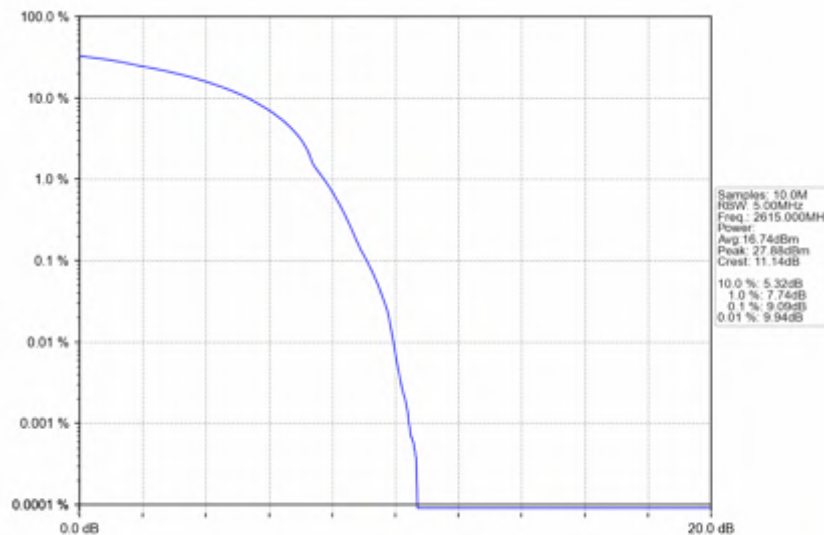
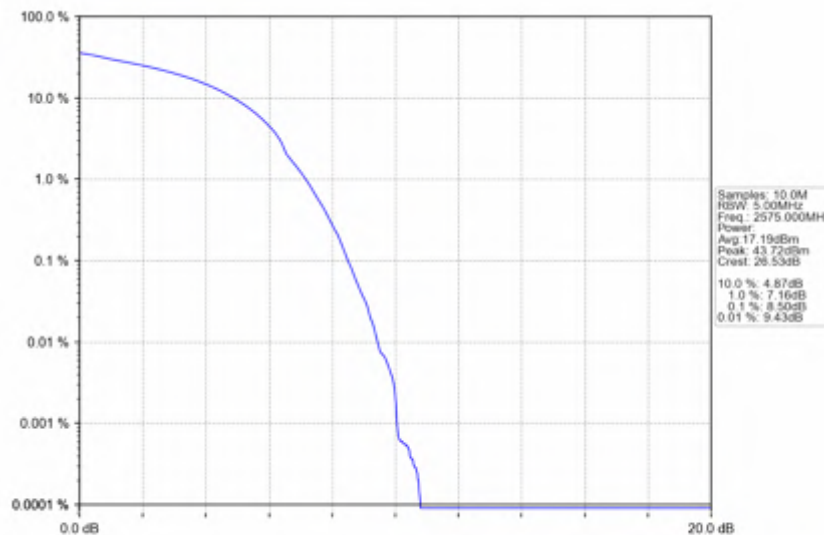


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2615MHz_Outer_Full



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2575MHz_Outer_Full



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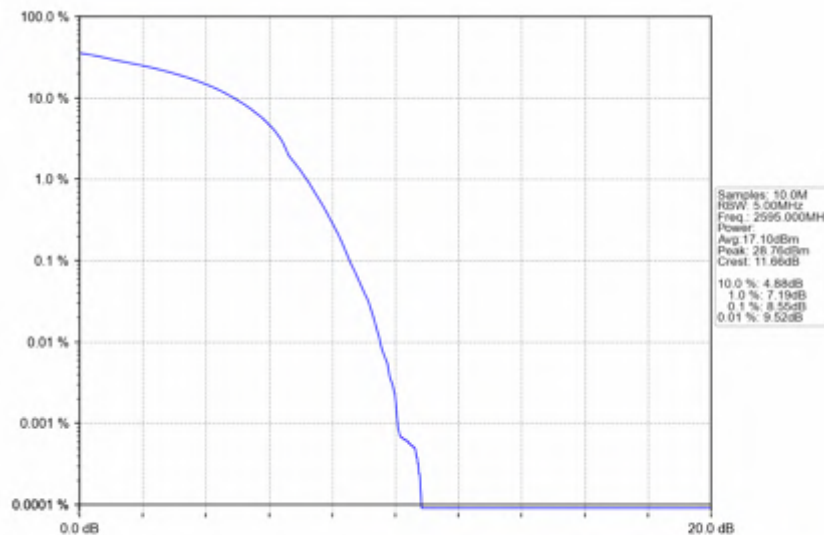
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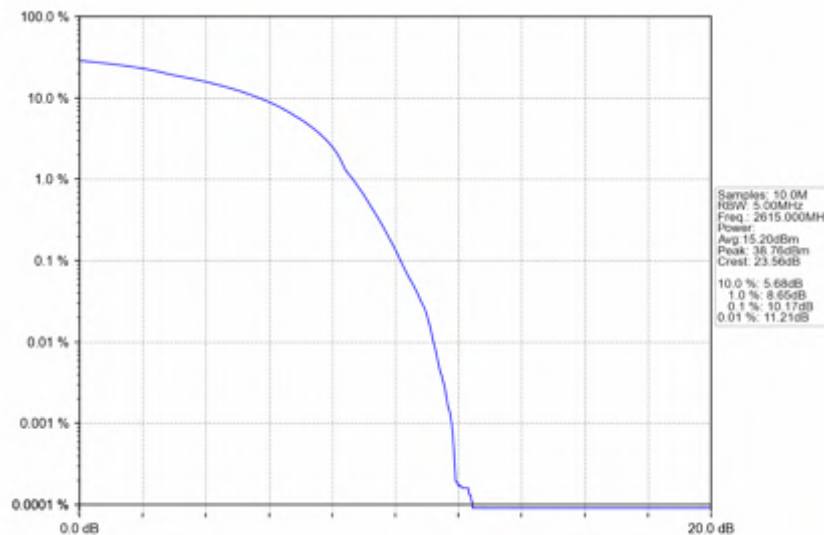
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n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2595MHz_Outer_Full



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2615MHz_Outer_Full

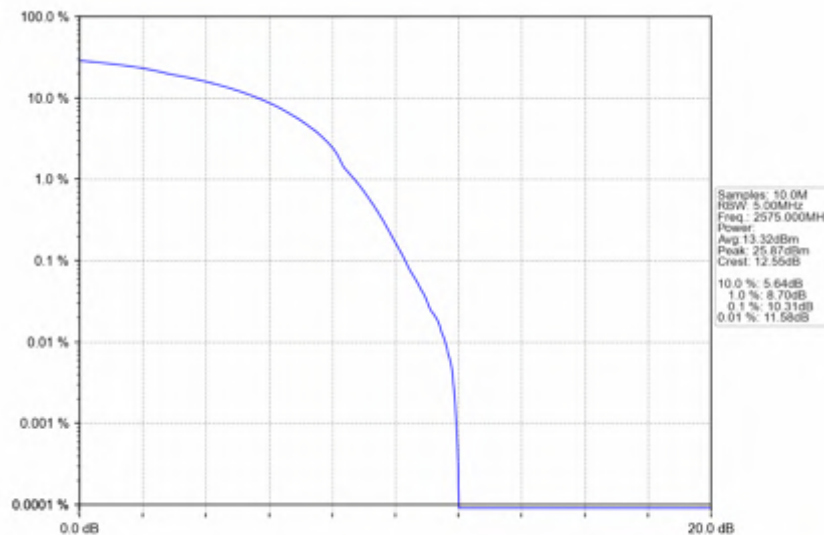


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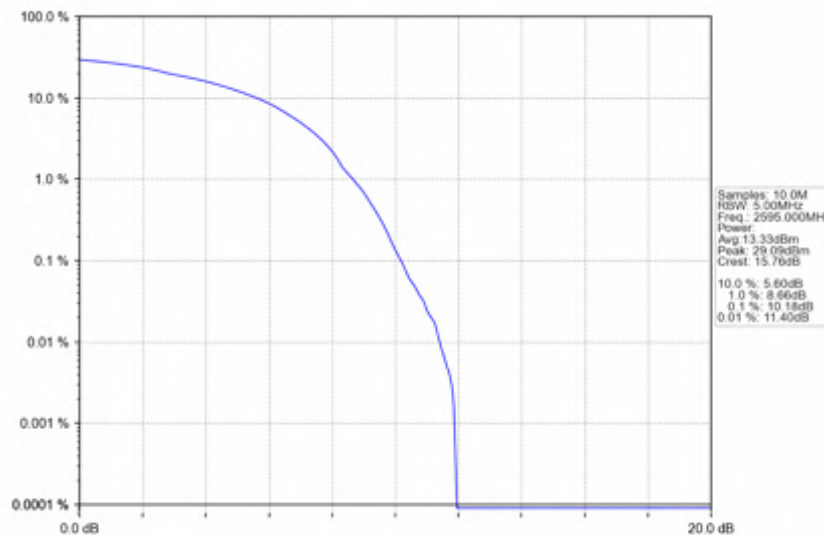
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n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2575MHz_Outer_Full



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2595MHz_Outer_Full

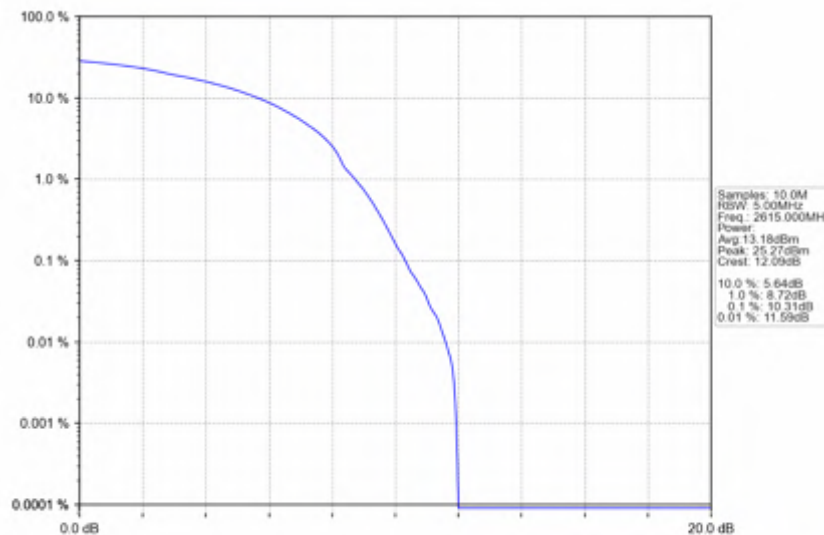


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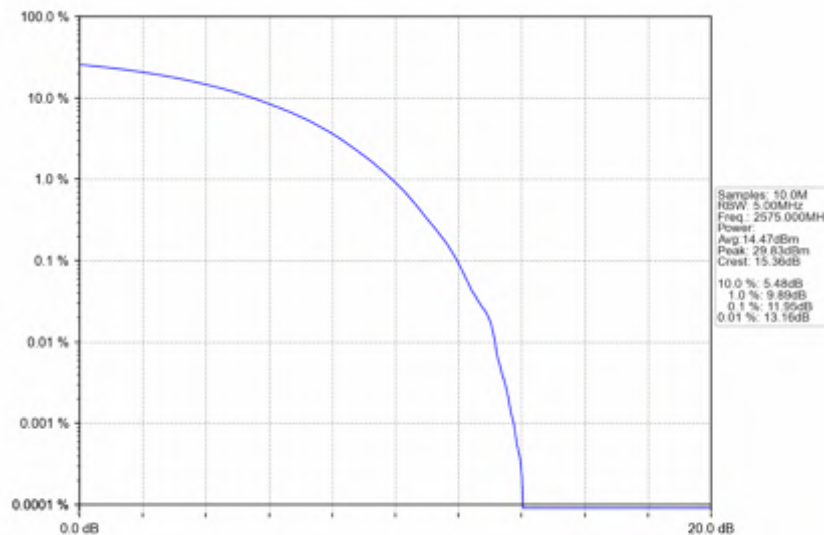
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n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_2615MHz_Outer_Full



n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2575MHz_Outer_Full

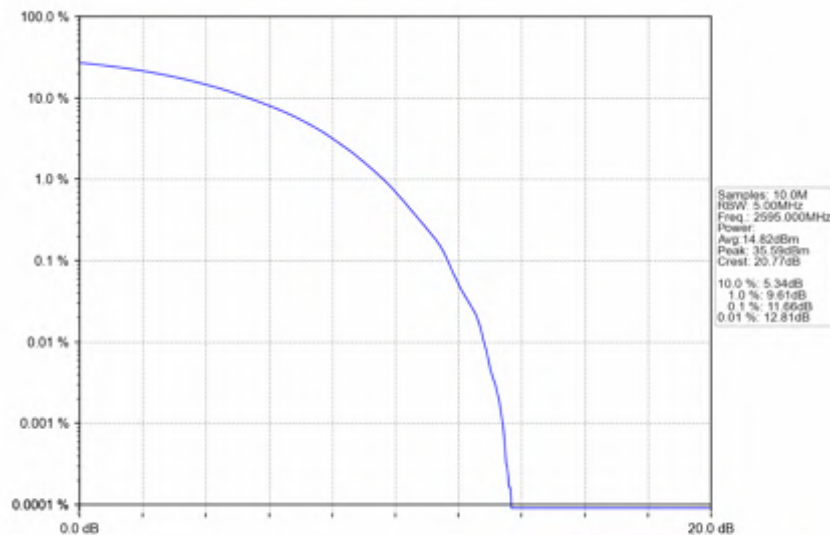


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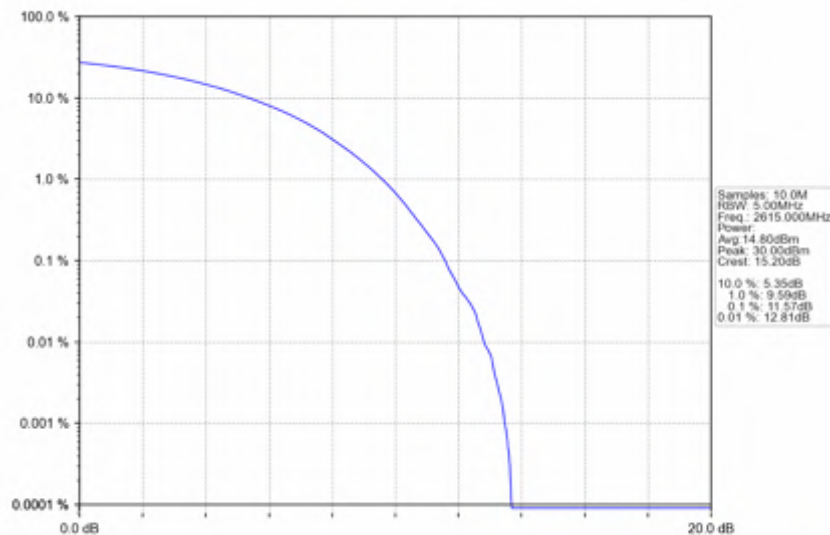
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n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2595MHz_Outer_Full



n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Outer_Full

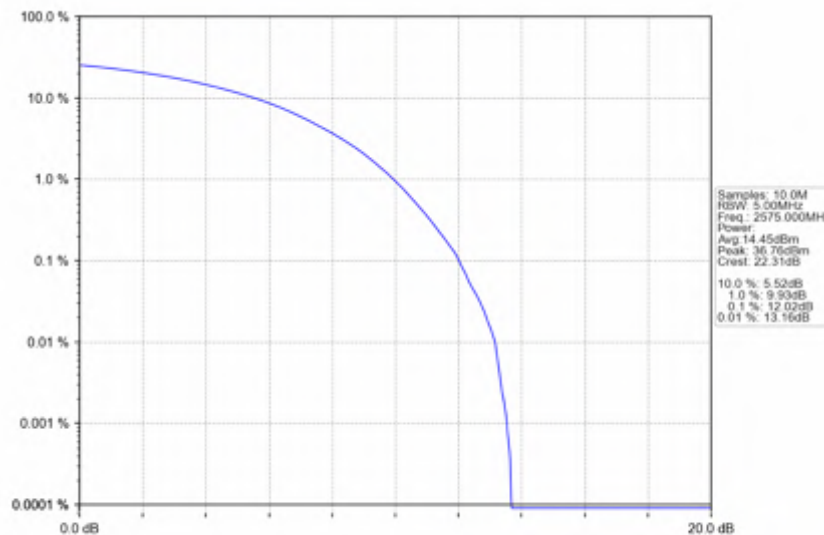


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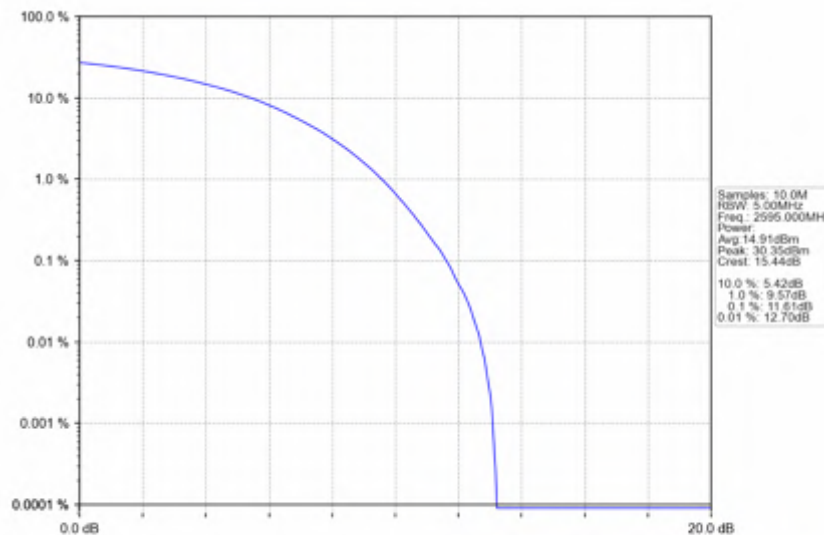
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n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2575MHz_Outer_Full



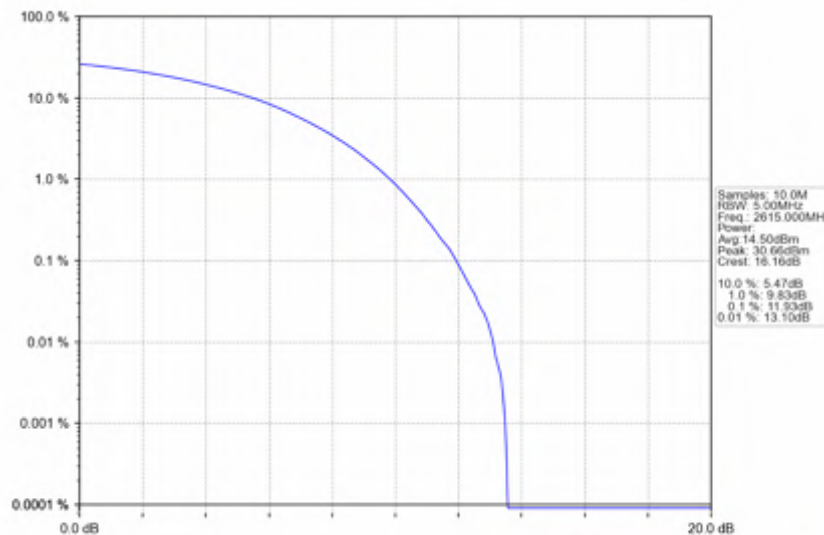
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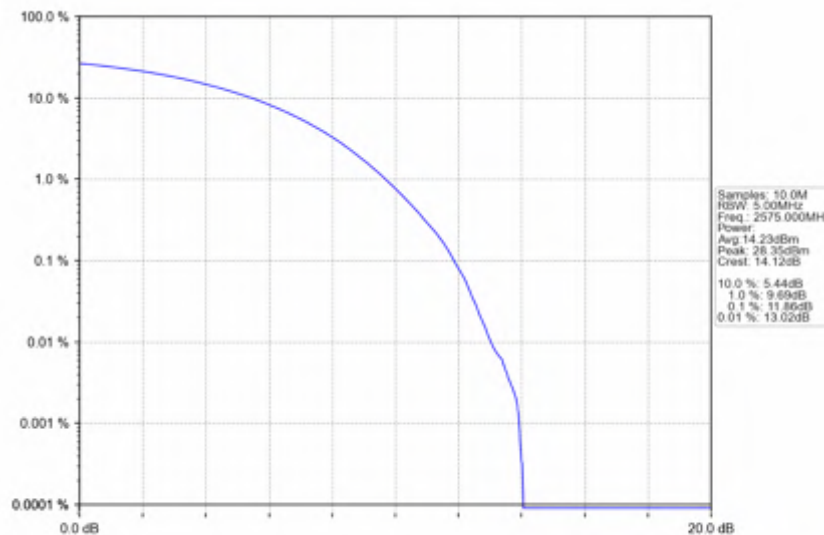
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n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2615MHz_Outer_Full



n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2575MHz_Outer_Full



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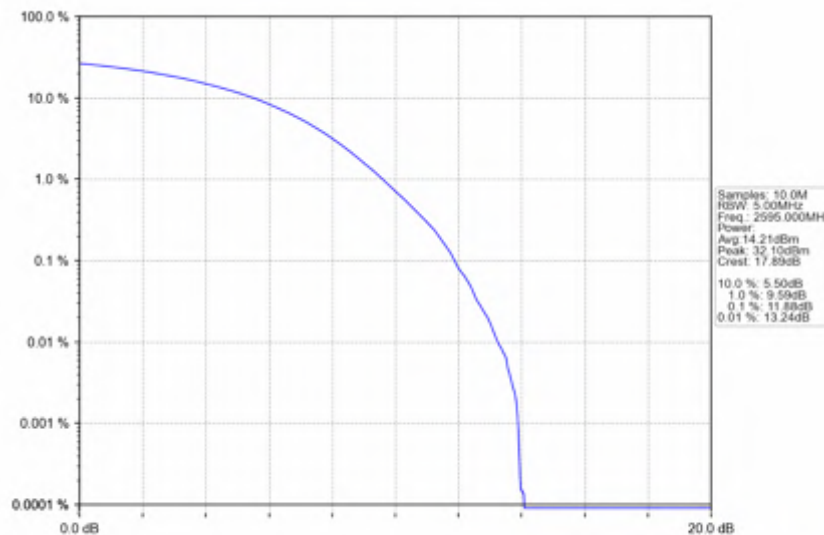
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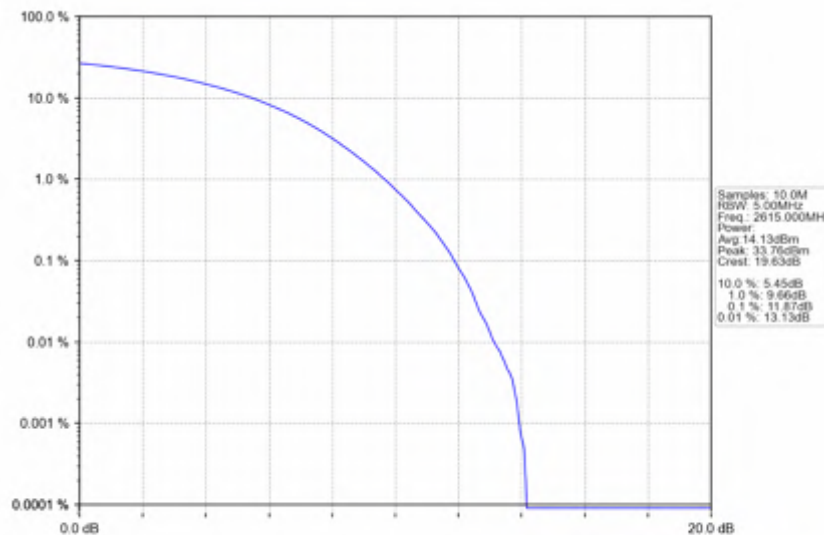
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n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2615MHz_Outer_Full

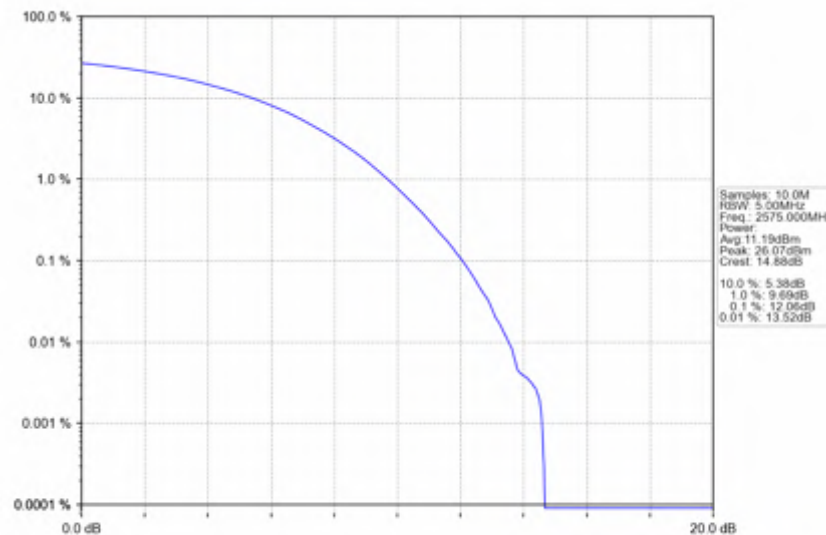


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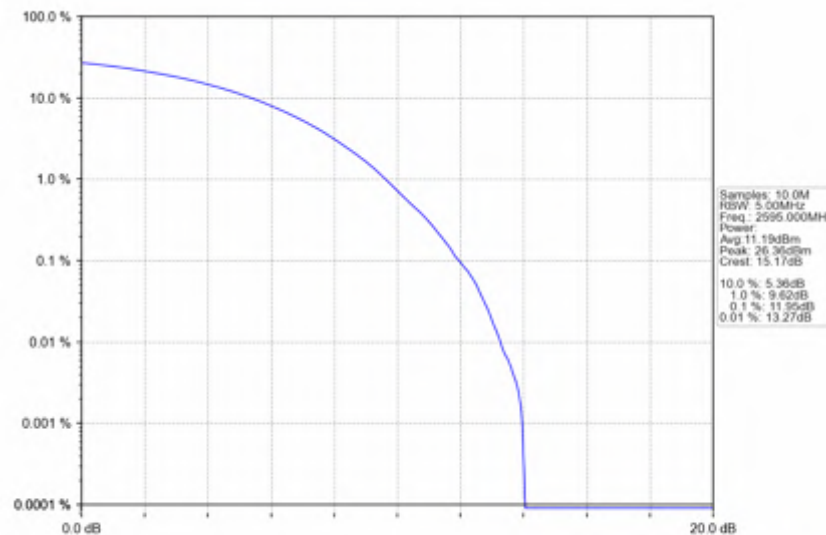
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n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2575MHz_Outer_Full



n38	30kHz	SISO	NTNV	10MHz	CP-OFDM	256 QAM	2595MHz	Outer	Full
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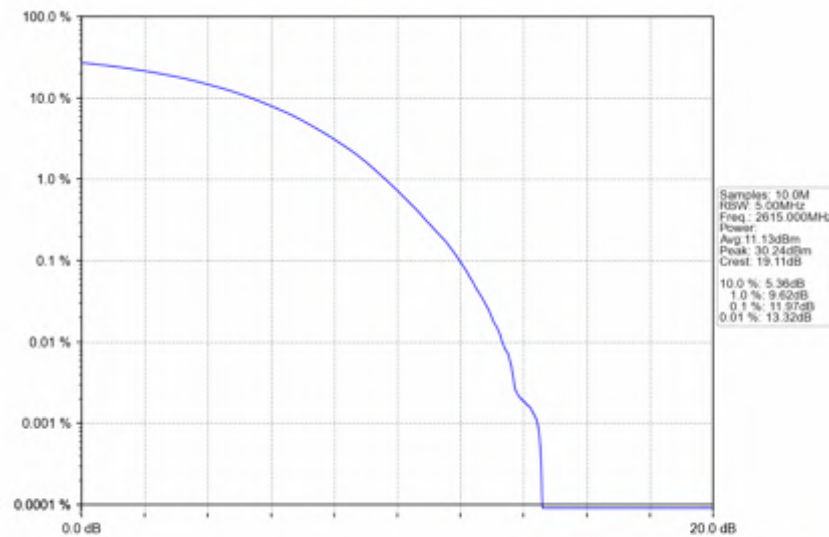


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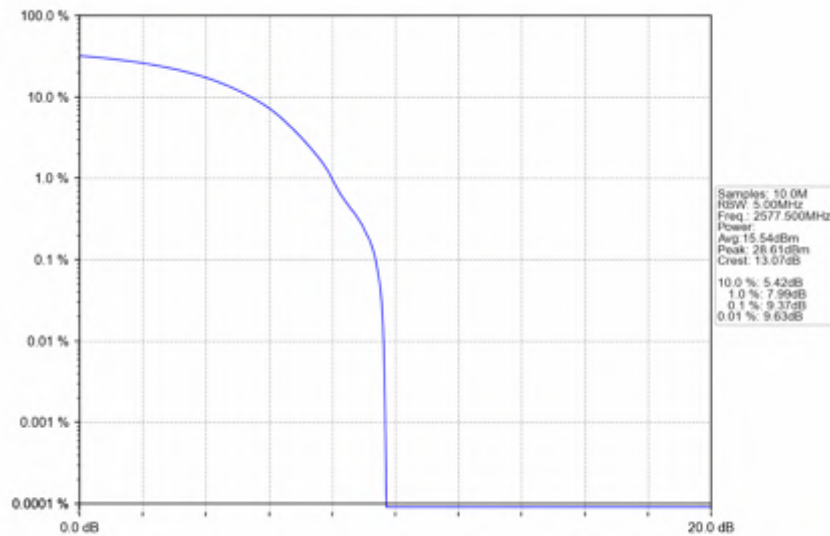
5.9 30k_SISO_15MHz_NTNV

5.9.1 Test Result

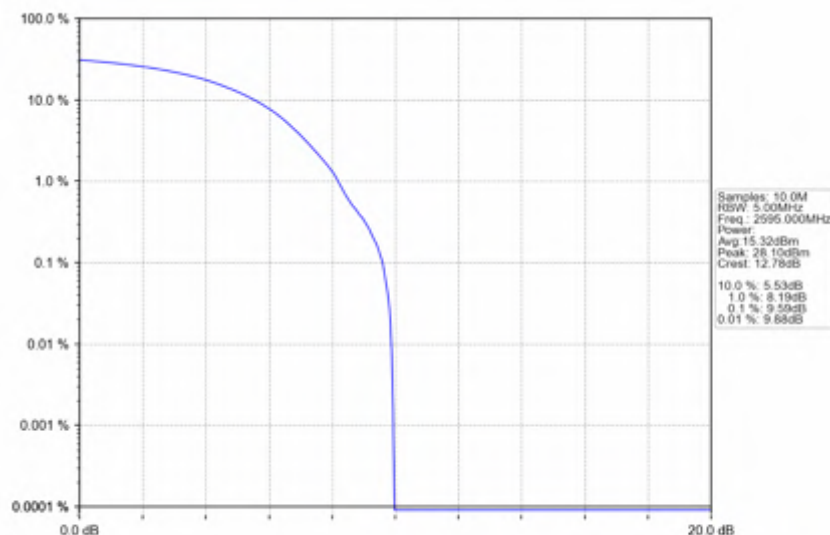
5G NR n38 SCS=30kHz SISO 15MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2577.5	Outer_Full	9.37	/	/	<=13	Pass
	2595	Outer_Full	9.59	/	/	<=13	Pass
	2612.5	Outer_Full	9.53	/	/	<=13	Pass
DFT-s-OFDM QPSK	2577.5	Outer_Full	9.58	/	/	<=13	Pass
	2595	Outer_Full	9.60	/	/	<=13	Pass
	2612.5	Outer_Full	9.81	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2577.5	Outer_Full	9.19	/	/	<=13	Pass
	2595	Outer_Full	9.14	/	/	<=13	Pass
	2612.5	Outer_Full	9.25	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2577.5	Outer_Full	9.58	/	/	<=13	Pass
	2595	Outer_Full	9.40	/	/	<=13	Pass
	2612.5	Outer_Full	9.86	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2577.5	Outer_Full	10.47	/	/	<=13	Pass
	2595	Outer_Full	10.46	/	/	<=13	Pass
	2612.5	Outer_Full	10.56	/	/	<=13	Pass
CP-OFDM QPSK	2577.5	Outer_Full	11.48	/	/	<=13	Pass
	2595	Outer_Full	11.77	/	/	<=13	Pass
	2612.5	Outer_Full	11.65	/	/	<=13	Pass
CP-OFDM 16 QAM	2577.5	Outer_Full	11.45	/	/	<=13	Pass
	2595	Outer_Full	11.67	/	/	<=13	Pass
	2612.5	Outer_Full	11.53	/	/	<=13	Pass
CP-OFDM 64 QAM	2577.5	Outer_Full	11.87	/	/	<=13	Pass
	2595	Outer_Full	11.74	/	/	<=13	Pass
	2612.5	Outer_Full	11.68	/	/	<=13	Pass
CP-OFDM 256 QAM	2577.5	Outer_Full	11.90	/	/	<=13	Pass
	2595	Outer_Full	11.69	/	/	<=13	Pass
	2612.5	Outer_Full	11.72	/	/	<=13	Pass

5.9.2 Test Graph

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2577.5MHz_Outer_Full



n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Outer_Full



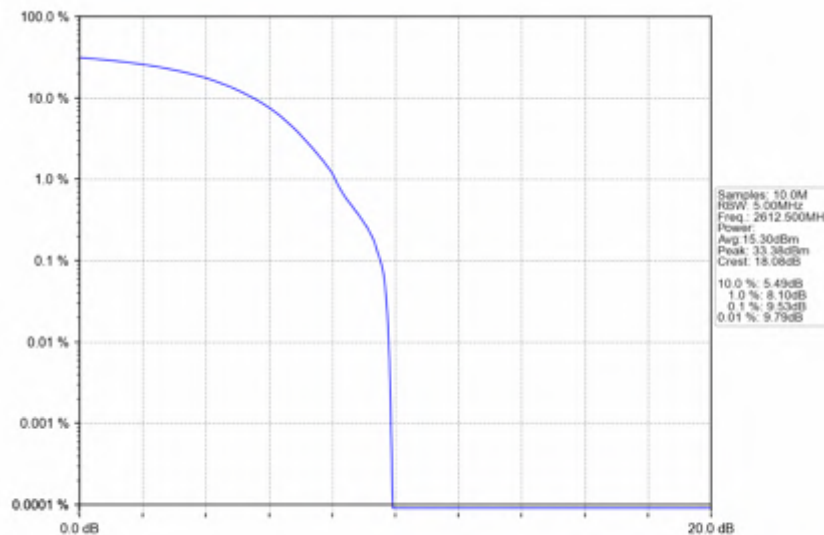
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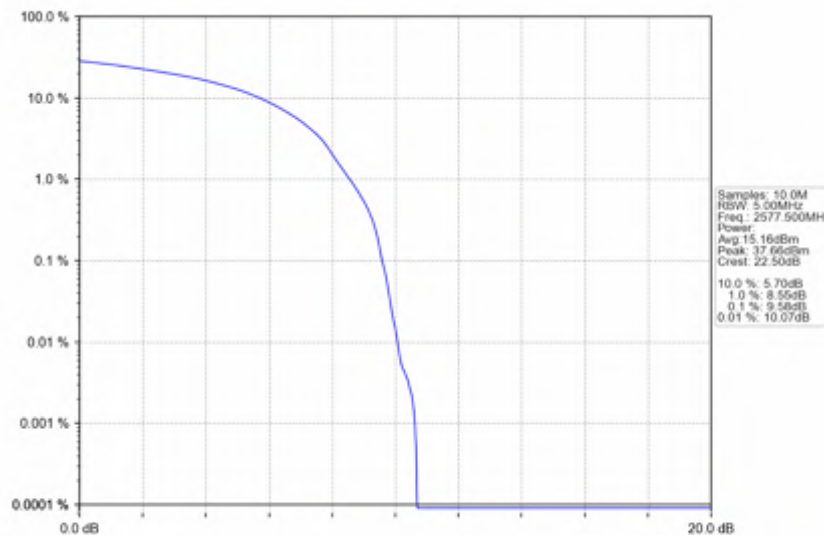
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n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2577.5MHz_Outer_Full

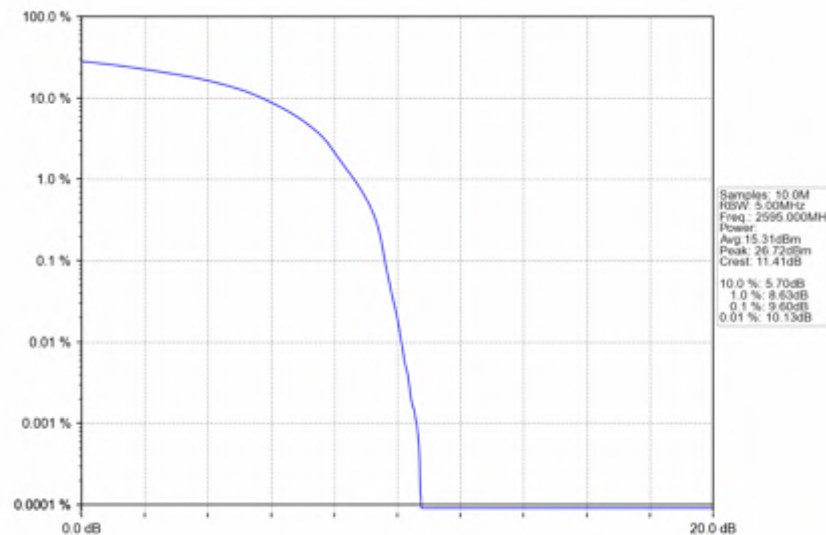


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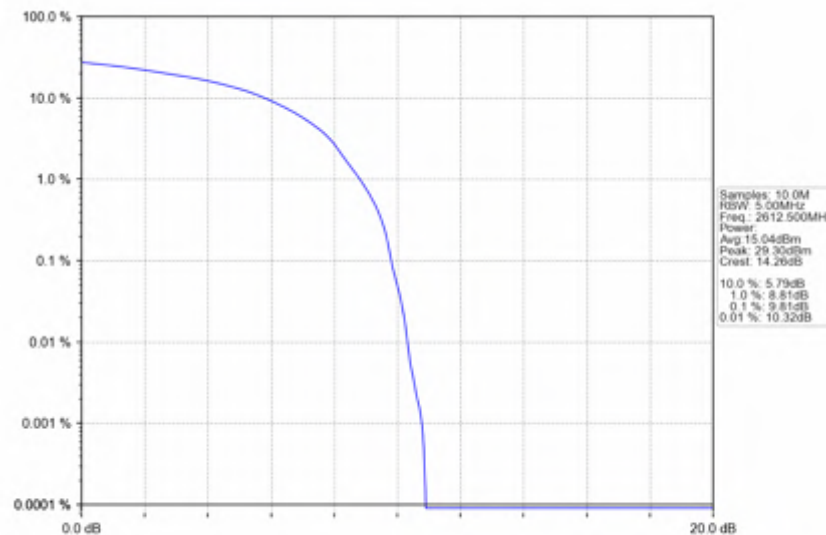
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n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full



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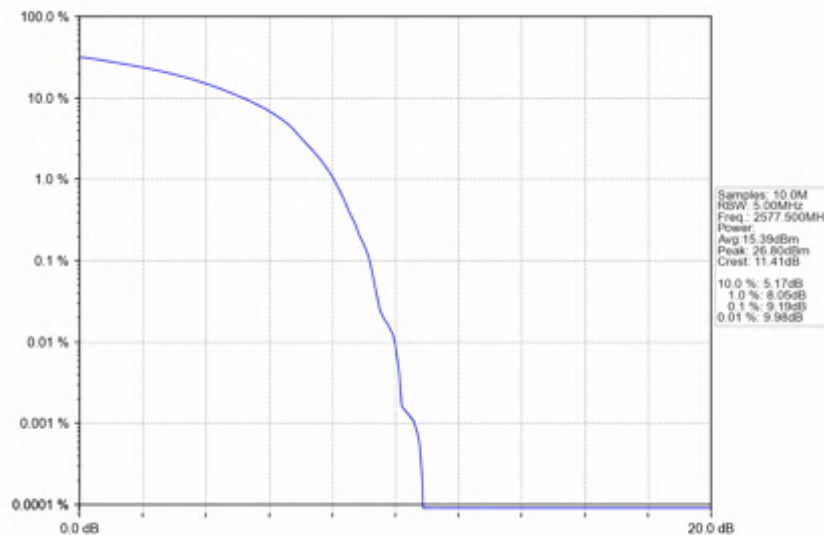


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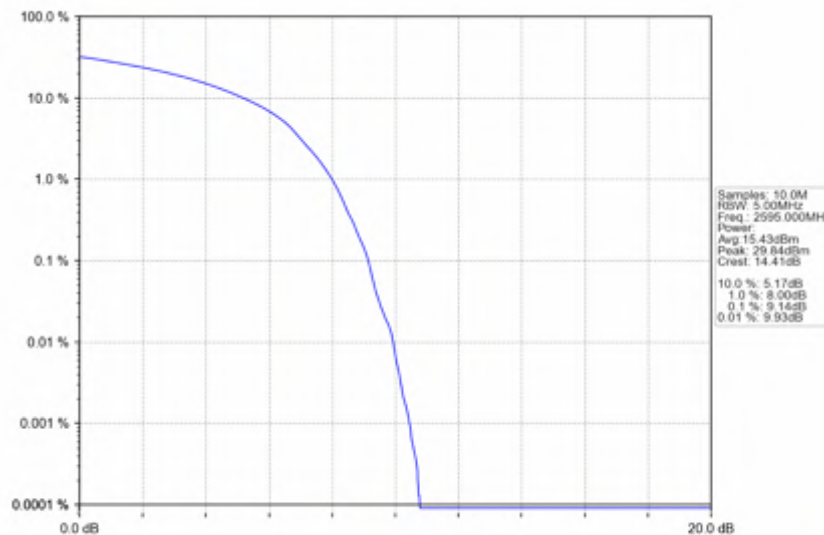
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n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_2577.5MHz_Outer_Full



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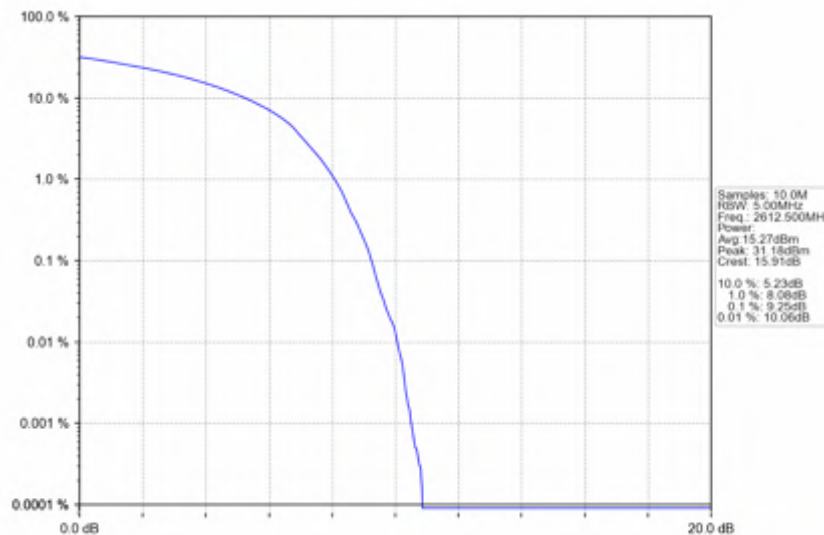
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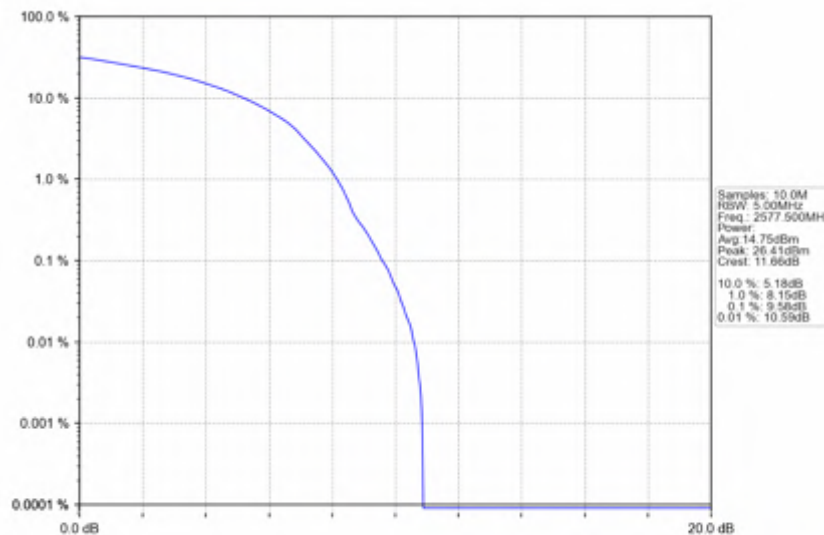
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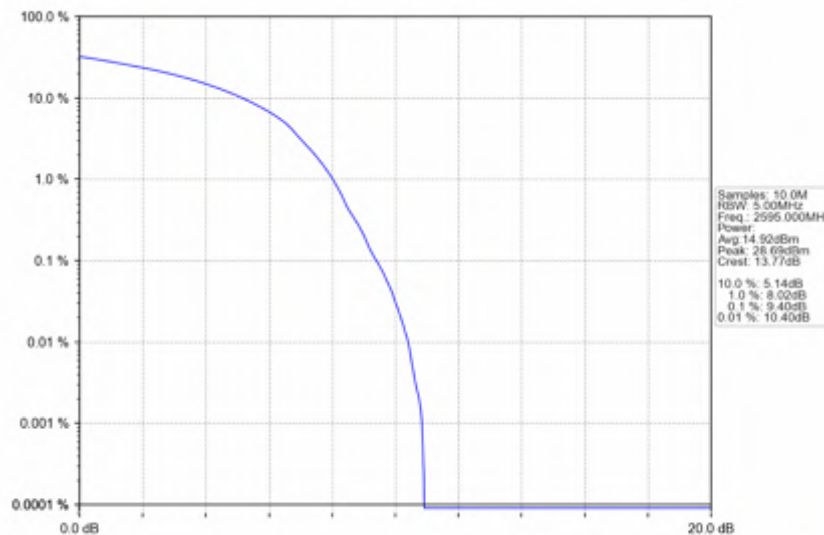


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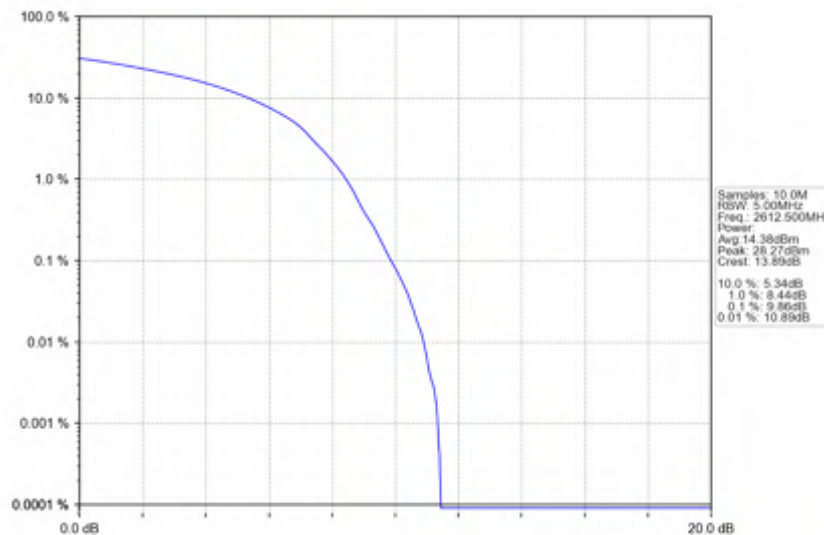
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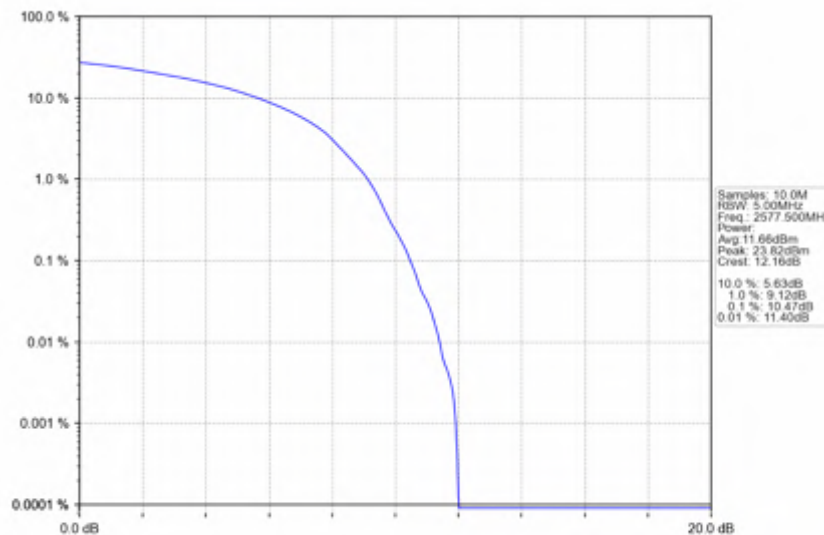
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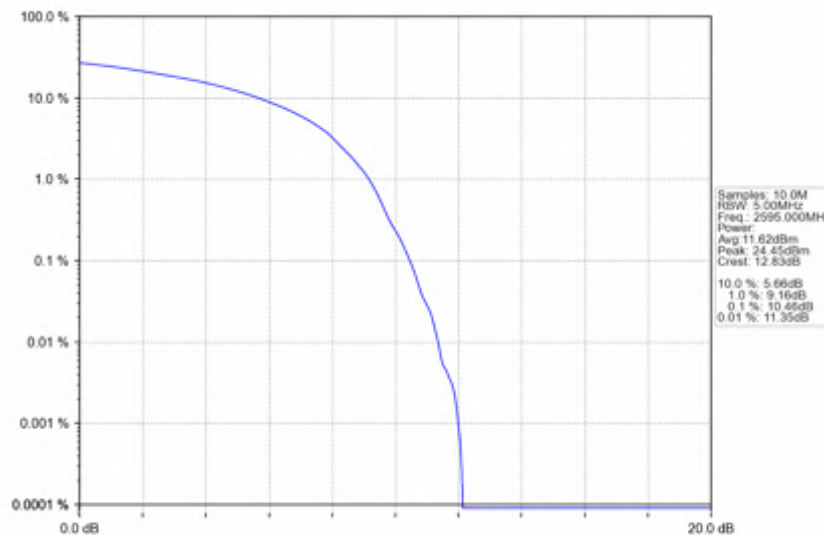
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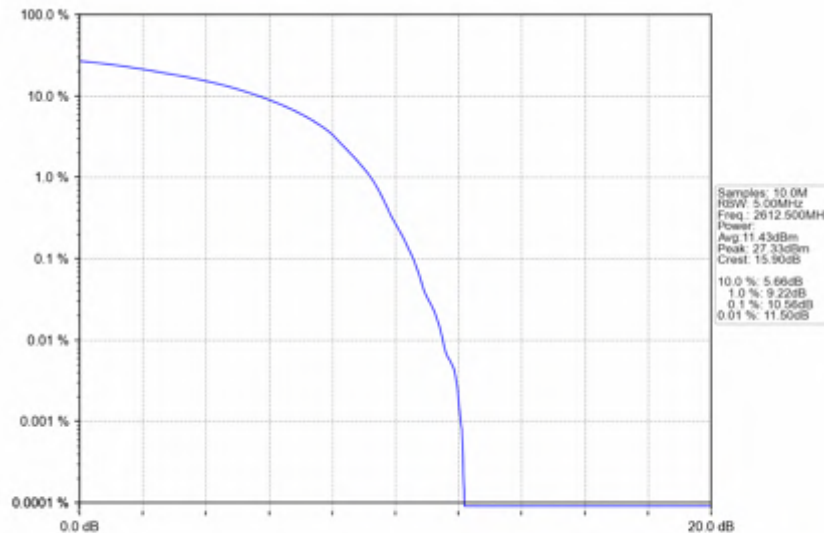


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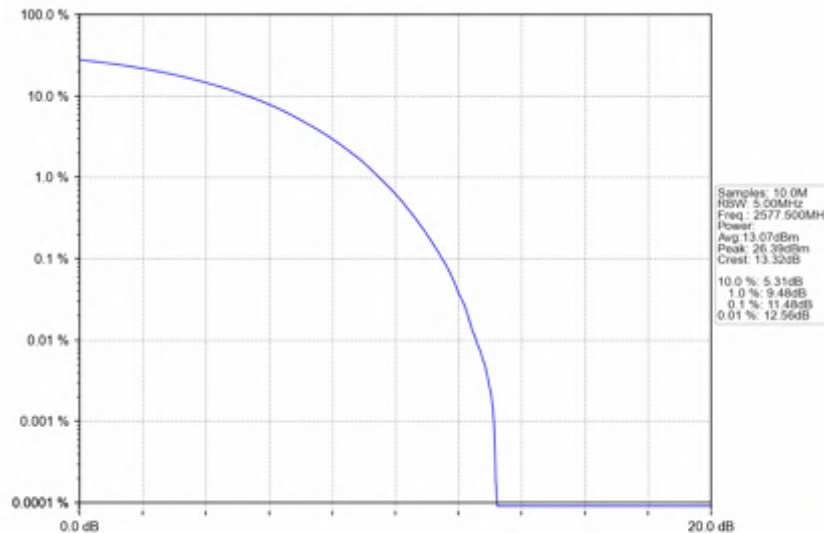
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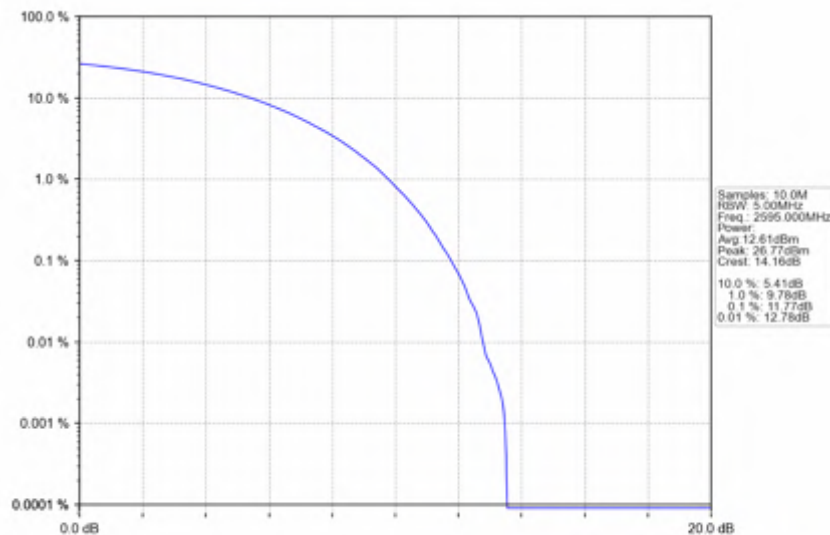


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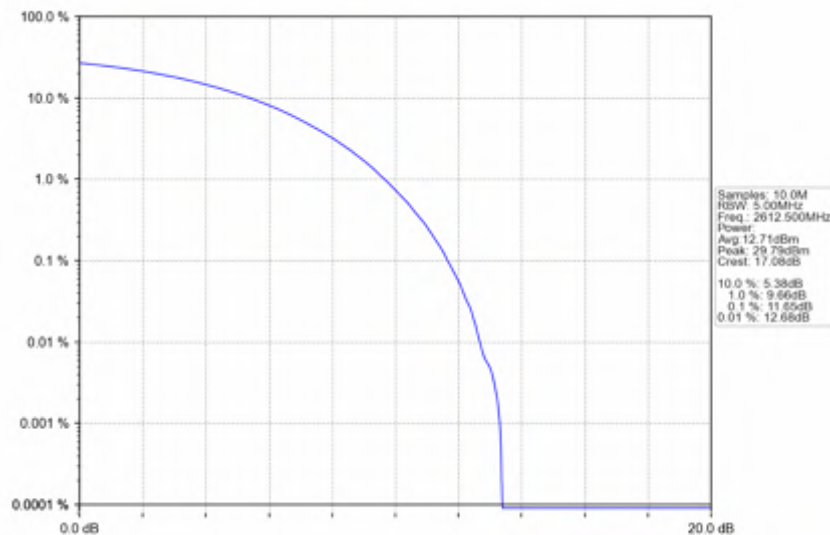
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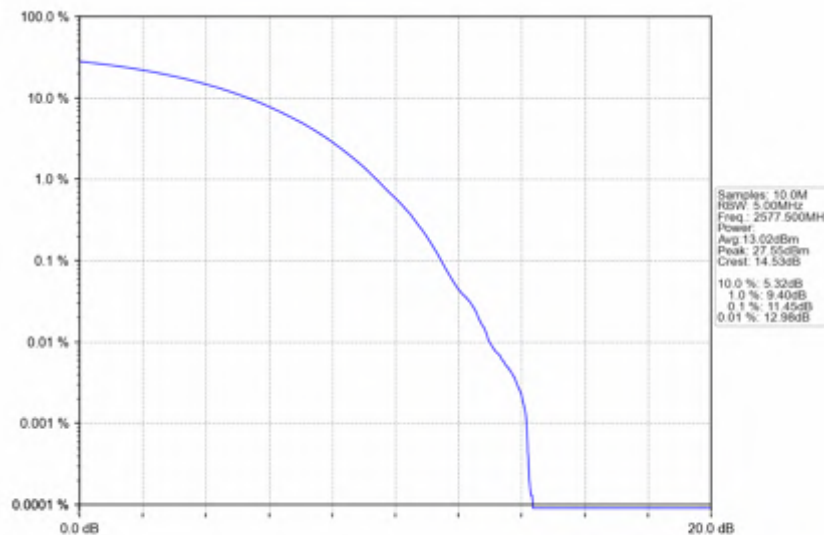
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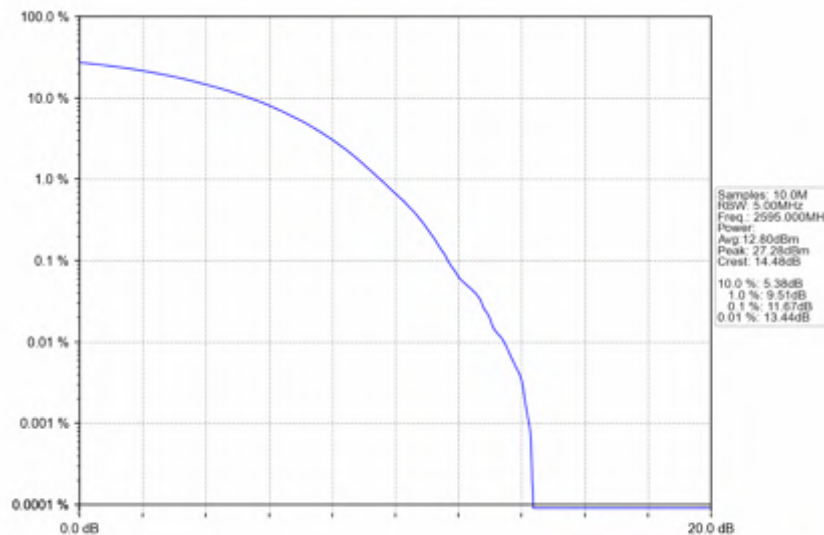
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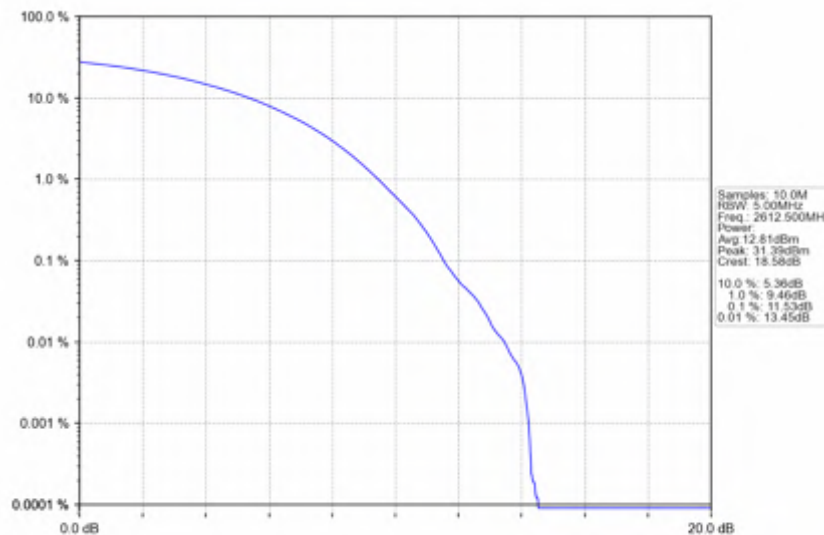


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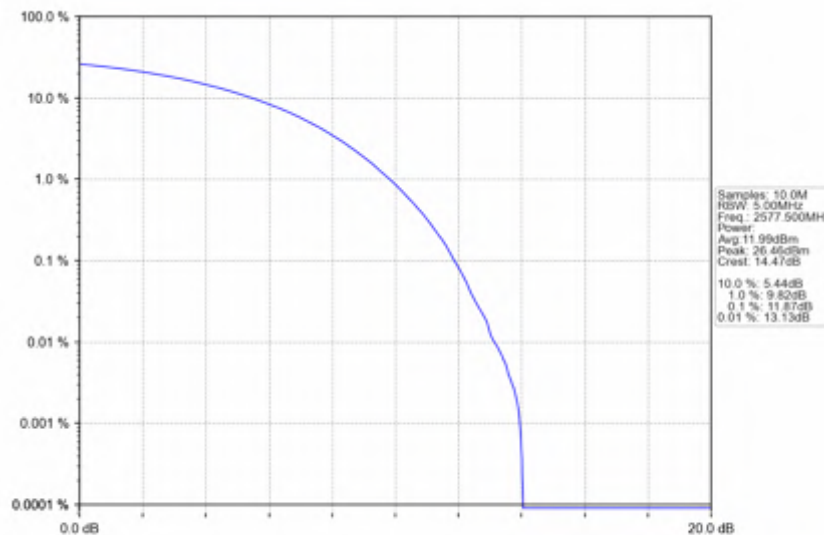
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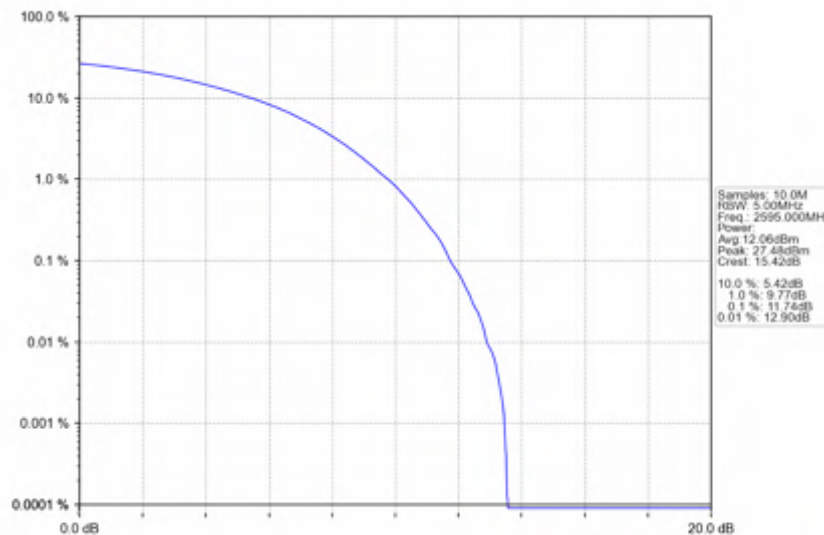
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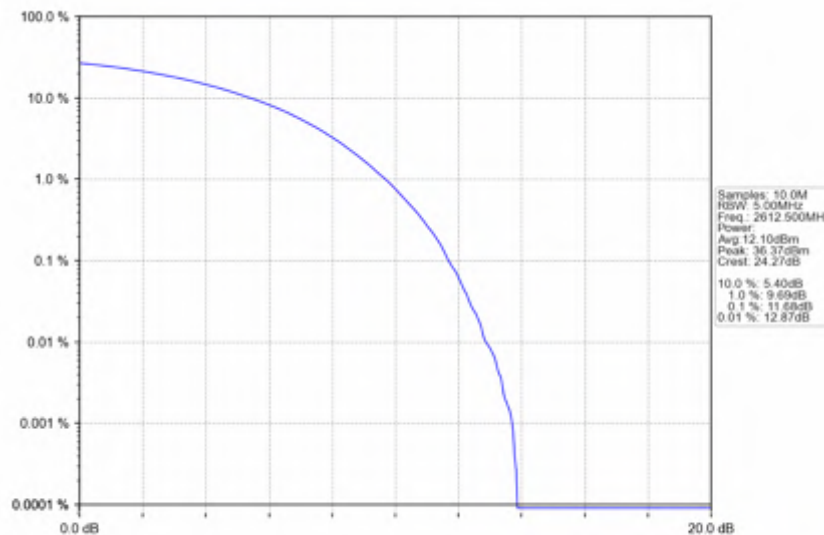
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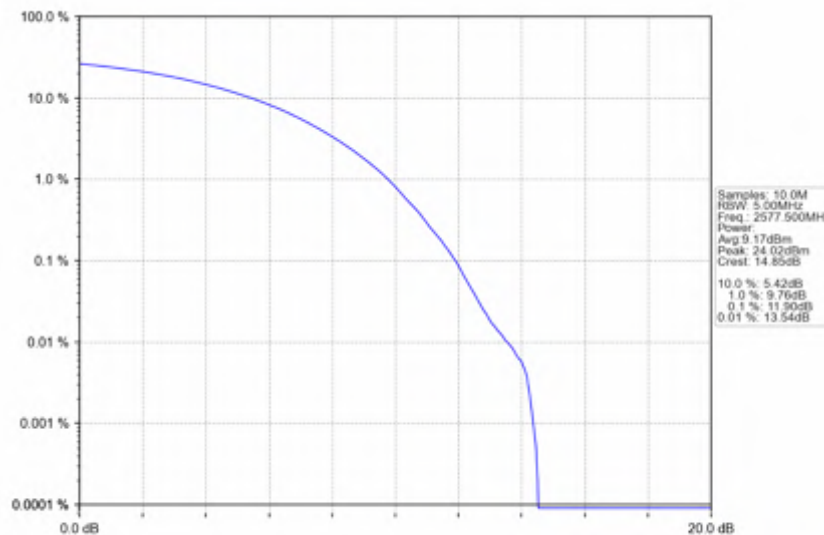


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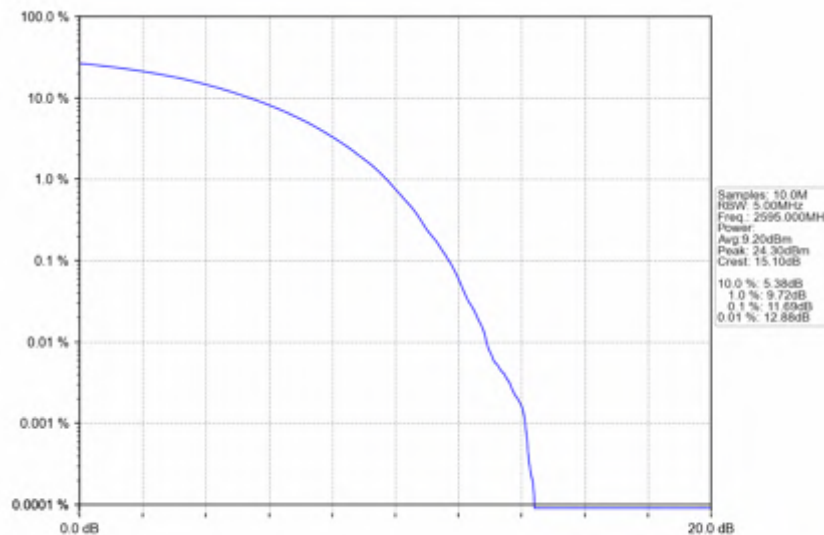
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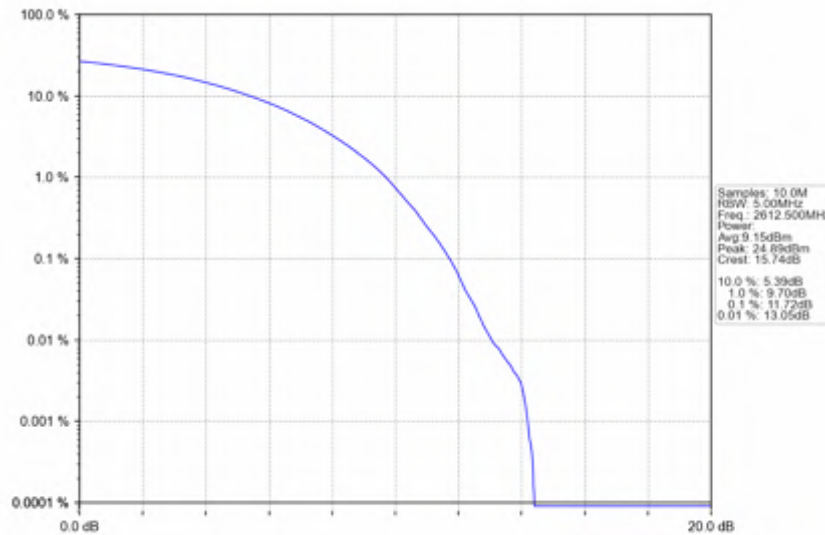
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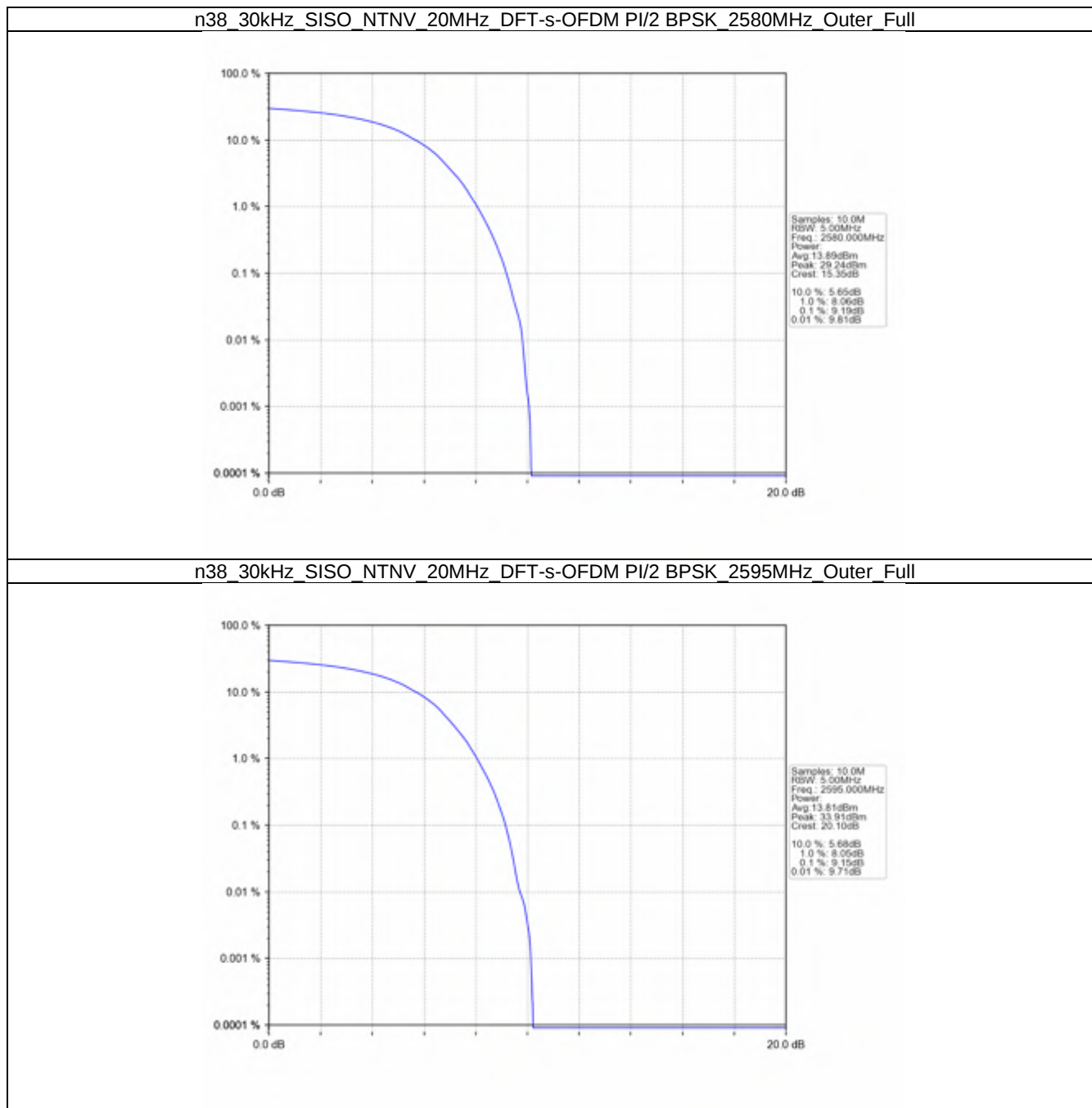
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5.10 30k_SISO_20MHz_NTNV

5.10.1 Test Result

5G NR n38 SCS=30kHz SISO 20MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2580	Outer_Full	9.19	/	/	<=13	Pass
	2595	Outer_Full	9.15	/	/	<=13	Pass
	2610	Outer_Full	9.16	/	/	<=13	Pass
DFT-s-OFDM QPSK	2580	Outer_Full	10.44	/	/	<=13	Pass
	2595	Outer_Full	10.49	/	/	<=13	Pass
	2610	Outer_Full	10.53	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2580	Outer_Full	10.66	/	/	<=13	Pass
	2595	Outer_Full	10.77	/	/	<=13	Pass
	2610	Outer_Full	10.86	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2580	Outer_Full	10.85	/	/	<=13	Pass
	2595	Outer_Full	10.87	/	/	<=13	Pass
	2610	Outer_Full	10.88	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2580	Outer_Full	10.97	/	/	<=13	Pass
	2595	Outer_Full	11.01	/	/	<=13	Pass
	2610	Outer_Full	10.78	/	/	<=13	Pass
CP-OFDM QPSK	2580	Outer_Full	11.57	/	/	<=13	Pass
	2595	Outer_Full	11.52	/	/	<=13	Pass
	2610	Outer_Full	11.63	/	/	<=13	Pass
CP-OFDM 16 QAM	2580	Outer_Full	11.70	/	/	<=13	Pass
	2595	Outer_Full	11.59	/	/	<=13	Pass
	2610	Outer_Full	11.69	/	/	<=13	Pass
CP-OFDM 64 QAM	2580	Outer_Full	11.88	/	/	<=13	Pass
	2595	Outer_Full	11.64	/	/	<=13	Pass
	2610	Outer_Full	11.84	/	/	<=13	Pass
CP-OFDM 256 QAM	2580	Outer_Full	11.76	/	/	<=13	Pass
	2595	Outer_Full	11.95	/	/	<=13	Pass
	2610	Outer_Full	11.90	/	/	<=13	Pass

5.10.2 Test Graph



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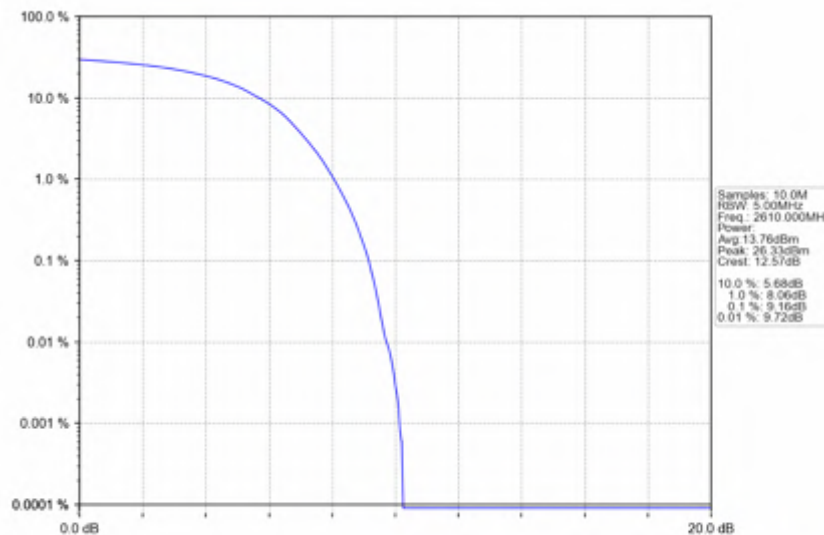
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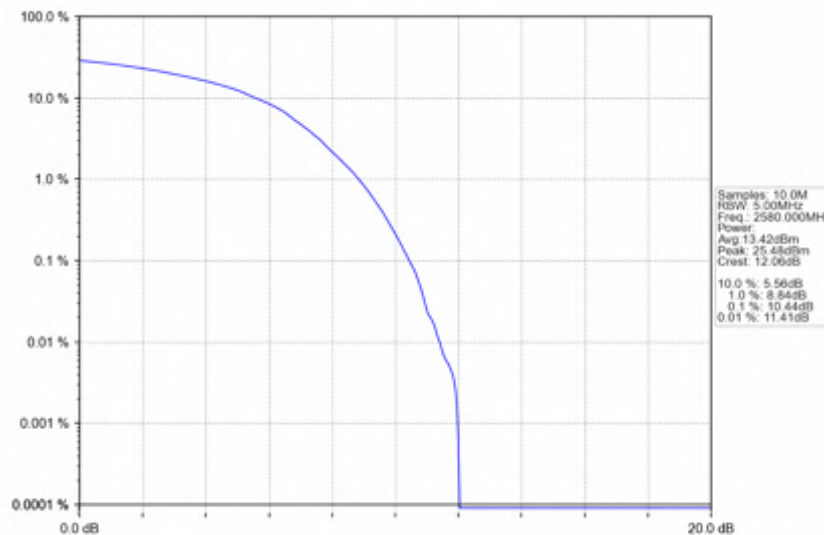
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n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2610MHz_Outer_Full



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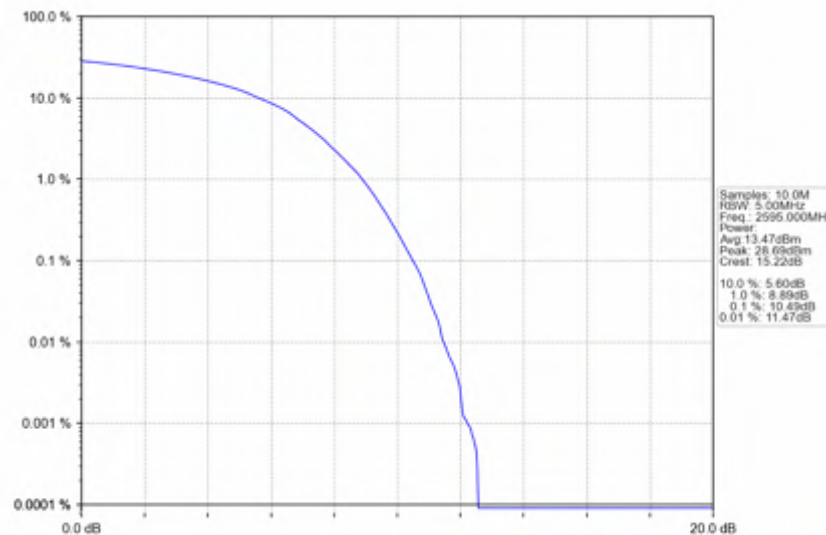


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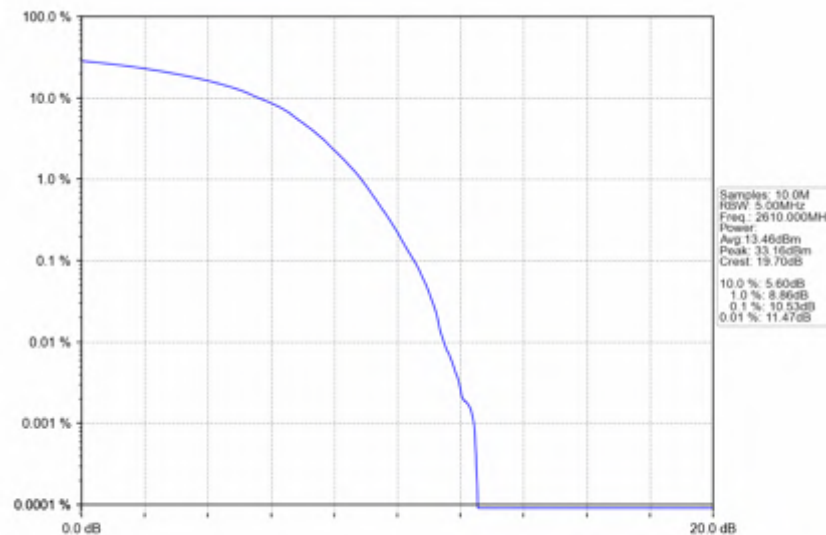
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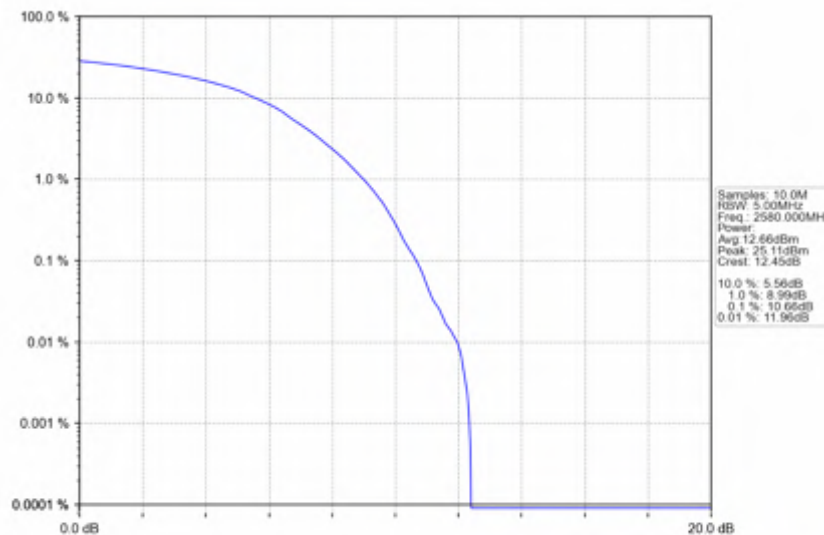


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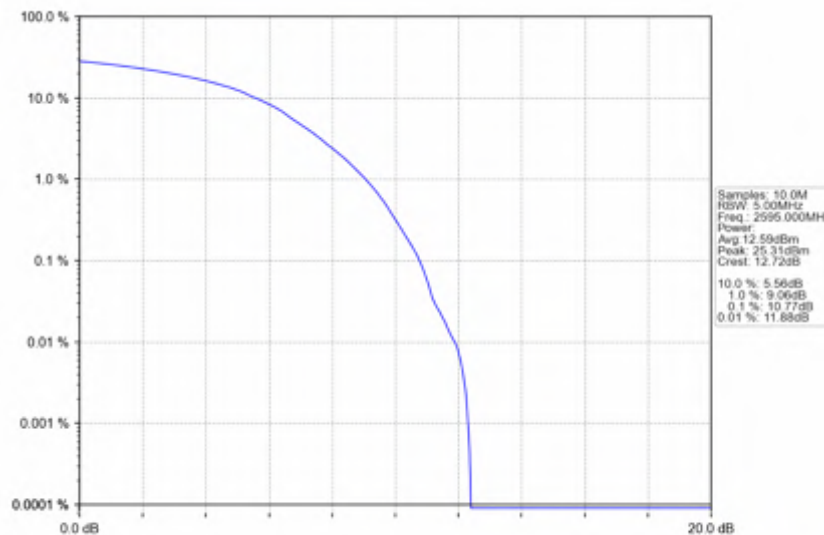
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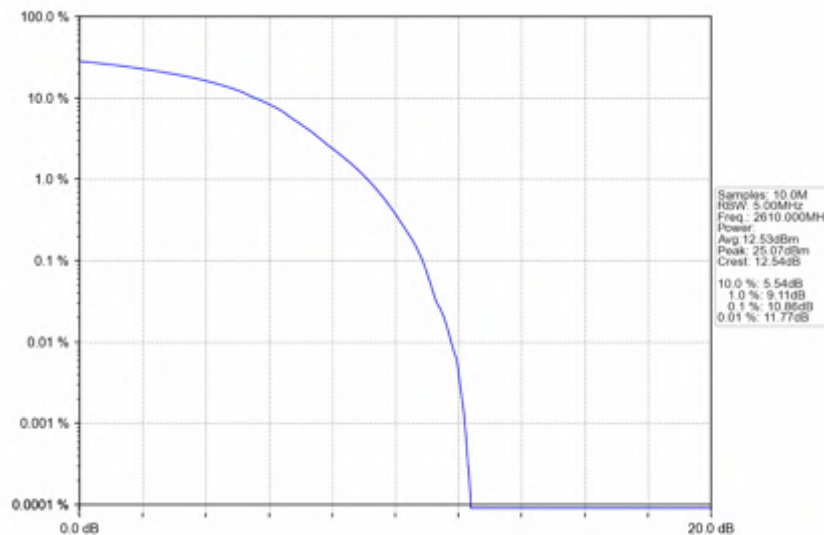
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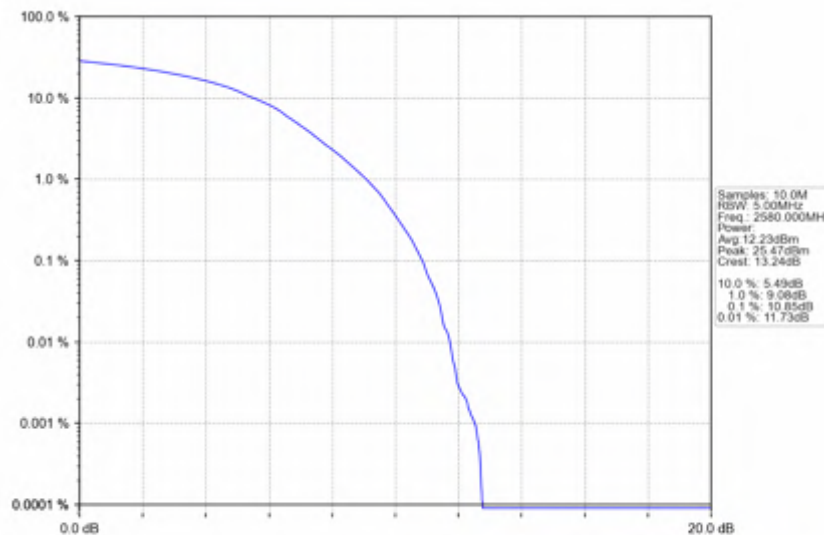
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n38	30kHz	SISO	NTNV	20MHz	DFT-s-OFDM	64 QAM	2580MHz	Outer	Full
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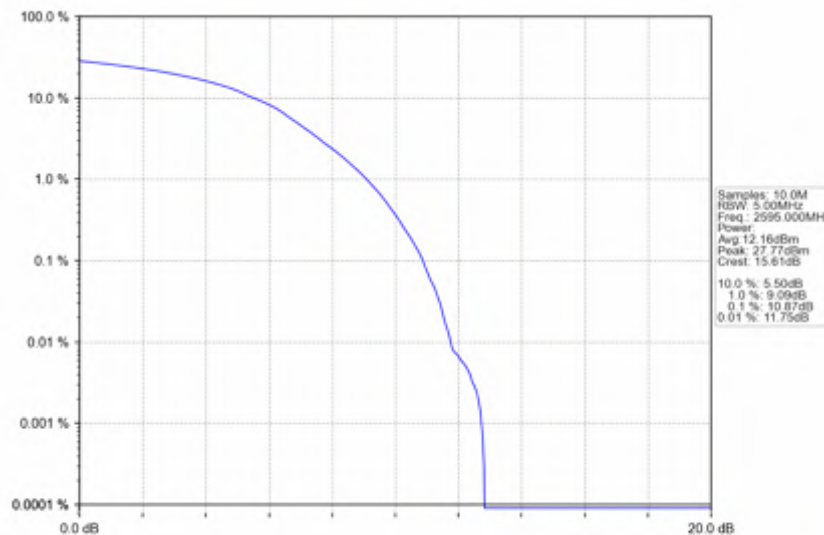


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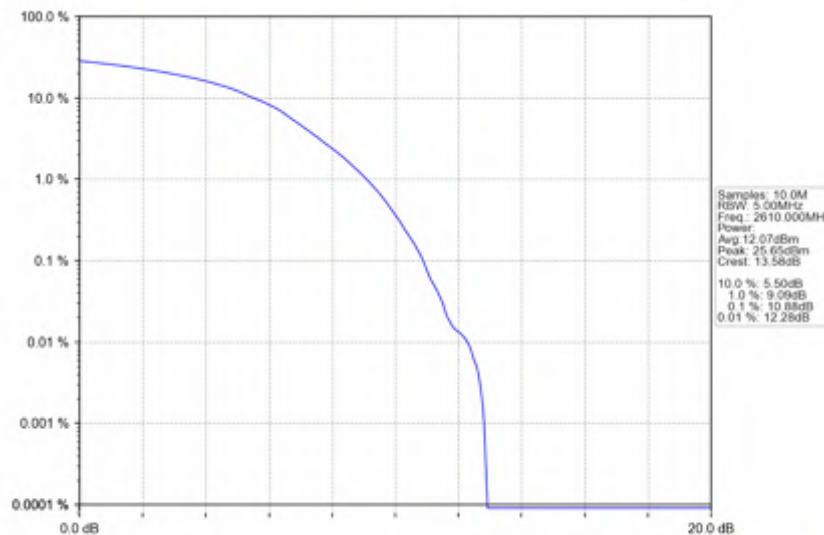
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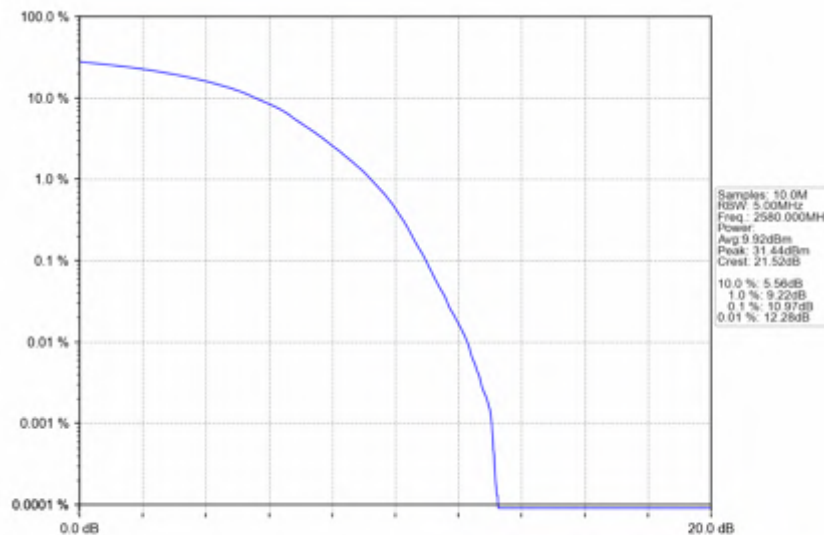
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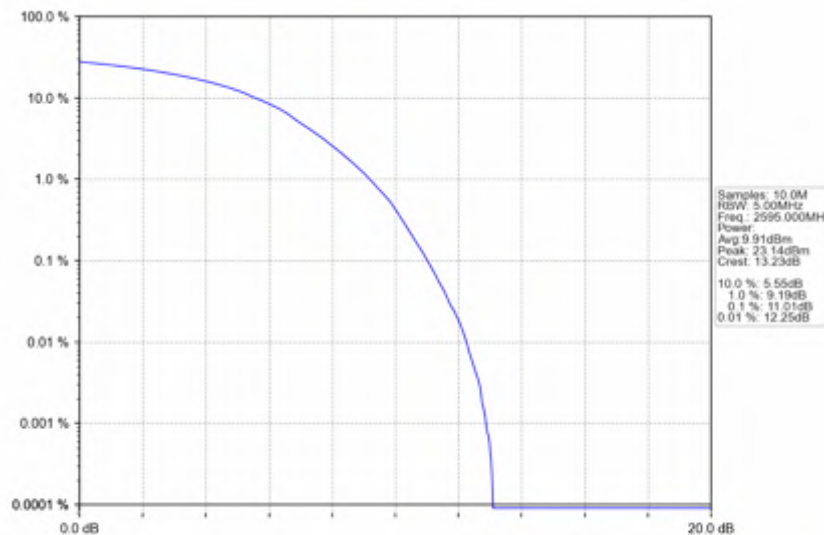
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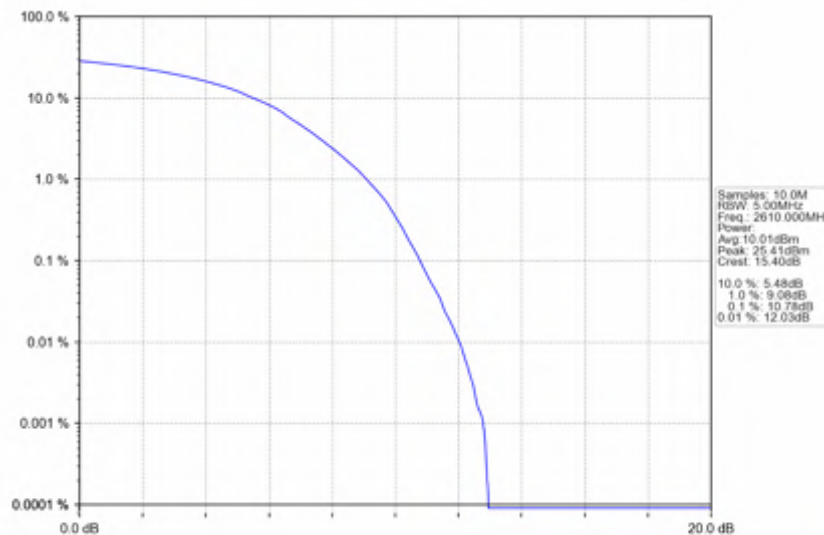
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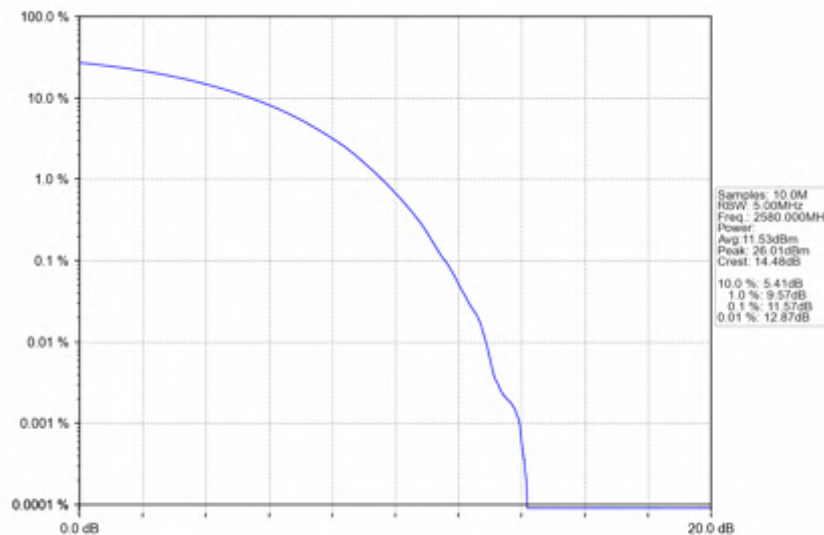
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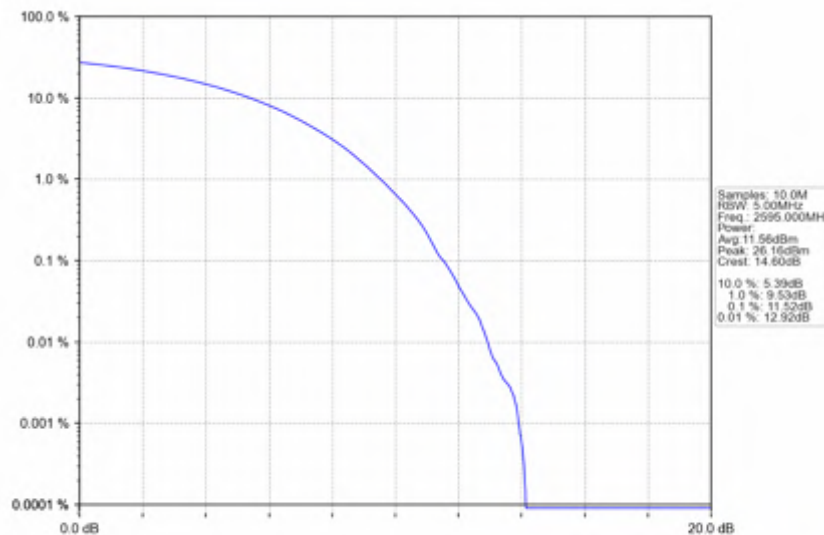
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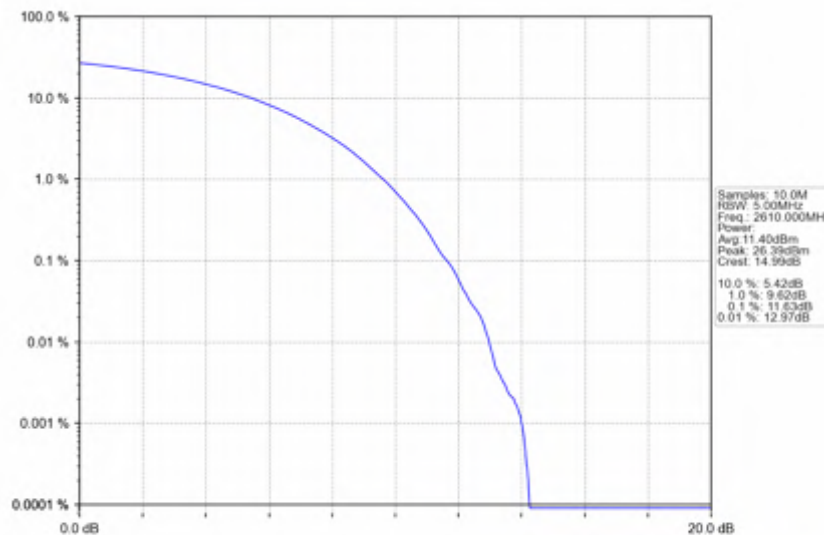
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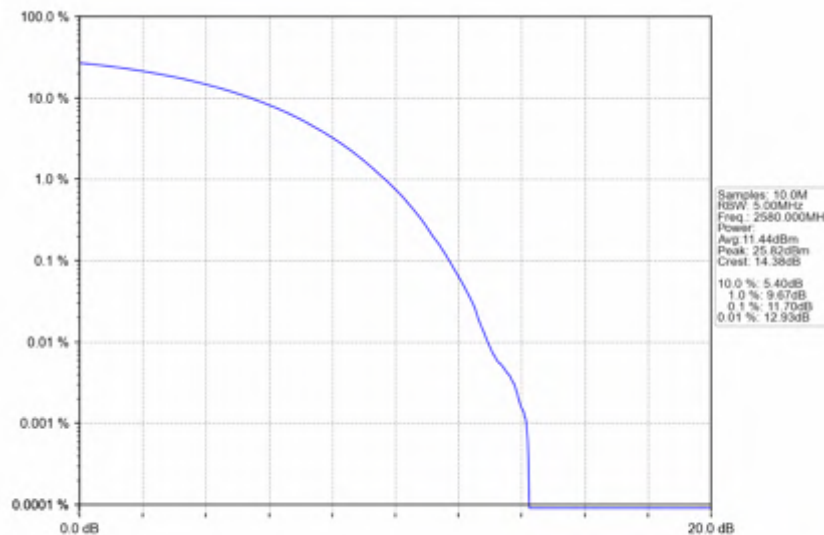
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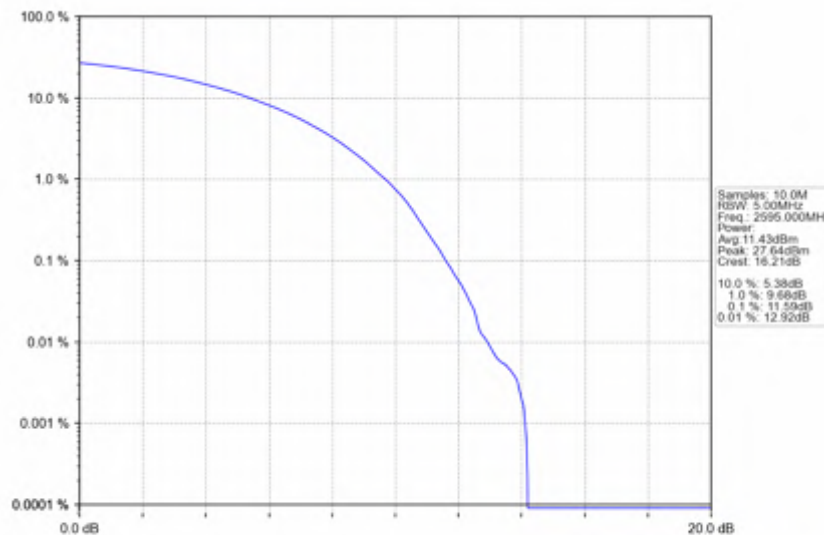
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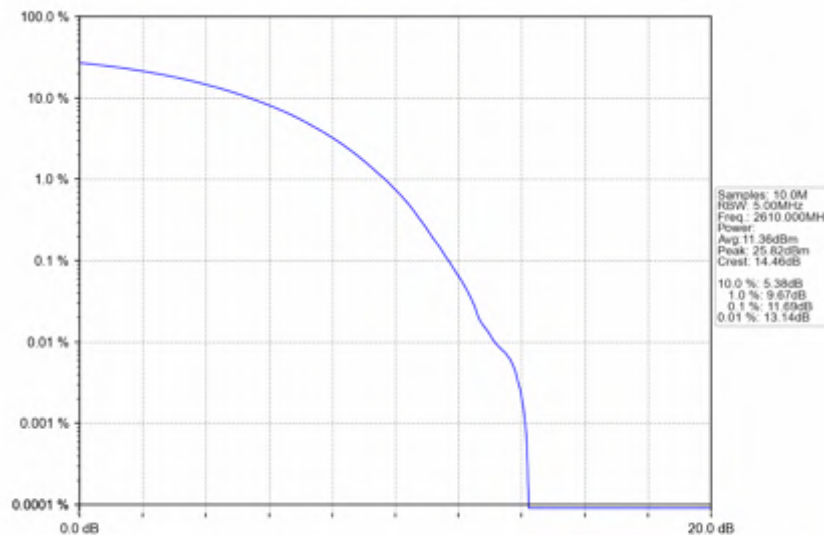


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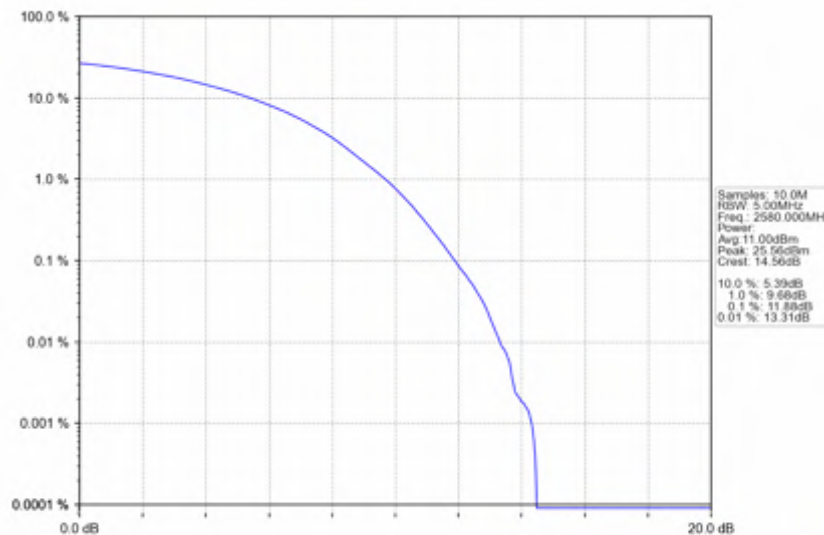
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n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2610MHz_Outer_Full



n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2580MHz_Outer_Full

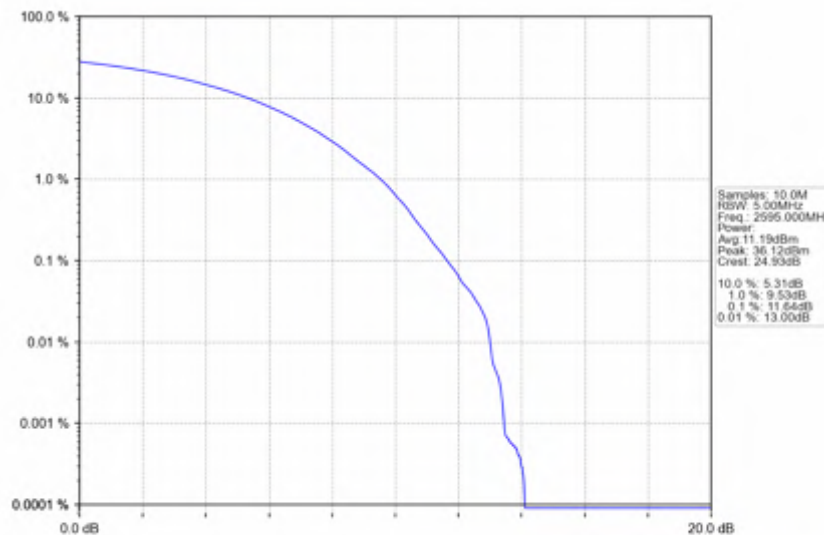


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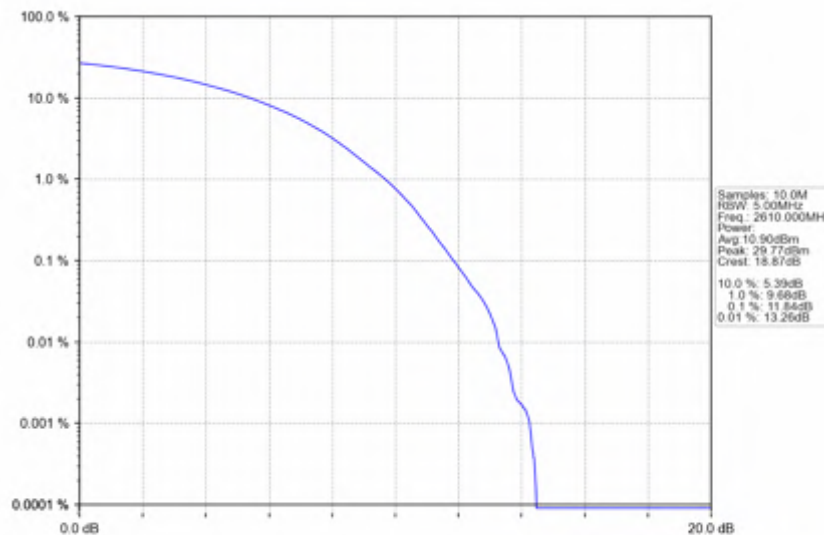
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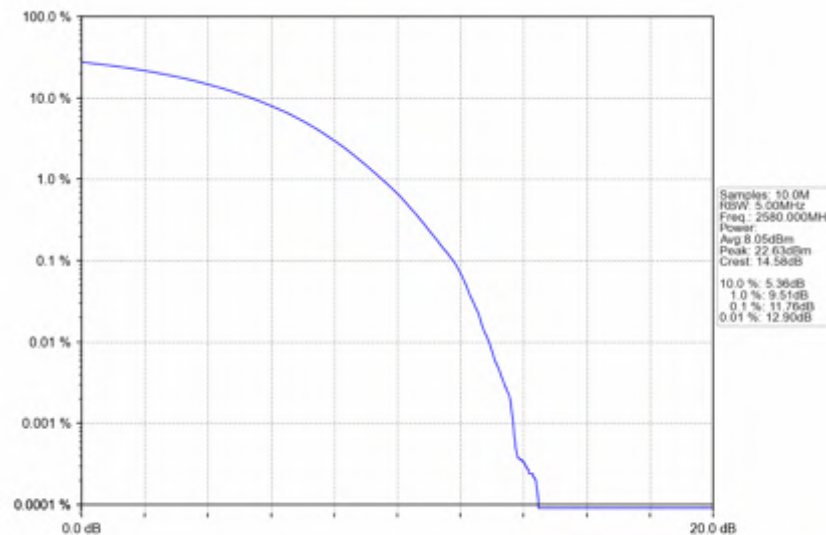
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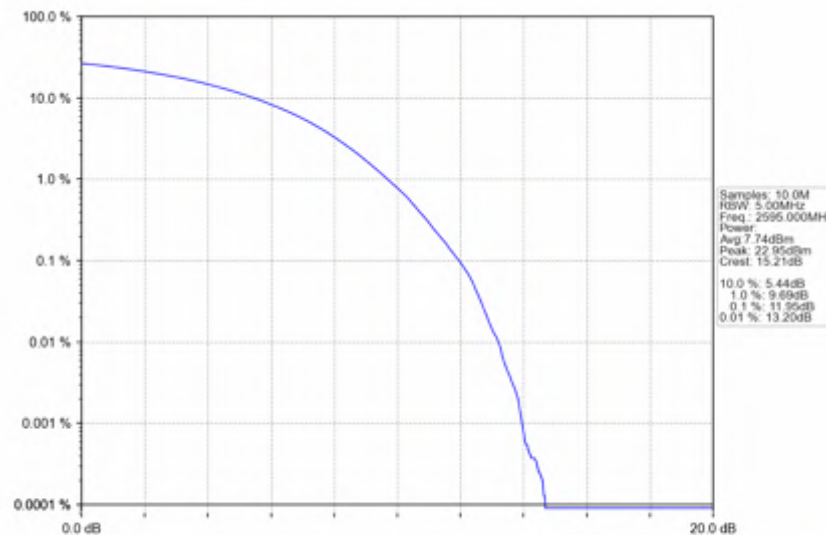
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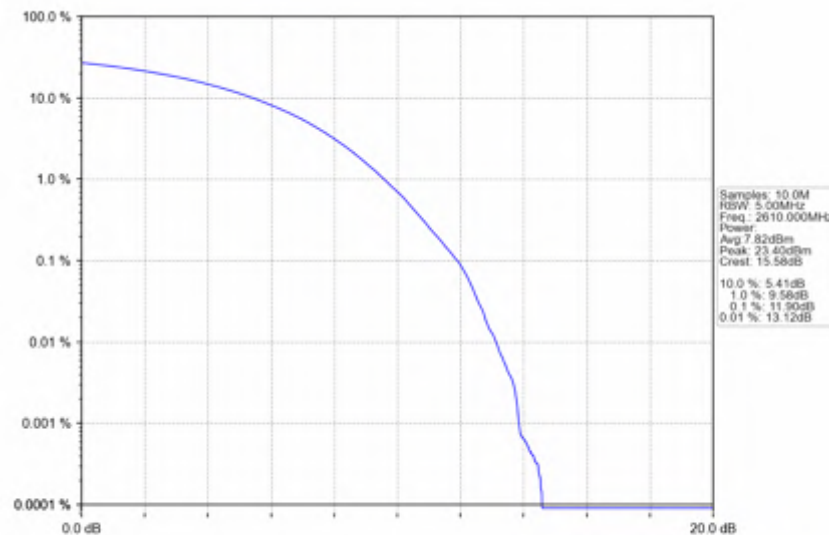
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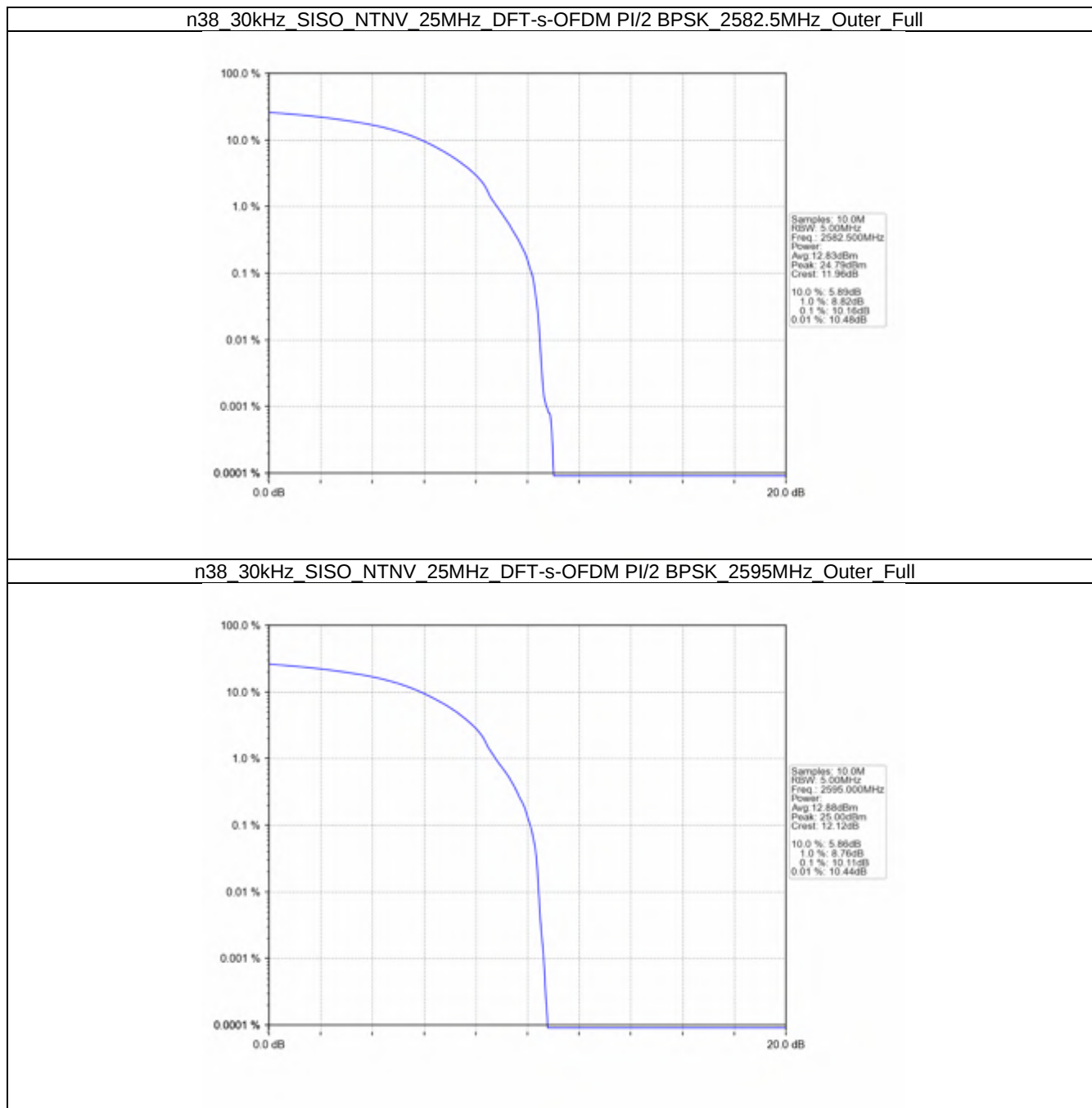
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5.11 30k_SISO_25MHz_NTNV

5.11.1 Test Result

5G NR n38 SCS=30kHz SISO 25MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2582.5	Outer_Full	10.16	/	/	<=13	Pass
	2595	Outer_Full	10.11	/	/	<=13	Pass
	2607.5	Outer_Full	10.11	/	/	<=13	Pass
DFT-s-OFDM QPSK	2582.5	Outer_Full	10.62	/	/	<=13	Pass
	2595	Outer_Full	10.57	/	/	<=13	Pass
	2607.5	Outer_Full	10.59	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2582.5	Outer_Full	11.00	/	/	<=13	Pass
	2595	Outer_Full	11.07	/	/	<=13	Pass
	2607.5	Outer_Full	11.00	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2582.5	Outer_Full	11.04	/	/	<=13	Pass
	2595	Outer_Full	11.18	/	/	<=13	Pass
	2607.5	Outer_Full	11.03	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2582.5	Outer_Full	10.70	/	/	<=13	Pass
	2595	Outer_Full	10.91	/	/	<=13	Pass
	2607.5	Outer_Full	11.14	/	/	<=13	Pass
CP-OFDM QPSK	2582.5	Outer_Full	11.63	/	/	<=13	Pass
	2595	Outer_Full	11.58	/	/	<=13	Pass
	2607.5	Outer_Full	11.79	/	/	<=13	Pass
CP-OFDM 16 QAM	2582.5	Outer_Full	11.54	/	/	<=13	Pass
	2595	Outer_Full	11.49	/	/	<=13	Pass
	2607.5	Outer_Full	11.54	/	/	<=13	Pass
CP-OFDM 64 QAM	2582.5	Outer_Full	11.77	/	/	<=13	Pass
	2595	Outer_Full	11.95	/	/	<=13	Pass
	2607.5	Outer_Full	11.71	/	/	<=13	Pass
CP-OFDM 256 QAM	2582.5	Outer_Full	12.04	/	/	<=13	Pass
	2595	Outer_Full	11.97	/	/	<=13	Pass
	2607.5	Outer_Full	11.90	/	/	<=13	Pass

5.11.2 Test Graph



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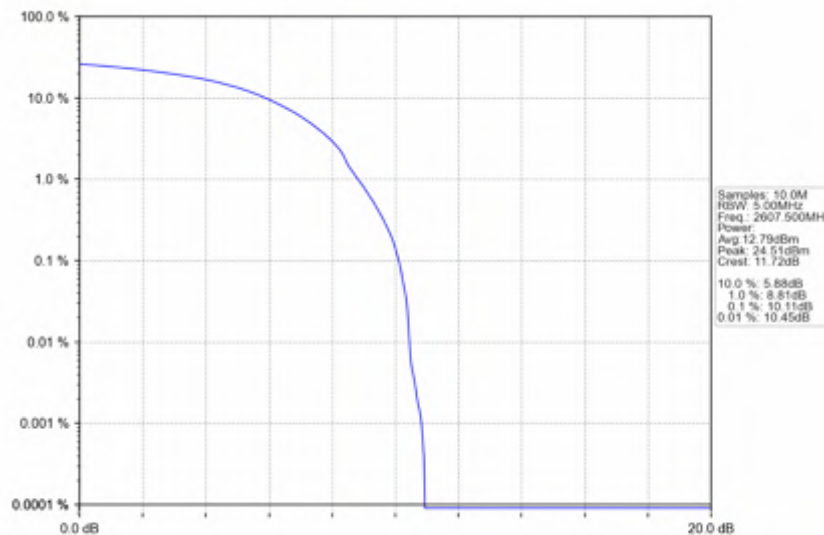
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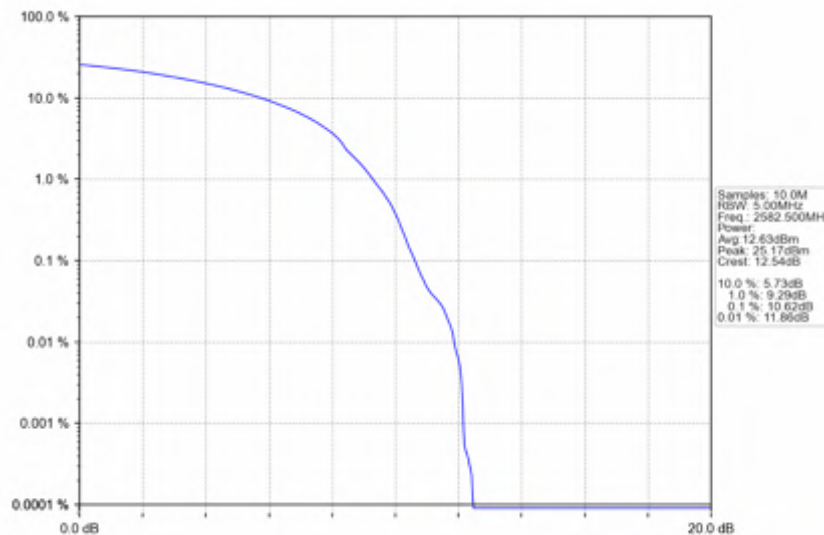
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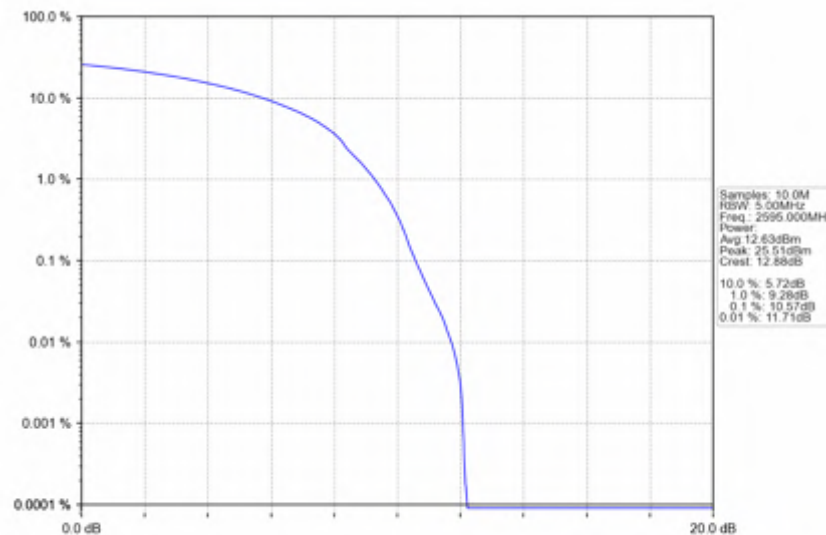


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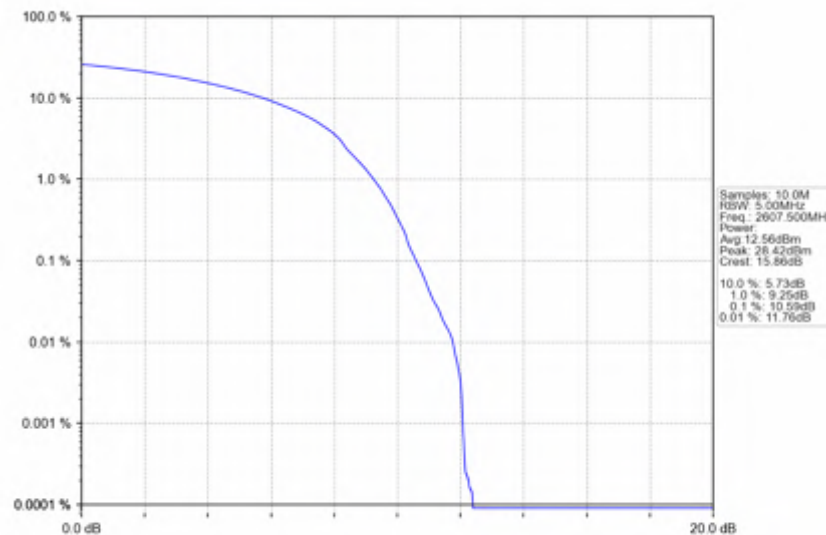
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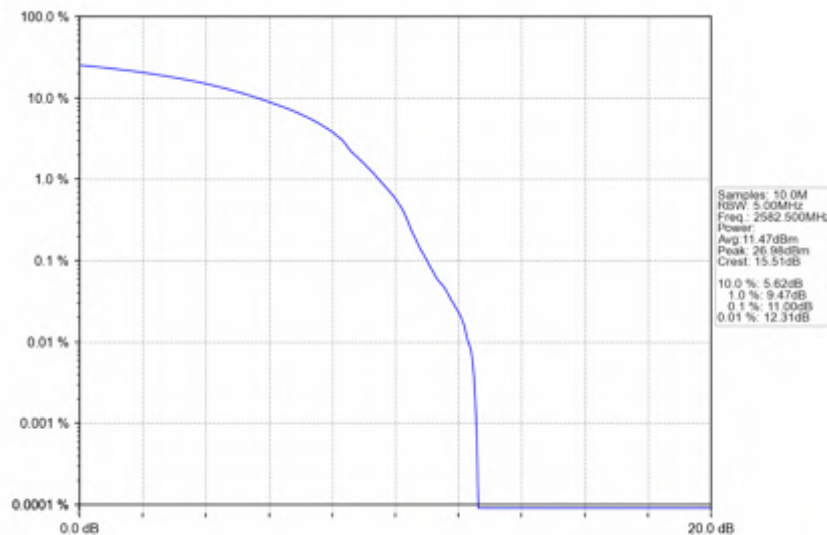


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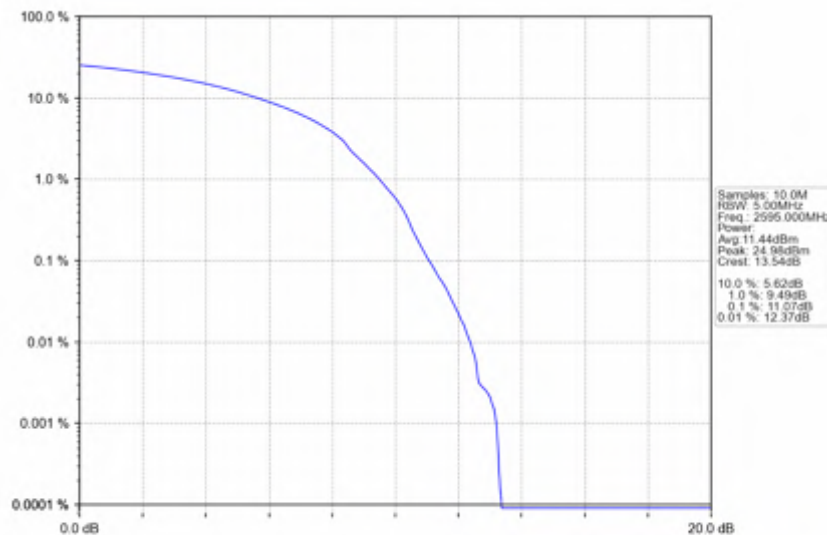
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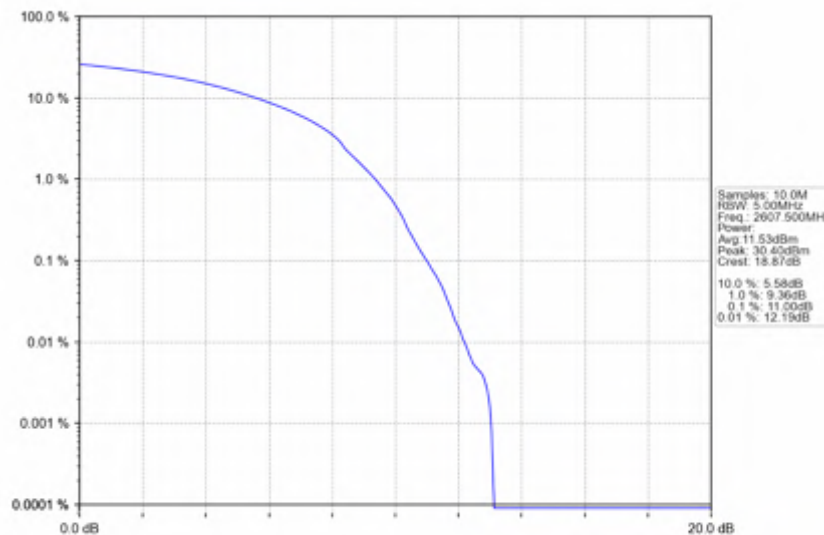
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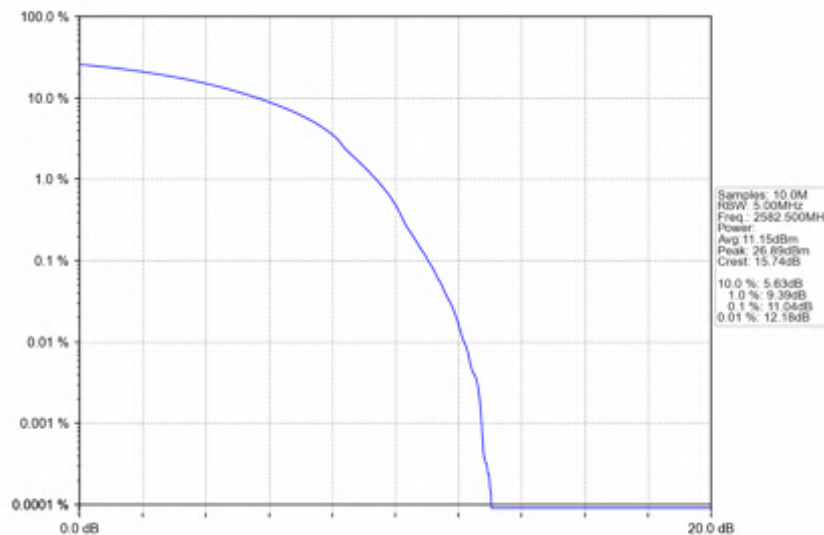
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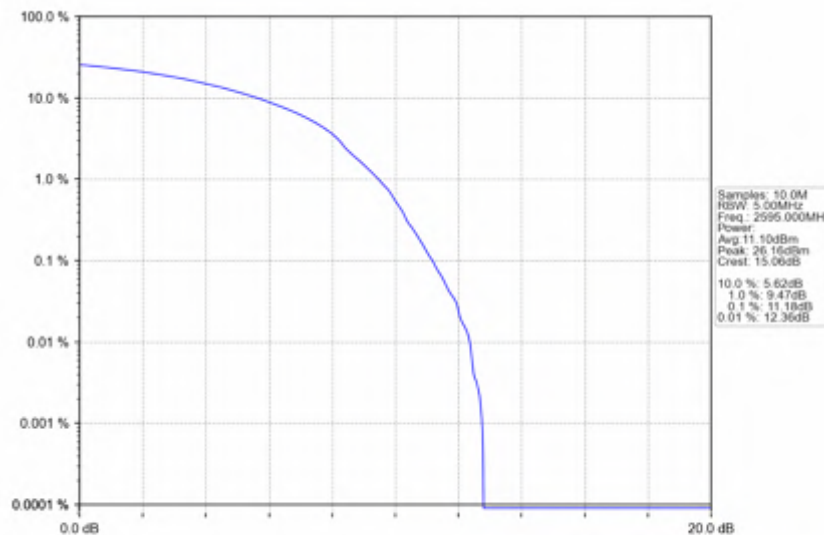
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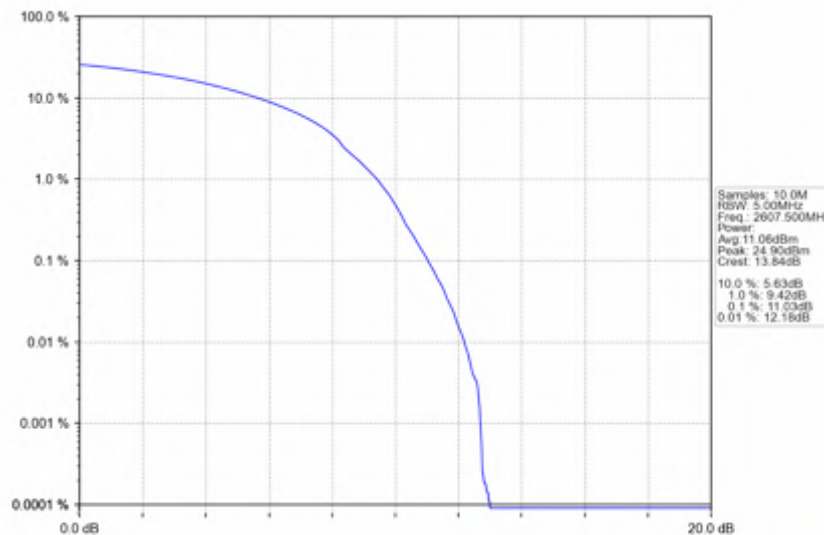
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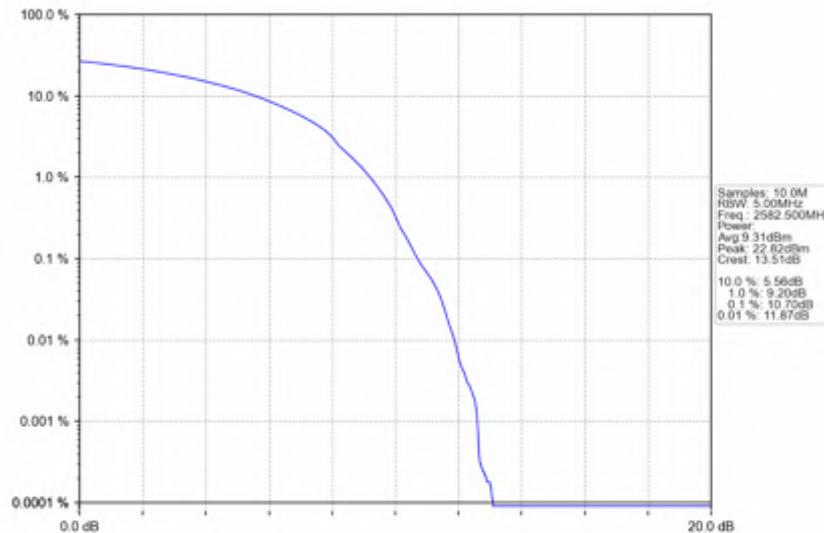


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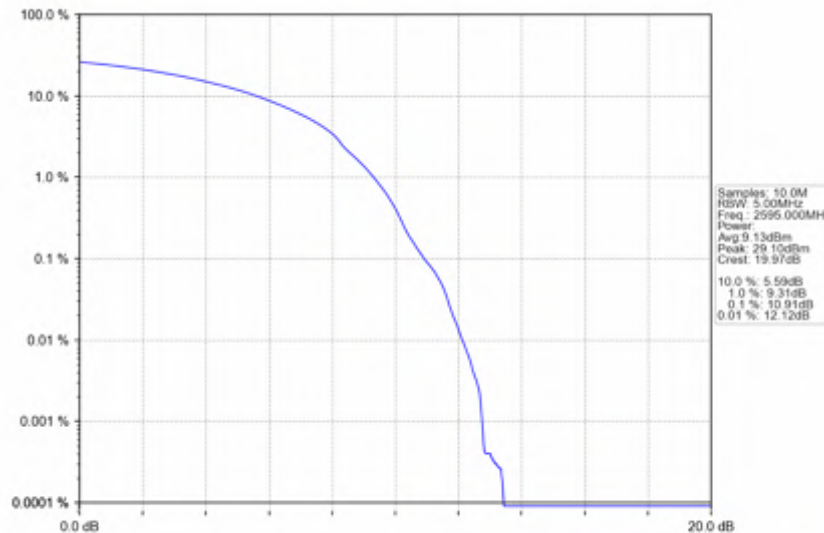
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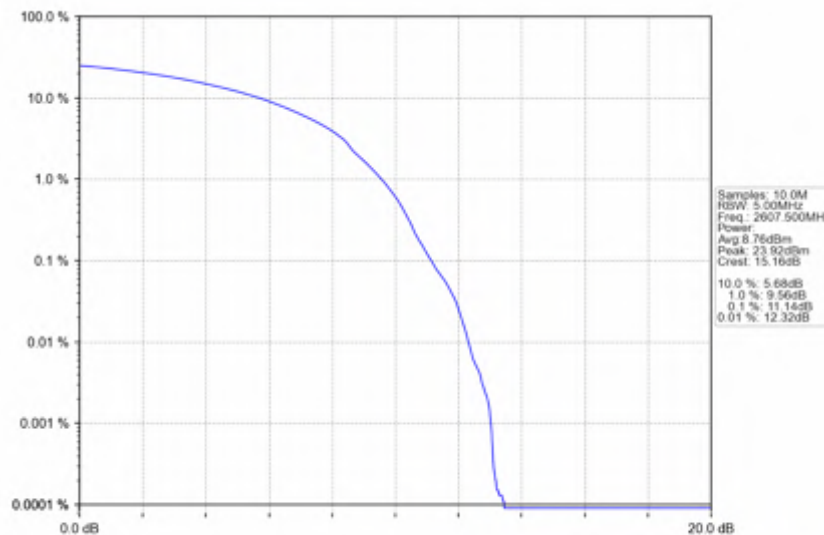
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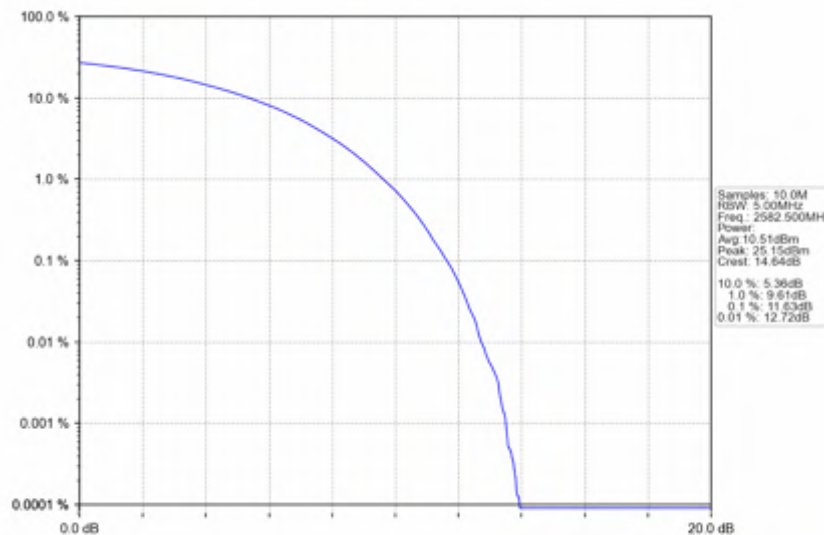
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n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_2607.5MHz_Outer_Full



n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Outer_Full



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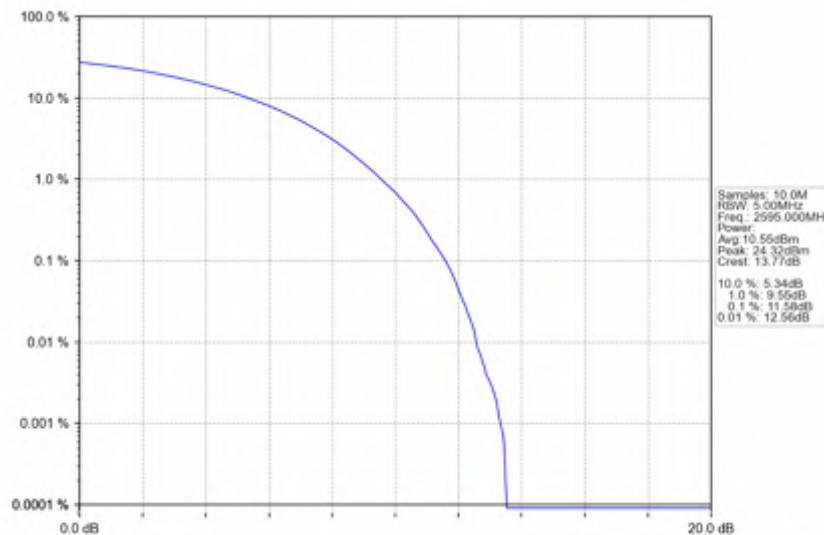
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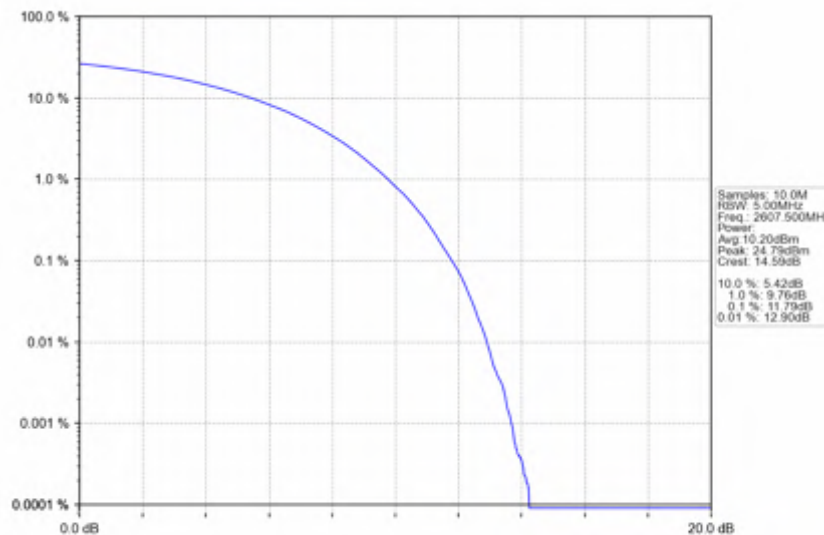
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n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2595MHz_Outer_Full



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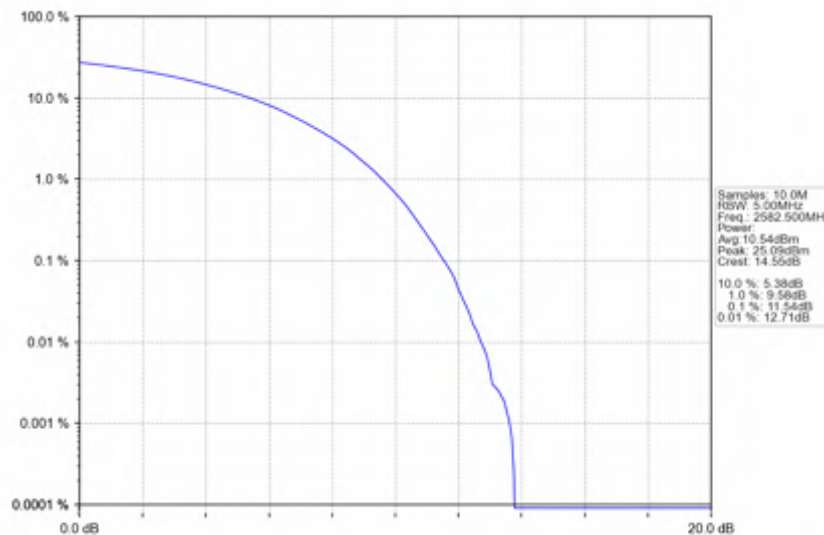
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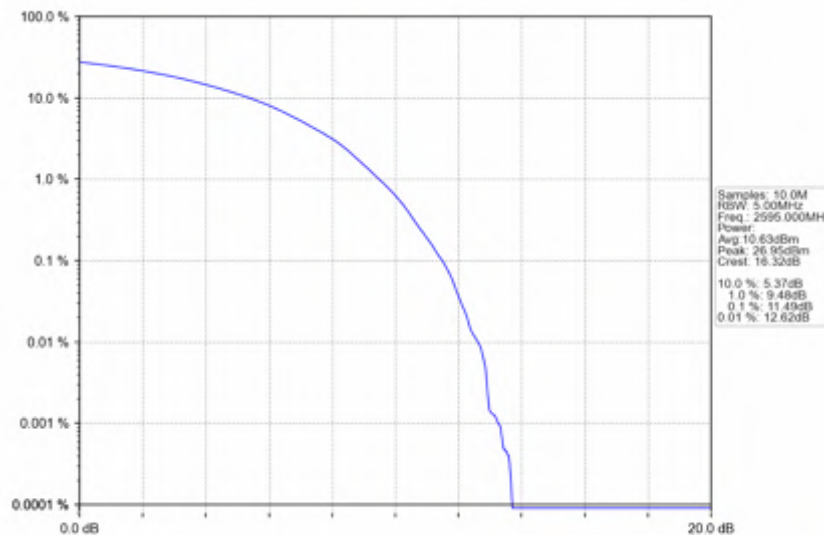
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n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_2582.5MHz_Outer_Full



n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_2595MHz_Outer_Full



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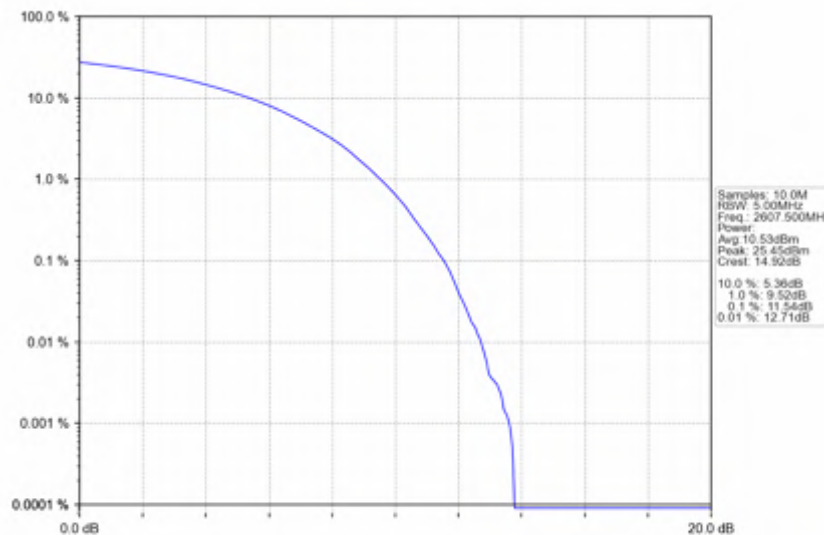
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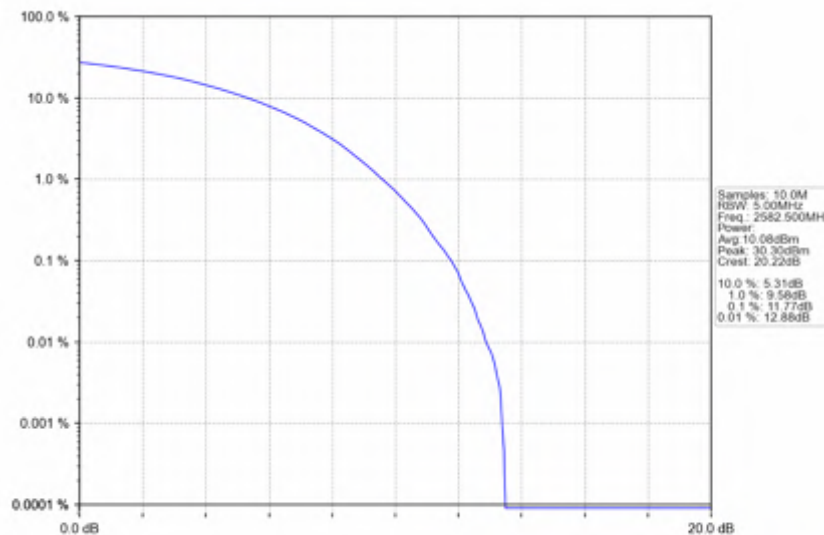
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n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_2582.5MHz_Outer_Full

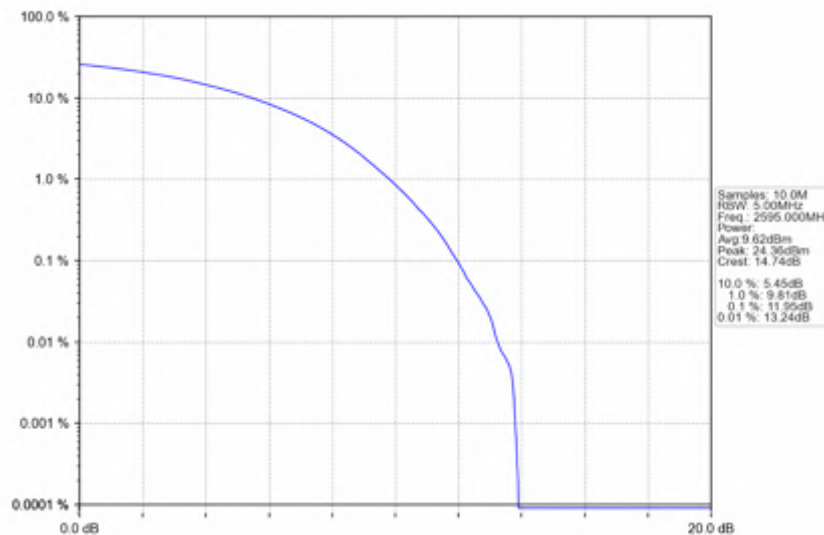


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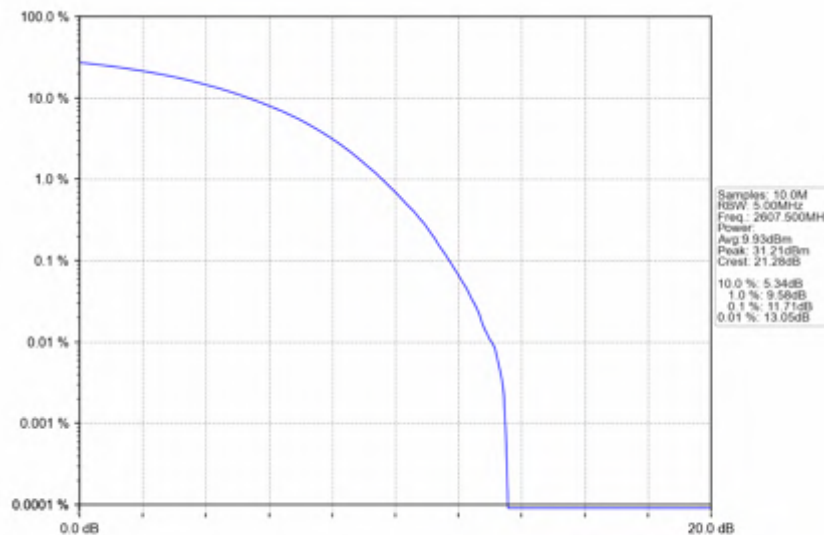
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n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full



n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_2607.5MHz_Outer_Full



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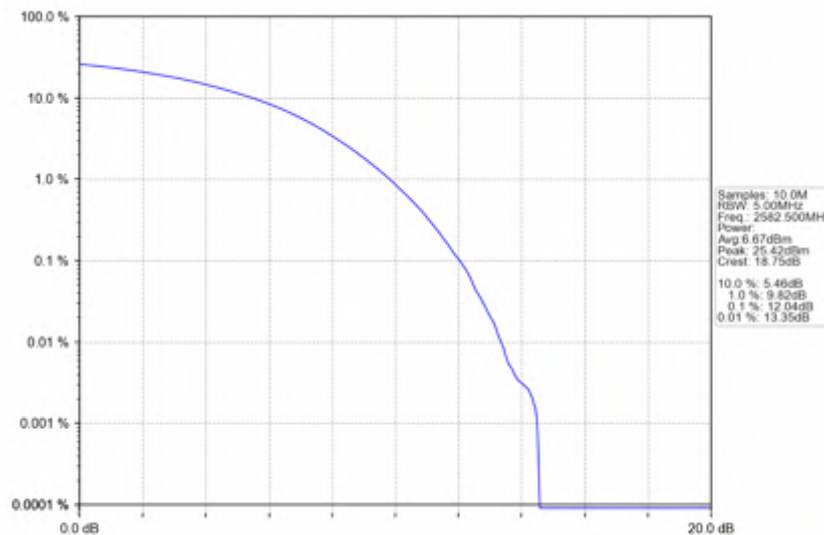
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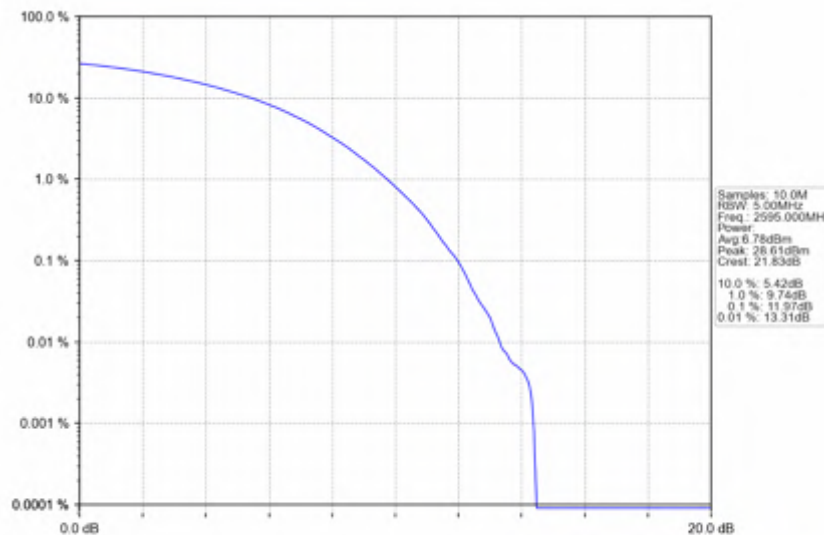
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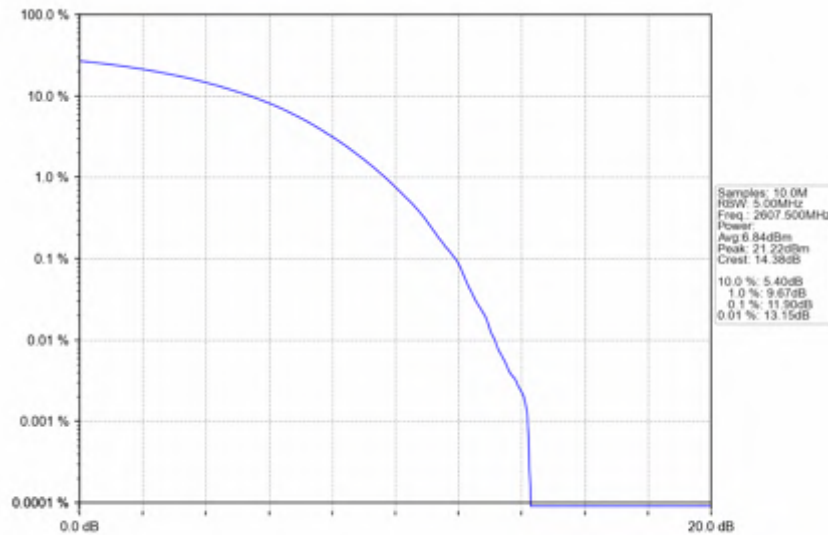
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5.12 30k_SISO_30MHz_NTNV

5.12.1 Test Result

5G NR n38 SCS=30kHz SISO 30MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2585	Outer_Full	10.06	/	/	<=13	Pass
	2595	Outer_Full	10.14	/	/	<=13	Pass
	2605	Outer_Full	10.05	/	/	<=13	Pass
DFT-s-OFDM QPSK	2585	Outer_Full	11.05	/	/	<=13	Pass
	2595	Outer_Full	10.96	/	/	<=13	Pass
	2605	Outer_Full	10.76	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2585	Outer_Full	11.12	/	/	<=13	Pass
	2595	Outer_Full	11.00	/	/	<=13	Pass
	2605	Outer_Full	11.04	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2585	Outer_Full	10.97	/	/	<=13	Pass
	2595	Outer_Full	10.78	/	/	<=13	Pass
	2605	Outer_Full	10.98	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2585	Outer_Full	11.29	/	/	<=13	Pass
	2595	Outer_Full	11.15	/	/	<=13	Pass
	2605	Outer_Full	11.34	/	/	<=13	Pass
CP-OFDM QPSK	2585	Outer_Full	11.66	/	/	<=13	Pass
	2595	Outer_Full	11.74	/	/	<=13	Pass
	2605	Outer_Full	11.69	/	/	<=13	Pass
CP-OFDM 16 QAM	2585	Outer_Full	11.75	/	/	<=13	Pass
	2595	Outer_Full	11.79	/	/	<=13	Pass
	2605	Outer_Full	11.80	/	/	<=13	Pass
CP-OFDM 64 QAM	2585	Outer_Full	11.80	/	/	<=13	Pass
	2595	Outer_Full	11.77	/	/	<=13	Pass
	2605	Outer_Full	11.80	/	/	<=13	Pass
CP-OFDM 256 QAM	2585	Outer_Full	11.67	/	/	<=13	Pass
	2595	Outer_Full	11.74	/	/	<=13	Pass
	2605	Outer_Full	11.62	/	/	<=13	Pass



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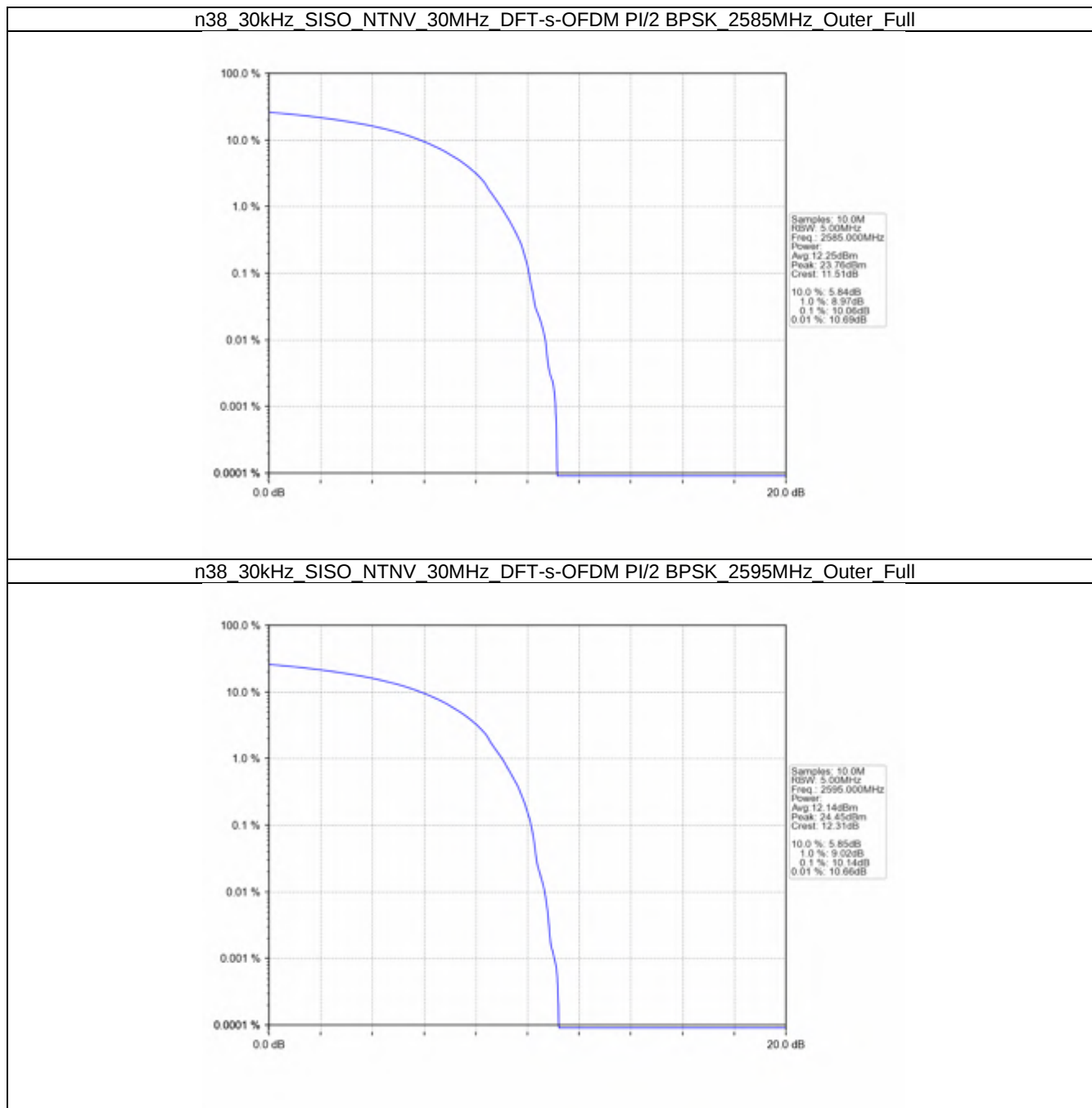
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5.12.2 Test Graph



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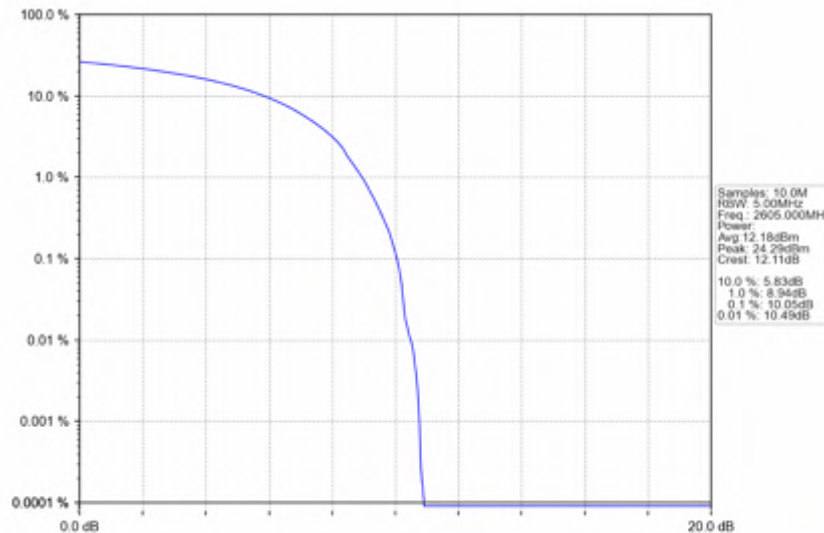
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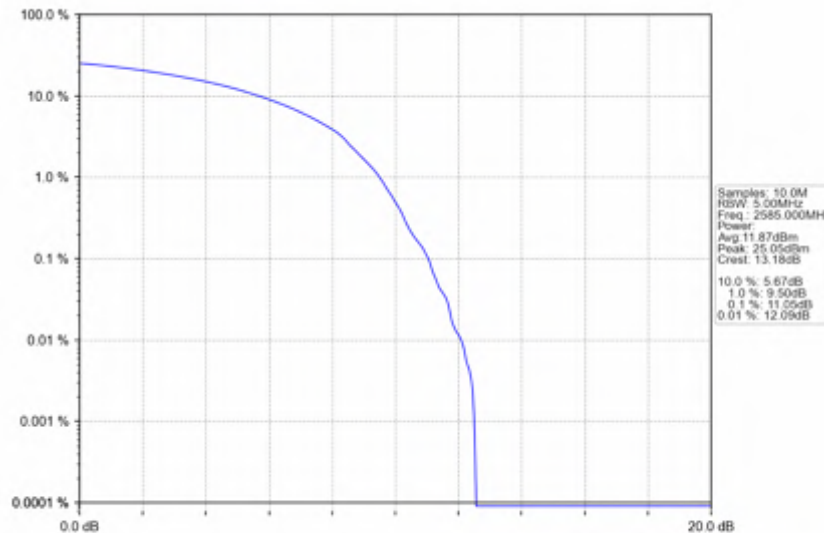
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2585MHz_Outer_Full



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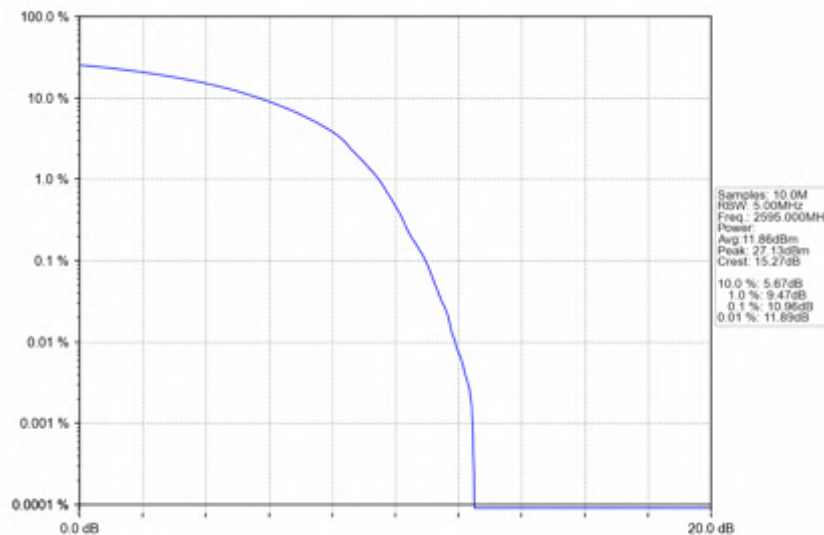
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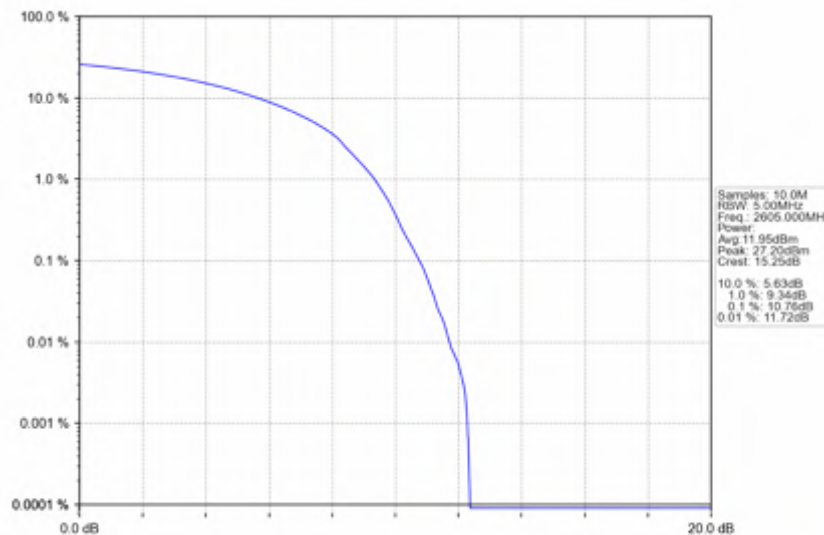
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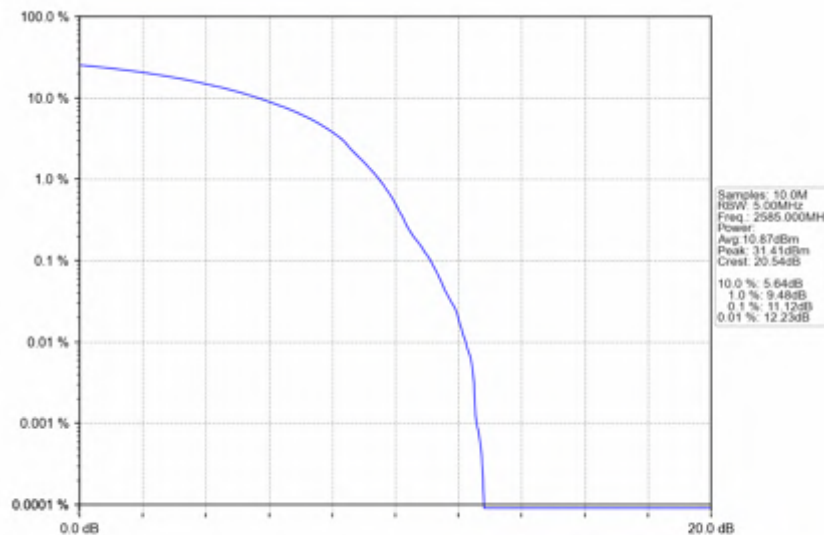


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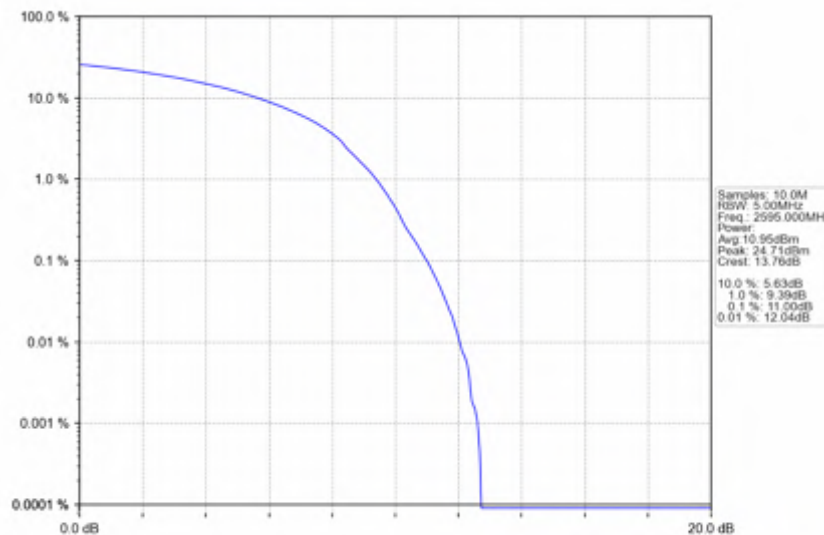
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2585MHz_Outer_Full



n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2595MHz_Outer_Full



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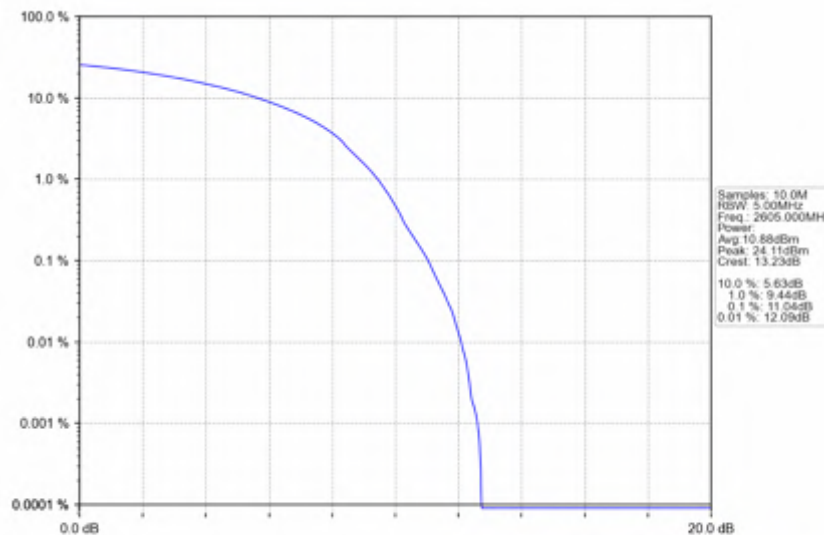
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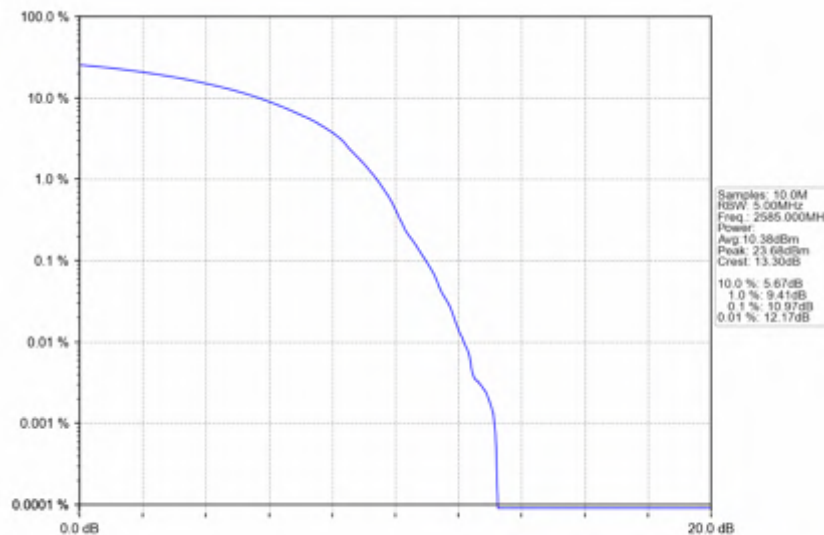
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2605MHz_Outer_Full



n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_2585MHz_Outer_Full



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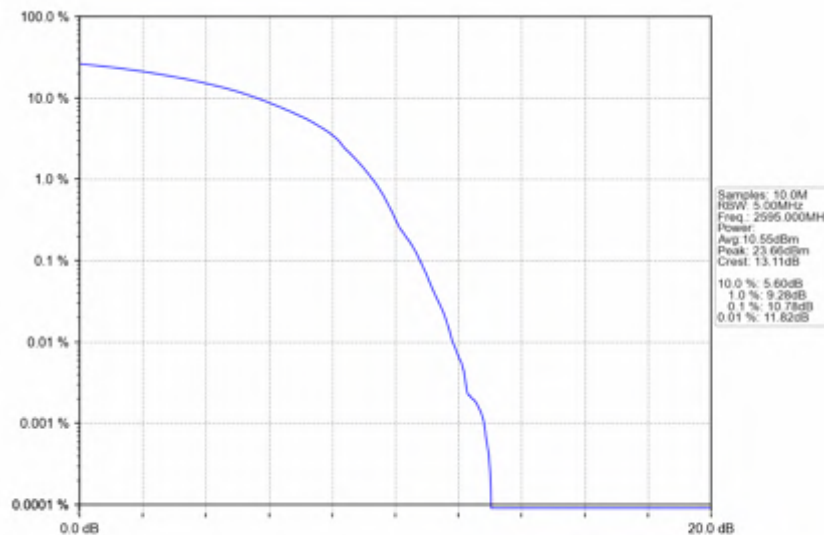
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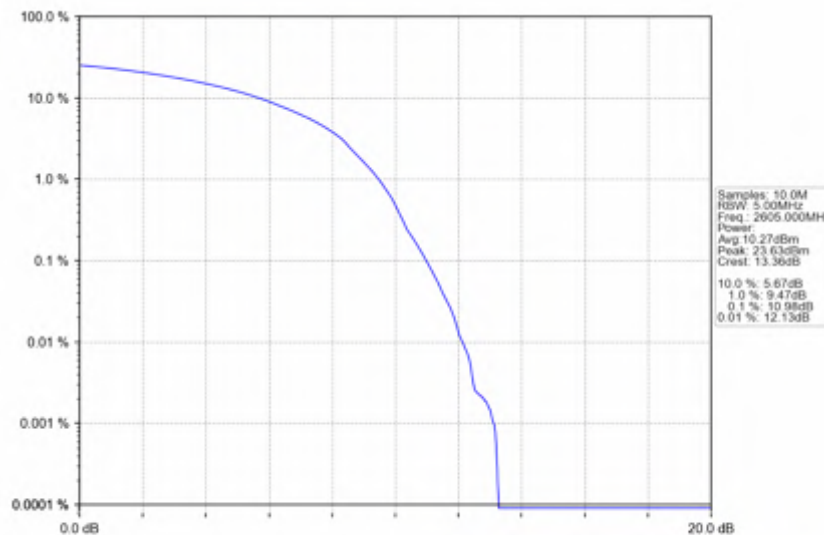
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_2595MHz_Outer_Full



n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_2605MHz_Outer_Full



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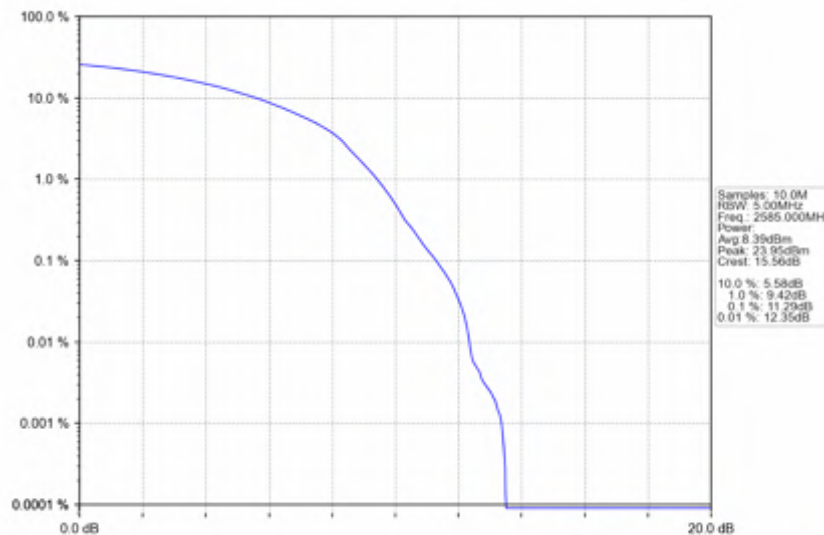
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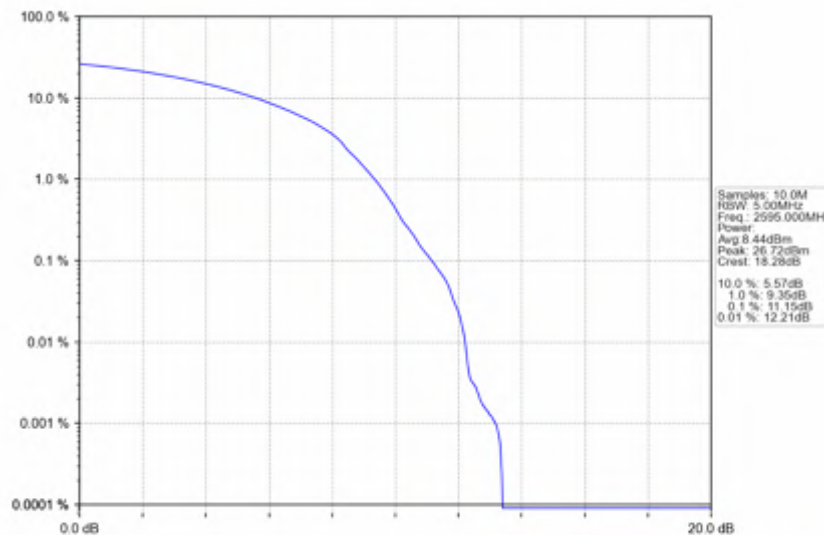
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_2585MHz_Outer_Full



n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_2595MHz_Outer_Full



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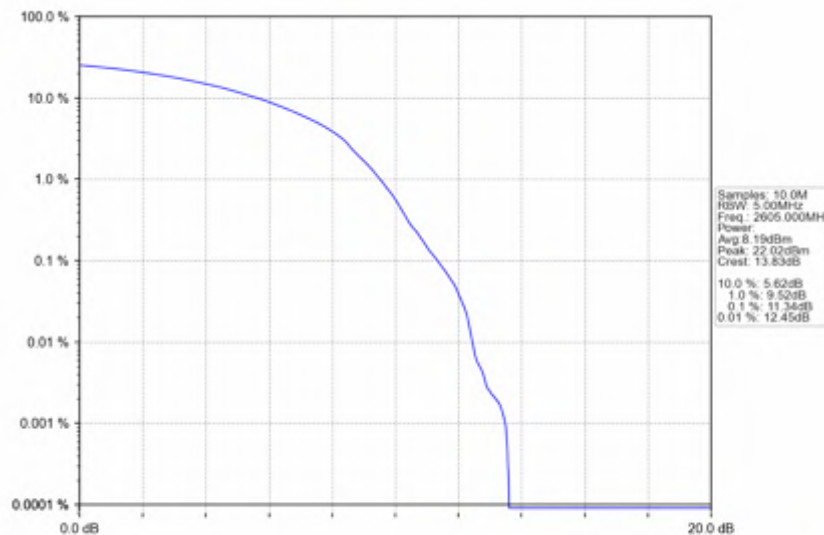
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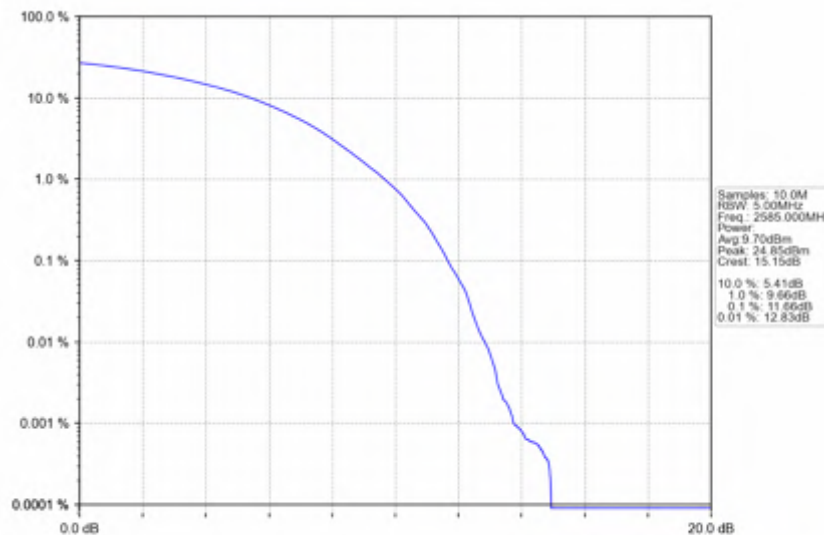
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_2605MHz_Outer_Full



n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2585MHz_Outer_Full



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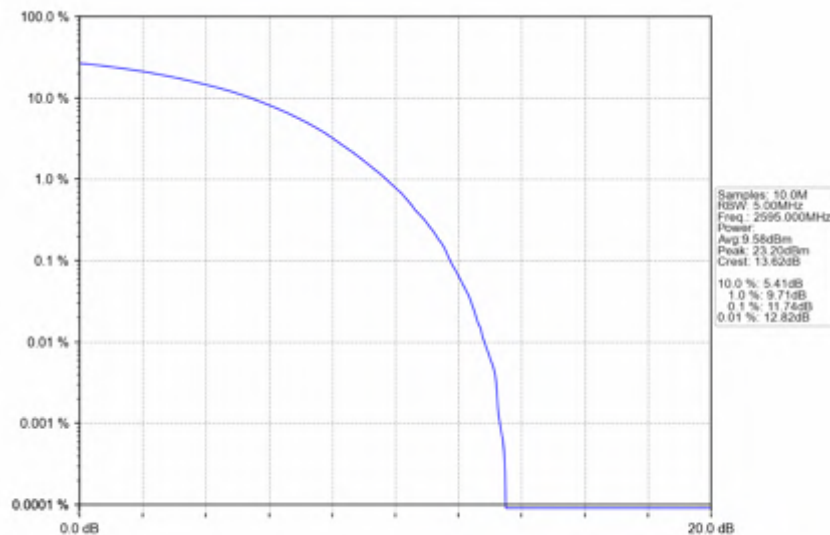
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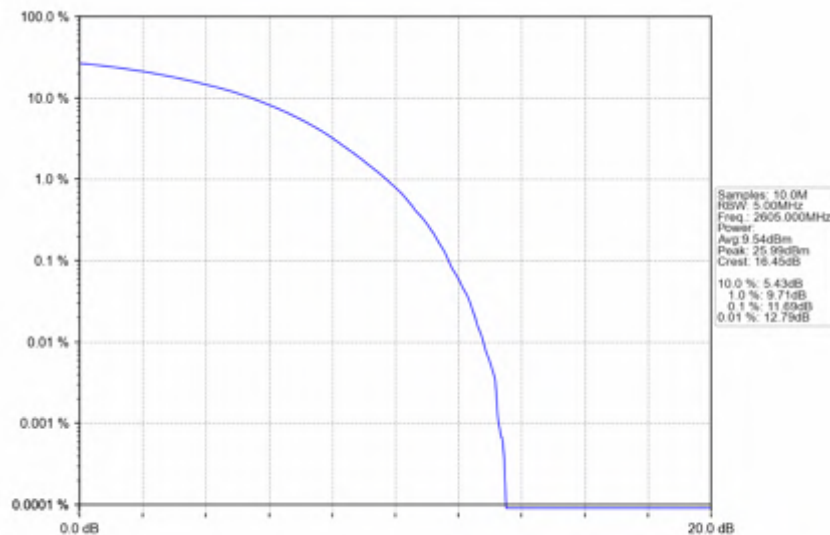
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n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2595MHz_Outer_Full



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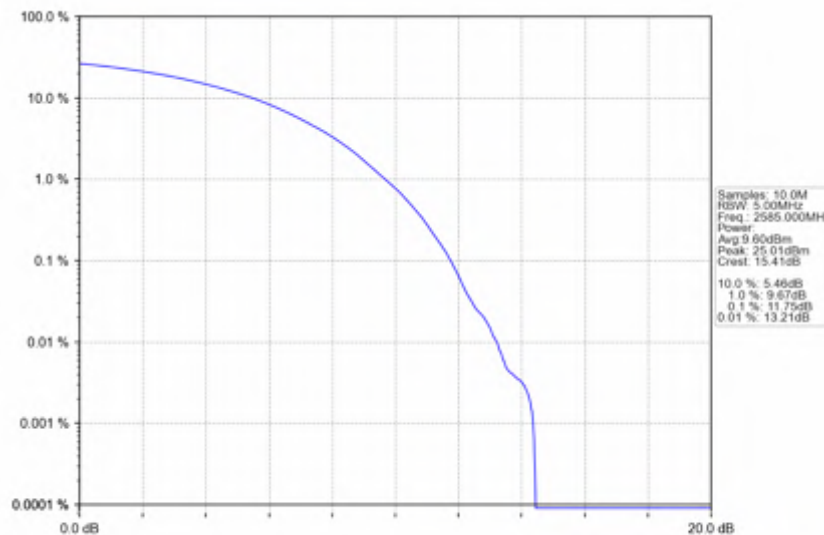
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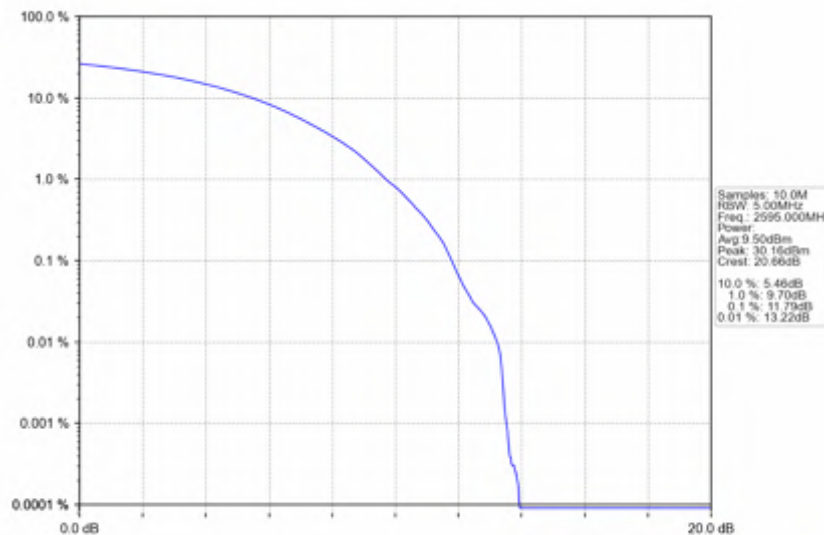
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n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_2585MHz_Outer_Full



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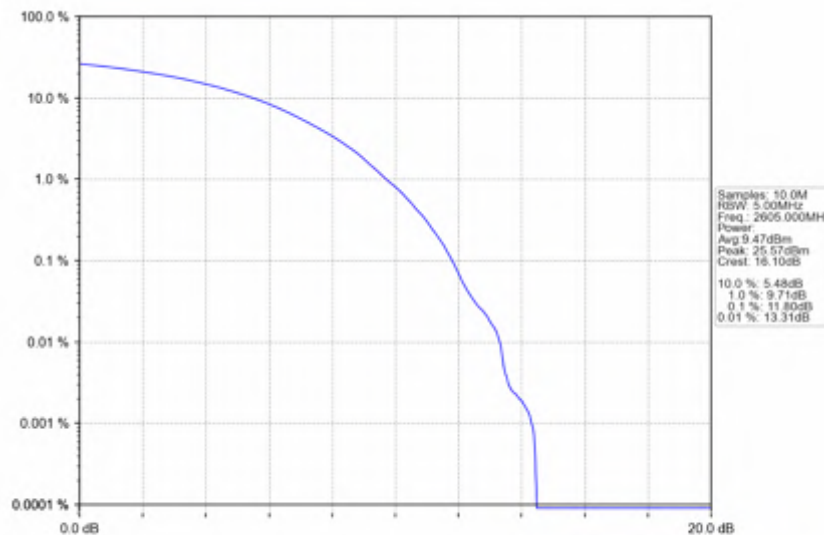


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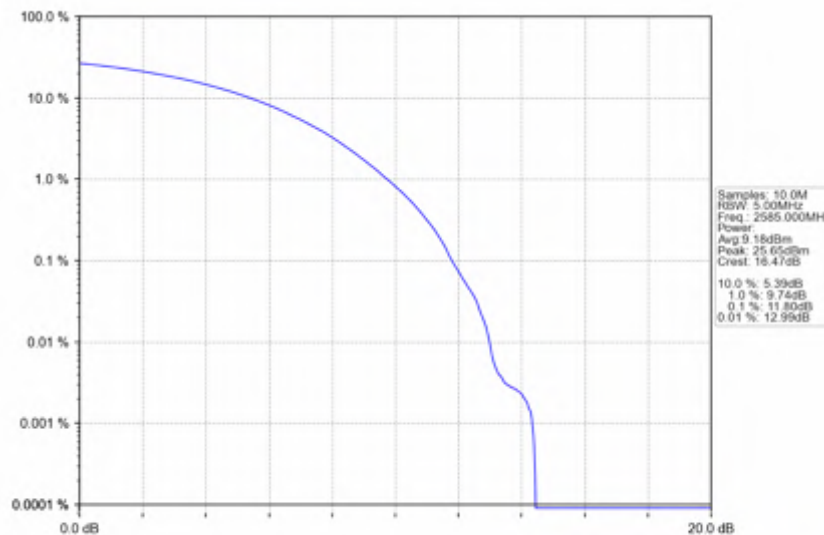
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n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_2605MHz_Outer_Full



n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2585MHz_Outer_Full



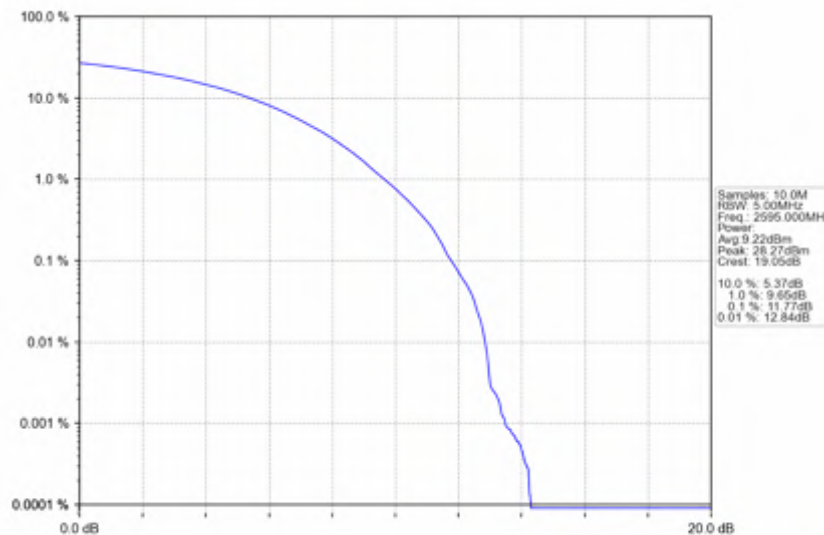
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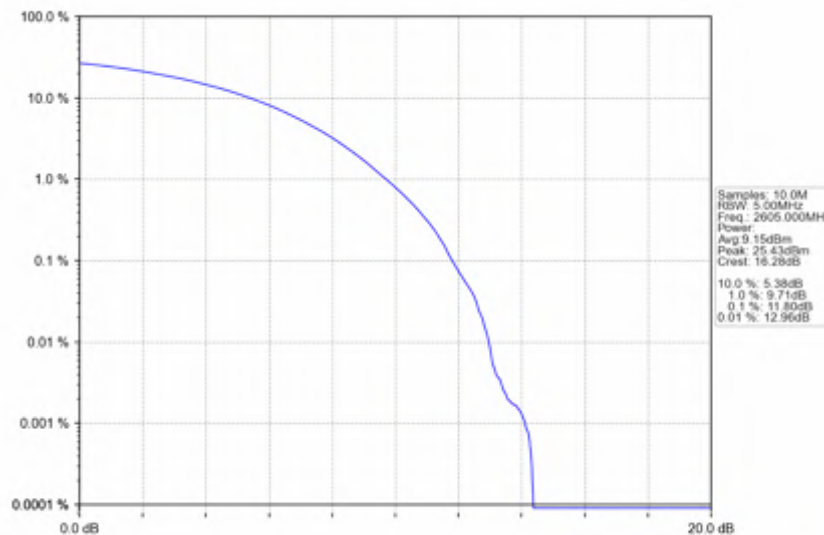
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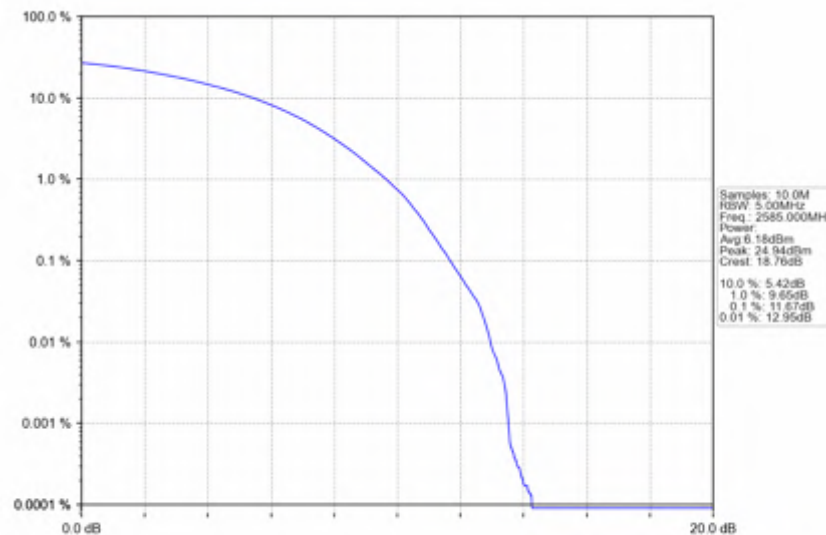
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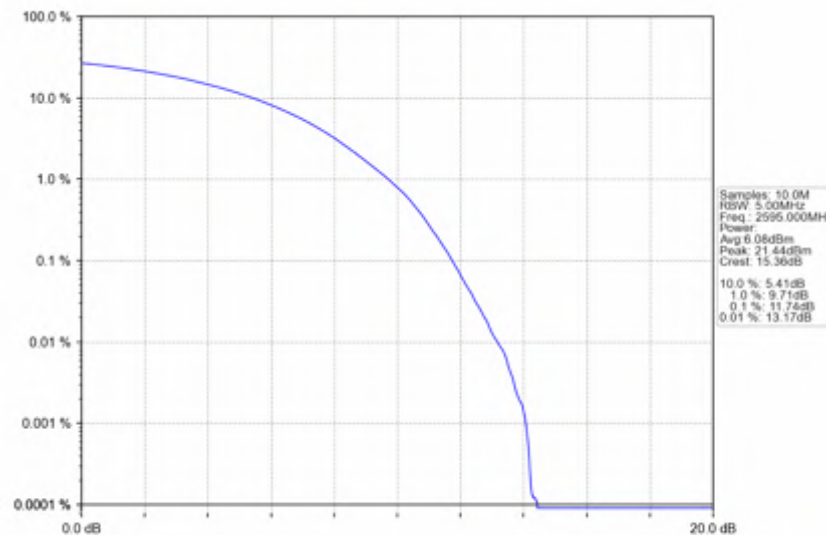
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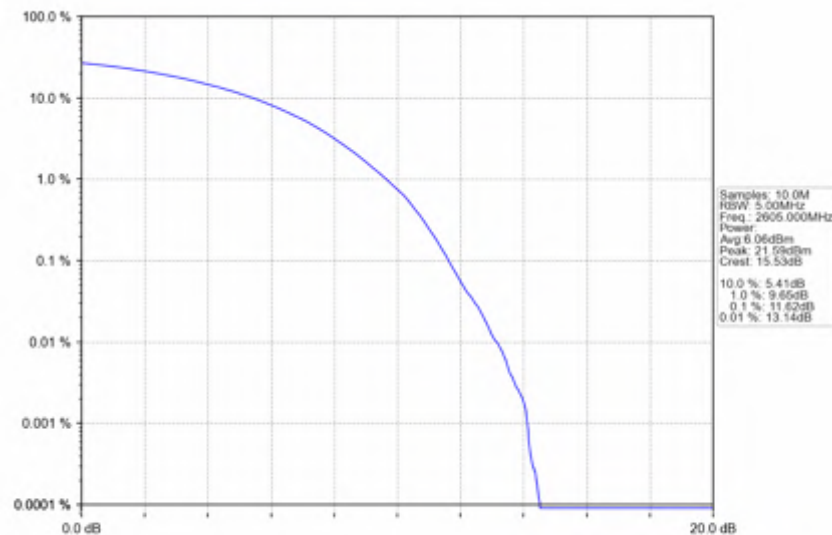


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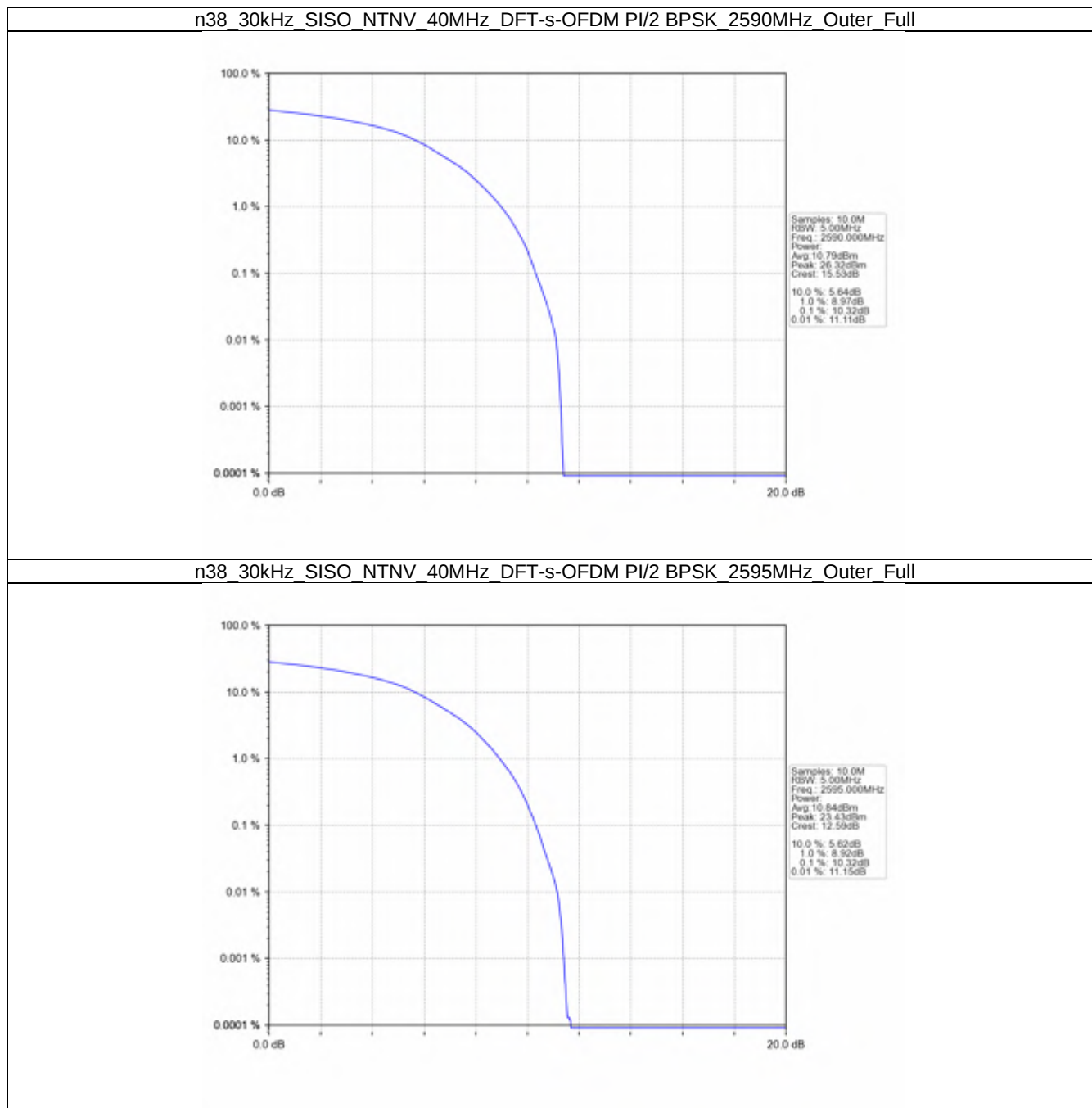
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5.13 30k_SISO_40MHz_NTNV

5.13.1 Test Result

5G NR n38 SCS=30kHz SISO 40MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2590	Outer_Full	10.32	/	/	<=13	Pass
	2595	Outer_Full	10.32	/	/	<=13	Pass
	2600	Outer_Full	10.29	/	/	<=13	Pass
DFT-s-OFDM QPSK	2590	Outer_Full	10.98	/	/	<=13	Pass
	2595	Outer_Full	10.88	/	/	<=13	Pass
	2600	Outer_Full	10.82	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2590	Outer_Full	10.96	/	/	<=13	Pass
	2595	Outer_Full	11.00	/	/	<=13	Pass
	2600	Outer_Full	11.05	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2590	Outer_Full	11.05	/	/	<=13	Pass
	2595	Outer_Full	11.14	/	/	<=13	Pass
	2600	Outer_Full	11.09	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2590	Outer_Full	11.43	/	/	<=13	Pass
	2595	Outer_Full	11.28	/	/	<=13	Pass
	2600	Outer_Full	11.40	/	/	<=13	Pass
CP-OFDM QPSK	2590	Outer_Full	11.69	/	/	<=13	Pass
	2595	Outer_Full	11.51	/	/	<=13	Pass
	2600	Outer_Full	11.73	/	/	<=13	Pass
CP-OFDM 16 QAM	2590	Outer_Full	11.64	/	/	<=13	Pass
	2595	Outer_Full	11.62	/	/	<=13	Pass
	2600	Outer_Full	11.61	/	/	<=13	Pass
CP-OFDM 64 QAM	2590	Outer_Full	11.58	/	/	<=13	Pass
	2595	Outer_Full	11.73	/	/	<=13	Pass
	2600	Outer_Full	11.77	/	/	<=13	Pass
CP-OFDM 256 QAM	2590	Outer_Full	11.59	/	/	<=13	Pass
	2595	Outer_Full	11.68	/	/	<=13	Pass
	2600	Outer_Full	11.80	/	/	<=13	Pass

5.13.2 Test Graph



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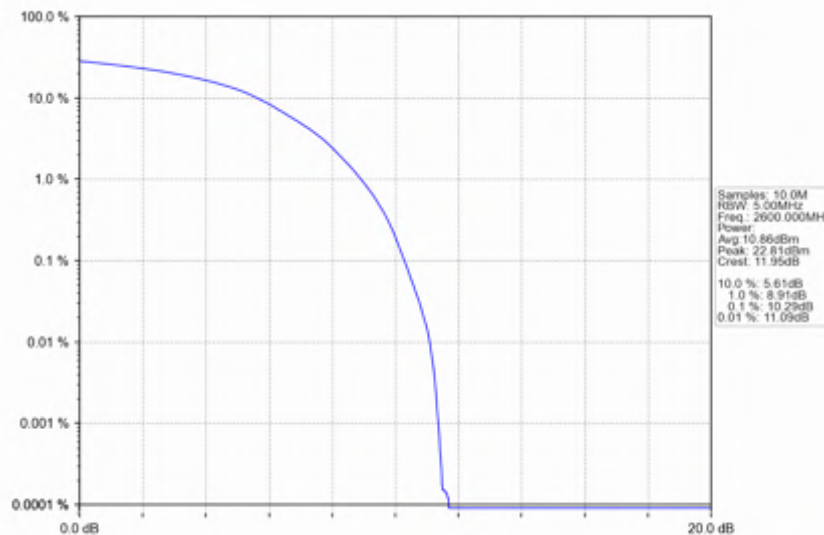
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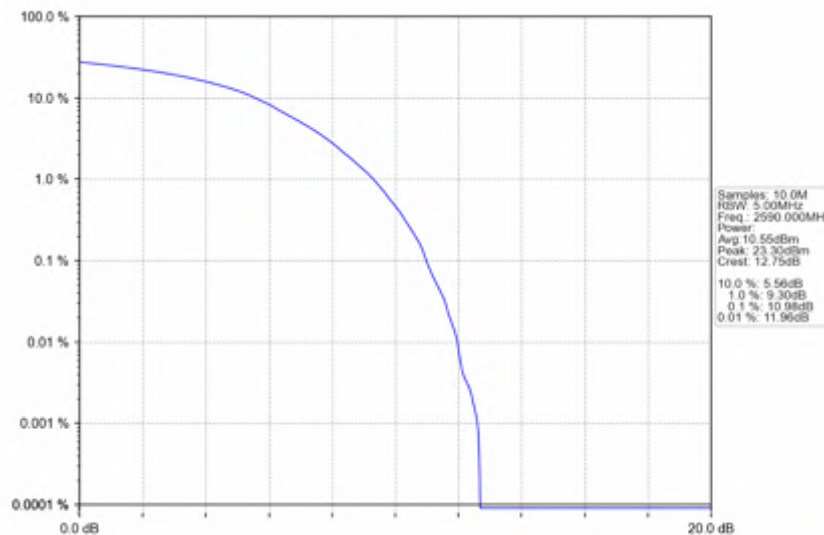
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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Outer_Full



n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2590MHz_Outer_Full



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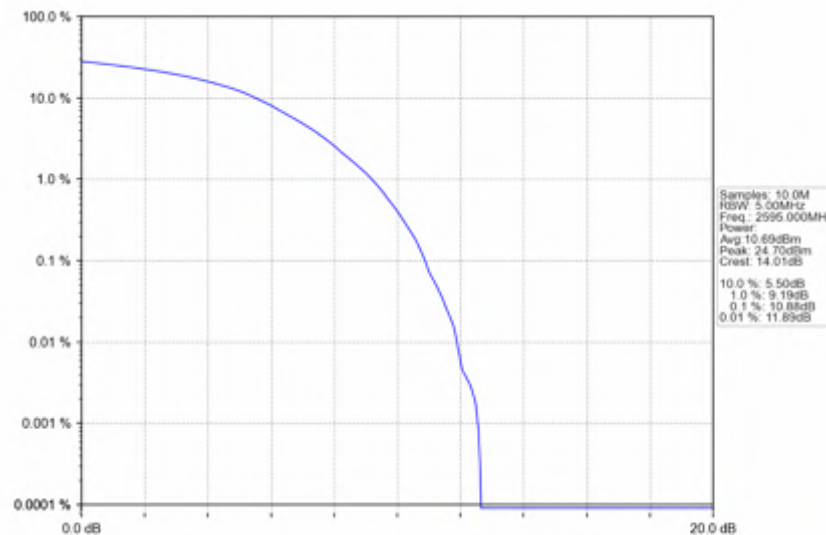
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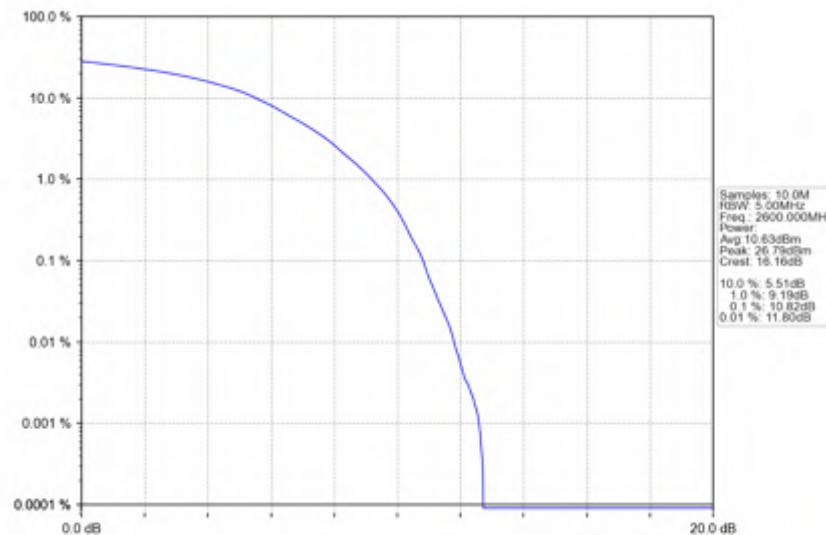
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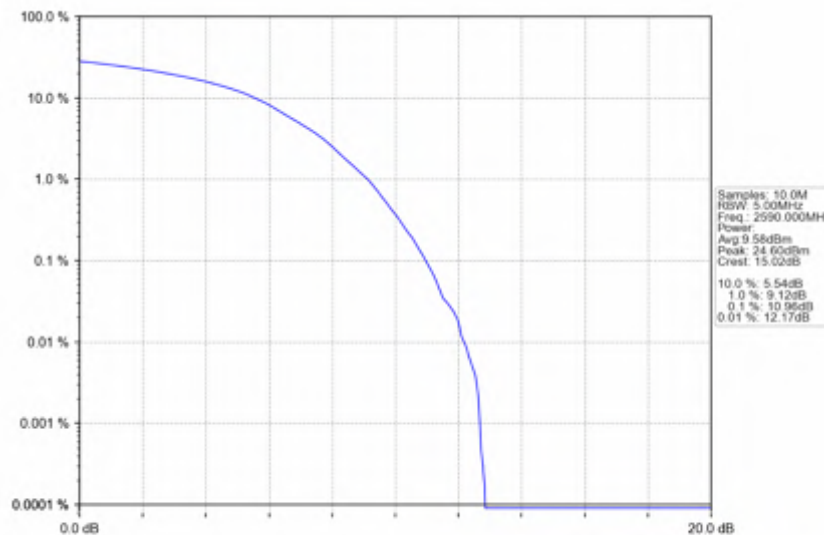


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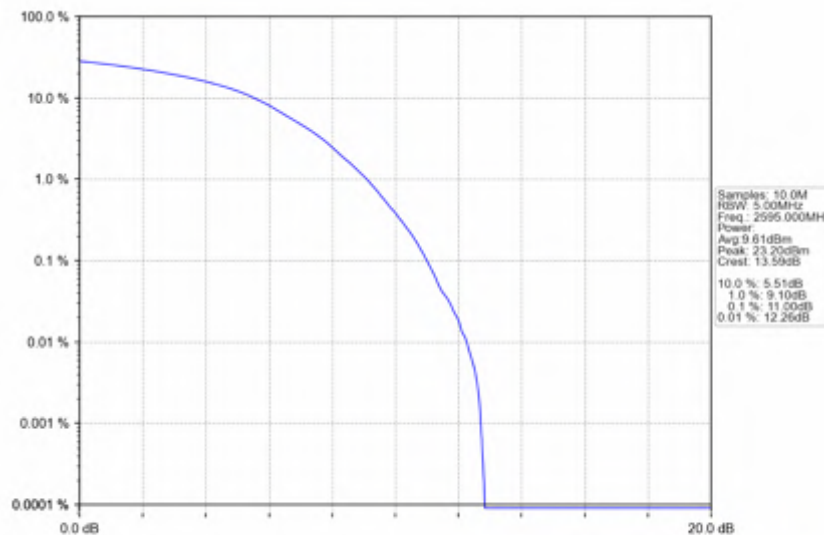
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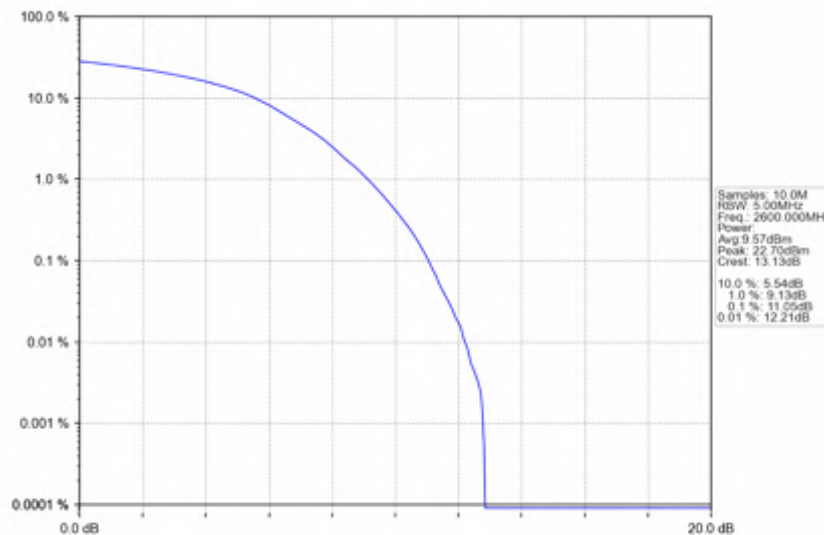
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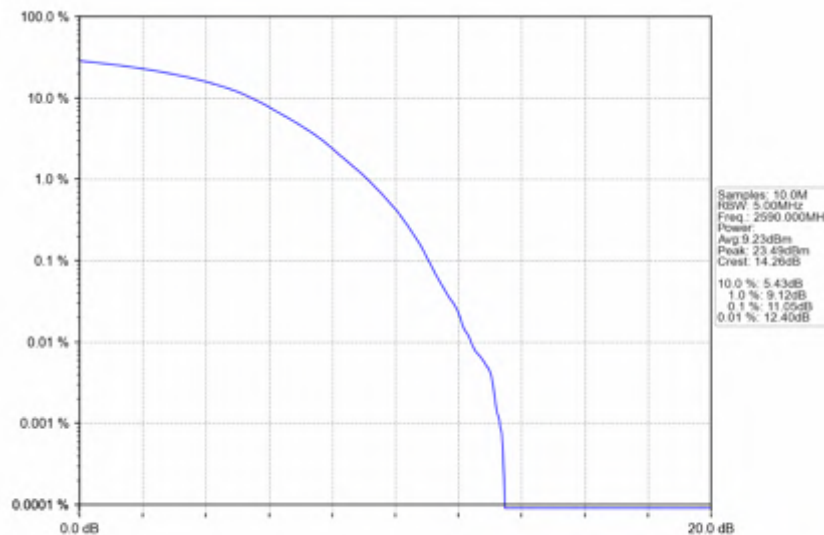
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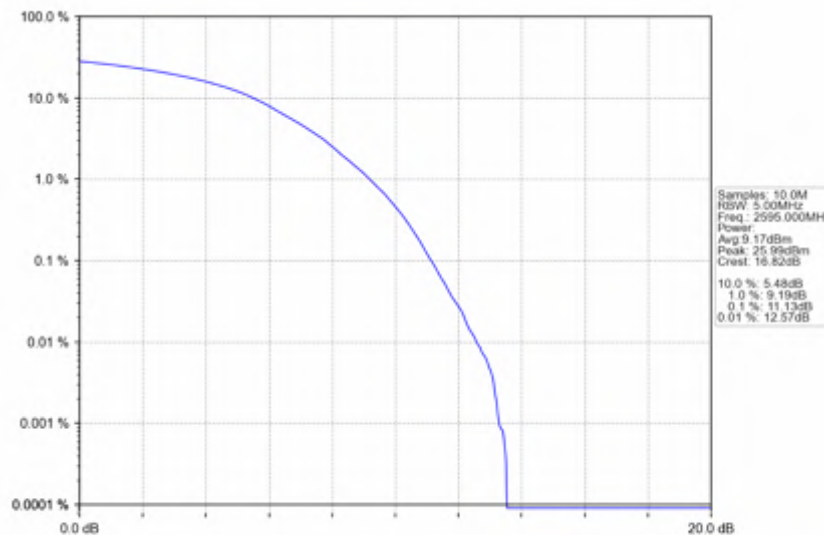
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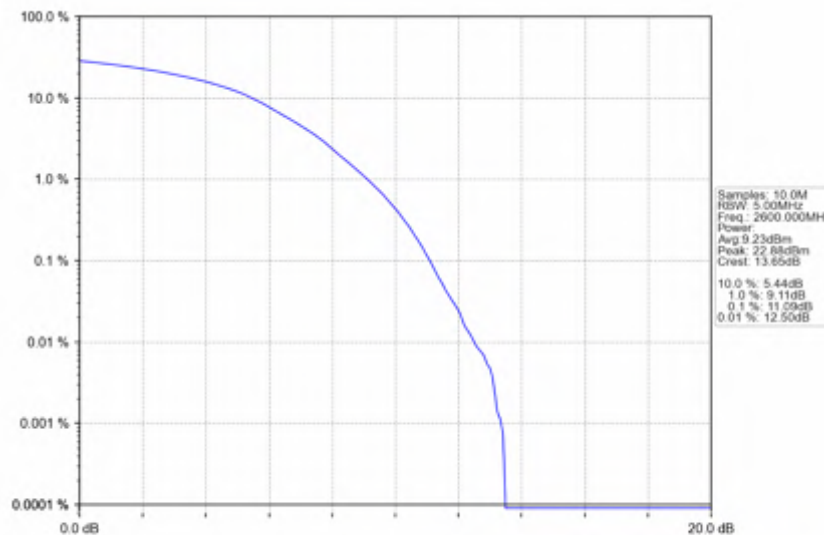
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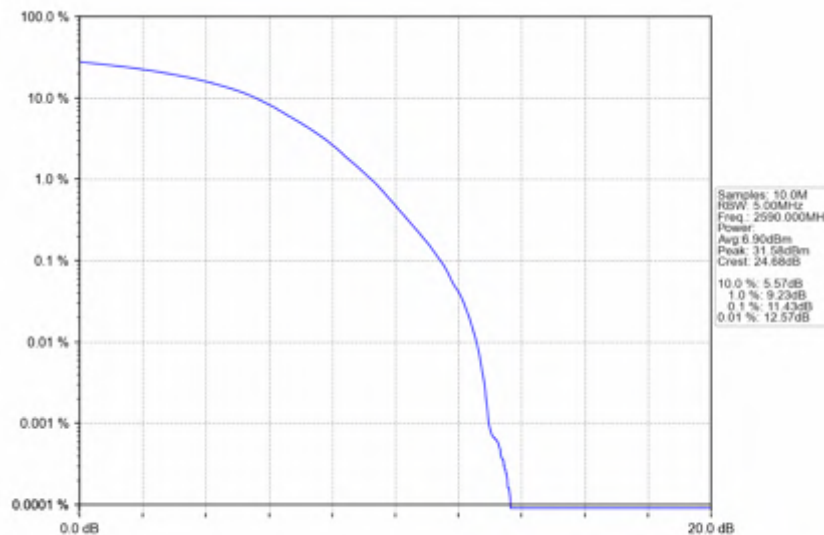
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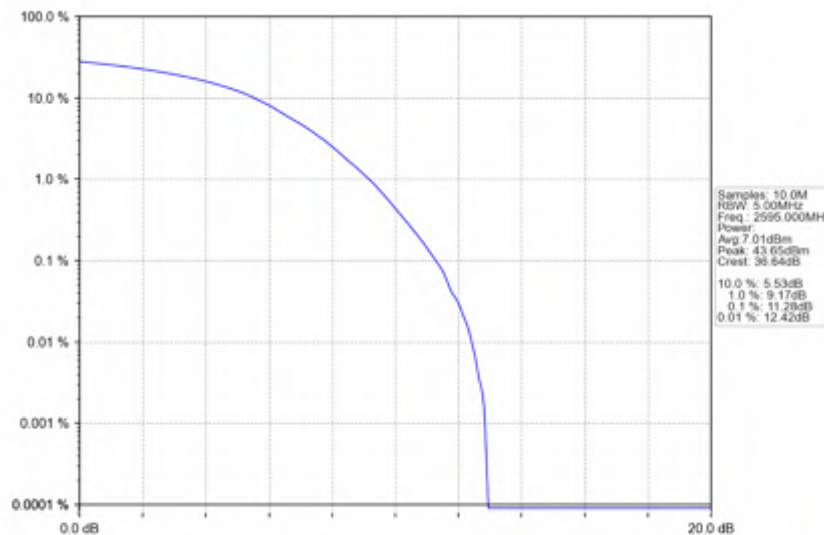
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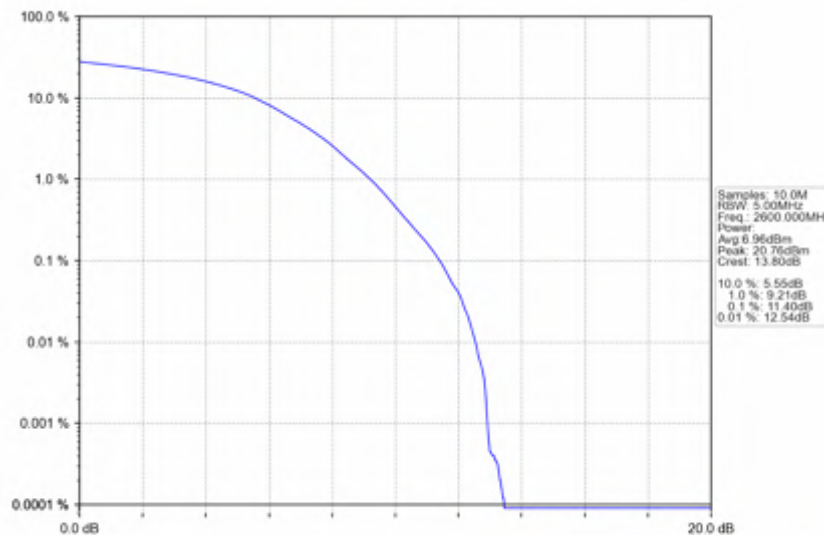
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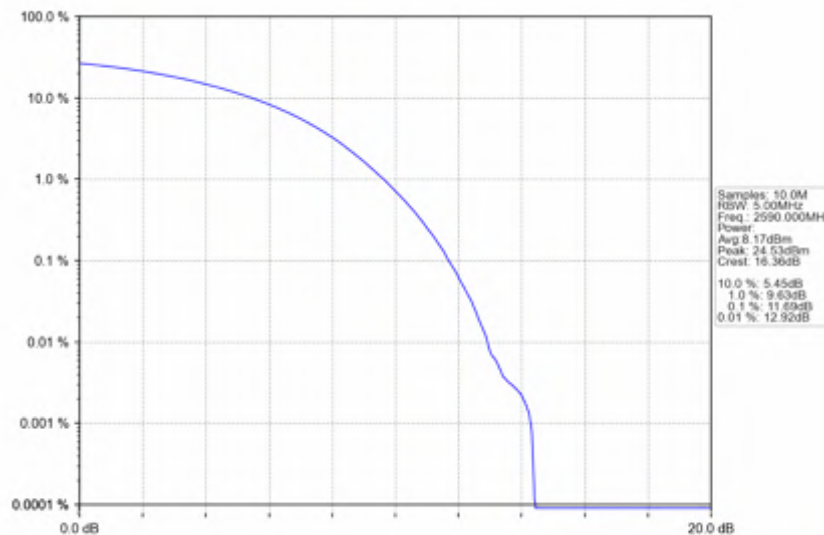
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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_2600MHz_Outer_Full



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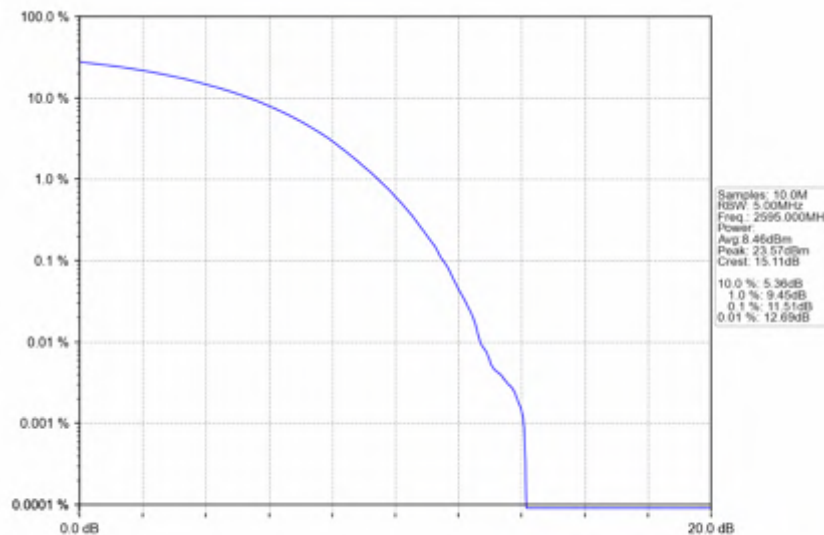
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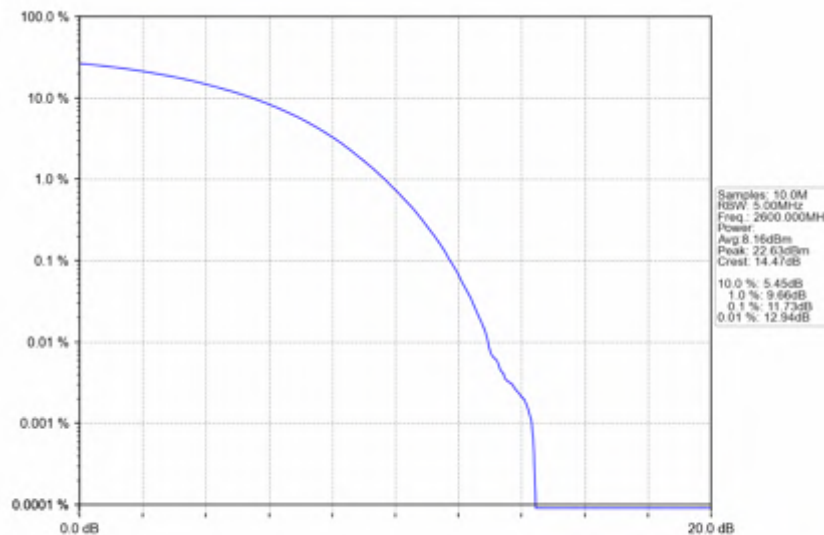
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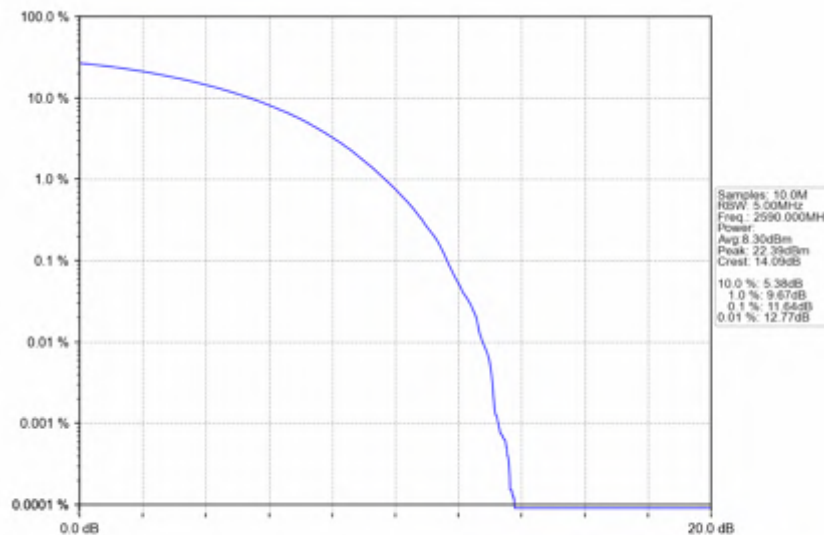
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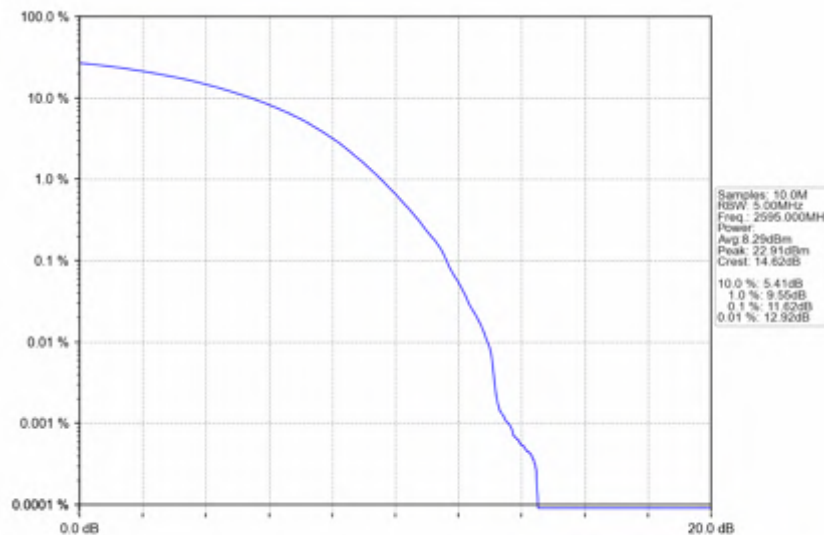
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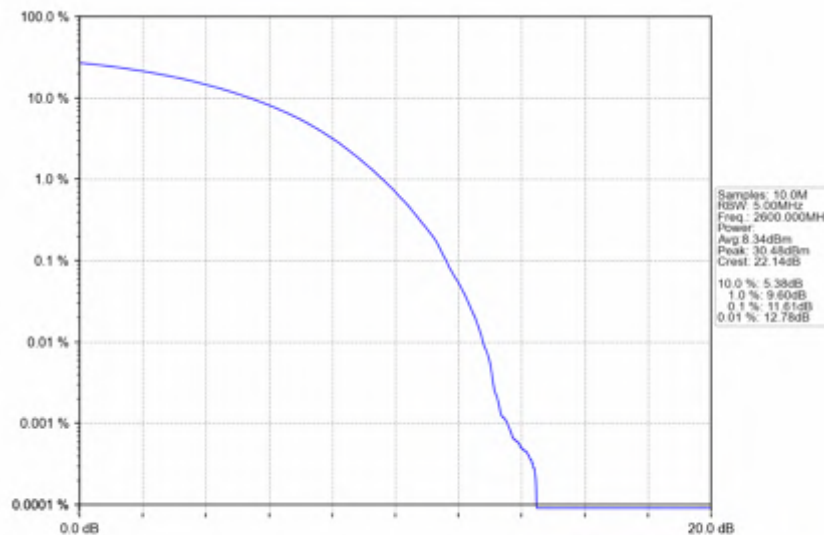
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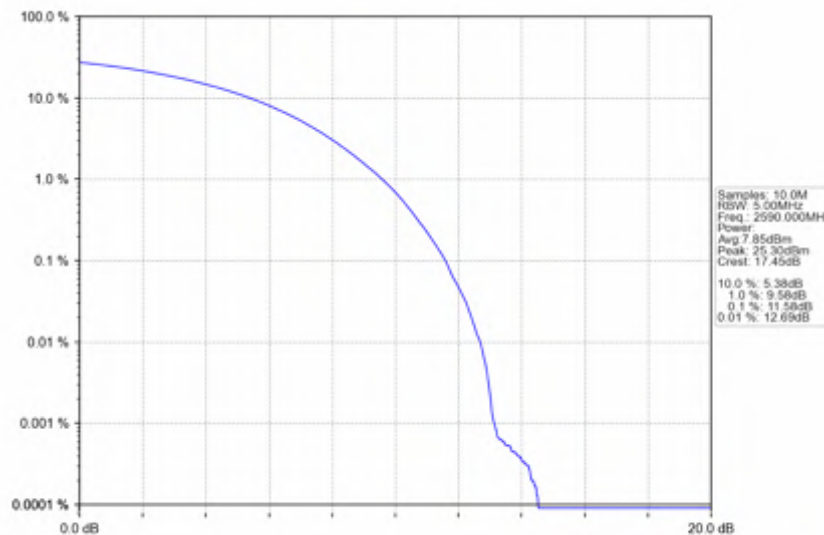
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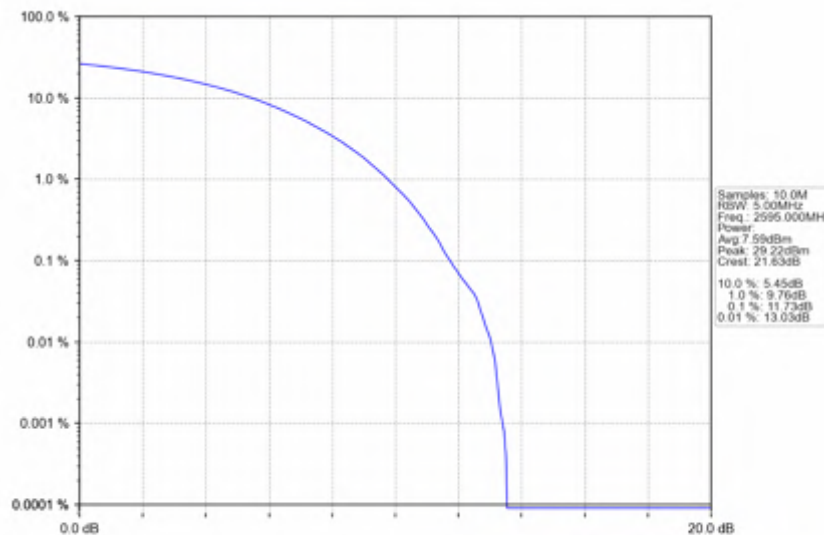
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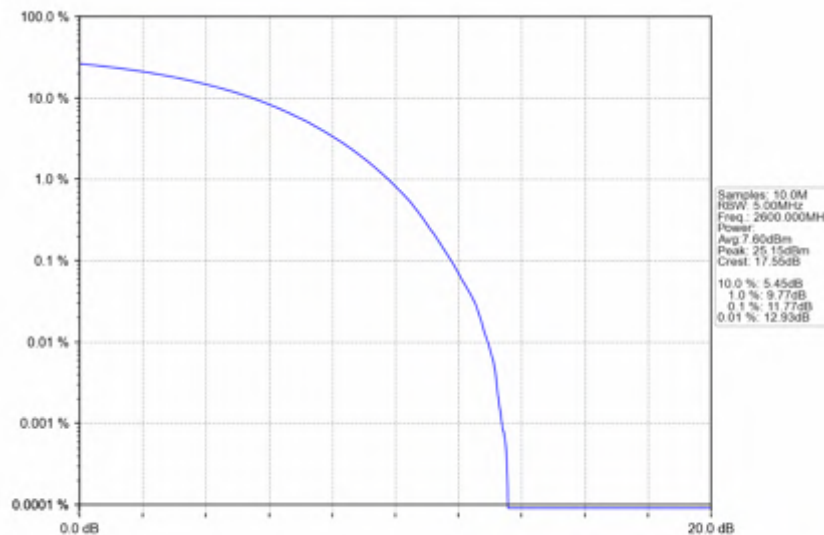
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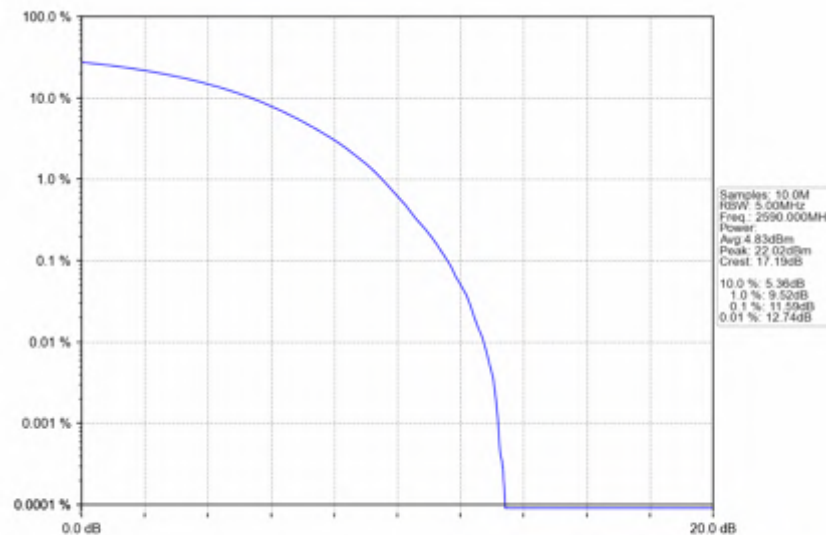
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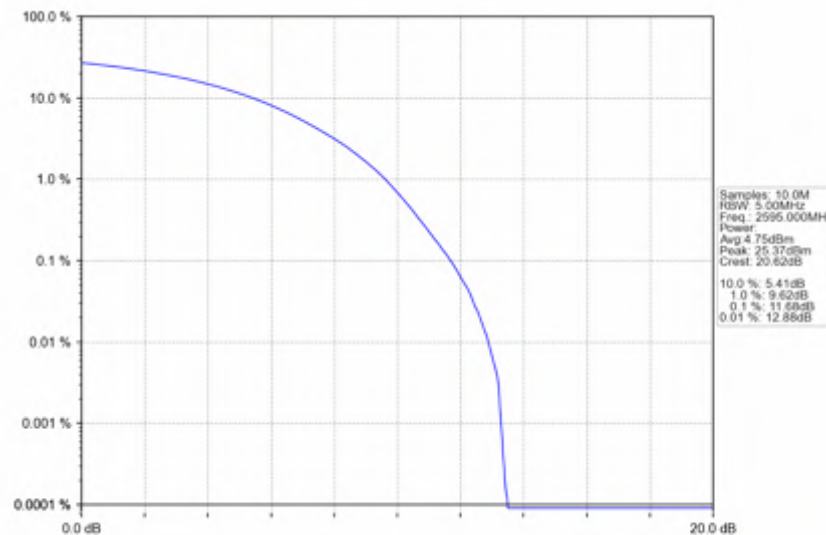
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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2590MHz_Outer_Full



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2595MHz_Outer_Full



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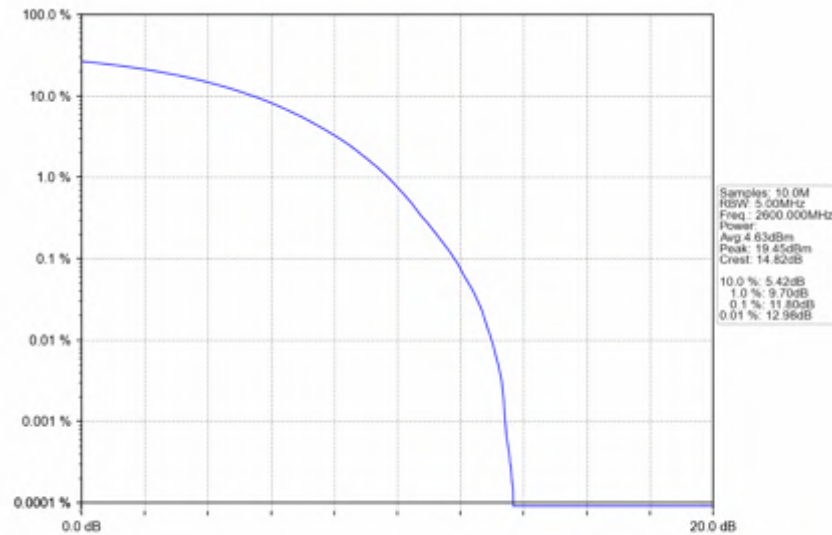
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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2600MHz_Outer_Full



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6. n41 Peak-Average Ratio

6.1 15k_SISO_10MHz_NTNV

6.1.1 Test Result

5G NR n41 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	2501.01	Outer_Full	7.68	/	/	<=13	Pass
	2593.005	Outer_Full	7.81	/	/	<=13	Pass
	2685	Outer_Full	7.68	/	/	<=13	Pass
DFT-s-OFDM QPSK	2501.01	Outer_Full	7.78	/	/	<=13	Pass
	2593.005	Outer_Full	7.87	/	/	<=13	Pass
	2685	Outer_Full	7.84	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer_Full	9.81	/	/	<=13	Pass
	2593.005	Outer_Full	10.00	/	/	<=13	Pass
	2685	Outer_Full	9.75	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer_Full	10.25	/	/	<=13	Pass
	2593.005	Outer_Full	10.13	/	/	<=13	Pass
	2685	Outer_Full	10.27	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2501.01	Outer_Full	11.24	/	/	<=13	Pass
	2593.005	Outer_Full	11.43	/	/	<=13	Pass
	2685	Outer_Full	11.09	/	/	<=13	Pass
CP-OFDM QPSK	2501.01	Outer_Full	11.80	/	/	<=13	Pass
	2593.005	Outer_Full	11.78	/	/	<=13	Pass
	2685	Outer_Full	11.72	/	/	<=13	Pass
CP-OFDM 16 QAM	2501.01	Outer_Full	11.51	/	/	<=13	Pass
	2593.005	Outer_Full	11.42	/	/	<=13	Pass
	2685	Outer_Full	11.53	/	/	<=13	Pass
CP-OFDM 64 QAM	2501.01	Outer_Full	11.77	/	/	<=13	Pass
	2593.005	Outer_Full	11.83	/	/	<=13	Pass
	2685	Outer_Full	11.82	/	/	<=13	Pass
CP-OFDM 256 QAM	2501.01	Outer_Full	12.35	/	/	<=13	Pass
	2593.005	Outer_Full	11.94	/	/	<=13	Pass
	2685	Outer_Full	12.30	/	/	<=13	Pass



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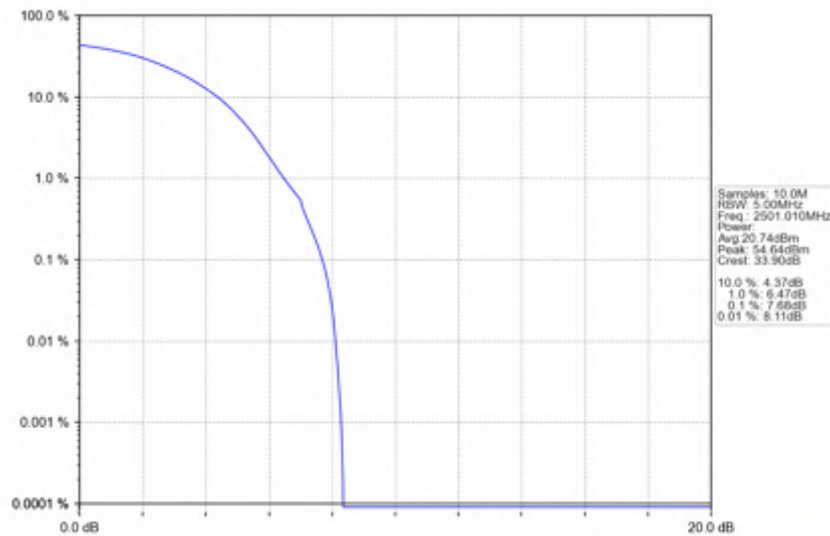
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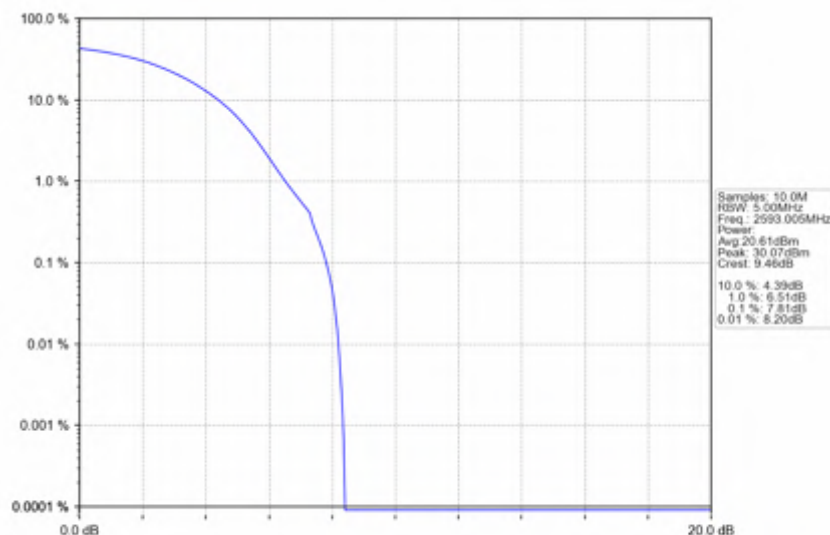
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6.1.2 Test Graph

n41_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2501.01MHz_Outer_Full



n41_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2593.005MHz_Outer_Full

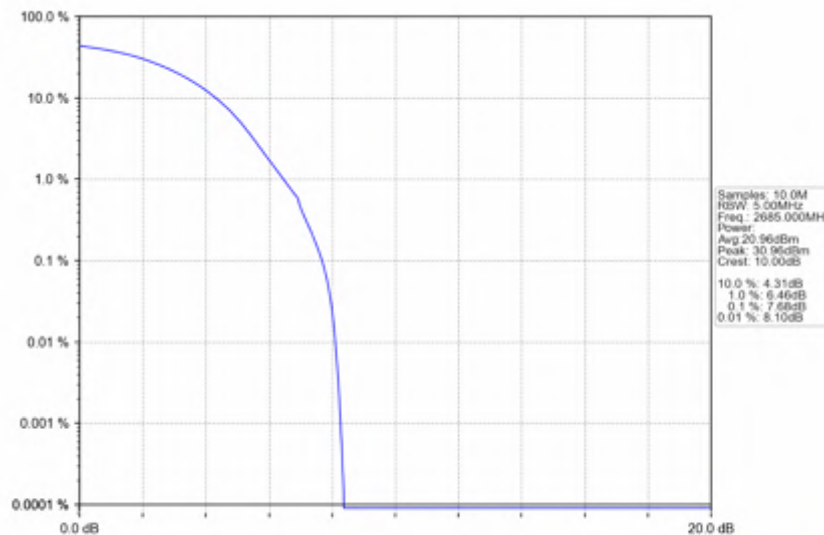


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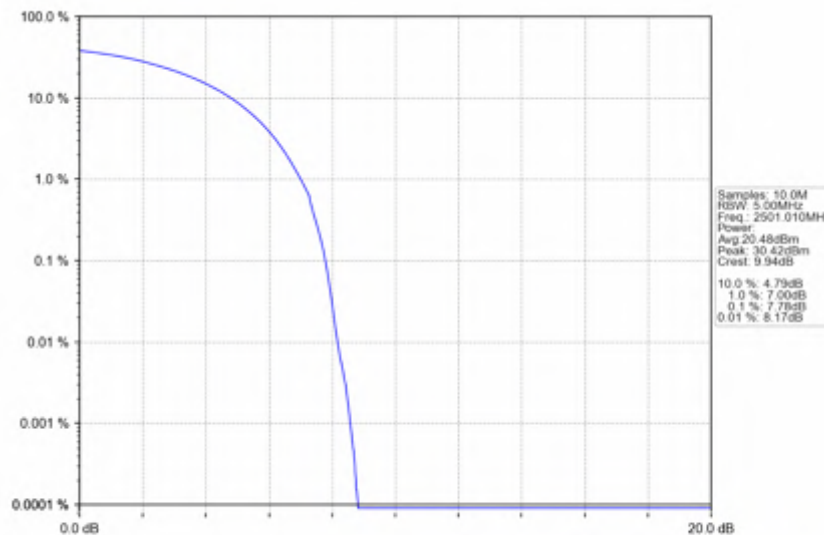
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n41_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2685MHz_Outer_Full



n41_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2501.01MHz_Outer_Full



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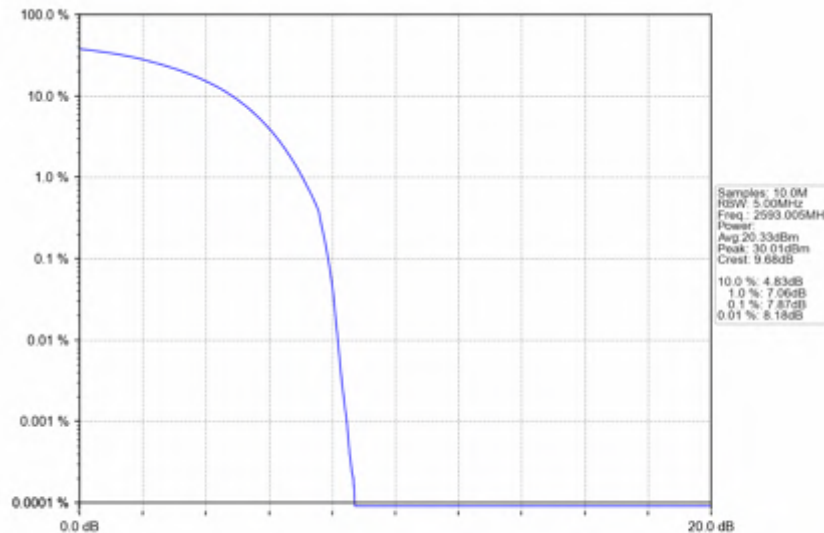
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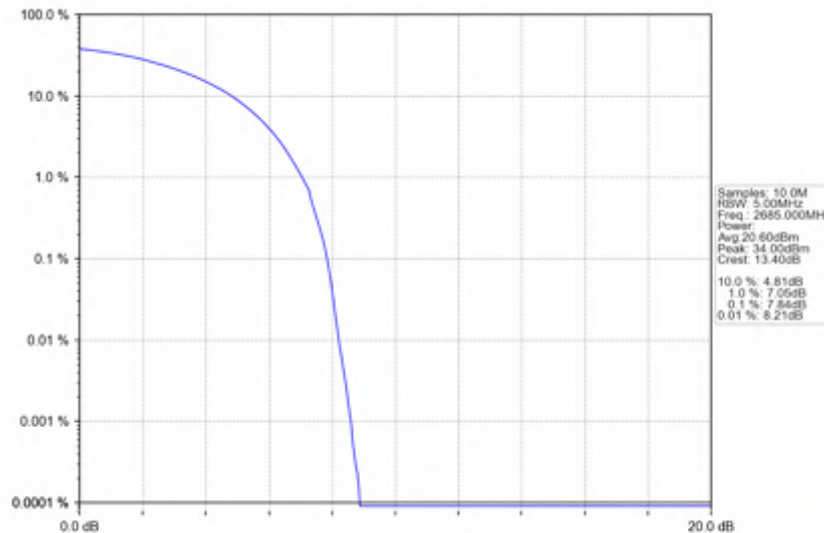
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n41_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2593.005MHz_Outer_Full



n41_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2685MHz_Outer_Full



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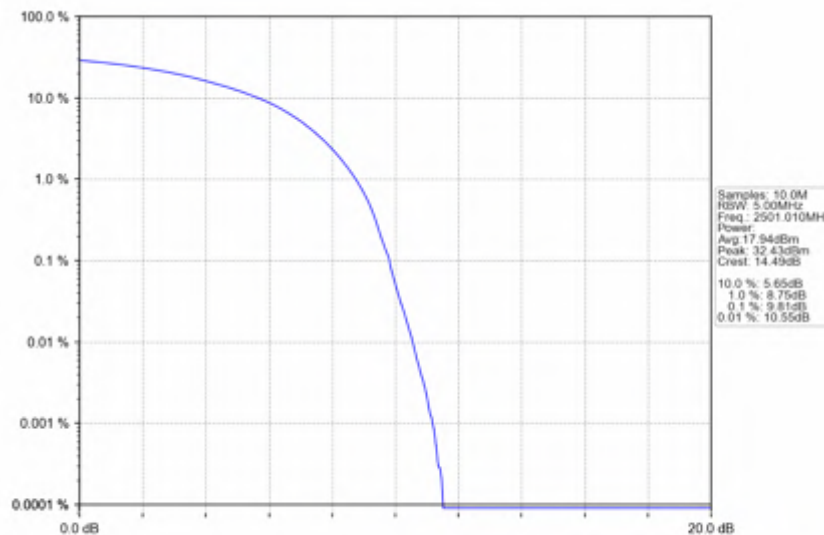
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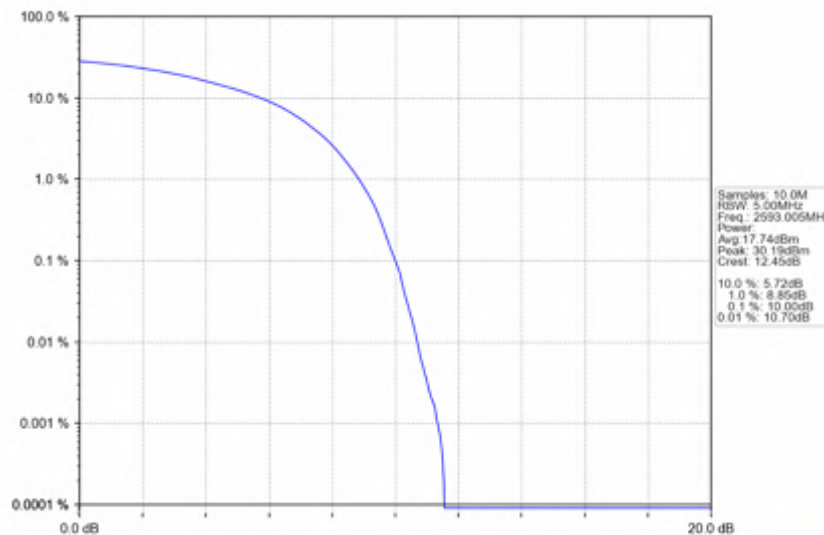
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n41_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2593.005MHz_Outer_Full



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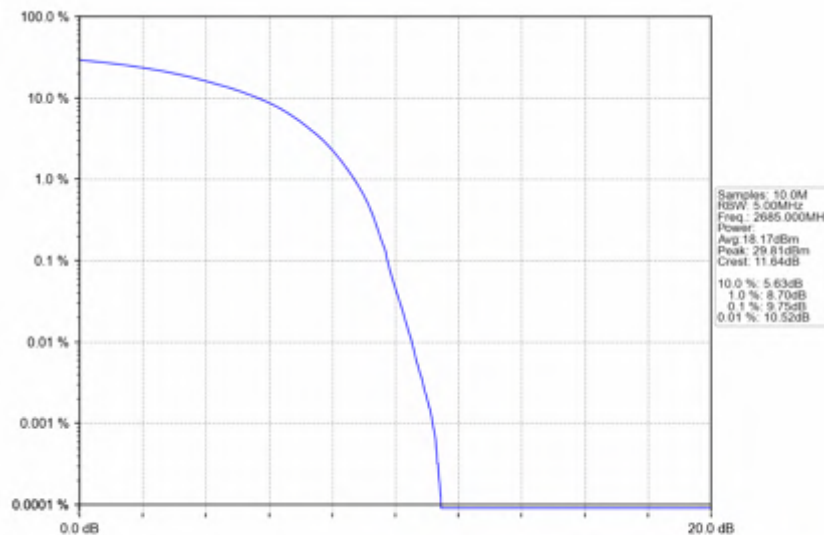
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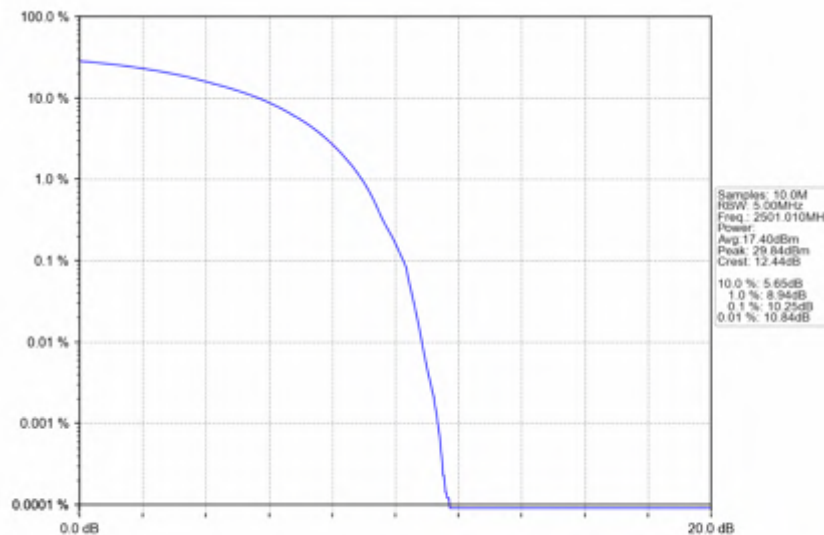
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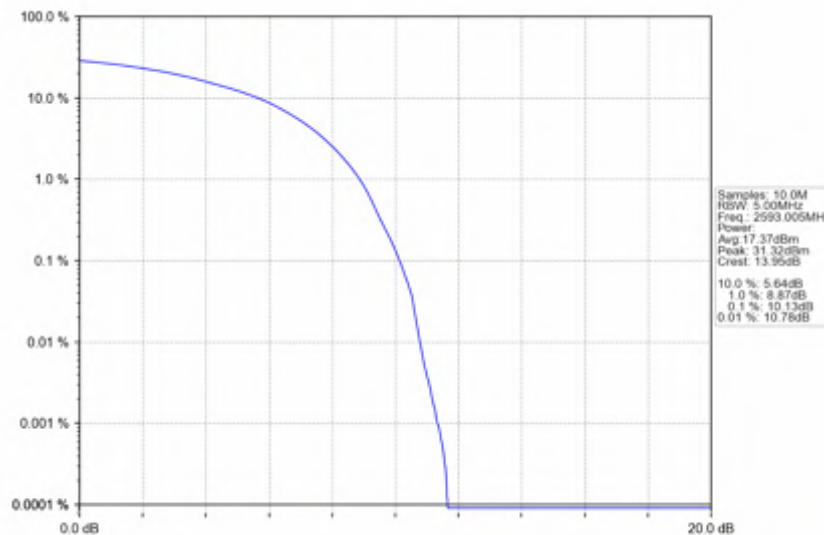
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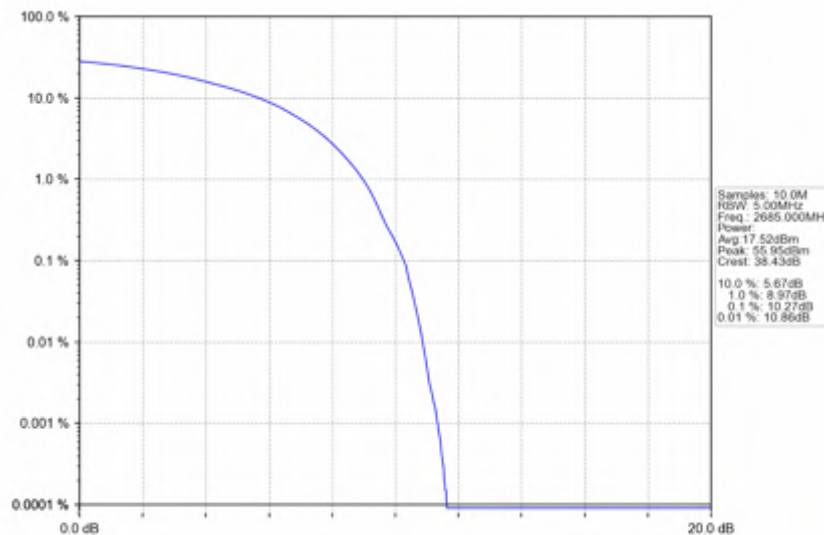
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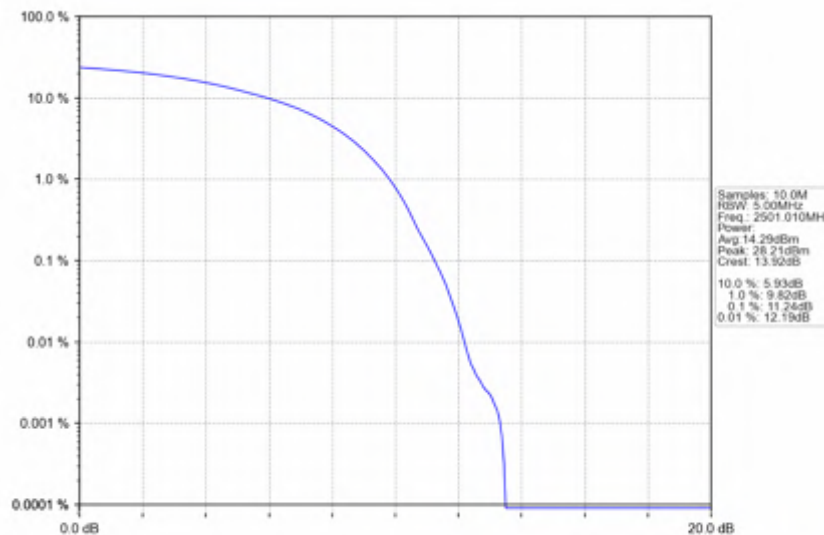
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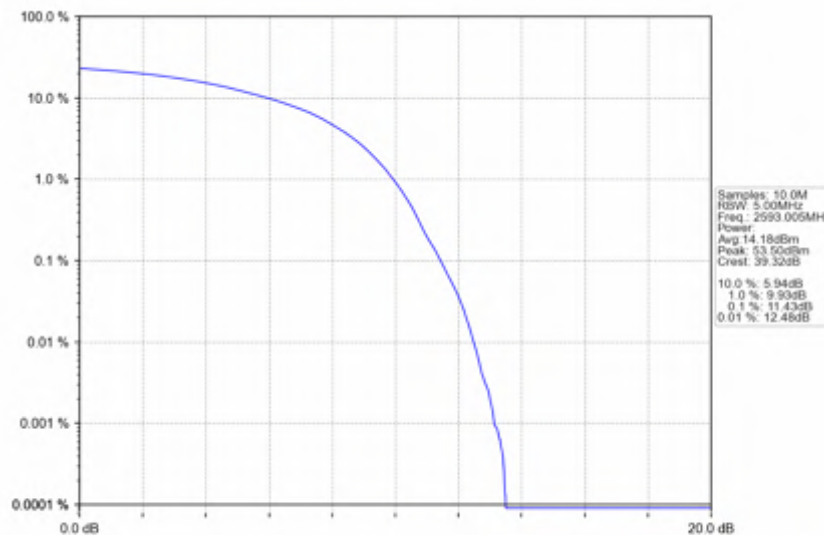
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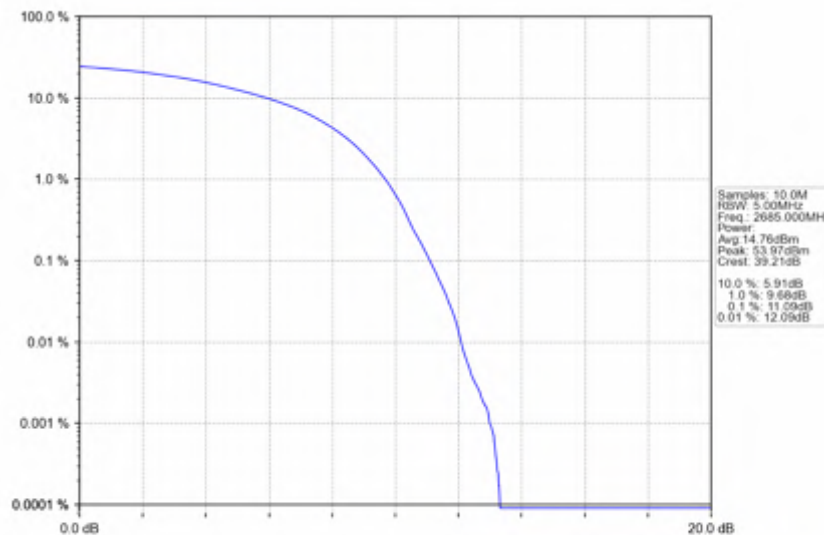


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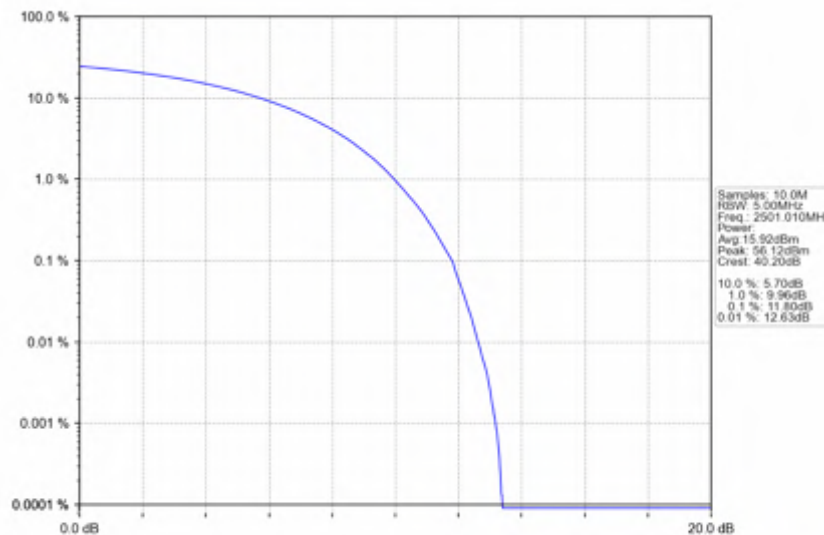
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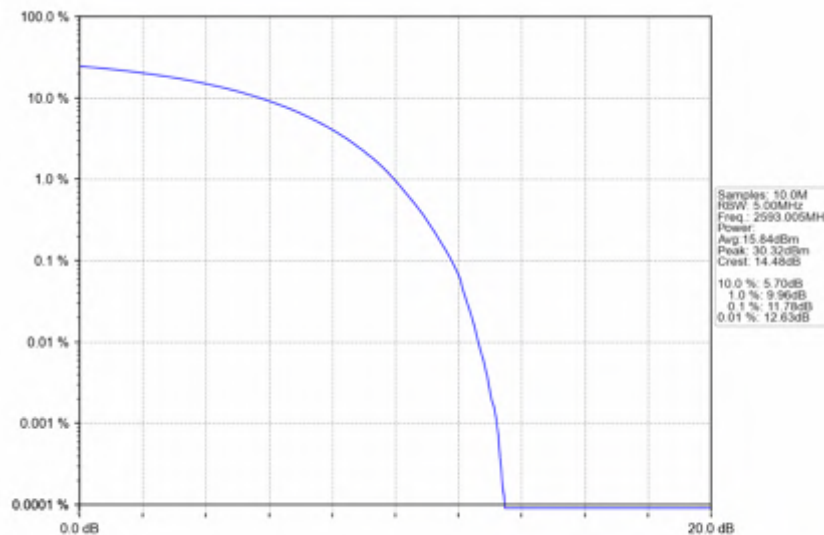
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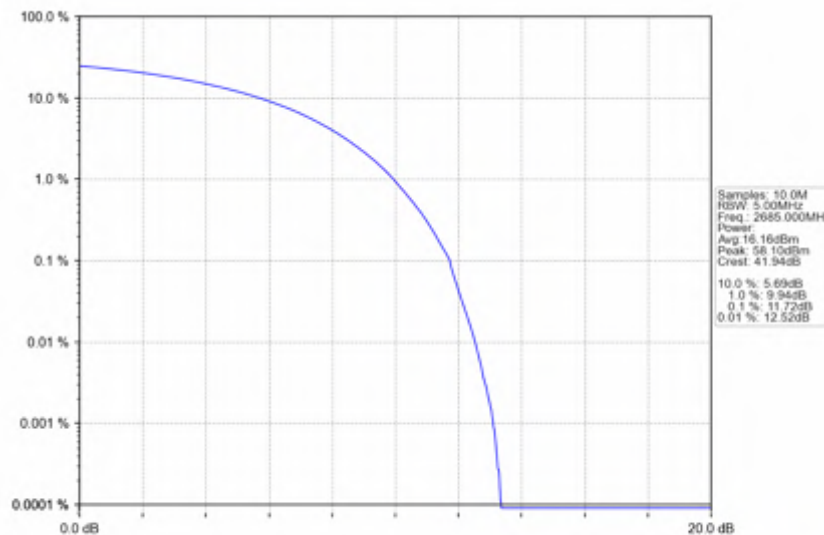
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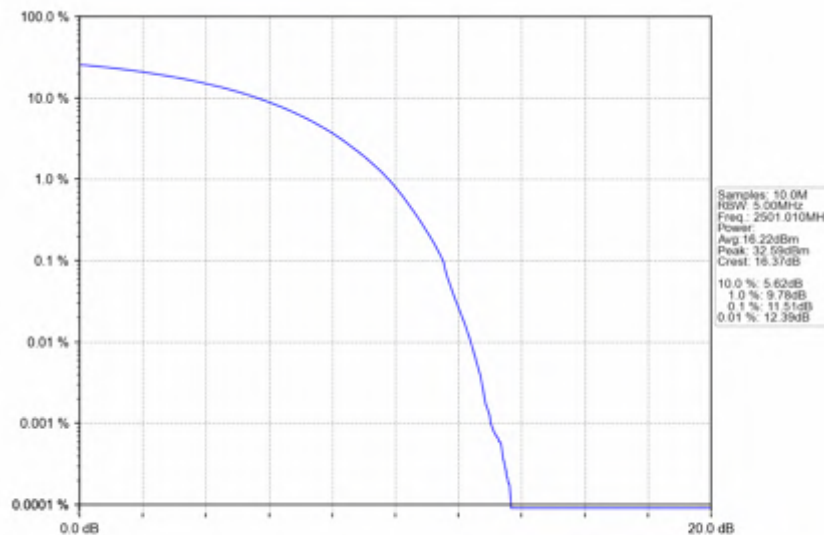
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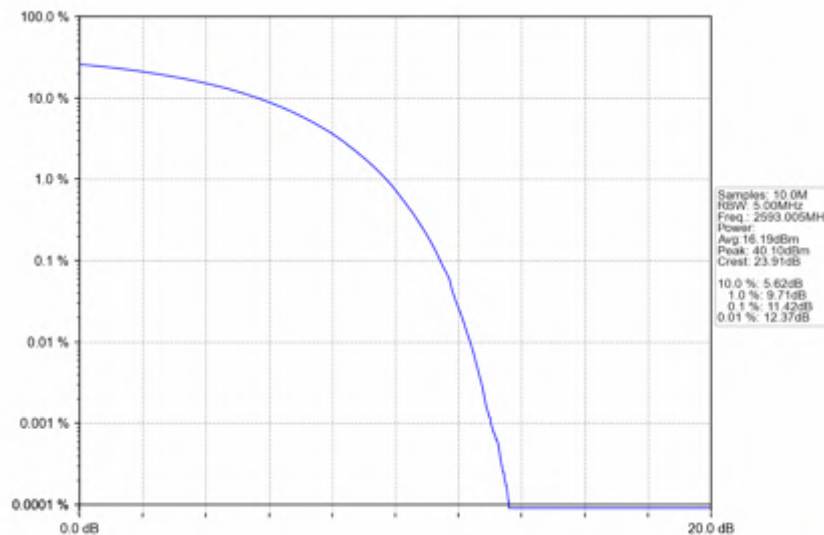
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n41_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2593.005MHz_Outer_Full

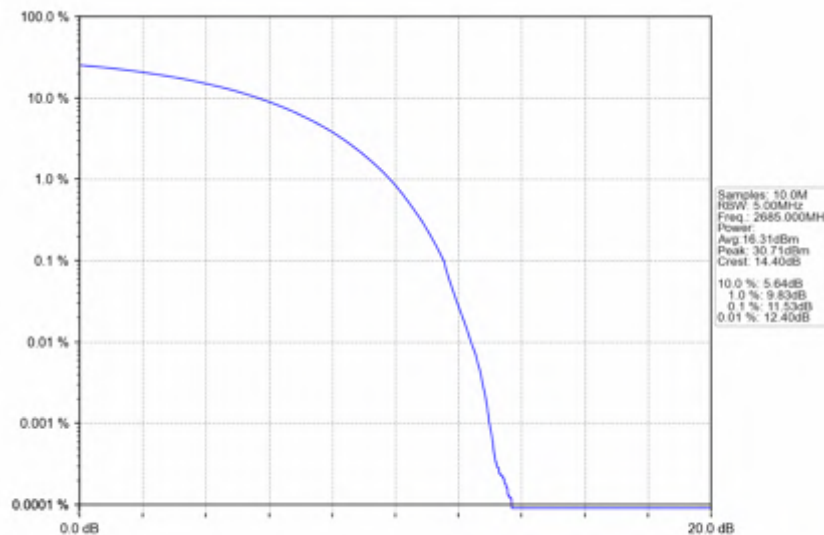


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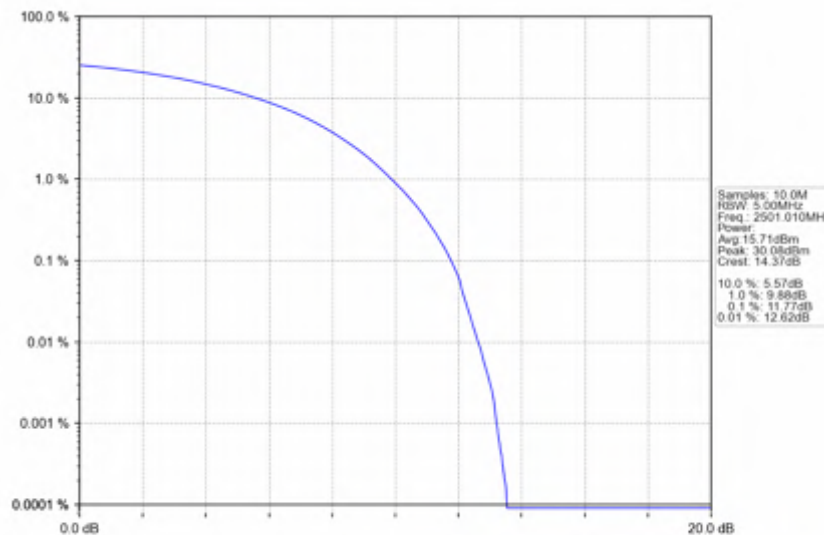
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n41_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2685MHz_Outer_Full



n41_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2501.01MHz_Outer_Full



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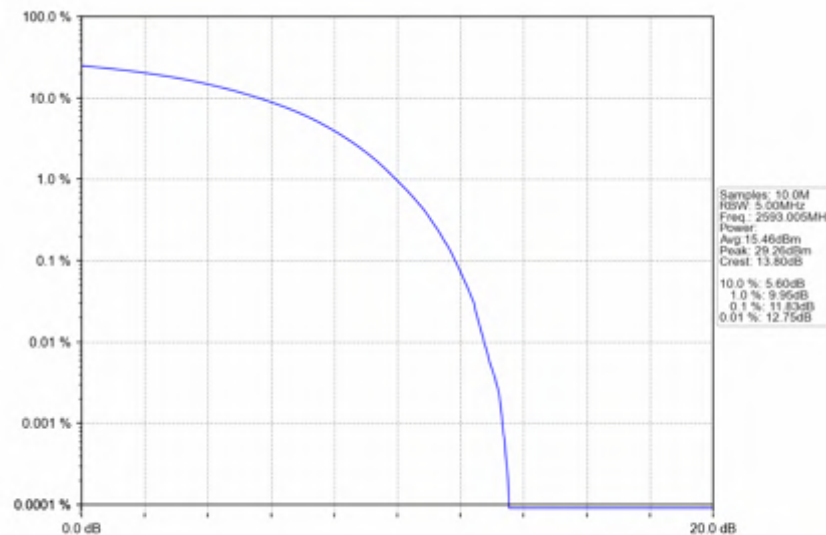
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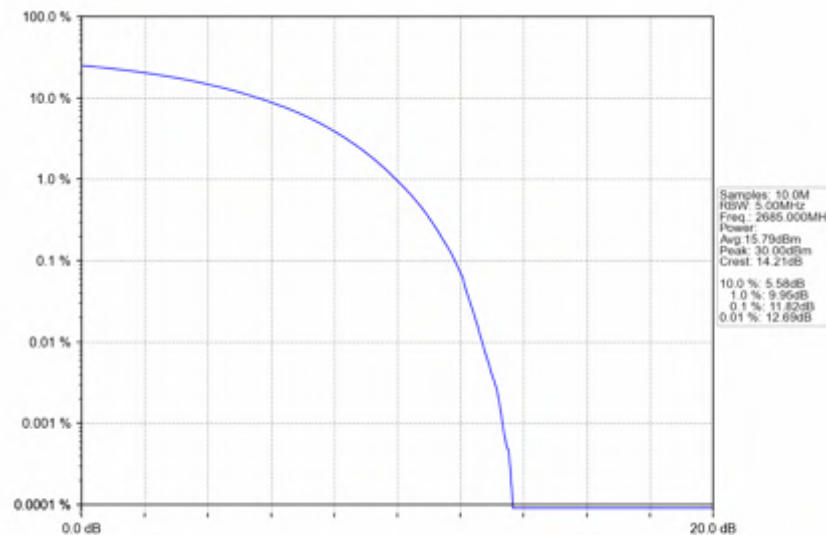
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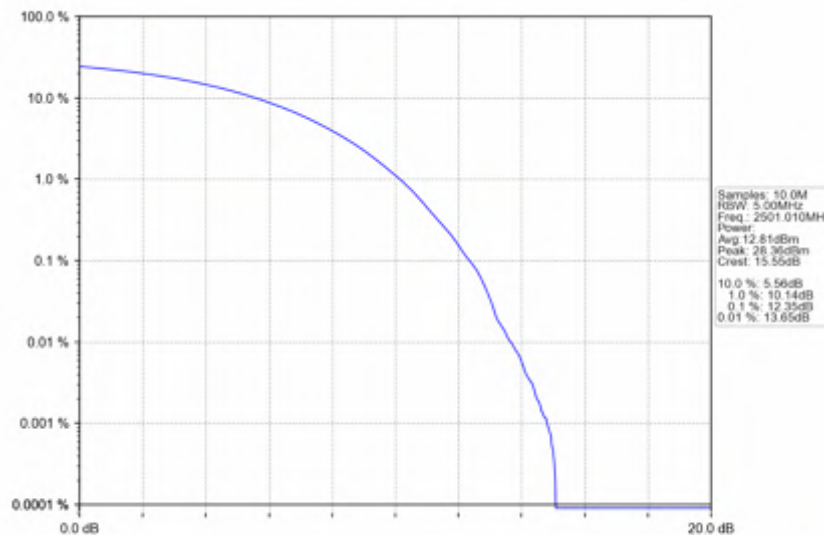
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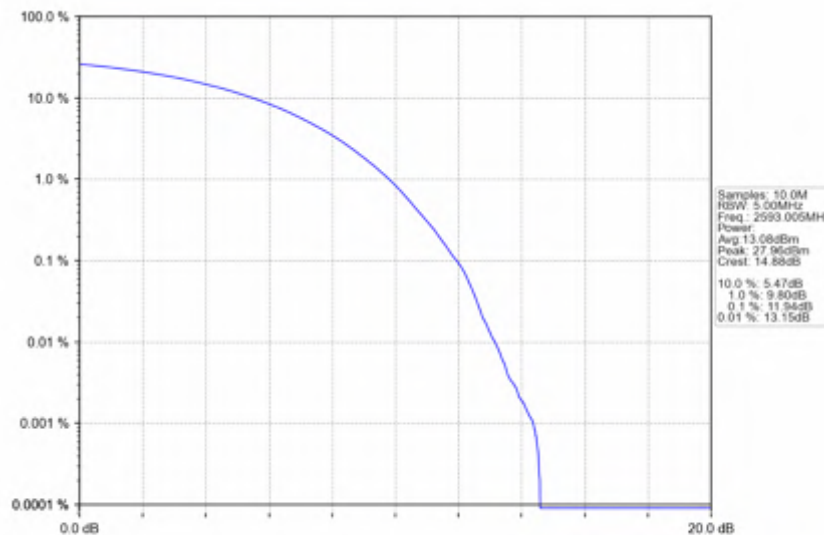
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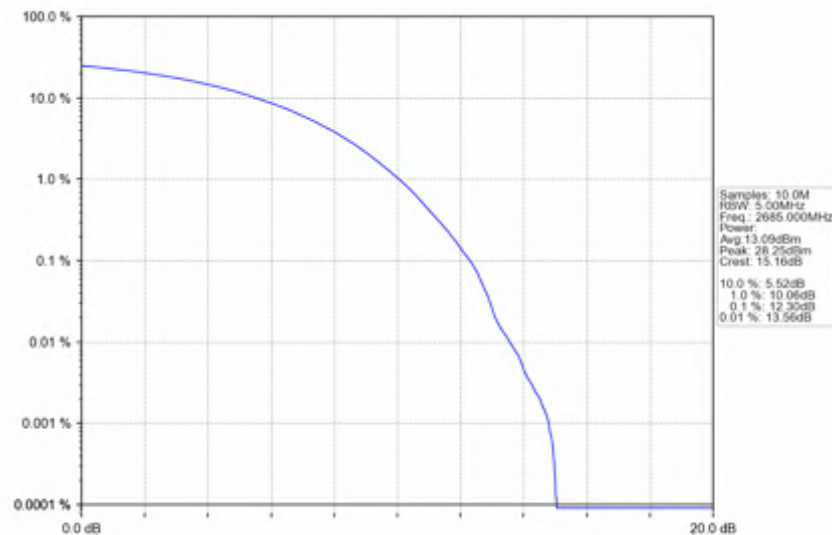
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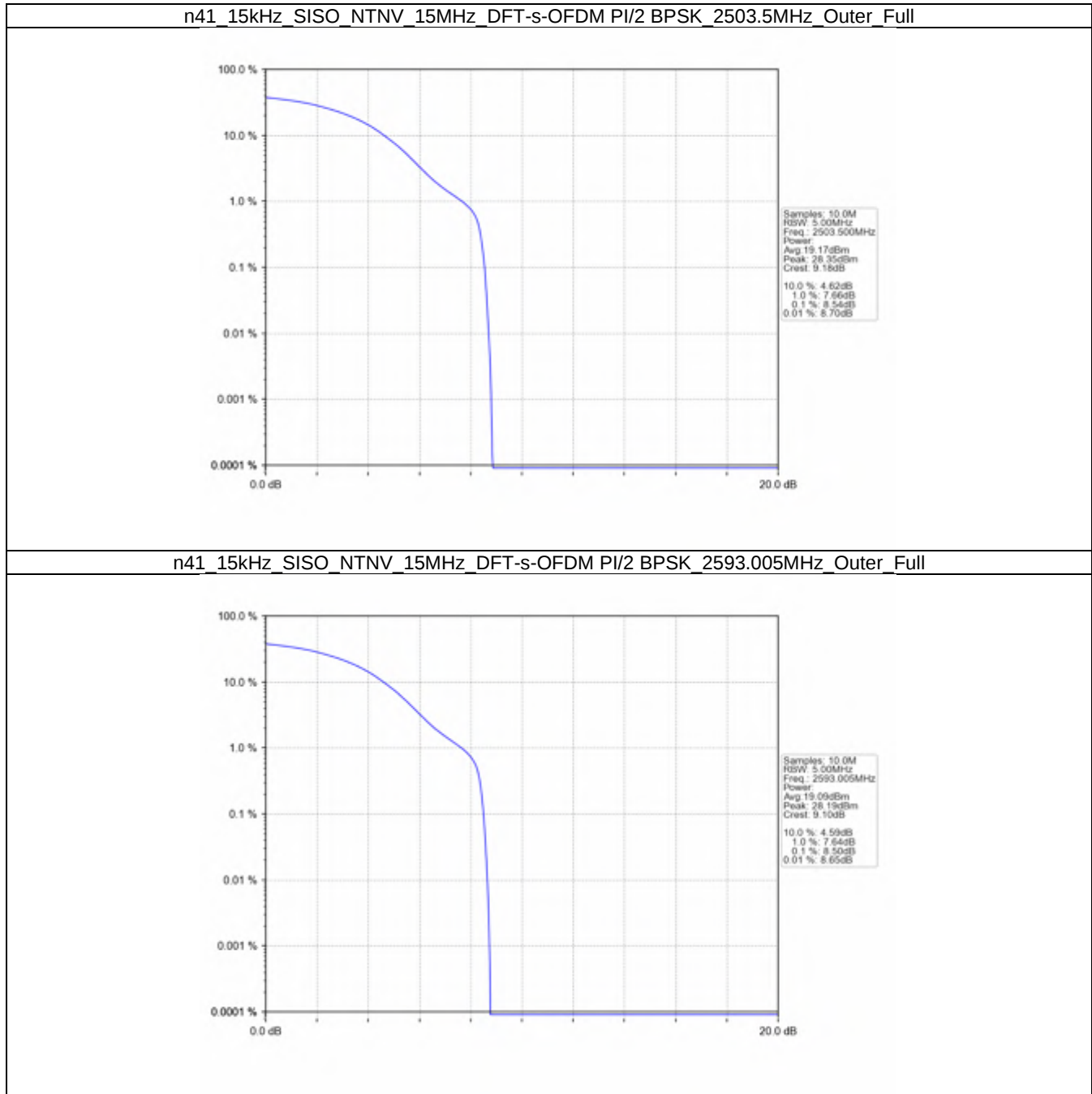
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6.2 15k_SISO_15MHz_NTNV

6.2.1 Test Result

5G NR n41 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	2503.5	Outer_Full	8.54	/	/	<=13	Pass
	2593.005	Outer_Full	8.50	/	/	<=13	Pass
	2682.495	Outer_Full	8.53	/	/	<=13	Pass
DFT-s-OFDM QPSK	2503.5	Outer_Full	9.27	/	/	<=13	Pass
	2593.005	Outer_Full	10.12	/	/	<=13	Pass
	2682.495	Outer_Full	10.26	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2503.5	Outer_Full	11.26	/	/	<=13	Pass
	2593.005	Outer_Full	11.27	/	/	<=13	Pass
	2682.495	Outer_Full	11.35	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2503.5	Outer_Full	11.07	/	/	<=13	Pass
	2593.005	Outer_Full	11.24	/	/	<=13	Pass
	2682.495	Outer_Full	11.17	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer_Full	11.71	/	/	<=13	Pass
	2593.005	Outer_Full	11.82	/	/	<=13	Pass
	2682.495	Outer_Full	11.68	/	/	<=13	Pass
CP-OFDM QPSK	2503.5	Outer_Full	11.96	/	/	<=13	Pass
	2593.005	Outer_Full	11.56	/	/	<=13	Pass
	2682.495	Outer_Full	11.34	/	/	<=13	Pass
CP-OFDM 16 QAM	2503.5	Outer_Full	11.58	/	/	<=13	Pass
	2593.005	Outer_Full	11.69	/	/	<=13	Pass
	2682.495	Outer_Full	11.62	/	/	<=13	Pass
CP-OFDM 64 QAM	2503.5	Outer_Full	11.40	/	/	<=13	Pass
	2593.005	Outer_Full	11.53	/	/	<=13	Pass
	2682.495	Outer_Full	11.47	/	/	<=13	Pass
CP-OFDM 256 QAM	2503.5	Outer_Full	11.98	/	/	<=13	Pass
	2593.005	Outer_Full	12.12	/	/	<=13	Pass
	2682.495	Outer_Full	11.90	/	/	<=13	Pass

6.2.2 Test Graph



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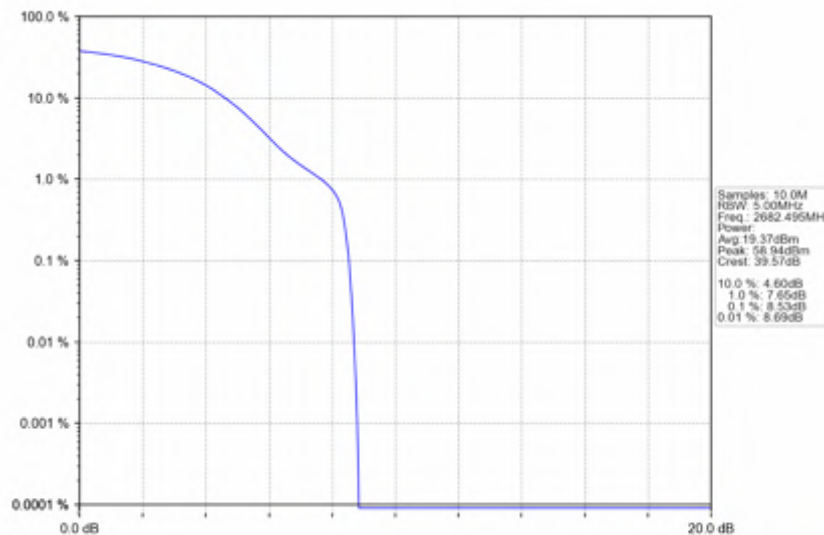
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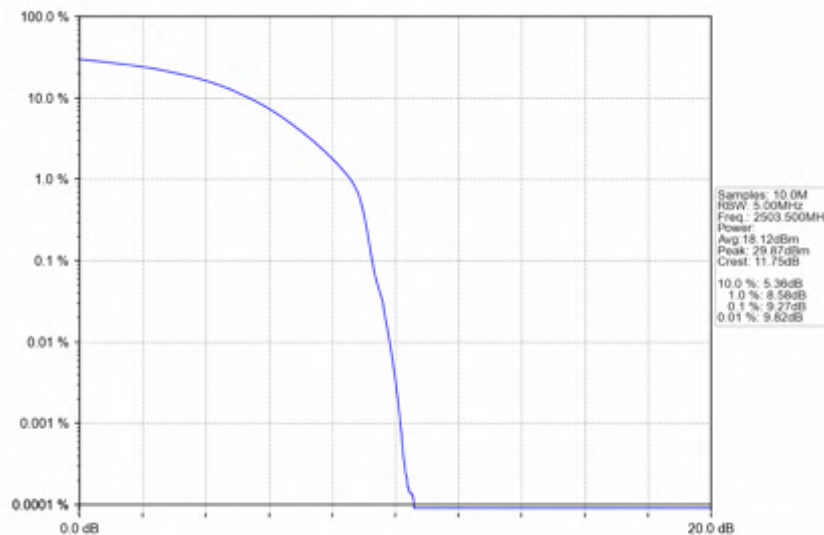
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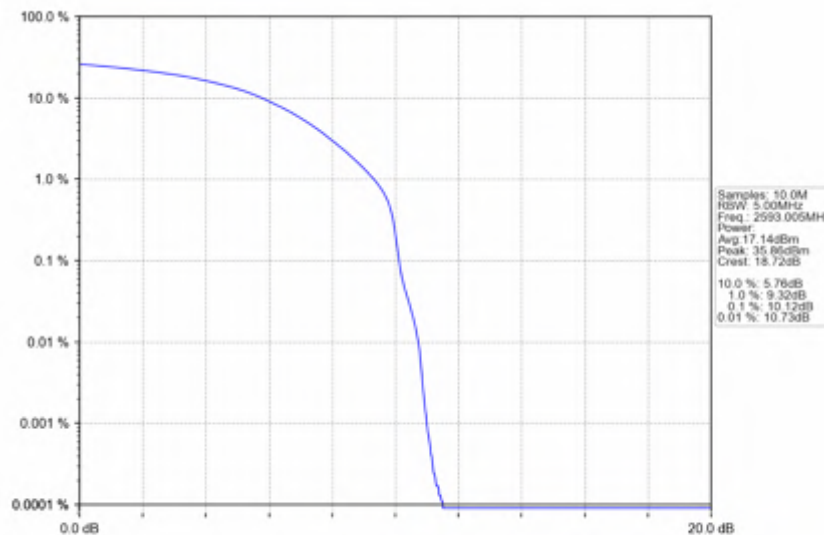


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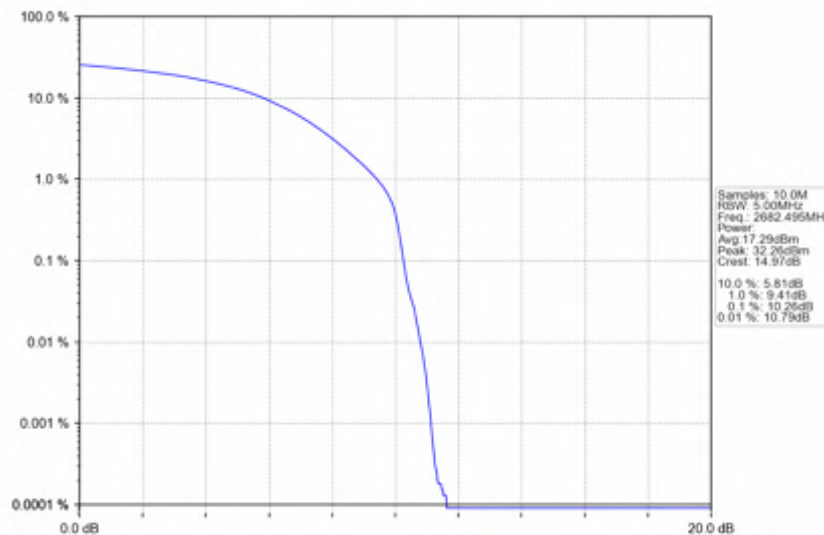
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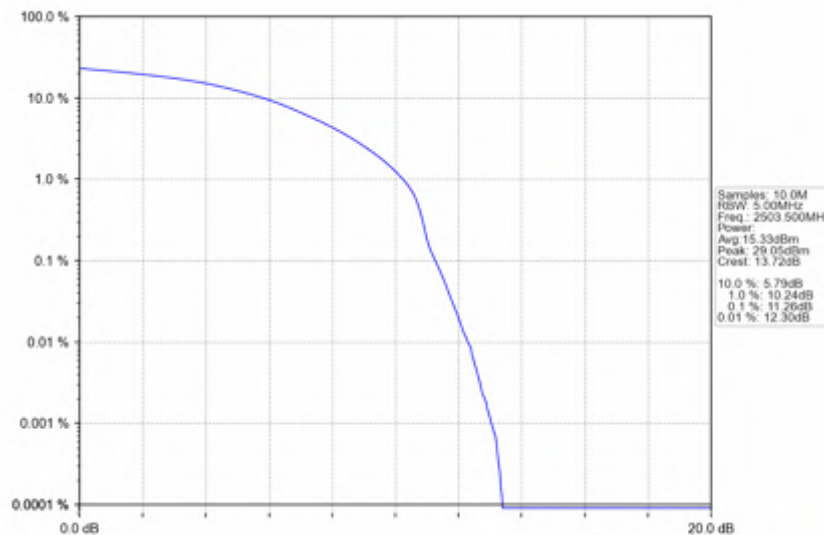


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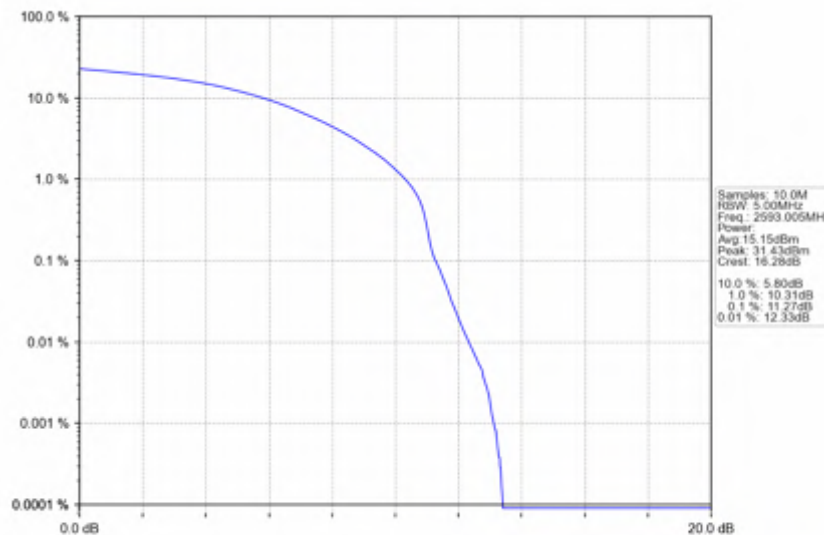
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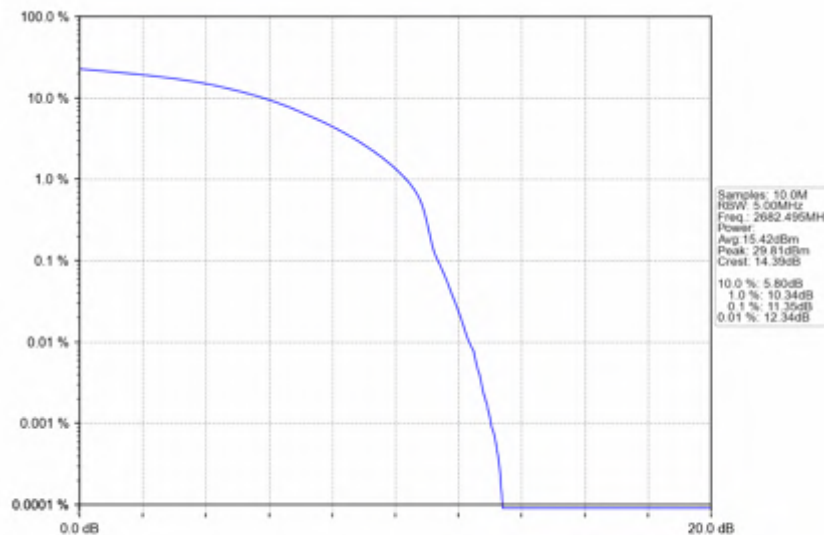


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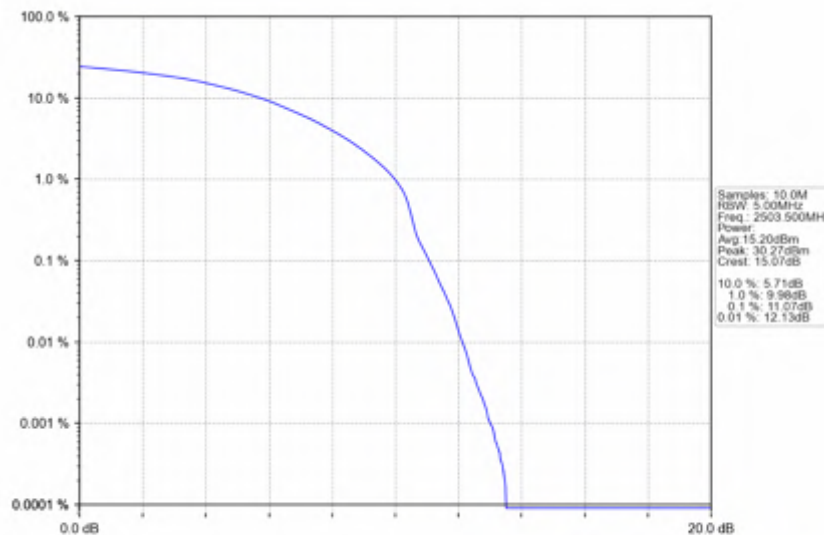
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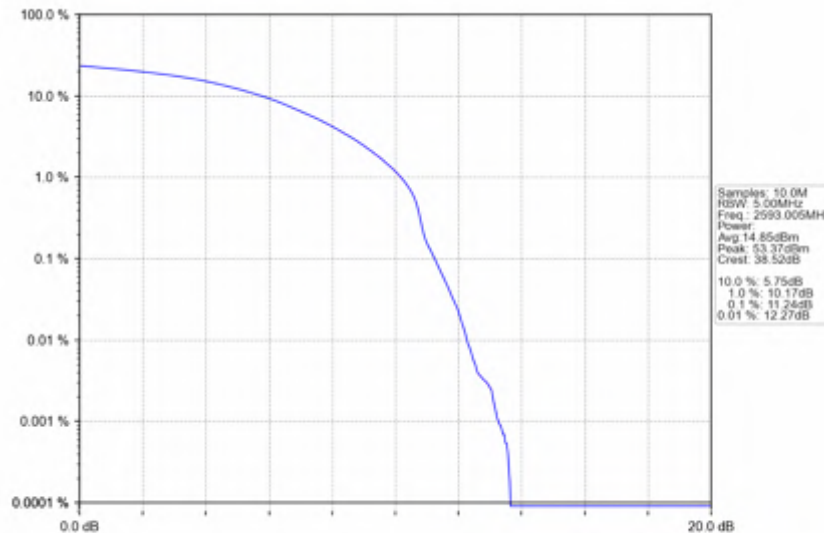
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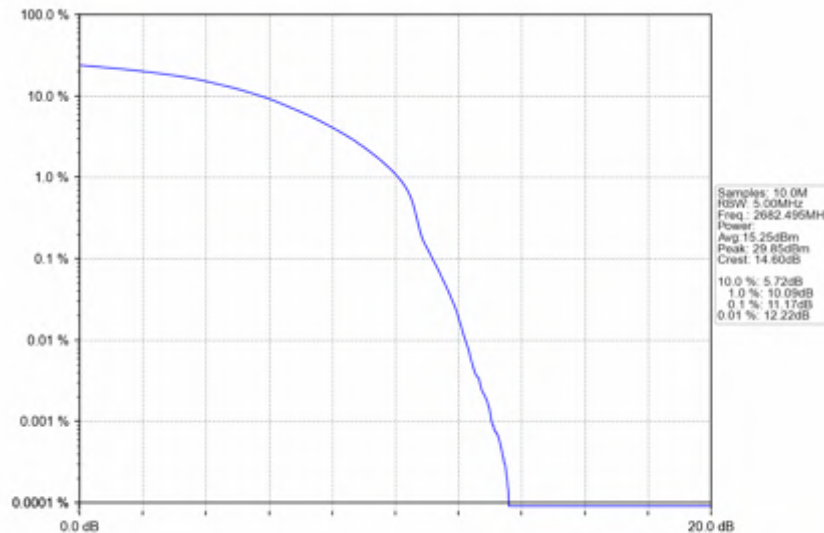
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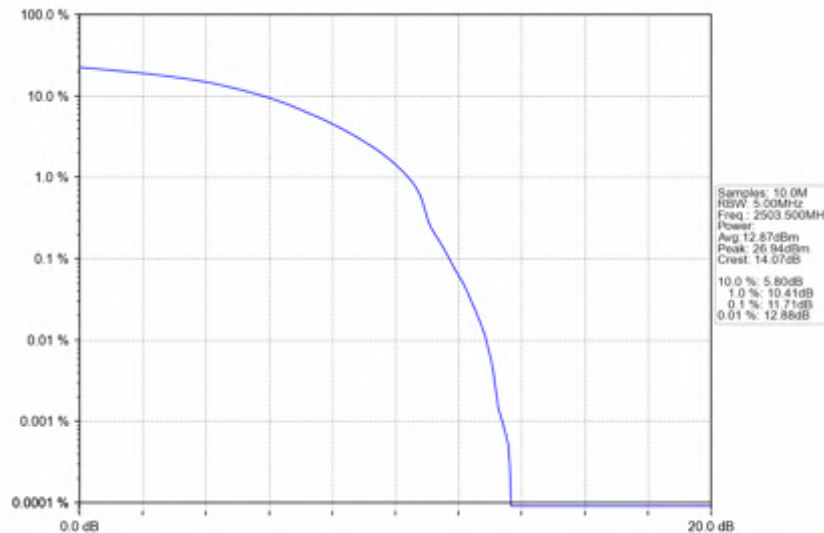
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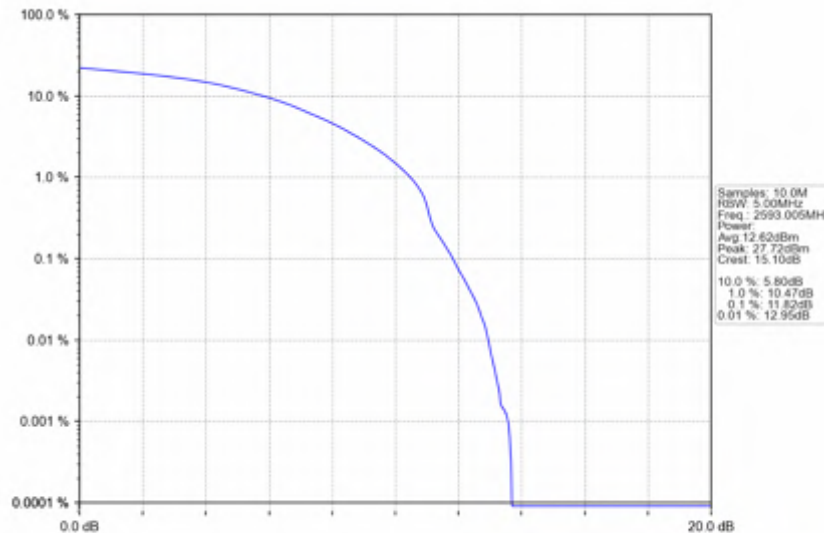
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n41_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_2503.5MHz_Outer_Full



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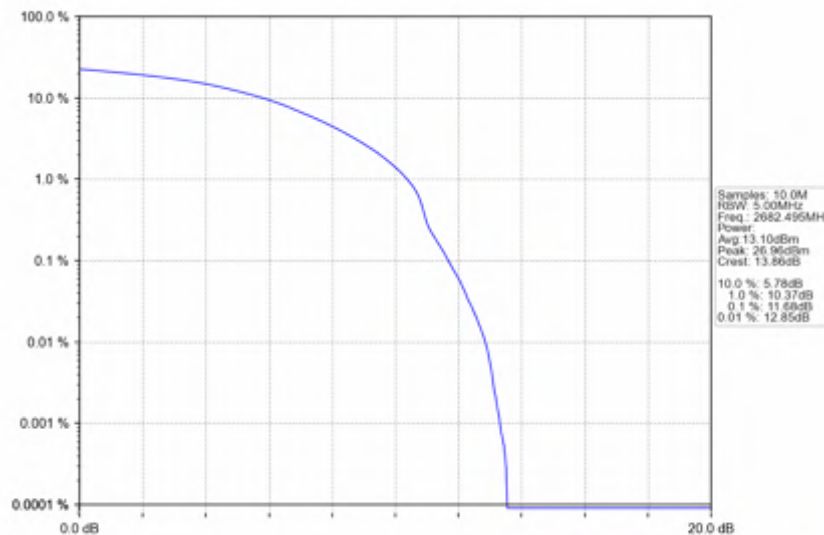
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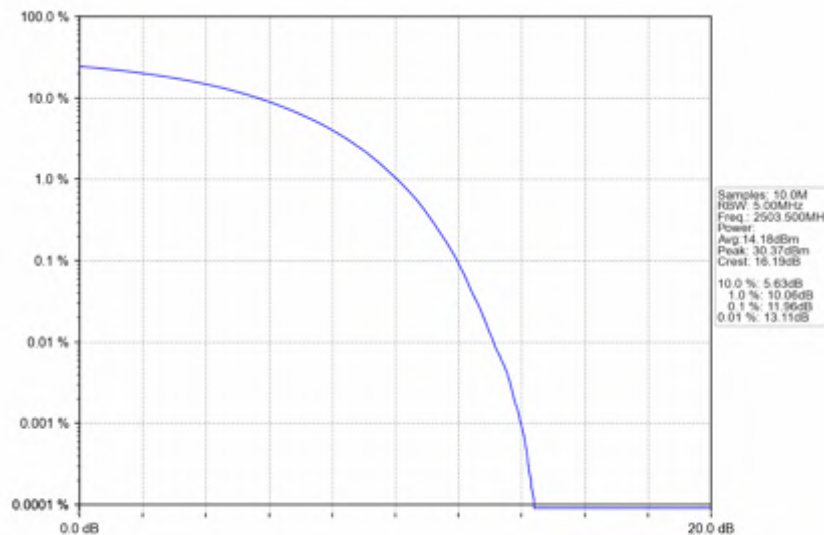
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n41_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2503.5MHz_Outer_Full



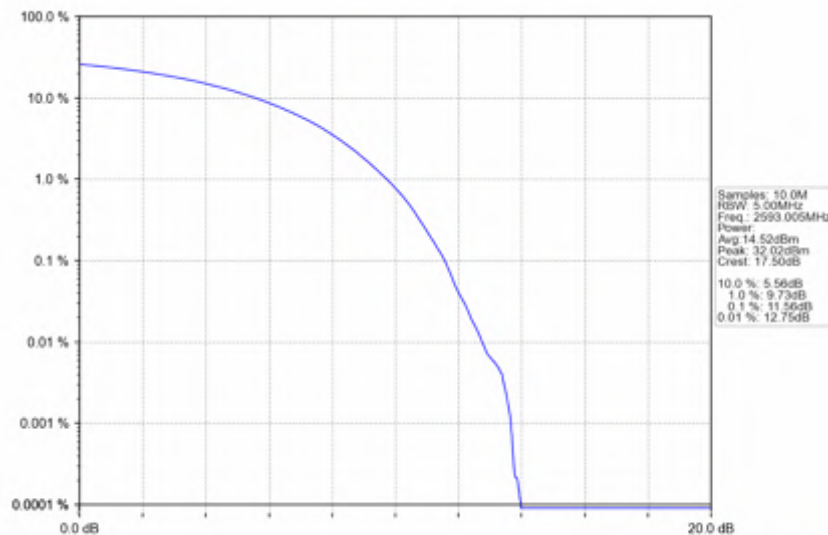
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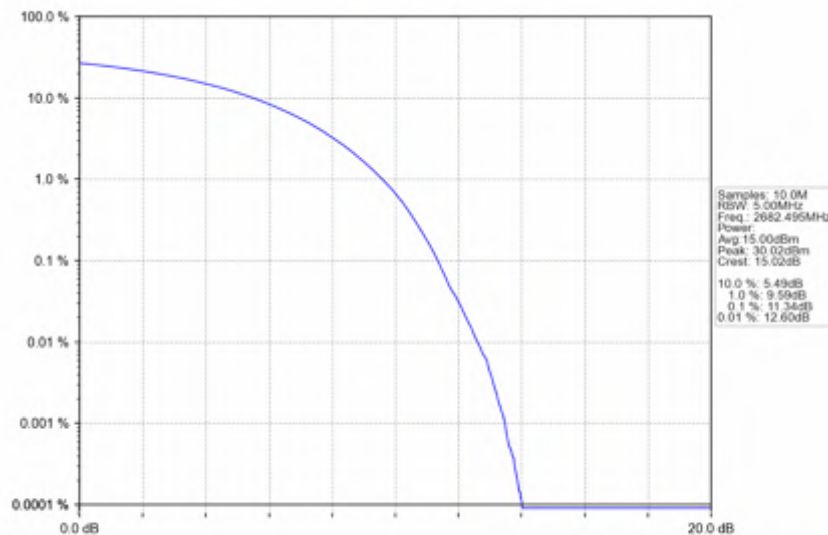
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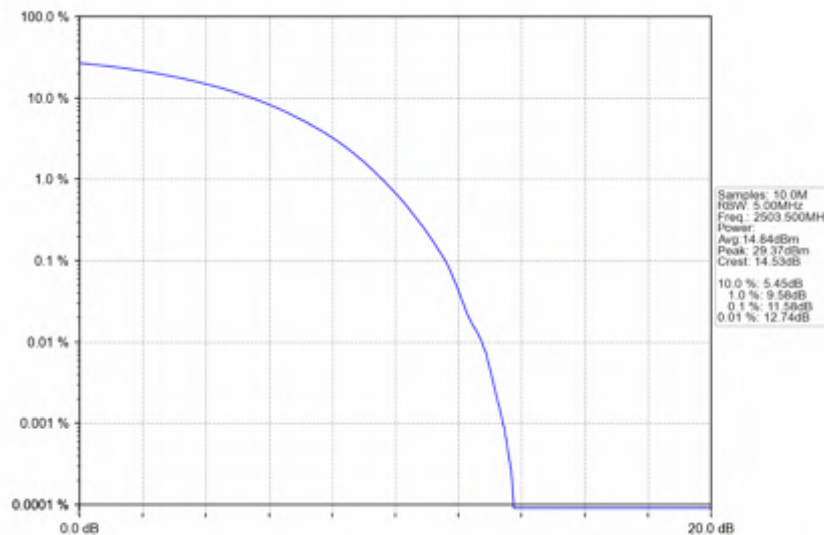
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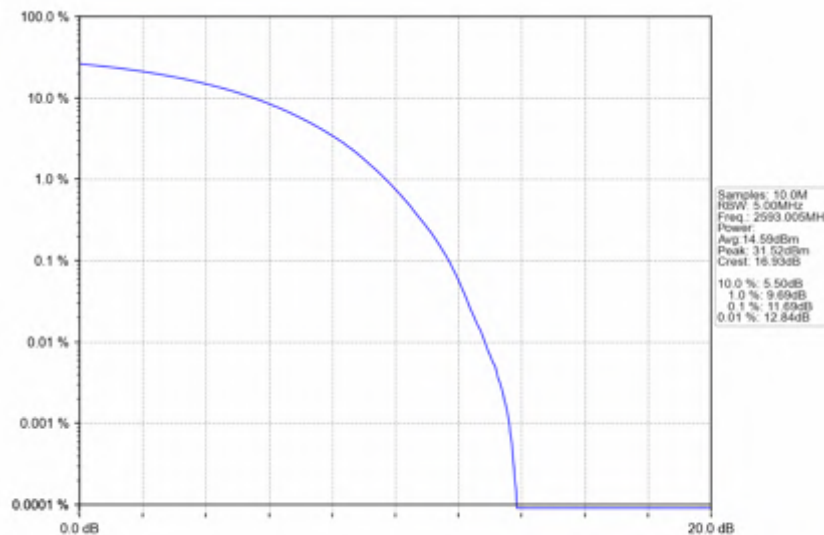
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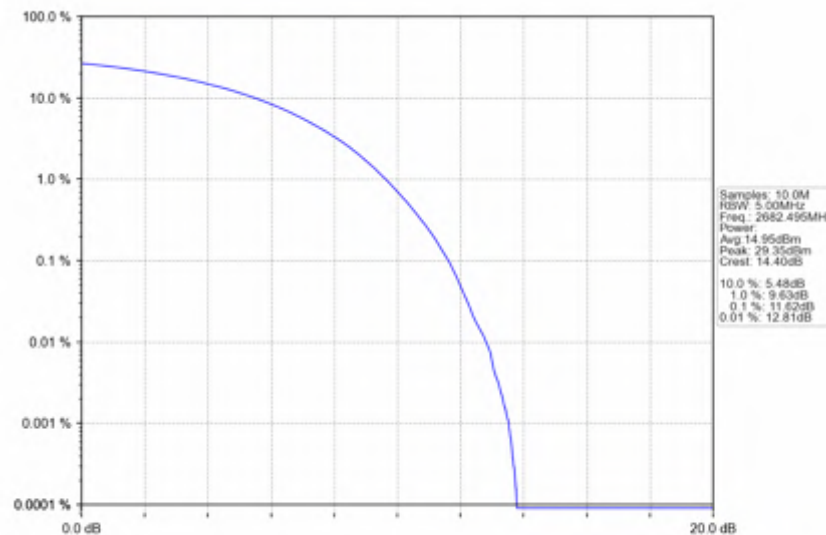
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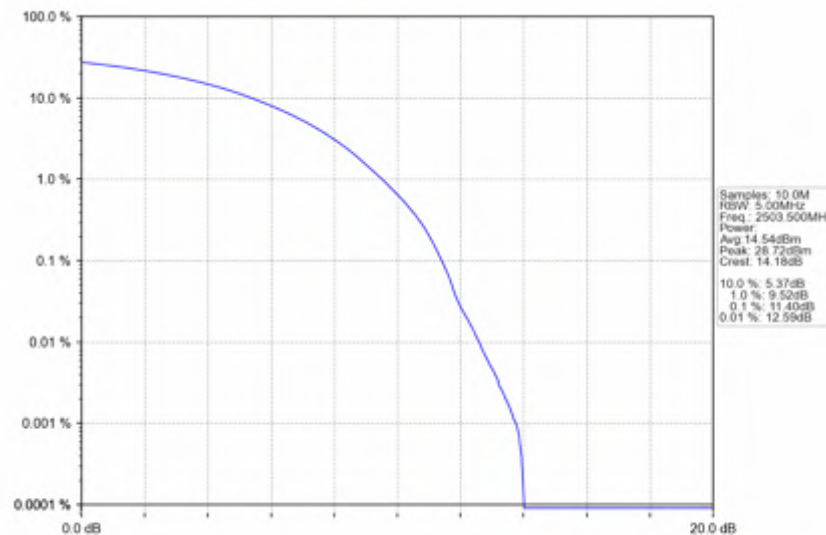
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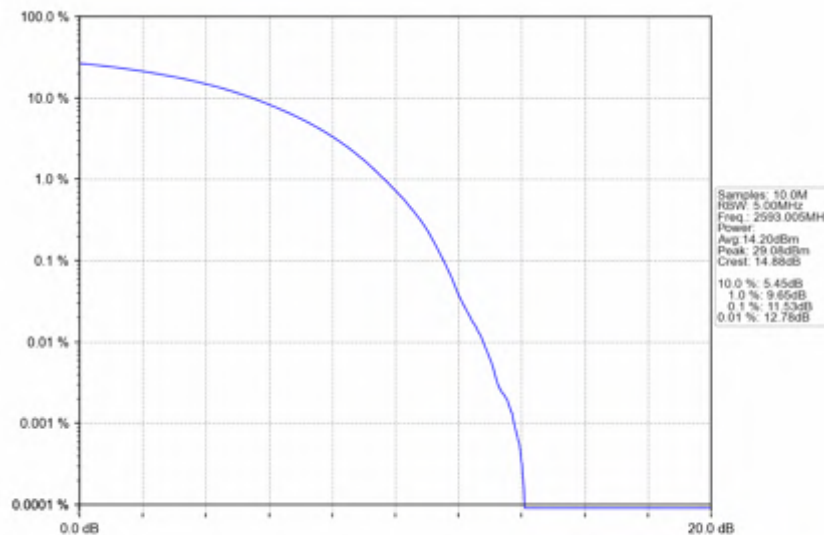
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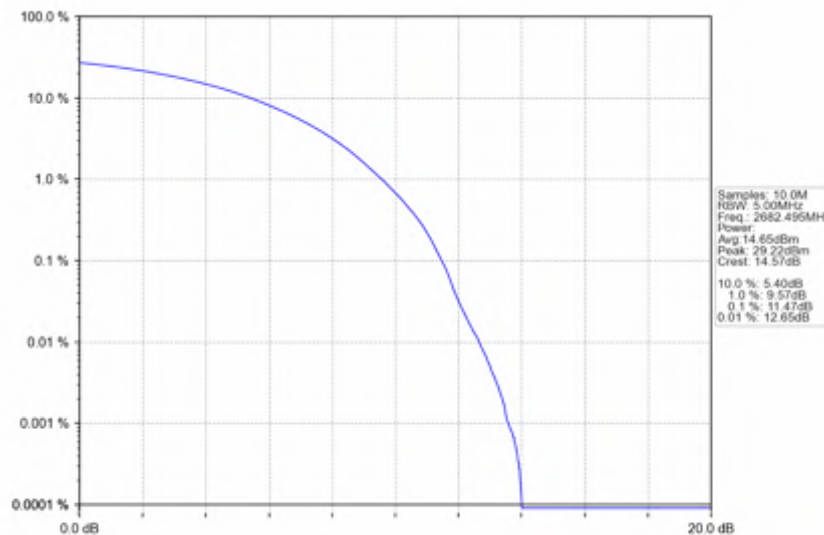
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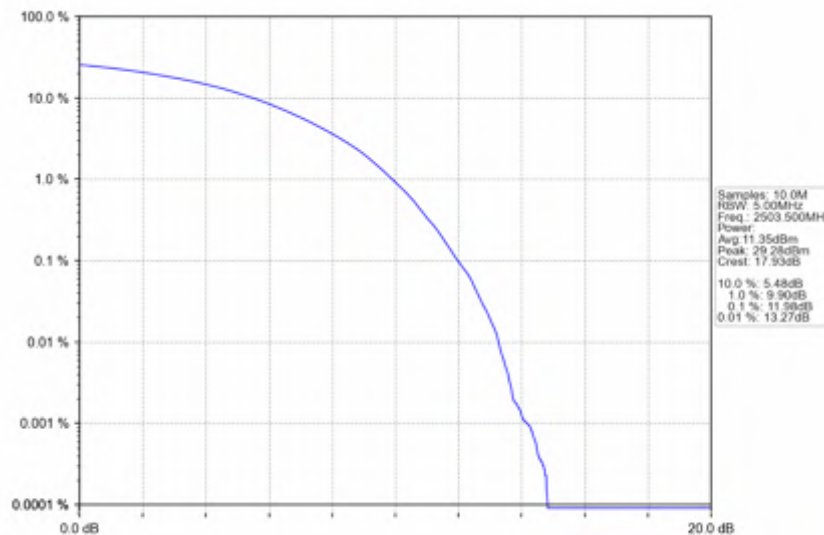
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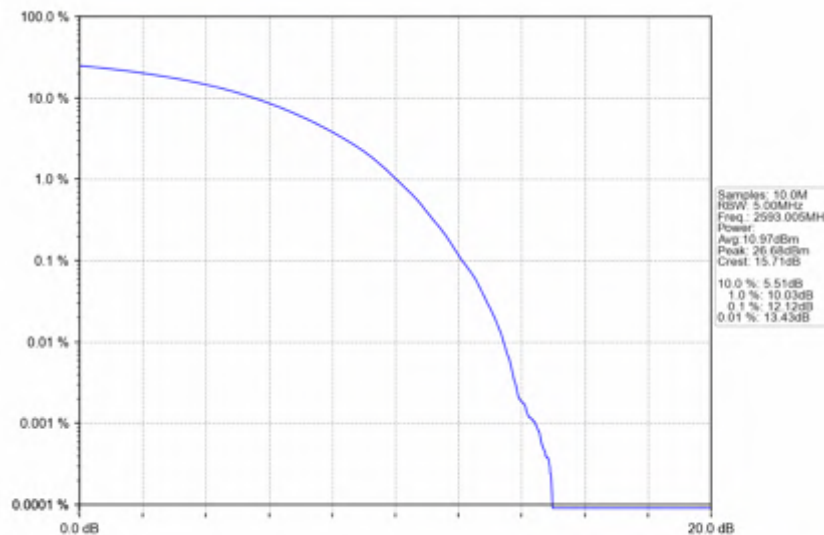
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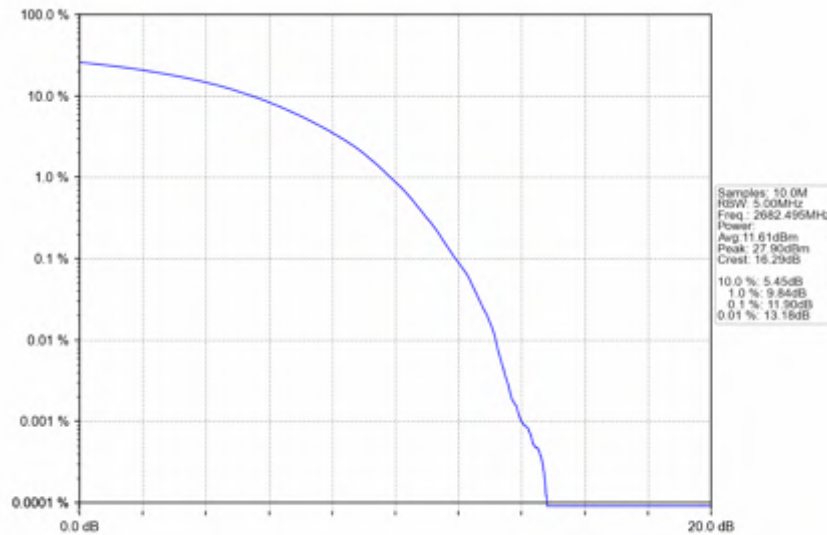
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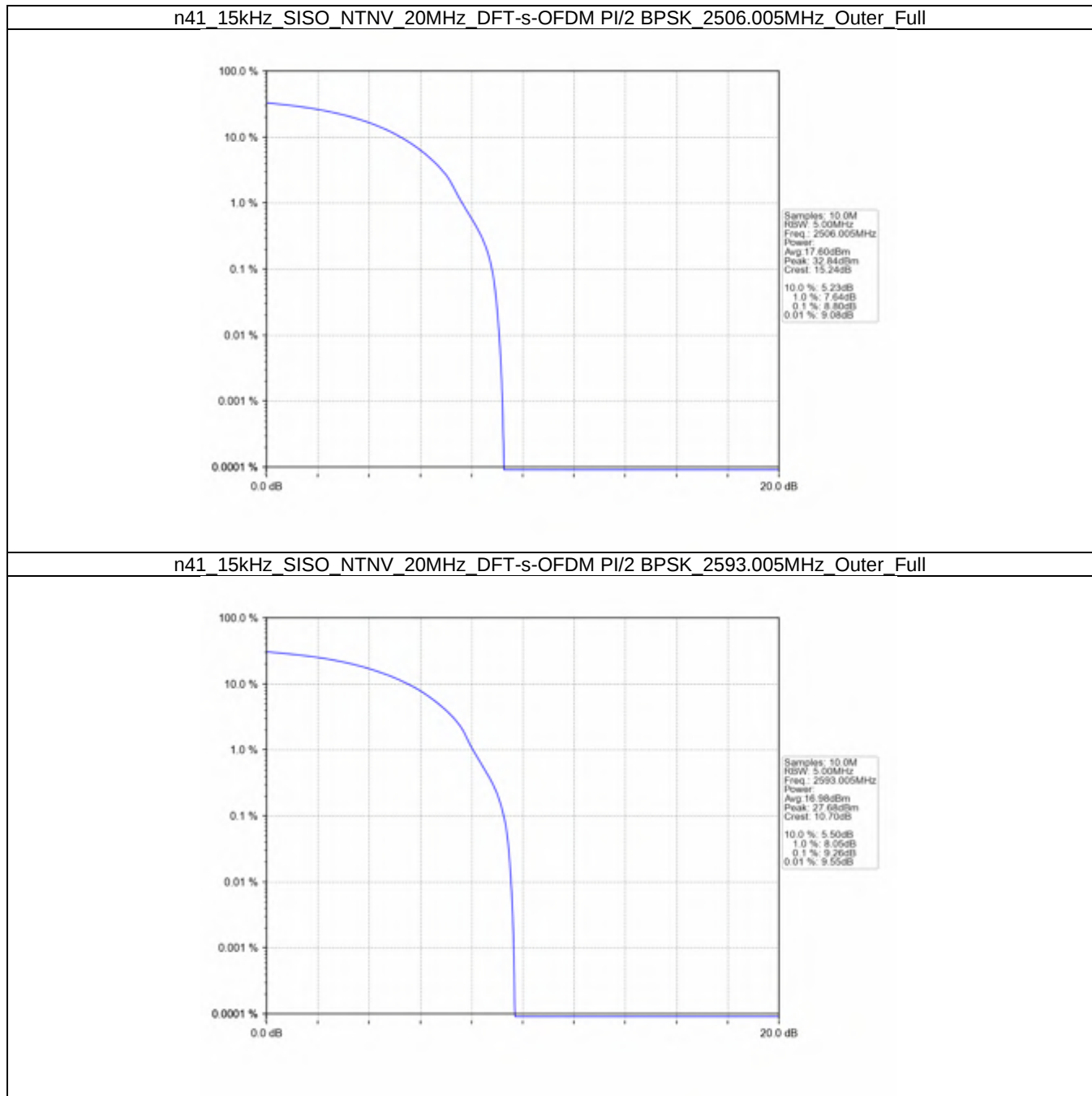
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6.3 15k_SISO_20MHz_NTNV

6.3.1 Test Result

5G NR n41 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	2506.005	Outer_Full	8.80	/	/	<=13	Pass
	2593.005	Outer_Full	9.26	/	/	<=13	Pass
	2679.99	Outer_Full	10.35	/	/	<=13	Pass
DFT-s-OFDM QPSK	2506.005	Outer_Full	10.70	/	/	<=13	Pass
	2593.005	Outer_Full	11.60	/	/	<=13	Pass
	2679.99	Outer_Full	11.47	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2506.005	Outer_Full	11.59	/	/	<=13	Pass
	2593.005	Outer_Full	11.60	/	/	<=13	Pass
	2679.99	Outer_Full	11.67	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2506.005	Outer_Full	11.31	/	/	<=13	Pass
	2593.005	Outer_Full	11.24	/	/	<=13	Pass
	2679.99	Outer_Full	11.42	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2506.005	Outer_Full	11.34	/	/	<=13	Pass
	2593.005	Outer_Full	11.33	/	/	<=13	Pass
	2679.99	Outer_Full	11.37	/	/	<=13	Pass
CP-OFDM QPSK	2506.005	Outer_Full	12.12	/	/	<=13	Pass
	2593.005	Outer_Full	12.09	/	/	<=13	Pass
	2679.99	Outer_Full	11.91	/	/	<=13	Pass
CP-OFDM 16 QAM	2506.005	Outer_Full	11.43	/	/	<=13	Pass
	2593.005	Outer_Full	12.08	/	/	<=13	Pass
	2679.99	Outer_Full	12.15	/	/	<=13	Pass
CP-OFDM 64 QAM	2506.005	Outer_Full	11.92	/	/	<=13	Pass
	2593.005	Outer_Full	12.02	/	/	<=13	Pass
	2679.99	Outer_Full	11.96	/	/	<=13	Pass
CP-OFDM 256 QAM	2506.005	Outer_Full	12.07	/	/	<=13	Pass
	2593.005	Outer_Full	12.28	/	/	<=13	Pass
	2679.99	Outer_Full	12.24	/	/	<=13	Pass

6.3.2 Test Graph

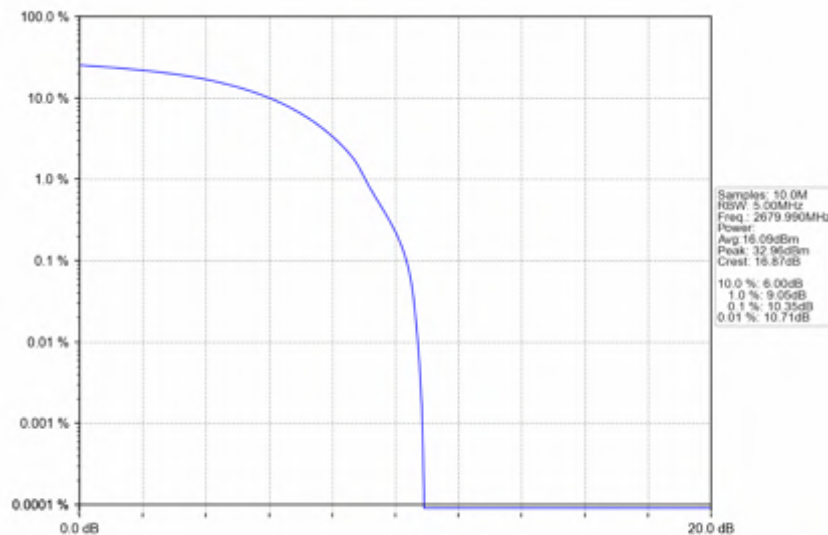


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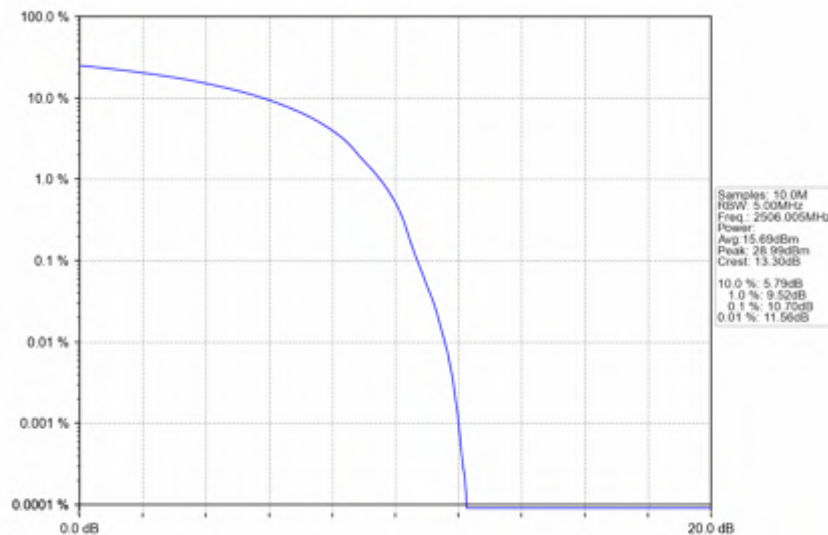
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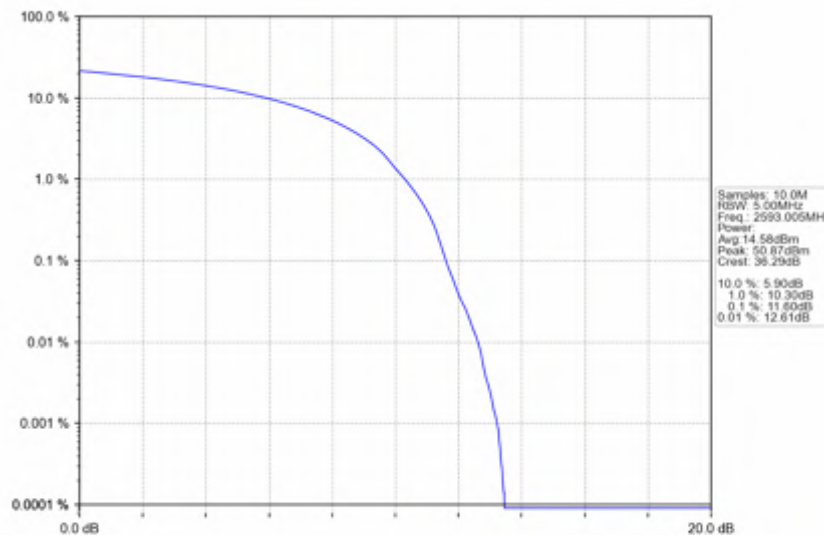
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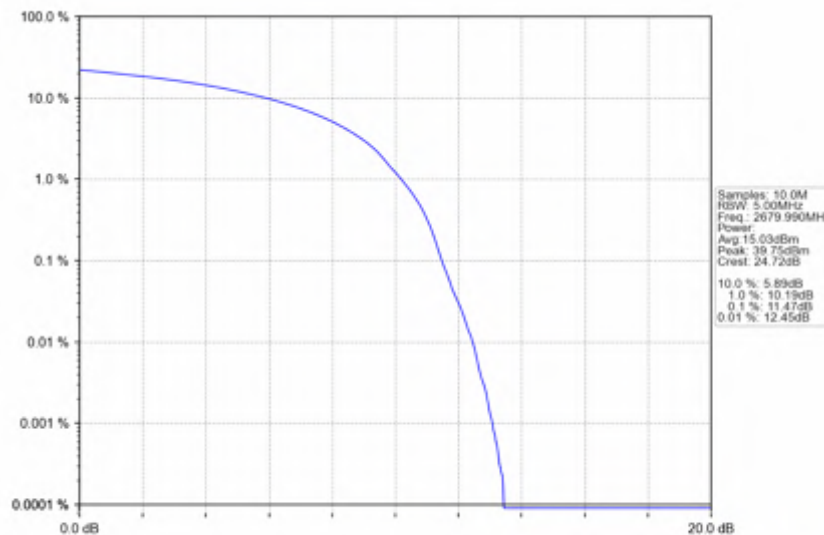
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n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2593.005MHz_Outer_Full



n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2679.99MHz_Outer_Full



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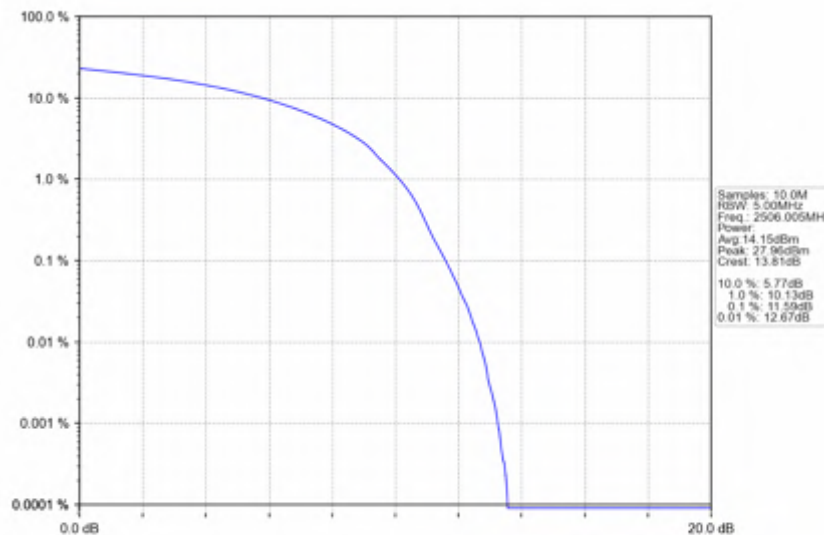
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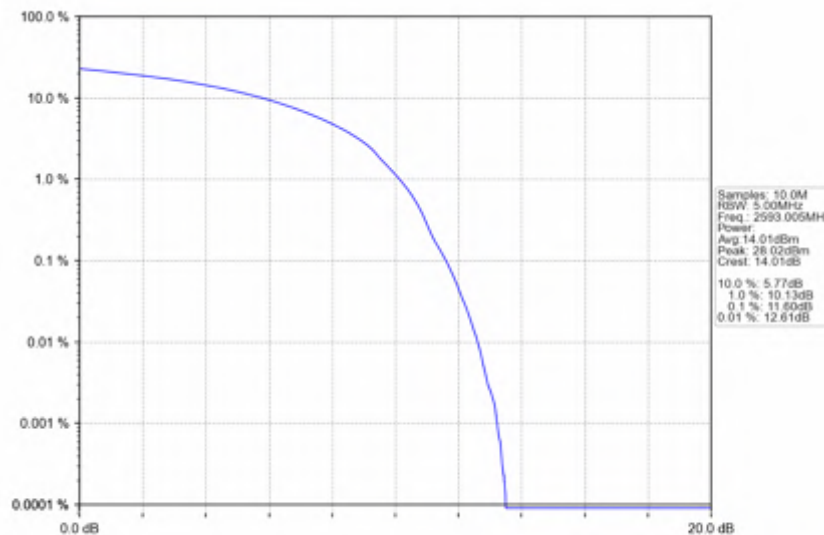
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0512-57350883 0512-57370911 sgs.china@sgs.com

n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2506.005MHz_Outer_Full



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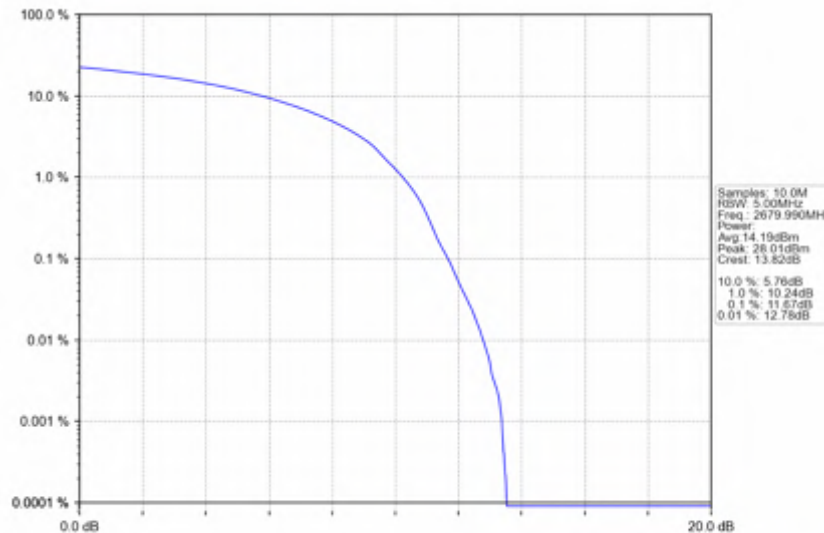


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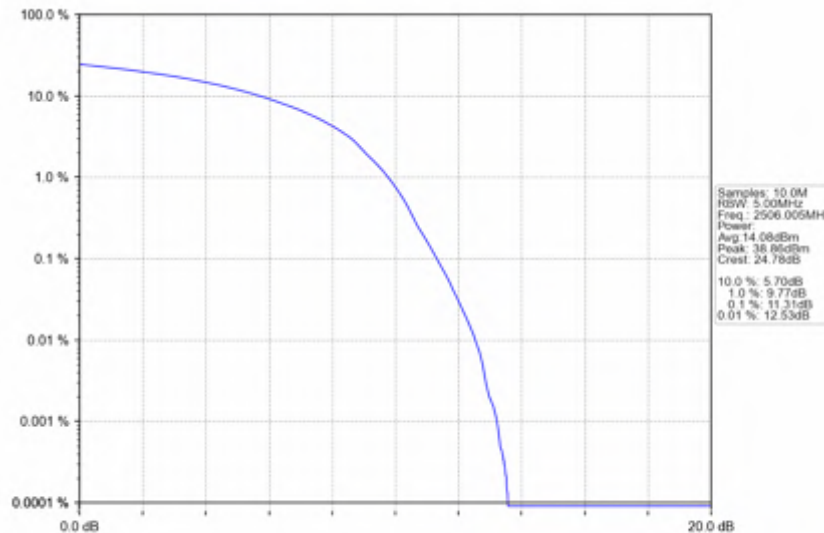
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n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2679.99MHz_Outer_Full



n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2506.005MHz_Outer_Full



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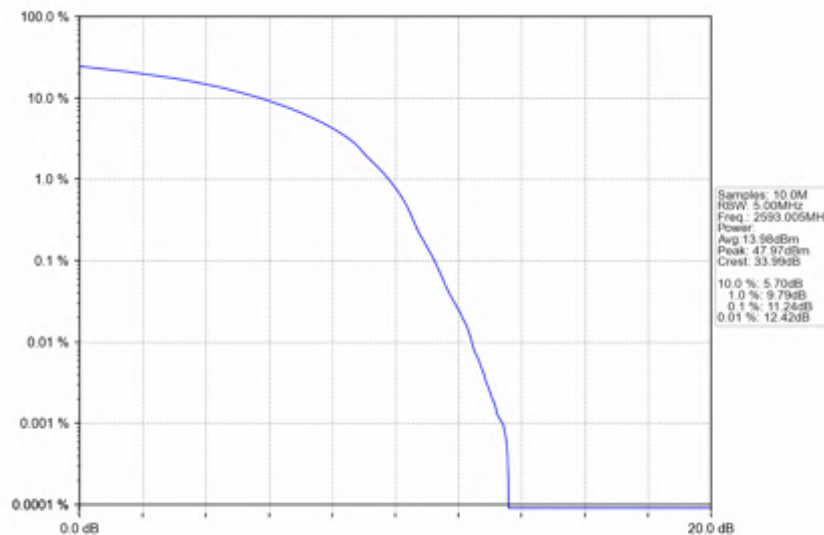
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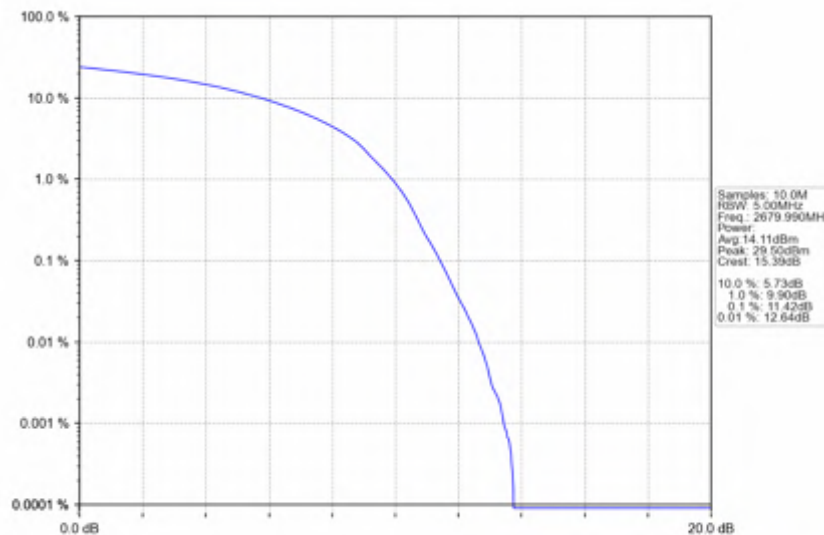
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n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2593.005MHz_Outer_Full



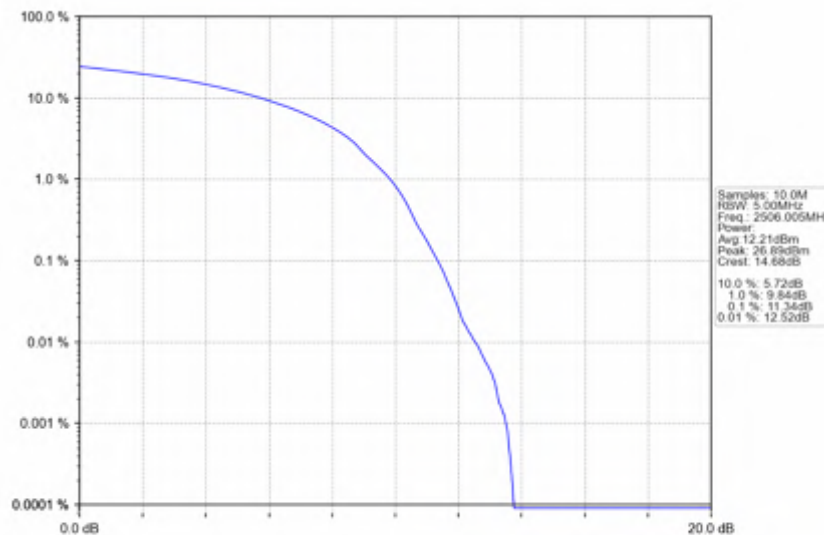
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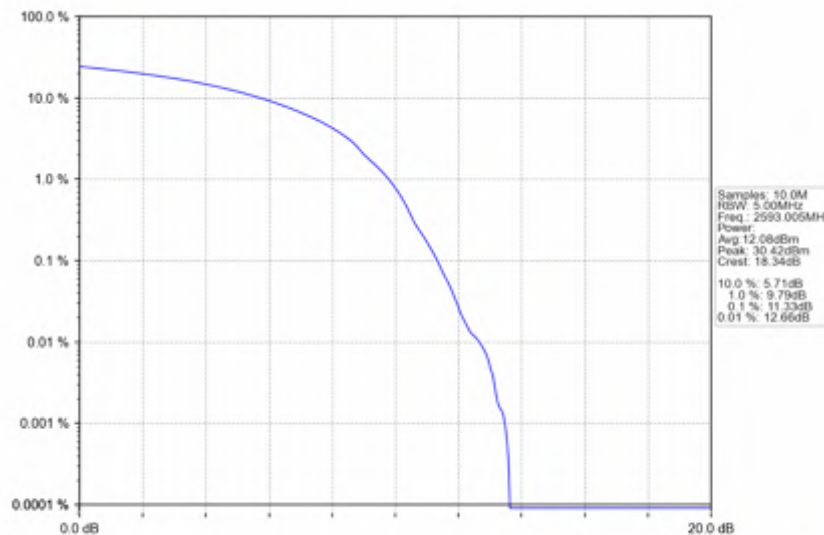
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n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_2506.005MHz_Outer_Full



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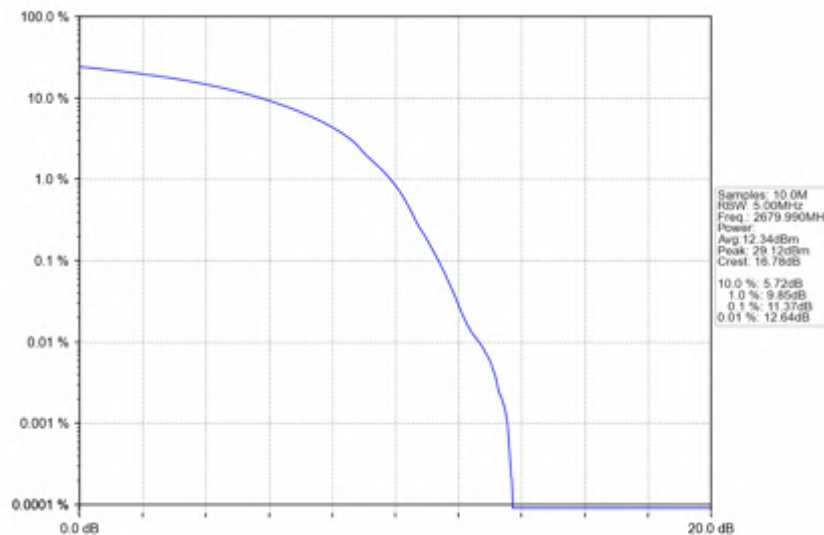


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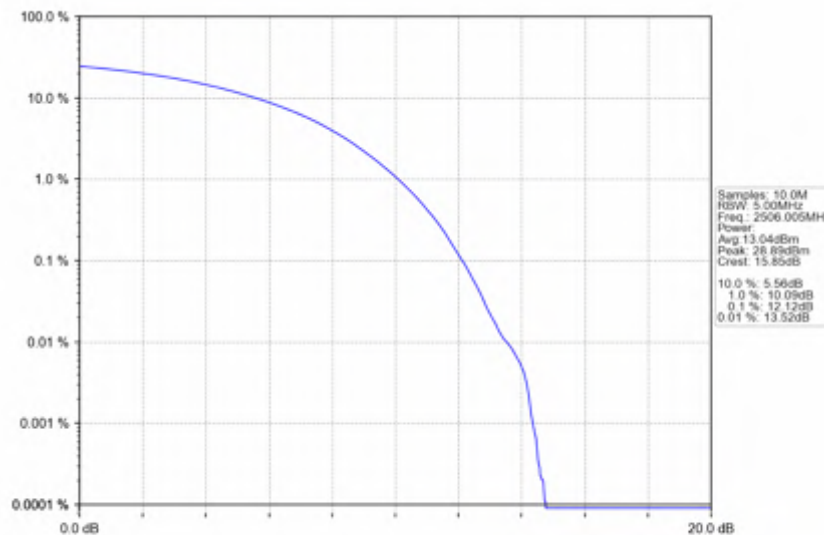
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n41_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_2679.99MHz_Outer_Full



n41_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2506.005MHz_Outer_Full

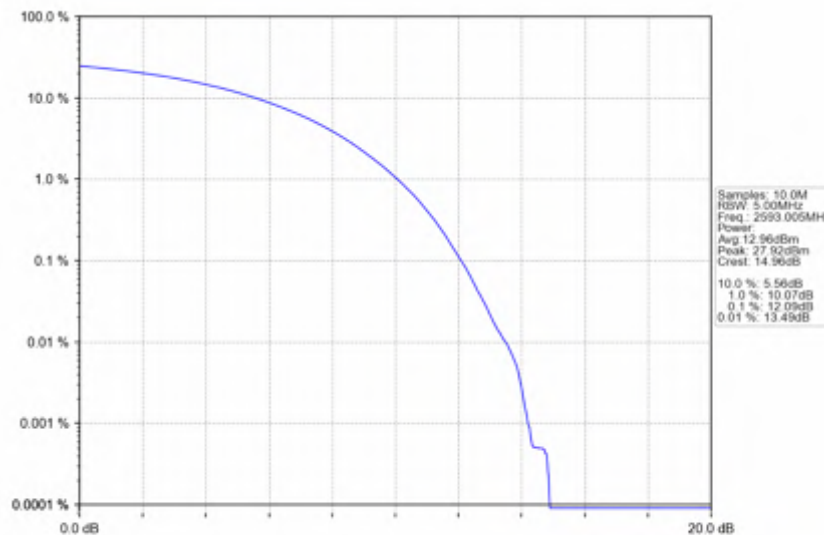


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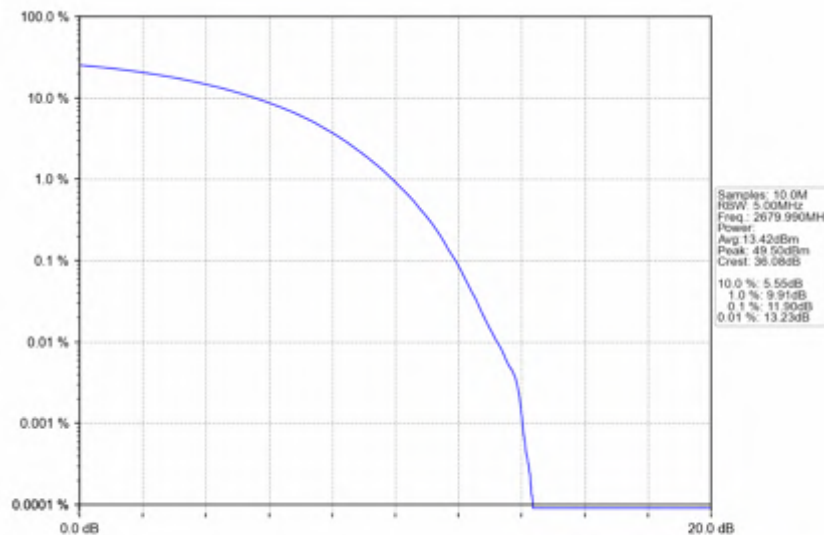
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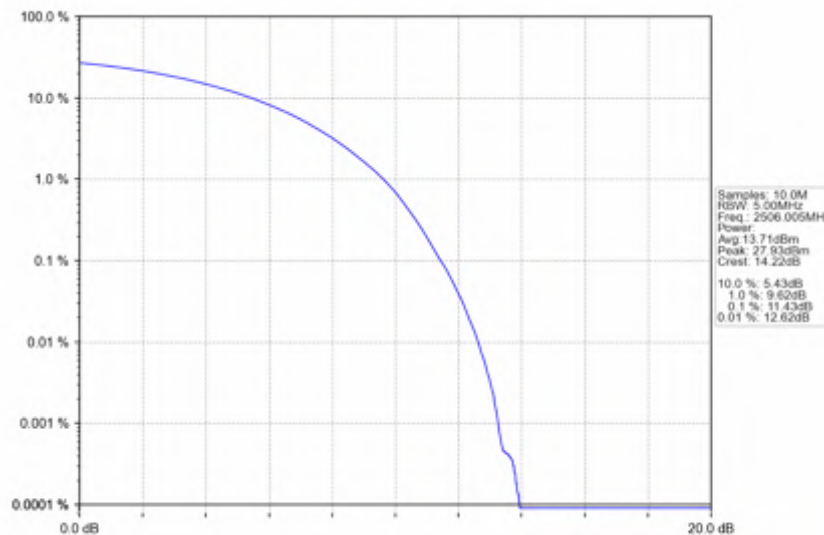
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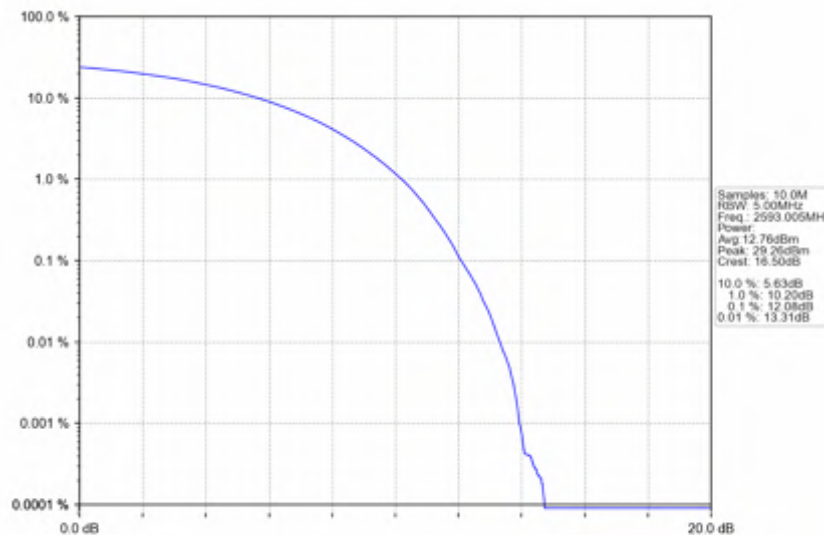
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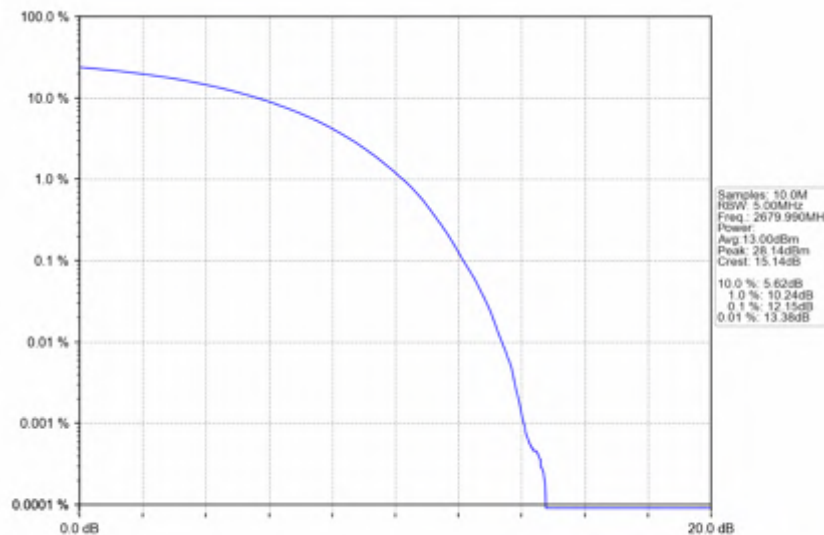
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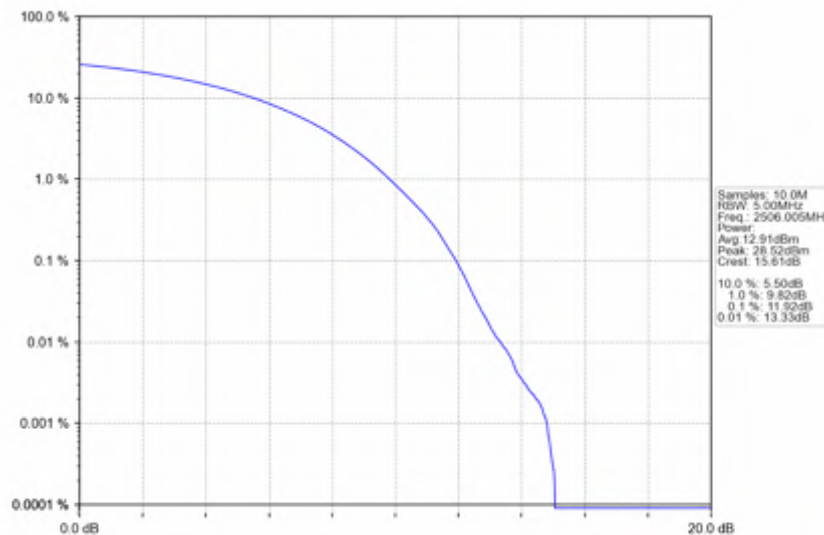
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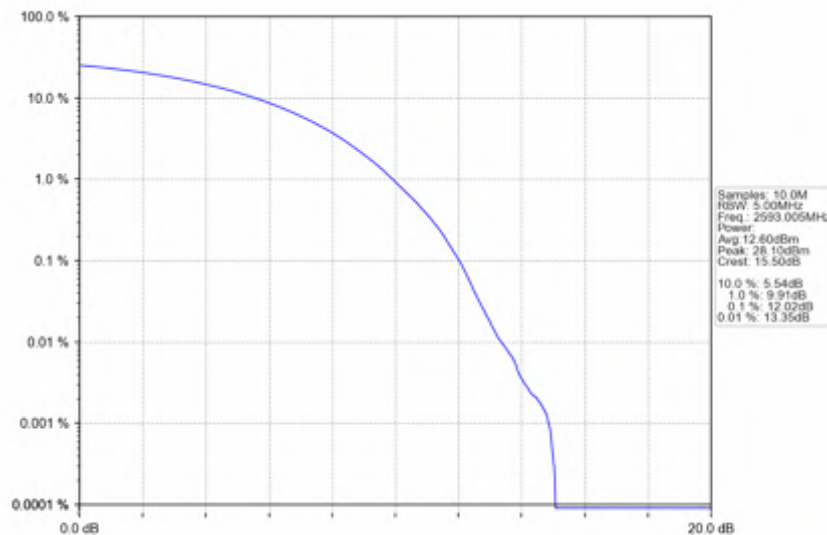


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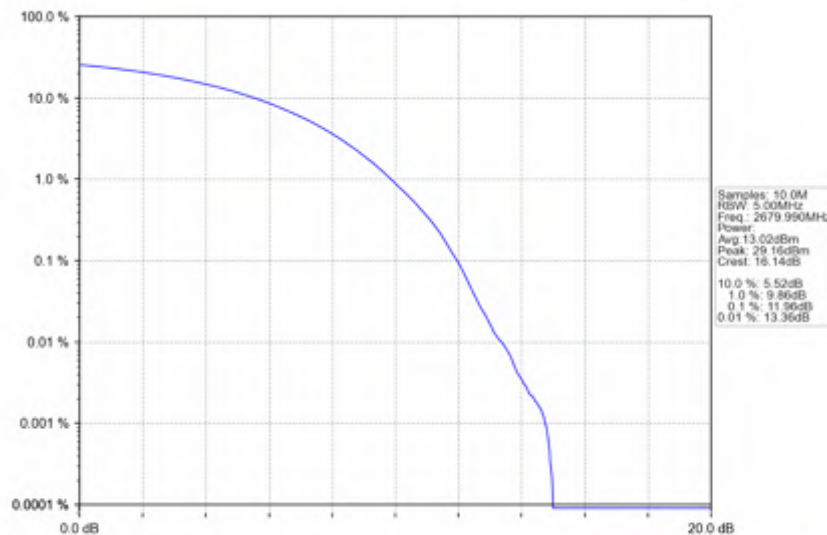
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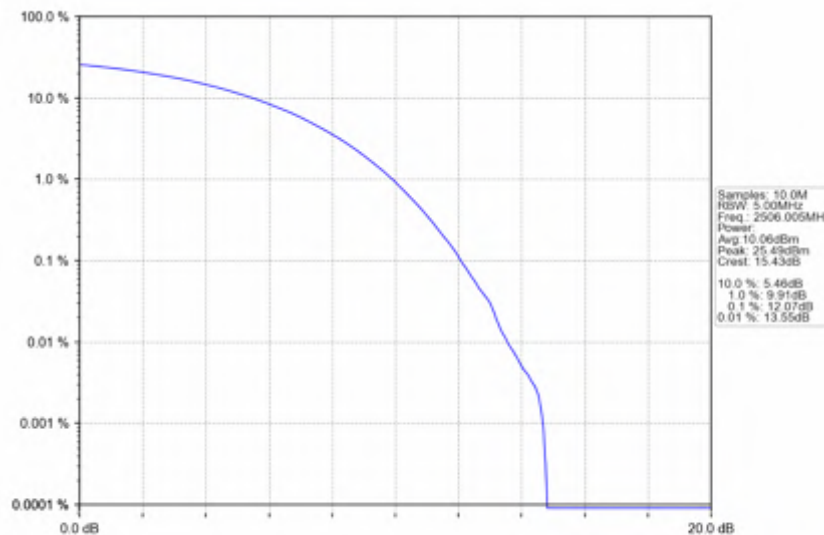


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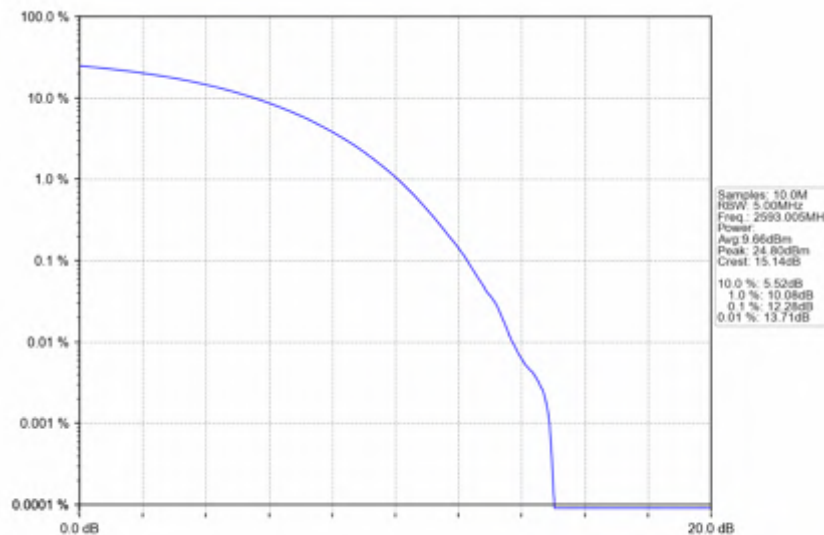
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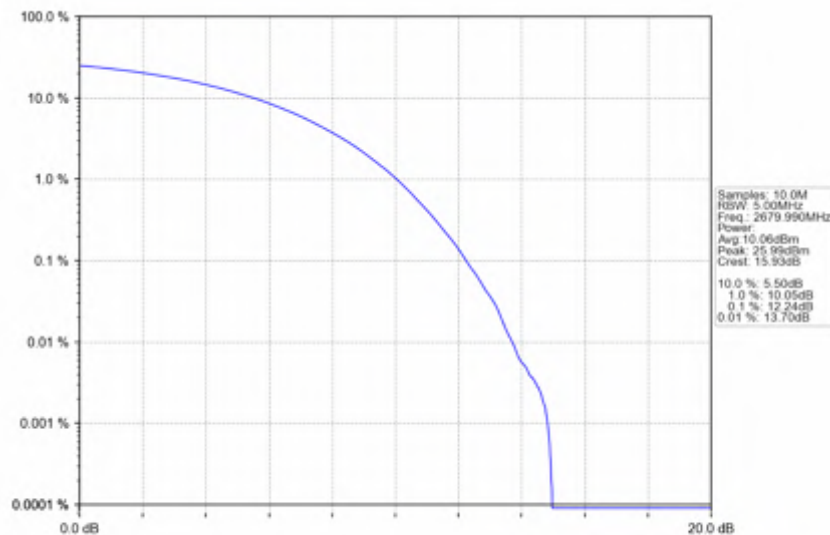
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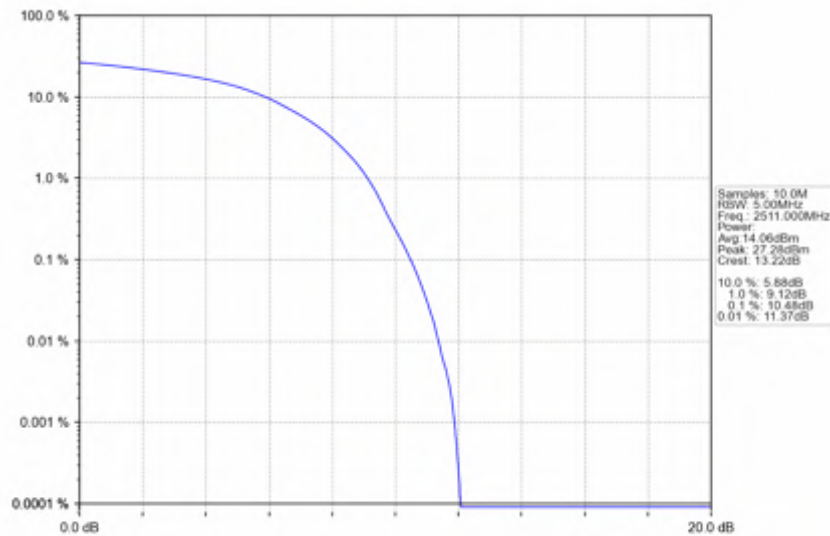
6.4 15k_SISO_30MHz_NTNV

6.4.1 Test Result

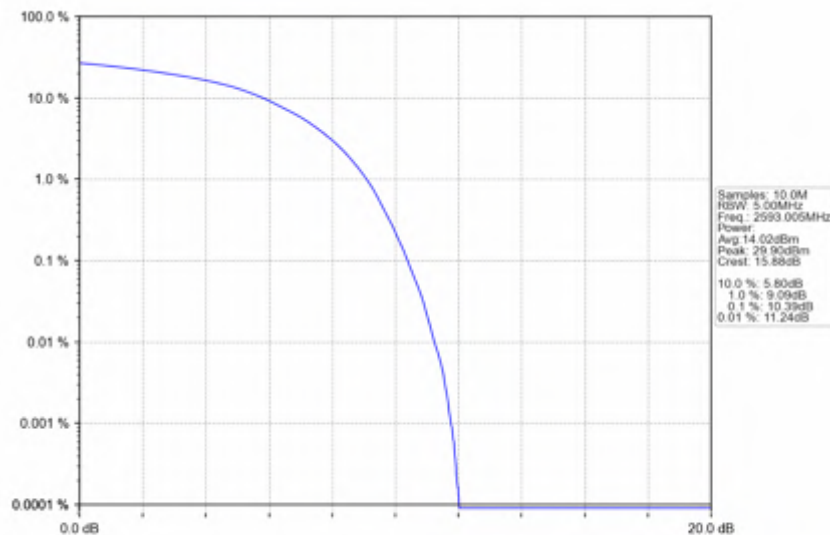
5G NR n41 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Outer_Full	10.48	/	/	<=13	Pass
	2593.005	Outer_Full	10.39	/	/	<=13	Pass
	2674.995	Outer_Full	10.33	/	/	<=13	Pass
DFT-s-OFDM QPSK	2511	Outer_Full	11.59	/	/	<=13	Pass
	2593.005	Outer_Full	11.44	/	/	<=13	Pass
	2674.995	Outer_Full	11.11	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2511	Outer_Full	11.80	/	/	<=13	Pass
	2593.005	Outer_Full	11.43	/	/	<=13	Pass
	2674.995	Outer_Full	11.72	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	11.54	/	/	<=13	Pass
	2593.005	Outer_Full	11.44	/	/	<=13	Pass
	2674.995	Outer_Full	11.43	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2511	Outer_Full	11.82	/	/	<=13	Pass
	2593.005	Outer_Full	11.78	/	/	<=13	Pass
	2674.995	Outer_Full	11.20	/	/	<=13	Pass
CP-OFDM QPSK	2511	Outer_Full	11.70	/	/	<=13	Pass
	2593.005	Outer_Full	12.17	/	/	<=13	Pass
	2674.995	Outer_Full	11.53	/	/	<=13	Pass
CP-OFDM 16 QAM	2511	Outer_Full	11.74	/	/	<=13	Pass
	2593.005	Outer_Full	12.24	/	/	<=13	Pass
	2674.995	Outer_Full	12.24	/	/	<=13	Pass
CP-OFDM 64 QAM	2511	Outer_Full	11.38	/	/	<=13	Pass
	2593.005	Outer_Full	12.08	/	/	<=13	Pass
	2674.995	Outer_Full	11.84	/	/	<=13	Pass
CP-OFDM 256 QAM	2511	Outer_Full	12.35	/	/	<=13	Pass
	2593.005	Outer_Full	12.19	/	/	<=13	Pass
	2674.995	Outer_Full	11.84	/	/	<=13	Pass

6.4.2 Test Graph

n41_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2511MHz_Outer_Full



n41_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2593.005MHz_Outer_Full



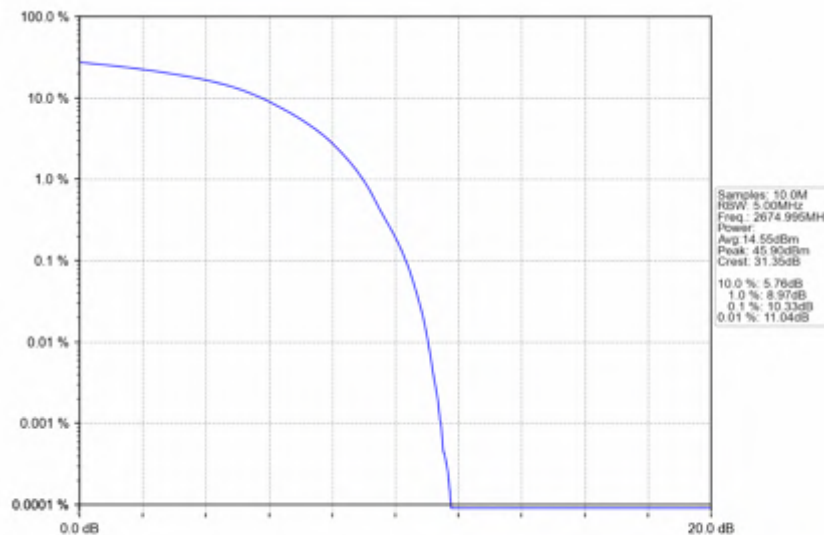
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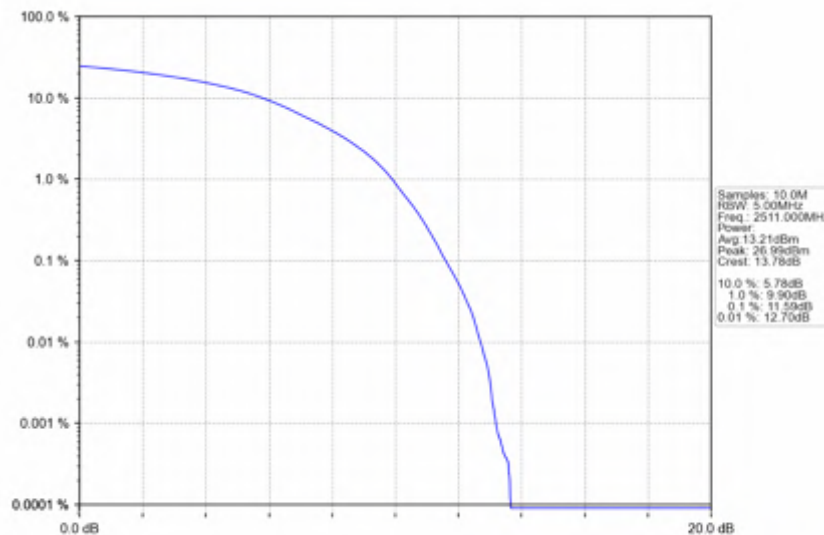
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n41_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2674.995MHz_Outer_Full



n41_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2511MHz_Outer_Full

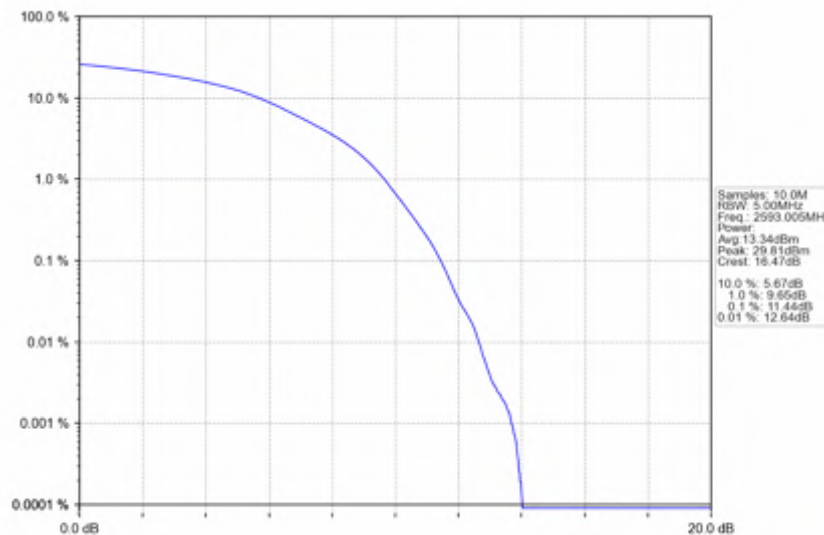


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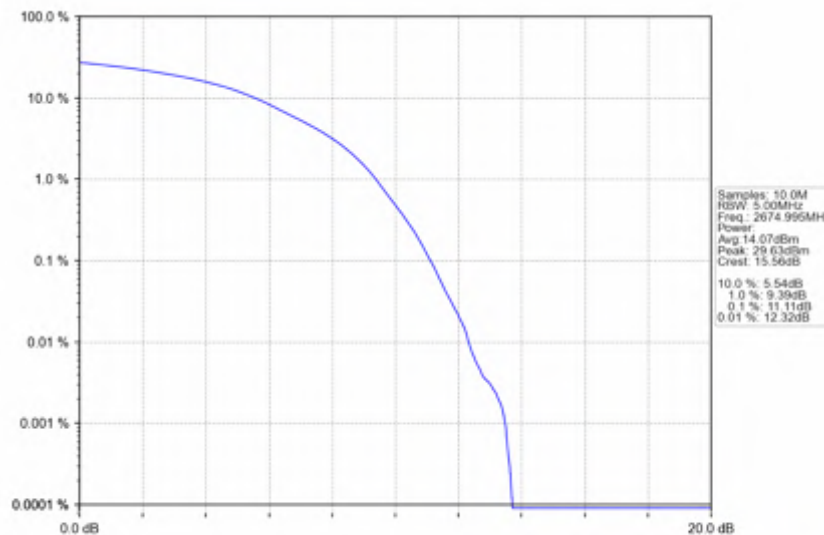
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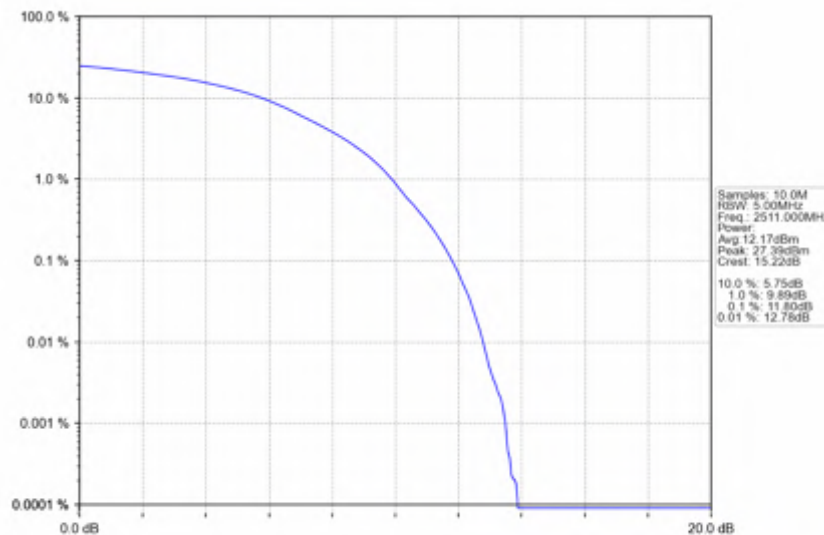
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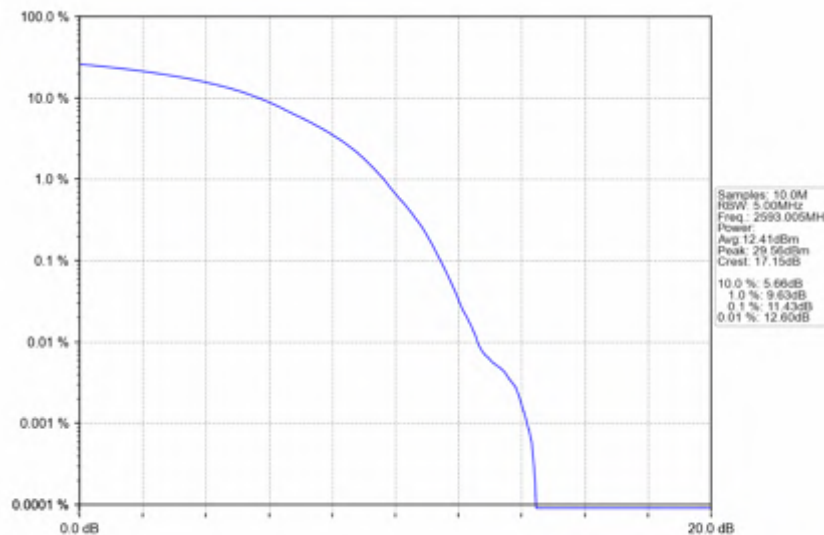
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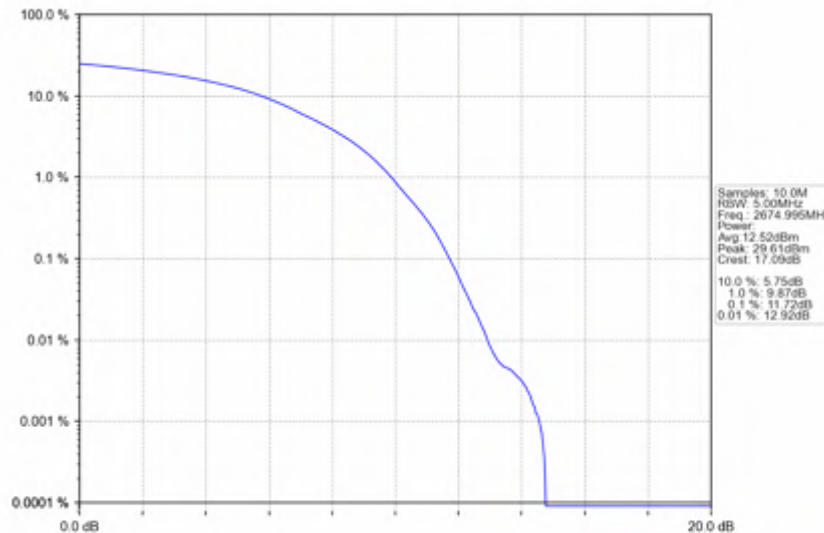
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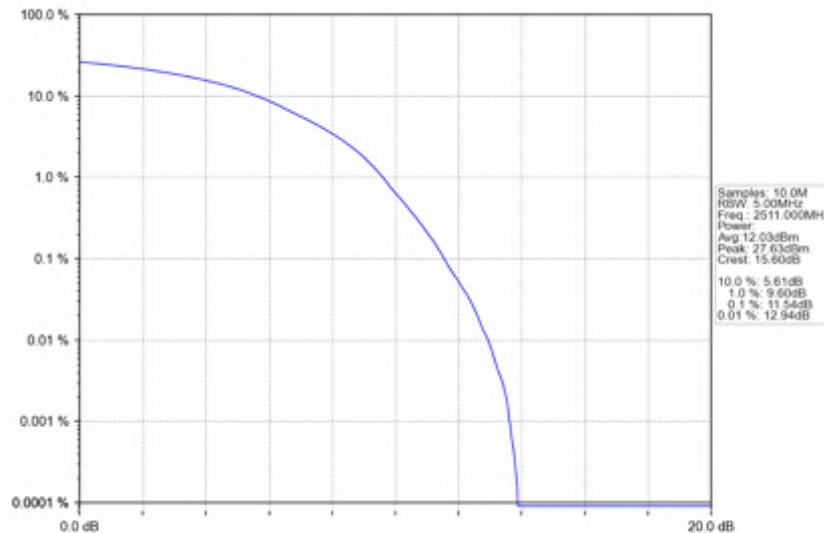
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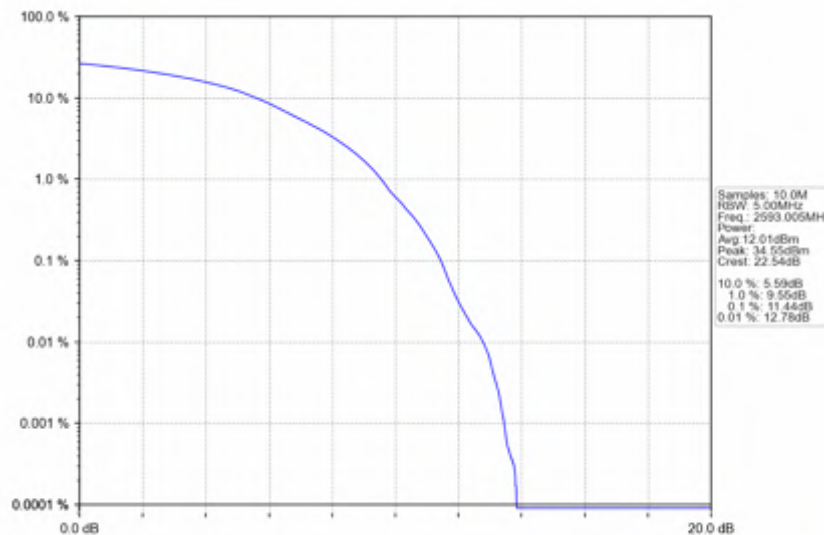


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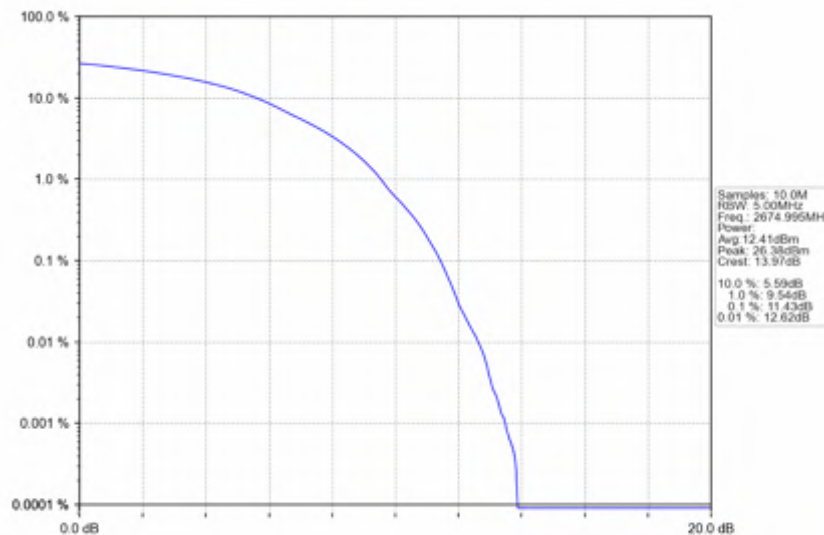
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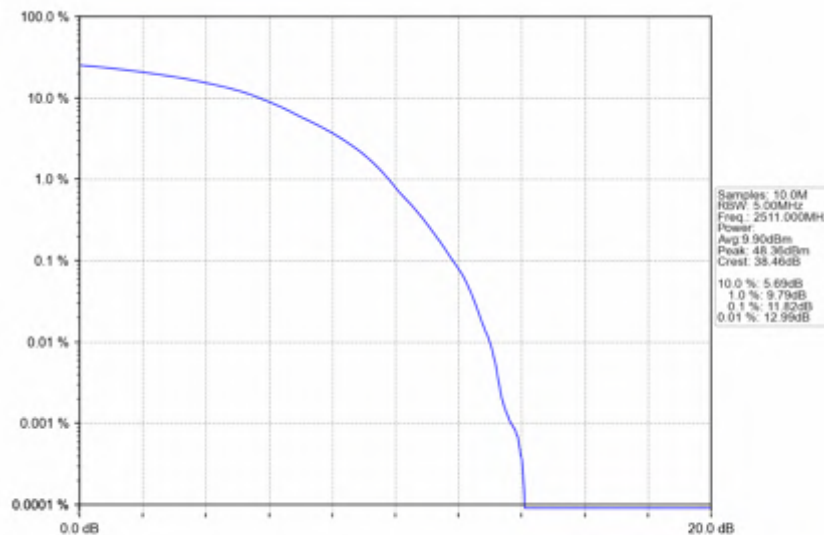


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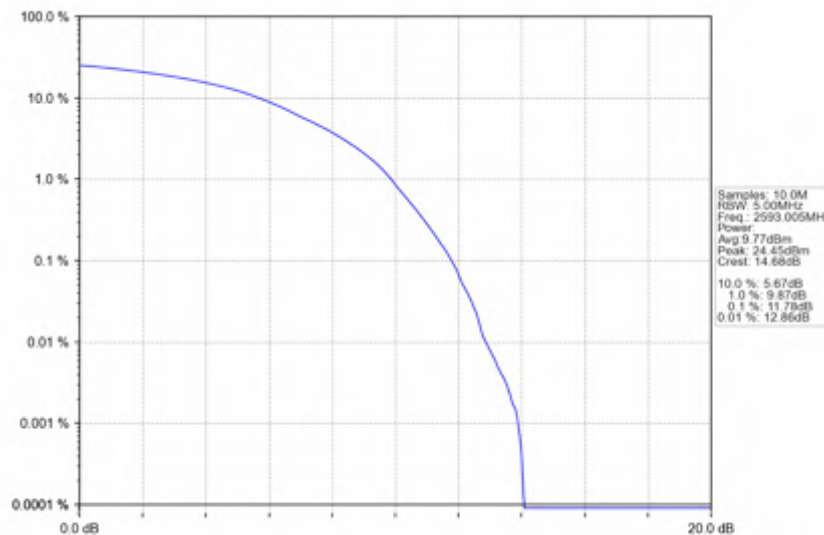
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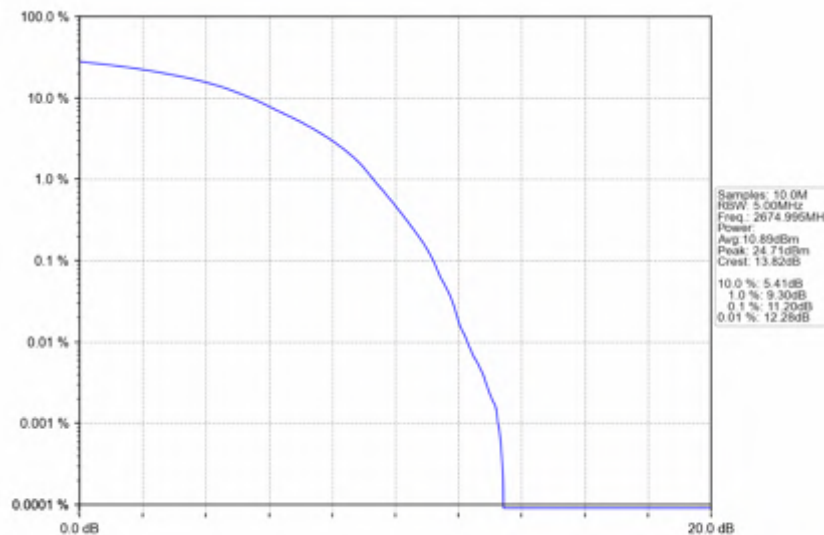
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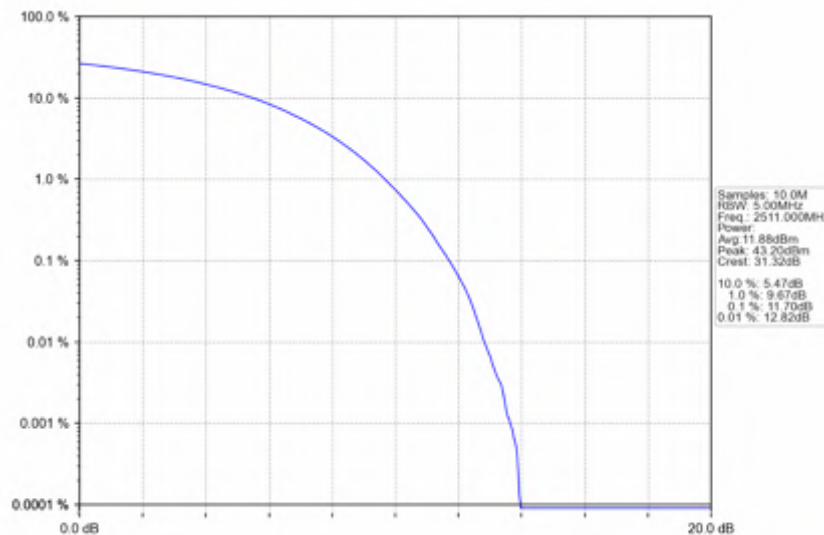
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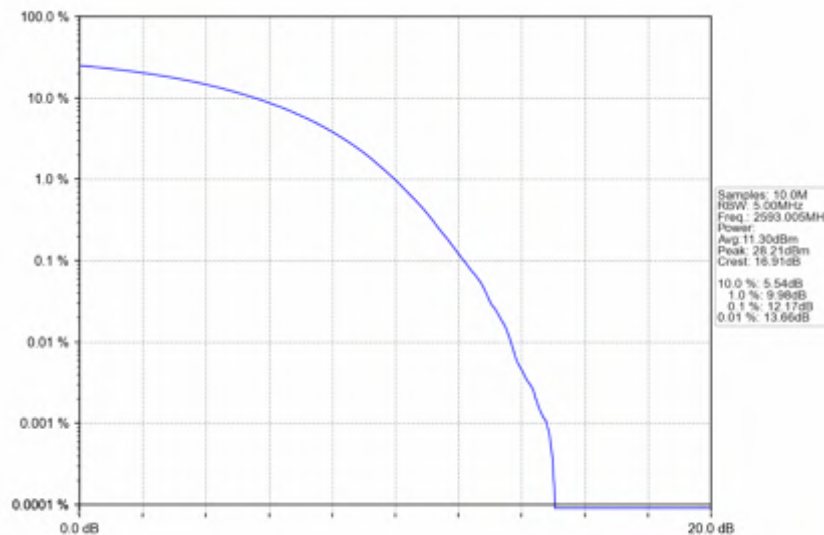


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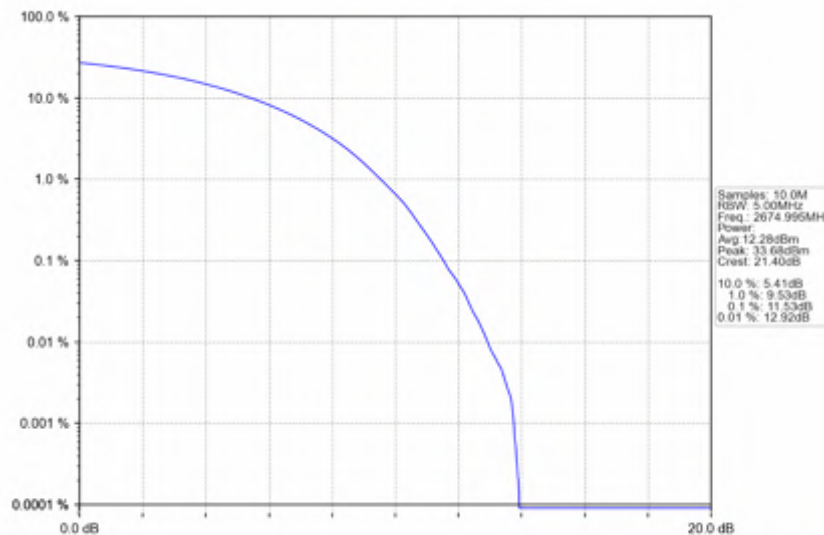
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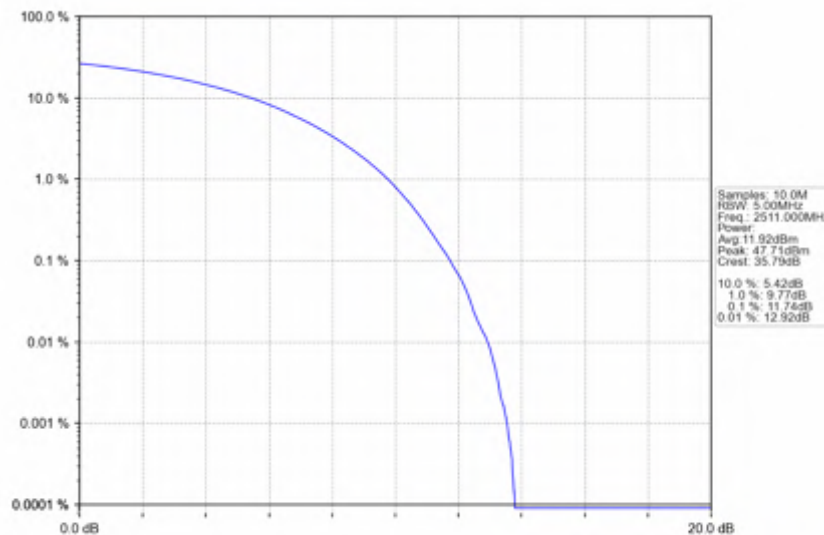
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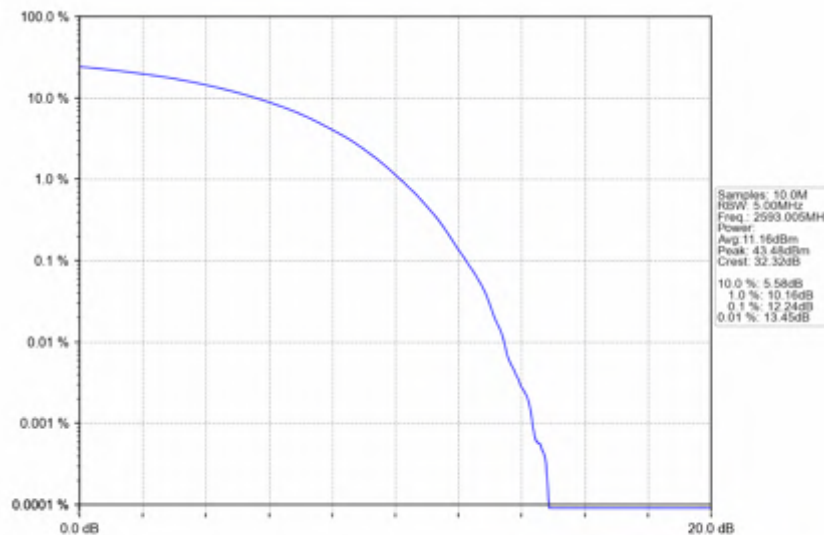
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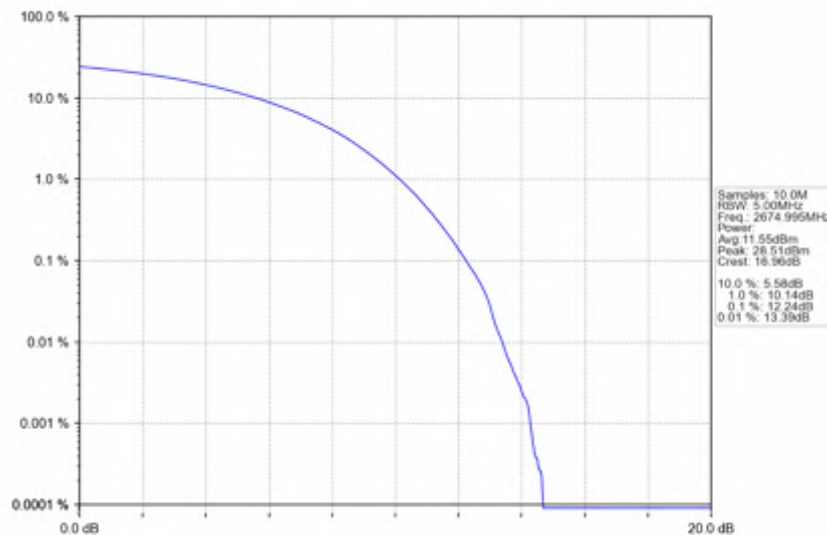
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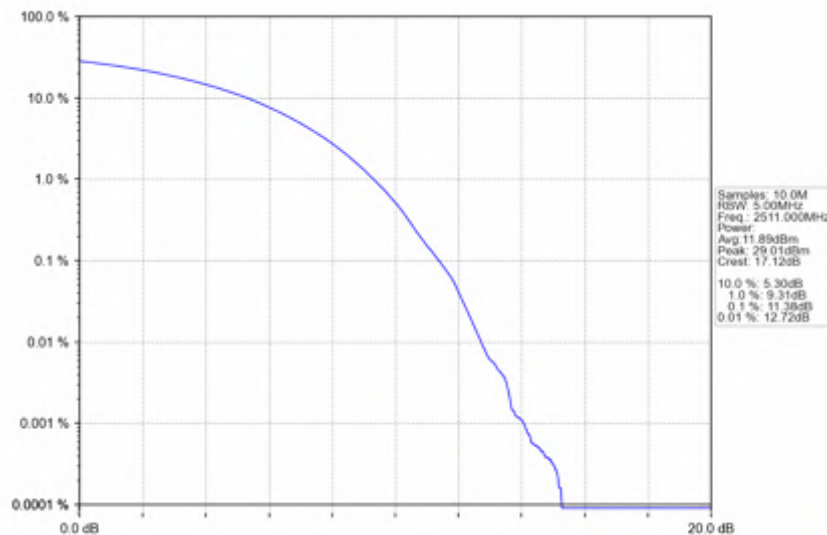
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n41	15kHz	SISO	NTNV	30MHz	CP-OFDM	64 QAM	2511MHz	Outer	Full
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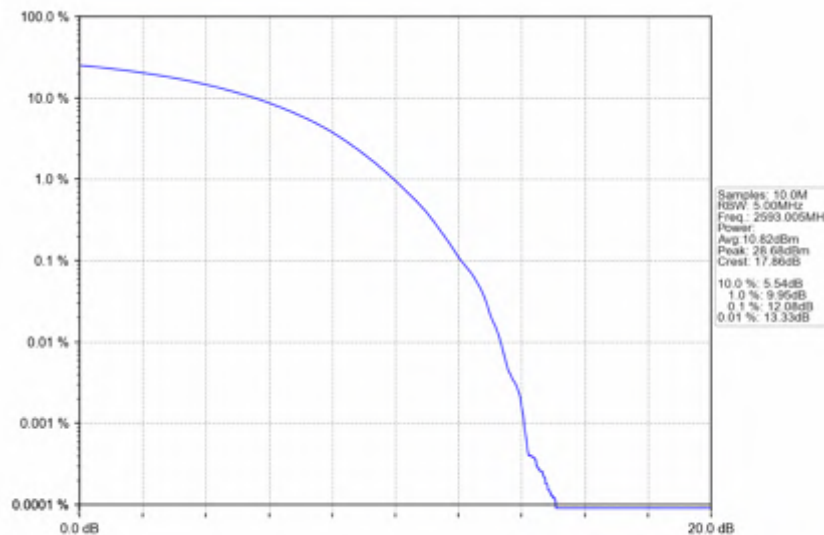


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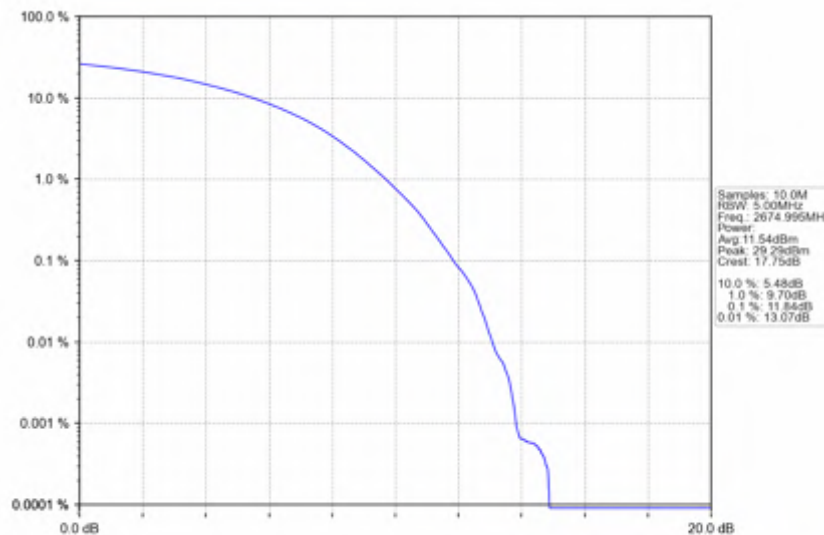
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n41_15kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2674.995MHz_Outer_Full



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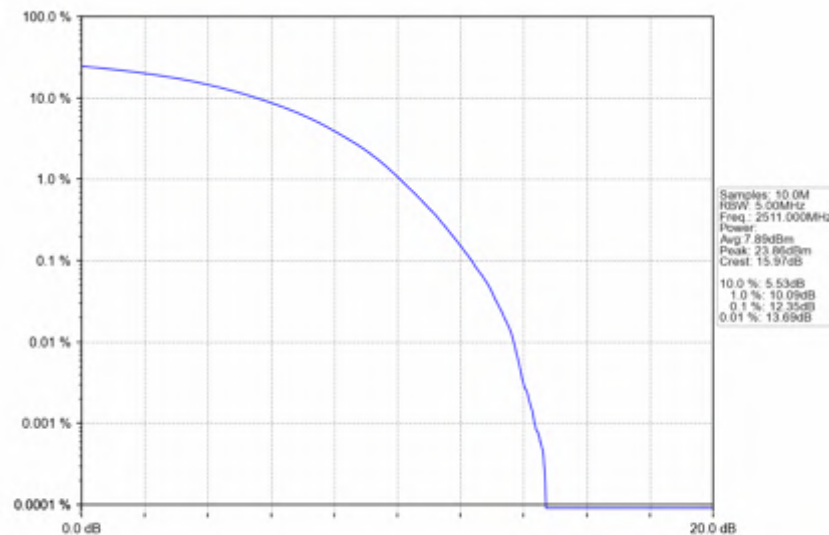
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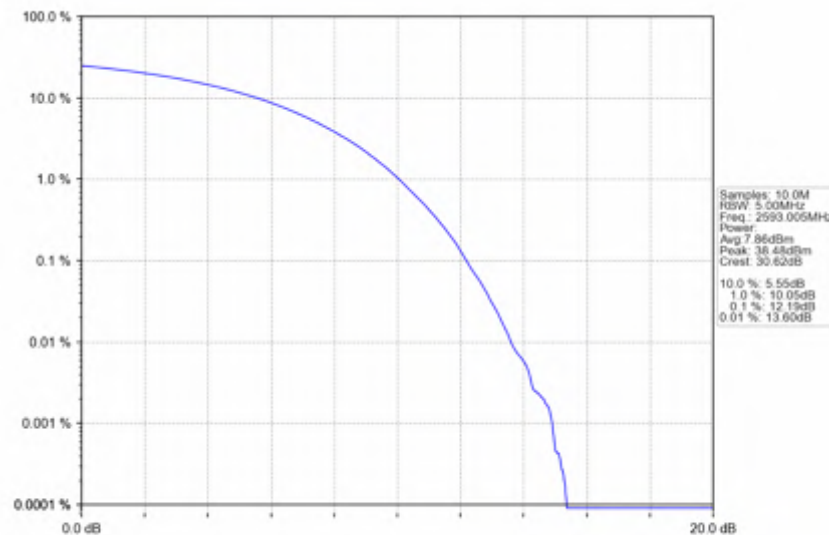
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n41_15kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_2511MHz_Outer_Full



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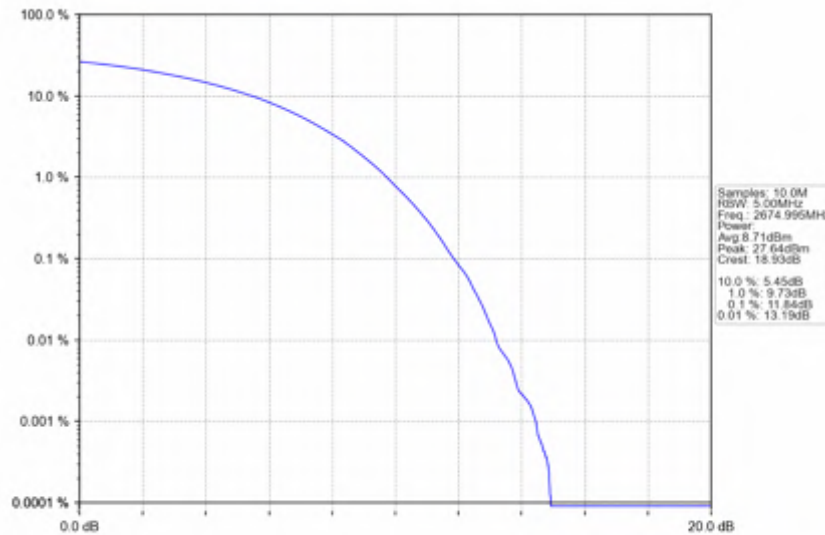
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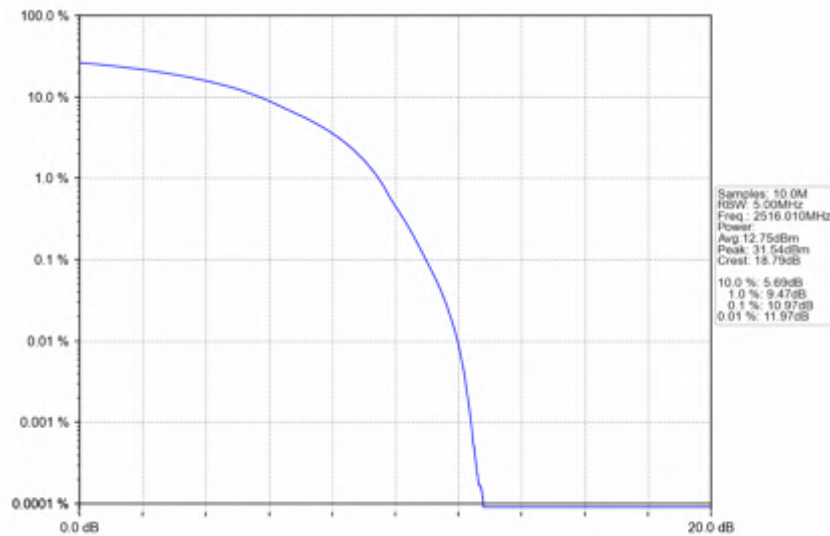
6.5 15k_SISO_40MHz_NTNV

6.5.1 Test Result

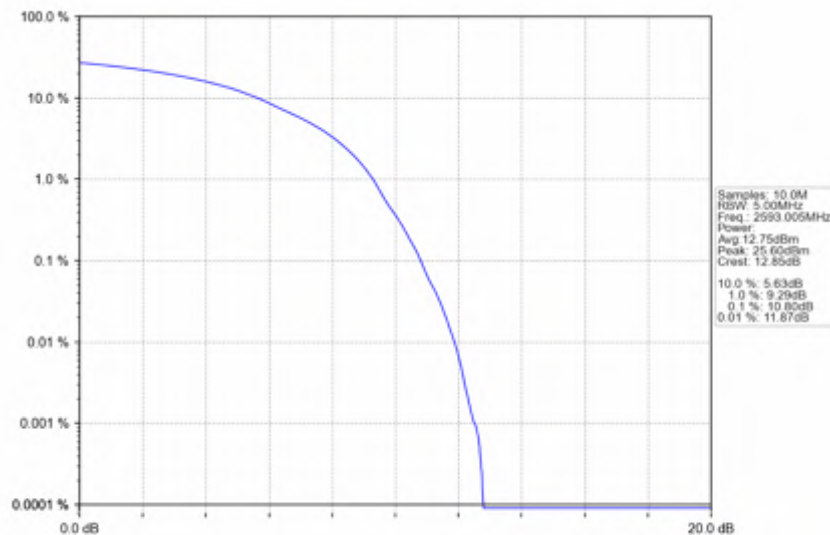
5G NR n41 SCS=15kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Outer_Full	10.97	/	/	<=13	Pass
	2593.005	Outer_Full	10.80	/	/	<=13	Pass
	2670	Outer_Full	10.88	/	/	<=13	Pass
DFT-s-OFDM QPSK	2516.01	Outer_Full	11.69	/	/	<=13	Pass
	2593.005	Outer_Full	11.45	/	/	<=13	Pass
	2670	Outer_Full	11.60	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer_Full	11.63	/	/	<=13	Pass
	2593.005	Outer_Full	11.41	/	/	<=13	Pass
	2670	Outer_Full	11.57	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer_Full	11.93	/	/	<=13	Pass
	2593.005	Outer_Full	11.51	/	/	<=13	Pass
	2670	Outer_Full	11.24	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer_Full	11.79	/	/	<=13	Pass
	2593.005	Outer_Full	11.82	/	/	<=13	Pass
	2670	Outer_Full	11.83	/	/	<=13	Pass
CP-OFDM QPSK	2516.01	Outer_Full	12.12	/	/	<=13	Pass
	2593.005	Outer_Full	12.02	/	/	<=13	Pass
	2670	Outer_Full	12.11	/	/	<=13	Pass
CP-OFDM 16 QAM	2516.01	Outer_Full	12.13	/	/	<=13	Pass
	2593.005	Outer_Full	12.18	/	/	<=13	Pass
	2670	Outer_Full	12.08	/	/	<=13	Pass
CP-OFDM 64 QAM	2516.01	Outer_Full	12.23	/	/	<=13	Pass
	2593.005	Outer_Full	12.33	/	/	<=13	Pass
	2670	Outer_Full	12.10	/	/	<=13	Pass
CP-OFDM 256 QAM	2516.01	Outer_Full	12.06	/	/	<=13	Pass
	2593.005	Outer_Full	12.03	/	/	<=13	Pass
	2670	Outer_Full	11.87	/	/	<=13	Pass

6.5.2 Test Graph

n41_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2516.01MHz_Outer_Full



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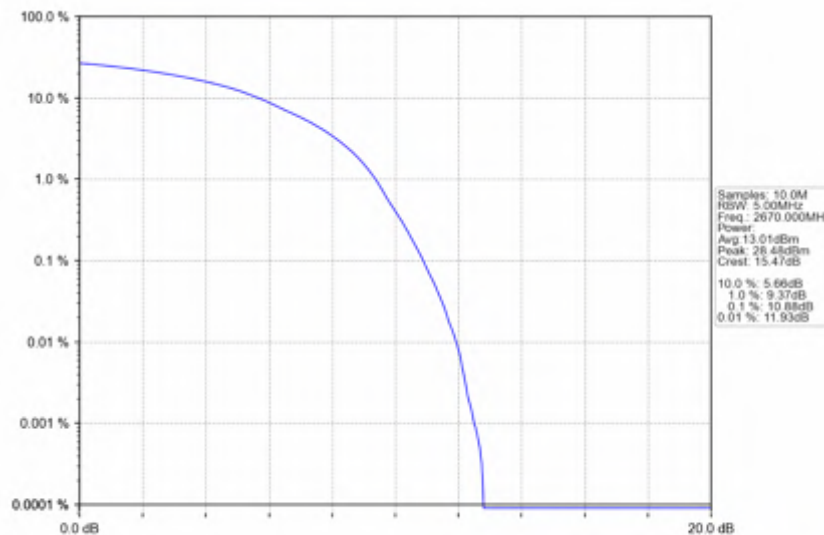
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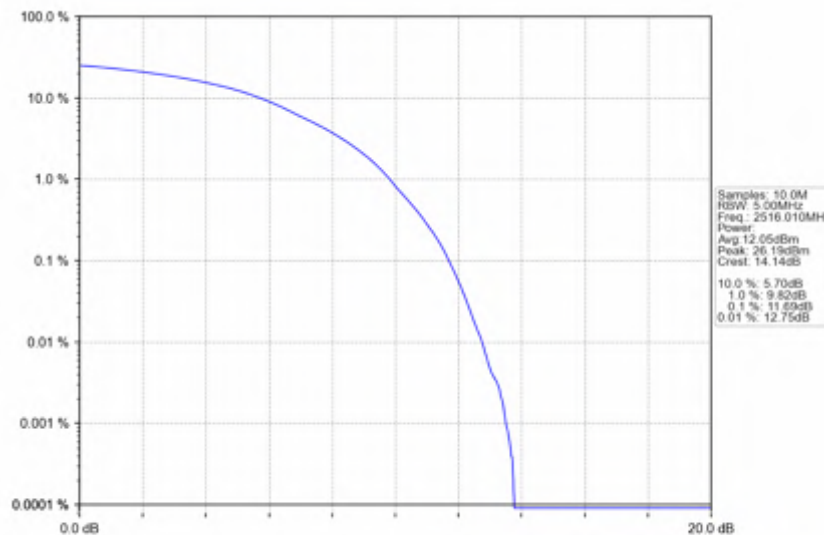
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n41_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2516.01MHz_Outer_Full

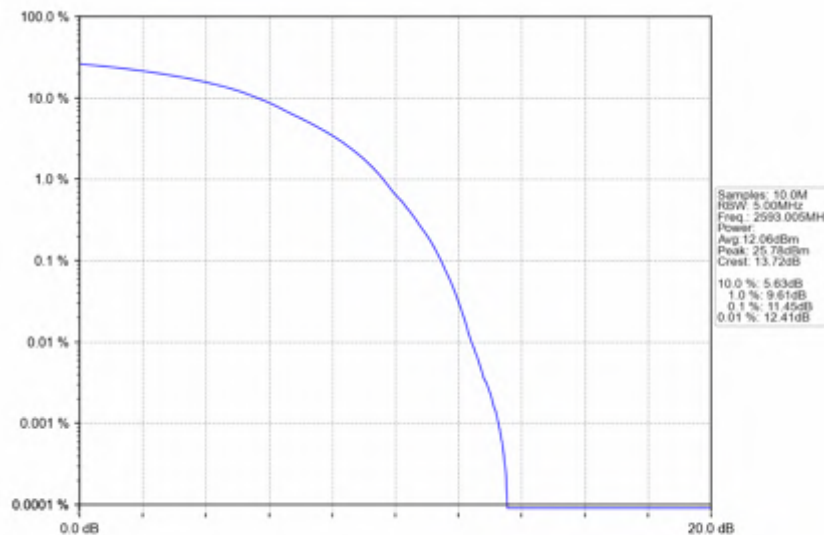


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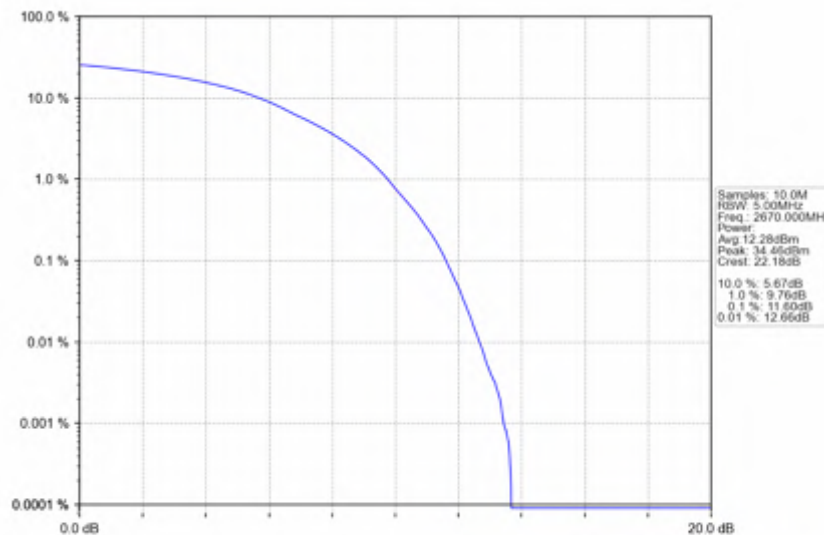
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n41_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2670MHz_Outer_Full



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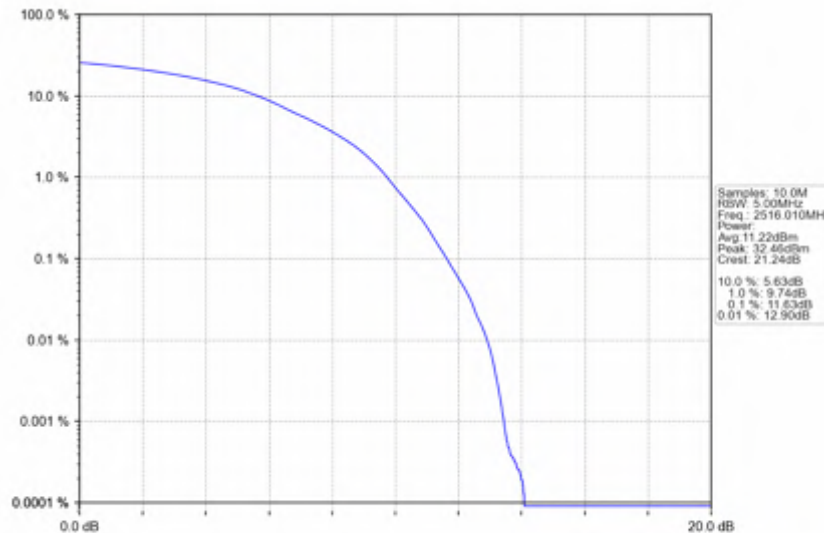
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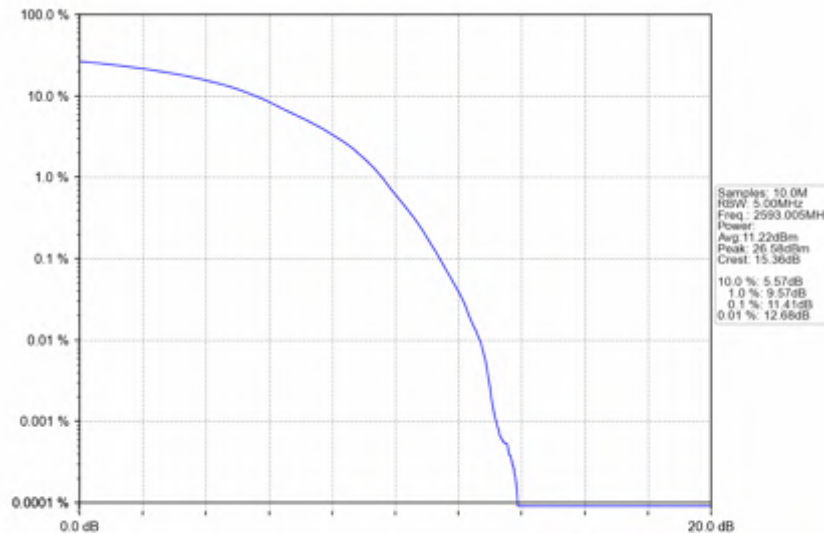
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n41_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_2593.005MHz_Outer_Full

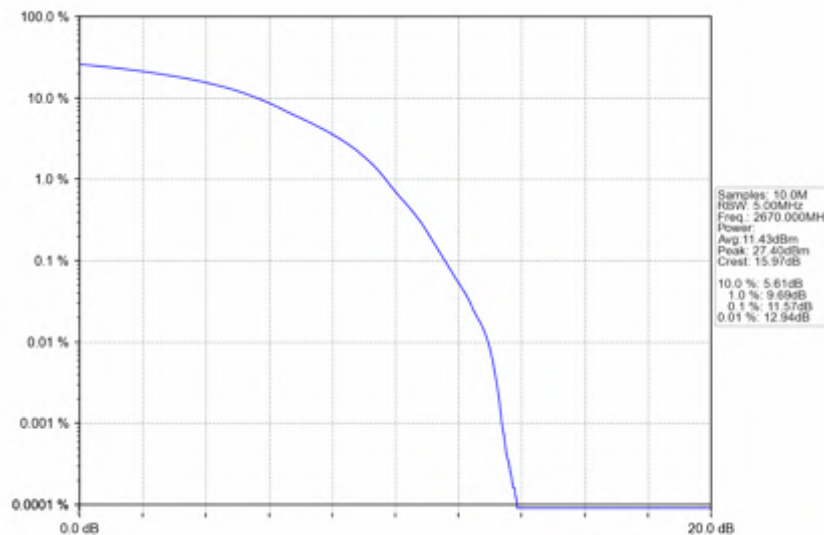


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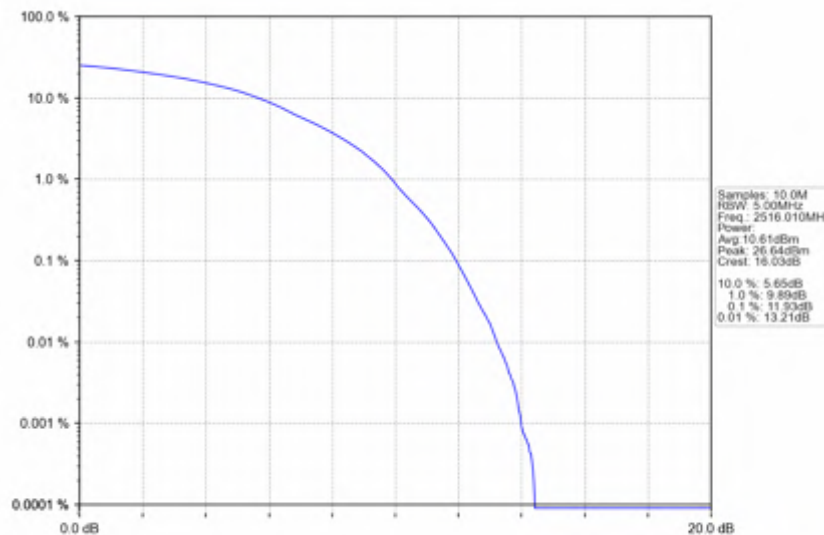
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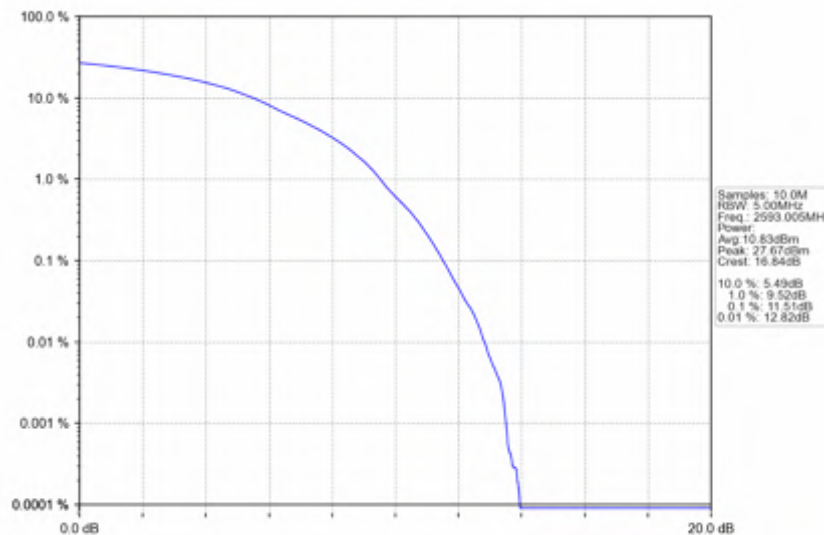
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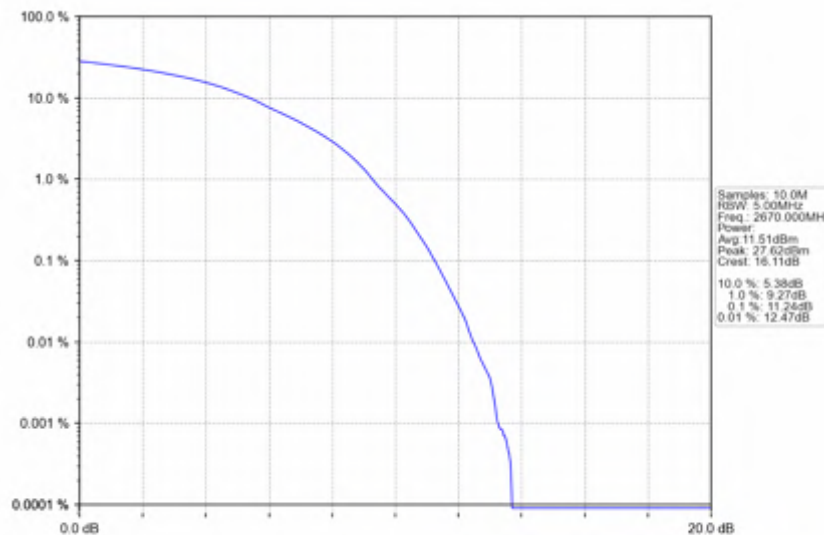
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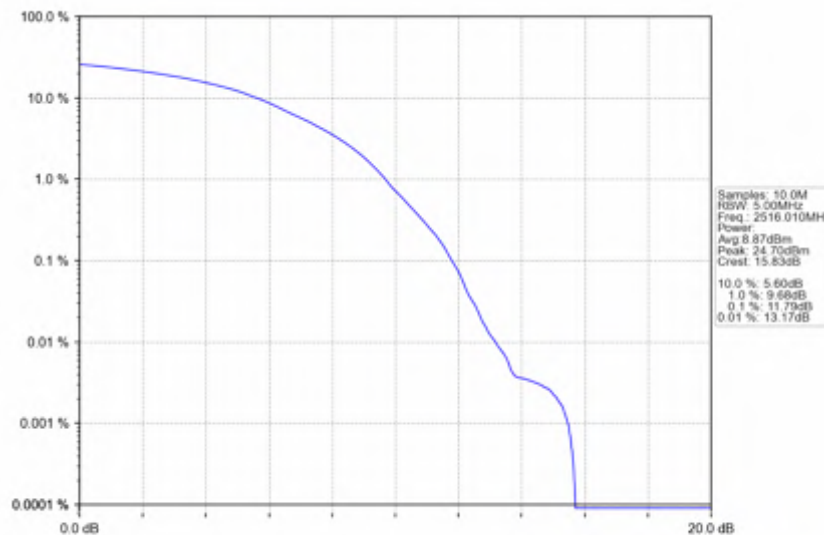
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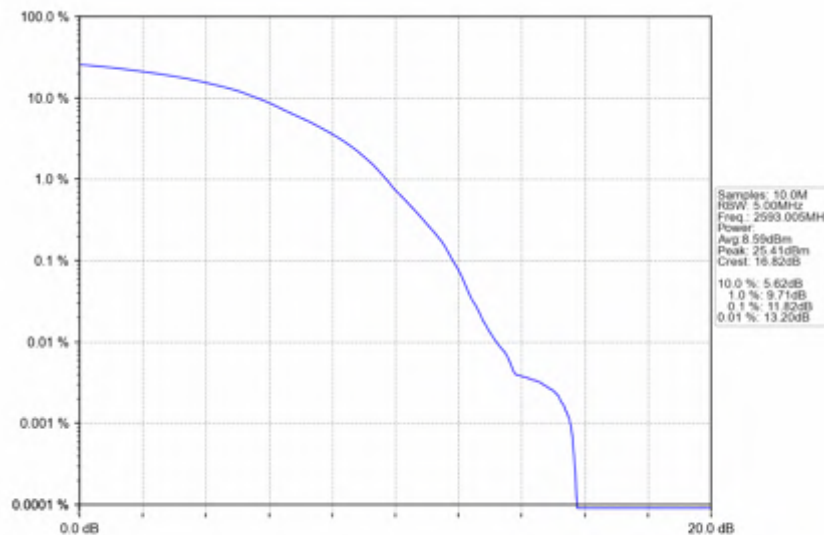
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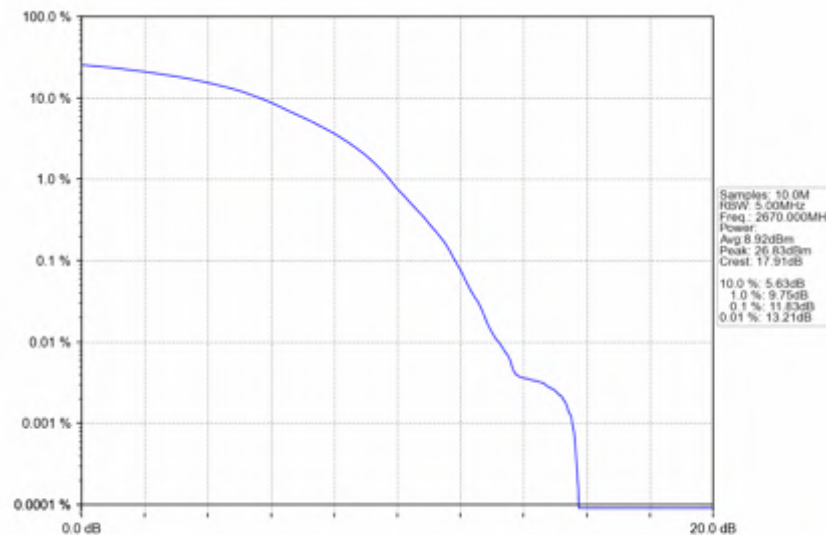
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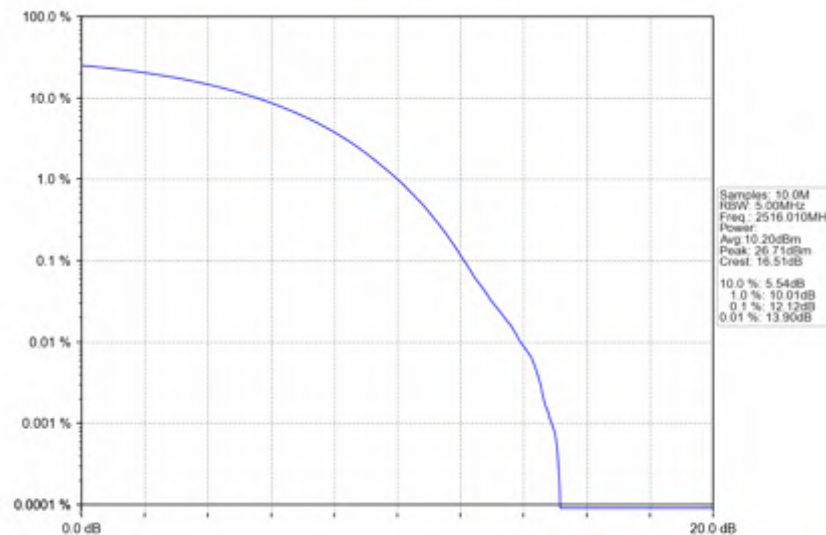
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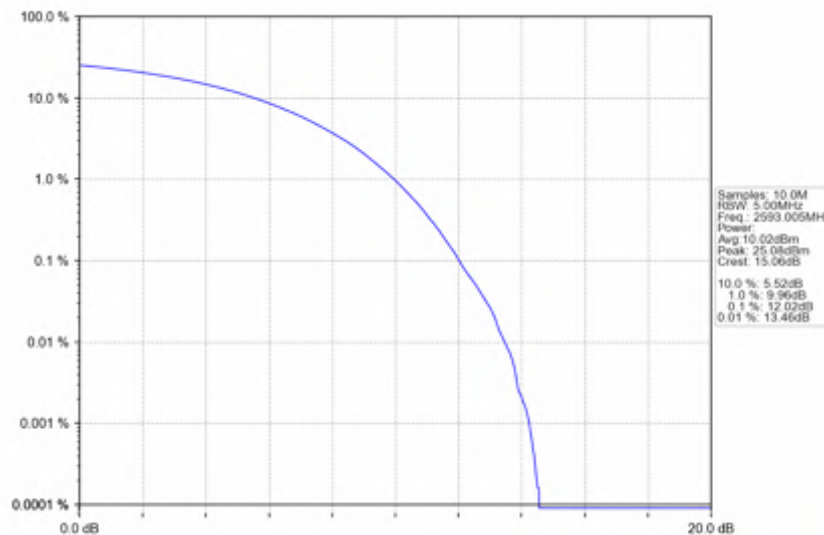


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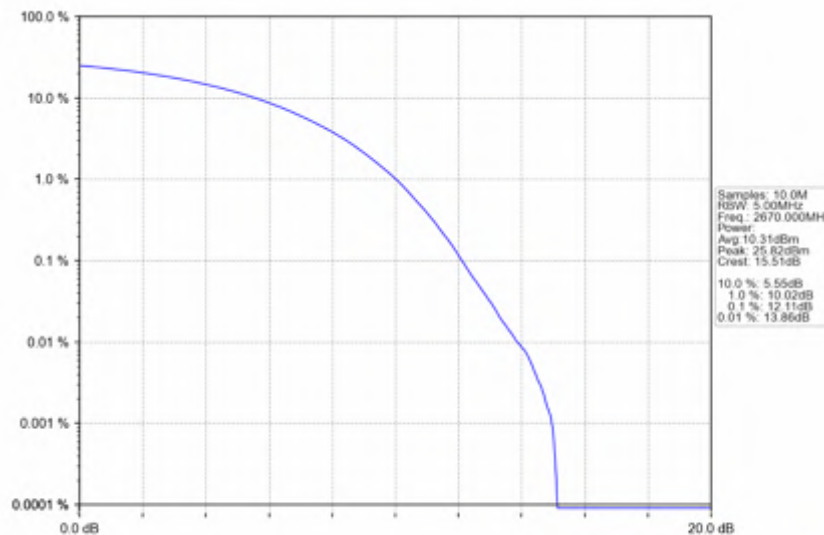
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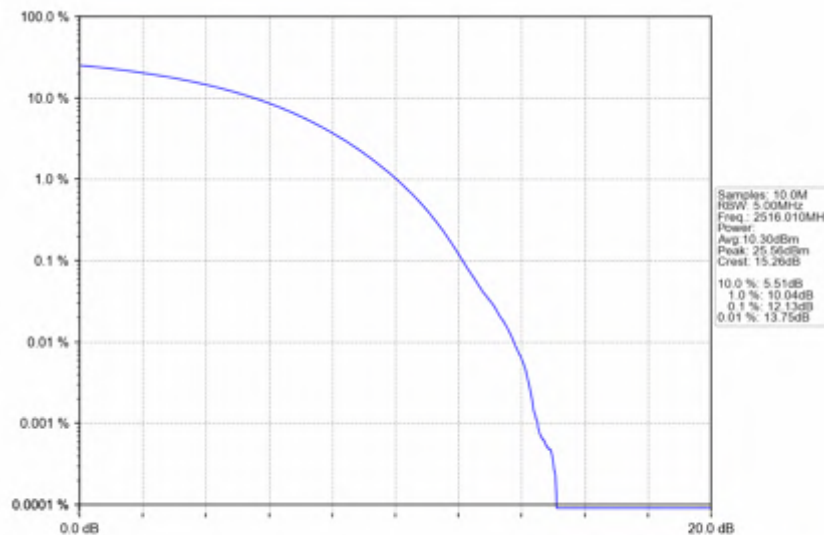


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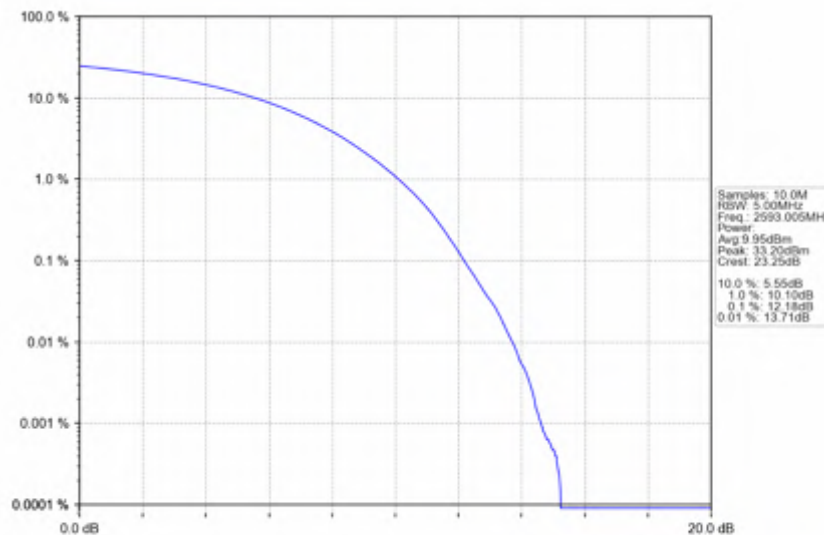
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n41_15kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_2516.01MHz_Outer_Full



n41_15kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_2593.005MHz_Outer_Full



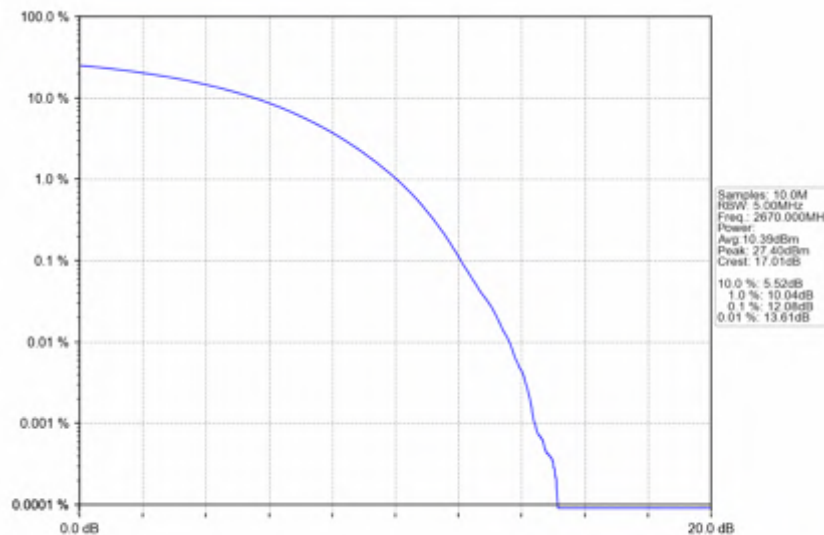
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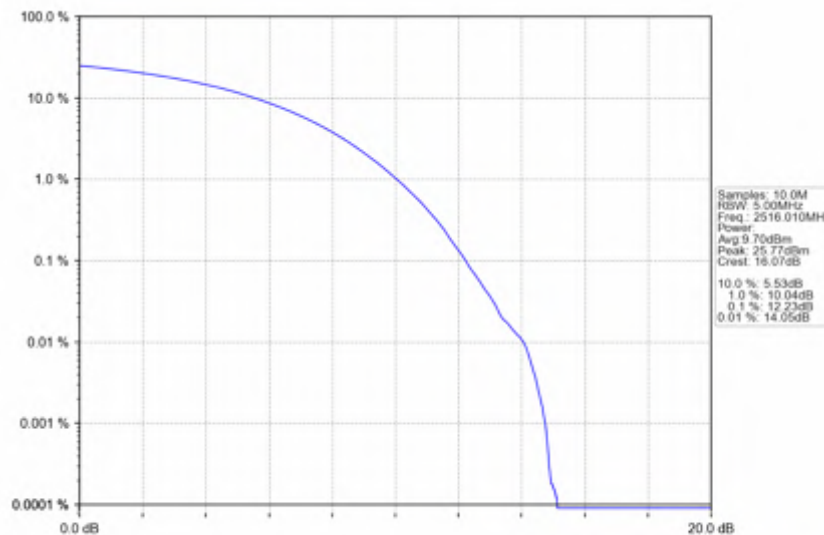
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n41_15kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2670MHz_Outer_Full



n41_15kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2516.01MHz_Outer_Full



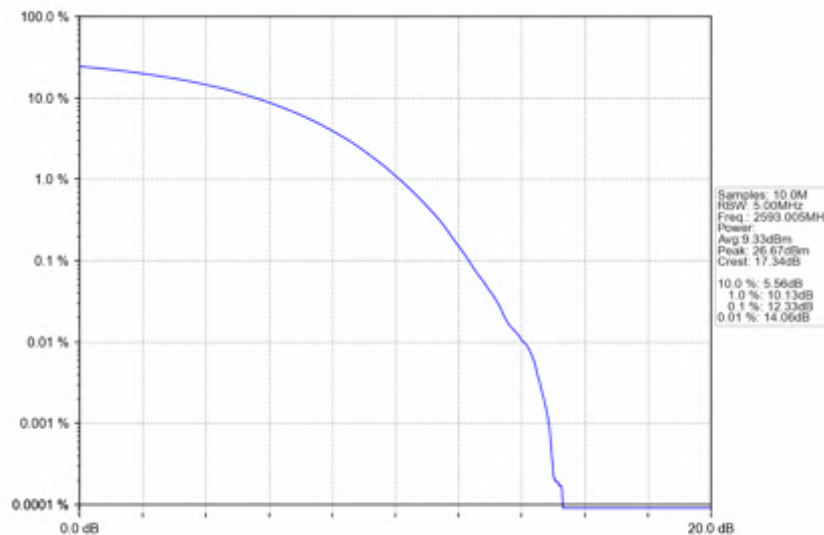
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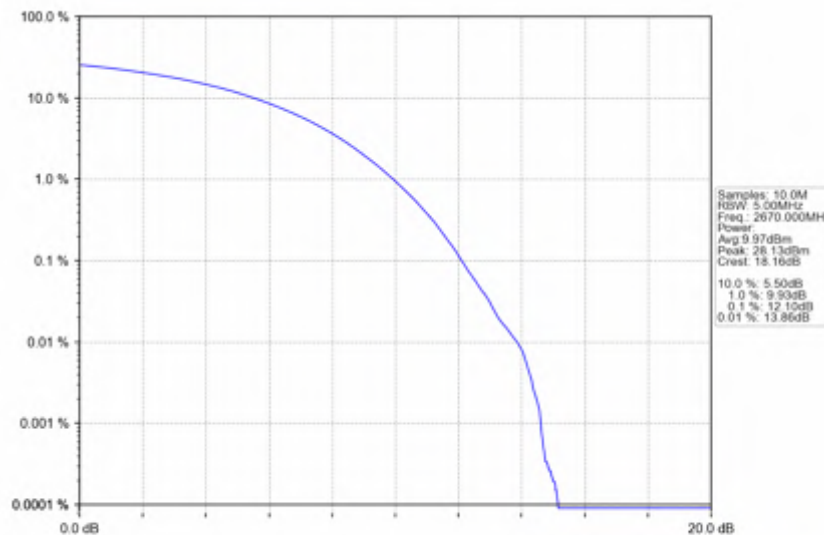
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n41_15kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2593.005MHz_Outer_Full



n41_15kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2670MHz_Outer_Full



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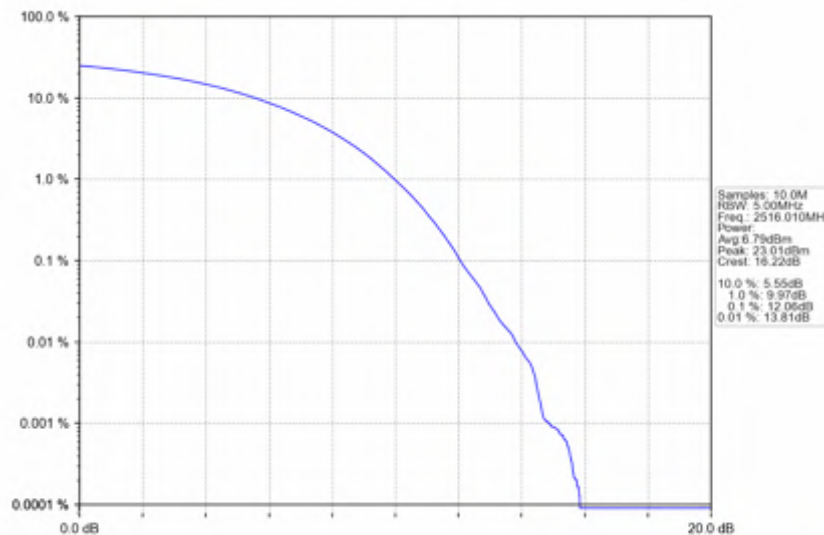
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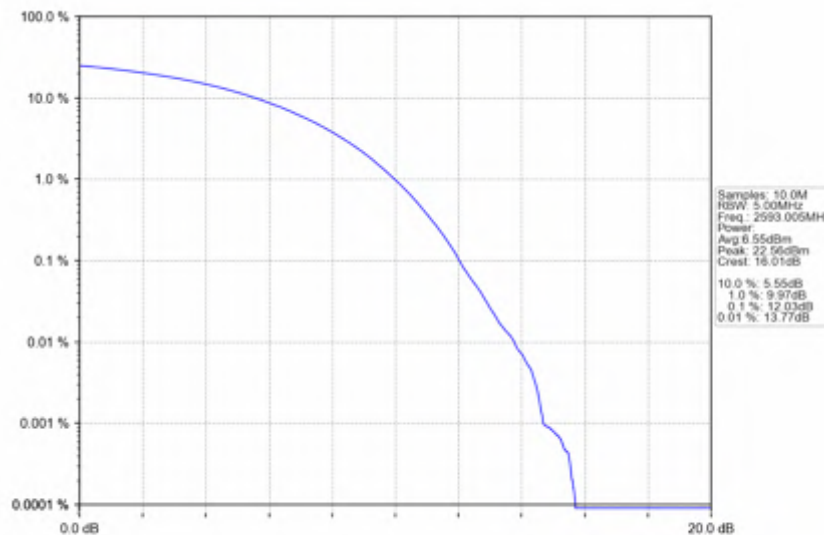
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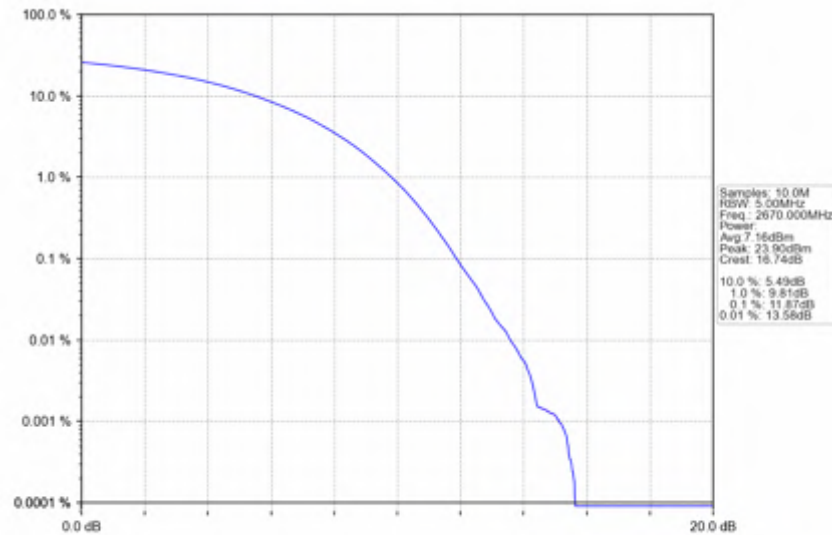
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n41_15kHz_SISO_NTNV_40MHz_CP-OFDM_256 QAM_2670MHz_Outer_Full



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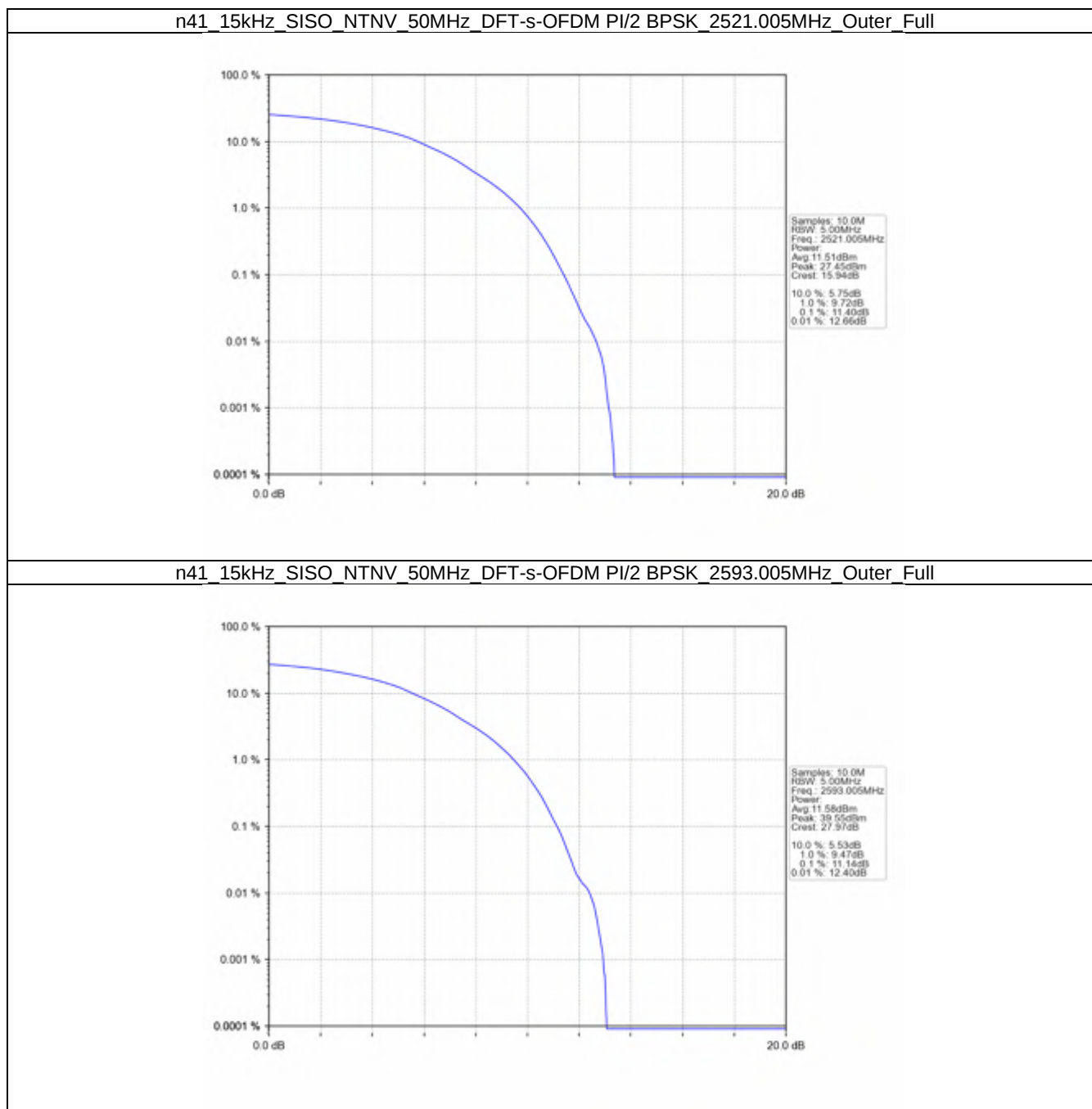
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6.6 15k_SISO_50MHz_NTNV

6.6.1 Test Result

5G NR n41 SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.005	Outer_Full	11.40	/	/	<=13	Pass
	2593.005	Outer_Full	11.14	/	/	<=13	Pass
	2664.99	Outer_Full	11.08	/	/	<=13	Pass
DFT-s-OFDM QPSK	2521.005	Outer_Full	11.80	/	/	<=13	Pass
	2593.005	Outer_Full	11.64	/	/	<=13	Pass
	2664.99	Outer_Full	11.94	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2521.005	Outer_Full	11.53	/	/	<=13	Pass
	2593.005	Outer_Full	12.04	/	/	<=13	Pass
	2664.99	Outer_Full	11.87	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2521.005	Outer_Full	11.97	/	/	<=13	Pass
	2593.005	Outer_Full	11.81	/	/	<=13	Pass
	2664.99	Outer_Full	11.85	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2521.005	Outer_Full	11.83	/	/	<=13	Pass
	2593.005	Outer_Full	11.98	/	/	<=13	Pass
	2664.99	Outer_Full	11.76	/	/	<=13	Pass
CP-OFDM QPSK	2521.005	Outer_Full	12.43	/	/	<=13	Pass
	2593.005	Outer_Full	12.15	/	/	<=13	Pass
	2664.99	Outer_Full	12.18	/	/	<=13	Pass
CP-OFDM 16 QAM	2521.005	Outer_Full	12.33	/	/	<=13	Pass
	2593.005	Outer_Full	11.96	/	/	<=13	Pass
	2664.99	Outer_Full	12.18	/	/	<=13	Pass
CP-OFDM 64 QAM	2521.005	Outer_Full	11.85	/	/	<=13	Pass
	2593.005	Outer_Full	12.02	/	/	<=13	Pass
	2664.99	Outer_Full	12.18	/	/	<=13	Pass
CP-OFDM 256 QAM	2521.005	Outer_Full	12.16	/	/	<=13	Pass
	2593.005	Outer_Full	12.24	/	/	<=13	Pass
	2664.99	Outer_Full	12.20	/	/	<=13	Pass

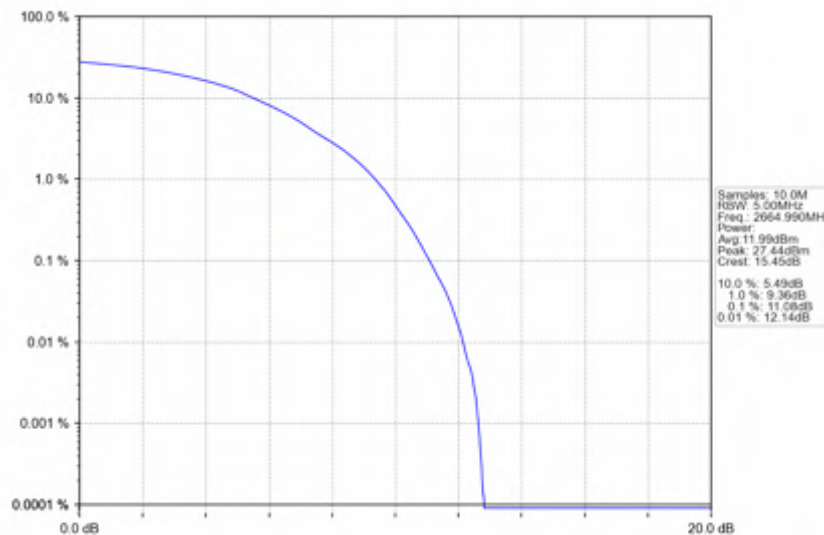
6.6.2 Test Graph



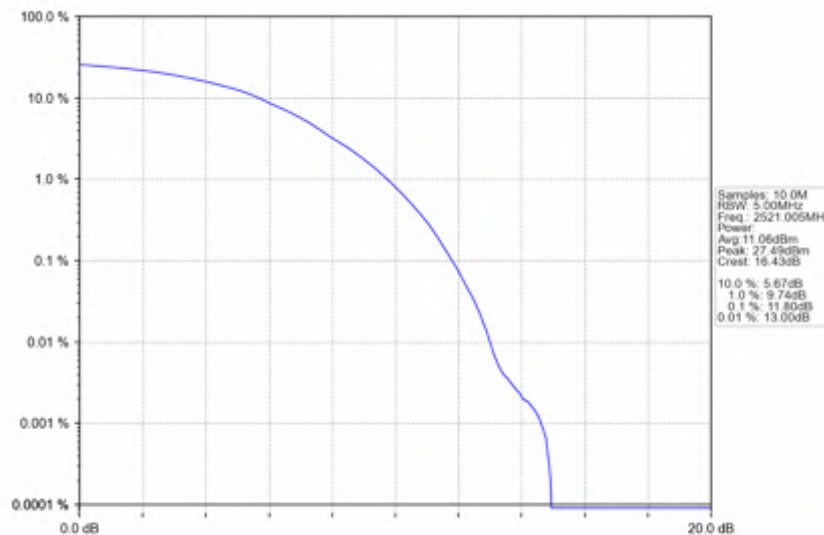
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n41_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2664.99MHz_Outer_Full



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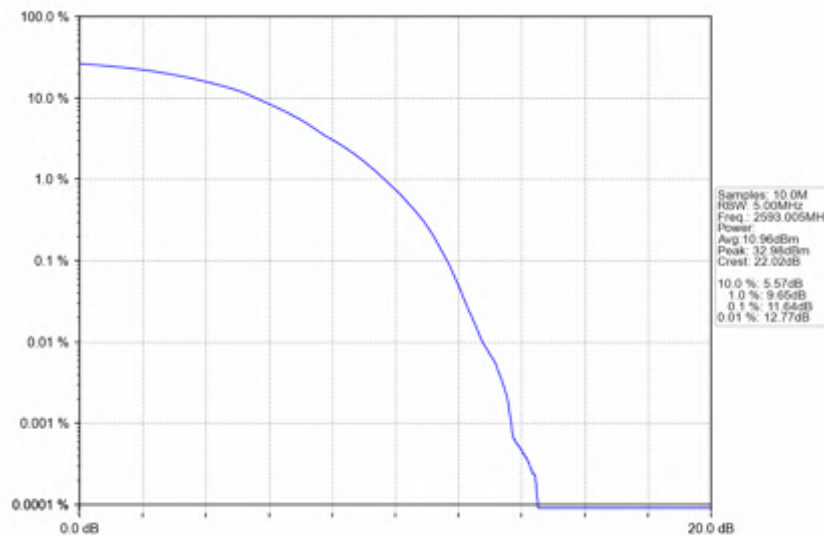
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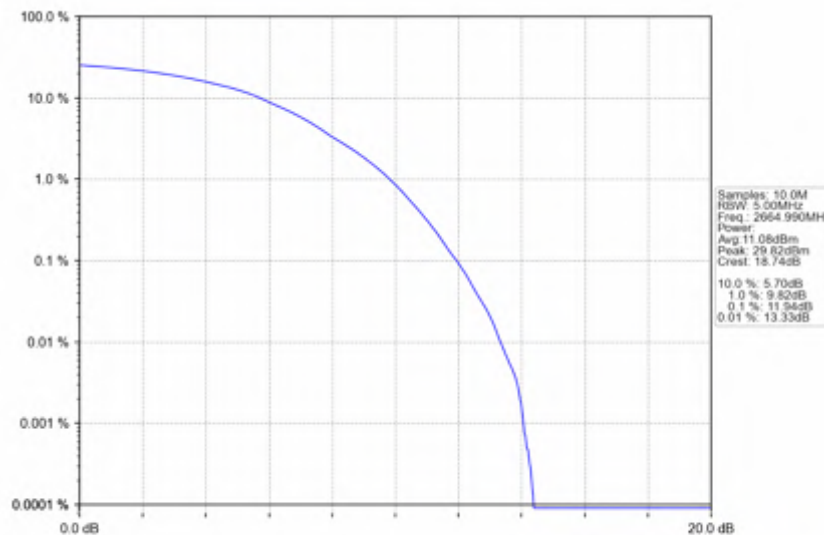
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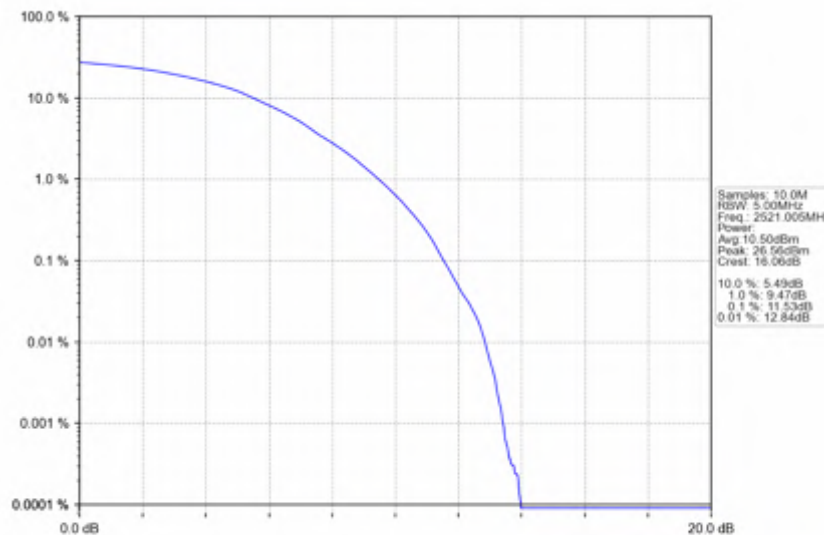
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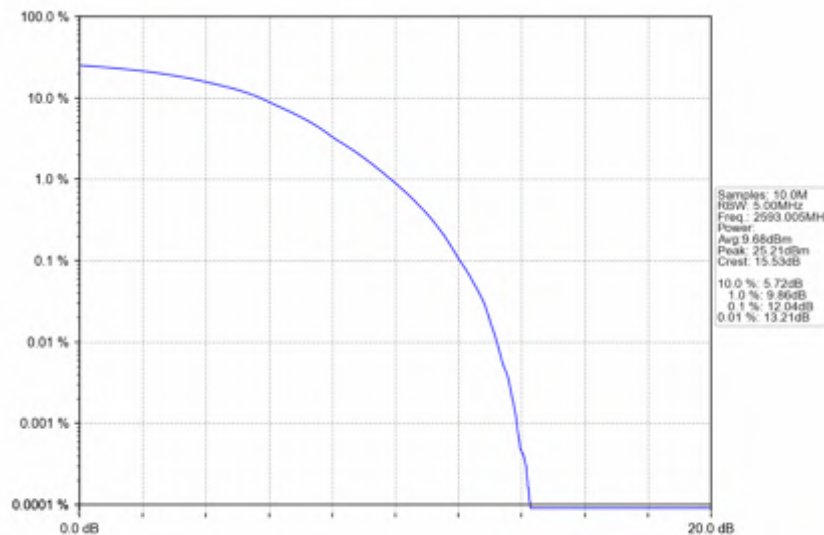
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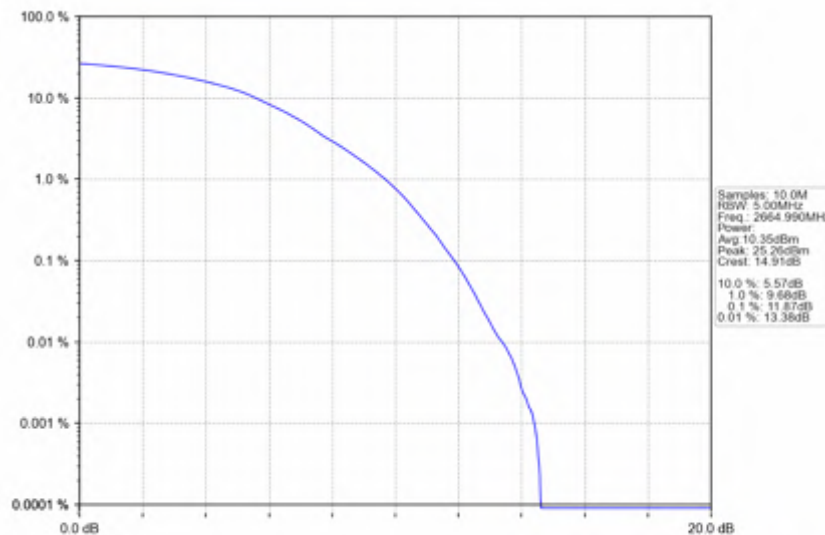
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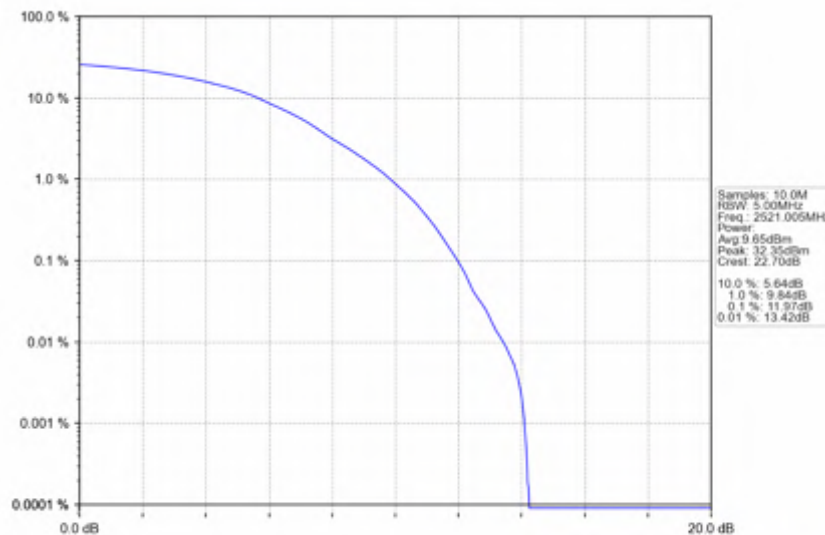
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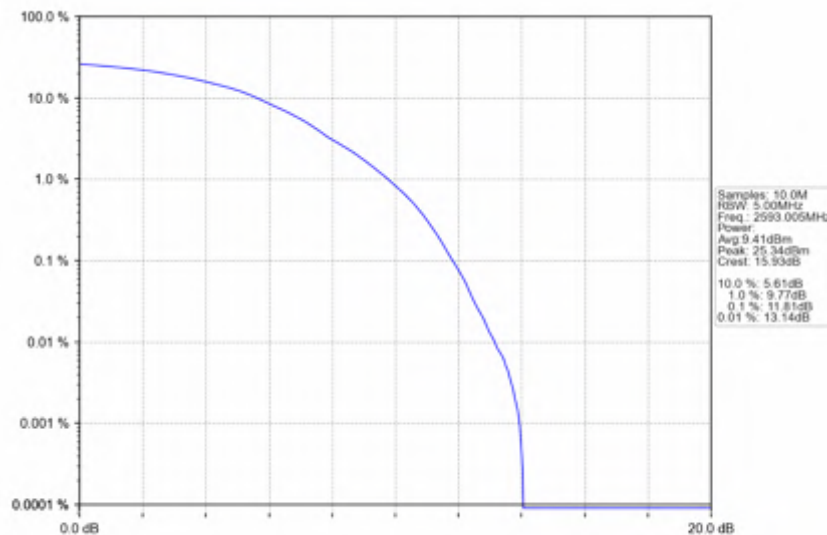
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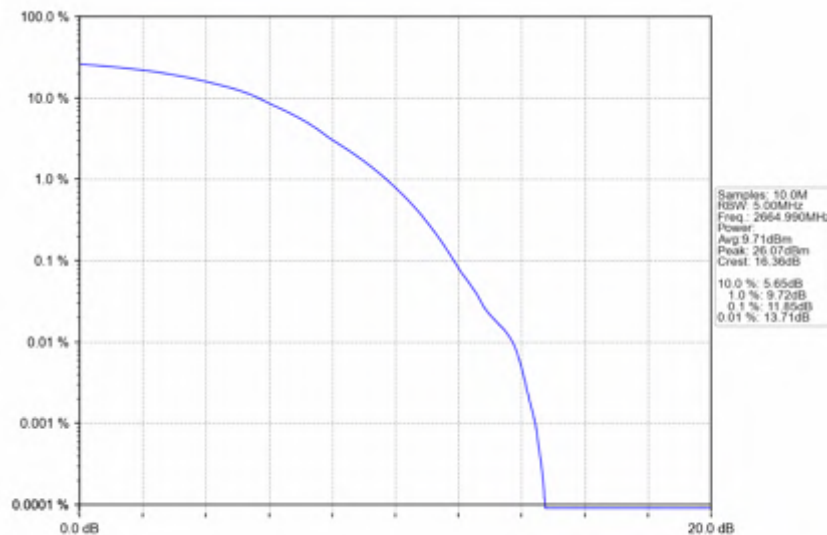
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n41_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_2593.005MHz_Outer_Full



n41_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_2664.99MHz_Outer_Full



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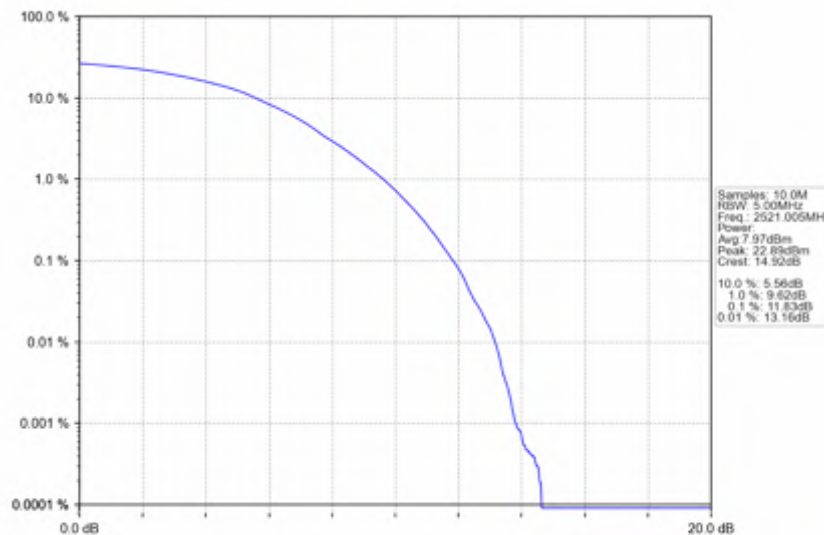
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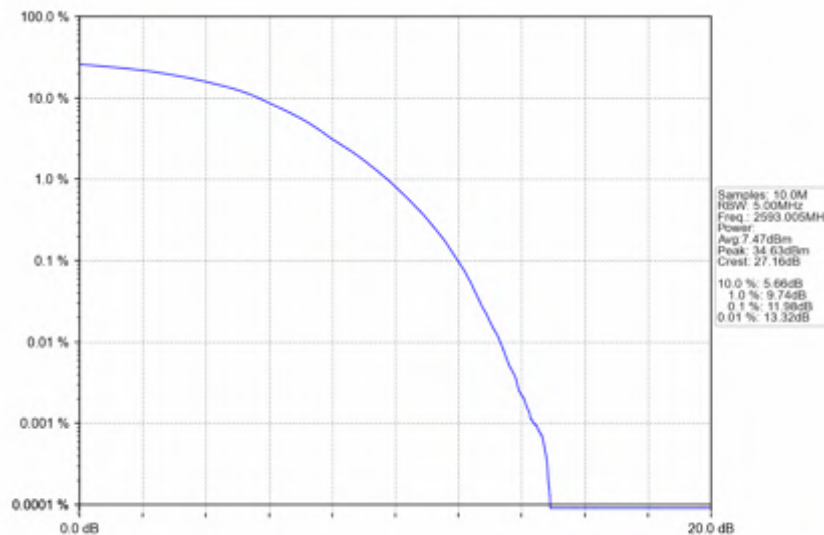
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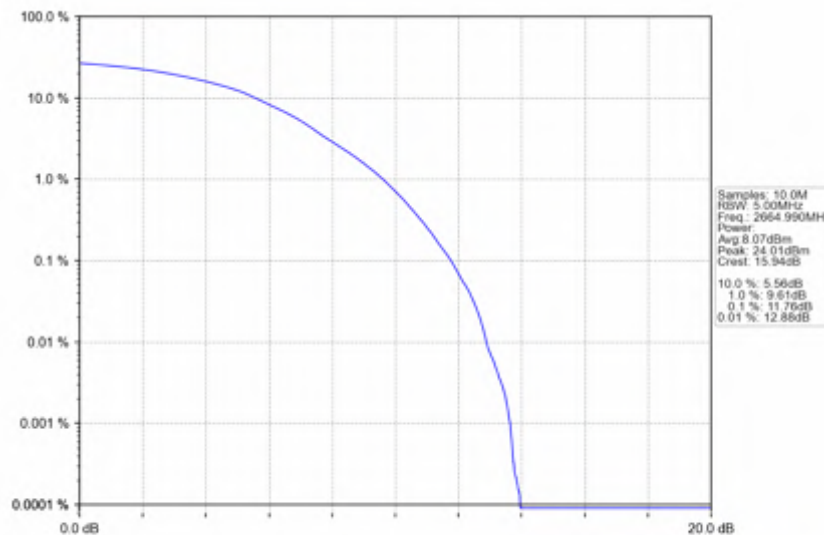
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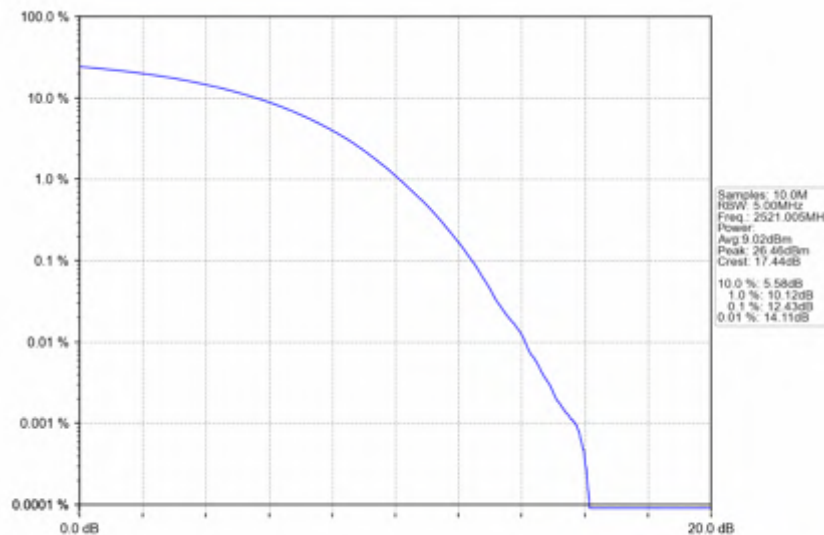
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n41_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_2664.99MHz_Outer_Full



n41_15kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2521.005MHz_Outer_Full



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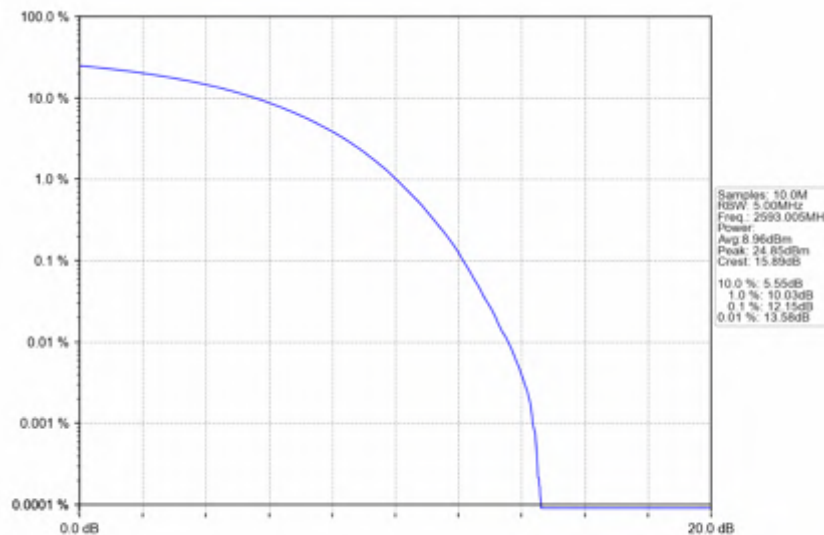
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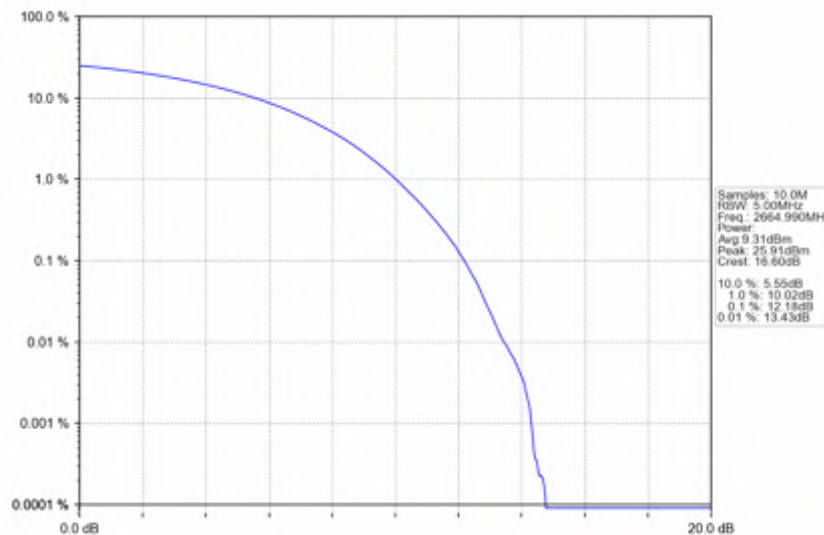
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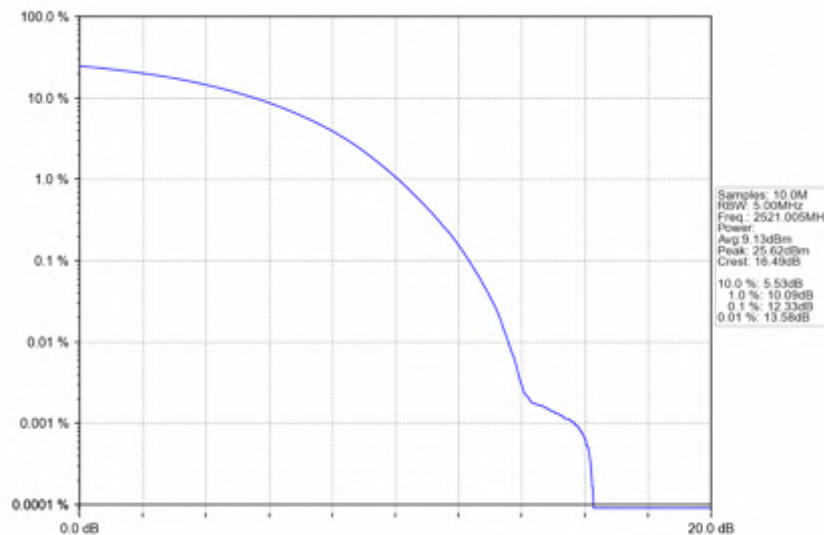


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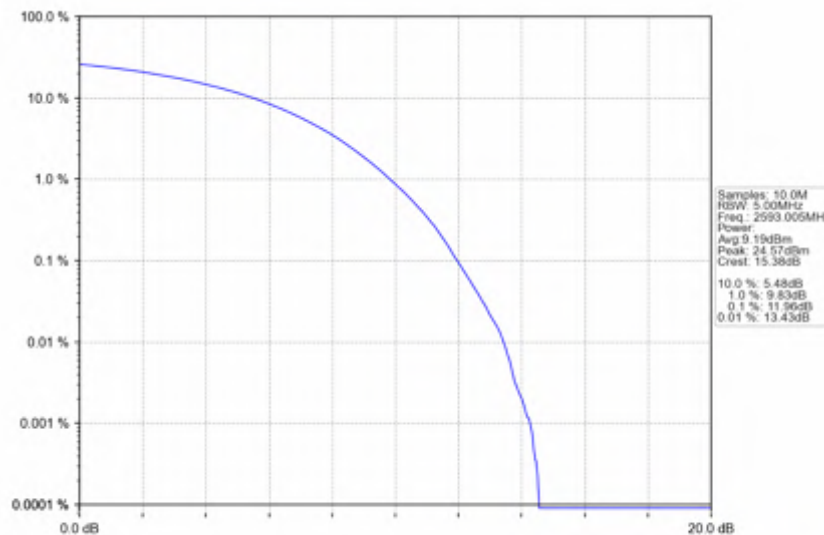
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n41_15kHz_SISO_NTNV_50MHz_CP-OFDM_16 QAM_2521.005MHz_Outer_Full



n41_15kHz_SISO_NTNV_50MHz_CP-OFDM_16 QAM_2593.005MHz_Outer_Full



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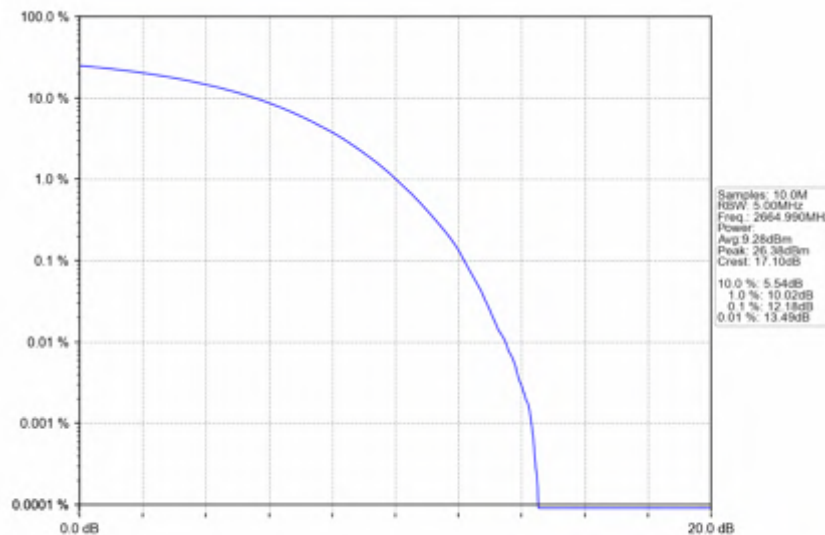
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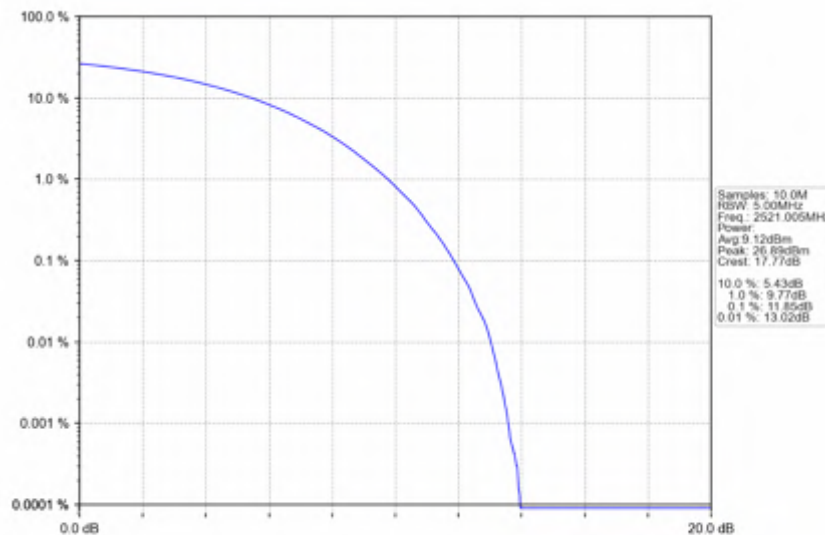
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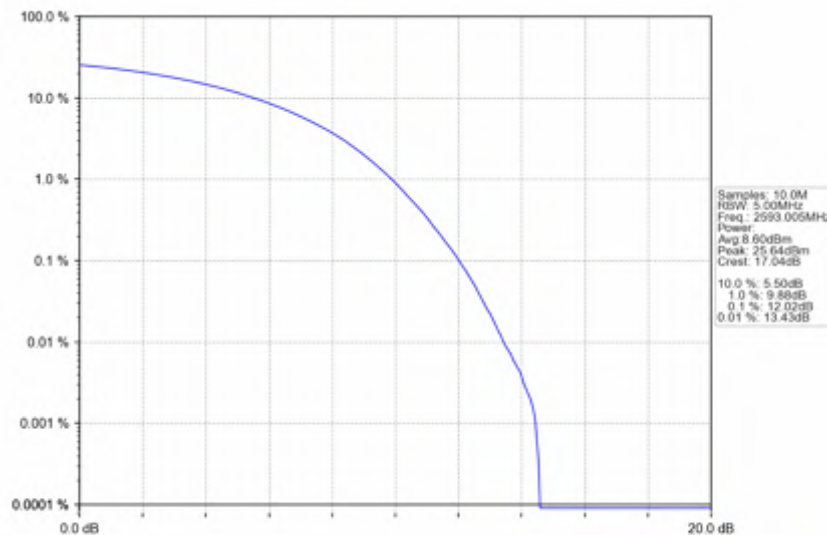
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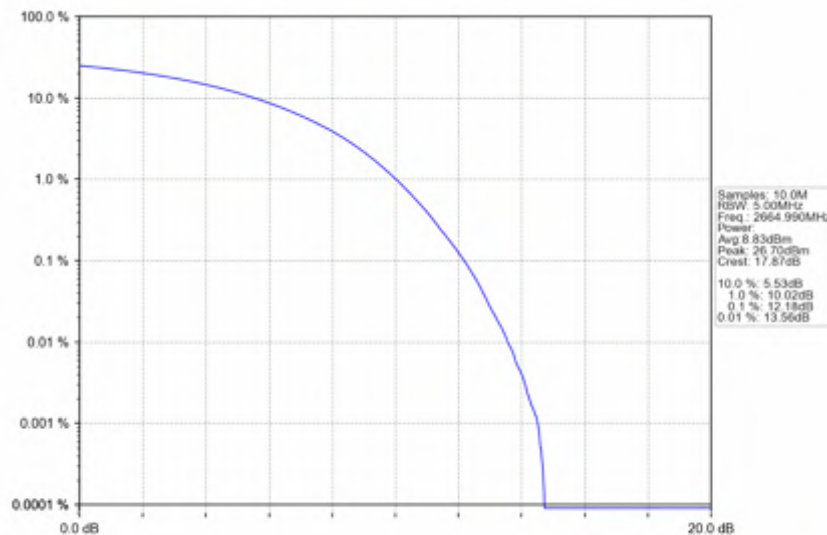
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n41	15kHz	SISO	NTNV	50MHz	CP-OFDM	64 QAM	2664.99MHz	Outer	Full
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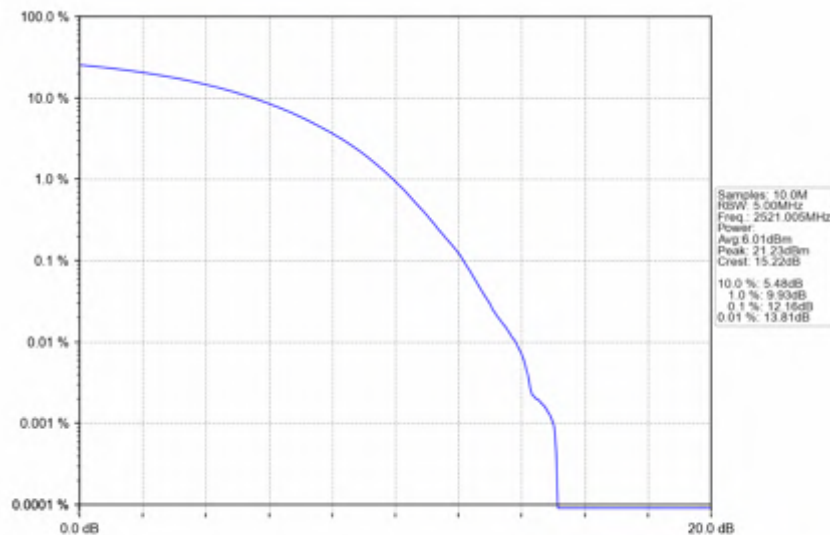


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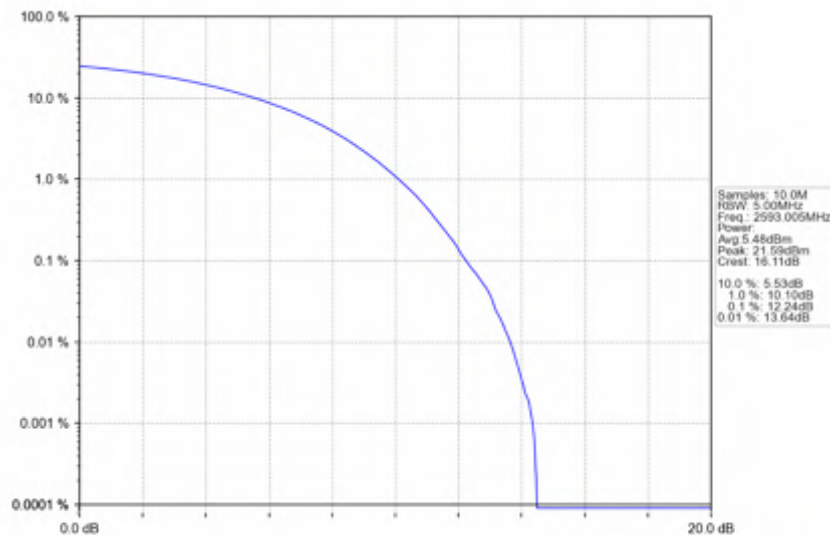
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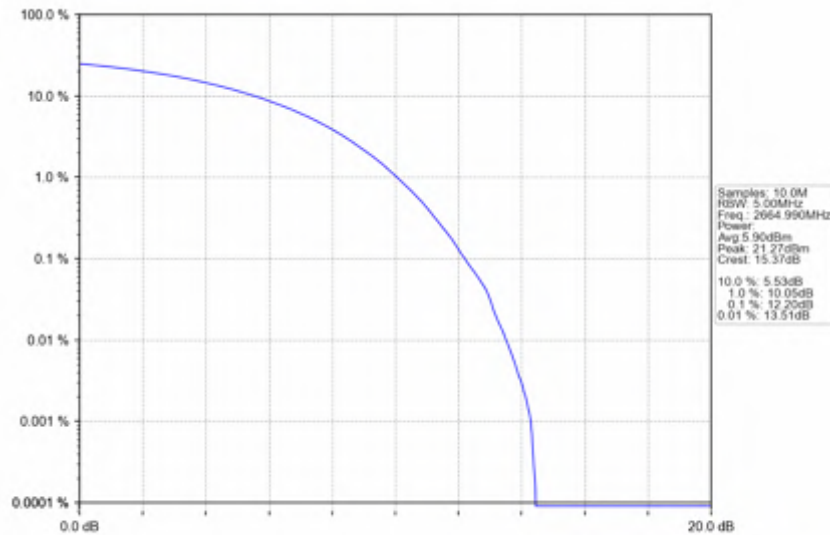
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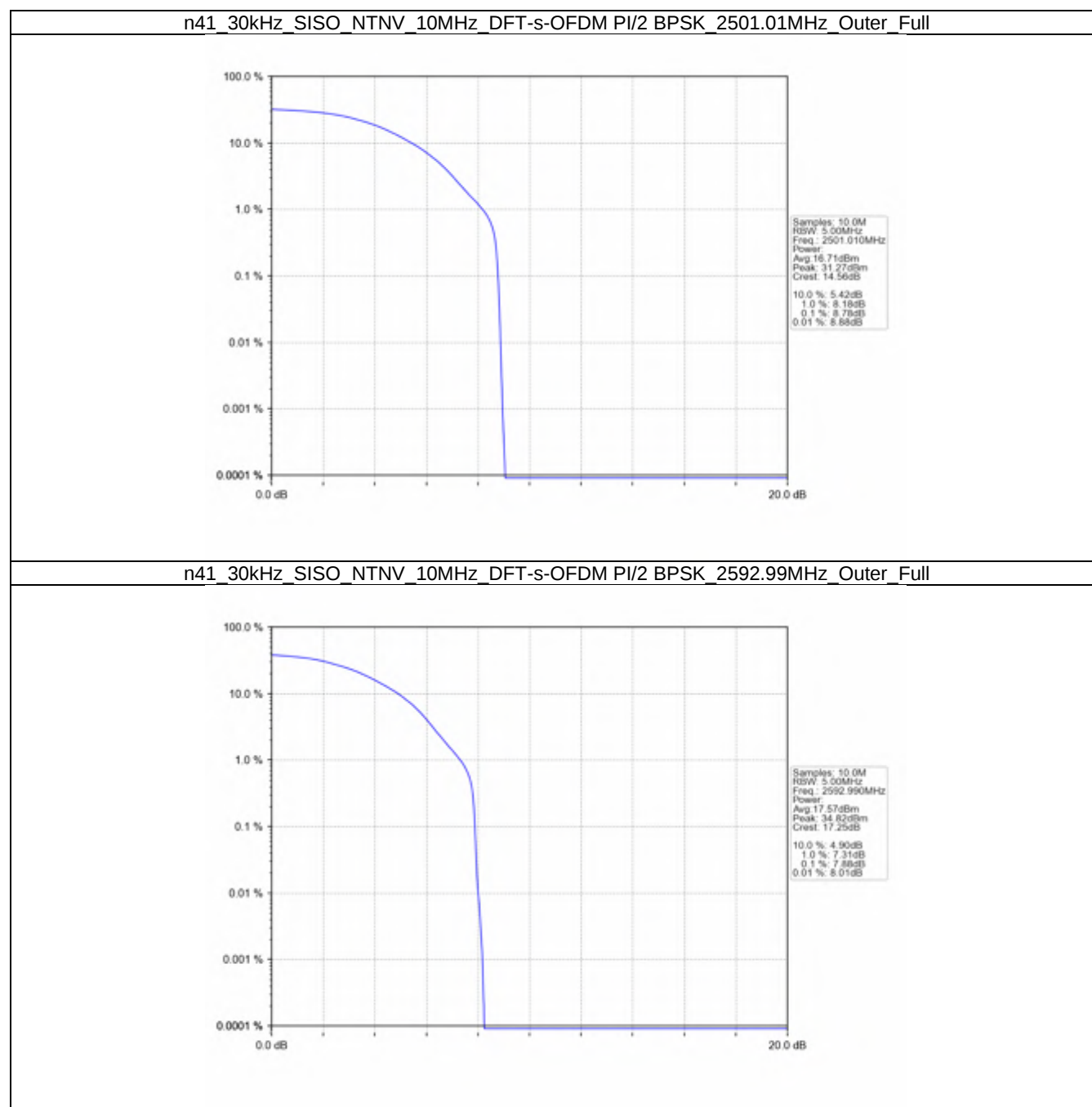
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6.7 30k_SISO_10MHz_NTNV

6.7.1 Test Result

5G NR n41 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2501.01	Outer_Full	8.78	/	/	<=13	Pass
	2592.99	Outer_Full	7.88	/	/	<=13	Pass
	2685	Outer_Full	7.82	/	/	<=13	Pass
DFT-s-OFDM QPSK	2501.01	Outer_Full	9.09	/	/	<=13	Pass
	2592.99	Outer_Full	9.12	/	/	<=13	Pass
	2685	Outer_Full	9.18	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer_Full	8.95	/	/	<=13	Pass
	2592.99	Outer_Full	9.04	/	/	<=13	Pass
	2685	Outer_Full	9.04	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer_Full	8.74	/	/	<=13	Pass
	2592.99	Outer_Full	8.62	/	/	<=13	Pass
	2685	Outer_Full	9.13	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2501.01	Outer_Full	10.24	/	/	<=13	Pass
	2592.99	Outer_Full	10.29	/	/	<=13	Pass
	2685	Outer_Full	10.31	/	/	<=13	Pass
CP-OFDM QPSK	2501.01	Outer_Full	11.56	/	/	<=13	Pass
	2592.99	Outer_Full	11.70	/	/	<=13	Pass
	2685	Outer_Full	11.43	/	/	<=13	Pass
CP-OFDM 16 QAM	2501.01	Outer_Full	11.75	/	/	<=13	Pass
	2592.99	Outer_Full	11.42	/	/	<=13	Pass
	2685	Outer_Full	11.39	/	/	<=13	Pass
CP-OFDM 64 QAM	2501.01	Outer_Full	11.74	/	/	<=13	Pass
	2592.99	Outer_Full	11.91	/	/	<=13	Pass
	2685	Outer_Full	11.91	/	/	<=13	Pass
CP-OFDM 256 QAM	2501.01	Outer_Full	12.03	/	/	<=13	Pass
	2592.99	Outer_Full	12.05	/	/	<=13	Pass
	2685	Outer_Full	11.86	/	/	<=13	Pass

6.7.2 Test Graph

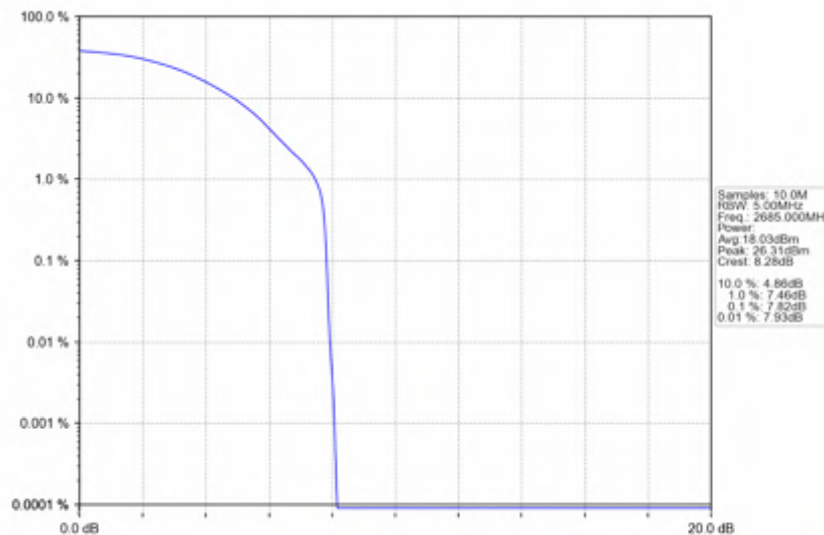


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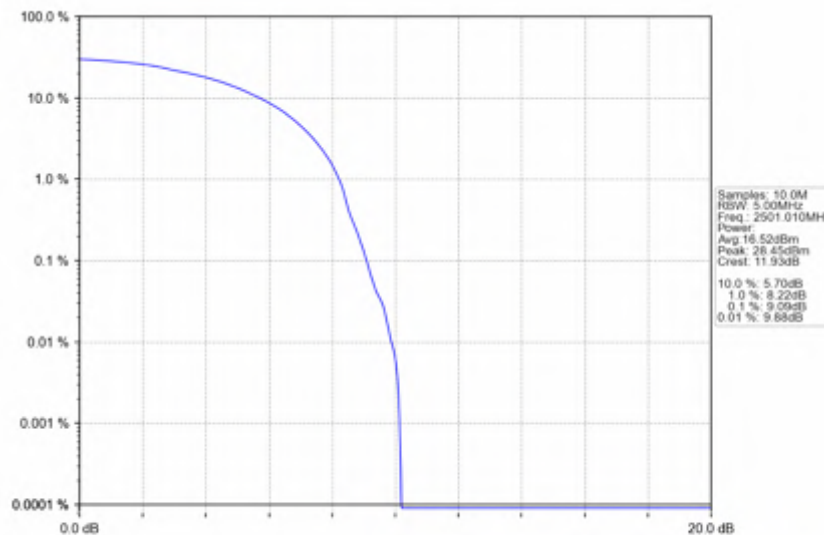
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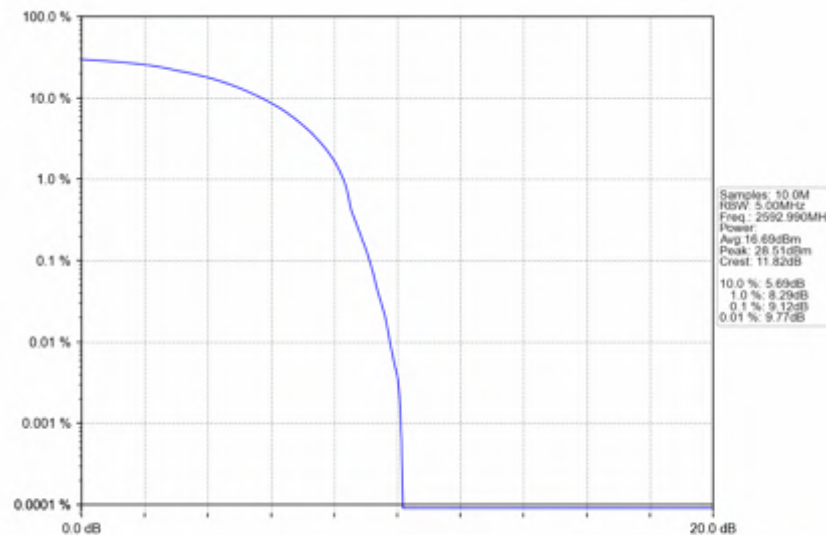
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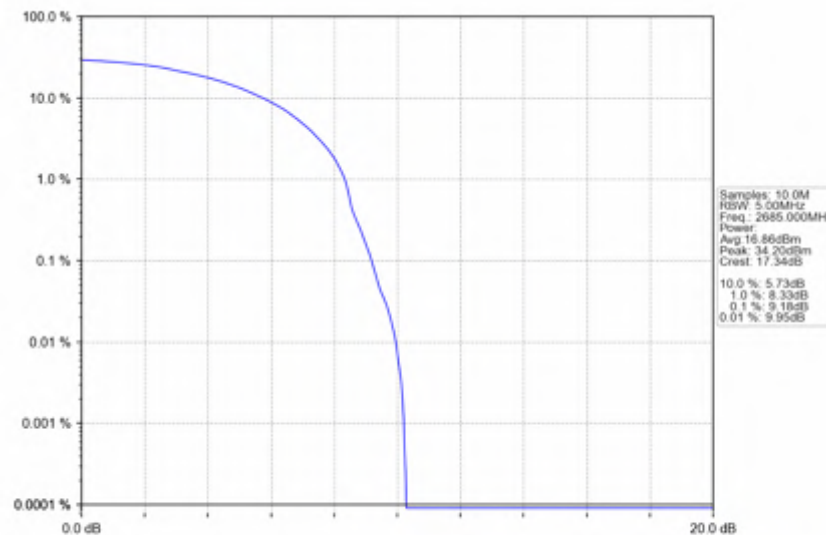
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n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2685MHz_Outer_Full

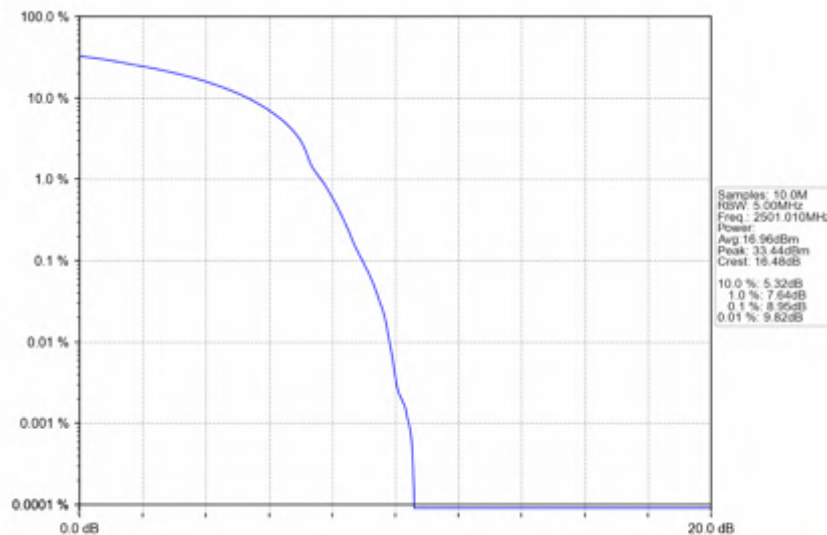


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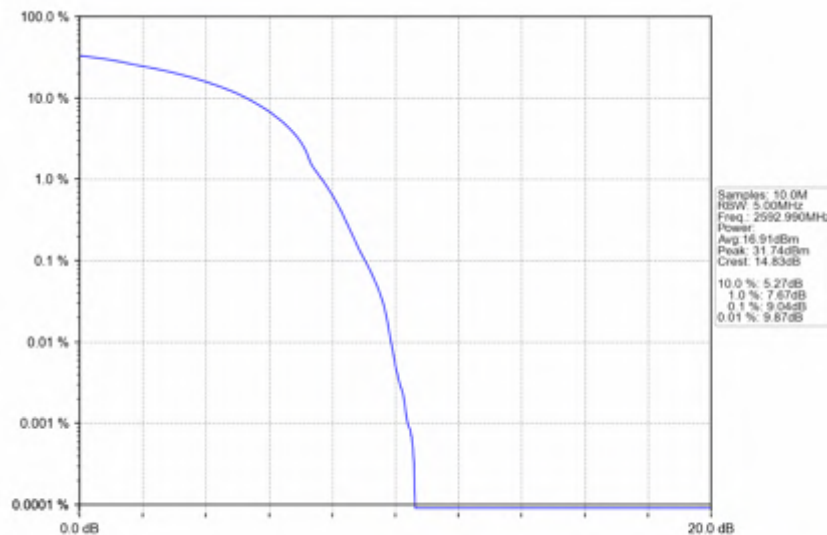
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n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2501.01MHz_Outer_Full



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full



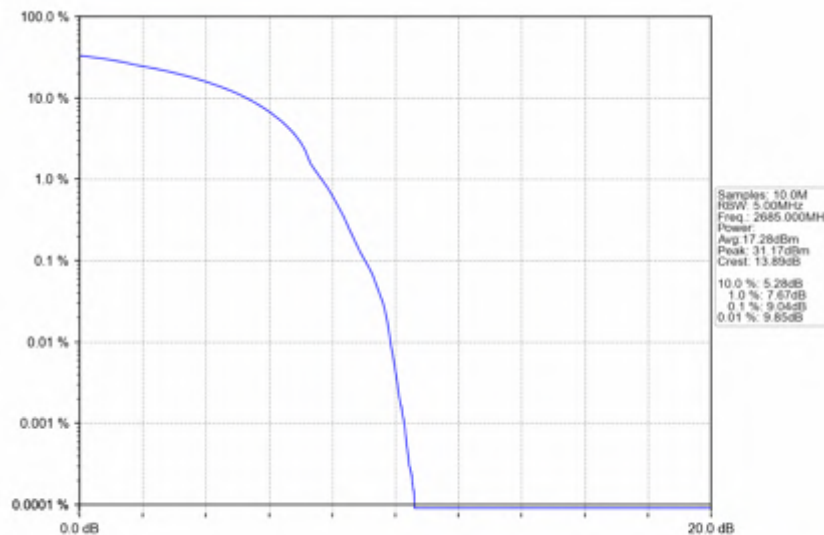
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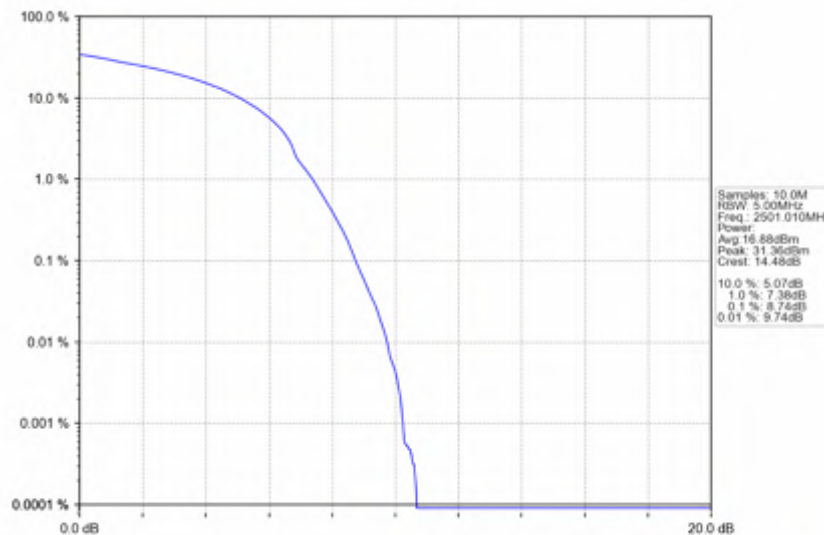
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n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2685MHz_Outer_Full



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2501.01MHz_Outer_Full



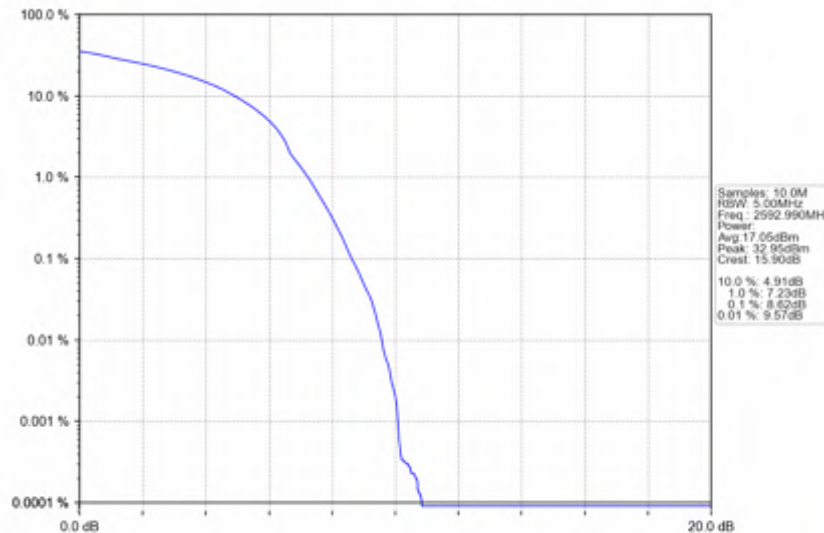
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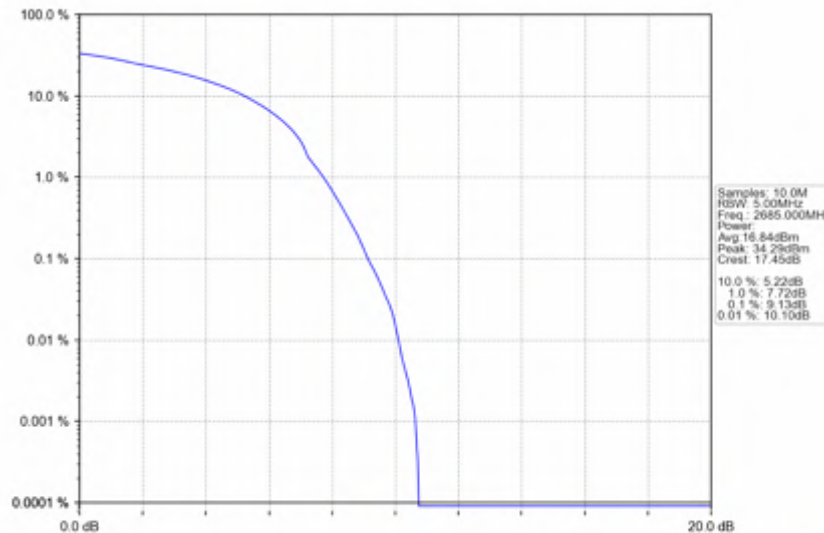
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n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2685MHz_Outer_Full



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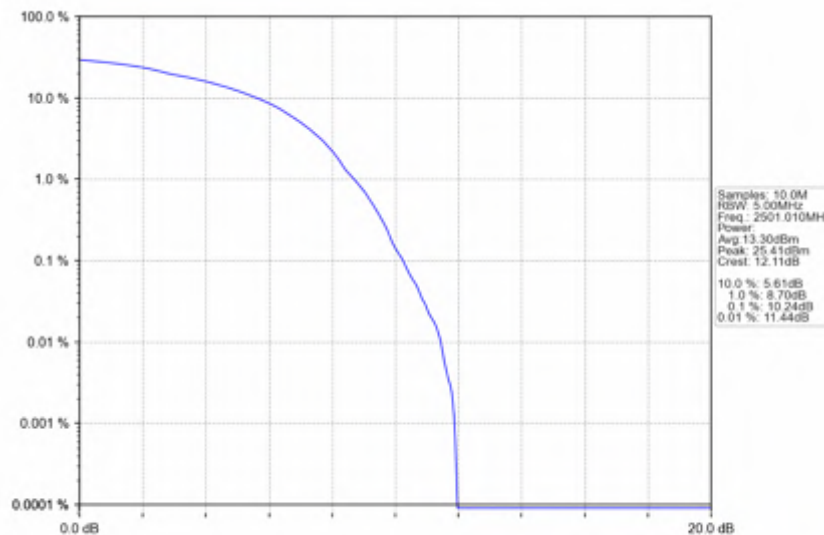
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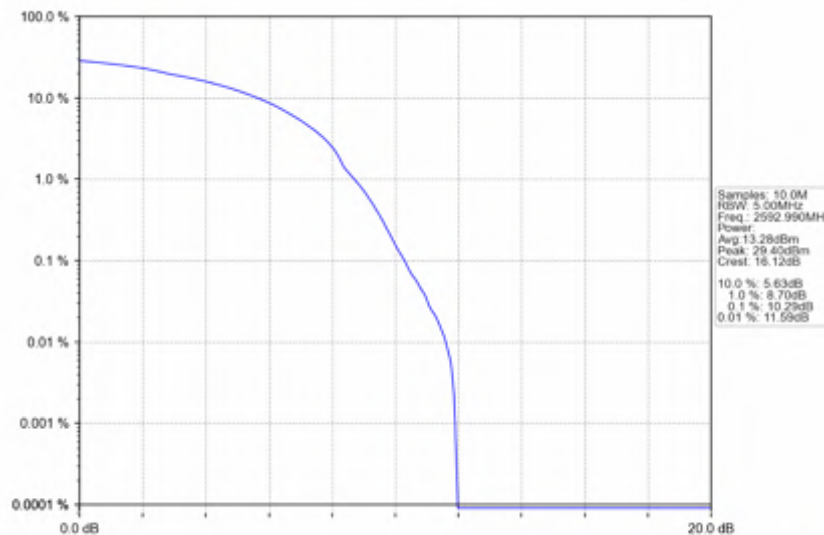
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n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2501.01MHz_Outer_Full



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full



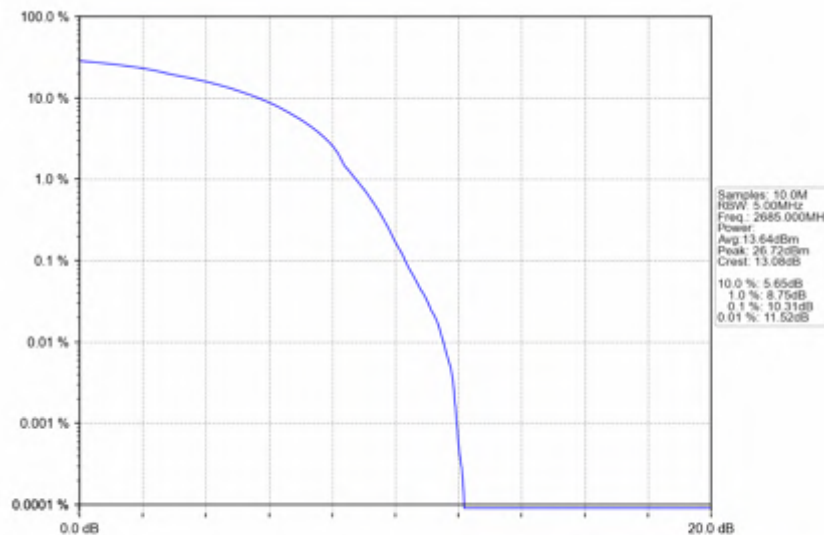
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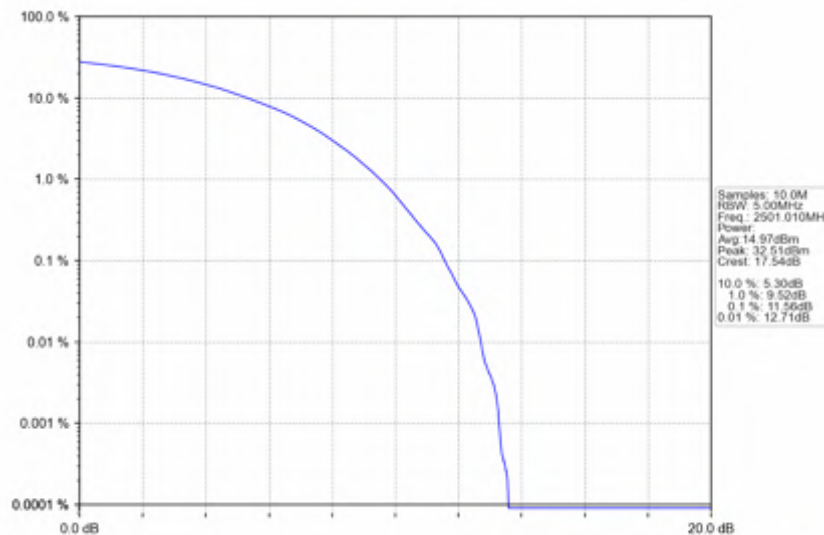
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n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_2685MHz_Outer_Full



n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2501.01MHz_Outer_Full



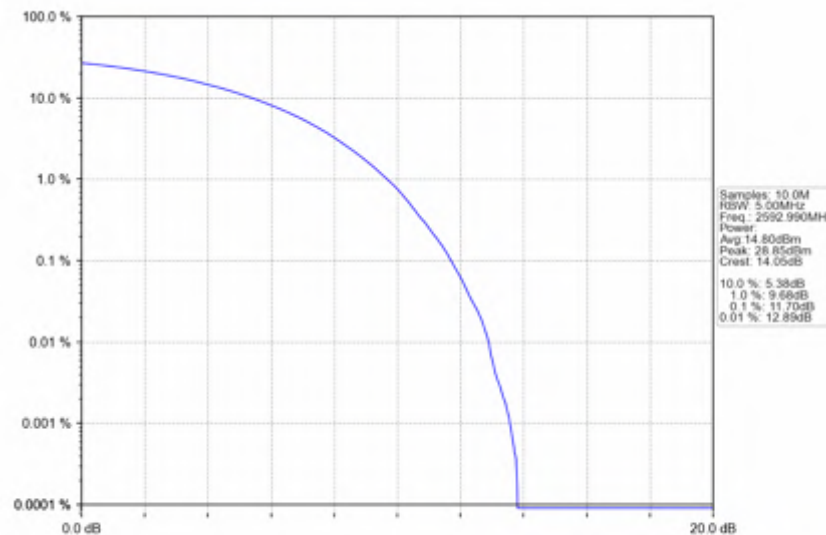
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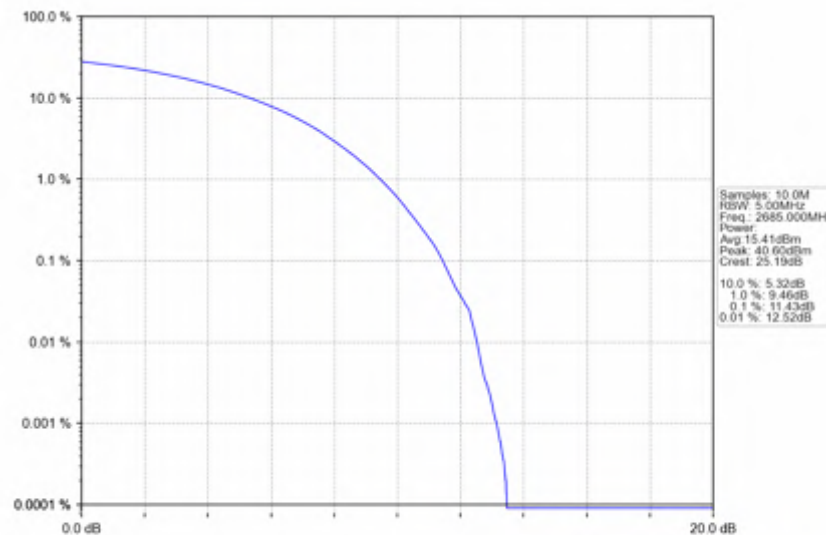
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