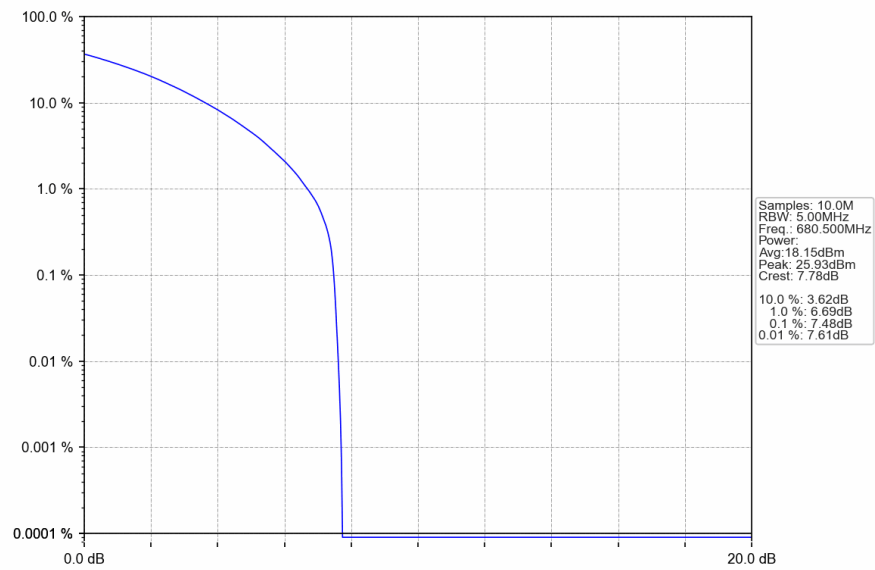
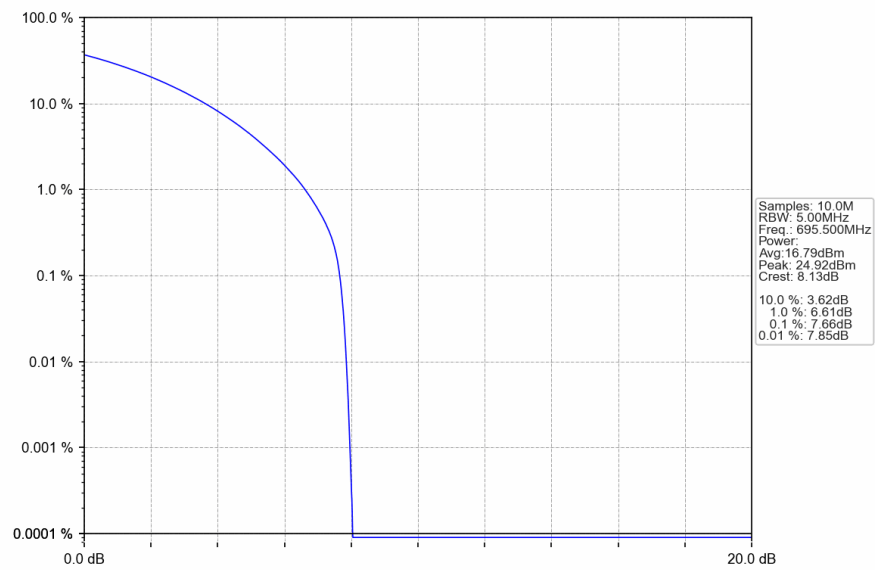


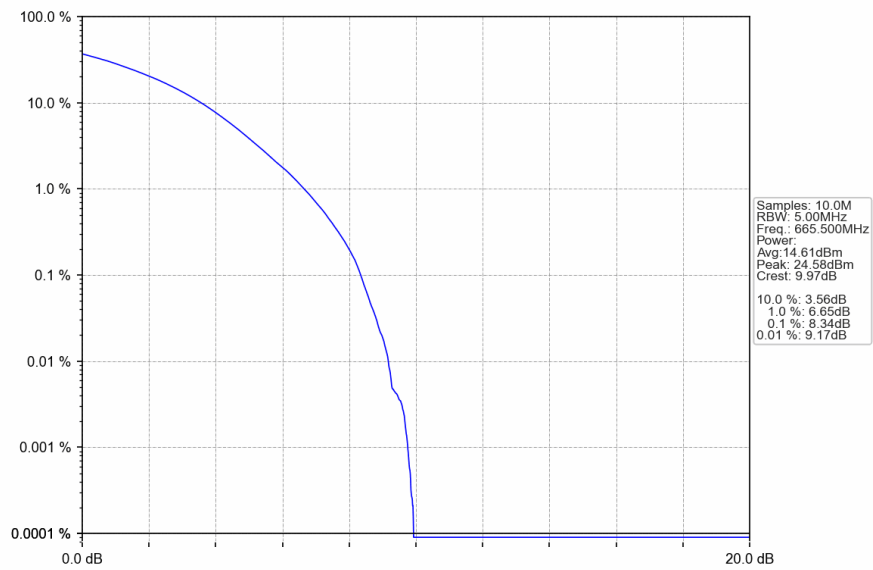
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 680.5MHz_Outer_Full



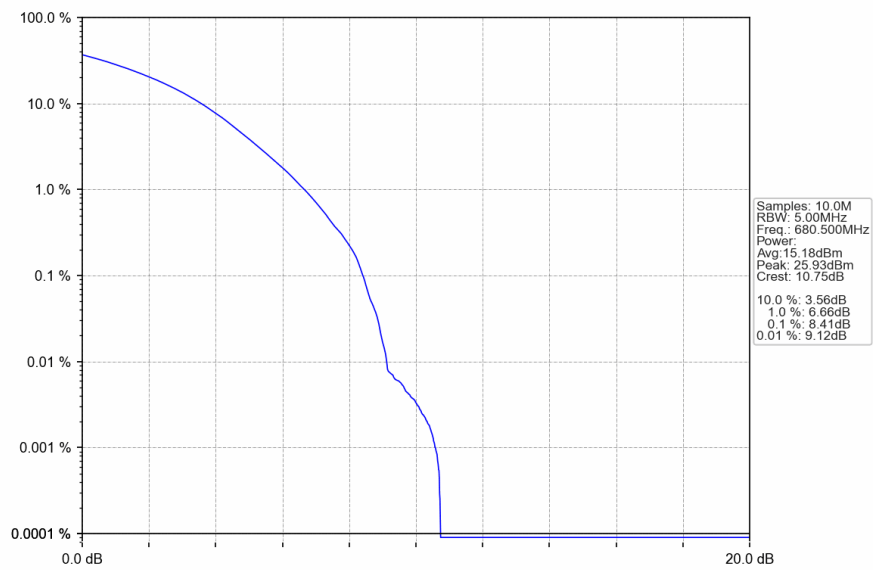
n71_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 695.5MHz_Outer_Full

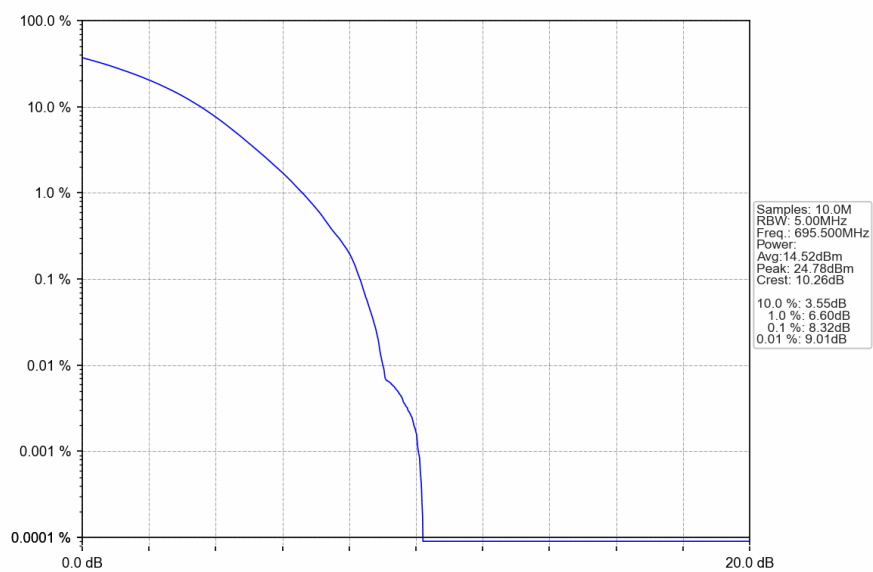


n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_665.5MHz_Outer_Full



n71_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full



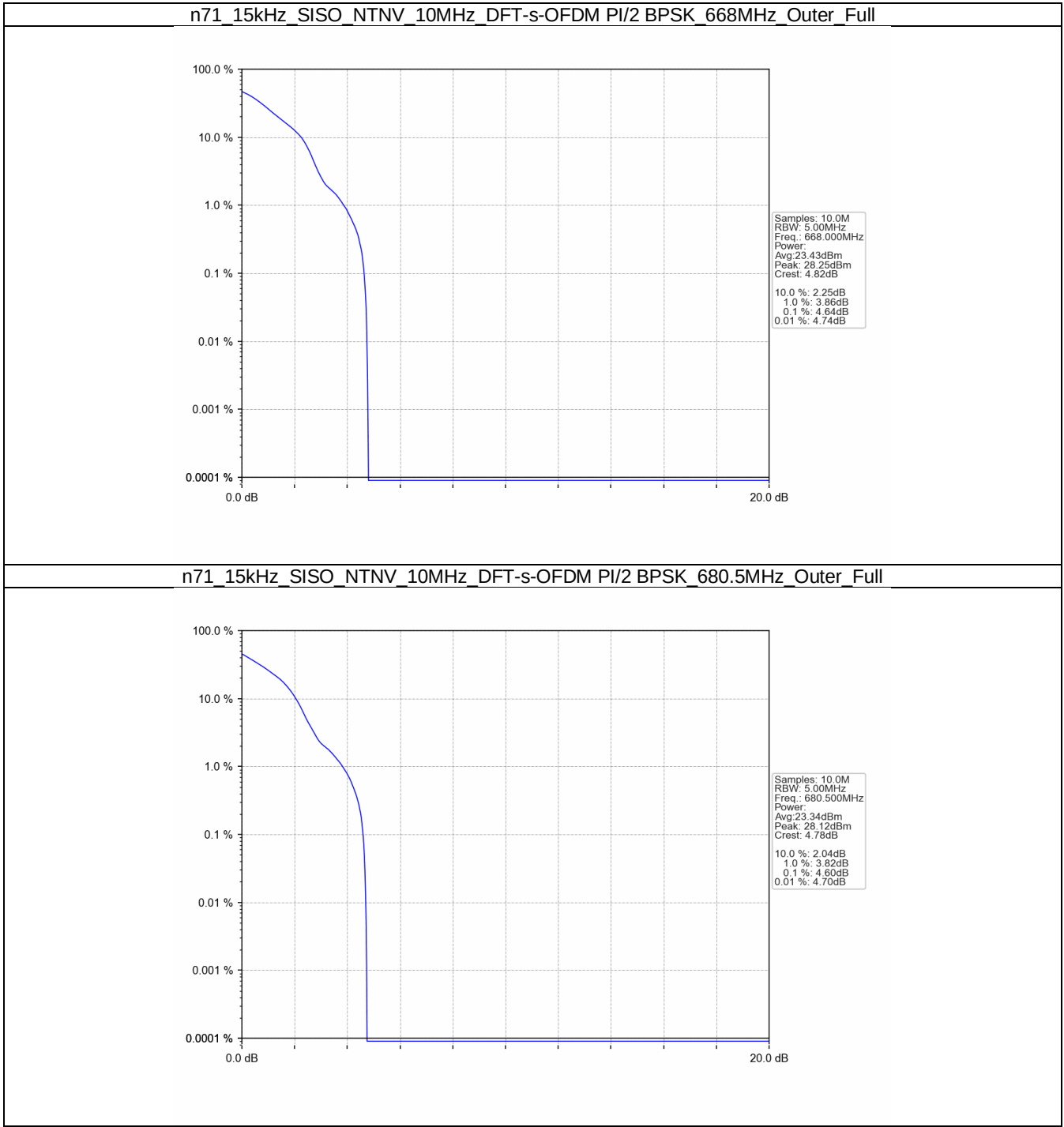


5.2 15k_SISO_10MHz_NTNV

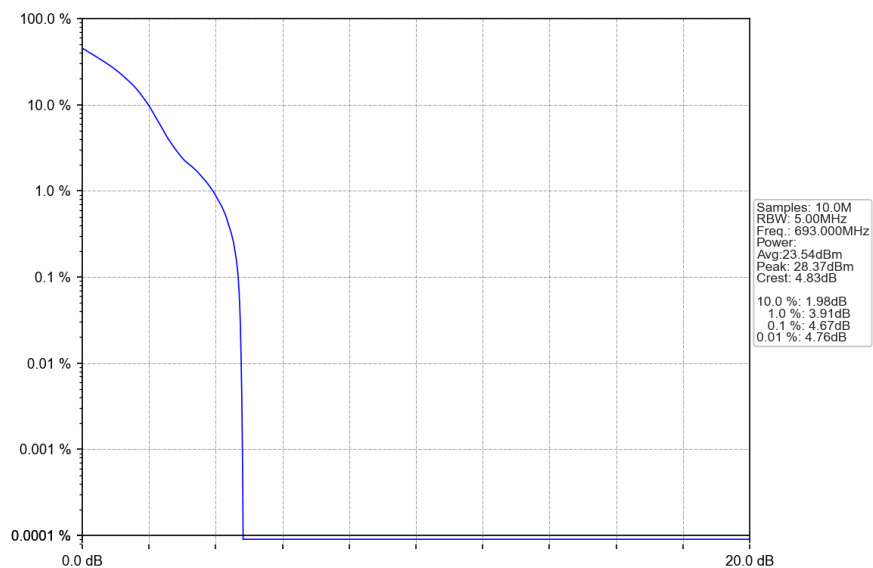
5.2.1 Test Result

5G NR n71 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	668	Outer_Full	4.64	/	/	<=13	Pass
	680.5	Outer_Full	4.60	/	/	<=13	Pass
	693	Outer_Full	4.67	/	/	<=13	Pass
DFT-s-OFDM QPSK	668	Outer_Full	4.77	/	/	<=13	Pass
	680.5	Outer_Full	4.72	/	/	<=13	Pass
	693	Outer_Full	4.77	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	668	Outer_Full	6.16	/	/	<=13	Pass
	680.5	Outer_Full	6.15	/	/	<=13	Pass
	693	Outer_Full	6.15	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	668	Outer_Full	6.46	/	/	<=13	Pass
	680.5	Outer_Full	6.45	/	/	<=13	Pass
	693	Outer_Full	6.43	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	668	Outer_Full	6.61	/	/	<=13	Pass
	680.5	Outer_Full	6.43	/	/	<=13	Pass
	693	Outer_Full	6.44	/	/	<=13	Pass
CP-OFDM QPSK	668	Outer_Full	8.15	/	/	<=13	Pass
	680.5	Outer_Full	8.20	/	/	<=13	Pass
	693	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 16 QAM	668	Outer_Full	8.37	/	/	<=13	Pass
	680.5	Outer_Full	8.38	/	/	<=13	Pass
	693	Outer_Full	8.36	/	/	<=13	Pass
CP-OFDM 64 QAM	668	Outer_Full	7.96	/	/	<=13	Pass
	680.5	Outer_Full	8.09	/	/	<=13	Pass
	693	Outer_Full	8.07	/	/	<=13	Pass
CP-OFDM 256 QAM	668	Outer_Full	8.54	/	/	<=13	Pass
	680.5	Outer_Full	8.49	/	/	<=13	Pass
	693	Outer_Full	8.43	/	/	<=13	Pass

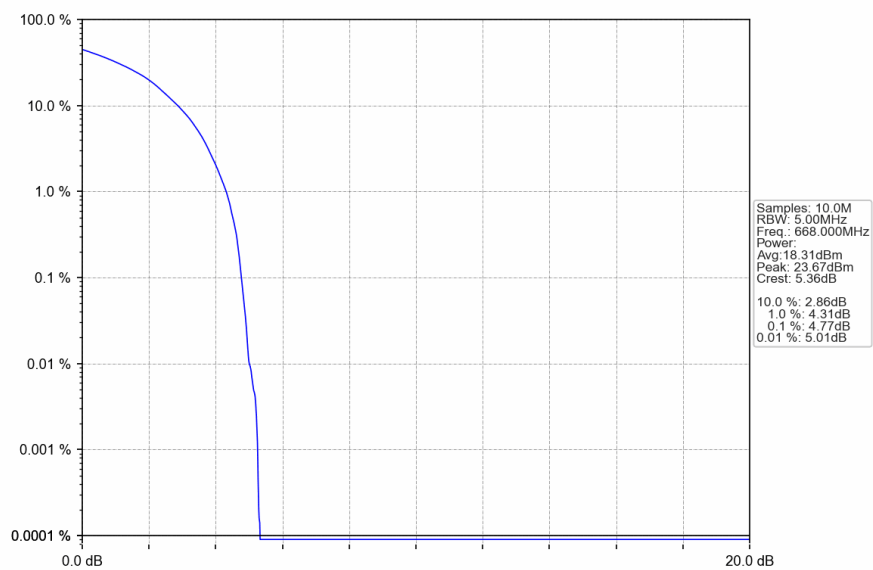
5.2.2 Test Graph



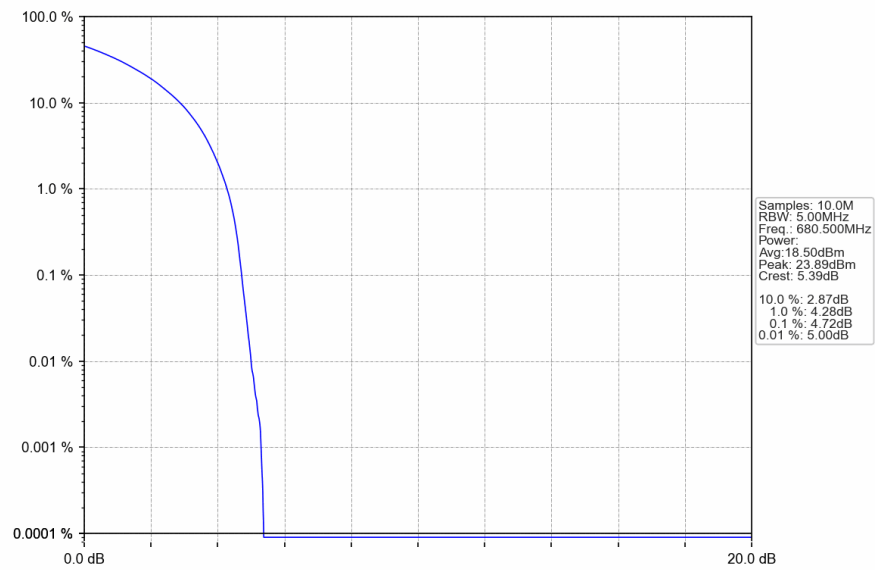
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_693MHz_Outer_Full



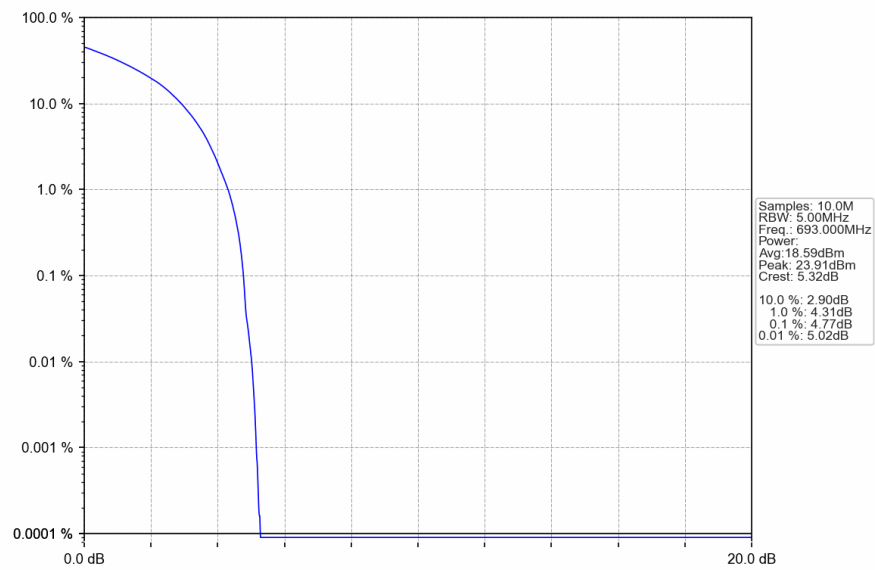
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_668MHz_Outer_Full



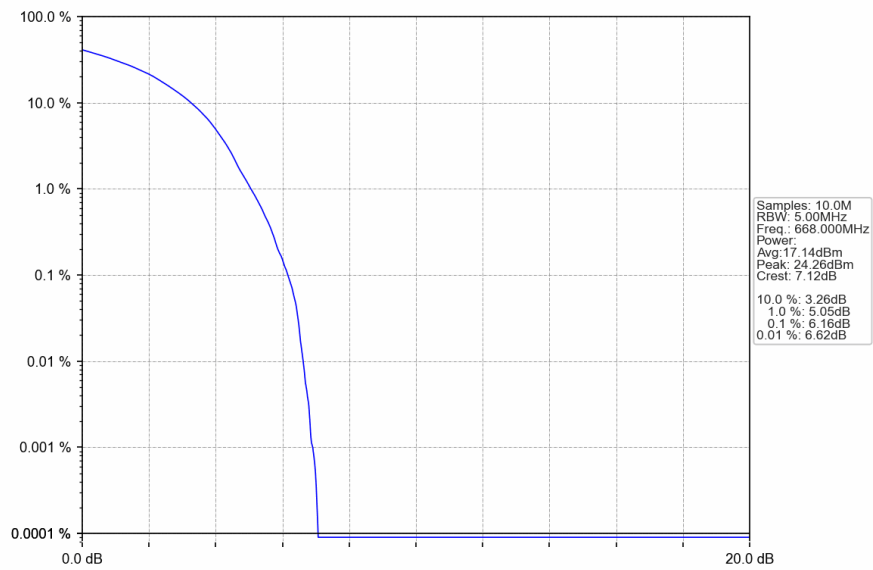
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_680.5MHz_Outer_Full



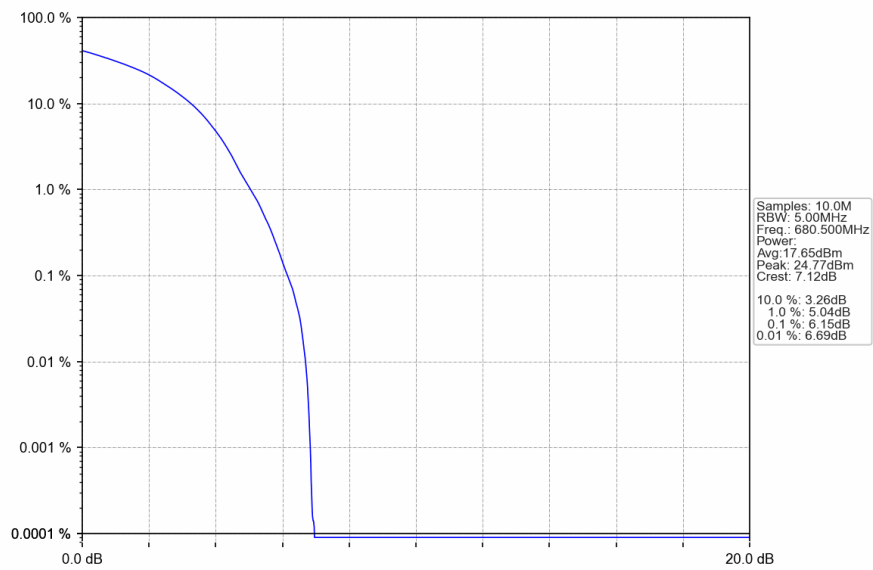
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_693MHz_Outer_Full



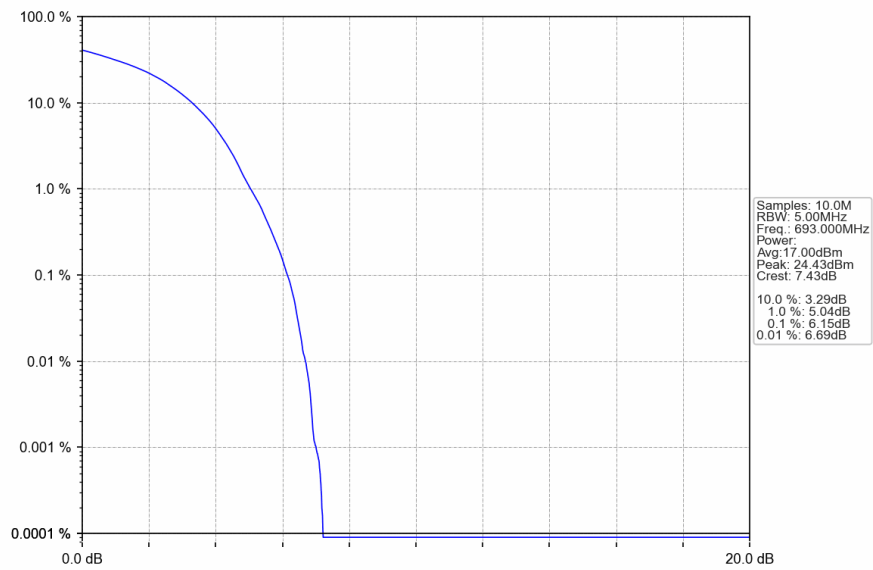
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_668MHz_Outer_Full



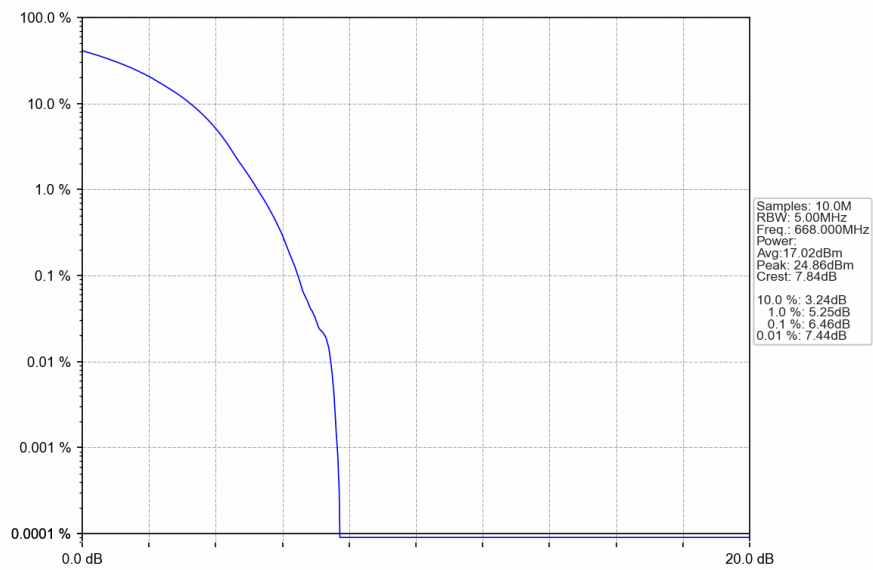
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_680.5MHz_Outer_Full



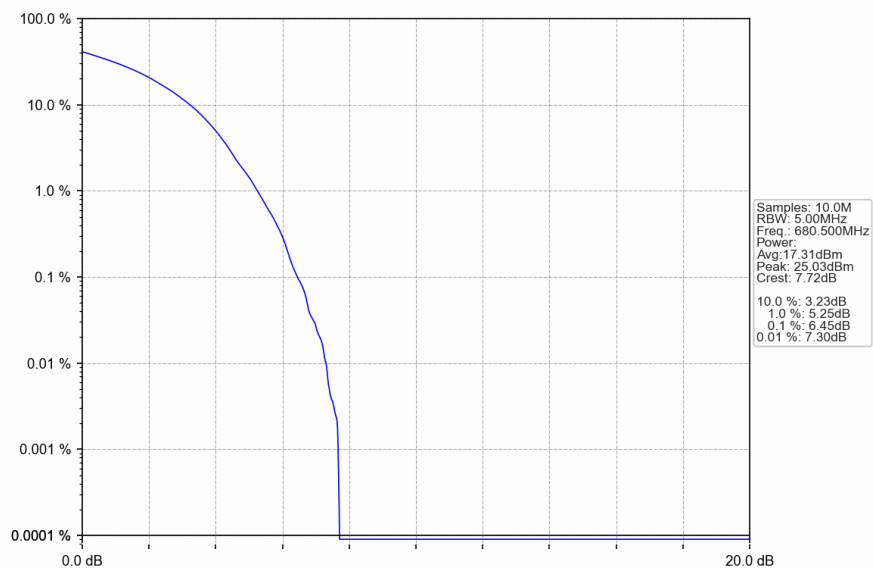
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_693MHz_Outer_Full



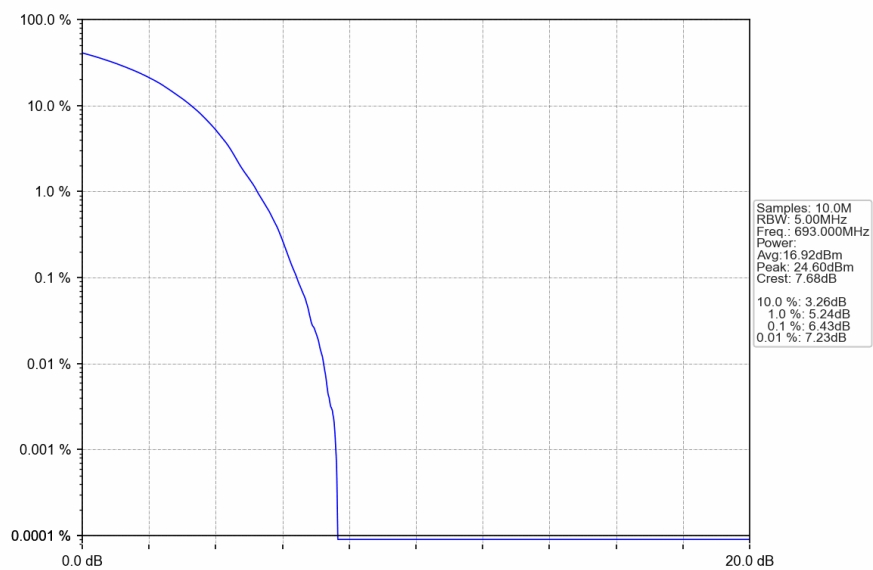
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_668MHz_Outer_Full



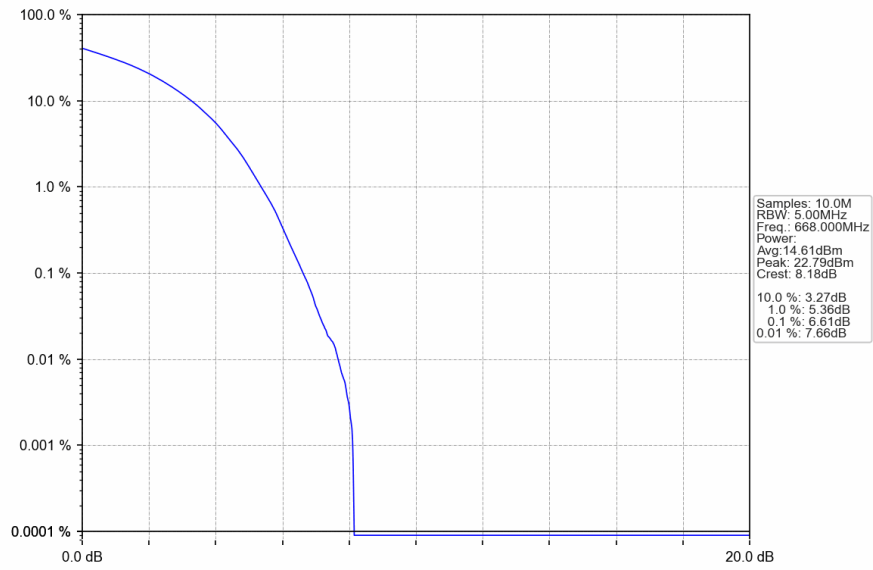
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full



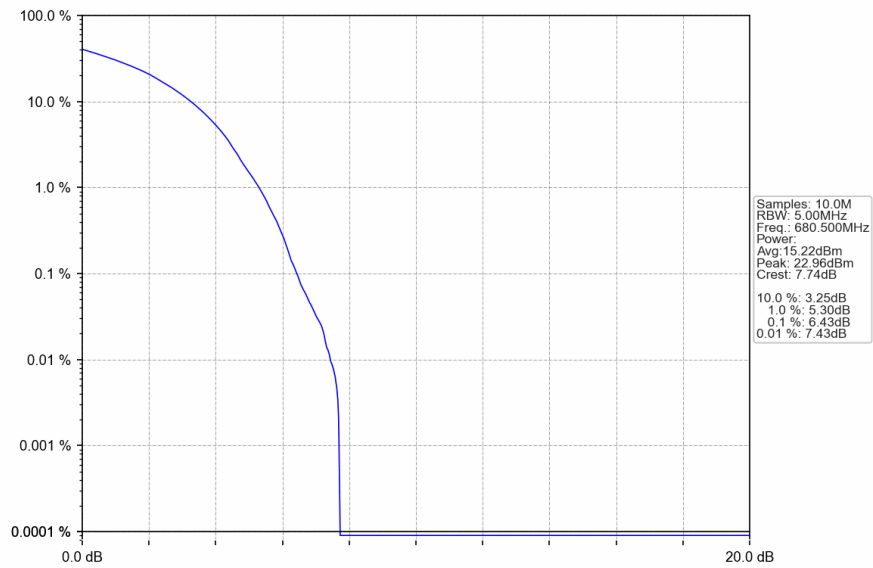
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_693MHz_Outer_Full



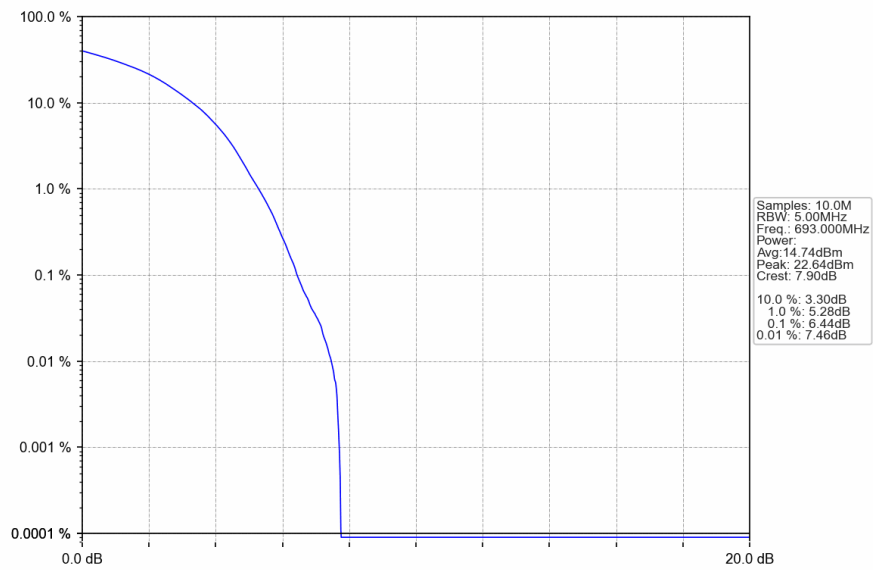
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_668MHz_Outer_Full



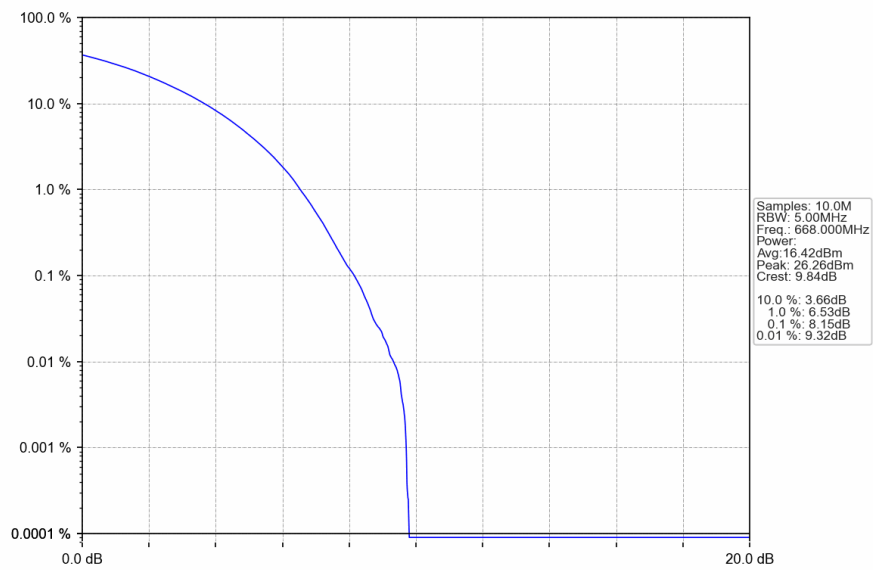
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full



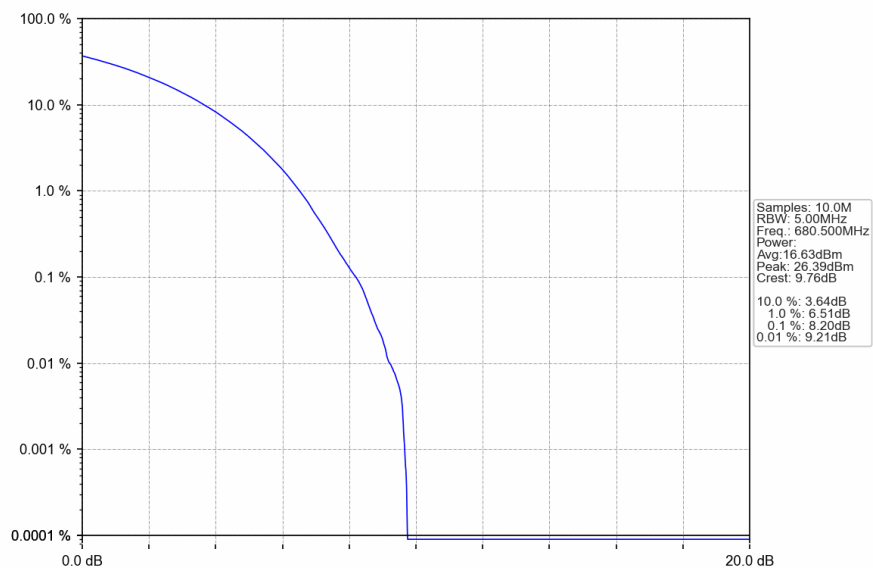
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_693MHz_Outer_Full



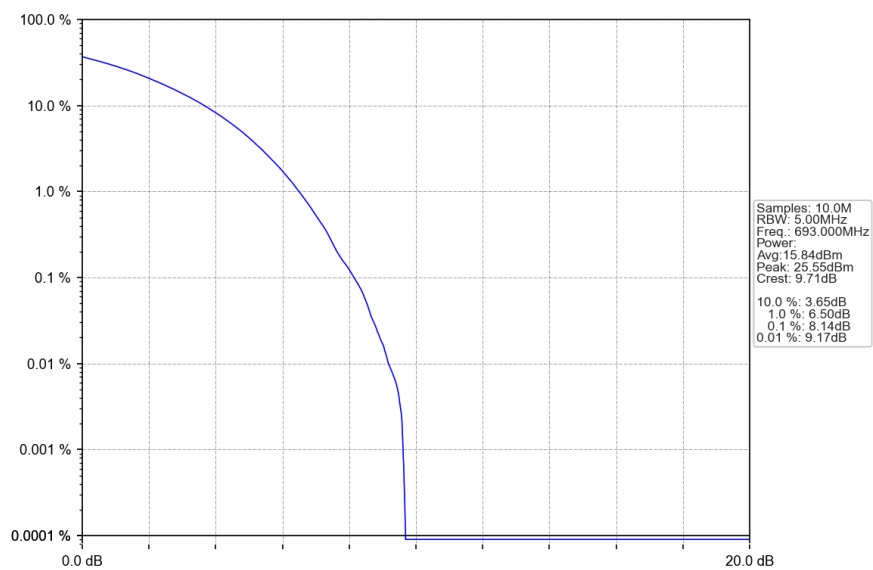
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_668MHz_Outer_Full



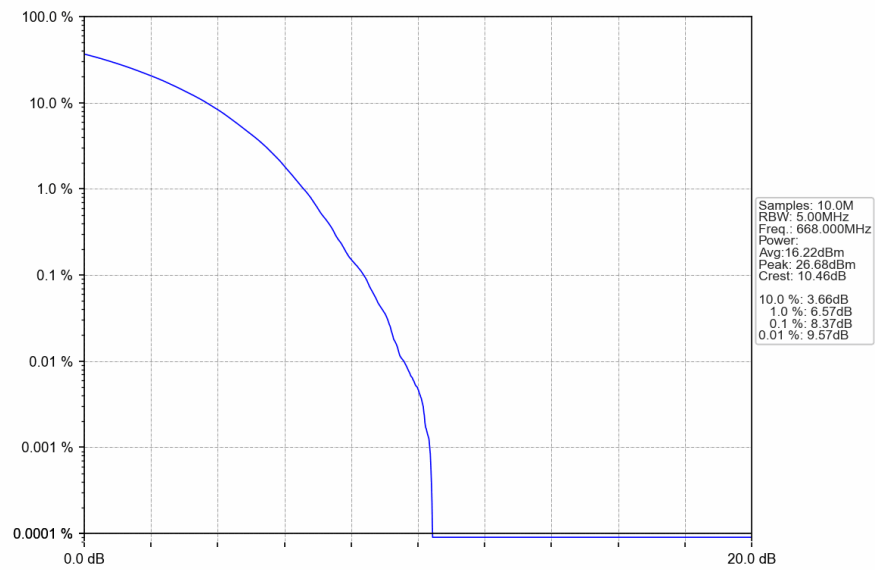
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full



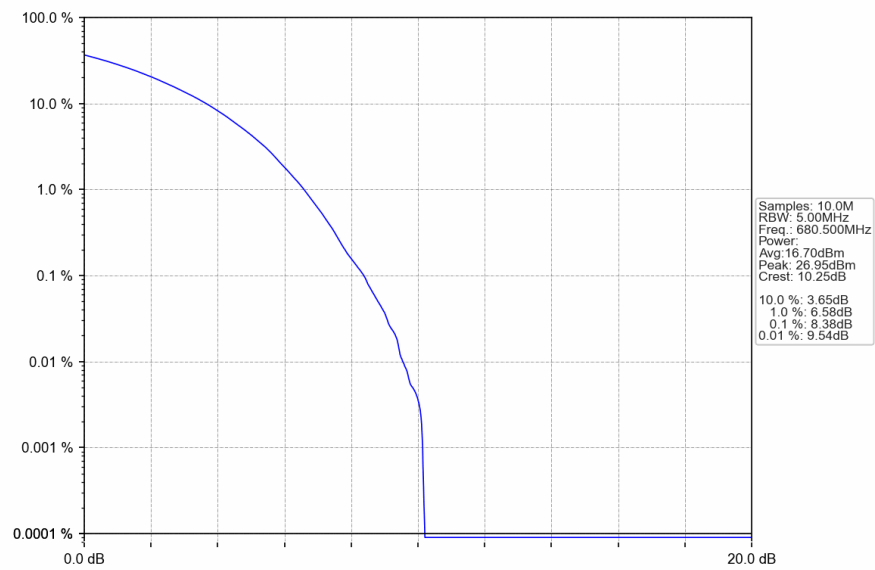
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_693MHz_Outer_Full



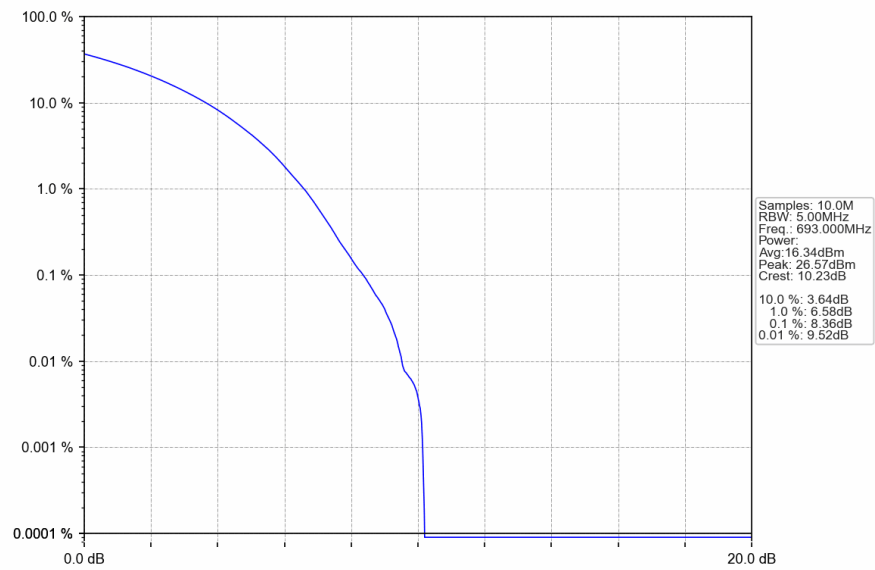
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_668MHz_Outer_Full



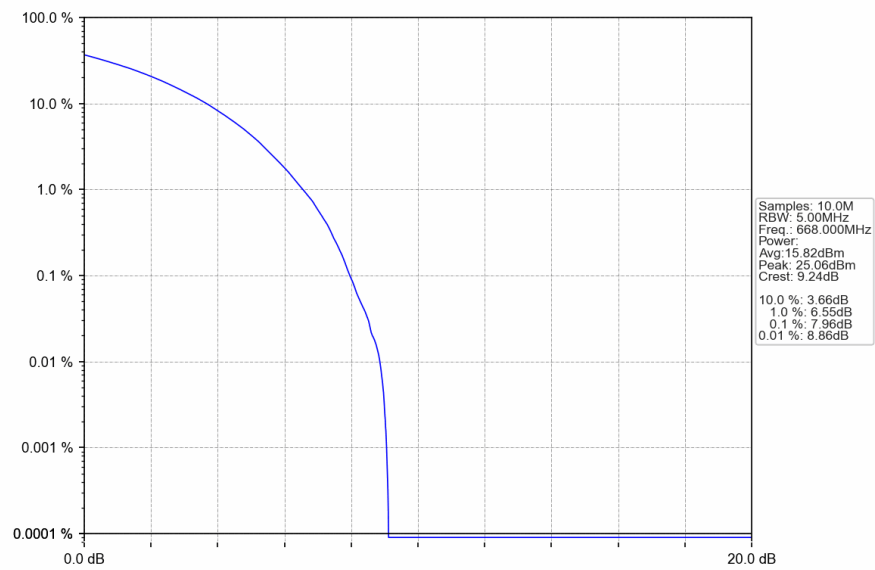
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_680.5MHz_Outer_Full



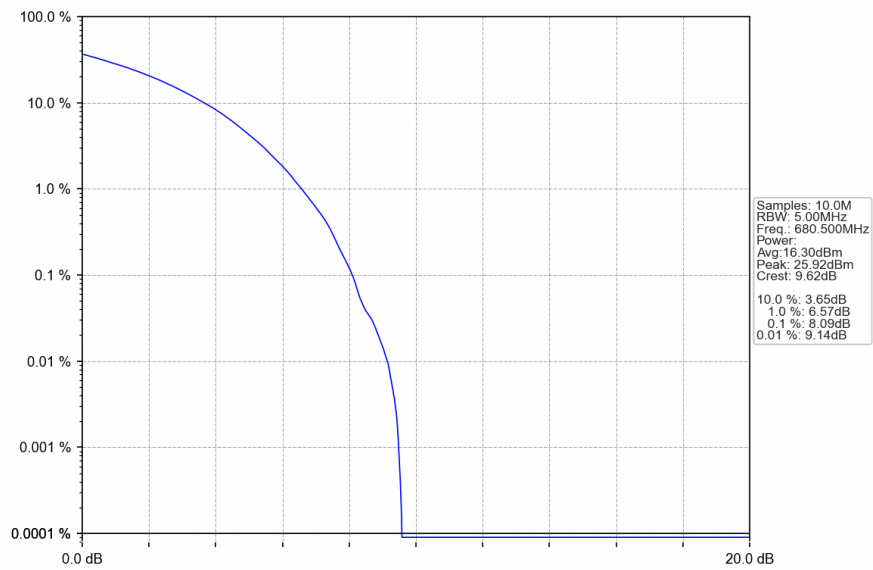
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_693MHz_Outer_Full



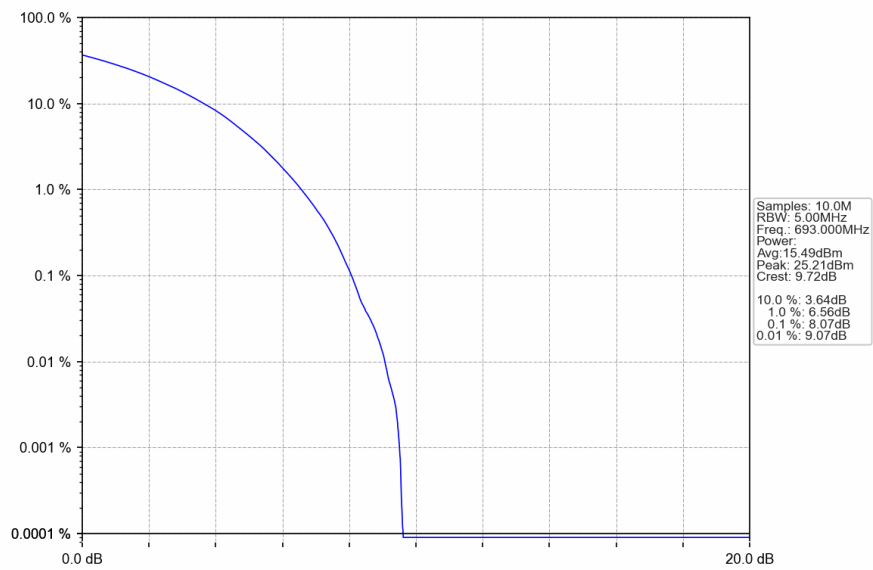
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_668MHz_Outer_Full



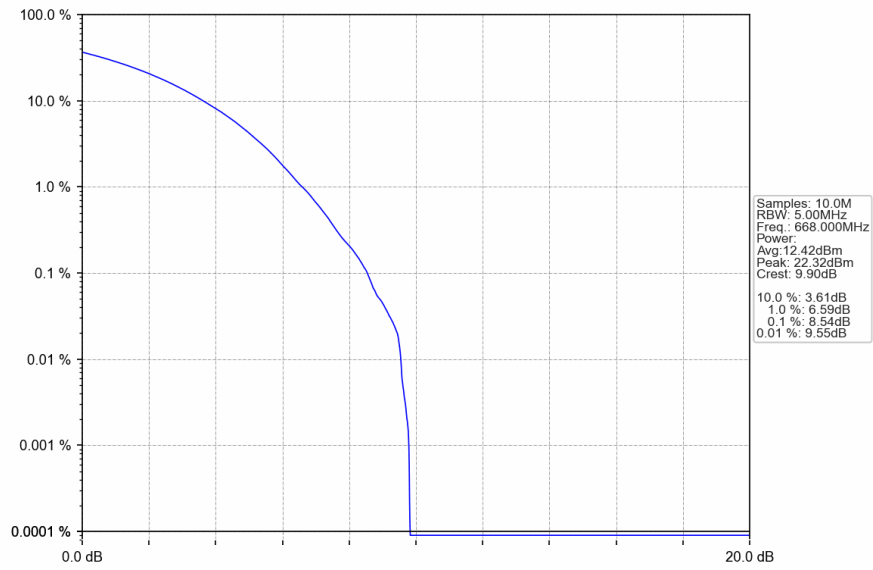
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full



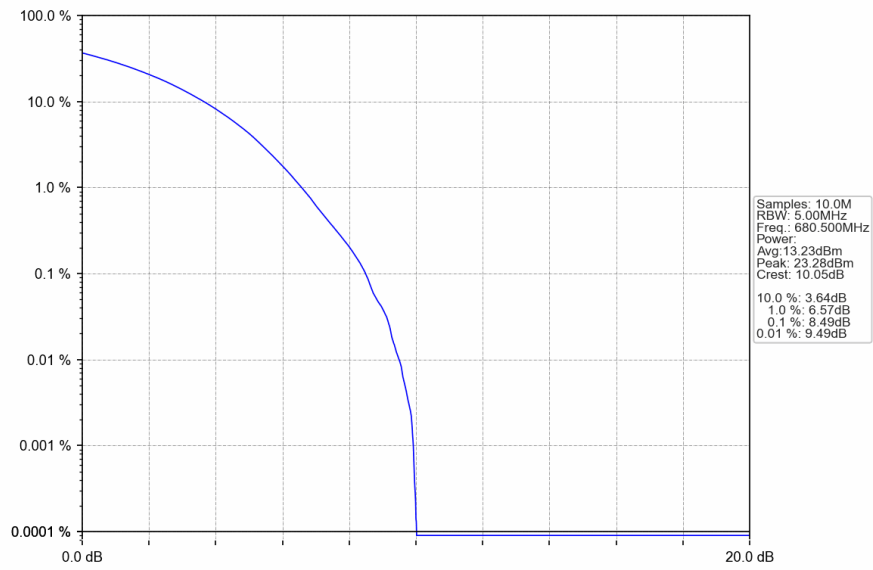
n71_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_693MHz_Outer_Full

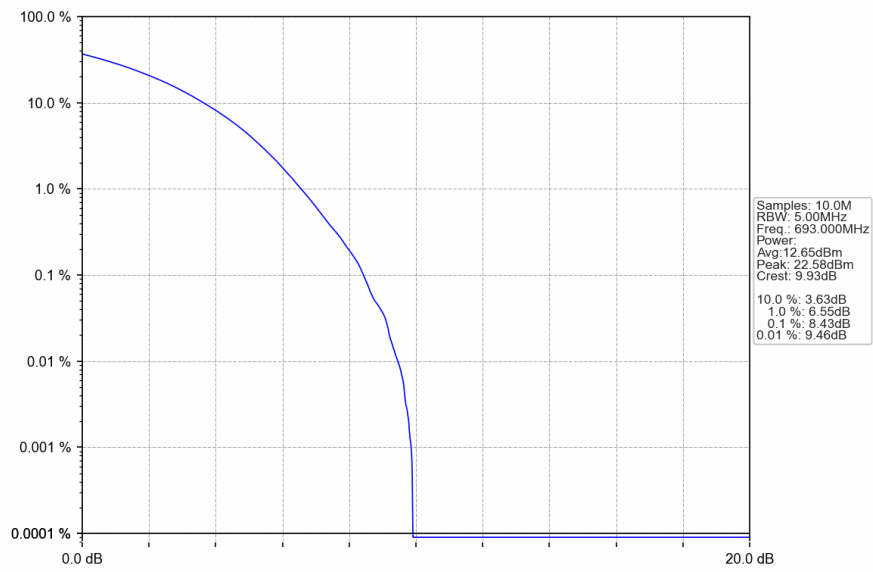


n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_668MHz_Outer_Full



n71_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_680.5MHz_Outer_Full



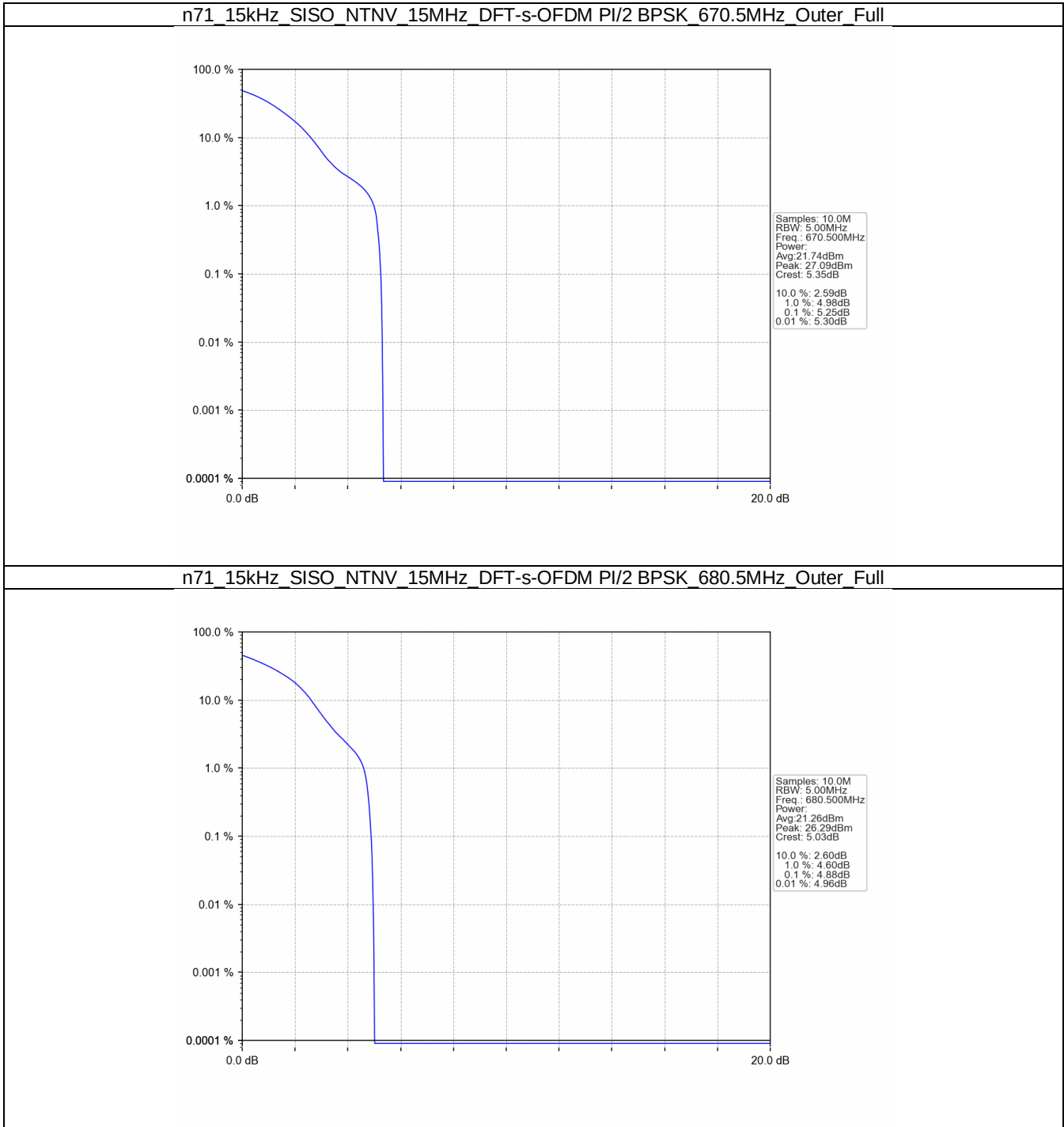


5.3 15k_SISO_15MHz_NTNV

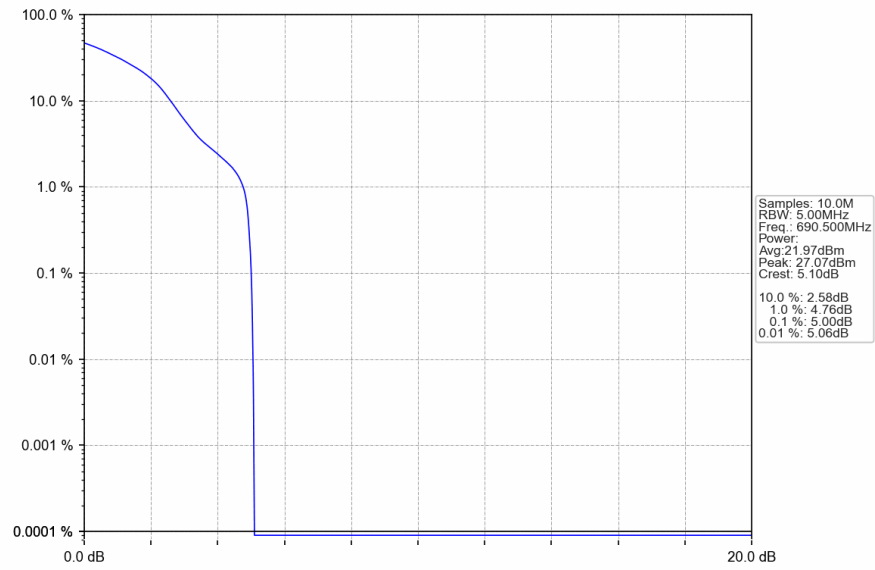
5.3.1 Test Result

5G NR n71 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	670.5	Outer_Full	5.25	/	/	<=13	Pass
	680.5	Outer_Full	4.88	/	/	<=13	Pass
	690.5	Outer_Full	5.00	/	/	<=13	Pass
DFT-s-OFDM QPSK	670.5	Outer_Full	5.68	/	/	<=13	Pass
	680.5	Outer_Full	5.74	/	/	<=13	Pass
	690.5	Outer_Full	5.70	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	670.5	Outer_Full	6.73	/	/	<=13	Pass
	680.5	Outer_Full	6.78	/	/	<=13	Pass
	690.5	Outer_Full	6.83	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	670.5	Outer_Full	6.83	/	/	<=13	Pass
	680.5	Outer_Full	6.87	/	/	<=13	Pass
	690.5	Outer_Full	6.86	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	670.5	Outer_Full	6.94	/	/	<=13	Pass
	680.5	Outer_Full	6.98	/	/	<=13	Pass
	690.5	Outer_Full	6.92	/	/	<=13	Pass
CP-OFDM QPSK	670.5	Outer_Full	8.14	/	/	<=13	Pass
	680.5	Outer_Full	7.96	/	/	<=13	Pass
	690.5	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM 16 QAM	670.5	Outer_Full	8.42	/	/	<=13	Pass
	680.5	Outer_Full	8.36	/	/	<=13	Pass
	690.5	Outer_Full	8.38	/	/	<=13	Pass
CP-OFDM 64 QAM	670.5	Outer_Full	8.28	/	/	<=13	Pass
	680.5	Outer_Full	8.23	/	/	<=13	Pass
	690.5	Outer_Full	8.22	/	/	<=13	Pass
CP-OFDM 256 QAM	670.5	Outer_Full	8.24	/	/	<=13	Pass
	680.5	Outer_Full	8.27	/	/	<=13	Pass
	690.5	Outer_Full	8.29	/	/	<=13	Pass

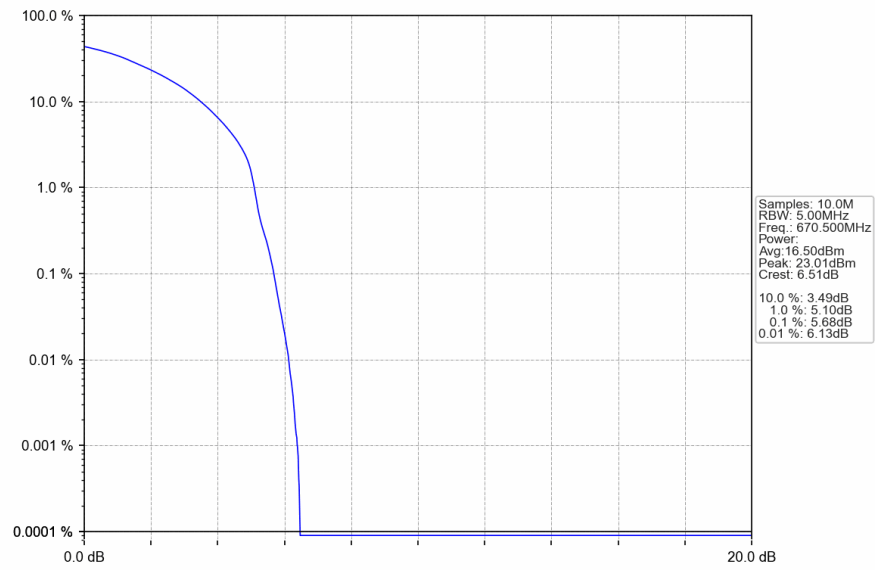
5.3.2 Test Graph



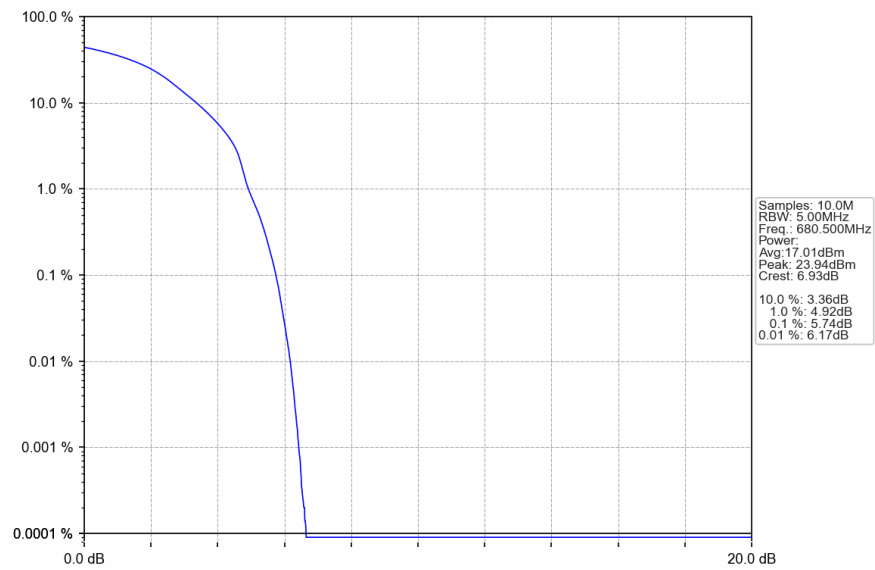
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_690.5MHz_Outer_Full



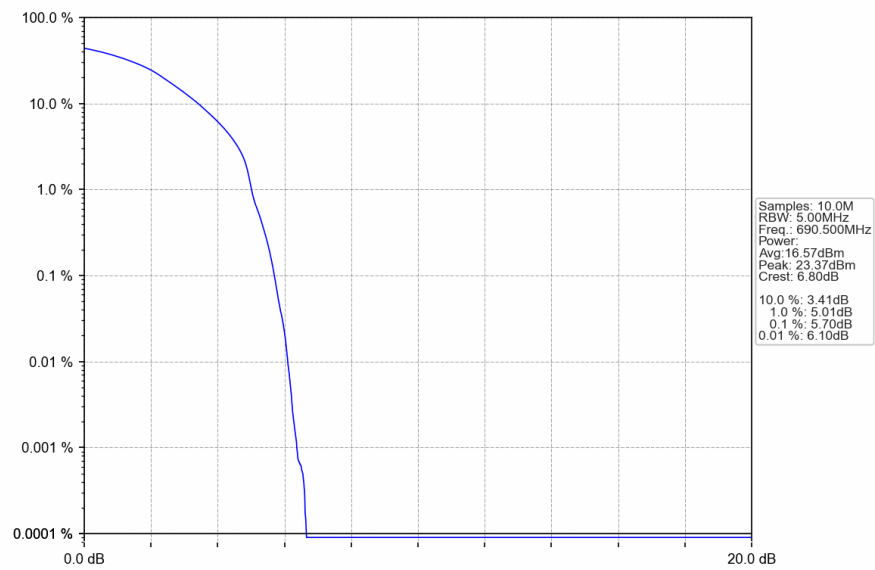
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Outer_Full



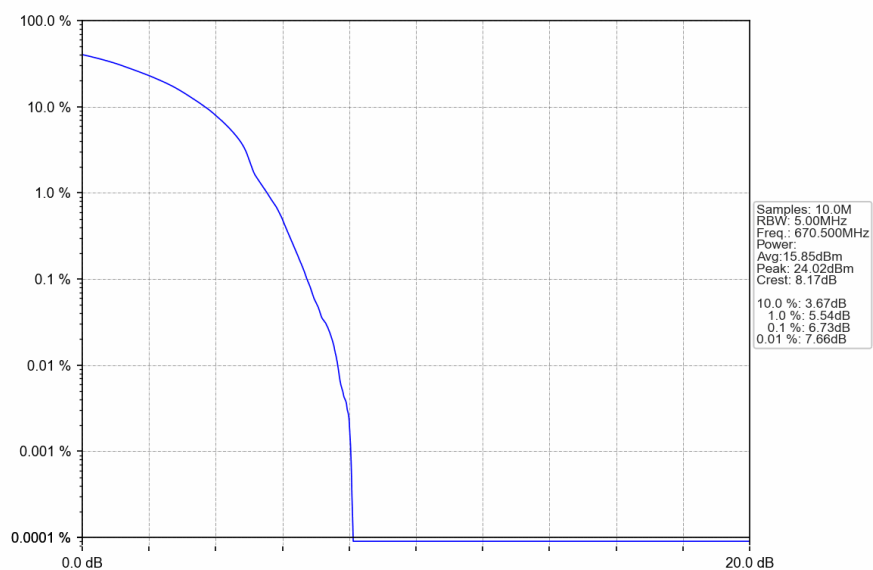
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_680.5MHz_Outer_Full



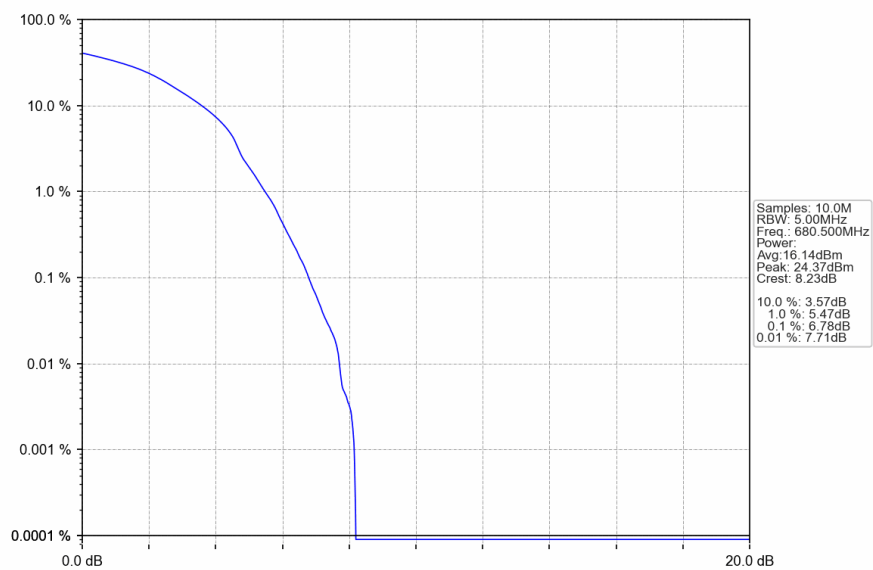
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Outer_Full



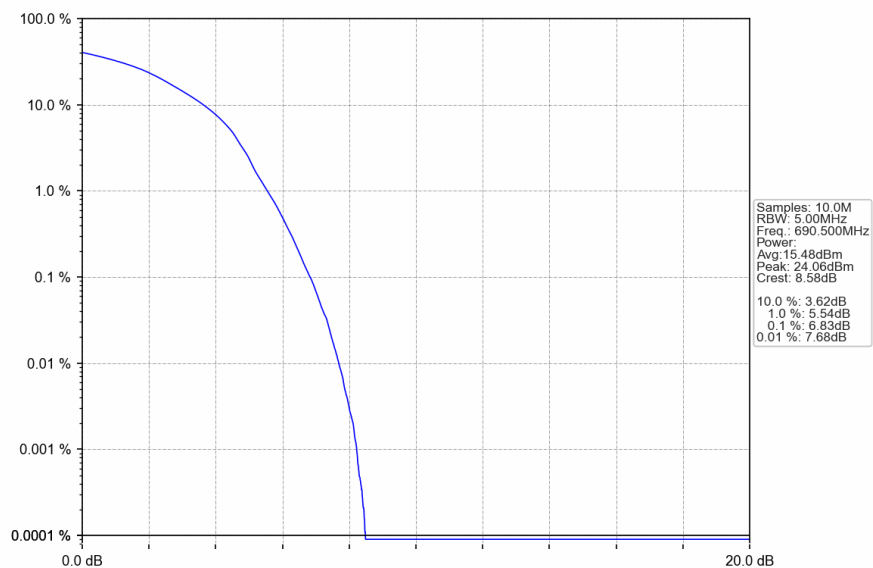
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16QAM_670.5MHz_Outer_Full



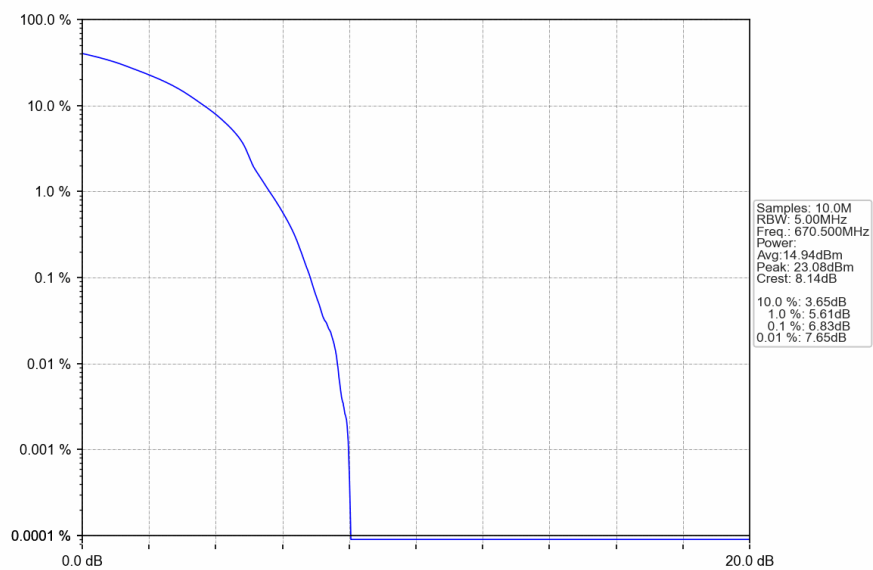
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16QAM_680.5MHz_Outer_Full



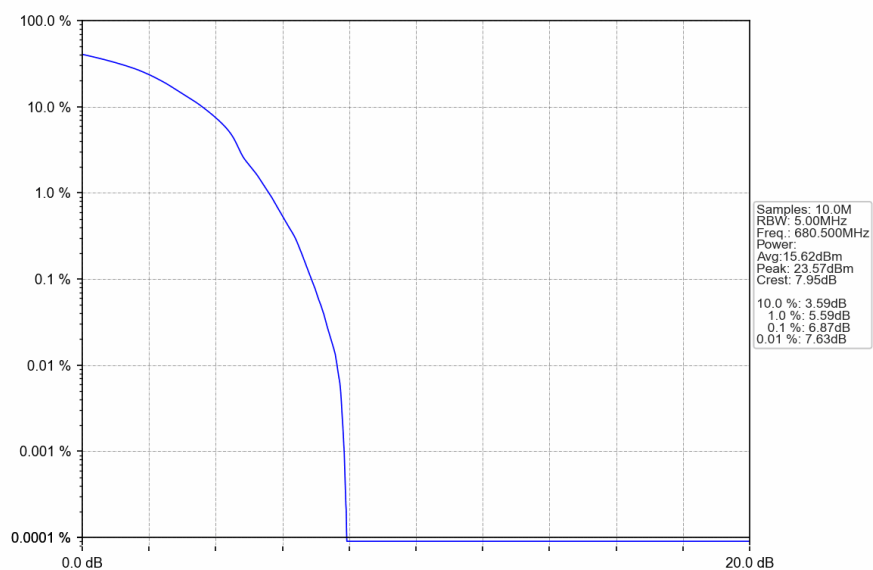
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16QAM_690.5MHz_Outer_Full



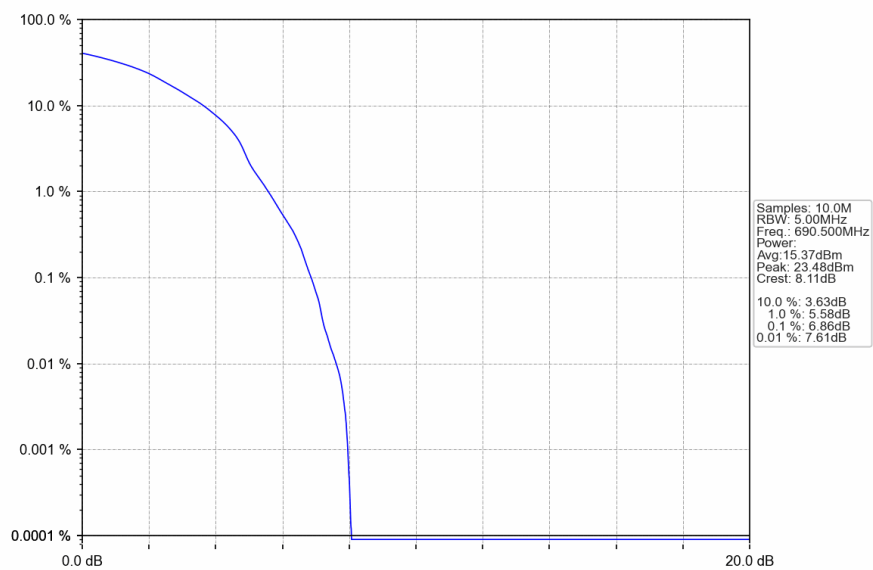
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64QAM_670.5MHz_Outer_Full



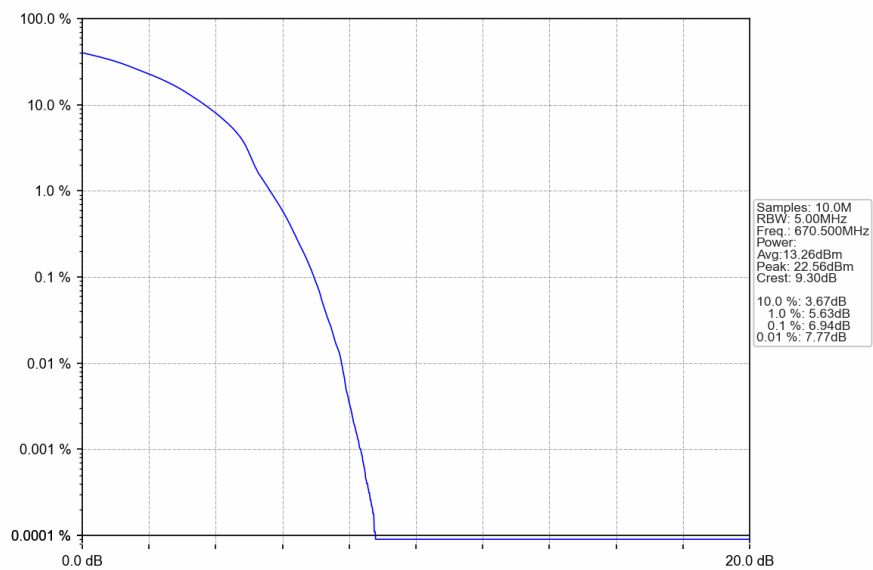
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full



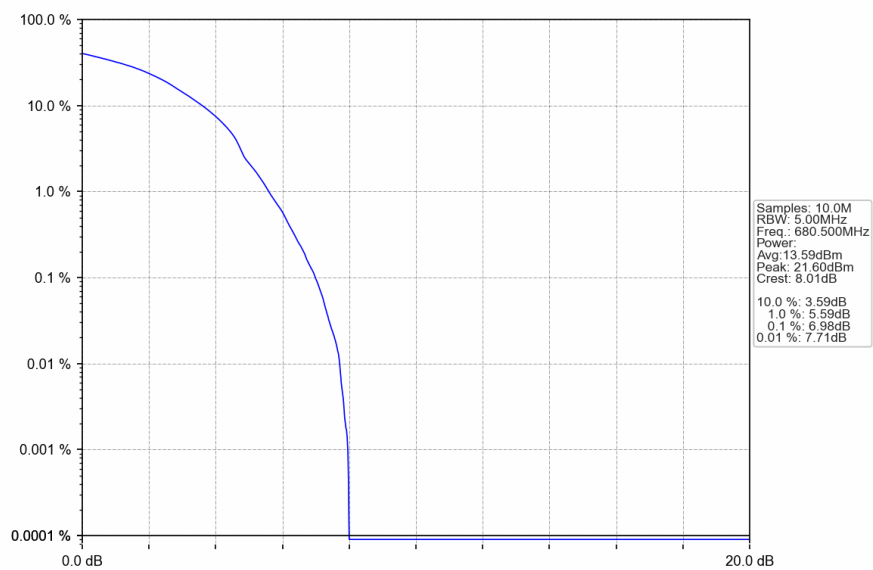
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_690.5MHz_Outer_Full



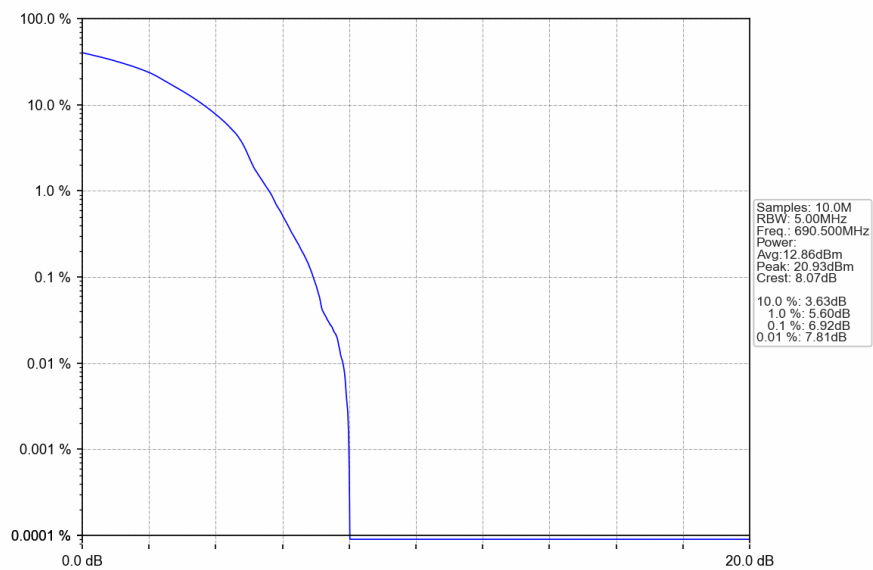
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_670.5MHz_Outer_Full



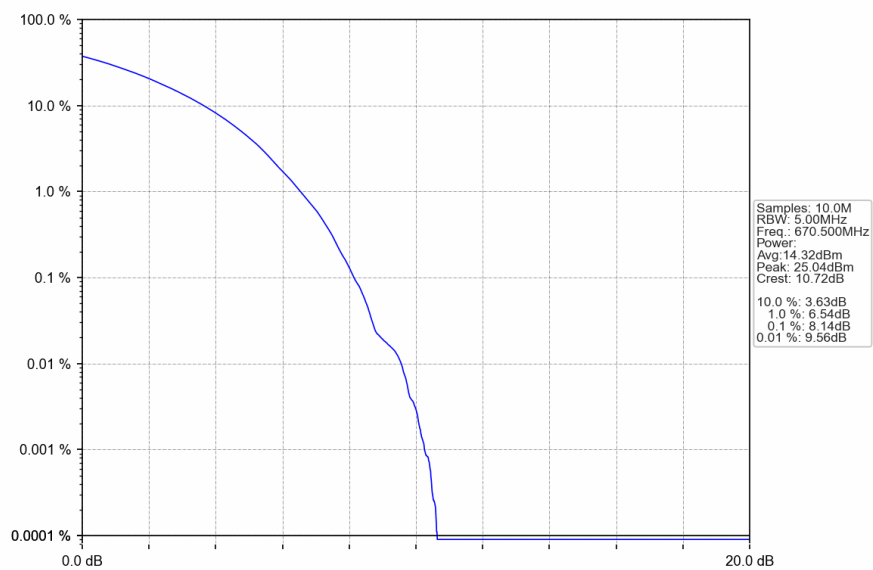
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full



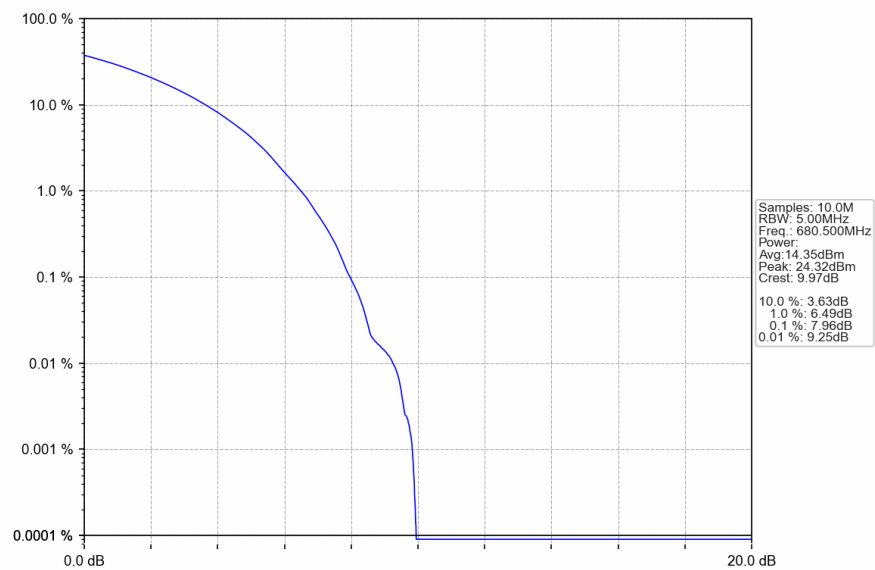
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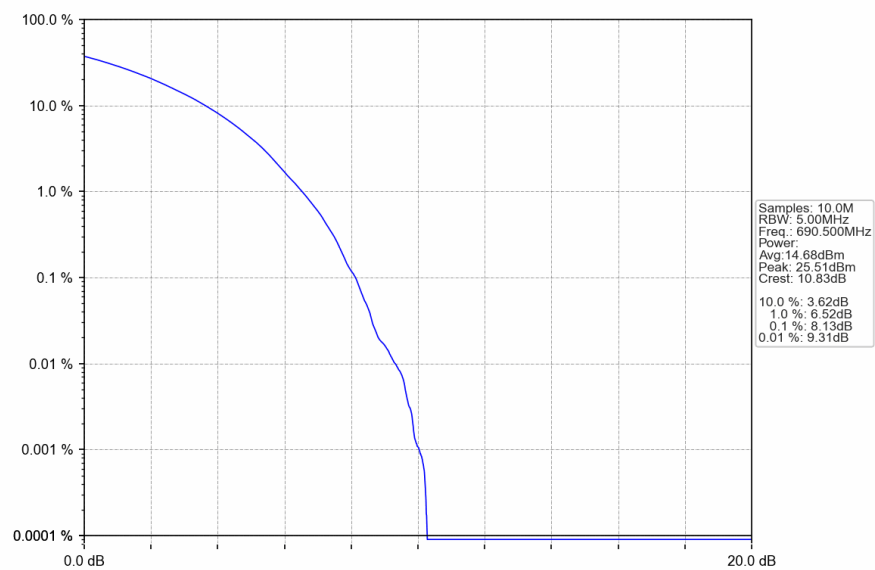
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_670.5MHz_Outer_Full



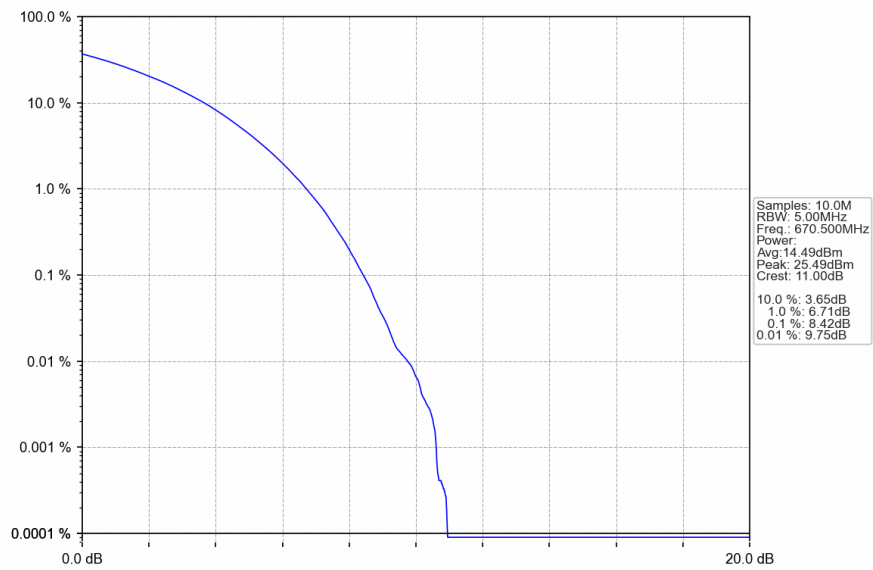
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_680.5MHz_Outer_Full



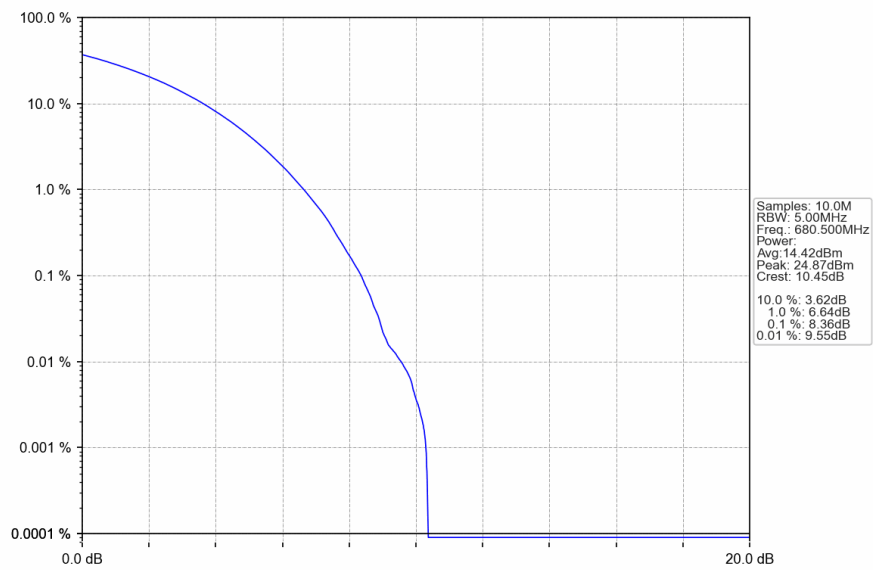
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_690.5MHz_Outer_Full



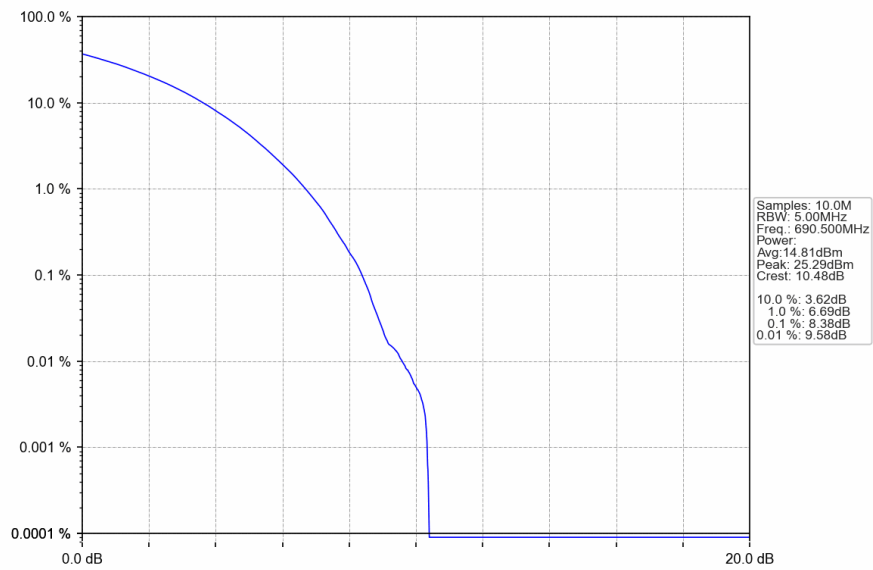
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_16QAM_670.5MHz_Outer_Full



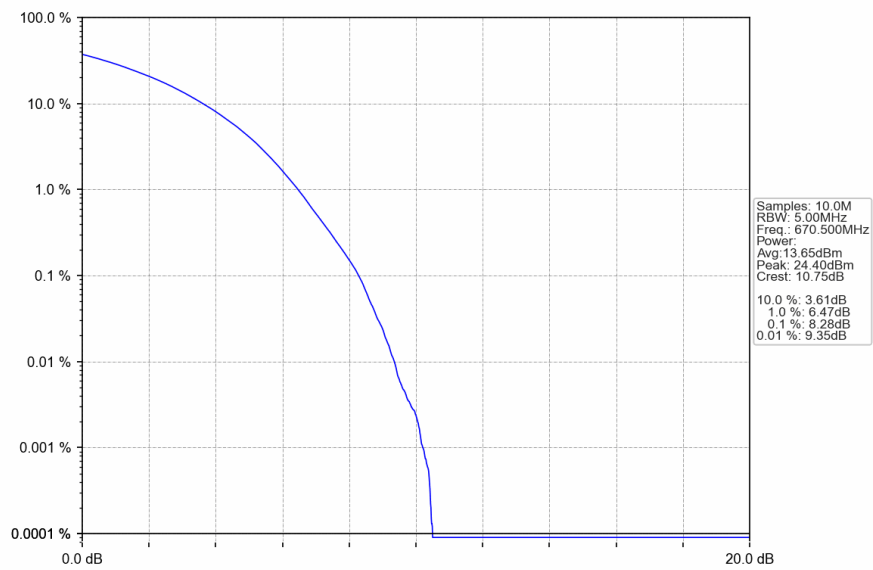
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_16QAM_680.5MHz_Outer_Full



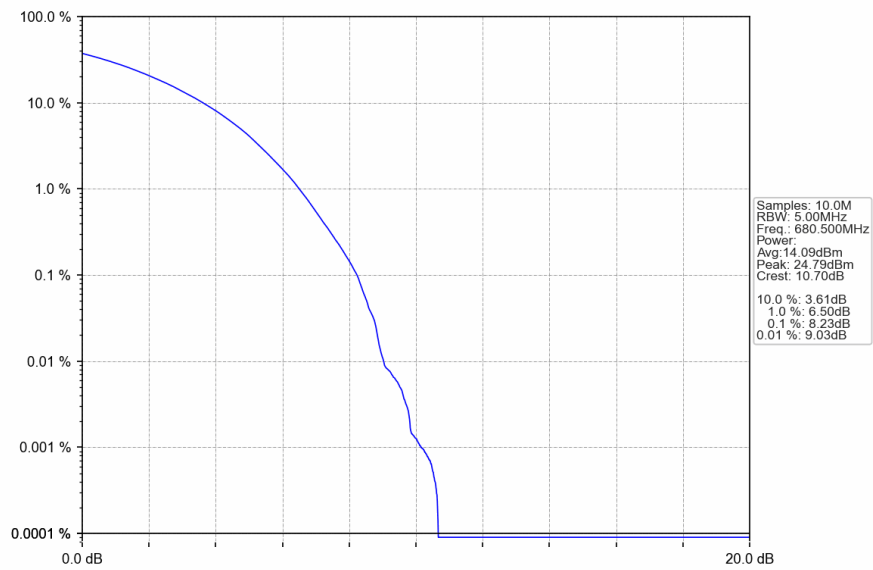
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_16QAM_690.5MHz_Outer_Full



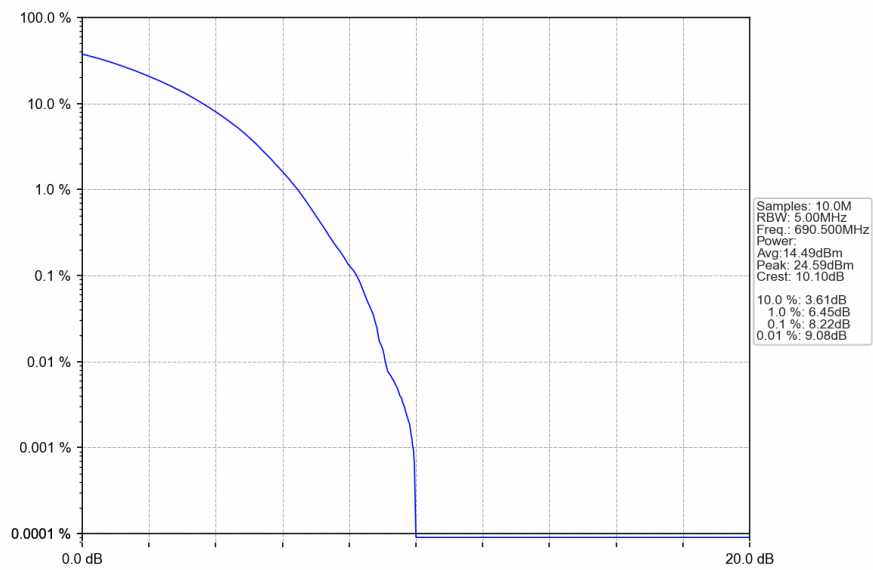
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_64QAM_670.5MHz_Outer_Full



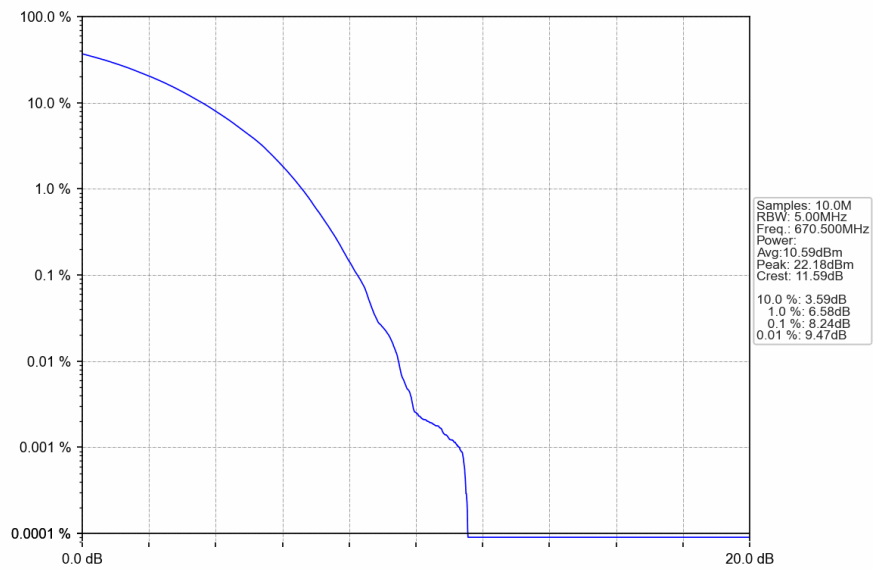
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full



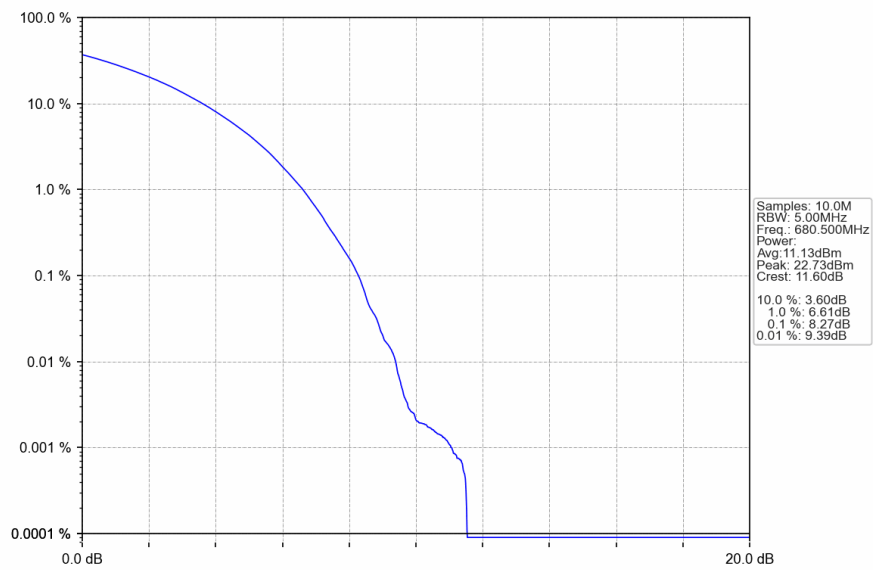
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_690.5MHz_Outer_Full



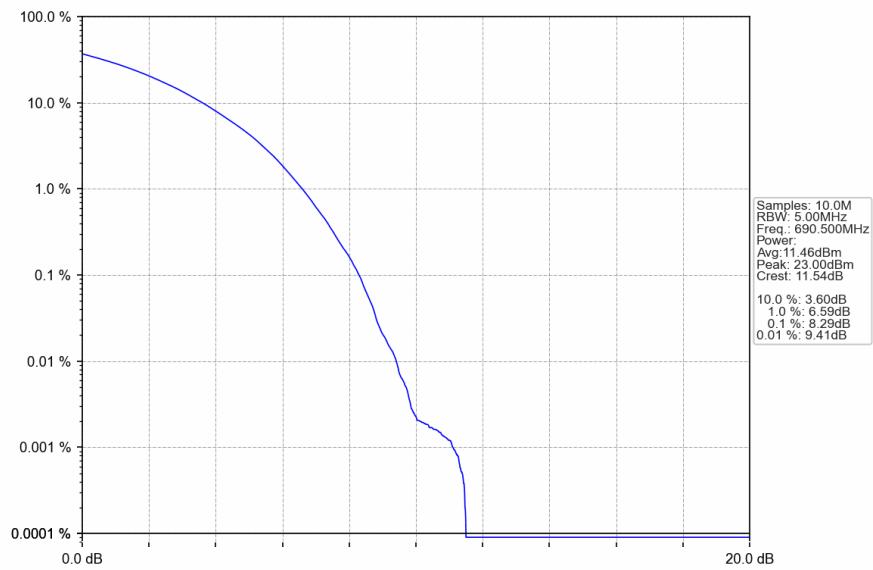
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_670.5MHz_Outer_Full



n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full



n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_690.5MHz_Outer_Full

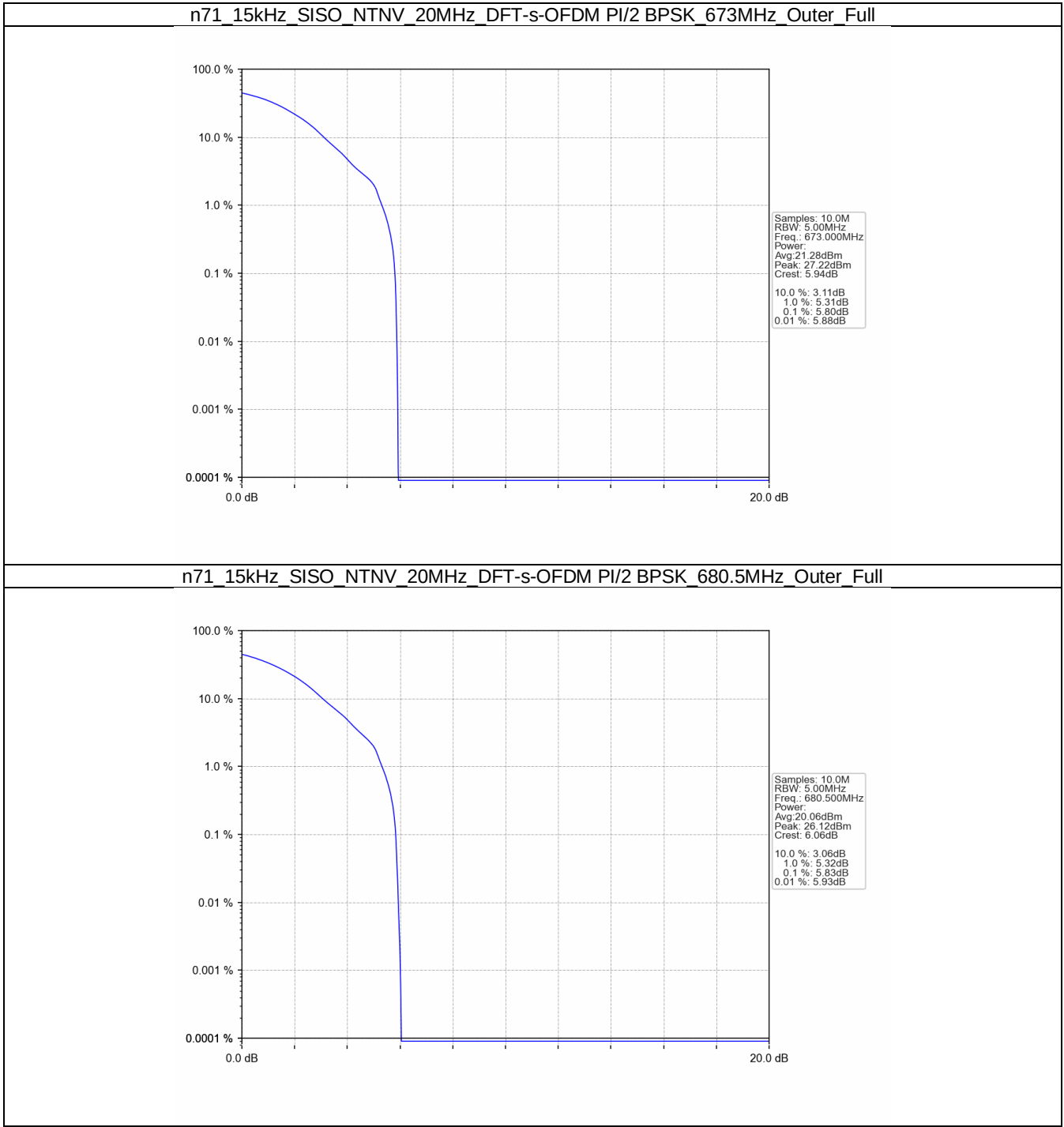


5.4 15k_SISO_20MHz_NTNV

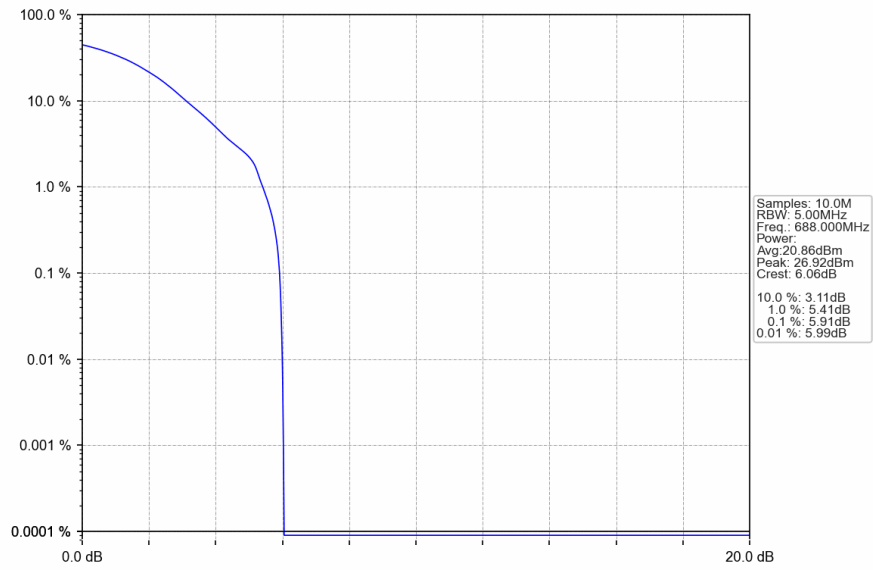
5.4.1 Test Result

5G NR n71 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	673	Outer_Full	5.80	/	/	<=13	Pass
	680.5	Outer_Full	5.83	/	/	<=13	Pass
	688	Outer_Full	5.91	/	/	<=13	Pass
DFT-s-OFDM QPSK	673	Outer_Full	6.34	/	/	<=13	Pass
	680.5	Outer_Full	6.40	/	/	<=13	Pass
	688	Outer_Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	673	Outer_Full	7.06	/	/	<=13	Pass
	680.5	Outer_Full	7.01	/	/	<=13	Pass
	688	Outer_Full	7.06	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	673	Outer_Full	7.46	/	/	<=13	Pass
	680.5	Outer_Full	7.48	/	/	<=13	Pass
	688	Outer_Full	7.46	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	673	Outer_Full	7.28	/	/	<=13	Pass
	680.5	Outer_Full	7.36	/	/	<=13	Pass
	688	Outer_Full	7.30	/	/	<=13	Pass
CP-OFDM QPSK	673	Outer_Full	8.17	/	/	<=13	Pass
	680.5	Outer_Full	8.18	/	/	<=13	Pass
	688	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM 16 QAM	673	Outer_Full	8.27	/	/	<=13	Pass
	680.5	Outer_Full	8.32	/	/	<=13	Pass
	688	Outer_Full	8.26	/	/	<=13	Pass
CP-OFDM 64 QAM	673	Outer_Full	8.64	/	/	<=13	Pass
	680.5	Outer_Full	8.56	/	/	<=13	Pass
	688	Outer_Full	8.62	/	/	<=13	Pass
CP-OFDM 256 QAM	673	Outer_Full	8.14	/	/	<=13	Pass
	680.5	Outer_Full	8.28	/	/	<=13	Pass
	688	Outer_Full	8.14	/	/	<=13	Pass

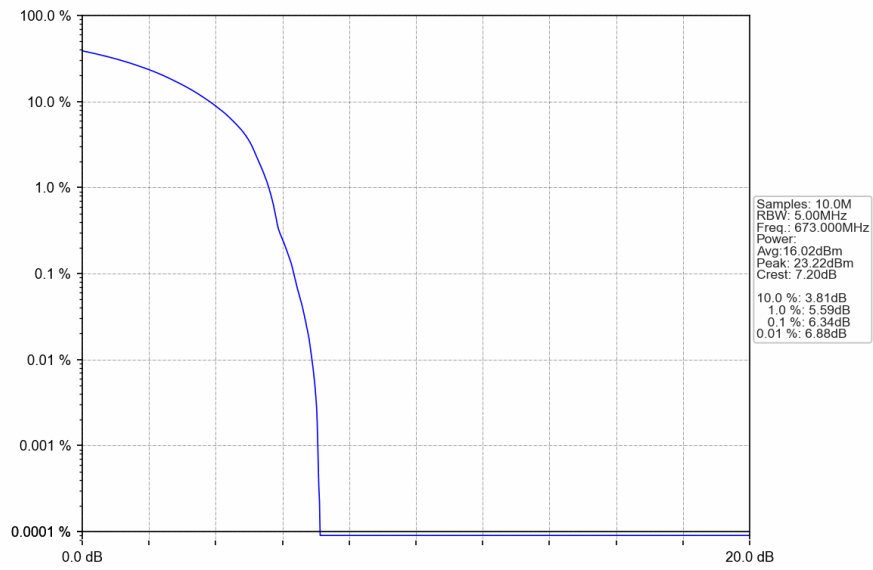
5.4.2 Test Graph



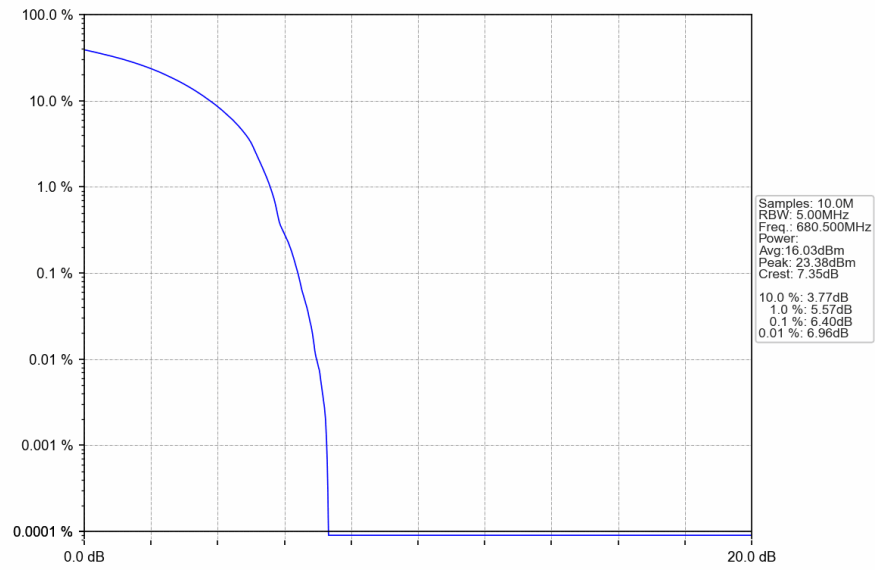
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_688MHz_Outer_Full



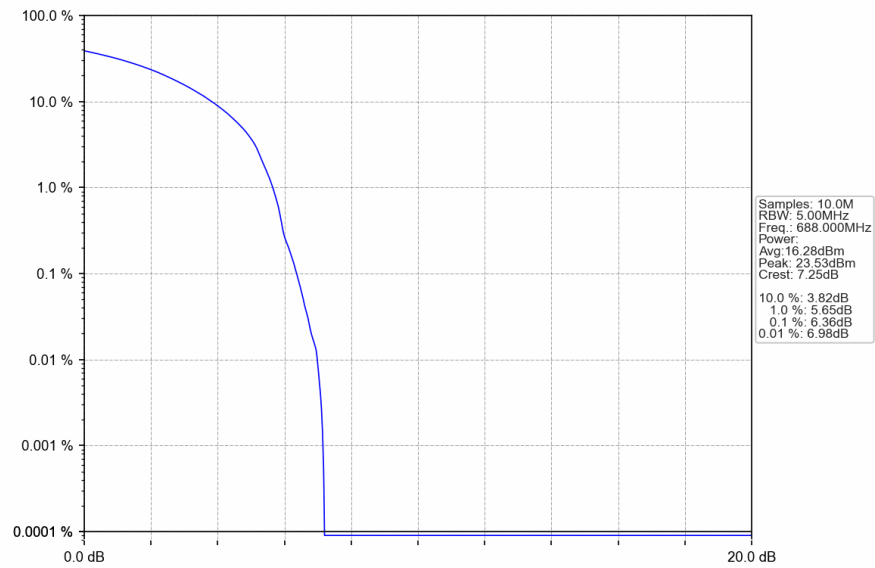
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Outer_Full



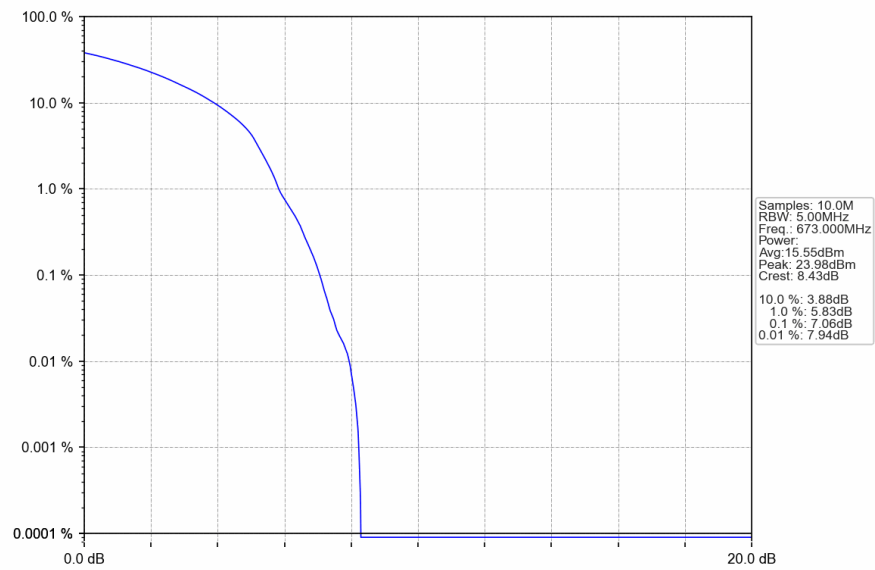
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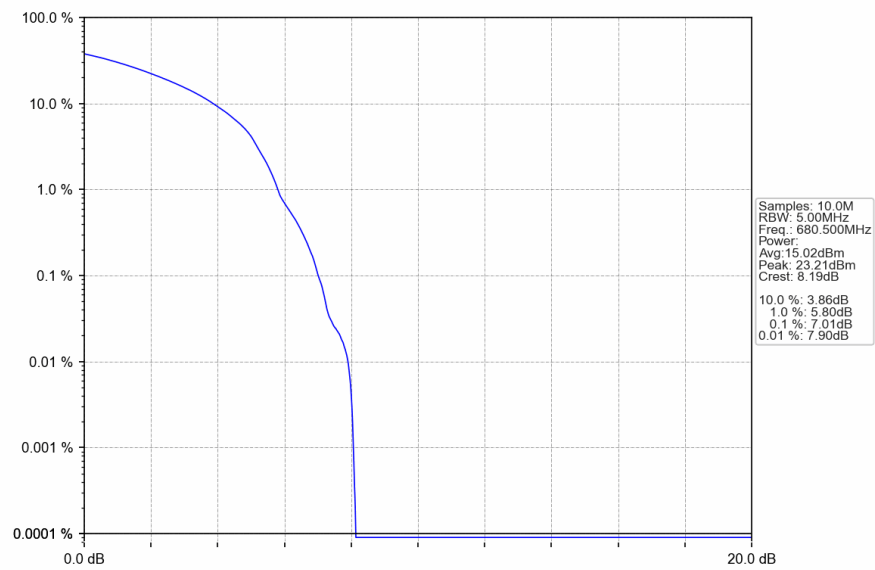
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_688MHz_Outer_Full



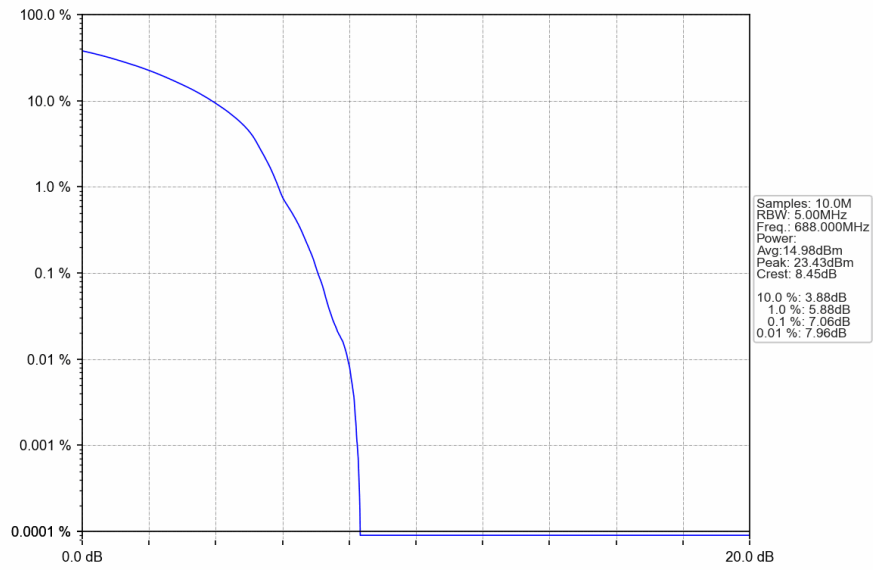
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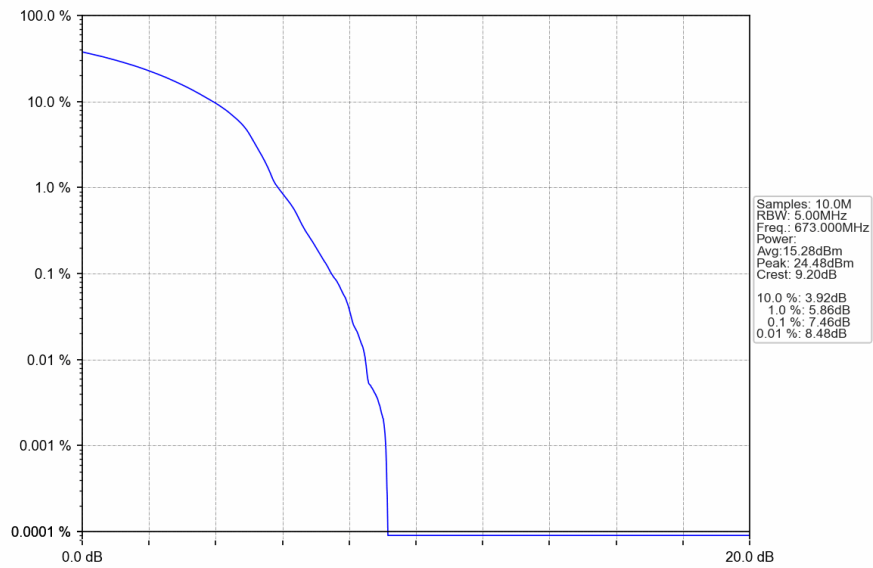
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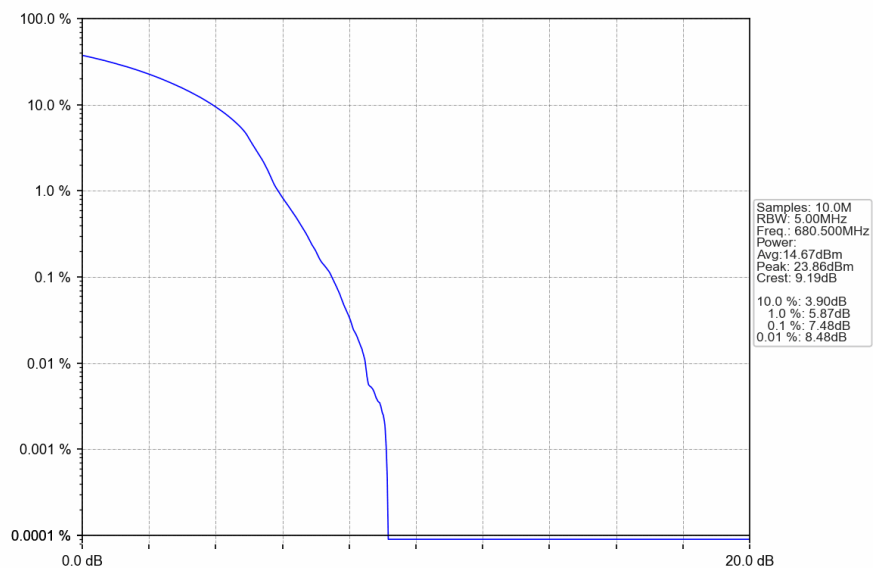
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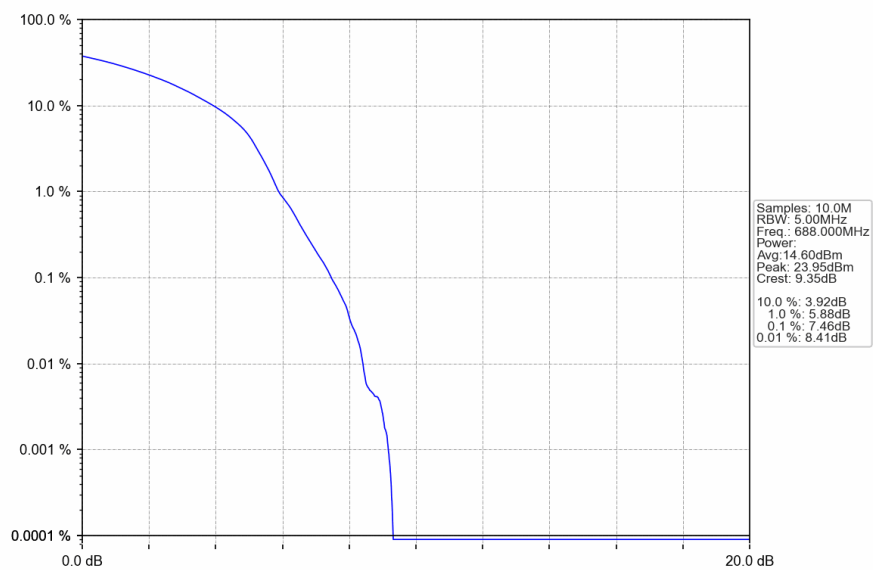
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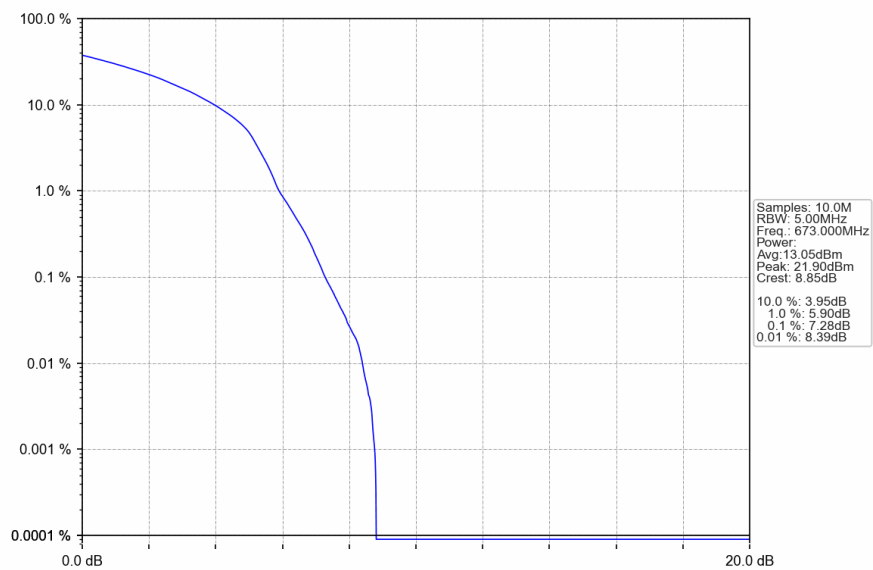
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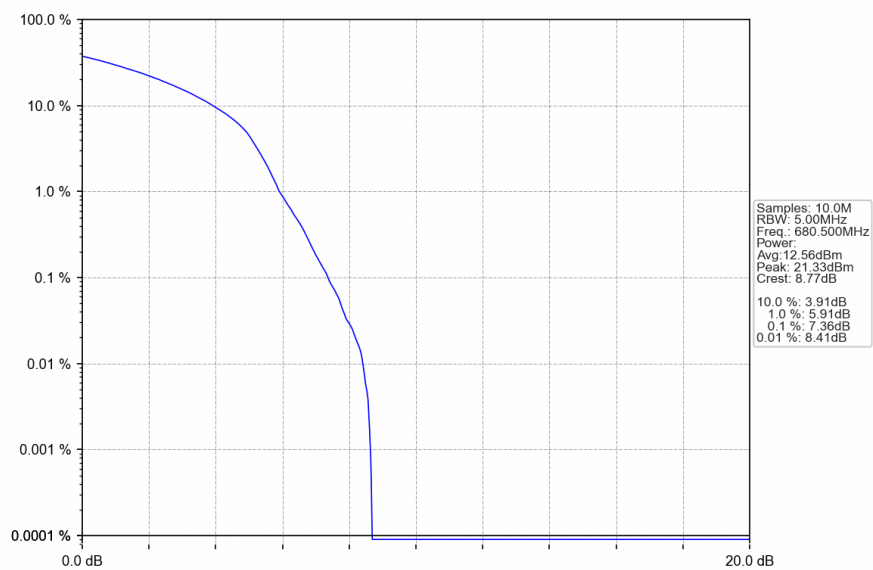
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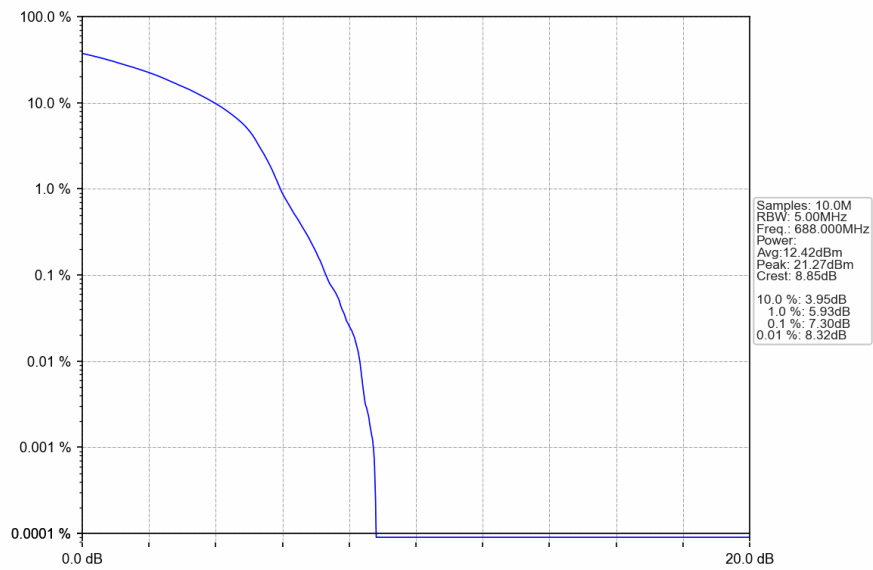
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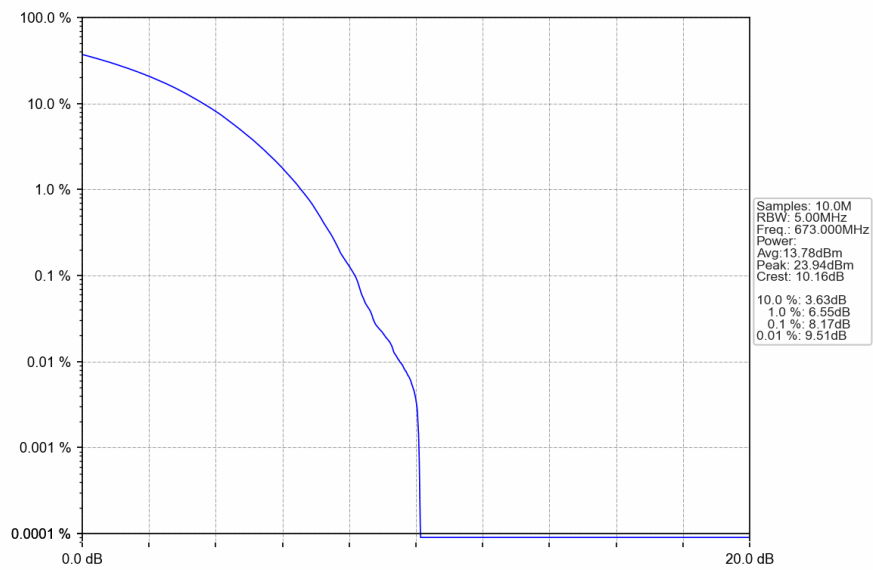
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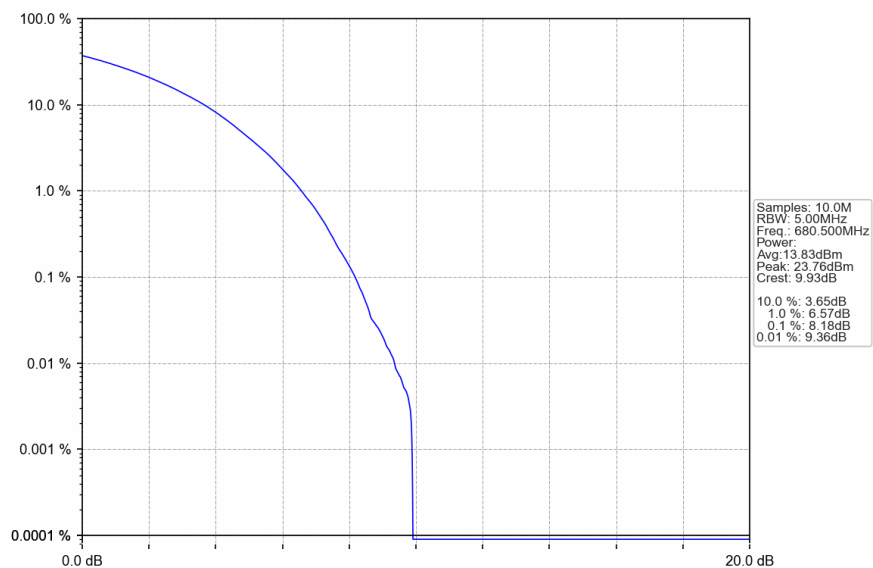
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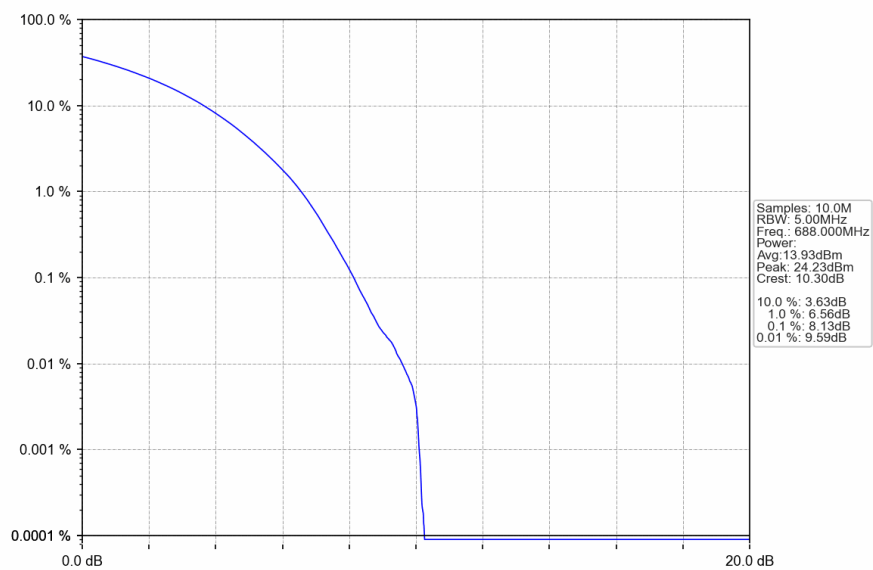
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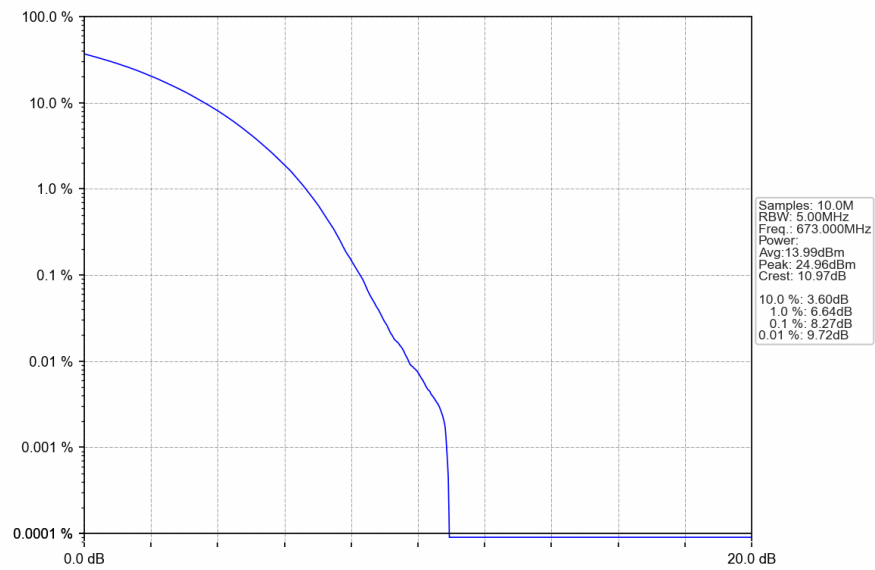
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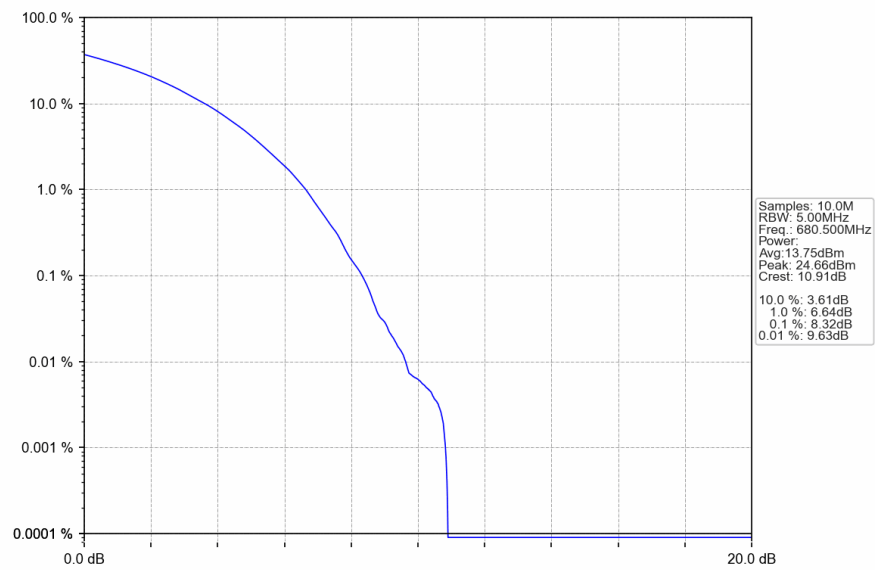
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_688MHz_Outer_Full



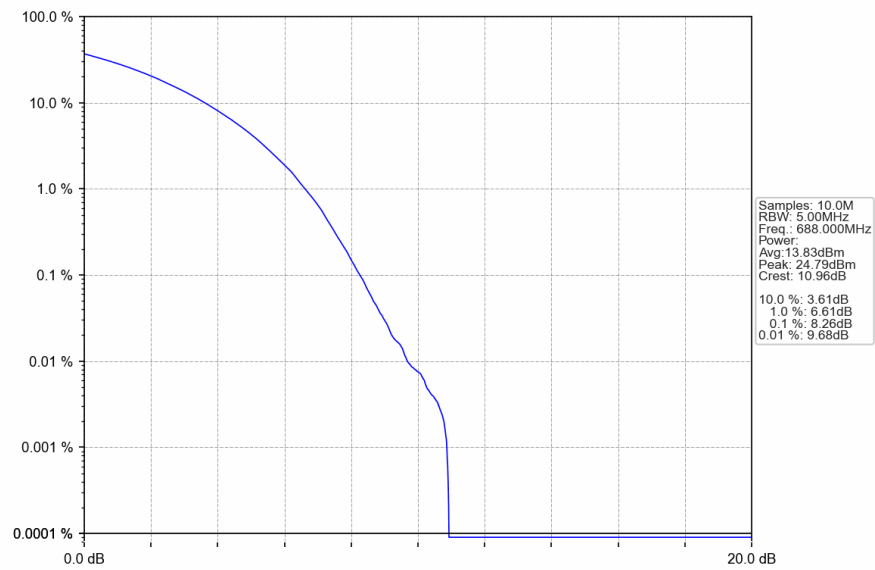
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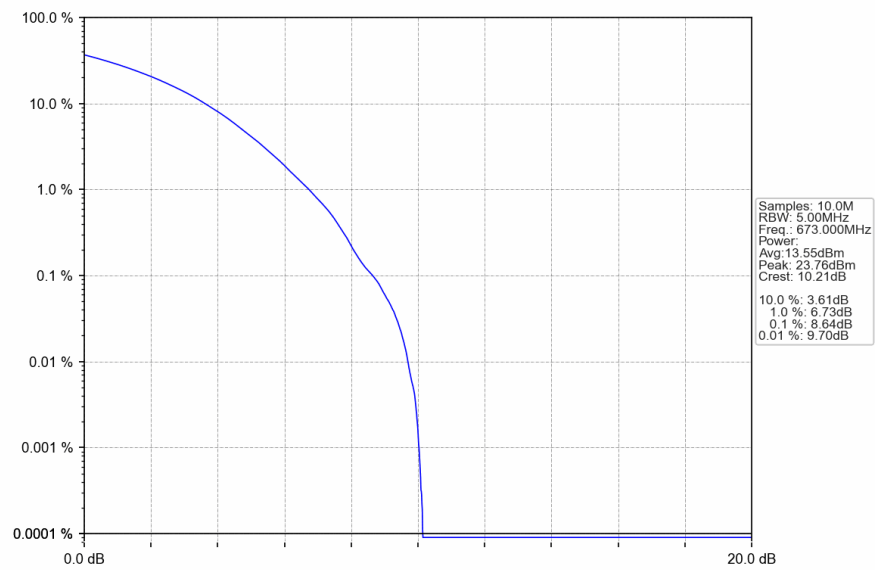
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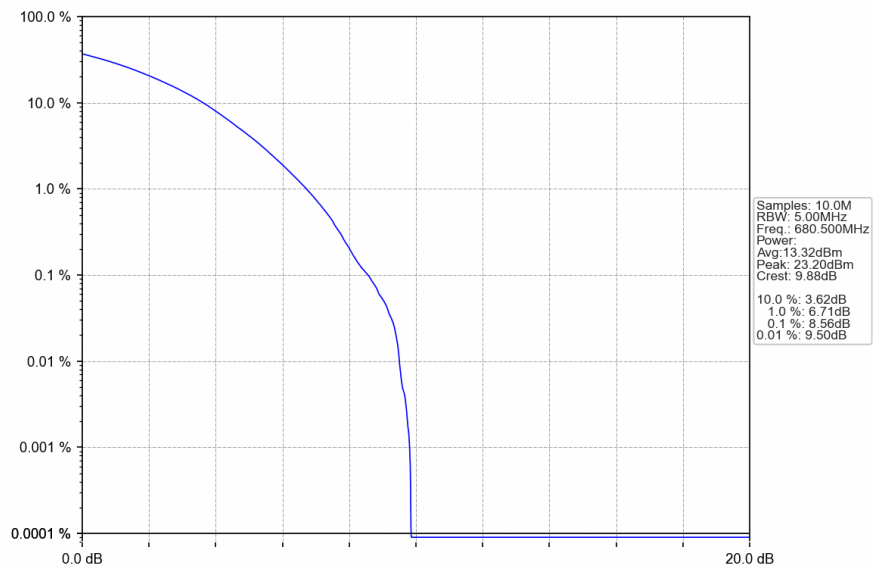
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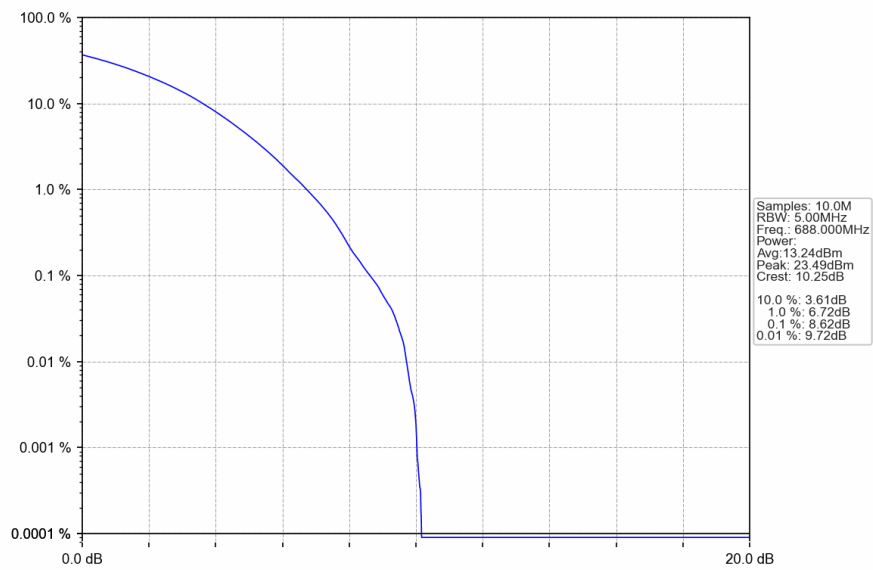
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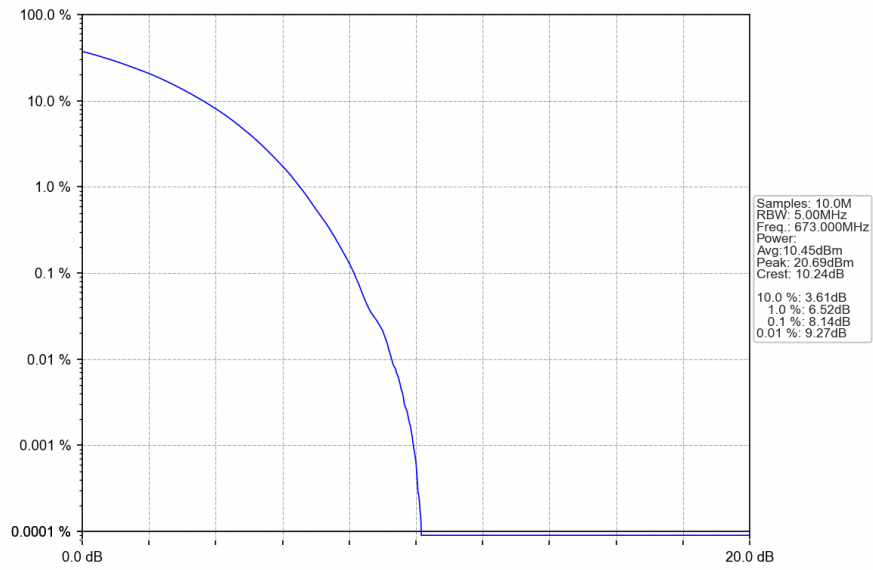
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_688MHz_Outer_Full



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_673MHz_Outer_Full



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_680.5MHz_Outer_Full

