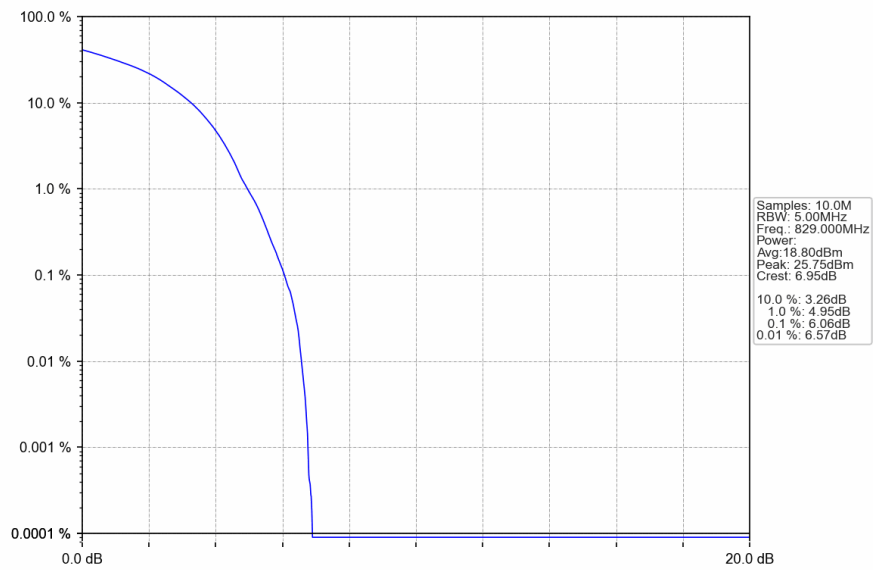
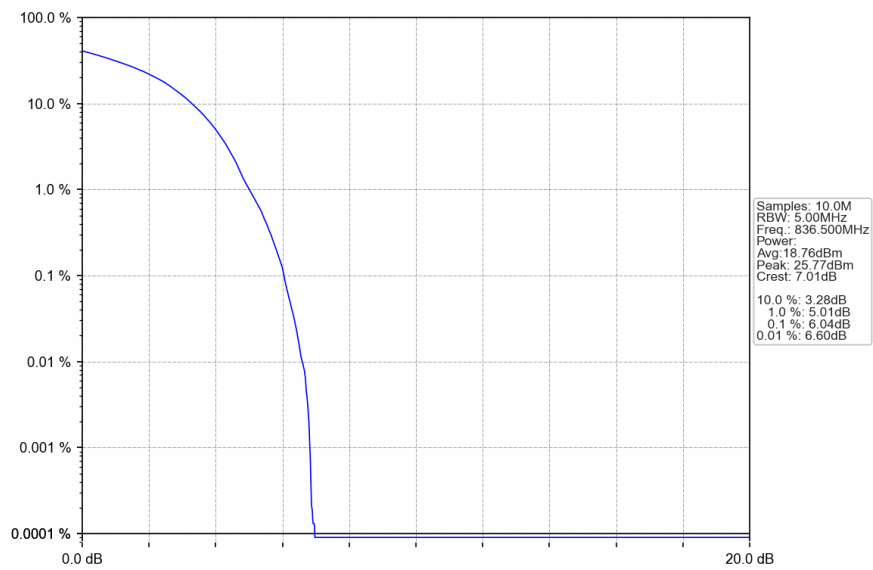


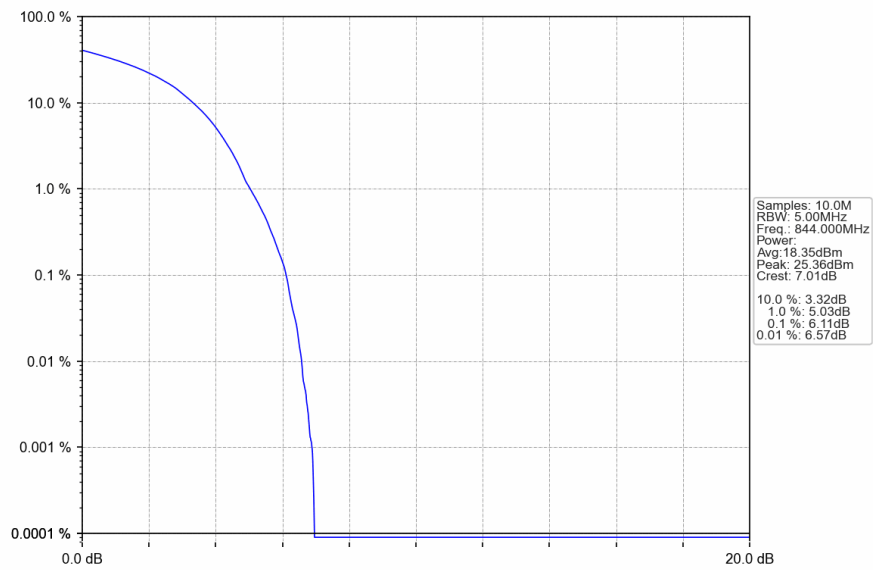
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_829MHz_Outer_Full



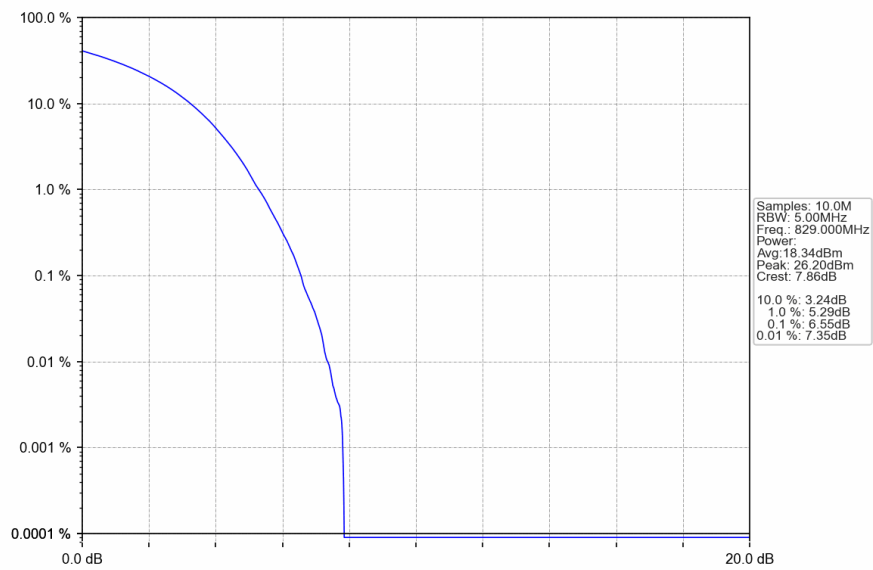
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full



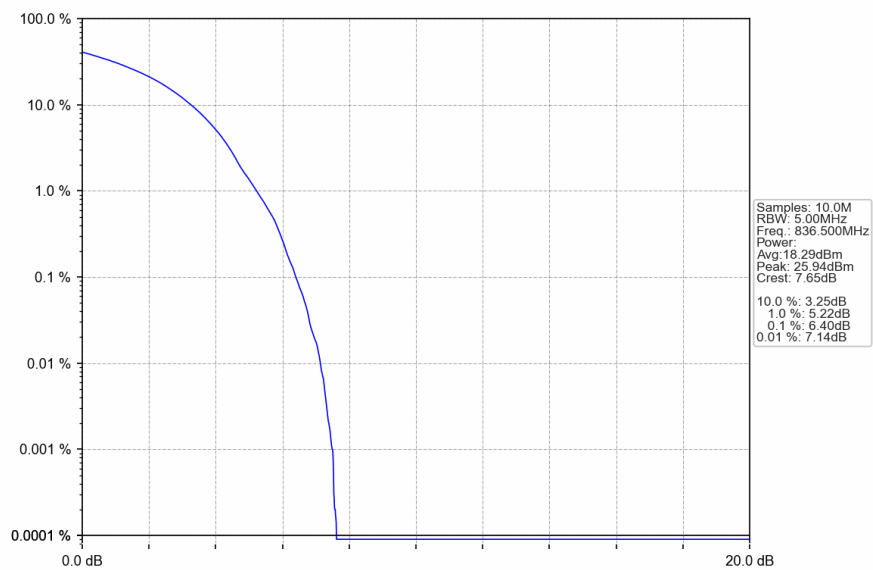
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_844MHz_Outer_Full



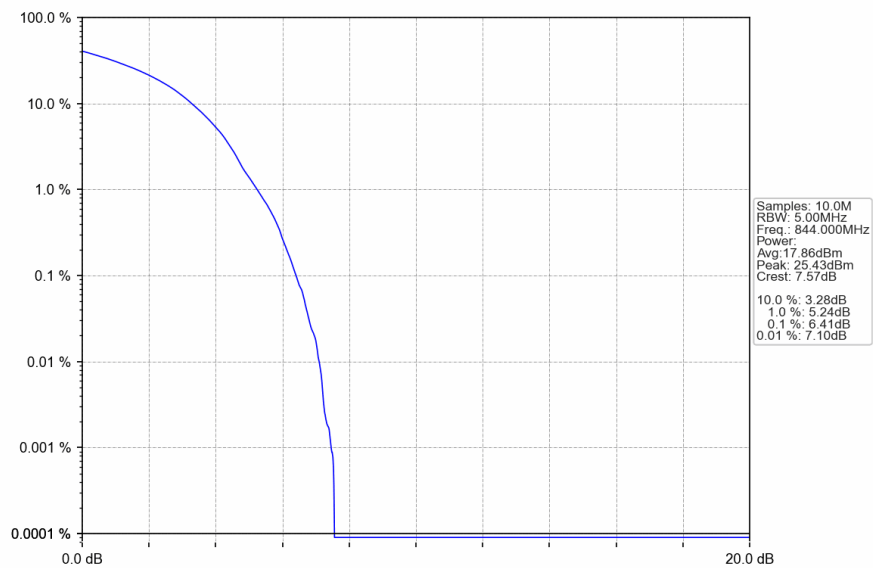
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_829MHz_Outer_Full



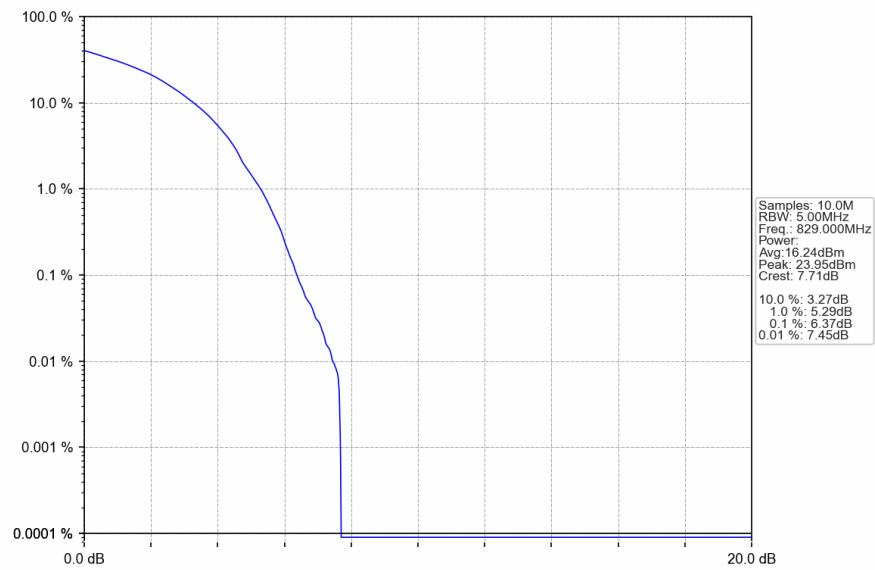
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full



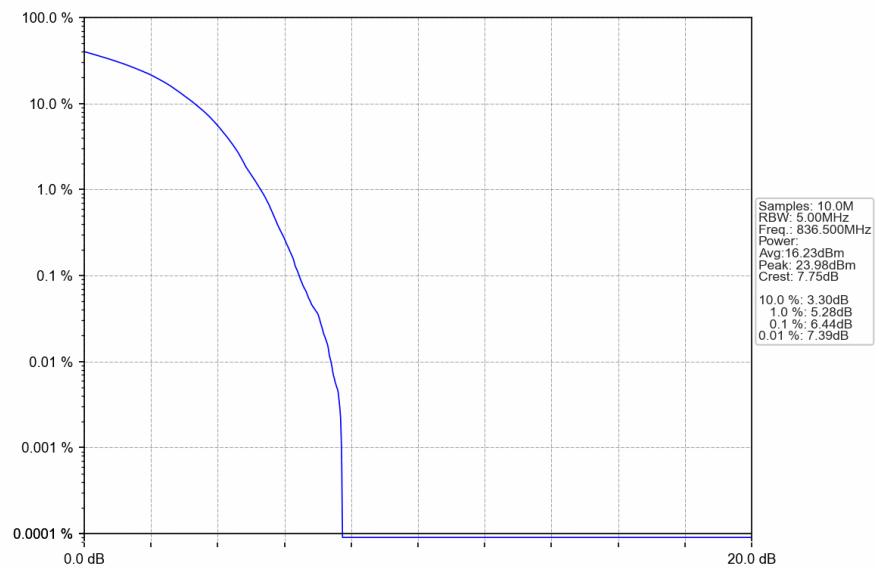
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_844MHz_Outer_Full



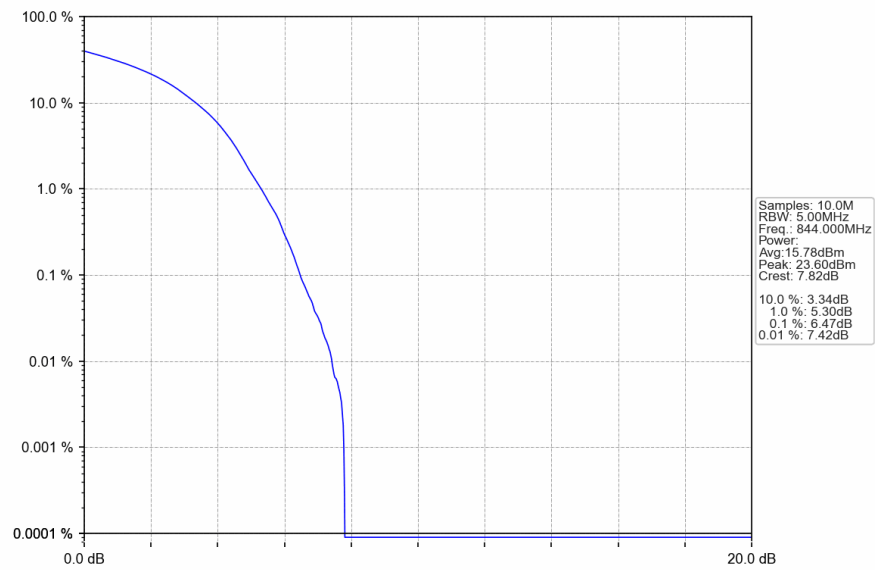
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_829MHz_Outer_Full



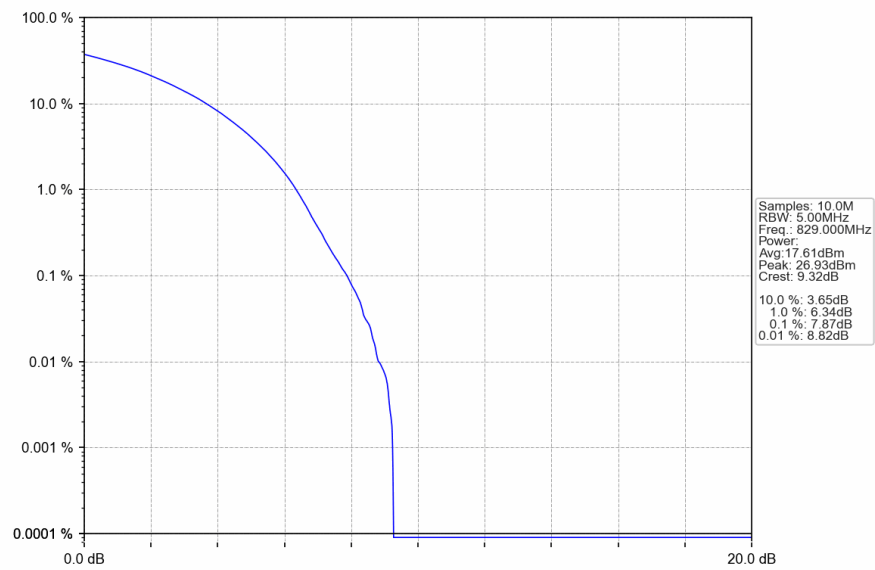
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full



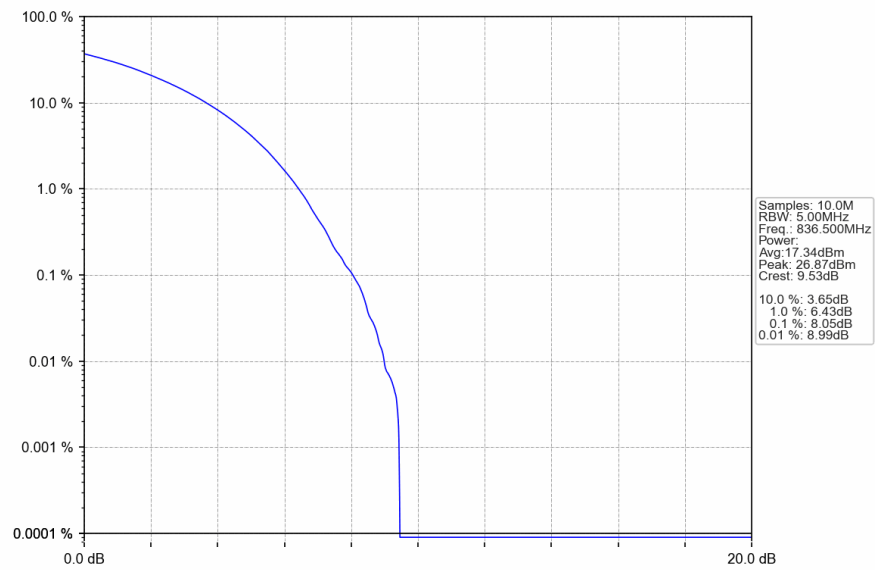
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_844MHz_Outer_Full



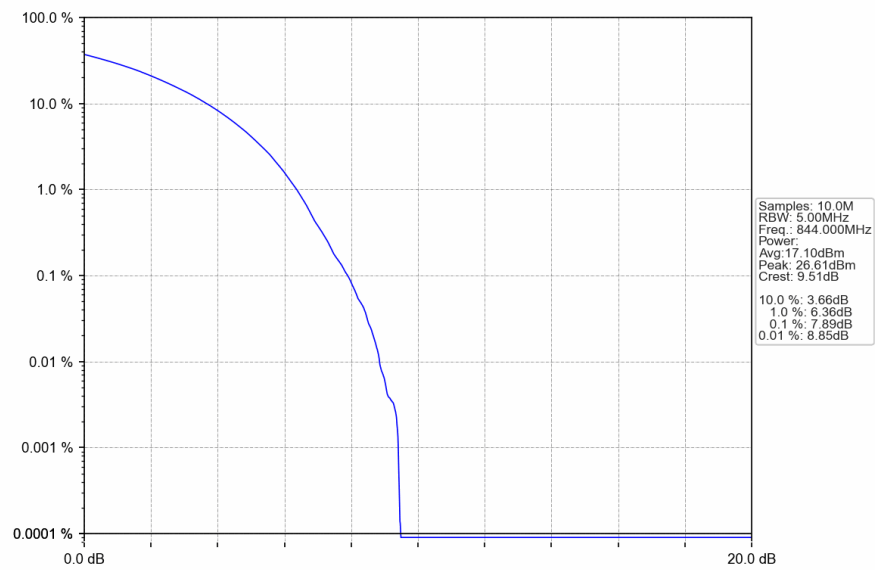
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_829MHz_Outer_Full



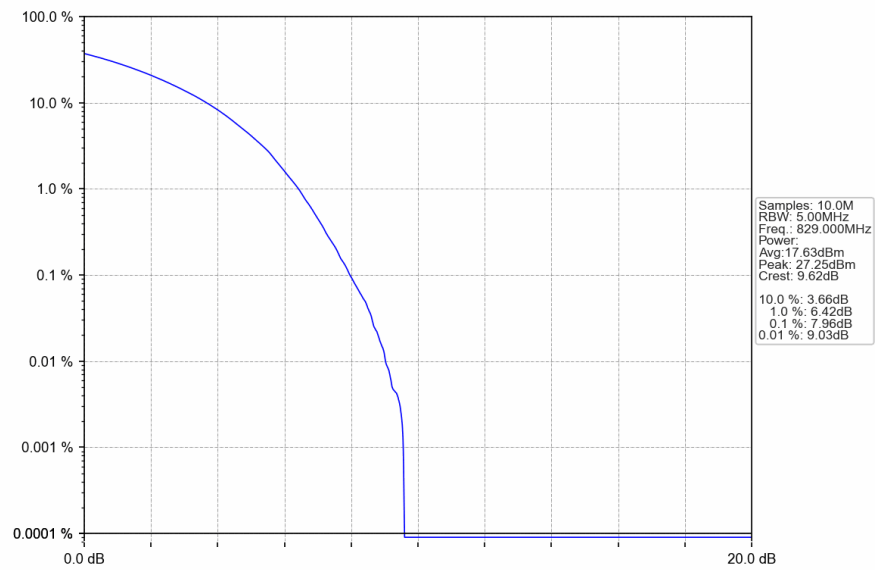
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_836.5MHz_Outer_Full



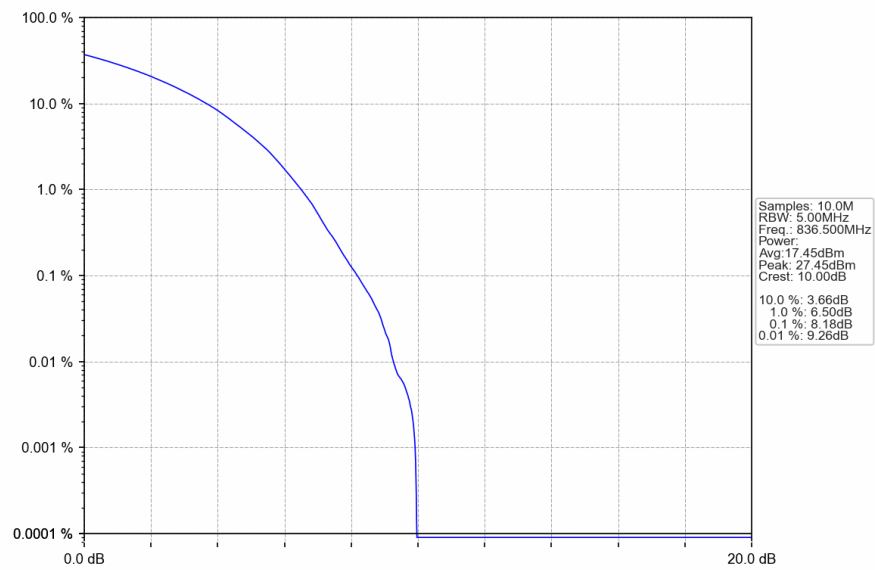
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_844MHz_Outer_Full



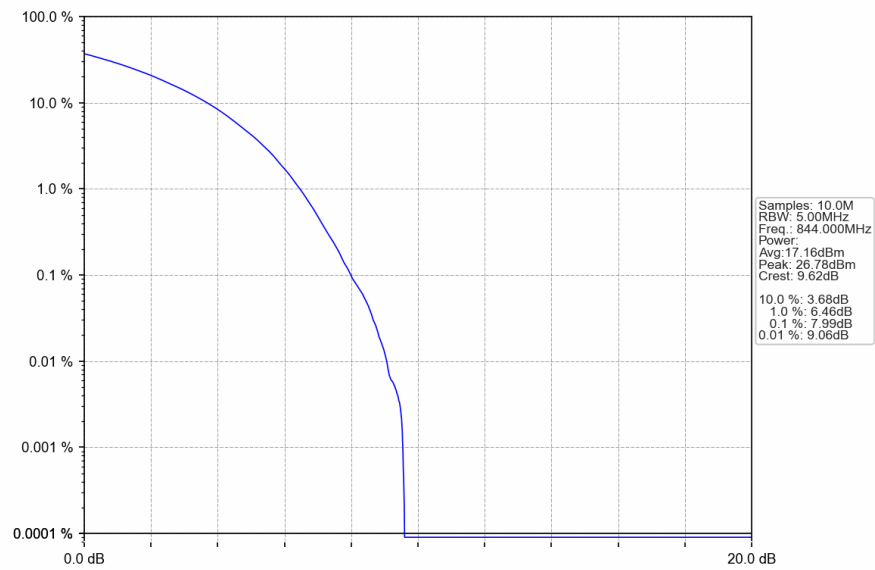
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 829MHz_Outer_Full



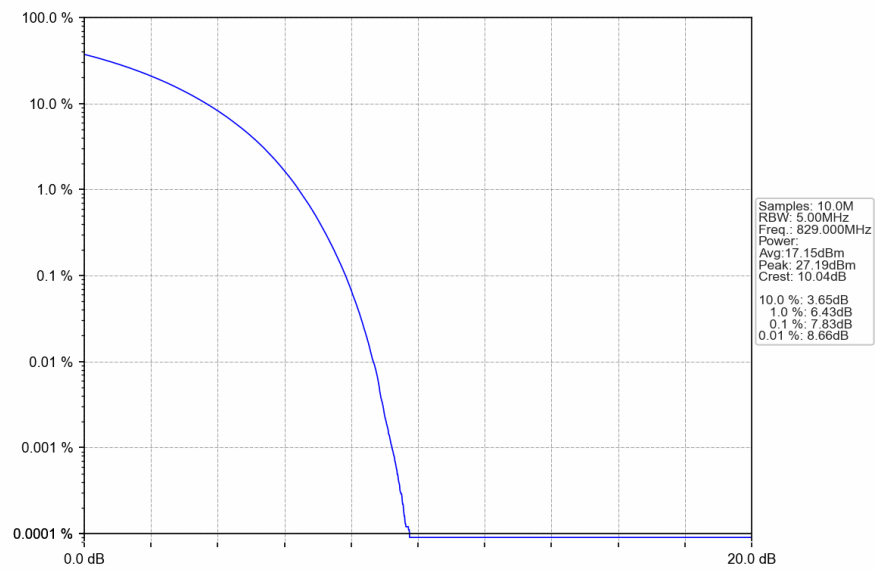
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full



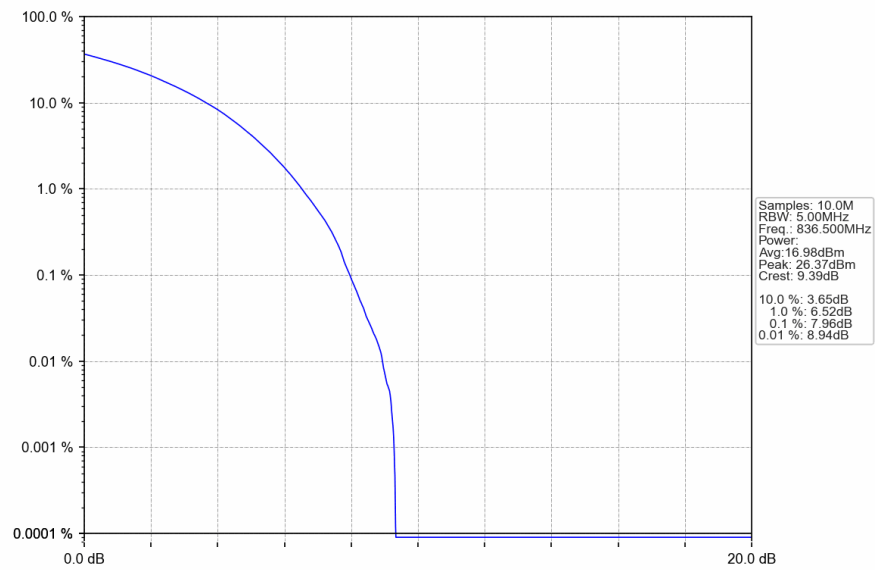
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 844MHz_Outer_Full



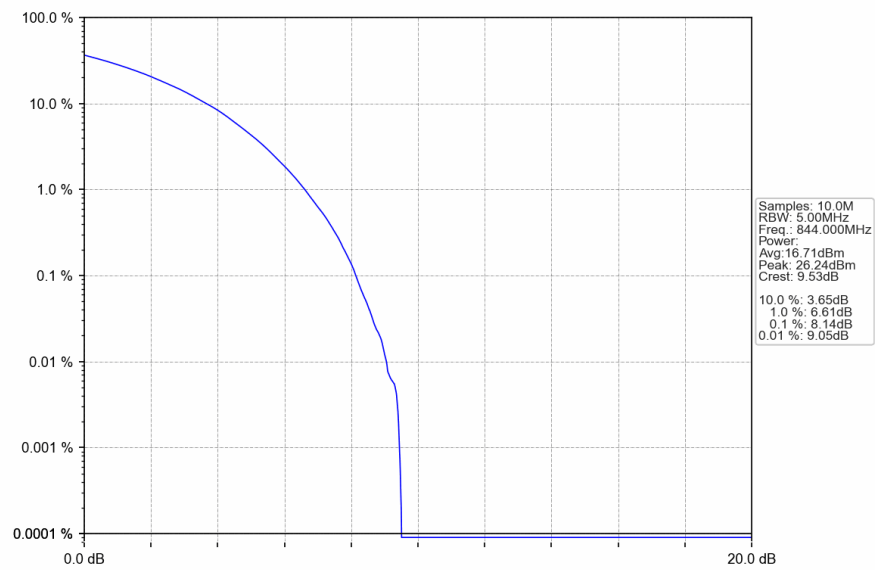
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 829MHz_Outer_Full



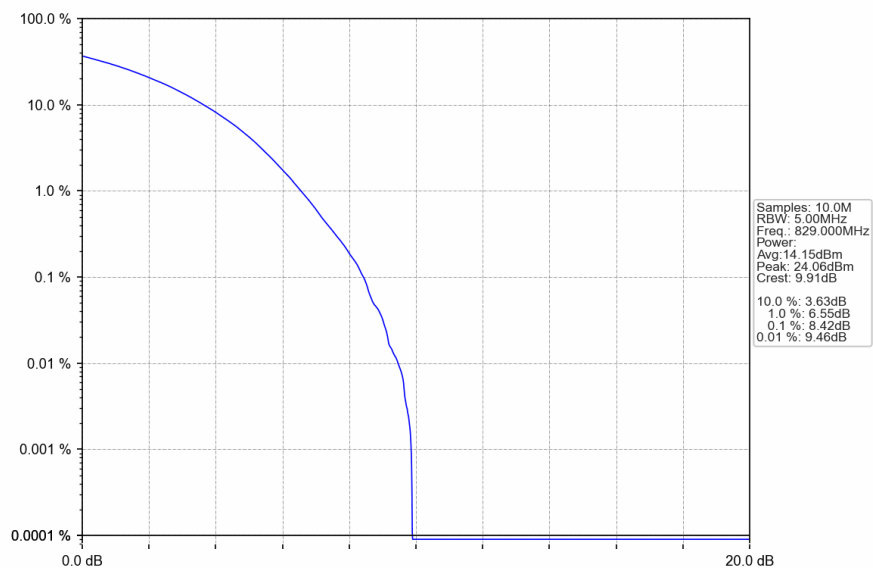
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_836.5MHz_Outer_Full



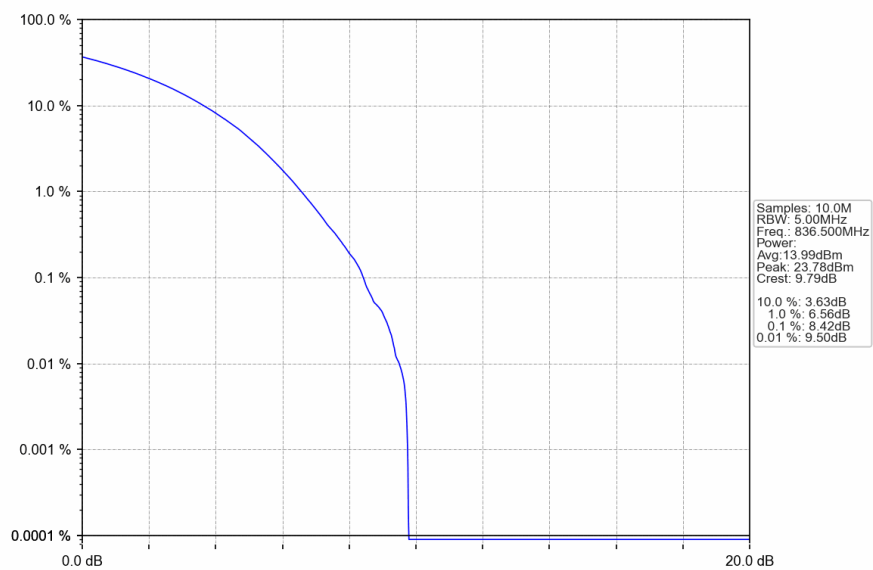
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_844MHz_Outer_Full

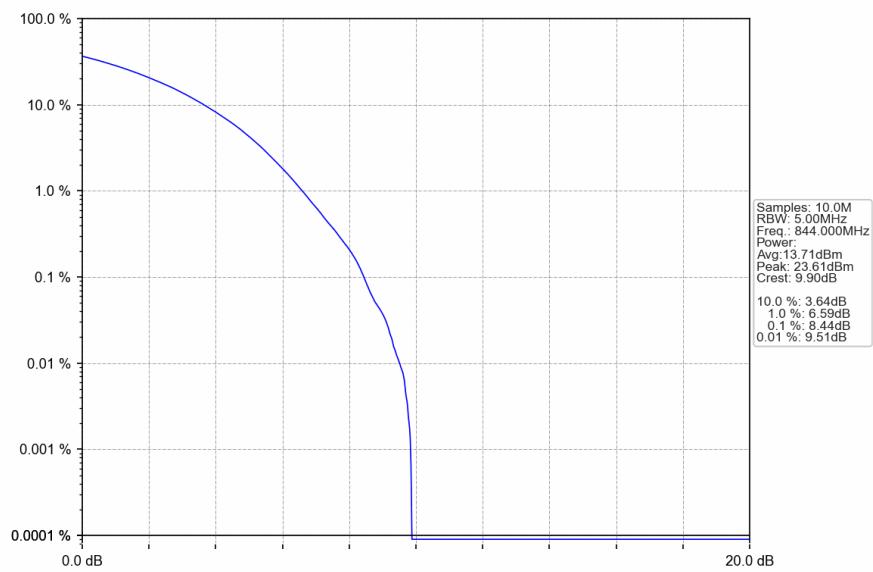


n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_829MHz_Outer_Full



n5_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full



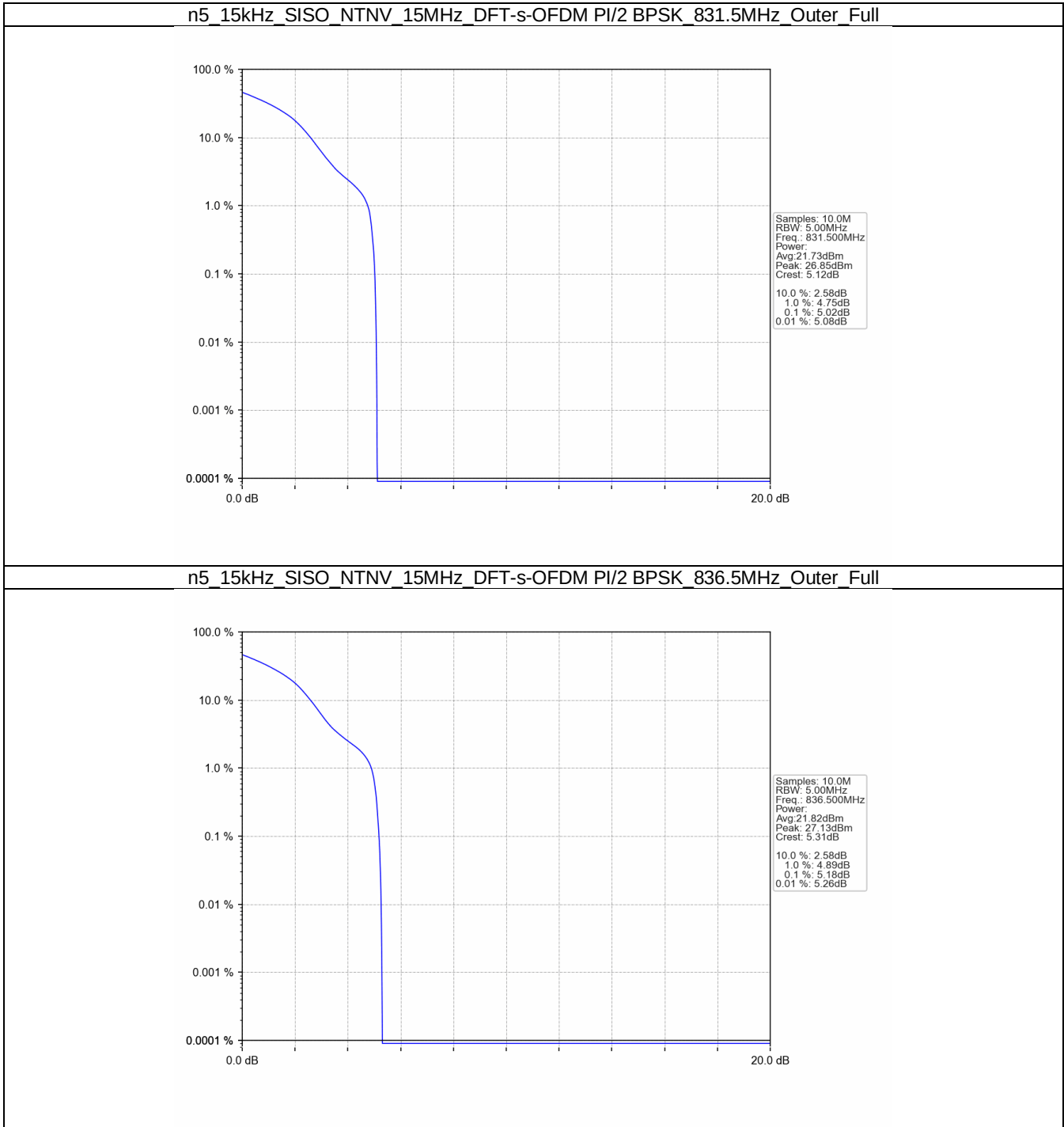


2.3 15k_SISO_15MHz_NTNV

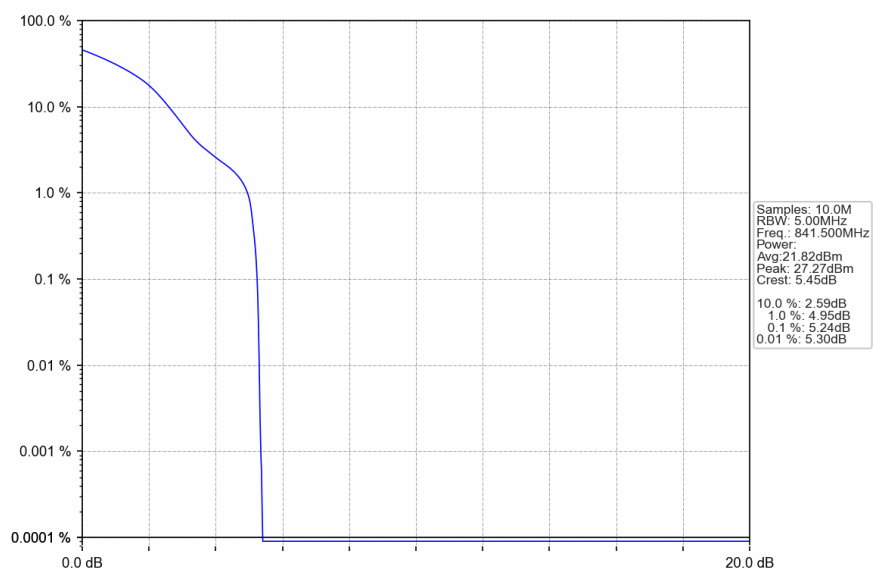
2.3.1 Test Result

5G NR n5 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	831.5	Outer_Full	5.02	/	/	<=13	Pass
	836.5	Outer_Full	5.18	/	/	<=13	Pass
	841.5	Outer_Full	5.24	/	/	<=13	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	5.72	/	/	<=13	Pass
	836.5	Outer_Full	5.71	/	/	<=13	Pass
	841.5	Outer_Full	5.75	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	6.77	/	/	<=13	Pass
	836.5	Outer_Full	6.80	/	/	<=13	Pass
	841.5	Outer_Full	6.82	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	6.98	/	/	<=13	Pass
	836.5	Outer_Full	6.83	/	/	<=13	Pass
	841.5	Outer_Full	6.87	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	6.92	/	/	<=13	Pass
	836.5	Outer_Full	6.93	/	/	<=13	Pass
	841.5	Outer_Full	6.97	/	/	<=13	Pass
CP-OFDM QPSK	831.5	Outer_Full	7.93	/	/	<=13	Pass
	836.5	Outer_Full	8.16	/	/	<=13	Pass
	841.5	Outer_Full	8.00	/	/	<=13	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	8.26	/	/	<=13	Pass
	836.5	Outer_Full	8.33	/	/	<=13	Pass
	841.5	Outer_Full	8.31	/	/	<=13	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	8.16	/	/	<=13	Pass
	836.5	Outer_Full	8.20	/	/	<=13	Pass
	841.5	Outer_Full	8.20	/	/	<=13	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	8.22	/	/	<=13	Pass
	836.5	Outer_Full	8.24	/	/	<=13	Pass
	841.5	Outer_Full	8.28	/	/	<=13	Pass

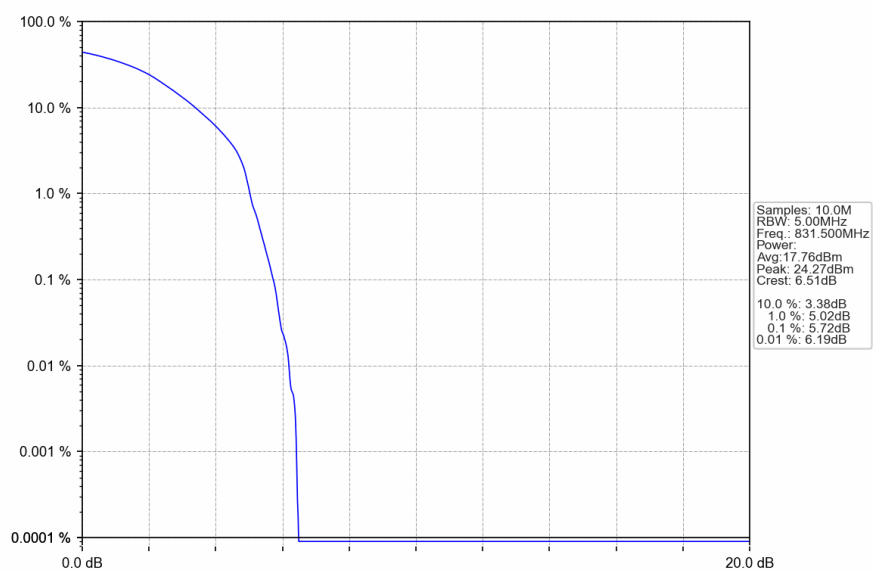
2.3.2 Test Graph



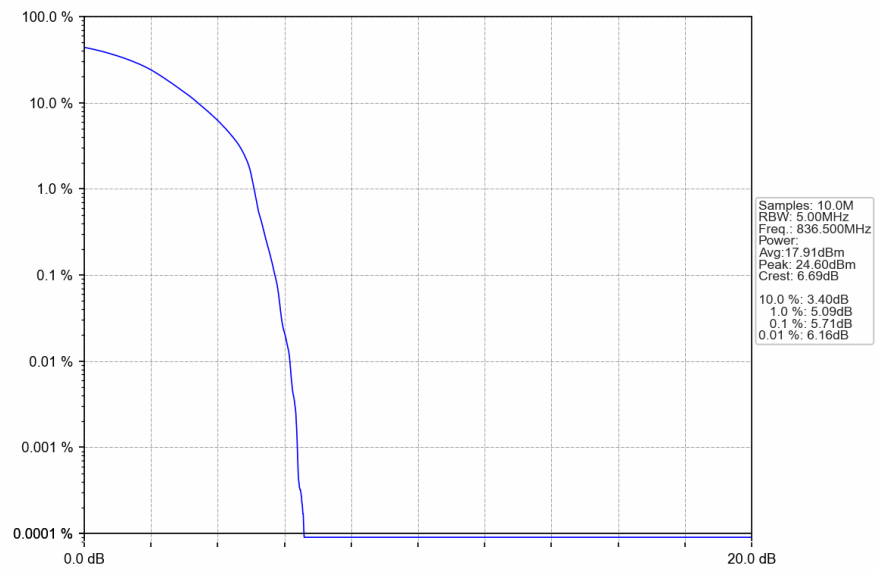
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full



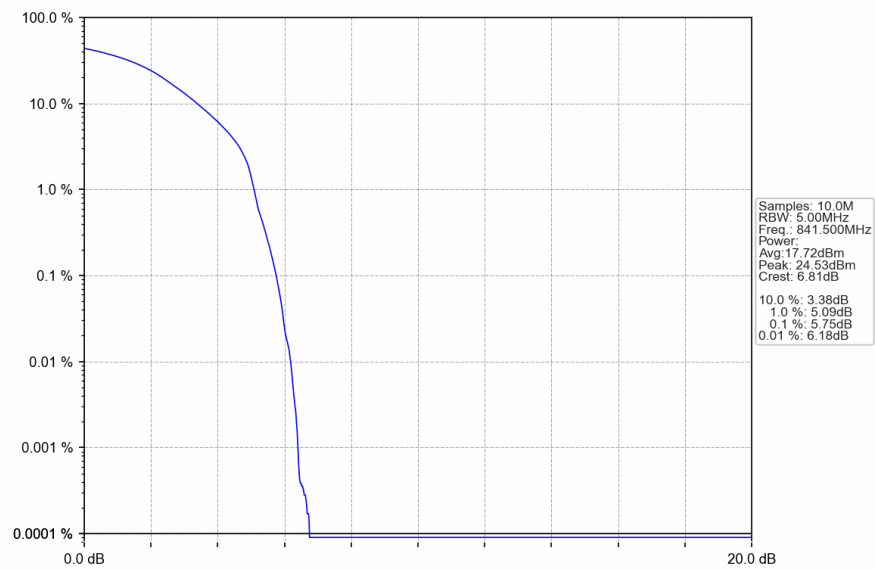
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full



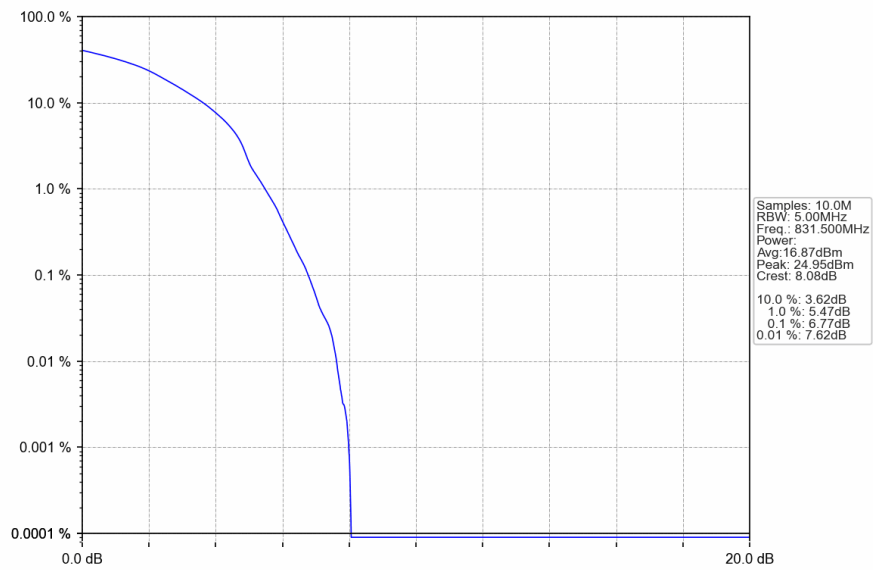
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Outer_Full



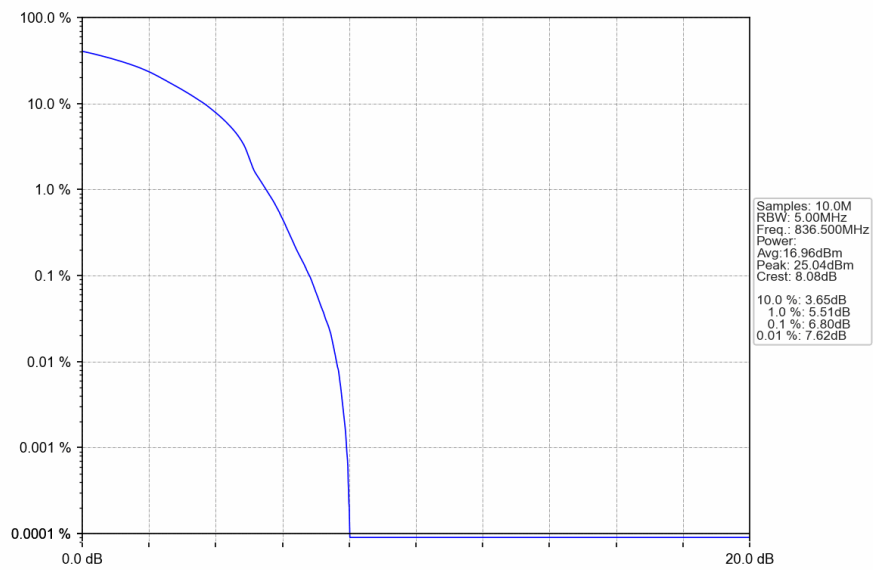
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full



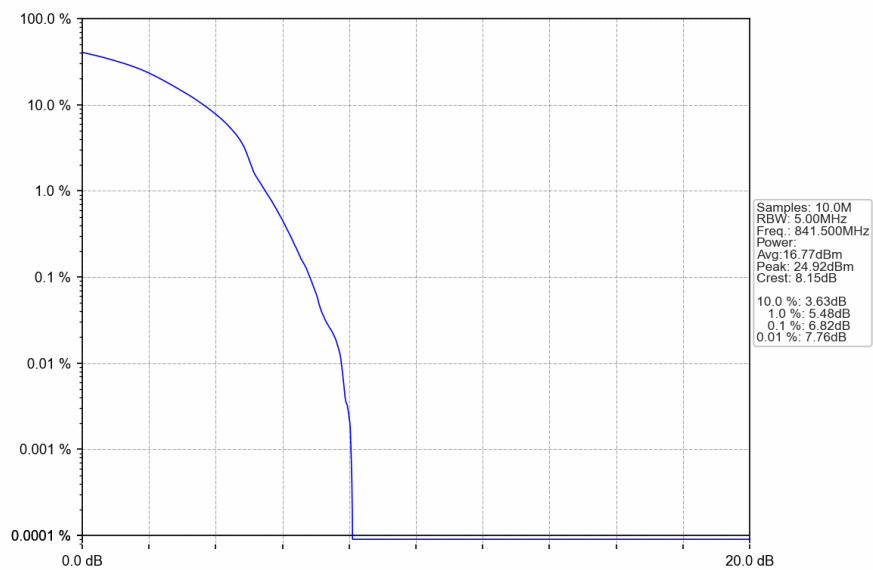
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_831.5MHz_Outer_Full



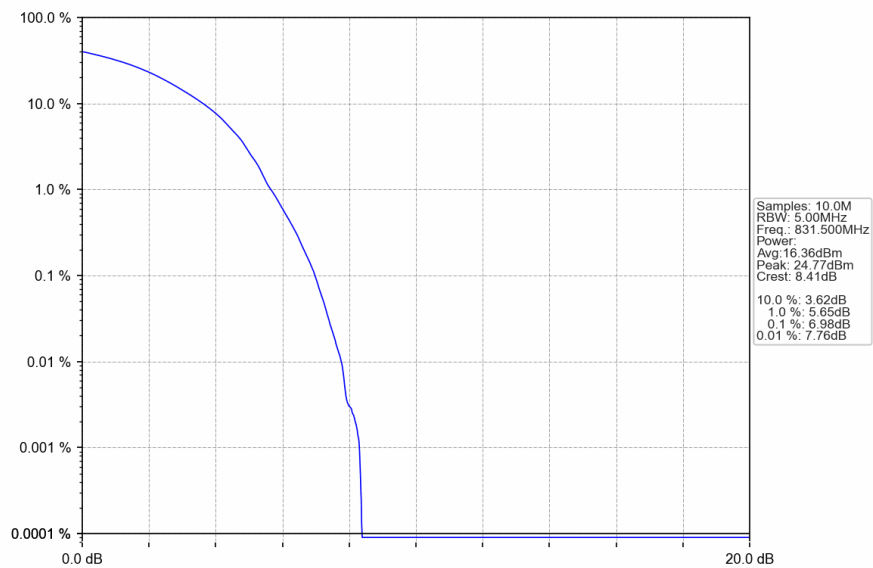
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full



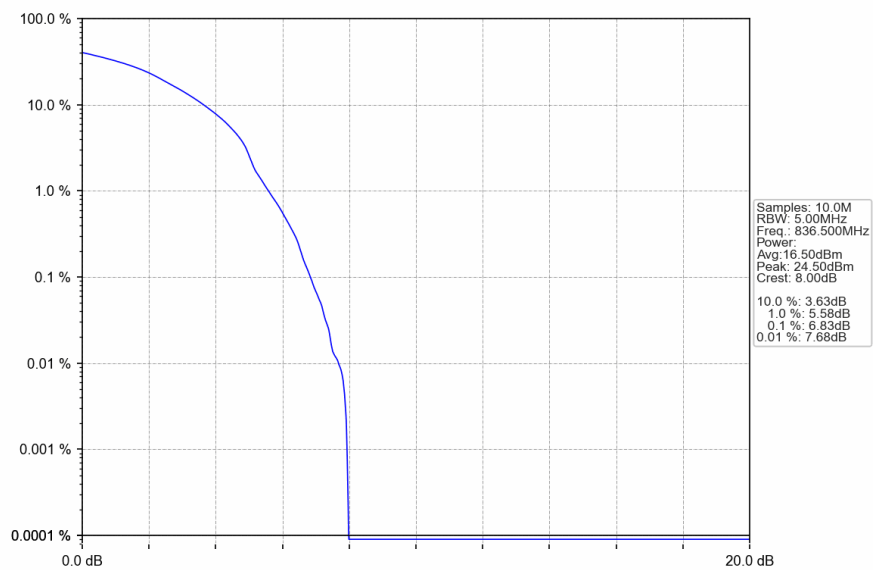
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_841.5MHz_Outer_Full



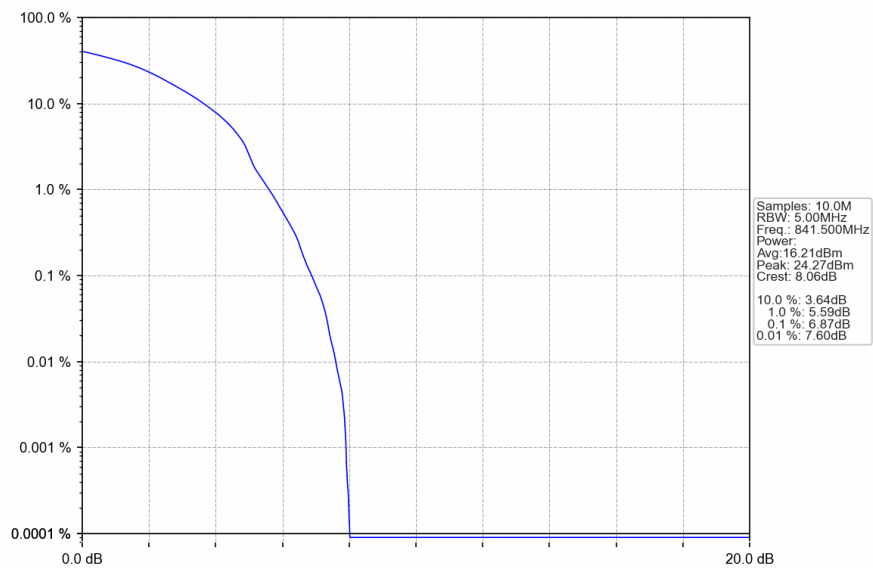
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_831.5MHz_Outer_Full



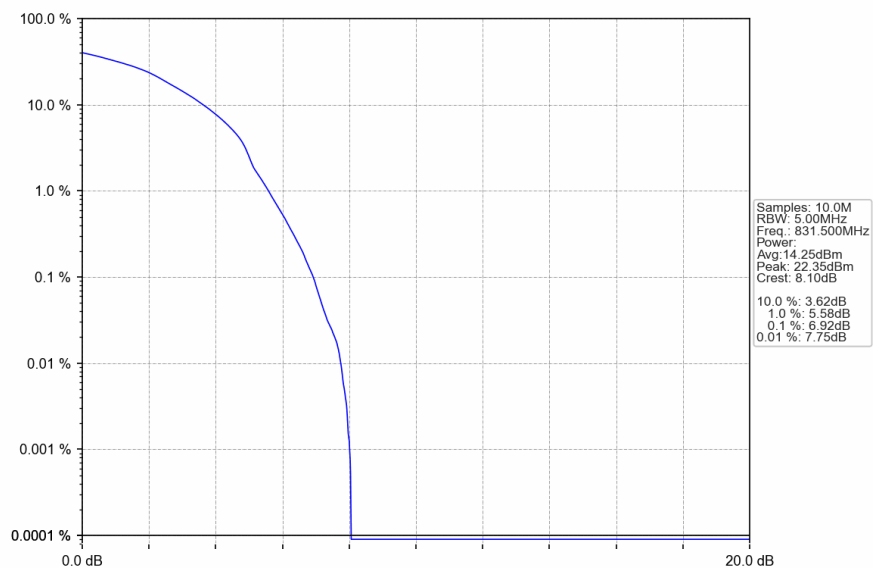
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full



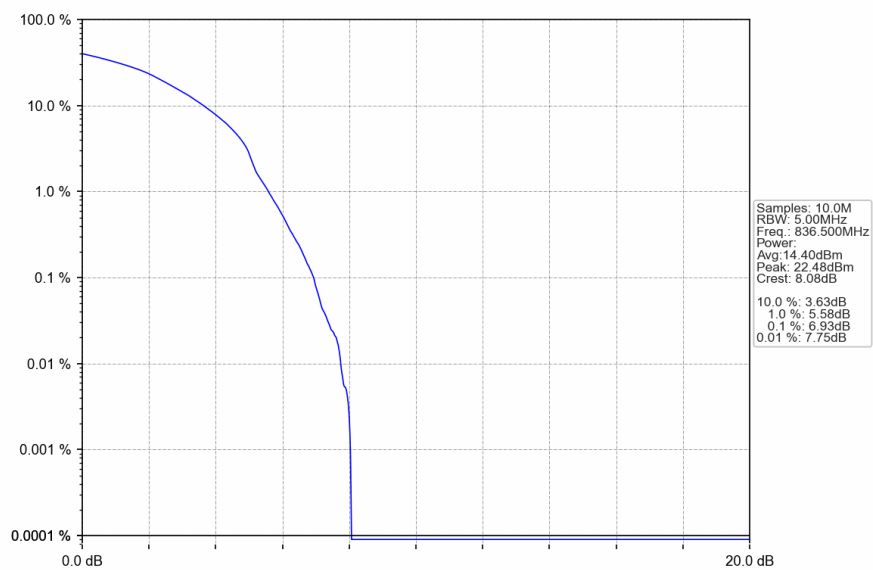
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_841.5MHz_Outer_Full



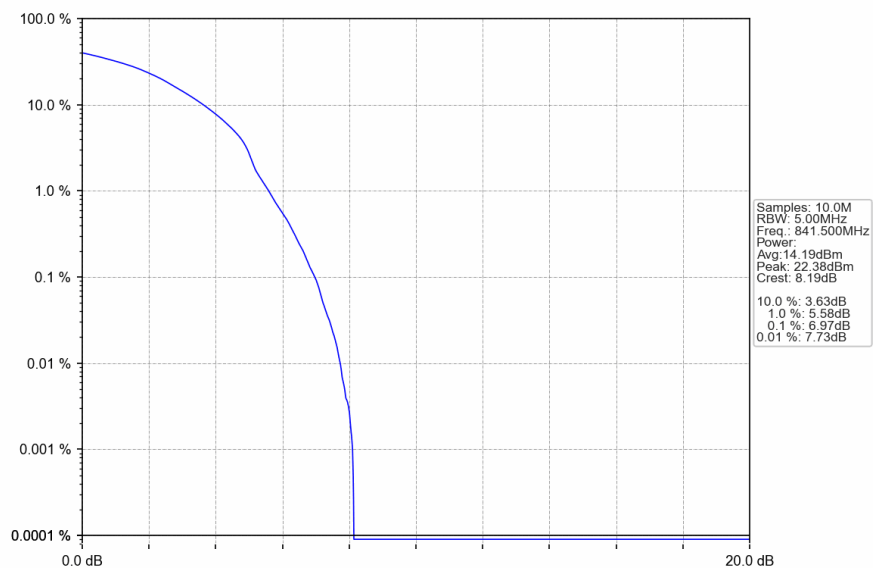
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_831.5MHz_Outer_Full



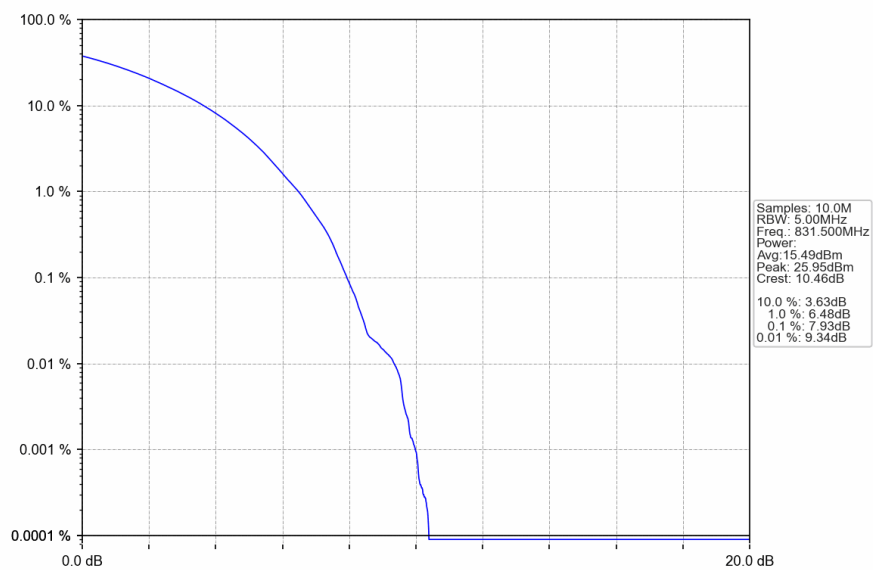
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full



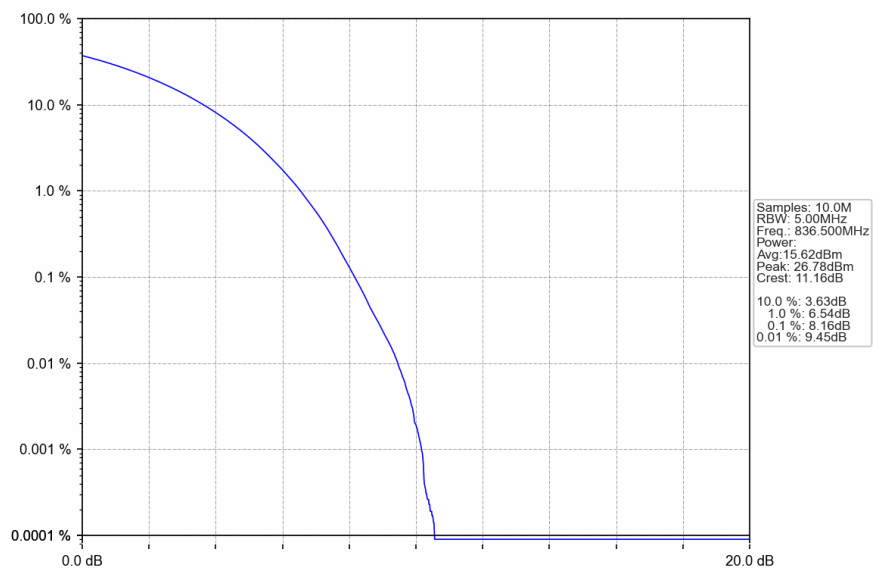
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_841.5MHz_Outer_Full



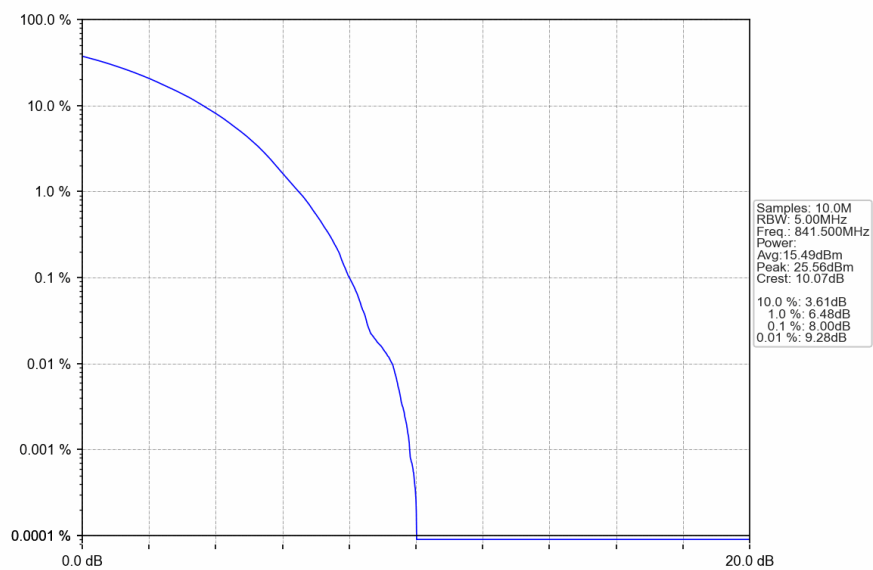
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full



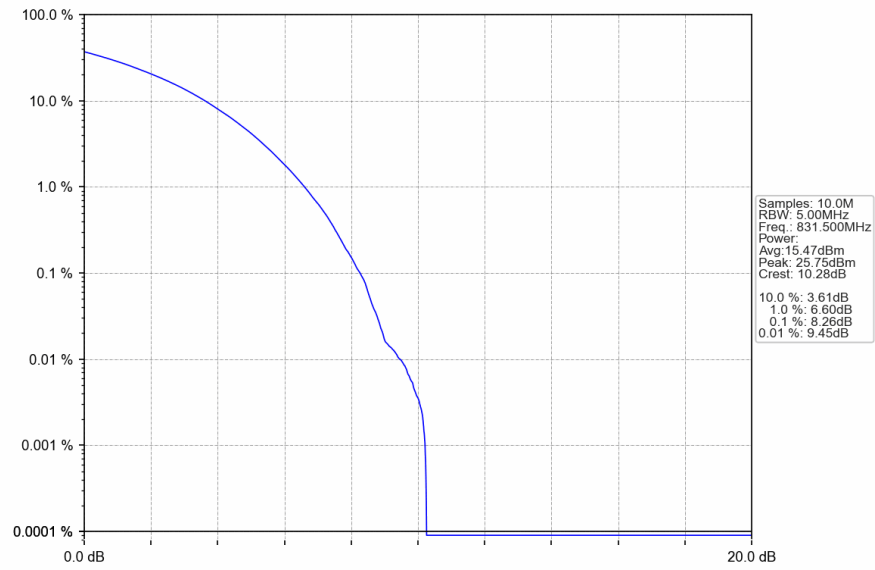
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full



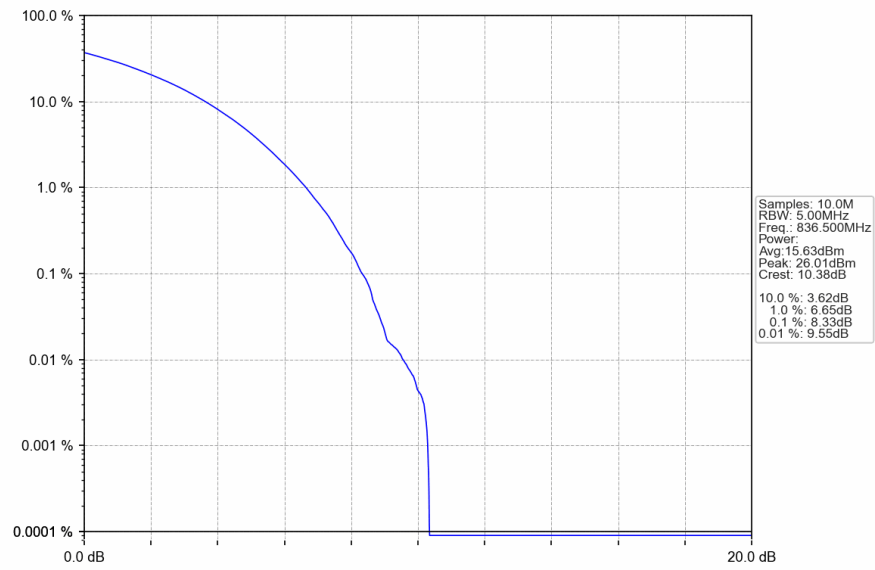
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full



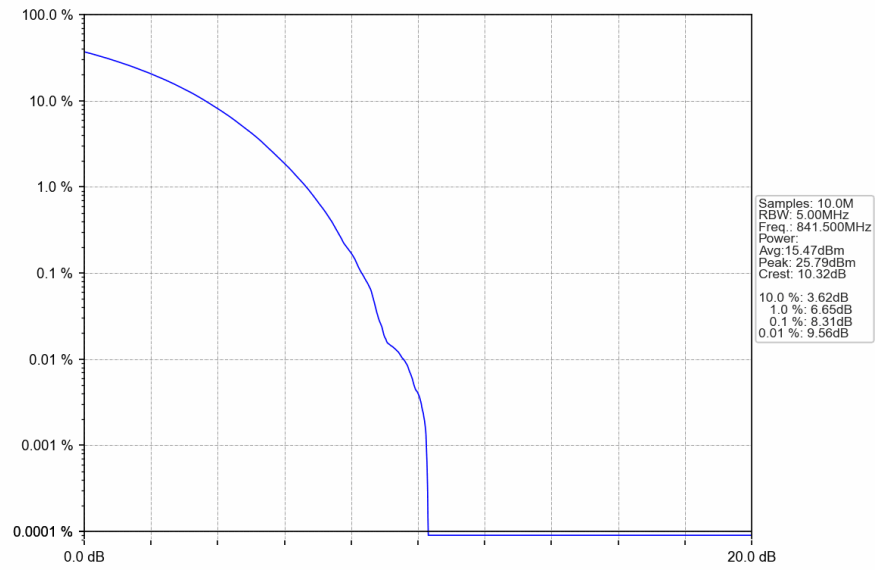
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_831.5MHz_Outer_Full



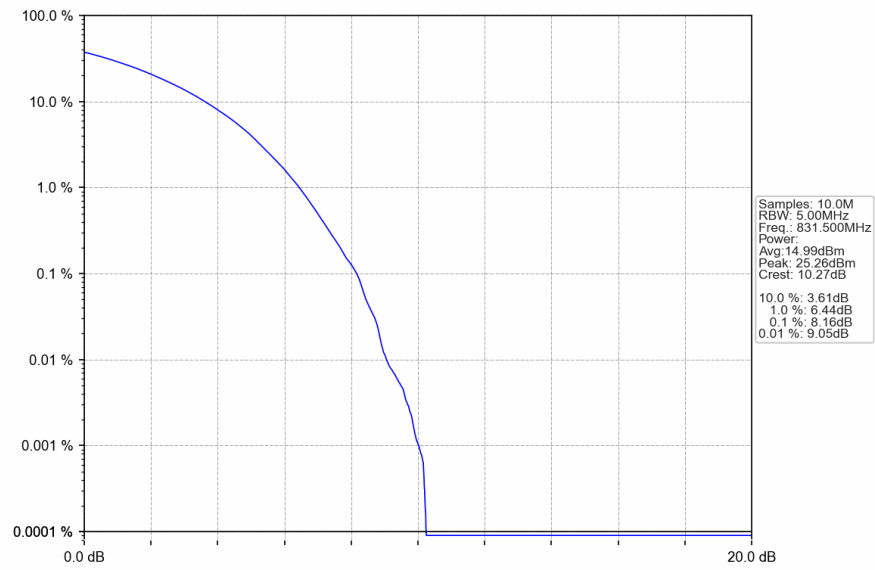
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_836.5MHz_Outer_Full



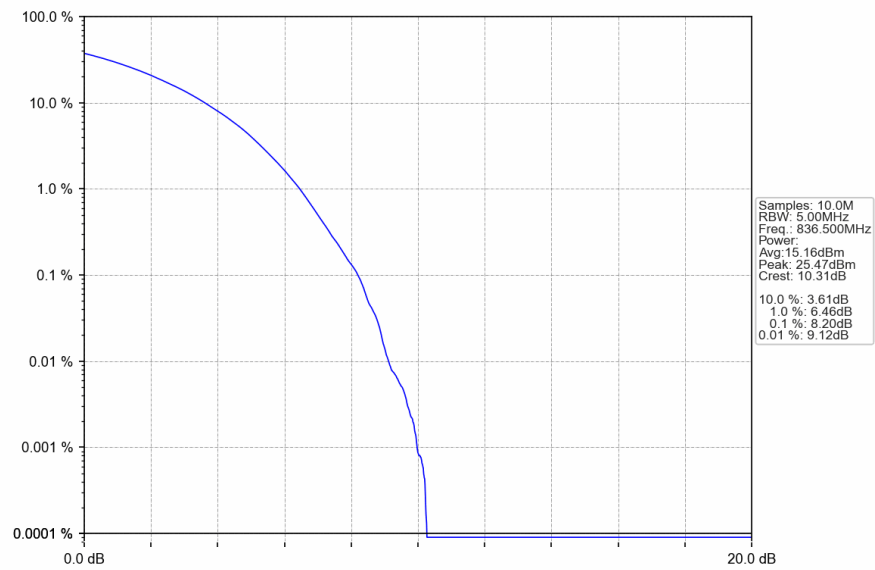
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 841.5MHz_Outer_Full



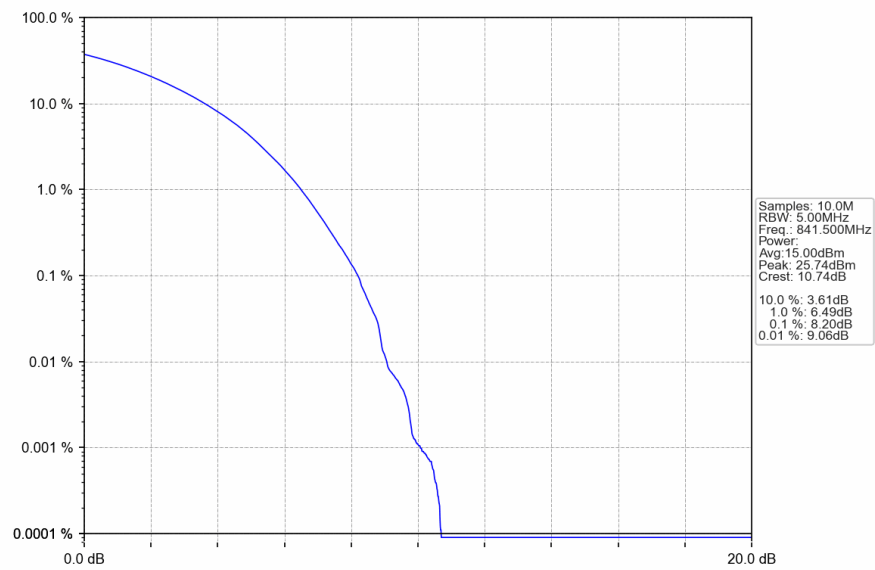
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 831.5MHz_Outer_Full



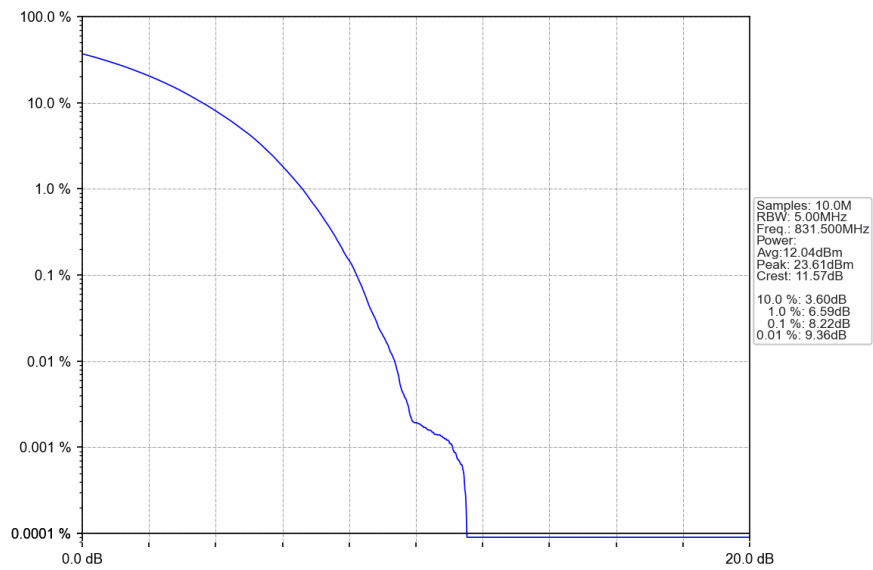
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full



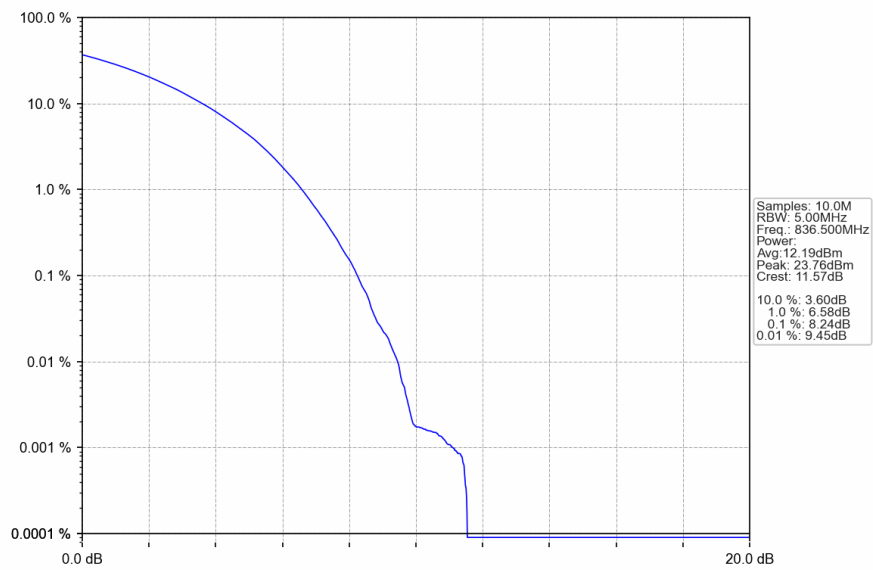
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 841.5MHz_Outer_Full

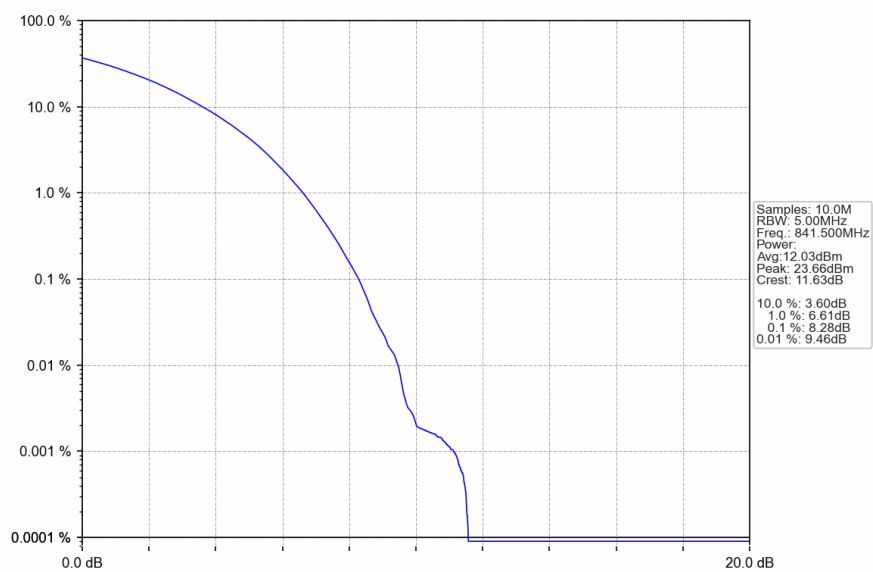


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_831.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full



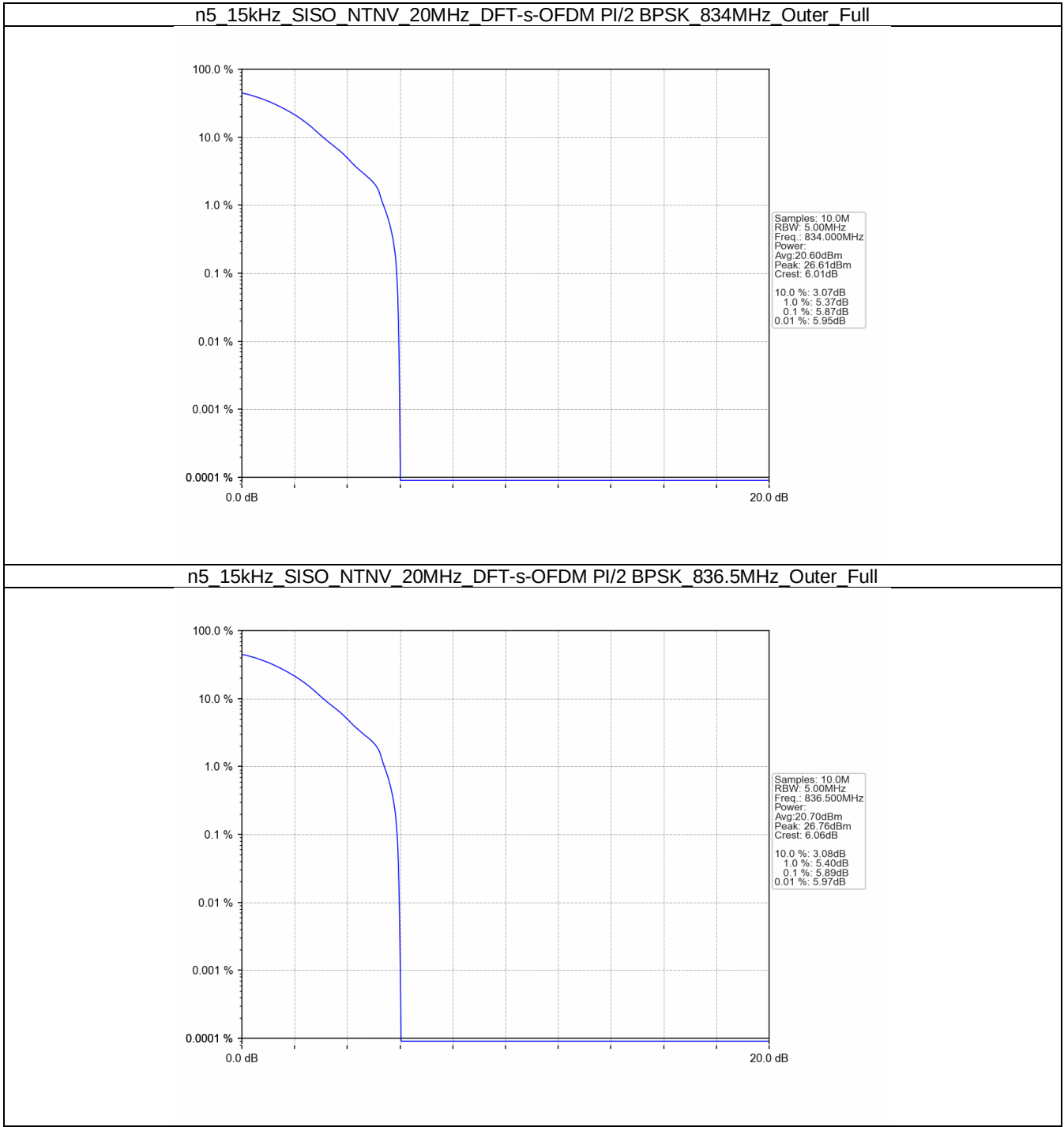


2.4 15k_SISO_20MHz_NTNV

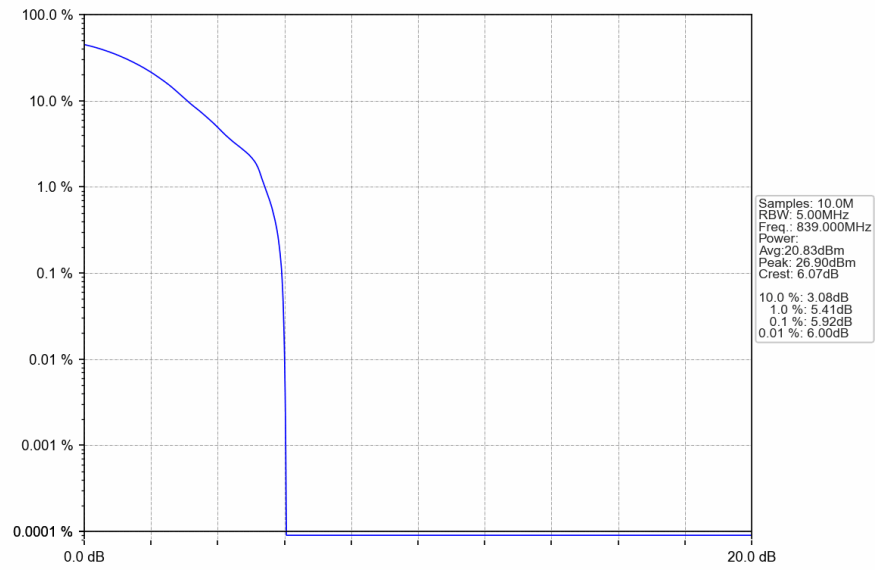
2.4.1 Test Result

5G NR n5 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	834	Outer_Full	5.87	/	/	<=13	Pass
	836.5	Outer_Full	5.89	/	/	<=13	Pass
	839	Outer_Full	5.92	/	/	<=13	Pass
DFT-s-OFDM QPSK	834	Outer_Full	6.40	/	/	<=13	Pass
	836.5	Outer_Full	6.42	/	/	<=13	Pass
	839	Outer_Full	6.40	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	7.05	/	/	<=13	Pass
	836.5	Outer_Full	7.24	/	/	<=13	Pass
	839	Outer_Full	7.06	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	7.45	/	/	<=13	Pass
	836.5	Outer_Full	7.46	/	/	<=13	Pass
	839	Outer_Full	7.48	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	7.33	/	/	<=13	Pass
	836.5	Outer_Full	7.32	/	/	<=13	Pass
	839	Outer_Full	7.32	/	/	<=13	Pass
CP-OFDM QPSK	834	Outer_Full	8.08	/	/	<=13	Pass
	836.5	Outer_Full	8.19	/	/	<=13	Pass
	839	Outer_Full	8.11	/	/	<=13	Pass
CP-OFDM 16 QAM	834	Outer_Full	8.26	/	/	<=13	Pass
	836.5	Outer_Full	8.26	/	/	<=13	Pass
	839	Outer_Full	8.27	/	/	<=13	Pass
CP-OFDM 64 QAM	834	Outer_Full	8.46	/	/	<=13	Pass
	836.5	Outer_Full	8.52	/	/	<=13	Pass
	839	Outer_Full	8.52	/	/	<=13	Pass
CP-OFDM 256 QAM	834	Outer_Full	8.17	/	/	<=13	Pass
	836.5	Outer_Full	8.19	/	/	<=13	Pass
	839	Outer_Full	8.22	/	/	<=13	Pass

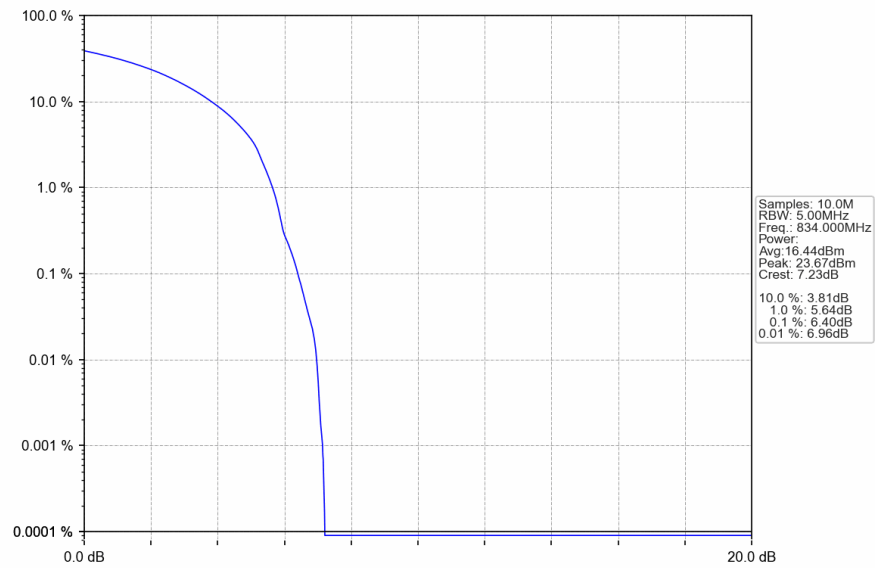
2.4.2 Test Graph



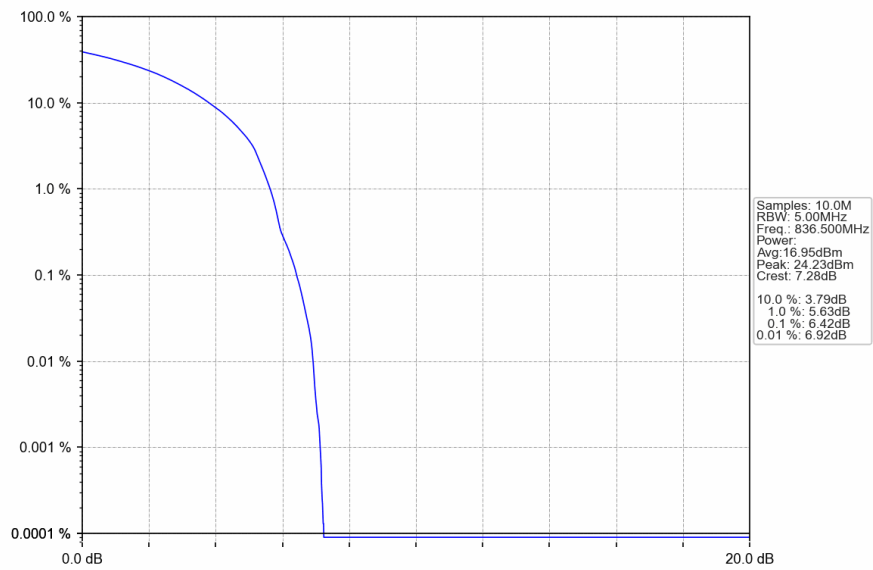
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full



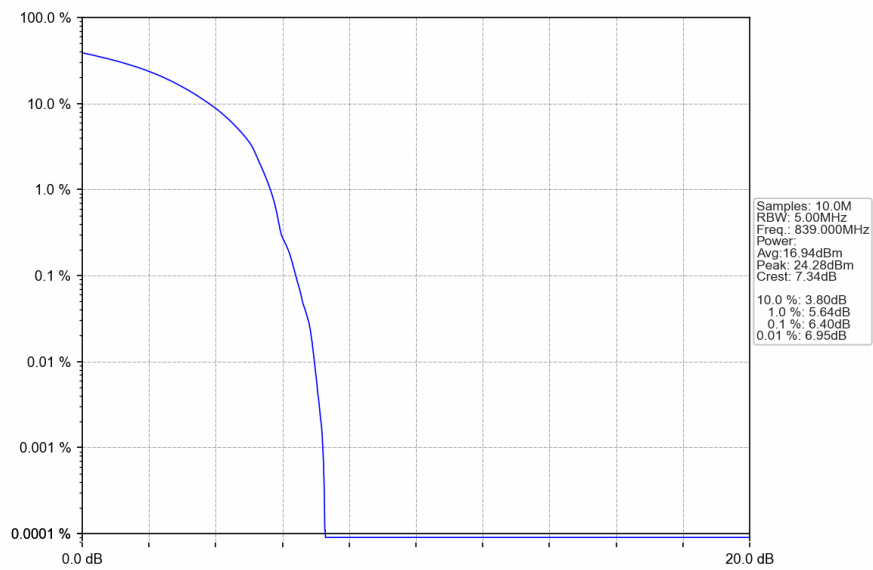
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full



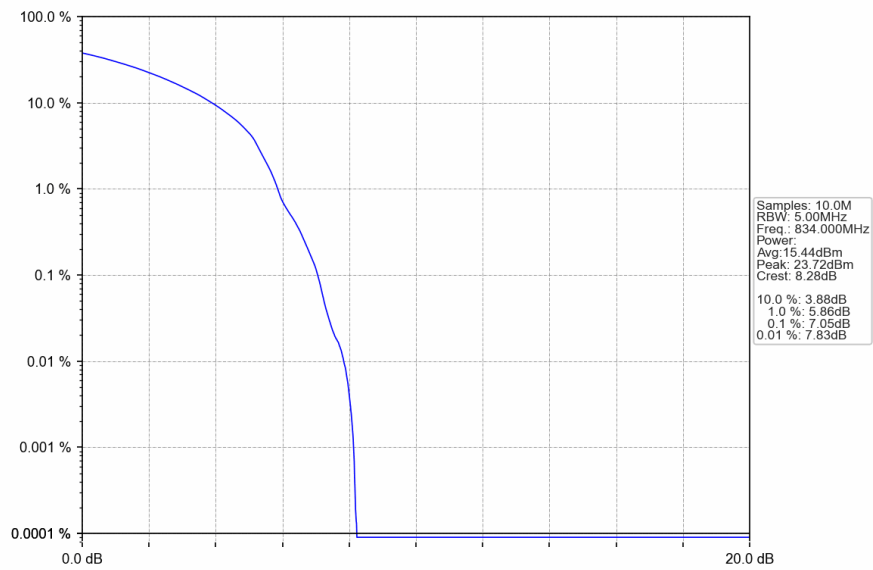
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Outer_Full



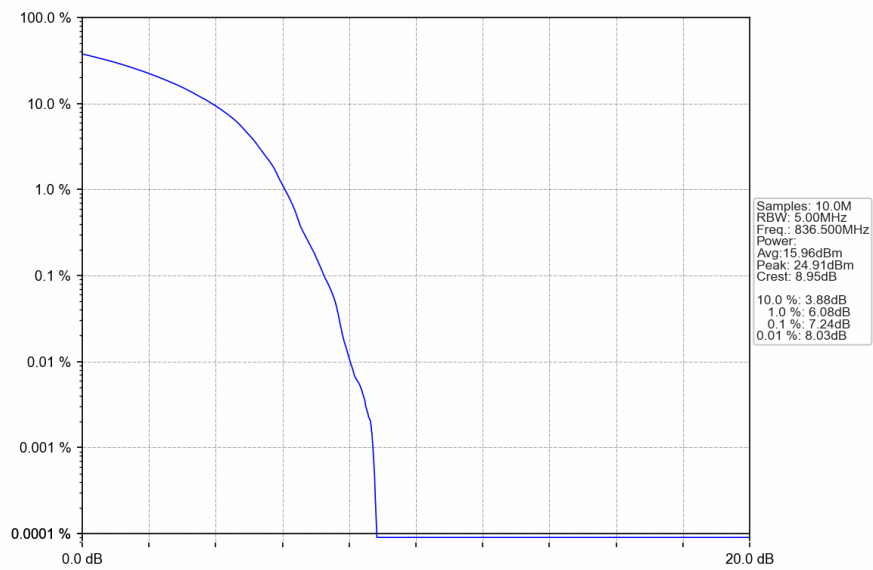
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full



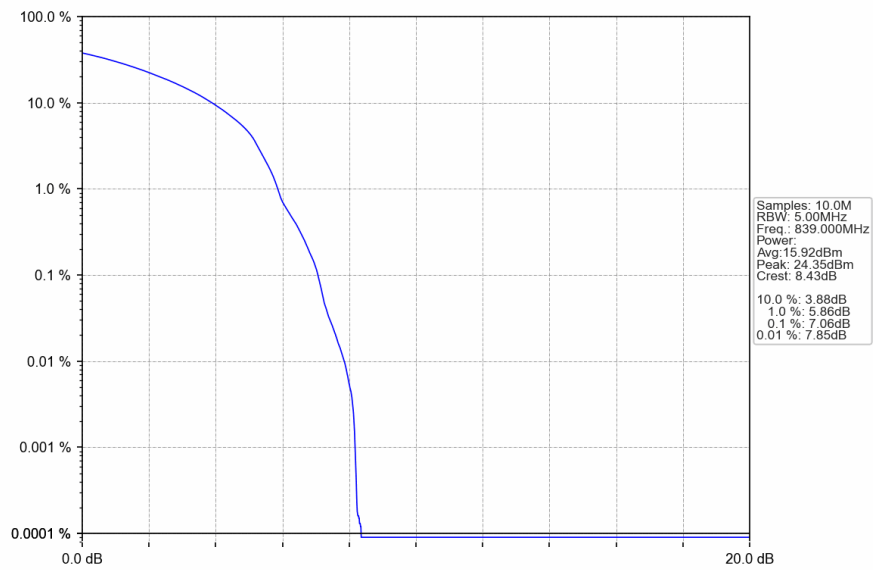
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_834MHz_Outer_Full



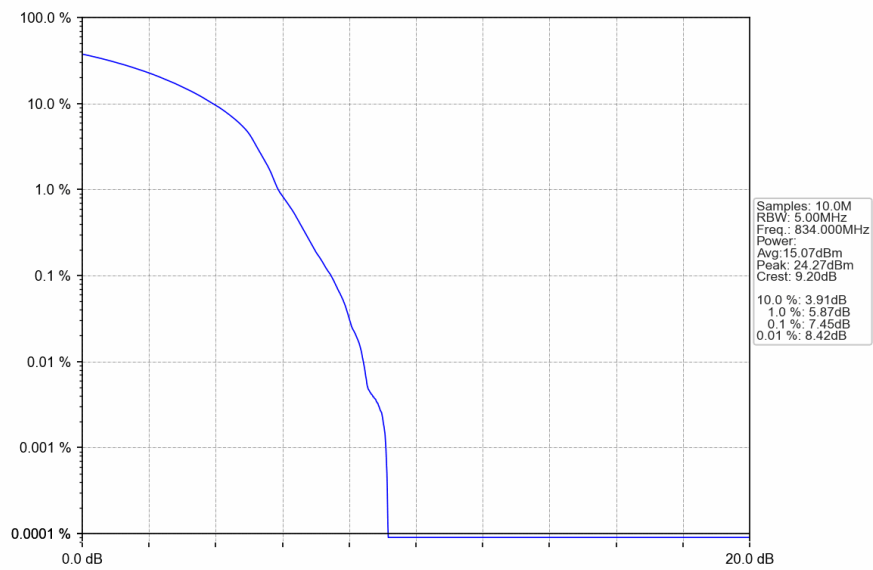
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full



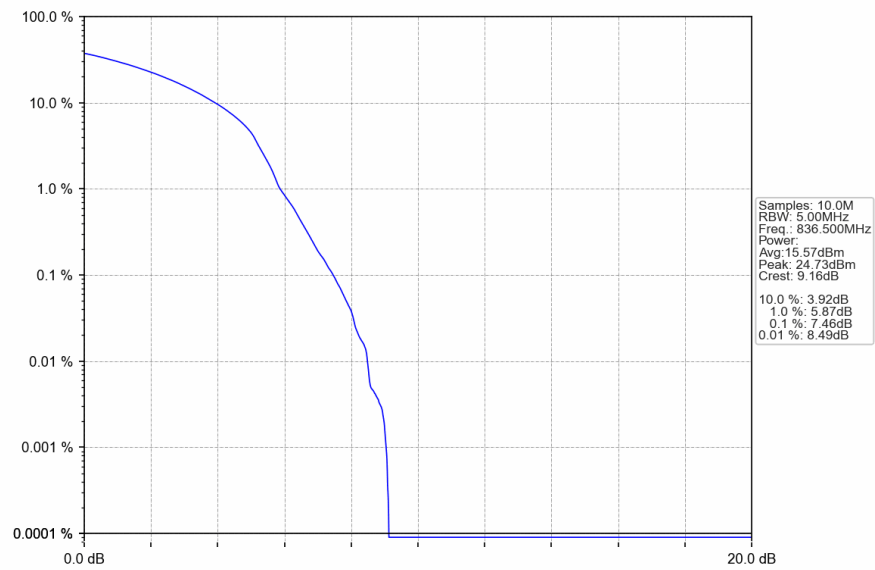
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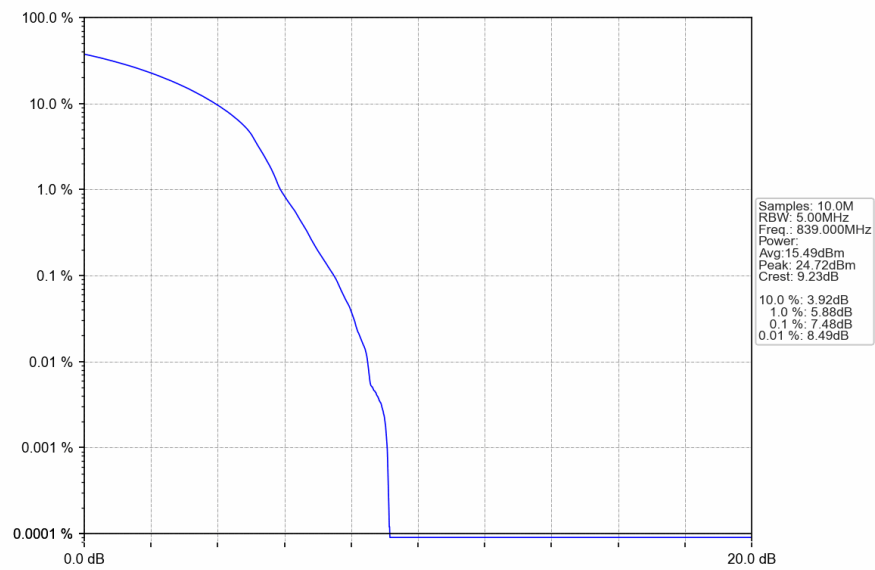
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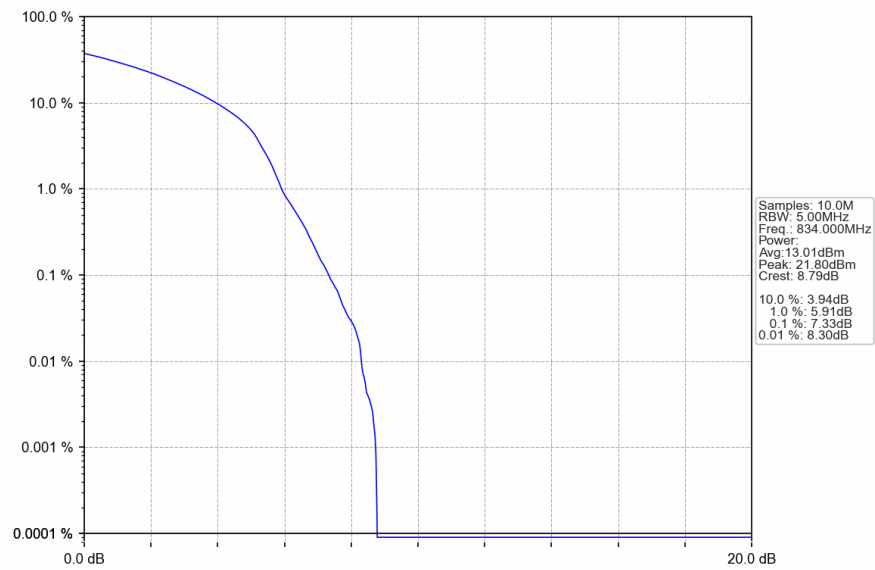
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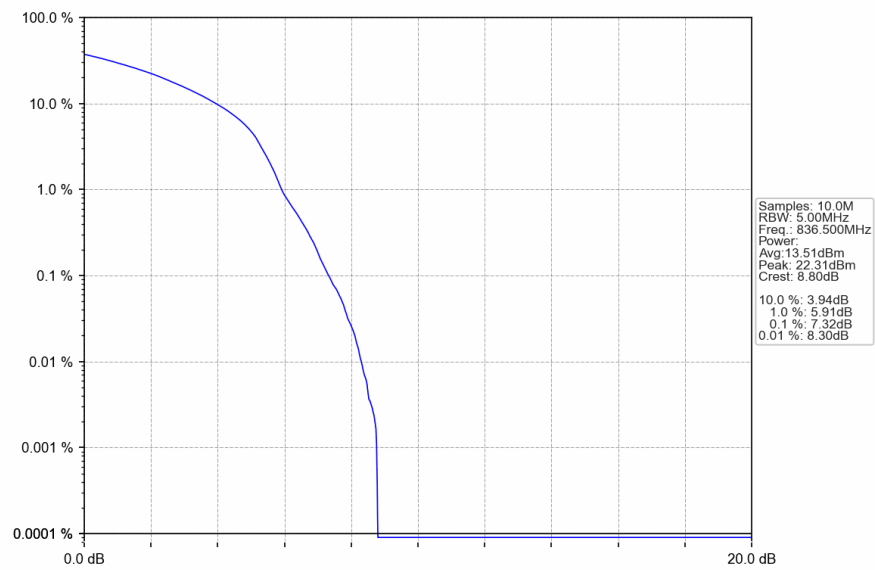
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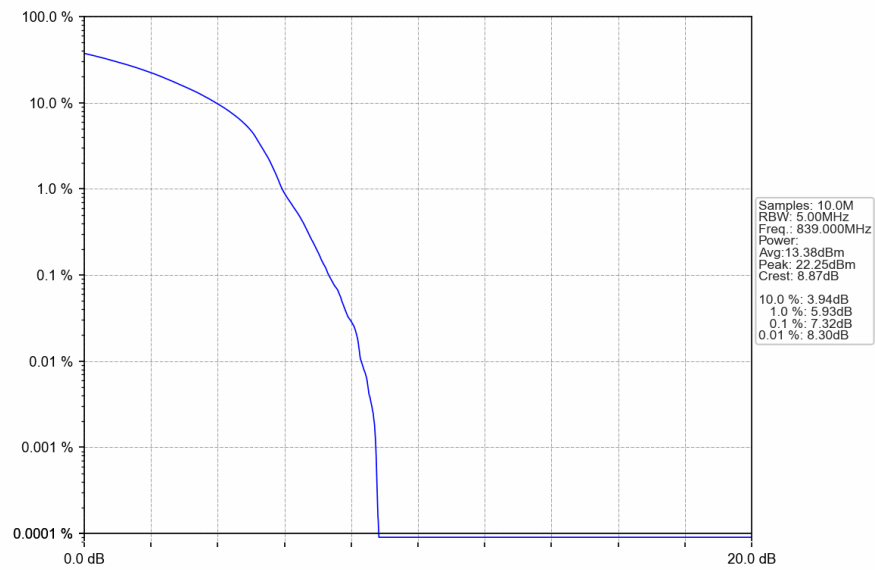
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_834MHz_Outer_Full



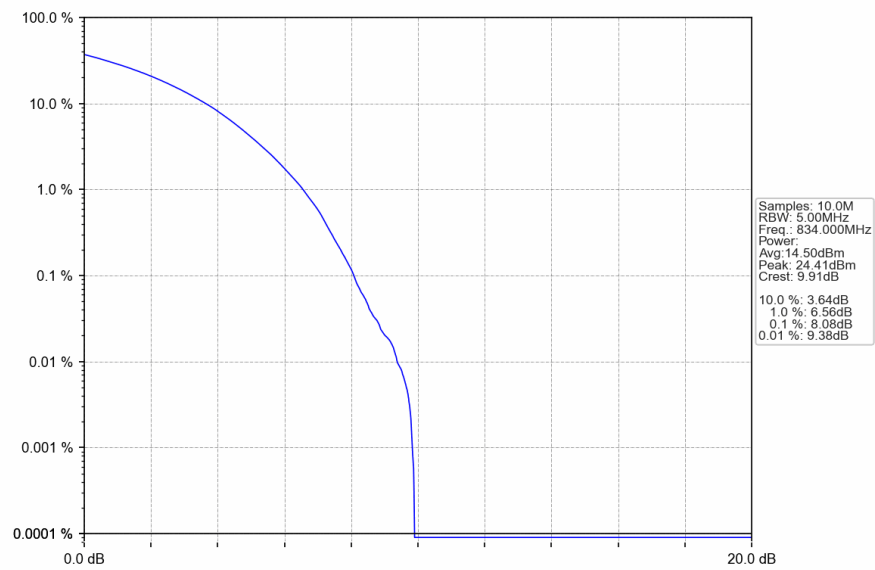
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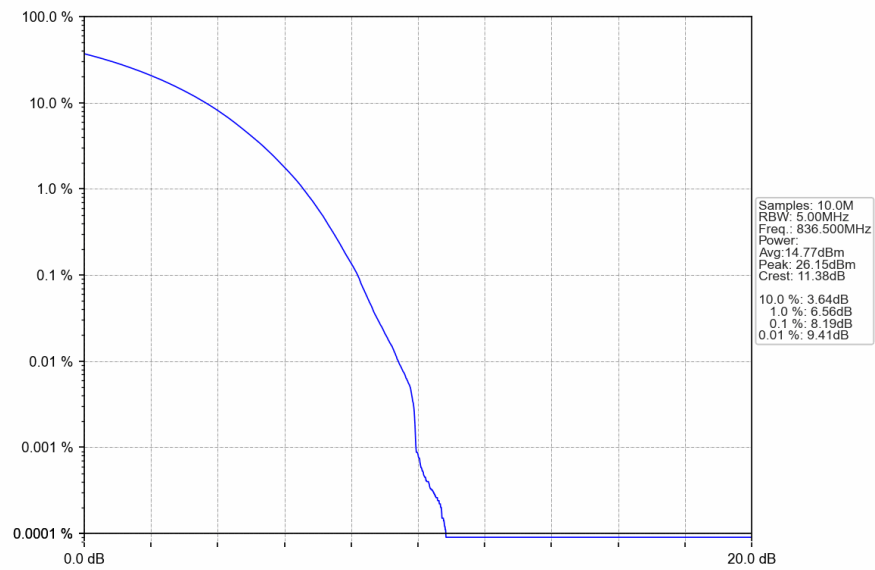
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_839MHz_Outer_Full



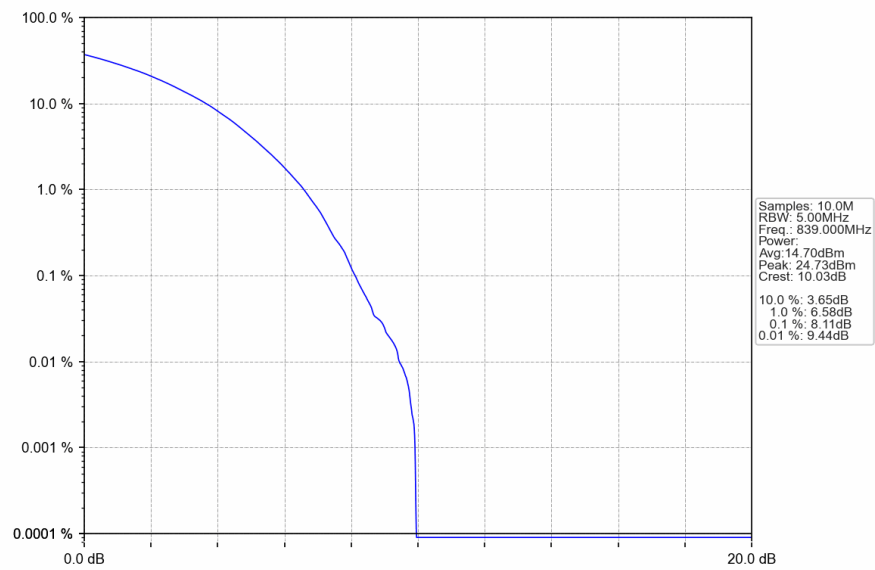
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full



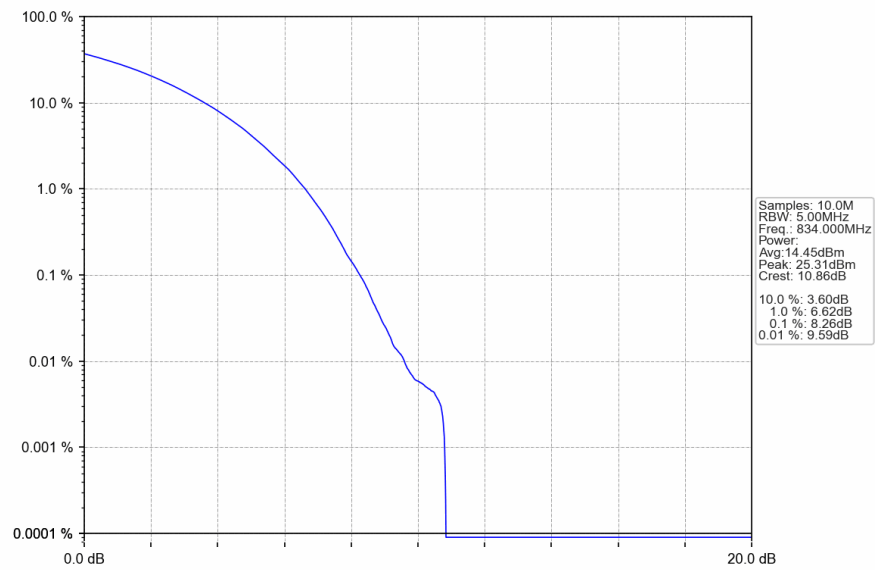
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Outer_Full



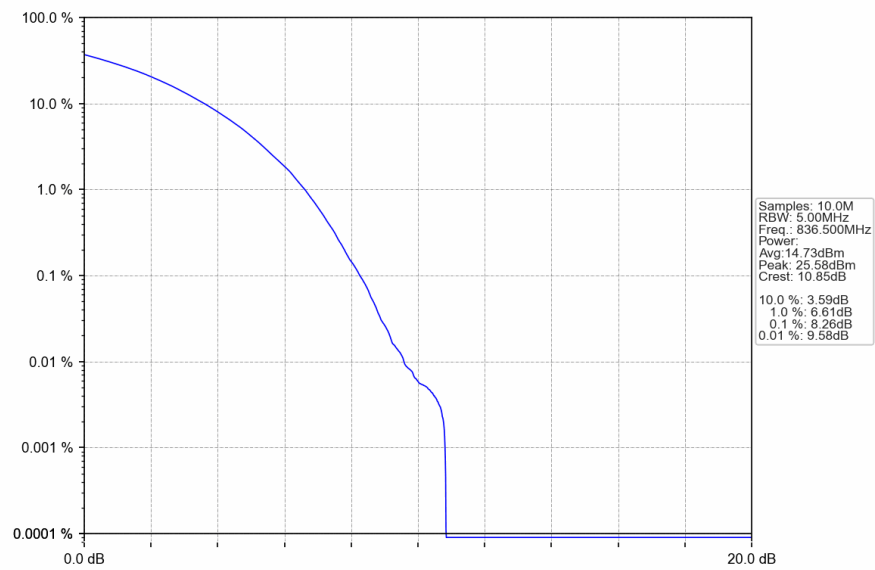
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Outer_Full



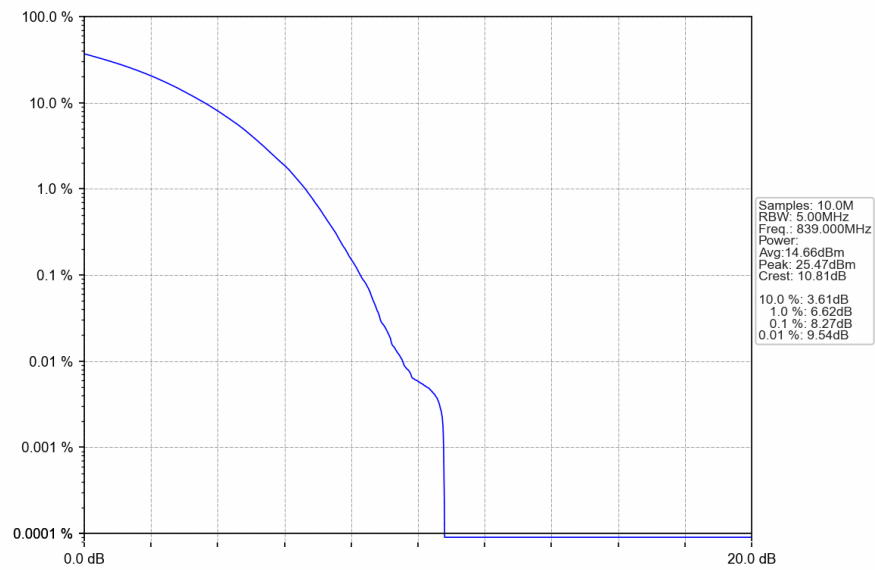
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 834MHz_Outer_Full



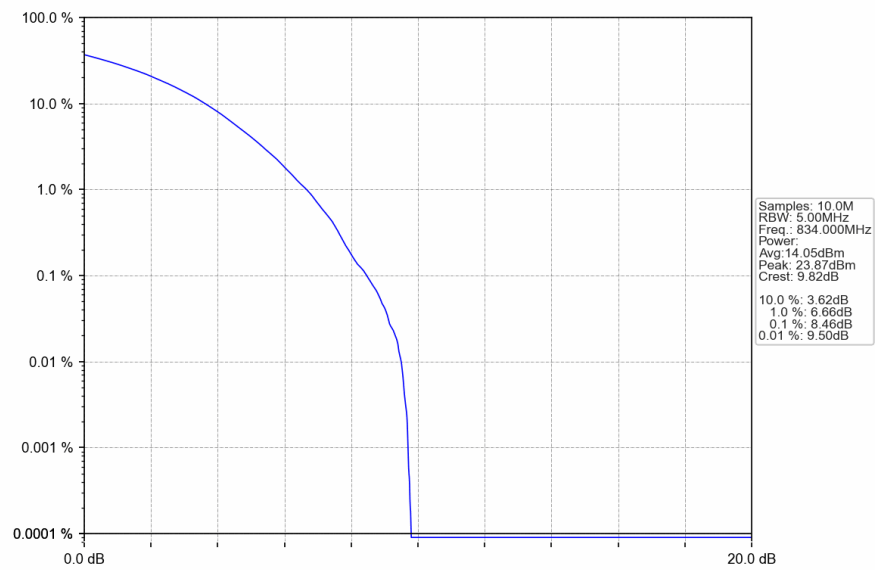
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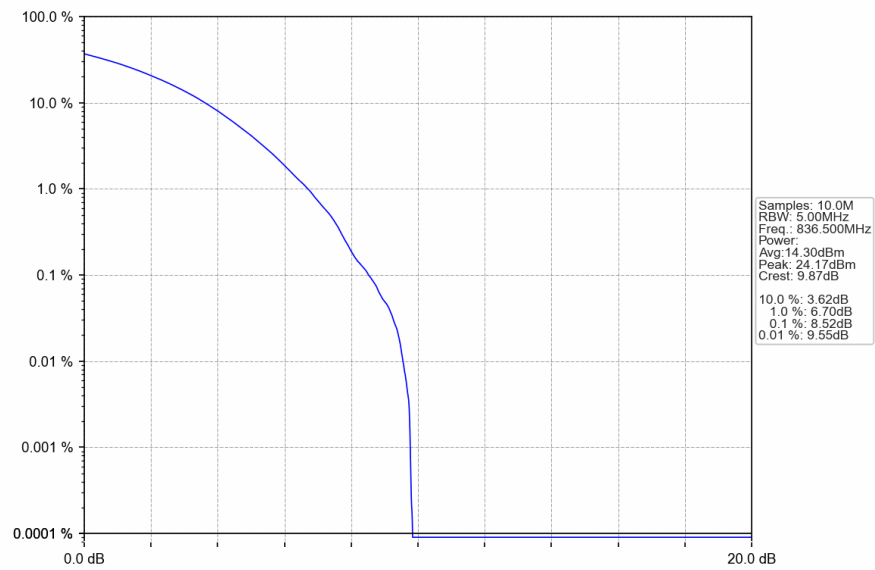
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_839MHz_Outer_Full



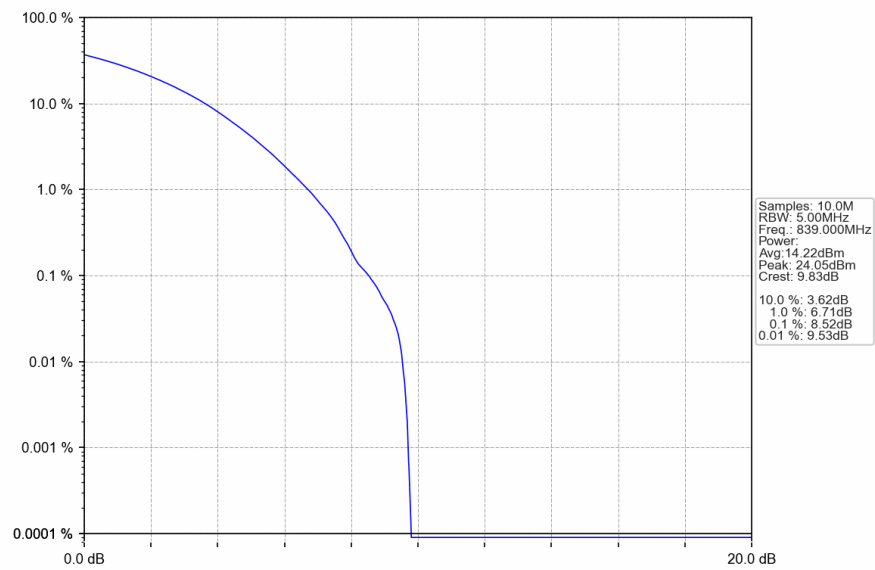
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_834MHz_Outer_Full



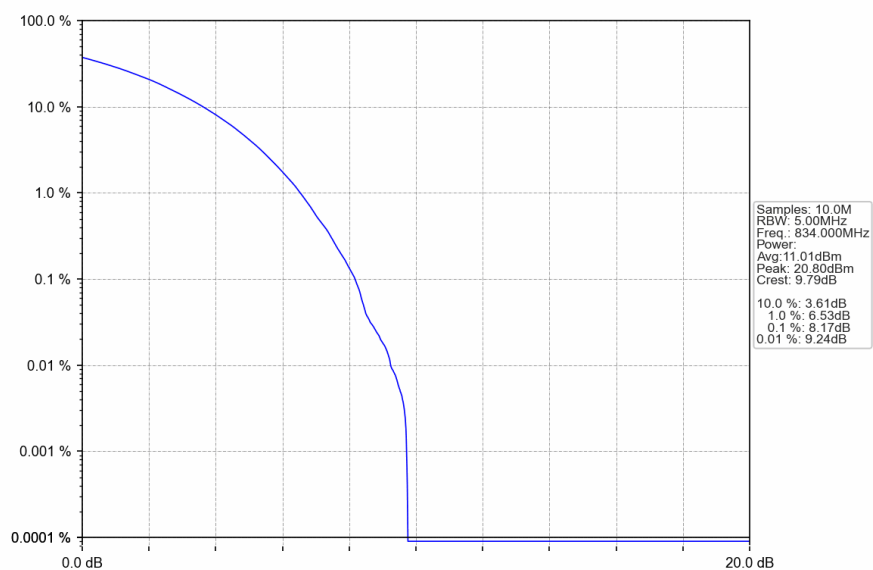
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_836.5MHz_Outer_Full



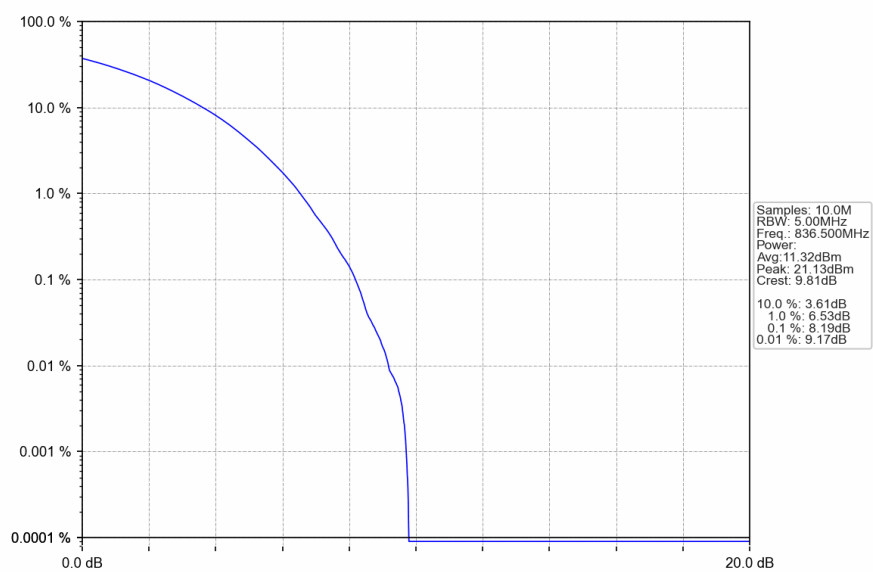
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_839MHz_Outer_Full

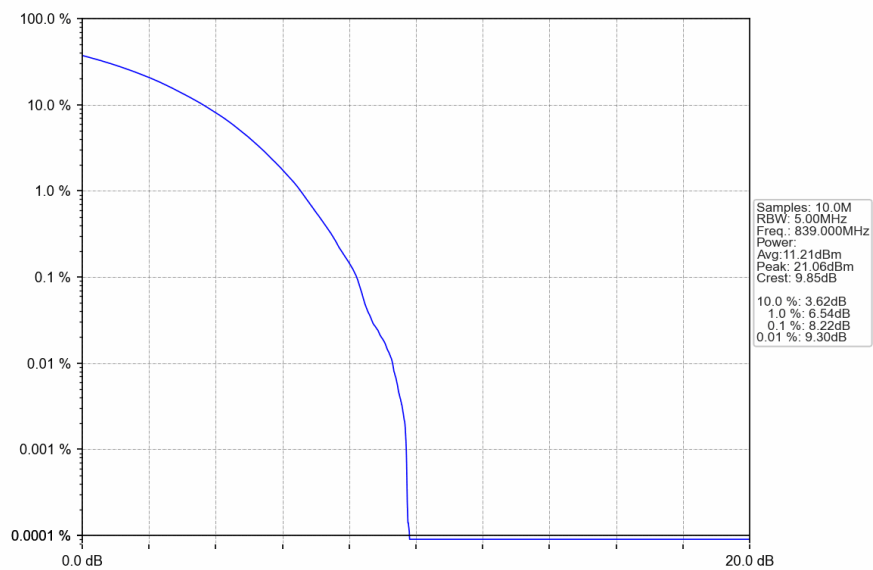


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_834MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full





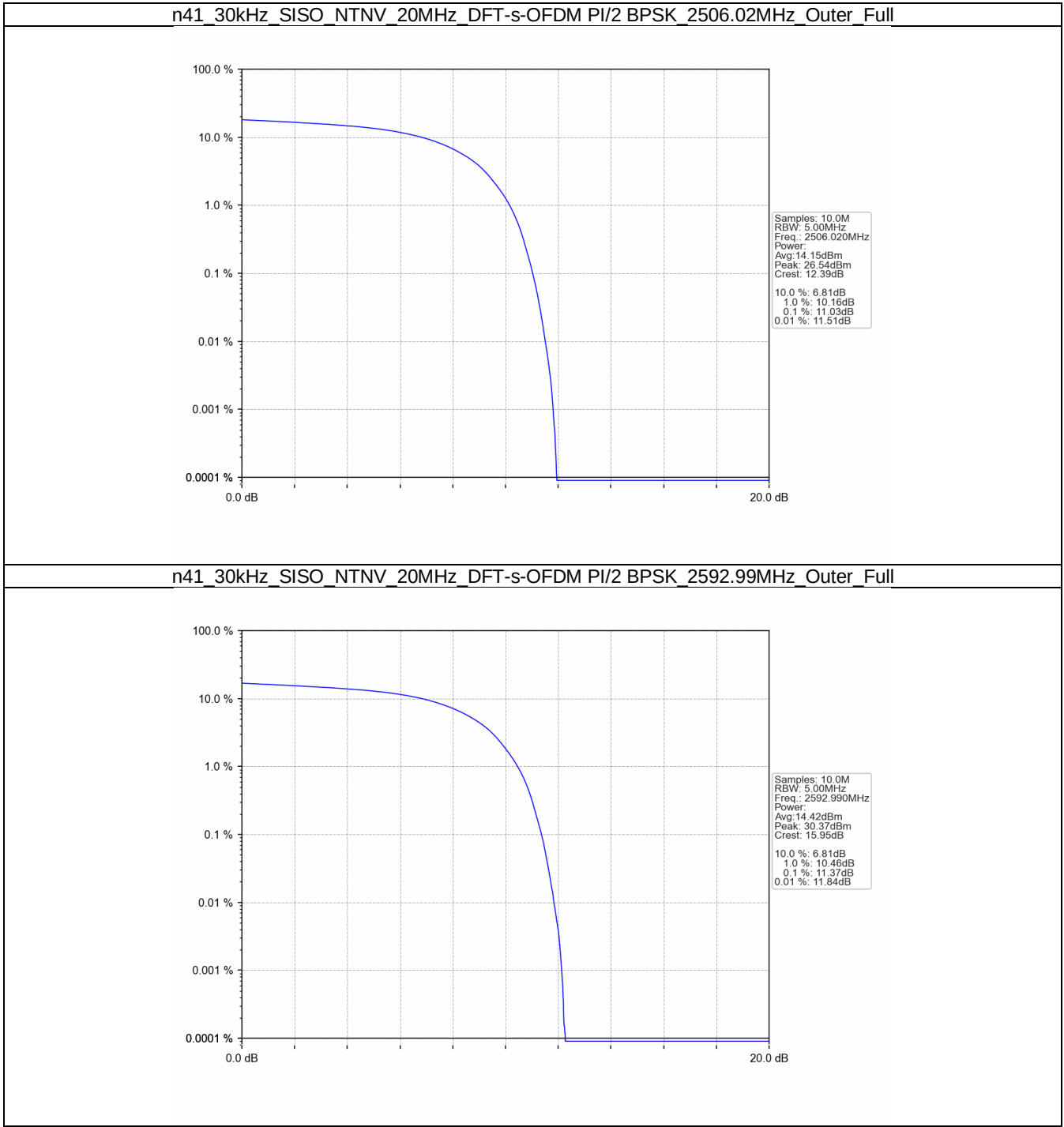
3. Peak-Average Ratio

3.1 30k_SISO_20MHz_NTNV

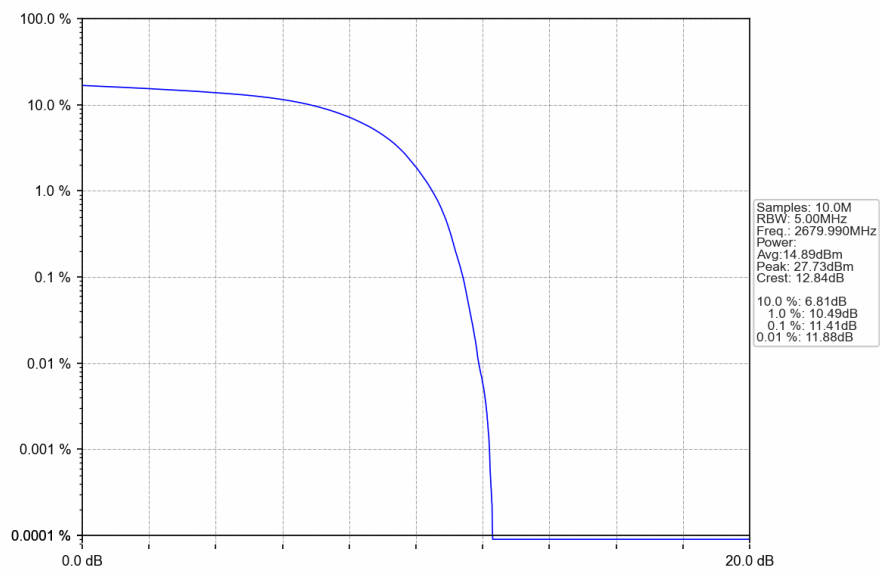
3.1.1 Test Result

5G NR n41 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.02	Outer_Full	11.03	/	/	<=13	Pass
	2592.99	Outer_Full	11.37	/	/	<=13	Pass
	2679.99	Outer_Full	11.41	/	/	<=13	Pass
DFT-s-OFDM QPSK	2506.02	Outer_Full	11.47	/	/	<=13	Pass
	2592.99	Outer_Full	11.16	/	/	<=13	Pass
	2679.99	Outer_Full	10.13	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2506.02	Outer_Full	12.39	/	/	<=13	Pass
	2592.99	Outer_Full	12.41	/	/	<=13	Pass
	2679.99	Outer_Full	10.70	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer_Full	12.63	/	/	<=13	Pass
	2592.99	Outer_Full	12.58	/	/	<=13	Pass
	2679.99	Outer_Full	10.76	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer_Full	11.09	/	/	<=13	Pass
	2592.99	Outer_Full	10.94	/	/	<=13	Pass
	2679.99	Outer_Full	11.00	/	/	<=13	Pass
CP-OFDM QPSK	2506.02	Outer_Full	11.35	/	/	<=13	Pass
	2592.99	Outer_Full	11.44	/	/	<=13	Pass
	2679.99	Outer_Full	11.58	/	/	<=13	Pass
CP-OFDM 16 QAM	2506.02	Outer_Full	11.64	/	/	<=13	Pass
	2592.99	Outer_Full	11.72	/	/	<=13	Pass
	2679.99	Outer_Full	11.40	/	/	<=13	Pass
CP-OFDM 64 QAM	2506.02	Outer_Full	11.40	/	/	<=13	Pass
	2592.99	Outer_Full	11.03	/	/	<=13	Pass
	2679.99	Outer_Full	11.66	/	/	<=13	Pass
CP-OFDM 256 QAM	2506.02	Outer_Full	11.67	/	/	<=13	Pass
	2592.99	Outer_Full	11.81	/	/	<=13	Pass
	2679.99	Outer_Full	11.90	/	/	<=13	Pass

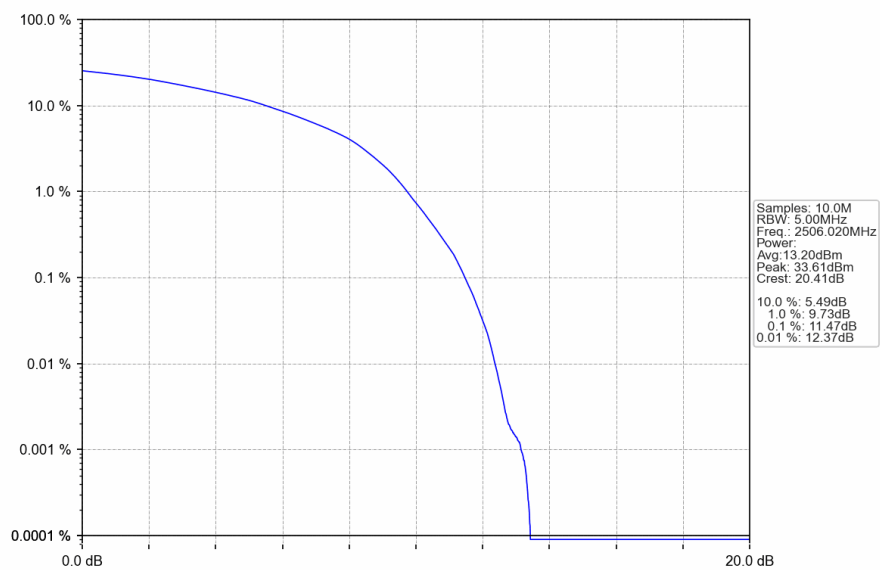
3.1.2 Test Graph



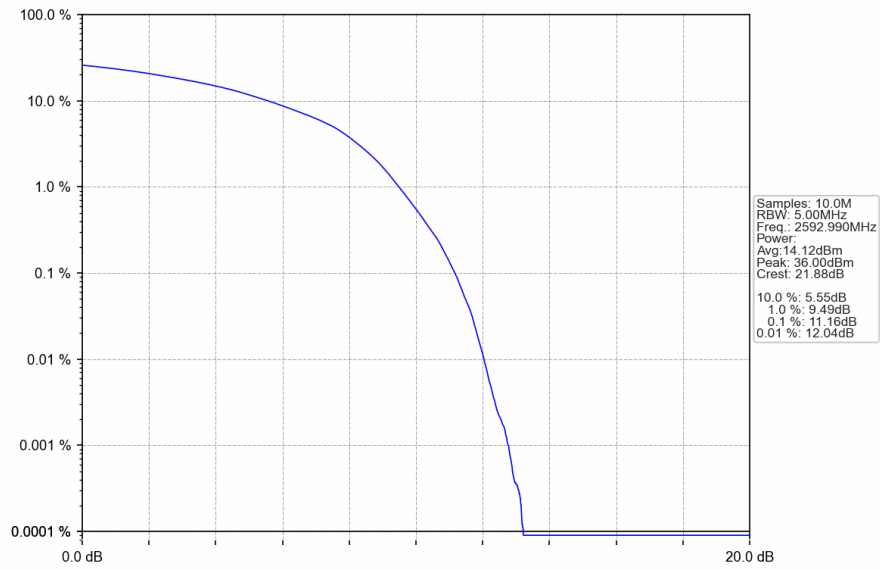
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2679.99MHz_Outer_Full



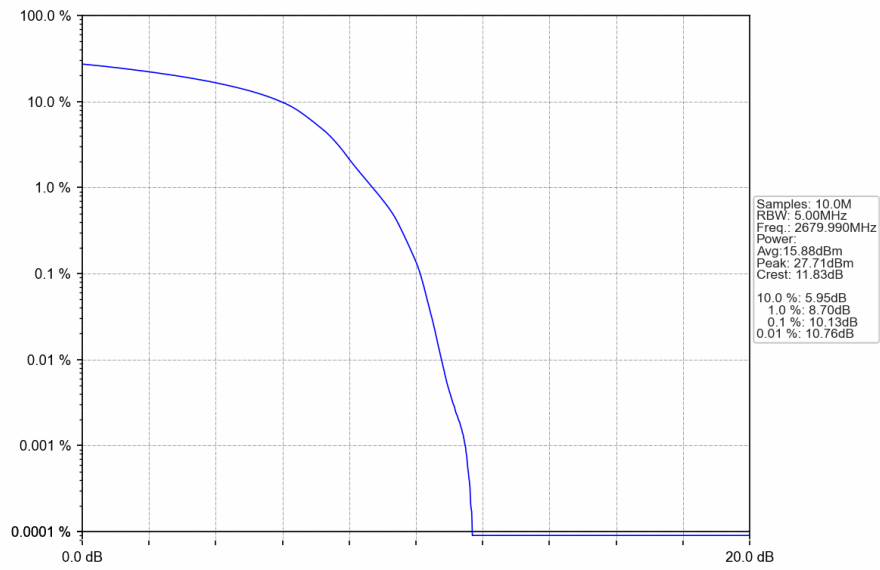
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2506.02MHz_Outer_Full



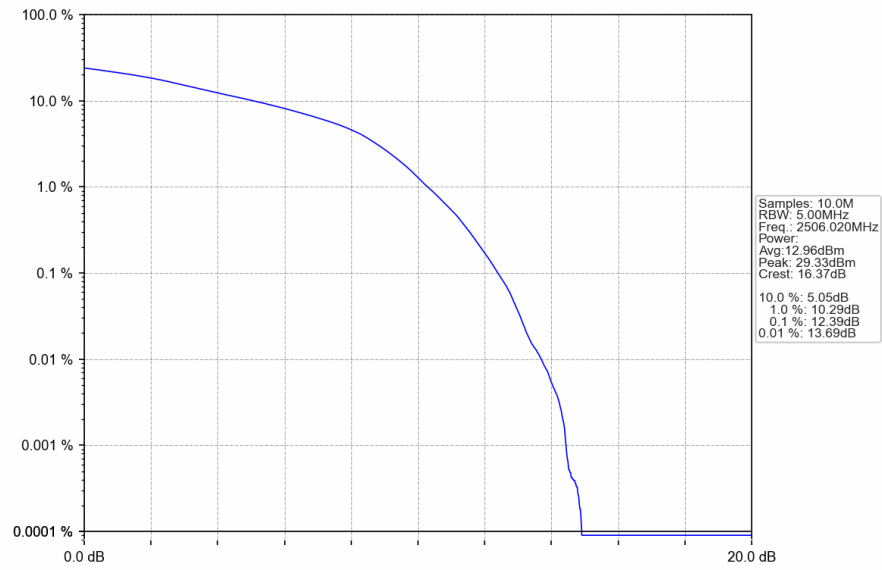
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2592.99MHz_Outer_Full



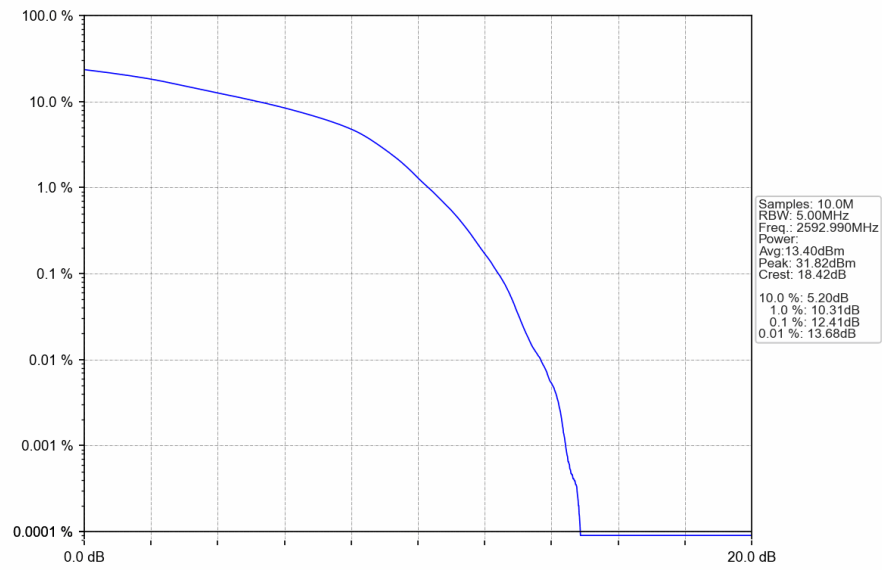
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2679.99MHz_Outer_Full



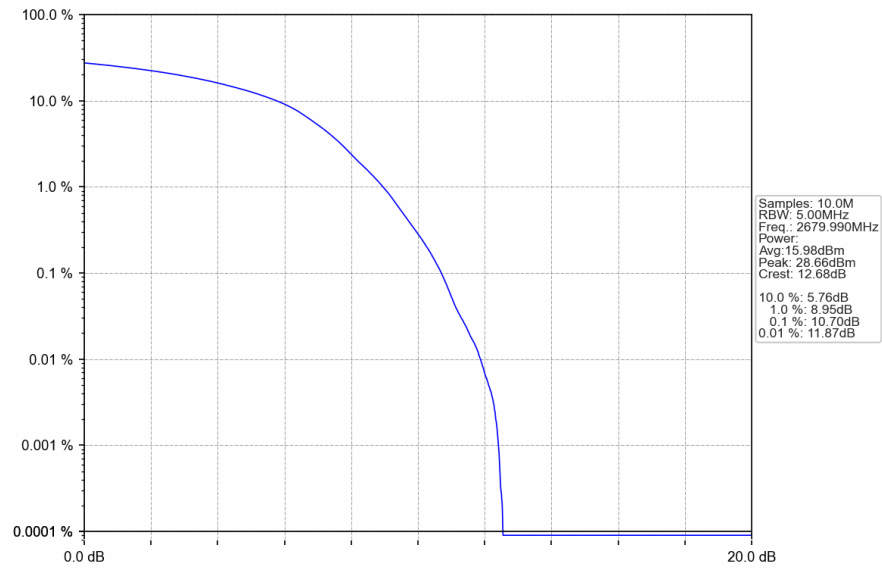
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_2506.02MHz_Outer_Full



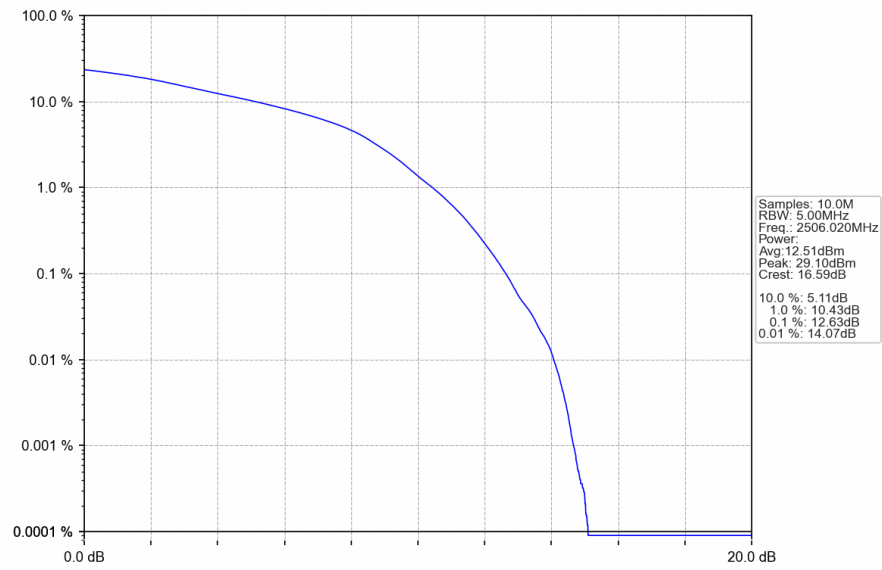
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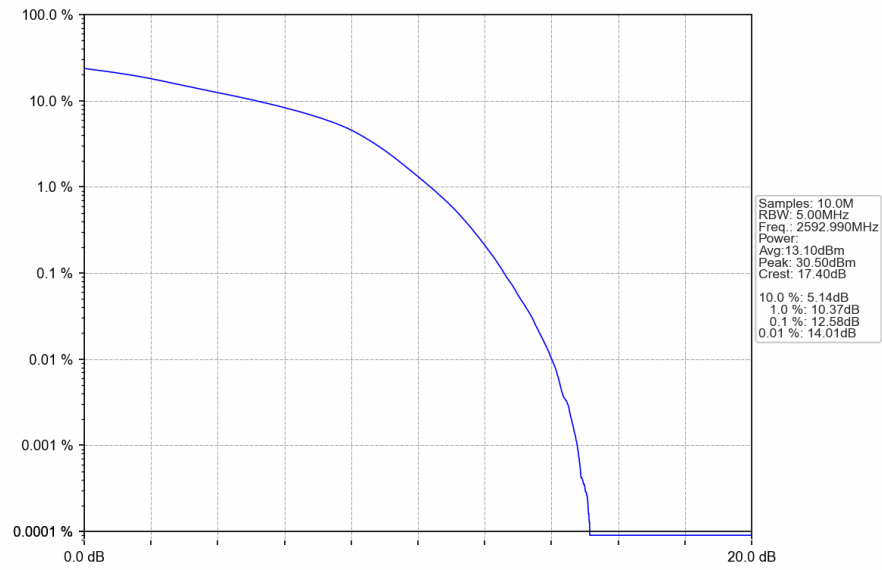
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_2679.99MHz_Outer_Full



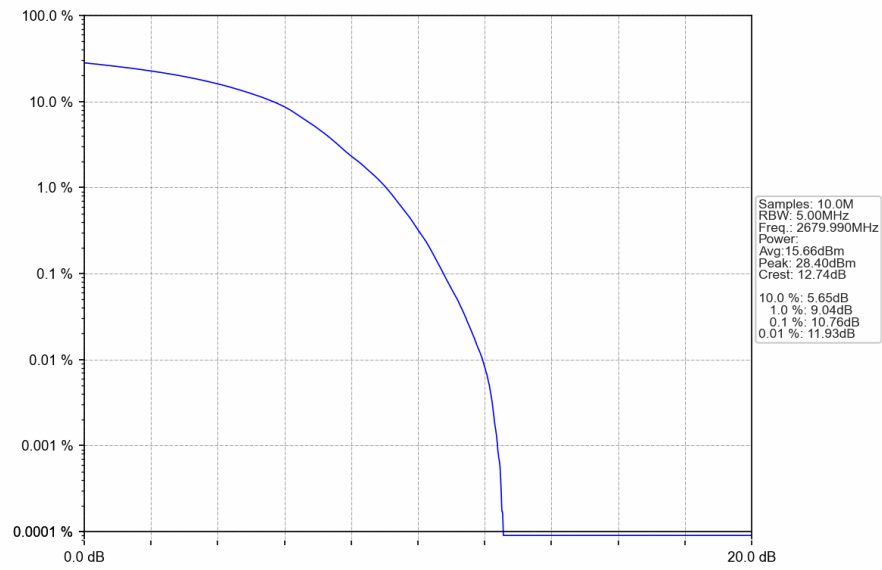
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2506.02MHz_Outer_Full



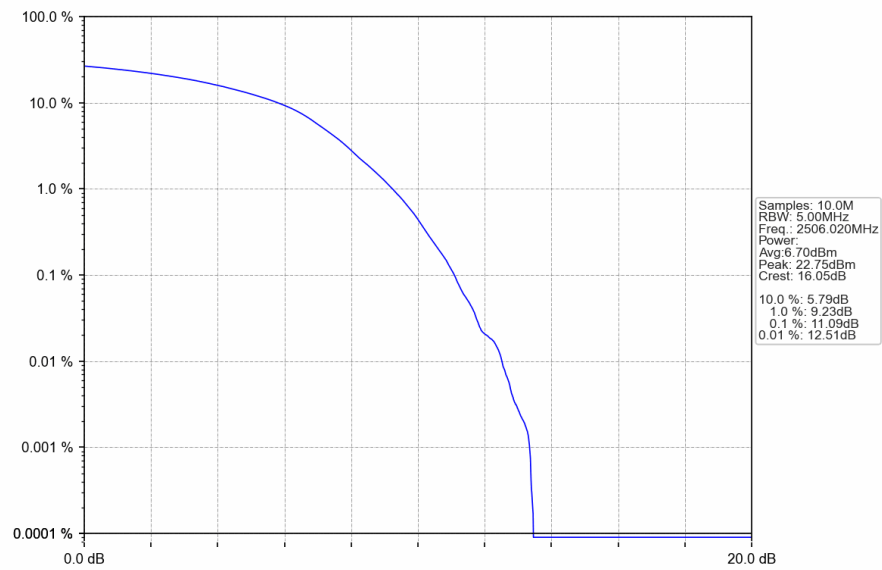
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full



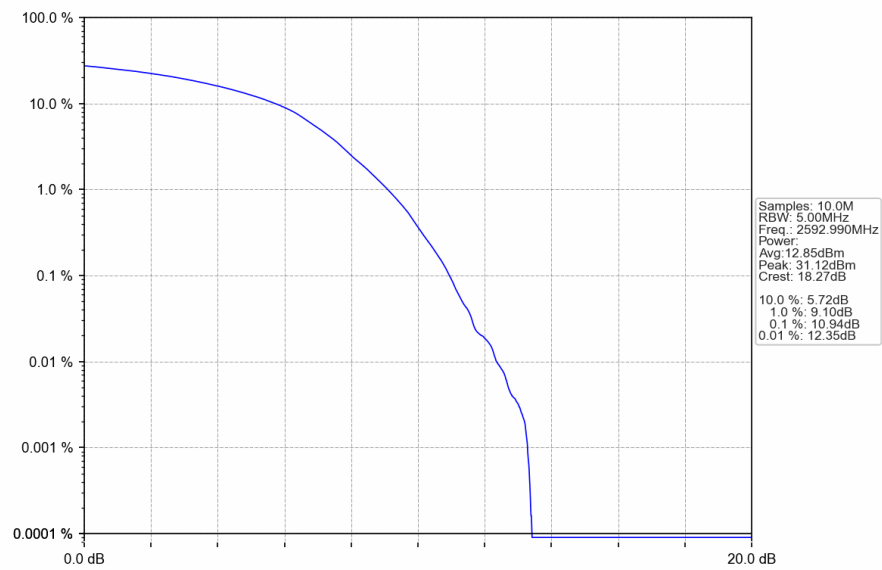
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2679.99MHz_Outer_Full



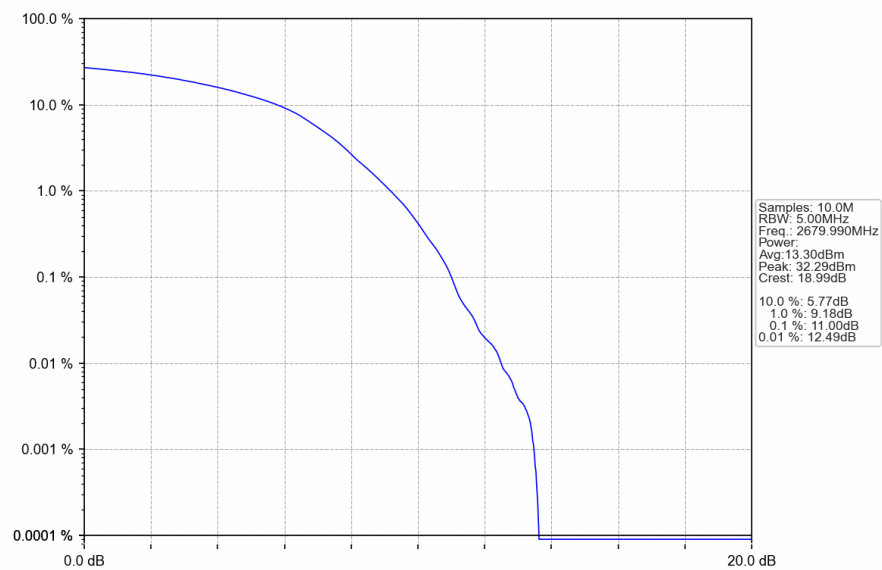
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_2506.02MHz_Outer_Full



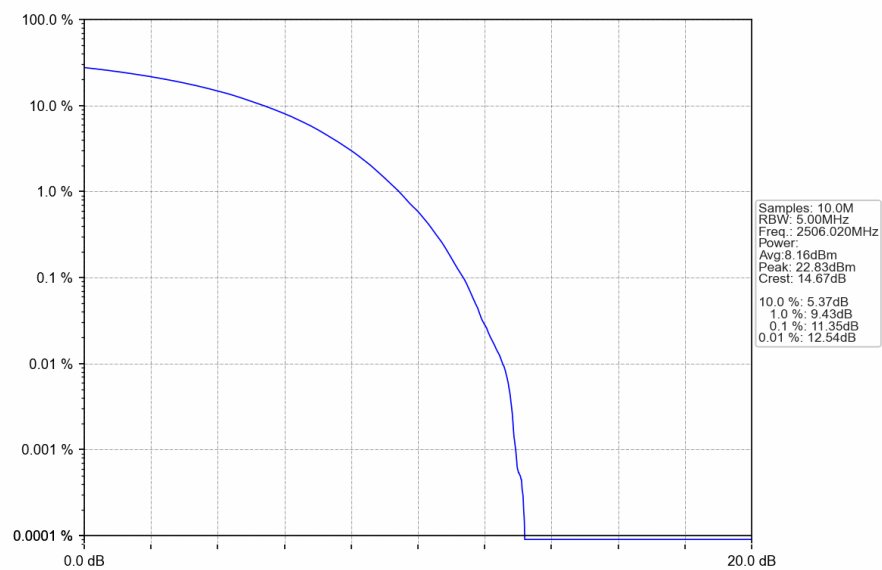
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_2592.99MHz_Outer_Full



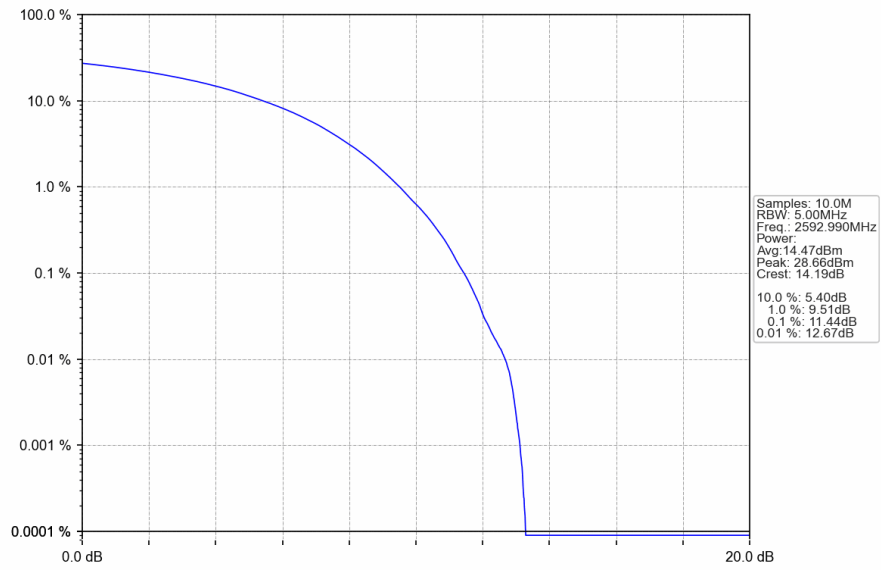
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_2679.99MHz_Outer_Full



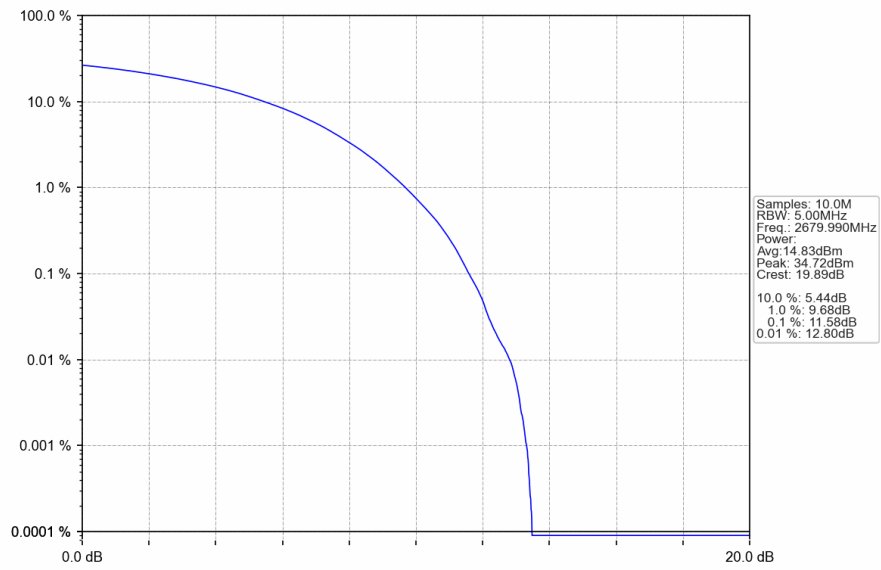
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2506.02MHz_Outer_Full



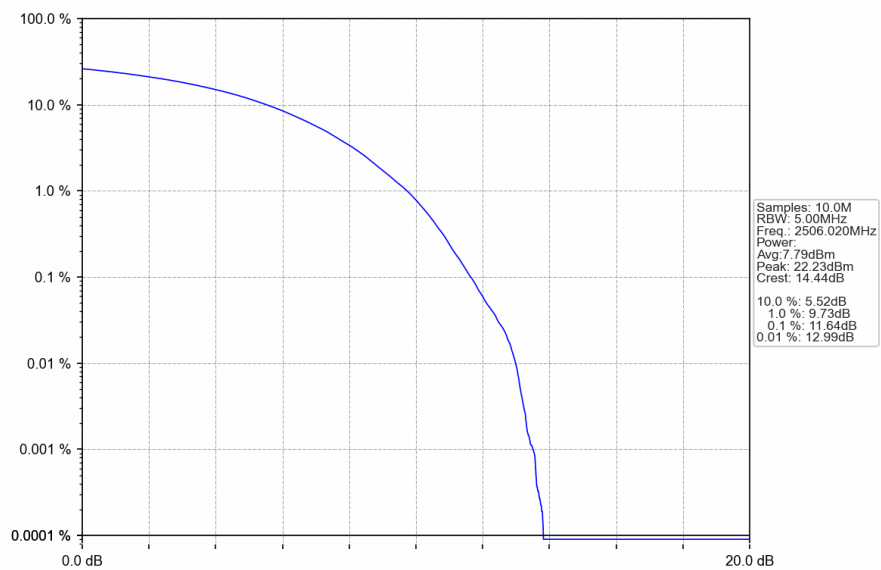
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full



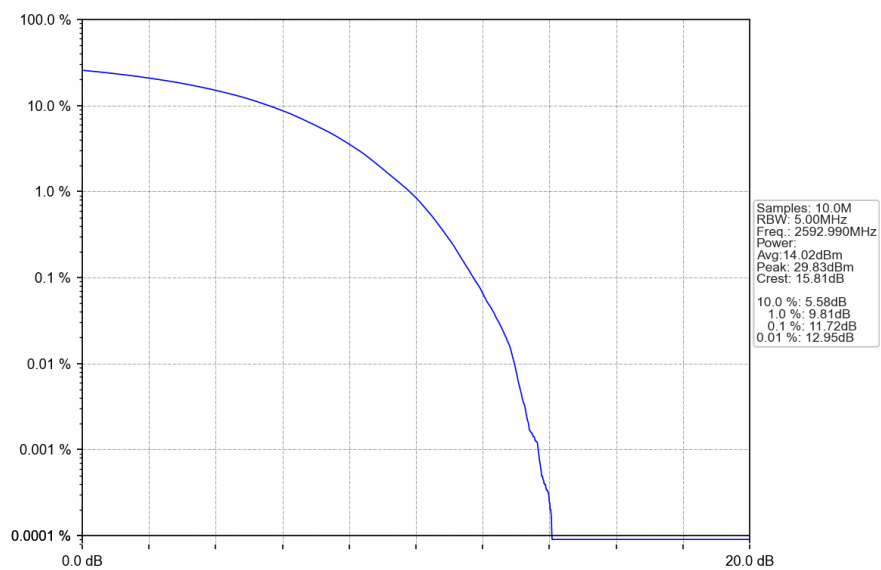
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2679.99MHz_Outer_Full



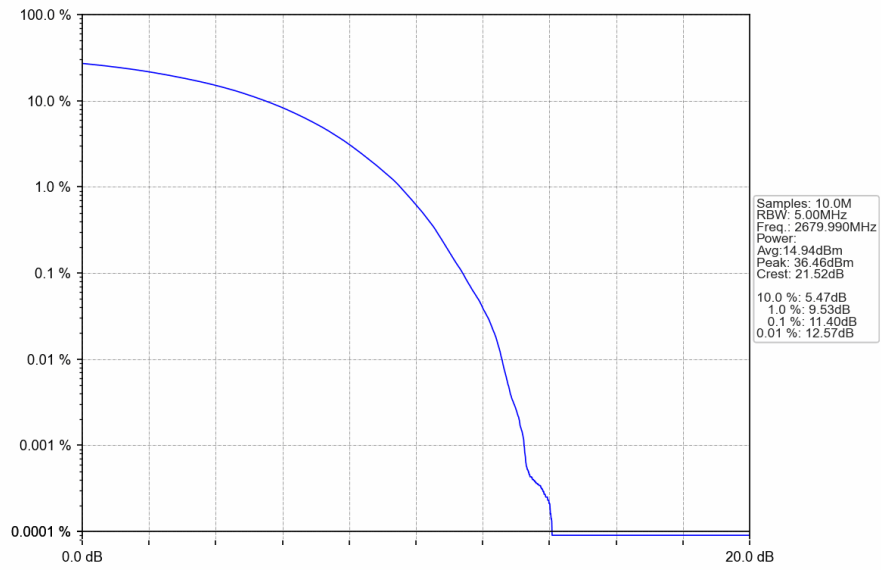
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_2506.02MHz_Outer_Full



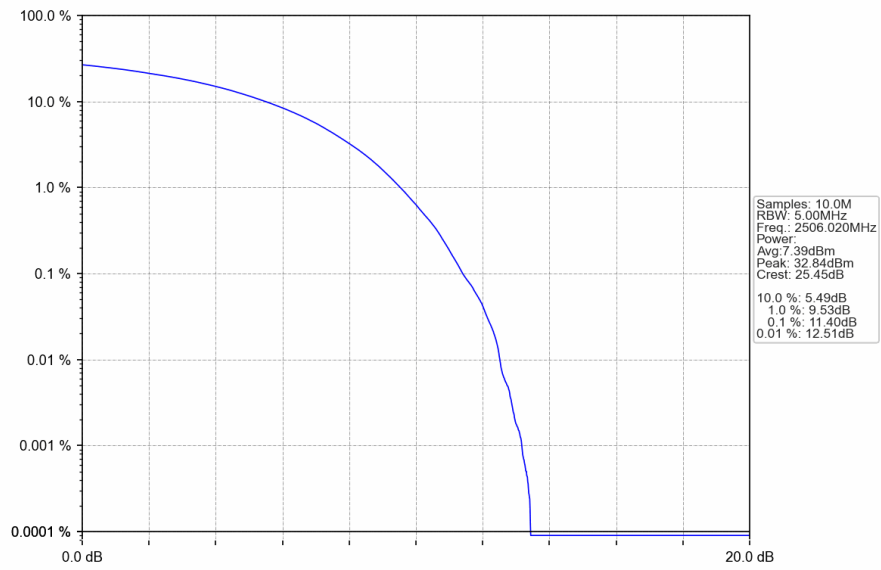
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_2592.99MHz_Outer_Full



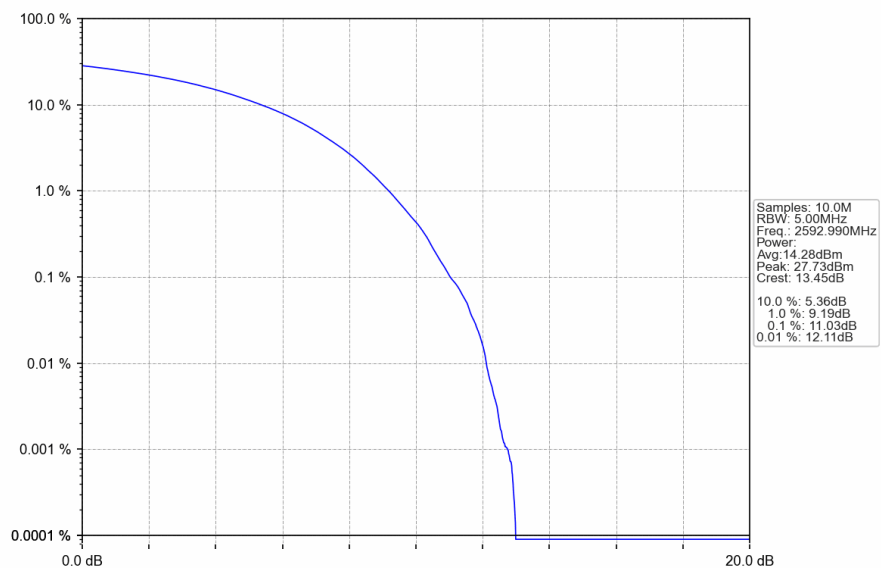
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2679.99MHz_Outer_Full



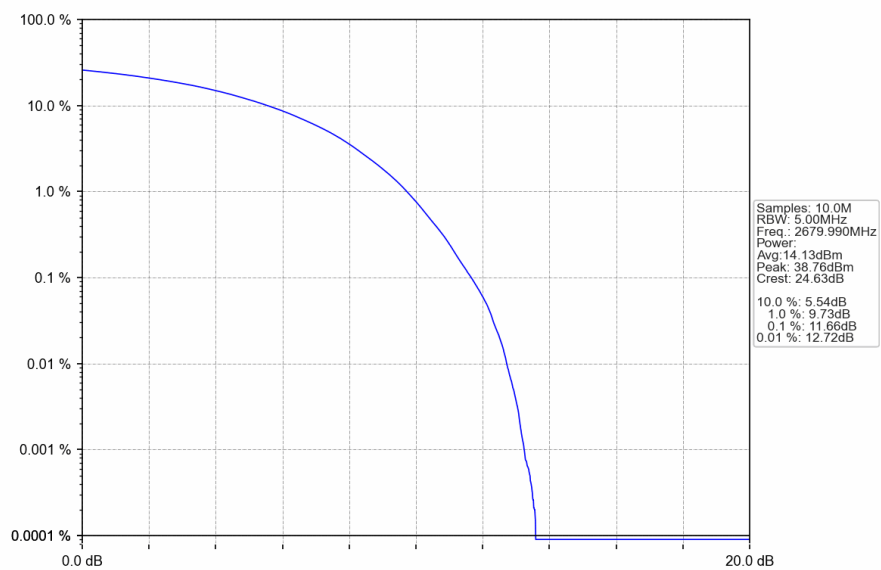
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2506.02MHz_Outer_Full



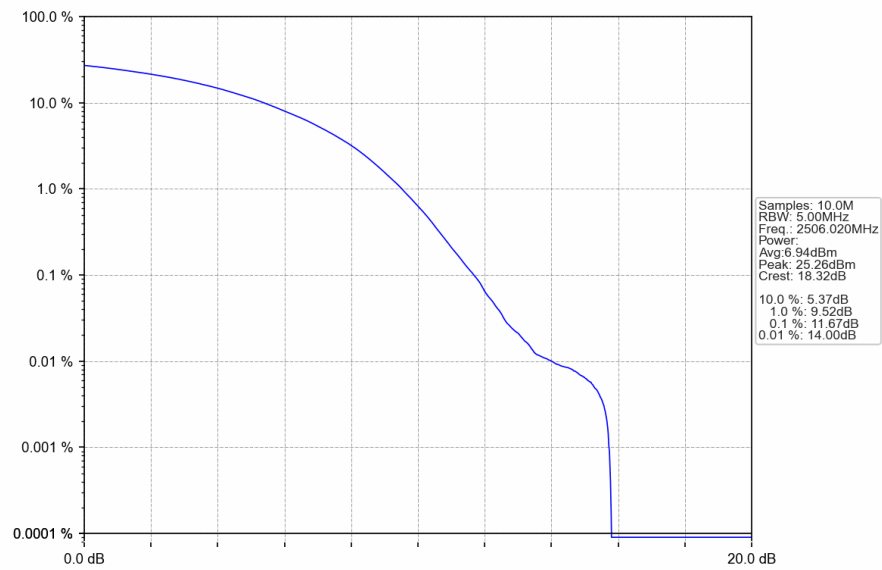
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_2592.99MHz_Outer_Full



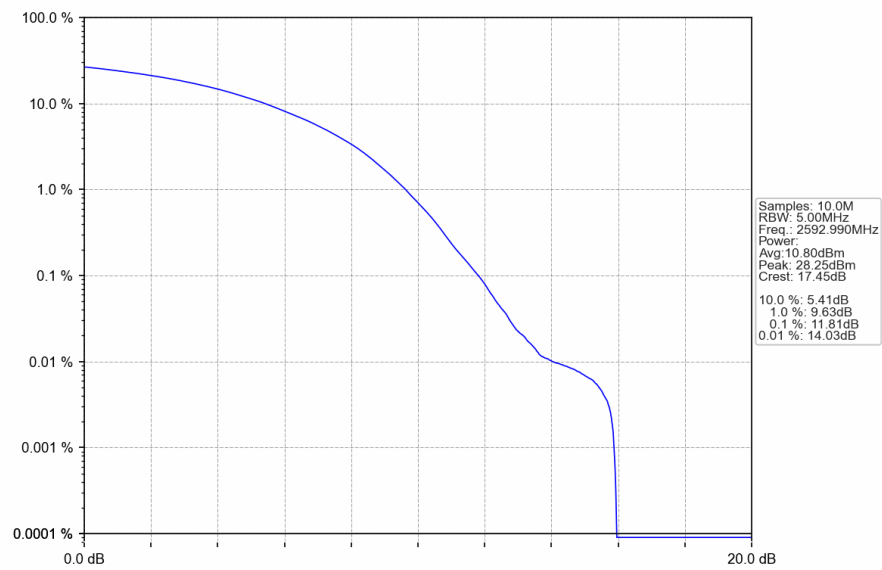
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_2679.99MHz_Outer_Full



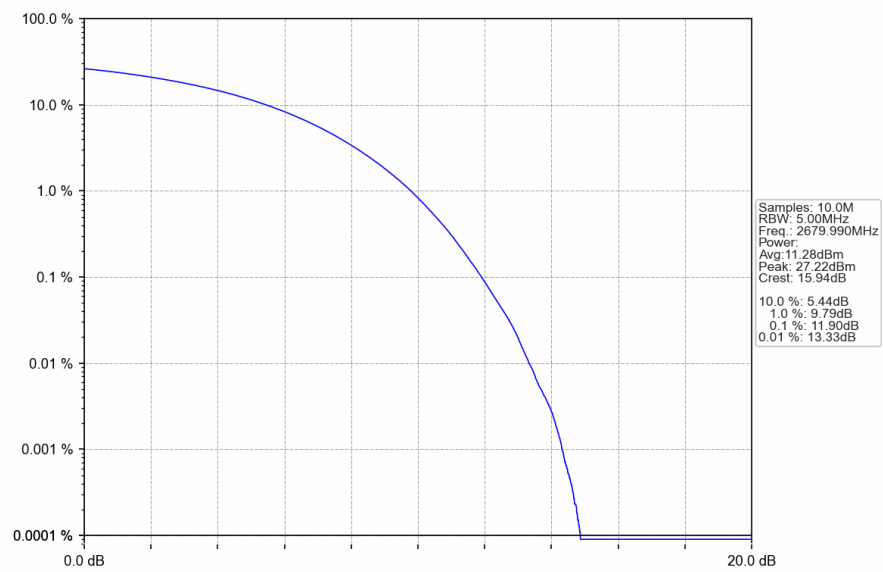
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2506.02MHz_Outer_Full



n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2679.99MHz_Outer_Full

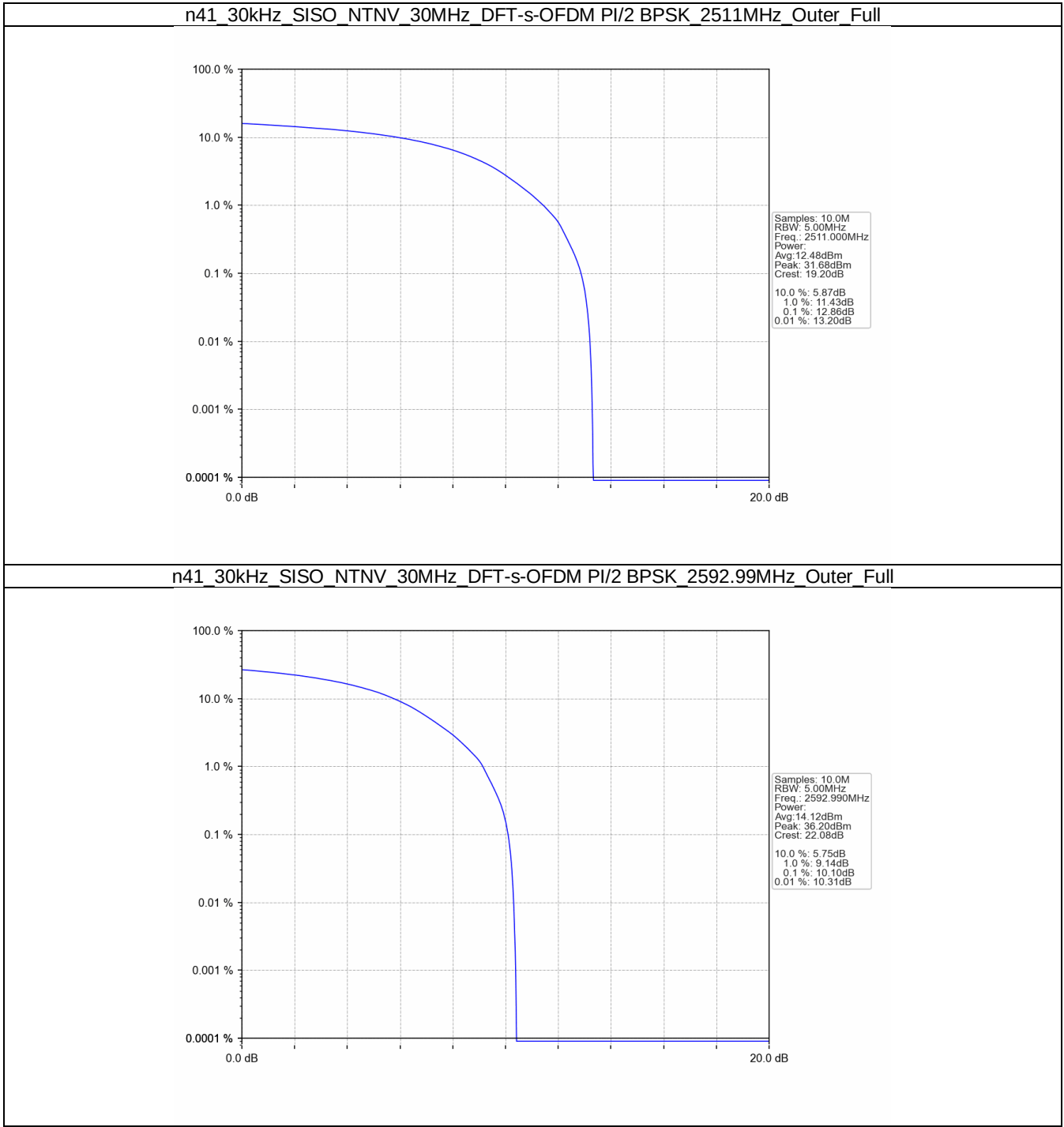


3.2 30k_SISO_30MHz_NTNV

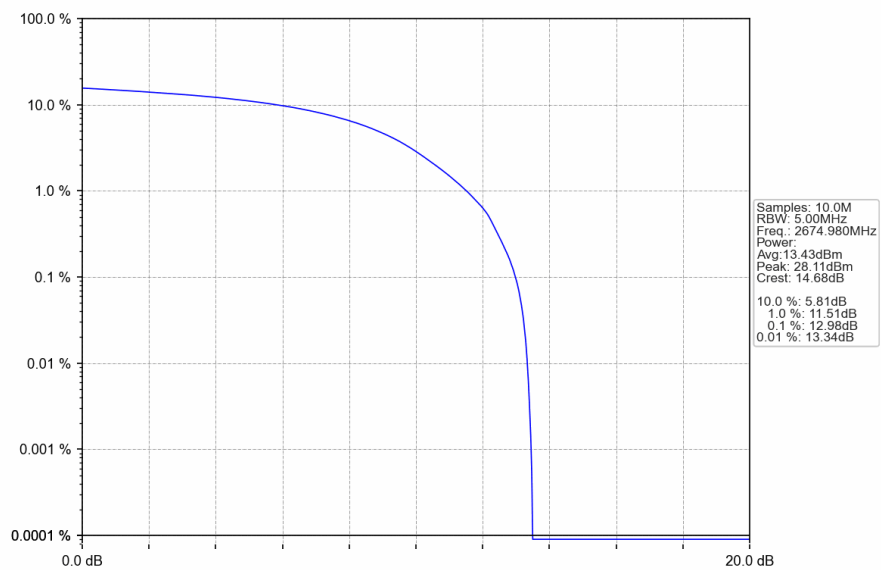
3.2.1 Test Result

5G NR n41 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Outer_Full	12.86	/	/	<=13	Pass
	2592.99	Outer_Full	10.10	/	/	<=13	Pass
	2674.98	Outer_Full	12.98	/	/	<=13	Pass
DFT-s-OFDM QPSK	2511	Outer_Full	10.56	/	/	<=13	Pass
	2592.99	Outer_Full	10.57	/	/	<=13	Pass
	2674.98	Outer_Full	10.51	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2511	Outer_Full	11.14	/	/	<=13	Pass
	2592.99	Outer_Full	11.08	/	/	<=13	Pass
	2674.98	Outer_Full	11.05	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	11.20	/	/	<=13	Pass
	2592.99	Outer_Full	11.45	/	/	<=13	Pass
	2674.98	Outer_Full	11.31	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2511	Outer_Full	11.12	/	/	<=13	Pass
	2592.99	Outer_Full	10.84	/	/	<=13	Pass
	2674.98	Outer_Full	10.75	/	/	<=13	Pass
CP-OFDM QPSK	2511	Outer_Full	11.64	/	/	<=13	Pass
	2592.99	Outer_Full	11.75	/	/	<=13	Pass
	2674.98	Outer_Full	11.62	/	/	<=13	Pass
CP-OFDM 16 QAM	2511	Outer_Full	11.72	/	/	<=13	Pass
	2592.99	Outer_Full	11.71	/	/	<=13	Pass
	2674.98	Outer_Full	11.68	/	/	<=13	Pass
CP-OFDM 64 QAM	2511	Outer_Full	11.87	/	/	<=13	Pass
	2592.99	Outer_Full	11.71	/	/	<=13	Pass
	2674.98	Outer_Full	11.77	/	/	<=13	Pass
CP-OFDM 256 QAM	2511	Outer_Full	11.83	/	/	<=13	Pass
	2592.99	Outer_Full	12.11	/	/	<=13	Pass
	2674.98	Outer_Full	12.11	/	/	<=13	Pass

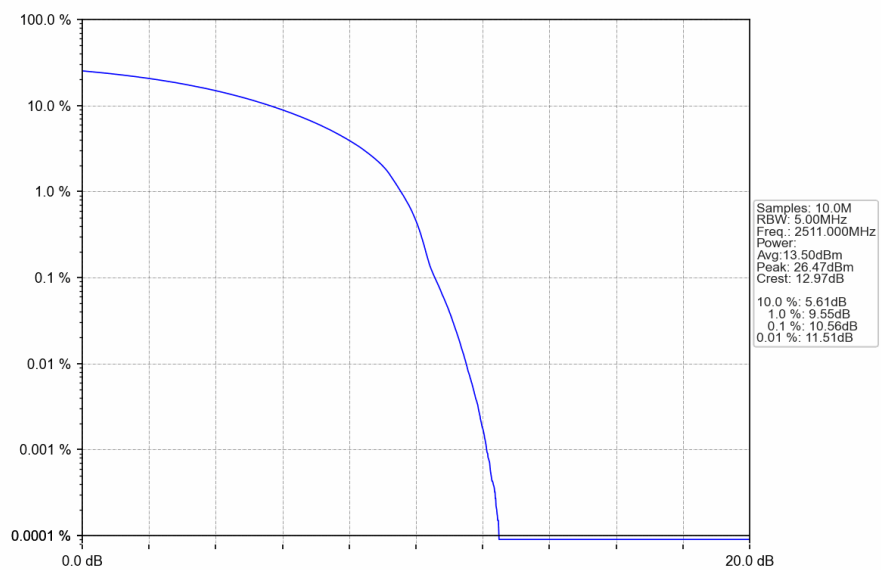
3.2.2 Test Graph



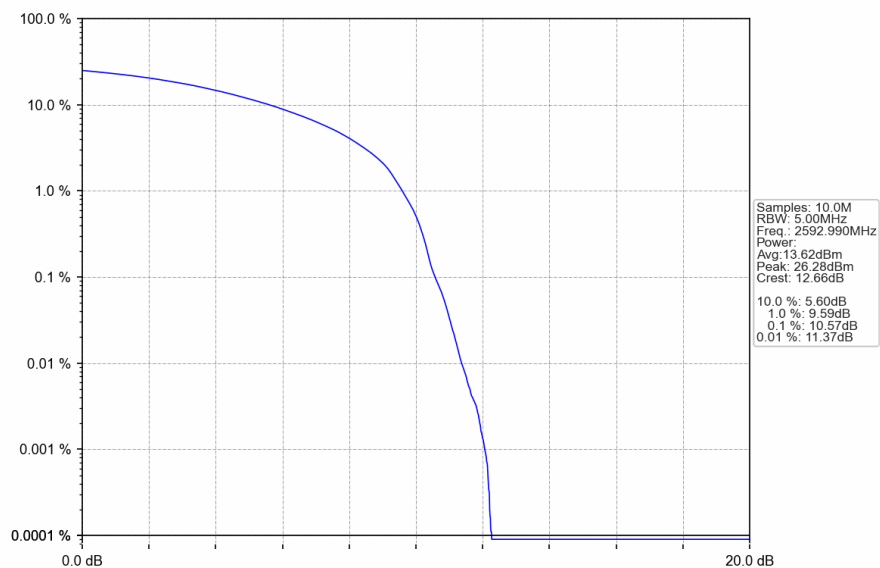
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2674.98MHz_Outer_Full



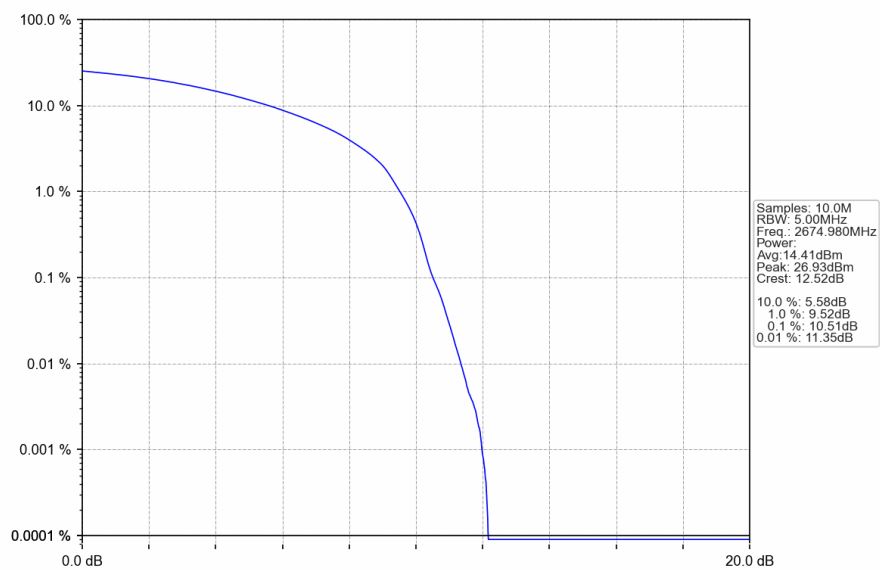
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2511MHz_Outer_Full



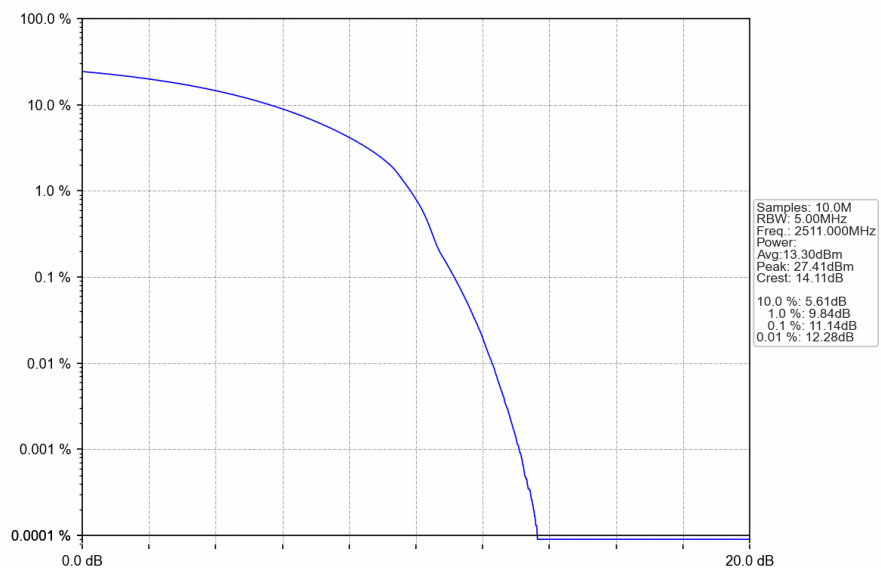
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2592.99MHz_Outer_Full



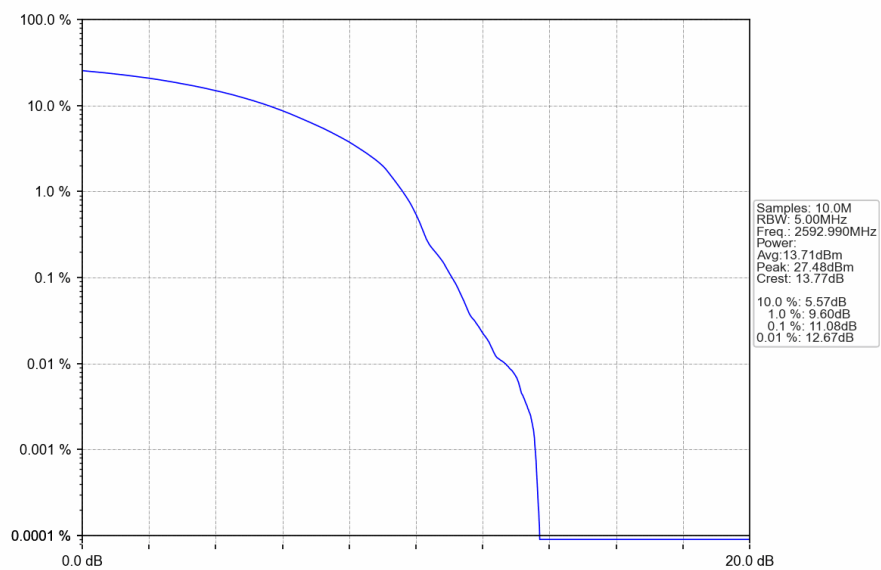
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2674.98MHz_Outer_Full



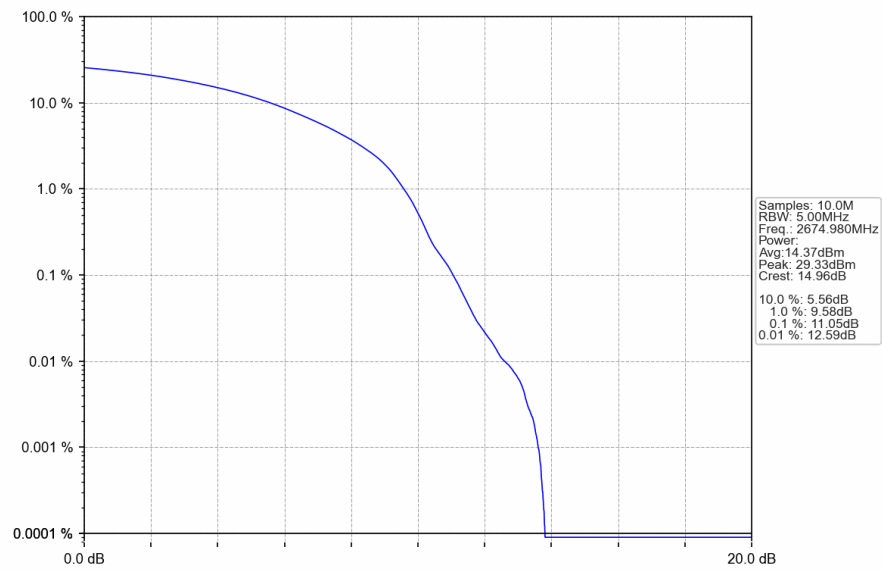
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2511MHz_Outer_Full



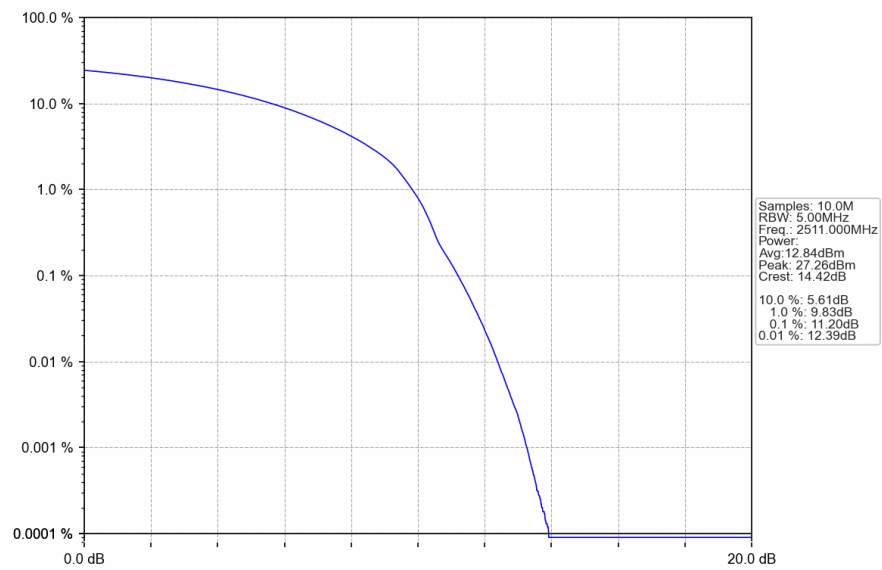
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full



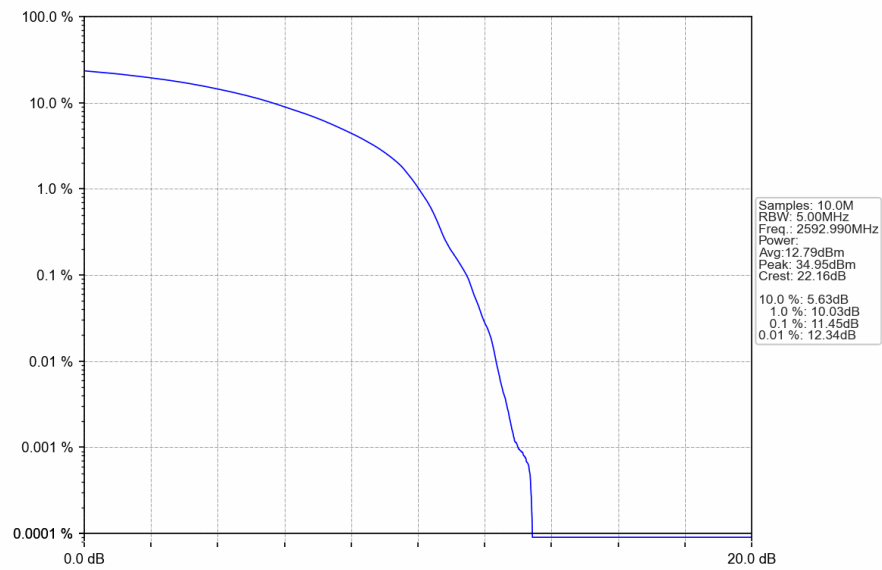
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2674.98MHz_Outer_Full



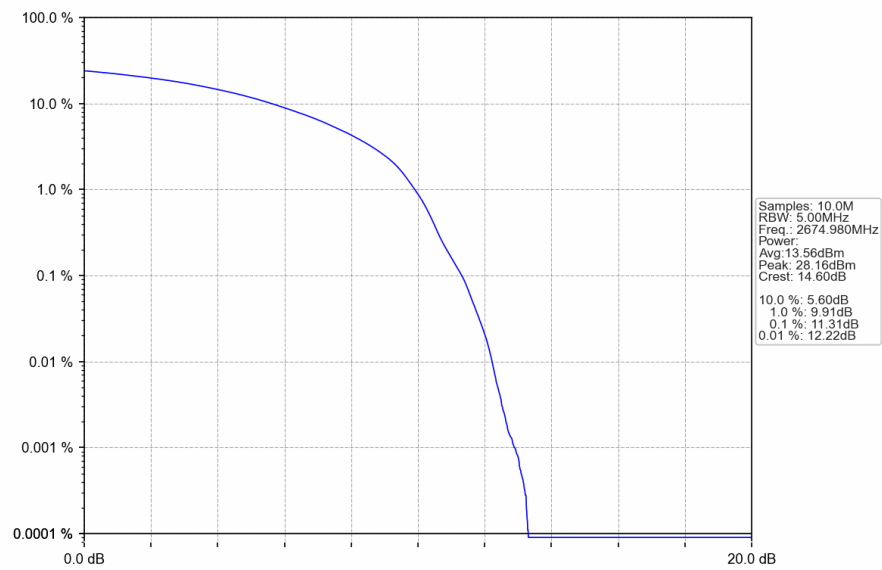
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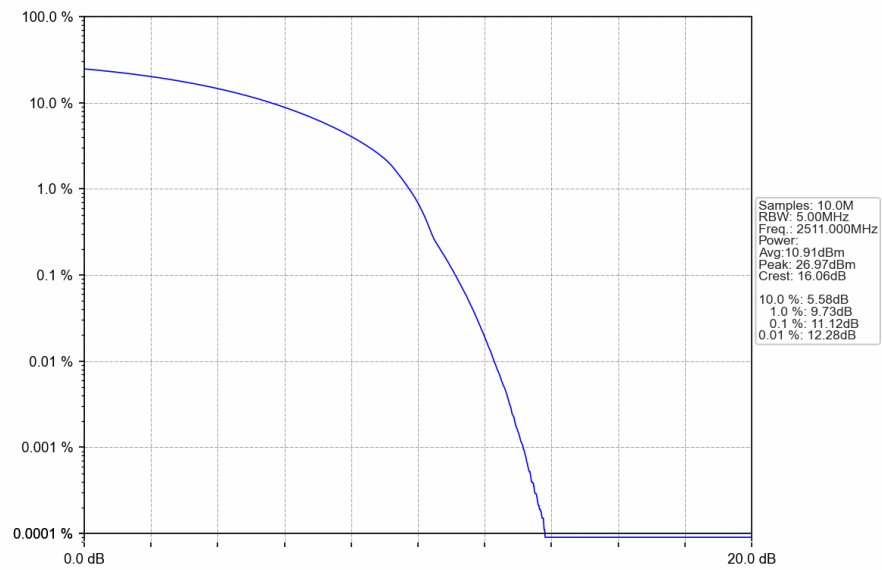
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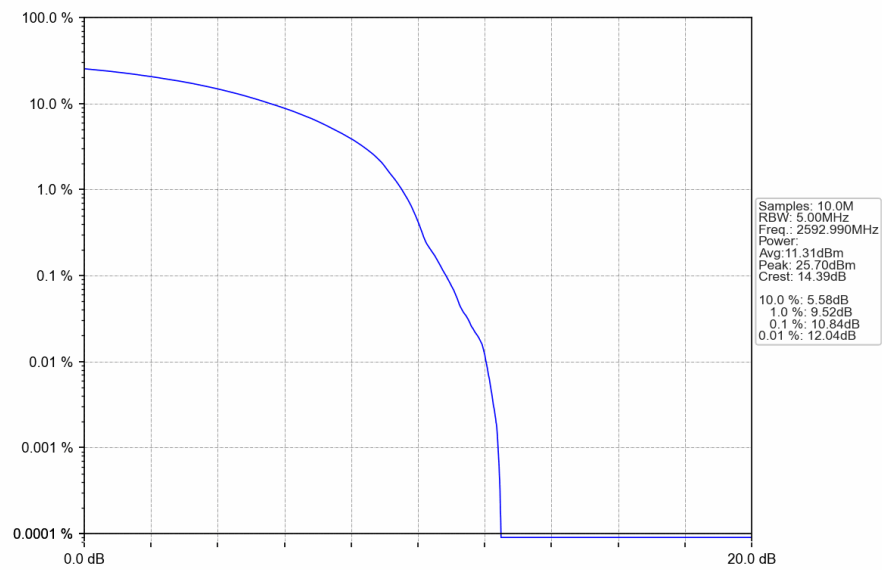
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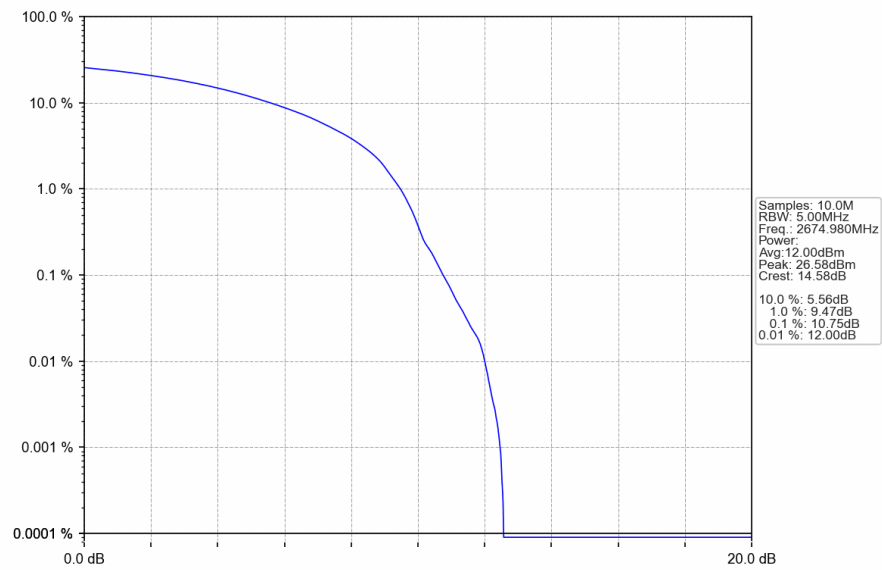
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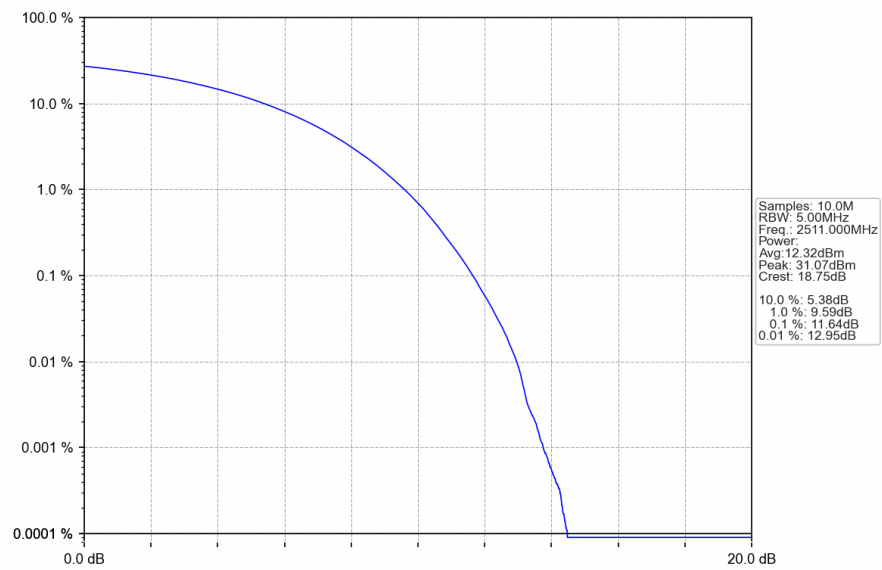
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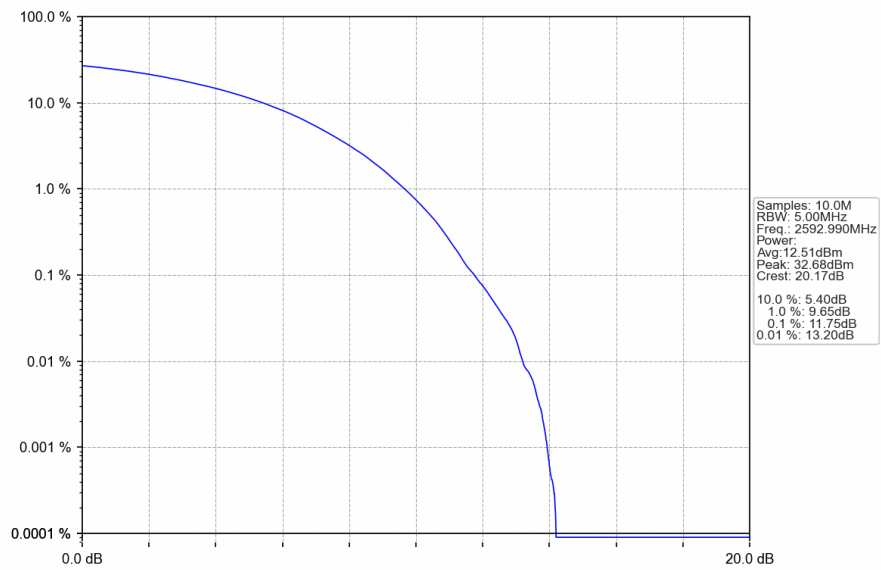
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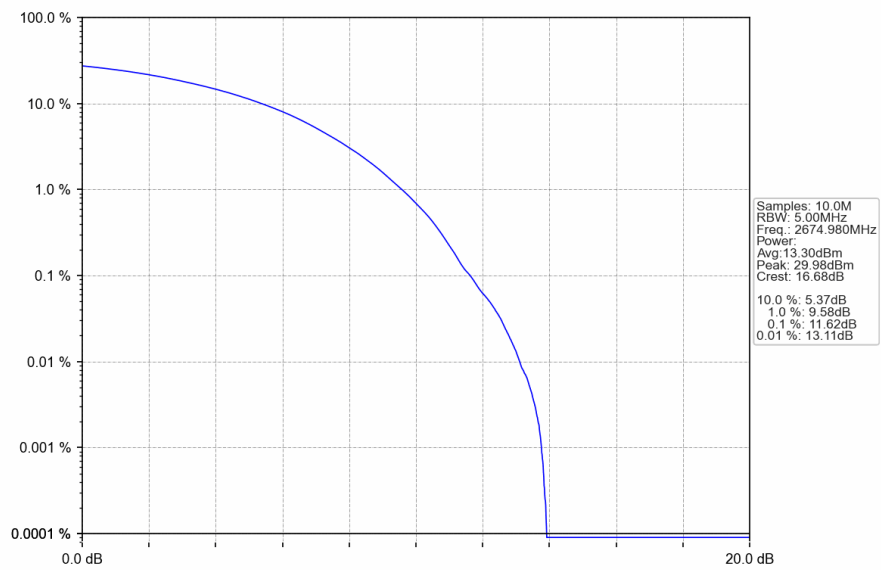
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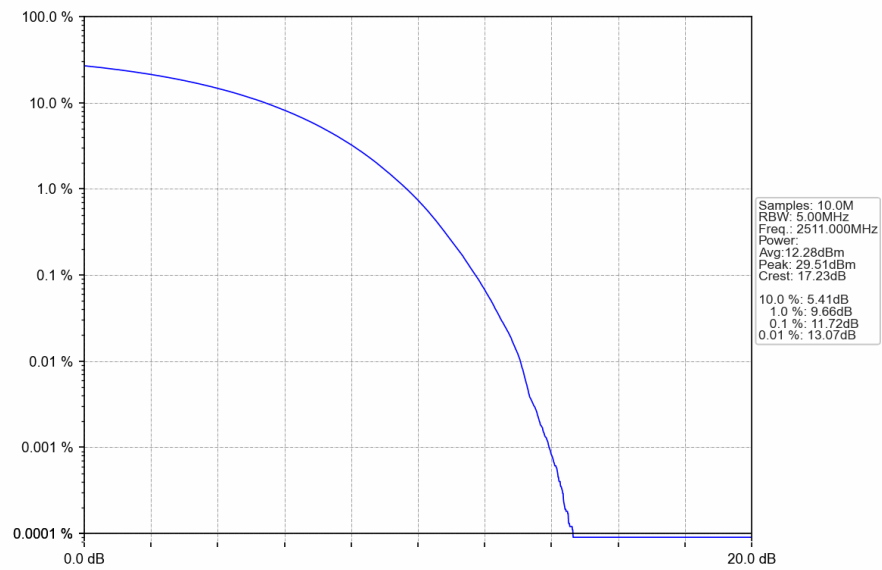
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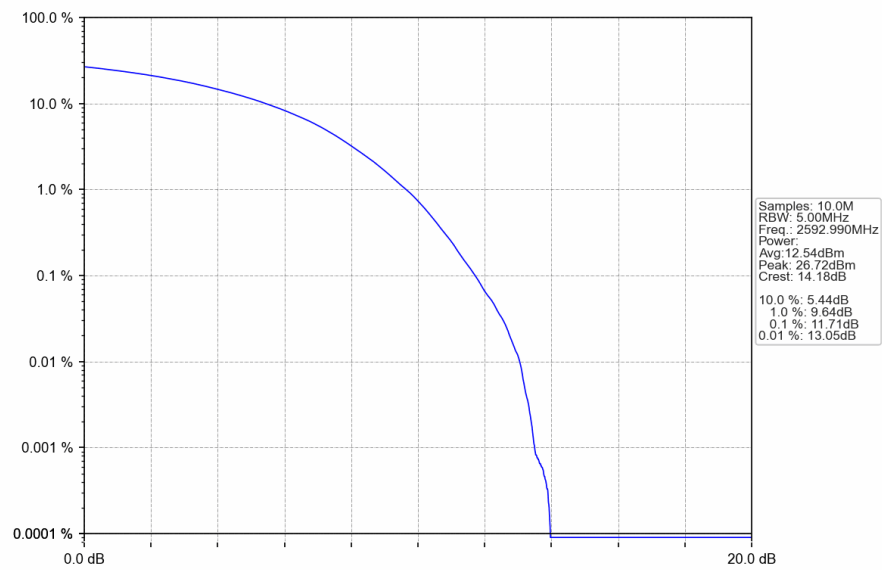
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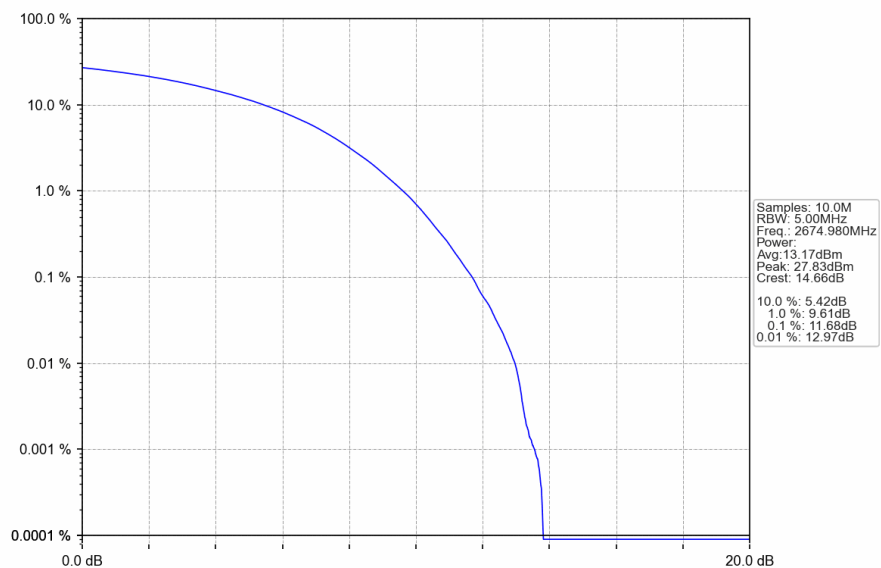
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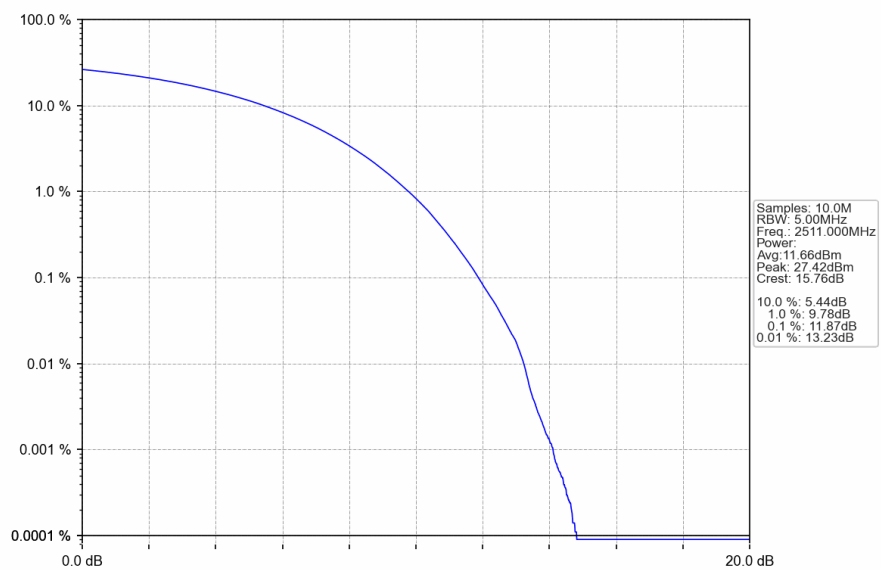
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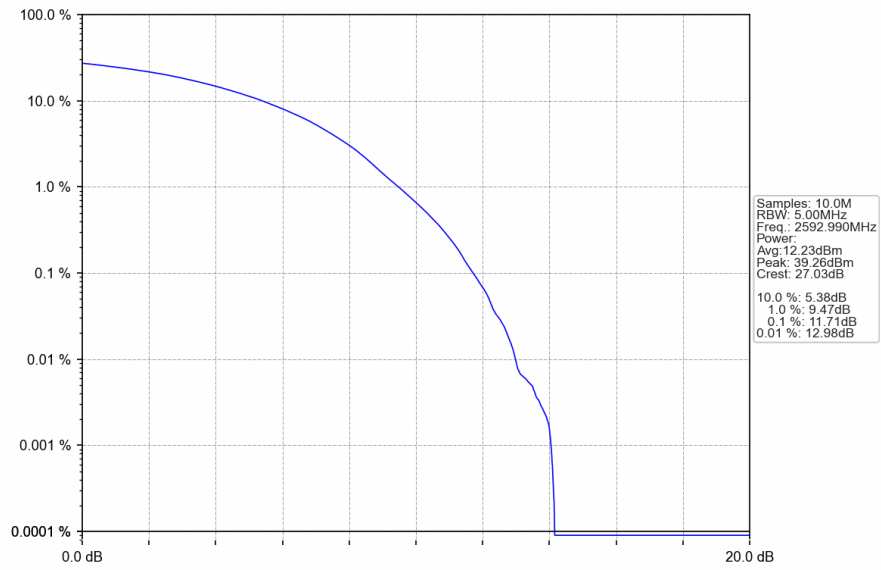
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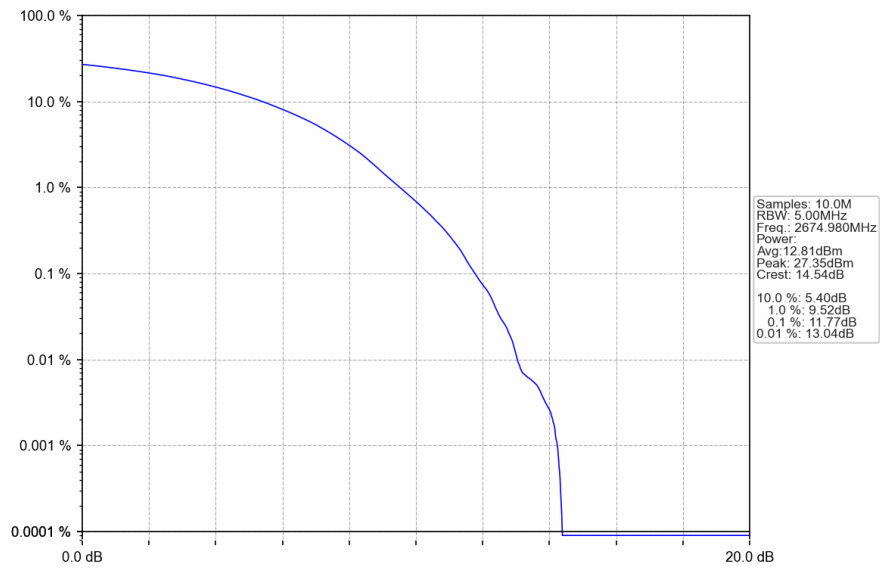
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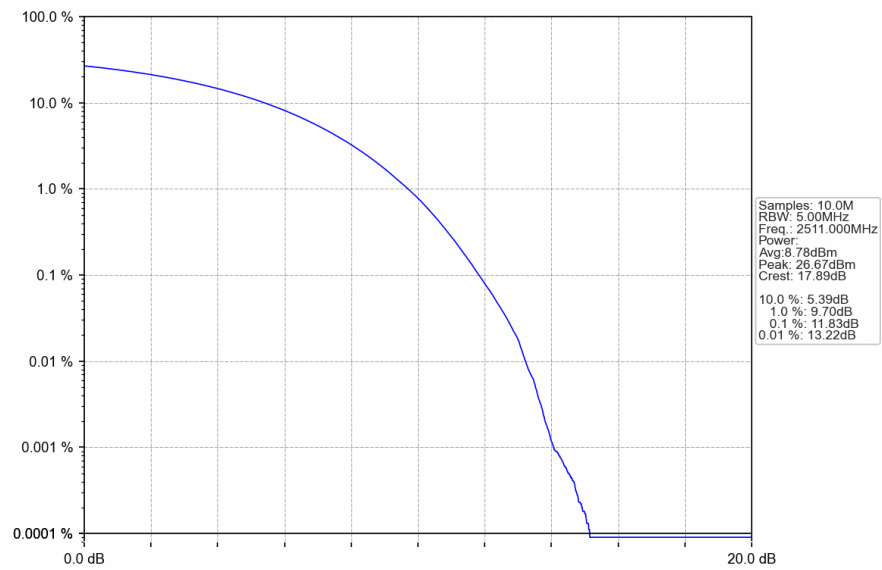
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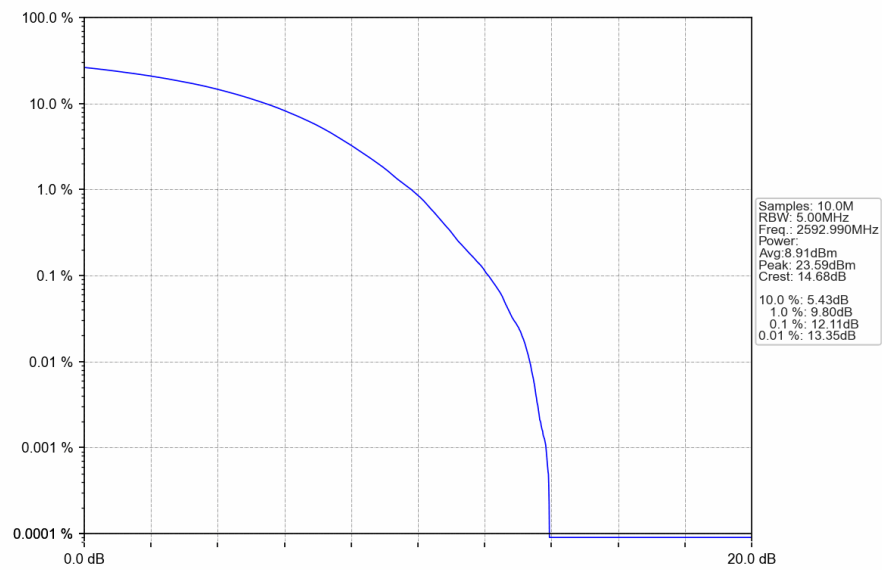
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_2674.98MHz_Outer_Full

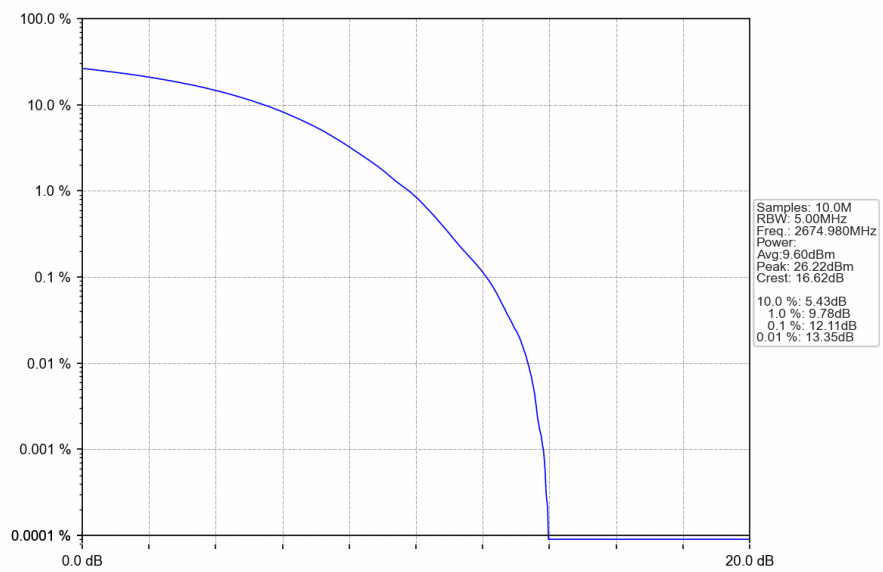


n41_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_2511MHz_Outer_Full



n41_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full



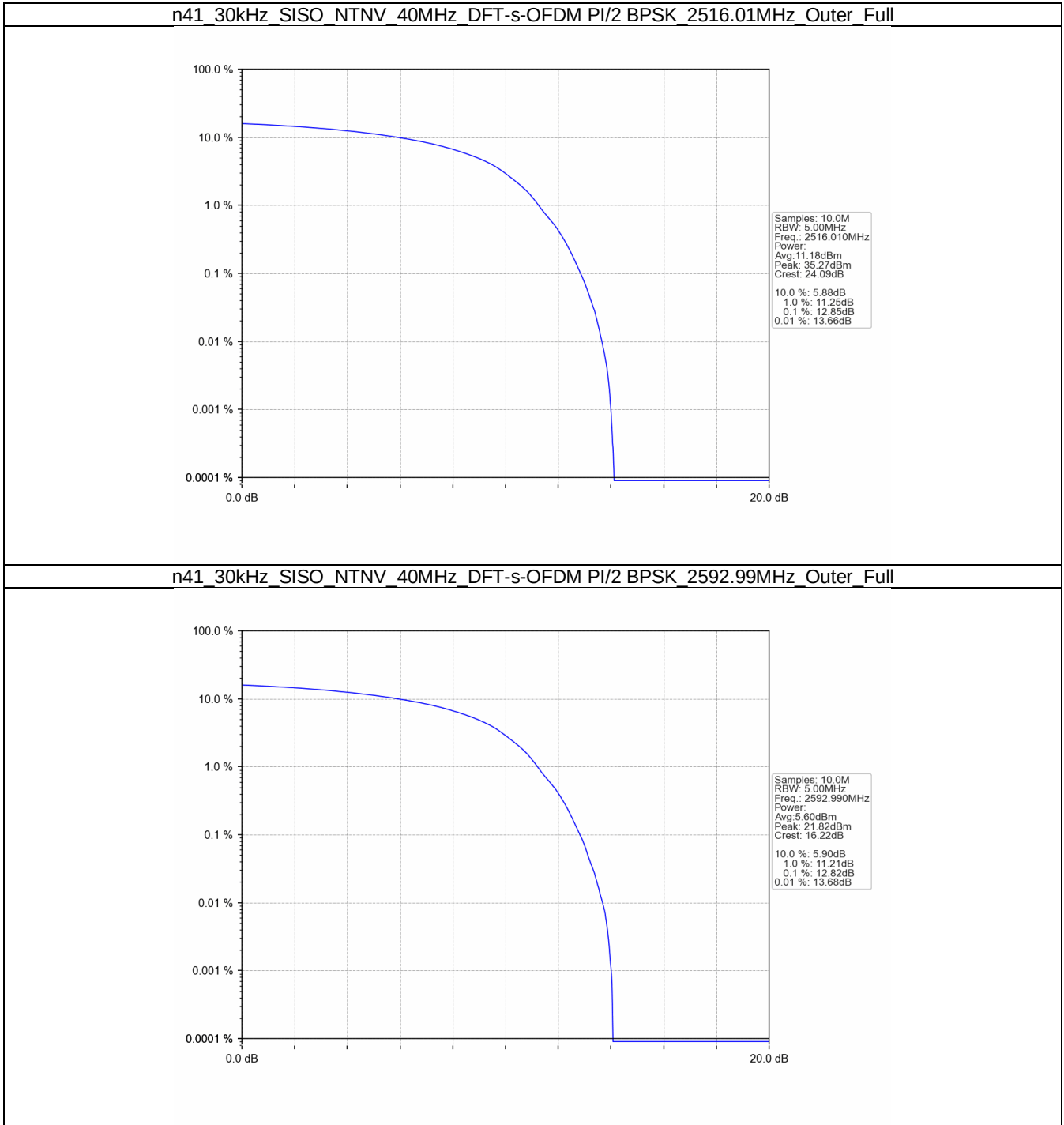


3.3 30k_SISO_40MHz_NTNV

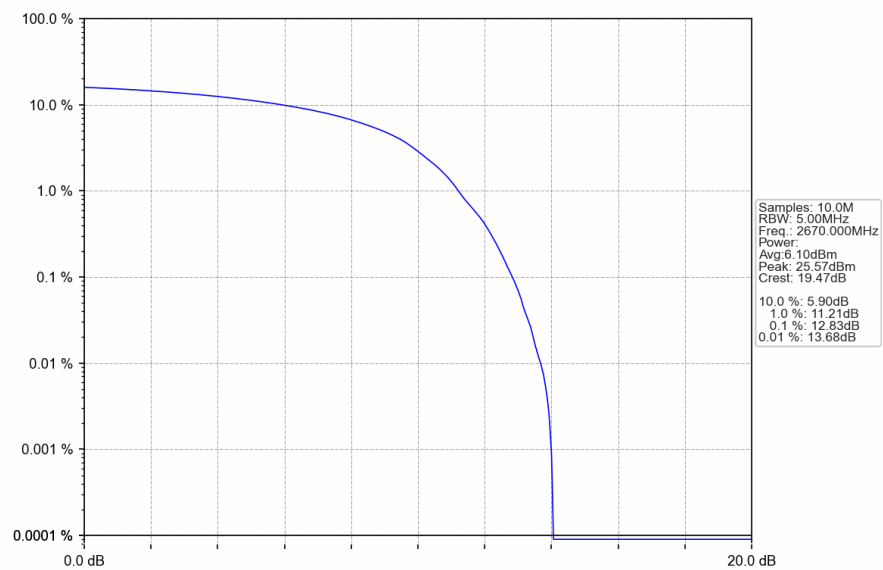
3.3.1 Test Result

5G NR n41 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Outer_Full	12.85	/	/	<=13	Pass
	2592.99	Outer_Full	12.82	/	/	<=13	Pass
	2670	Outer_Full	12.83	/	/	<=13	Pass
DFT-s-OFDM QPSK	2516.01	Outer_Full	10.79	/	/	<=13	Pass
	2592.99	Outer_Full	10.81	/	/	<=13	Pass
	2670	Outer_Full	10.88	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer_Full	10.88	/	/	<=13	Pass
	2592.99	Outer_Full	10.91	/	/	<=13	Pass
	2670	Outer_Full	10.90	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer_Full	11.48	/	/	<=13	Pass
	2592.99	Outer_Full	11.29	/	/	<=13	Pass
	2670	Outer_Full	11.53	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer_Full	10.91	/	/	<=13	Pass
	2592.99	Outer_Full	11.15	/	/	<=13	Pass
	2670	Outer_Full	10.89	/	/	<=13	Pass
CP-OFDM QPSK	2516.01	Outer_Full	11.72	/	/	<=13	Pass
	2592.99	Outer_Full	11.66	/	/	<=13	Pass
	2670	Outer_Full	11.76	/	/	<=13	Pass
CP-OFDM 16 QAM	2516.01	Outer_Full	11.37	/	/	<=13	Pass
	2592.99	Outer_Full	11.52	/	/	<=13	Pass
	2670	Outer_Full	11.43	/	/	<=13	Pass
CP-OFDM 64 QAM	2516.01	Outer_Full	11.64	/	/	<=13	Pass
	2592.99	Outer_Full	11.68	/	/	<=13	Pass
	2670	Outer_Full	11.60	/	/	<=13	Pass
CP-OFDM 256 QAM	2516.01	Outer_Full	11.48	/	/	<=13	Pass
	2592.99	Outer_Full	11.64	/	/	<=13	Pass
	2670	Outer_Full	11.52	/	/	<=13	Pass

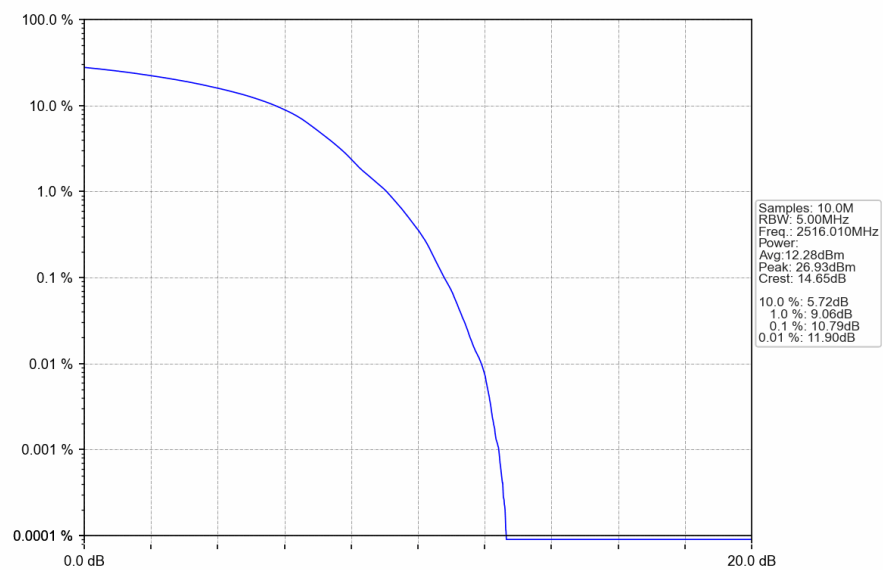
3.3.2 Test Graph



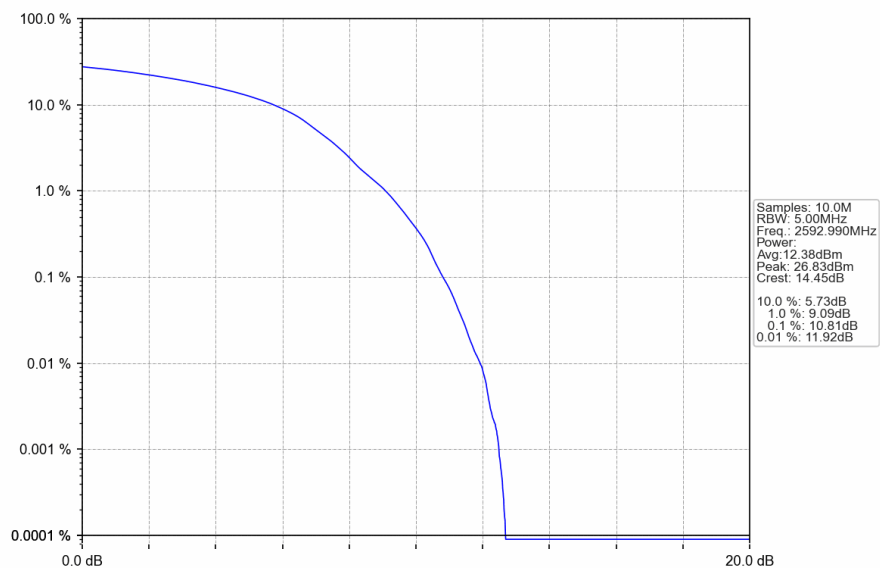
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2670MHz_Outer_Full



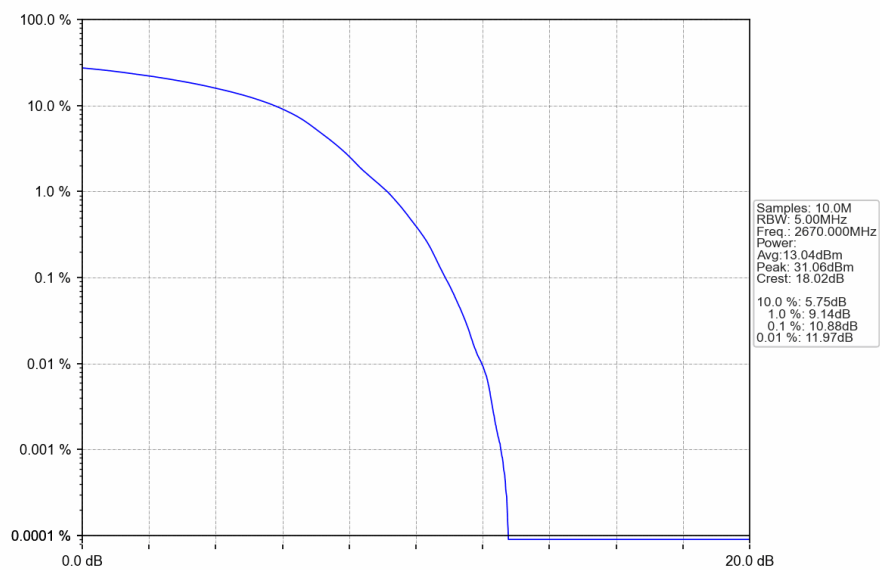
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2516.01MHz_Outer_Full



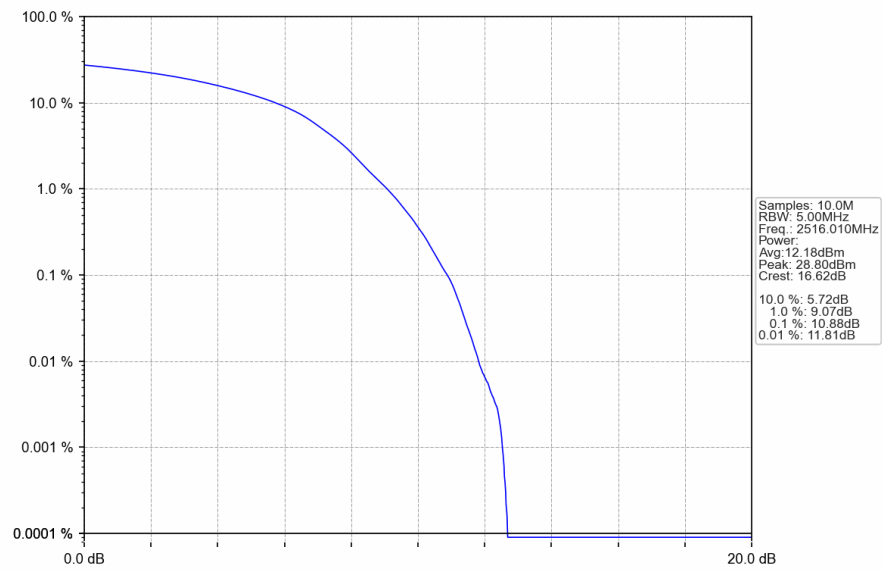
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2592.99MHz_Outer_Full



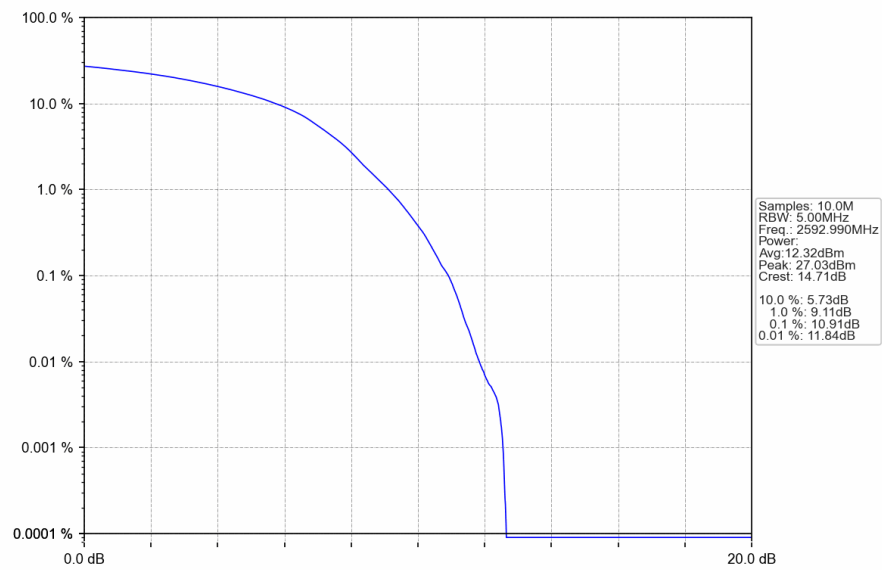
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2670MHz_Outer_Full



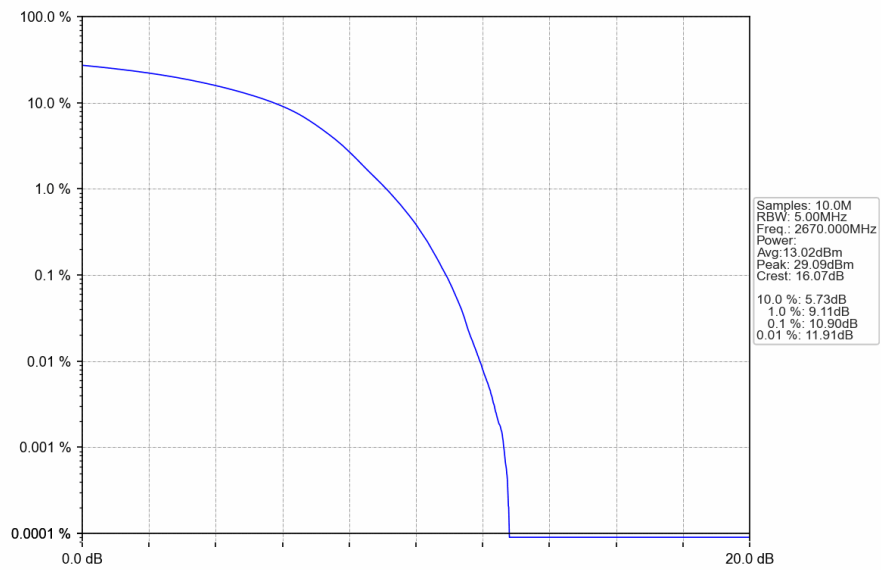
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_2516.01MHz_Outer_Full



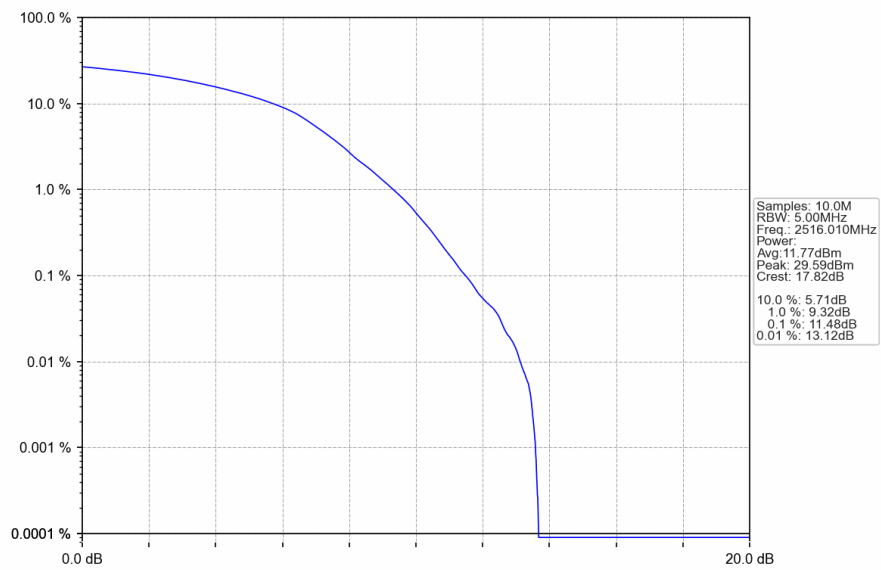
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full



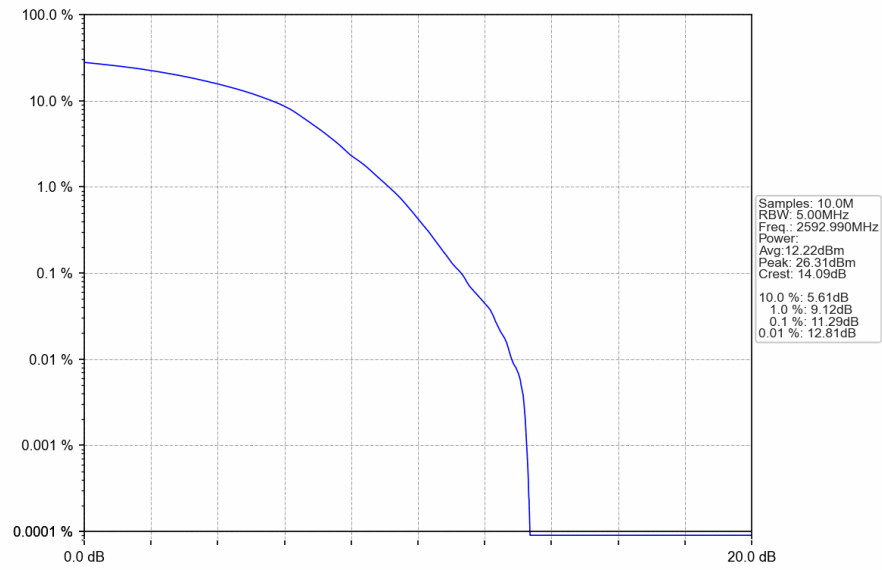
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_2670MHz_Outer_Full



n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_2516.01MHz_Outer_Full



n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_2670MHz_Outer_Full

