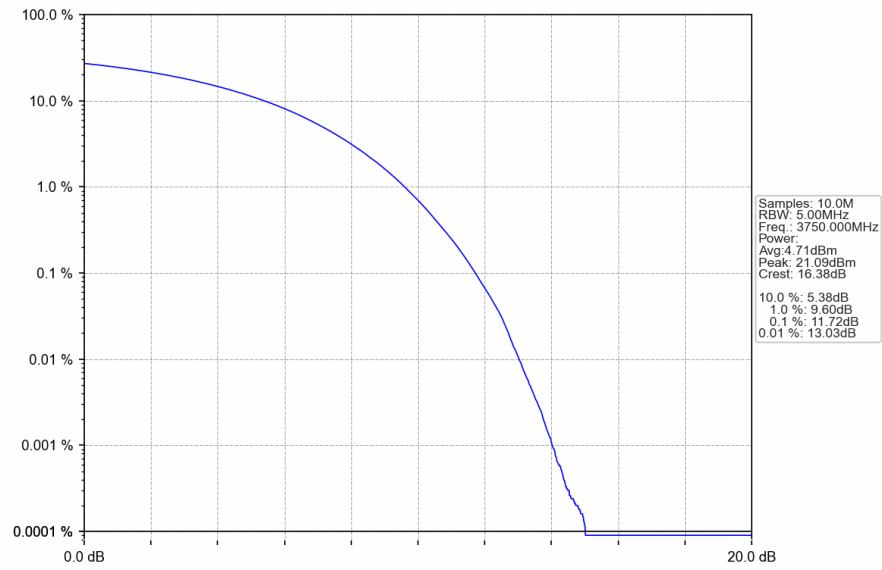
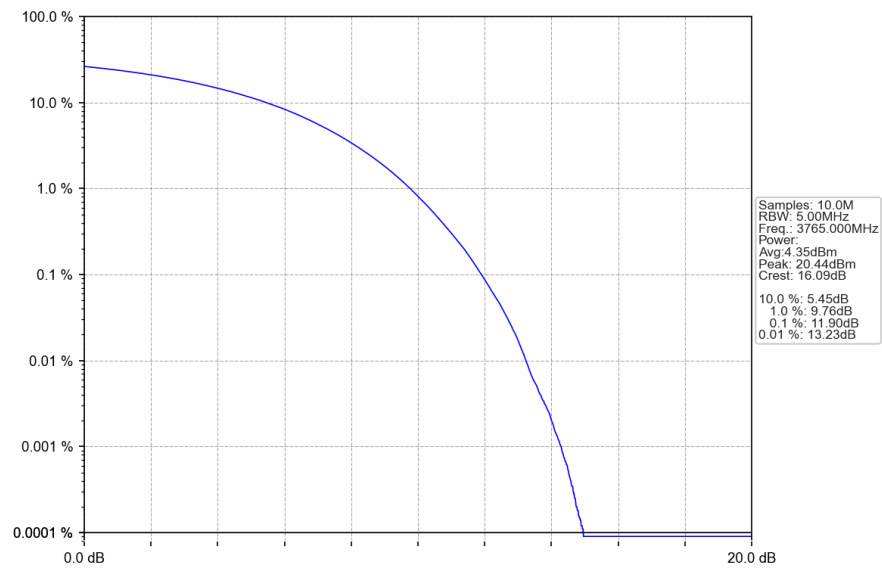


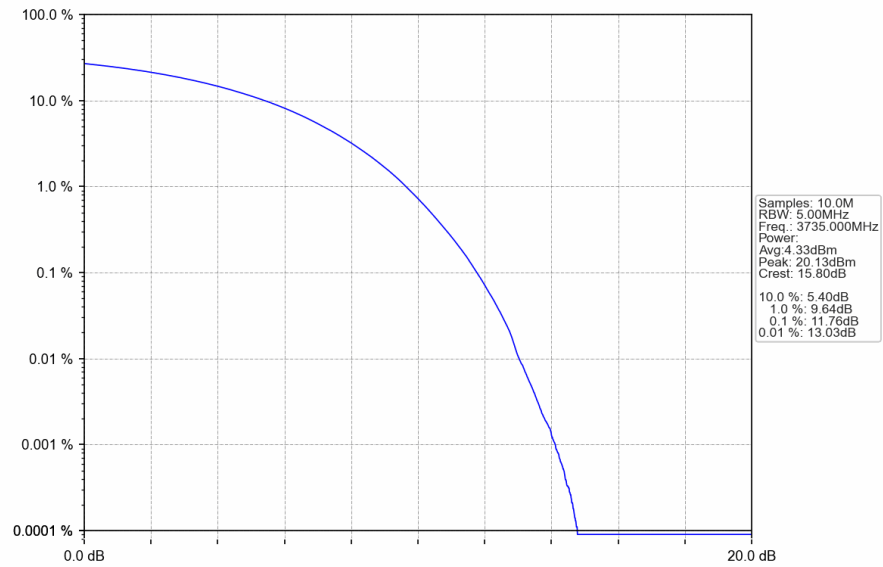
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



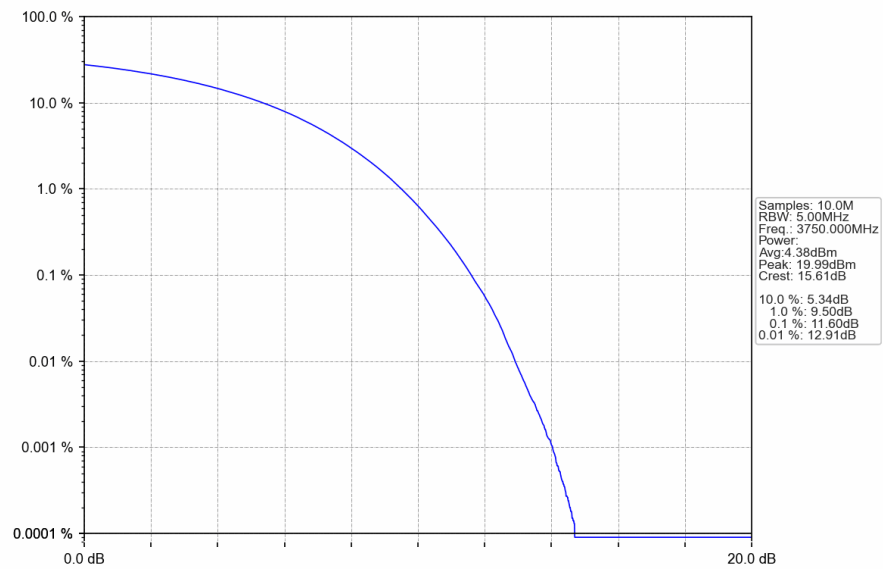
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3765MHz_Outer_Full



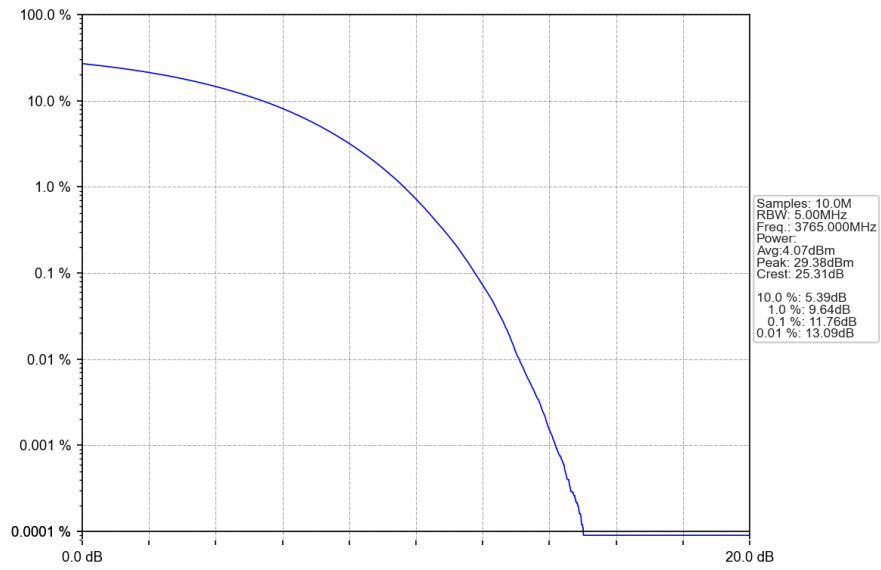
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3735MHz_Outer_Full



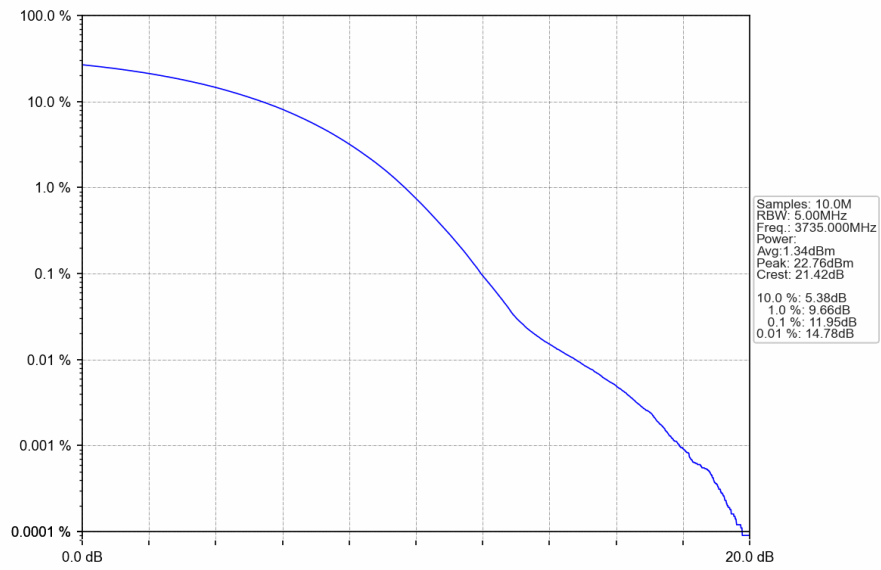
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



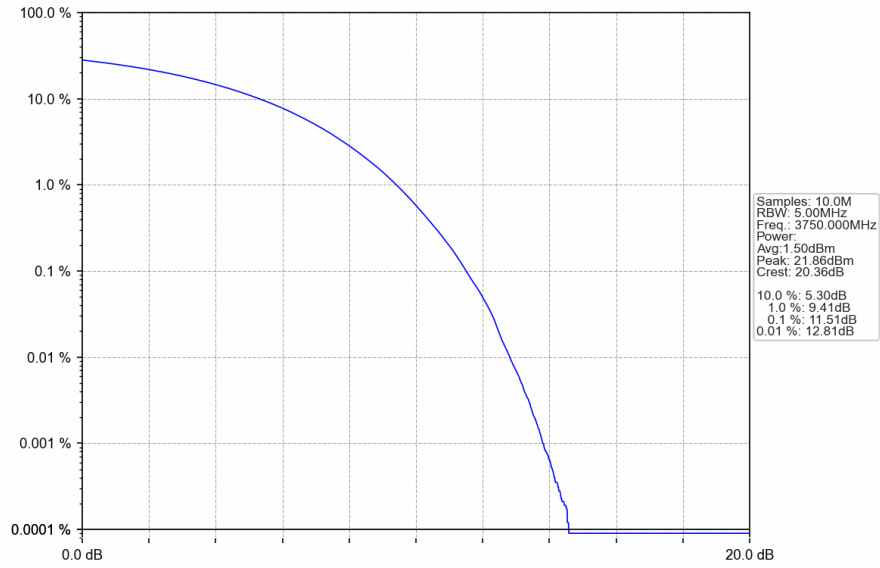
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3765MHz_Outer_Full



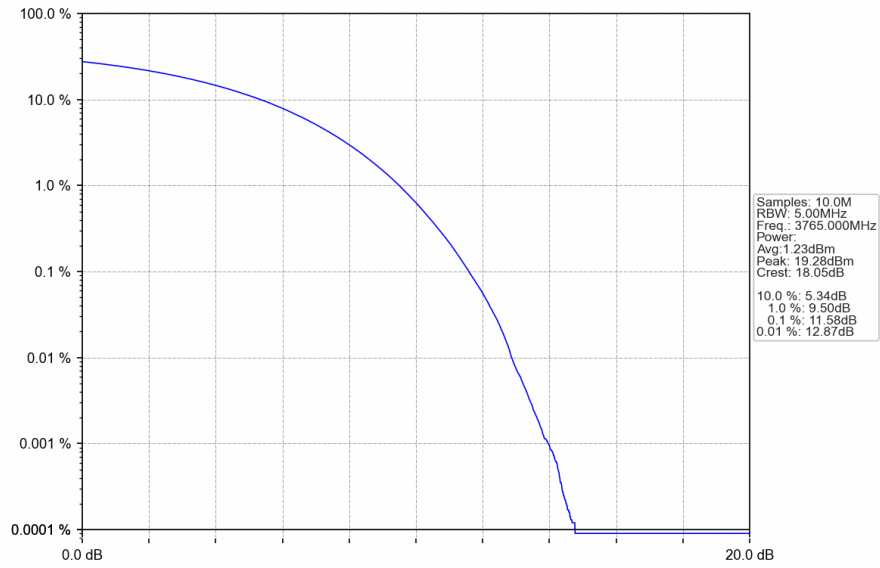
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3735MHz_Outer_Full



n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full



n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3765MHz_Outer_Full

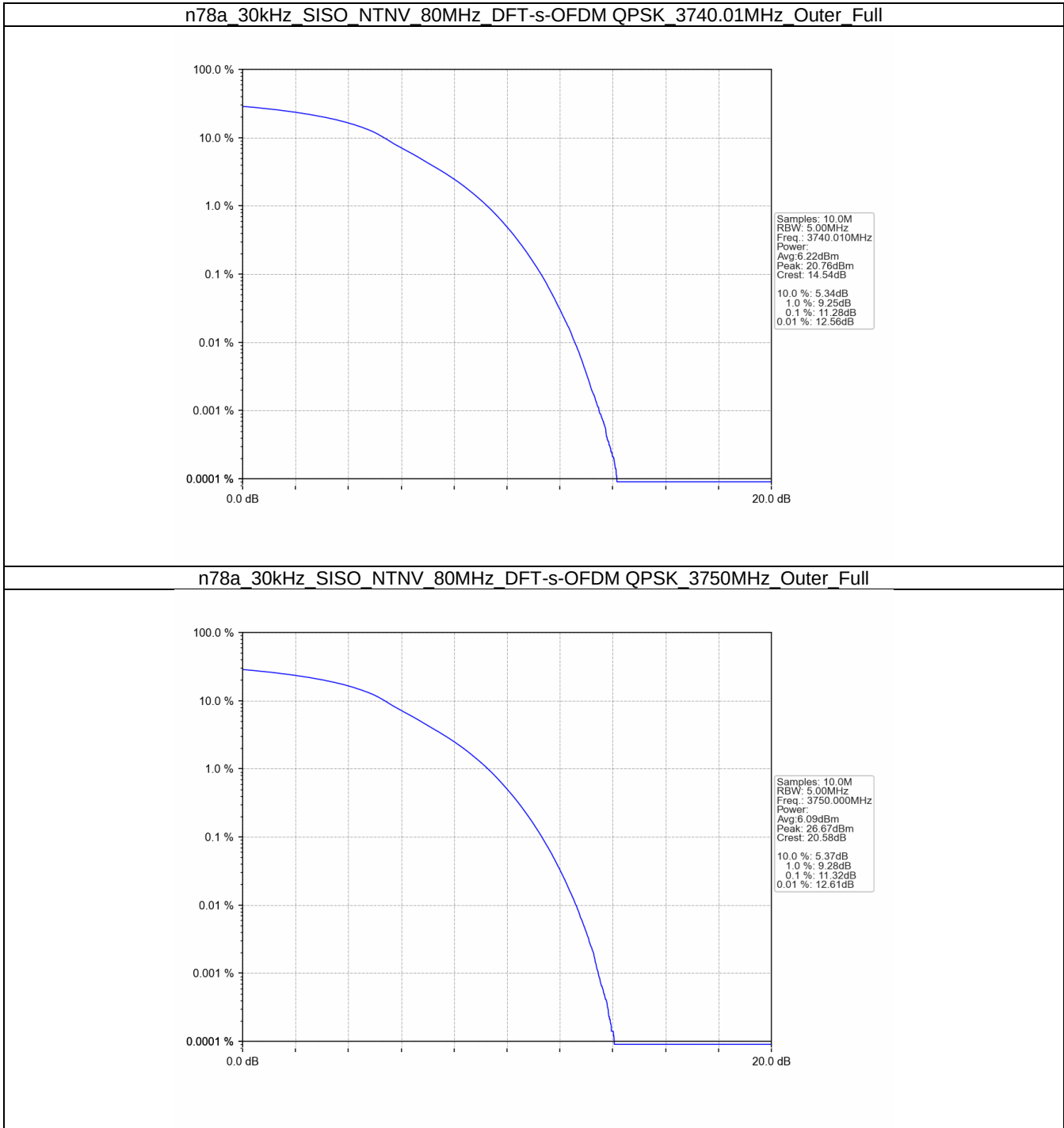


1.7 30k_SISO_80MHz_NTNV

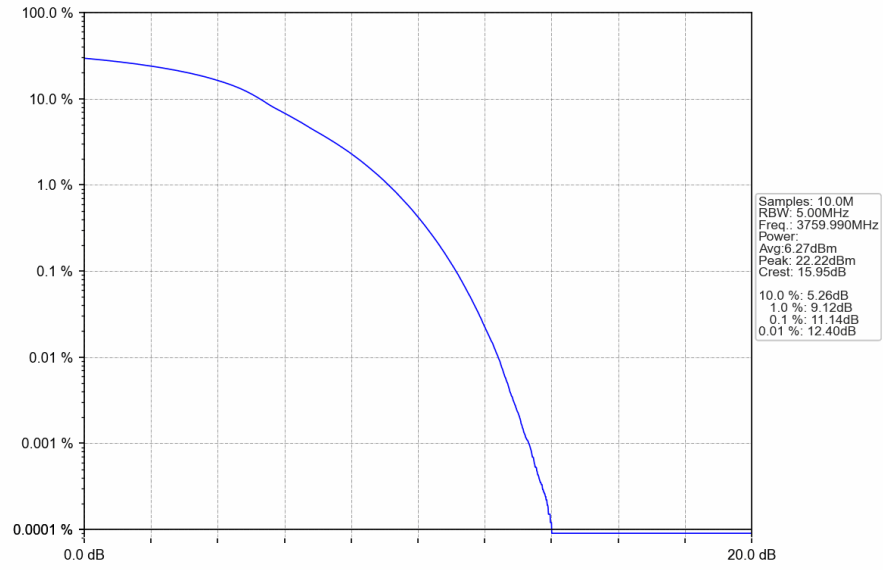
1.7.1 Test Result

5G NR n78a SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3740.01	Outer_Full	11.28	/	/	<=13	Pass
	3750	Outer_Full	11.32	/	/	<=13	Pass
	3759.99	Outer_Full	11.14	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	11.57	/	/	<=13	Pass
	3750	Outer_Full	11.46	/	/	<=13	Pass
	3759.99	Outer_Full	11.51	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	11.42	/	/	<=13	Pass
	3750	Outer_Full	11.30	/	/	<=13	Pass
	3759.99	Outer_Full	11.44	/	/	<=13	Pass
CP-OFDM QPSK	3740.01	Outer_Full	11.68	/	/	<=13	Pass
	3750	Outer_Full	11.67	/	/	<=13	Pass
	3759.99	Outer_Full	11.80	/	/	<=13	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	11.65	/	/	<=13	Pass
	3750	Outer_Full	11.82	/	/	<=13	Pass
	3759.99	Outer_Full	11.67	/	/	<=13	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	11.78	/	/	<=13	Pass
	3750	Outer_Full	11.62	/	/	<=13	Pass
	3759.99	Outer_Full	11.80	/	/	<=13	Pass

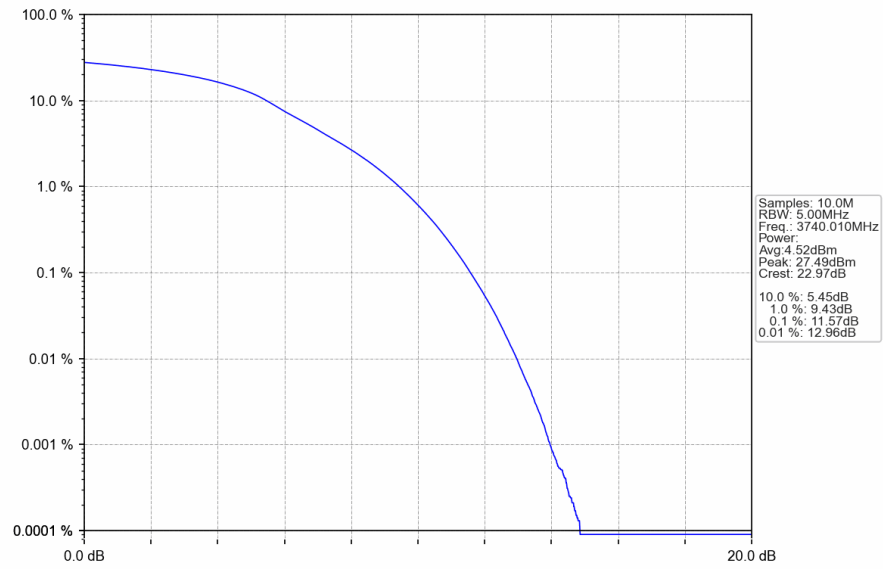
1.7.2 Test Graph



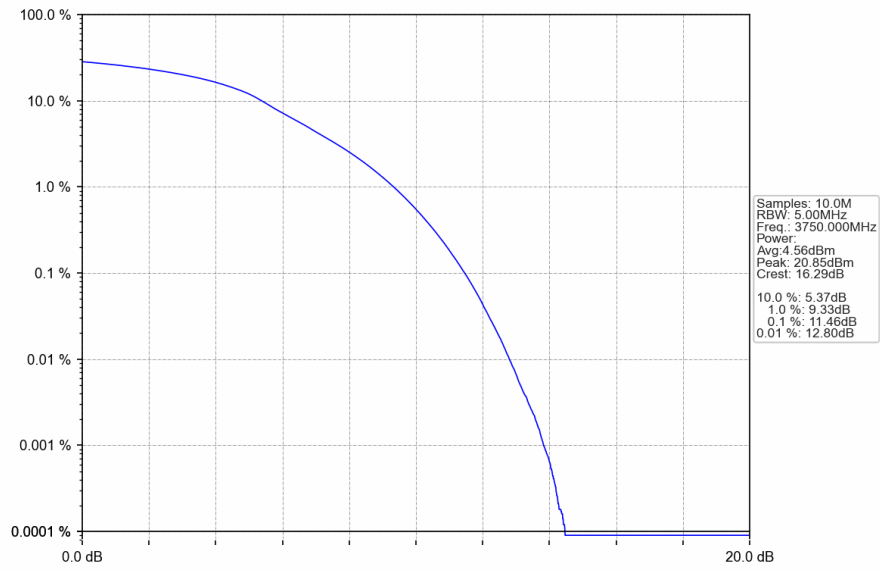
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3759.99MHz_Outer_Full



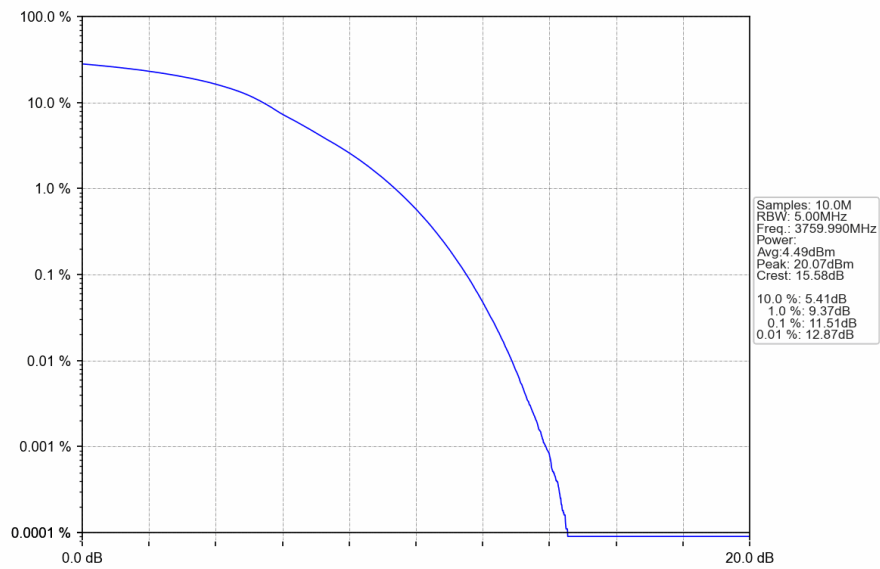
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3740.01MHz_Outer_Full



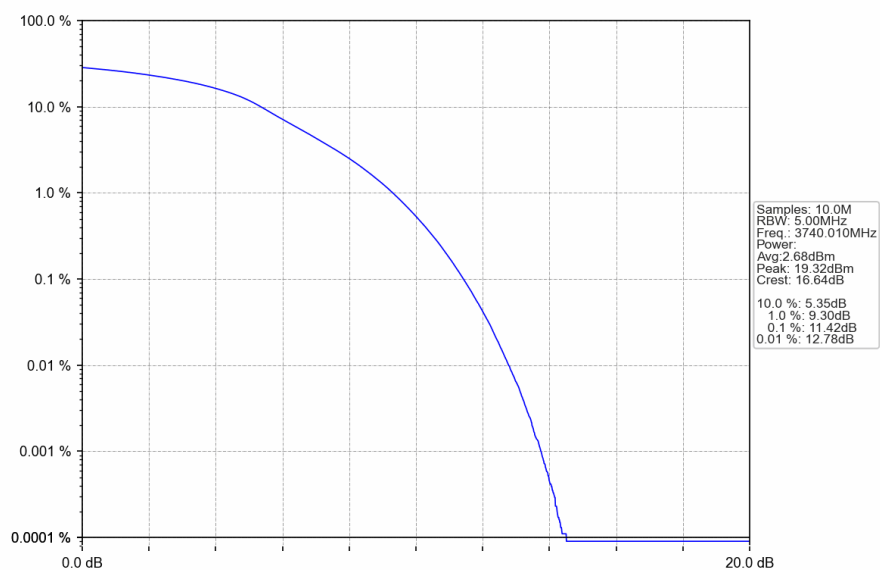
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



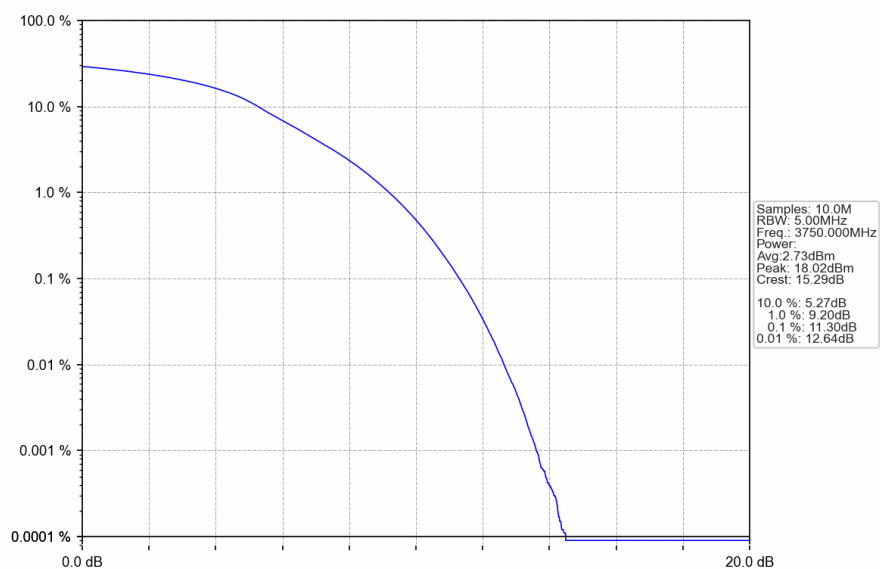
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3759.99MHz_Outer_Full



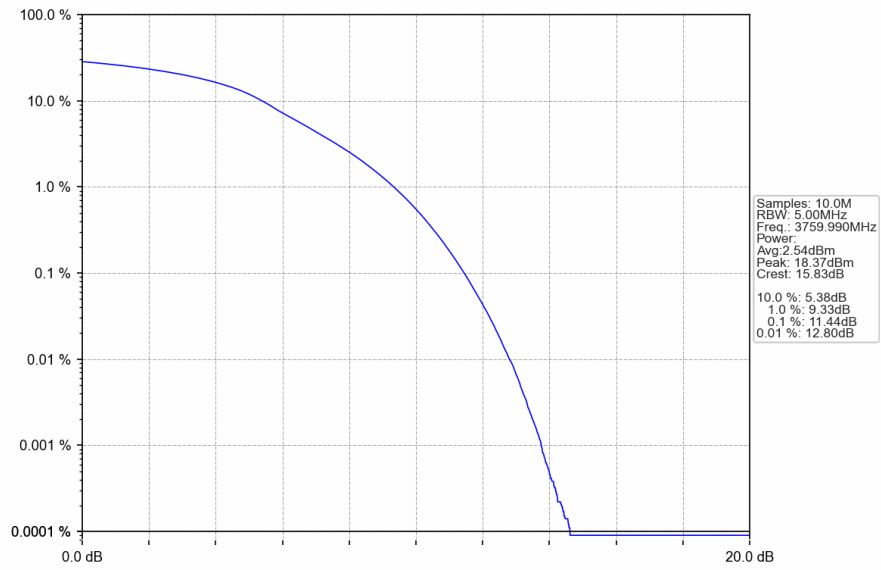
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3740.01MHz_Outer_Full



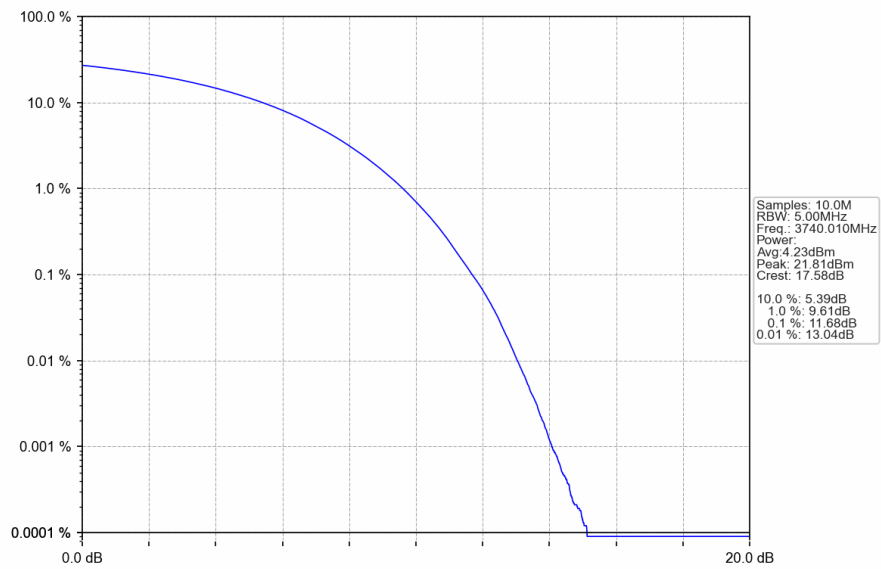
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



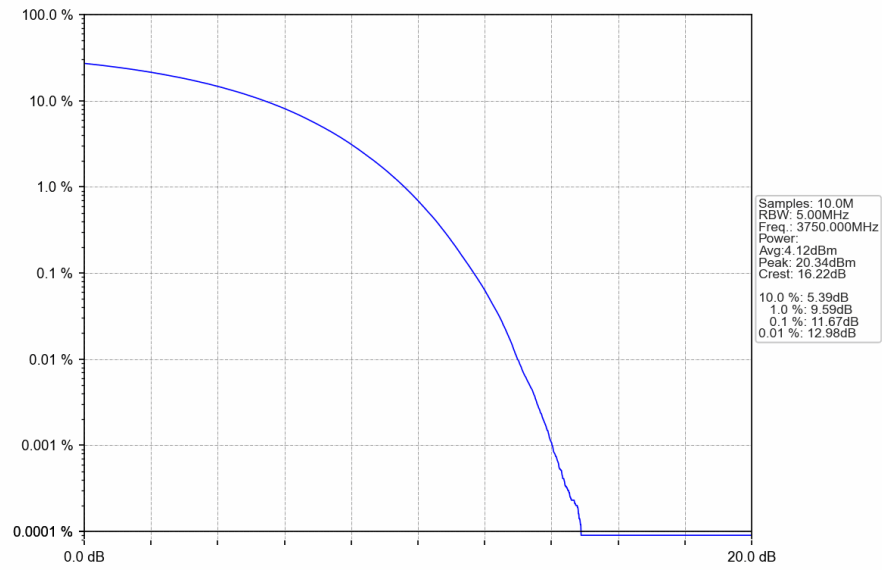
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3759.99MHz_Outer_Full



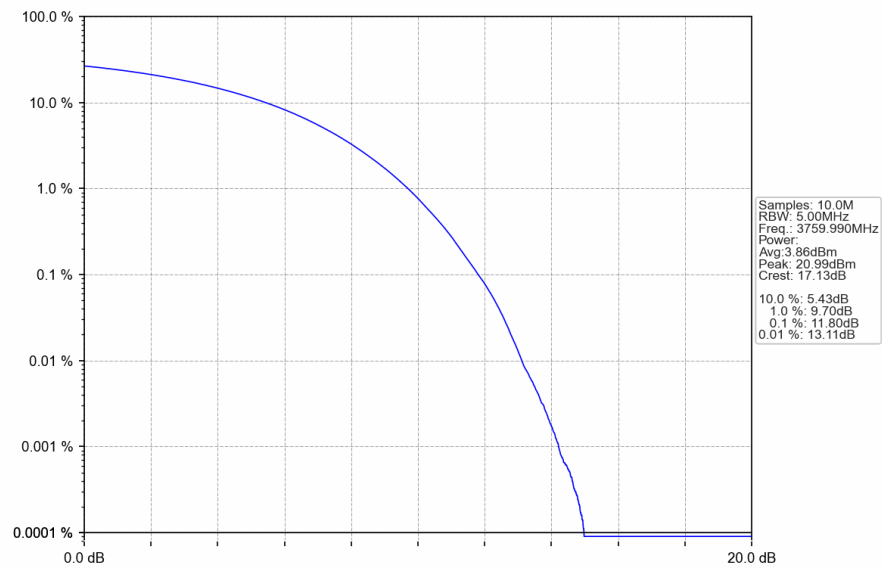
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3740.01MHz_Outer_Full



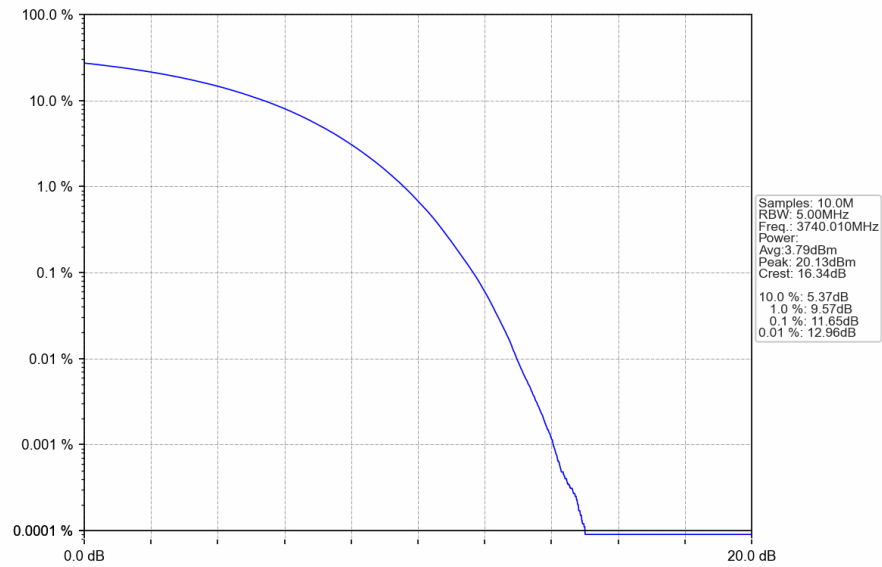
n78a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3750MHz Outer Full



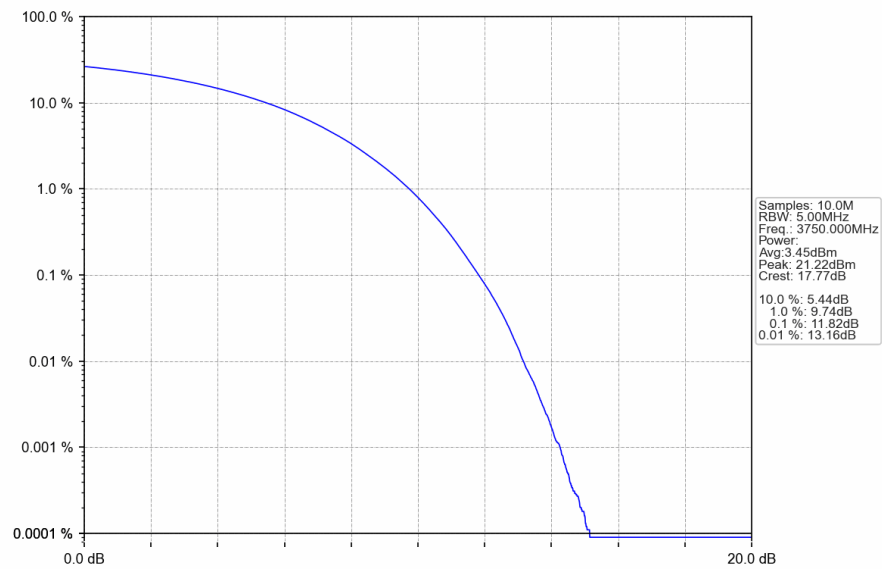
n78a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3759.99MHz Outer Full



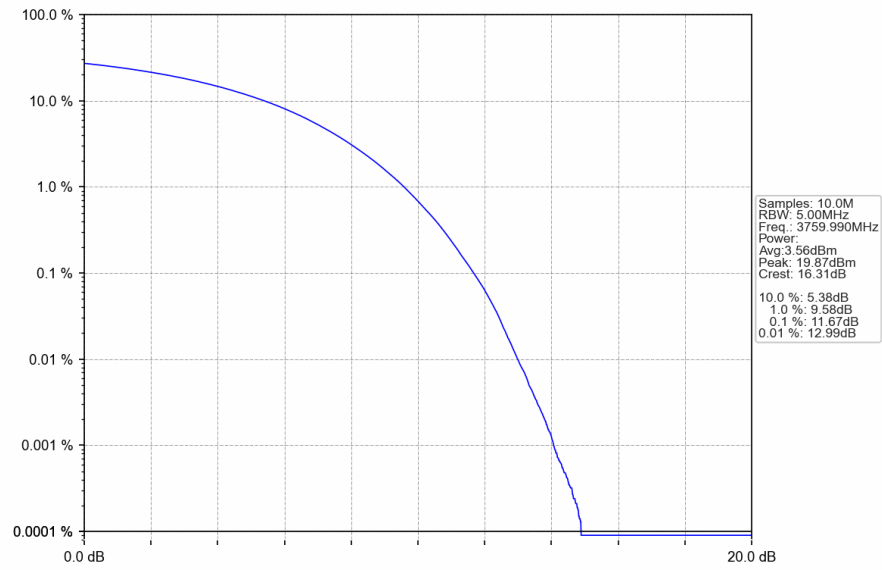
n78a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3740.01MHz Outer Full



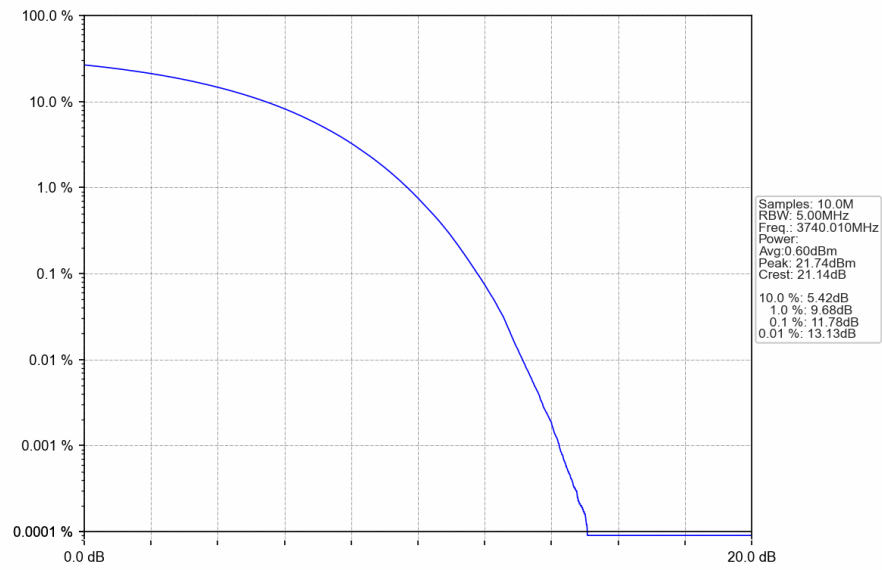
n78a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3750MHz Outer Full



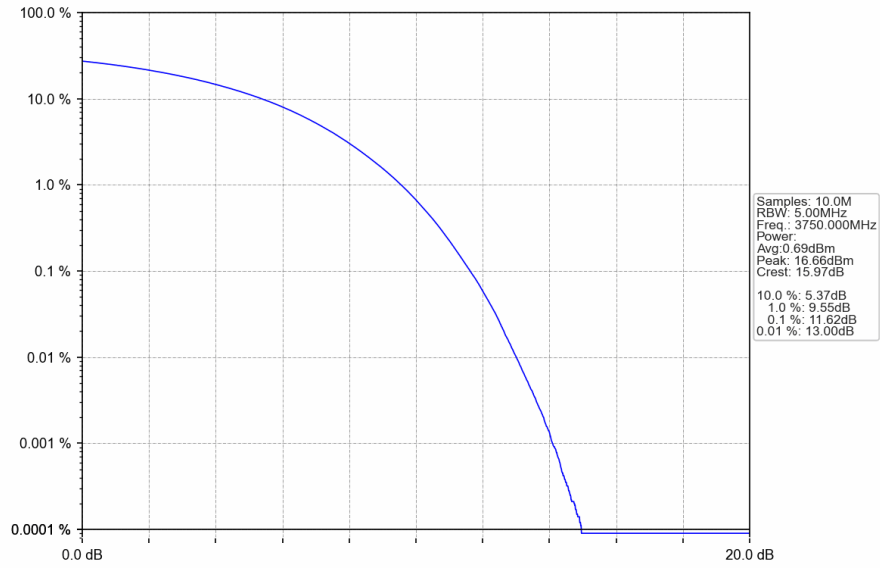
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3759.99MHz_Outer_Full



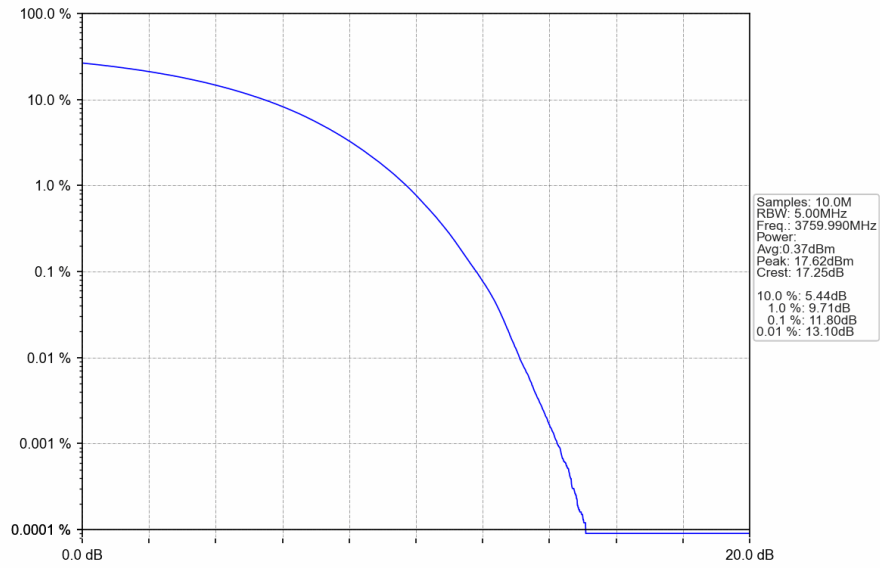
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3740.01MHz_Outer_Full



n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full



n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3759.99MHz_Outer_Full

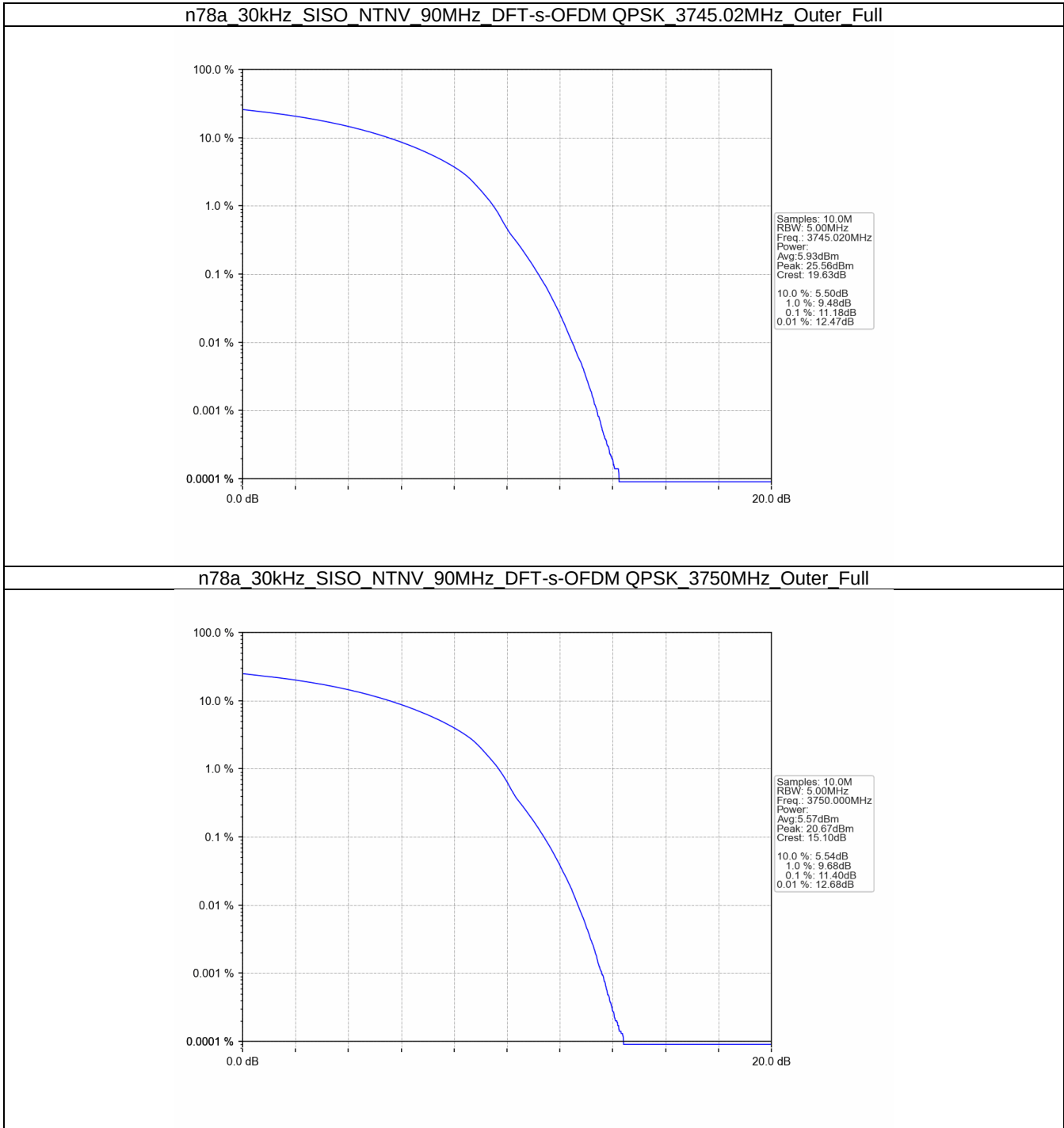


1.8 30k_SISO_90MHz_NTNV

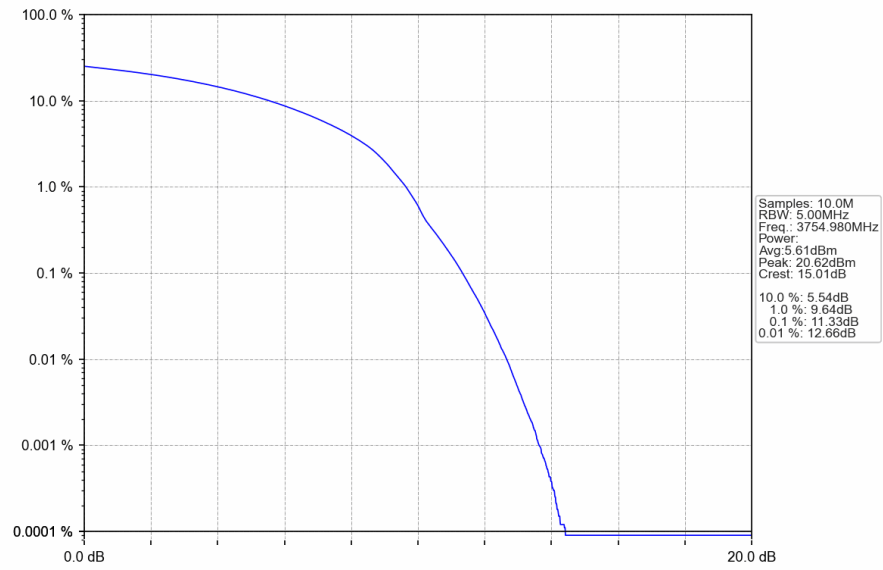
1.8.1 Test Result

5G NR n78a SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3745.02	Outer_Full	11.18	/	/	<=13	Pass
	3750	Outer_Full	11.40	/	/	<=13	Pass
	3754.98	Outer_Full	11.33	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	11.57	/	/	<=13	Pass
	3750	Outer_Full	11.59	/	/	<=13	Pass
	3754.98	Outer_Full	11.30	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	11.54	/	/	<=13	Pass
	3750	Outer_Full	11.58	/	/	<=13	Pass
	3754.98	Outer_Full	11.32	/	/	<=13	Pass
CP-OFDM QPSK	3745.02	Outer_Full	11.66	/	/	<=13	Pass
	3750	Outer_Full	11.71	/	/	<=13	Pass
	3754.98	Outer_Full	11.78	/	/	<=13	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	11.66	/	/	<=13	Pass
	3750	Outer_Full	11.80	/	/	<=13	Pass
	3754.98	Outer_Full	11.98	/	/	<=13	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	11.55	/	/	<=13	Pass
	3750	Outer_Full	11.53	/	/	<=13	Pass
	3754.98	Outer_Full	11.91	/	/	<=13	Pass

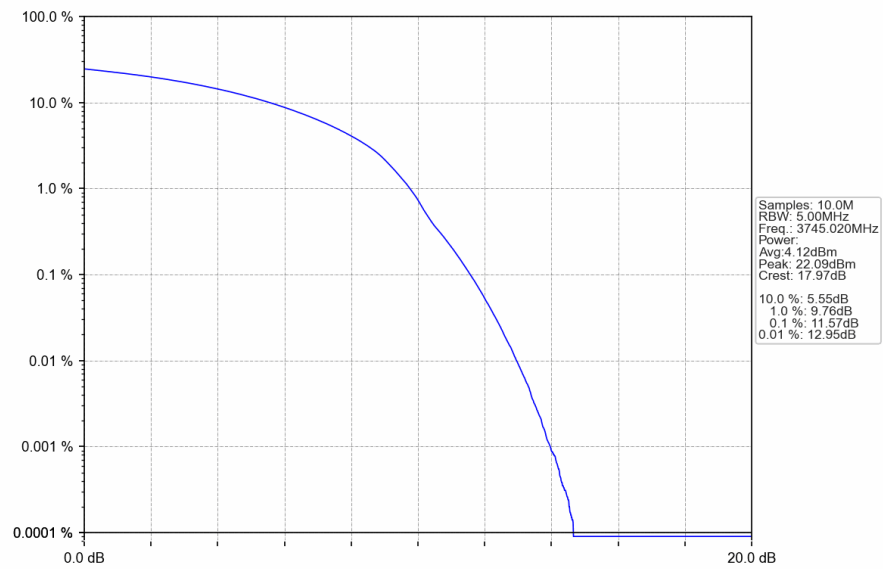
1.8.2 Test Graph



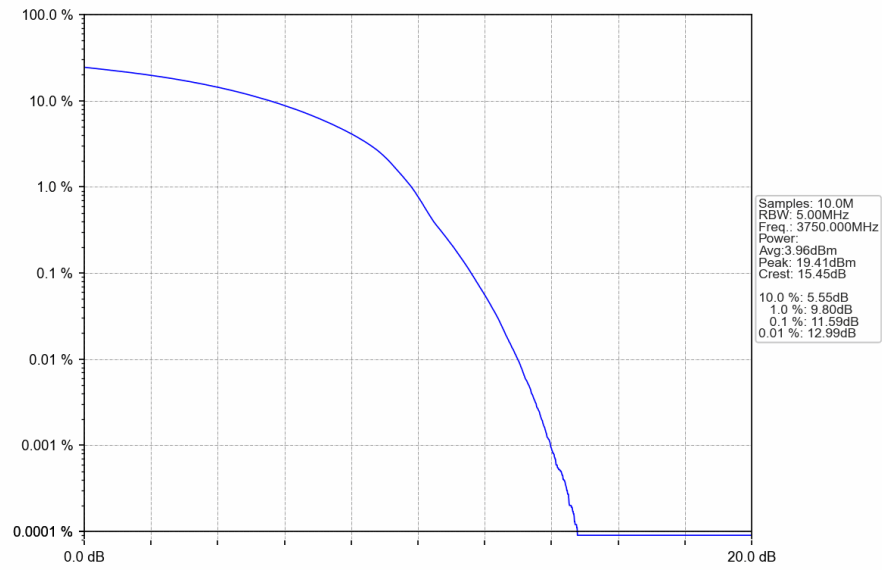
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3754.98MHz_Outer_Full



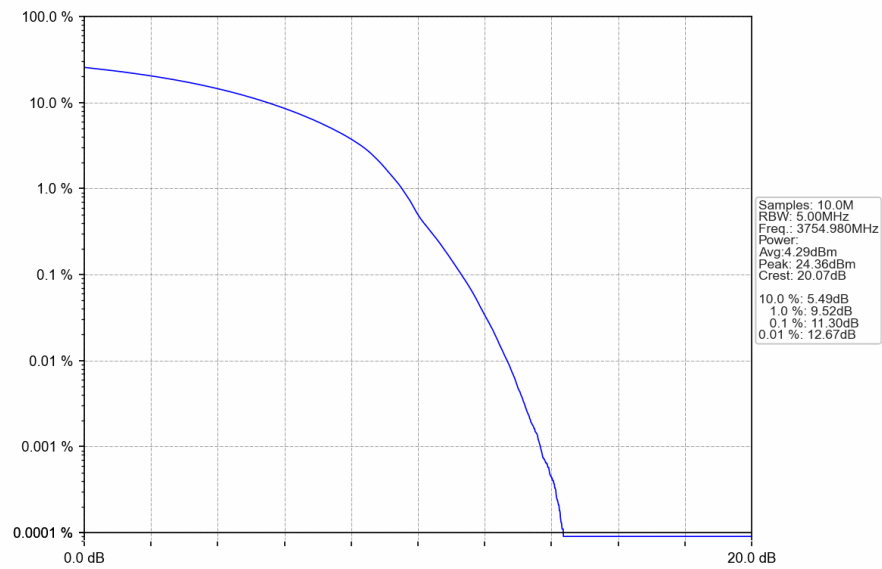
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3745.02MHz_Outer_Full



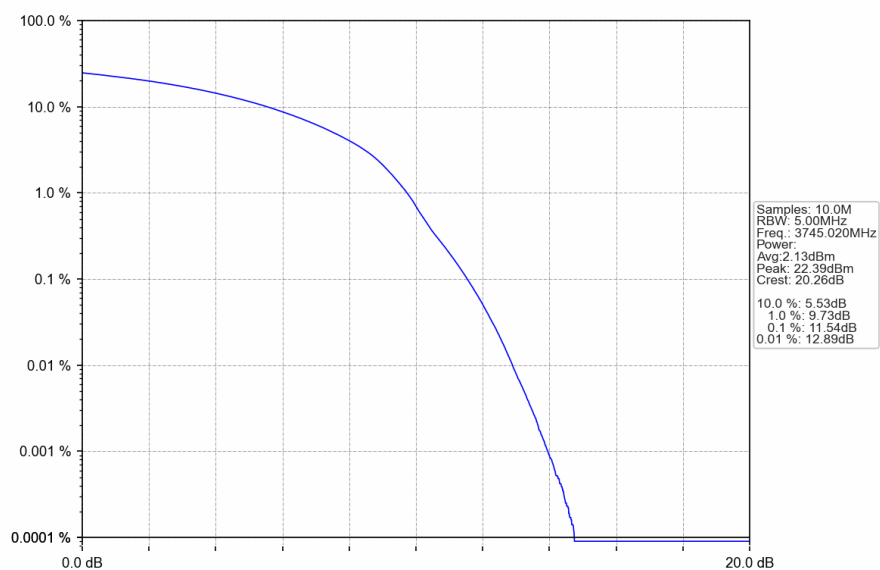
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



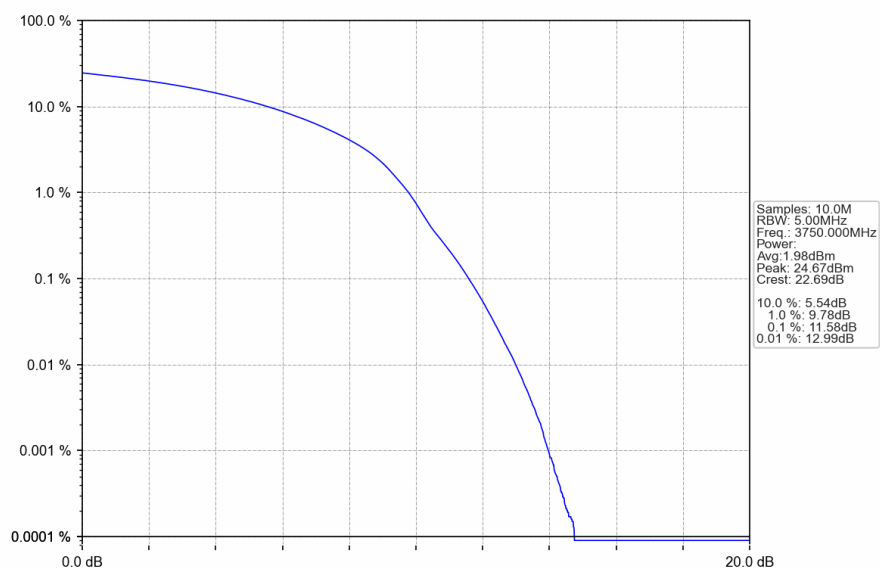
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3754.98MHz_Outer_Full



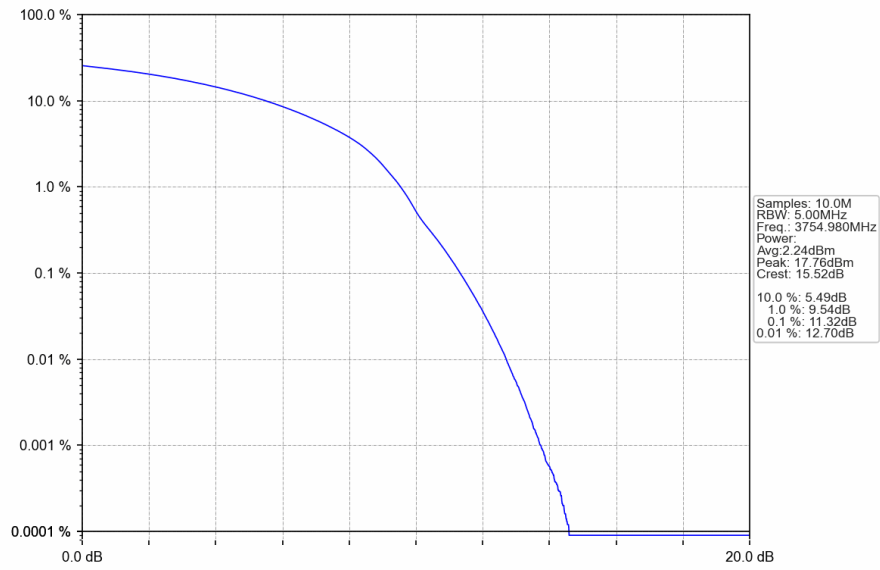
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3745.02MHz_Outer_Full



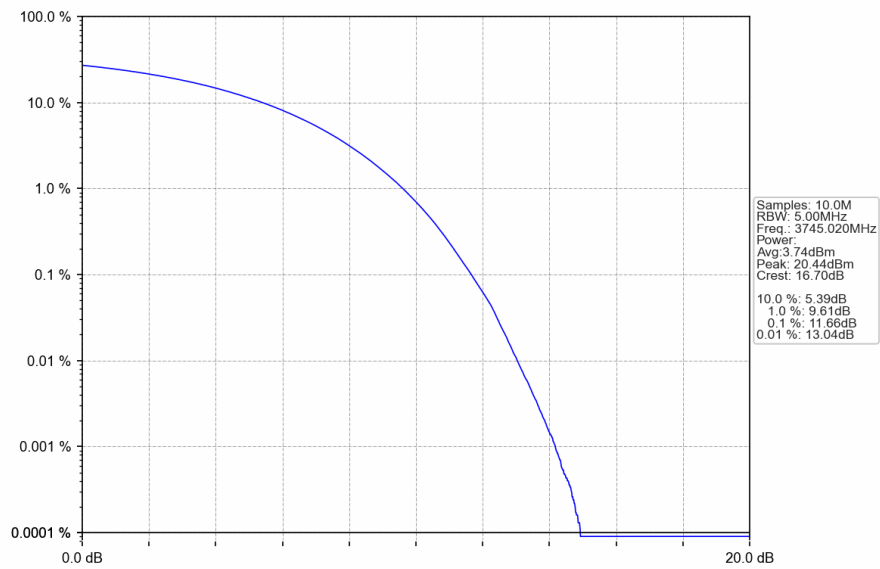
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



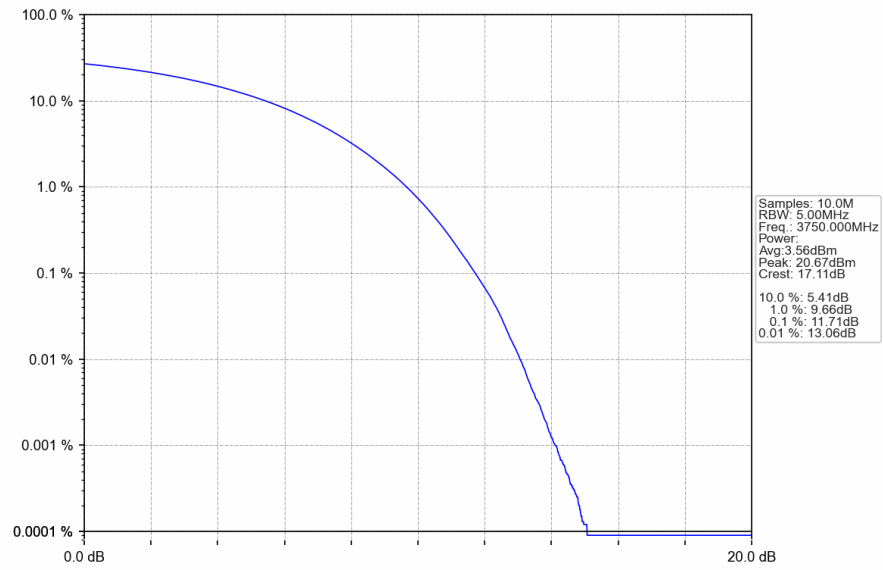
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3754.98MHz_Outer_Full



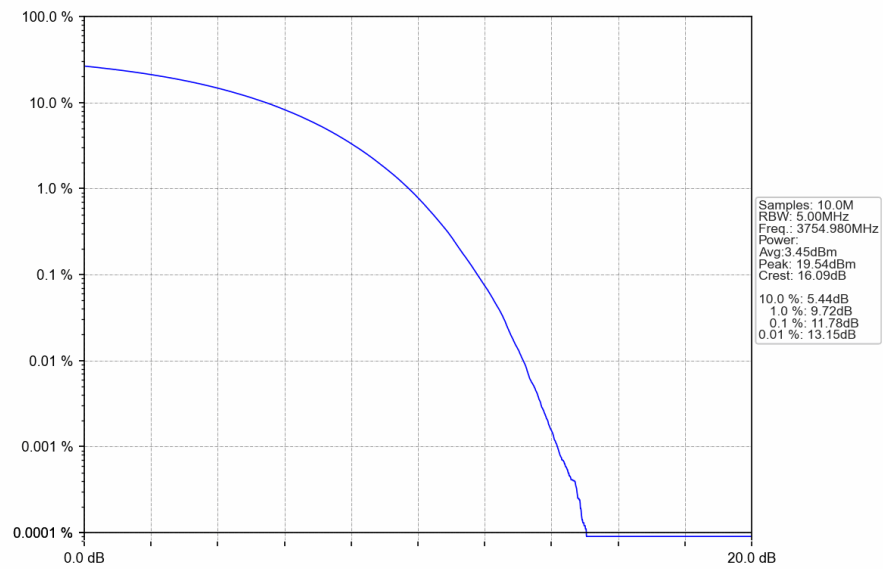
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3745.02MHz_Outer_Full



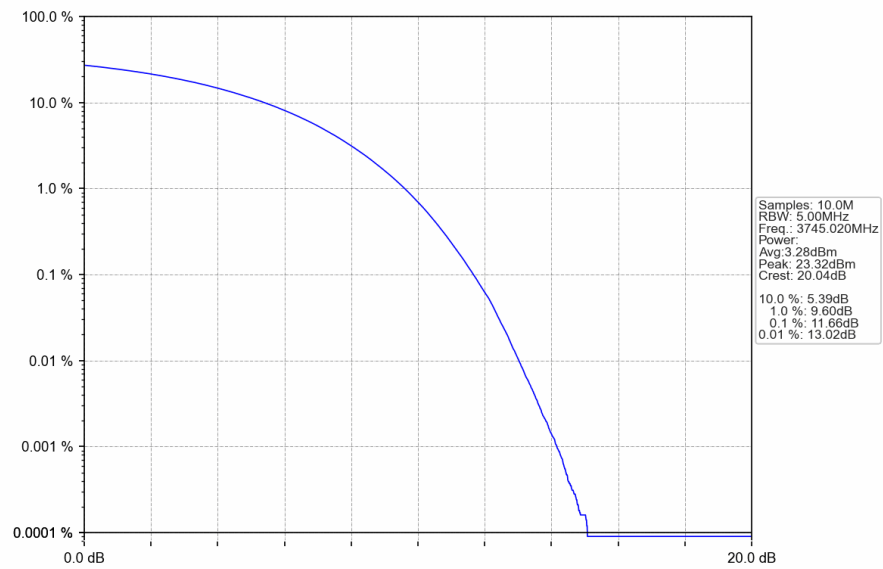
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



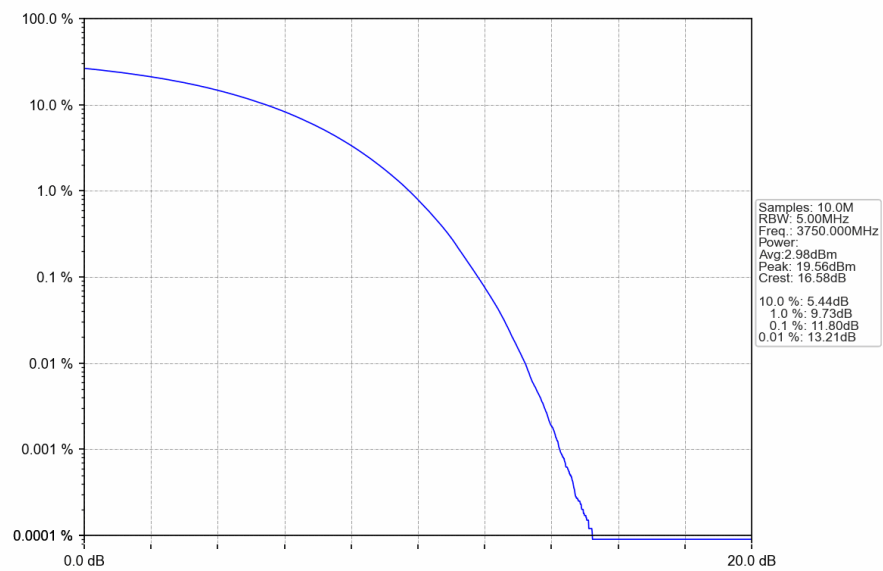
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3754.98MHz_Outer_Full



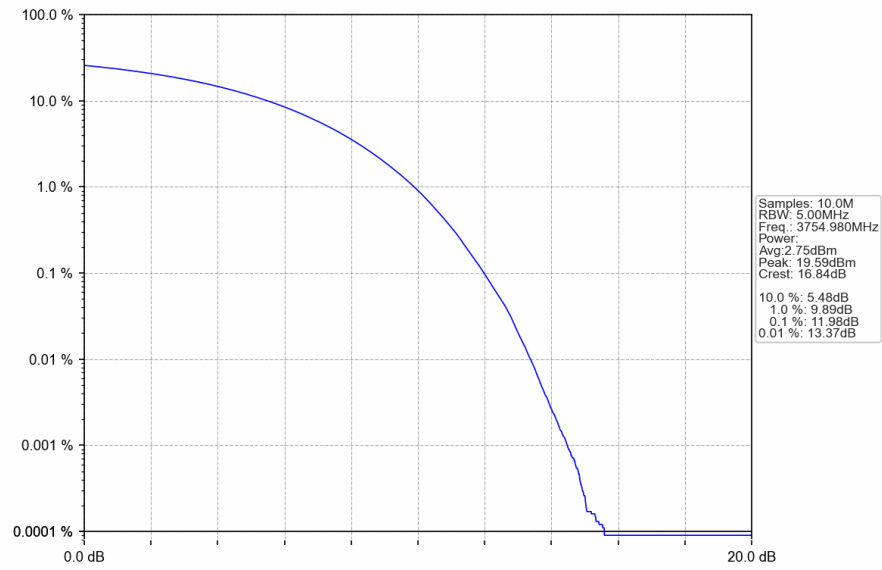
n78a 30kHz SISO NTN 90MHz CP-OFDM 64 QAM 3745.02MHz Outer Full



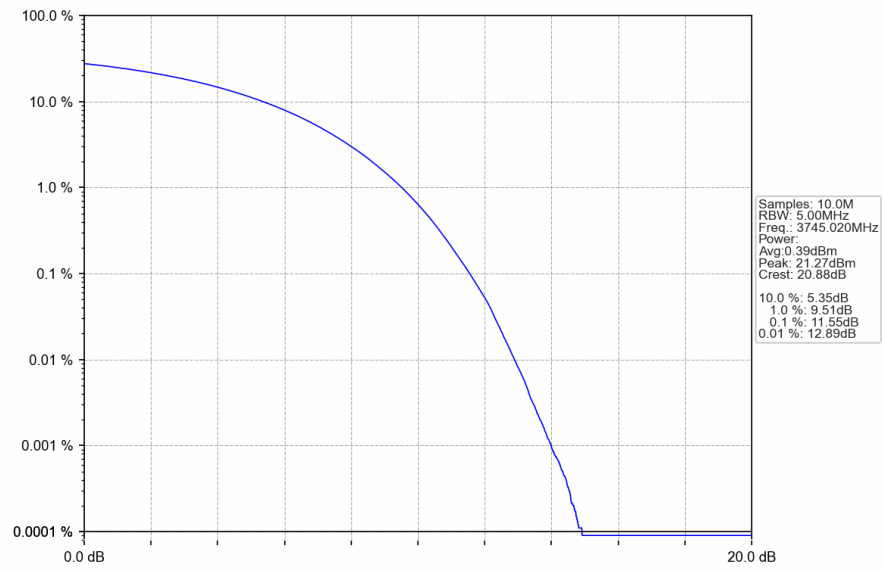
n78a 30kHz SISO NTN 90MHz CP-OFDM 64 QAM 3750MHz Outer Full



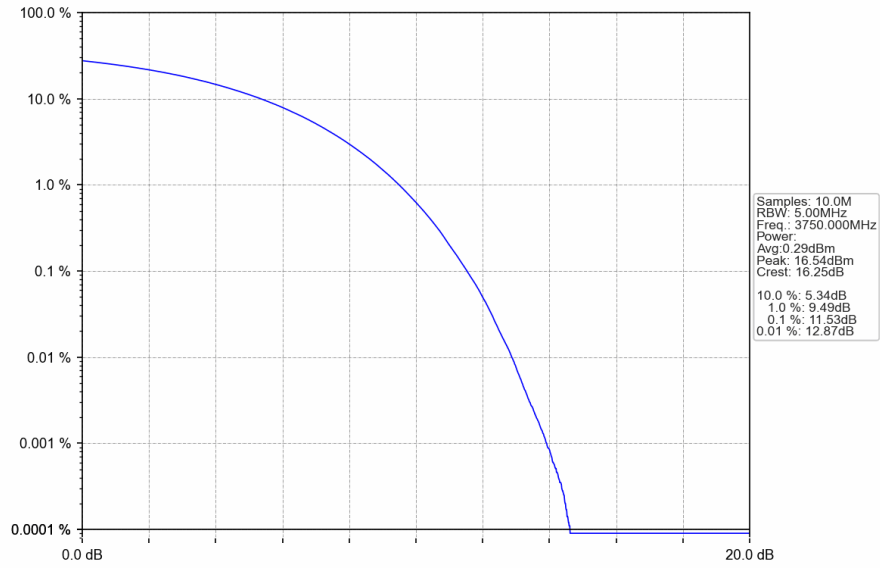
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3754.98MHz_Outer_Full



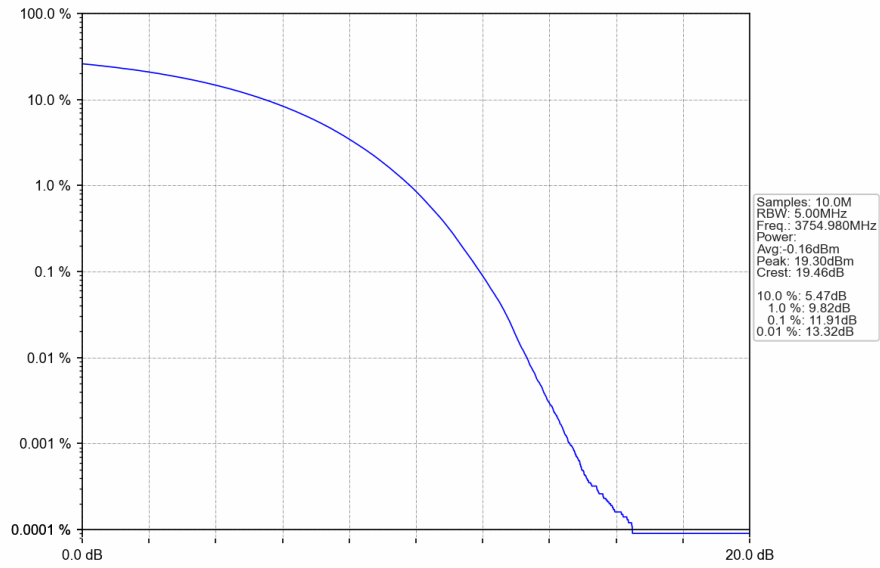
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3745.02MHz_Outer_Full



n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full



n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3754.98MHz_Outer_Full

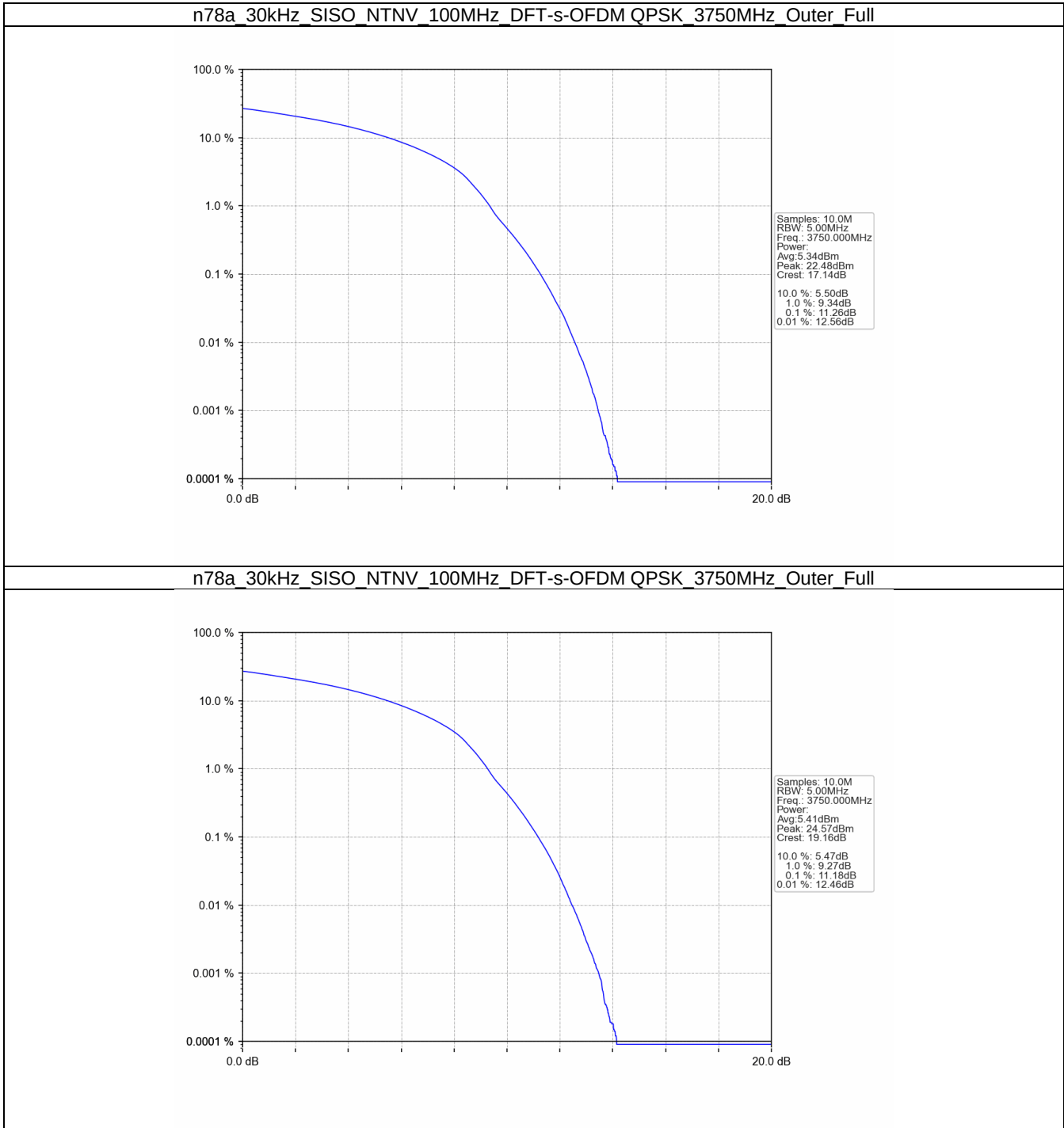


1.9 30k_SISO_100MHz_NTNV

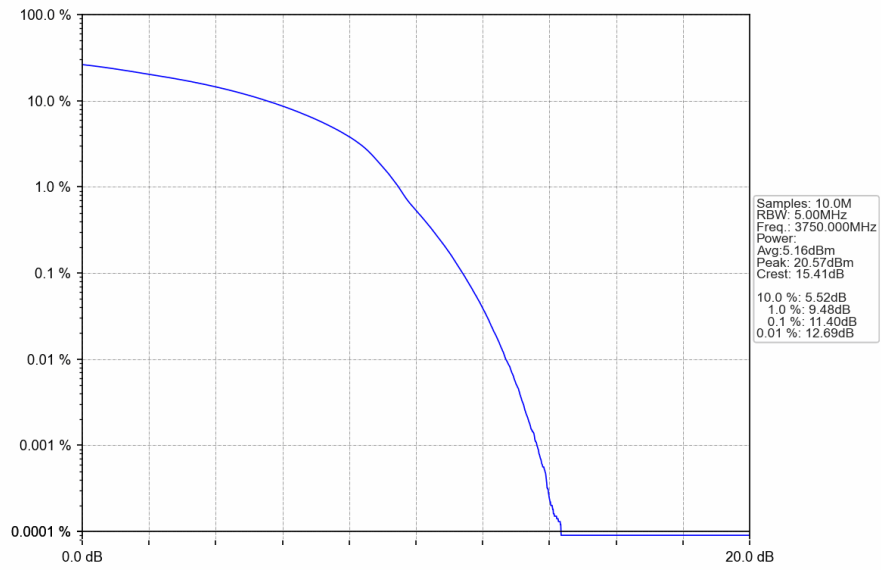
1.9.1 Test Result

5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	11.26	/	/	<=13	Pass
	3750	Outer_Full	11.18	/	/	<=13	Pass
	3750	Outer_Full	11.40	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	11.54	/	/	<=13	Pass
	3750	Outer_Full	11.49	/	/	<=13	Pass
	3750	Outer_Full	11.43	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	11.55	/	/	<=13	Pass
	3750	Outer_Full	11.63	/	/	<=13	Pass
	3750	Outer_Full	11.70	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer_Full	11.60	/	/	<=13	Pass
	3750	Outer_Full	11.63	/	/	<=13	Pass
	3750	Outer_Full	11.56	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer_Full	11.72	/	/	<=13	Pass
	3750	Outer_Full	11.91	/	/	<=13	Pass
	3750	Outer_Full	11.53	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer_Full	11.74	/	/	<=13	Pass
	3750	Outer_Full	11.80	/	/	<=13	Pass
	3750	Outer_Full	11.68	/	/	<=13	Pass

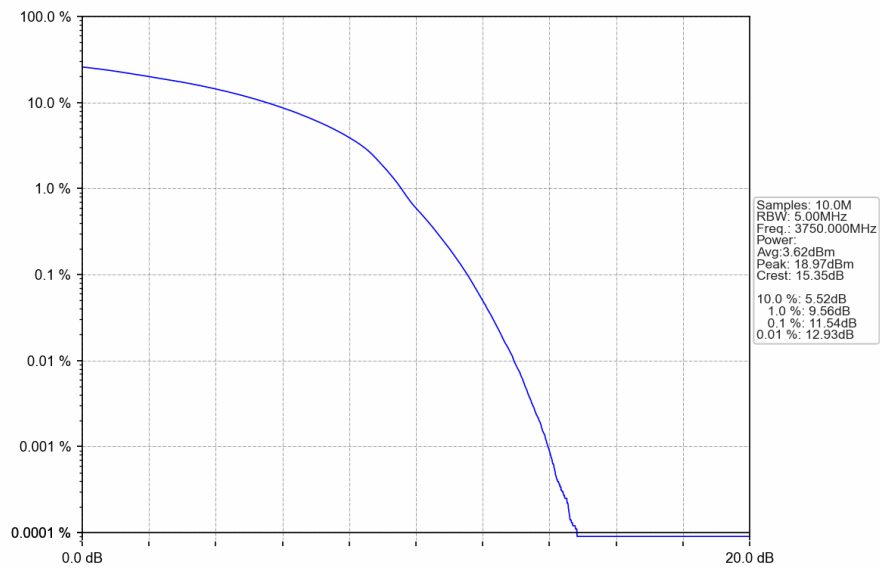
1.9.2 Test Graph



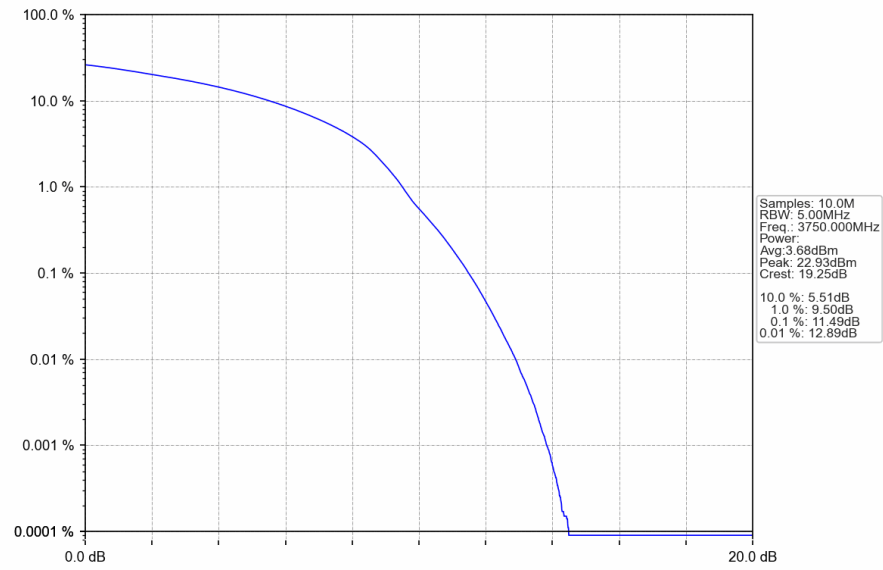
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full



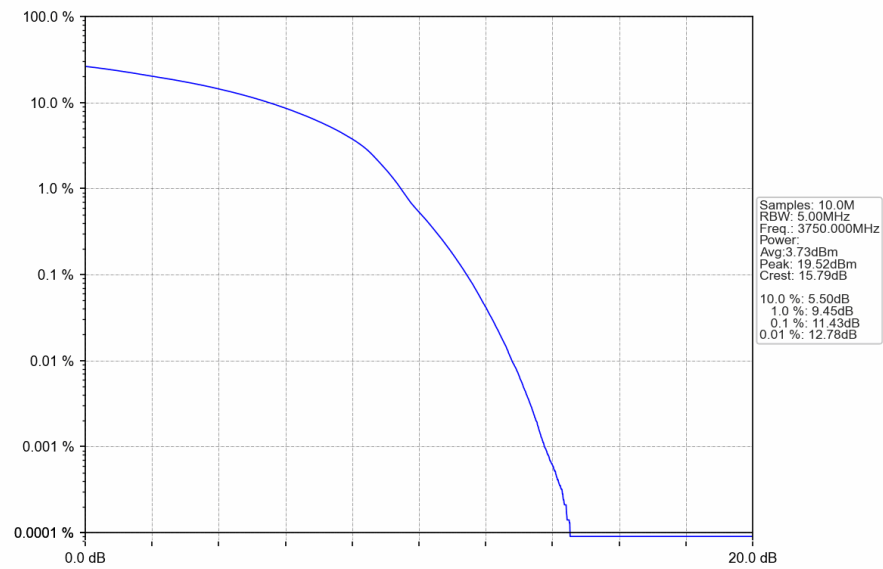
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



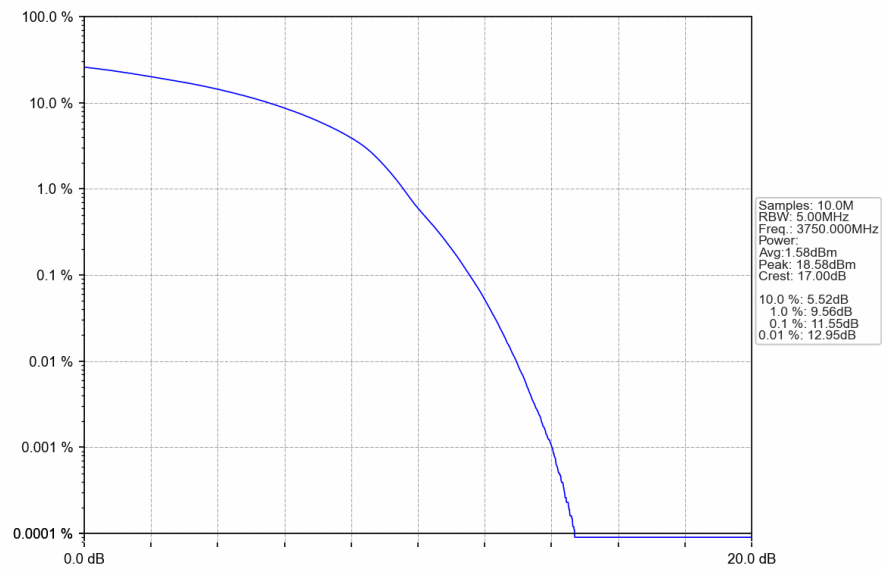
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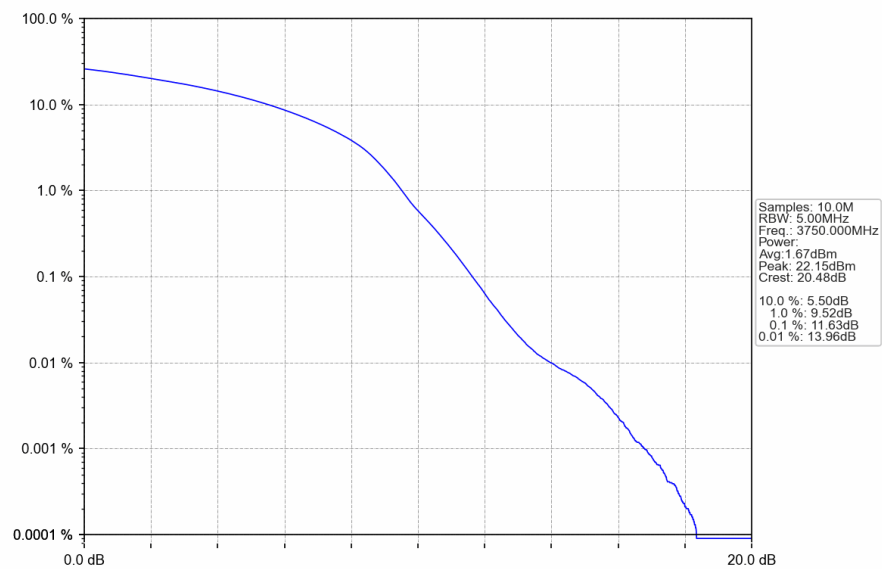
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



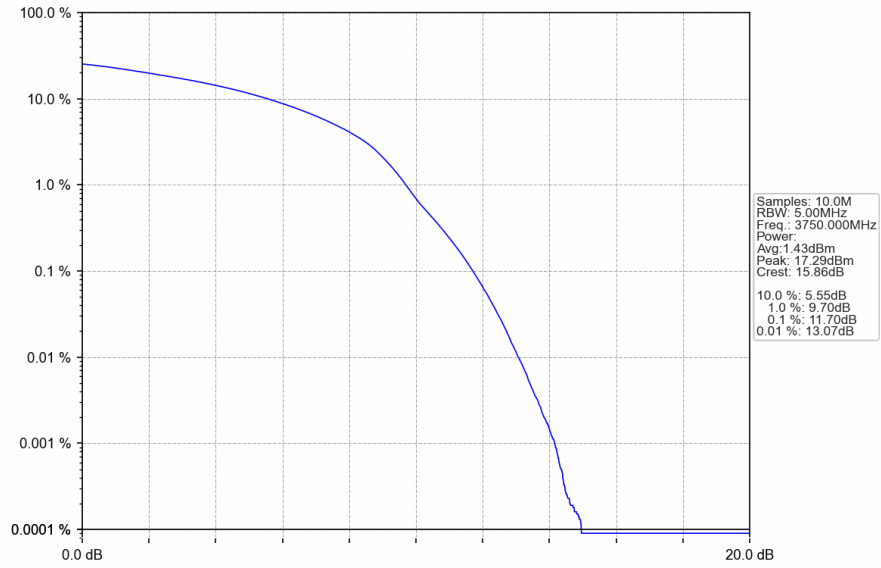
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



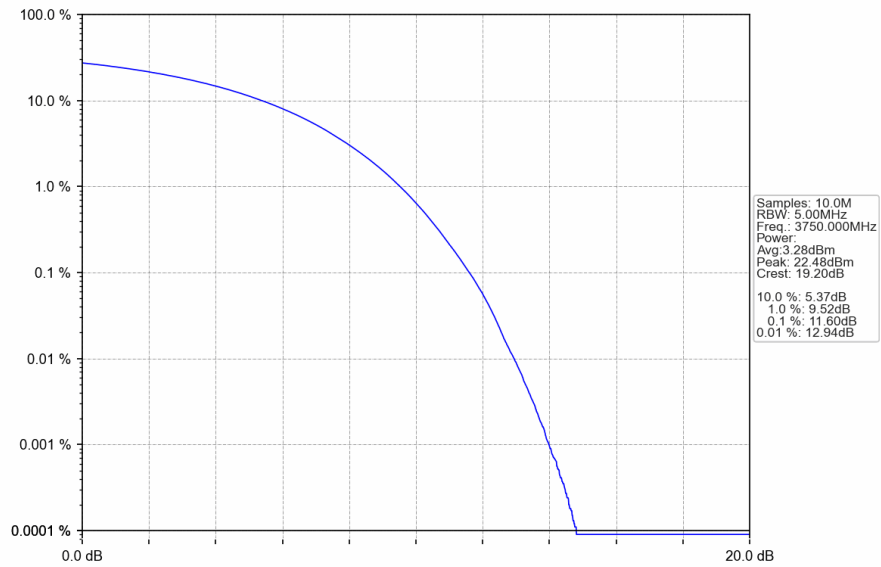
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



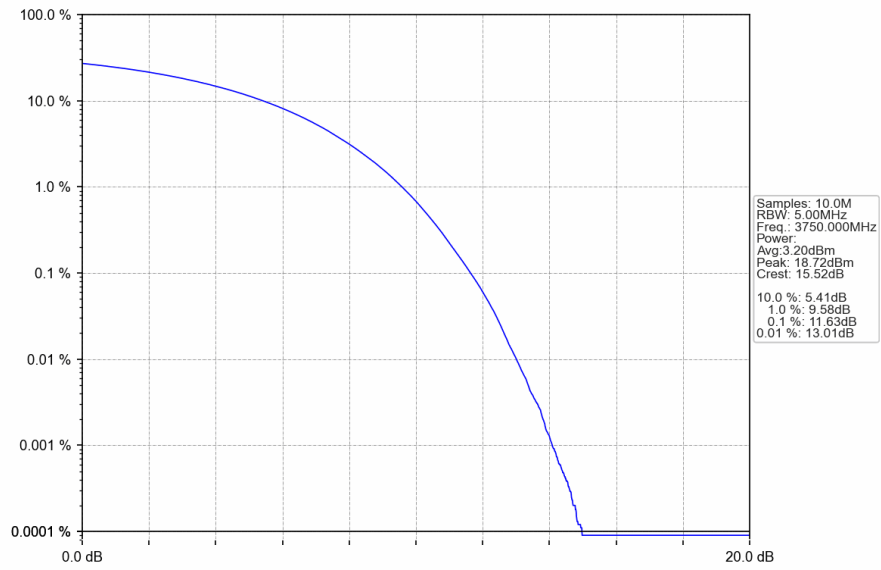
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



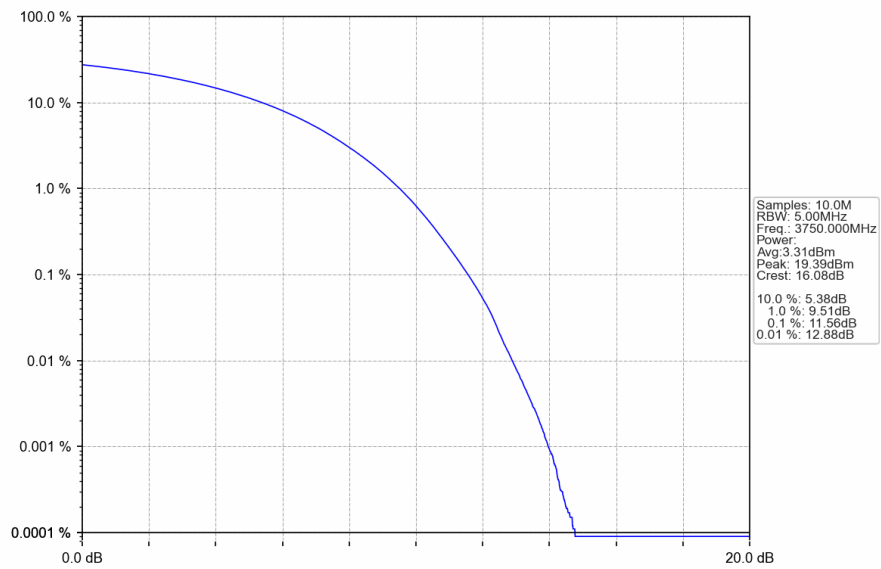
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



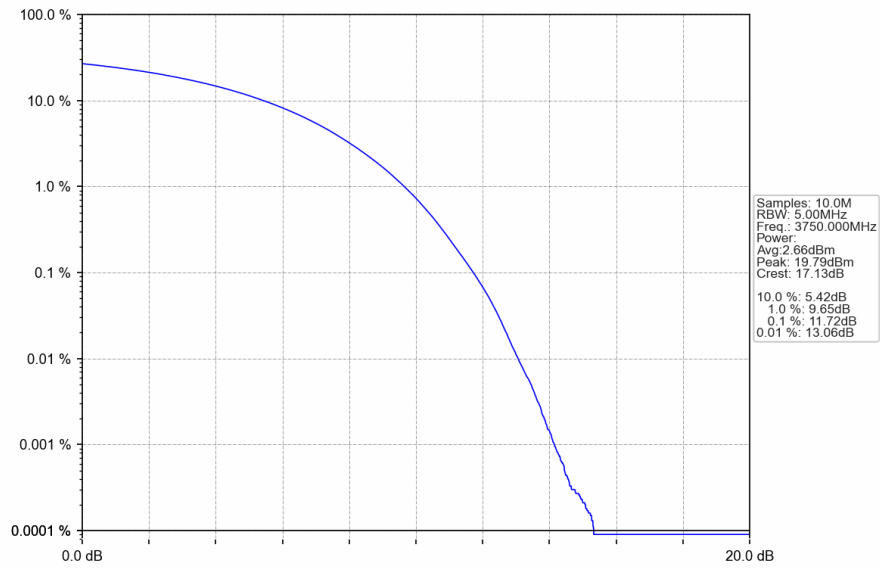
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



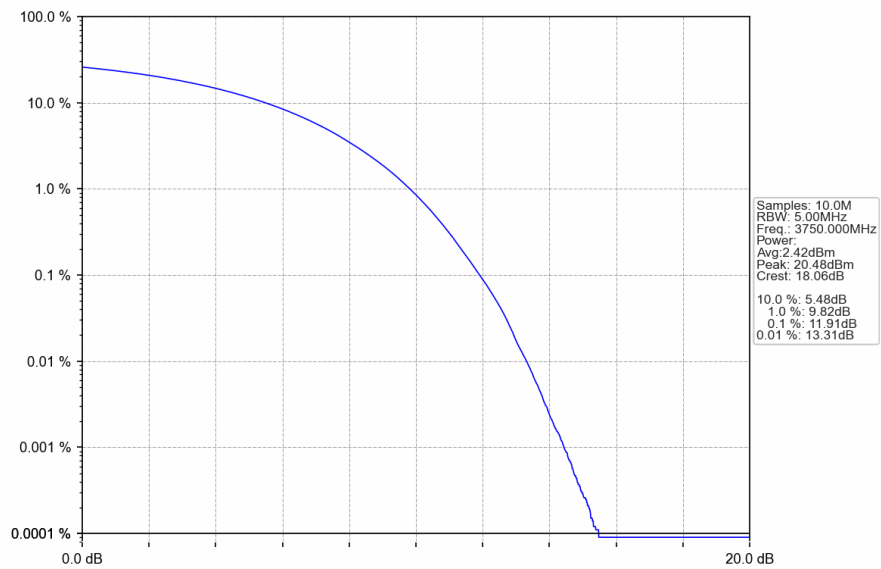
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



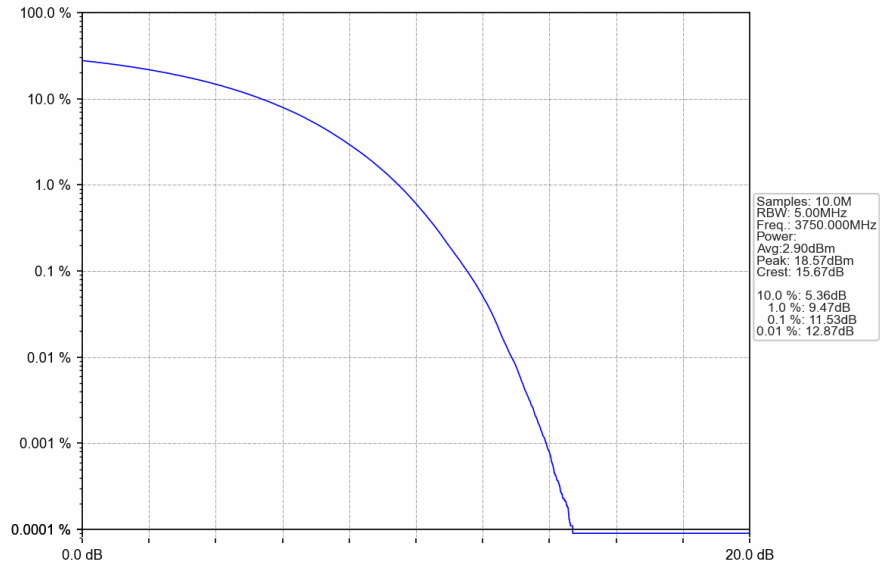
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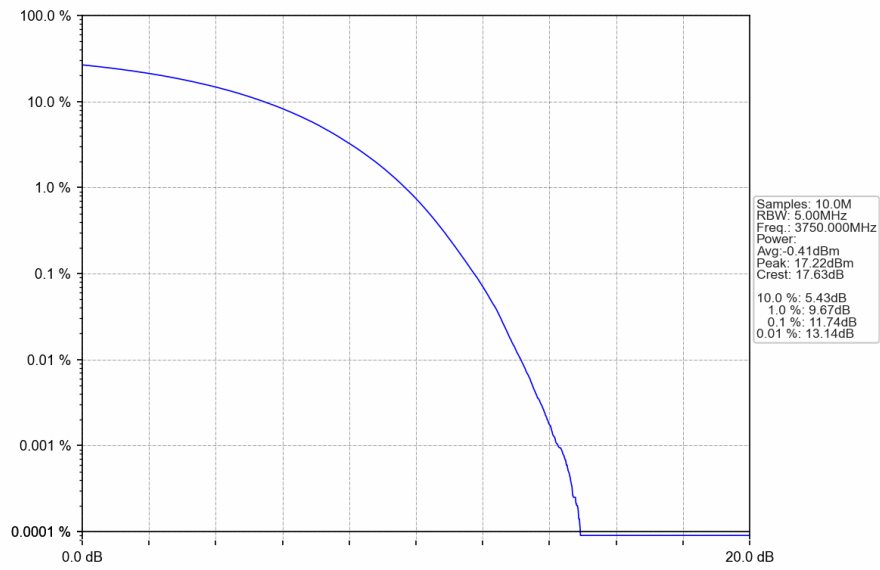
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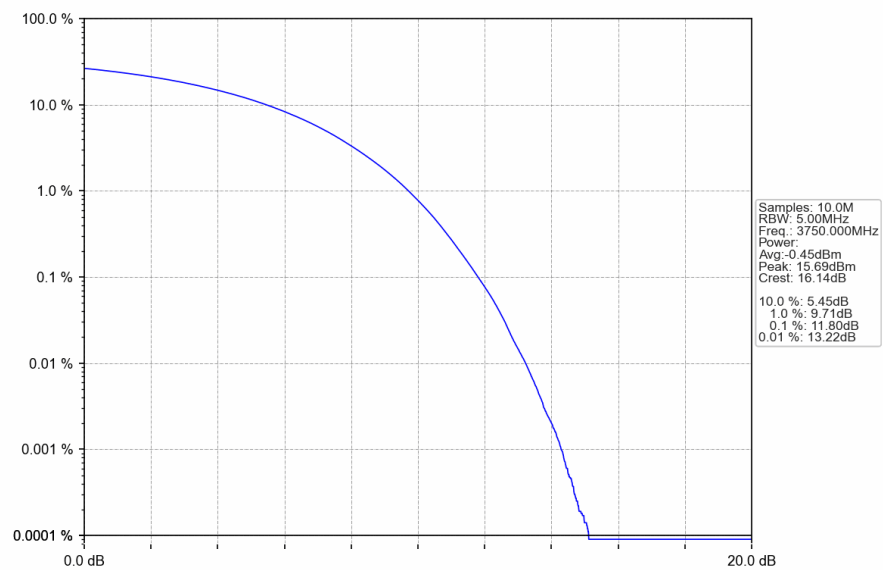
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full

