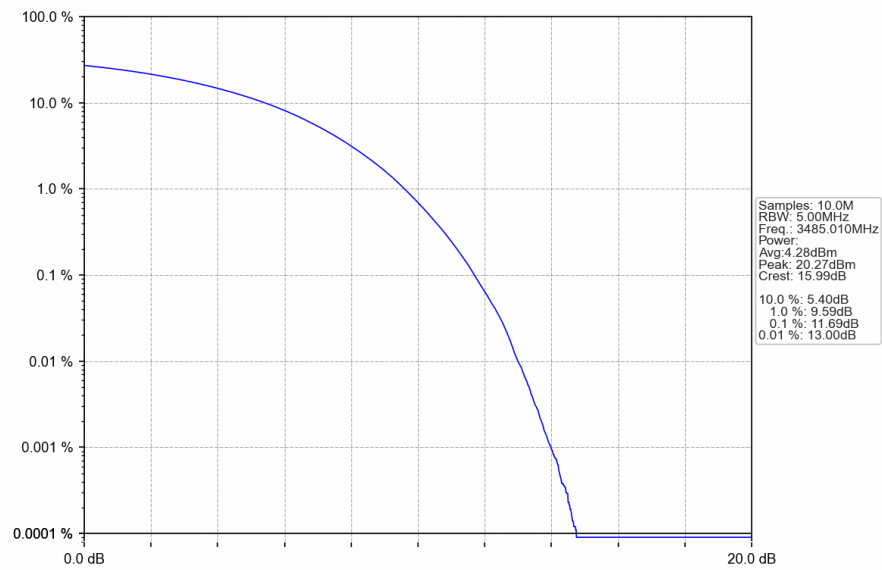
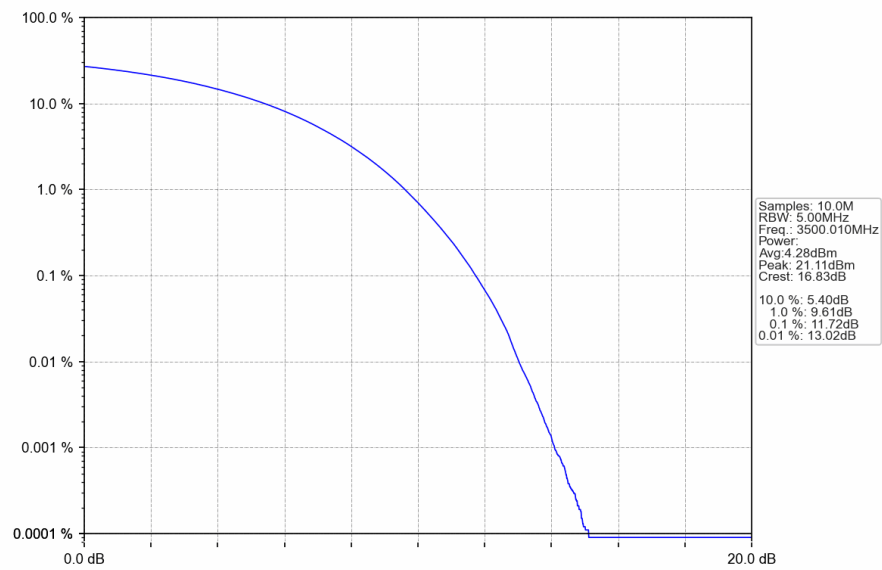


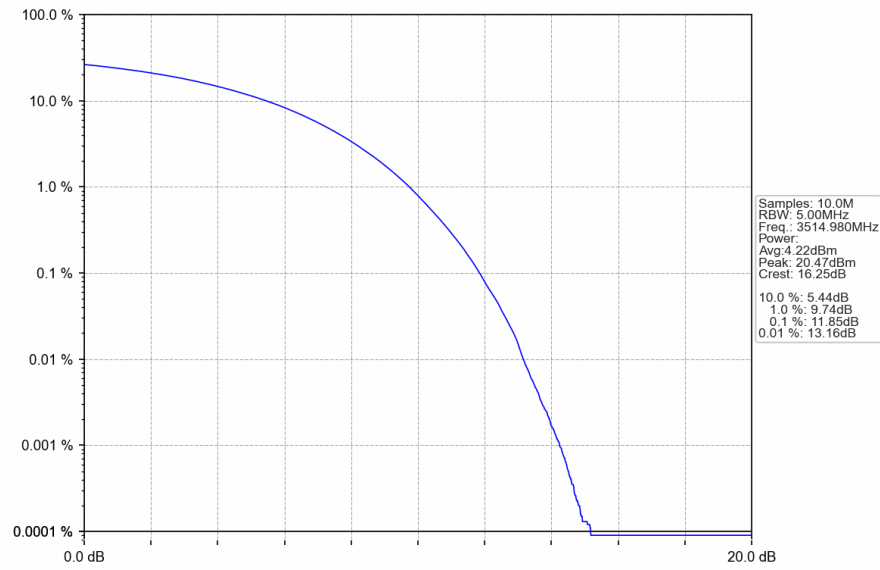
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3485.01MHz_Outer_Full



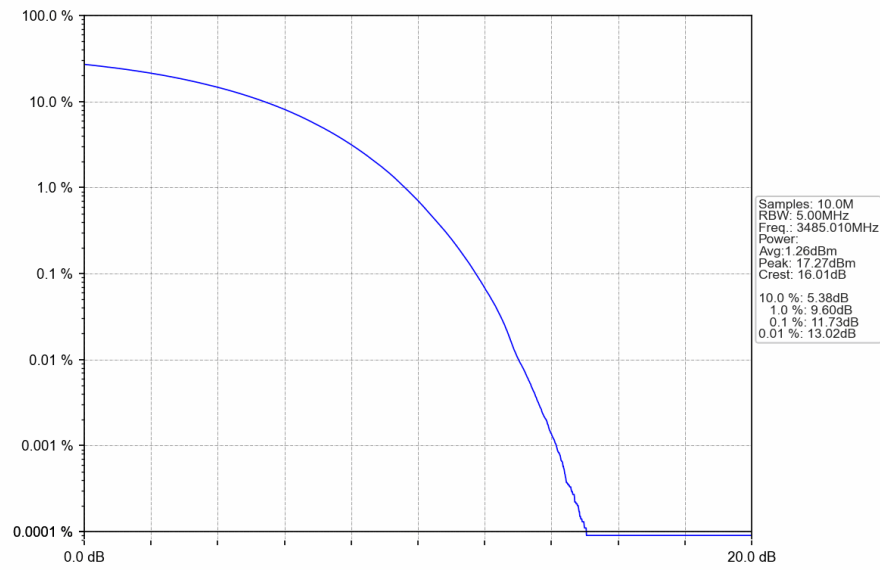
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full



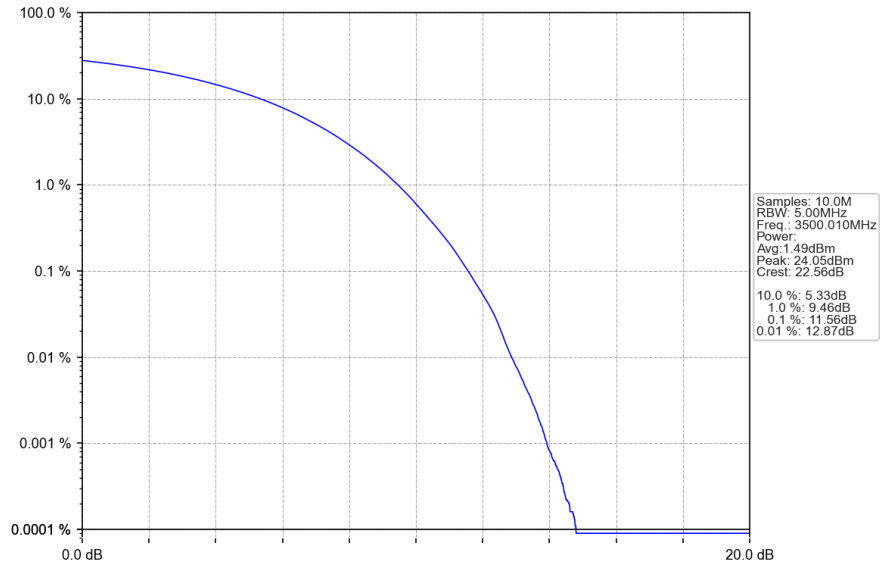
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3514.98MHz_Outer_Full



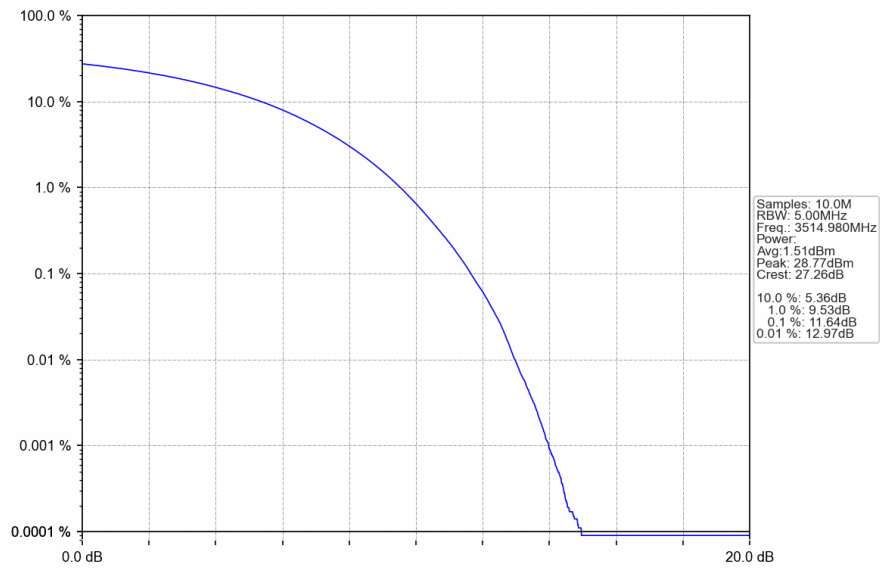
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3485.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3514.98MHz_Outer_Full

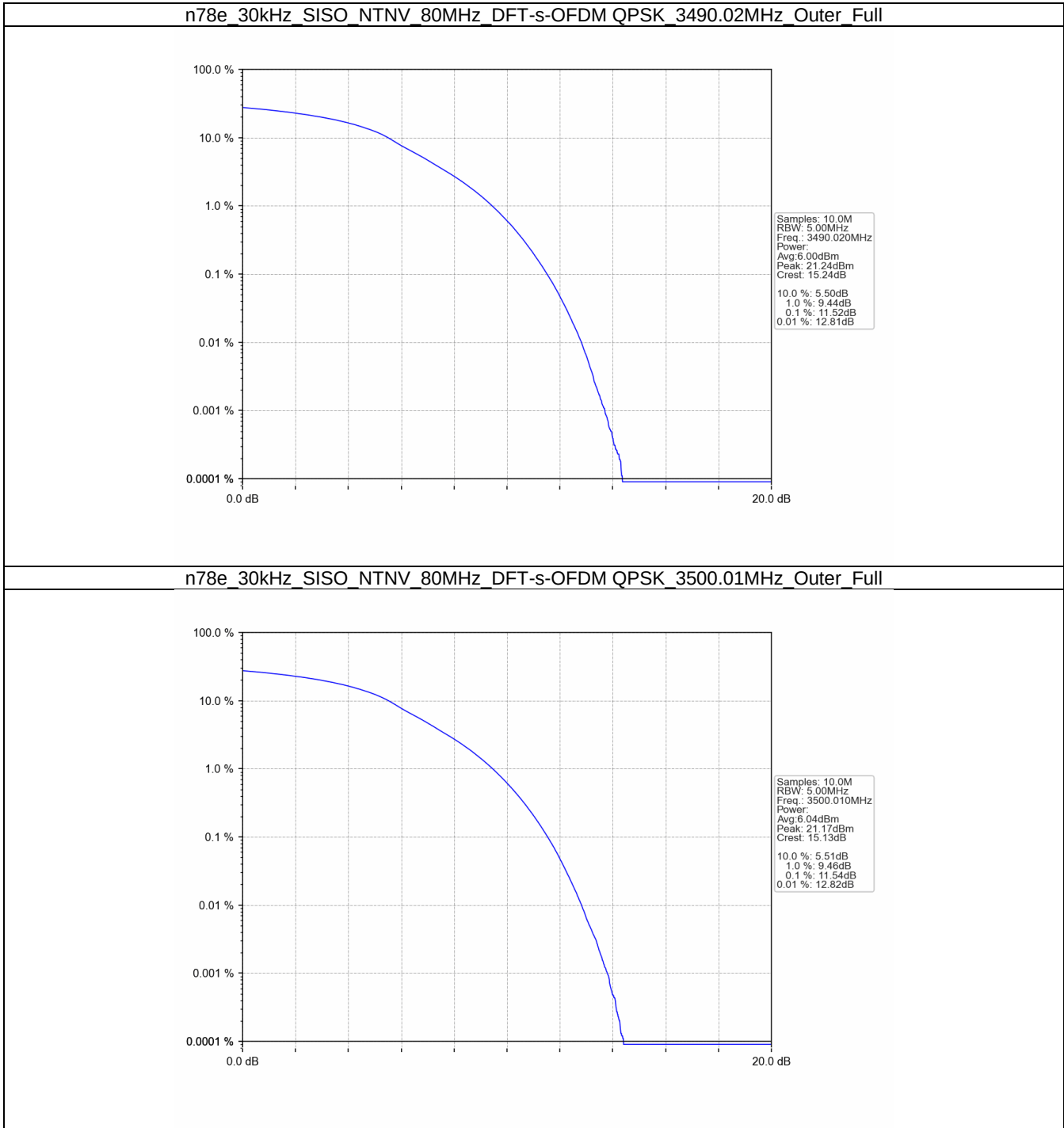


1.7 30k_SISO_80MHz_NTNV

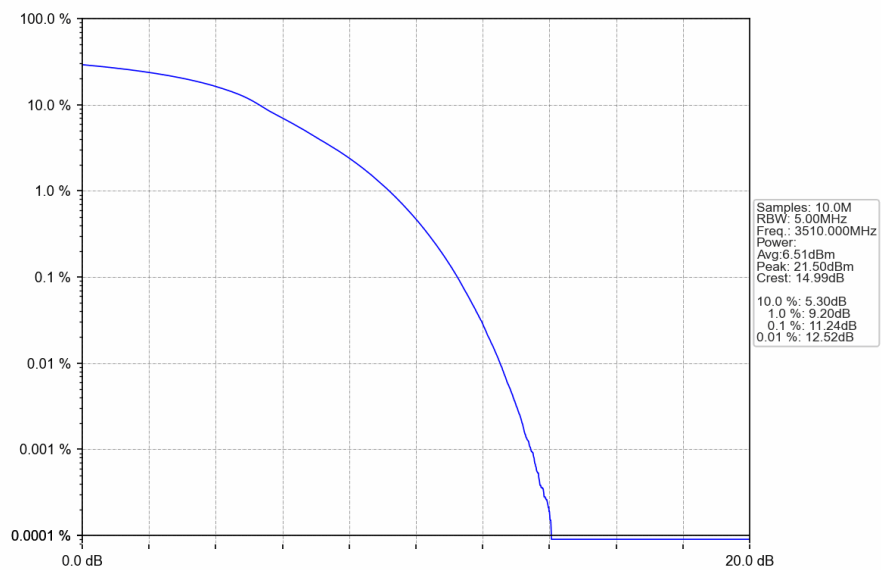
1.7.1 Test Result

5G NR n78e SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3490.02	Outer_Full	11.52	/	/	<=13	Pass
	3500.01	Outer_Full	11.54	/	/	<=13	Pass
	3510	Outer_Full	11.24	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	11.63	/	/	<=13	Pass
	3500.01	Outer_Full	11.67	/	/	<=13	Pass
	3510	Outer_Full	11.33	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	11.40	/	/	<=13	Pass
	3500.01	Outer_Full	11.53	/	/	<=13	Pass
	3510	Outer_Full	11.36	/	/	<=13	Pass
CP-OFDM QPSK	3490.02	Outer_Full	11.40	/	/	<=13	Pass
	3500.01	Outer_Full	11.62	/	/	<=13	Pass
	3510	Outer_Full	11.48	/	/	<=13	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	11.58	/	/	<=13	Pass
	3500.01	Outer_Full	11.73	/	/	<=13	Pass
	3510	Outer_Full	11.81	/	/	<=13	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	11.88	/	/	<=13	Pass
	3500.01	Outer_Full	11.64	/	/	<=13	Pass
	3510	Outer_Full	11.82	/	/	<=13	Pass

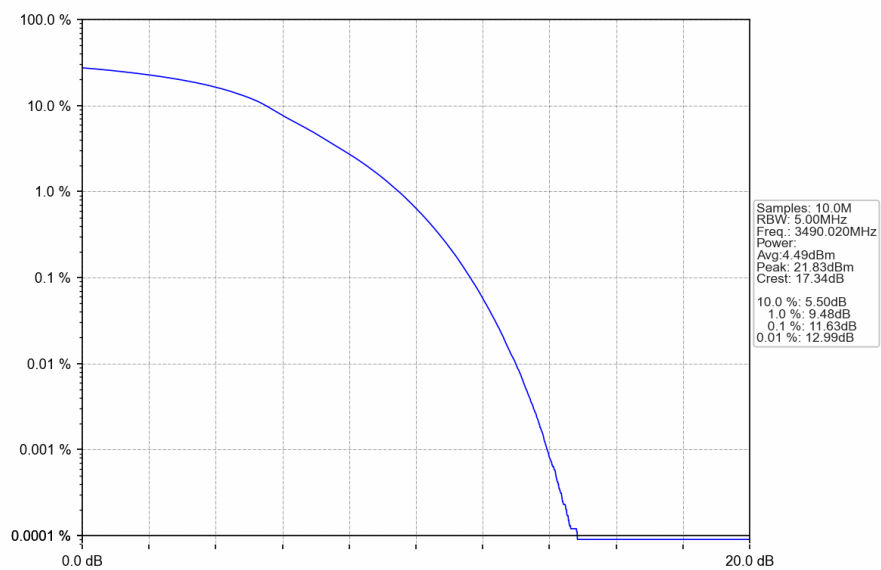
1.7.2 Test Graph



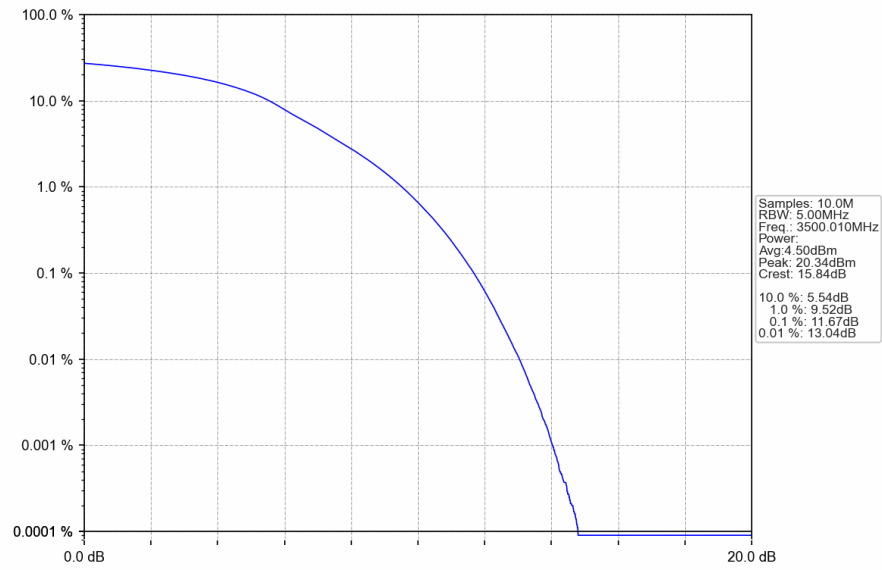
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Outer_Full



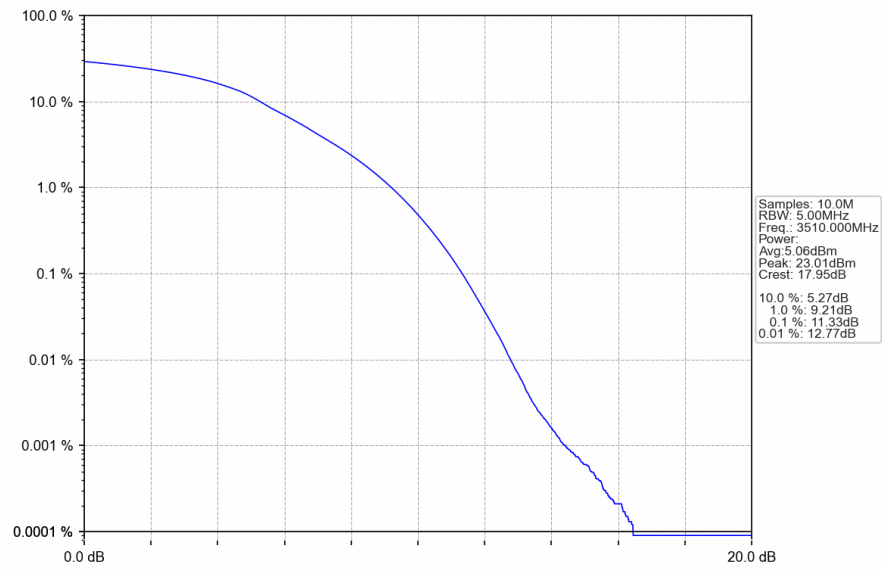
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3490.02MHz_Outer_Full



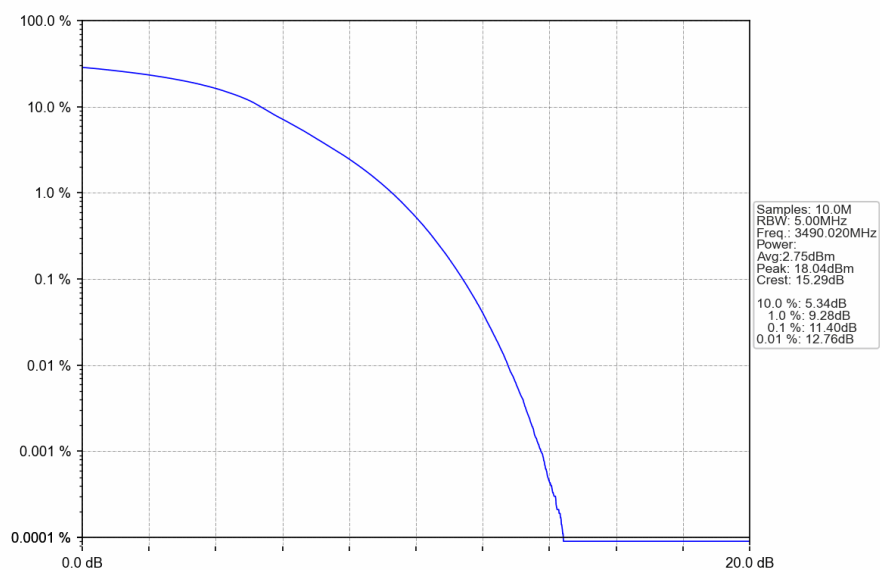
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full



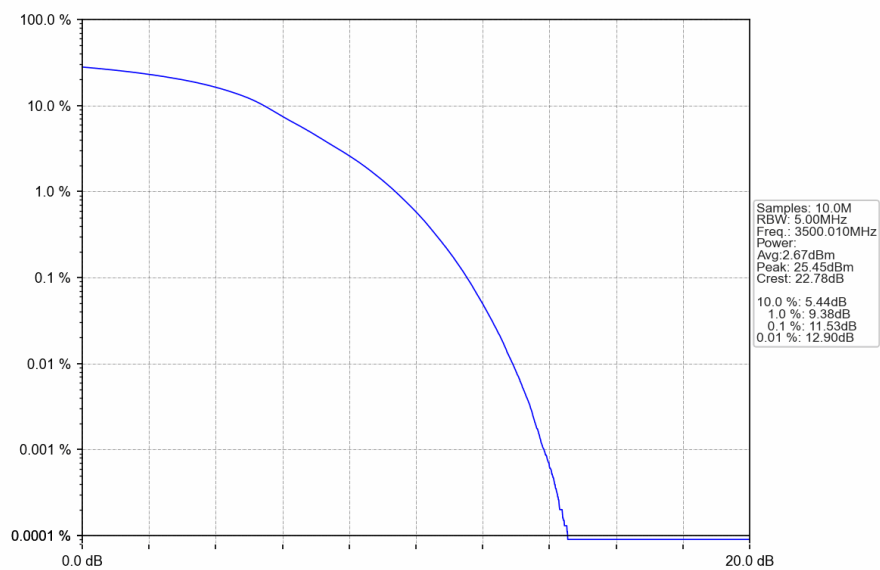
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3510MHz_Outer_Full



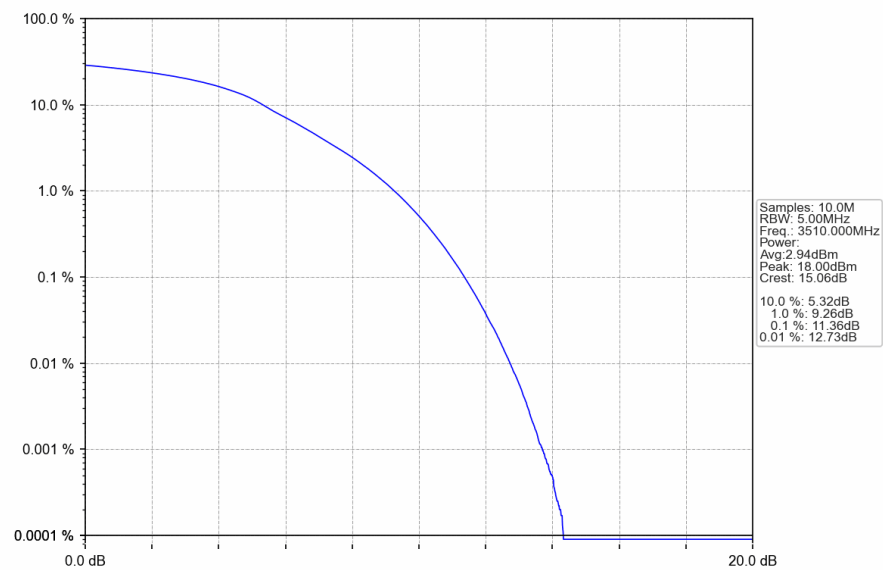
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3490.02MHz_Outer_Full



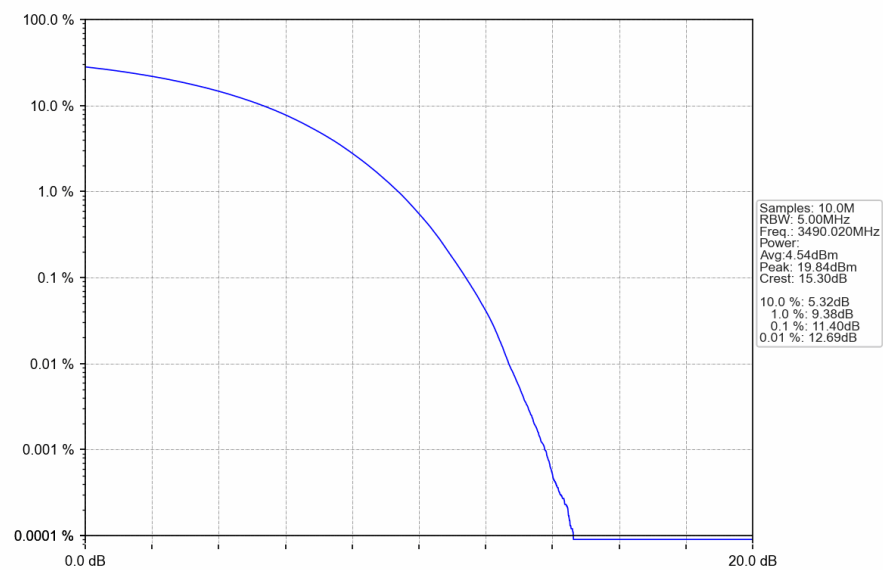
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full



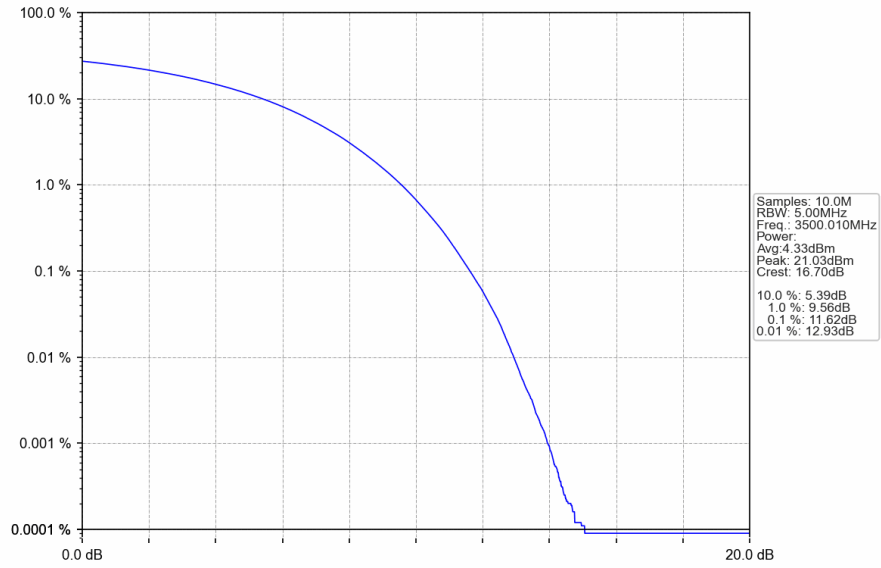
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3510MHz_Outer_Full



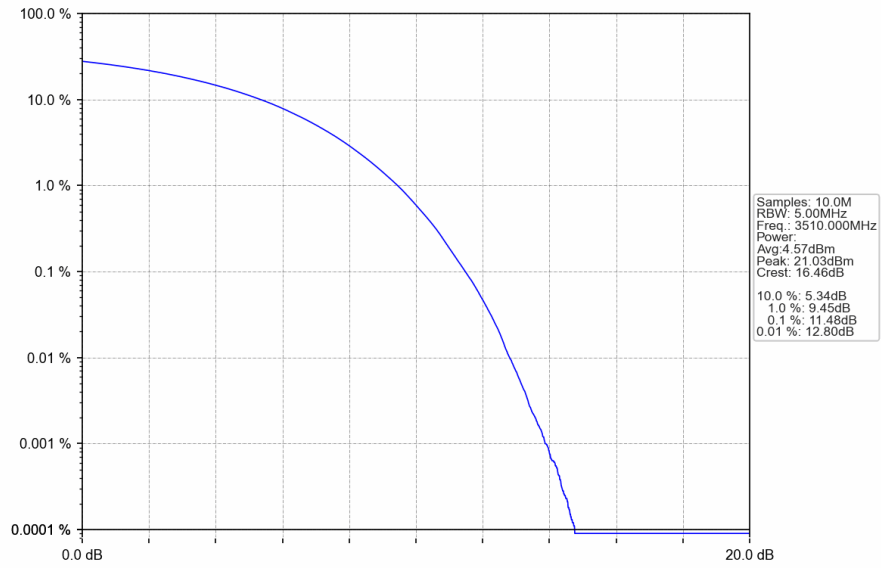
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3490.02MHz_Outer_Full



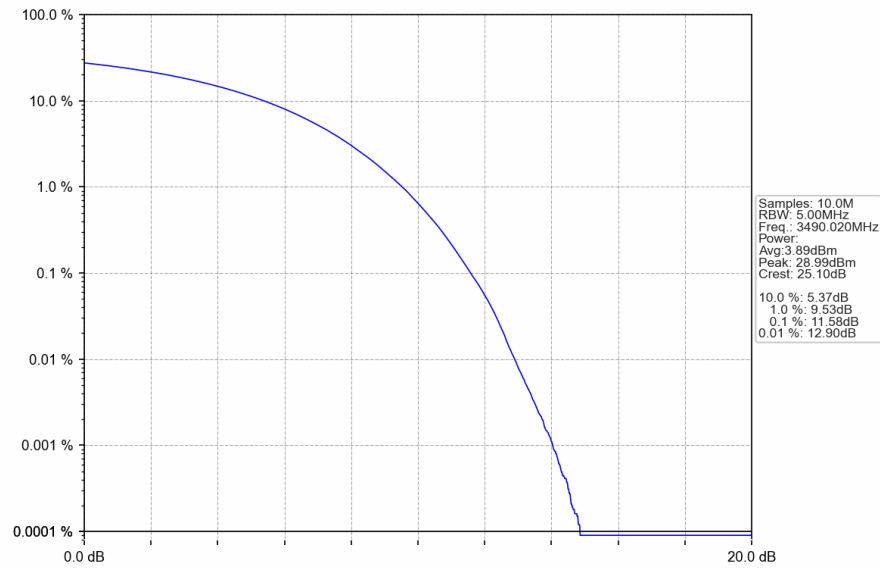
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full



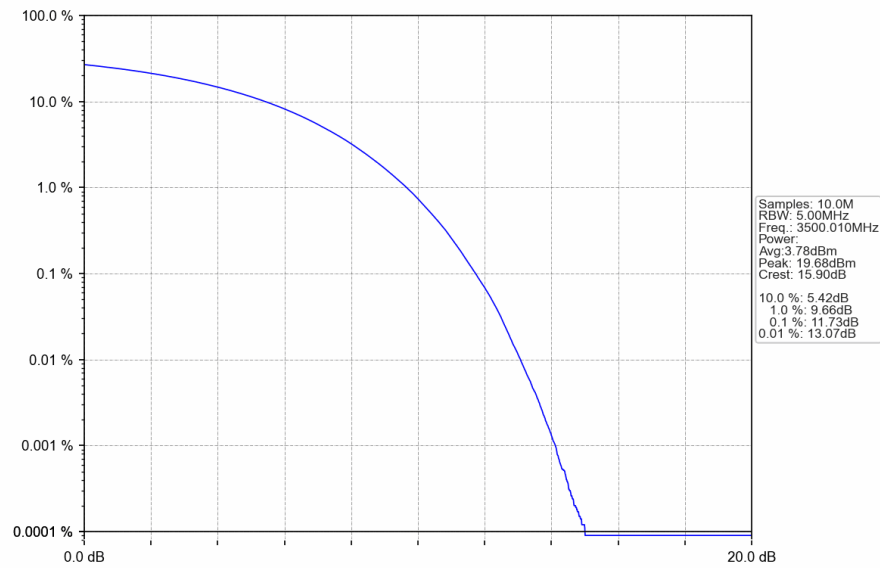
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3510MHz_Outer_Full



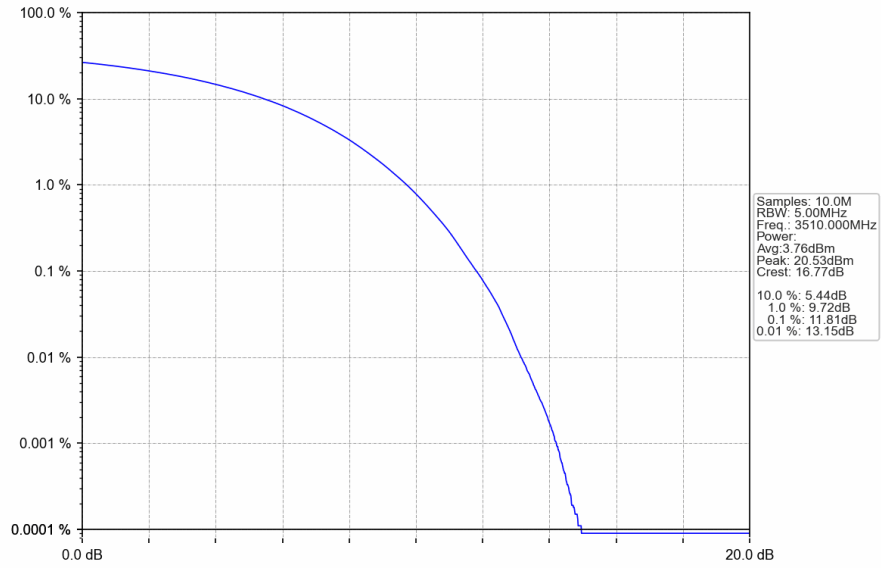
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3490.02MHz_Outer_Full



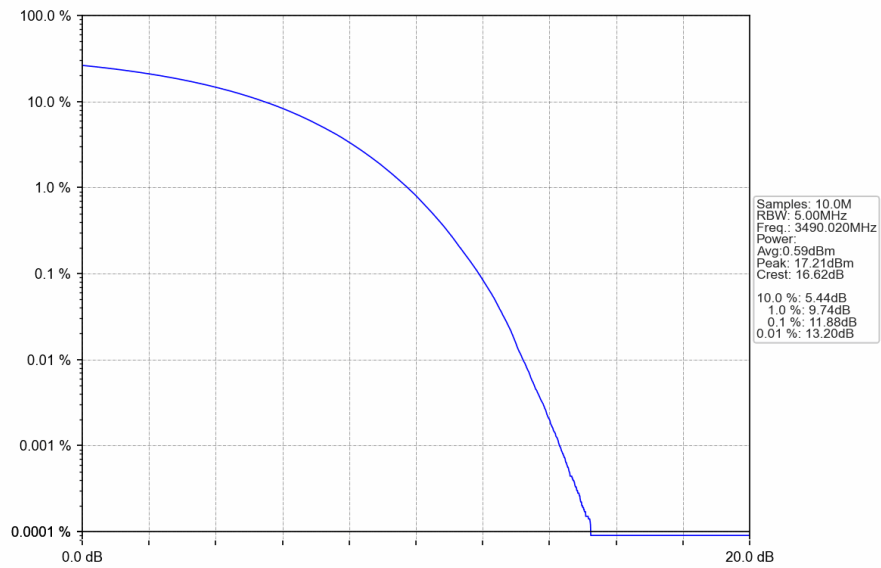
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full



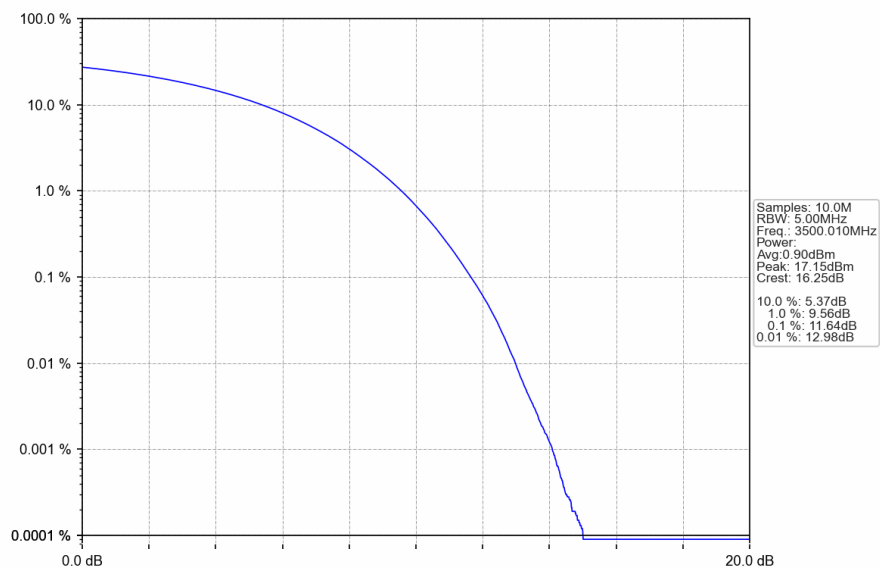
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3510MHz_Outer_Full



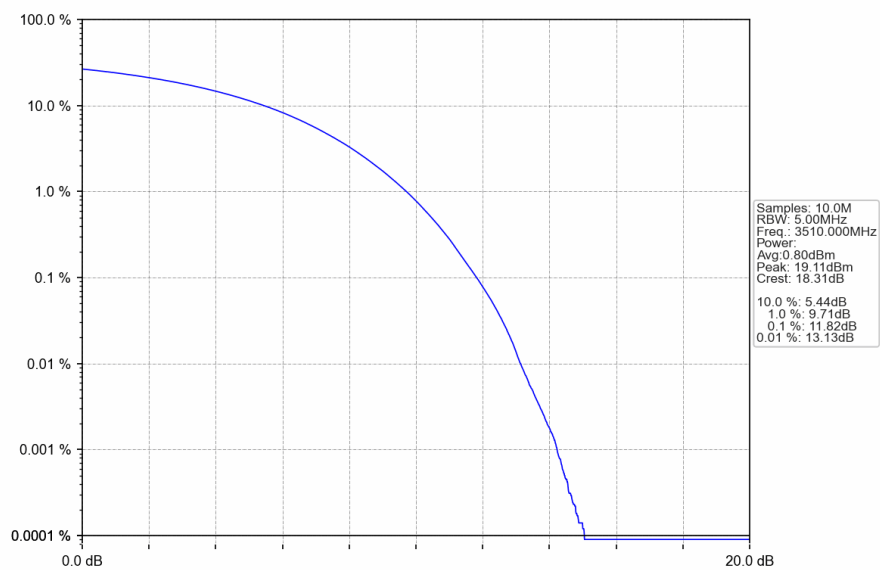
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3490.02MHz_Outer_Full



n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3510MHz_Outer_Full

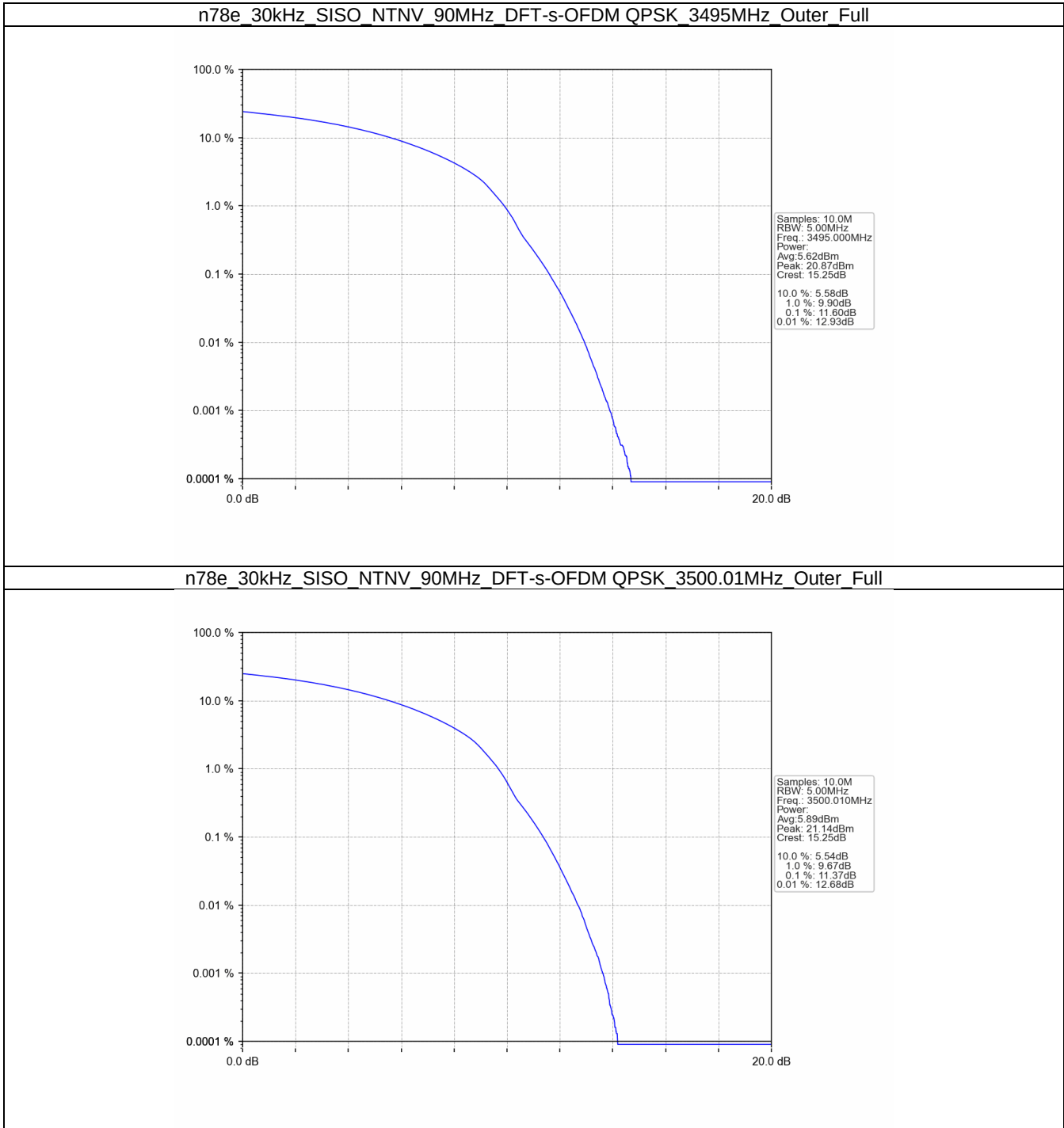


1.8 30k_SISO_90MHz_NTNV

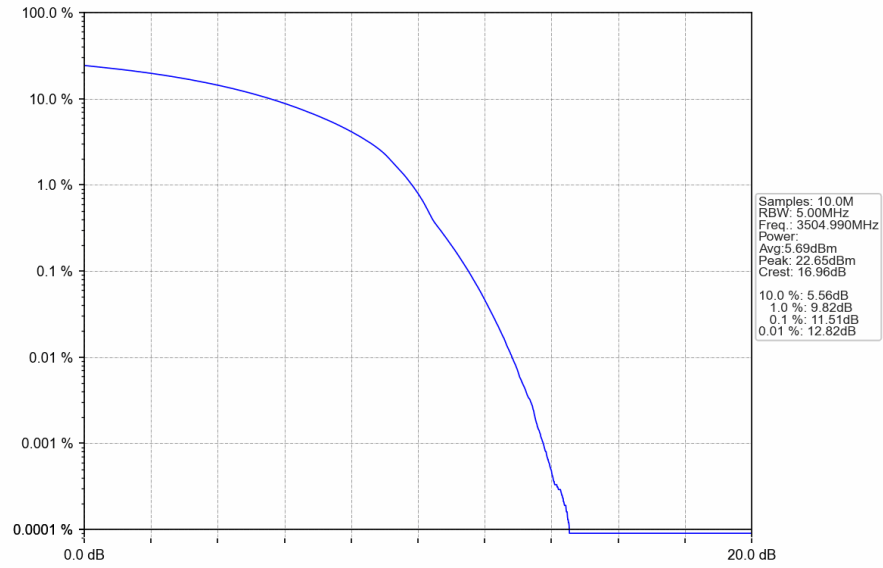
1.8.1 Test Result

5G NR n78e SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3495	Outer_Full	11.60	/	/	<=13	Pass
	3500.01	Outer_Full	11.37	/	/	<=13	Pass
	3504.99	Outer_Full	11.51	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	11.44	/	/	<=13	Pass
	3500.01	Outer_Full	11.48	/	/	<=13	Pass
	3504.99	Outer_Full	11.43	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	11.50	/	/	<=13	Pass
	3500.01	Outer_Full	11.53	/	/	<=13	Pass
	3504.99	Outer_Full	11.53	/	/	<=13	Pass
CP-OFDM QPSK	3495	Outer_Full	11.53	/	/	<=13	Pass
	3500.01	Outer_Full	11.53	/	/	<=13	Pass
	3504.99	Outer_Full	11.72	/	/	<=13	Pass
CP-OFDM 64 QAM	3495	Outer_Full	11.58	/	/	<=13	Pass
	3500.01	Outer_Full	11.67	/	/	<=13	Pass
	3504.99	Outer_Full	11.61	/	/	<=13	Pass
CP-OFDM 256 QAM	3495	Outer_Full	11.83	/	/	<=13	Pass
	3500.01	Outer_Full	11.67	/	/	<=13	Pass
	3504.99	Outer_Full	11.72	/	/	<=13	Pass

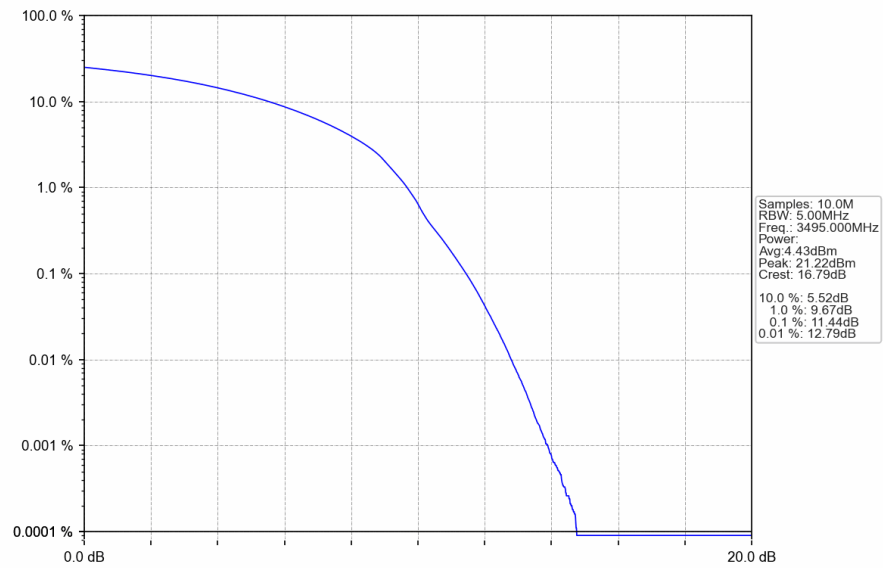
1.8.2 Test Graph



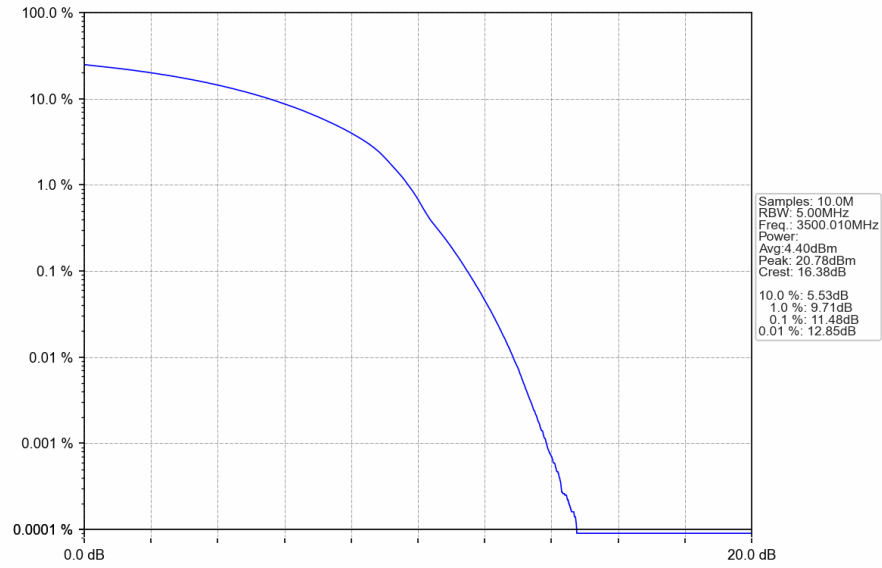
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3504.99MHz_Outer_Full



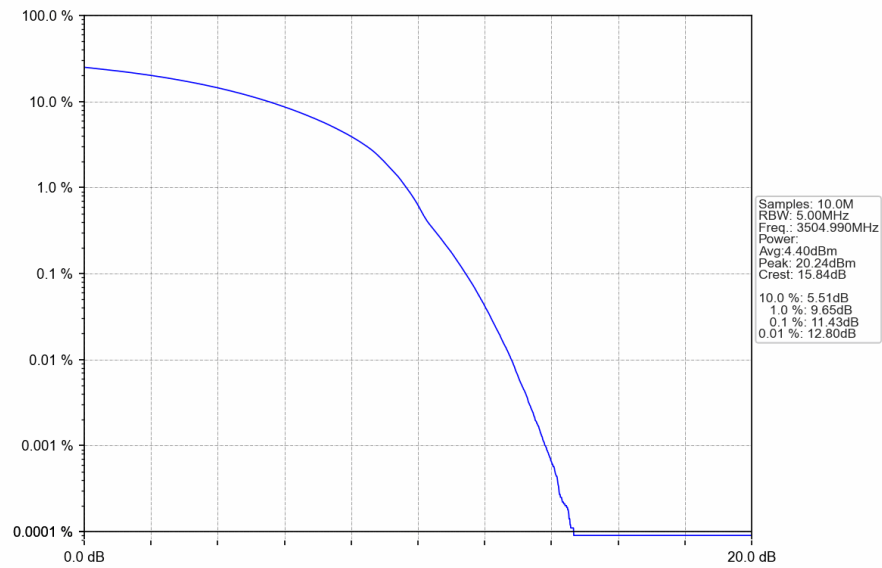
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3495MHz_Outer_Full



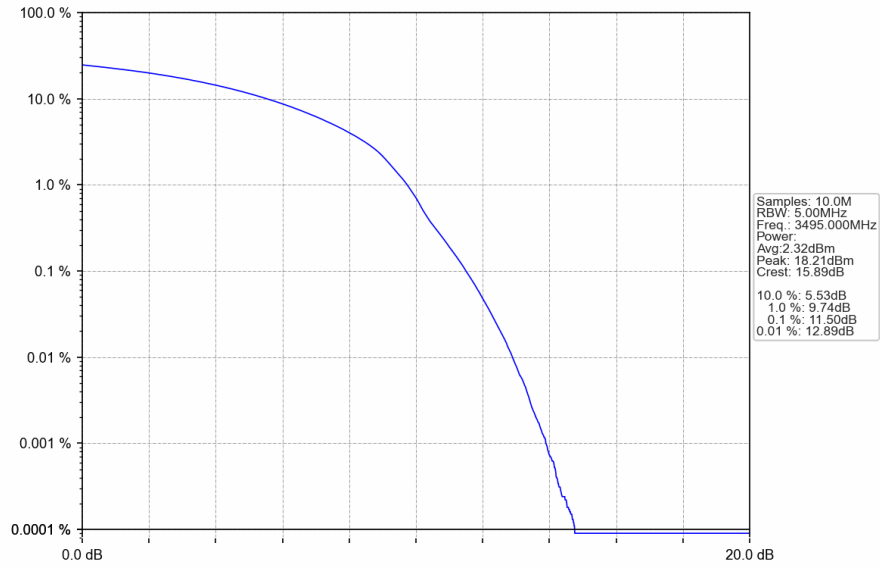
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full



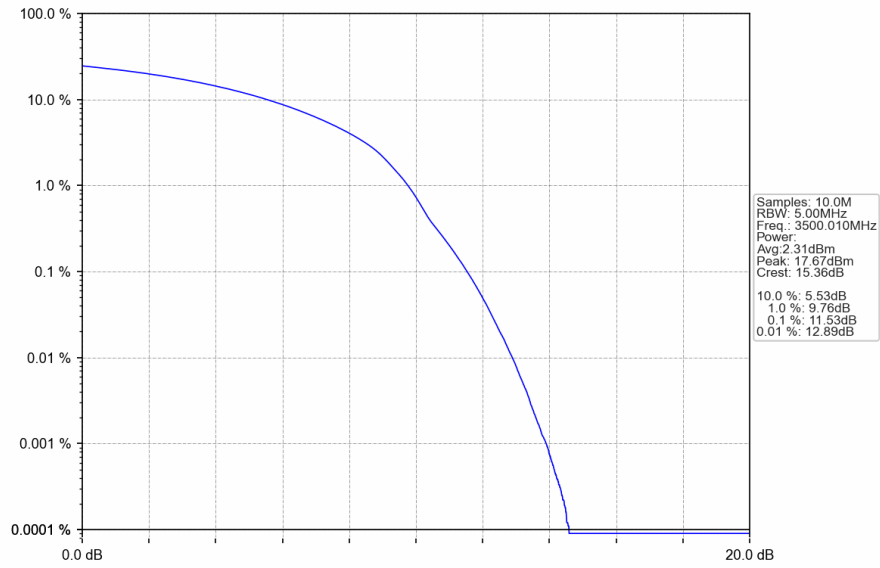
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3504.99MHz_Outer_Full



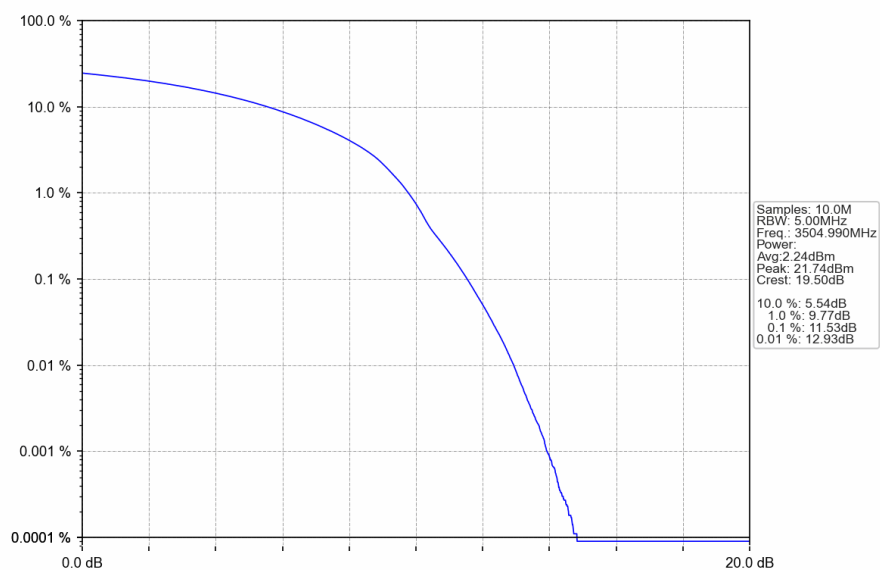
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3495MHz_Outer_Full



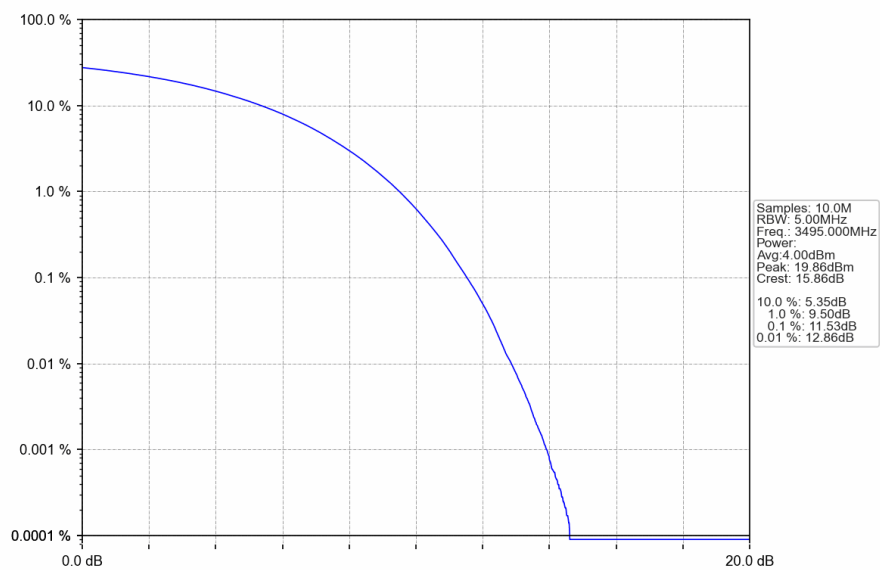
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full



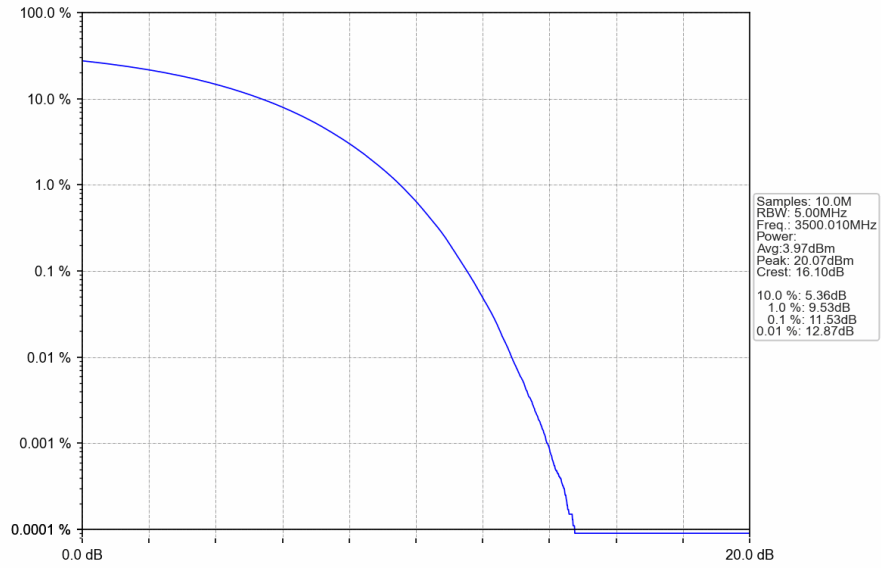
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3504.99MHz_Outer_Full



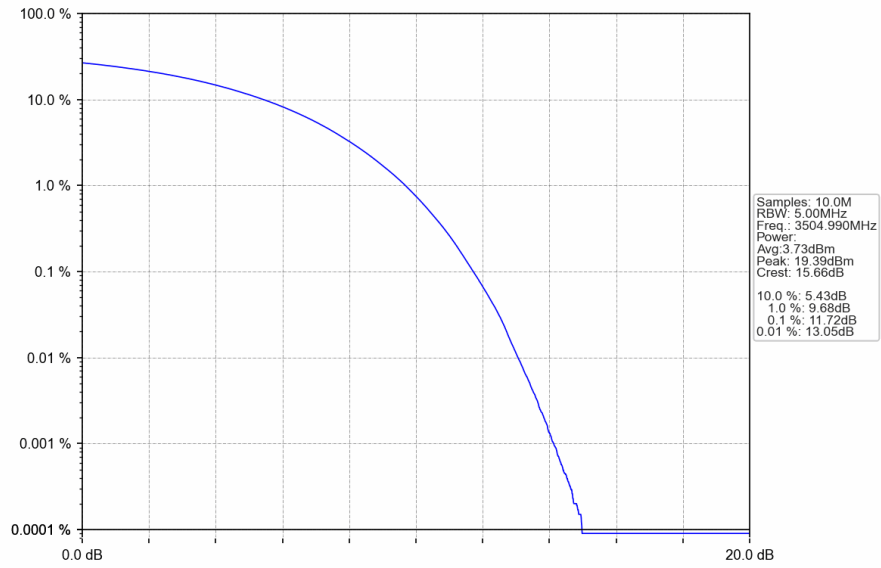
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Outer_Full



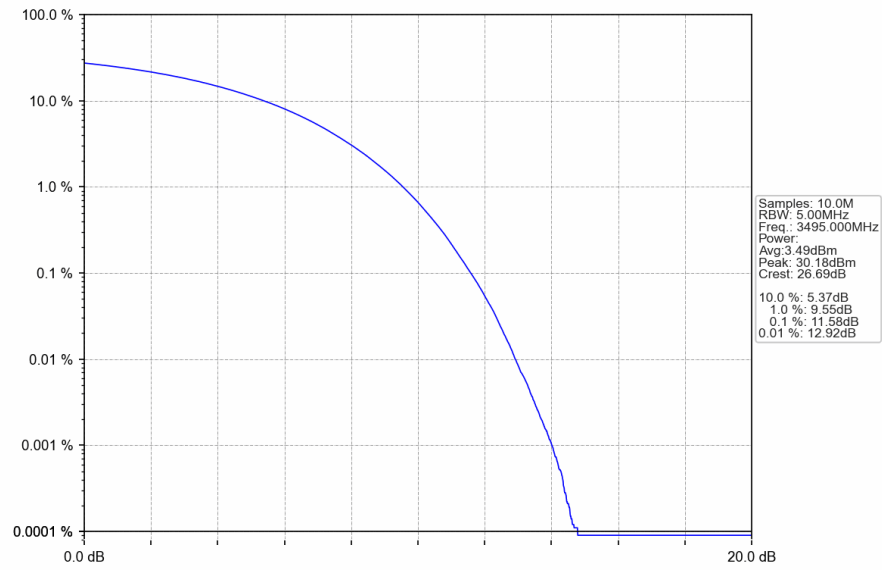
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full



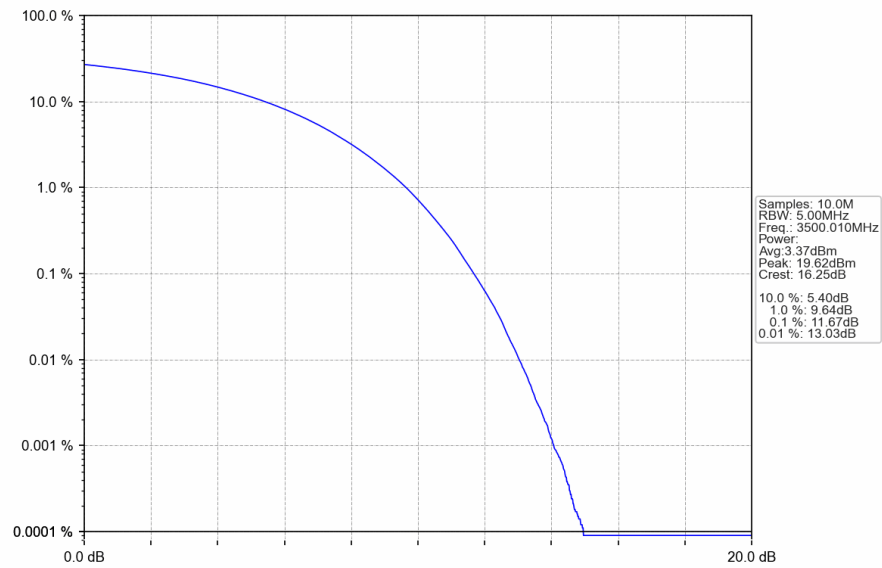
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3504.99MHz_Outer_Full



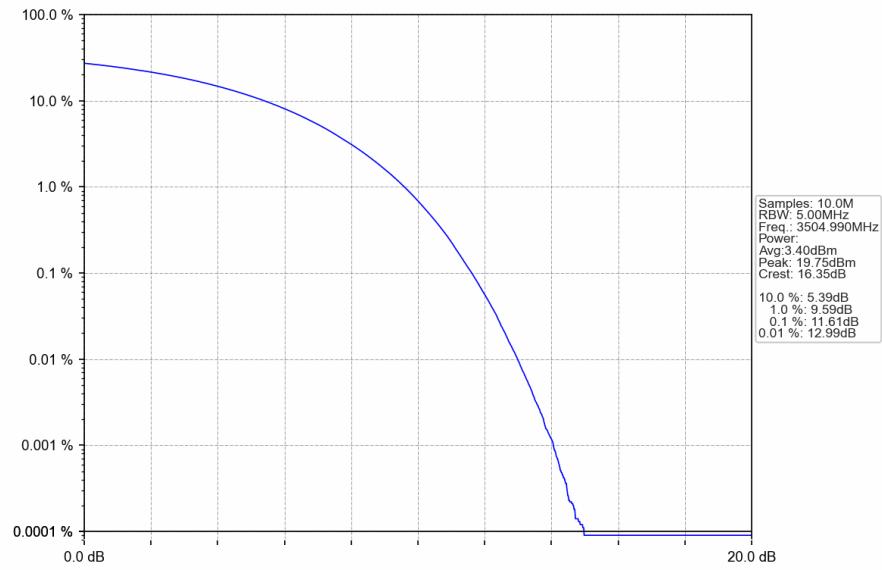
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3495MHz_Outer_Full



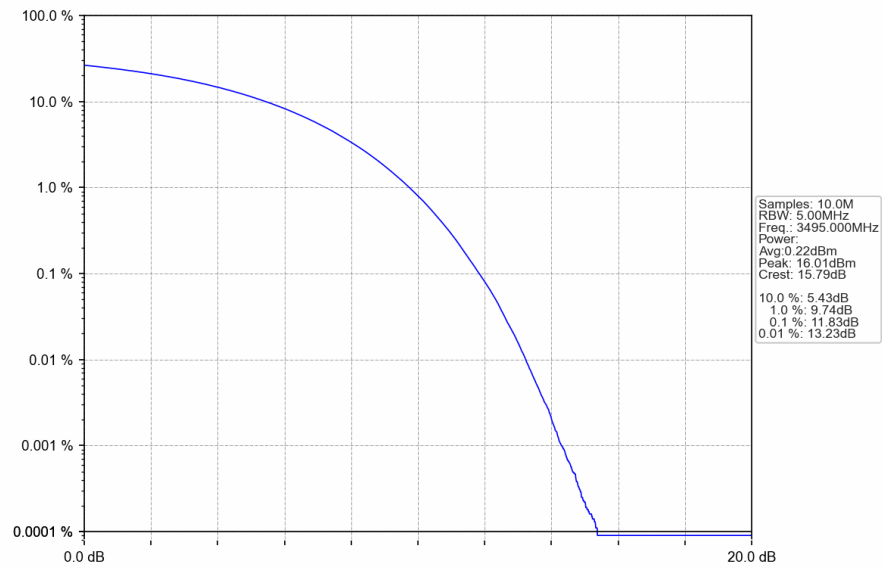
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full



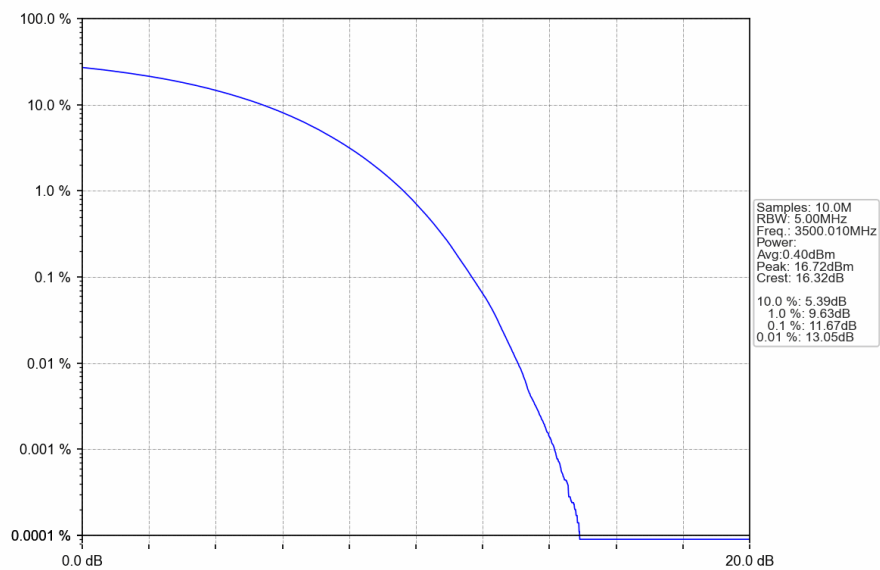
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3504.99MHz_Outer_Full



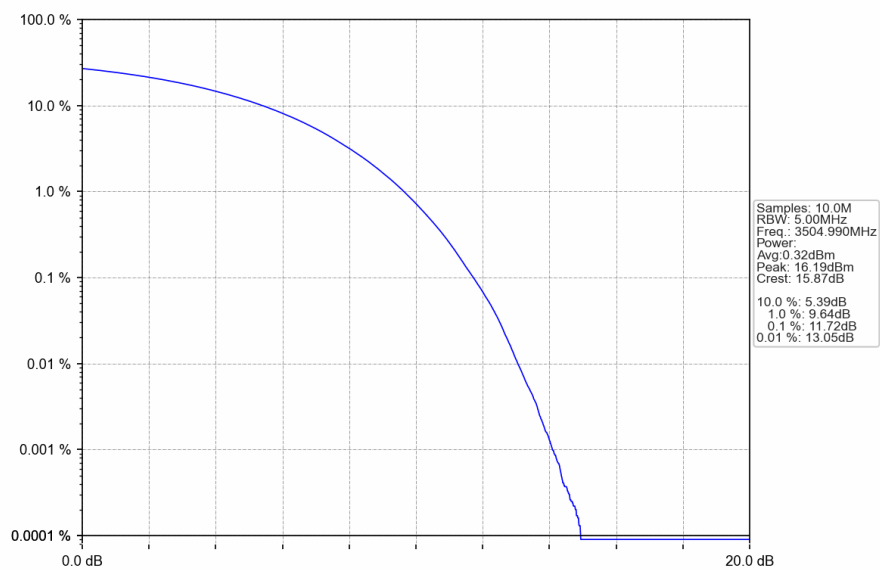
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3495MHz_Outer_Full



n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3504.99MHz_Outer_Full

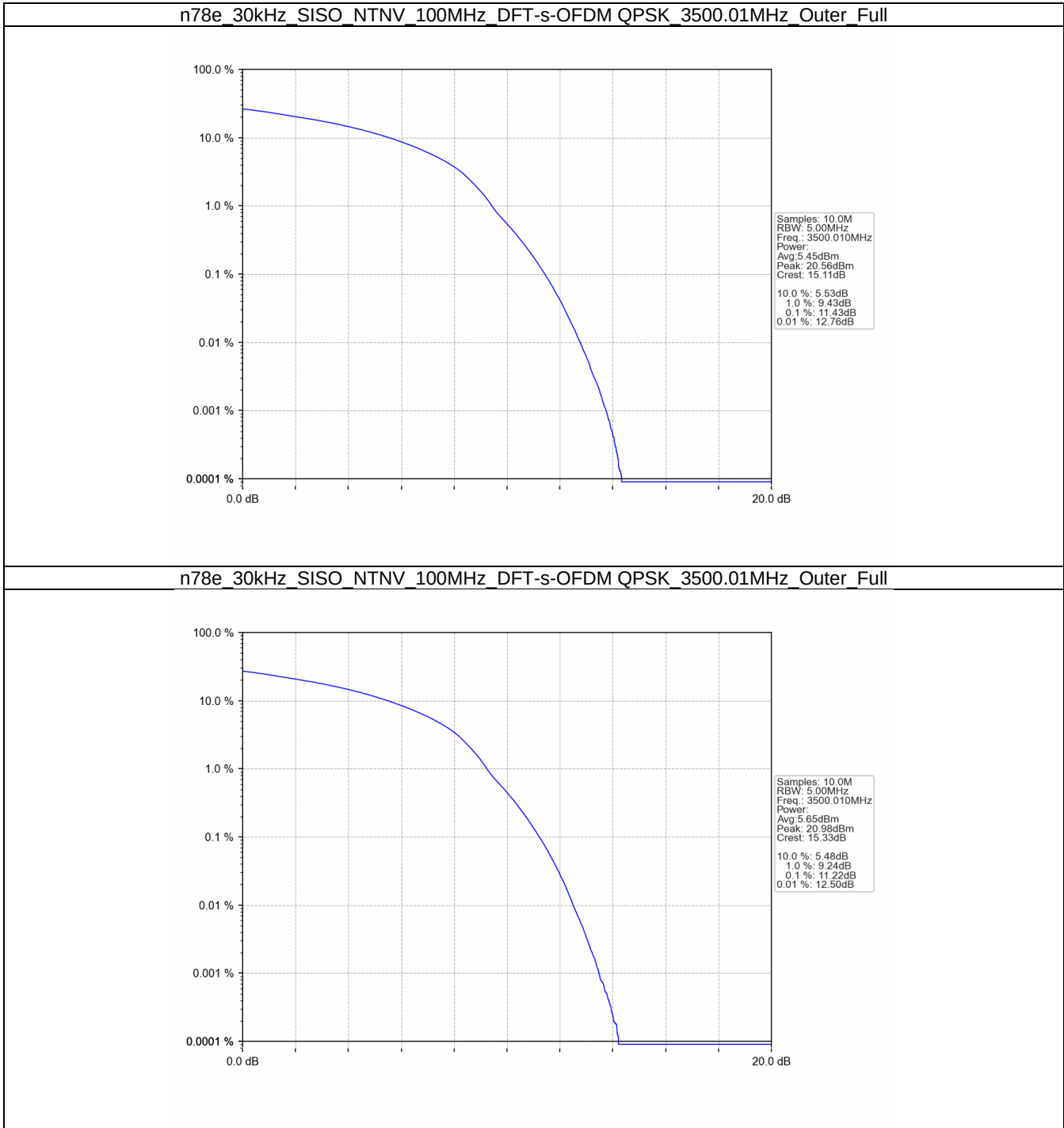


1.9 30k_SISO_100MHz_NTNV

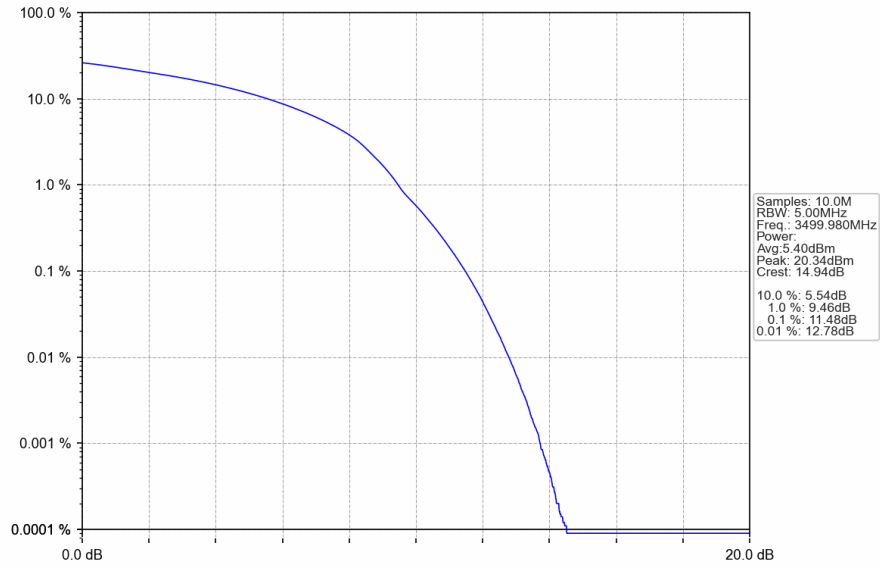
1.9.1 Test Result

5G NR n78e SCS=30kHz SISO 100MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	11.43	/	/	<=13	Pass
	3500.01	Outer_Full	11.22	/	/	<=13	Pass
	3499.98	Outer_Full	11.48	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	11.65	/	/	<=13	Pass
	3500.01	Outer_Full	11.59	/	/	<=13	Pass
	3499.98	Outer_Full	11.48	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	11.16	/	/	<=13	Pass
	3500.01	Outer_Full	11.26	/	/	<=13	Pass
	3499.98	Outer_Full	11.53	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	11.86	/	/	<=13	Pass
	3500.01	Outer_Full	11.86	/	/	<=13	Pass
	3499.98	Outer_Full	11.65	/	/	<=13	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	11.80	/	/	<=13	Pass
	3500.01	Outer_Full	12.12	/	/	<=13	Pass
	3499.98	Outer_Full	11.82	/	/	<=13	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	11.59	/	/	<=13	Pass
	3500.01	Outer_Full	11.70	/	/	<=13	Pass
	3499.98	Outer_Full	11.66	/	/	<=13	Pass

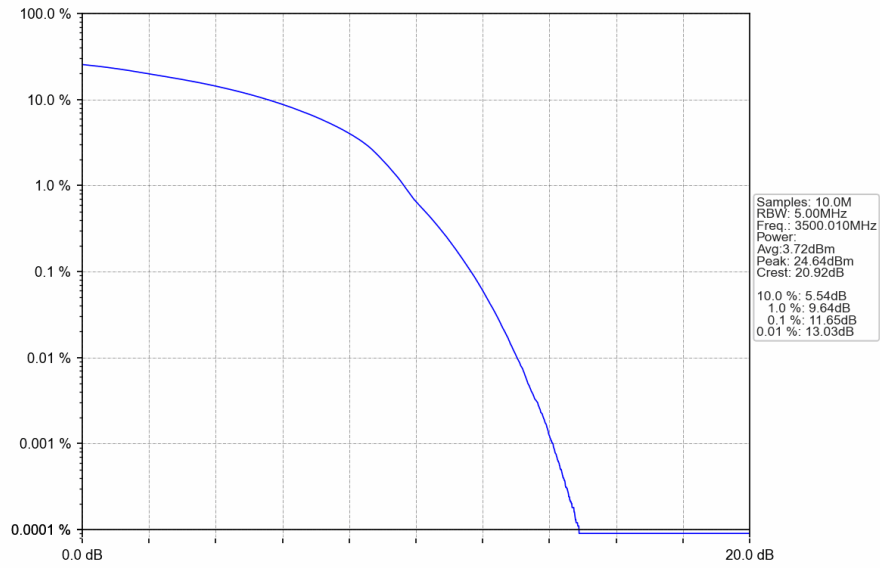
1.9.2 Test Graph



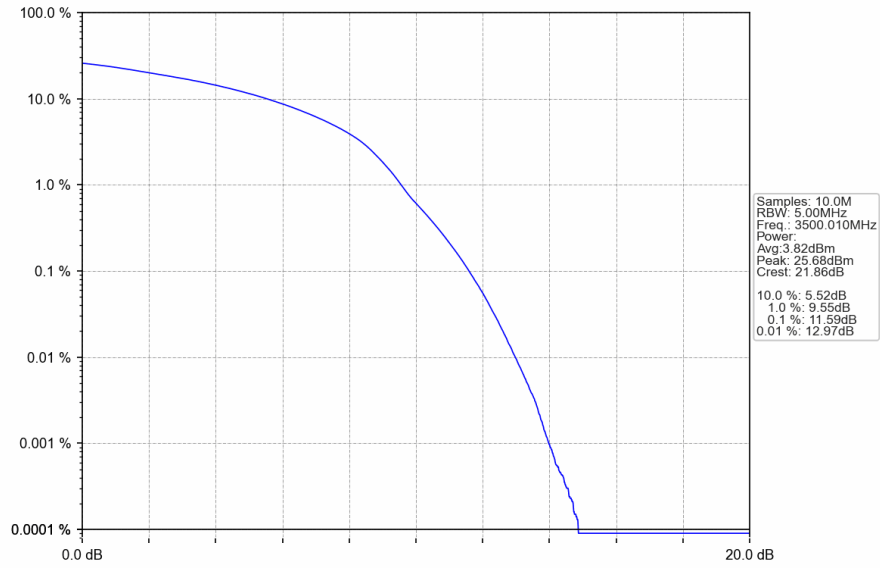
n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3499.98MHz_Outer_Full



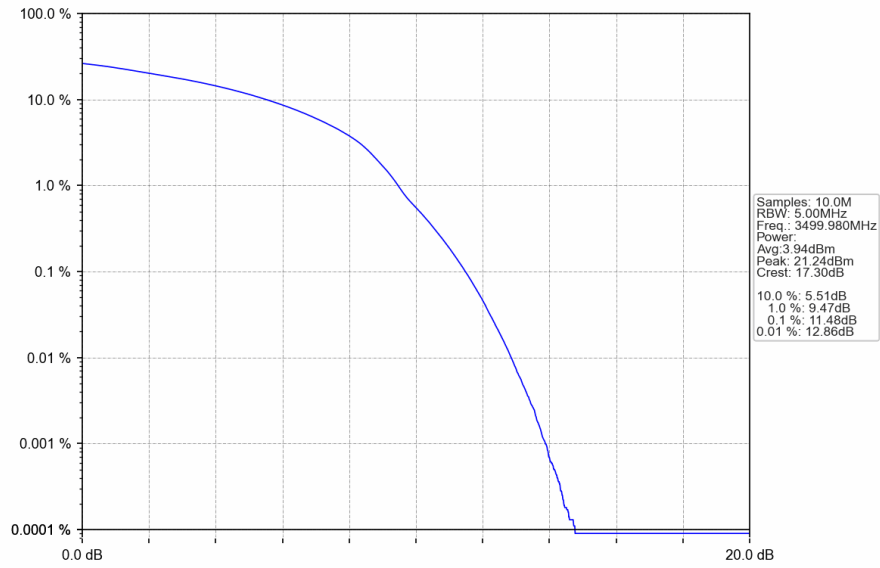
n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full



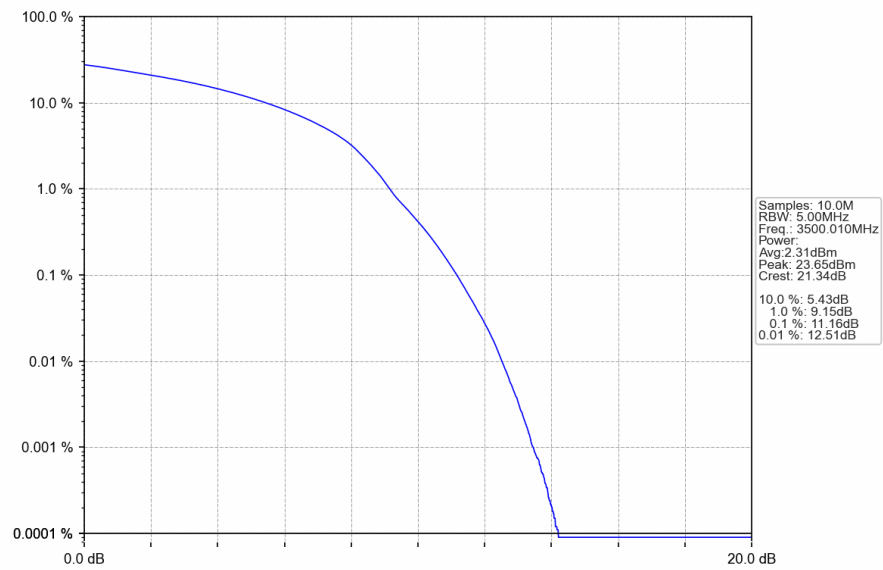
n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full



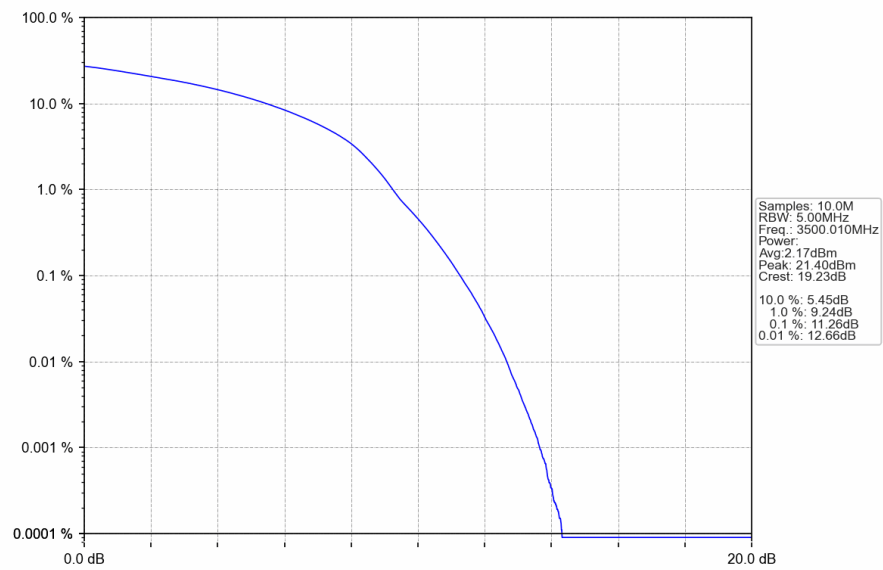
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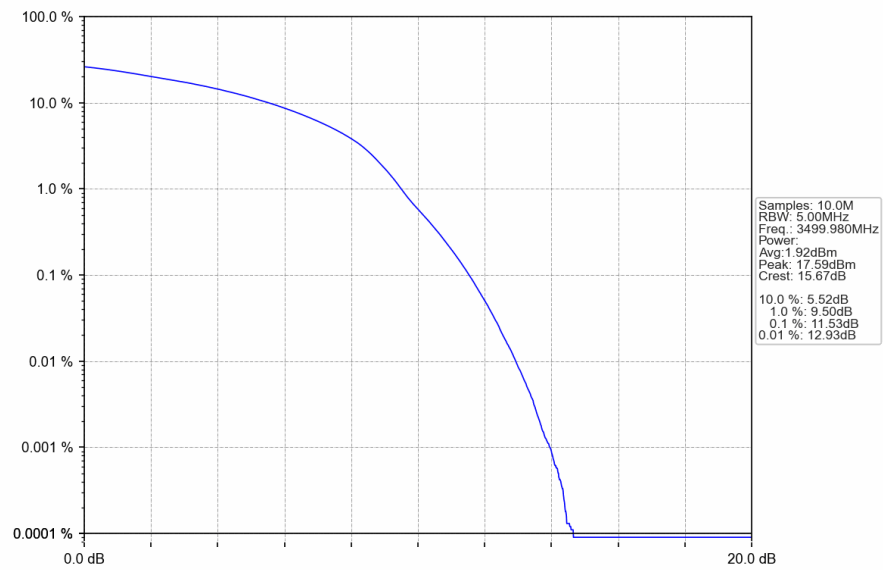
n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full



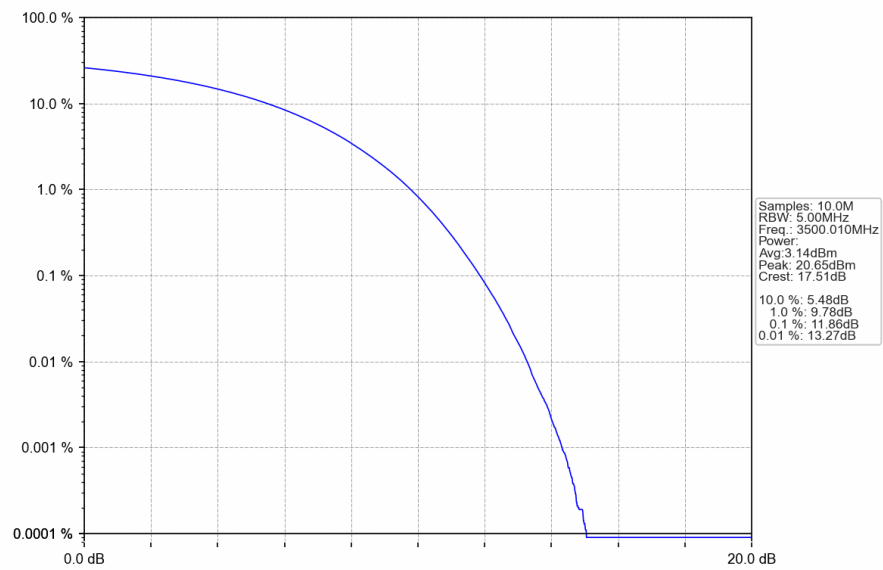
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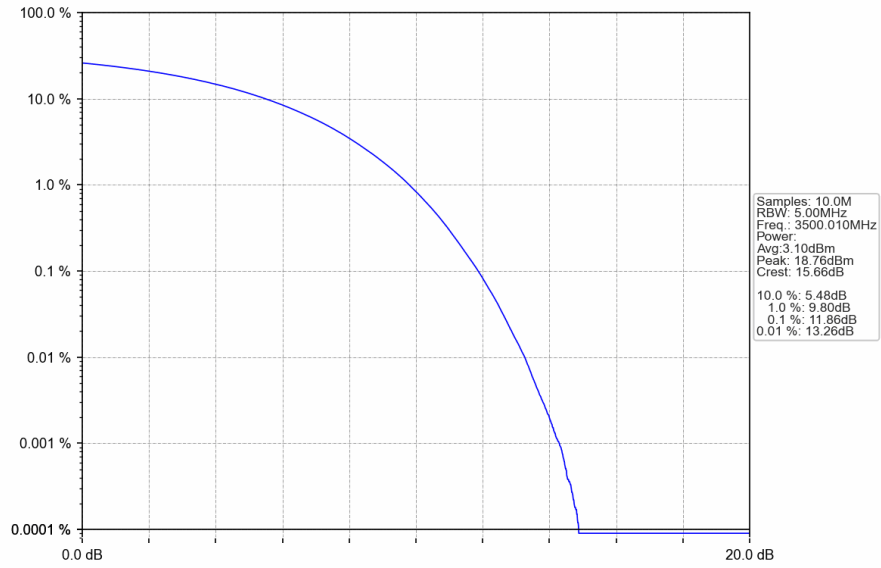
n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3499.98MHz_Outer_Full



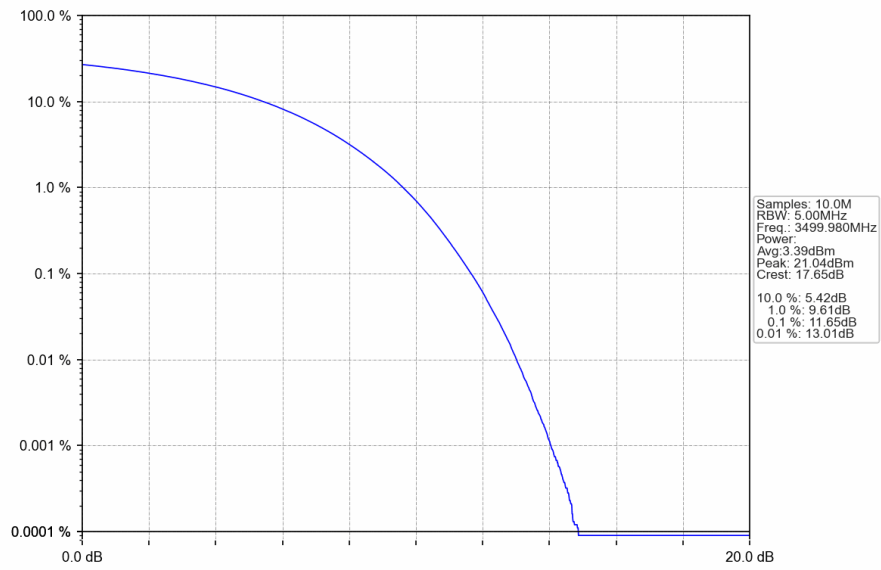
n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full



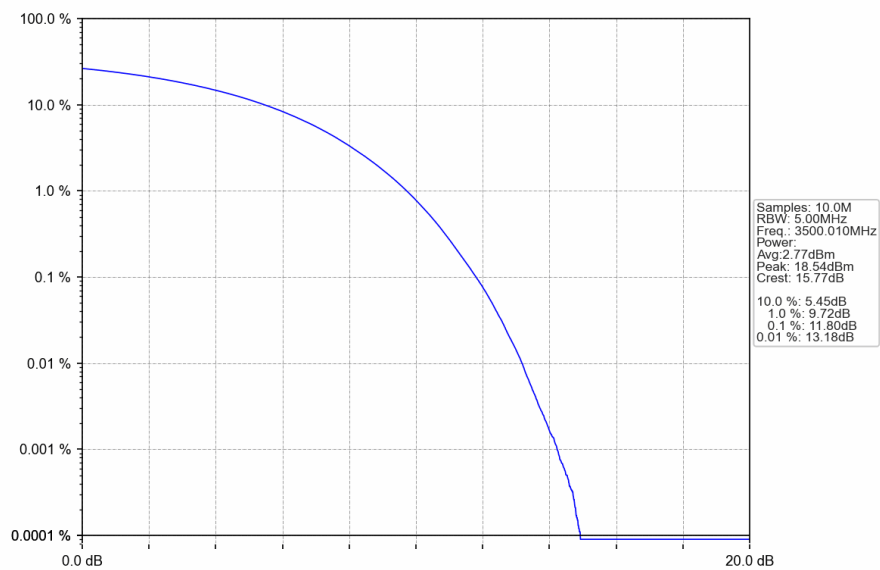
n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full



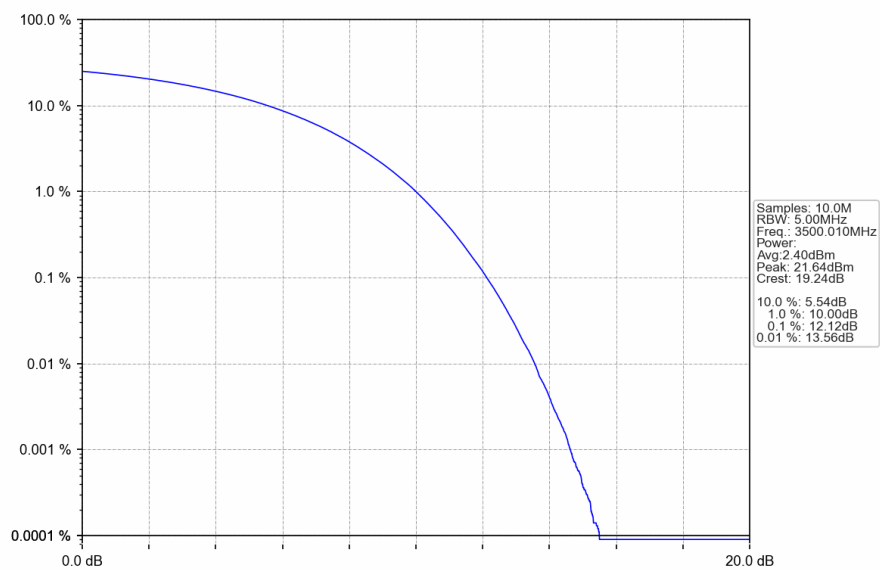
n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Outer_Full



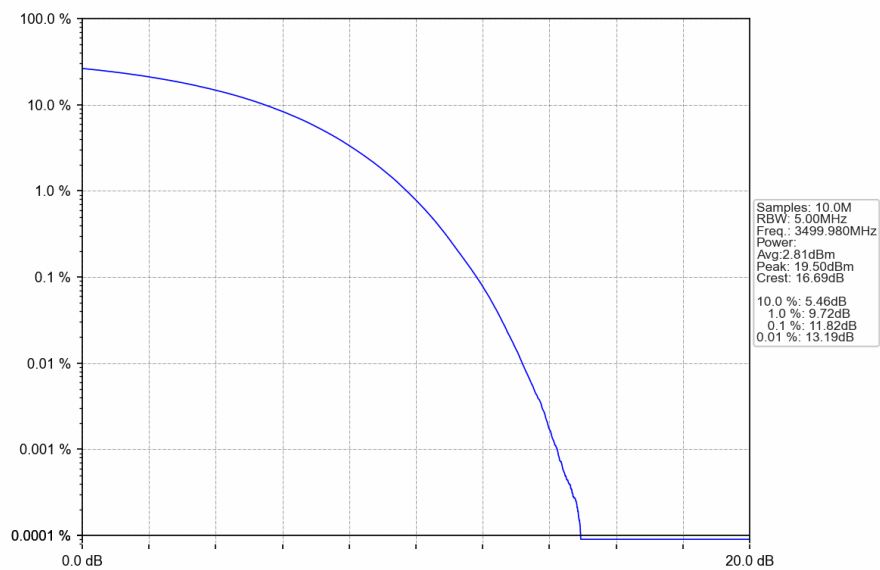
n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full



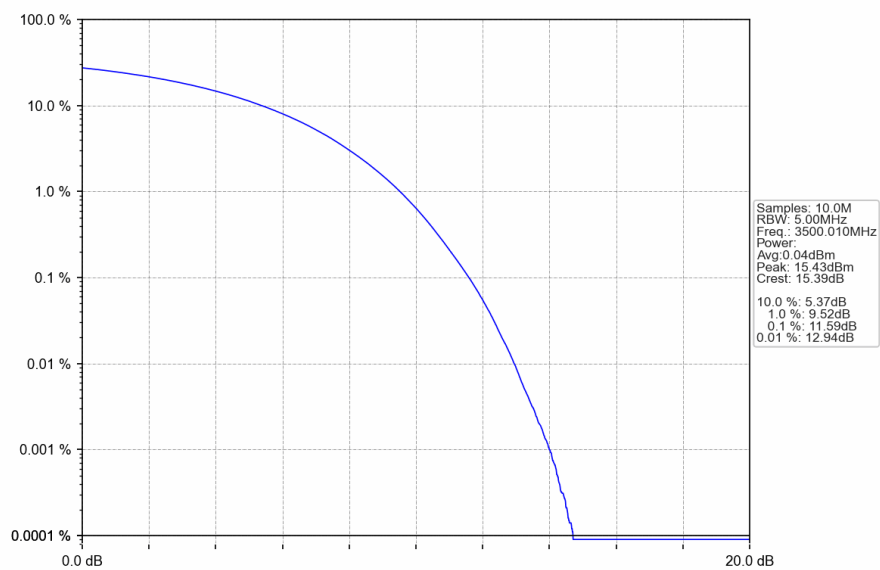
n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full



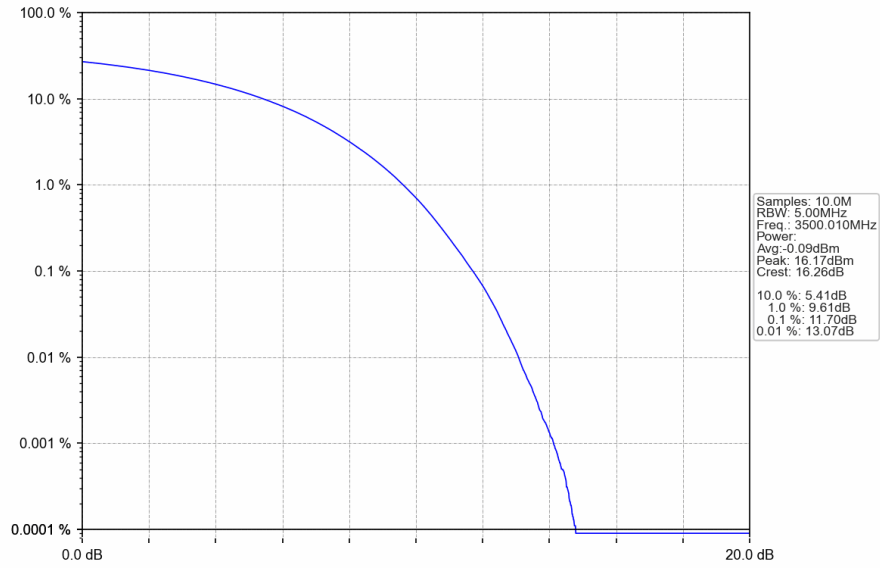
n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3499.98MHz_Outer_Full



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3499.98MHz_Outer_Full

