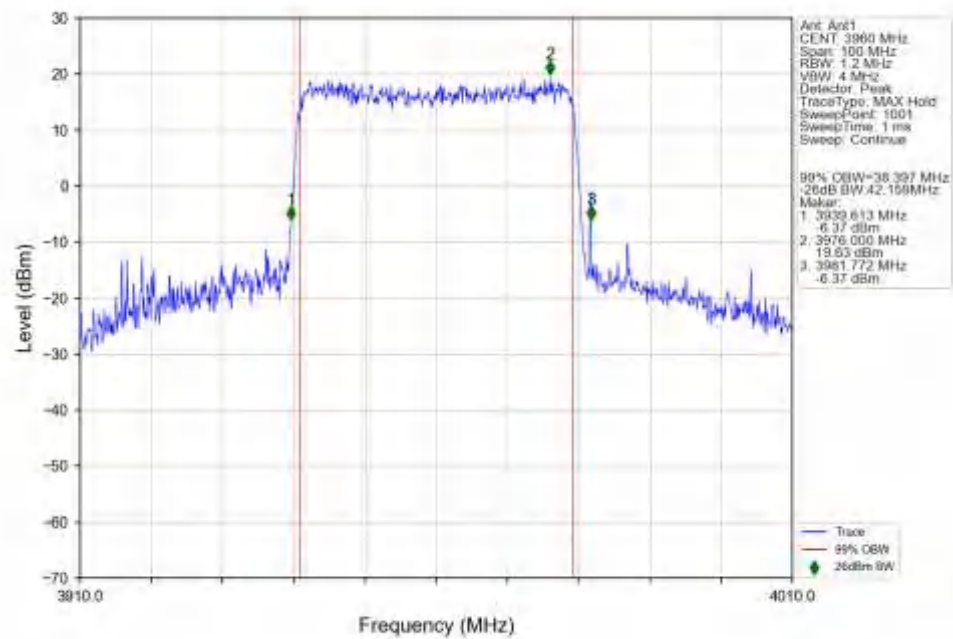
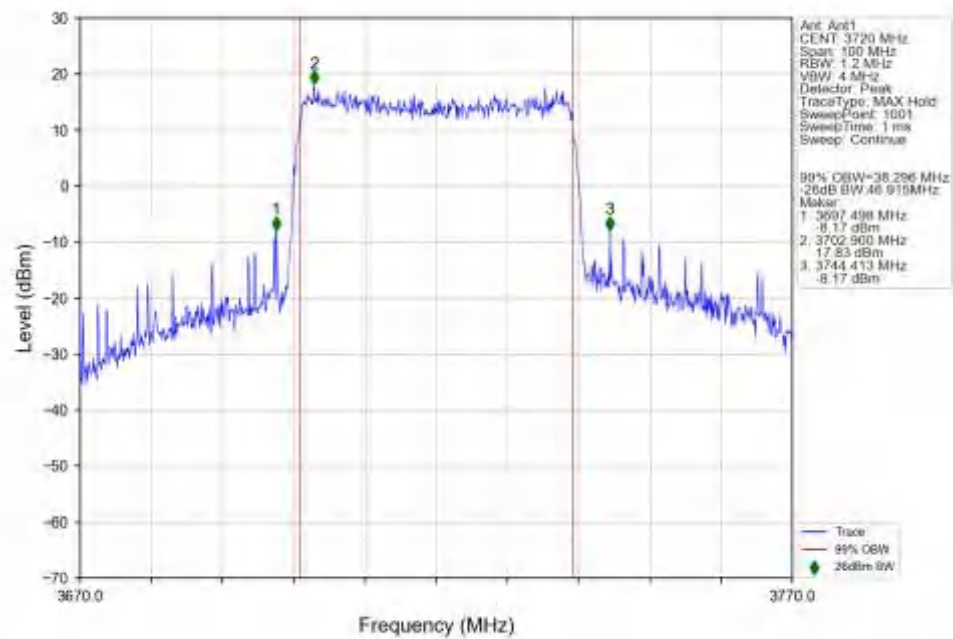


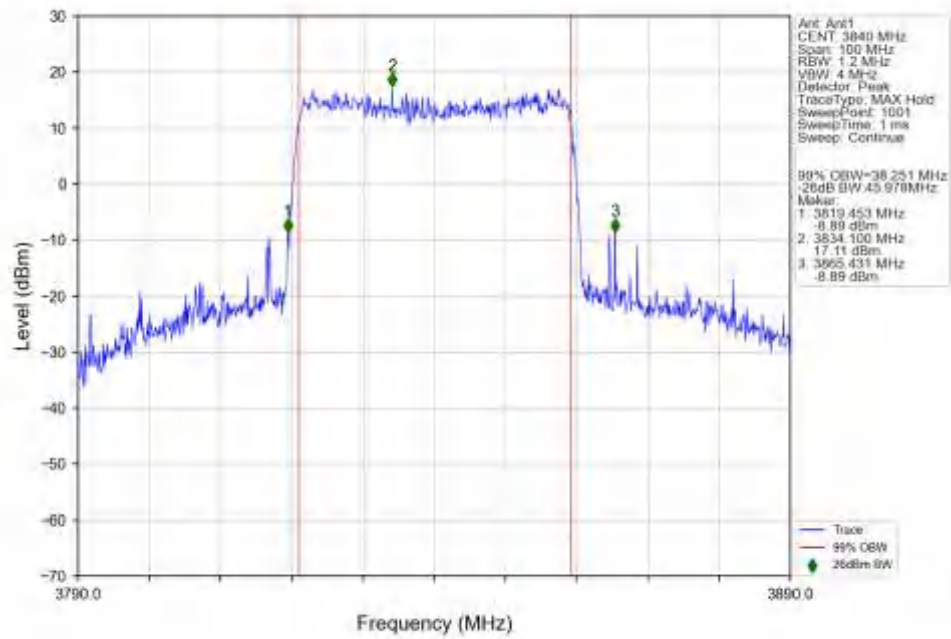
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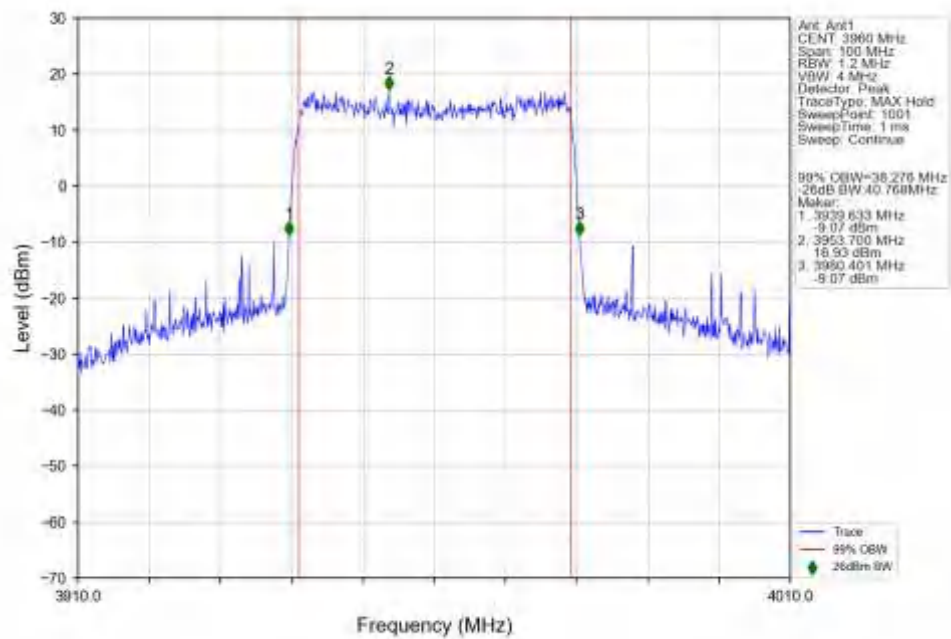
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

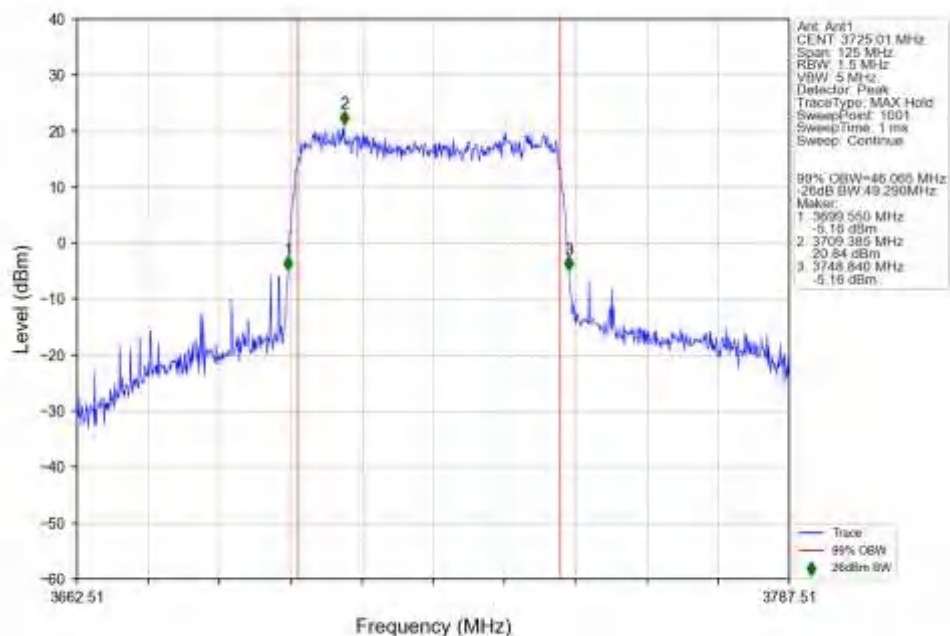


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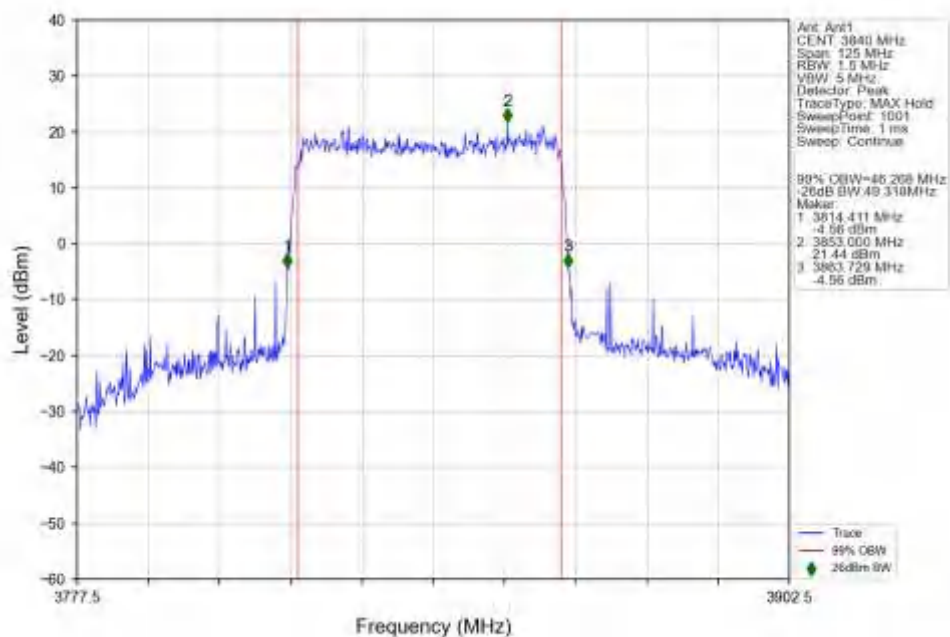


4.2.14 30k_SISO_50MHz_NTNV

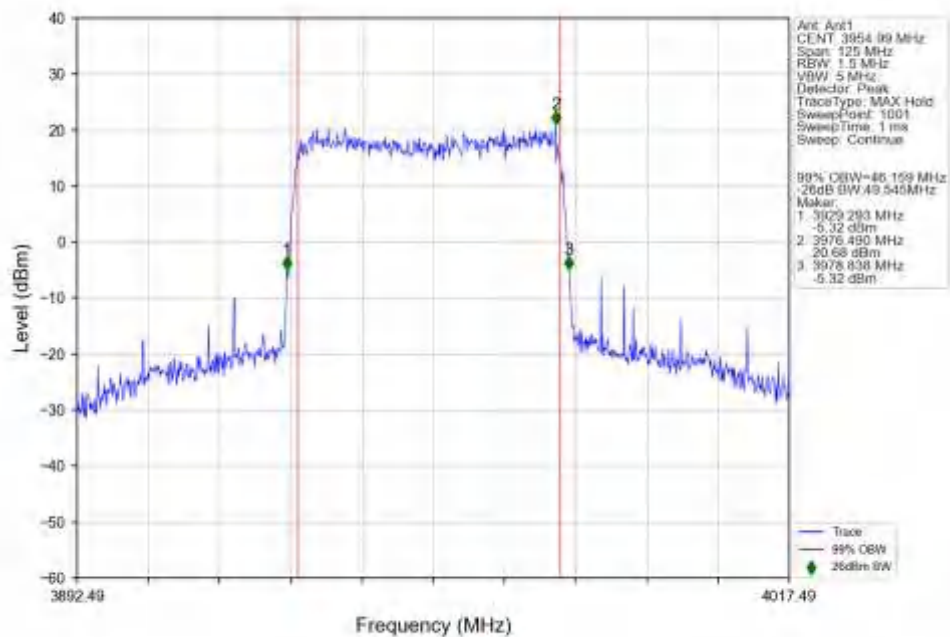
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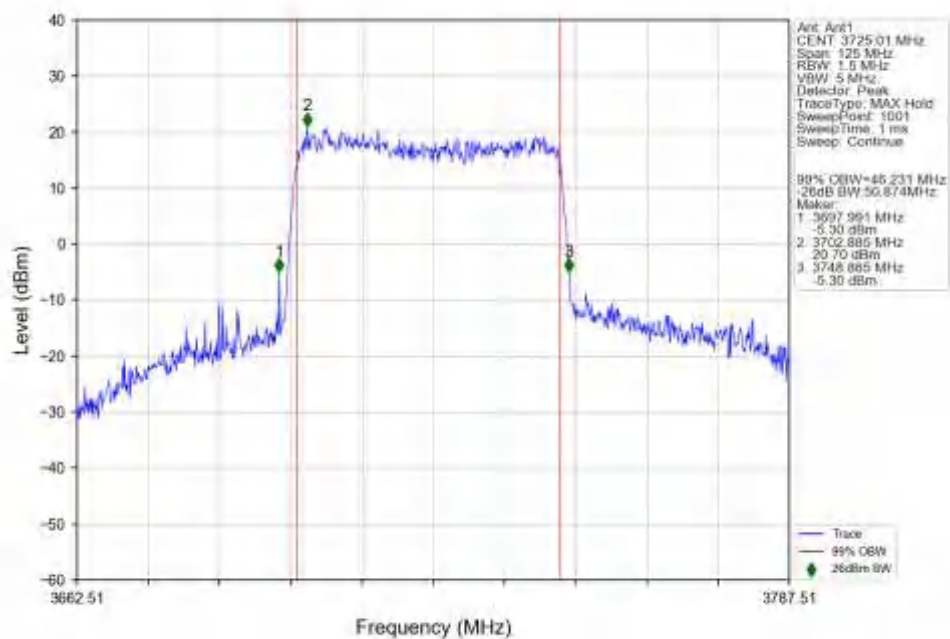
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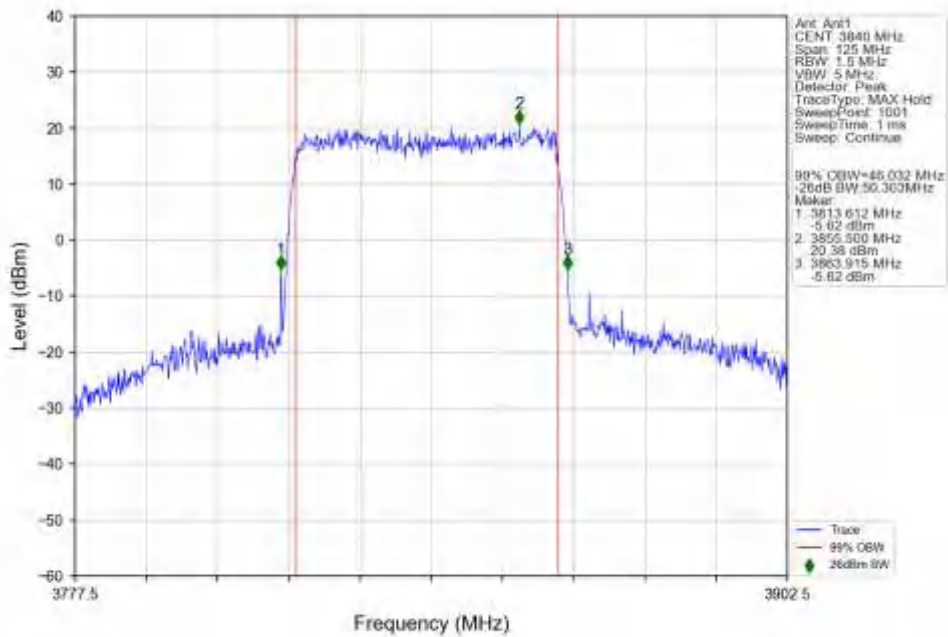
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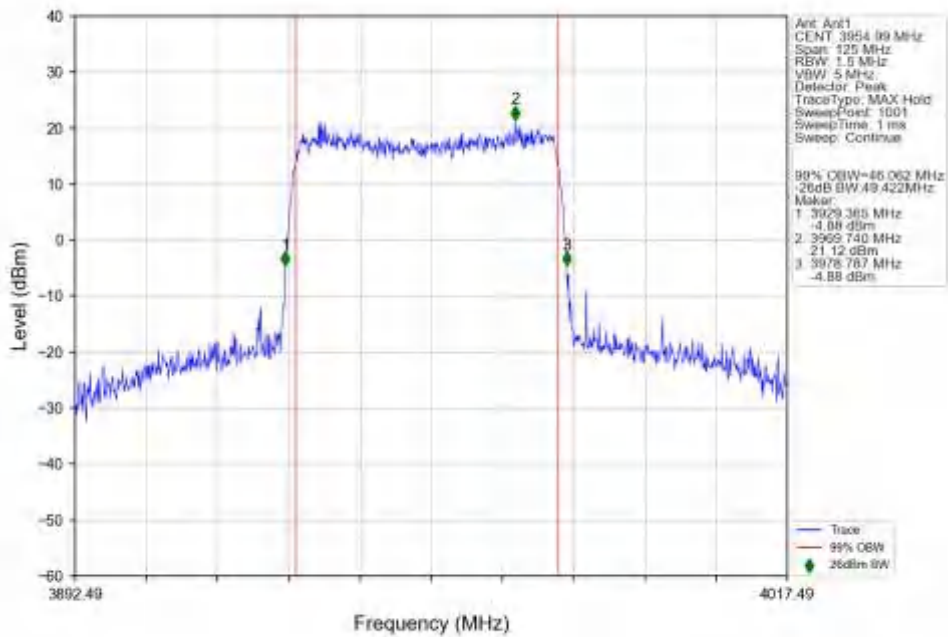
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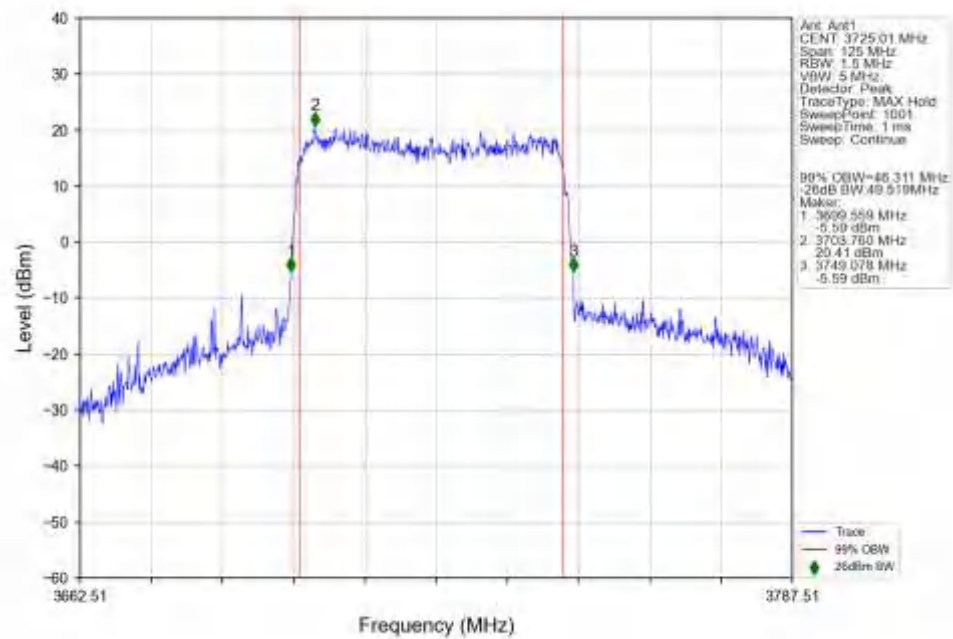
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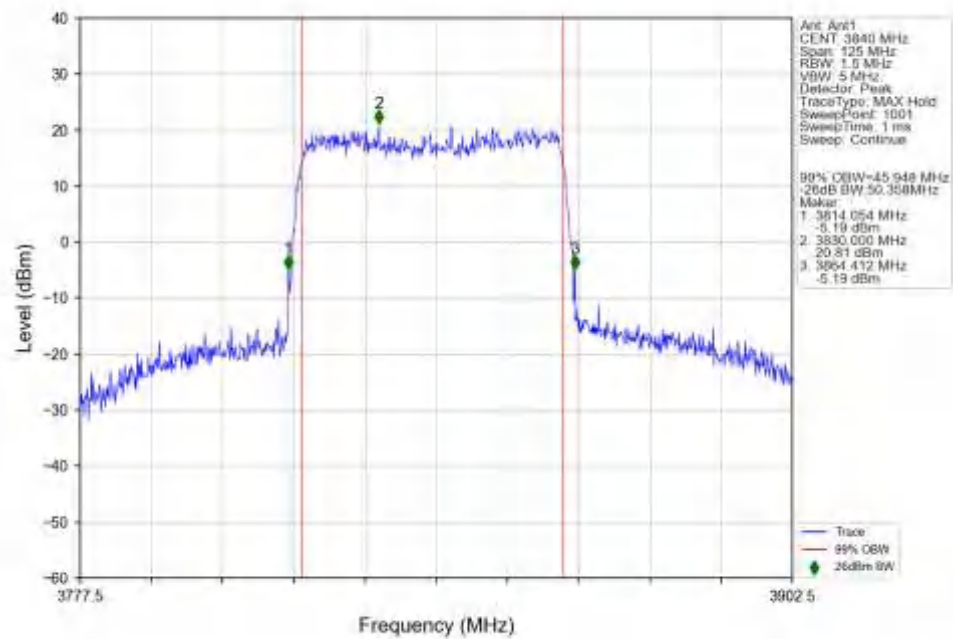
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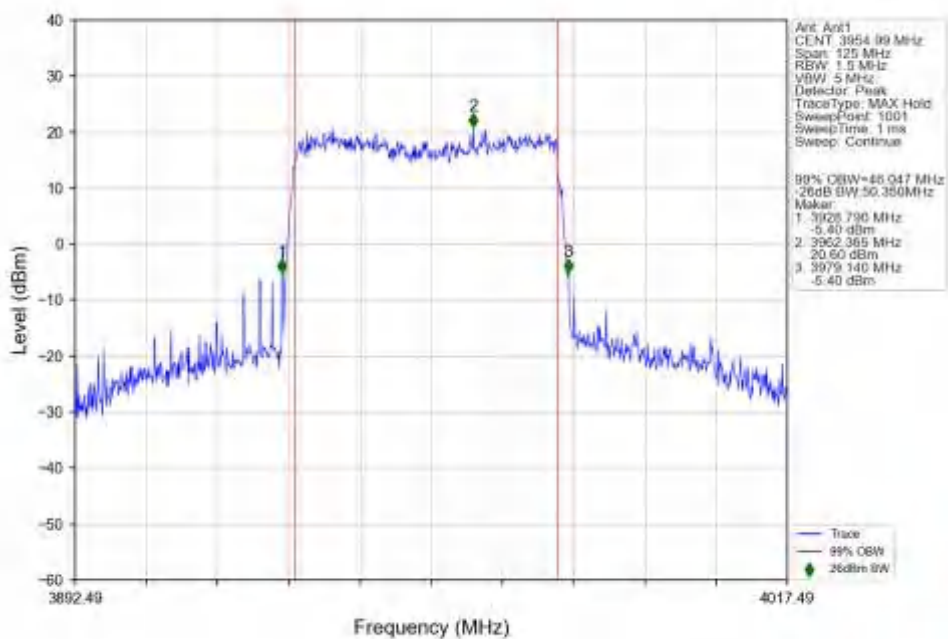
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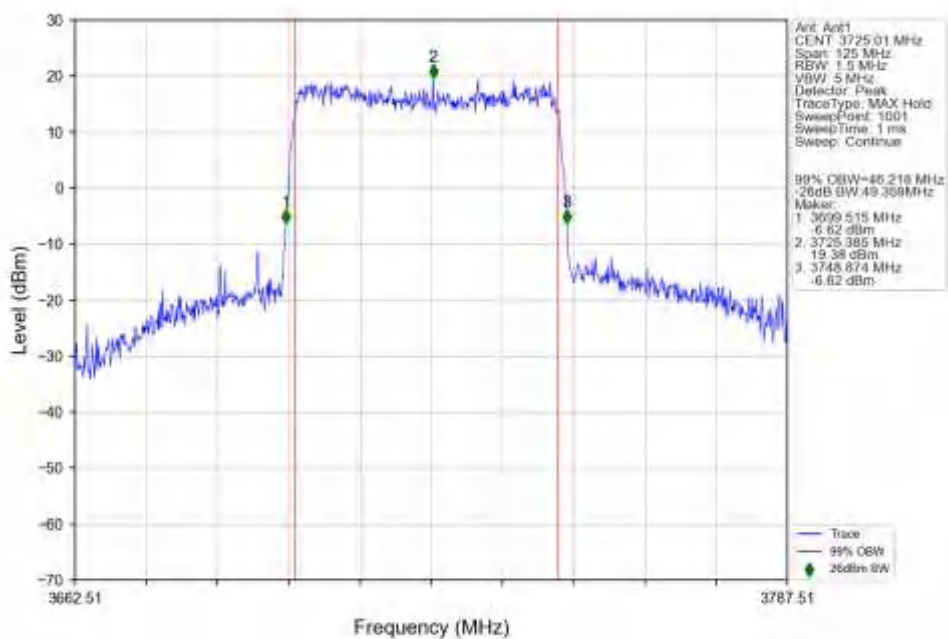
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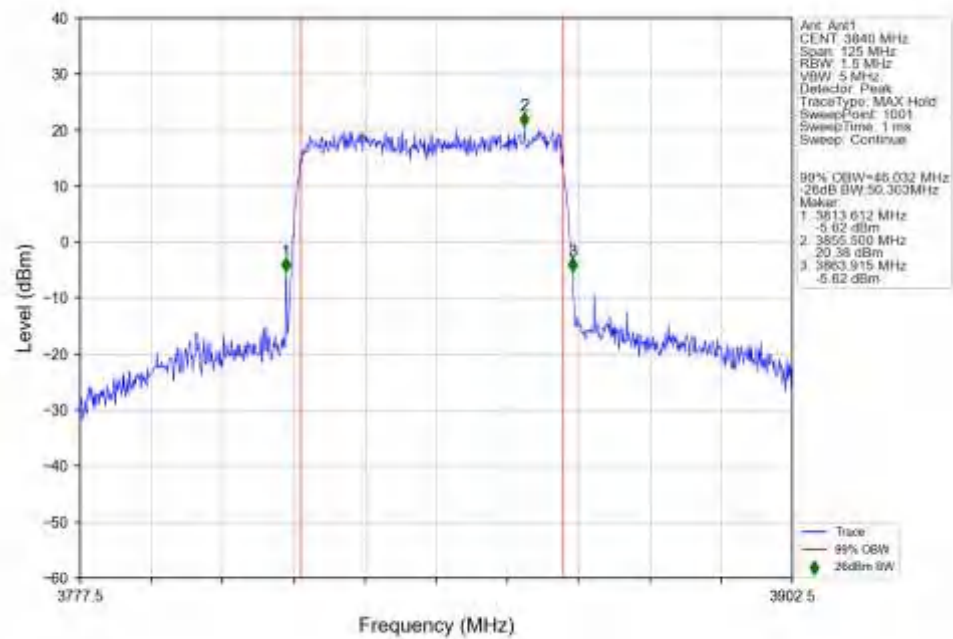
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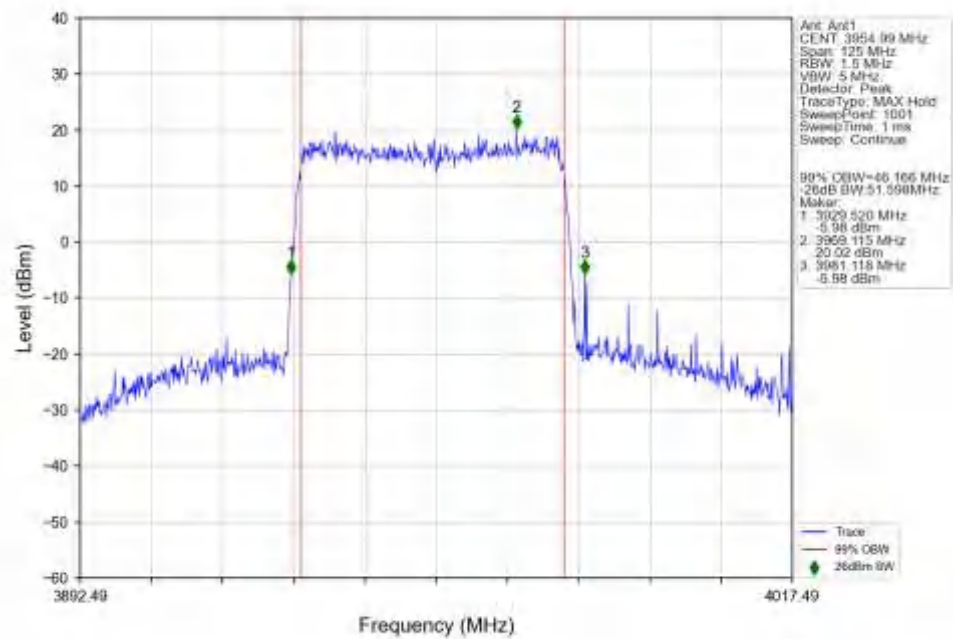
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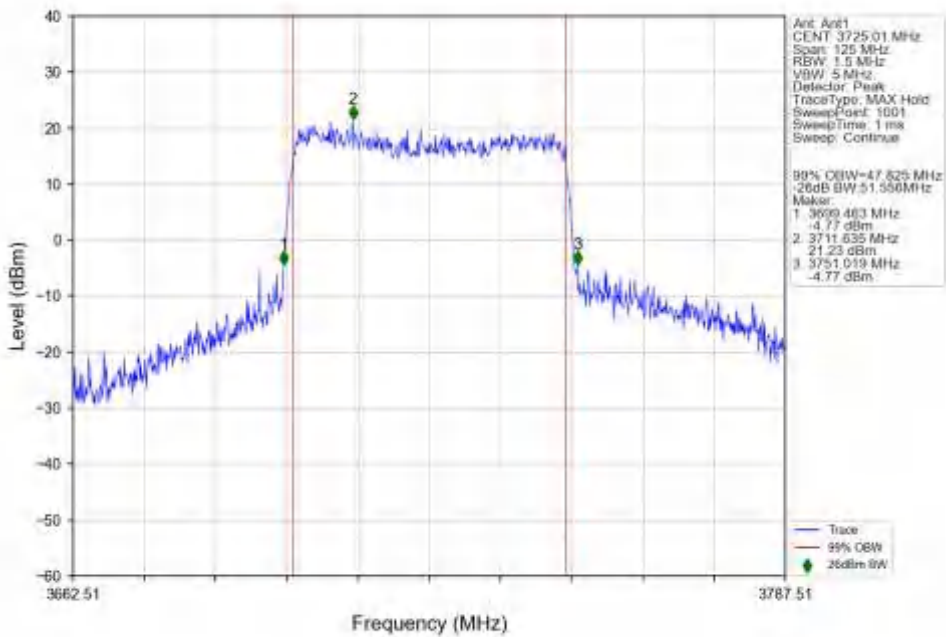
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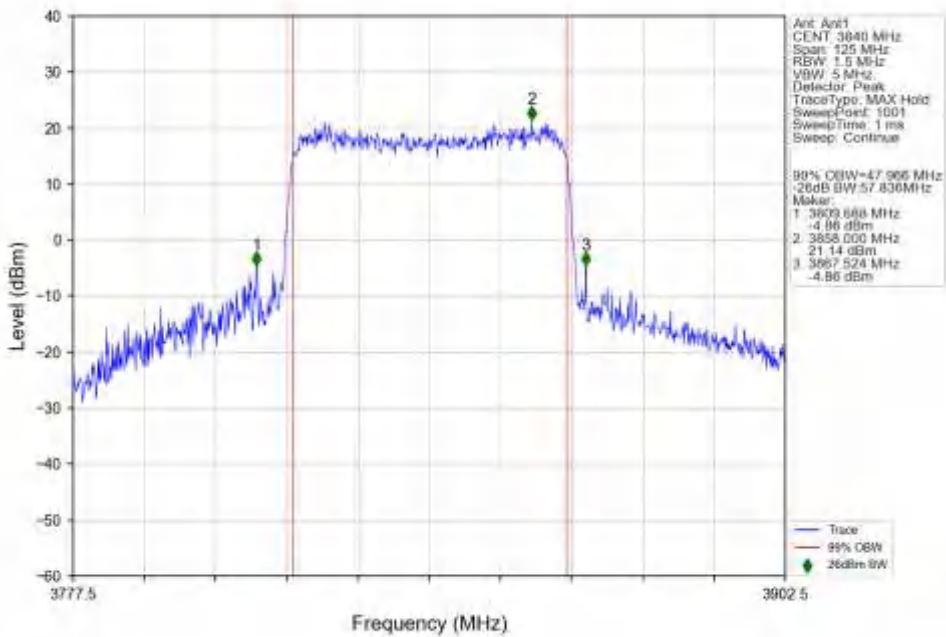
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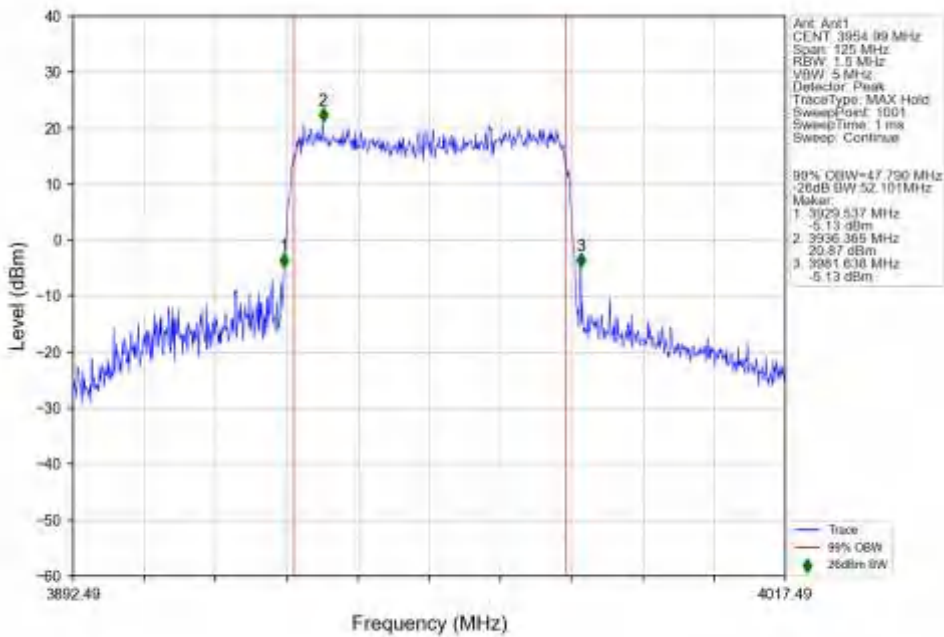
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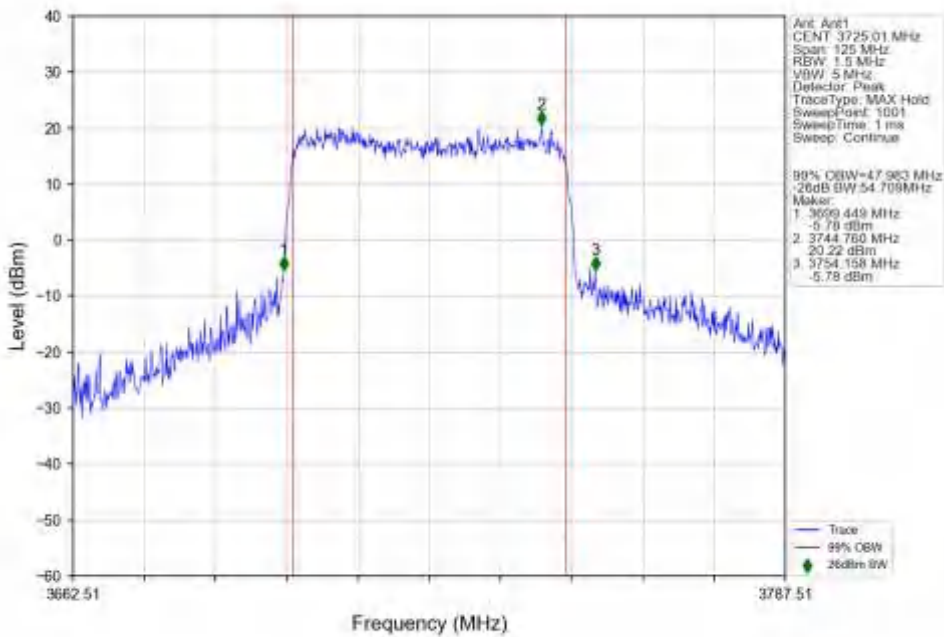
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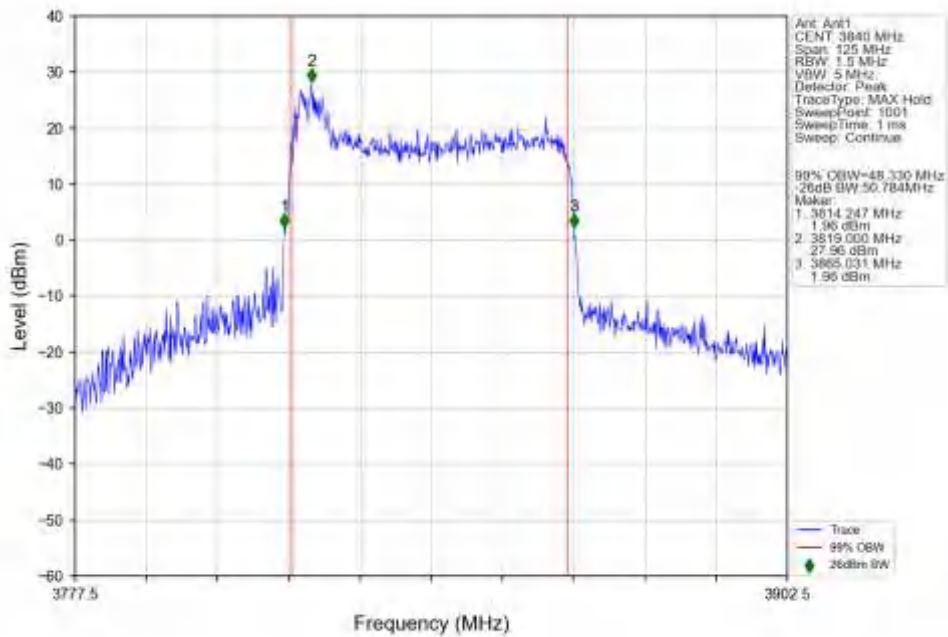
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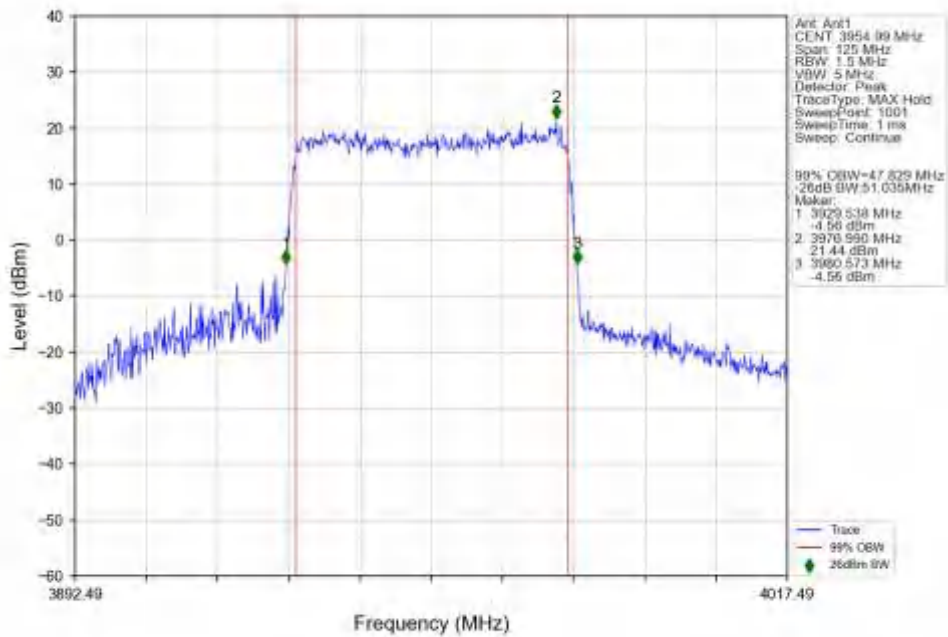
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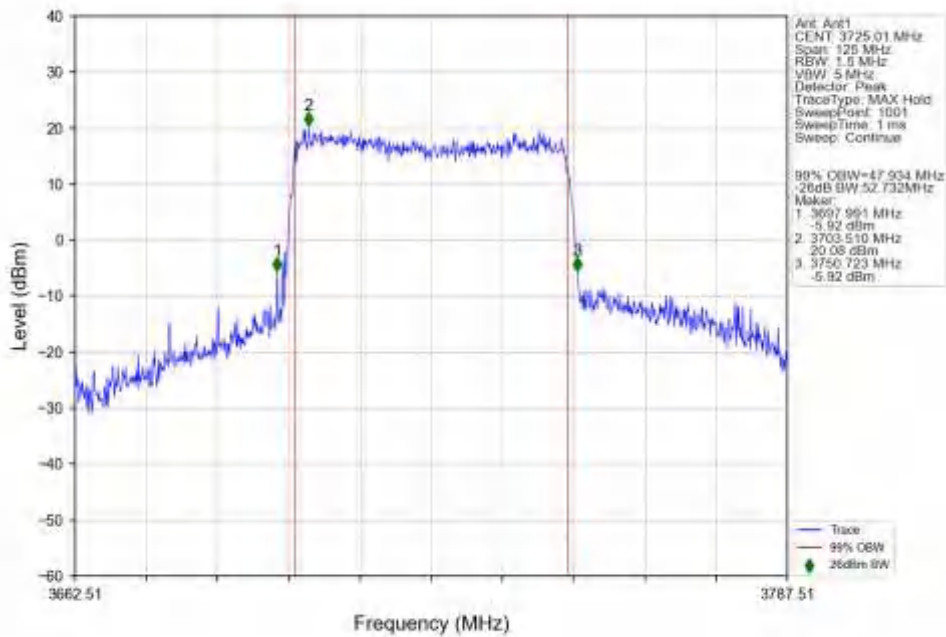
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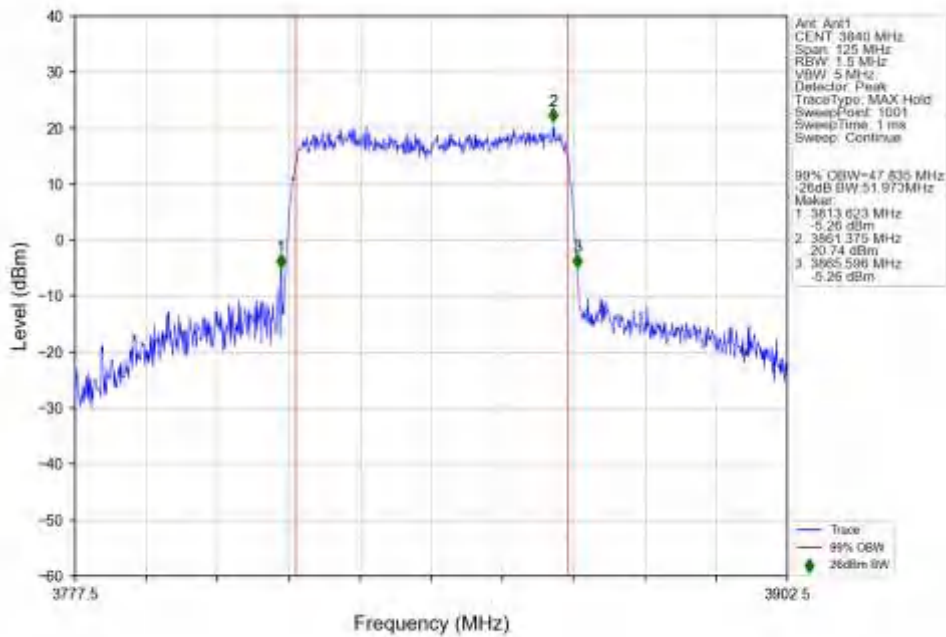
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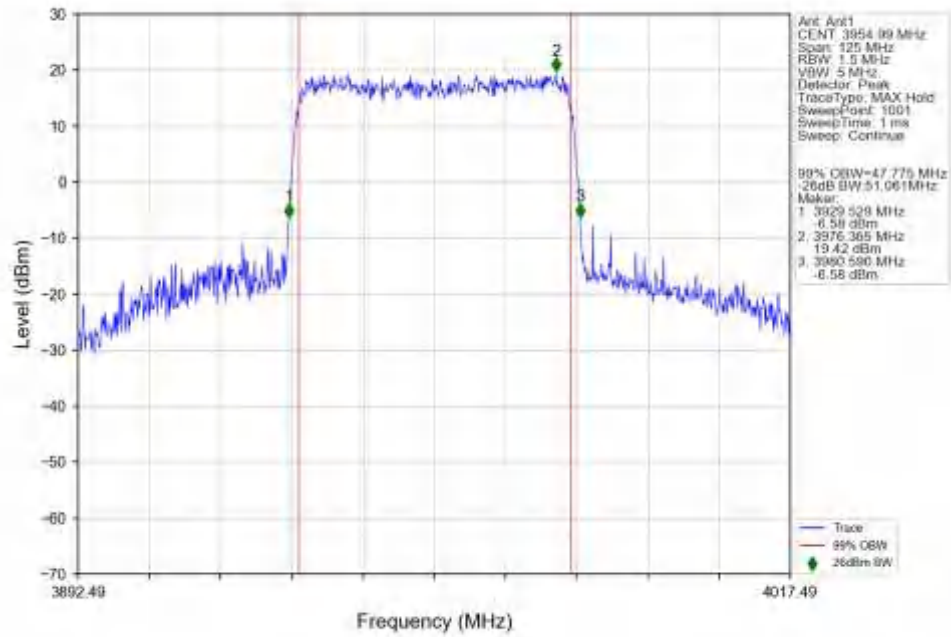
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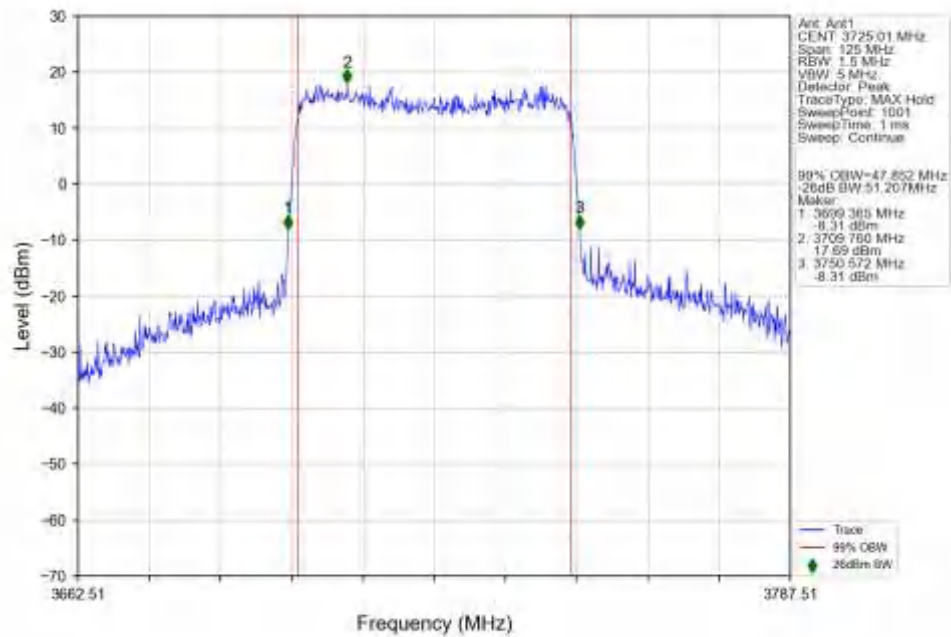
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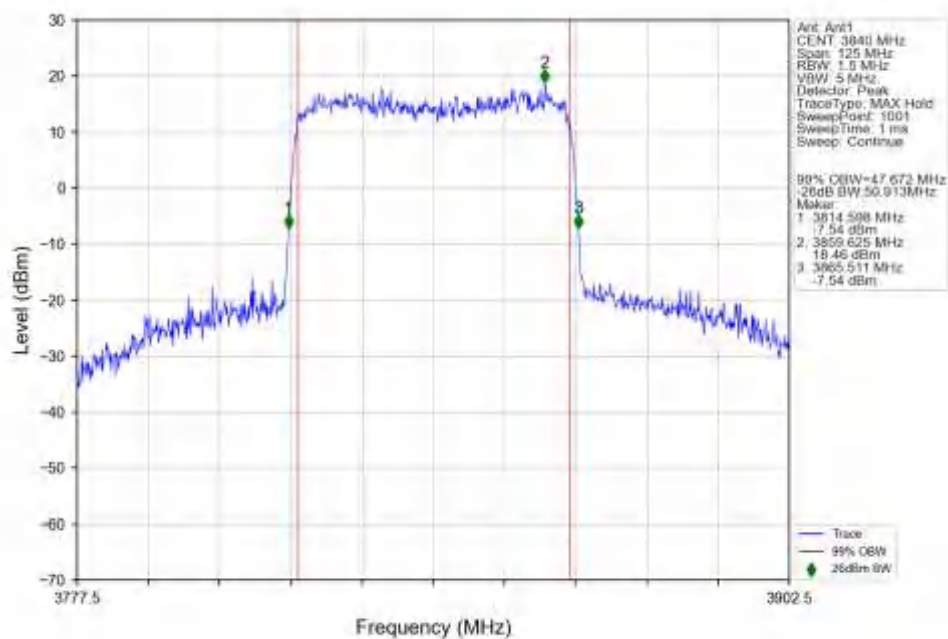
n77a 30kHz SISO NTN 50MHz CP-OFDM 64 QAM 3954.99MHz Outer Full Ant1



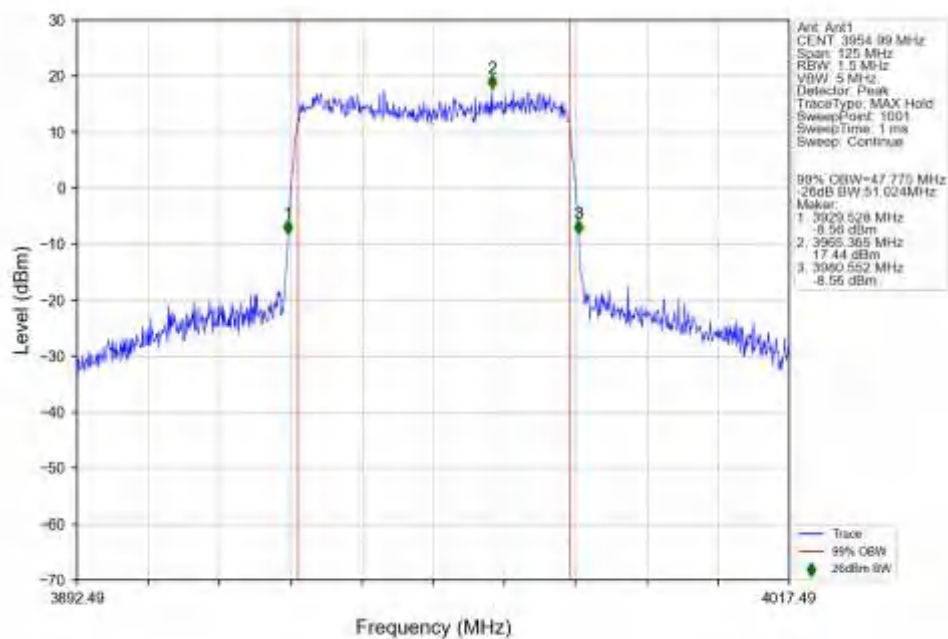
n77a 30kHz SISO NTN 50MHz CP-OFDM 256 QAM 3725.01MHz Outer Full Ant1



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

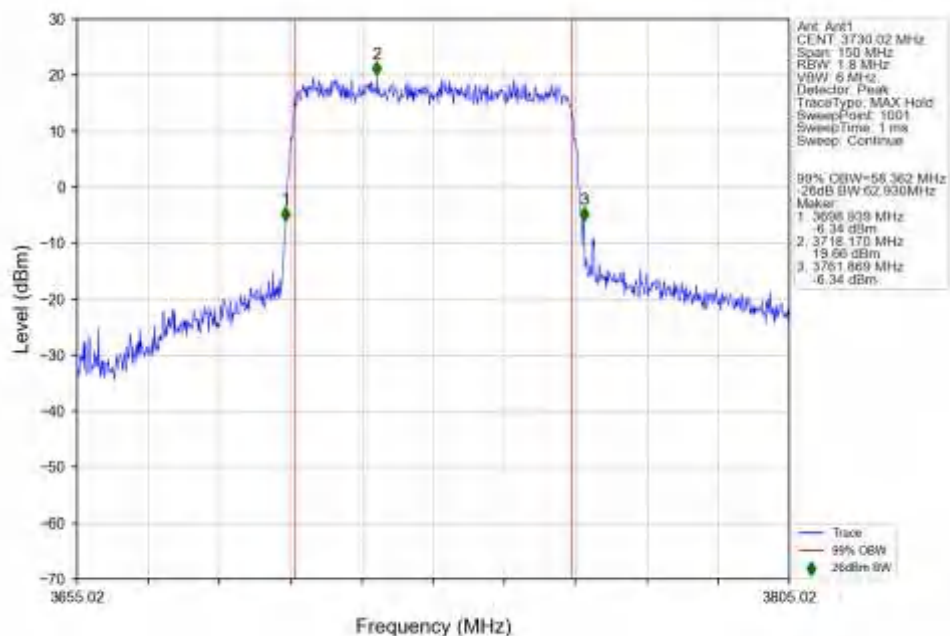


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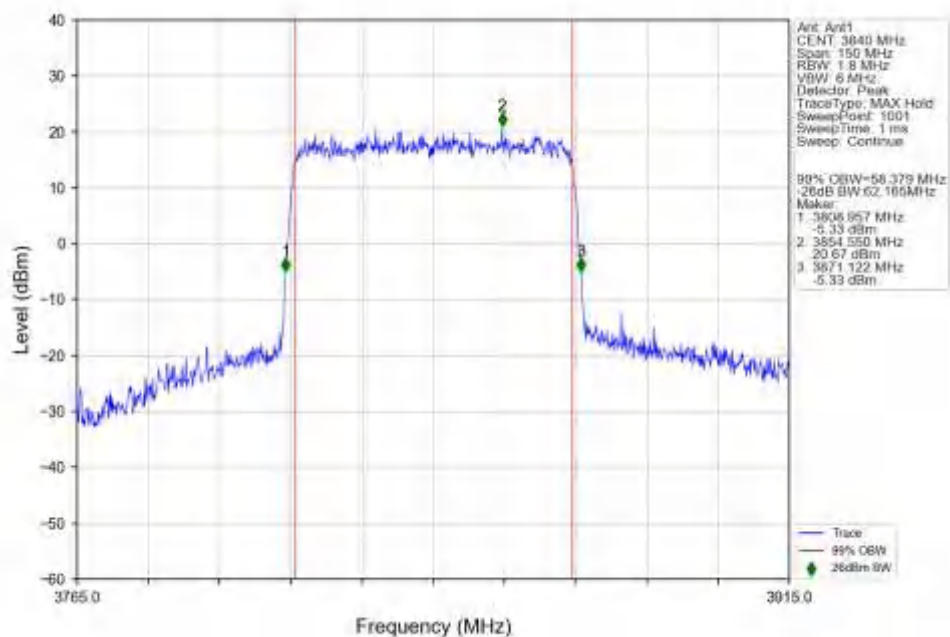


4.2.15 30k_SISO_60MHz_NTNV

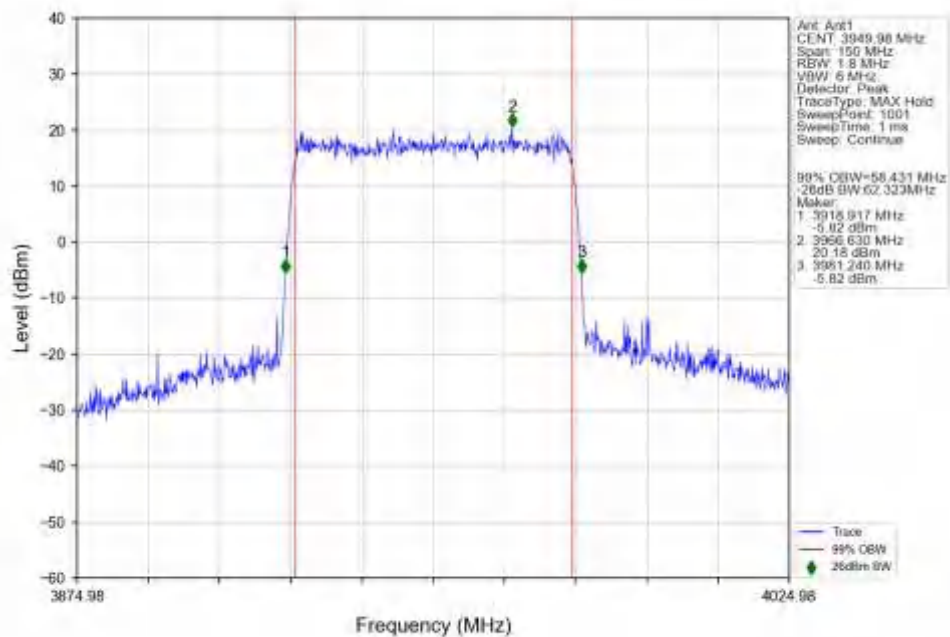
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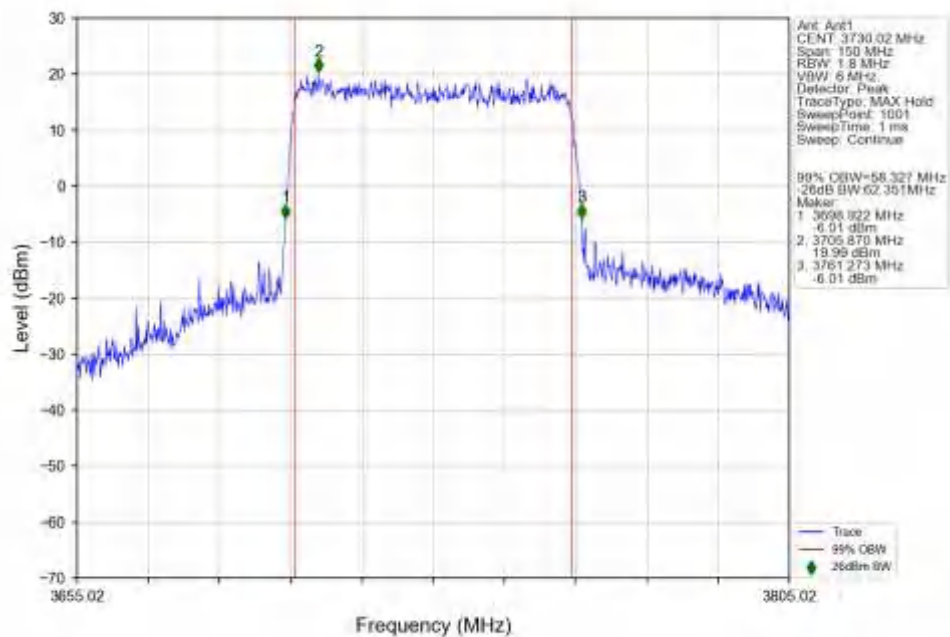
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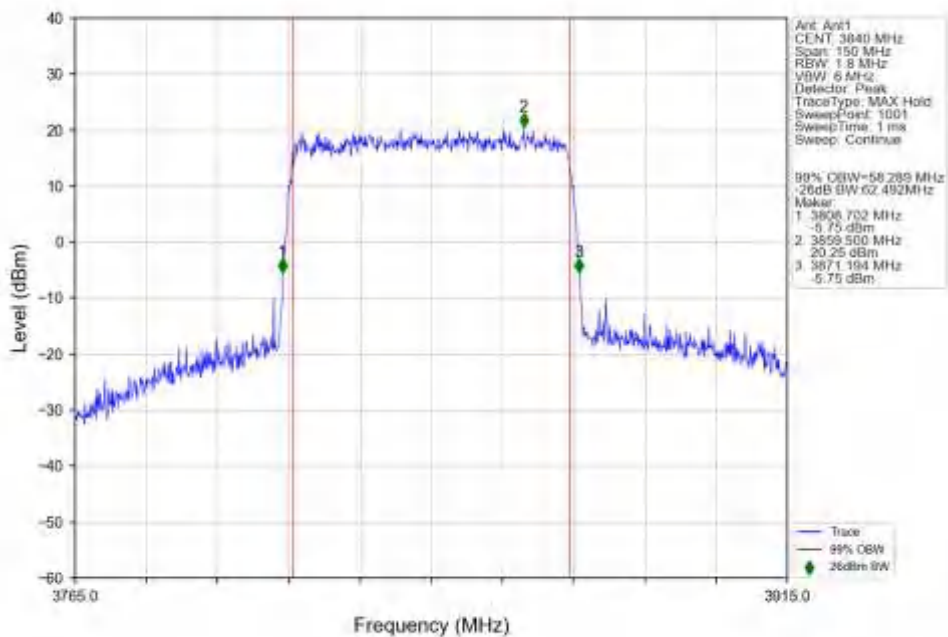
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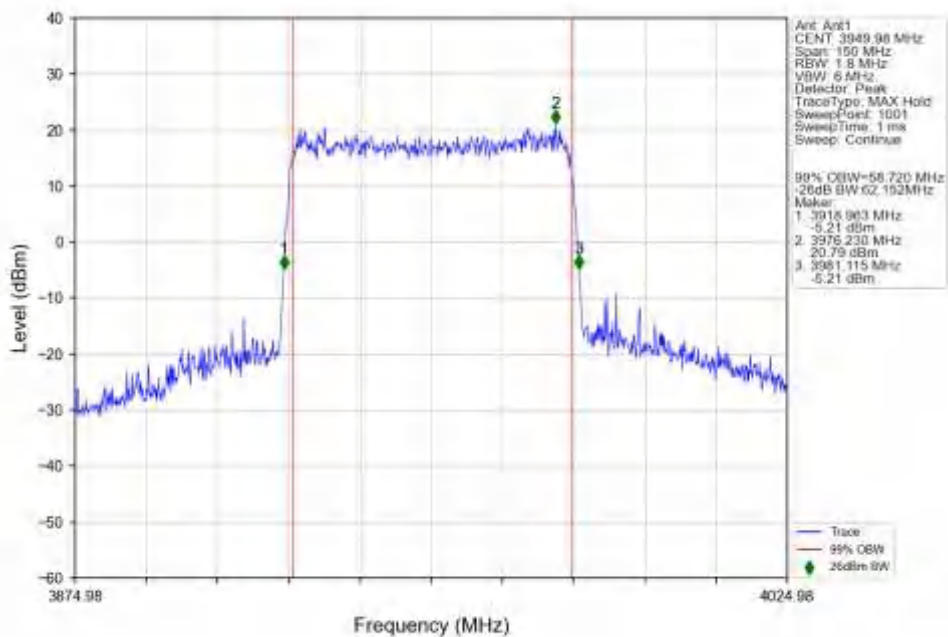
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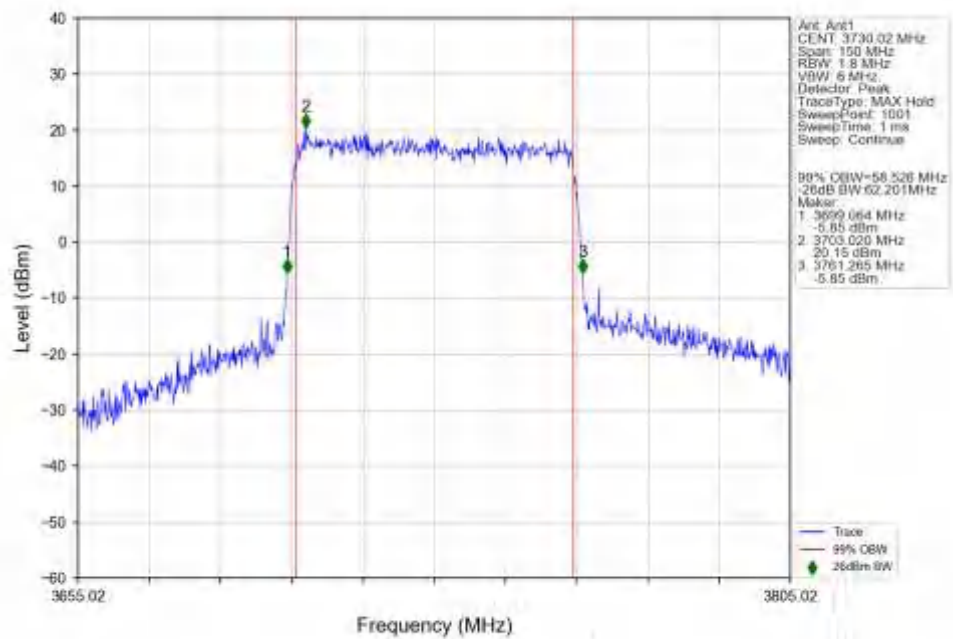
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



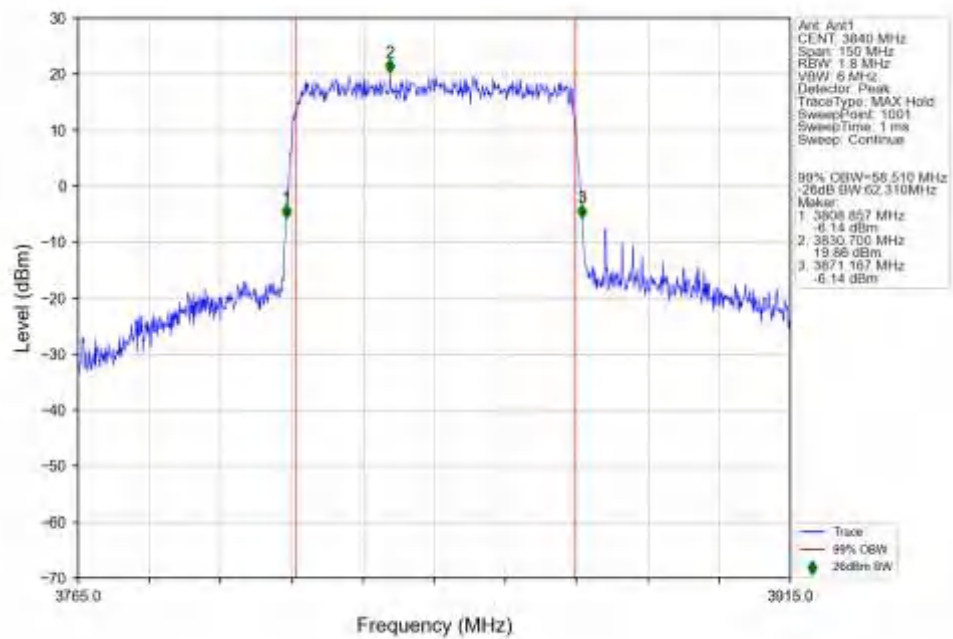
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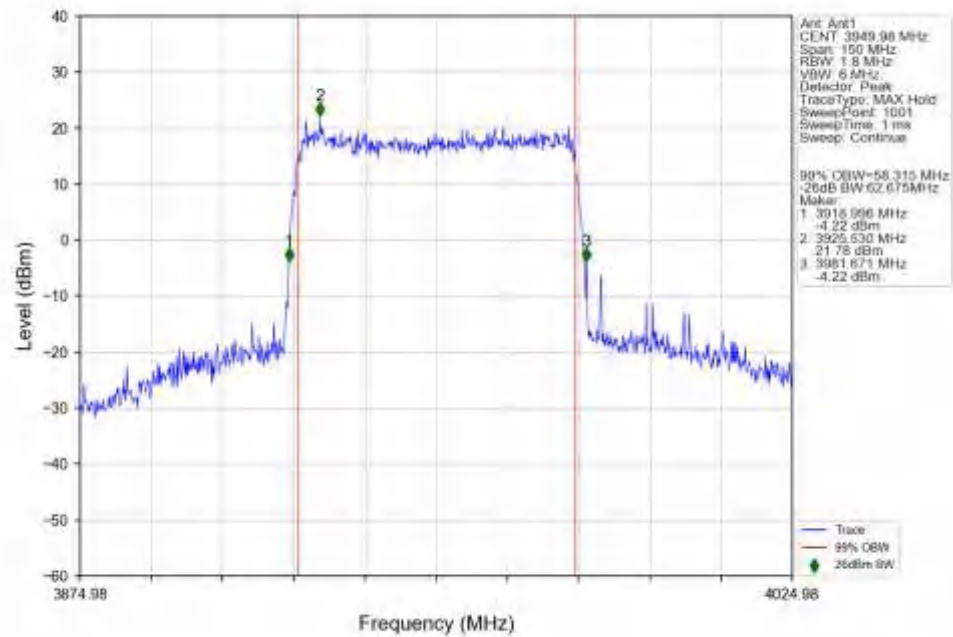
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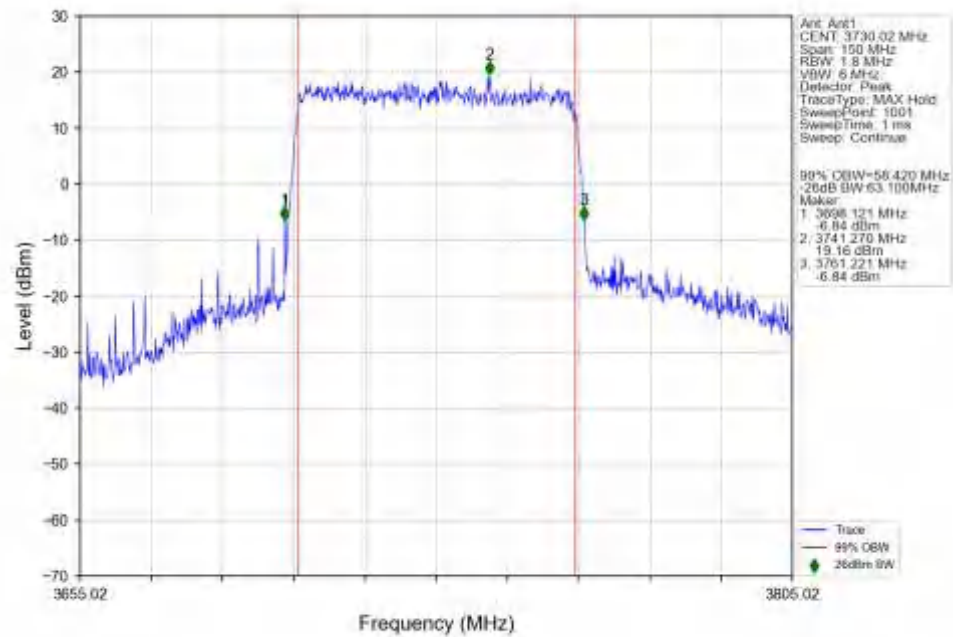
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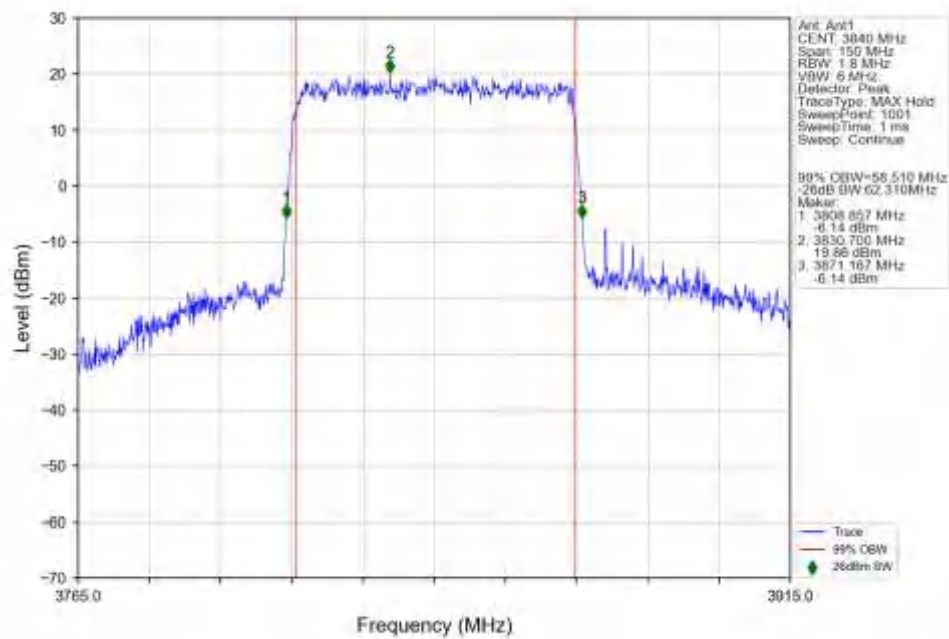
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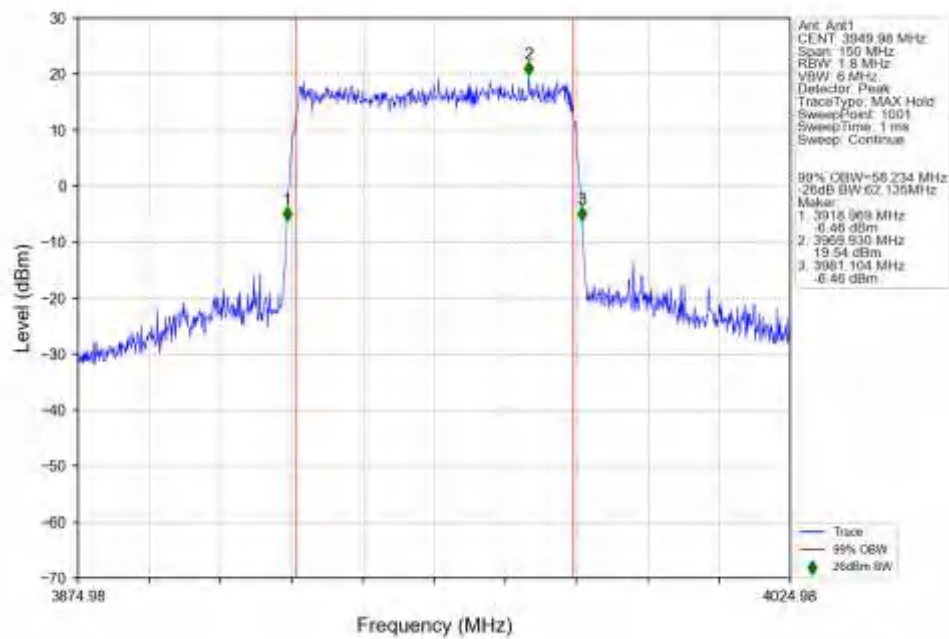
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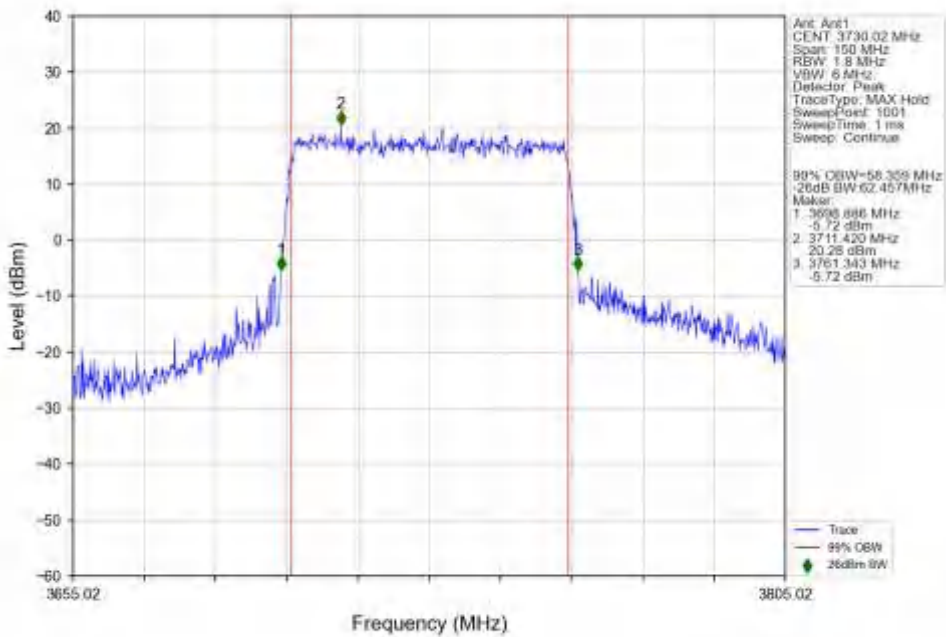
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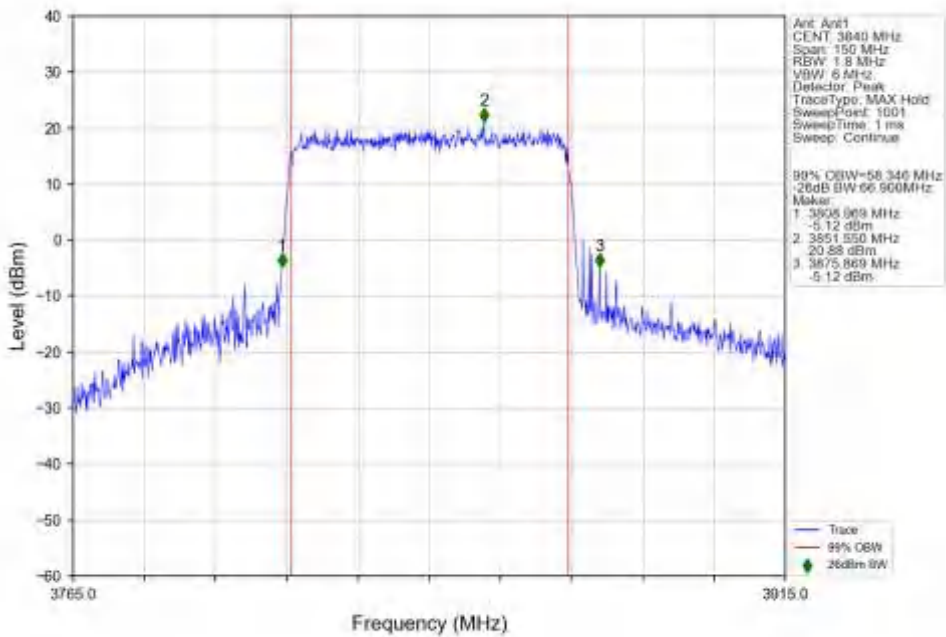
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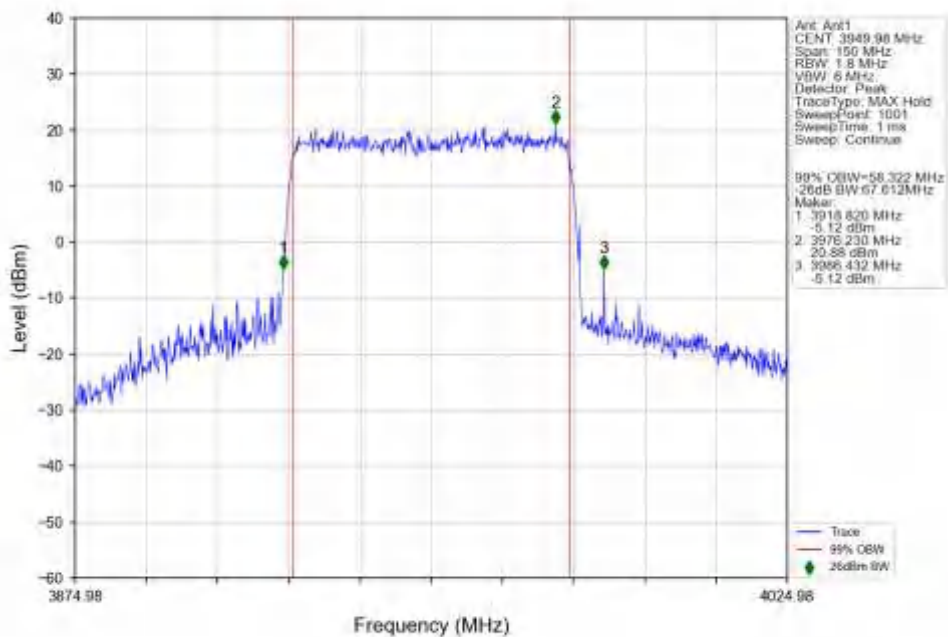
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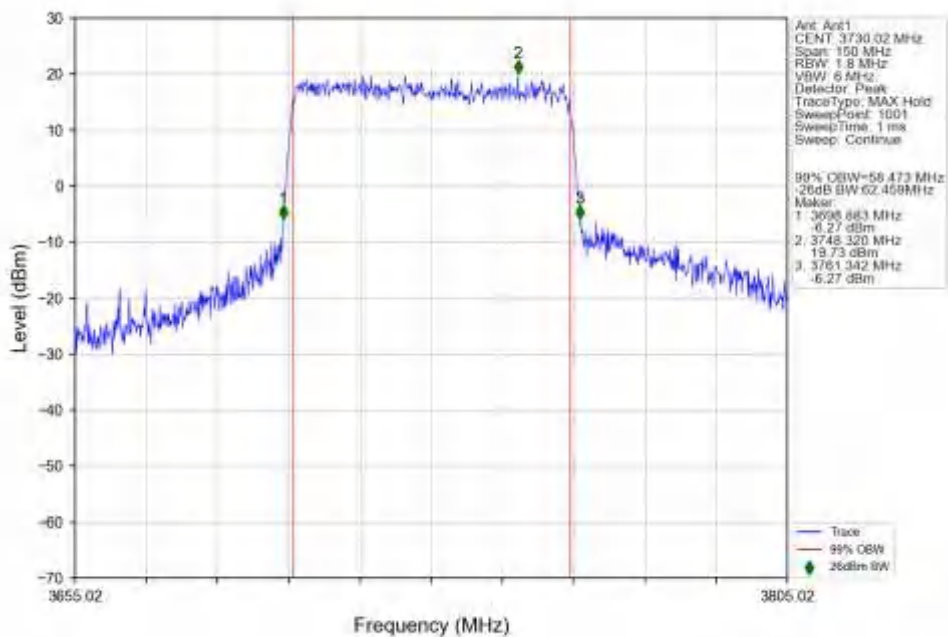
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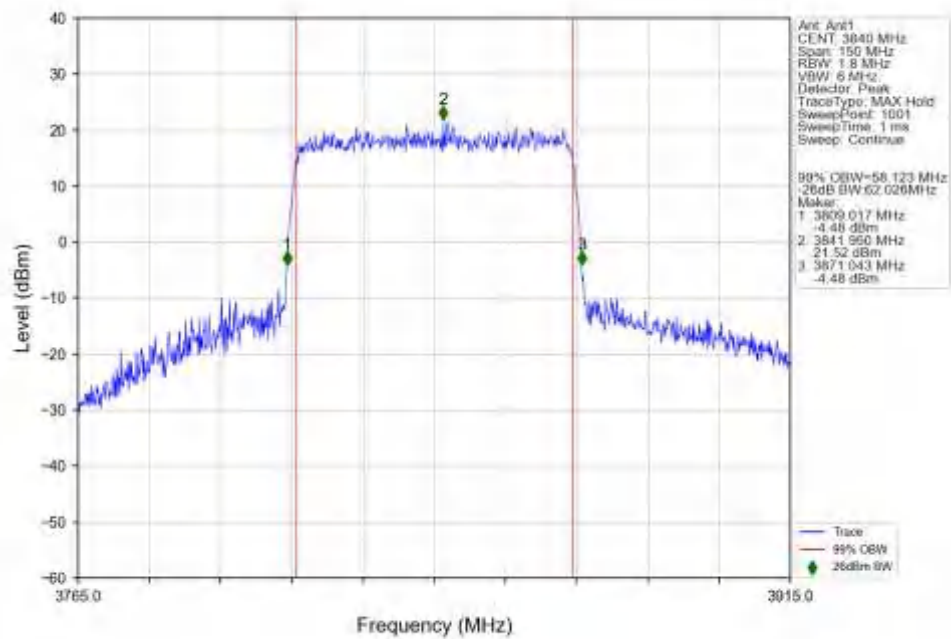
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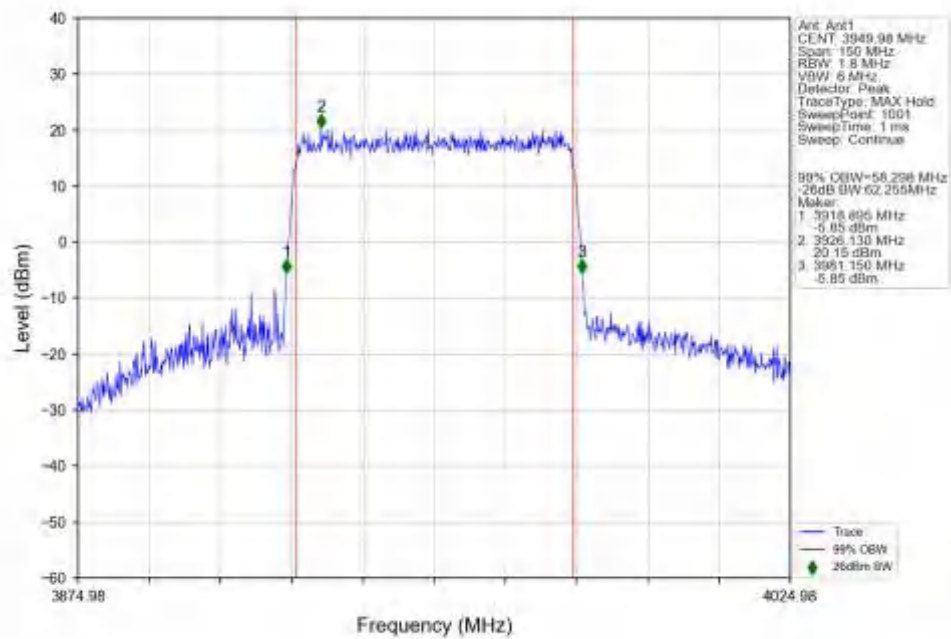
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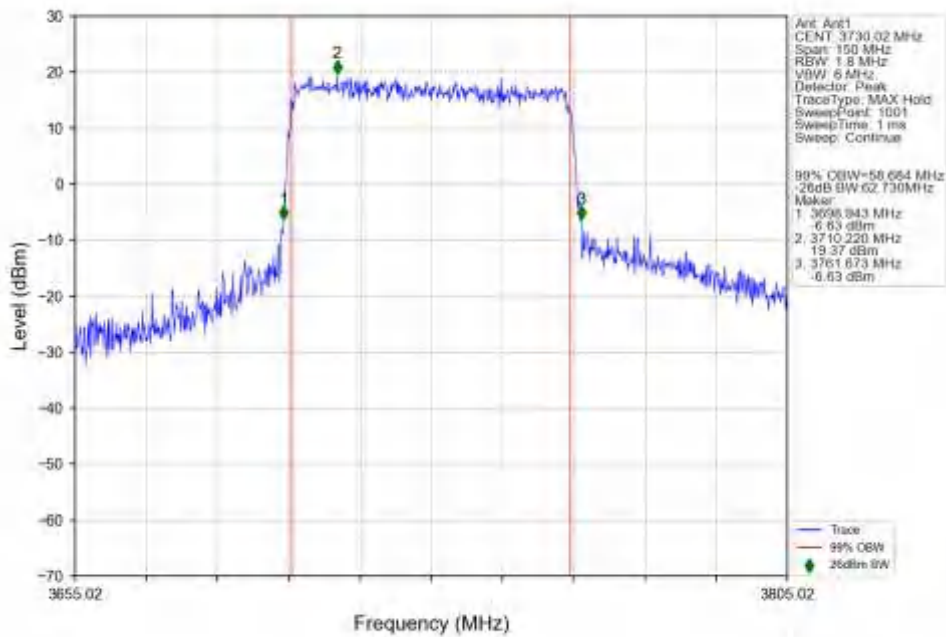
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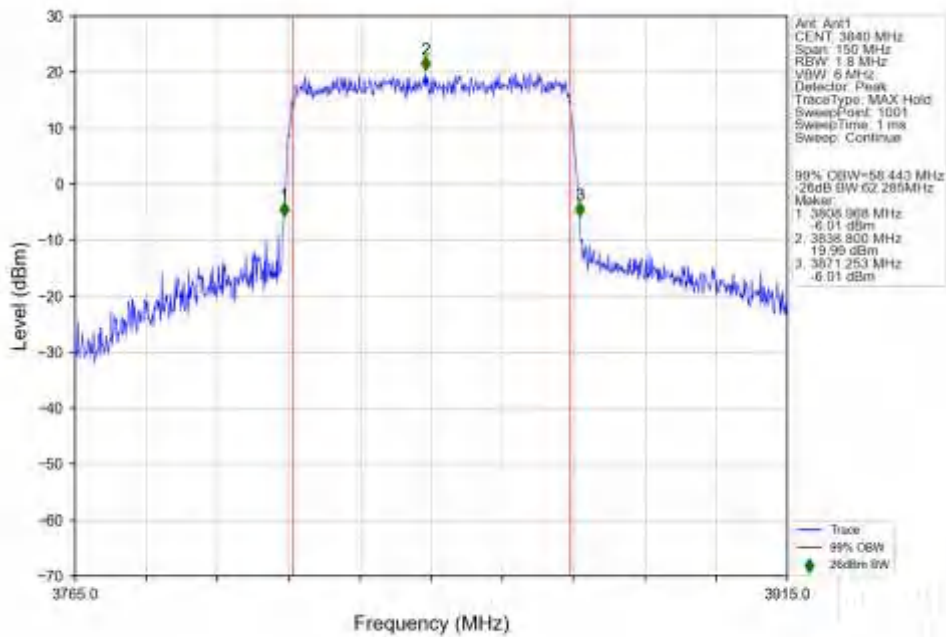
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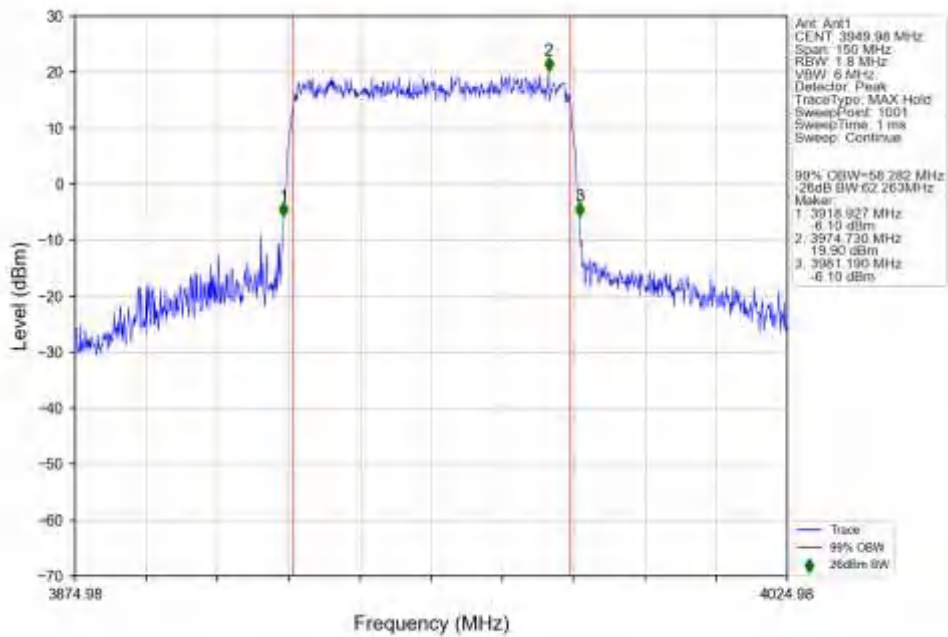
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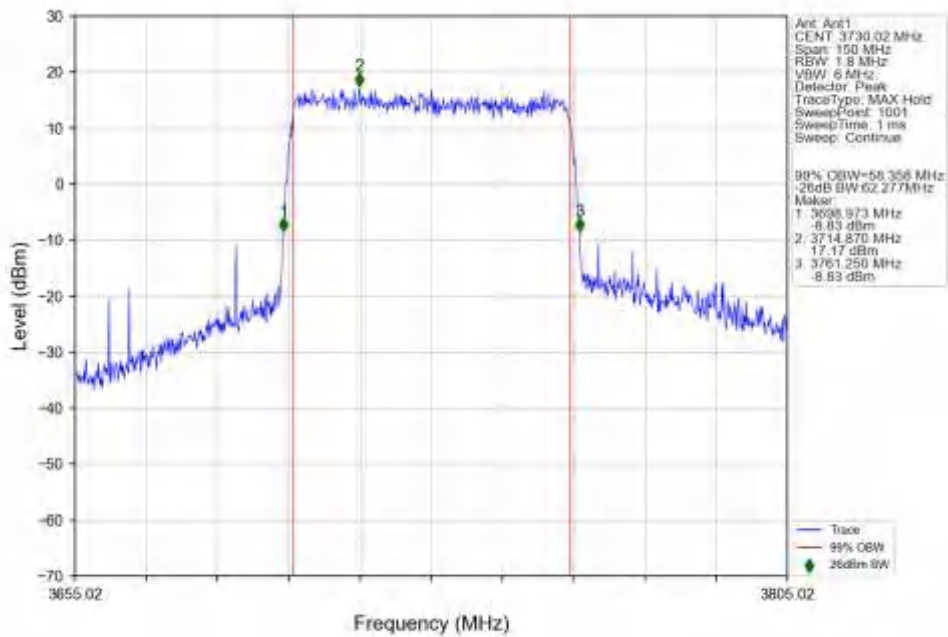
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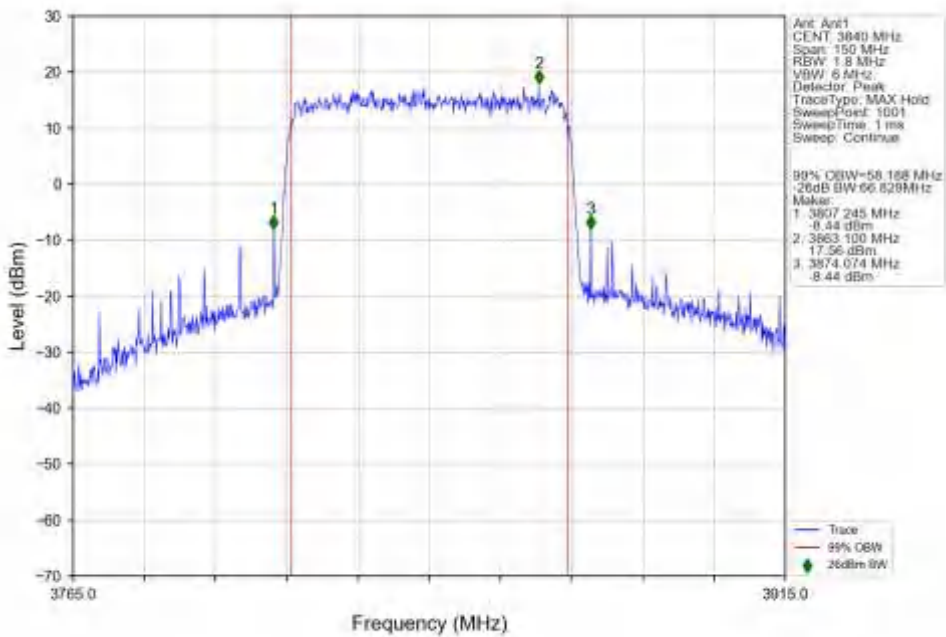
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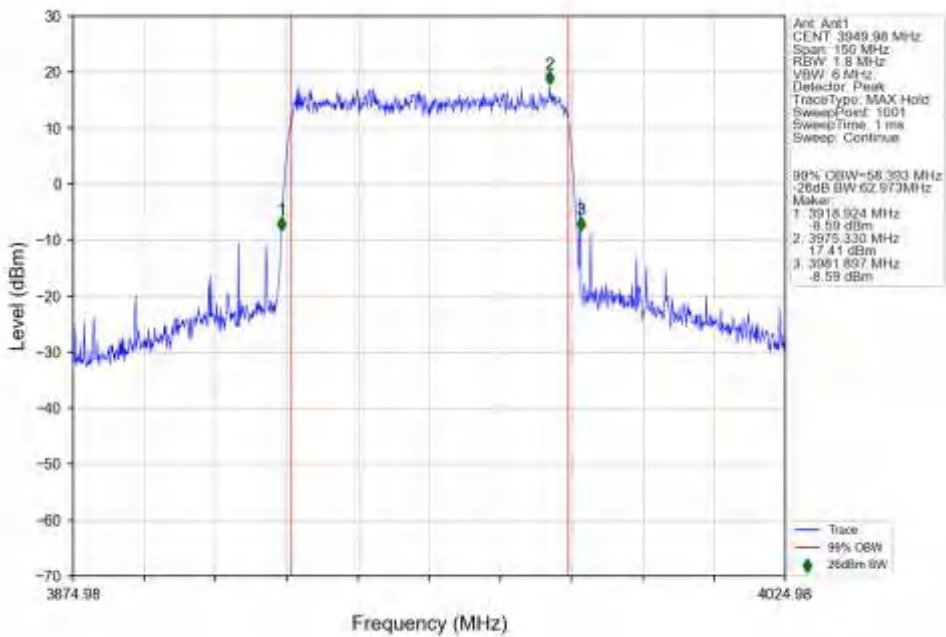
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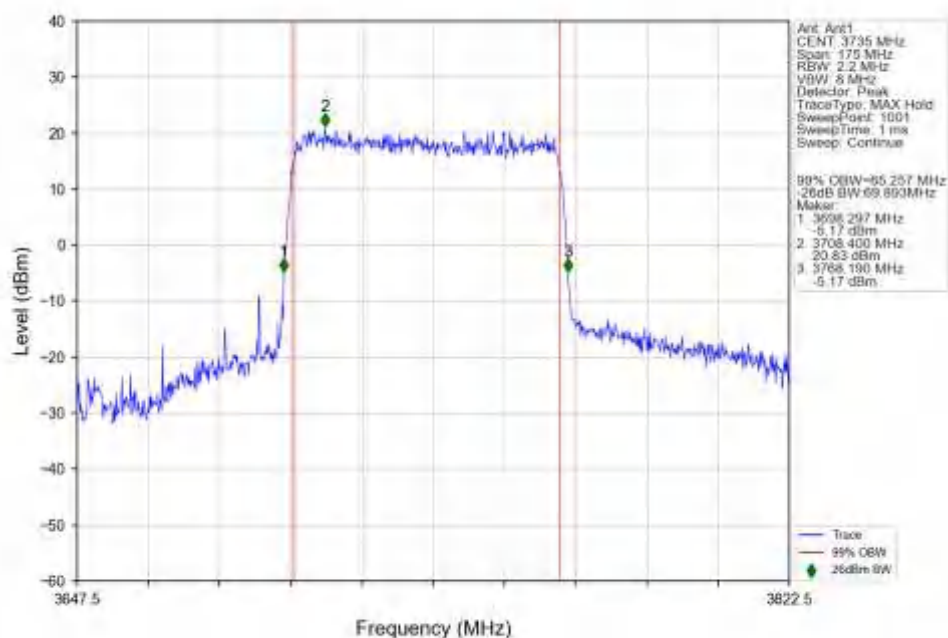


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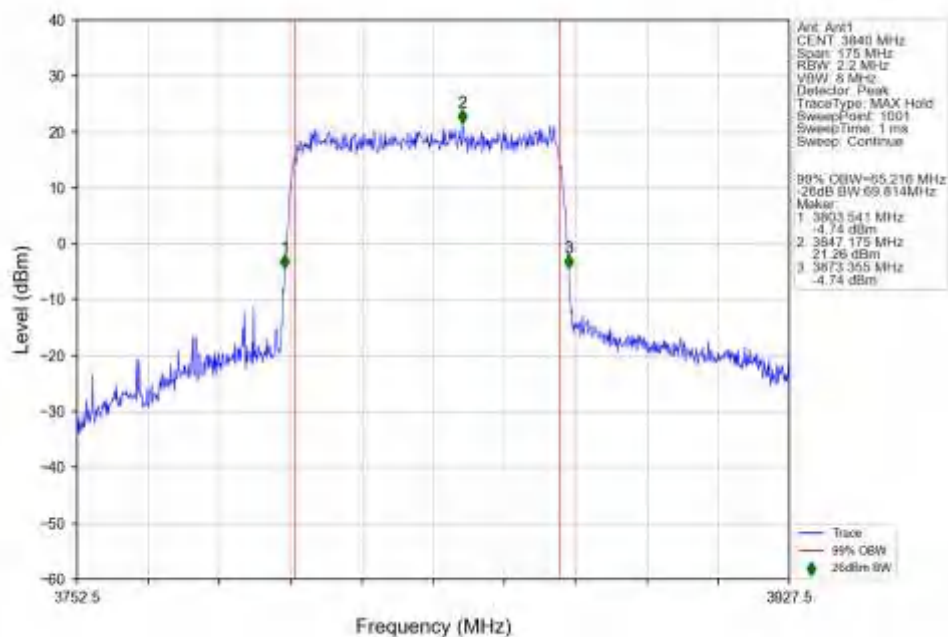


4.2.16 30k_SISO_70MHz_NTNV

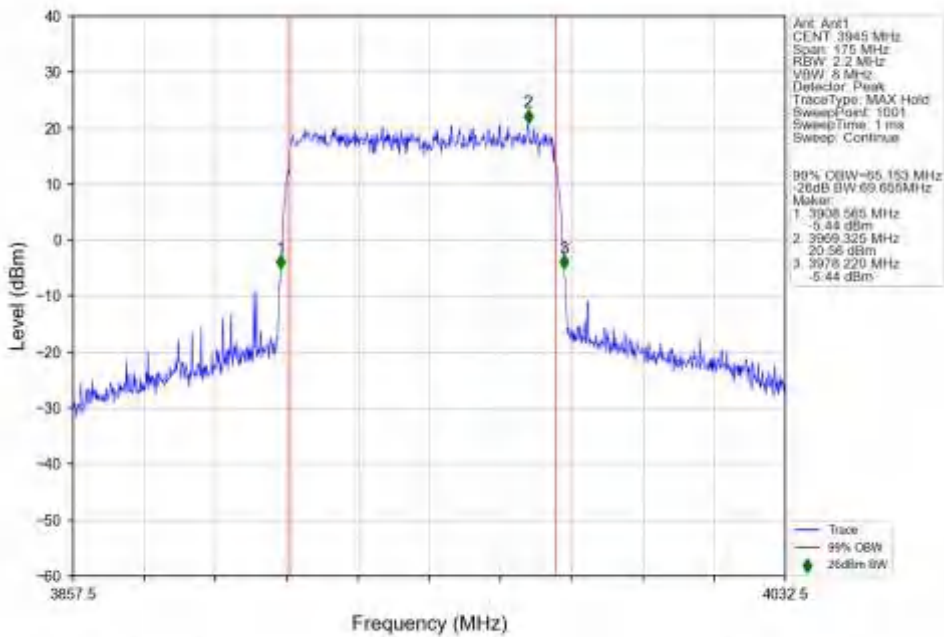
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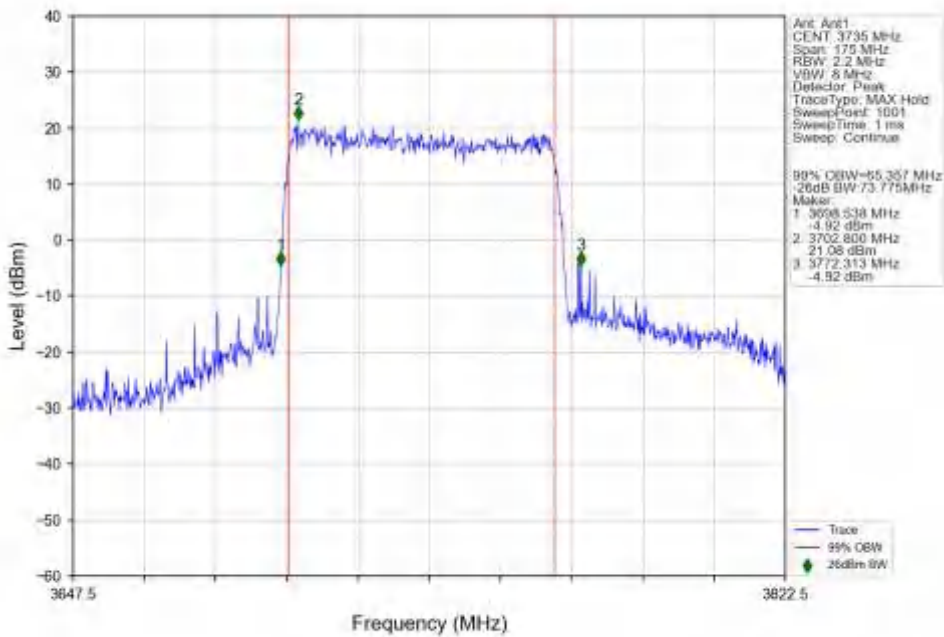
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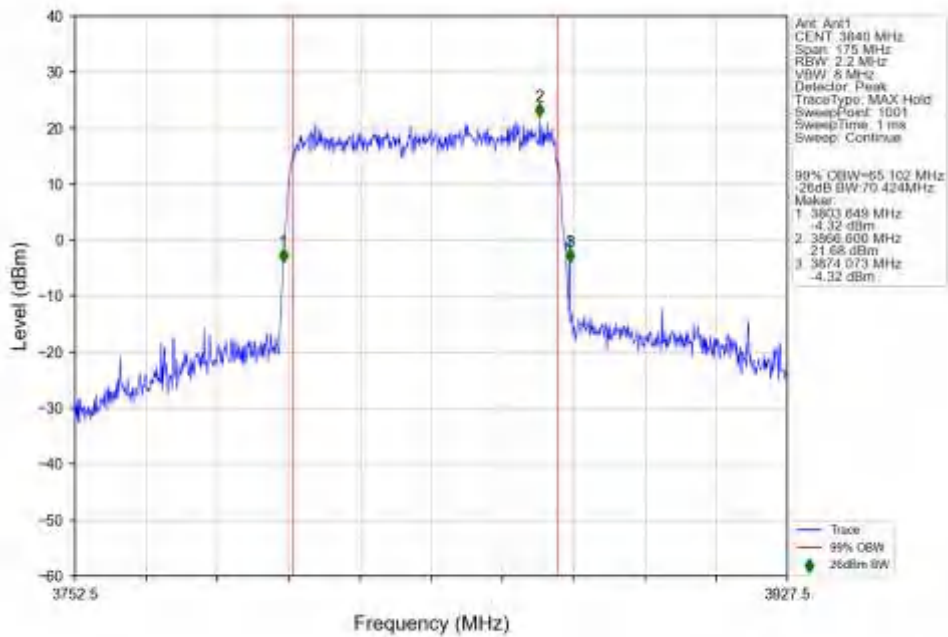
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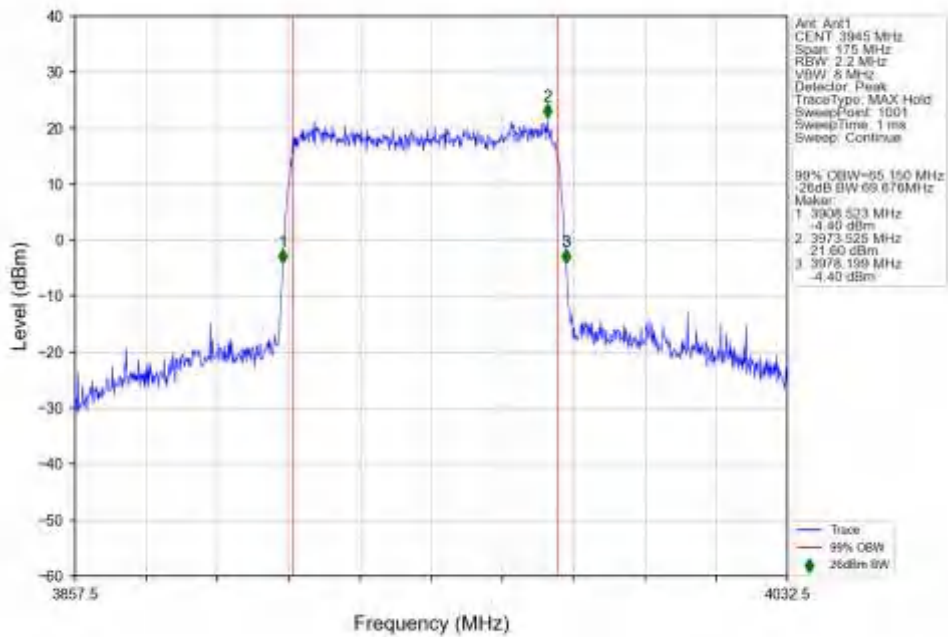
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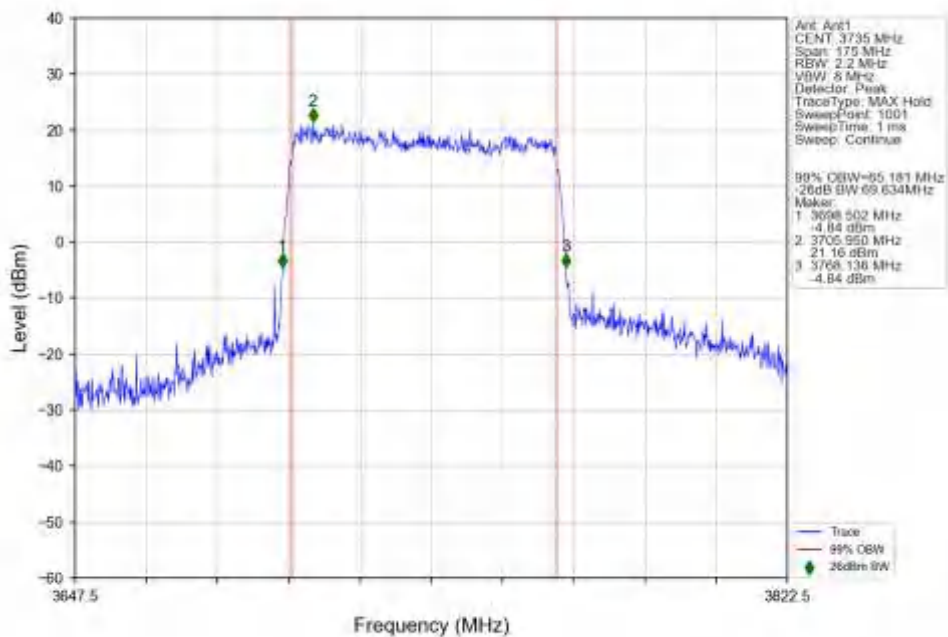
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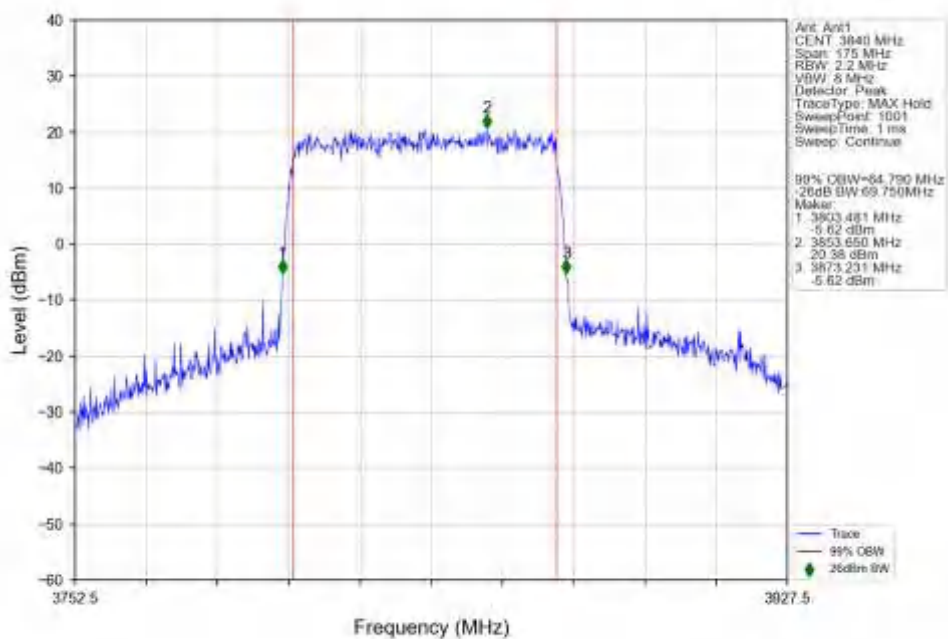
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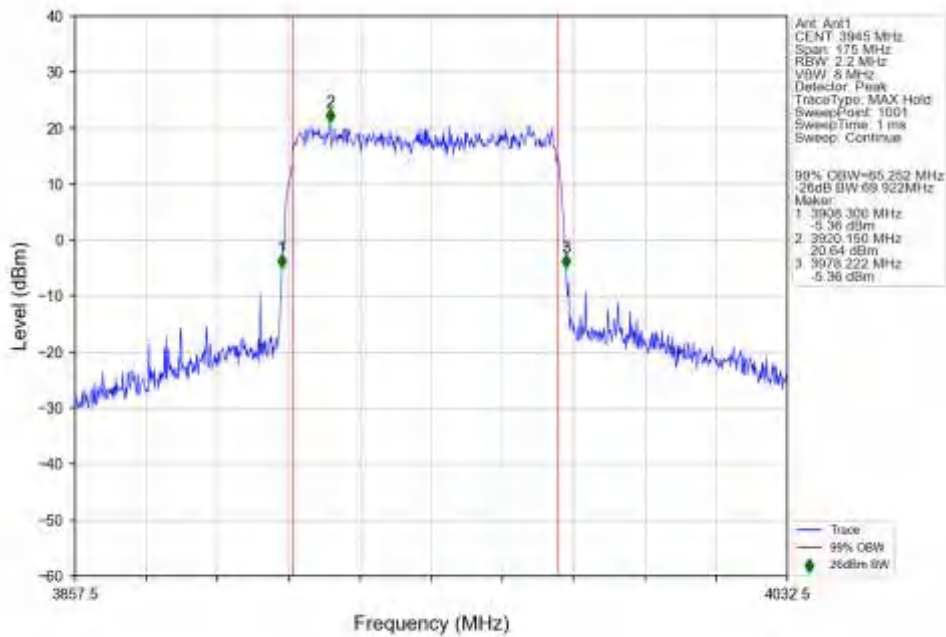
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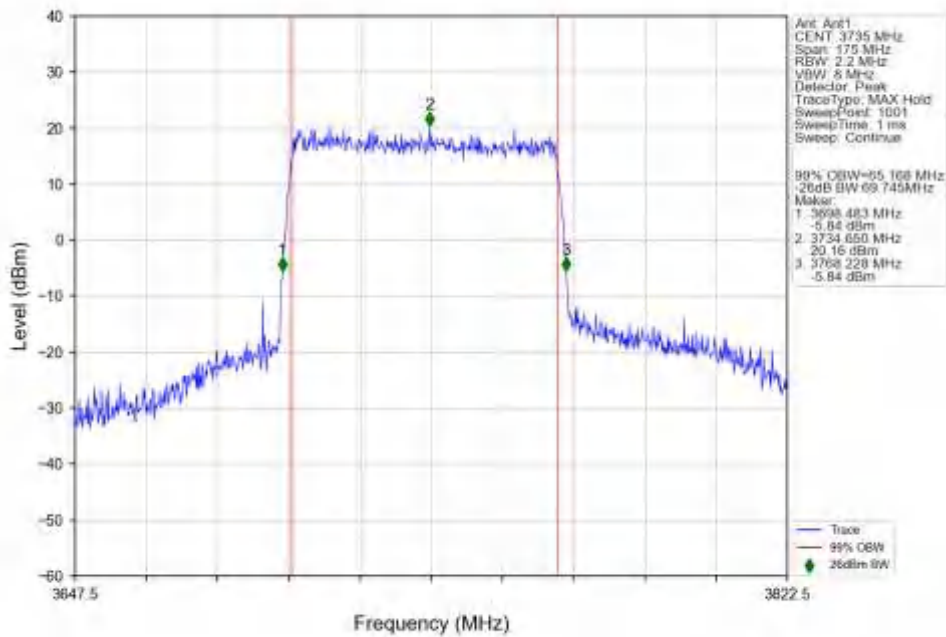
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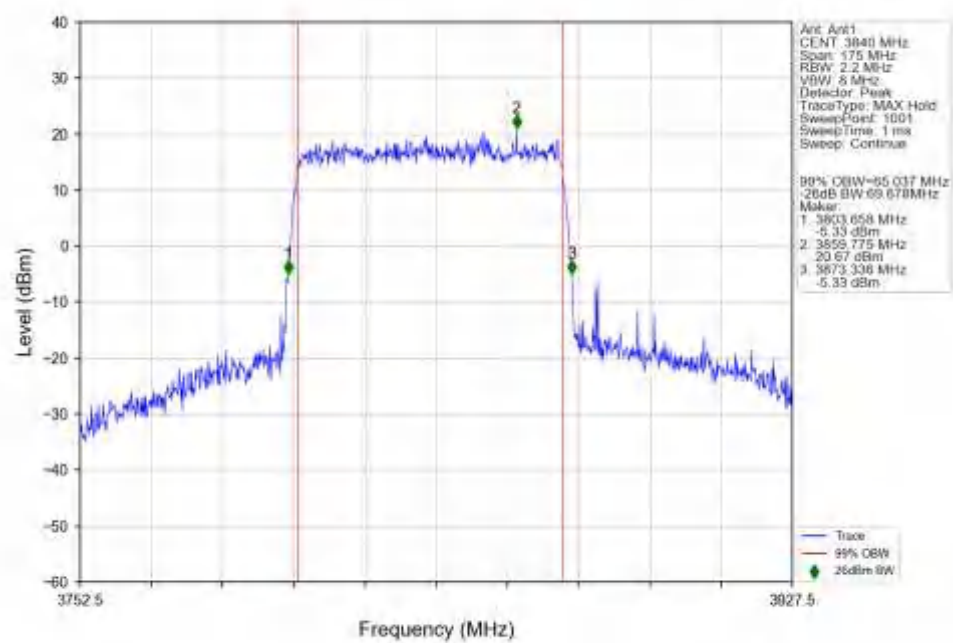
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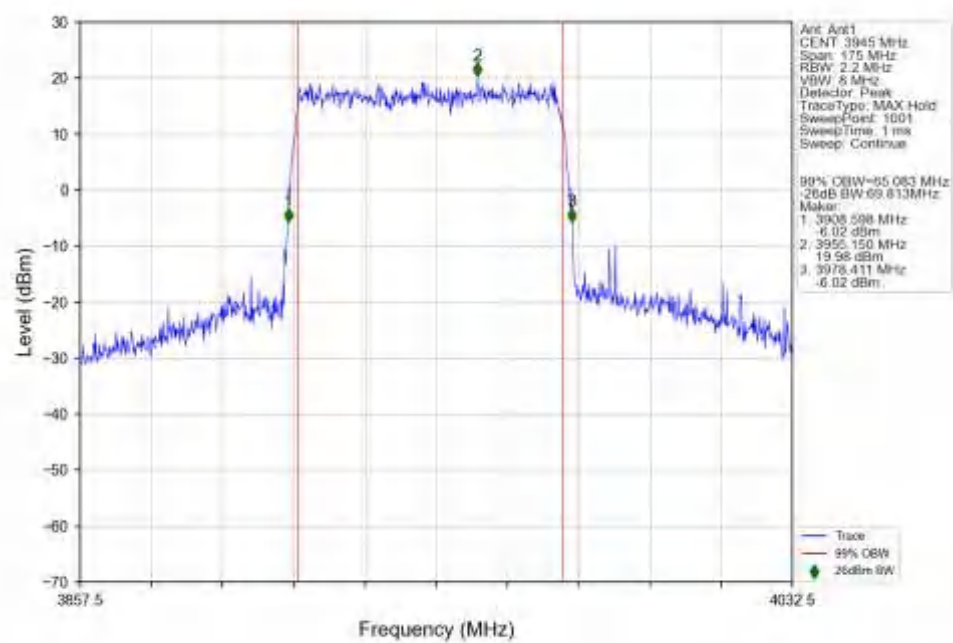
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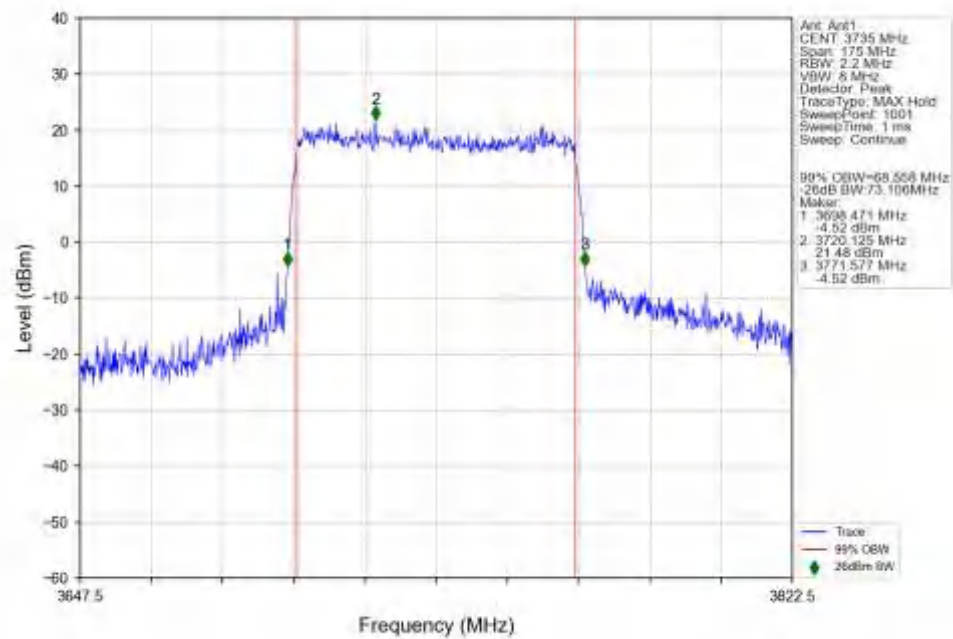
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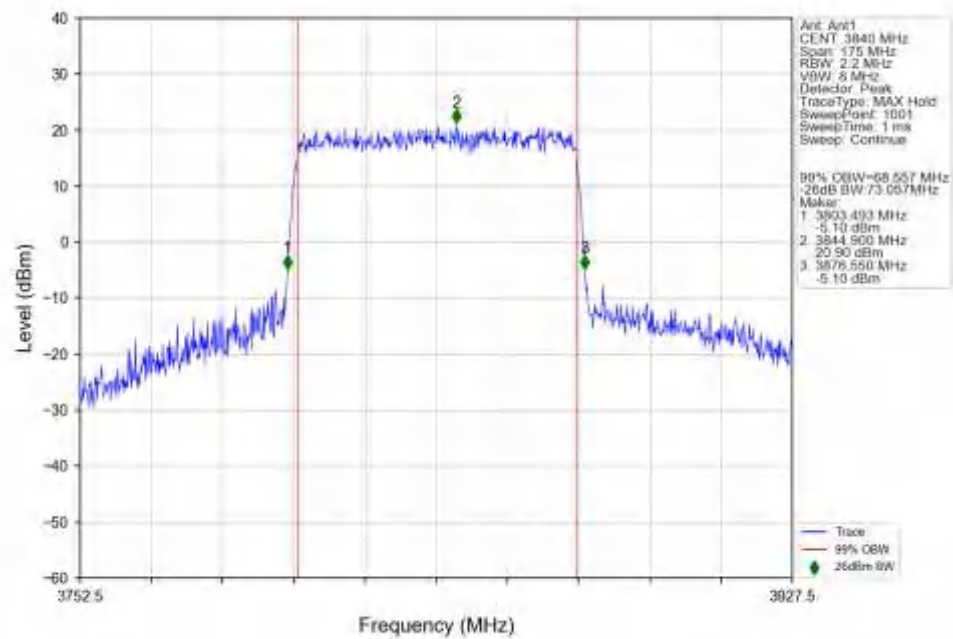
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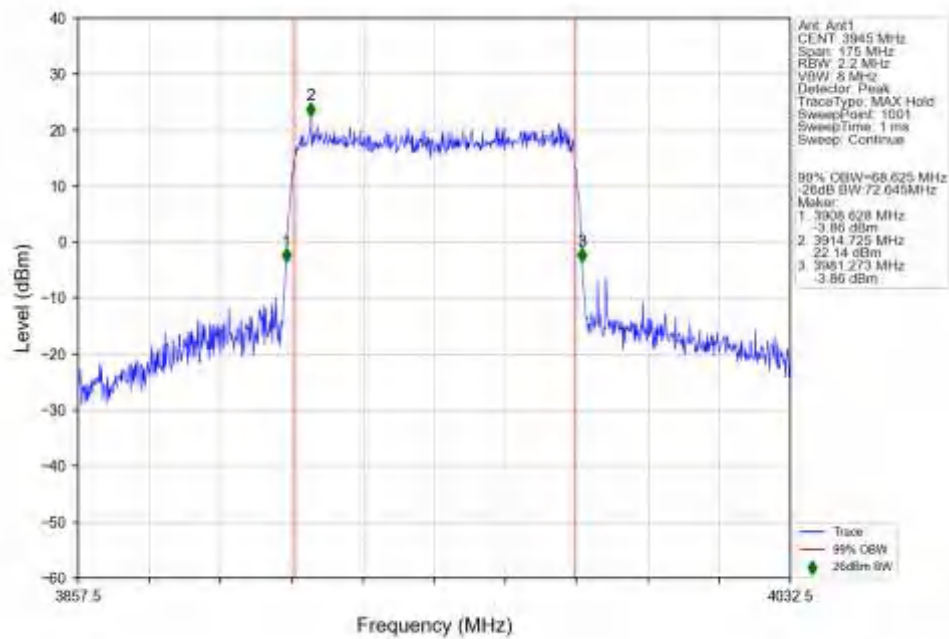
n77a 30kHz SISO NTN 70MHz CP-OFDM QPSK 3735MHz Outer Full Ant1



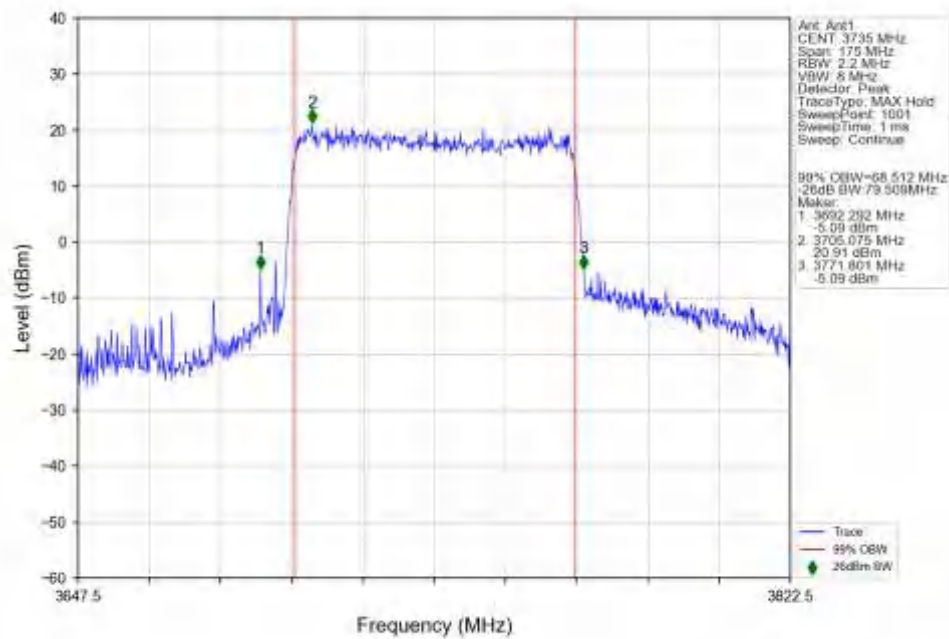
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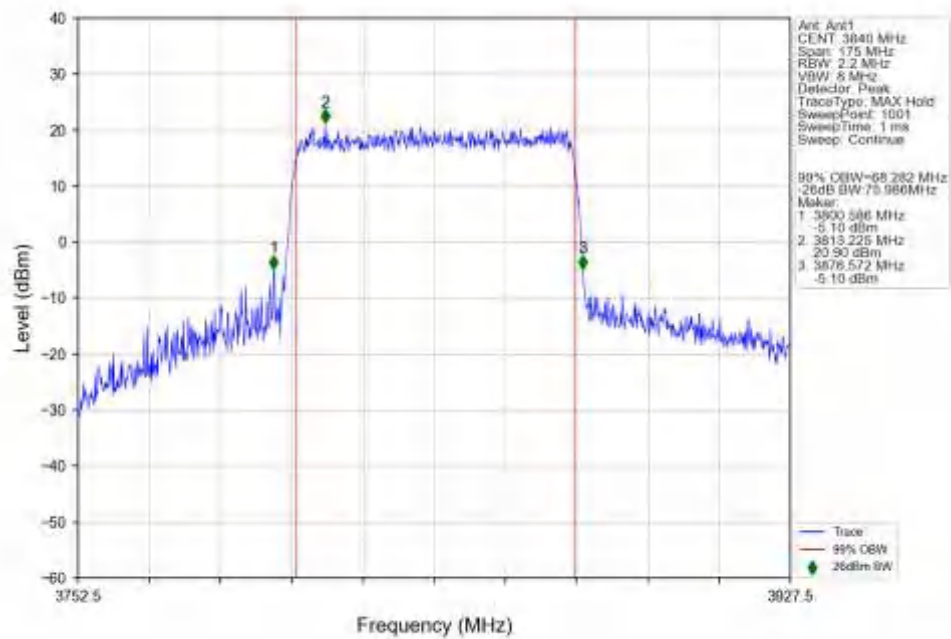
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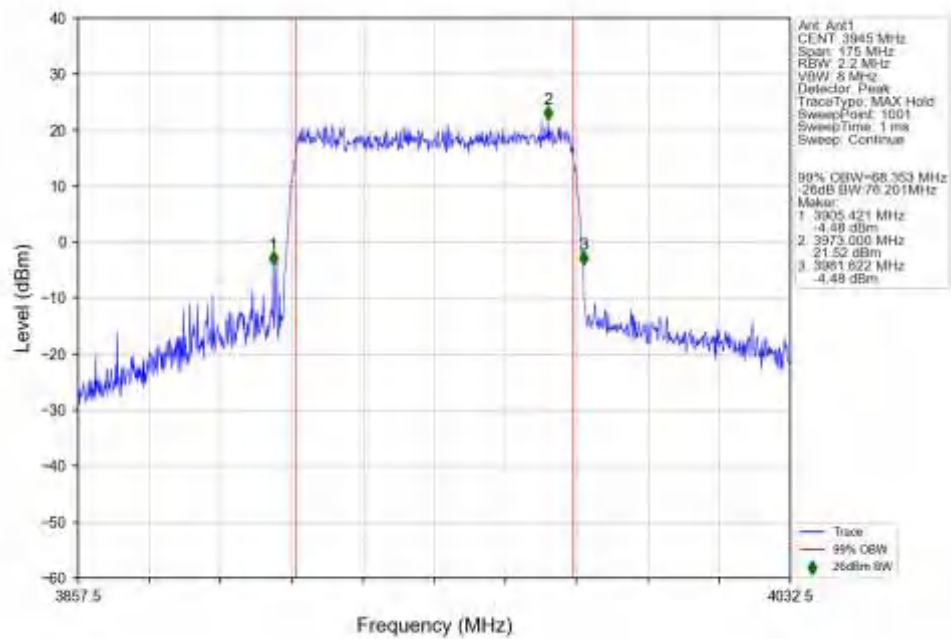
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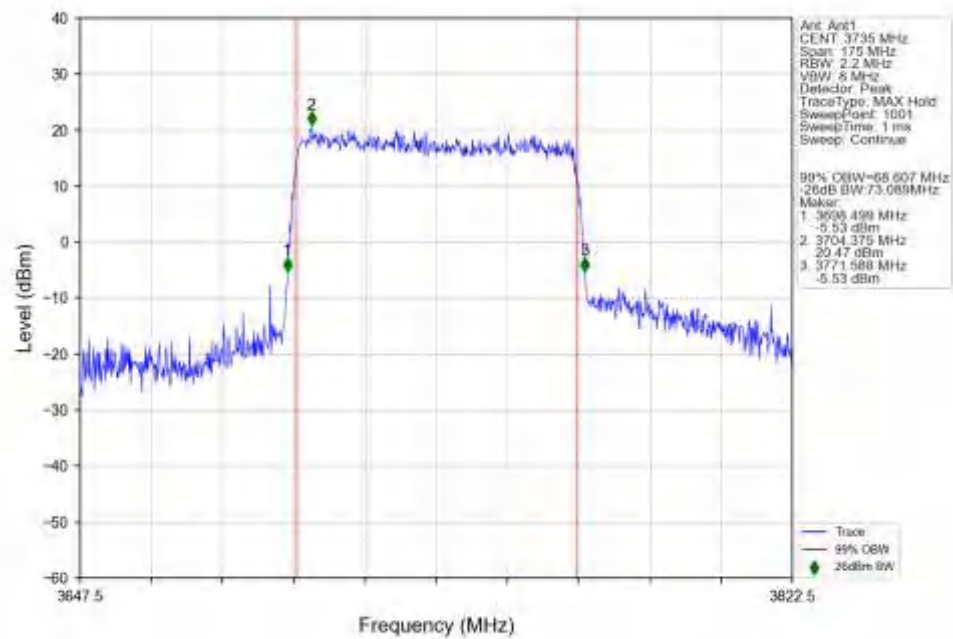
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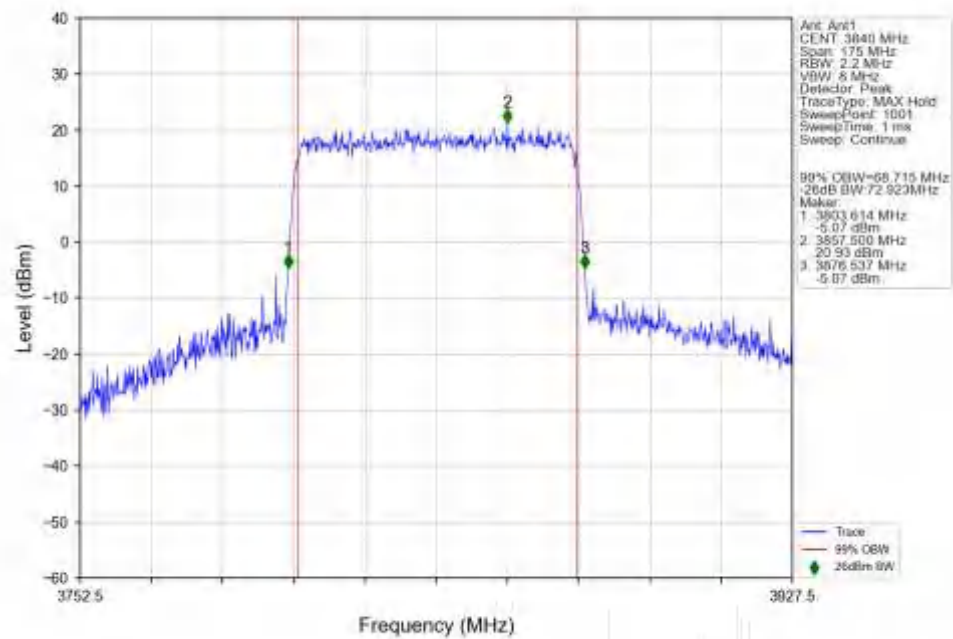
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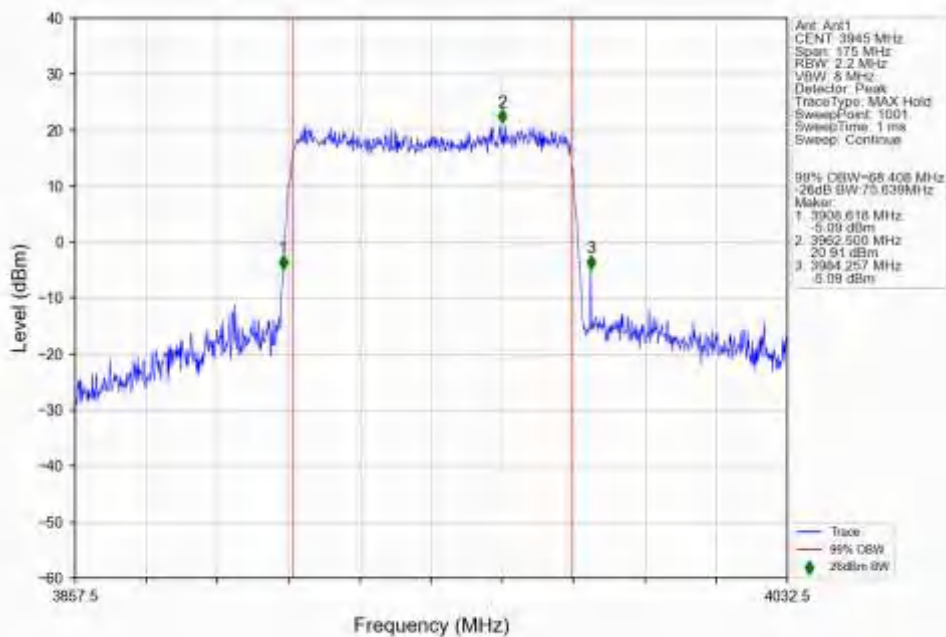
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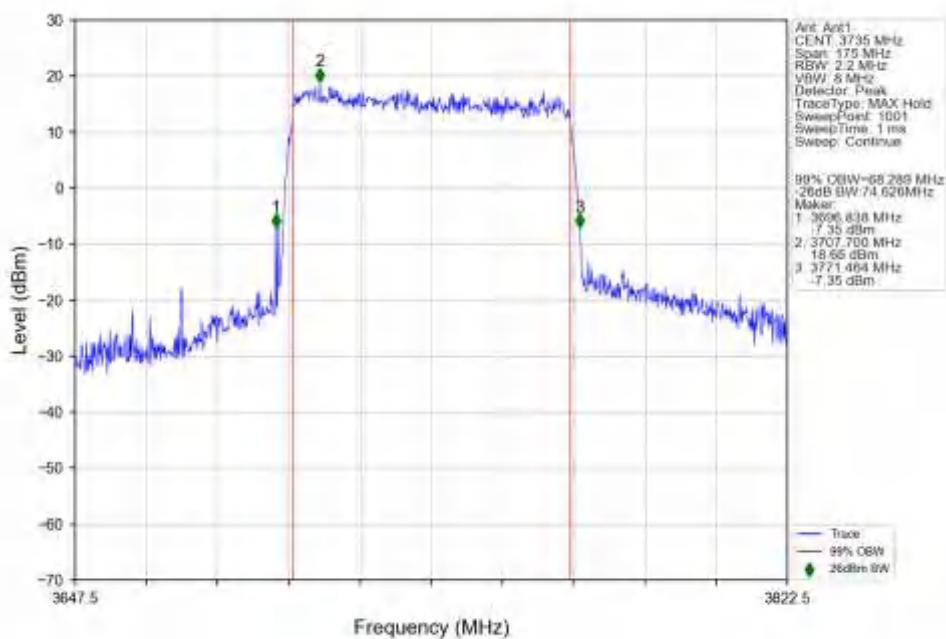
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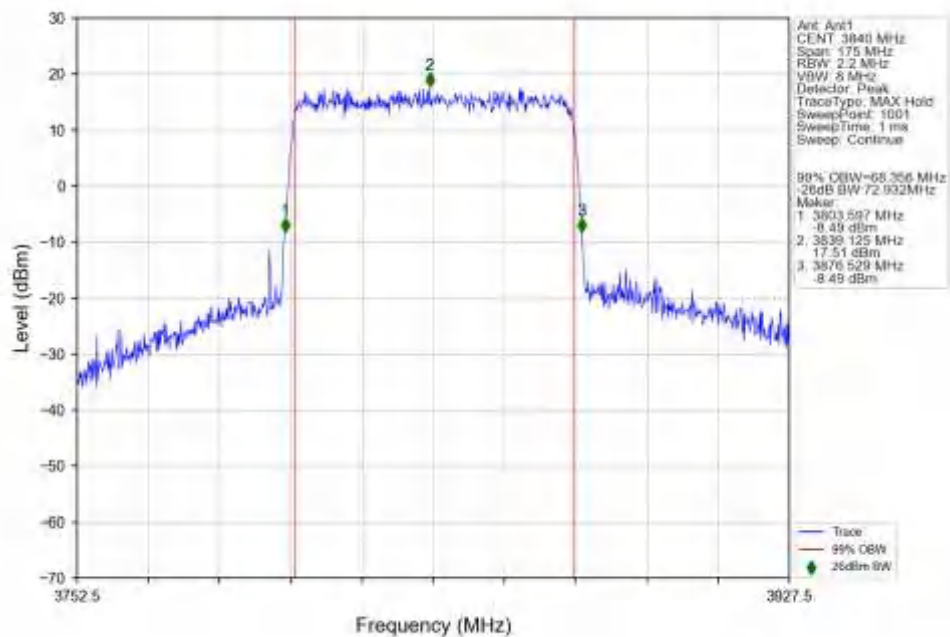
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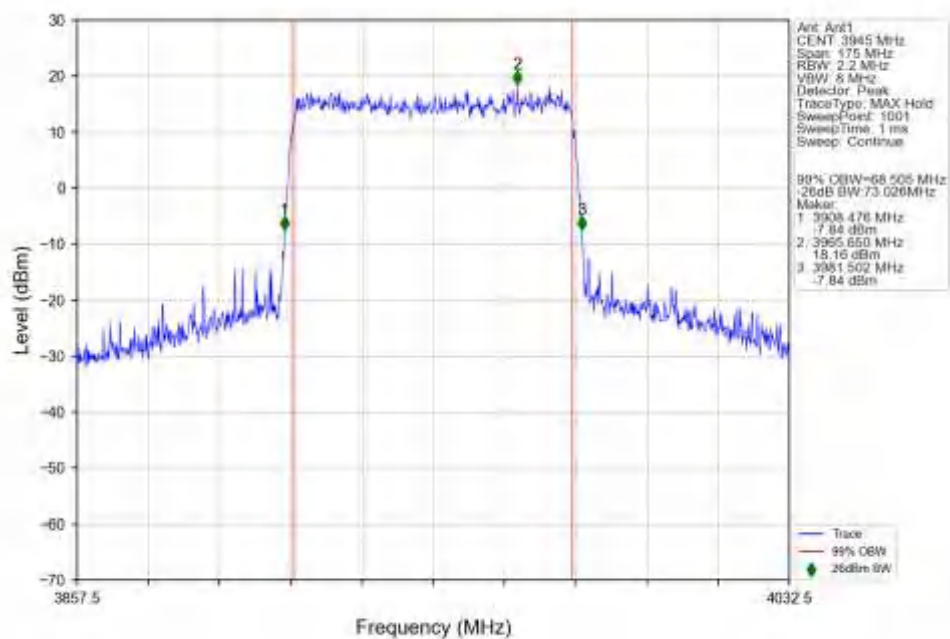
n77a 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3735MHz Outer_Full Ant1



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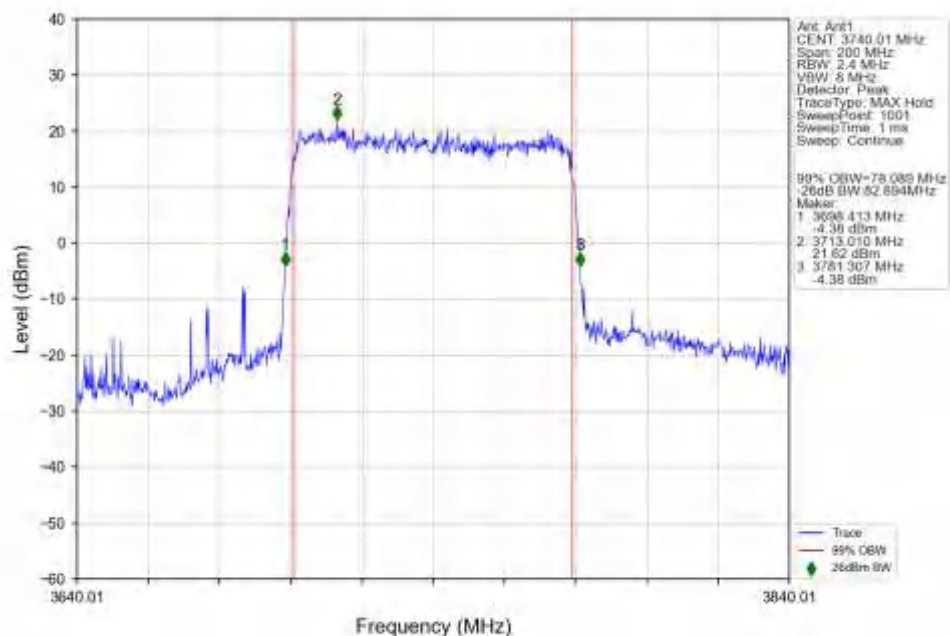


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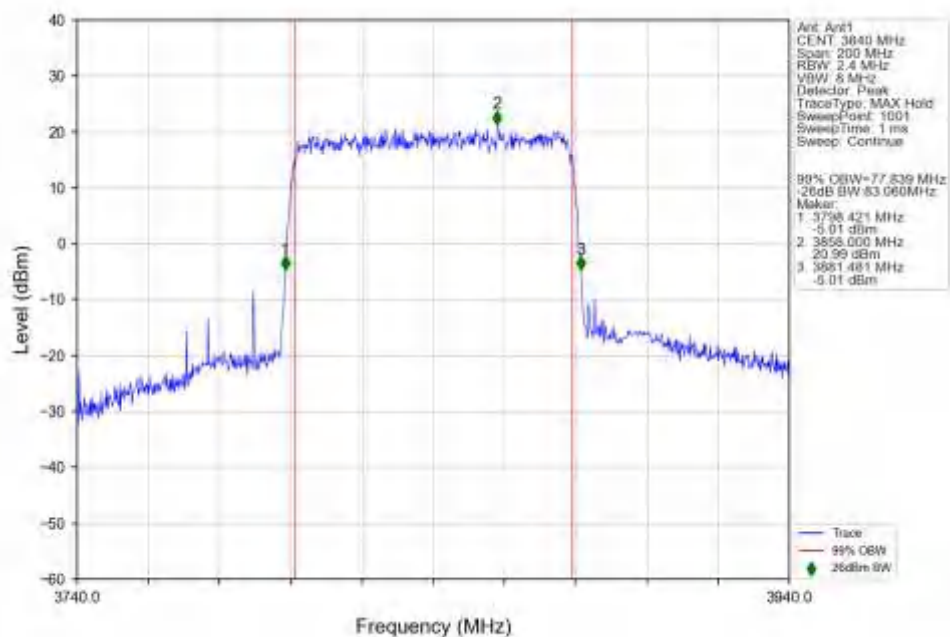


4.2.17 30k_SISO_80MHz_NTNV

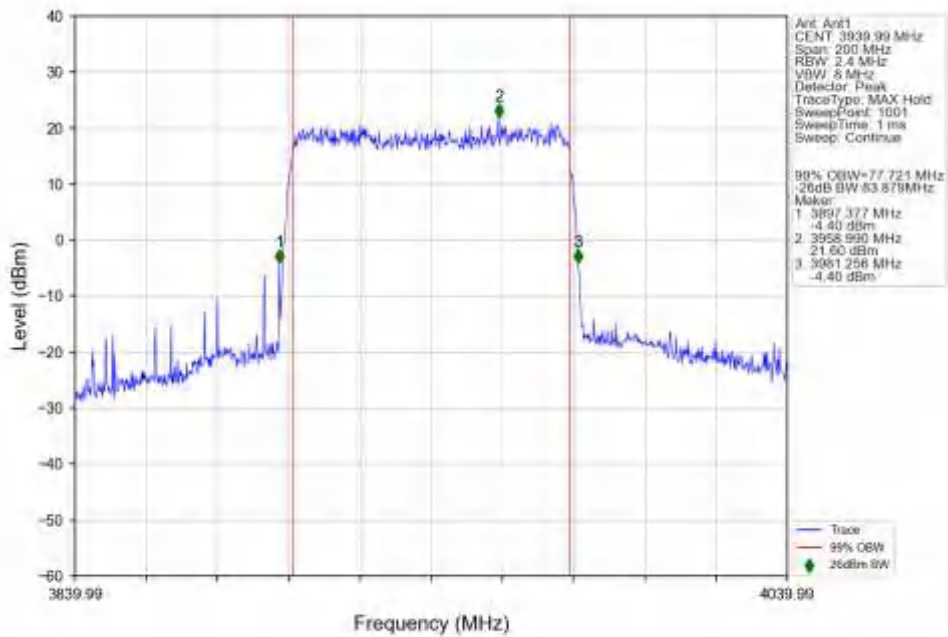
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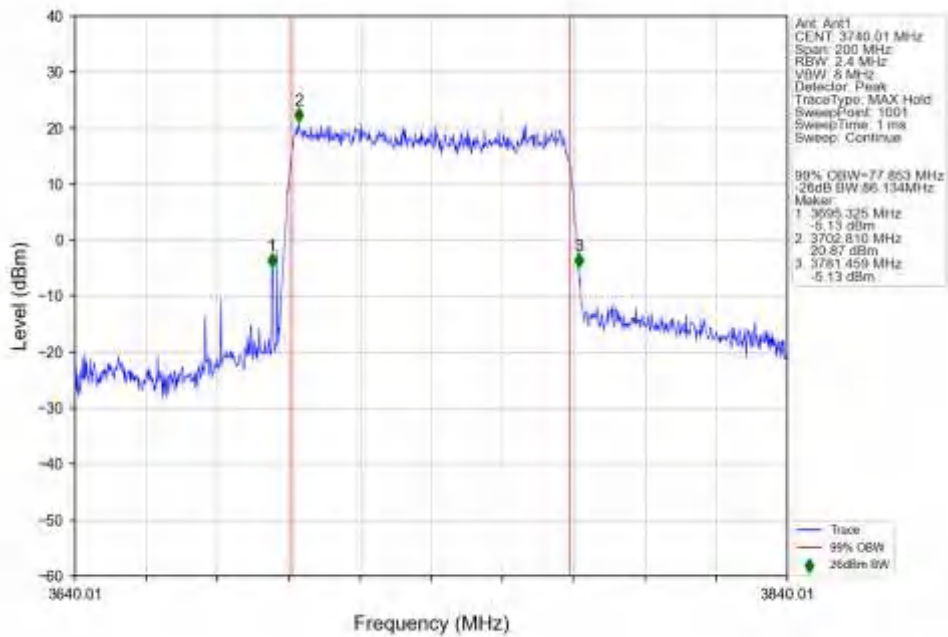
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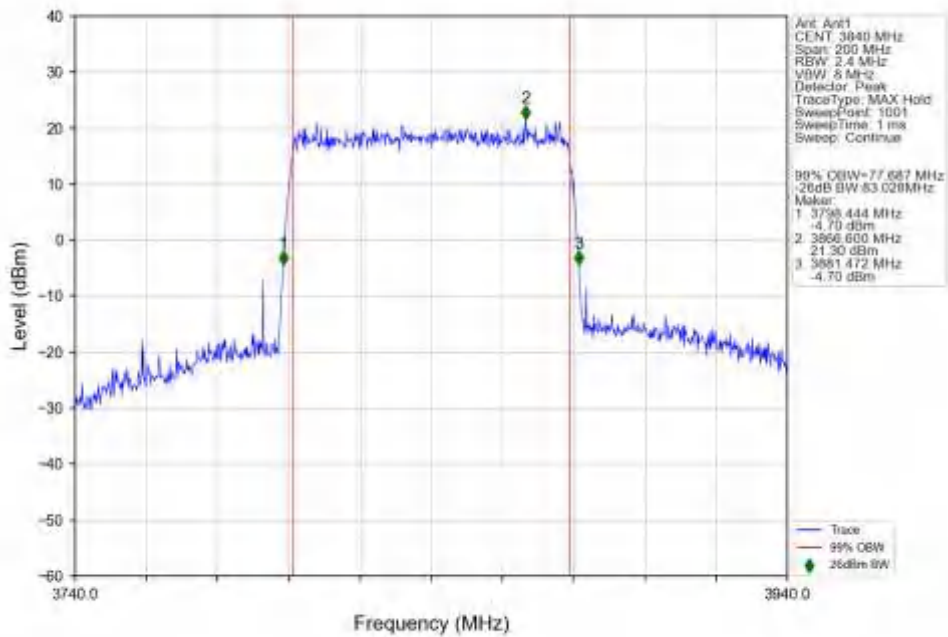
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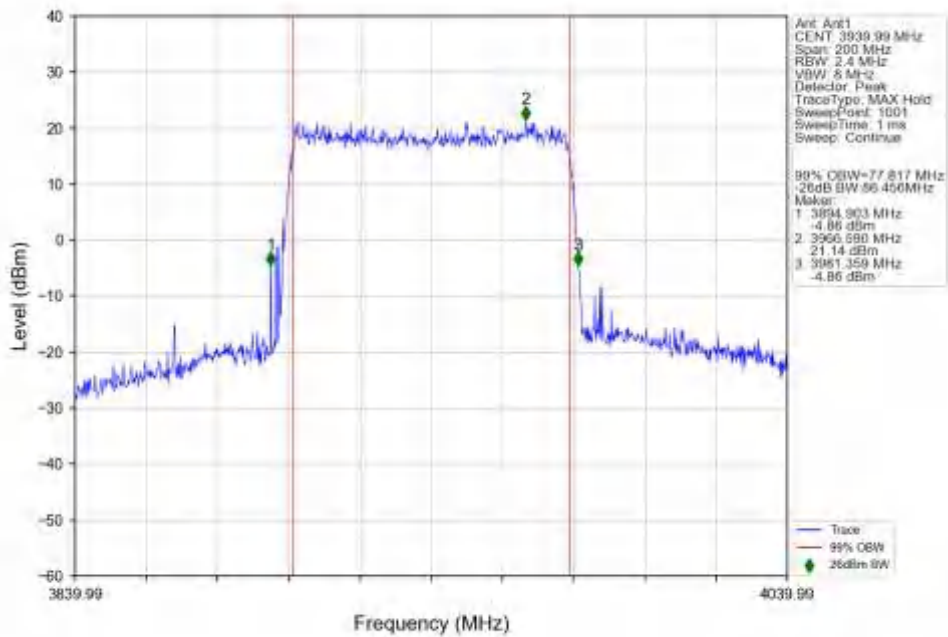
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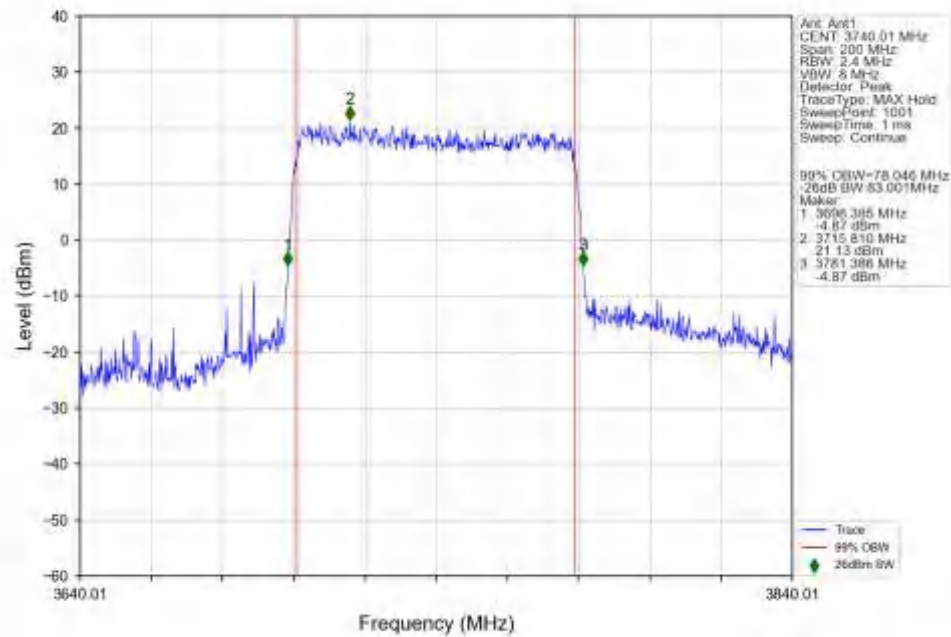
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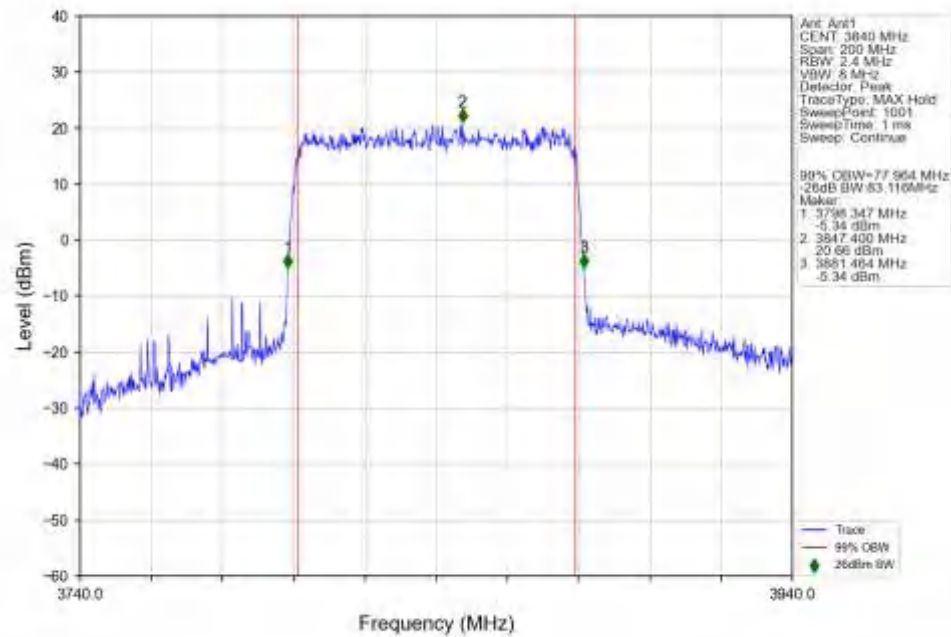
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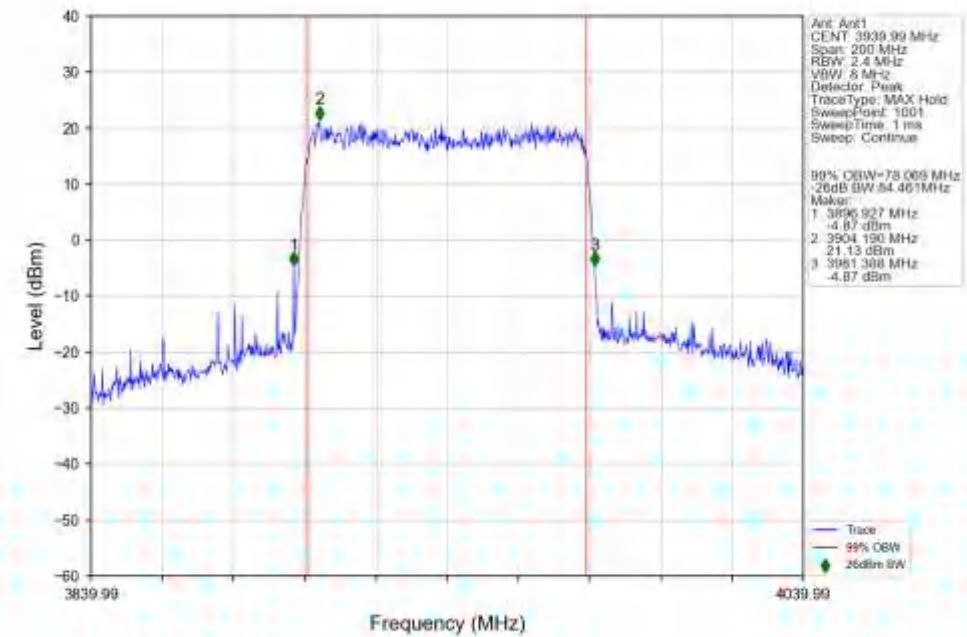
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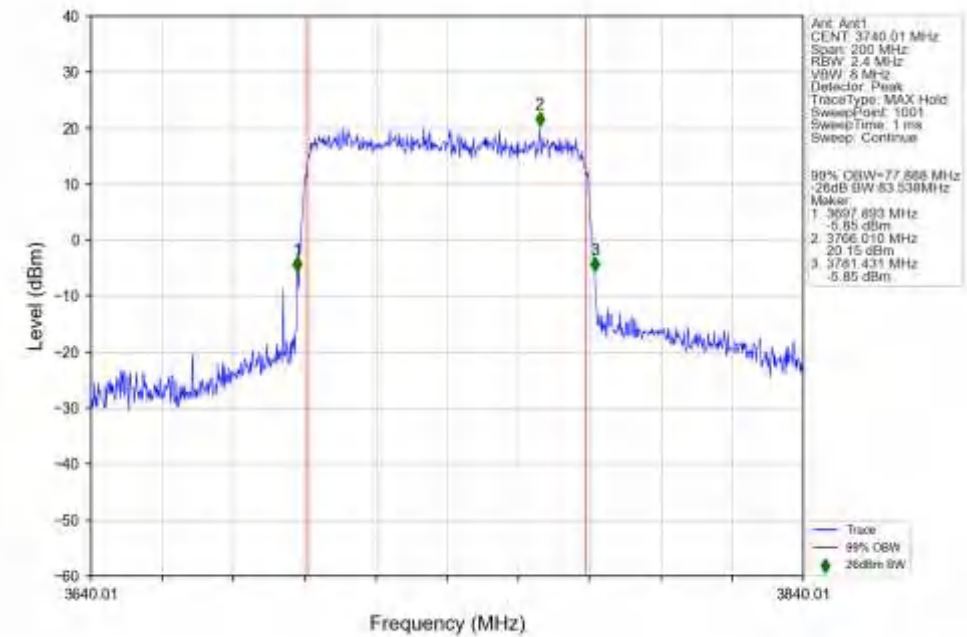
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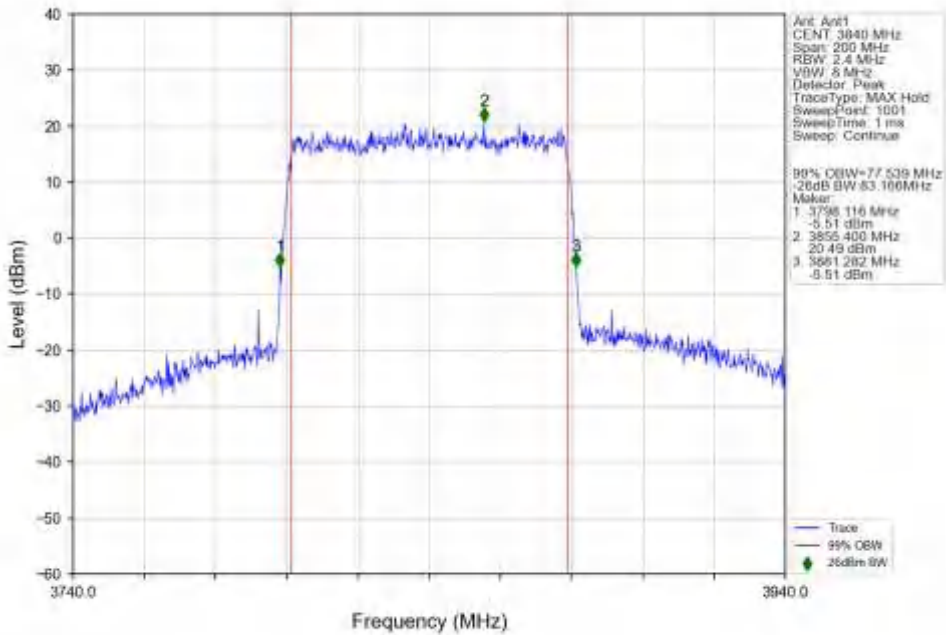
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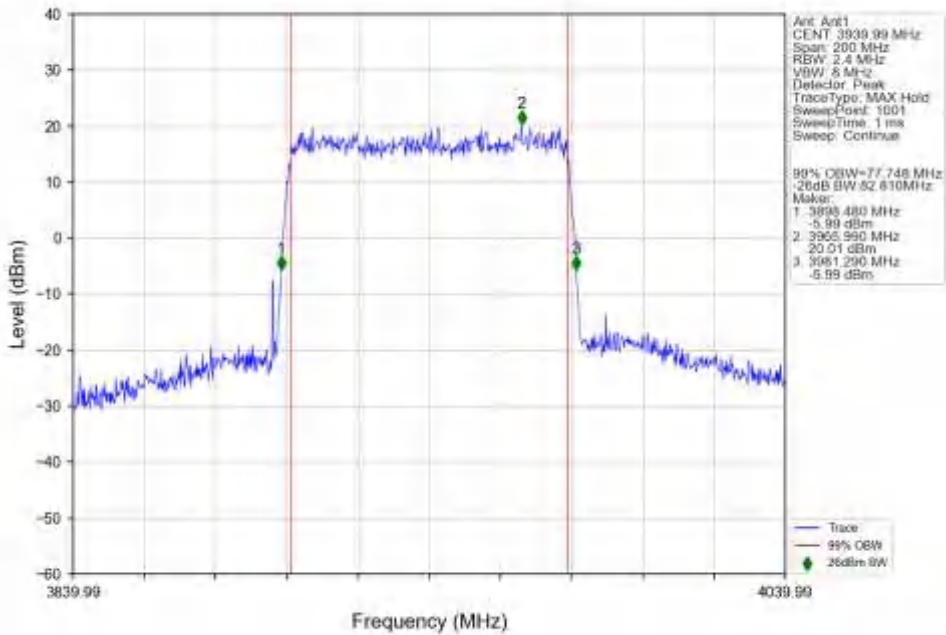
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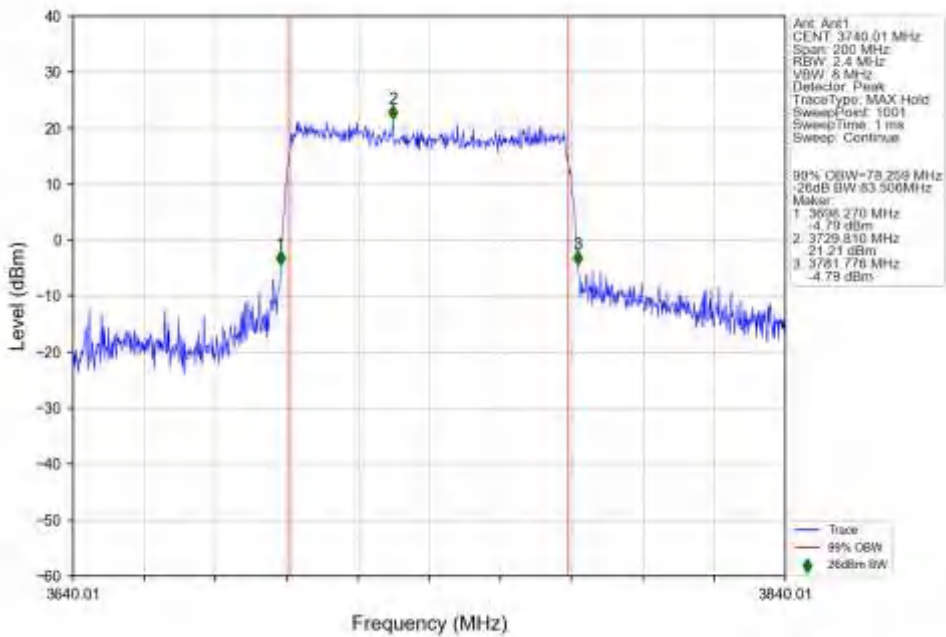
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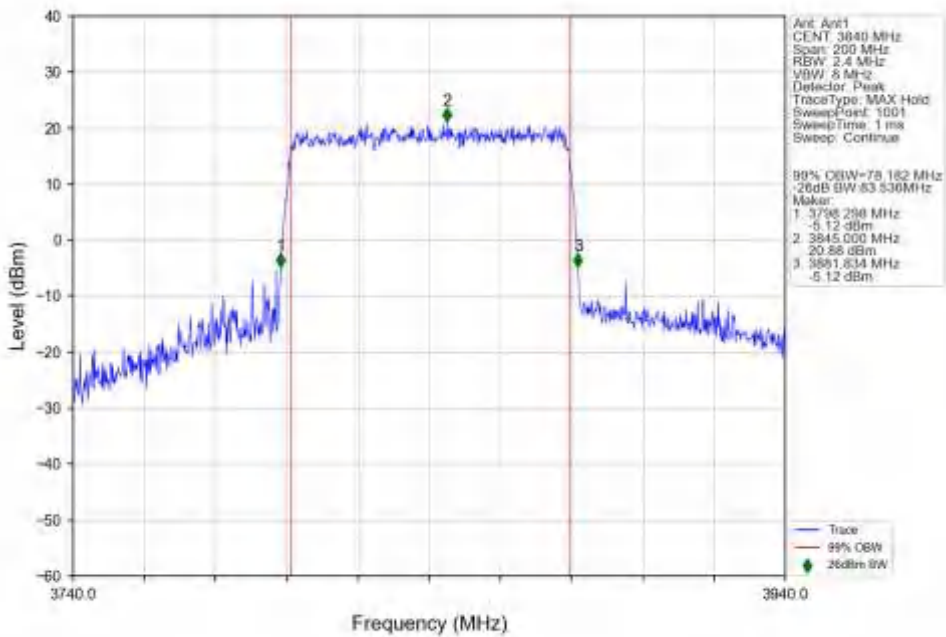
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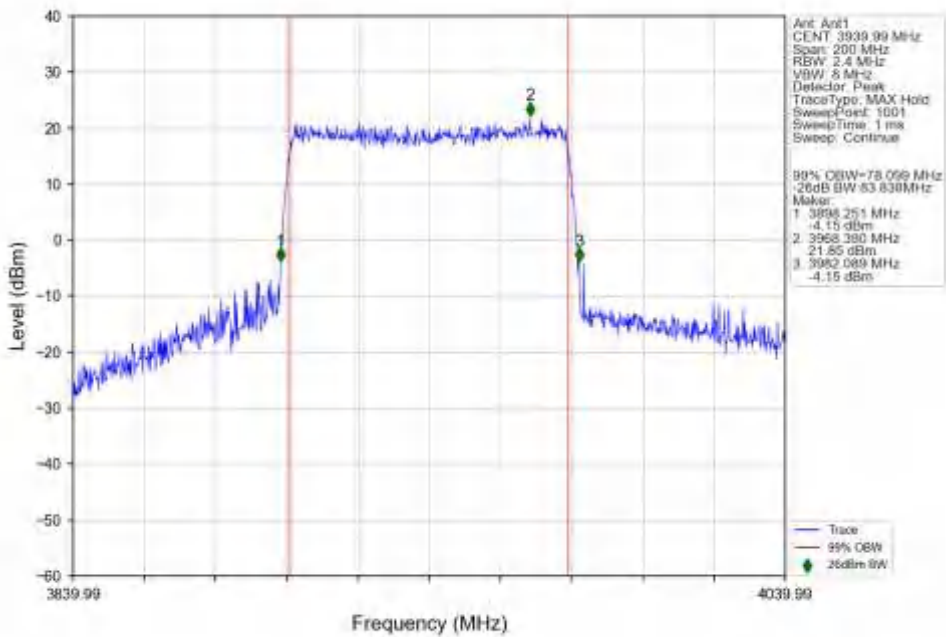
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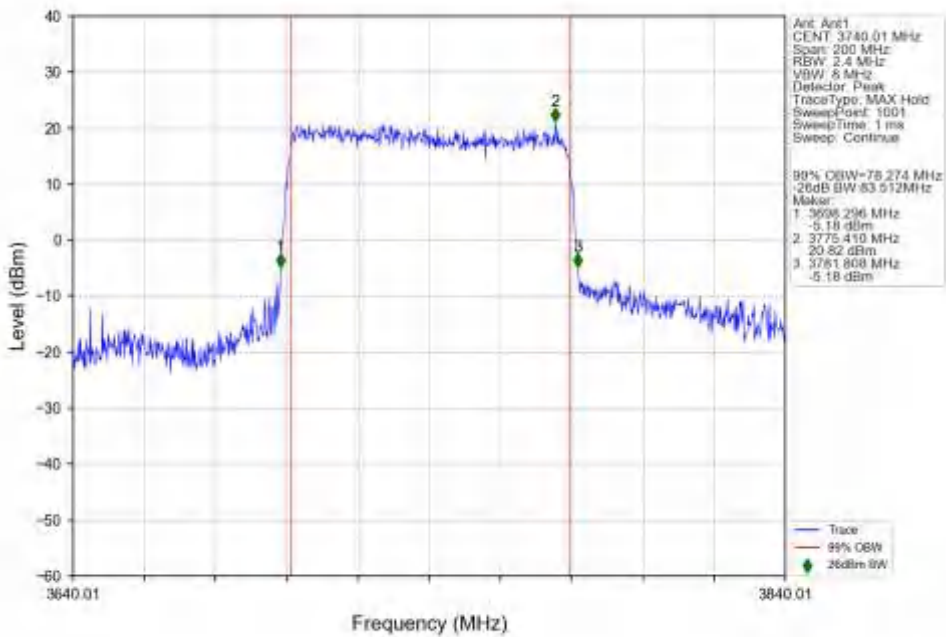
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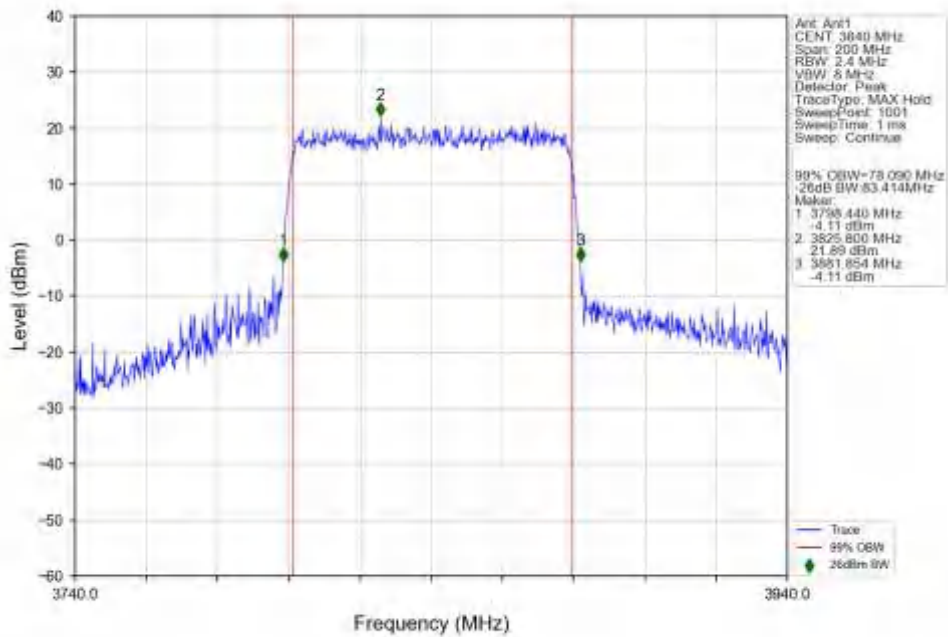
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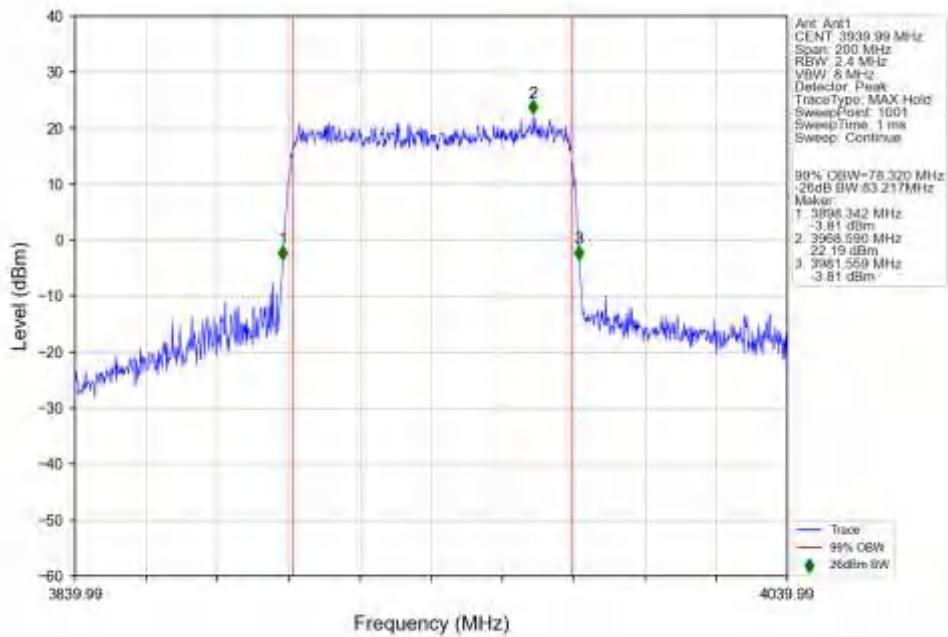
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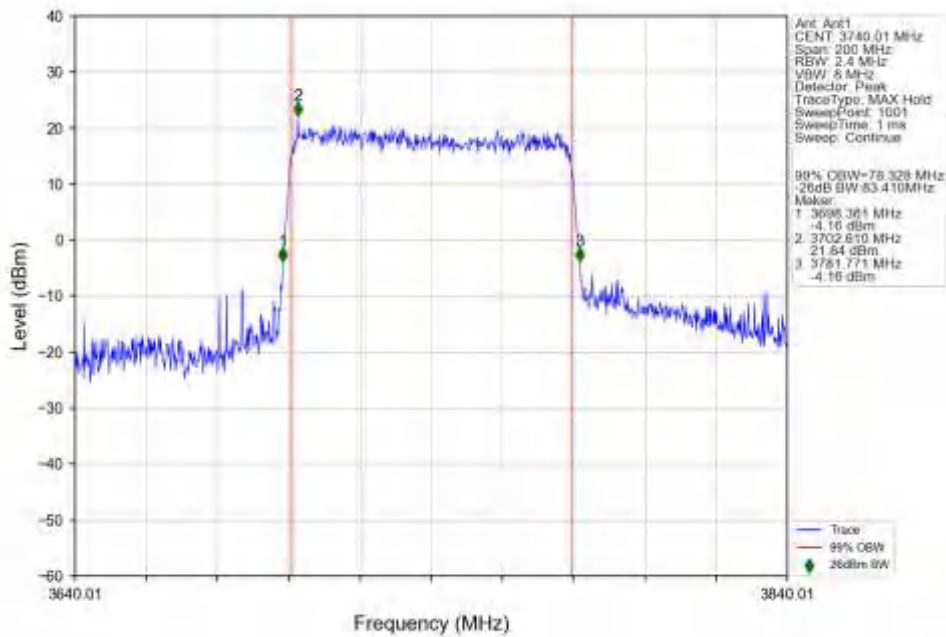
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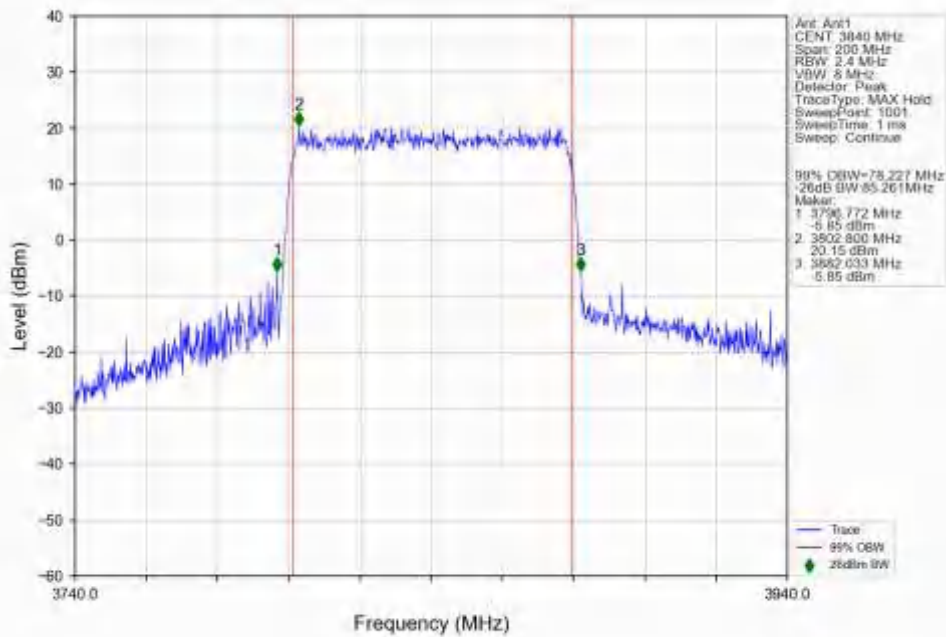
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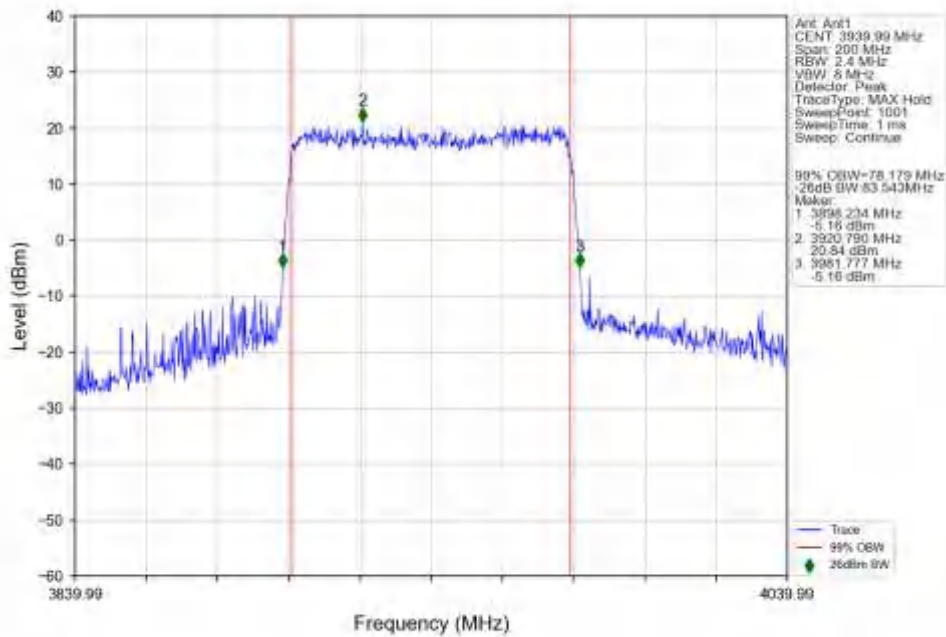
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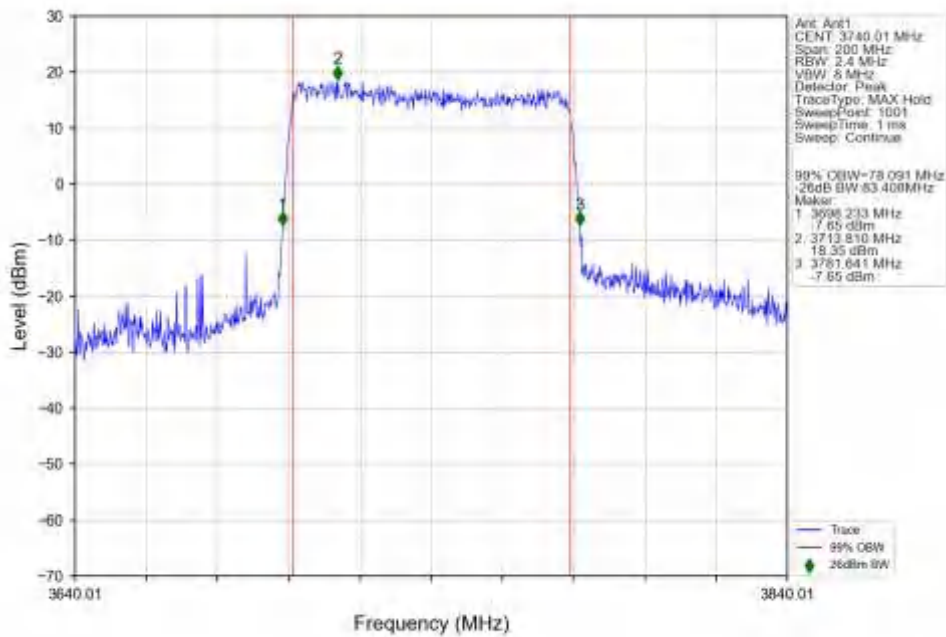
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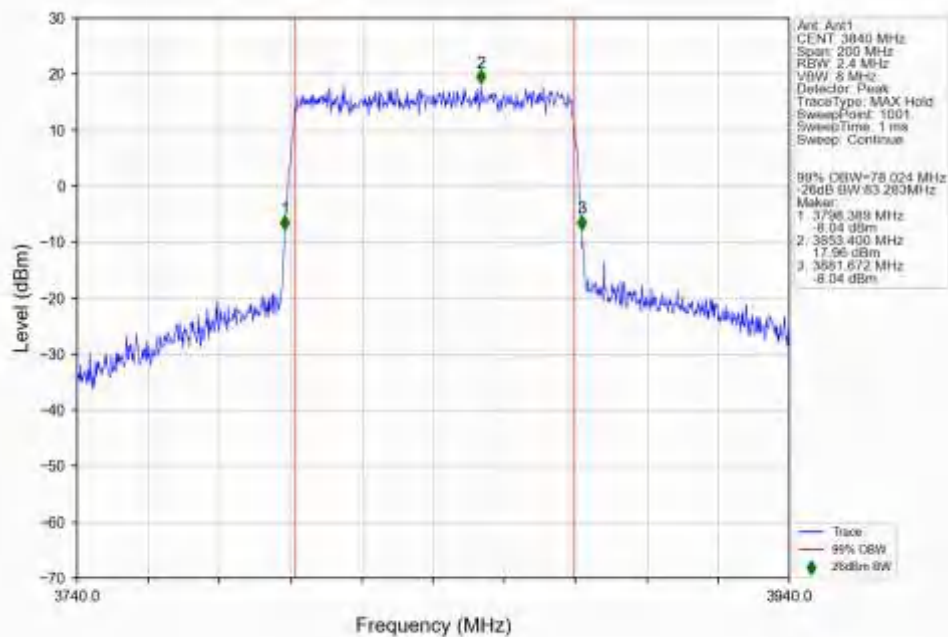
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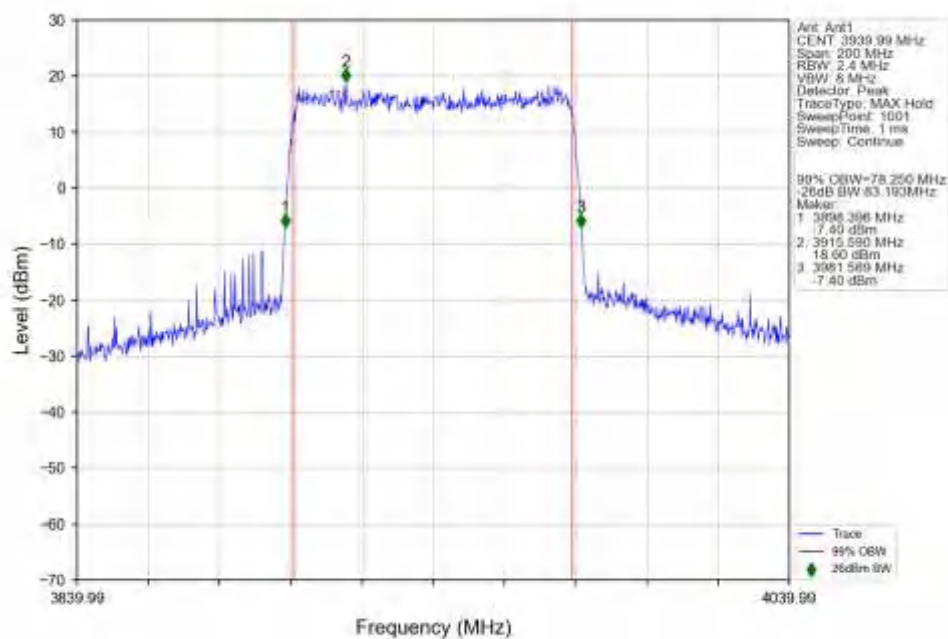
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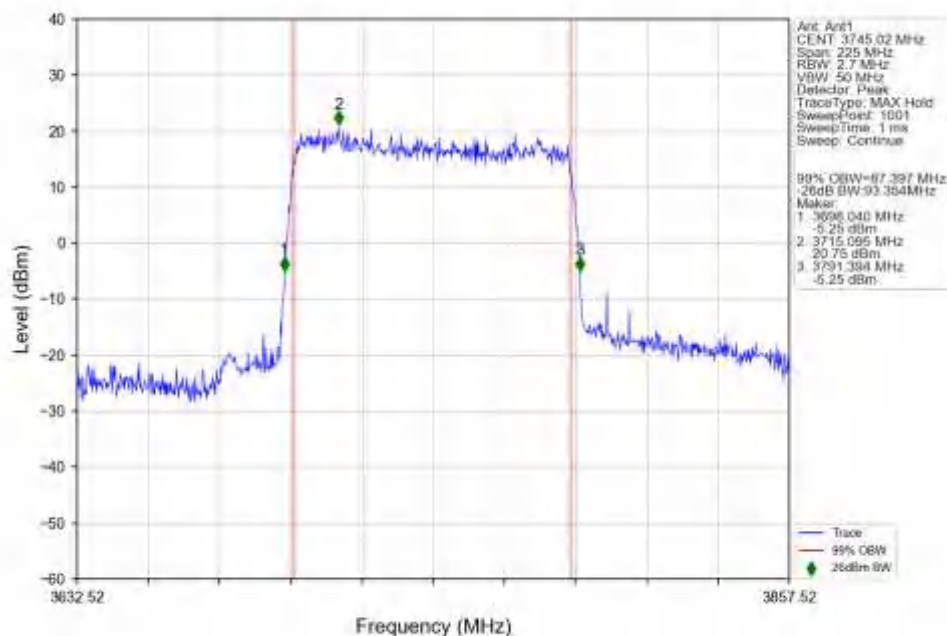


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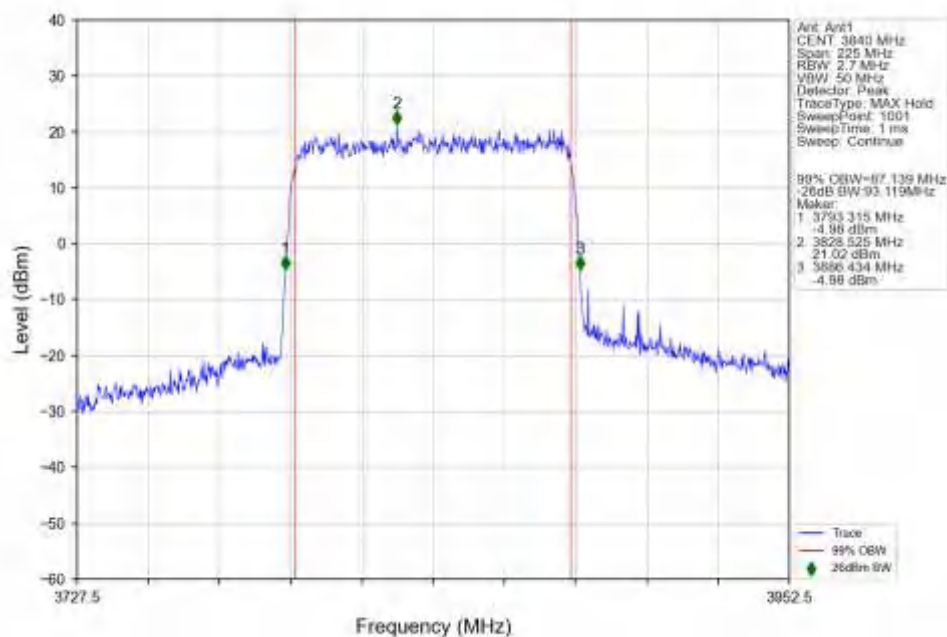


4.2.18 30k_SISO_90MHz_NTNV

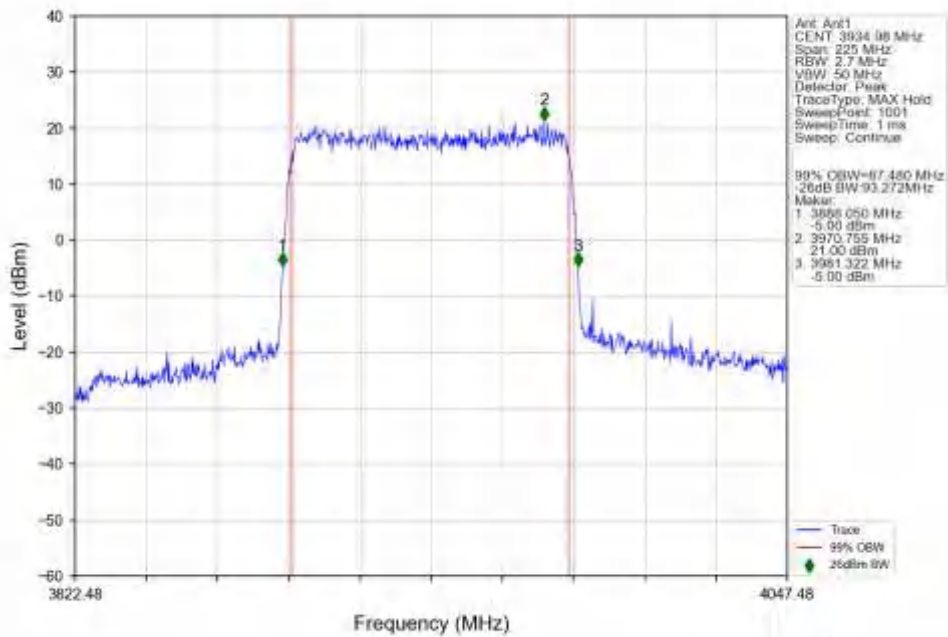
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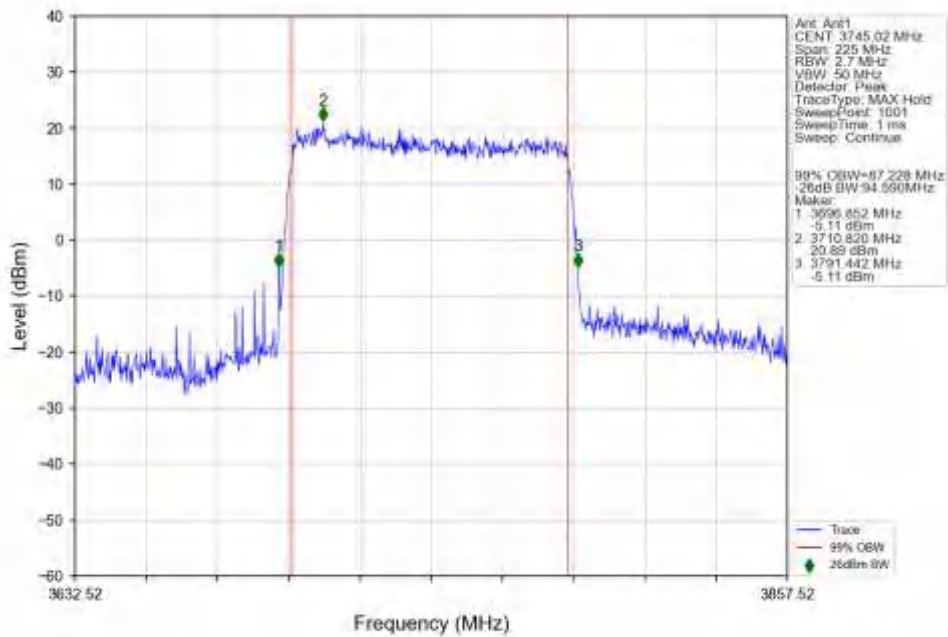
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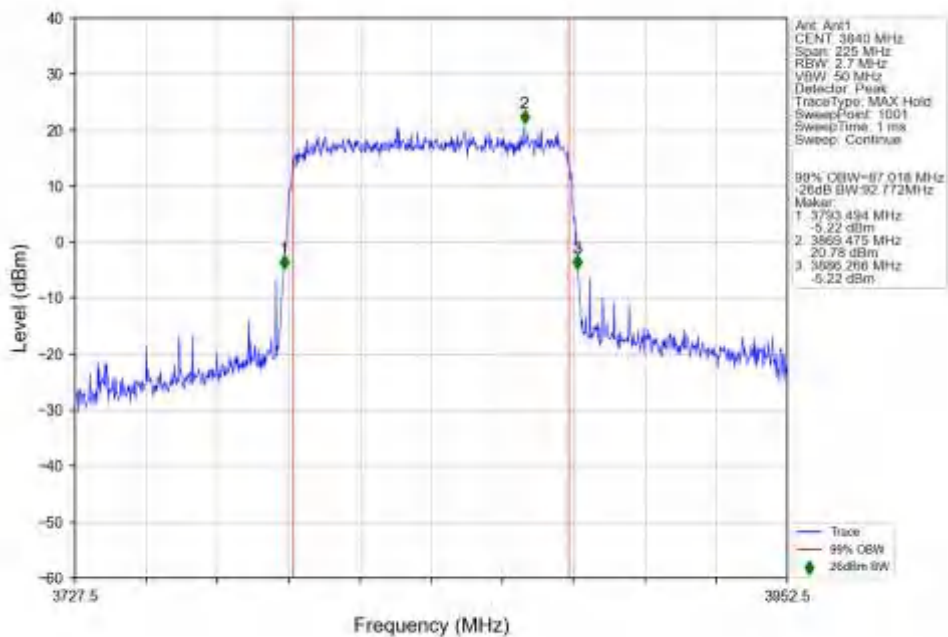
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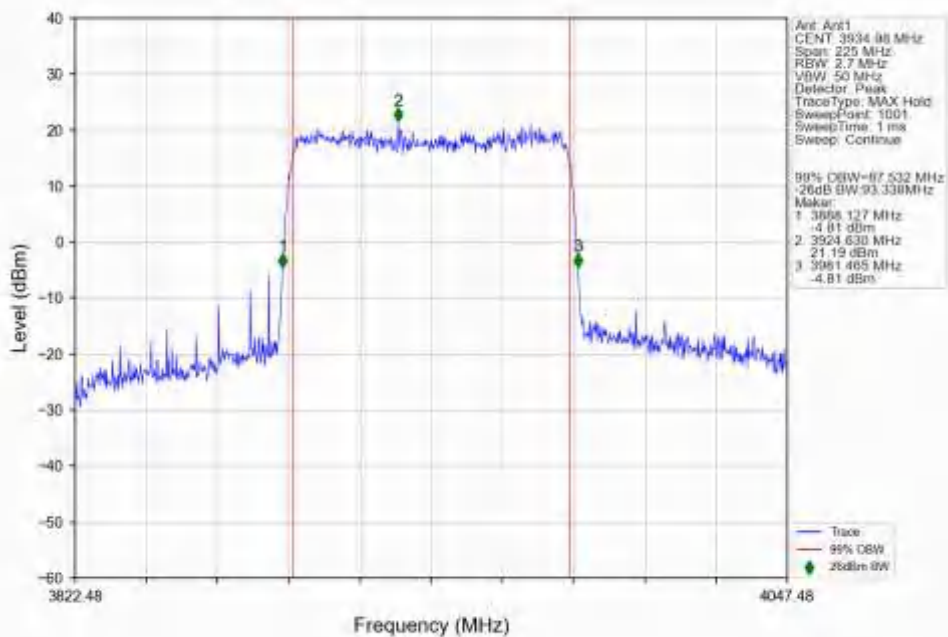
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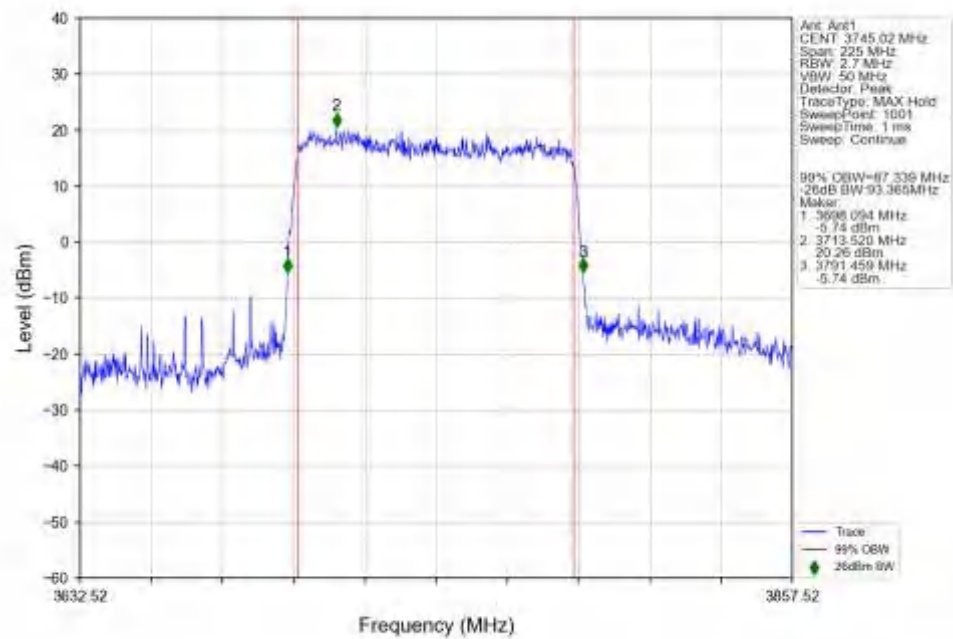
n77a 30kHz SISO NTN 90MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



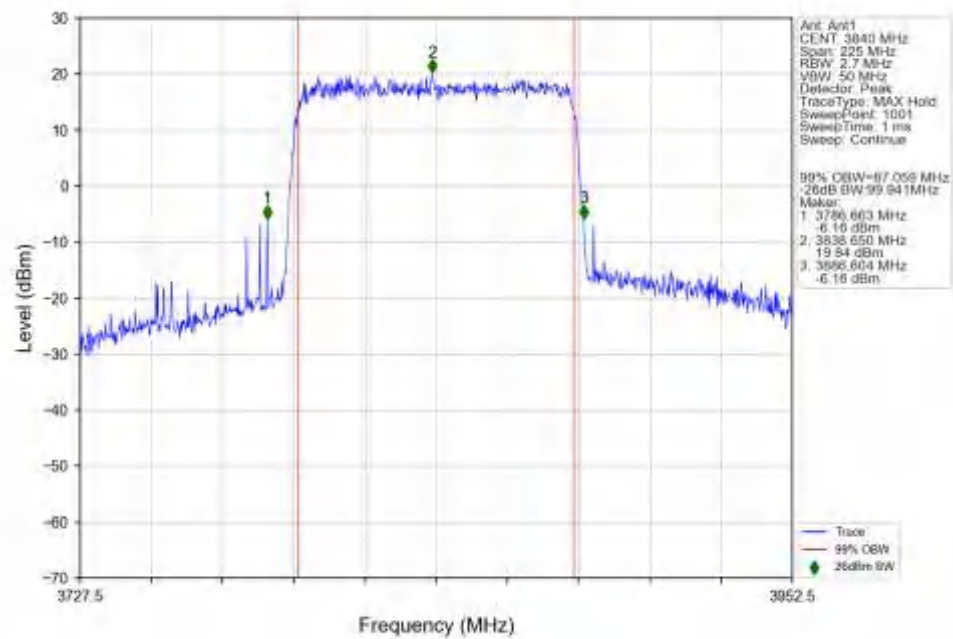
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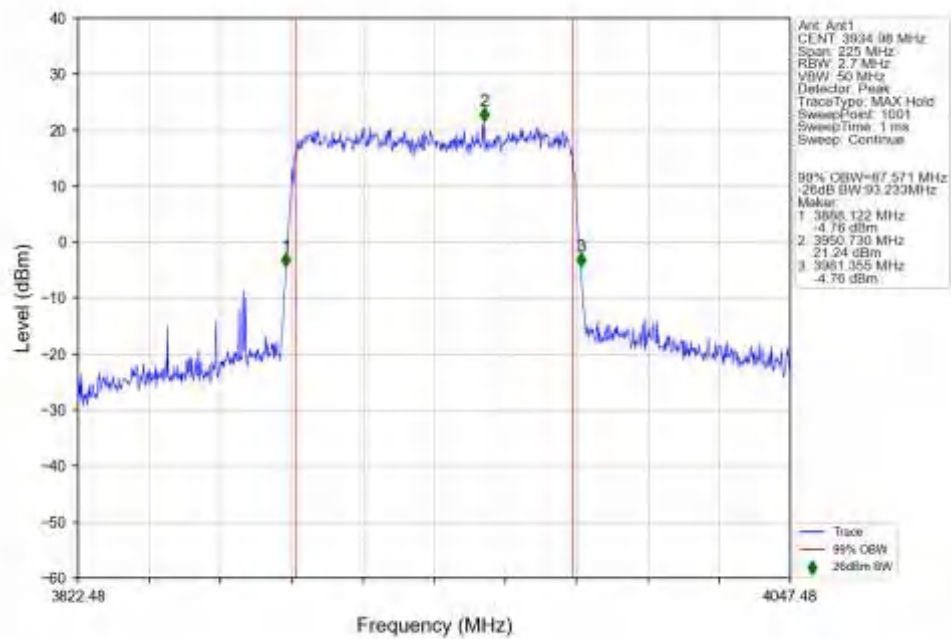
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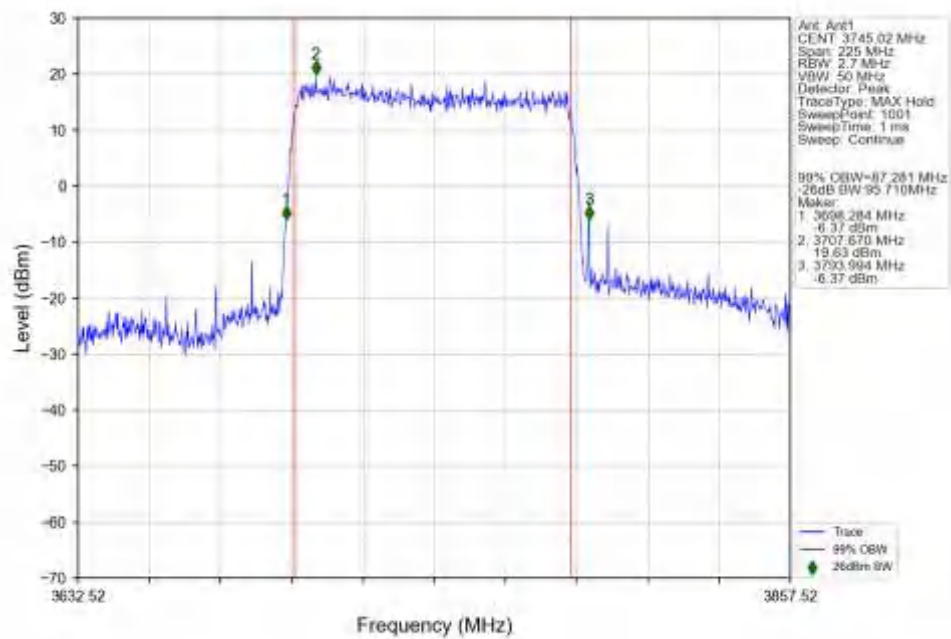
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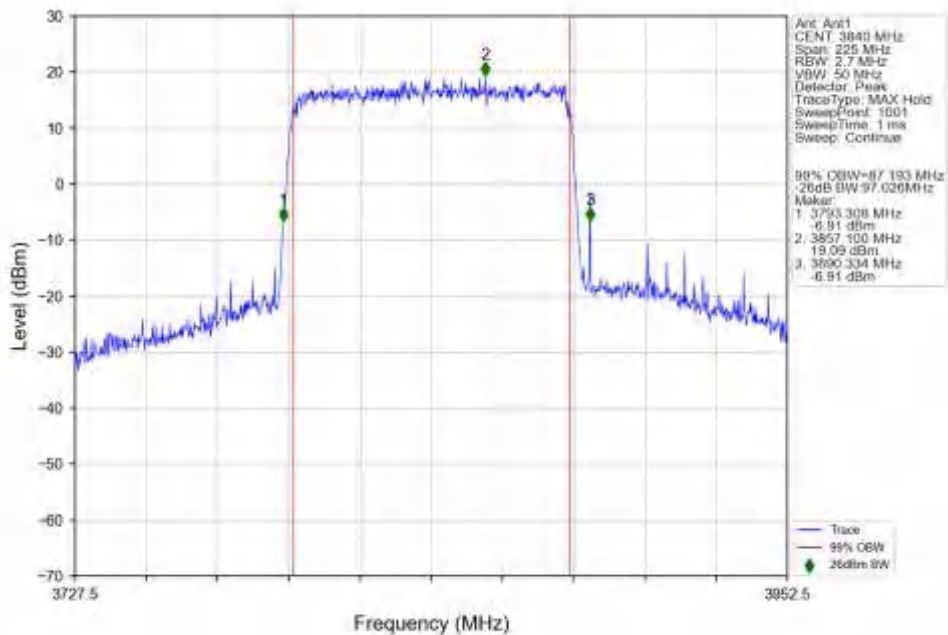
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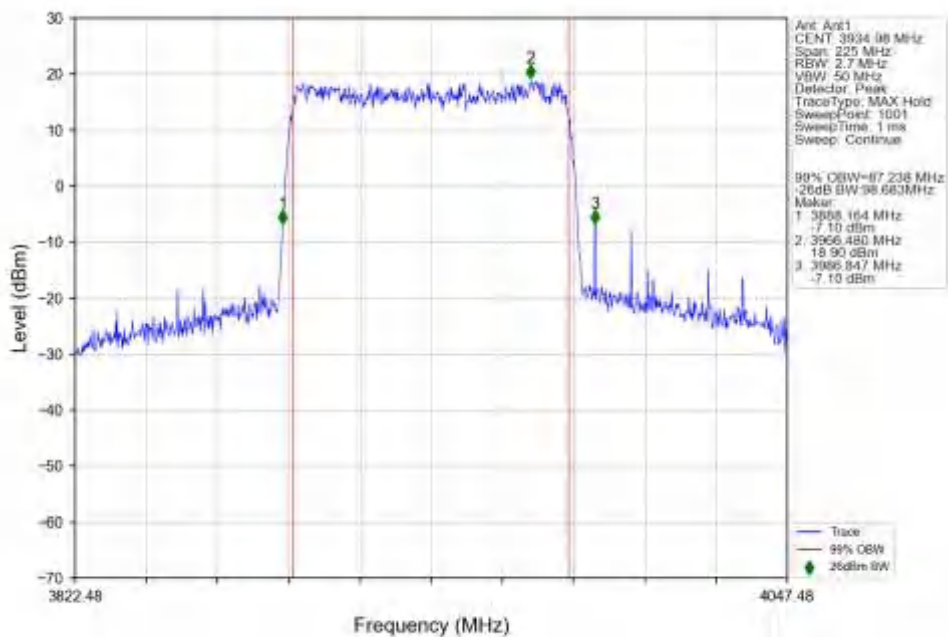
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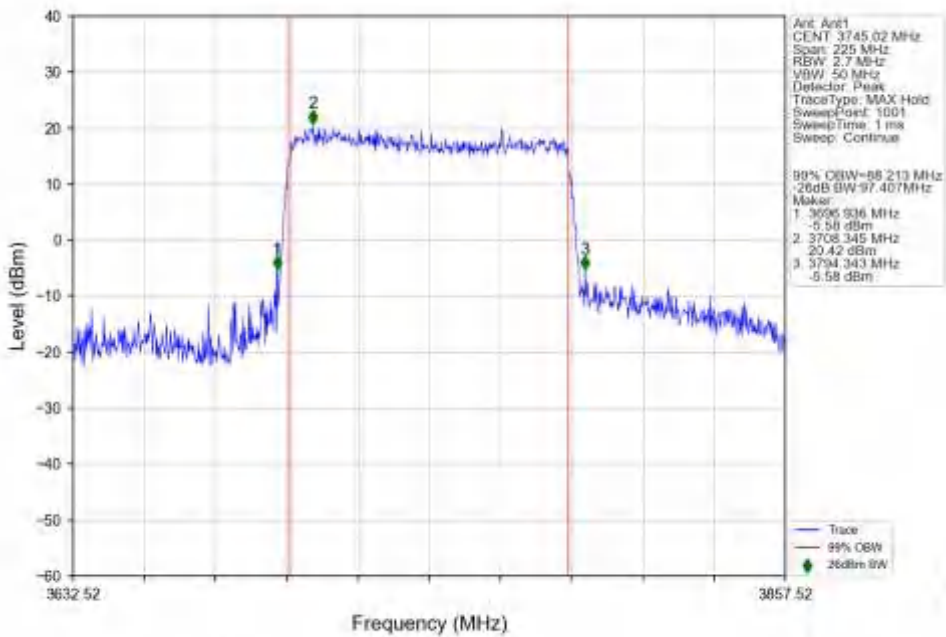
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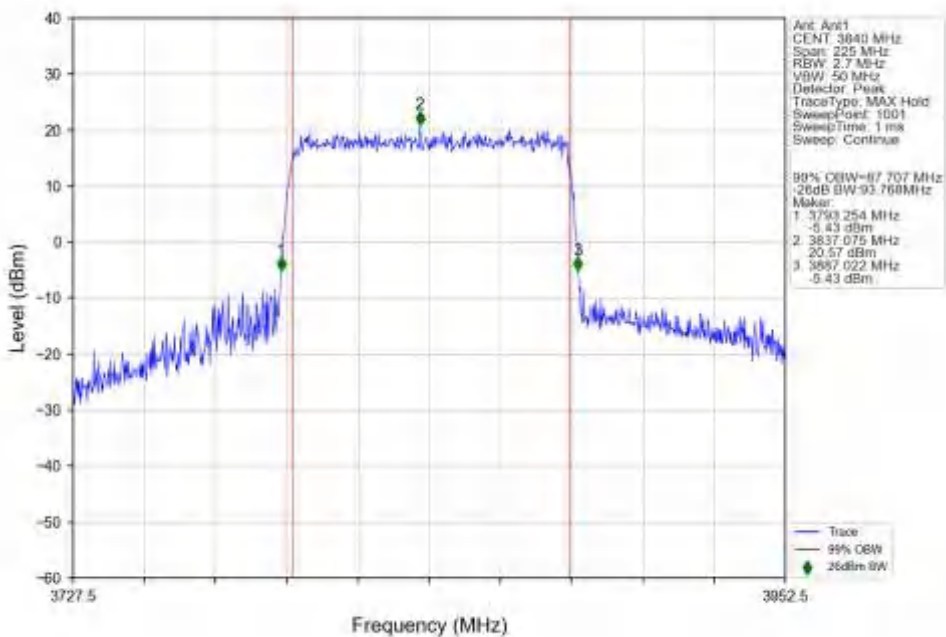
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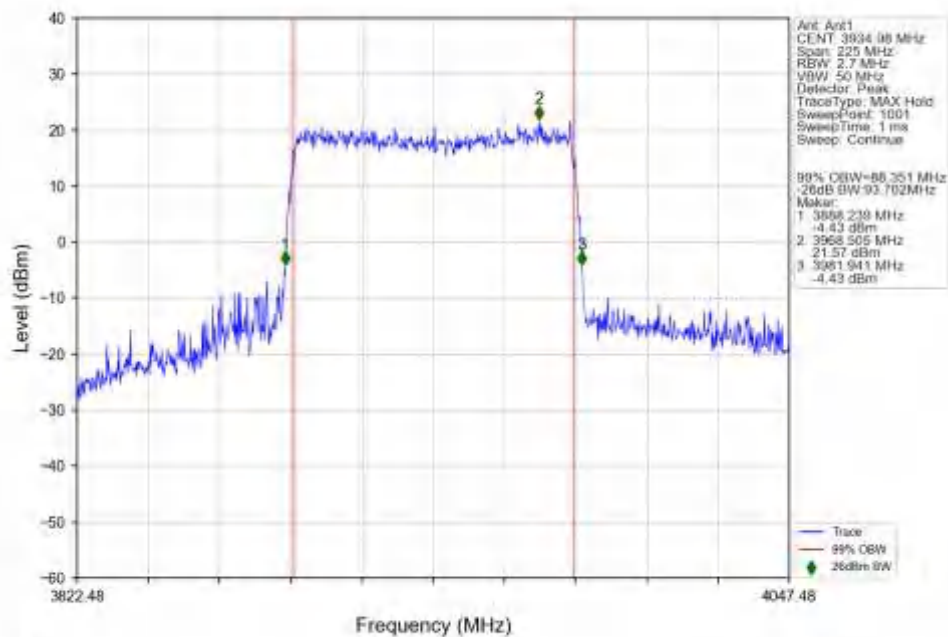
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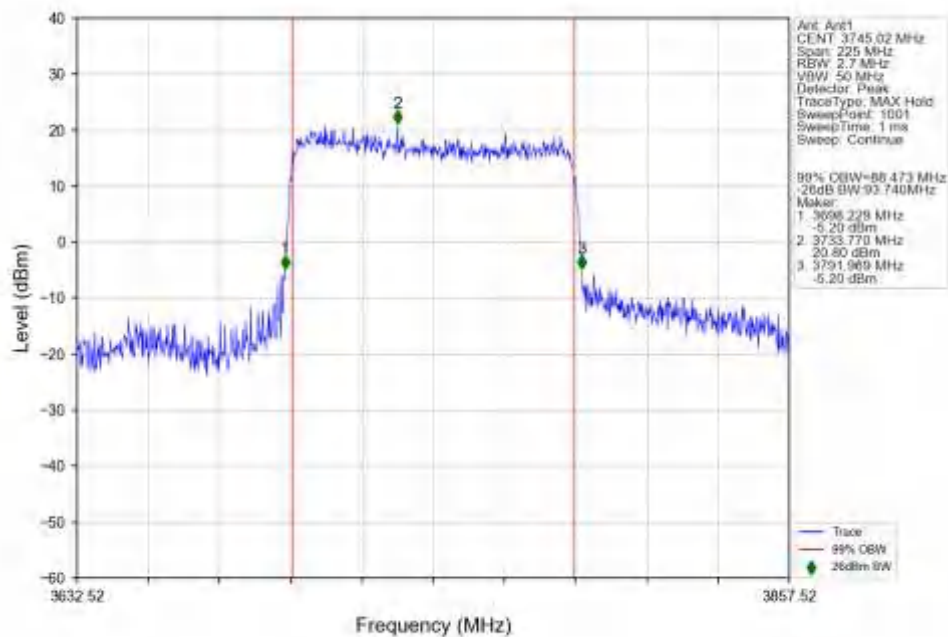
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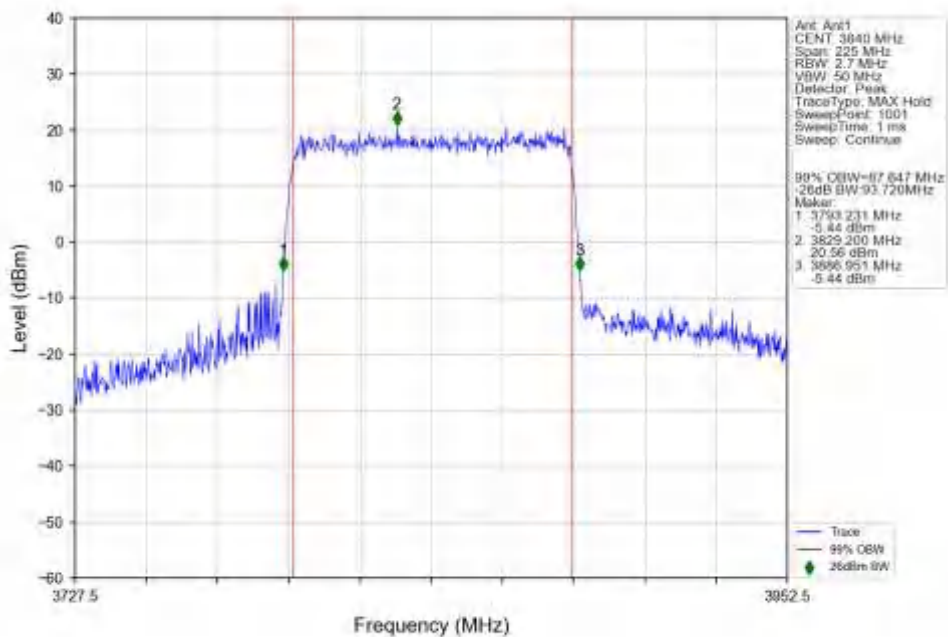
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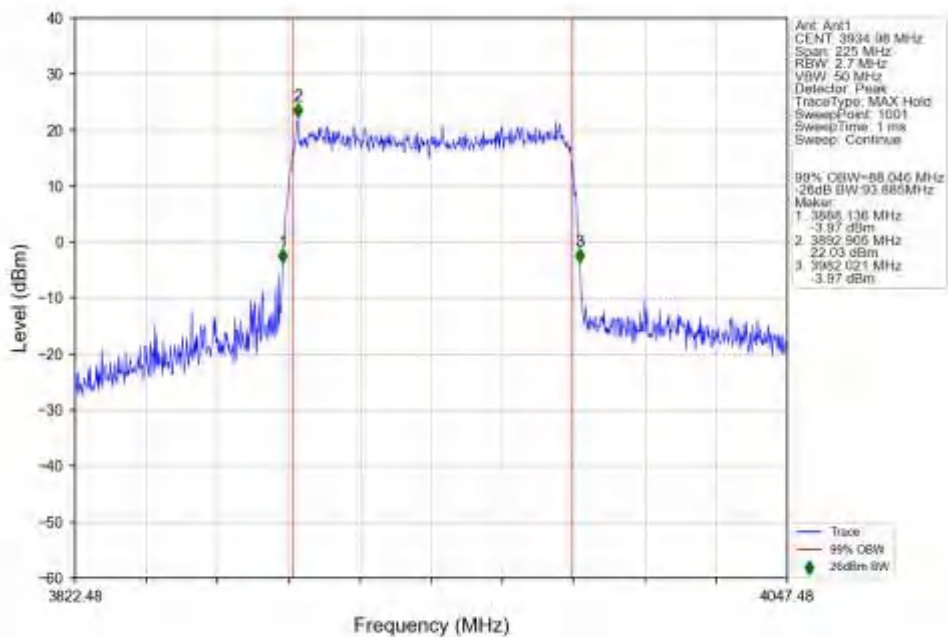
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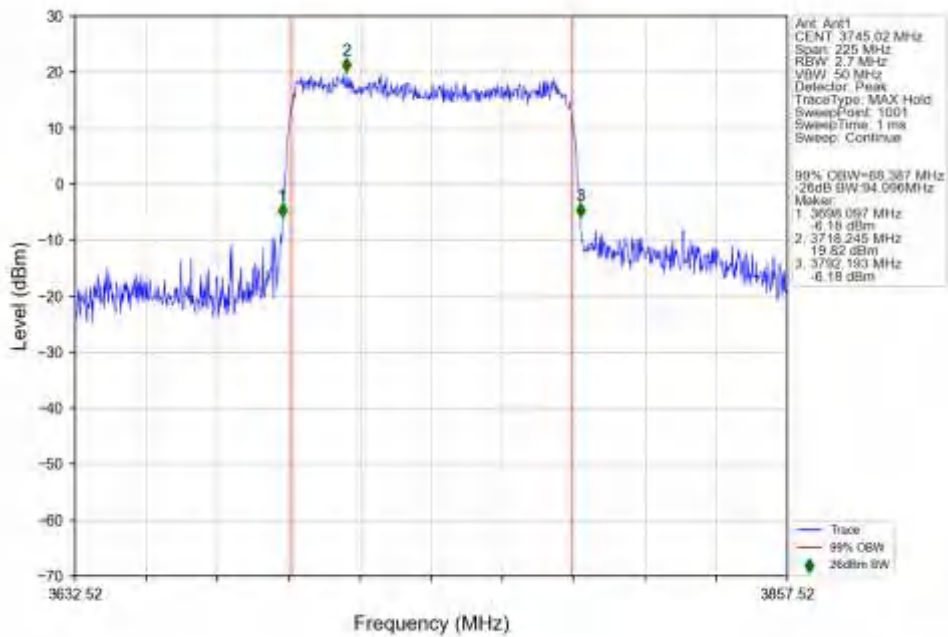
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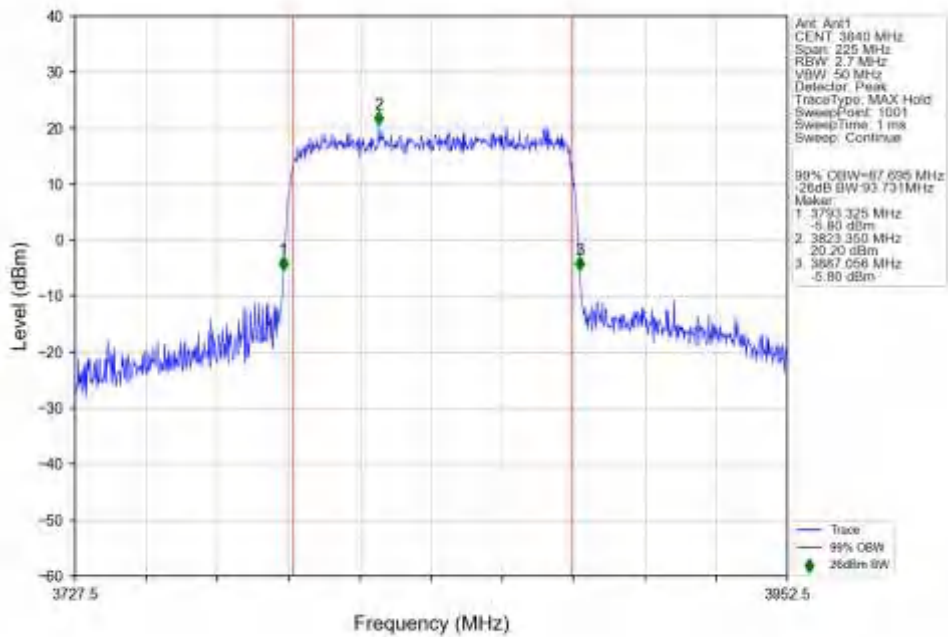
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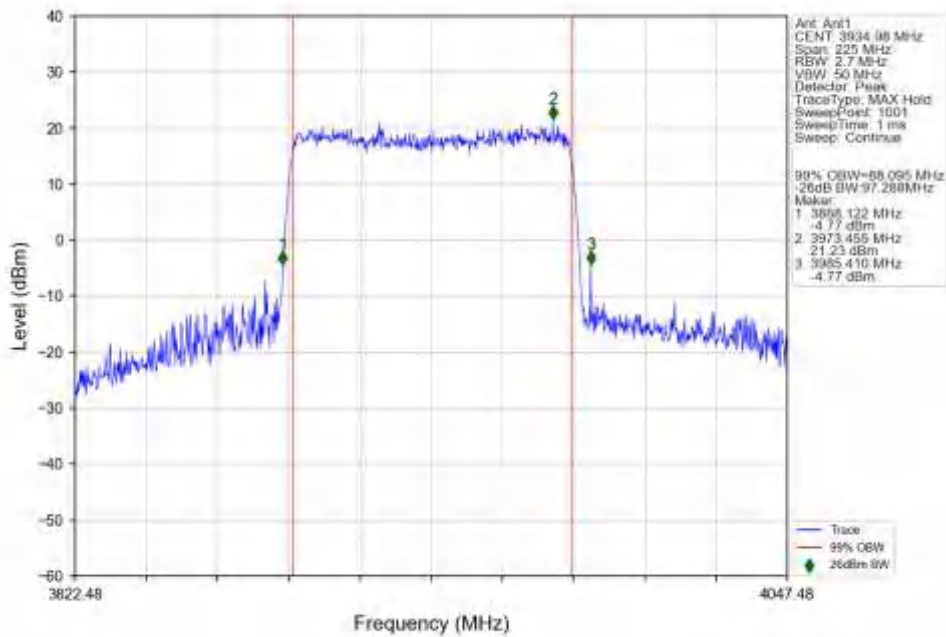
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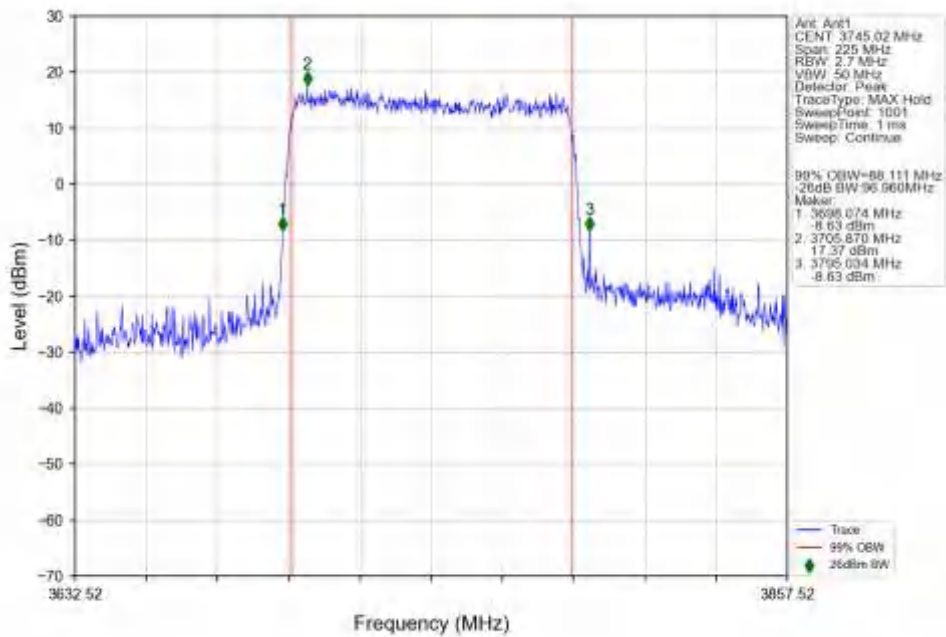
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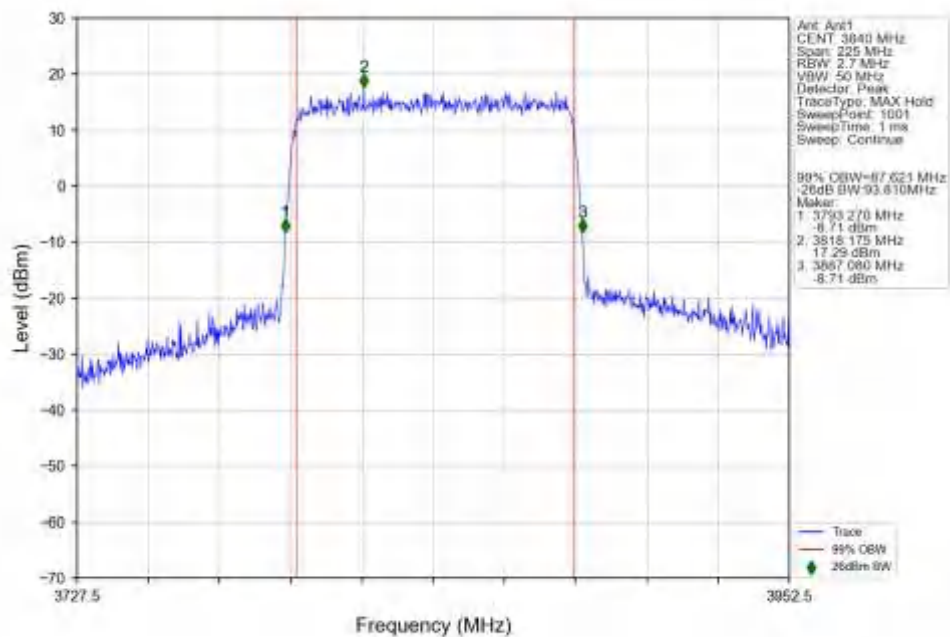
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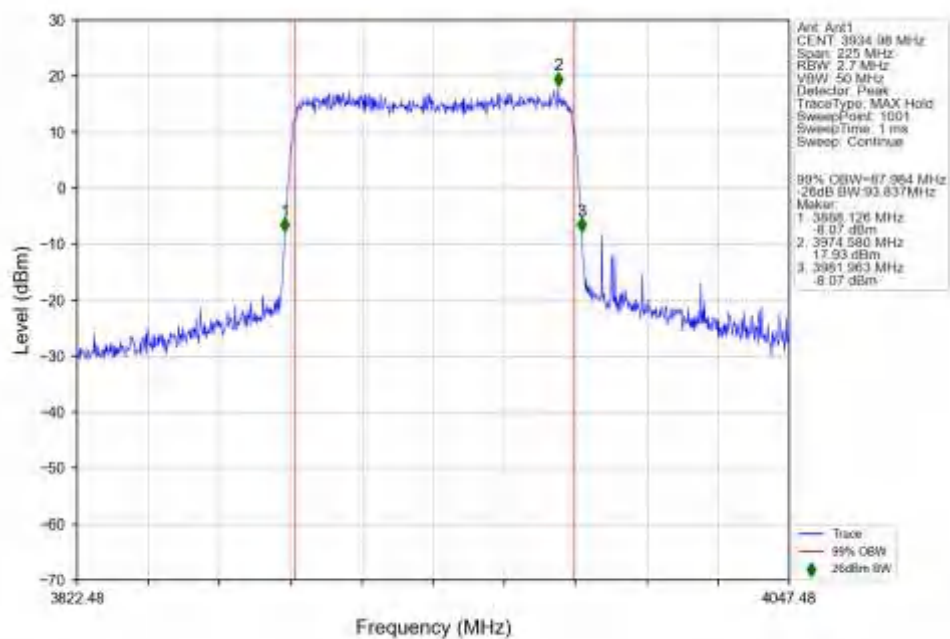
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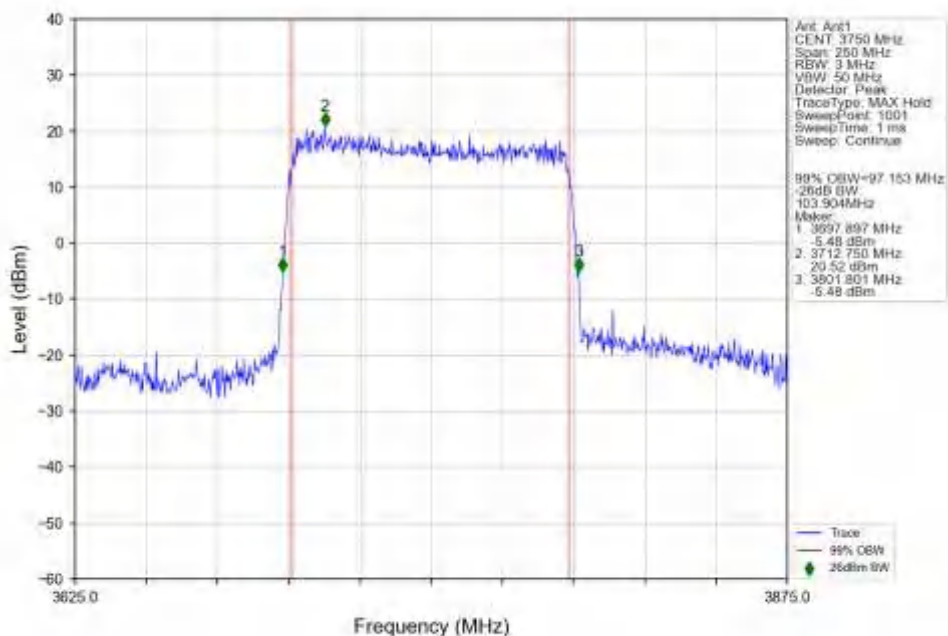


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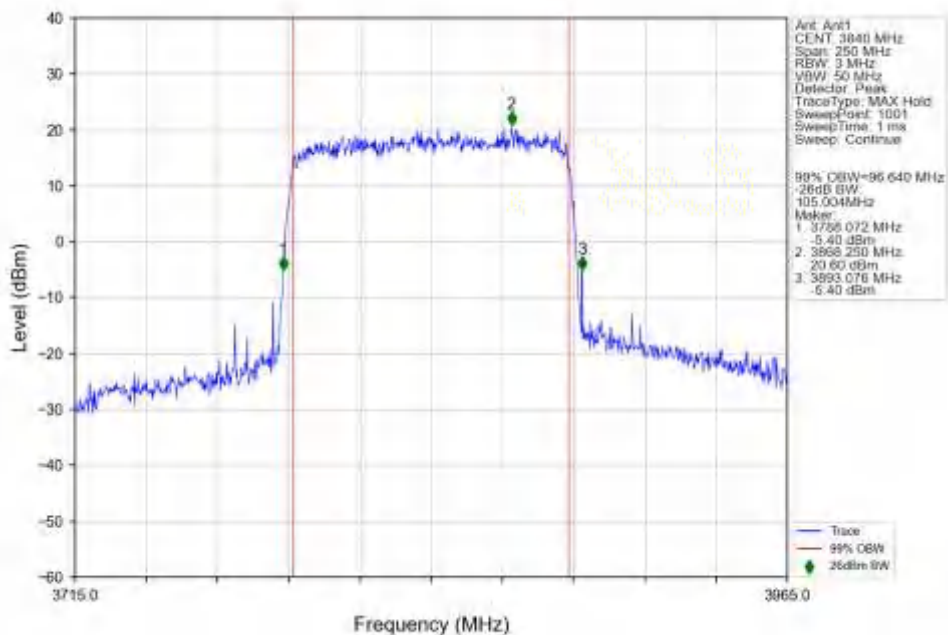


4.2.19 30k_SISO_100MHz_NTNV

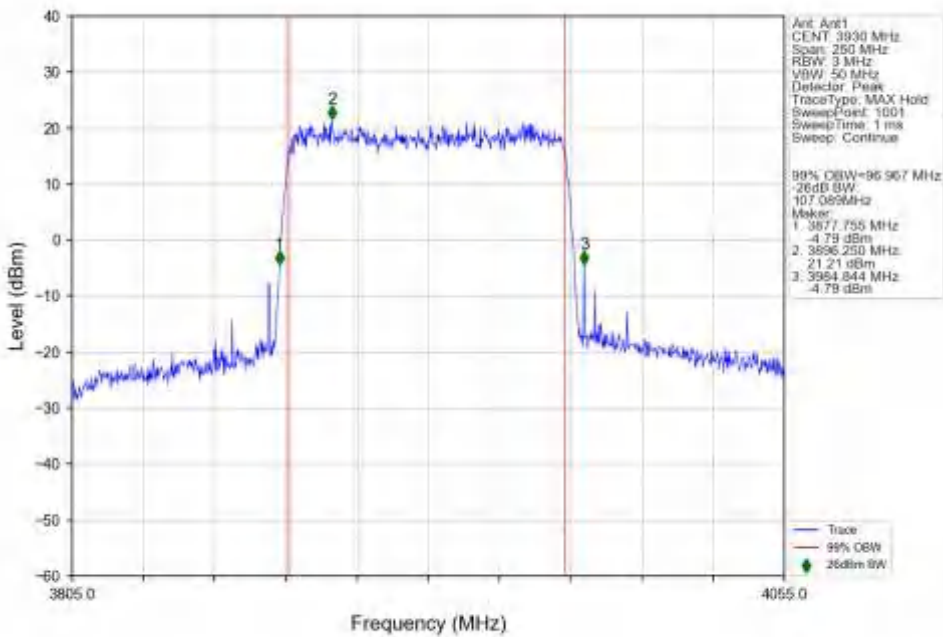
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant1



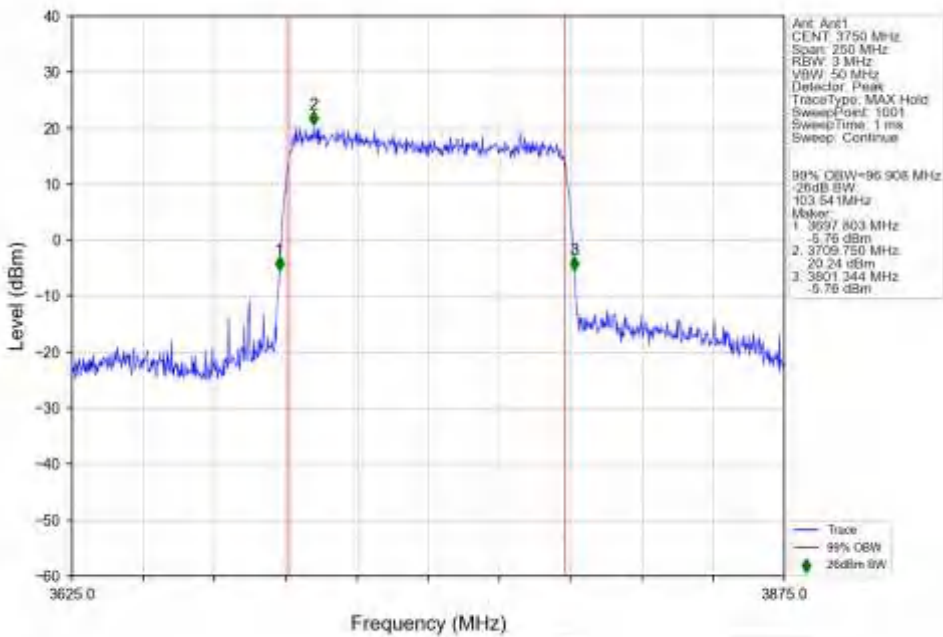
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3840MHz_Outer_Full_Ant1



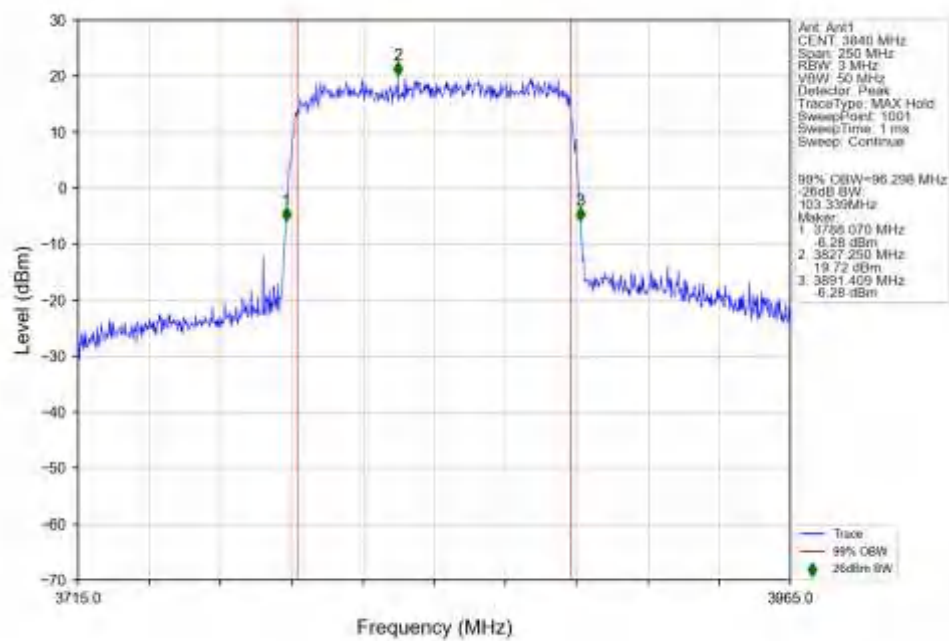
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant1



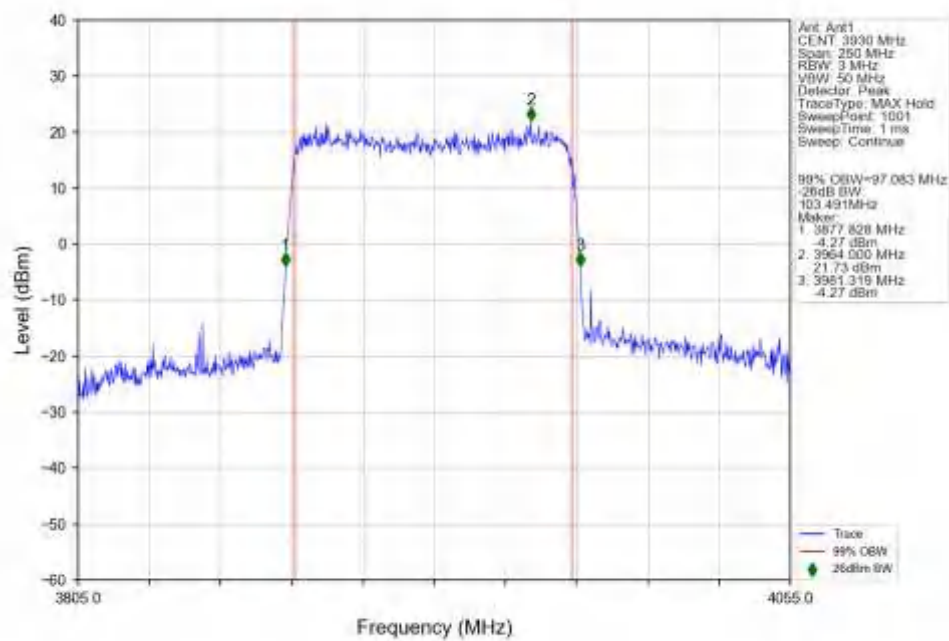
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant1



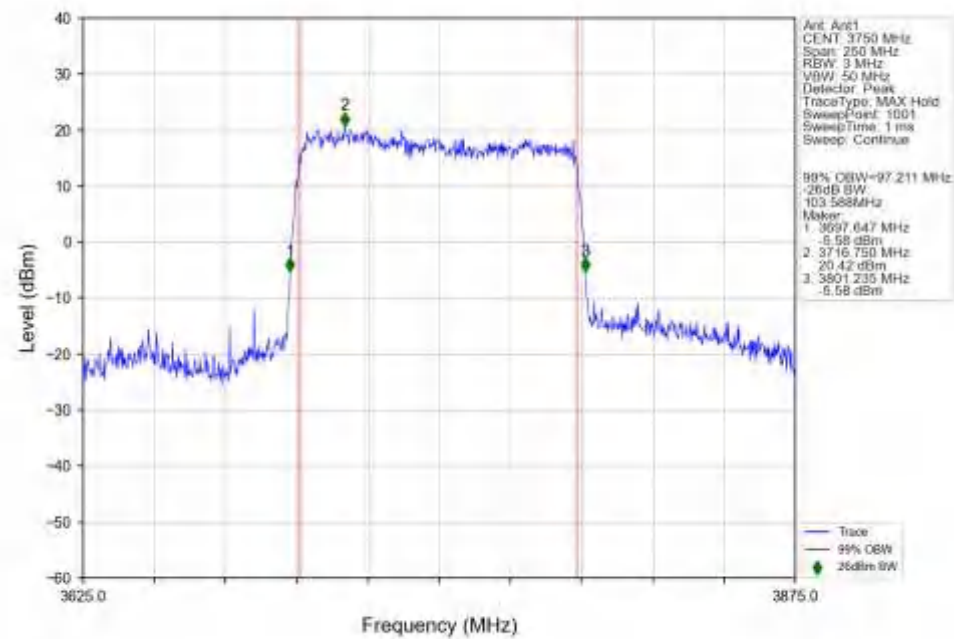
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



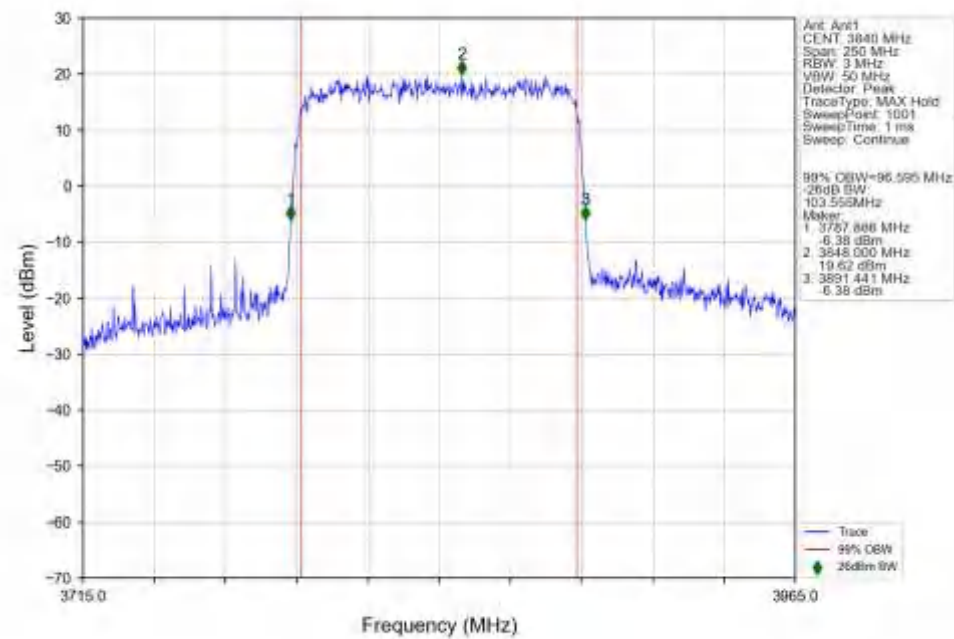
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3930MHz_Outer_Full_Ant1



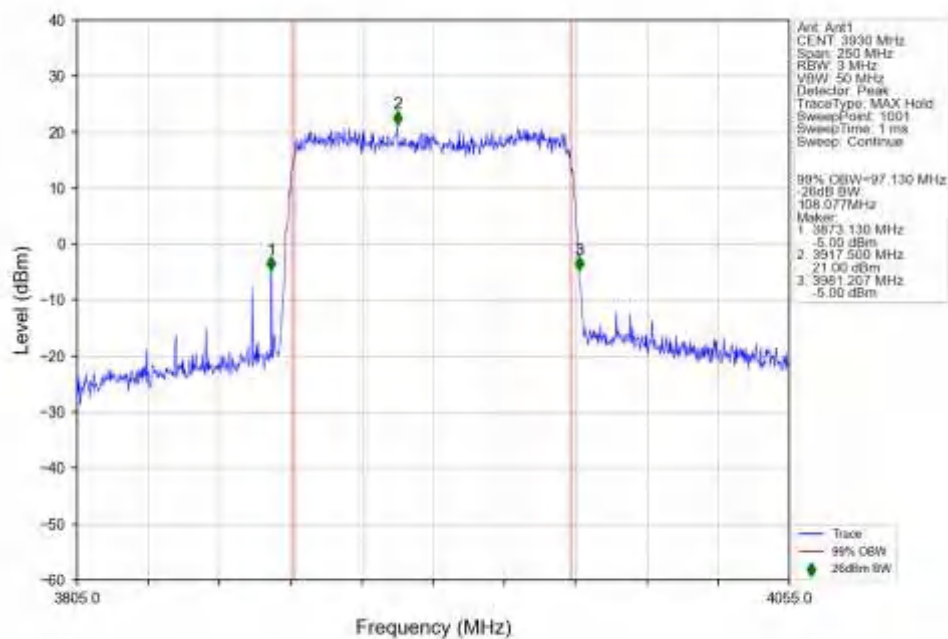
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant1



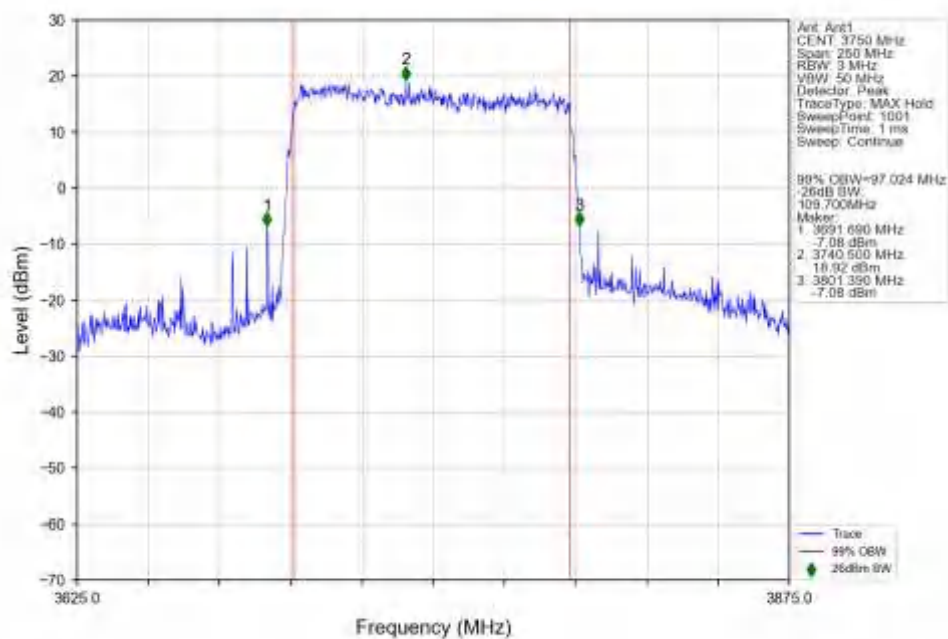
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



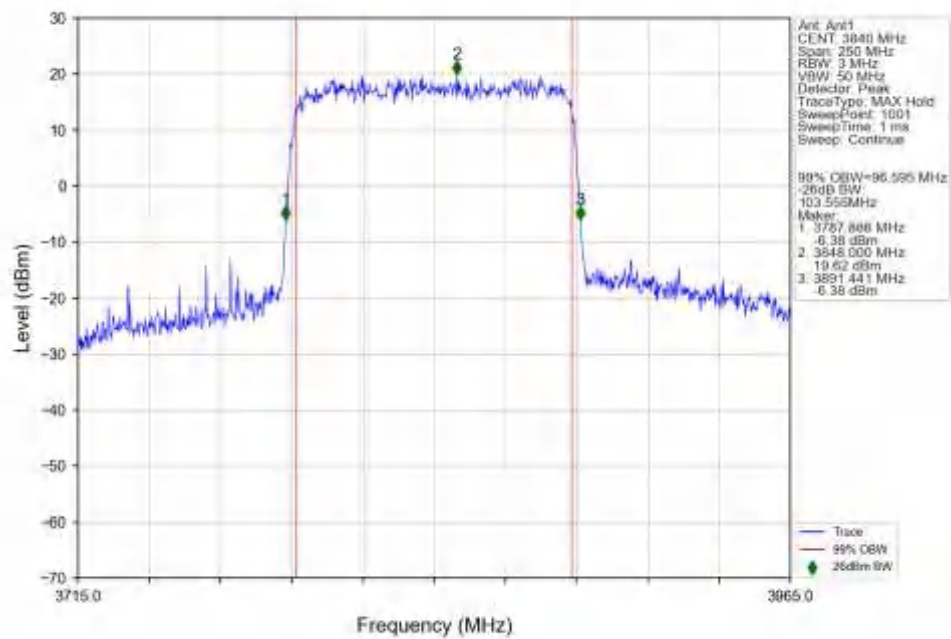
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3930MHz_Outer_Full_Ant1



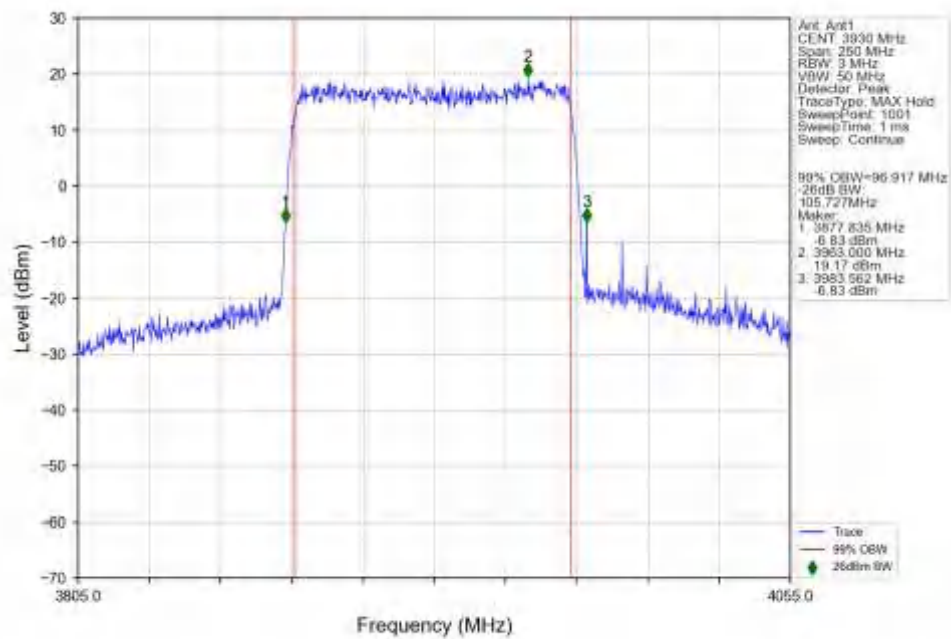
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



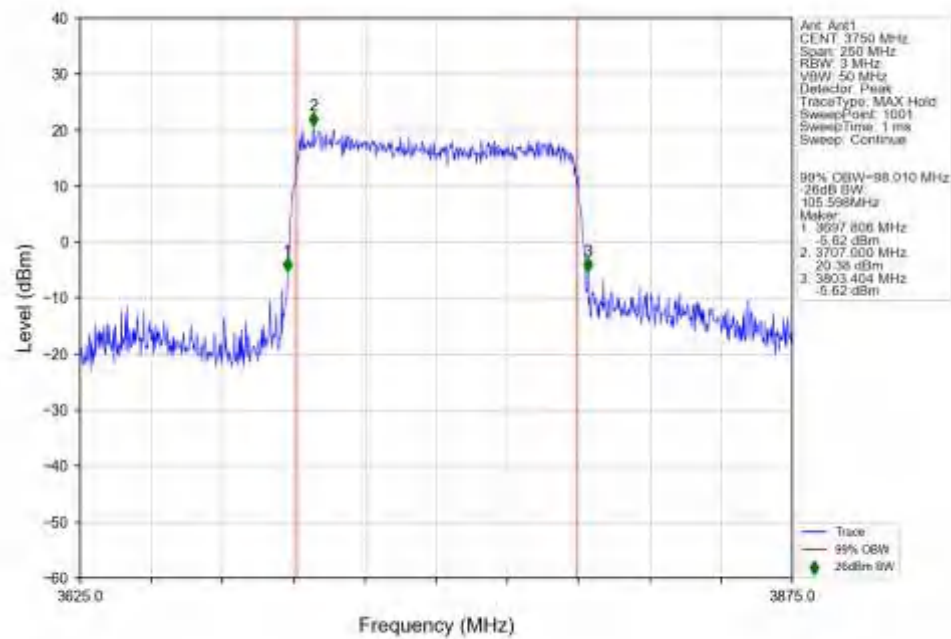
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



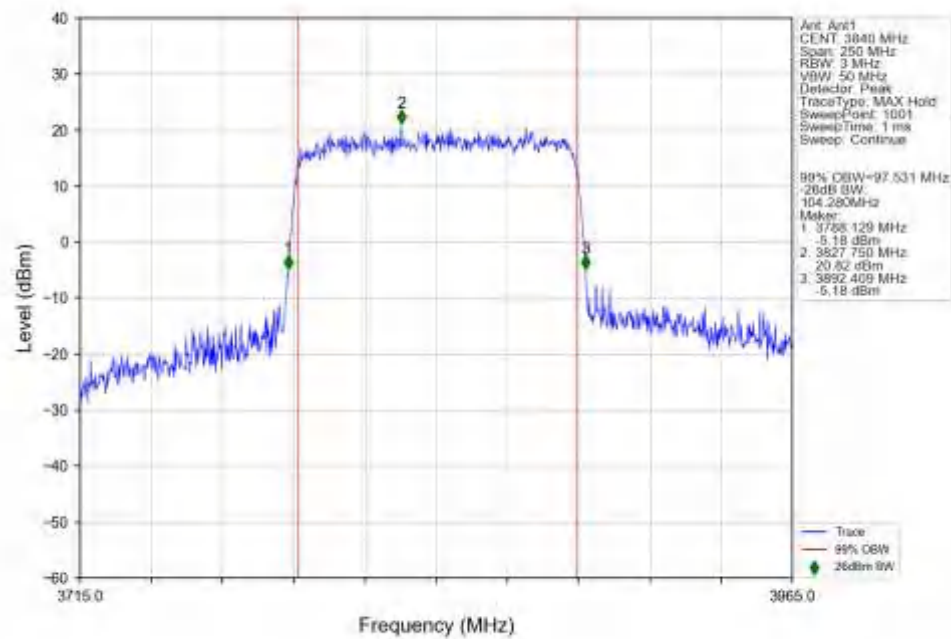
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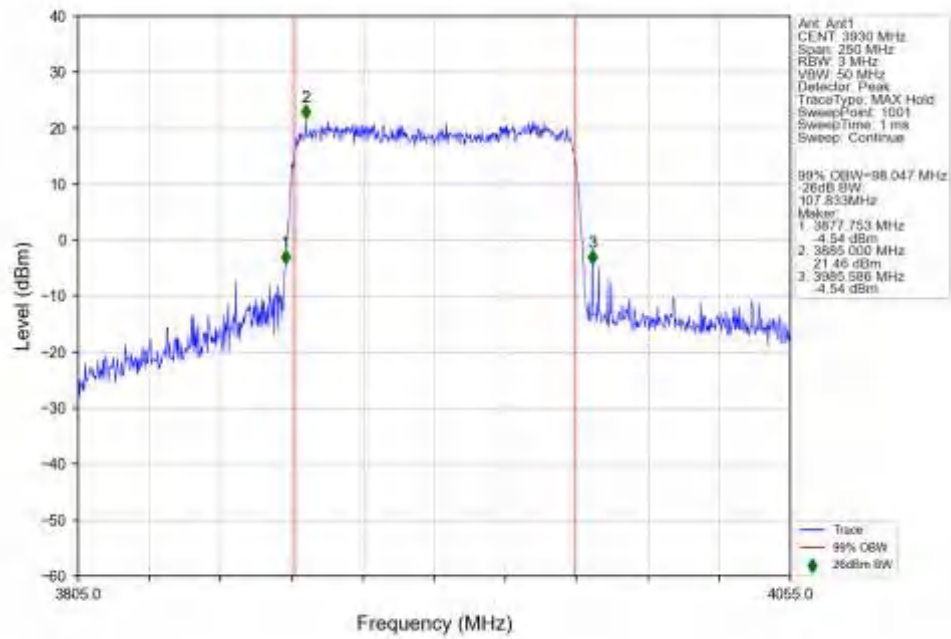
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant1



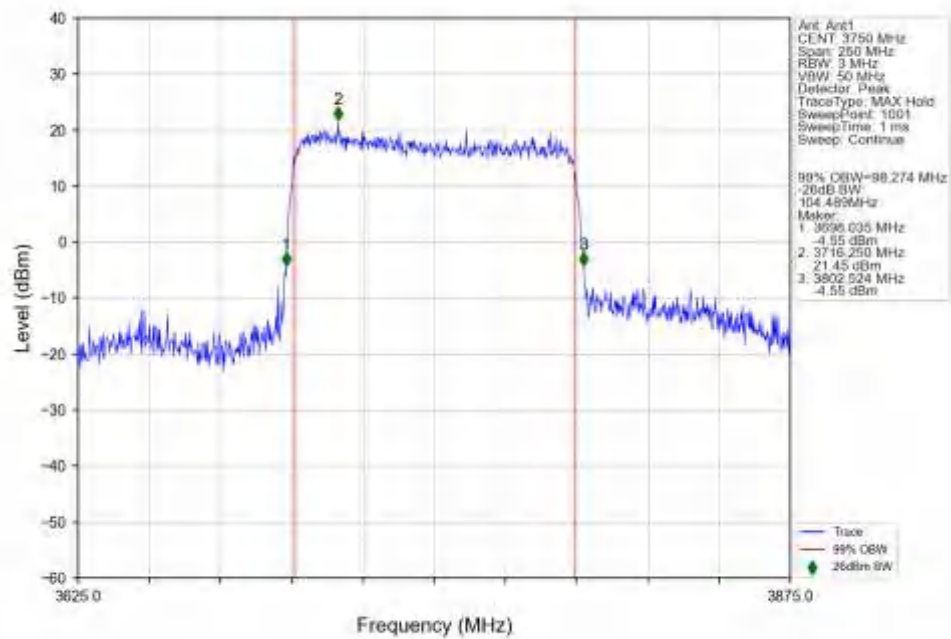
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



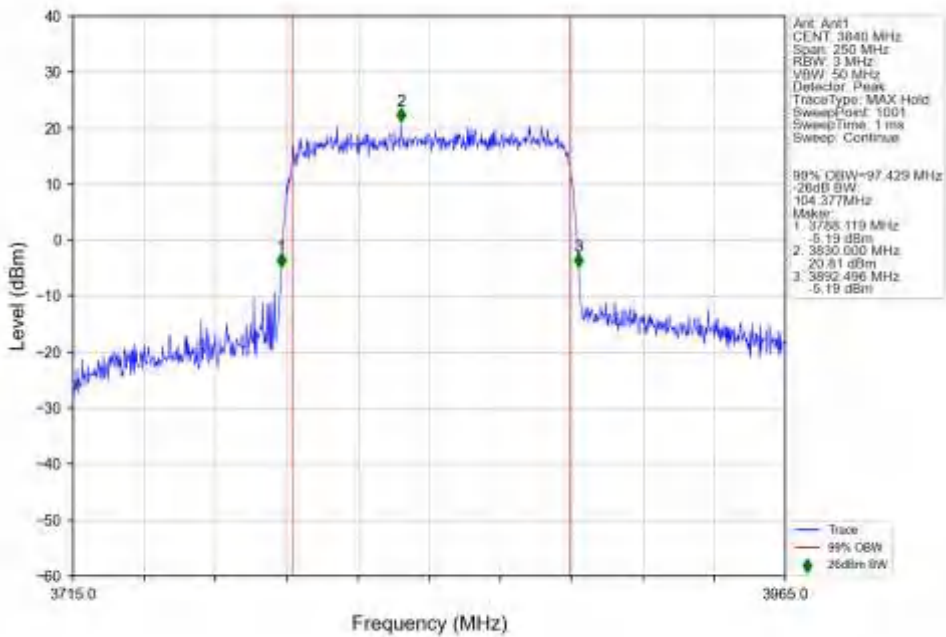
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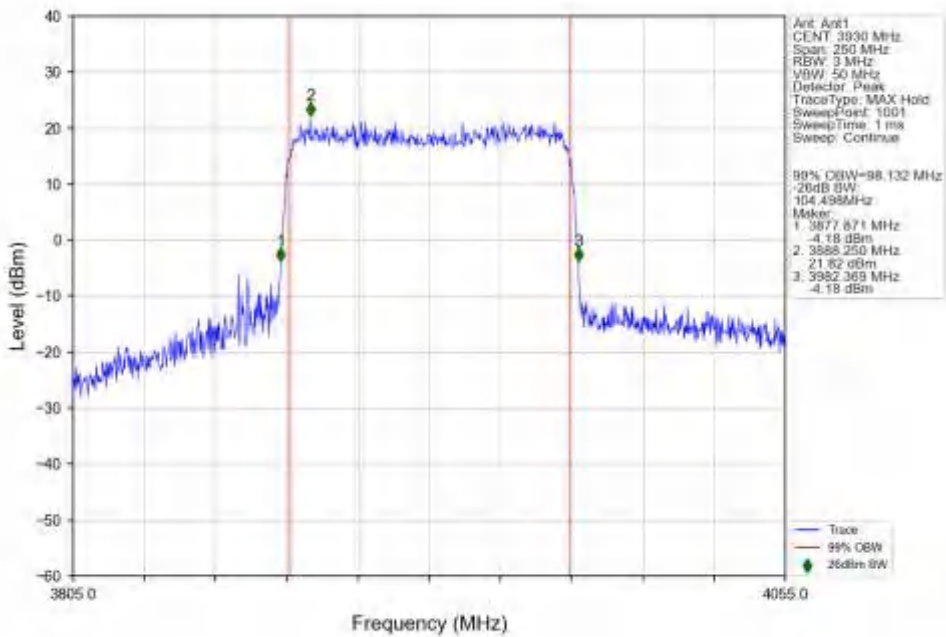
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full_Ant1



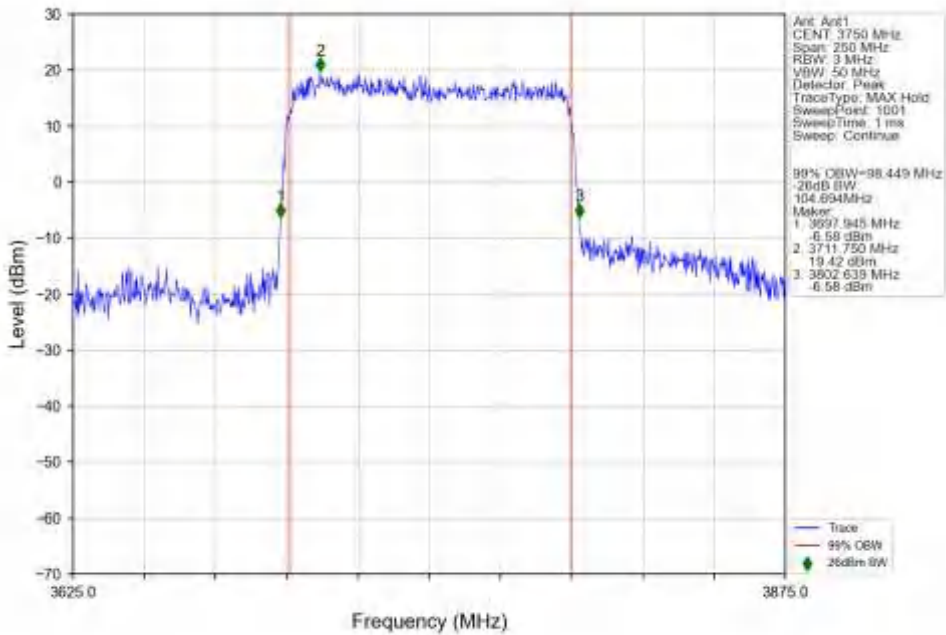
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



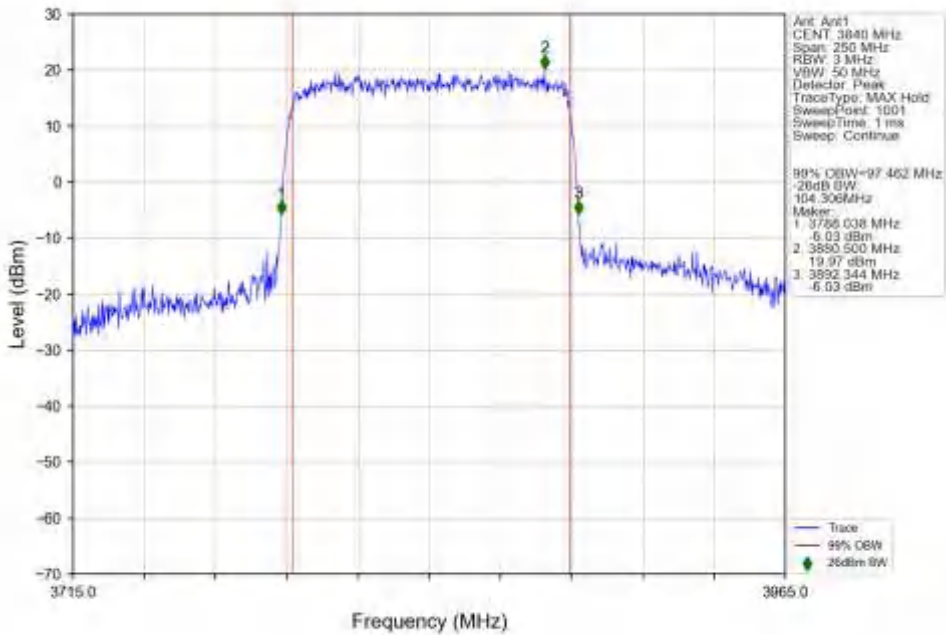
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3930MHz_Outer_Full_Ant1



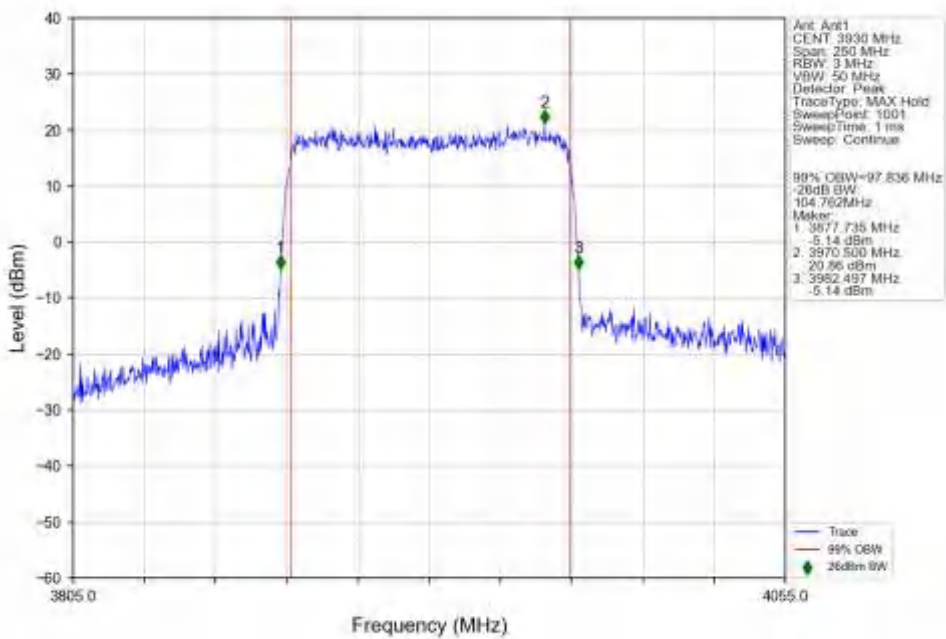
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full_Ant1



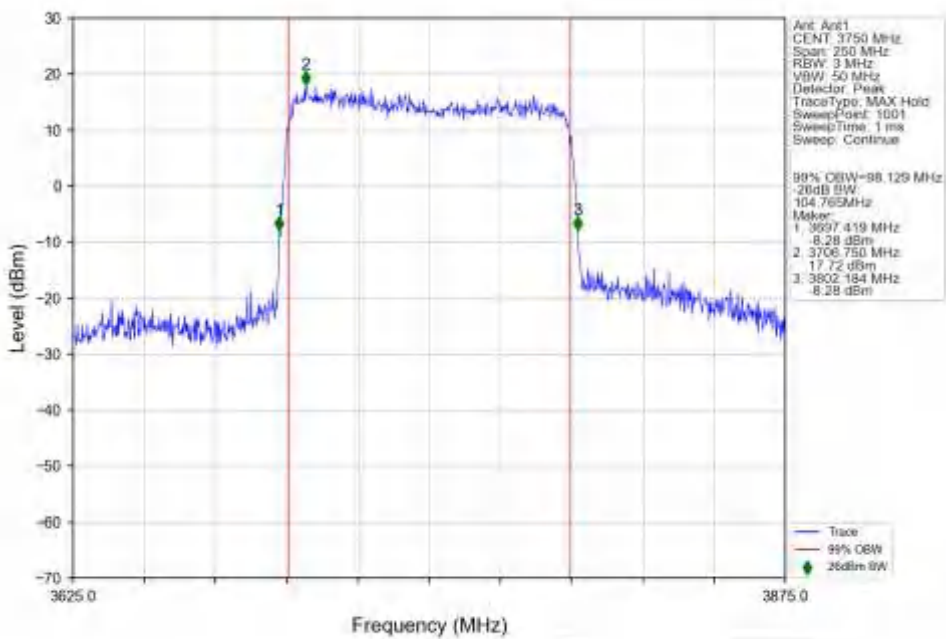
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



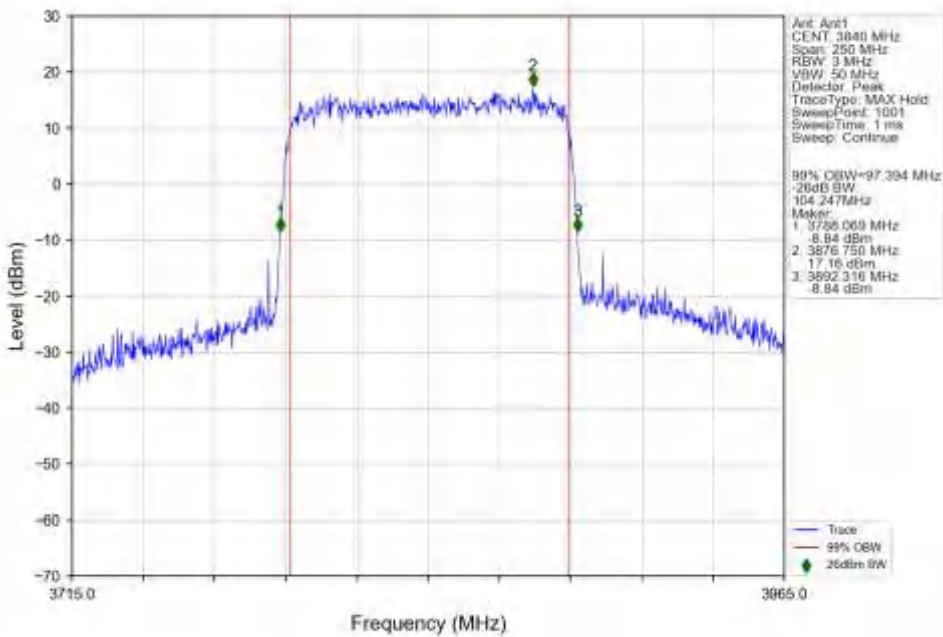
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3930MHz_Outer_Full_Ant1



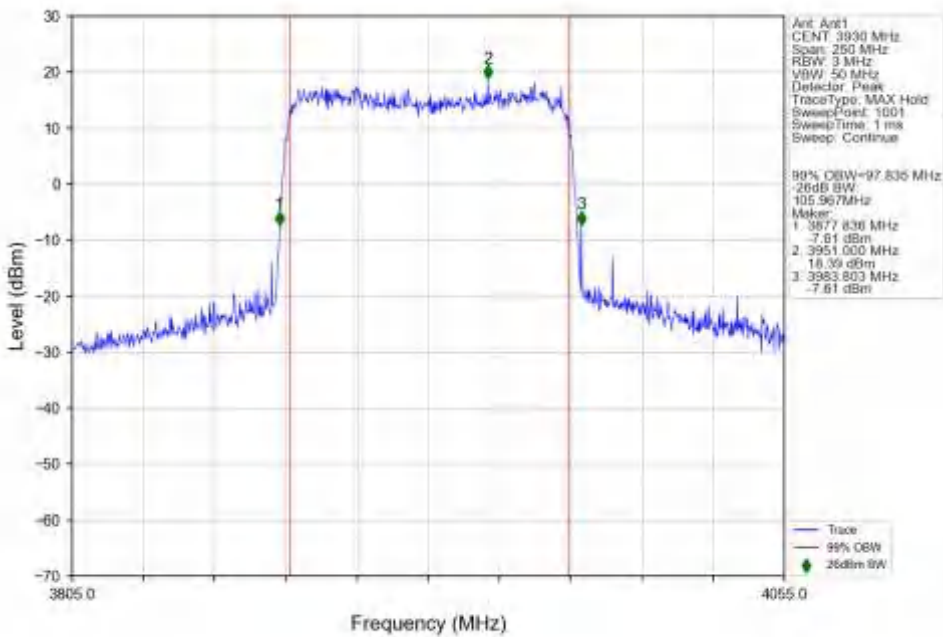
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3930MHz_Outer_Full_Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_10MHz_NTNV

5G NR n77a SCS=15kHz SISO 10MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3705	Outer Full	5.55	/	/	<=13	Pass
	3840	Outer Full	5.73	/	/	<=13	Pass
	3975	Outer Full	5.85	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3705	Outer Full	6.22	/	/	<=13	Pass
	3840	Outer Full	6.40	/	/	<=13	Pass
	3975	Outer Full	6.53	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3705	Outer Full	6.08	/	/	<=13	Pass
	3840	Outer Full	6.39	/	/	<=13	Pass
	3975	Outer Full	6.44	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3705	Outer Full	6.60	/	/	<=13	Pass
	3840	Outer Full	6.88	/	/	<=13	Pass
	3975	Outer Full	6.96	/	/	<=13	Pass
CP-OFDM QPSK	3705	Outer Full	7.75	/	/	<=13	Pass
	3840	Outer Full	7.67	/	/	<=13	Pass
	3975	Outer Full	7.94	/	/	<=13	Pass
CP-OFDM 16 QAM	3705	Outer Full	7.74	/	/	<=13	Pass
	3840	Outer Full	7.88	/	/	<=13	Pass
	3975	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM 64 QAM	3705	Outer Full	7.67	/	/	<=13	Pass
	3840	Outer Full	7.87	/	/	<=13	Pass
	3975	Outer Full	8.13	/	/	<=13	Pass
CP-OFDM 256 QAM	3705	Outer Full	7.91	/	/	<=13	Pass
	3840	Outer Full	8.14	/	/	<=13	Pass
	3975	Outer Full	8.09	/	/	<=13	Pass

5.1.2 15k_SISO_15MHz_NTNV

5G NR n77a SCS=15kHz SISO 15MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3707.505	Outer Full	5.34	/	/	<=13	Pass
	3840	Outer Full	5.60	/	/	<=13	Pass
	3972.495	Outer Full	5.79	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3707.505	Outer Full	5.90	/	/	<=13	Pass
	3840	Outer Full	6.12	/	/	<=13	Pass
	3972.495	Outer Full	6.25	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3707.505	Outer Full	5.97	/	/	<=13	Pass
	3840	Outer Full	6.26	/	/	<=13	Pass
	3972.495	Outer Full	6.40	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3707.505	Outer Full	6.22	/	/	<=13	Pass
	3840	Outer Full	6.50	/	/	<=13	Pass
	3972.495	Outer Full	6.61	/	/	<=13	Pass
CP-OFDM QPSK	3707.505	Outer Full	7.44	/	/	<=13	Pass
	3840	Outer Full	7.36	/	/	<=13	Pass

	3972.495	Outer Full	7.60	/	/	<=13	Pass
CP-OFDM 16 QAM	3707.505	Outer Full	7.58	/	/	<=13	Pass
	3840	Outer Full	7.54	/	/	<=13	Pass
	3972.495	Outer Full	7.58	/	/	<=13	Pass
CP-OFDM 64 QAM	3707.505	Outer Full	7.49	/	/	<=13	Pass
	3840	Outer Full	7.64	/	/	<=13	Pass
	3972.495	Outer Full	7.73	/	/	<=13	Pass
CP-OFDM 256 QAM	3707.505	Outer Full	7.95	/	/	<=13	Pass
	3840	Outer Full	8.15	/	/	<=13	Pass
	3972.495	Outer Full	8.16	/	/	<=13	Pass

5.1.3 15k_SISO_20MHz_NTNV

5G NR n77a SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3710.01	Outer Full	5.45	/	/	<=13	Pass
	3840	Outer Full	5.78	/	/	<=13	Pass
	3969.99	Outer Full	5.66	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer Full	6.18	/	/	<=13	Pass
	3840	Outer Full	6.43	/	/	<=13	Pass
	3969.99	Outer Full	6.34	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer Full	6.11	/	/	<=13	Pass
	3840	Outer Full	6.35	/	/	<=13	Pass
	3969.99	Outer Full	6.33	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer Full	7.44	/	/	<=13	Pass
	3840	Outer Full	6.46	/	/	<=13	Pass
	3969.99	Outer Full	6.47	/	/	<=13	Pass
CP-OFDM QPSK	3710.01	Outer Full	7.58	/	/	<=13	Pass
	3840	Outer Full	7.62	/	/	<=13	Pass
	3969.99	Outer Full	7.59	/	/	<=13	Pass
CP-OFDM 16 QAM	3710.01	Outer Full	7.61	/	/	<=13	Pass
	3840	Outer Full	7.58	/	/	<=13	Pass
	3969.99	Outer Full	7.61	/	/	<=13	Pass
CP-OFDM 64 QAM	3710.01	Outer Full	7.76	/	/	<=13	Pass
	3840	Outer Full	7.88	/	/	<=13	Pass
	3969.99	Outer Full	7.89	/	/	<=13	Pass
CP-OFDM 256 QAM	3710.01	Outer Full	8.08	/	/	<=13	Pass
	3840	Outer Full	8.27	/	/	<=13	Pass
	3969.99	Outer Full	8.27	/	/	<=13	Pass

5.1.4 15k_SISO_25MHz_NTNV

5G NR n77a SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3712.5	Outer Full	5.57	/	/	<=13	Pass
	3840	Outer Full	5.70	/	/	<=13	Pass
	3967.5	Outer Full	5.73	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer Full	6.10	/	/	<=13	Pass
	3840	Outer Full	6.34	/	/	<=13	Pass
	3967.5	Outer Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer Full	6.23	/	/	<=13	Pass
	3840	Outer Full	6.41	/	/	<=13	Pass
	3967.5	Outer Full	6.40	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	3712.5	Outer Full	6.27	/	/	<=13	Pass
	3840	Outer Full	6.46	/	/	<=13	Pass
	3967.5	Outer Full	6.50	/	/	<=13	Pass
CP-OFDM QPSK	3712.5	Outer Full	7.78	/	/	<=13	Pass
	3840	Outer Full	7.59	/	/	<=13	Pass
	3967.5	Outer Full	7.91	/	/	<=13	Pass
CP-OFDM 16 QAM	3712.5	Outer Full	7.87	/	/	<=13	Pass
	3840	Outer Full	7.69	/	/	<=13	Pass
	3967.5	Outer Full	7.92	/	/	<=13	Pass
CP-OFDM 64 QAM	3712.5	Outer Full	7.83	/	/	<=13	Pass
	3840	Outer Full	7.83	/	/	<=13	Pass
	3967.5	Outer Full	8.01	/	/	<=13	Pass
CP-OFDM 256 QAM	3712.5	Outer Full	8.13	/	/	<=13	Pass
	3840	Outer Full	8.29	/	/	<=13	Pass
	3967.5	Outer Full	10.06	/	/	<=13	Pass

5.1.5 15k_SISO_30MHz_NTNV

5G NR n77a SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3715.005	Outer Full	6.03	/	/	<=13	Pass
	3840	Outer Full	5.74	/	/	<=13	Pass
	3964.995	Outer Full	5.97	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3715.005	Outer Full	6.38	/	/	<=13	Pass
	3840	Outer Full	6.46	/	/	<=13	Pass
	3964.995	Outer Full	6.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3715.005	Outer Full	6.57	/	/	<=13	Pass
	3840	Outer Full	6.64	/	/	<=13	Pass
	3964.995	Outer Full	6.77	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3715.005	Outer Full	8.02	/	/	<=13	Pass
	3840	Outer Full	6.62	/	/	<=13	Pass
	3964.995	Outer Full	7.59	/	/	<=13	Pass
CP-OFDM QPSK	3715.005	Outer Full	7.87	/	/	<=13	Pass
	3840	Outer Full	8.05	/	/	<=13	Pass
	3964.995	Outer Full	8.23	/	/	<=13	Pass
CP-OFDM 16 QAM	3715.005	Outer Full	9.40	/	/	<=13	Pass
	3840	Outer Full	8.02	/	/	<=13	Pass
	3964.995	Outer Full	8.25	/	/	<=13	Pass
CP-OFDM 64 QAM	3715.005	Outer Full	8.10	/	/	<=13	Pass
	3840	Outer Full	8.18	/	/	<=13	Pass
	3964.995	Outer Full	8.40	/	/	<=13	Pass
CP-OFDM 256 QAM	3715.005	Outer Full	8.25	/	/	<=13	Pass
	3840	Outer Full	8.36	/	/	<=13	Pass
	3964.995	Outer Full	10.43	/	/	<=13	Pass

5.1.6 15k_SISO_40MHz_NTNV

5G NR n77a SCS=15kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3720	Outer Full	6.39	/	/	<=13	Pass
	3840	Outer Full	6.38	/	/	<=13	Pass
	3960	Outer Full	6.48	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3720	Outer Full	7.00	/	/	<=13	Pass

DFT-s-OFDM 64 QAM	3840	Outer Full	7.04	/	/	<=13	Pass
	3960	Outer Full	7.10	/	/	<=13	Pass
	3720	Outer Full	7.17	/	/	<=13	Pass
	3840	Outer Full	7.22	/	/	<=13	Pass
	3960	Outer Full	7.24	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3720	Outer Full	7.07	/	/	<=13	Pass
	3840	Outer Full	7.11	/	/	<=13	Pass
	3960	Outer Full	9.94	/	/	<=13	Pass
CP-OFDM QPSK	3720	Outer Full	8.09	/	/	<=13	Pass
	3840	Outer Full	8.13	/	/	<=13	Pass
	3960	Outer Full	8.27	/	/	<=13	Pass
CP-OFDM 16 QAM	3720	Outer Full	8.06	/	/	<=13	Pass
	3840	Outer Full	8.20	/	/	<=13	Pass
	3960	Outer Full	8.29	/	/	<=13	Pass
CP-OFDM 64 QAM	3720	Outer Full	8.17	/	/	<=13	Pass
	3840	Outer Full	8.25	/	/	<=13	Pass
	3960	Outer Full	8.35	/	/	<=13	Pass
CP-OFDM 256 QAM	3720	Outer Full	8.24	/	/	<=13	Pass
	3840	Outer Full	8.33	/	/	<=13	Pass
	3960	Outer Full	10.25	/	/	<=13	Pass

5.1.7 15k_SISO_50MHz_NTNV

5G NR n77a SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3725.01	Outer Full	6.75	/	/	<=13	Pass
	3840	Outer Full	6.70	/	/	<=13	Pass
	3954.99	Outer Full	6.73	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer Full	7.33	/	/	<=13	Pass
	3840	Outer Full	7.32	/	/	<=13	Pass
	3954.99	Outer Full	7.38	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer Full	7.42	/	/	<=13	Pass
	3840	Outer Full	7.43	/	/	<=13	Pass
	3954.99	Outer Full	7.43	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer Full	7.34	/	/	<=13	Pass
	3840	Outer Full	7.37	/	/	<=13	Pass
	3954.99	Outer Full	7.41	/	/	<=13	Pass
CP-OFDM QPSK	3725.01	Outer Full	8.11	/	/	<=13	Pass
	3840	Outer Full	8.30	/	/	<=13	Pass
	3954.99	Outer Full	8.35	/	/	<=13	Pass
CP-OFDM 16 QAM	3725.01	Outer Full	8.30	/	/	<=13	Pass
	3840	Outer Full	8.32	/	/	<=13	Pass
	3954.99	Outer Full	8.46	/	/	<=13	Pass
CP-OFDM 64 QAM	3725.01	Outer Full	8.12	/	/	<=13	Pass
	3840	Outer Full	8.22	/	/	<=13	Pass
	3954.99	Outer Full	8.27	/	/	<=13	Pass
CP-OFDM 256 QAM	3725.01	Outer Full	8.28	/	/	<=13	Pass
	3840	Outer Full	8.33	/	/	<=13	Pass
	3954.99	Outer Full	8.37	/	/	<=13	Pass

5.1.8 30k_SISO_10MHz_NTNV

5G NR n77a SCS=30kHz SISO 10MHz NTN				
Modulation	Frequency	RB	Peak-Average Ratio (dB)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3705	Outer_Full	5.53	/	/	<=13	Pass
	3840	Outer_Full	5.69	/	/	<=13	Pass
	3975	Outer_Full	5.94	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	6.11	/	/	<=13	Pass
	3840	Outer_Full	6.50	/	/	<=13	Pass
	3975	Outer_Full	6.72	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	6.10	/	/	<=13	Pass
	3840	Outer_Full	6.55	/	/	<=13	Pass
	3975	Outer_Full	6.75	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	6.39	/	/	<=13	Pass
	3840	Outer_Full	7.15	/	/	<=13	Pass
	3975	Outer_Full	7.45	/	/	<=13	Pass
CP-OFDM QPSK	3705	Outer_Full	7.44	/	/	<=13	Pass
	3840	Outer_Full	7.73	/	/	<=13	Pass
	3975	Outer_Full	7.98	/	/	<=13	Pass
CP-OFDM 16 QAM	3705	Outer_Full	7.50	/	/	<=13	Pass
	3840	Outer_Full	7.68	/	/	<=13	Pass
	3975	Outer_Full	8.05	/	/	<=13	Pass
CP-OFDM 64 QAM	3705	Outer_Full	7.53	/	/	<=13	Pass
	3840	Outer_Full	7.82	/	/	<=13	Pass
	3975	Outer_Full	8.07	/	/	<=13	Pass
CP-OFDM 256 QAM	3705	Outer_Full	7.84	/	/	<=13	Pass
	3840	Outer_Full	8.18	/	/	<=13	Pass
	3975	Outer_Full	8.24	/	/	<=13	Pass

5.1.9 30k_SISO_15MHz_NTNV

5G NR n77a SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3707.52	Outer_Full	5.59	/	/	<=13	Pass
	3840	Outer_Full	5.92	/	/	<=13	Pass
	3972.48	Outer_Full	6.06	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	6.13	/	/	<=13	Pass
	3840	Outer_Full	6.40	/	/	<=13	Pass
	3972.48	Outer_Full	6.59	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	6.12	/	/	<=13	Pass
	3840	Outer_Full	6.45	/	/	<=13	Pass
	3972.48	Outer_Full	6.64	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3707.52	Outer_Full	6.24	/	/	<=13	Pass
	3840	Outer_Full	6.65	/	/	<=13	Pass
	3972.48	Outer_Full	7.27	/	/	<=13	Pass
CP-OFDM QPSK	3707.52	Outer_Full	7.23	/	/	<=13	Pass
	3840	Outer_Full	7.48	/	/	<=13	Pass
	3972.48	Outer_Full	7.79	/	/	<=13	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	7.39	/	/	<=13	Pass
	3840	Outer_Full	7.54	/	/	<=13	Pass
	3972.48	Outer_Full	7.84	/	/	<=13	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	7.58	/	/	<=13	Pass
	3840	Outer_Full	7.82	/	/	<=13	Pass
	3972.48	Outer_Full	8.01	/	/	<=13	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	7.68	/	/	<=13	Pass
	3840	Outer_Full	8.01	/	/	<=13	Pass
	3972.48	Outer_Full	8.02	/	/	<=13	Pass

5.1.10 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3710.01	Outer Full	5.54	/	/	<=13	Pass
	3840	Outer Full	5.77	/	/	<=13	Pass
	3969.99	Outer Full	5.92	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer Full	6.22	/	/	<=13	Pass
	3840	Outer Full	6.39	/	/	<=13	Pass
	3969.99	Outer Full	6.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer Full	6.20	/	/	<=13	Pass
	3840	Outer Full	6.41	/	/	<=13	Pass
	3969.99	Outer Full	6.55	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer Full	6.27	/	/	<=13	Pass
	3840	Outer Full	8.24	/	/	<=13	Pass
	3969.99	Outer Full	7.31	/	/	<=13	Pass
CP-OFDM QPSK	3710.01	Outer Full	7.52	/	/	<=13	Pass
	3840	Outer Full	7.65	/	/	<=13	Pass
	3969.99	Outer Full	7.80	/	/	<=13	Pass
CP-OFDM 16 QAM	3710.01	Outer Full	7.51	/	/	<=13	Pass
	3840	Outer Full	7.71	/	/	<=13	Pass
	3969.99	Outer Full	7.84	/	/	<=13	Pass
CP-OFDM 64 QAM	3710.01	Outer Full	7.60	/	/	<=13	Pass
	3840	Outer Full	7.78	/	/	<=13	Pass
	3969.99	Outer Full	8.00	/	/	<=13	Pass
CP-OFDM 256 QAM	3710.01	Outer Full	7.96	/	/	<=13	Pass
	3840	Outer Full	8.29	/	/	<=13	Pass
	3969.99	Outer Full	8.28	/	/	<=13	Pass

5.1.11 30k_SISO_25MHz_NTNV

5G NR n77a SCS=30kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3712.5	Outer Full	5.68	/	/	<=13	Pass
	3840	Outer Full	5.80	/	/	<=13	Pass
	3967.5	Outer Full	6.05	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer Full	6.25	/	/	<=13	Pass
	3840	Outer Full	6.36	/	/	<=13	Pass
	3967.5	Outer Full	6.62	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer Full	6.29	/	/	<=13	Pass
	3840	Outer Full	6.45	/	/	<=13	Pass
	3967.5	Outer Full	6.67	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer Full	6.31	/	/	<=13	Pass
	3840	Outer Full	7.33	/	/	<=13	Pass
	3967.5	Outer Full	6.66	/	/	<=13	Pass
CP-OFDM QPSK	3712.5	Outer Full	7.62	/	/	<=13	Pass
	3840	Outer Full	7.78	/	/	<=13	Pass
	3967.5	Outer Full	8.06	/	/	<=13	Pass
CP-OFDM 16 QAM	3712.5	Outer Full	7.64	/	/	<=13	Pass
	3840	Outer Full	7.59	/	/	<=13	Pass
	3967.5	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 64 QAM	3712.5	Outer Full	7.68	/	/	<=13	Pass
	3840	Outer Full	7.83	/	/	<=13	Pass
	3967.5	Outer Full	8.12	/	/	<=13	Pass

CP-OFDM 256 QAM	3712.5	Outer Full	8.09	/	/	<=13	Pass
	3840	Outer Full	8.28	/	/	<=13	Pass
	3967.5	Outer Full	8.27	/	/	<=13	Pass

5.1.12 30k_SISO_30MHz_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3715.02	Outer Full	5.66	/	/	<=13	Pass
	3840	Outer Full	5.77	/	/	<=13	Pass
	3964.98	Outer Full	5.96	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer Full	6.32	/	/	<=13	Pass
	3840	Outer Full	6.39	/	/	<=13	Pass
	3964.98	Outer Full	6.55	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer Full	6.44	/	/	<=13	Pass
	3840	Outer Full	6.56	/	/	<=13	Pass
	3964.98	Outer Full	6.78	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer Full	6.56	/	/	<=13	Pass
	3840	Outer Full	7.21	/	/	<=13	Pass
	3964.98	Outer Full	7.20	/	/	<=13	Pass
CP-OFDM QPSK	3715.02	Outer Full	7.82	/	/	<=13	Pass
	3840	Outer Full	7.86	/	/	<=13	Pass
	3964.98	Outer Full	8.19	/	/	<=13	Pass
CP-OFDM 16 QAM	3715.02	Outer Full	7.95	/	/	<=13	Pass
	3840	Outer Full	8.03	/	/	<=13	Pass
	3964.98	Outer Full	8.33	/	/	<=13	Pass
CP-OFDM 64 QAM	3715.02	Outer Full	8.01	/	/	<=13	Pass
	3840	Outer Full	8.12	/	/	<=13	Pass
	3964.98	Outer Full	8.39	/	/	<=13	Pass
CP-OFDM 256 QAM	3715.02	Outer Full	7.90	/	/	<=13	Pass
	3840	Outer Full	8.08	/	/	<=13	Pass
	3964.98	Outer Full	8.11	/	/	<=13	Pass

5.1.13 30k_SISO_40MHz_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3720	Outer Full	6.48	/	/	<=13	Pass
	3840	Outer Full	6.45	/	/	<=13	Pass
	3960	Outer Full	6.39	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3720	Outer Full	7.19	/	/	<=13	Pass
	3840	Outer Full	7.13	/	/	<=13	Pass
	3960	Outer Full	7.22	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3720	Outer Full	7.36	/	/	<=13	Pass
	3840	Outer Full	7.43	/	/	<=13	Pass
	3960	Outer Full	7.45	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3720	Outer Full	7.27	/	/	<=13	Pass
	3840	Outer Full	8.21	/	/	<=13	Pass
	3960	Outer Full	7.50	/	/	<=13	Pass
CP-OFDM QPSK	3720	Outer Full	8.28	/	/	<=13	Pass
	3840	Outer Full	8.33	/	/	<=13	Pass
	3960	Outer Full	8.46	/	/	<=13	Pass
CP-OFDM 16 QAM	3720	Outer Full	8.42	/	/	<=13	Pass

CP-OFDM 64 QAM	3840	Outer Full	8.53	/	/	<=13	Pass
	3960	Outer Full	8.63	/	/	<=13	Pass
	3720	Outer Full	8.39	/	/	<=13	Pass
	3840	Outer Full	8.50	/	/	<=13	Pass
CP-OFDM 256 QAM	3960	Outer Full	8.59	/	/	<=13	Pass
	3720	Outer Full	8.46	/	/	<=13	Pass
	3840	Outer Full	8.58	/	/	<=13	Pass
	3960	Outer Full	8.62	/	/	<=13	Pass

5.1.14 30k_SISO_50MHz_NTNV

5G NR n77a SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3725.01	Outer Full	6.95	/	/	<=13	Pass
	3840	Outer Full	6.88	/	/	<=13	Pass
	3954.99	Outer Full	7.13	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer Full	7.53	/	/	<=13	Pass
	3840	Outer Full	7.57	/	/	<=13	Pass
	3954.99	Outer Full	7.69	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer Full	7.52	/	/	<=13	Pass
	3840	Outer Full	7.56	/	/	<=13	Pass
	3954.99	Outer Full	7.64	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer Full	7.50	/	/	<=13	Pass
	3840	Outer Full	7.54	/	/	<=13	Pass
	3954.99	Outer Full	7.66	/	/	<=13	Pass
CP-OFDM QPSK	3725.01	Outer Full	8.24	/	/	<=13	Pass
	3840	Outer Full	8.32	/	/	<=13	Pass
	3954.99	Outer Full	8.50	/	/	<=13	Pass
CP-OFDM 16 QAM	3725.01	Outer Full	8.37	/	/	<=13	Pass
	3840	Outer Full	8.50	/	/	<=13	Pass
	3954.99	Outer Full	8.61	/	/	<=13	Pass
CP-OFDM 64 QAM	3725.01	Outer Full	8.54	/	/	<=13	Pass
	3840	Outer Full	8.54	/	/	<=13	Pass
	3954.99	Outer Full	8.64	/	/	<=13	Pass
CP-OFDM 256 QAM	3725.01	Outer Full	8.47	/	/	<=13	Pass
	3840	Outer Full	8.49	/	/	<=13	Pass
	3954.99	Outer Full	8.48	/	/	<=13	Pass

5.1.15 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3730.02	Outer Full	7.21	/	/	<=13	Pass
	3840	Outer Full	7.16	/	/	<=13	Pass
	3949.98	Outer Full	7.36	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer Full	7.49	/	/	<=13	Pass
	3840	Outer Full	7.49	/	/	<=13	Pass
	3949.98	Outer Full	7.64	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer Full	7.48	/	/	<=13	Pass
	3840	Outer Full	7.45	/	/	<=13	Pass
	3949.98	Outer Full	7.61	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer Full	7.48	/	/	<=13	Pass
	3840	Outer Full	7.58	/	/	<=13	Pass

	3949.98	Outer Full	7.68	/	/	<=13	Pass
CP-OFDM QPSK	3730.02	Outer Full	8.32	/	/	<=13	Pass
	3840	Outer Full	8.37	/	/	<=13	Pass
	3949.98	Outer Full	8.62	/	/	<=13	Pass
CP-OFDM 16 QAM	3730.02	Outer Full	8.20	/	/	<=13	Pass
	3840	Outer Full	8.34	/	/	<=13	Pass
	3949.98	Outer Full	8.48	/	/	<=13	Pass
CP-OFDM 64 QAM	3730.02	Outer Full	8.37	/	/	<=13	Pass
	3840	Outer Full	8.48	/	/	<=13	Pass
	3949.98	Outer Full	8.53	/	/	<=13	Pass
CP-OFDM 256 QAM	3730.02	Outer Full	8.39	/	/	<=13	Pass
	3840	Outer Full	8.49	/	/	<=13	Pass
	3949.98	Outer Full	8.49	/	/	<=13	Pass

5.1.16 30k_SISO_70MHz_NTNV

5G NR n77a SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3735	Outer Full	7.09	/	/	<=13	Pass
	3840	Outer Full	7.05	/	/	<=13	Pass
	3945	Outer Full	7.17	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3735	Outer Full	7.58	/	/	<=13	Pass
	3840	Outer Full	7.57	/	/	<=13	Pass
	3945	Outer Full	7.68	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3735	Outer Full	7.53	/	/	<=13	Pass
	3840	Outer Full	7.57	/	/	<=13	Pass
	3945	Outer Full	7.67	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3735	Outer Full	7.47	/	/	<=13	Pass
	3840	Outer Full	7.91	/	/	<=13	Pass
	3945	Outer Full	7.95	/	/	<=13	Pass
CP-OFDM QPSK	3735	Outer Full	8.30	/	/	<=13	Pass
	3840	Outer Full	8.34	/	/	<=13	Pass
	3945	Outer Full	8.49	/	/	<=13	Pass
CP-OFDM 16 QAM	3735	Outer Full	8.39	/	/	<=13	Pass
	3840	Outer Full	8.50	/	/	<=13	Pass
	3945	Outer Full	8.62	/	/	<=13	Pass
CP-OFDM 64 QAM	3735	Outer Full	8.32	/	/	<=13	Pass
	3840	Outer Full	8.42	/	/	<=13	Pass
	3945	Outer Full	8.46	/	/	<=13	Pass
CP-OFDM 256 QAM	3735	Outer Full	8.23	/	/	<=13	Pass
	3840	Outer Full	8.30	/	/	<=13	Pass
	3945	Outer Full	8.31	/	/	<=13	Pass

5.1.17 30k_SISO_80MHz_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3740.01	Outer Full	7.33	/	/	<=13	Pass
	3840	Outer Full	7.31	/	/	<=13	Pass
	3939.99	Outer Full	7.50	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer Full	7.64	/	/	<=13	Pass
	3840	Outer Full	7.70	/	/	<=13	Pass
	3939.99	Outer Full	7.75	/	/	<=13	Pass

DFT-s-OFDM 64 QAM	3740.01	Outer Full	7.71	/	/	<=13	Pass
	3840	Outer Full	7.76	/	/	<=13	Pass
	3939.99	Outer Full	7.78	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer Full	7.57	/	/	<=13	Pass
	3840	Outer Full	7.71	/	/	<=13	Pass
	3939.99	Outer Full	7.95	/	/	<=13	Pass
CP-OFDM QPSK	3740.01	Outer Full	8.21	/	/	<=13	Pass
	3840	Outer Full	8.30	/	/	<=13	Pass
	3939.99	Outer Full	8.39	/	/	<=13	Pass
CP-OFDM 16 QAM	3740.01	Outer Full	8.25	/	/	<=13	Pass
	3840	Outer Full	8.40	/	/	<=13	Pass
	3939.99	Outer Full	8.46	/	/	<=13	Pass
CP-OFDM 64 QAM	3740.01	Outer Full	8.31	/	/	<=13	Pass
	3840	Outer Full	8.42	/	/	<=13	Pass
	3939.99	Outer Full	8.51	/	/	<=13	Pass
CP-OFDM 256 QAM	3740.01	Outer Full	8.19	/	/	<=13	Pass
	3840	Outer Full	8.29	/	/	<=13	Pass
	3939.99	Outer Full	8.29	/	/	<=13	Pass

5.1.18 30k_SISO_90MHz_NTNV

5G NR n77a SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3745.02	Outer Full	7.44	/	/	<=13	Pass
	3840	Outer Full	7.45	/	/	<=13	Pass
	3934.98	Outer Full	7.52	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer Full	7.65	/	/	<=13	Pass
	3840	Outer Full	7.69	/	/	<=13	Pass
	3934.98	Outer Full	7.75	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer Full	7.73	/	/	<=13	Pass
	3840	Outer Full	7.74	/	/	<=13	Pass
	3934.98	Outer Full	7.83	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer Full	7.74	/	/	<=13	Pass
	3840	Outer Full	7.78	/	/	<=13	Pass
	3934.98	Outer Full	7.82	/	/	<=13	Pass
CP-OFDM QPSK	3745.02	Outer Full	8.33	/	/	<=13	Pass
	3840	Outer Full	8.37	/	/	<=13	Pass
	3934.98	Outer Full	8.27	/	/	<=13	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	8.30	/	/	<=13	Pass
	3840	Outer Full	8.34	/	/	<=13	Pass
	3934.98	Outer Full	8.39	/	/	<=13	Pass
CP-OFDM 64 QAM	3745.02	Outer Full	8.27	/	/	<=13	Pass
	3840	Outer Full	8.34	/	/	<=13	Pass
	3934.98	Outer Full	8.38	/	/	<=13	Pass
CP-OFDM 256 QAM	3745.02	Outer Full	8.26	/	/	<=13	Pass
	3840	Outer Full	8.36	/	/	<=13	Pass
	3934.98	Outer Full	8.37	/	/	<=13	Pass

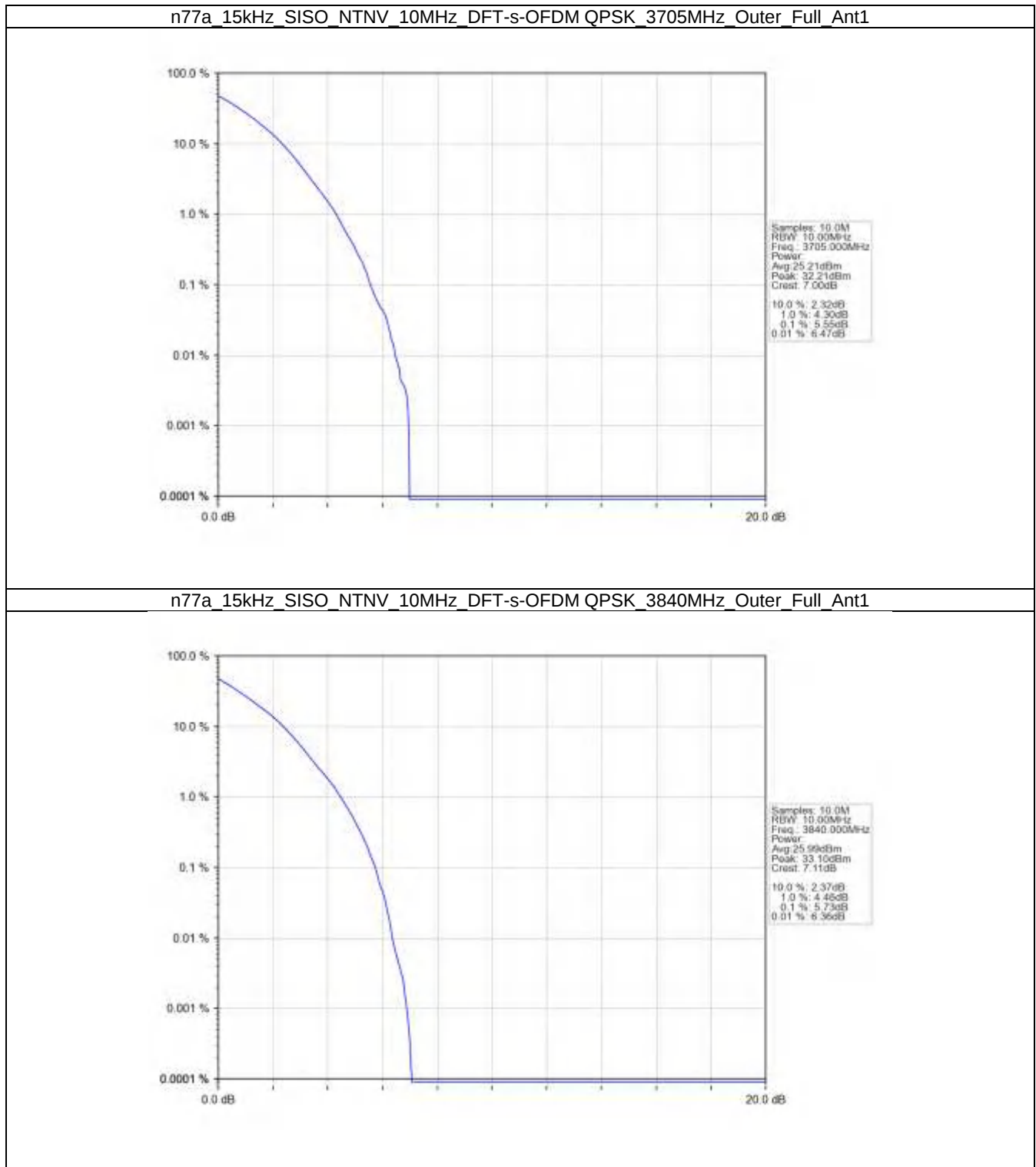
5.1.19 30k_SISO_100MHz_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3750	Outer Full	7.56	/	/	<=13	Pass

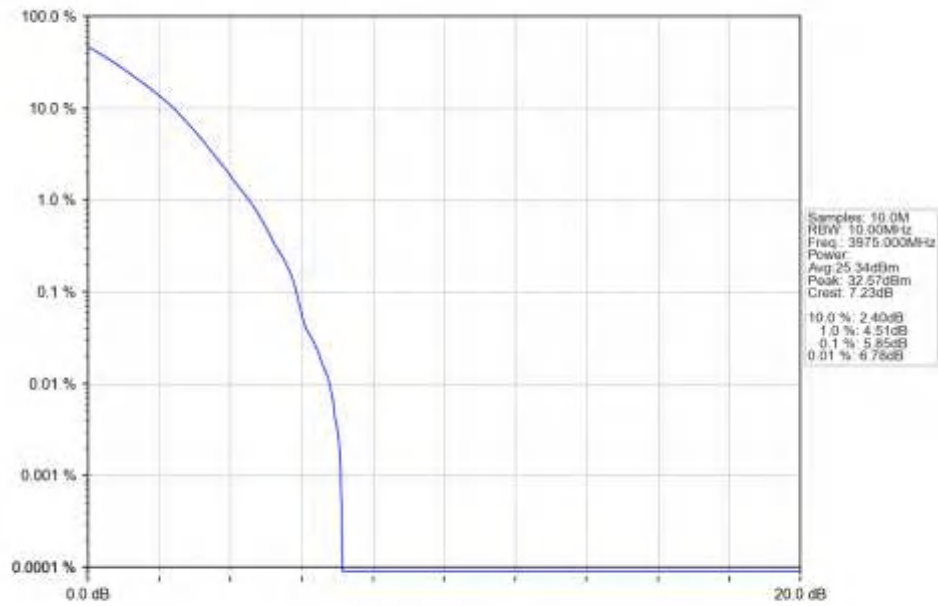
	3840	Outer Full	7.58	/	/	<=13	Pass
	3930	Outer Full	7.60	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	7.67	/	/	<=13	Pass
	3840	Outer Full	7.69	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3930	Outer Full	7.70	/	/	<=13	Pass
	3750	Outer Full	7.74	/	/	<=13	Pass
	3840	Outer Full	7.78	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3930	Outer Full	7.80	/	/	<=13	Pass
	3750	Outer Full	7.90	/	/	<=13	Pass
	3840	Outer Full	7.99	/	/	<=13	Pass
	3930	Outer Full	8.05	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer Full	8.32	/	/	<=13	Pass
	3840	Outer Full	8.47	/	/	<=13	Pass
	3930	Outer Full	8.57	/	/	<=13	Pass
CP-OFDM 16 QAM	3750	Outer Full	8.45	/	/	<=13	Pass
	3840	Outer Full	8.59	/	/	<=13	Pass
	3930	Outer Full	8.58	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer Full	8.26	/	/	<=13	Pass
	3840	Outer Full	8.38	/	/	<=13	Pass
	3930	Outer Full	8.40	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer Full	8.18	/	/	<=13	Pass
	3840	Outer Full	8.25	/	/	<=13	Pass
	3930	Outer Full	8.23	/	/	<=13	Pass

5.2 Test Graph

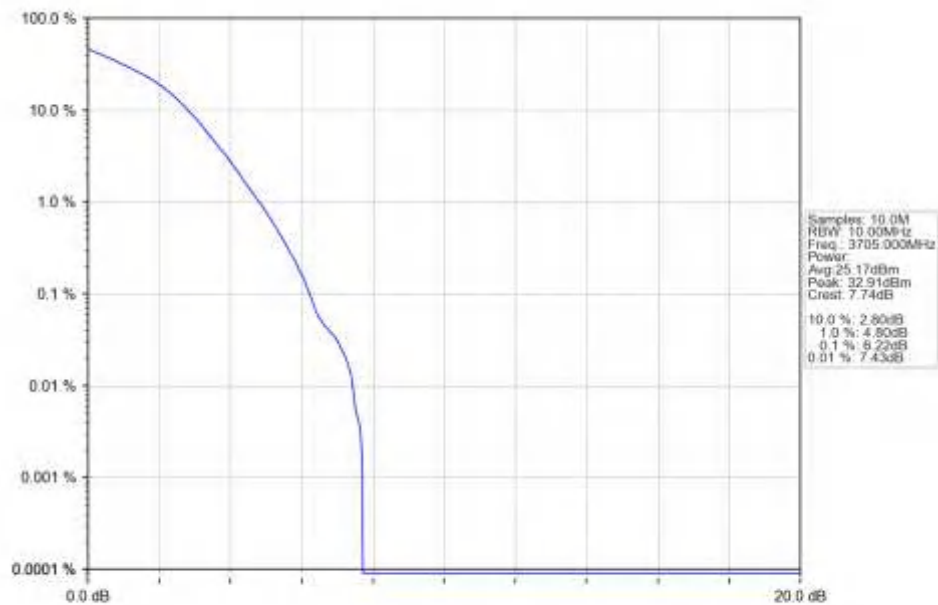
5.2.1 15k_SISO_10MHz_NTNV



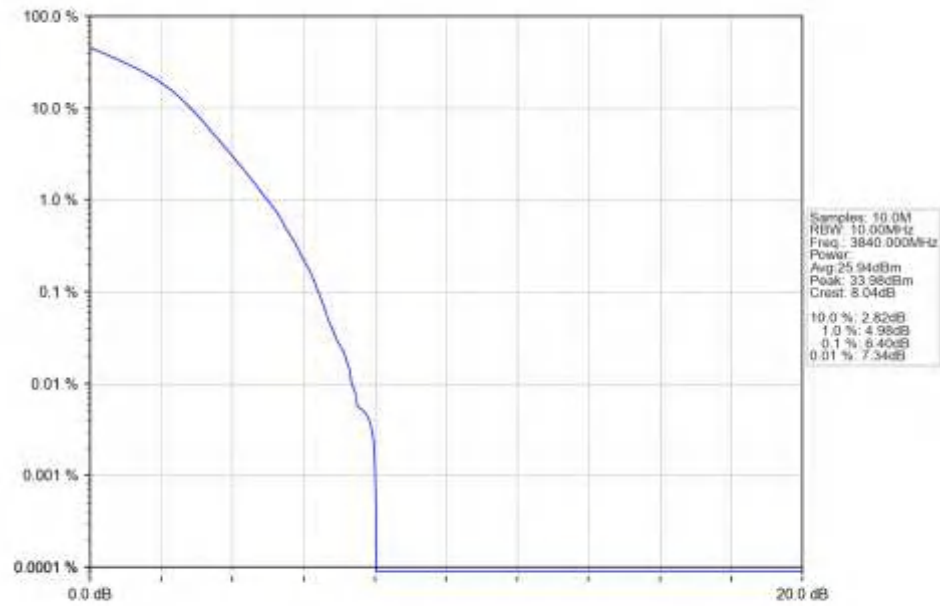
n77a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Outer_Full_Ant1



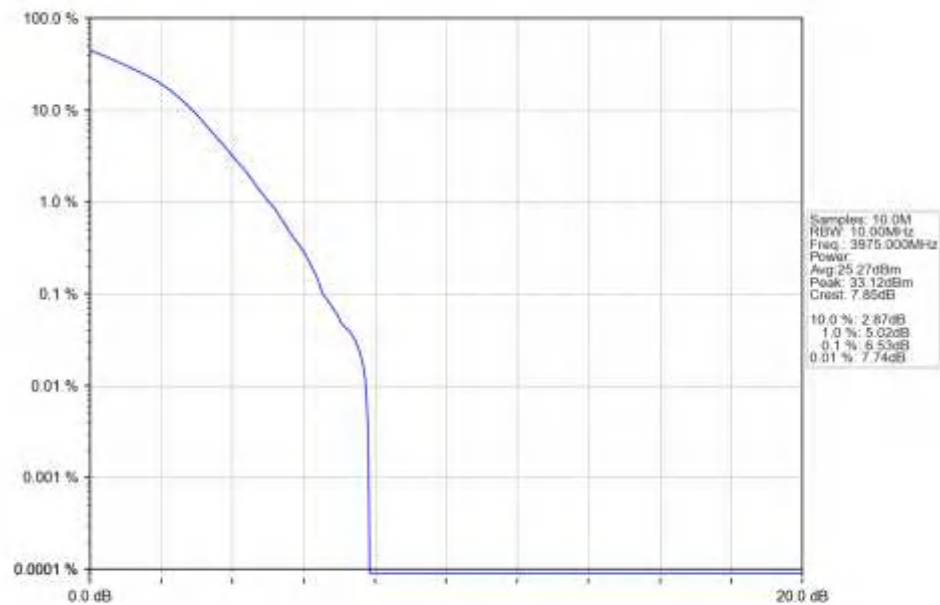
n77a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3705MHz_Outer_Full_Ant1



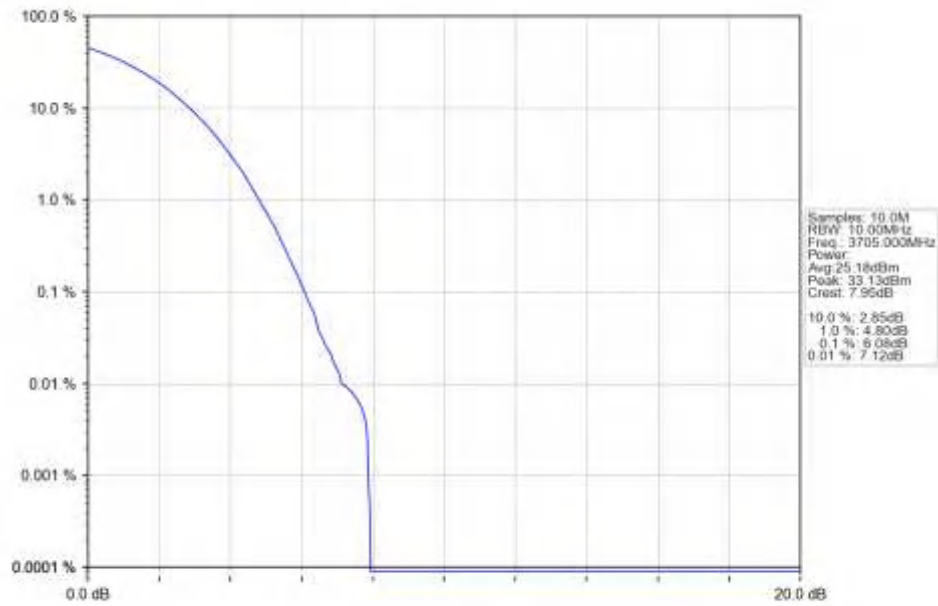
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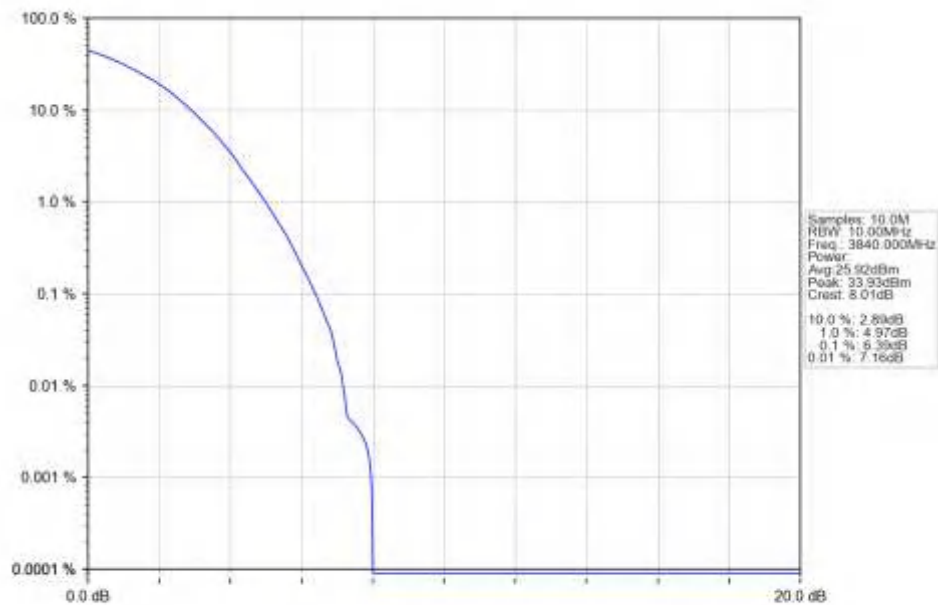
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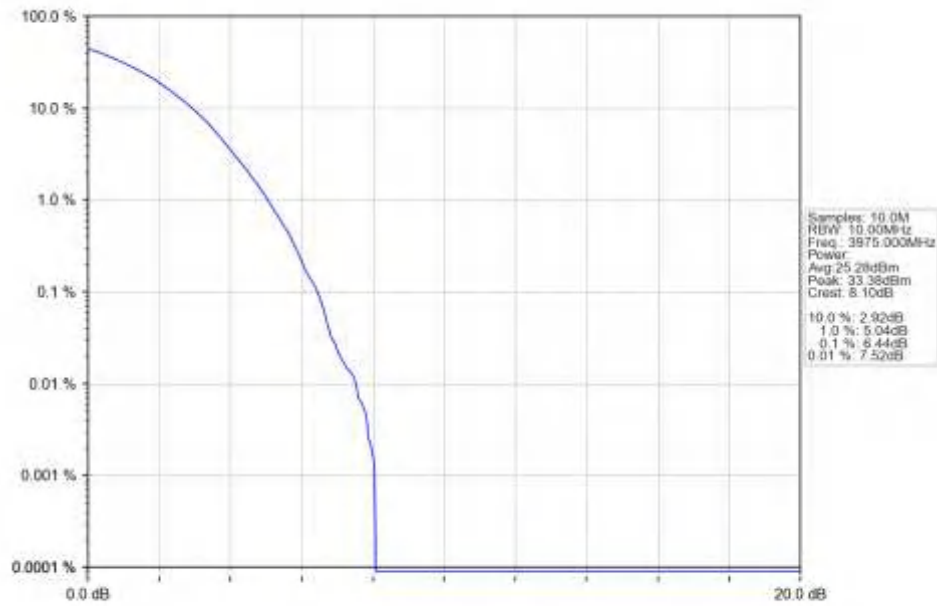
n77a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3705MHz_Outer_Full_Ant1



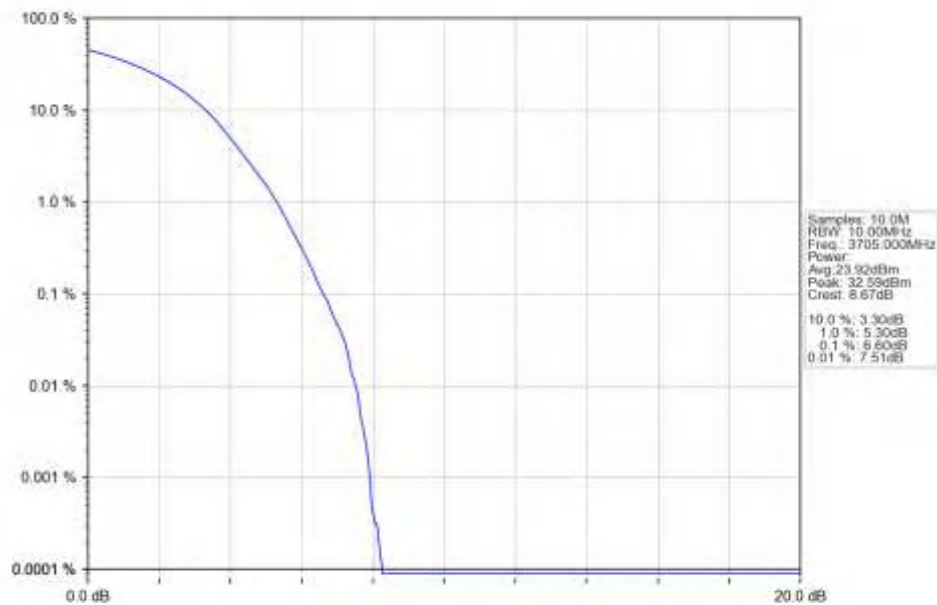
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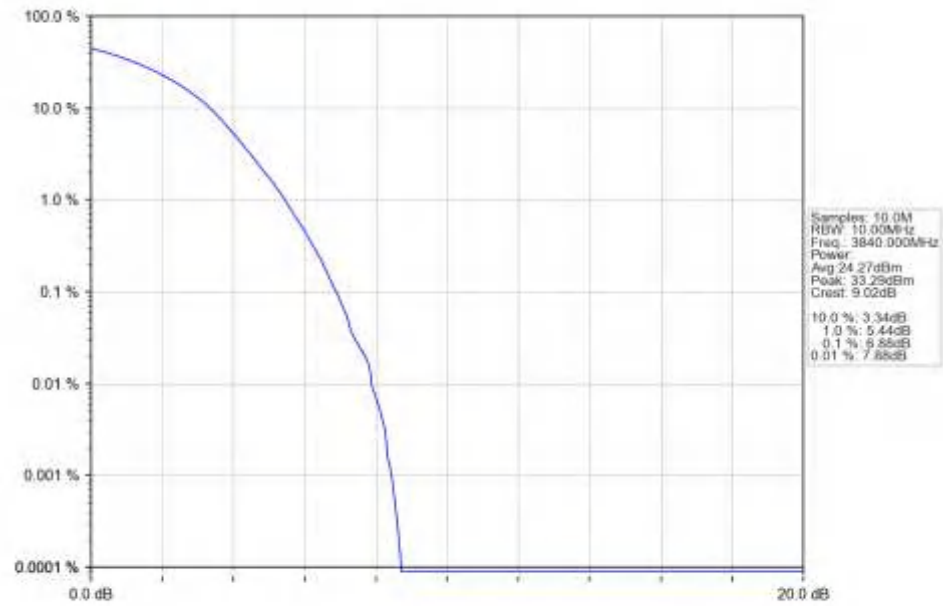
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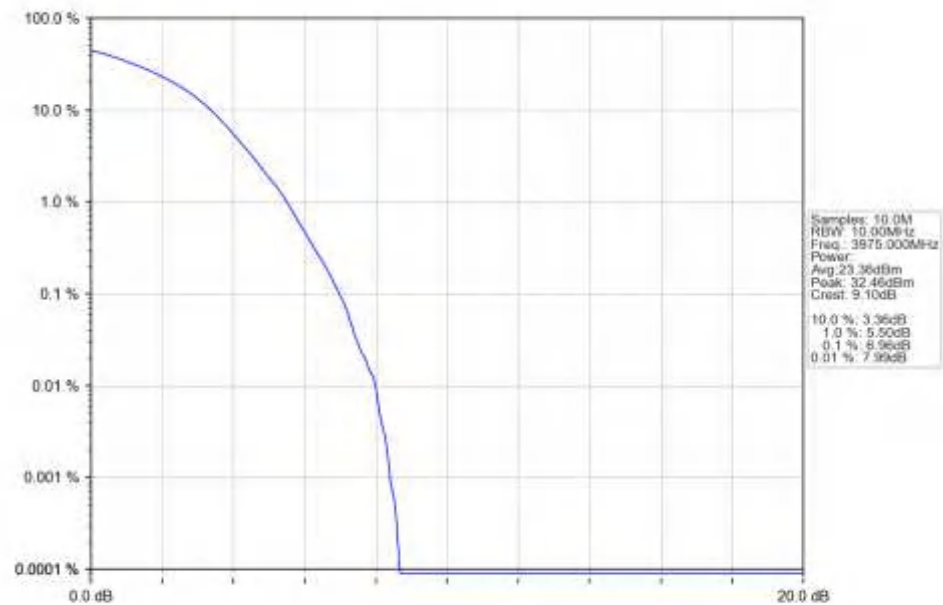
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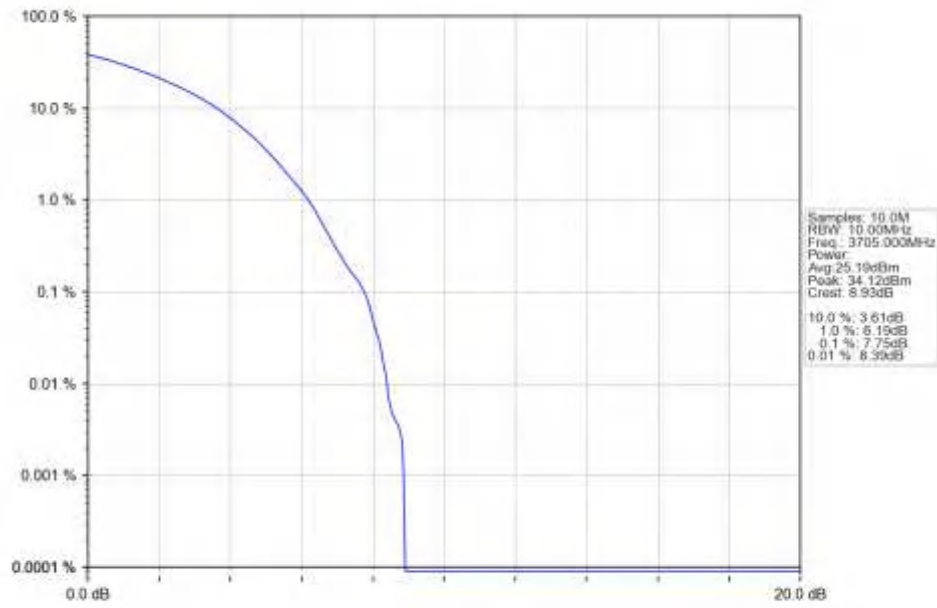
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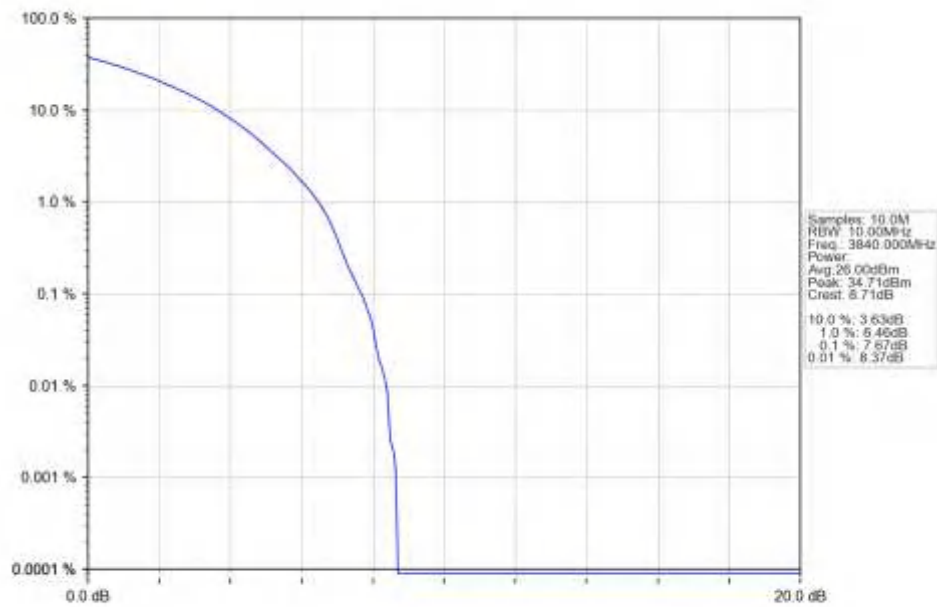
n77a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3975MHz_Outer_Full_Ant1



n77a 15kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer Full Ant1



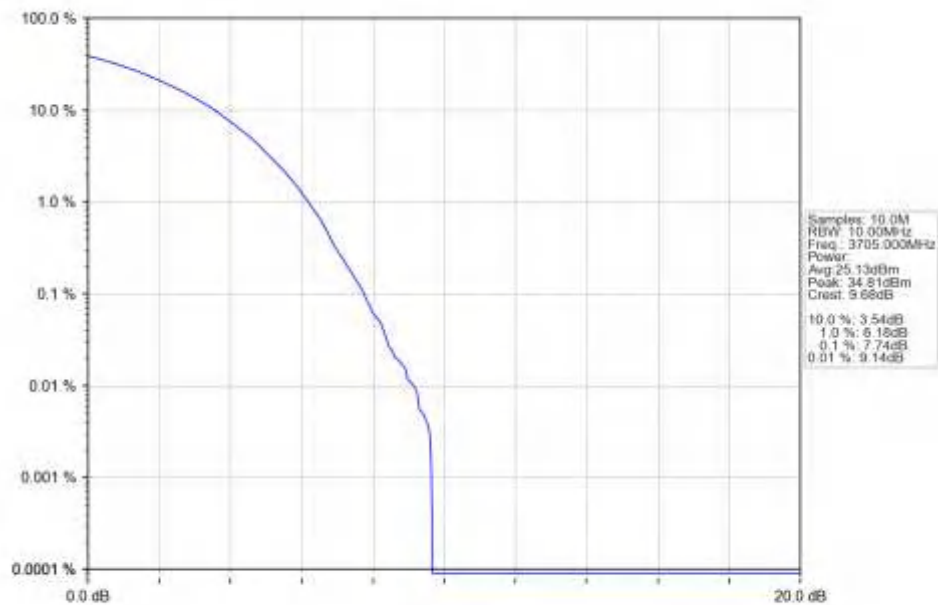
n77a 15kHz SISO NTN 10MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



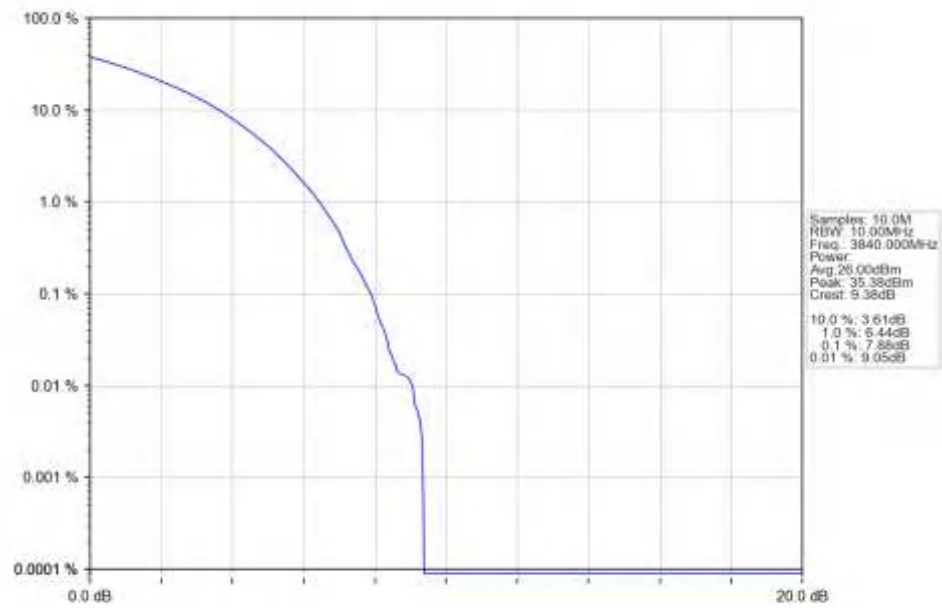
n77a 15kHz SISO NTN 10MHz CP-OFDM QPSK 3975MHz Outer Full Ant1



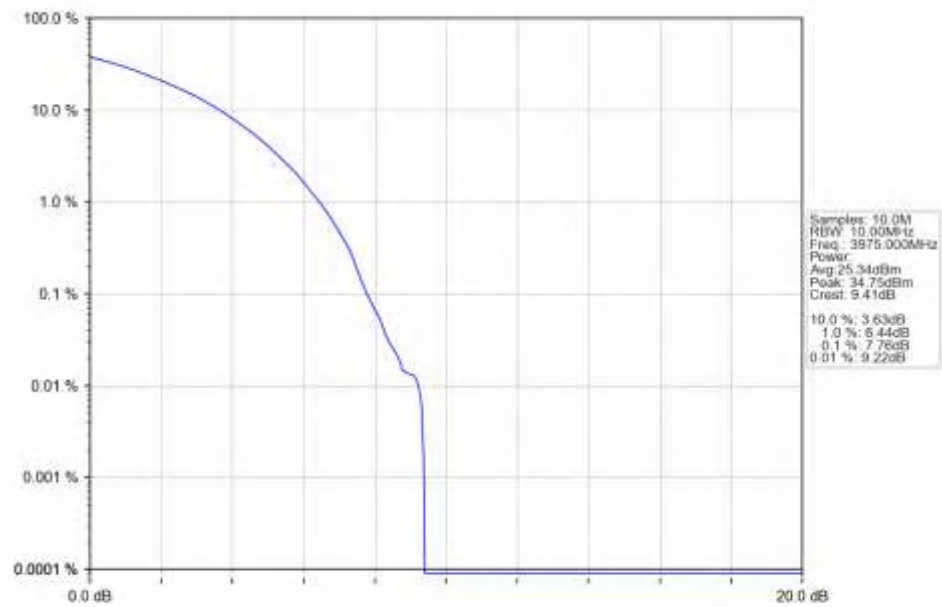
n77a 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 3705MHz Outer Full Ant1



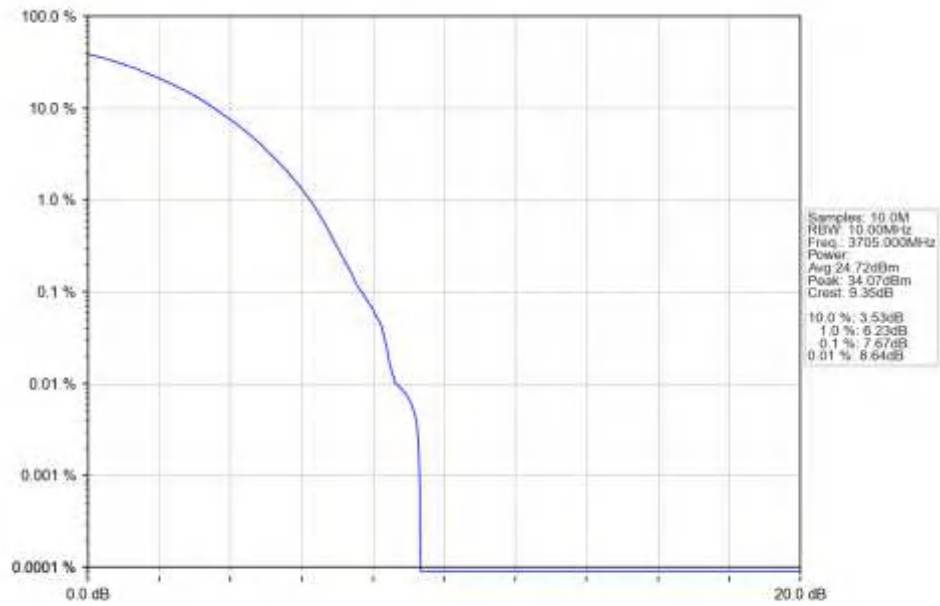
n77a_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



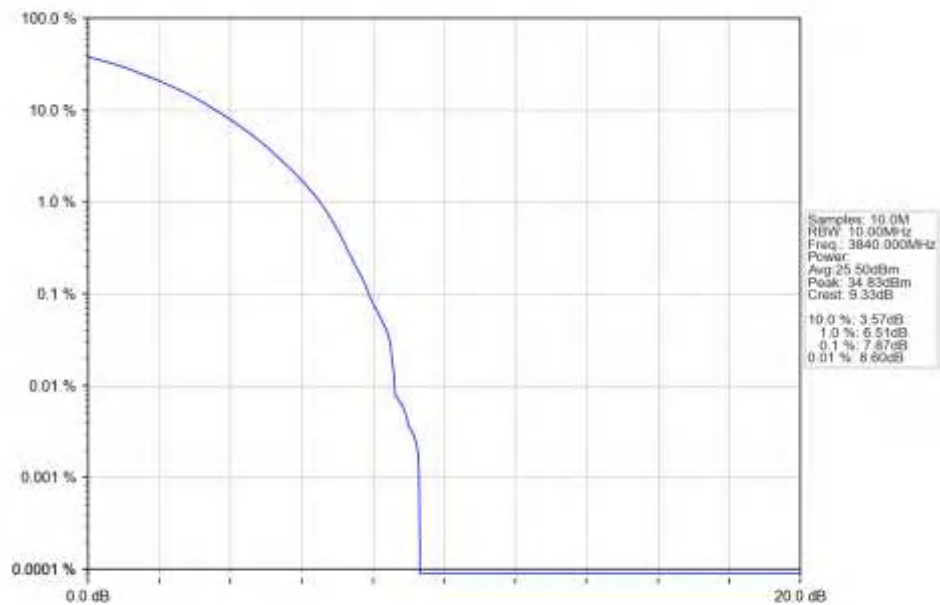
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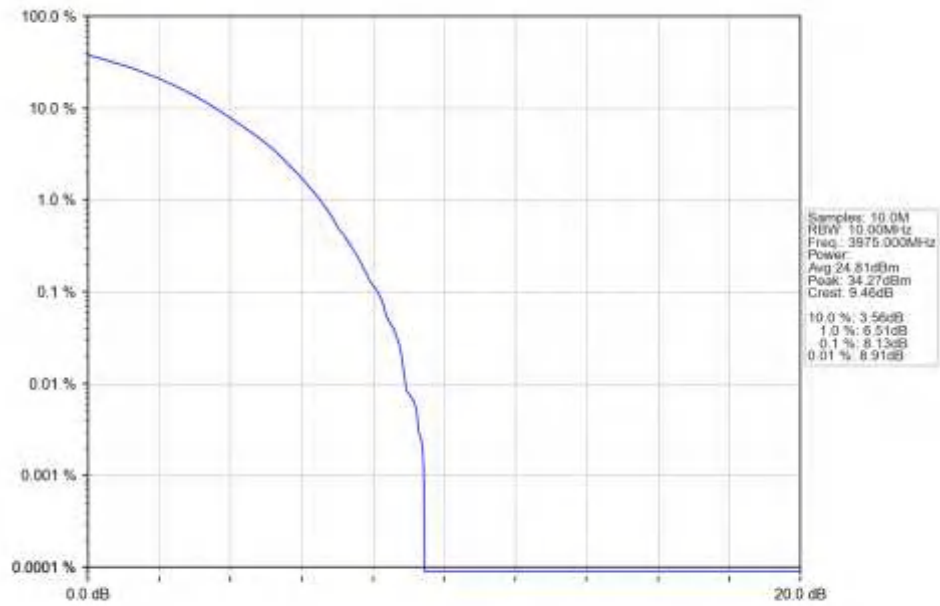
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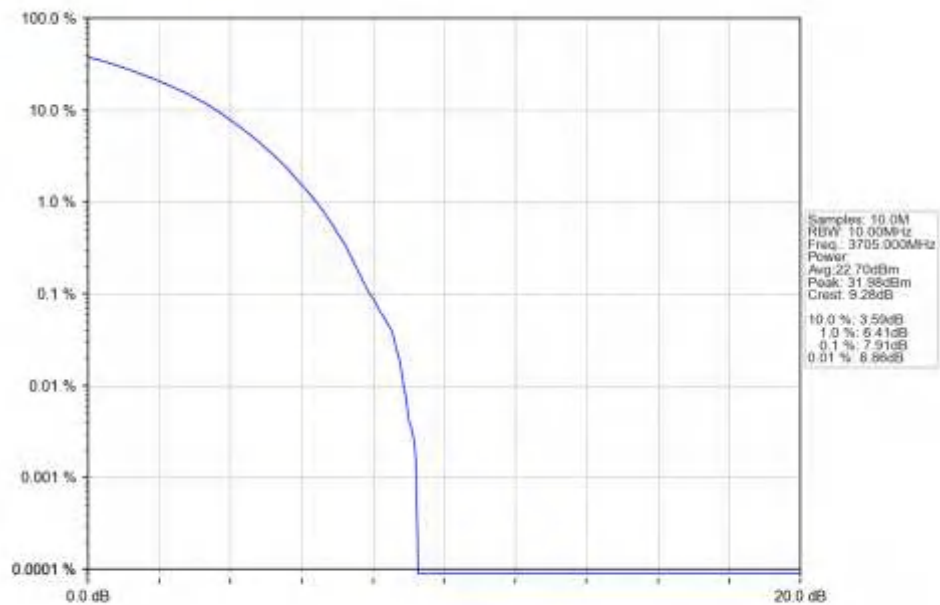
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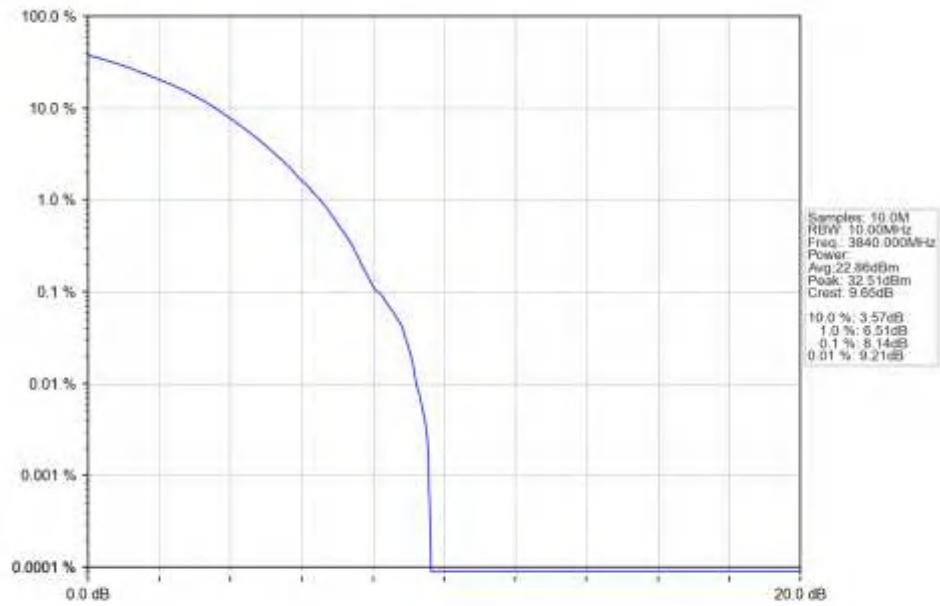
n77a_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3975MHz_Outer_Full_Ant1



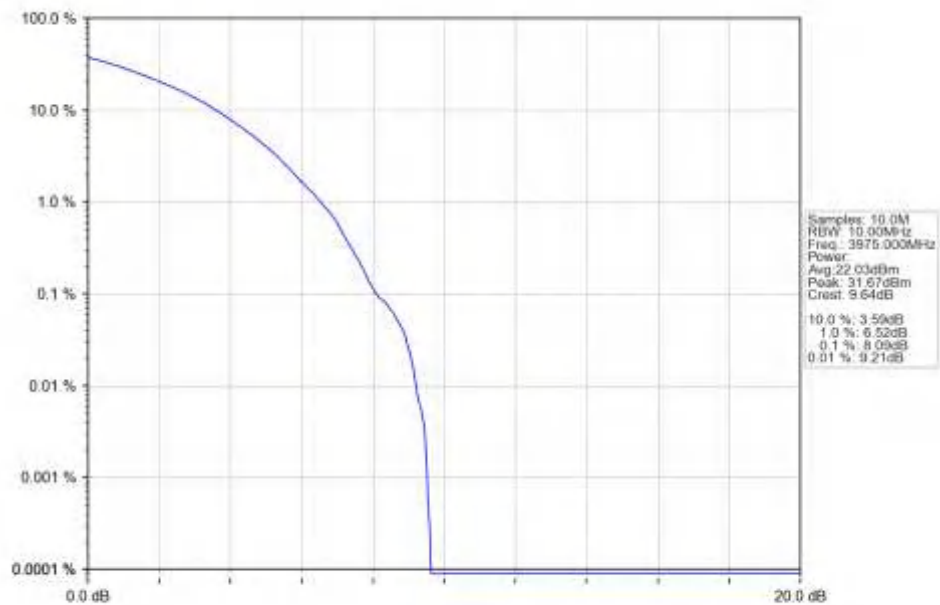
n77a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3705MHz_Outer_Full_Ant1



n77a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

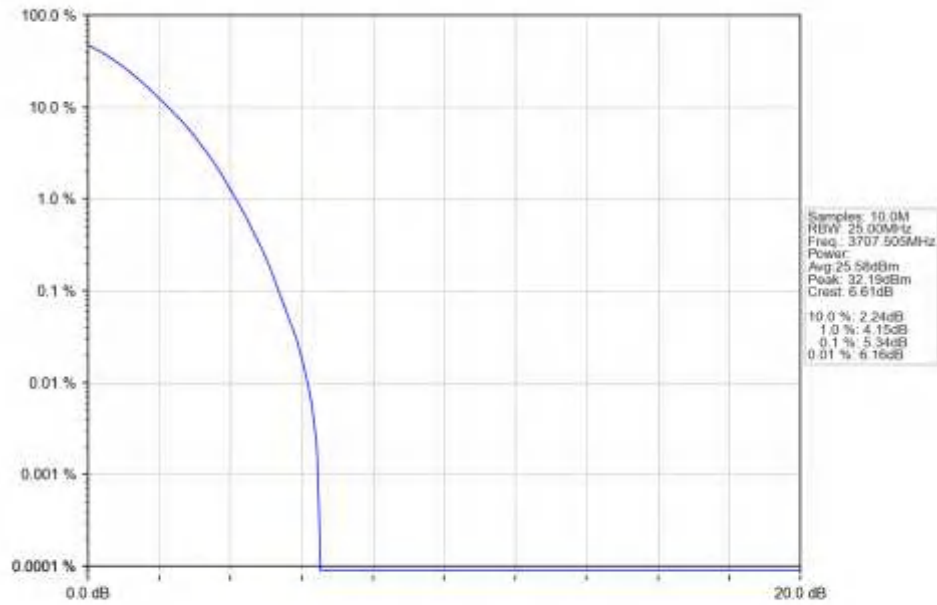


n77a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3975MHz_Outer_Full_Ant1

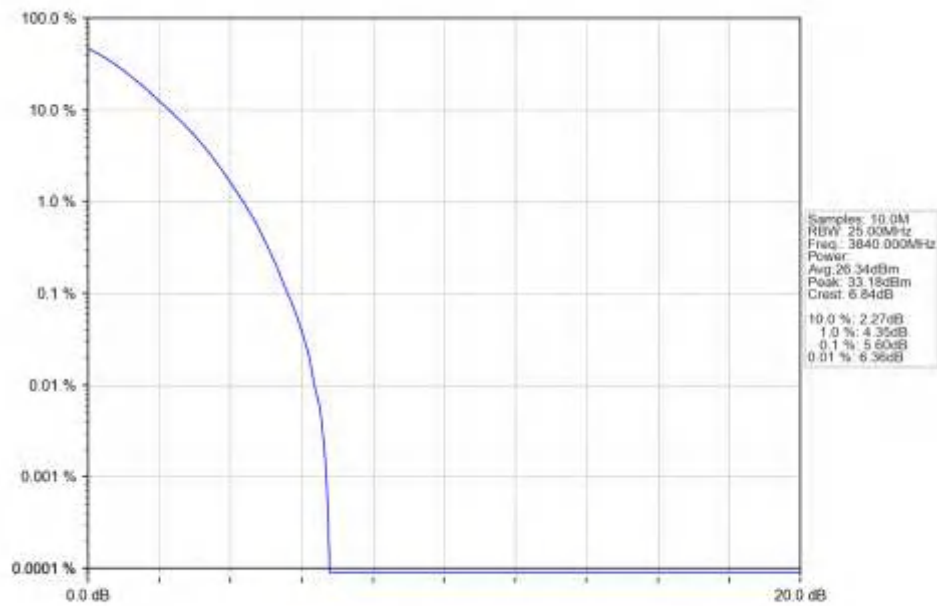


5.2.2 15k_SISO_15MHz_NTNV

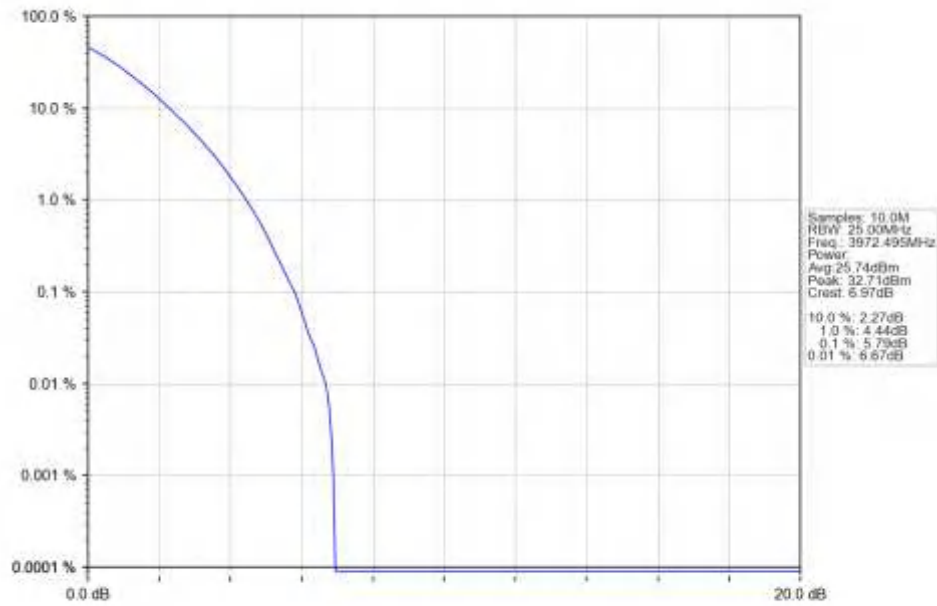
n77a_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3707.505MHz_Outer_Full_Ant1



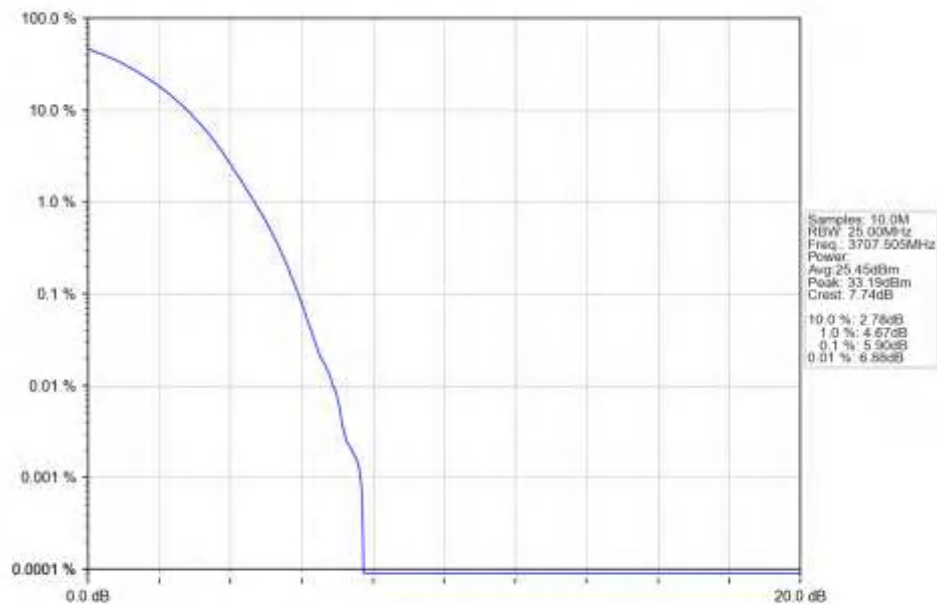
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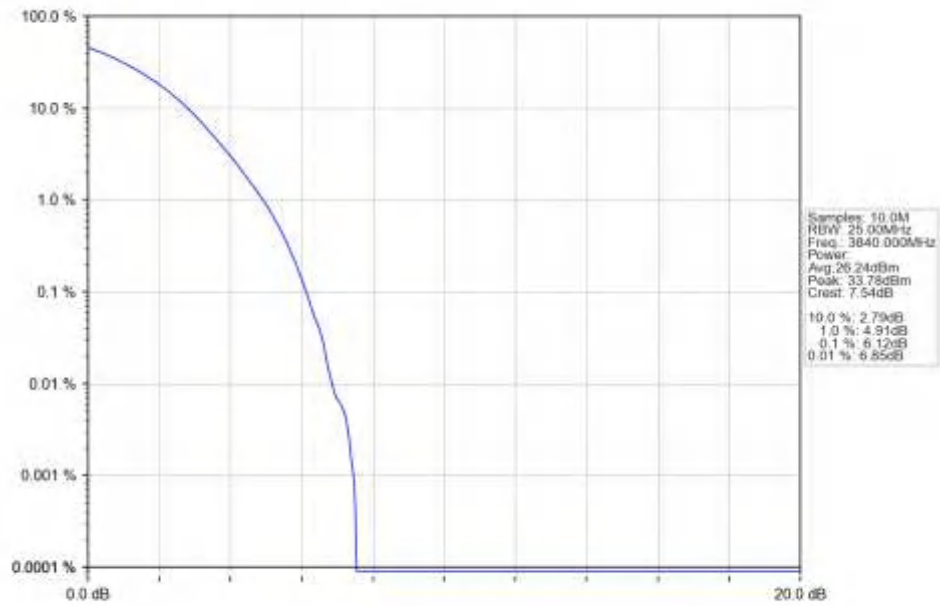
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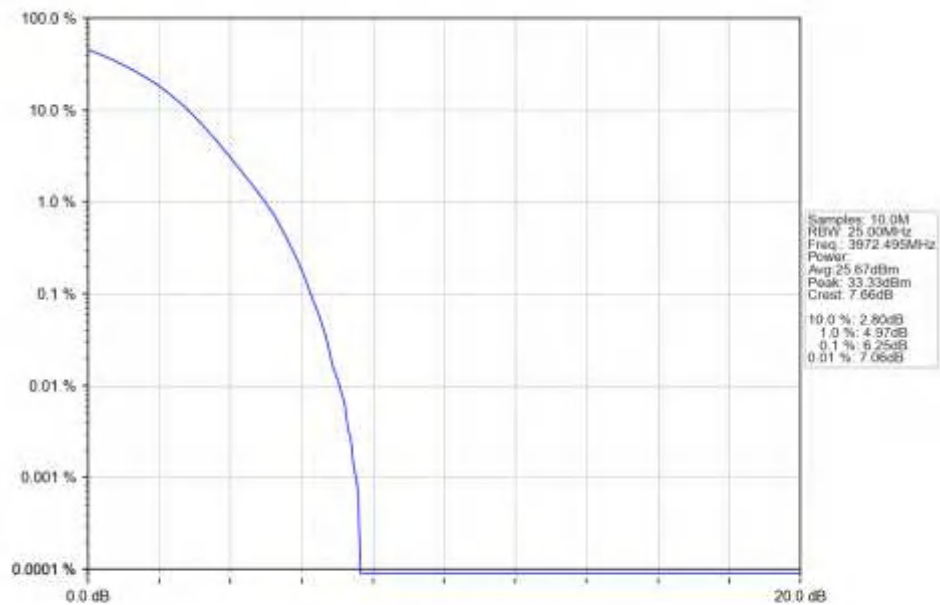
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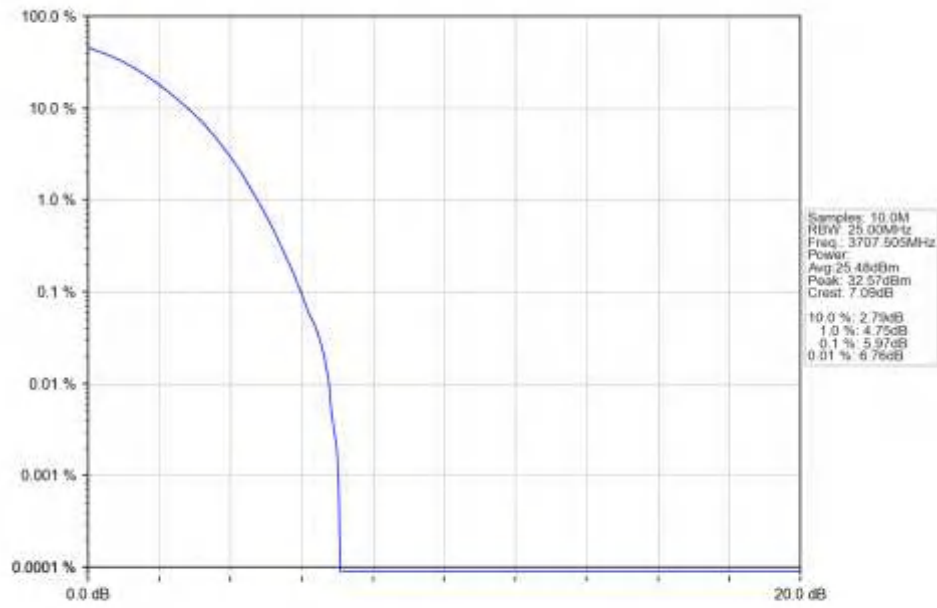
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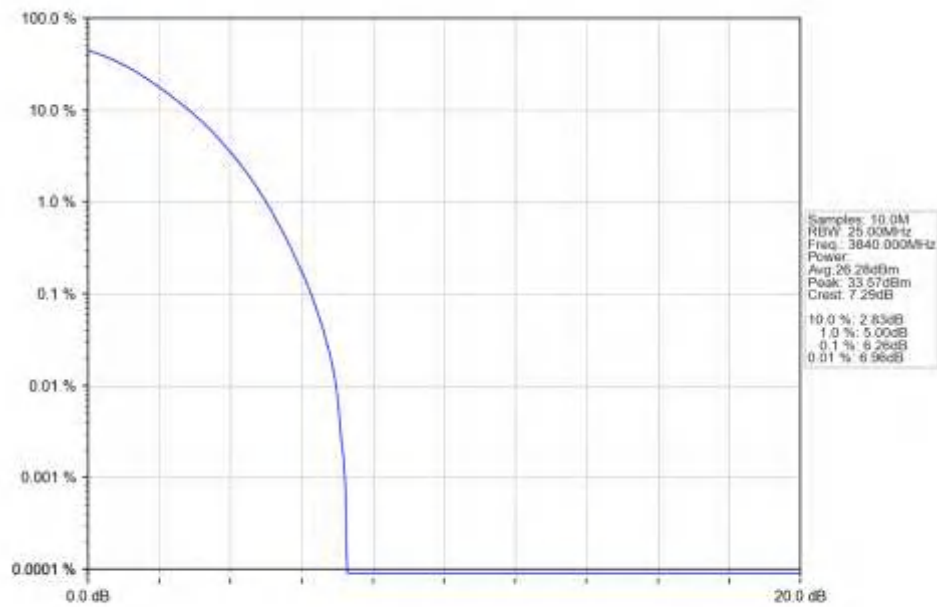
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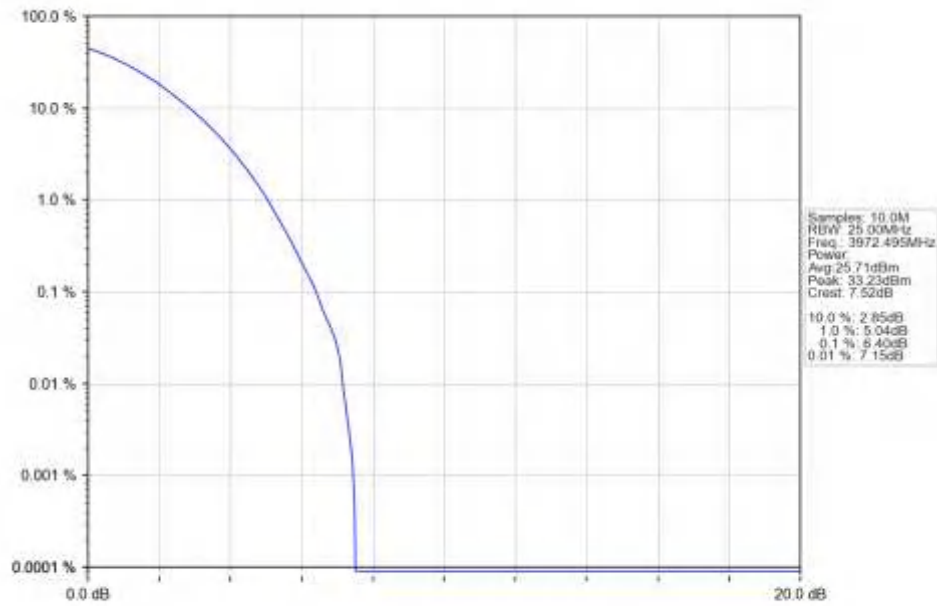
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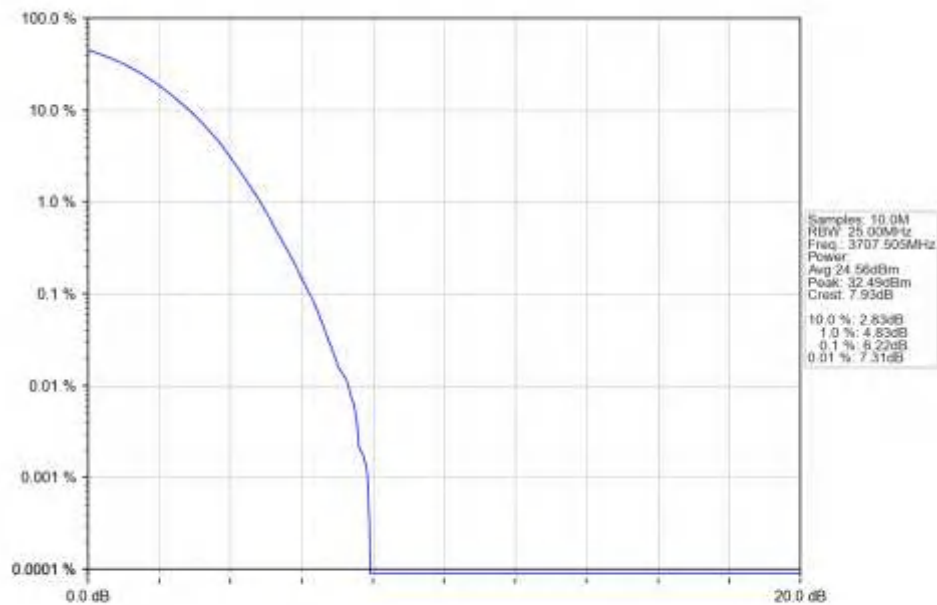
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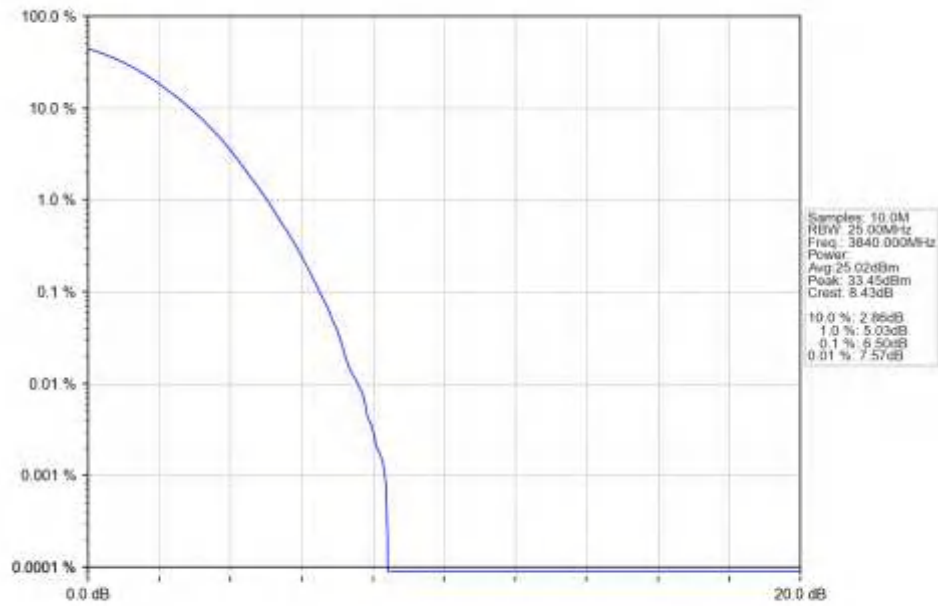
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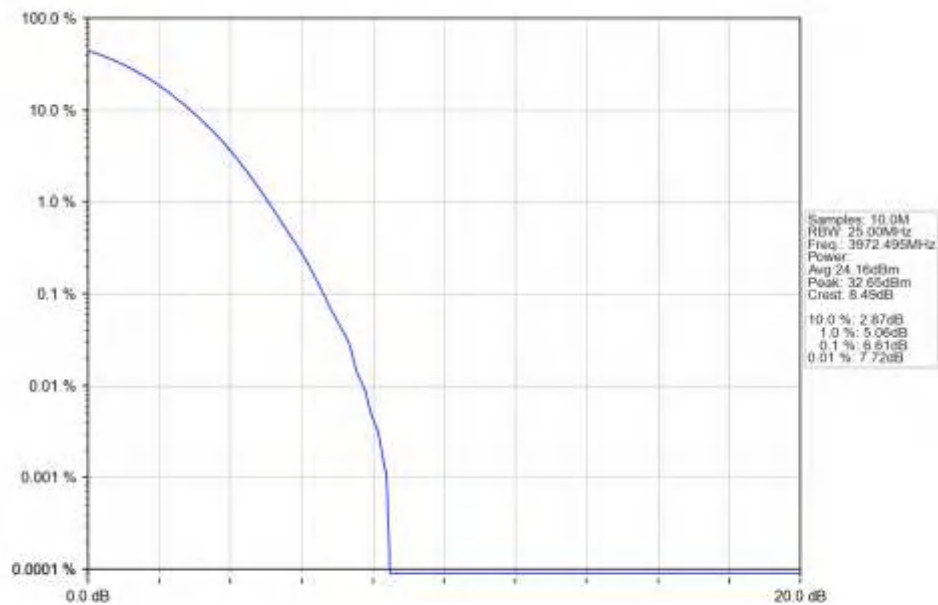
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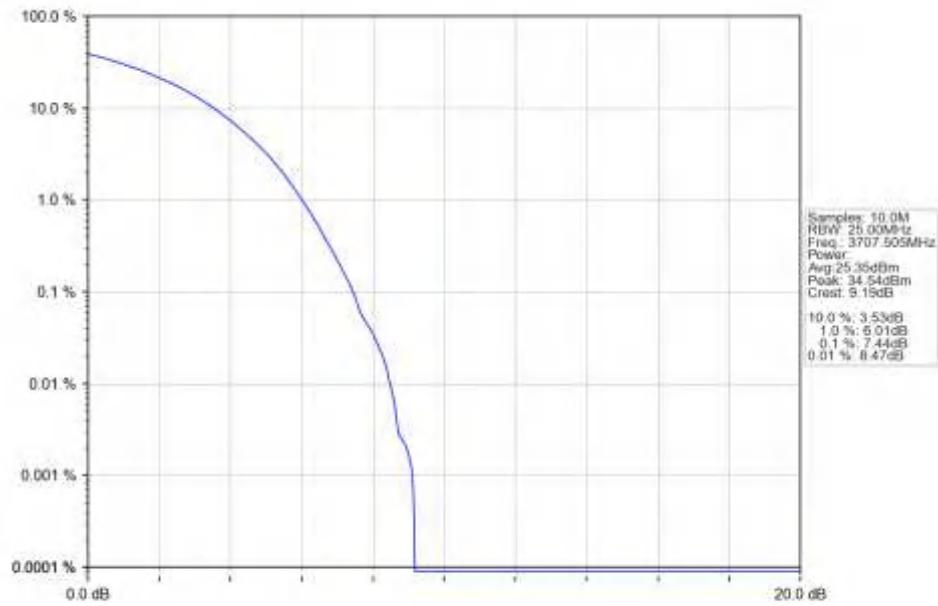
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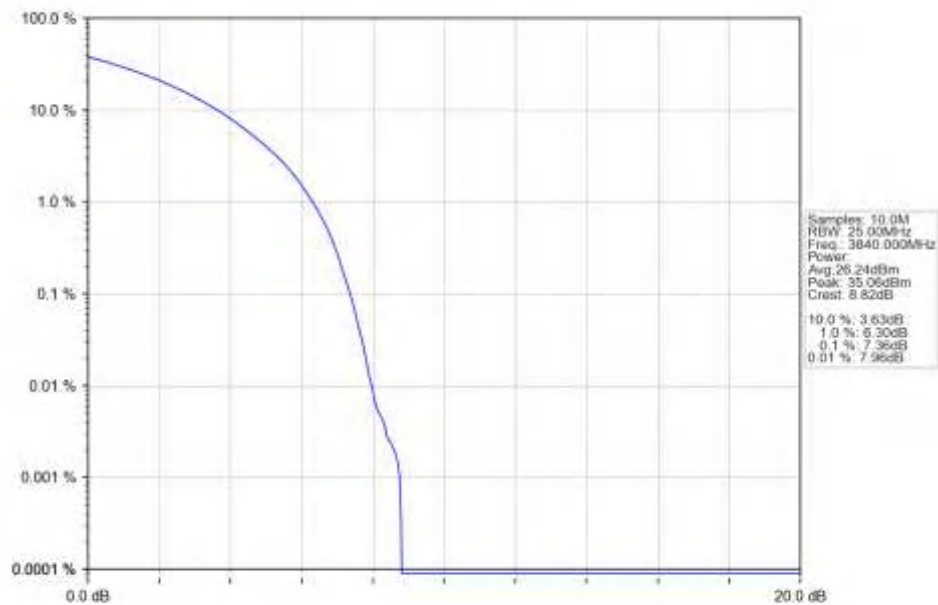
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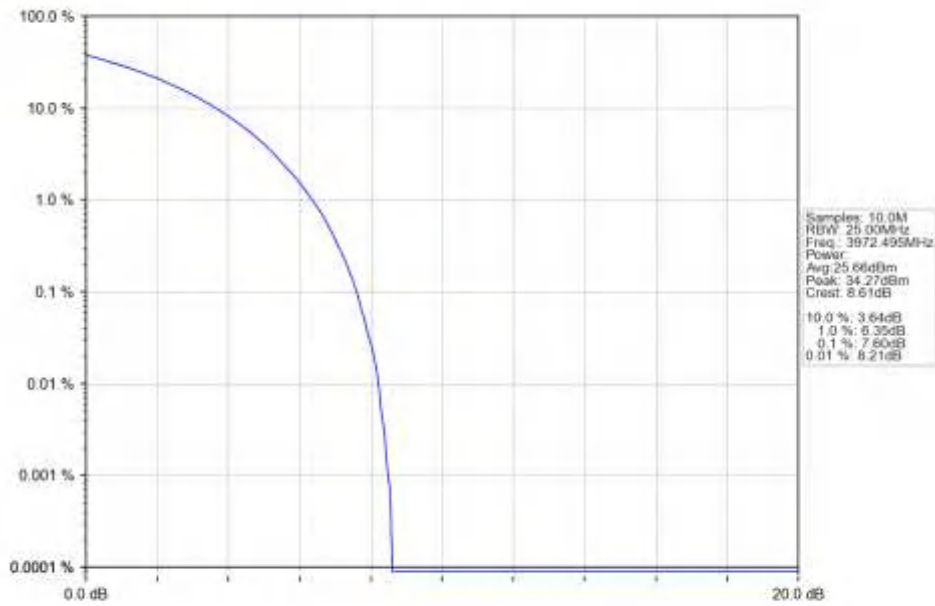
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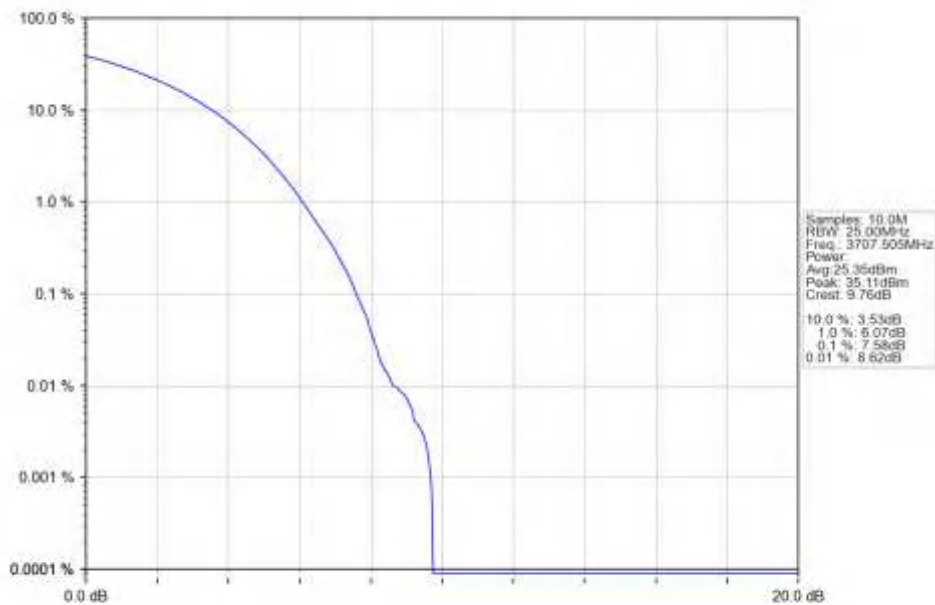
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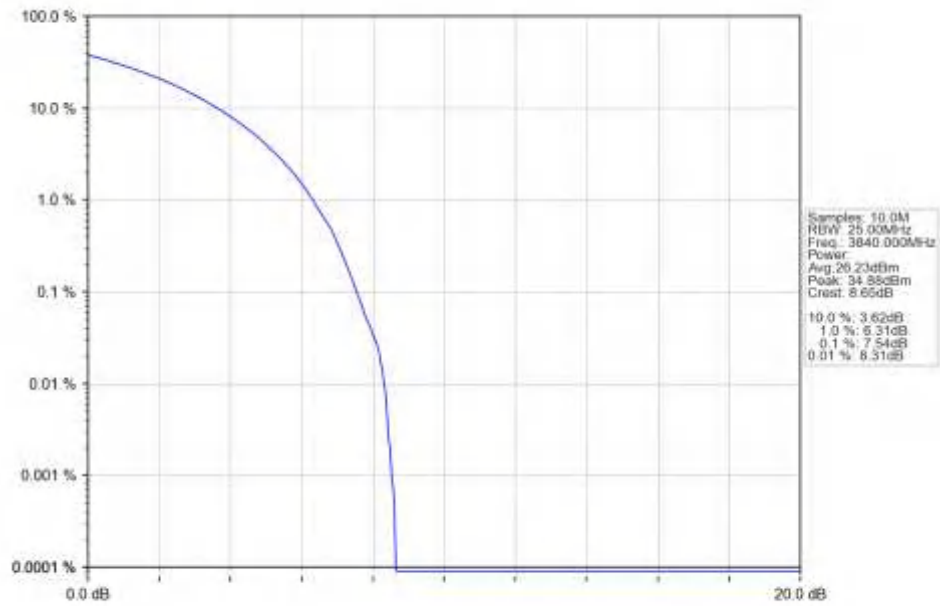
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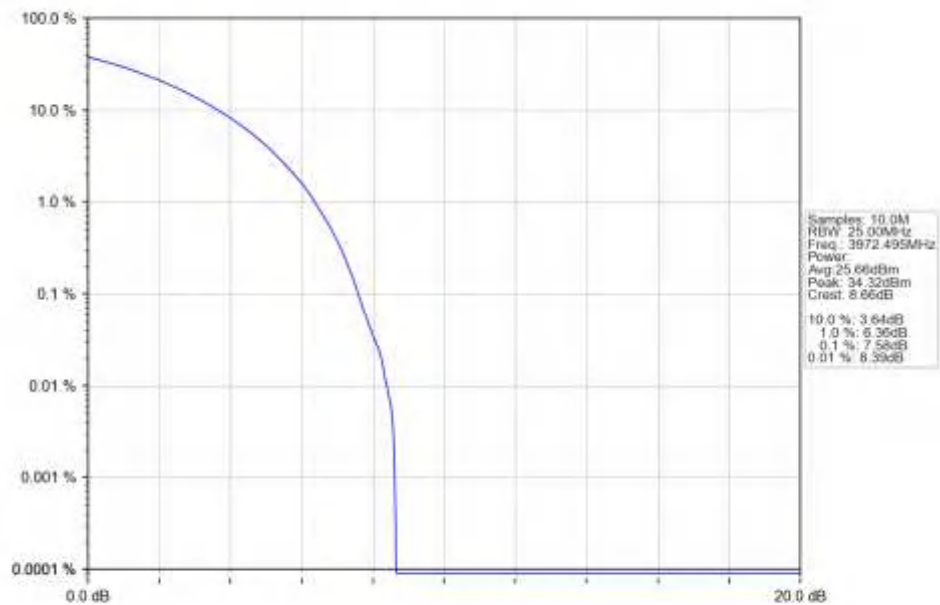
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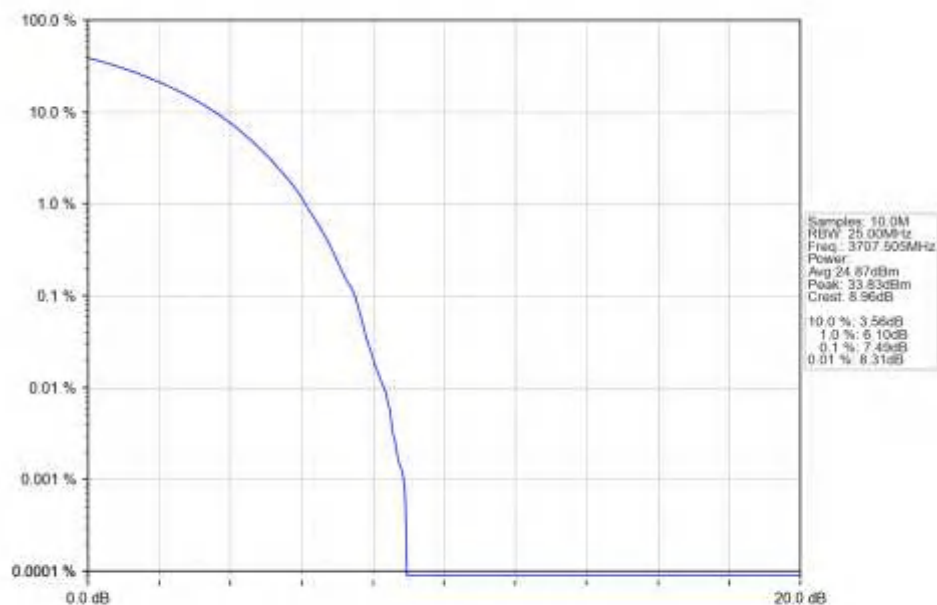
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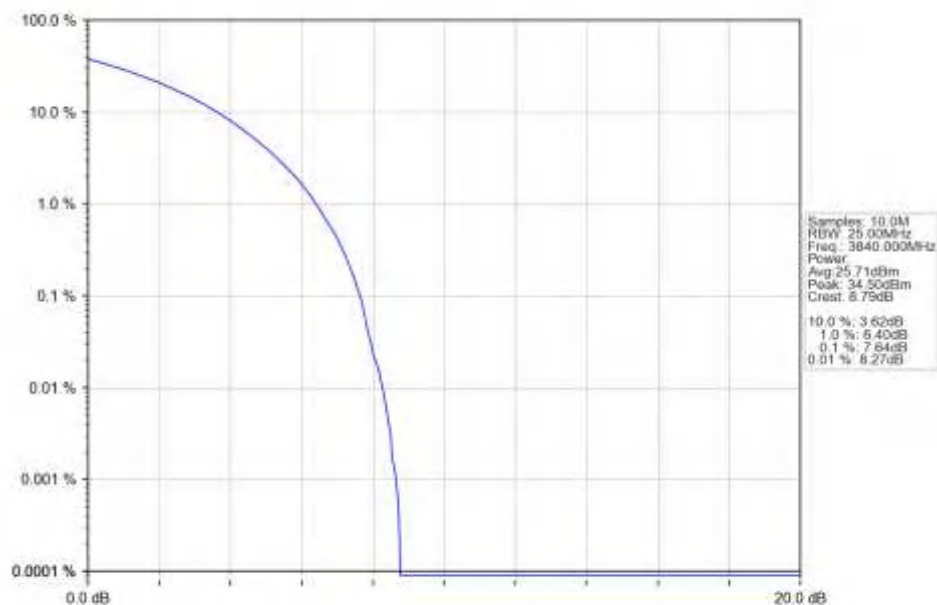
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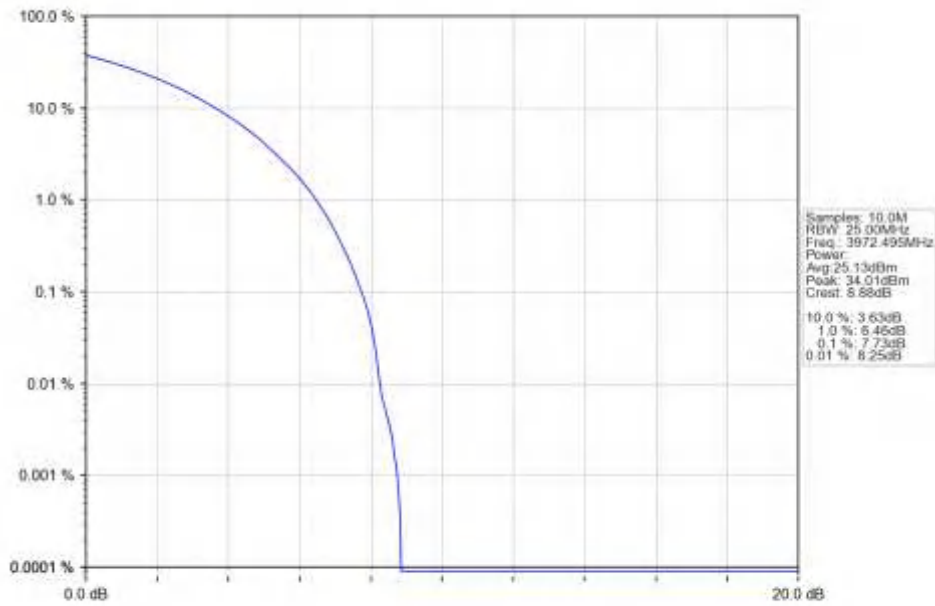
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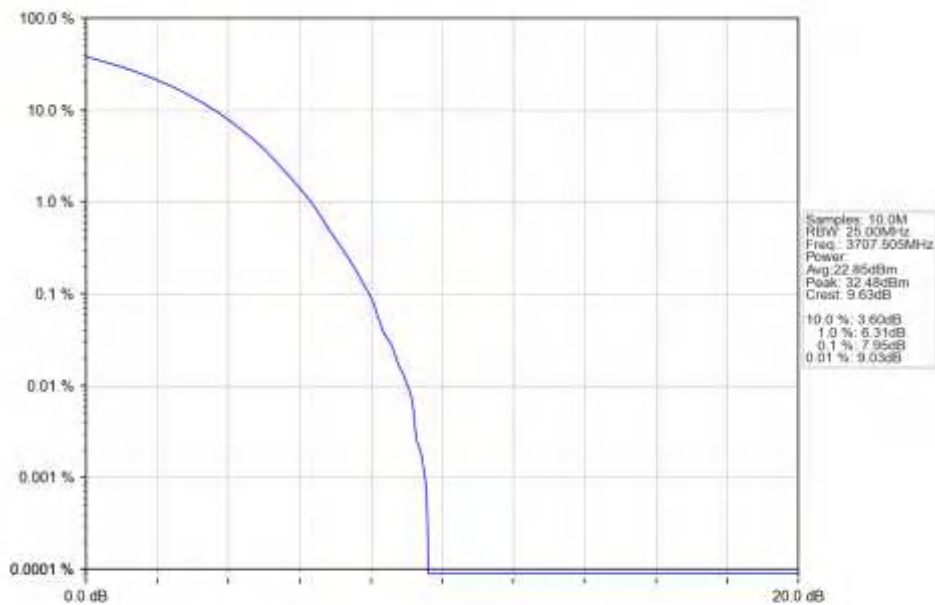
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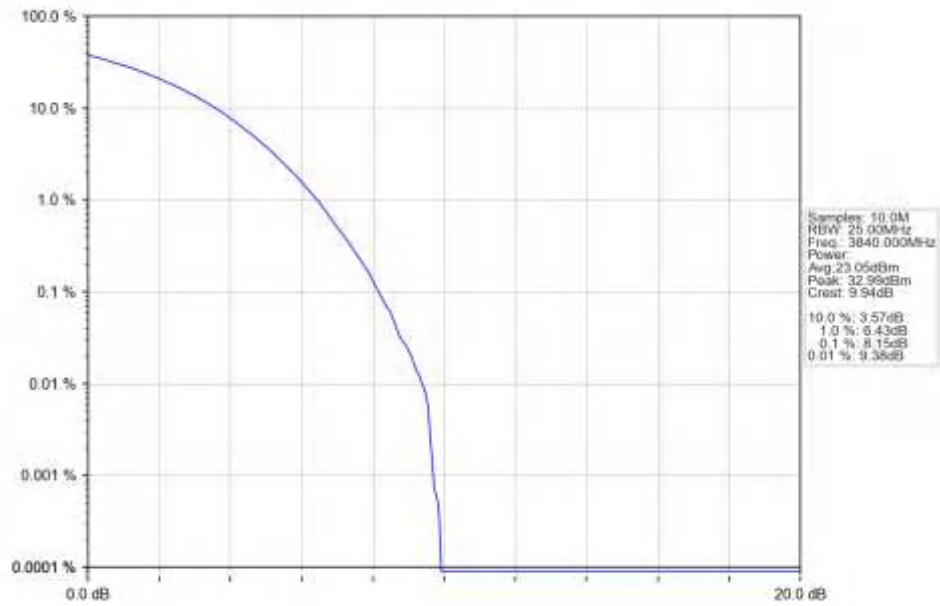
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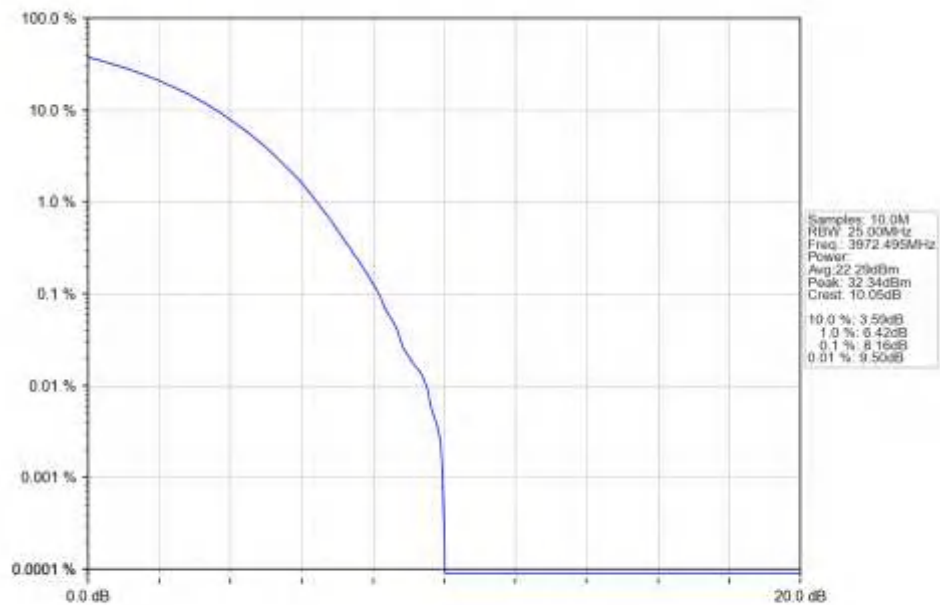
n77a_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3707.505MHz_Outer_Full_Ant1



n77a_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

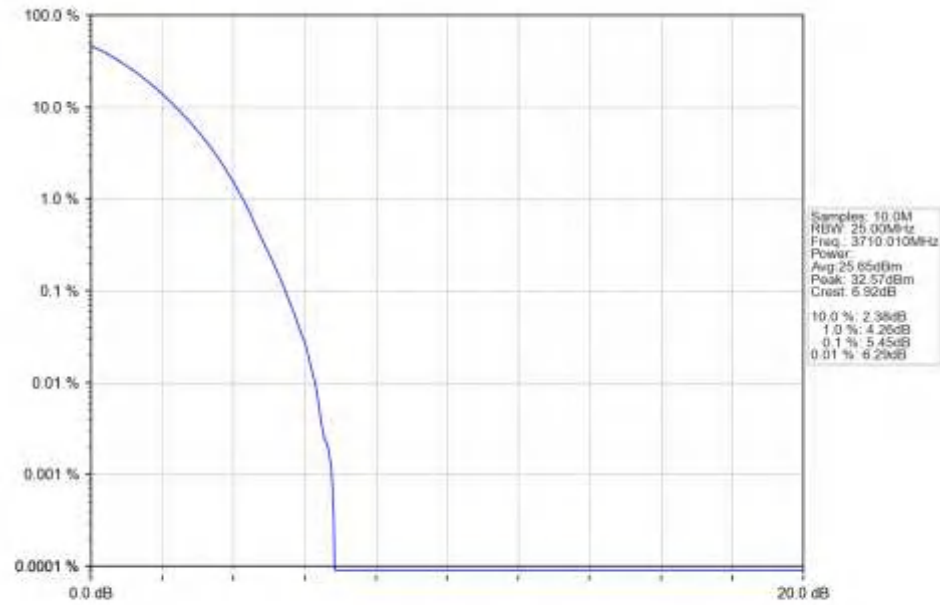


n77a_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3972.495MHz_Outer_Full_Ant1

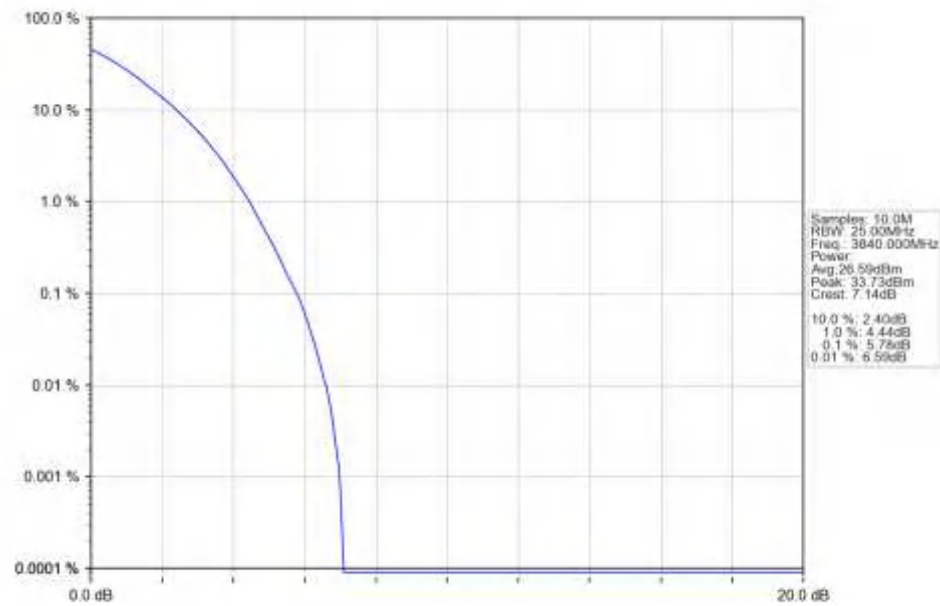


5.2.3 15k_SISO_20MHz_NTNV

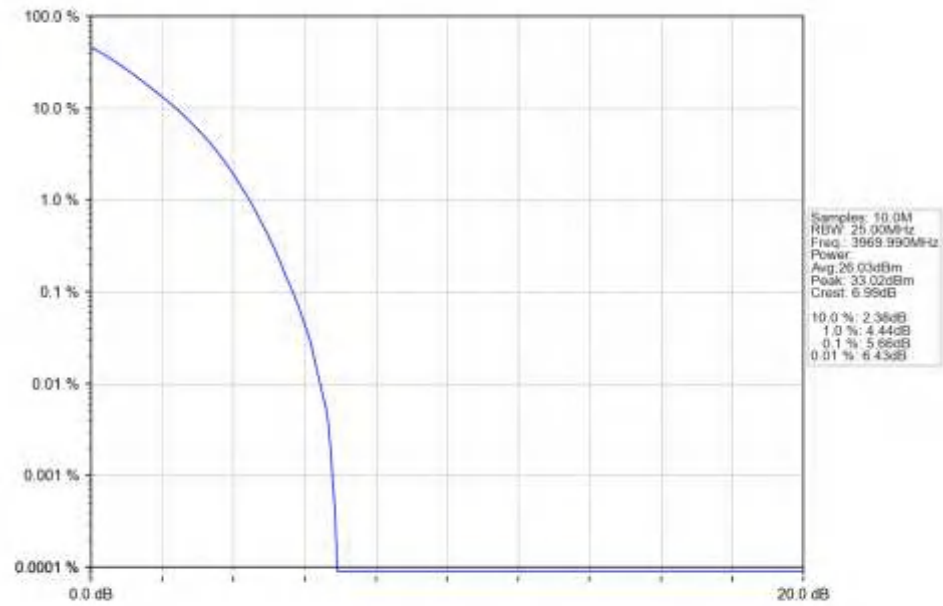
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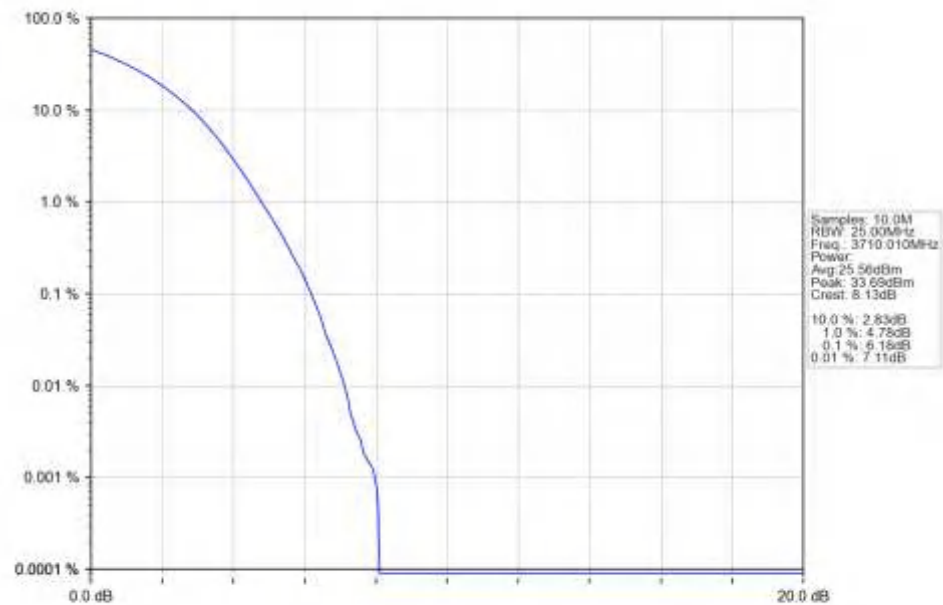
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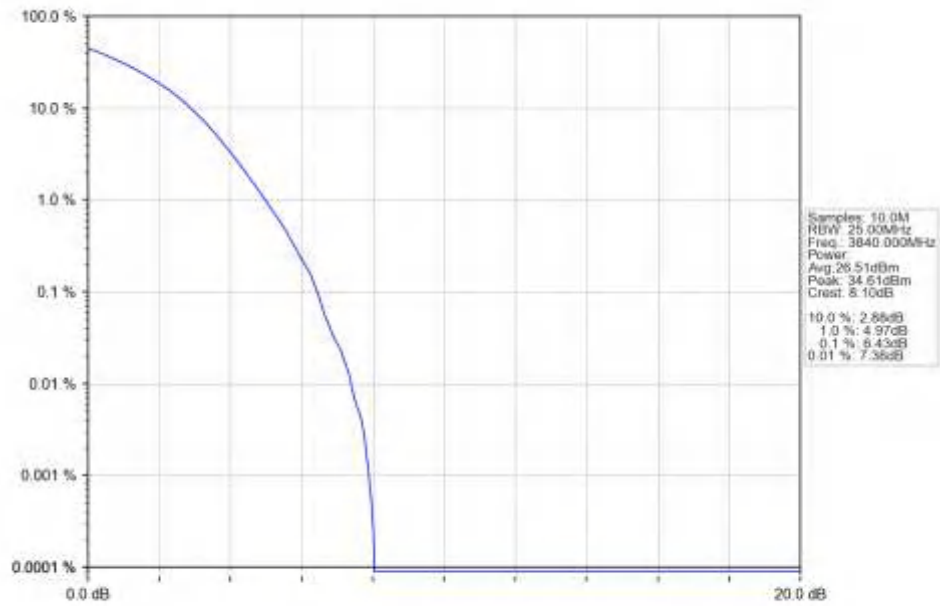
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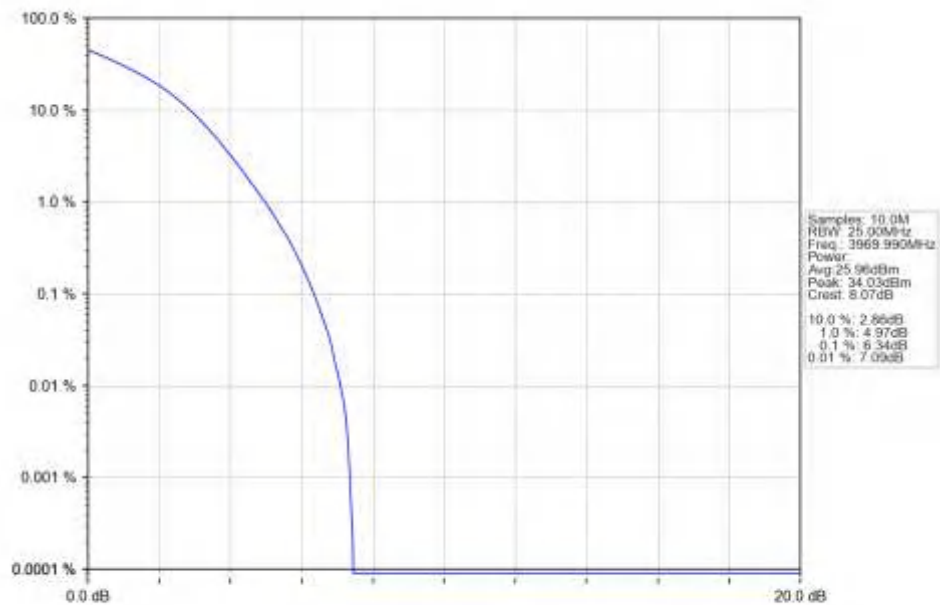
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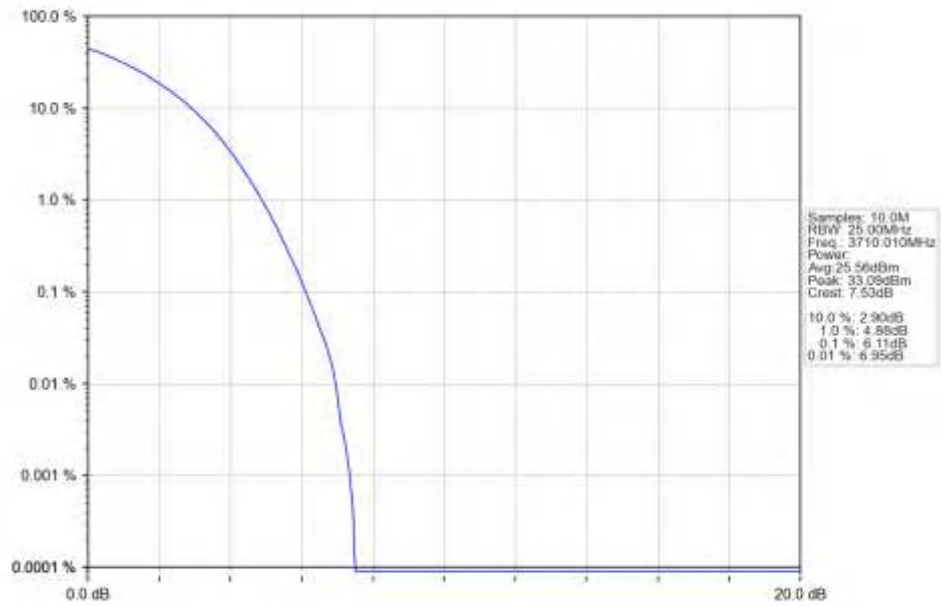
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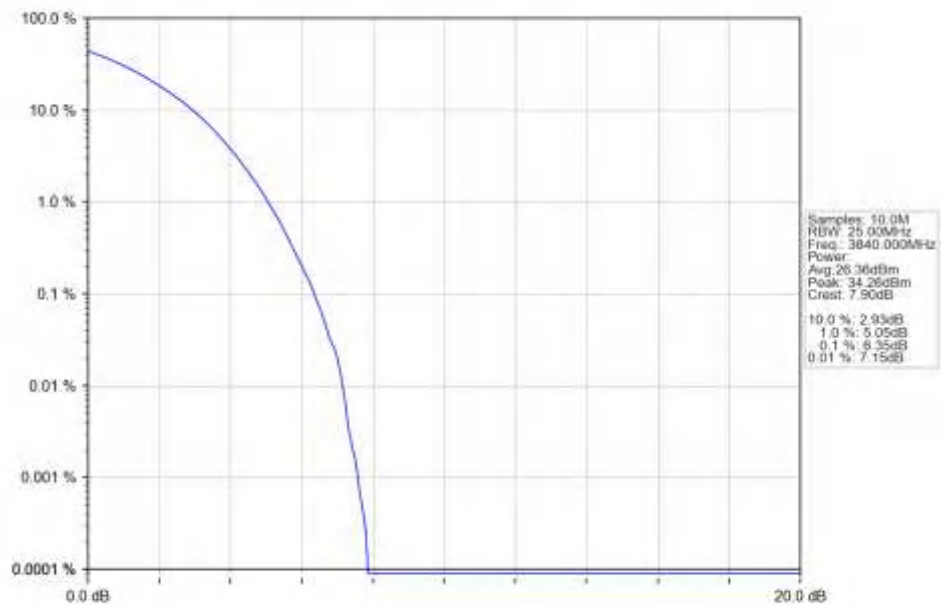
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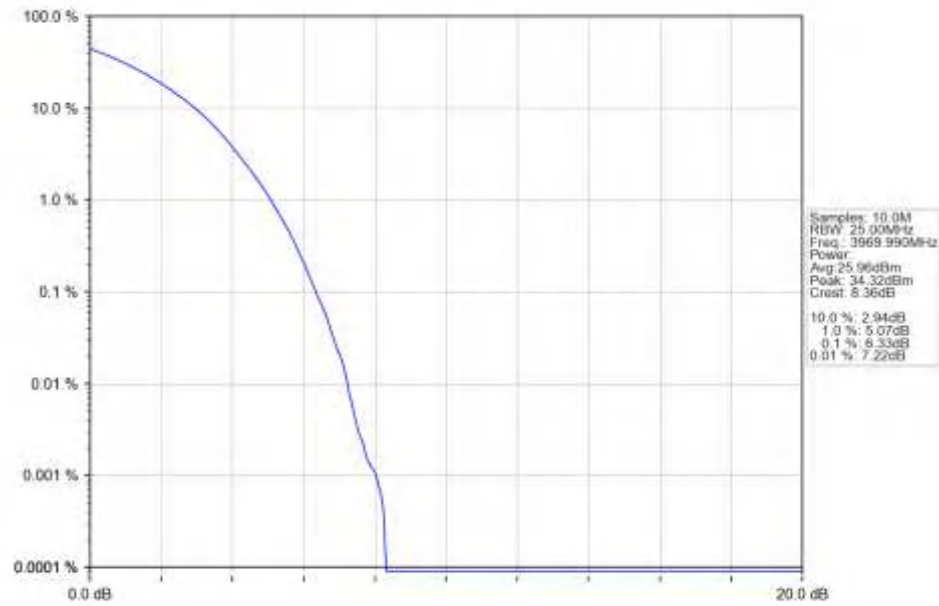
n77a 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3710.01MHz Outer Full Ant1



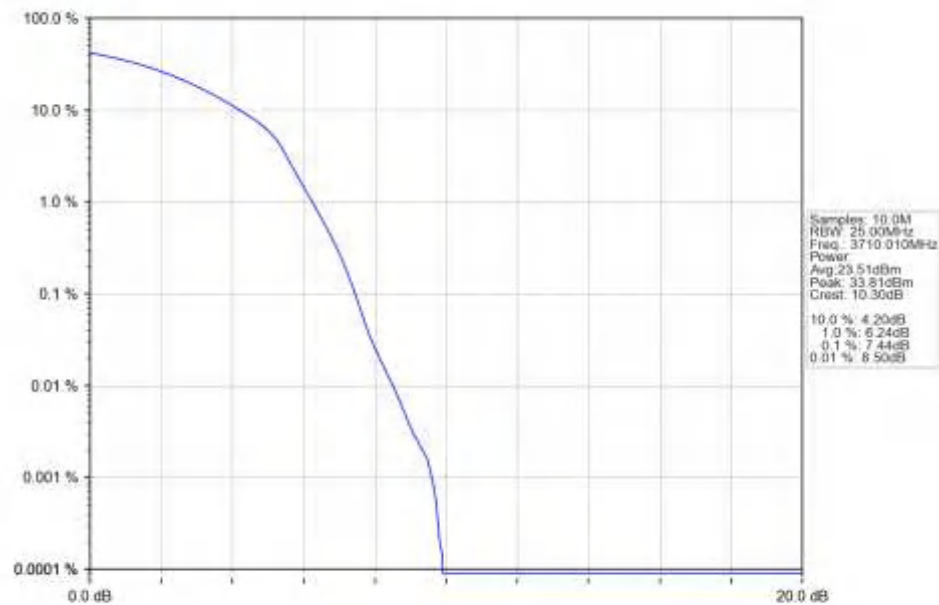
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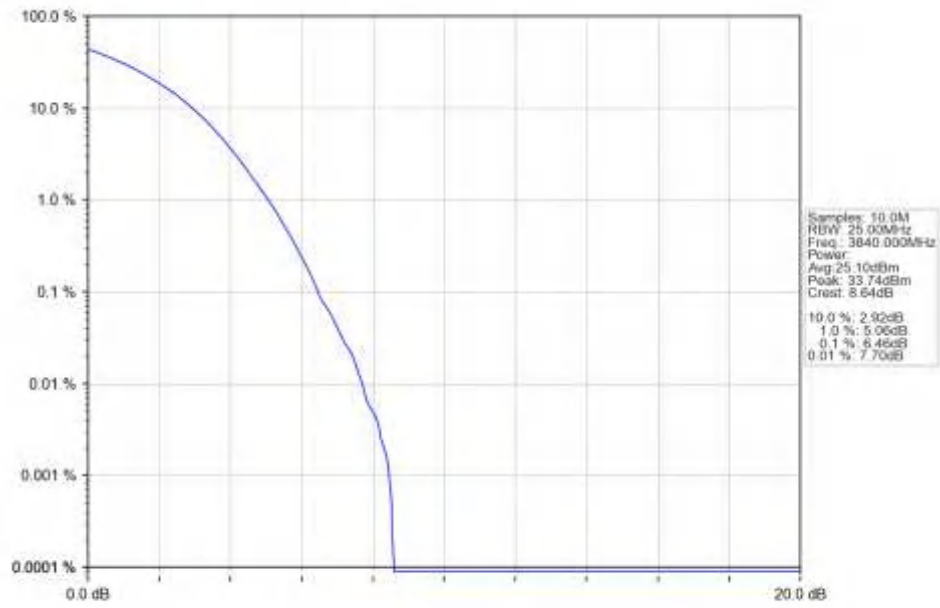
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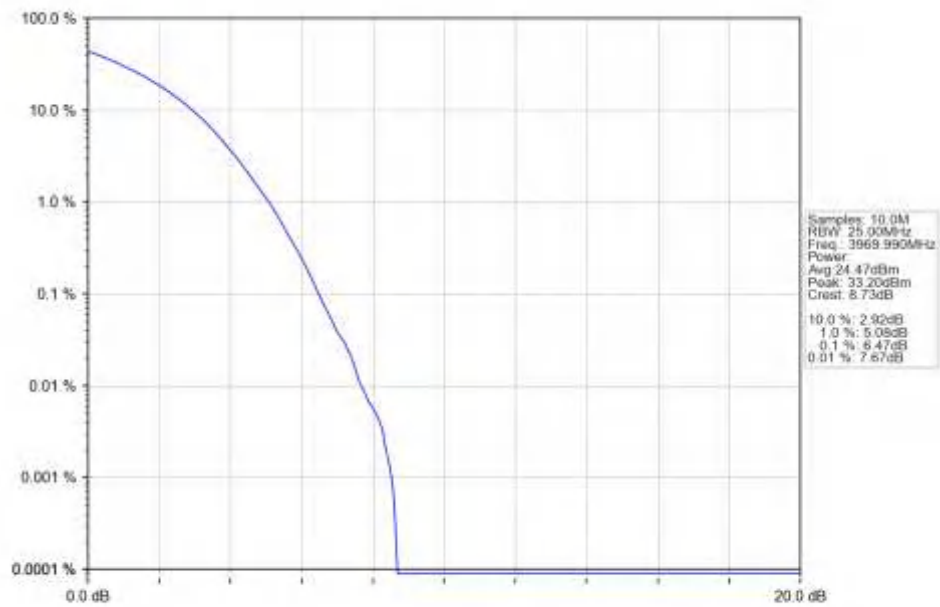
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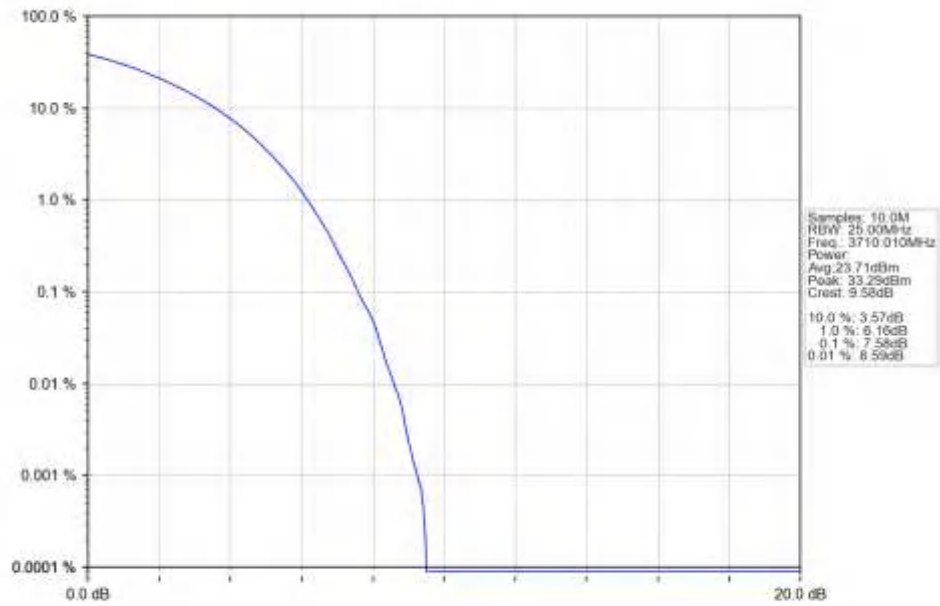
n77a_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



n77a_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3969.99MHz_Outer_Full_Ant1



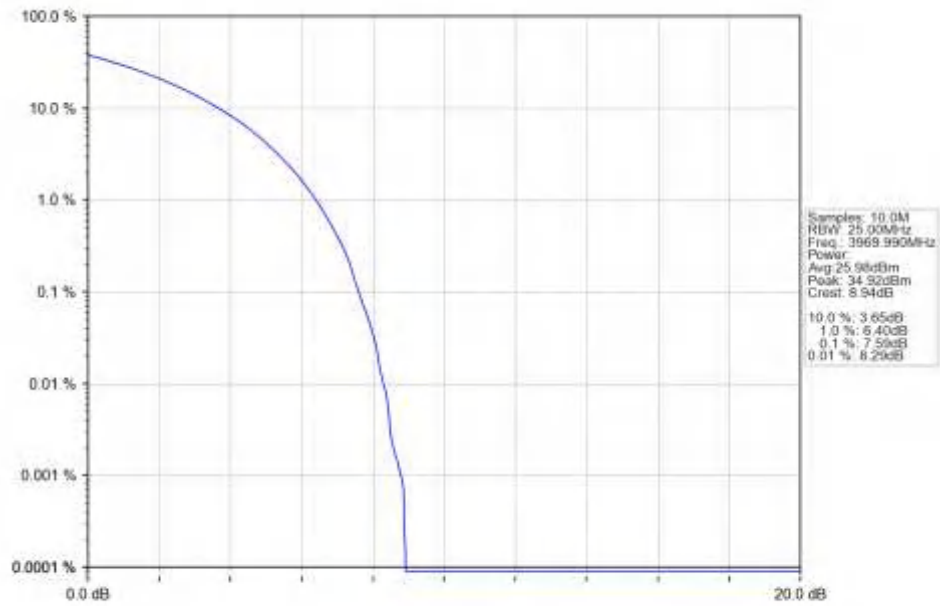
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n77a_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



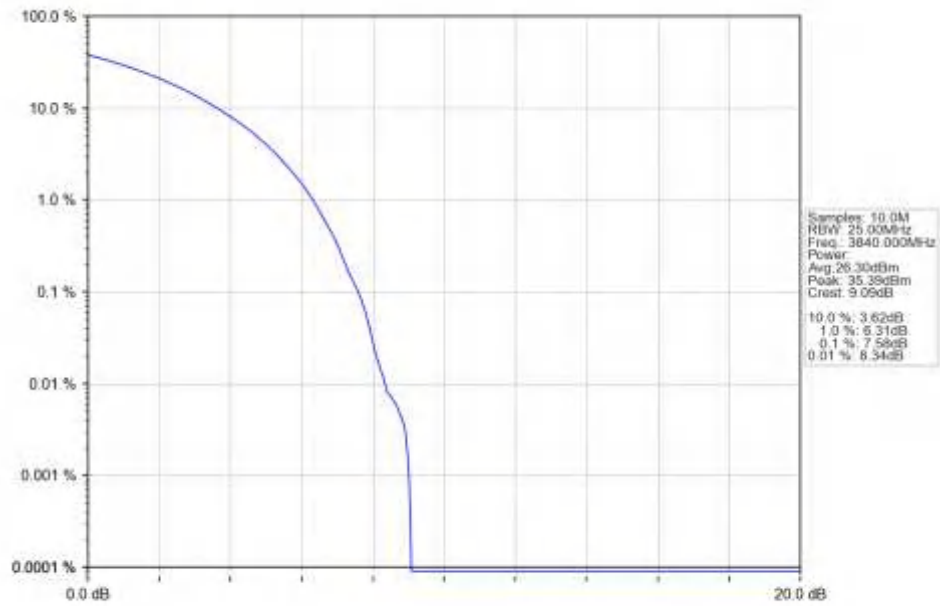
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n77a_15kHz_SISO_NTNV_20MHz_CP-OFDM_16QAM_3710.01MHz_Outer_Full_Ant1



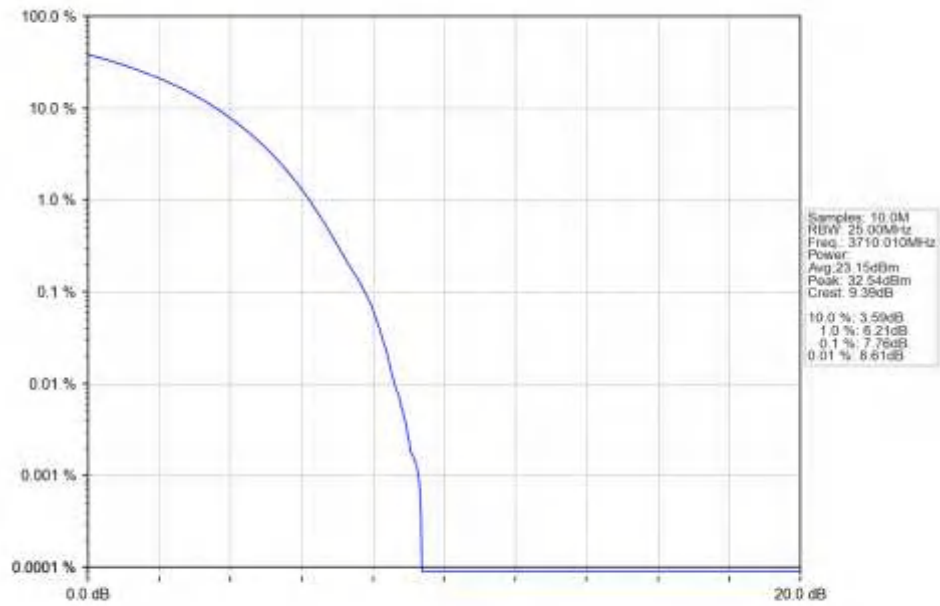
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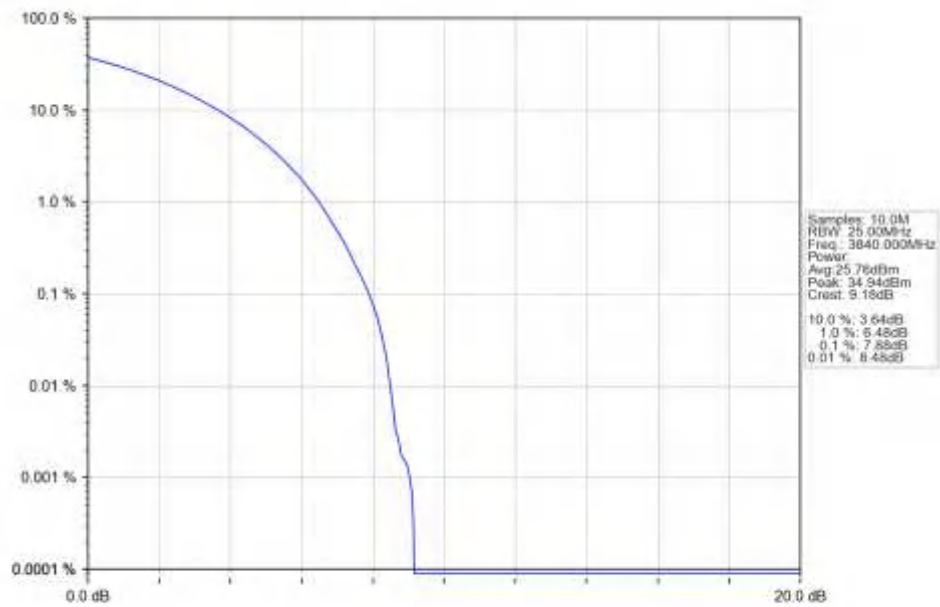
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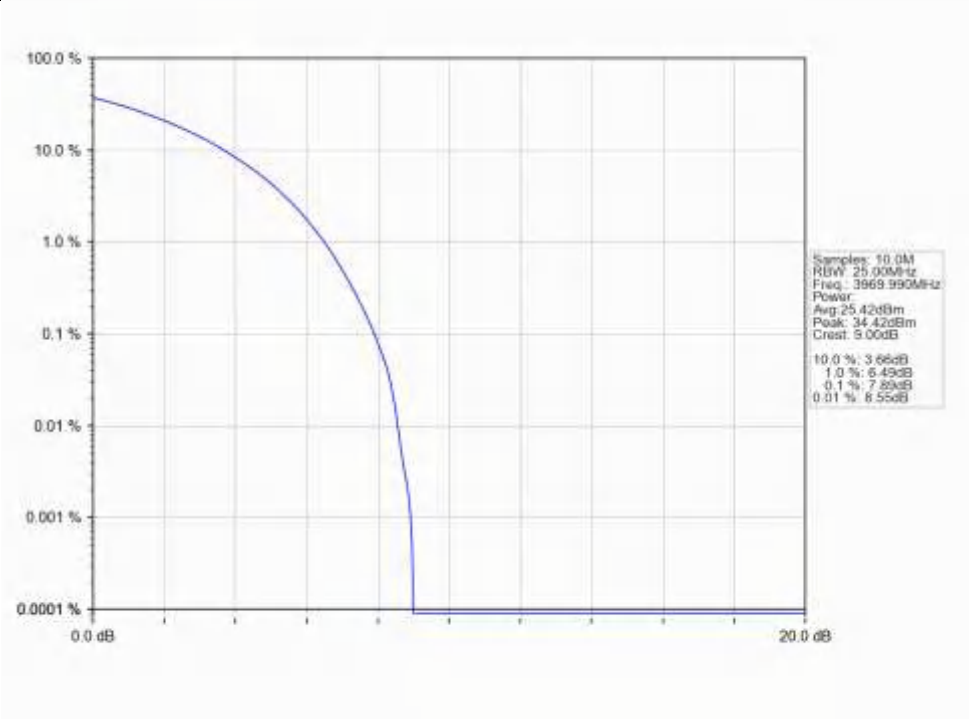
n77a 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 3710.01MHz Outer Full Ant1



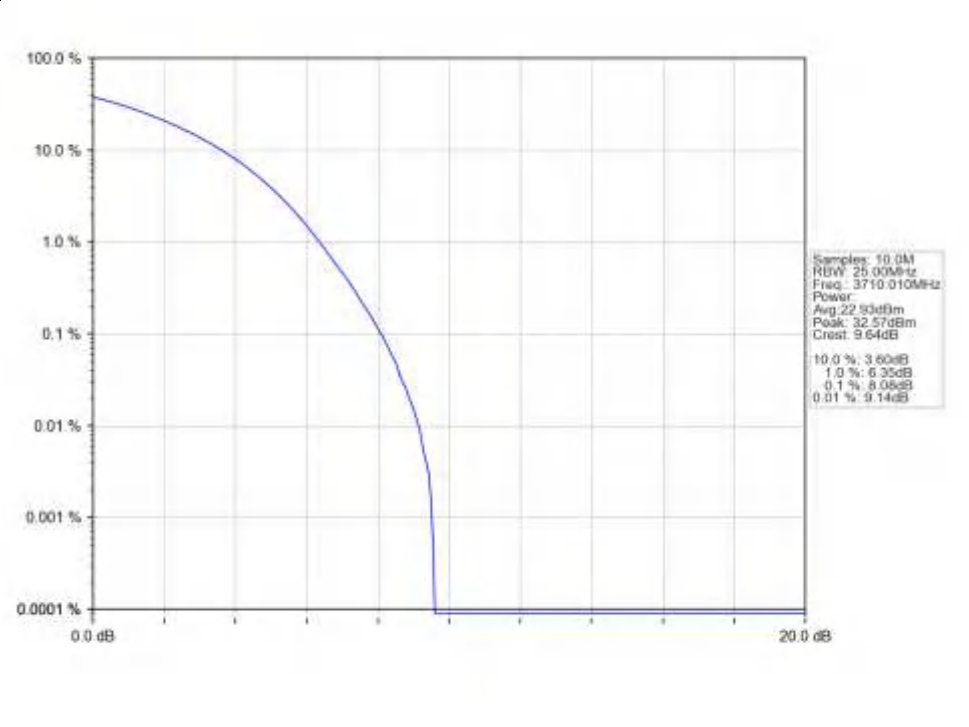
n77a 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



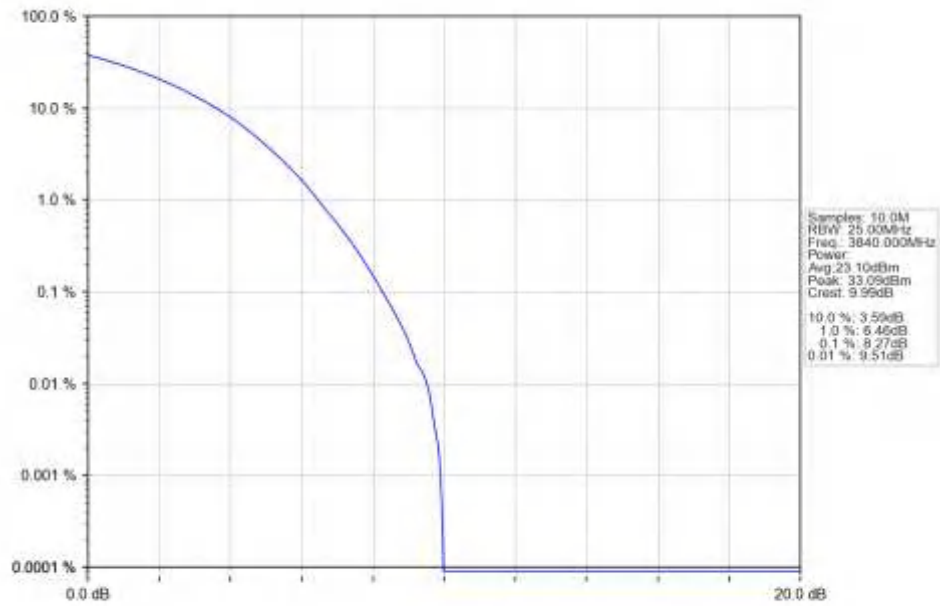
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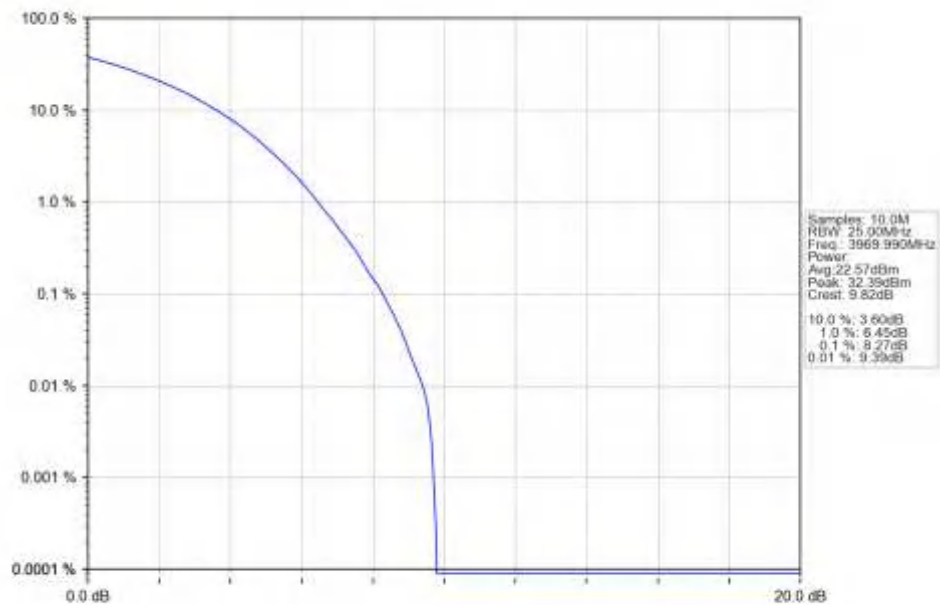
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n77a_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

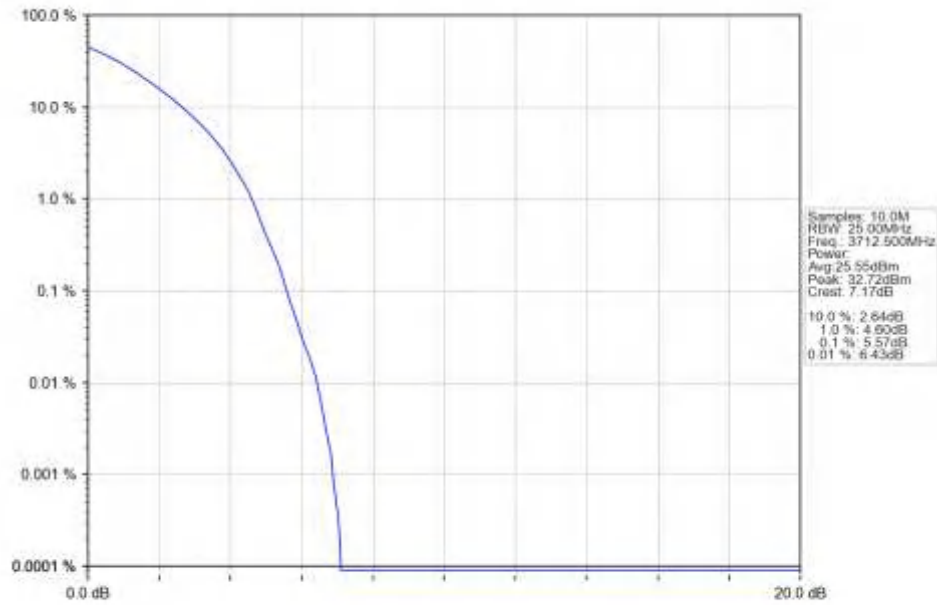


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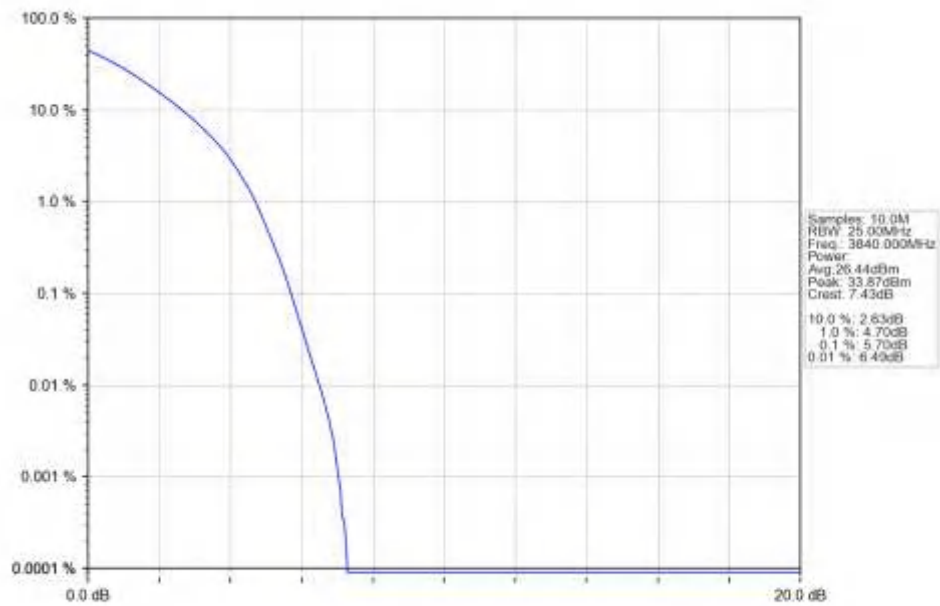


5.2.4 15k_SISO_25MHz_NTNV

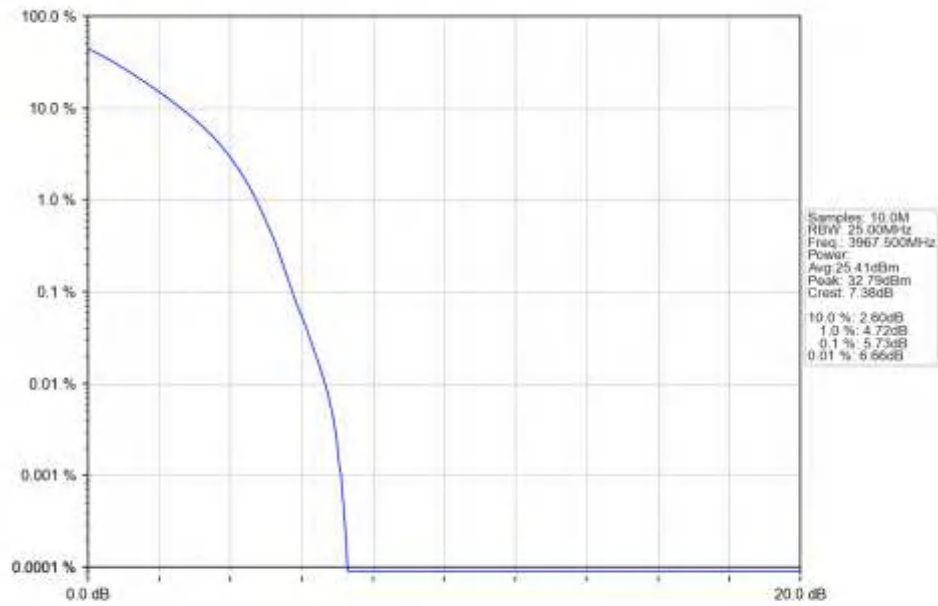
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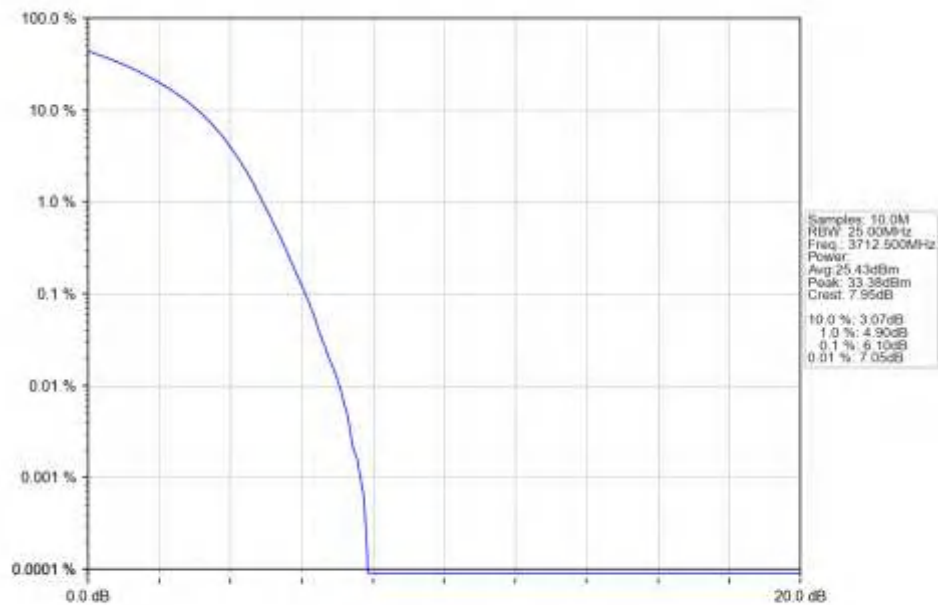
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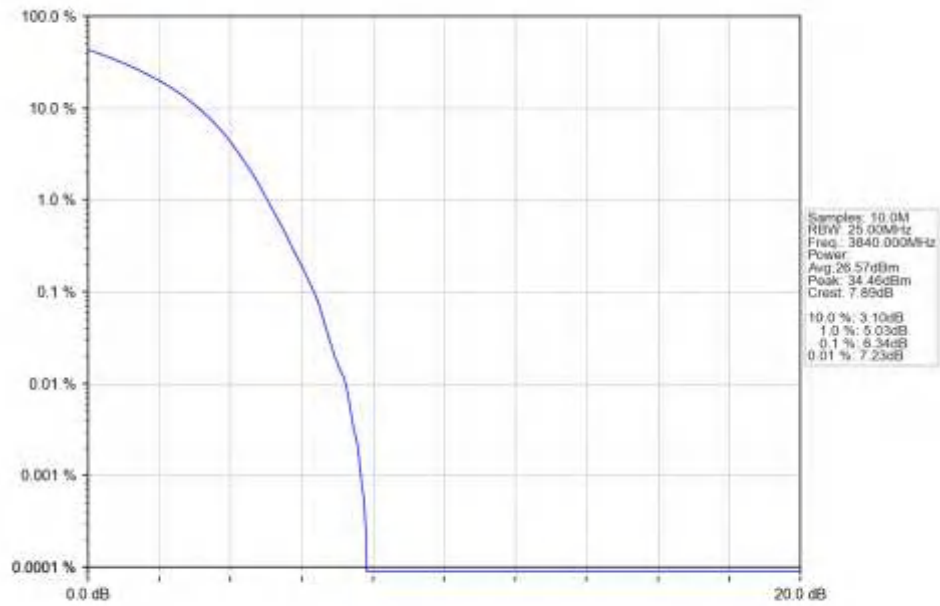
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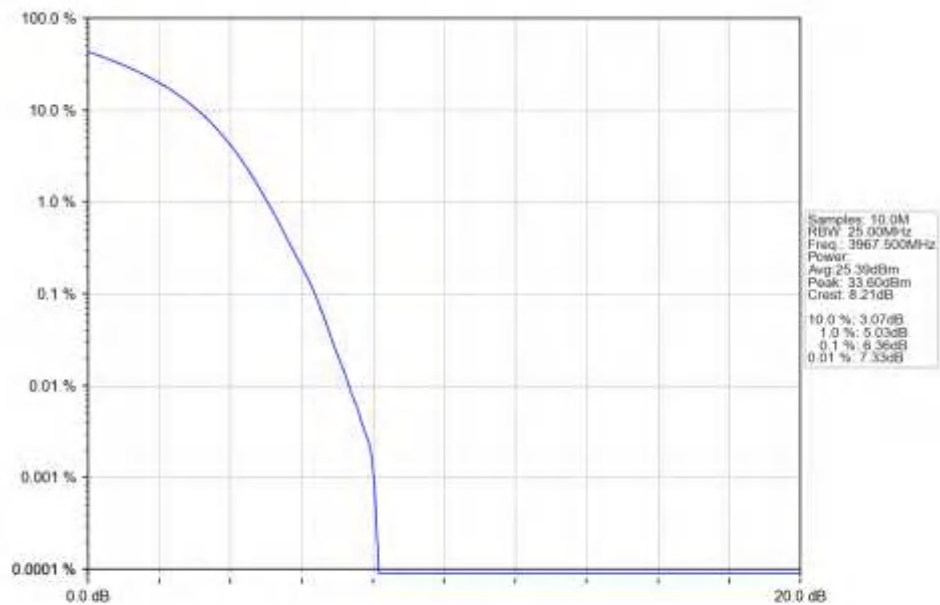
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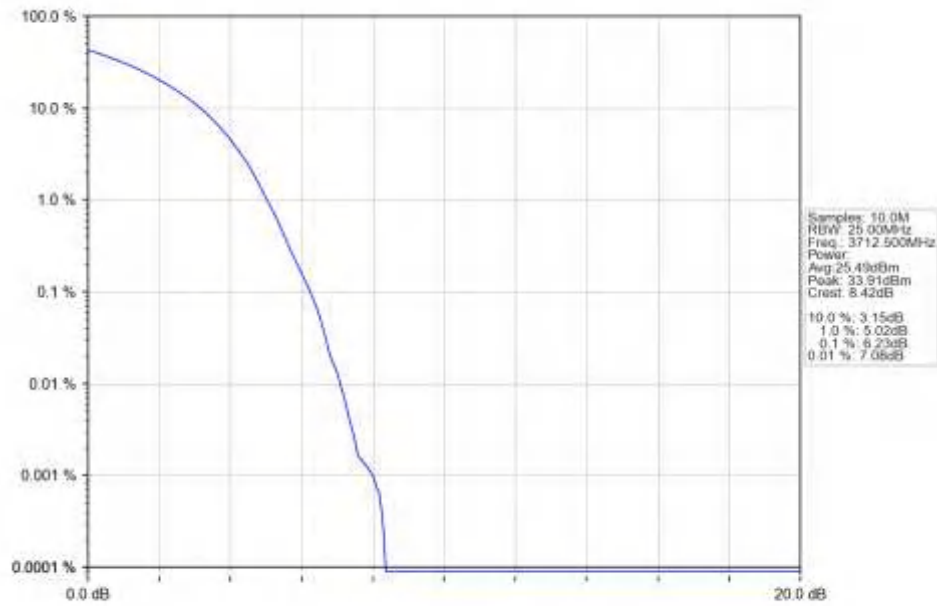
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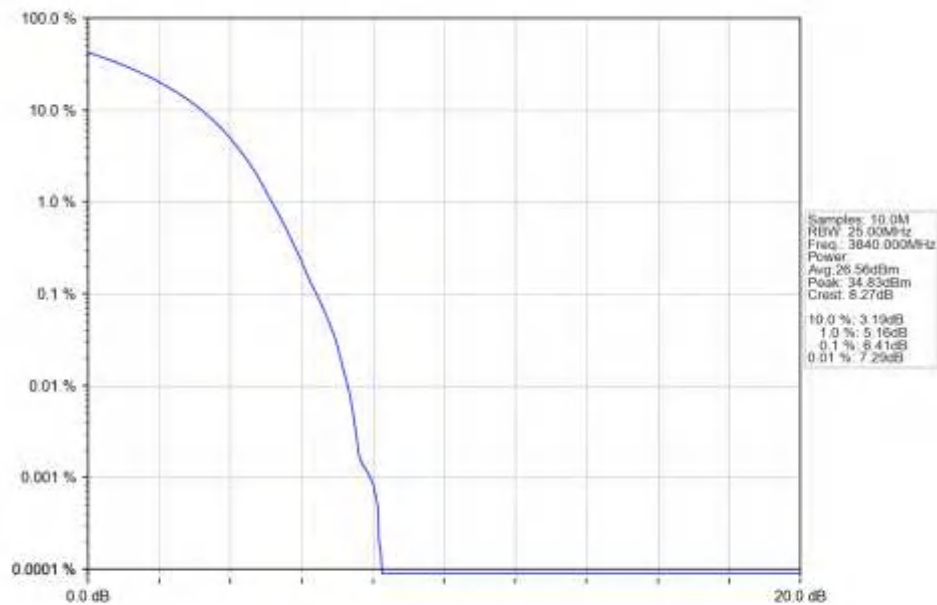
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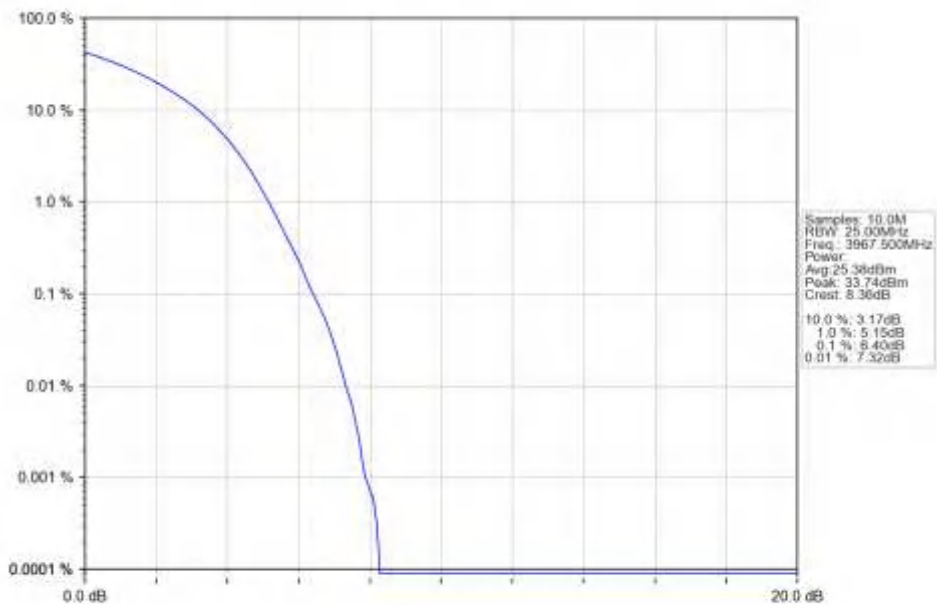
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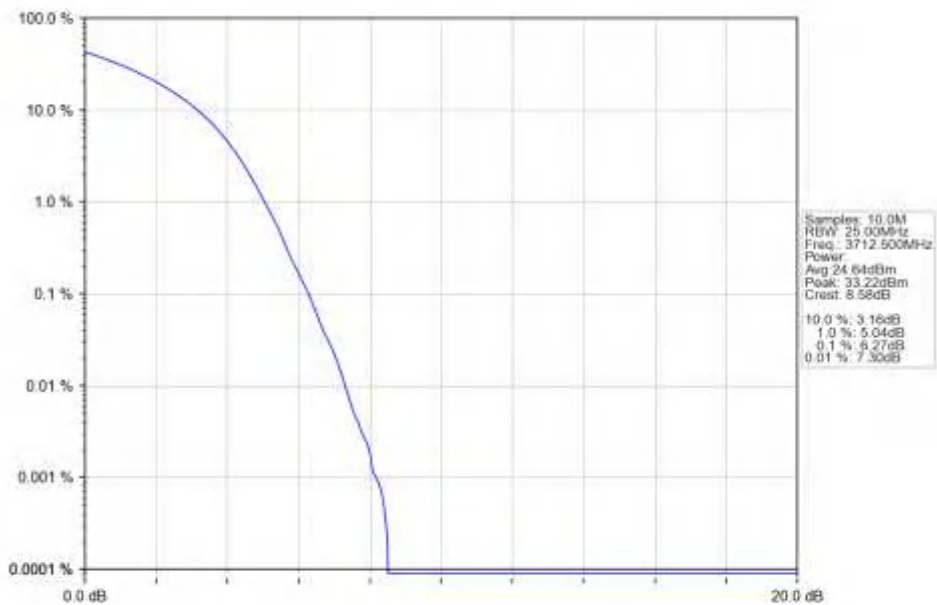
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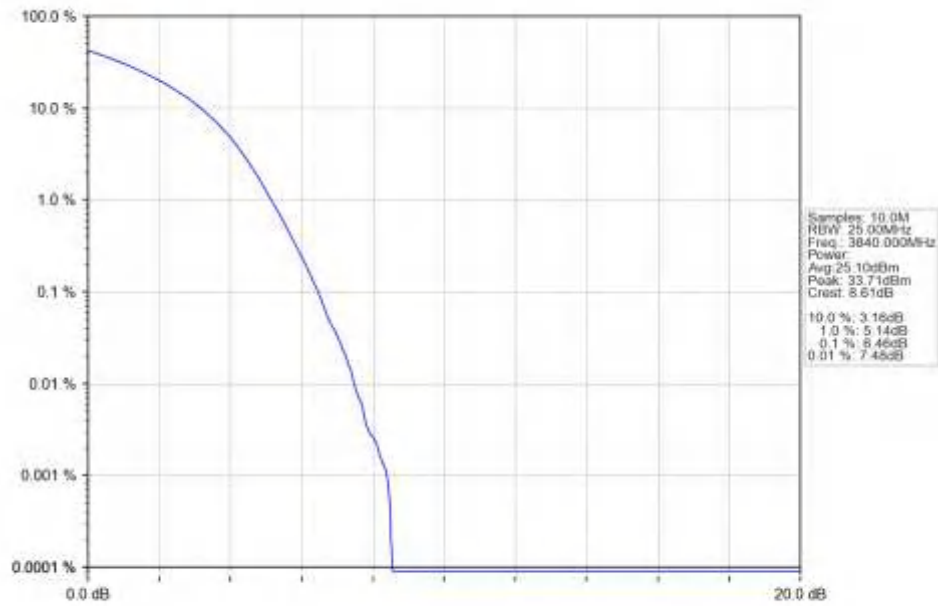
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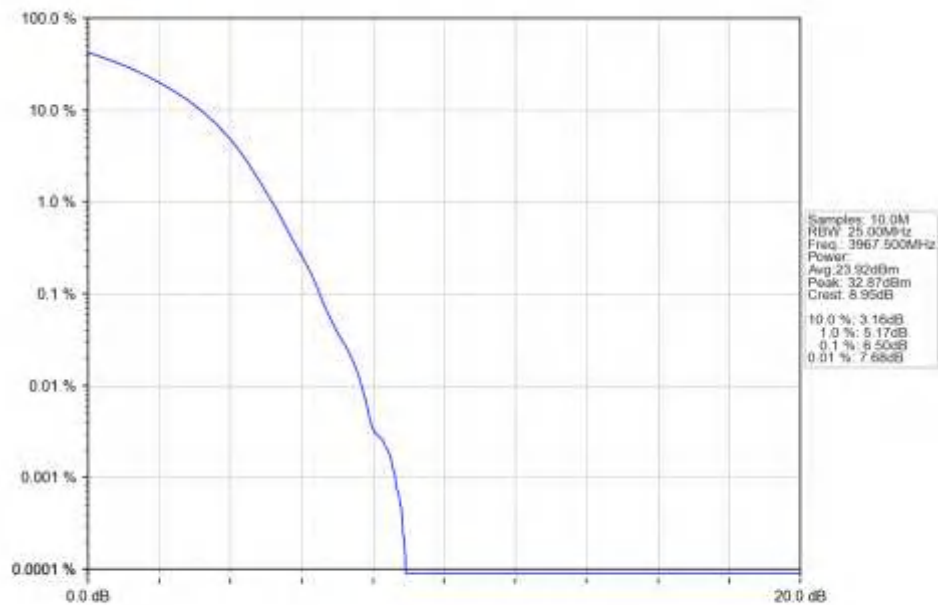
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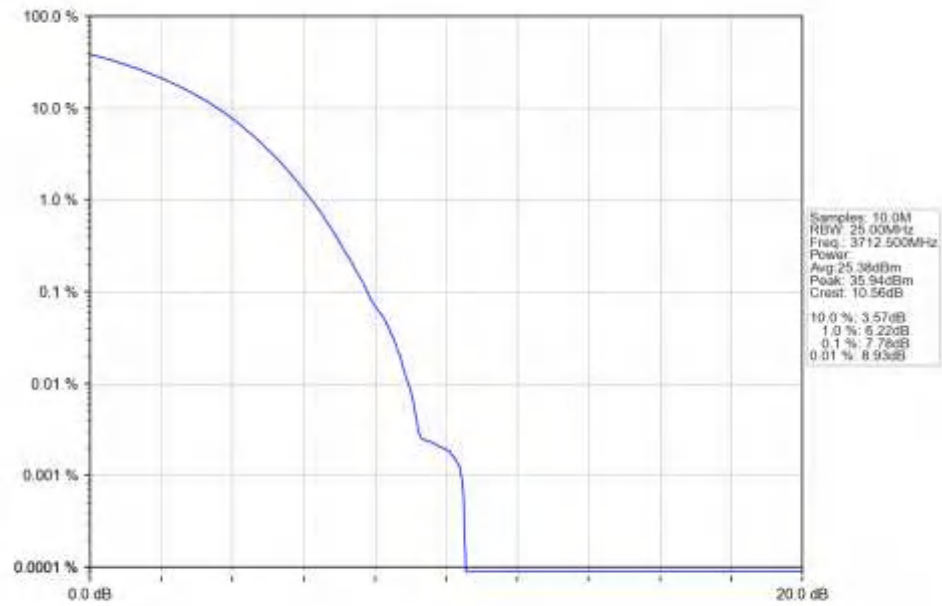
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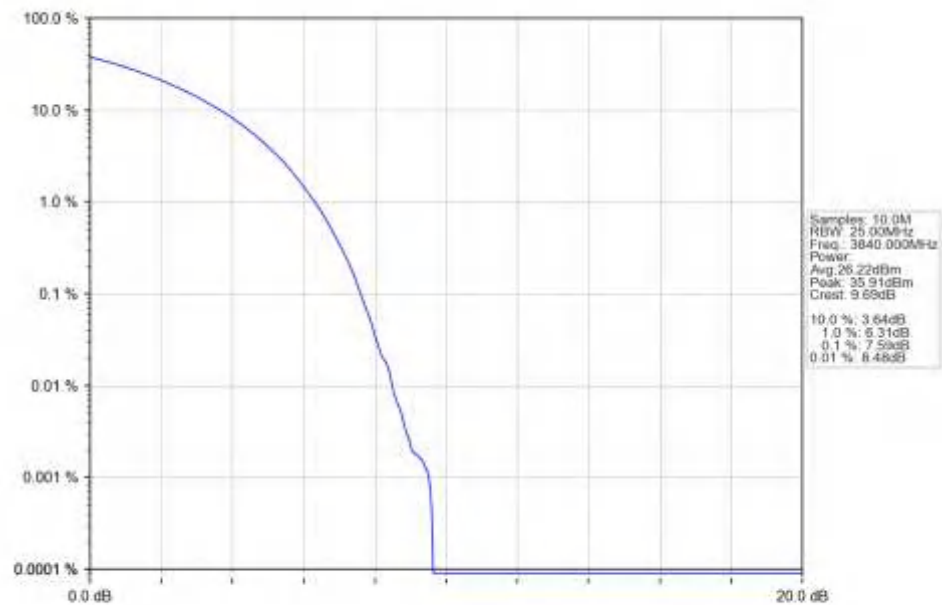
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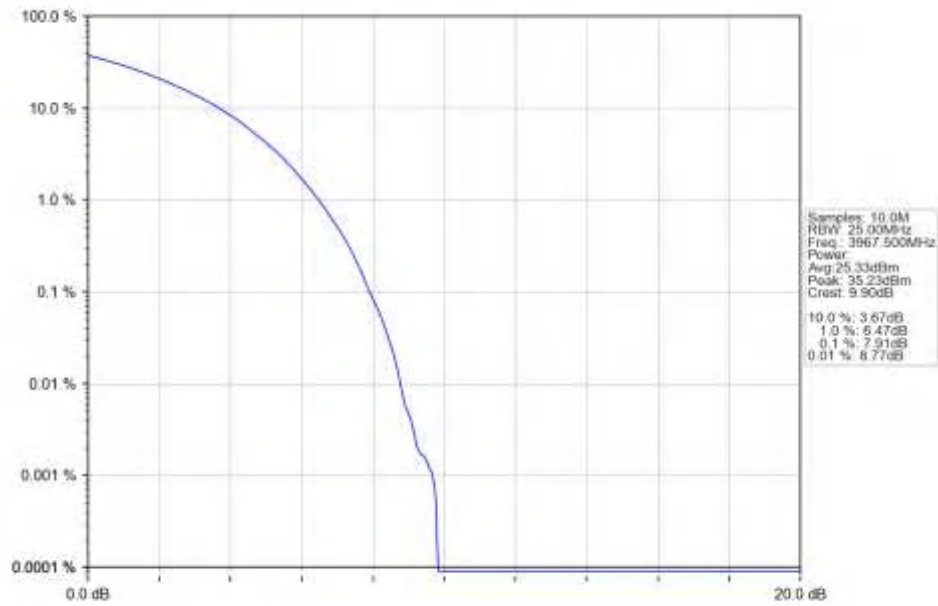
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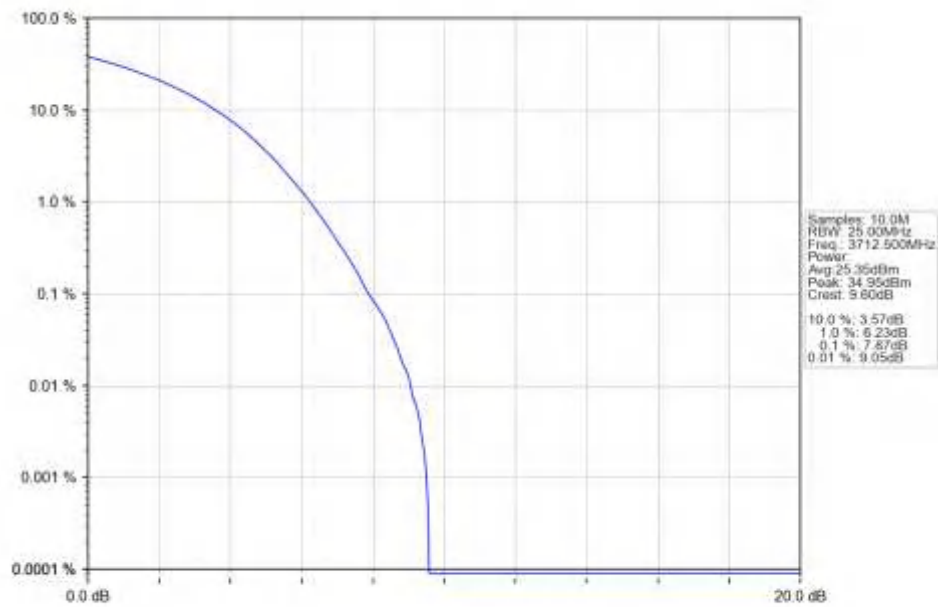
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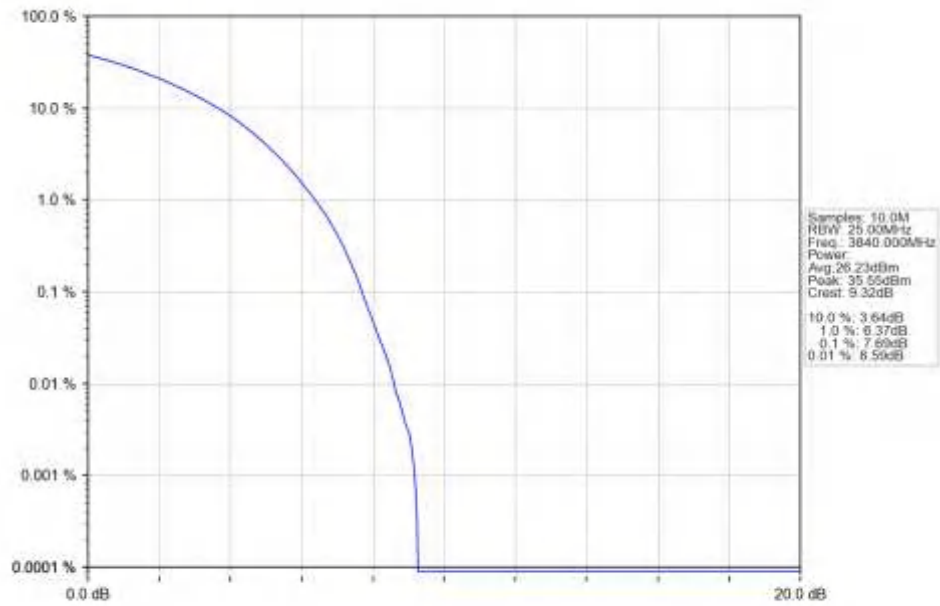
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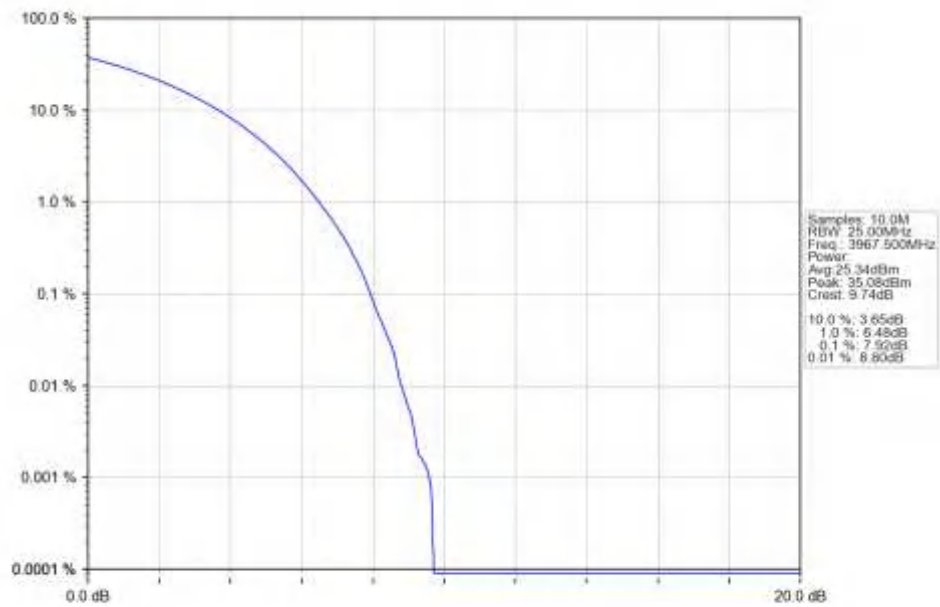
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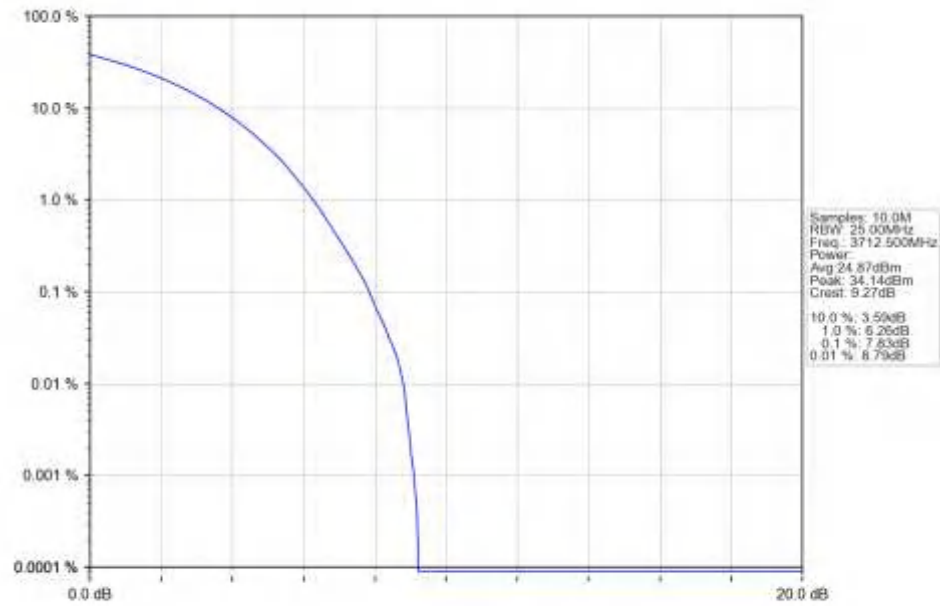
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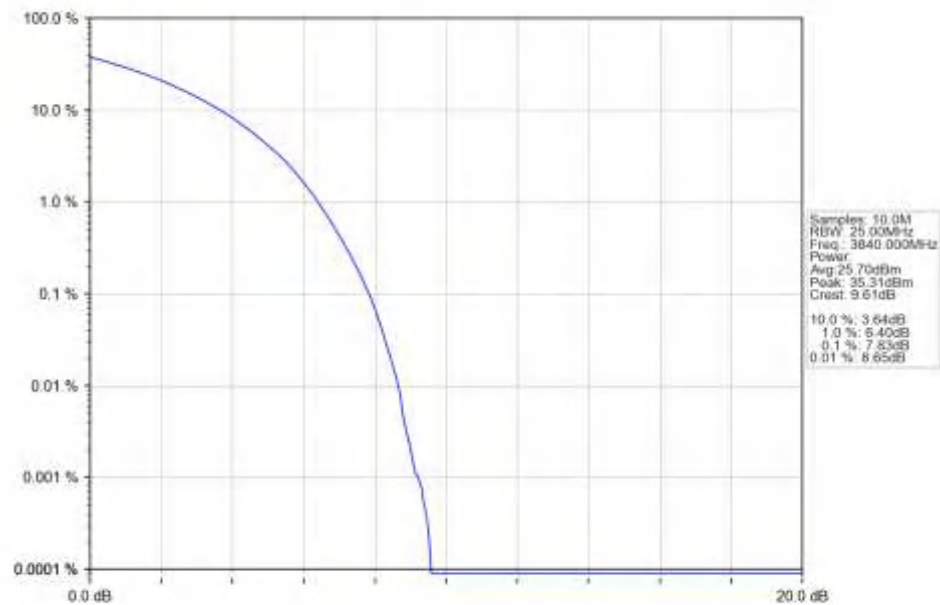
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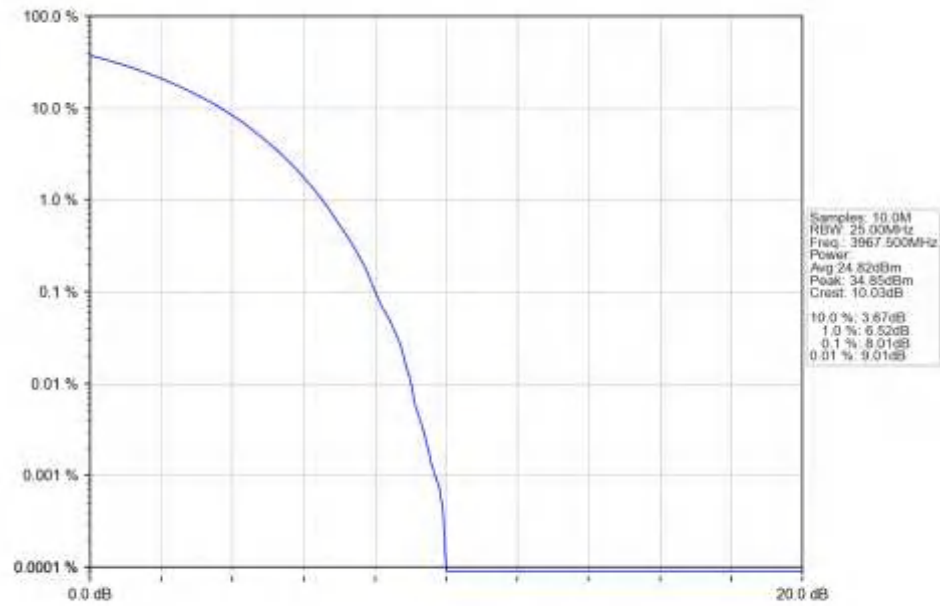
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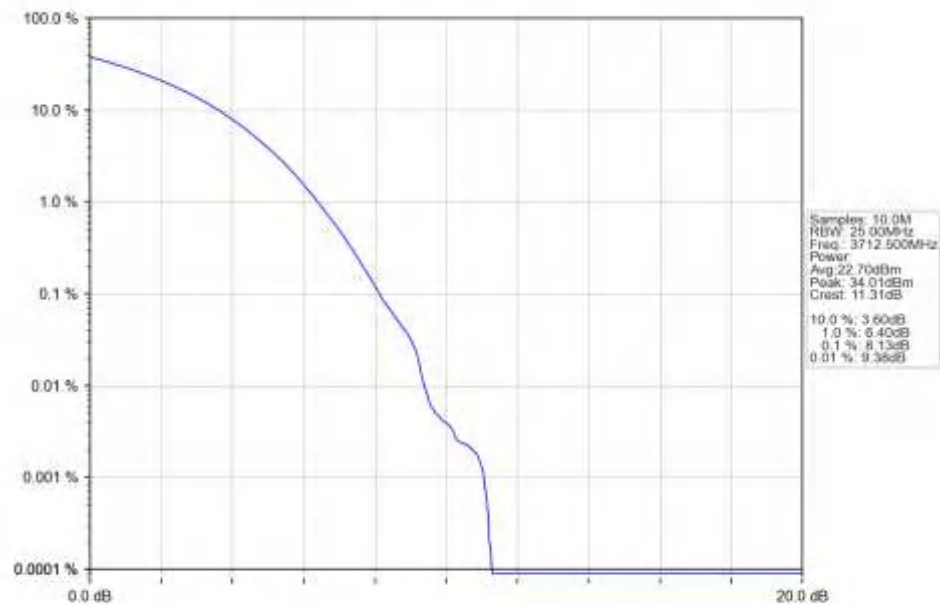
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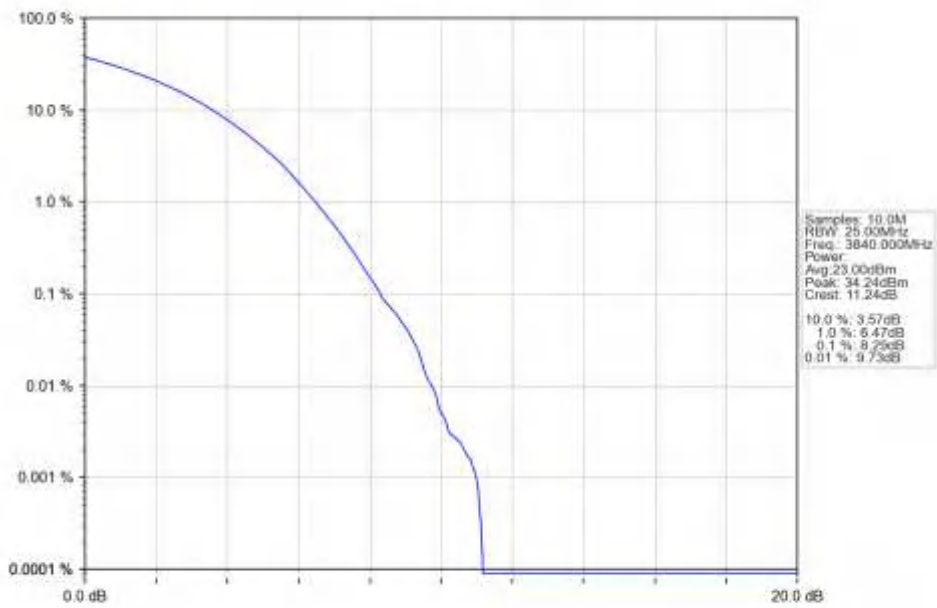
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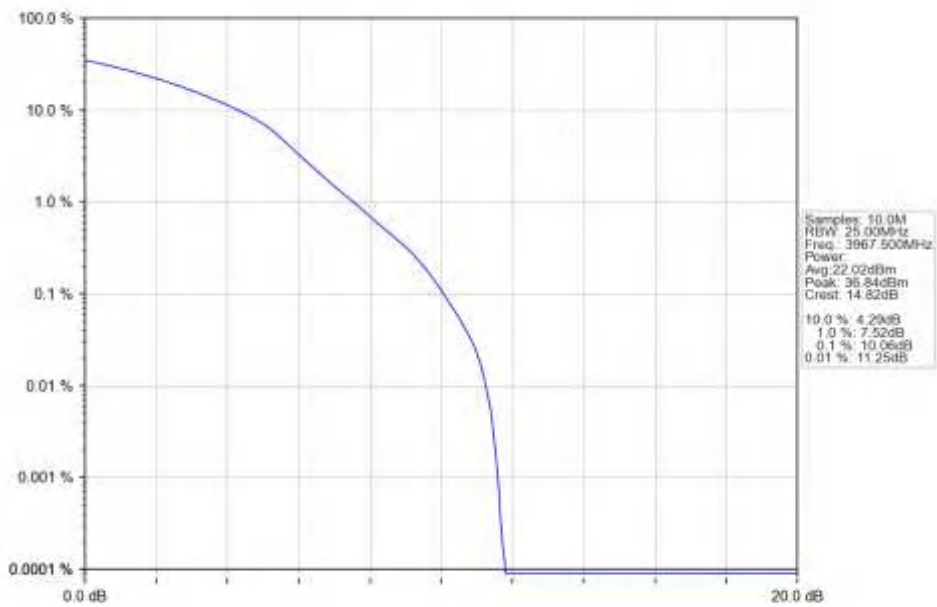
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n77a_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

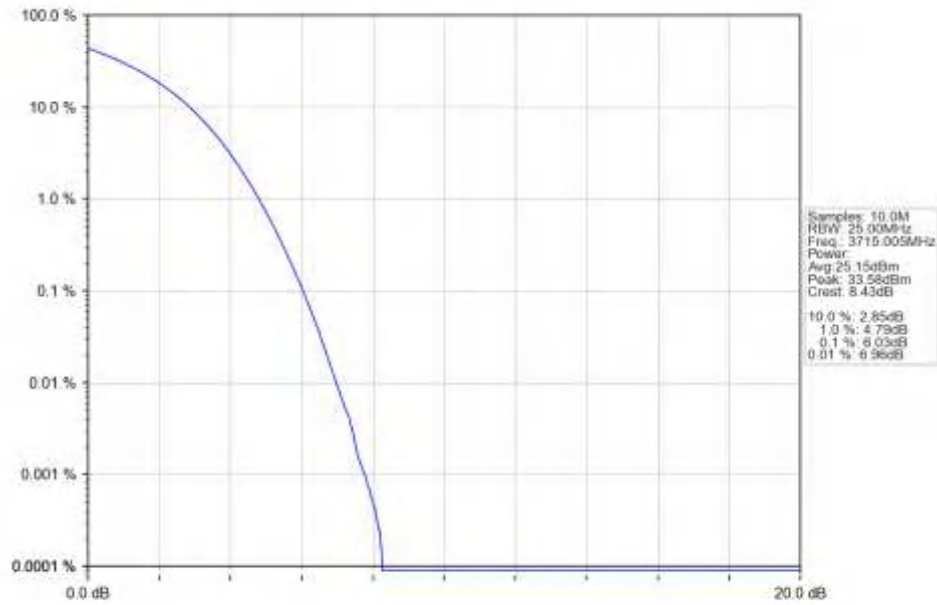


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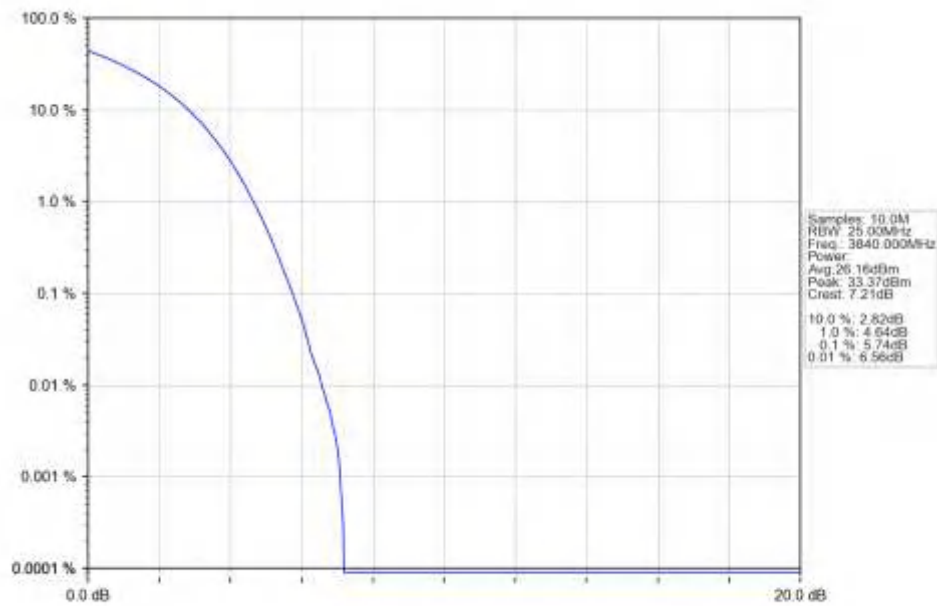


5.2.5 15k_SISO_30MHz_NTNV

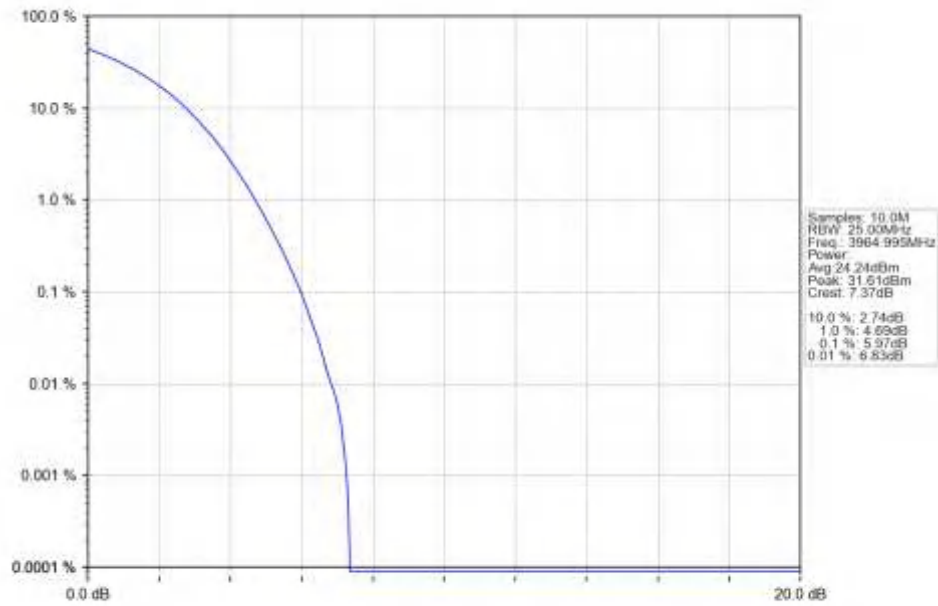
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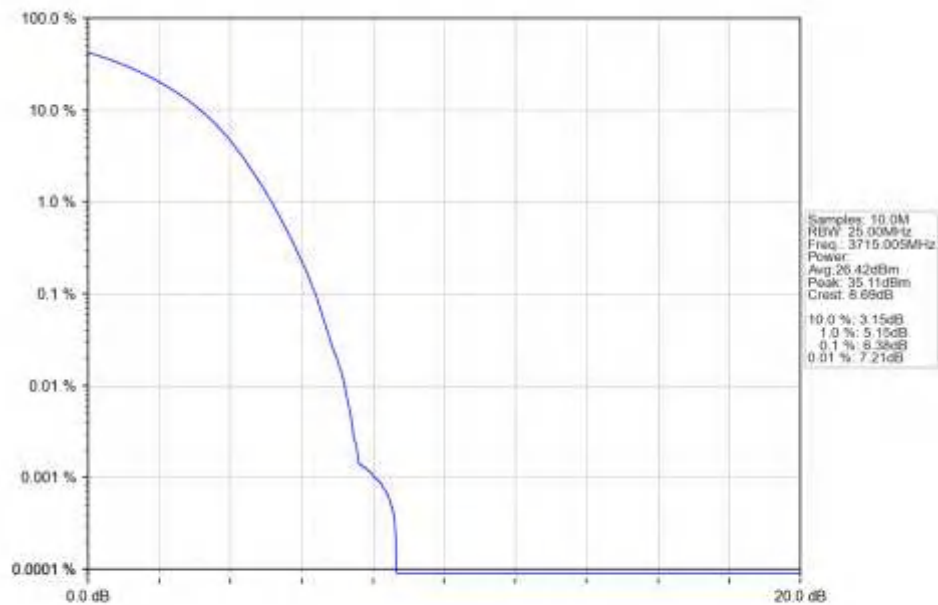
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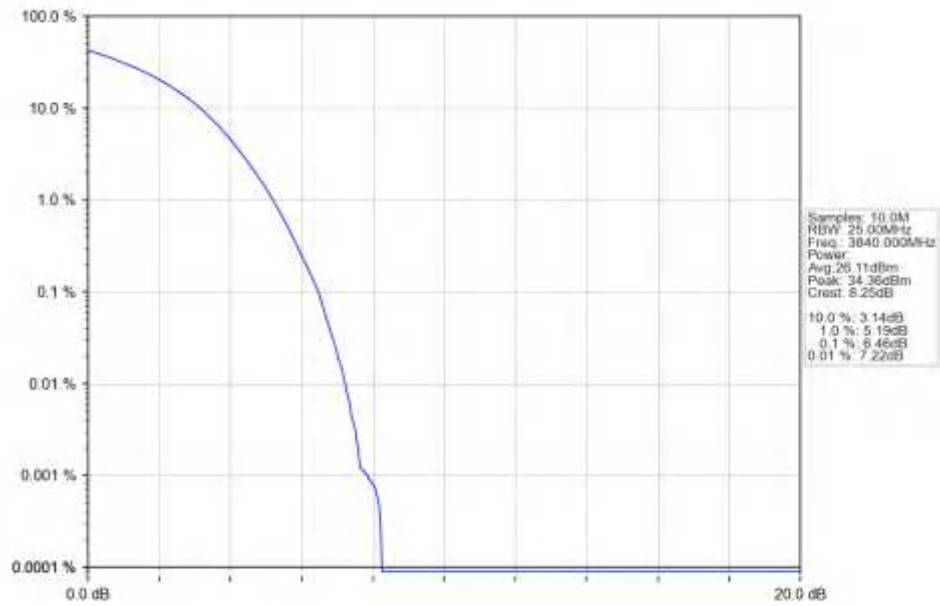
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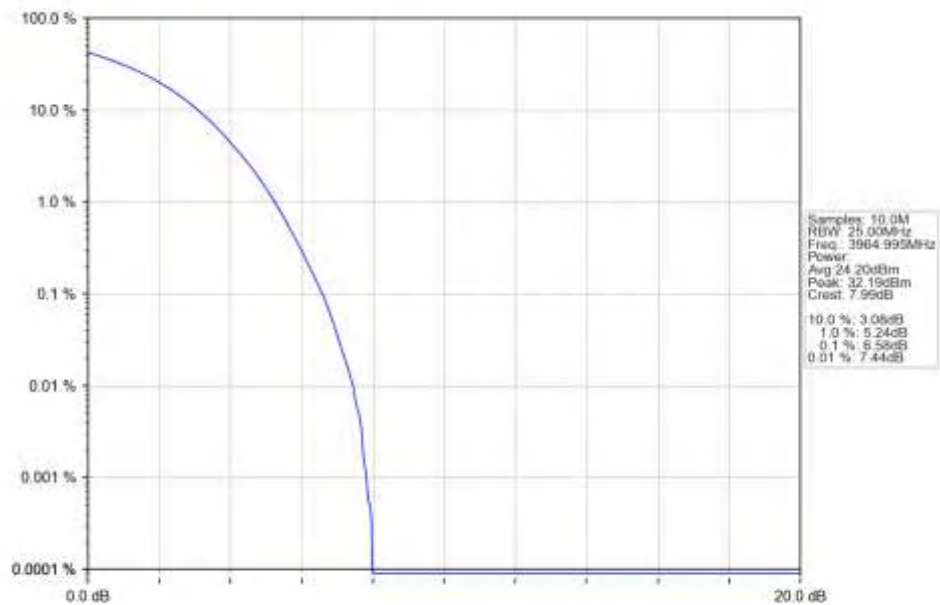
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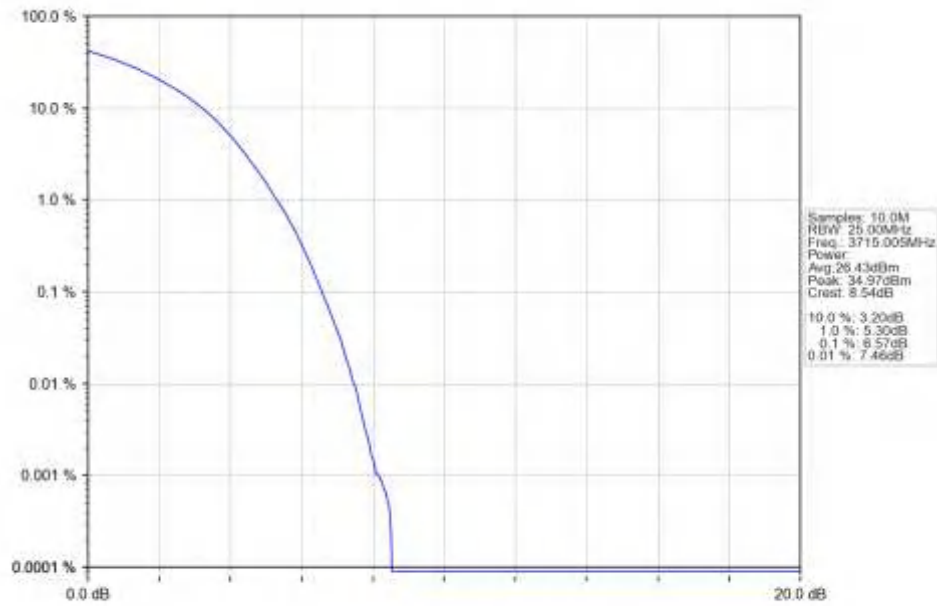
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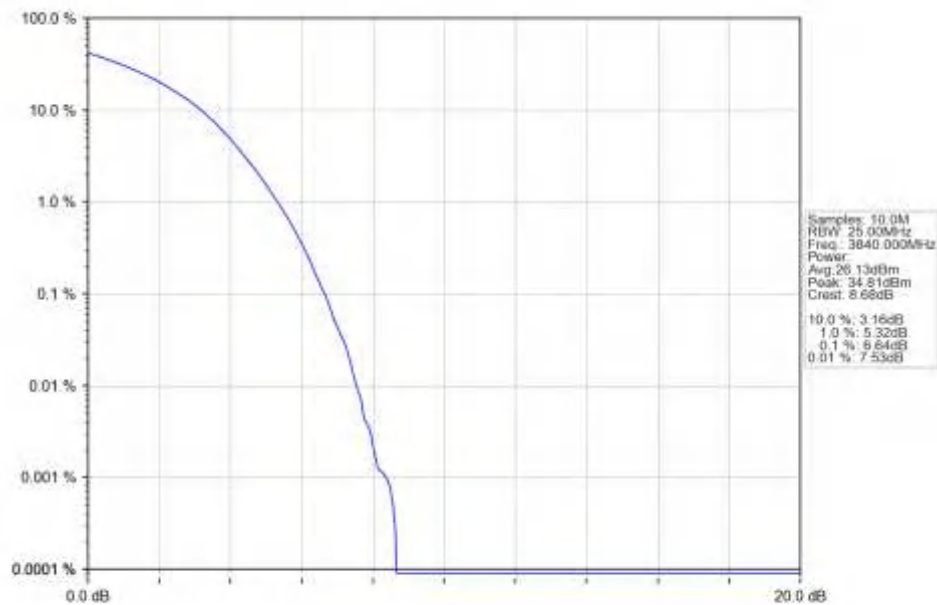
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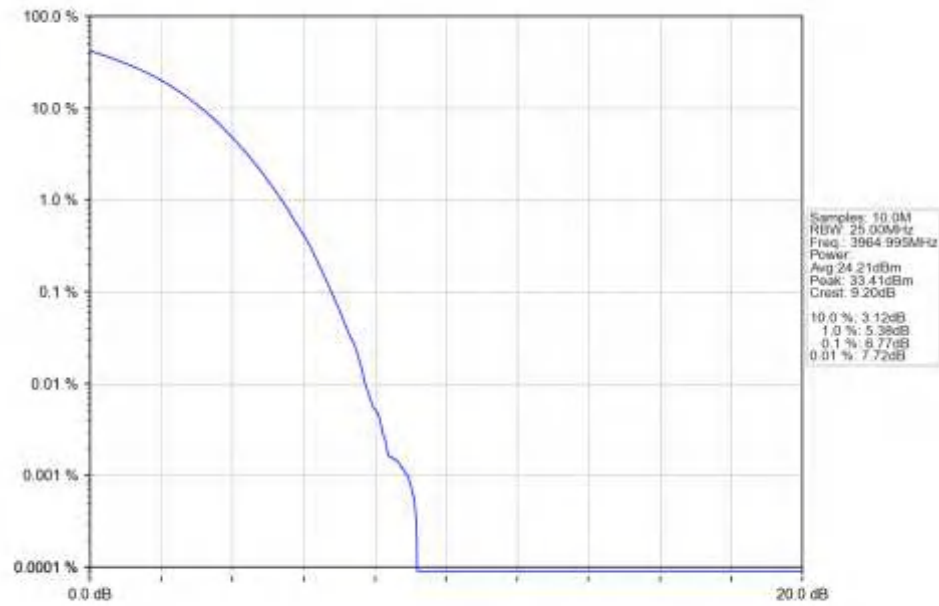
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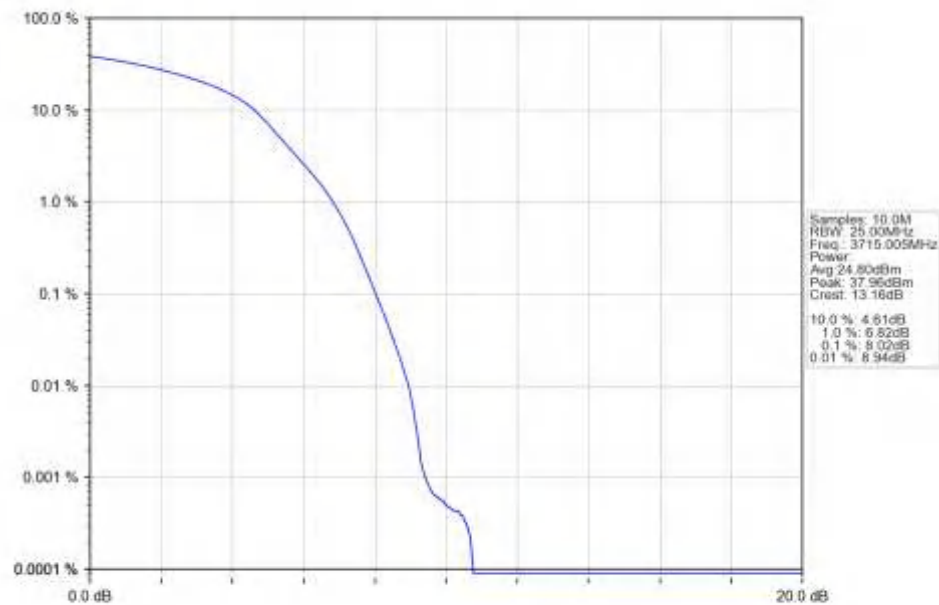
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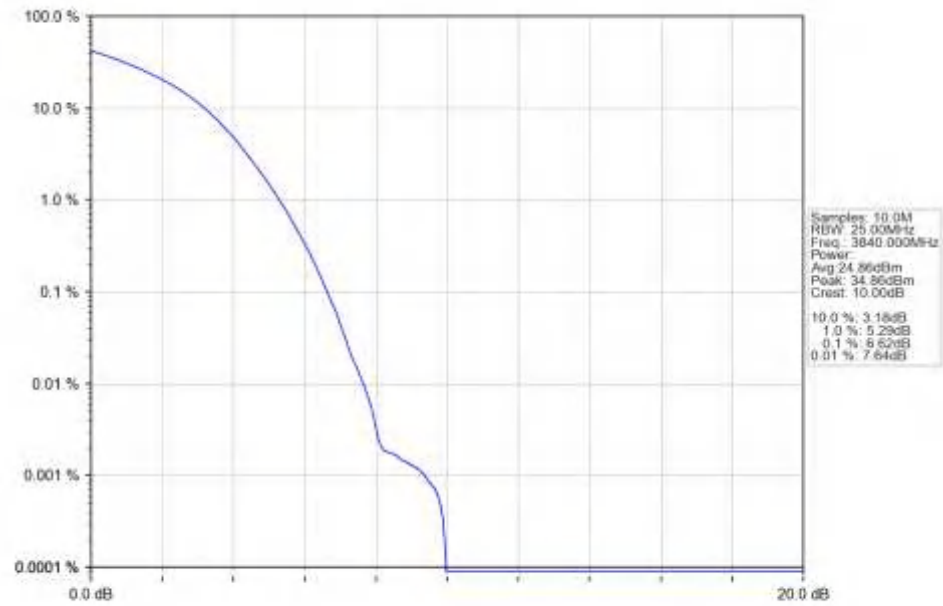
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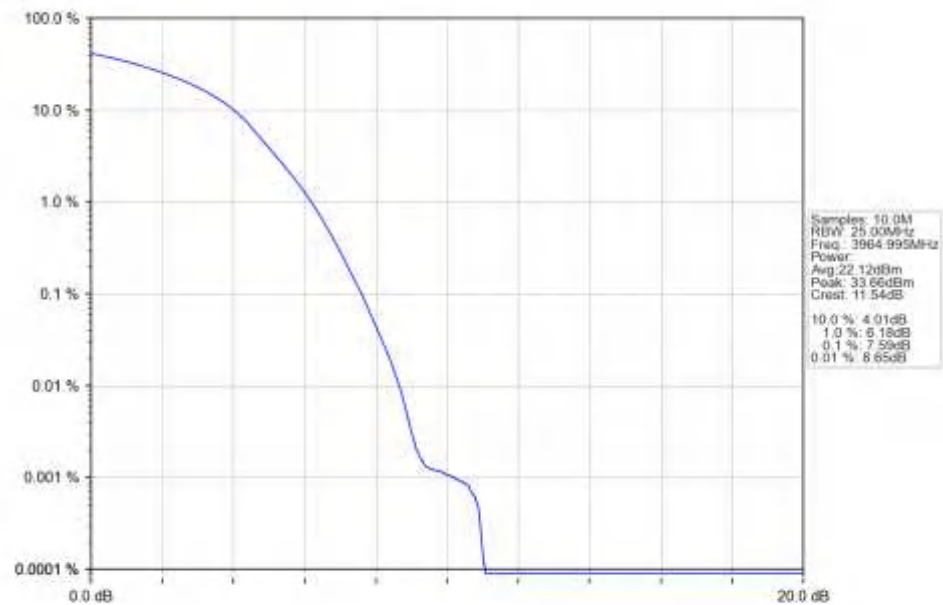
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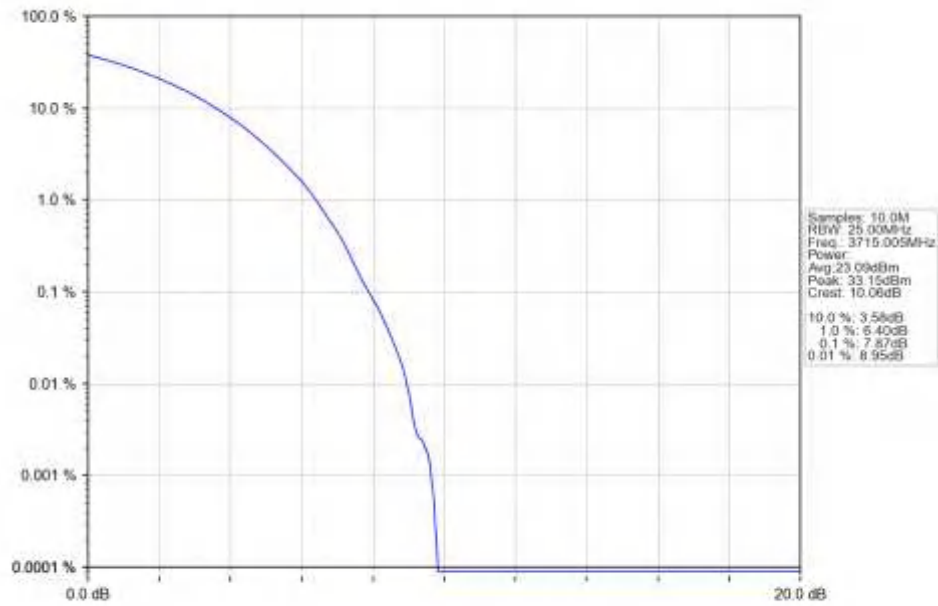
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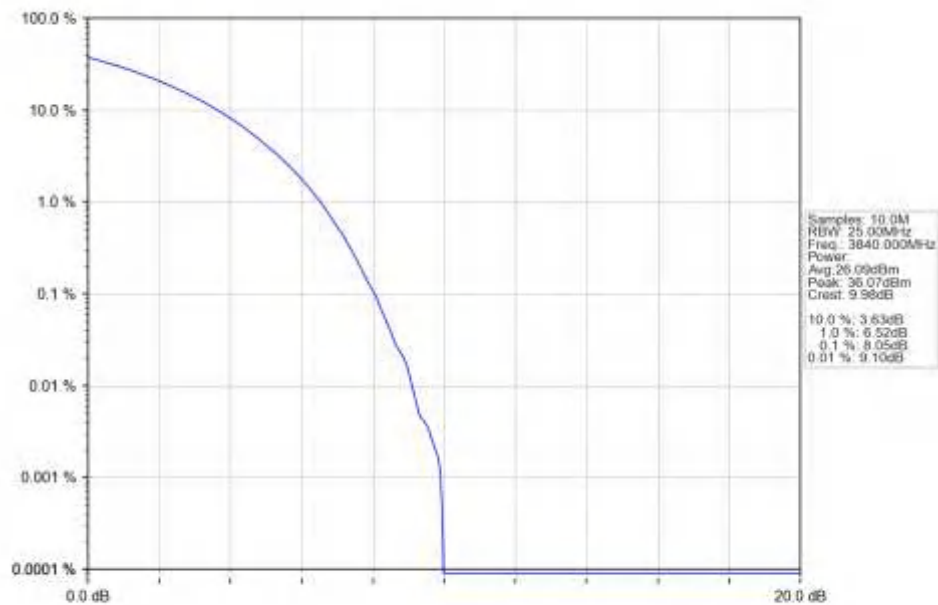
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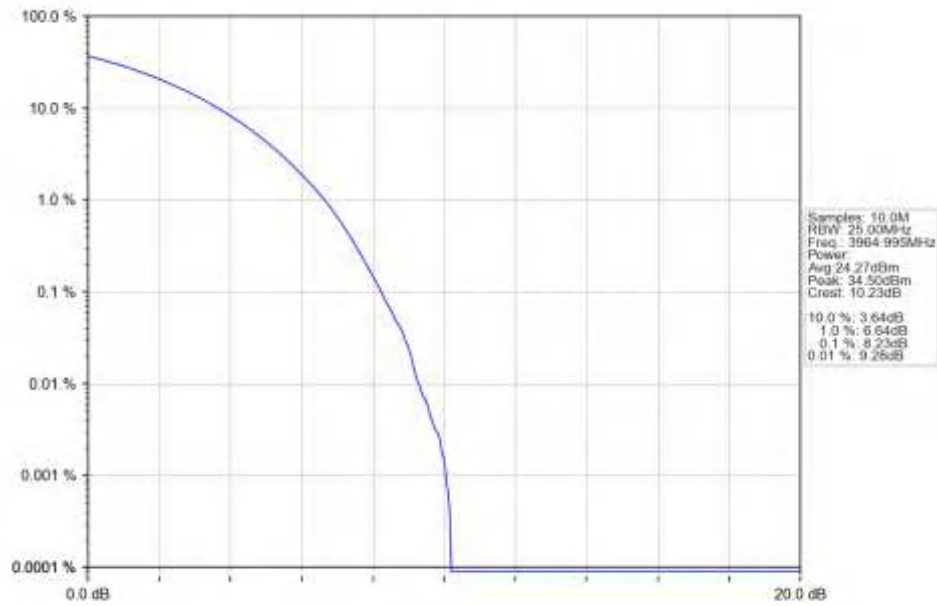
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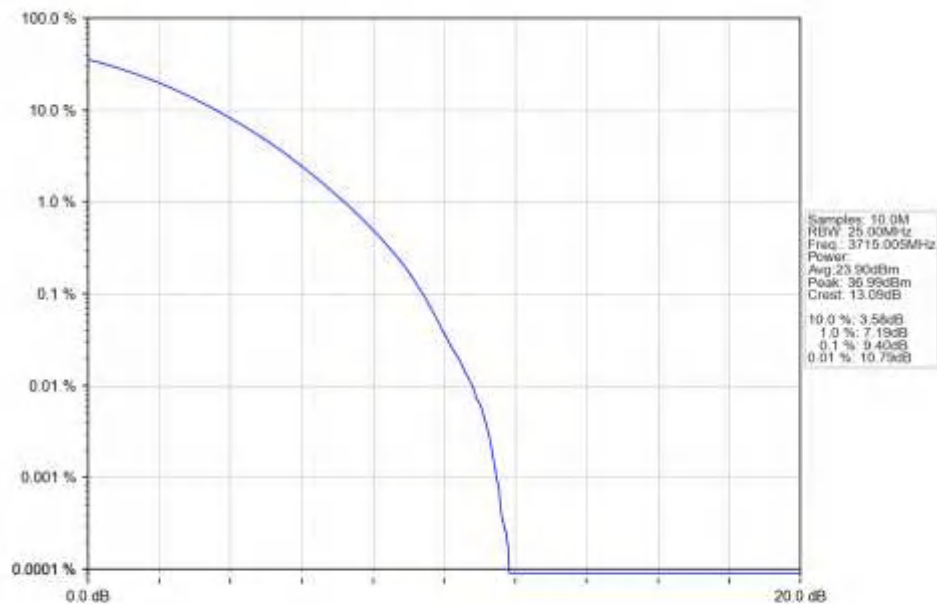
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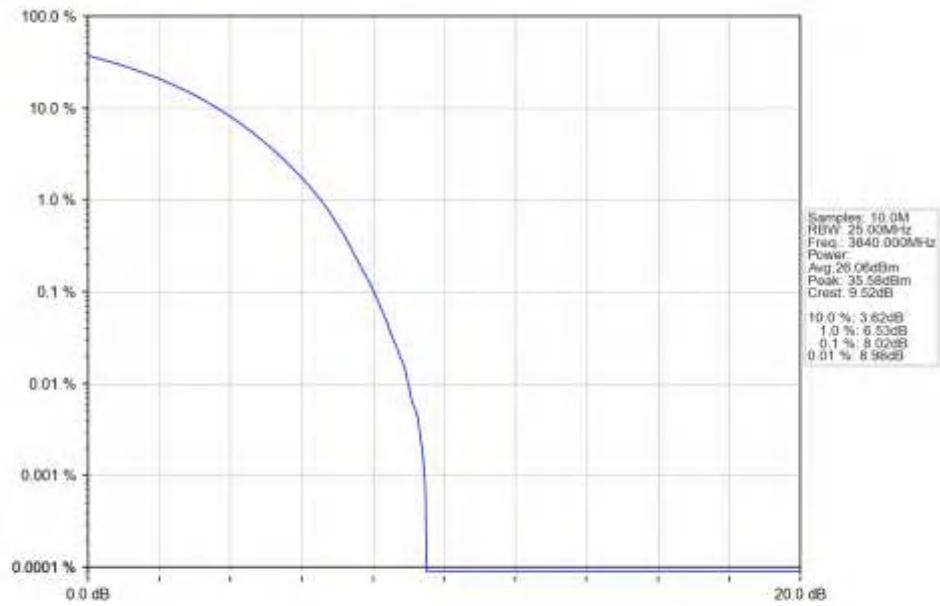
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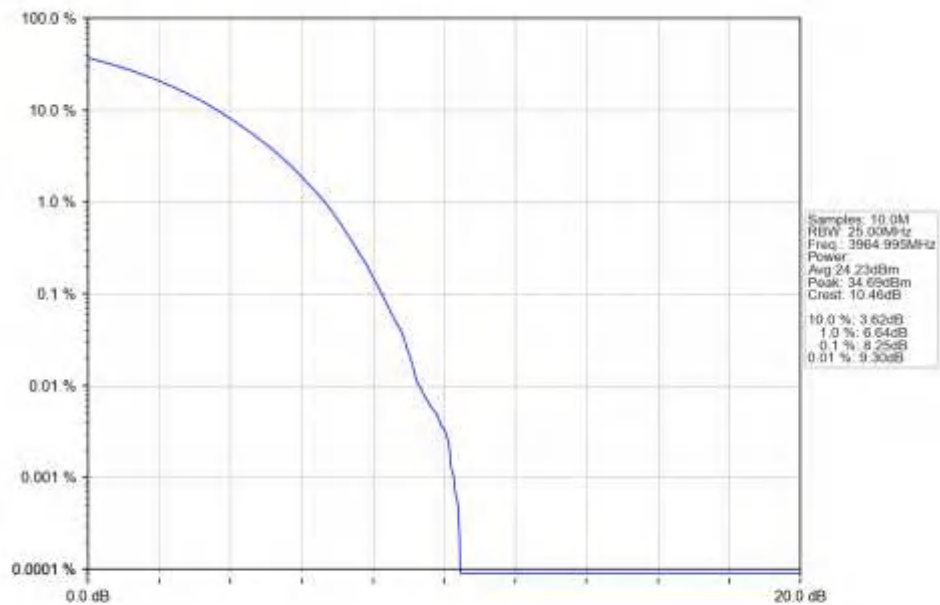
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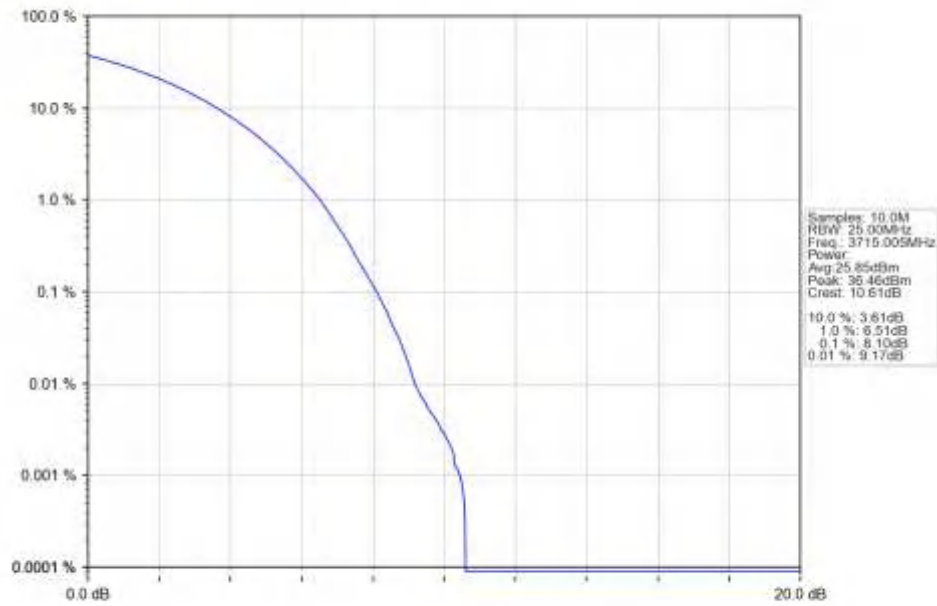
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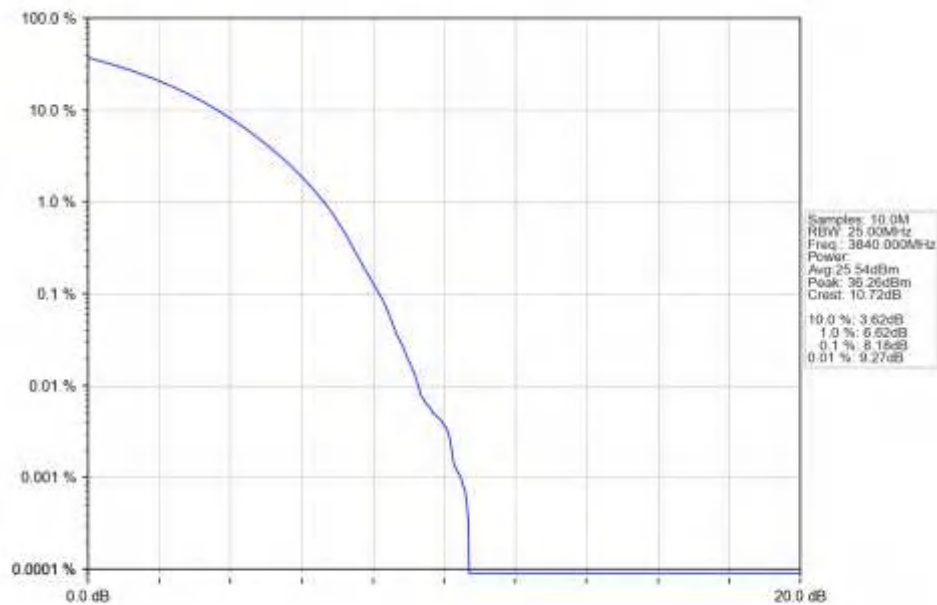
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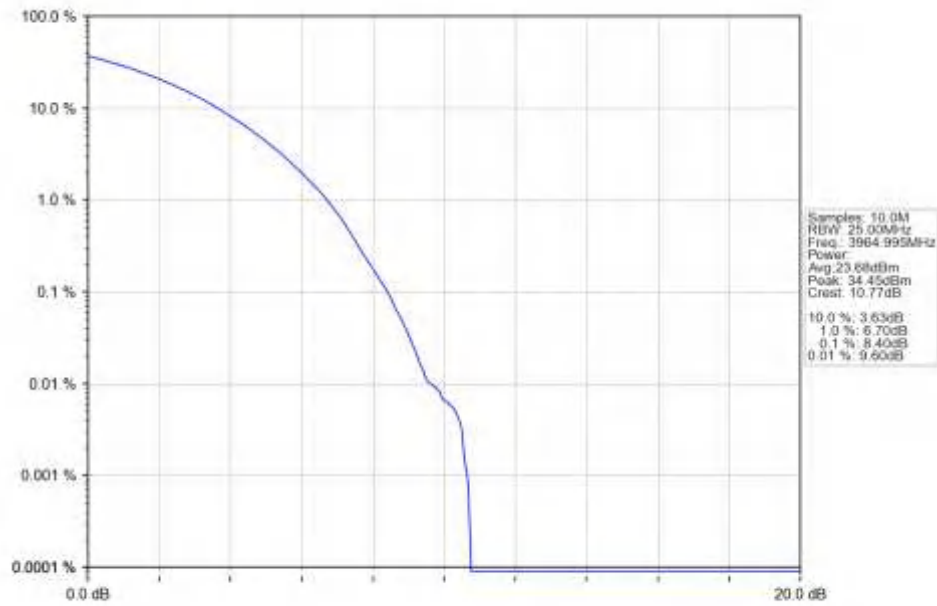
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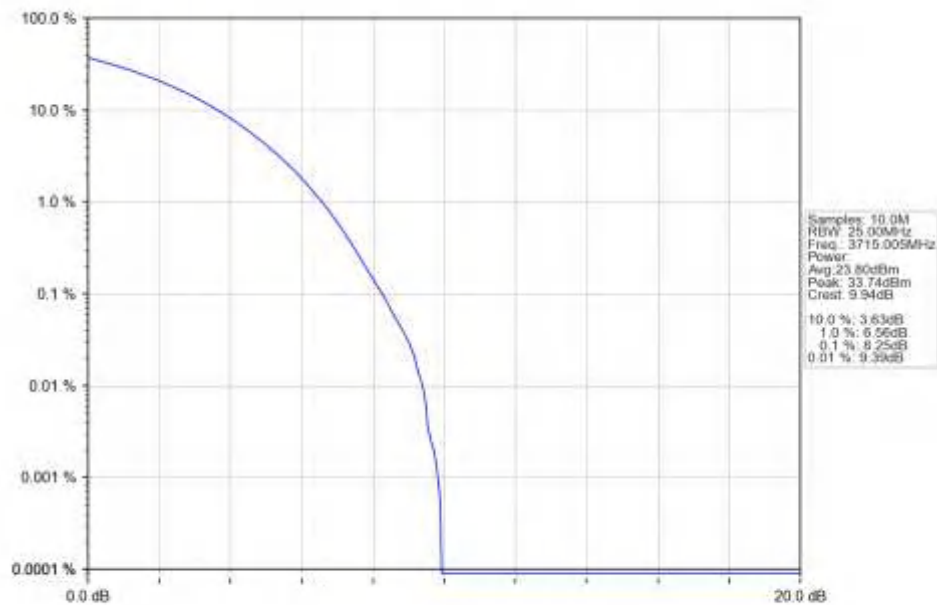
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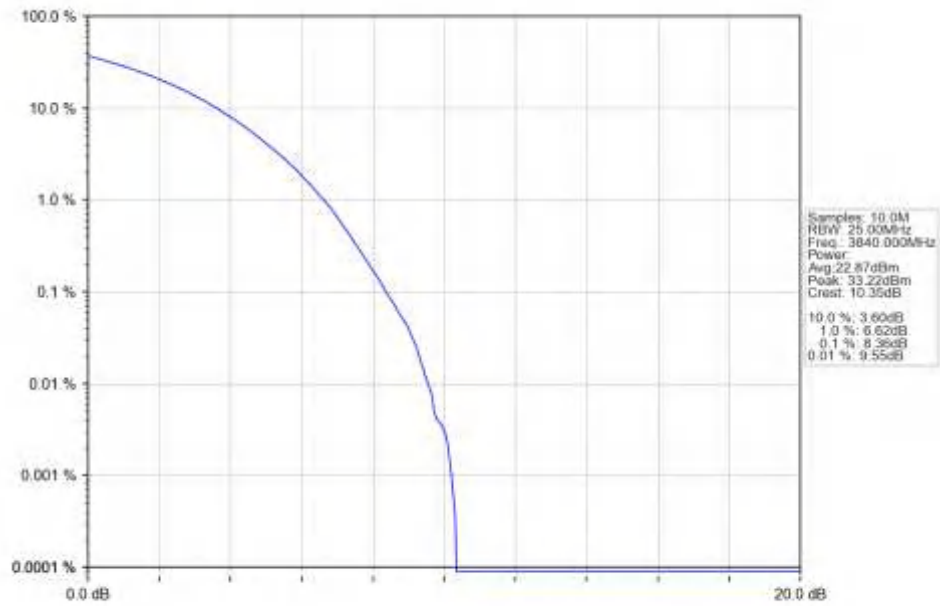
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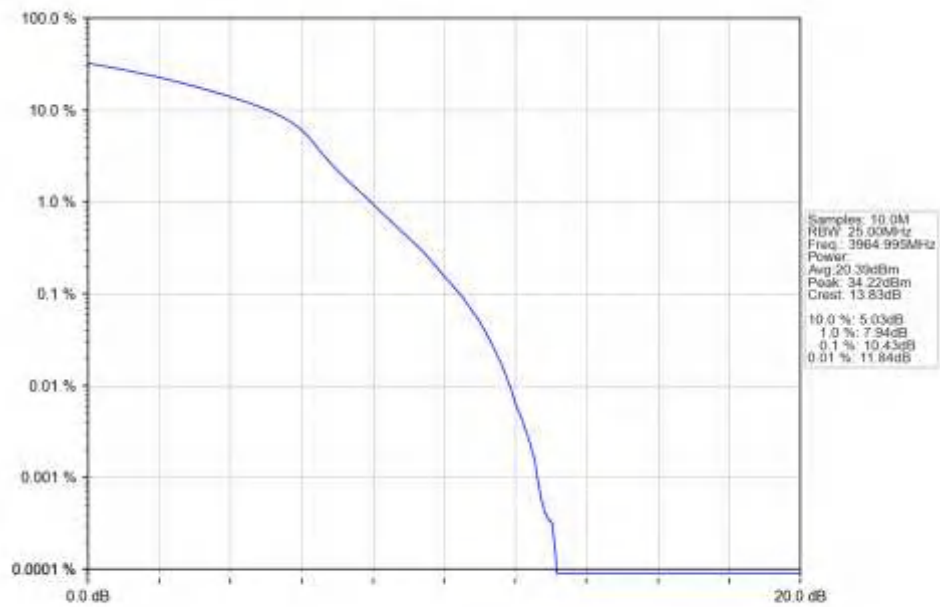
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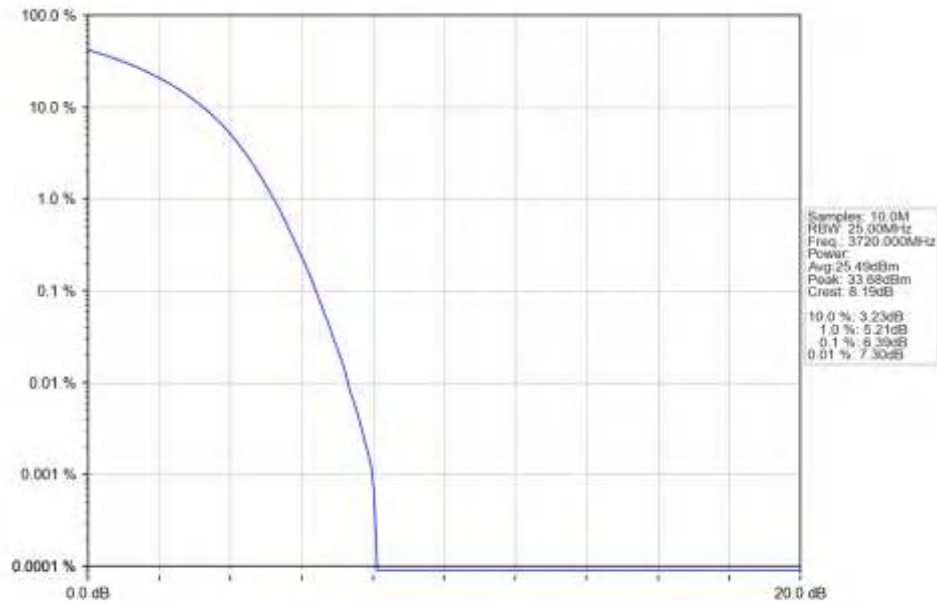


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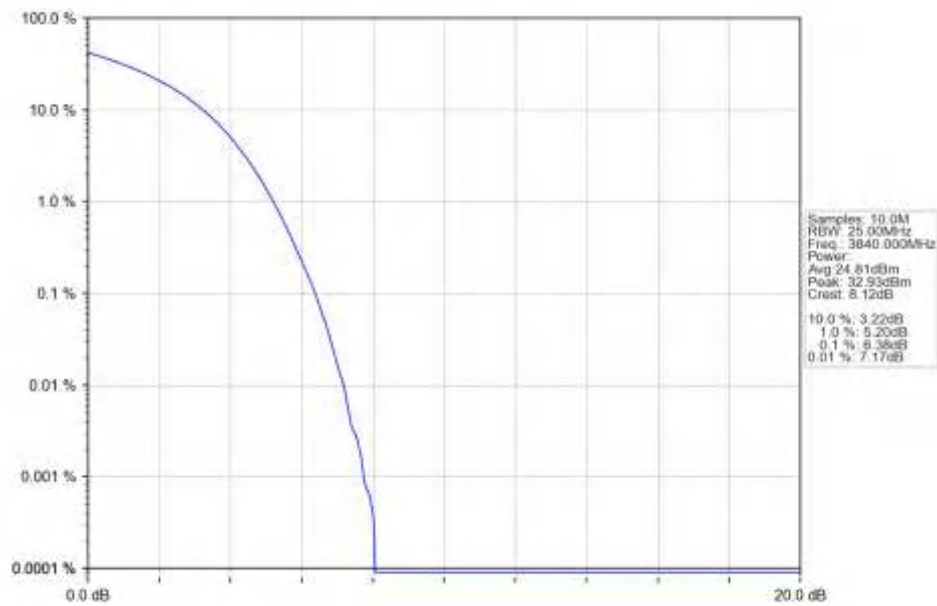


5.2.6 15k_SISO_40MHz_NTNV

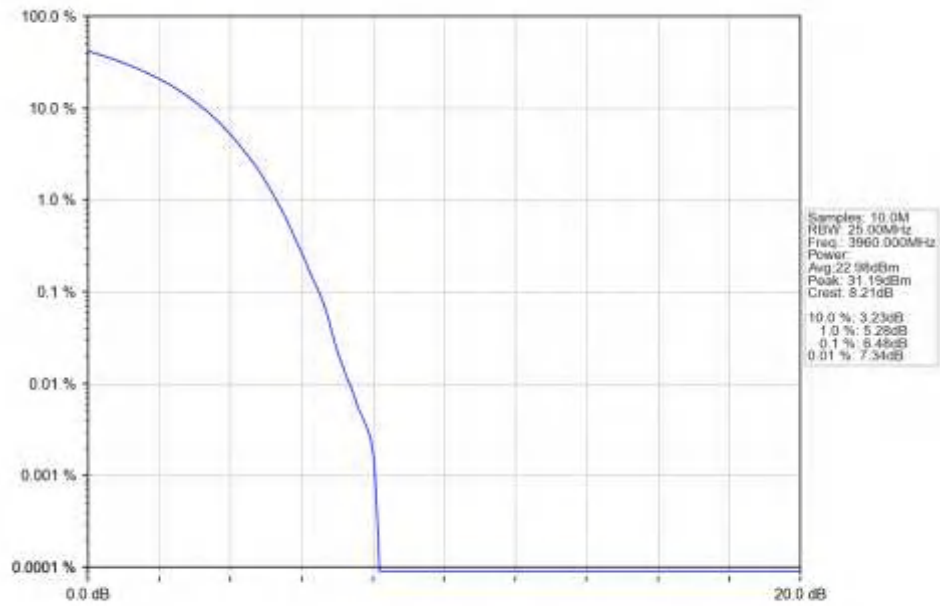
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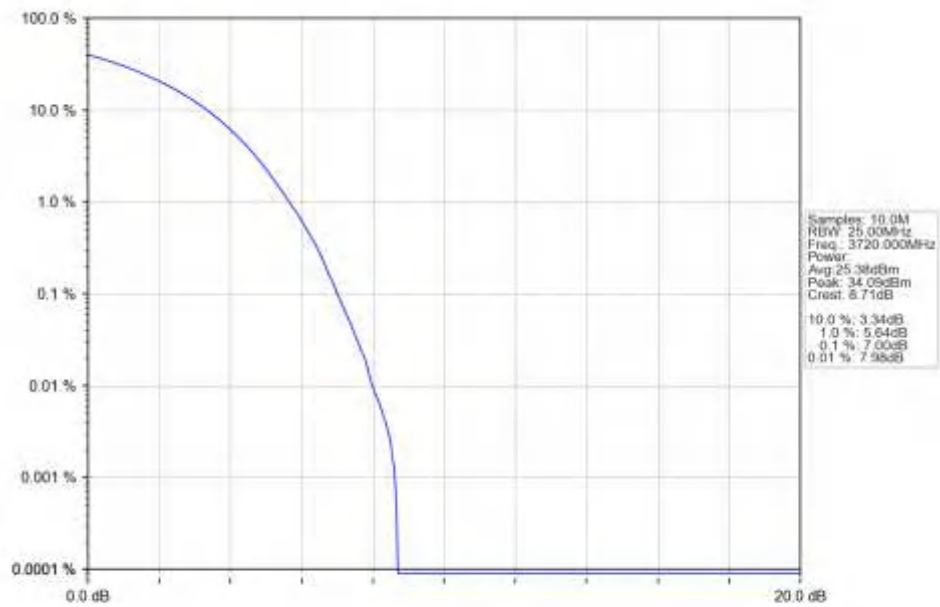
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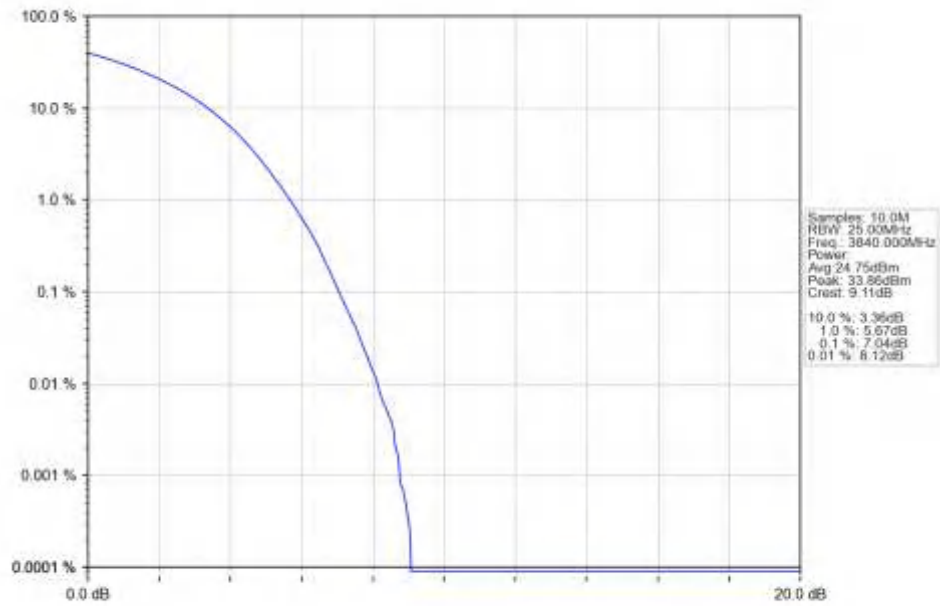
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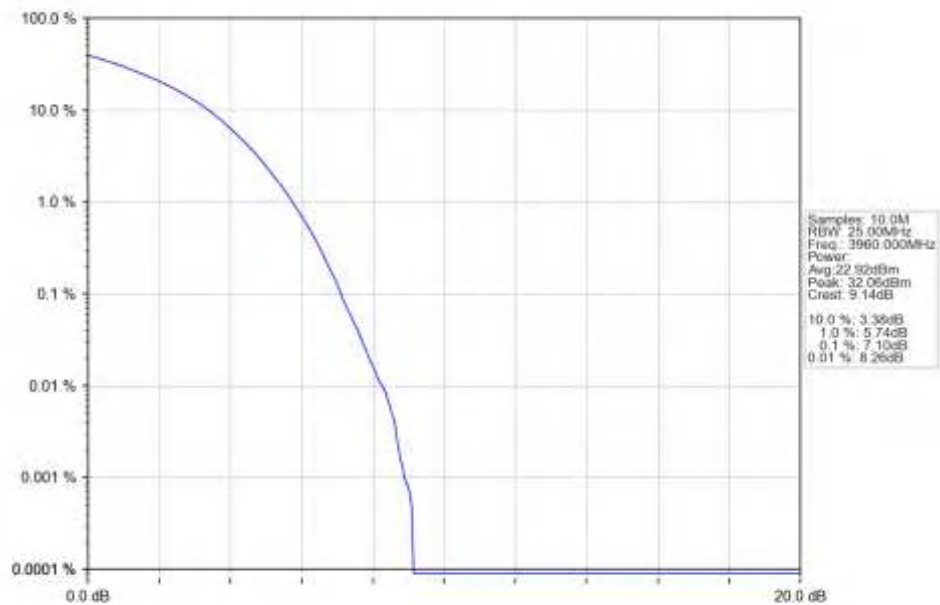
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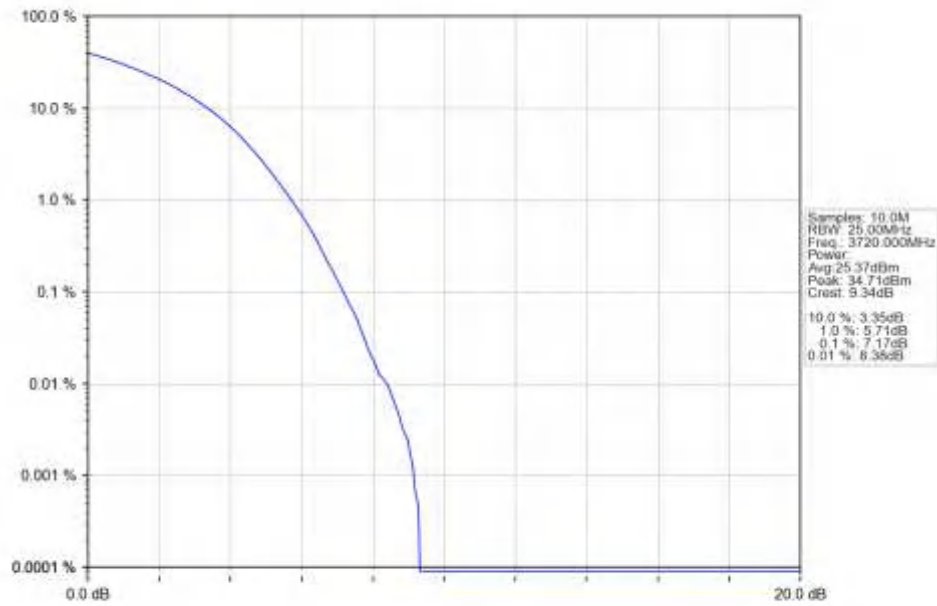
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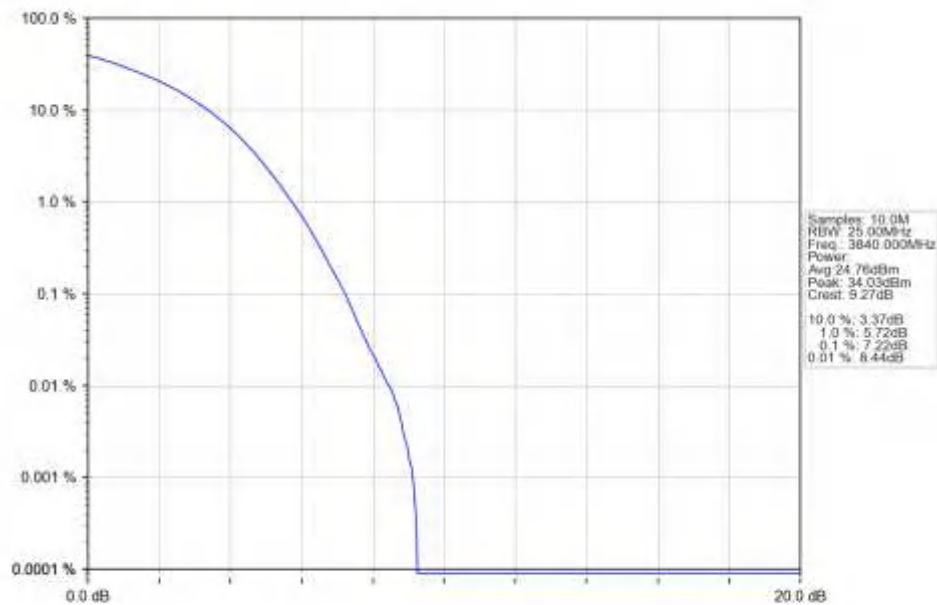
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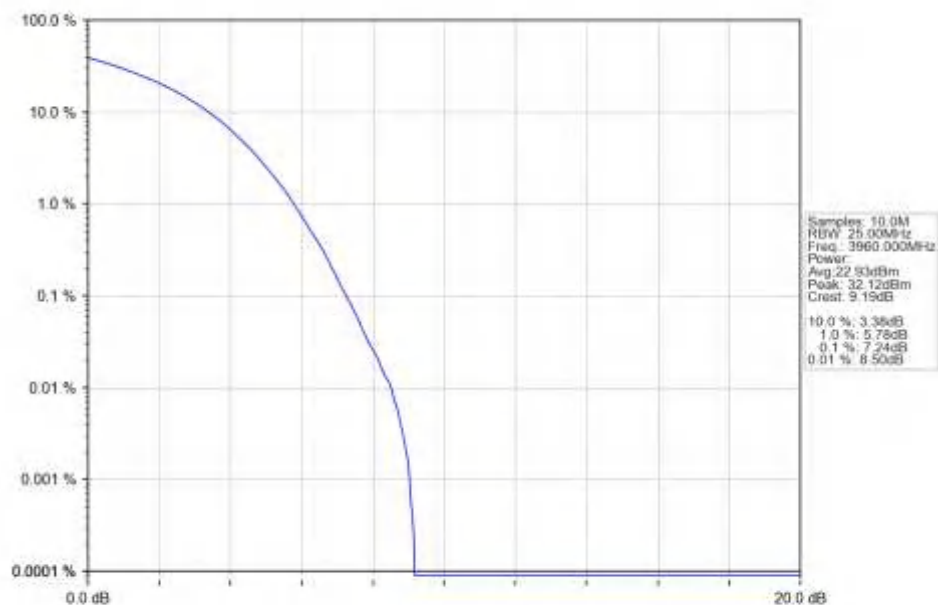
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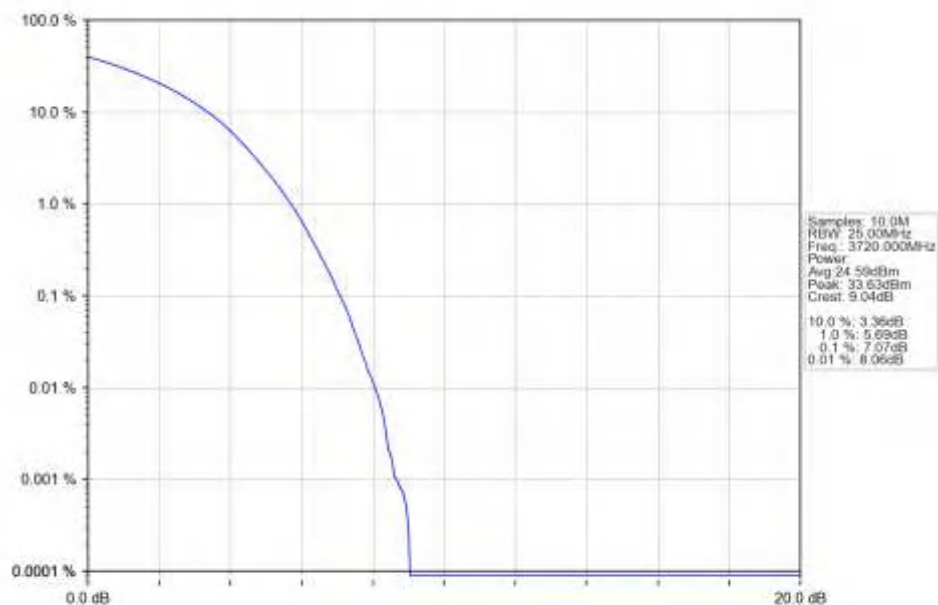
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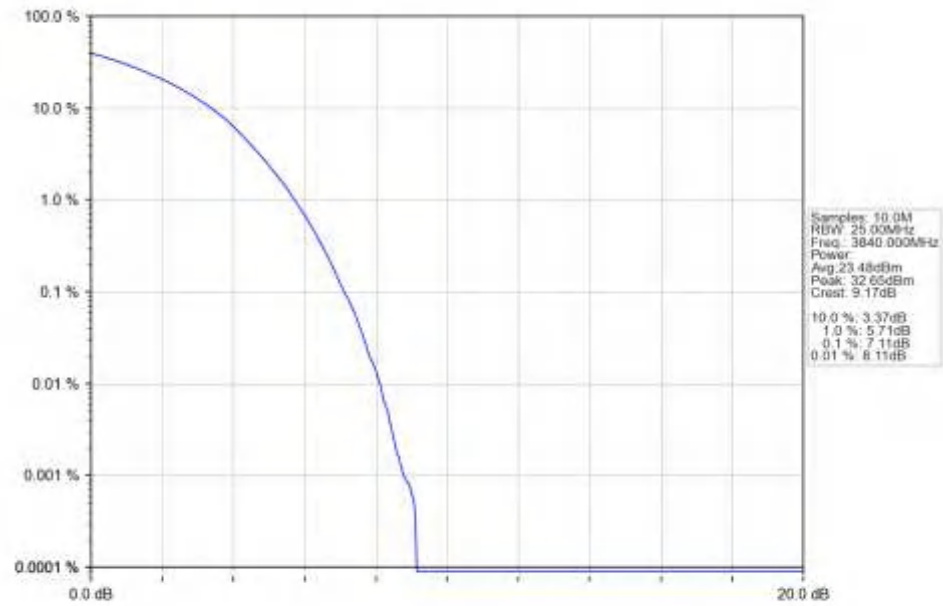
n77a 15kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3960MHz Outer Full Ant1



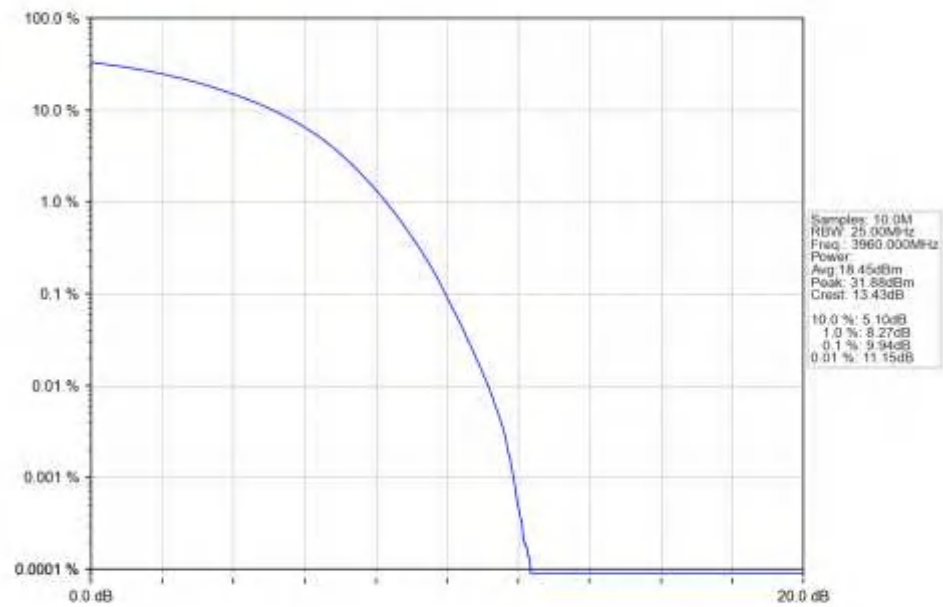
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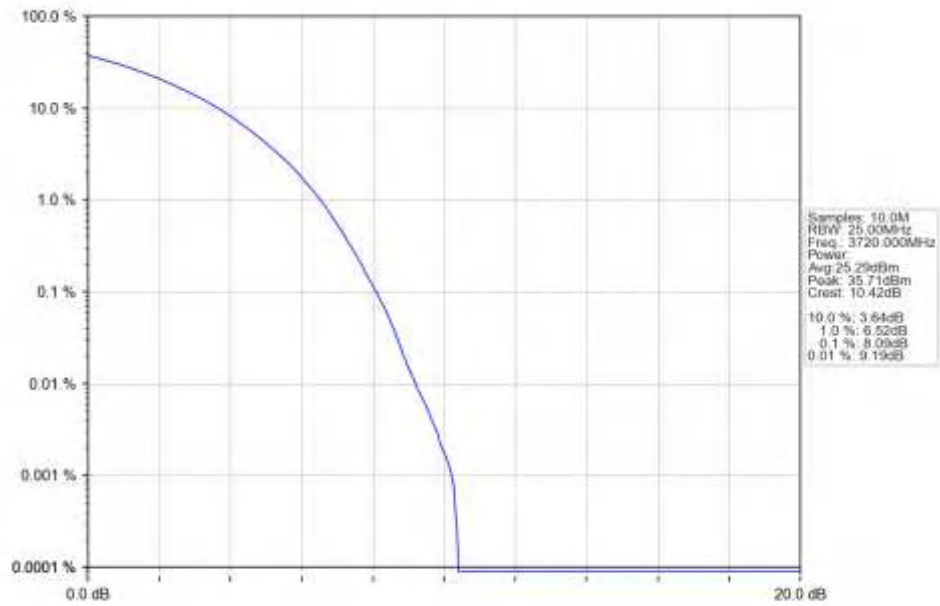
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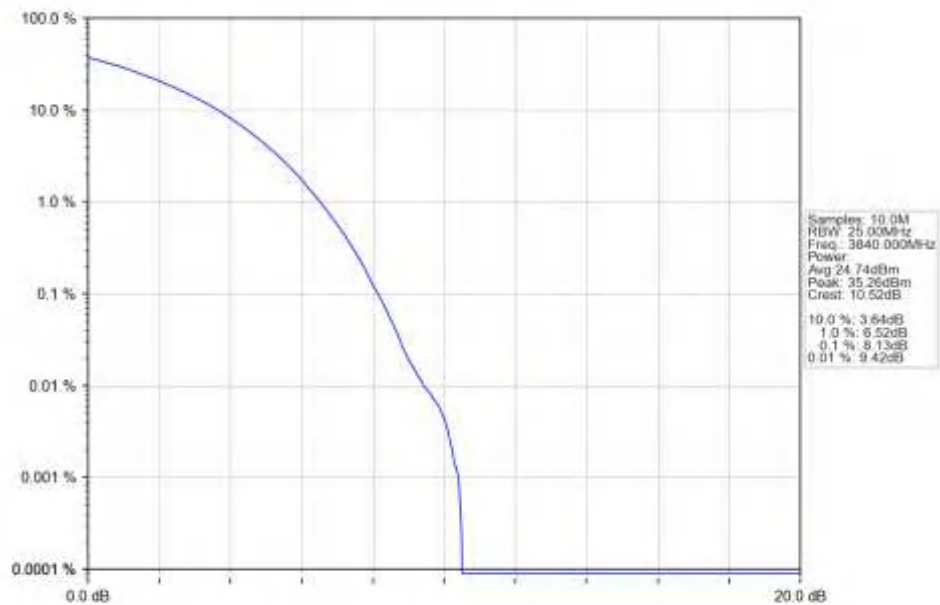
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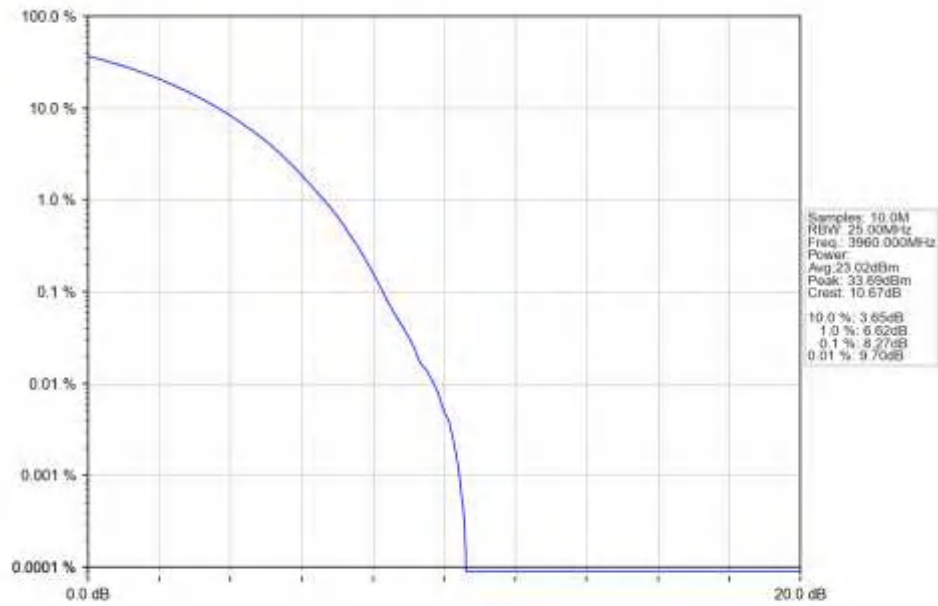
n77a 15kHz SISO NTN 40MHz CP-OFDM QPSK 3720MHz Outer Full Ant1



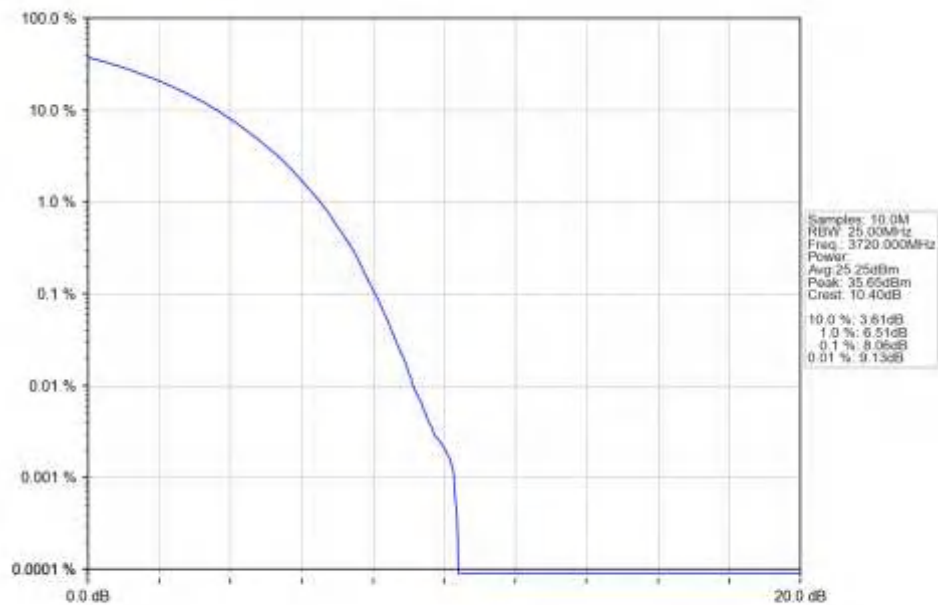
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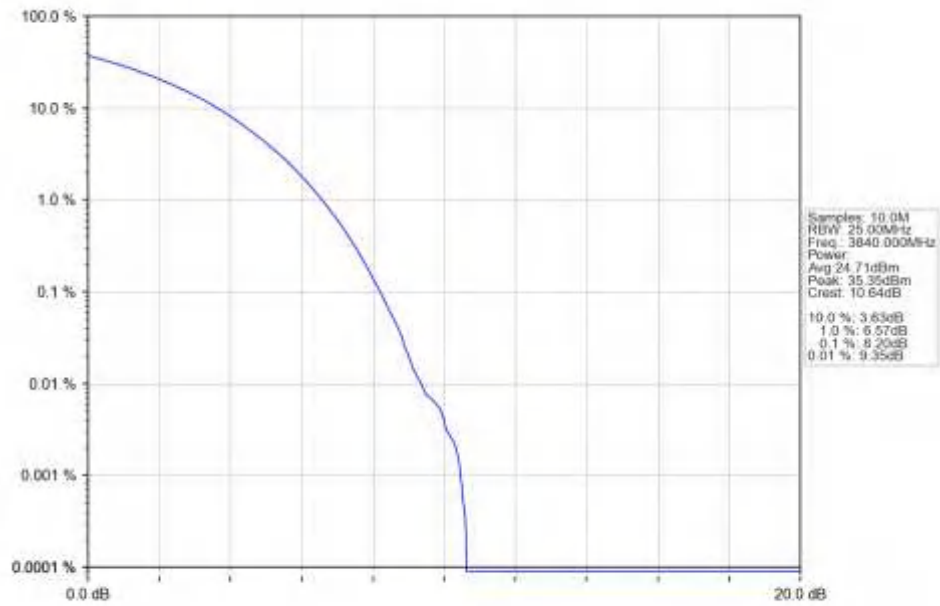
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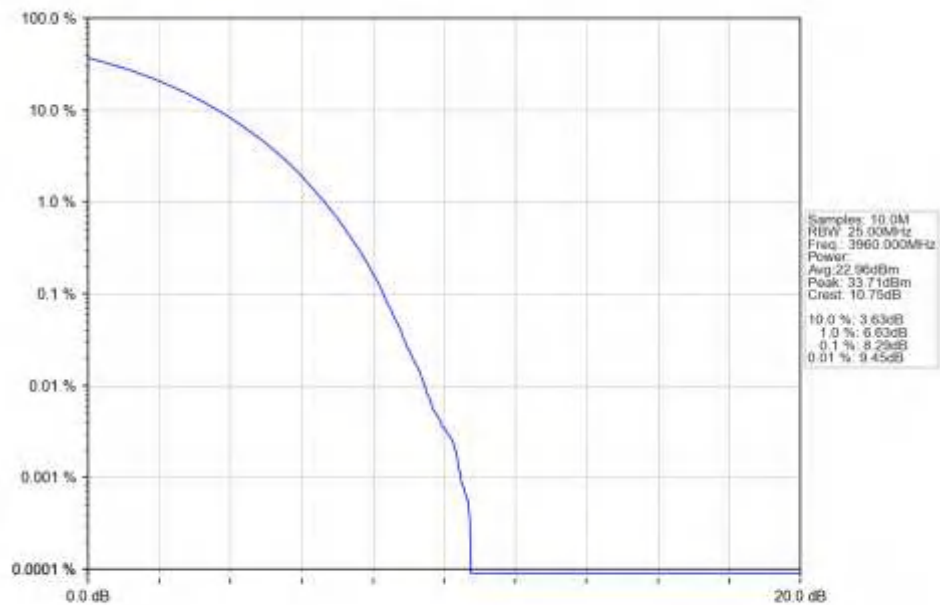
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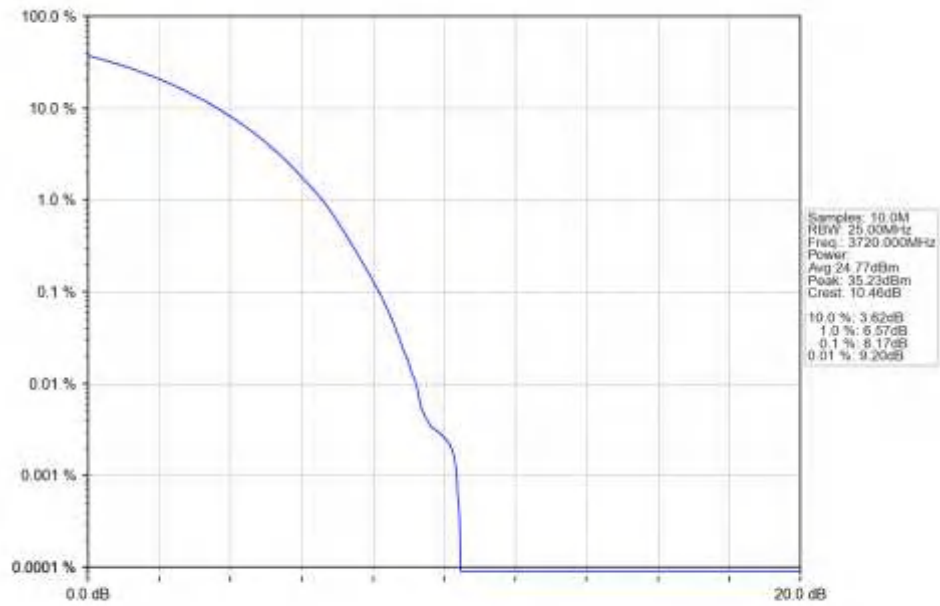
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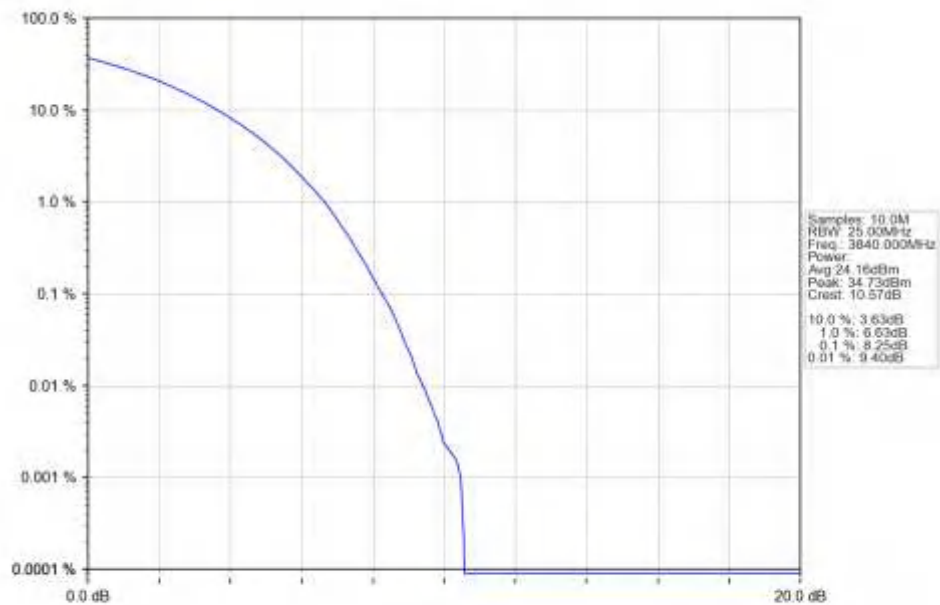
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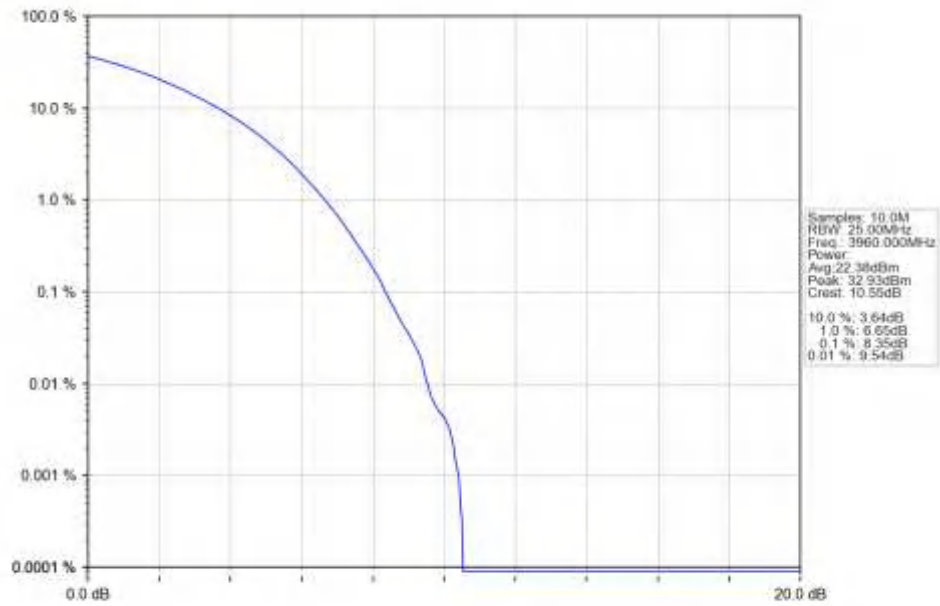
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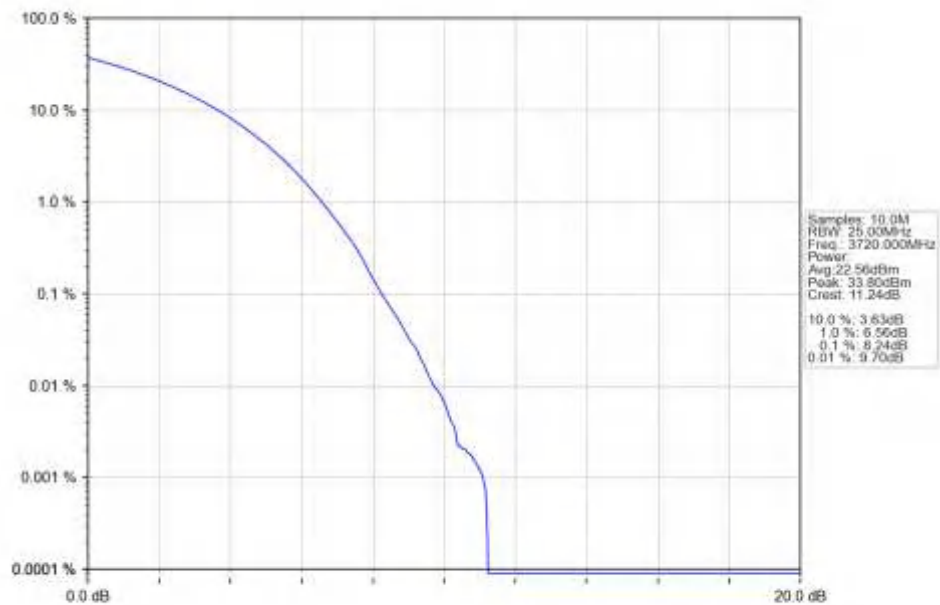
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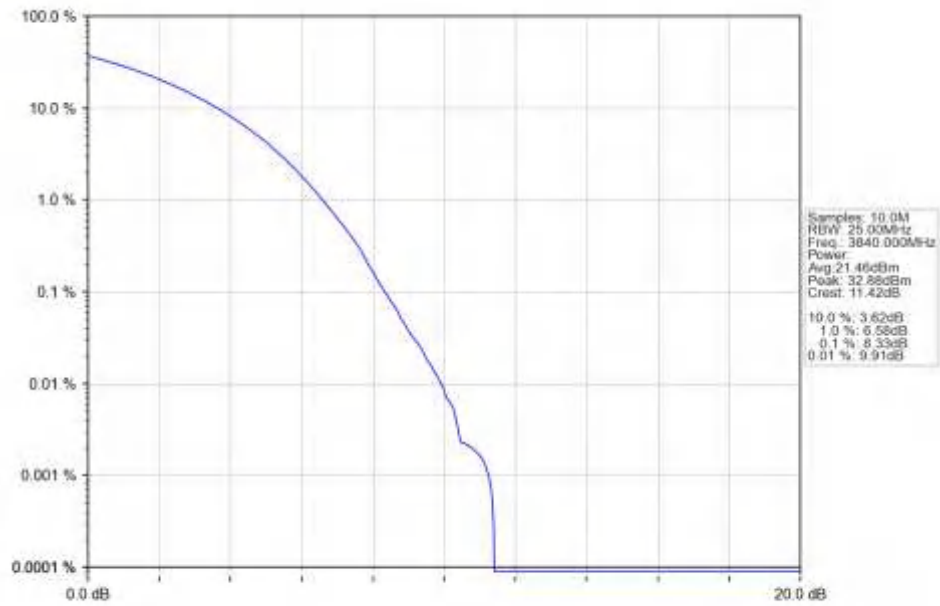
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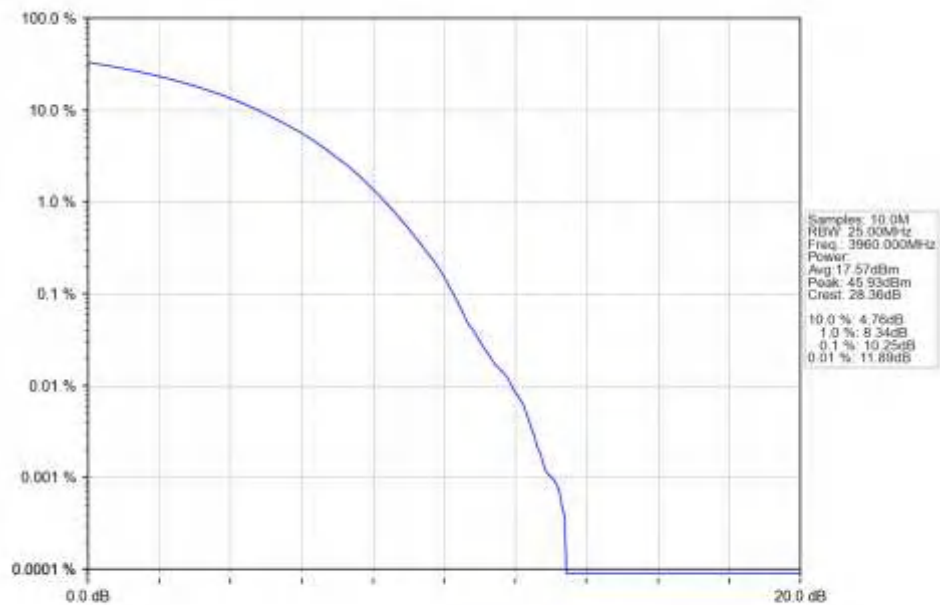
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n77a_15kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

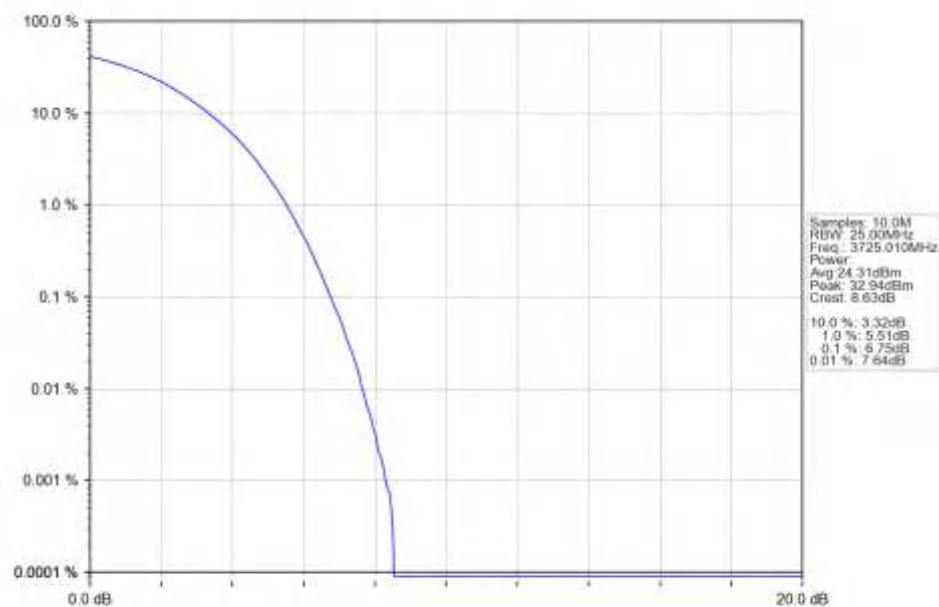


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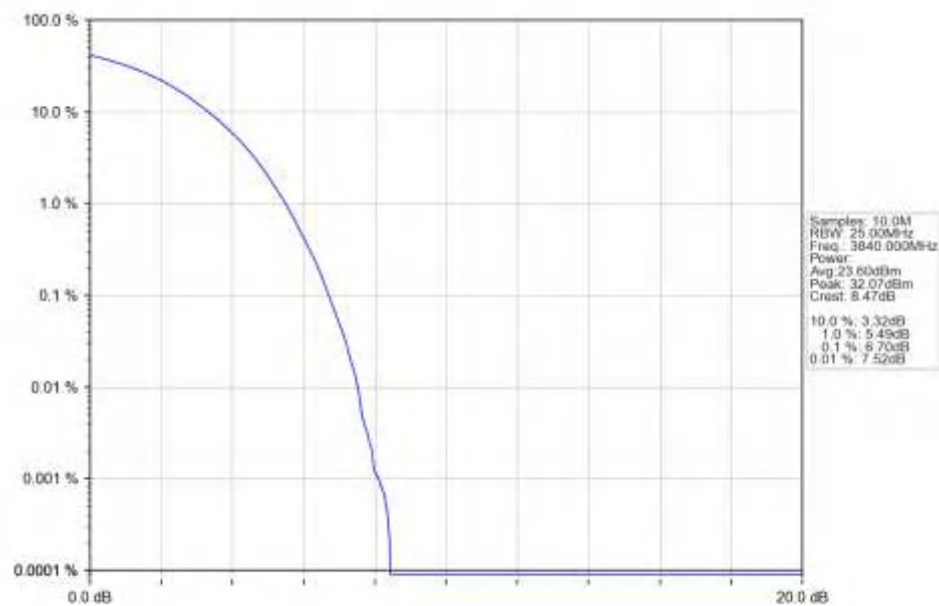


5.2.7 15k_SISO_50MHz_NTNV

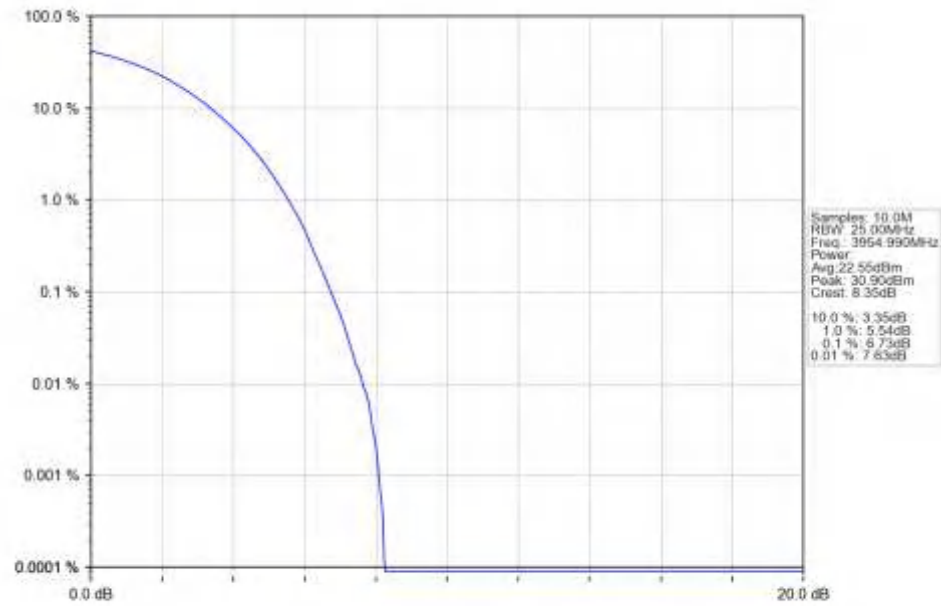
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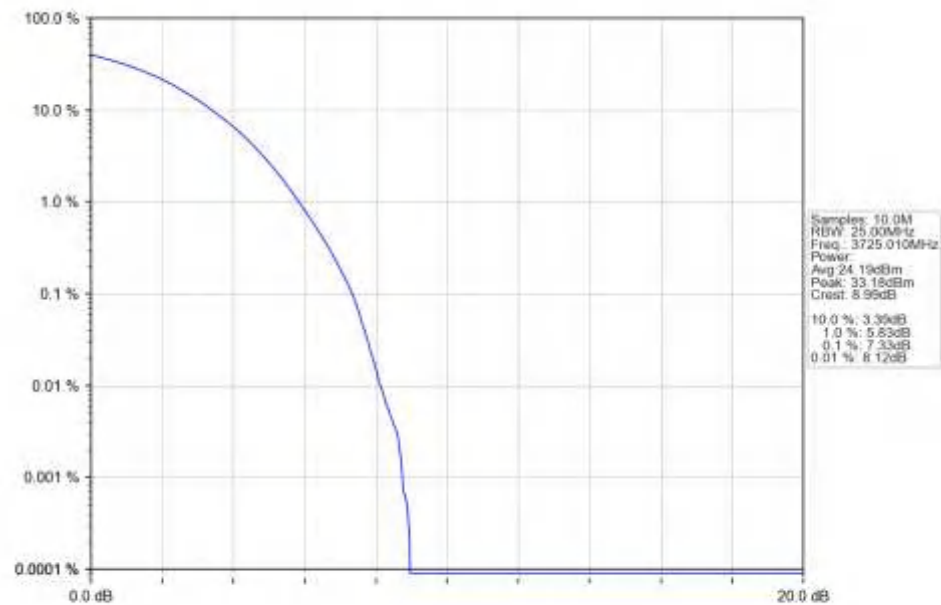
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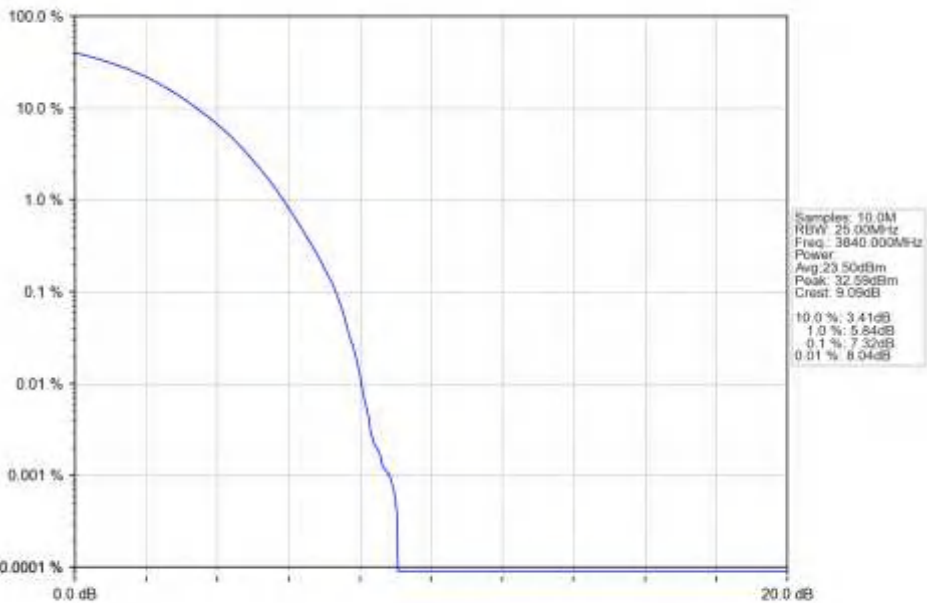
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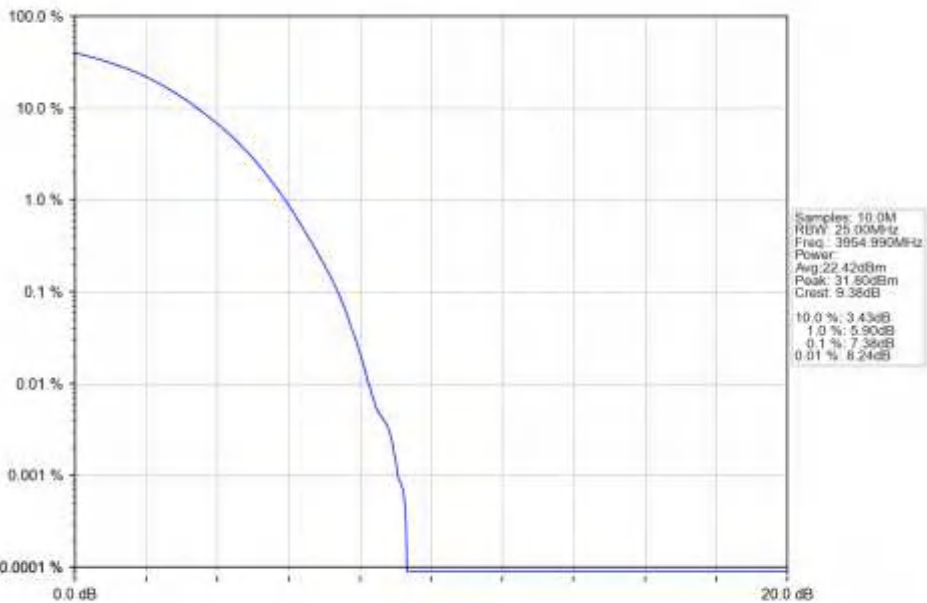
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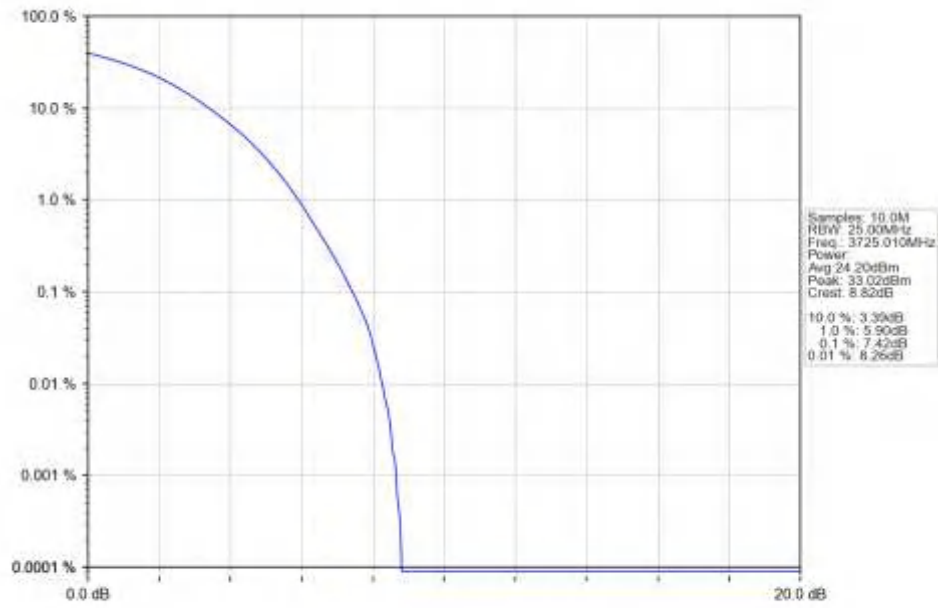
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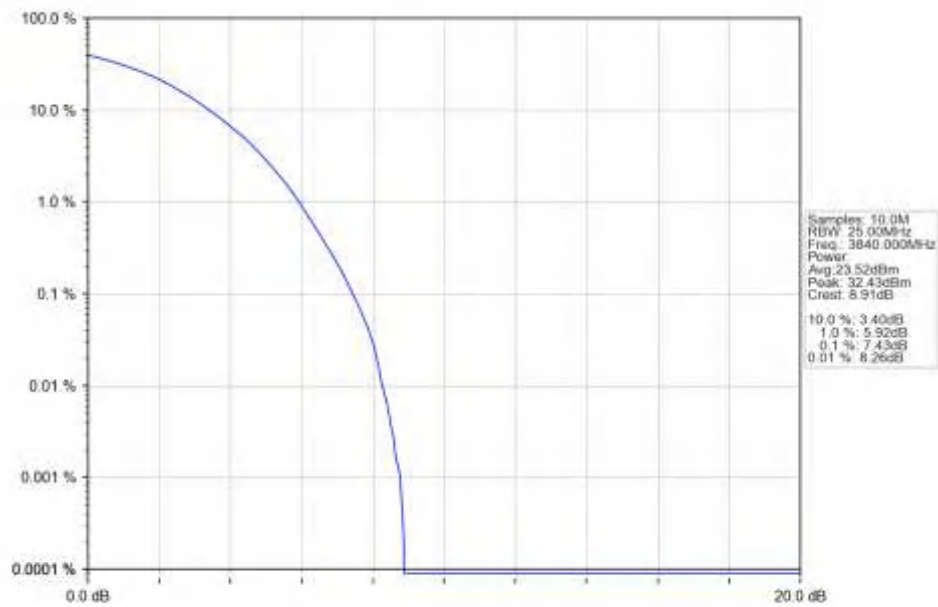
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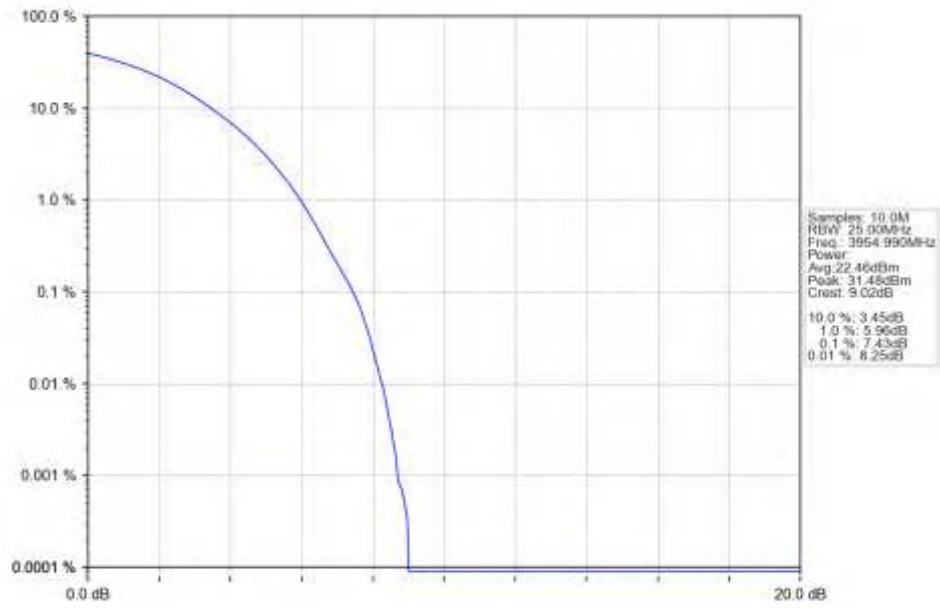
n77a 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3725.01MHz Outer Full Ant1



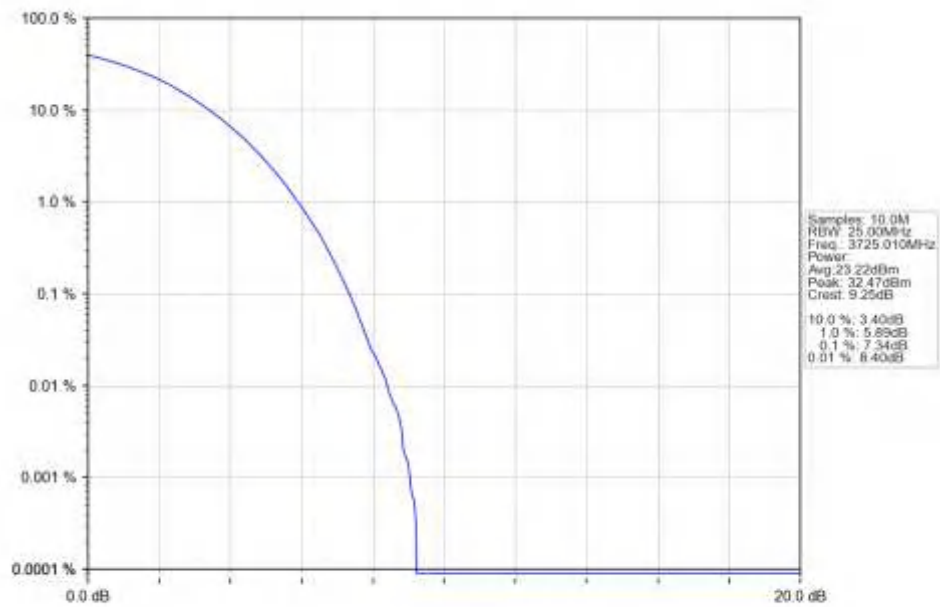
n77a 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



n77a_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3954.99MHz_Outer_Full_Ant1



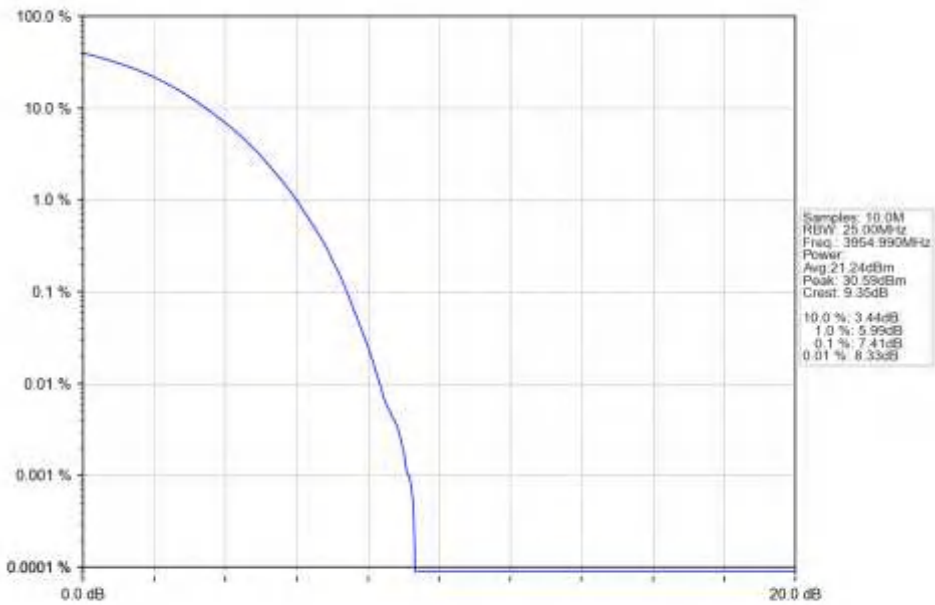
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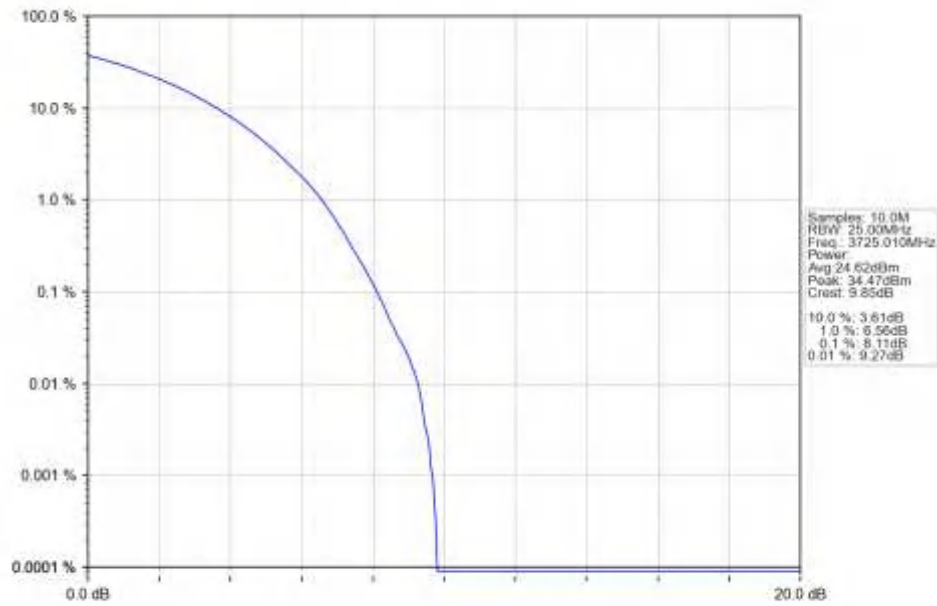
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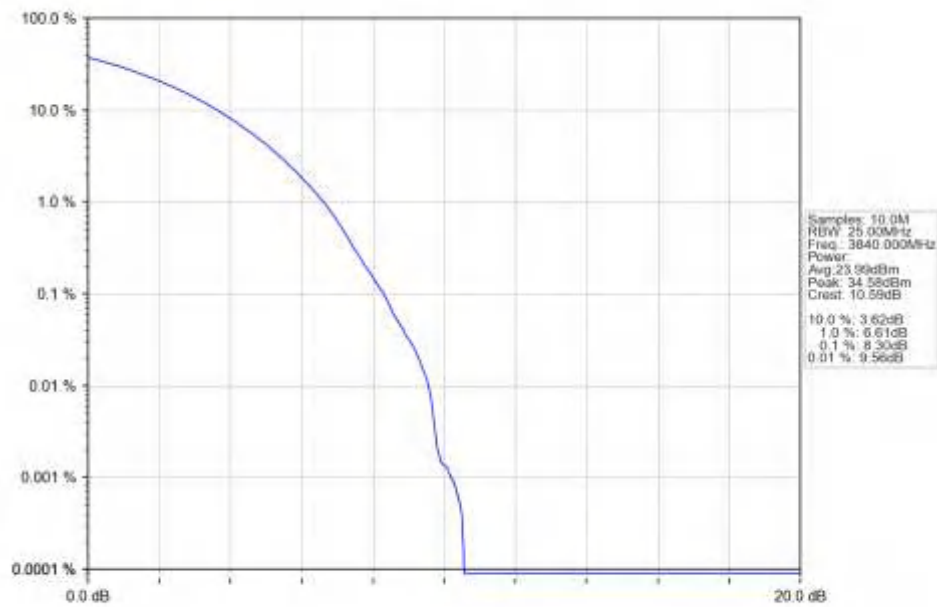
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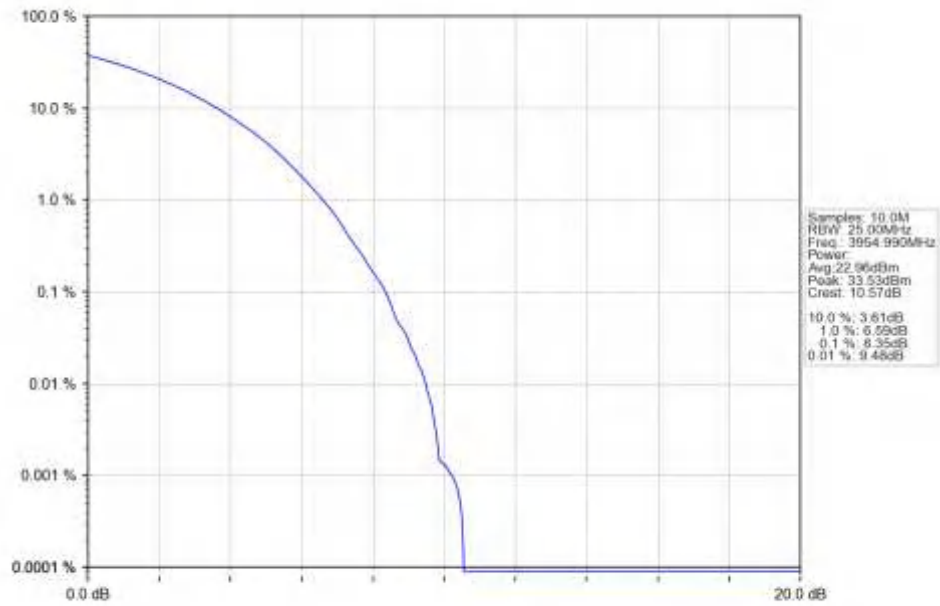
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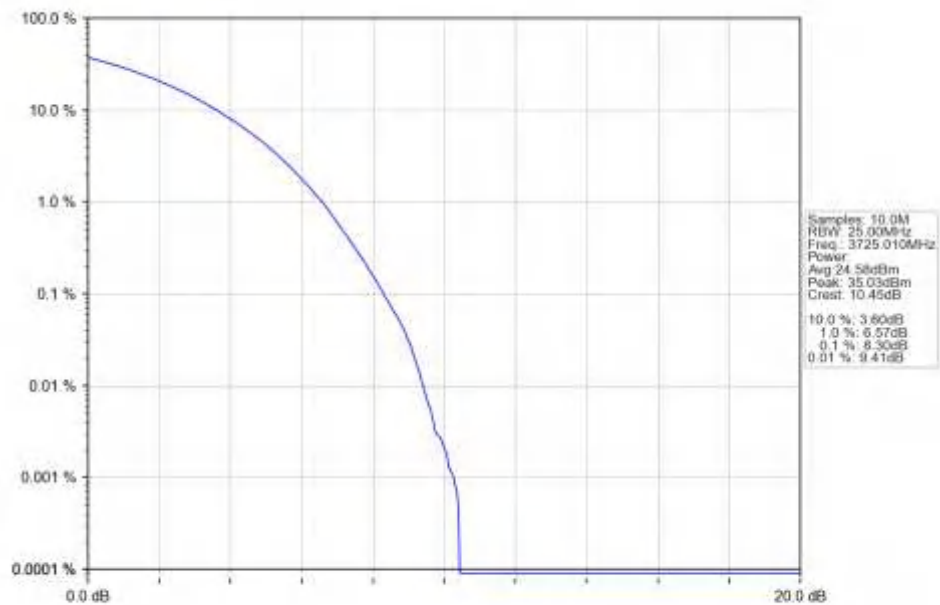
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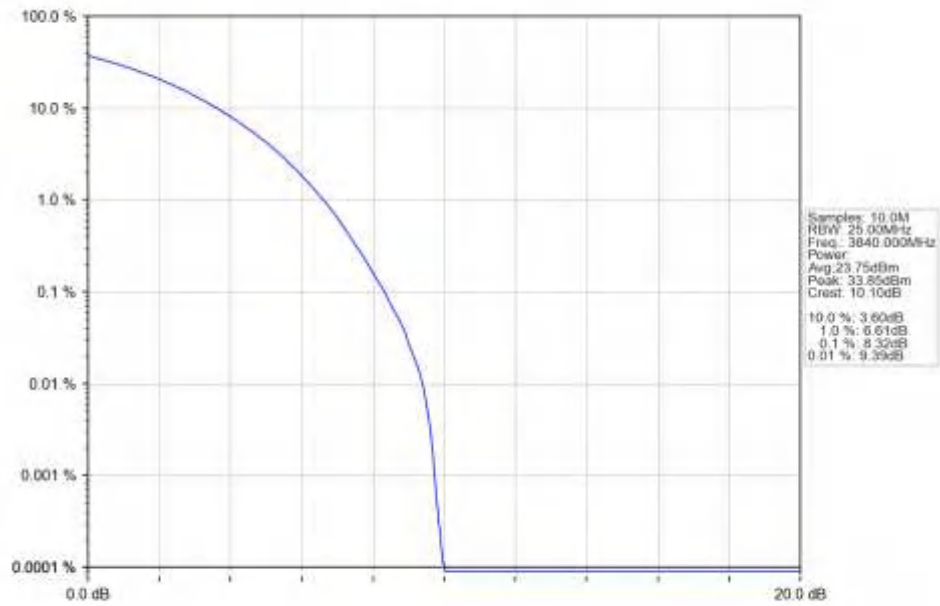
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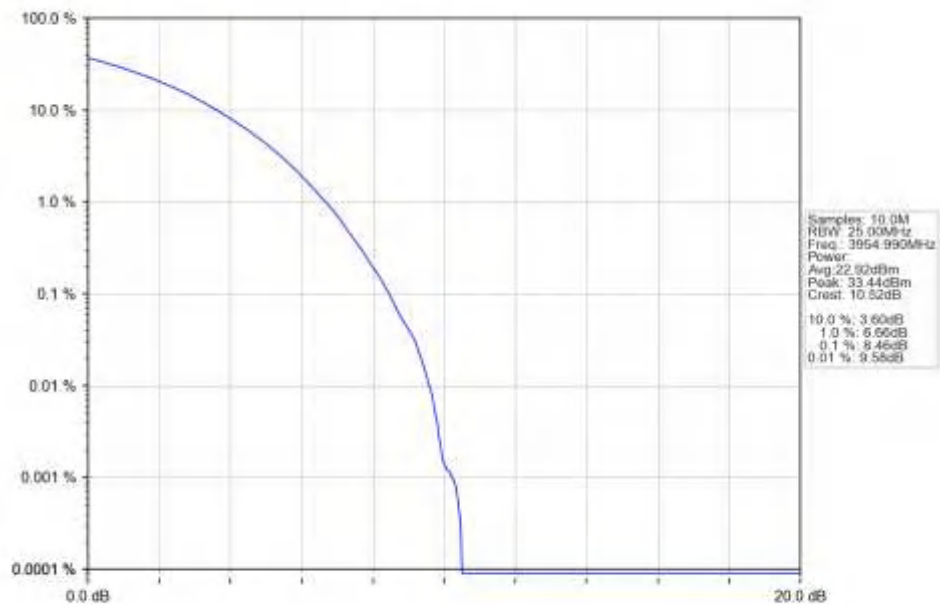
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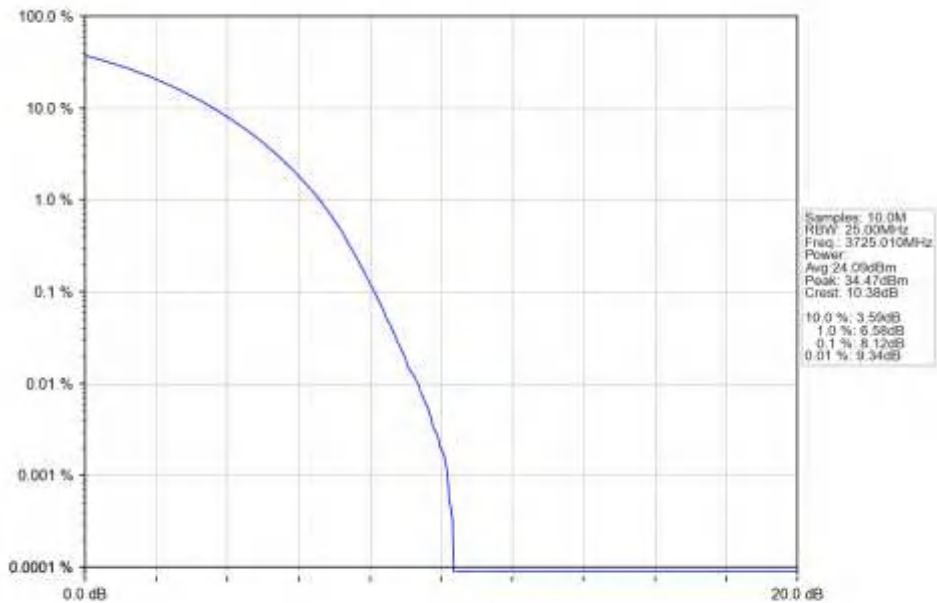
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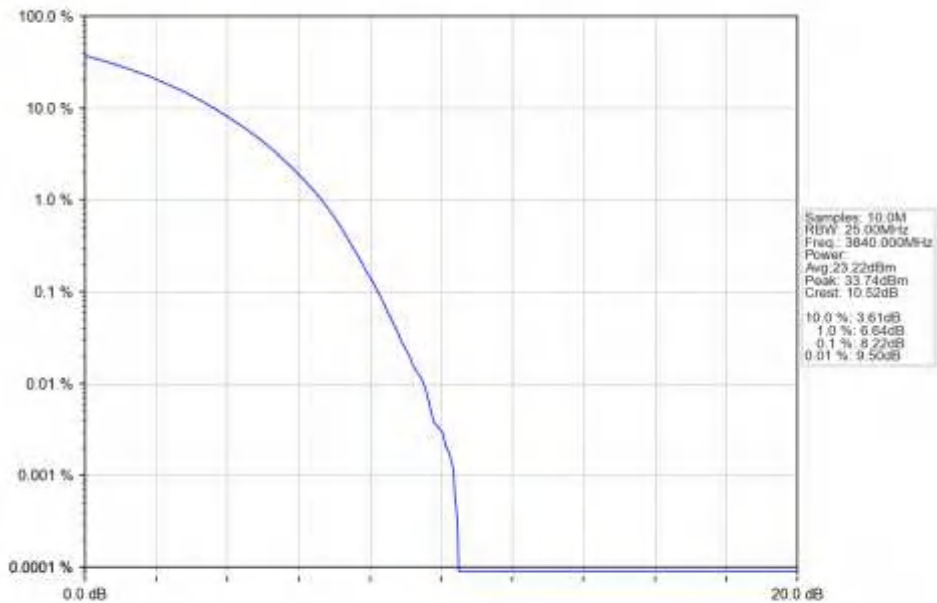
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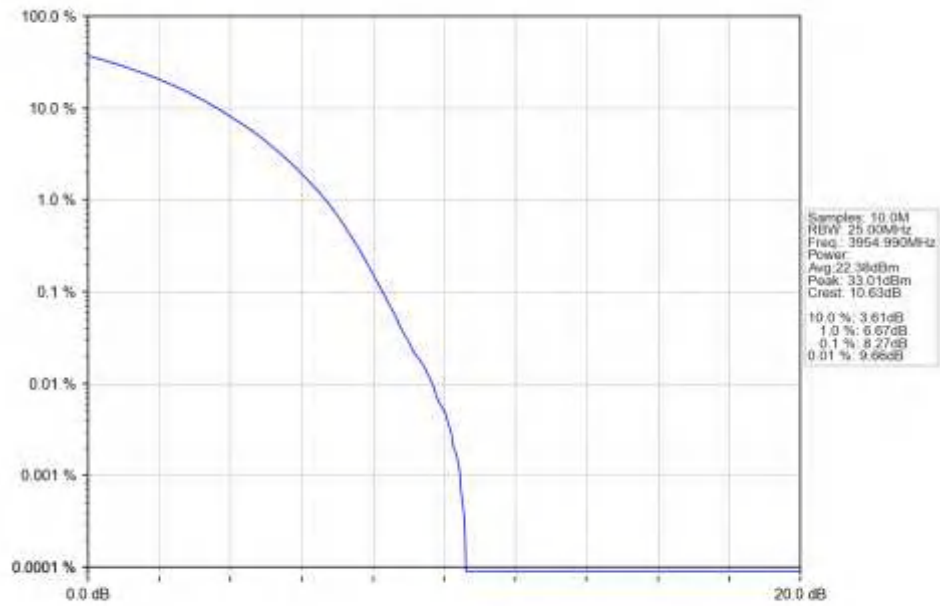
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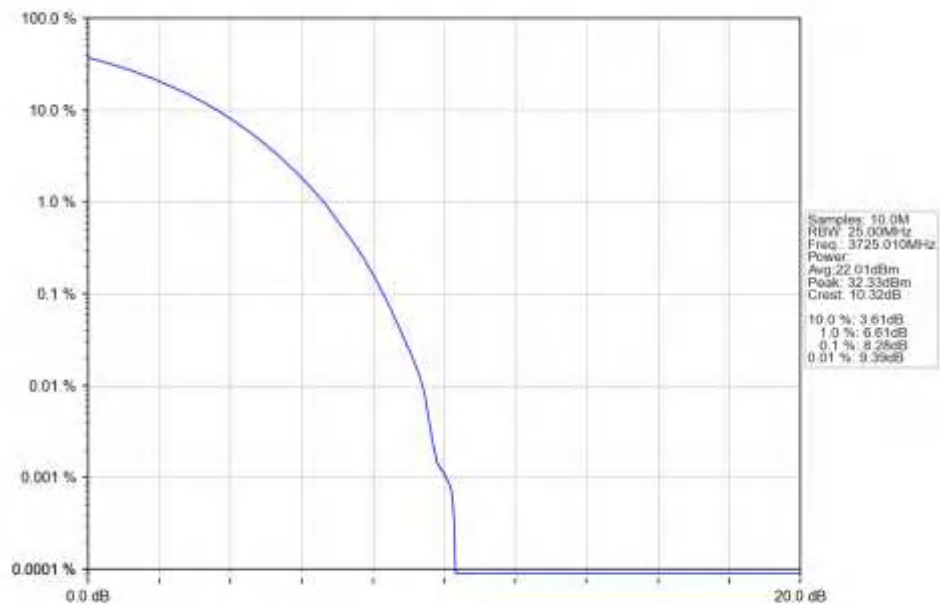
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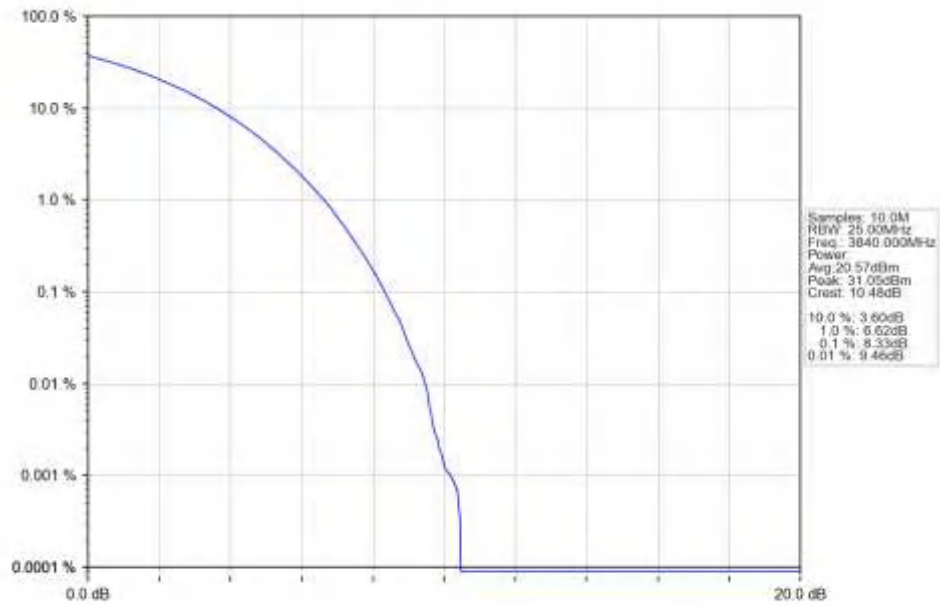
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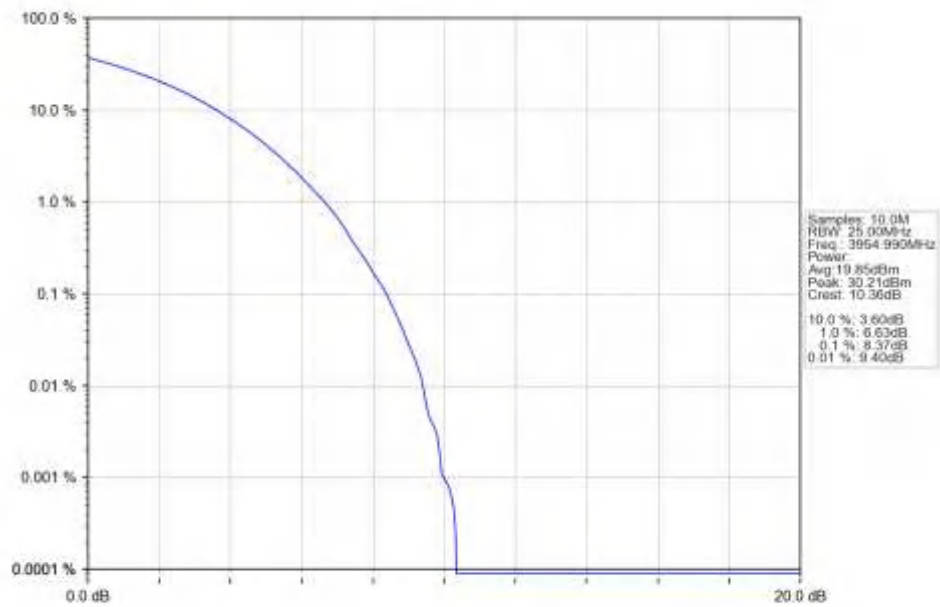
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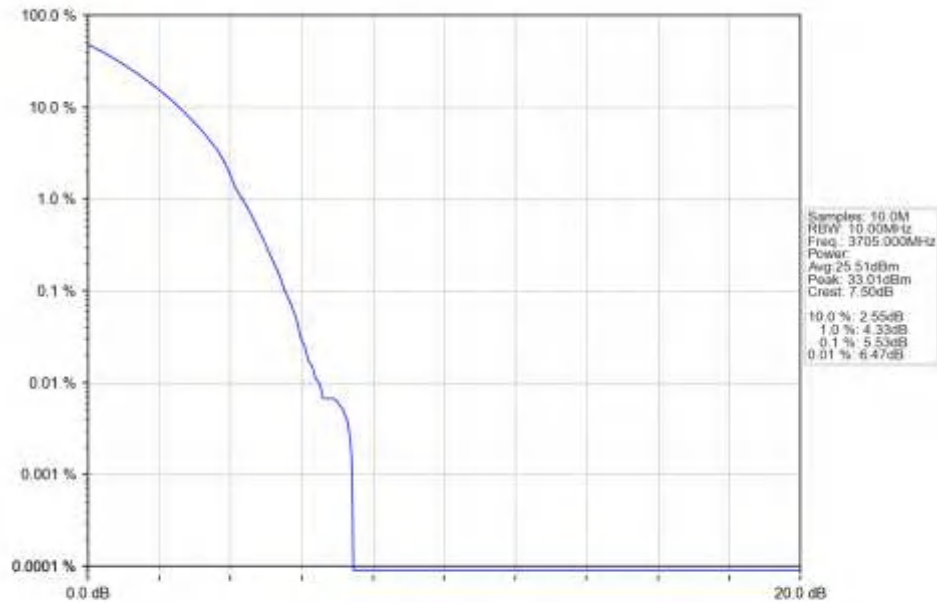


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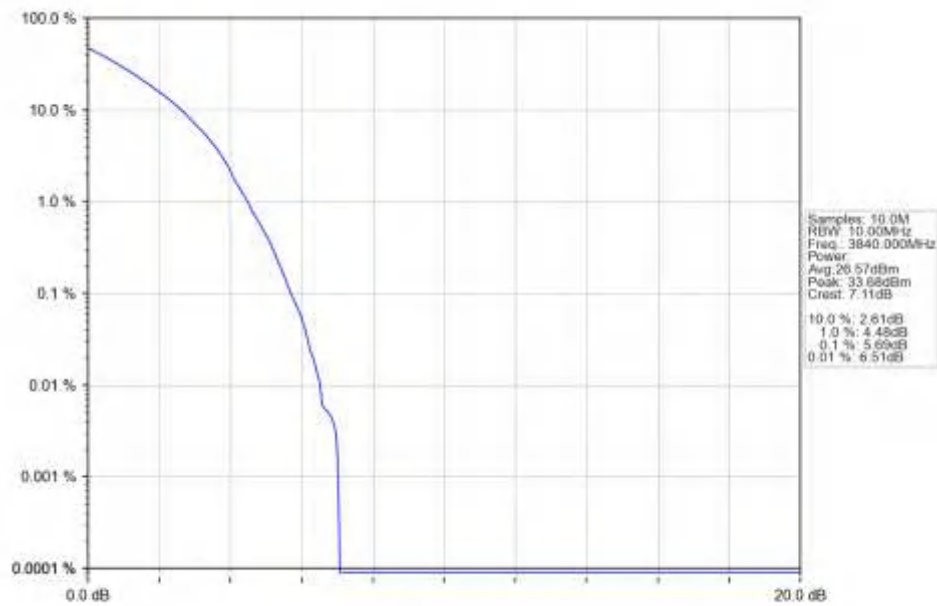


5.2.8 30k_SISO_10MHz_NTNV

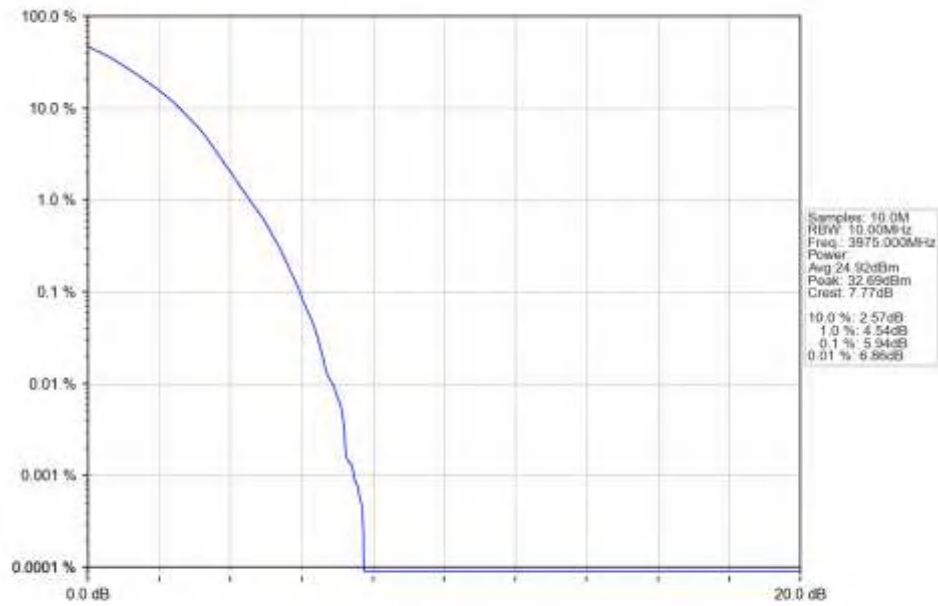
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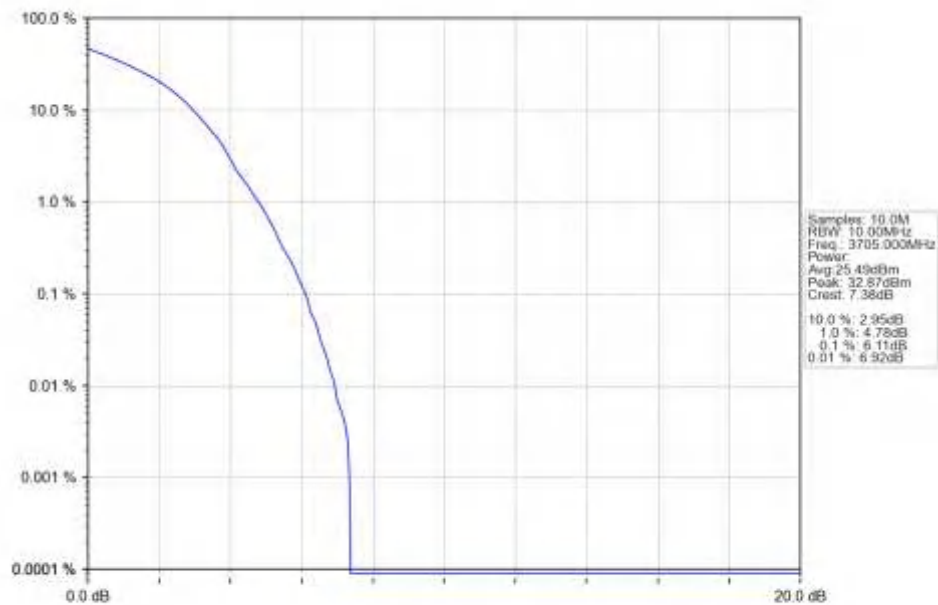
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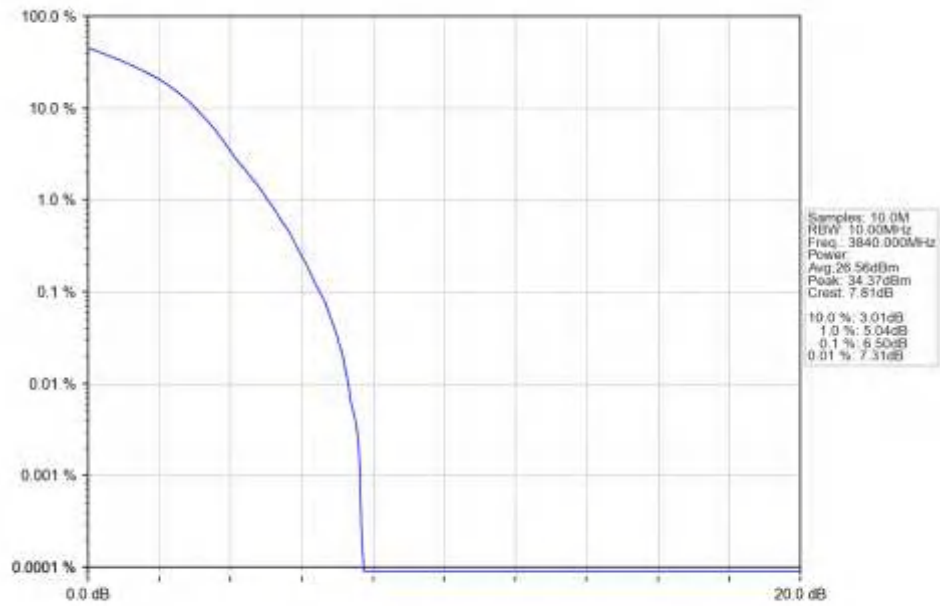
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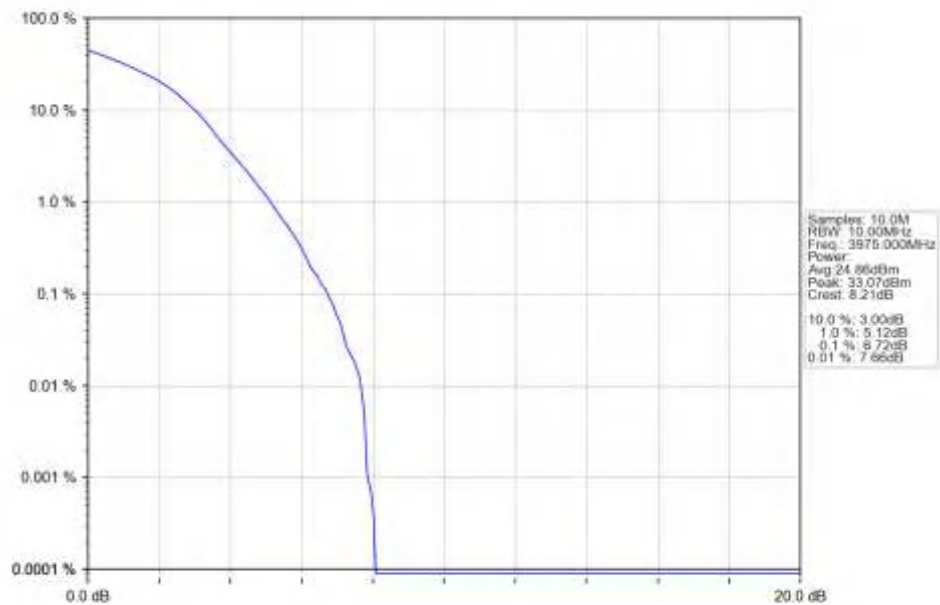
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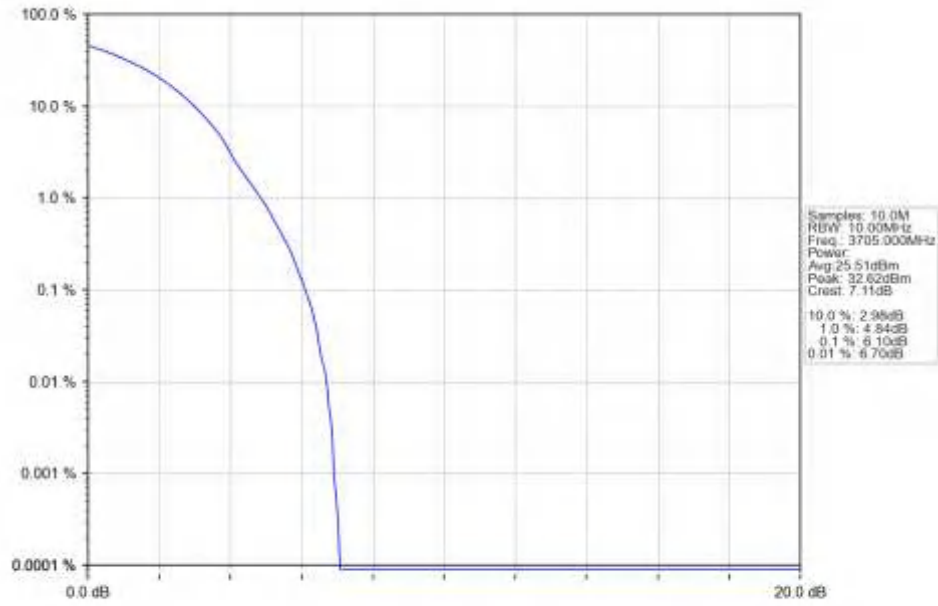
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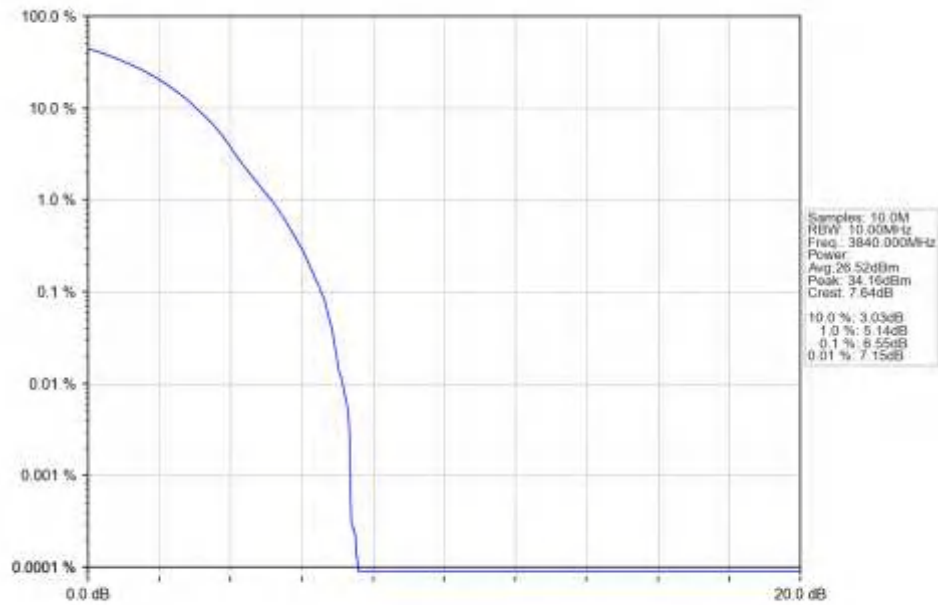
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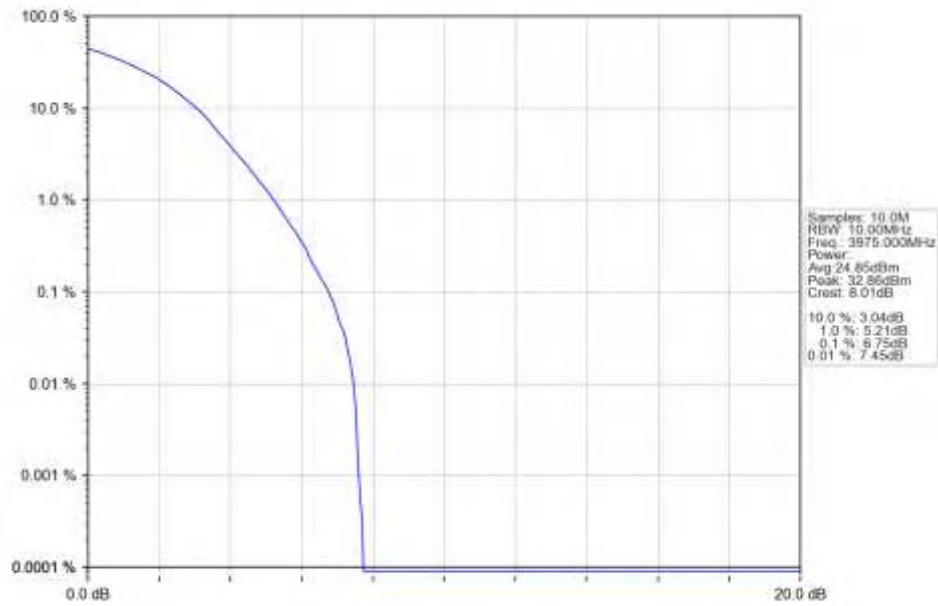
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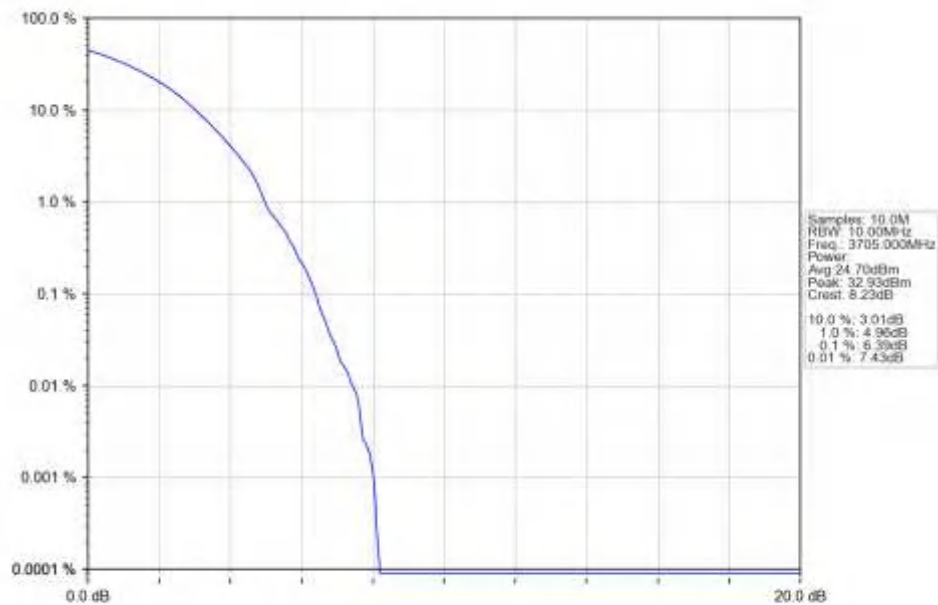
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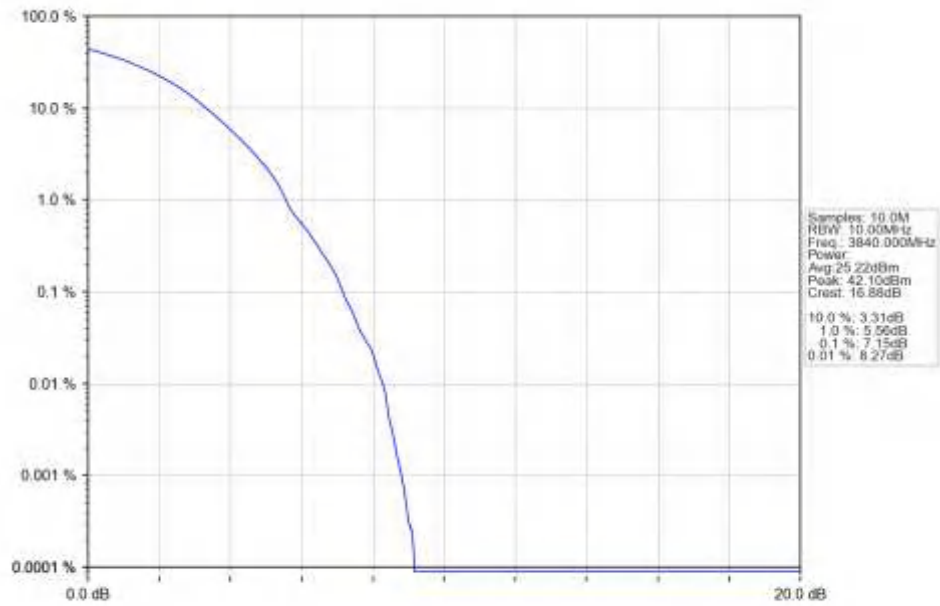
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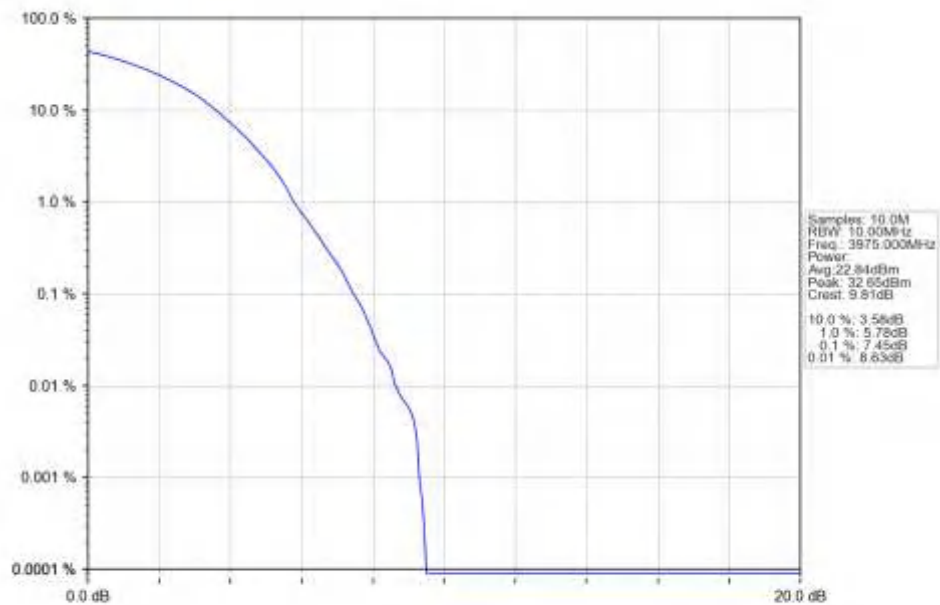
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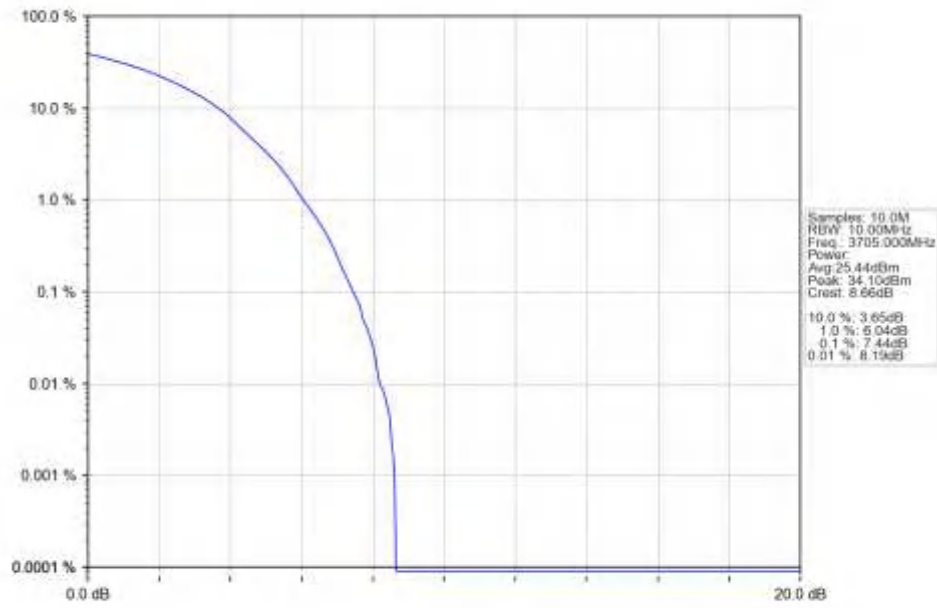
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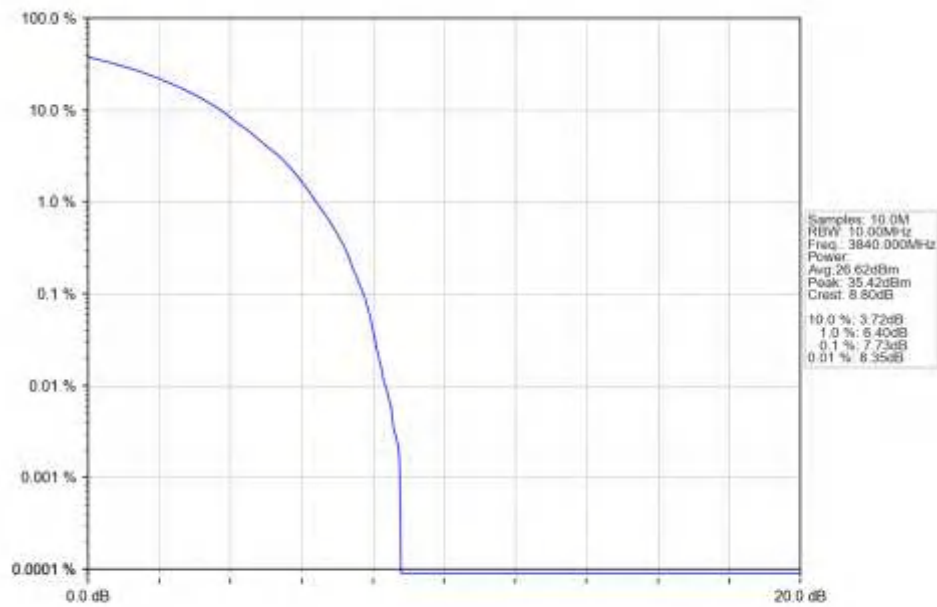
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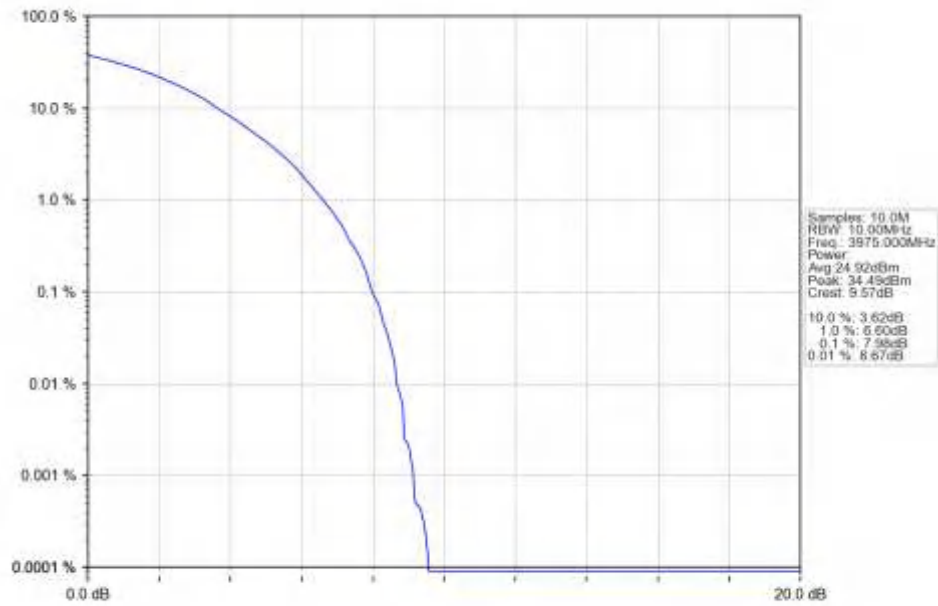
n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer Full Ant1



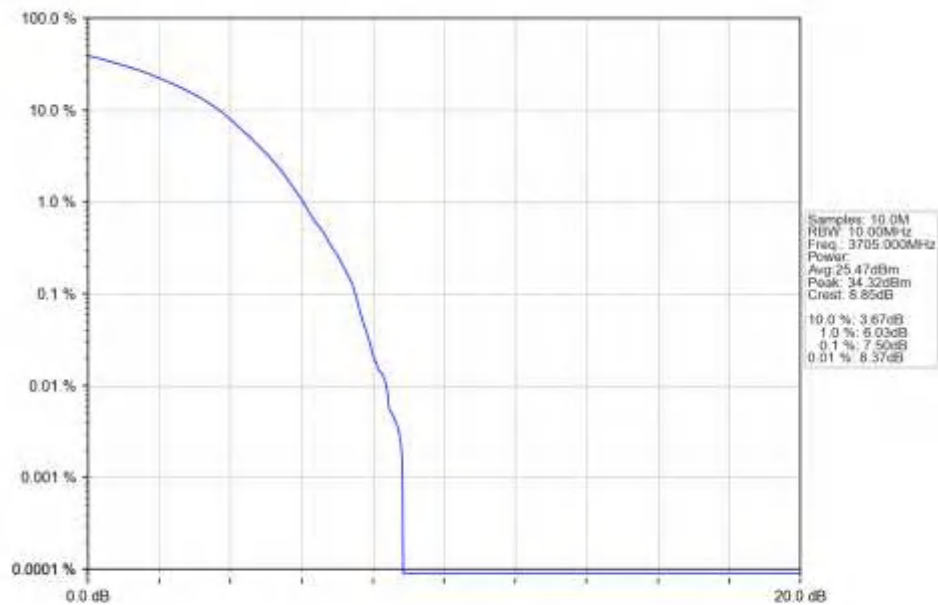
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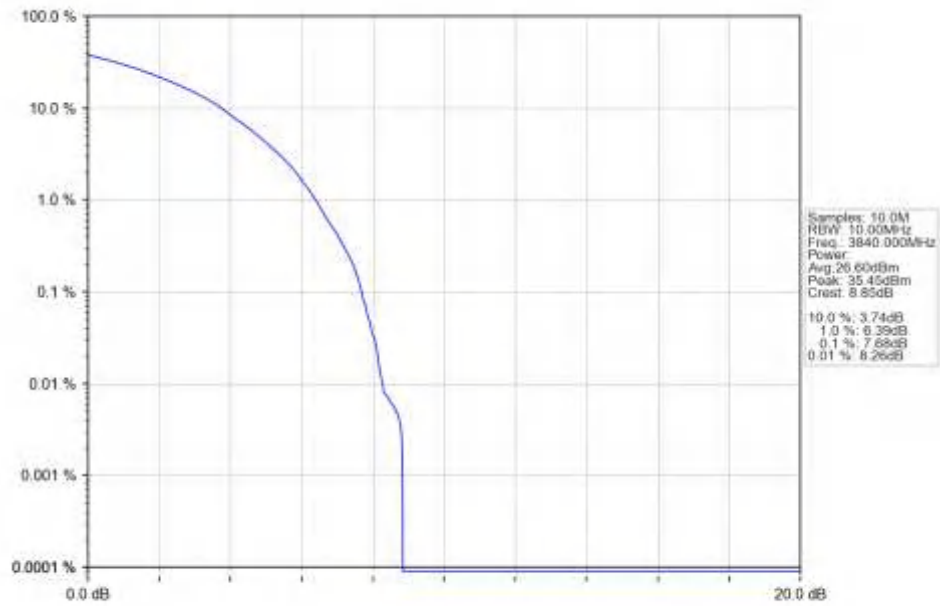
n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3975MHz Outer Full Ant1



n77a 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3705MHz Outer Full Ant1



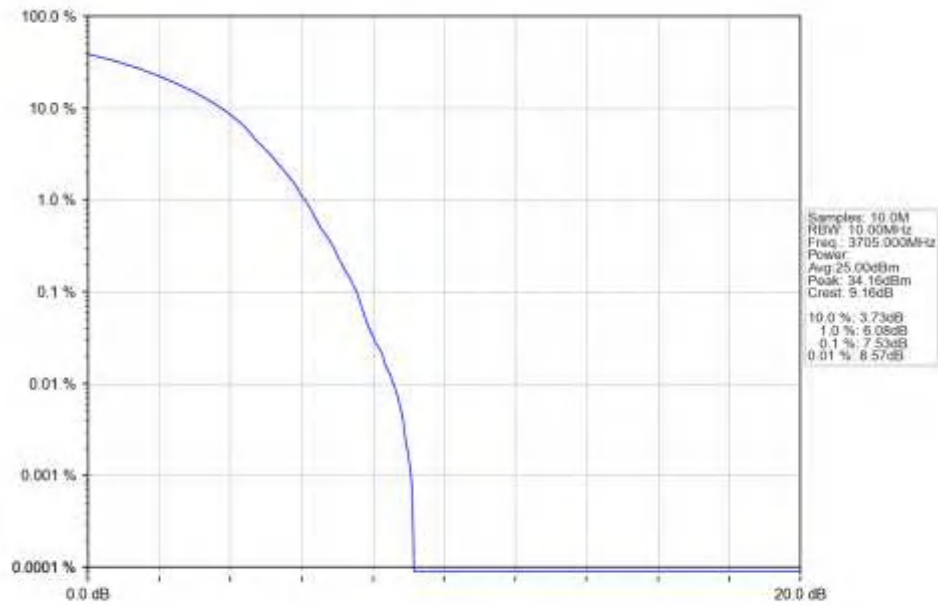
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n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3975MHz_Outer_Full_Ant1



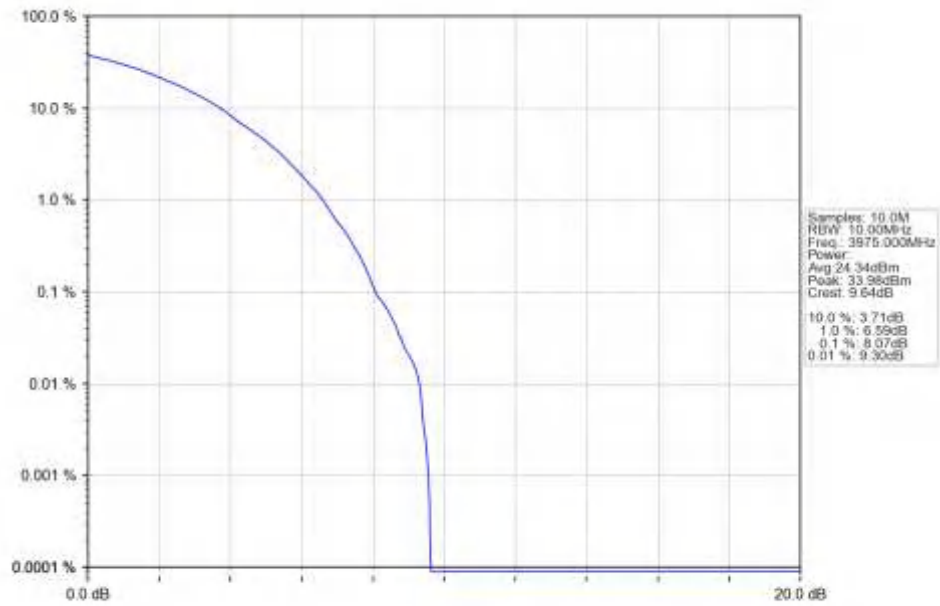
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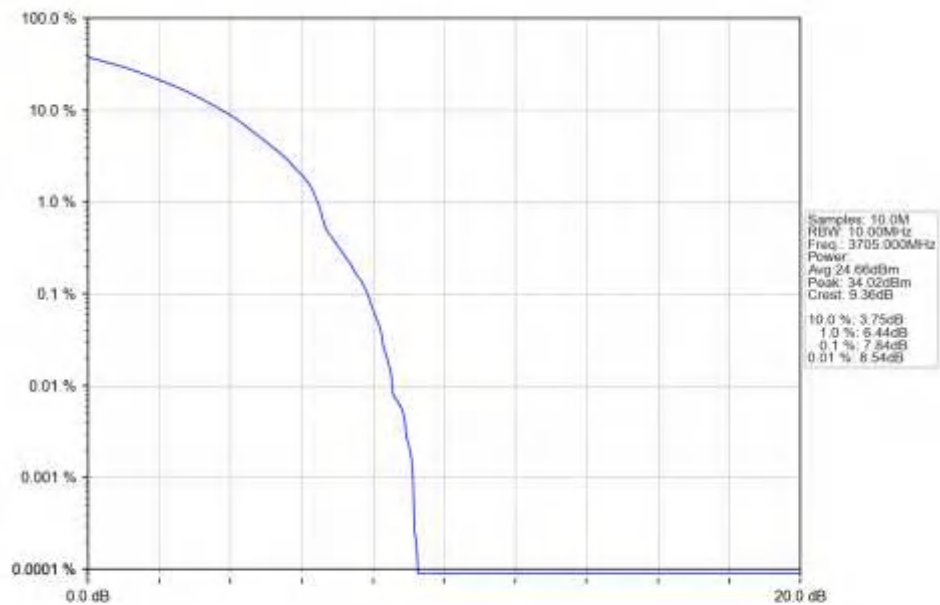
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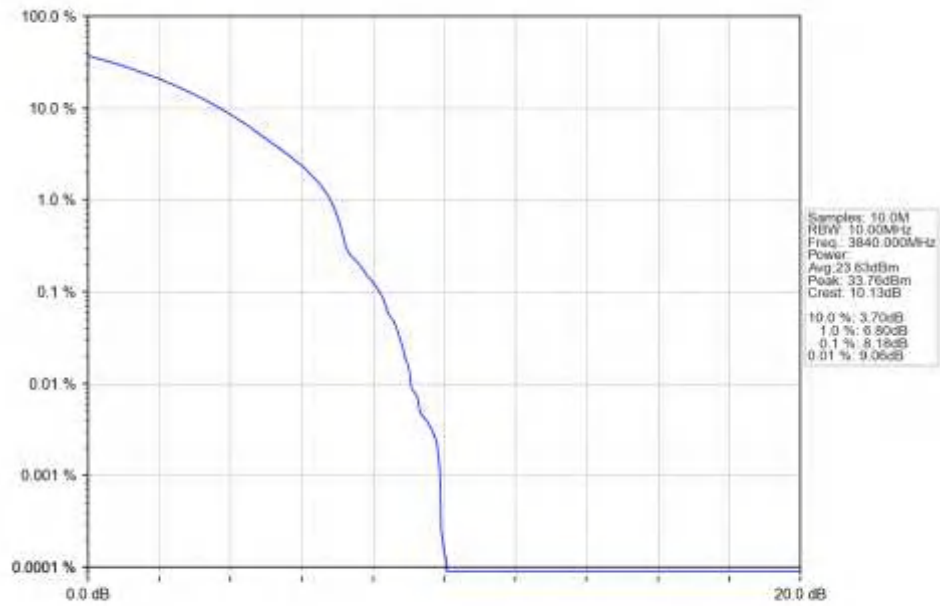
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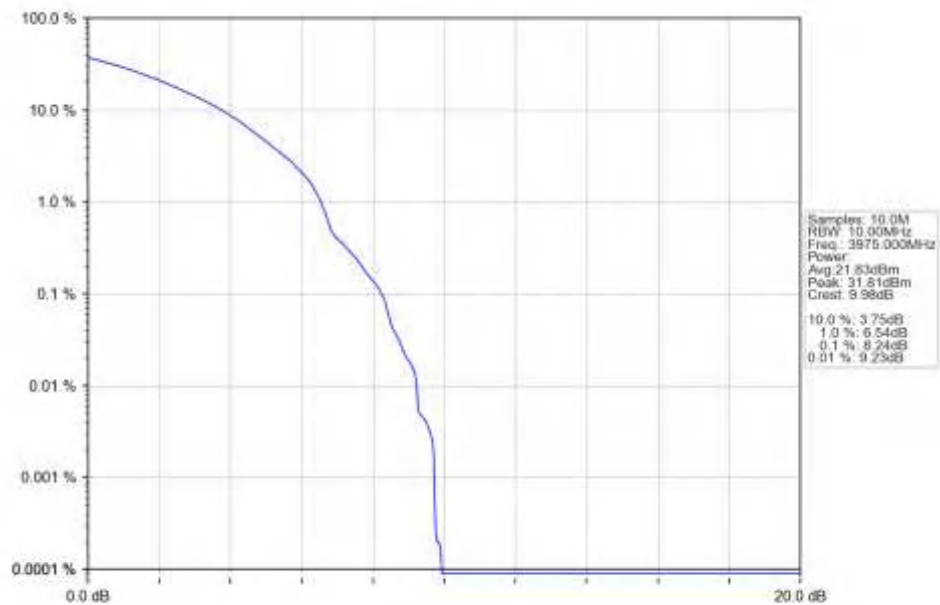
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n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

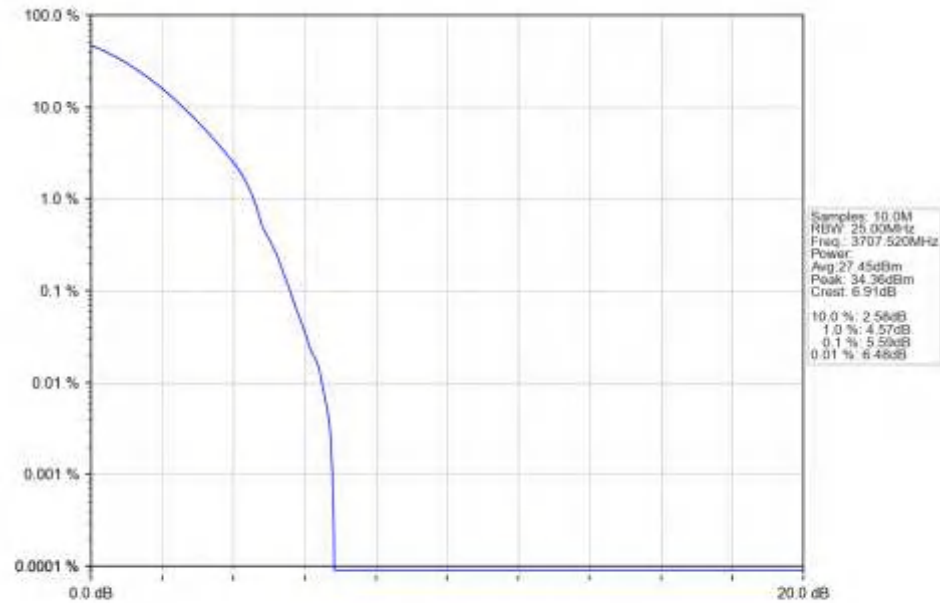


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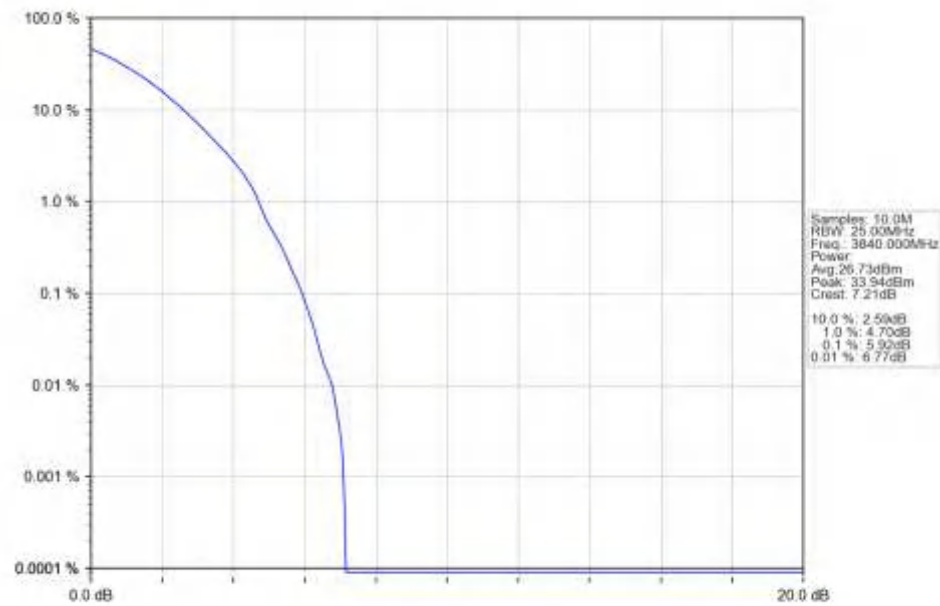


5.2.9 30k_SISO_15MHz_NTNV

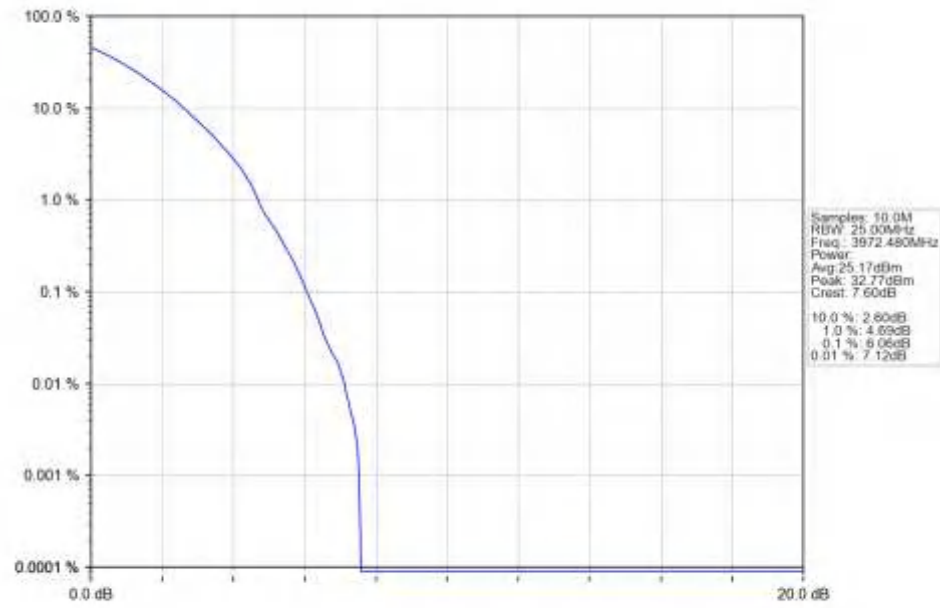
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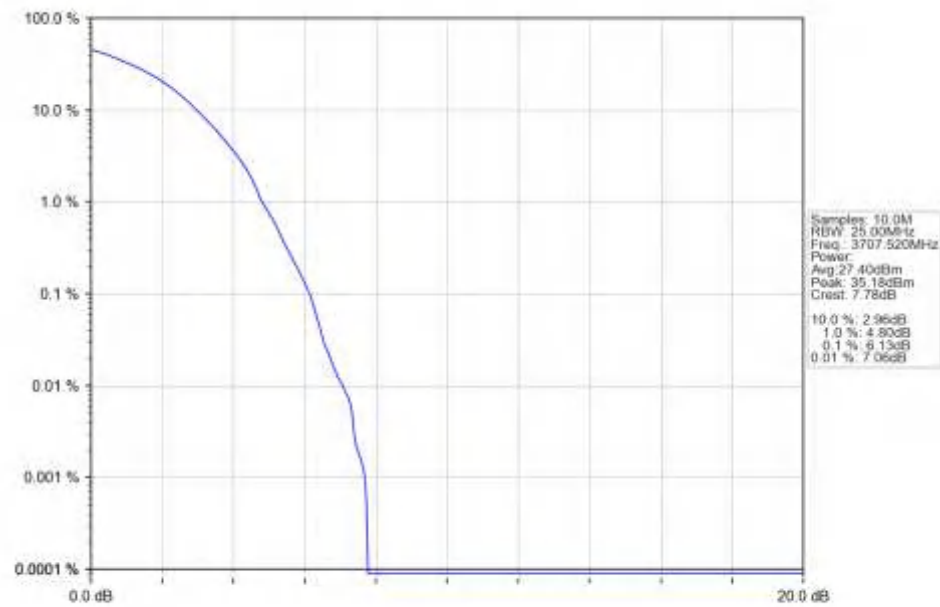
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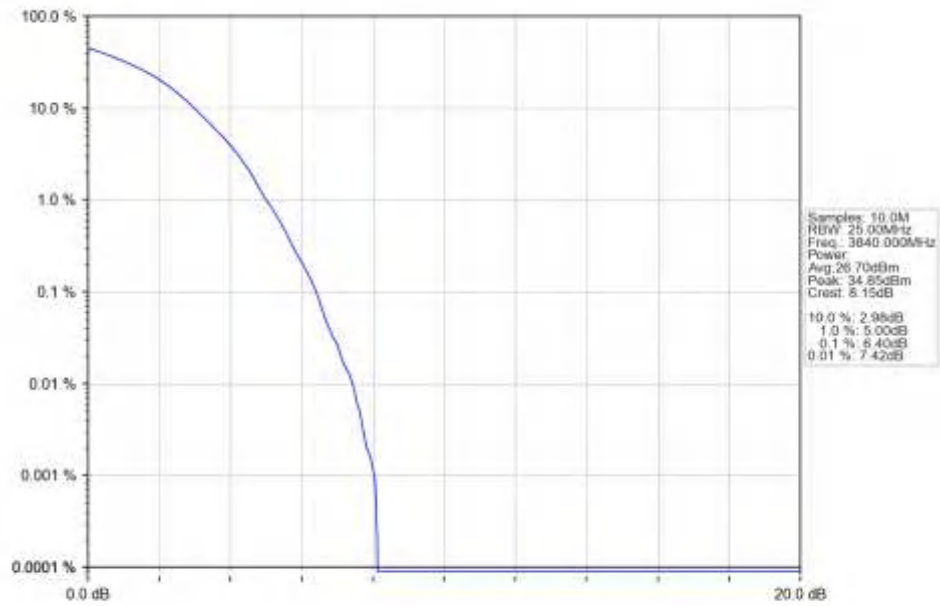
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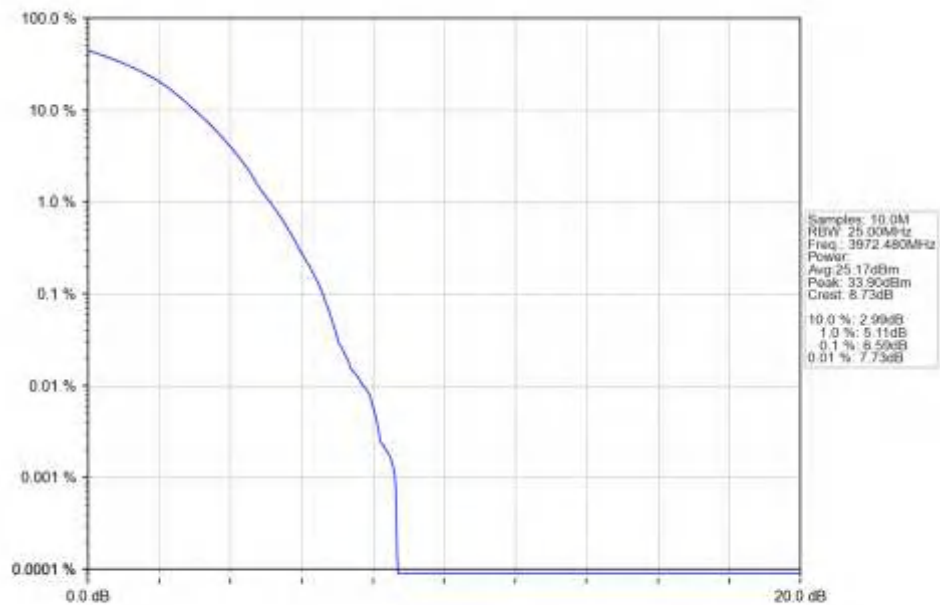
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3707.52MHz_Outer_Full_Ant1



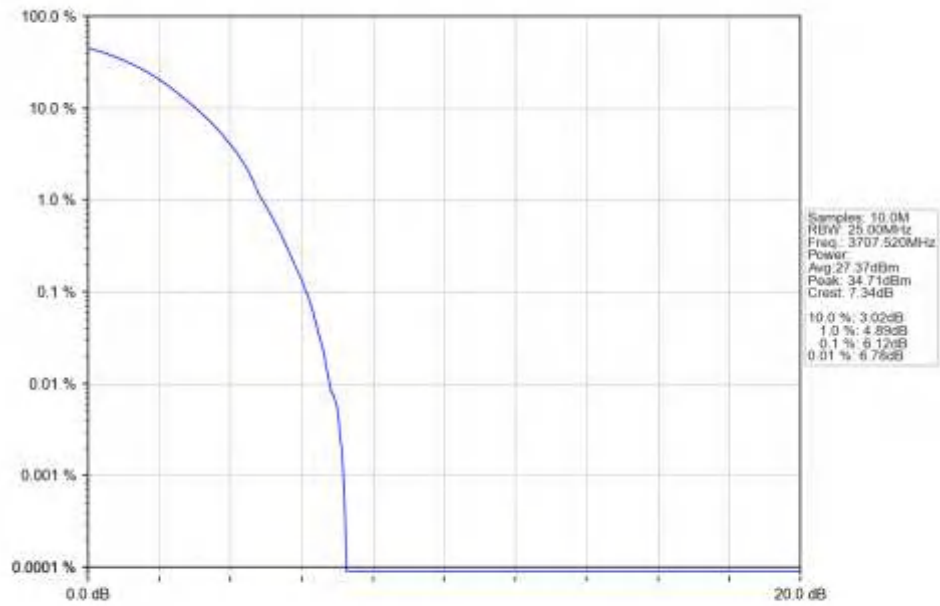
n77a 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



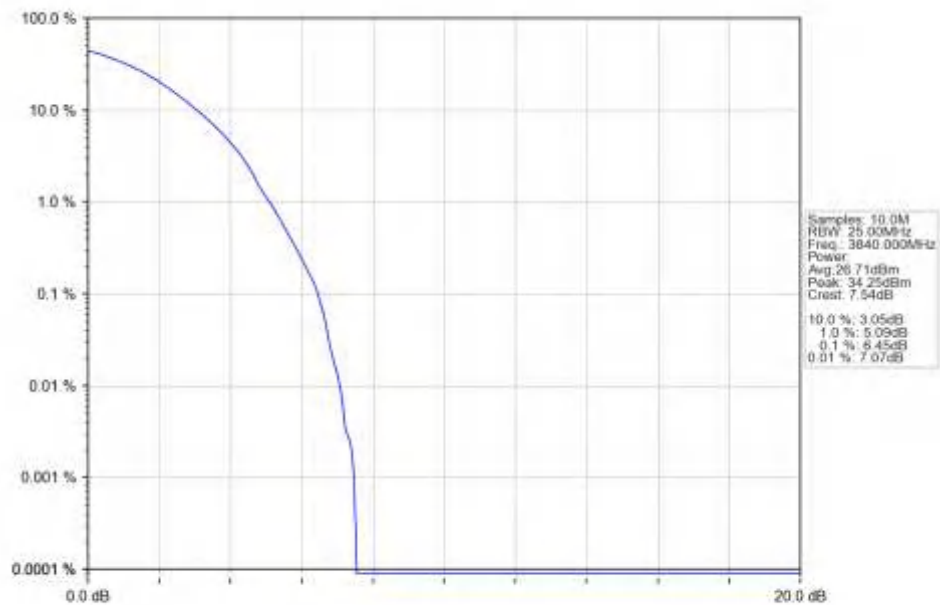
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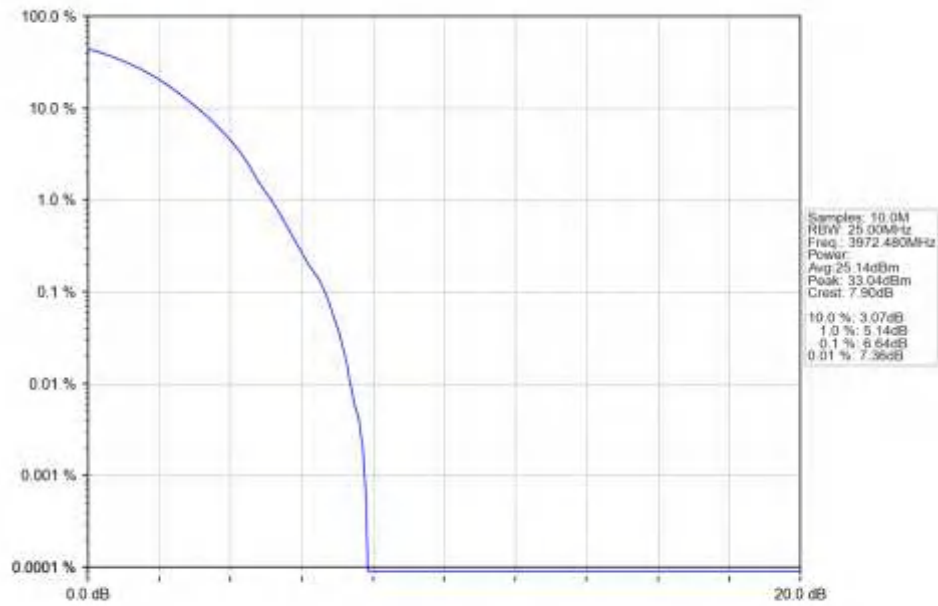
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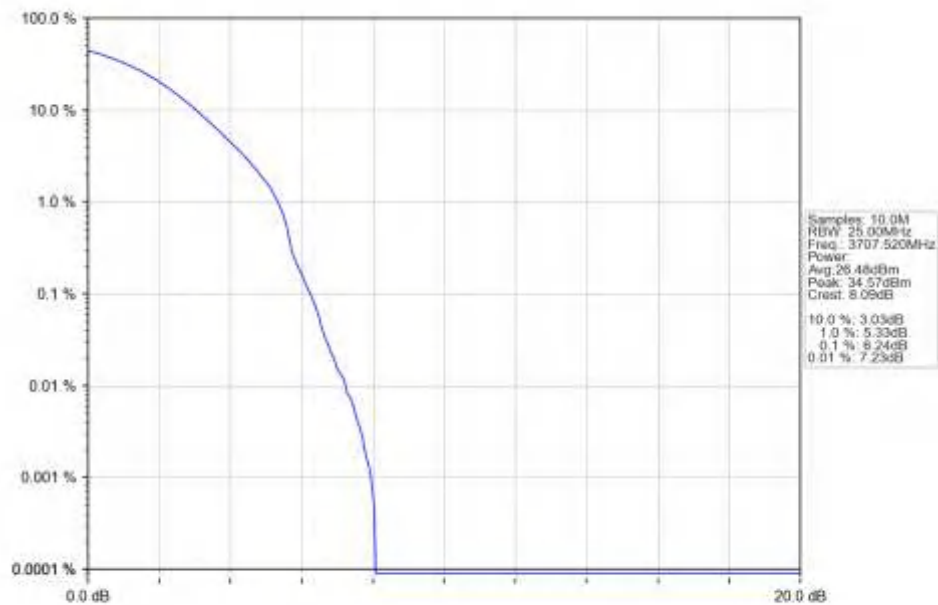
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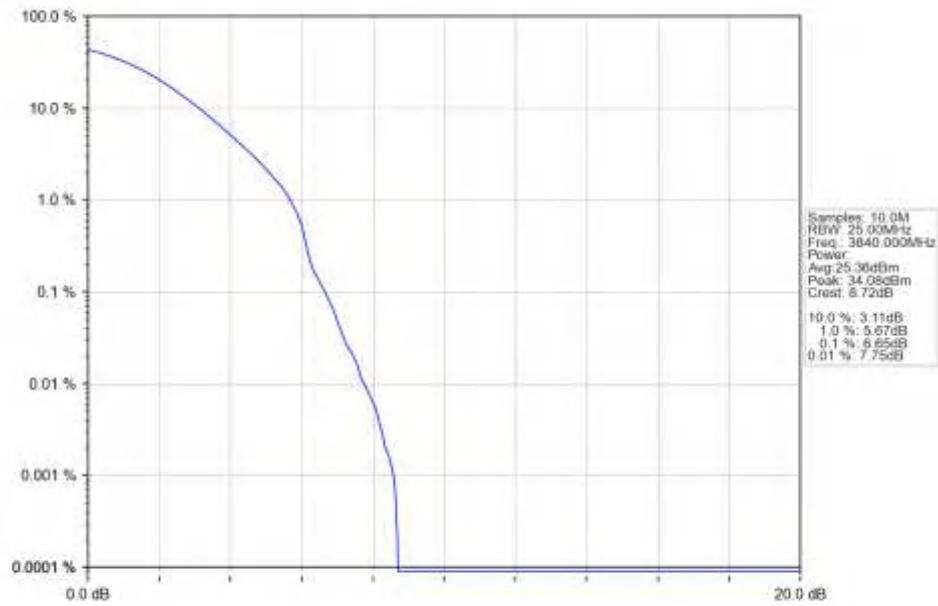
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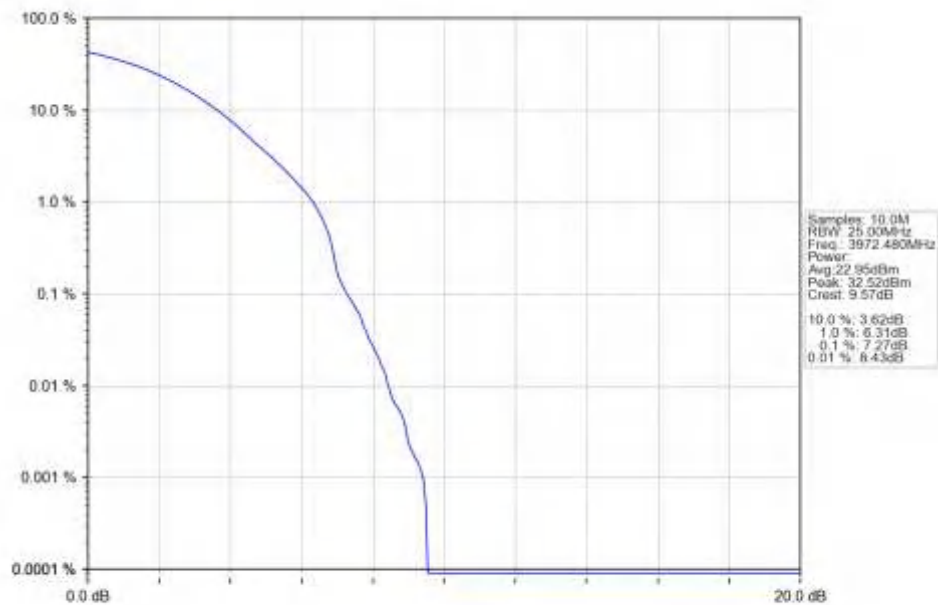
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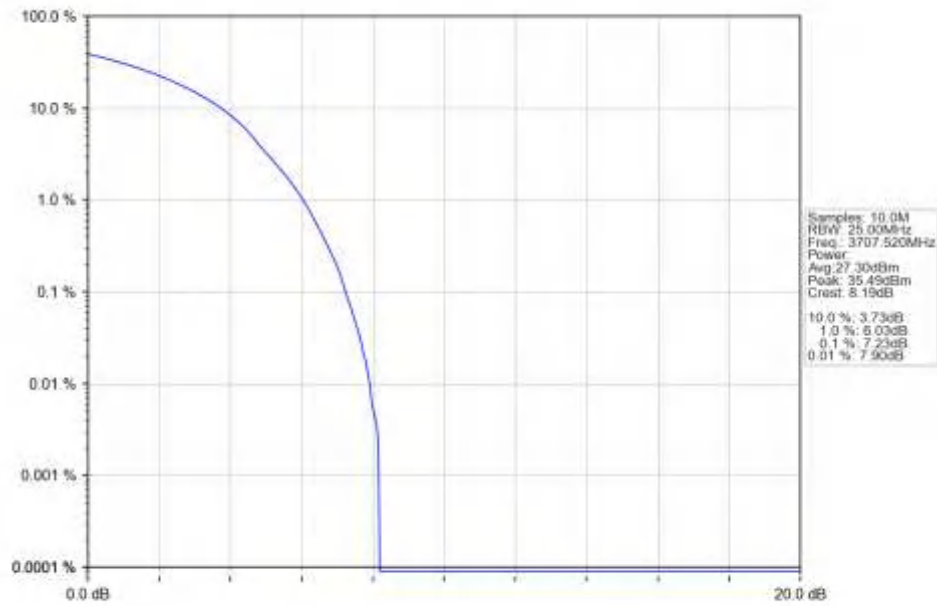
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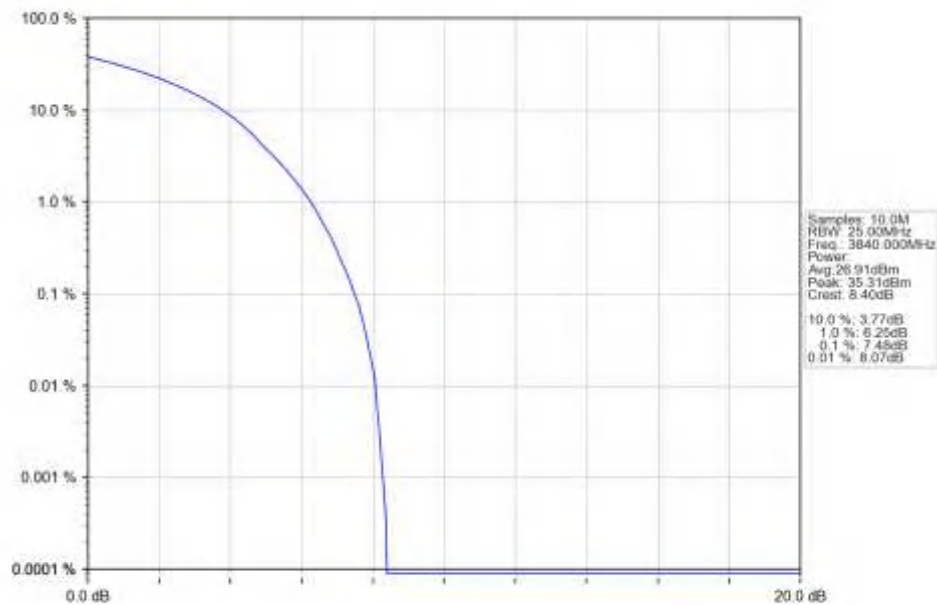
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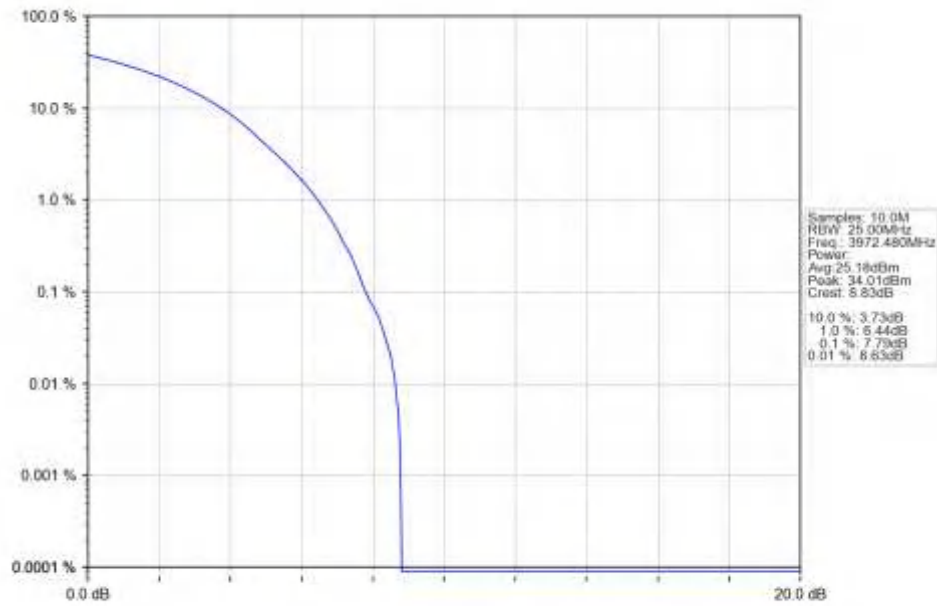
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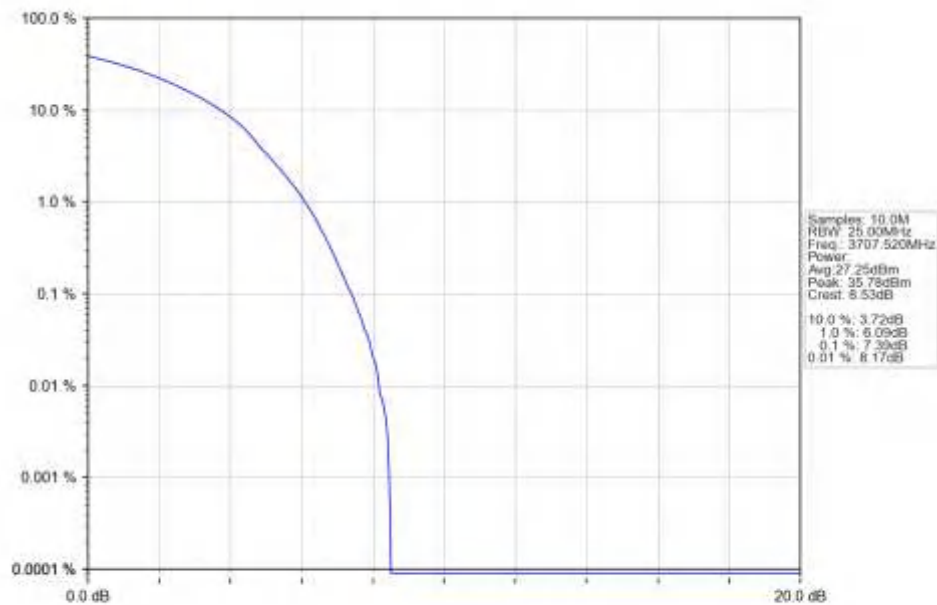
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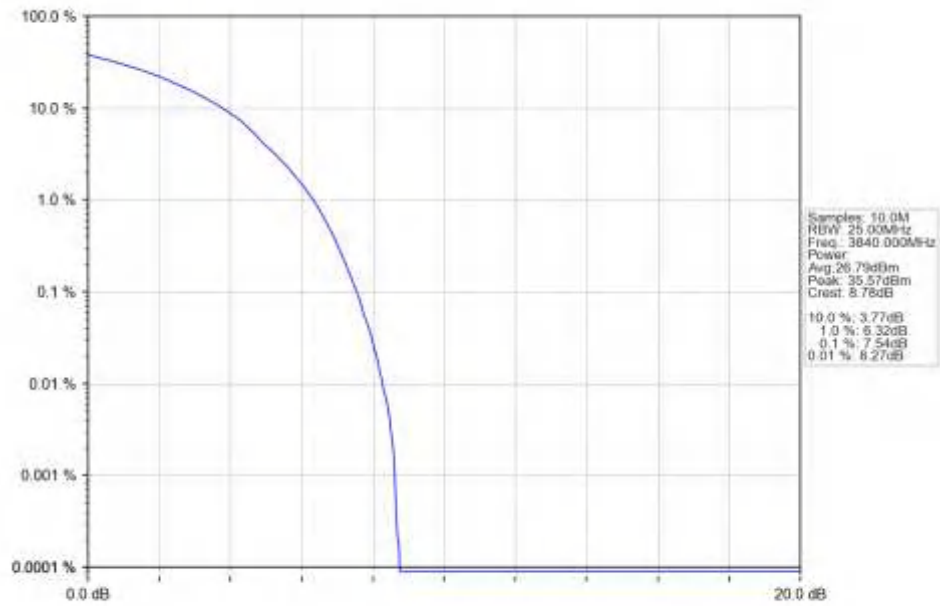
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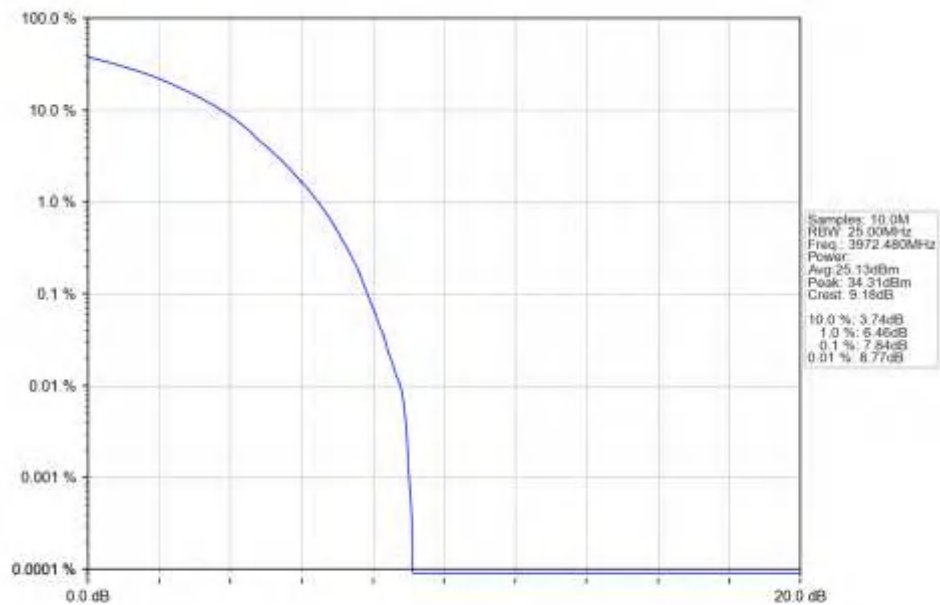
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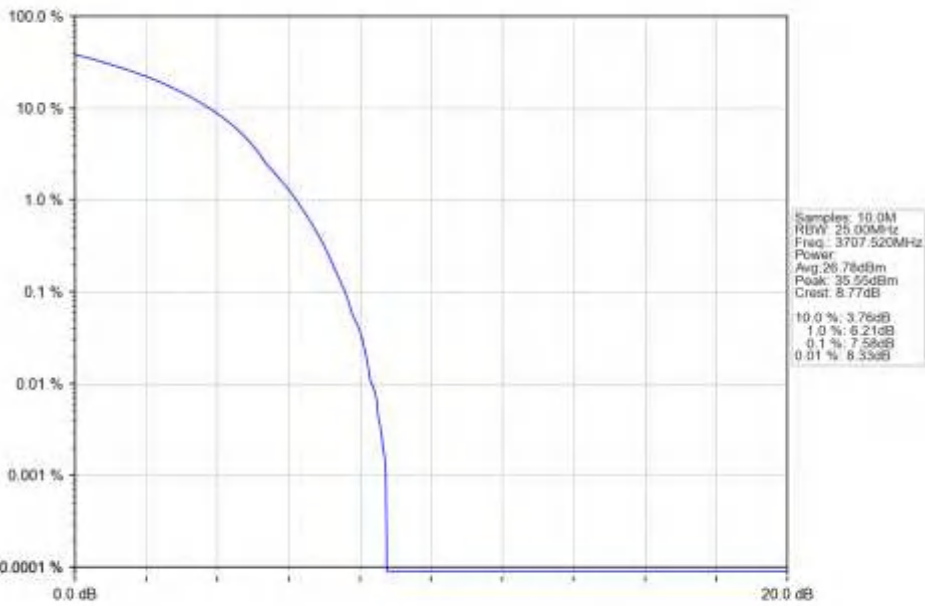
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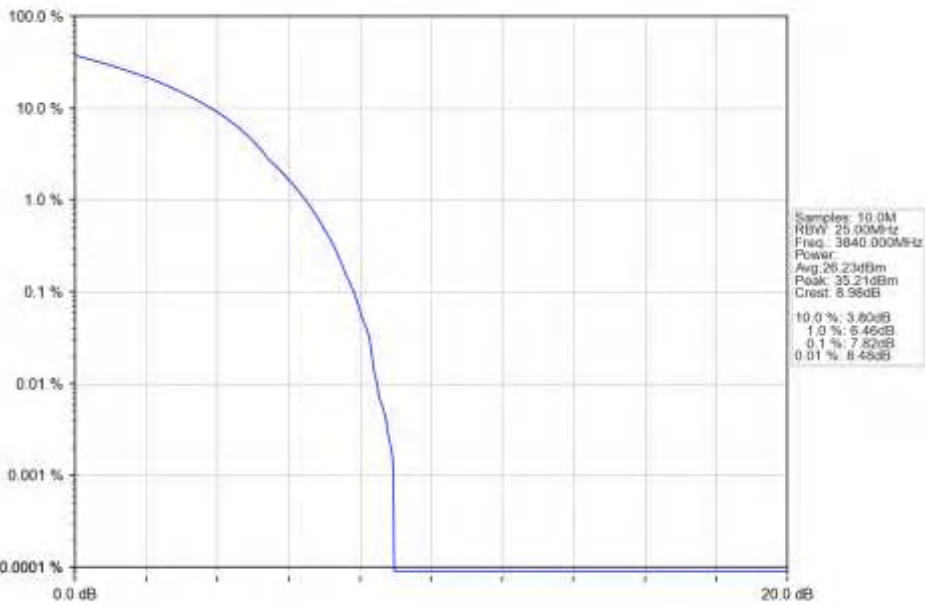
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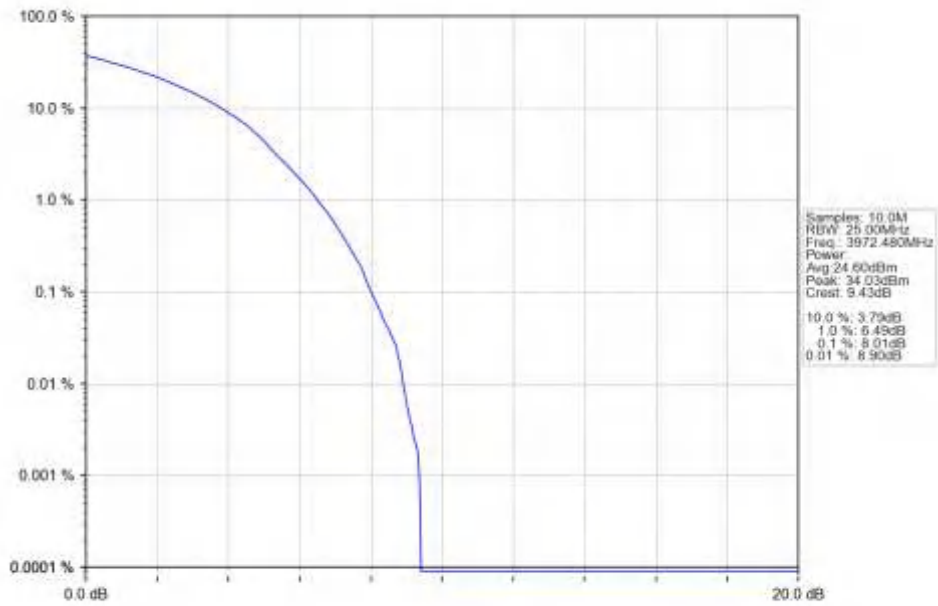
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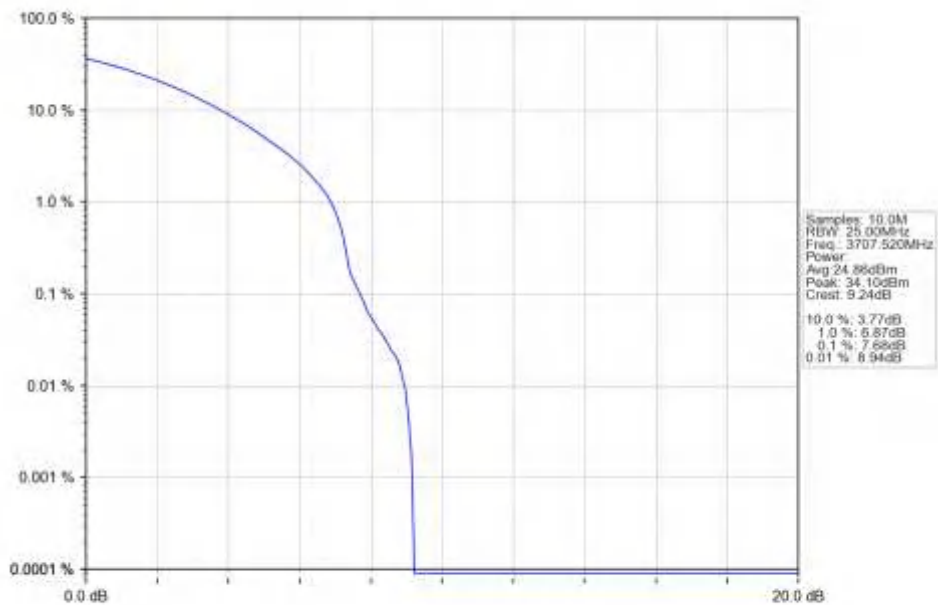
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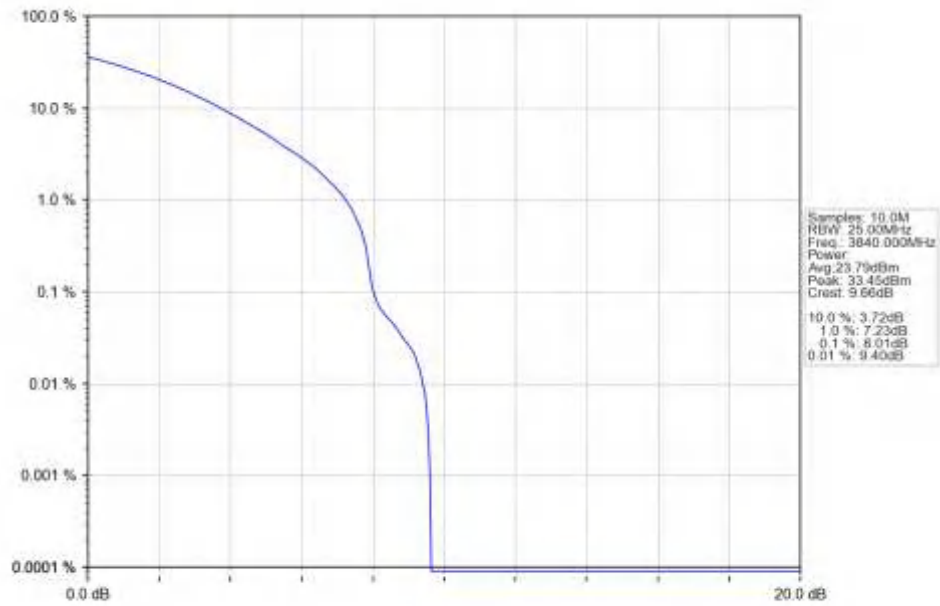
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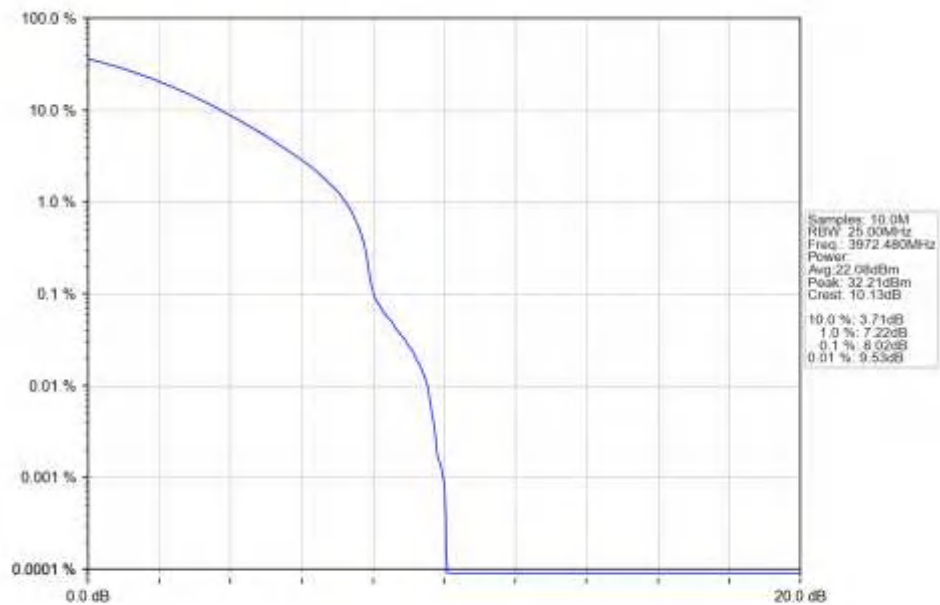
n77a 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 3707.52MHz Outer Full Ant1



n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

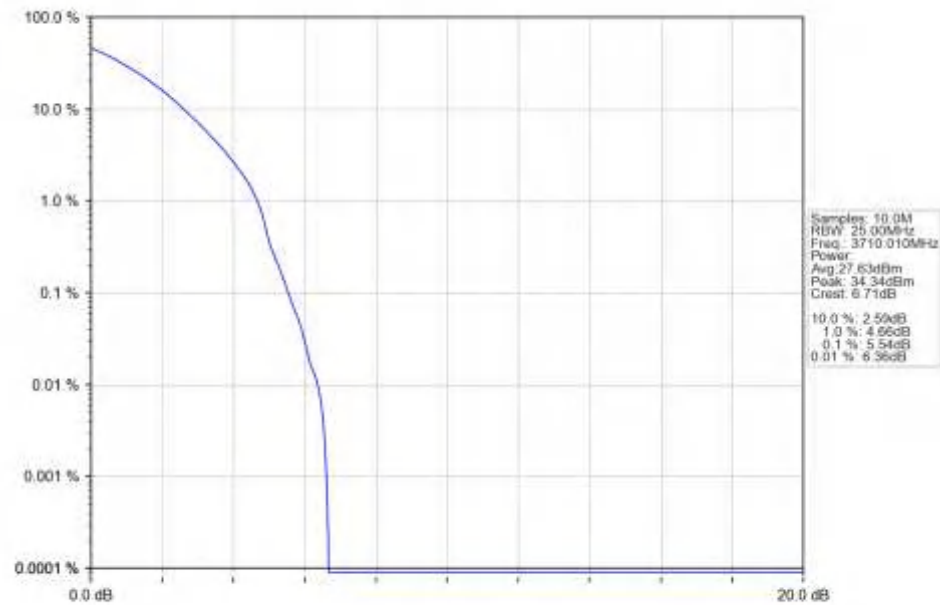


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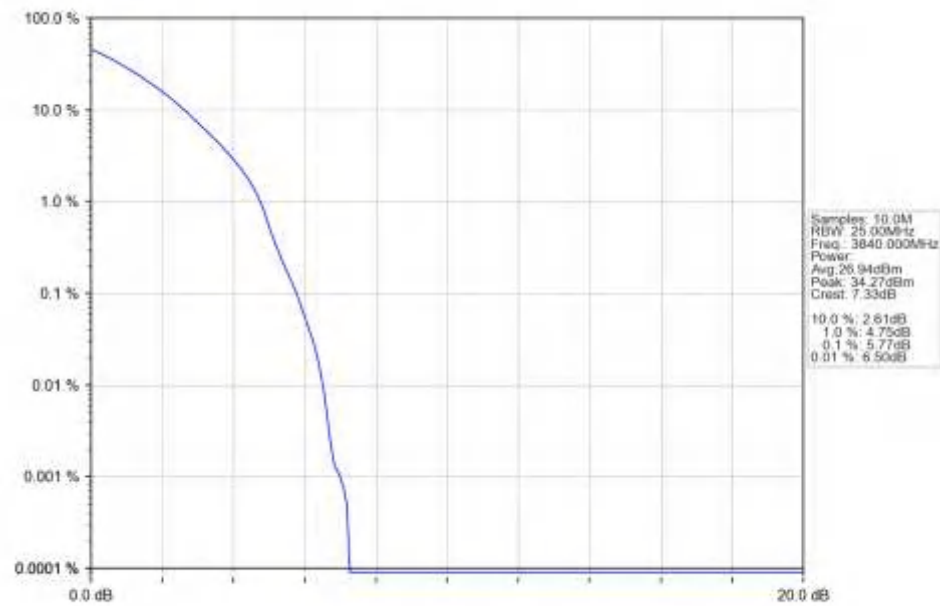


5.2.10 30k_SISO_20MHz_NTNV

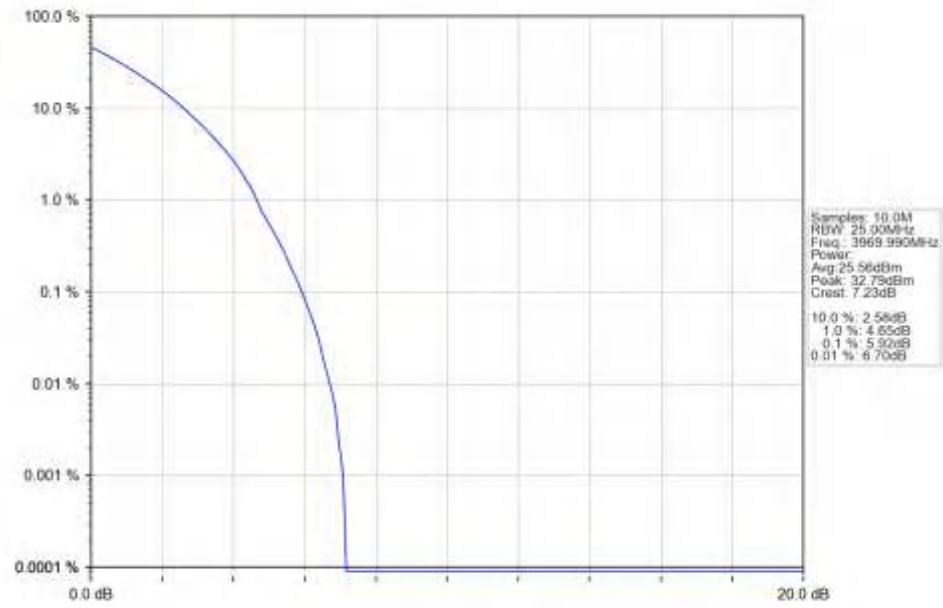
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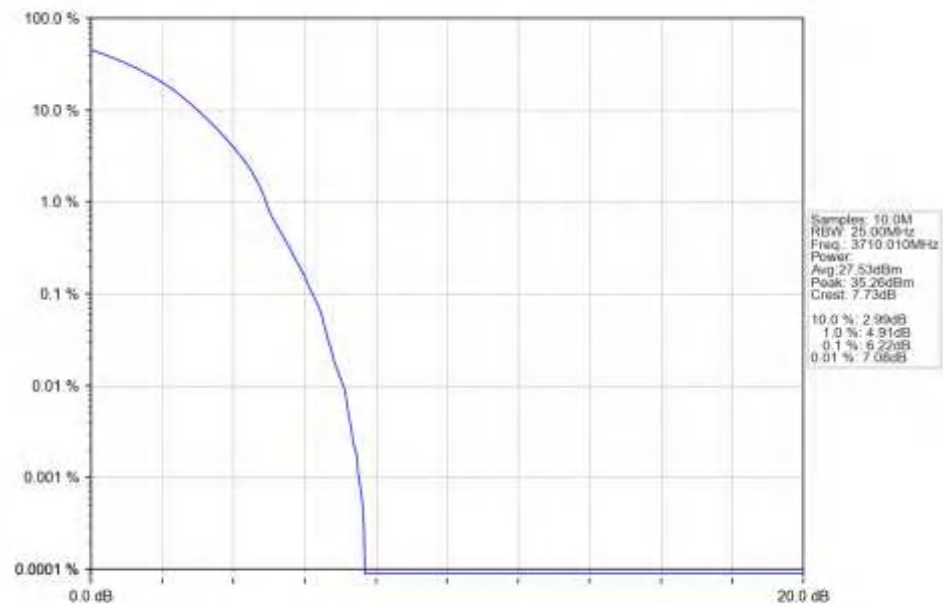
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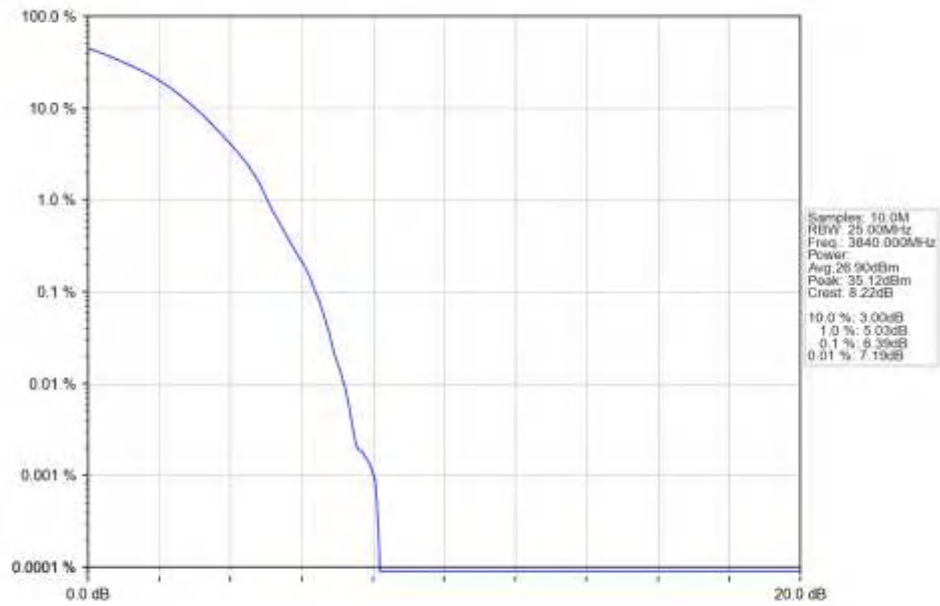
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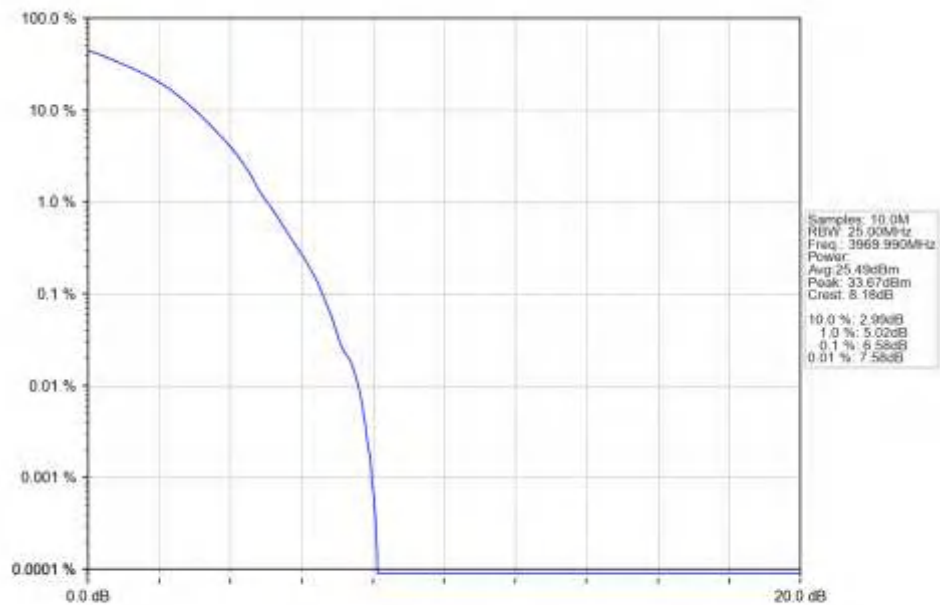
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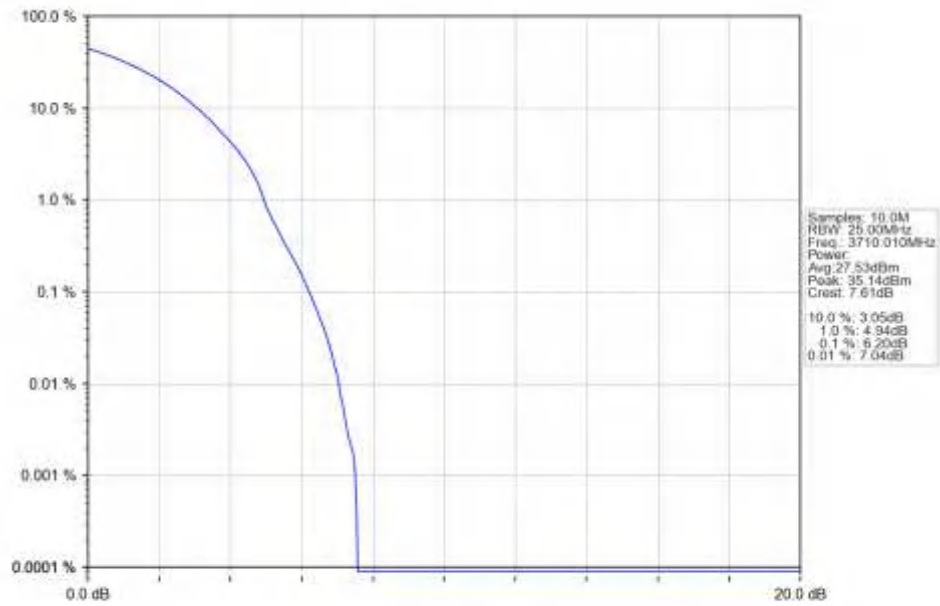
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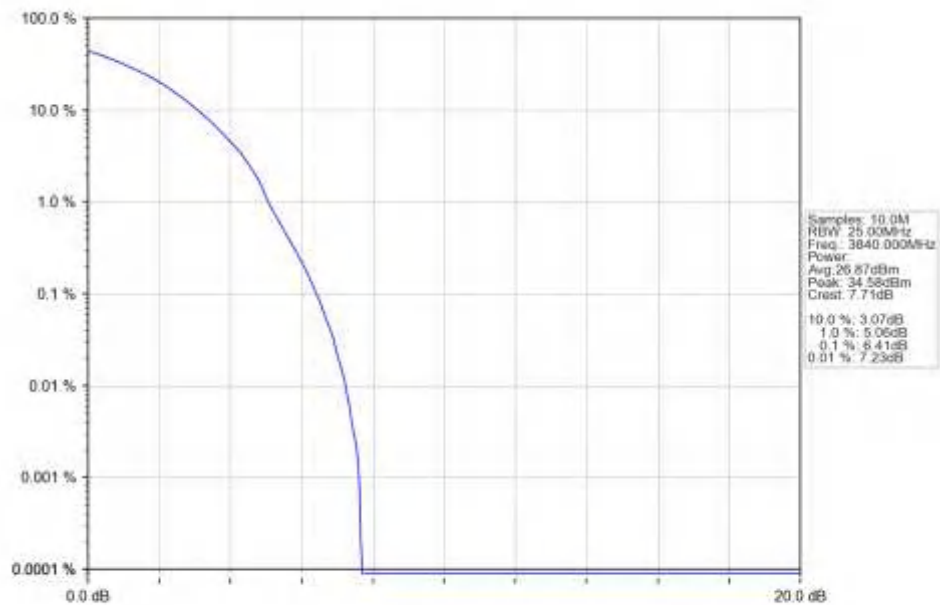
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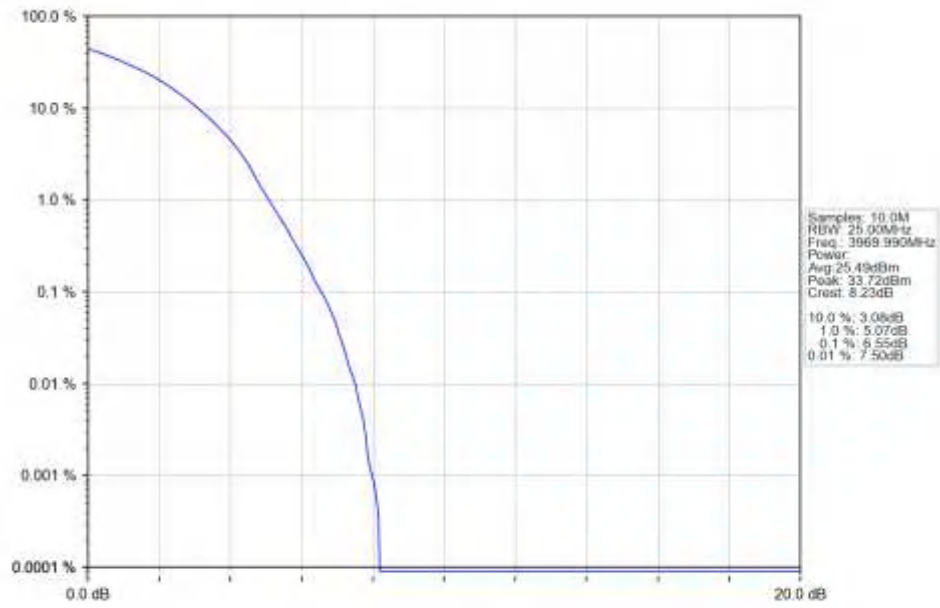
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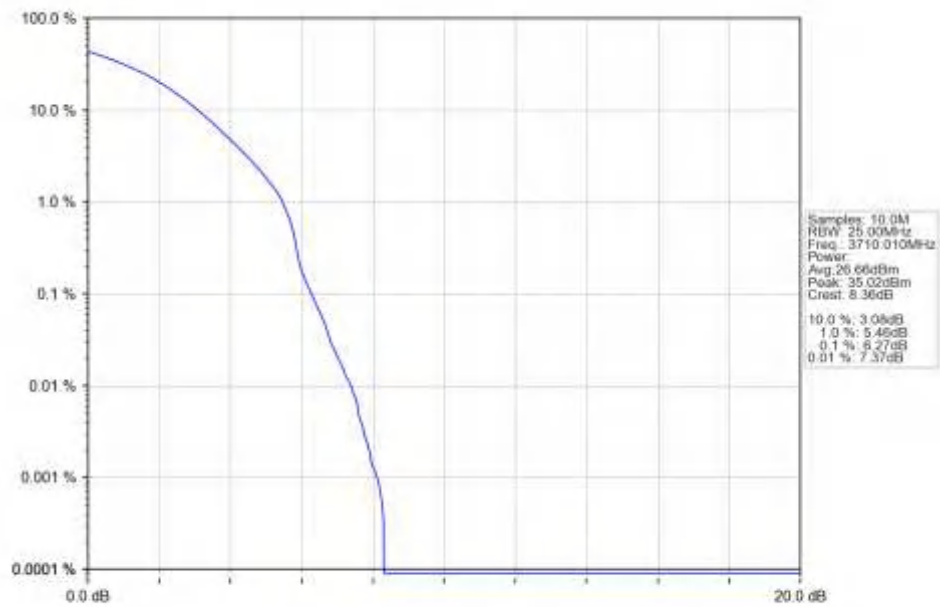
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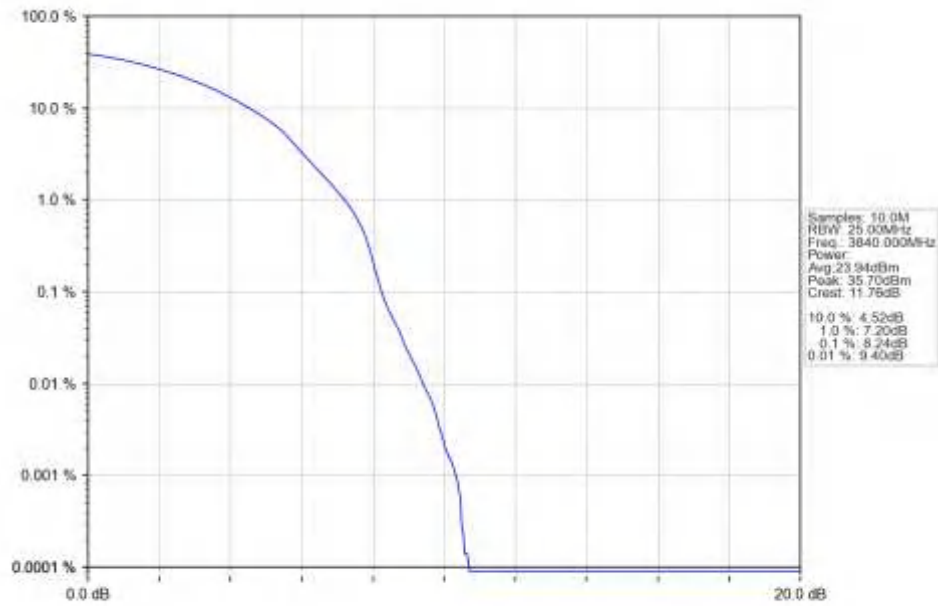
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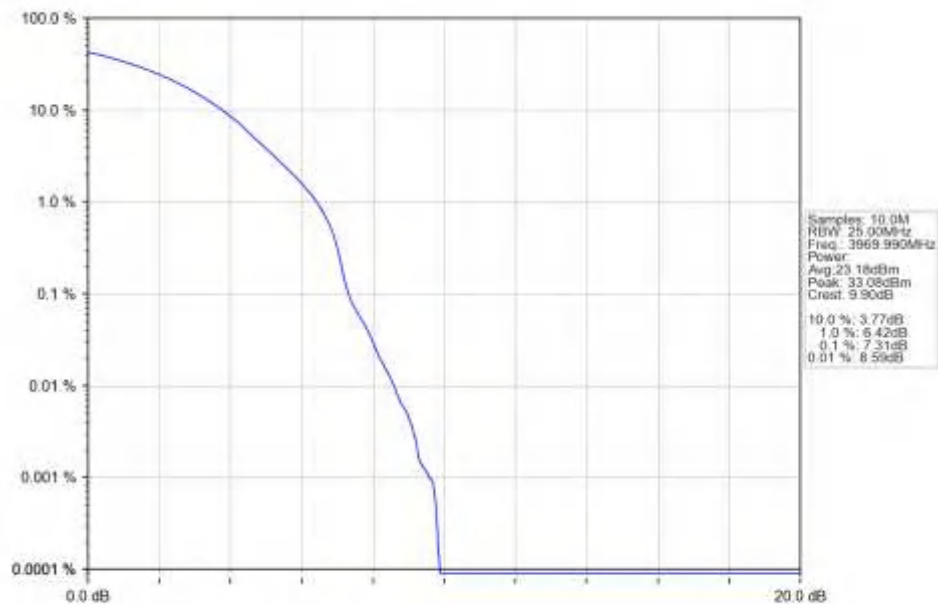
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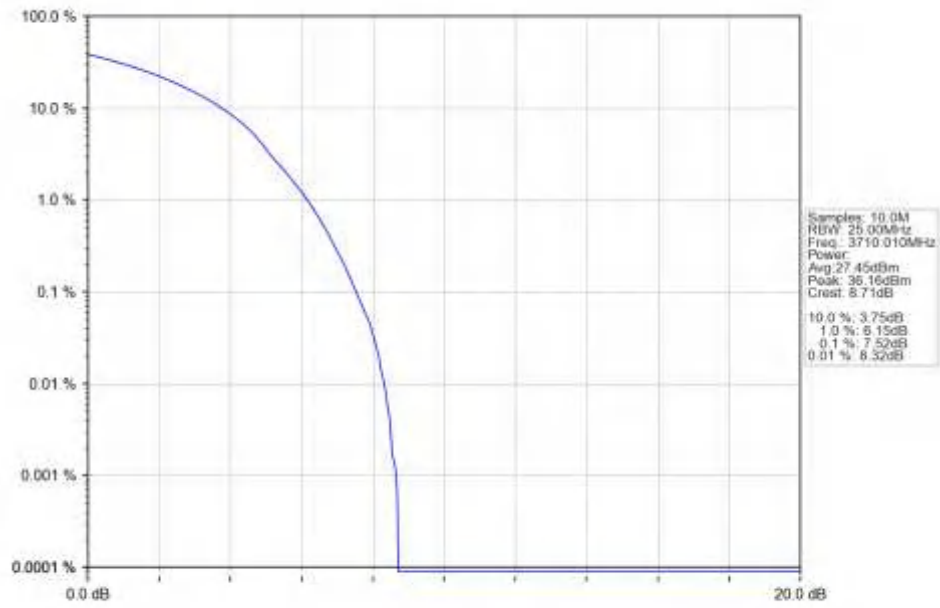
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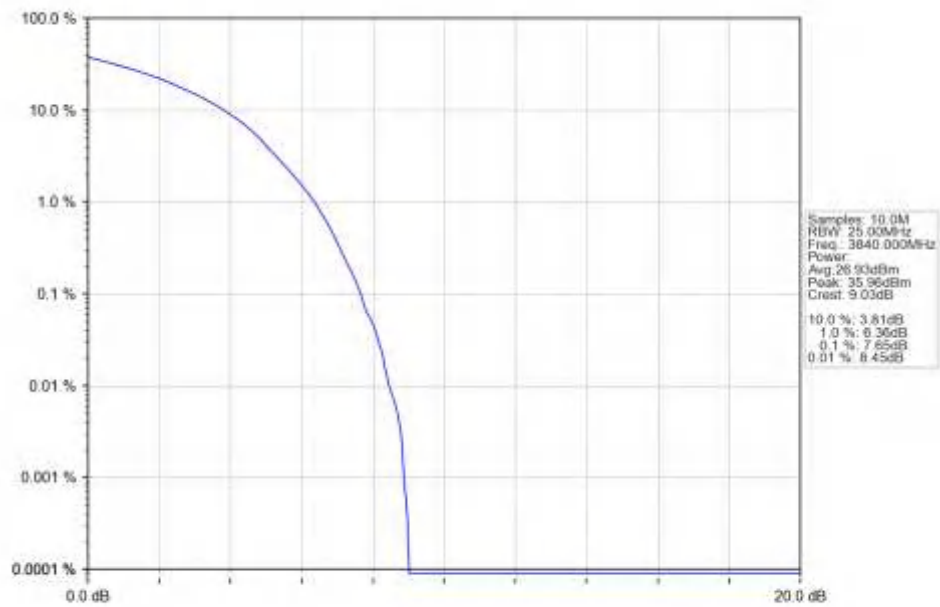
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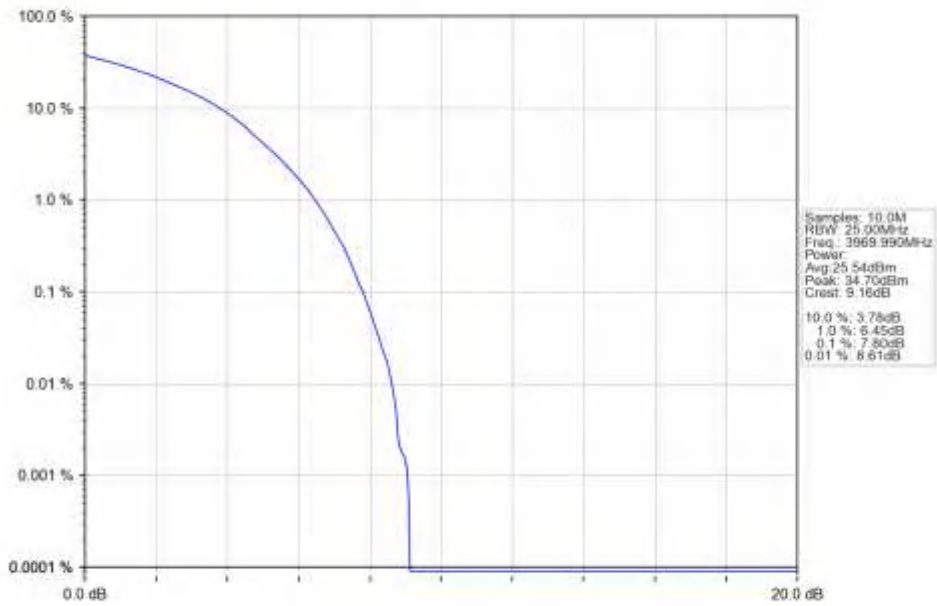
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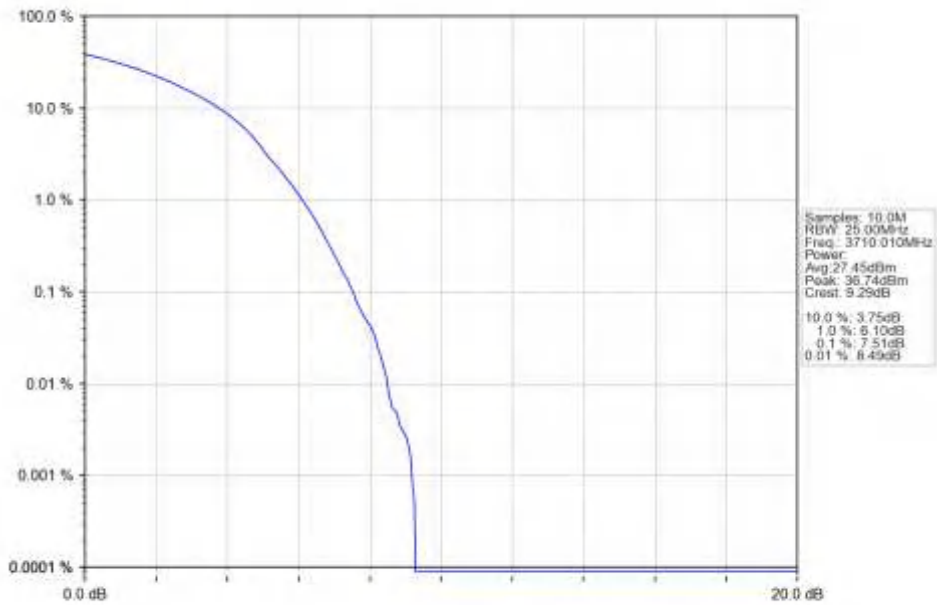
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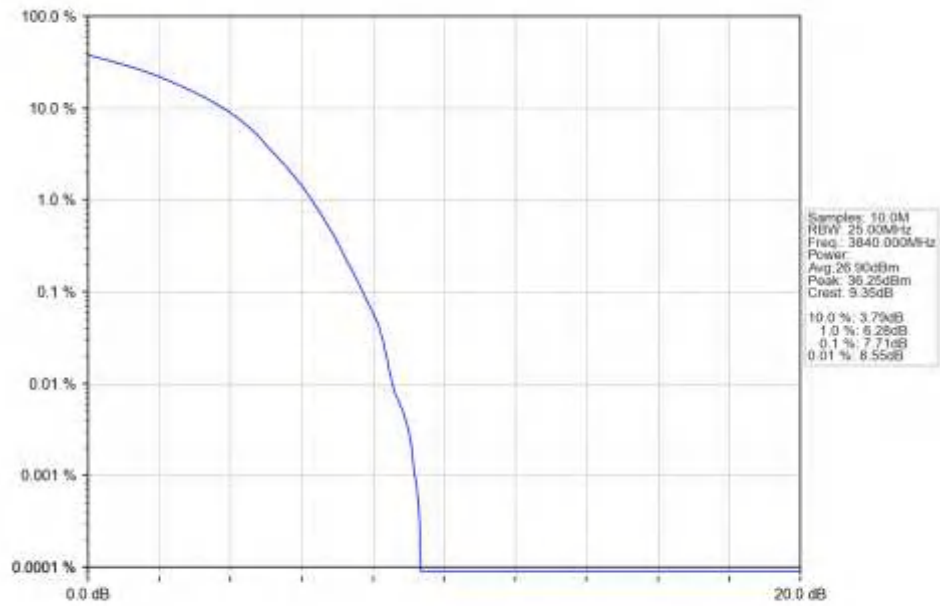
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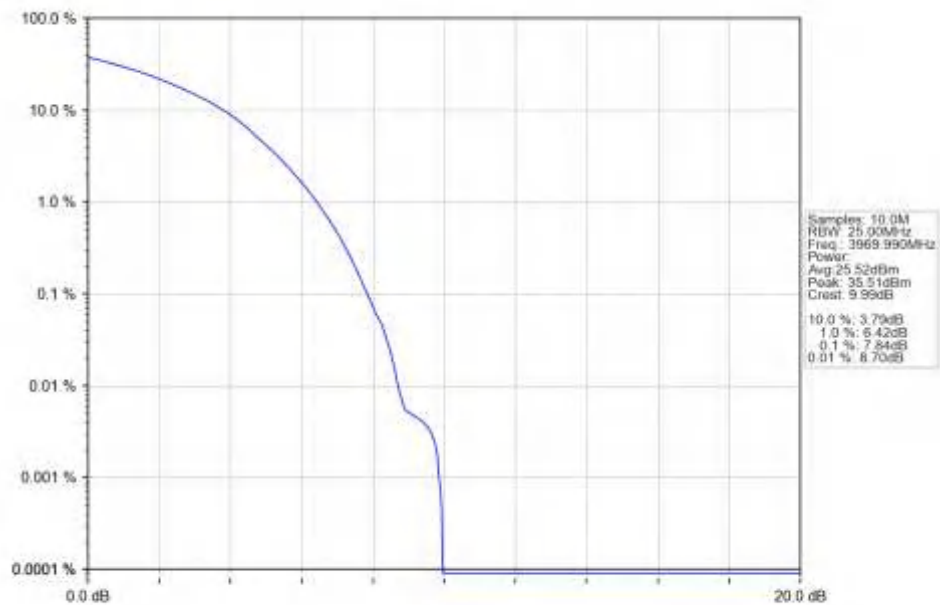
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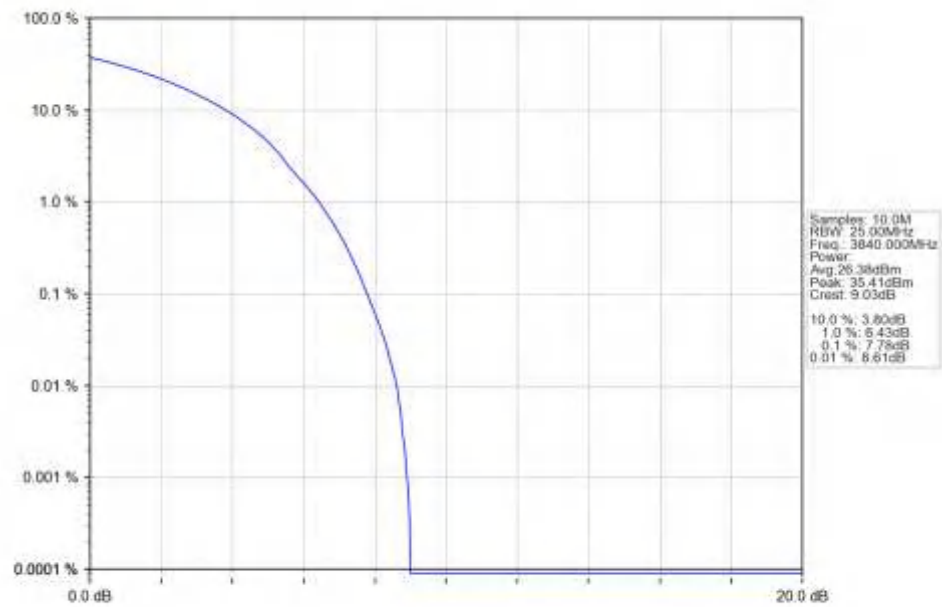
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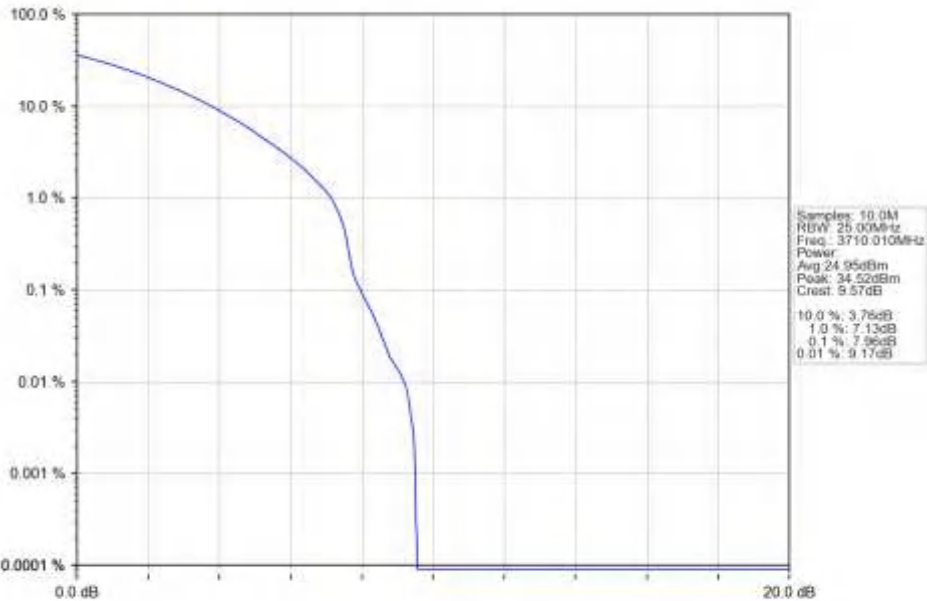
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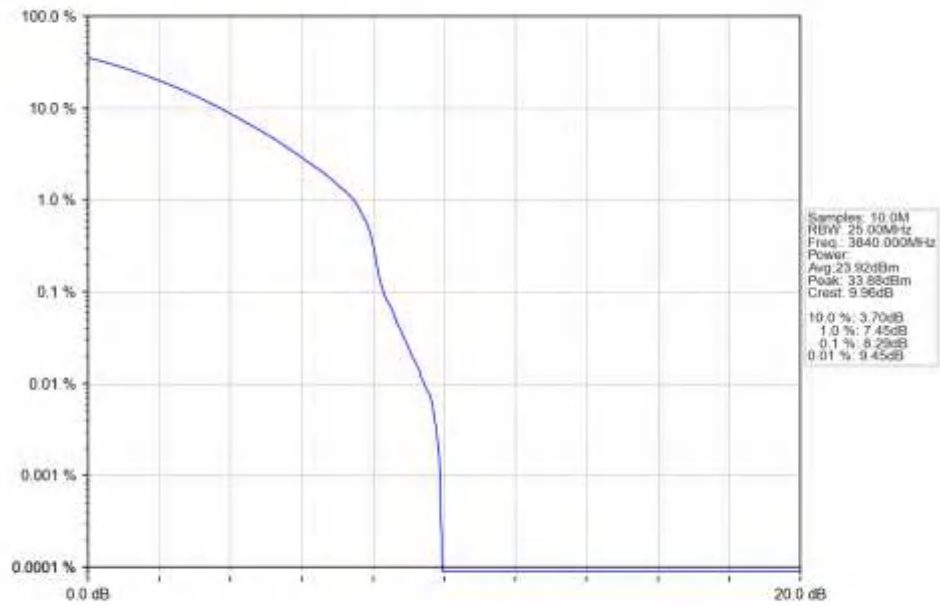
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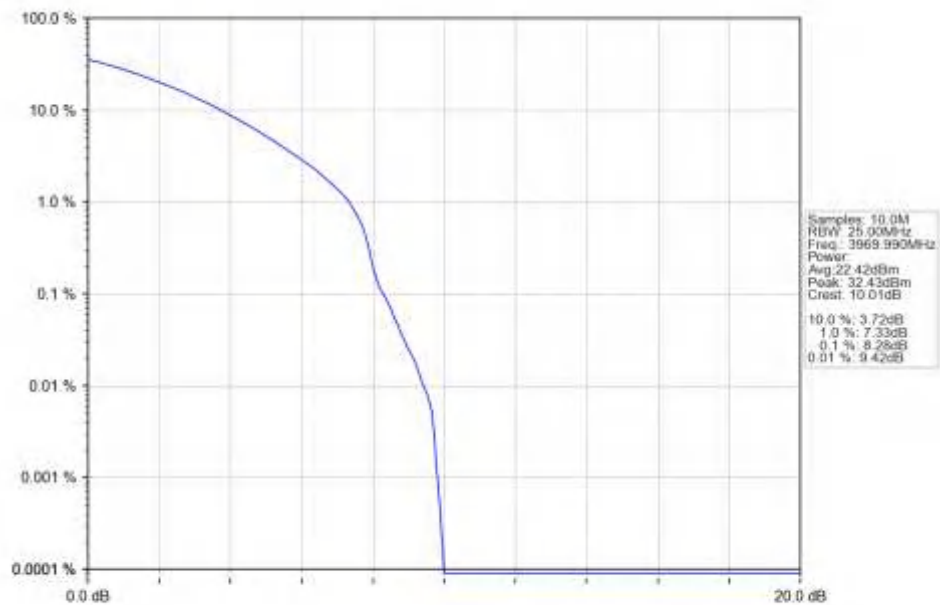
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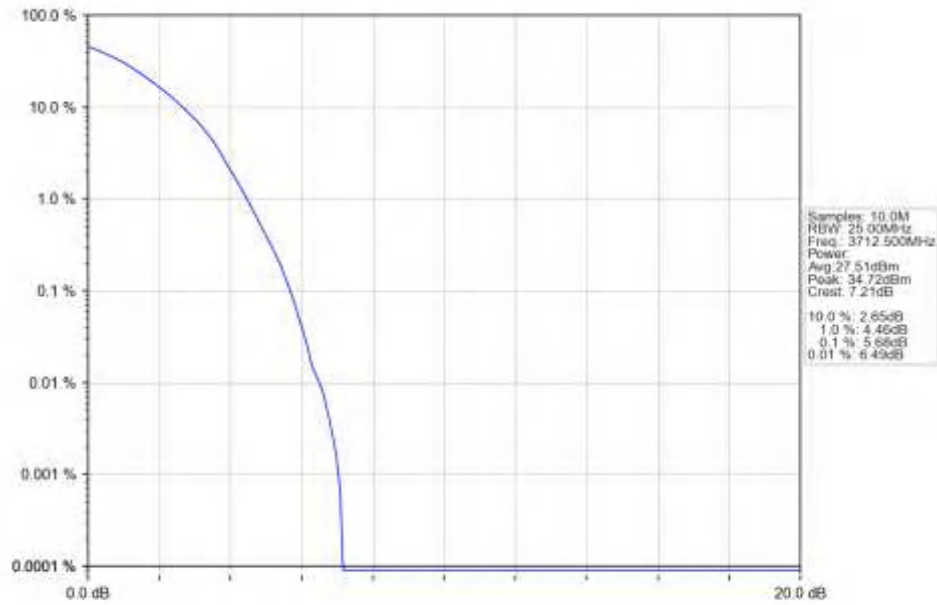


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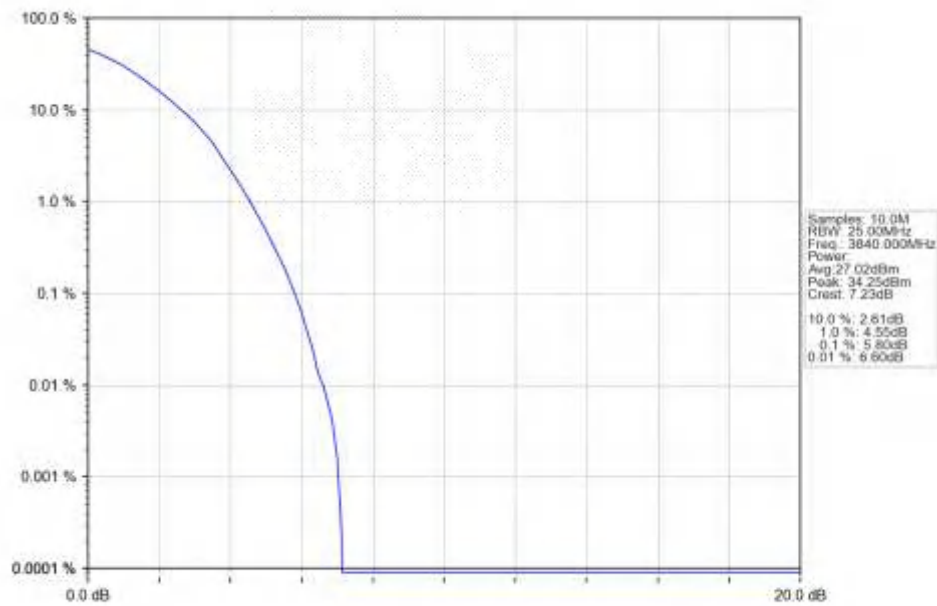


5.2.11 30k_SISO_25MHz_NTNV

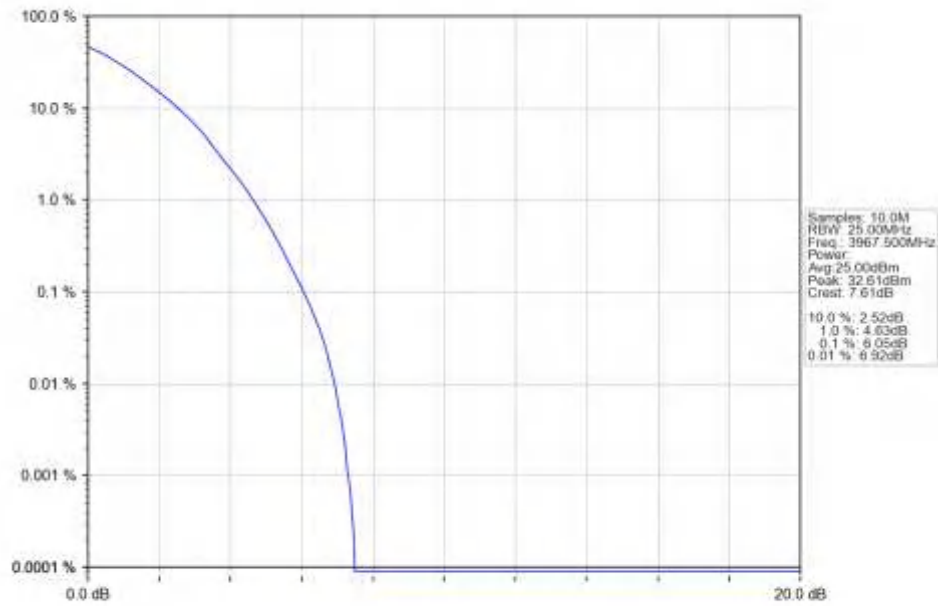
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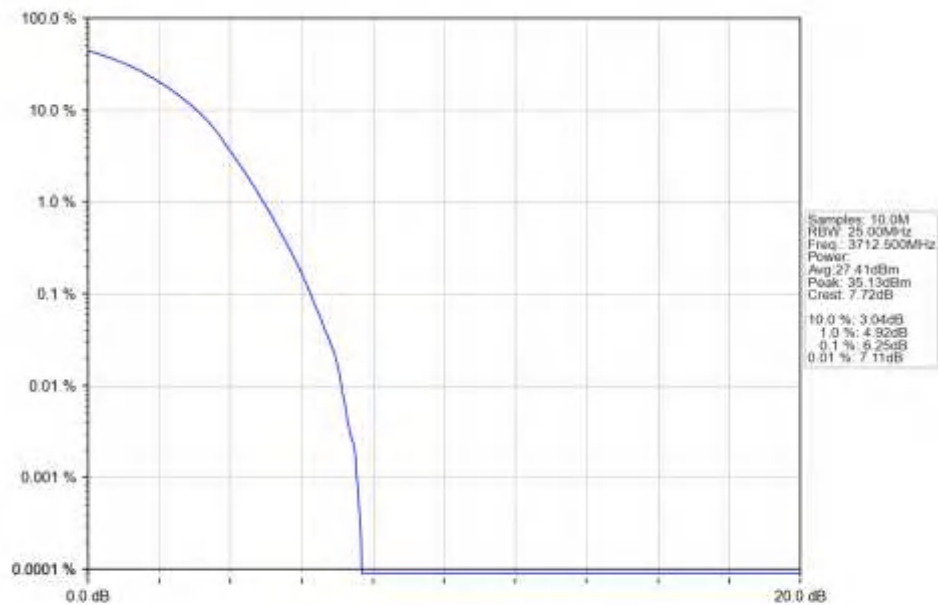
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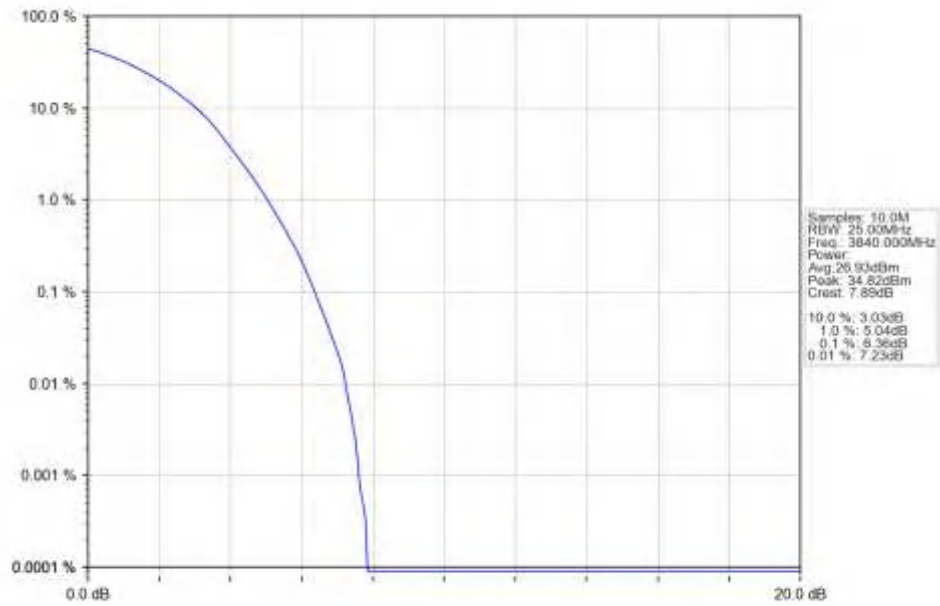
n77a 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 3967.5MHz Outer Full Ant1



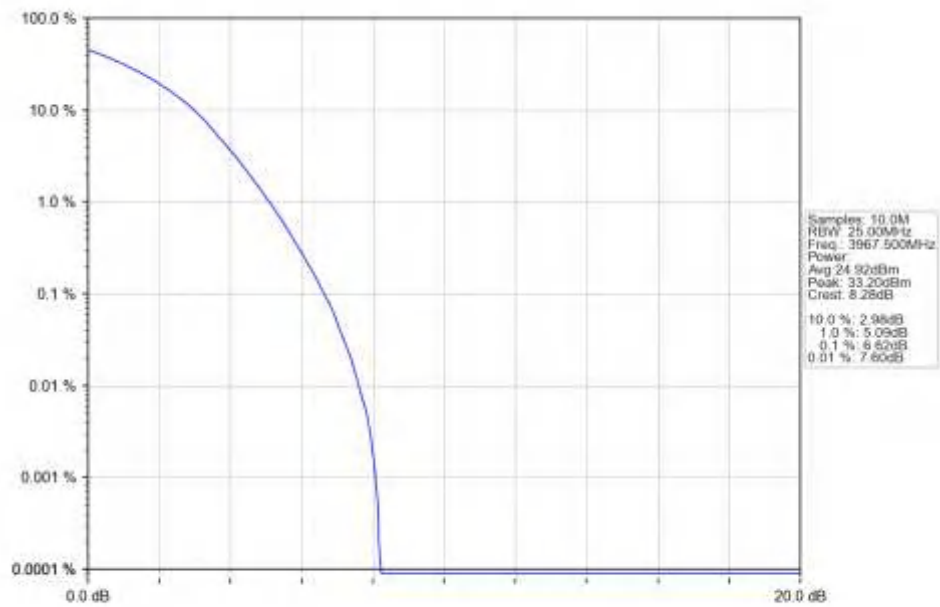
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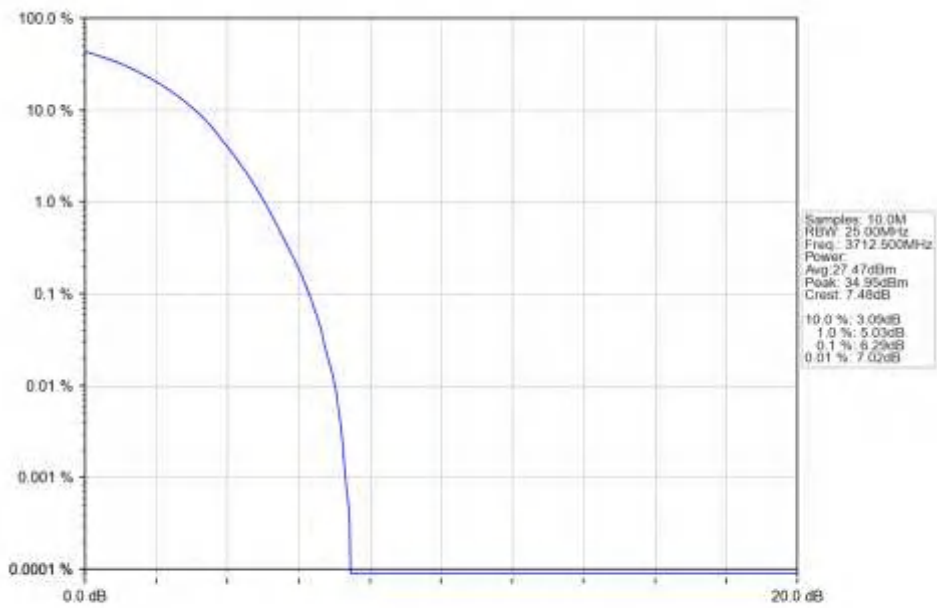
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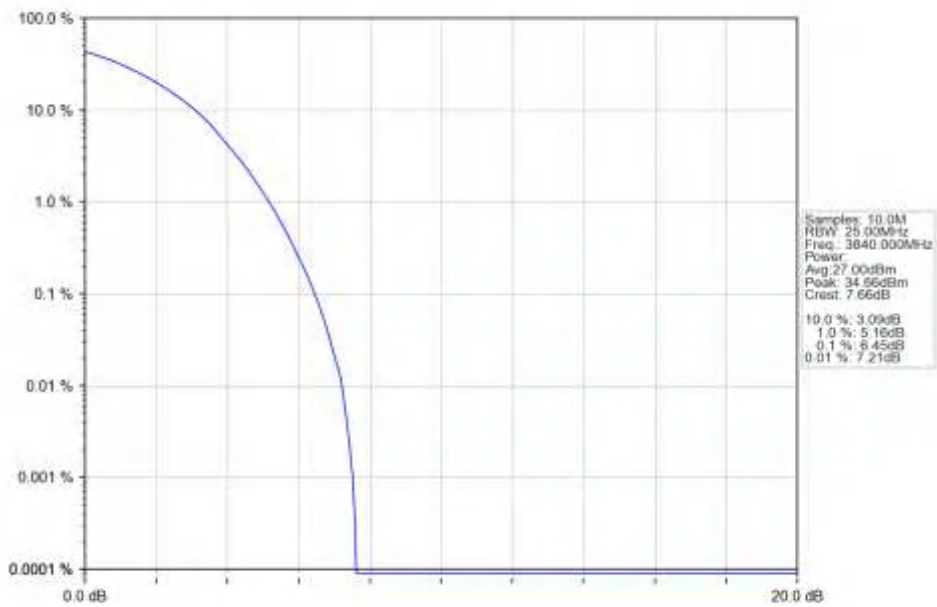
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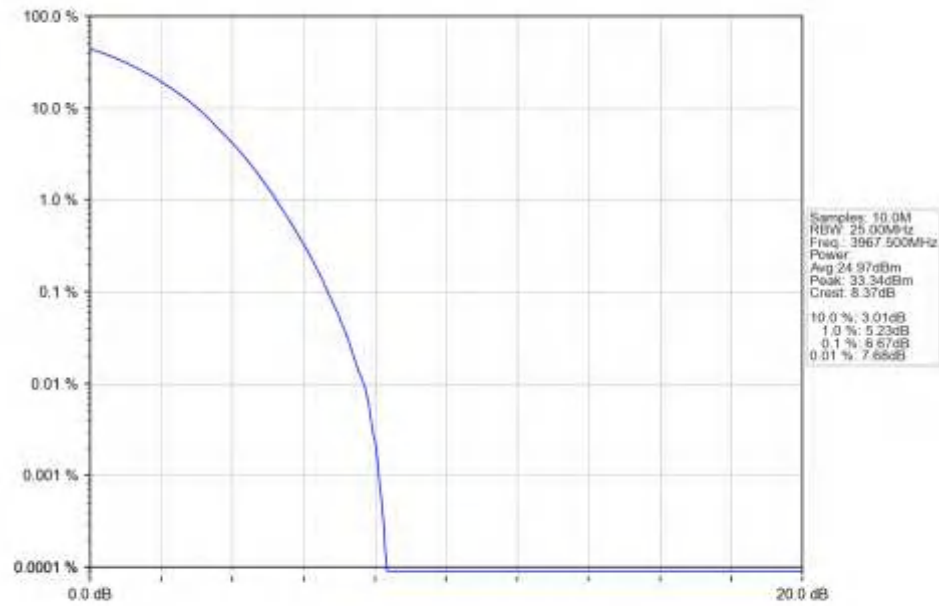
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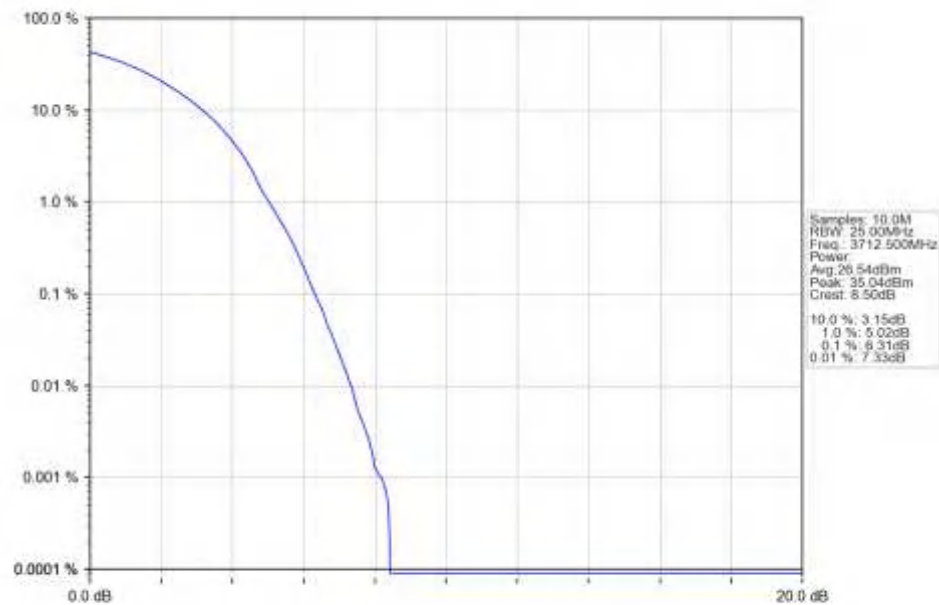
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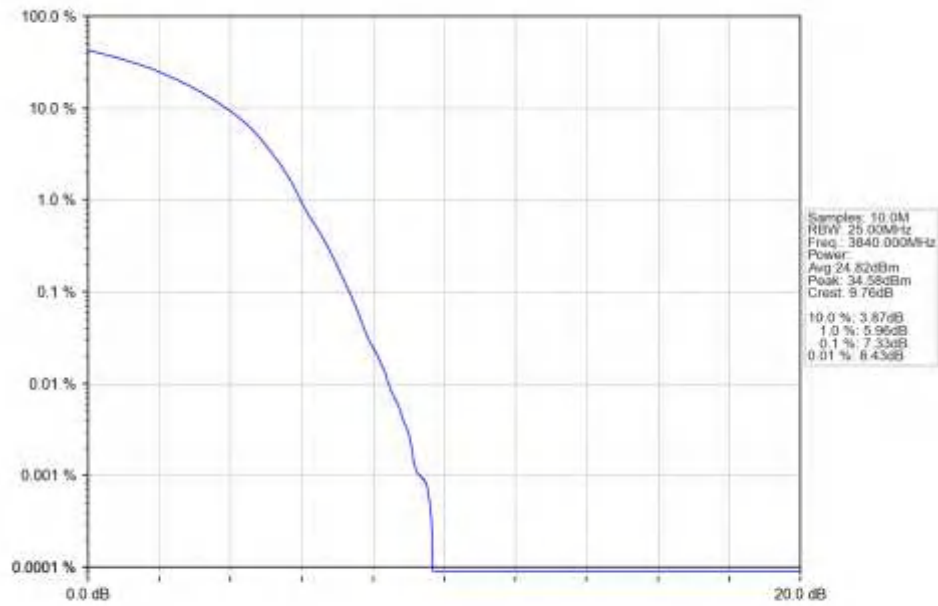
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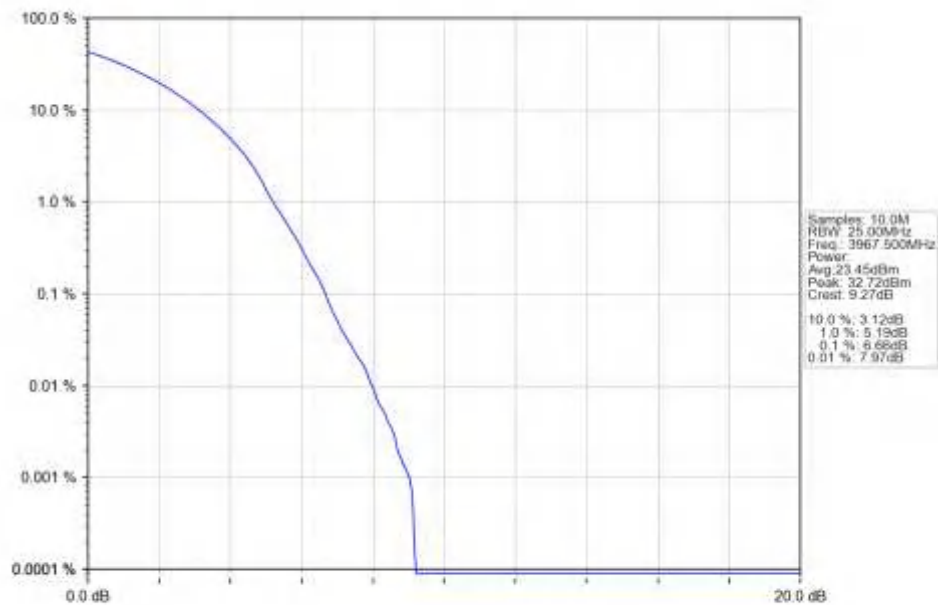
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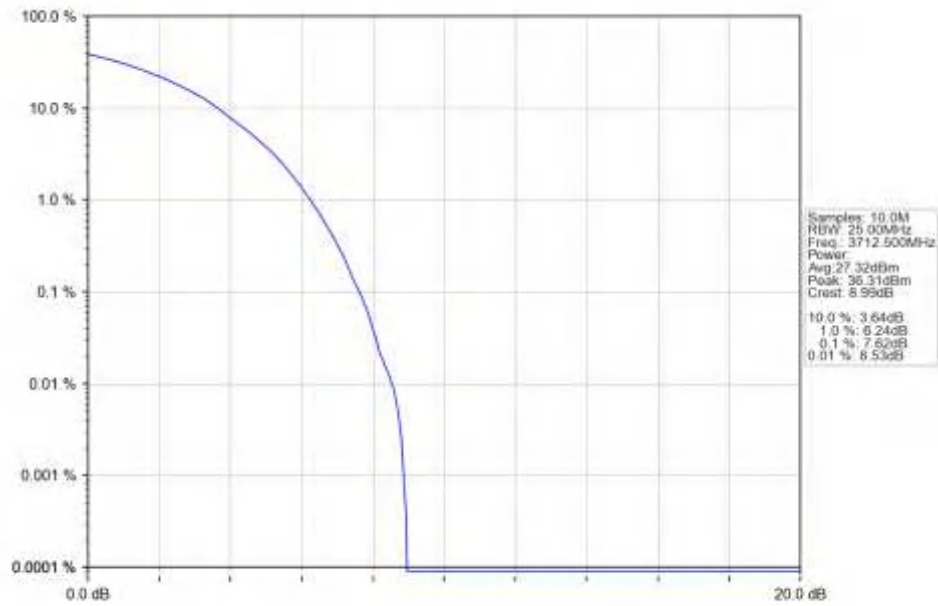
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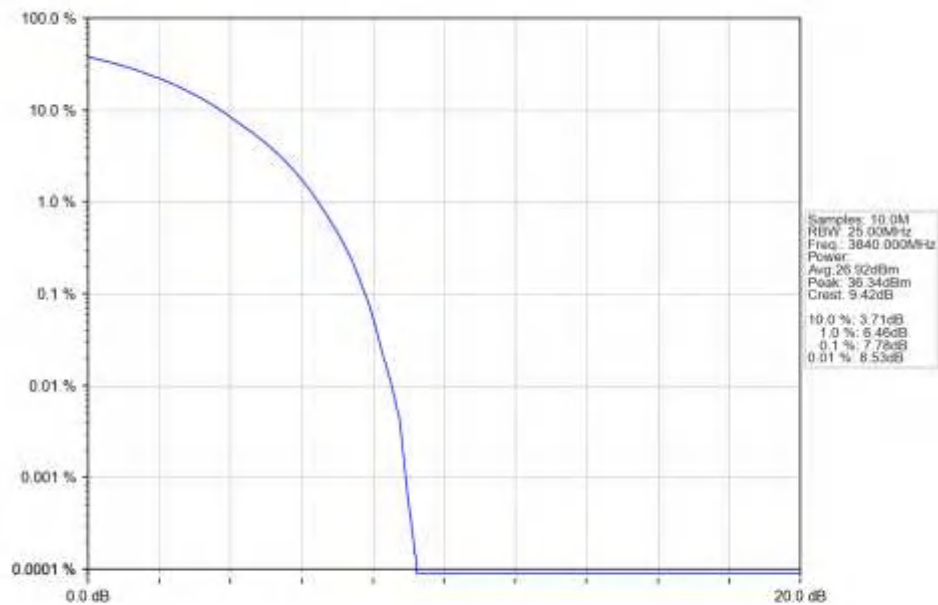
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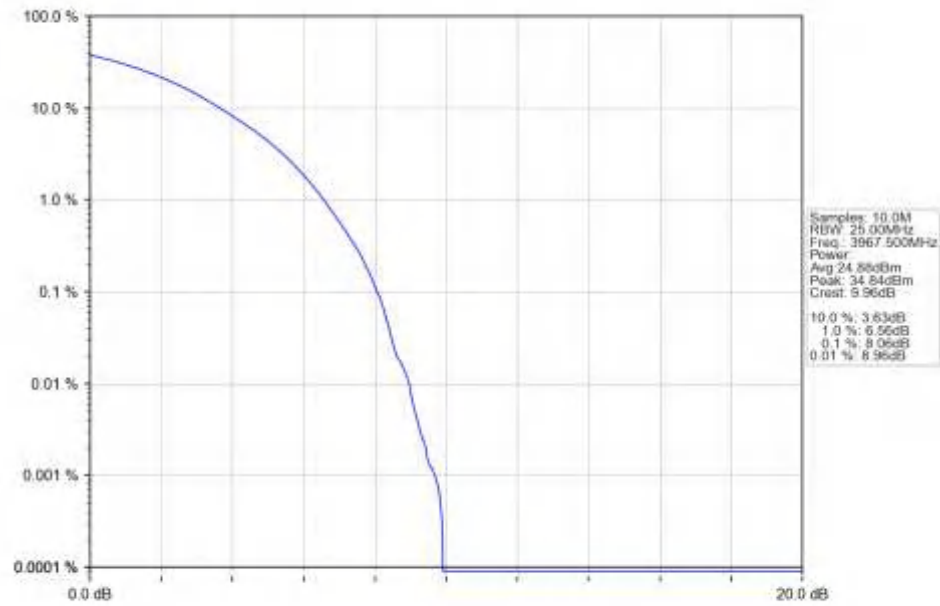
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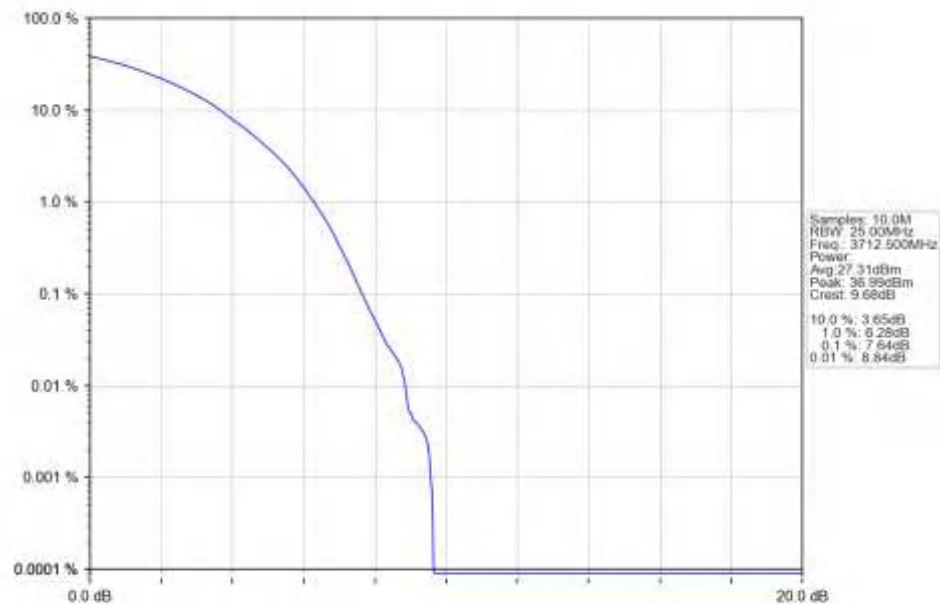
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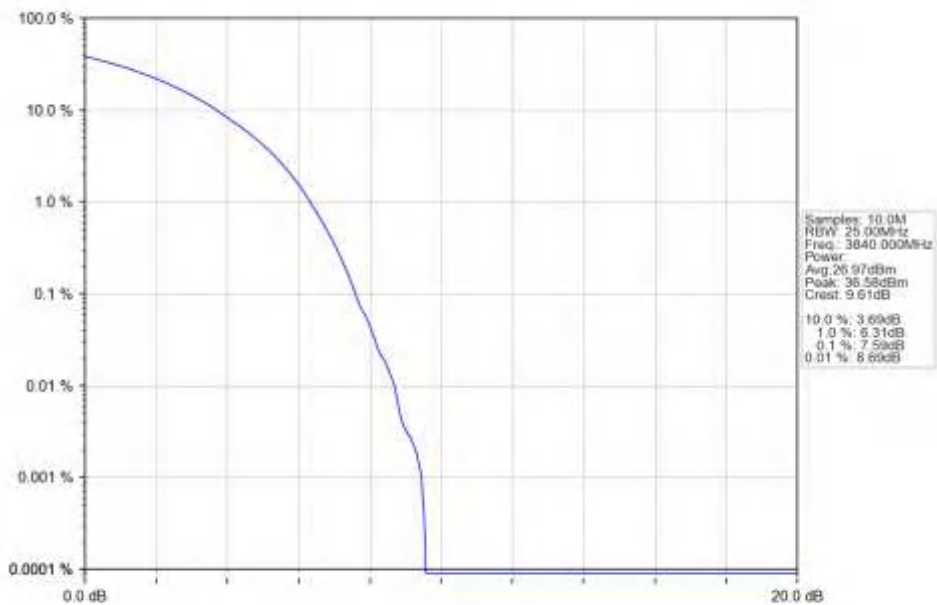
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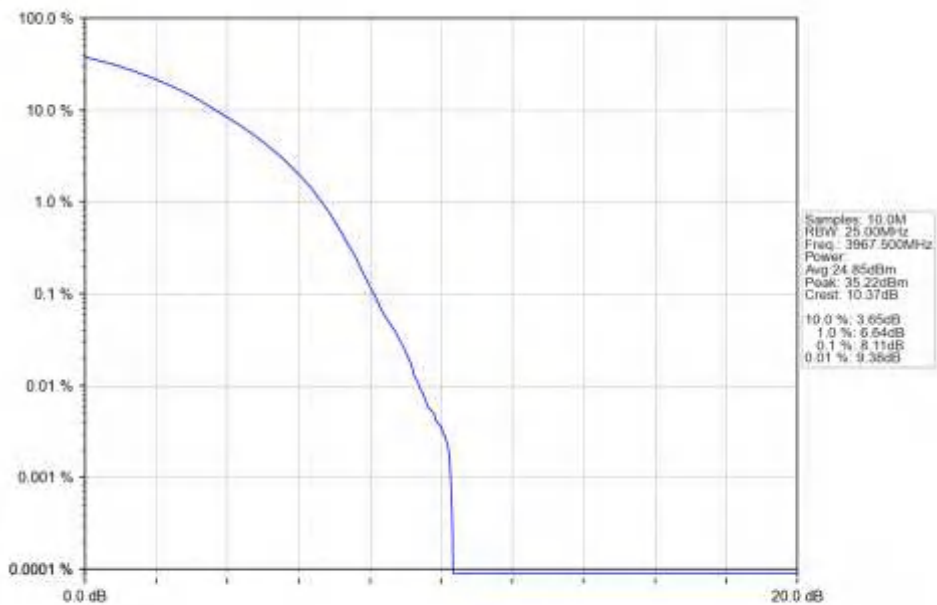
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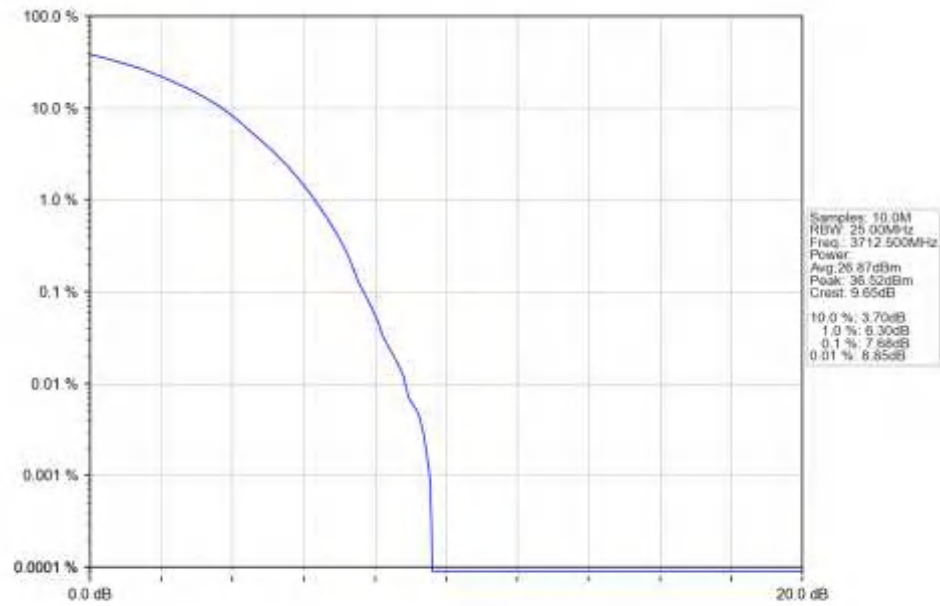
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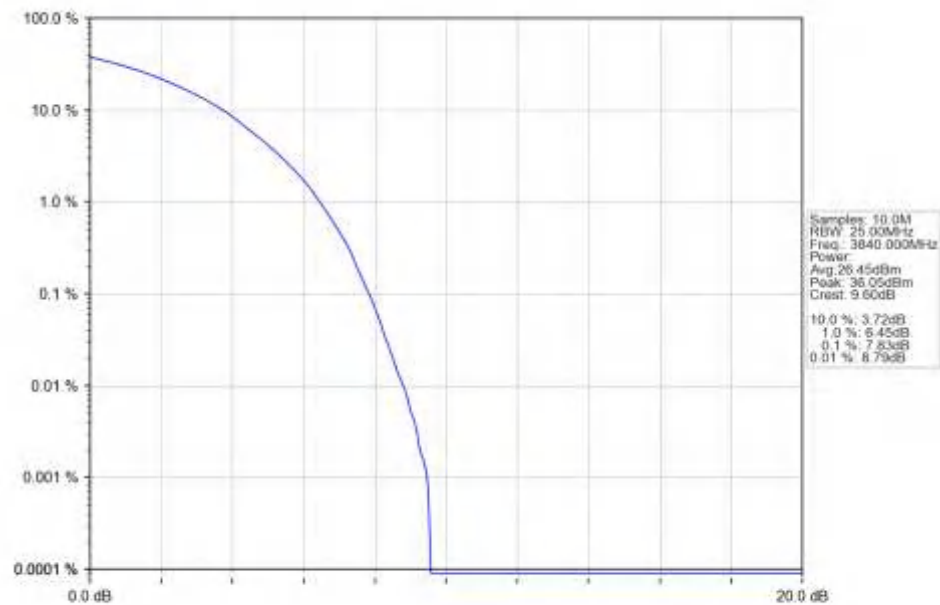
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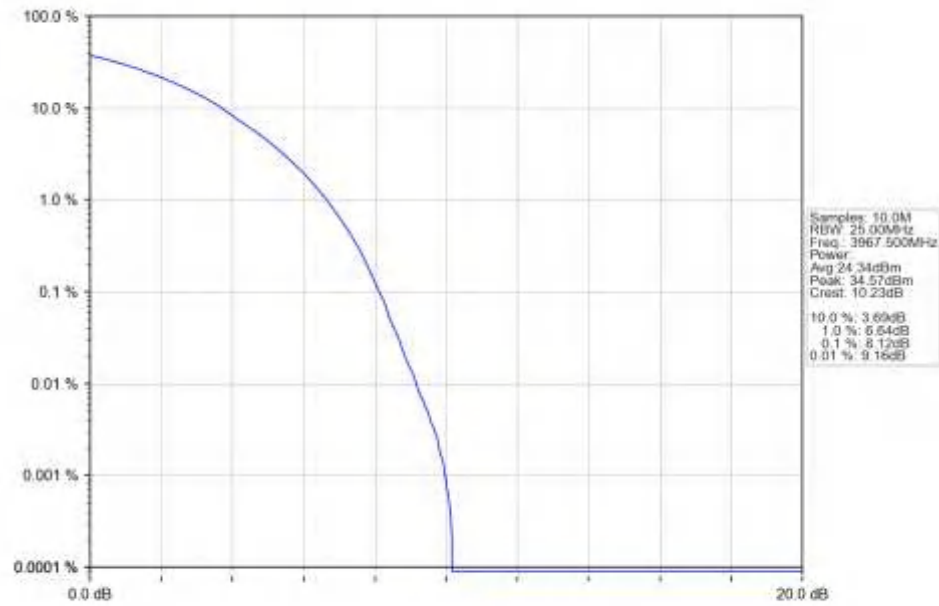
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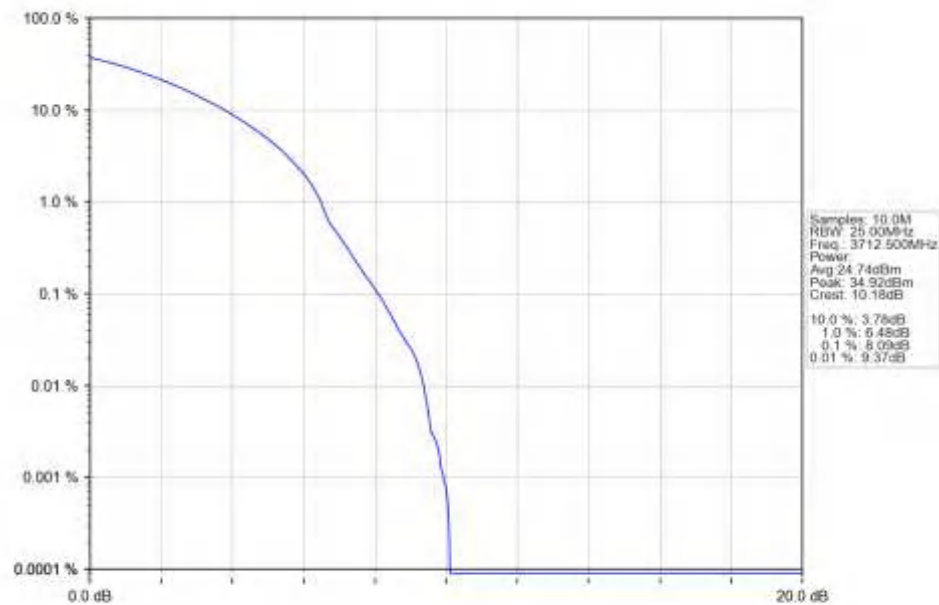
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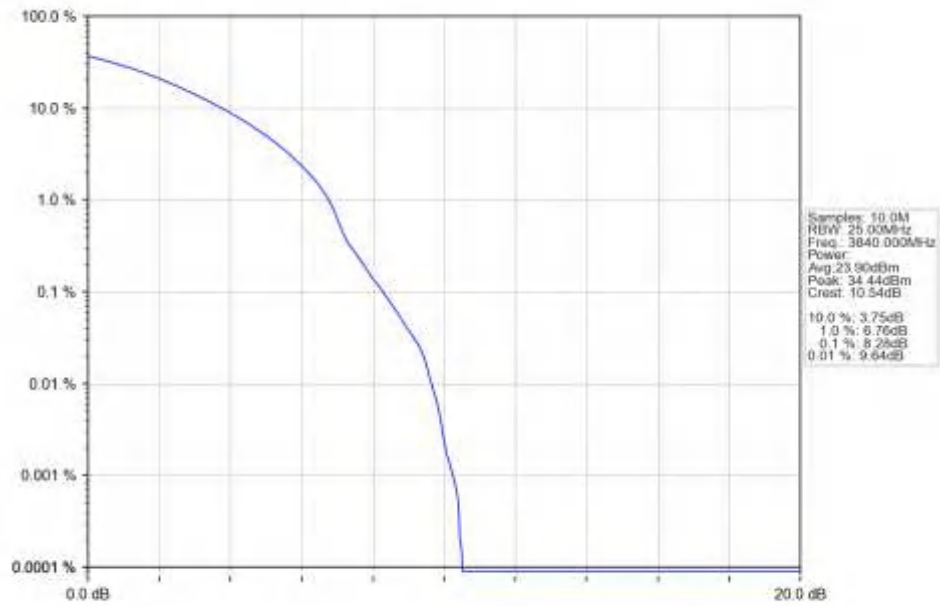
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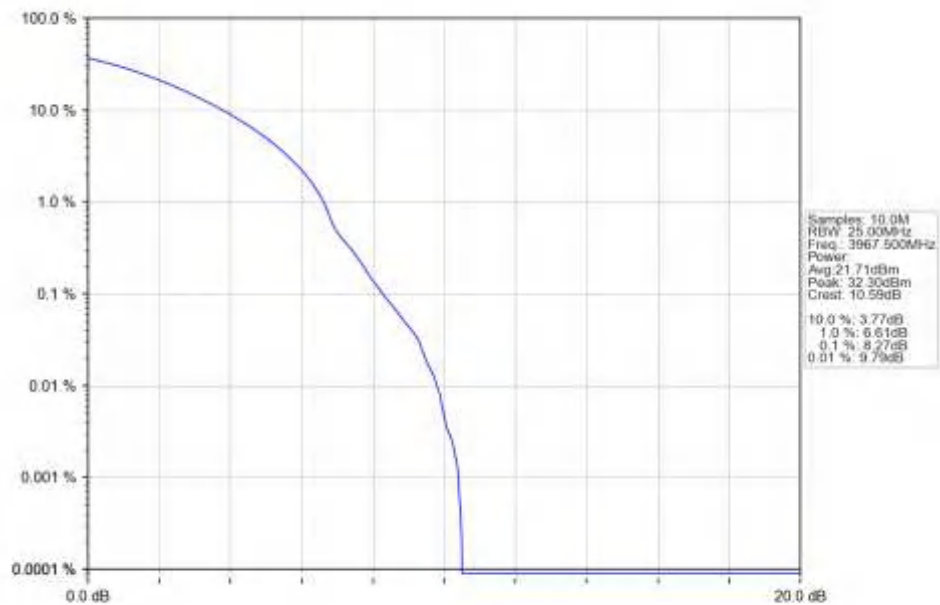
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n77a_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

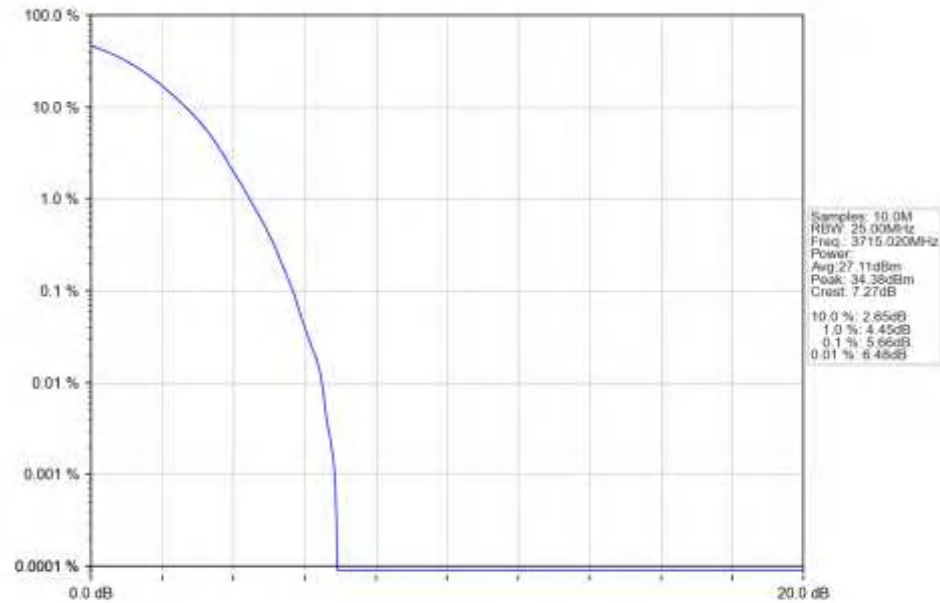


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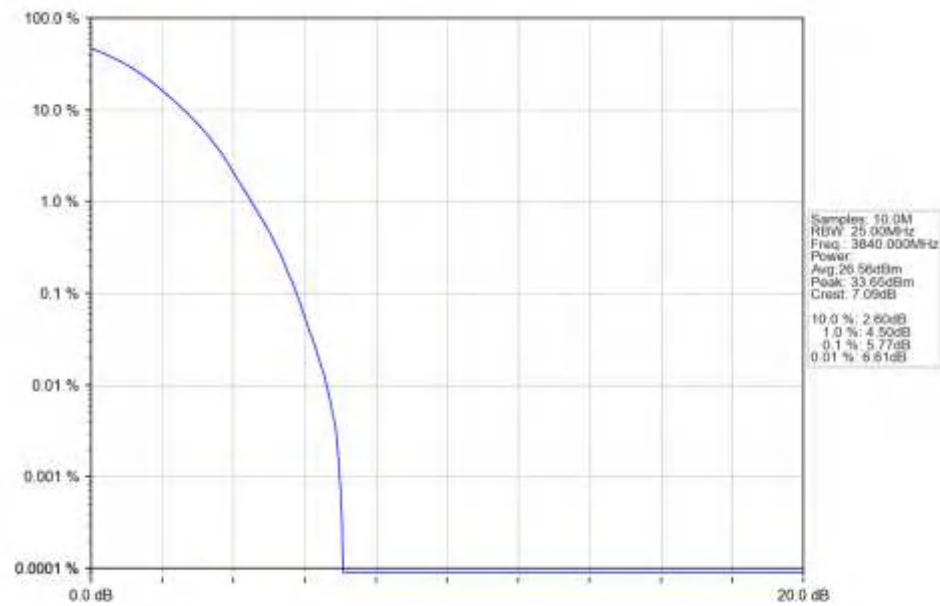


5.2.12 30k_SISO_30MHz_NTNV

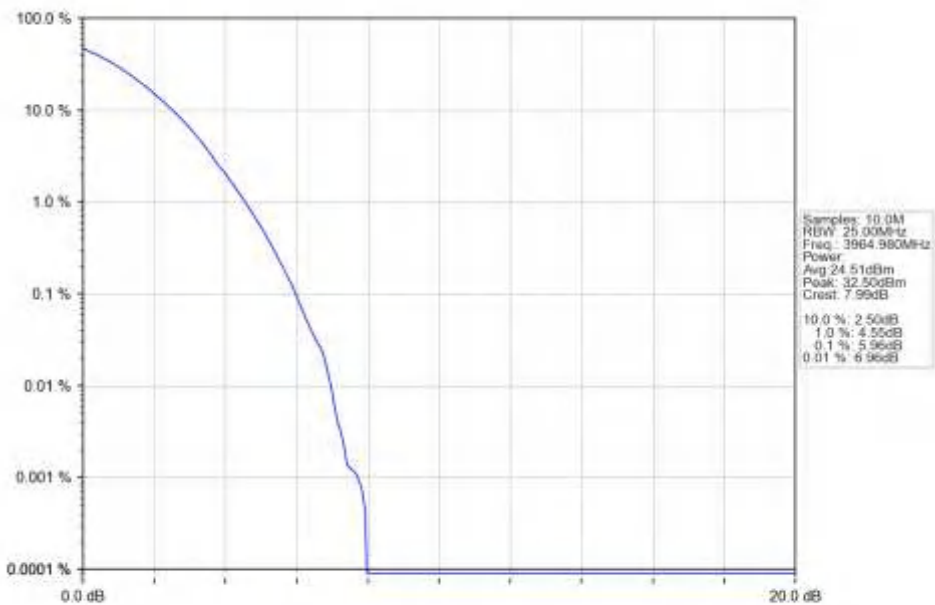
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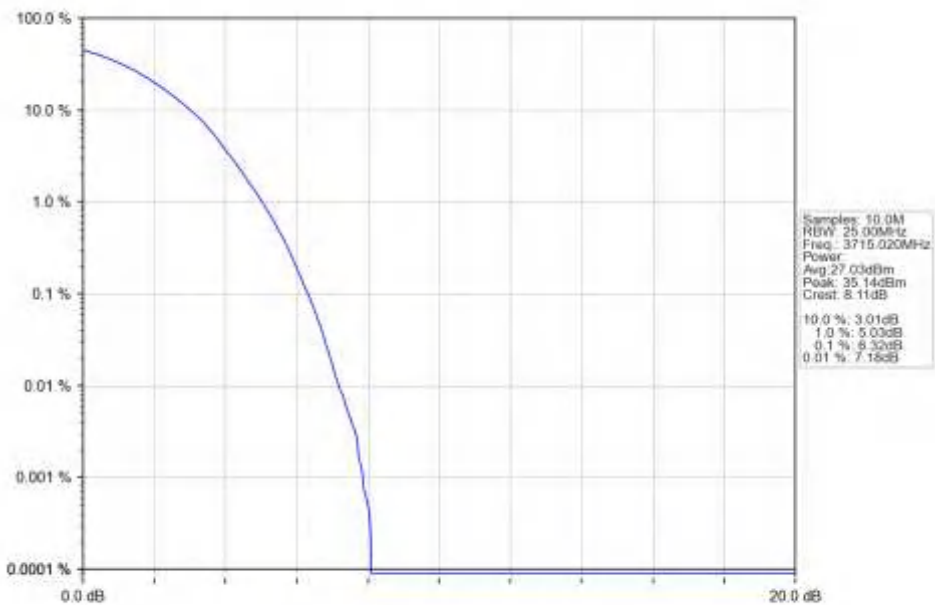
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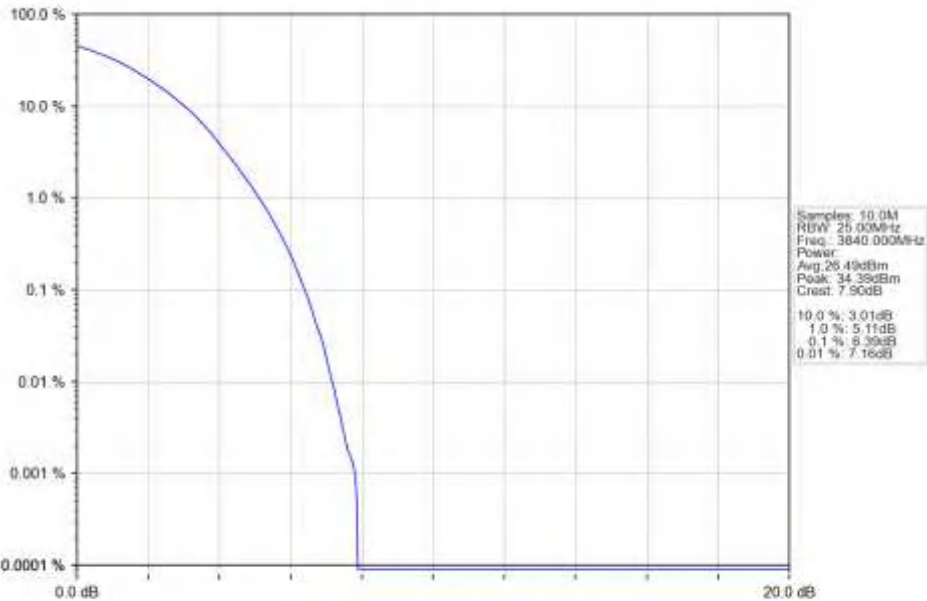
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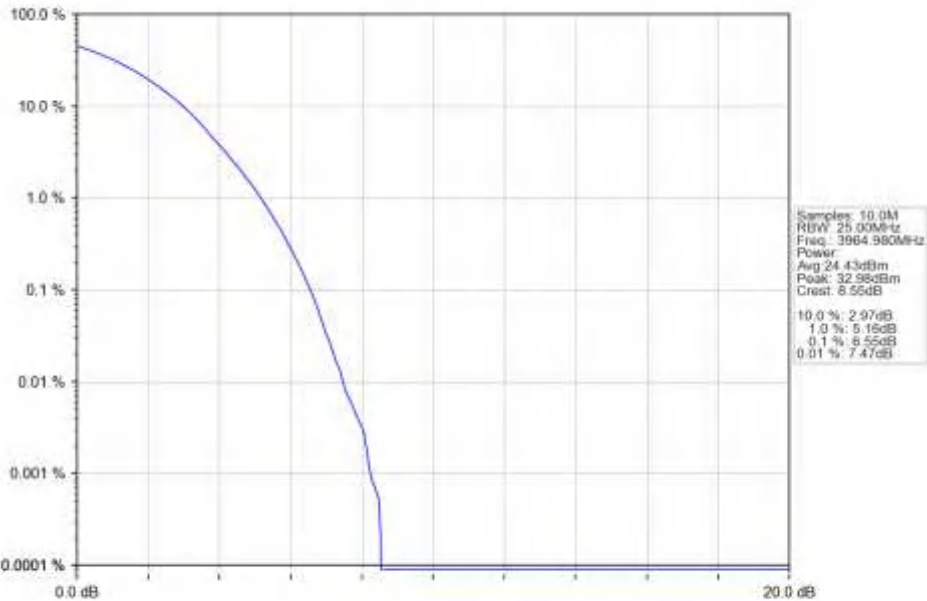
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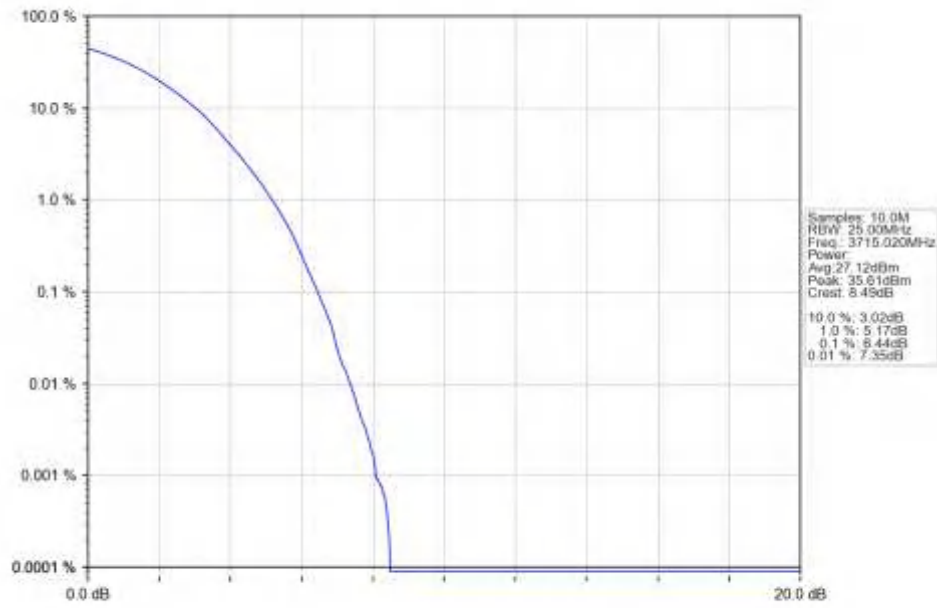
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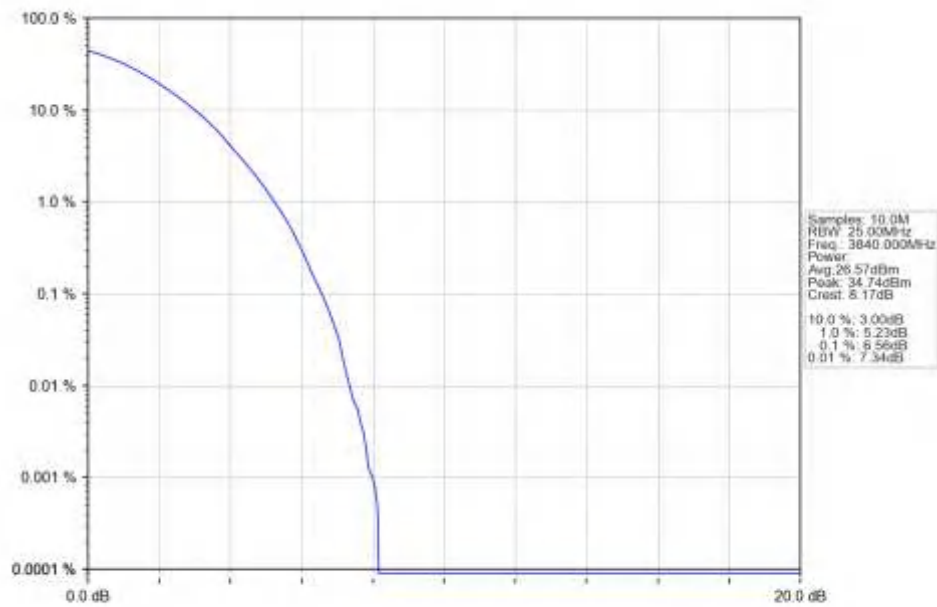
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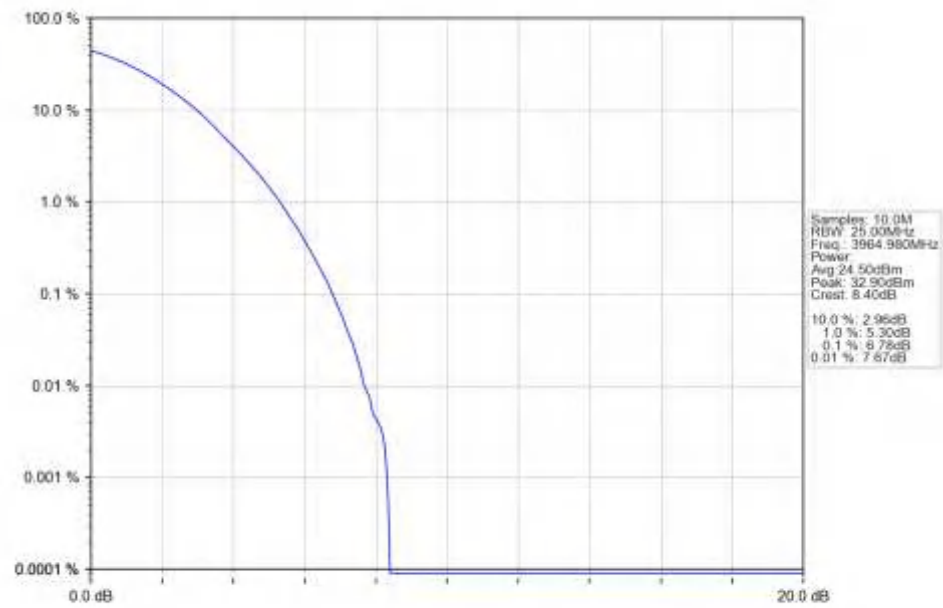
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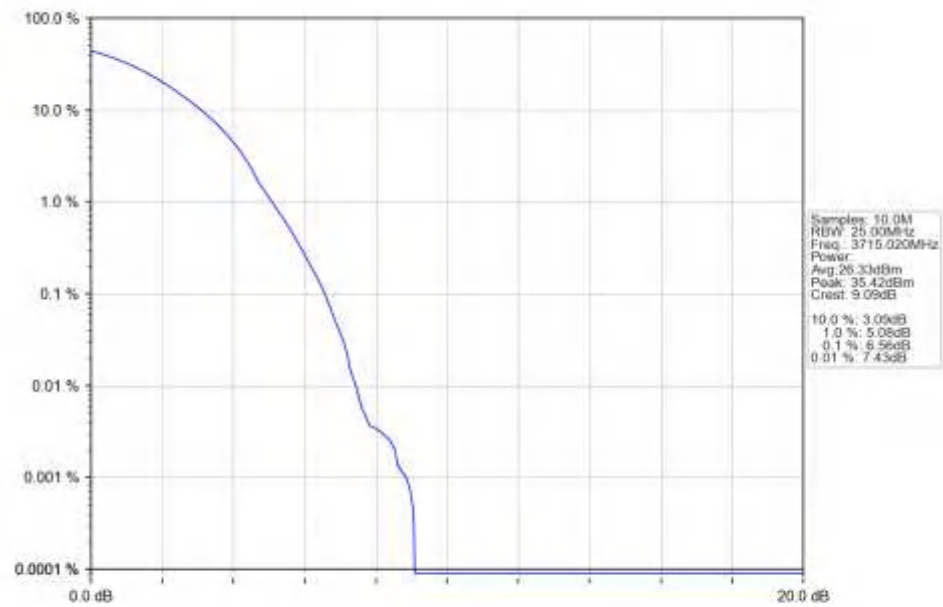
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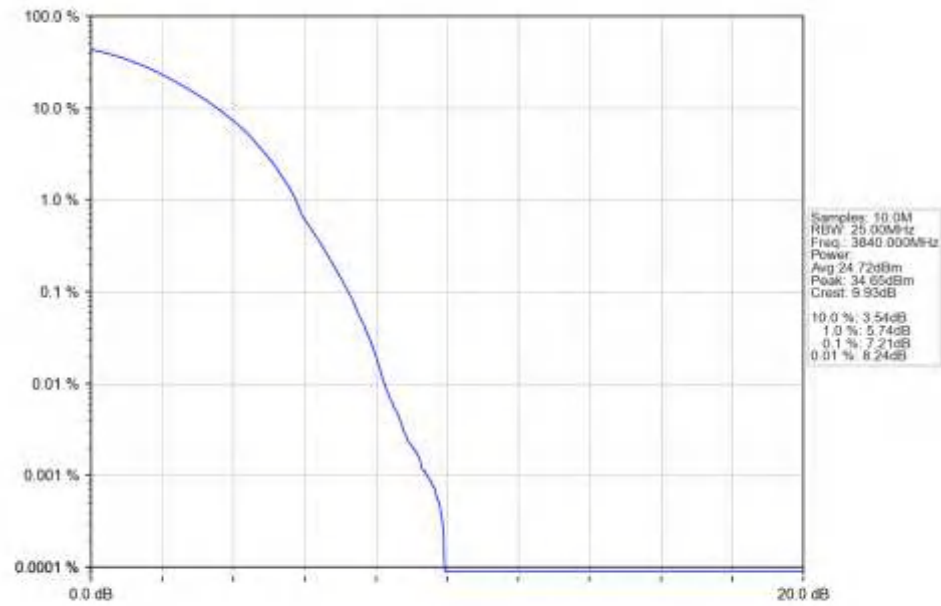
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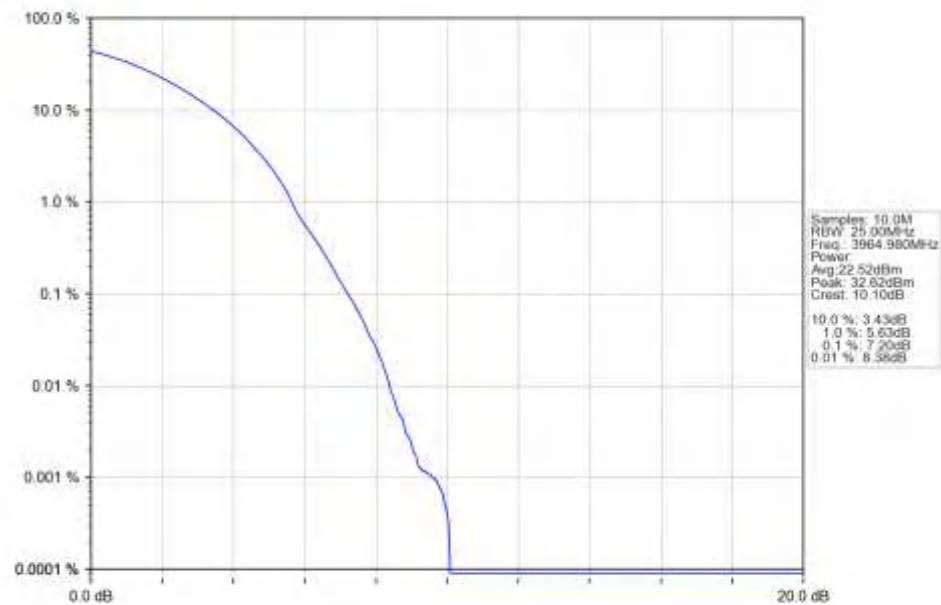
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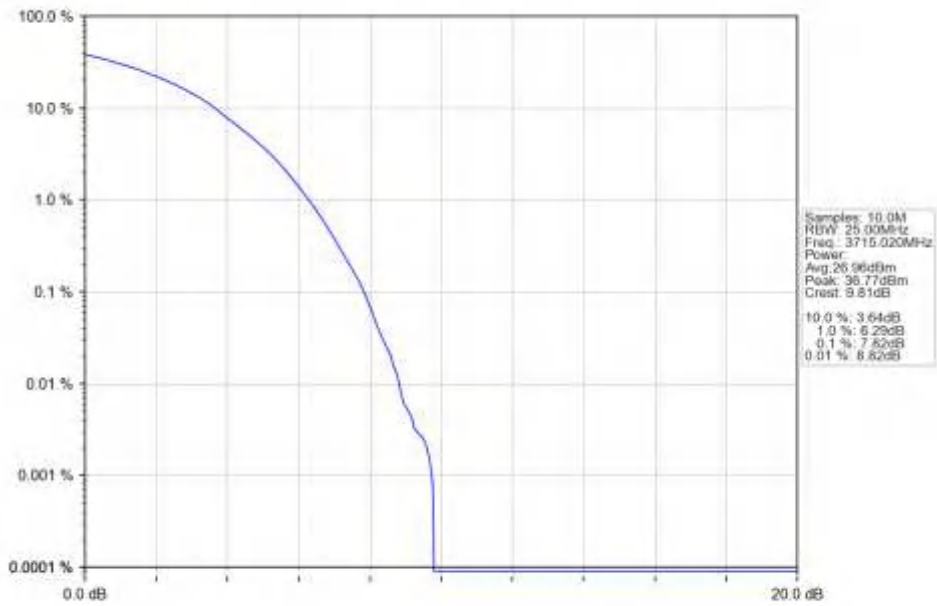
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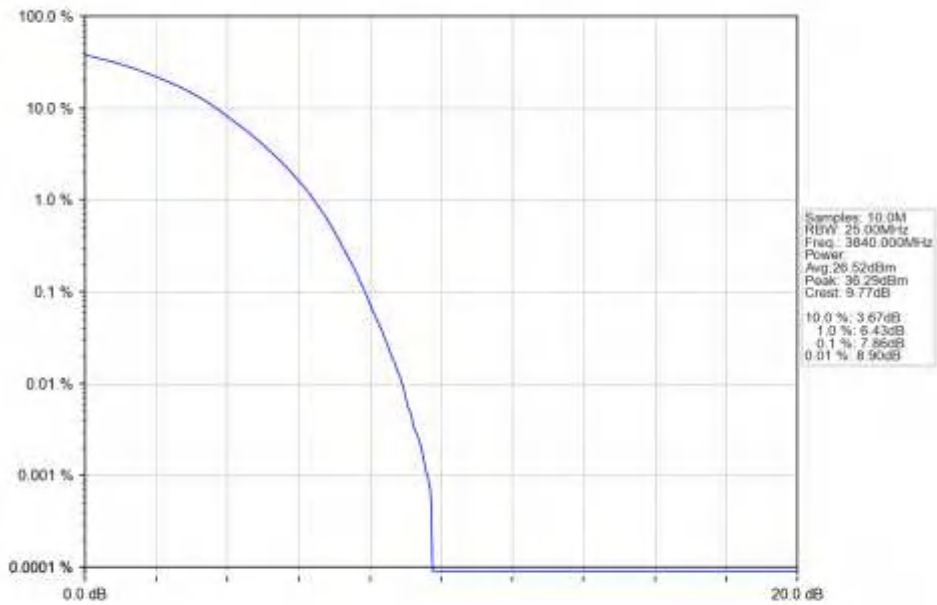
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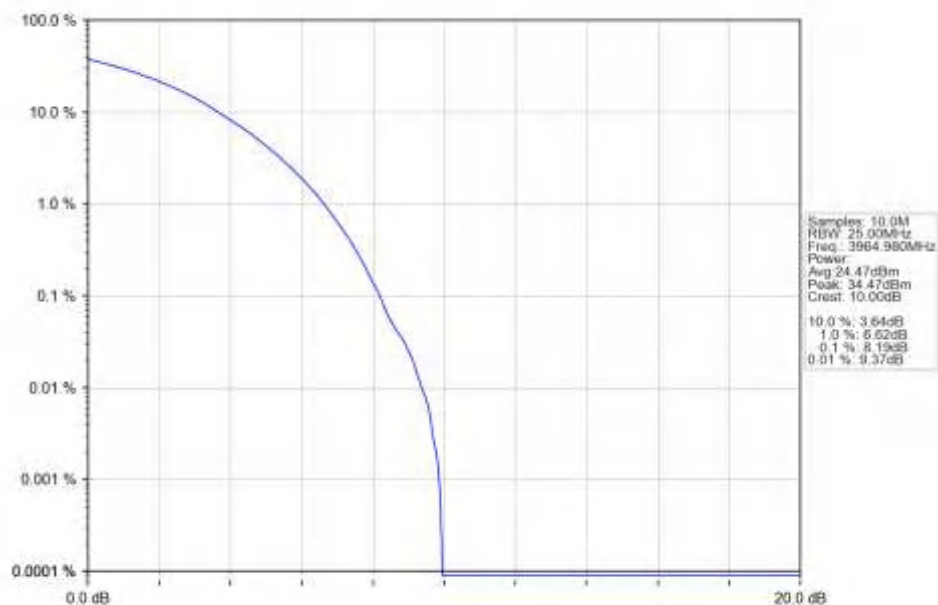
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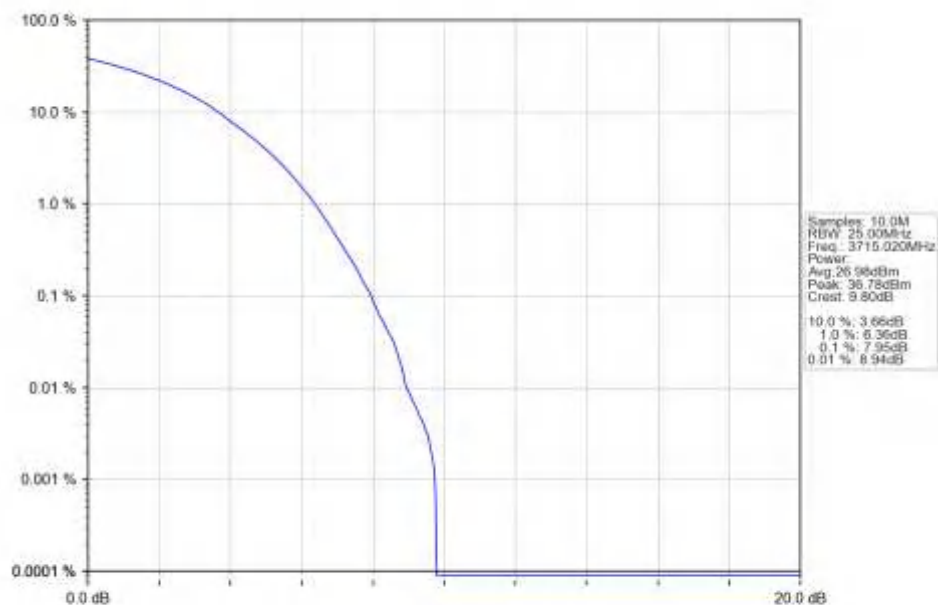
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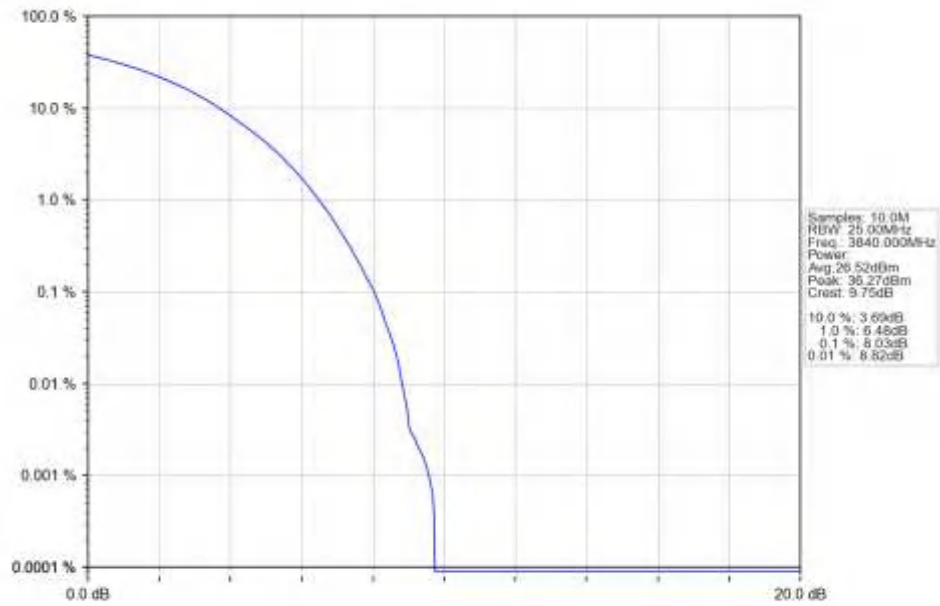
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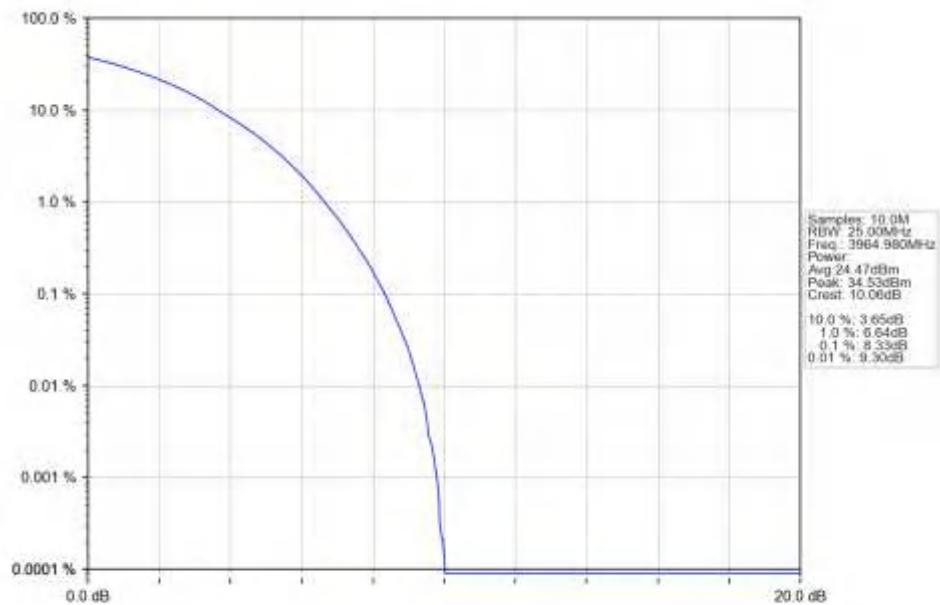
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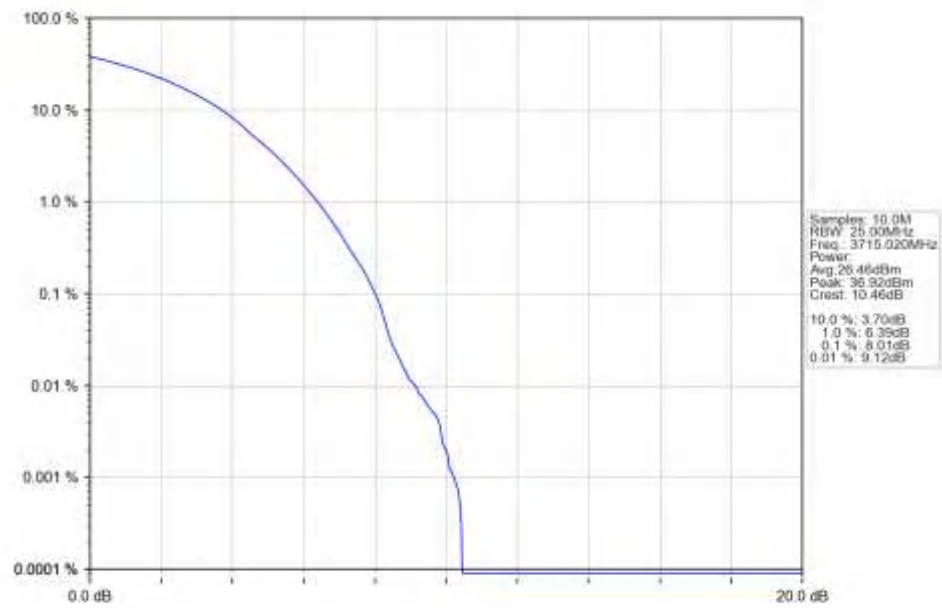
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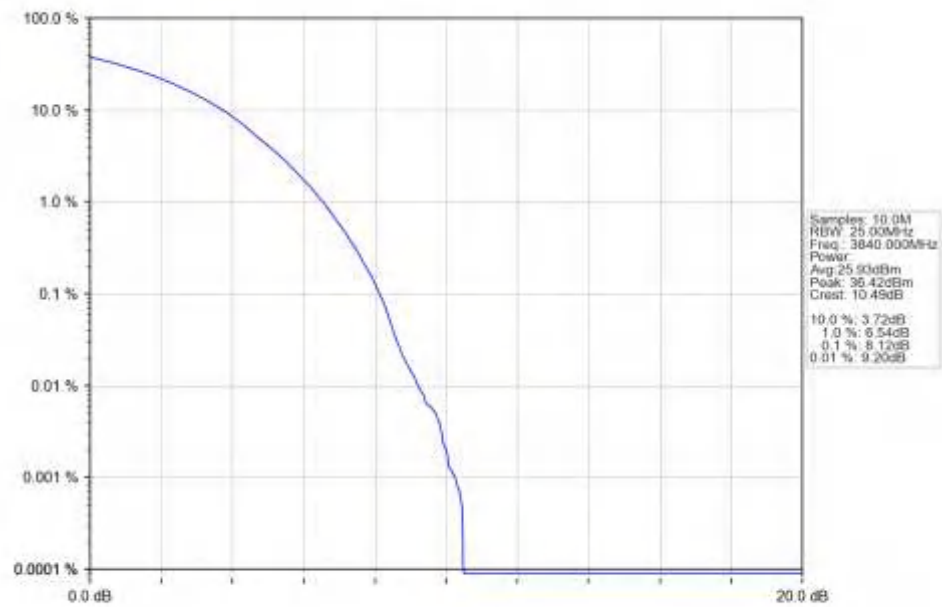
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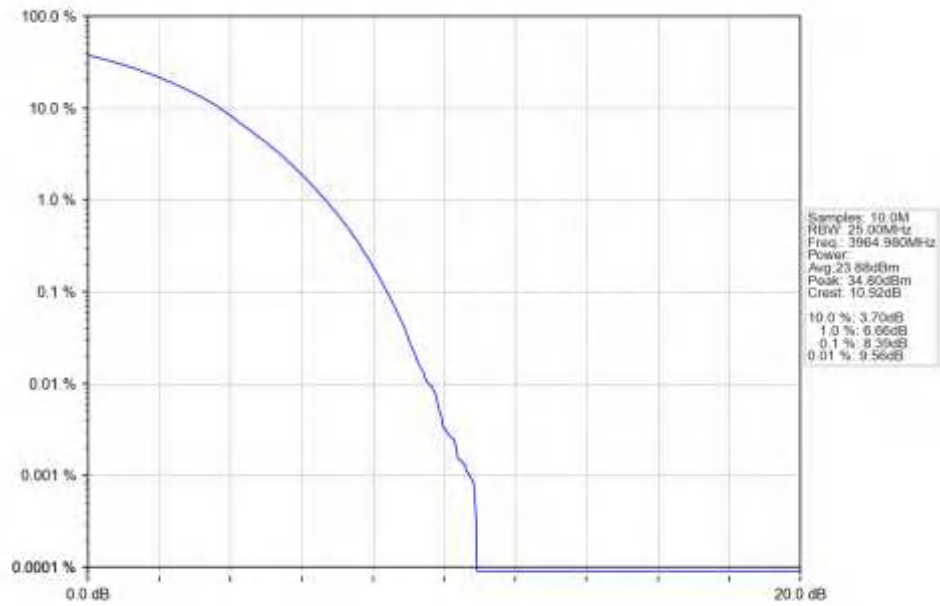
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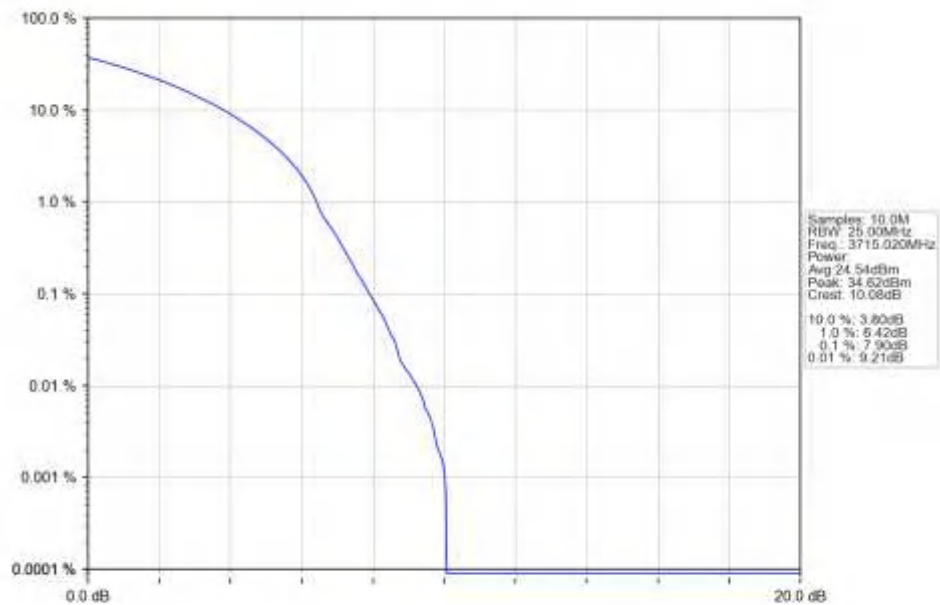
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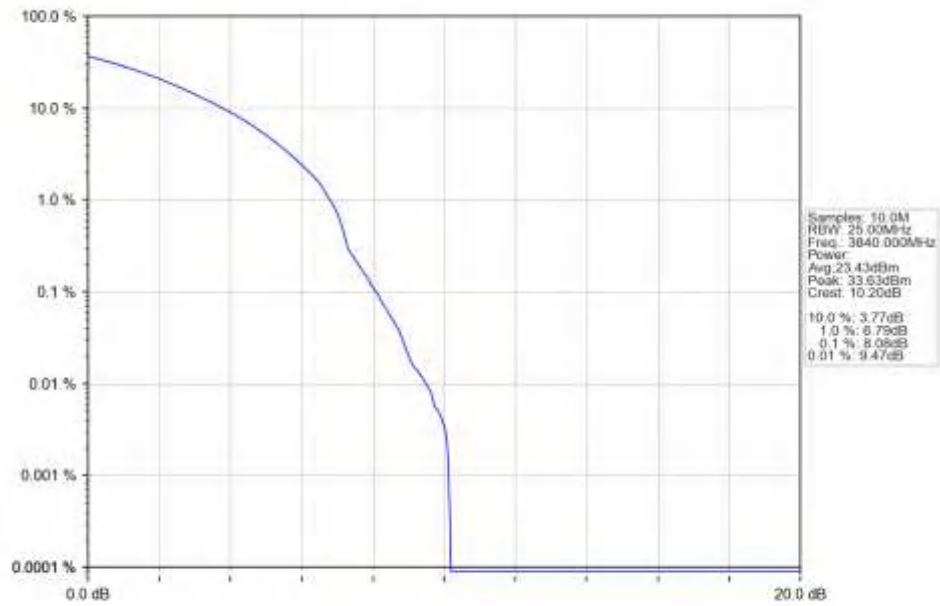
n77a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3964.98MHz Outer Full Ant1



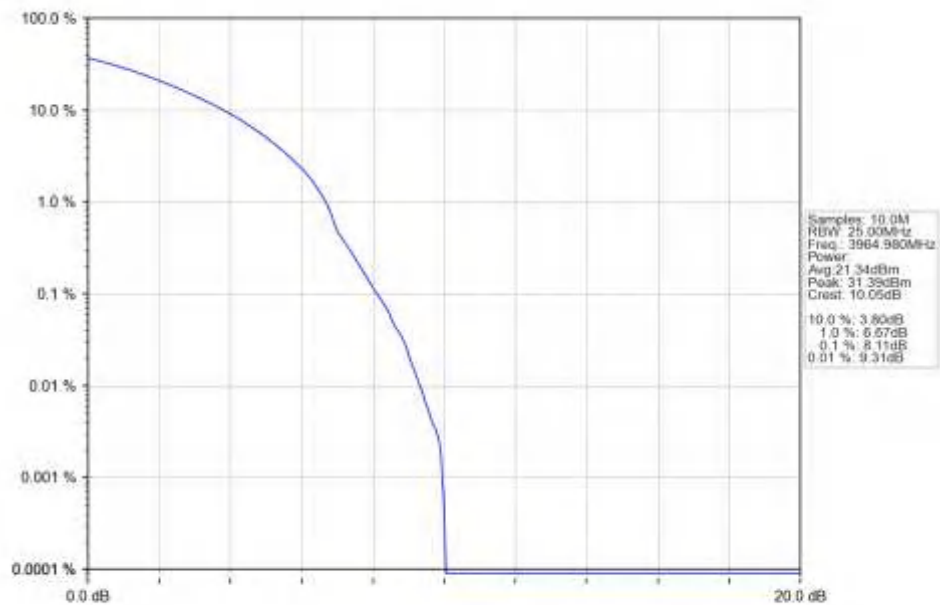
n77a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3715.02MHz Outer Full Ant1



n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

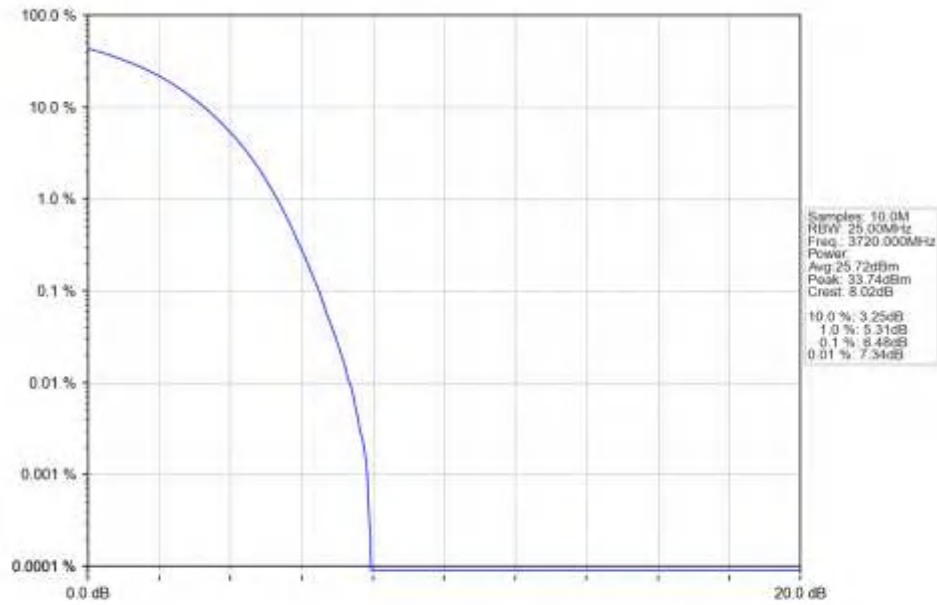


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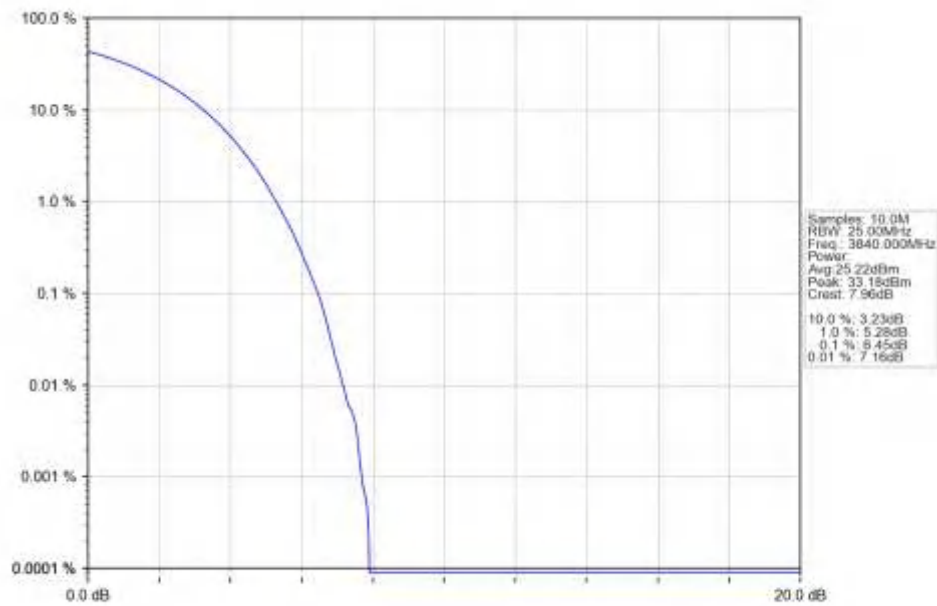


5.2.13 30k_SISO_40MHz_NTNV

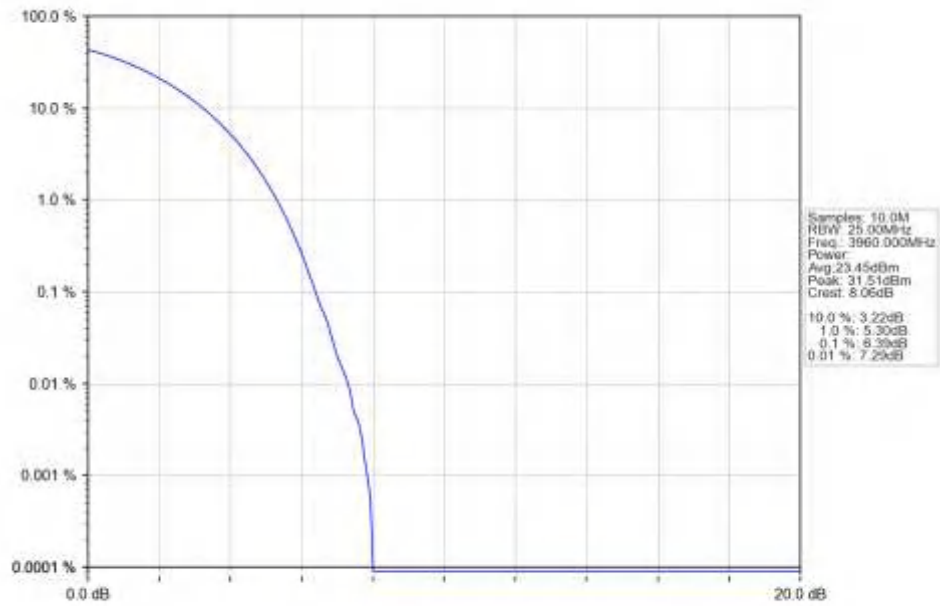
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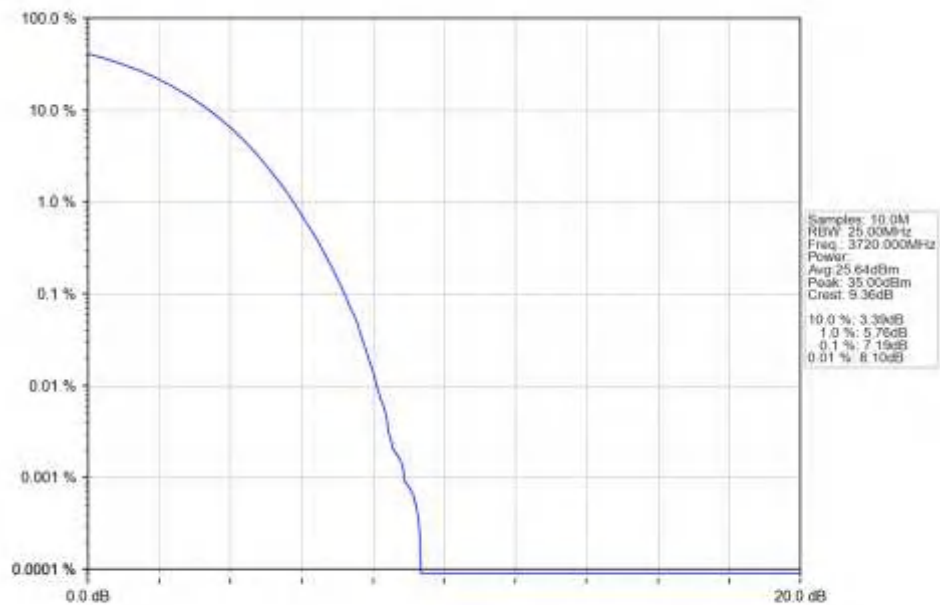
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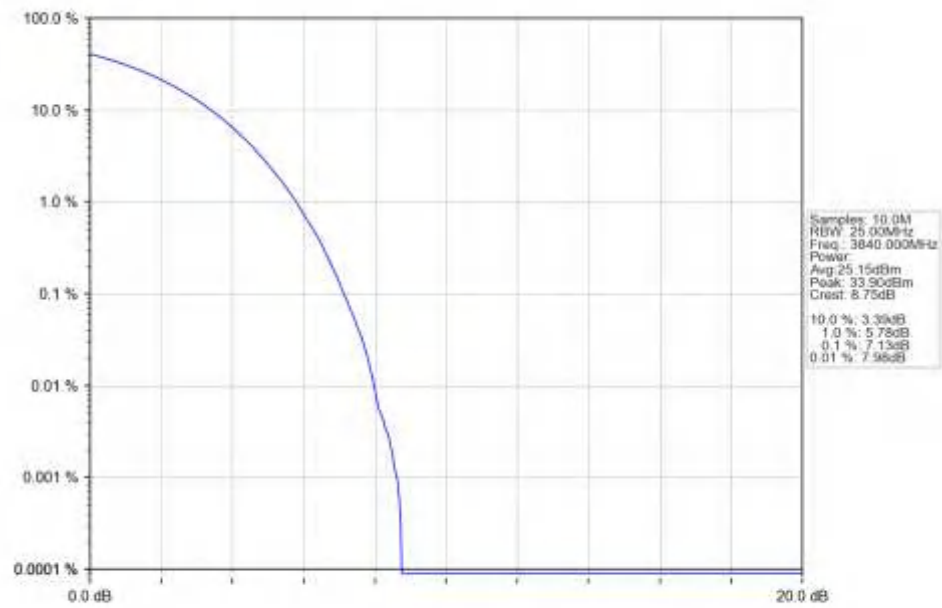
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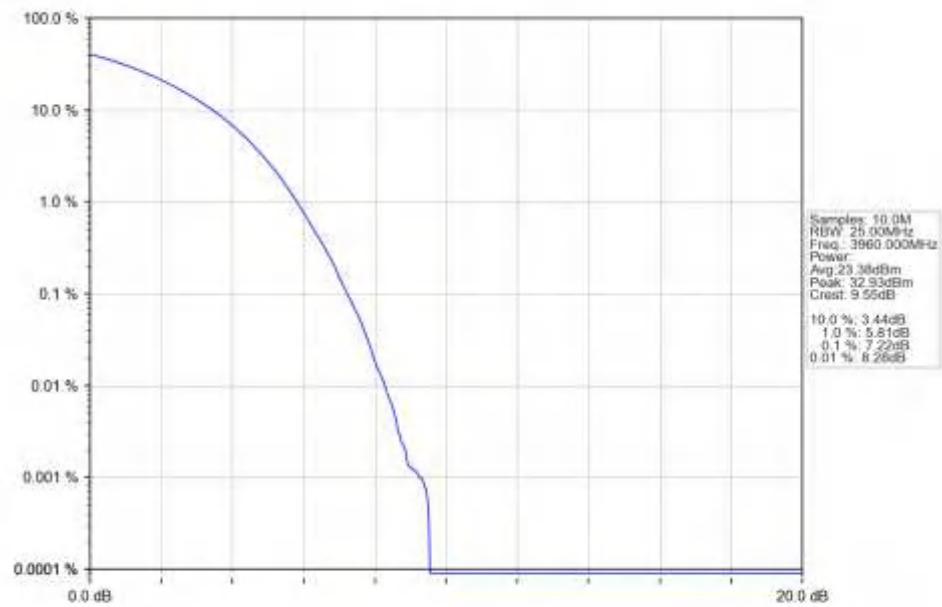
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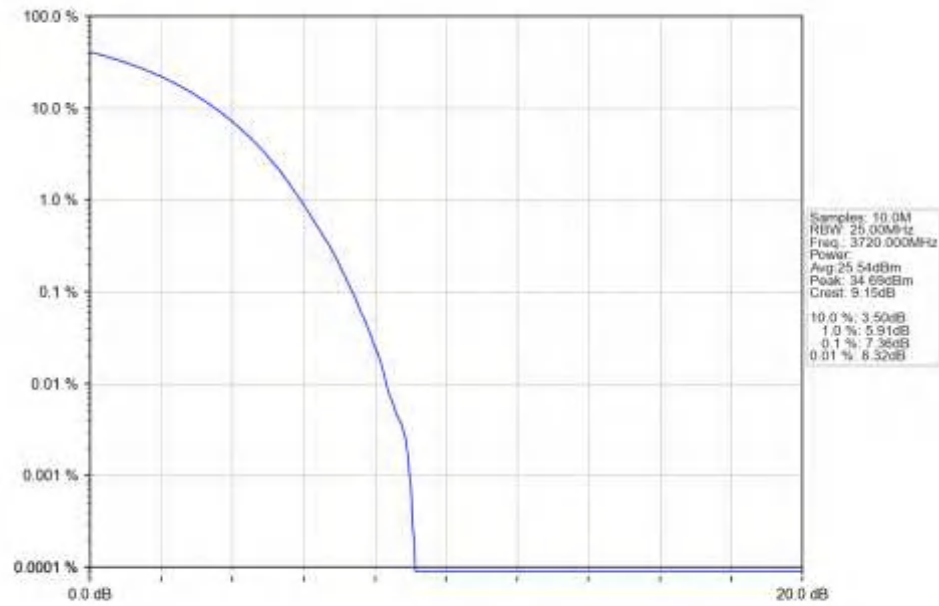
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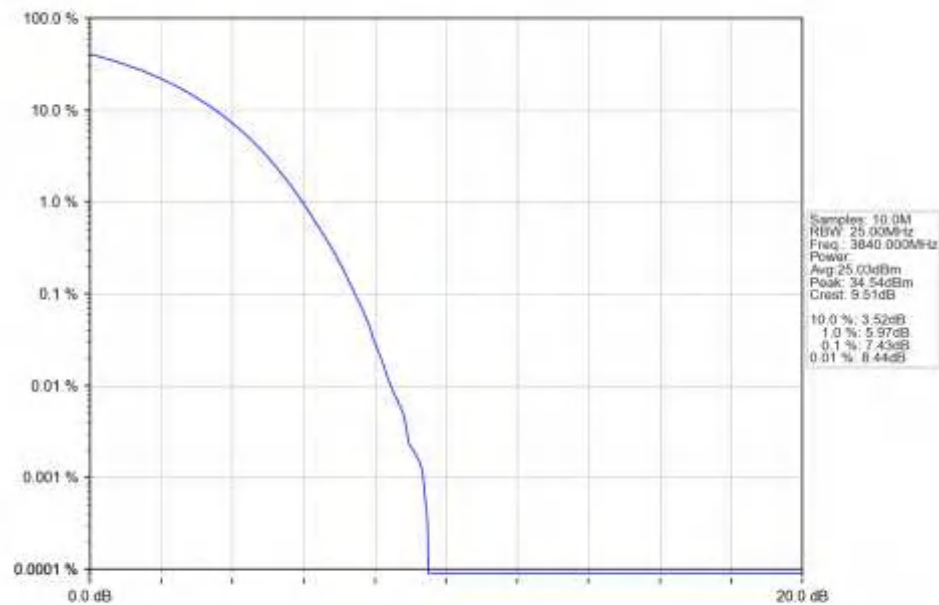
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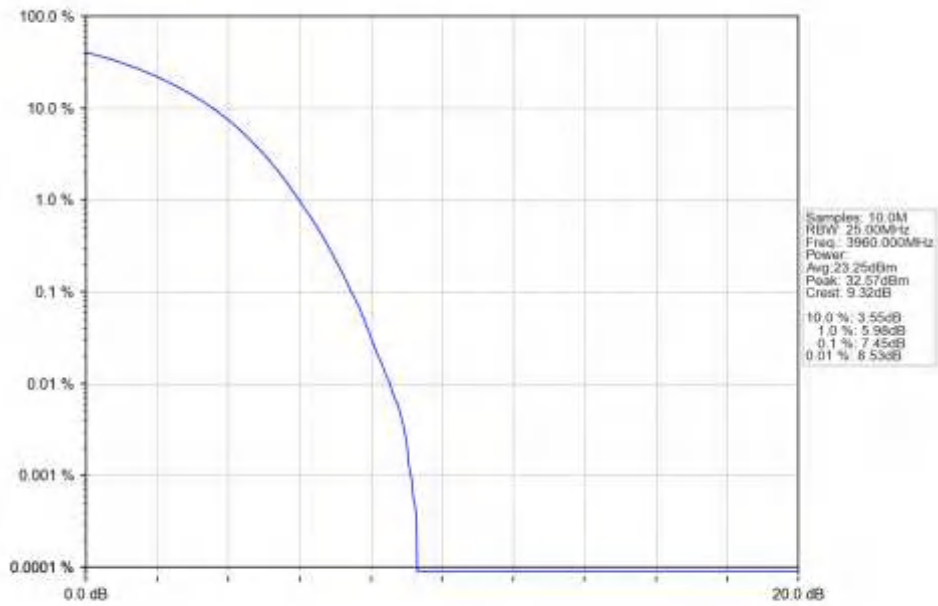
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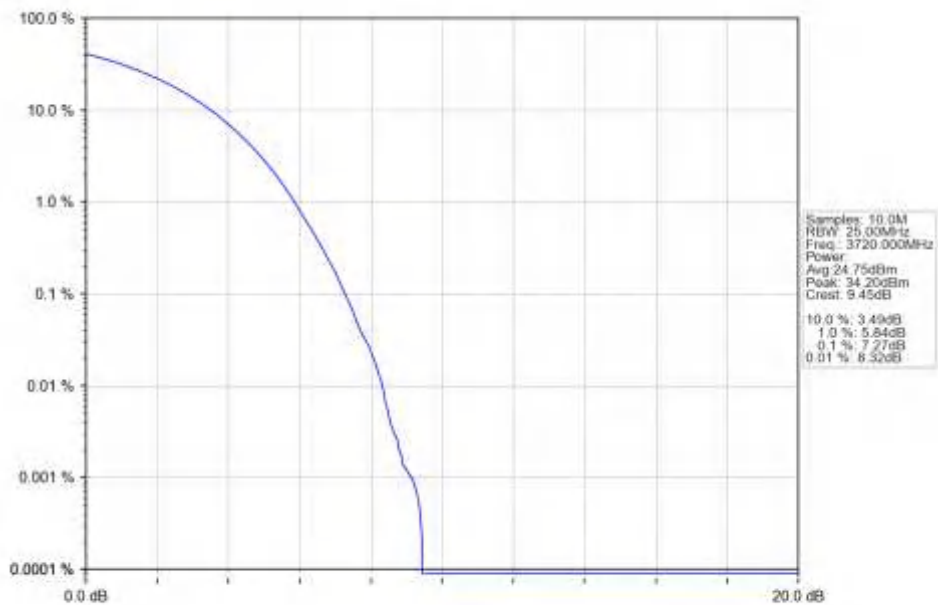
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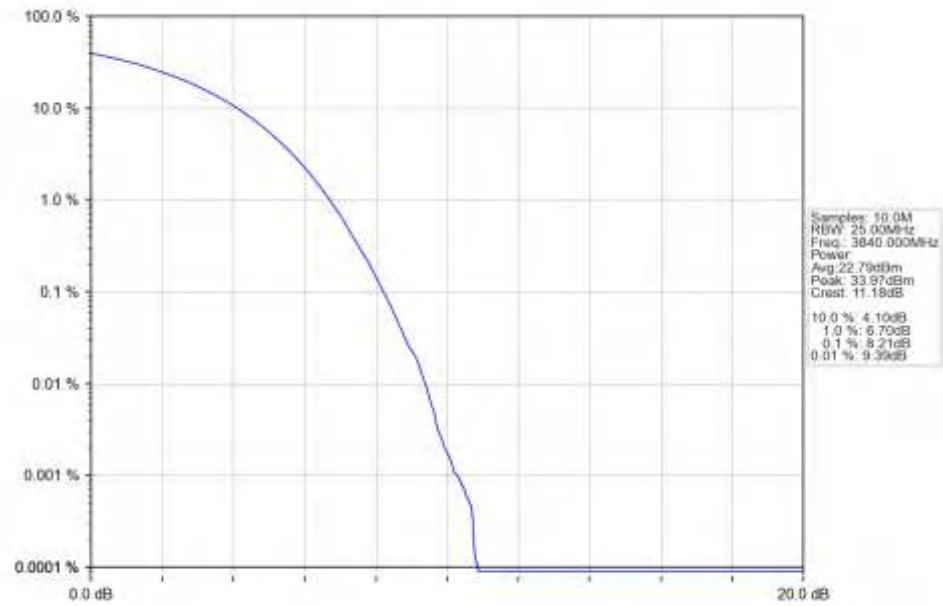
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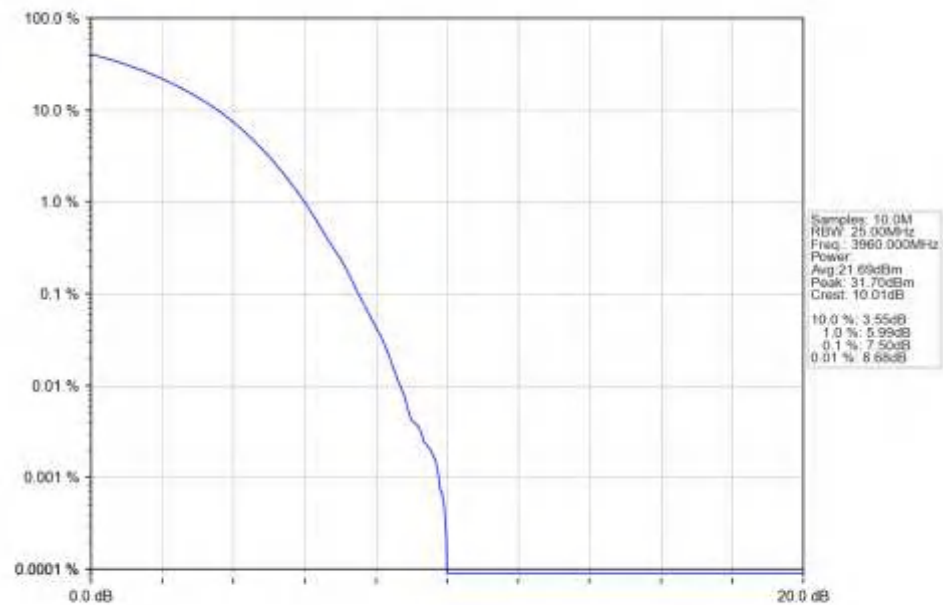
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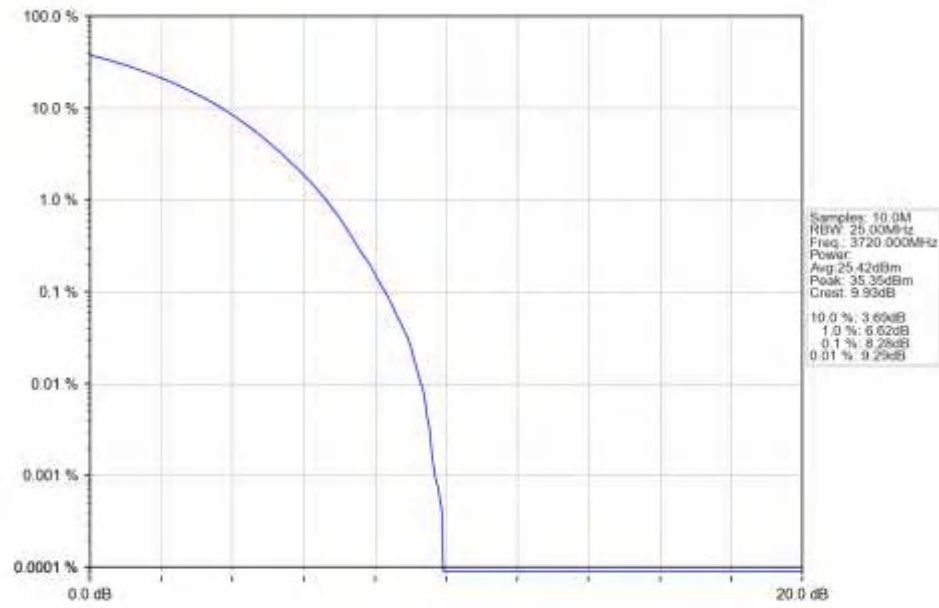
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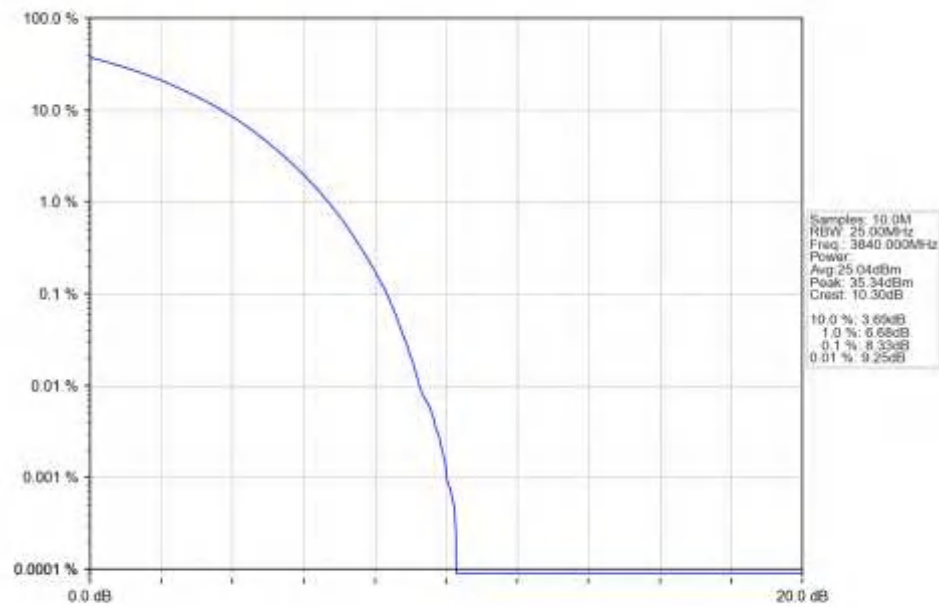
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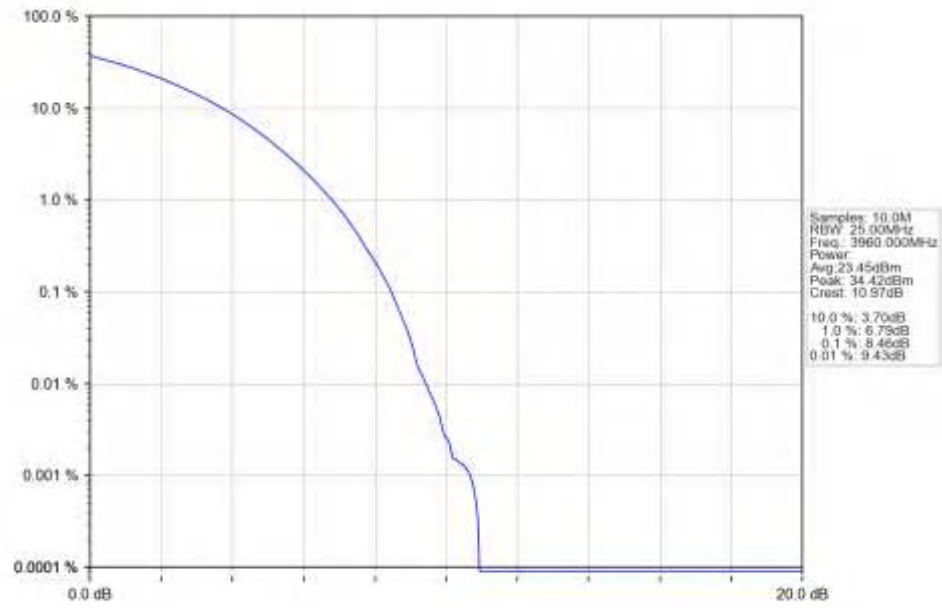
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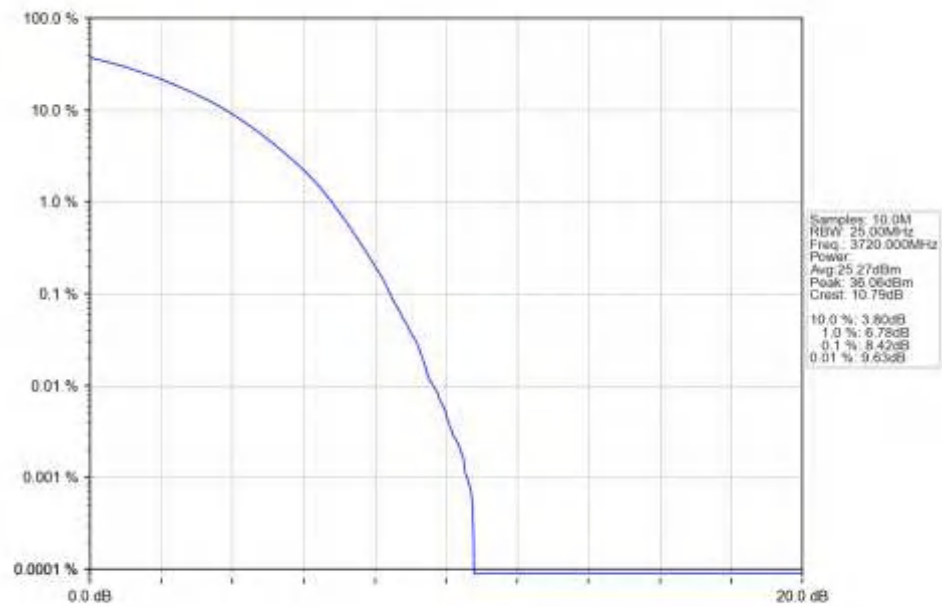
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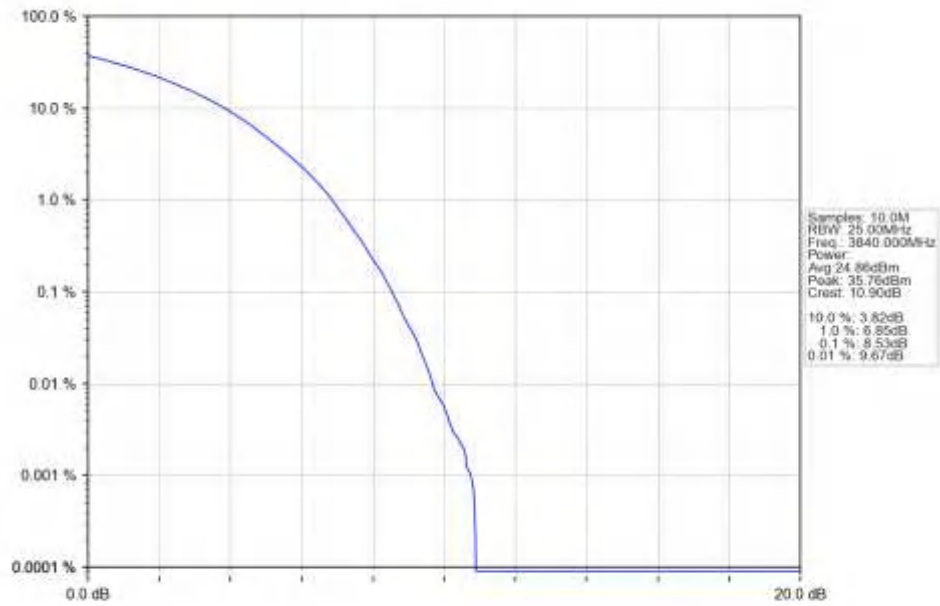
n77a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3960MHz Outer Full Ant1



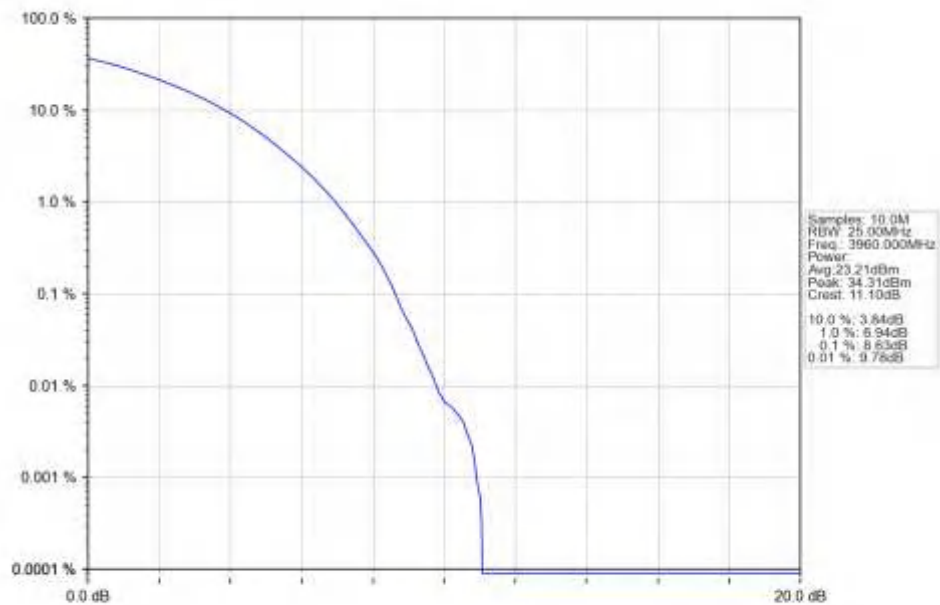
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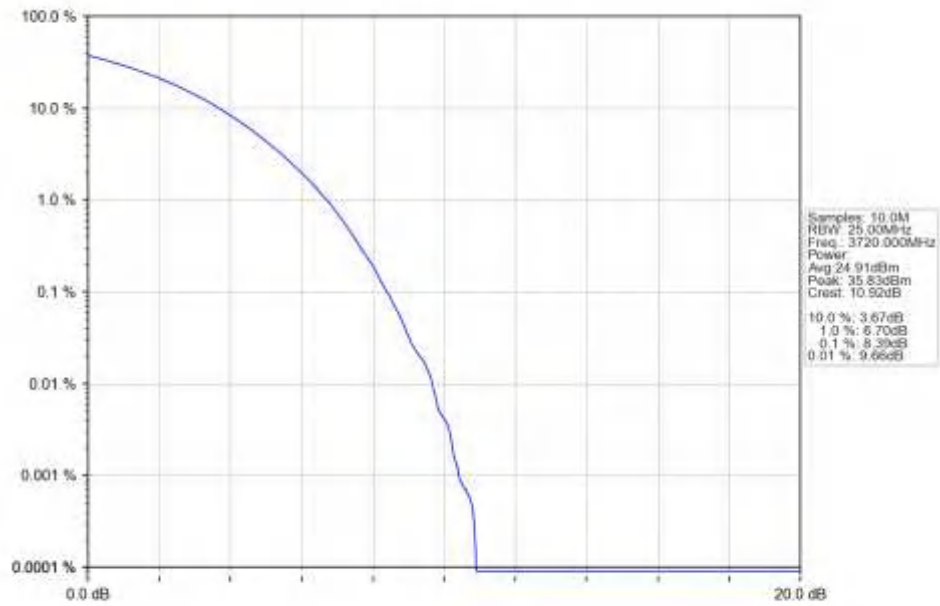
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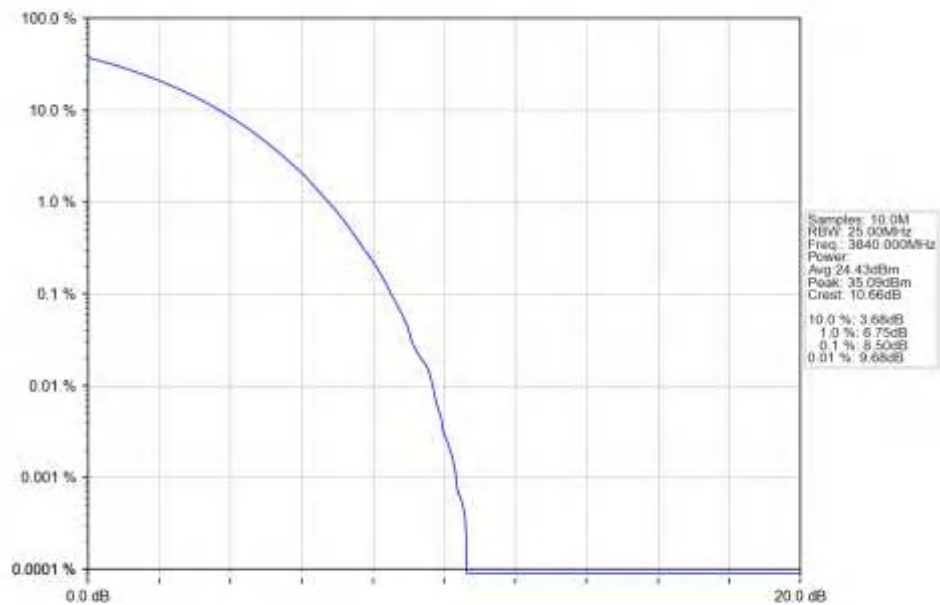
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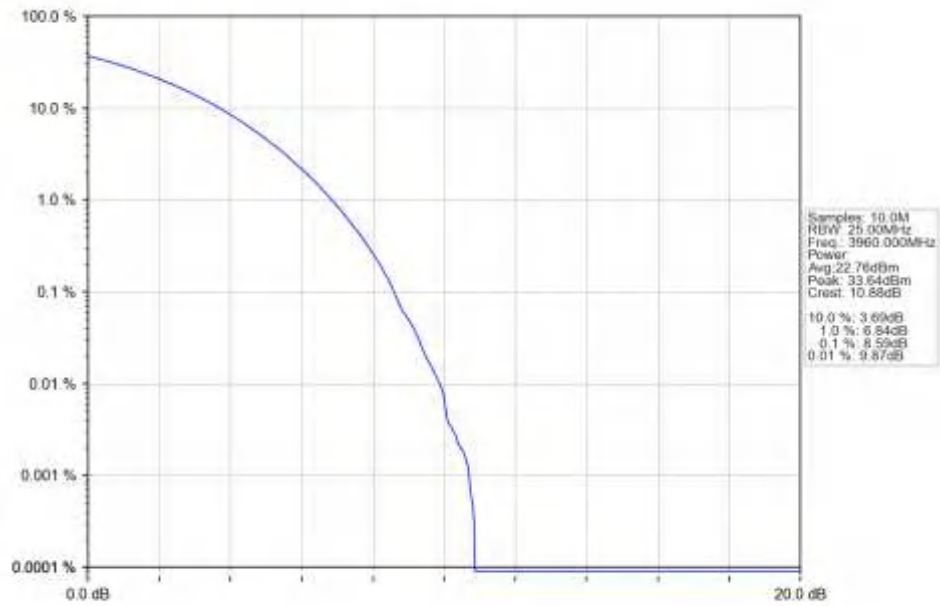
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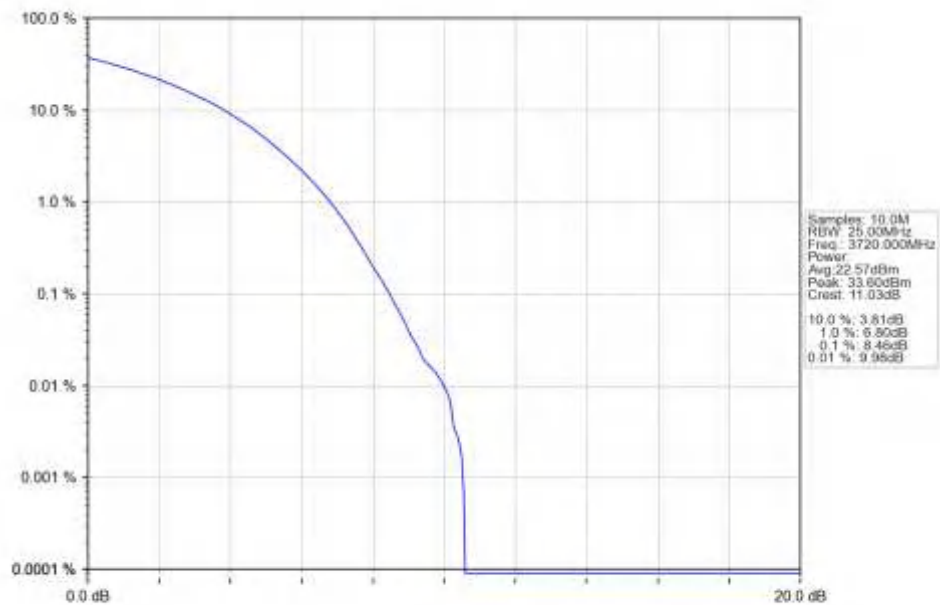
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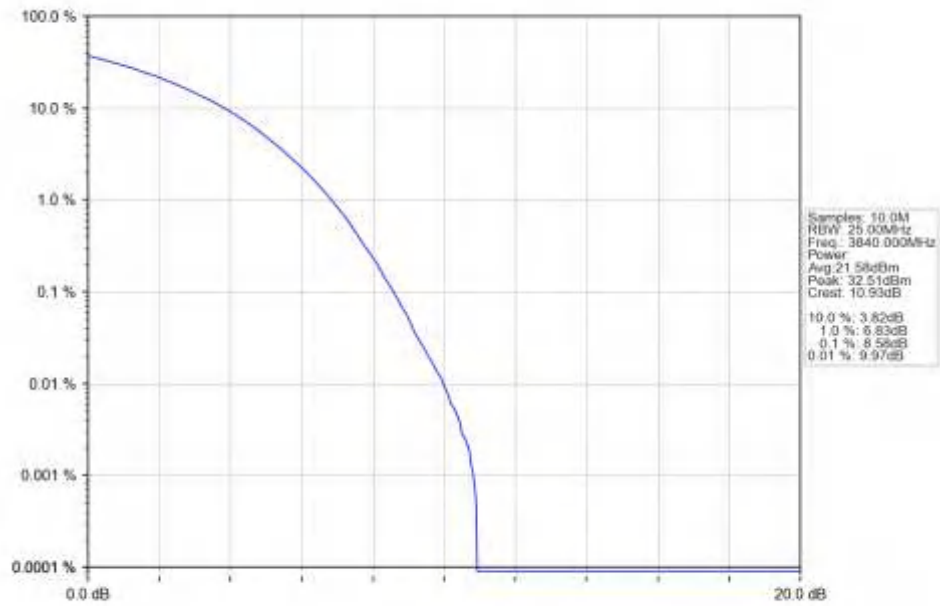
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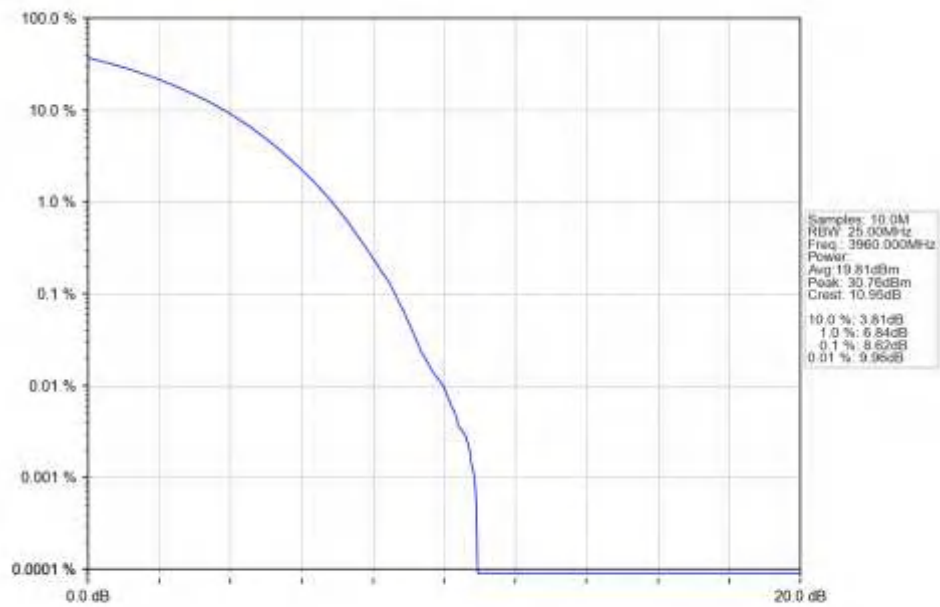
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

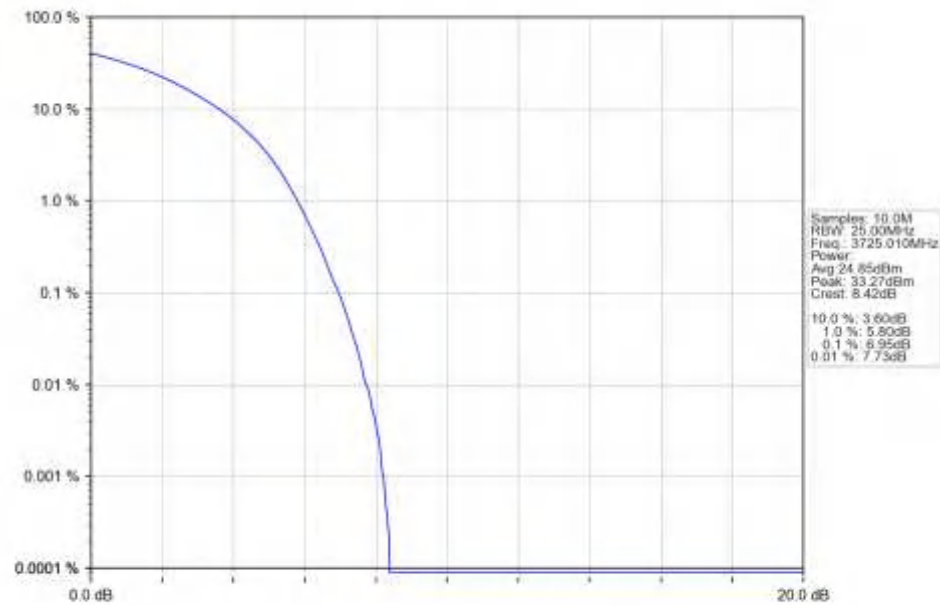


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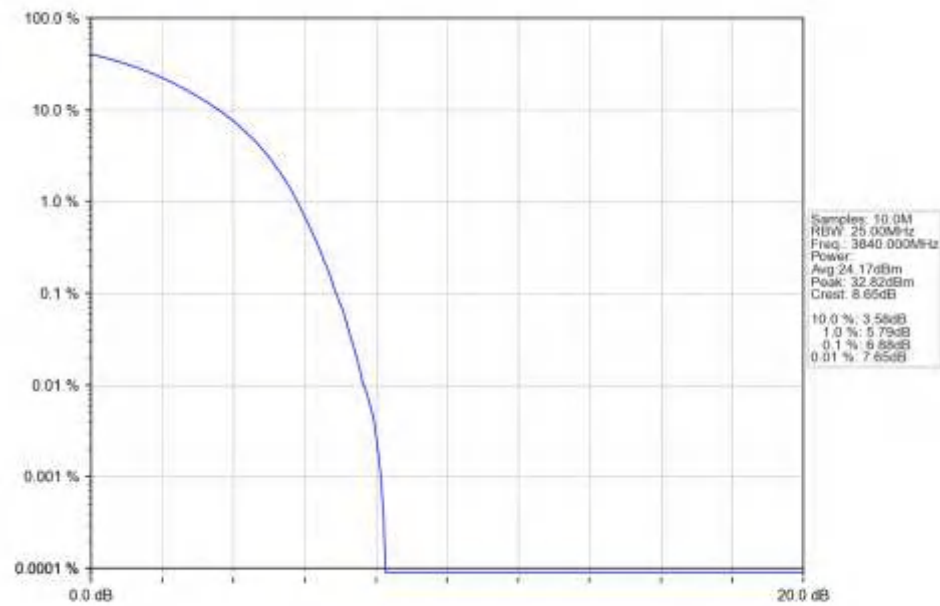


5.2.14 30k_SISO_50MHz_NTNV

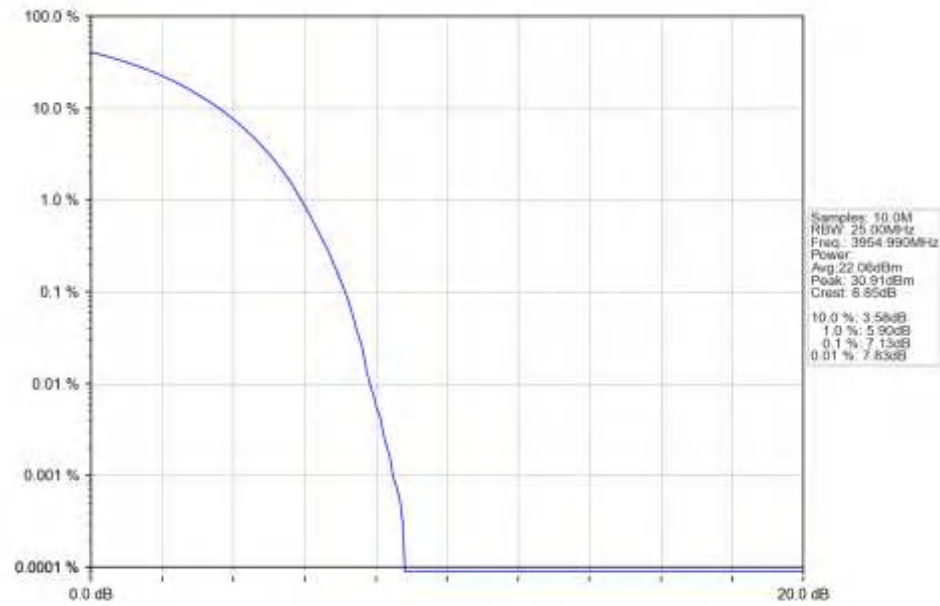
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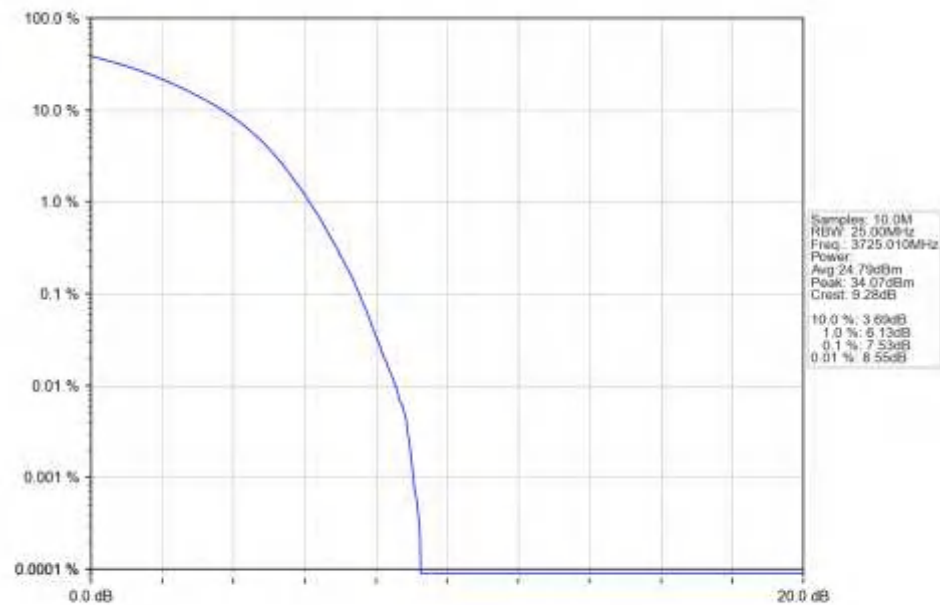
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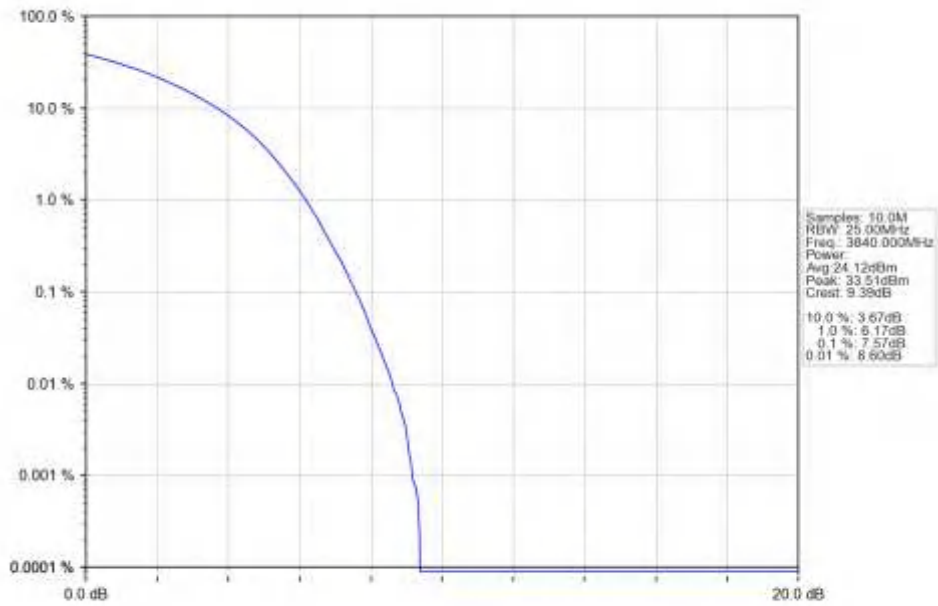
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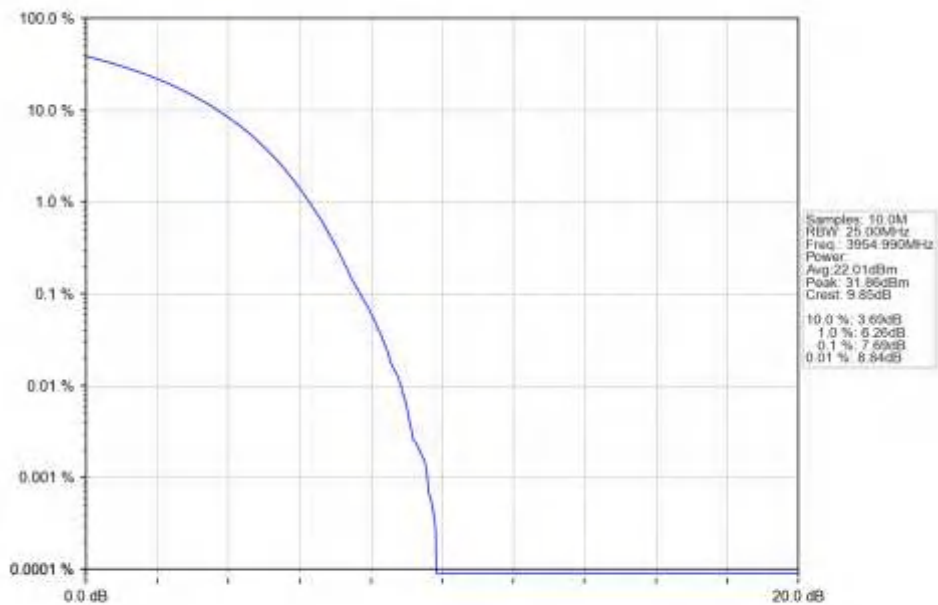
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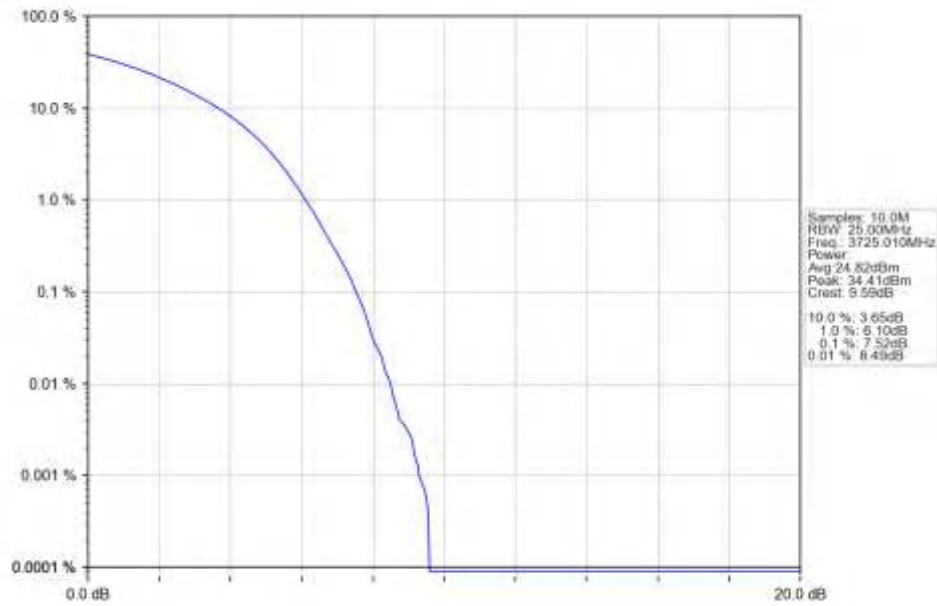
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3954.99MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3725.01MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1

