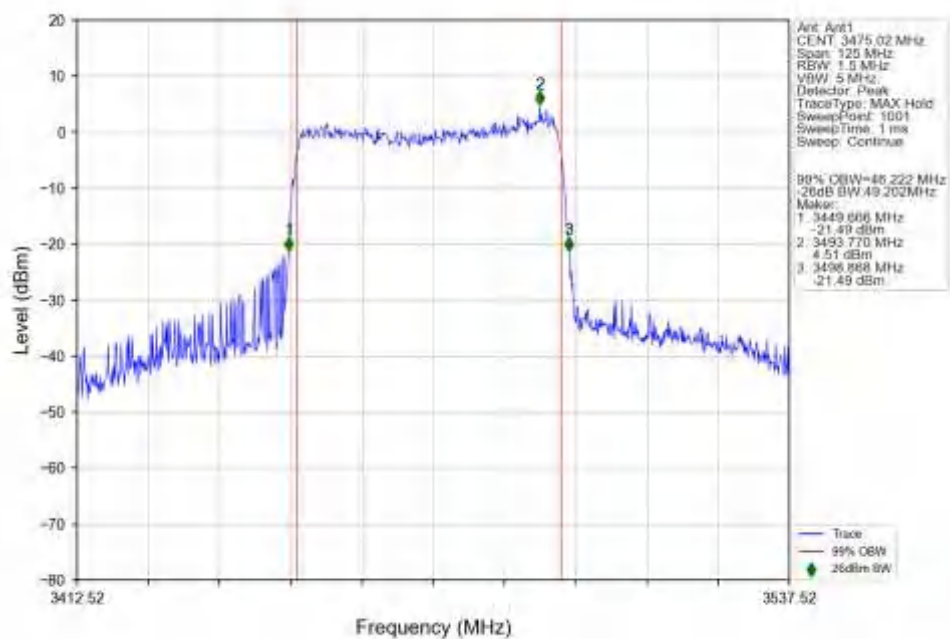
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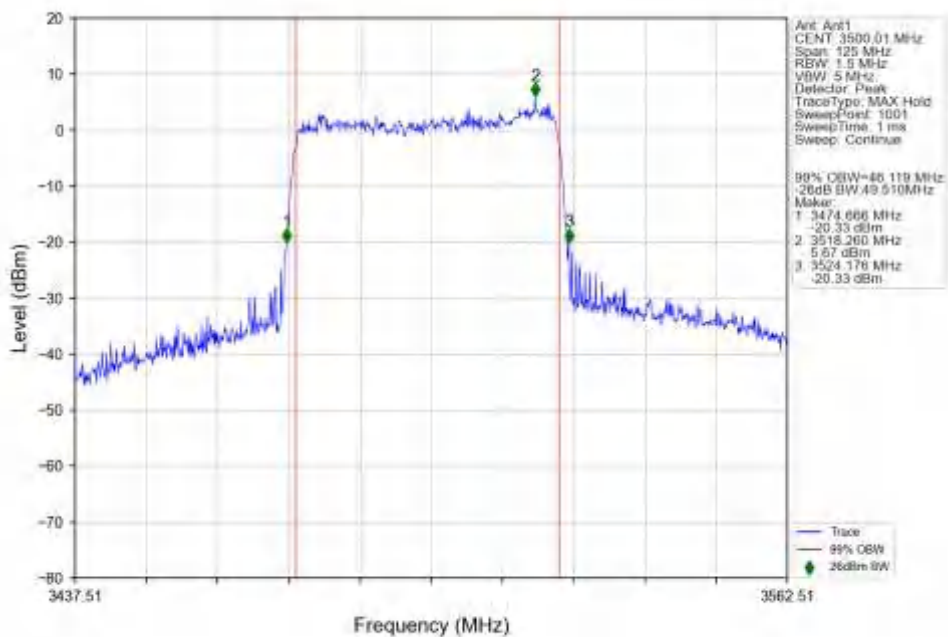
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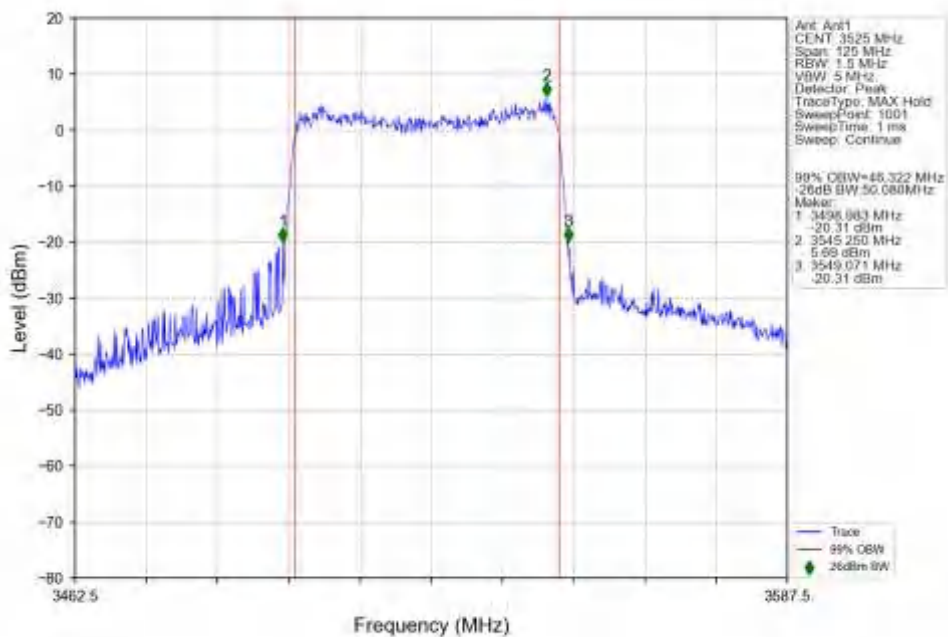
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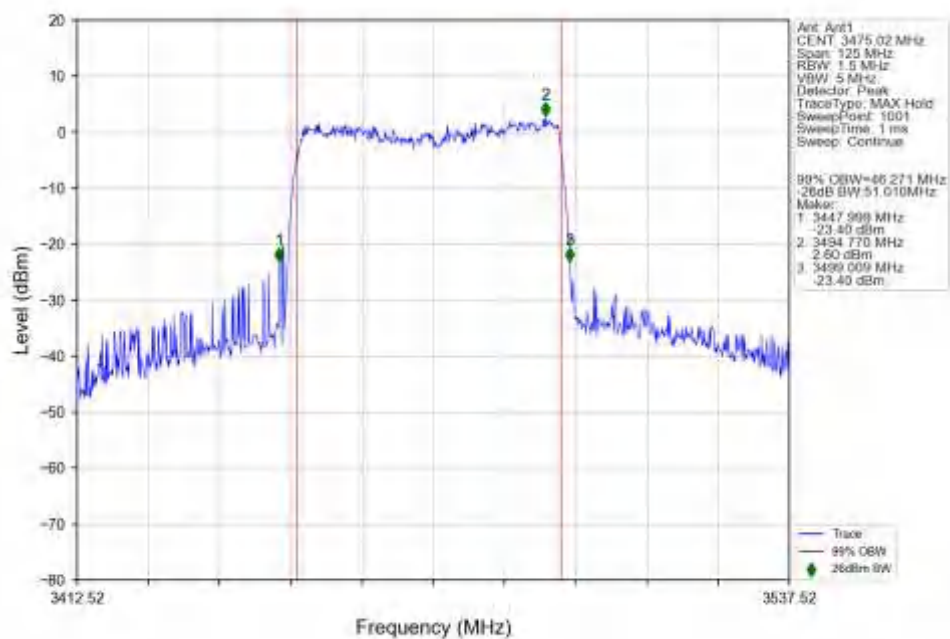
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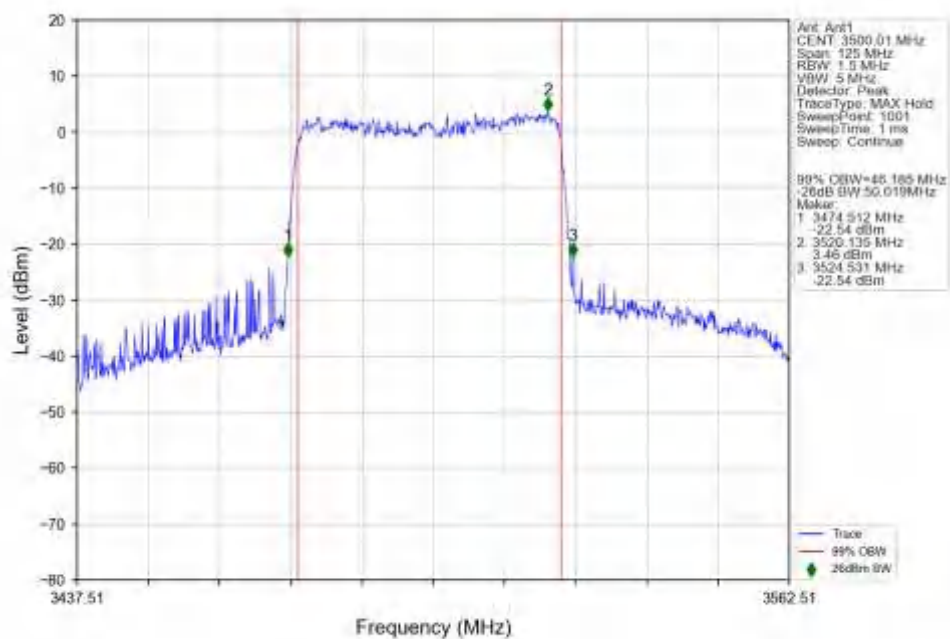
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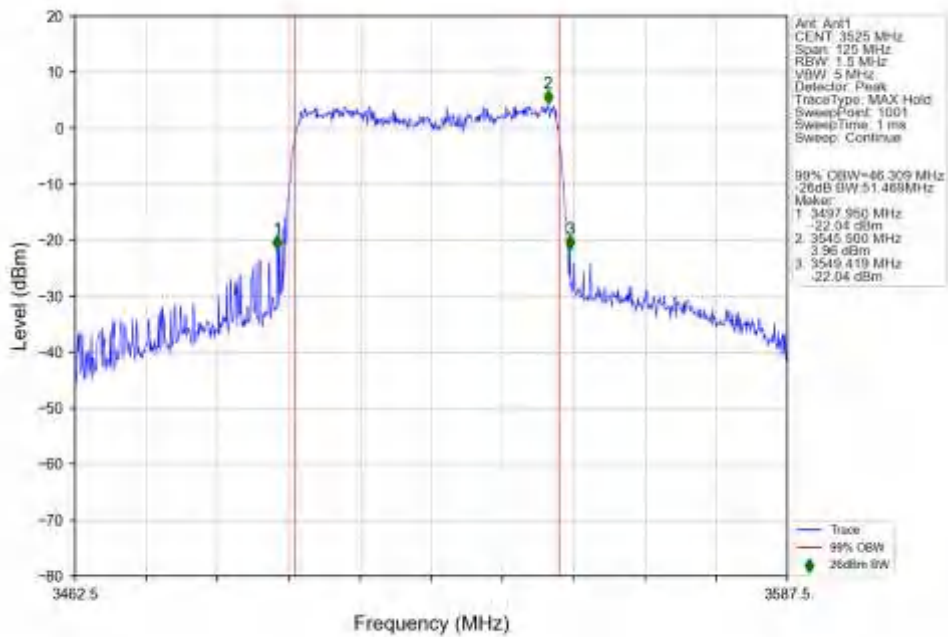
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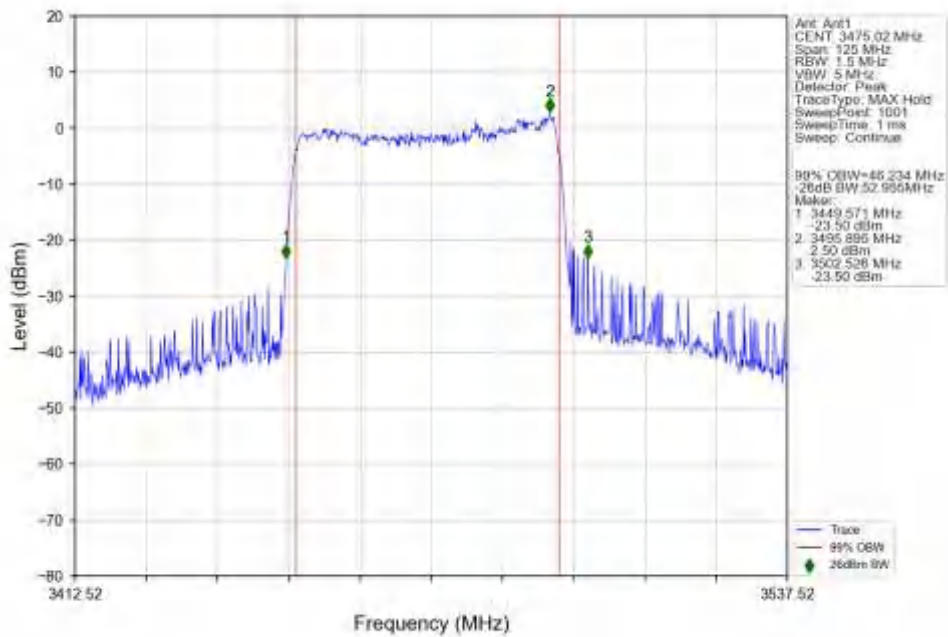
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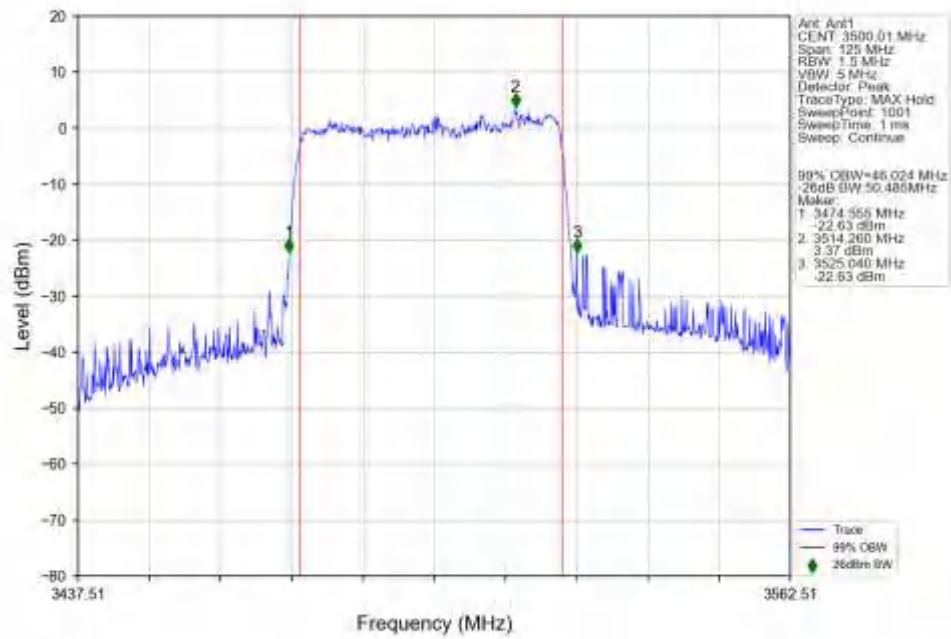
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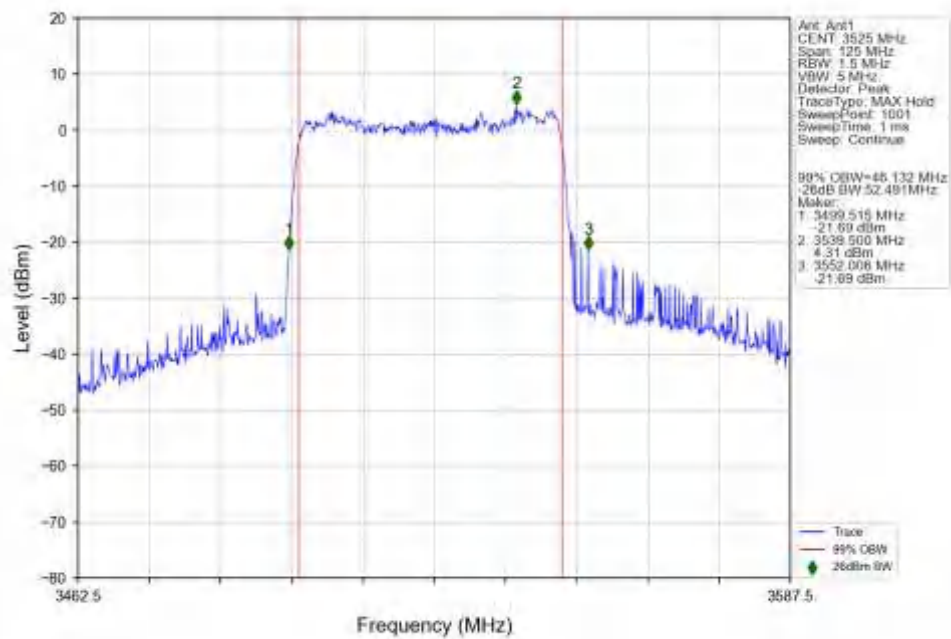
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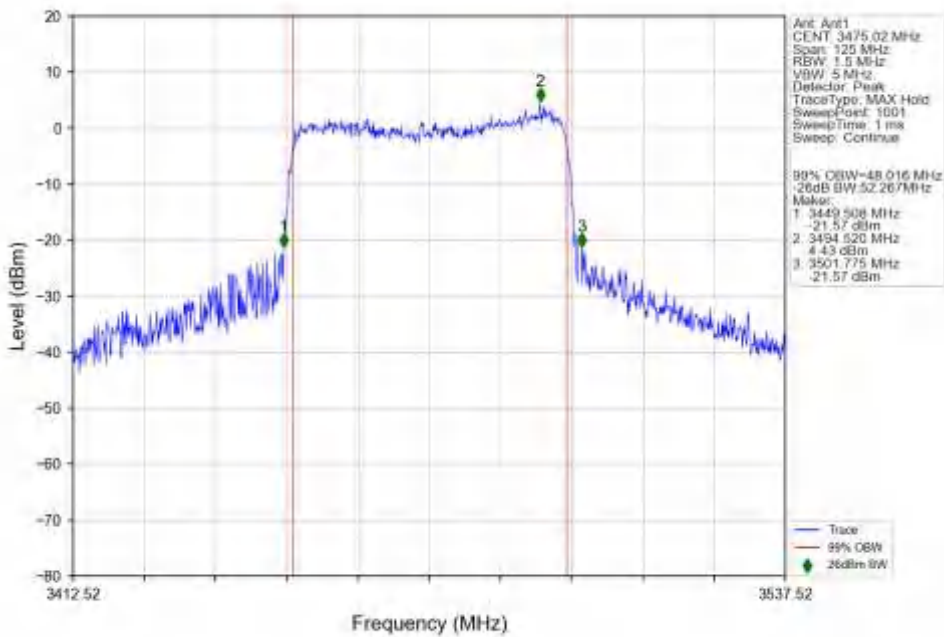
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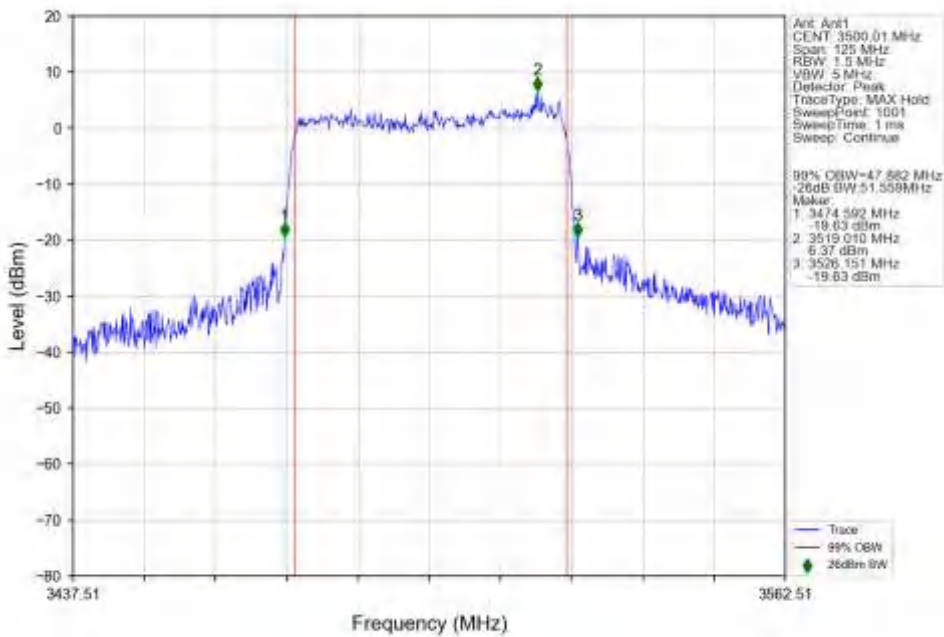
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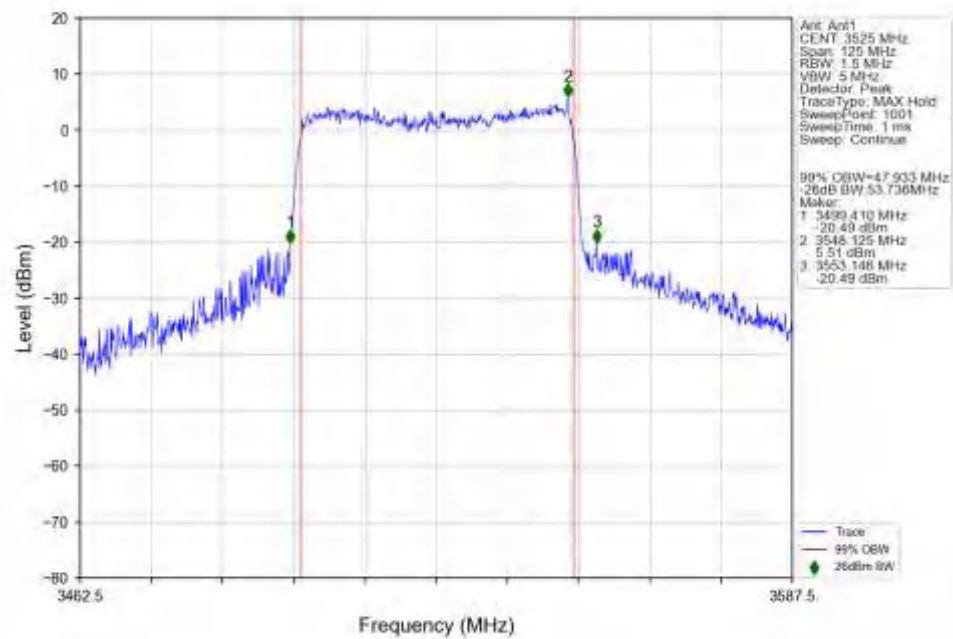
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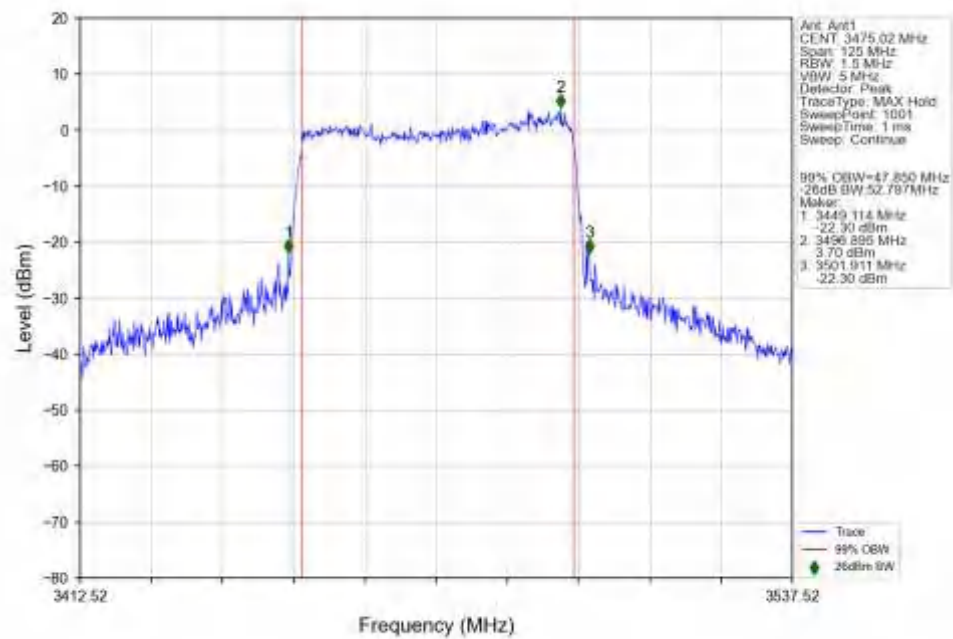
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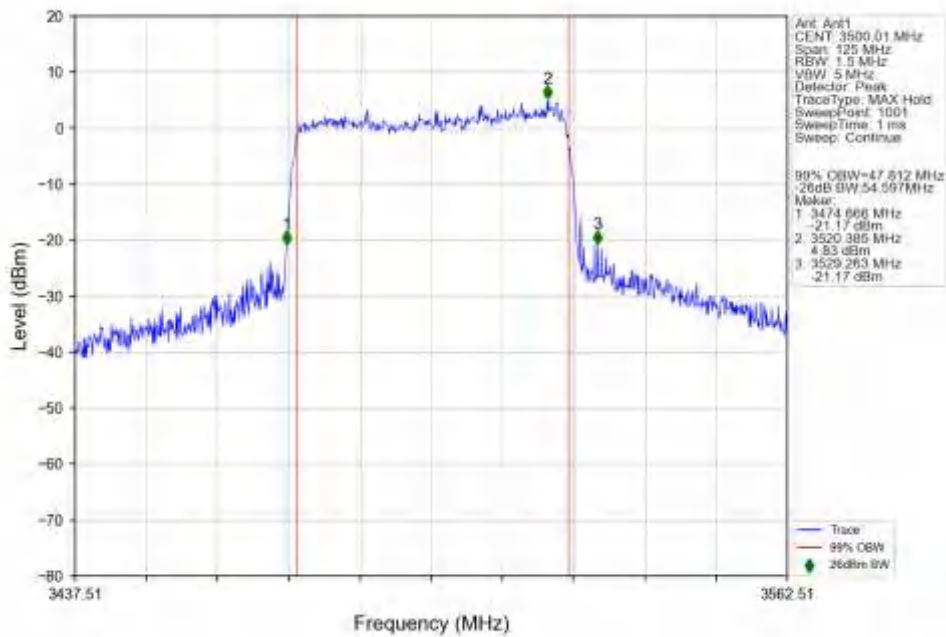
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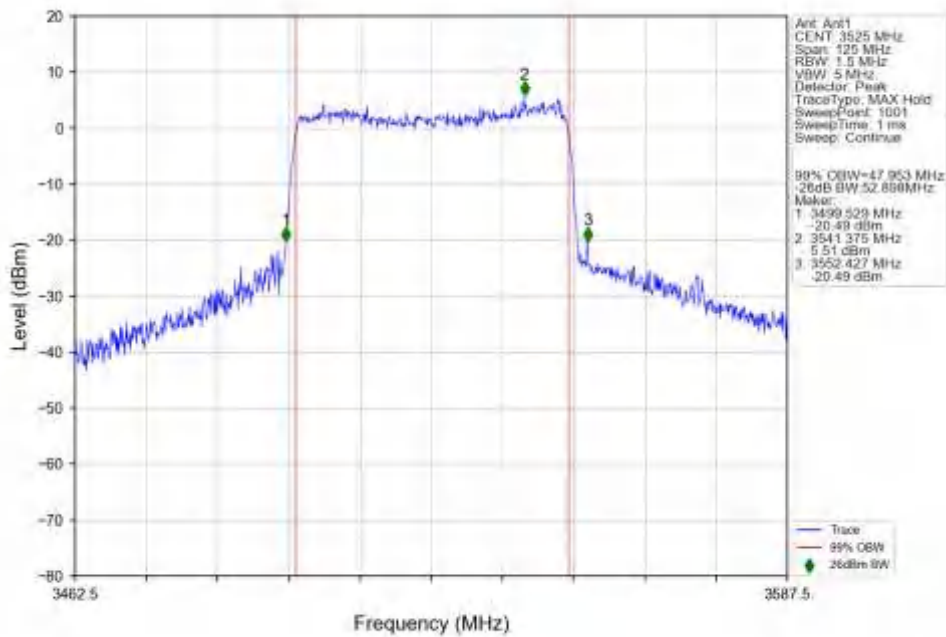
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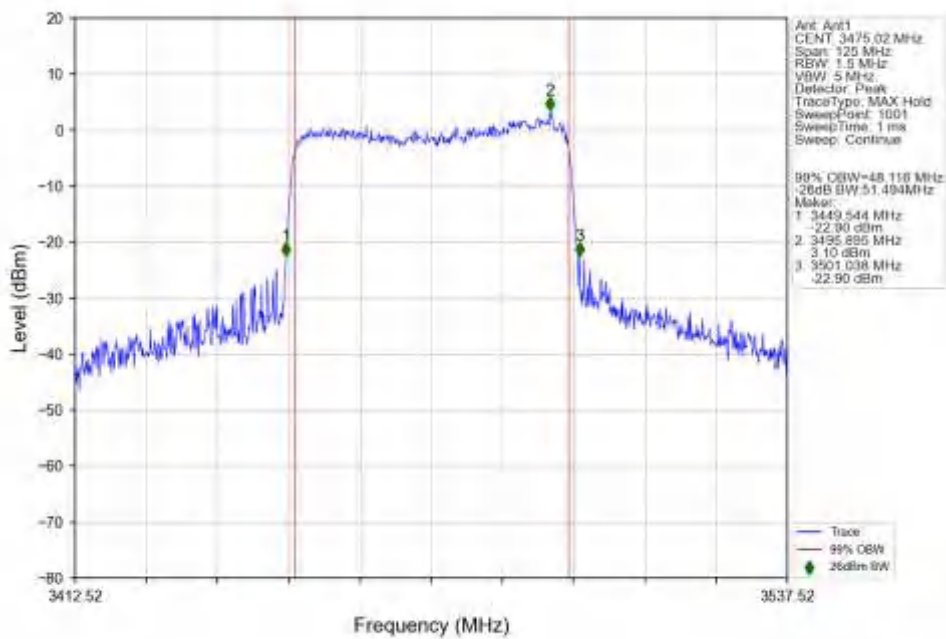
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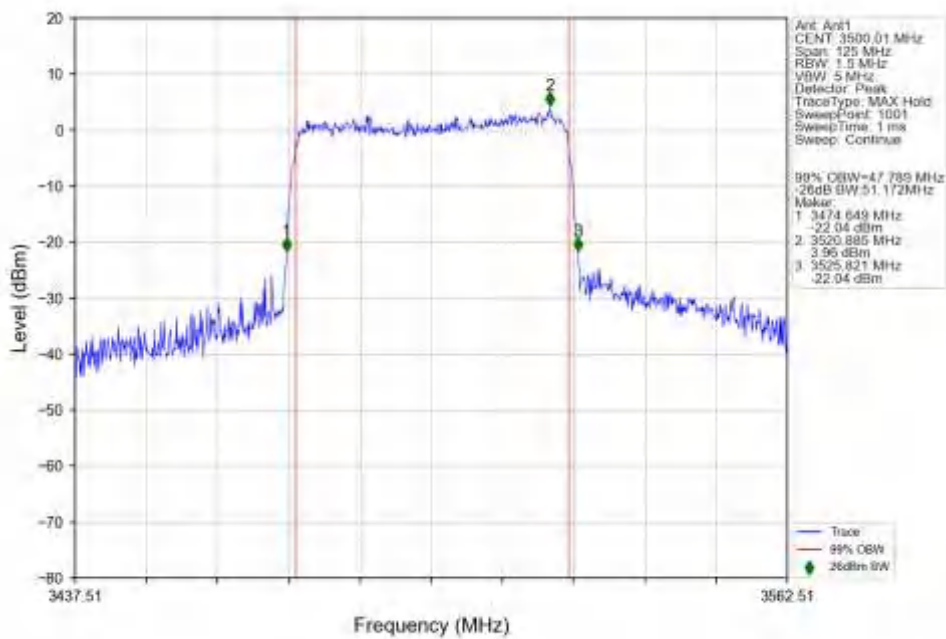
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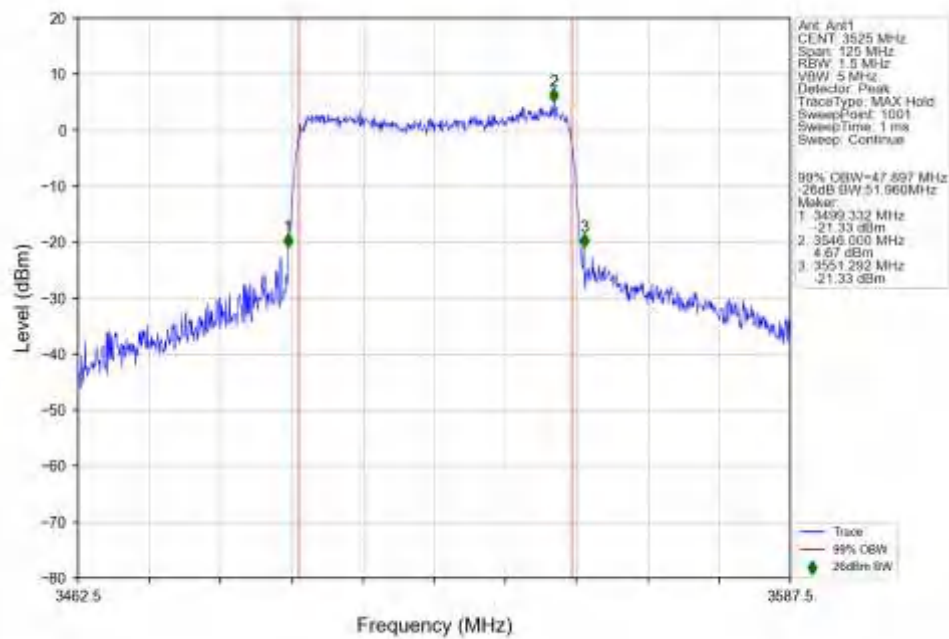
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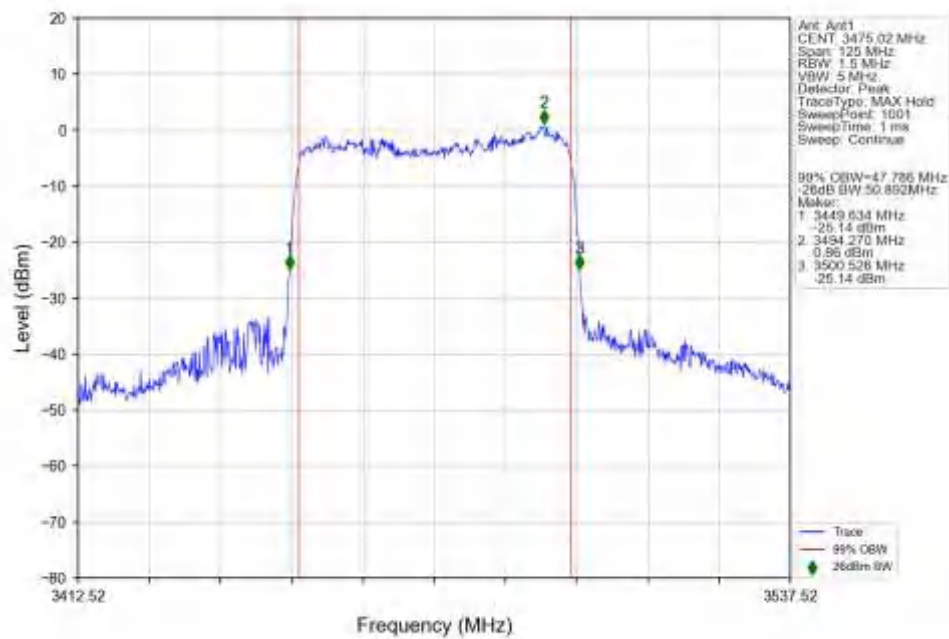
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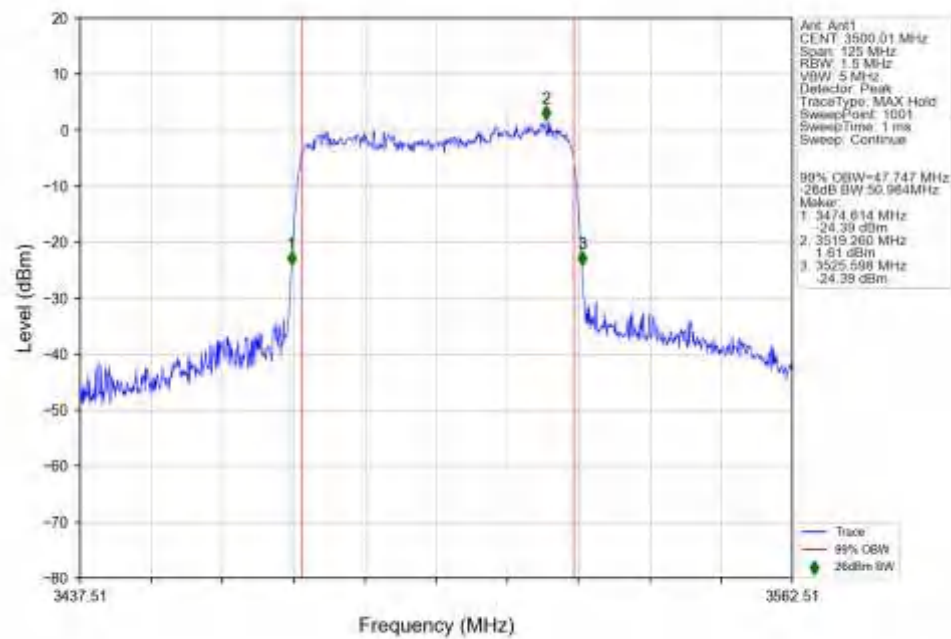
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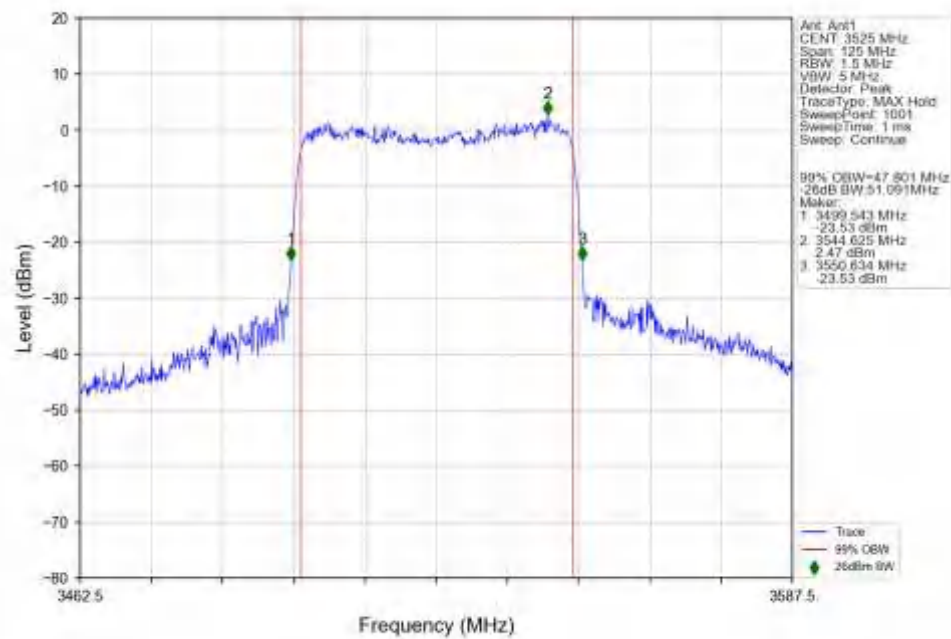
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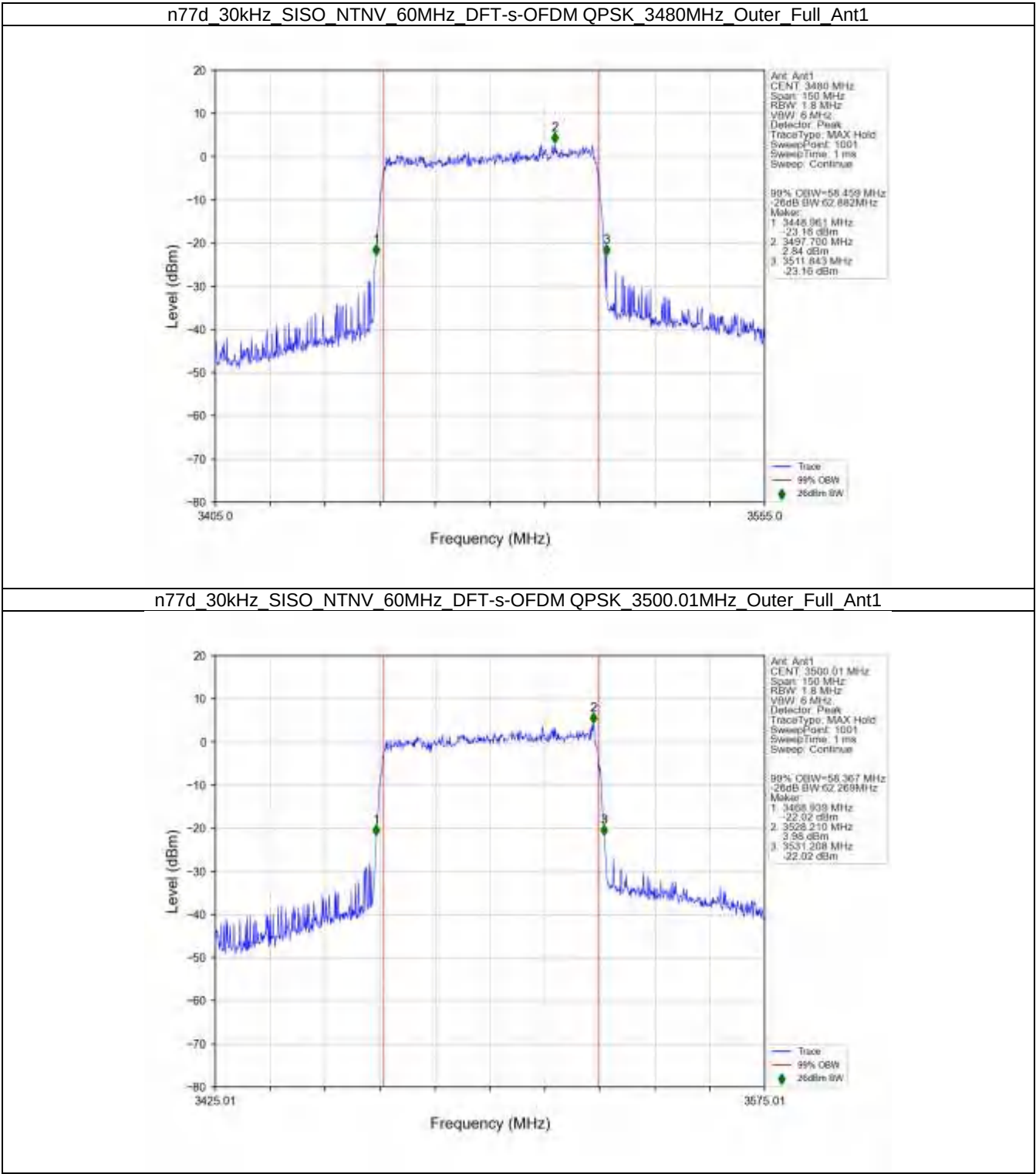
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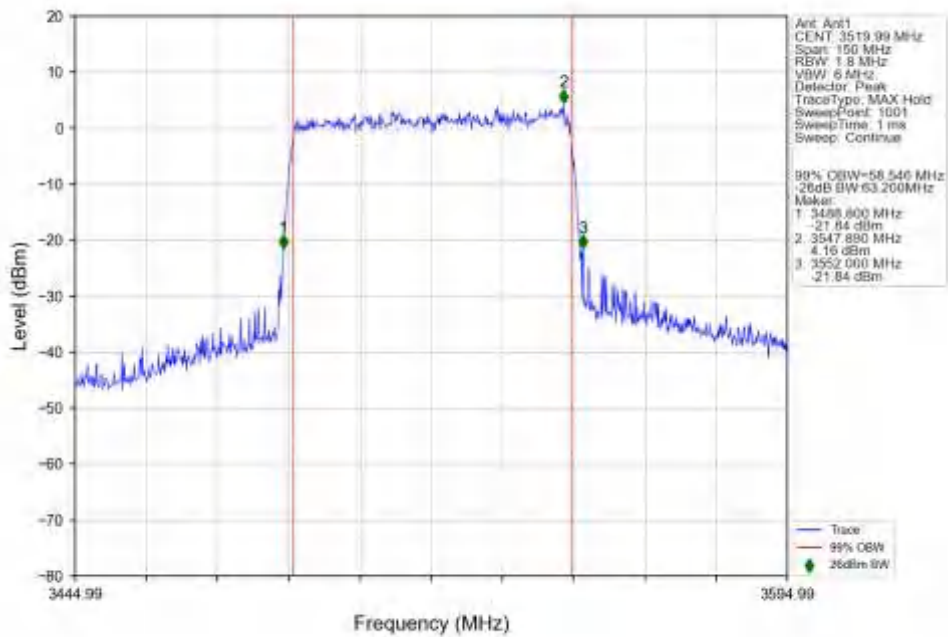
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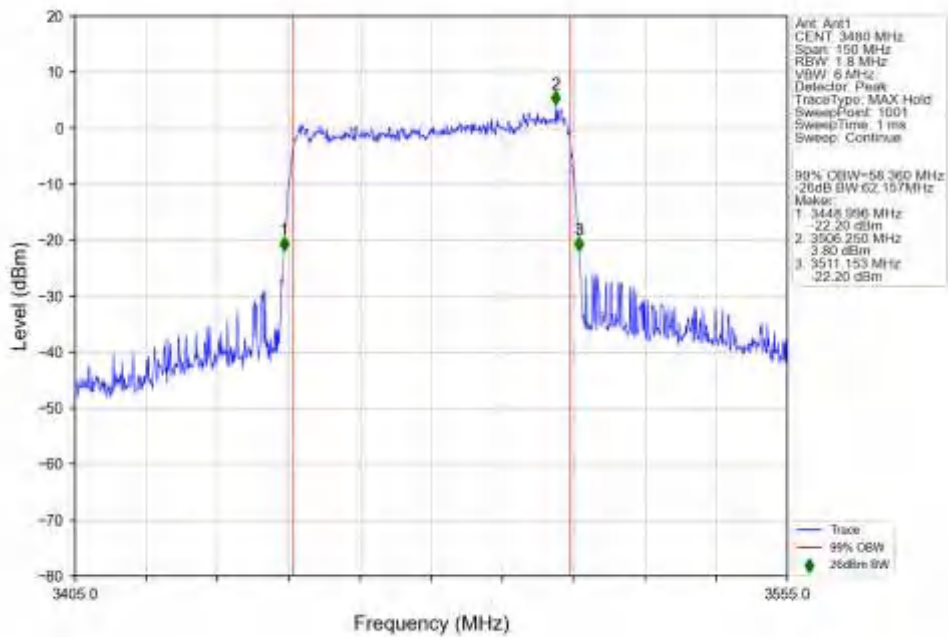
4.2.15 30k_SISO_60MHz_NTNV



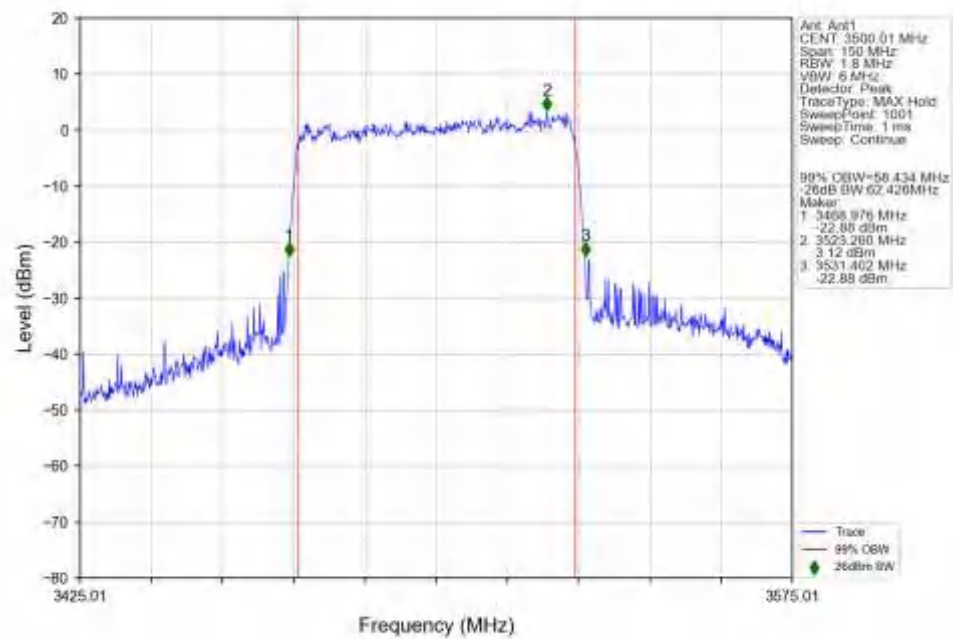
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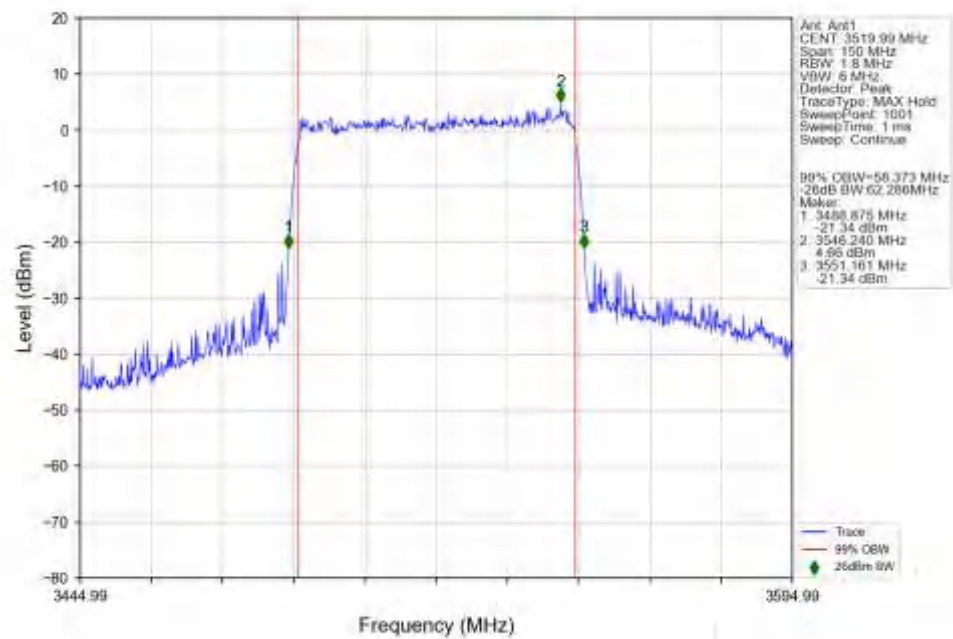
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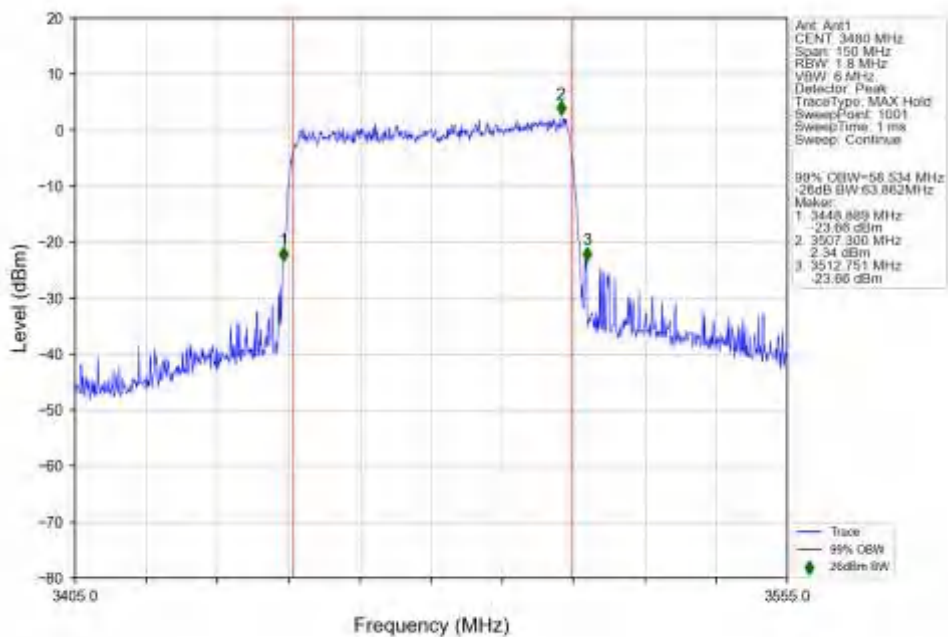
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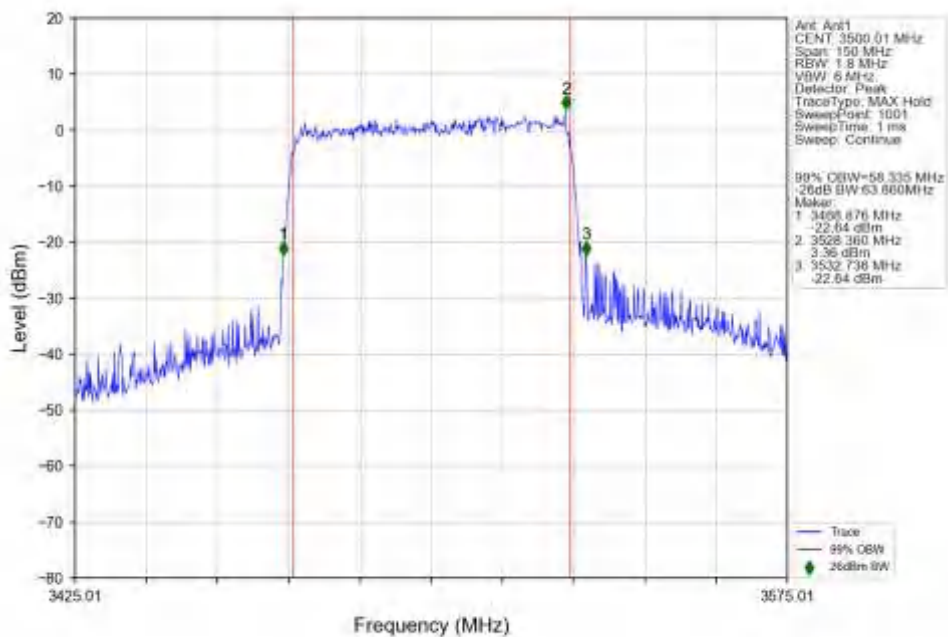
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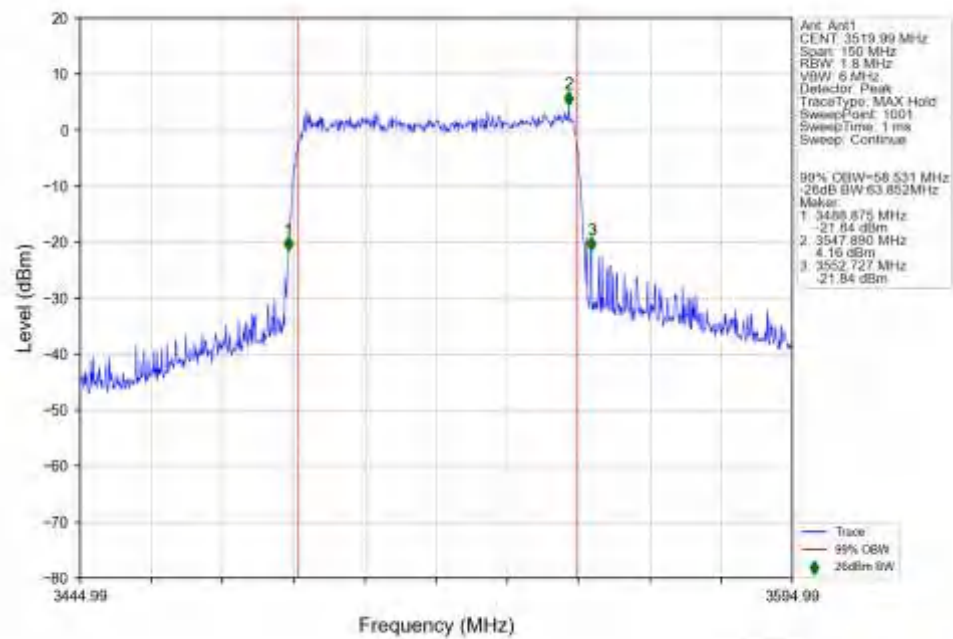
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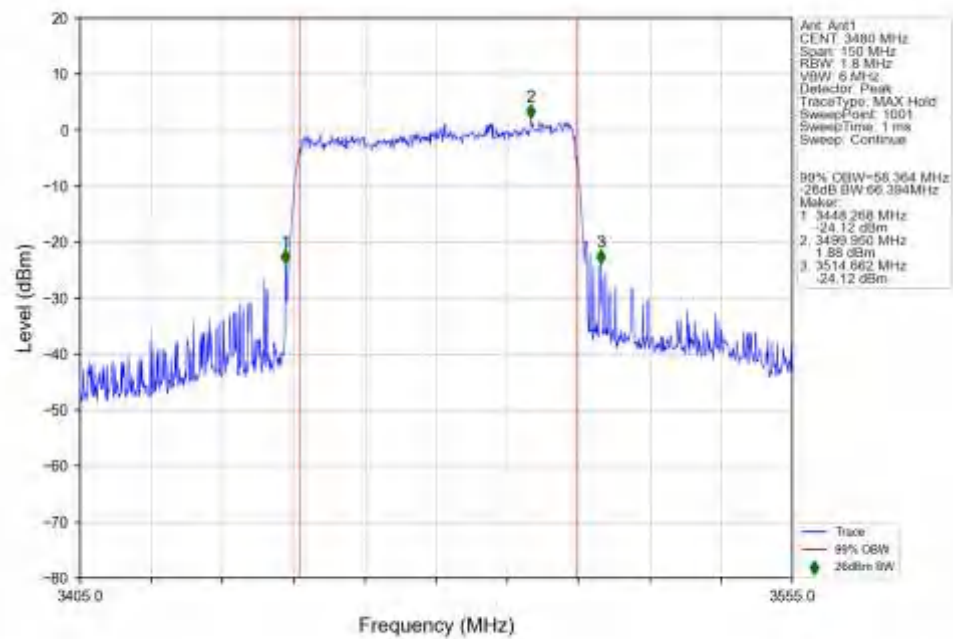
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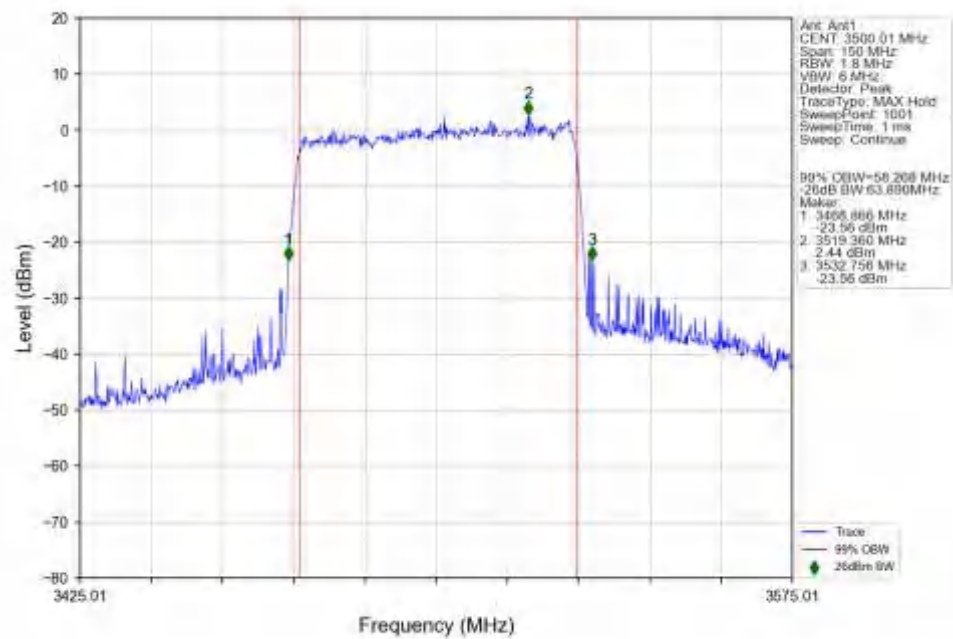
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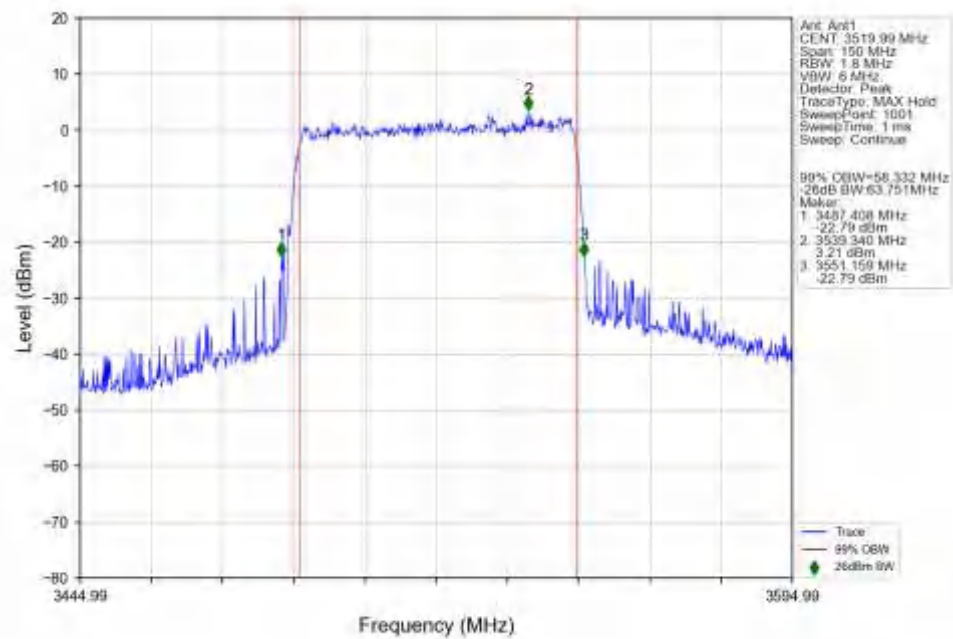
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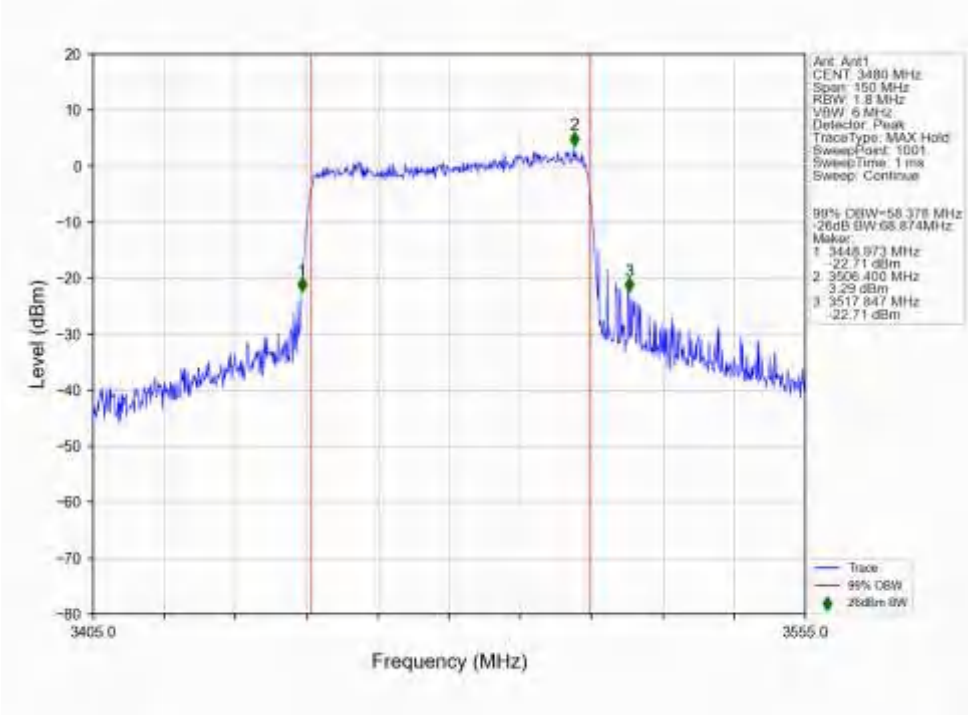
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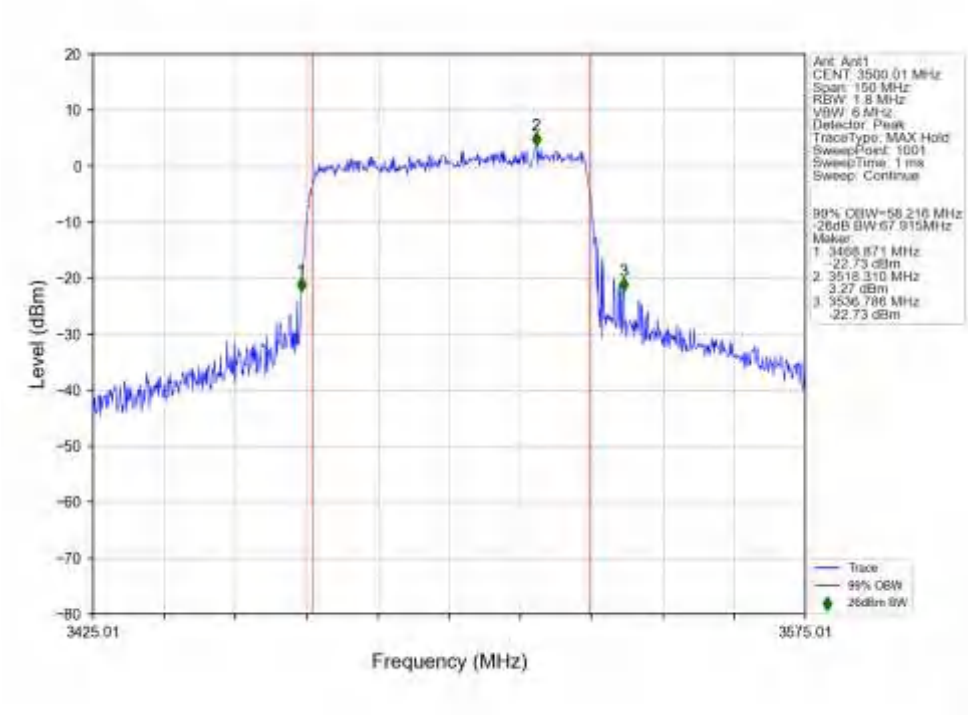
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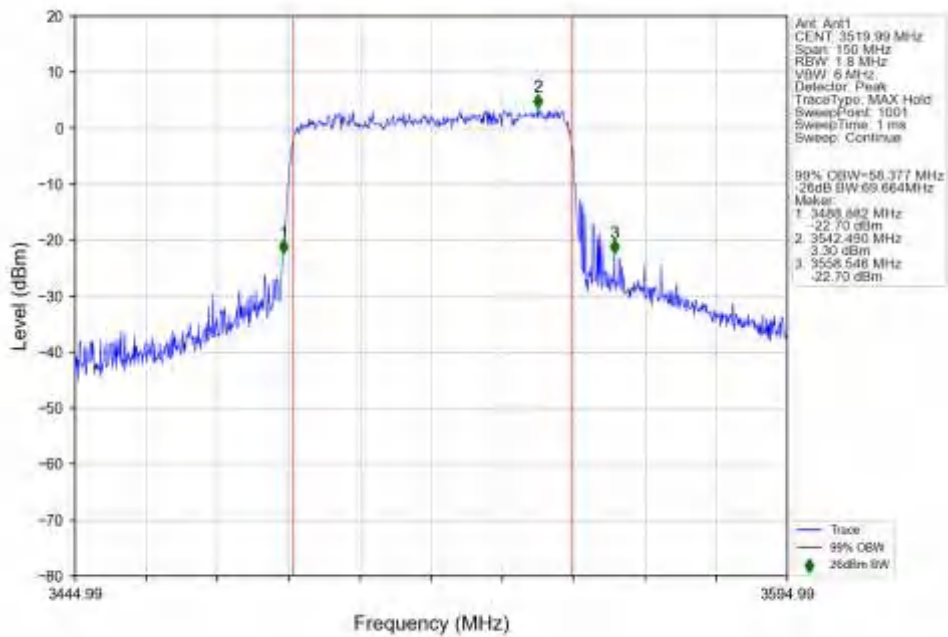
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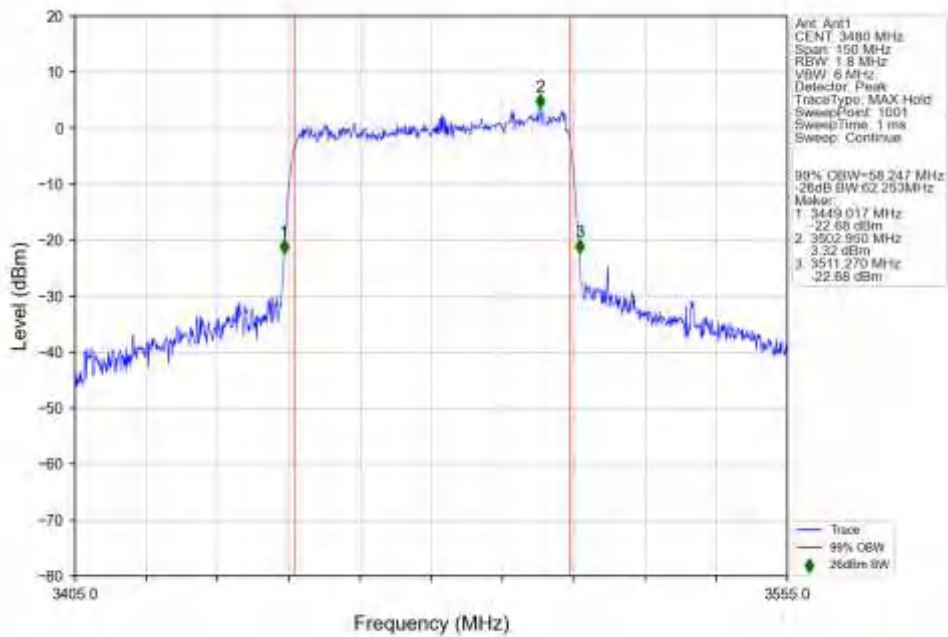
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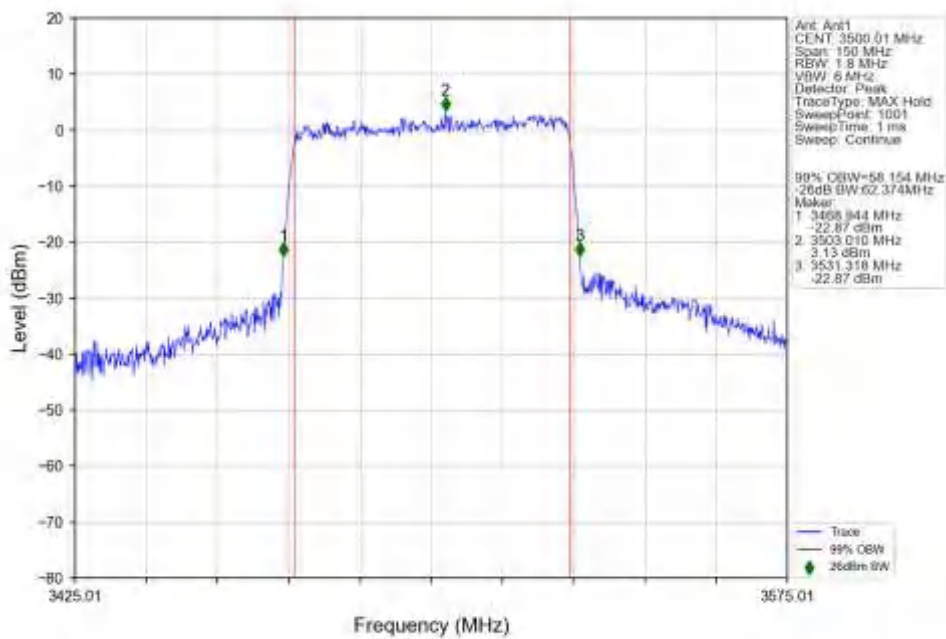
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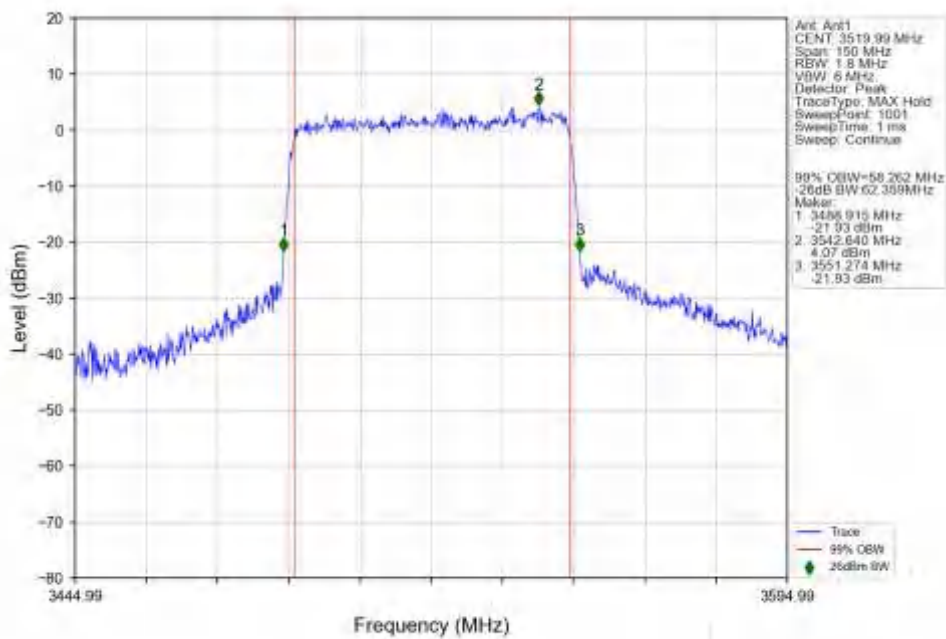
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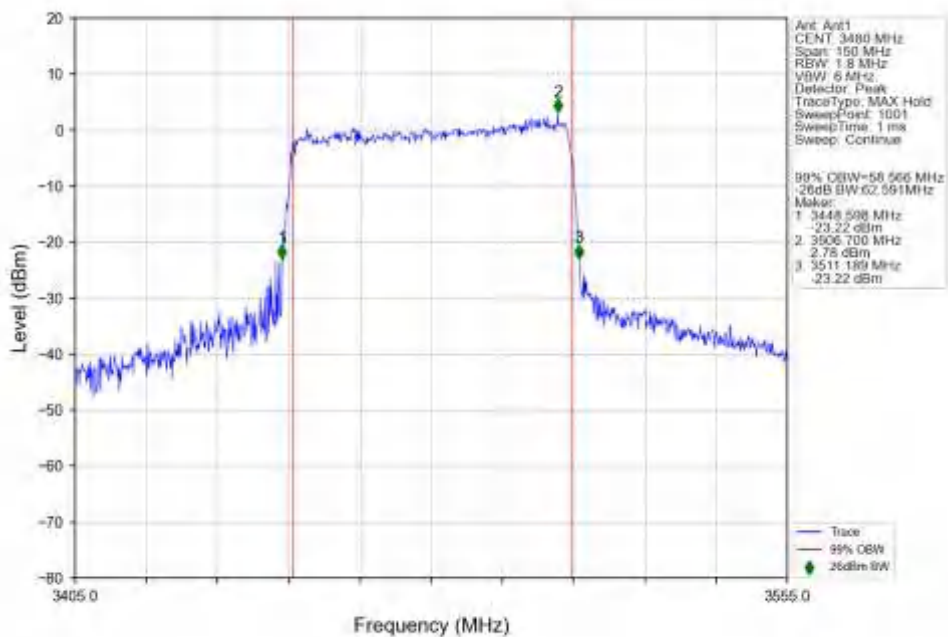
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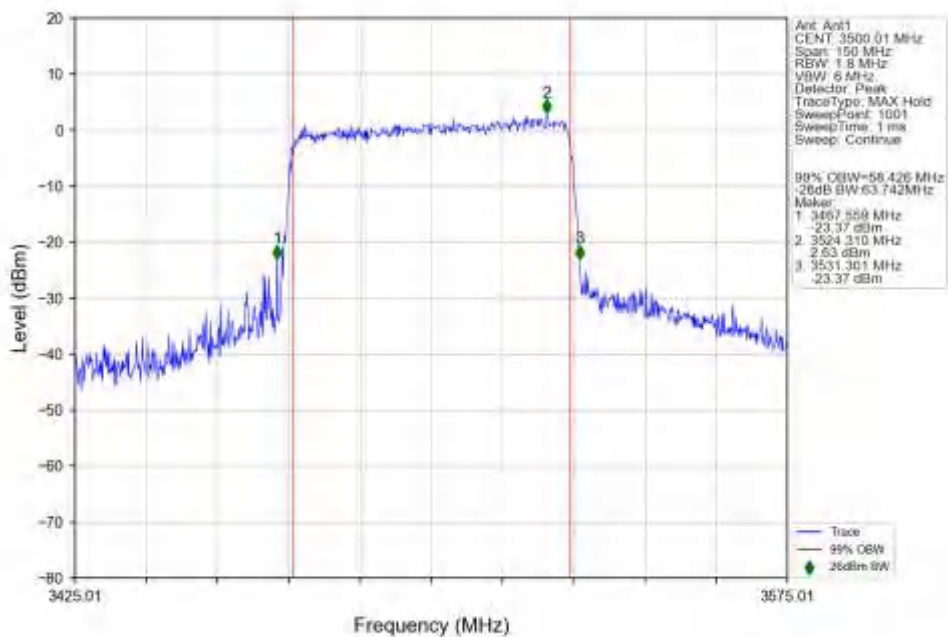
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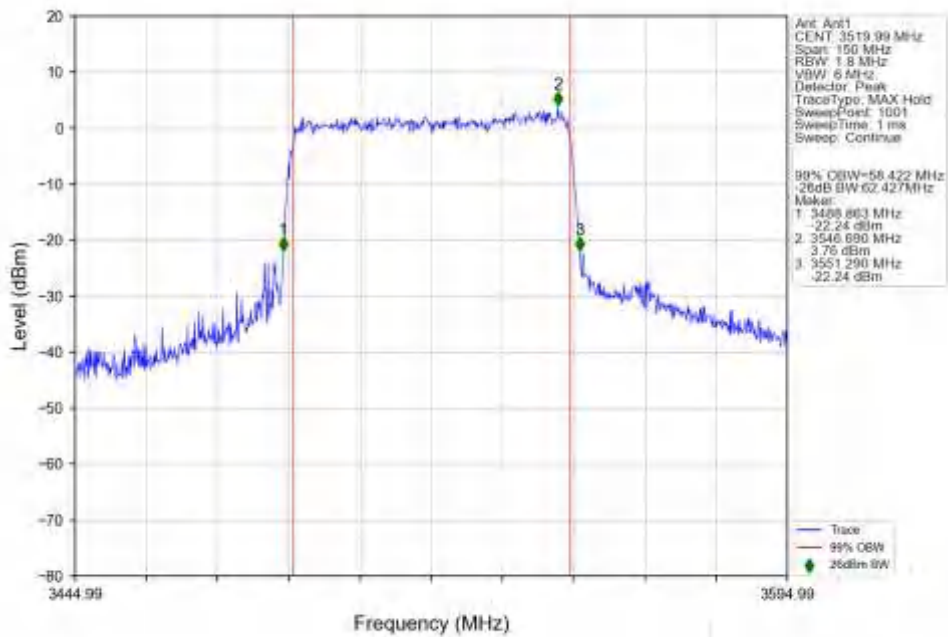
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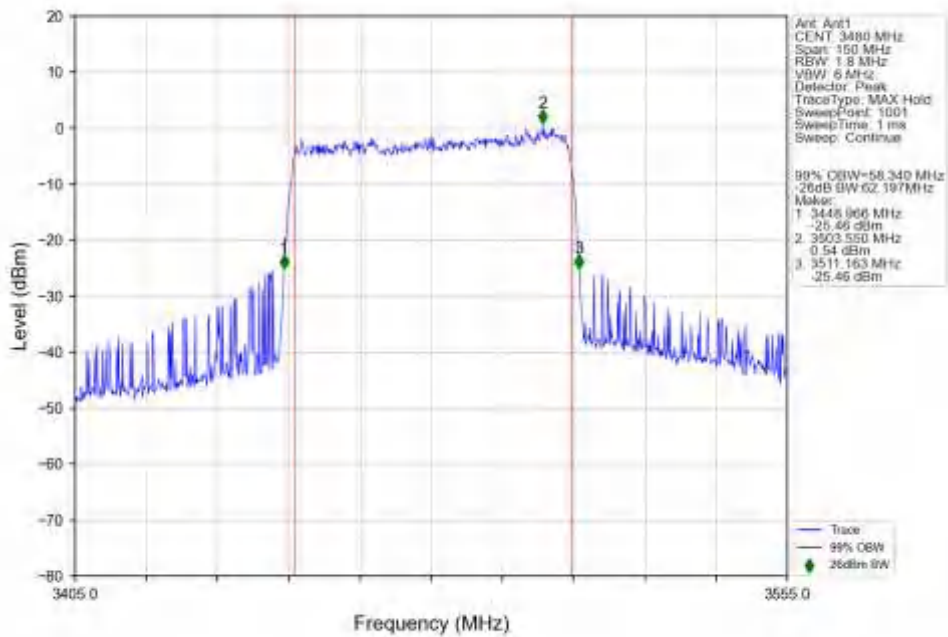
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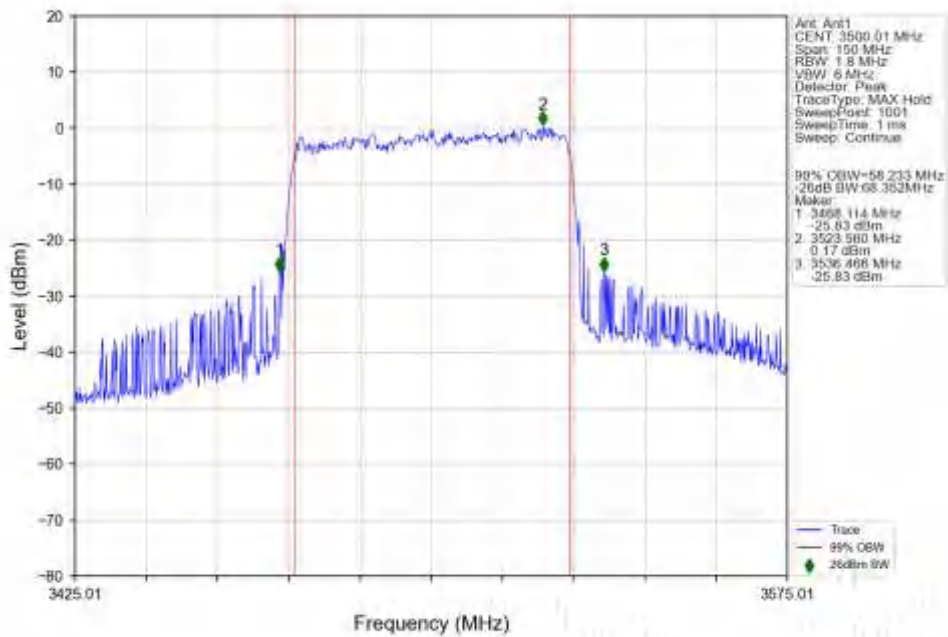
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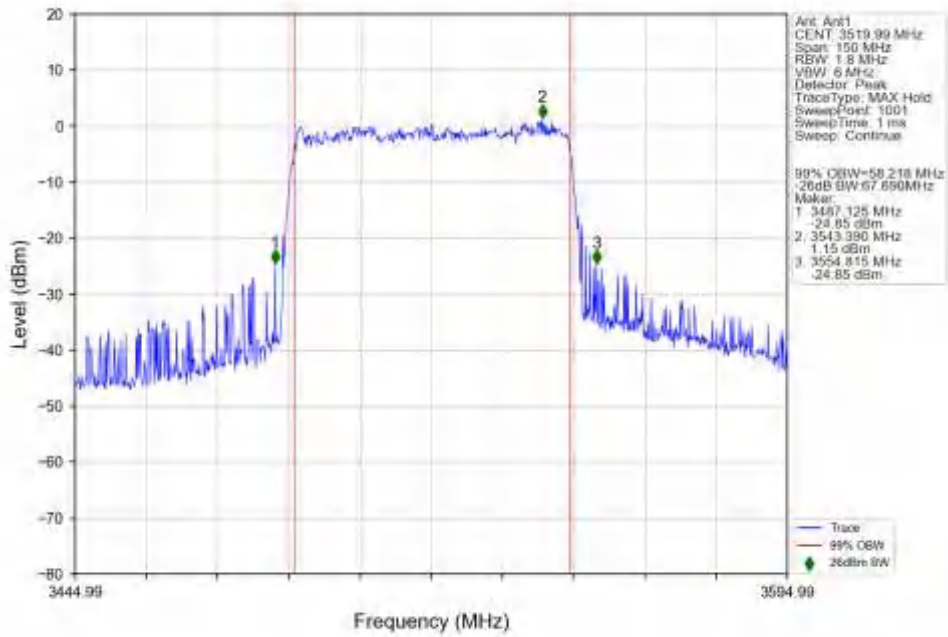
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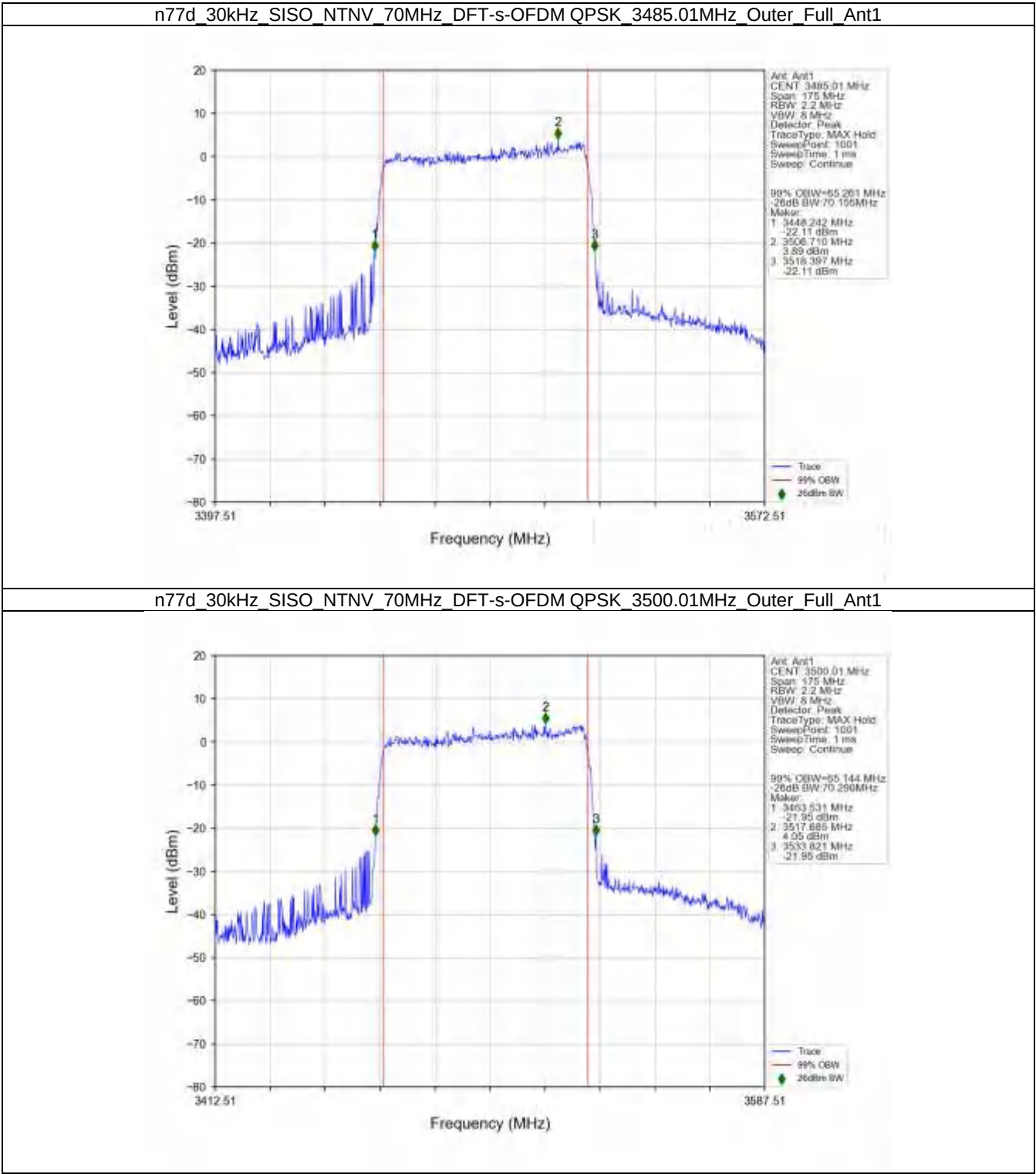
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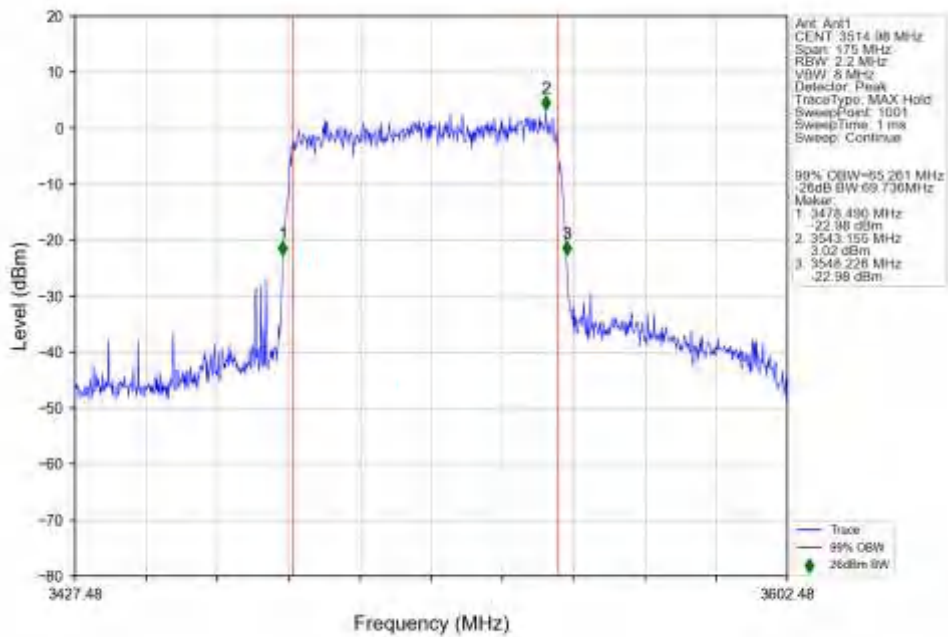
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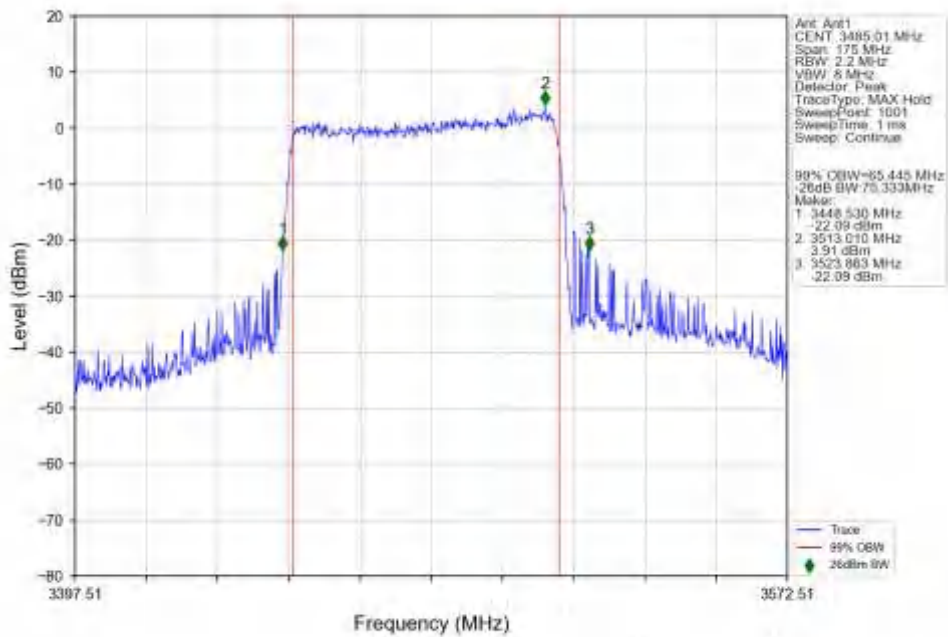
4.2.16 30k_SISO_70MHz_NTNV



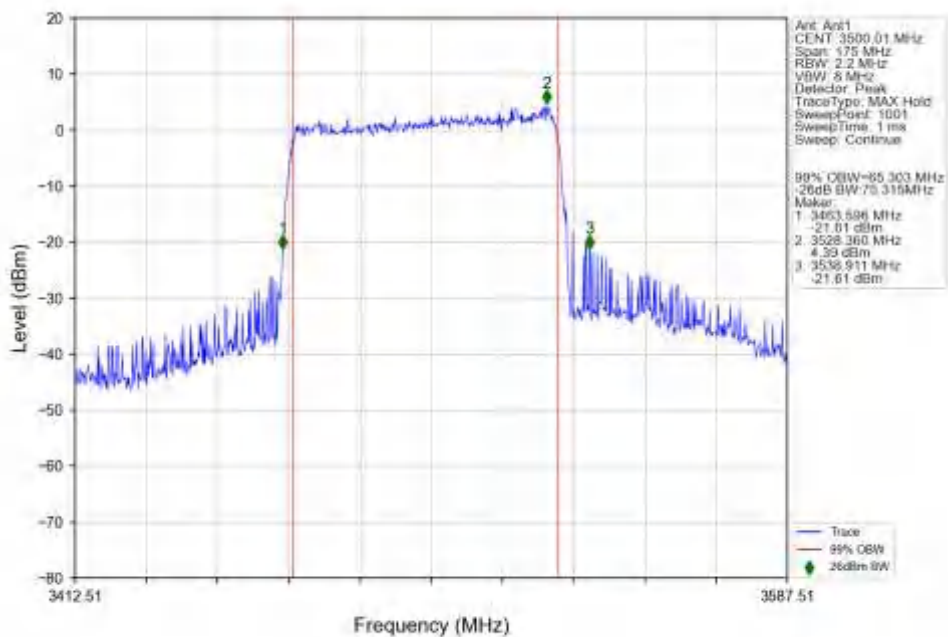
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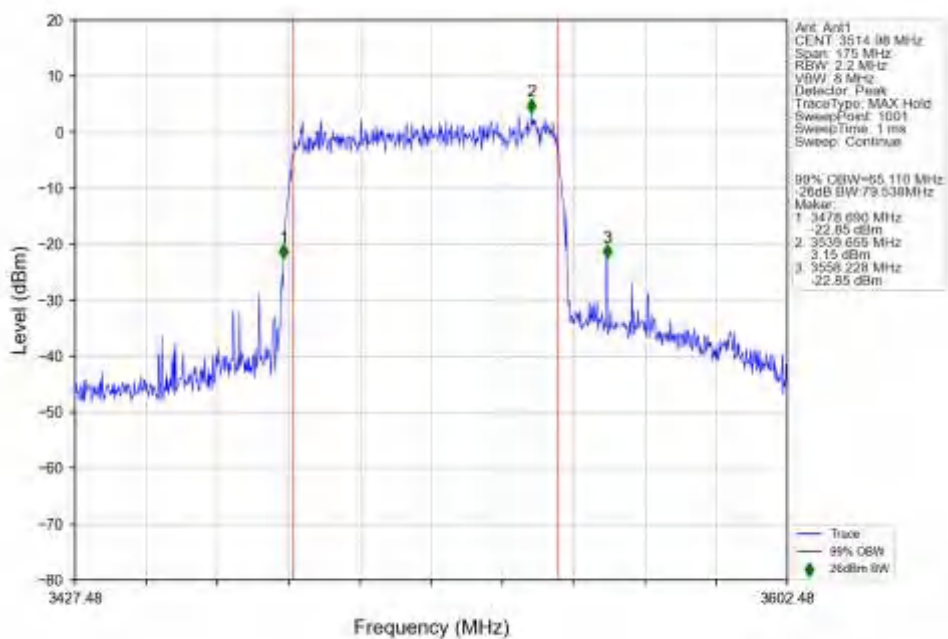
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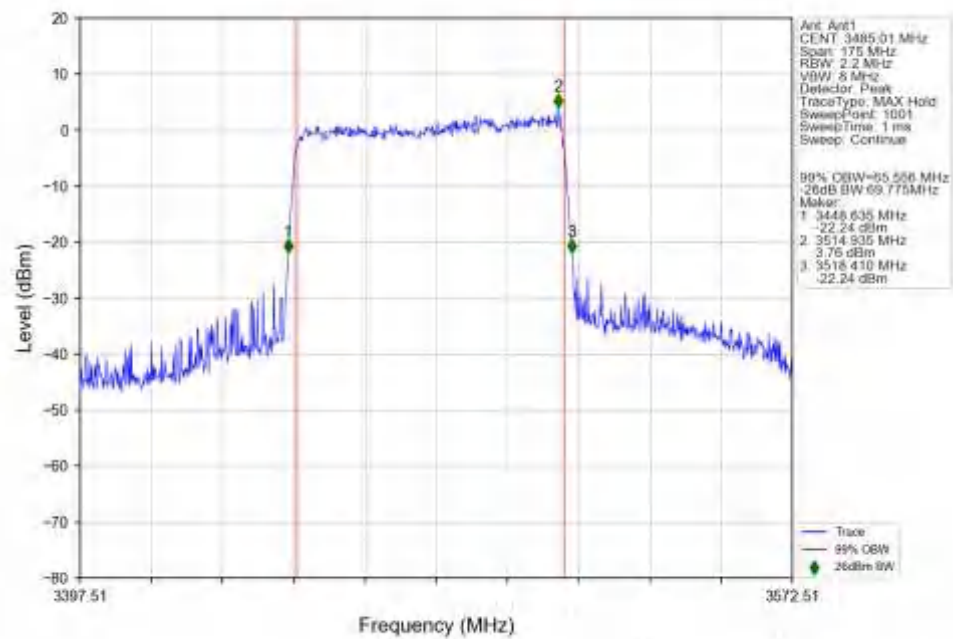
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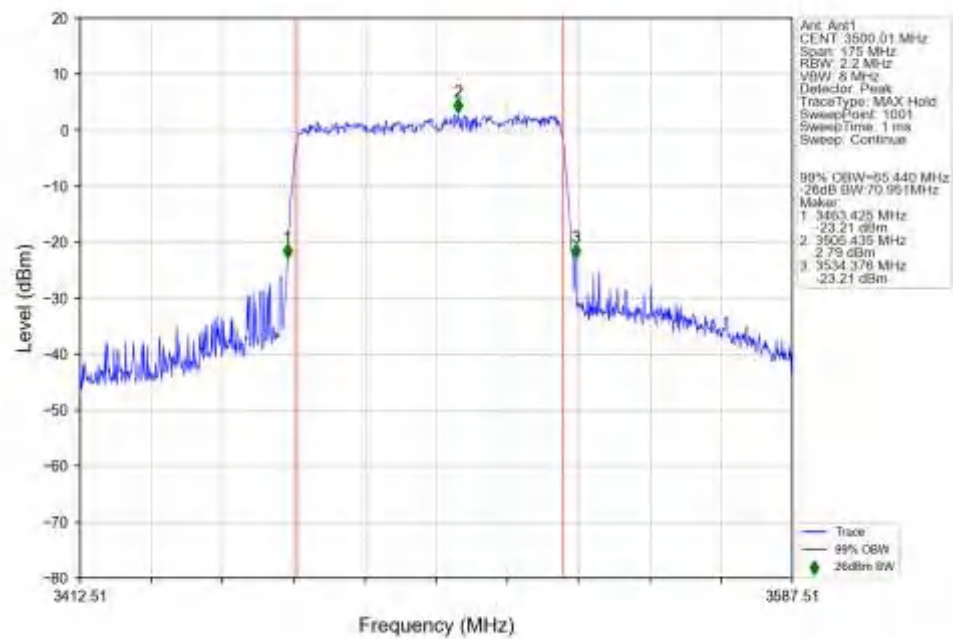
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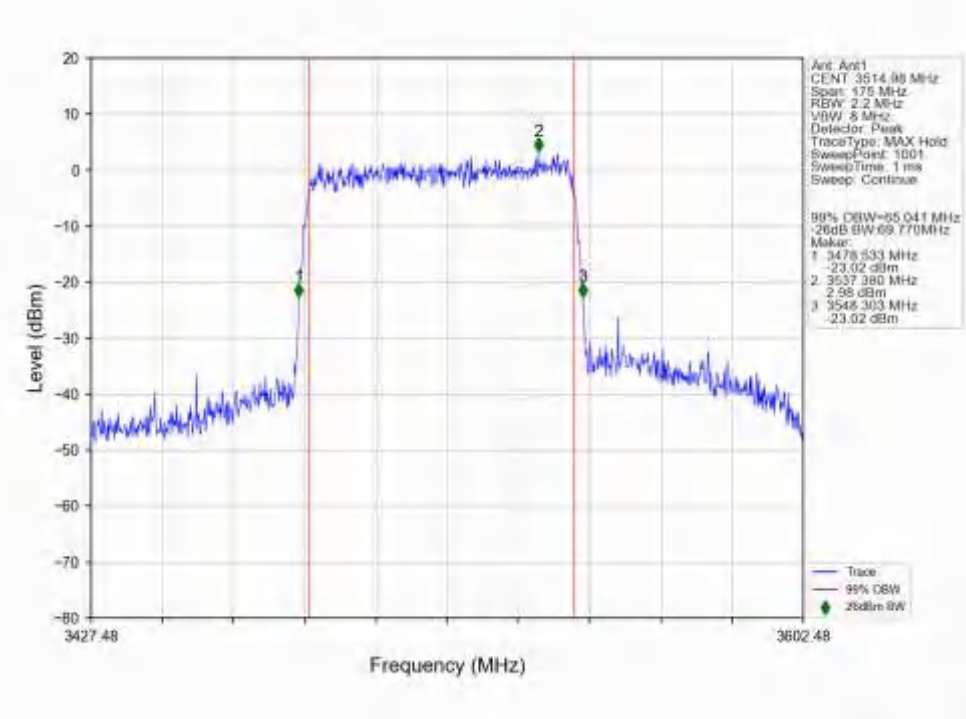
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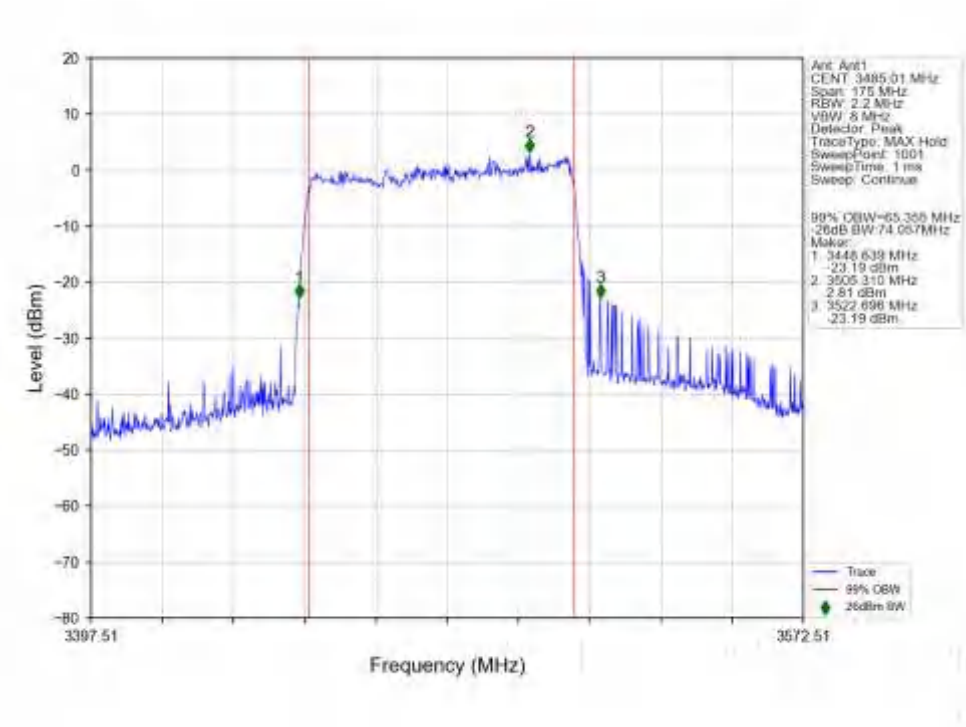
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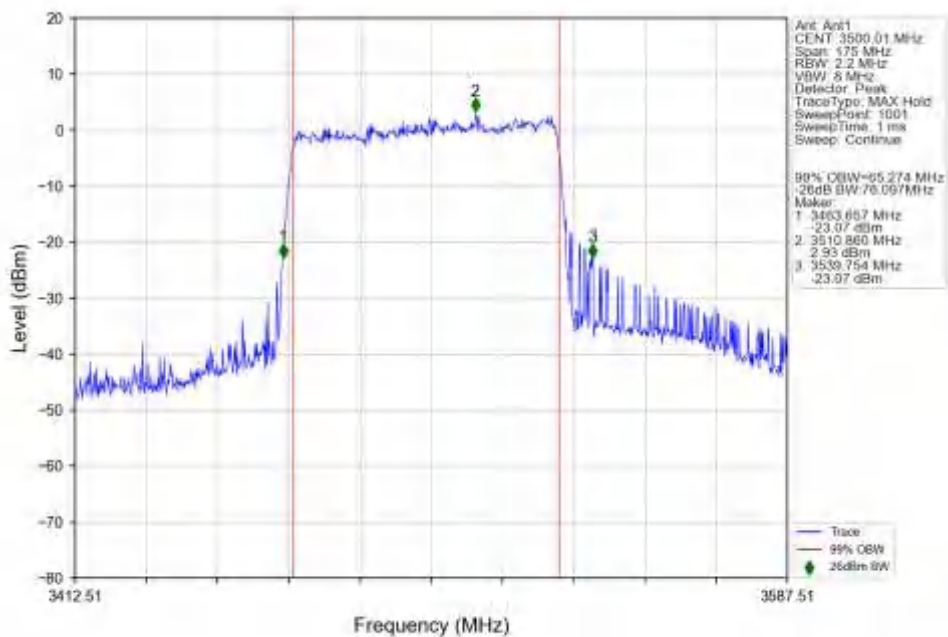
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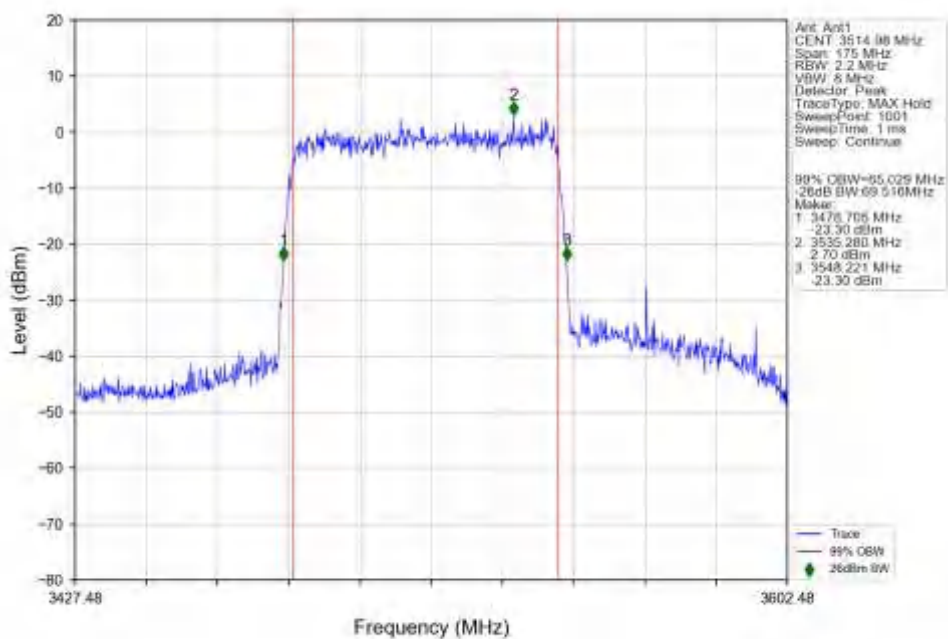
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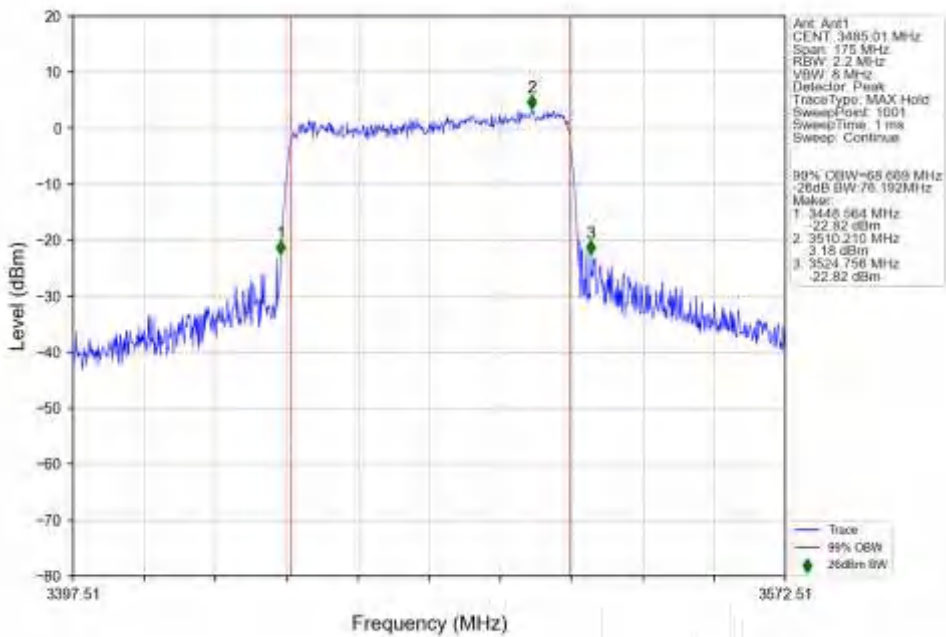
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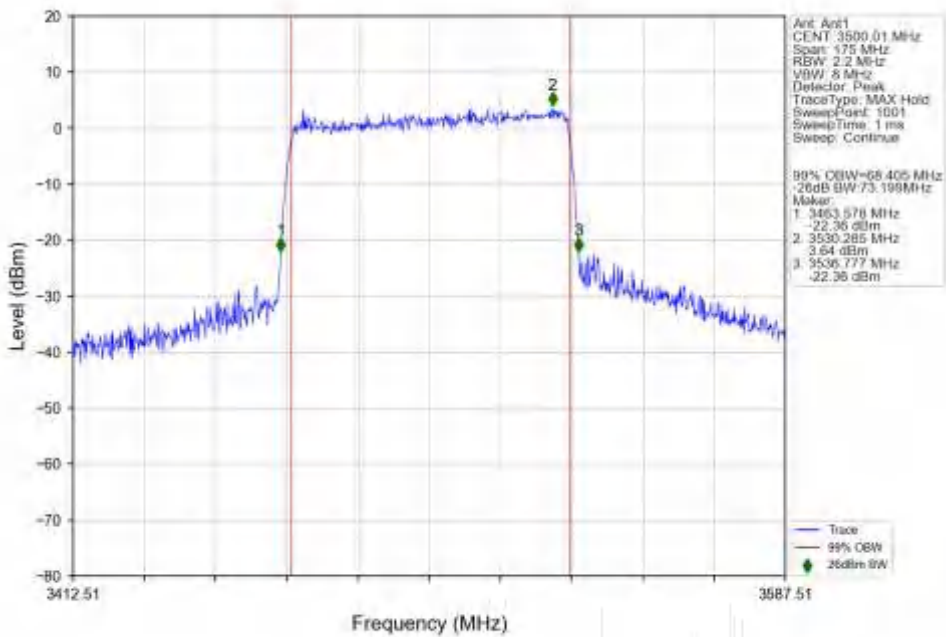
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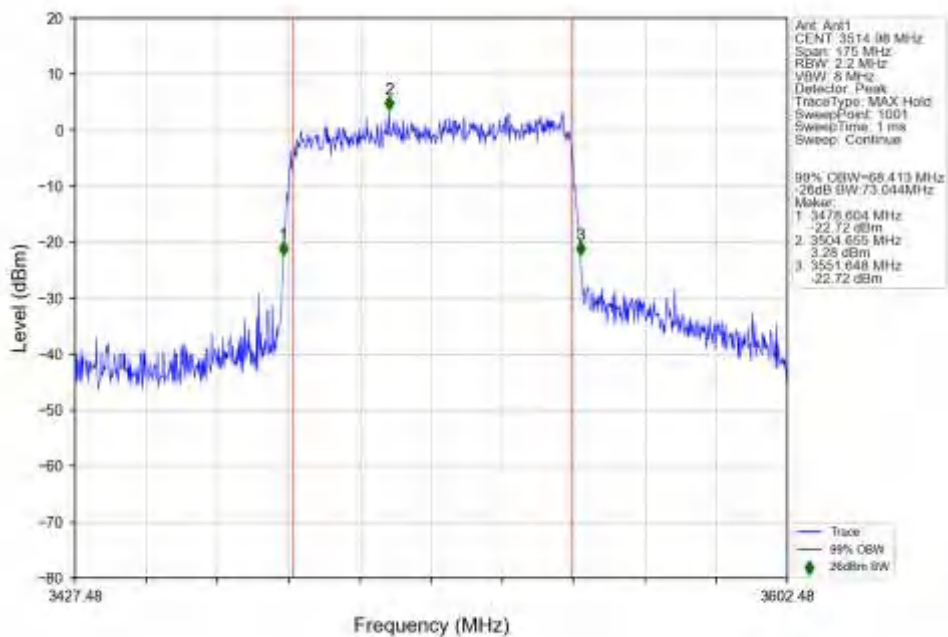
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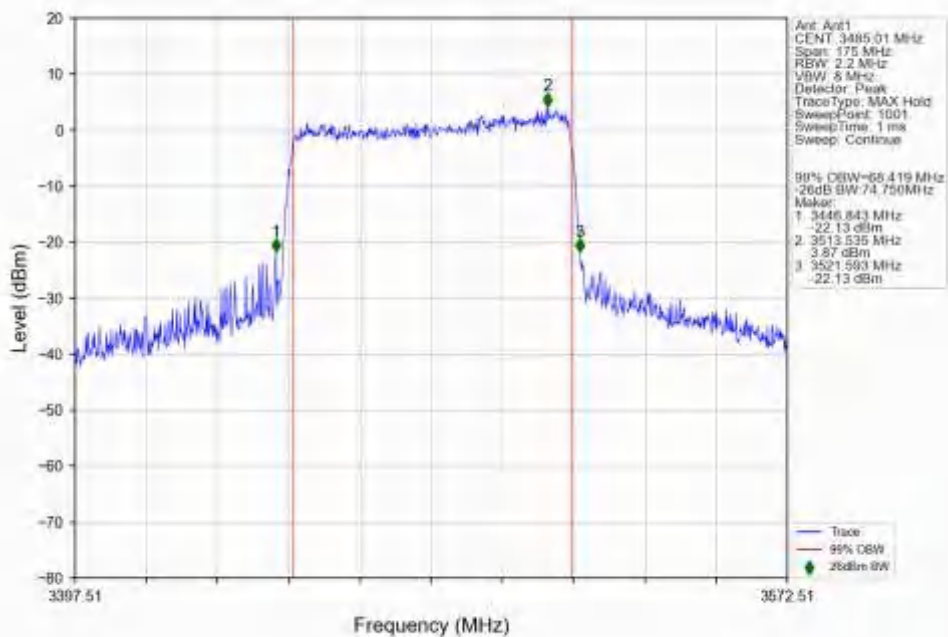
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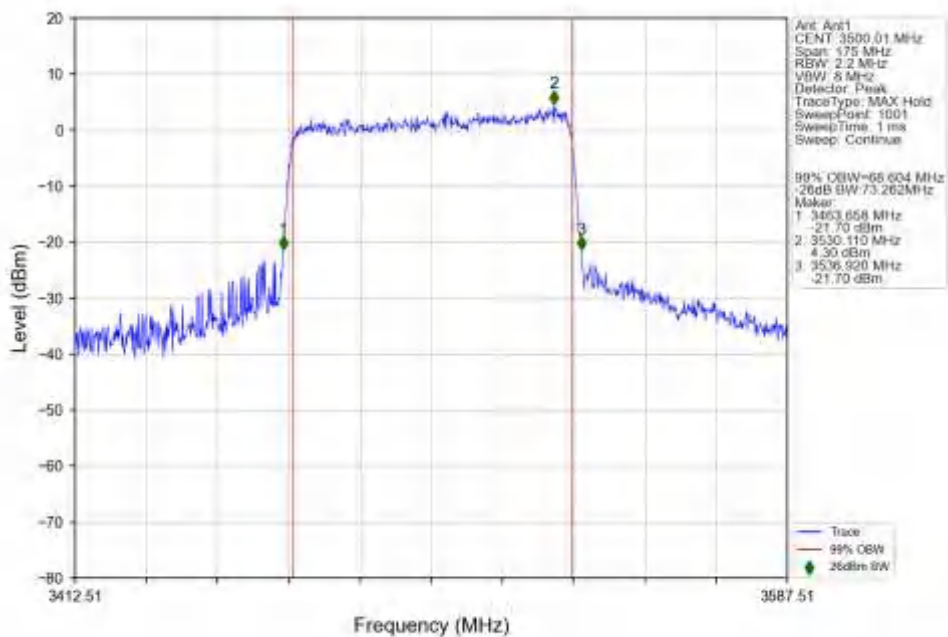
n77d 30kHz SISO NTN 70MHz CP-OFDM QPSK 3514.98MHz Outer Full Ant1



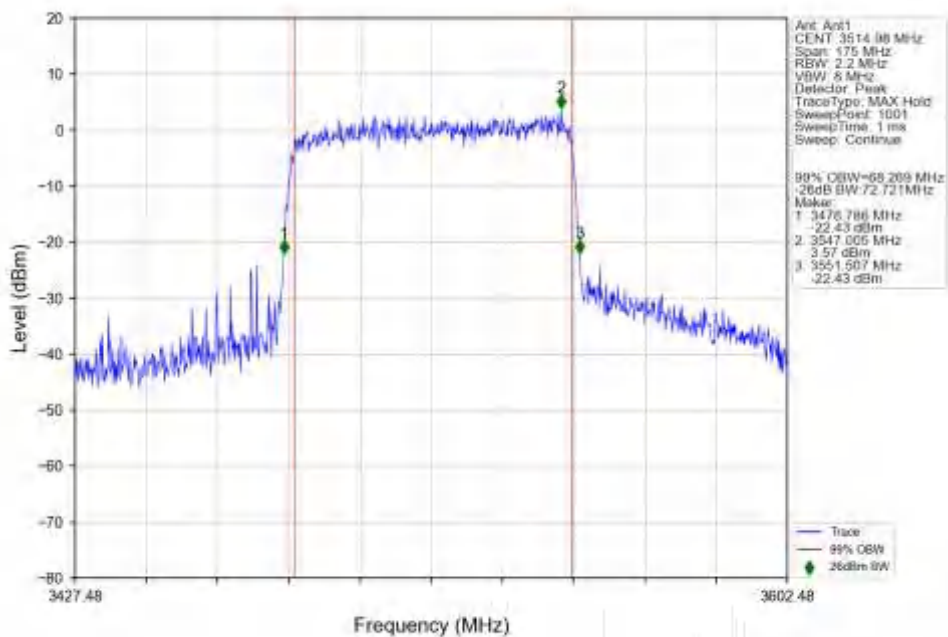
n77d 30kHz SISO NTN 70MHz CP-OFDM 16 QAM 3485.01MHz Outer Full Ant1



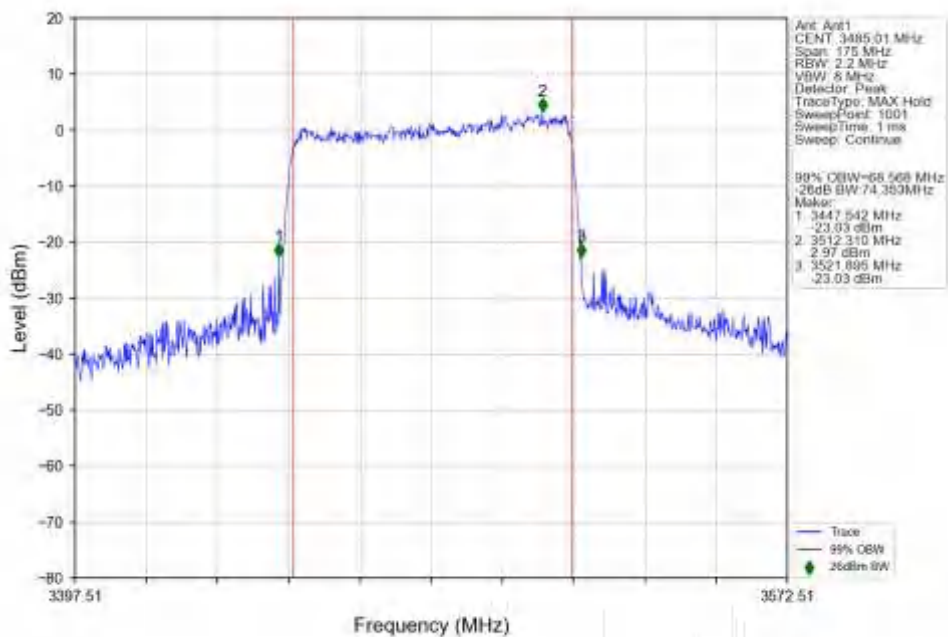
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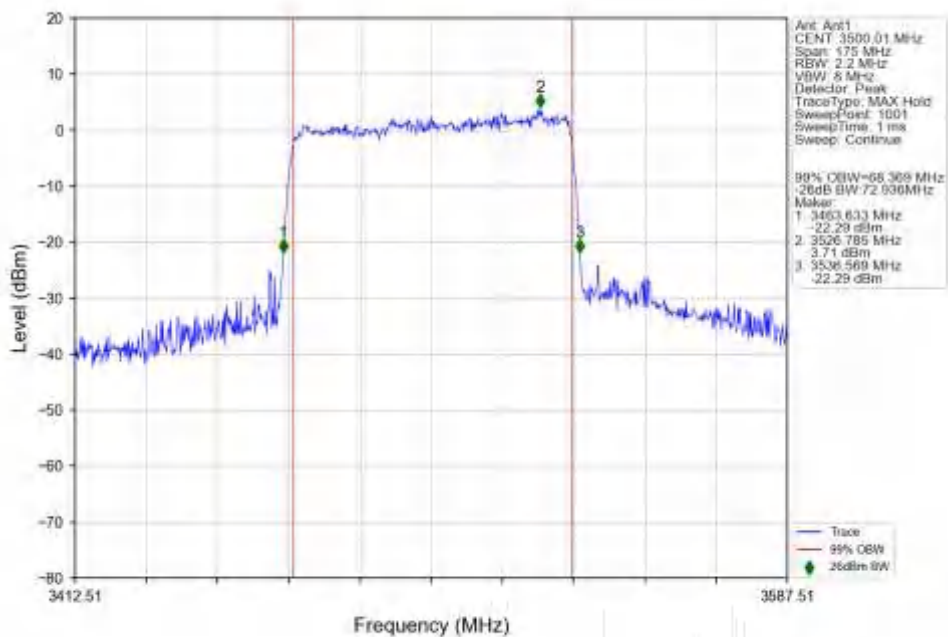
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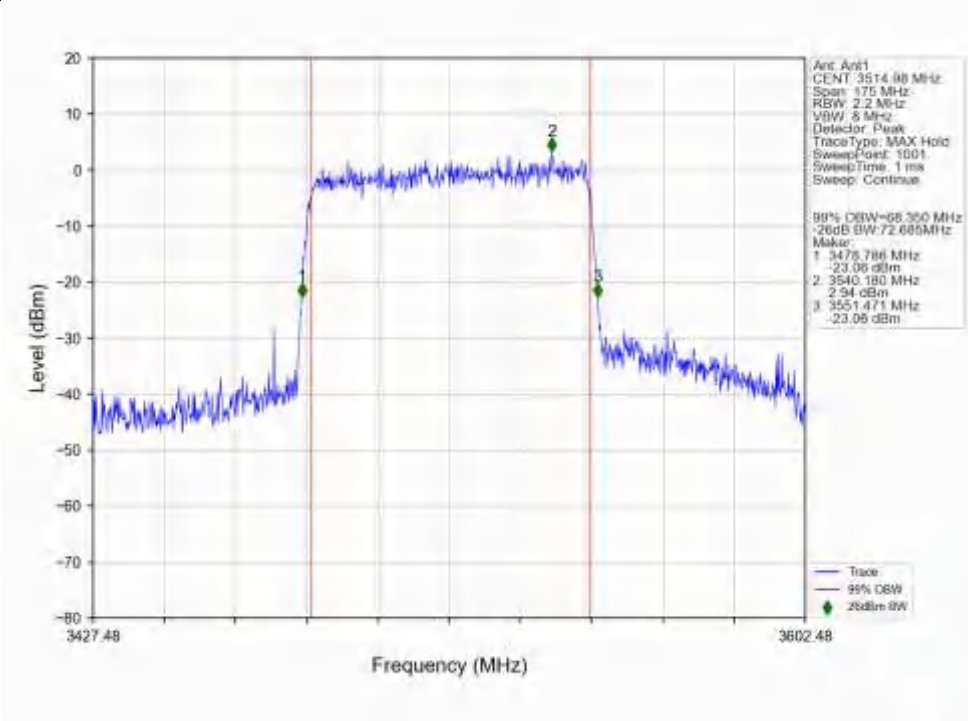
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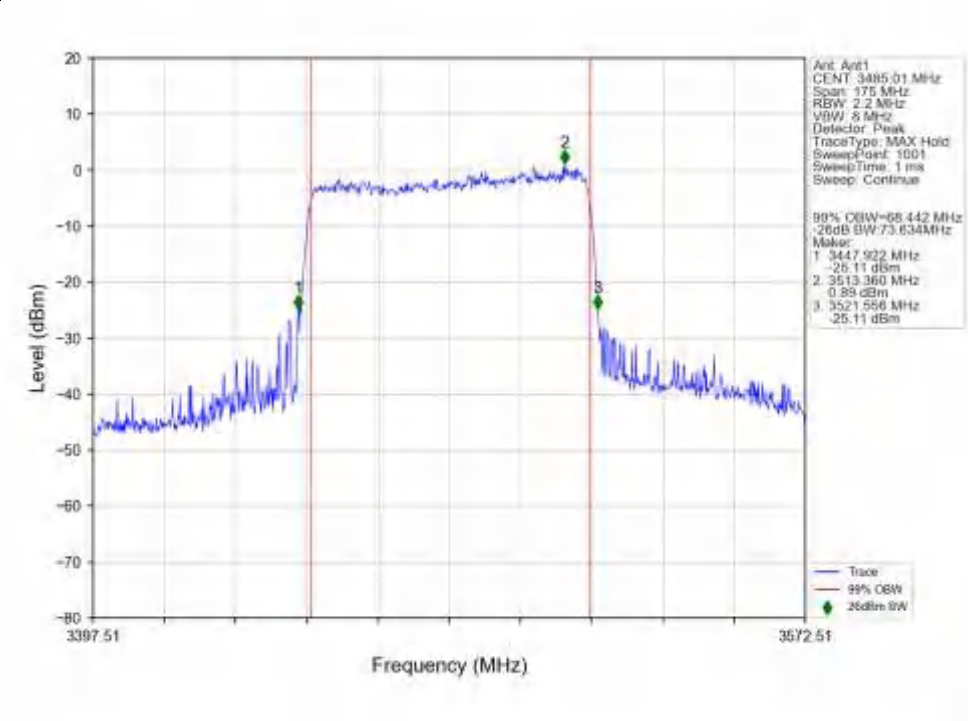
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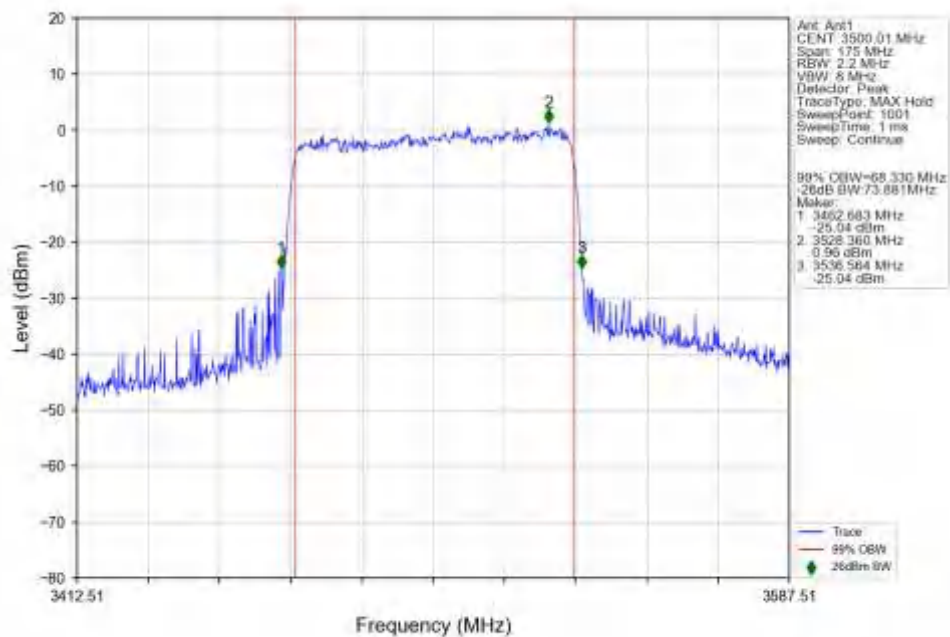
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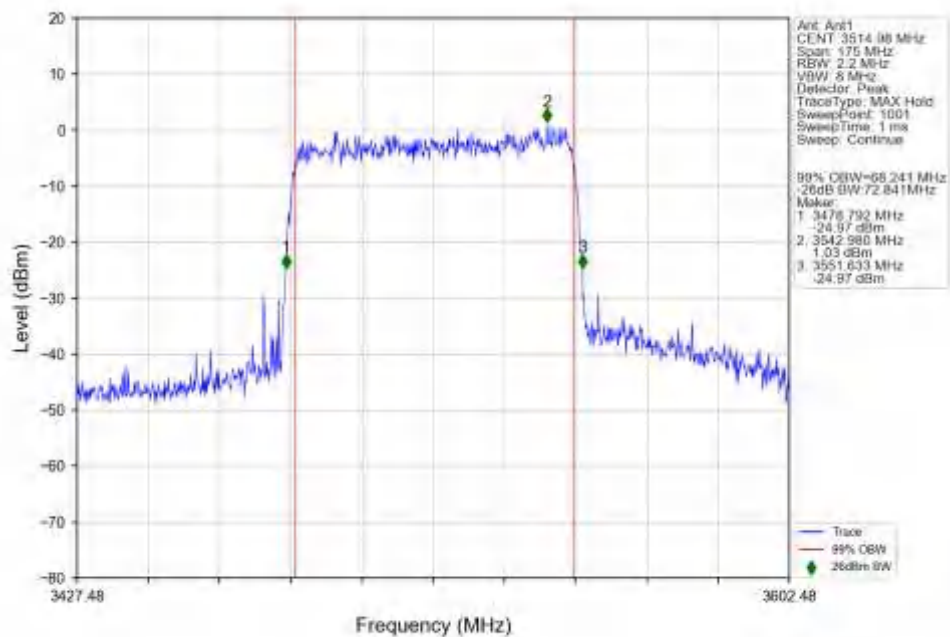
n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3485.01MHz_Outer_Full_Ant1



n77d 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

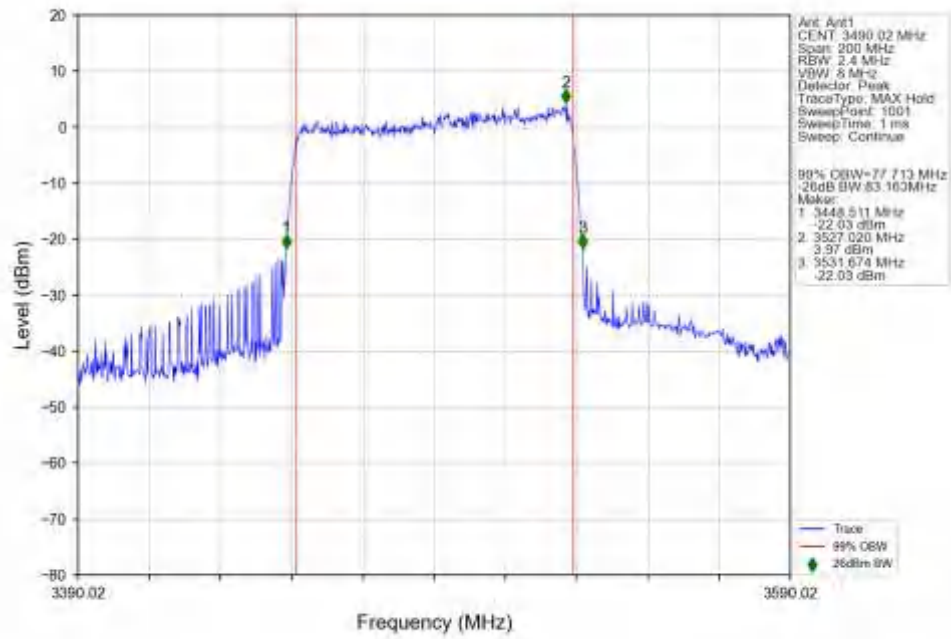


n77d 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3514.98MHz Outer Full Ant1

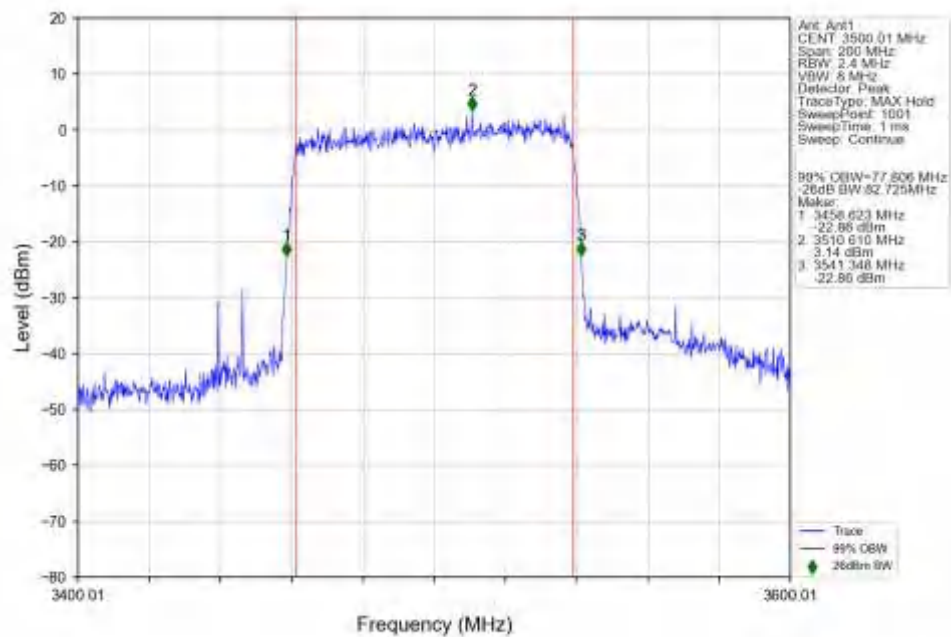


4.2.17 30k_SISO_80MHz_NTNV

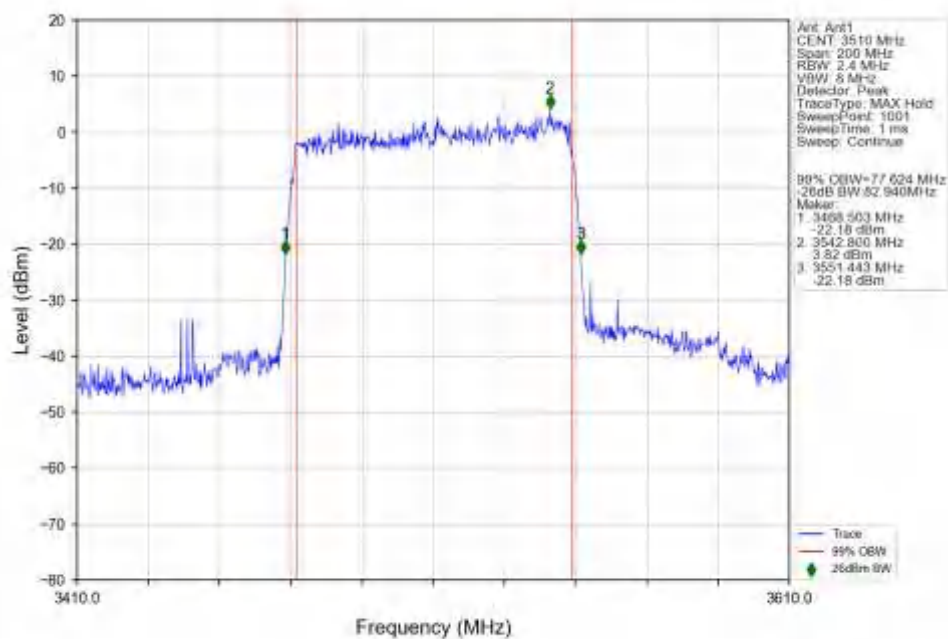
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3490.02MHz_Outer_Full_Ant1



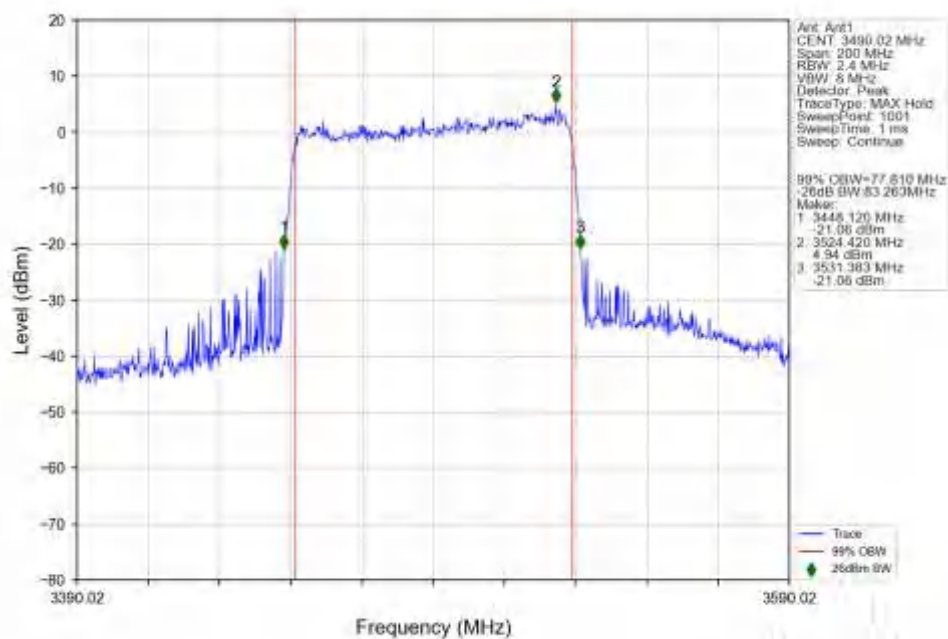
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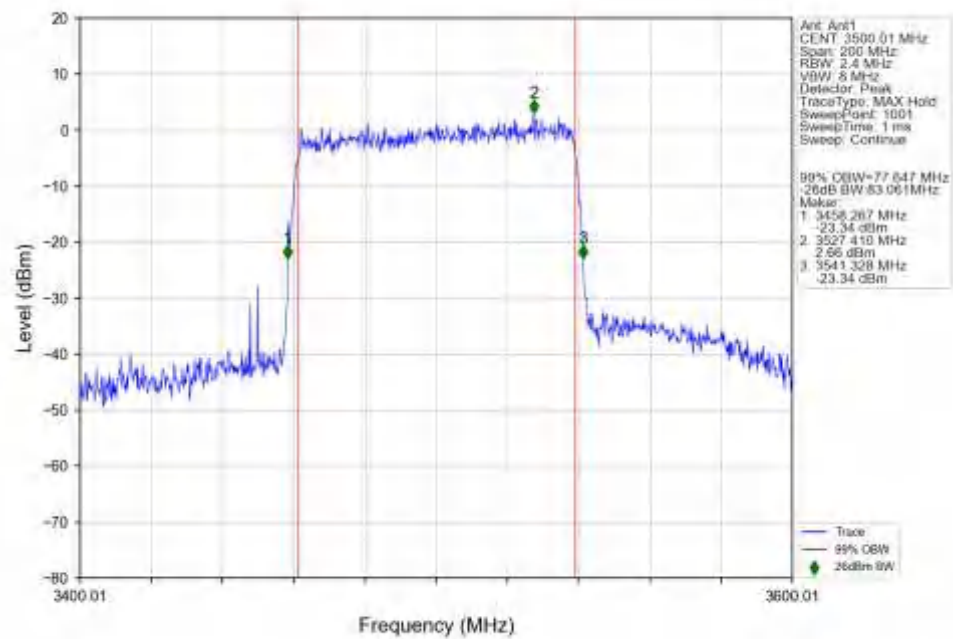
n77d 30kHz SISO_NTNV_80MHz DFT-s-OFDM QPSK 3510MHz_Outer_Full_Ant1



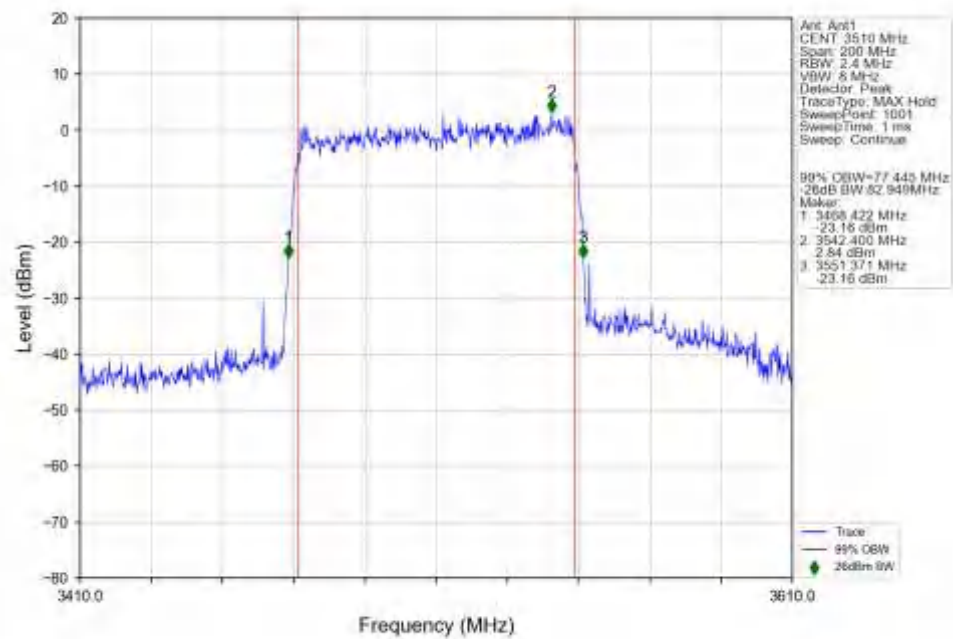
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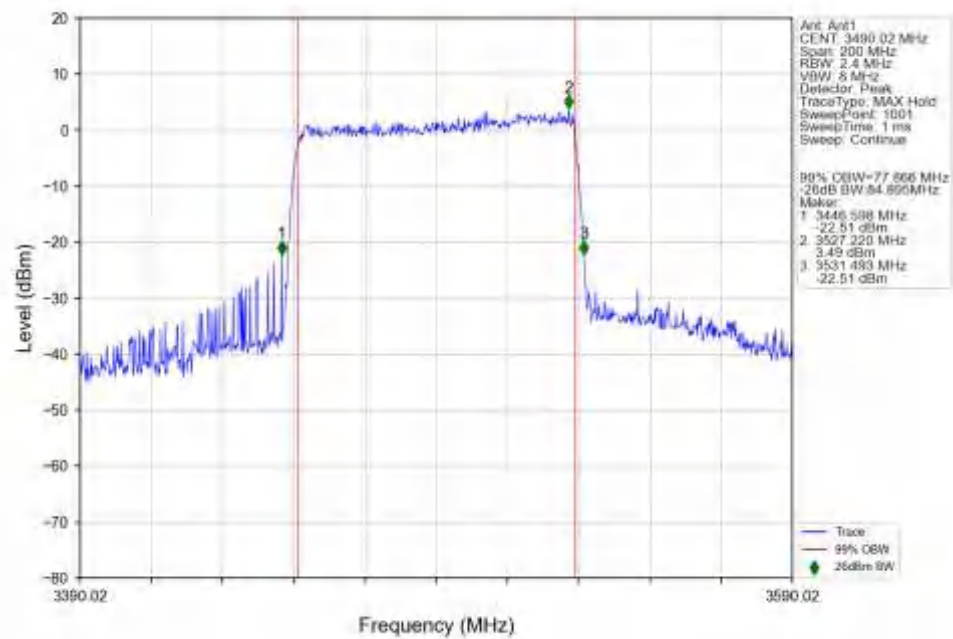
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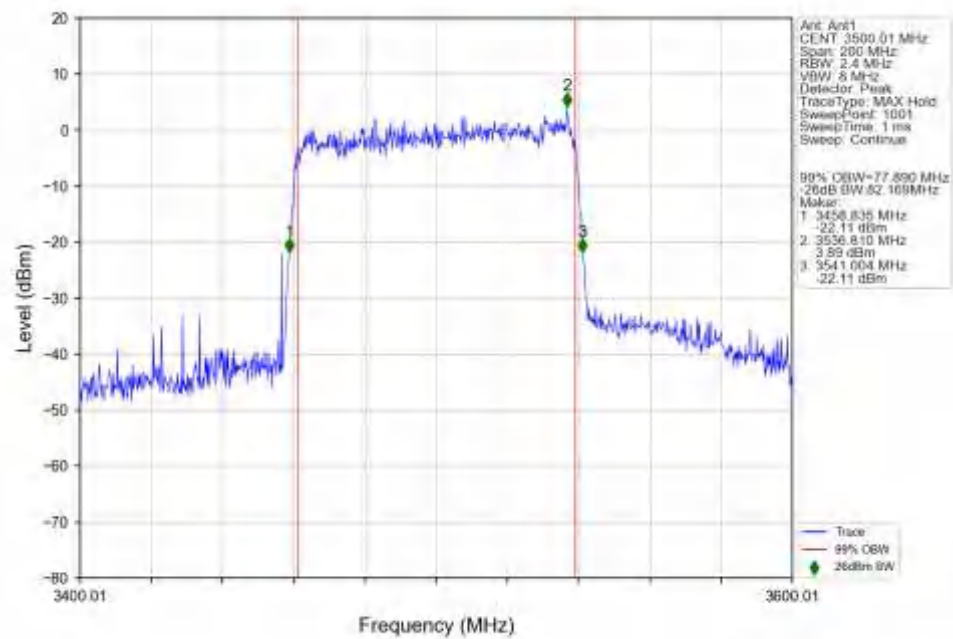
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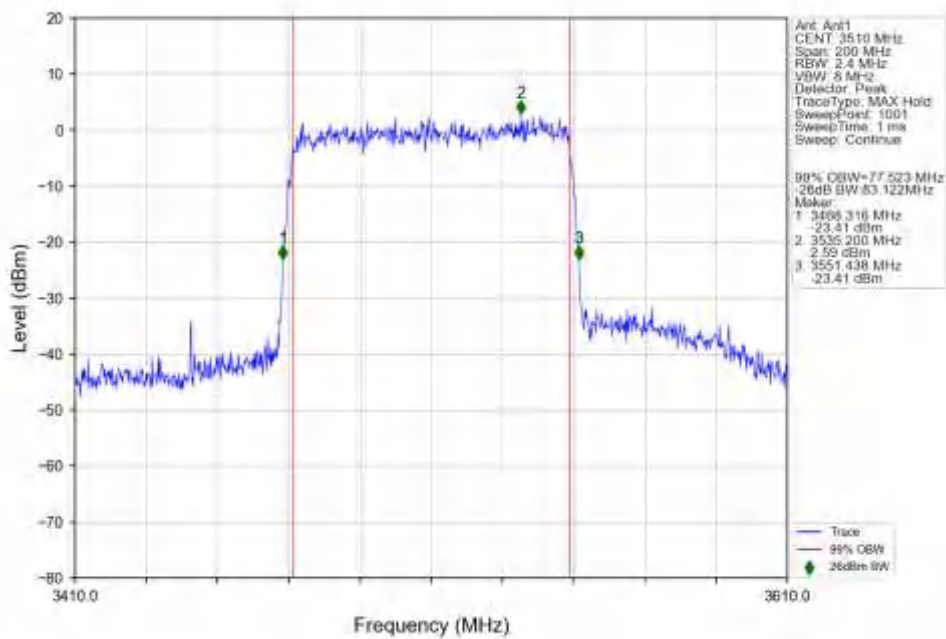
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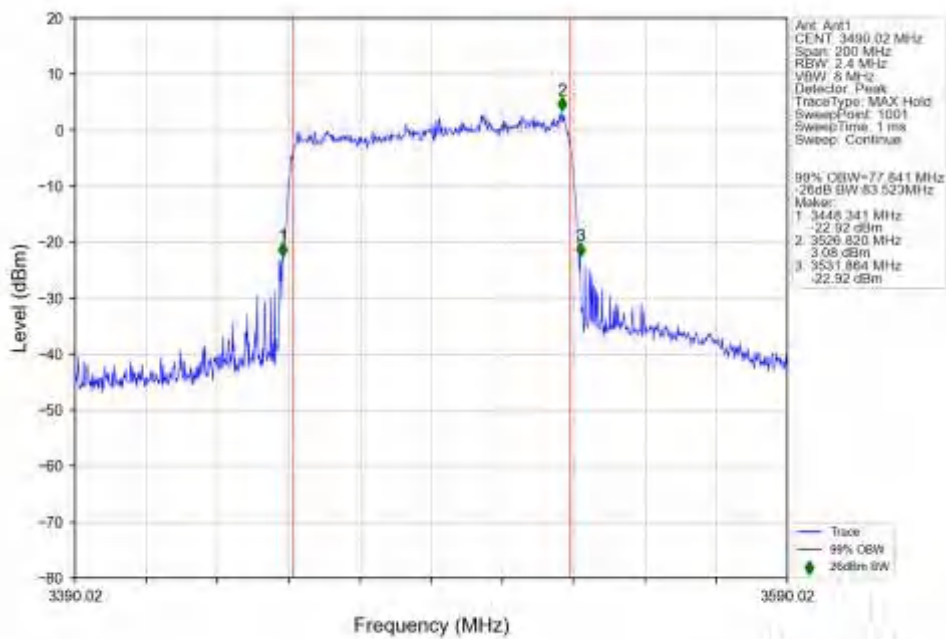
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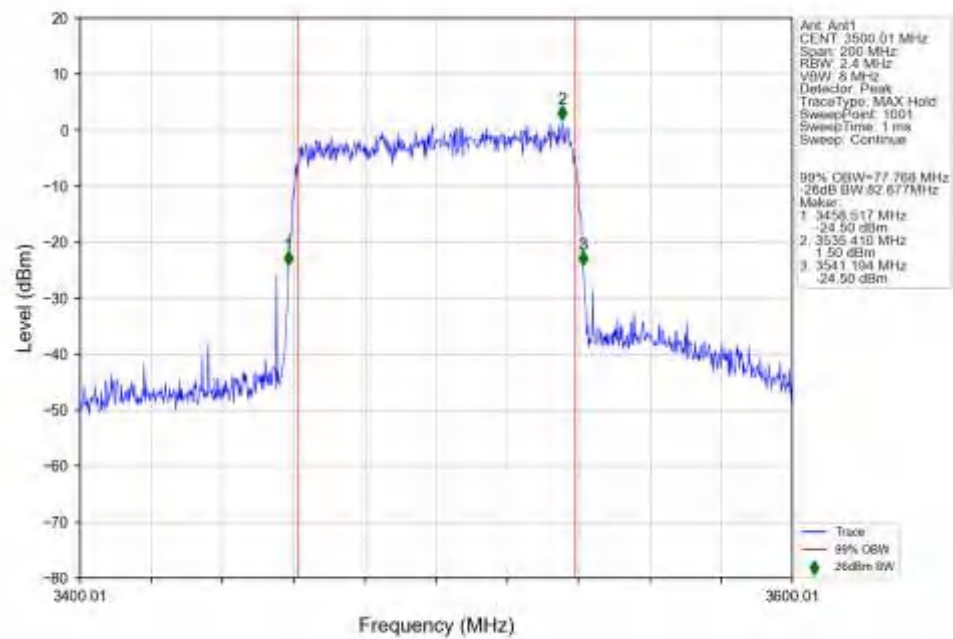
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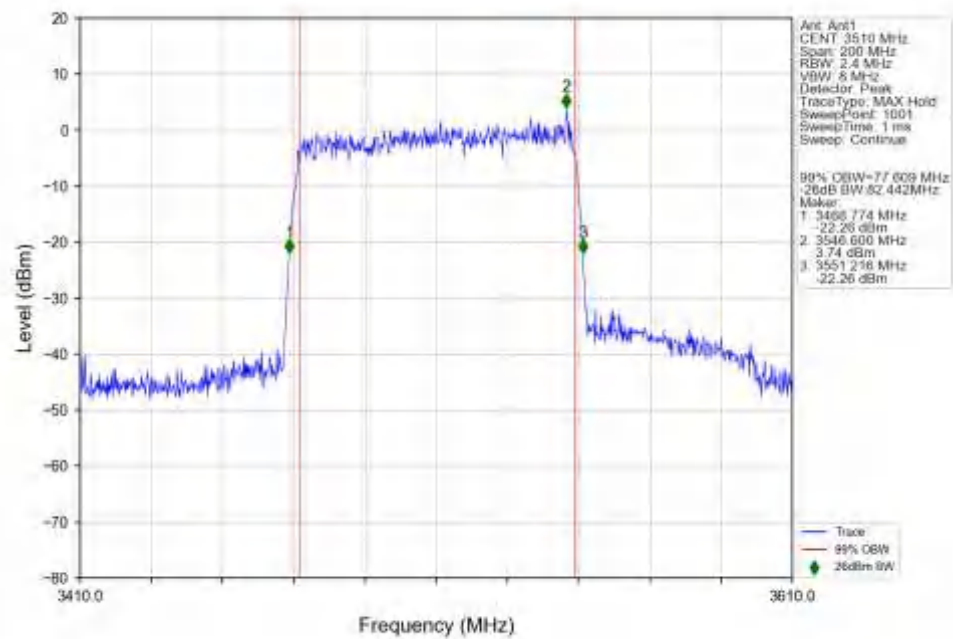
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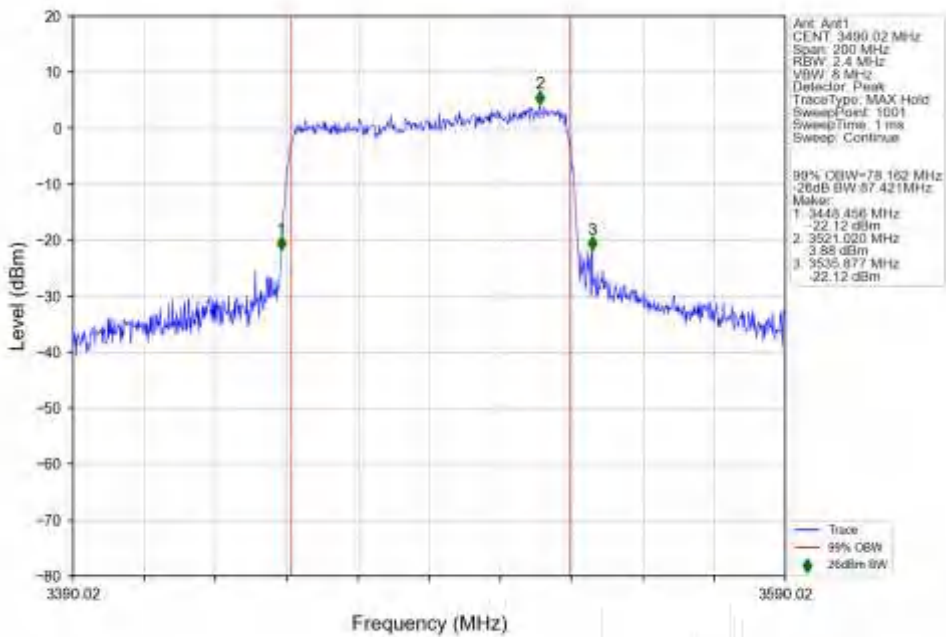
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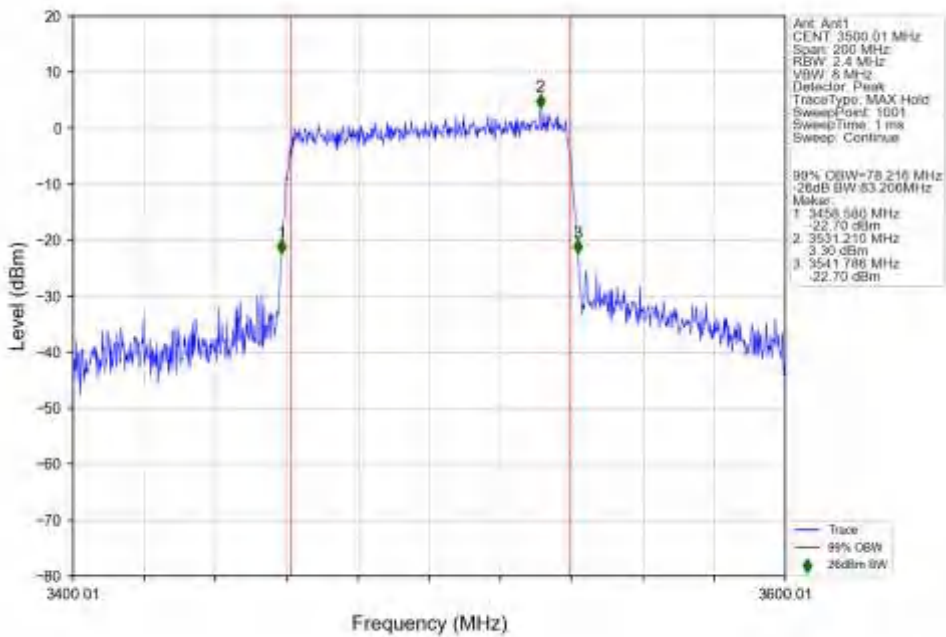
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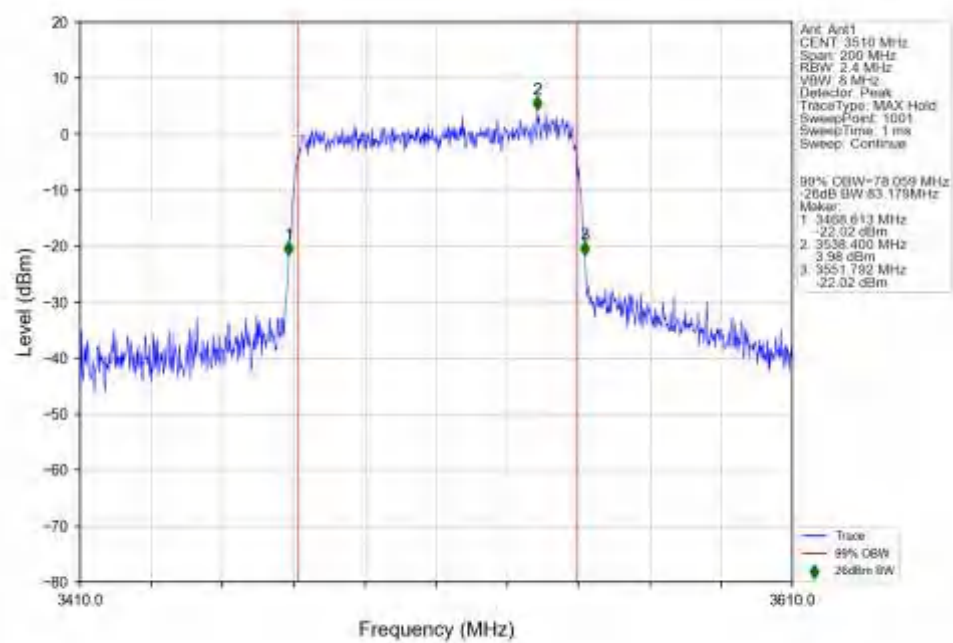
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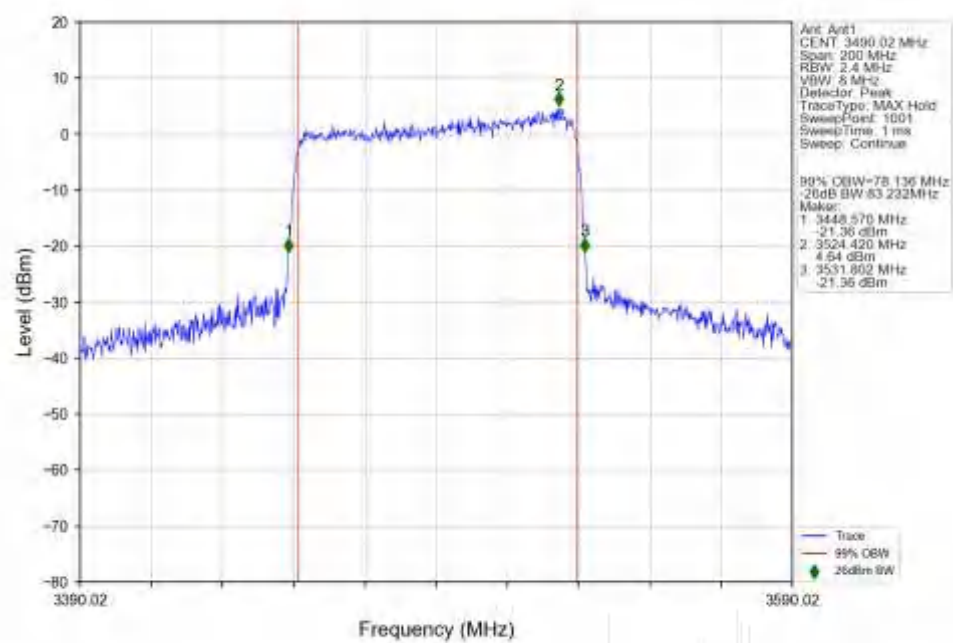
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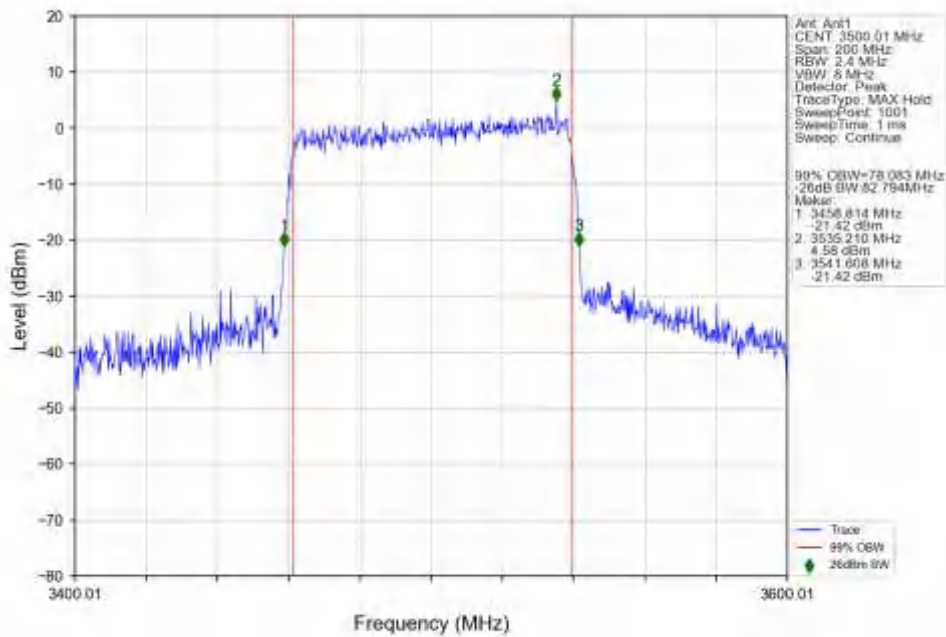
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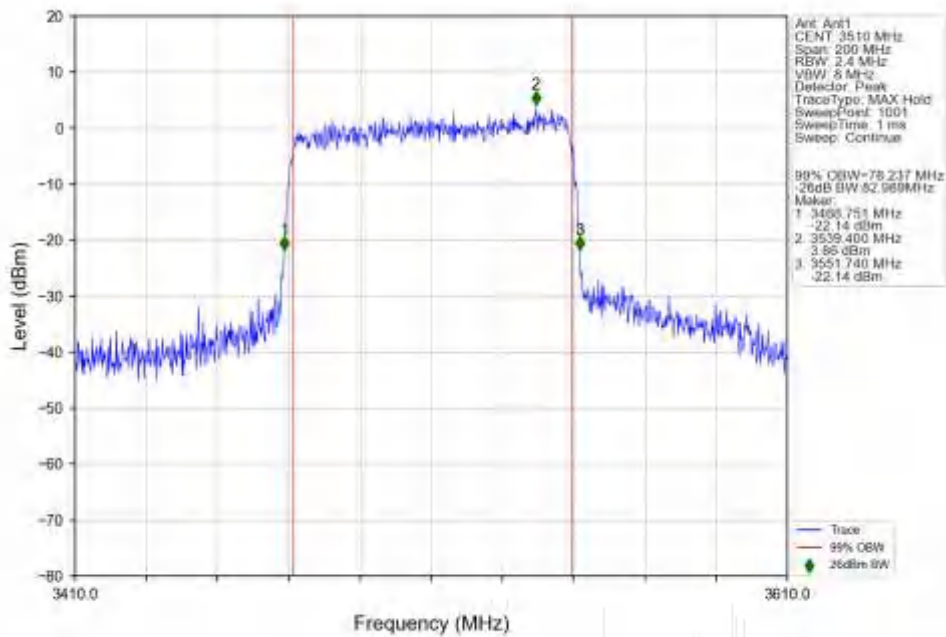
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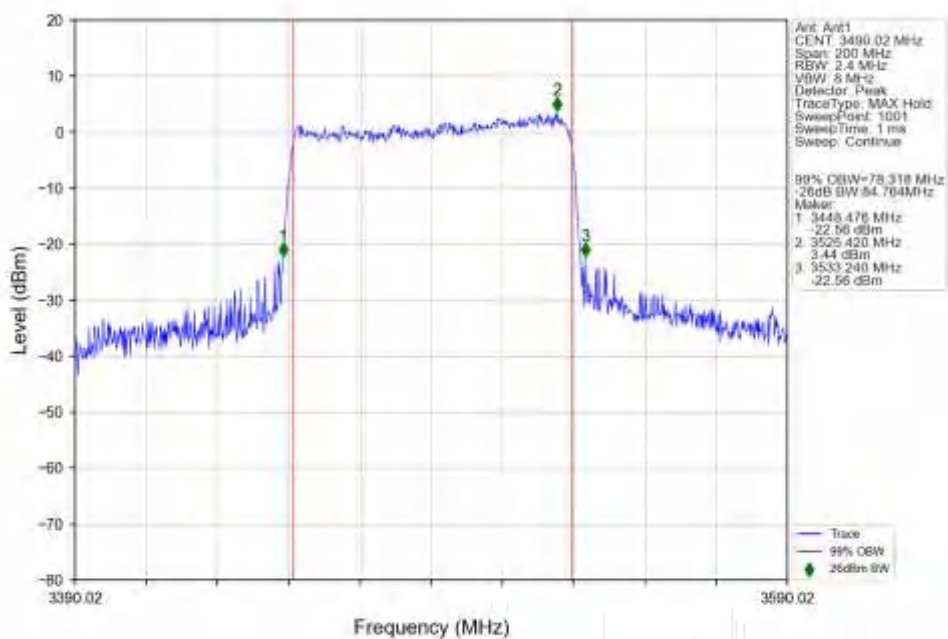
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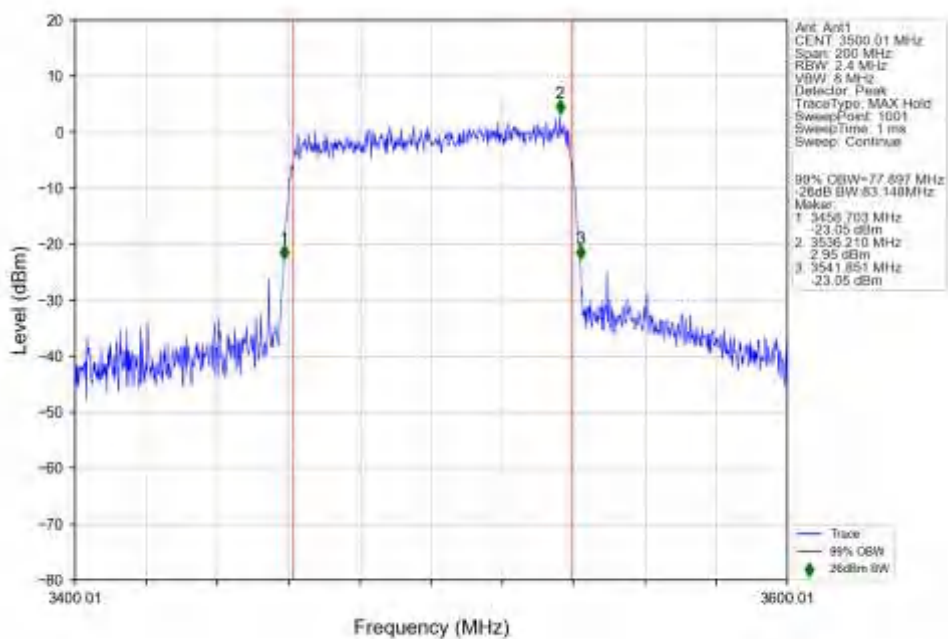
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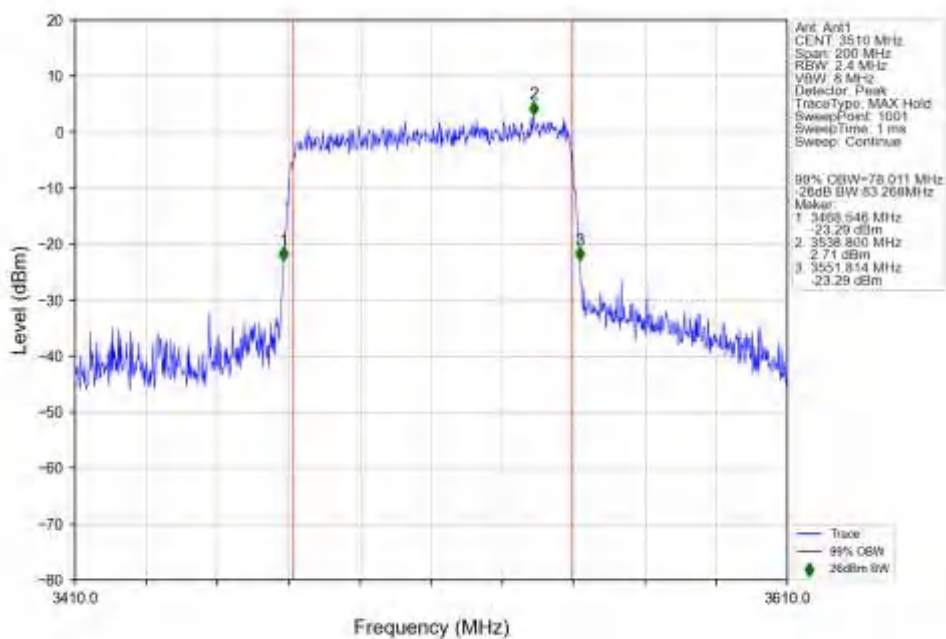
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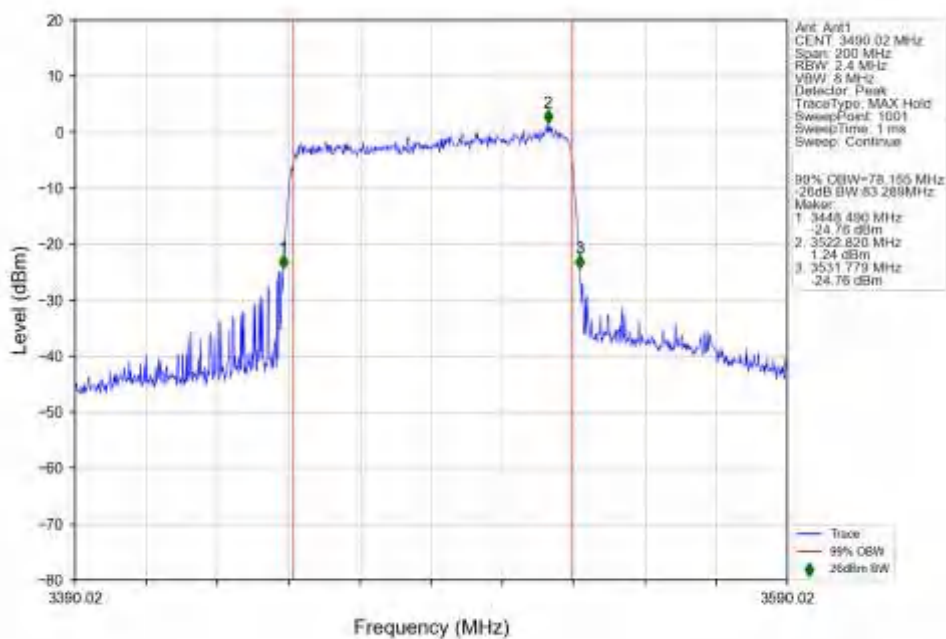
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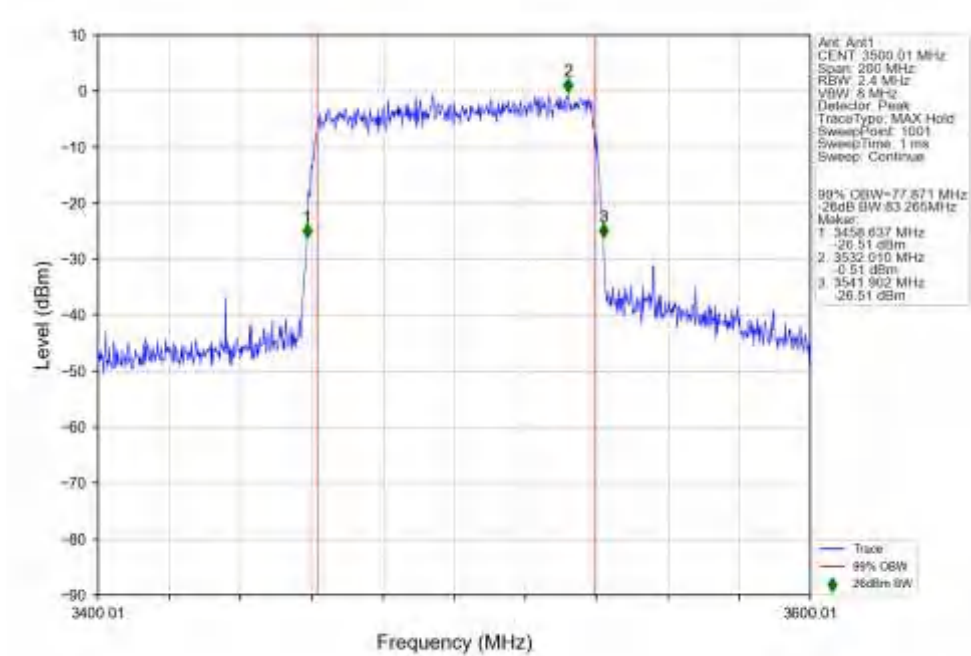
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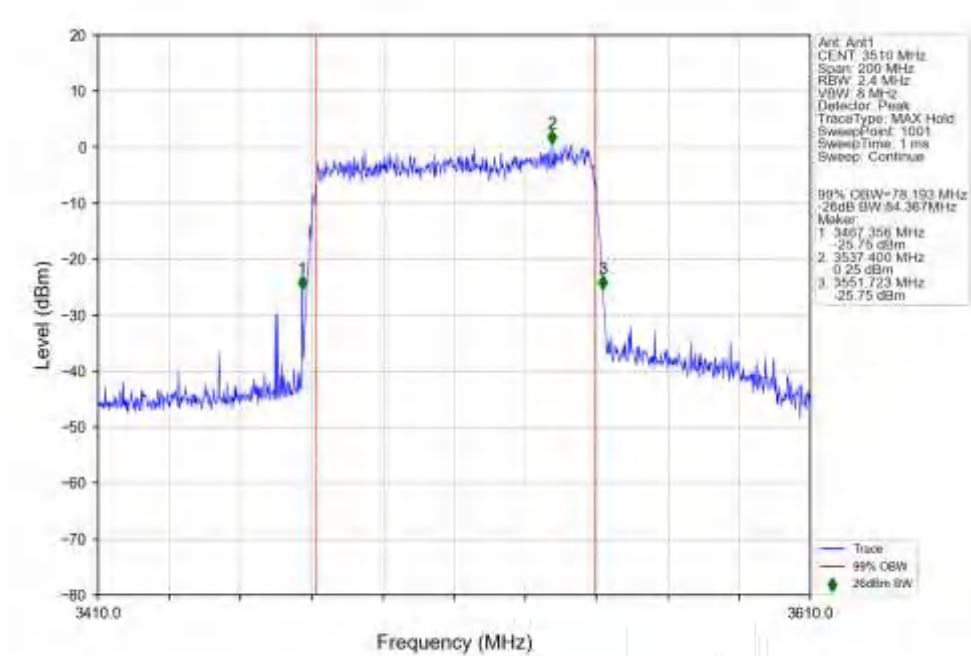
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3490.02MHz_Outer_Full_Ant1



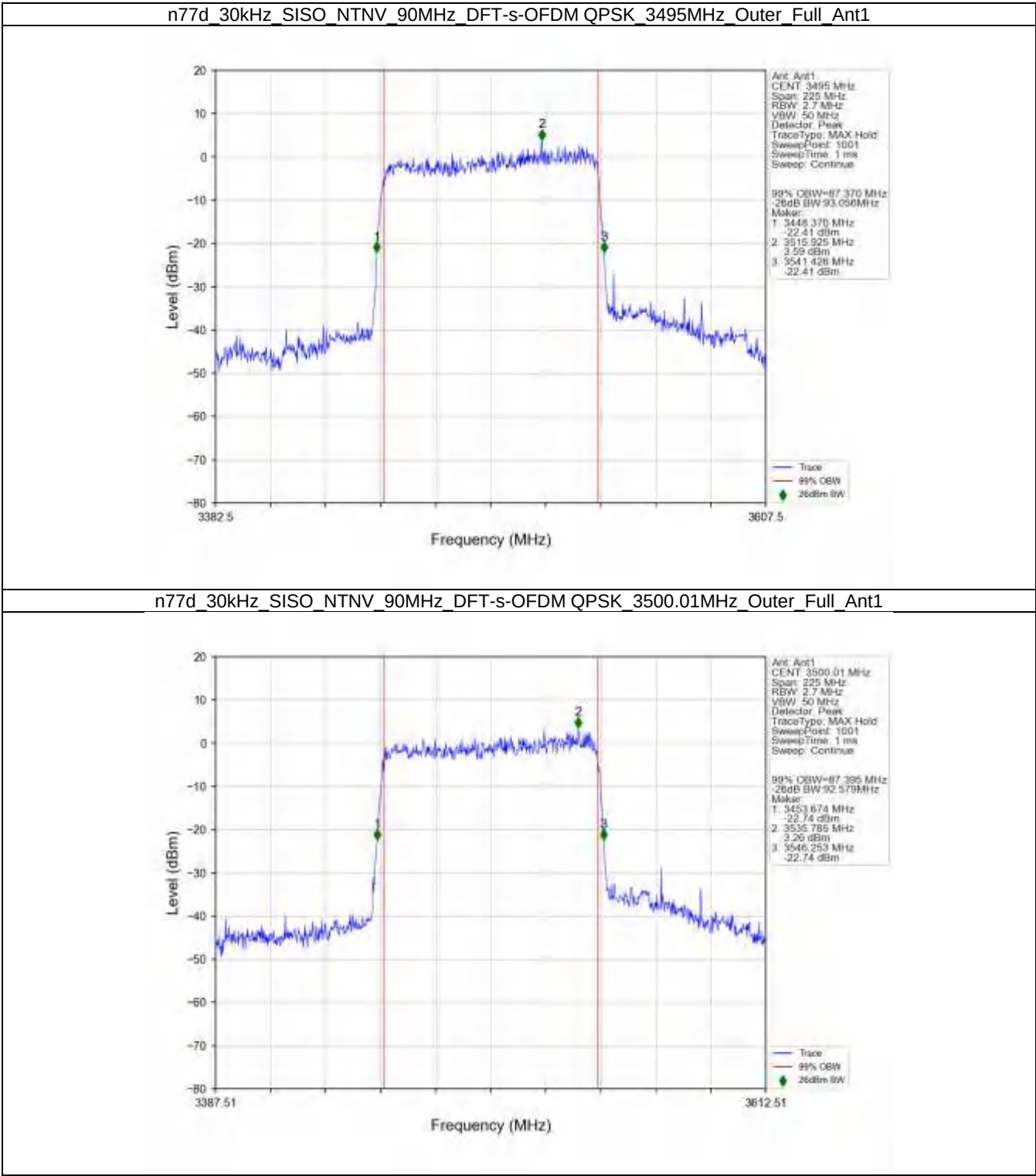
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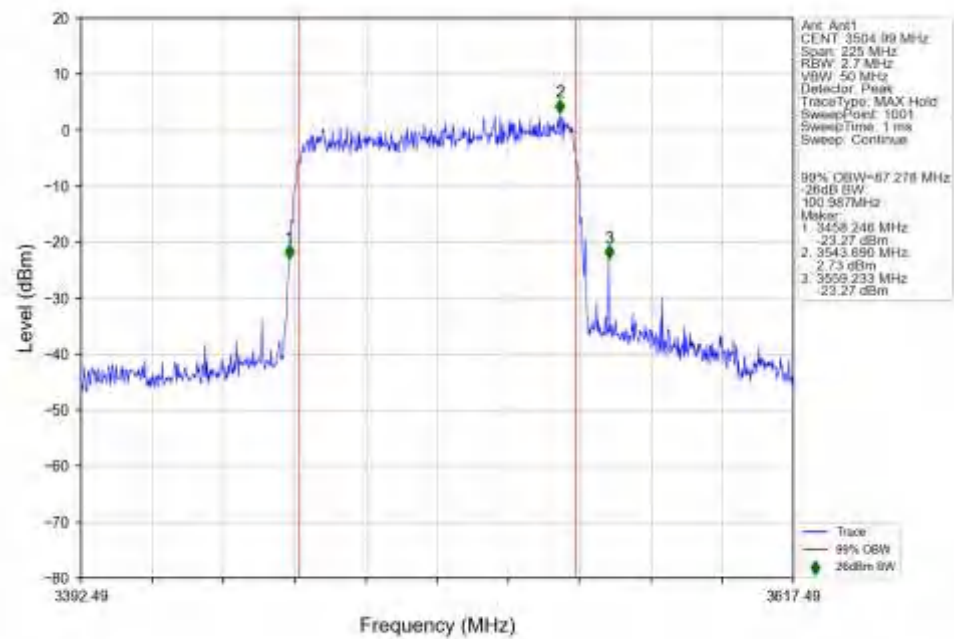
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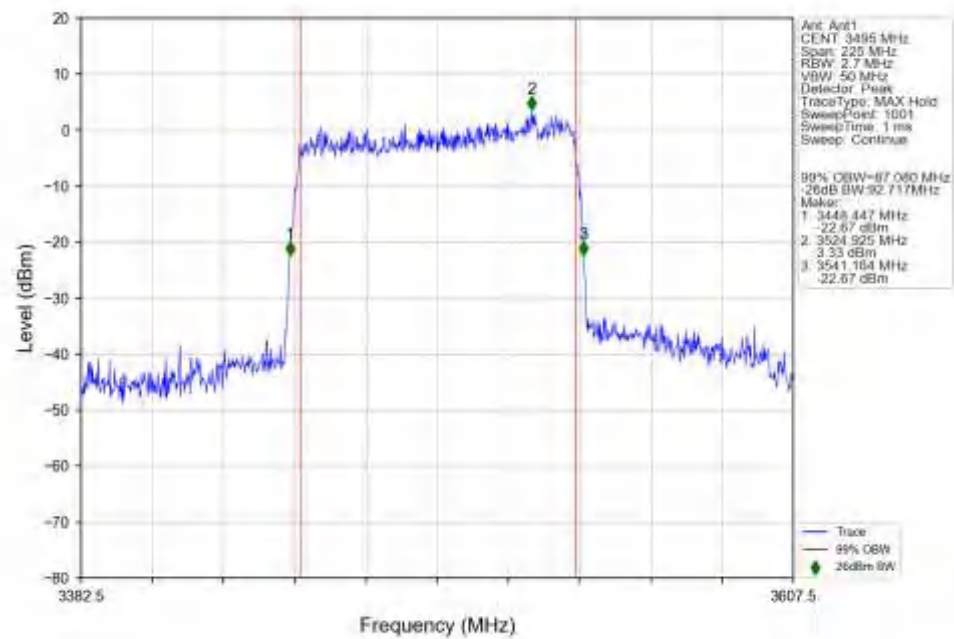
4.2.18 30k_SISO_90MHz_NTNV



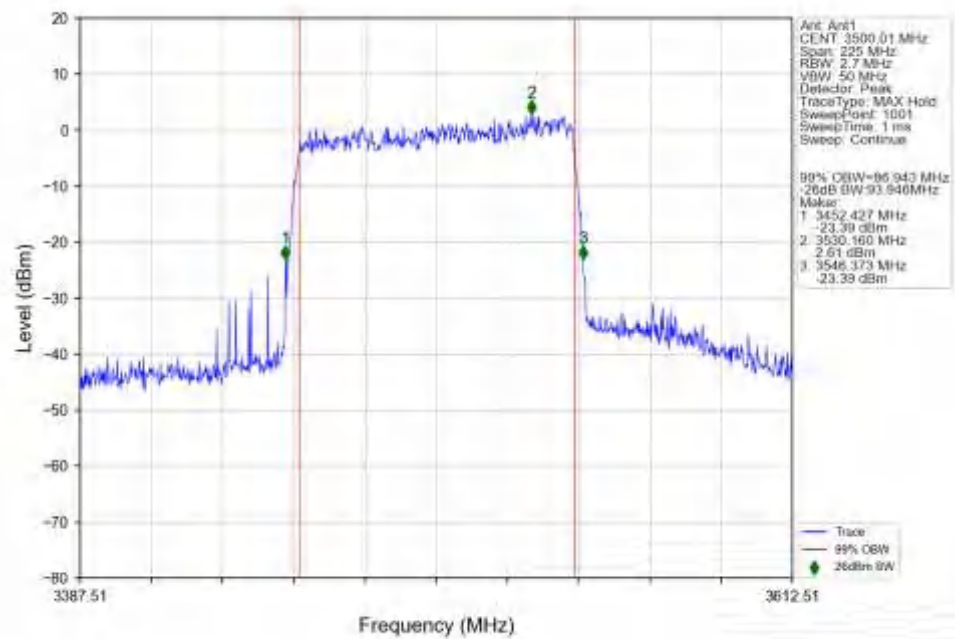
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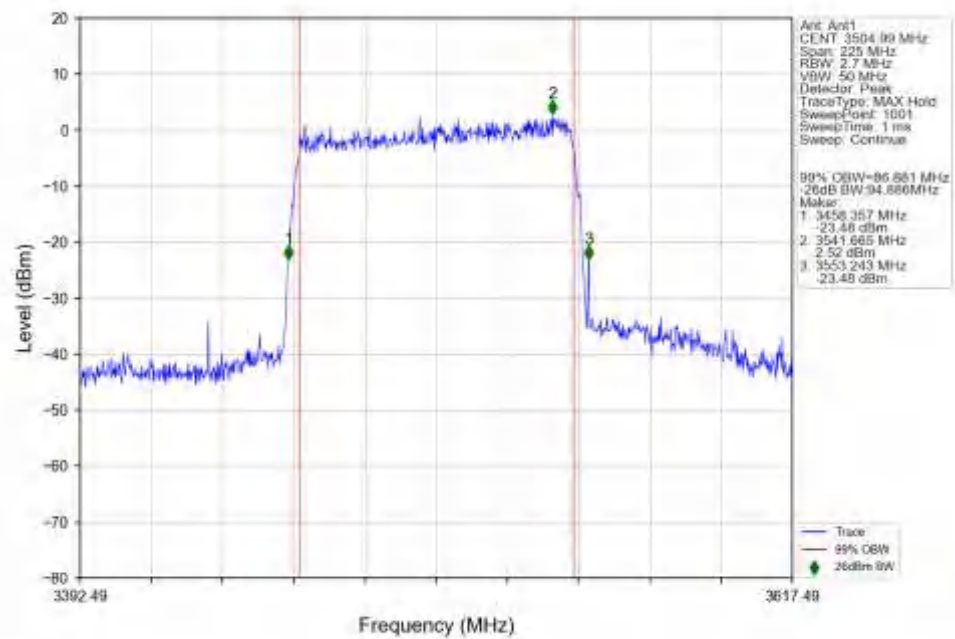
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3495MHz_Outer_Full_Ant1



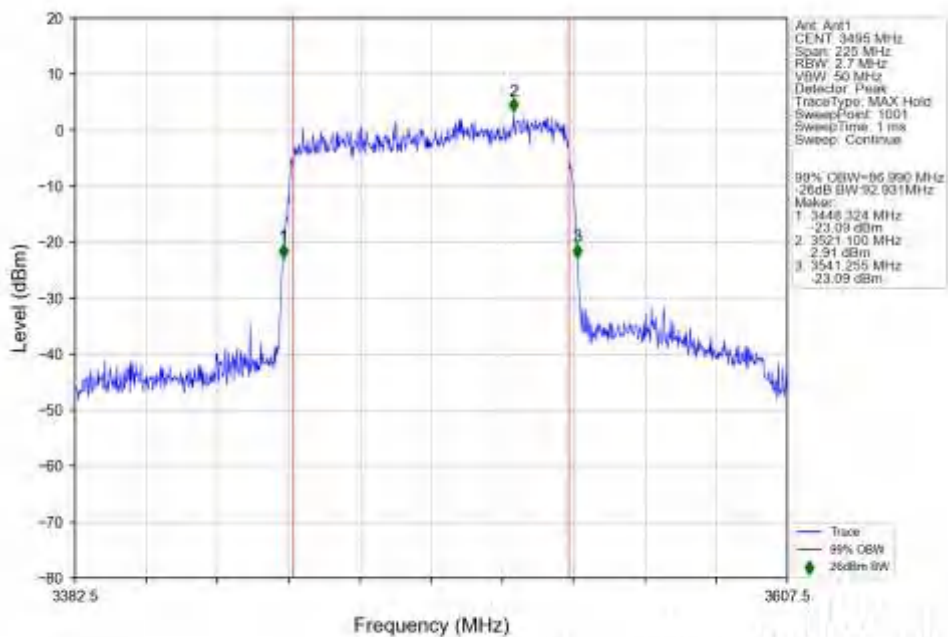
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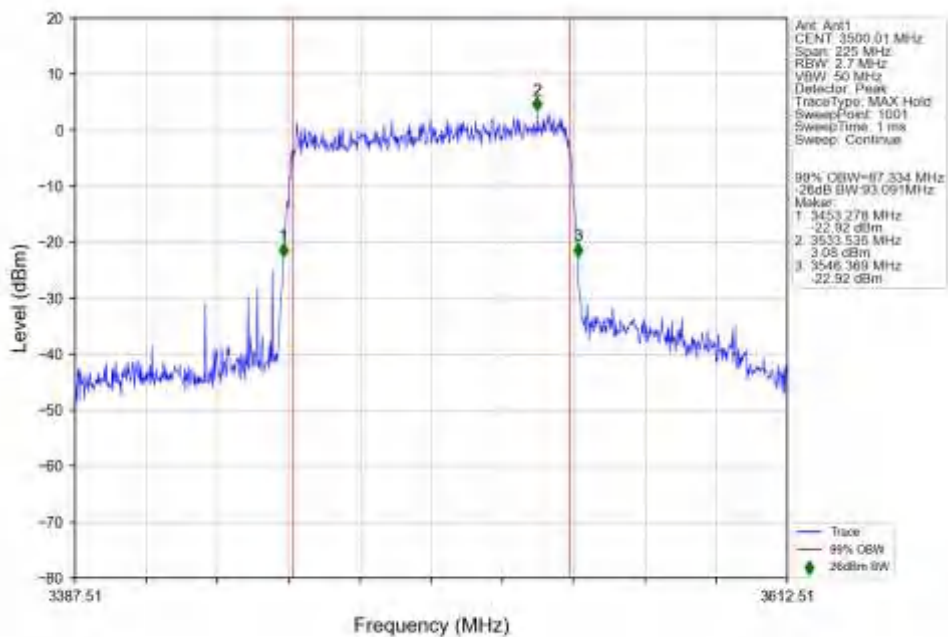
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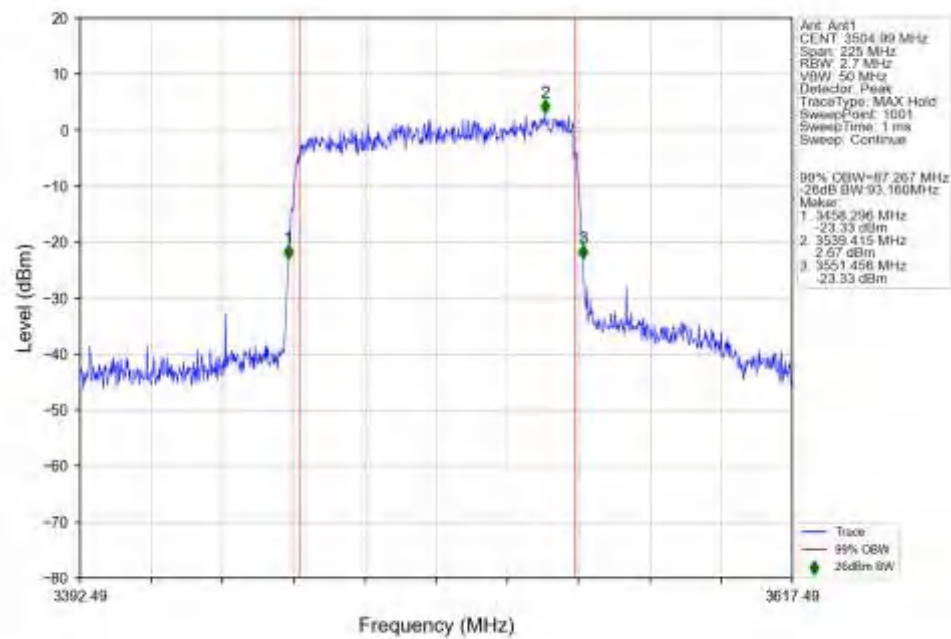
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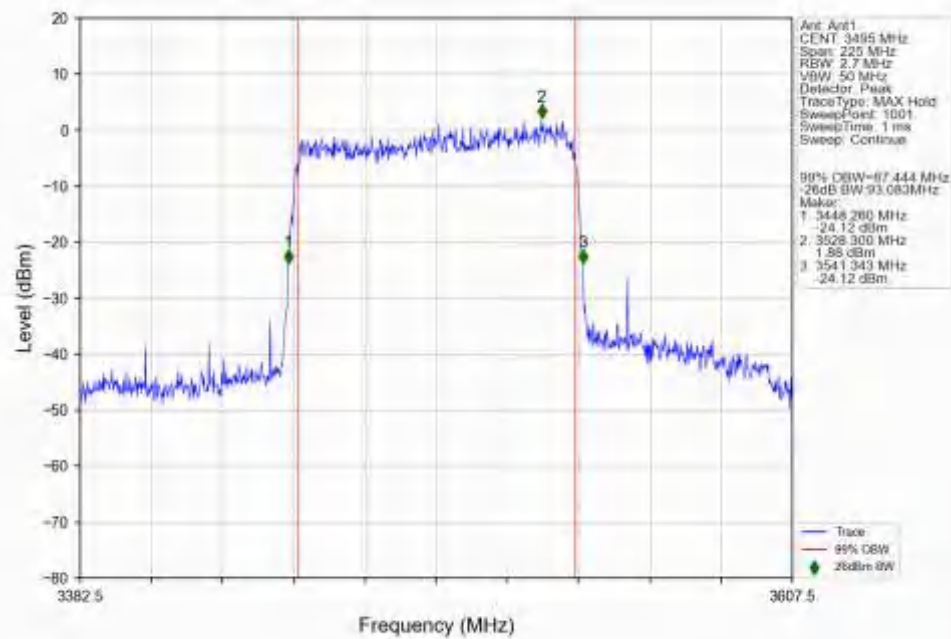
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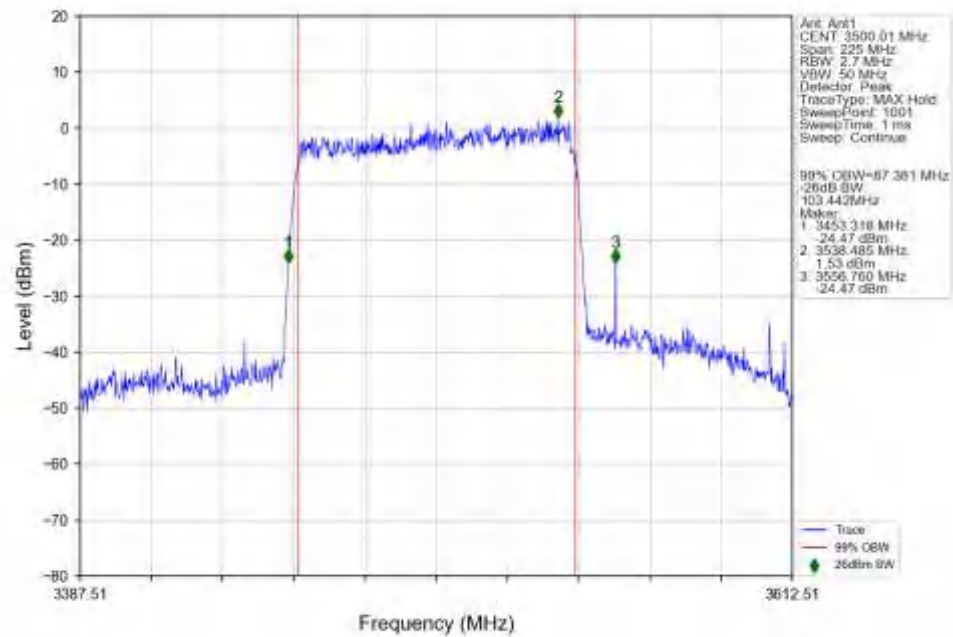
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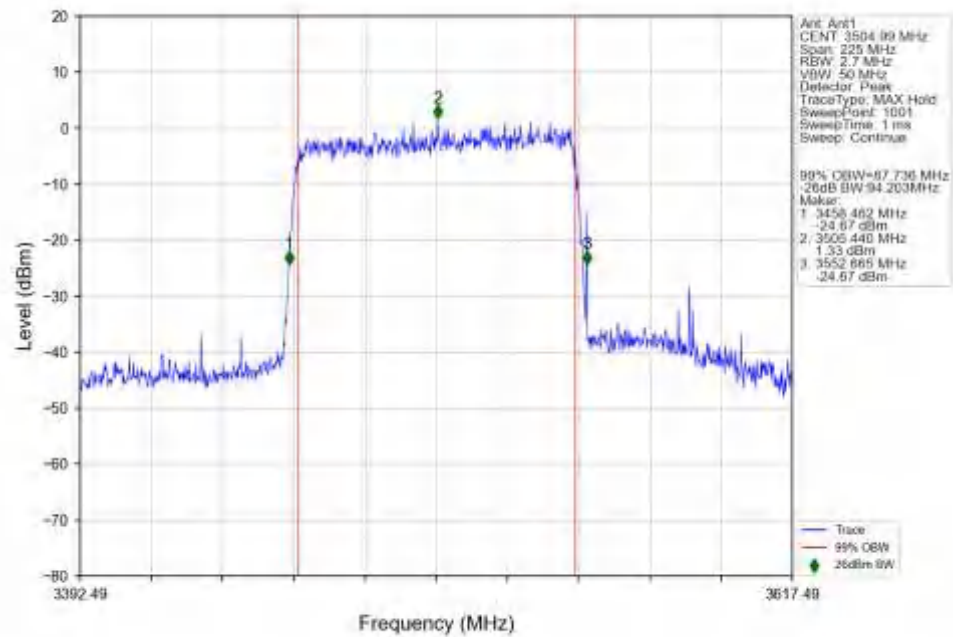
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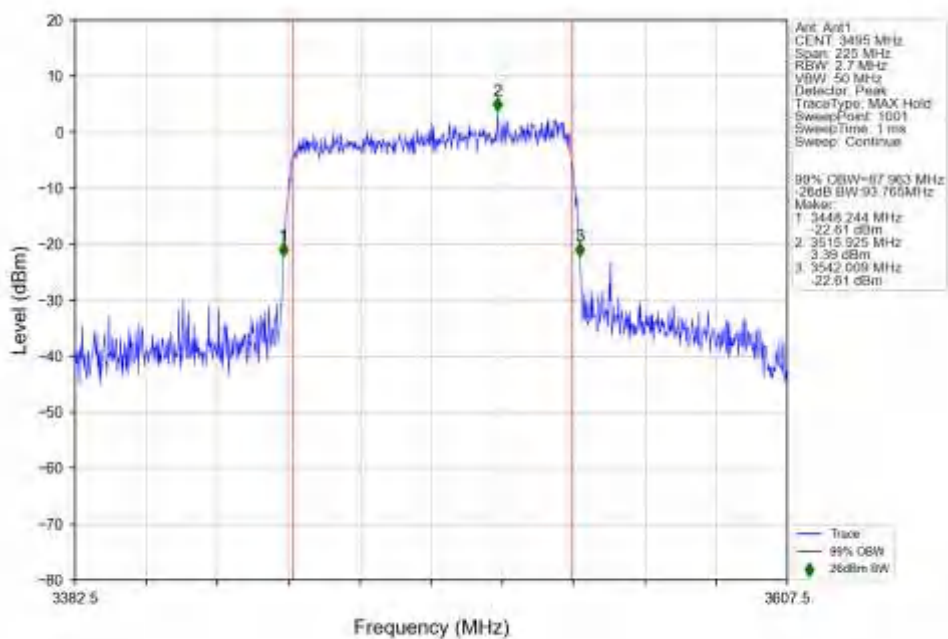
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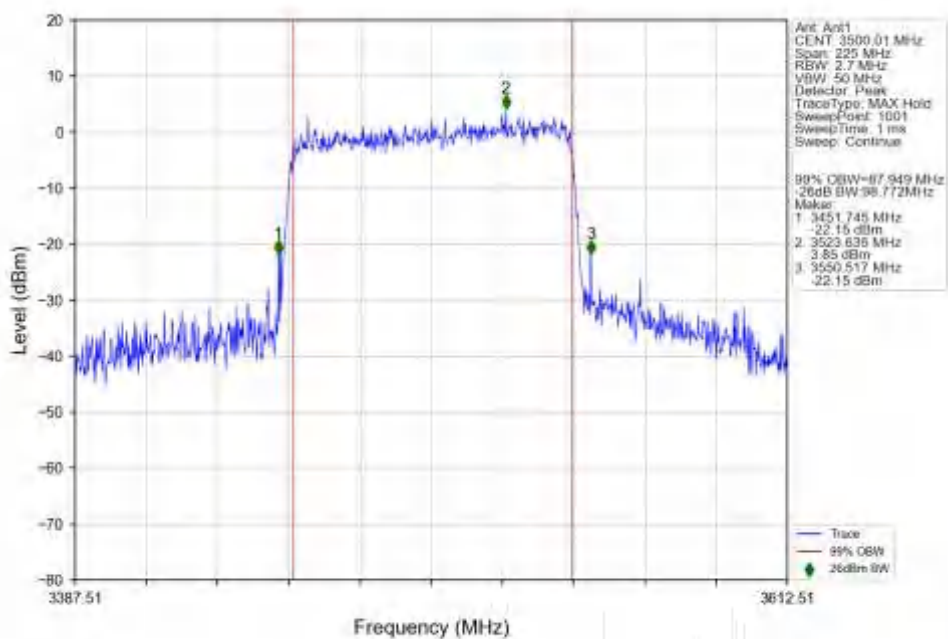
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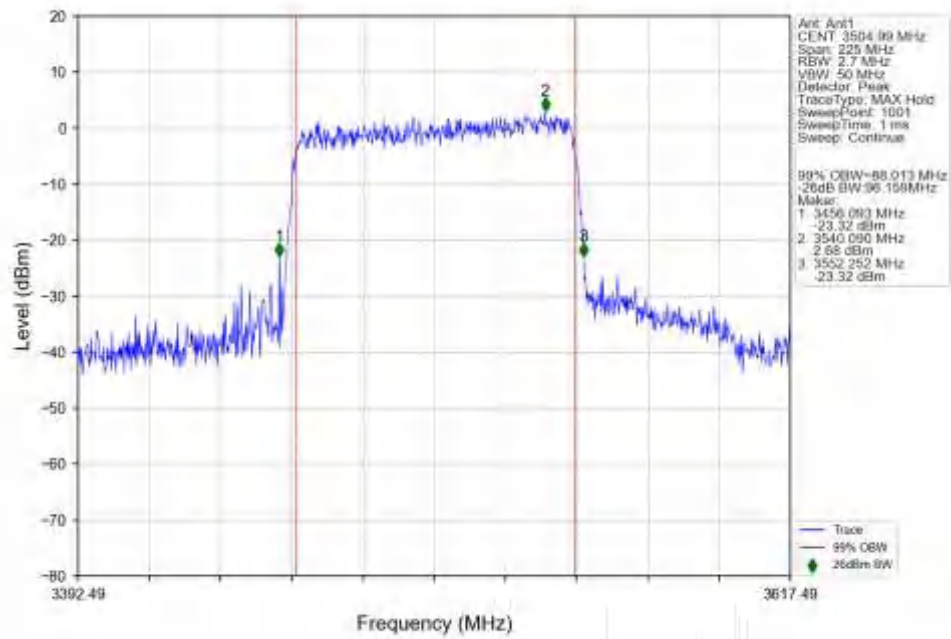
n77d 30kHz SISO NTN 90MHz CP-OFDM QPSK 3495MHz Outer Full Ant1



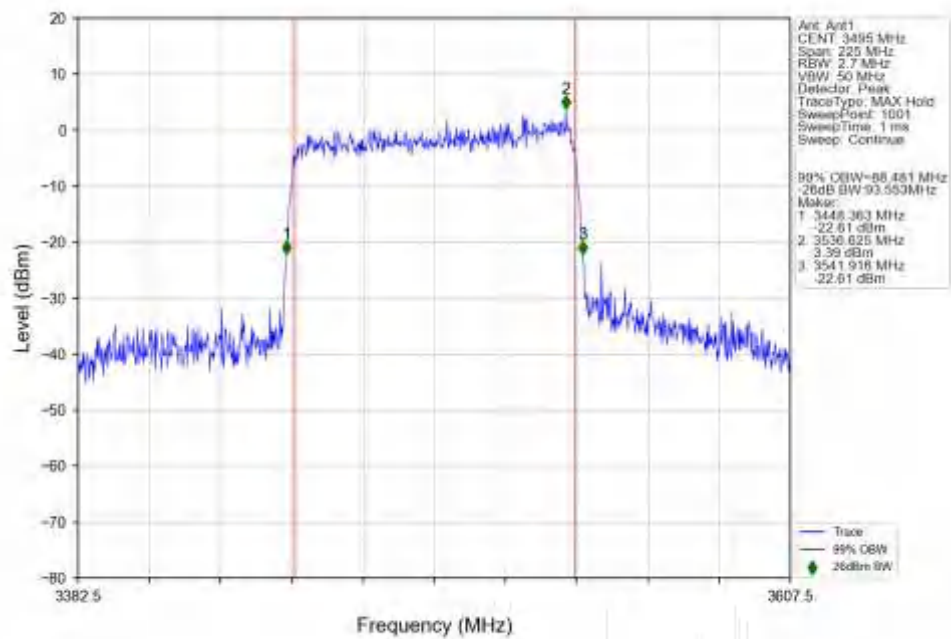
n77d 30kHz SISO NTN 90MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



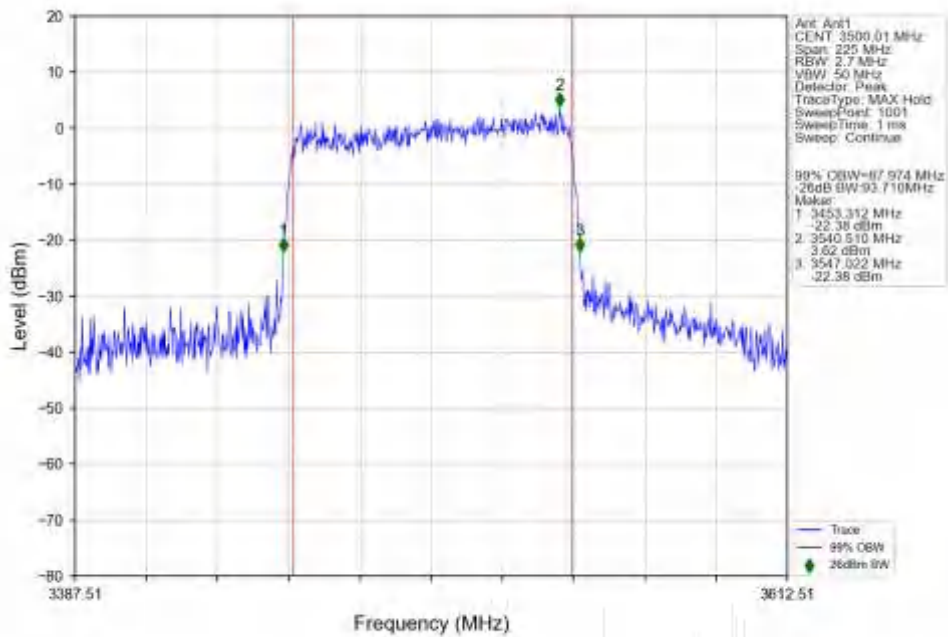
n77d 30kHz SISO NTV 90MHz CP-OFDM QPSK 3504.99MHz Outer Full Ant1



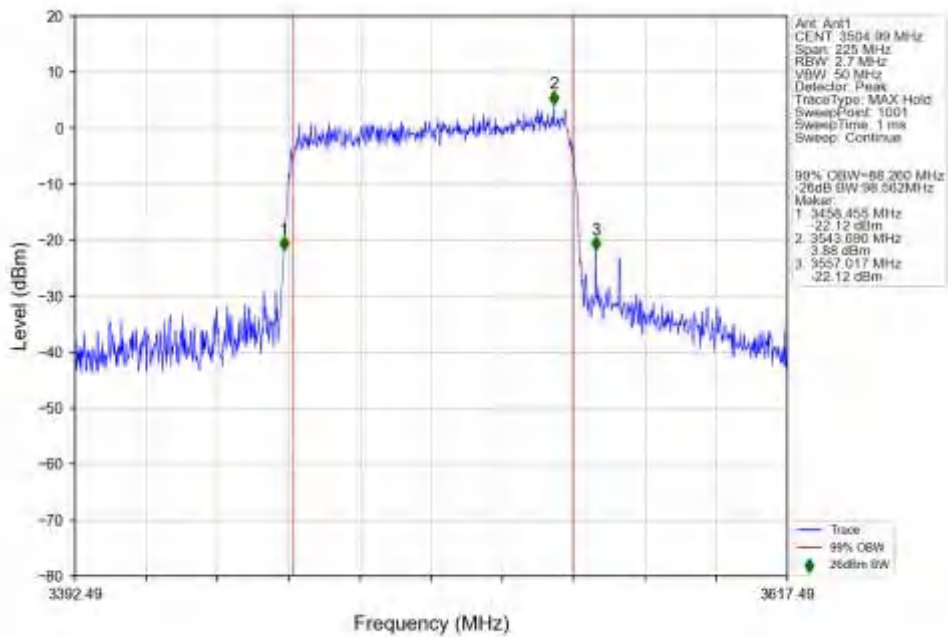
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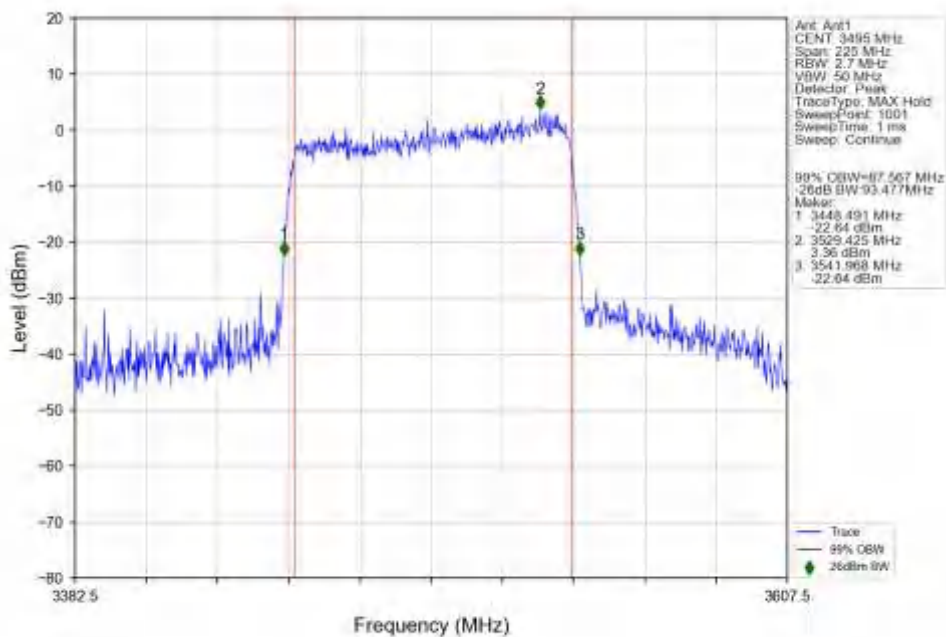
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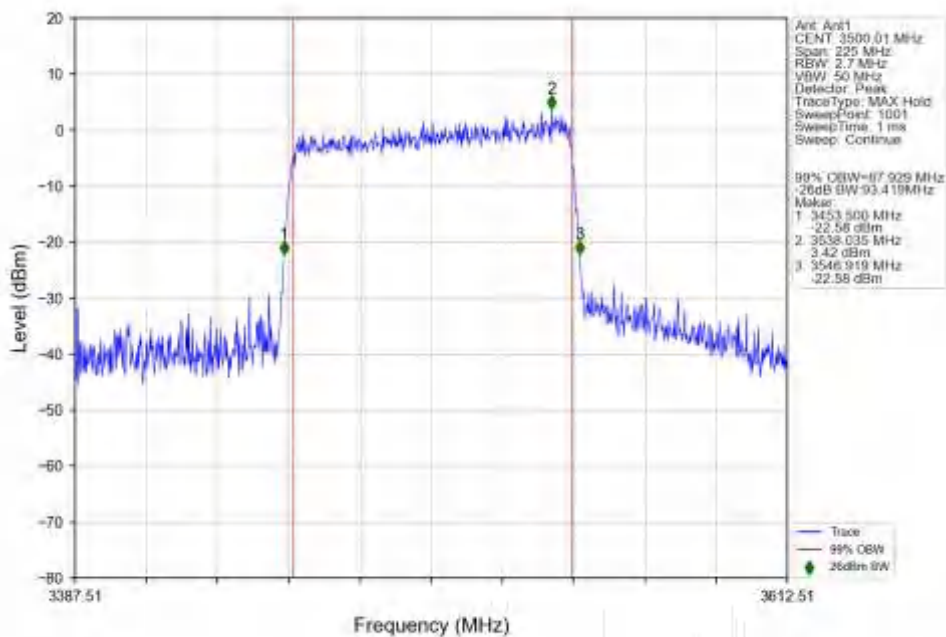
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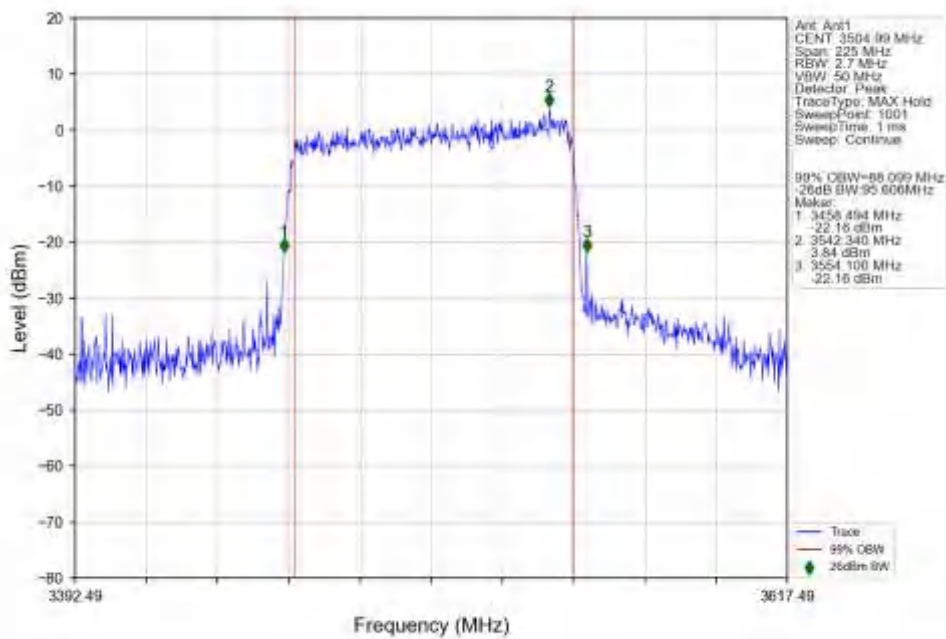
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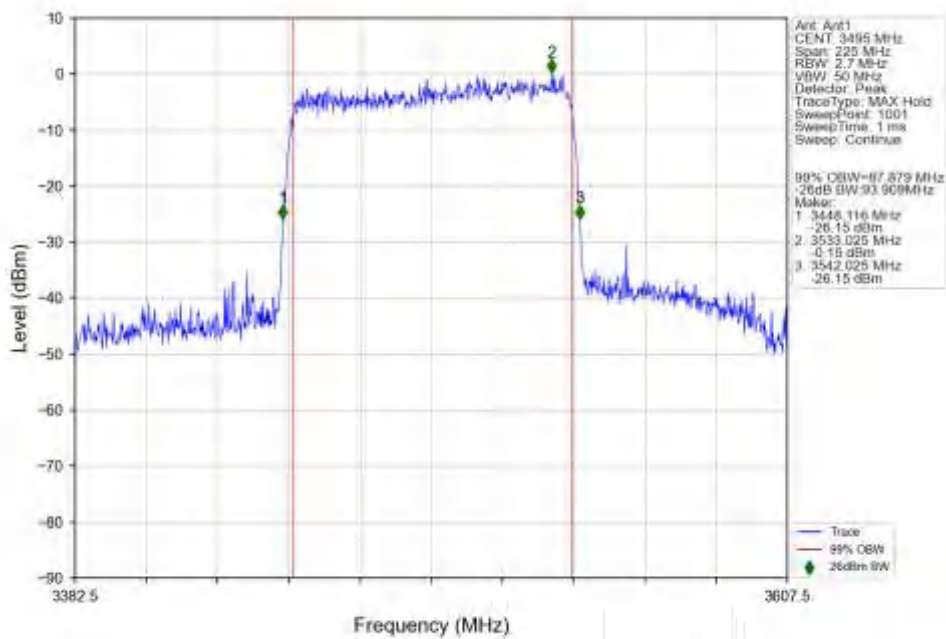
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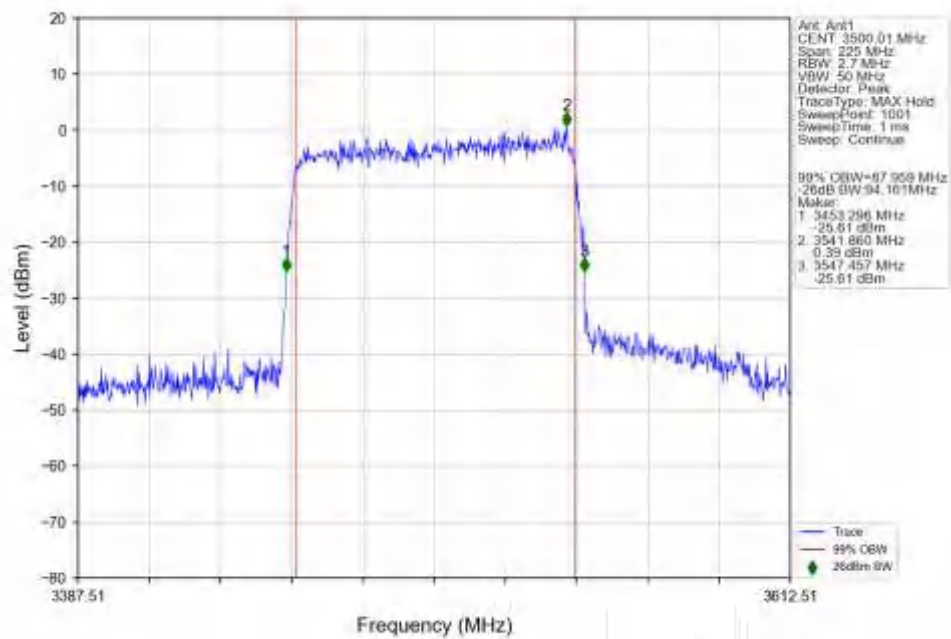
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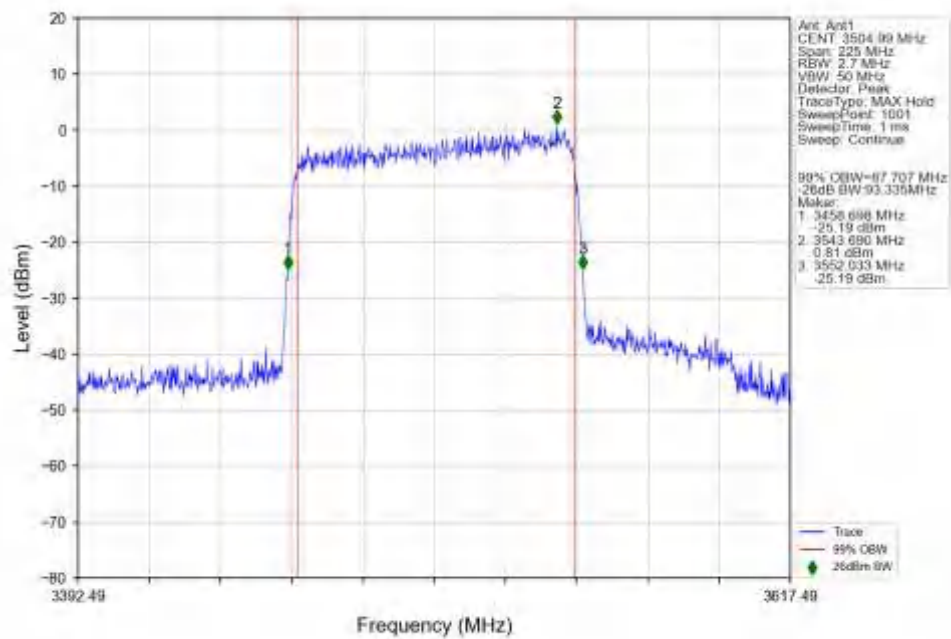
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3495MHz_Outer_Full_Ant1



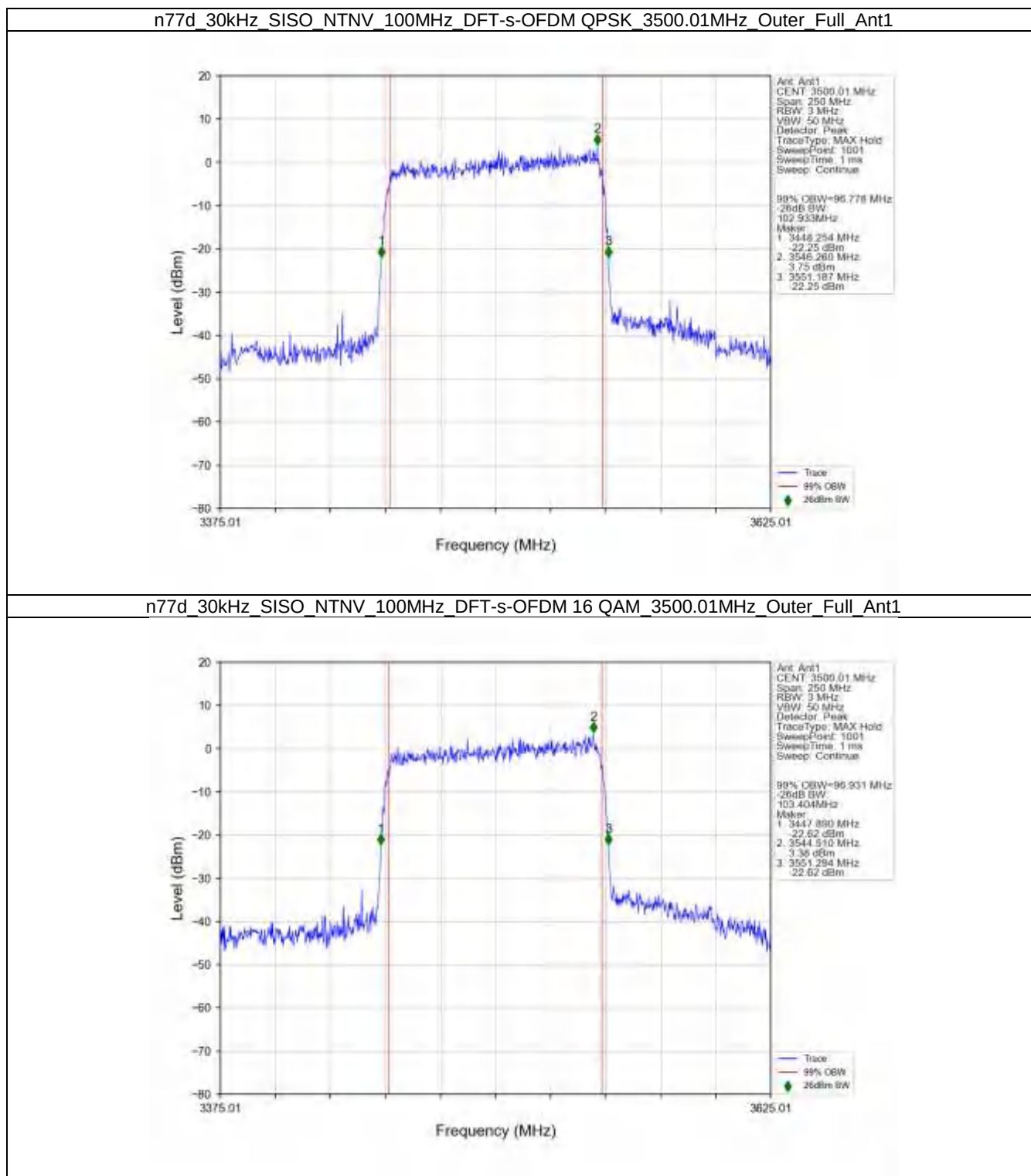
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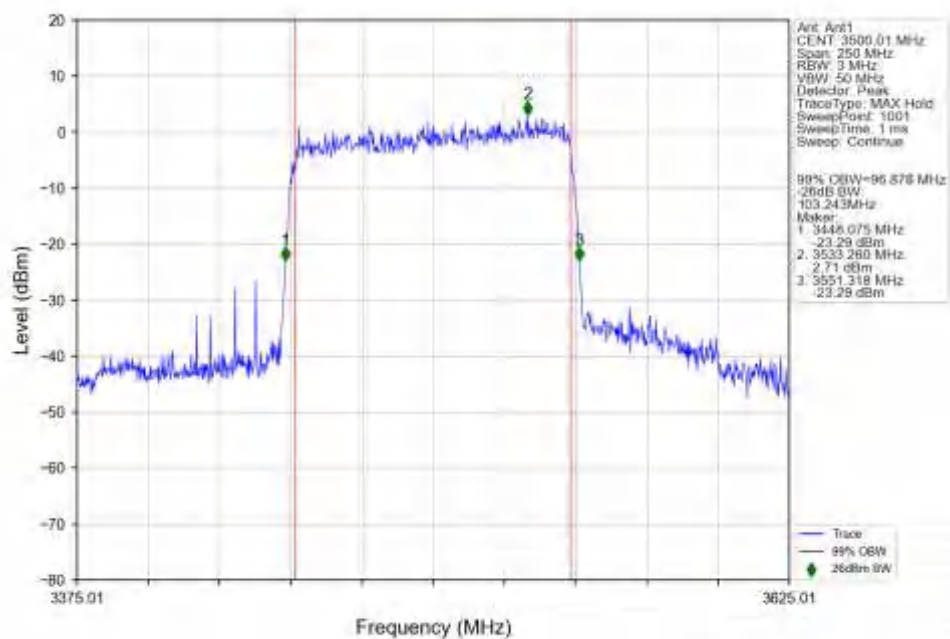
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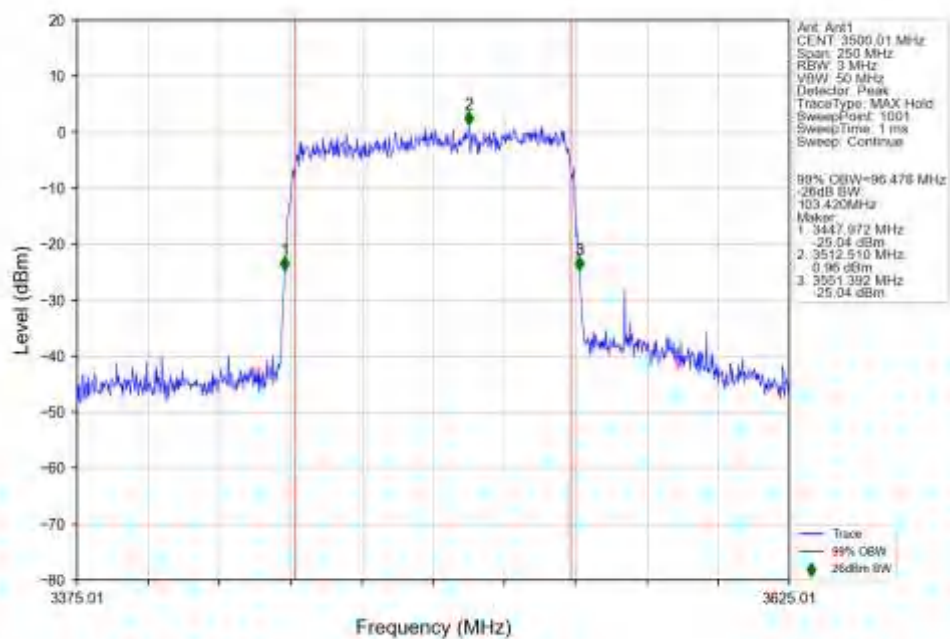
4.2.19 30k_SISO_100MHz_NTNV



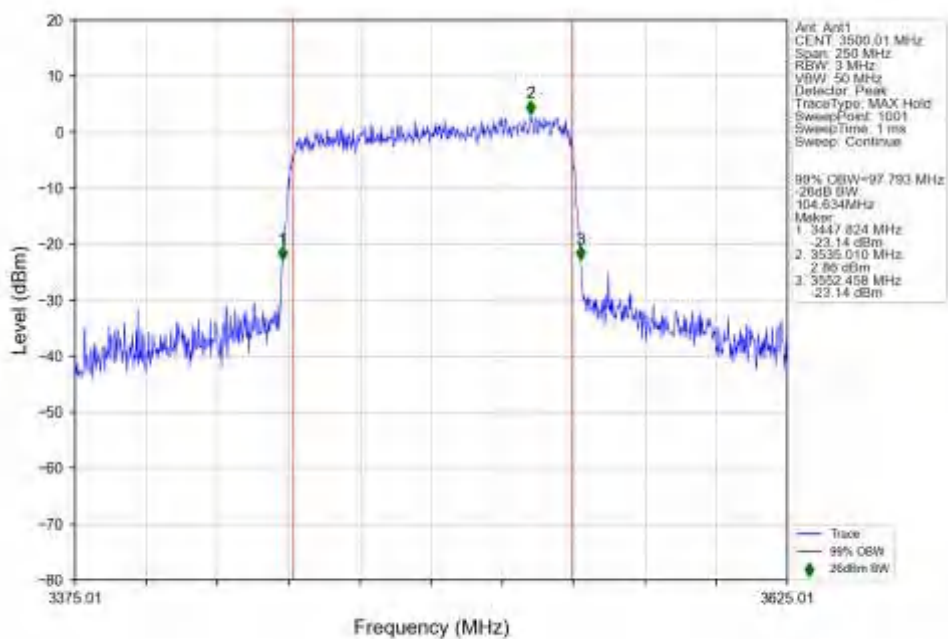
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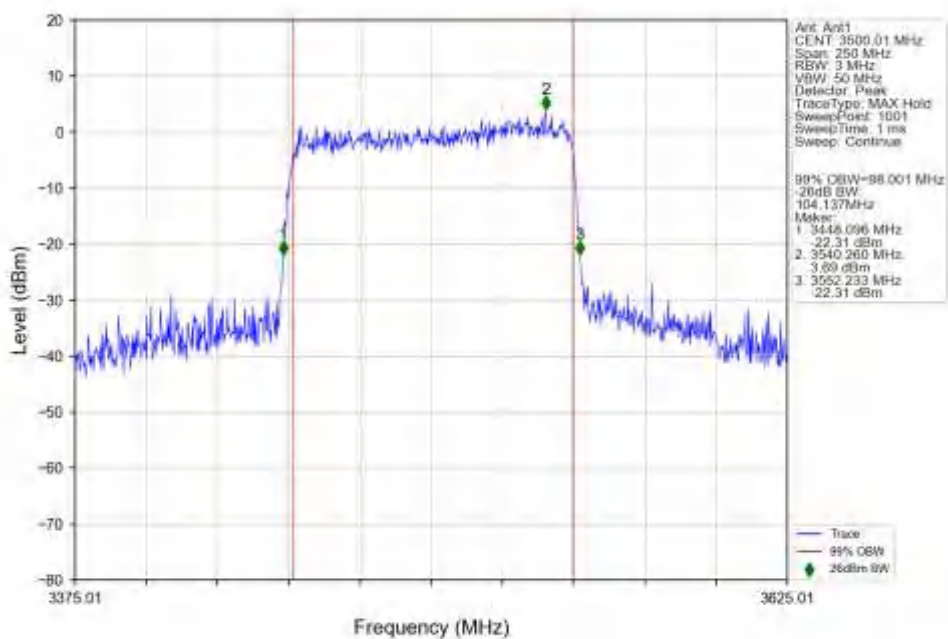
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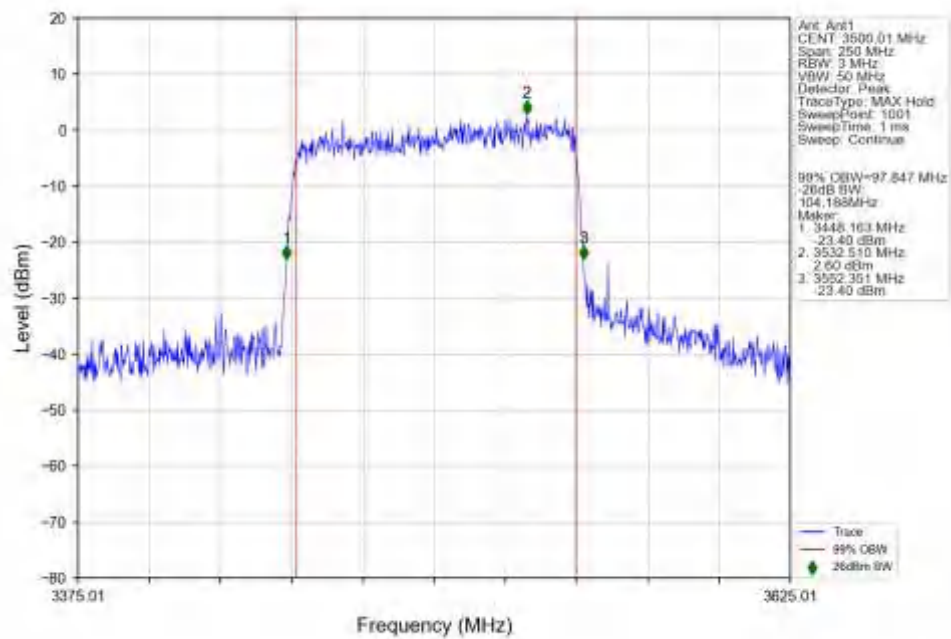
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



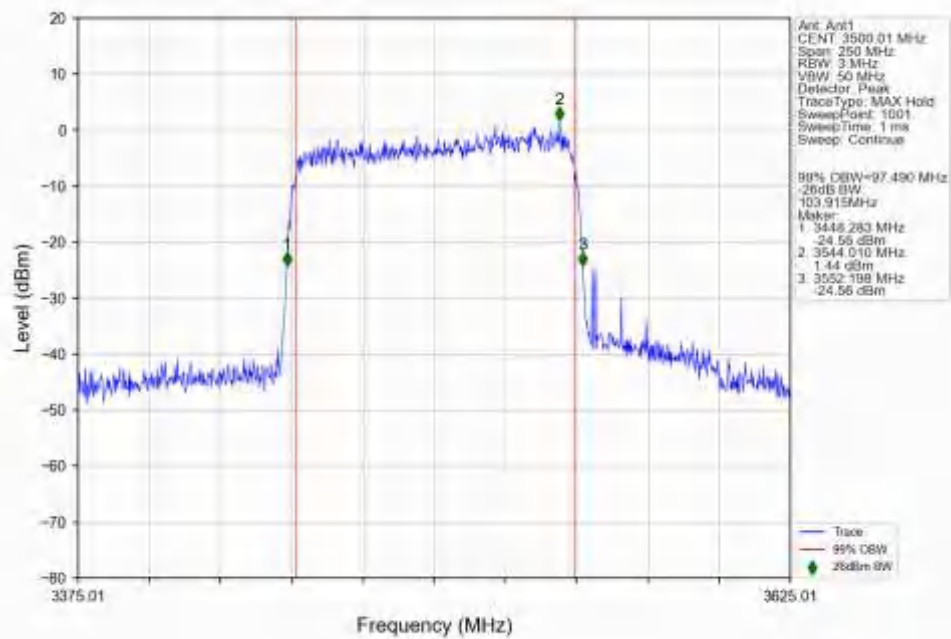
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_10MHz_NTNV

5G NR n77d SCS=15kHz SISO 10MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3455.01	Outer Full	5.91	/	/	<=13	Pass
	3499.995	Outer Full	5.76	/	/	<=13	Pass
	3544.995	Outer Full	5.74	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer Full	6.69	/	/	<=13	Pass
	3499.995	Outer Full	6.50	/	/	<=13	Pass
	3544.995	Outer Full	6.44	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer Full	6.58	/	/	<=13	Pass
	3499.995	Outer Full	6.46	/	/	<=13	Pass
	3544.995	Outer Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer Full	7.66	/	/	<=13	Pass
	3499.995	Outer Full	7.32	/	/	<=13	Pass
	3544.995	Outer Full	7.42	/	/	<=13	Pass
CP-OFDM QPSK	3455.01	Outer Full	8.07	/	/	<=13	Pass
	3499.995	Outer Full	7.80	/	/	<=13	Pass
	3544.995	Outer Full	7.79	/	/	<=13	Pass
CP-OFDM 16 QAM	3455.01	Outer Full	8.14	/	/	<=13	Pass
	3499.995	Outer Full	7.96	/	/	<=13	Pass
	3544.995	Outer Full	7.86	/	/	<=13	Pass
CP-OFDM 64 QAM	3455.01	Outer Full	8.27	/	/	<=13	Pass
	3499.995	Outer Full	7.94	/	/	<=13	Pass
	3544.995	Outer Full	7.95	/	/	<=13	Pass
CP-OFDM 256 QAM	3455.01	Outer Full	8.20	/	/	<=13	Pass
	3499.995	Outer Full	8.22	/	/	<=13	Pass
	3544.995	Outer Full	8.08	/	/	<=13	Pass

5.1.2 15k_SISO_15MHz_NTNV

5G NR n77d SCS=15kHz SISO 15MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3457.5	Outer Full	5.82	/	/	<=13	Pass
	3499.995	Outer Full	5.67	/	/	<=13	Pass
	3542.49	Outer Full	5.64	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer Full	6.41	/	/	<=13	Pass
	3499.995	Outer Full	6.22	/	/	<=13	Pass
	3542.49	Outer Full	6.15	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer Full	6.59	/	/	<=13	Pass
	3499.995	Outer Full	6.44	/	/	<=13	Pass
	3542.49	Outer Full	6.24	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer Full	6.49	/	/	<=13	Pass
	3499.995	Outer Full	7.71	/	/	<=13	Pass
	3542.49	Outer Full	6.39	/	/	<=13	Pass
CP-OFDM QPSK	3457.5	Outer Full	7.93	/	/	<=13	Pass
	3499.995	Outer Full	7.73	/	/	<=13	Pass

	3542.49	Outer Full	7.69	/	/	<=13	Pass
CP-OFDM 16 QAM	3457.5	Outer Full	8.02	/	/	<=13	Pass
	3499.995	Outer Full	7.81	/	/	<=13	Pass
	3542.49	Outer Full	7.62	/	/	<=13	Pass
CP-OFDM 64 QAM	3457.5	Outer Full	7.93	/	/	<=13	Pass
	3499.995	Outer Full	7.79	/	/	<=13	Pass
	3542.49	Outer Full	7.68	/	/	<=13	Pass
CP-OFDM 256 QAM	3457.5	Outer Full	8.20	/	/	<=13	Pass
	3499.995	Outer Full	8.11	/	/	<=13	Pass
	3542.49	Outer Full	8.08	/	/	<=13	Pass

5.1.3 15k_SISO_20MHz_NTNV

5G NR n77d SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3460.005	Outer Full	5.91	/	/	<=13	Pass
	3499.995	Outer Full	5.80	/	/	<=13	Pass
	3540	Outer Full	5.73	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3460.005	Outer Full	6.46	/	/	<=13	Pass
	3499.995	Outer Full	6.39	/	/	<=13	Pass
	3540	Outer Full	6.35	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3460.005	Outer Full	6.55	/	/	<=13	Pass
	3499.995	Outer Full	6.45	/	/	<=13	Pass
	3540	Outer Full	6.39	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3460.005	Outer Full	6.78	/	/	<=13	Pass
	3499.995	Outer Full	6.37	/	/	<=13	Pass
	3540	Outer Full	6.73	/	/	<=13	Pass
CP-OFDM QPSK	3460.005	Outer Full	7.98	/	/	<=13	Pass
	3499.995	Outer Full	7.85	/	/	<=13	Pass
	3540	Outer Full	8.17	/	/	<=13	Pass
CP-OFDM 16 QAM	3460.005	Outer Full	8.41	/	/	<=13	Pass
	3499.995	Outer Full	7.79	/	/	<=13	Pass
	3540	Outer Full	8.20	/	/	<=13	Pass
CP-OFDM 64 QAM	3460.005	Outer Full	8.25	/	/	<=13	Pass
	3499.995	Outer Full	8.10	/	/	<=13	Pass
	3540	Outer Full	7.98	/	/	<=13	Pass
CP-OFDM 256 QAM	3460.005	Outer Full	8.23	/	/	<=13	Pass
	3499.995	Outer Full	8.19	/	/	<=13	Pass
	3540	Outer Full	8.20	/	/	<=13	Pass

5.1.4 15k_SISO_25MHz_NTNV

5G NR n77d SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3462.51	Outer Full	5.90	/	/	<=13	Pass
	3499.995	Outer Full	5.77	/	/	<=13	Pass
	3537.495	Outer Full	5.80	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer Full	6.48	/	/	<=13	Pass
	3499.995	Outer Full	6.37	/	/	<=13	Pass
	3537.495	Outer Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer Full	6.61	/	/	<=13	Pass
	3499.995	Outer Full	6.48	/	/	<=13	Pass
	3537.495	Outer Full	6.38	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	3462.51	Outer Full	7.46	/	/	<=13	Pass
	3499.995	Outer Full	6.96	/	/	<=13	Pass
	3537.495	Outer Full	6.41	/	/	<=13	Pass
CP-OFDM QPSK	3462.51	Outer Full	8.20	/	/	<=13	Pass
	3499.995	Outer Full	7.95	/	/	<=13	Pass
	3537.495	Outer Full	7.86	/	/	<=13	Pass
CP-OFDM 16 QAM	3462.51	Outer Full	8.21	/	/	<=13	Pass
	3499.995	Outer Full	8.03	/	/	<=13	Pass
	3537.495	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 64 QAM	3462.51	Outer Full	8.18	/	/	<=13	Pass
	3499.995	Outer Full	8.06	/	/	<=13	Pass
	3537.495	Outer Full	7.91	/	/	<=13	Pass
CP-OFDM 256 QAM	3462.51	Outer Full	8.34	/	/	<=13	Pass
	3499.995	Outer Full	8.29	/	/	<=13	Pass
	3537.495	Outer Full	8.25	/	/	<=13	Pass

5.1.5 15k_SISO_30MHz_NTNV

5G NR n77d SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3465	Outer Full	6.25	/	/	<=13	Pass
	3499.995	Outer Full	6.09	/	/	<=13	Pass
	3534.99	Outer Full	6.11	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3465	Outer Full	6.73	/	/	<=13	Pass
	3499.995	Outer Full	6.60	/	/	<=13	Pass
	3534.99	Outer Full	6.59	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3465	Outer Full	6.96	/	/	<=13	Pass
	3499.995	Outer Full	6.83	/	/	<=13	Pass
	3534.99	Outer Full	6.83	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3465	Outer Full	7.35	/	/	<=13	Pass
	3499.995	Outer Full	6.66	/	/	<=13	Pass
	3534.99	Outer Full	6.67	/	/	<=13	Pass
CP-OFDM QPSK	3465	Outer Full	8.10	/	/	<=13	Pass
	3499.995	Outer Full	8.00	/	/	<=13	Pass
	3534.99	Outer Full	7.96	/	/	<=13	Pass
CP-OFDM 16 QAM	3465	Outer Full	8.13	/	/	<=13	Pass
	3499.995	Outer Full	8.11	/	/	<=13	Pass
	3534.99	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 64 QAM	3465	Outer Full	8.28	/	/	<=13	Pass
	3499.995	Outer Full	8.18	/	/	<=13	Pass
	3534.99	Outer Full	8.15	/	/	<=13	Pass
CP-OFDM 256 QAM	3465	Outer Full	8.28	/	/	<=13	Pass
	3499.995	Outer Full	8.25	/	/	<=13	Pass
	3534.99	Outer Full	8.25	/	/	<=13	Pass

5.1.6 15k_SISO_40MHz_NTNV

5G NR n77d SCS=15kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3470.01	Outer Full	6.69	/	/	<=13	Pass
	3499.995	Outer Full	6.65	/	/	<=13	Pass
	3529.995	Outer Full	6.69	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer Full	7.30	/	/	<=13	Pass

DFT-s-OFDM 64 QAM	3499.995	Outer Full	7.24	/	/	<=13	Pass
	3529.995	Outer Full	7.28	/	/	<=13	Pass
	3470.01	Outer Full	7.35	/	/	<=13	Pass
	3499.995	Outer Full	7.26	/	/	<=13	Pass
	3529.995	Outer Full	7.30	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer Full	11.76	/	/	<=13	Pass
	3499.995	Outer Full	9.76	/	/	<=13	Pass
	3529.995	Outer Full	9.85	/	/	<=13	Pass
CP-OFDM QPSK	3470.01	Outer Full	8.24	/	/	<=13	Pass
	3499.995	Outer Full	8.17	/	/	<=13	Pass
	3529.995	Outer Full	8.23	/	/	<=13	Pass
CP-OFDM 16 QAM	3470.01	Outer Full	8.26	/	/	<=13	Pass
	3499.995	Outer Full	8.21	/	/	<=13	Pass
	3529.995	Outer Full	8.16	/	/	<=13	Pass
CP-OFDM 64 QAM	3470.01	Outer Full	8.27	/	/	<=13	Pass
	3499.995	Outer Full	8.19	/	/	<=13	Pass
	3529.995	Outer Full	8.12	/	/	<=13	Pass
CP-OFDM 256 QAM	3470.01	Outer Full	8.24	/	/	<=13	Pass
	3499.995	Outer Full	8.19	/	/	<=13	Pass
	3529.995	Outer Full	8.19	/	/	<=13	Pass

5.1.7 15k_SISO_50MHz_NTNV

5G NR n77d SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3475.005	Outer Full	6.94	/	/	<=13	Pass
	3499.995	Outer Full	6.85	/	/	<=13	Pass
	3525	Outer Full	6.89	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3475.005	Outer Full	7.49	/	/	<=13	Pass
	3499.995	Outer Full	7.47	/	/	<=13	Pass
	3525	Outer Full	7.44	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3475.005	Outer Full	7.45	/	/	<=13	Pass
	3499.995	Outer Full	7.45	/	/	<=13	Pass
	3525	Outer Full	7.45	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3475.005	Outer Full	7.46	/	/	<=13	Pass
	3499.995	Outer Full	10.40	/	/	<=13	Pass
	3525	Outer Full	7.42	/	/	<=13	Pass
CP-OFDM QPSK	3475.005	Outer Full	8.32	/	/	<=13	Pass
	3499.995	Outer Full	8.26	/	/	<=13	Pass
	3525	Outer Full	8.21	/	/	<=13	Pass
CP-OFDM 16 QAM	3475.005	Outer Full	8.42	/	/	<=13	Pass
	3499.995	Outer Full	8.37	/	/	<=13	Pass
	3525	Outer Full	8.38	/	/	<=13	Pass
CP-OFDM 64 QAM	3475.005	Outer Full	8.30	/	/	<=13	Pass
	3499.995	Outer Full	8.23	/	/	<=13	Pass
	3525	Outer Full	8.29	/	/	<=13	Pass
CP-OFDM 256 QAM	3475.005	Outer Full	8.42	/	/	<=13	Pass
	3499.995	Outer Full	8.35	/	/	<=13	Pass
	3525	Outer Full	8.40	/	/	<=13	Pass

5.1.8 30k_SISO_10MHz_NTNV

5G NR n77d SCS=30kHz SISO 10MHz NTN				
Modulation	Frequency	RB	Peak-Average Ratio (dB)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3455.01	Outer_Full	5.98	/	/	<=13	Pass
	3500.01	Outer_Full	5.69	/	/	<=13	Pass
	3544.98	Outer_Full	5.69	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	6.73	/	/	<=13	Pass
	3500.01	Outer_Full	6.55	/	/	<=13	Pass
	3544.98	Outer_Full	6.44	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	6.67	/	/	<=13	Pass
	3500.01	Outer_Full	6.50	/	/	<=13	Pass
	3544.98	Outer_Full	6.46	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	6.66	/	/	<=13	Pass
	3500.01	Outer_Full	6.51	/	/	<=13	Pass
	3544.98	Outer_Full	6.52	/	/	<=13	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.20	/	/	<=13	Pass
	3500.01	Outer_Full	7.86	/	/	<=13	Pass
	3544.98	Outer_Full	7.61	/	/	<=13	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.02	/	/	<=13	Pass
	3500.01	Outer_Full	7.75	/	/	<=13	Pass
	3544.98	Outer_Full	7.64	/	/	<=13	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.10	/	/	<=13	Pass
	3500.01	Outer_Full	7.83	/	/	<=13	Pass
	3544.98	Outer_Full	7.72	/	/	<=13	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.21	/	/	<=13	Pass
	3500.01	Outer_Full	8.06	/	/	<=13	Pass
	3544.98	Outer_Full	8.05	/	/	<=13	Pass

5.1.9 30k_SISO_15MHz_NTNV

5G NR n77d SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3457.5	Outer_Full	6.08	/	/	<=13	Pass
	3500.01	Outer_Full	5.85	/	/	<=13	Pass
	3542.49	Outer_Full	5.85	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	6.60	/	/	<=13	Pass
	3500.01	Outer_Full	6.36	/	/	<=13	Pass
	3542.49	Outer_Full	6.33	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	6.64	/	/	<=13	Pass
	3500.01	Outer_Full	6.43	/	/	<=13	Pass
	3542.49	Outer_Full	6.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	6.51	/	/	<=13	Pass
	3500.01	Outer_Full	6.41	/	/	<=13	Pass
	3542.49	Outer_Full	6.36	/	/	<=13	Pass
CP-OFDM QPSK	3457.5	Outer_Full	7.98	/	/	<=13	Pass
	3500.01	Outer_Full	7.63	/	/	<=13	Pass
	3542.49	Outer_Full	7.60	/	/	<=13	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	8.04	/	/	<=13	Pass
	3500.01	Outer_Full	7.61	/	/	<=13	Pass
	3542.49	Outer_Full	7.65	/	/	<=13	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	8.09	/	/	<=13	Pass
	3500.01	Outer_Full	7.78	/	/	<=13	Pass
	3542.49	Outer_Full	7.73	/	/	<=13	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	8.04	/	/	<=13	Pass
	3500.01	Outer_Full	7.89	/	/	<=13	Pass
	3542.49	Outer_Full	7.90	/	/	<=13	Pass

5.1.10 30k_SISO_20MHz_NTNV

5G NR n77d SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3460.02	Outer Full	6.05	/	/	<=13	Pass
	3500.01	Outer Full	5.85	/	/	<=13	Pass
	3540	Outer Full	5.82	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer Full	6.66	/	/	<=13	Pass
	3500.01	Outer Full	6.42	/	/	<=13	Pass
	3540	Outer Full	6.41	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer Full	6.68	/	/	<=13	Pass
	3500.01	Outer Full	6.44	/	/	<=13	Pass
	3540	Outer Full	6.39	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer Full	7.27	/	/	<=13	Pass
	3500.01	Outer Full	6.37	/	/	<=13	Pass
	3540	Outer Full	7.26	/	/	<=13	Pass
CP-OFDM QPSK	3460.02	Outer Full	8.14	/	/	<=13	Pass
	3500.01	Outer Full	7.71	/	/	<=13	Pass
	3540	Outer Full	7.63	/	/	<=13	Pass
CP-OFDM 16 QAM	3460.02	Outer Full	8.18	/	/	<=13	Pass
	3500.01	Outer Full	7.74	/	/	<=13	Pass
	3540	Outer Full	7.65	/	/	<=13	Pass
CP-OFDM 64 QAM	3460.02	Outer Full	8.23	/	/	<=13	Pass
	3500.01	Outer Full	7.91	/	/	<=13	Pass
	3540	Outer Full	7.80	/	/	<=13	Pass
CP-OFDM 256 QAM	3460.02	Outer Full	8.23	/	/	<=13	Pass
	3500.01	Outer Full	8.15	/	/	<=13	Pass
	3540	Outer Full	8.08	/	/	<=13	Pass

5.1.11 30k_SISO_25MHz_NTNV

5G NR n77d SCS=30kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3462.51	Outer Full	6.18	/	/	<=13	Pass
	3500.01	Outer Full	5.96	/	/	<=13	Pass
	3537.48	Outer Full	5.97	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer Full	6.67	/	/	<=13	Pass
	3500.01	Outer Full	6.45	/	/	<=13	Pass
	3537.48	Outer Full	6.46	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer Full	6.77	/	/	<=13	Pass
	3500.01	Outer Full	6.54	/	/	<=13	Pass
	3537.48	Outer Full	6.53	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer Full	6.57	/	/	<=13	Pass
	3500.01	Outer Full	6.45	/	/	<=13	Pass
	3537.48	Outer Full	6.42	/	/	<=13	Pass
CP-OFDM QPSK	3462.51	Outer Full	8.17	/	/	<=13	Pass
	3500.01	Outer Full	7.74	/	/	<=13	Pass
	3537.48	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM 16 QAM	3462.51	Outer Full	8.13	/	/	<=13	Pass
	3500.01	Outer Full	7.77	/	/	<=13	Pass
	3537.48	Outer Full	7.80	/	/	<=13	Pass
CP-OFDM 64 QAM	3462.51	Outer Full	8.09	/	/	<=13	Pass
	3500.01	Outer Full	7.80	/	/	<=13	Pass
	3537.48	Outer Full	7.76	/	/	<=13	Pass

CP-OFDM 256 QAM	3462.51	Outer Full	8.20	/	/	<=13	Pass
	3500.01	Outer Full	8.10	/	/	<=13	Pass
	3537.48	Outer Full	8.05	/	/	<=13	Pass

5.1.12 30k_SISO_30MHz_NTNV

5G NR n77d SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3465	Outer Full	6.12	/	/	<=13	Pass
	3500.01	Outer Full	5.97	/	/	<=13	Pass
	3534.99	Outer Full	5.94	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3465	Outer Full	6.68	/	/	<=13	Pass
	3500.01	Outer Full	6.49	/	/	<=13	Pass
	3534.99	Outer Full	6.47	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3465	Outer Full	6.79	/	/	<=13	Pass
	3500.01	Outer Full	6.60	/	/	<=13	Pass
	3534.99	Outer Full	6.57	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3465	Outer Full	6.73	/	/	<=13	Pass
	3500.01	Outer Full	6.63	/	/	<=13	Pass
	3534.99	Outer Full	6.63	/	/	<=13	Pass
CP-OFDM QPSK	3465	Outer Full	8.26	/	/	<=13	Pass
	3500.01	Outer Full	7.99	/	/	<=13	Pass
	3534.99	Outer Full	7.90	/	/	<=13	Pass
CP-OFDM 16 QAM	3465	Outer Full	8.24	/	/	<=13	Pass
	3500.01	Outer Full	8.02	/	/	<=13	Pass
	3534.99	Outer Full	7.98	/	/	<=13	Pass
CP-OFDM 64 QAM	3465	Outer Full	8.41	/	/	<=13	Pass
	3500.01	Outer Full	8.21	/	/	<=13	Pass
	3534.99	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 256 QAM	3465	Outer Full	8.12	/	/	<=13	Pass
	3500.01	Outer Full	7.96	/	/	<=13	Pass
	3534.99	Outer Full	7.97	/	/	<=13	Pass

5.1.13 30k_SISO_40MHz_NTNV

5G NR n77d SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3470.01	Outer Full	6.93	/	/	<=13	Pass
	3500.01	Outer Full	6.81	/	/	<=13	Pass
	3529.98	Outer Full	6.79	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer Full	7.53	/	/	<=13	Pass
	3500.01	Outer Full	7.43	/	/	<=13	Pass
	3529.98	Outer Full	7.44	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer Full	7.60	/	/	<=13	Pass
	3500.01	Outer Full	7.47	/	/	<=13	Pass
	3529.98	Outer Full	7.50	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer Full	7.58	/	/	<=13	Pass
	3500.01	Outer Full	7.54	/	/	<=13	Pass
	3529.98	Outer Full	7.54	/	/	<=13	Pass
CP-OFDM QPSK	3470.01	Outer Full	8.61	/	/	<=13	Pass
	3500.01	Outer Full	8.48	/	/	<=13	Pass
	3529.98	Outer Full	8.55	/	/	<=13	Pass
CP-OFDM 16 QAM	3470.01	Outer Full	8.72	/	/	<=13	Pass

CP-OFDM 64 QAM	3500.01	Outer Full	8.55	/	/	<=13	Pass
	3529.98	Outer Full	8.51	/	/	<=13	Pass
	3470.01	Outer Full	8.57	/	/	<=13	Pass
	3500.01	Outer Full	8.51	/	/	<=13	Pass
	3529.98	Outer Full	8.49	/	/	<=13	Pass
CP-OFDM 256 QAM	3470.01	Outer Full	8.53	/	/	<=13	Pass
	3500.01	Outer Full	8.48	/	/	<=13	Pass
	3529.98	Outer Full	8.50	/	/	<=13	Pass

5.1.14 30k_SISO_50MHz_NTNV

5G NR n77d SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3475.02	Outer Full	7.28	/	/	<=13	Pass
	3500.01	Outer Full	7.23	/	/	<=13	Pass
	3525	Outer Full	7.22	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer Full	7.75	/	/	<=13	Pass
	3500.01	Outer Full	7.53	/	/	<=13	Pass
	3525	Outer Full	7.67	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer Full	7.83	/	/	<=13	Pass
	3500.01	Outer Full	7.71	/	/	<=13	Pass
	3525	Outer Full	7.73	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer Full	7.57	/	/	<=13	Pass
	3500.01	Outer Full	7.56	/	/	<=13	Pass
	3525	Outer Full	7.60	/	/	<=13	Pass
CP-OFDM QPSK	3475.02	Outer Full	8.57	/	/	<=13	Pass
	3500.01	Outer Full	8.52	/	/	<=13	Pass
	3525	Outer Full	8.42	/	/	<=13	Pass
CP-OFDM 16 QAM	3475.02	Outer Full	8.56	/	/	<=13	Pass
	3500.01	Outer Full	8.53	/	/	<=13	Pass
	3525	Outer Full	8.54	/	/	<=13	Pass
CP-OFDM 64 QAM	3475.02	Outer Full	8.73	/	/	<=13	Pass
	3500.01	Outer Full	8.65	/	/	<=13	Pass
	3525	Outer Full	8.59	/	/	<=13	Pass
CP-OFDM 256 QAM	3475.02	Outer Full	8.58	/	/	<=13	Pass
	3500.01	Outer Full	8.53	/	/	<=13	Pass
	3525	Outer Full	8.53	/	/	<=13	Pass

5.1.15 30k_SISO_60MHz_NTNV

5G NR n77d SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3480	Outer Full	7.29	/	/	<=13	Pass
	3500.01	Outer Full	7.25	/	/	<=13	Pass
	3519.99	Outer Full	7.23	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3480	Outer Full	7.54	/	/	<=13	Pass
	3500.01	Outer Full	7.50	/	/	<=13	Pass
	3519.99	Outer Full	7.54	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3480	Outer Full	7.58	/	/	<=13	Pass
	3500.01	Outer Full	7.52	/	/	<=13	Pass
	3519.99	Outer Full	7.51	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3480	Outer Full	7.50	/	/	<=13	Pass
	3500.01	Outer Full	7.48	/	/	<=13	Pass

	3519.99	Outer Full	7.47	/	/	<=13	Pass
CP-OFDM QPSK	3480	Outer Full	8.35	/	/	<=13	Pass
	3500.01	Outer Full	8.38	/	/	<=13	Pass
	3519.99	Outer Full	8.29	/	/	<=13	Pass
CP-OFDM 16 QAM	3480	Outer Full	8.41	/	/	<=13	Pass
	3500.01	Outer Full	8.31	/	/	<=13	Pass
	3519.99	Outer Full	8.28	/	/	<=13	Pass
CP-OFDM 64 QAM	3480	Outer Full	8.43	/	/	<=13	Pass
	3500.01	Outer Full	8.39	/	/	<=13	Pass
	3519.99	Outer Full	8.36	/	/	<=13	Pass
CP-OFDM 256 QAM	3480	Outer Full	8.41	/	/	<=13	Pass
	3500.01	Outer Full	8.41	/	/	<=13	Pass
	3519.99	Outer Full	8.38	/	/	<=13	Pass

5.1.16 30k_SISO_70MHz_NTNV

5G NR n77d SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3485.01	Outer Full	7.19	/	/	<=13	Pass
	3500.01	Outer Full	7.13	/	/	<=13	Pass
	3514.98	Outer Full	7.15	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer Full	7.70	/	/	<=13	Pass
	3500.01	Outer Full	7.68	/	/	<=13	Pass
	3514.98	Outer Full	7.71	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer Full	7.67	/	/	<=13	Pass
	3500.01	Outer Full	7.64	/	/	<=13	Pass
	3514.98	Outer Full	7.64	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer Full	7.61	/	/	<=13	Pass
	3500.01	Outer Full	7.59	/	/	<=13	Pass
	3514.98	Outer Full	7.57	/	/	<=13	Pass
CP-OFDM QPSK	3485.01	Outer Full	8.34	/	/	<=13	Pass
	3500.01	Outer Full	8.30	/	/	<=13	Pass
	3514.98	Outer Full	8.31	/	/	<=13	Pass
CP-OFDM 16 QAM	3485.01	Outer Full	8.34	/	/	<=13	Pass
	3500.01	Outer Full	8.29	/	/	<=13	Pass
	3514.98	Outer Full	8.33	/	/	<=13	Pass
CP-OFDM 64 QAM	3485.01	Outer Full	8.26	/	/	<=13	Pass
	3500.01	Outer Full	8.25	/	/	<=13	Pass
	3514.98	Outer Full	8.28	/	/	<=13	Pass
CP-OFDM 256 QAM	3485.01	Outer Full	8.27	/	/	<=13	Pass
	3500.01	Outer Full	8.24	/	/	<=13	Pass
	3514.98	Outer Full	8.23	/	/	<=13	Pass

5.1.17 30k_SISO_80MHz_NTNV

5G NR n77d SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3490.02	Outer Full	7.50	/	/	<=13	Pass
	3500.01	Outer Full	7.47	/	/	<=13	Pass
	3510	Outer Full	7.48	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer Full	7.72	/	/	<=13	Pass
	3500.01	Outer Full	7.71	/	/	<=13	Pass
	3510	Outer Full	7.71	/	/	<=13	Pass

DFT-s-OFDM 64 QAM	3490.02	Outer Full	7.78	/	/	<=13	Pass
	3500.01	Outer Full	7.75	/	/	<=13	Pass
	3510	Outer Full	7.75	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer Full	7.67	/	/	<=13	Pass
	3500.01	Outer Full	7.66	/	/	<=13	Pass
	3510	Outer Full	7.62	/	/	<=13	Pass
CP-OFDM QPSK	3490.02	Outer Full	8.27	/	/	<=13	Pass
	3500.01	Outer Full	8.26	/	/	<=13	Pass
	3510	Outer Full	8.28	/	/	<=13	Pass
CP-OFDM 16 QAM	3490.02	Outer Full	8.32	/	/	<=13	Pass
	3500.01	Outer Full	8.32	/	/	<=13	Pass
	3510	Outer Full	8.32	/	/	<=13	Pass
CP-OFDM 64 QAM	3490.02	Outer Full	8.44	/	/	<=13	Pass
	3500.01	Outer Full	8.40	/	/	<=13	Pass
	3510	Outer Full	8.41	/	/	<=13	Pass
CP-OFDM 256 QAM	3490.02	Outer Full	8.18	/	/	<=13	Pass
	3500.01	Outer Full	8.19	/	/	<=13	Pass
	3510	Outer Full	8.17	/	/	<=13	Pass

5.1.18 30k_SISO_90MHz_NTNV

5G NR n77d SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3495	Outer Full	7.52	/	/	<=13	Pass
	3500.01	Outer Full	7.48	/	/	<=13	Pass
	3504.99	Outer Full	7.50	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3495	Outer Full	7.77	/	/	<=13	Pass
	3500.01	Outer Full	7.72	/	/	<=13	Pass
	3504.99	Outer Full	7.74	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3495	Outer Full	7.83	/	/	<=13	Pass
	3500.01	Outer Full	7.80	/	/	<=13	Pass
	3504.99	Outer Full	7.81	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3495	Outer Full	7.79	/	/	<=13	Pass
	3500.01	Outer Full	7.77	/	/	<=13	Pass
	3504.99	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM QPSK	3495	Outer Full	8.29	/	/	<=13	Pass
	3500.01	Outer Full	8.15	/	/	<=13	Pass
	3504.99	Outer Full	8.27	/	/	<=13	Pass
CP-OFDM 16 QAM	3495	Outer Full	8.27	/	/	<=13	Pass
	3500.01	Outer Full	8.25	/	/	<=13	Pass
	3504.99	Outer Full	8.26	/	/	<=13	Pass
CP-OFDM 64 QAM	3495	Outer Full	8.34	/	/	<=13	Pass
	3500.01	Outer Full	8.32	/	/	<=13	Pass
	3504.99	Outer Full	8.34	/	/	<=13	Pass
CP-OFDM 256 QAM	3495	Outer Full	8.26	/	/	<=13	Pass
	3500.01	Outer Full	8.27	/	/	<=13	Pass
	3504.99	Outer Full	8.28	/	/	<=13	Pass

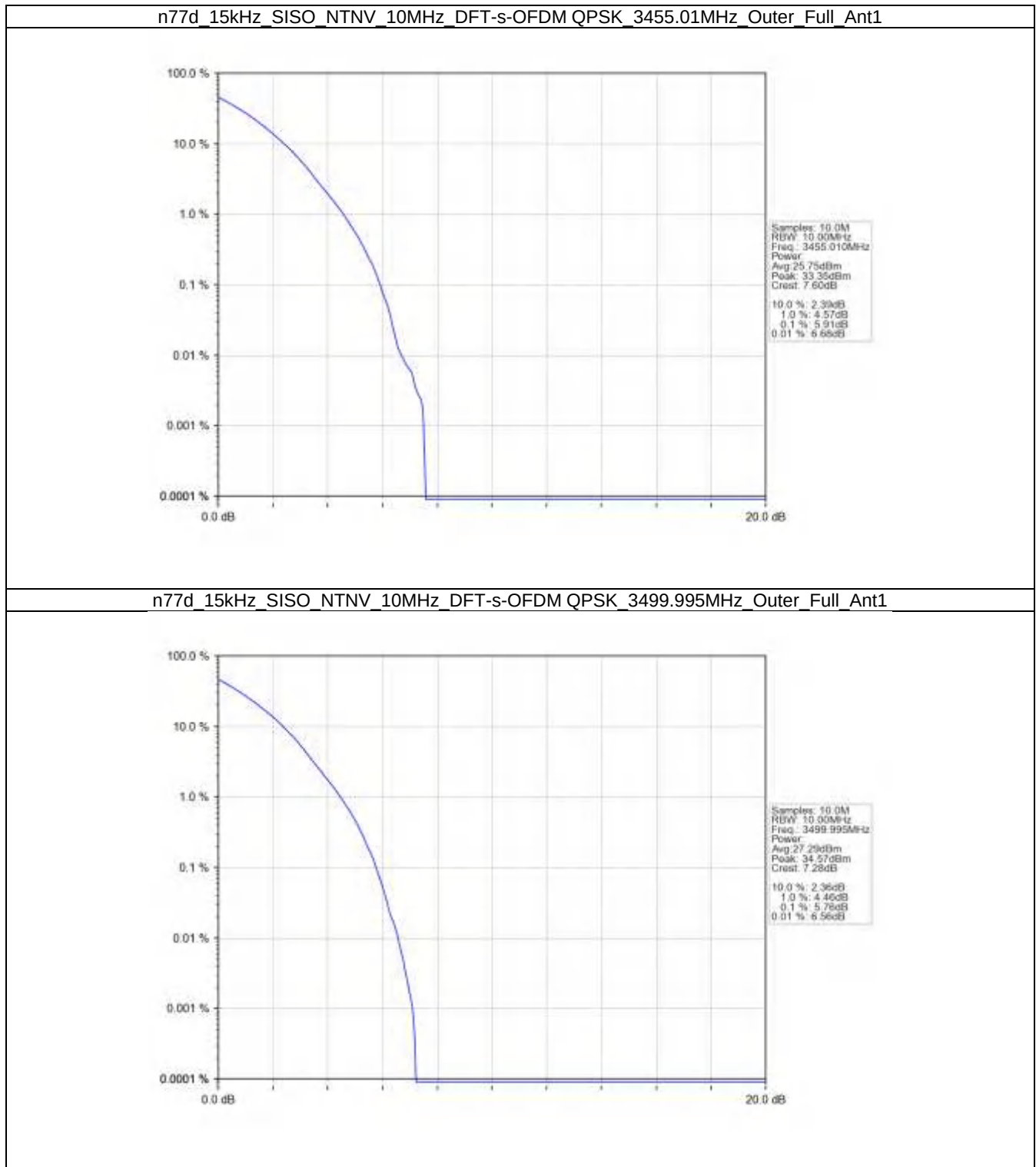
5.1.19 30k_SISO_100MHz_NTNV

5G NR n77d SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3500.01	Outer Full	7.64	/	/	<=13	Pass

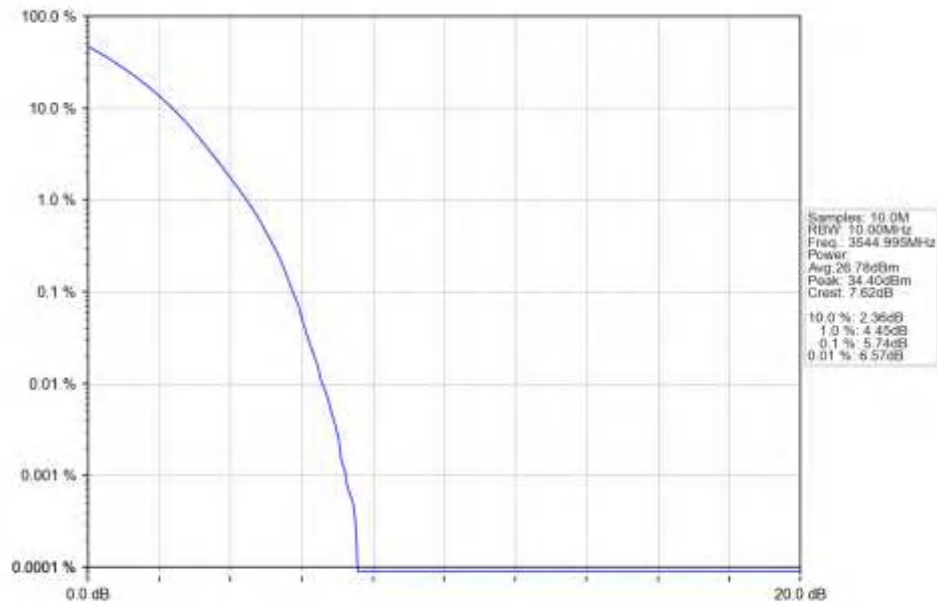
DFT-s-OFDM 16 QAM	3500.01	Outer Full	7.82	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	7.81	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	8.04	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer Full	8.50	/	/	<=13	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	8.52	/	/	<=13	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	8.38	/	/	<=13	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	8.14	/	/	<=13	Pass

5.2 Test Graph

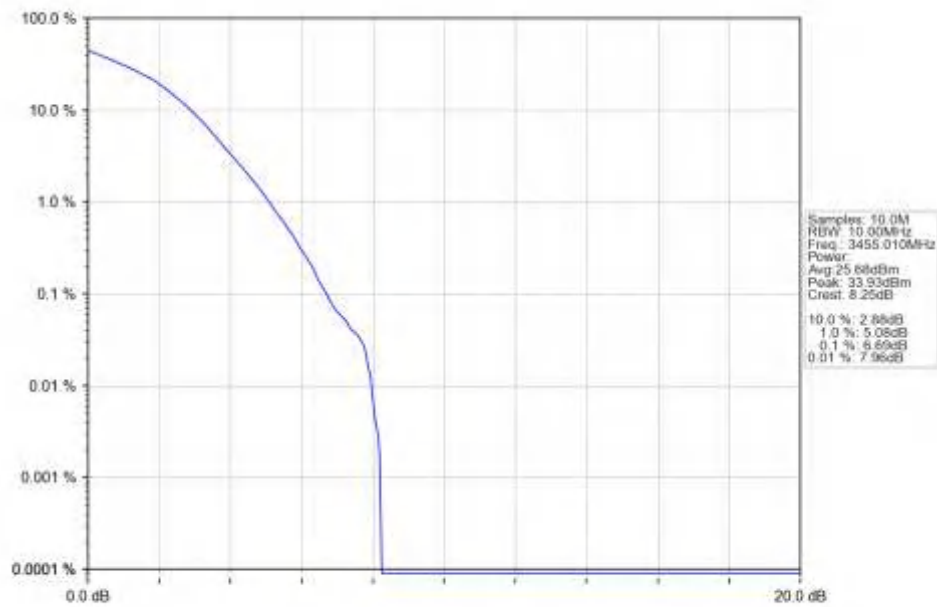
5.2.1 15k_SISO_10MHz_NTNV



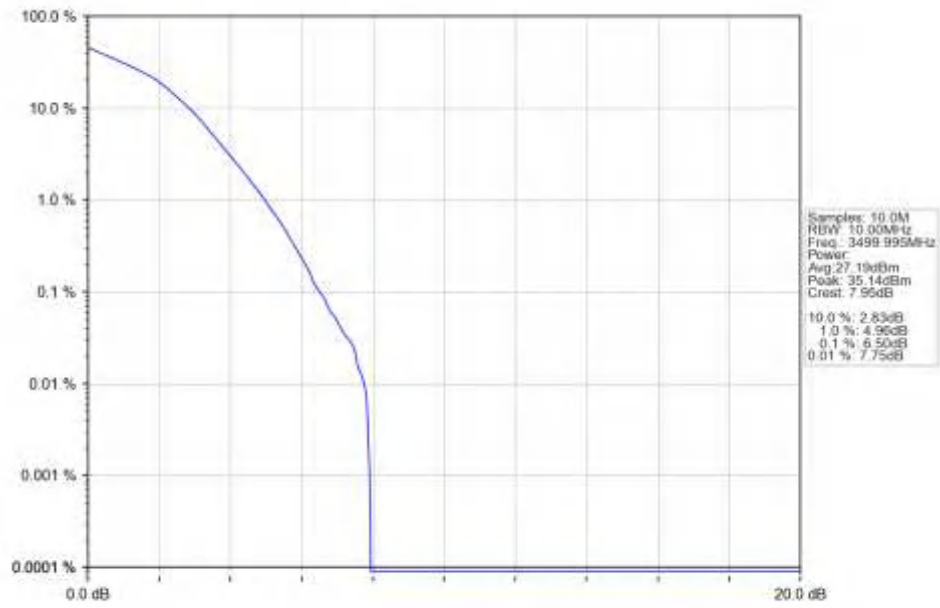
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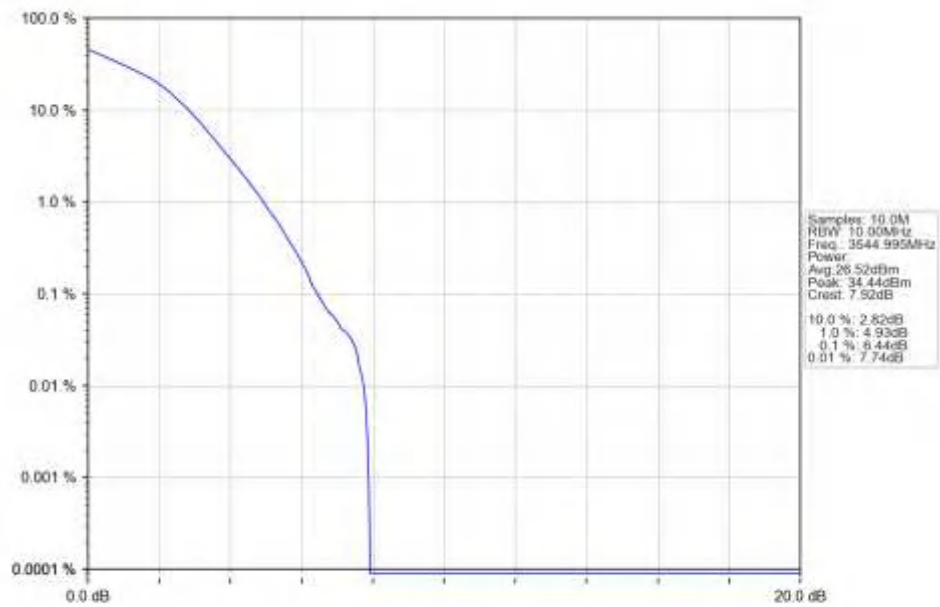
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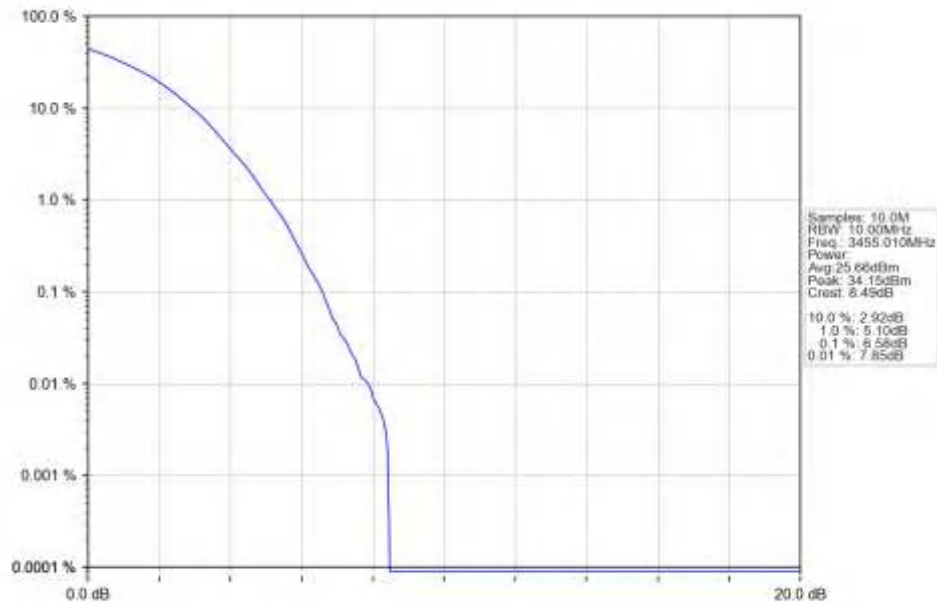
n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3499.995MHz_Outer_Full_Ant1



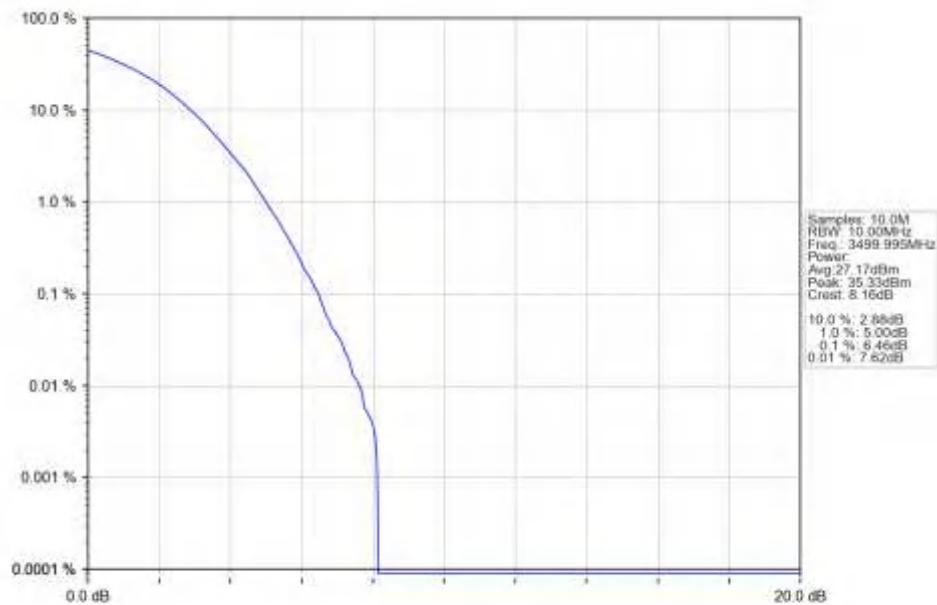
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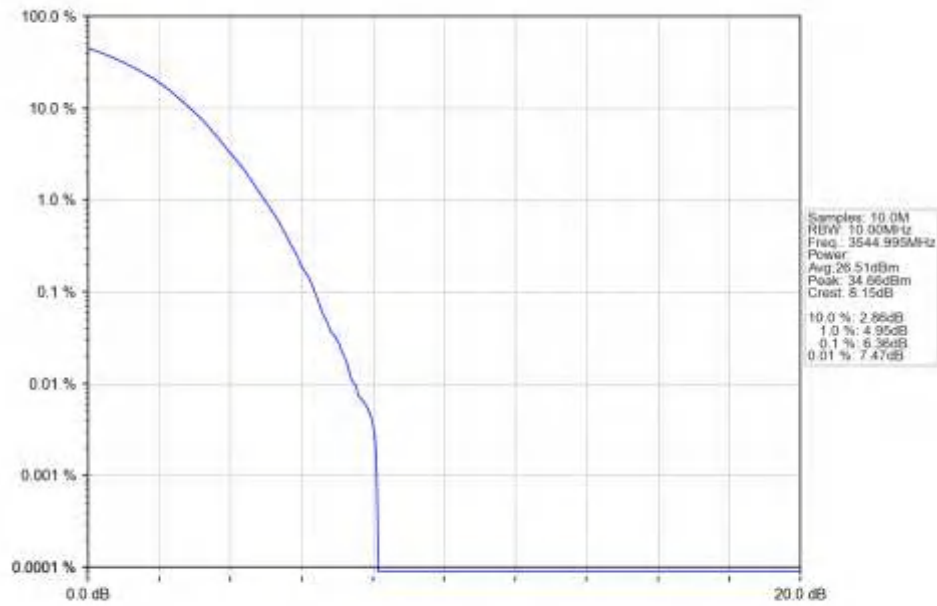
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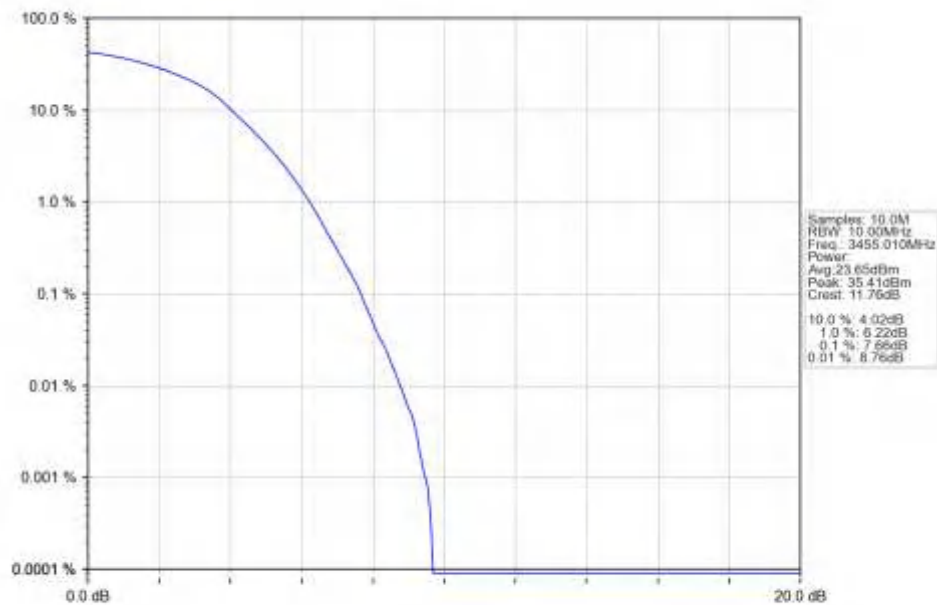
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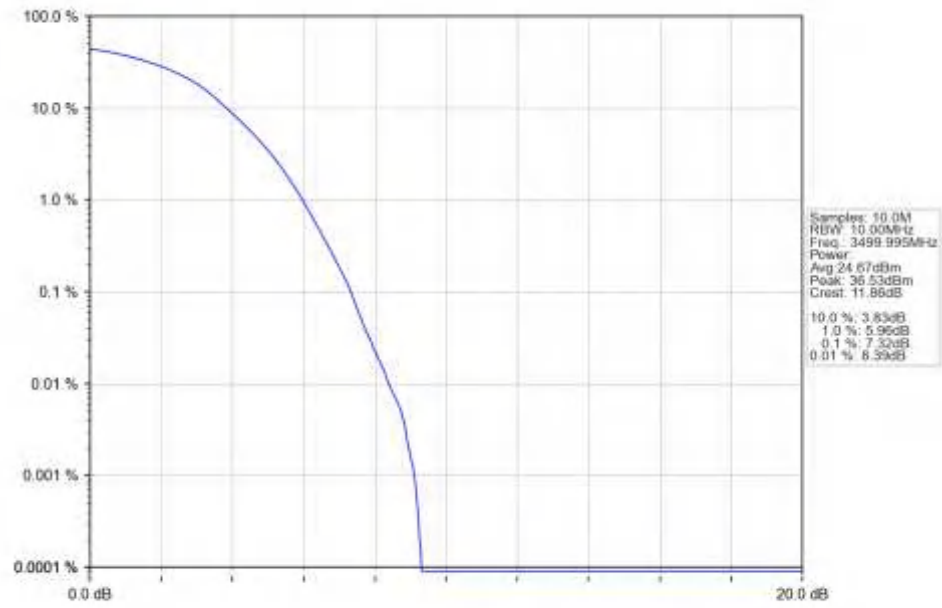
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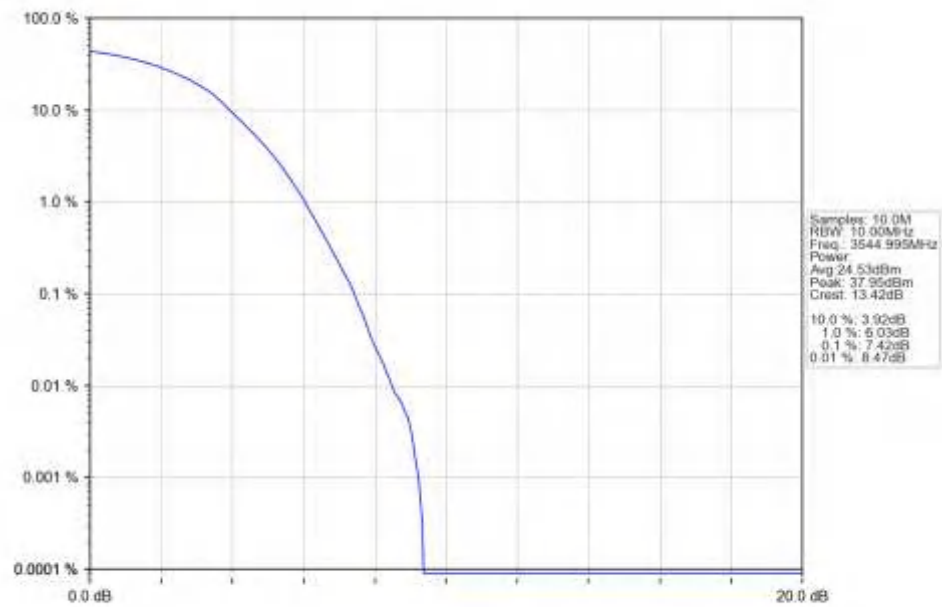
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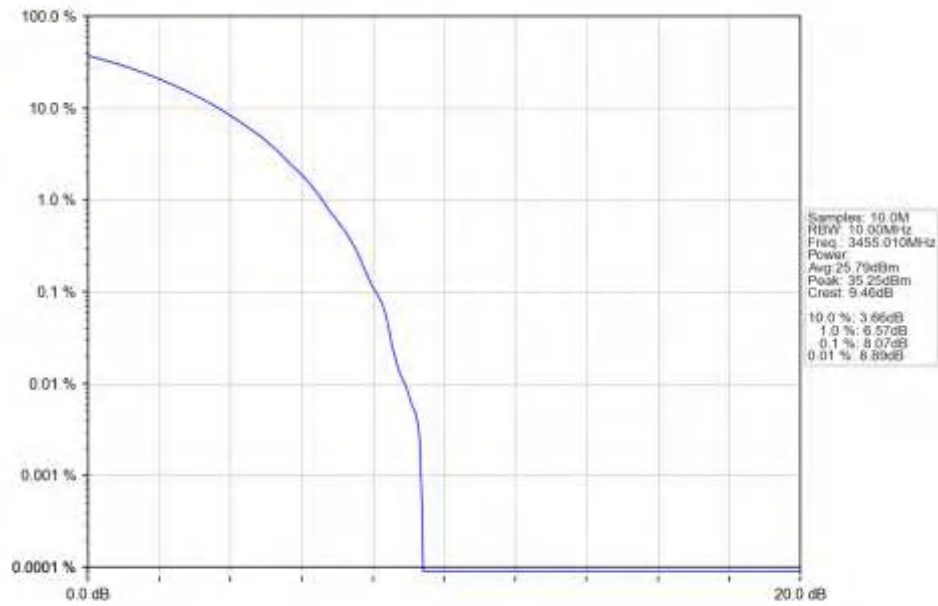
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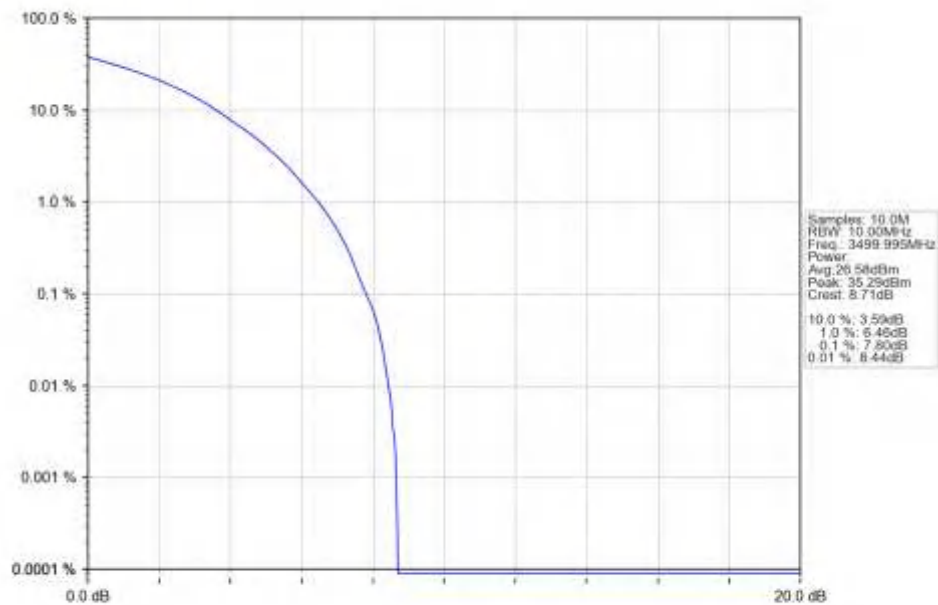
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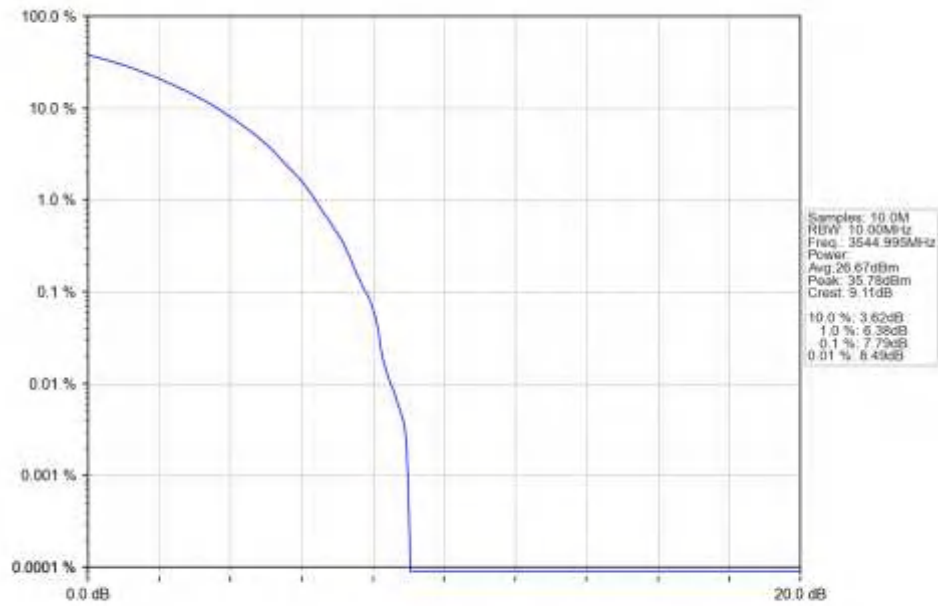
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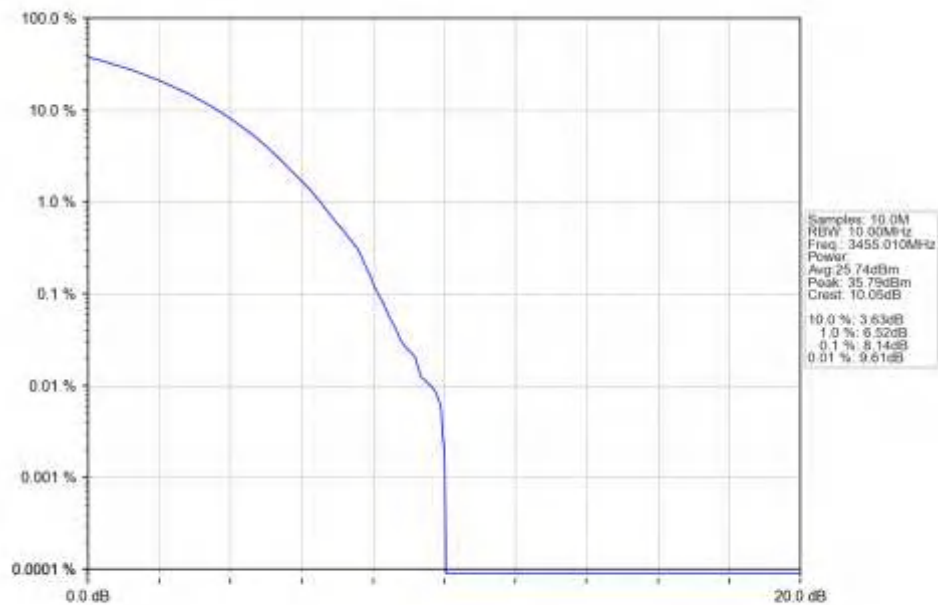
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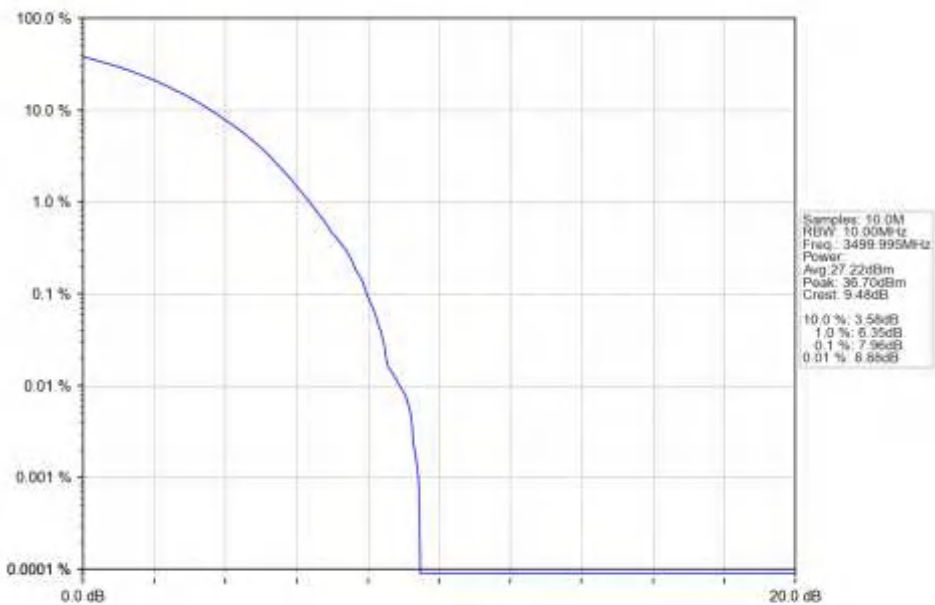
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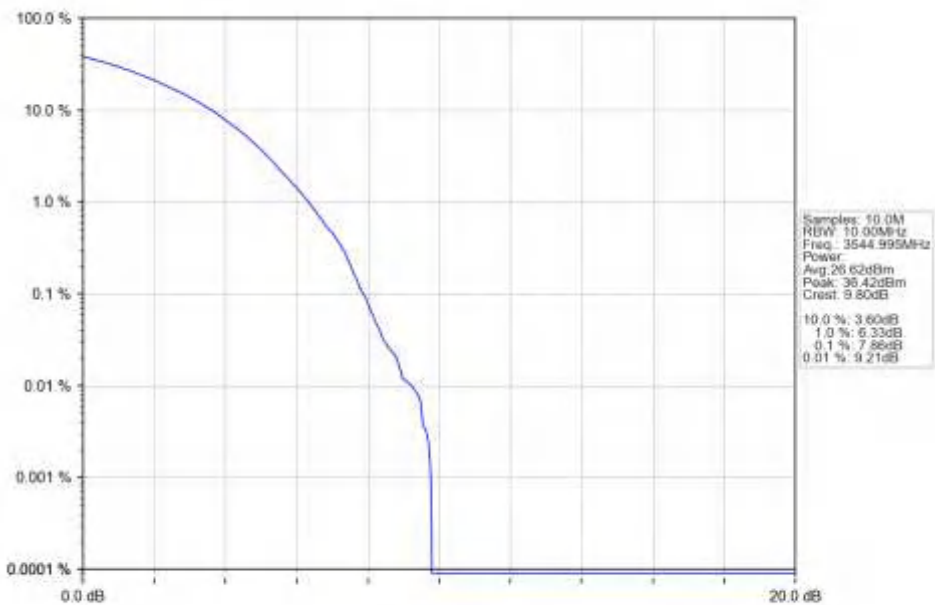
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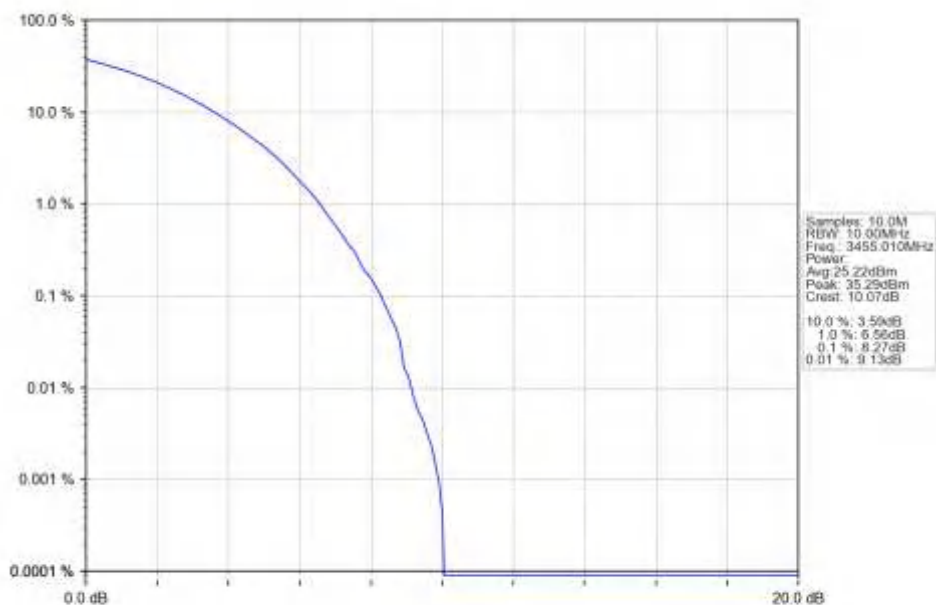
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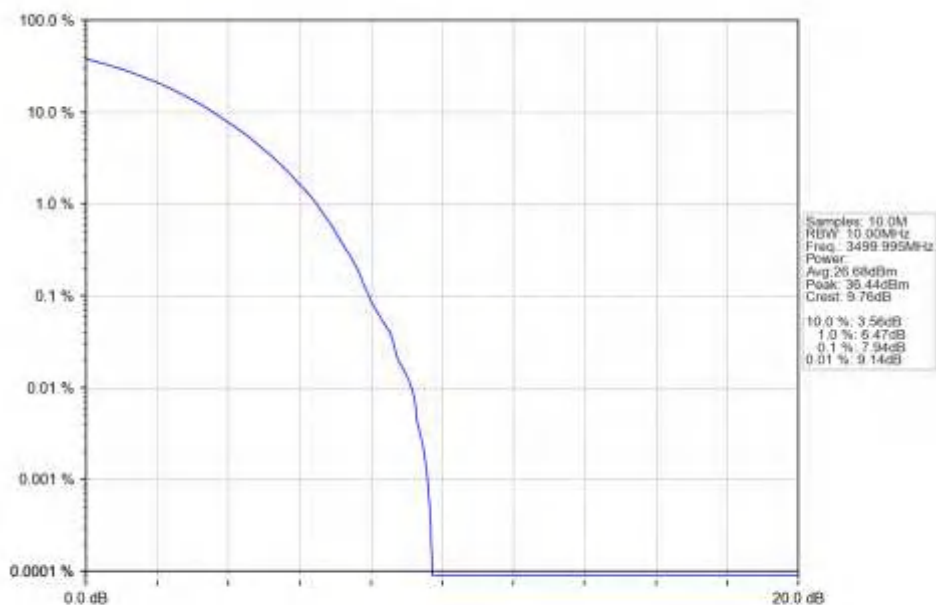
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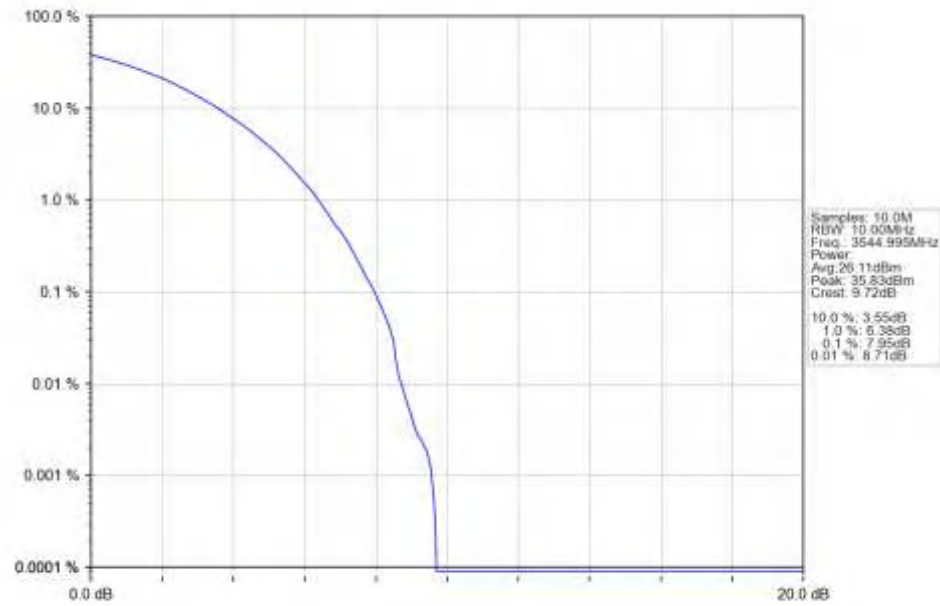
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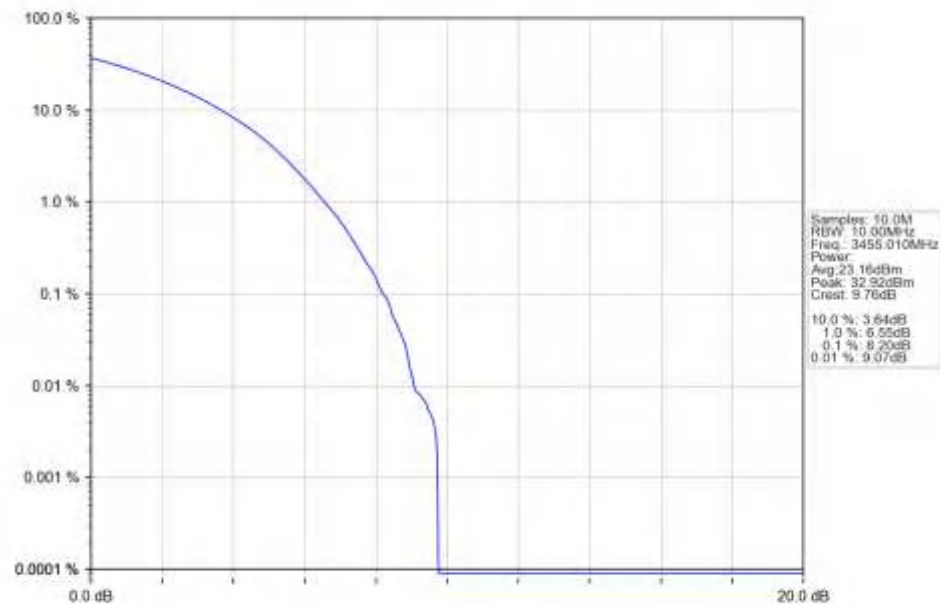
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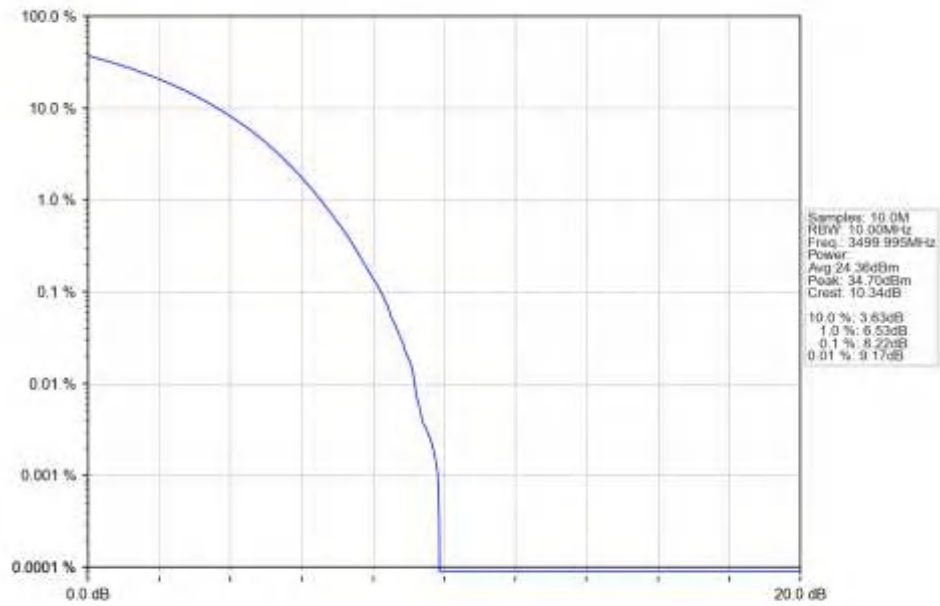
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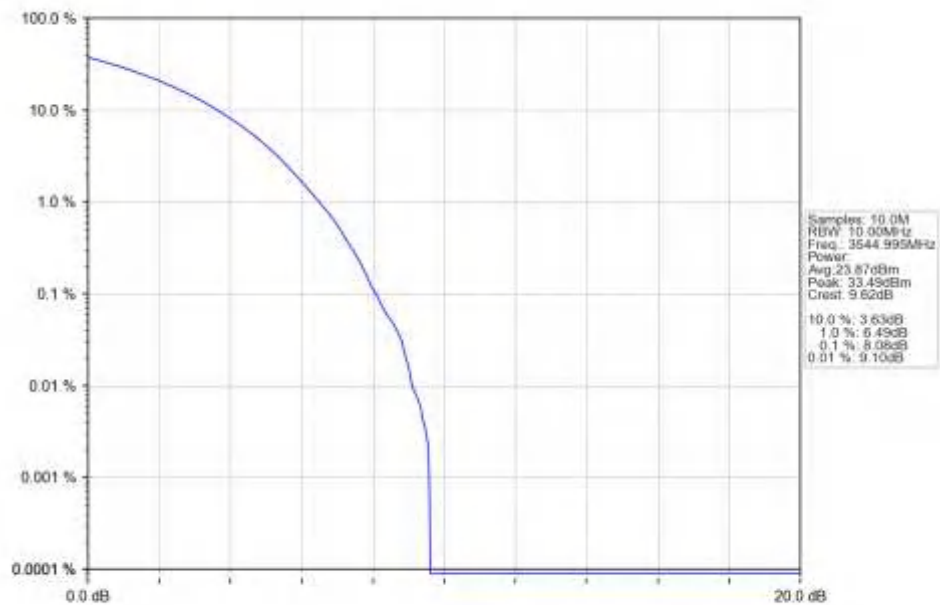
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3499.995MHz_Outer_Full_Ant1

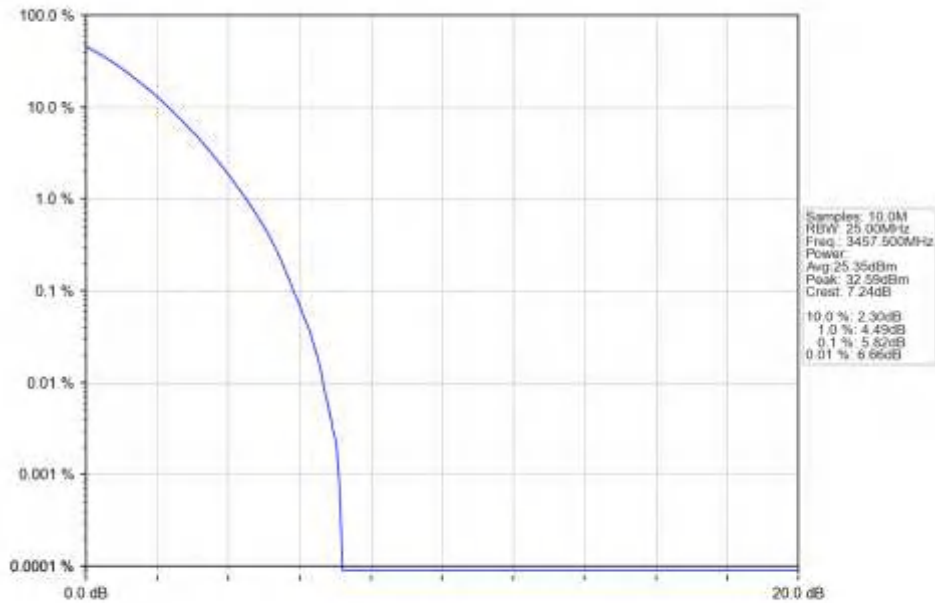


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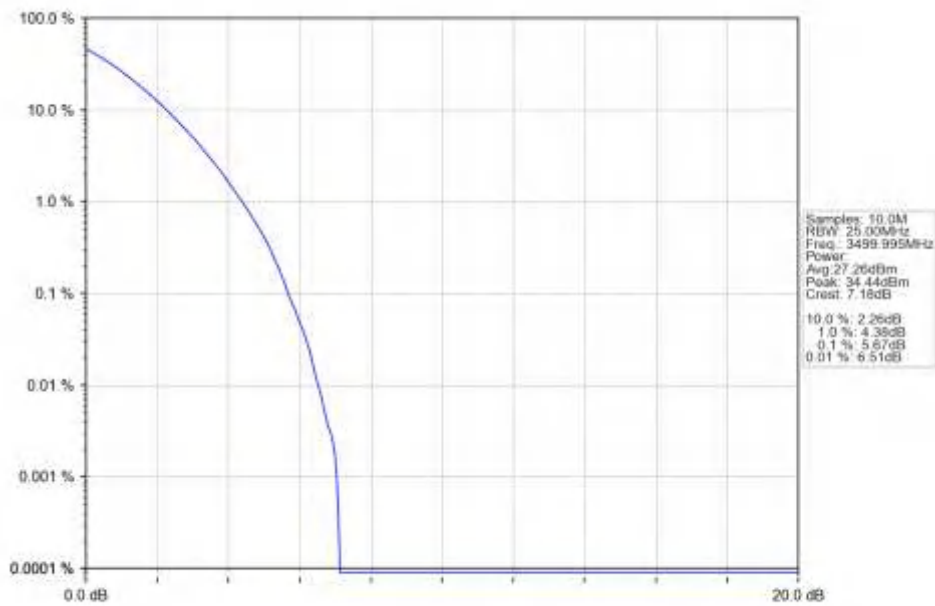


5.2.2 15k_SISO_15MHz_NTNV

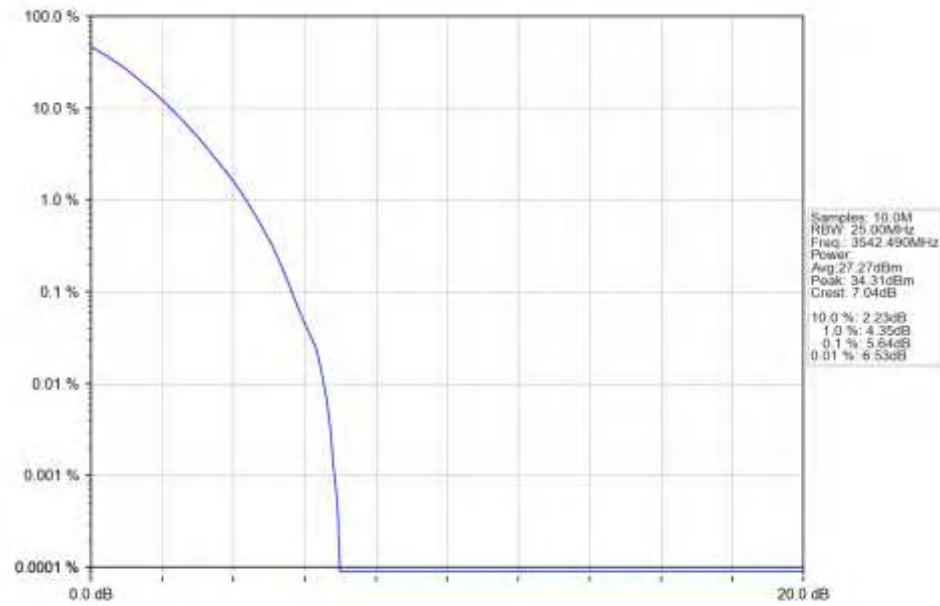
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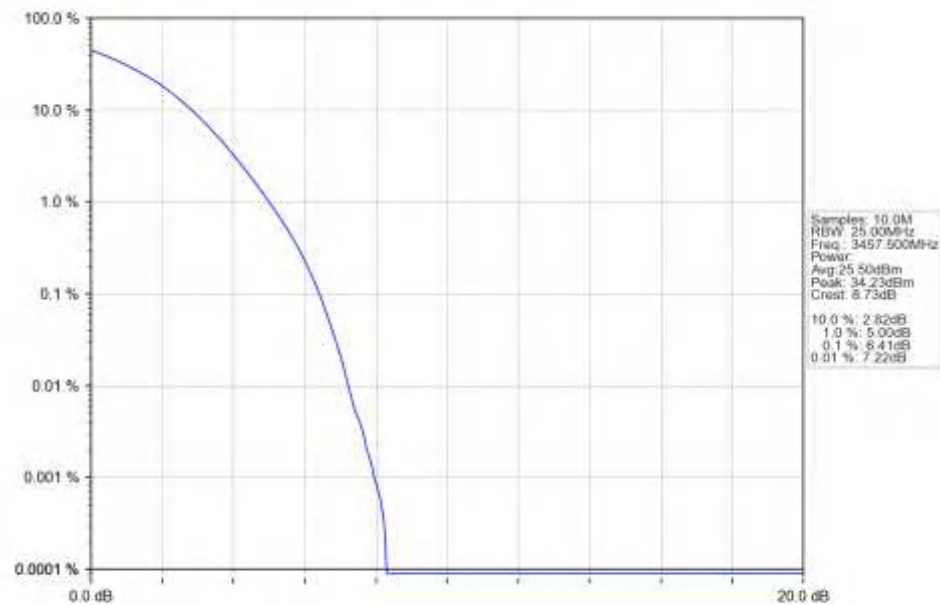
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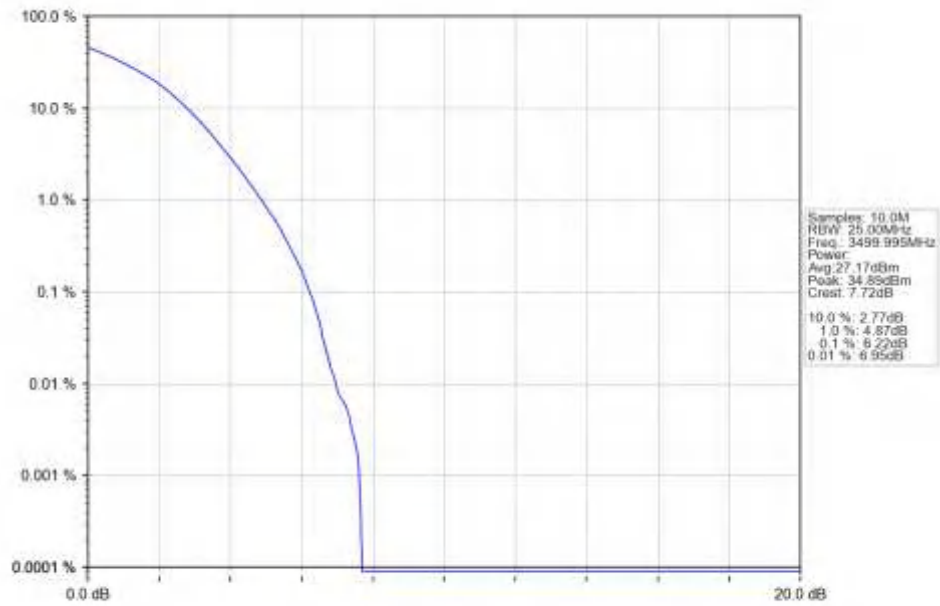
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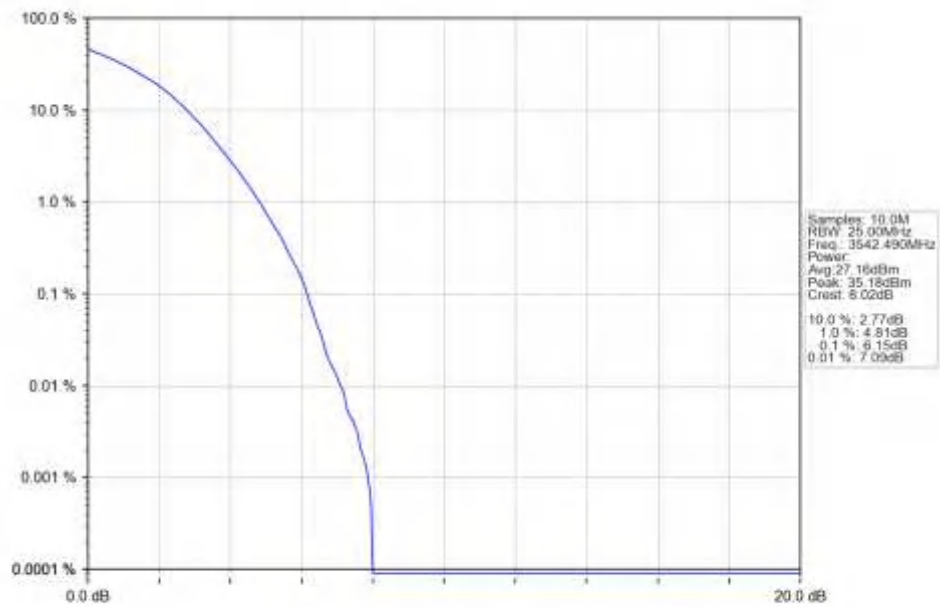
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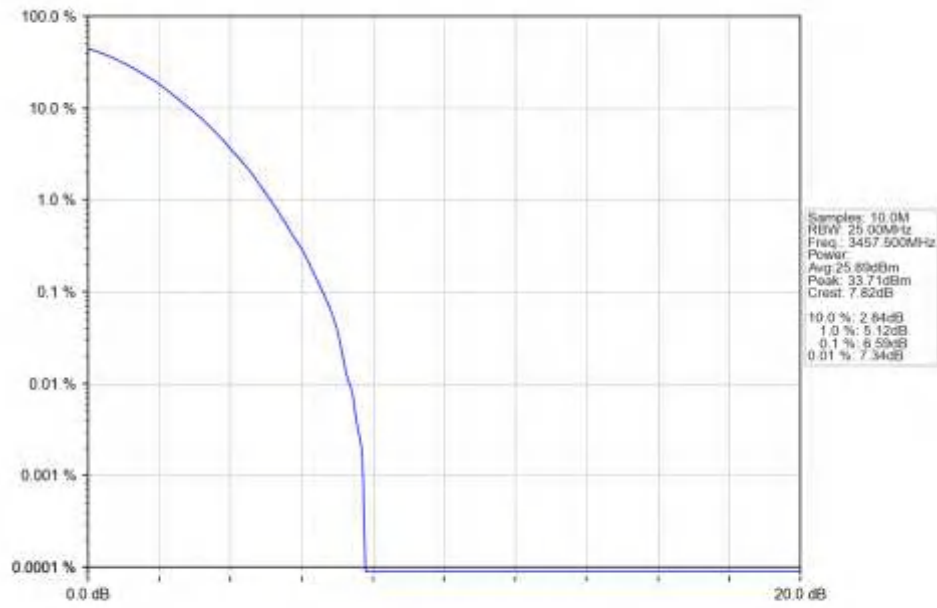
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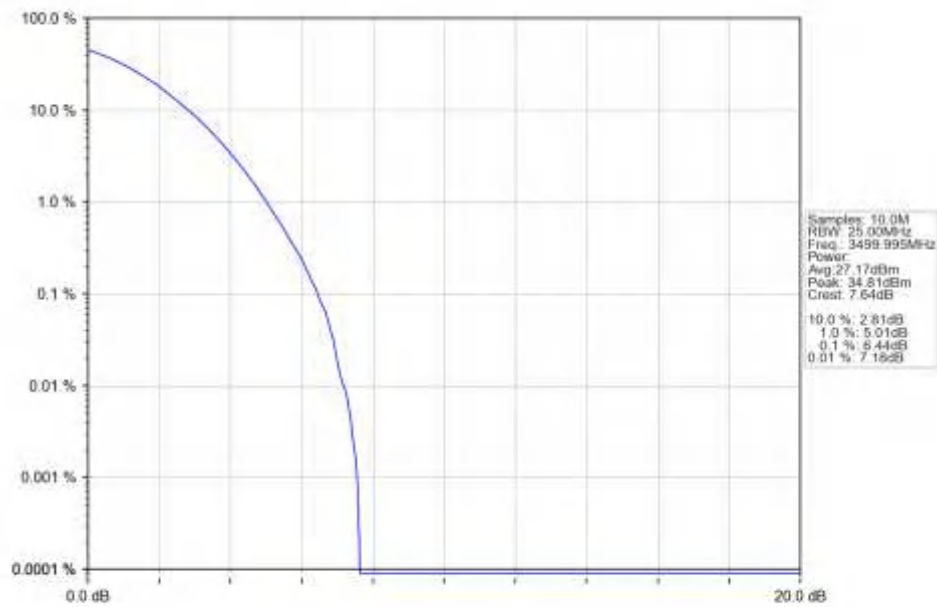
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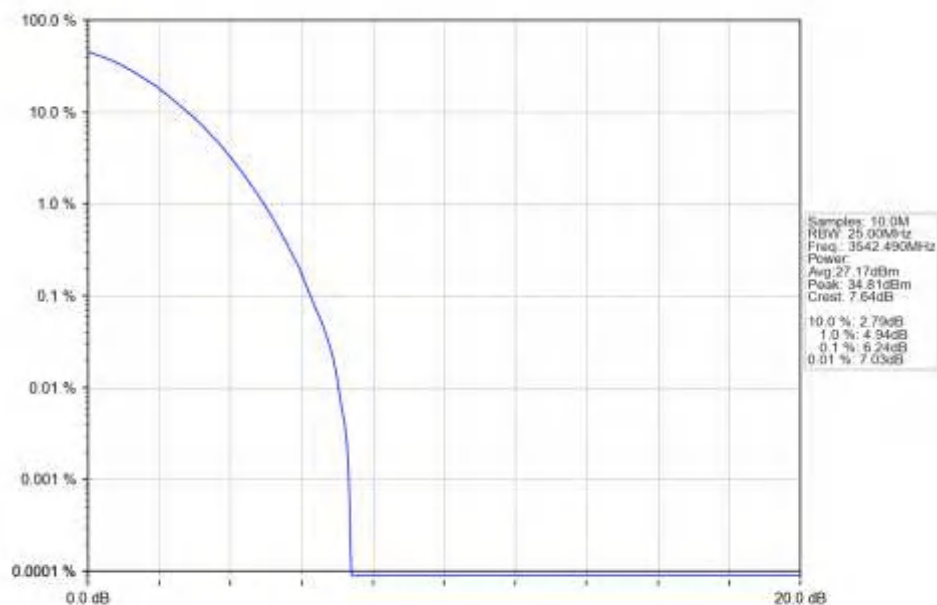
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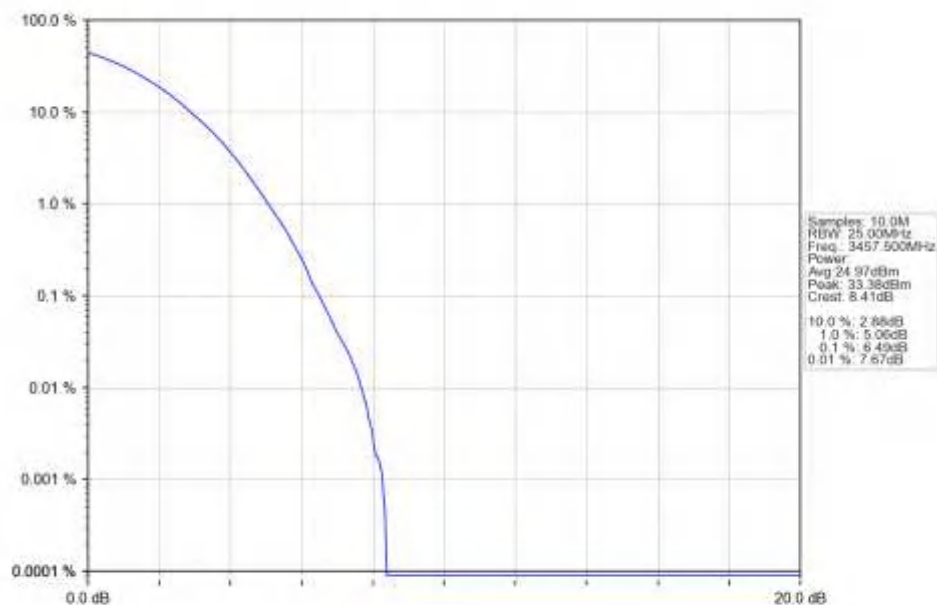
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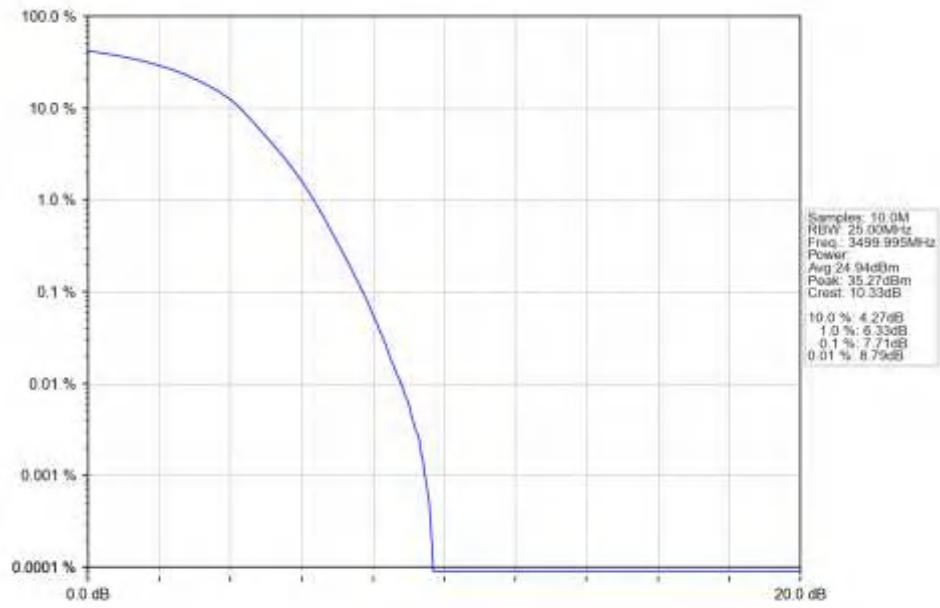
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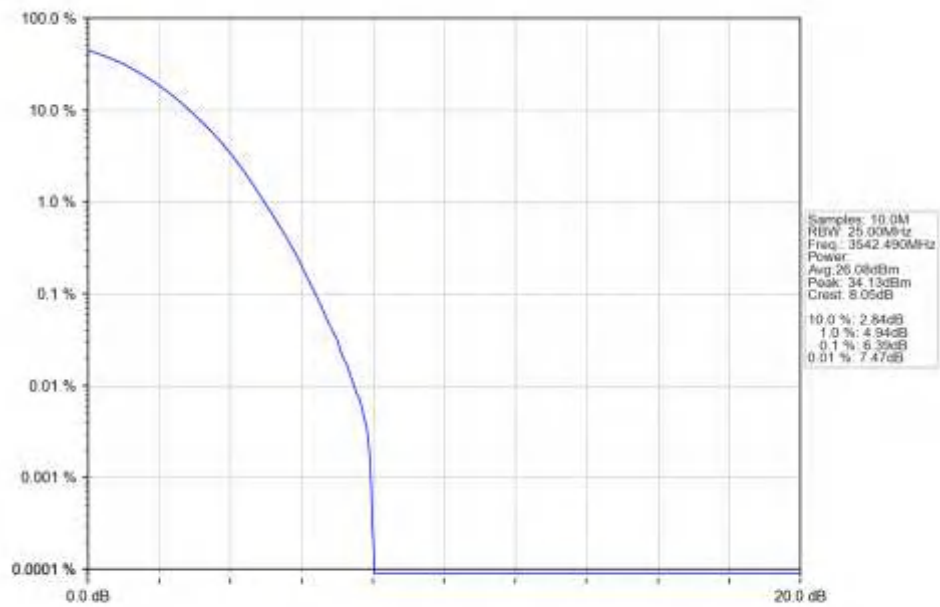
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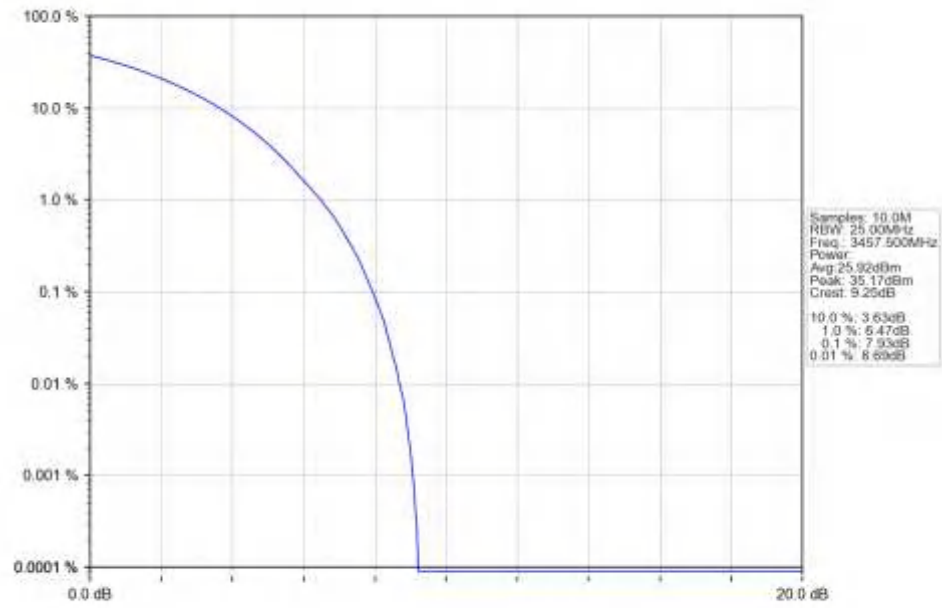
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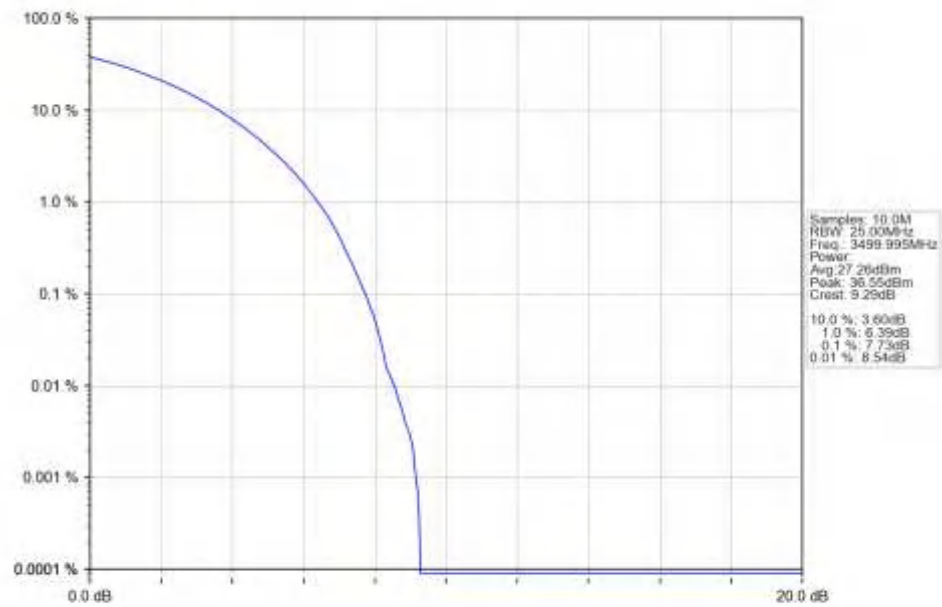
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3457.5MHz_Outer_Full_Ant1



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3499.995MHz_Outer_Full_Ant1



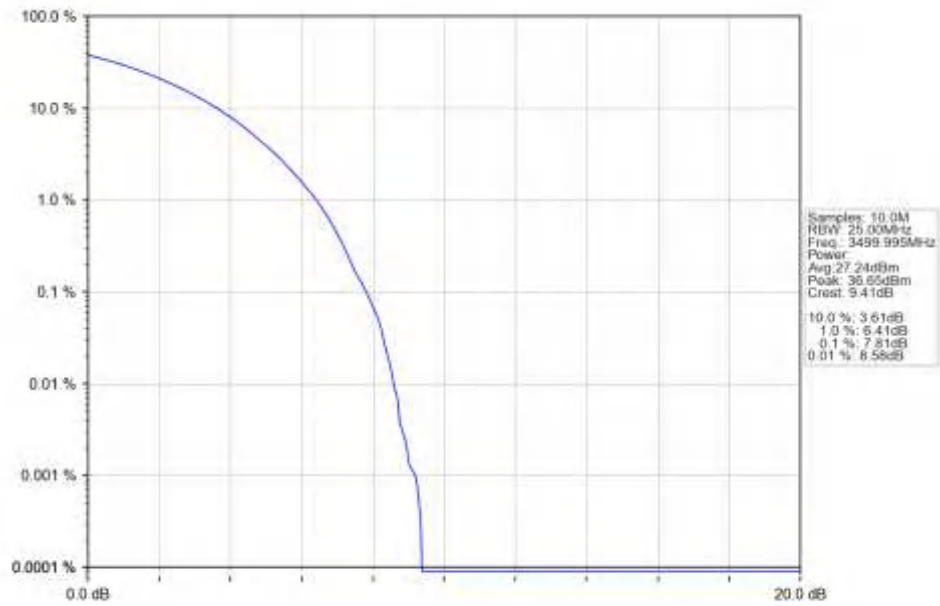
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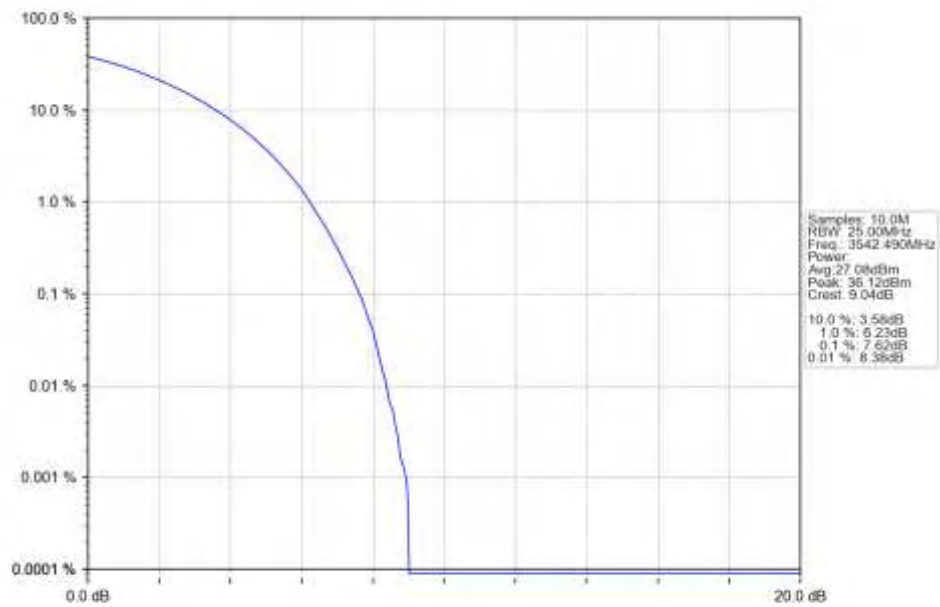
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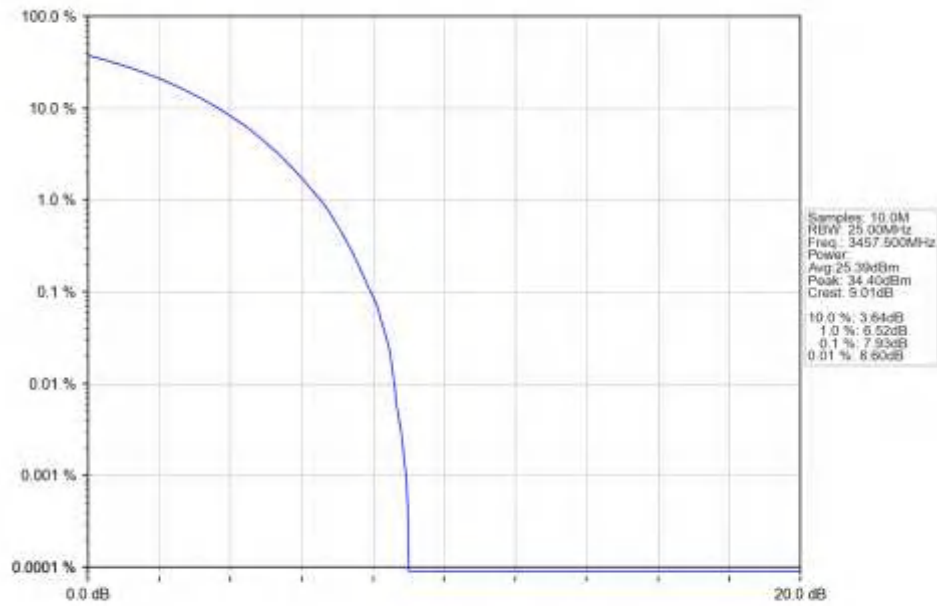
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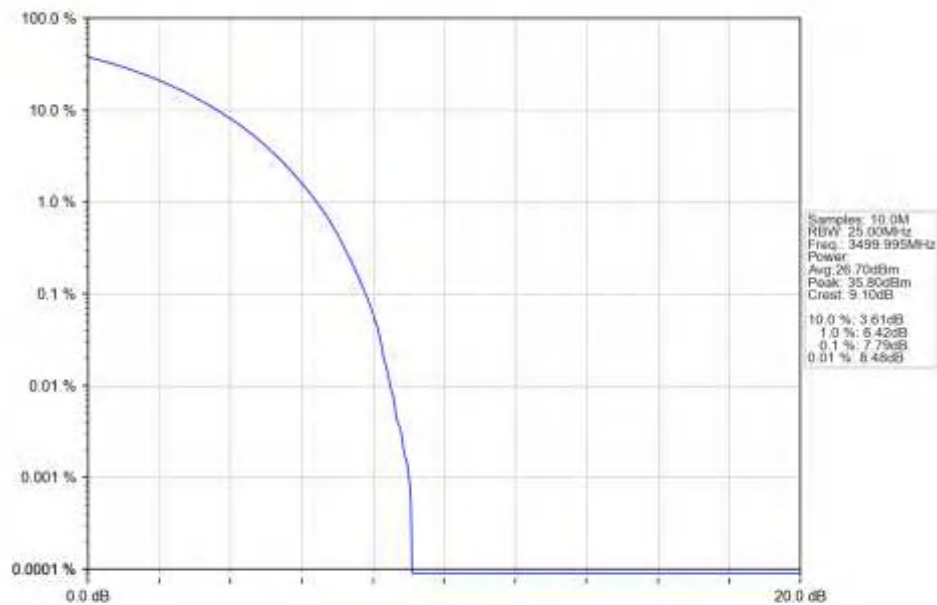
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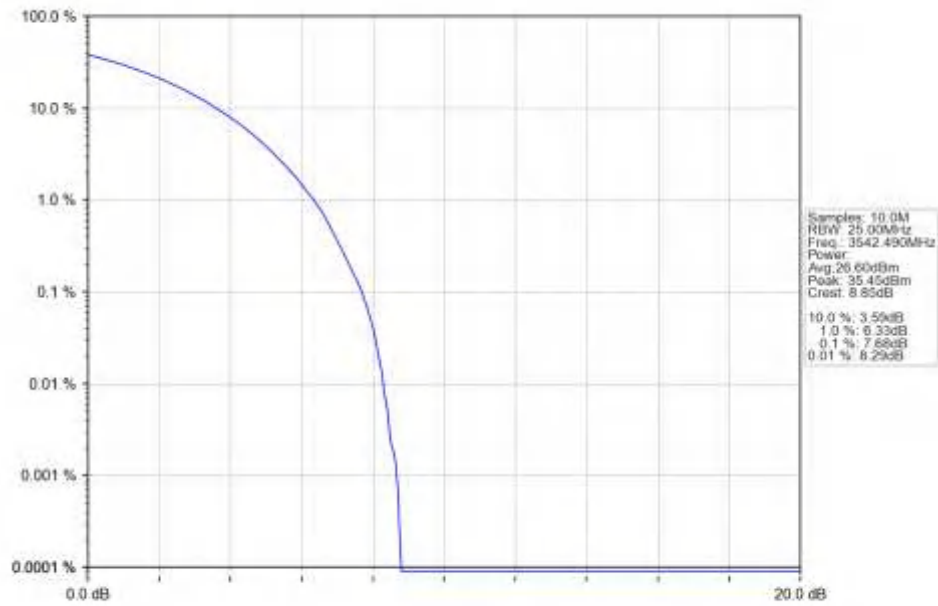
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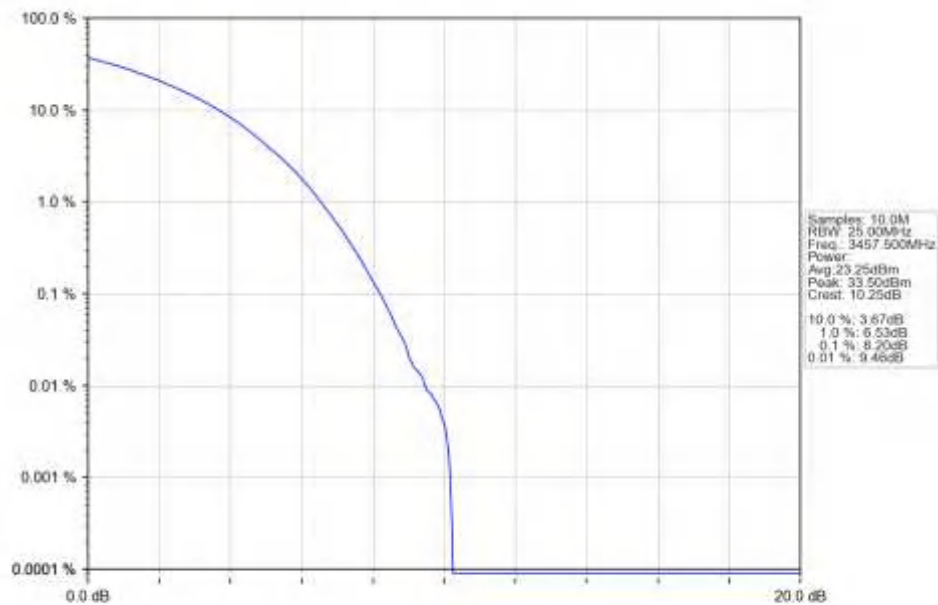
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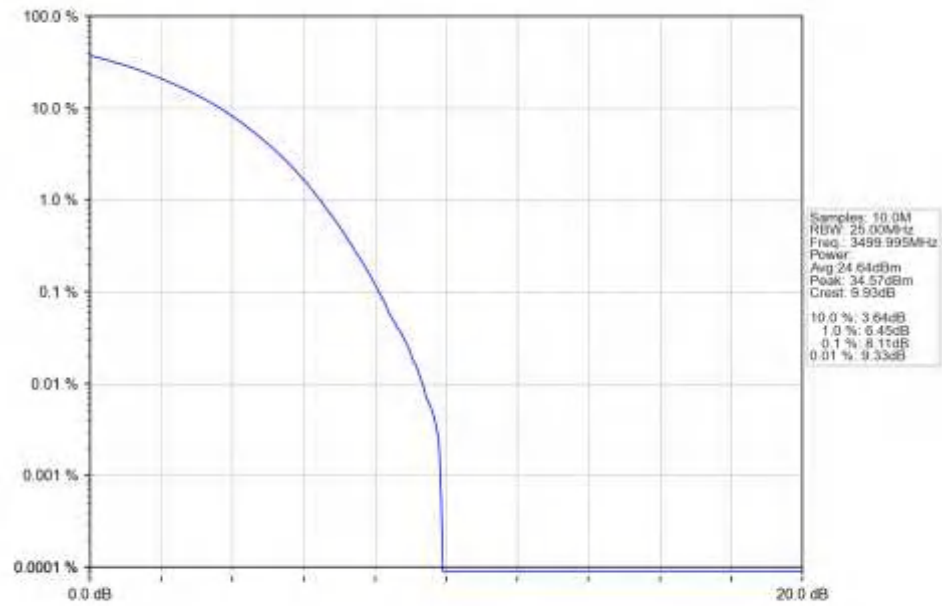
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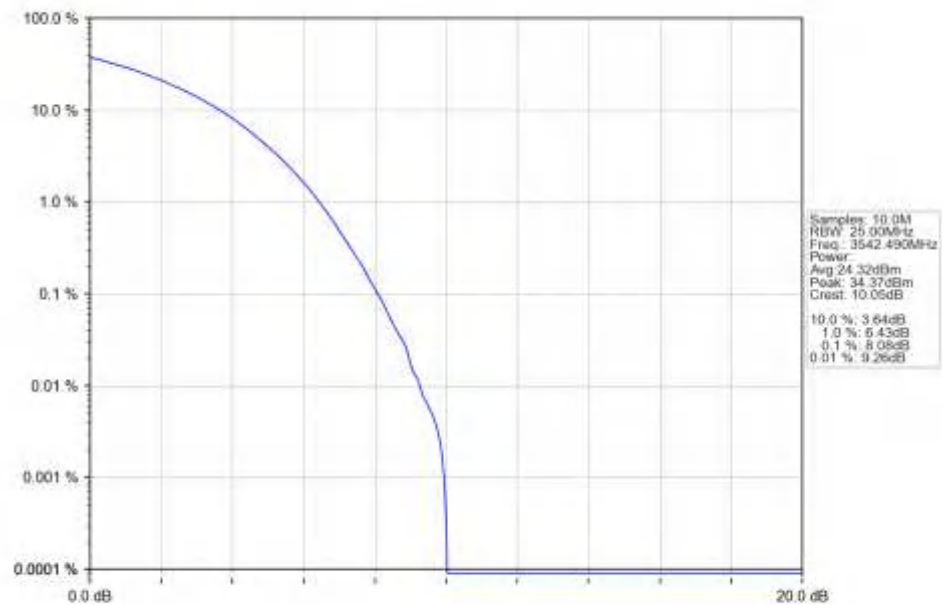
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3499.995MHz_Outer_Full_Ant1

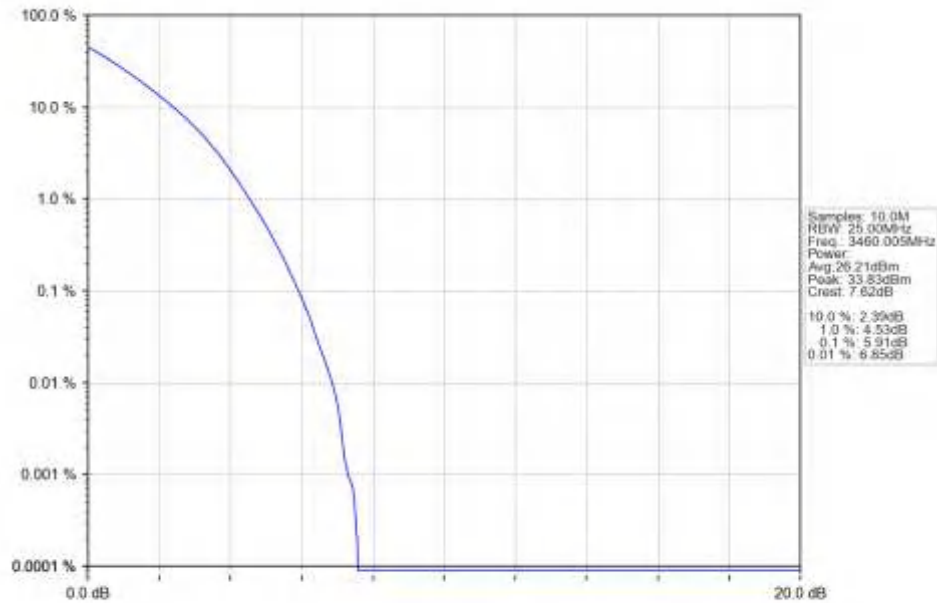


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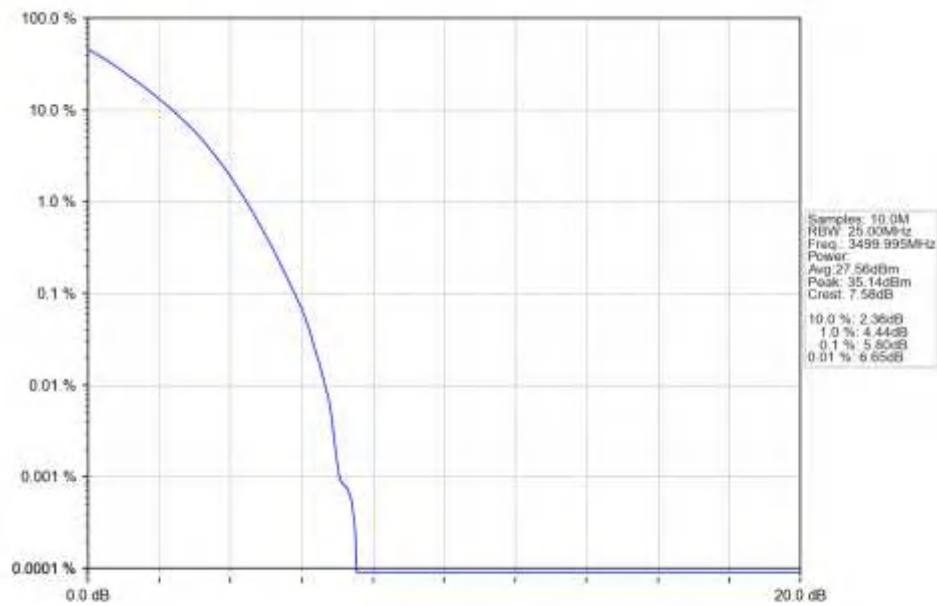


5.2.3 15k_SISO_20MHz_NTNV

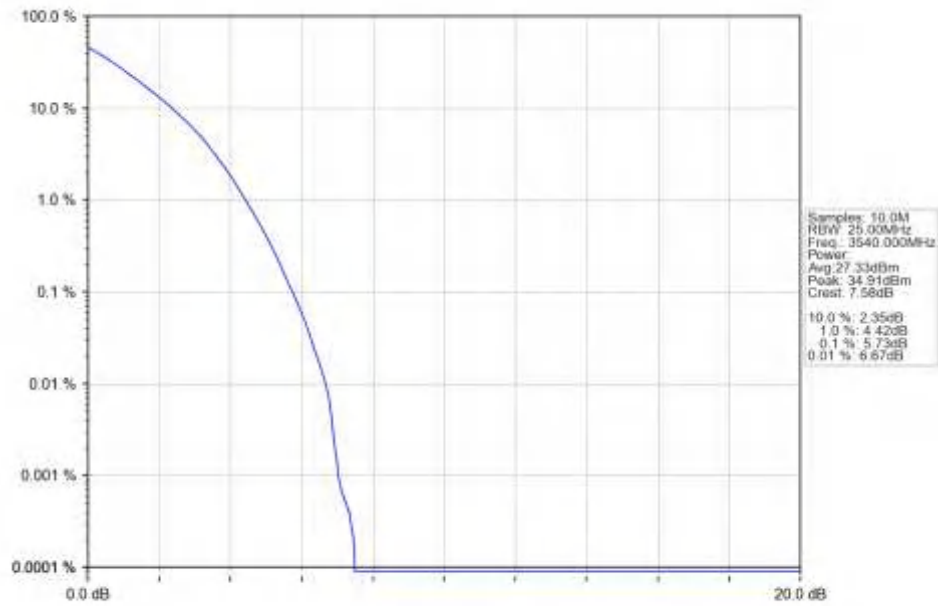
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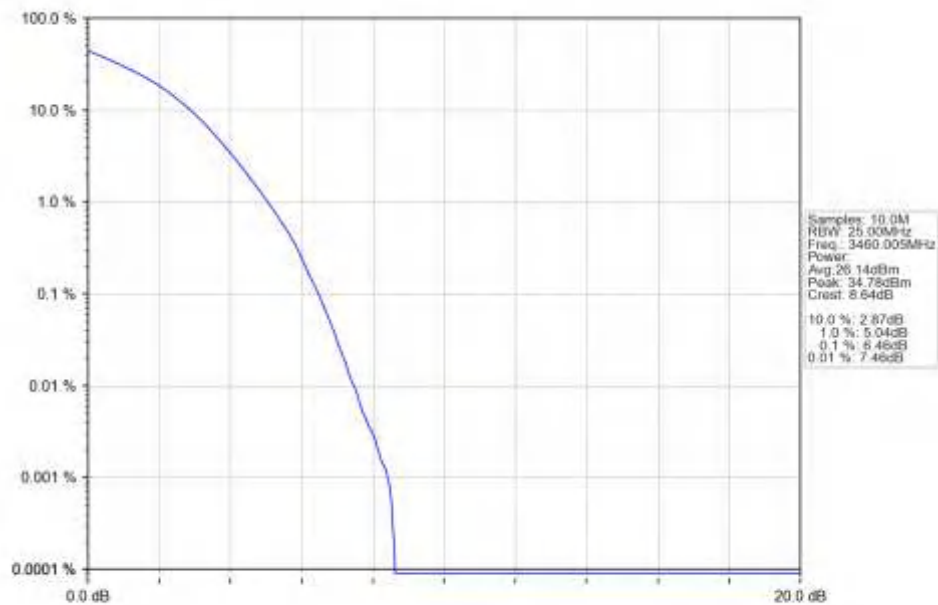
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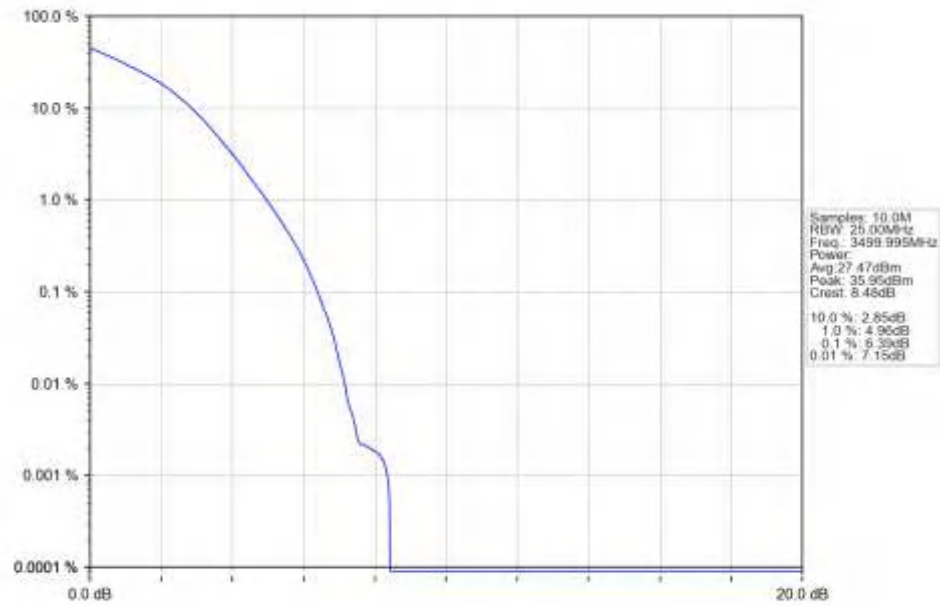
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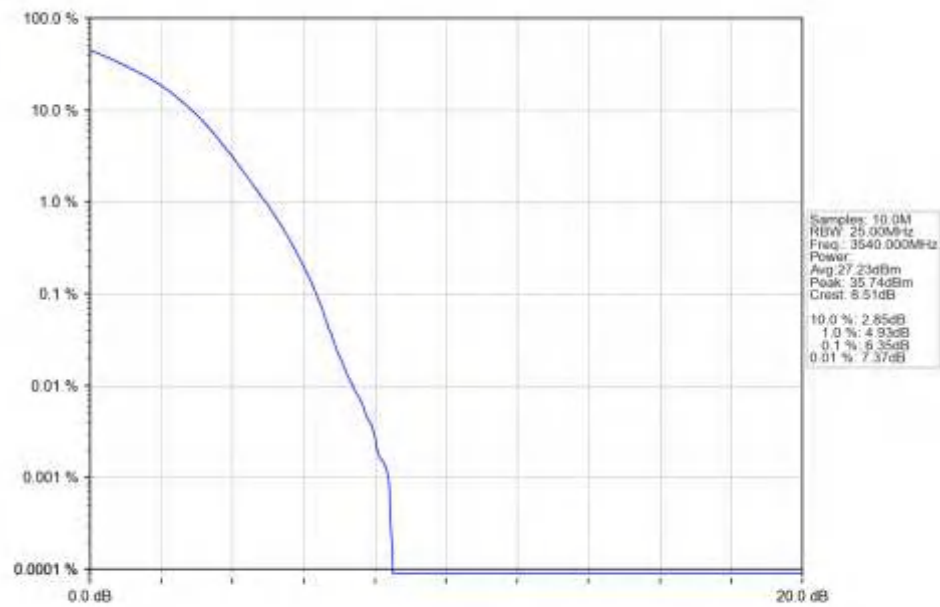
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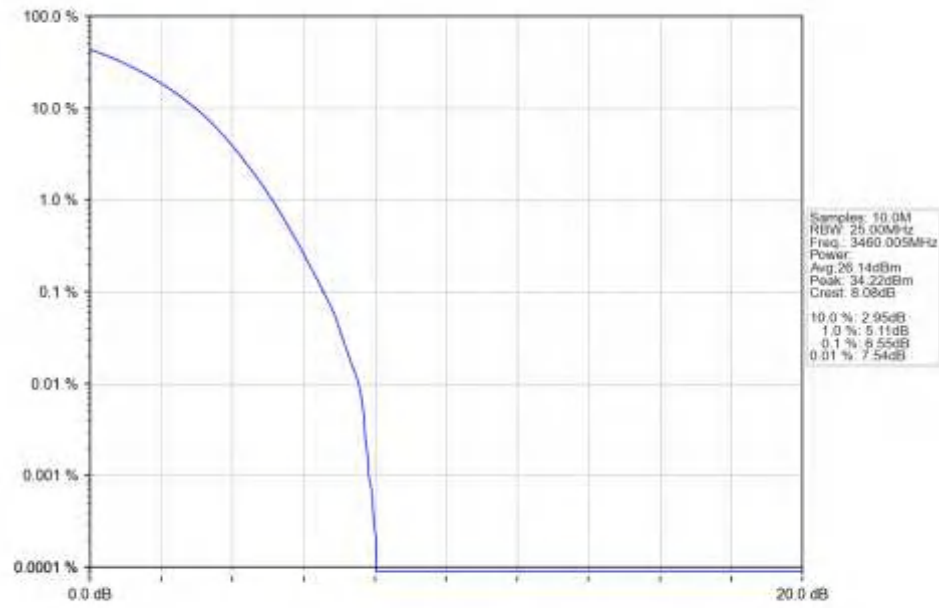
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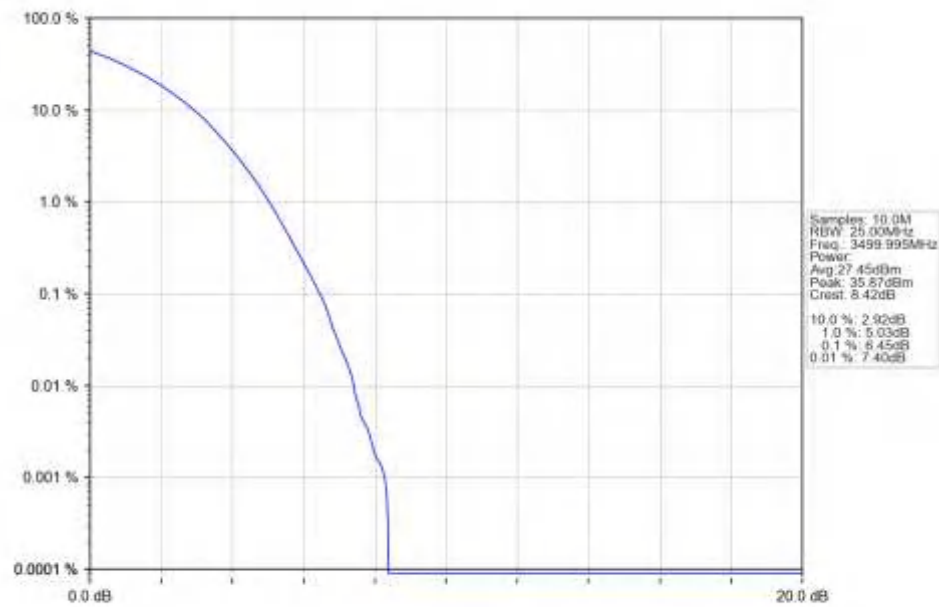
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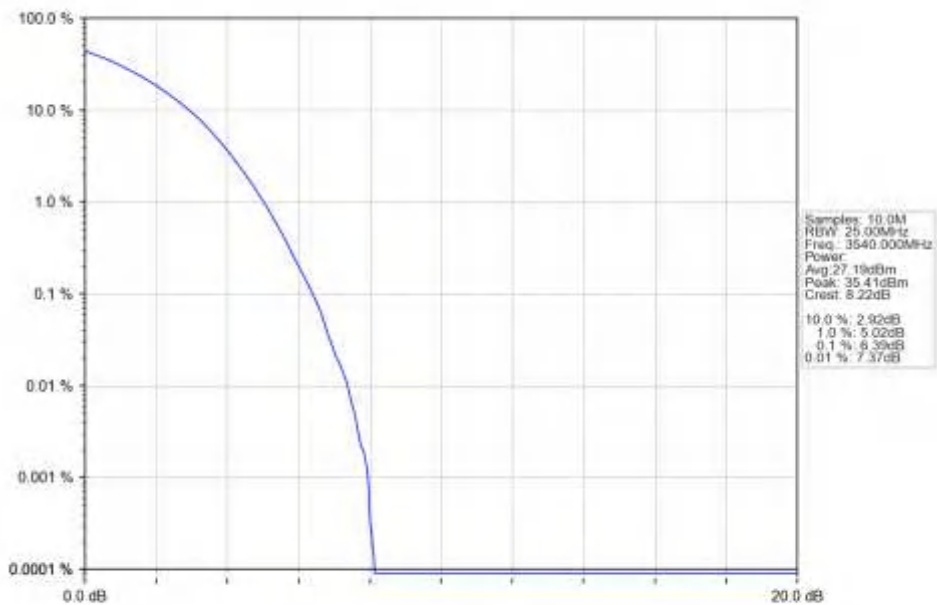
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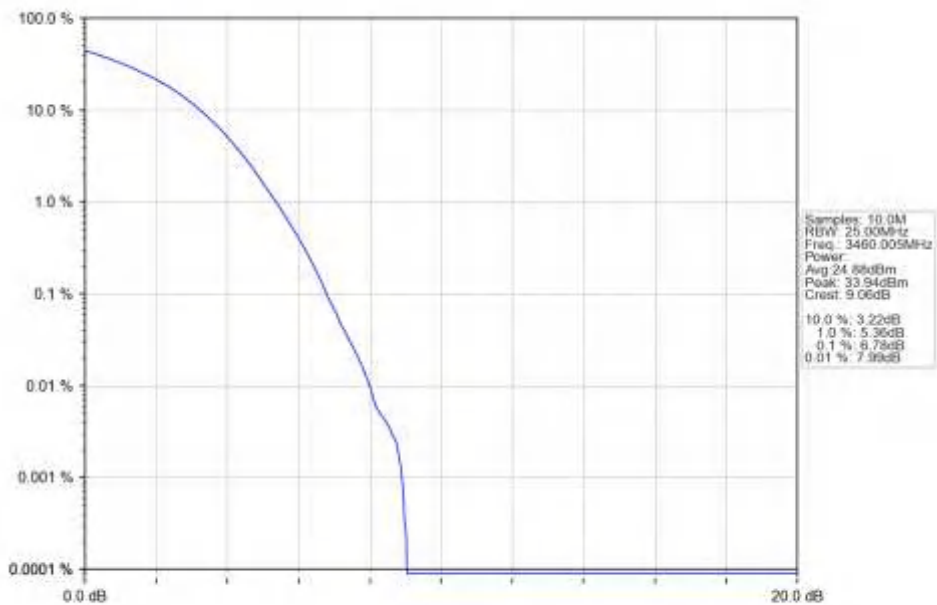
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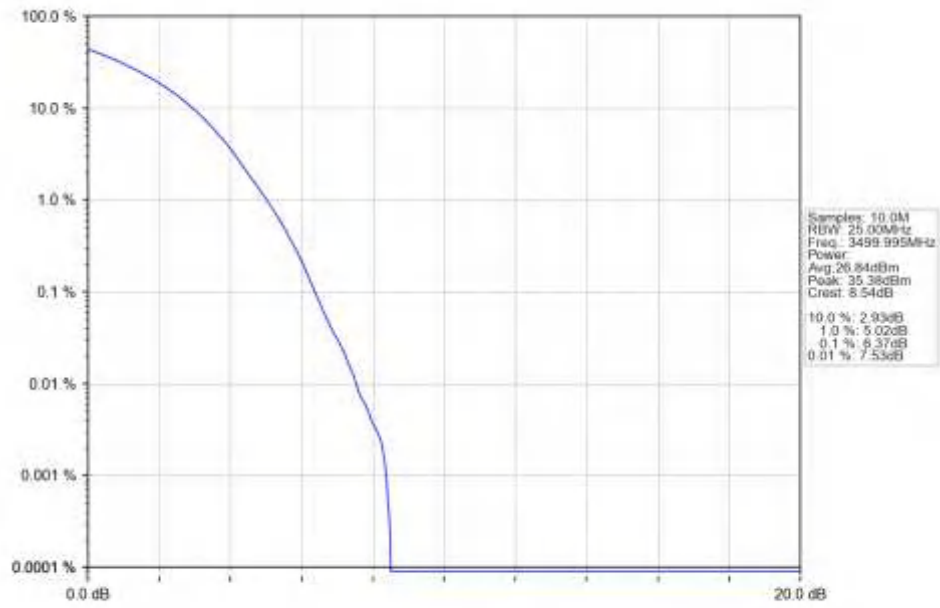
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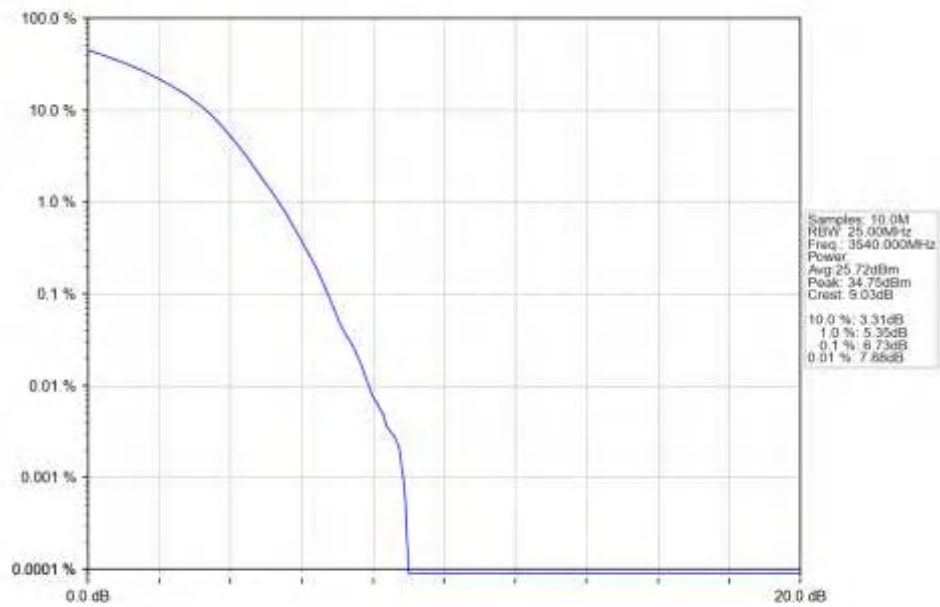
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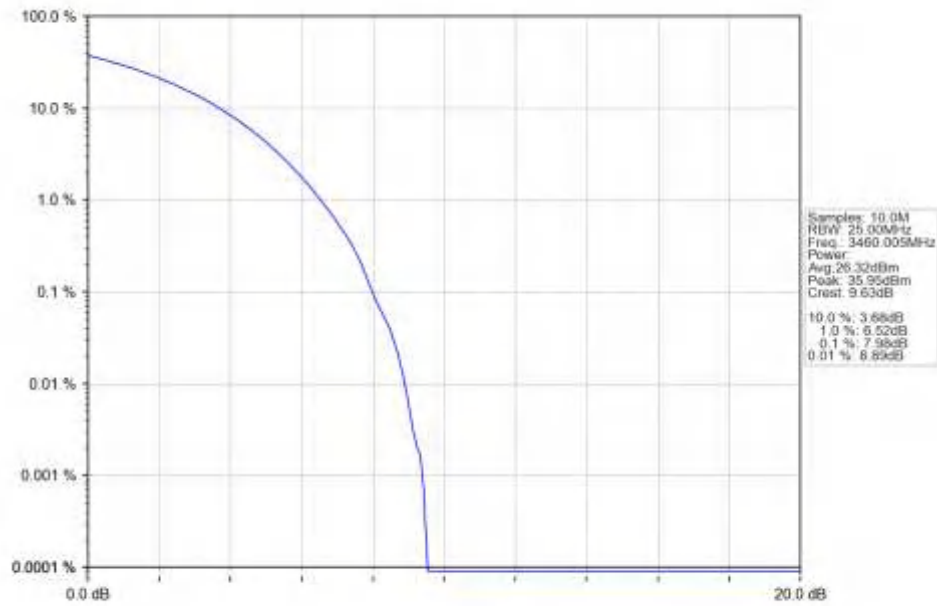
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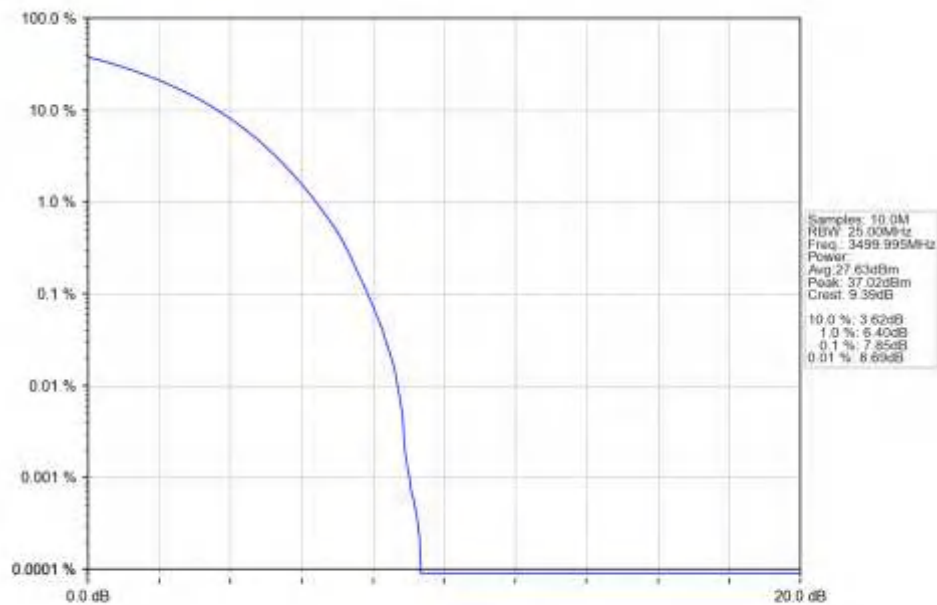
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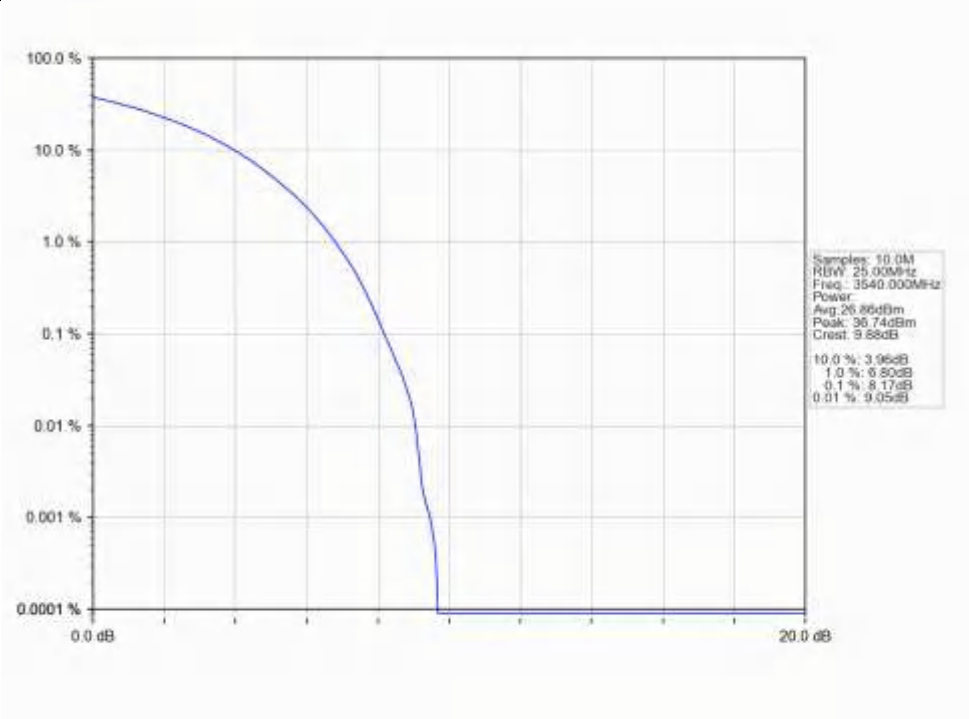
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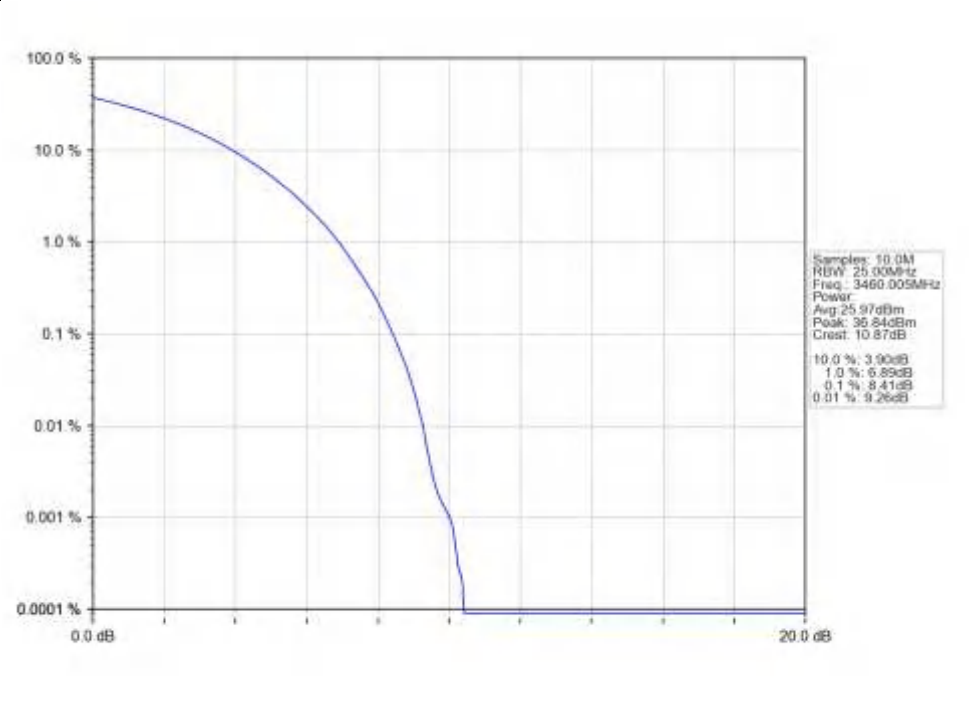
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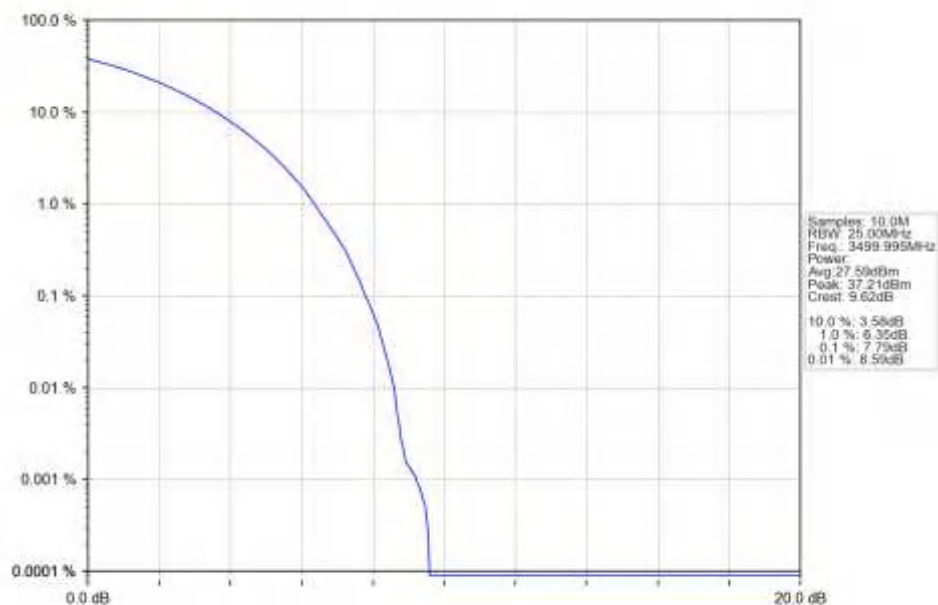
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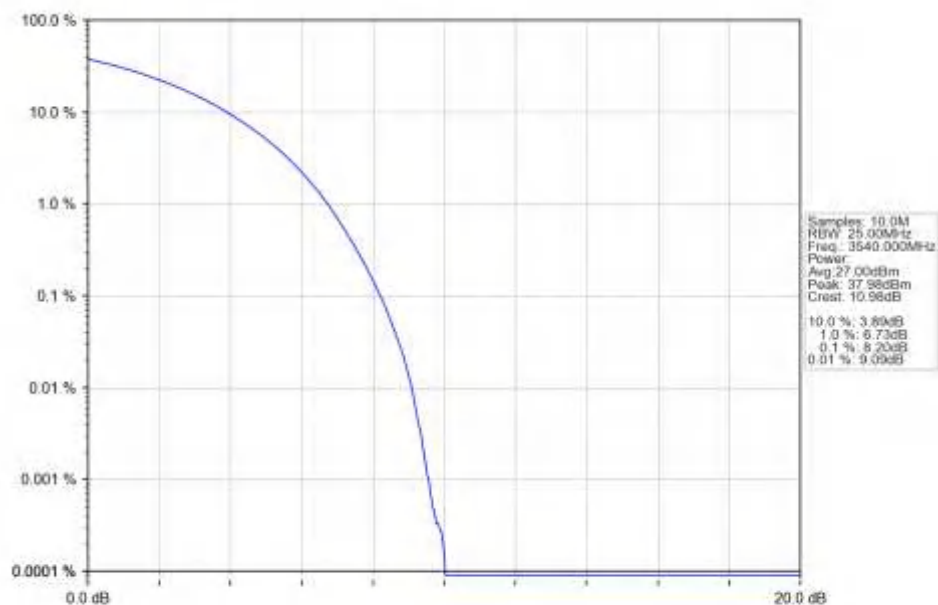
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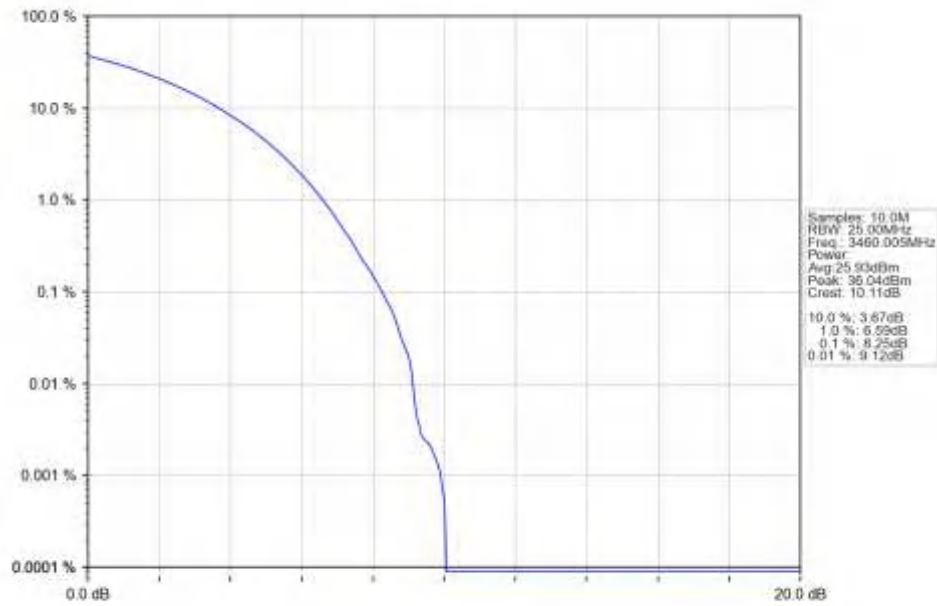
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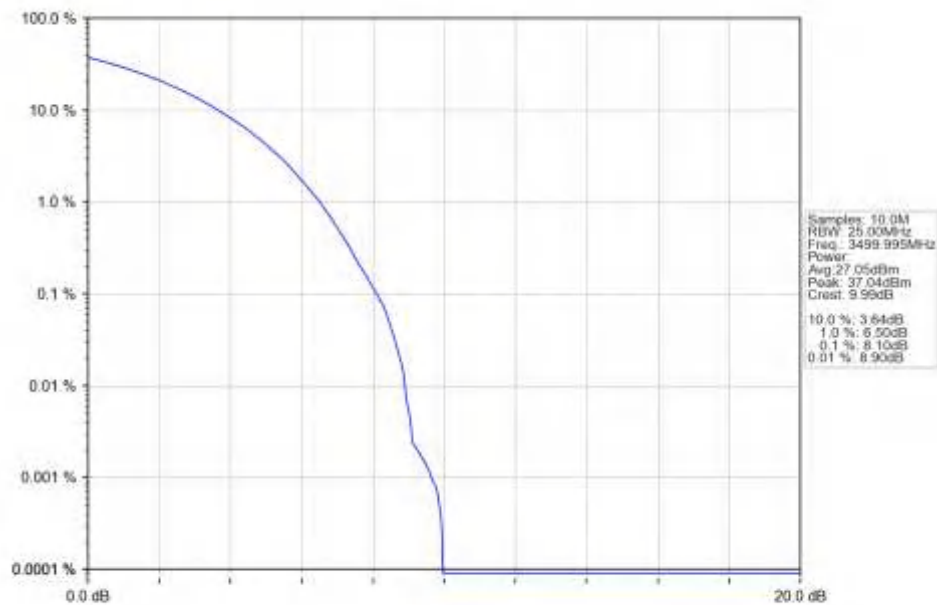
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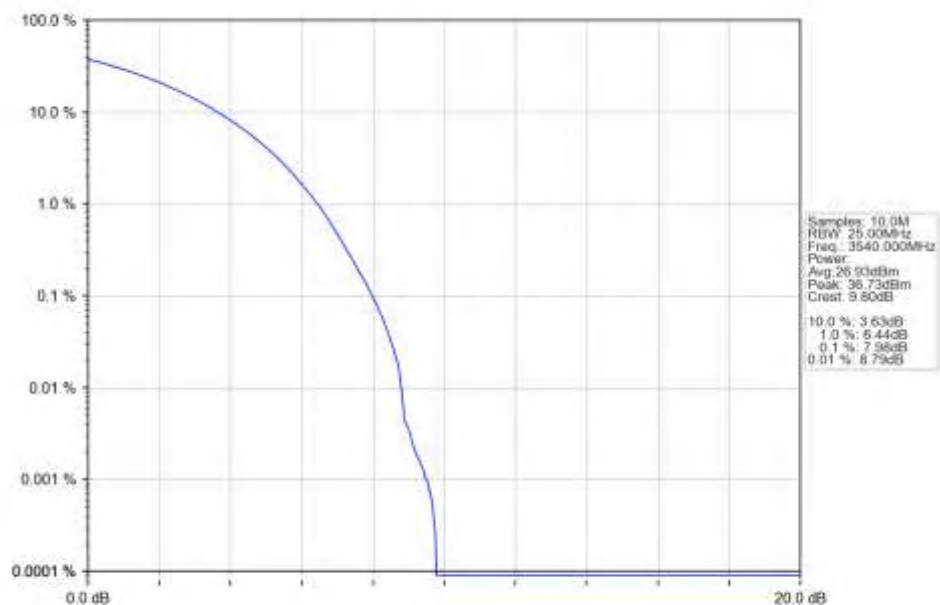
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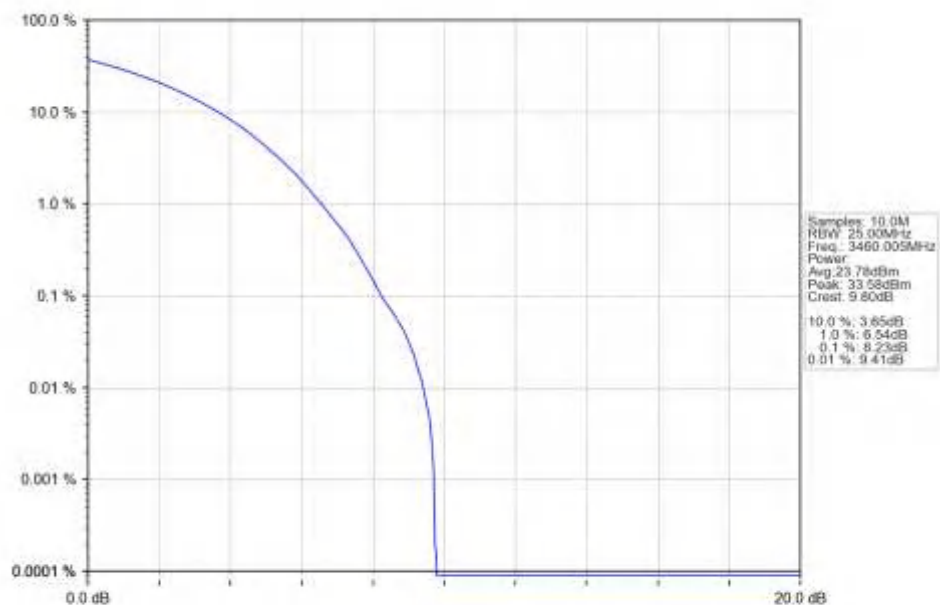
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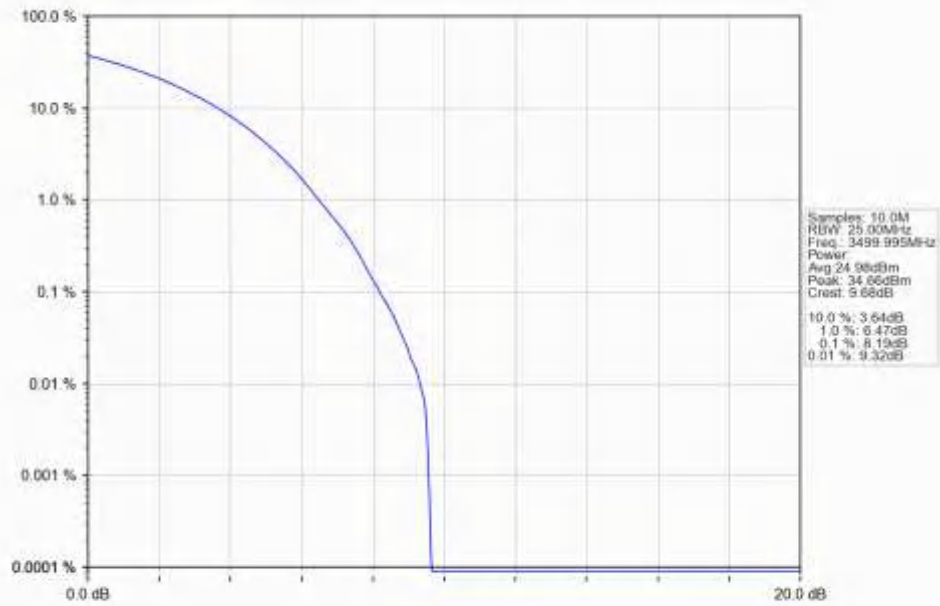
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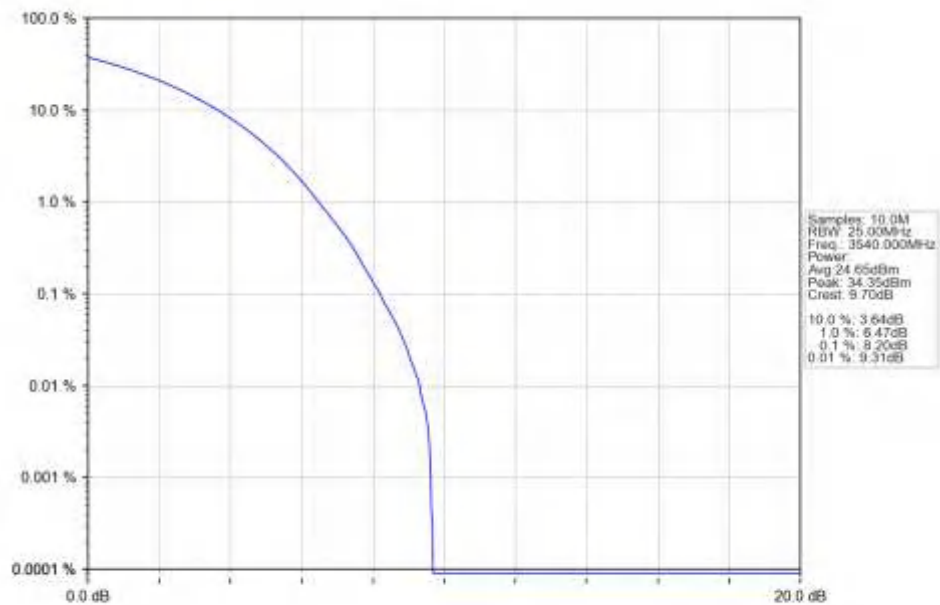
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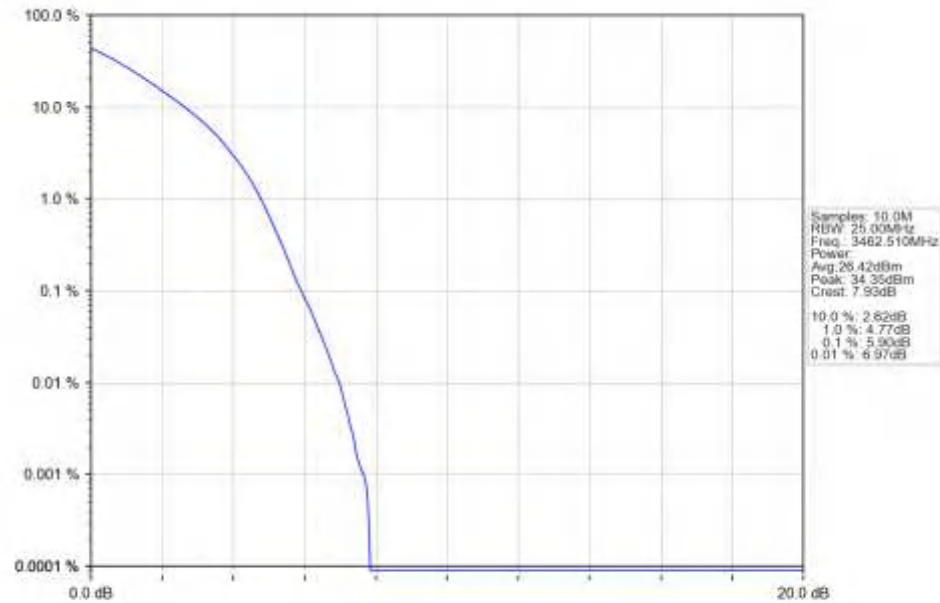


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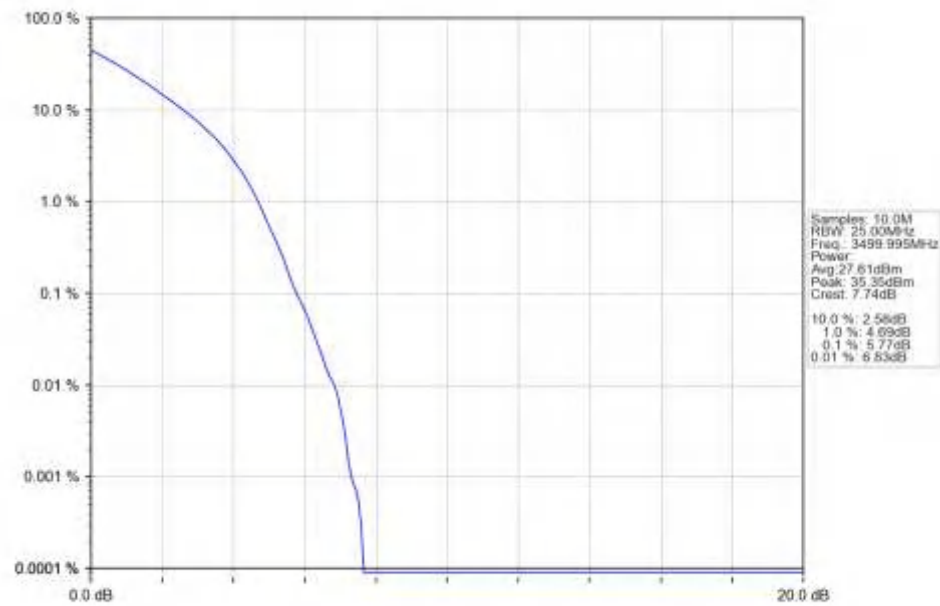


5.2.4 15k_SISO_25MHz_NTNV

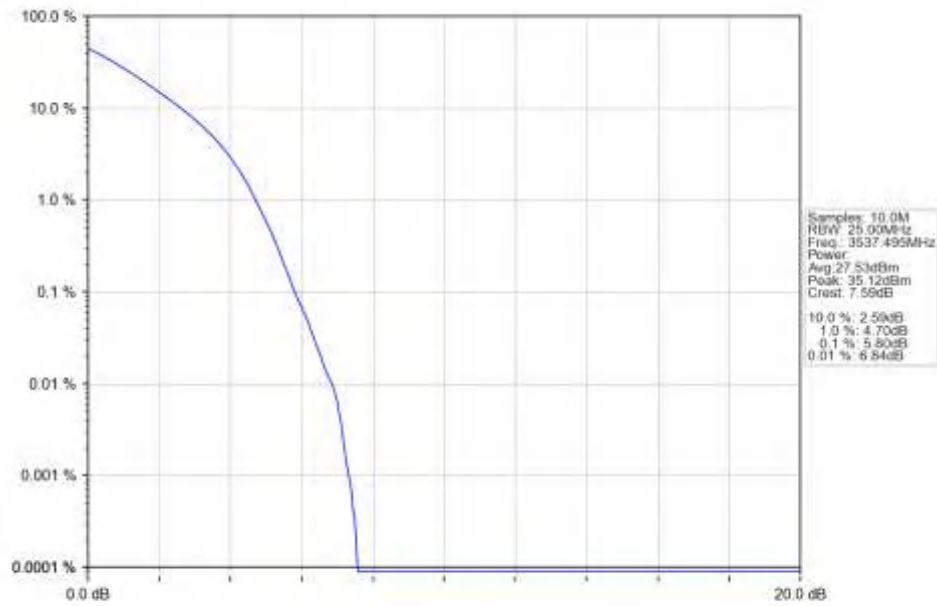
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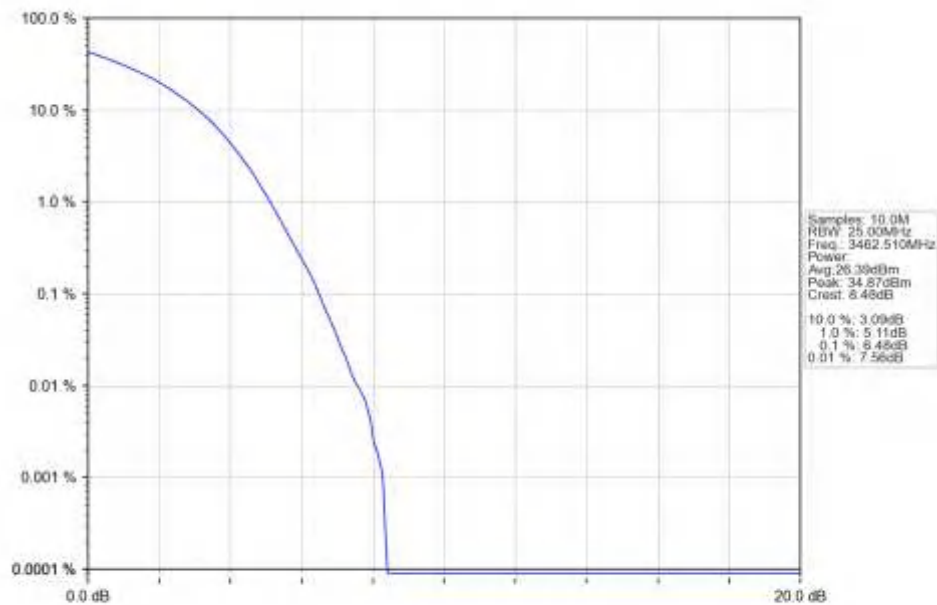
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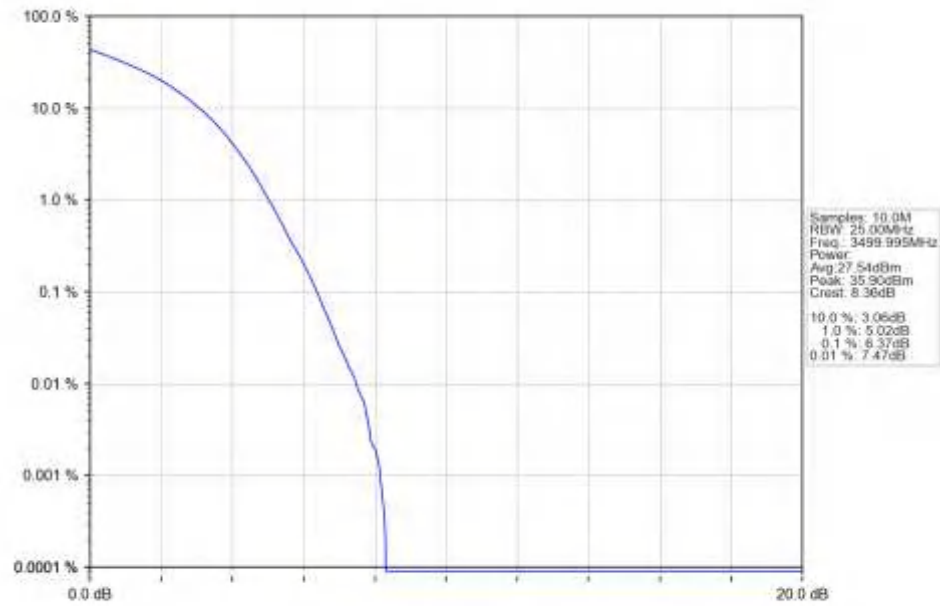
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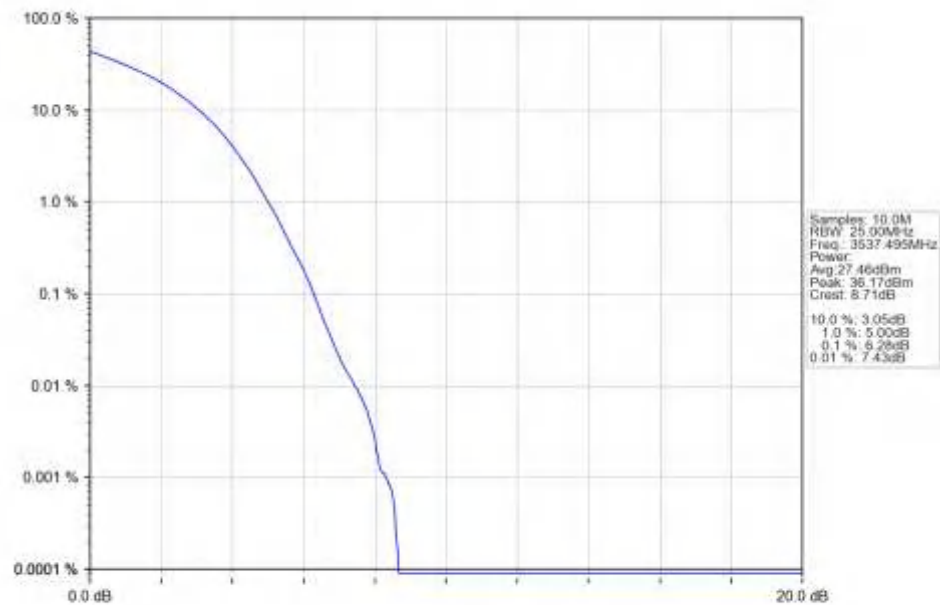
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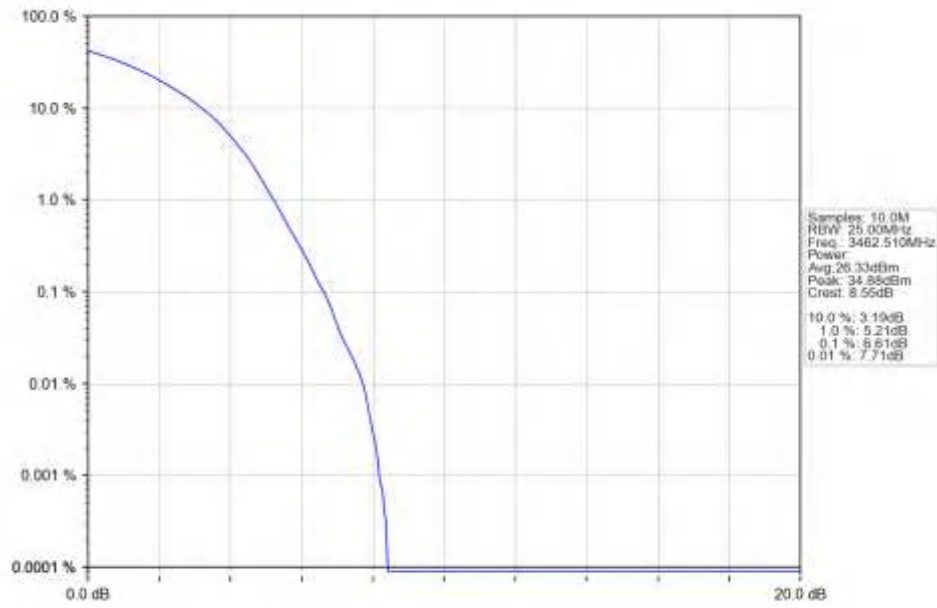
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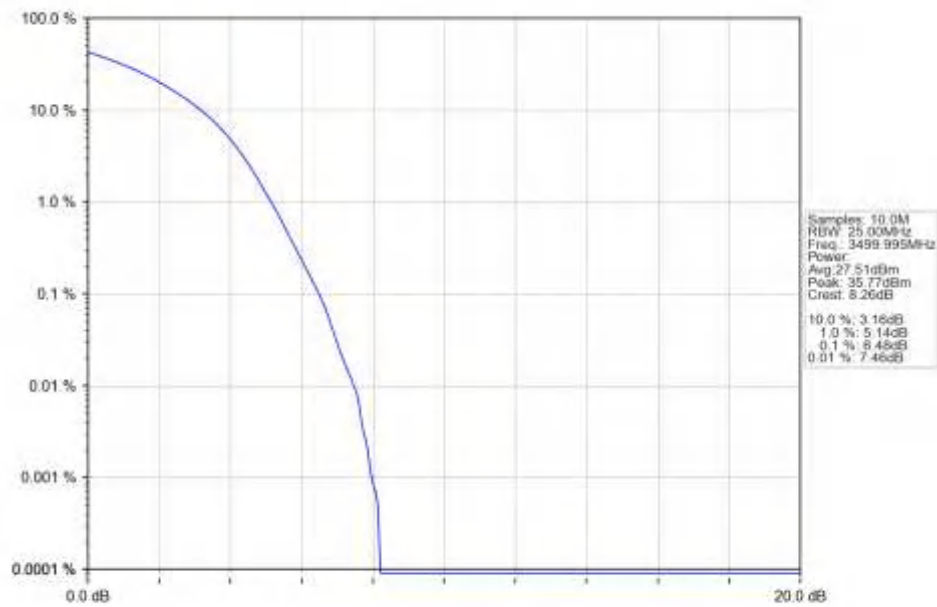
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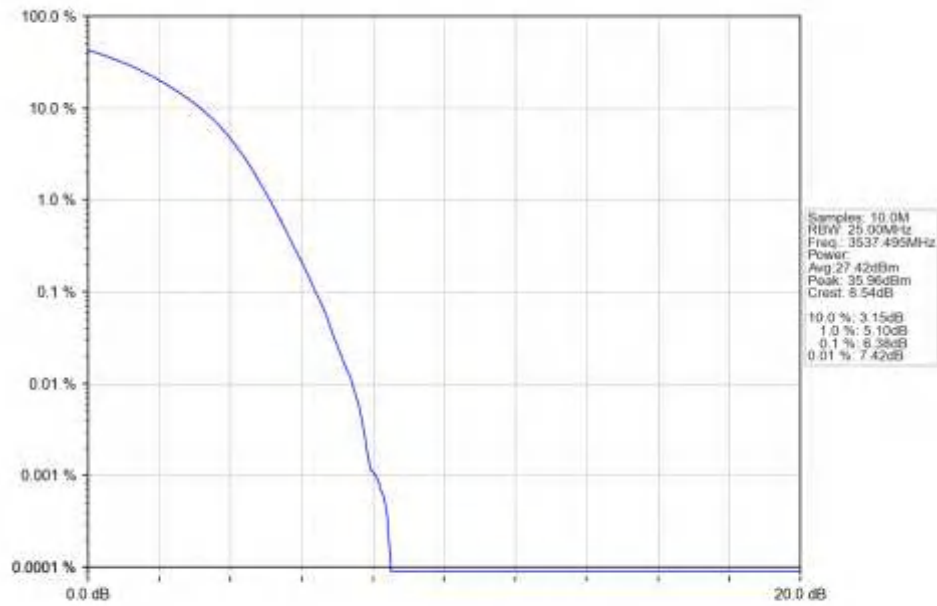
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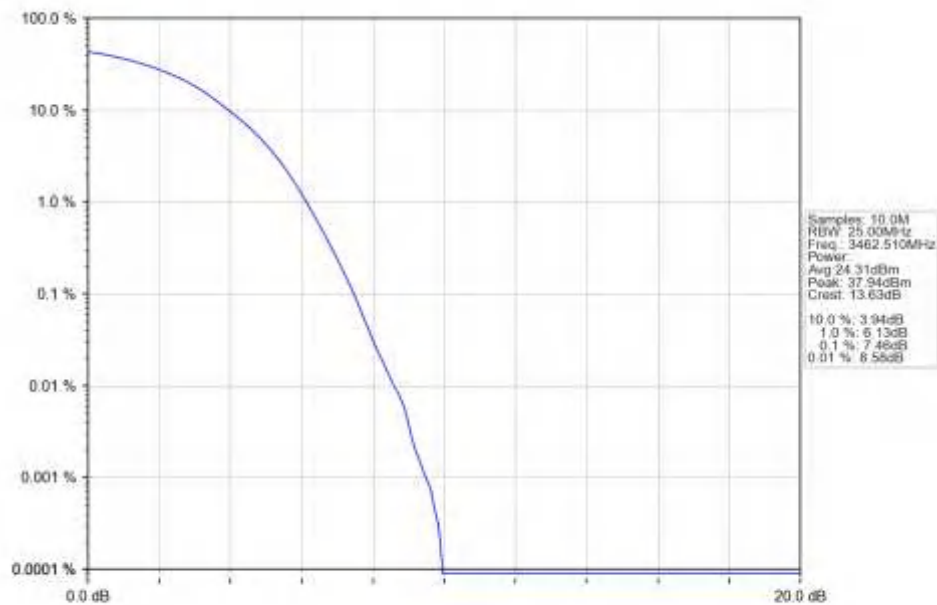
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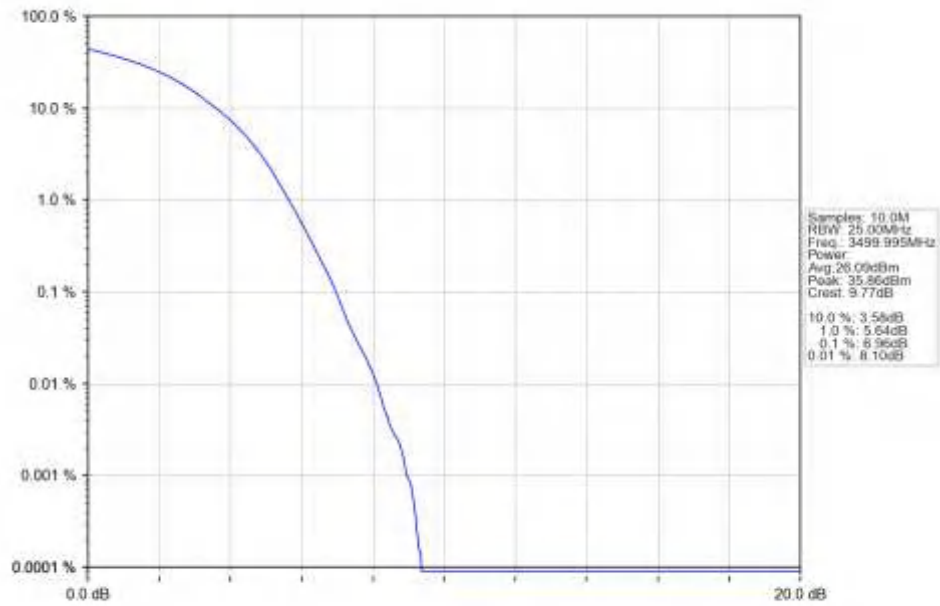
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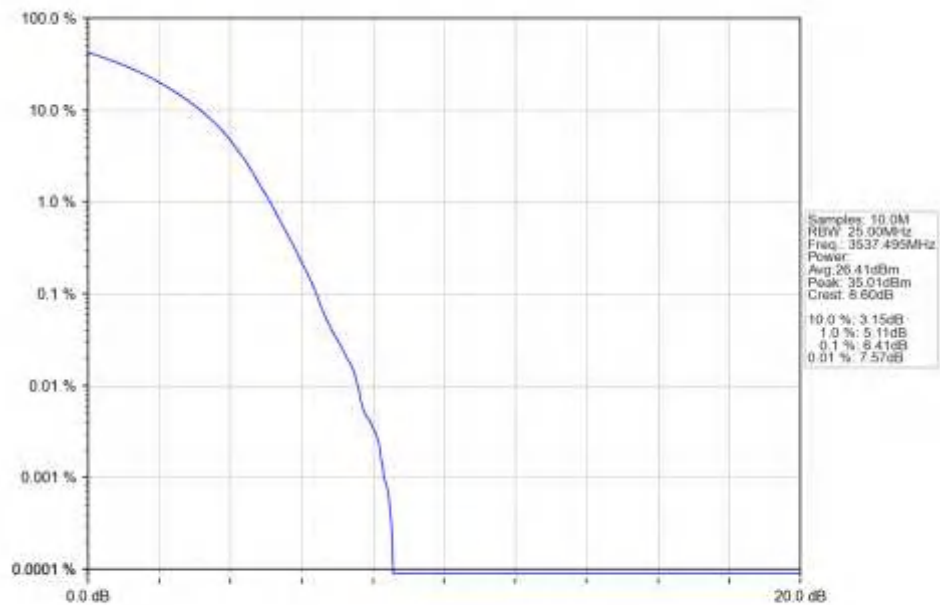
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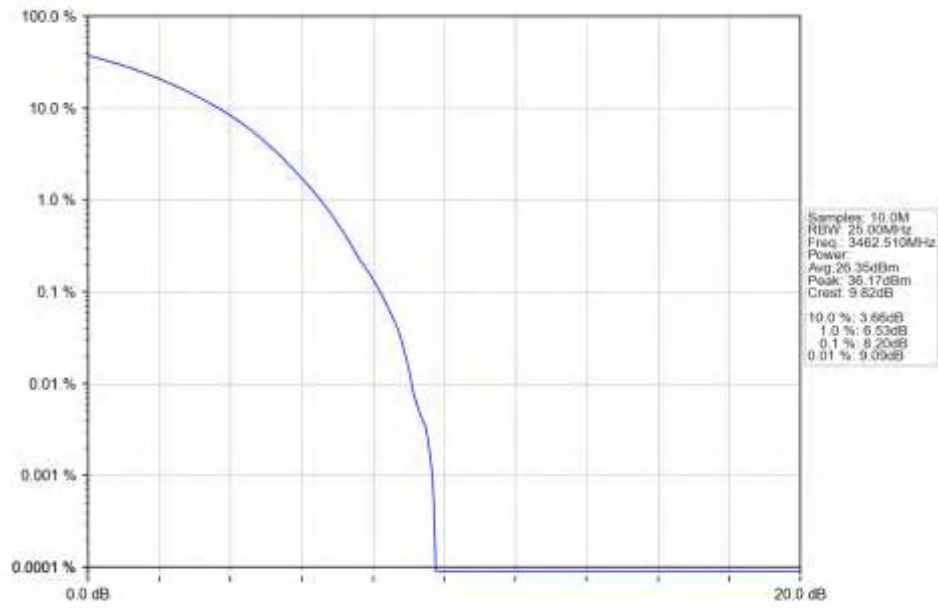
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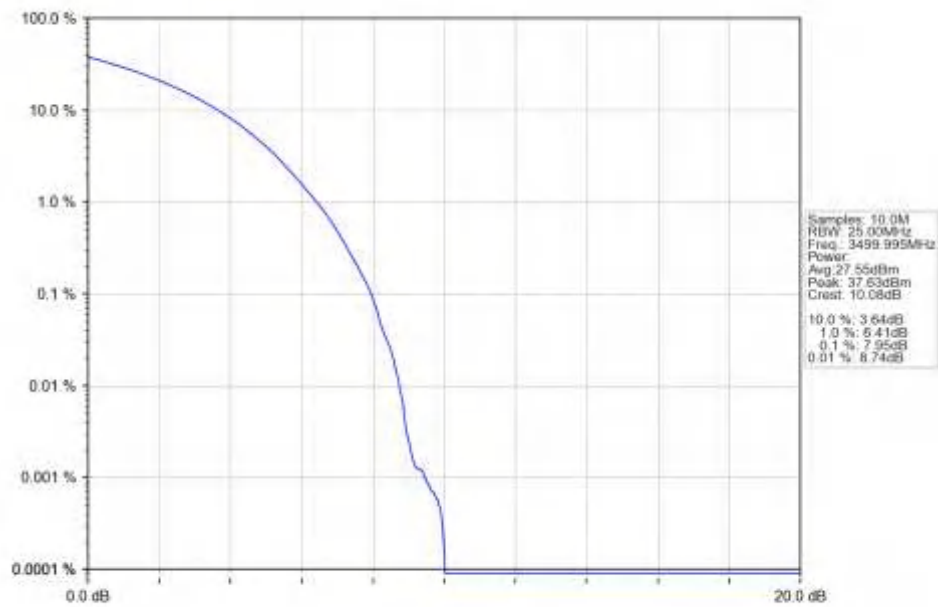
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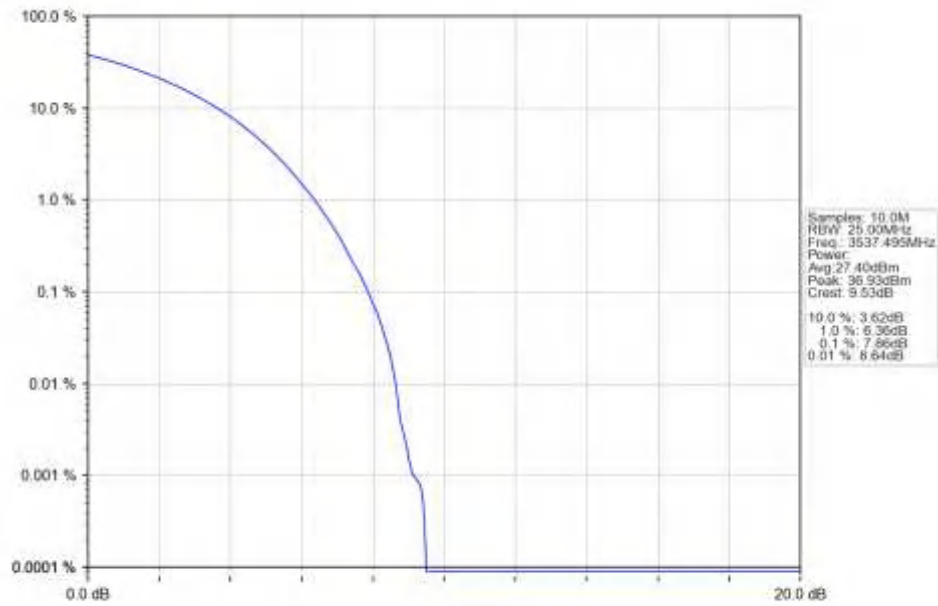
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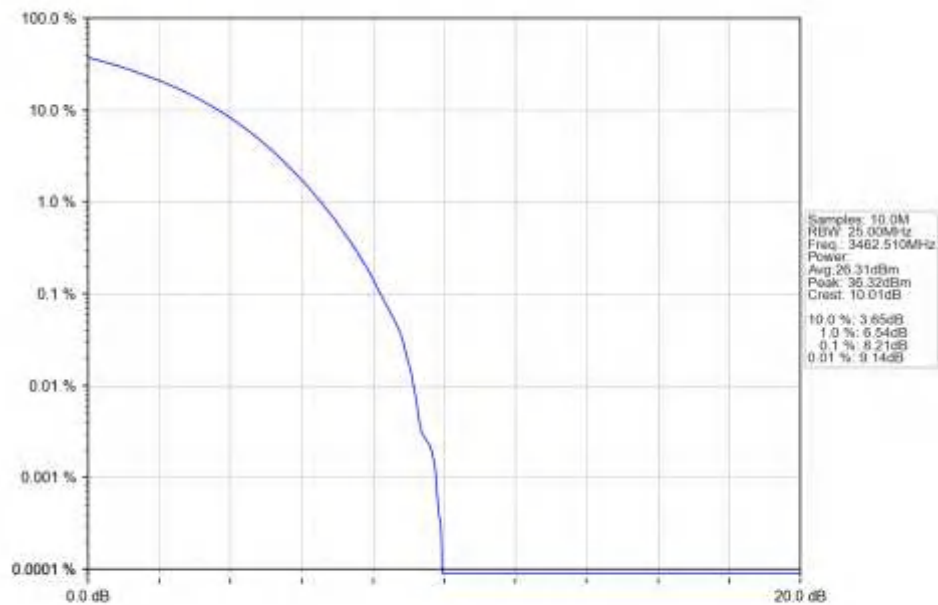
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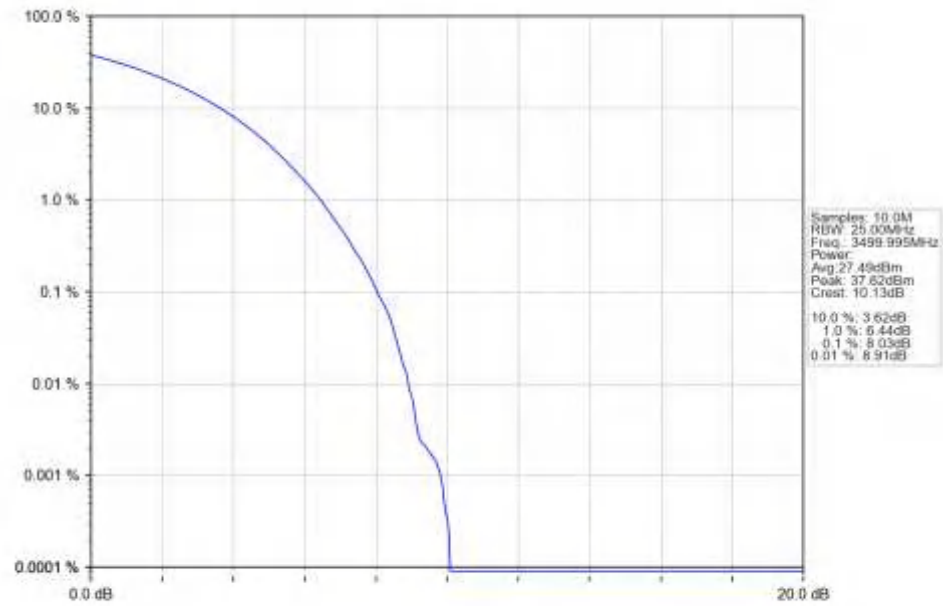
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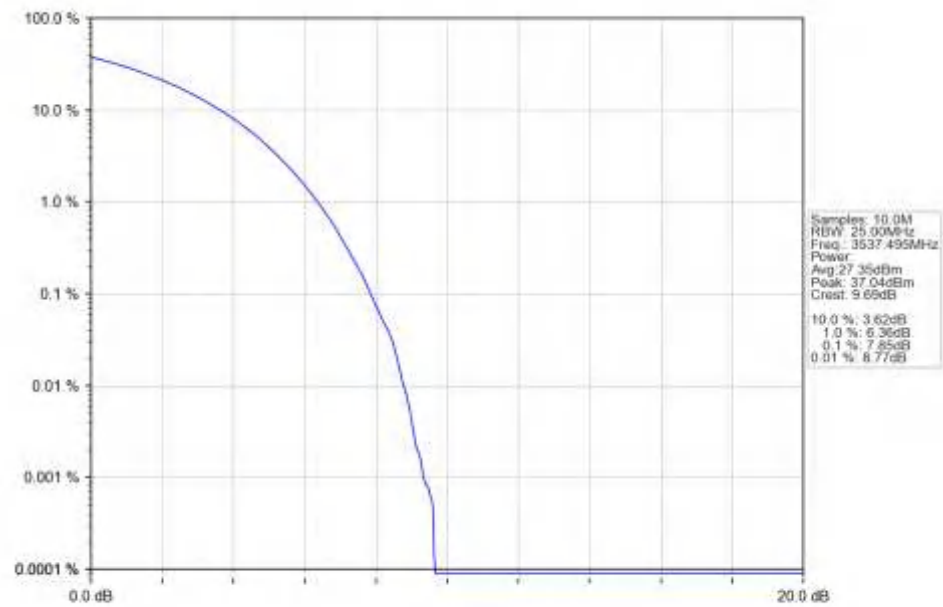
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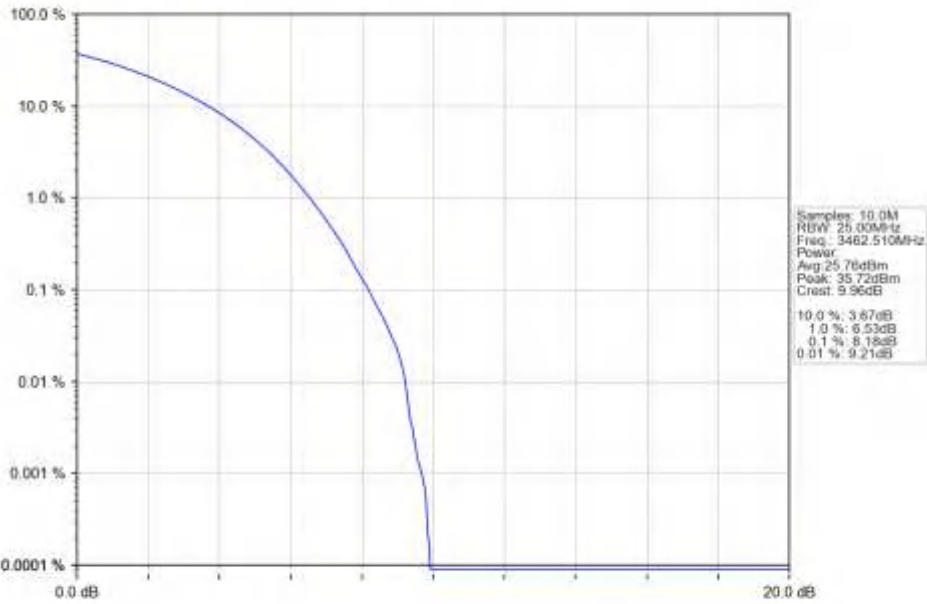
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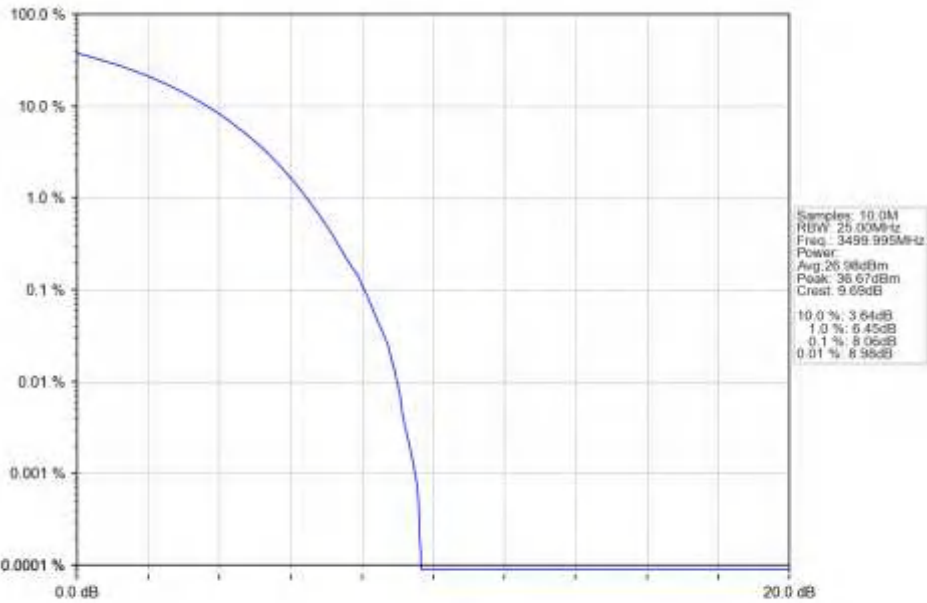
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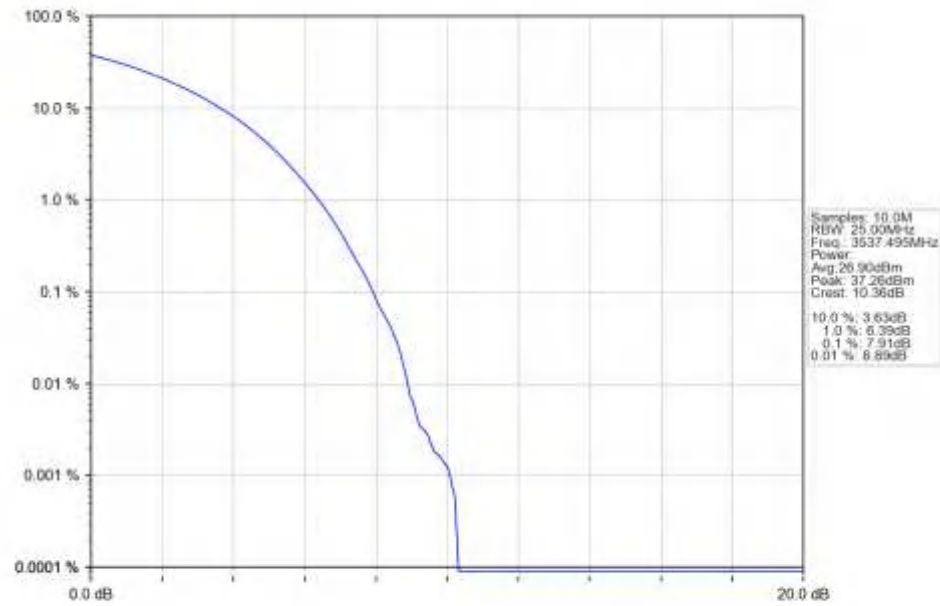
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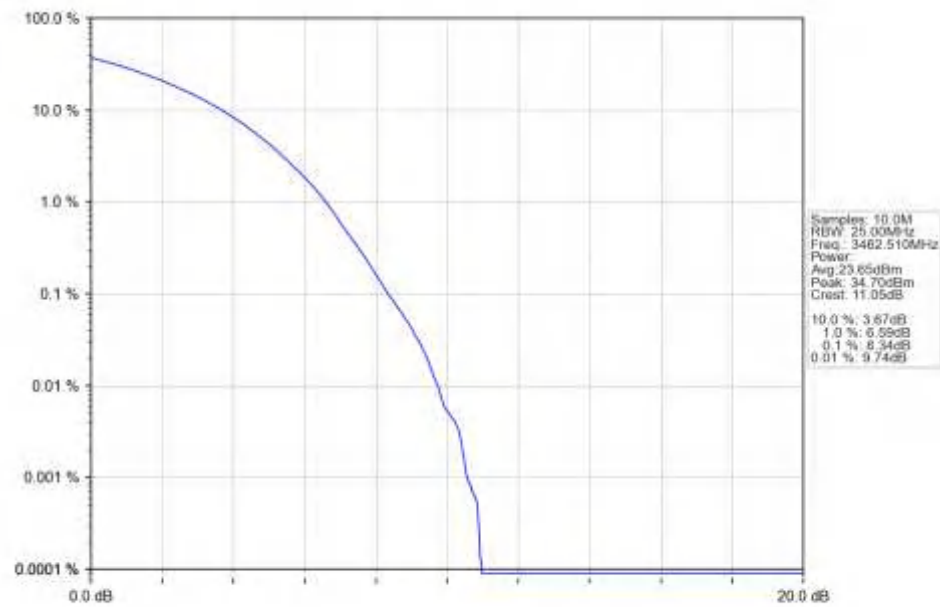
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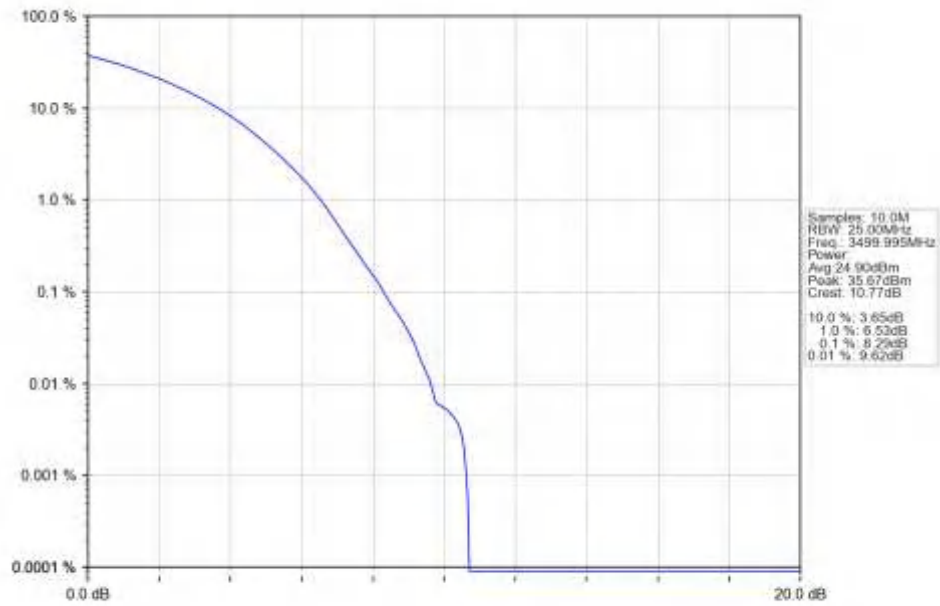
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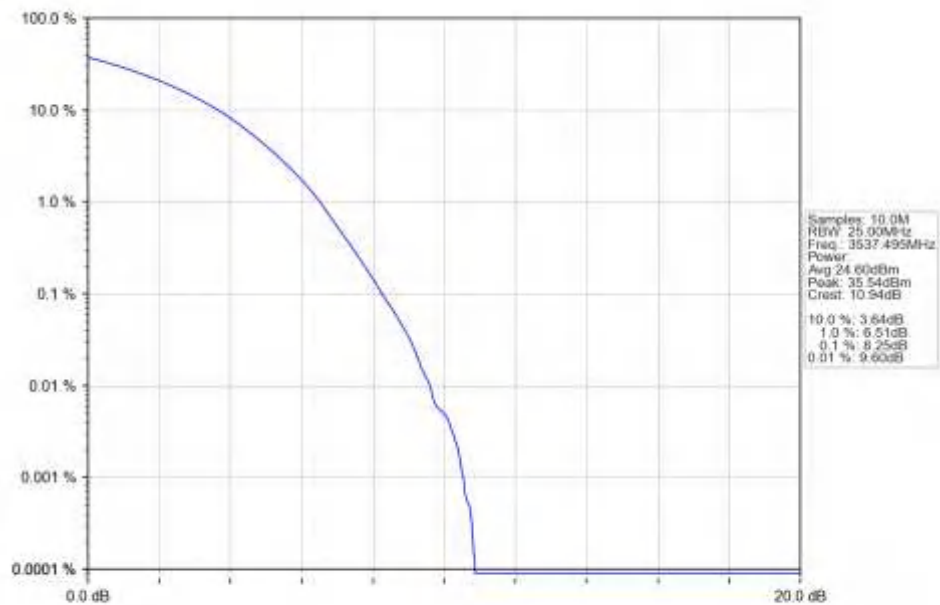
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n77d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3499.995MHz_Outer_Full_Ant1

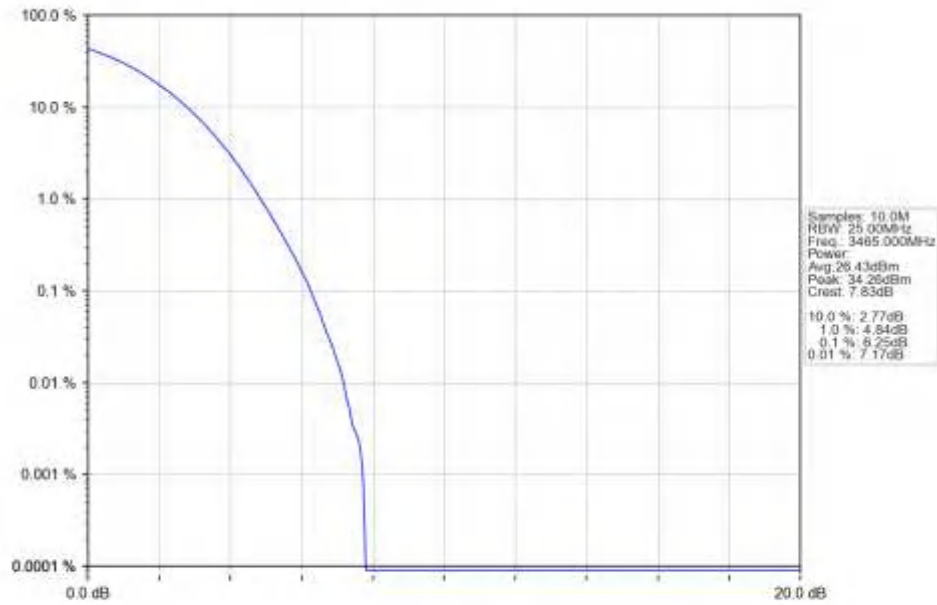


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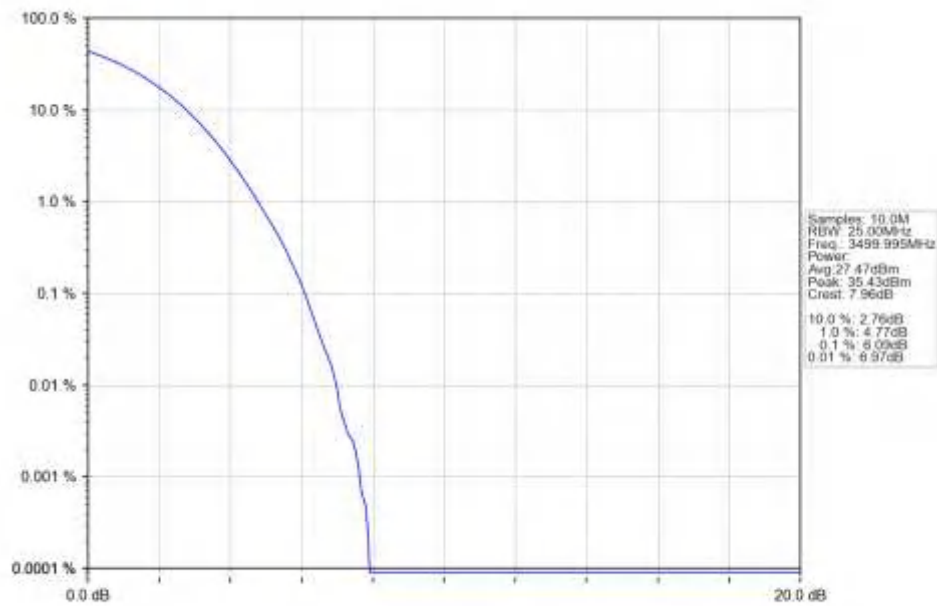


5.2.5 15k_SISO_30MHz_NTNV

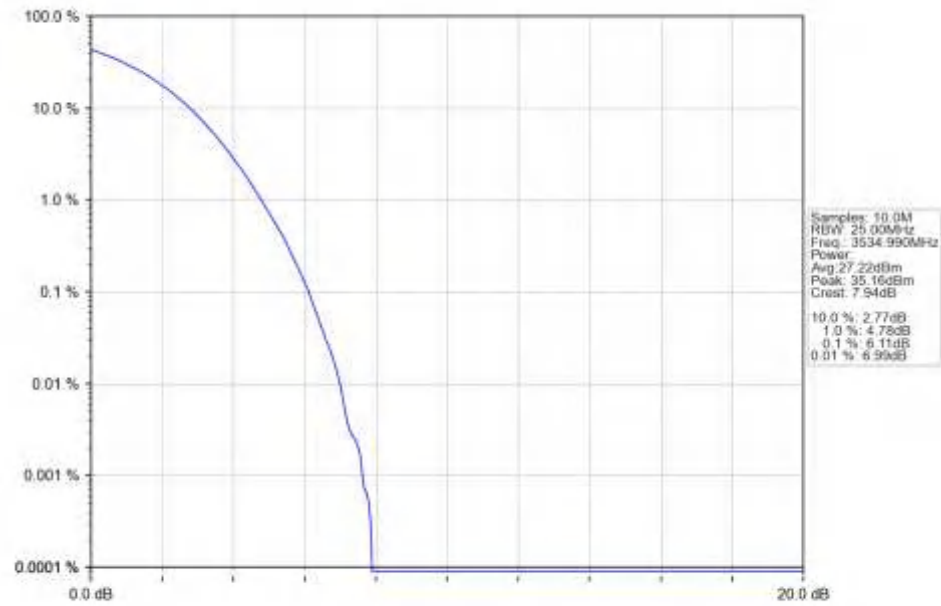
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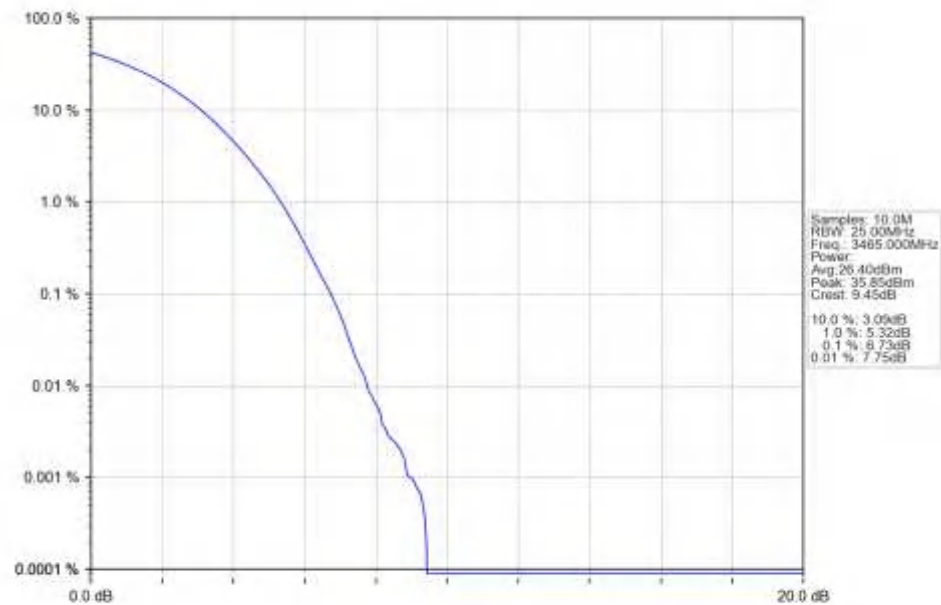
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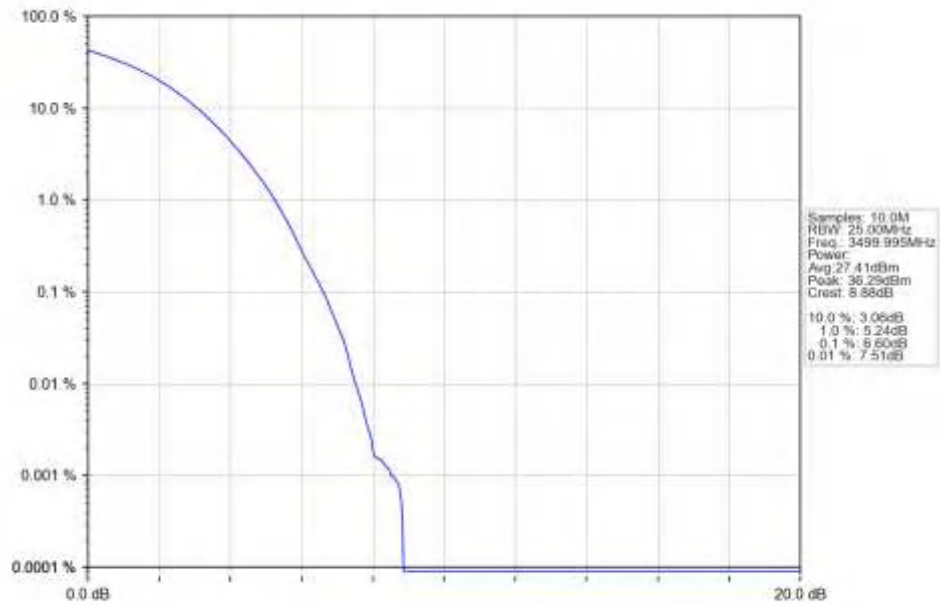
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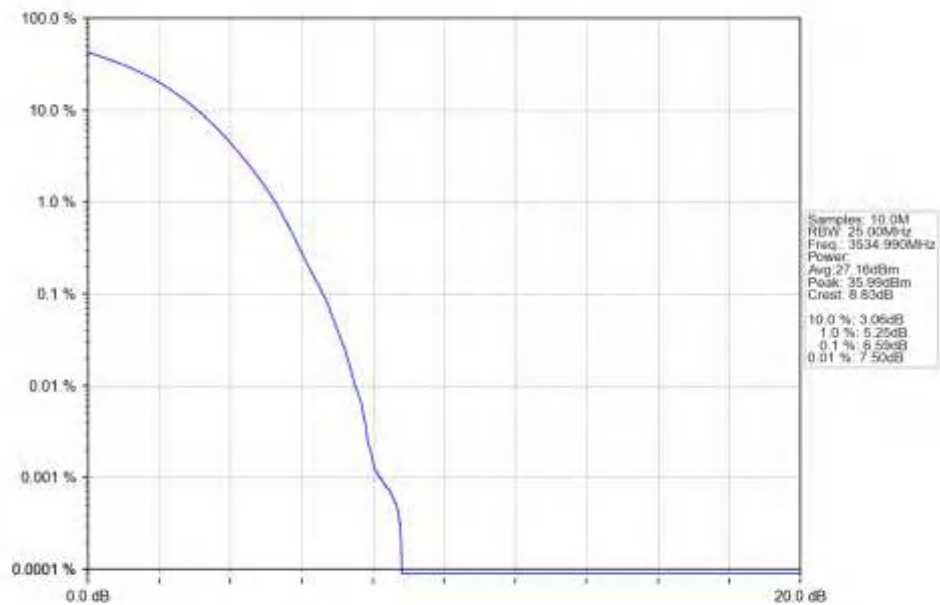
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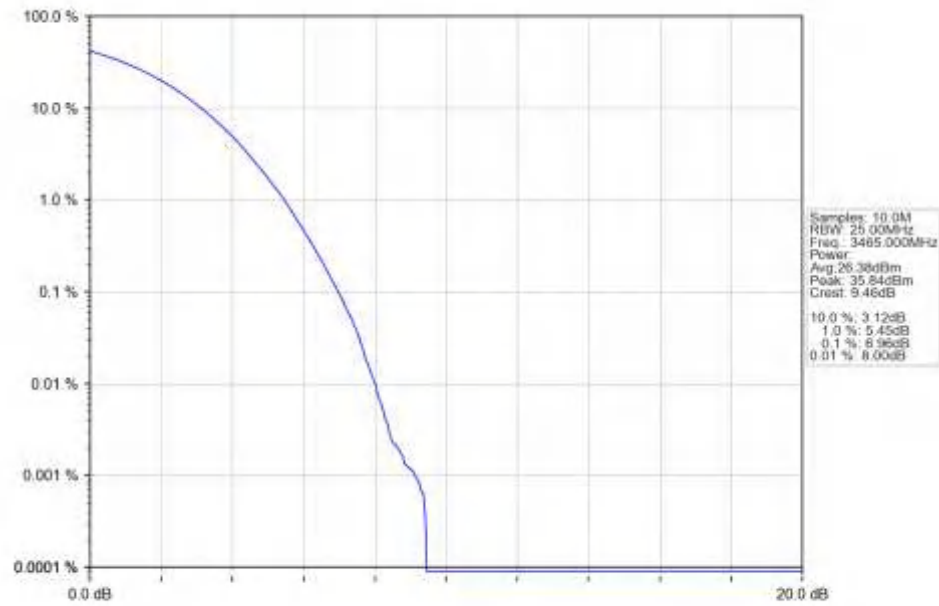
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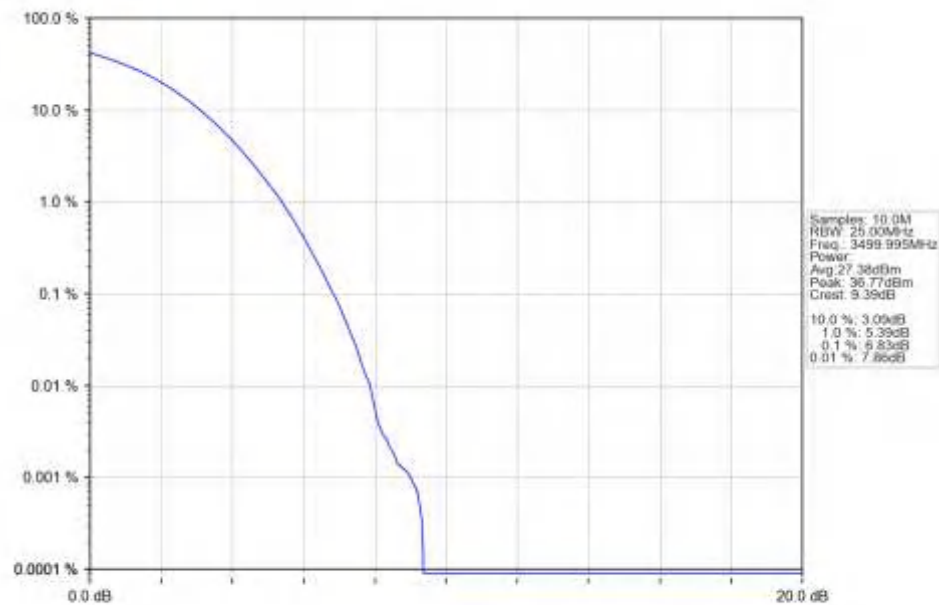
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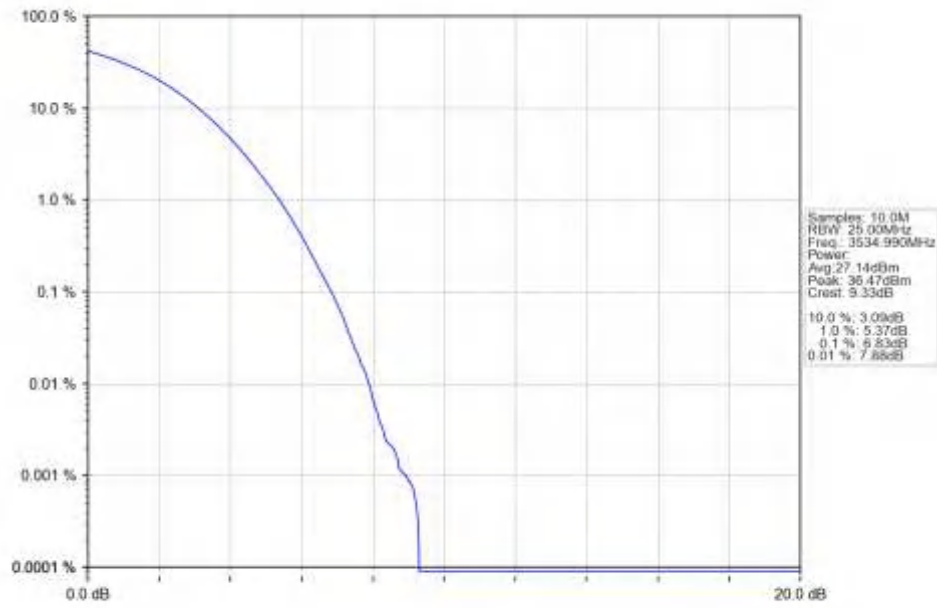
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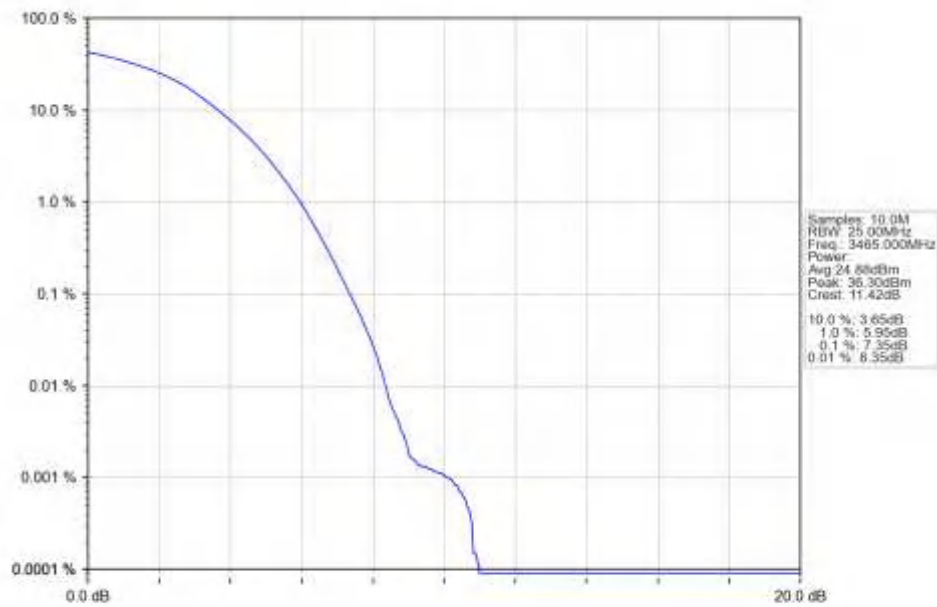
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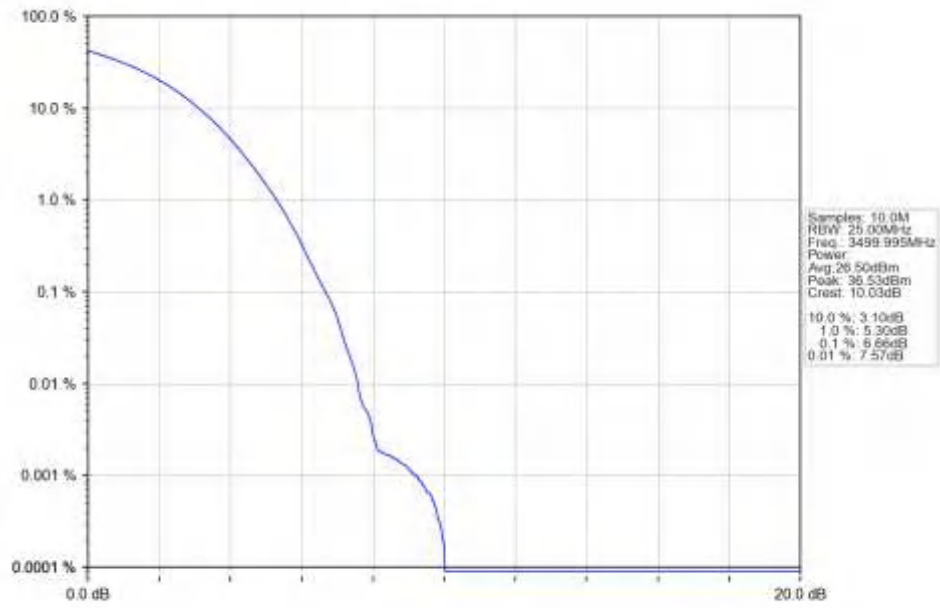
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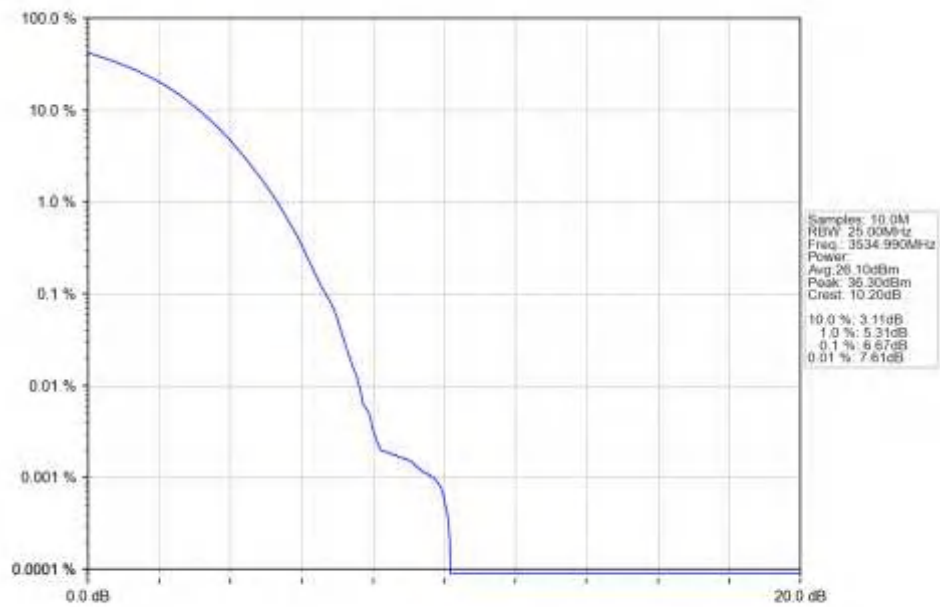
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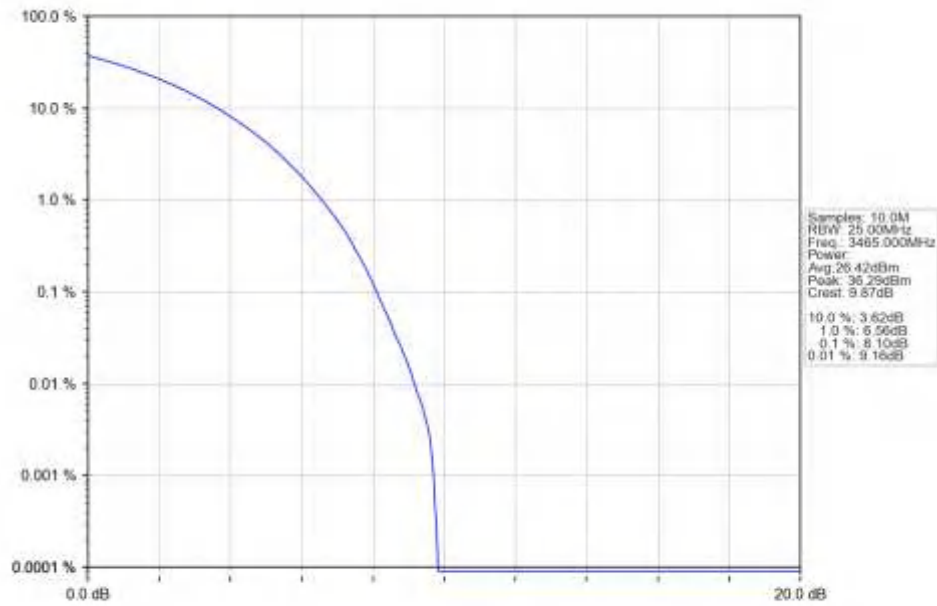
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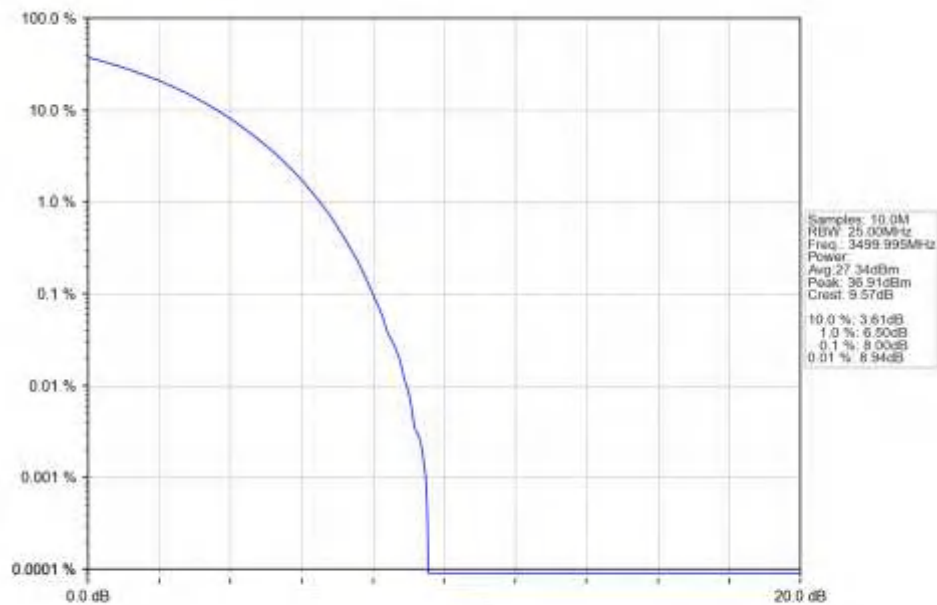
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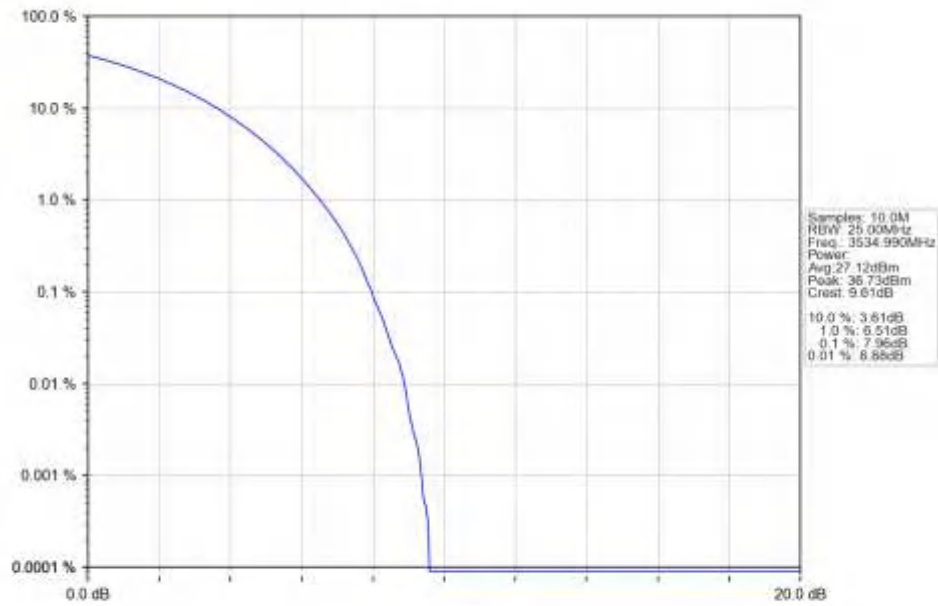
n77d 15kHz SISO NTN 30MHz CP-OFDM QPSK 3465MHz Outer Full Ant1



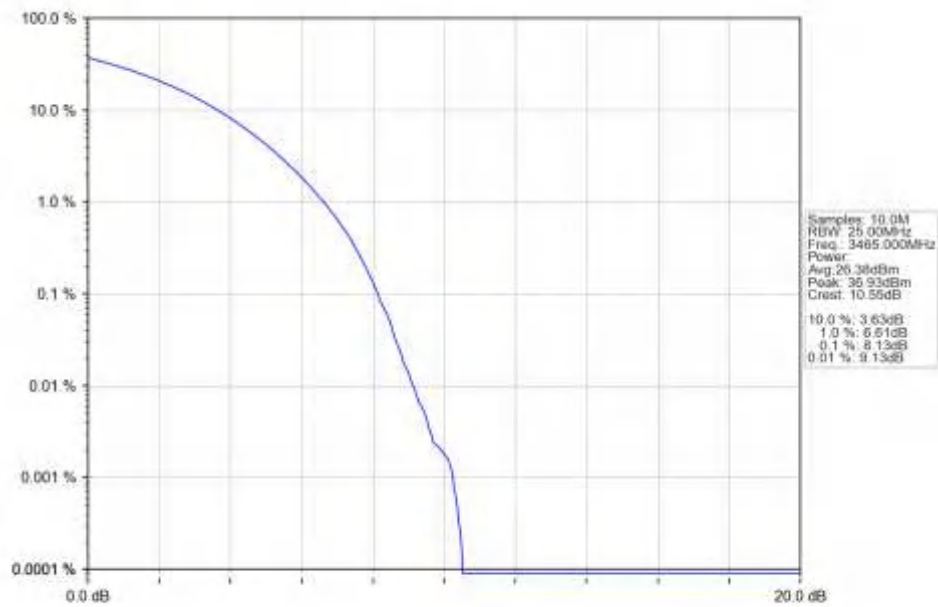
n77d 15kHz SISO NTN 30MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



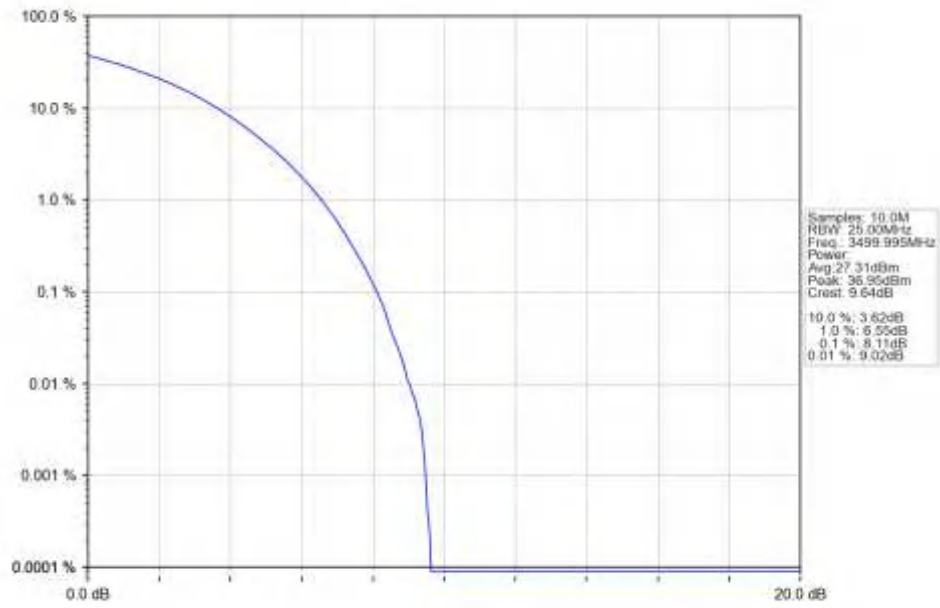
n77d_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3534.99MHz_Outer_Full_Ant1



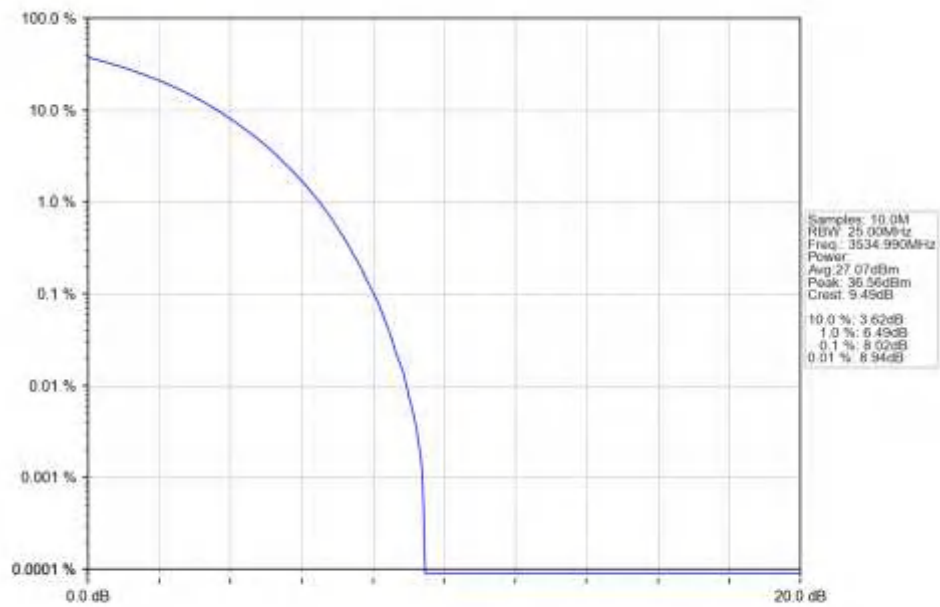
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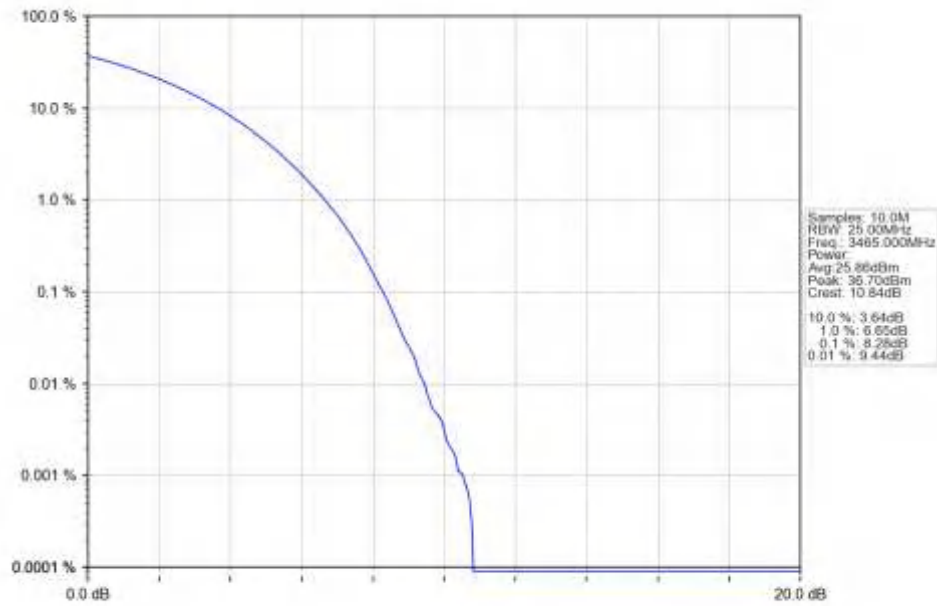
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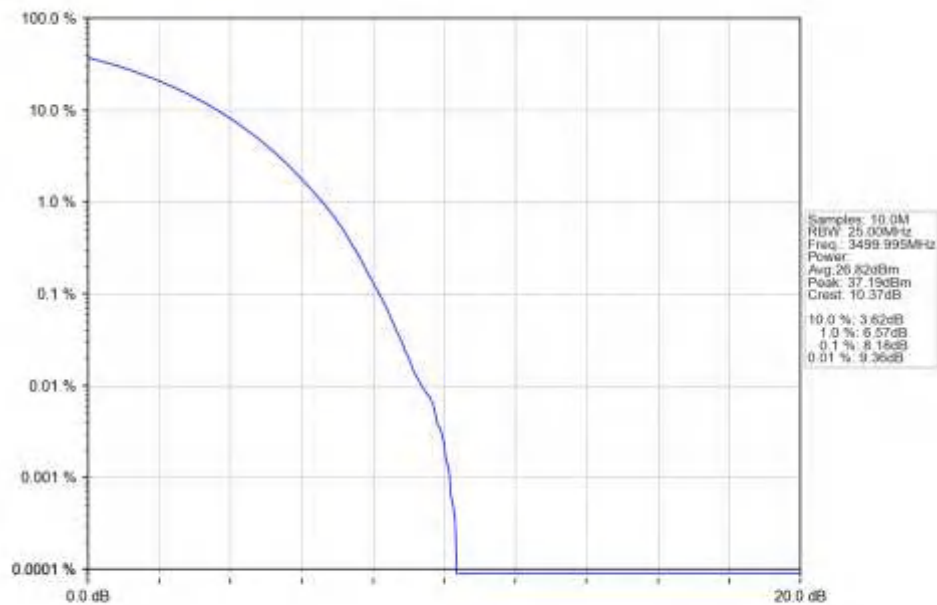
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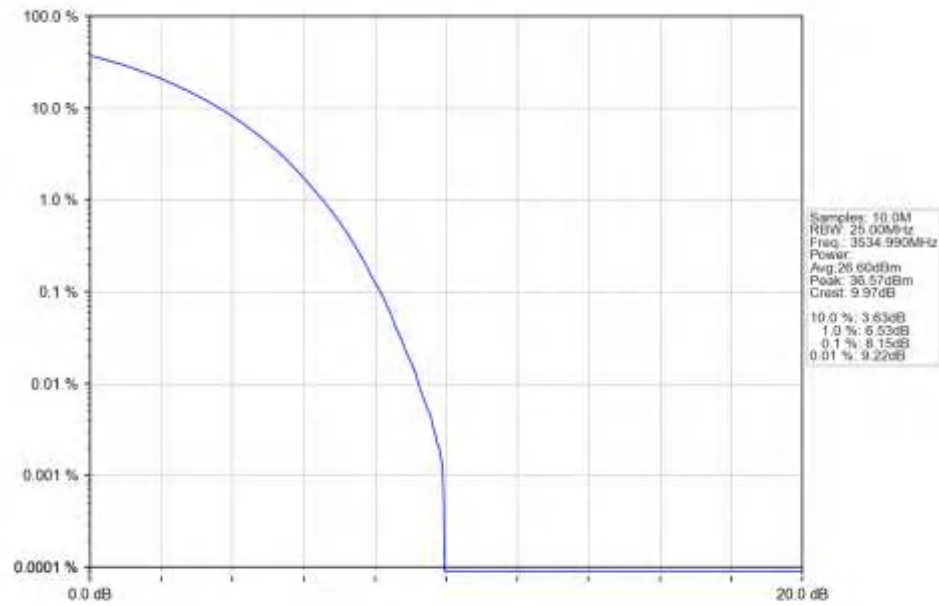
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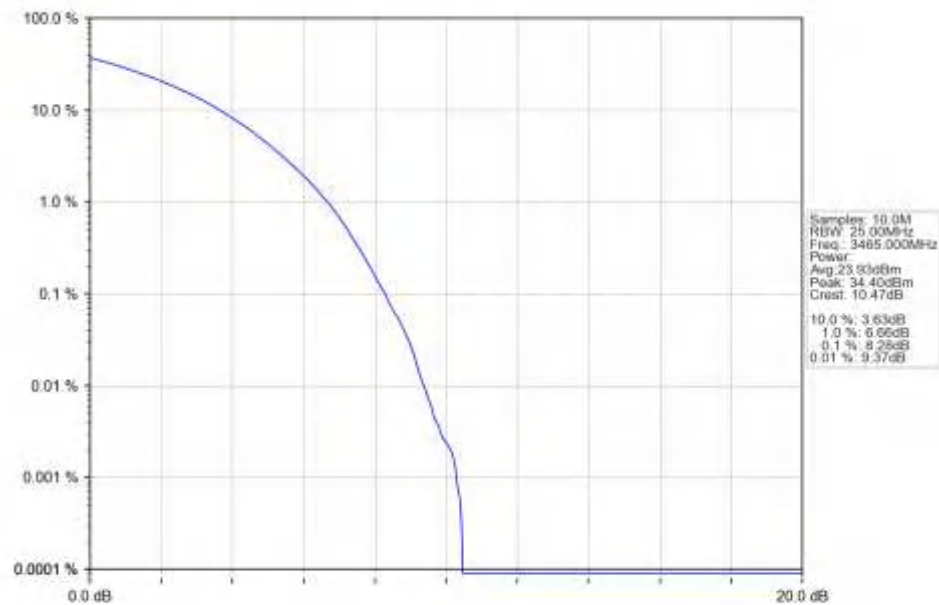
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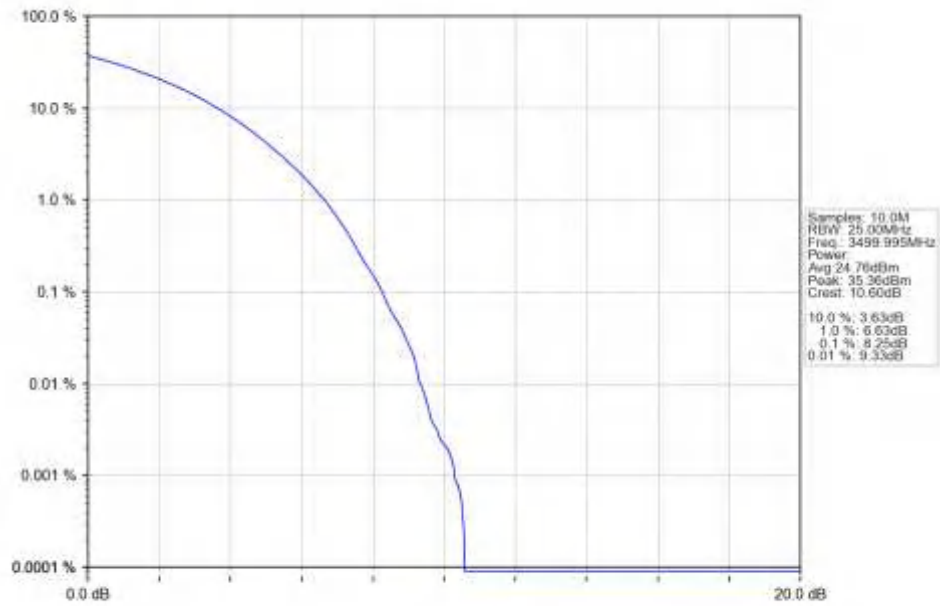
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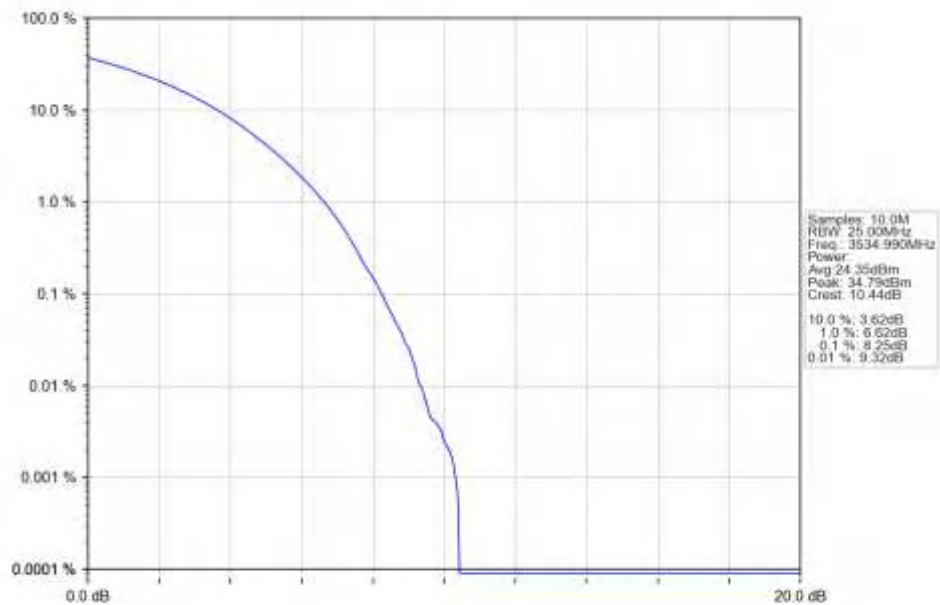
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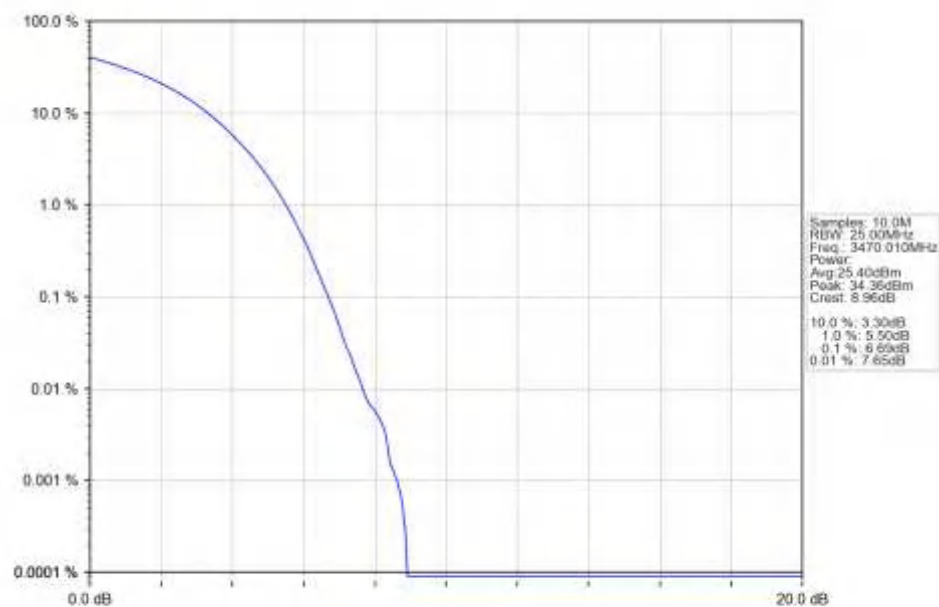


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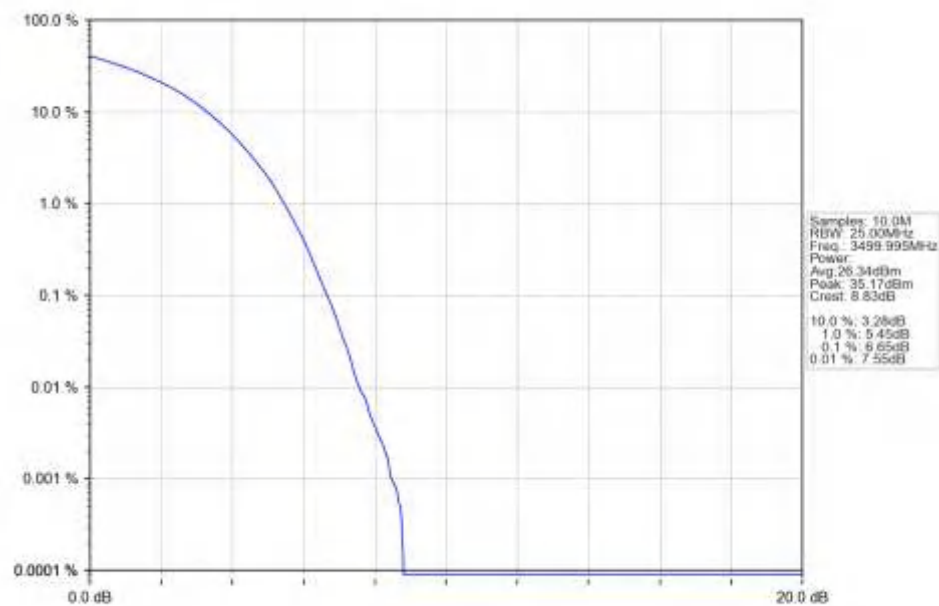


5.2.6 15k_SISO_40MHz_NTNV

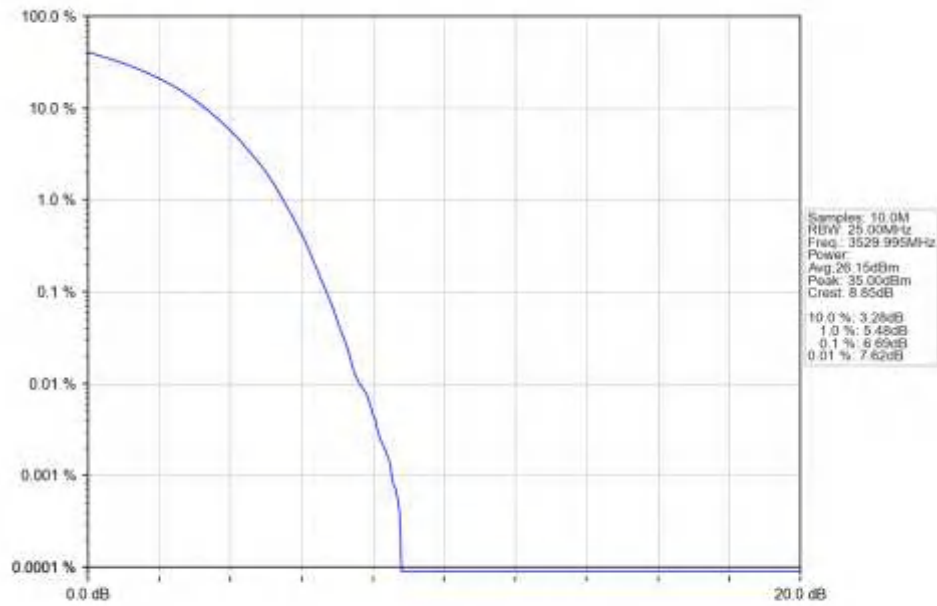
n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3470.01MHz_Outer_Full_Ant1



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3499.995MHz_Outer_Full_Ant1



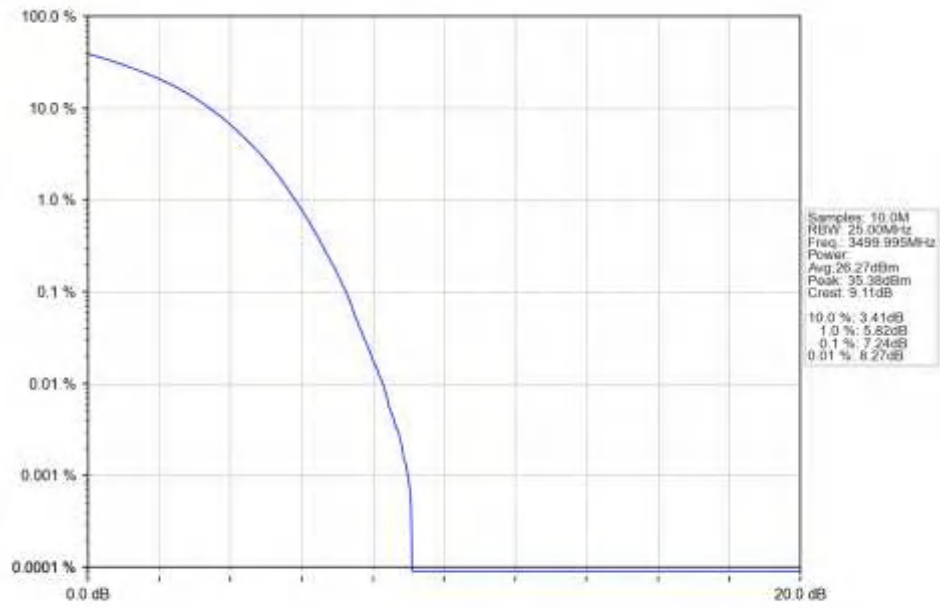
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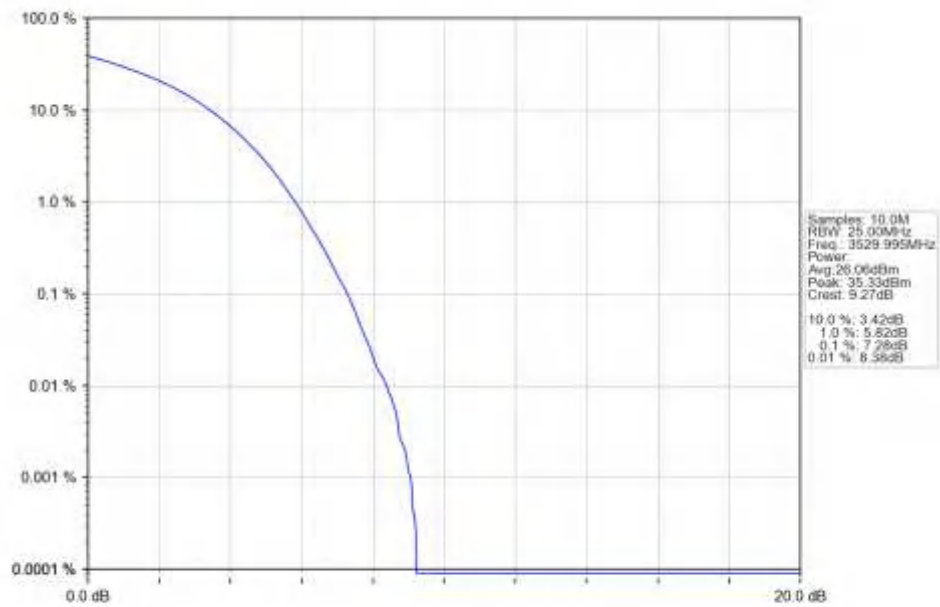
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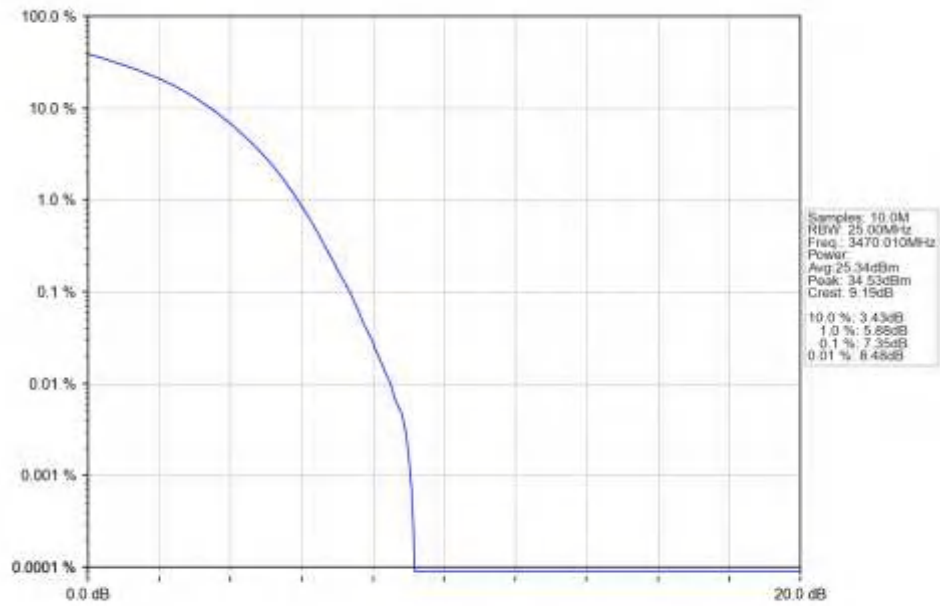
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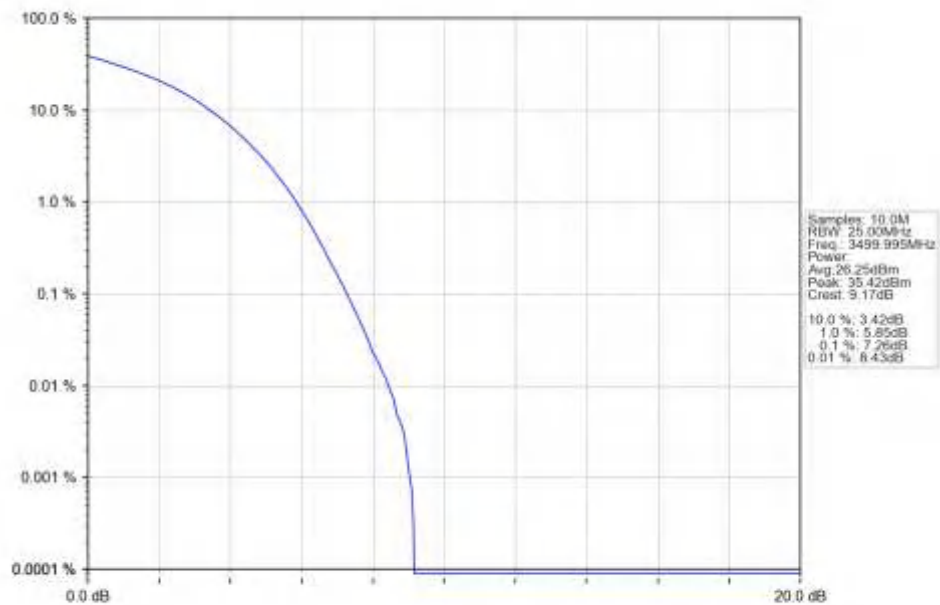
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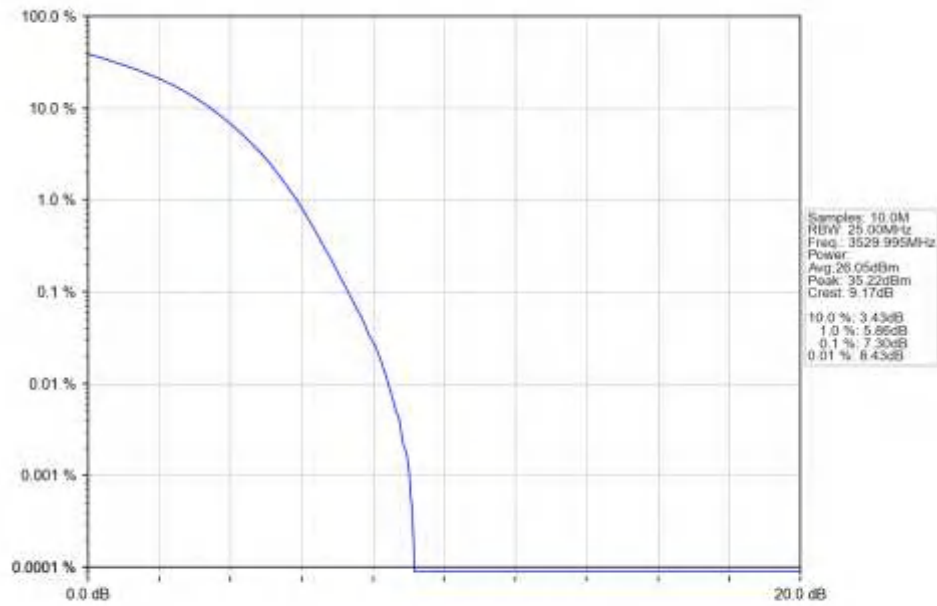
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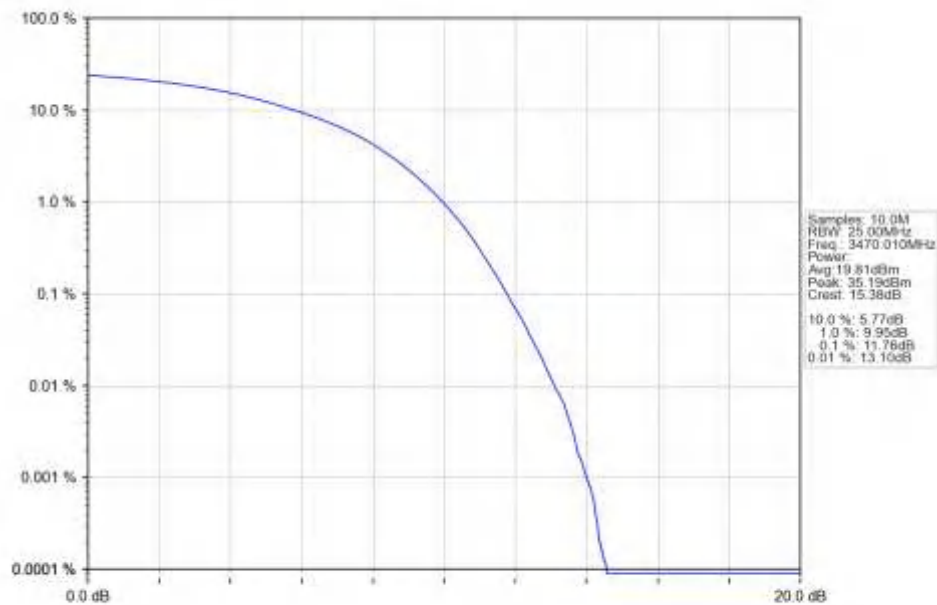
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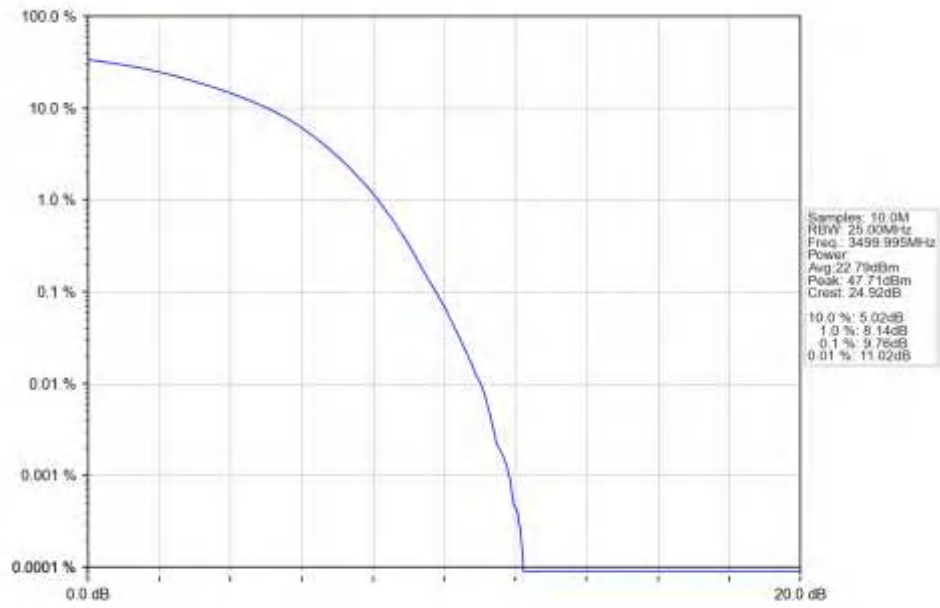
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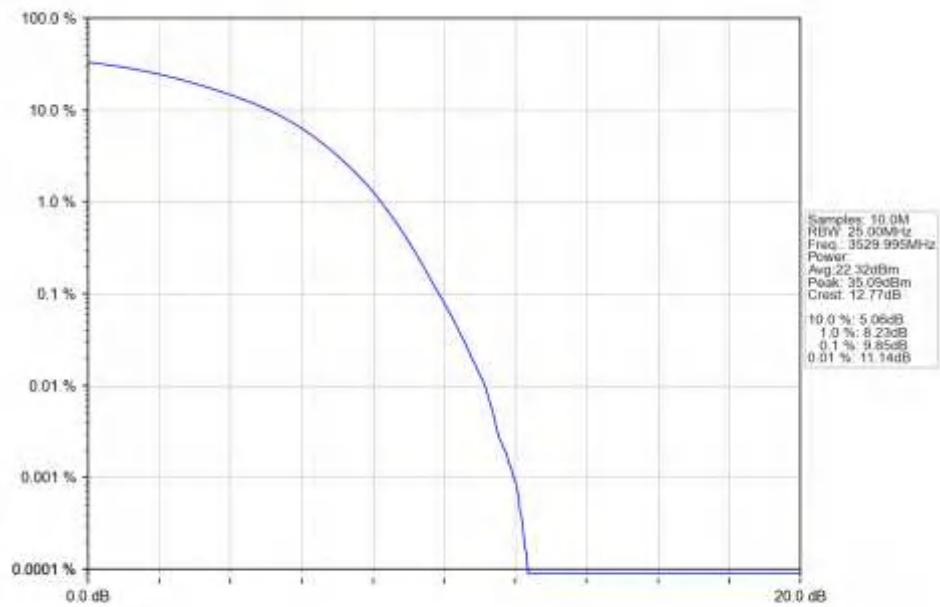
n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3470.01MHz_Outer_Full_Ant1



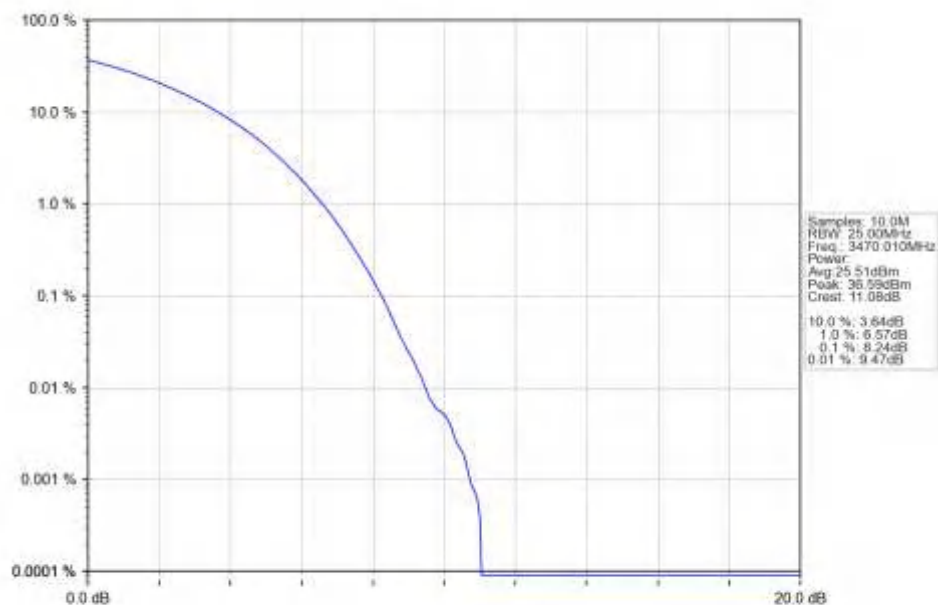
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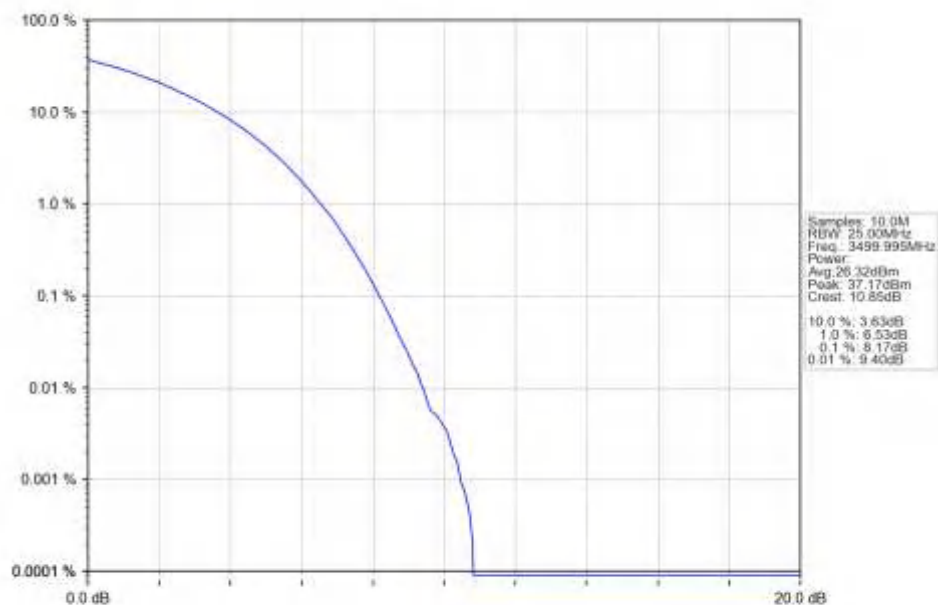
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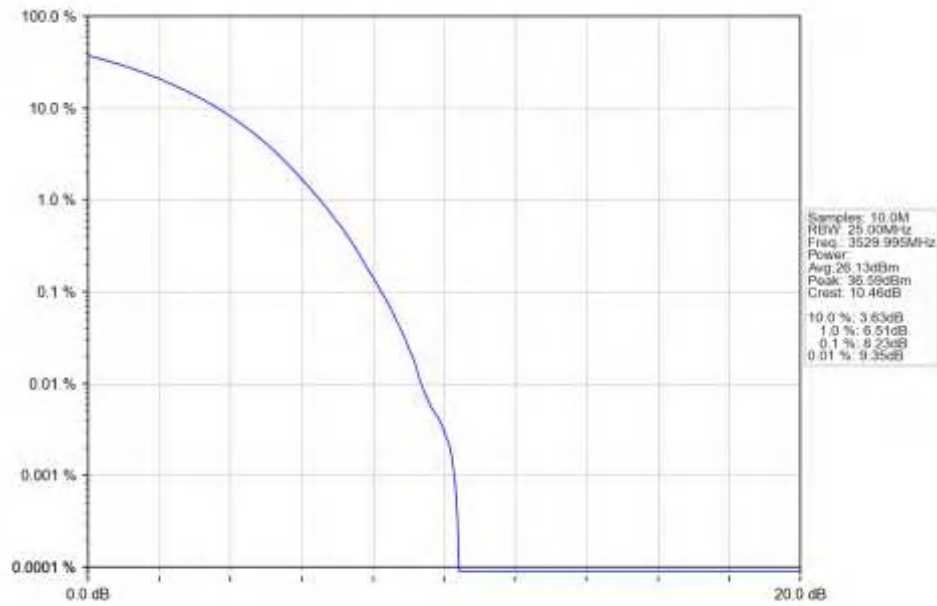
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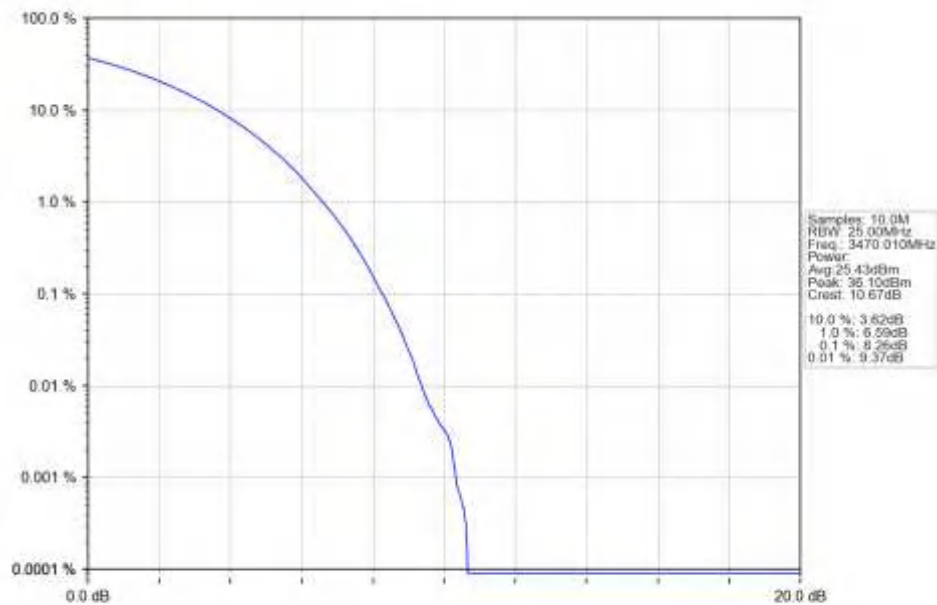
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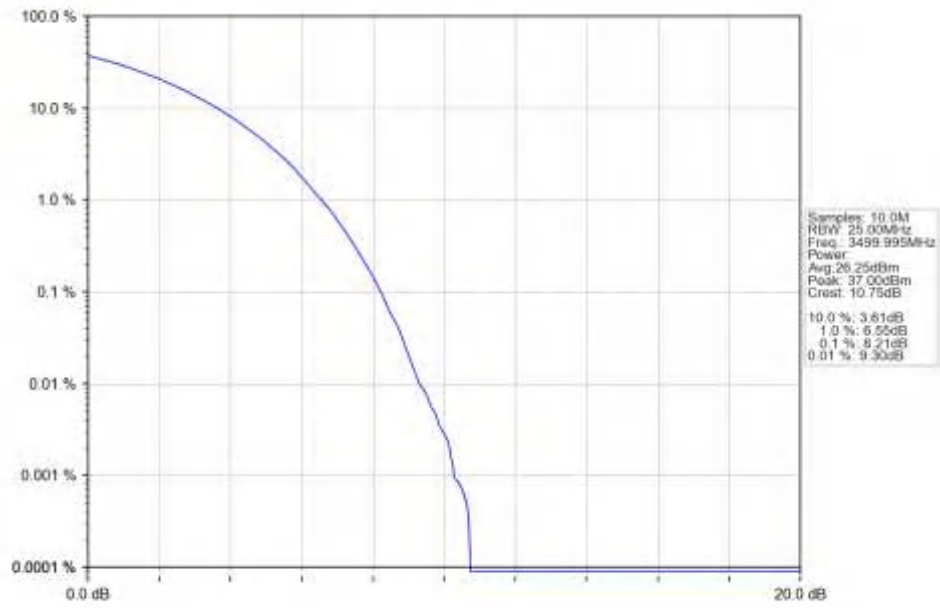
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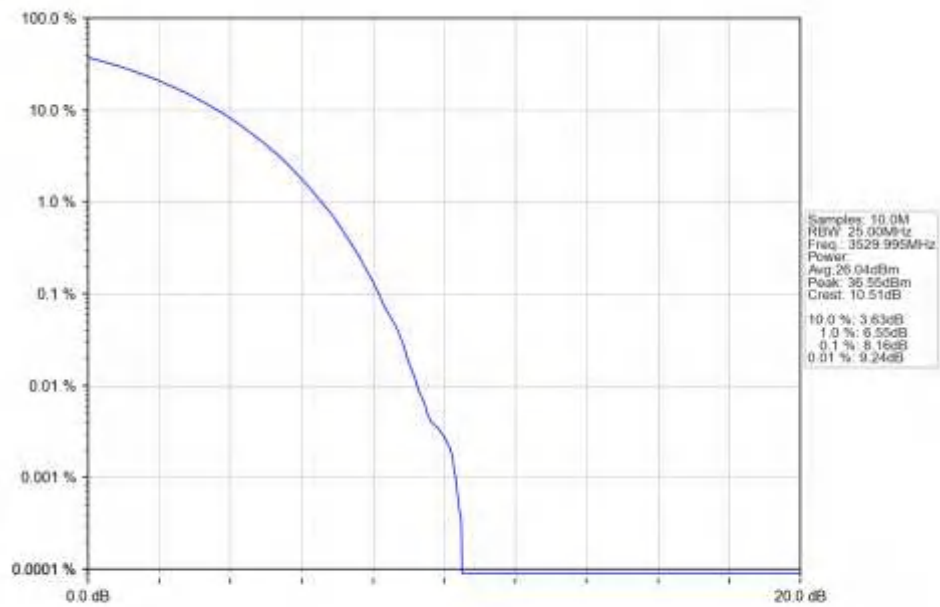
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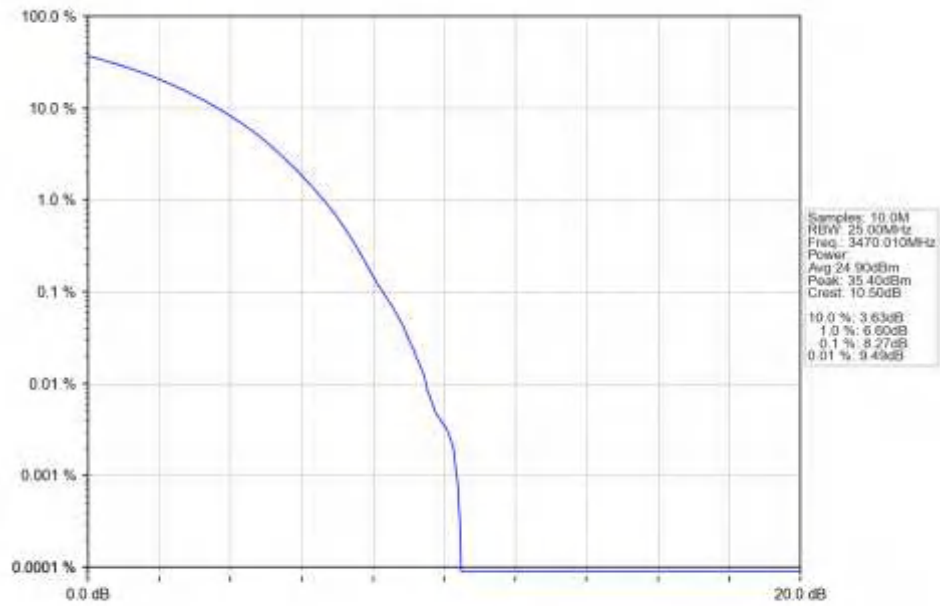
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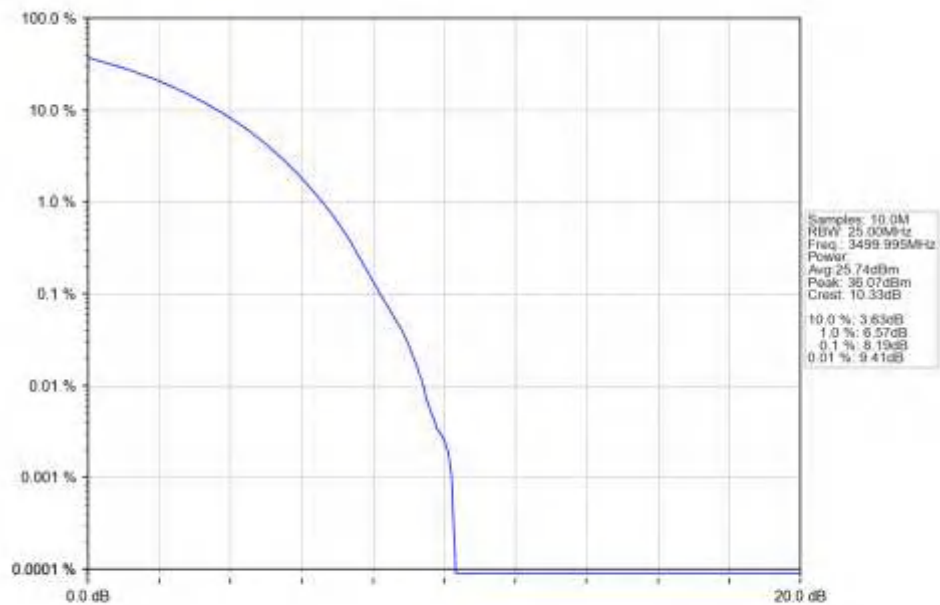
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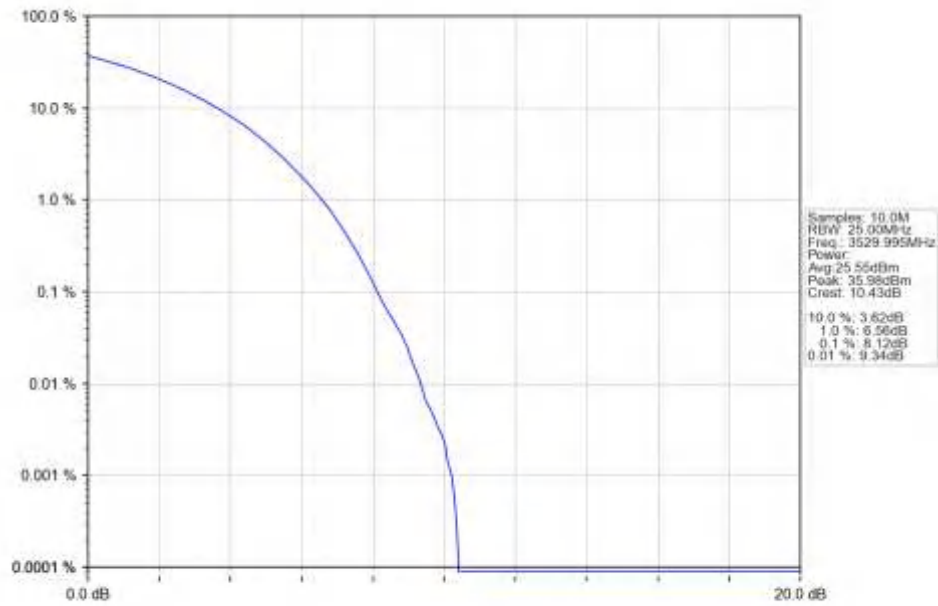
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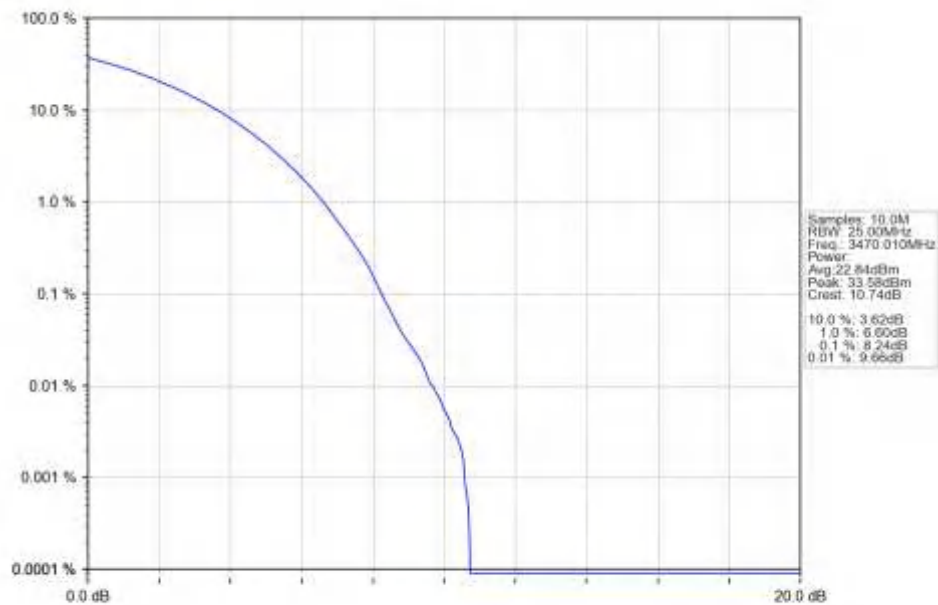
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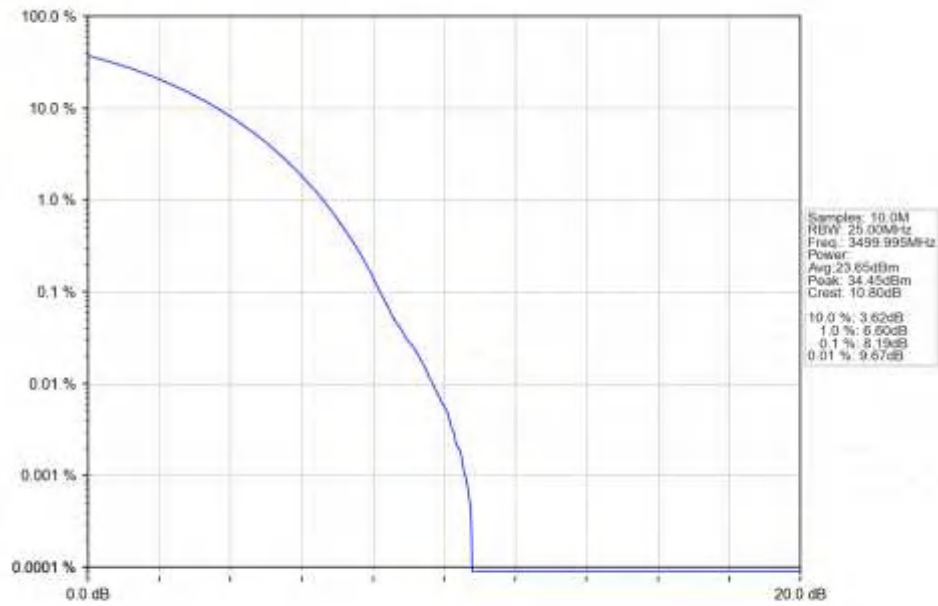
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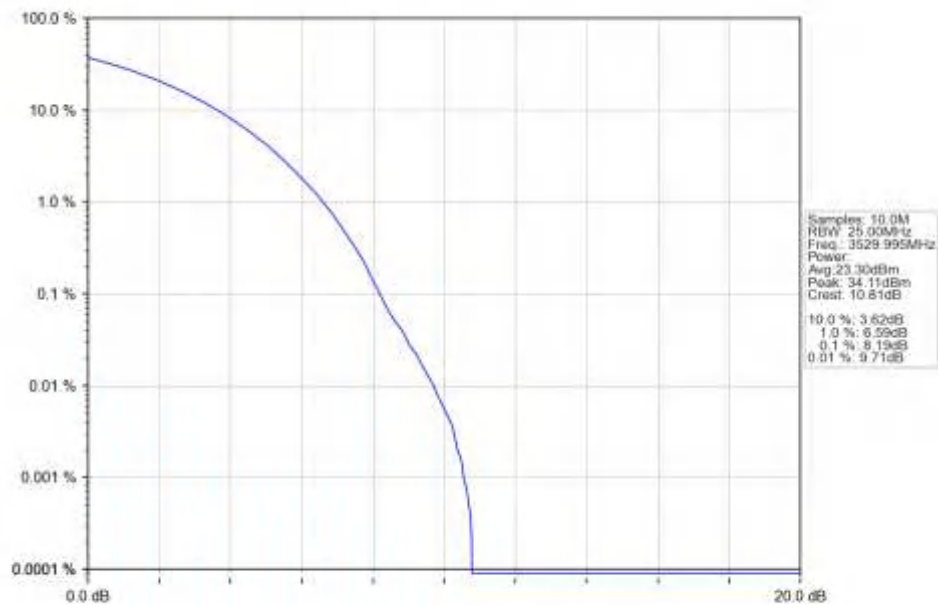
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n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3499.995MHz_Outer_Full_Ant1

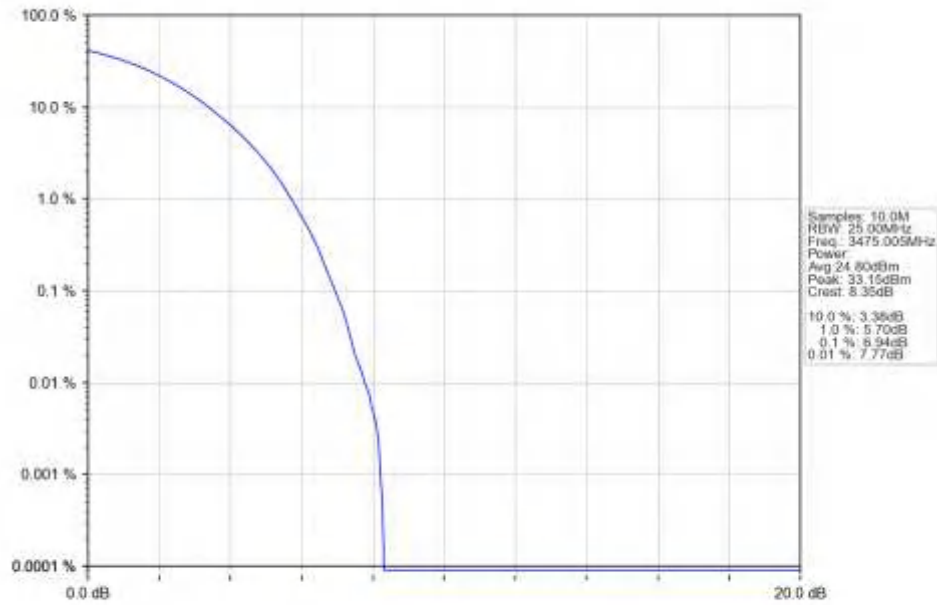


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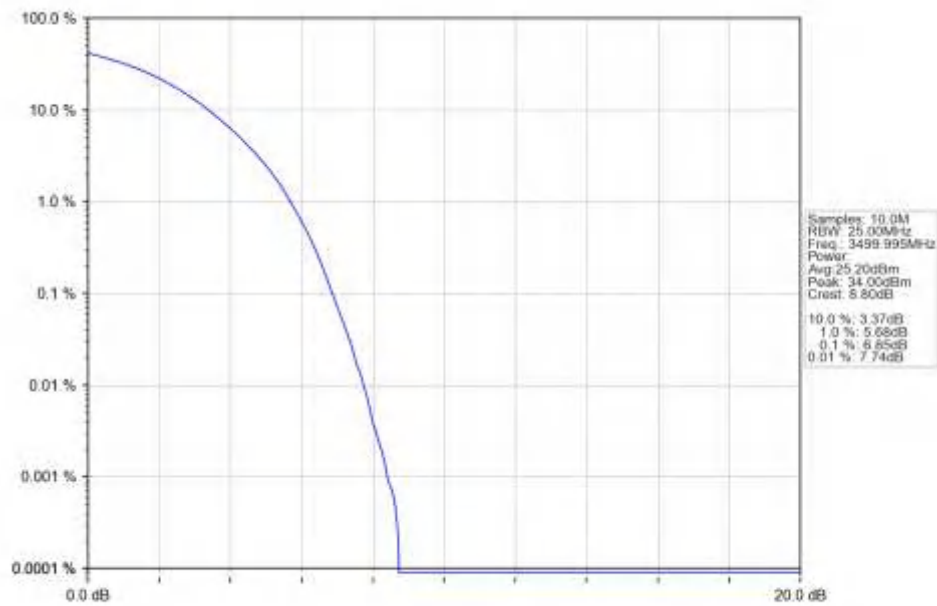


5.2.7 15k_SISO_50MHz_NTNV

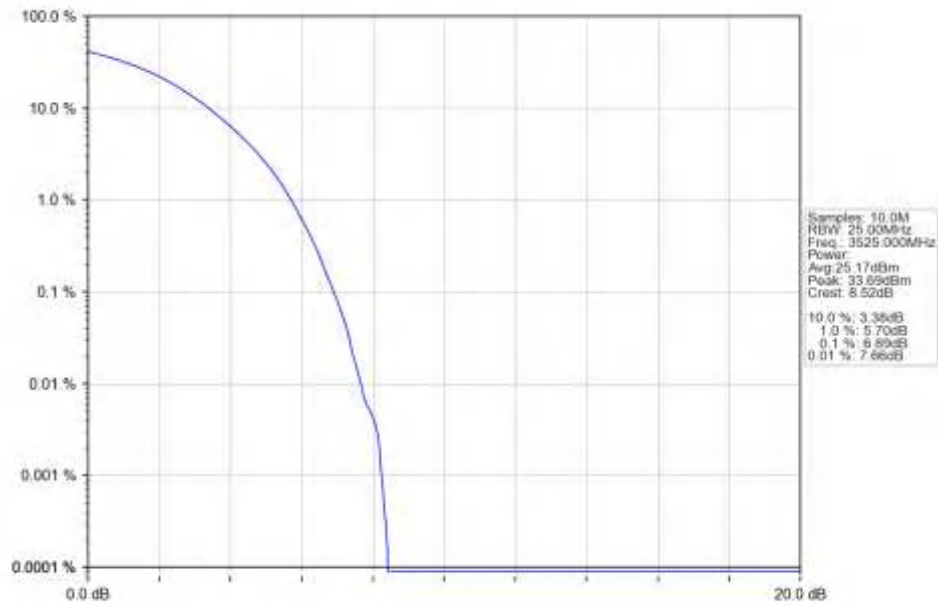
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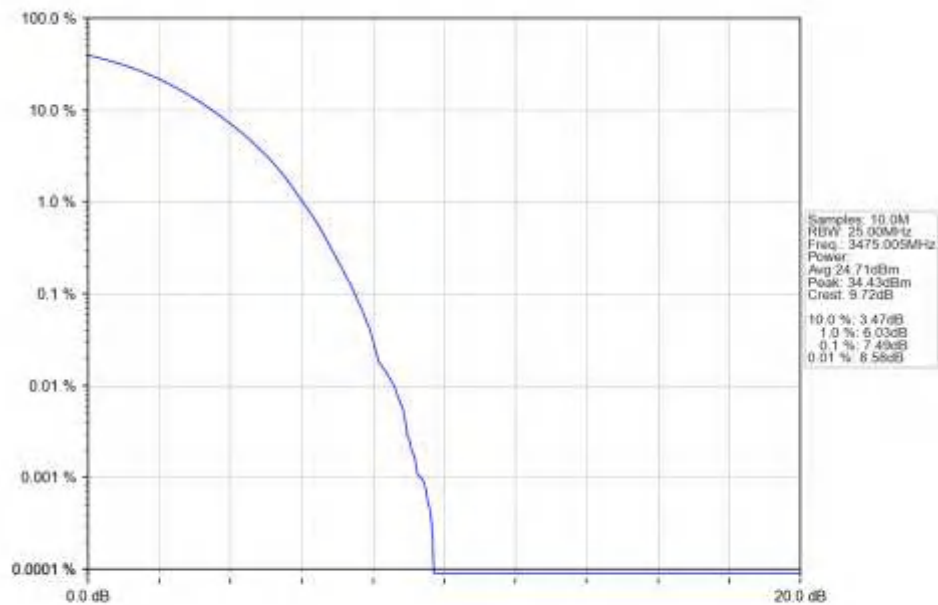
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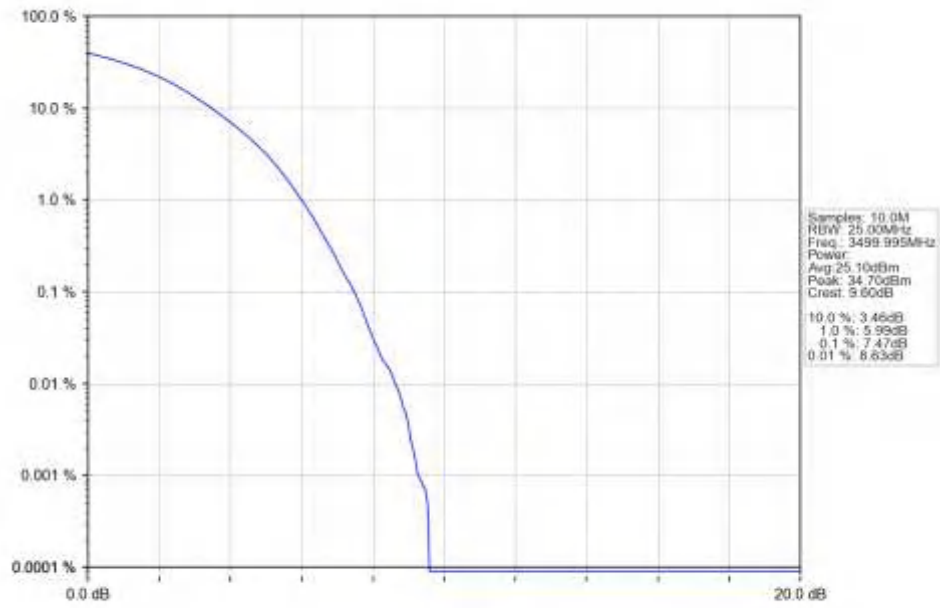
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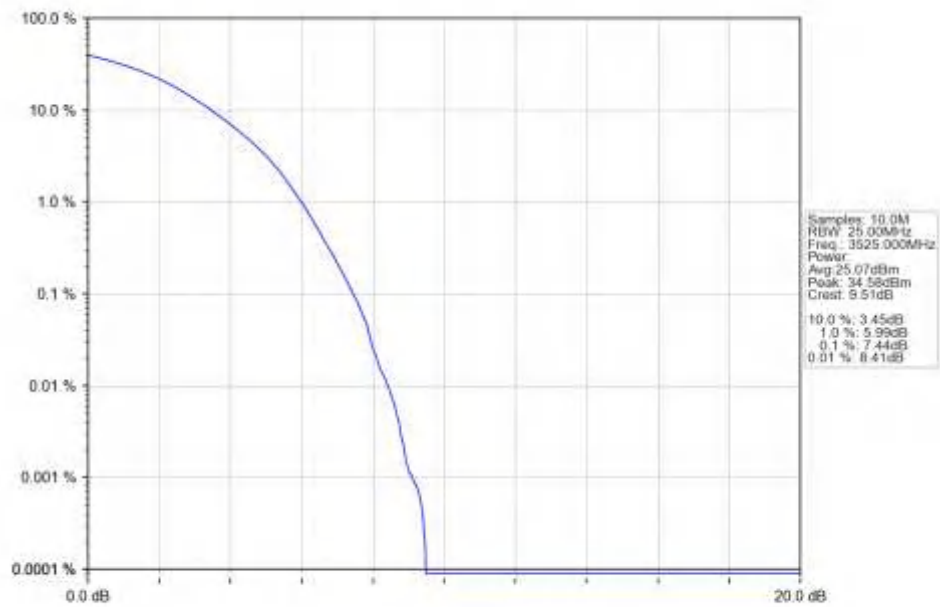
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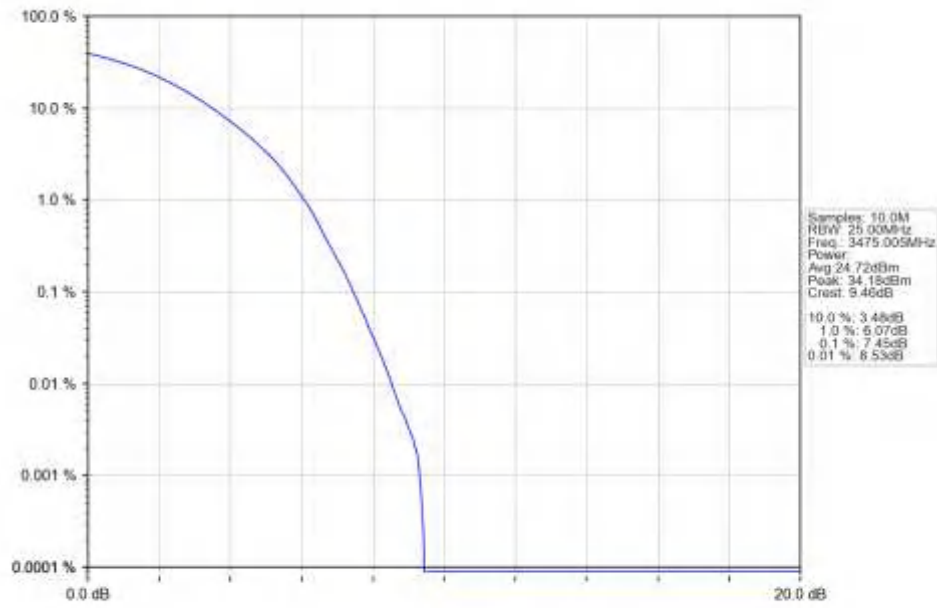
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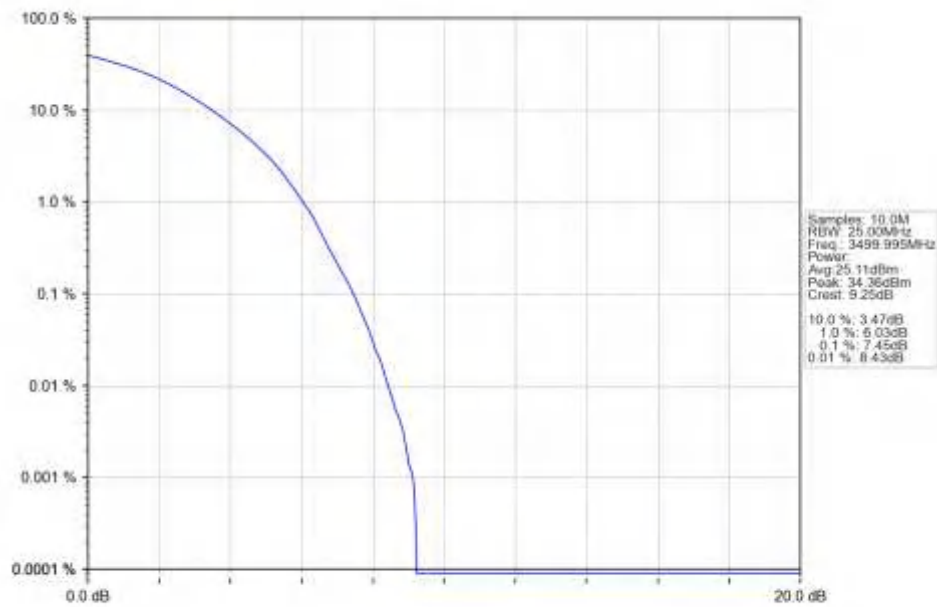
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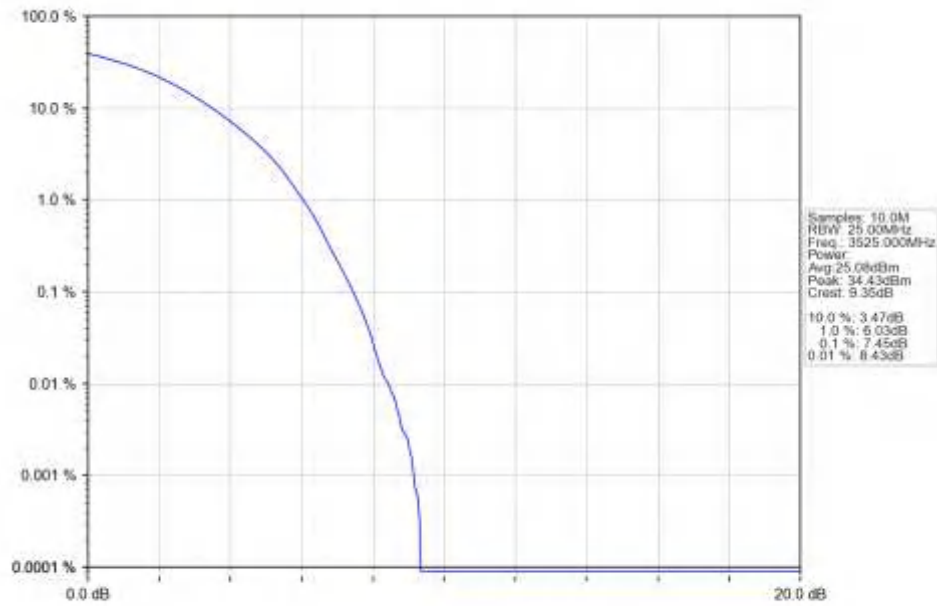
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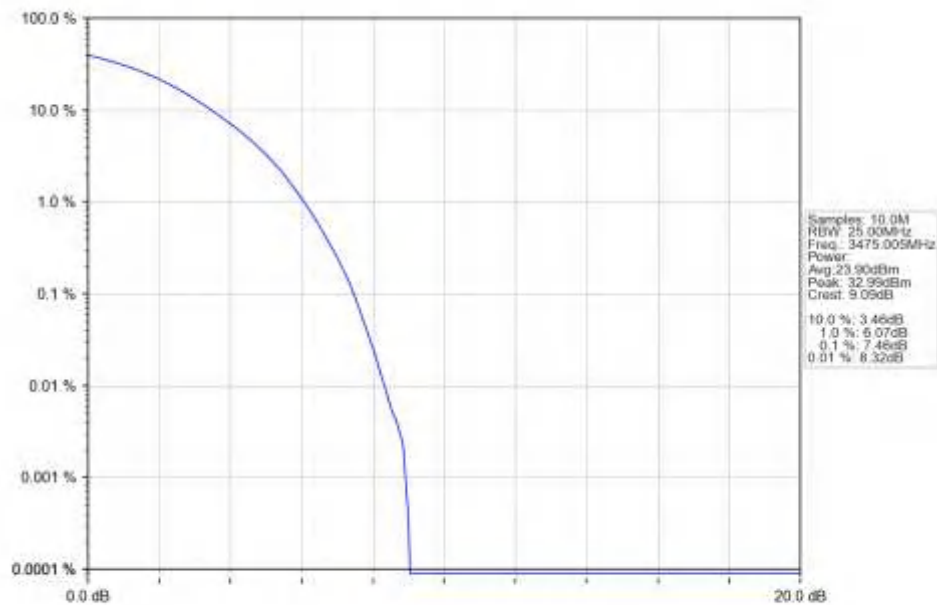
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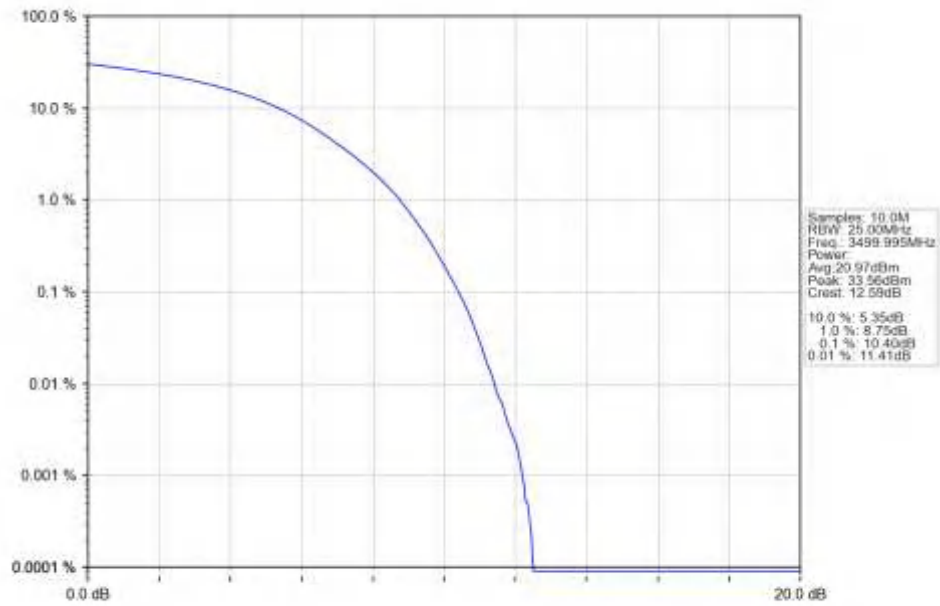
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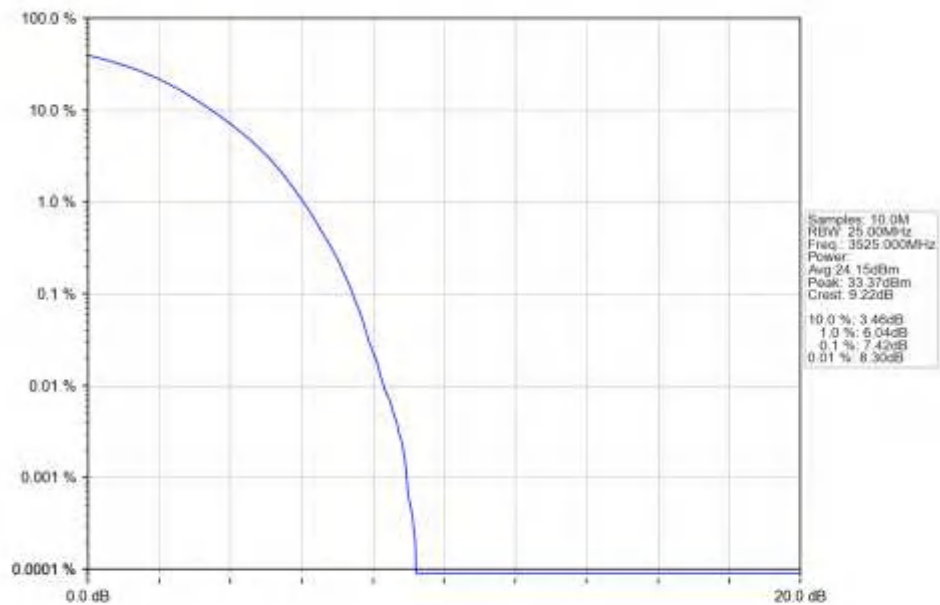
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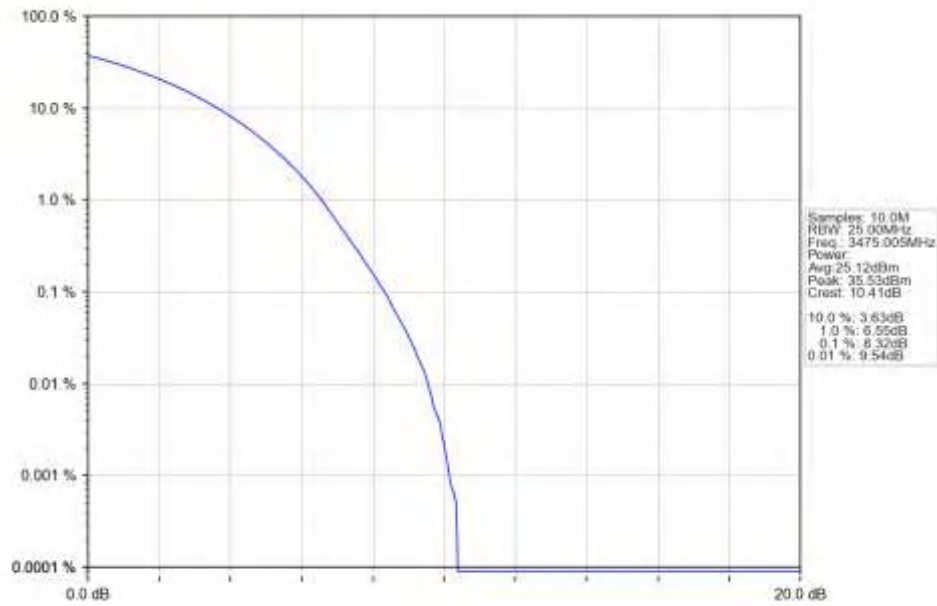
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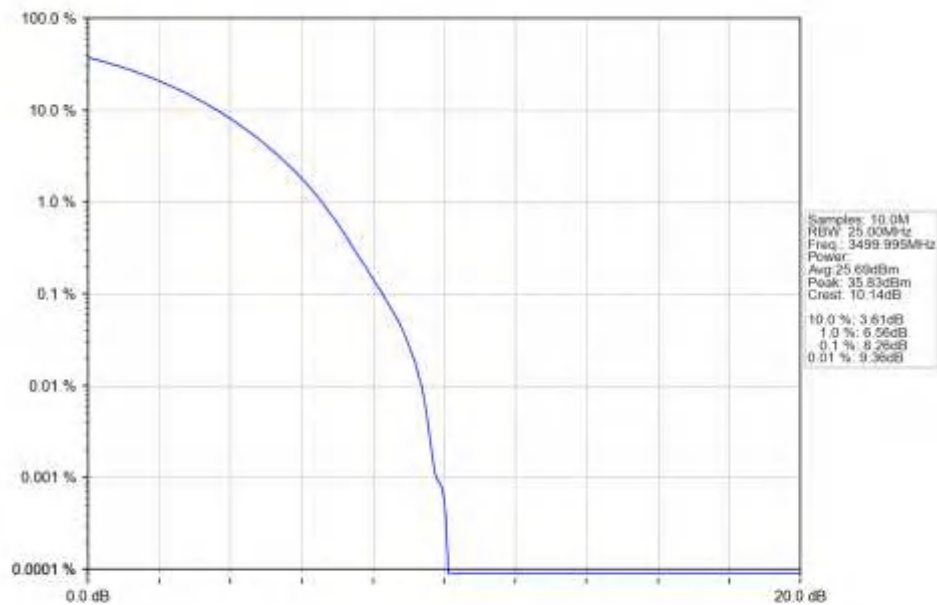
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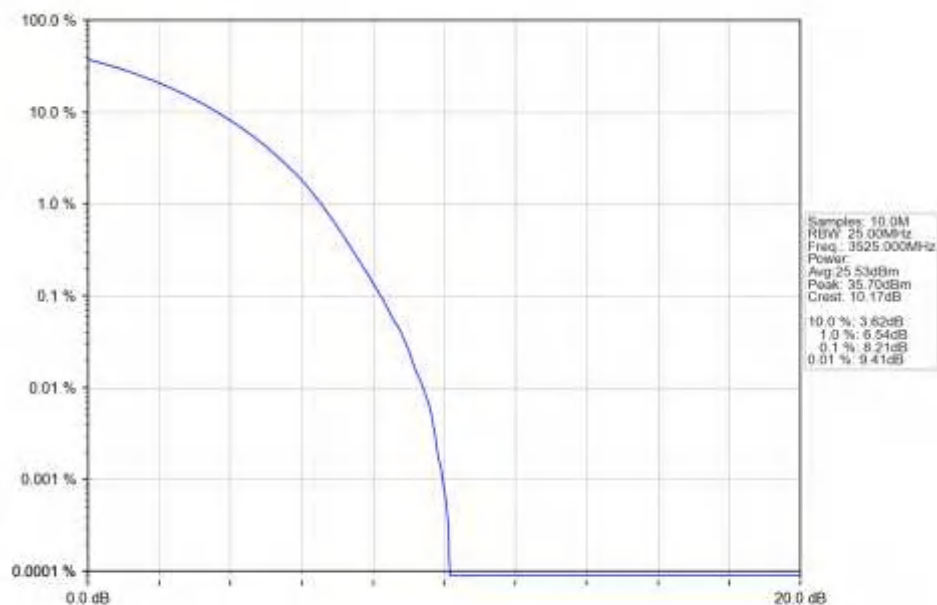
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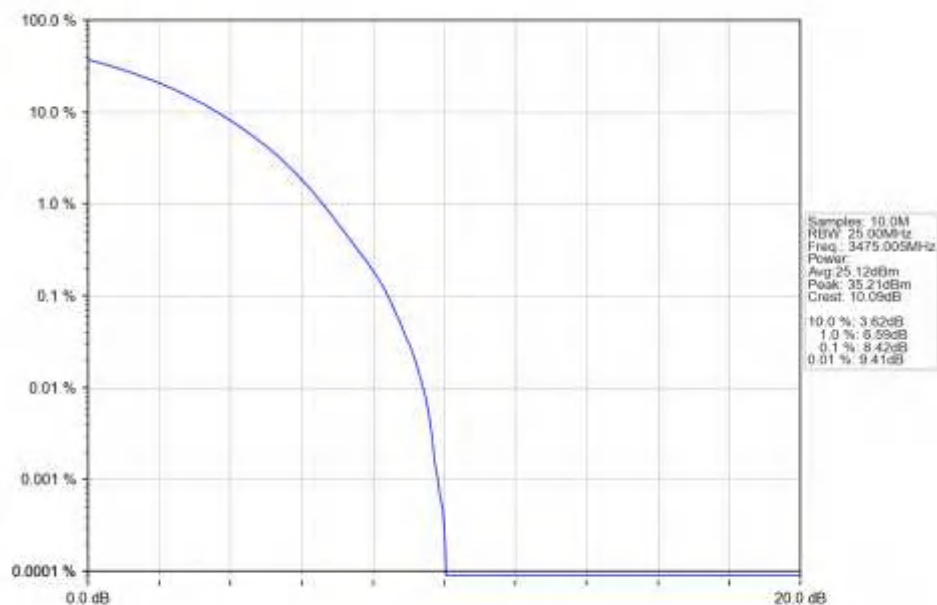
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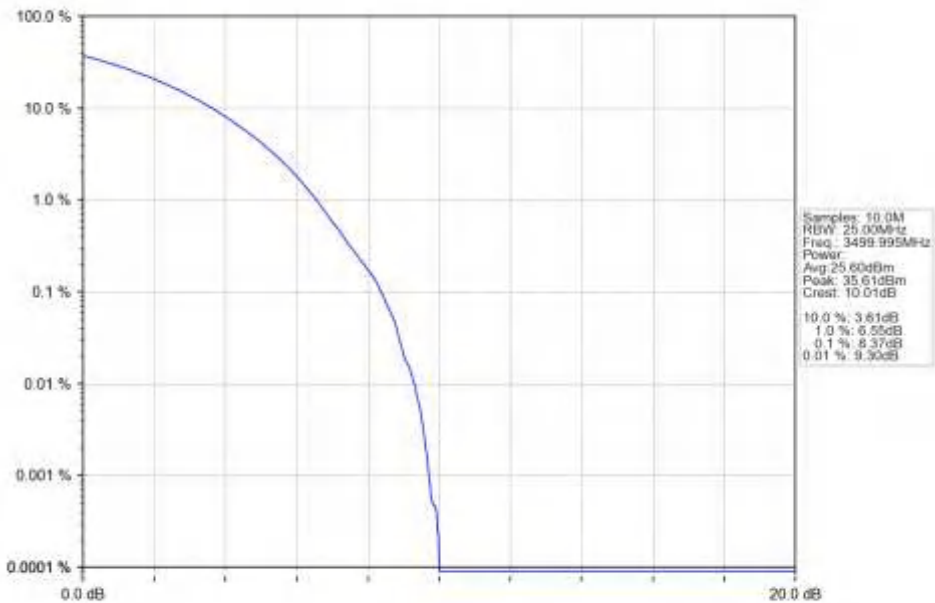
n77d 15kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Outer Full Ant1



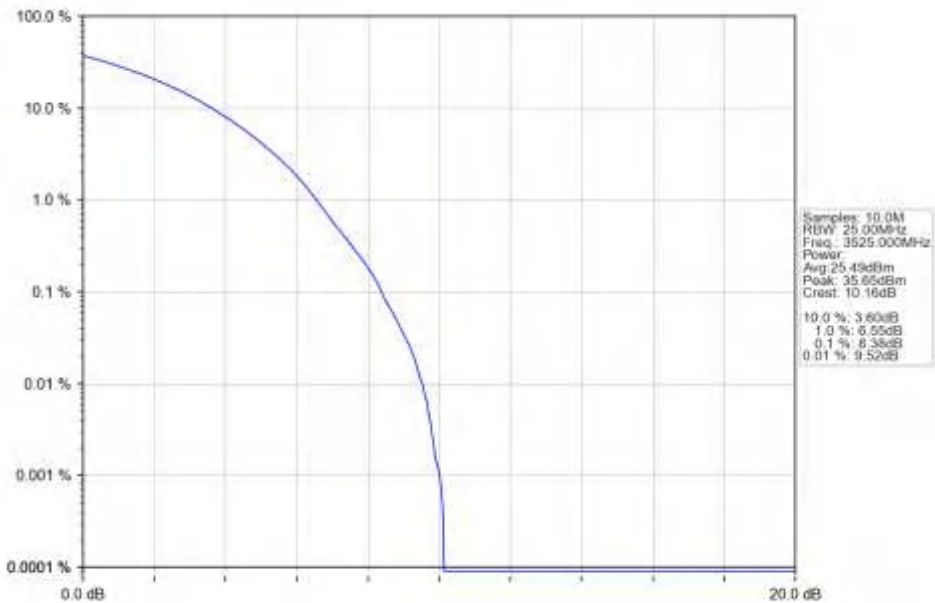
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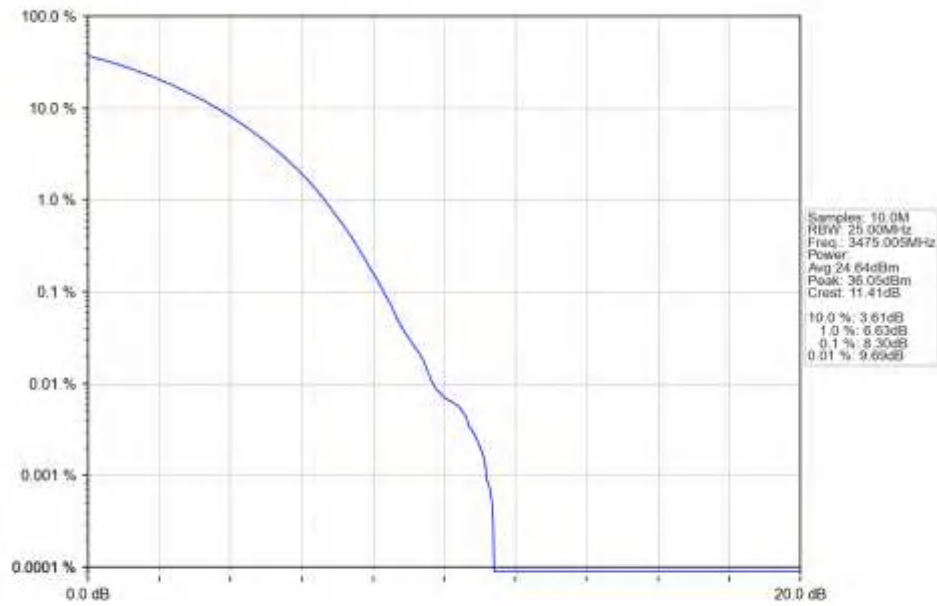
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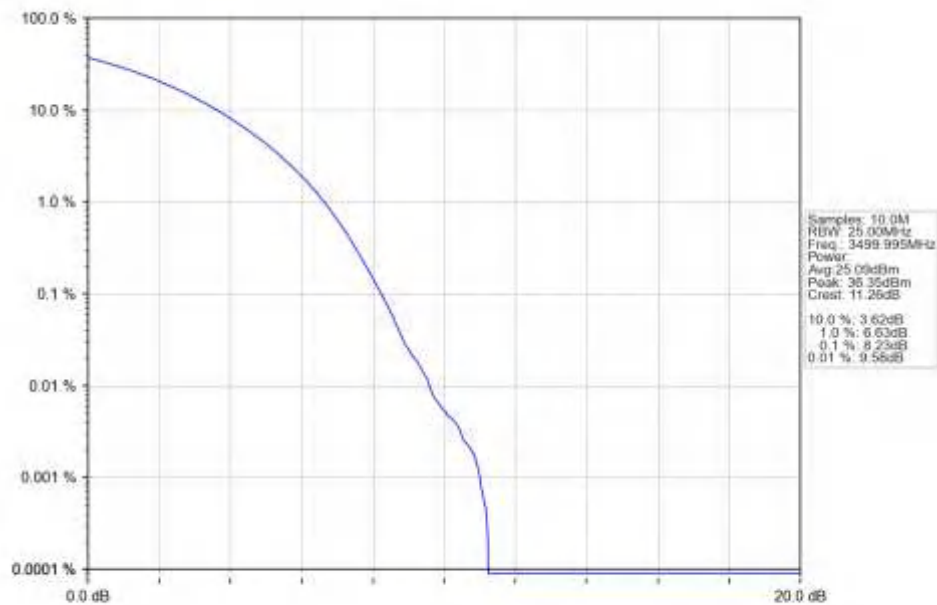
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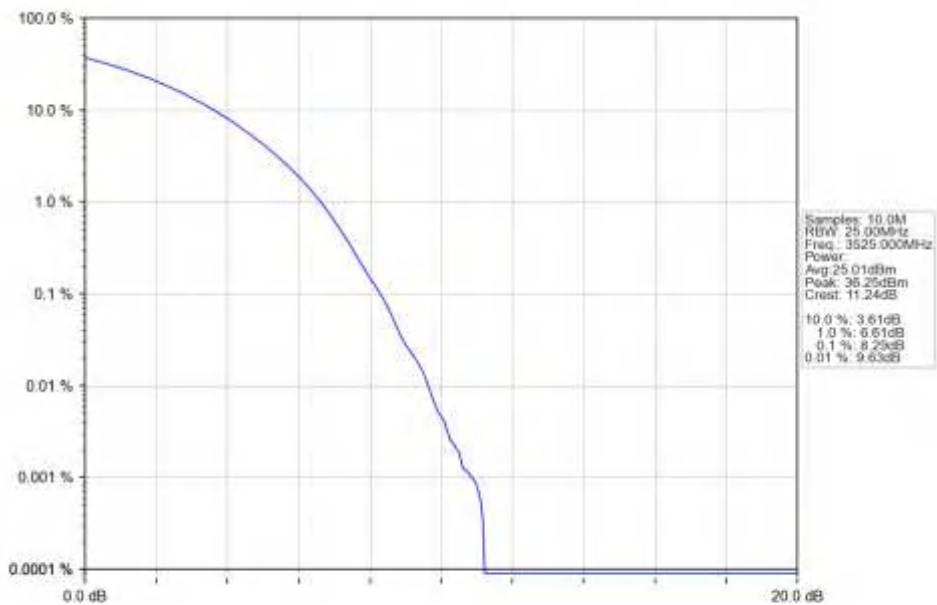
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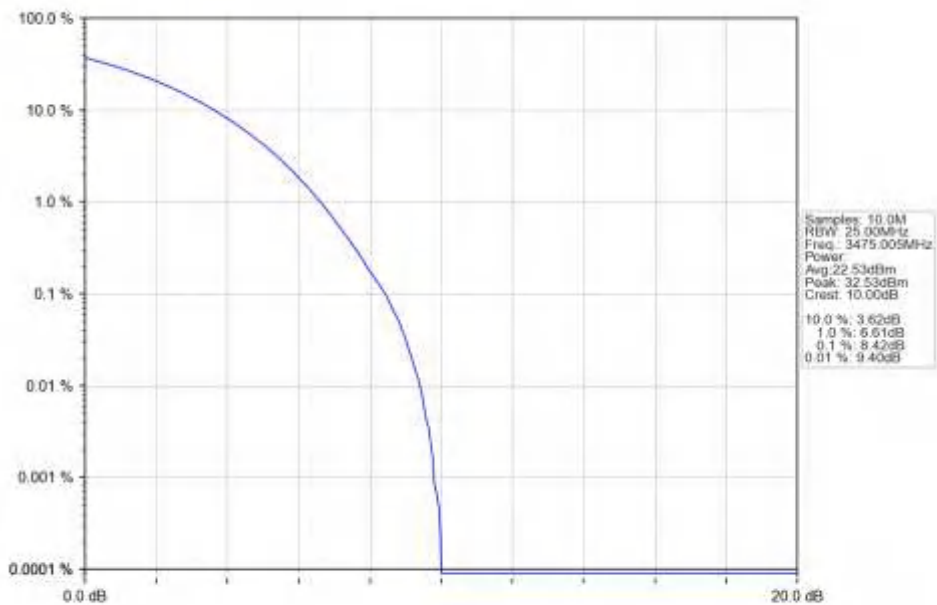
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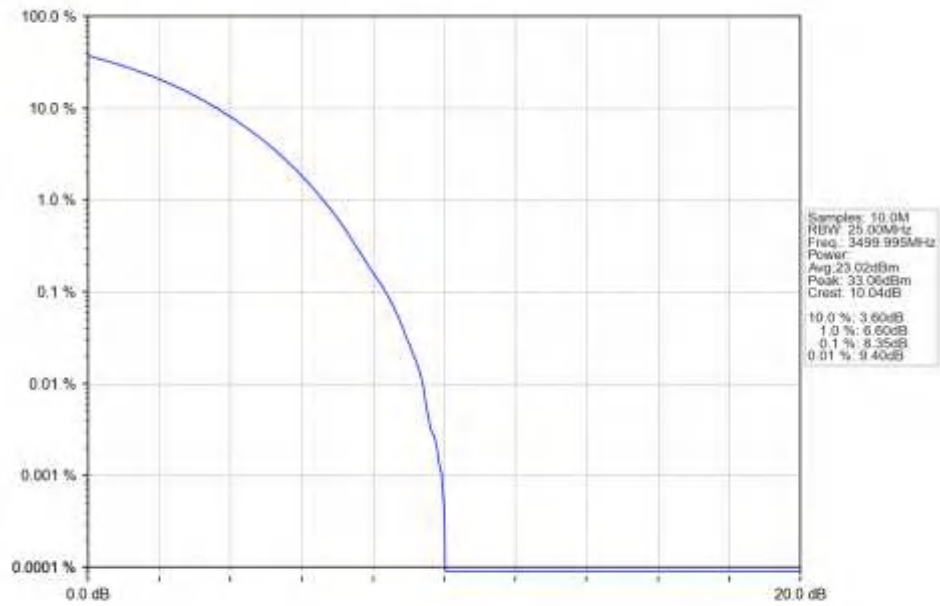
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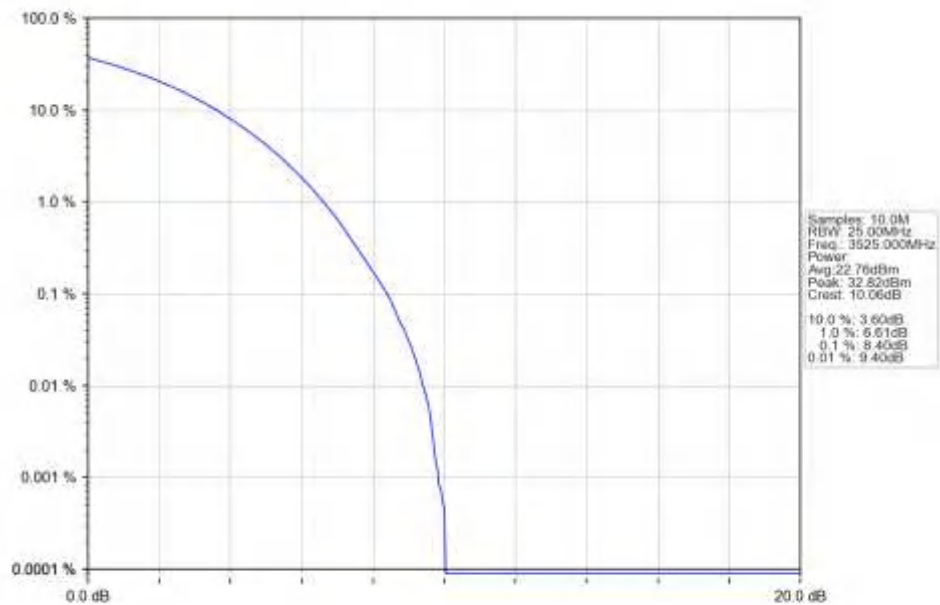
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n77d_15kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3499.995MHz_Outer_Full_Ant1

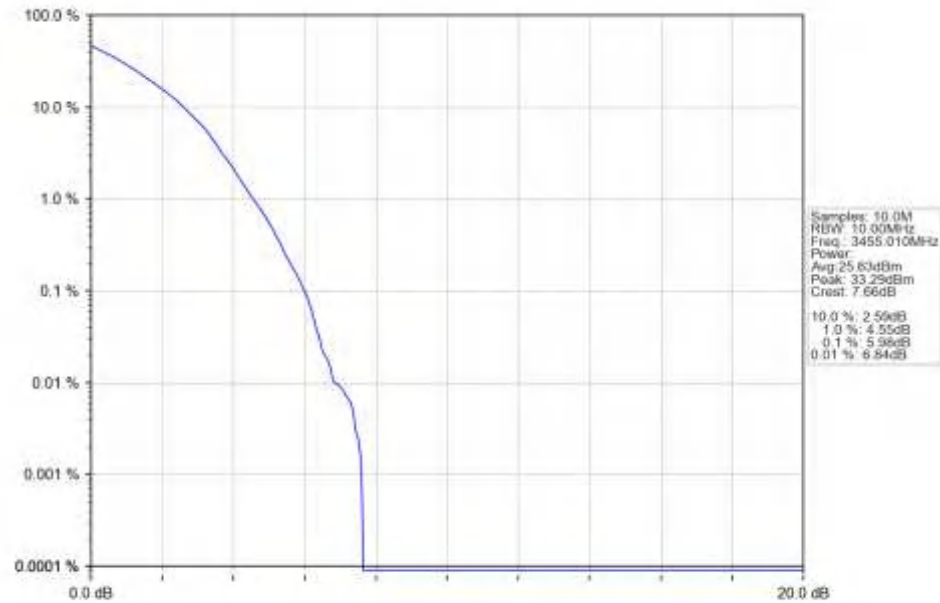


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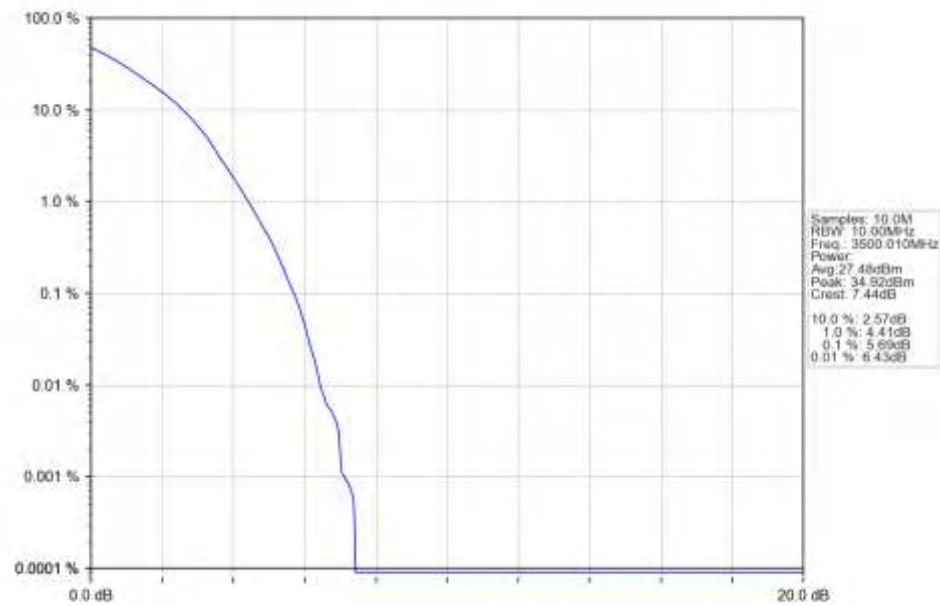


5.2.8 30k_SISO_10MHz_NTNV

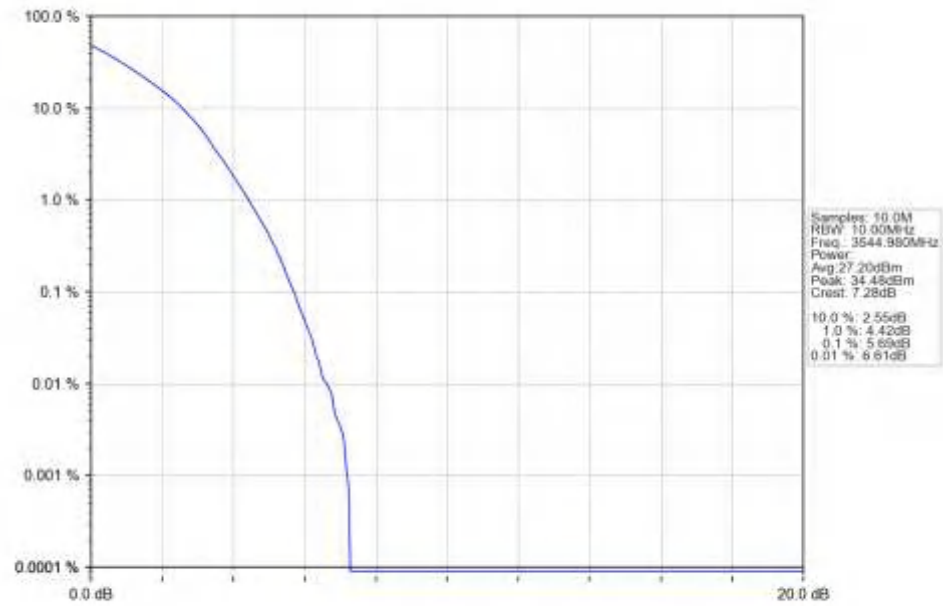
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3455.01MHz_Outer_Full_Ant1



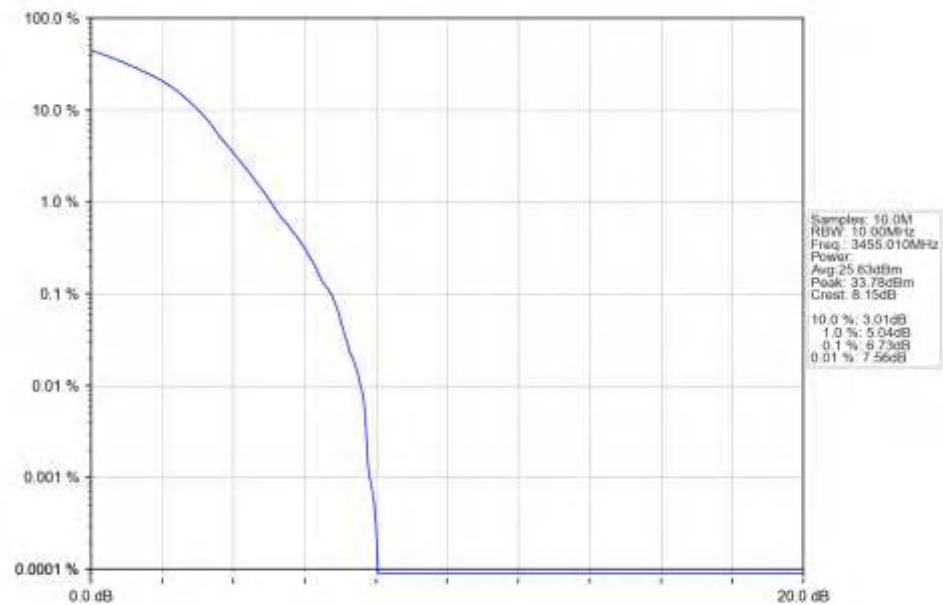
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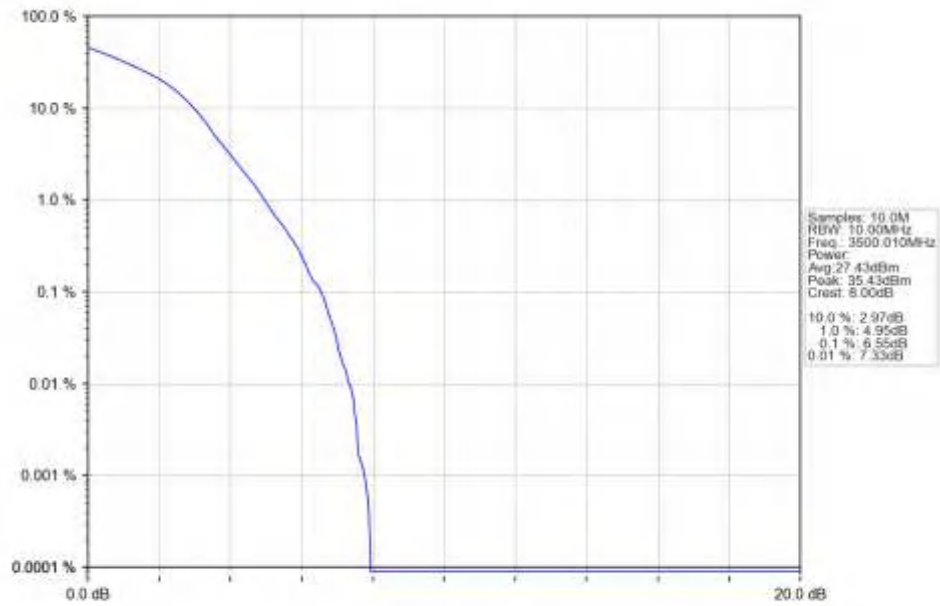
n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3544.98MHz Outer Full Ant1



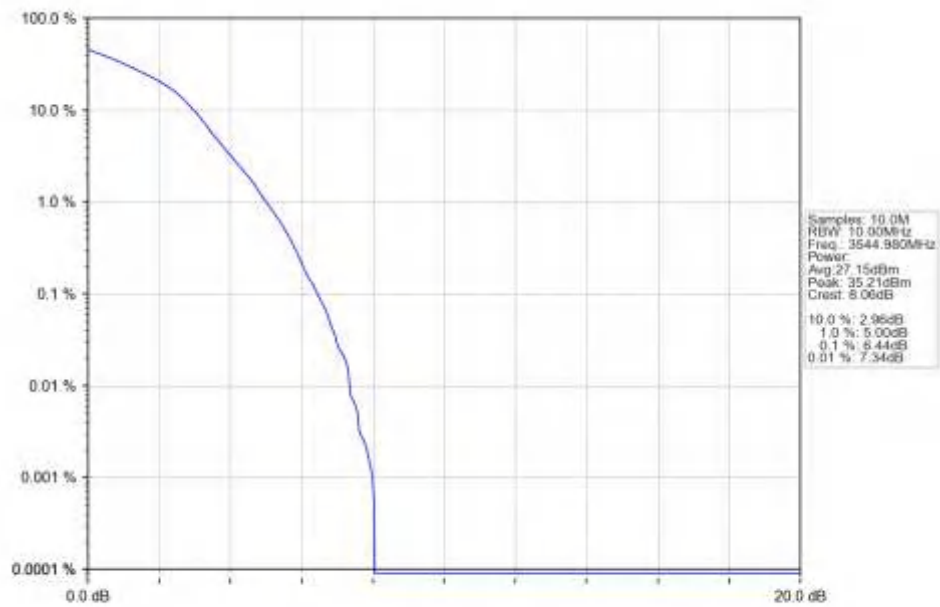
n77d 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3455.01MHz Outer Full Ant1



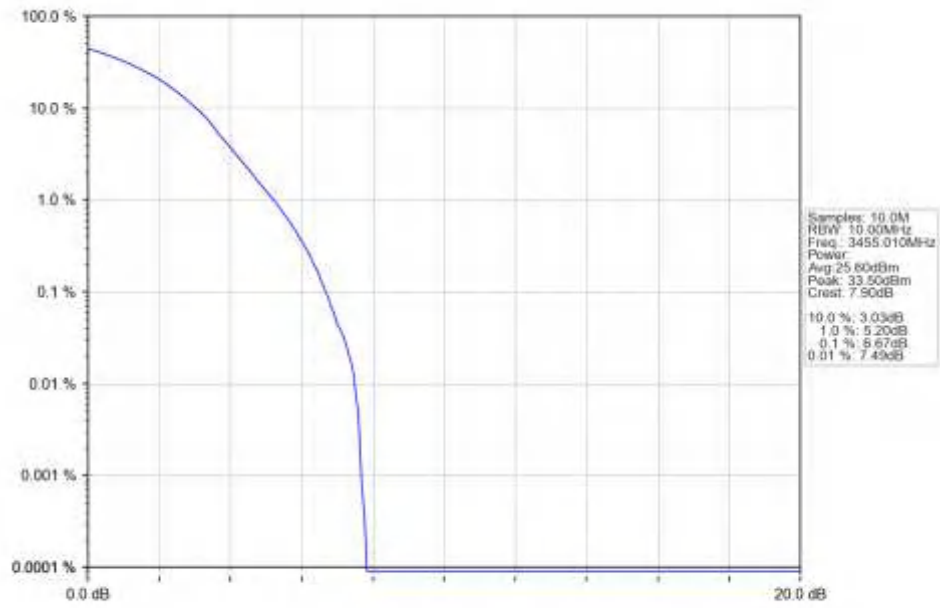
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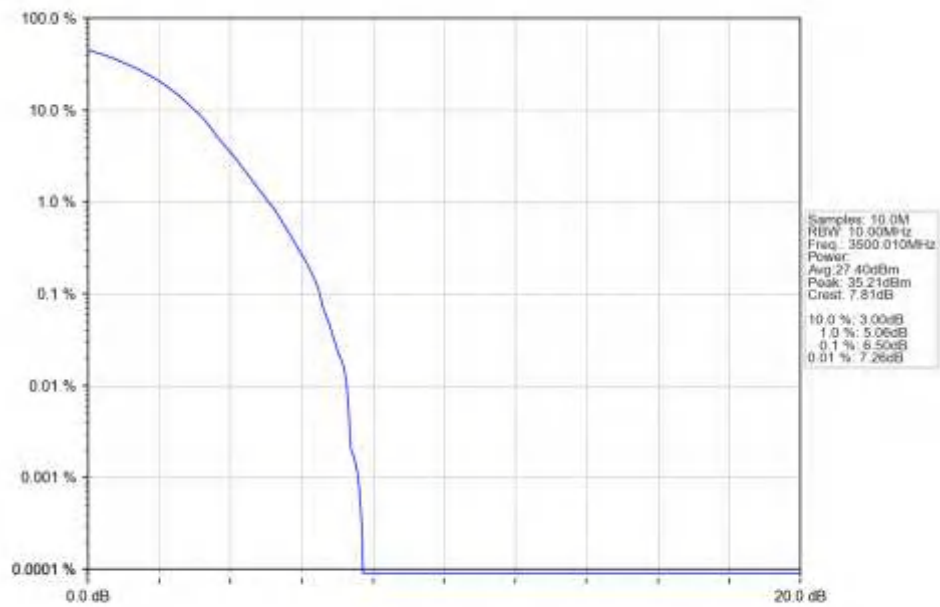
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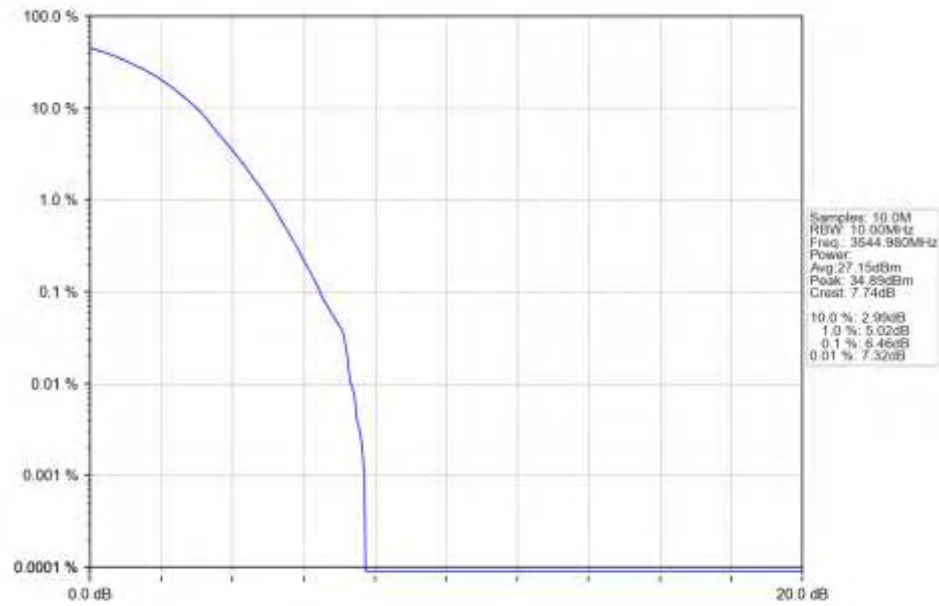
n77d 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3455.01MHz Outer Full Ant1



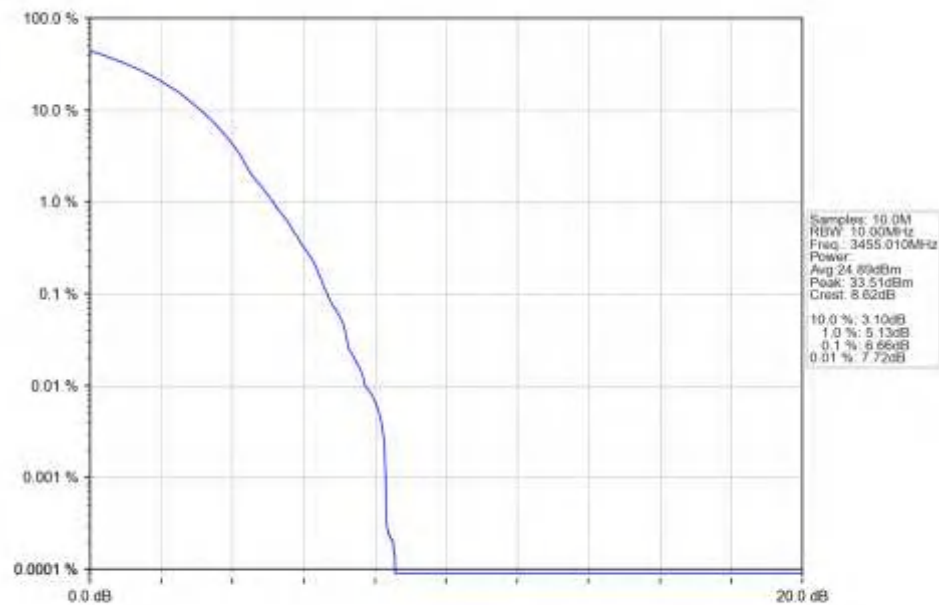
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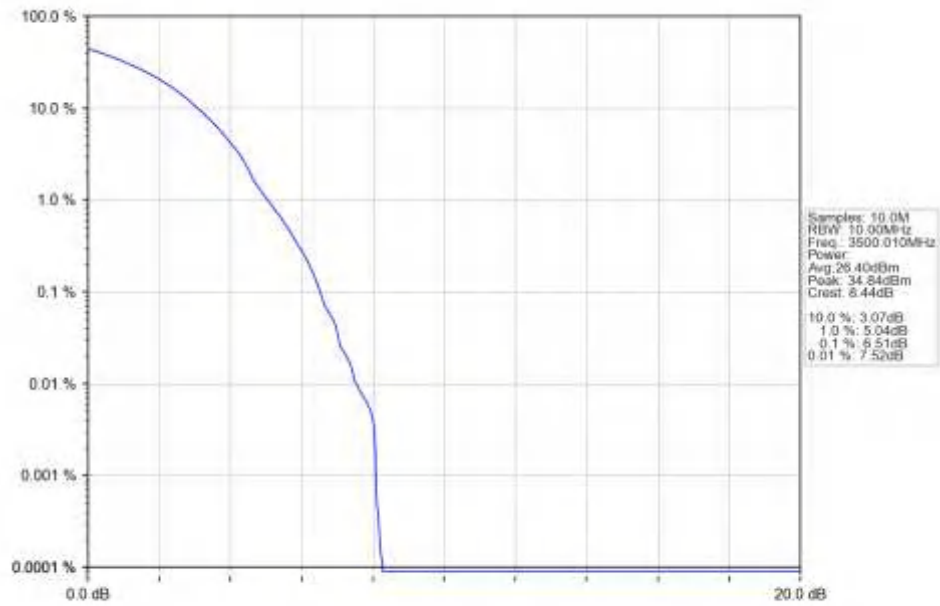
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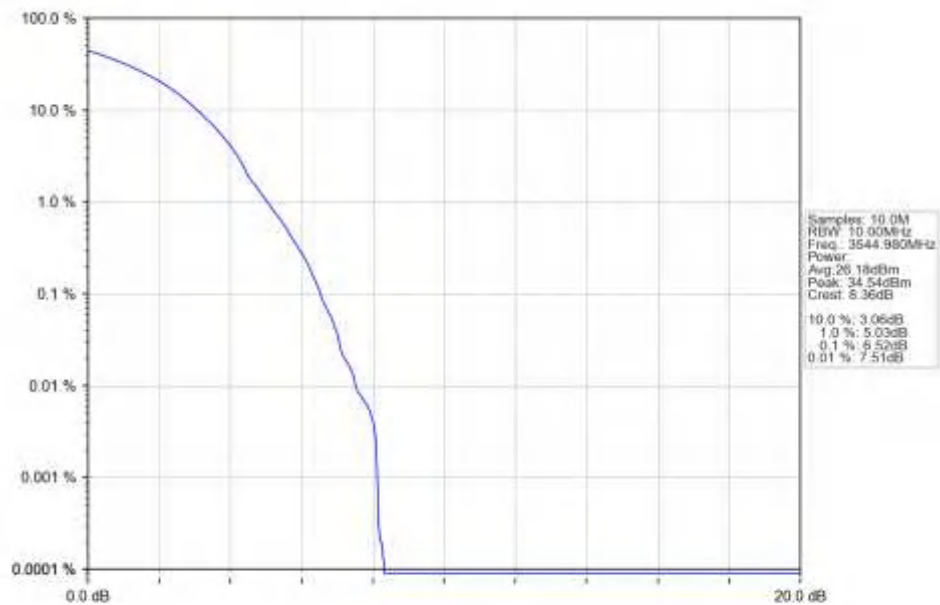
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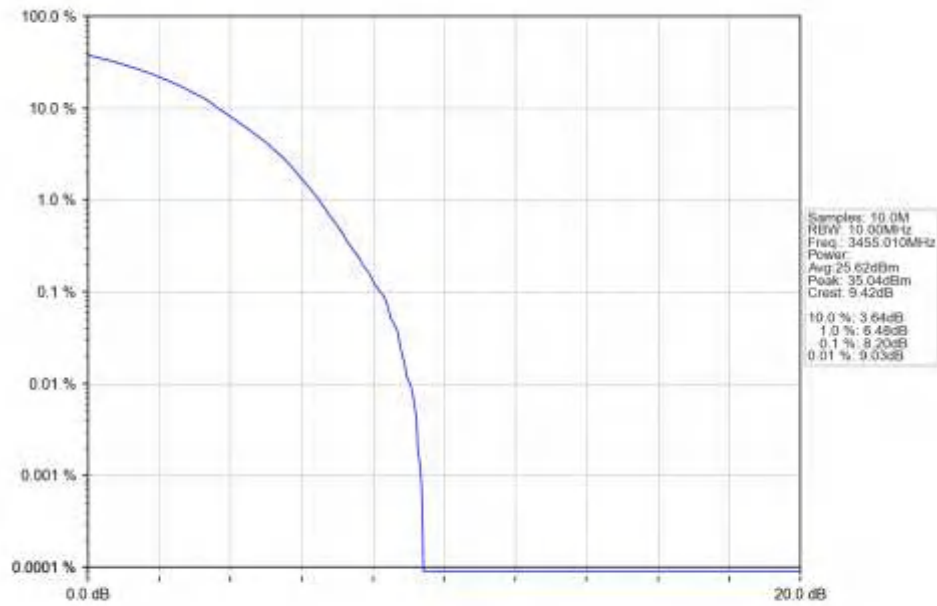
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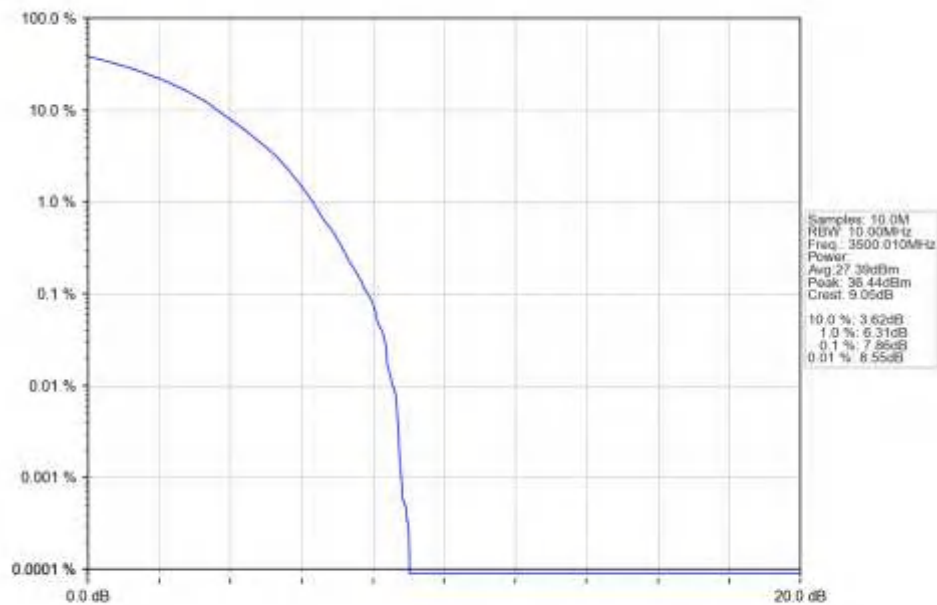
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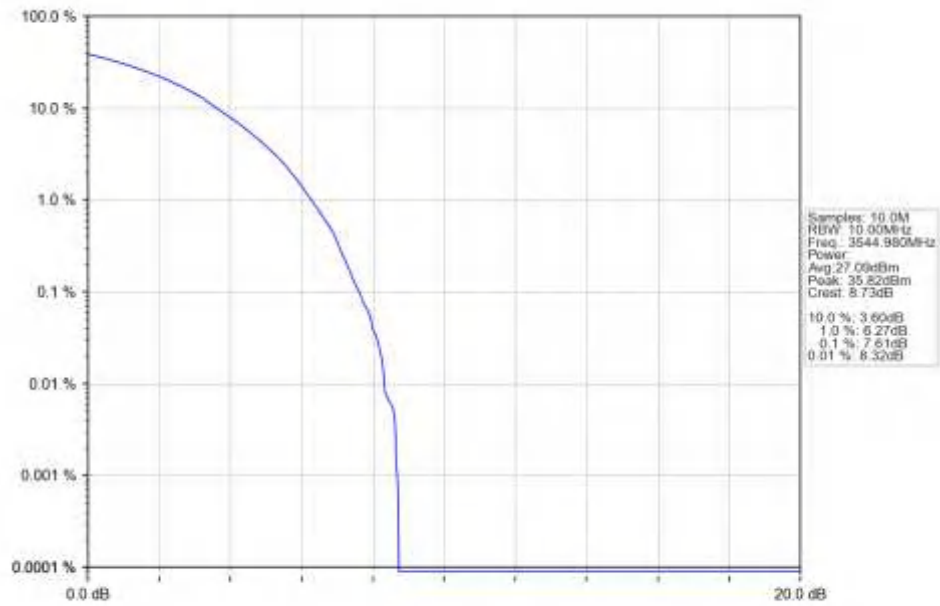
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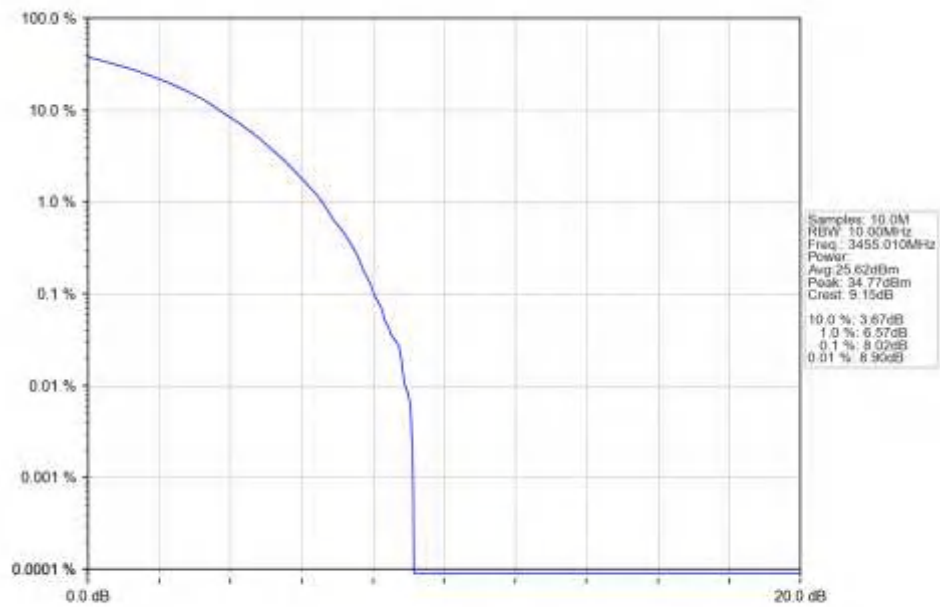
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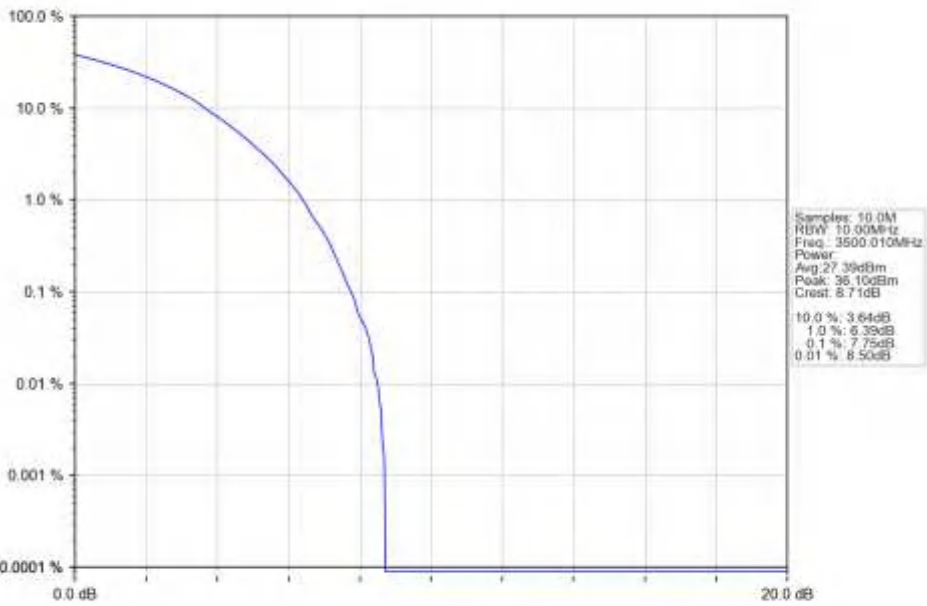
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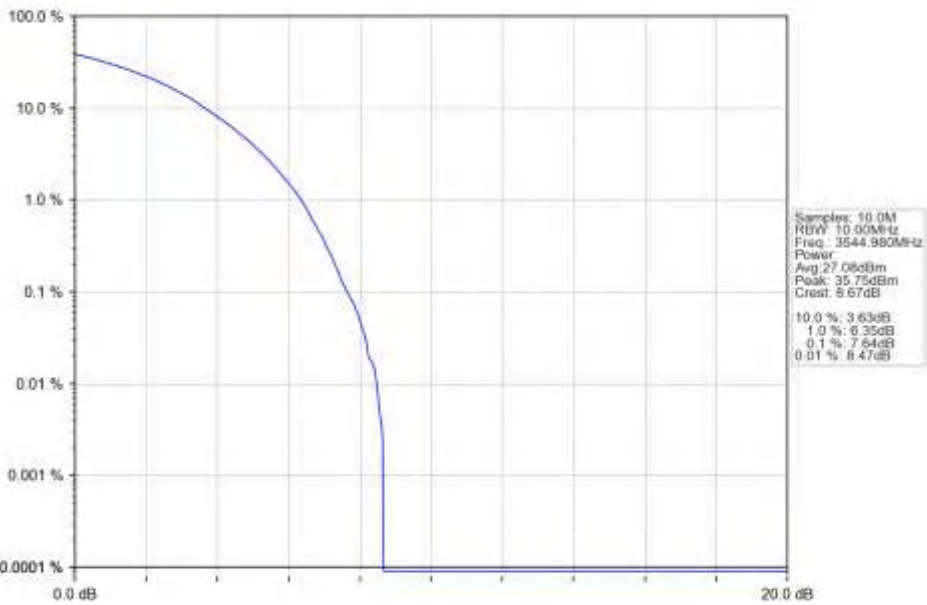
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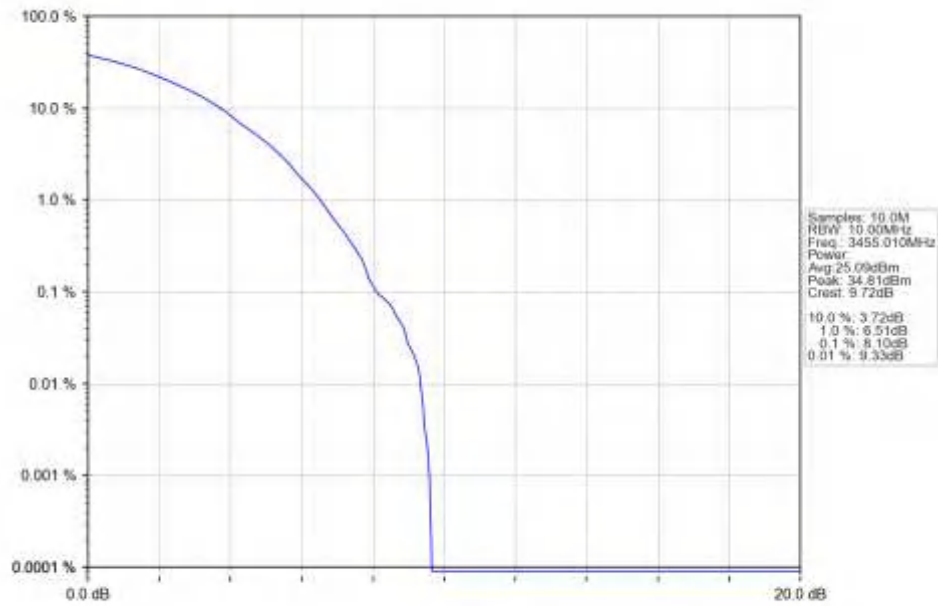
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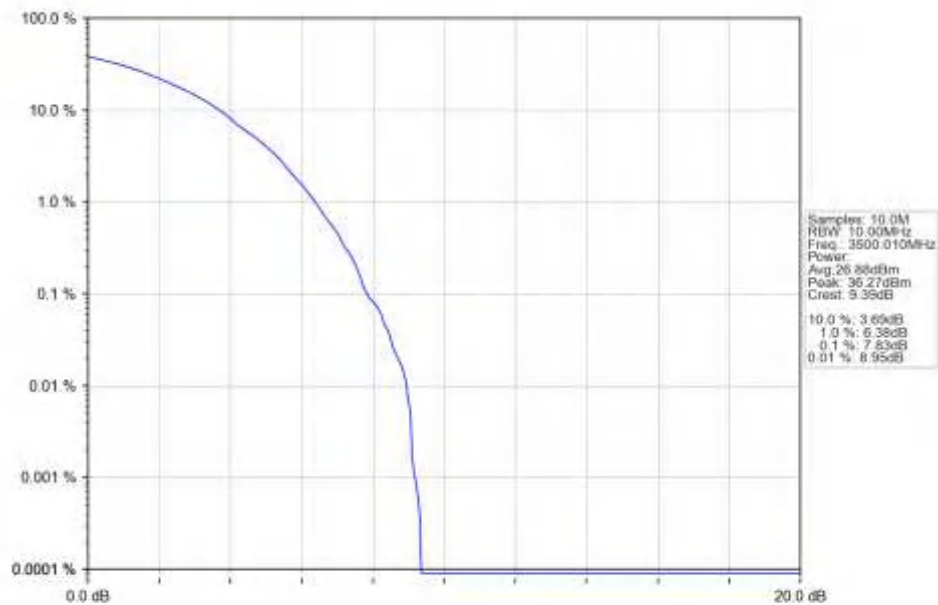
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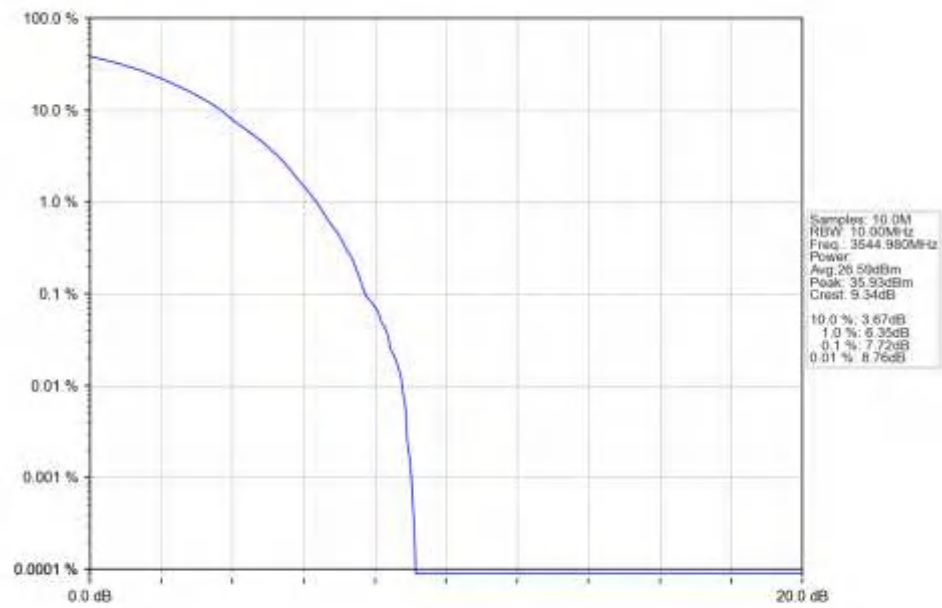
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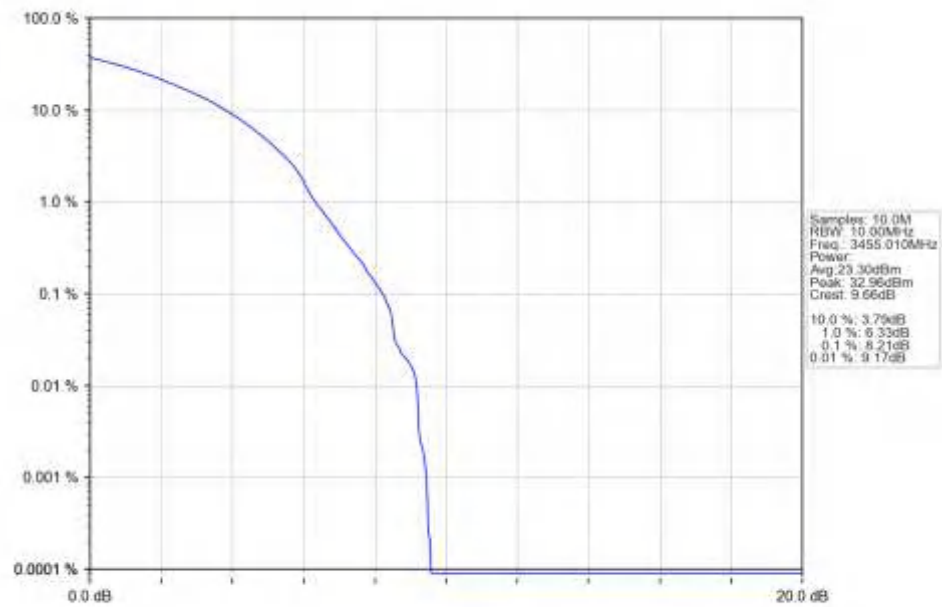
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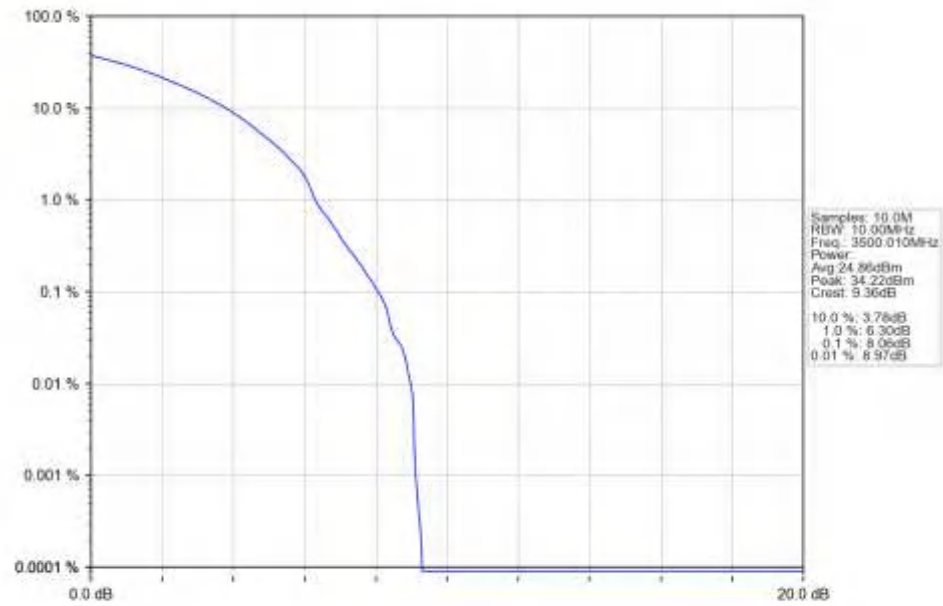
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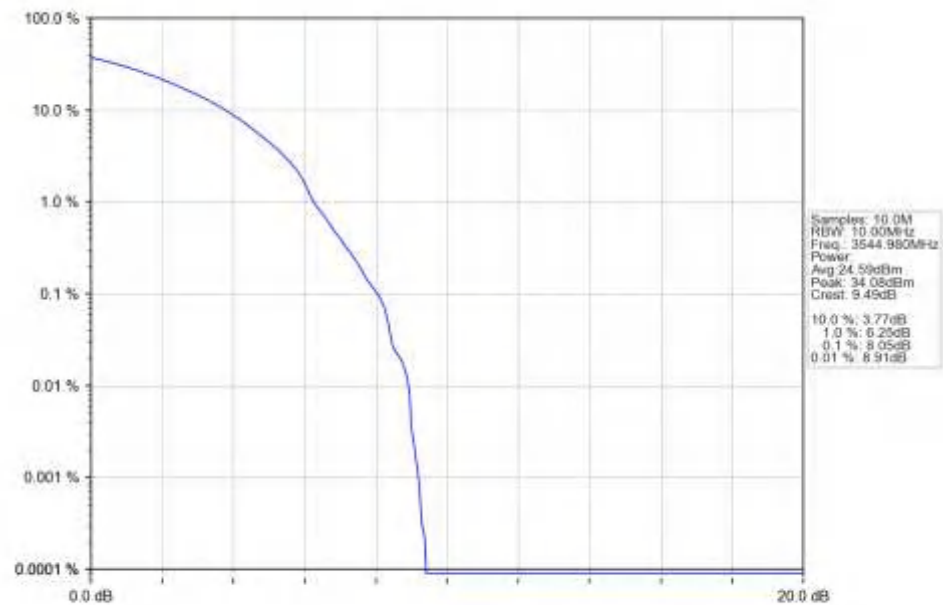
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3455.01MHz_Outer_Full_Ant1



n77d 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

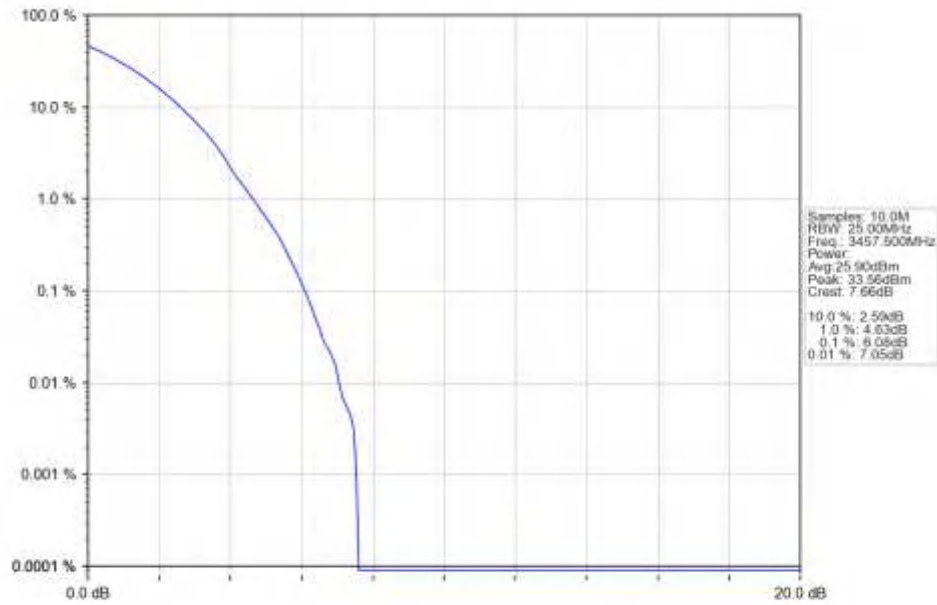


n77d 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3544.98MHz Outer Full Ant1

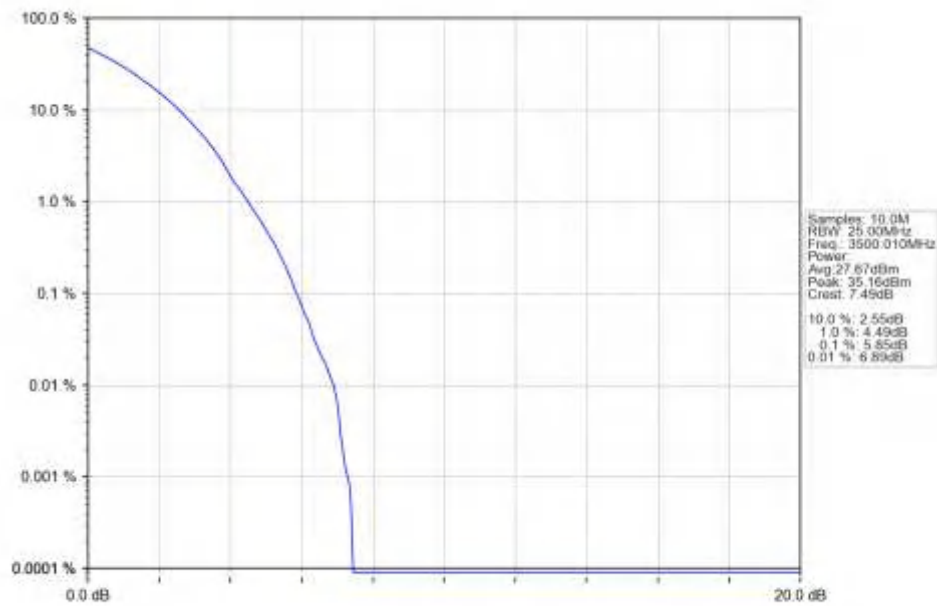


5.2.9 30k_SISO_15MHz_NTNV

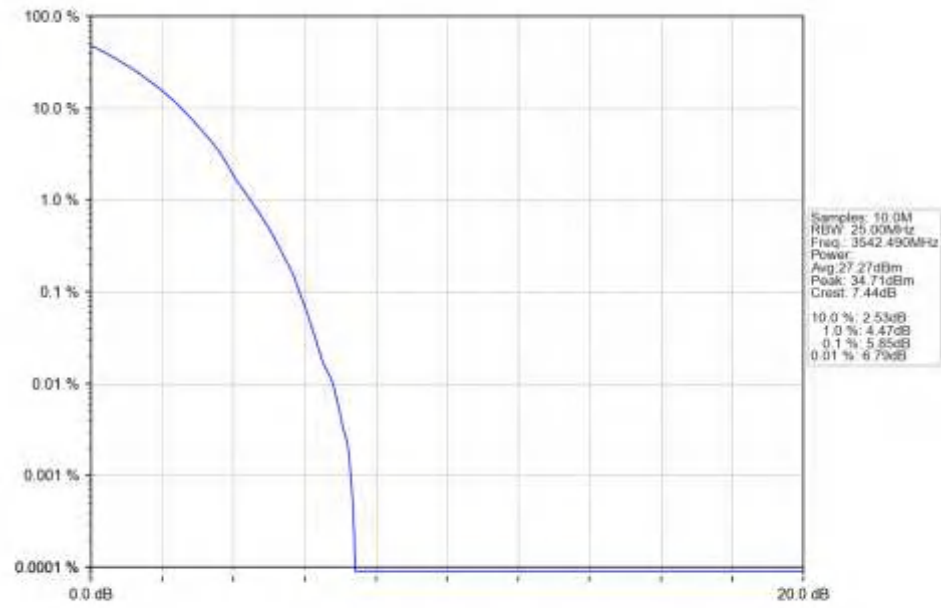
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3457.5MHz_Outer_Full_Ant1



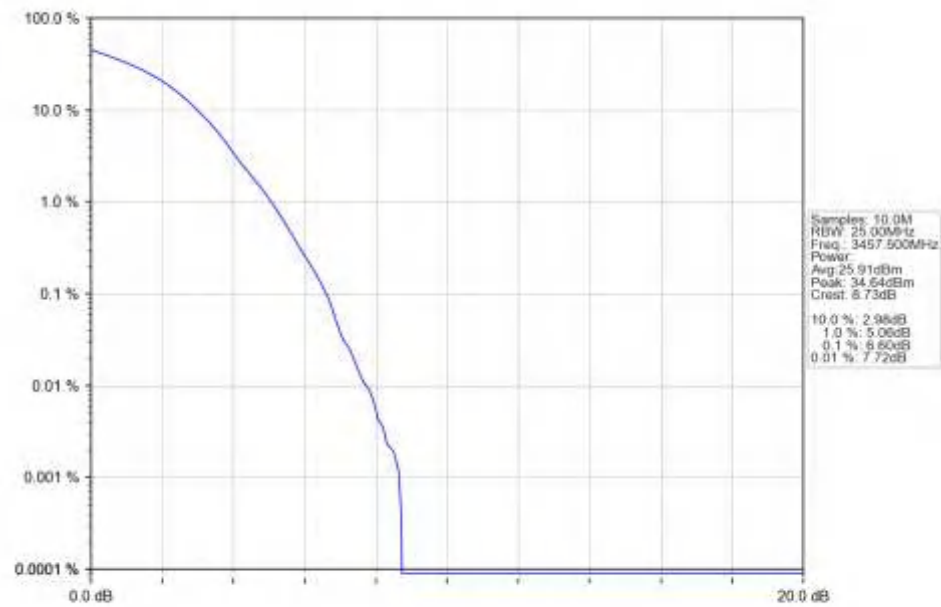
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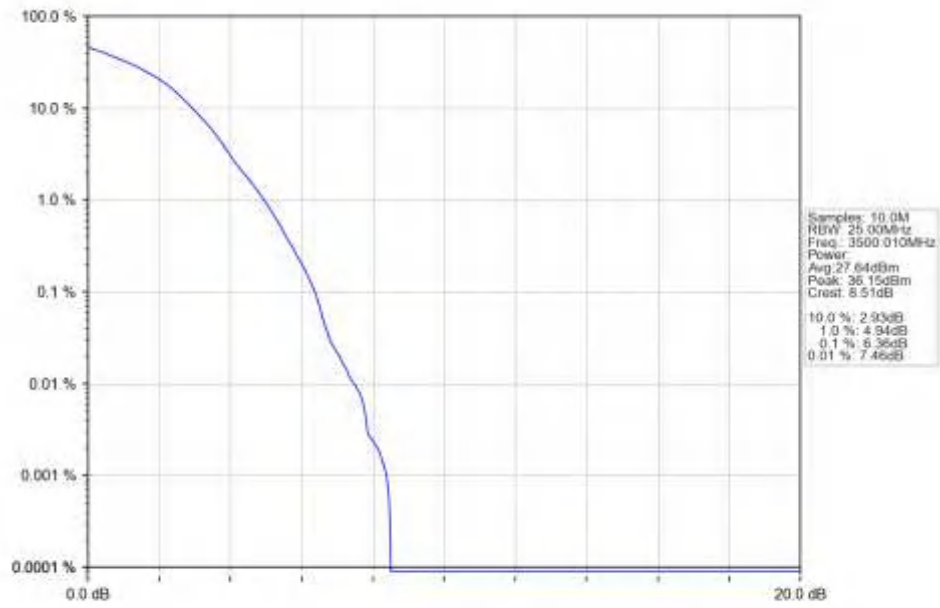
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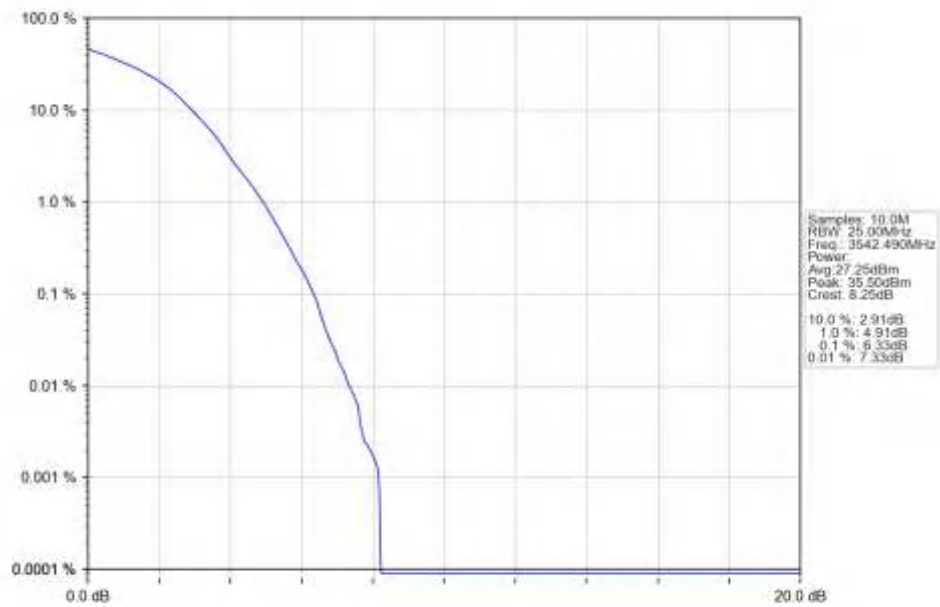
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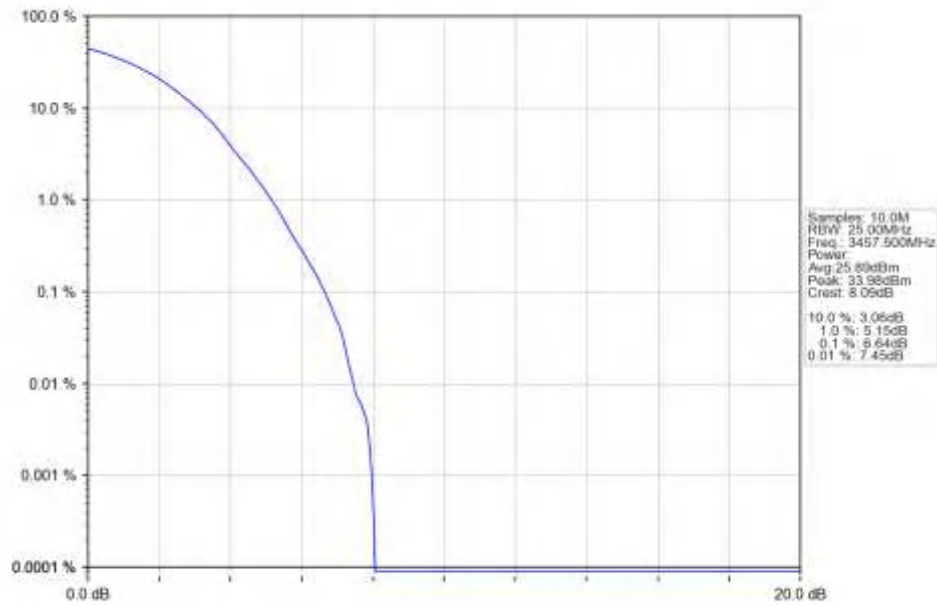
n77d 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



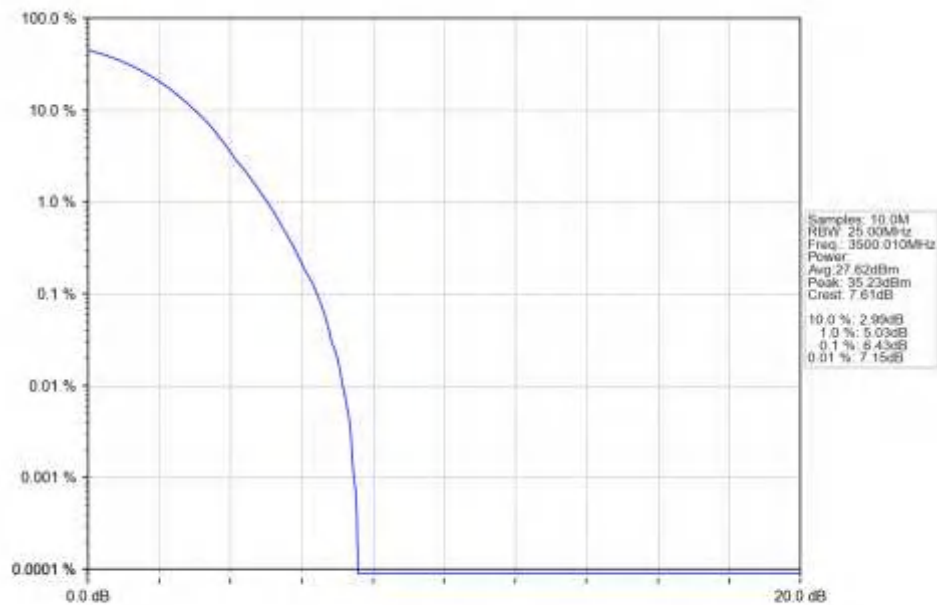
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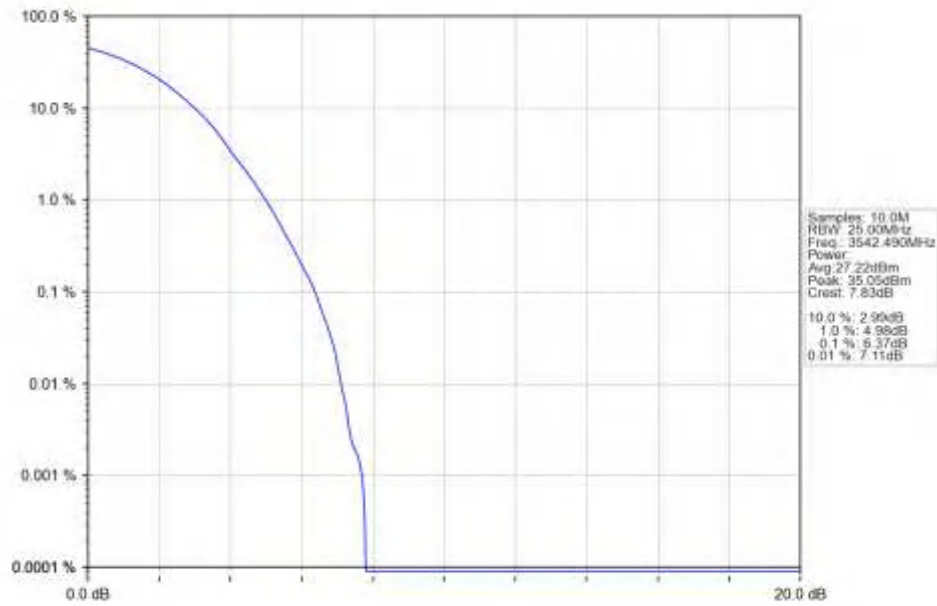
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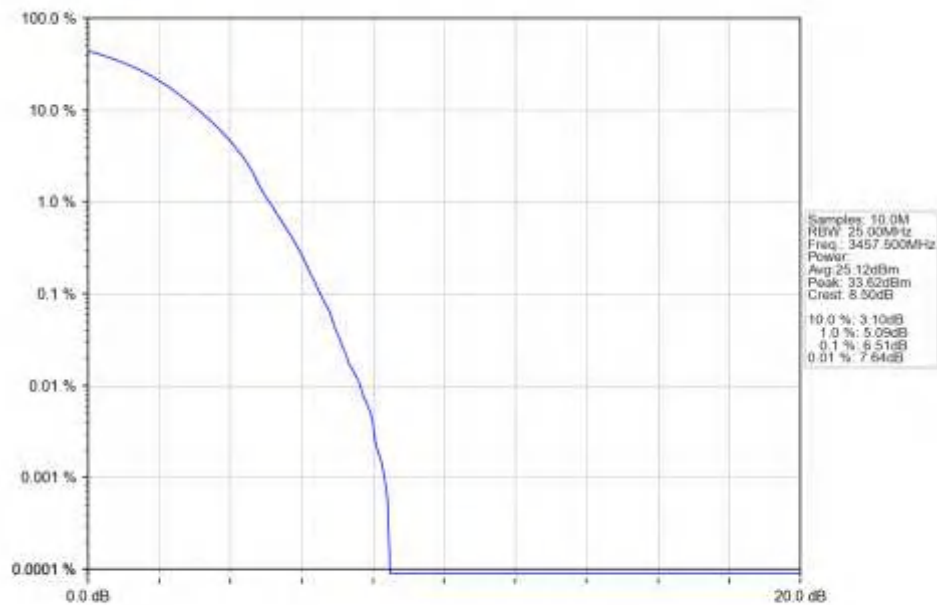
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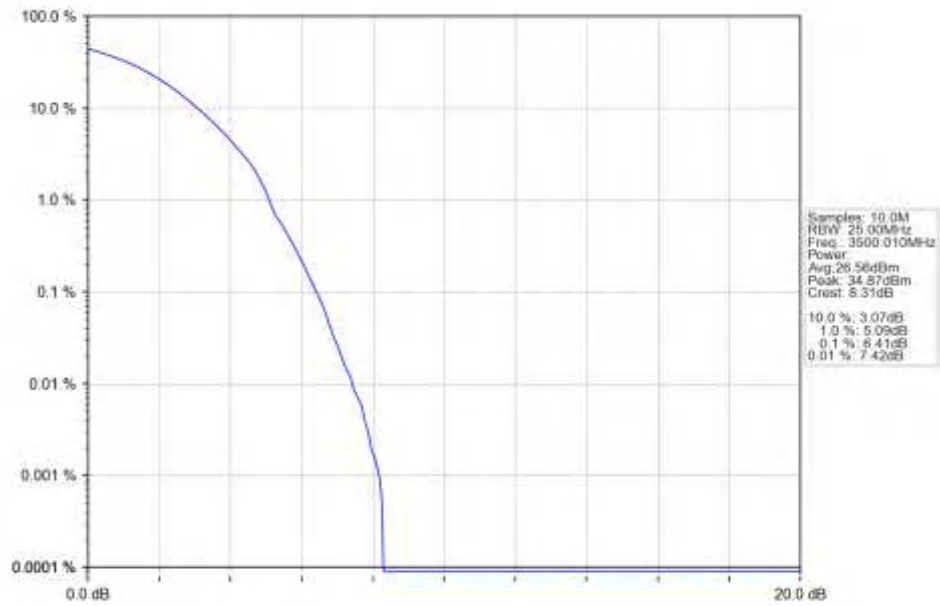
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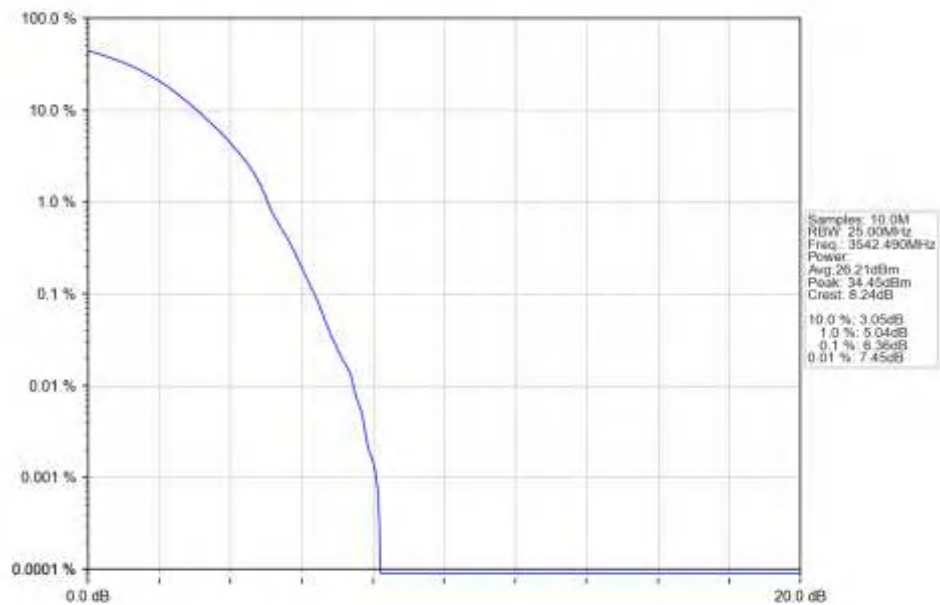
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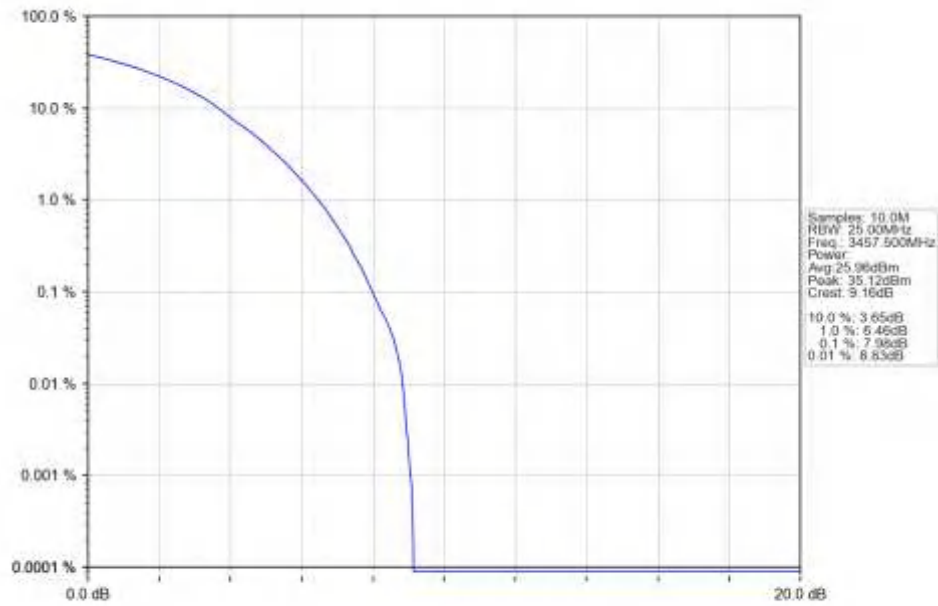
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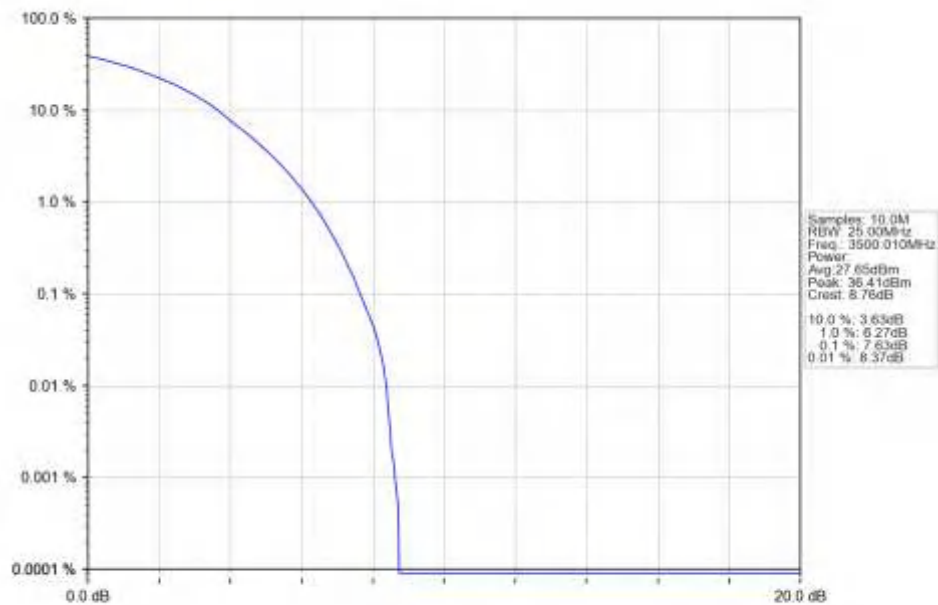
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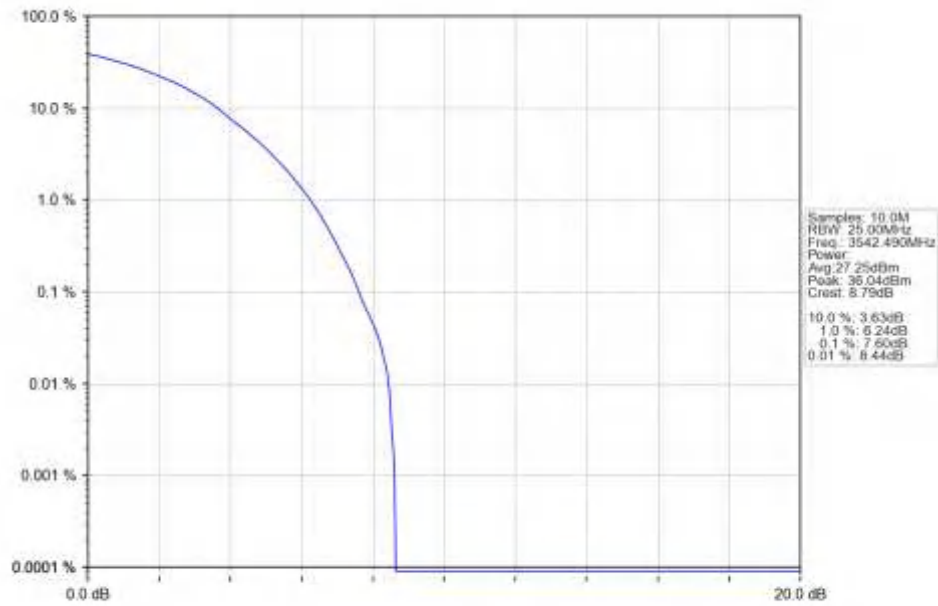
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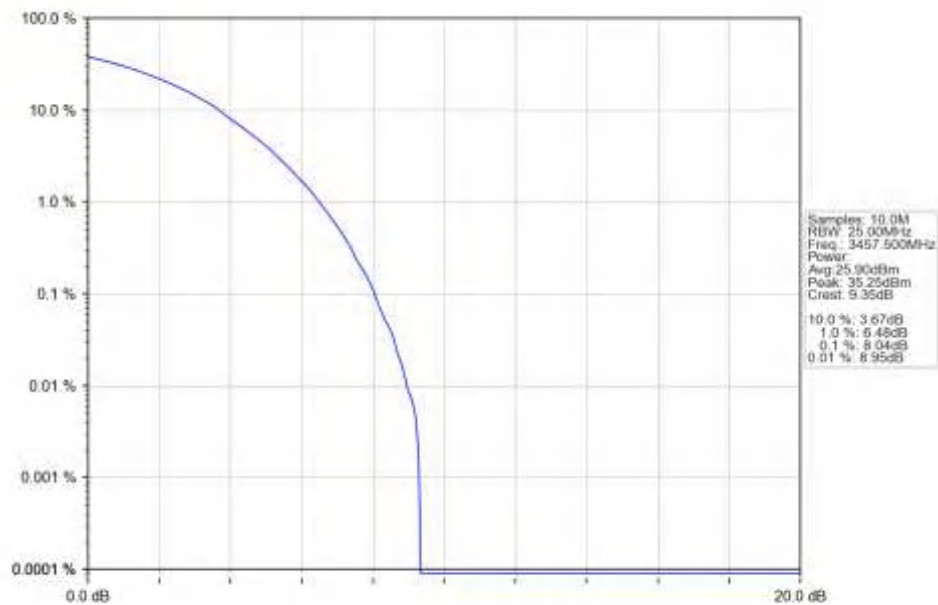
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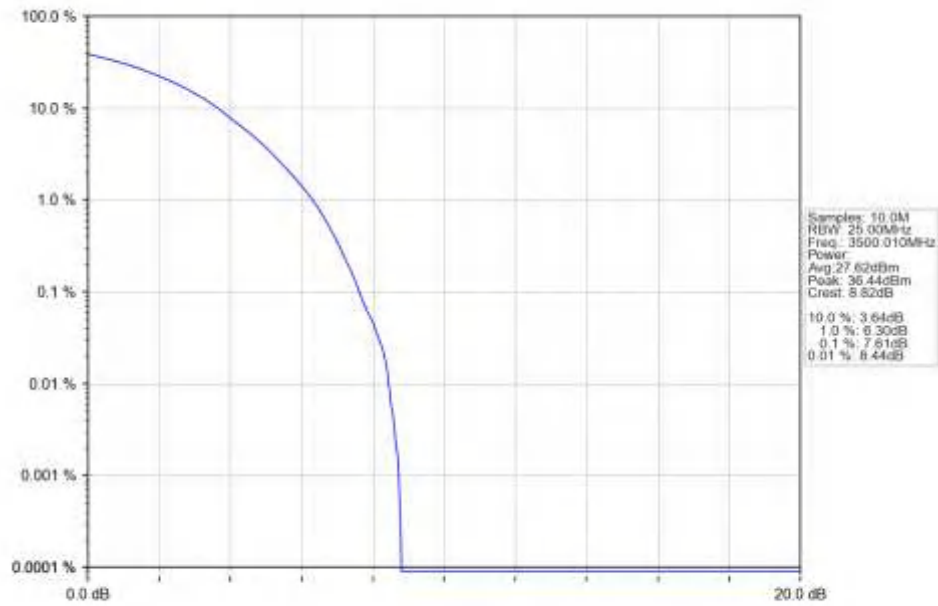
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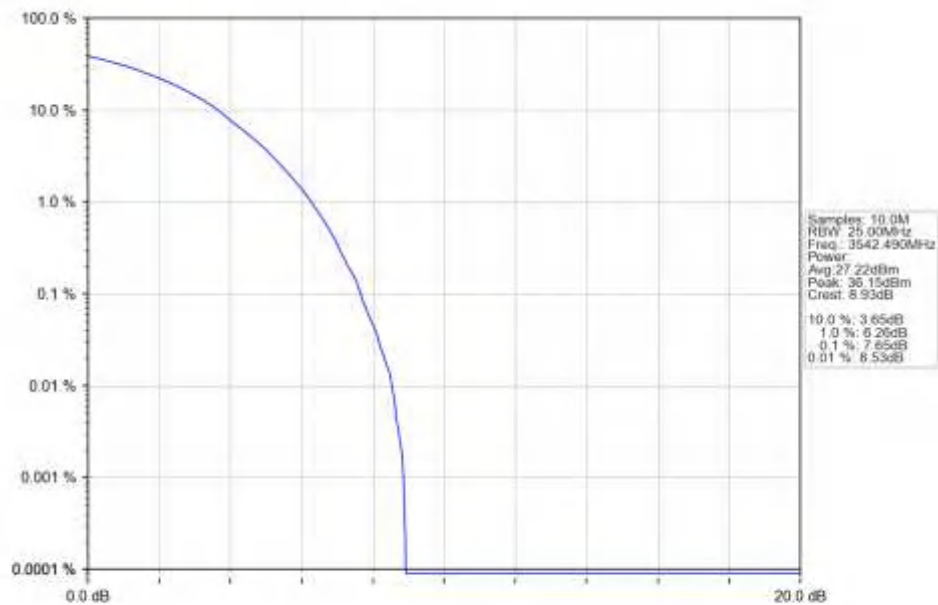
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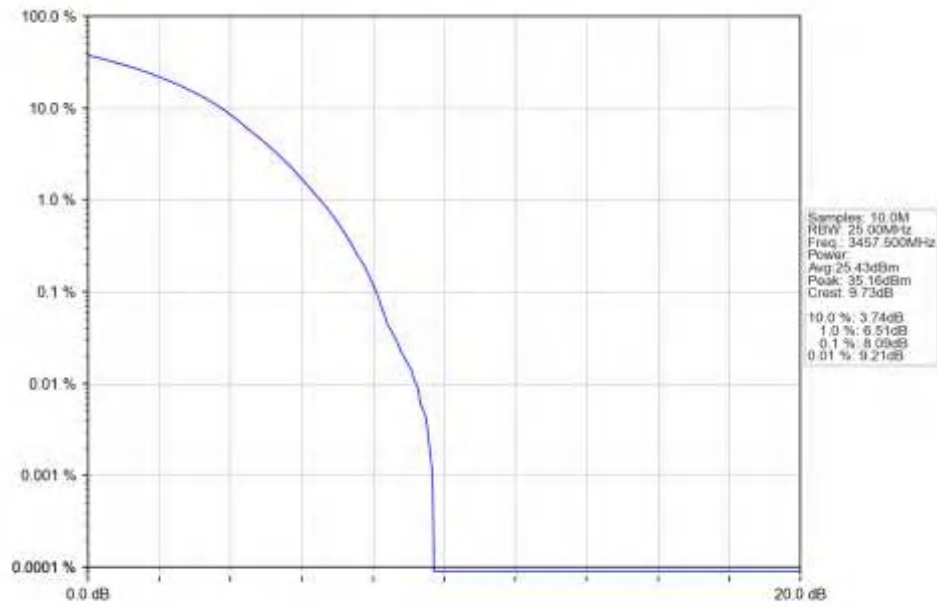
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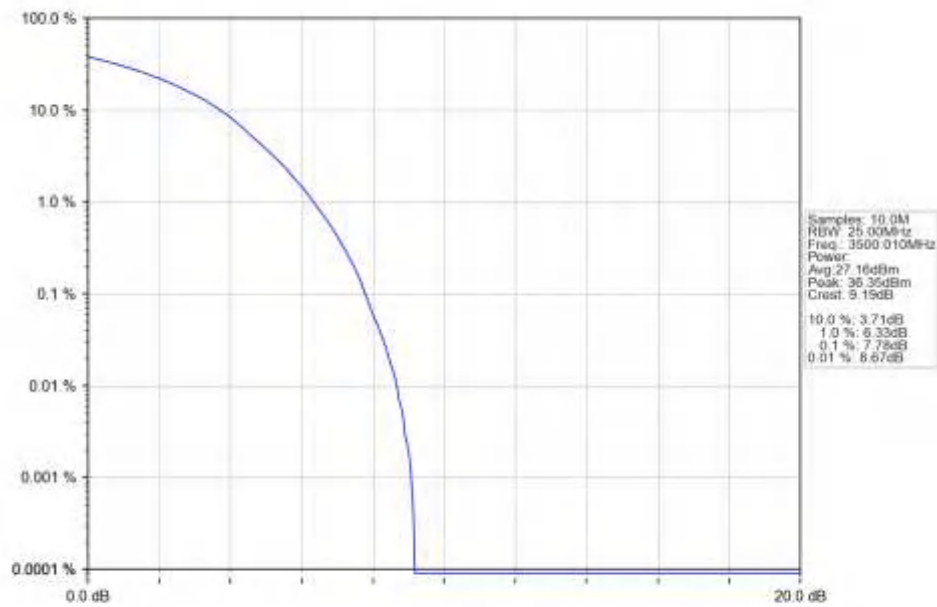
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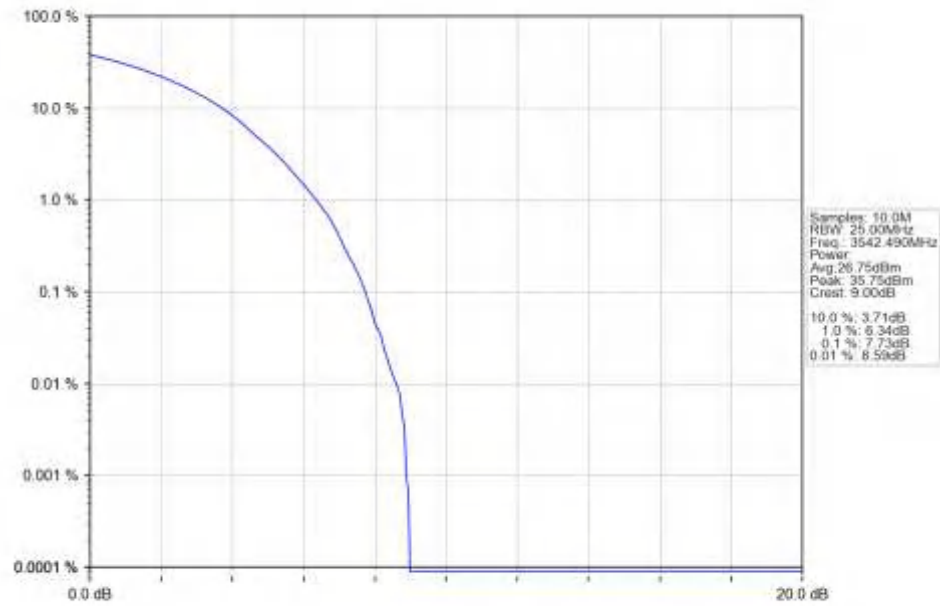
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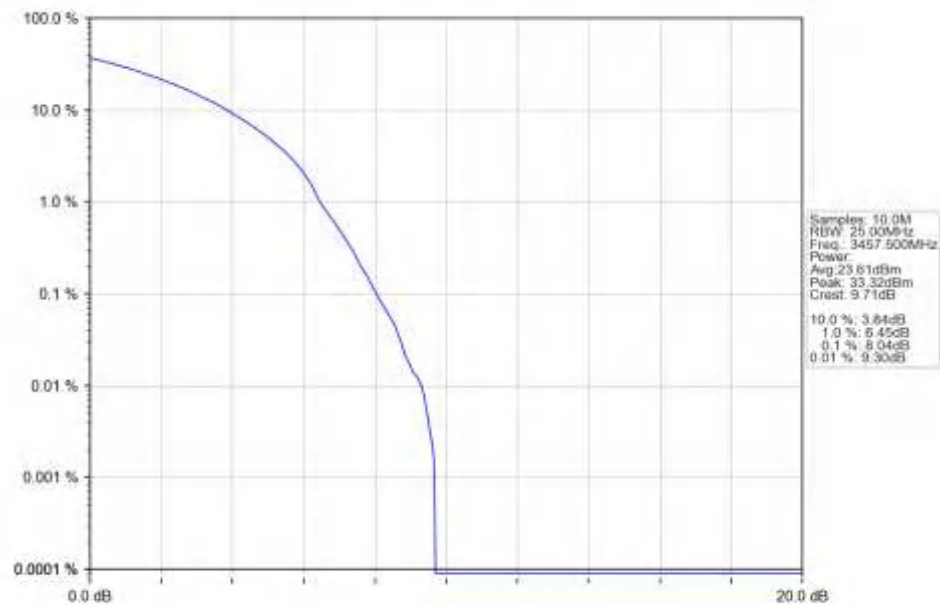
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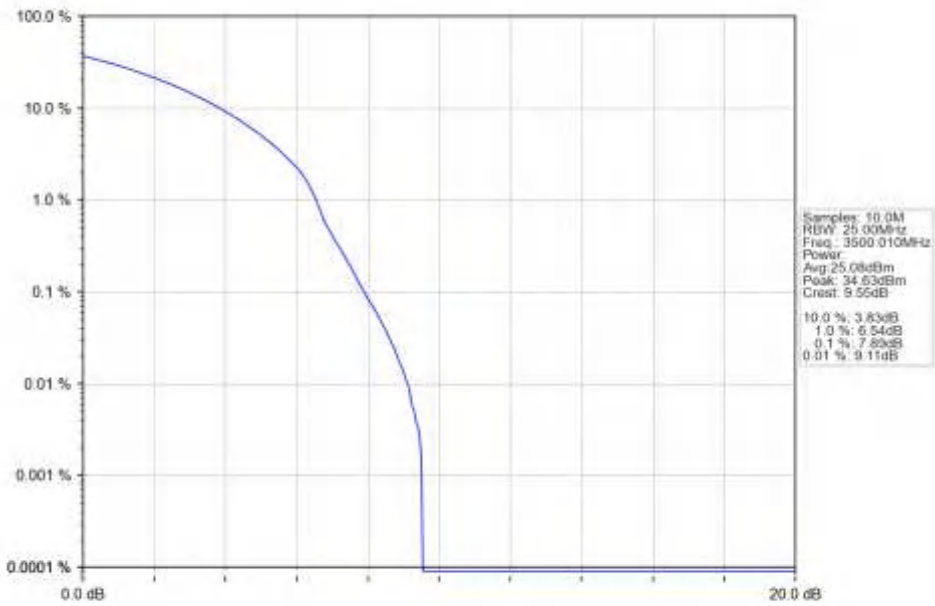
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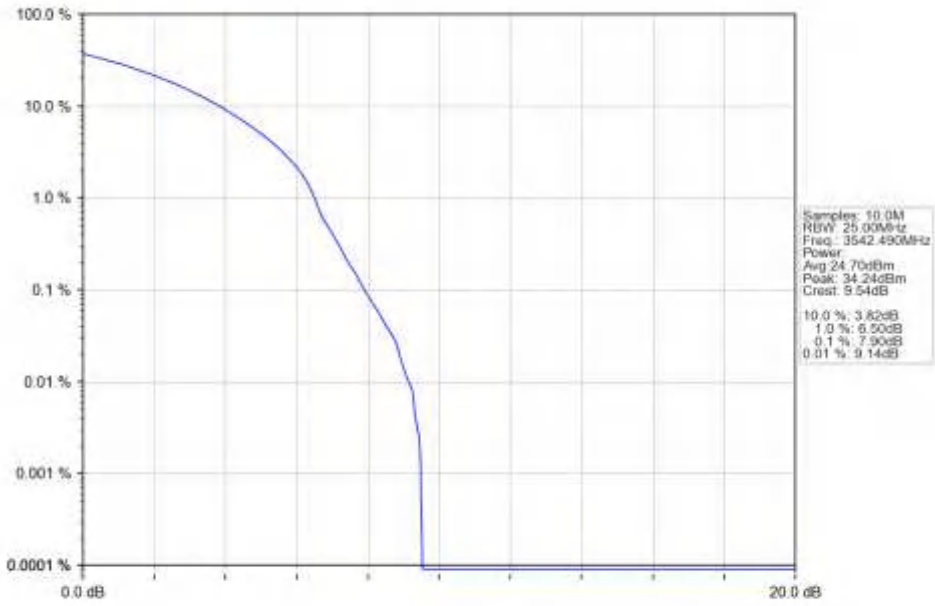
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n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1

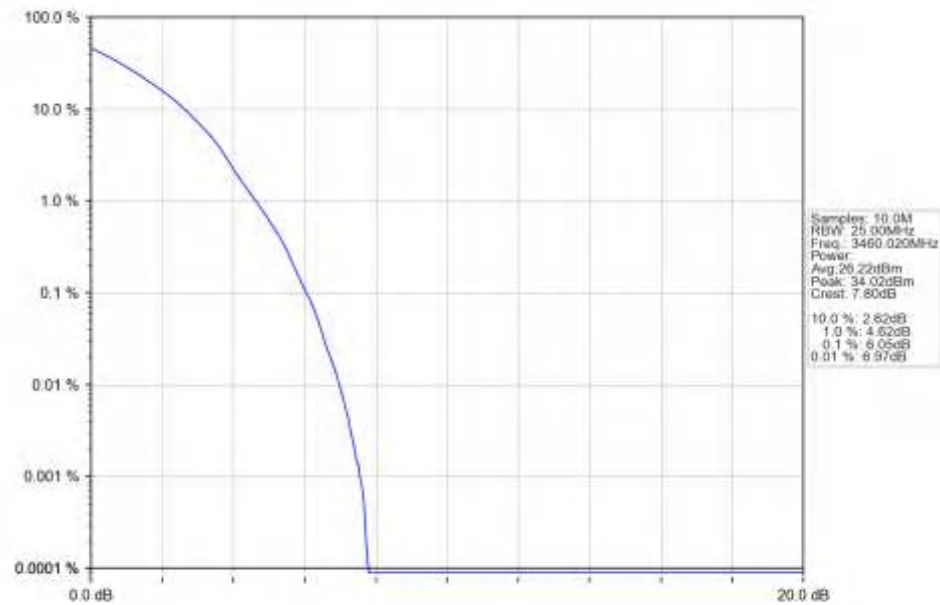


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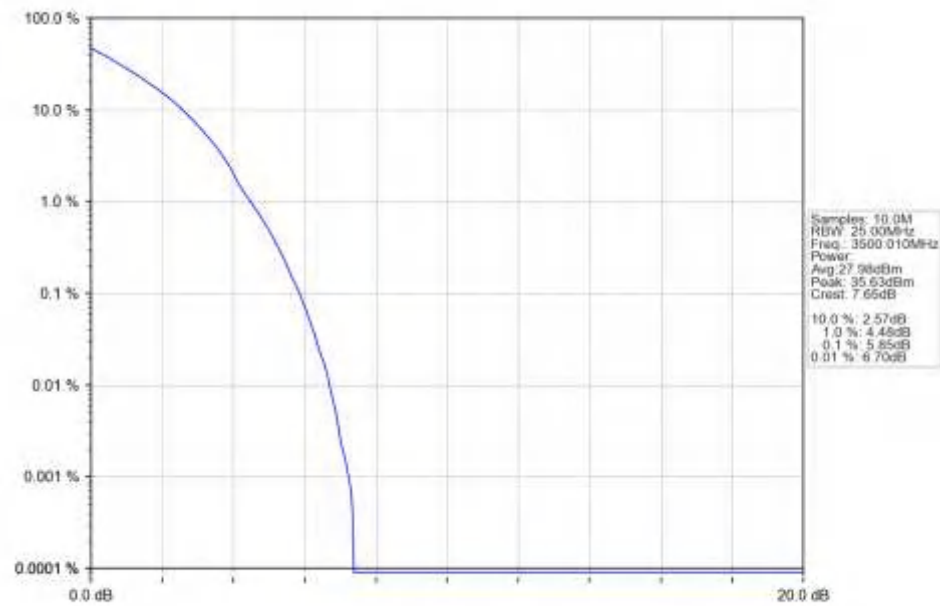


5.2.10 30k_SISO_20MHz_NTNV

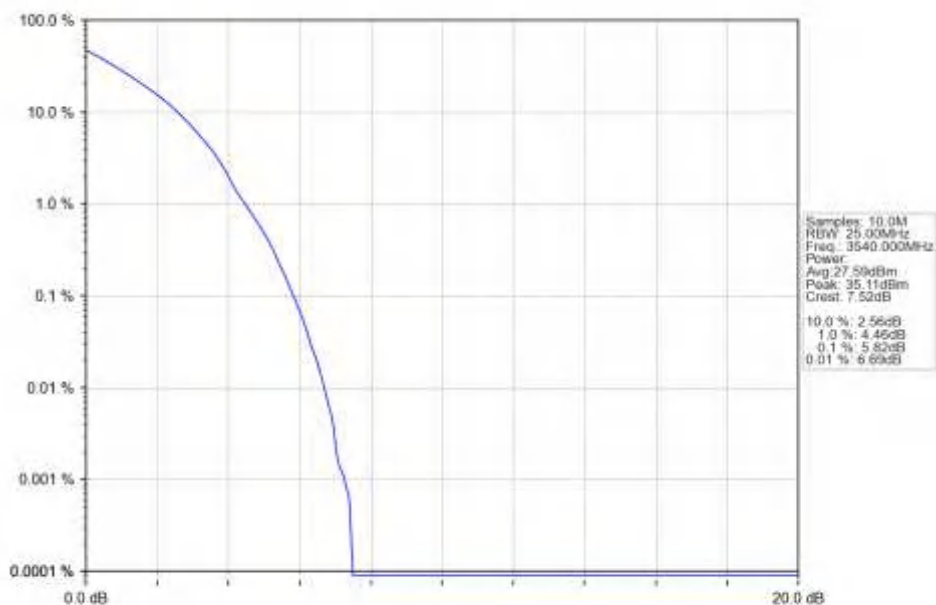
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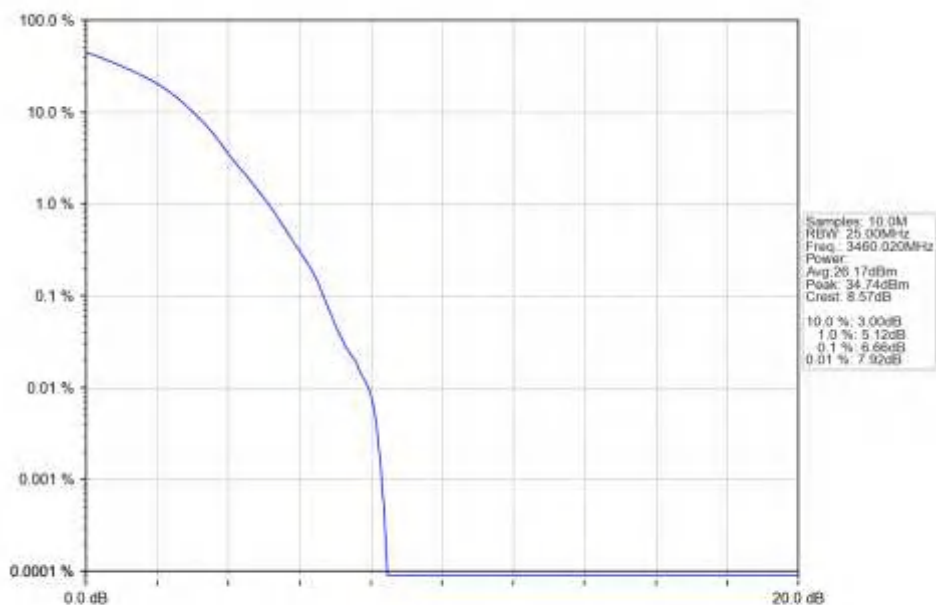
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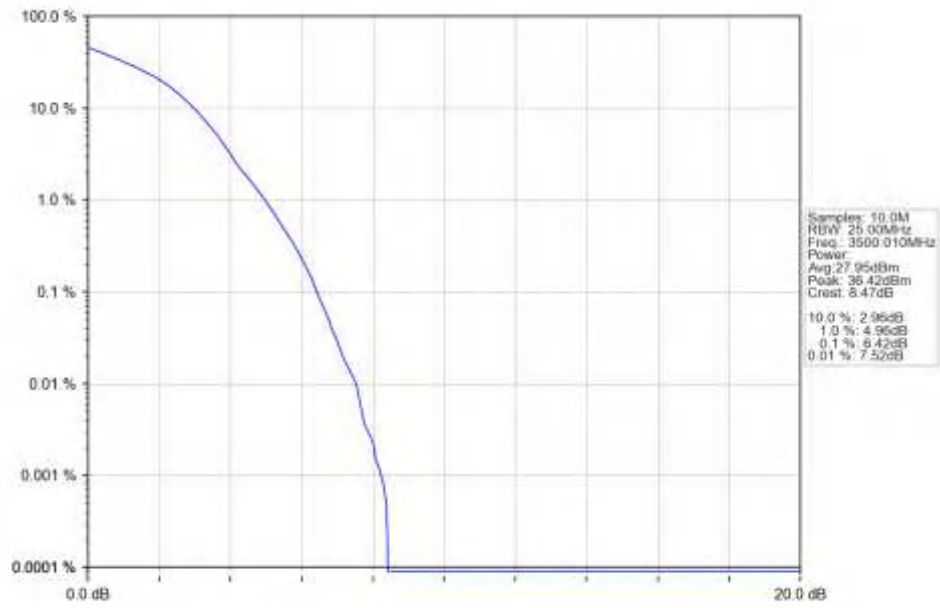
n77d 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3540MHz Outer Full Ant1



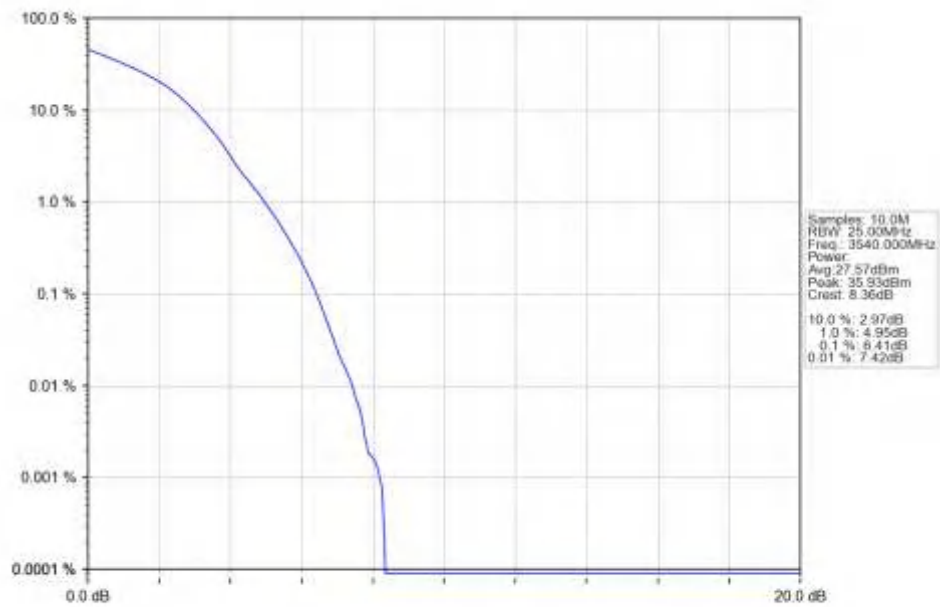
n77d 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3460.02MHz Outer Full Ant1



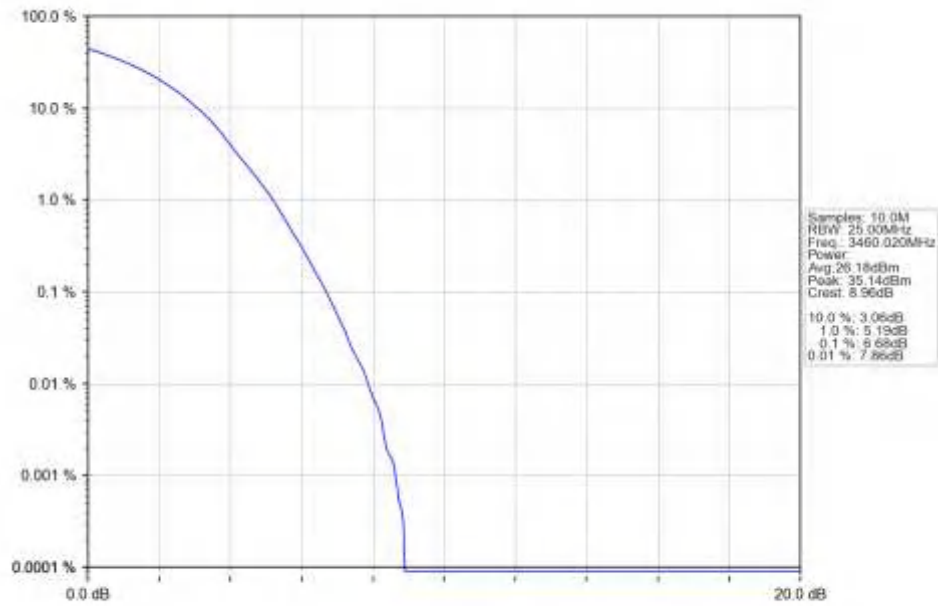
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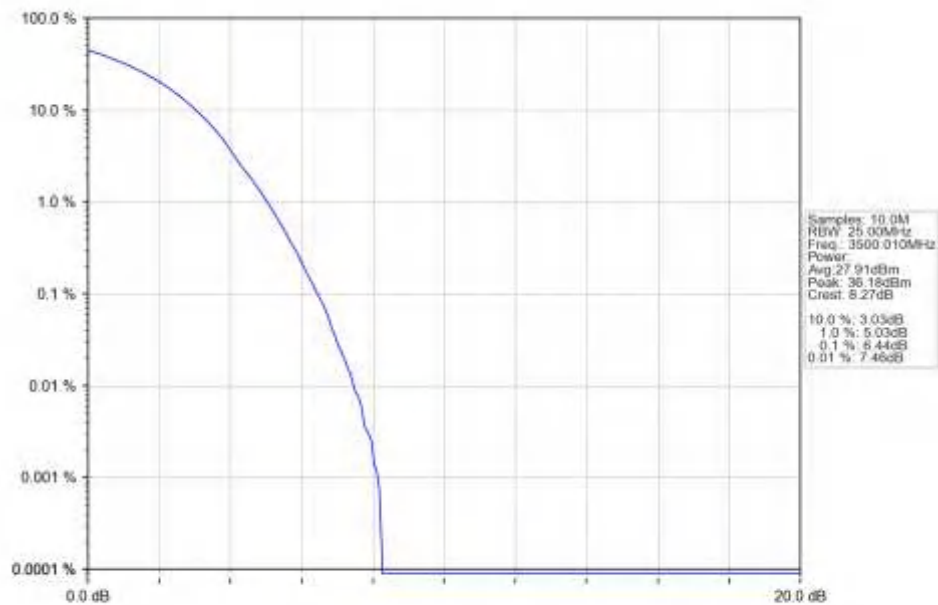
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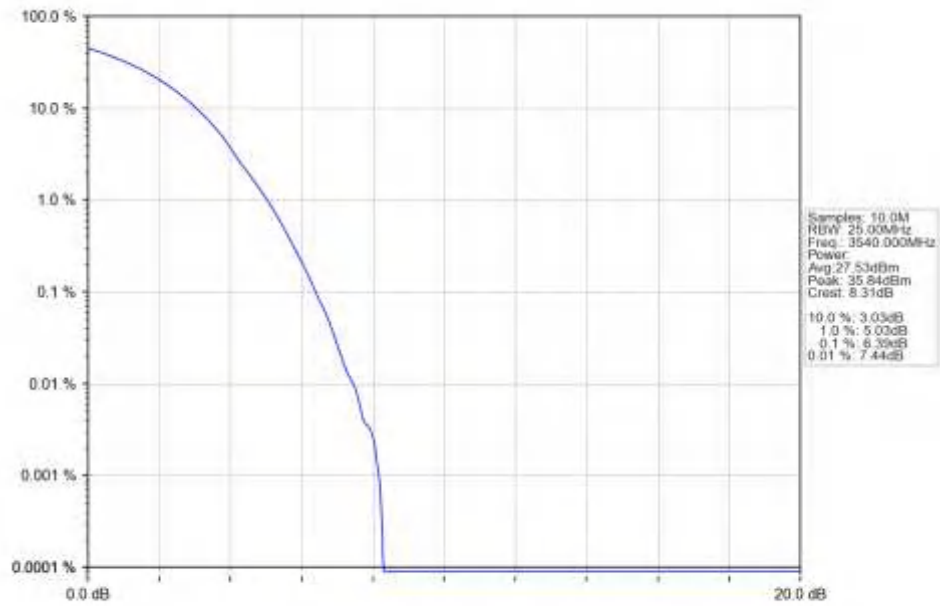
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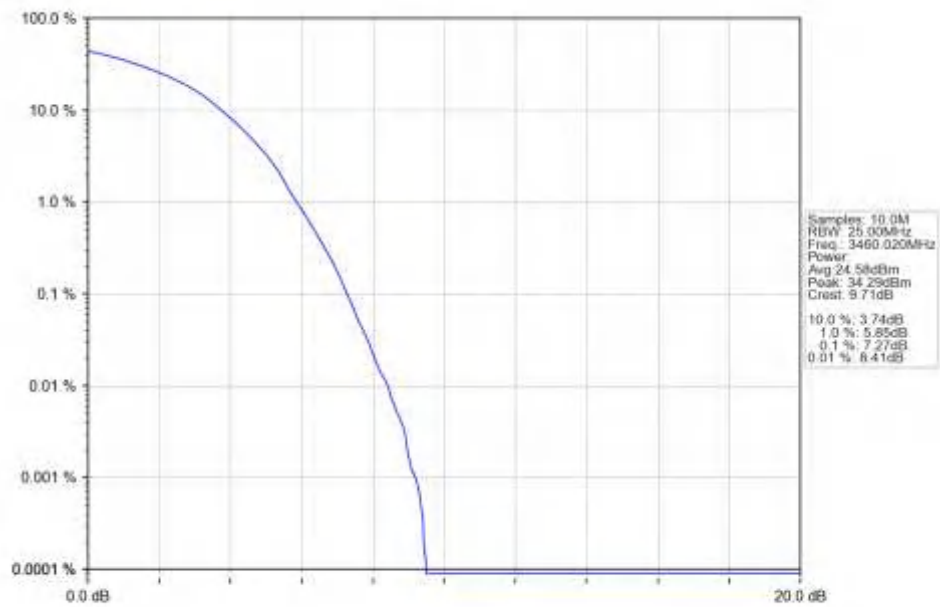
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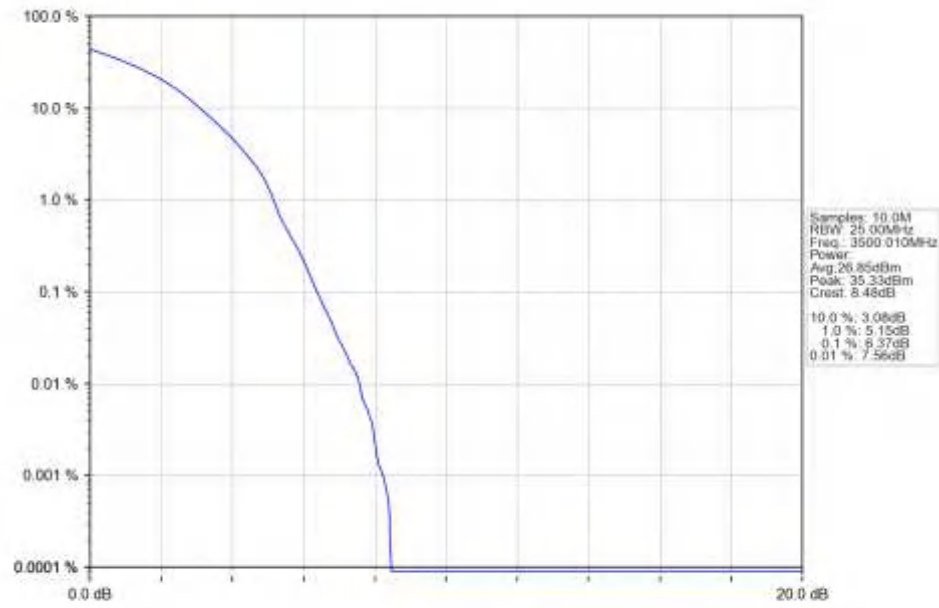
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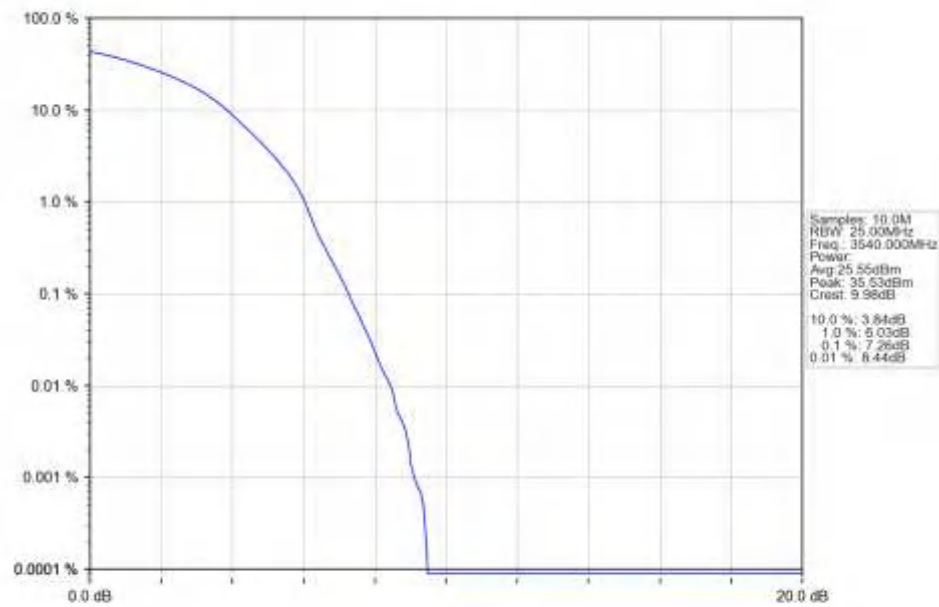
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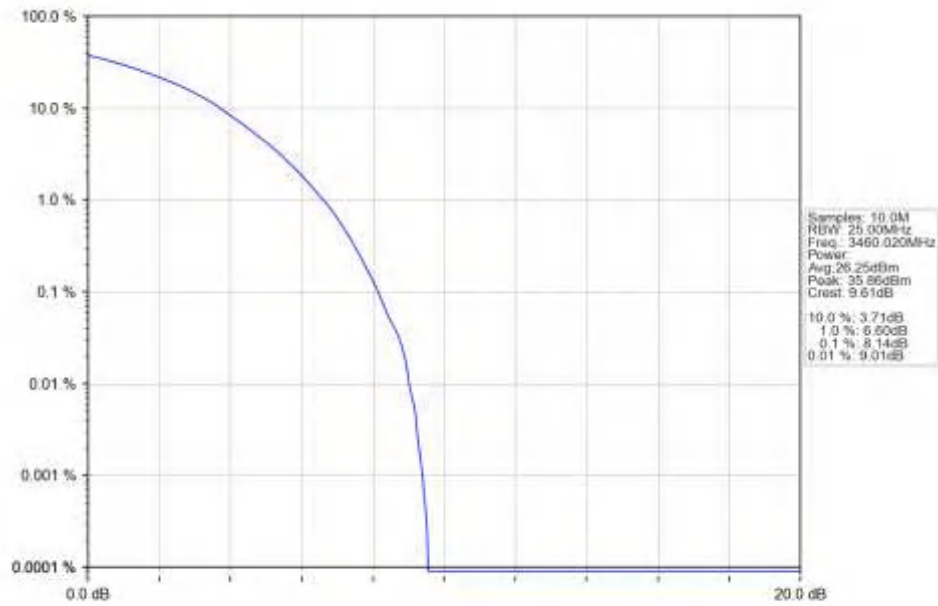
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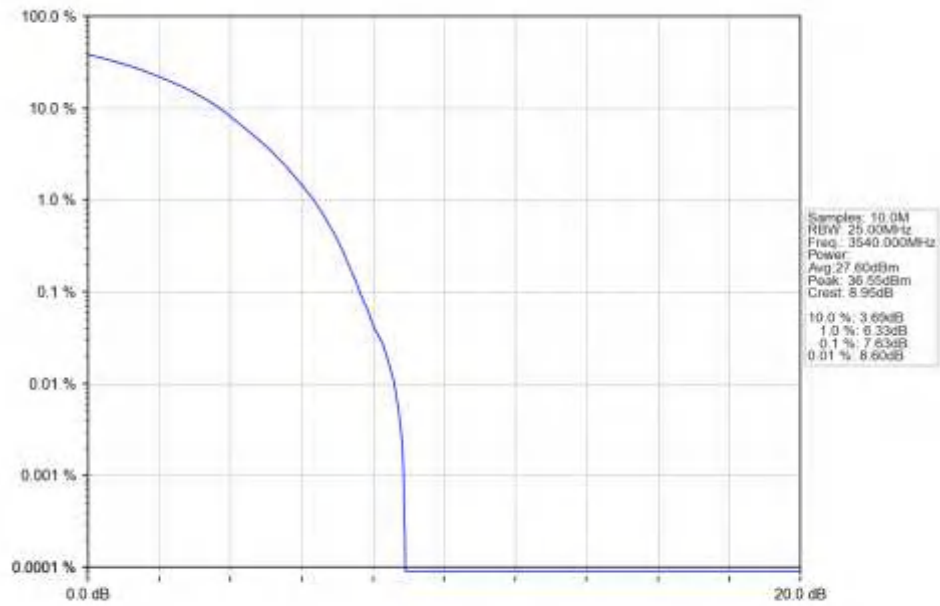
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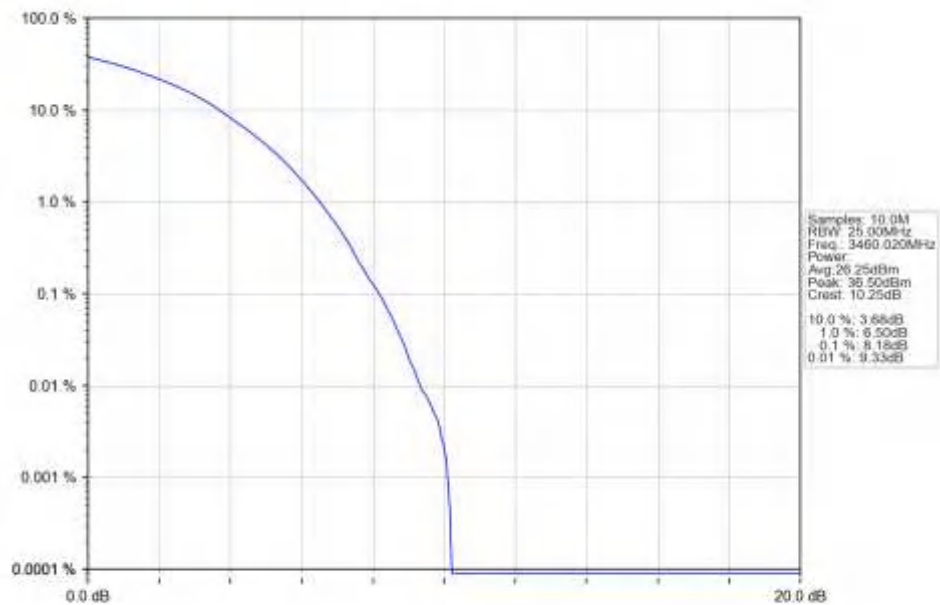
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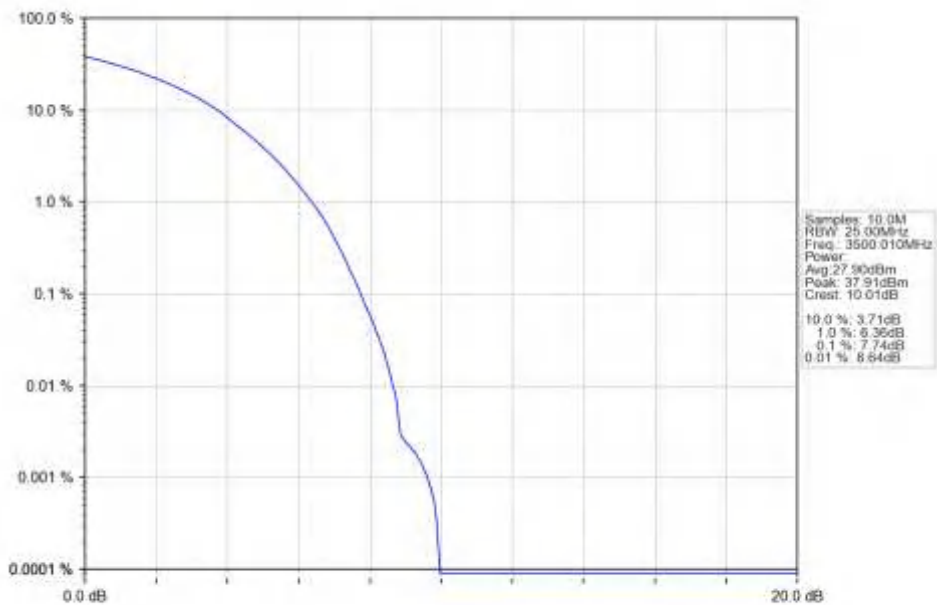
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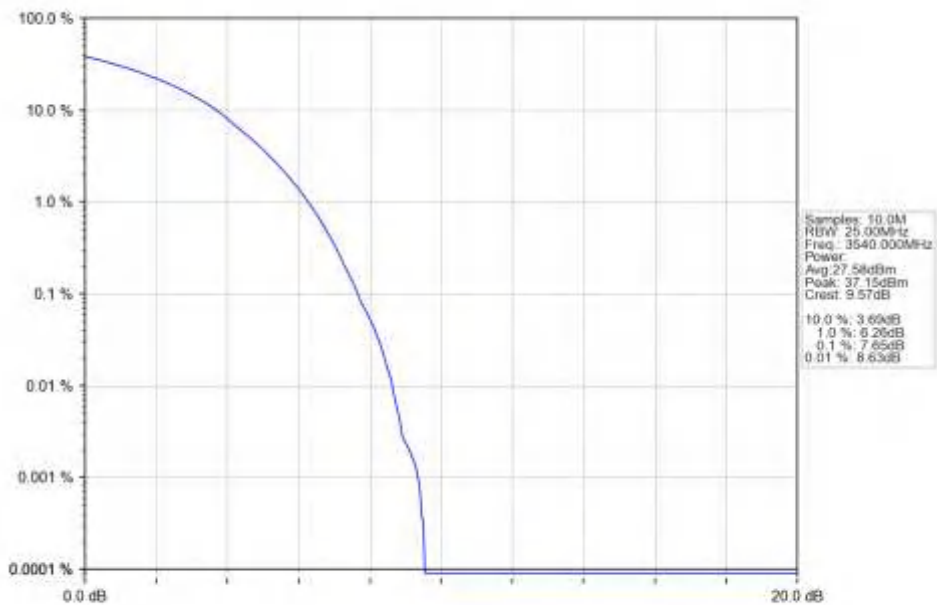
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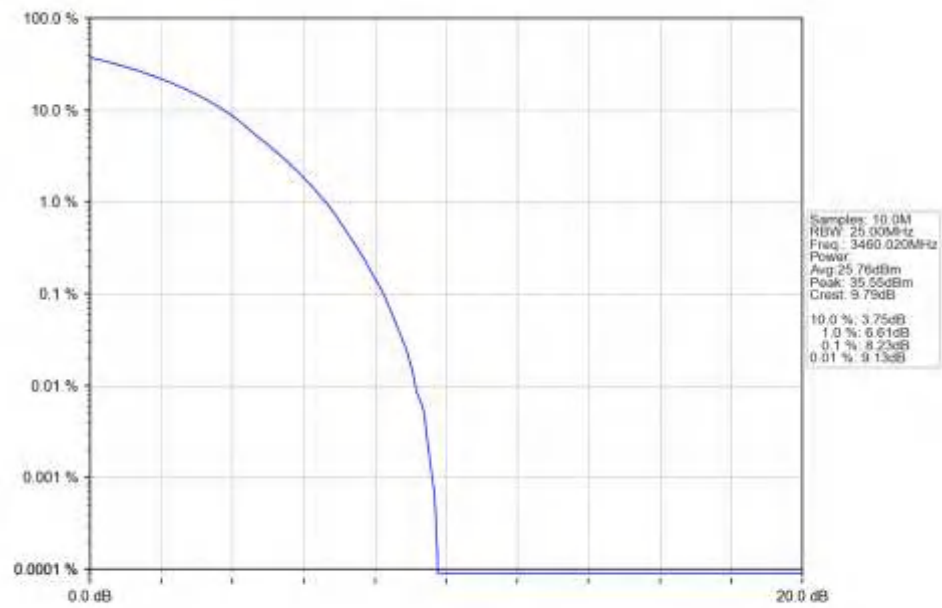
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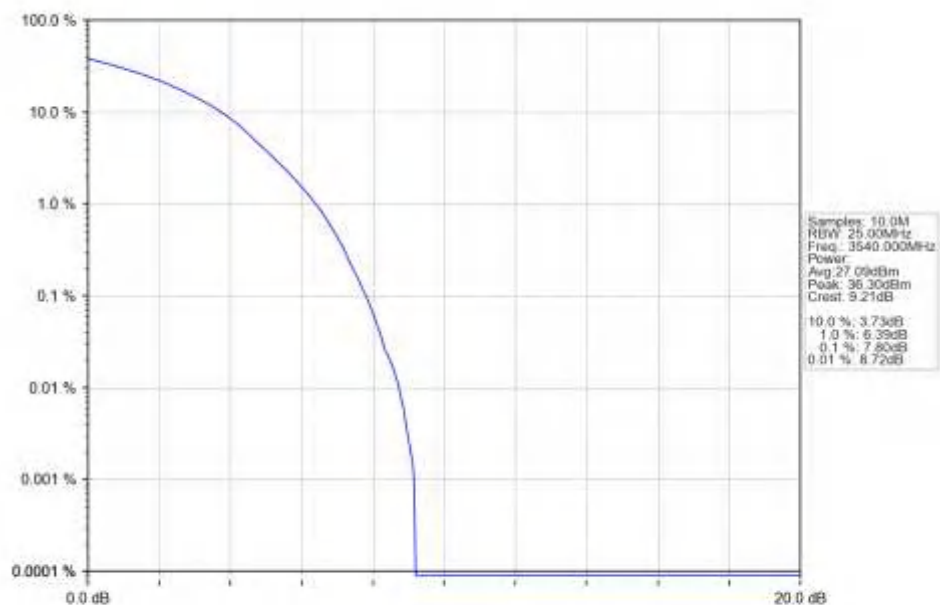
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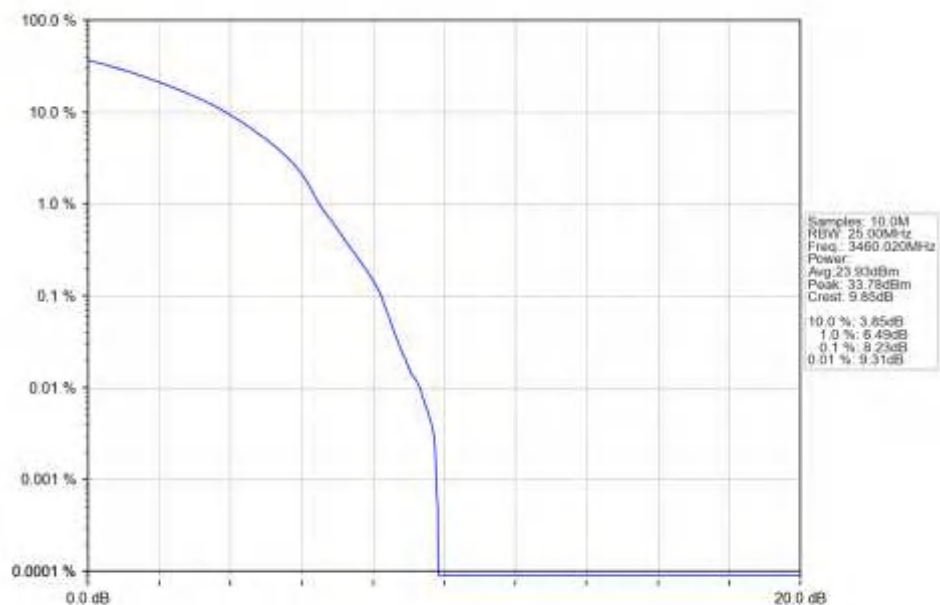
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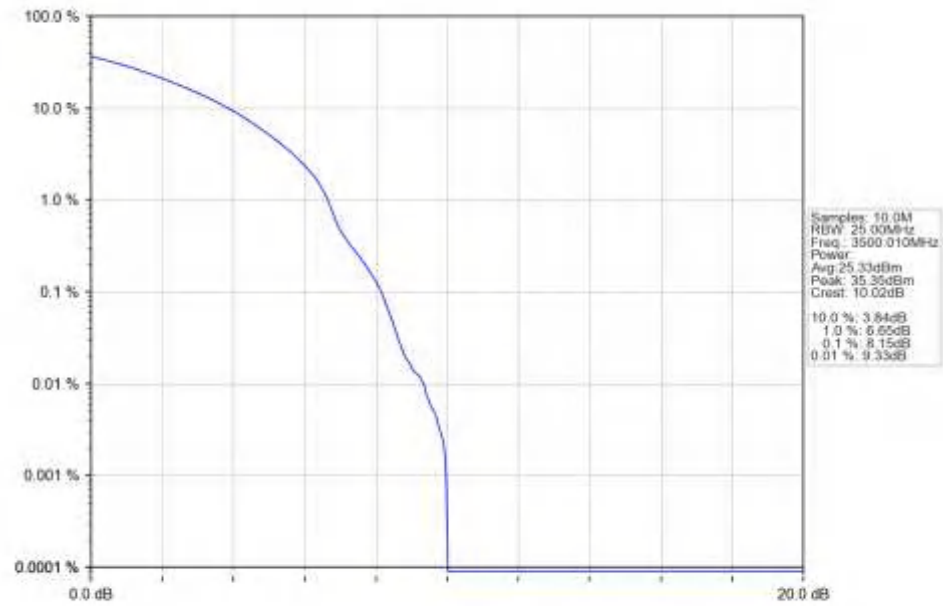
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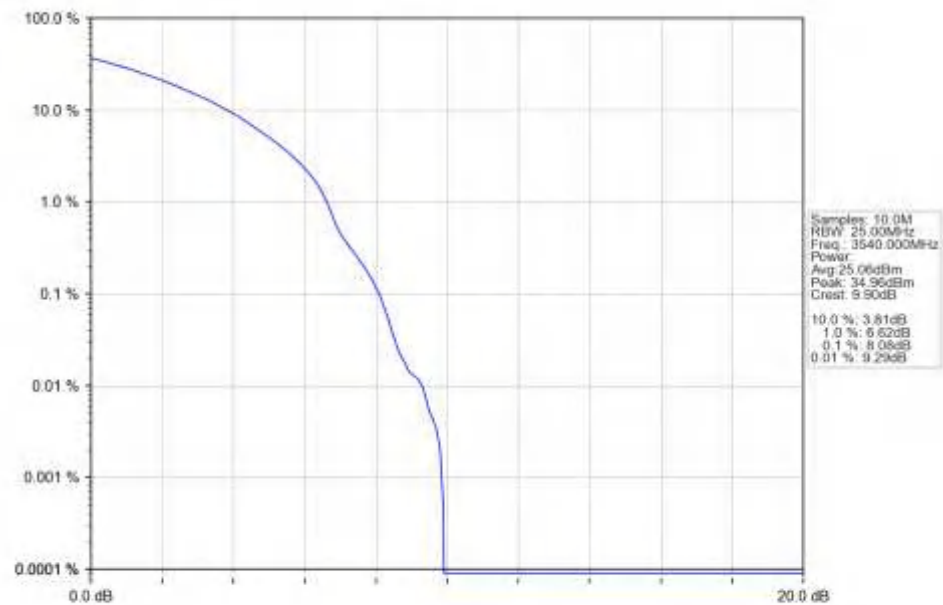
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n77d 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

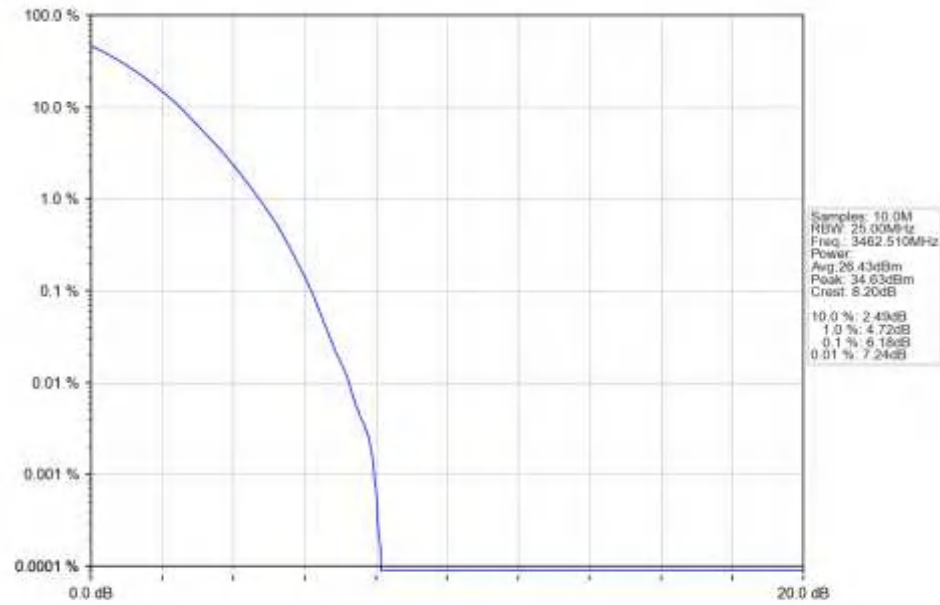


n77d 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3540MHz Outer Full Ant1

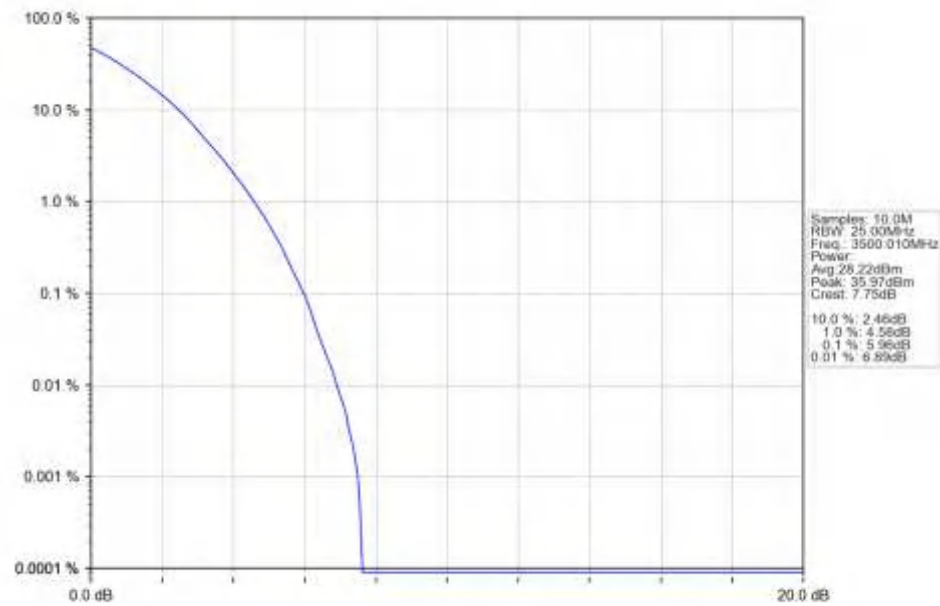


5.2.11 30k_SISO_25MHz_NTNV

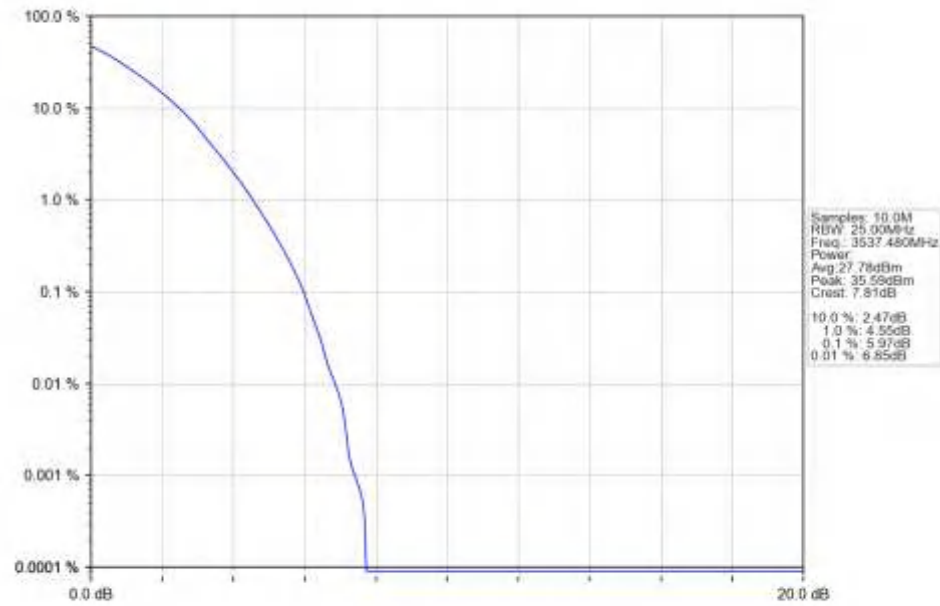
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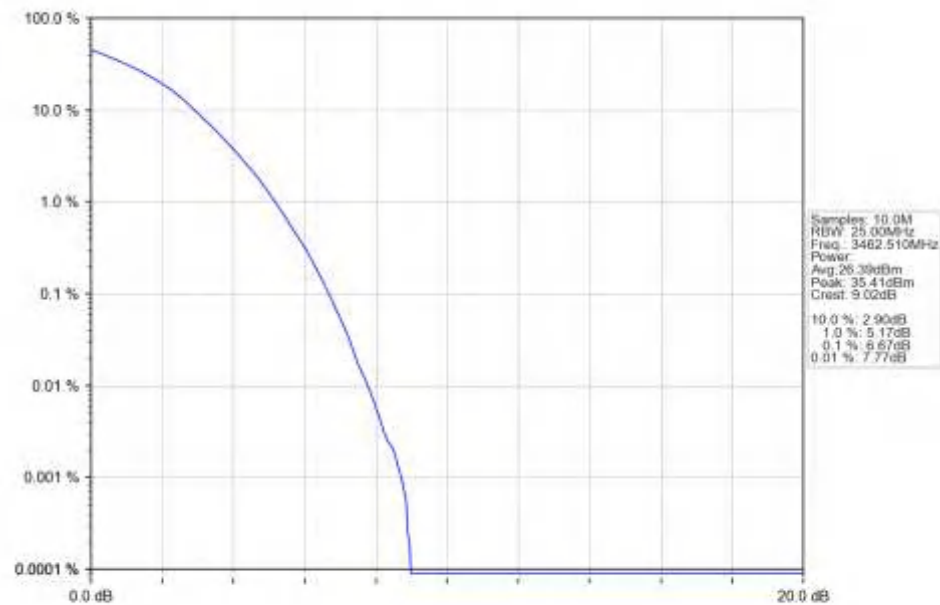
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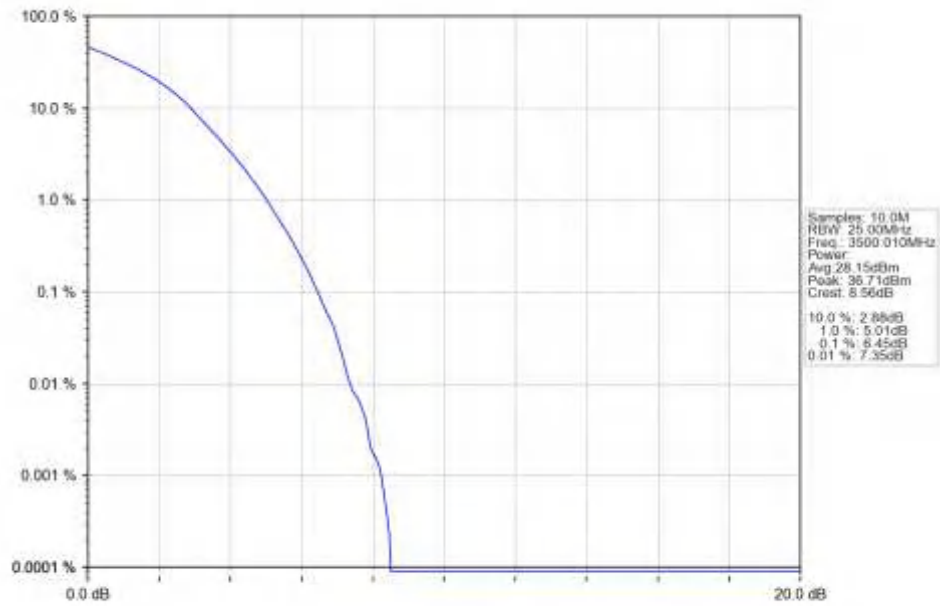
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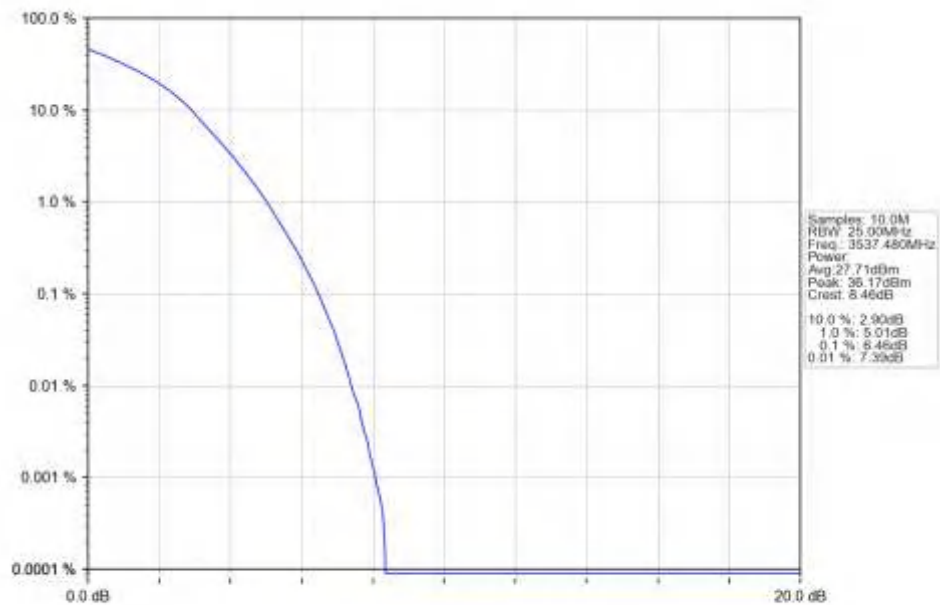
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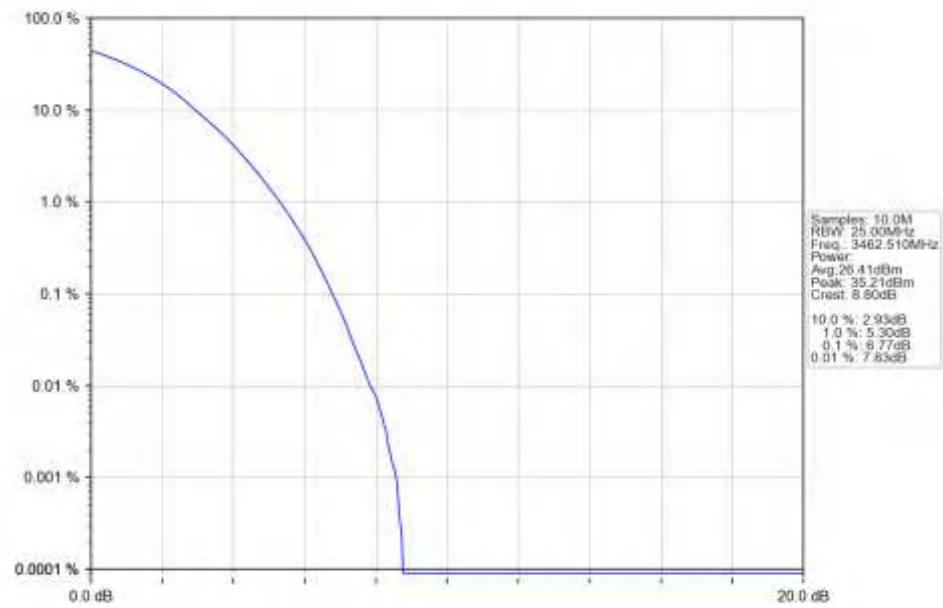
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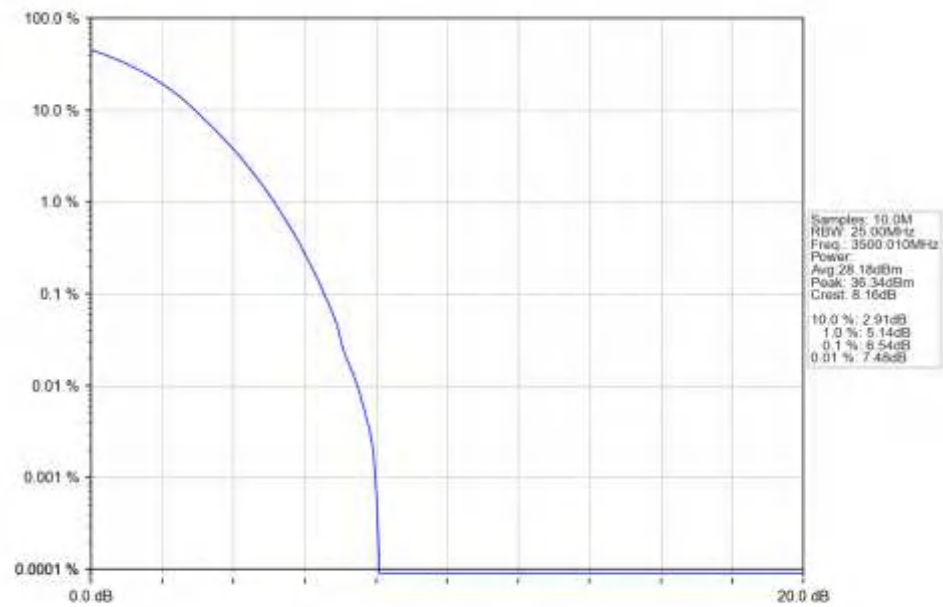
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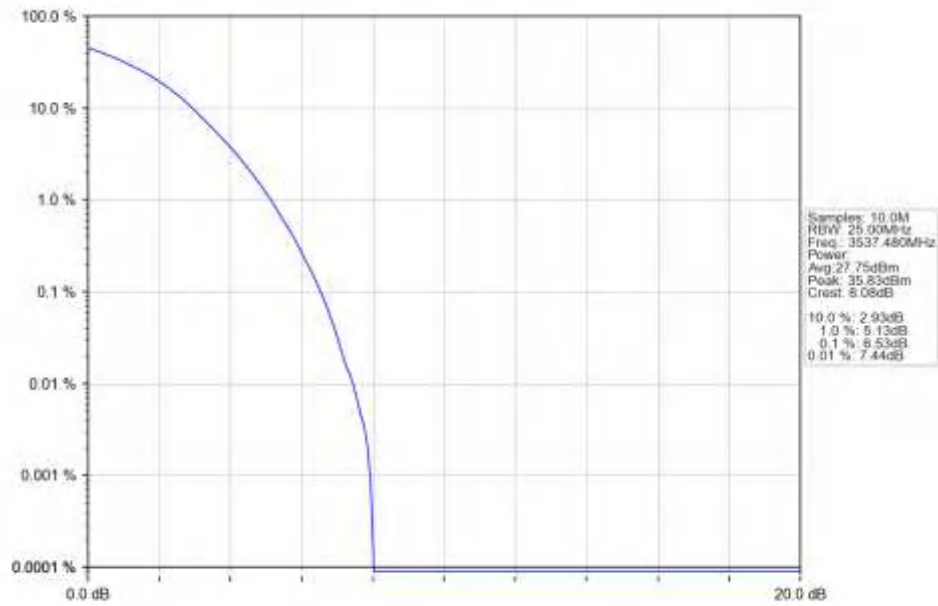
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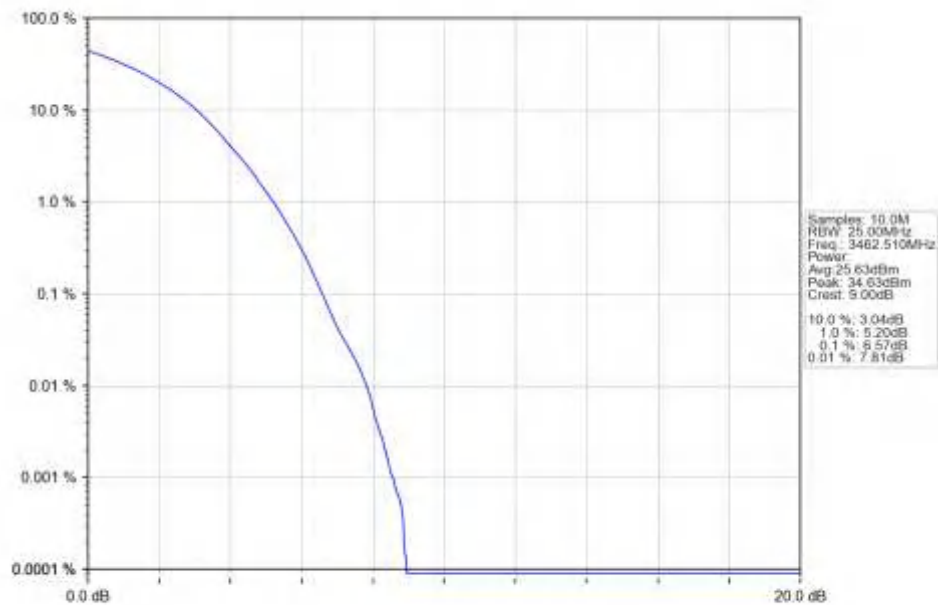
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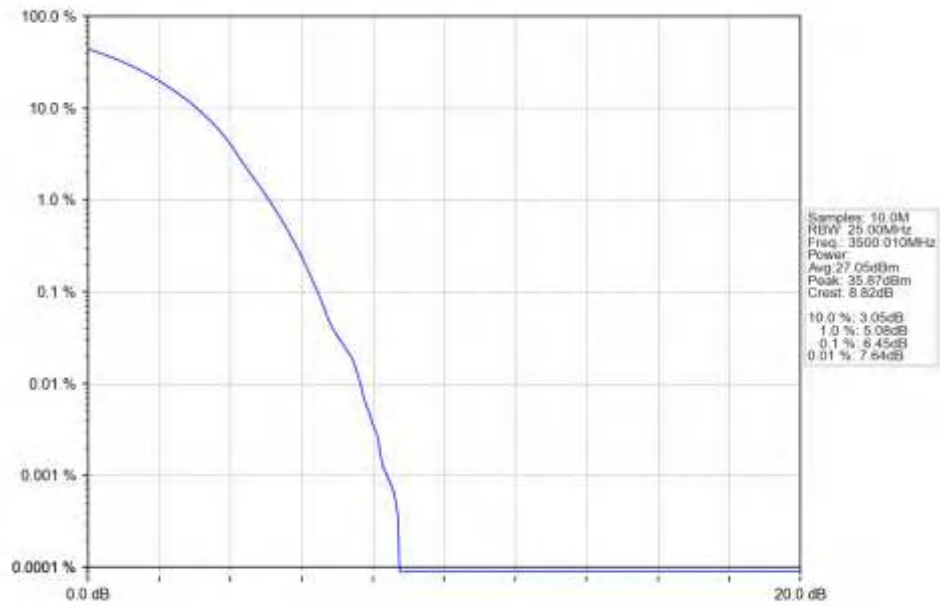
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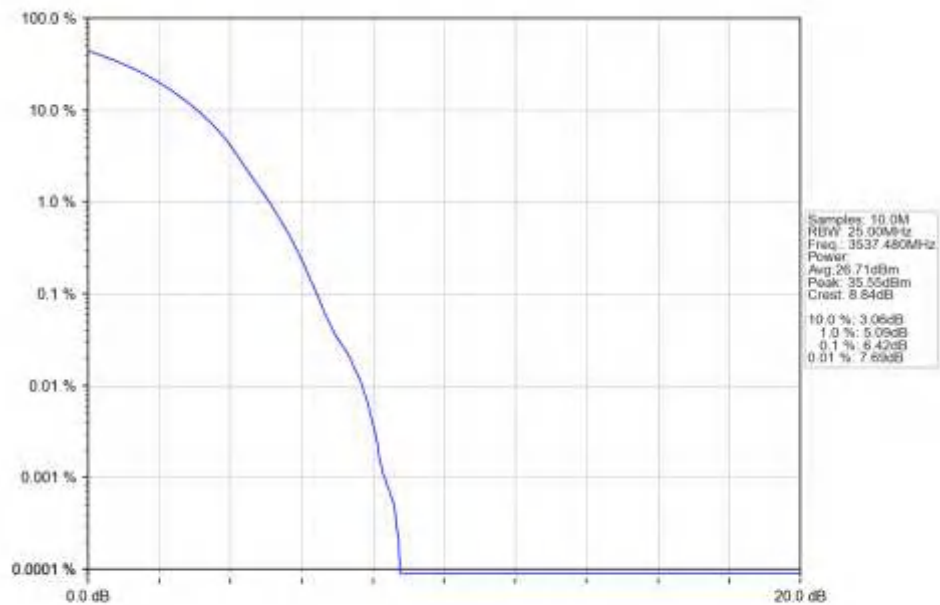
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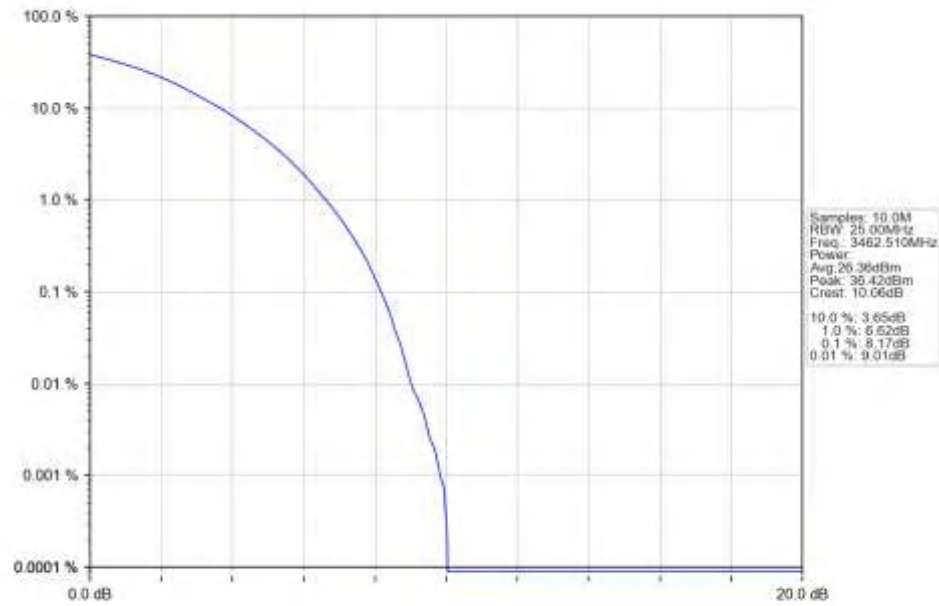
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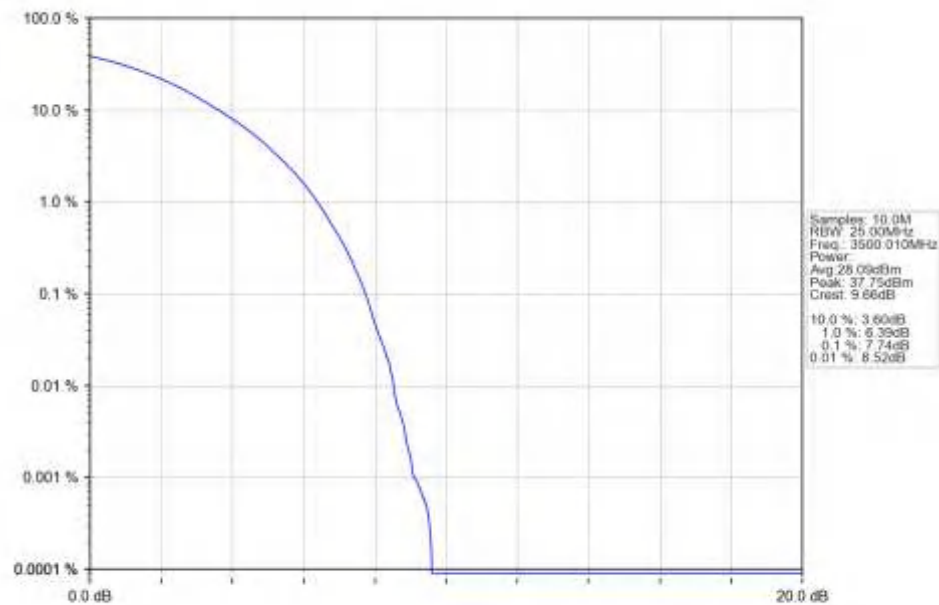
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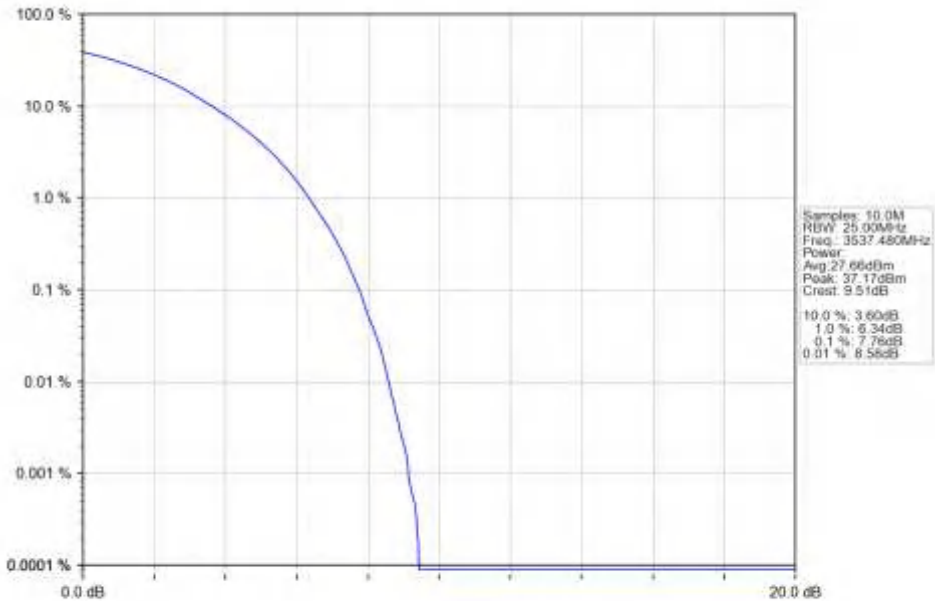
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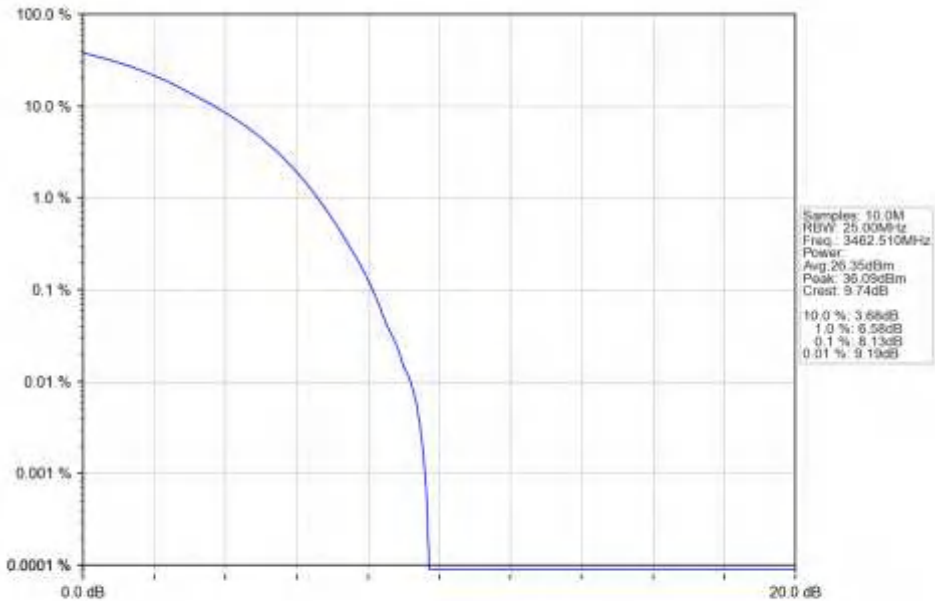
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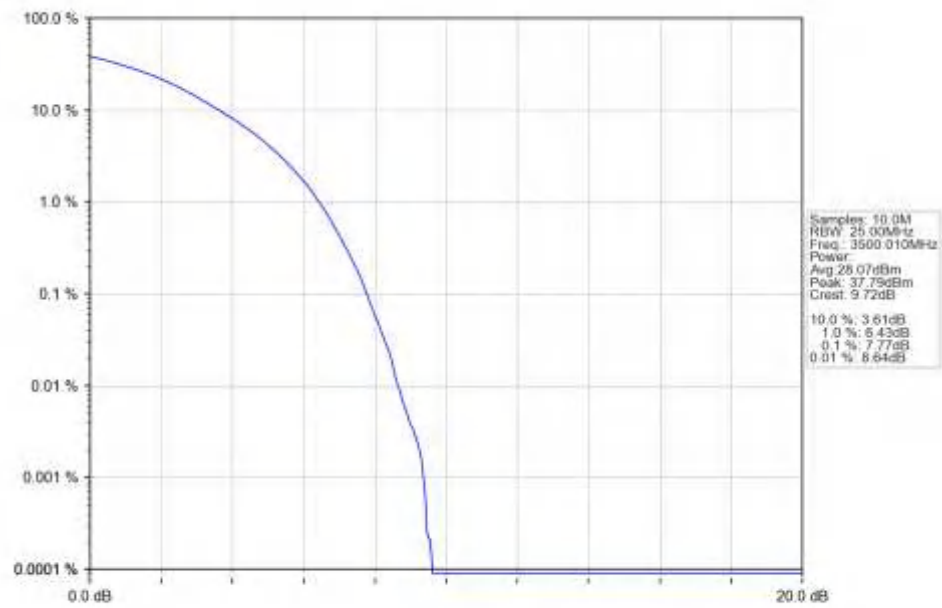
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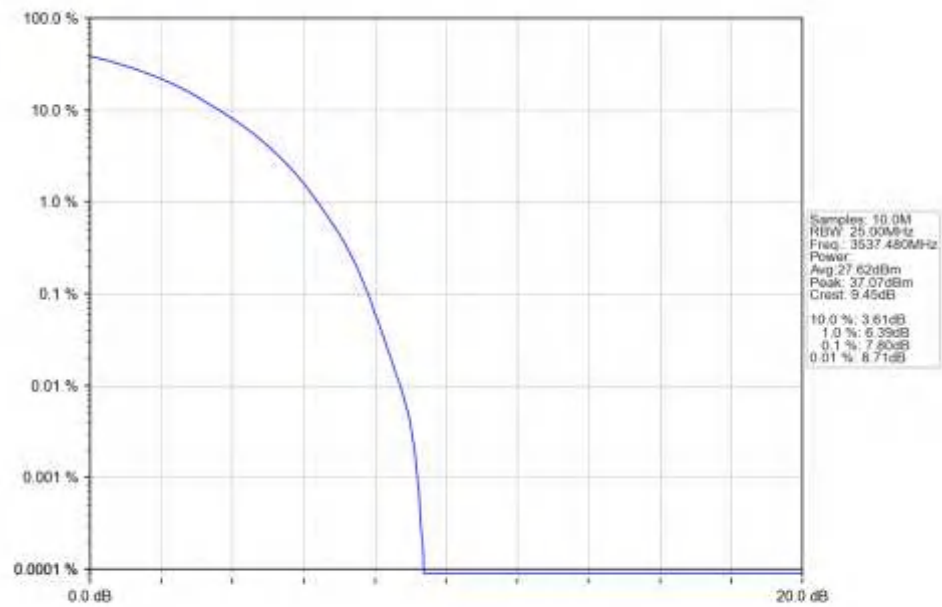
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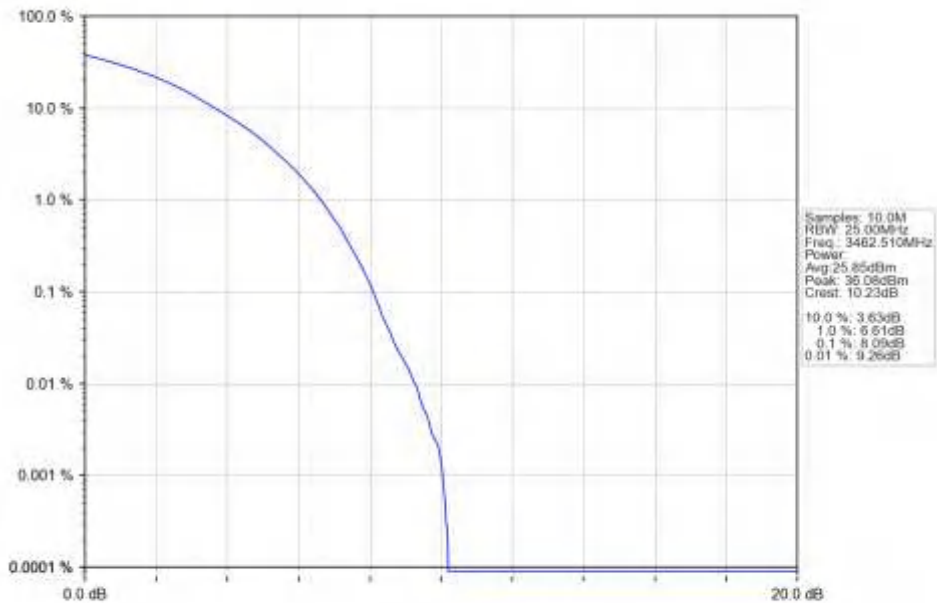
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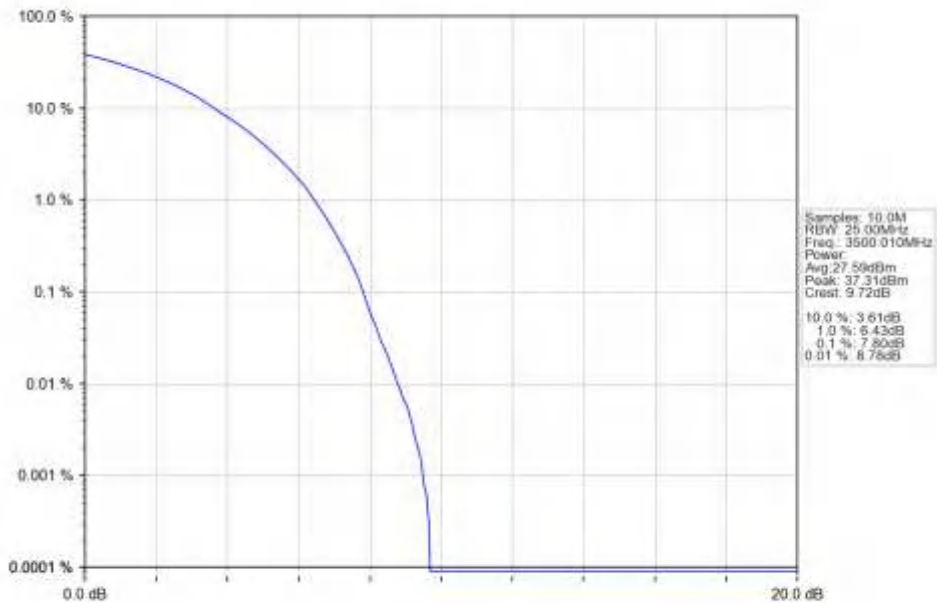
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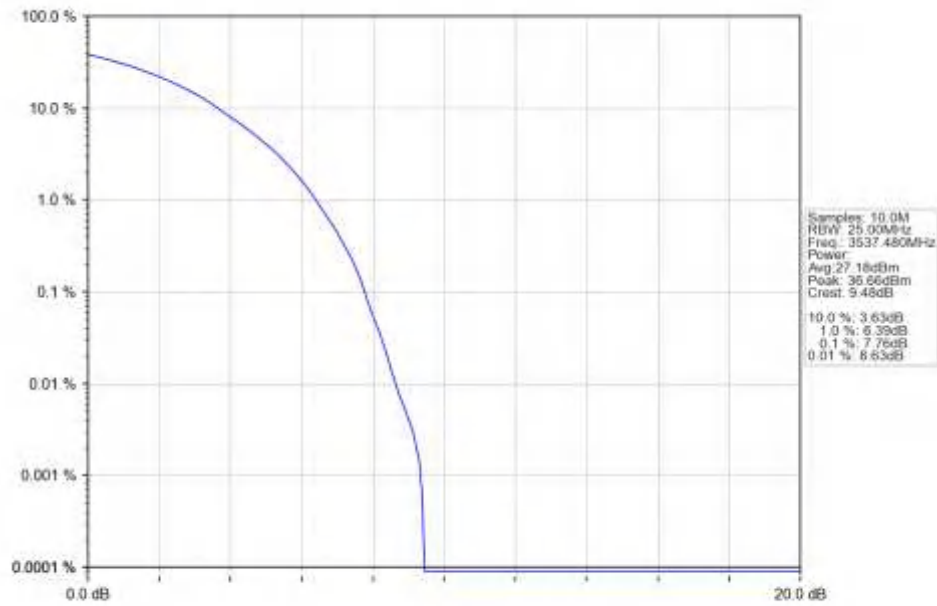
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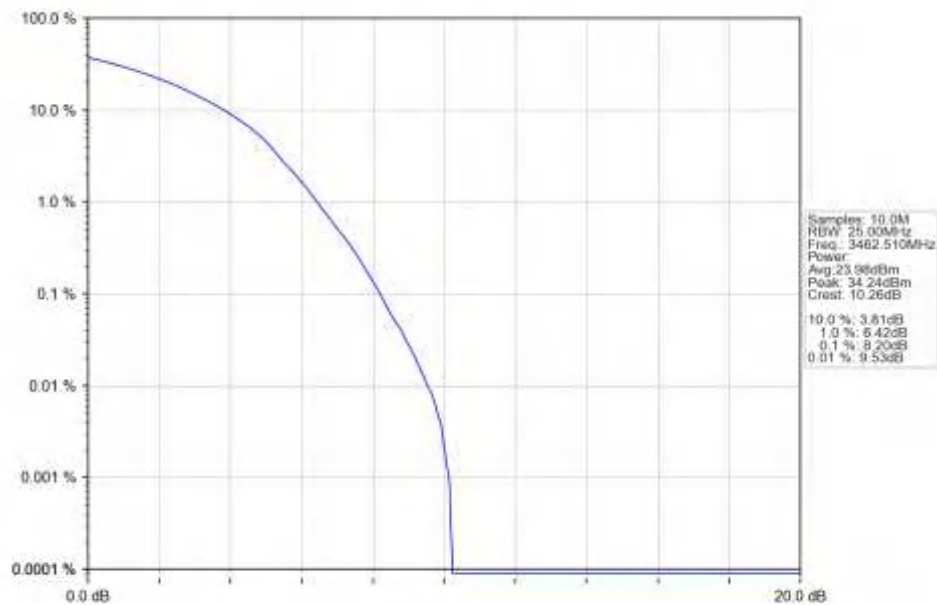
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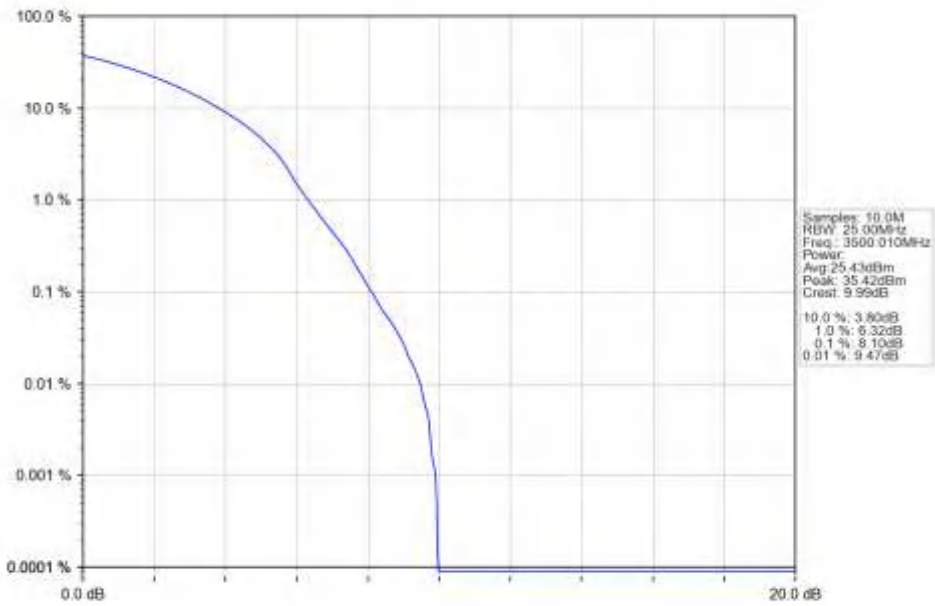
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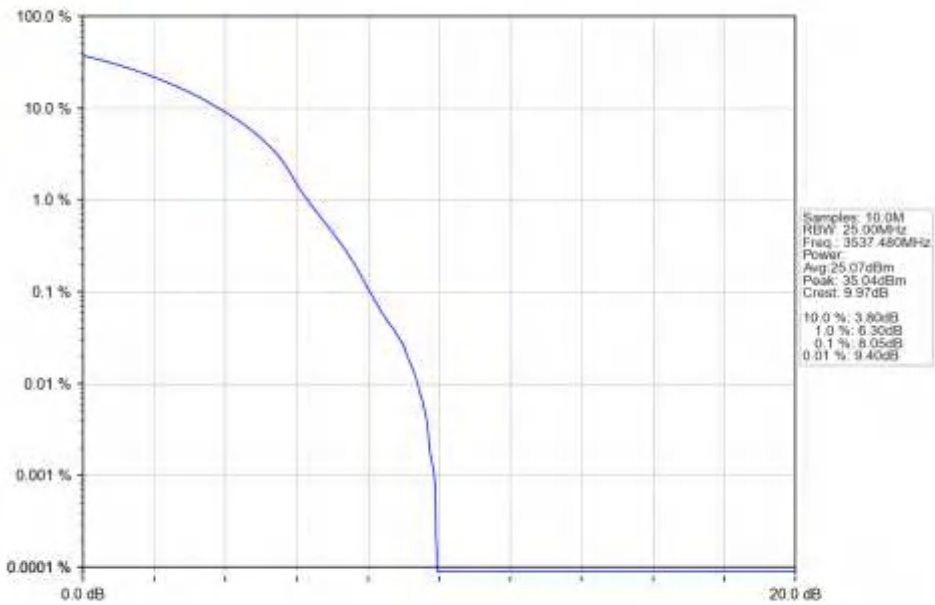
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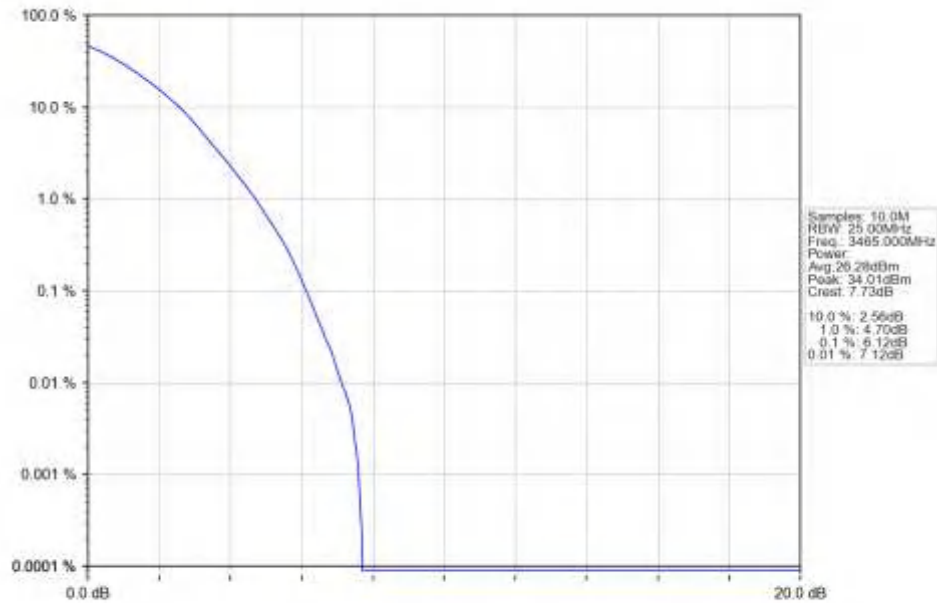


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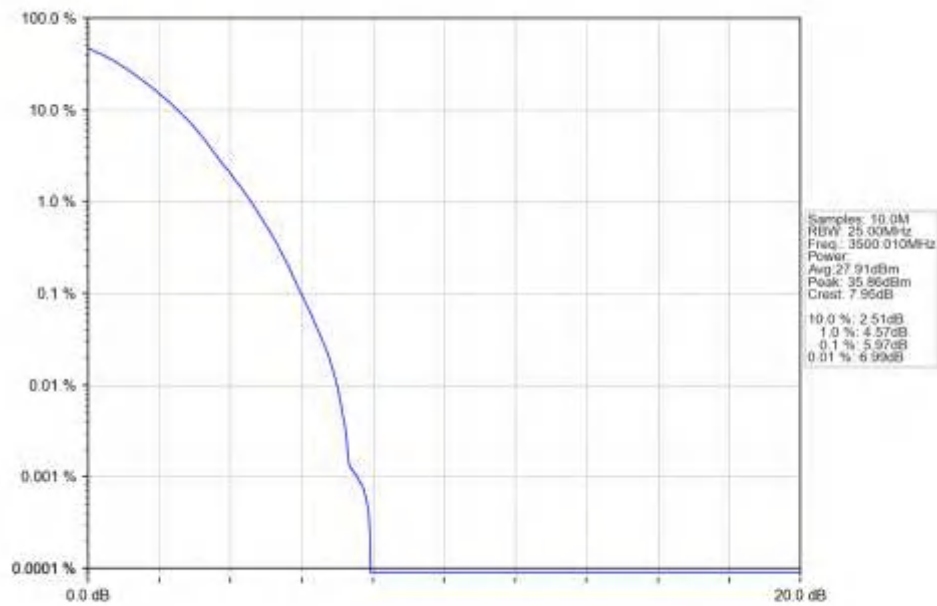


5.2.12 30k_SISO_30MHz_NTNV

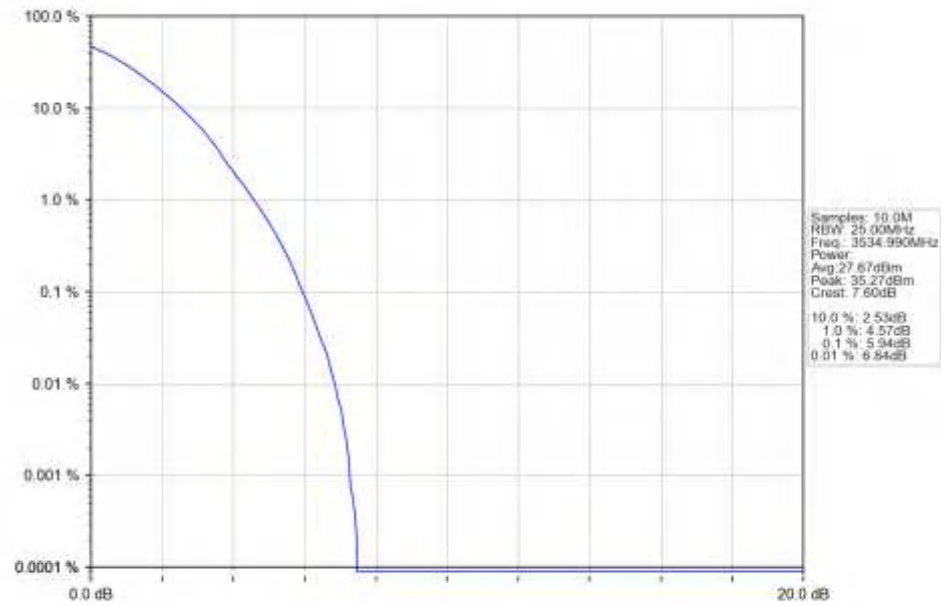
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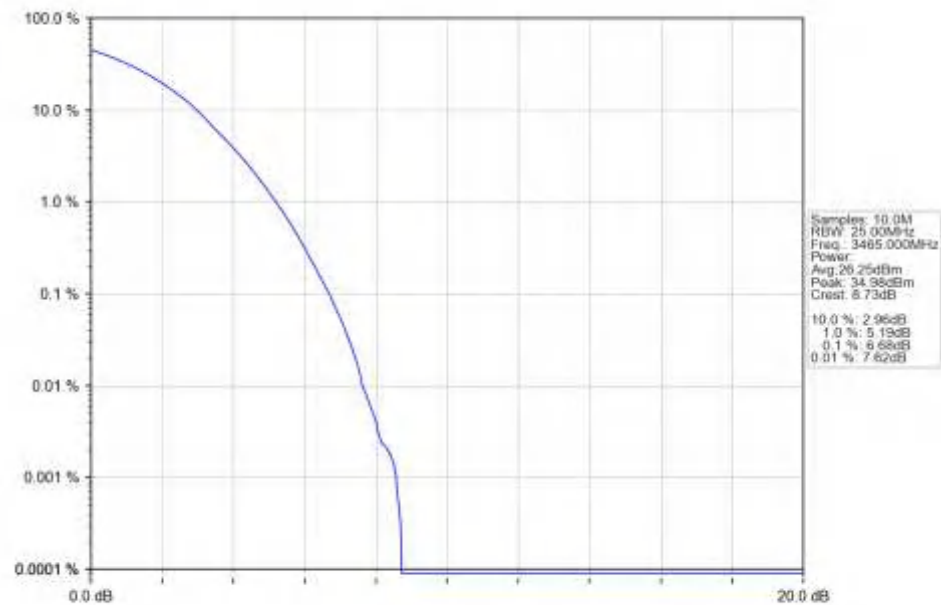
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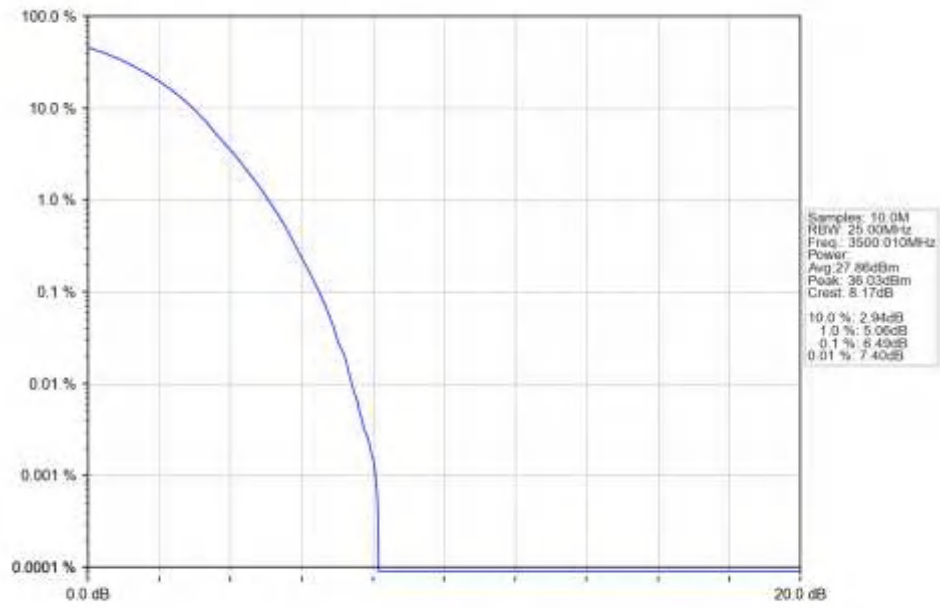
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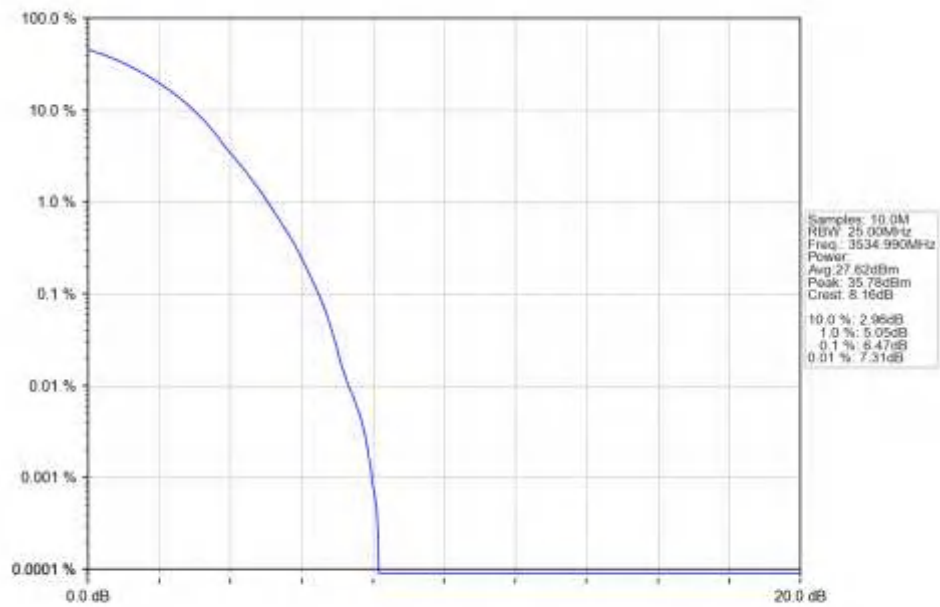
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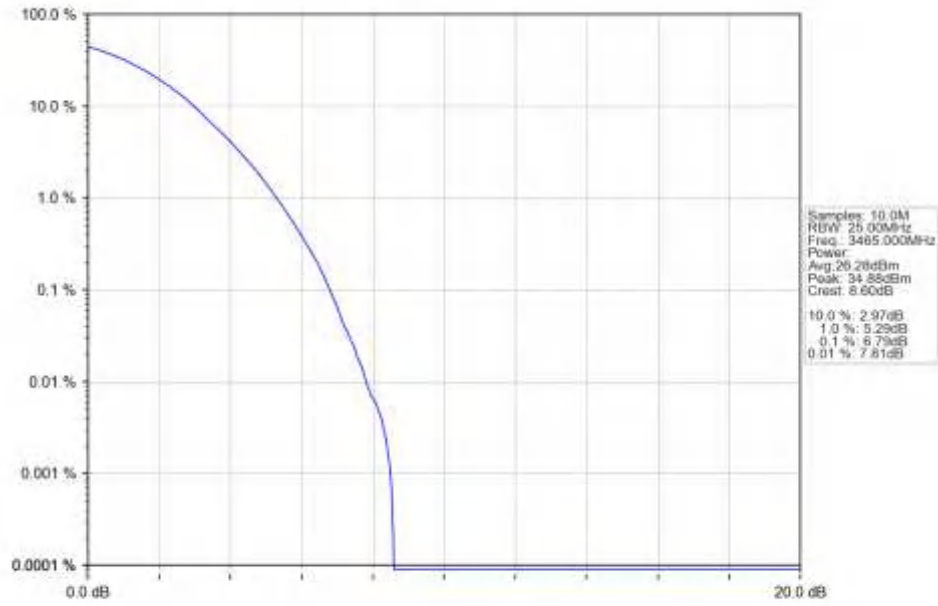
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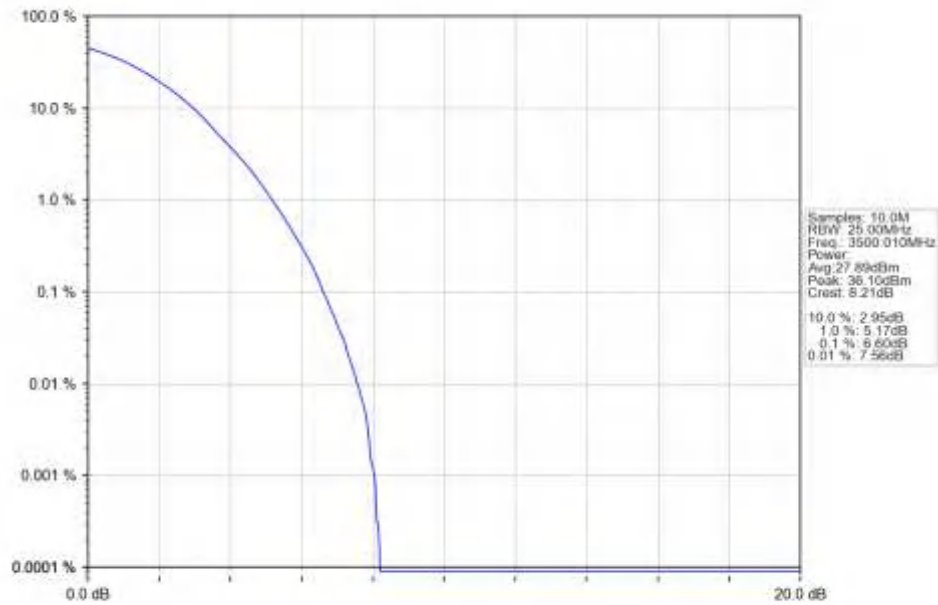
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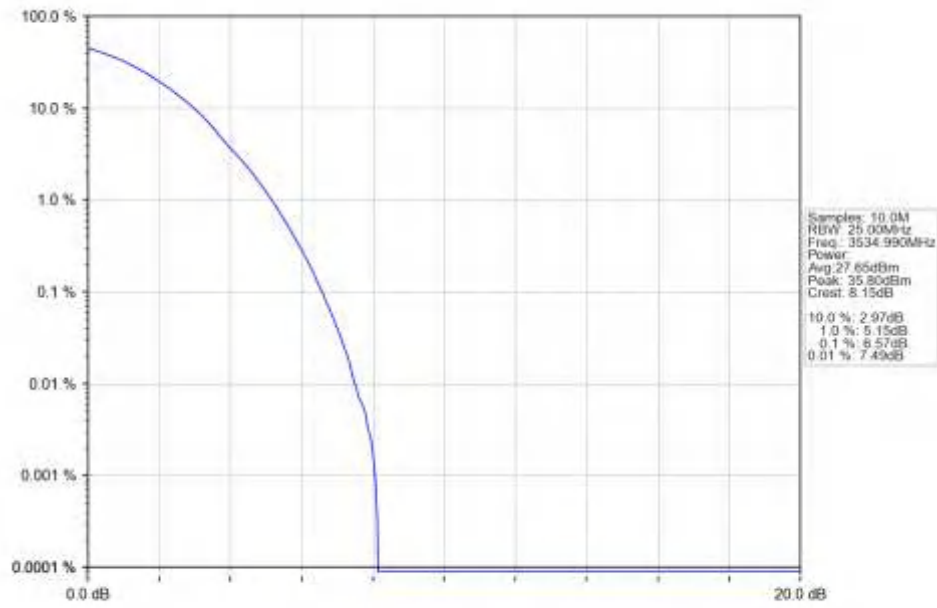
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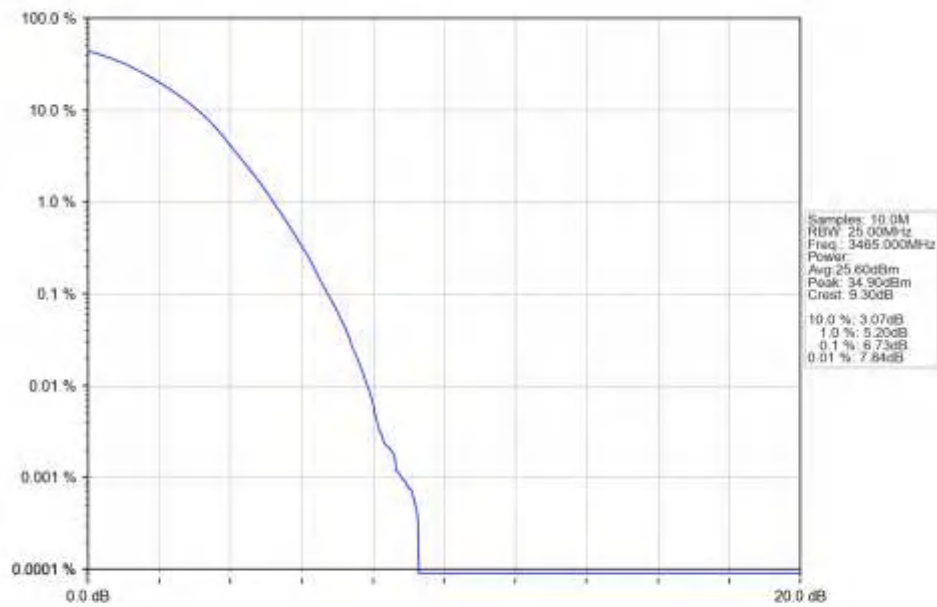
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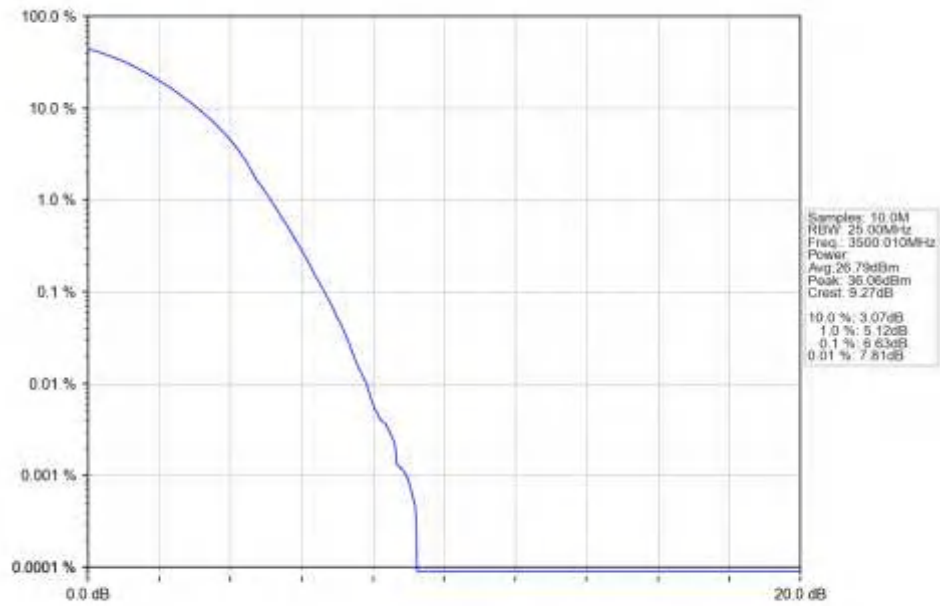
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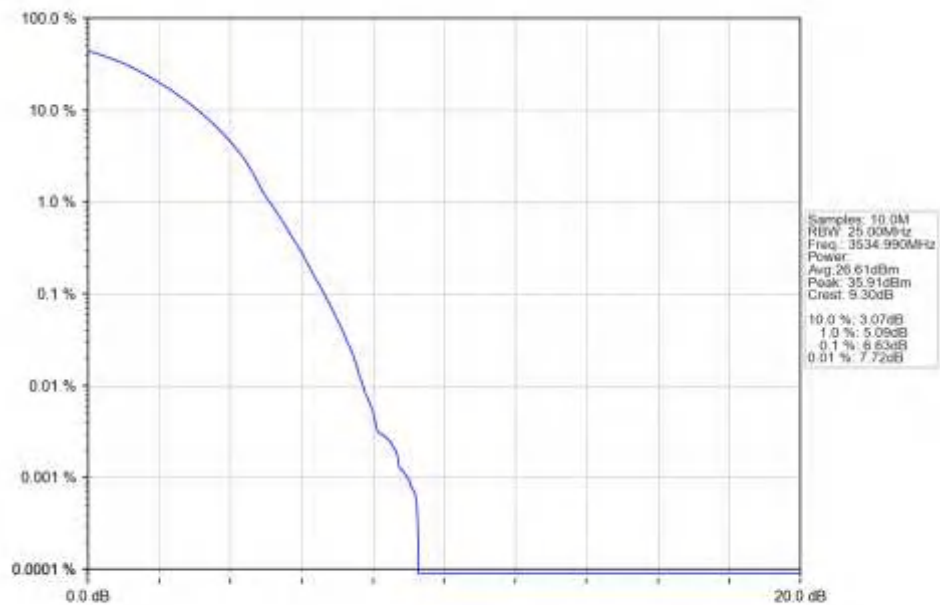
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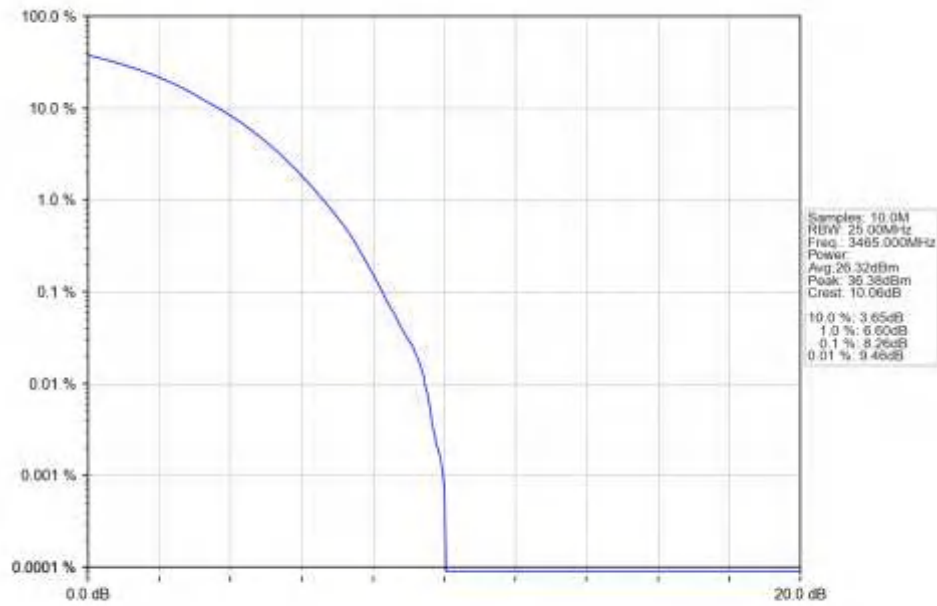
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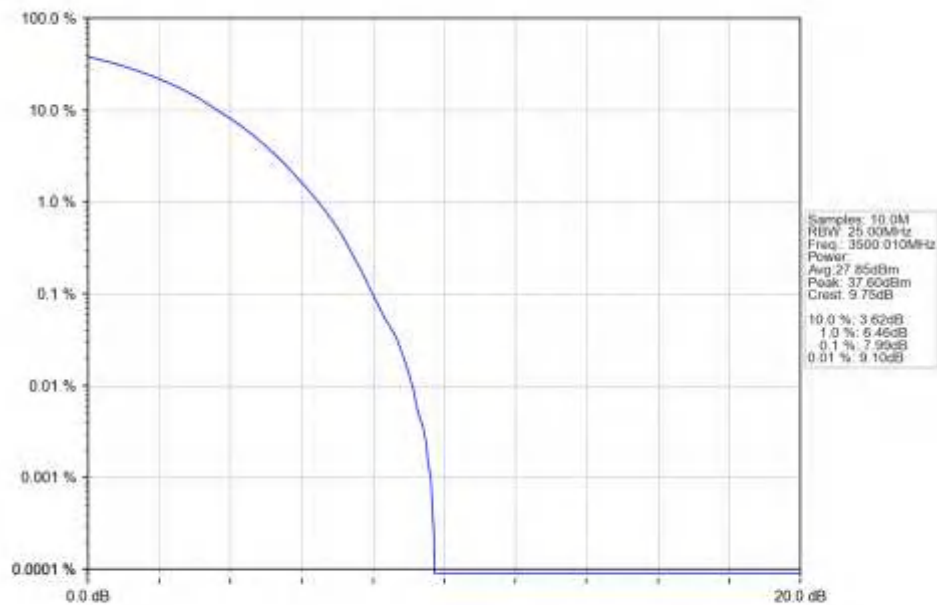
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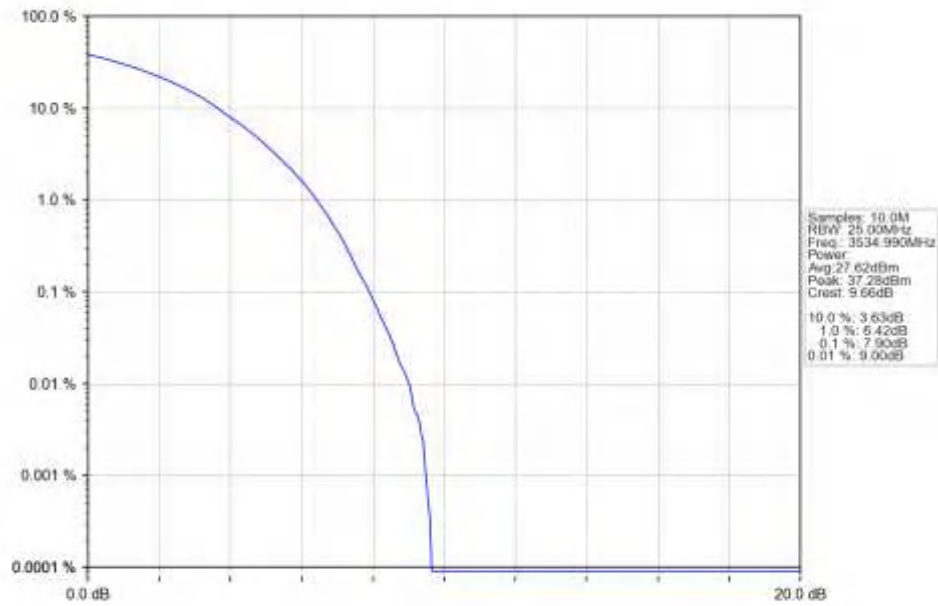
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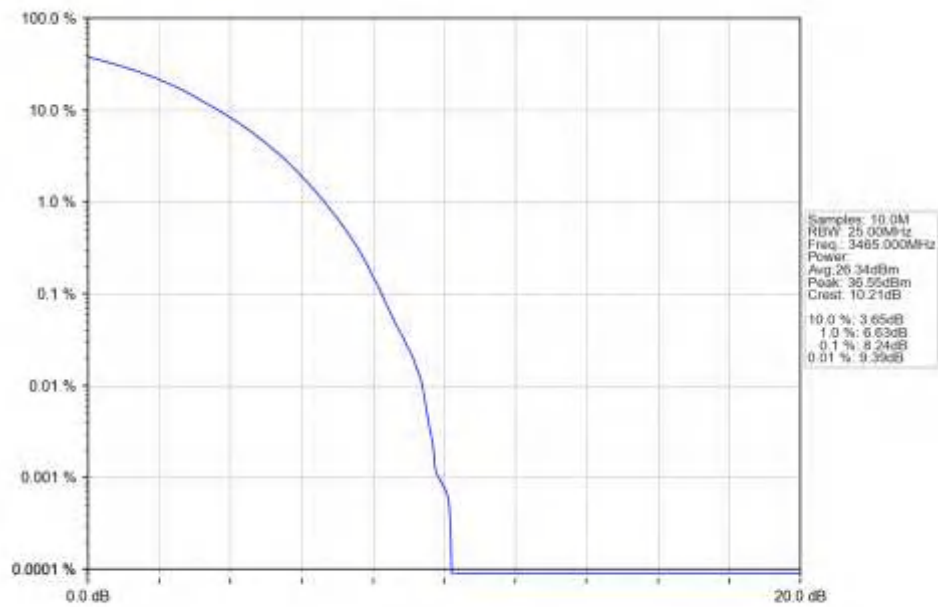
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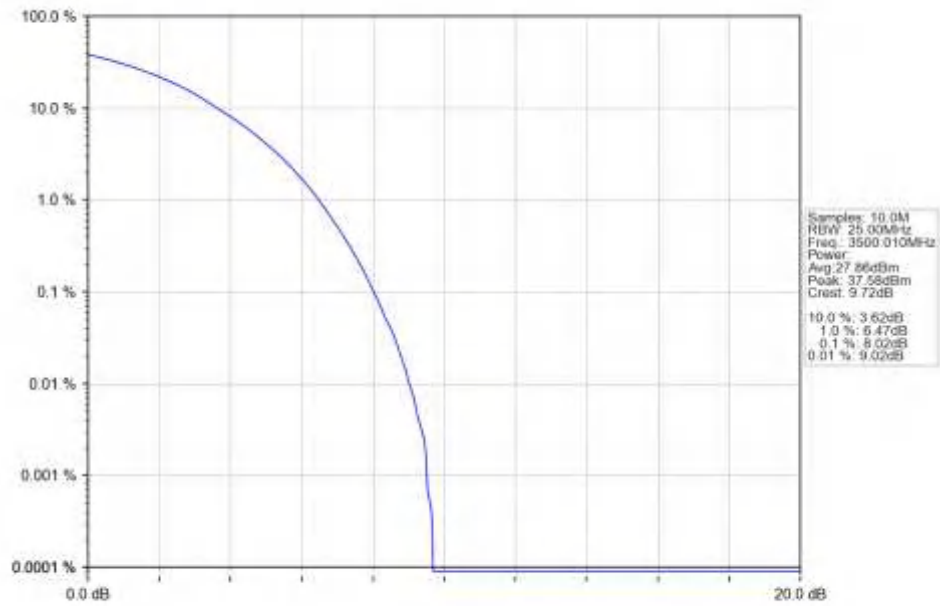
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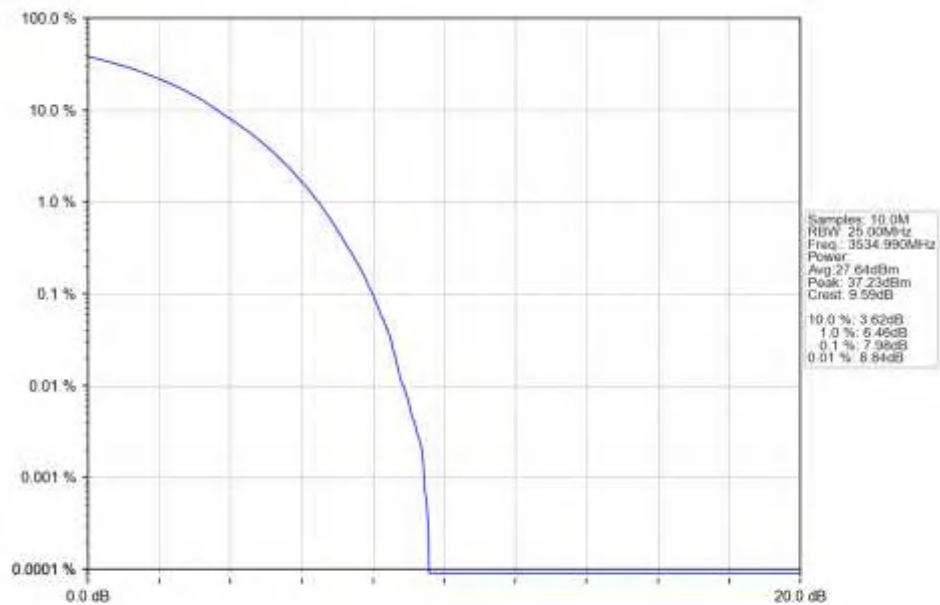
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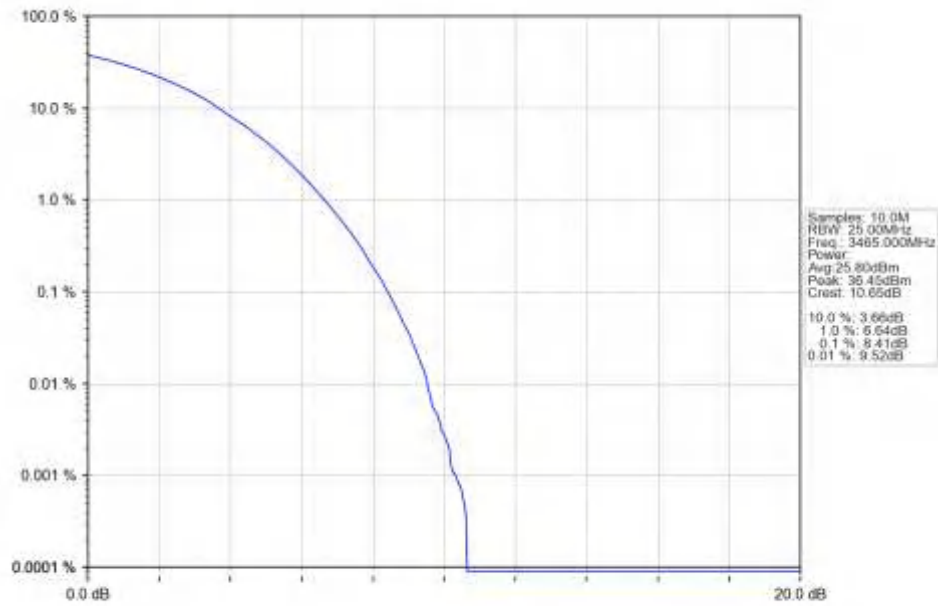
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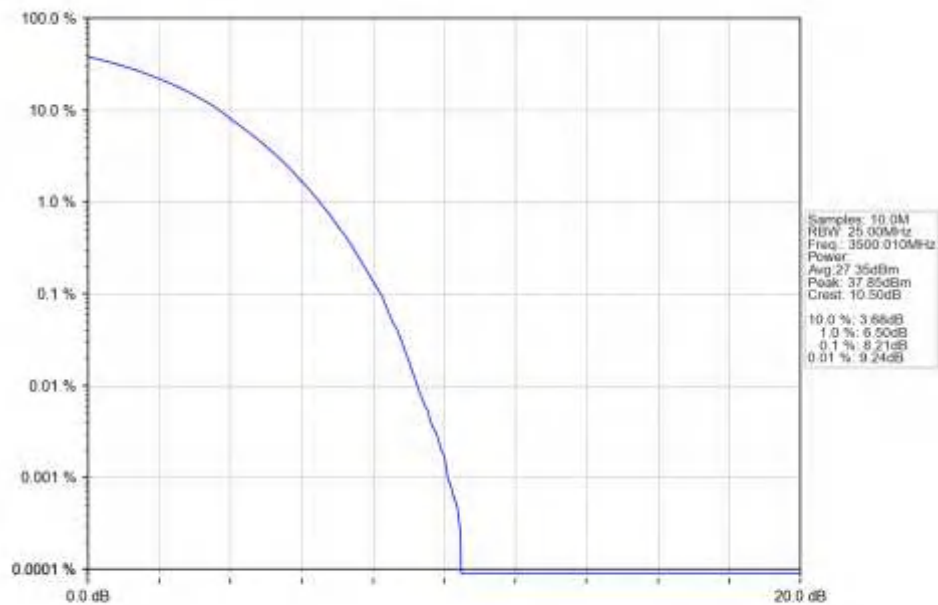
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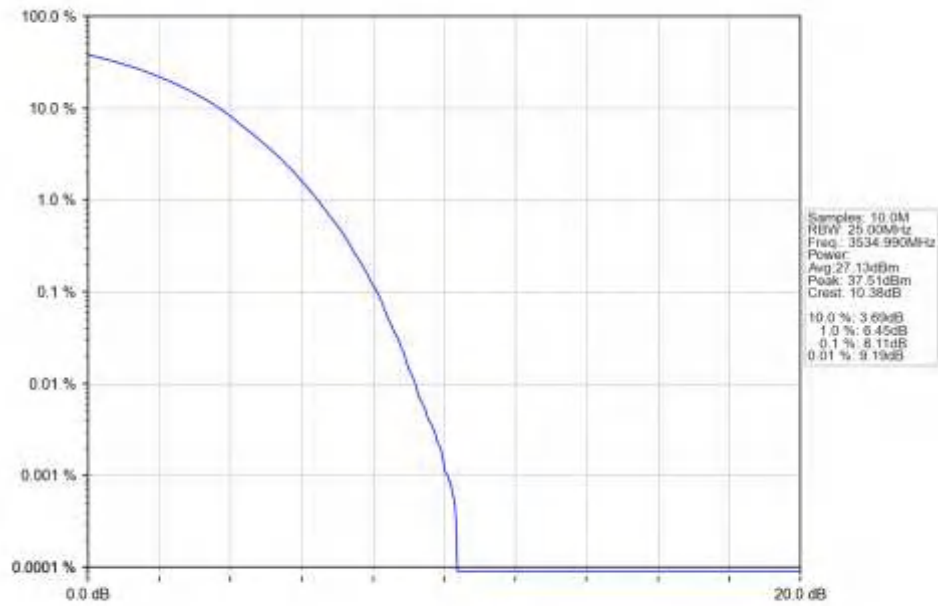
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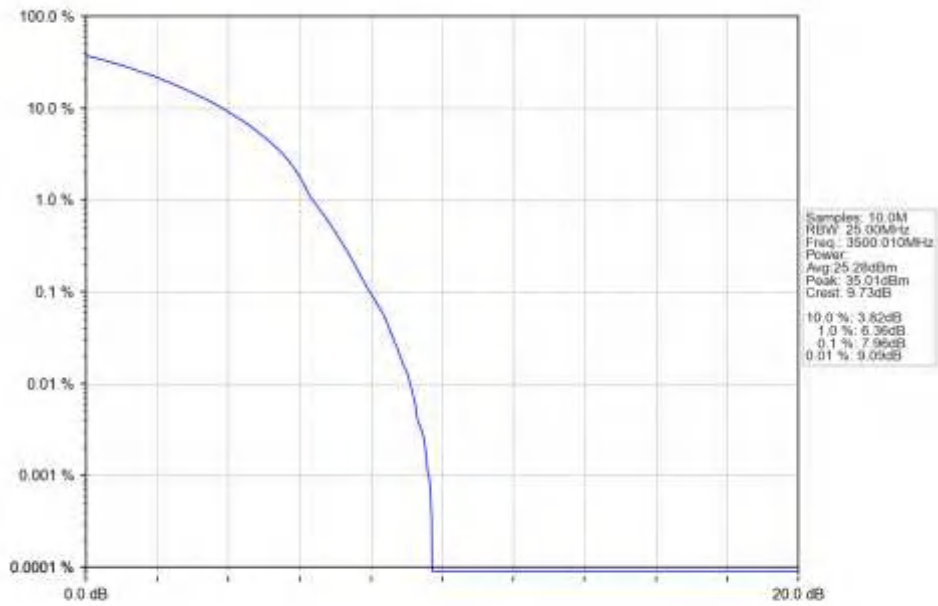
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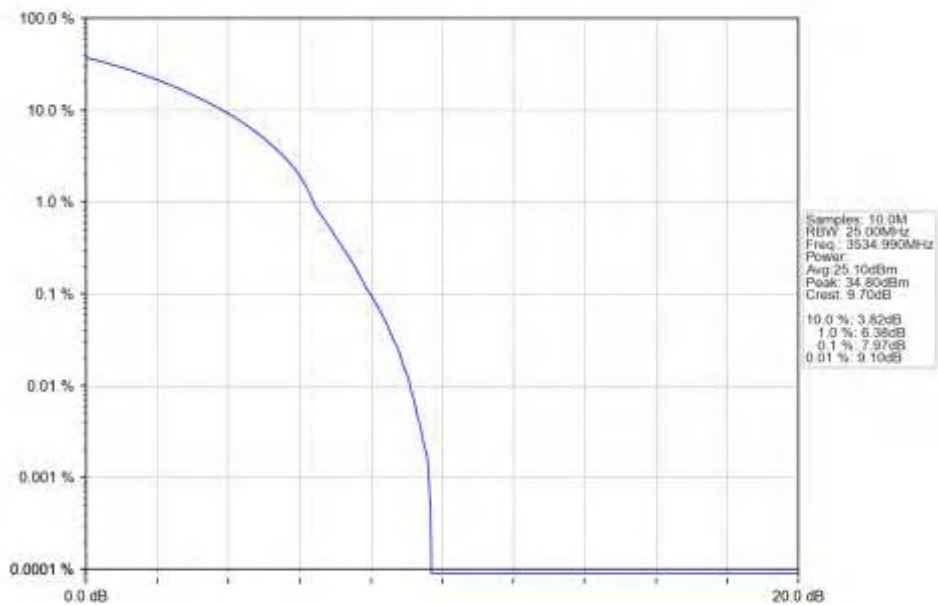
n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3465MHz_Outer_Full_Ant1



n77d 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

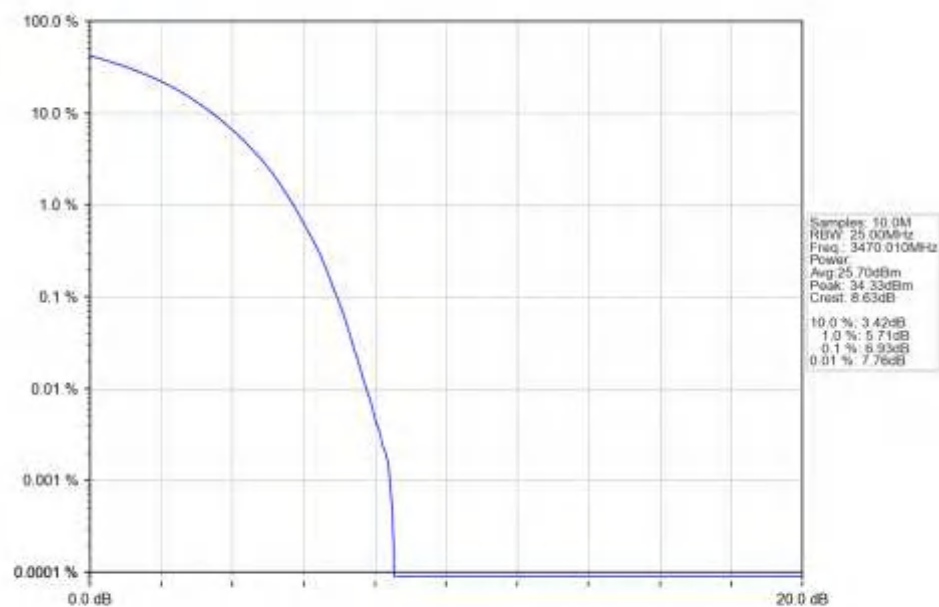


n77d 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3534.99MHz Outer Full Ant1

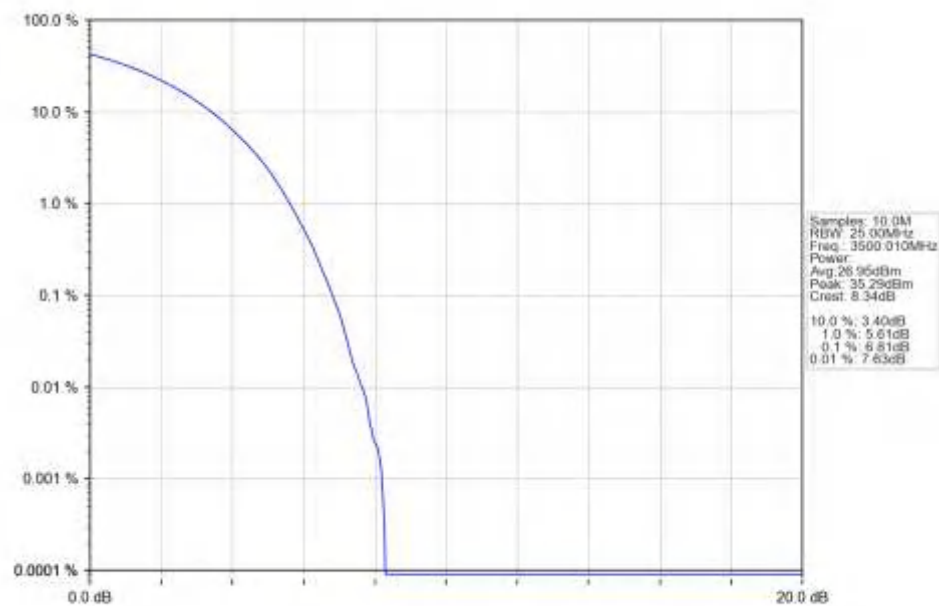


5.2.13 30k_SISO_40MHz_NTNV

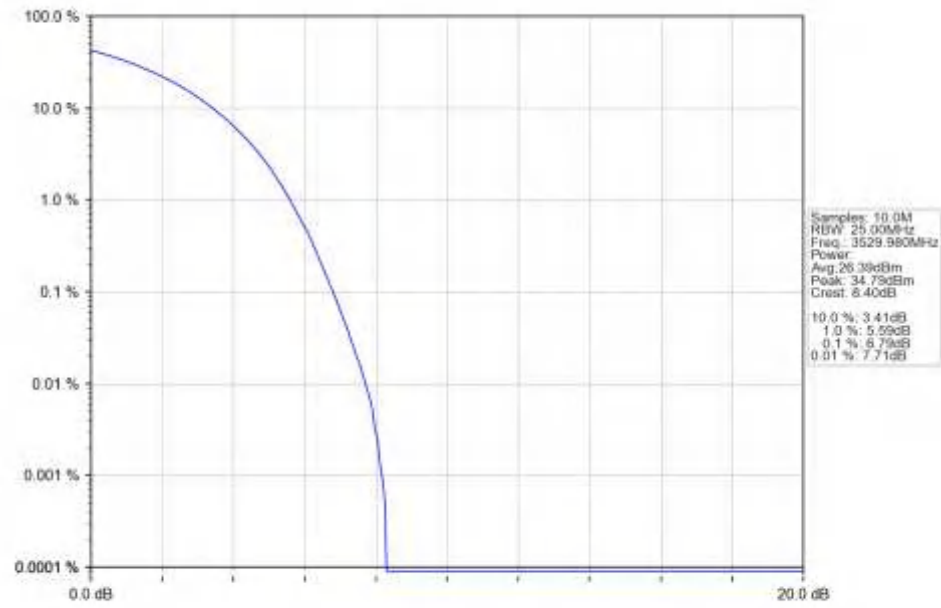
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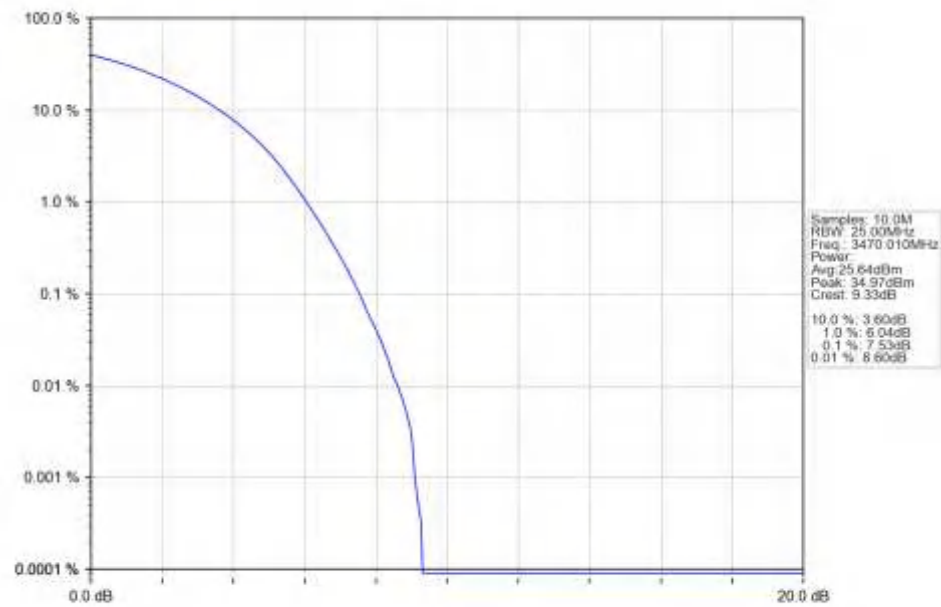
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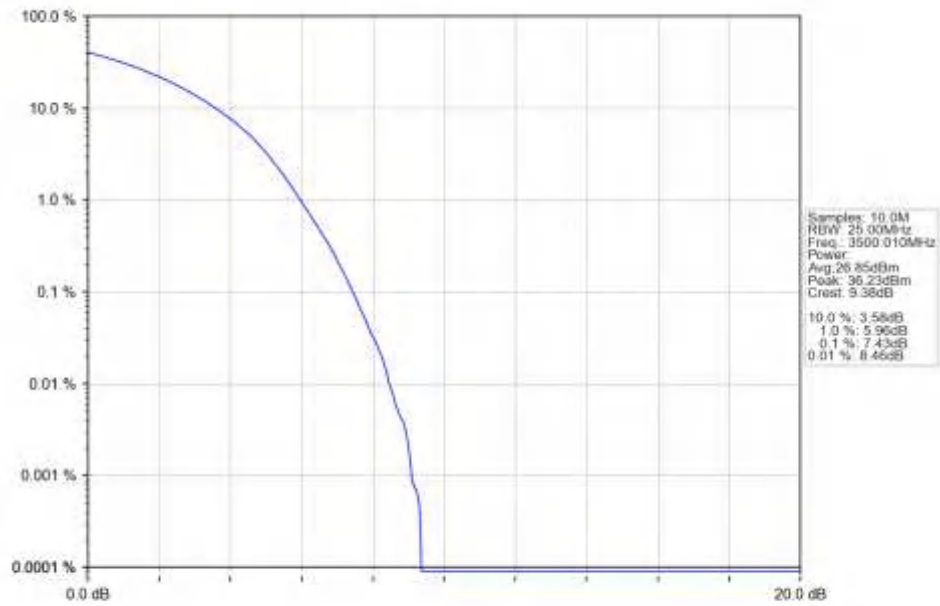
n77d 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3529.98MHz Outer Full Ant1



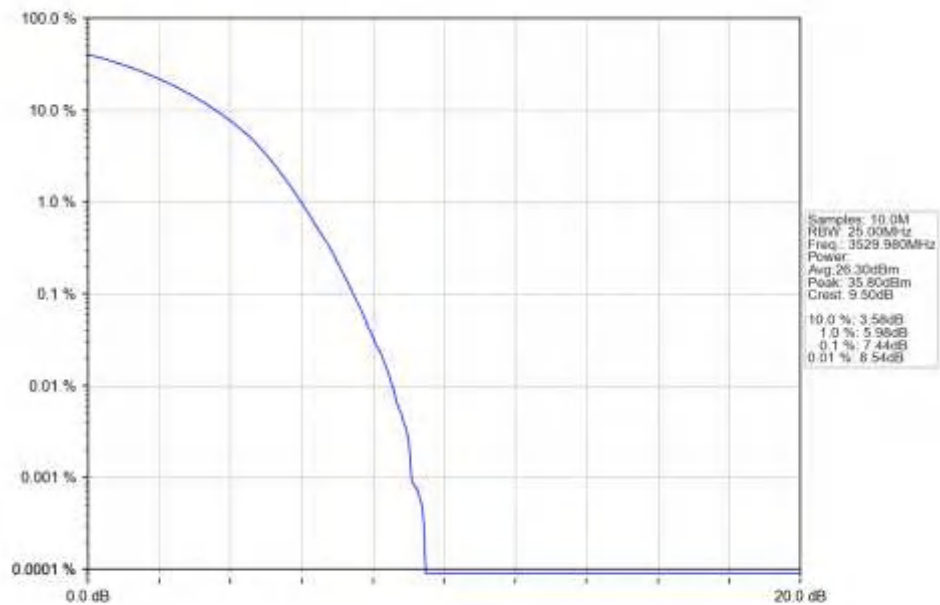
n77d 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3470.01MHz Outer Full Ant1



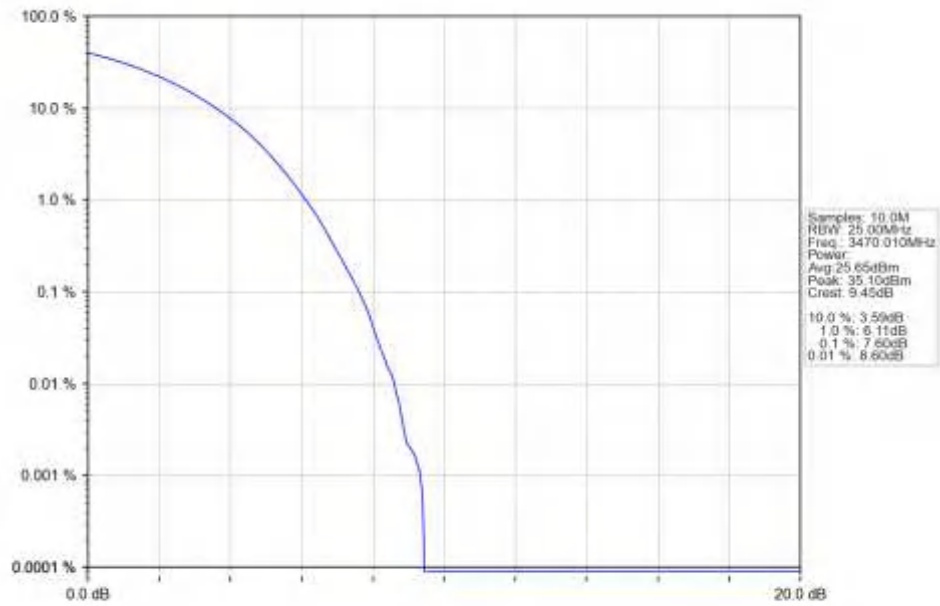
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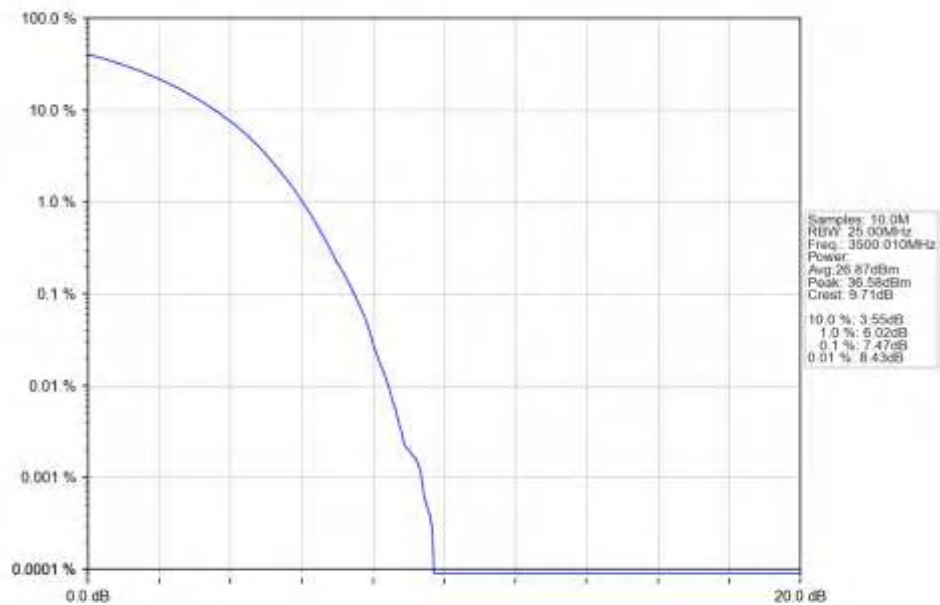
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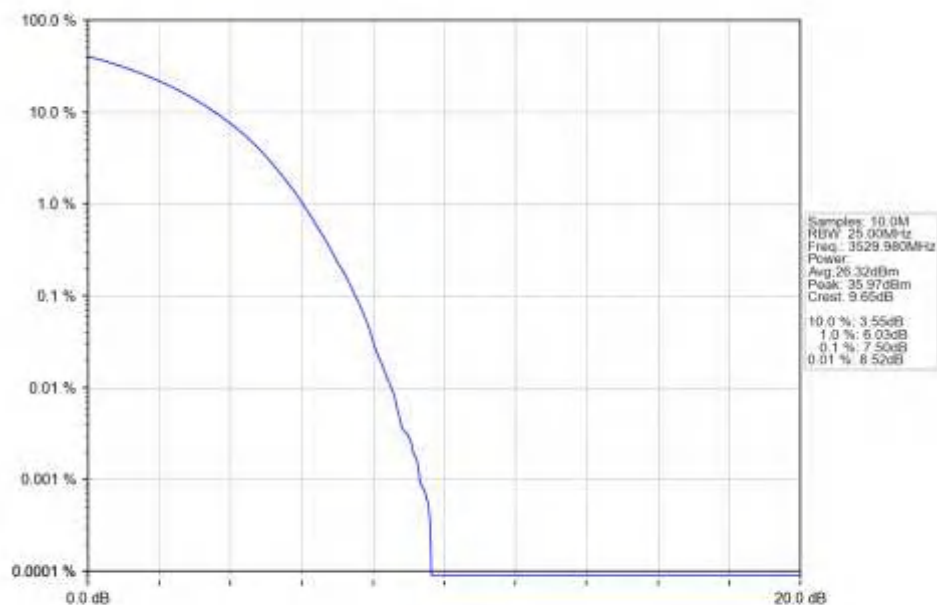
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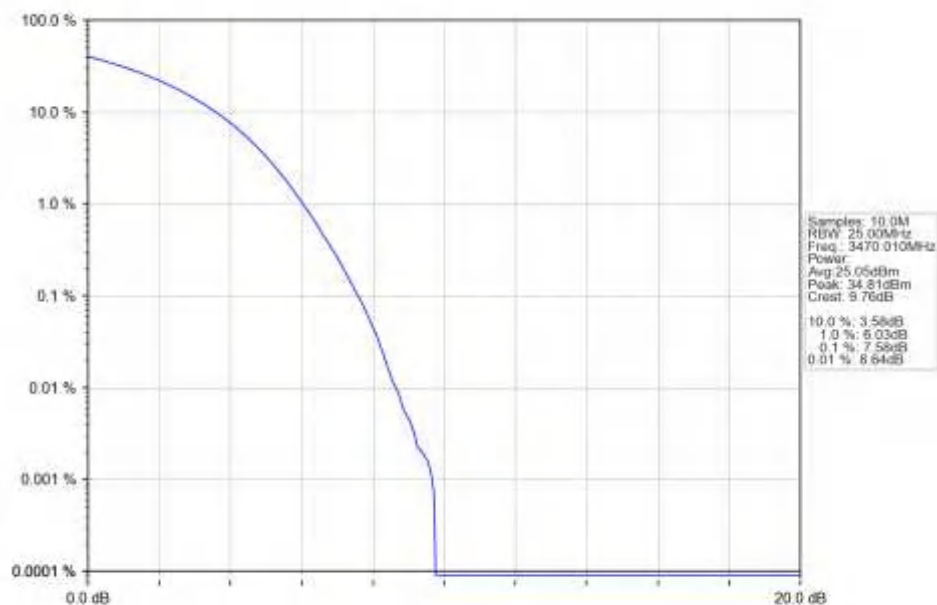
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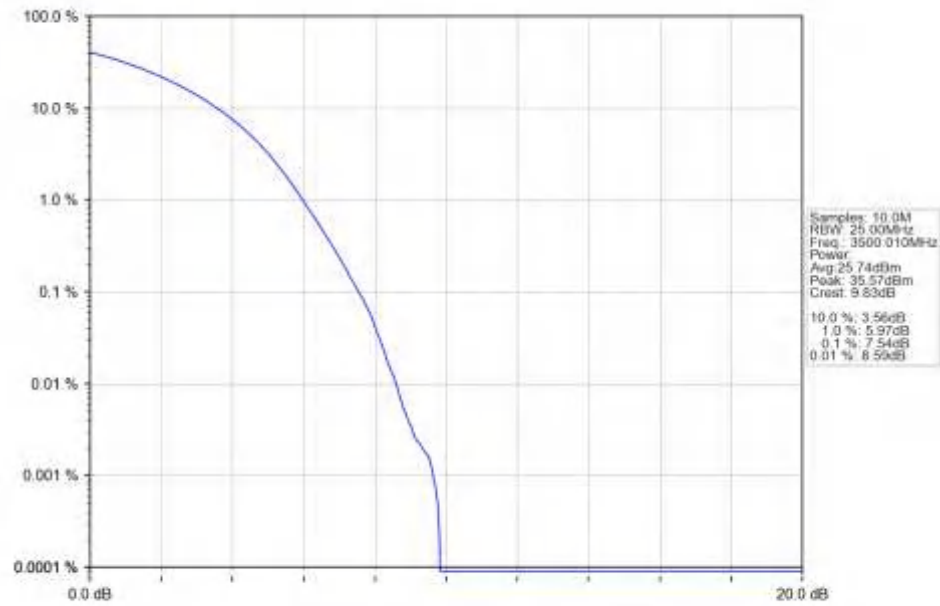
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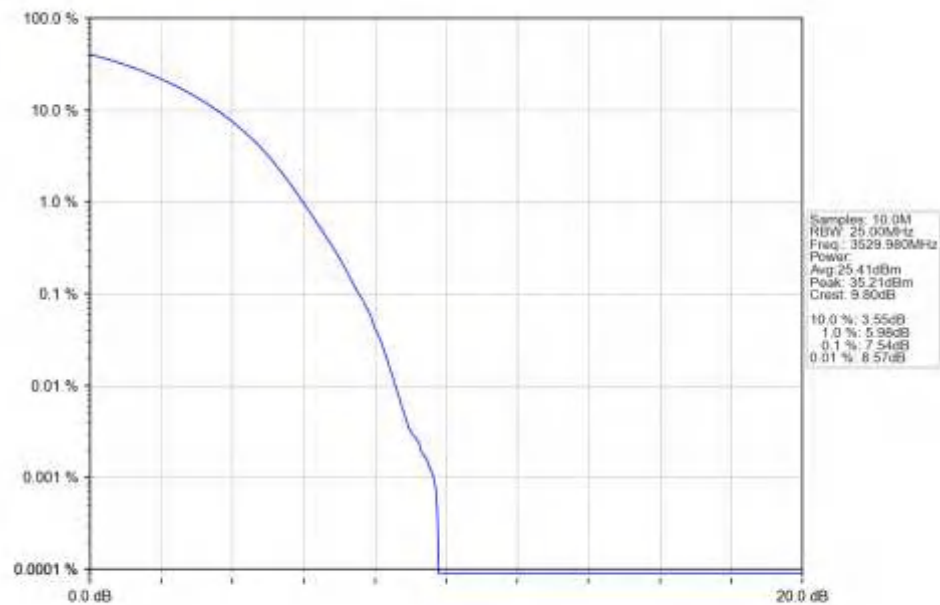
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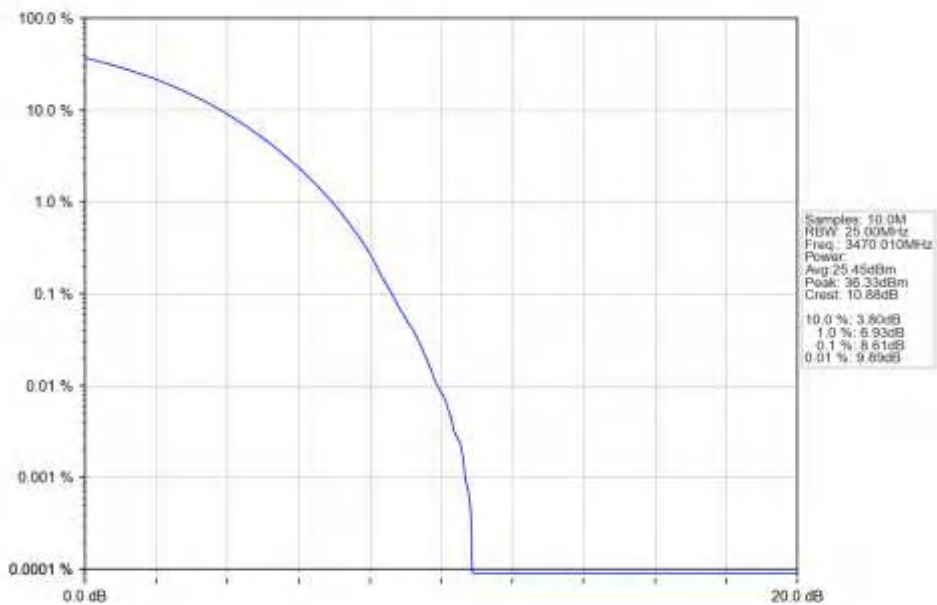
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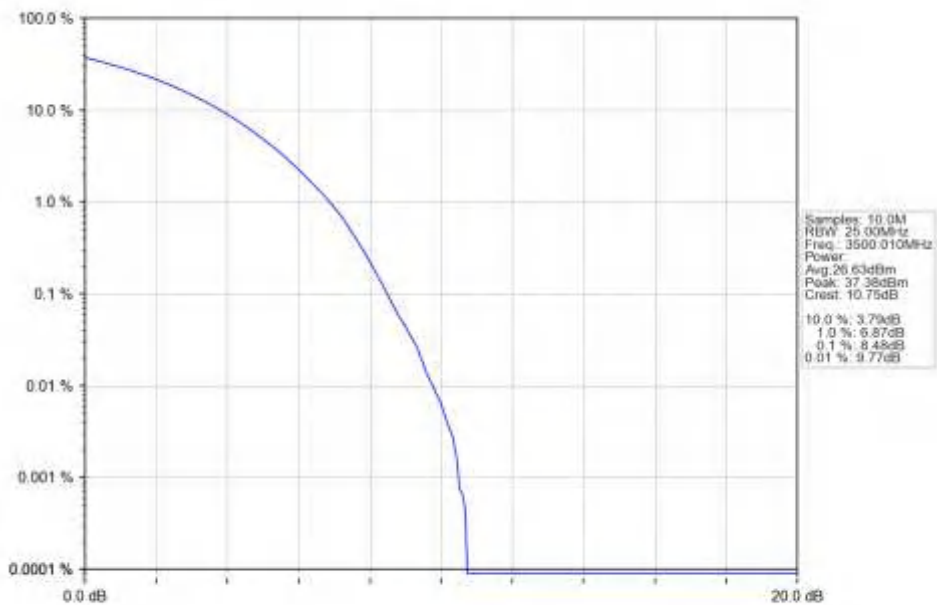
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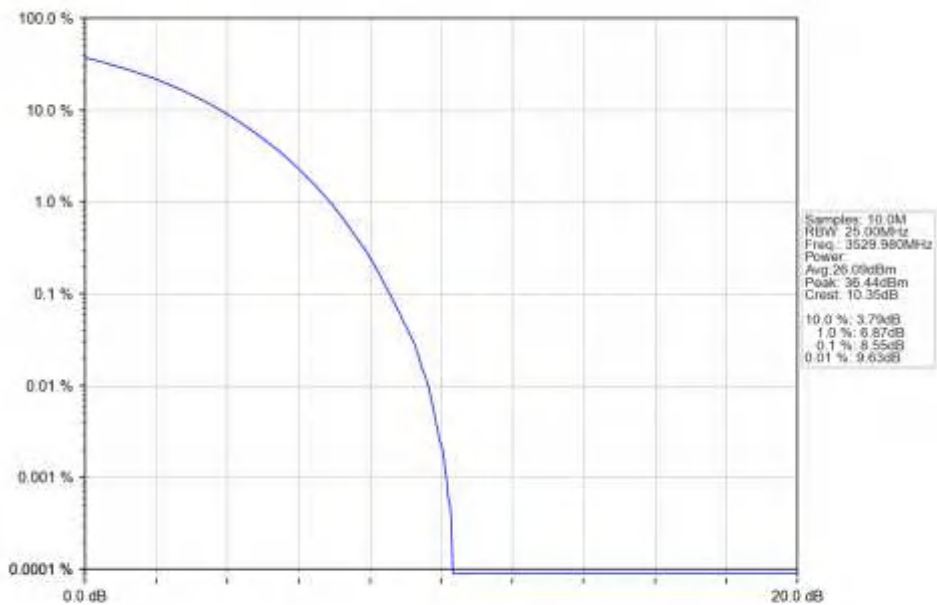
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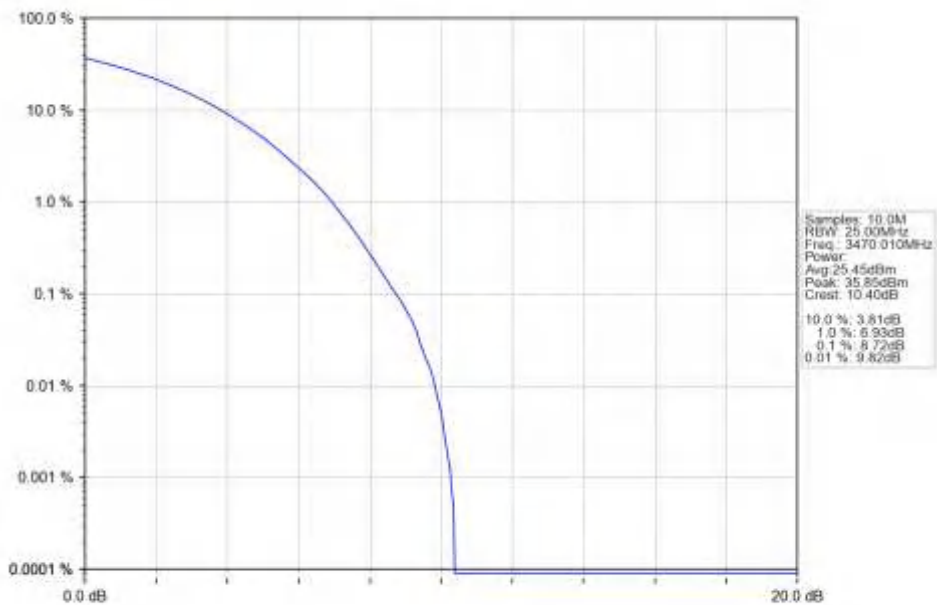
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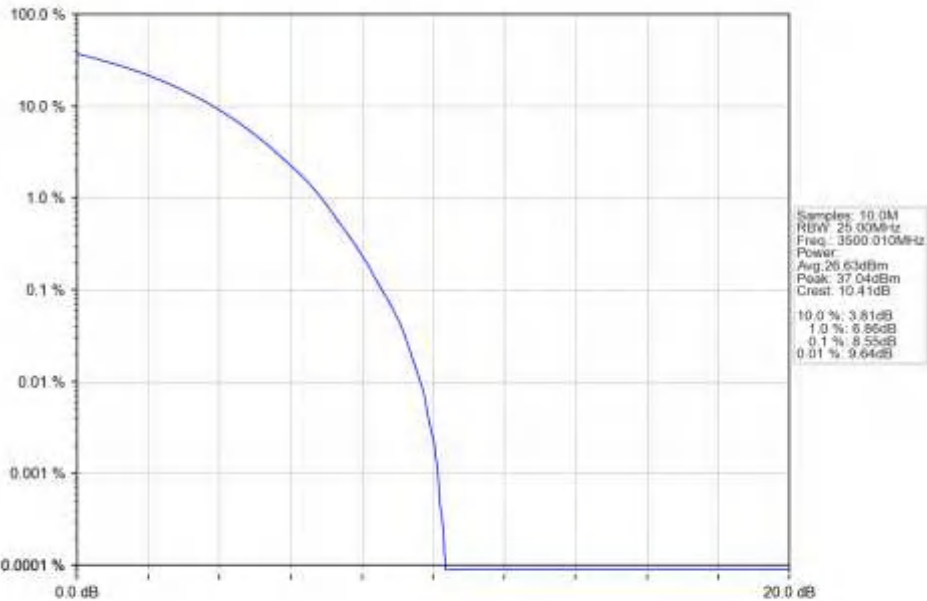
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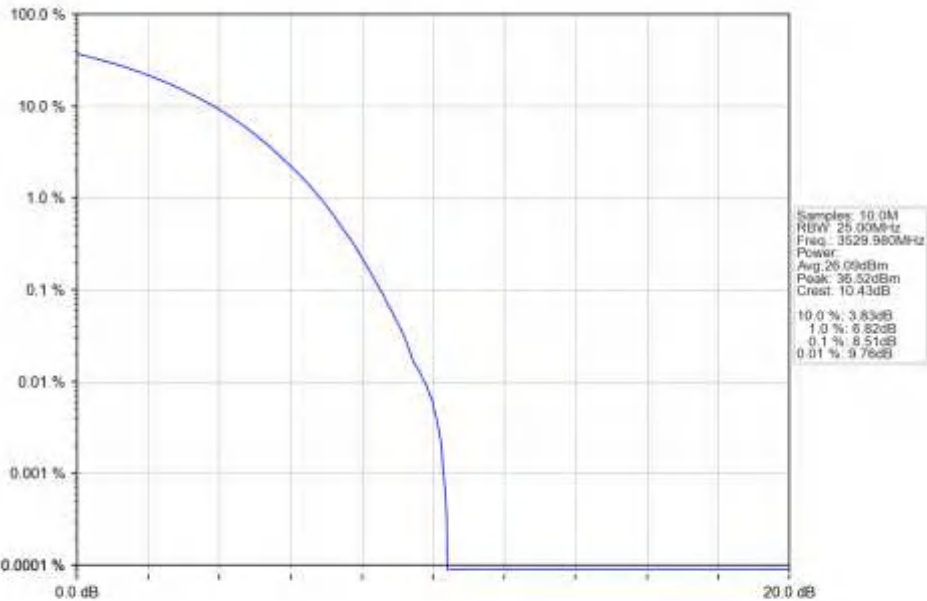
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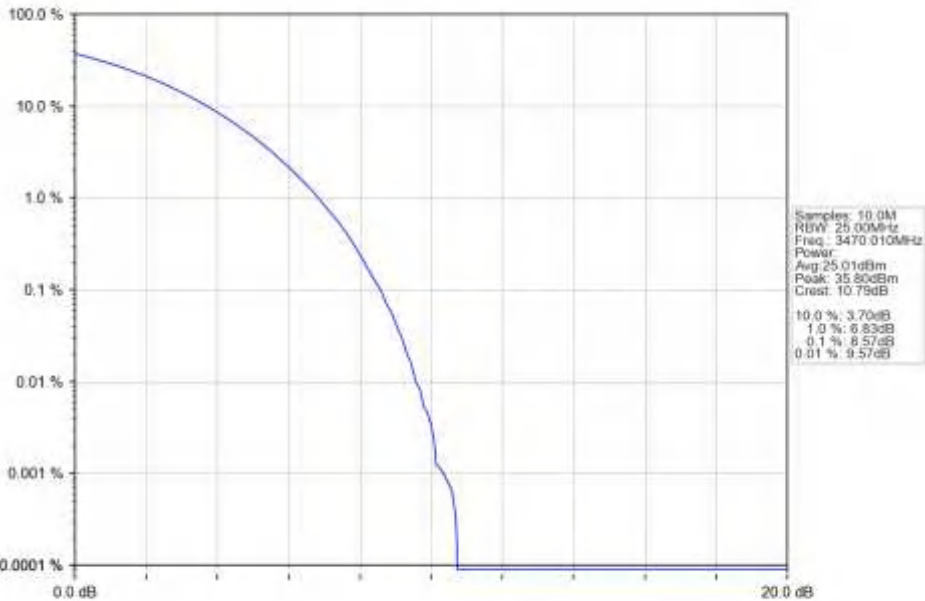
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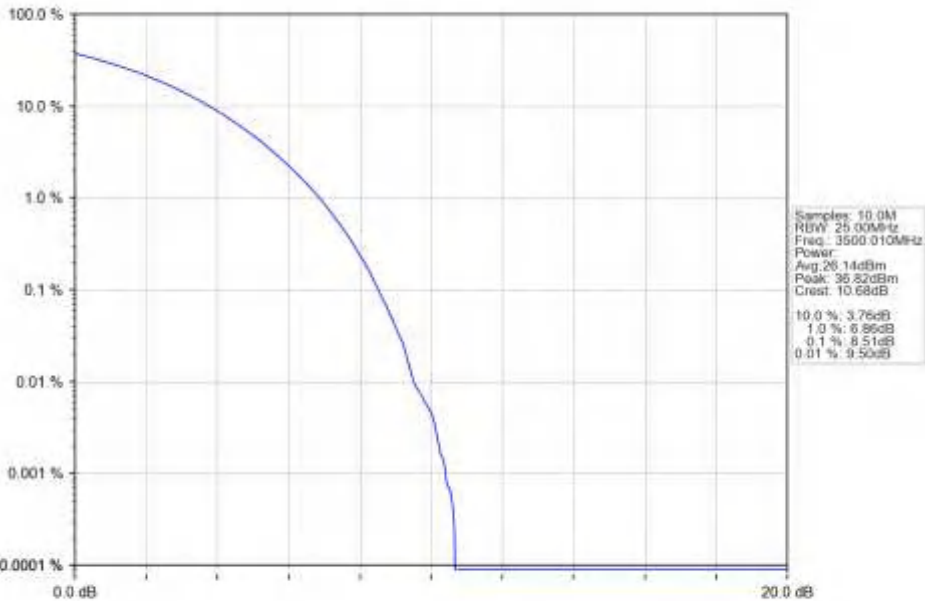
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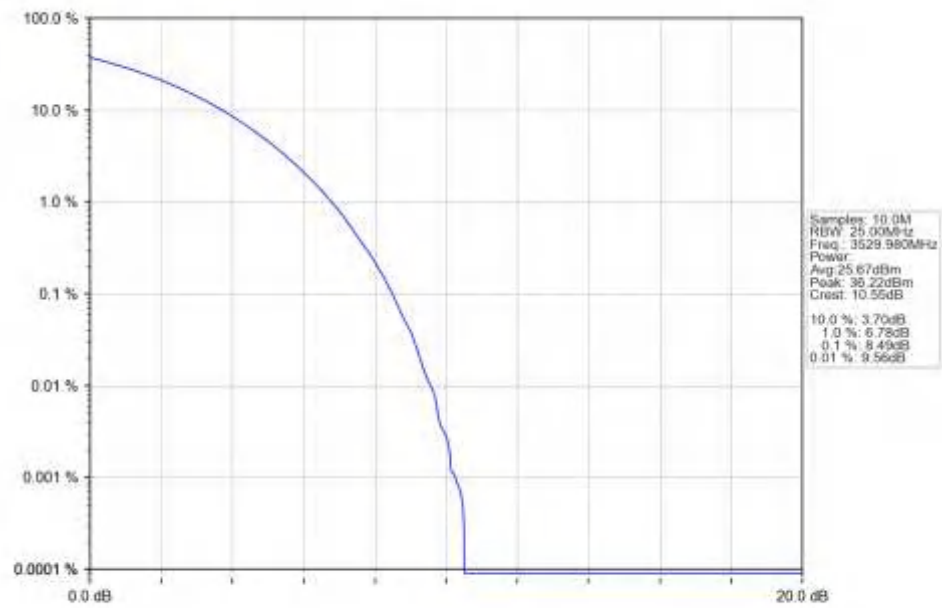
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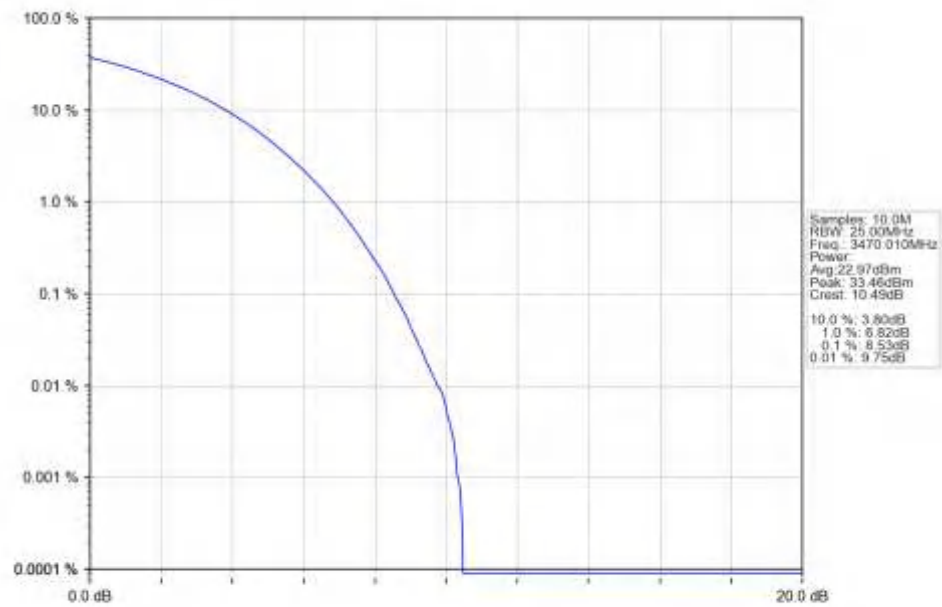
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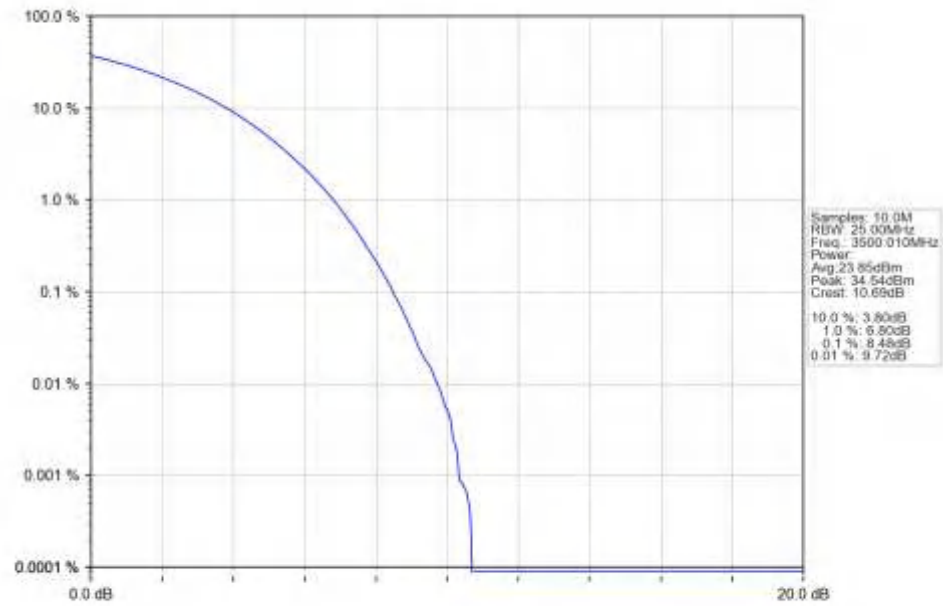
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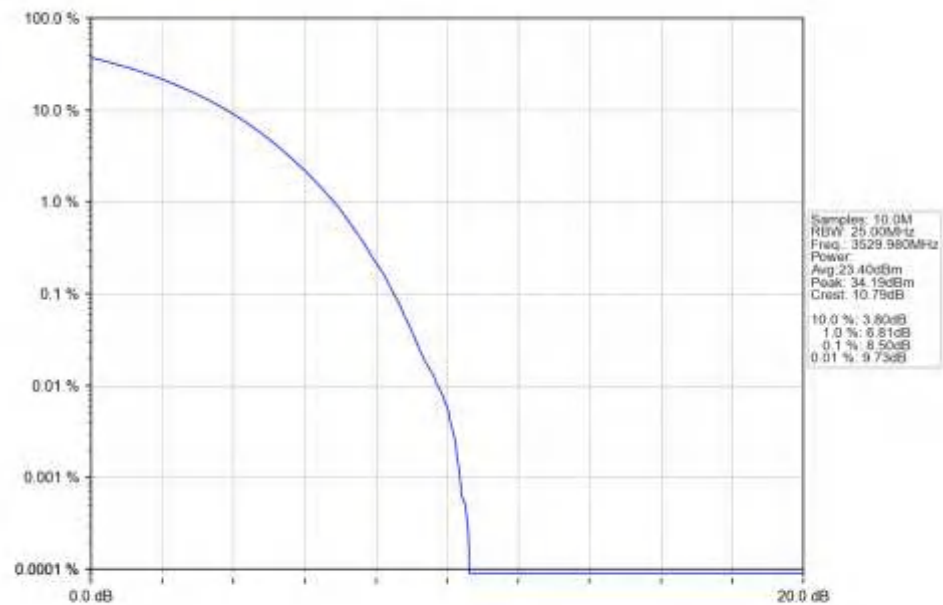
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3470.01MHz_Outer_Full_Ant1



n77d 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

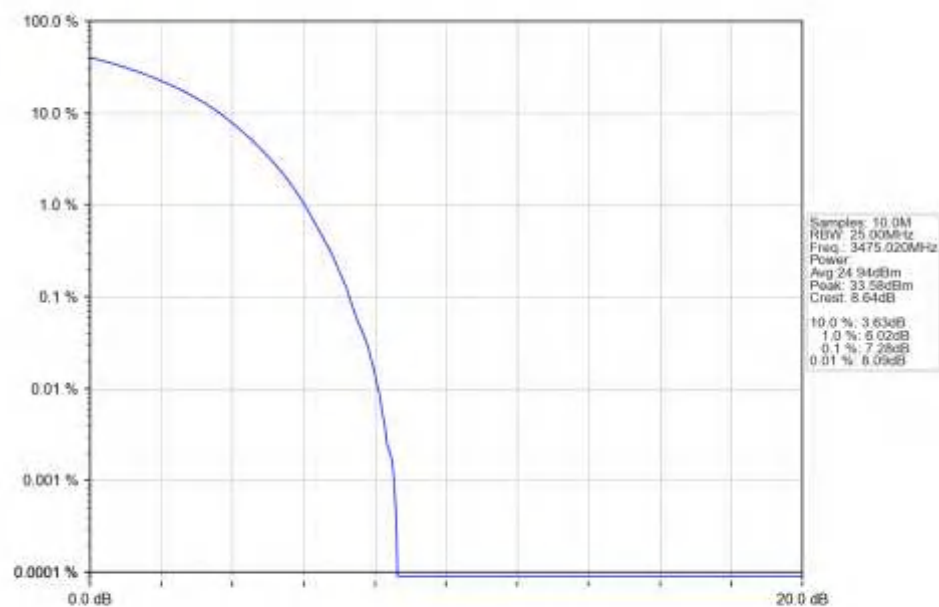


n77d 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3529.98MHz Outer Full Ant1

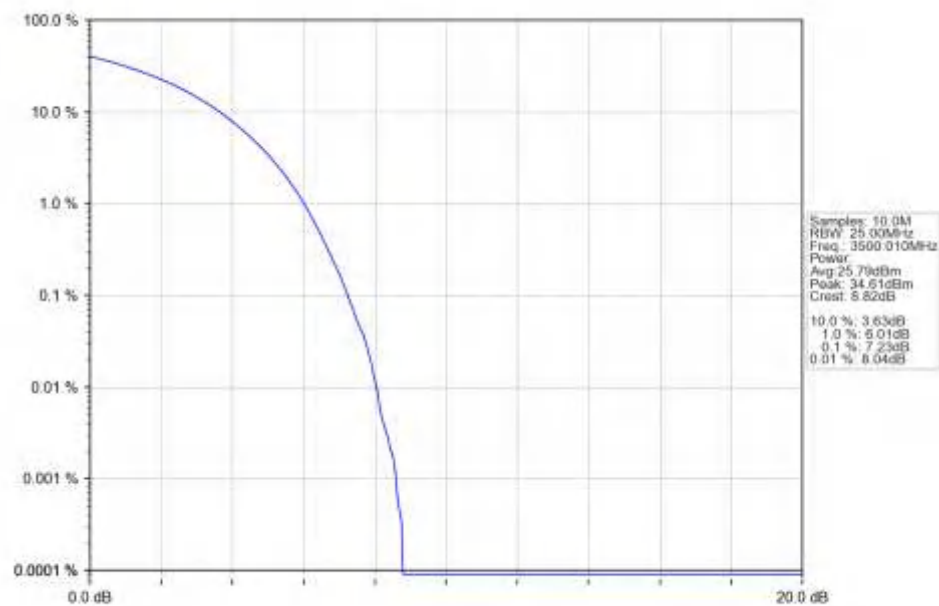


5.2.14 30k_SISO_50MHz_NTNV

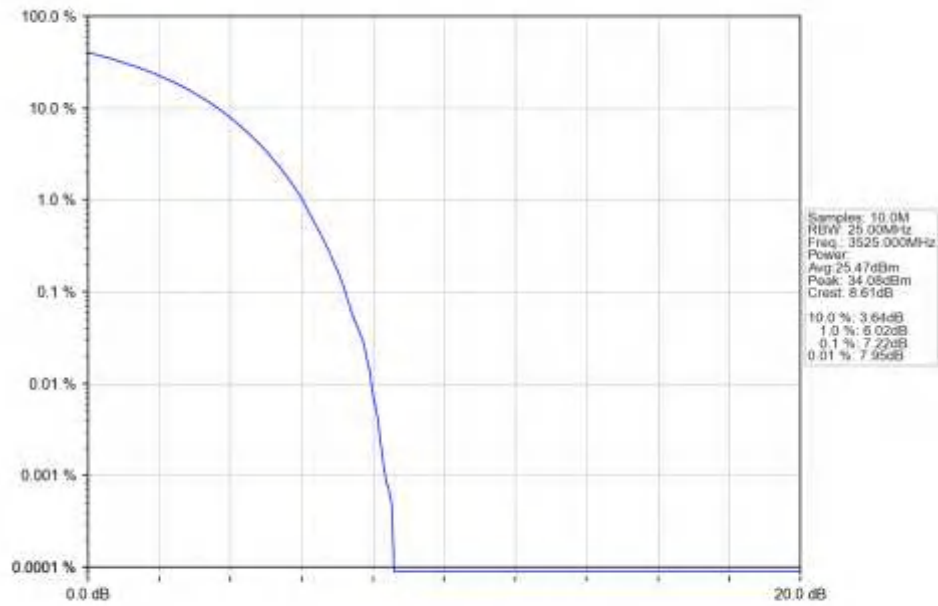
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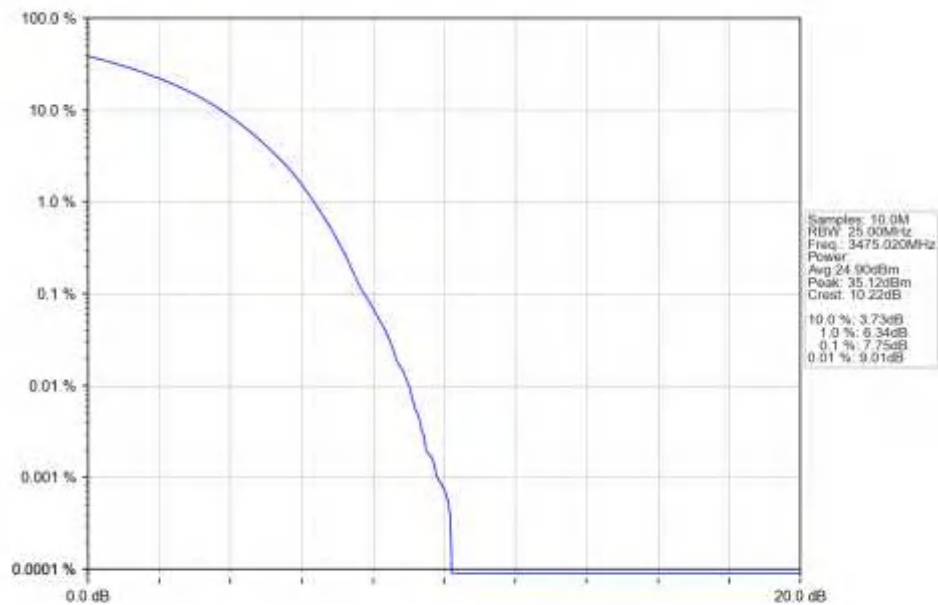
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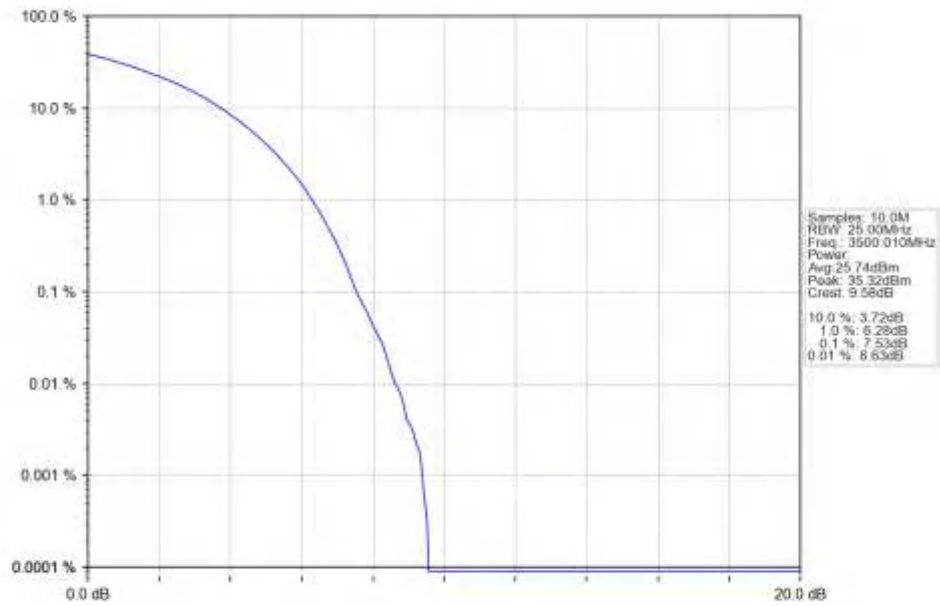
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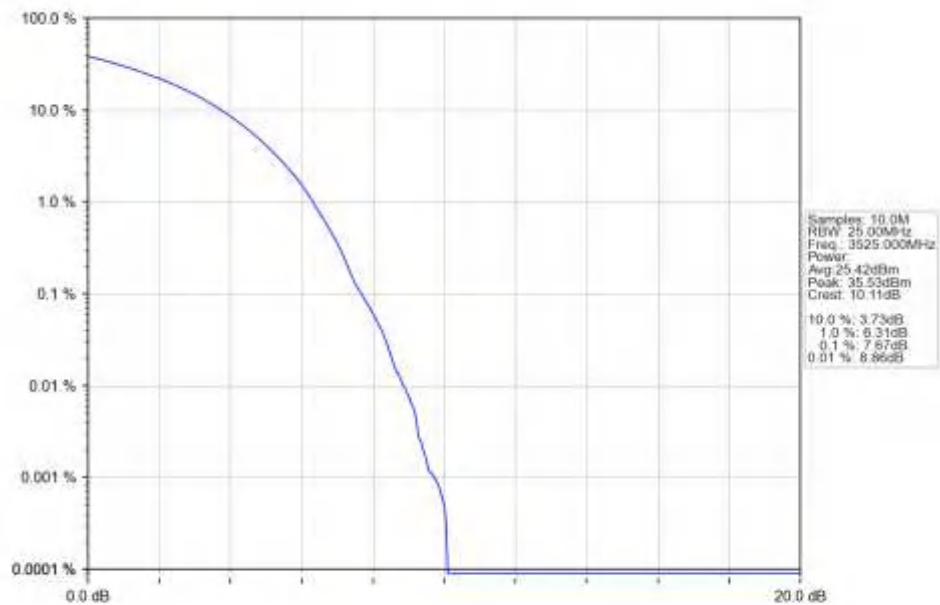
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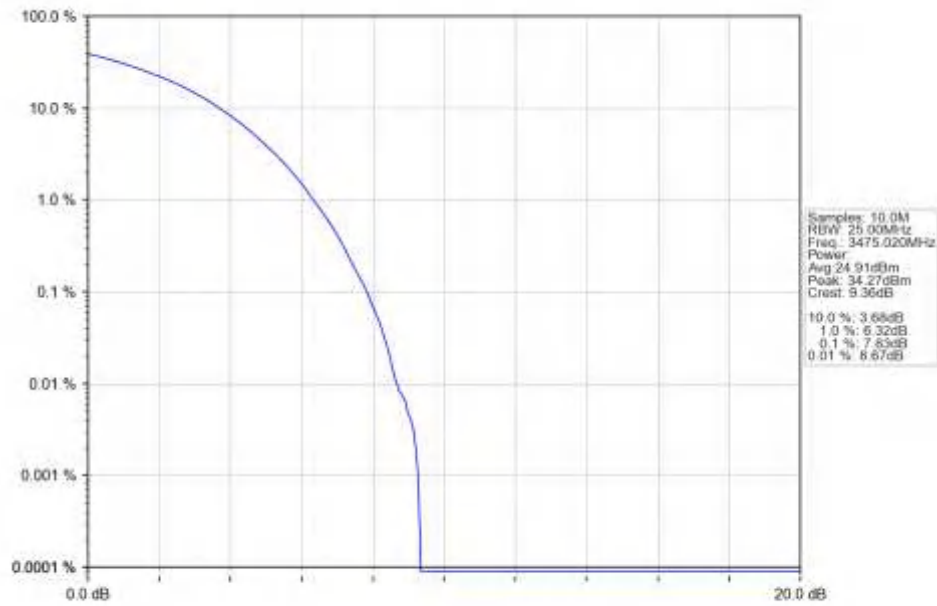
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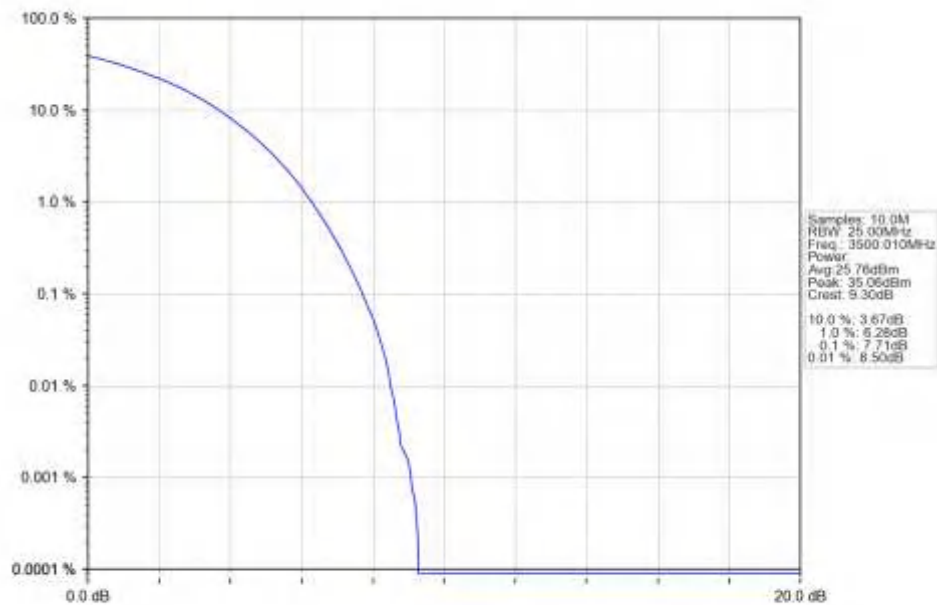
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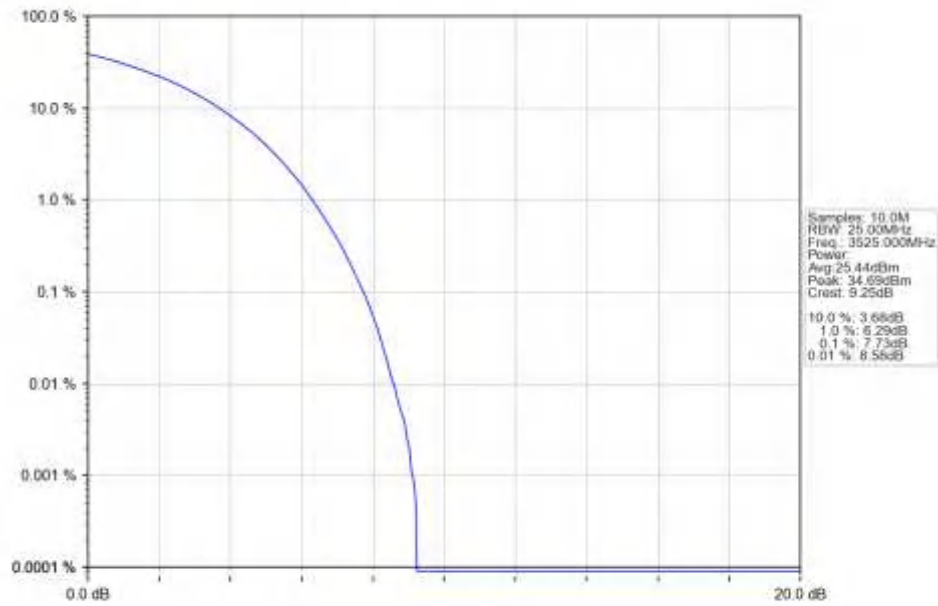
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n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



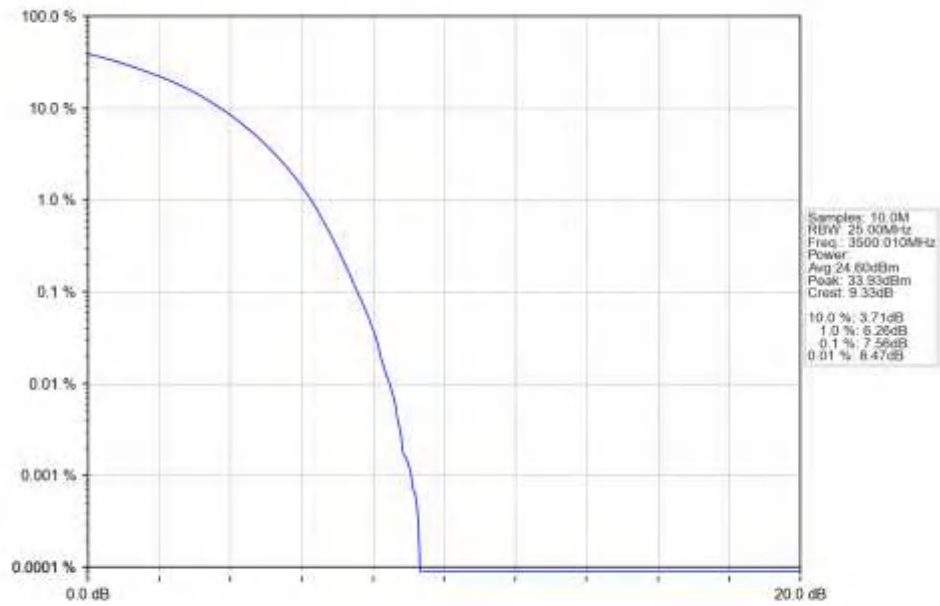
n77d 30kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3525MHz Outer Full Ant1



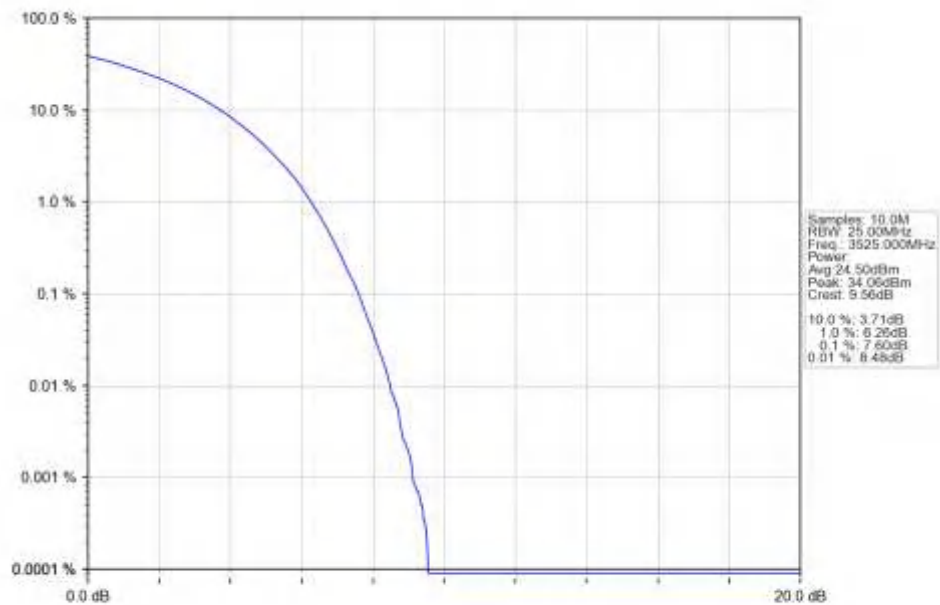
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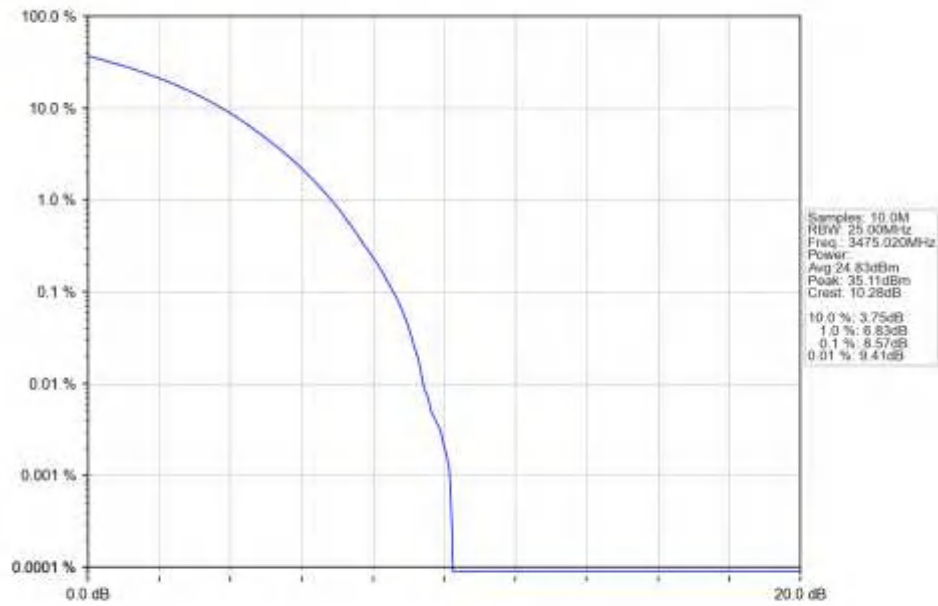
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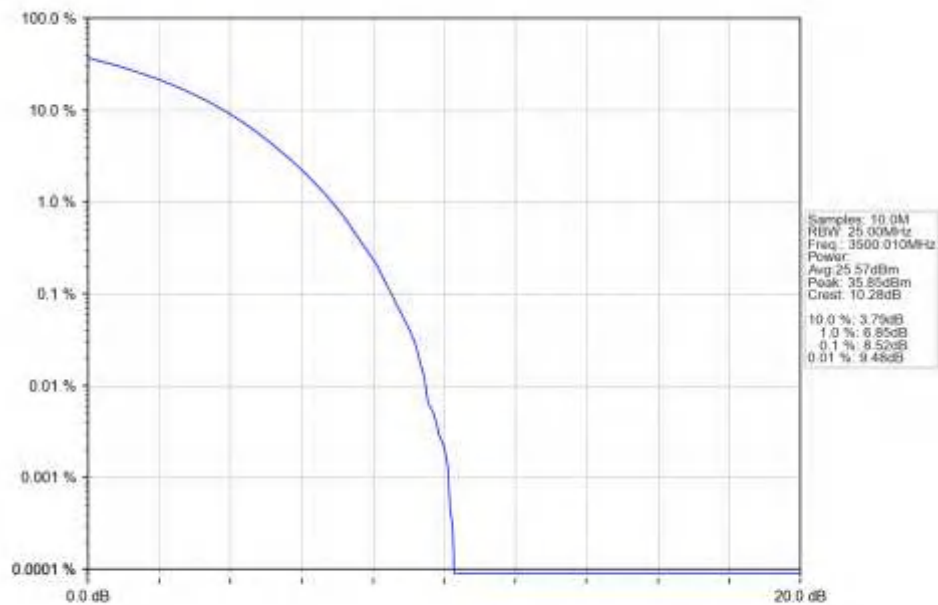
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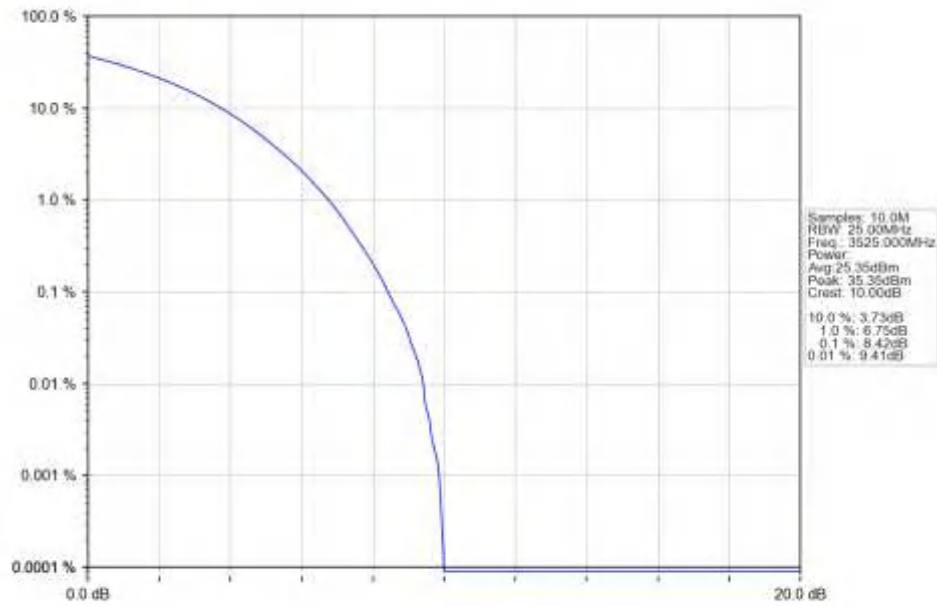
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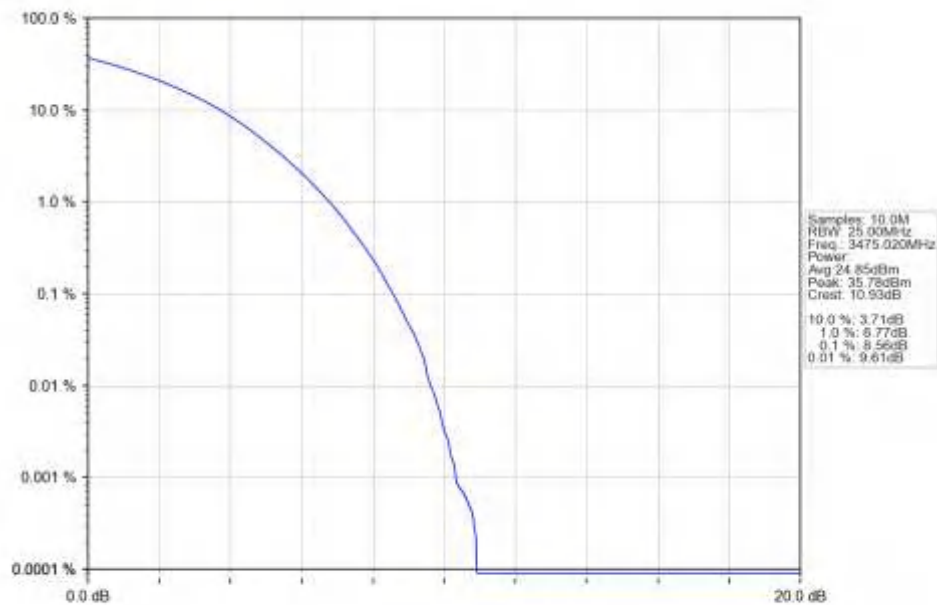
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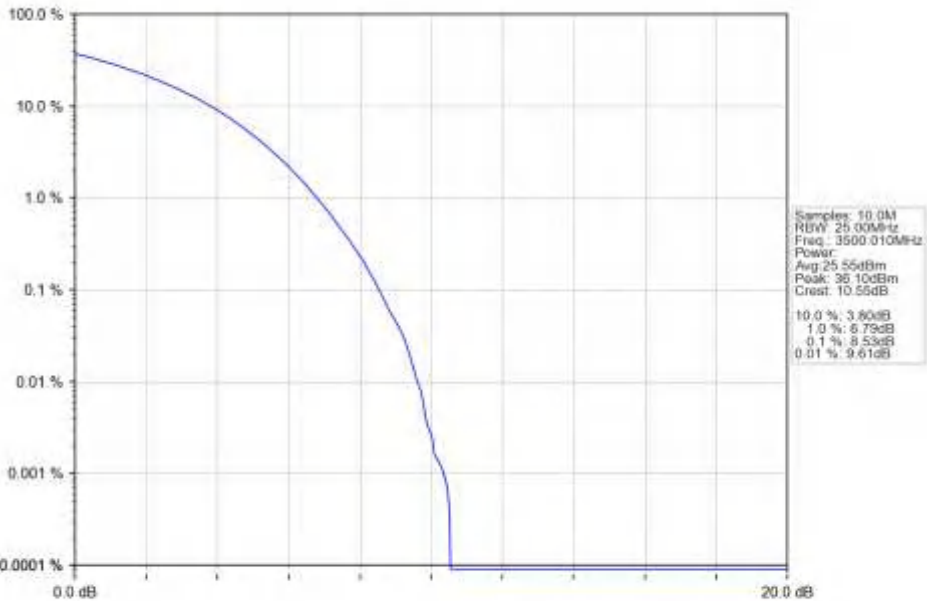
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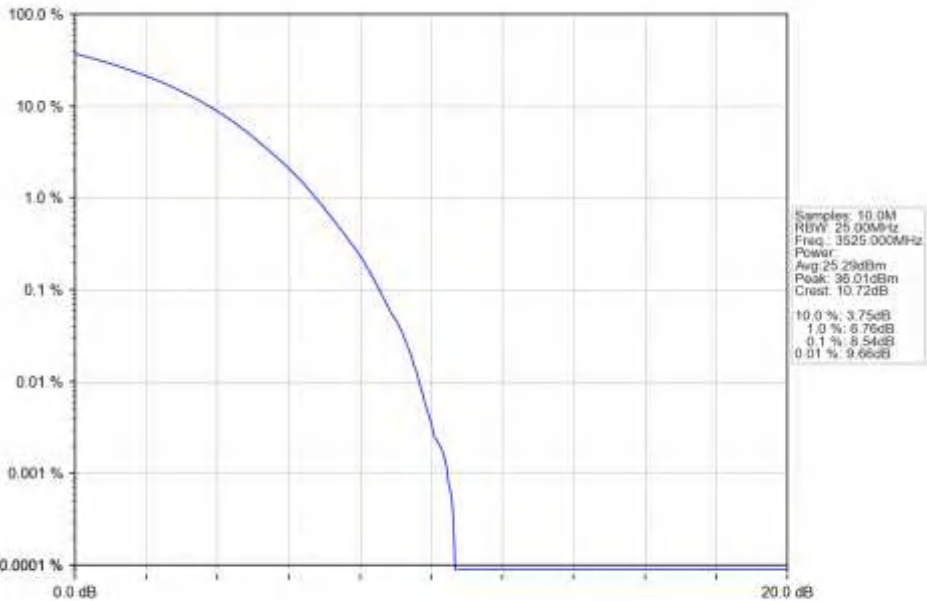
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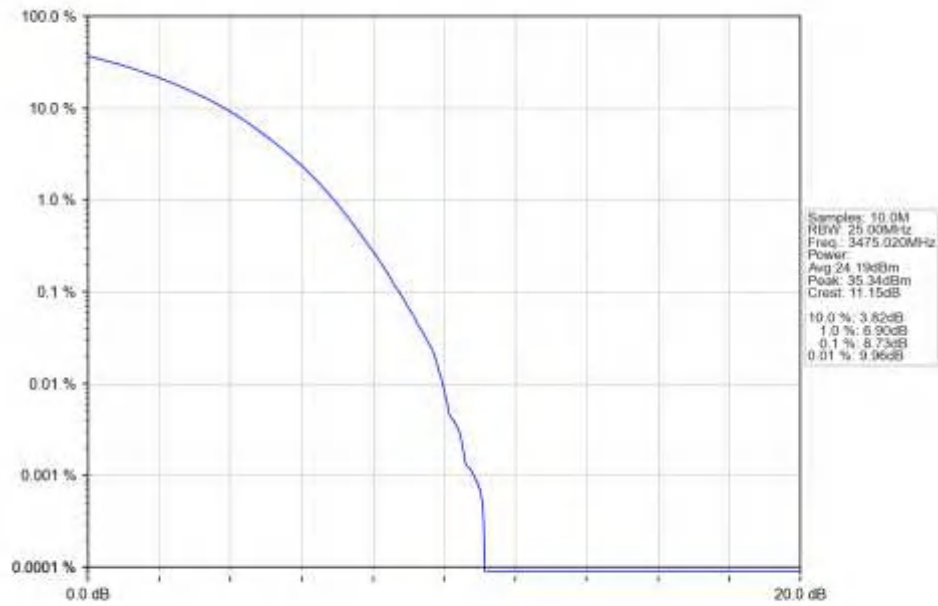
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n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3525MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3475.02MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1

