

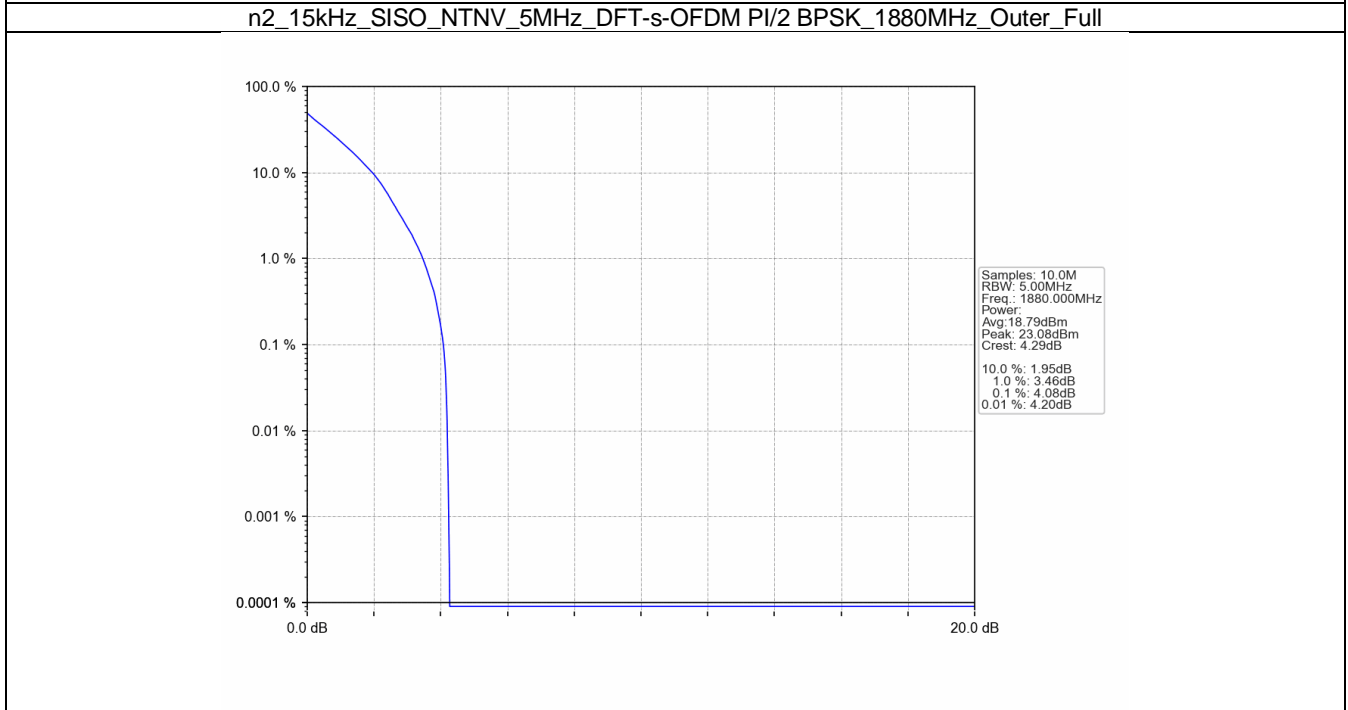
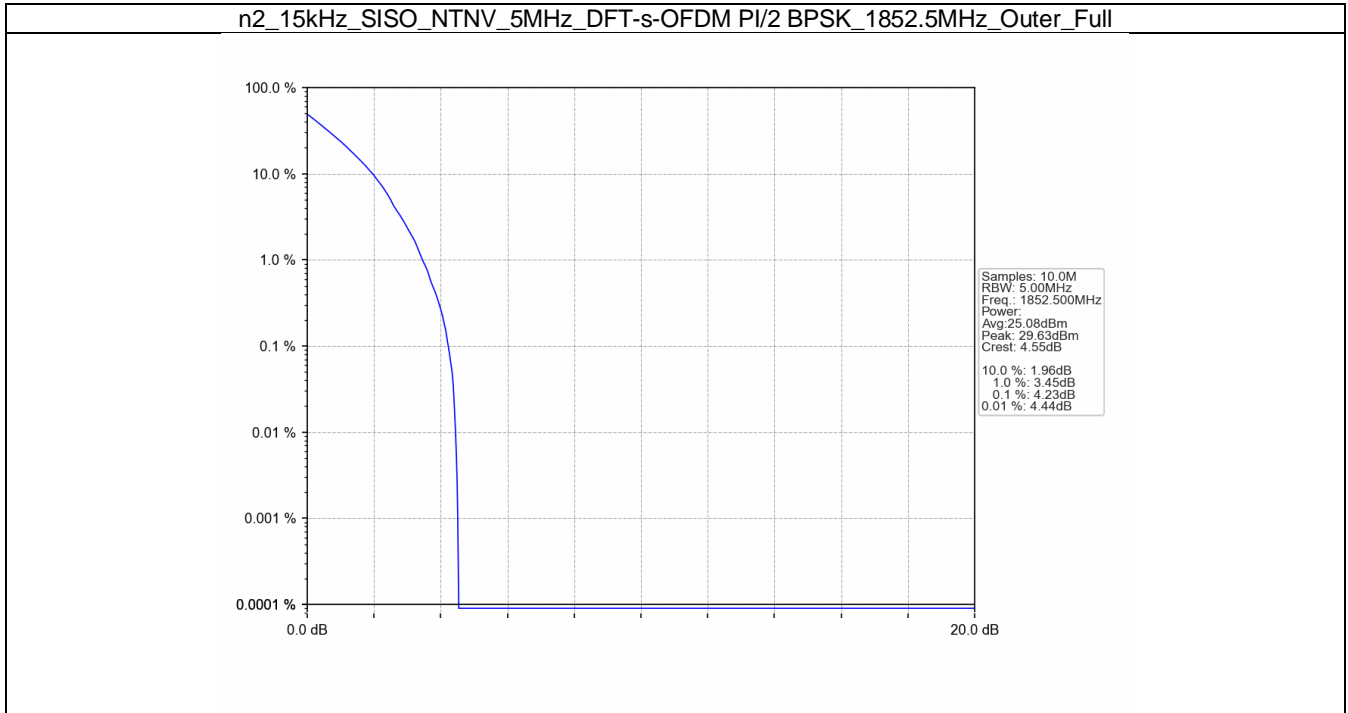
1. Peak-Average Ratio

1.1 15k_SISO_5MHz_NTNV

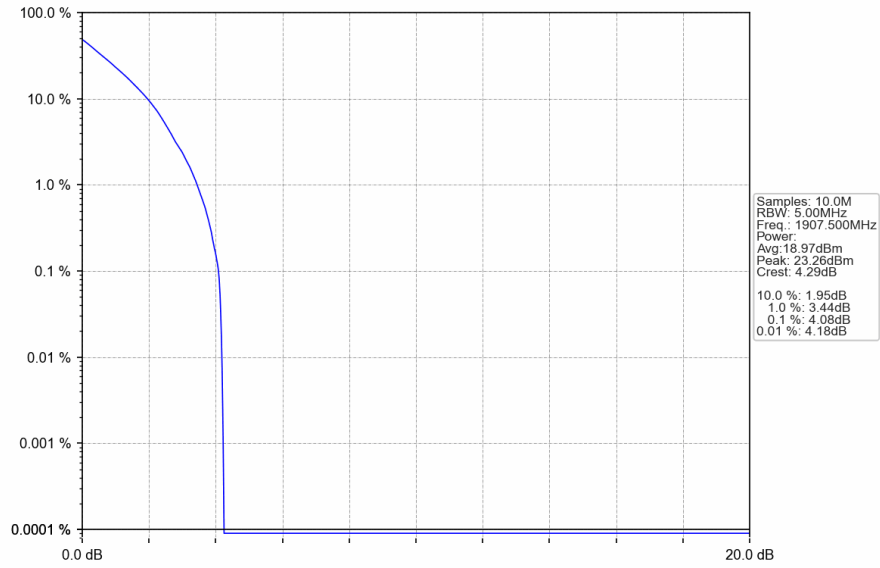
1.1.1 Test Result

5G NR n2 SCS=15kHz SISO 5MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Outer_Full	4.23	/	/	<=13	Pass
	1880	Outer_Full	4.08	/	/	<=13	Pass
	1907.5	Outer_Full	4.08	/	/	<=13	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	5.72	/	/	<=13	Pass
	1880	Outer_Full	5.71	/	/	<=13	Pass
	1907.5	Outer_Full	5.74	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	6.57	/	/	<=13	Pass
	1880	Outer_Full	6.55	/	/	<=13	Pass
	1907.5	Outer_Full	6.47	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	6.66	/	/	<=13	Pass
	1880	Outer_Full	6.65	/	/	<=13	Pass
	1907.5	Outer_Full	6.66	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	6.44	/	/	<=13	Pass
	1880	Outer_Full	6.43	/	/	<=13	Pass
	1907.5	Outer_Full	6.52	/	/	<=13	Pass
CP-OFDM QPSK	1852.5	Outer_Full	6.94	/	/	<=13	Pass
	1880	Outer_Full	7.14	/	/	<=13	Pass
	1907.5	Outer_Full	7.05	/	/	<=13	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	7.13	/	/	<=13	Pass
	1880	Outer_Full	7.30	/	/	<=13	Pass
	1907.5	Outer_Full	7.28	/	/	<=13	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	7.16	/	/	<=13	Pass
	1880	Outer_Full	7.37	/	/	<=13	Pass
	1907.5	Outer_Full	7.33	/	/	<=13	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	8.53	/	/	<=13	Pass
	1880	Outer_Full	8.51	/	/	<=13	Pass
	1907.5	Outer_Full	8.46	/	/	<=13	Pass

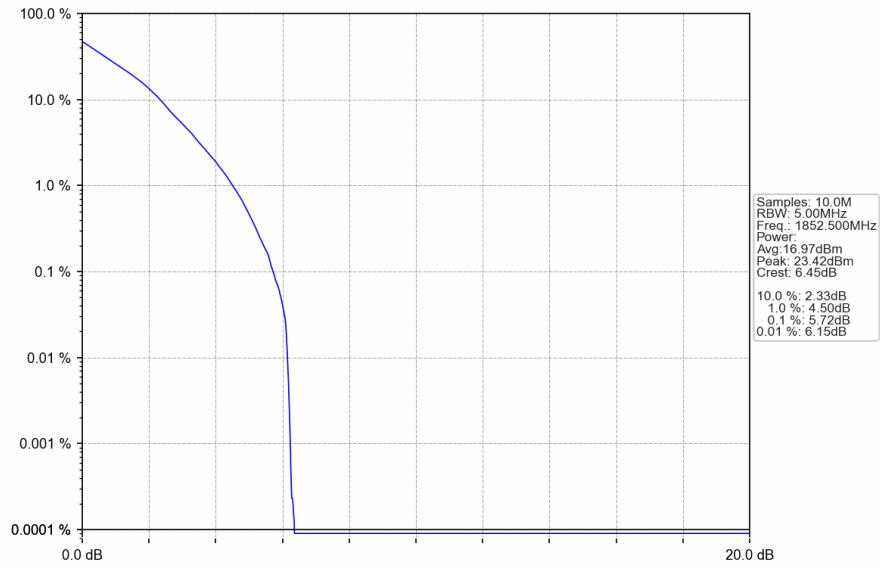
1.1.2 Test Graph



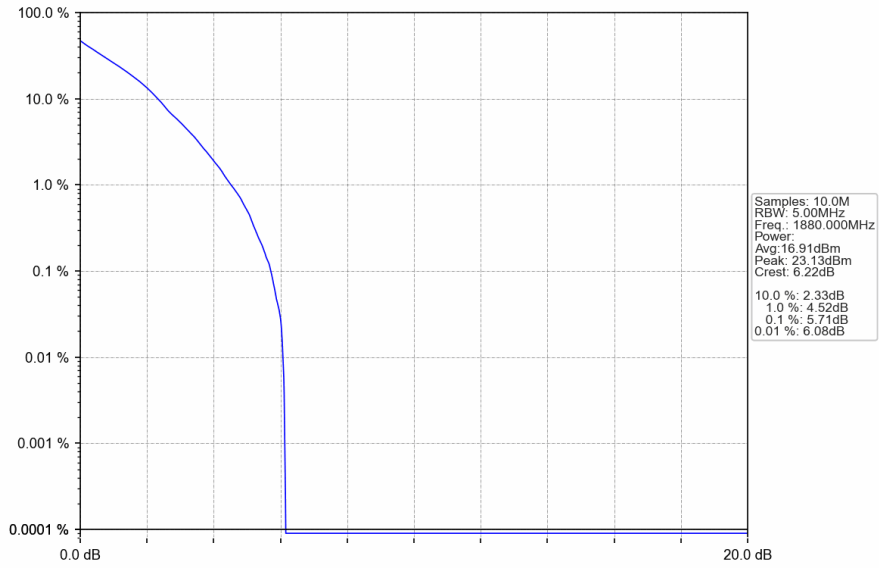
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Outer_Full



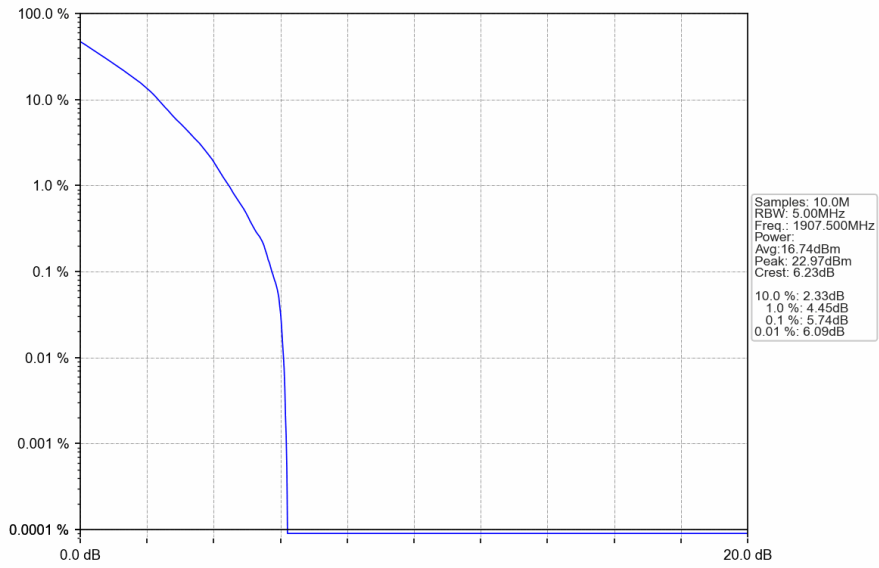
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full



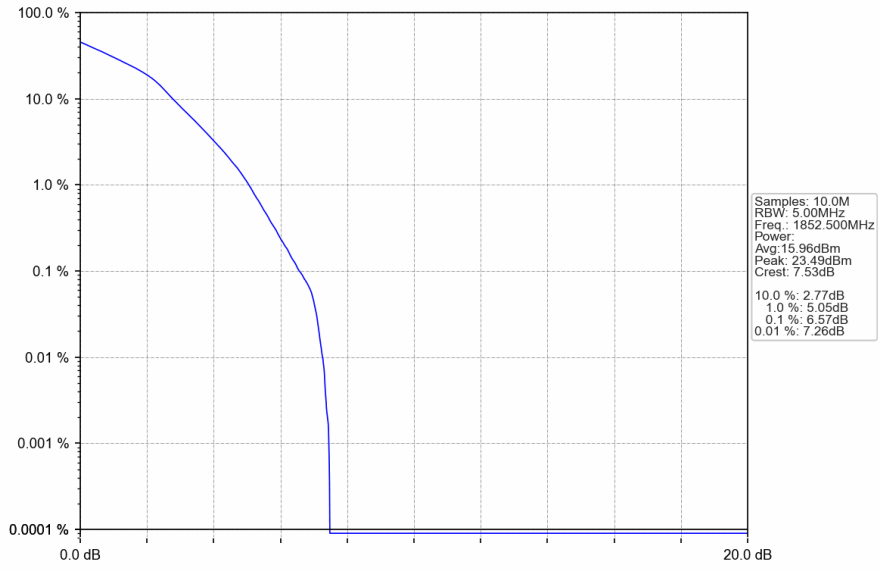
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full



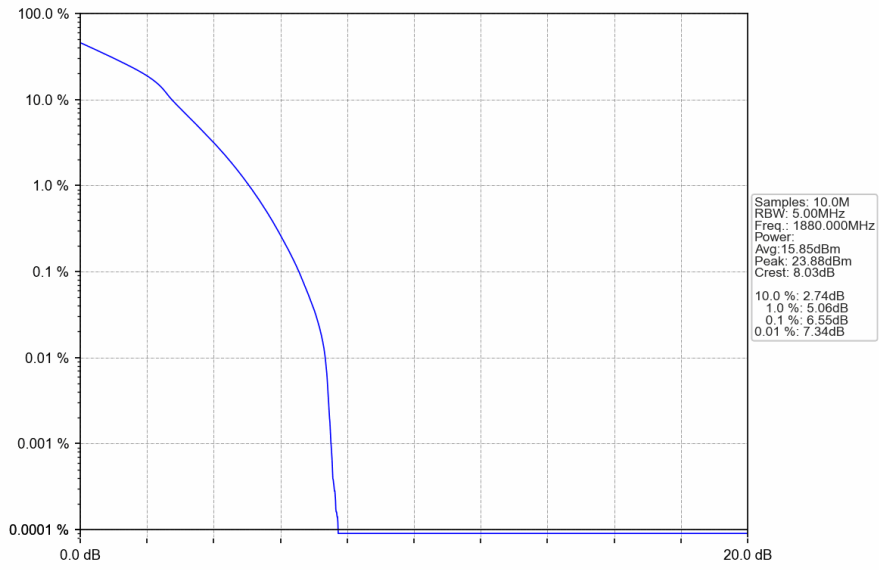
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full



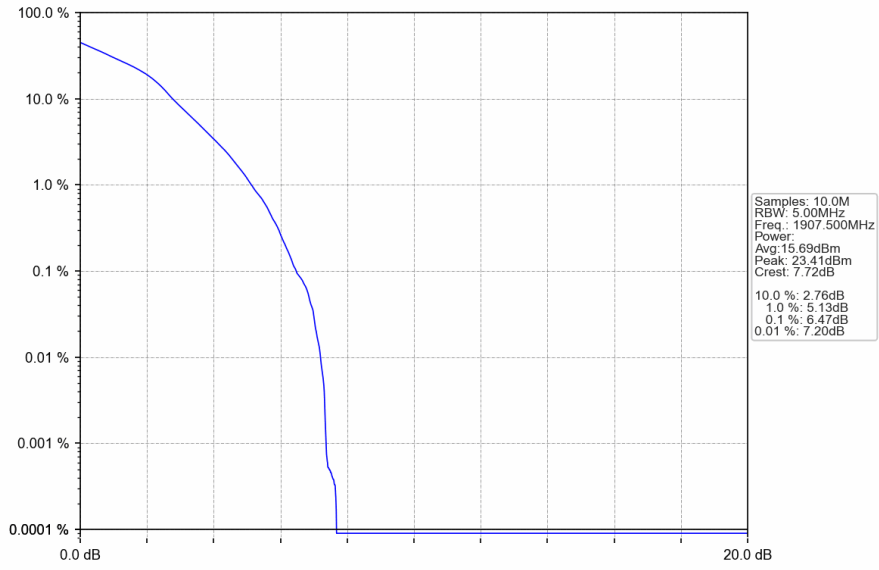
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1852.5MHz_Outer_Full



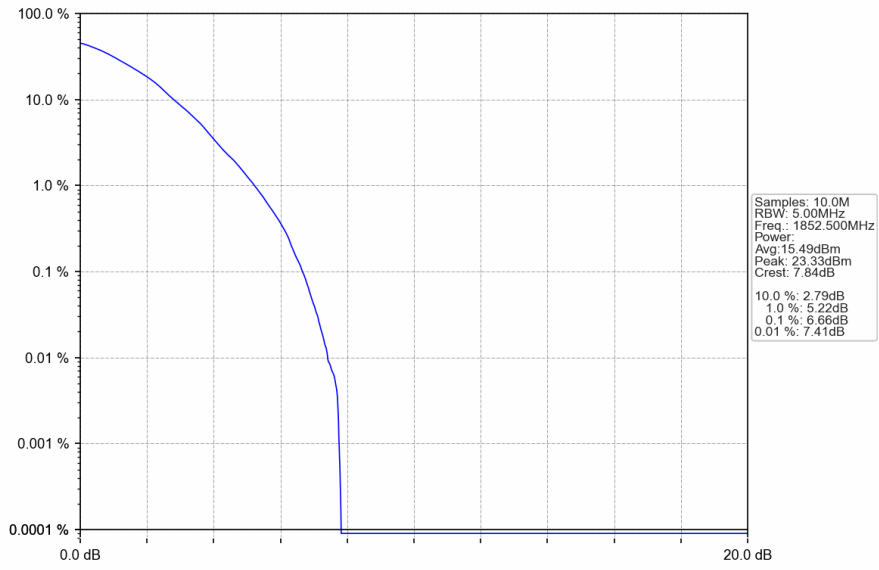
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full



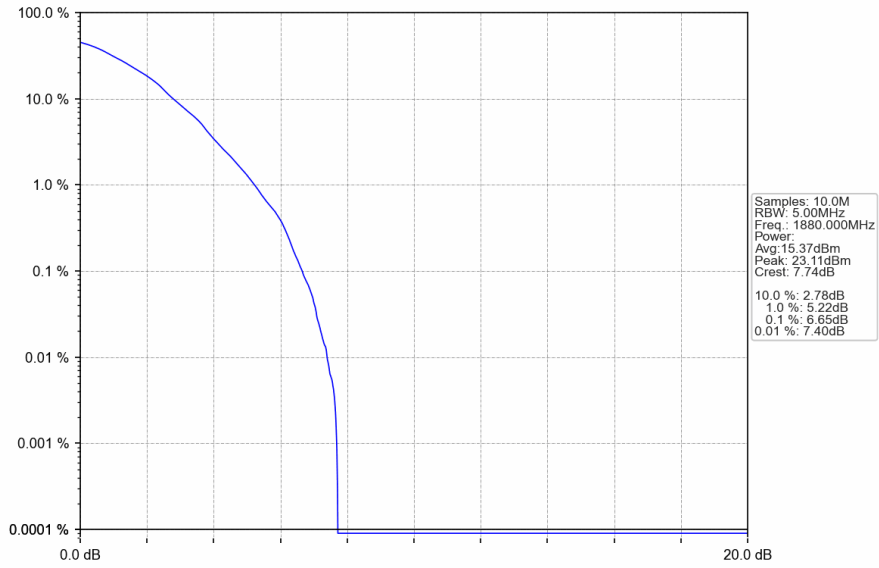
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1907.5MHz_Outer_Full



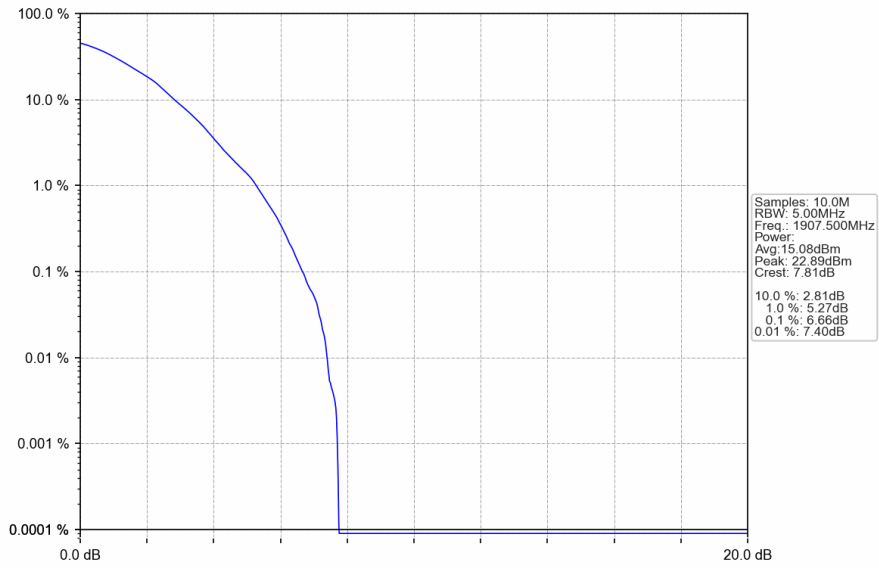
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1852.5MHz_Outer_Full



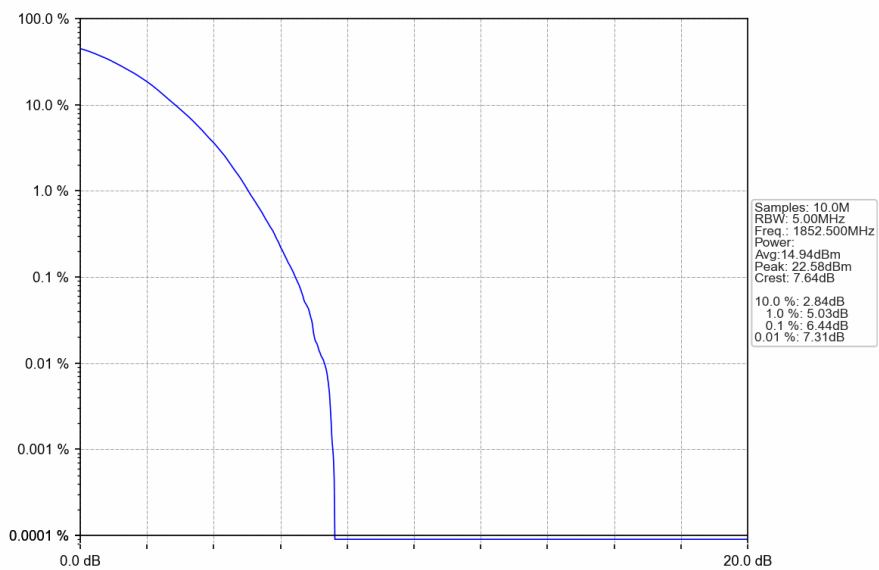
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full



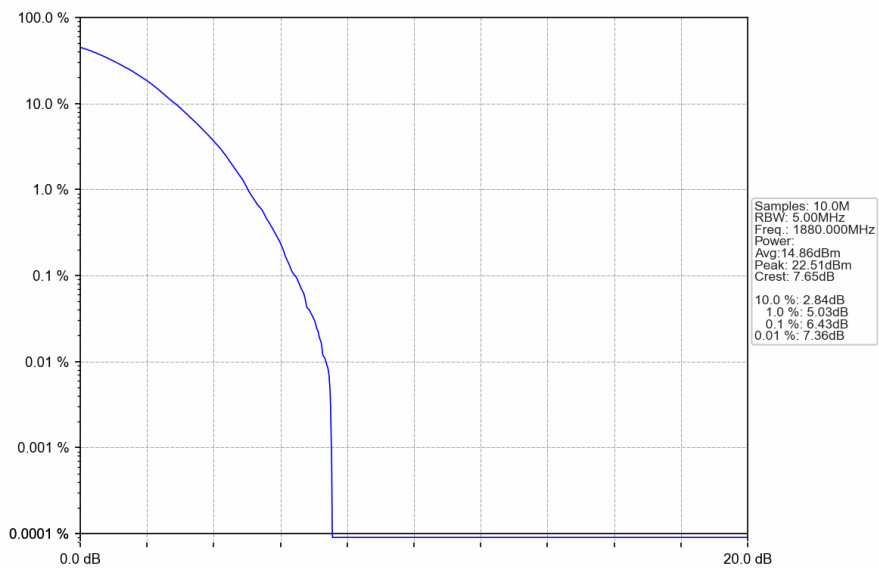
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1907.5MHz_Outer_Full



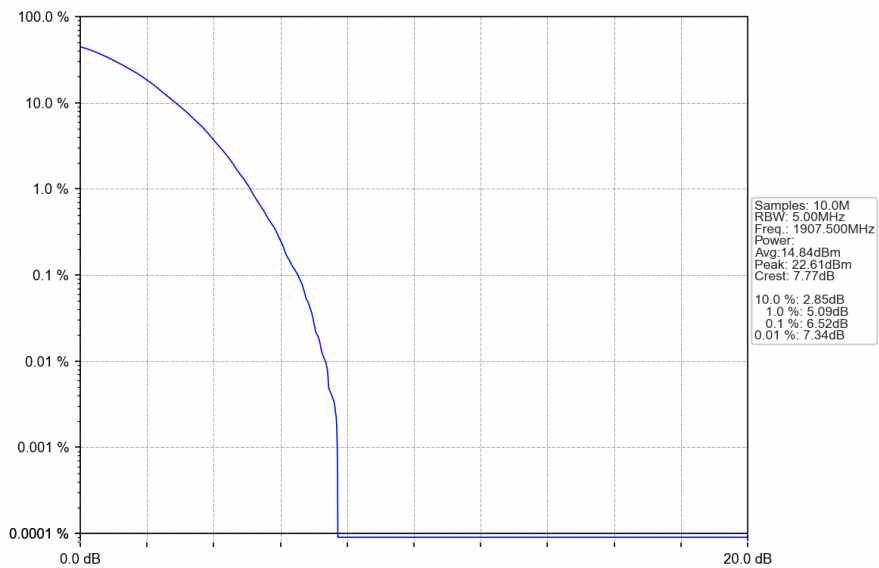
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1852.5MHz_Outer_Full



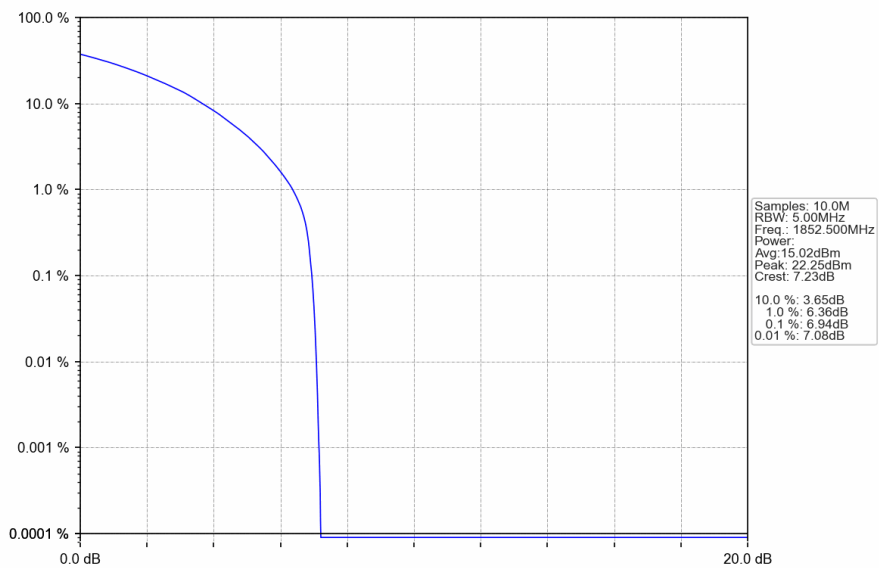
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full



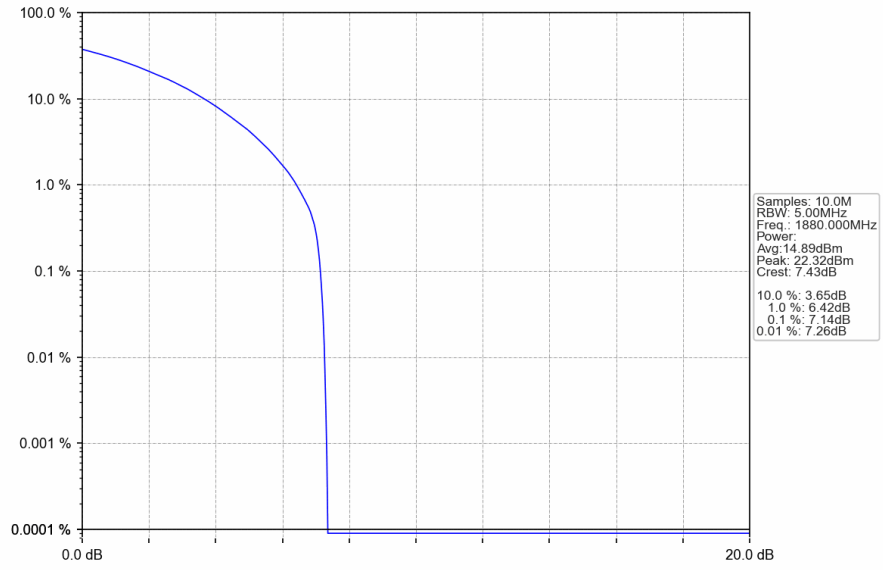
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1907.5MHz_Outer_Full



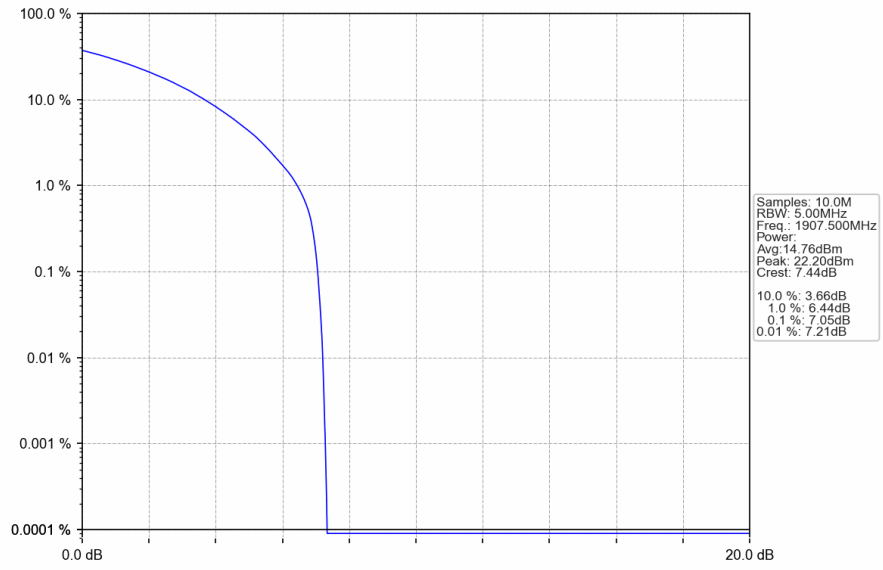
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full



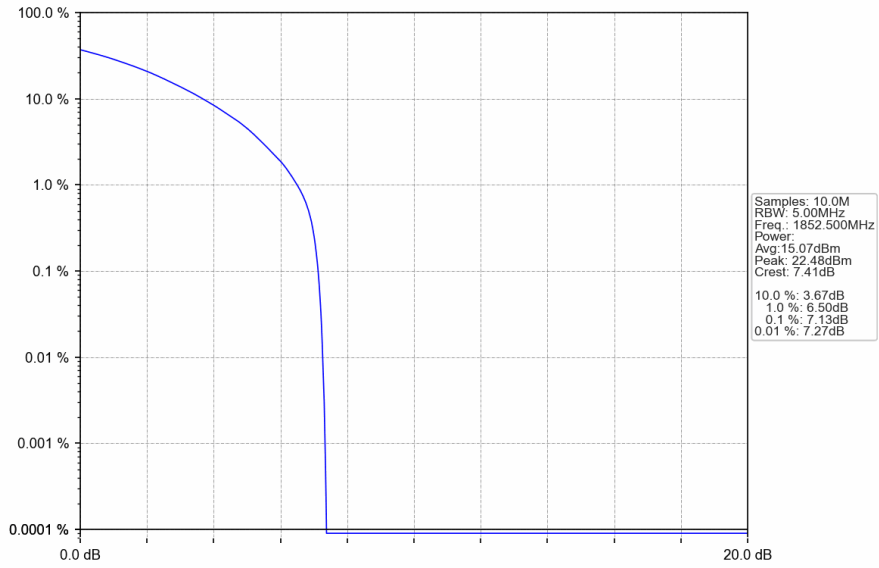
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1880MHz_Outer_Full



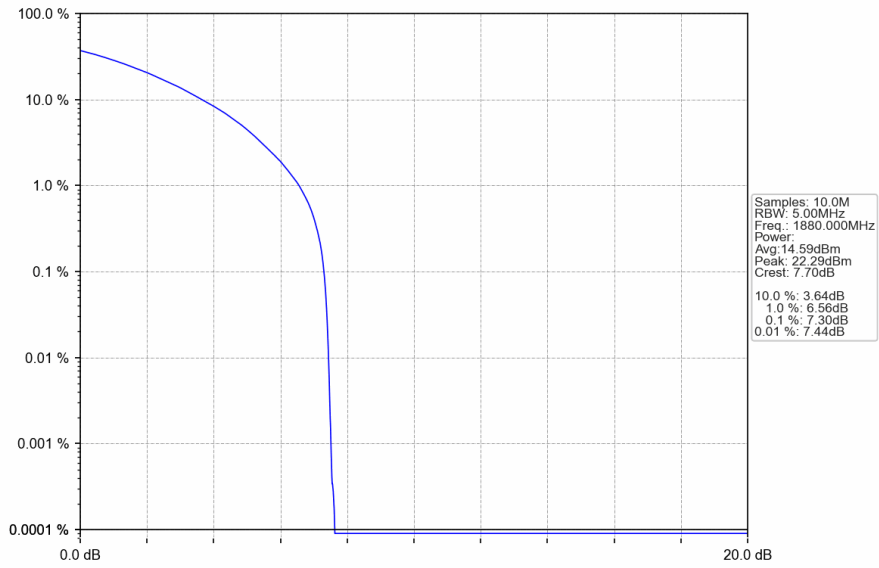
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1907.5MHz_Outer_Full



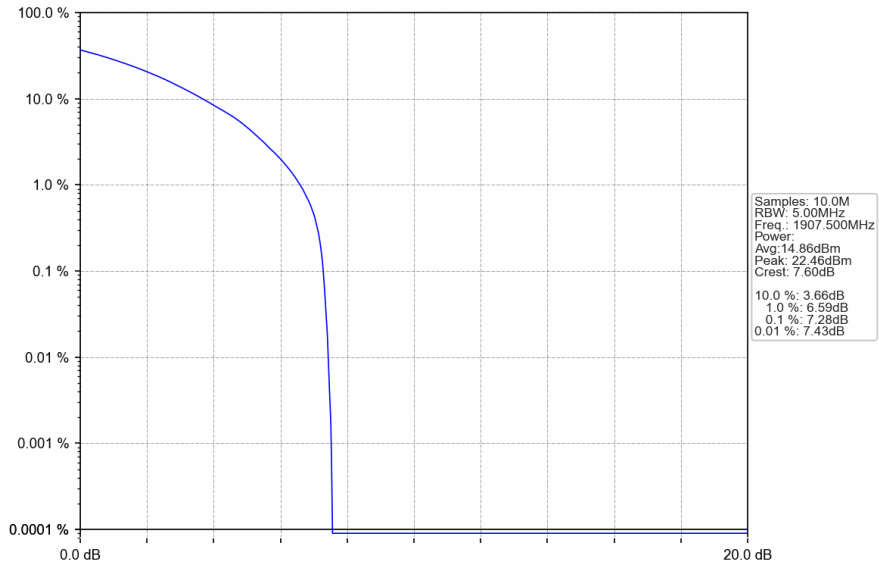
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1852.5MHz_Outer_Full



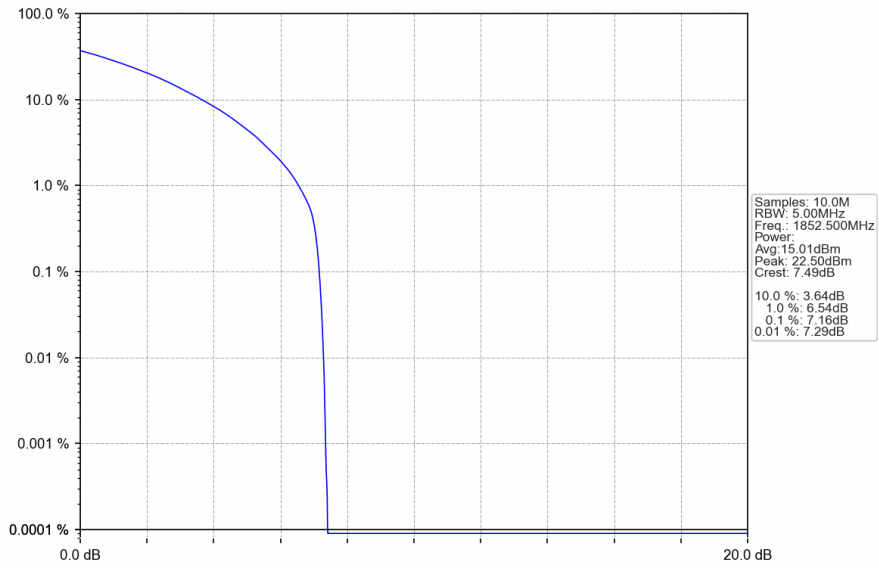
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full



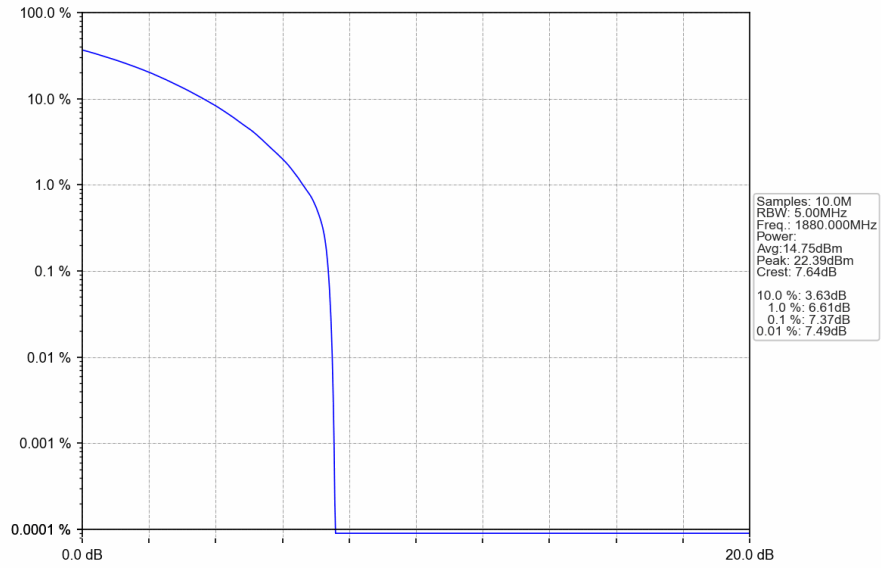
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1907.5MHz_Outer_Full



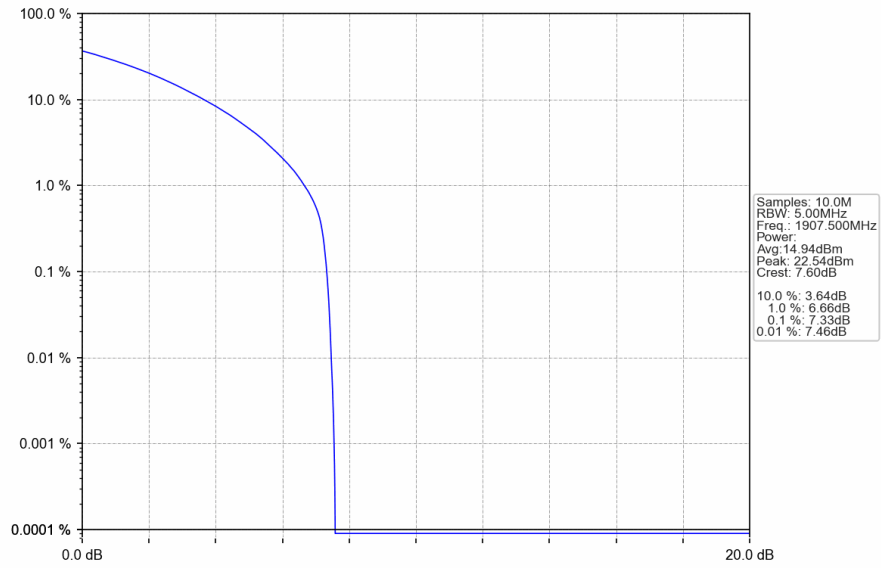
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1852.5MHz_Outer_Full



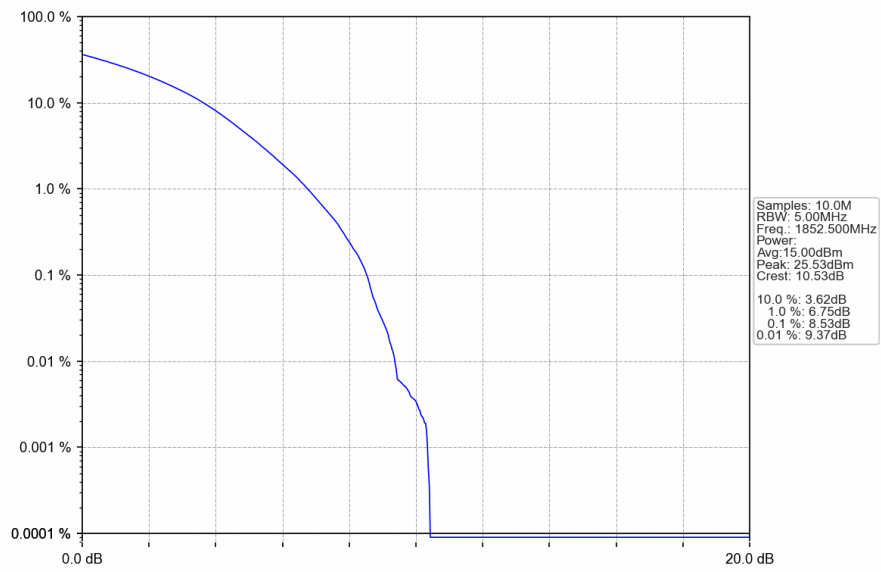
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full



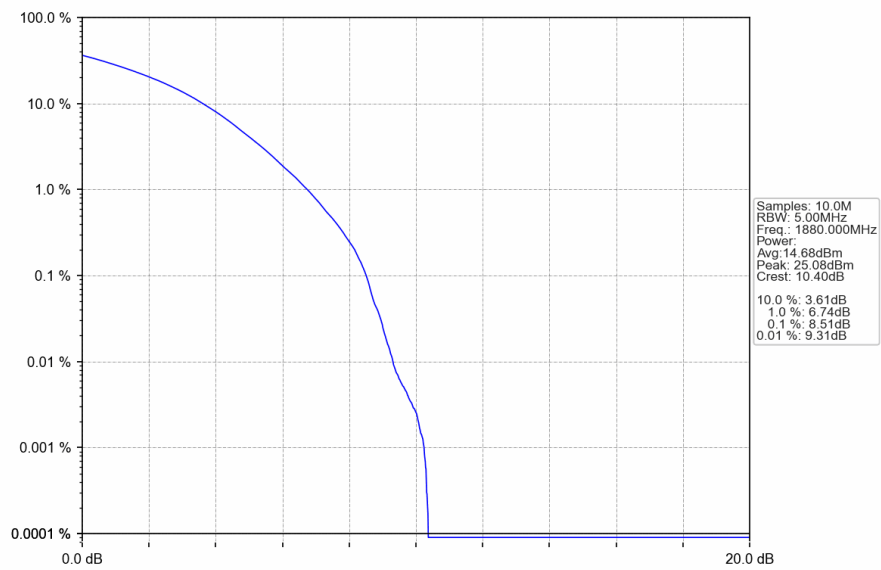
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1907.5MHz_Outer_Full



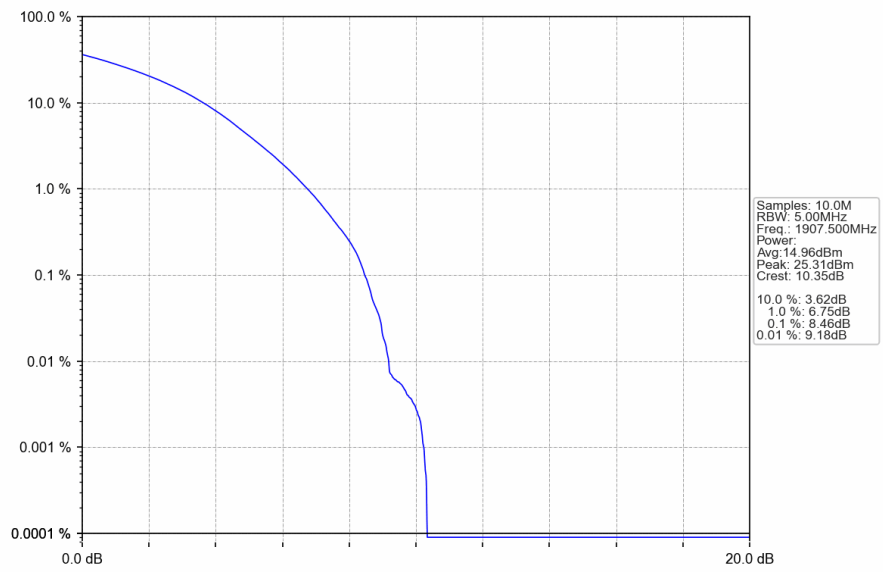
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1852.5MHz_Outer_Full



n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_5MHz_CP-OFDM_256QAM_1907.5MHz_Outer_Full

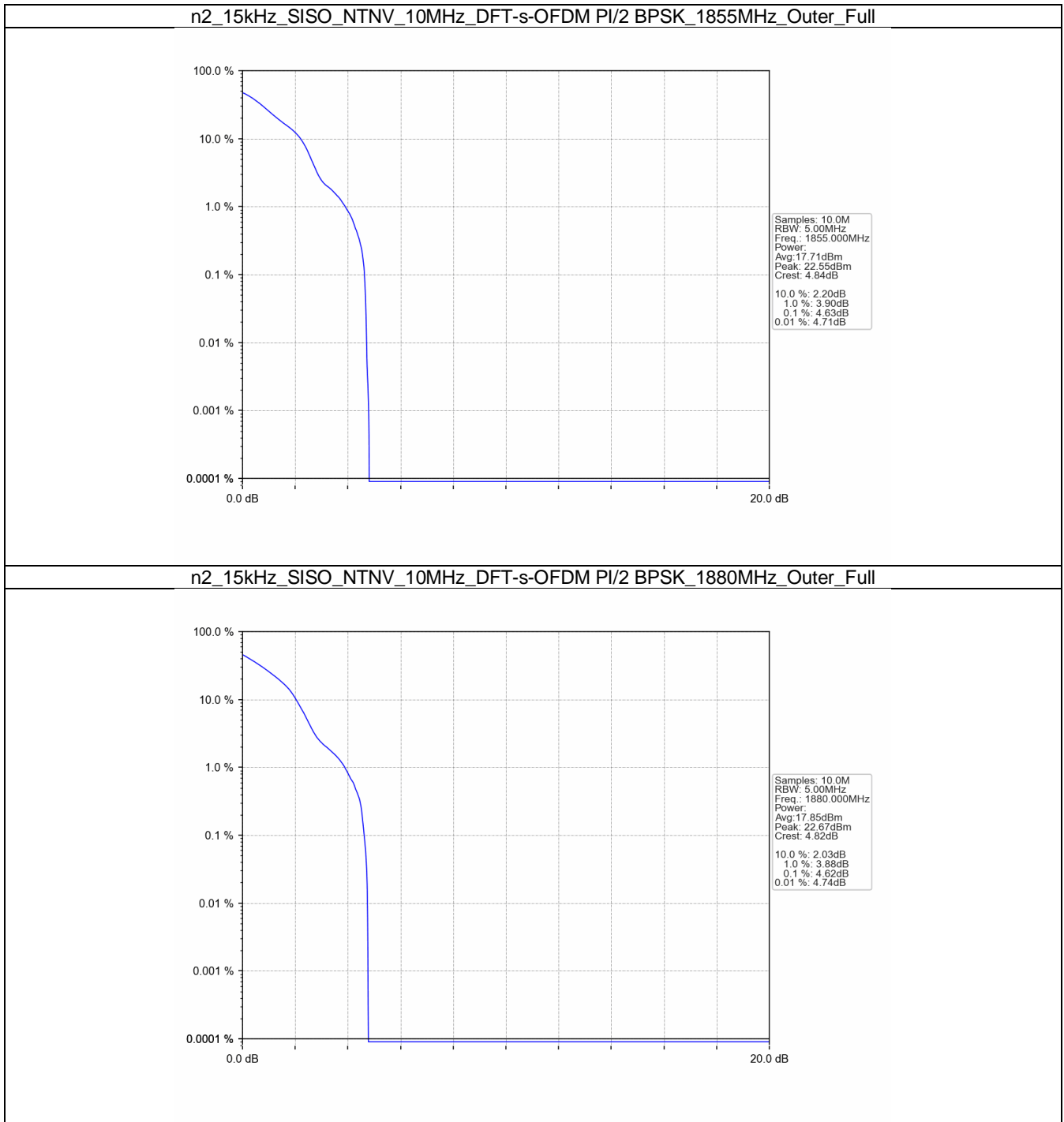


1.2 15k_SISO_10MHz_NTNV

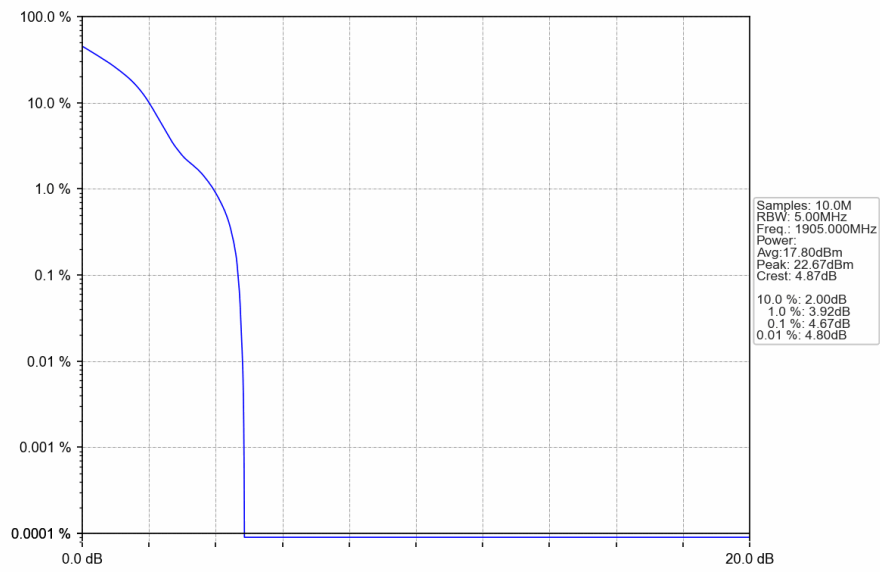
1.2.1 Test Result

5G NR n2 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1855	Outer_Full	4.63	/	/	<=13	Pass
	1880	Outer_Full	4.62	/	/	<=13	Pass
	1905	Outer_Full	4.67	/	/	<=13	Pass
DFT-s-OFDM QPSK	1855	Outer_Full	4.68	/	/	<=13	Pass
	1880	Outer_Full	4.73	/	/	<=13	Pass
	1905	Outer_Full	4.71	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	7.82	/	/	<=13	Pass
	1880	Outer_Full	6.15	/	/	<=13	Pass
	1905	Outer_Full	6.09	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	8.20	/	/	<=13	Pass
	1880	Outer_Full	6.42	/	/	<=13	Pass
	1905	Outer_Full	6.39	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	6.48	/	/	<=13	Pass
	1880	Outer_Full	6.43	/	/	<=13	Pass
	1905	Outer_Full	6.41	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer_Full	8.07	/	/	<=13	Pass
	1880	Outer_Full	7.90	/	/	<=13	Pass
	1905	Outer_Full	8.03	/	/	<=13	Pass
CP-OFDM 16 QAM	1855	Outer_Full	8.16	/	/	<=13	Pass
	1880	Outer_Full	8.03	/	/	<=13	Pass
	1905	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer_Full	8.04	/	/	<=13	Pass
	1880	Outer_Full	7.97	/	/	<=13	Pass
	1905	Outer_Full	8.10	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer_Full	8.54	/	/	<=13	Pass
	1880	Outer_Full	8.54	/	/	<=13	Pass
	1905	Outer_Full	8.53	/	/	<=13	Pass

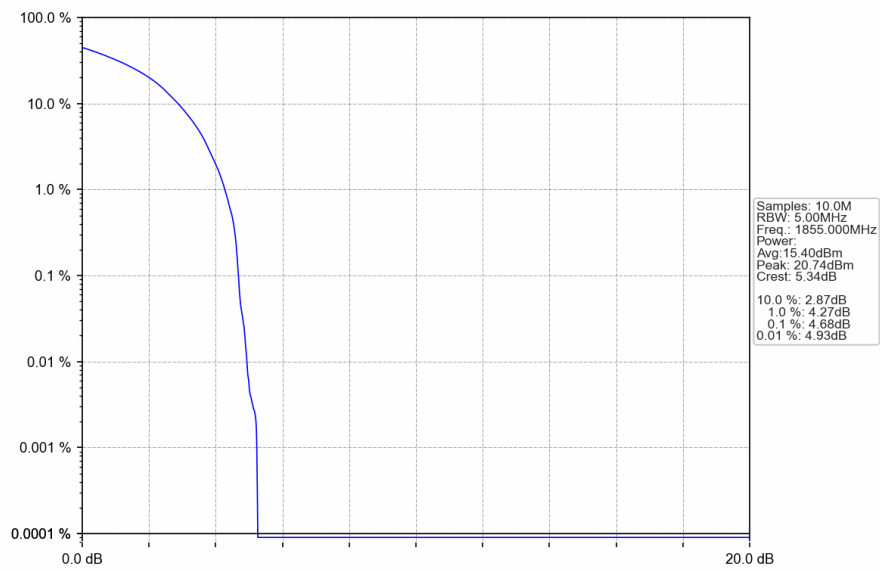
1.2.2 Test Graph



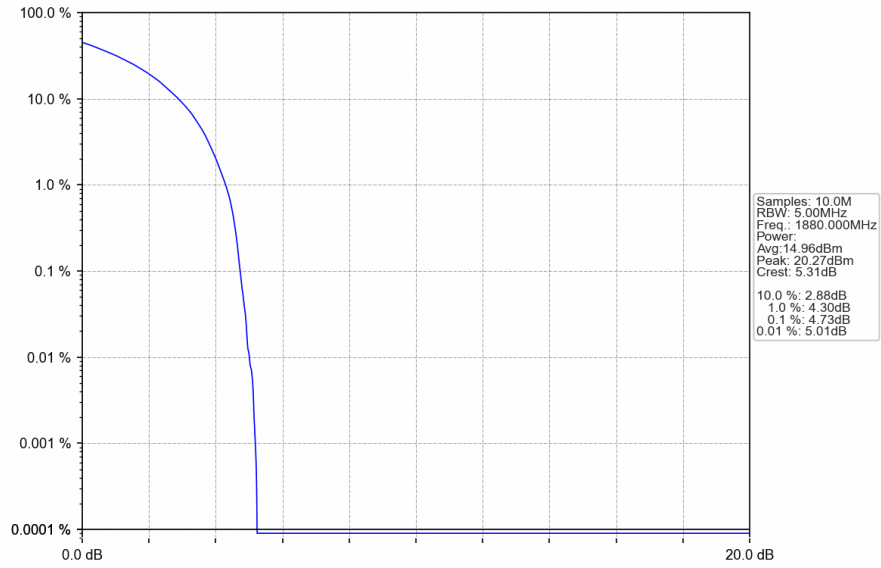
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Outer_Full



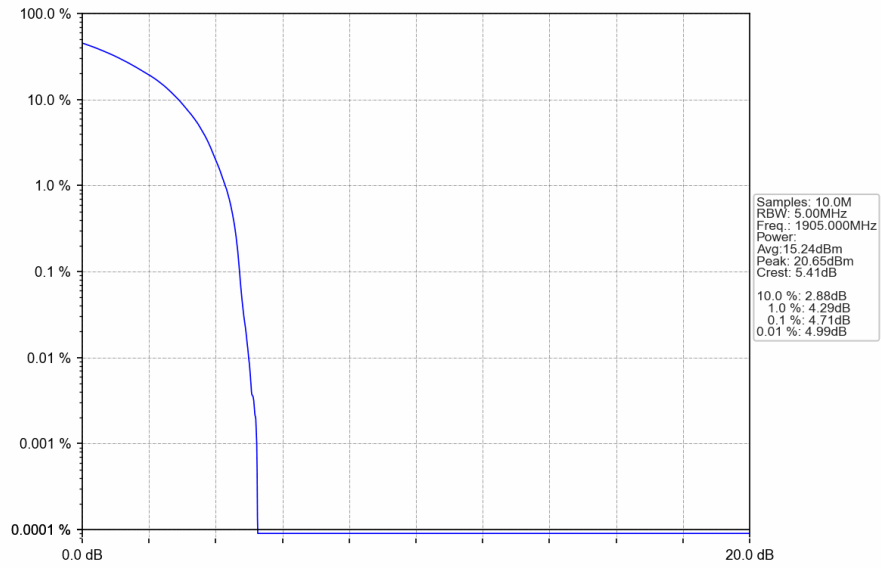
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full



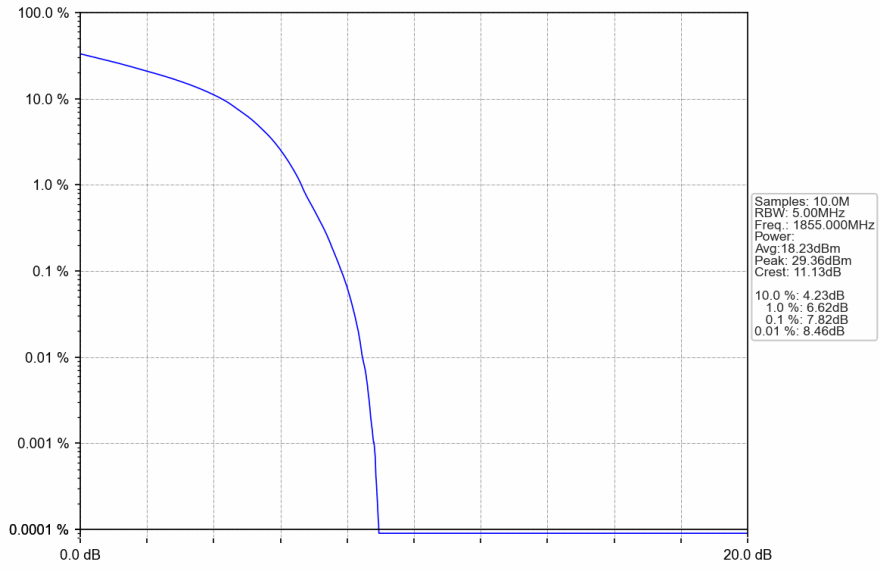
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1880MHz_Outer_Full



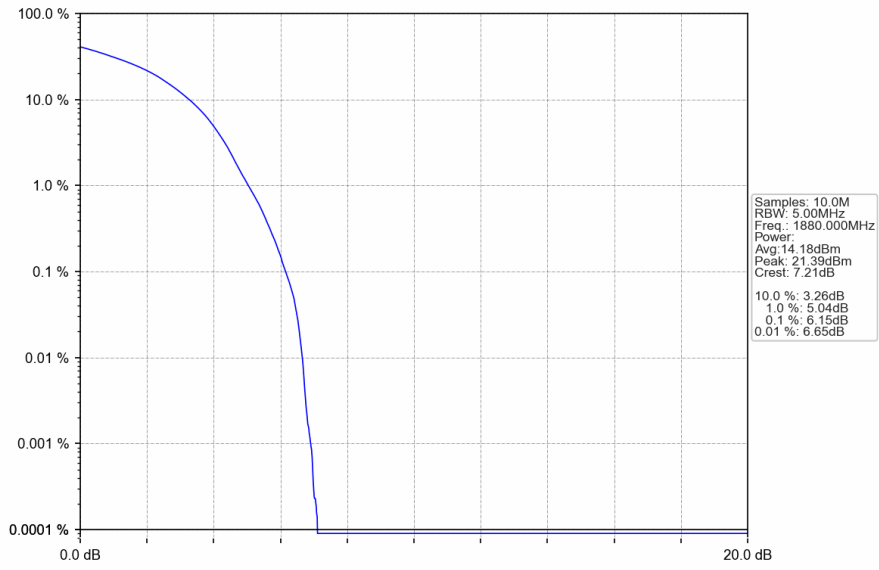
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1905MHz_Outer_Full



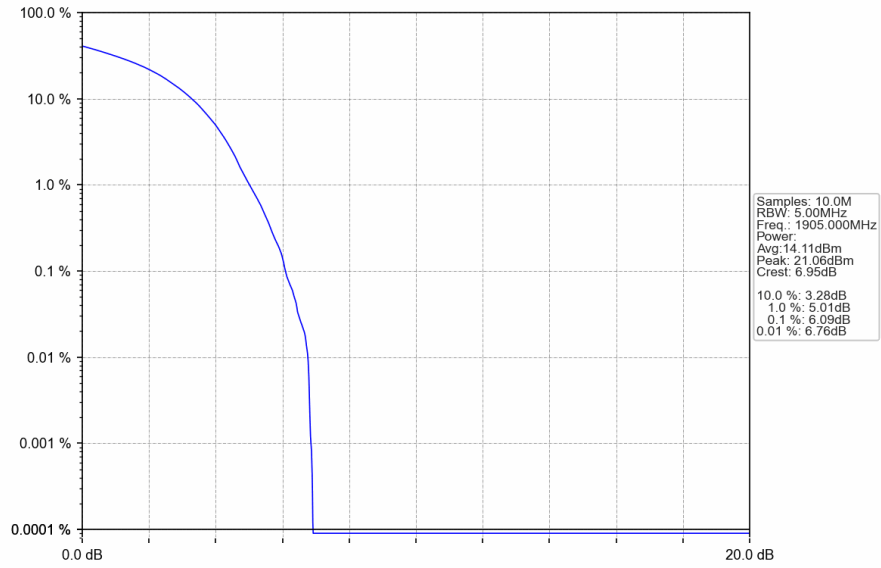
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16 QAM_1855MHz_Outer_Full



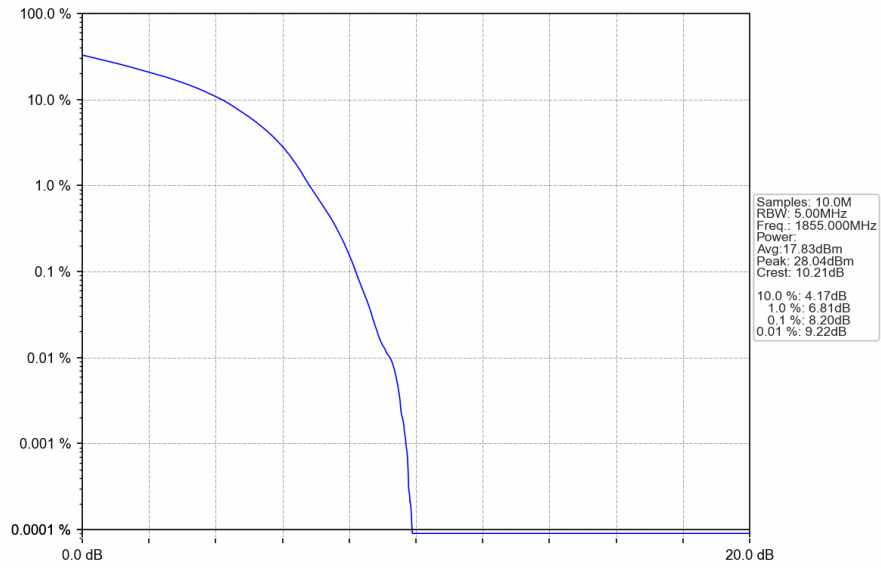
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16 QAM_1880MHz_Outer_Full



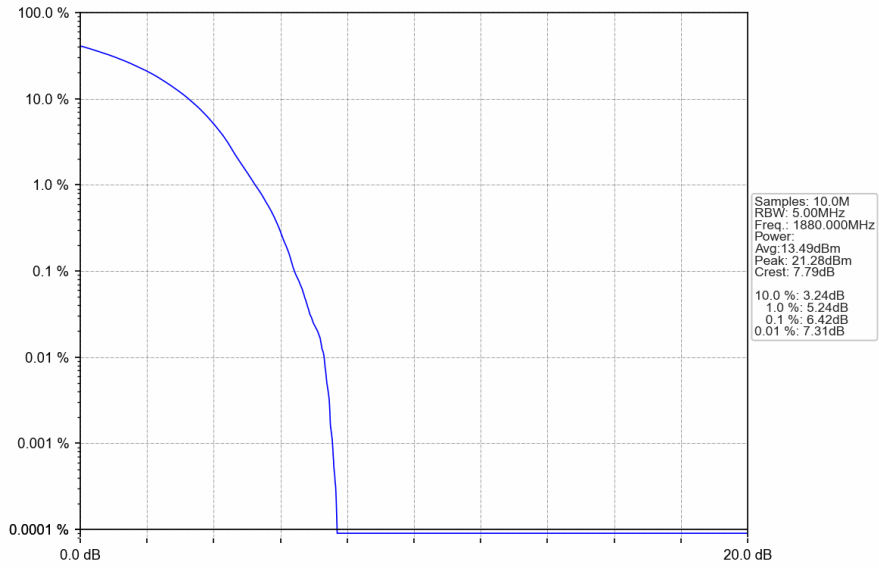
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full



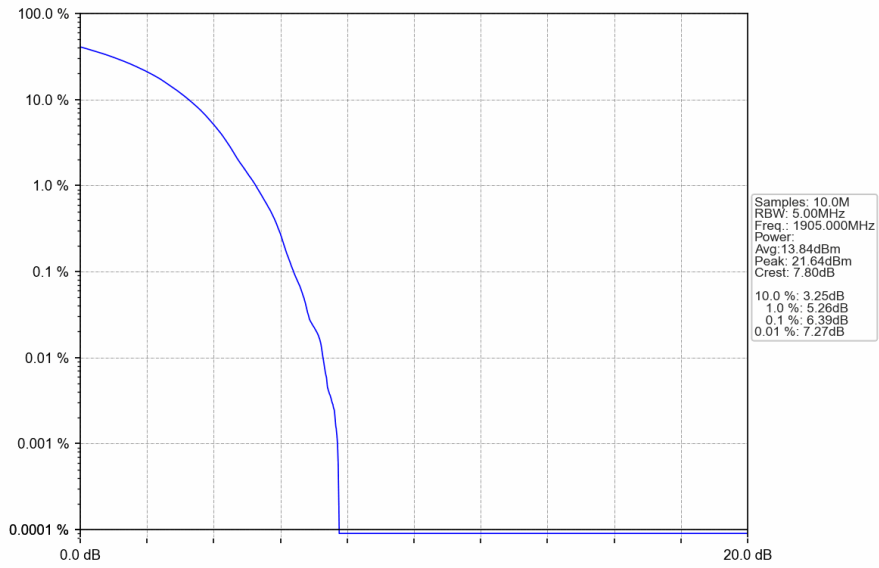
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1855MHz_Outer_Full



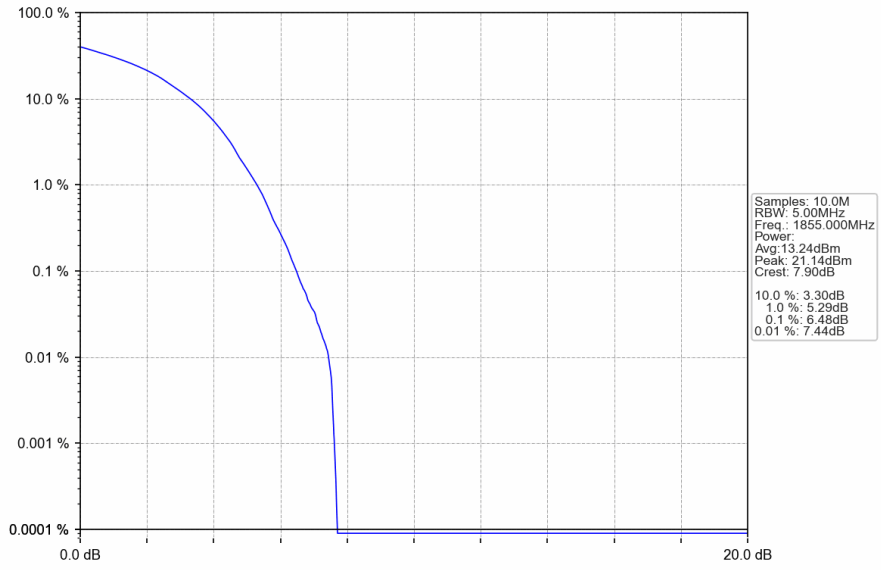
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full



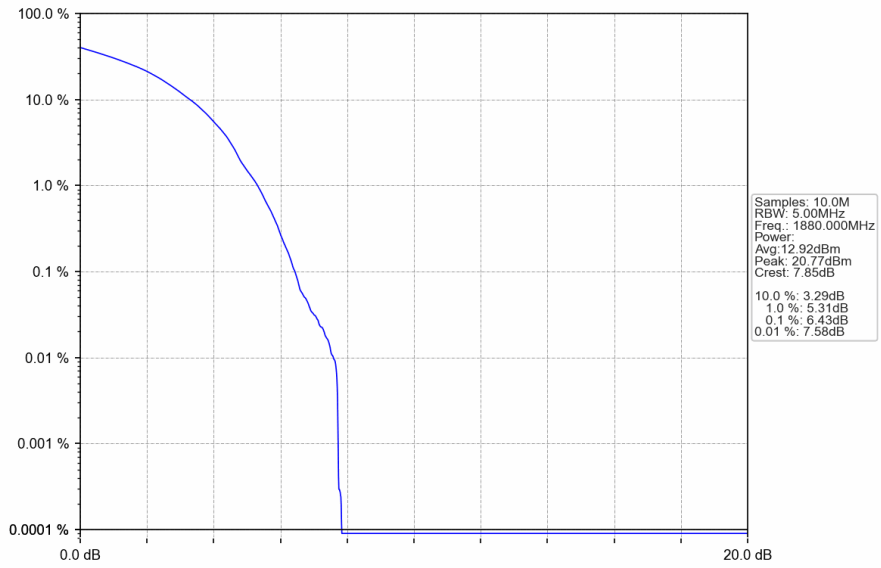
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1905MHz_Outer_Full



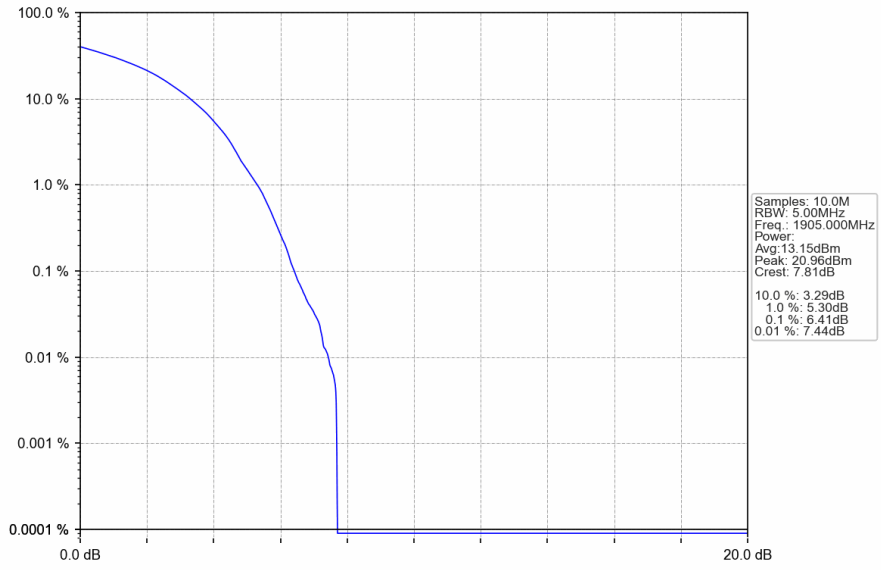
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full



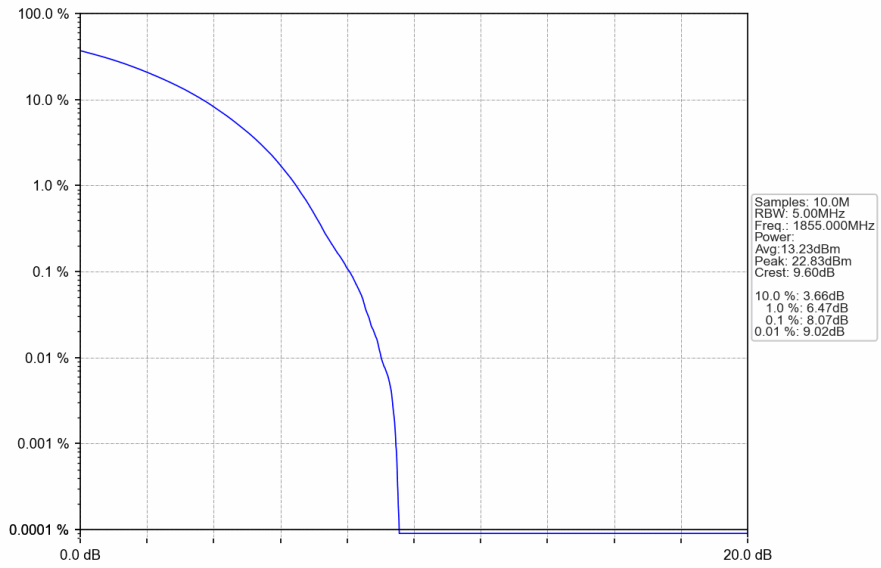
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full



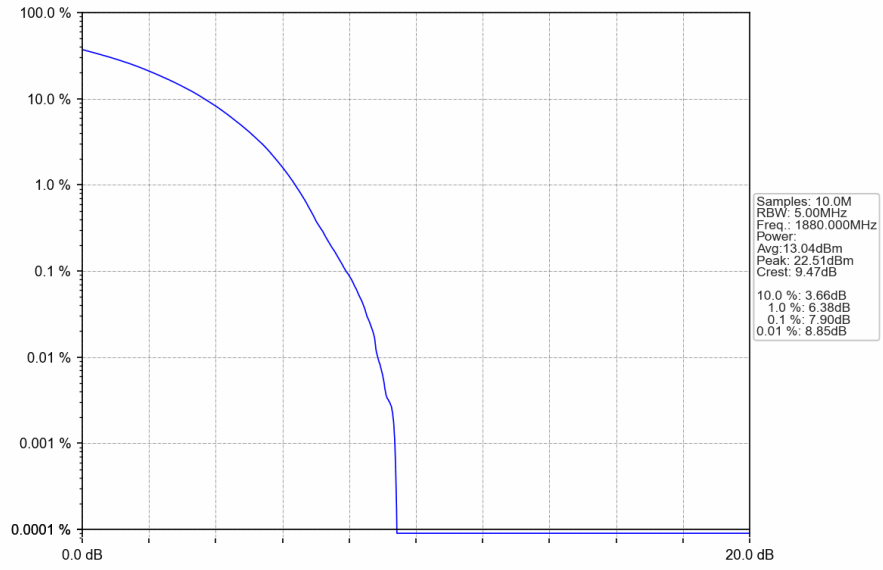
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1905MHz_Outer_Full



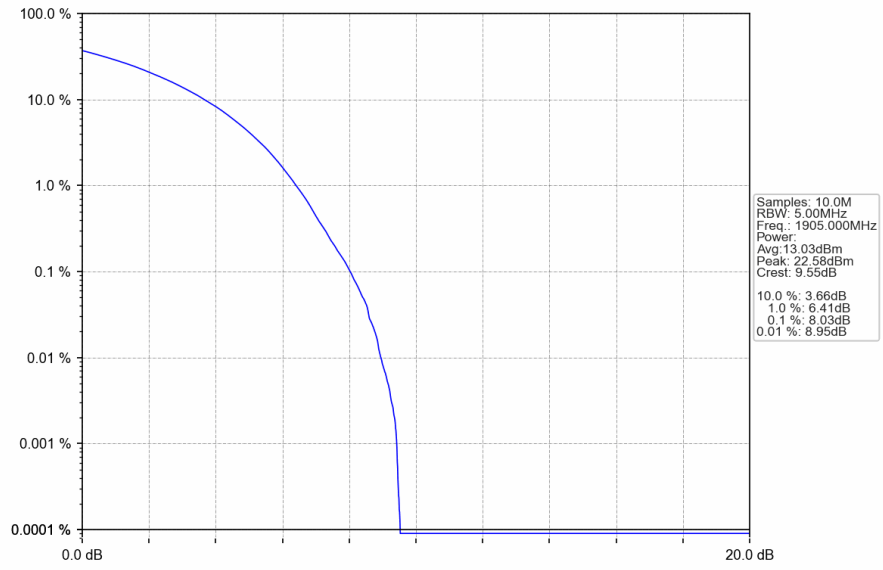
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full



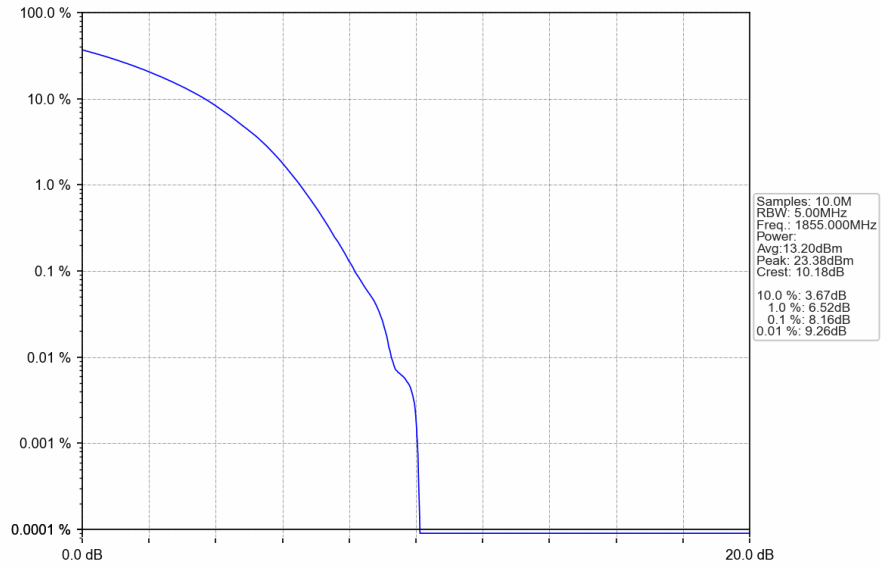
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1880MHz_Outer_Full



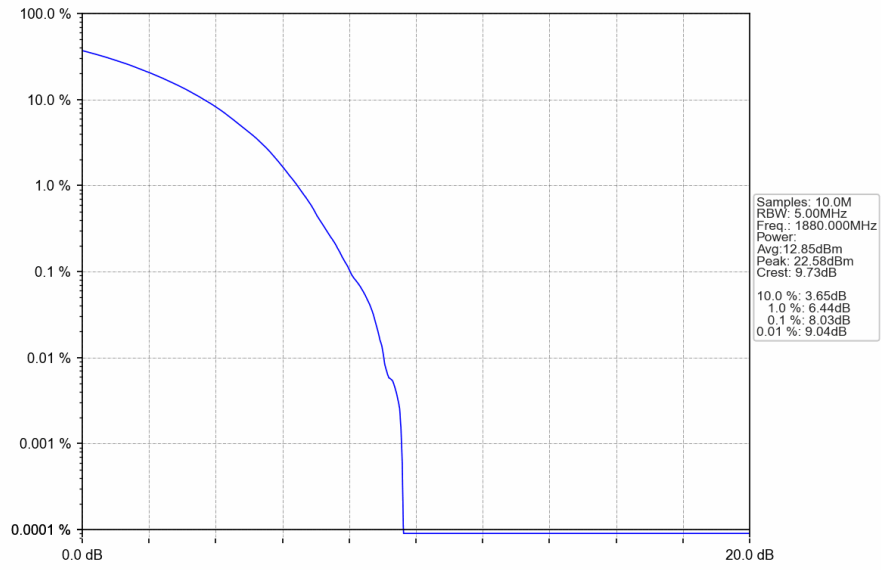
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1905MHz_Outer_Full



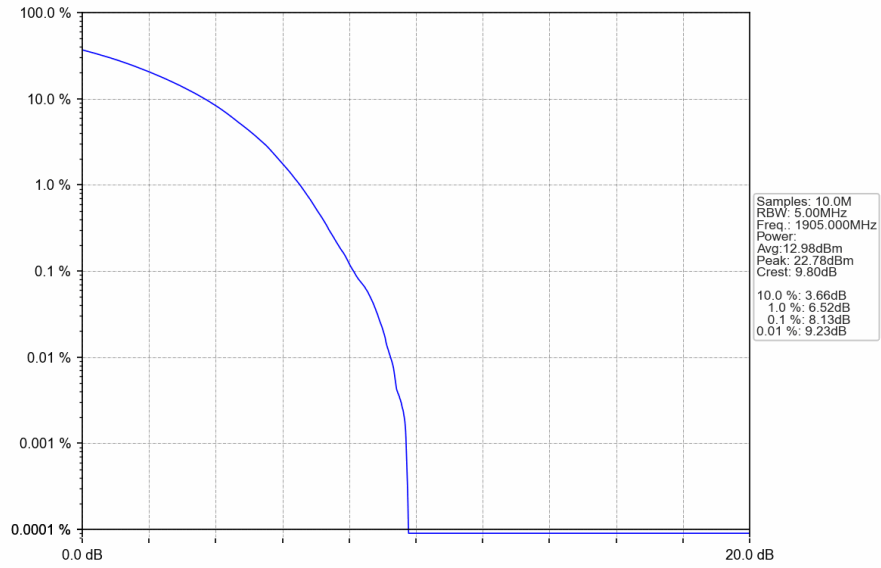
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1855MHz_Outer_Full



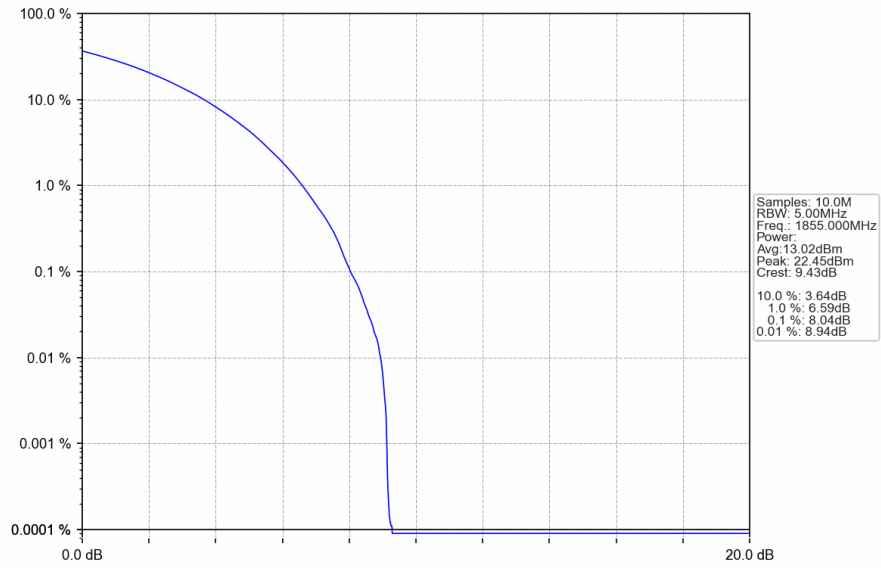
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full



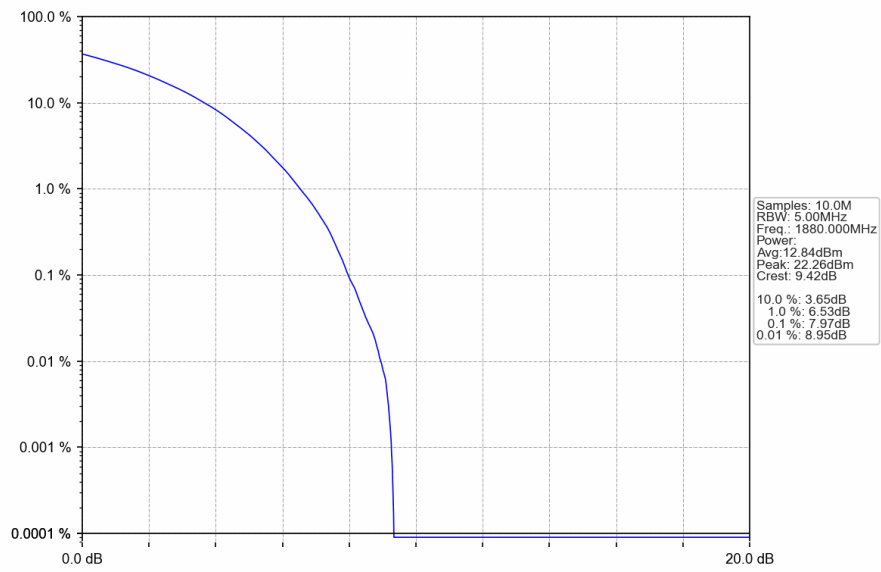
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1905MHz_Outer_Full



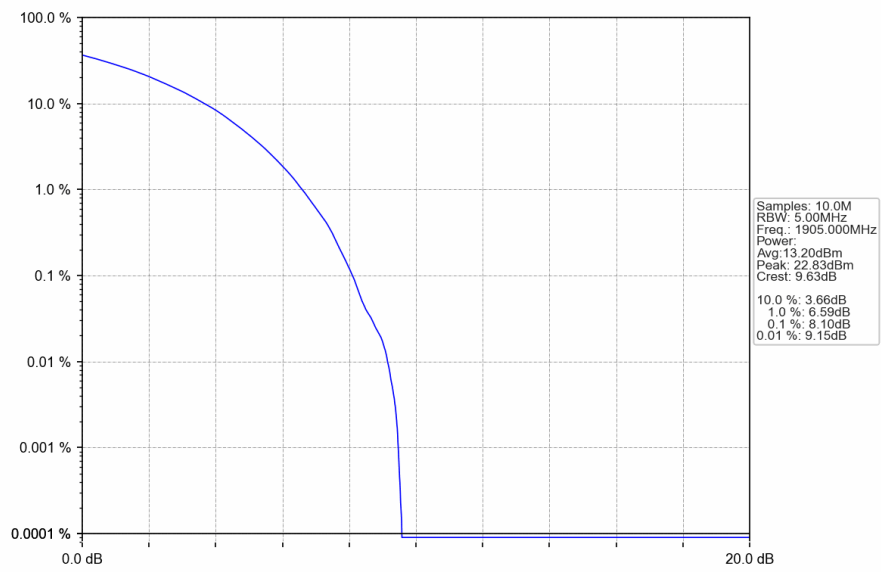
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1855MHz_Outer_Full



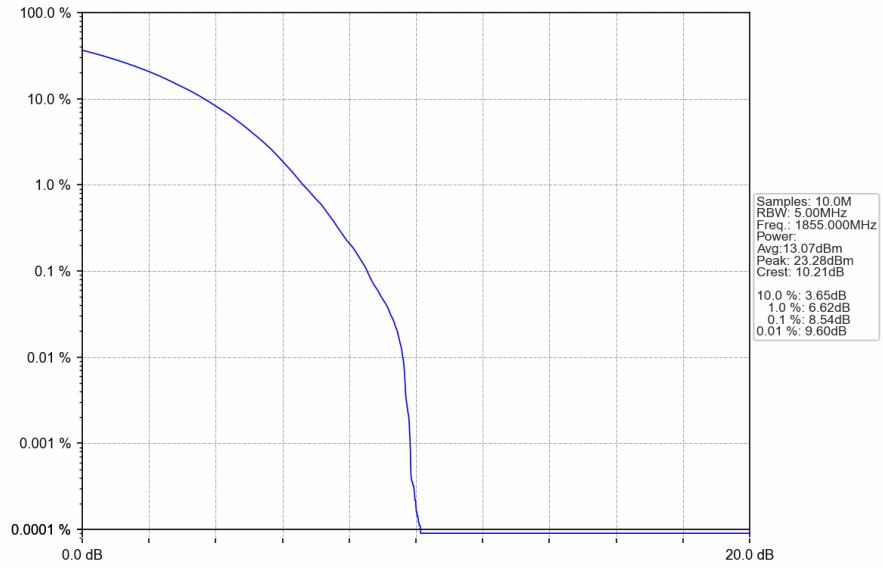
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full



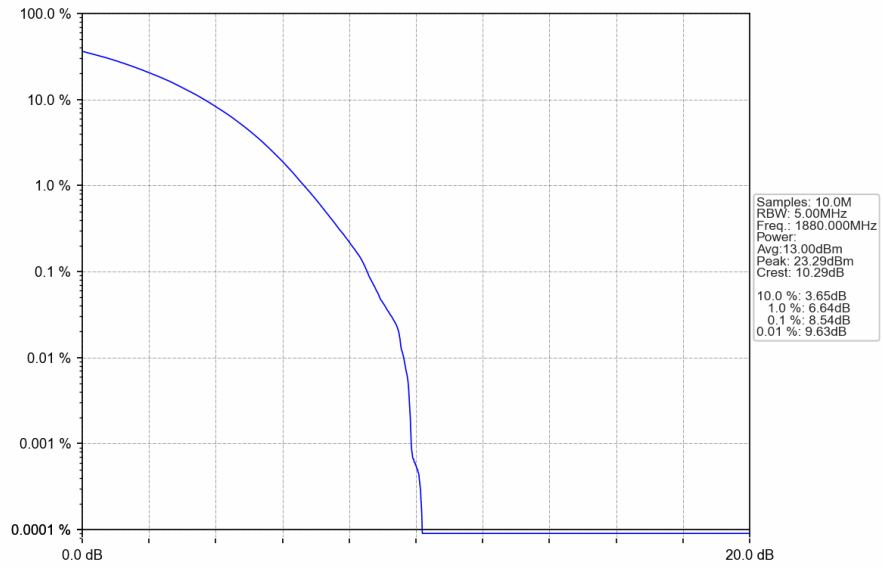
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1905MHz_Outer_Full



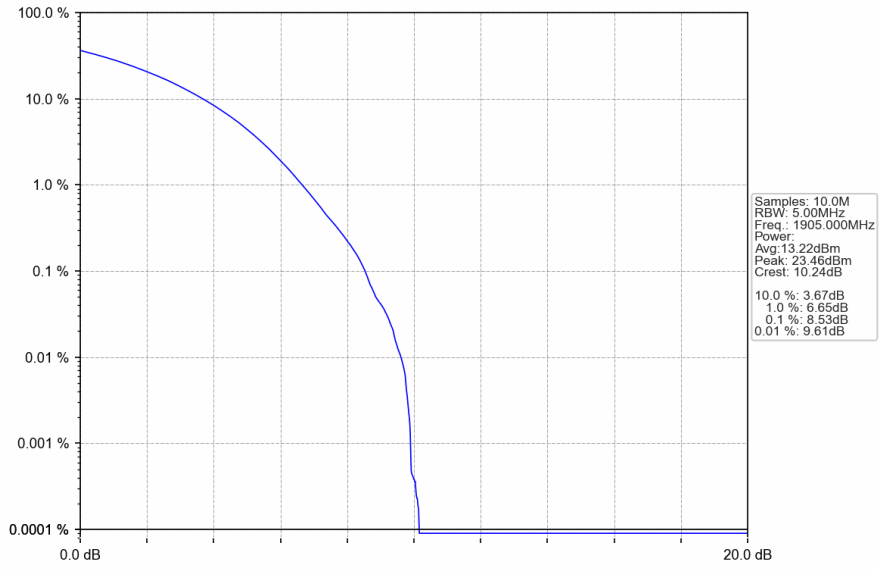
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1855MHz_Outer_Full



n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_1905MHz_Outer_Full



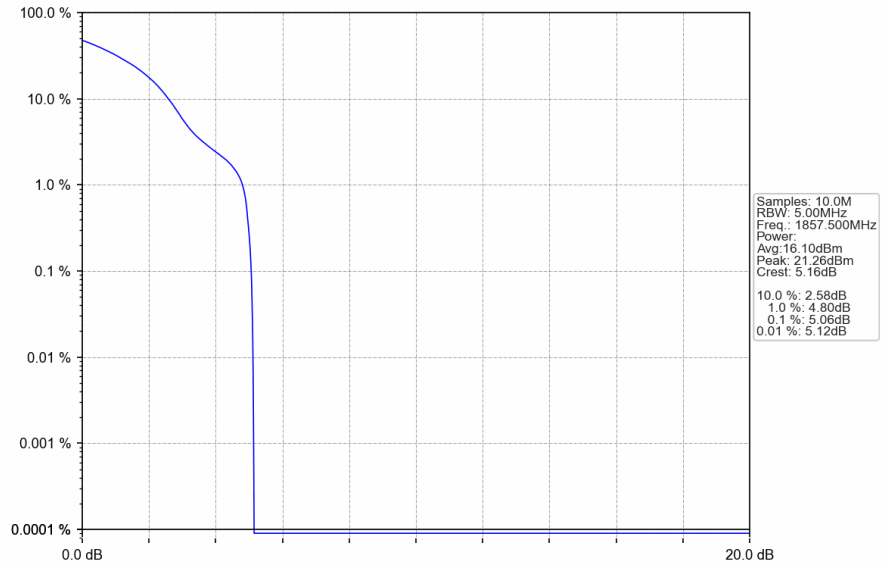
1.3 15k_SISO_15MHz_NTNV

1.3.1 Test Result

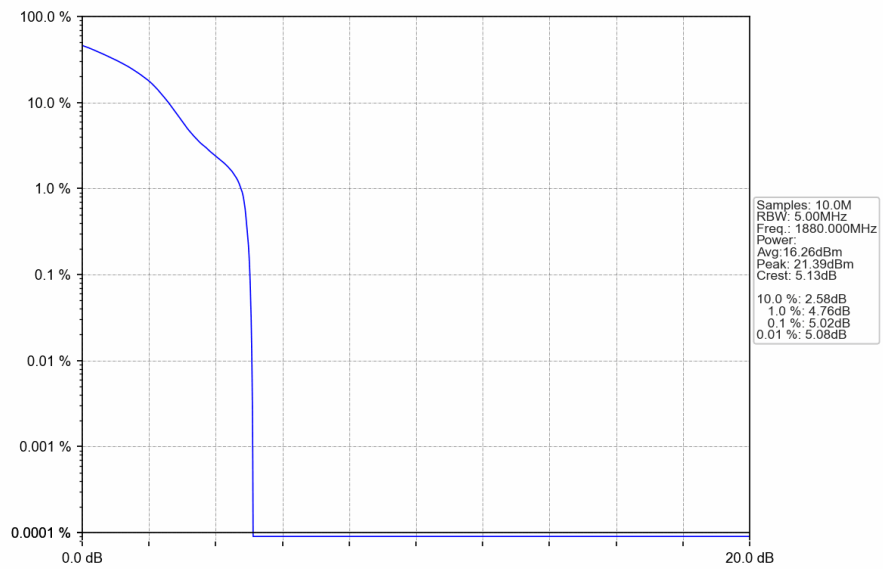
5G NR n2 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Outer_Full	5.06	/	/	<=13	Pass
	1880	Outer_Full	5.02	/	/	<=13	Pass
	1902.5	Outer_Full	5.12	/	/	<=13	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	5.64	/	/	<=13	Pass
	1880	Outer_Full	5.69	/	/	<=13	Pass
	1902.5	Outer_Full	5.74	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	6.73	/	/	<=13	Pass
	1880	Outer_Full	6.77	/	/	<=13	Pass
	1902.5	Outer_Full	6.80	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	6.79	/	/	<=13	Pass
	1880	Outer_Full	6.85	/	/	<=13	Pass
	1902.5	Outer_Full	6.86	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	6.88	/	/	<=13	Pass
	1880	Outer_Full	6.95	/	/	<=13	Pass
	1902.5	Outer_Full	6.94	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer_Full	7.91	/	/	<=13	Pass
	1880	Outer_Full	7.87	/	/	<=13	Pass
	1902.5	Outer_Full	7.94	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	8.23	/	/	<=13	Pass
	1880	Outer_Full	8.26	/	/	<=13	Pass
	1902.5	Outer_Full	8.26	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	8.18	/	/	<=13	Pass
	1880	Outer_Full	8.18	/	/	<=13	Pass
	1902.5	Outer_Full	8.16	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	8.30	/	/	<=13	Pass
	1880	Outer_Full	8.33	/	/	<=13	Pass
	1902.5	Outer_Full	8.34	/	/	<=13	Pass

1.3.2 Test Graph

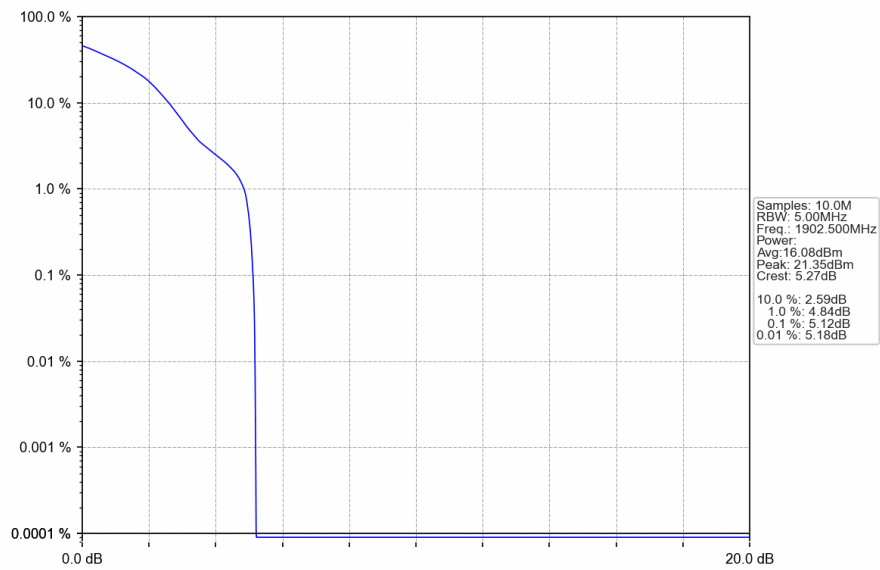
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Outer_Full



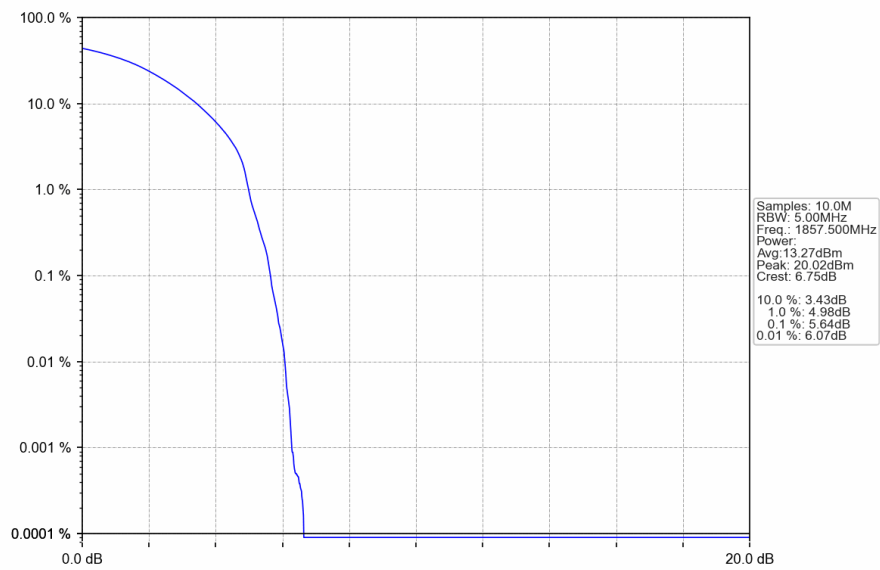
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Outer_Full



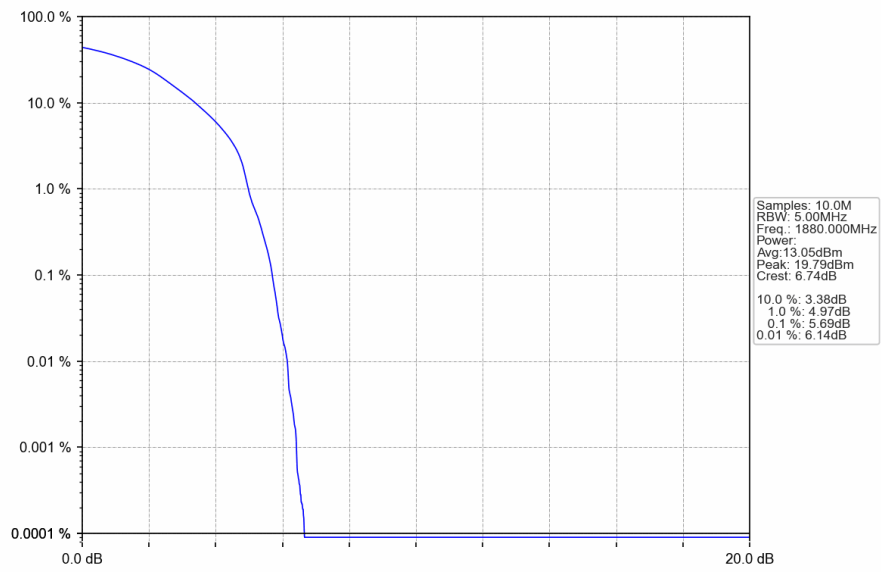
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1902.5MHz_Outer_Full



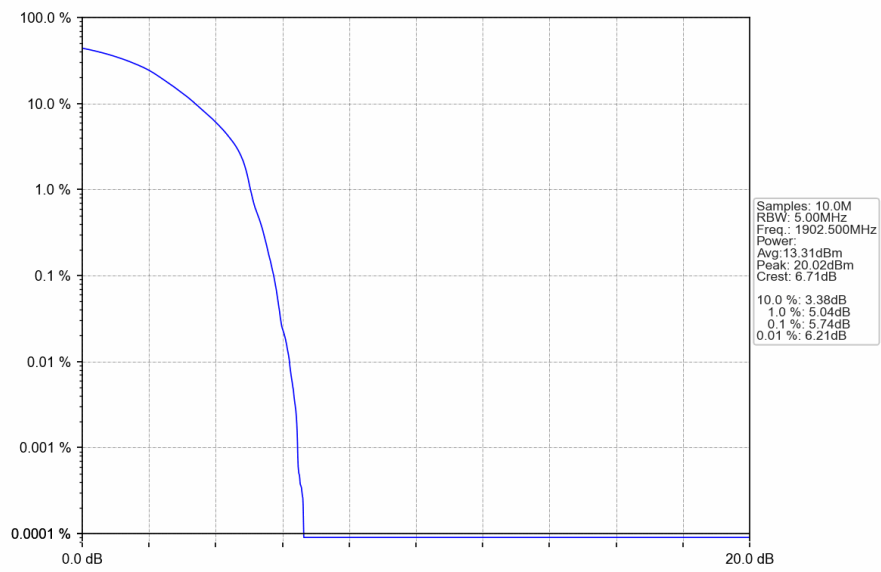
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full



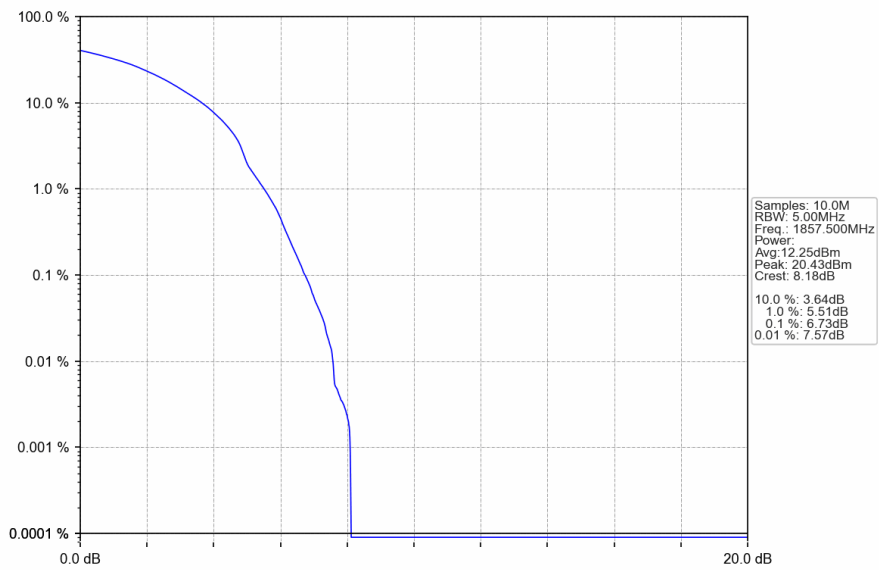
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full



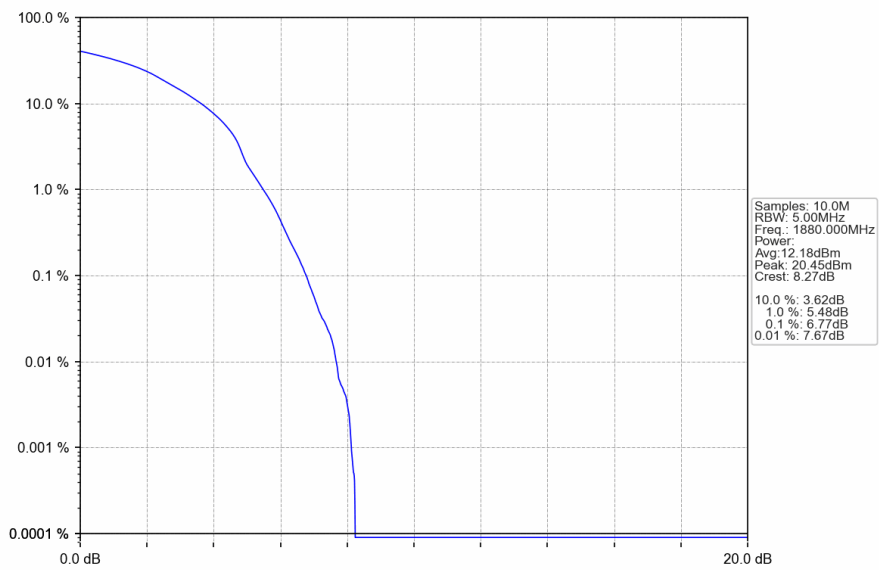
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1902.5MHz_Outer_Full



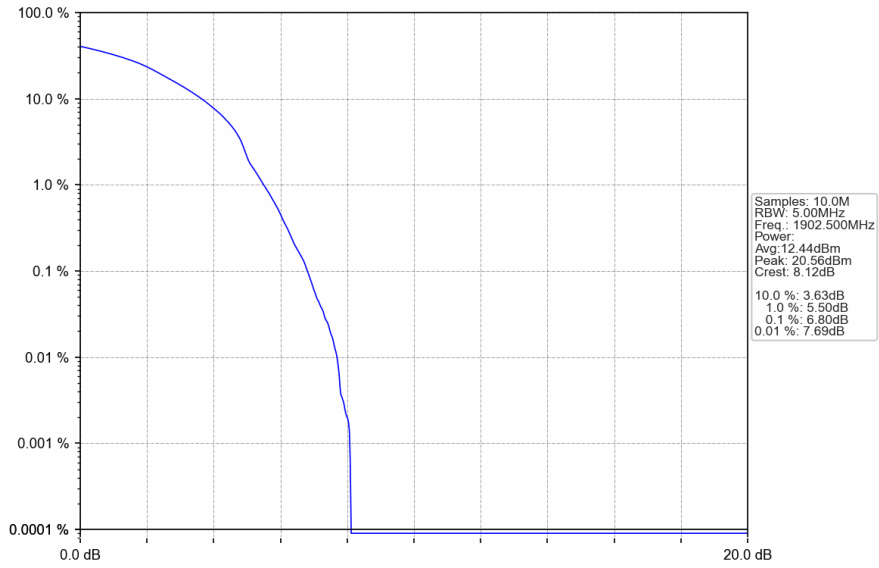
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16 QAM_1857.5MHz_Outer_Full



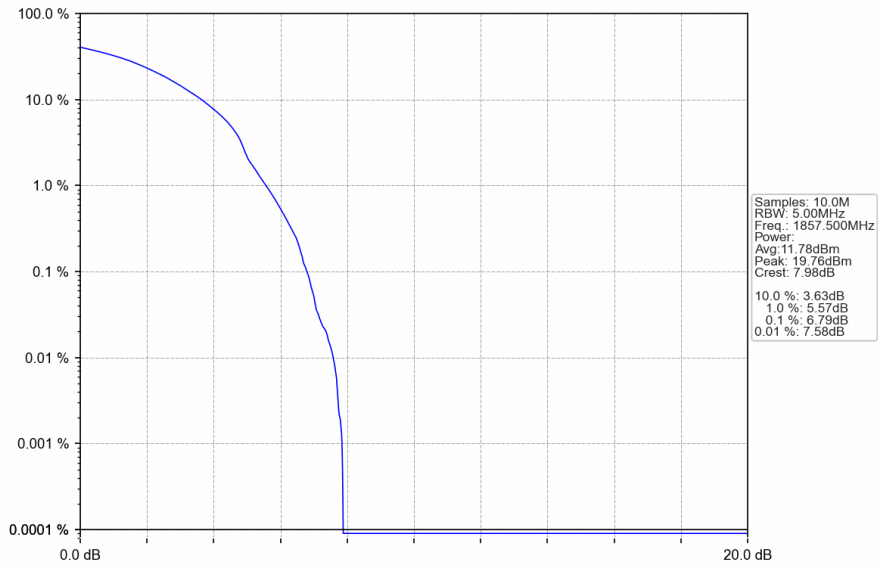
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16 QAM_1880MHz_Outer_Full



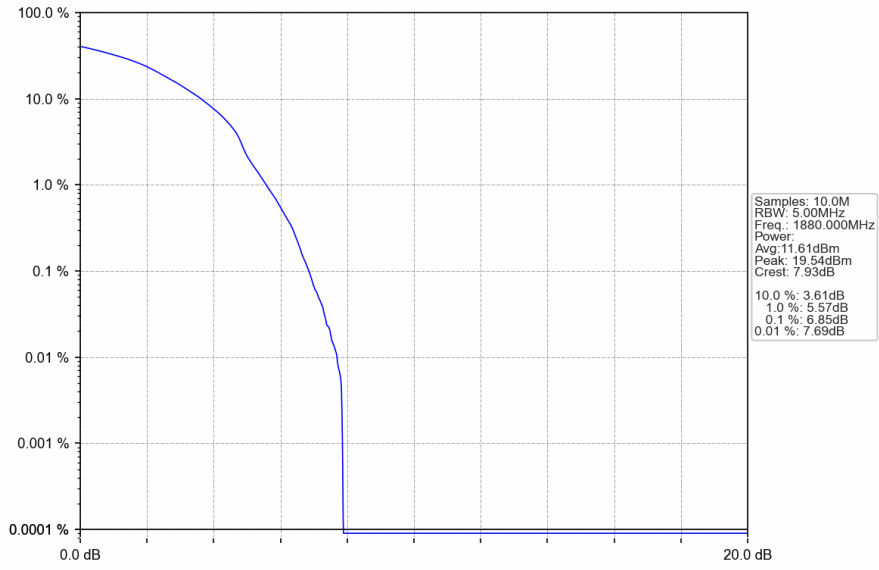
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1902.5MHz_Outer_Full



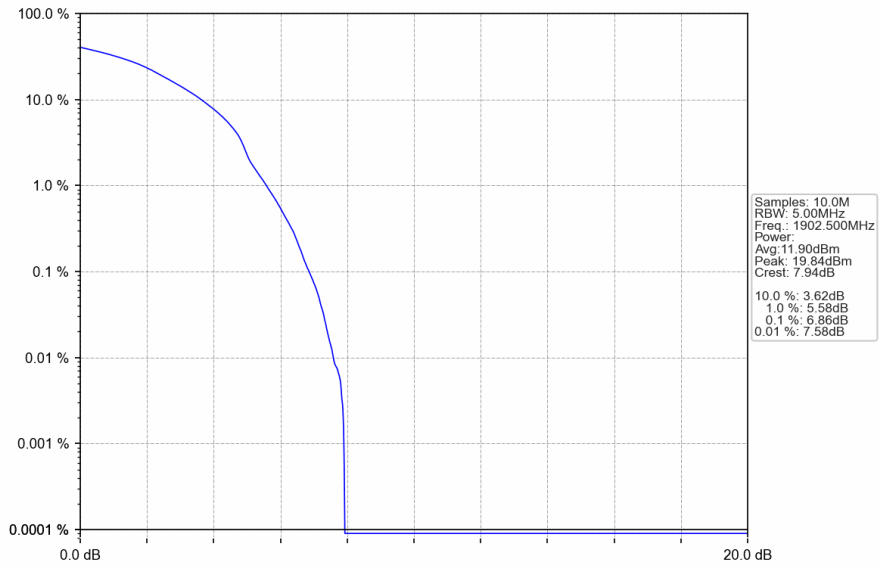
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1857.5MHz_Outer_Full



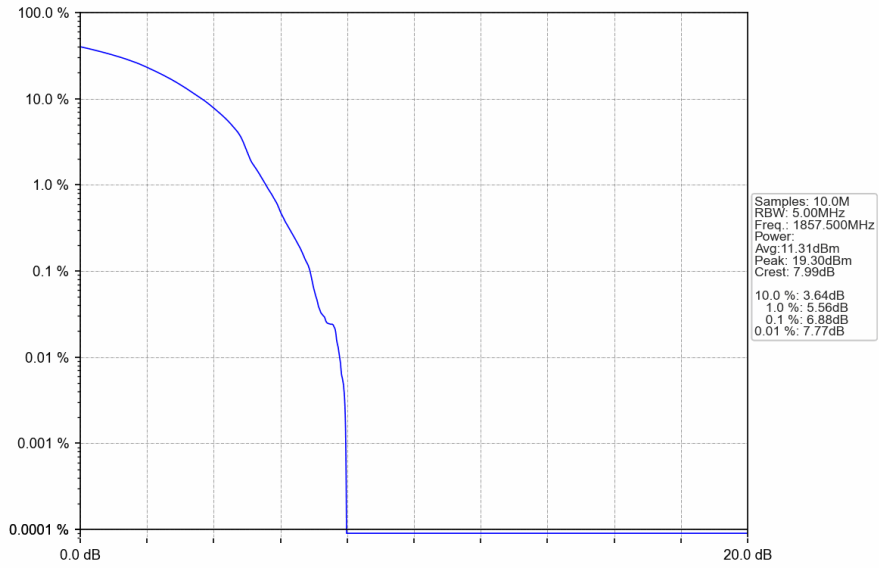
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full



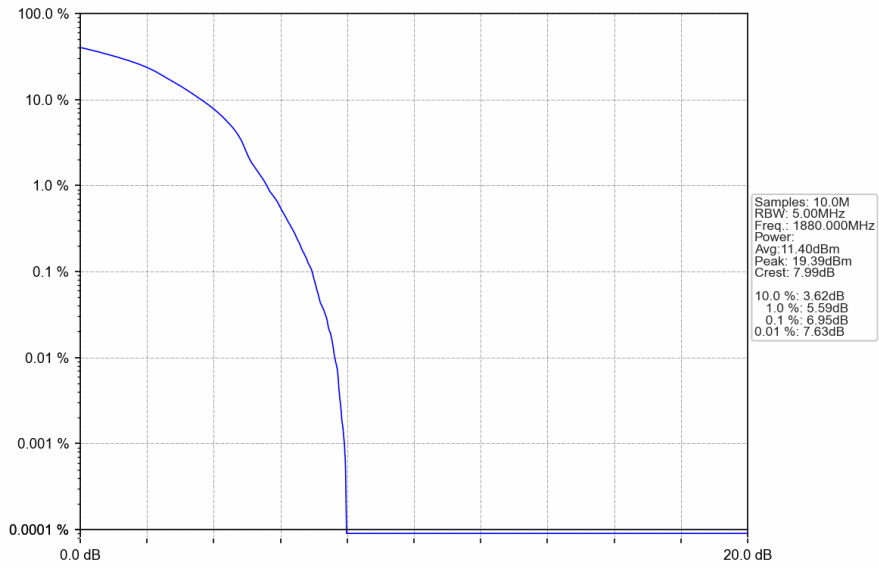
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1902.5MHz_Outer_Full



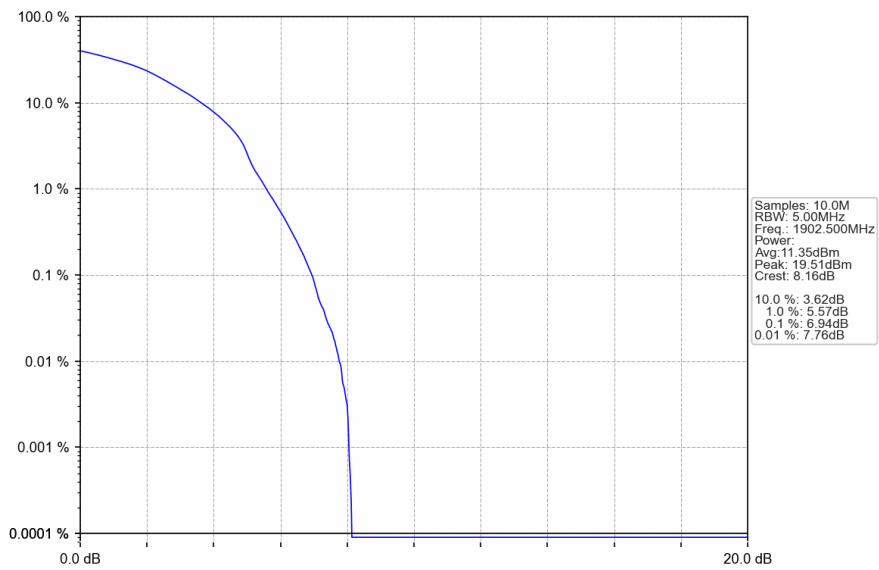
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1857.5MHz_Outer_Full



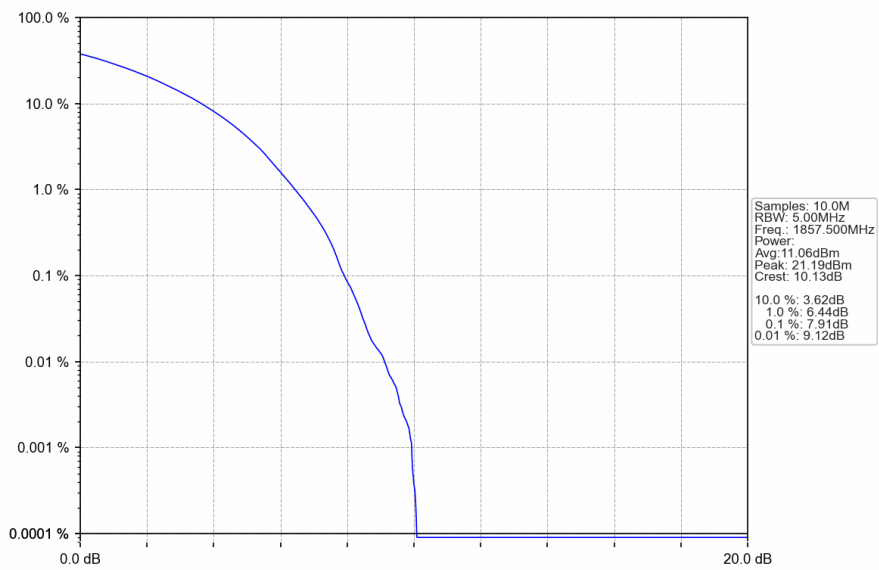
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full



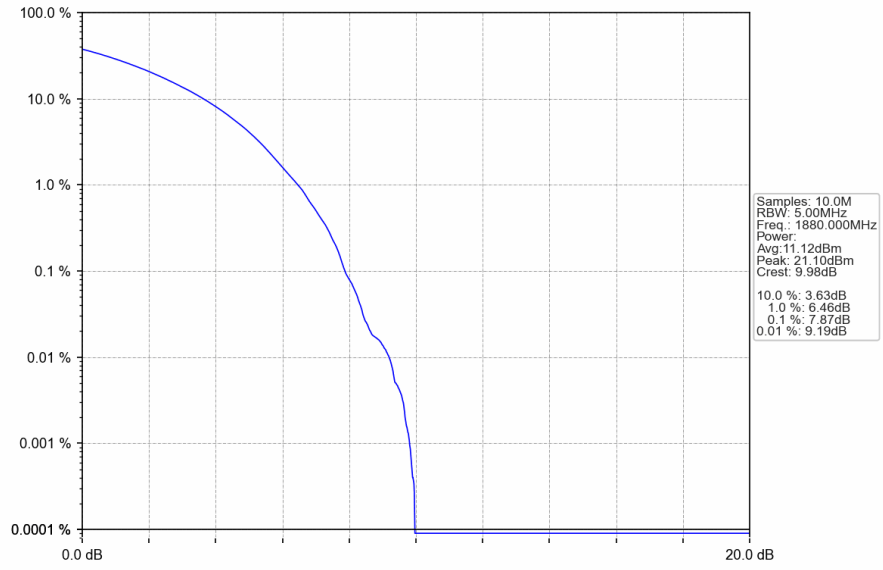
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1902.5MHz_Outer_Full



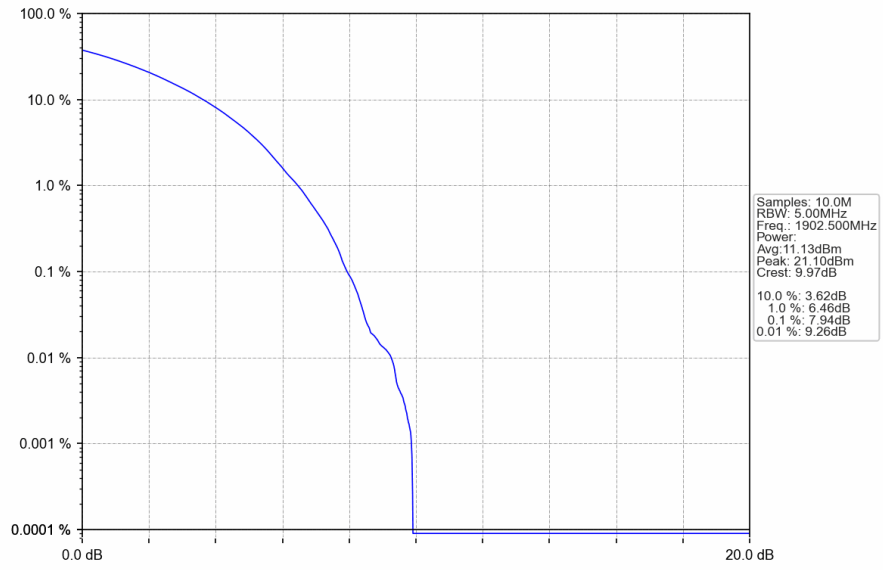
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full



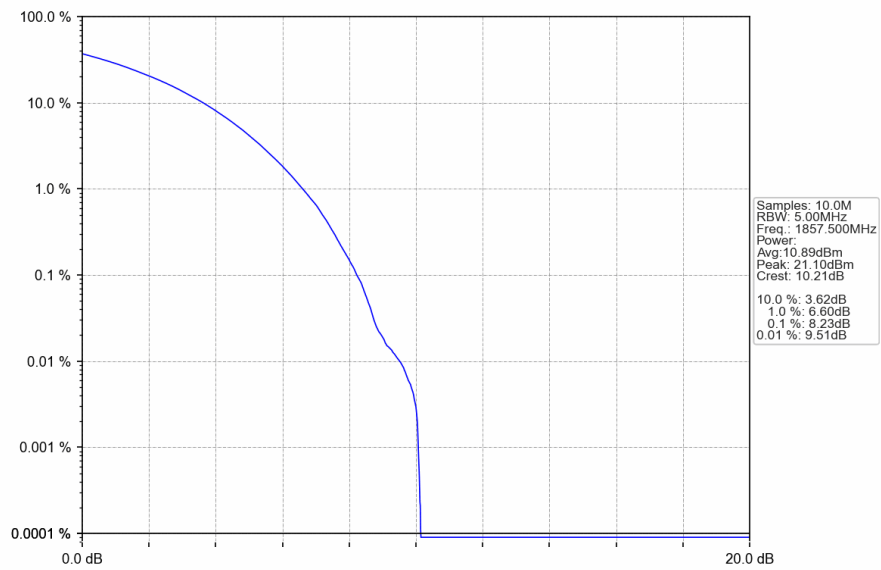
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1880MHz_Outer_Full



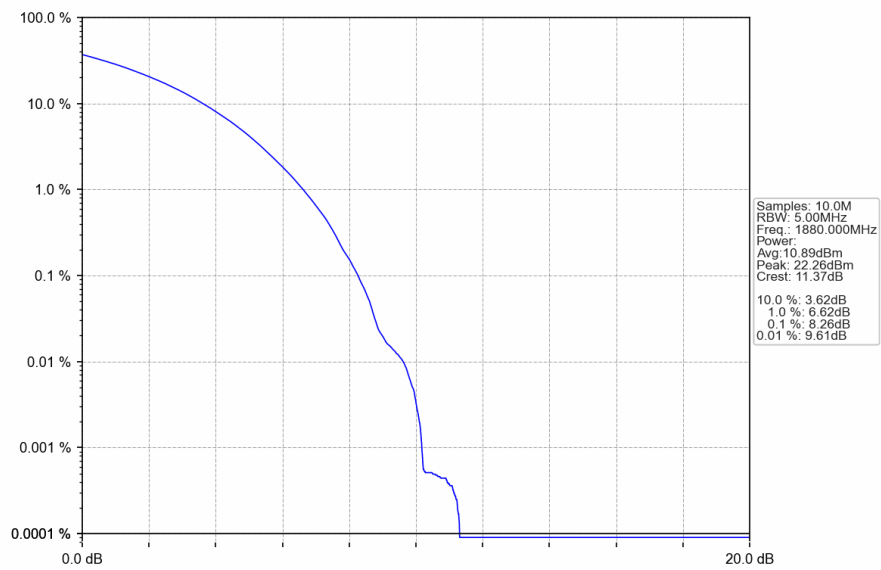
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1902.5MHz_Outer_Full



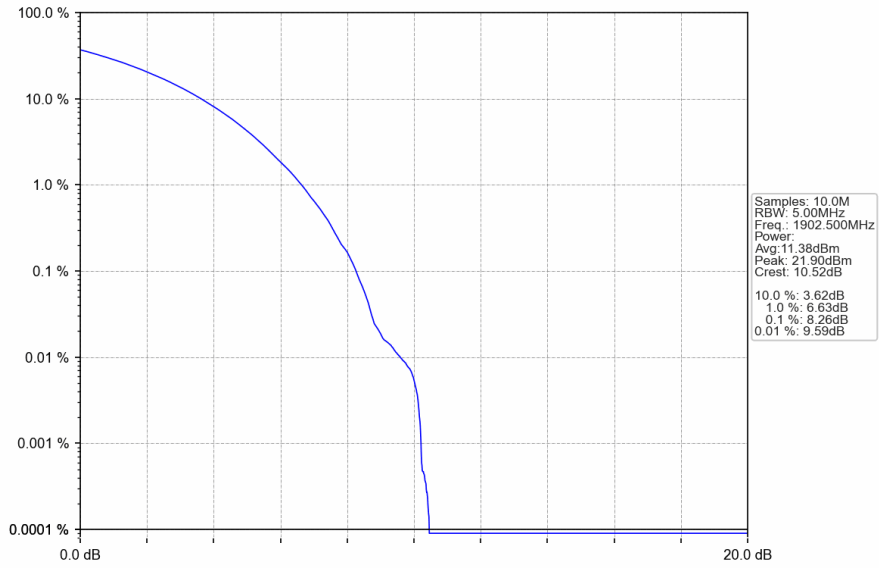
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1857.5MHz_Outer_Full



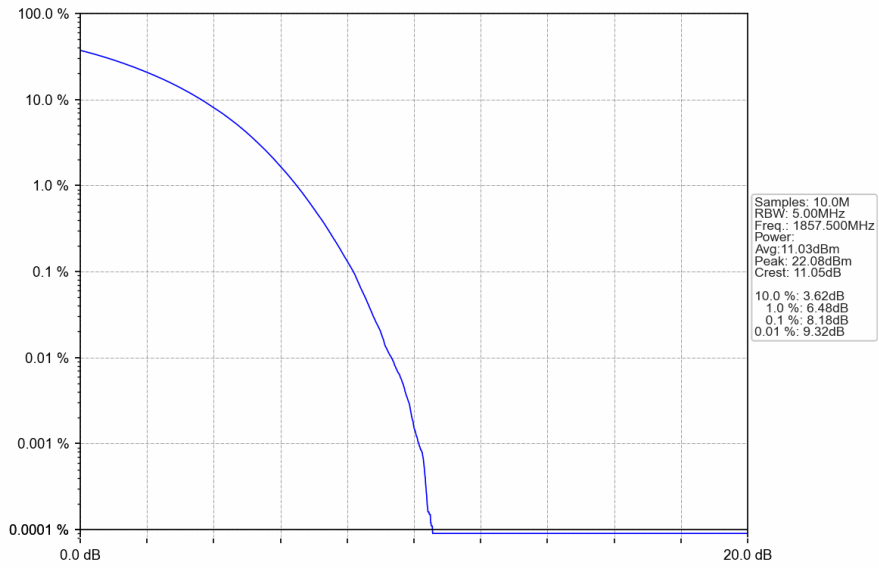
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full



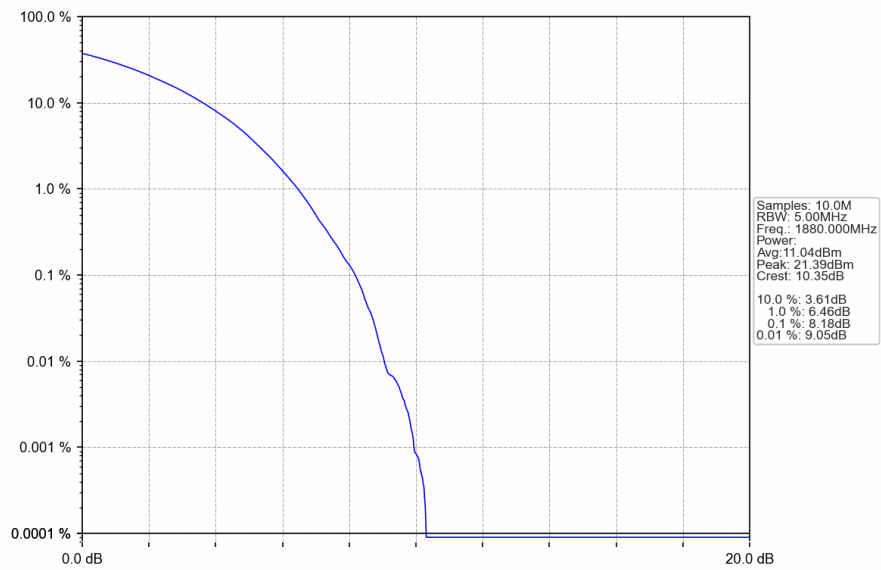
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1902.5MHz_Outer_Full



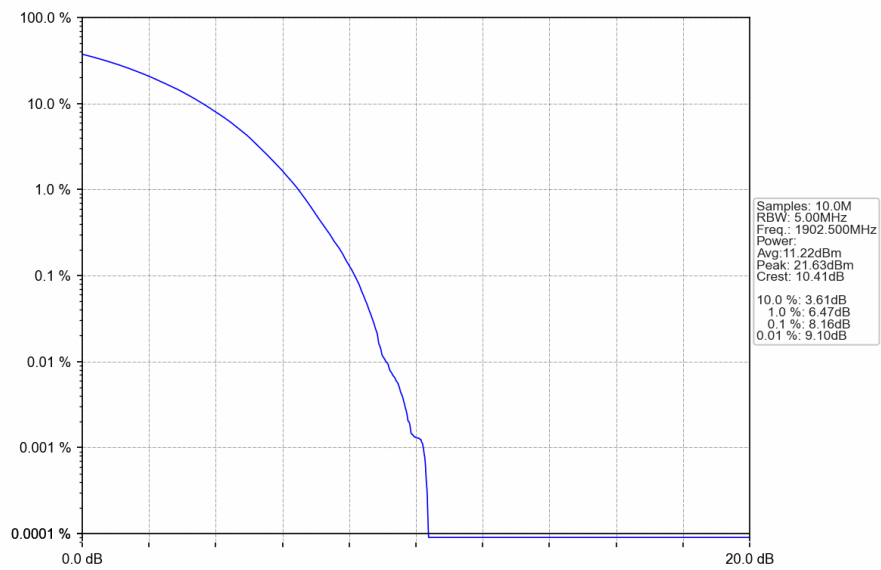
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1857.5MHz_Outer_Full



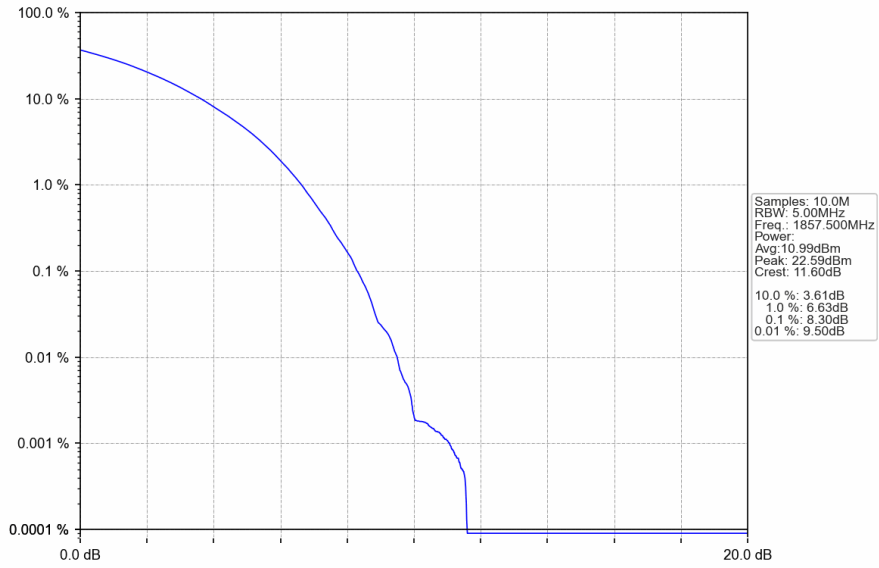
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full



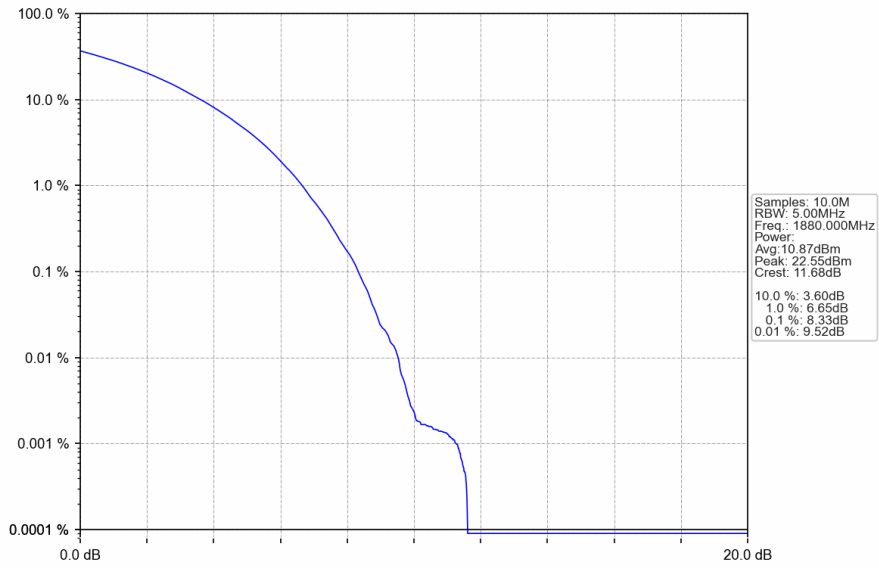
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1902.5MHz_Outer_Full



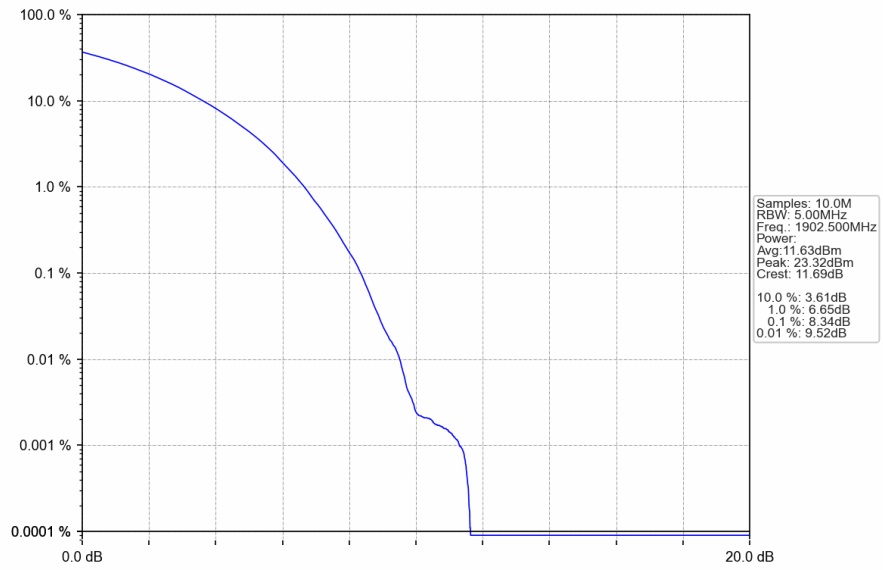
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1857.5MHz_Outer_Full



n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1902.5MHz_Outer_Full

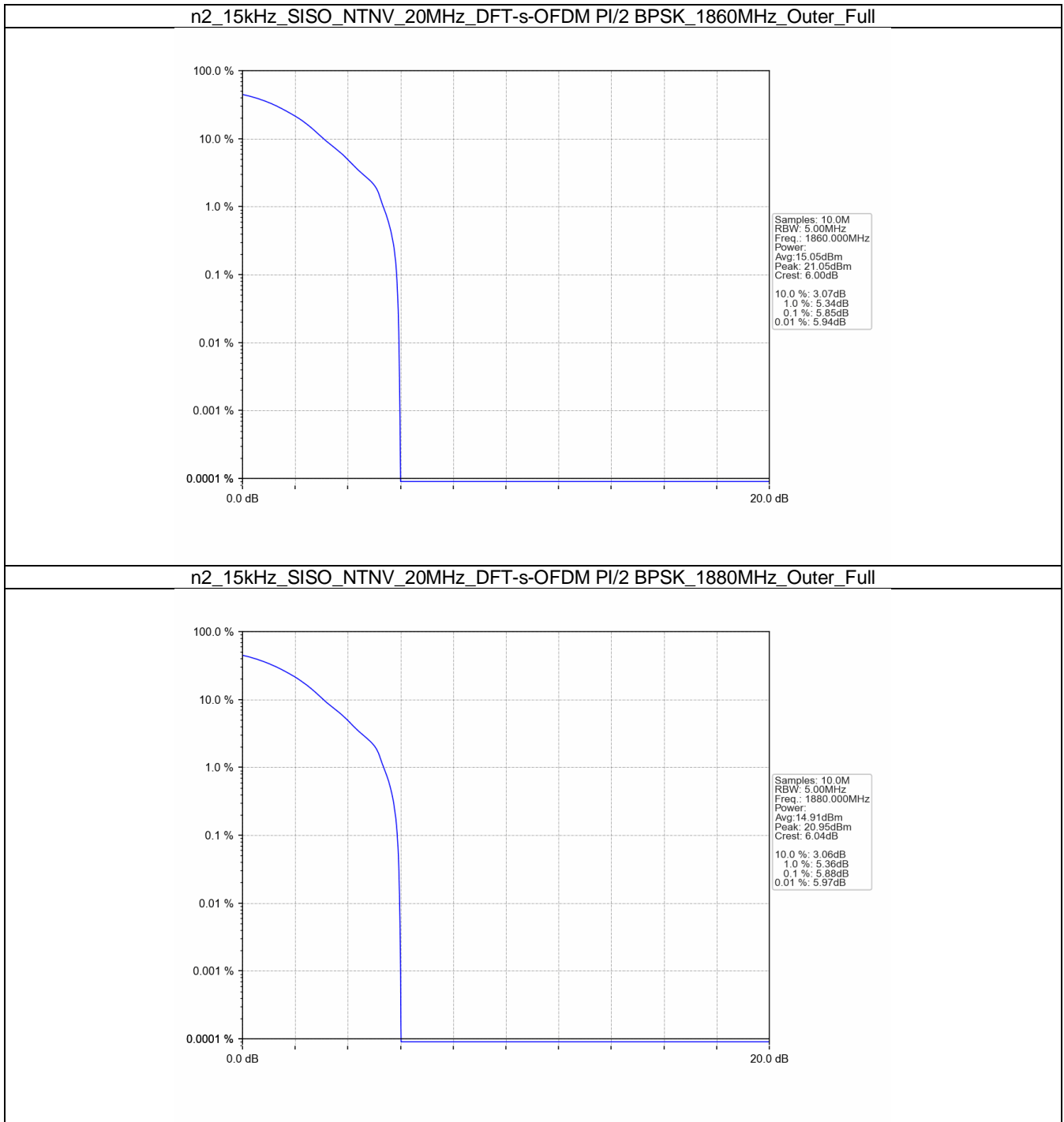


1.4 15k_SISO_20MHz_NTNV

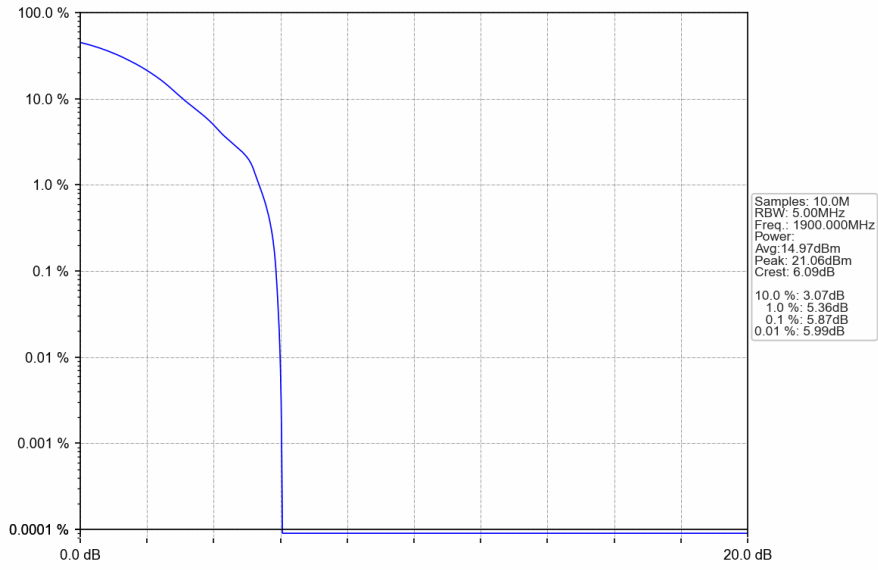
1.4.1 Test Result

5G NR n2 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Outer_Full	5.85	/	/	<=13	Pass
	1880	Outer_Full	5.88	/	/	<=13	Pass
	1900	Outer_Full	5.87	/	/	<=13	Pass
DFT-s-OFDM QPSK	1860	Outer_Full	6.31	/	/	<=13	Pass
	1880	Outer_Full	6.32	/	/	<=13	Pass
	1900	Outer_Full	6.35	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	7.07	/	/	<=13	Pass
	1880	Outer_Full	7.02	/	/	<=13	Pass
	1900	Outer_Full	7.03	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	7.39	/	/	<=13	Pass
	1880	Outer_Full	7.42	/	/	<=13	Pass
	1900	Outer_Full	7.45	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	7.33	/	/	<=13	Pass
	1880	Outer_Full	7.31	/	/	<=13	Pass
	1900	Outer_Full	7.31	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer_Full	8.14	/	/	<=13	Pass
	1880	Outer_Full	8.10	/	/	<=13	Pass
	1900	Outer_Full	8.09	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer_Full	8.32	/	/	<=13	Pass
	1880	Outer_Full	8.26	/	/	<=13	Pass
	1900	Outer_Full	8.25	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer_Full	8.60	/	/	<=13	Pass
	1880	Outer_Full	8.50	/	/	<=13	Pass
	1900	Outer_Full	8.45	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer_Full	8.18	/	/	<=13	Pass
	1880	Outer_Full	8.27	/	/	<=13	Pass
	1900	Outer_Full	8.26	/	/	<=13	Pass

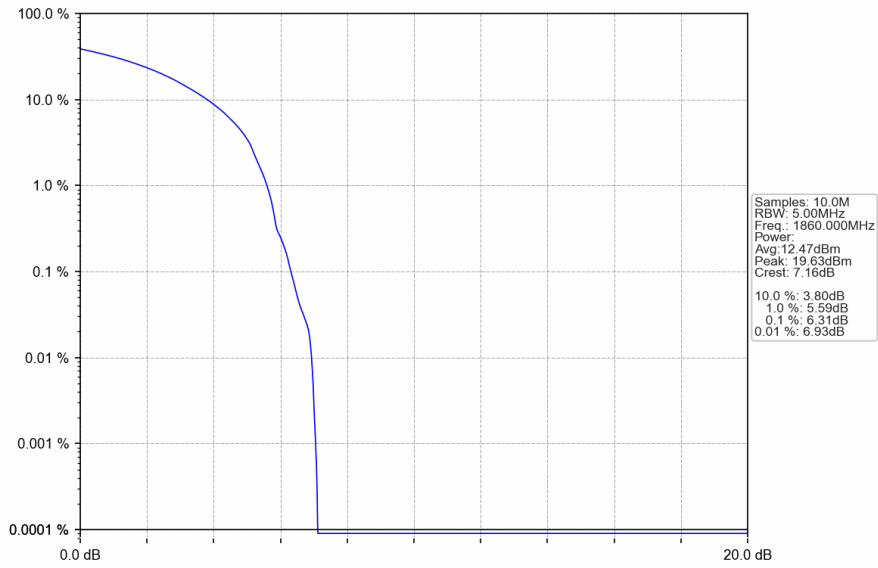
1.4.2 Test Graph



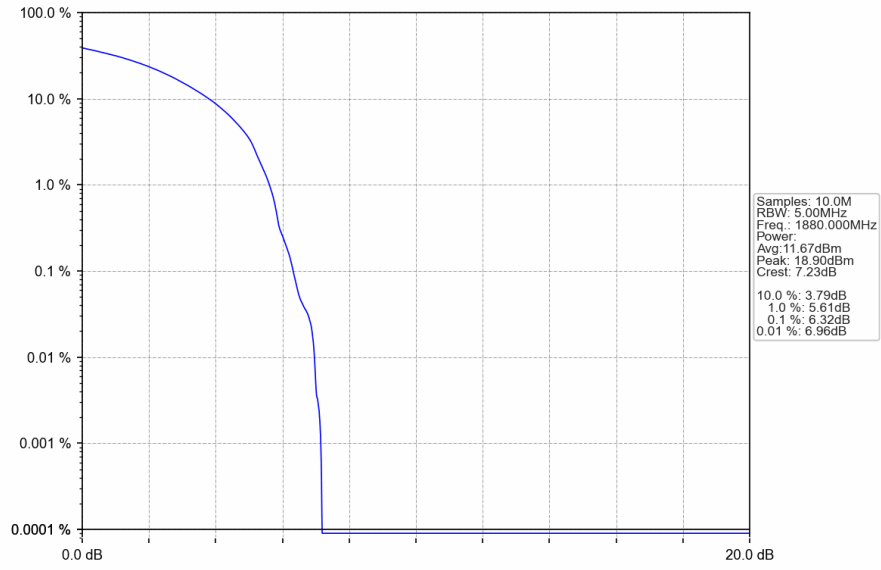
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1900MHz_Outer_Full



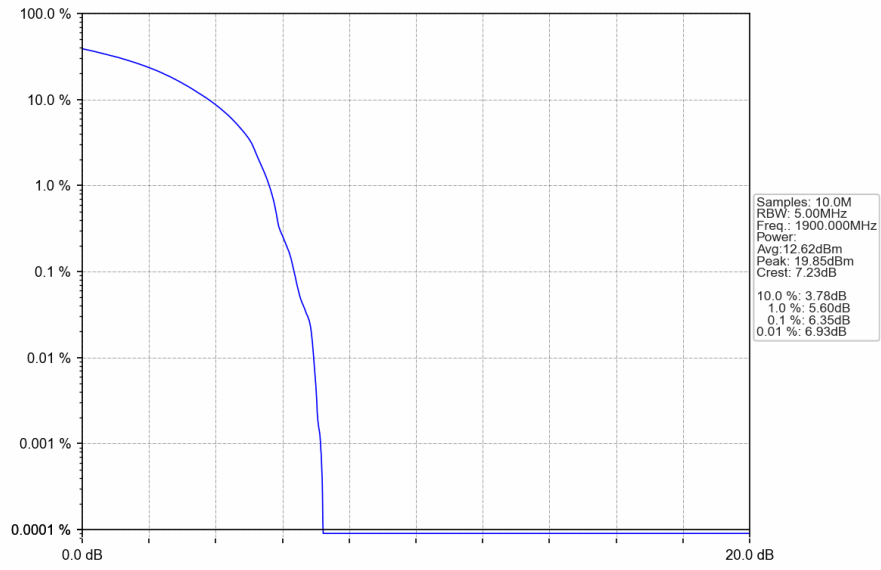
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full



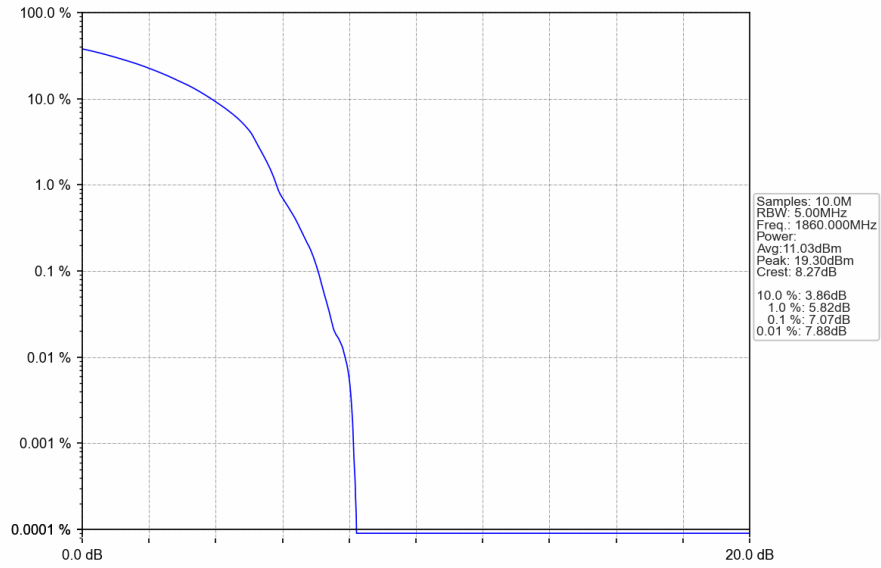
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full



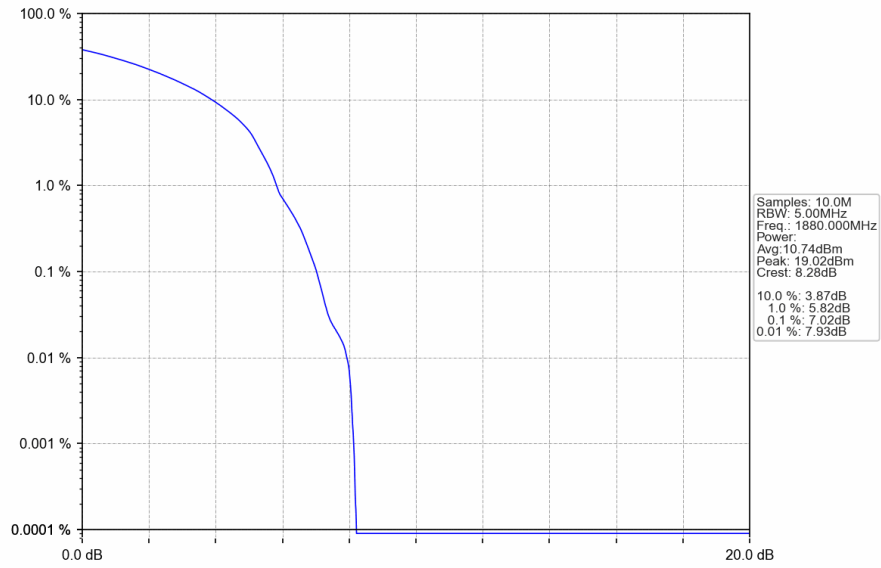
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1900MHz_Outer_Full



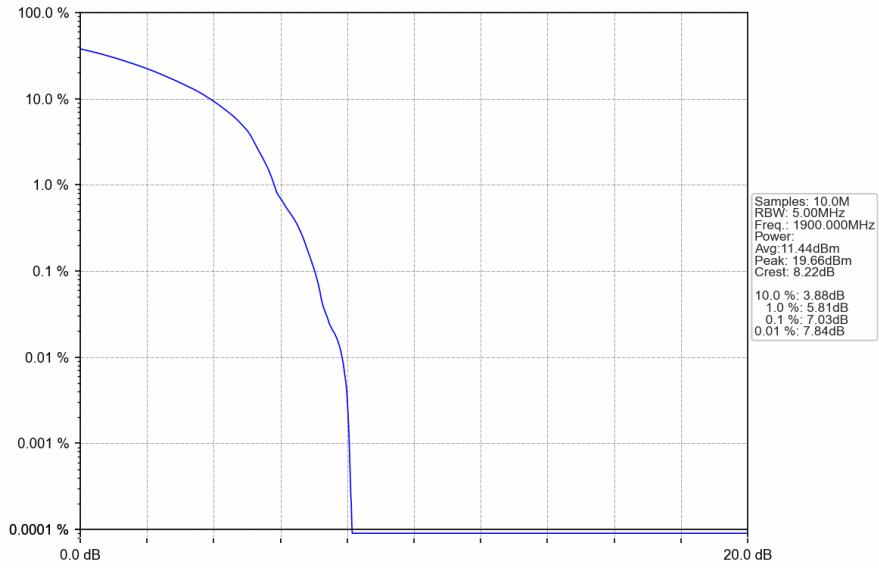
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16 QAM_1860MHz_Outer_Full



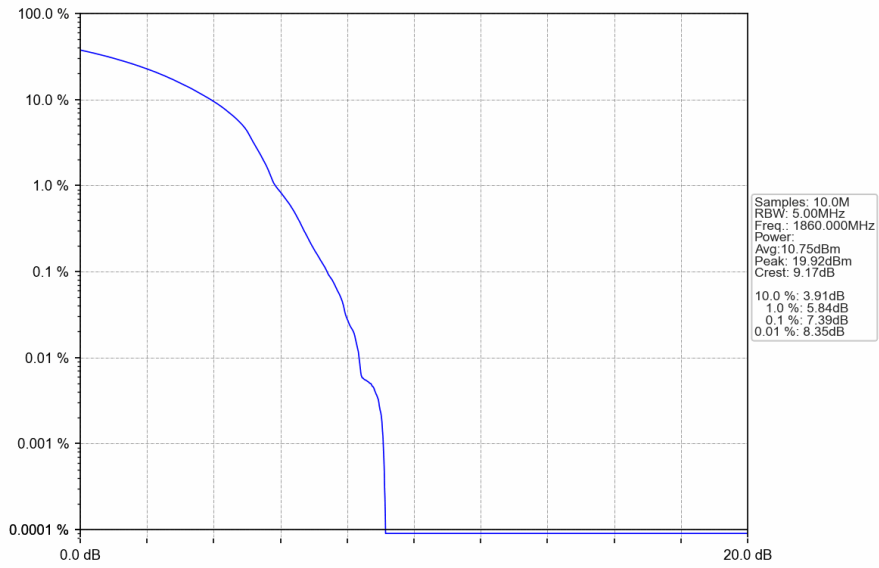
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16 QAM_1880MHz_Outer_Full



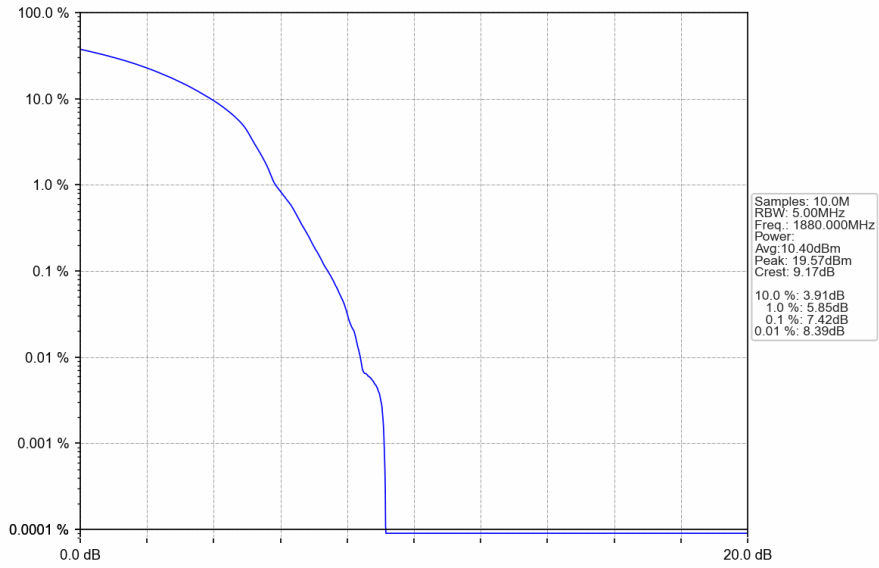
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1900MHz_Outer_Full



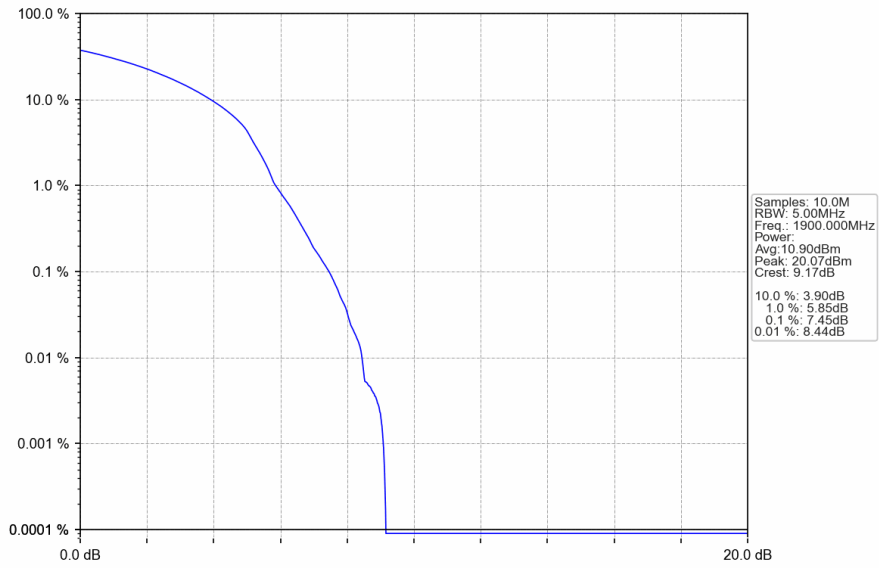
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1860MHz_Outer_Full



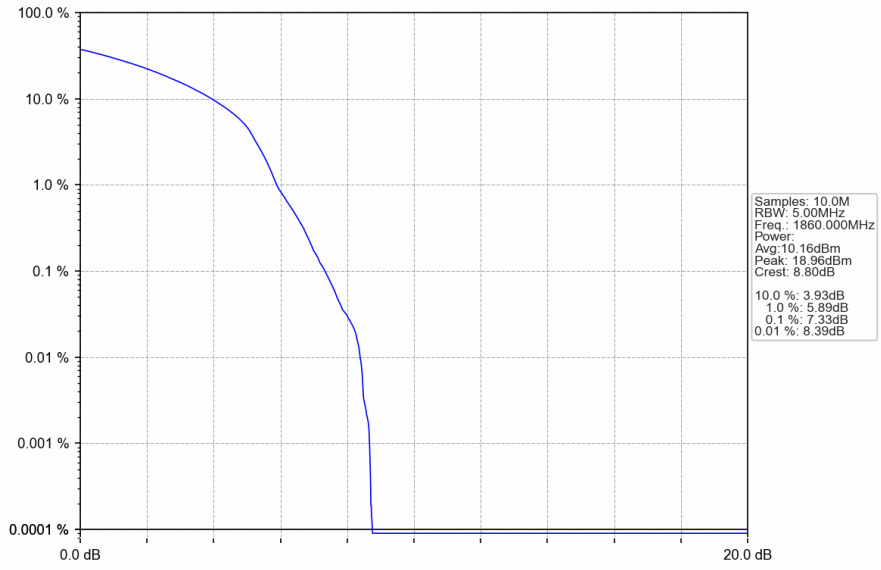
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full



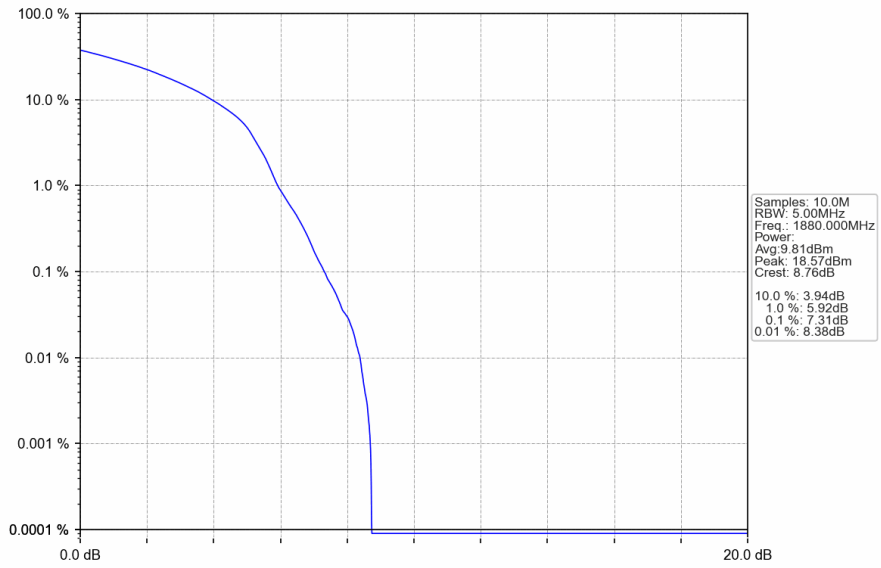
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1900MHz_Outer_Full



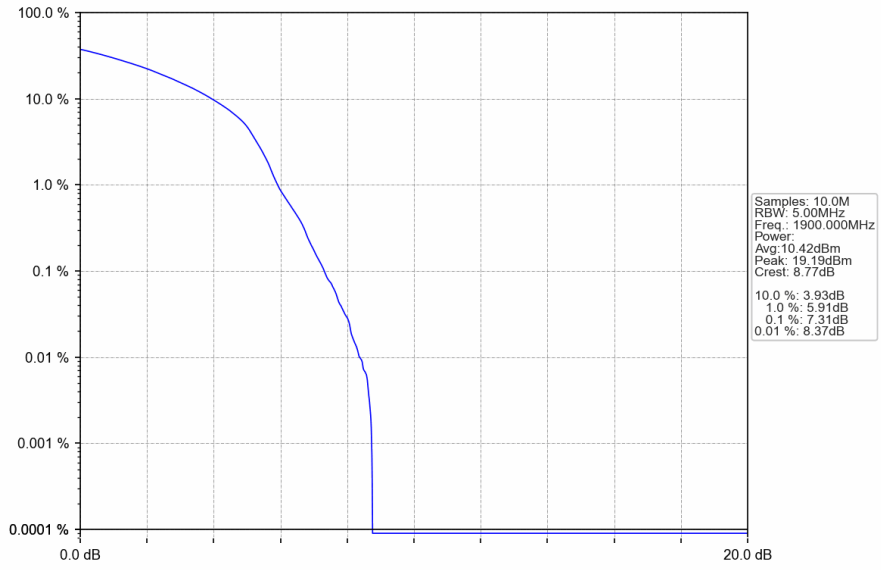
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1860MHz_Outer_Full



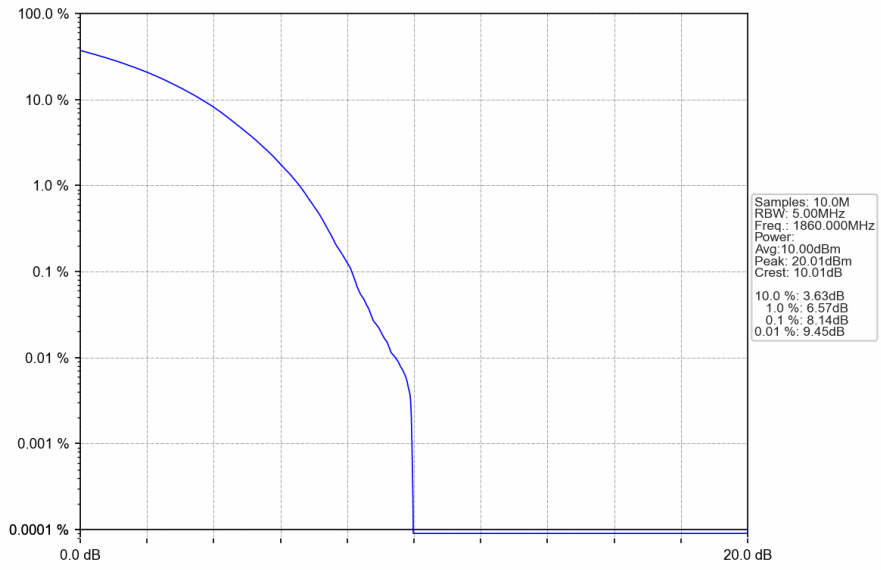
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full



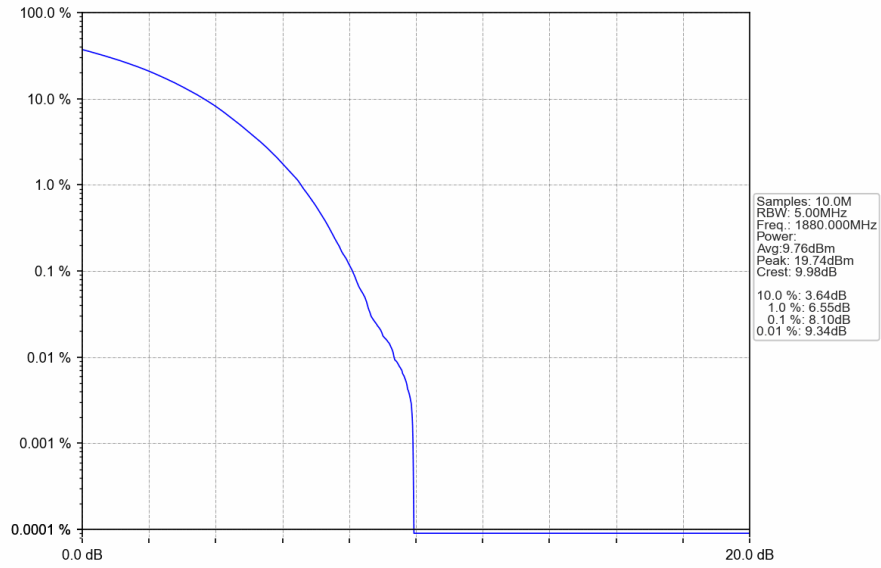
n2_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1900MHz_Outer_Full



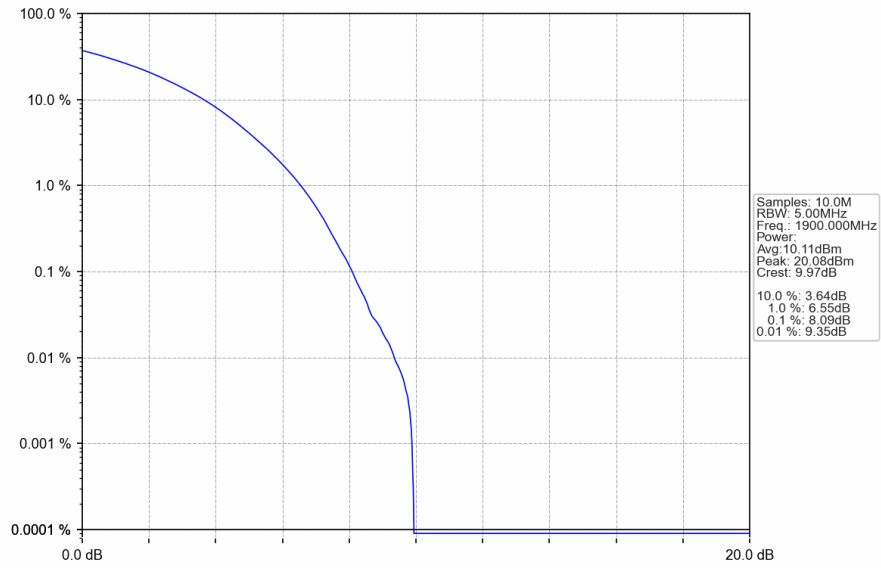
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1860MHz_Outer_Full



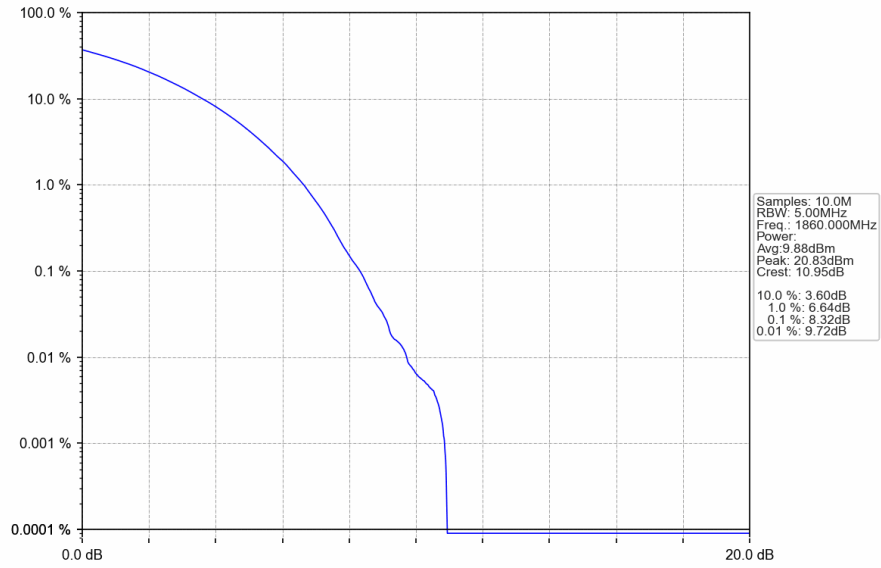
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1880MHz_Outer_Full



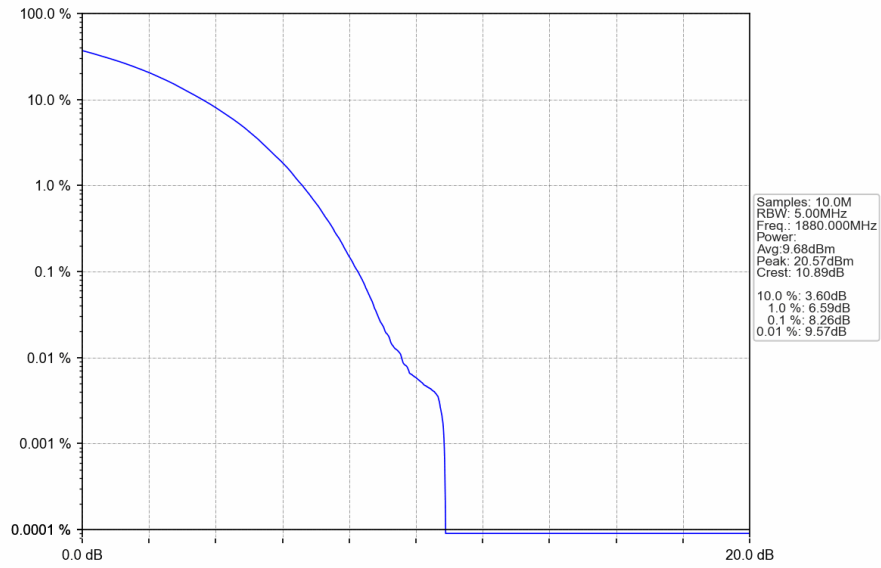
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1900MHz_Outer_Full



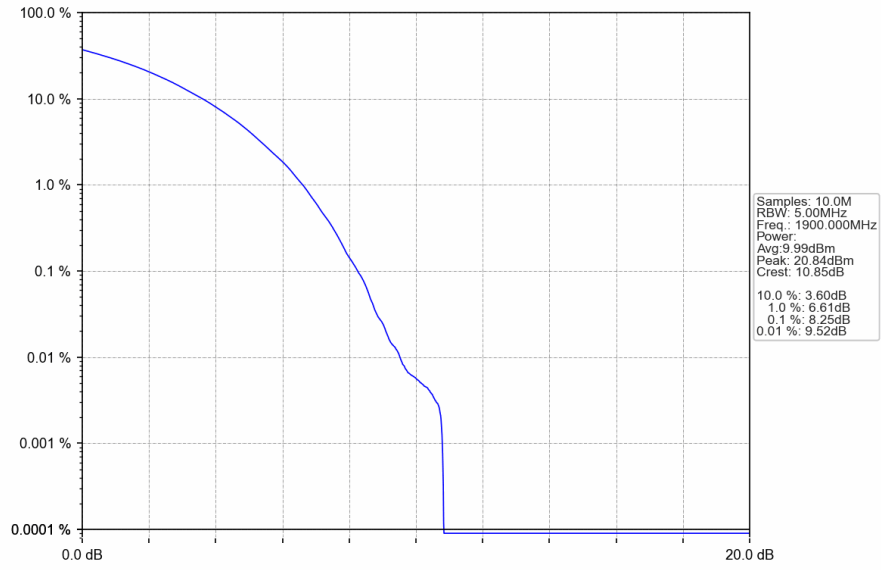
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1860MHz_Outer_Full



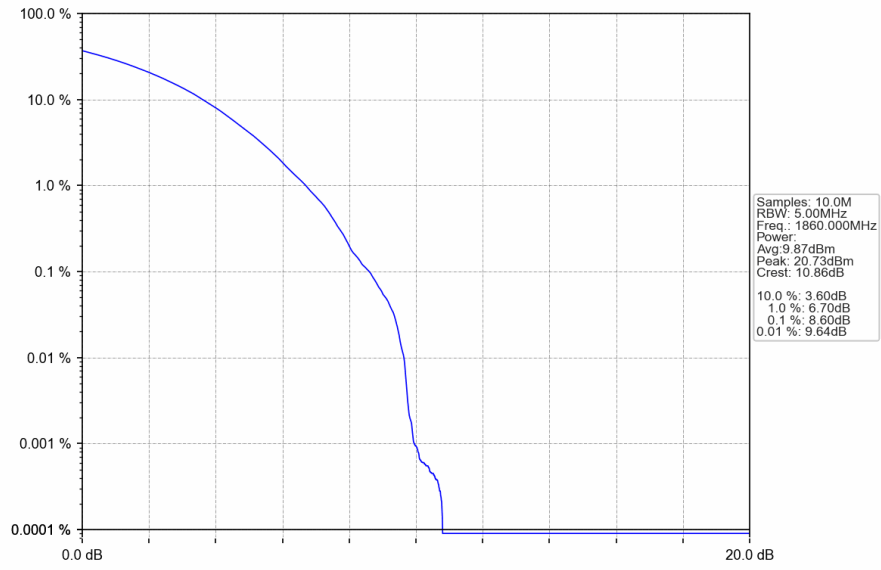
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full



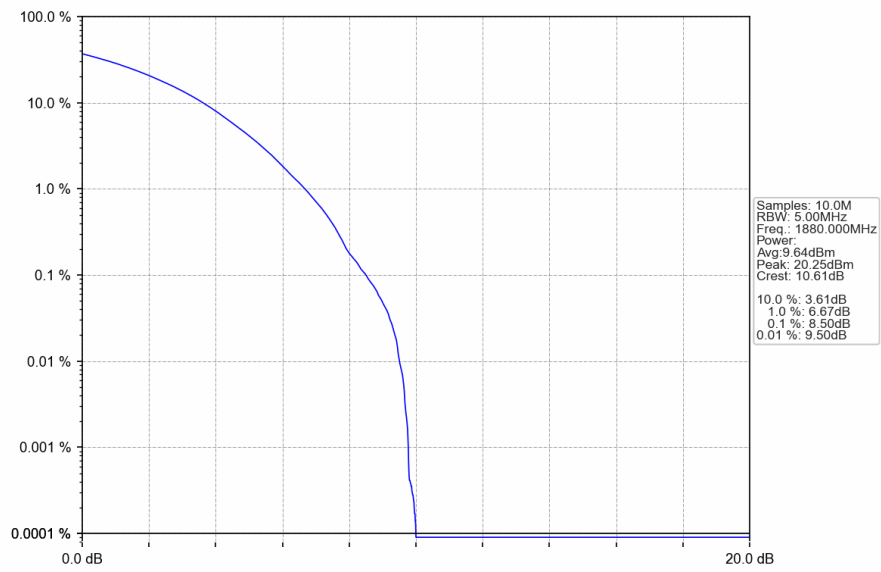
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1900MHz_Outer_Full



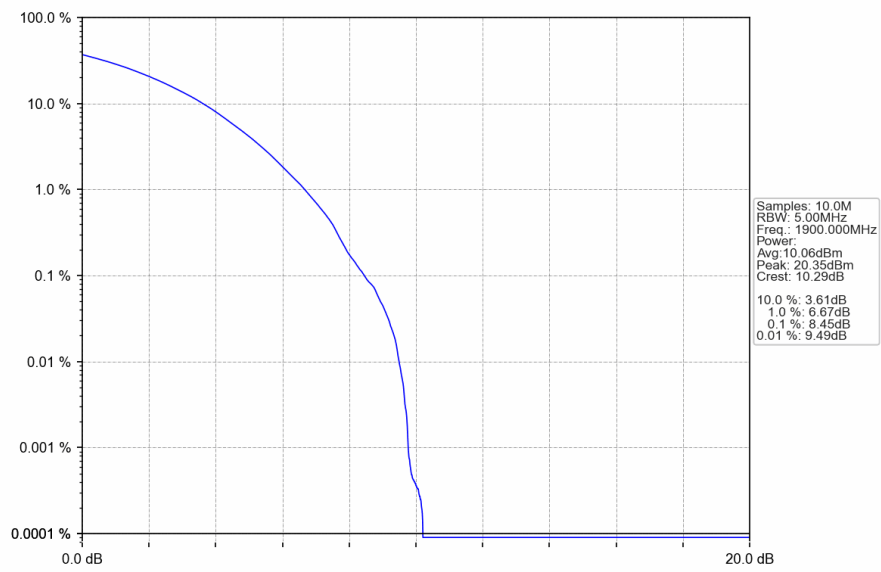
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1860MHz_Outer_Full



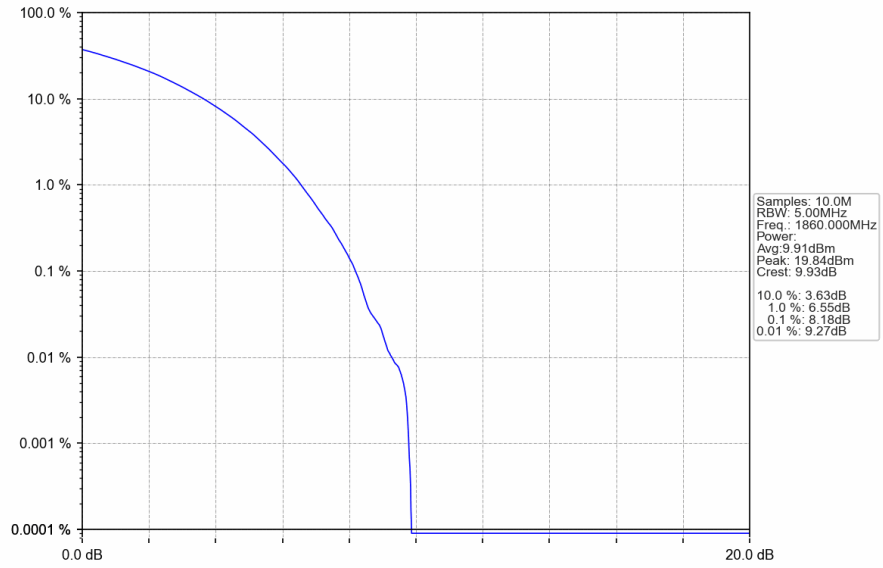
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full



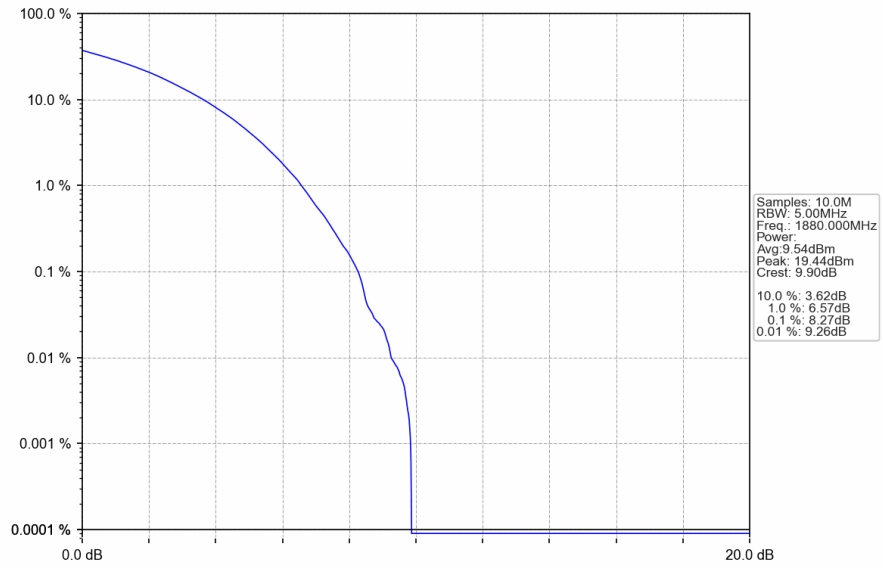
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1900MHz_Outer_Full



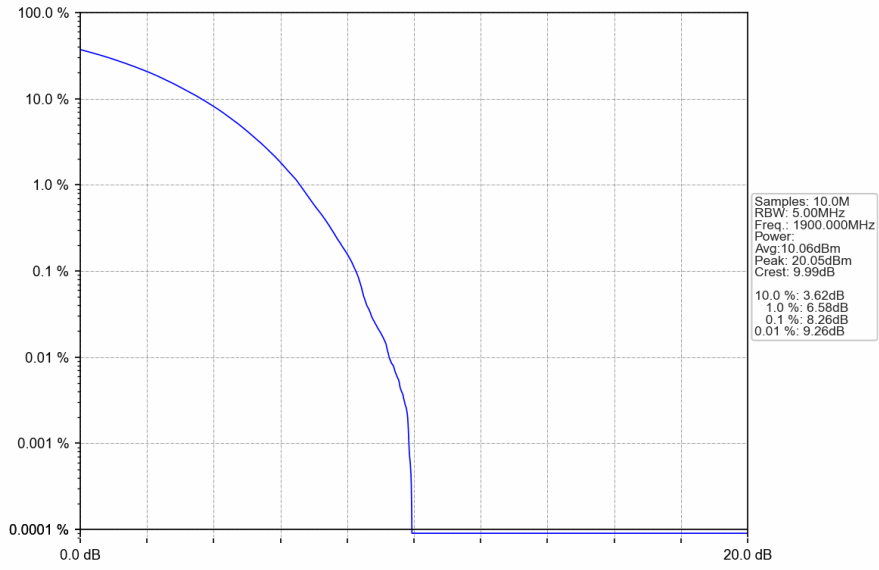
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1860MHz_Outer_Full



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full



n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_1900MHz_Outer_Full



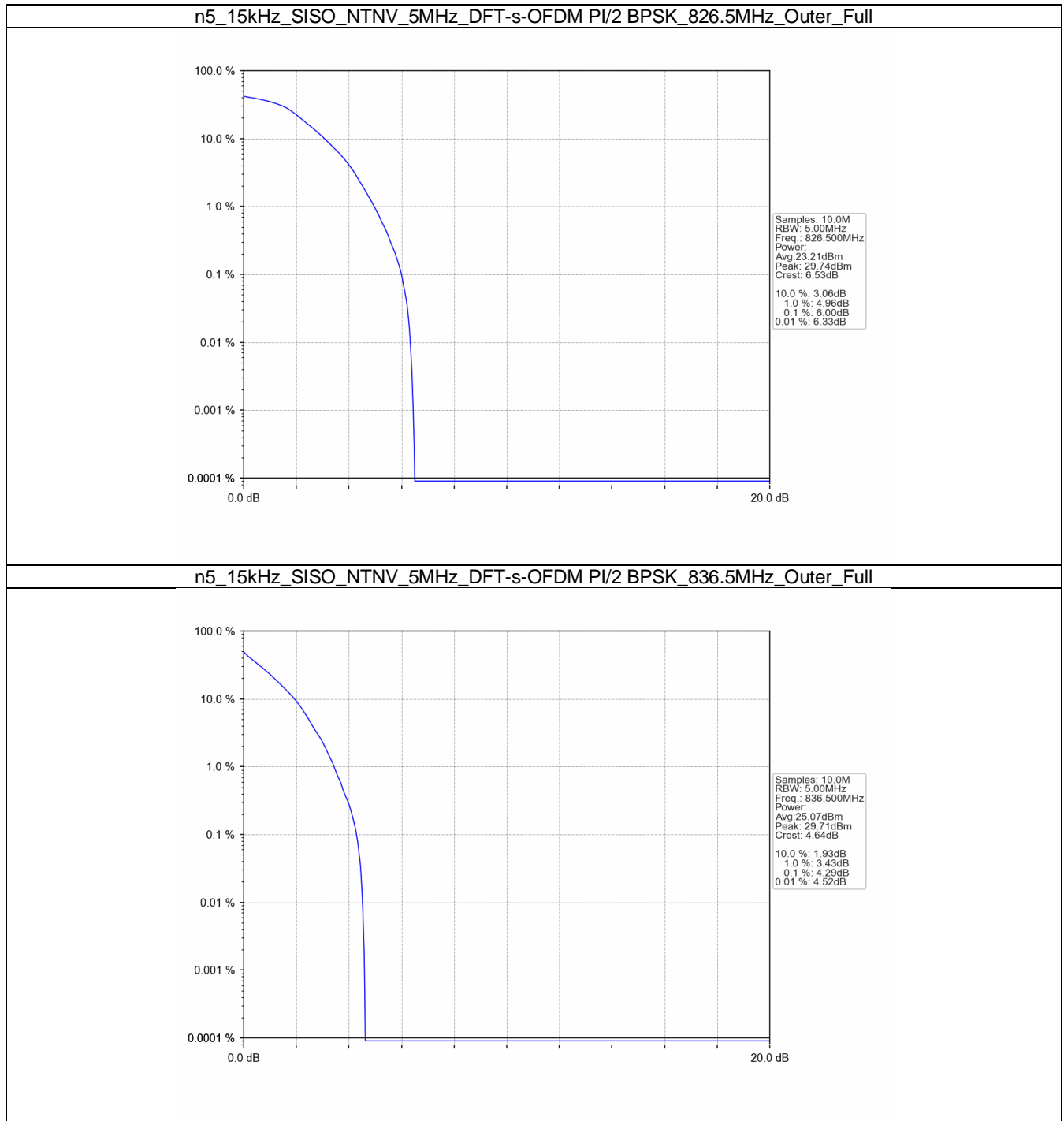
2. Peak-Average Ratio

2.1 15k_SISO_5MHz_NTNV

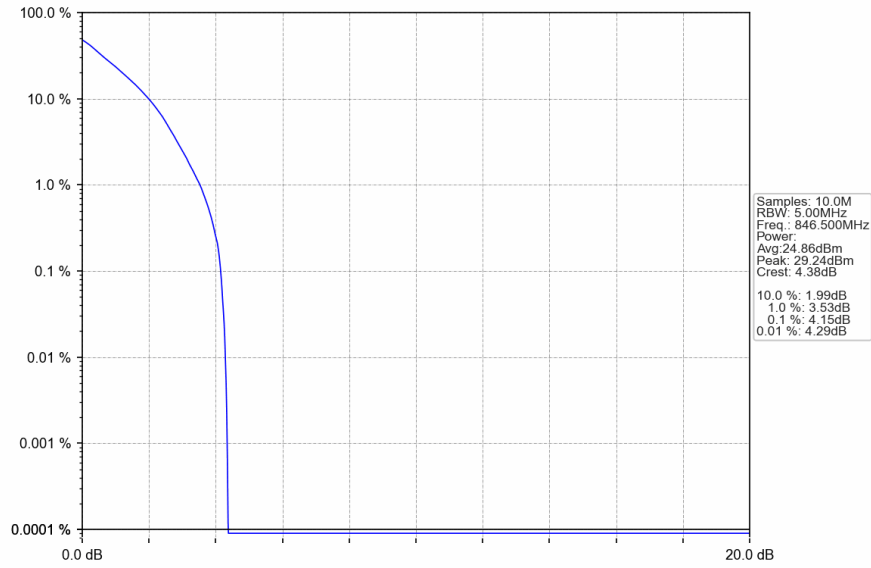
2.1.1 Test Result

5G NR n5 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Outer_Full	6.00	/	/	<=13	Pass
	836.5	Outer_Full	4.29	/	/	<=13	Pass
	846.5	Outer_Full	4.15	/	/	<=13	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	7.04	/	/	<=13	Pass
	836.5	Outer_Full	5.36	/	/	<=13	Pass
	846.5	Outer_Full	5.54	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	7.81	/	/	<=13	Pass
	836.5	Outer_Full	6.27	/	/	<=13	Pass
	846.5	Outer_Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	8.14	/	/	<=13	Pass
	836.5	Outer_Full	6.55	/	/	<=13	Pass
	846.5	Outer_Full	6.52	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	6.60	/	/	<=13	Pass
	836.5	Outer_Full	6.43	/	/	<=13	Pass
	846.5	Outer_Full	6.51	/	/	<=13	Pass
CP-OFDM QPSK	826.5	Outer_Full	6.84	/	/	<=13	Pass
	836.5	Outer_Full	7.49	/	/	<=13	Pass
	846.5	Outer_Full	7.06	/	/	<=13	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	6.95	/	/	<=13	Pass
	836.5	Outer_Full	7.56	/	/	<=13	Pass
	846.5	Outer_Full	7.20	/	/	<=13	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	7.49	/	/	<=13	Pass
	836.5	Outer_Full	7.40	/	/	<=13	Pass
	846.5	Outer_Full	7.68	/	/	<=13	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	8.36	/	/	<=13	Pass
	836.5	Outer_Full	8.35	/	/	<=13	Pass
	846.5	Outer_Full	8.53	/	/	<=13	Pass

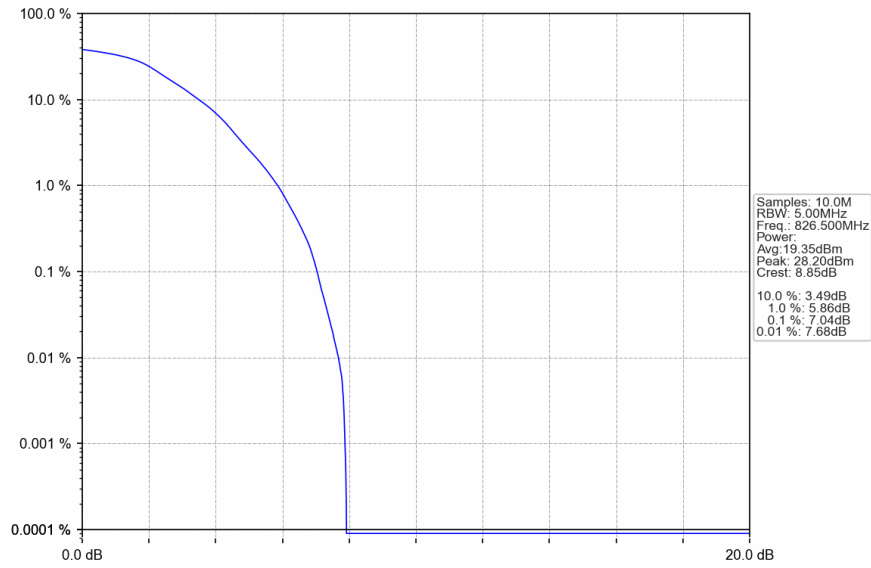
2.1.2 Test Graph



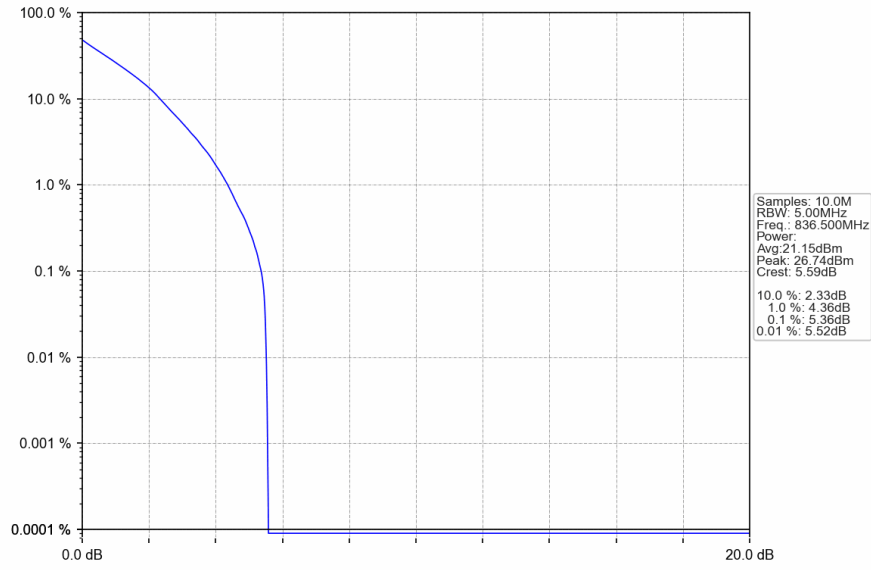
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full



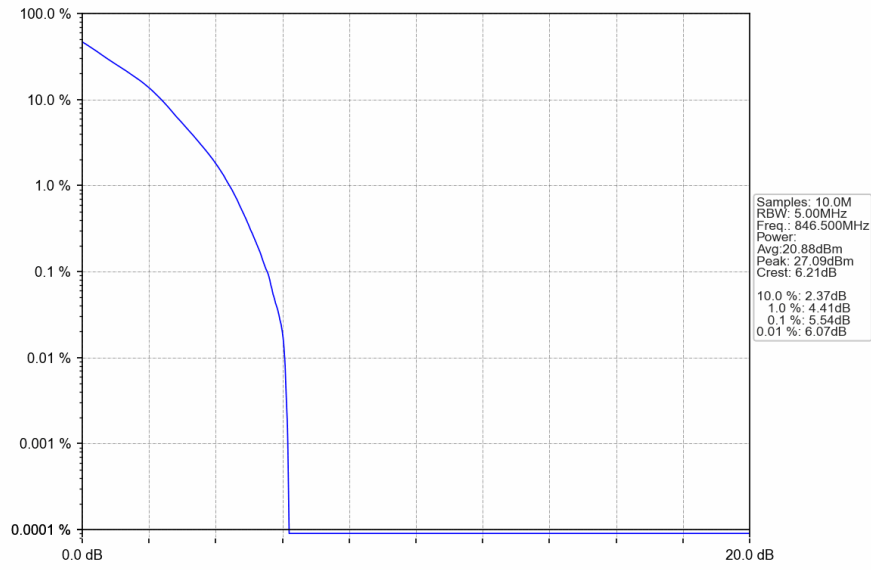
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full



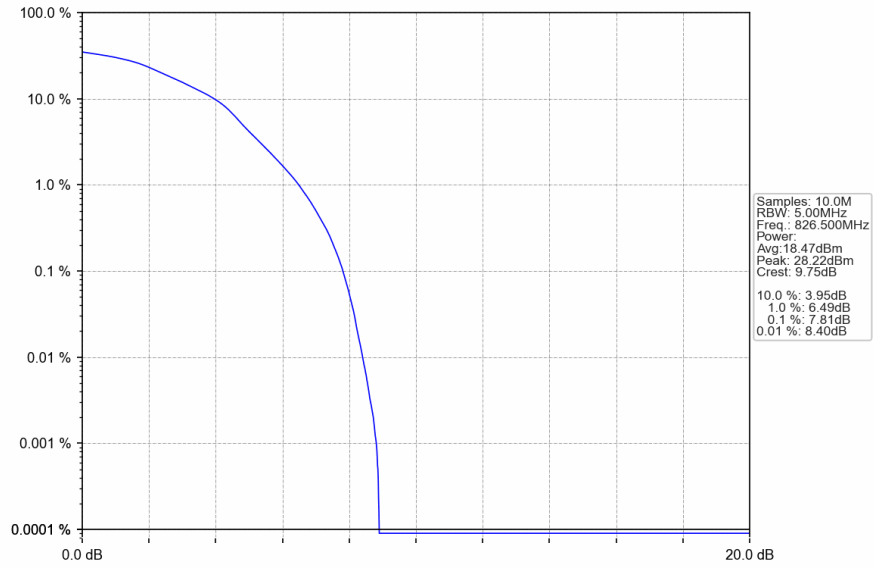
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



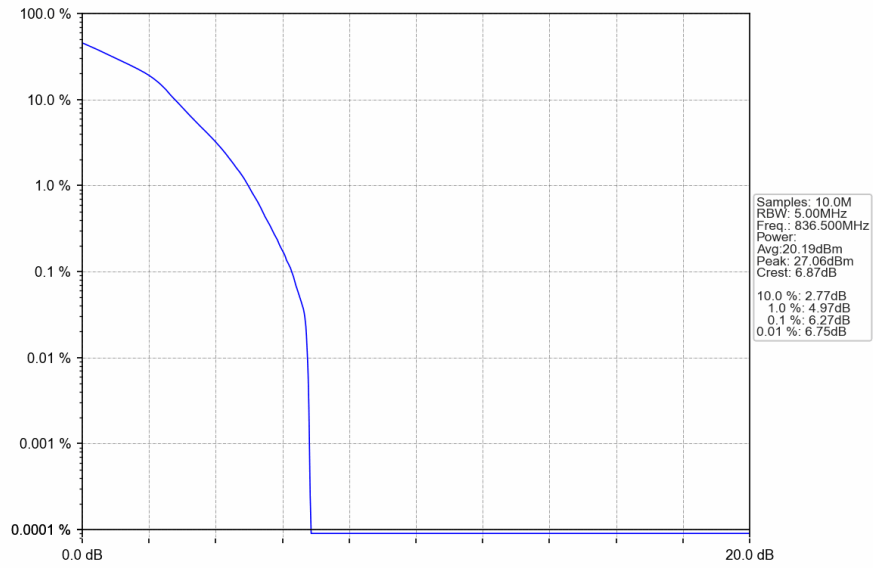
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full



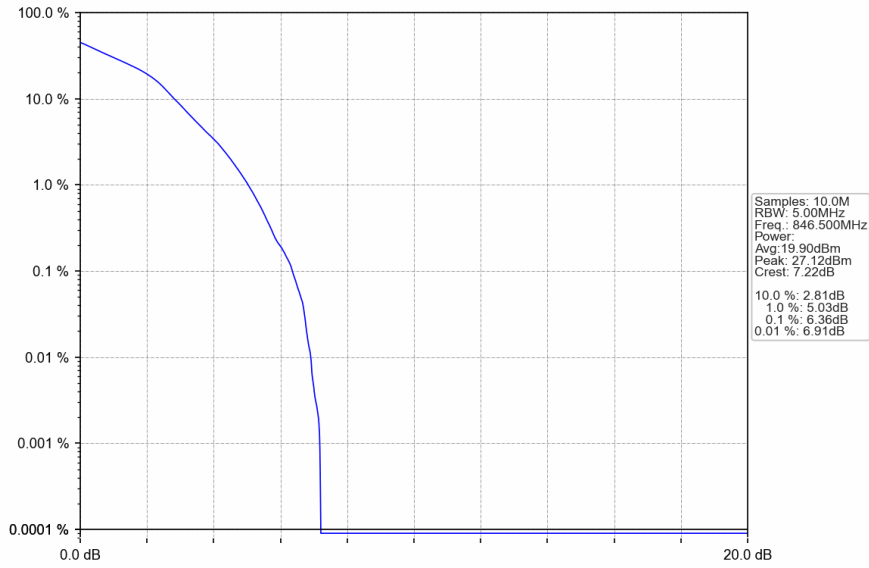
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_826.5MHz_Outer_Full



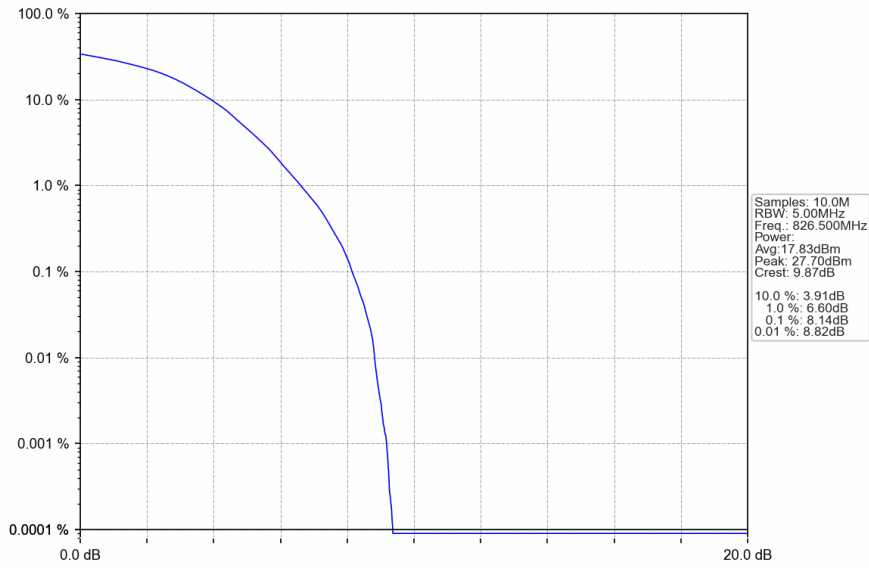
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_836.5MHz_Outer_Full



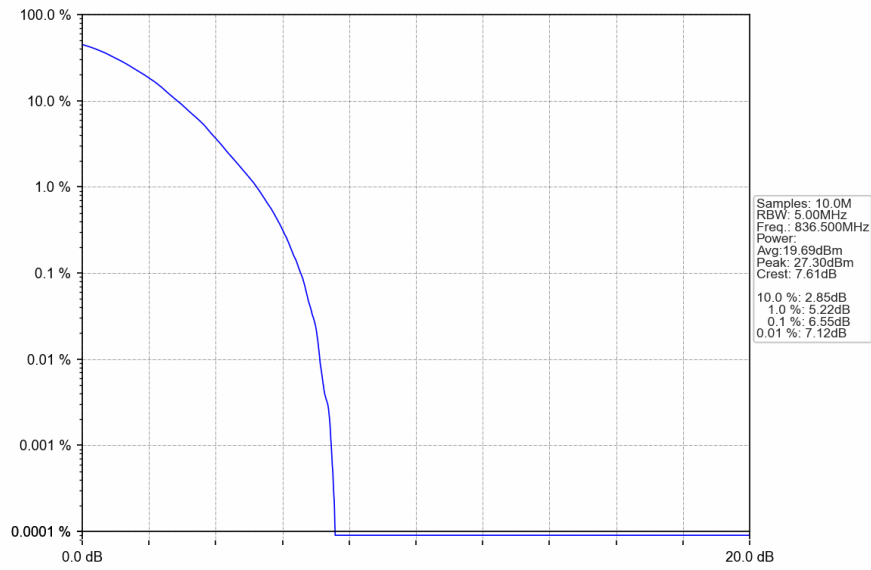
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_846.5MHz_Outer_Full



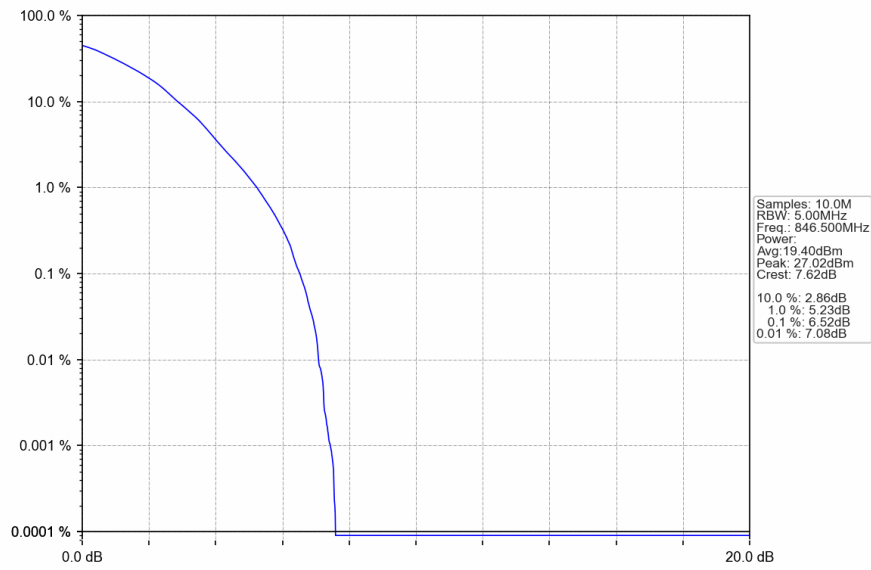
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_826.5MHz_Outer_Full



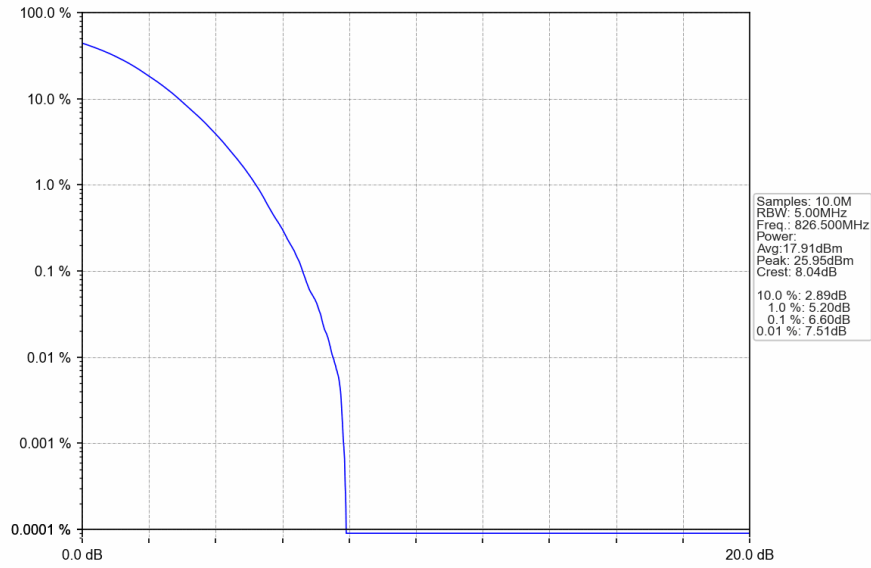
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full



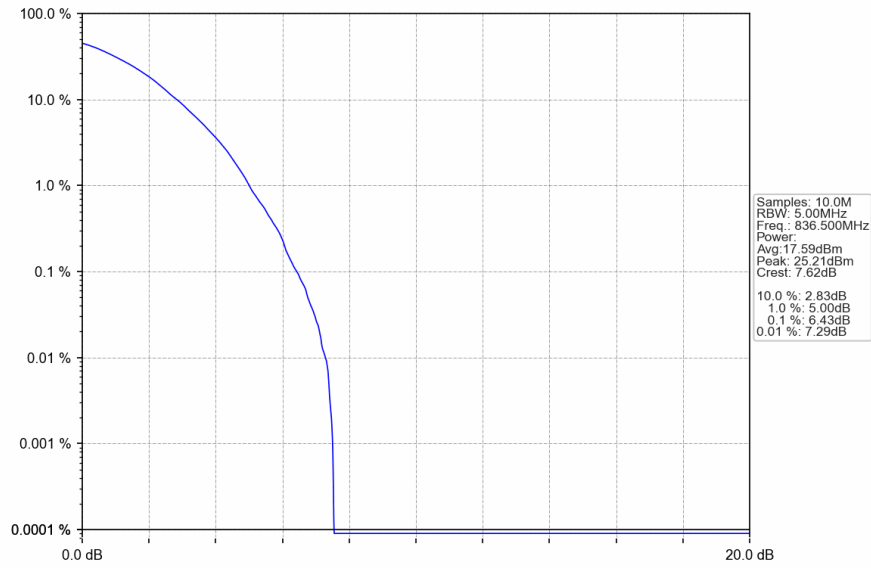
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_846.5MHz_Outer_Full



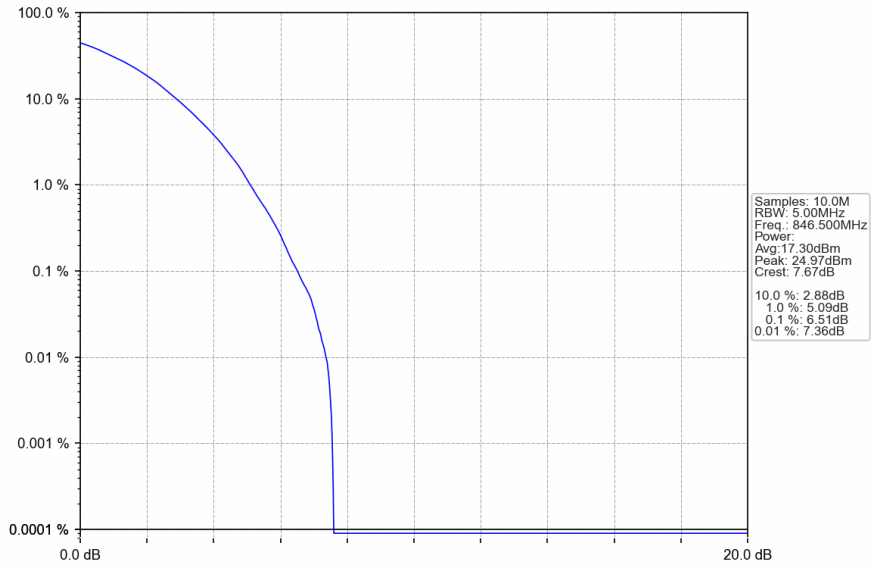
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_826.5MHz_Outer_Full



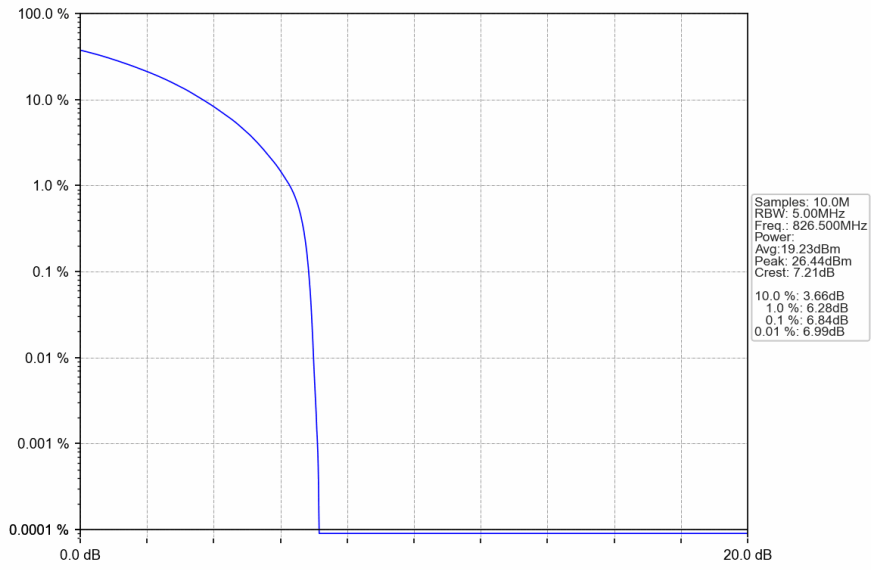
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full



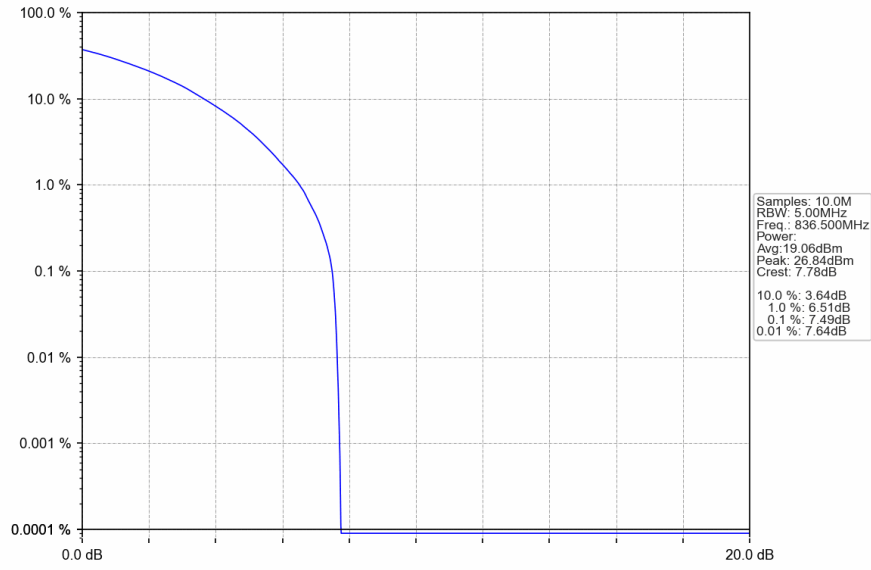
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_846.5MHz_Outer_Full



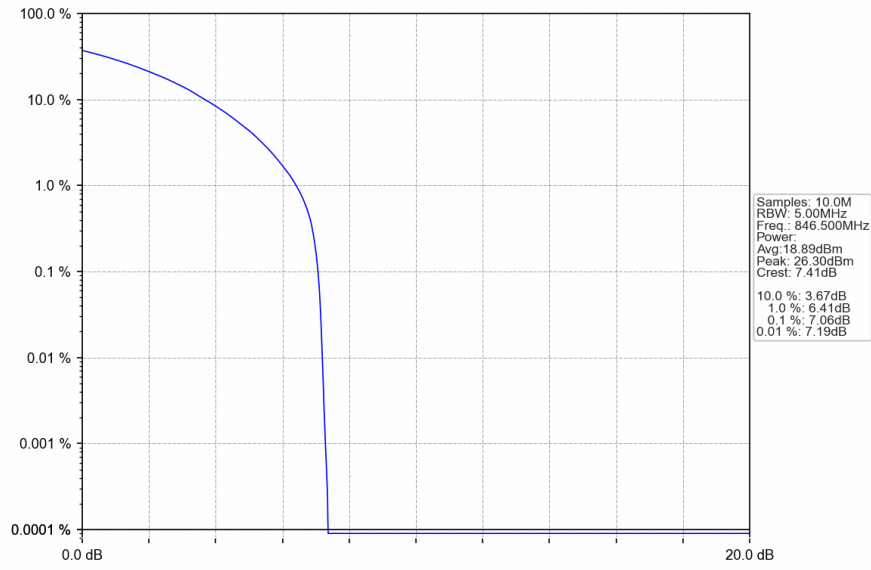
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_826.5MHz_Outer_Full



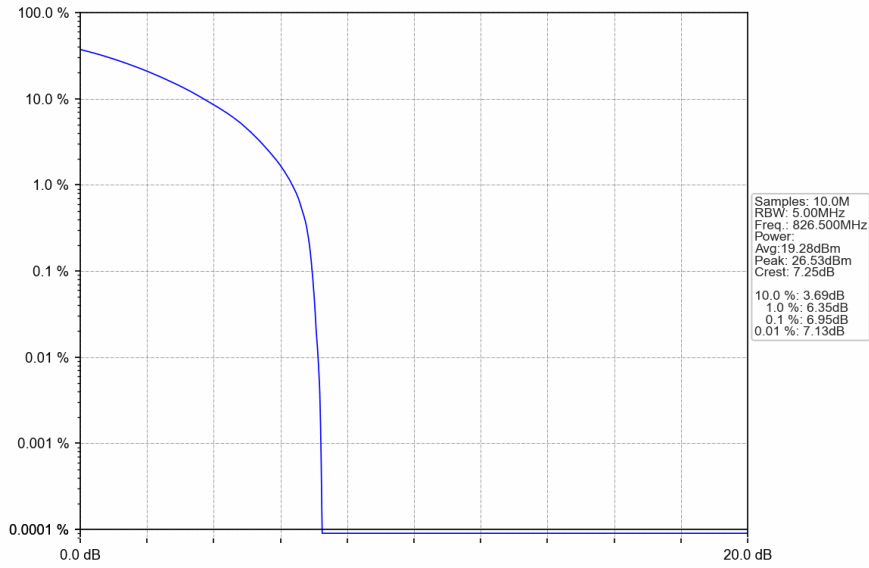
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_836.5MHz_Outer_Full



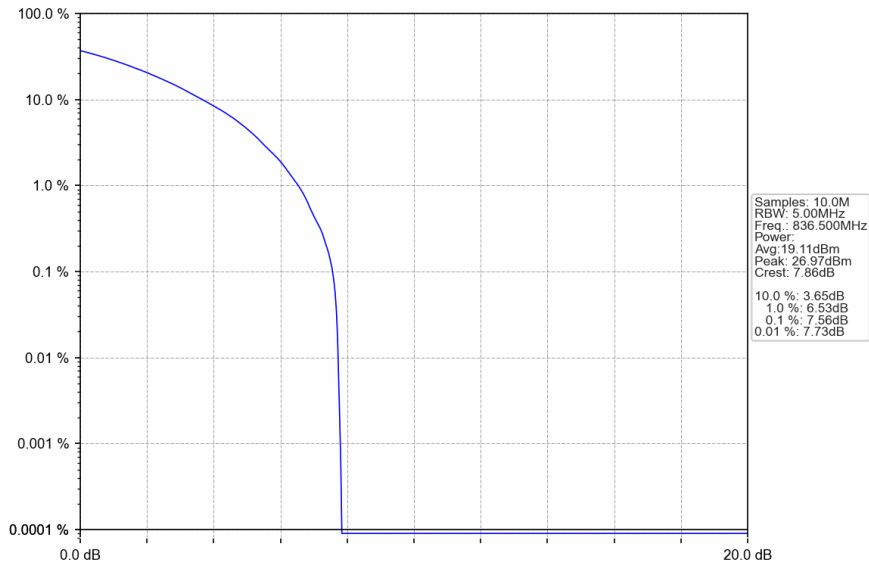
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full



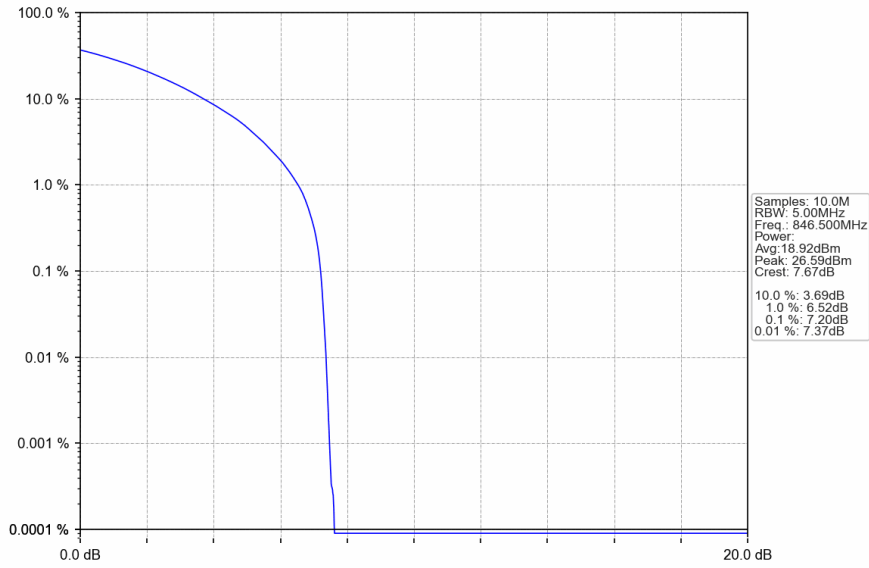
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_826.5MHz_Outer_Full



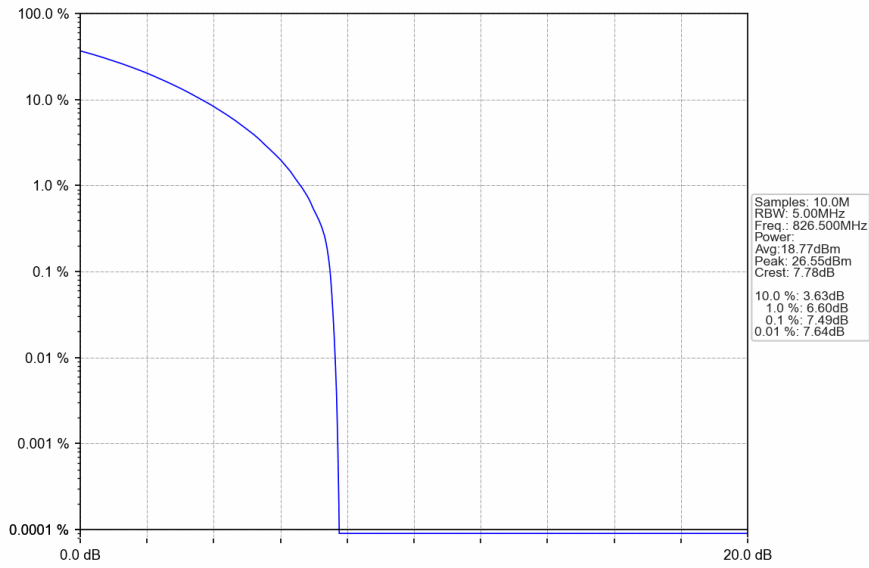
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full



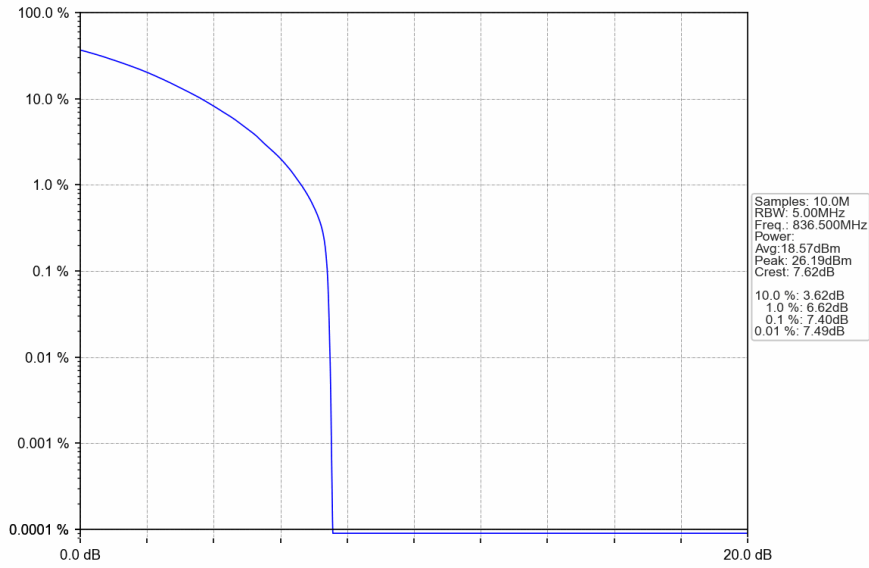
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_846.5MHz_Outer_Full



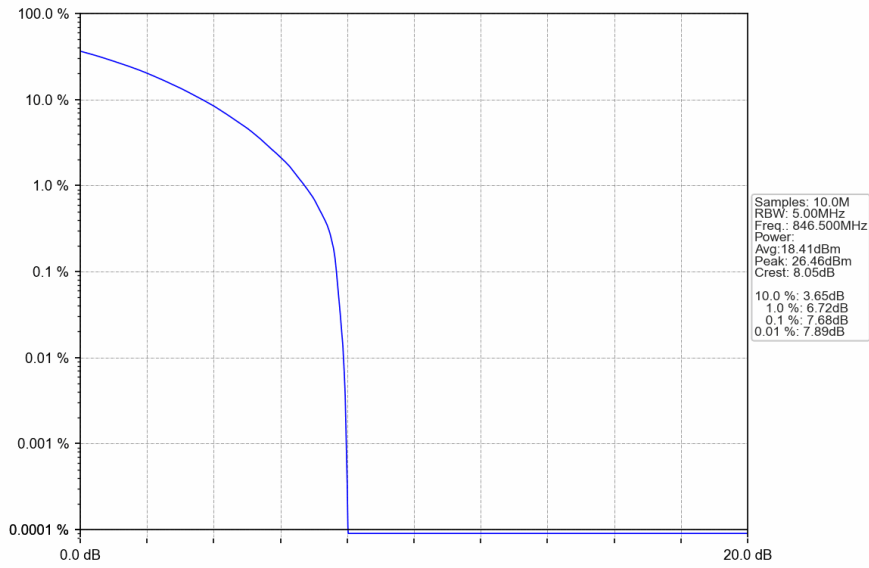
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_826.5MHz_Outer_Full



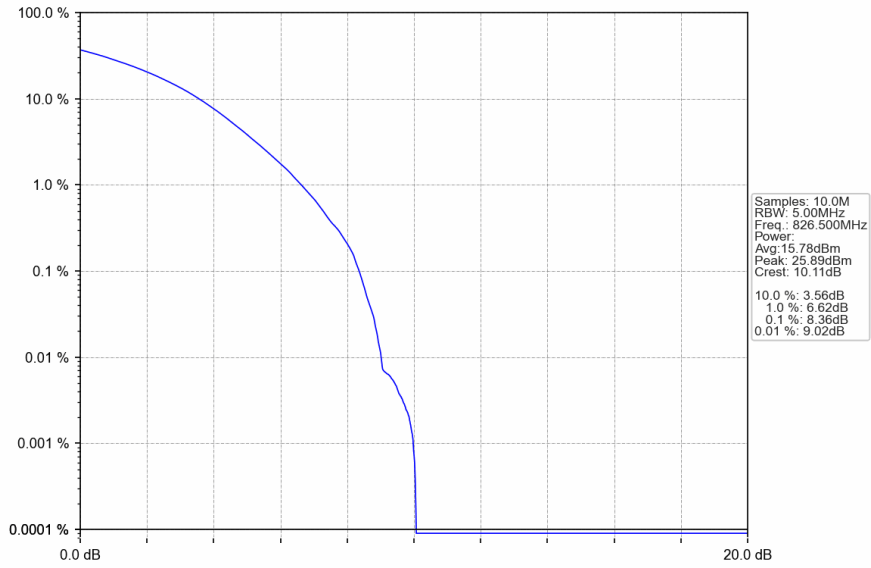
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full



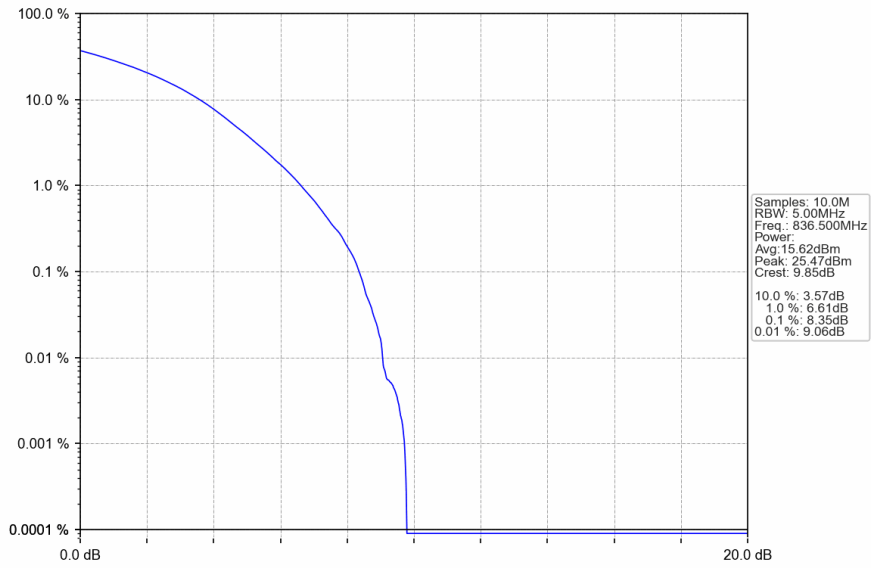
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_846.5MHz_Outer_Full



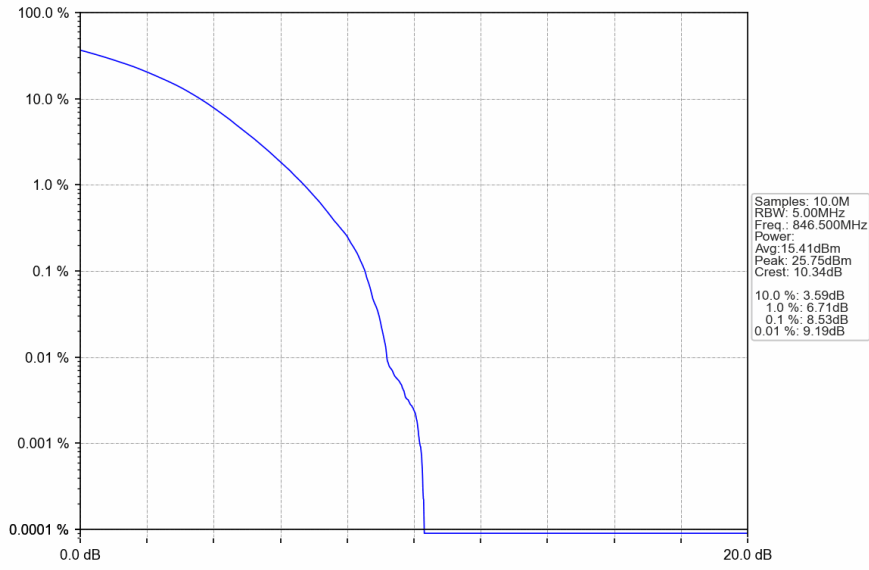
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_826.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_836.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 846.5MHz_Outer_Full

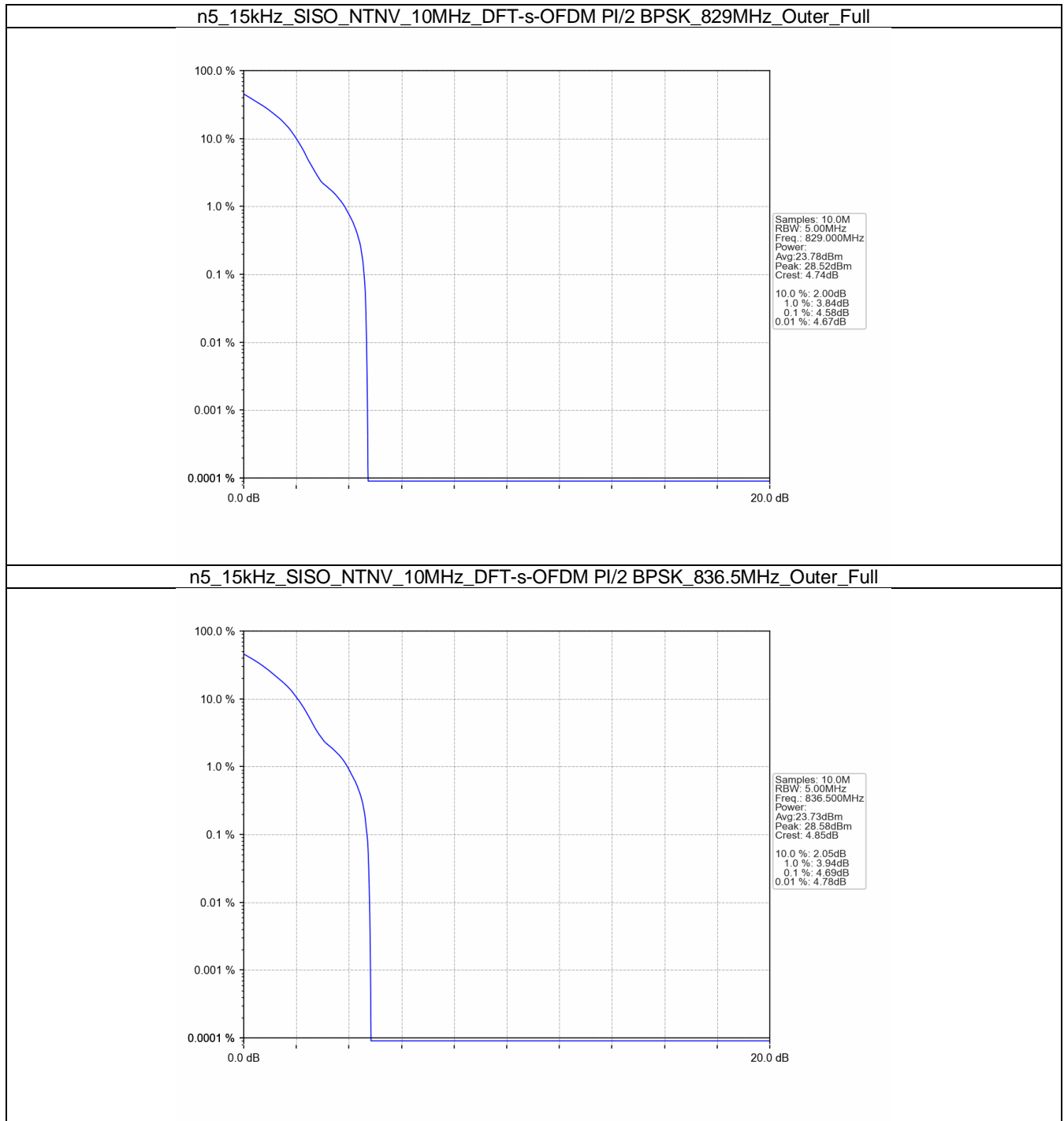


2.2 15k_SISO_10MHz_NTNV

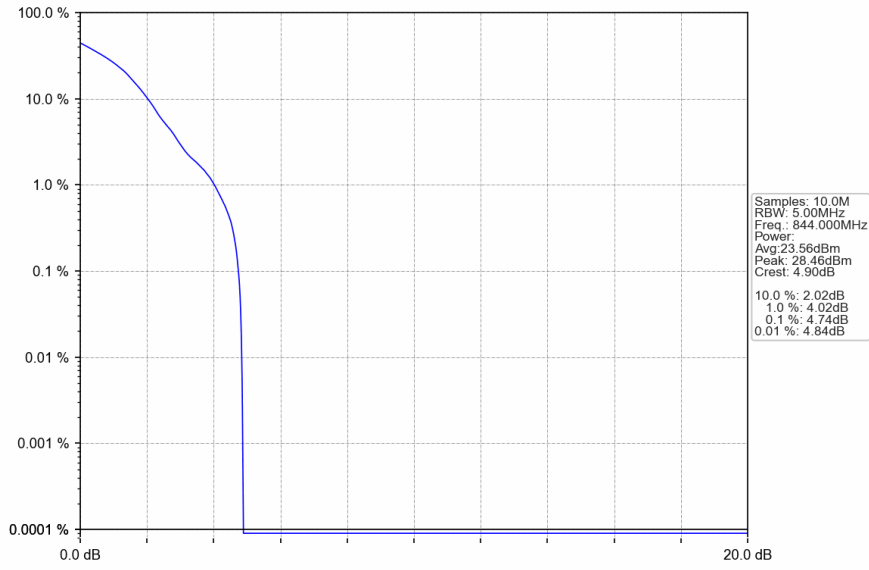
2.2.1 Test Result

5G NR n5 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Outer_Full	4.58	/	/	<=13	Pass
	836.5	Outer_Full	4.69	/	/	<=13	Pass
	844	Outer_Full	4.74	/	/	<=13	Pass
DFT-s-OFDM QPSK	829	Outer_Full	4.71	/	/	<=13	Pass
	836.5	Outer_Full	4.78	/	/	<=13	Pass
	844	Outer_Full	4.83	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	6.06	/	/	<=13	Pass
	836.5	Outer_Full	6.04	/	/	<=13	Pass
	844	Outer_Full	6.11	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	6.55	/	/	<=13	Pass
	836.5	Outer_Full	6.40	/	/	<=13	Pass
	844	Outer_Full	6.41	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	829	Outer_Full	6.37	/	/	<=13	Pass
	836.5	Outer_Full	6.44	/	/	<=13	Pass
	844	Outer_Full	6.47	/	/	<=13	Pass
CP-OFDM QPSK	829	Outer_Full	7.87	/	/	<=13	Pass
	836.5	Outer_Full	8.05	/	/	<=13	Pass
	844	Outer_Full	7.89	/	/	<=13	Pass
CP-OFDM 16 QAM	829	Outer_Full	7.96	/	/	<=13	Pass
	836.5	Outer_Full	8.18	/	/	<=13	Pass
	844	Outer_Full	7.99	/	/	<=13	Pass
CP-OFDM 64 QAM	829	Outer_Full	7.83	/	/	<=13	Pass
	836.5	Outer_Full	7.96	/	/	<=13	Pass
	844	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 256 QAM	829	Outer_Full	8.42	/	/	<=13	Pass
	836.5	Outer_Full	8.42	/	/	<=13	Pass
	844	Outer_Full	8.44	/	/	<=13	Pass

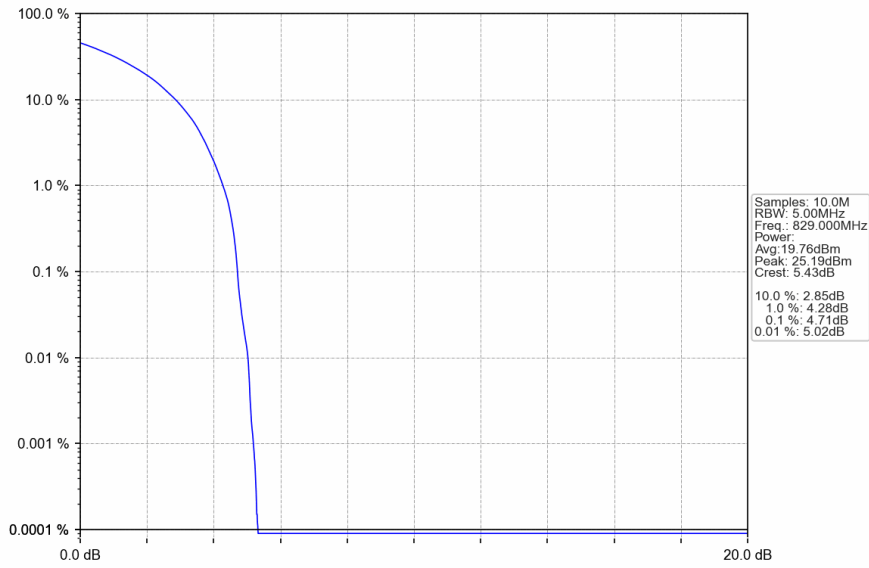
2.2.2 Test Graph



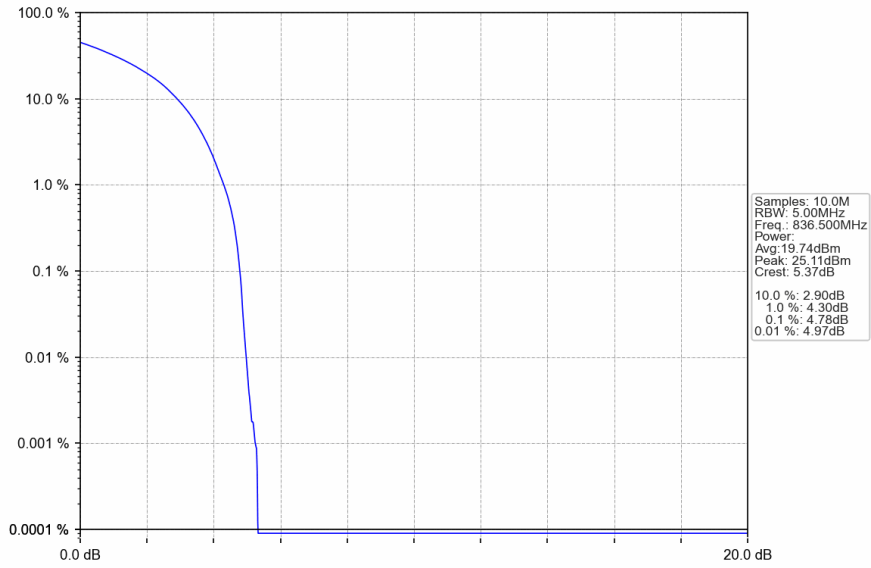
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Outer_Full

