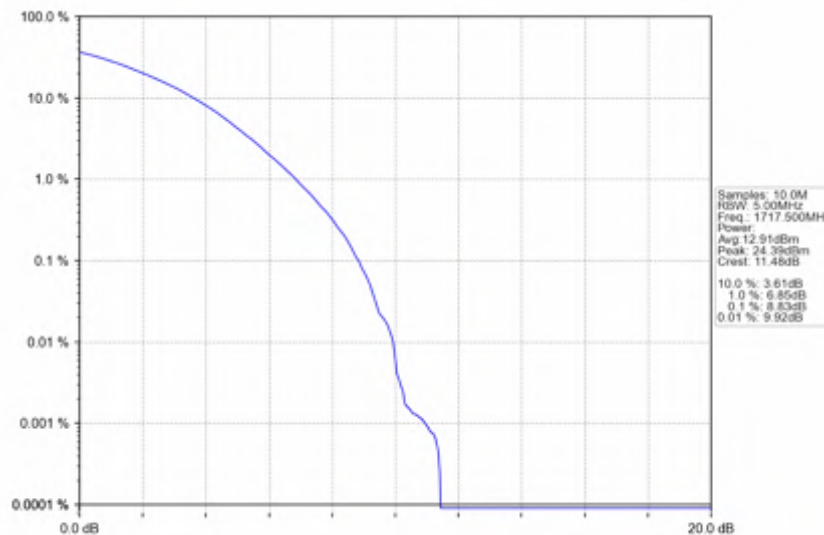
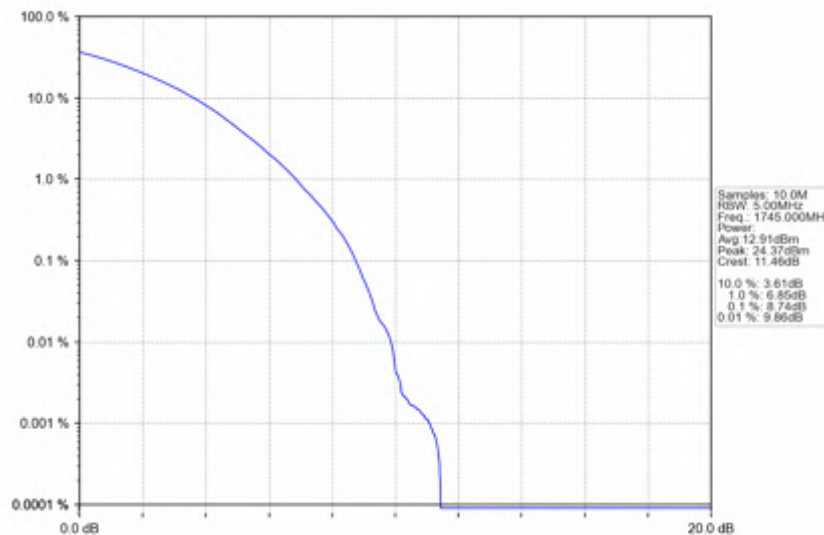


n66_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1717.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full



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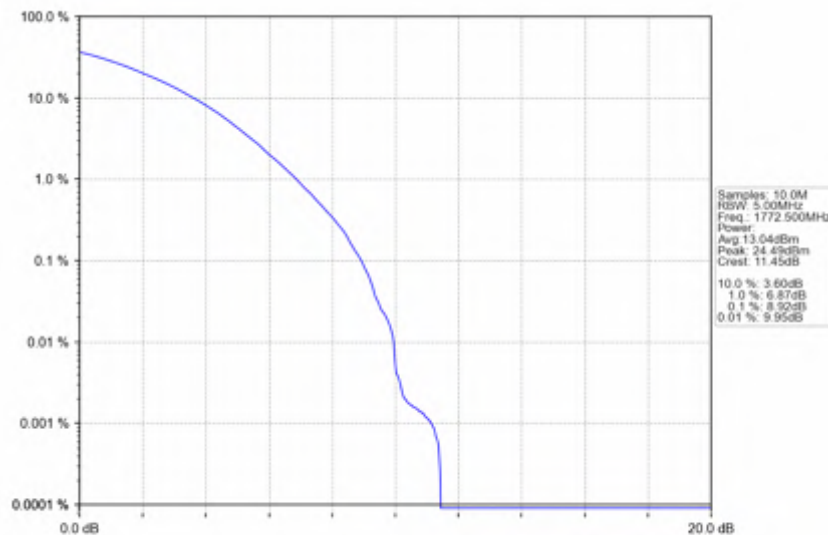
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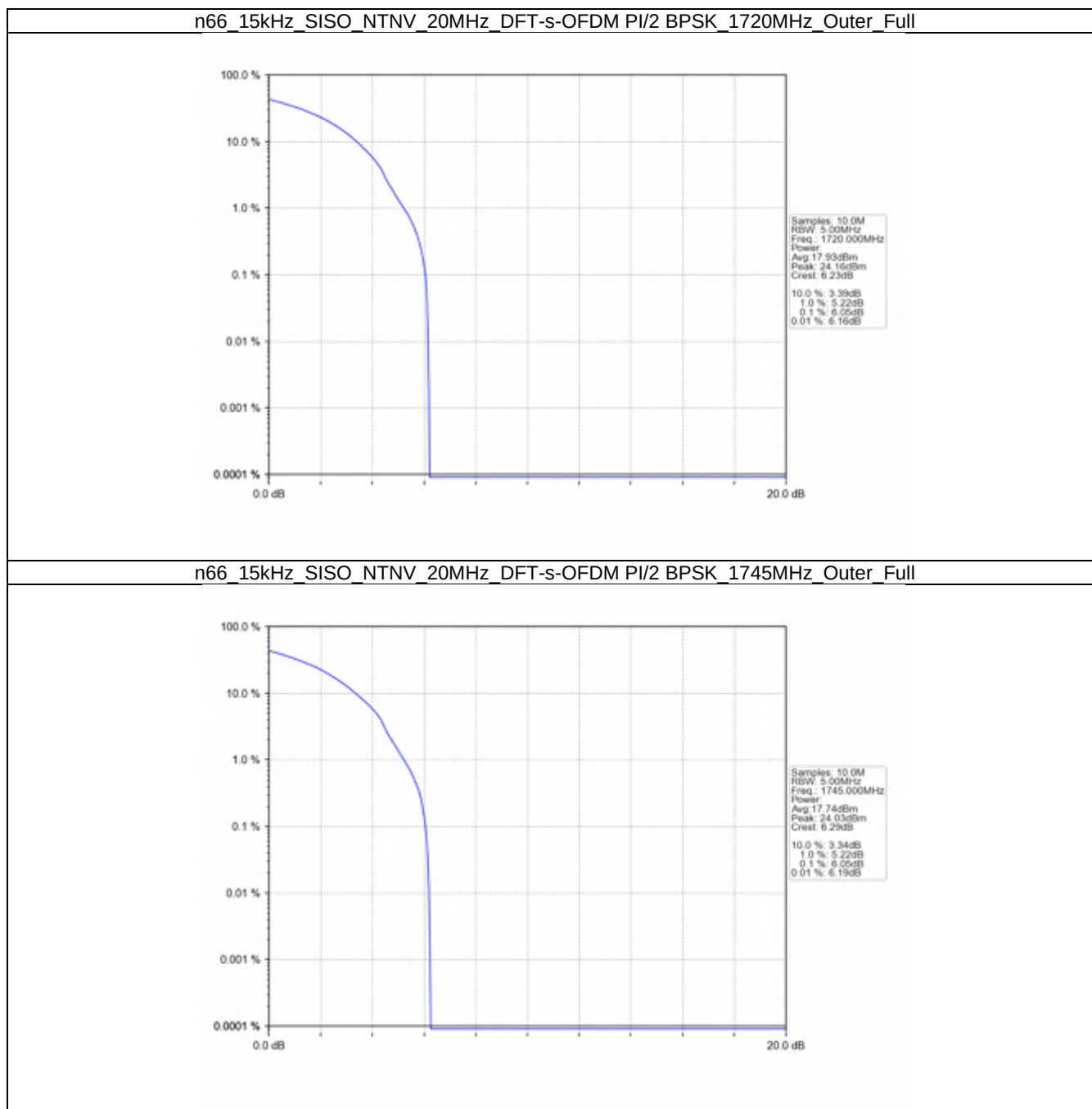
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7.4 15k_SISO_20MHz_NTNV

7.4.1 Test Result

5G NR n66 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	1720	Outer_Full	6.05	/	/	<=13	Pass
	1745	Outer_Full	6.05	/	/	<=13	Pass
	1770	Outer_Full	6.07	/	/	<=13	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	6.70	/	/	<=13	Pass
	1745	Outer_Full	6.65	/	/	<=13	Pass
	1770	Outer_Full	6.84	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	7.33	/	/	<=13	Pass
	1745	Outer_Full	7.26	/	/	<=13	Pass
	1770	Outer_Full	7.44	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	7.39	/	/	<=13	Pass
	1745	Outer_Full	7.46	/	/	<=13	Pass
	1770	Outer_Full	7.33	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	7.68	/	/	<=13	Pass
	1745	Outer_Full	7.67	/	/	<=13	Pass
	1770	Outer_Full	7.69	/	/	<=13	Pass
CP-OFDM QPSK	1720	Outer_Full	8.48	/	/	<=13	Pass
	1745	Outer_Full	8.38	/	/	<=13	Pass
	1770	Outer_Full	8.47	/	/	<=13	Pass
CP-OFDM 16 QAM	1720	Outer_Full	8.53	/	/	<=13	Pass
	1745	Outer_Full	8.29	/	/	<=13	Pass
	1770	Outer_Full	8.55	/	/	<=13	Pass
CP-OFDM 64 QAM	1720	Outer_Full	8.27	/	/	<=13	Pass
	1745	Outer_Full	8.29	/	/	<=13	Pass
	1770	Outer_Full	8.37	/	/	<=13	Pass
CP-OFDM 256 QAM	1720	Outer_Full	8.37	/	/	<=13	Pass
	1745	Outer_Full	8.35	/	/	<=13	Pass
	1770	Outer_Full	8.40	/	/	<=13	Pass

7.4.2 Test Graph



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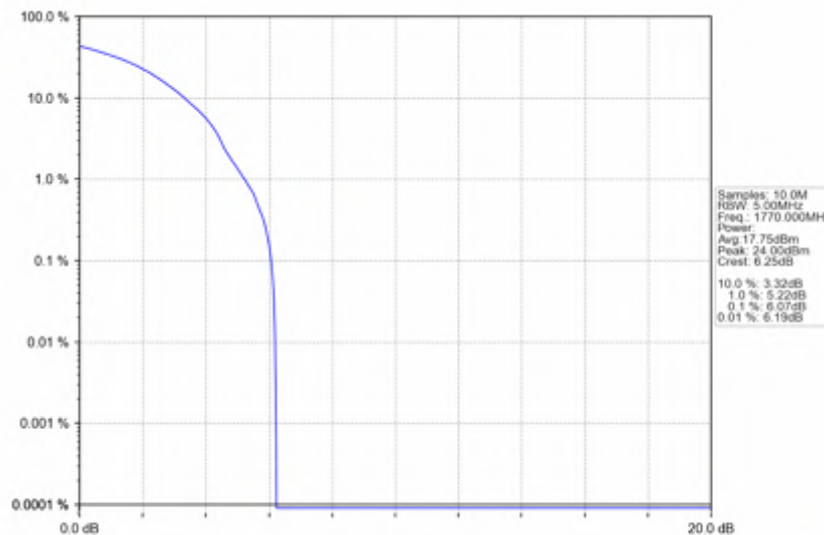
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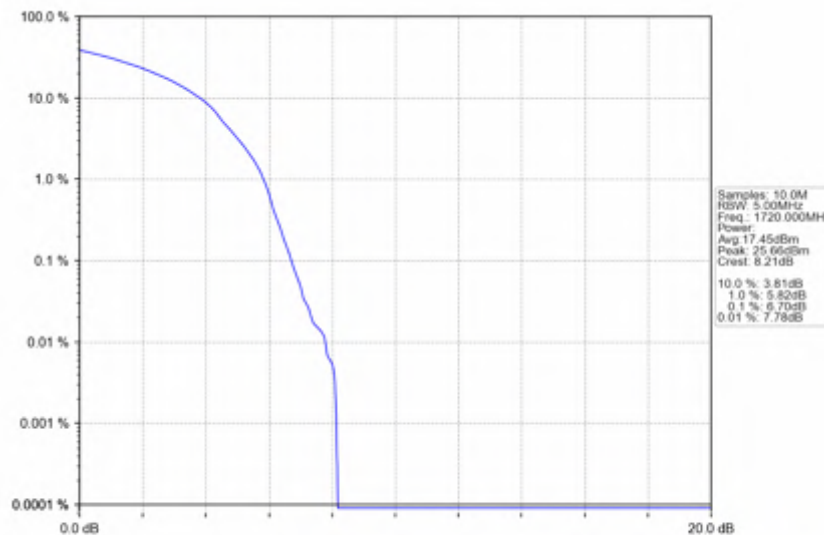
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n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1770MHz_Outer_Full



n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1720MHz_Outer_Full



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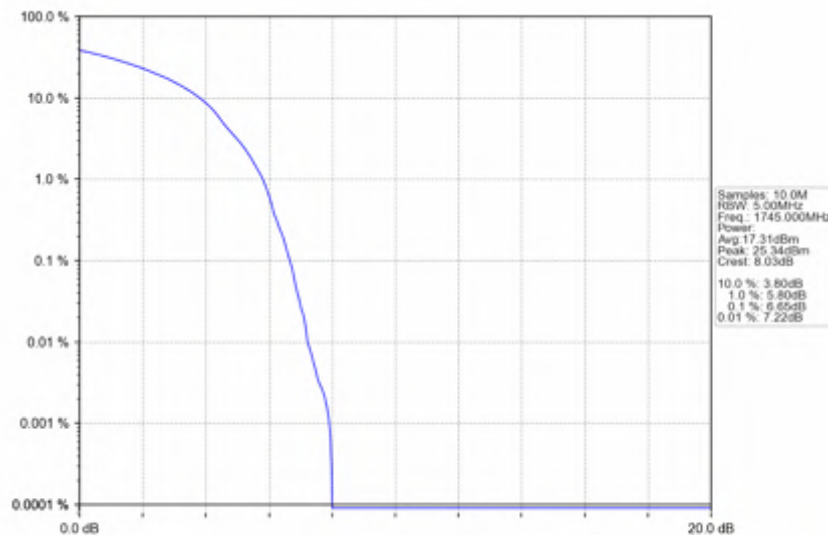
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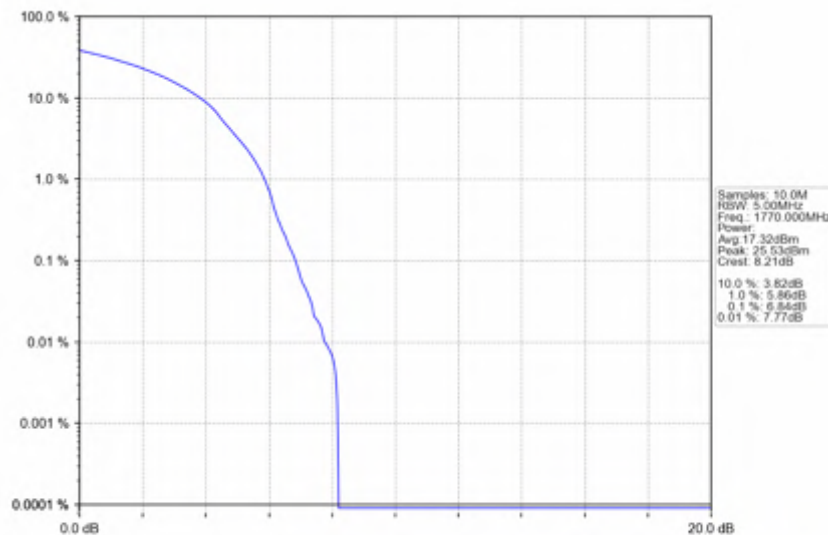
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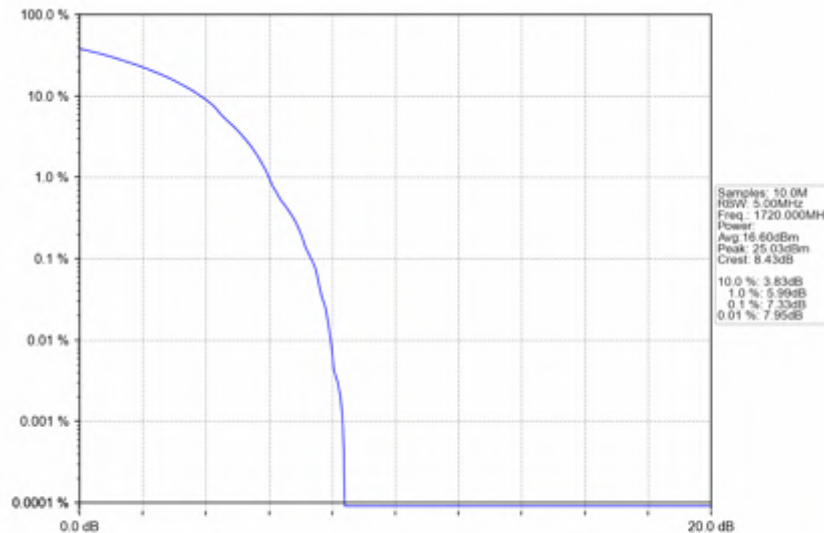
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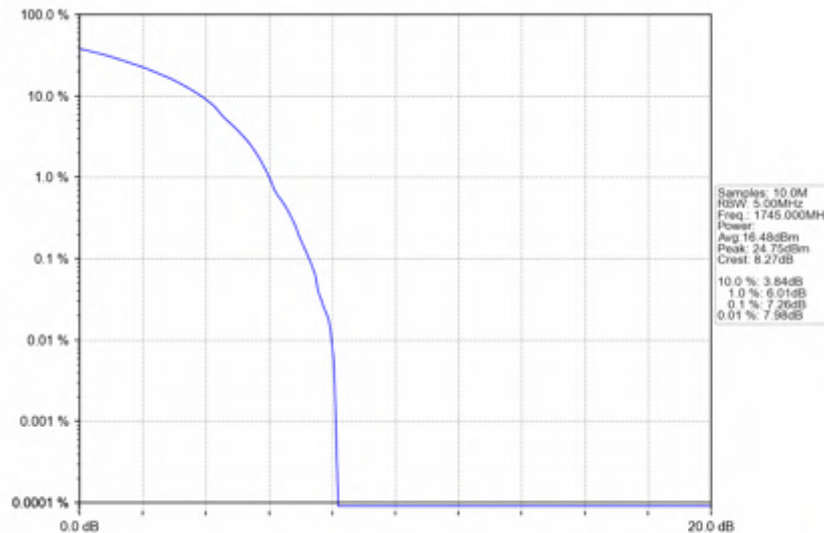
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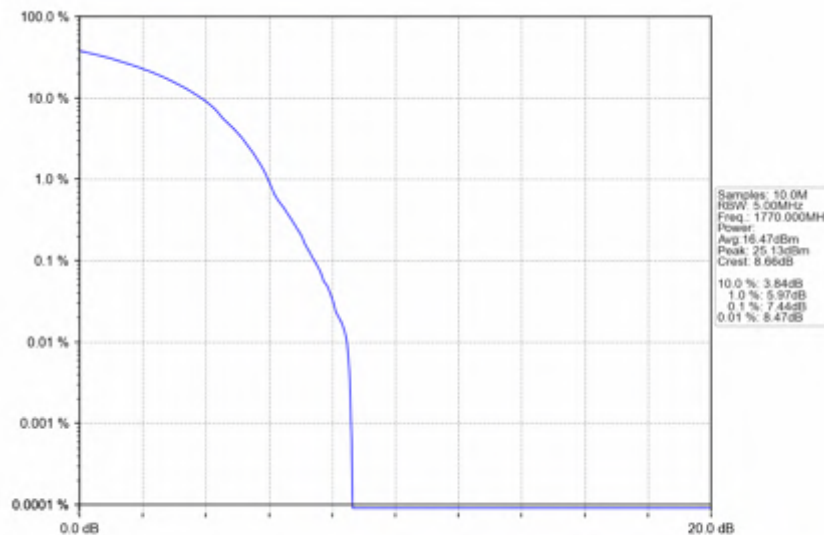


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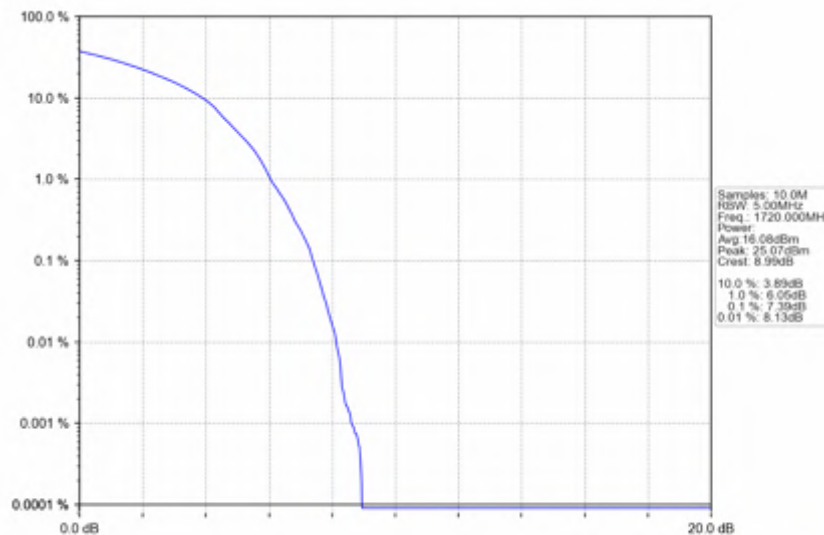
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n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1720MHz_Outer_Full

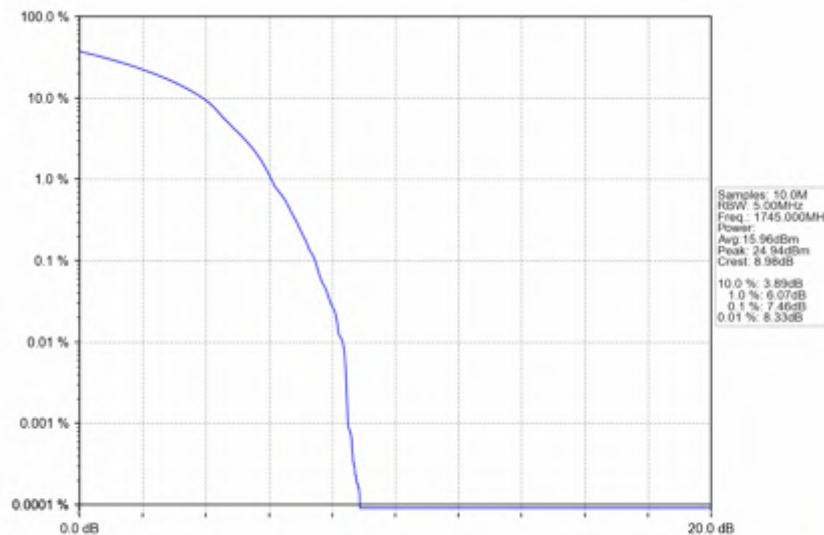


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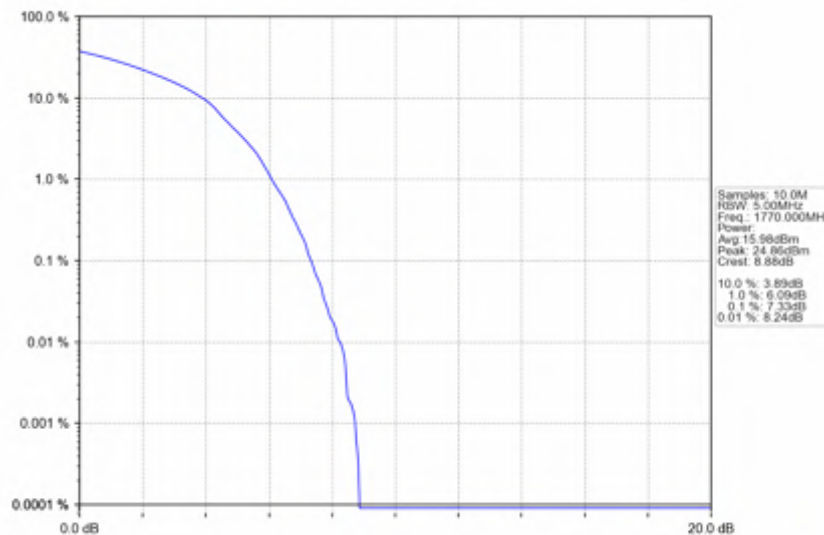
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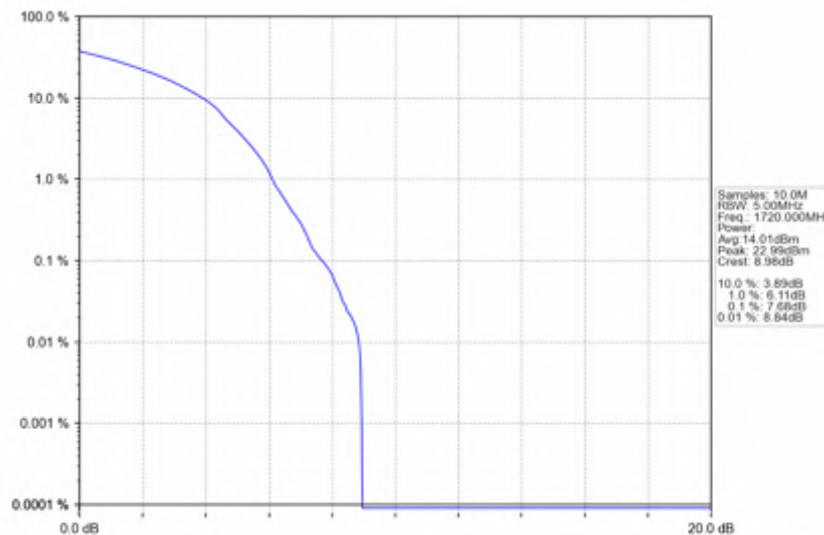


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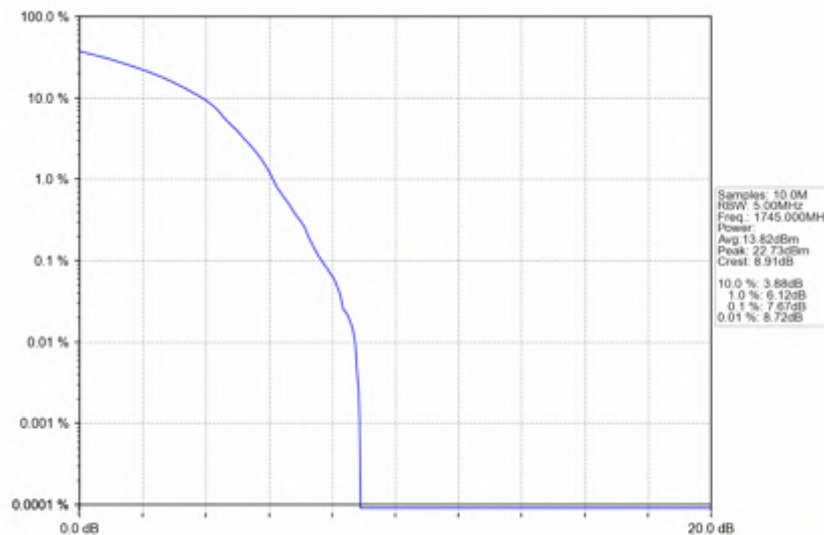
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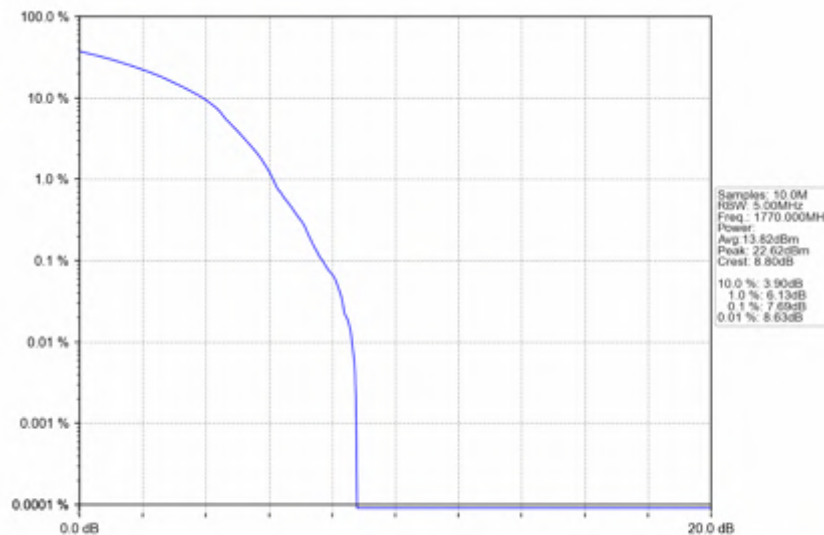


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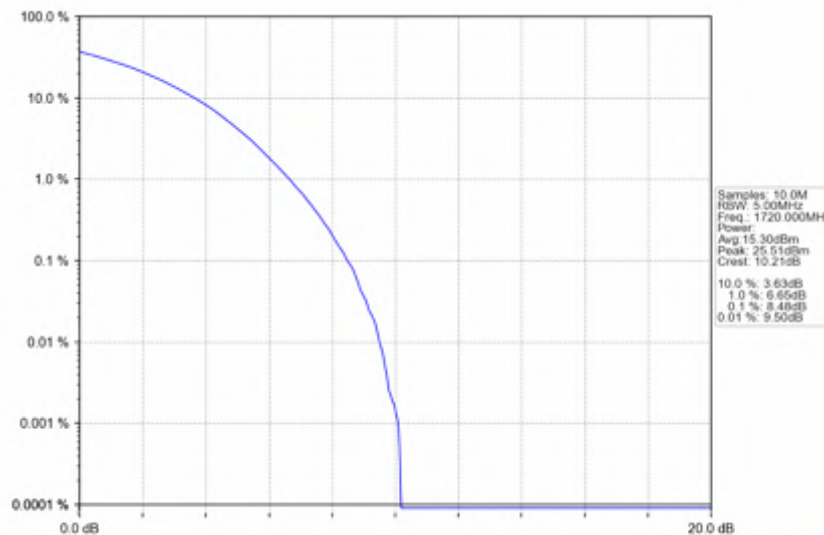
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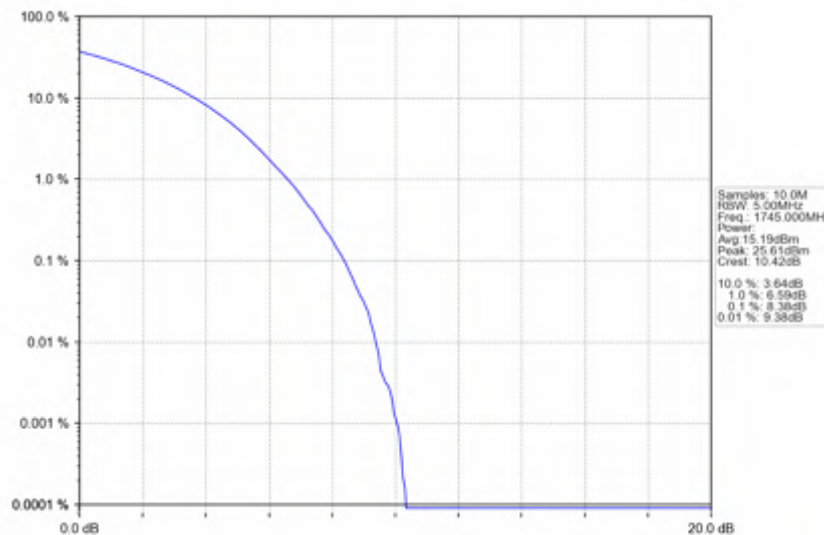


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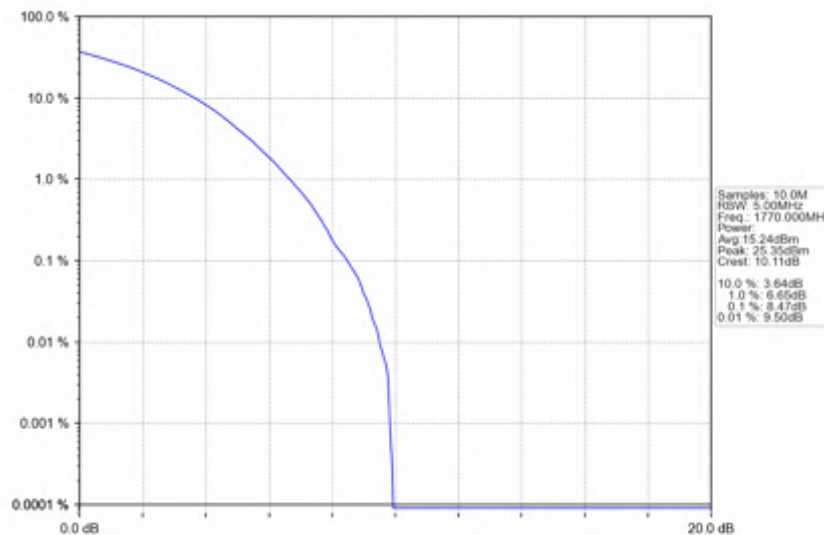
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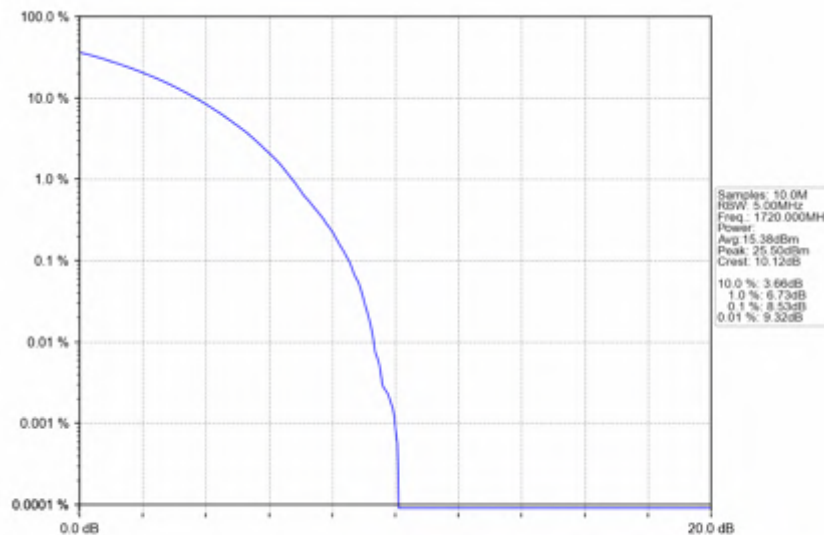


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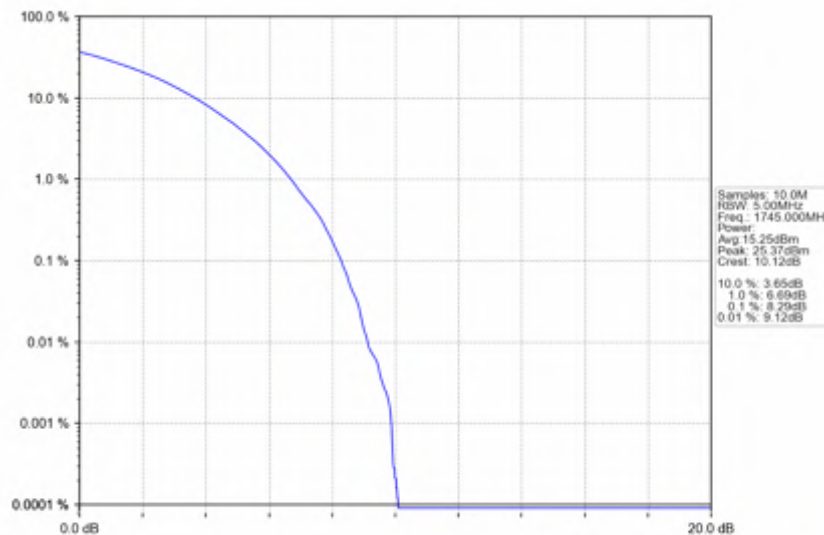
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n66_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_1745MHz_Outer_Full

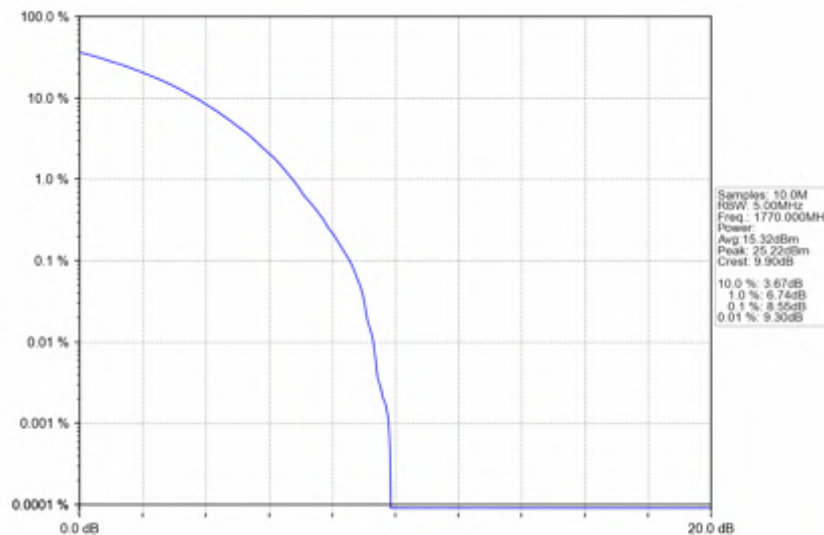


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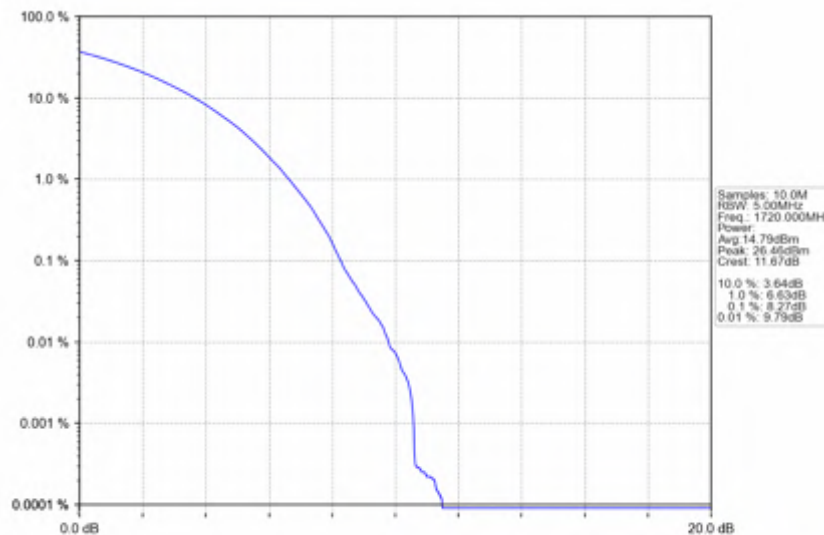
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n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1770MHz_Outer_Full



n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1720MHz_Outer_Full

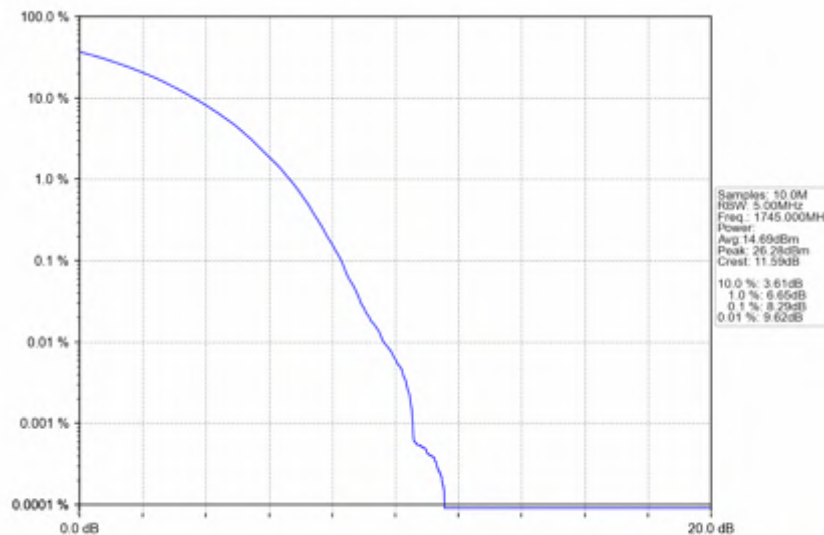


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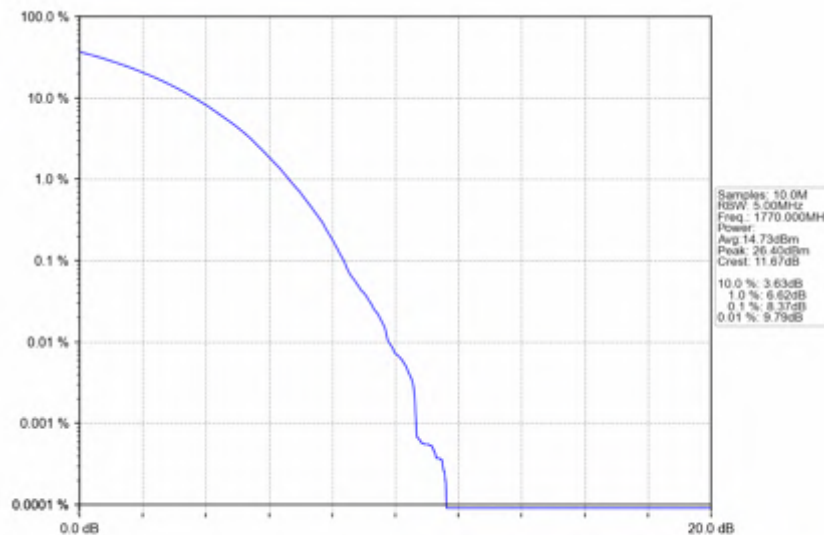
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n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



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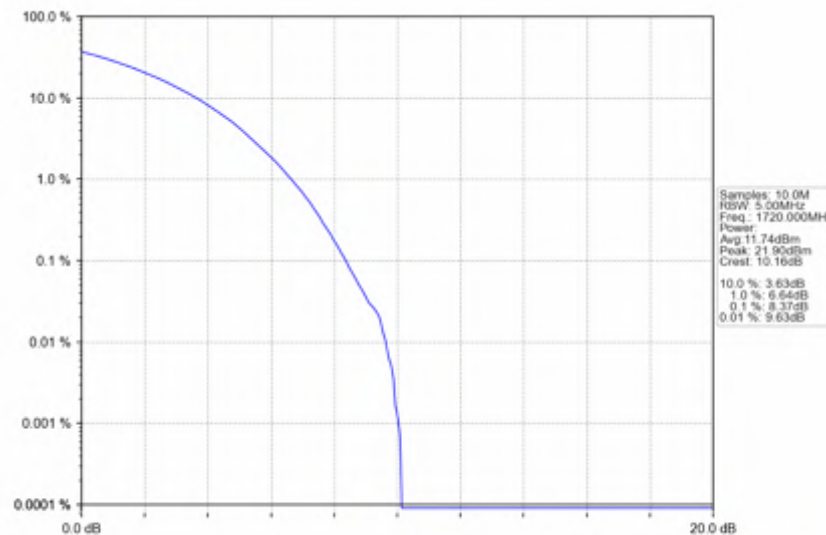
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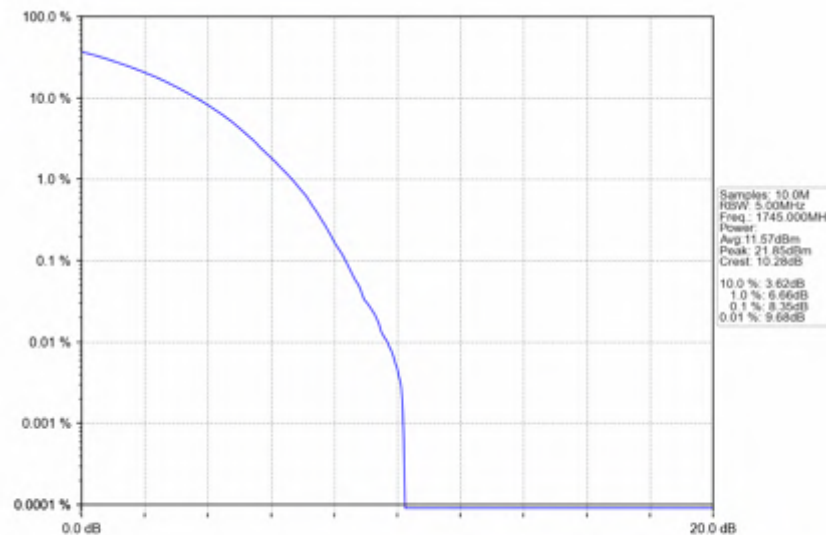
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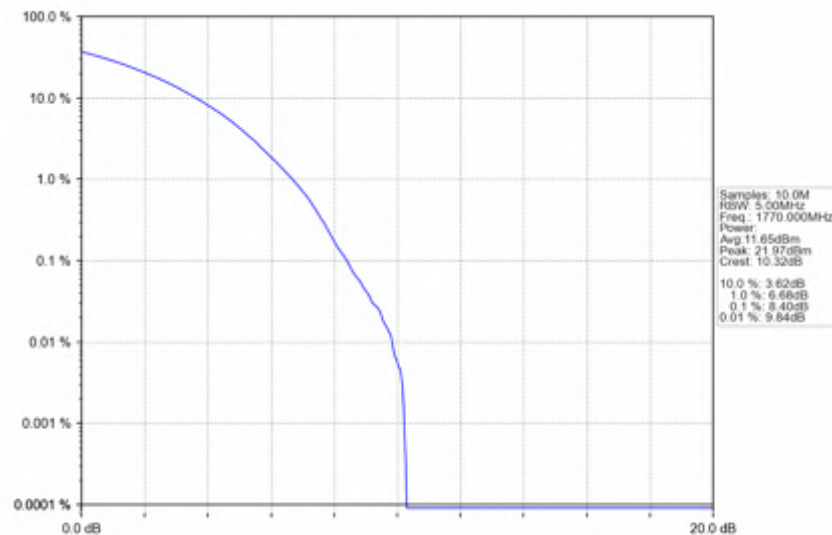


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7.5 15k_SISO_25MHz_NTNV

7.5.1 Test Result

5G NR n66 SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1722.5	Outer_Full	5.75	/	/	<=13	Pass
	1745	Outer_Full	5.95	/	/	<=13	Pass
	1767.5	Outer_Full	5.92	/	/	<=13	Pass
DFT-s-OFDM QPSK	1722.5	Outer_Full	6.91	/	/	<=13	Pass
	1745	Outer_Full	6.93	/	/	<=13	Pass
	1767.5	Outer_Full	6.84	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	7.40	/	/	<=13	Pass
	1745	Outer_Full	7.36	/	/	<=13	Pass
	1767.5	Outer_Full	7.37	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	7.56	/	/	<=13	Pass
	1745	Outer_Full	7.55	/	/	<=13	Pass
	1767.5	Outer_Full	7.53	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer_Full	7.59	/	/	<=13	Pass
	1745	Outer_Full	7.64	/	/	<=13	Pass
	1767.5	Outer_Full	7.61	/	/	<=13	Pass
CP-OFDM QPSK	1722.5	Outer_Full	8.20	/	/	<=13	Pass
	1745	Outer_Full	8.17	/	/	<=13	Pass
	1767.5	Outer_Full	8.15	/	/	<=13	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	8.01	/	/	<=13	Pass
	1745	Outer_Full	7.99	/	/	<=13	Pass
	1767.5	Outer_Full	8.15	/	/	<=13	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	8.20	/	/	<=13	Pass
	1745	Outer_Full	8.23	/	/	<=13	Pass
	1767.5	Outer_Full	8.25	/	/	<=13	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	8.44	/	/	<=13	Pass
	1745	Outer_Full	8.48	/	/	<=13	Pass
	1767.5	Outer_Full	8.47	/	/	<=13	Pass



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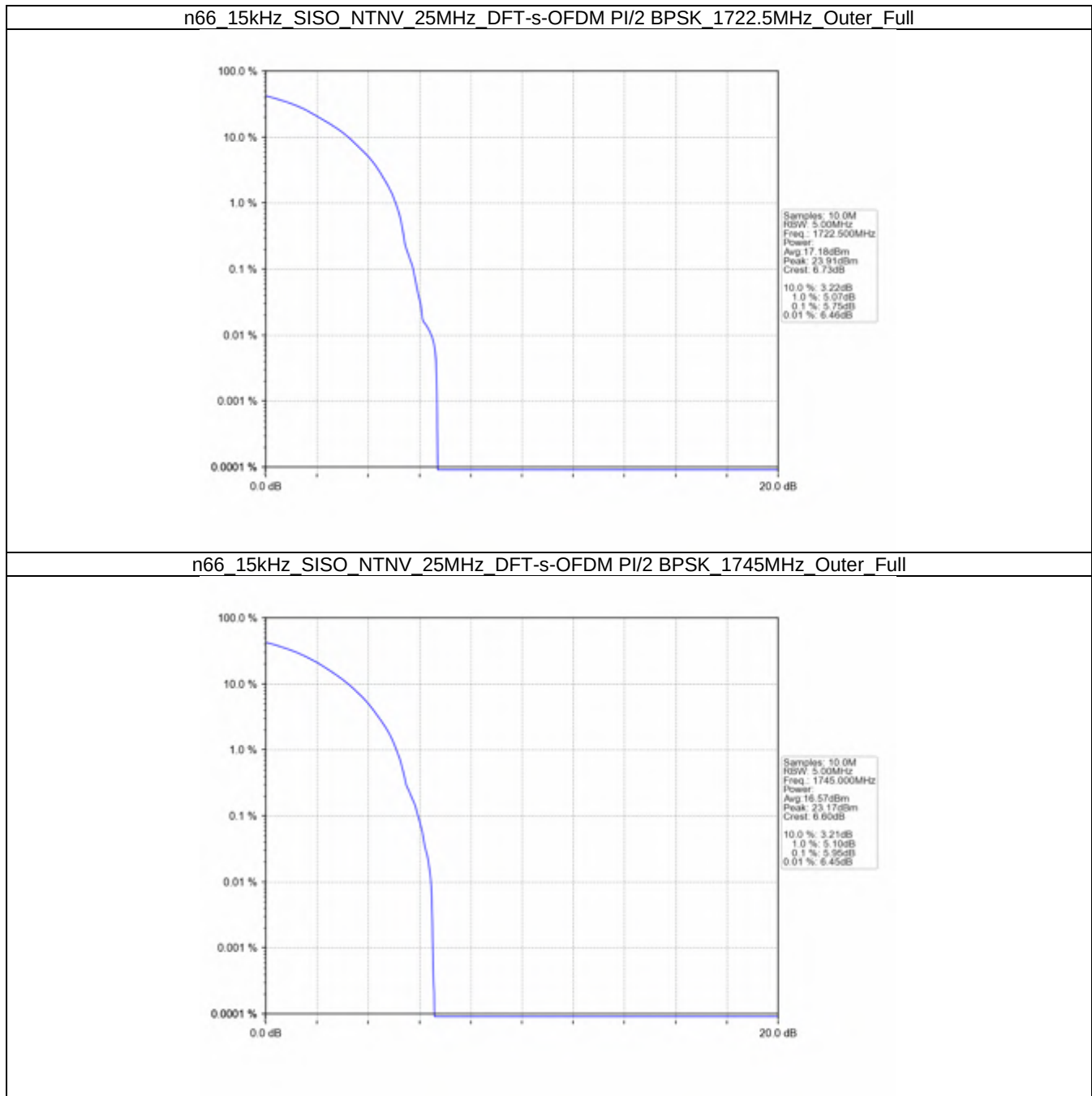
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7.5.2 Test Graph



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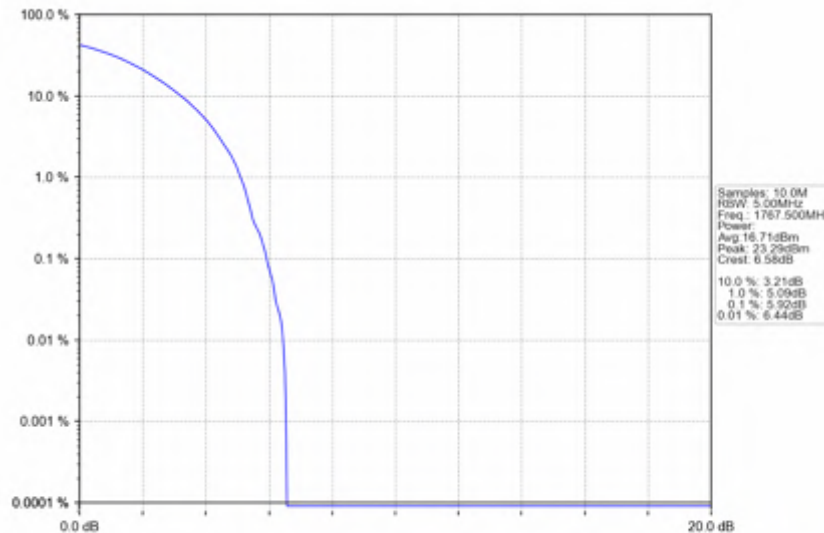
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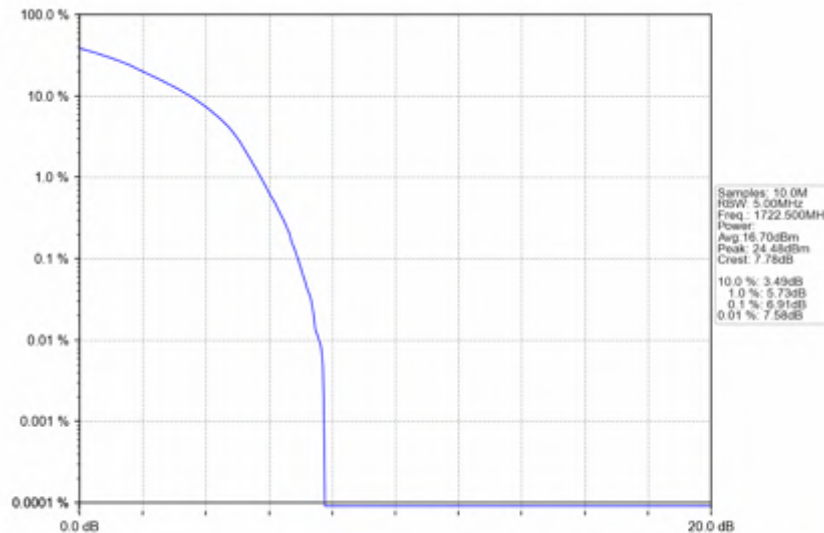
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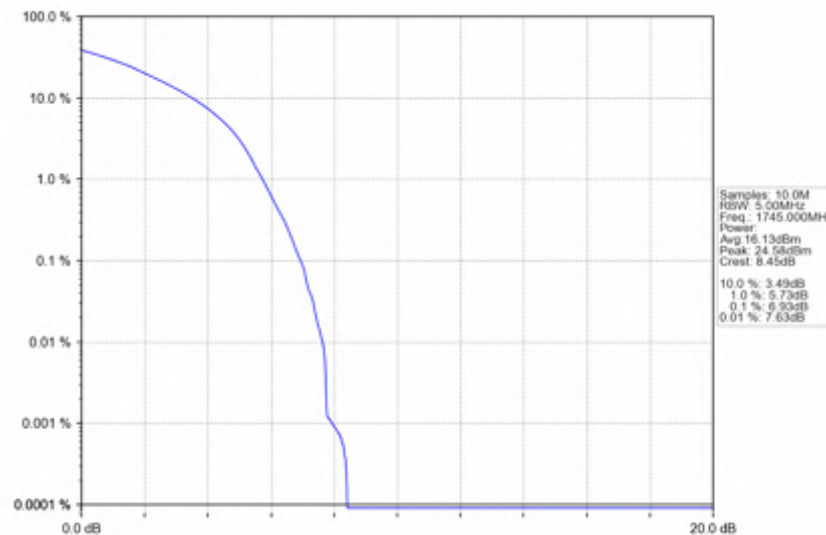


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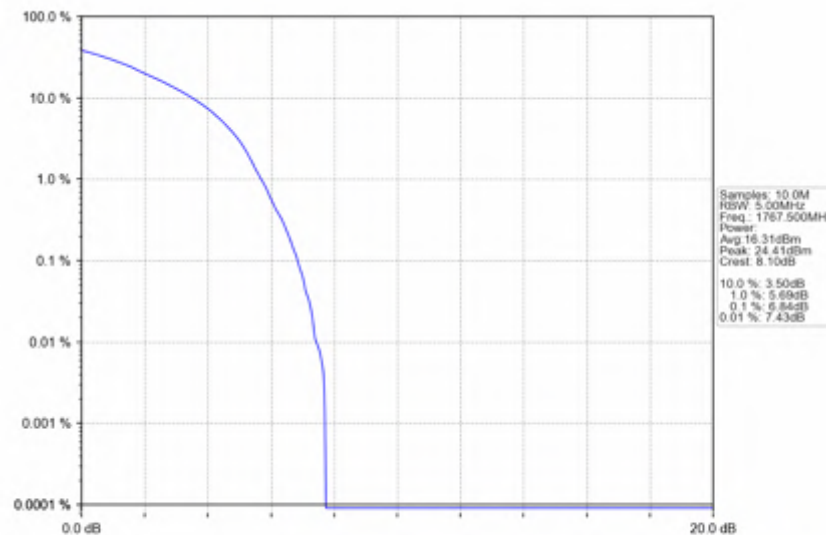
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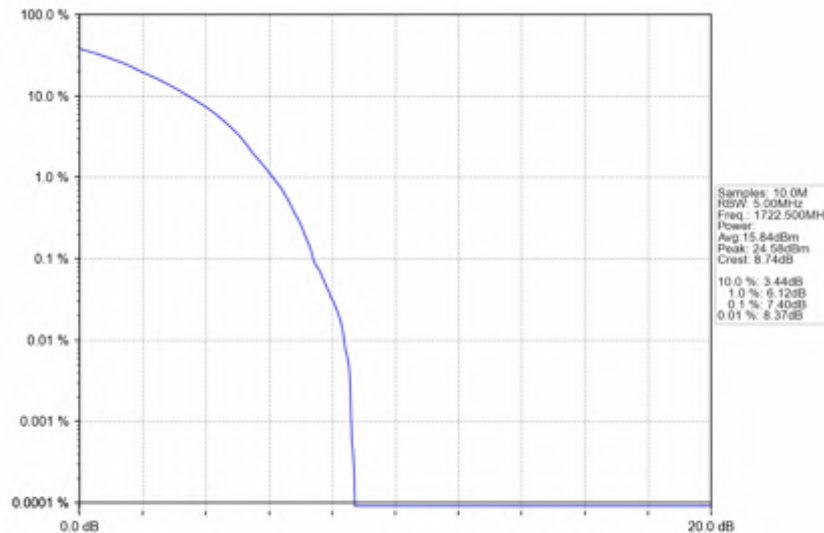
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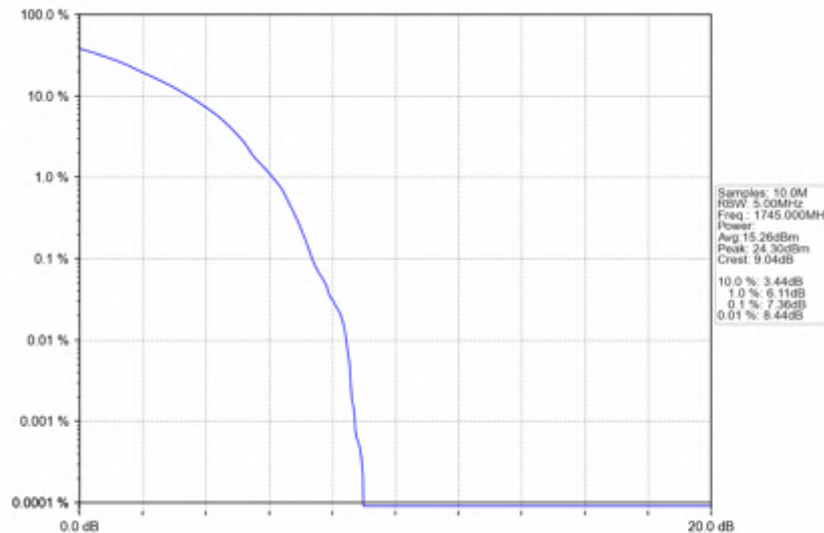
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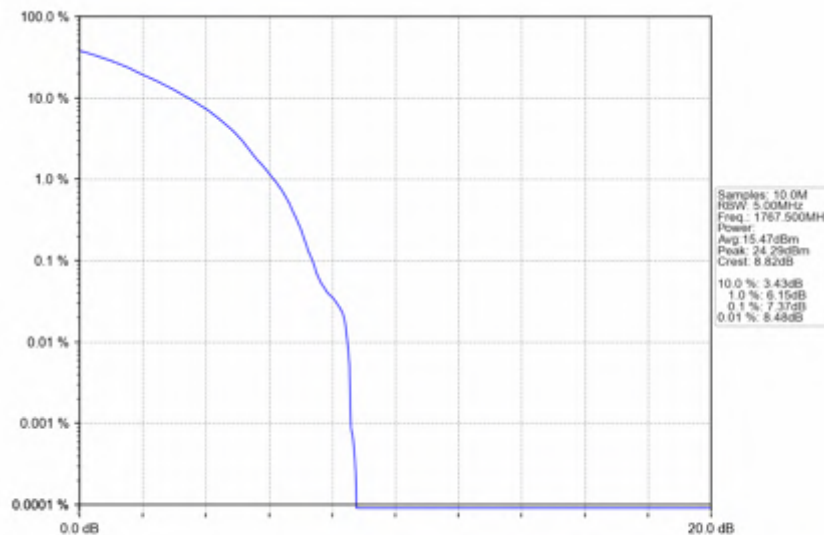


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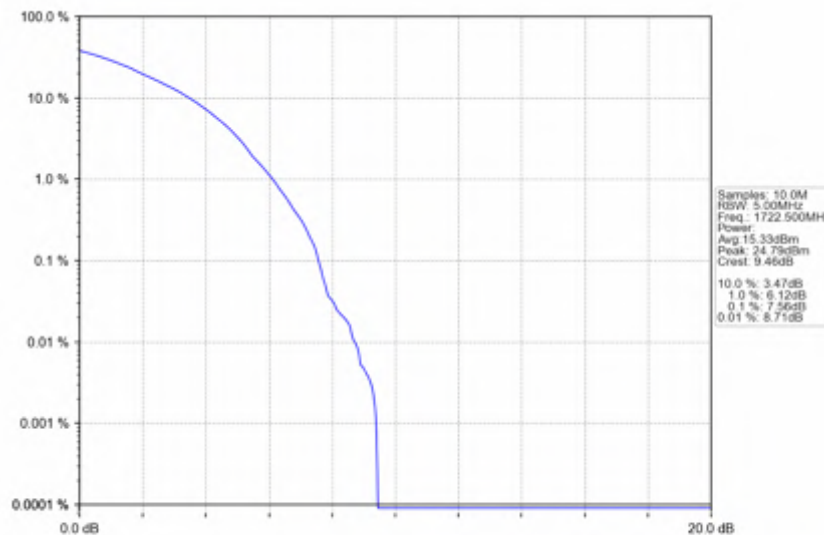
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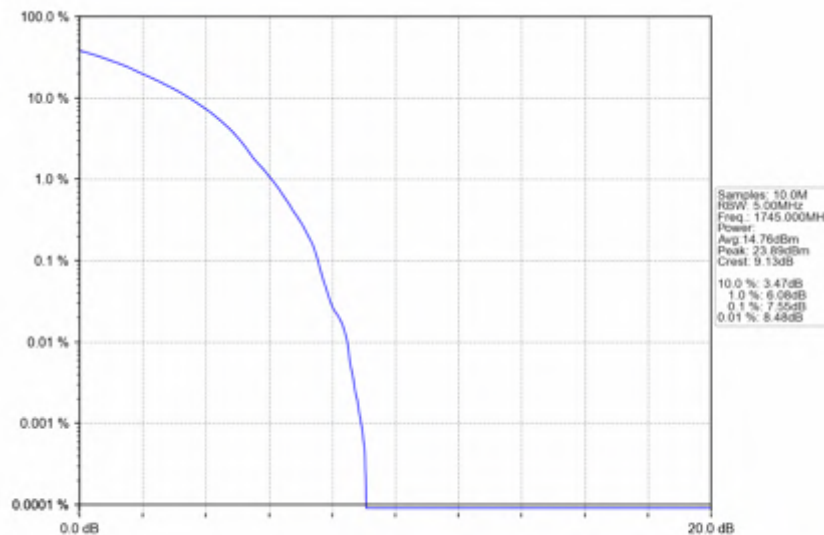
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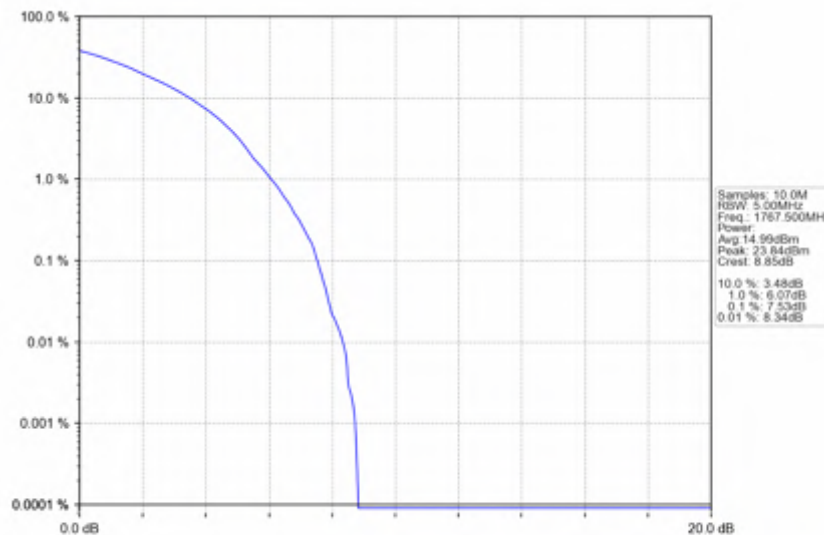
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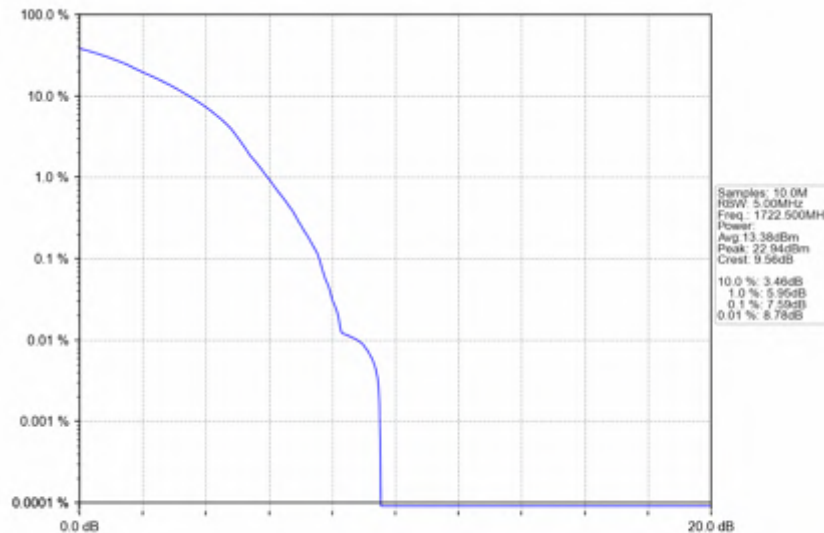


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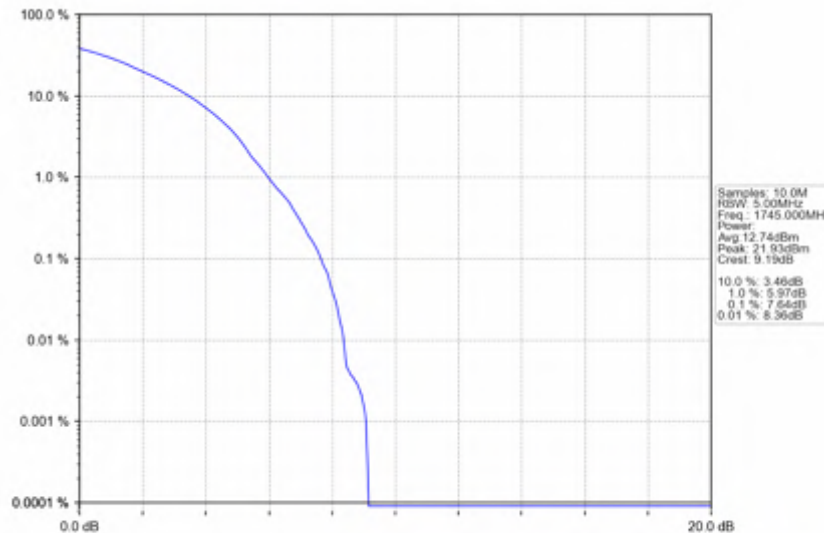
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n66_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_1722.5MHz_Outer_Full



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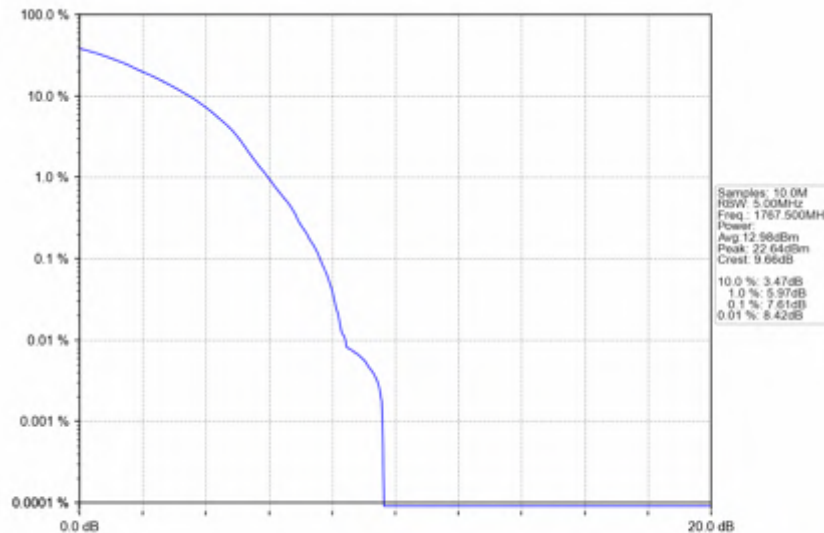


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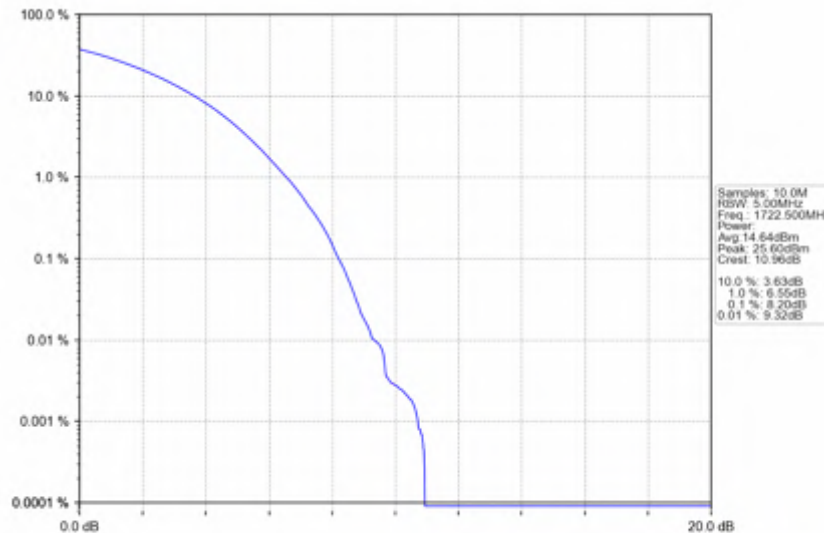
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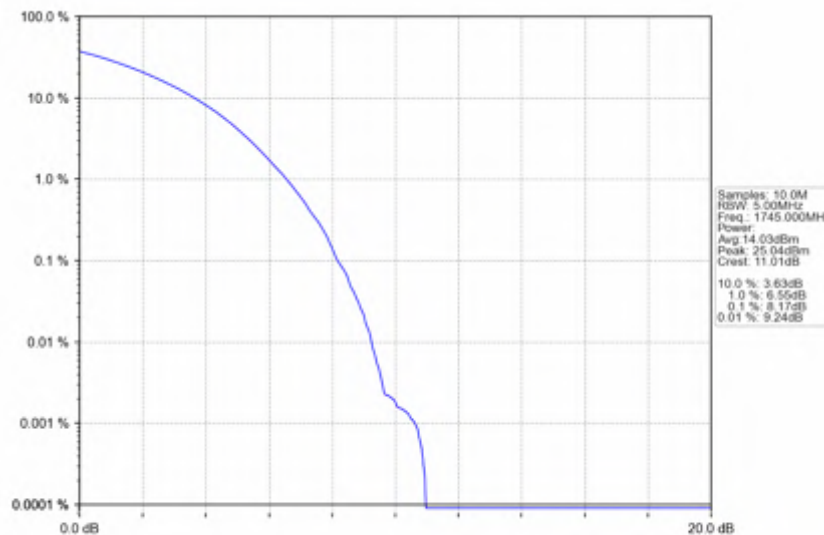


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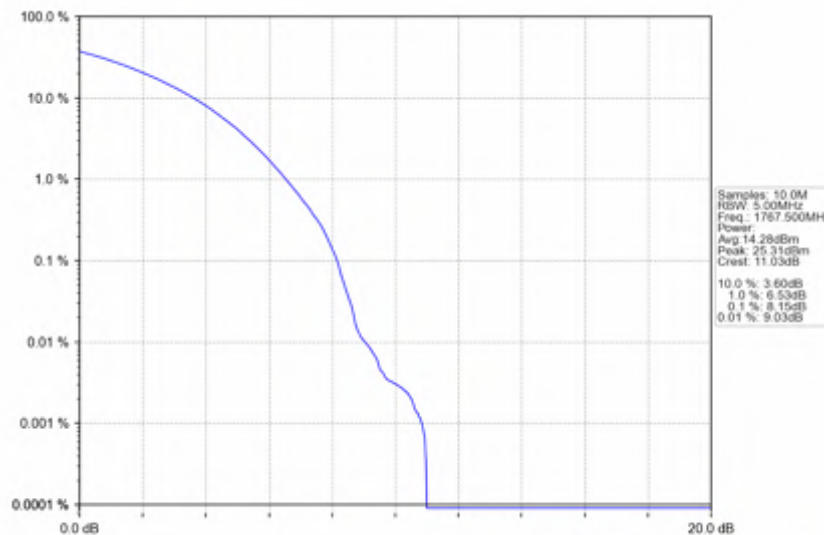
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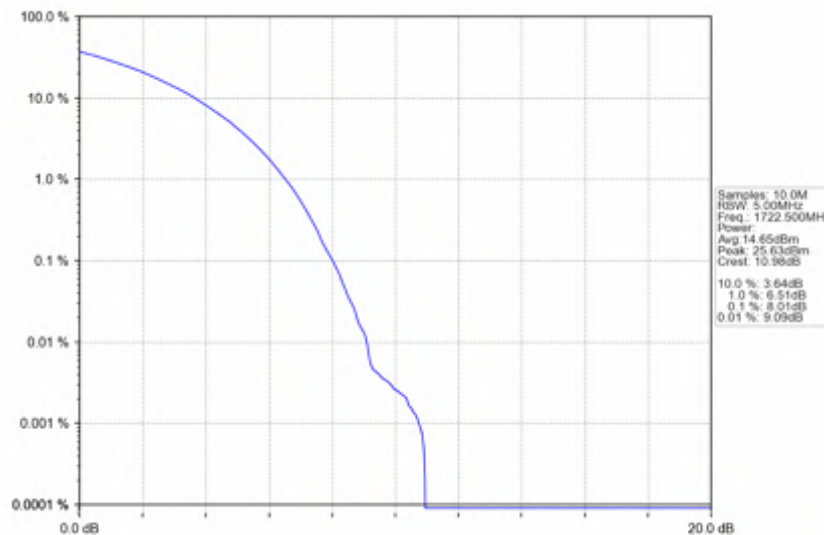


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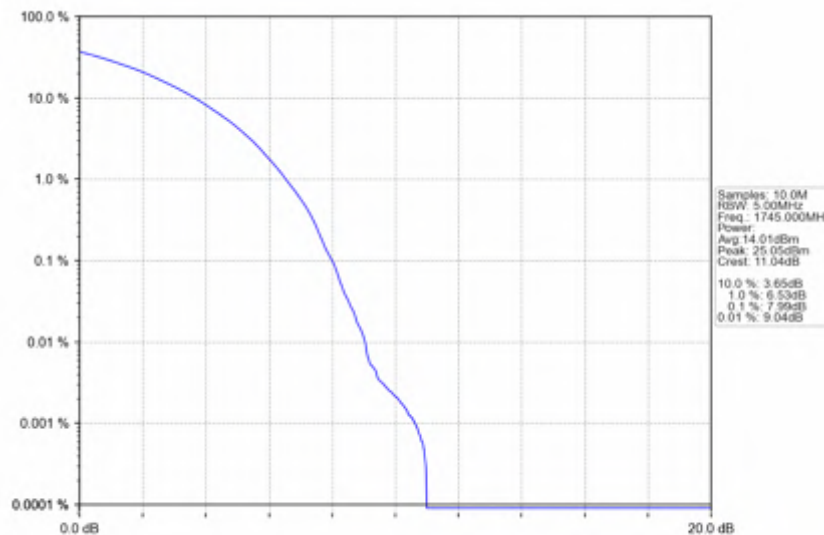
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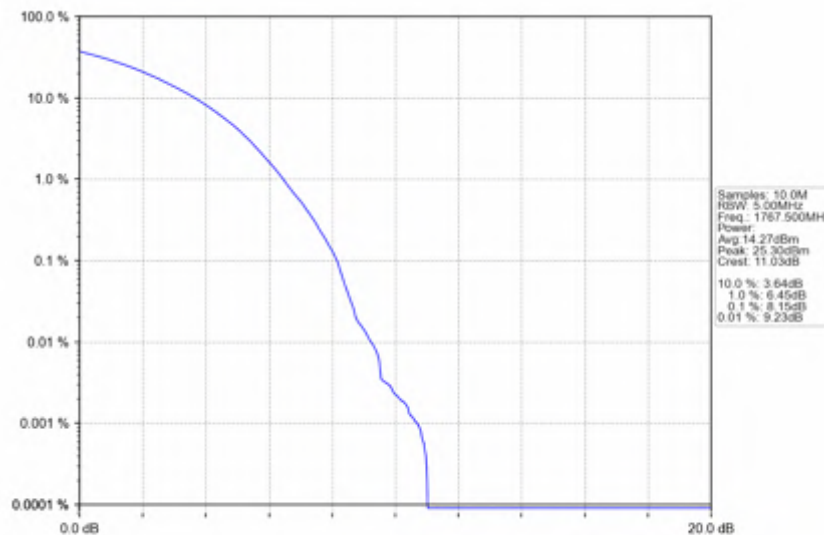


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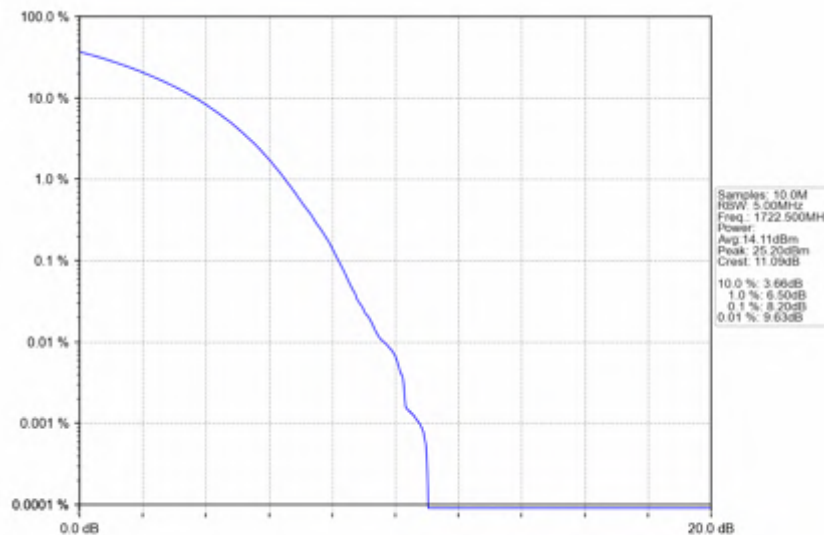
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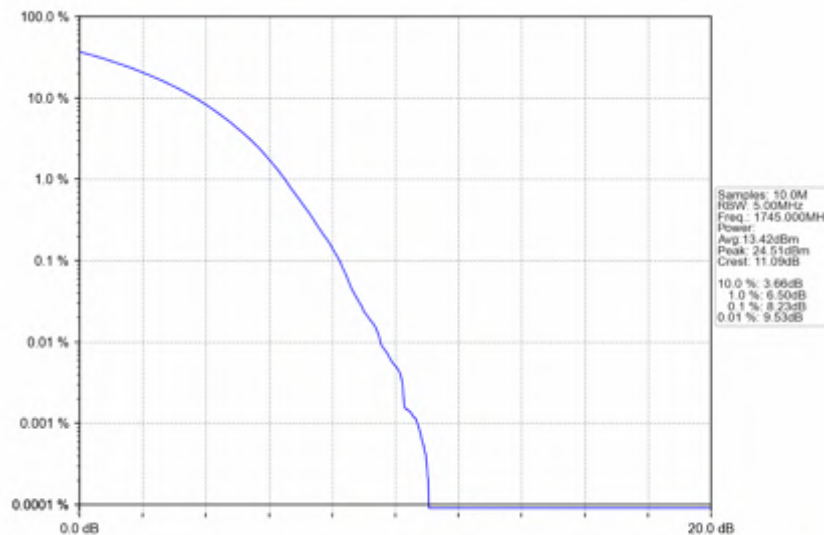


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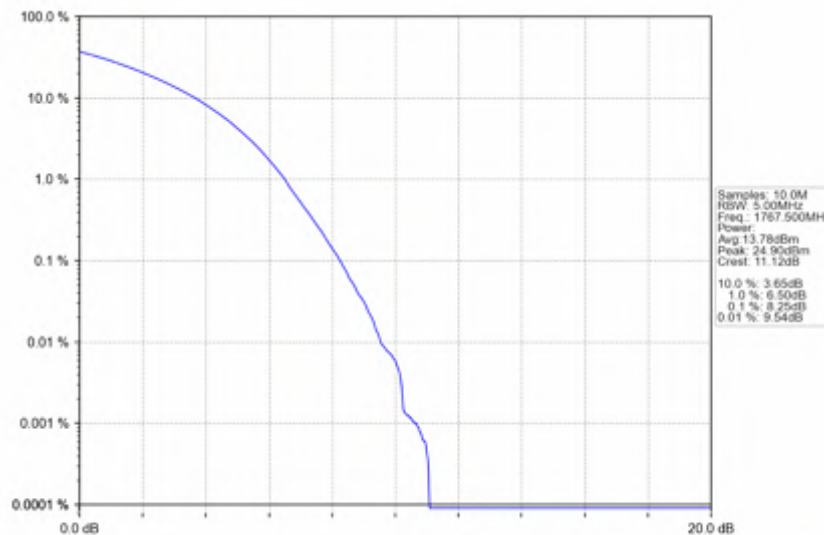
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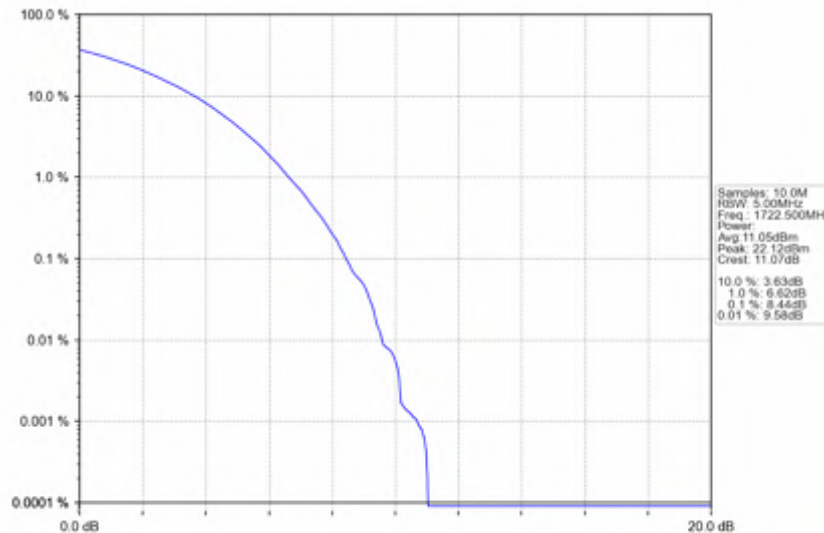
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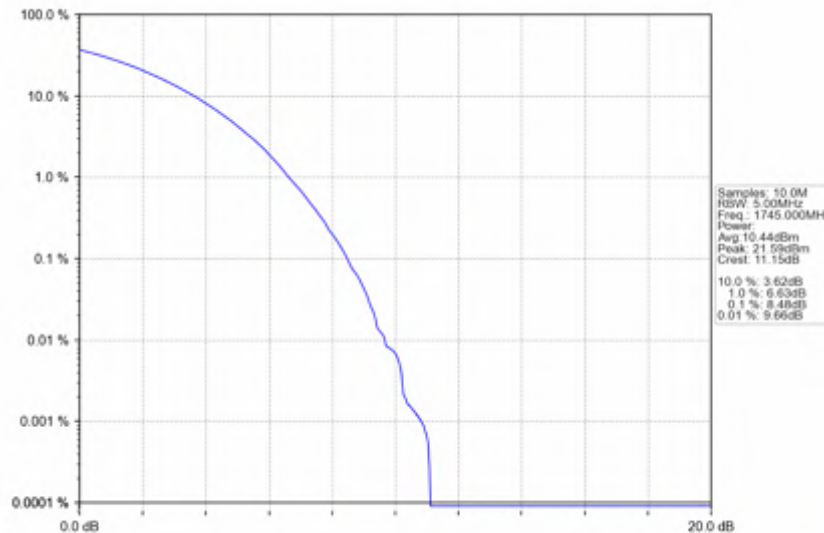
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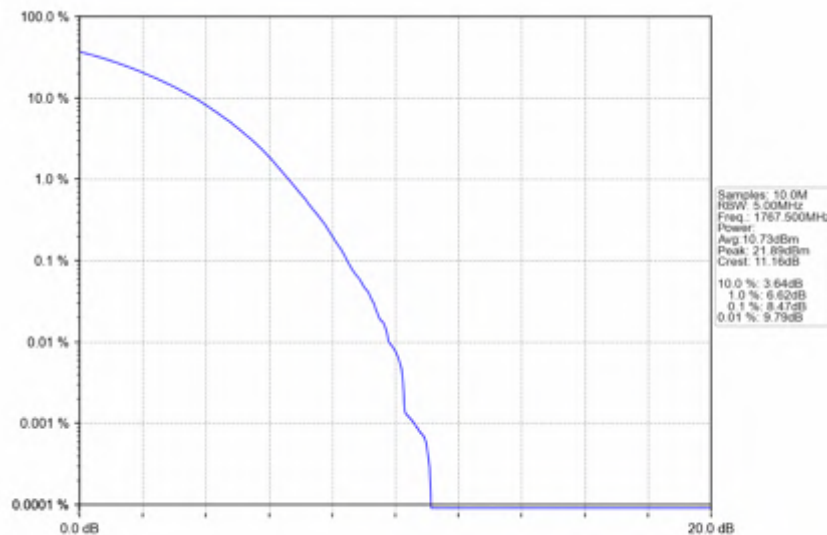


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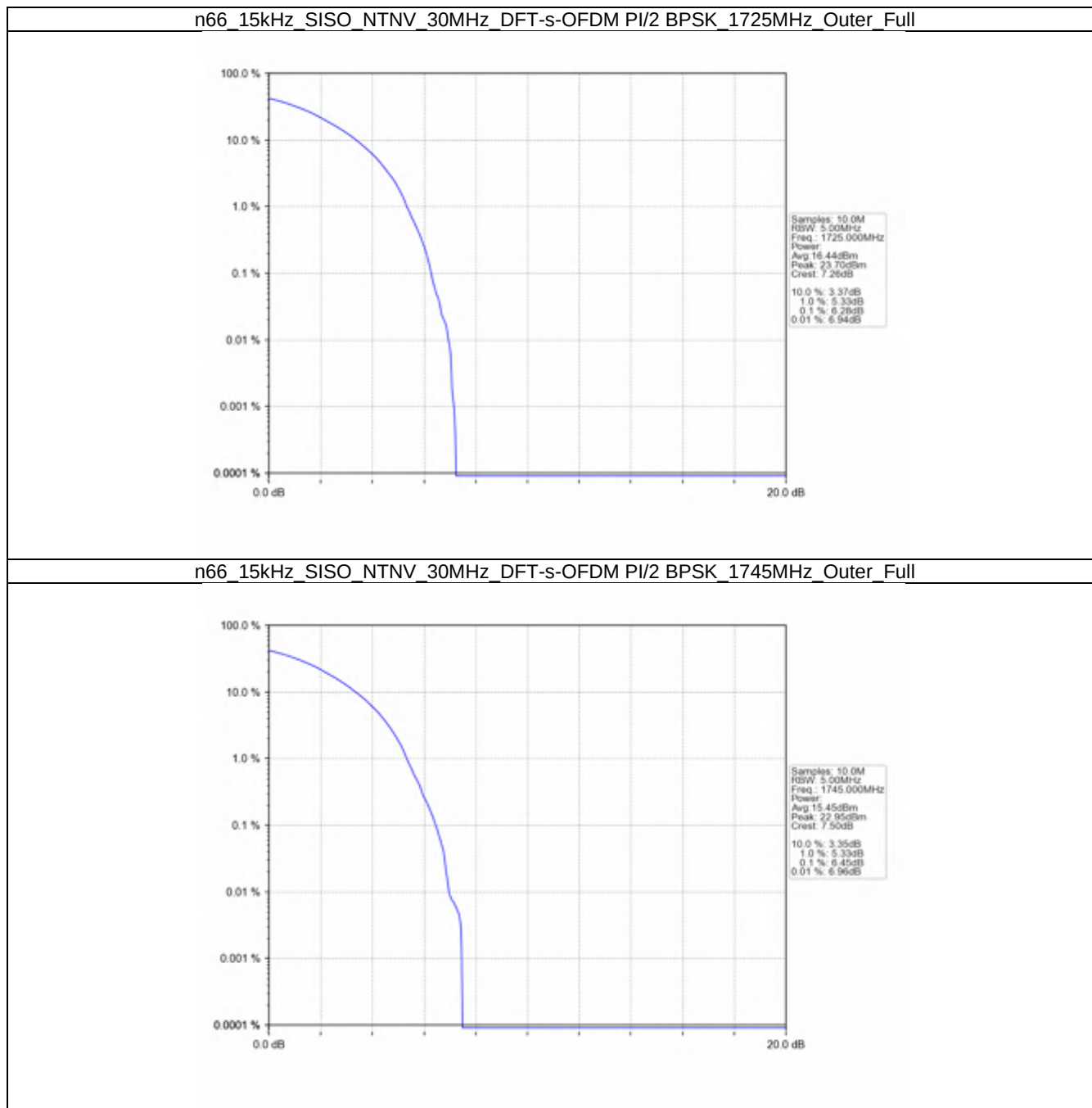
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7.6 15k_SISO_30MHz_NTNV

7.6.1 Test Result

5G NR n66 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	1725	Outer_Full	6.28	/	/	<=13	Pass
	1745	Outer_Full	6.45	/	/	<=13	Pass
	1765	Outer_Full	6.41	/	/	<=13	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	7.41	/	/	<=13	Pass
	1745	Outer_Full	7.47	/	/	<=13	Pass
	1765	Outer_Full	7.45	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	7.93	/	/	<=13	Pass
	1745	Outer_Full	7.94	/	/	<=13	Pass
	1765	Outer_Full	7.94	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	7.83	/	/	<=13	Pass
	1745	Outer_Full	7.89	/	/	<=13	Pass
	1765	Outer_Full	7.89	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	7.81	/	/	<=13	Pass
	1745	Outer_Full	7.83	/	/	<=13	Pass
	1765	Outer_Full	7.87	/	/	<=13	Pass
CP-OFDM QPSK	1725	Outer_Full	8.44	/	/	<=13	Pass
	1745	Outer_Full	8.48	/	/	<=13	Pass
	1765	Outer_Full	8.66	/	/	<=13	Pass
CP-OFDM 16 QAM	1725	Outer_Full	8.62	/	/	<=13	Pass
	1745	Outer_Full	8.62	/	/	<=13	Pass
	1765	Outer_Full	8.66	/	/	<=13	Pass
CP-OFDM 64 QAM	1725	Outer_Full	8.18	/	/	<=13	Pass
	1745	Outer_Full	8.28	/	/	<=13	Pass
	1765	Outer_Full	8.28	/	/	<=13	Pass
CP-OFDM 256 QAM	1725	Outer_Full	8.45	/	/	<=13	Pass
	1745	Outer_Full	8.46	/	/	<=13	Pass
	1765	Outer_Full	8.56	/	/	<=13	Pass

7.6.2 Test Graph



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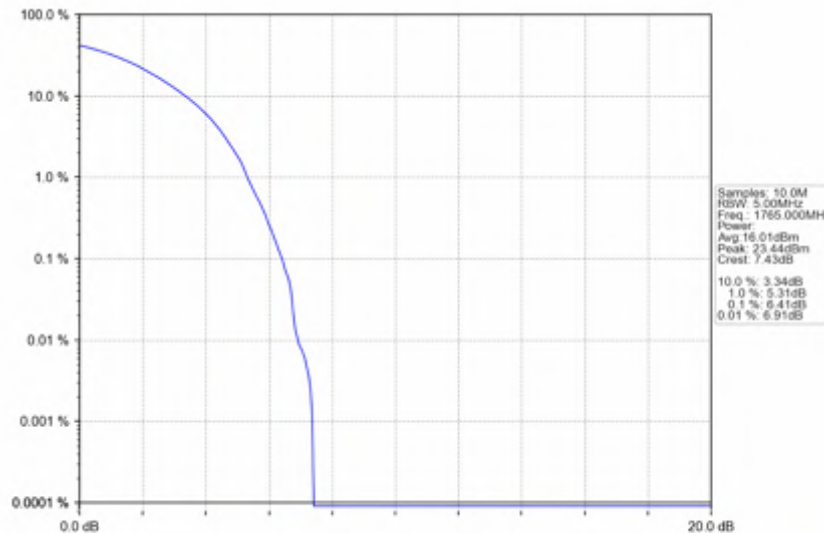
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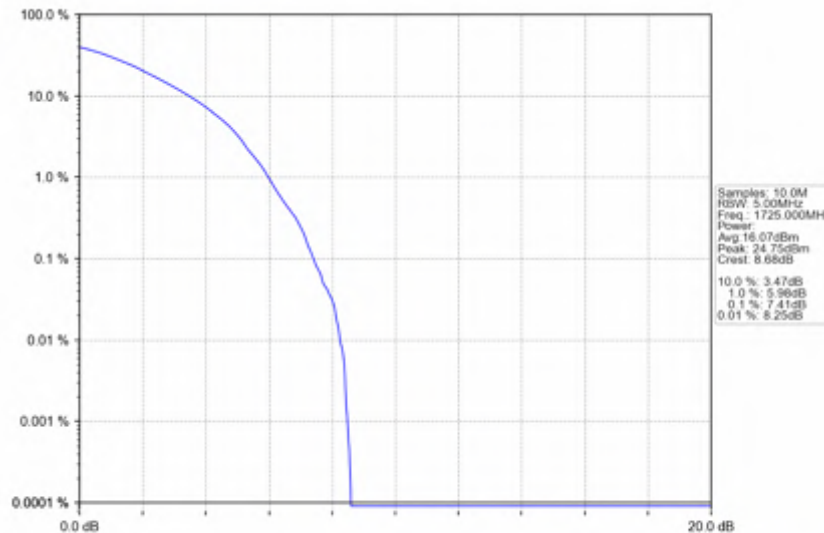
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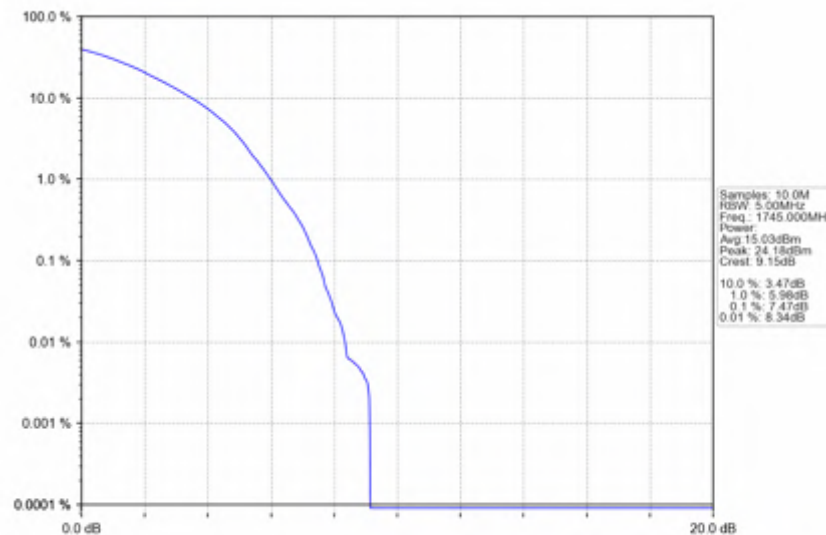
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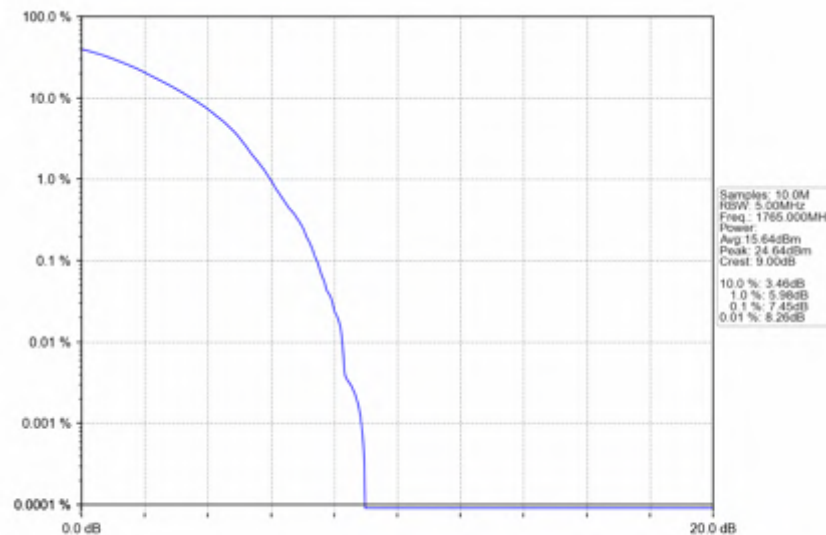
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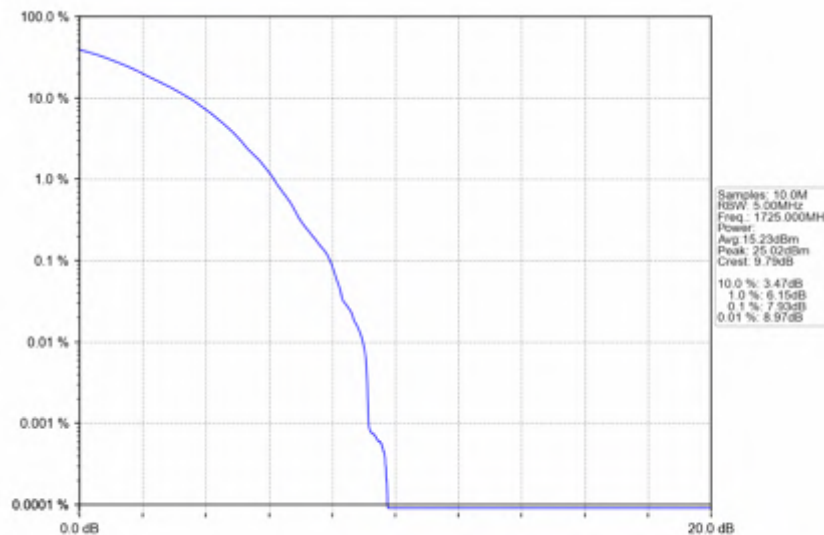


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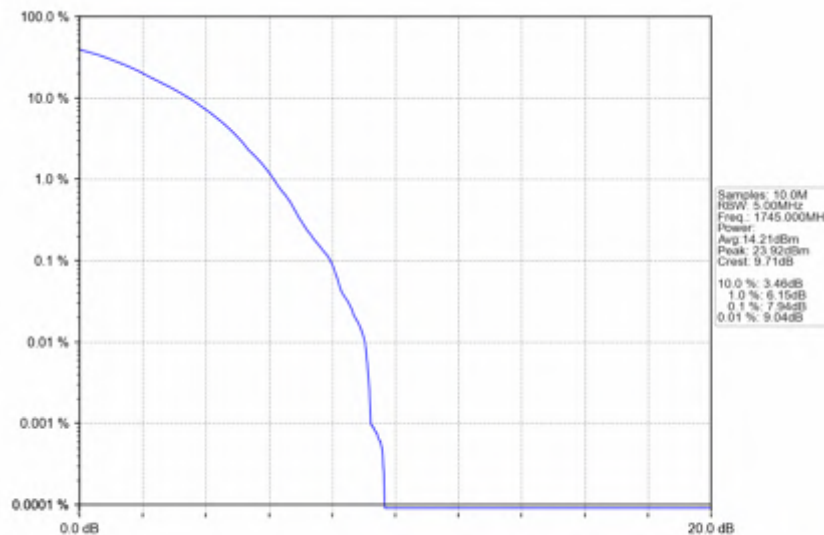
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n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_1725MHz_Outer_Full



n66	15kHz	SISO	NTNV	30MHz	DFT-s-OFDM	16 QAM	1745MHz	Outer	Full
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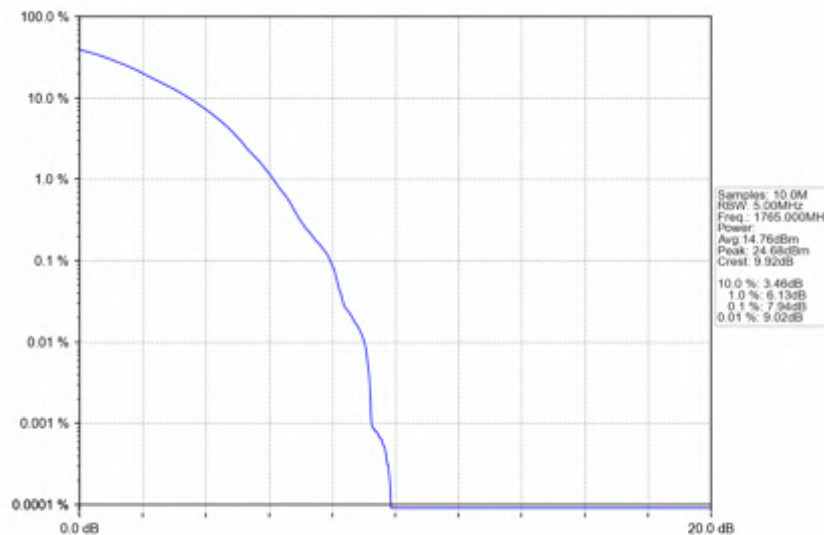


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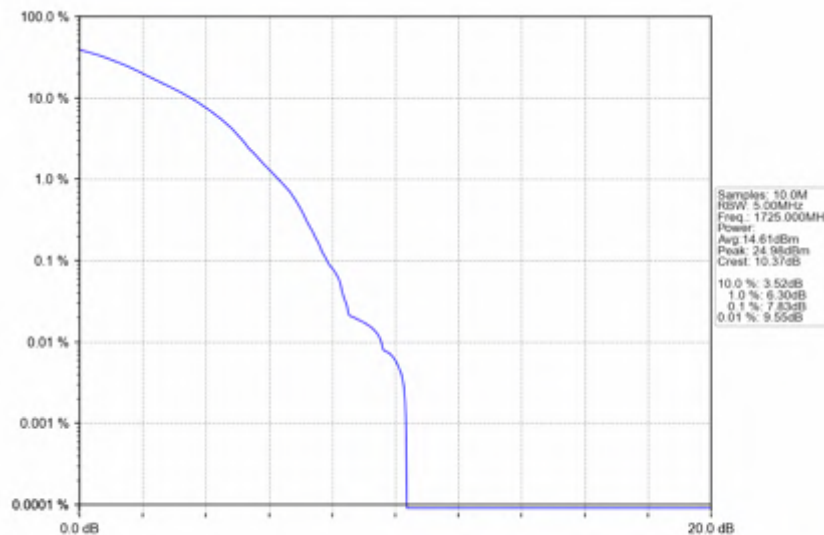
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n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_1765MHz_Outer_Full



n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_1725MHz_Outer_Full

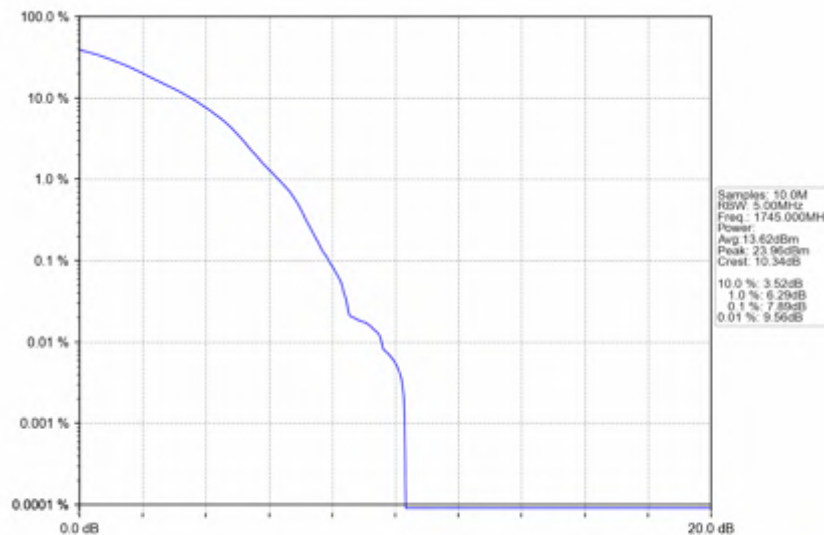


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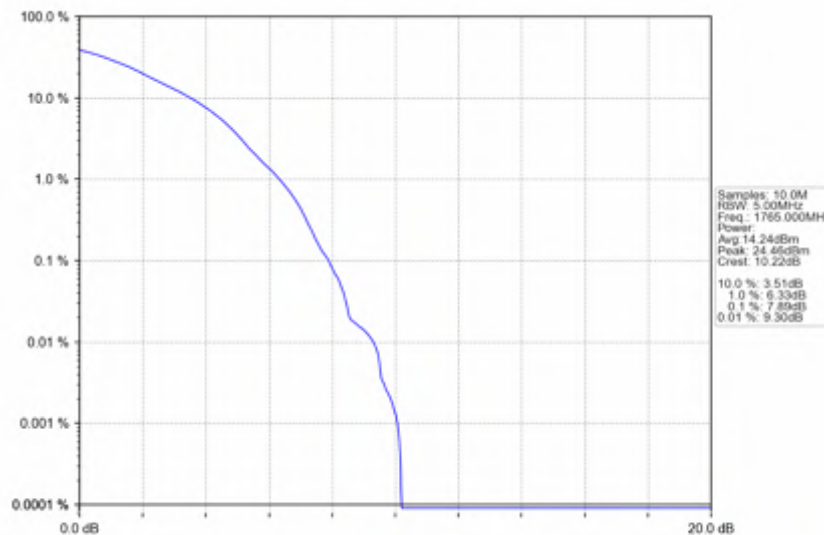
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n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_1765MHz_Outer_Full

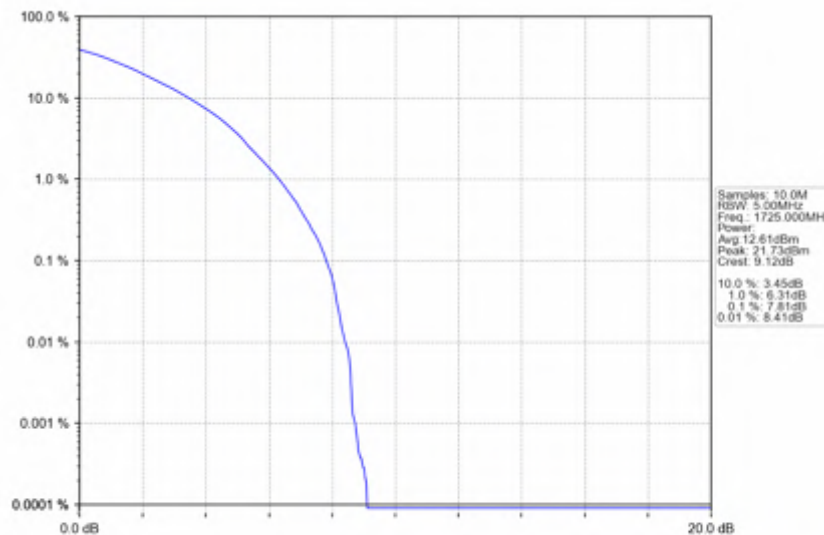


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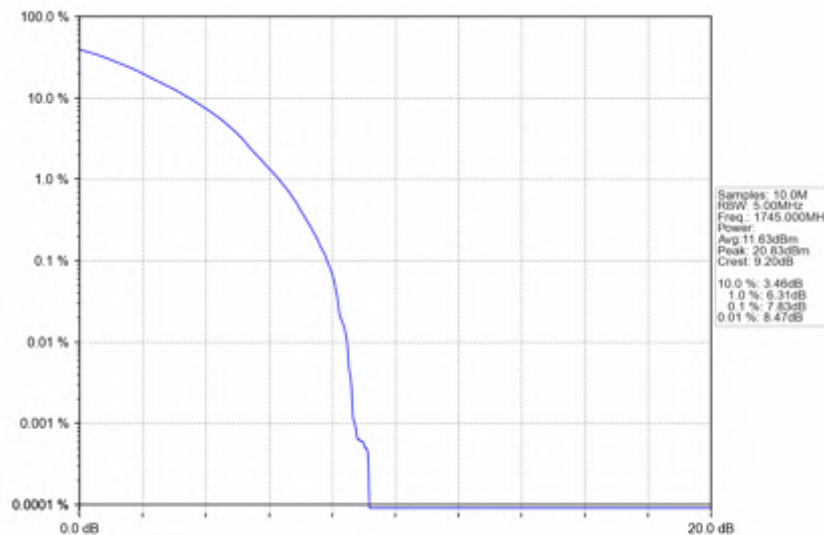
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n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_1725MHz_Outer_Full



n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_1745MHz_Outer_Full



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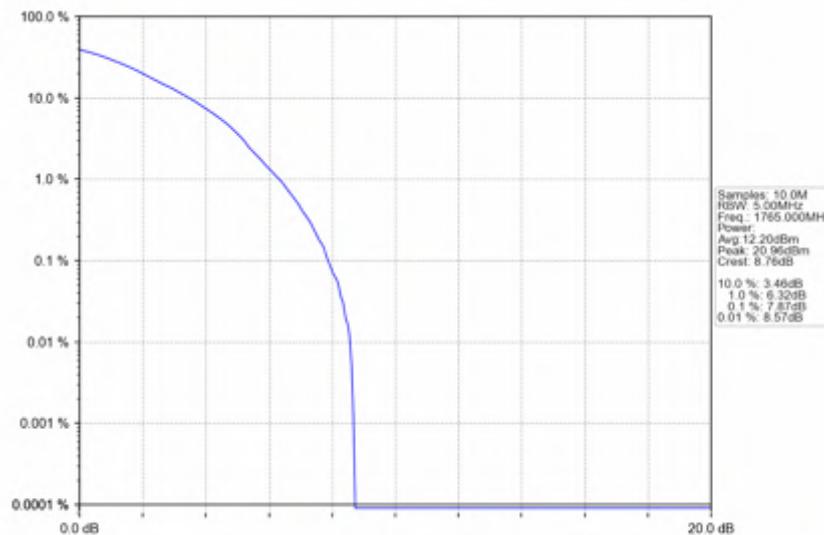
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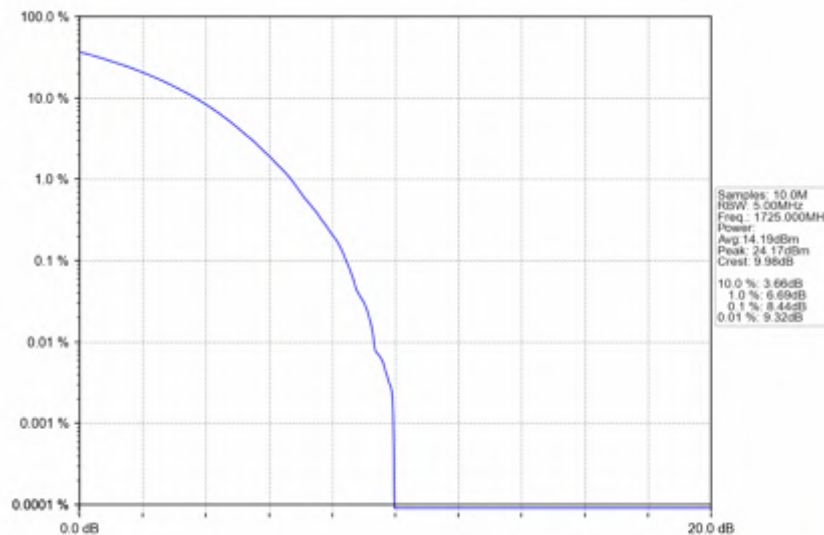
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n66_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_1725MHz_Outer_Full



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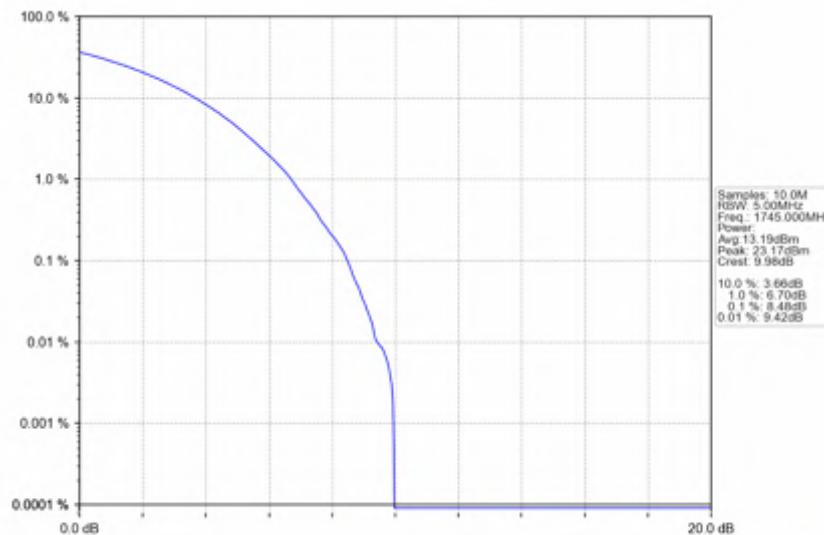
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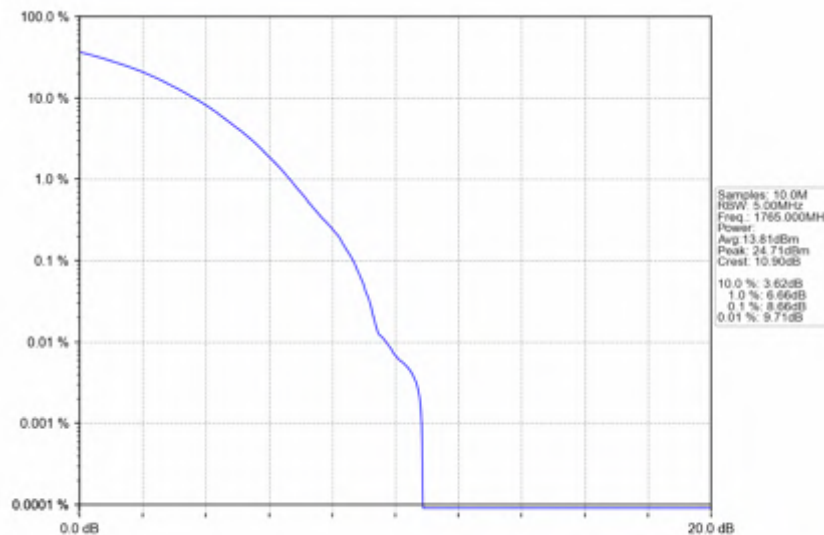
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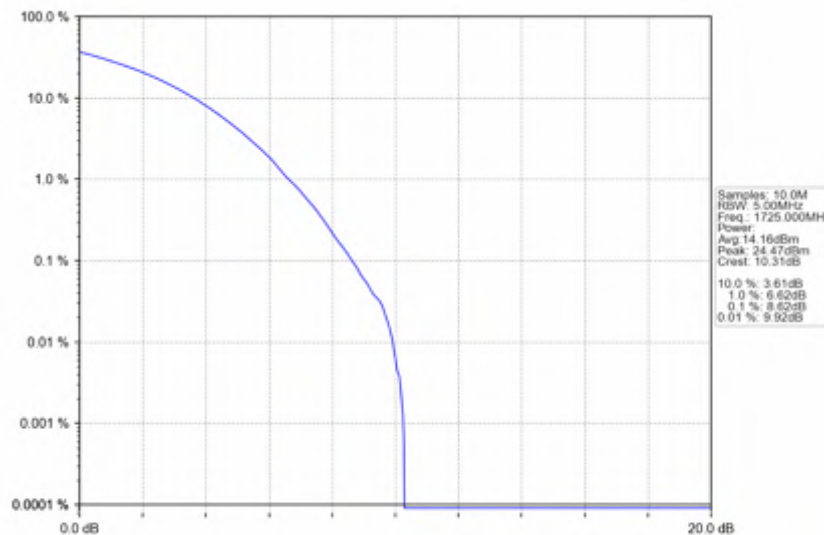
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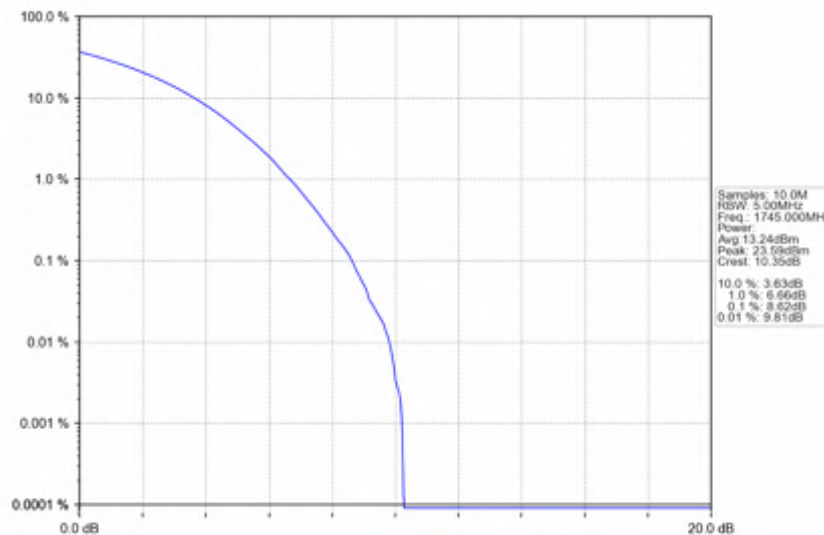
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n66 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 1745MHz Outer Full

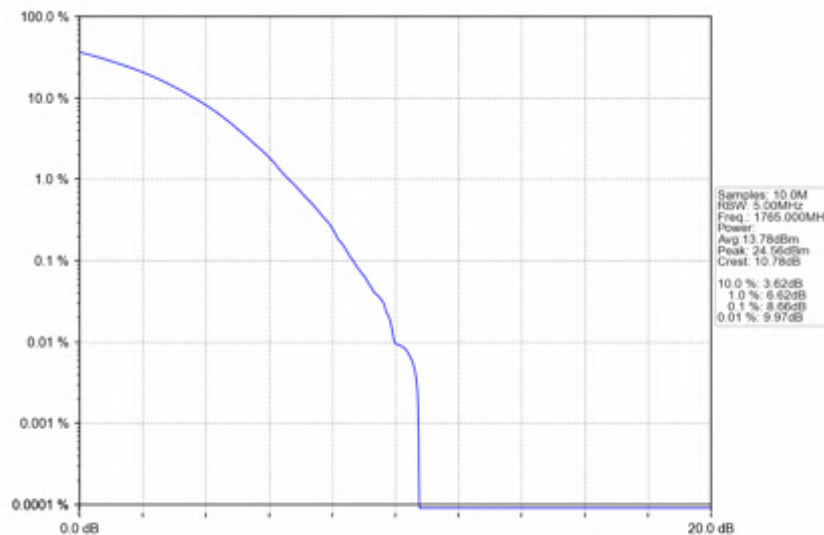


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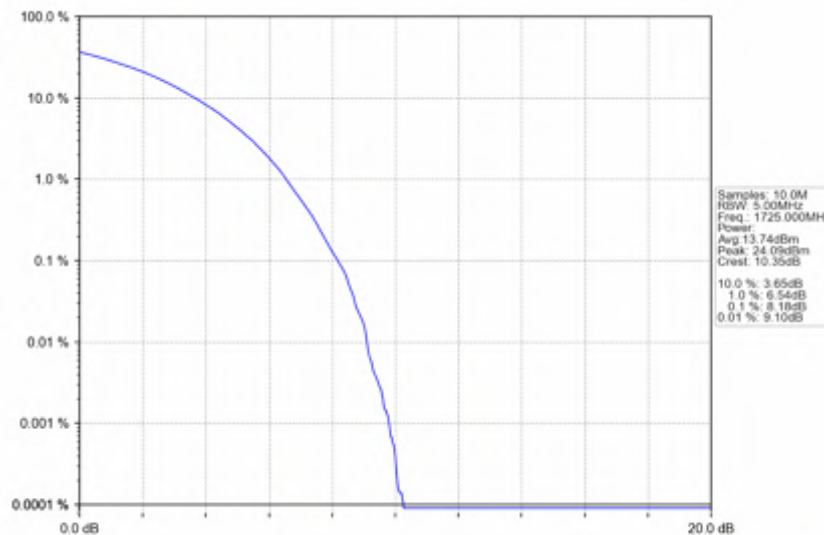
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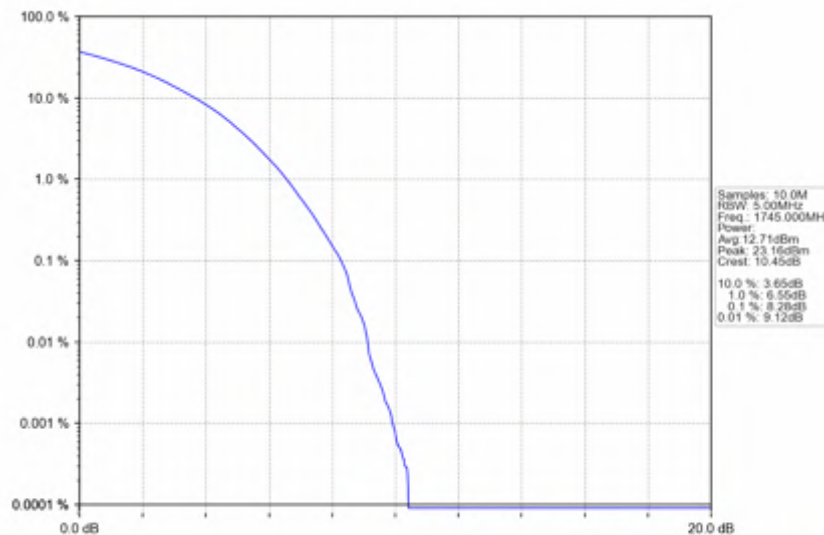
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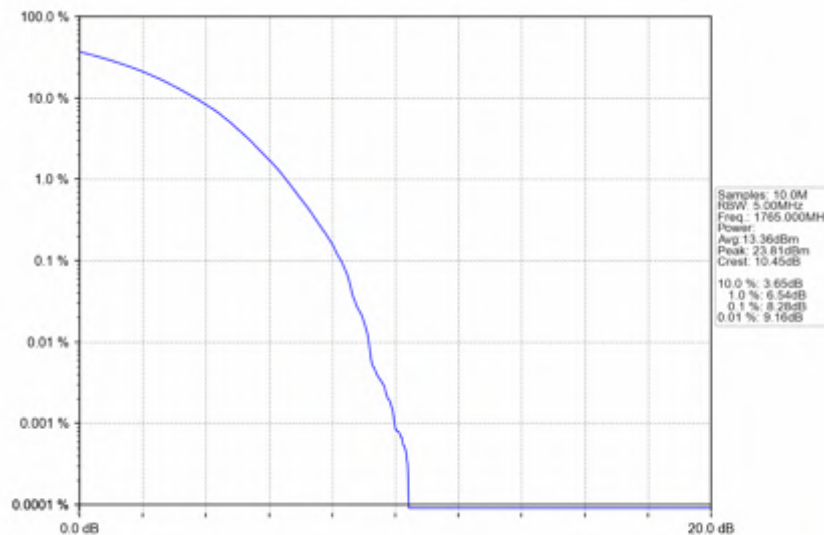
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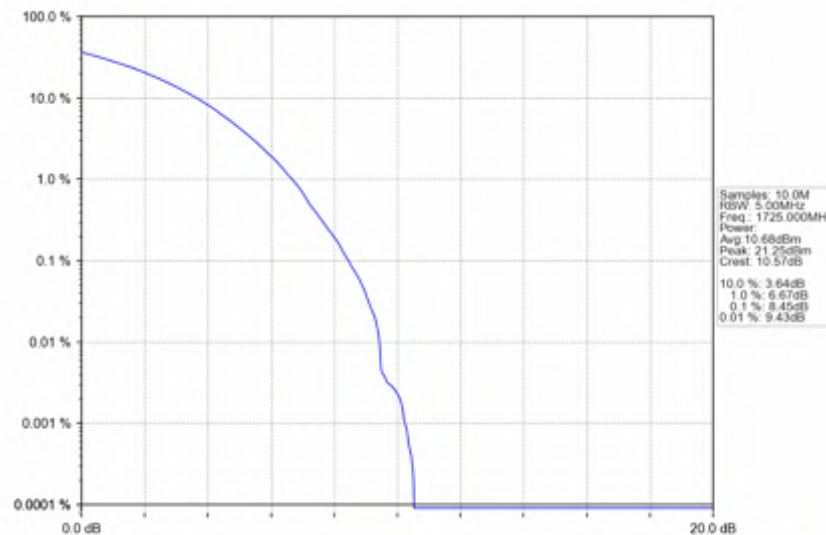


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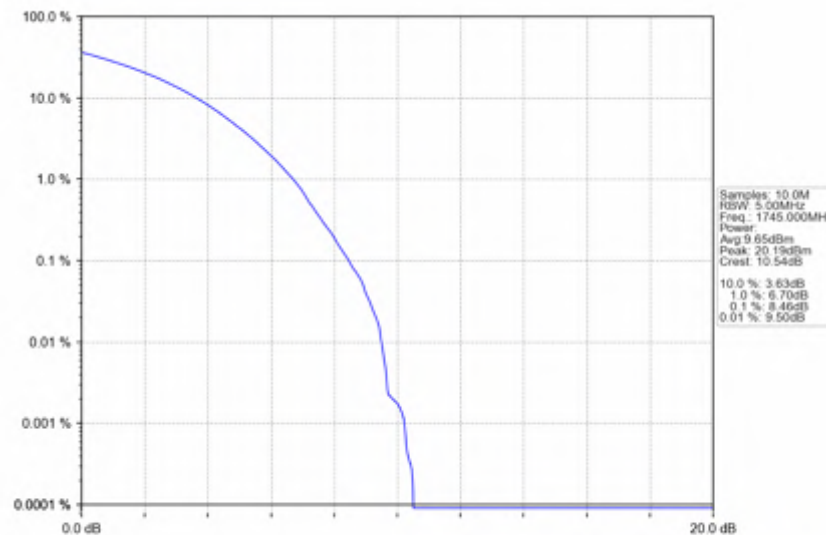
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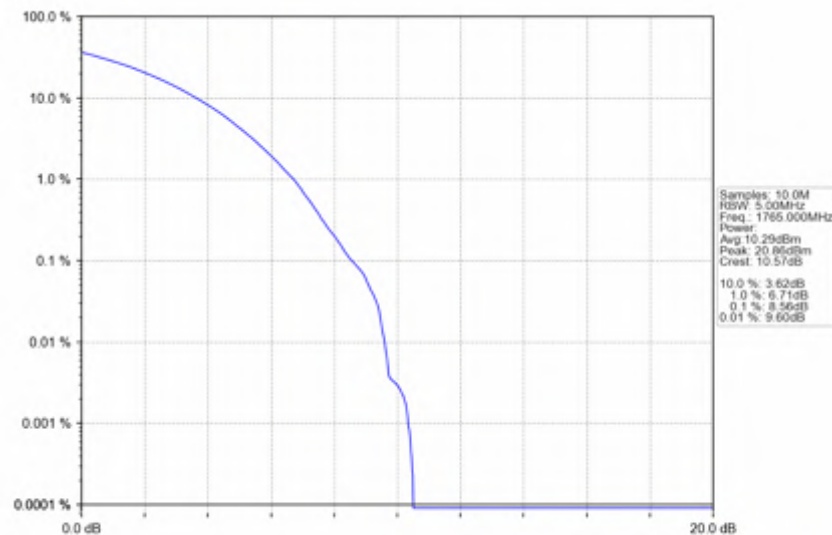
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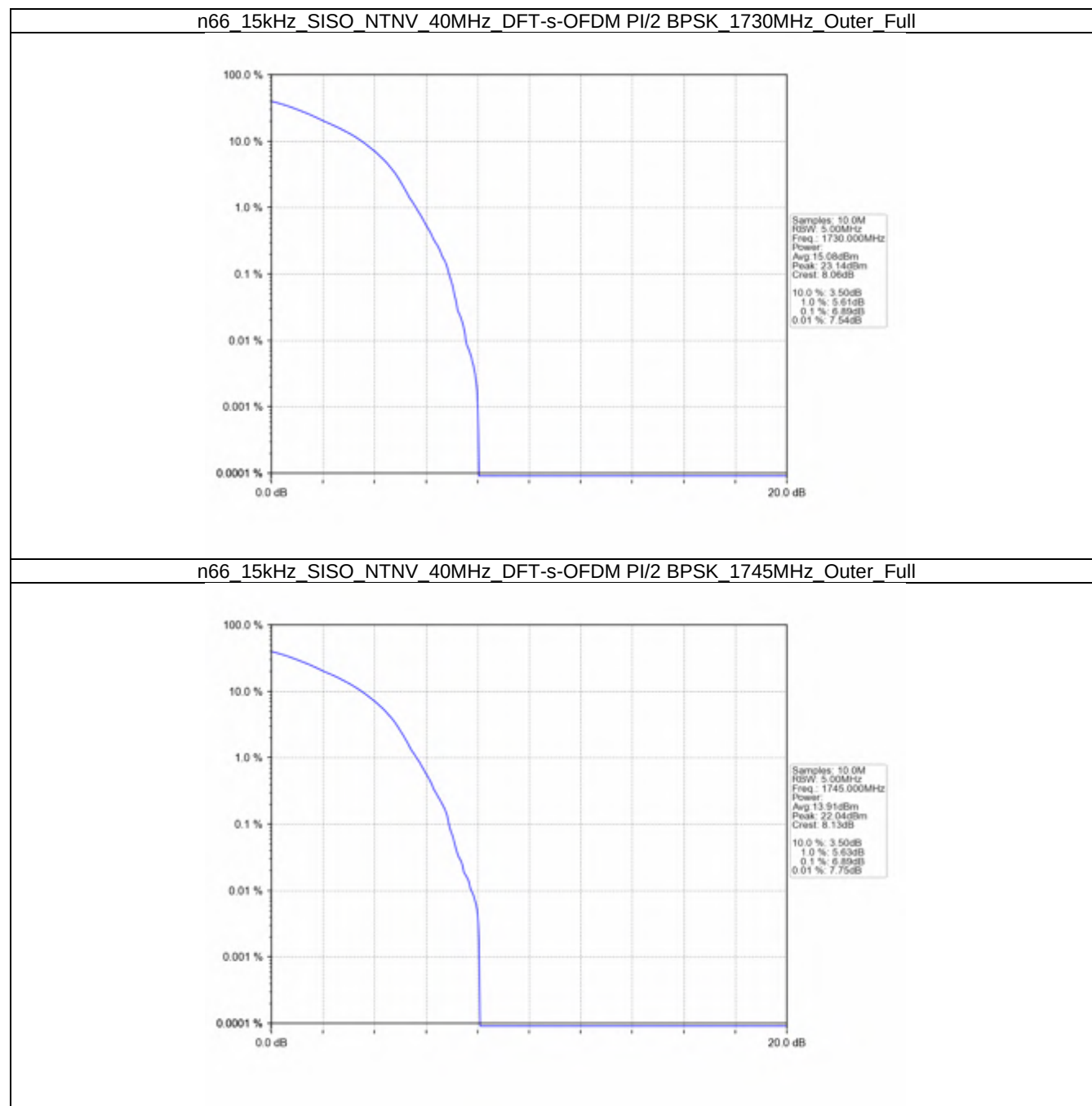
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7.7 15k_SISO_40MHz_NTNV

7.7.1 Test Result

5G NR n66 SCS=15kHz SISO 40MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1730	Outer_Full	6.89	/	/	<=13	Pass
	1745	Outer_Full	6.89	/	/	<=13	Pass
	1760	Outer_Full	6.87	/	/	<=13	Pass
DFT-s-OFDM QPSK	1730	Outer_Full	7.48	/	/	<=13	Pass
	1745	Outer_Full	7.50	/	/	<=13	Pass
	1760	Outer_Full	7.53	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	7.55	/	/	<=13	Pass
	1745	Outer_Full	7.73	/	/	<=13	Pass
	1760	Outer_Full	7.71	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	7.88	/	/	<=13	Pass
	1745	Outer_Full	7.90	/	/	<=13	Pass
	1760	Outer_Full	7.84	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	7.98	/	/	<=13	Pass
	1745	Outer_Full	7.99	/	/	<=13	Pass
	1760	Outer_Full	8.01	/	/	<=13	Pass
CP-OFDM QPSK	1730	Outer_Full	8.31	/	/	<=13	Pass
	1745	Outer_Full	8.48	/	/	<=13	Pass
	1760	Outer_Full	8.34	/	/	<=13	Pass
CP-OFDM 16 QAM	1730	Outer_Full	8.57	/	/	<=13	Pass
	1745	Outer_Full	8.52	/	/	<=13	Pass
	1760	Outer_Full	8.59	/	/	<=13	Pass
CP-OFDM 64 QAM	1730	Outer_Full	8.34	/	/	<=13	Pass
	1745	Outer_Full	8.23	/	/	<=13	Pass
	1760	Outer_Full	8.30	/	/	<=13	Pass
CP-OFDM 256 QAM	1730	Outer_Full	8.73	/	/	<=13	Pass
	1745	Outer_Full	8.68	/	/	<=13	Pass
	1760	Outer_Full	8.70	/	/	<=13	Pass

7.7.2 Test Graph



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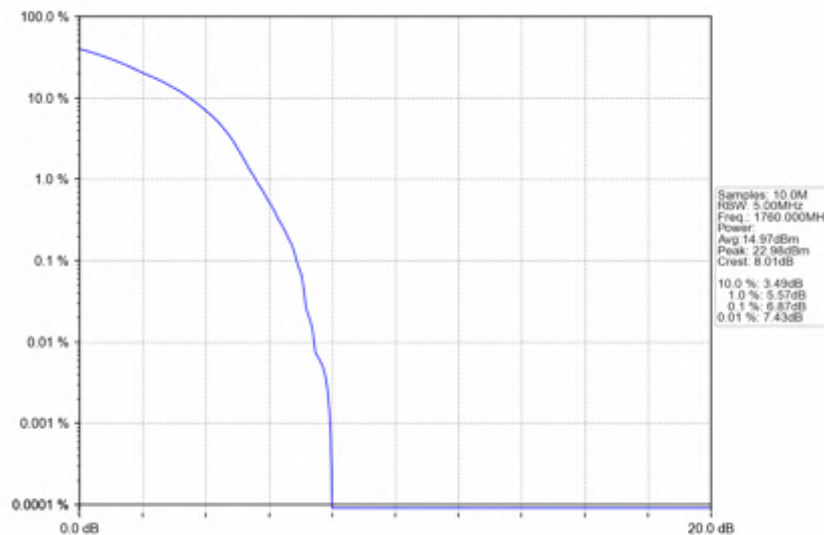
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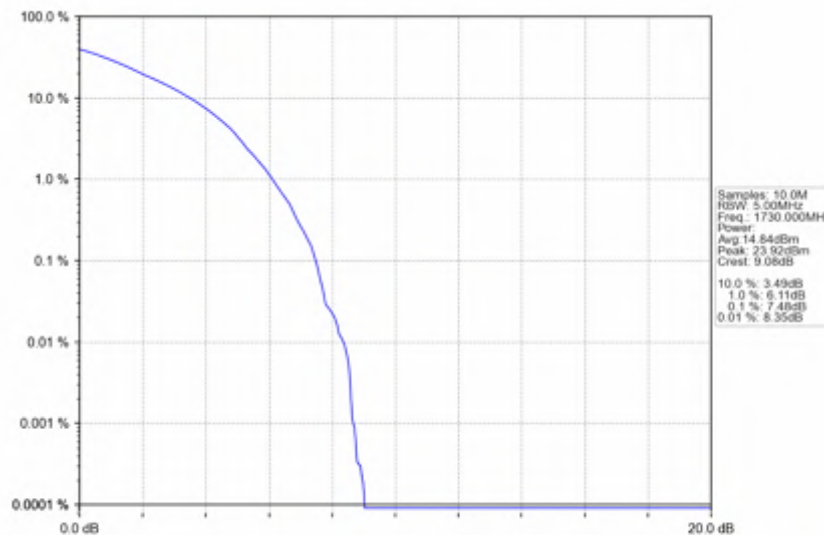
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n66_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_1730MHz_Outer_Full

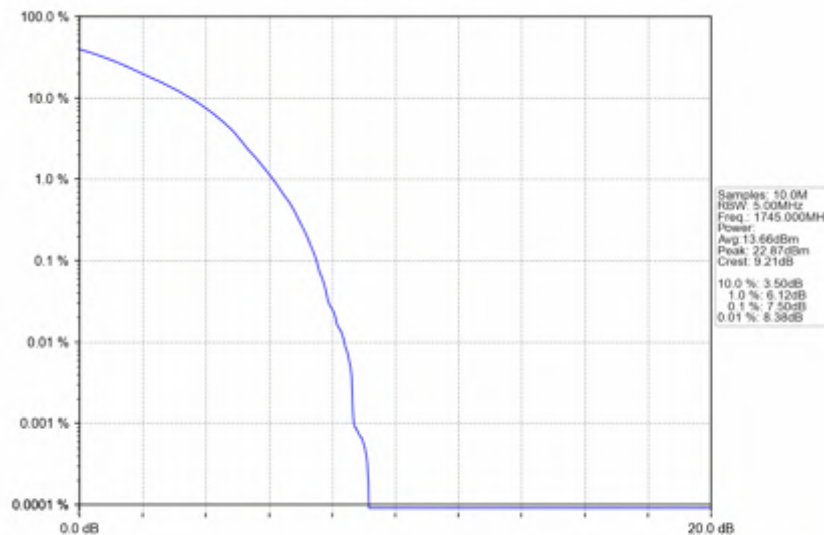


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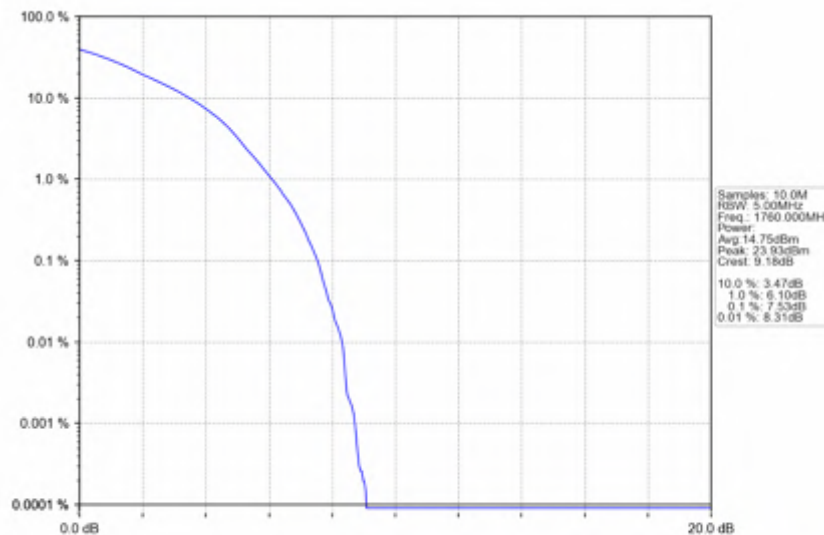
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n66_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_1760MHz_Outer_Full



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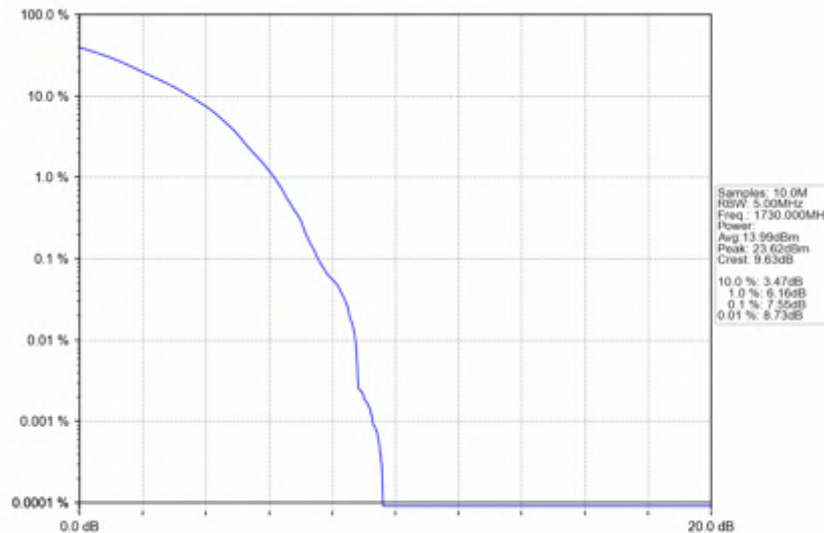
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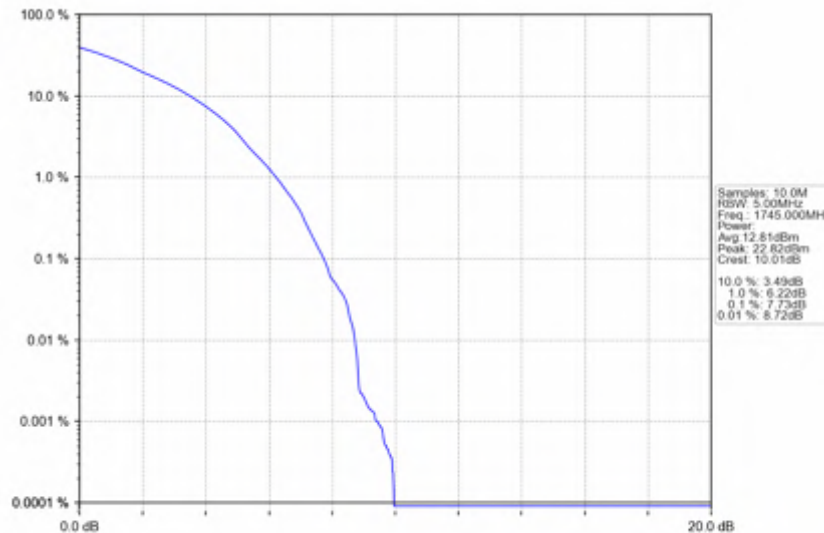
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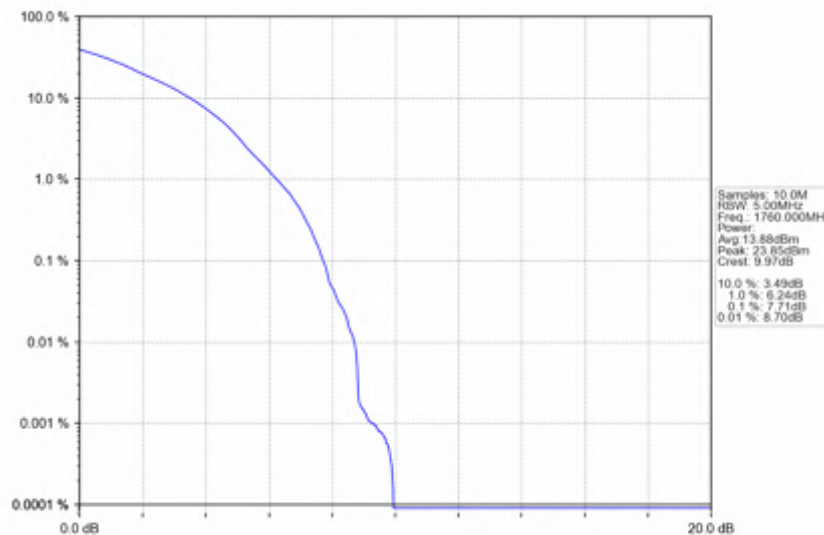
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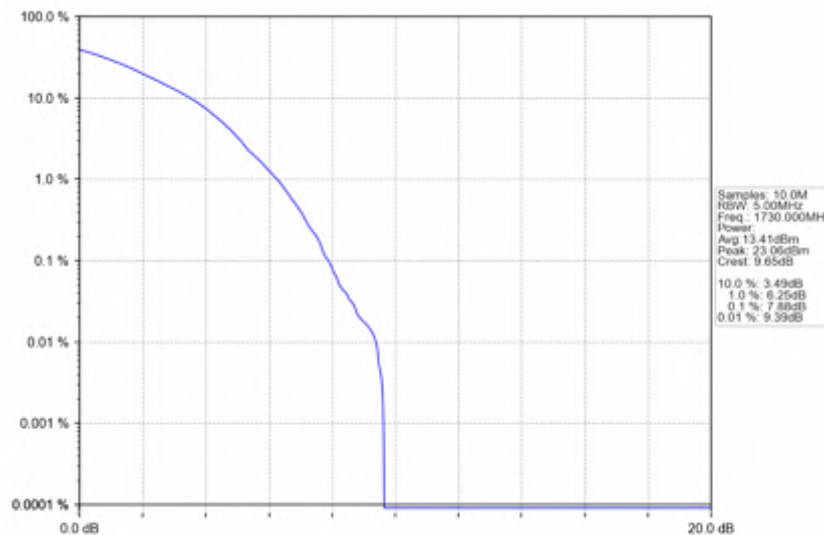
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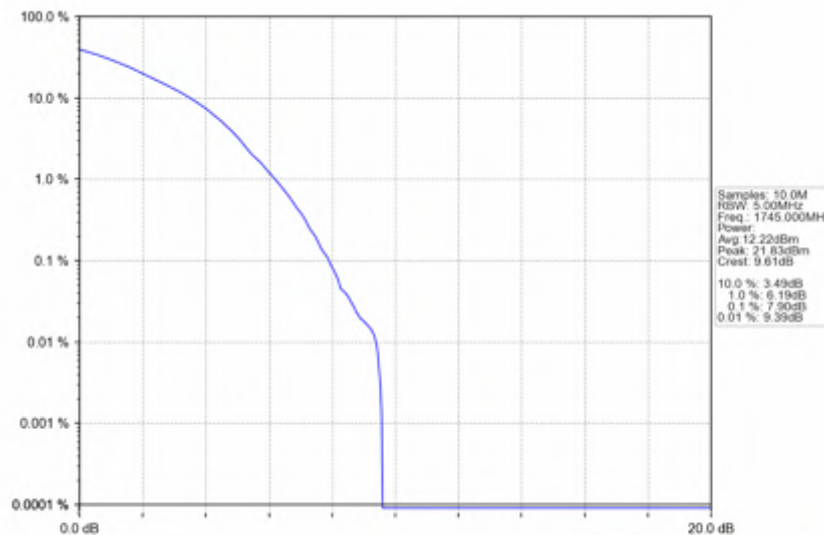
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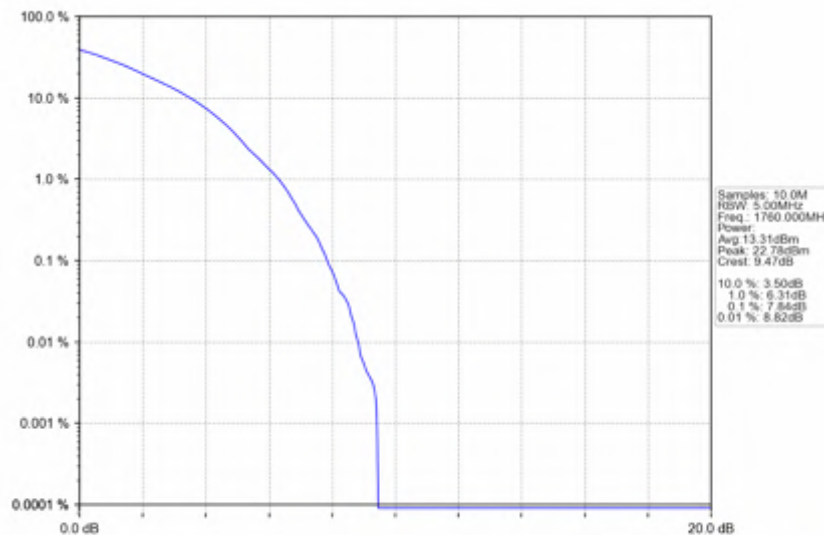
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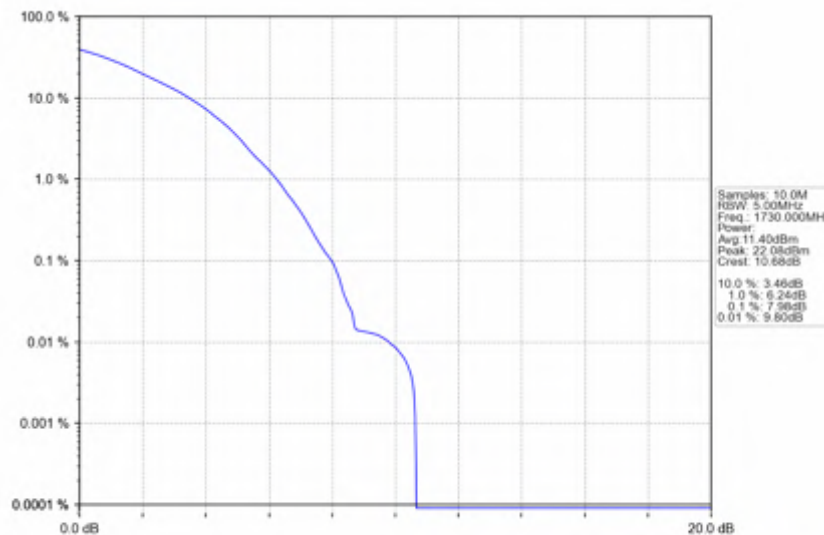
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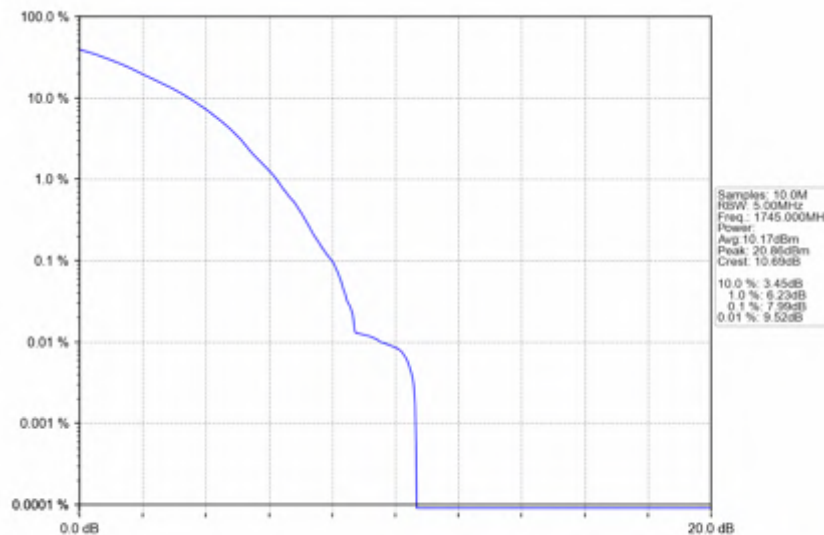
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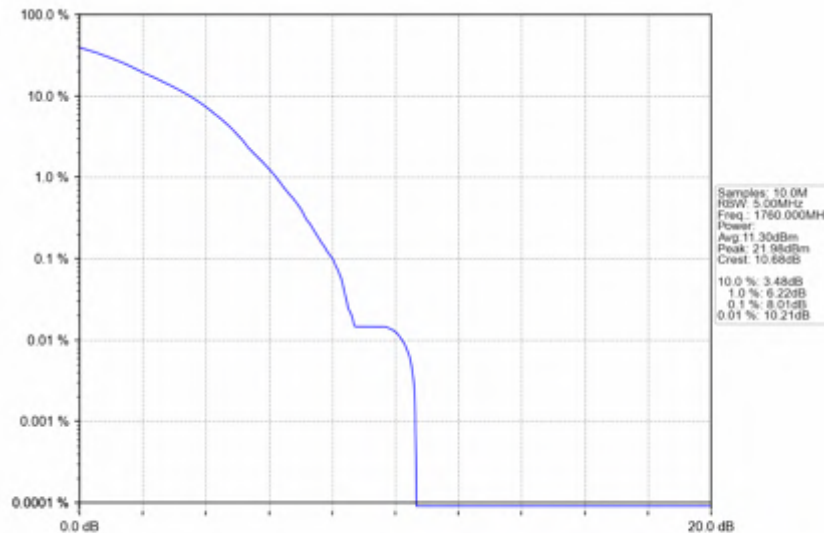


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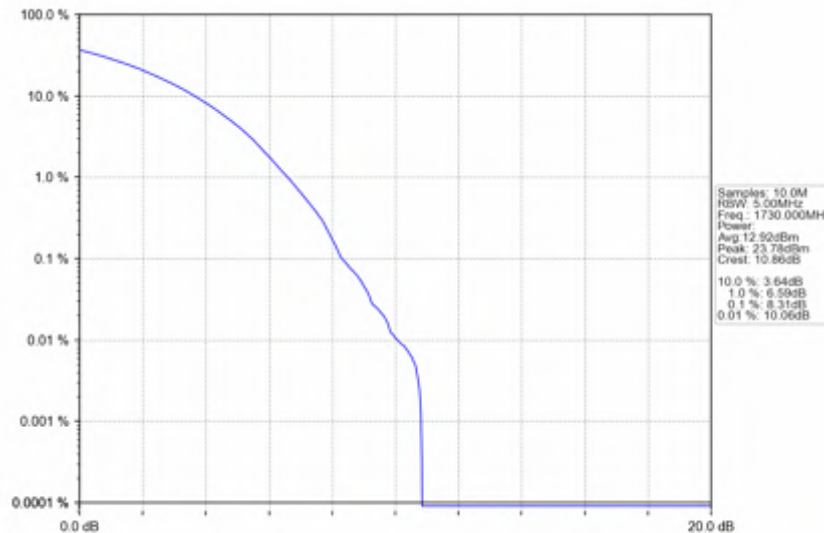
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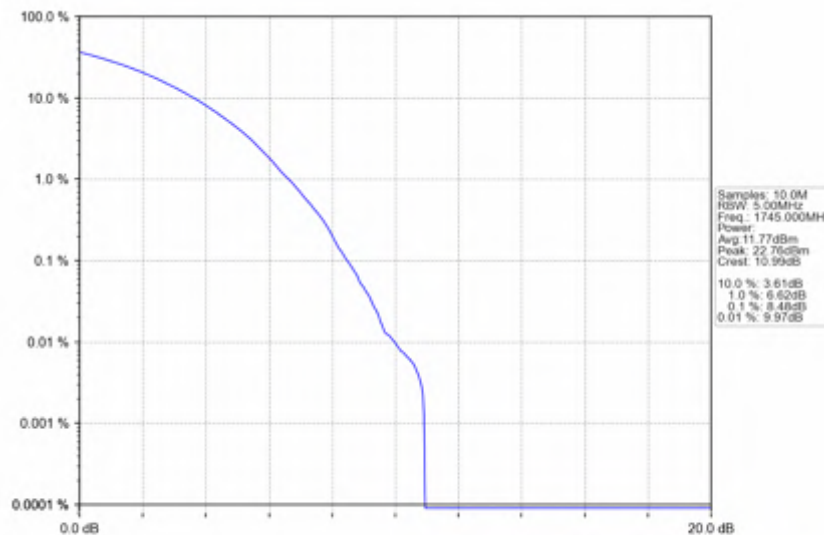


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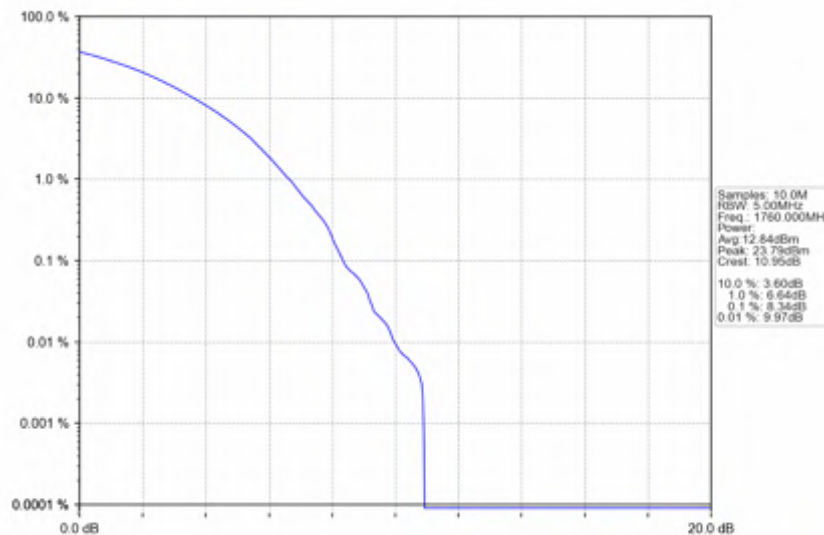
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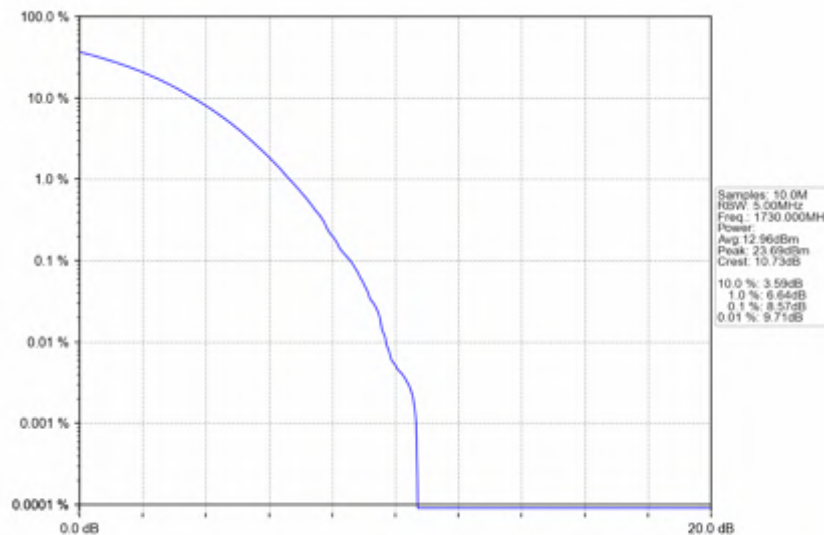


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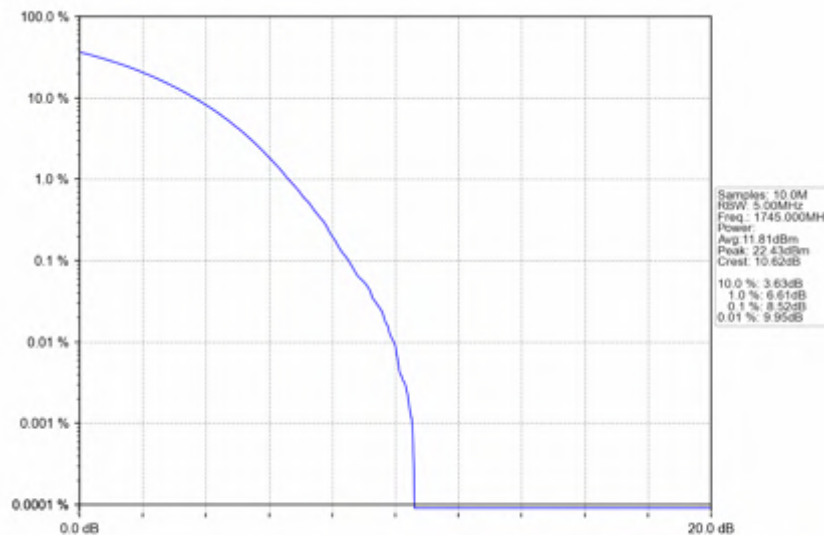
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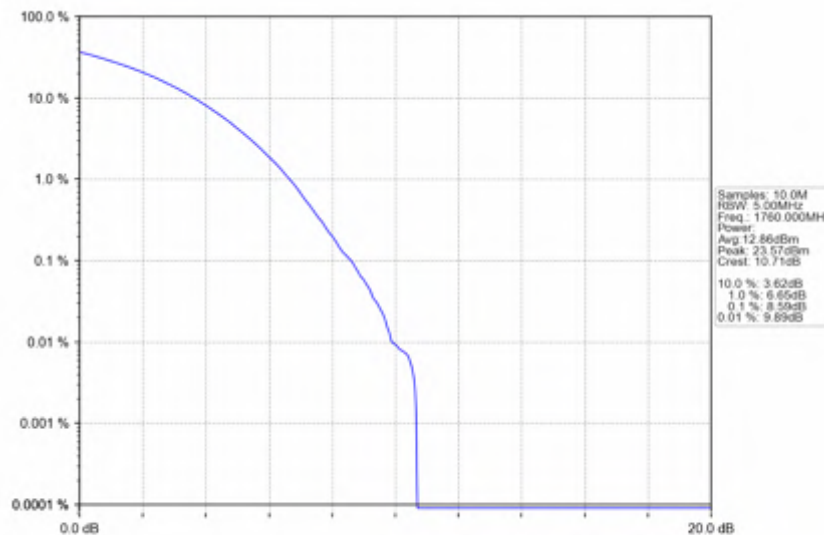


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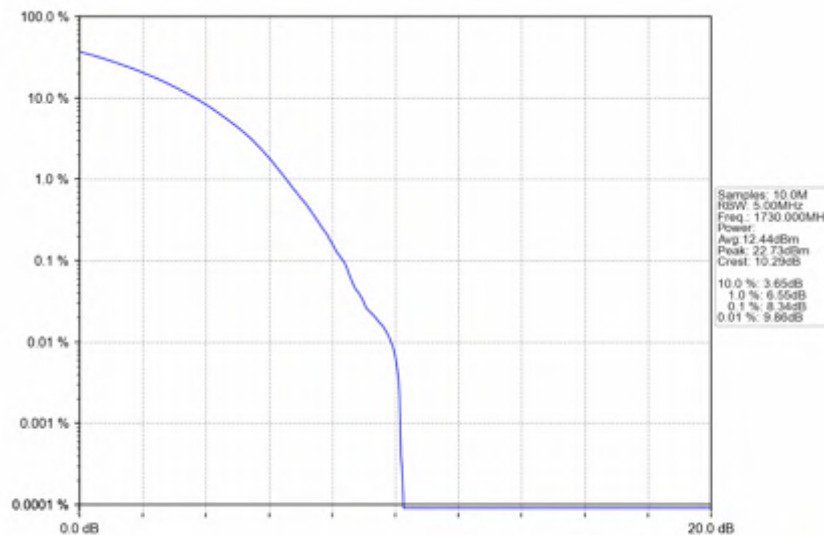
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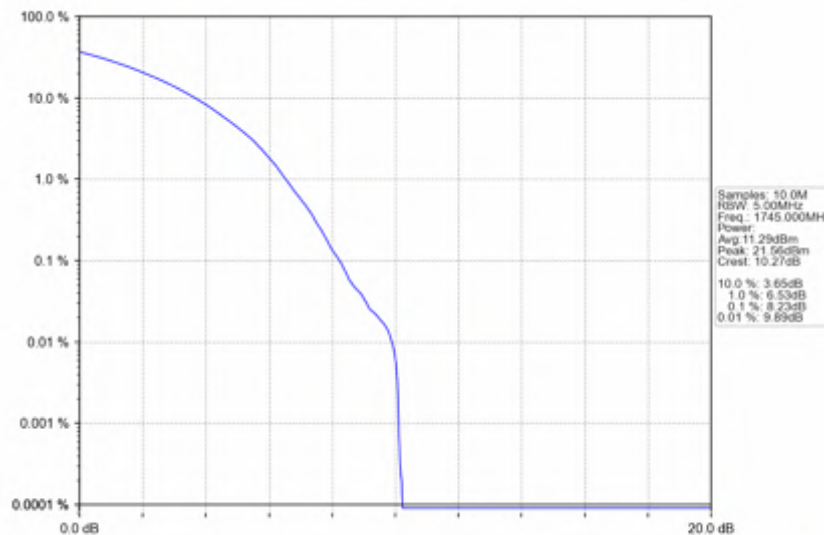


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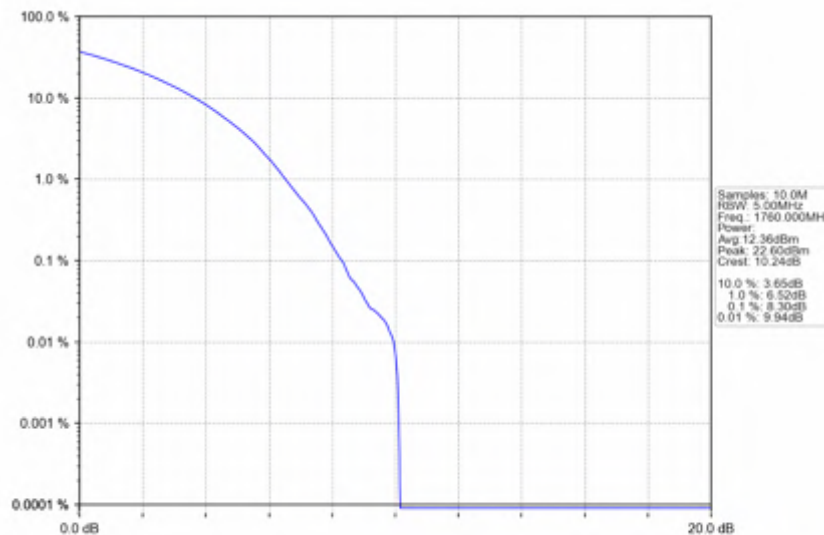
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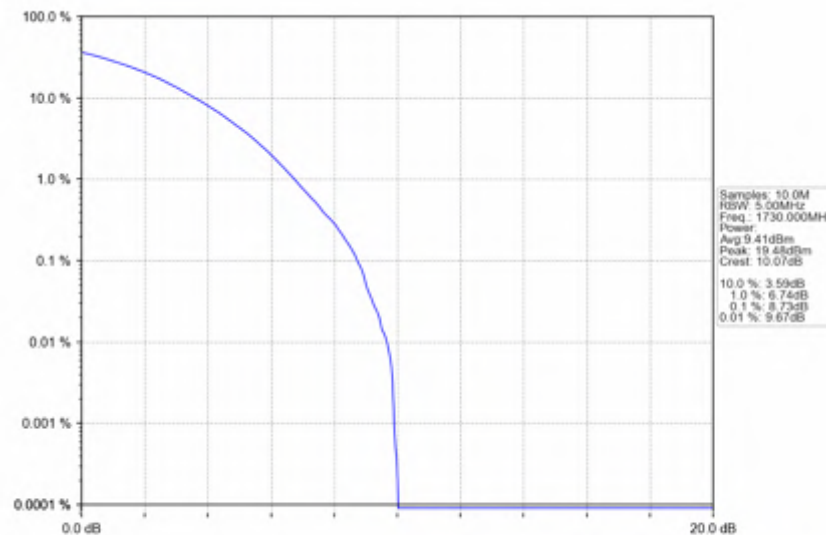


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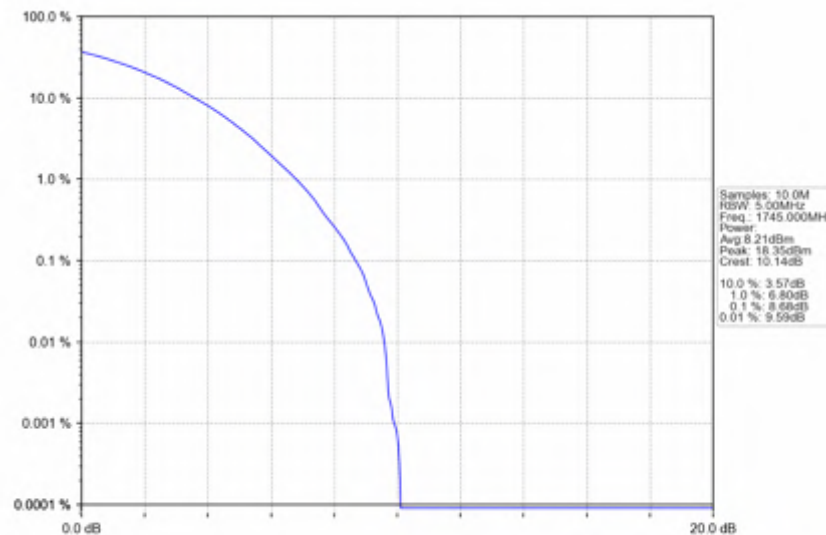
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n66_15kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_1730MHz_Outer_Full



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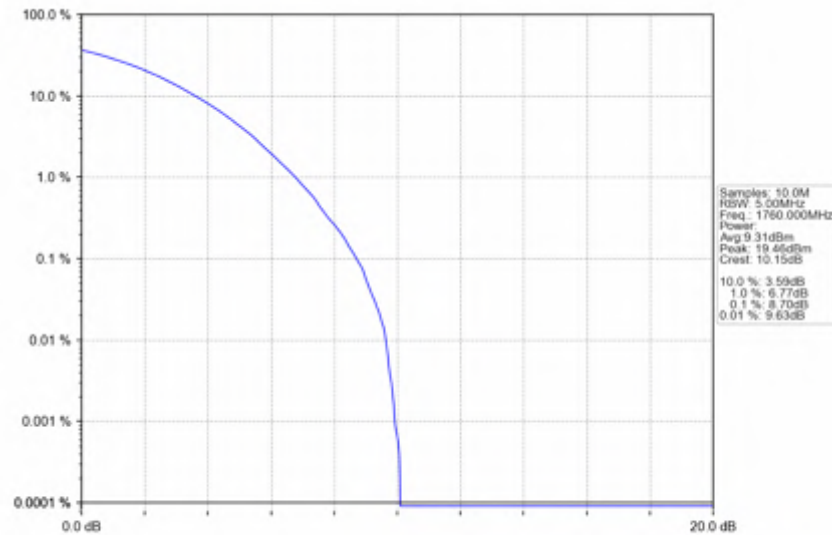


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n66_15kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_1760MHz_Outer_Full



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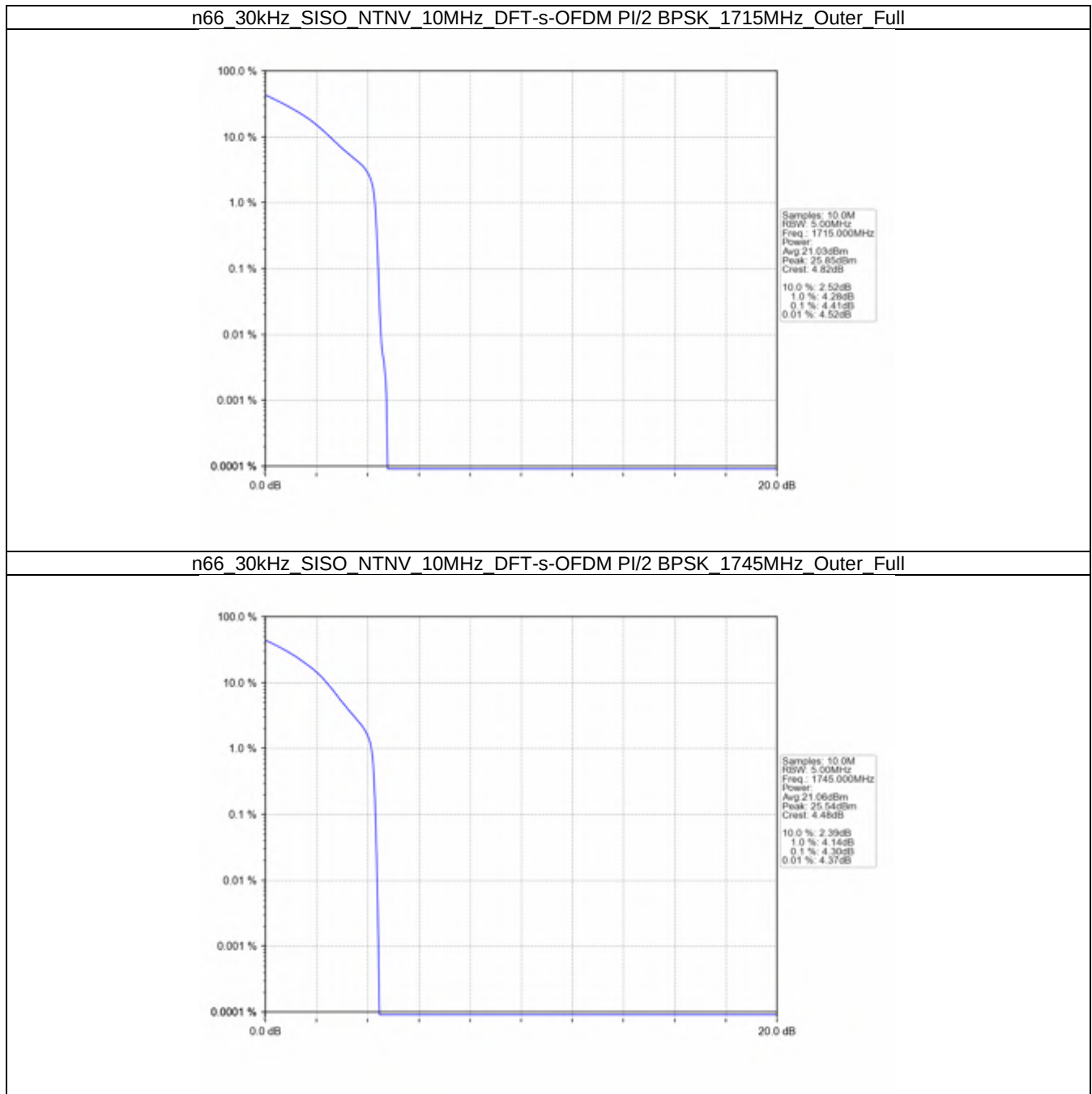
7.8 30k_SISO_10MHz_NTNV

7.8.1 Test Result

5G NR n66 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	1715	Outer_Full	4.41	/	/	<=13	Pass
	1745	Outer_Full	4.30	/	/	<=13	Pass
	1775	Outer_Full	4.28	/	/	<=13	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	5.21	/	/	<=13	Pass
	1745	Outer_Full	5.28	/	/	<=13	Pass
	1775	Outer_Full	5.30	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	6.54	/	/	<=13	Pass
	1745	Outer_Full	6.55	/	/	<=13	Pass
	1775	Outer_Full	6.55	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	6.74	/	/	<=13	Pass
	1745	Outer_Full	6.69	/	/	<=13	Pass
	1775	Outer_Full	6.71	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	6.70	/	/	<=13	Pass
	1745	Outer_Full	6.64	/	/	<=13	Pass
	1775	Outer_Full	6.75	/	/	<=13	Pass
CP-OFDM QPSK	1715	Outer_Full	8.10	/	/	<=13	Pass
	1745	Outer_Full	7.91	/	/	<=13	Pass
	1775	Outer_Full	8.06	/	/	<=13	Pass
CP-OFDM 16 QAM	1715	Outer_Full	7.85	/	/	<=13	Pass
	1745	Outer_Full	7.96	/	/	<=13	Pass
	1775	Outer_Full	7.91	/	/	<=13	Pass
CP-OFDM 64 QAM	1715	Outer_Full	8.35	/	/	<=13	Pass
	1745	Outer_Full	8.42	/	/	<=13	Pass
	1775	Outer_Full	8.37	/	/	<=13	Pass
CP-OFDM 256 QAM	1715	Outer_Full	8.43	/	/	<=13	Pass
	1745	Outer_Full	8.45	/	/	<=13	Pass
	1775	Outer_Full	8.57	/	/	<=13	Pass



7.8.2 Test Graph



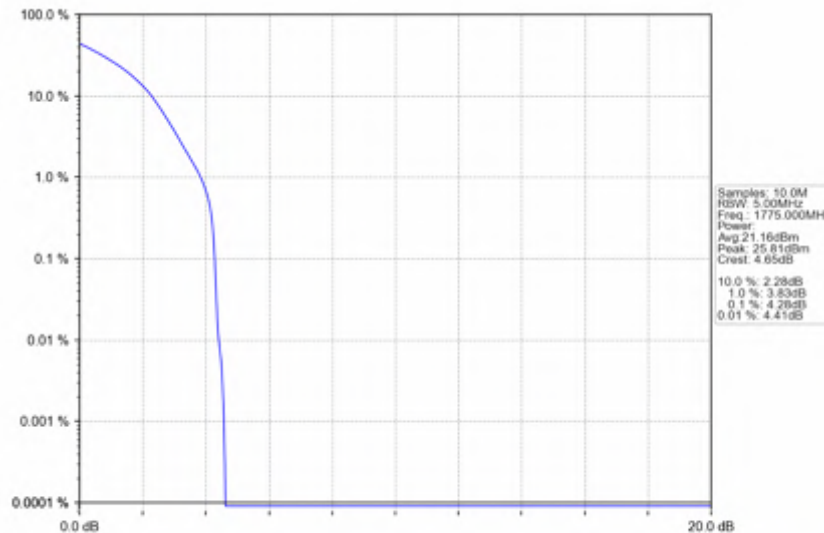
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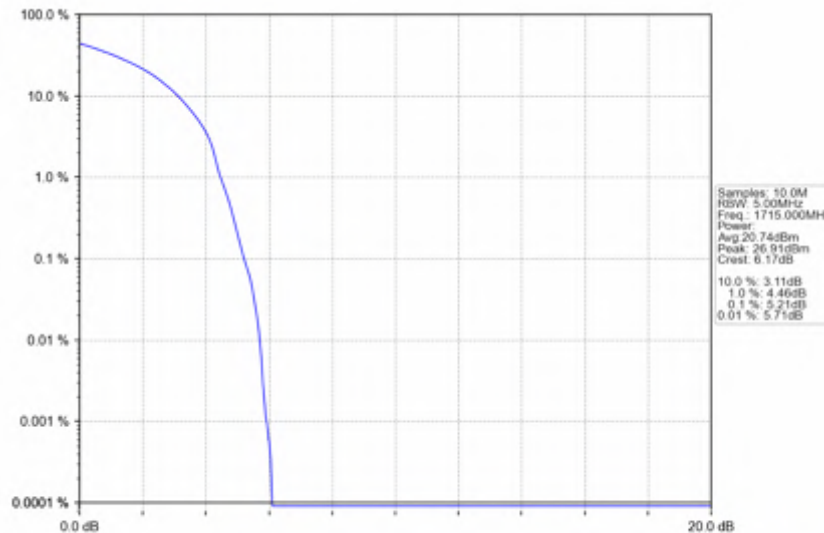
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n66_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Outer_Full



n66_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1715MHz_Outer_Full

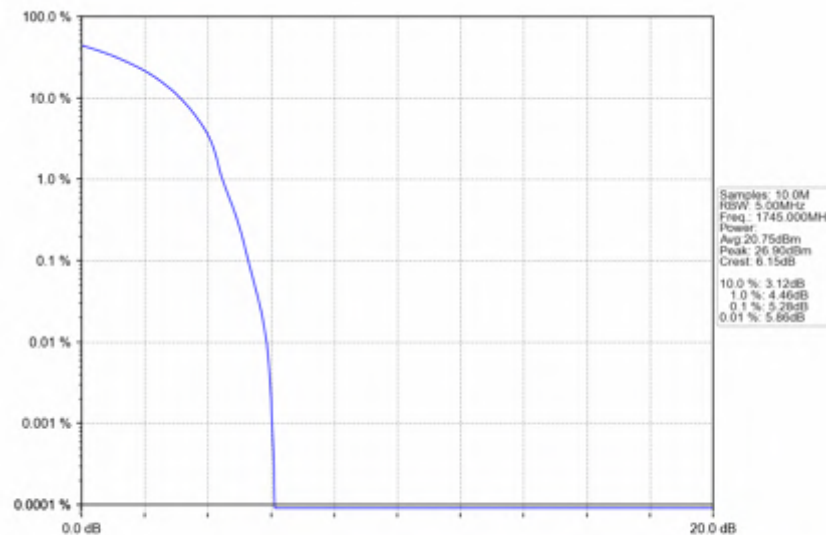


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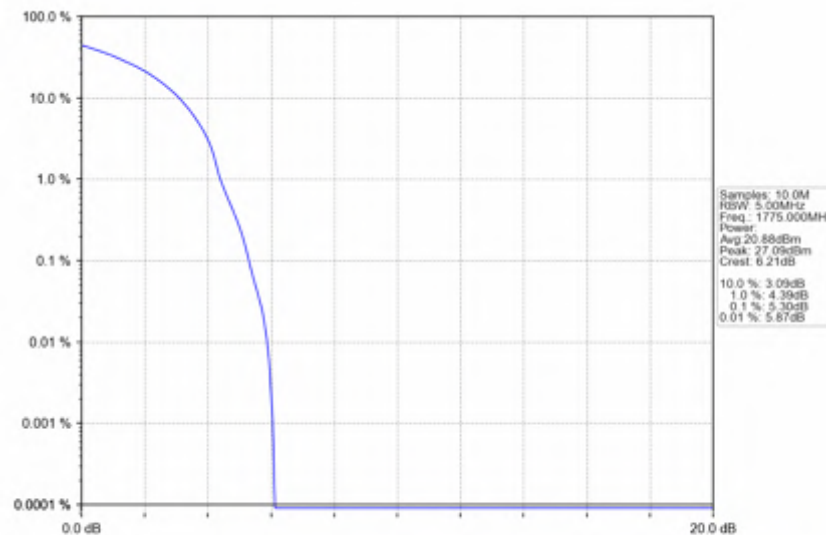
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n66_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1775MHz_Outer_Full

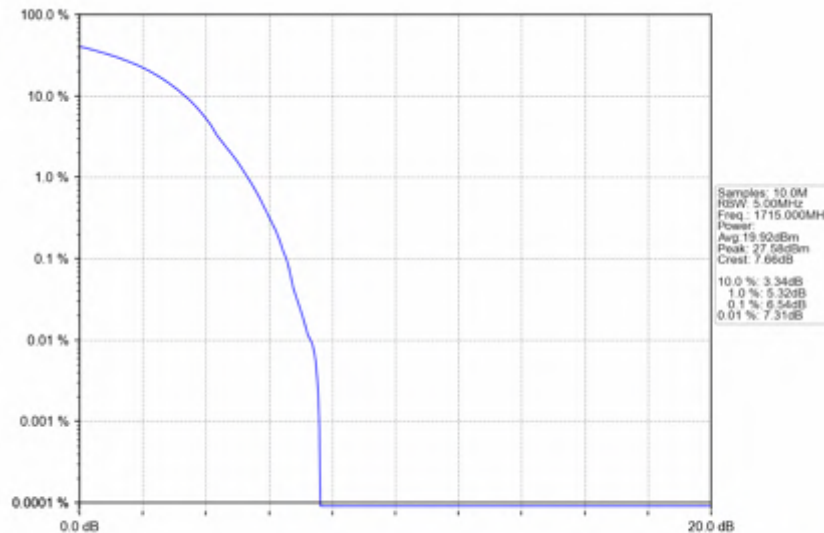


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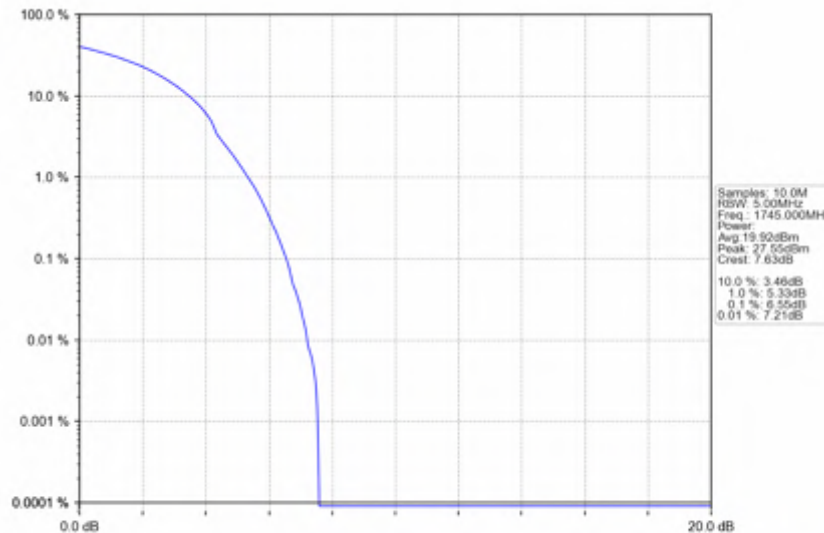
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n66_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1715MHz_Outer_Full



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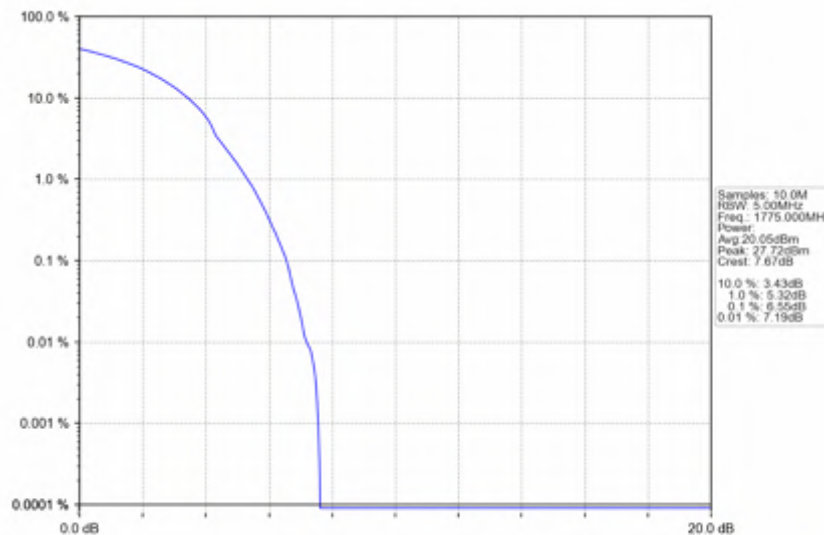
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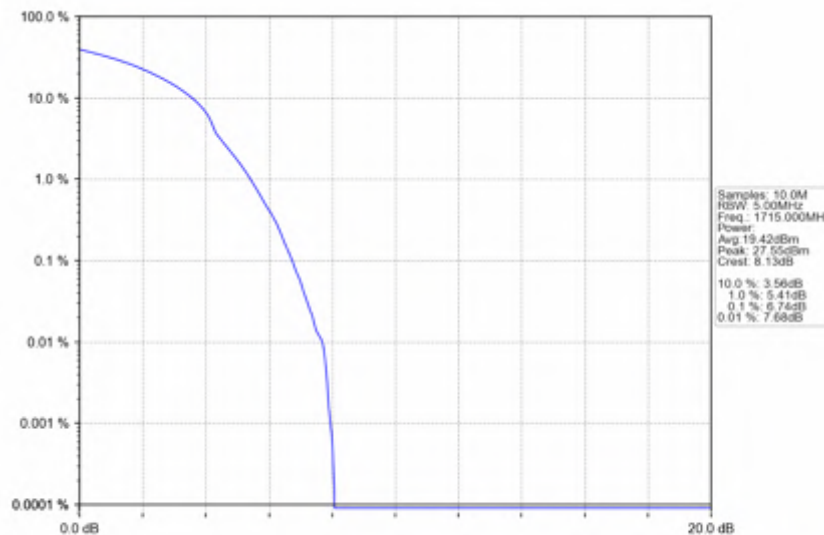
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n66	30kHz	SISO	NTNV	10MHz	DFT-s-OFDM	16 QAM	1775MHz	Outer	Full
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n66 30kHz SISO NTNv 10MHz DFT-s-OFDM 64 QAM 1715MHz Outer Full

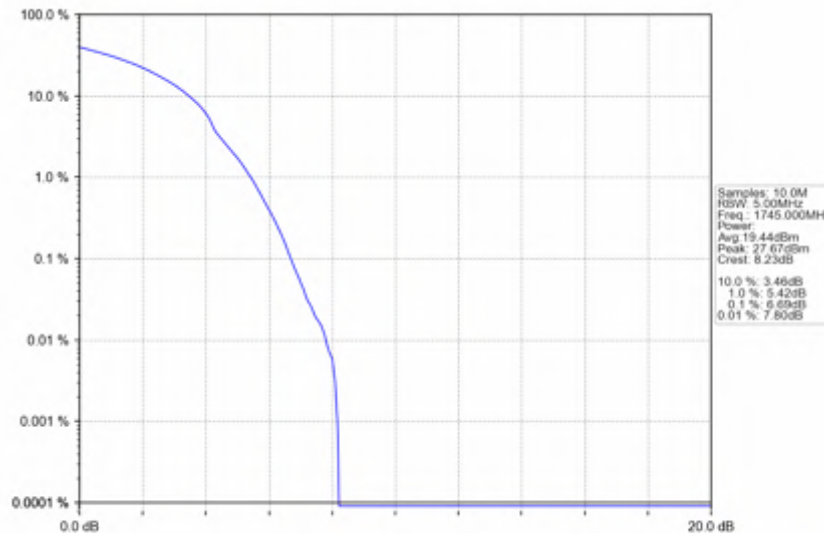


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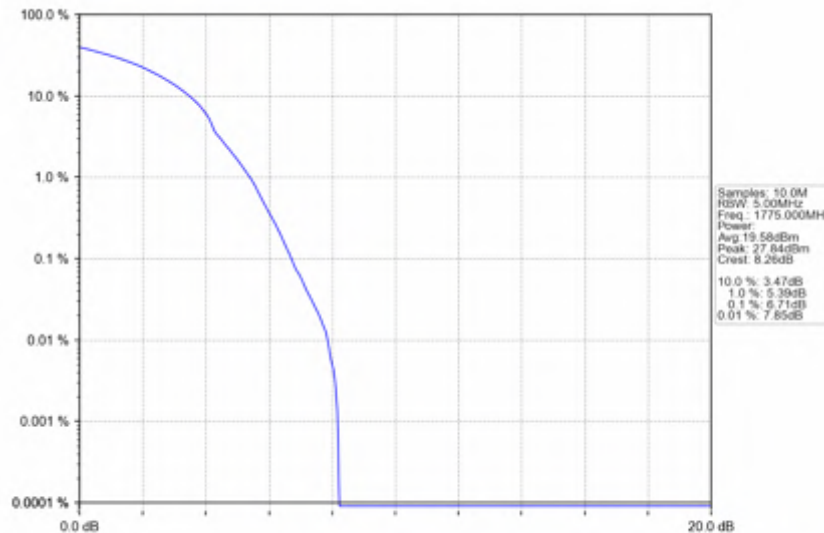
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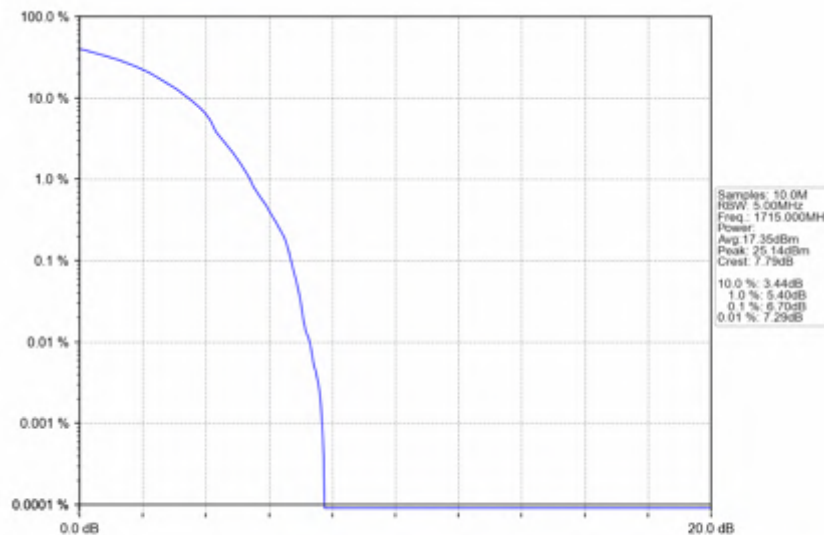
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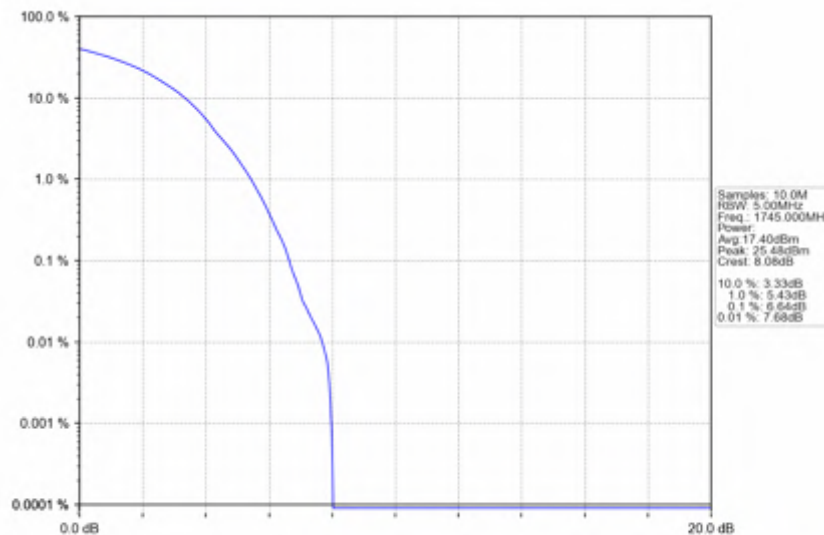
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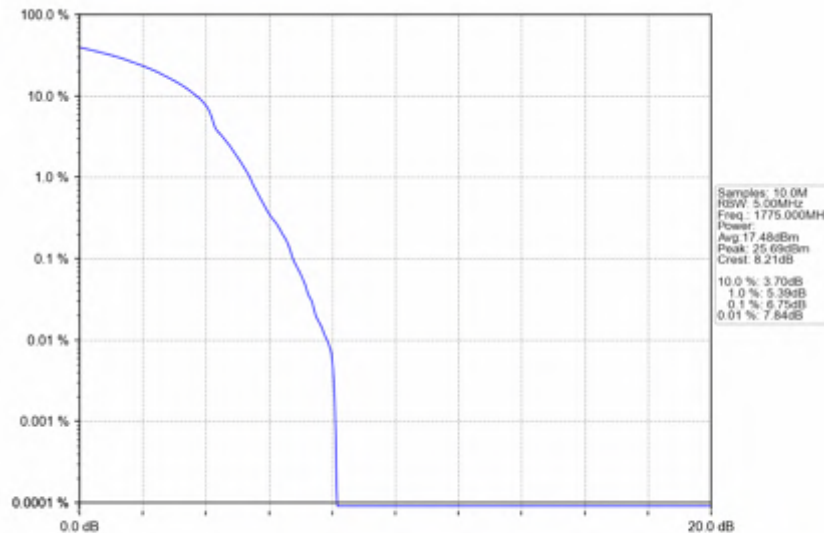
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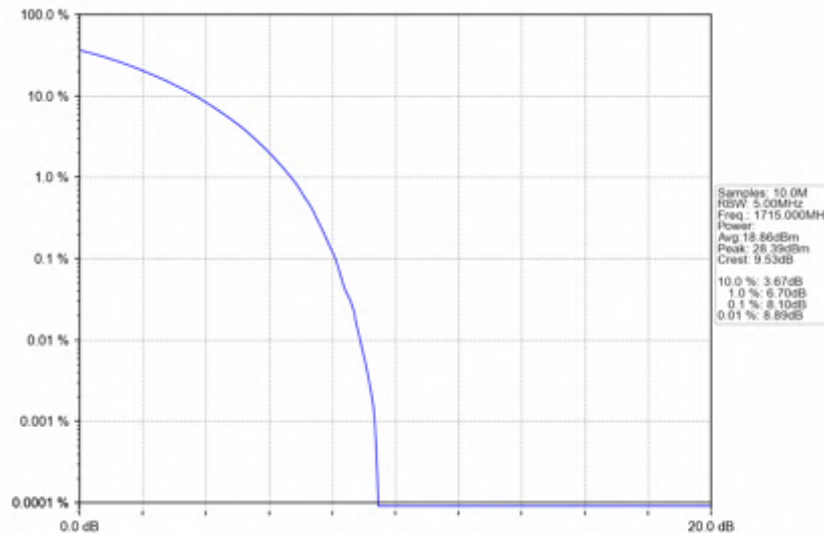
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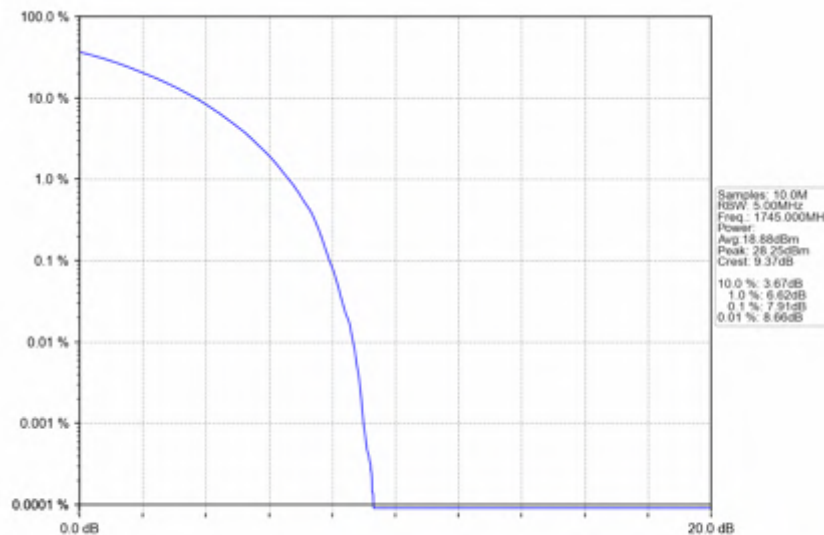


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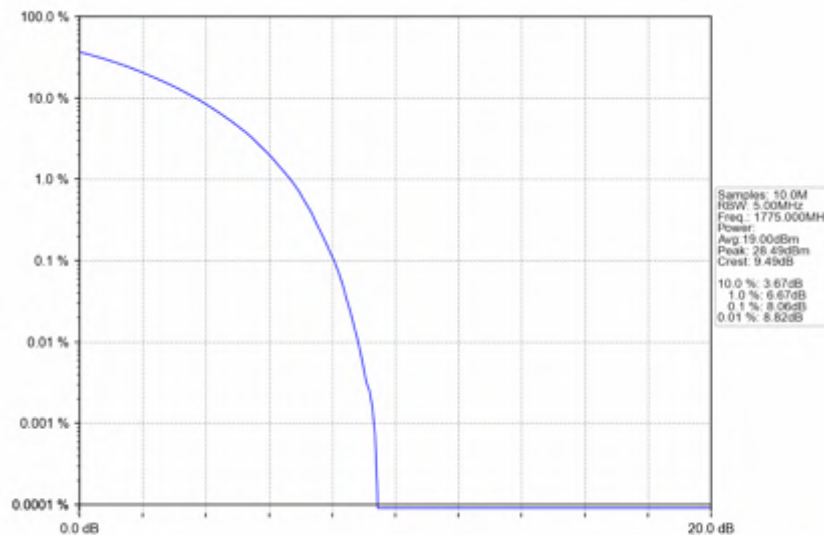
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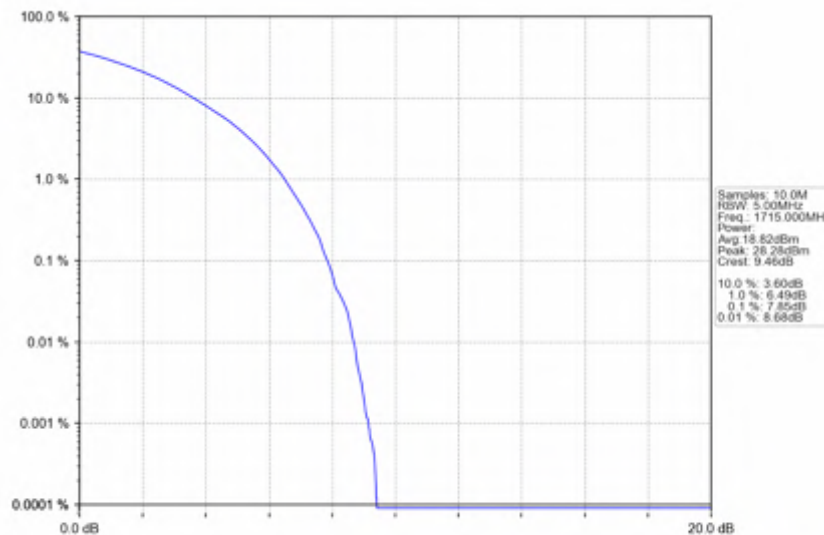
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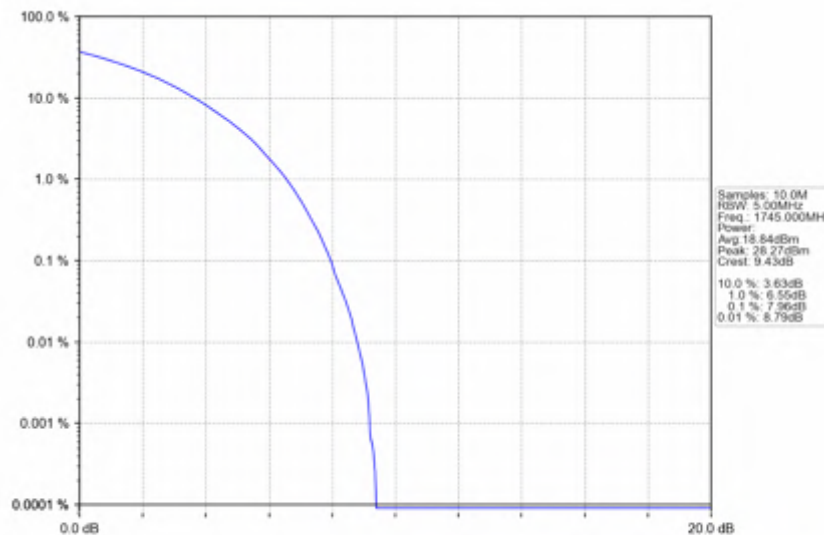
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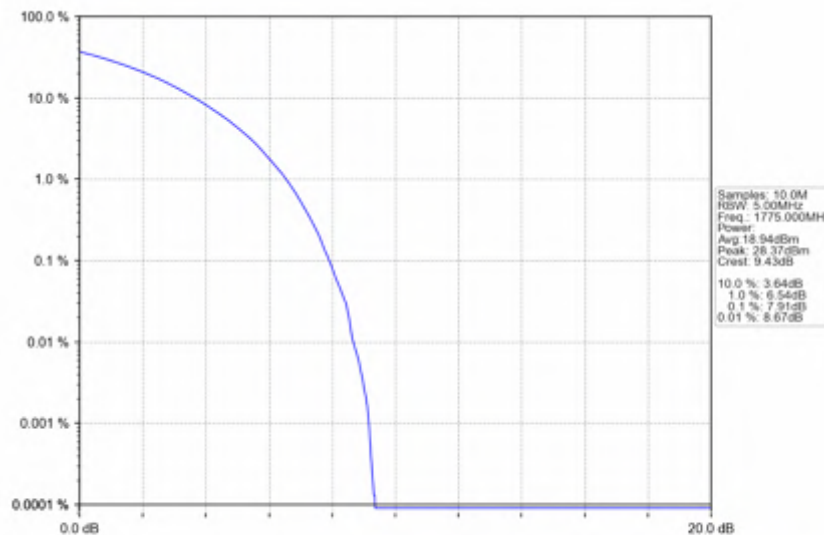


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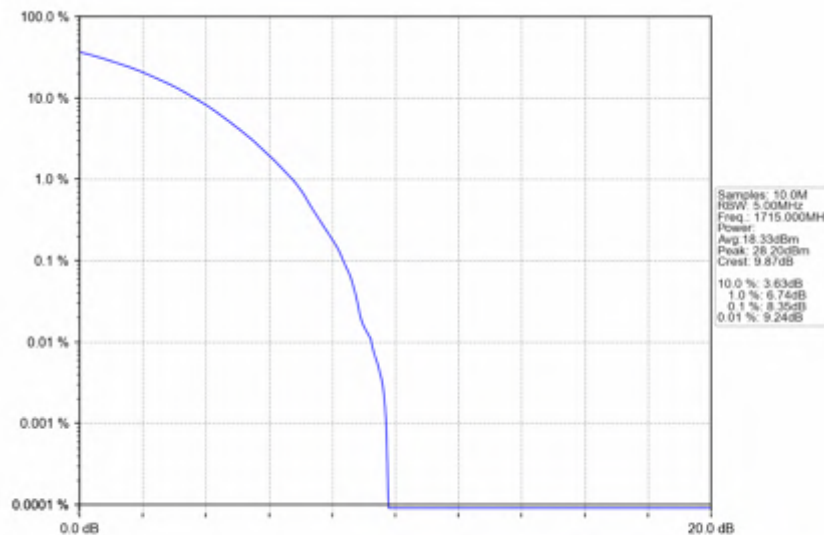
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n66_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1775MHz_Outer_Full



n66_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1715MHz_Outer_Full

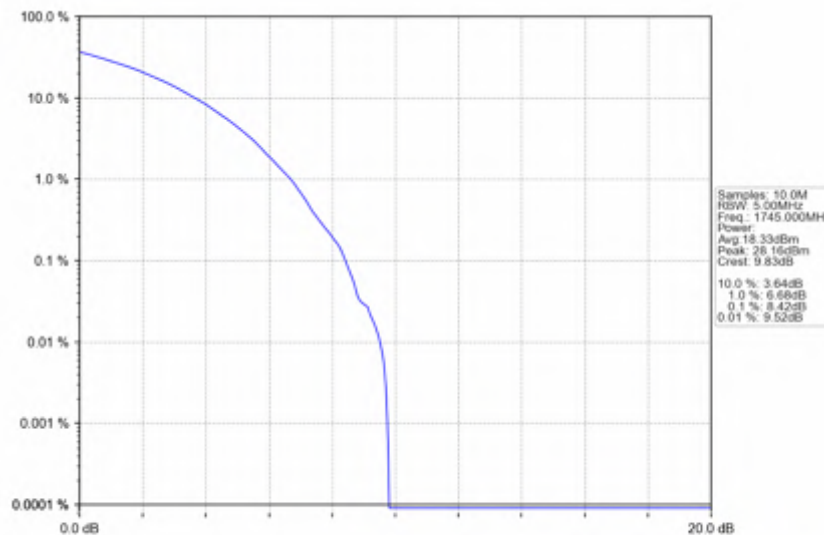


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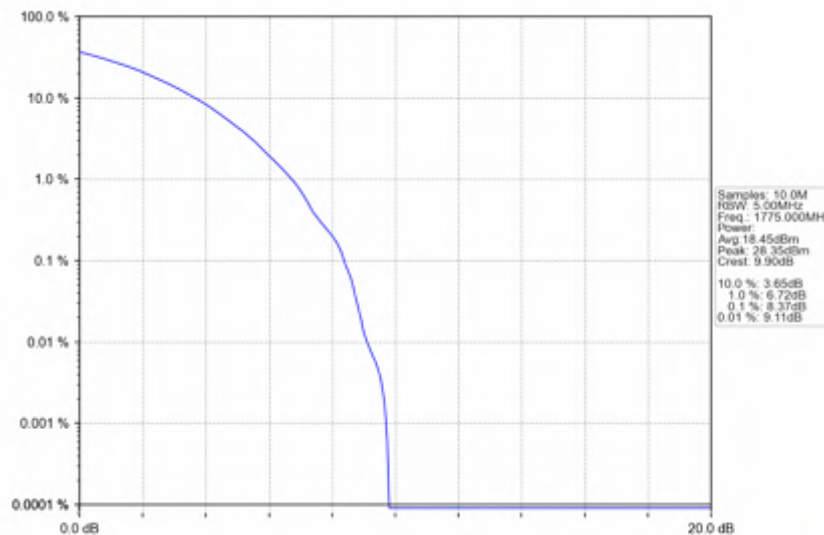
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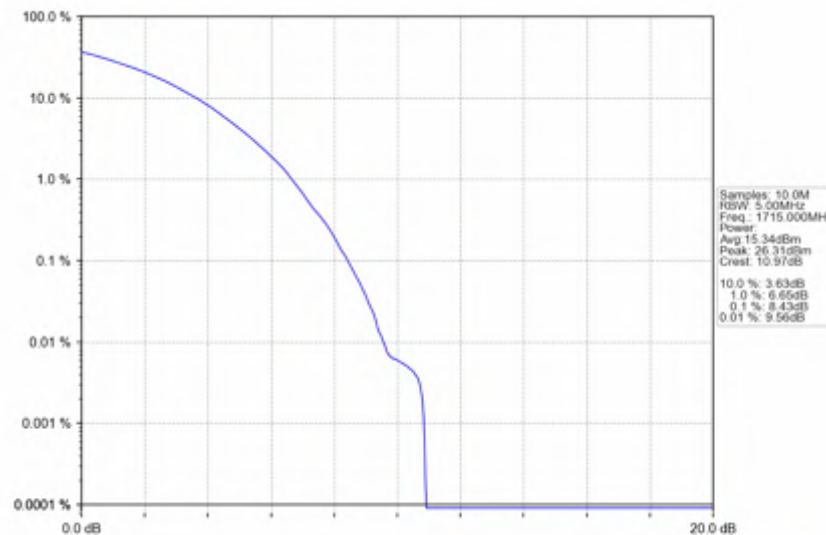


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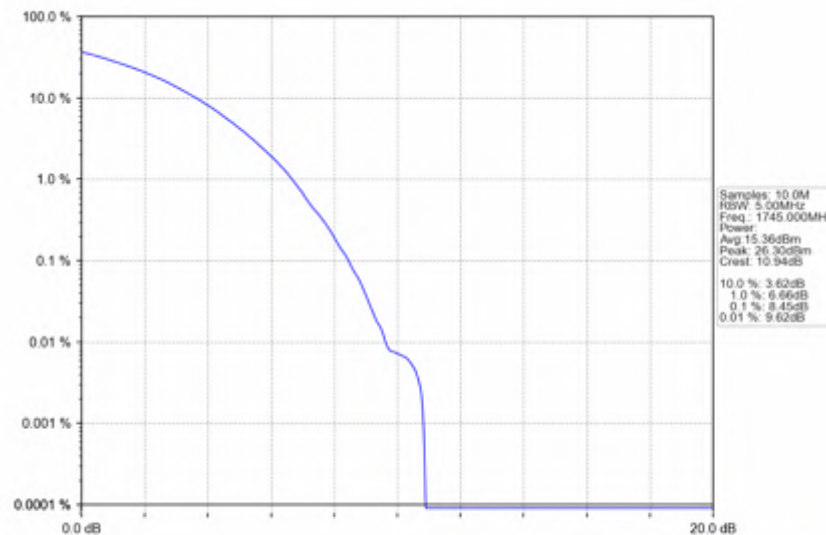
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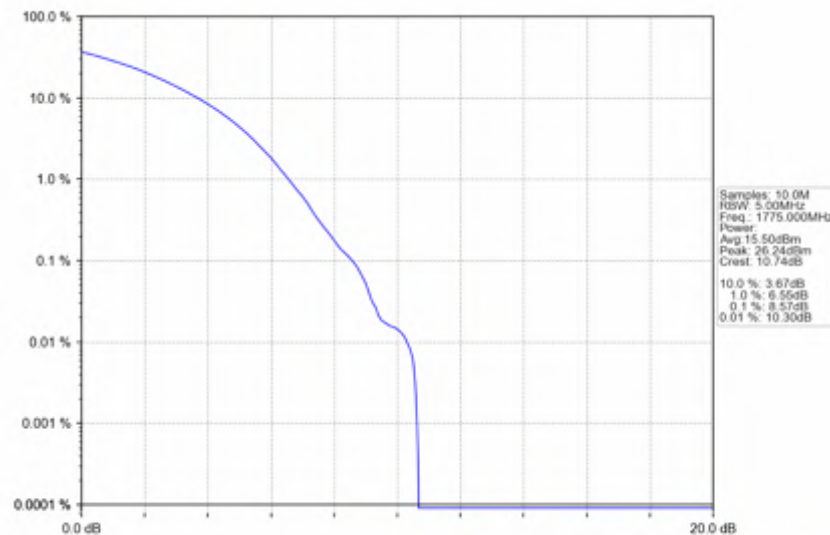


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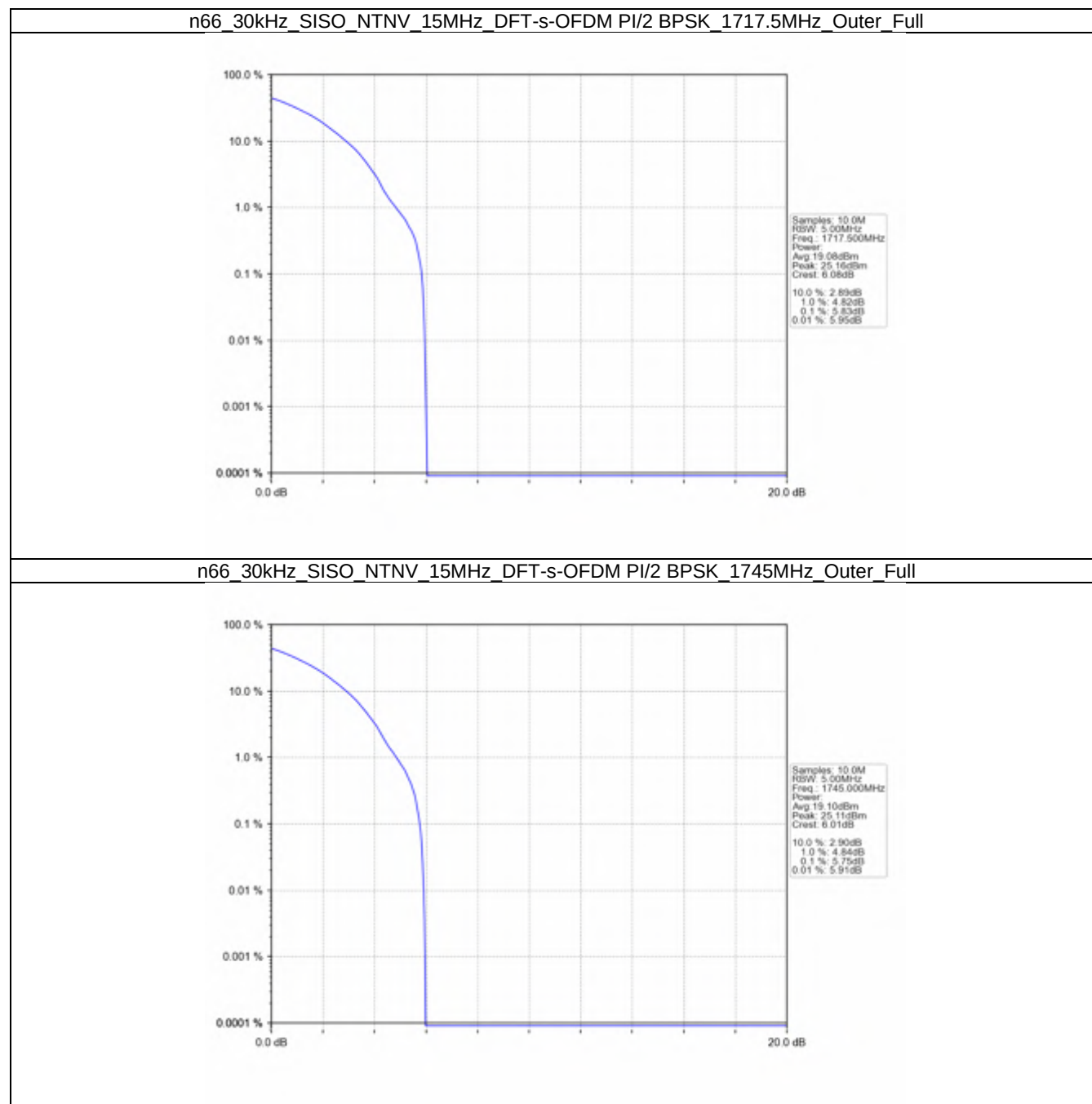
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7.9 30k_SISO_15MHz_NTNV

7.9.1 Test Result

5G NR n66 SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Outer_Full	5.83	/	/	<=13	Pass
	1745	Outer_Full	5.75	/	/	<=13	Pass
	1772.5	Outer_Full	5.77	/	/	<=13	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	6.08	/	/	<=13	Pass
	1745	Outer_Full	6.11	/	/	<=13	Pass
	1772.5	Outer_Full	6.16	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	6.97	/	/	<=13	Pass
	1745	Outer_Full	6.92	/	/	<=13	Pass
	1772.5	Outer_Full	6.91	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	7.32	/	/	<=13	Pass
	1745	Outer_Full	7.36	/	/	<=13	Pass
	1772.5	Outer_Full	7.24	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	7.10	/	/	<=13	Pass
	1745	Outer_Full	7.25	/	/	<=13	Pass
	1772.5	Outer_Full	7.35	/	/	<=13	Pass
CP-OFDM QPSK	1717.5	Outer_Full	8.23	/	/	<=13	Pass
	1745	Outer_Full	8.31	/	/	<=13	Pass
	1772.5	Outer_Full	8.27	/	/	<=13	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	8.36	/	/	<=13	Pass
	1745	Outer_Full	8.32	/	/	<=13	Pass
	1772.5	Outer_Full	8.21	/	/	<=13	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	8.47	/	/	<=13	Pass
	1745	Outer_Full	8.48	/	/	<=13	Pass
	1772.5	Outer_Full	8.45	/	/	<=13	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	8.48	/	/	<=13	Pass
	1745	Outer_Full	8.58	/	/	<=13	Pass
	1772.5	Outer_Full	8.57	/	/	<=13	Pass

7.9.2 Test Graph

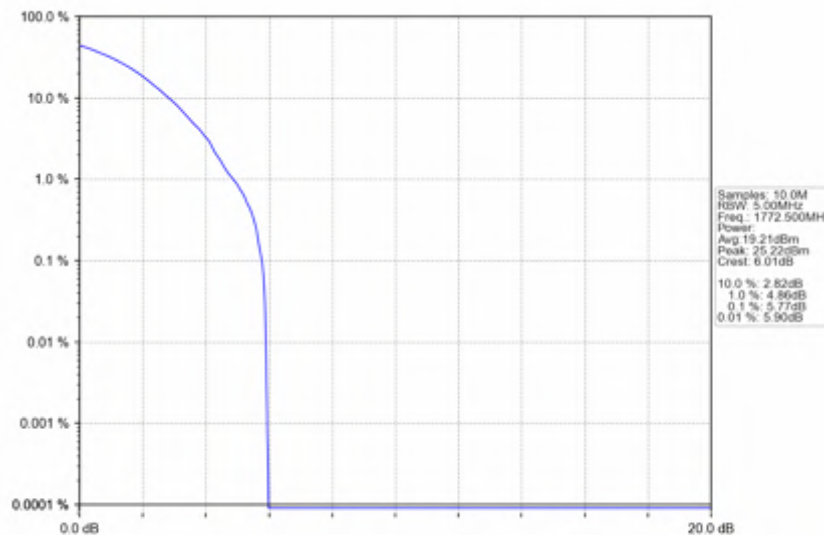


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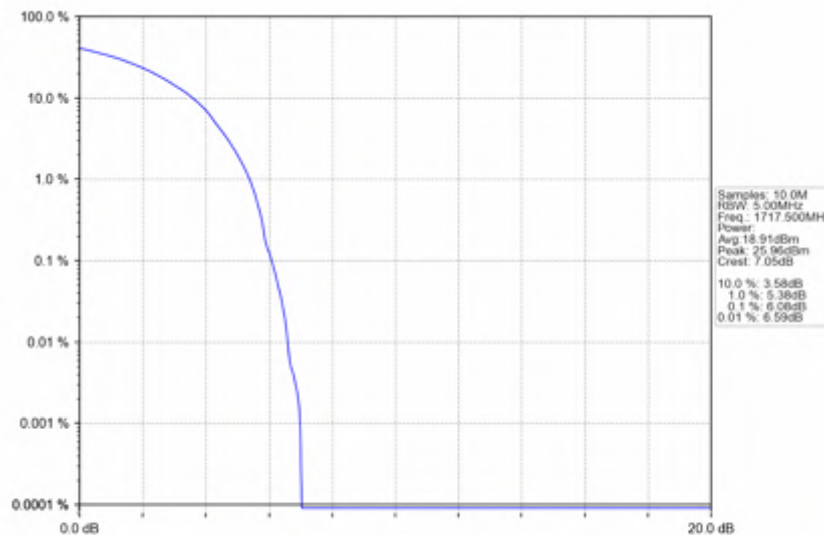
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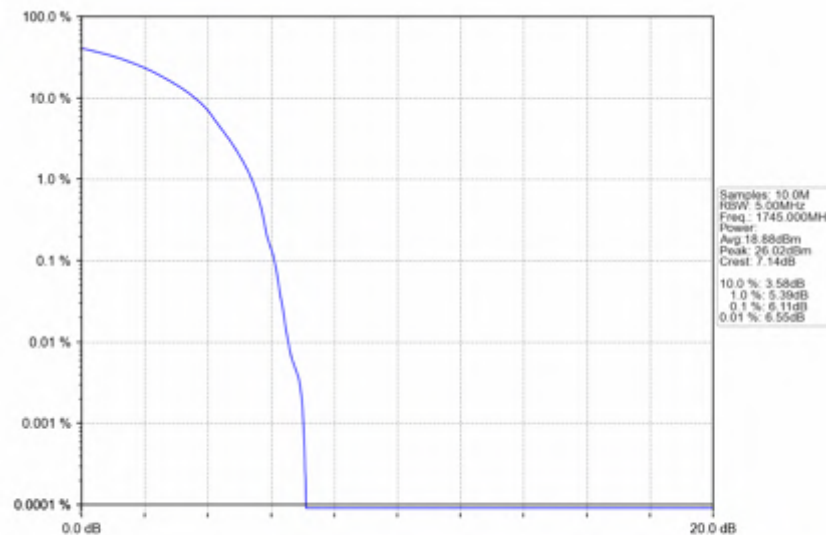
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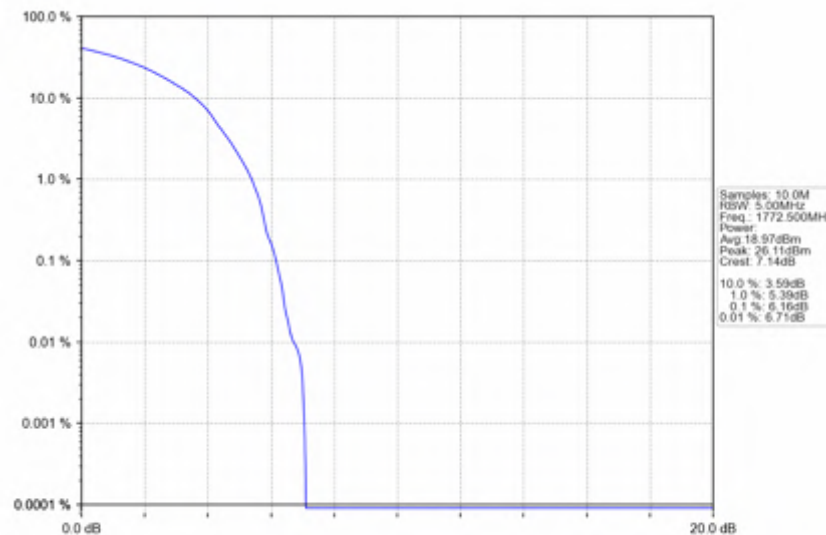
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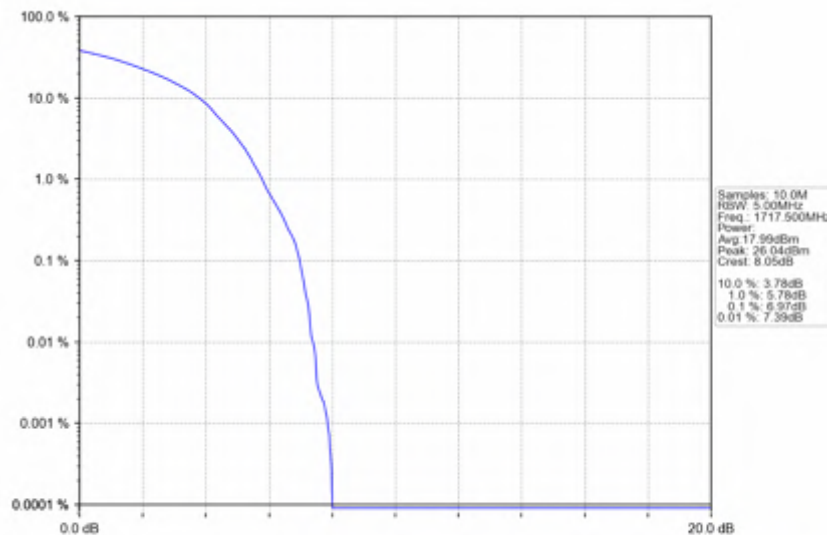
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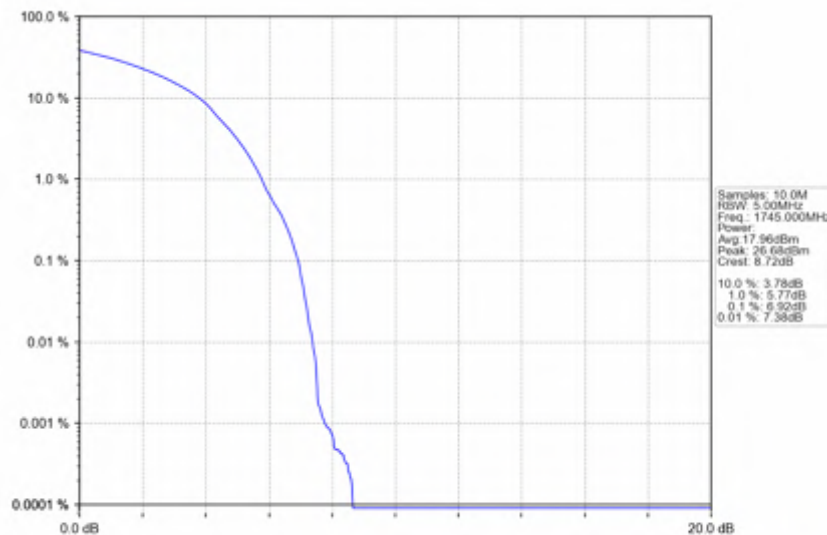
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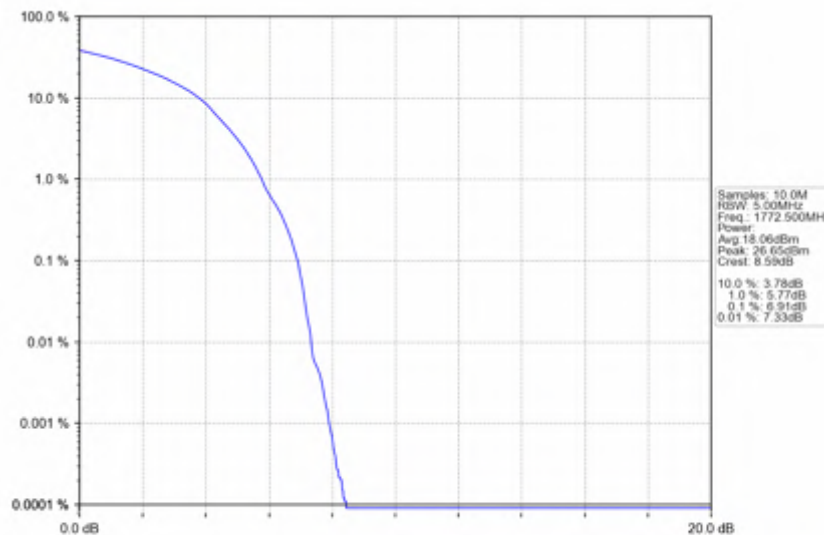


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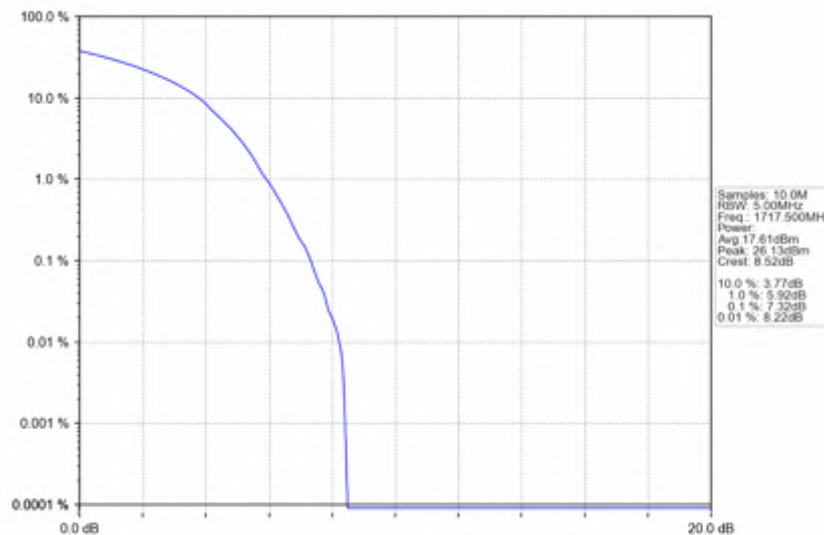
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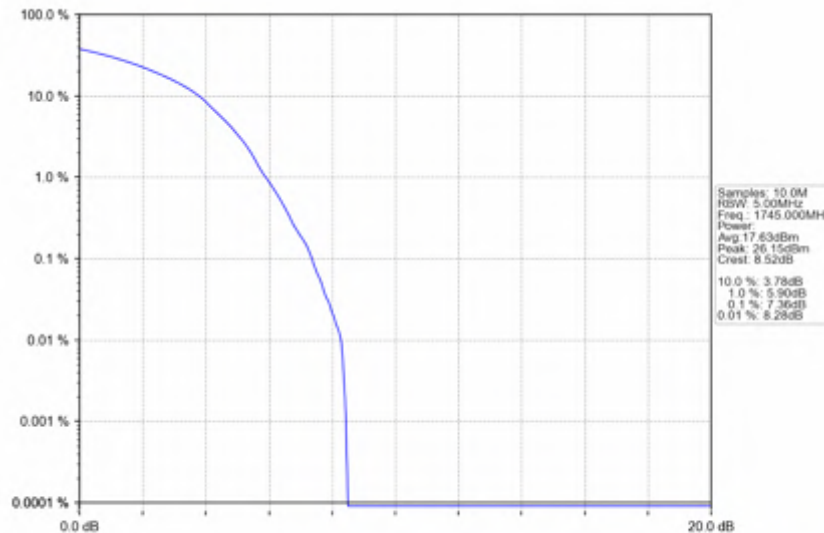


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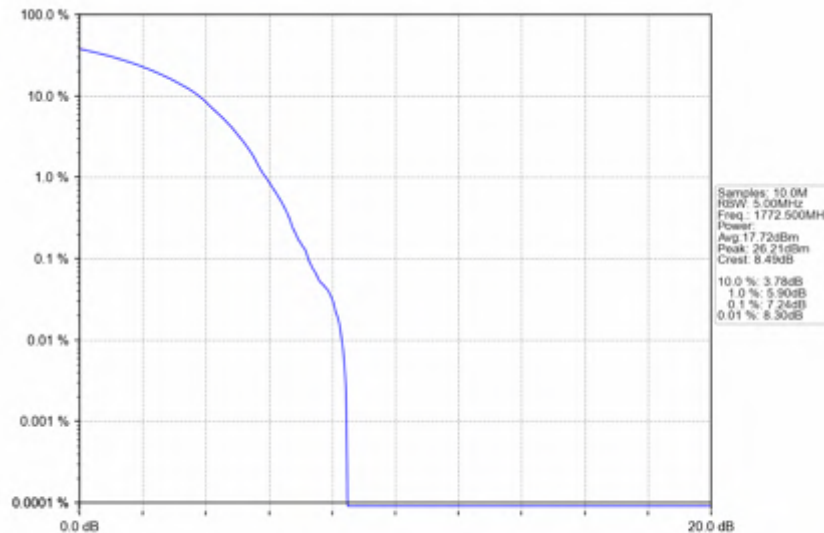
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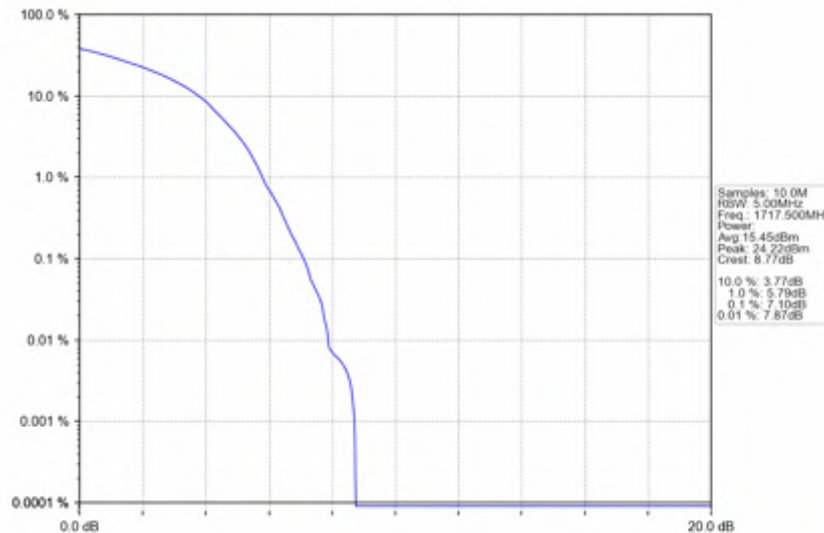
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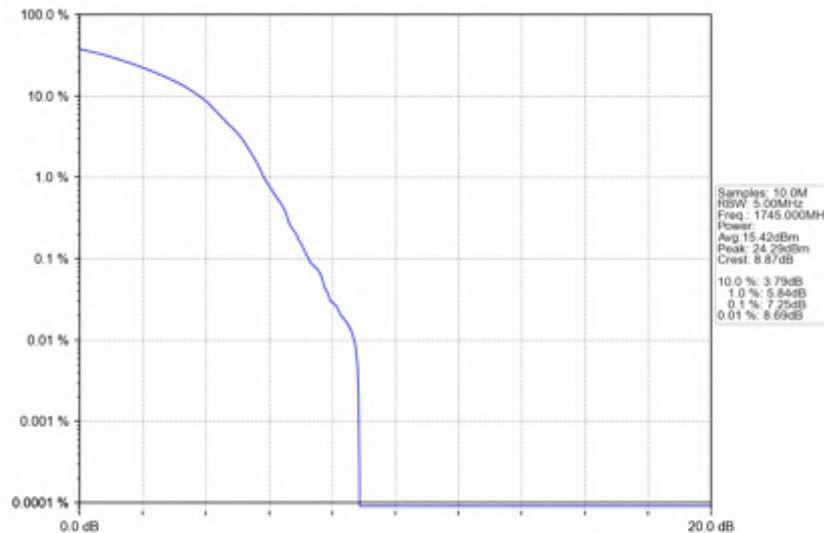
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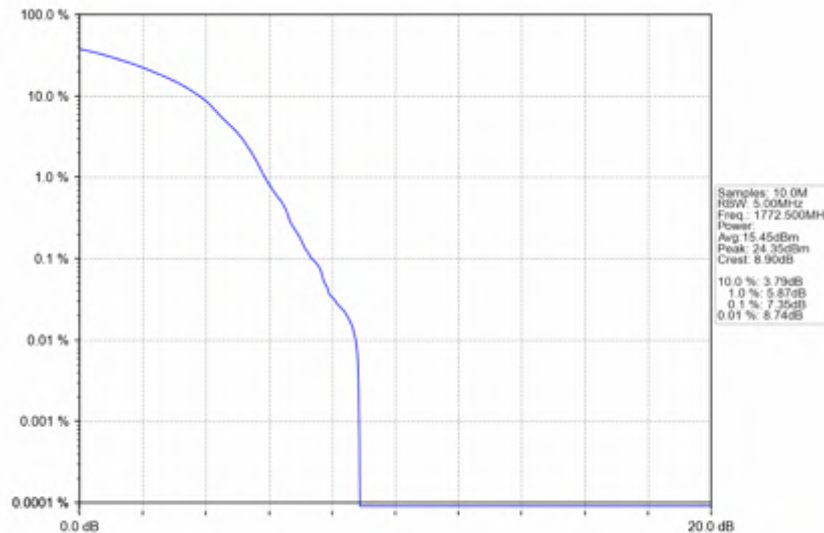


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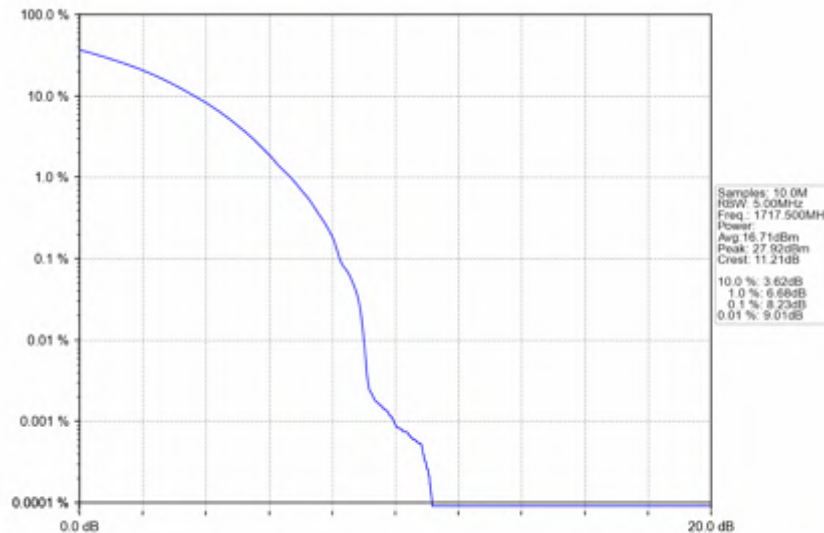
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n66_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1772.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1717.5MHz_Outer_Full

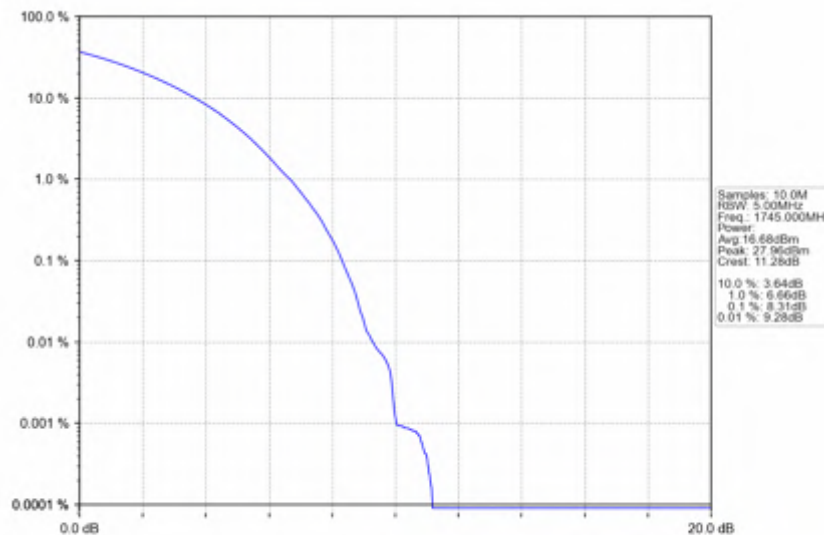


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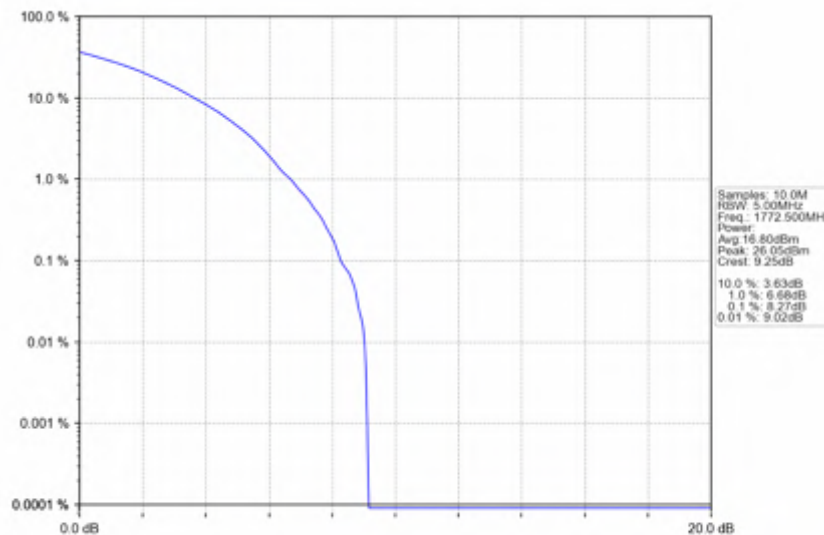
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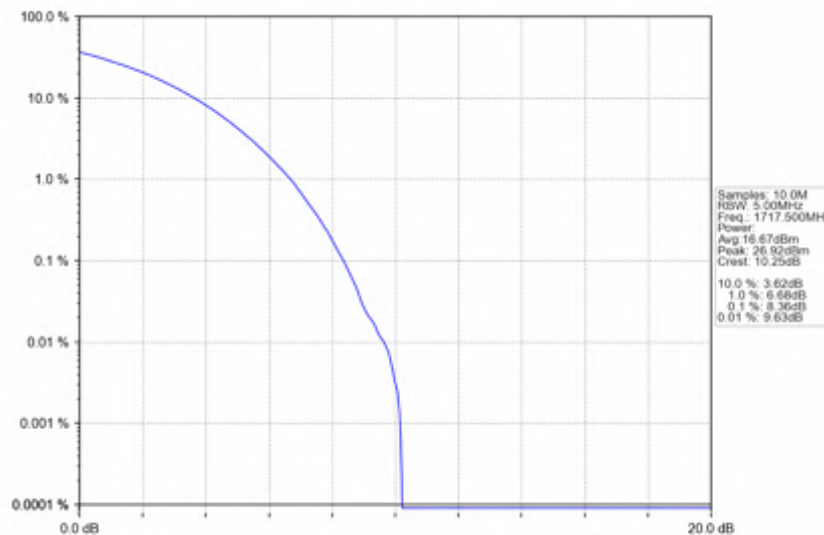


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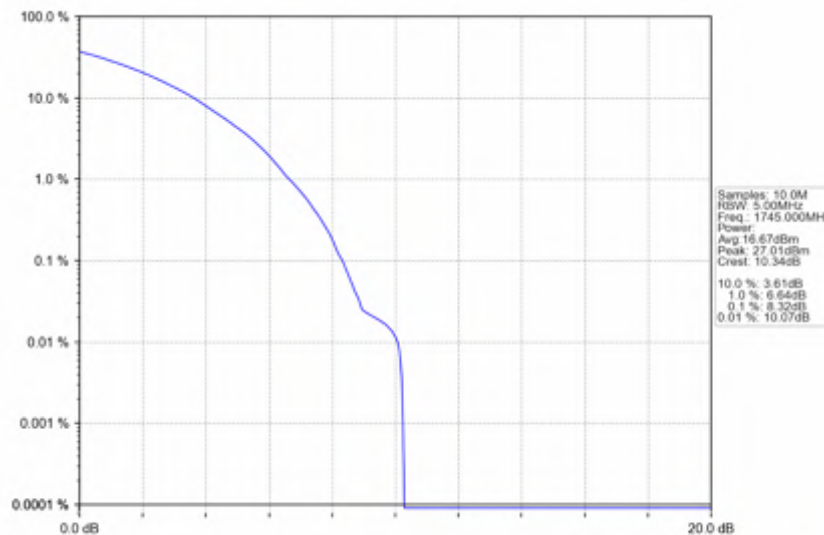
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n66_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_1745MHz_Outer_Full

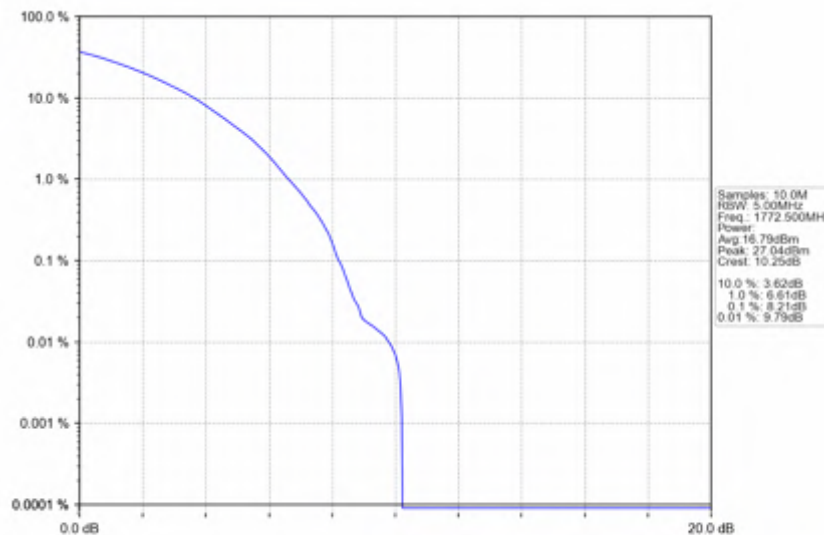


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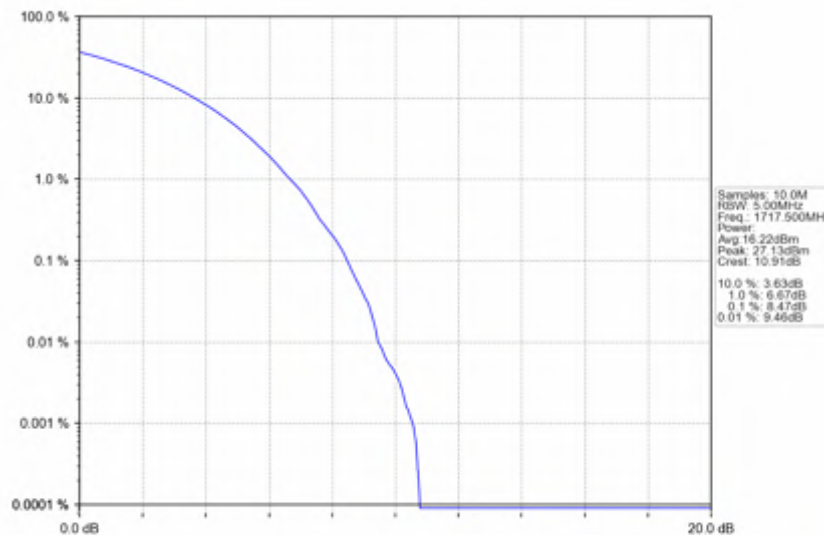
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n66_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1772.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1717.5MHz_Outer_Full



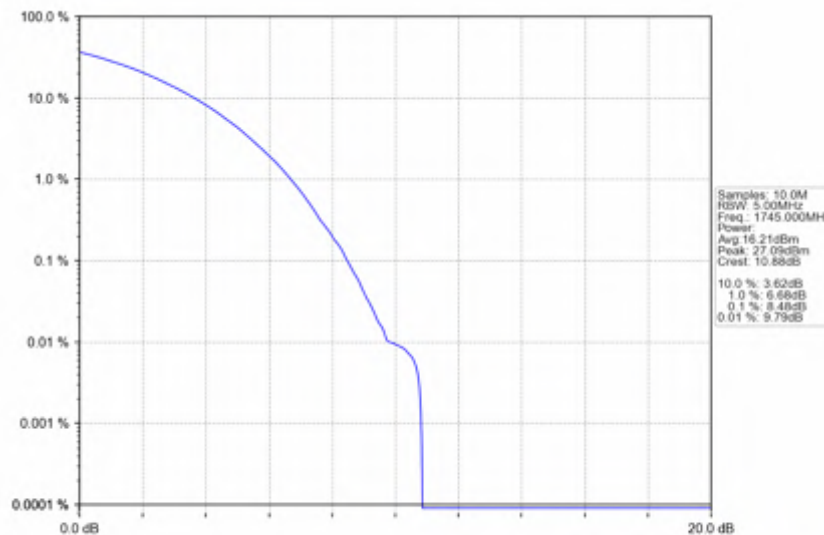
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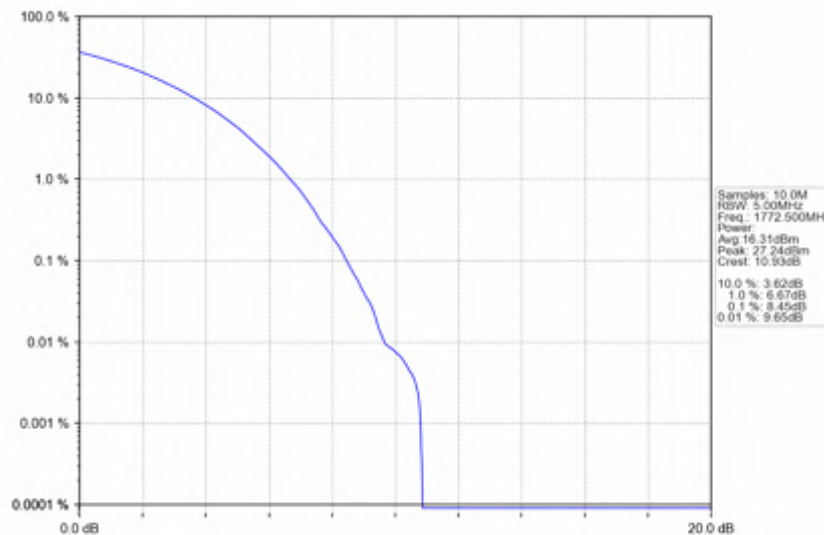
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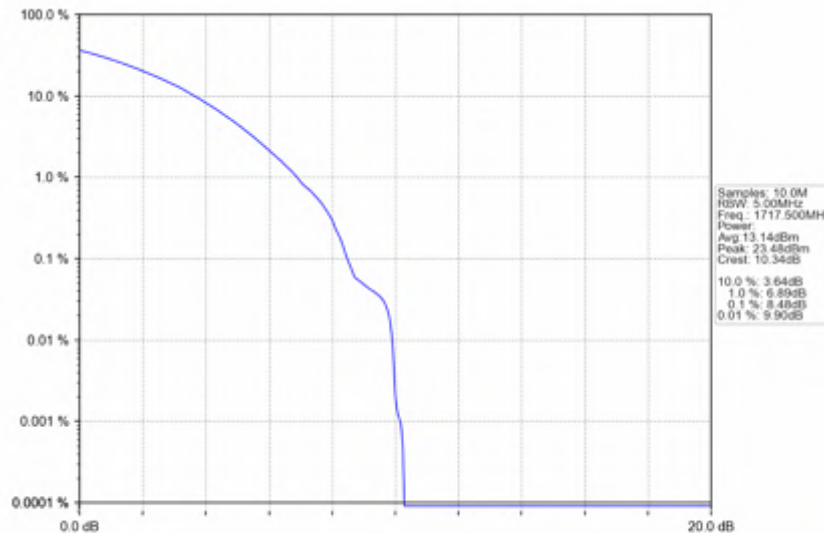


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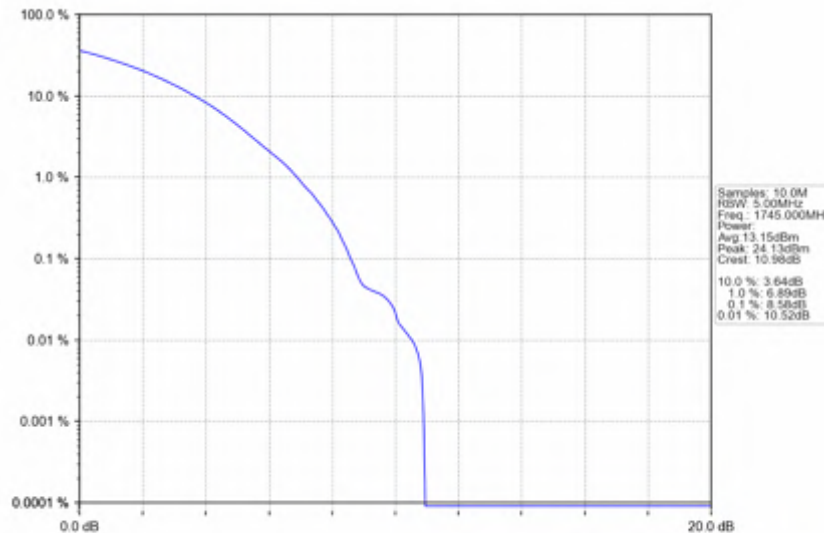
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n66_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1717.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full

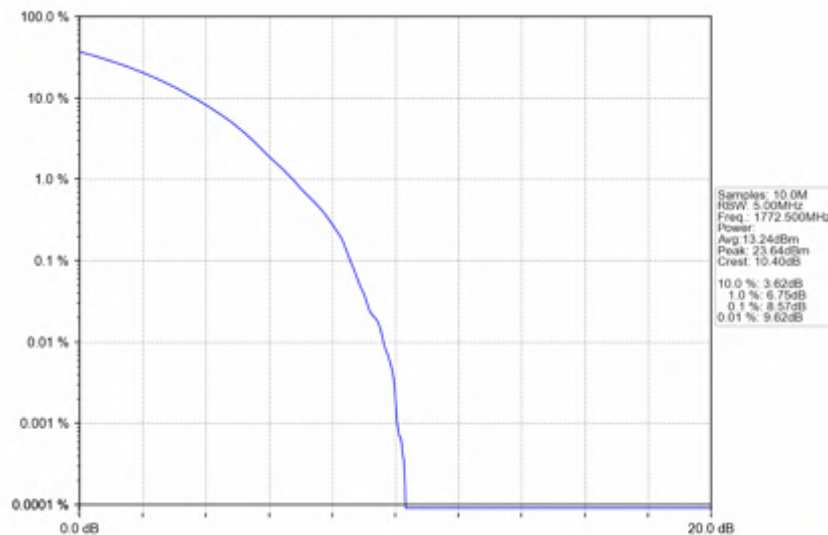


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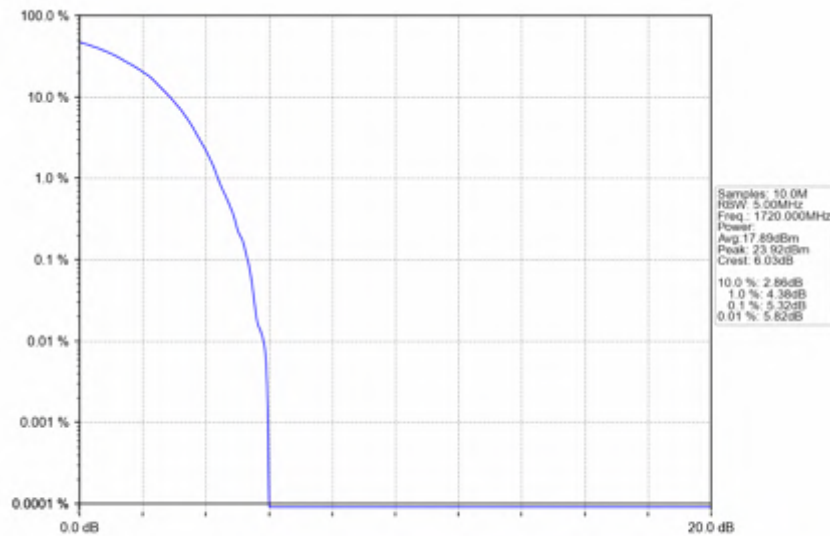
7.10 30k_SISO_20MHz_NTNV

7.10.1 Test Result

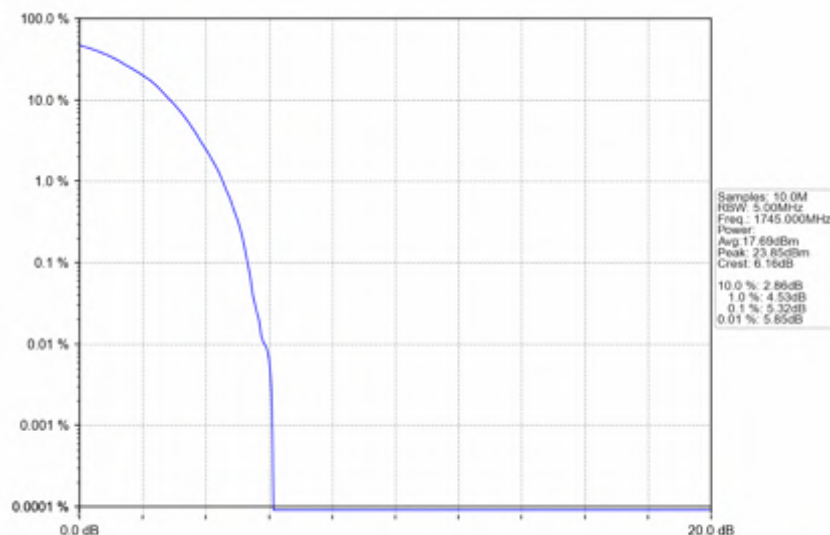
5G NR n66 SCS=30kHz SISO 20MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	5.32	/	/	<=13	Pass
	1745	Outer_Full	5.32	/	/	<=13	Pass
	1770	Outer_Full	5.34	/	/	<=13	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	6.52	/	/	<=13	Pass
	1745	Outer_Full	6.69	/	/	<=13	Pass
	1770	Outer_Full	6.52	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	7.25	/	/	<=13	Pass
	1745	Outer_Full	7.38	/	/	<=13	Pass
	1770	Outer_Full	7.43	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	7.59	/	/	<=13	Pass
	1745	Outer_Full	7.52	/	/	<=13	Pass
	1770	Outer_Full	7.42	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	7.39	/	/	<=13	Pass
	1745	Outer_Full	7.86	/	/	<=13	Pass
	1770	Outer_Full	7.84	/	/	<=13	Pass
CP-OFDM QPSK	1720	Outer_Full	8.38	/	/	<=13	Pass
	1745	Outer_Full	8.49	/	/	<=13	Pass
	1770	Outer_Full	8.45	/	/	<=13	Pass
CP-OFDM 16 QAM	1720	Outer_Full	8.88	/	/	<=13	Pass
	1745	Outer_Full	8.64	/	/	<=13	Pass
	1770	Outer_Full	8.63	/	/	<=13	Pass
CP-OFDM 64 QAM	1720	Outer_Full	8.30	/	/	<=13	Pass
	1745	Outer_Full	8.30	/	/	<=13	Pass
	1770	Outer_Full	8.29	/	/	<=13	Pass
CP-OFDM 256 QAM	1720	Outer_Full	8.44	/	/	<=13	Pass
	1745	Outer_Full	8.36	/	/	<=13	Pass
	1770	Outer_Full	8.33	/	/	<=13	Pass

7.10.2 Test Graph

n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_1720MHz_Outer_Full



n66 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 1745MHz Outer Full

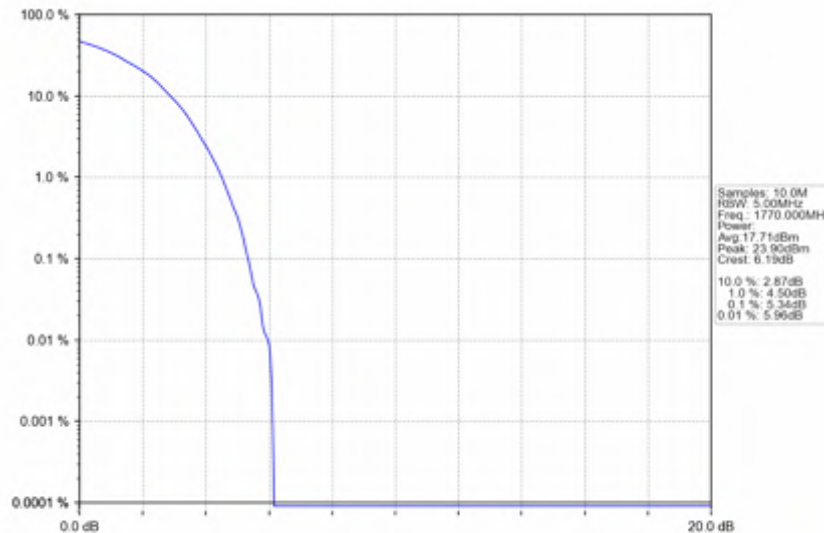


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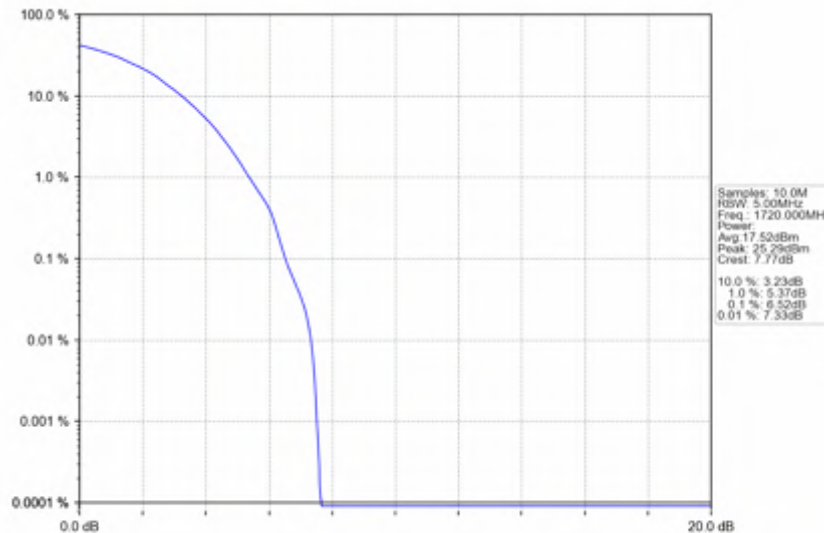
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n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1720MHz_Outer_Full

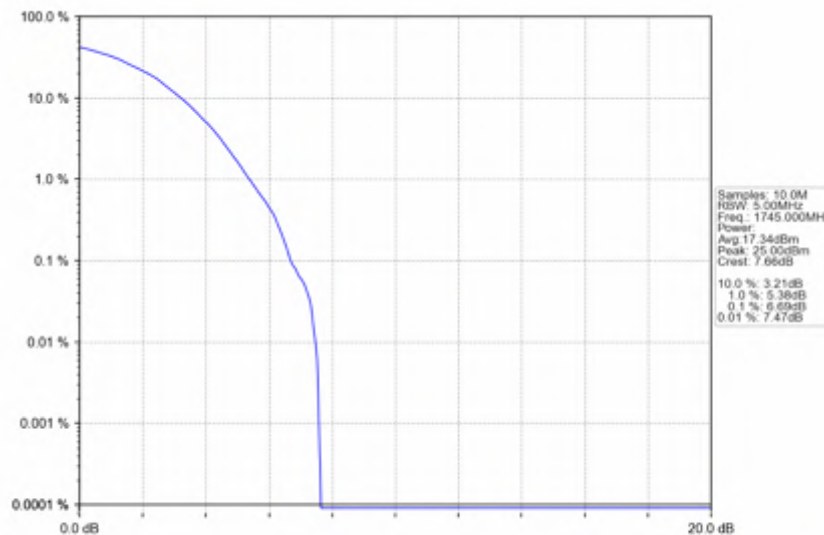


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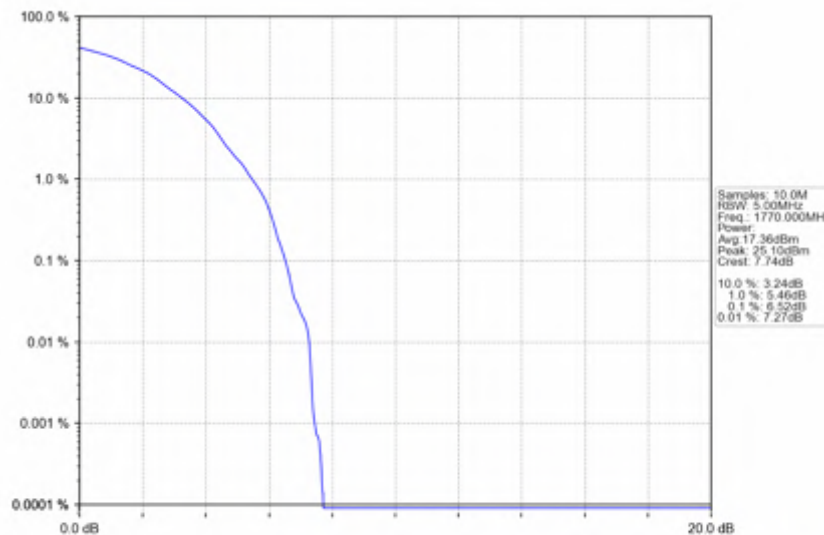
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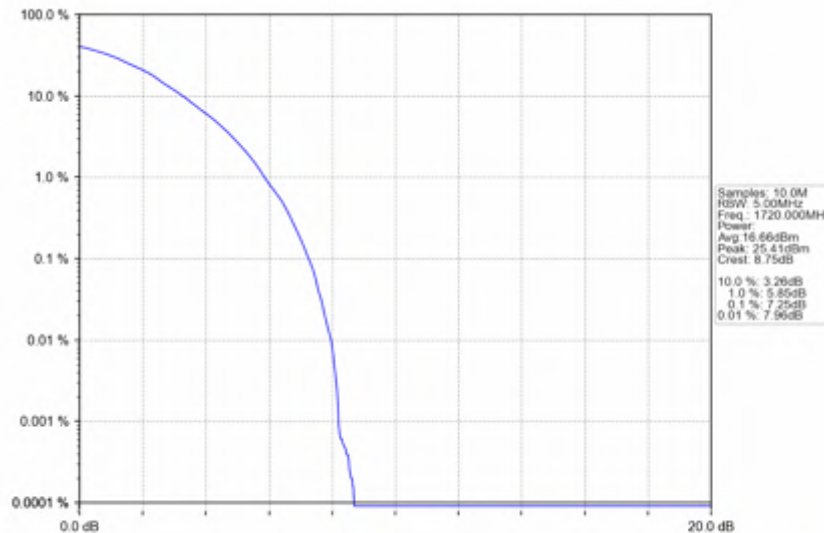


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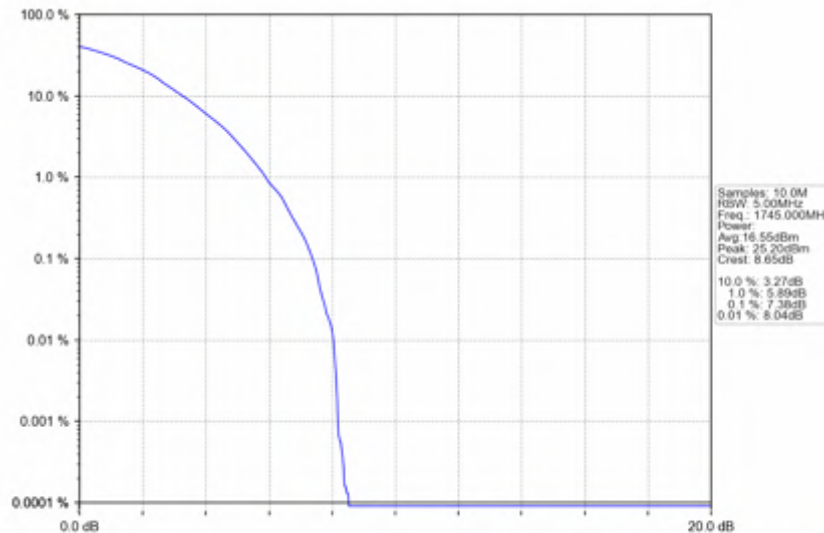
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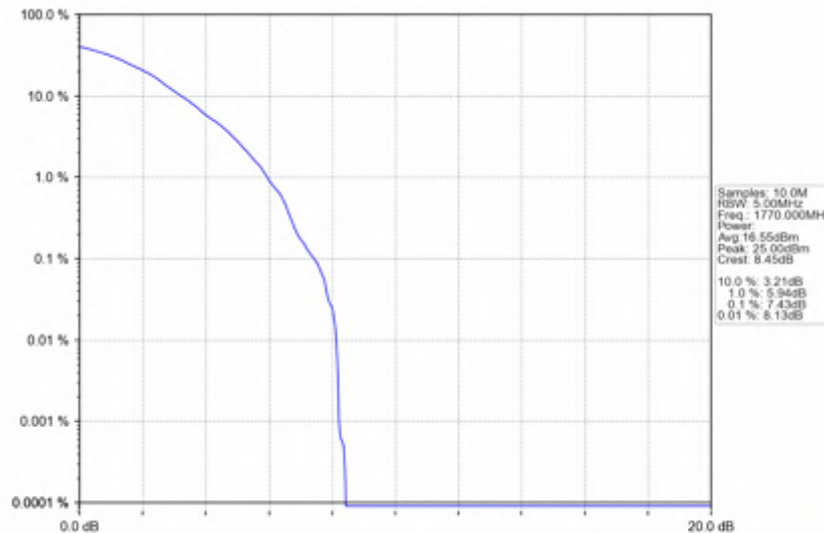


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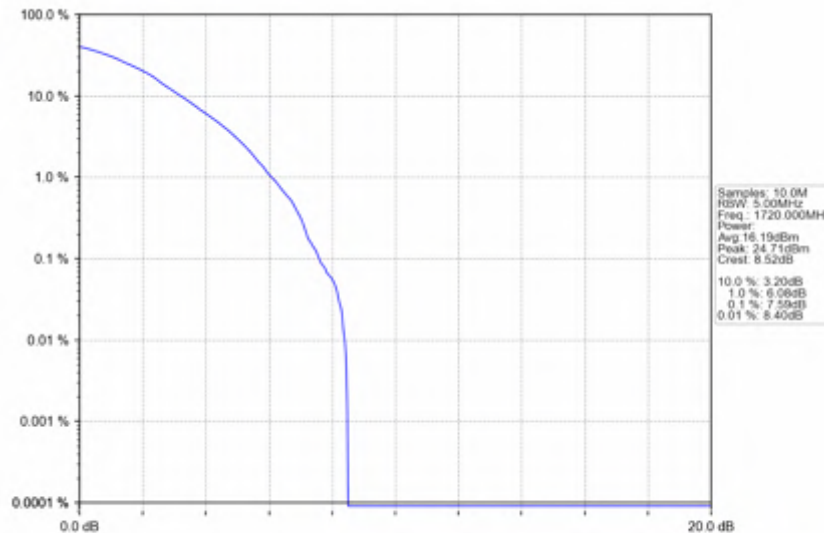
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n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1770MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1720MHz_Outer_Full

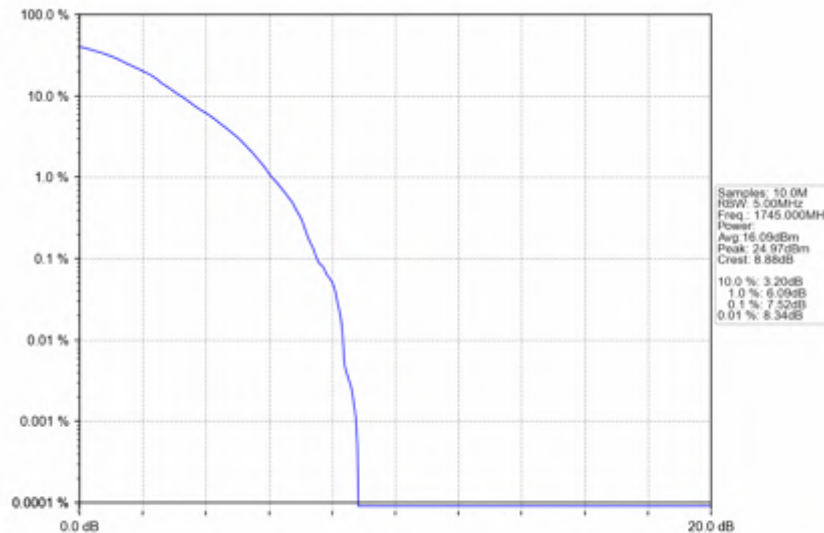


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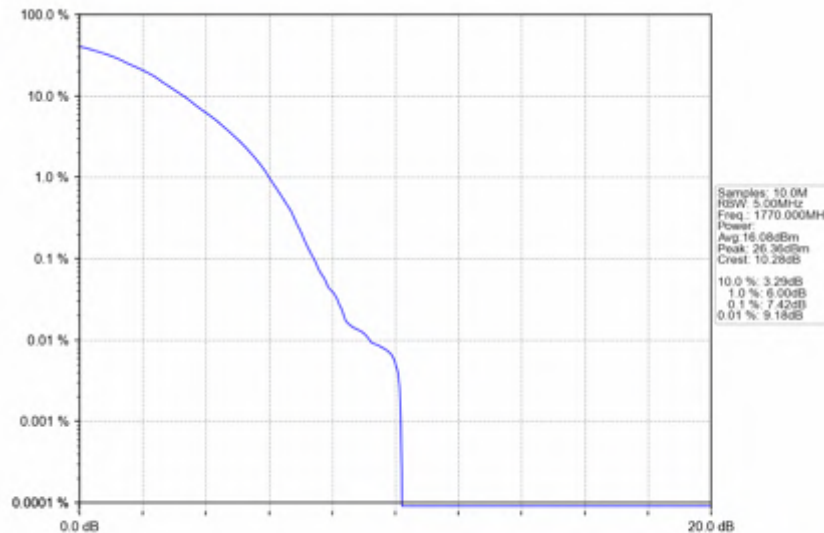
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n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1745MHz_Outer_Full



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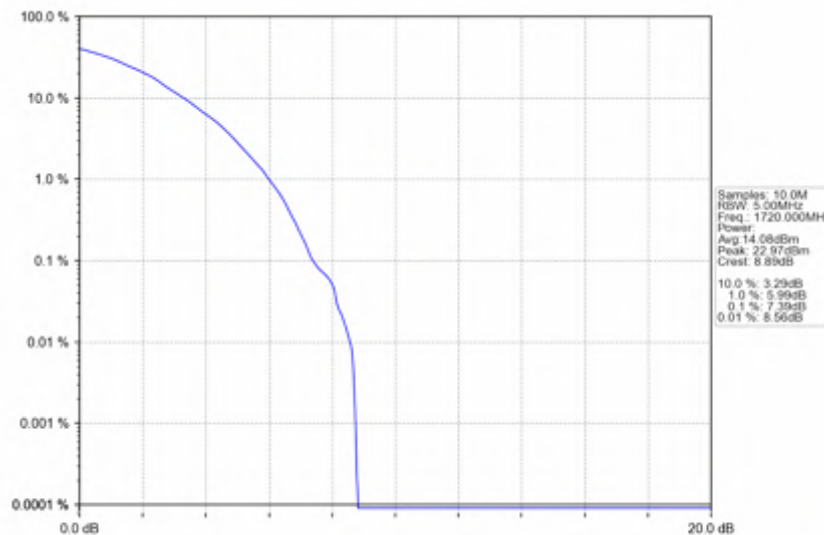
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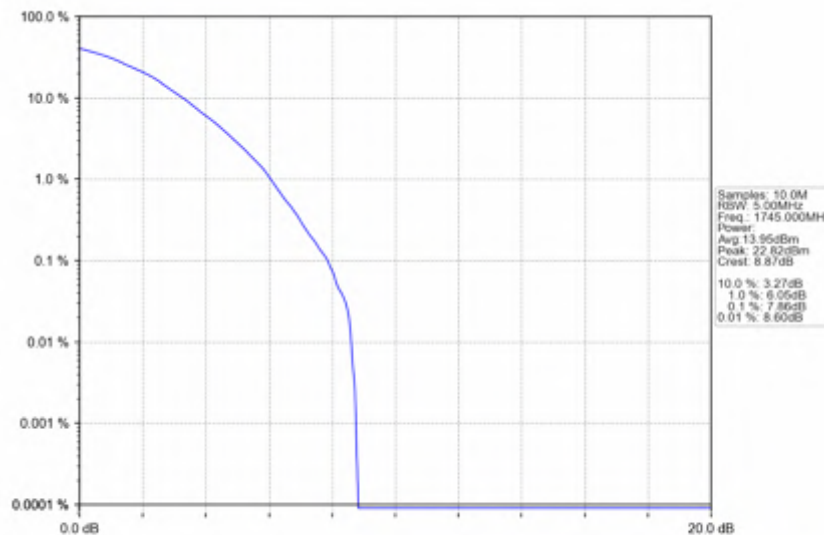
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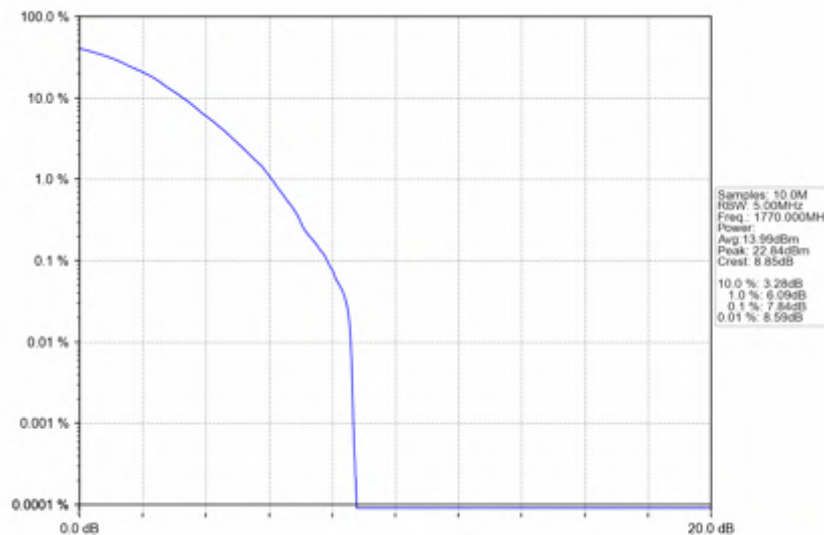


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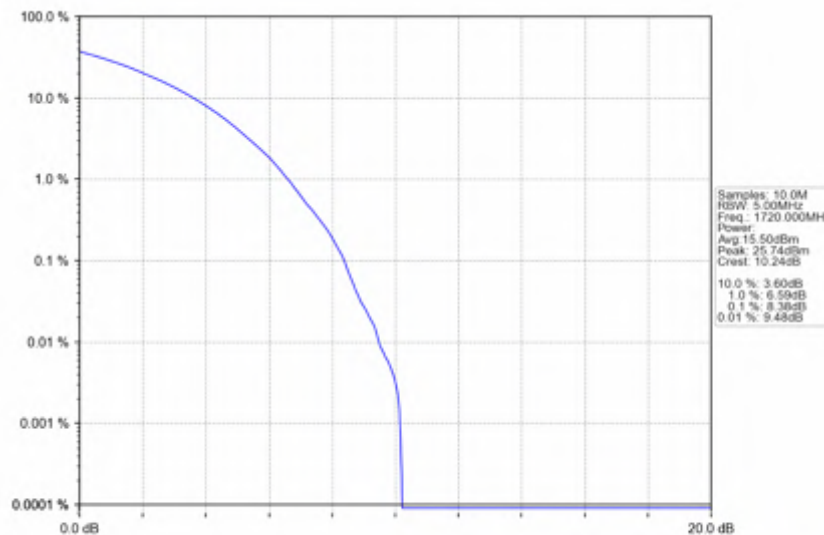
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n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1770MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1720MHz_Outer_Full

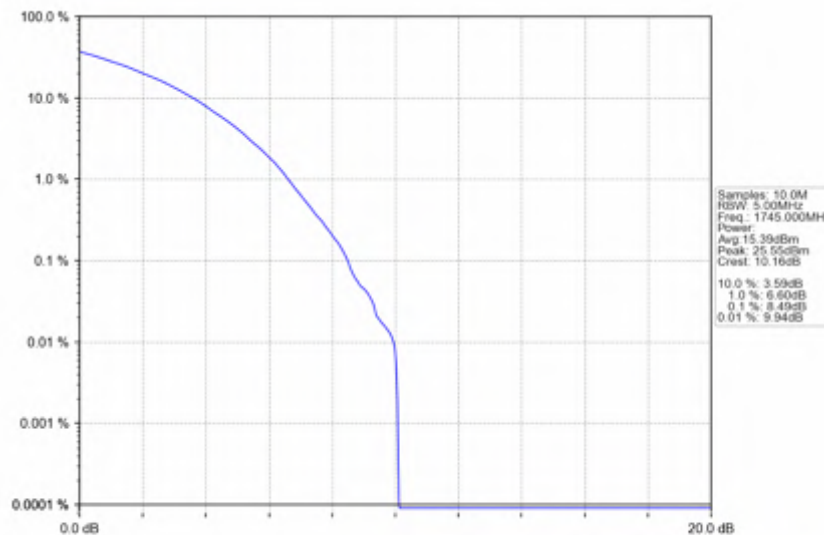


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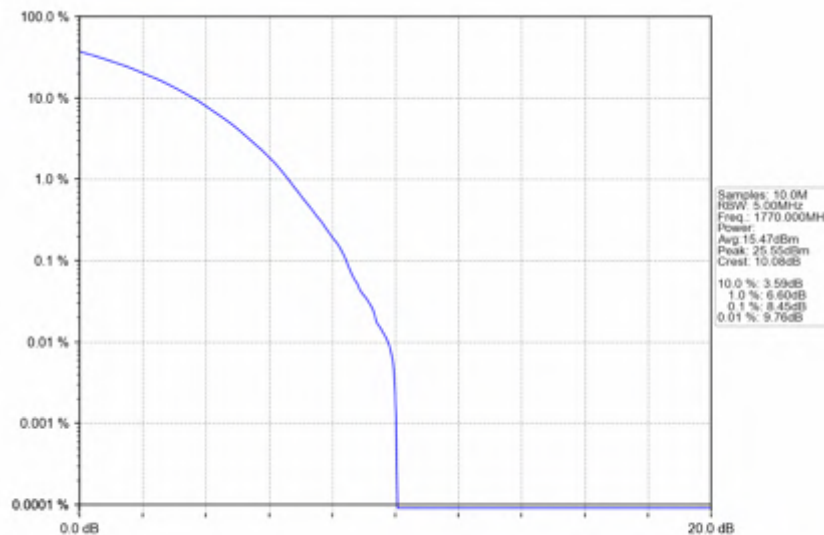
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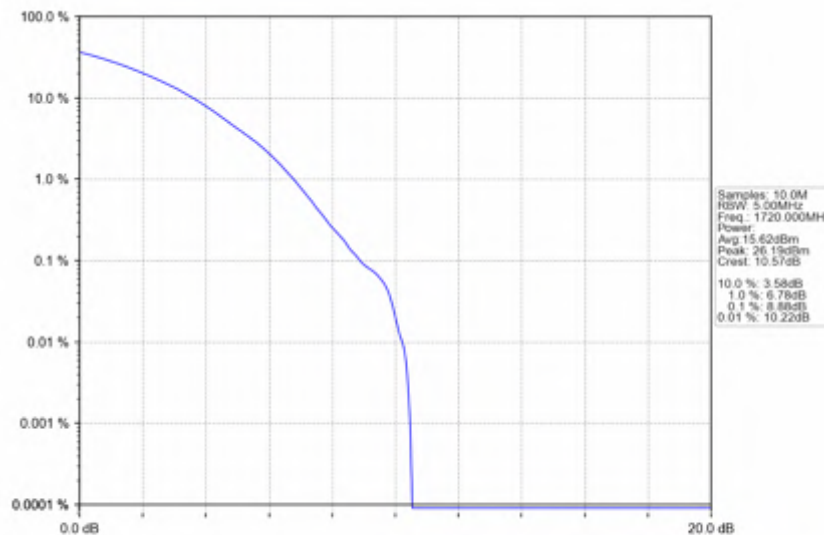


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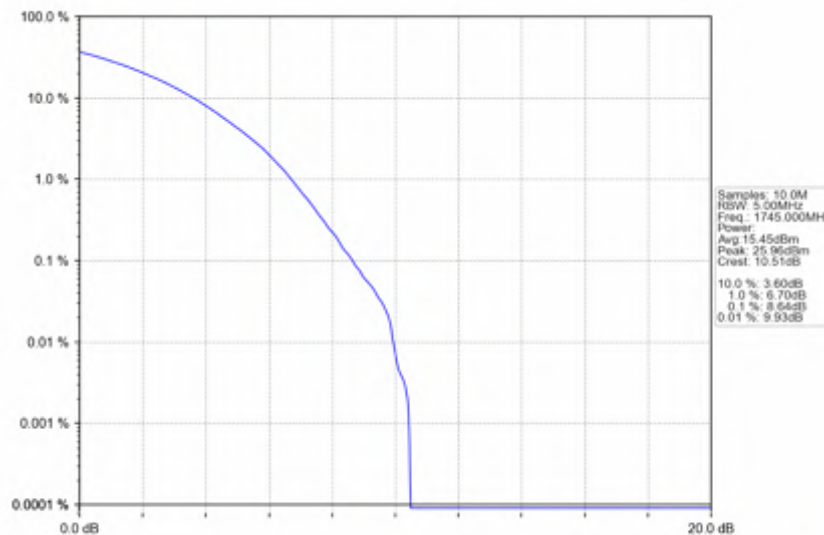
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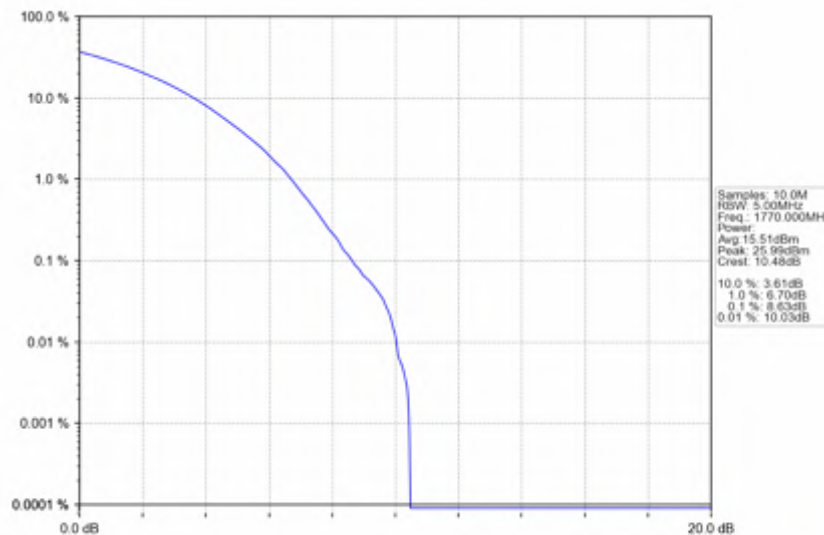


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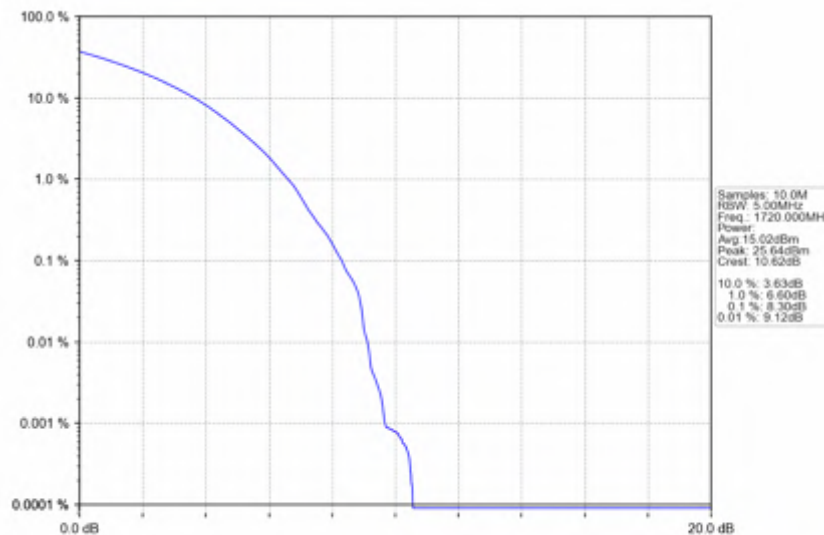
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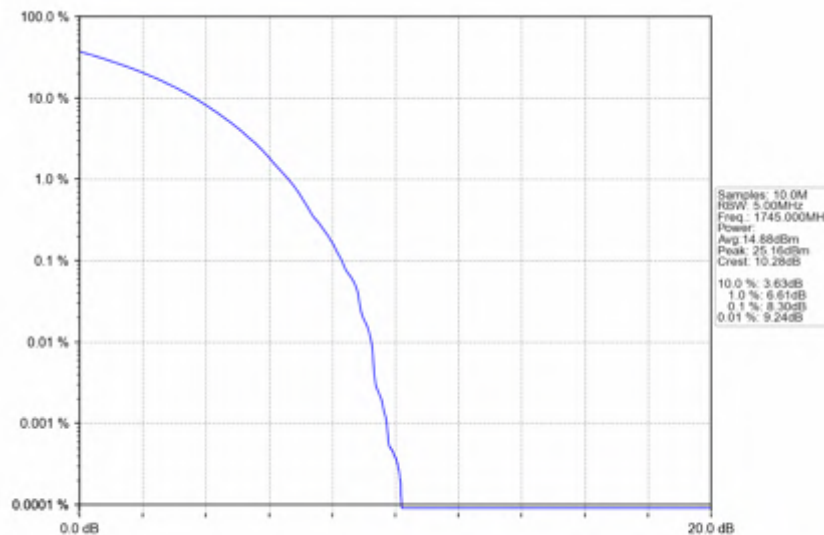


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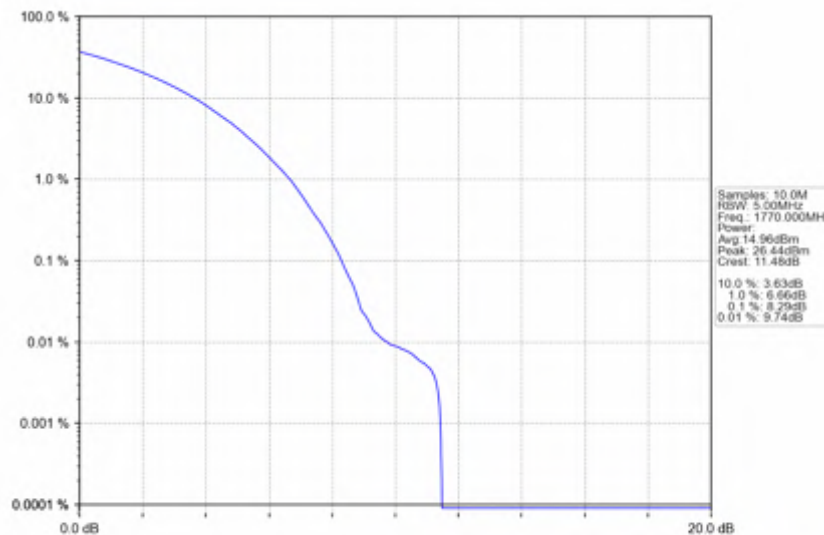
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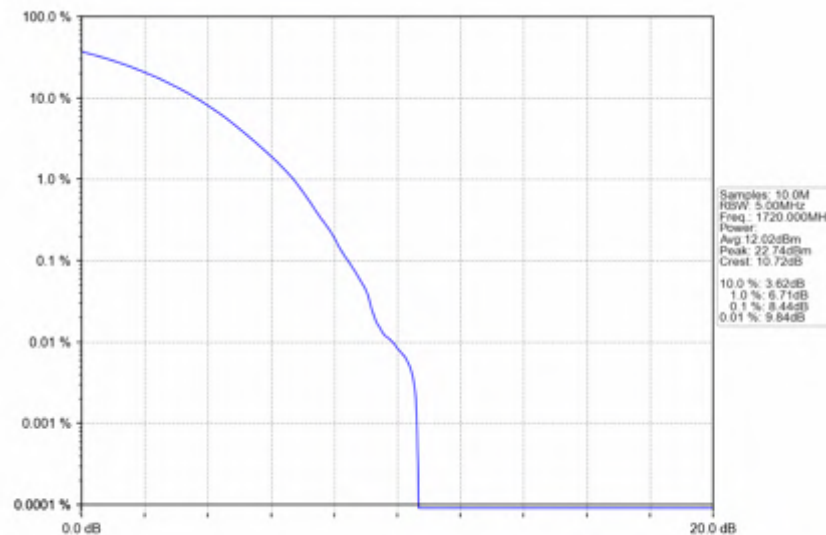


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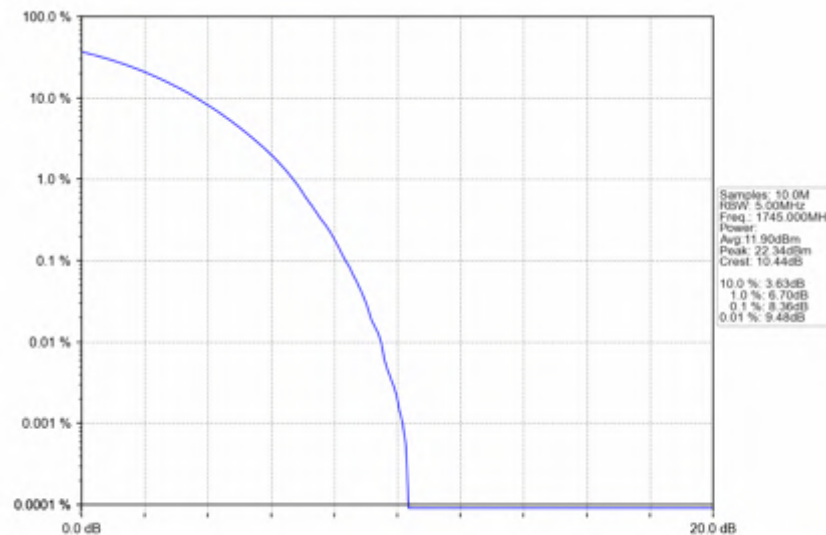
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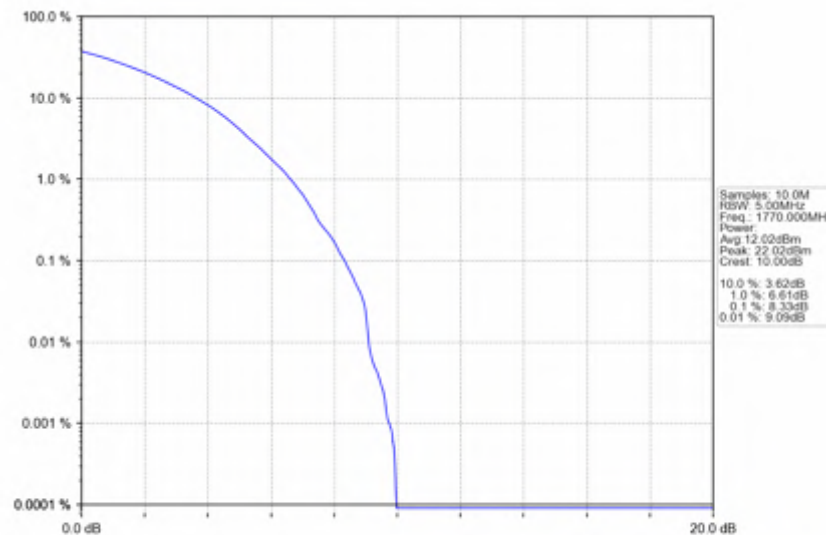


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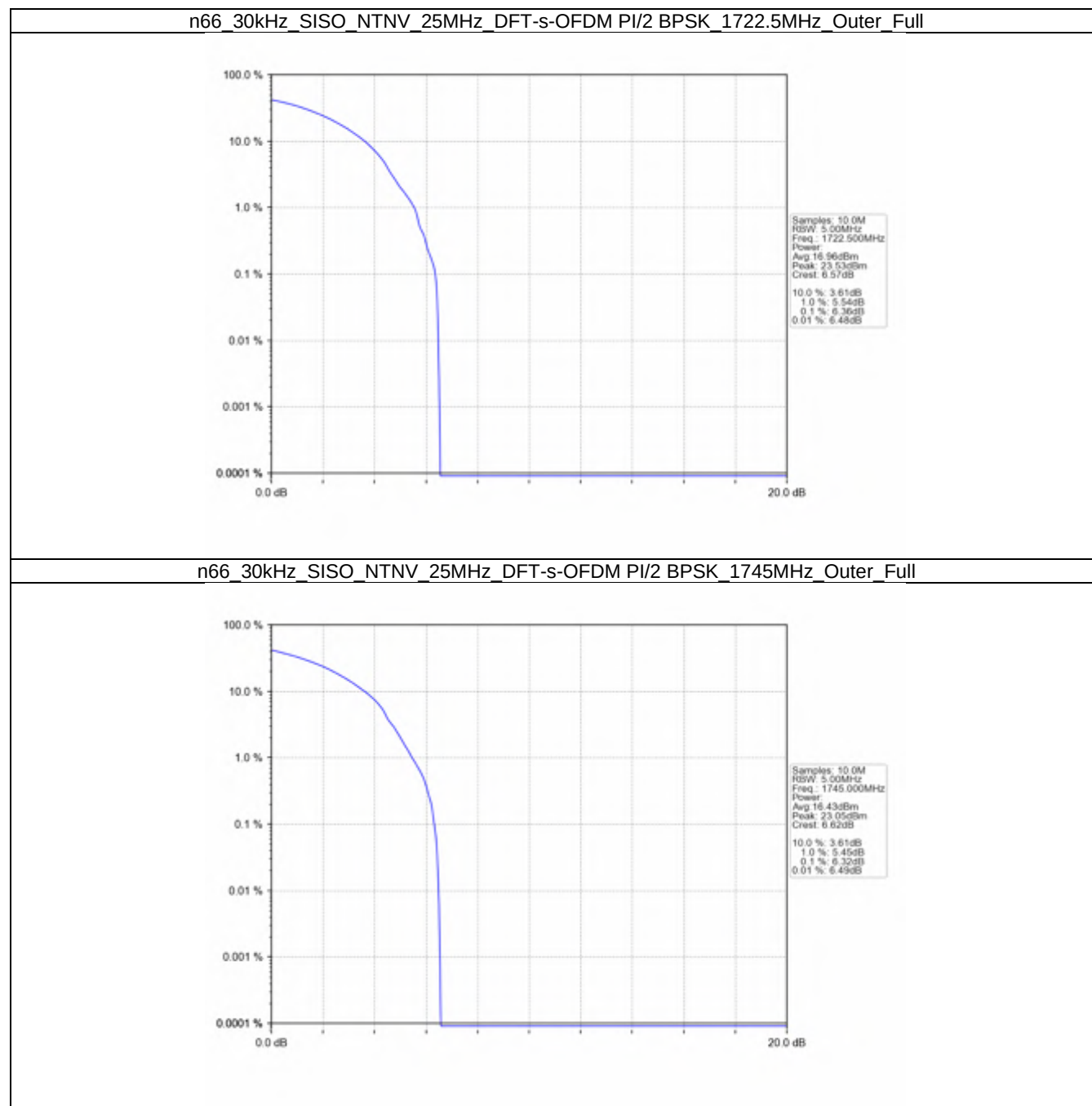
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7.11 30k_SISO_25MHz_NTNV

7.11.1 Test Result

5G NR n66 SCS=30kHz SISO 25MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1722.5	Outer_Full	6.36	/	/	<=13	Pass
	1745	Outer_Full	6.32	/	/	<=13	Pass
	1767.5	Outer_Full	6.33	/	/	<=13	Pass
DFT-s-OFDM QPSK	1722.5	Outer_Full	7.13	/	/	<=13	Pass
	1745	Outer_Full	7.15	/	/	<=13	Pass
	1767.5	Outer_Full	6.91	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	7.59	/	/	<=13	Pass
	1745	Outer_Full	7.50	/	/	<=13	Pass
	1767.5	Outer_Full	7.56	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	7.40	/	/	<=13	Pass
	1745	Outer_Full	7.57	/	/	<=13	Pass
	1767.5	Outer_Full	7.83	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer_Full	7.54	/	/	<=13	Pass
	1745	Outer_Full	7.50	/	/	<=13	Pass
	1767.5	Outer_Full	7.57	/	/	<=13	Pass
CP-OFDM QPSK	1722.5	Outer_Full	8.11	/	/	<=13	Pass
	1745	Outer_Full	8.12	/	/	<=13	Pass
	1767.5	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	8.52	/	/	<=13	Pass
	1745	Outer_Full	8.40	/	/	<=13	Pass
	1767.5	Outer_Full	8.57	/	/	<=13	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	8.36	/	/	<=13	Pass
	1745	Outer_Full	8.38	/	/	<=13	Pass
	1767.5	Outer_Full	8.29	/	/	<=13	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	8.53	/	/	<=13	Pass
	1745	Outer_Full	8.61	/	/	<=13	Pass
	1767.5	Outer_Full	8.55	/	/	<=13	Pass

7.11.2 Test Graph



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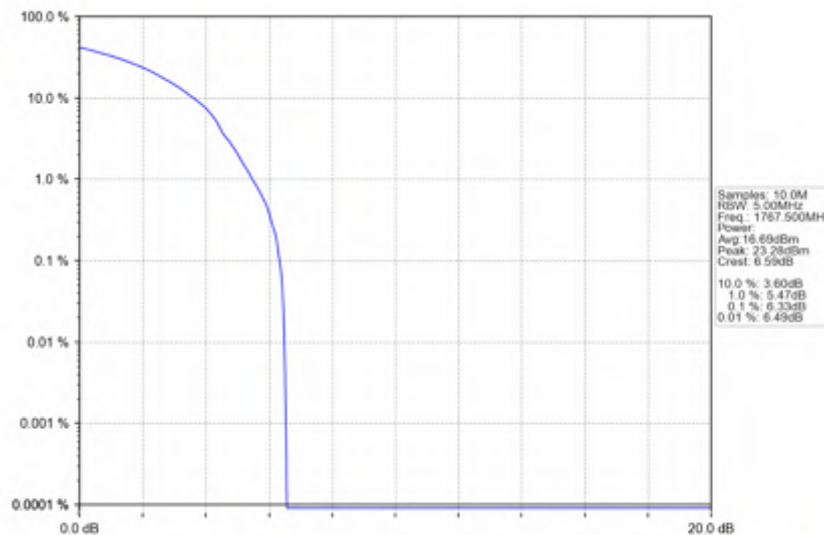
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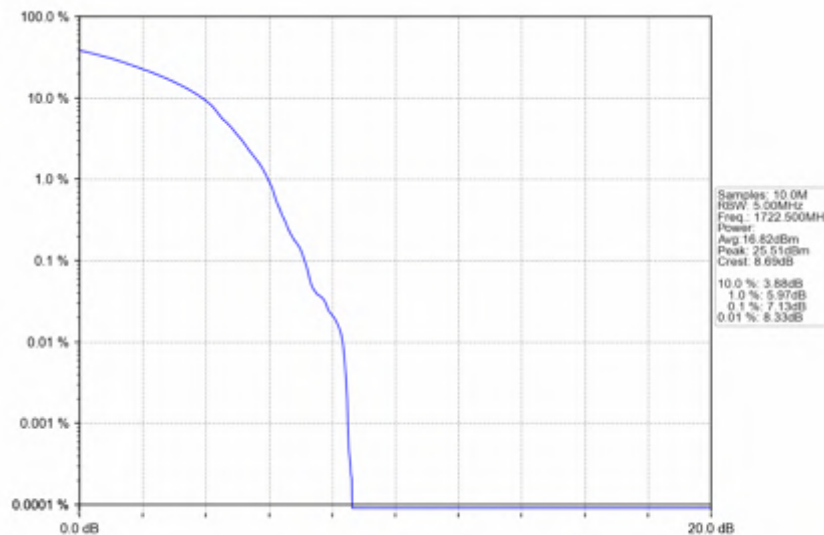
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_1767.5MHz_Outer_Full



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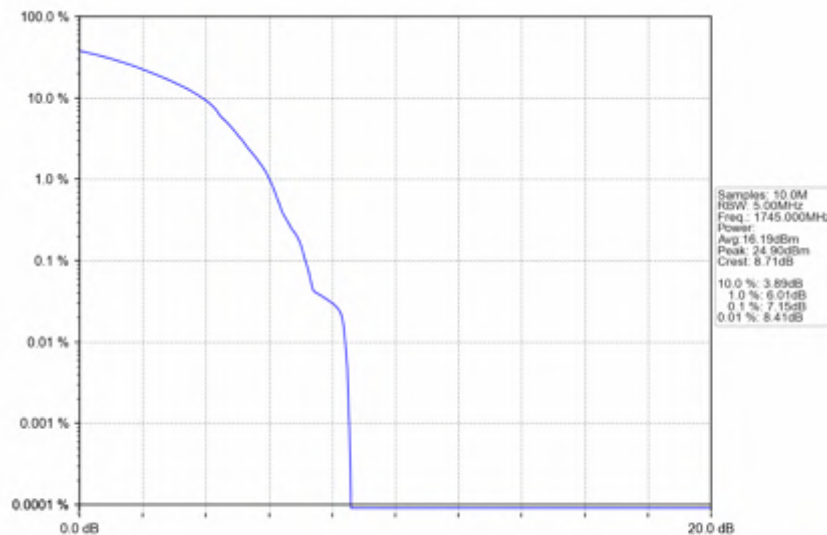


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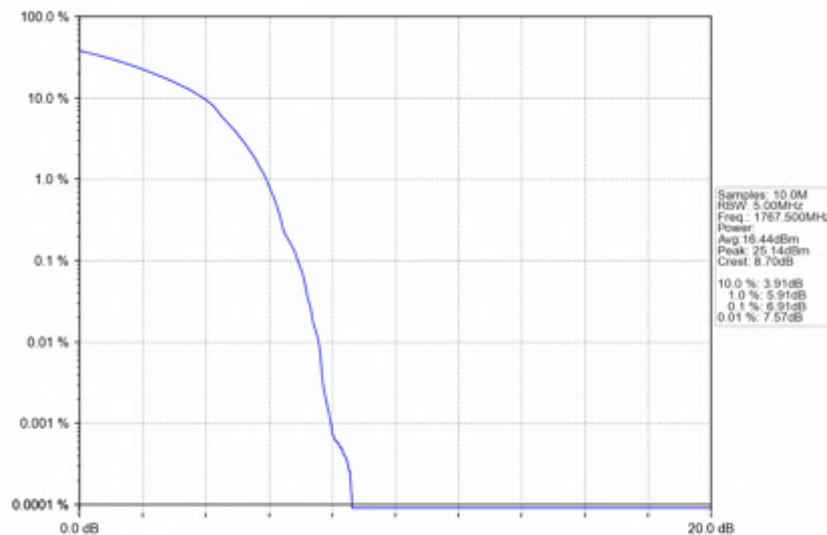
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_1745MHz_Outer_Full



n66	30kHz	SISO	NTNV	25MHz	DFT-s-OFDM	QPSK	1767.5MHz	Outer	Full
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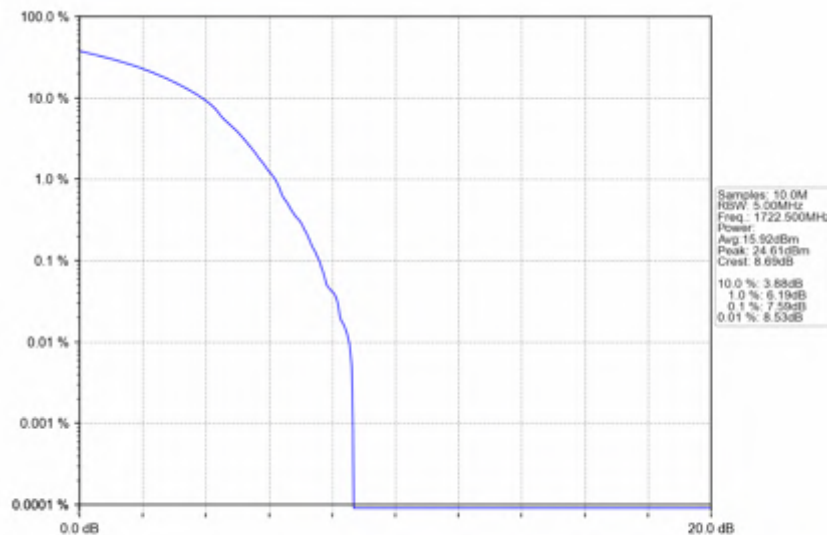


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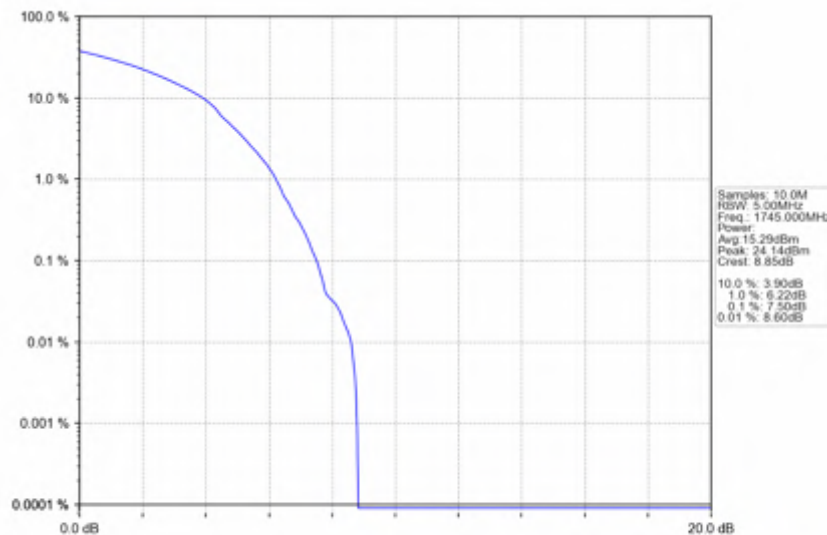
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_1722.5MHz_Outer_Full



n66 30kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 1745MHz Outer Full

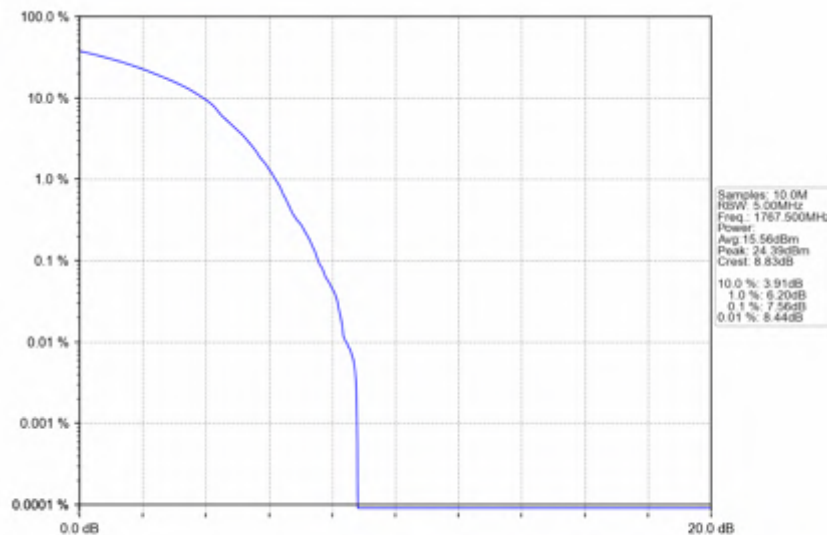


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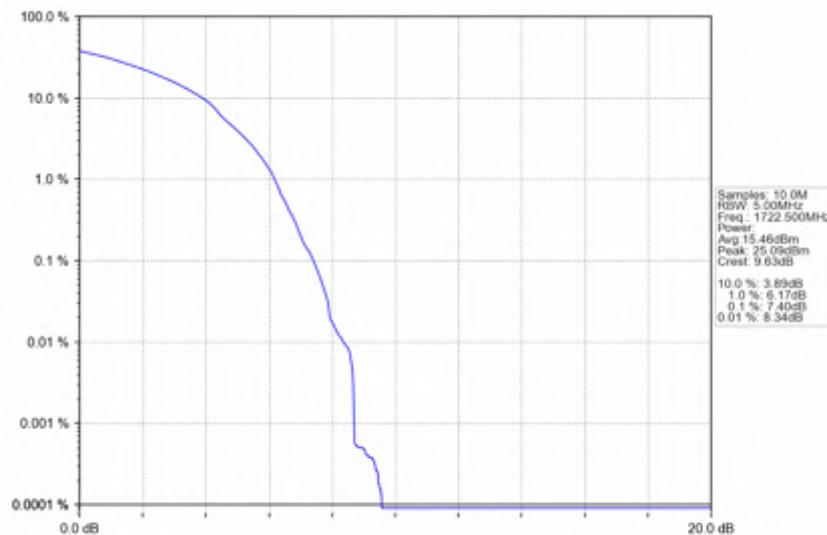
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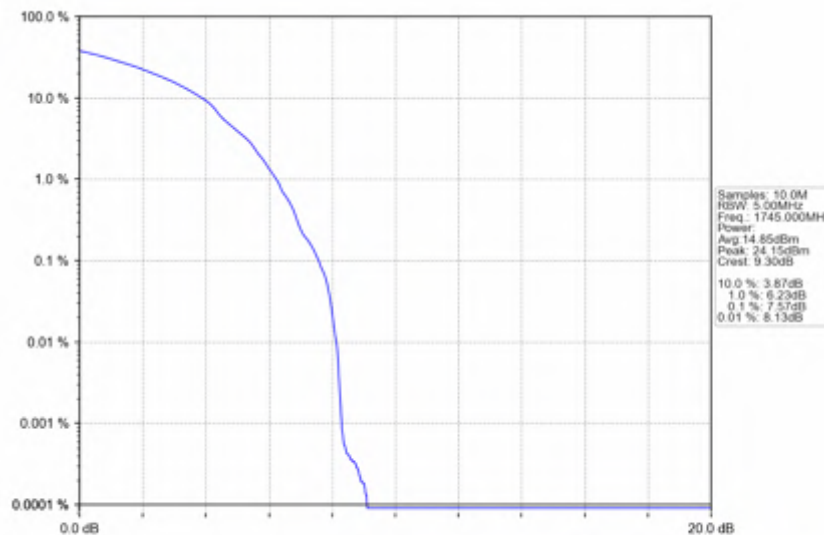


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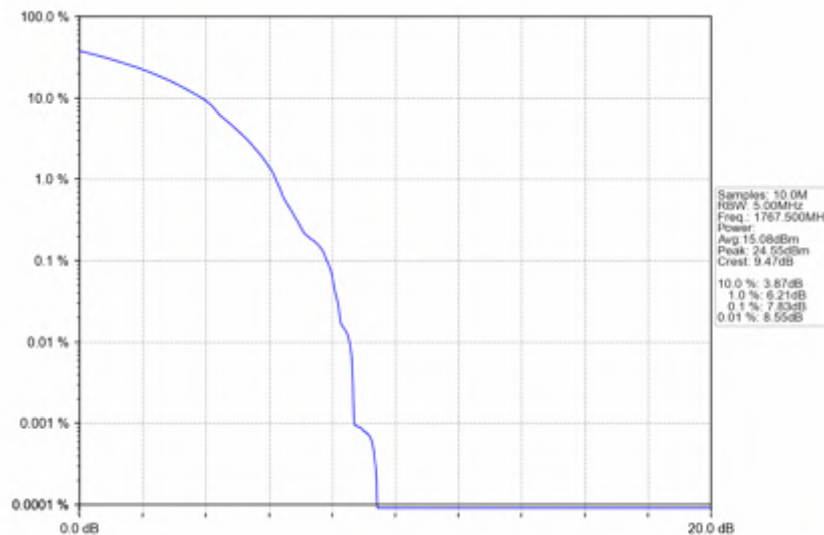
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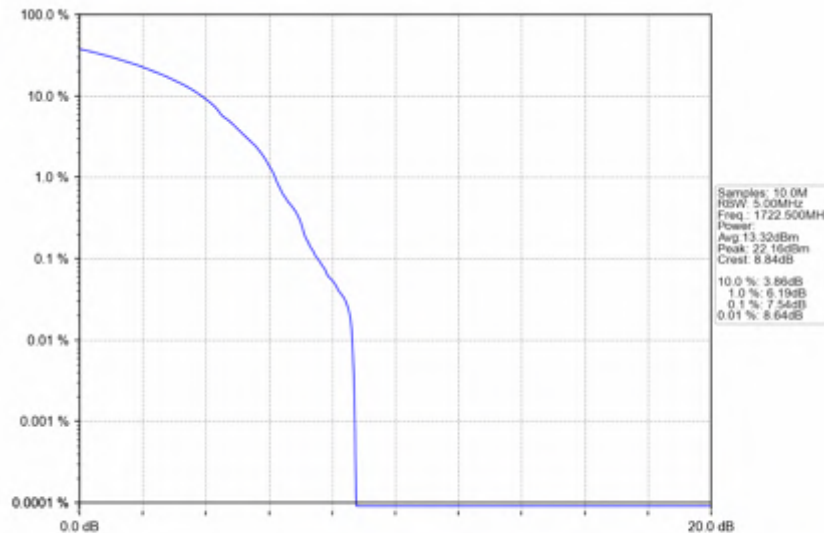


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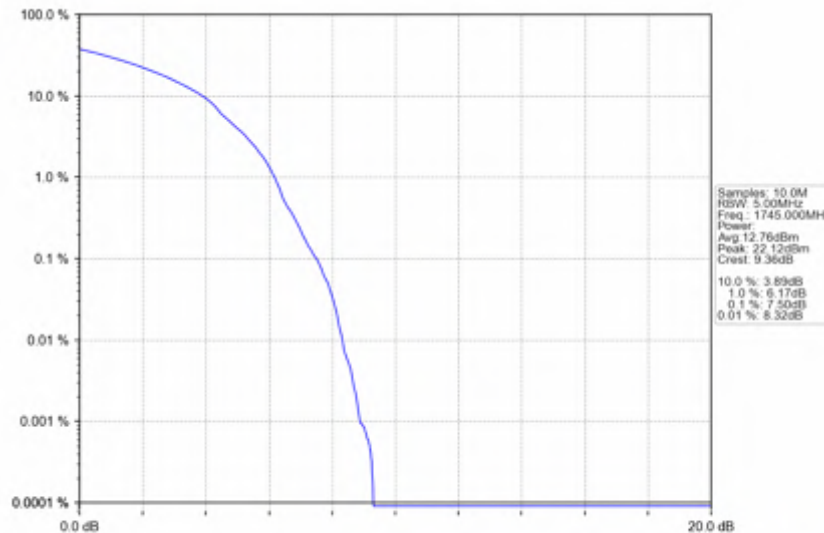
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_1745MHz_Outer_Full

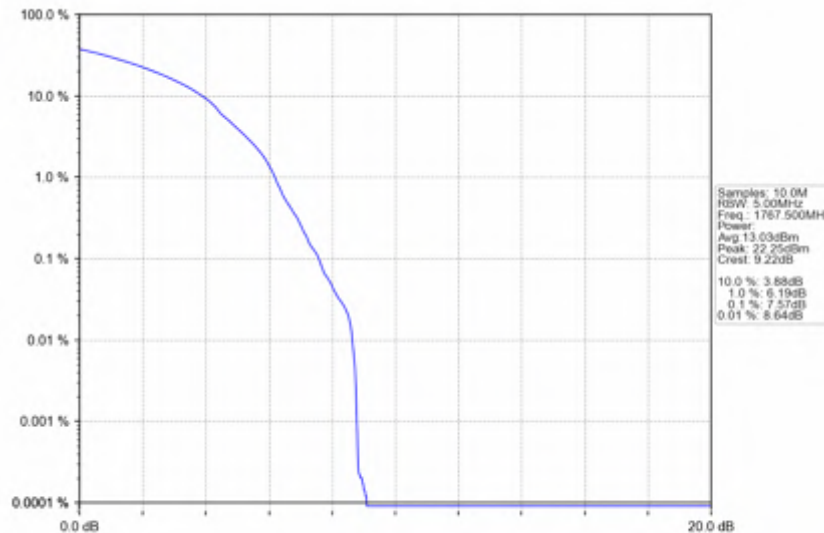


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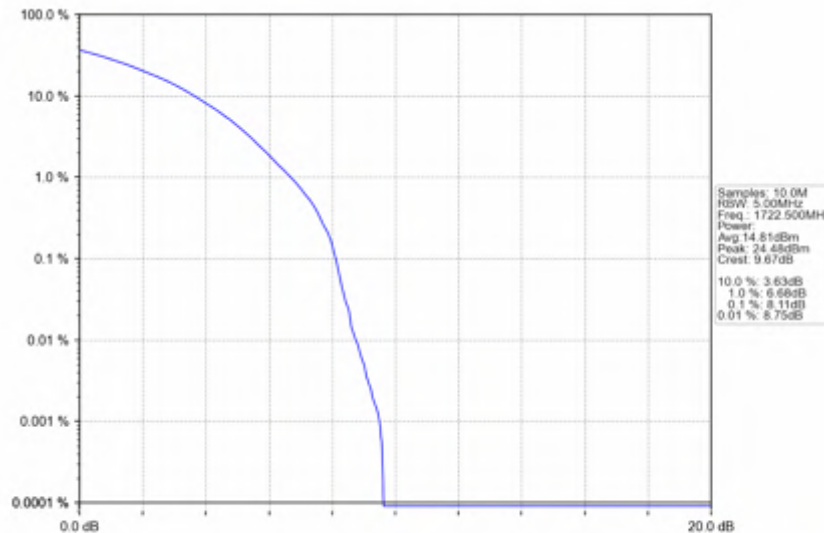
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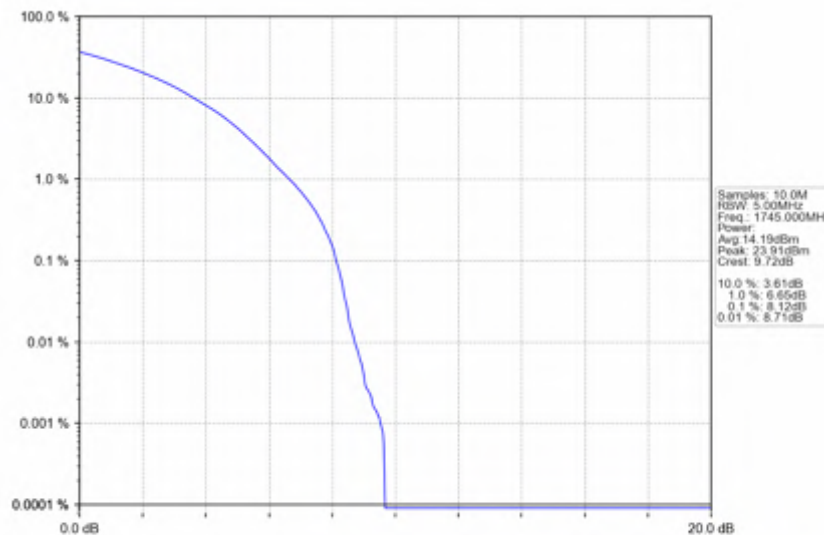


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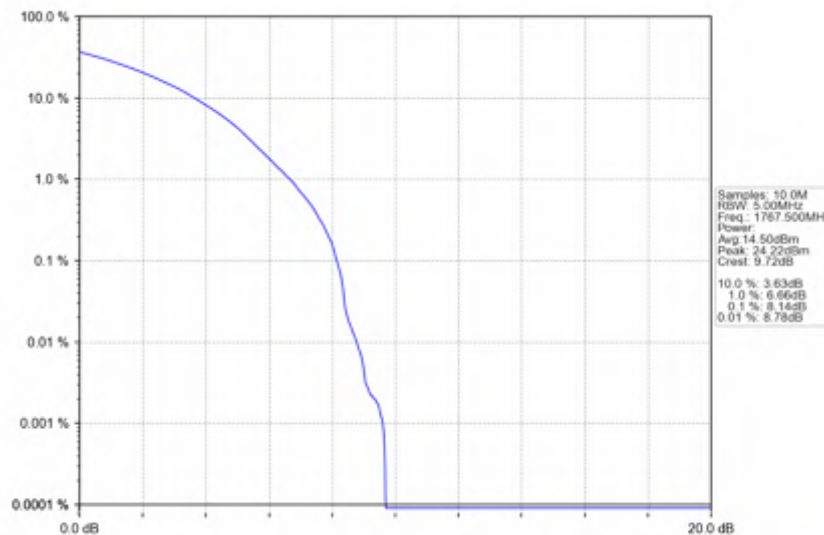
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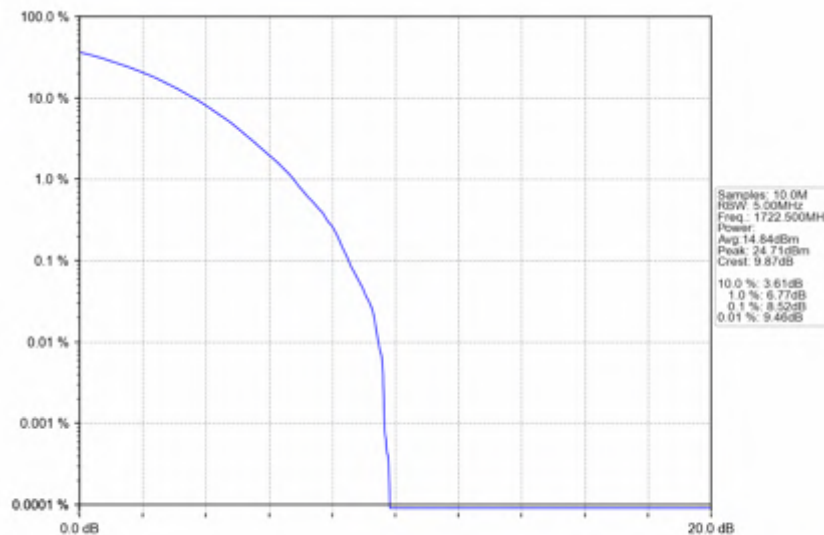


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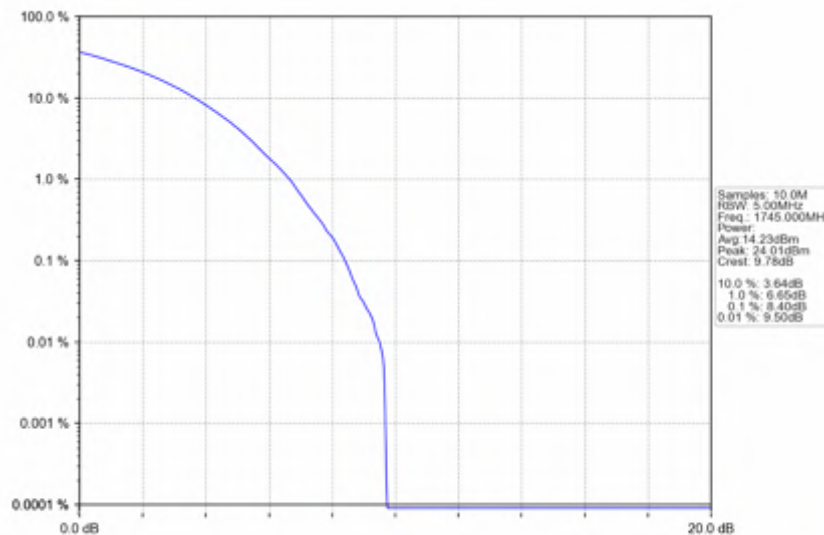
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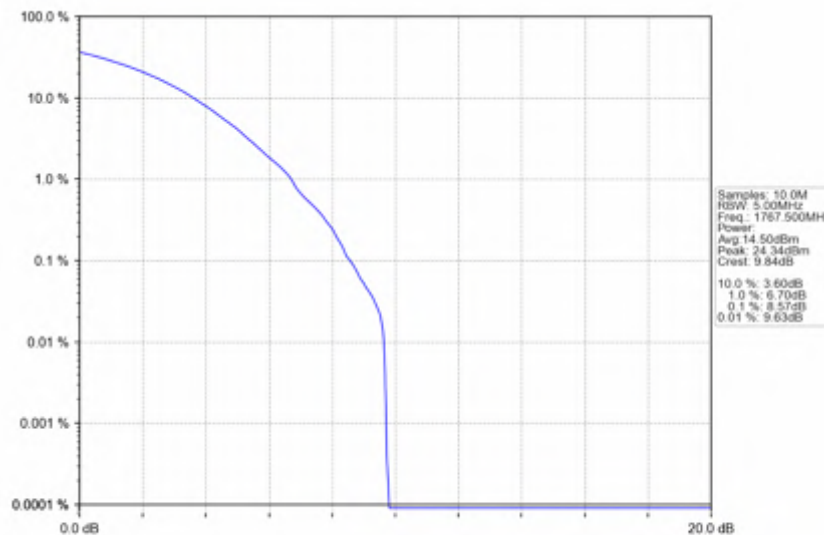


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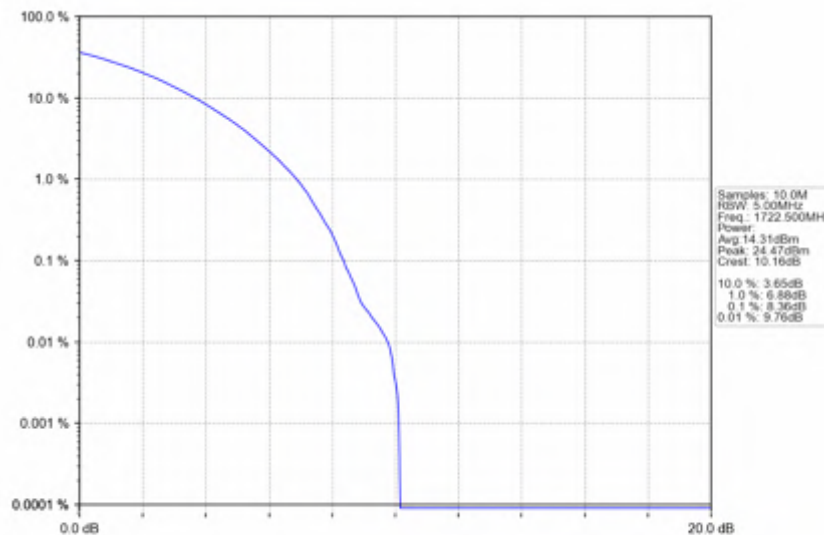
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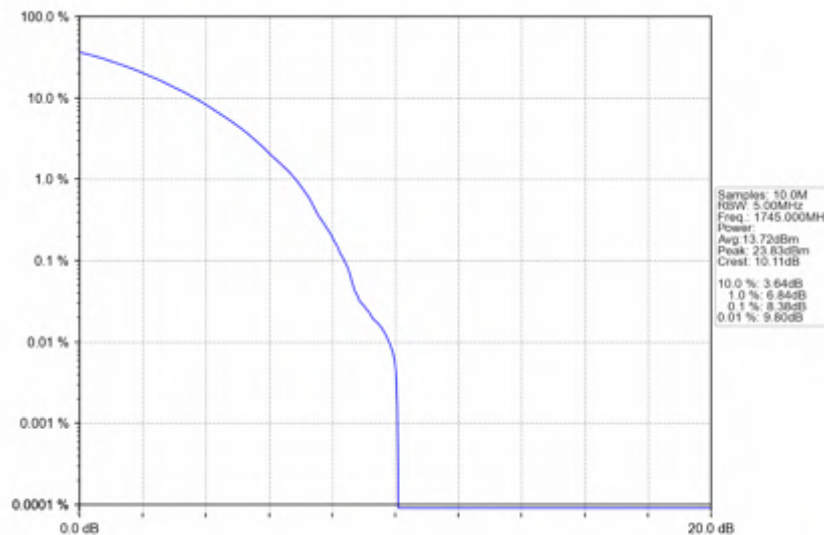


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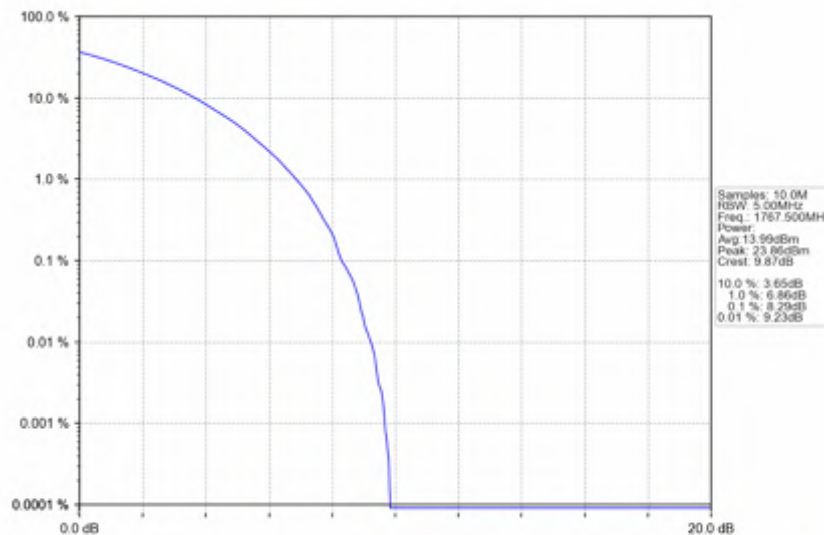
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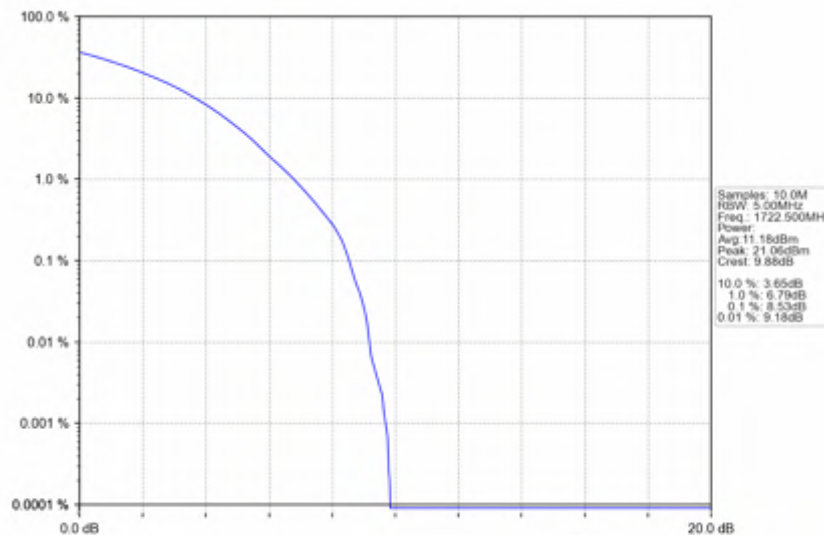


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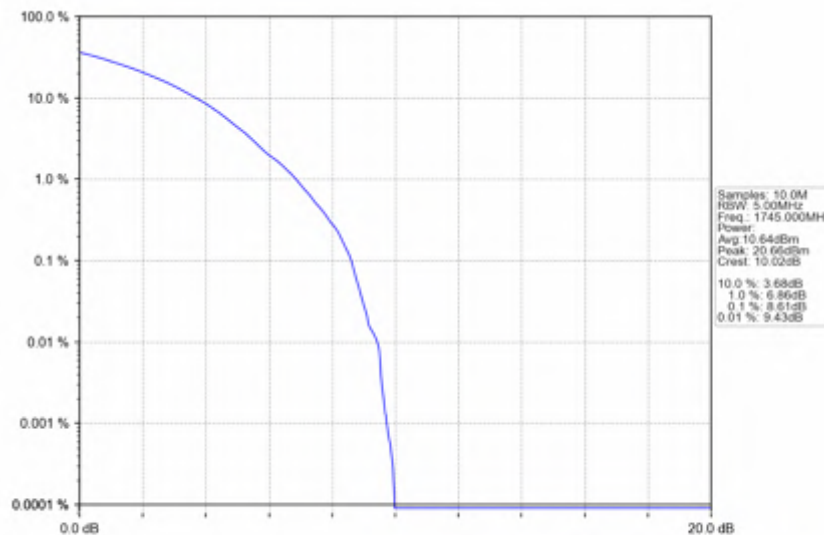
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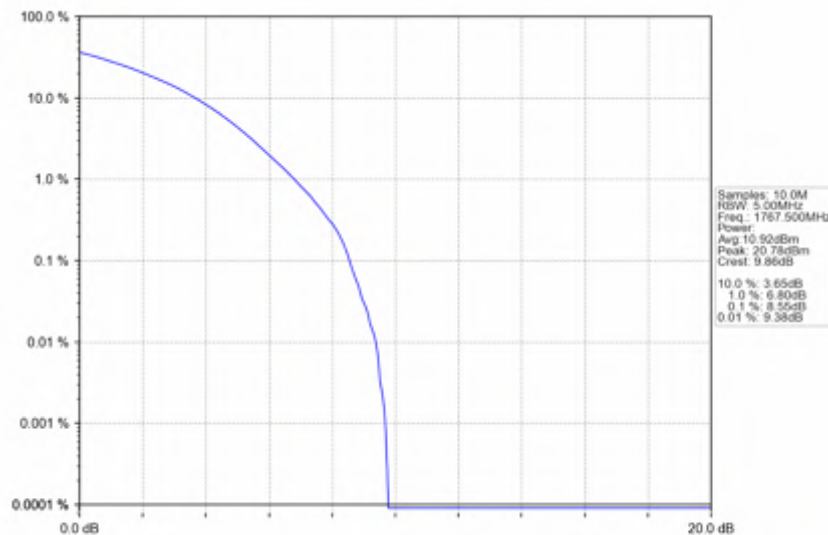


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n66_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_1767.5MHz_Outer_Full



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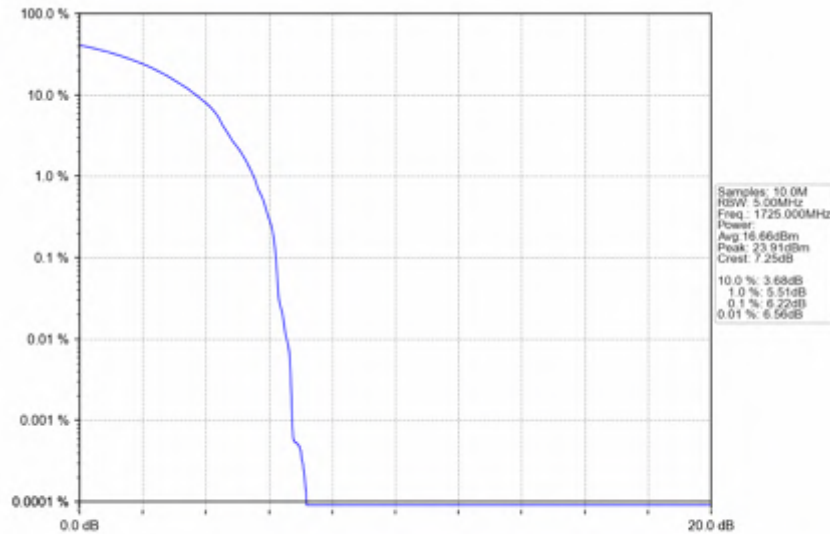
7.12 30k_SISO_30MHz_NTNV

7.12.1 Test Result

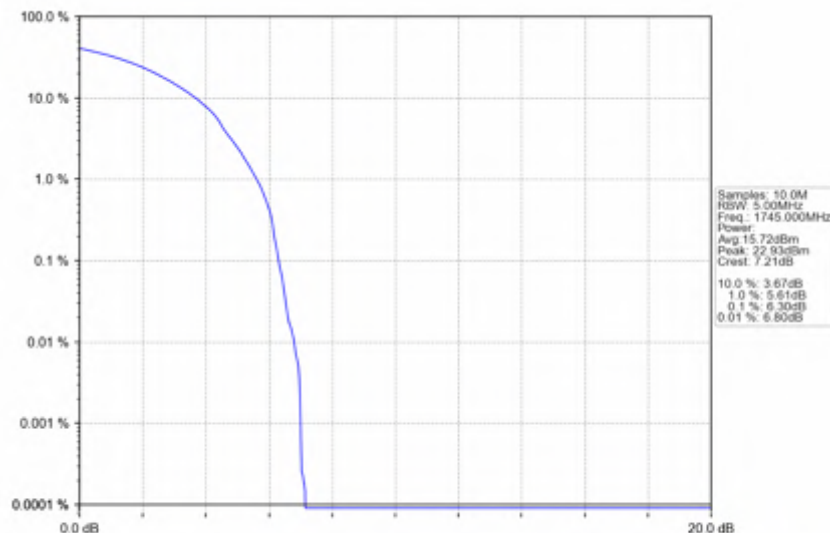
5G NR n66 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Outer_Full	6.22	/	/	<=13	Pass
	1745	Outer_Full	6.30	/	/	<=13	Pass
	1765	Outer_Full	6.23	/	/	<=13	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	7.16	/	/	<=13	Pass
	1745	Outer_Full	7.28	/	/	<=13	Pass
	1765	Outer_Full	7.32	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	7.46	/	/	<=13	Pass
	1745	Outer_Full	7.55	/	/	<=13	Pass
	1765	Outer_Full	7.73	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	7.63	/	/	<=13	Pass
	1745	Outer_Full	7.53	/	/	<=13	Pass
	1765	Outer_Full	7.73	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	7.67	/	/	<=13	Pass
	1745	Outer_Full	7.77	/	/	<=13	Pass
	1765	Outer_Full	7.73	/	/	<=13	Pass
CP-OFDM QPSK	1725	Outer_Full	8.28	/	/	<=13	Pass
	1745	Outer_Full	8.25	/	/	<=13	Pass
	1765	Outer_Full	8.36	/	/	<=13	Pass
CP-OFDM 16 QAM	1725	Outer_Full	8.34	/	/	<=13	Pass
	1745	Outer_Full	8.25	/	/	<=13	Pass
	1765	Outer_Full	8.10	/	/	<=13	Pass
CP-OFDM 64 QAM	1725	Outer_Full	8.40	/	/	<=13	Pass
	1745	Outer_Full	8.41	/	/	<=13	Pass
	1765	Outer_Full	8.37	/	/	<=13	Pass
CP-OFDM 256 QAM	1725	Outer_Full	8.47	/	/	<=13	Pass
	1745	Outer_Full	8.40	/	/	<=13	Pass
	1765	Outer_Full	8.28	/	/	<=13	Pass

7.12.2 Test Graph

n66 30kHz SISO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 1725MHz Outer Full



n66	30kHz	SISO	NTNV	30MHz	DFT-s-OFDM	PI/2 BPSK	1745MHz	Outer	Full
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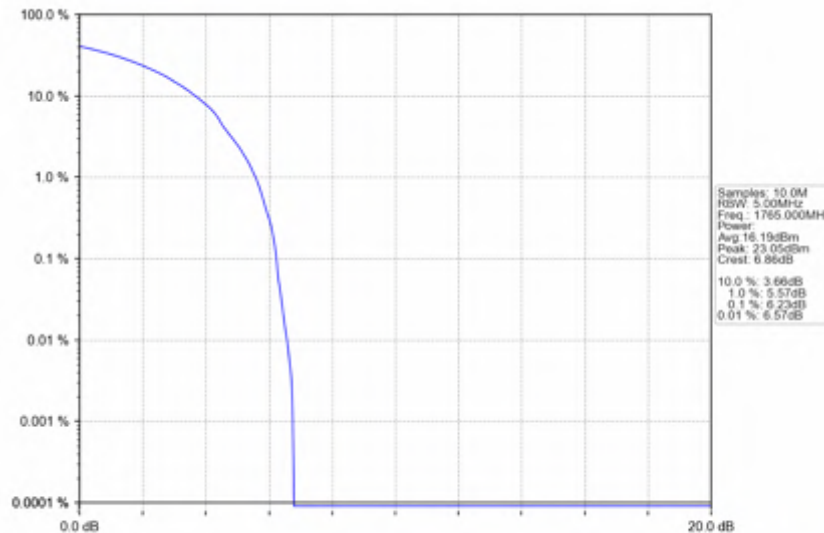


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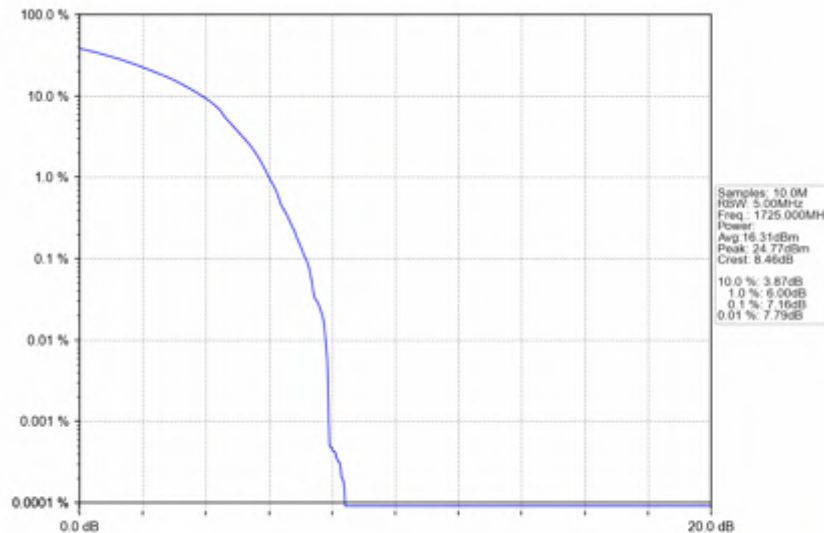
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n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_1725MHz_Outer_Full

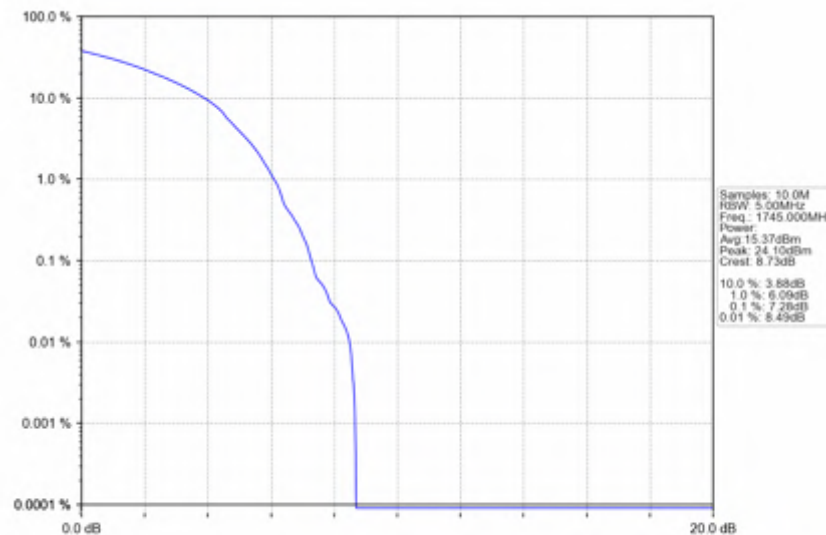


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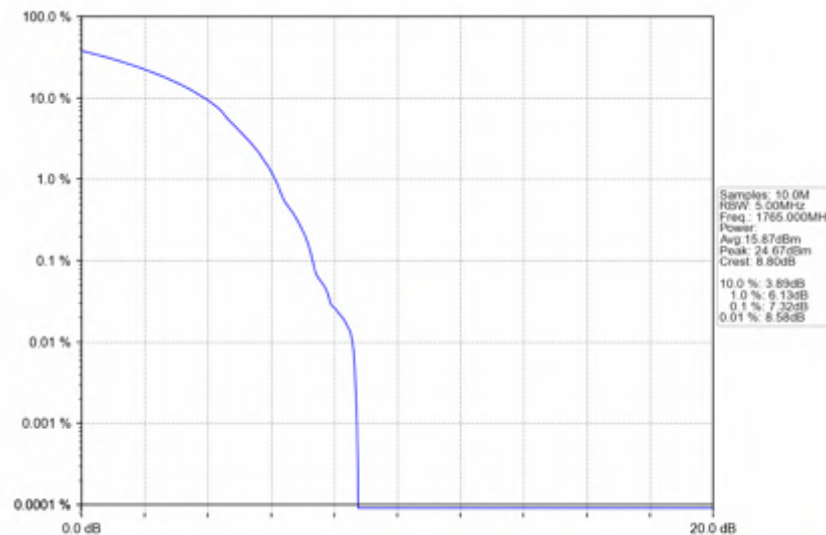
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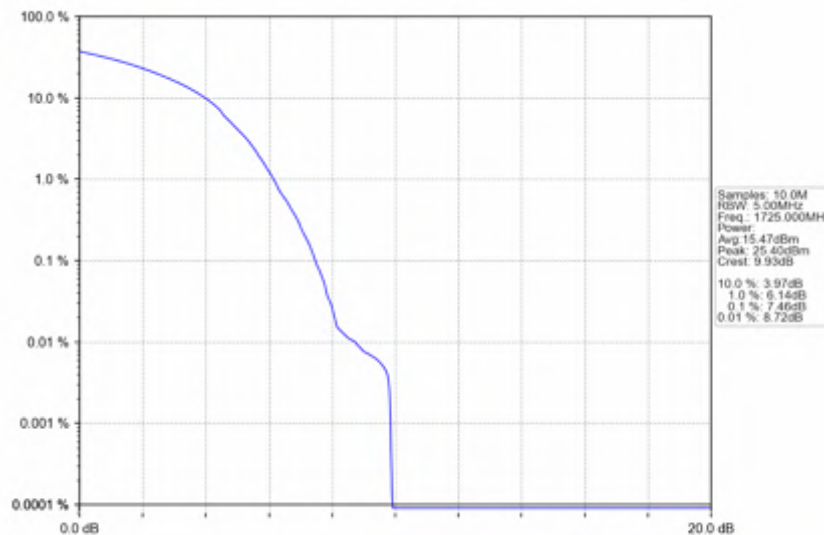
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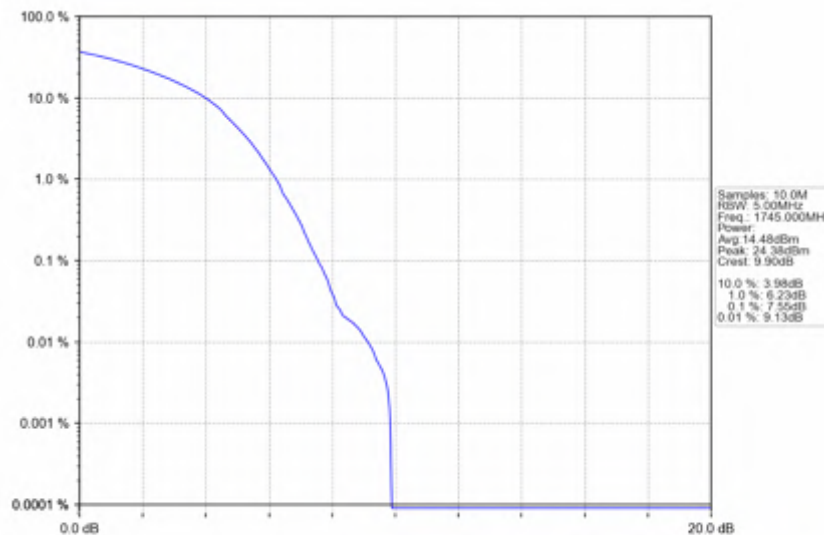
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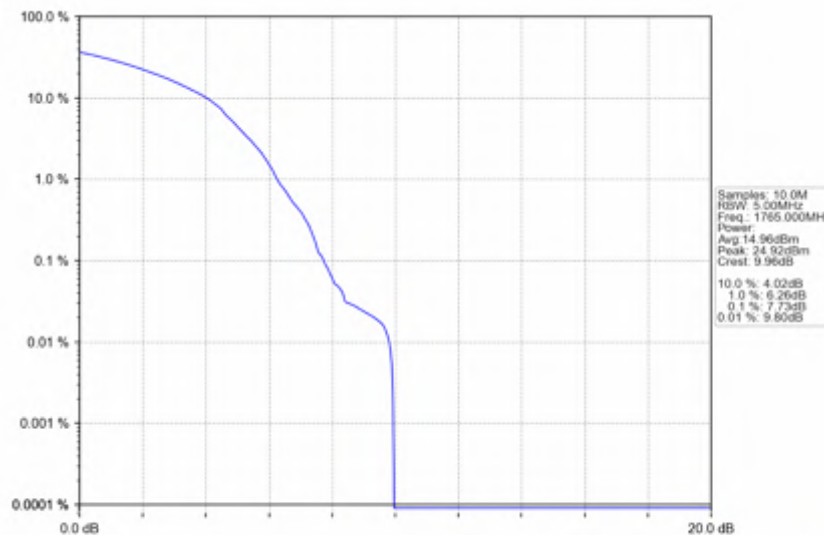


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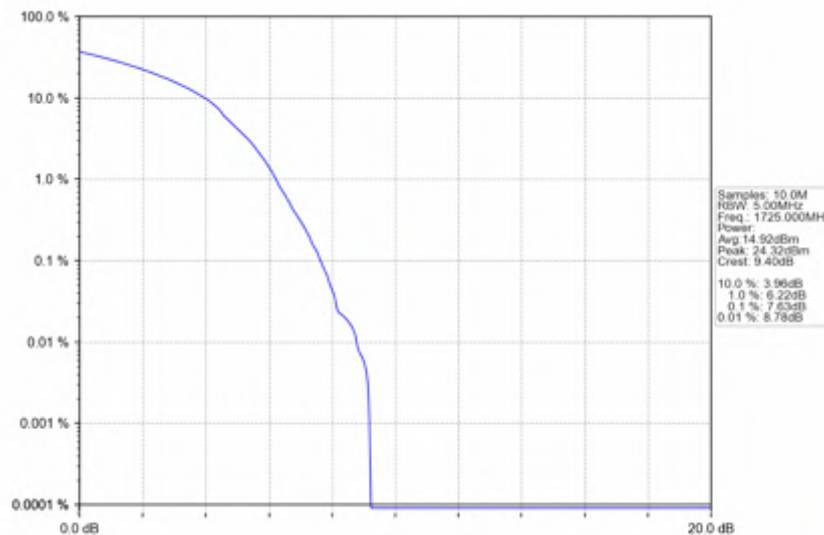
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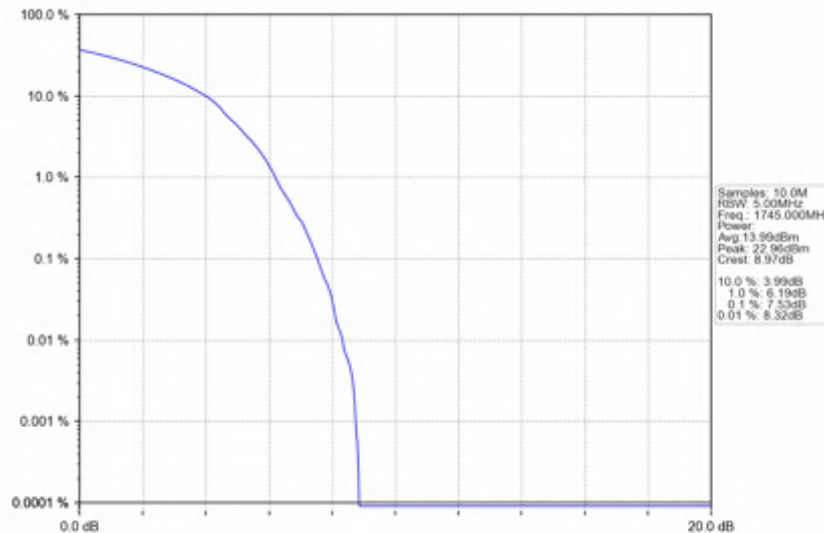


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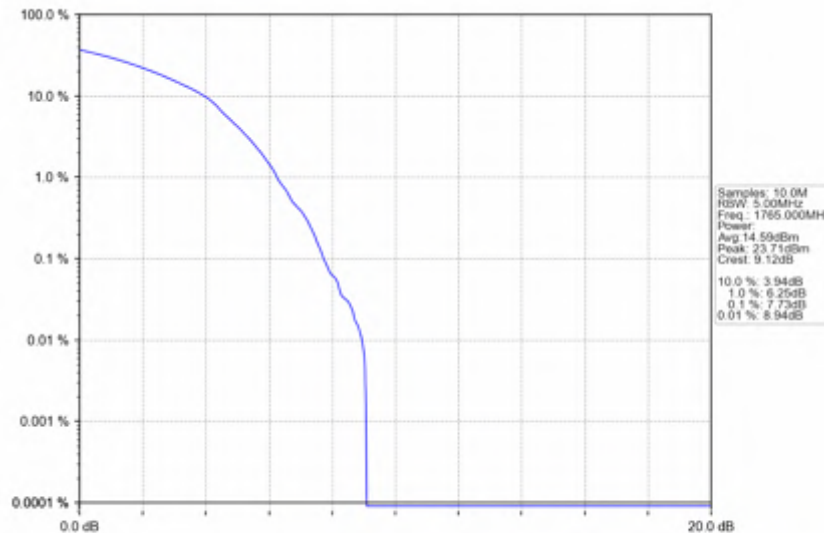
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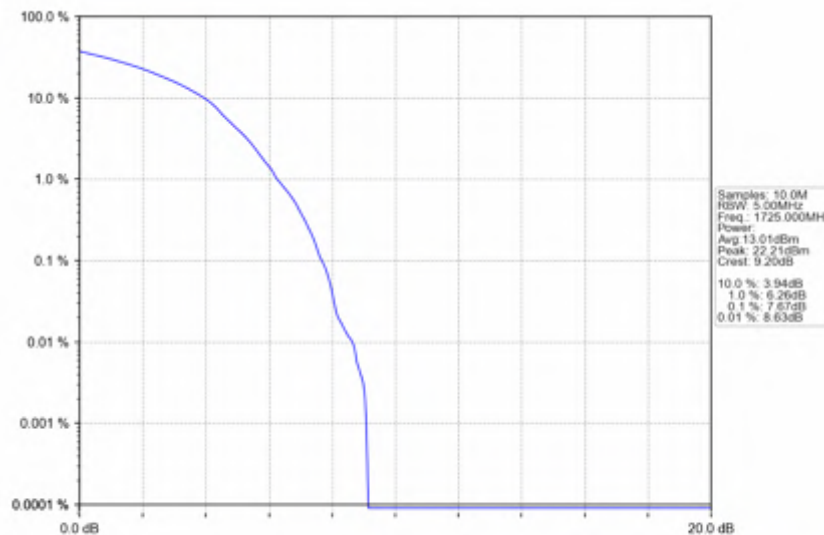


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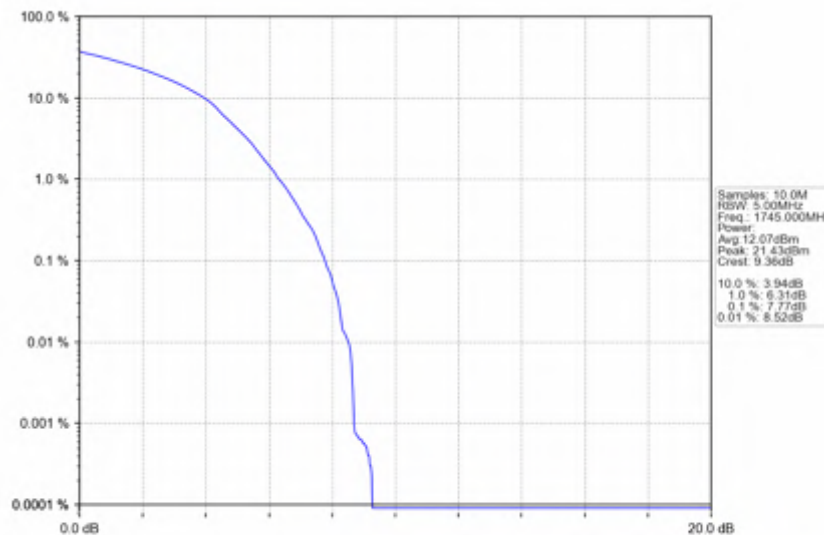
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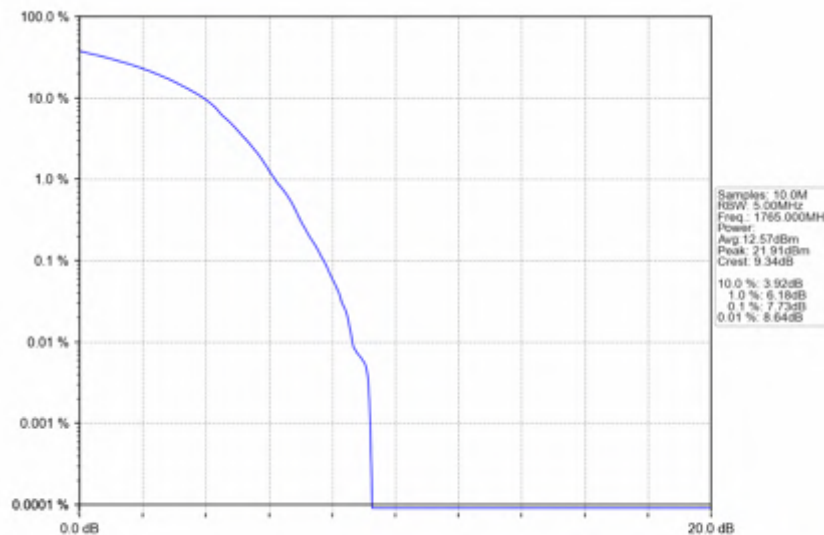
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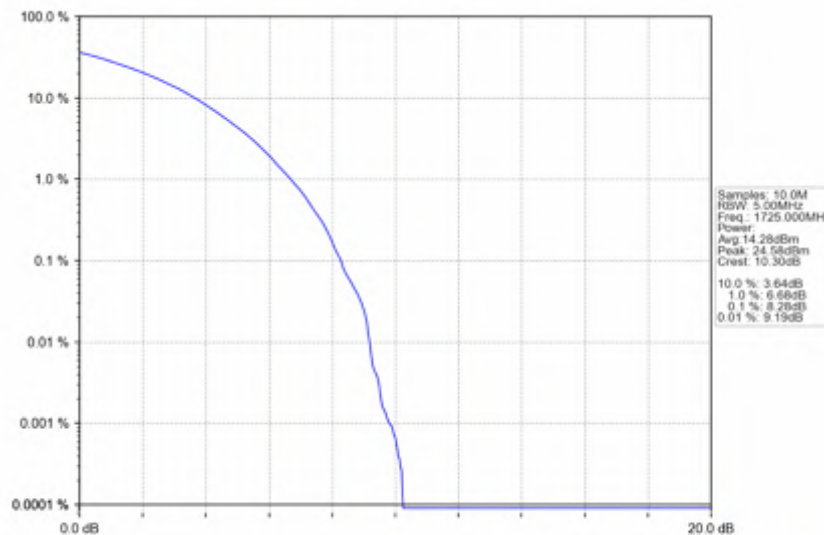
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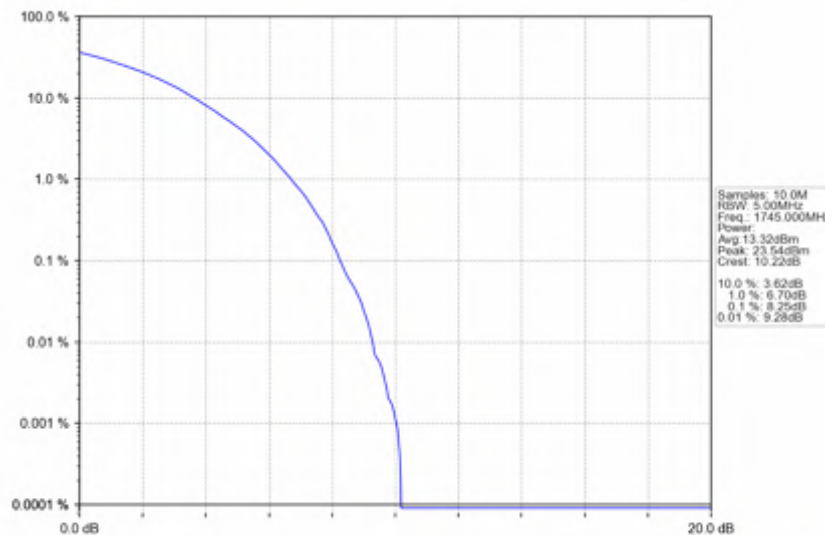


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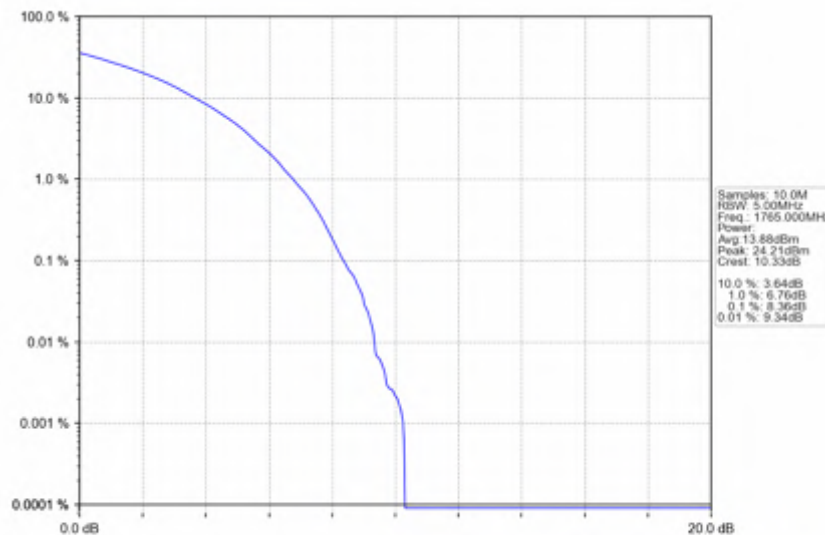
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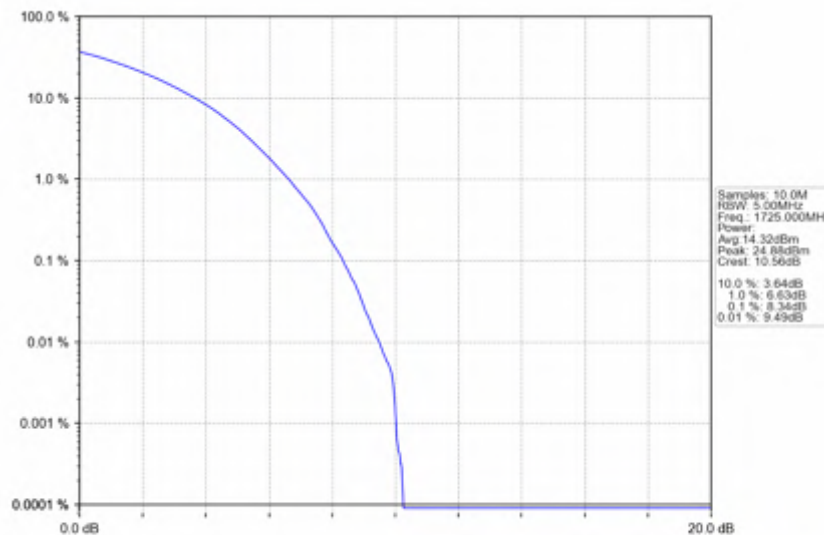
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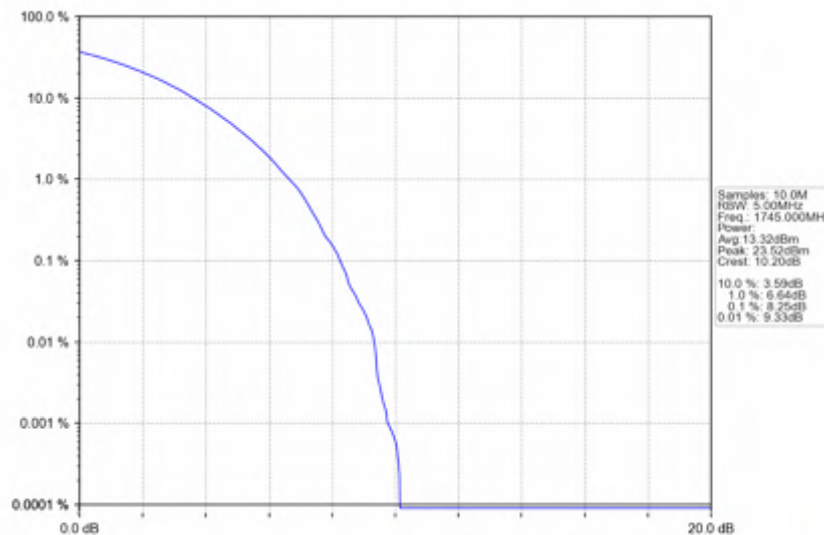
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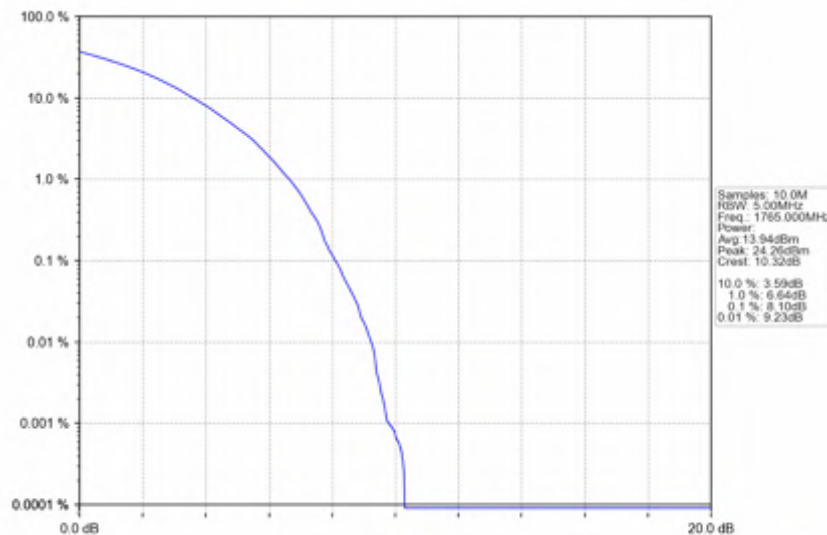


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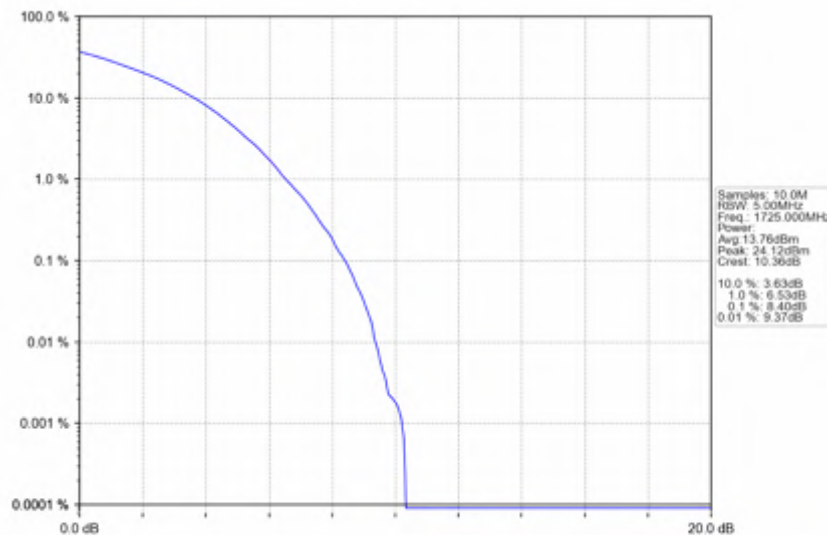
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n66_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_1765MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_1725MHz_Outer_Full

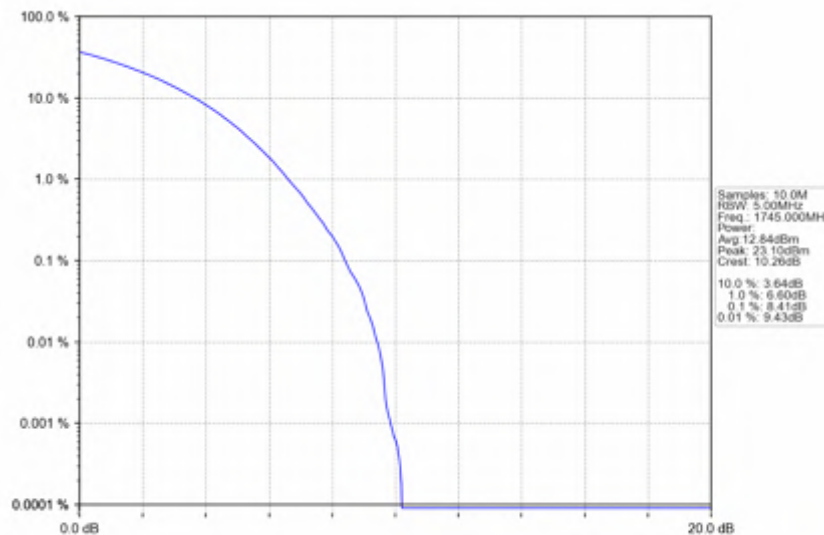


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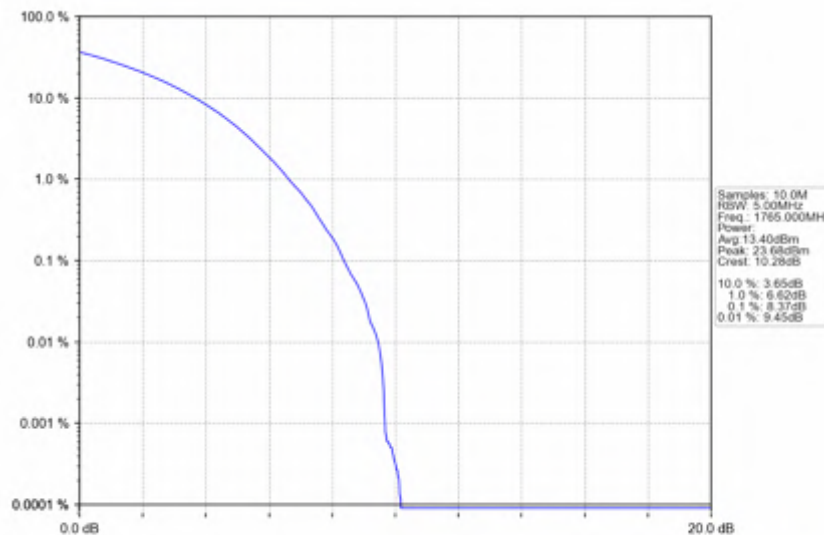
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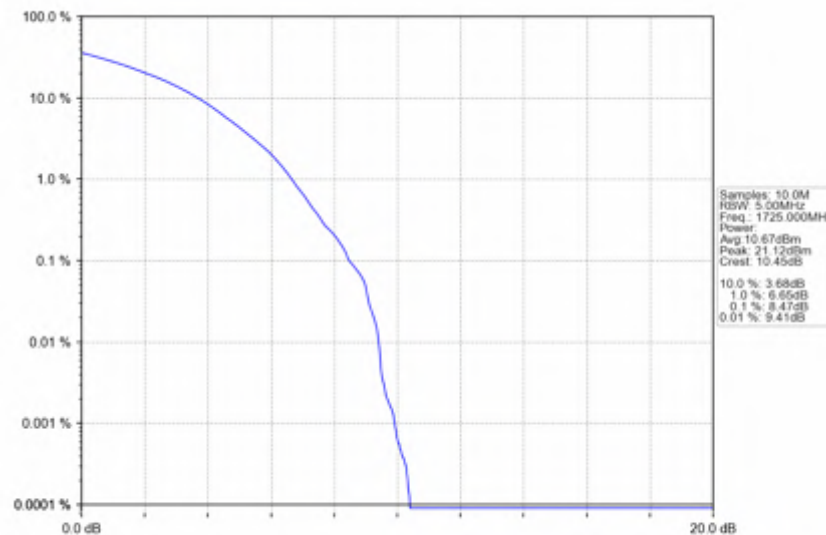


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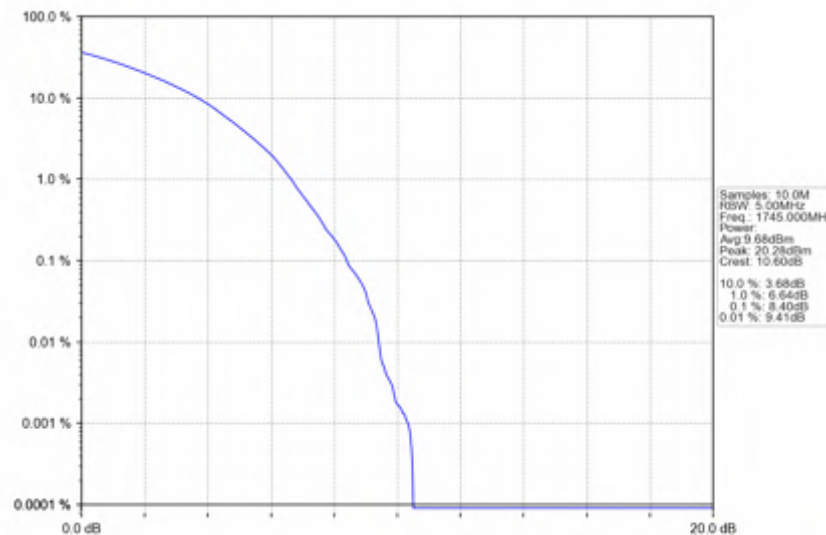
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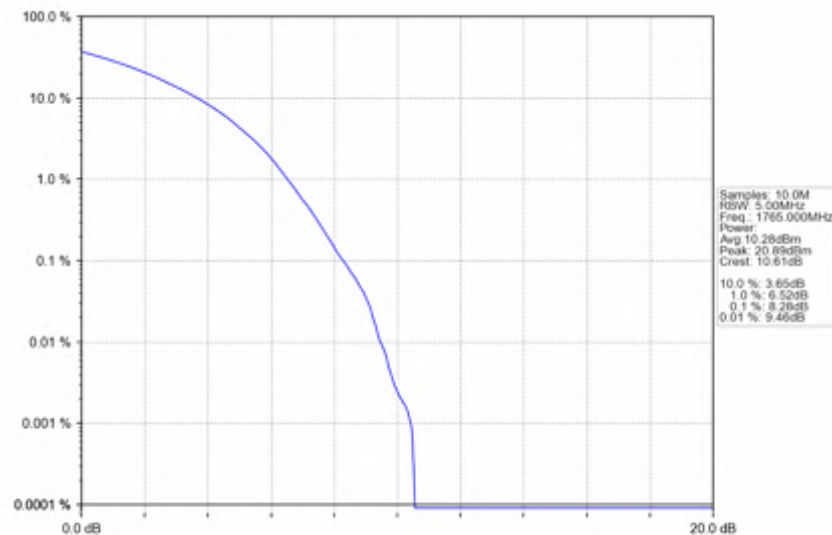


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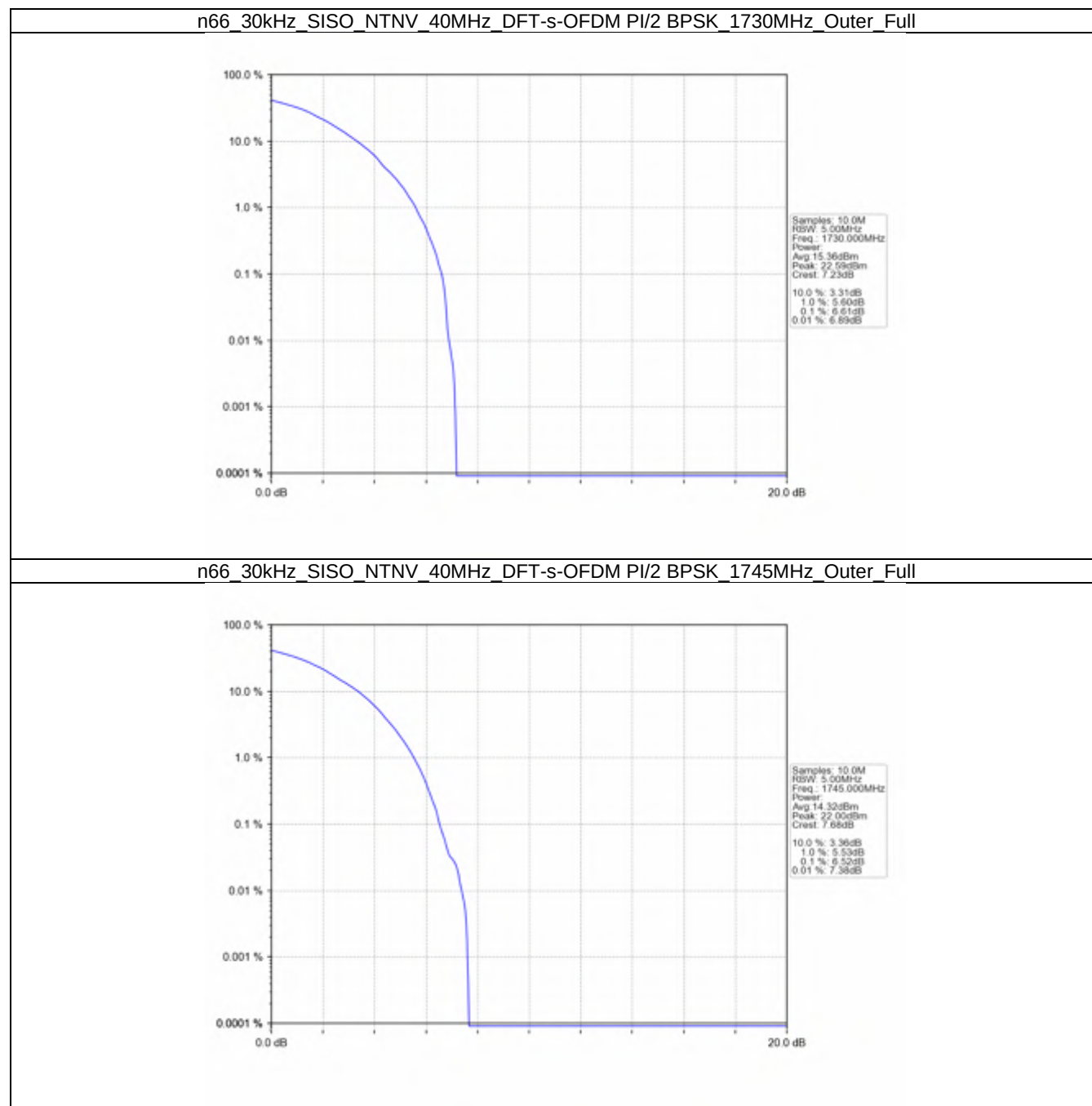
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7.13 30k_SISO_40MHz_NTNV

7.13.1 Test Result

5G NR n66 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	1730	Outer_Full	6.61	/	/	<=13	Pass
	1745	Outer_Full	6.52	/	/	<=13	Pass
	1760	Outer_Full	6.53	/	/	<=13	Pass
DFT-s-OFDM QPSK	1730	Outer_Full	7.50	/	/	<=13	Pass
	1745	Outer_Full	7.49	/	/	<=13	Pass
	1760	Outer_Full	7.55	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	7.75	/	/	<=13	Pass
	1745	Outer_Full	7.91	/	/	<=13	Pass
	1760	Outer_Full	8.09	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	7.77	/	/	<=13	Pass
	1745	Outer_Full	7.80	/	/	<=13	Pass
	1760	Outer_Full	8.01	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	8.07	/	/	<=13	Pass
	1745	Outer_Full	7.99	/	/	<=13	Pass
	1760	Outer_Full	7.71	/	/	<=13	Pass
CP-OFDM QPSK	1730	Outer_Full	8.33	/	/	<=13	Pass
	1745	Outer_Full	8.37	/	/	<=13	Pass
	1760	Outer_Full	8.40	/	/	<=13	Pass
CP-OFDM 16 QAM	1730	Outer_Full	8.16	/	/	<=13	Pass
	1745	Outer_Full	8.16	/	/	<=13	Pass
	1760	Outer_Full	8.19	/	/	<=13	Pass
CP-OFDM 64 QAM	1730	Outer_Full	7.98	/	/	<=13	Pass
	1745	Outer_Full	8.26	/	/	<=13	Pass
	1760	Outer_Full	8.33	/	/	<=13	Pass
CP-OFDM 256 QAM	1730	Outer_Full	8.45	/	/	<=13	Pass
	1745	Outer_Full	8.44	/	/	<=13	Pass
	1760	Outer_Full	8.50	/	/	<=13	Pass

7.13.2 Test Graph



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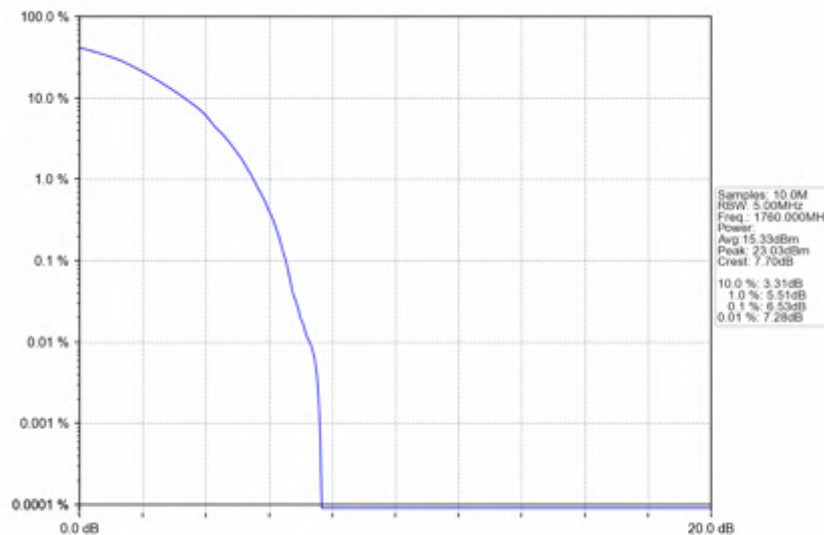
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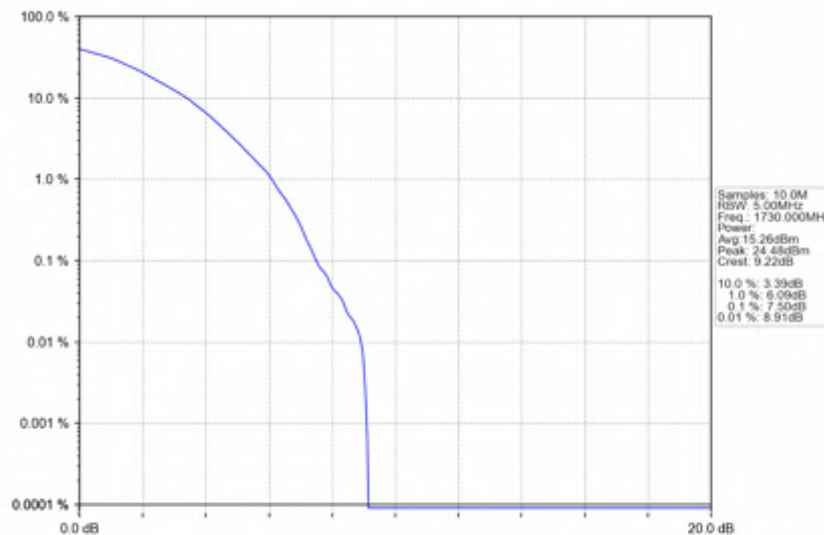
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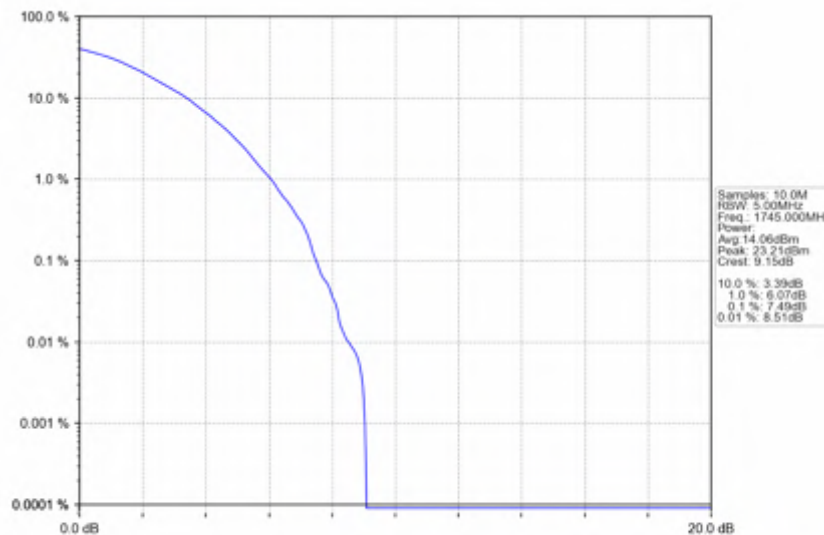


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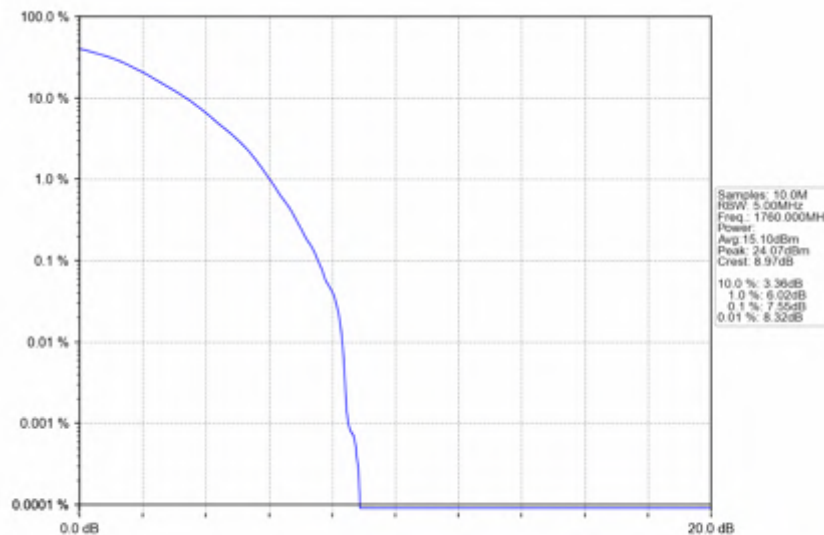
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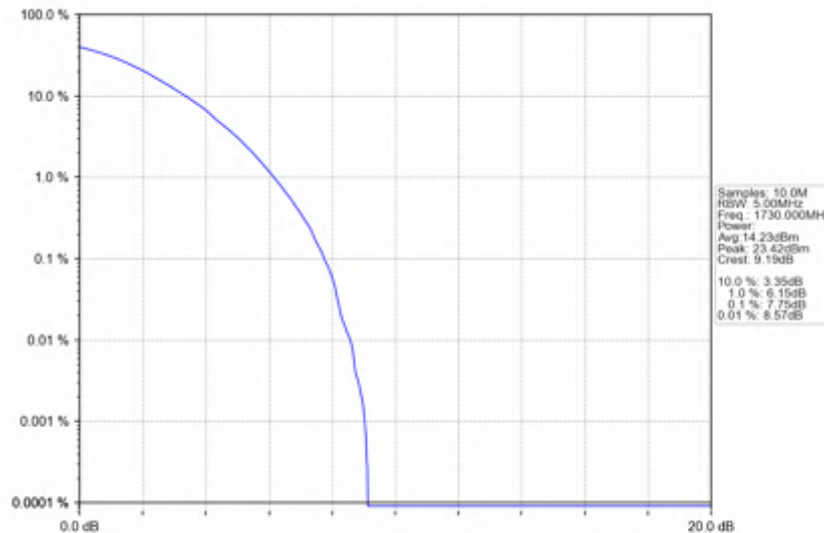


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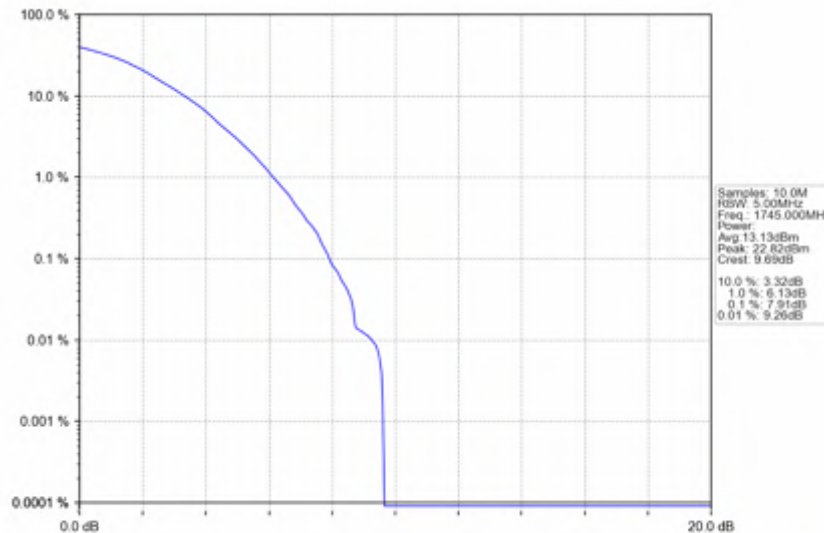
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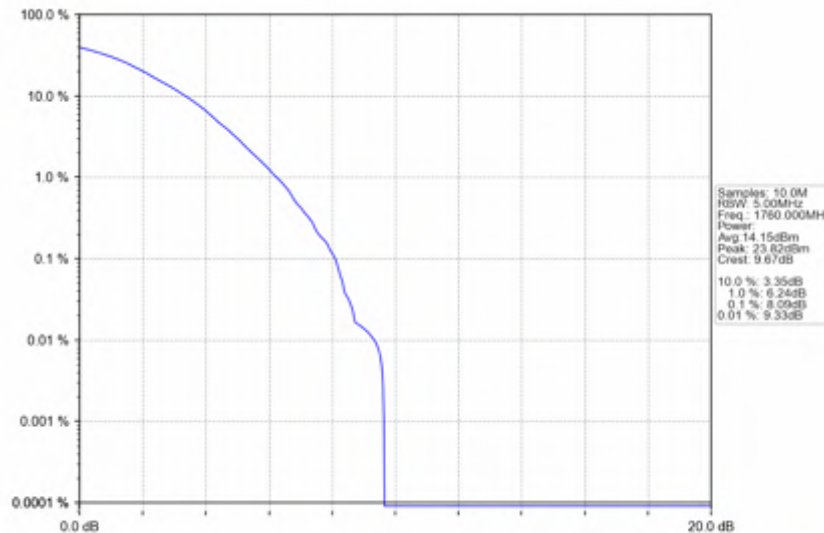
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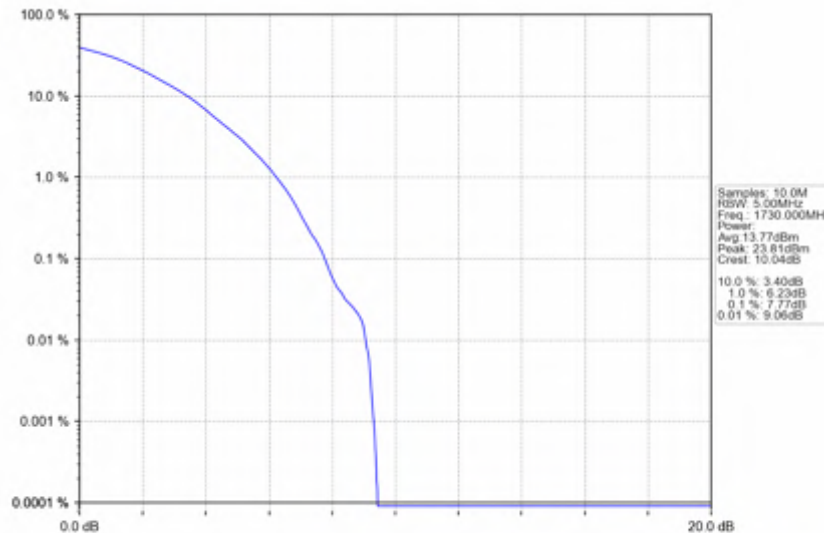
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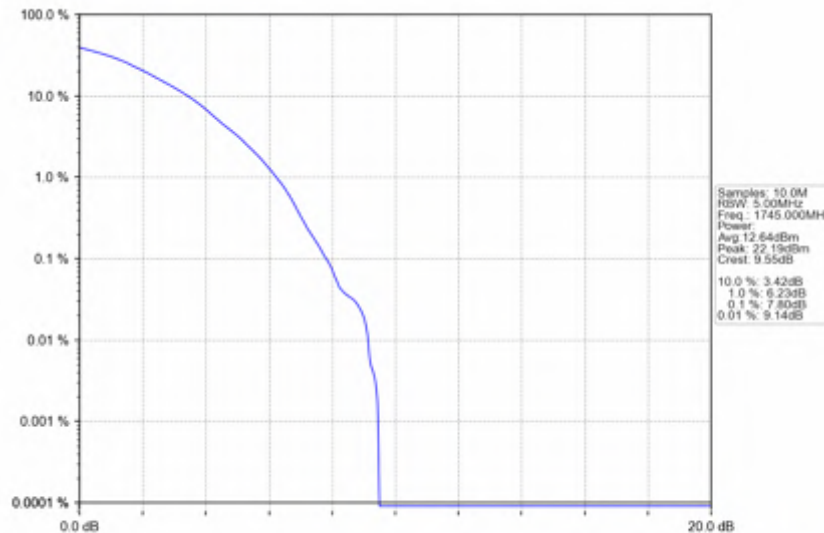


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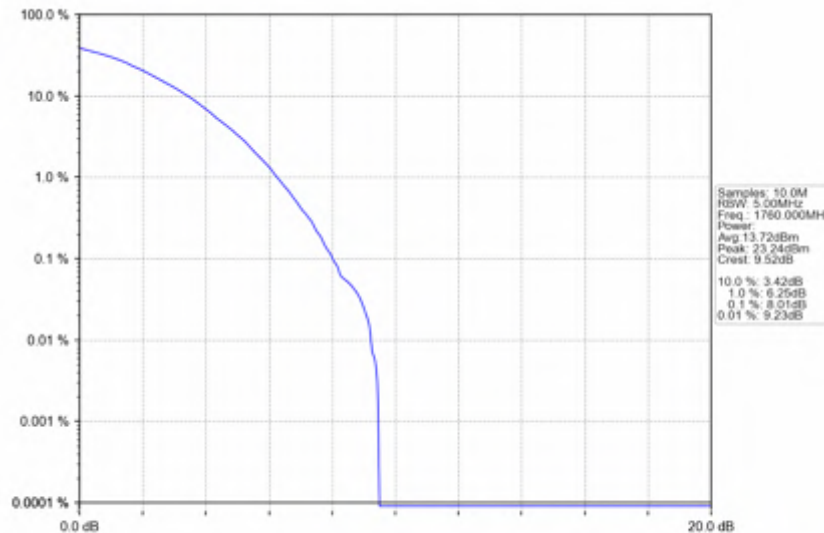
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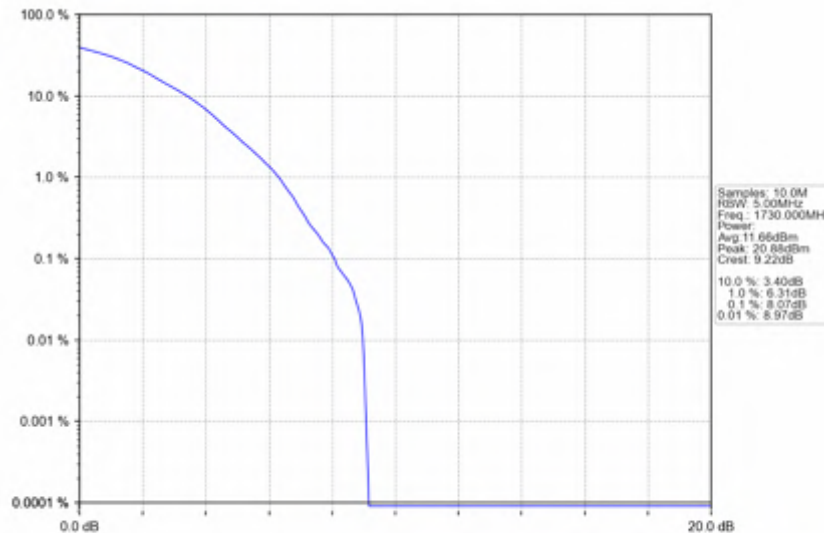
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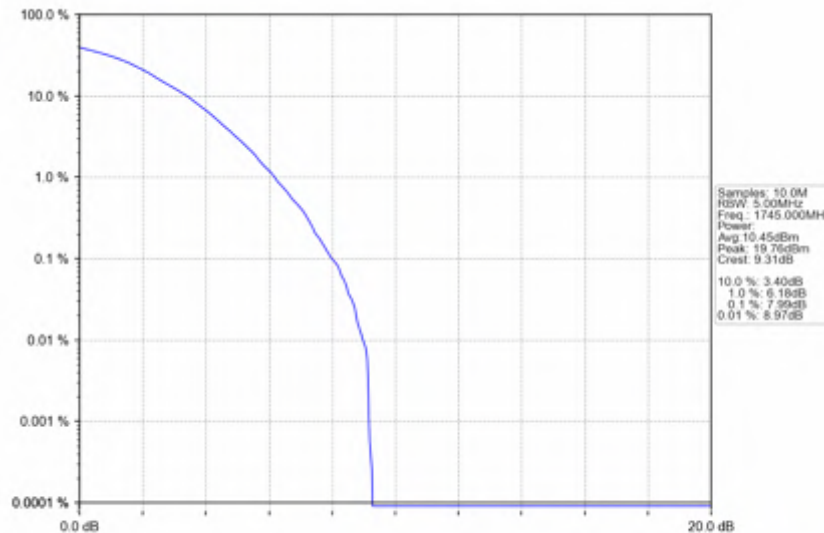
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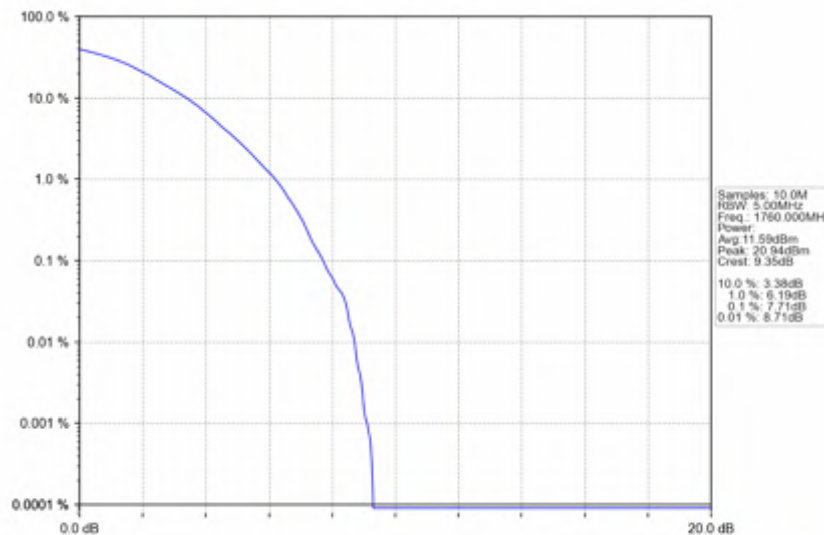
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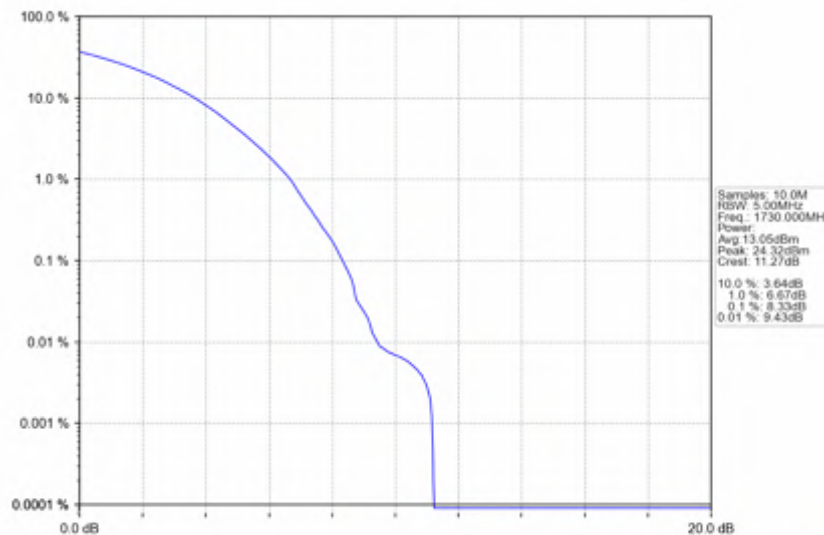
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n66_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_1760MHz_Outer_Full



n66_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_1730MHz_Outer_Full

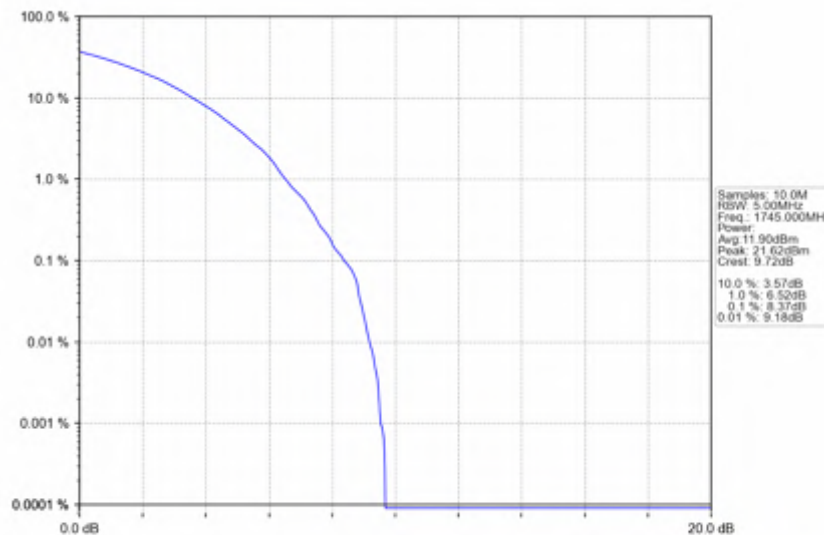


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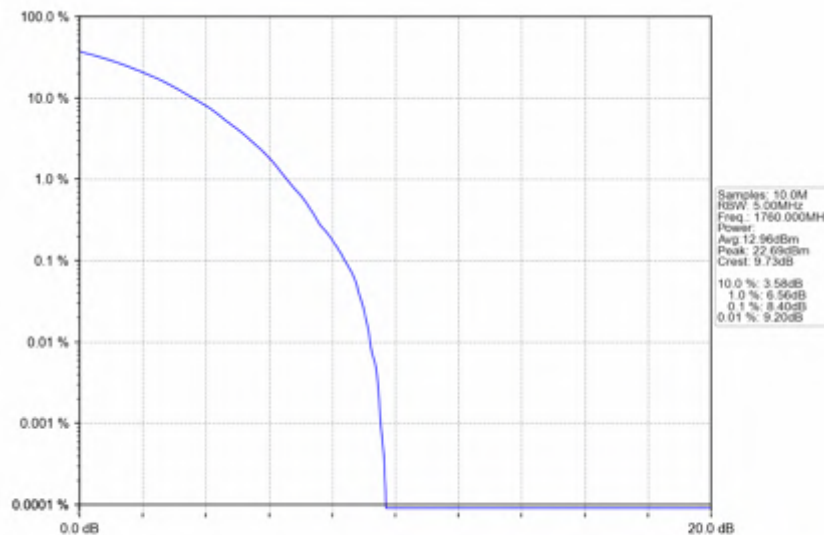
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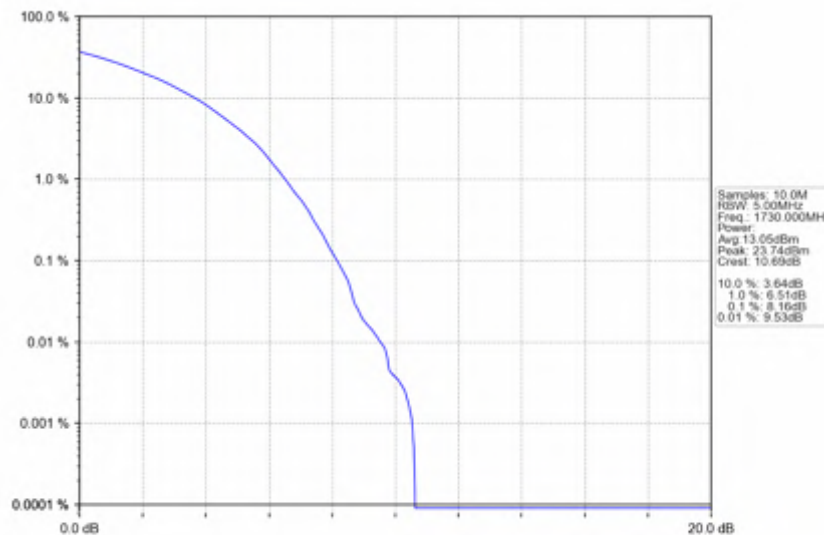
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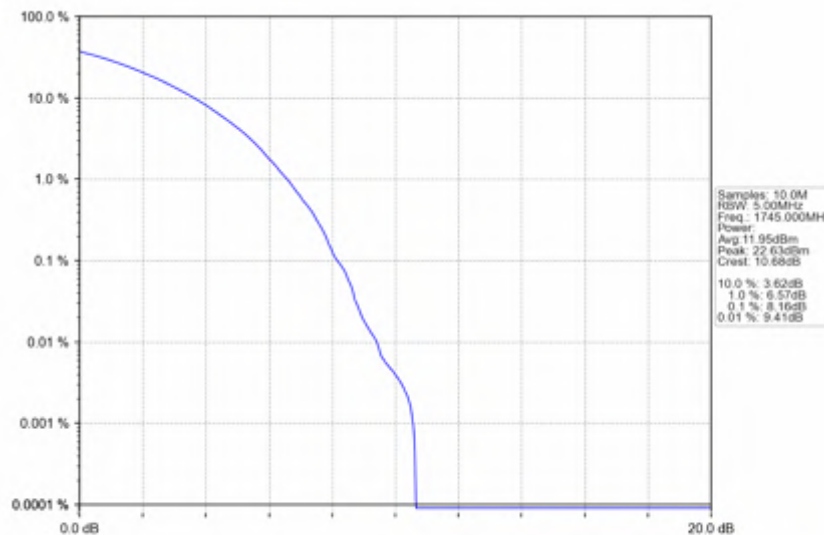
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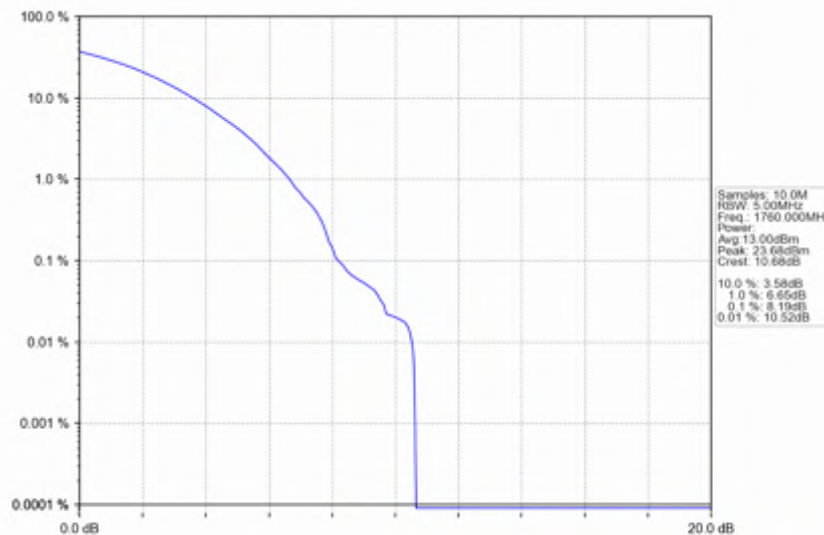


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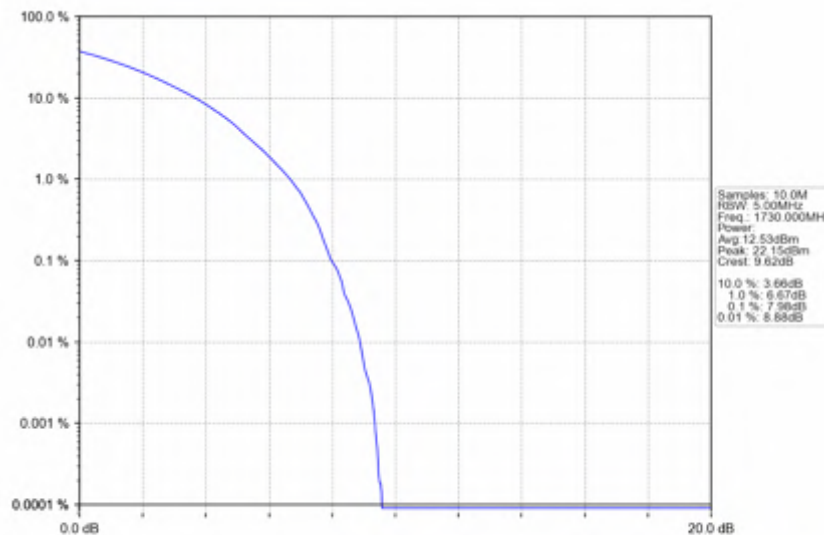
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n66_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_1760MHz_Outer_Full



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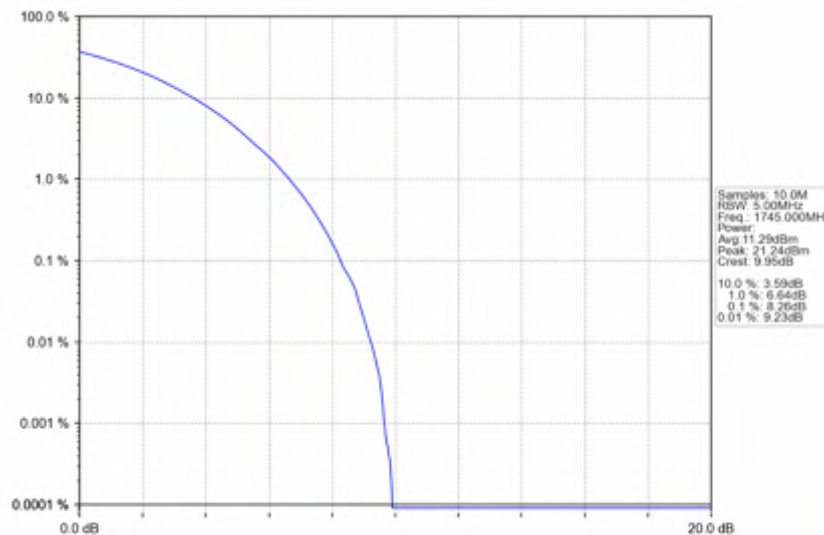


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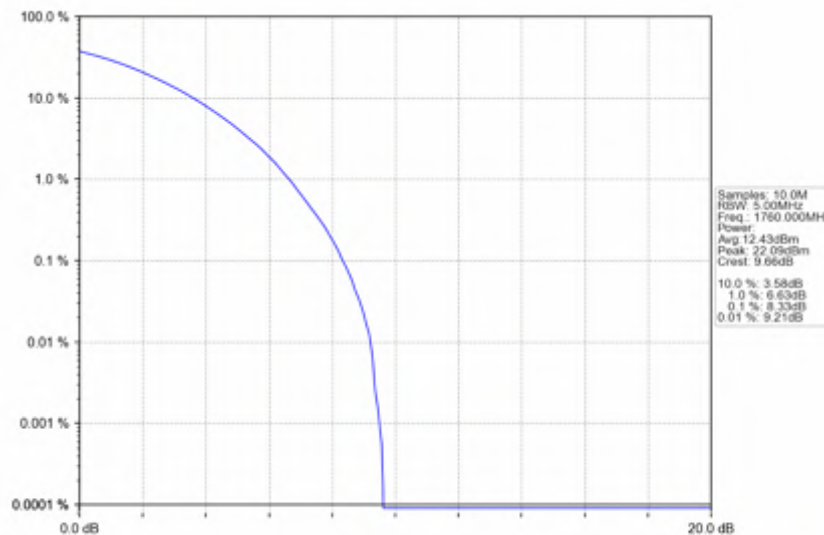
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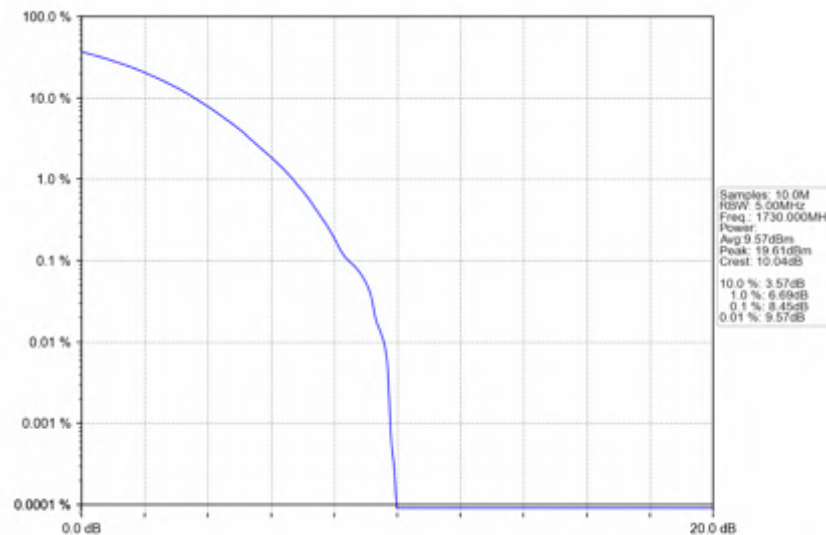


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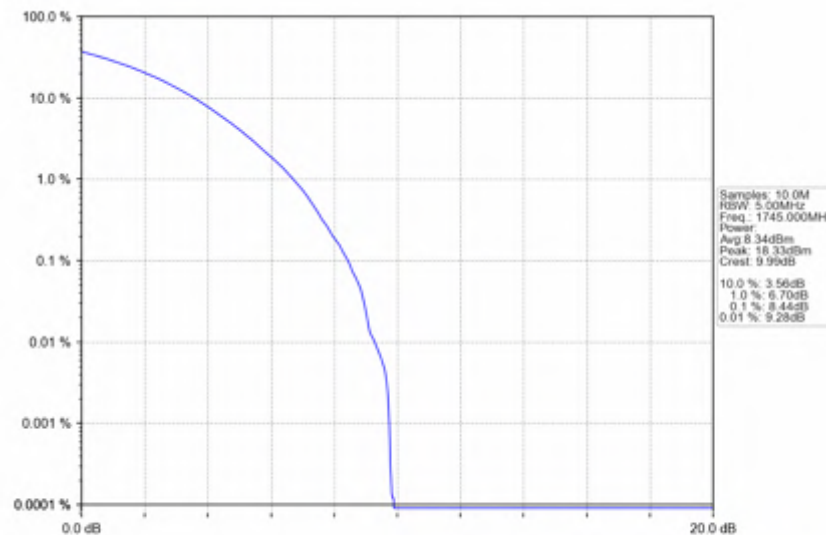
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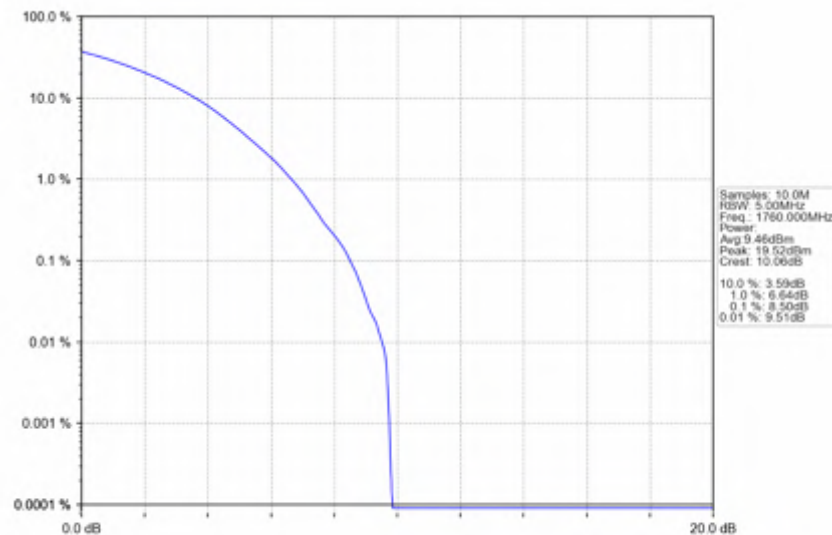
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8. n78d Peak-Average Ratio

8.1 15k_SISO_10MHz_NTNV

8.1.1 Test Result

5G NR n78d 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	3555	Outer_Full	9.14	/	/	<=13	Pass
	3625.005	Outer_Full	8.96	/	/	<=13	Pass
	3694.995	Outer_Full	9.00	/	/	<=13	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	9.15	/	/	<=13	Pass
	3625.005	Outer_Full	9.13	/	/	<=13	Pass
	3694.995	Outer_Full	9.23	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	10.25	/	/	<=13	Pass
	3625.005	Outer_Full	10.24	/	/	<=13	Pass
	3694.995	Outer_Full	10.05	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	10.21	/	/	<=13	Pass
	3625.005	Outer_Full	10.14	/	/	<=13	Pass
	3694.995	Outer_Full	10.13	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	10.37	/	/	<=13	Pass
	3625.005	Outer_Full	10.22	/	/	<=13	Pass
	3694.995	Outer_Full	10.43	/	/	<=13	Pass
CP-OFDM QPSK	3555	Outer_Full	11.81	/	/	<=13	Pass
	3625.005	Outer_Full	11.75	/	/	<=13	Pass
	3694.995	Outer_Full	11.90	/	/	<=13	Pass
CP-OFDM 16 QAM	3555	Outer_Full	11.71	/	/	<=13	Pass
	3625.005	Outer_Full	11.83	/	/	<=13	Pass
	3694.995	Outer_Full	11.58	/	/	<=13	Pass
CP-OFDM 64 QAM	3555	Outer_Full	11.40	/	/	<=13	Pass
	3625.005	Outer_Full	11.75	/	/	<=13	Pass
	3694.995	Outer_Full	11.51	/	/	<=13	Pass
CP-OFDM 256 QAM	3555	Outer_Full	11.73	/	/	<=13	Pass
	3625.005	Outer_Full	11.83	/	/	<=13	Pass
	3694.995	Outer_Full	11.92	/	/	<=13	Pass



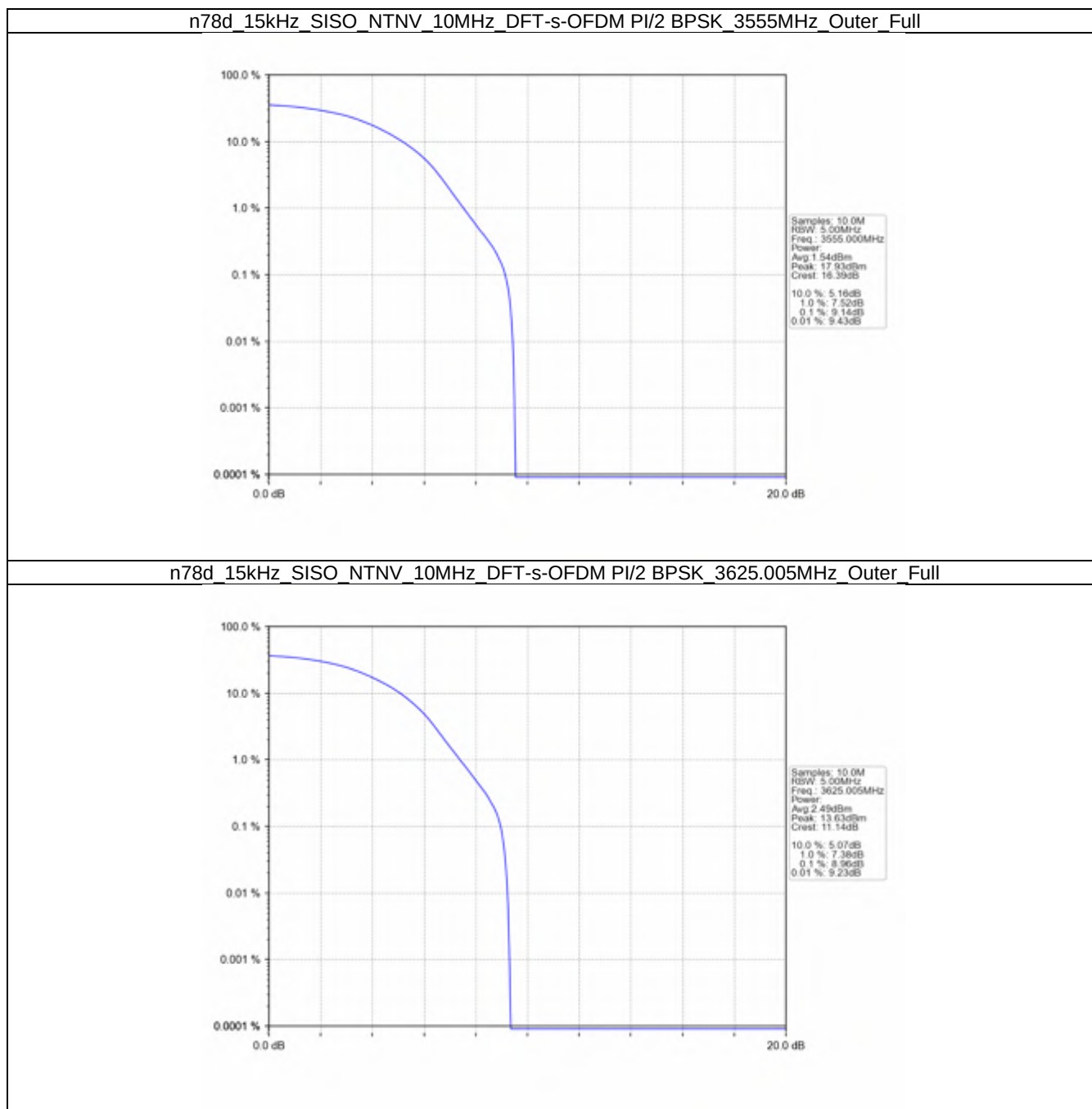
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8.1.2 Test Graph



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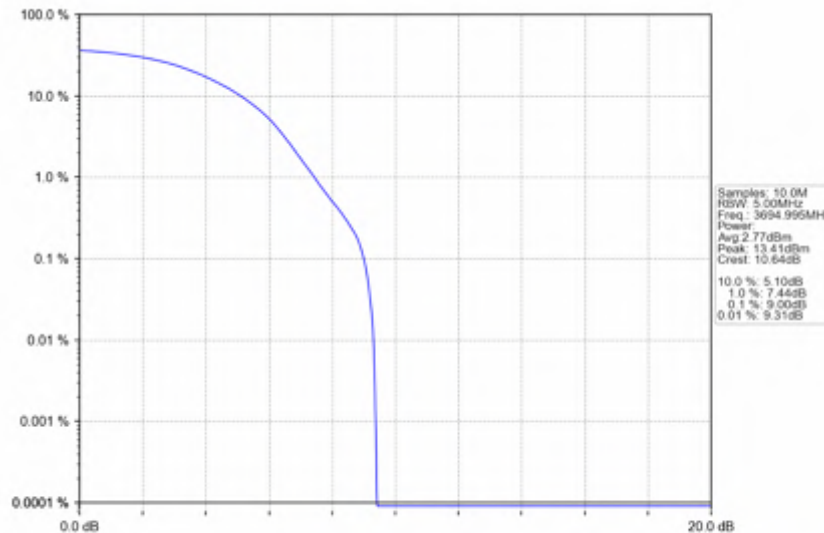
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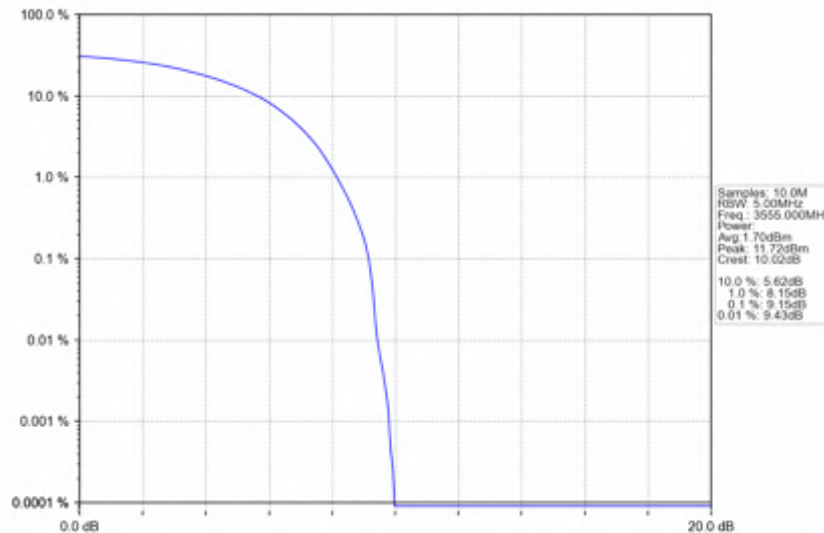
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3555MHz_Outer_Full



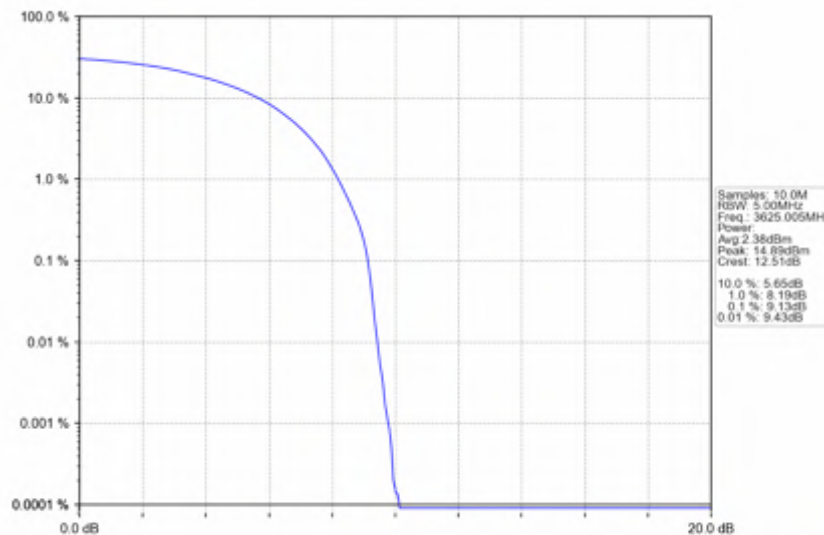
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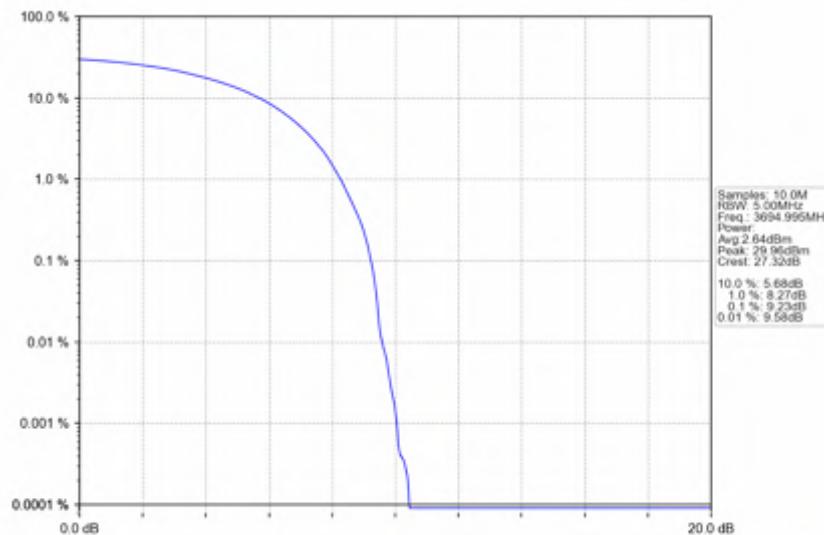
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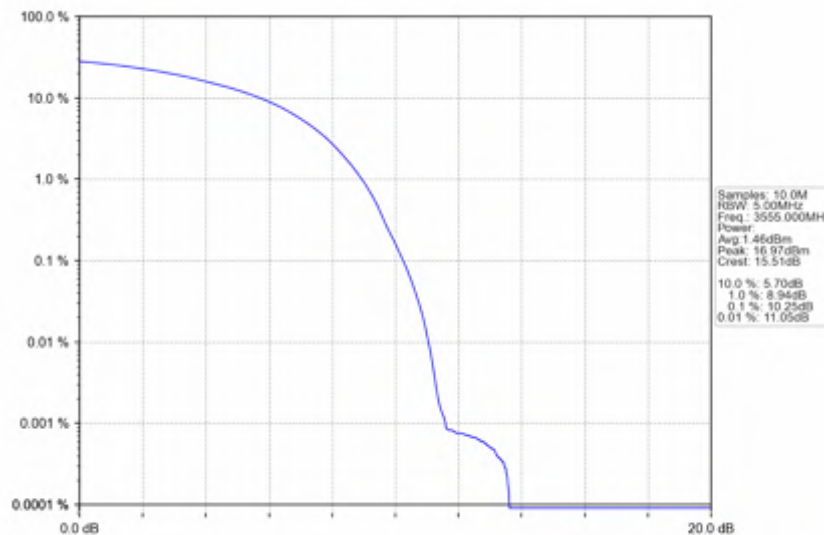
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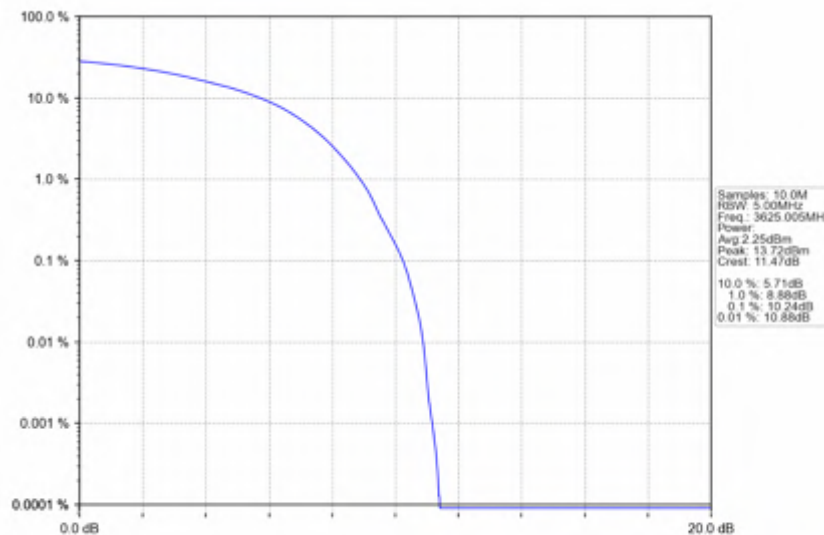
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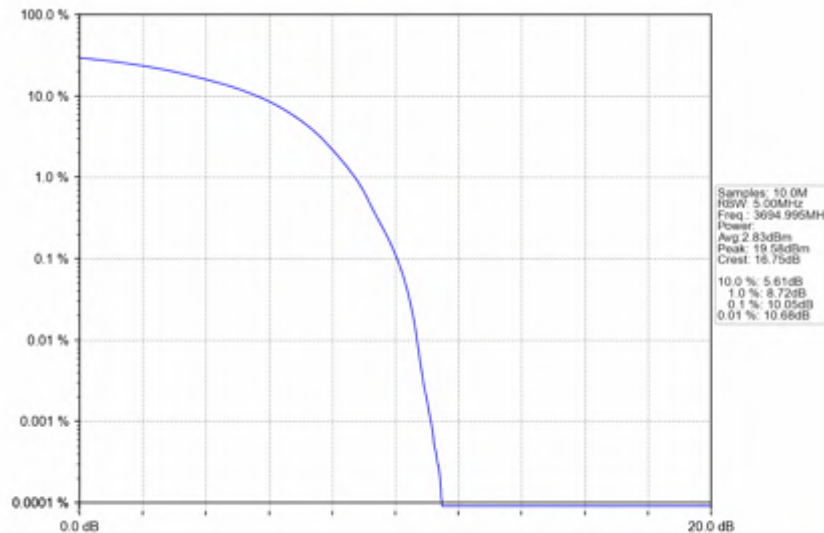


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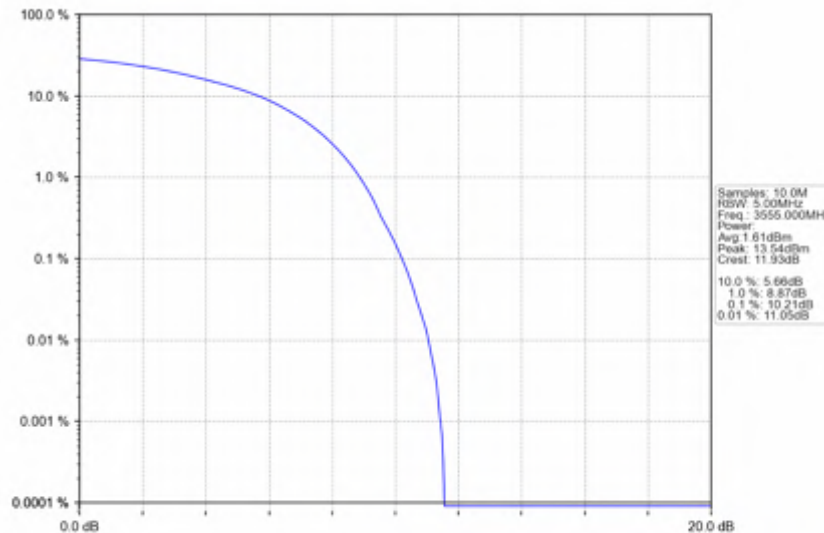
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3694.995MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3555MHz_Outer_Full

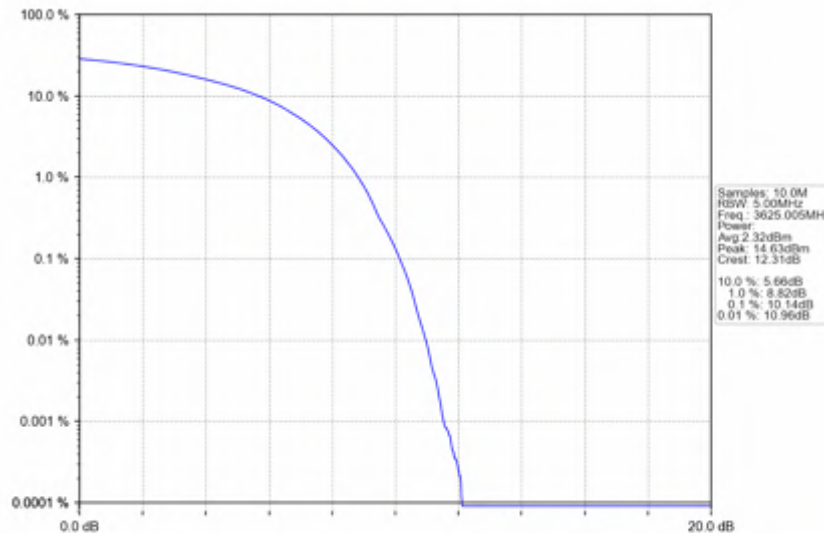


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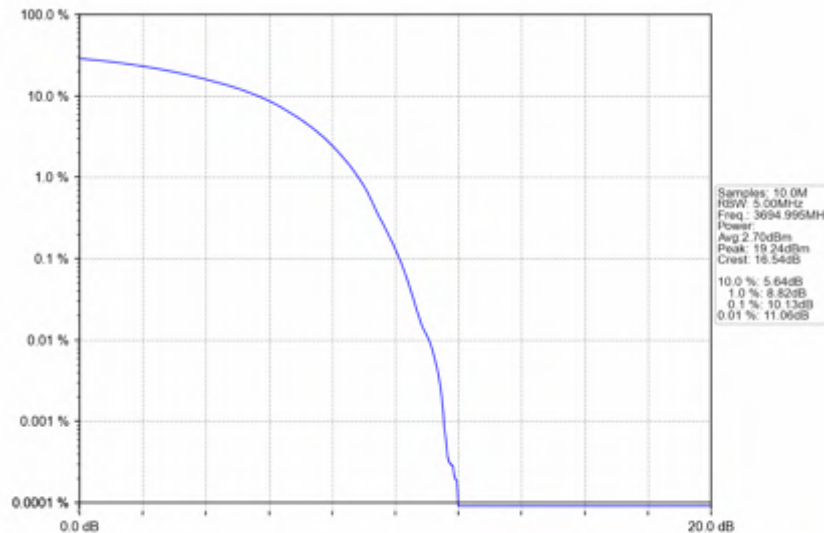
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3694.995MHz_Outer_Full



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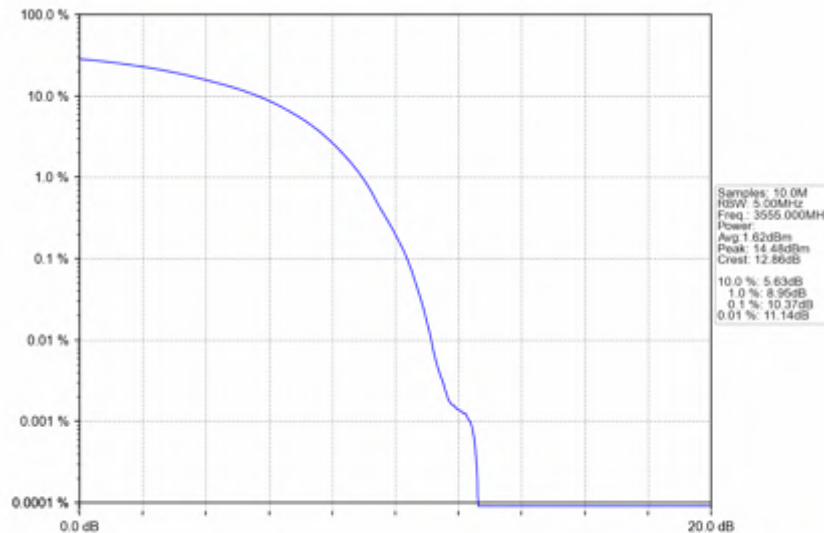
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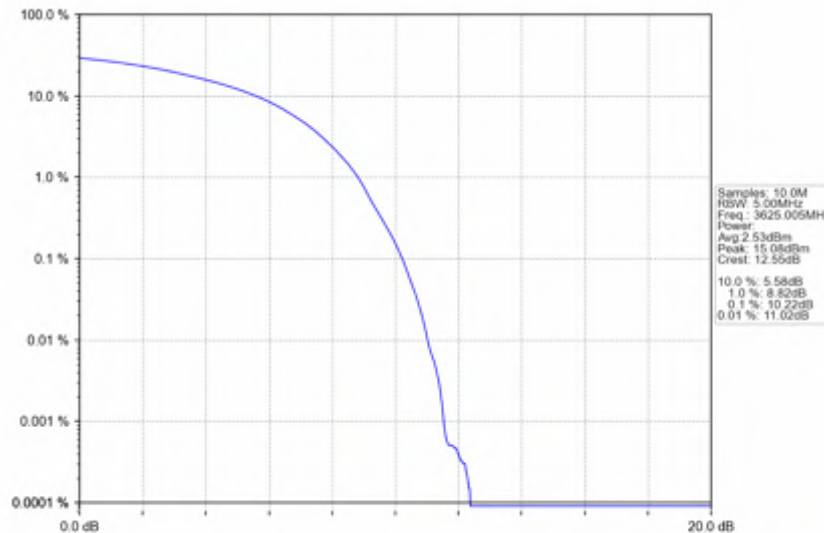
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3555MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Outer_Full



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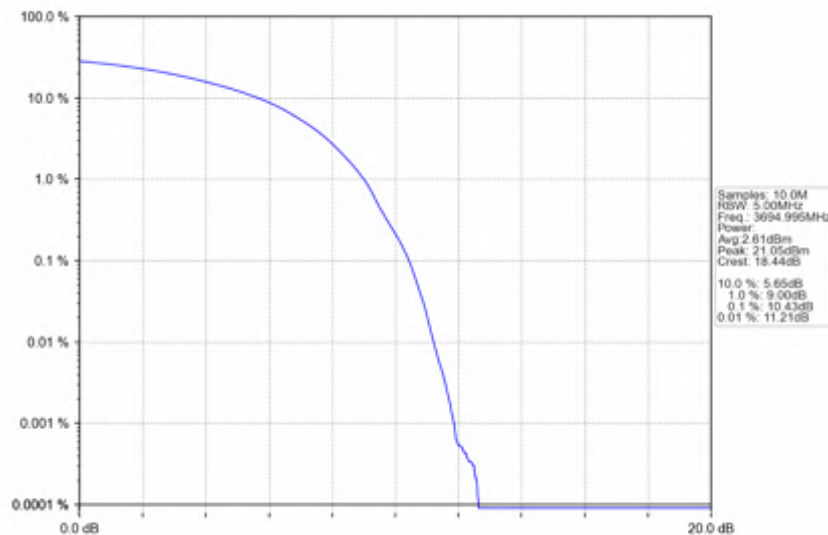
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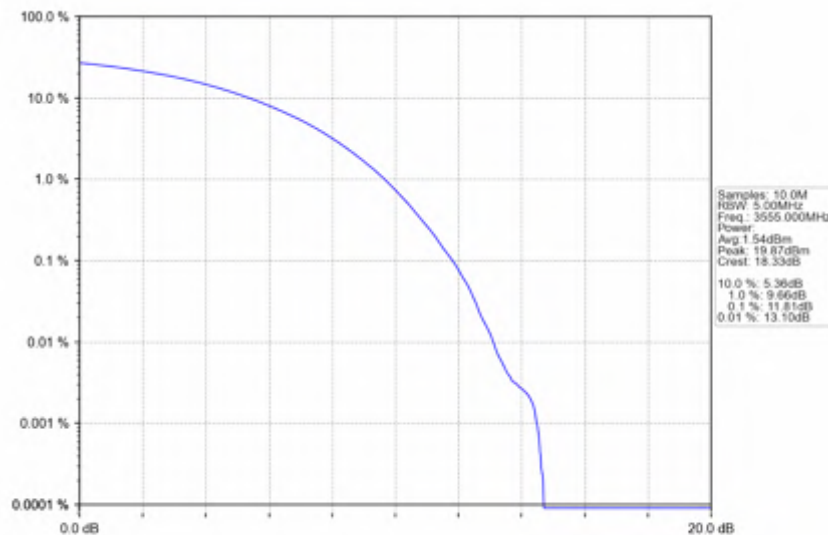
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3694.995MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full

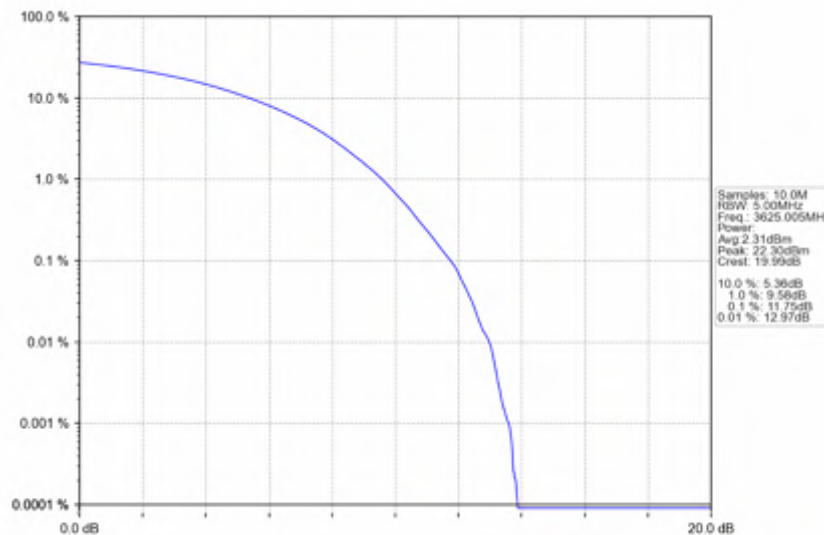


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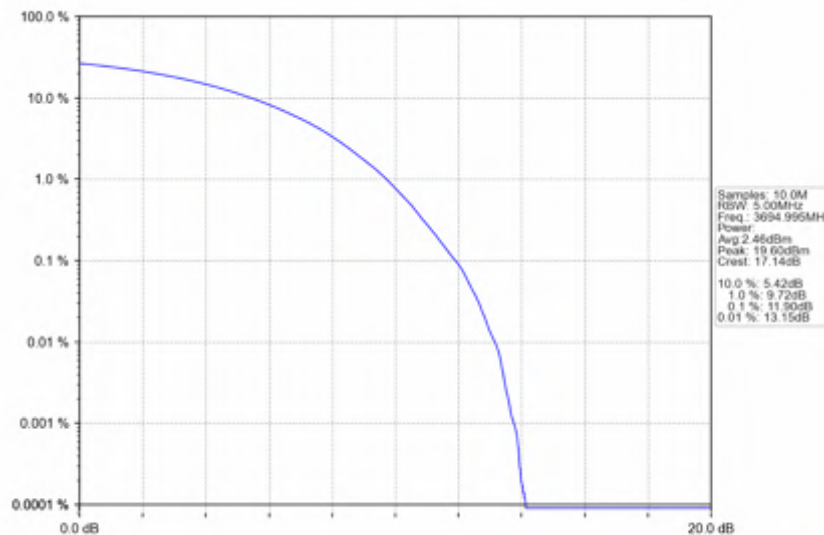
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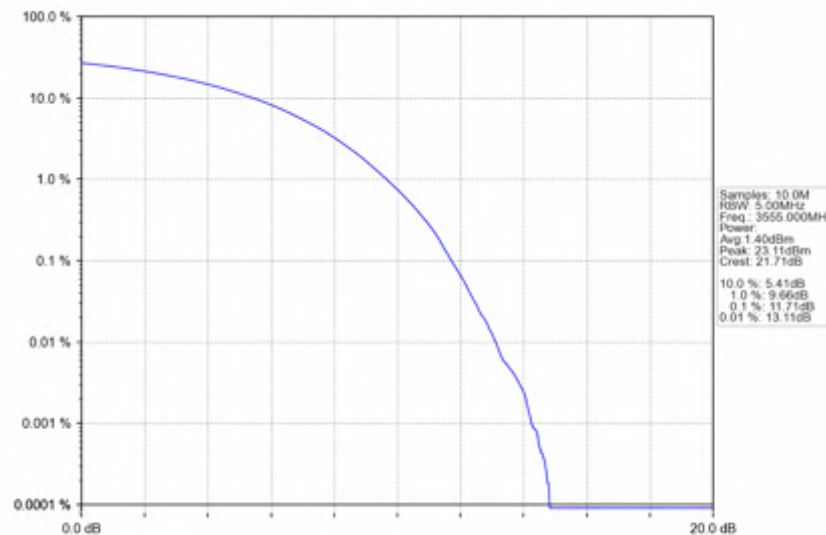


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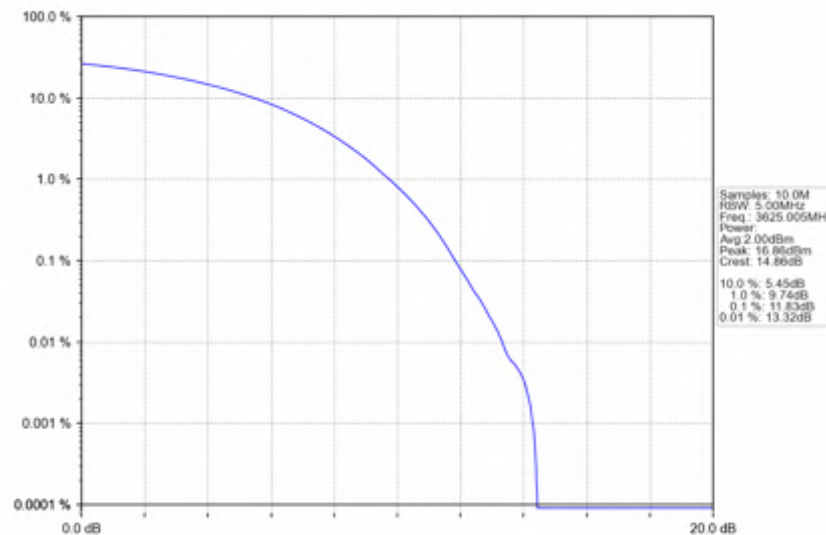
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3555MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3625.005MHz_Outer_Full

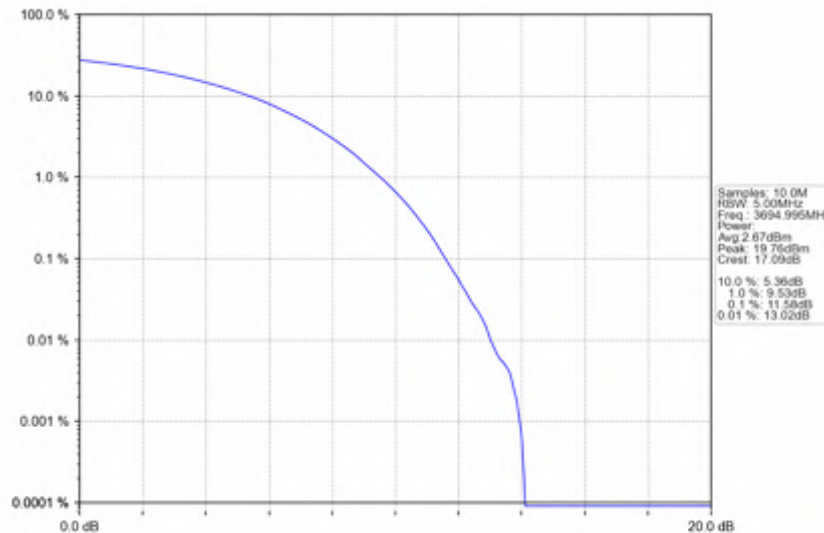


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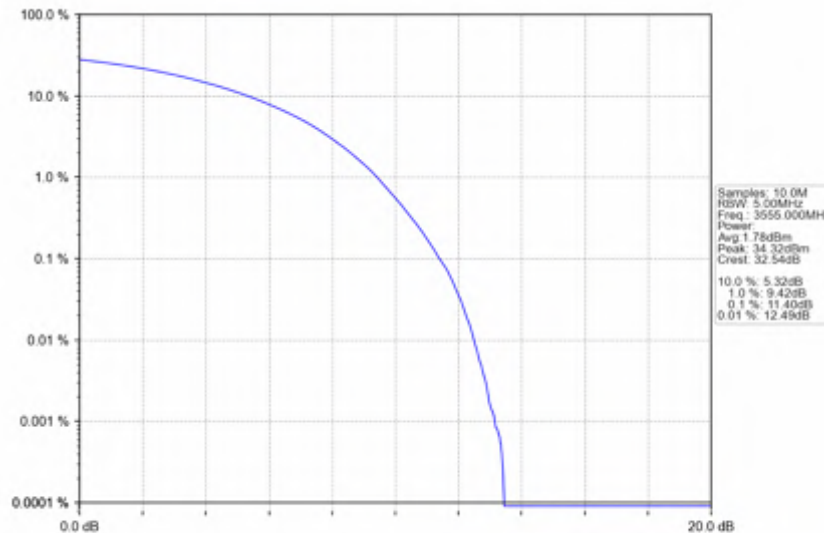
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3694.995MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3555MHz_Outer_Full

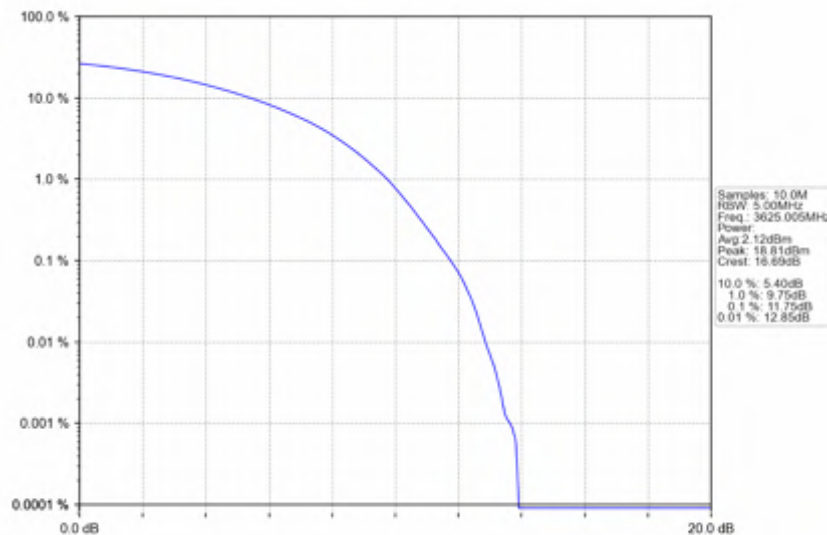


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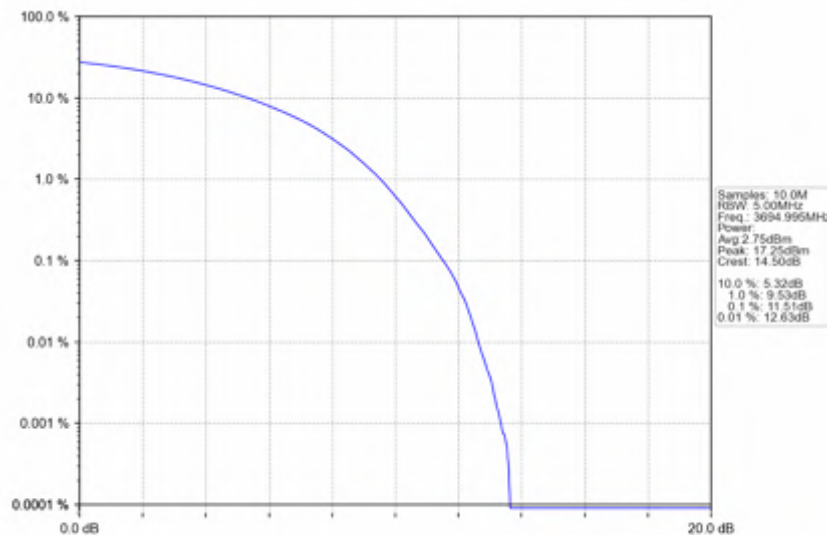
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3625.005MHz_Outer_Full



n78d	15kHz	SISO	NTNV	10MHz	CP-OFDM	64 QAM	3694.995MHz	Outer	Full
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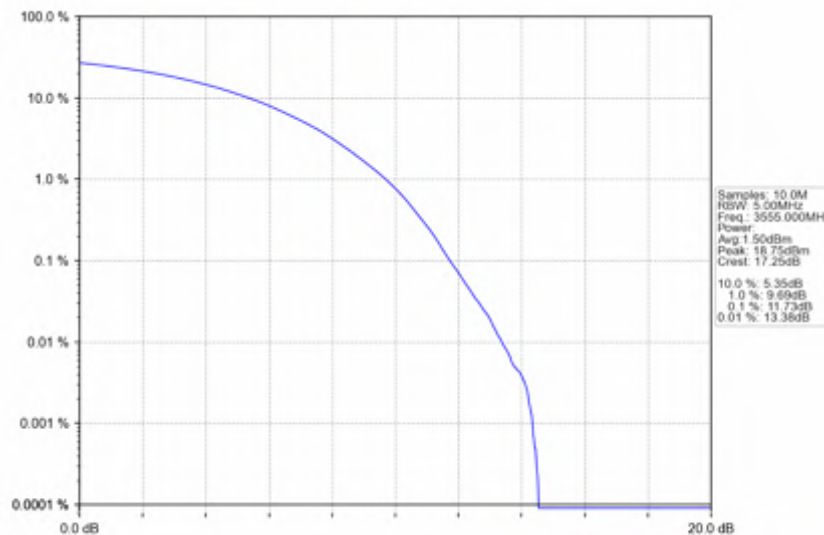


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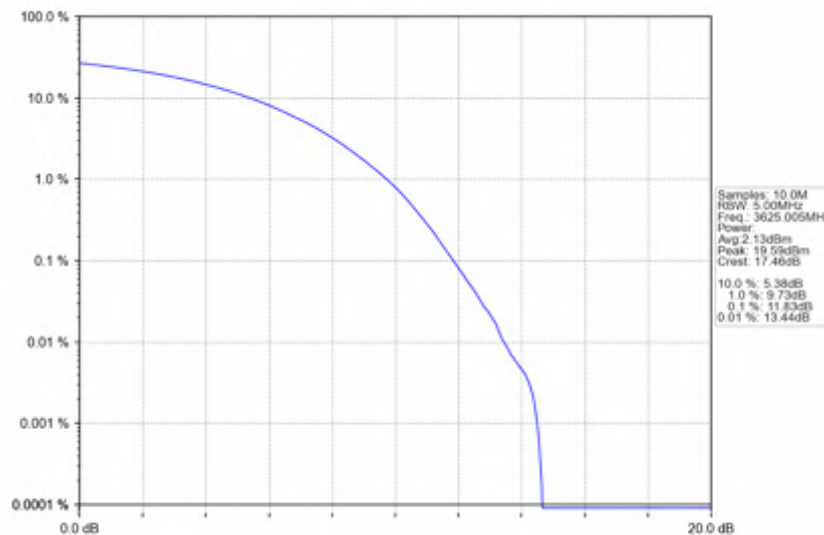
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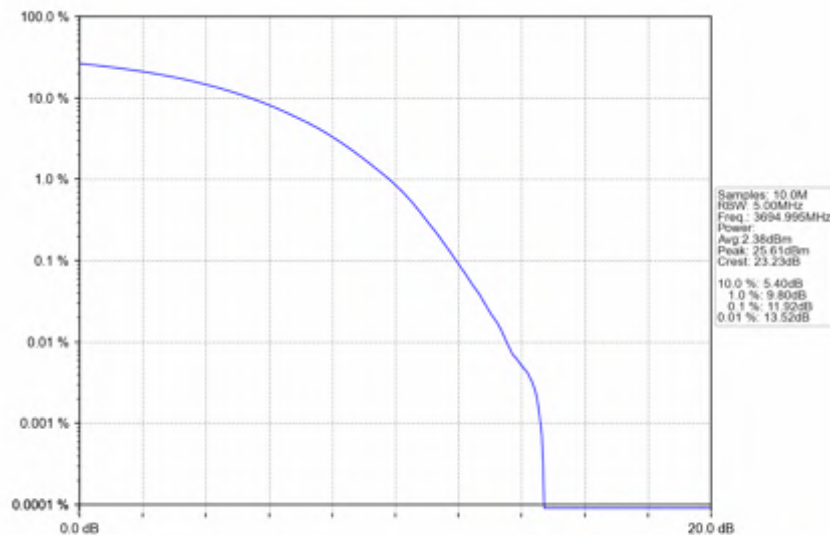
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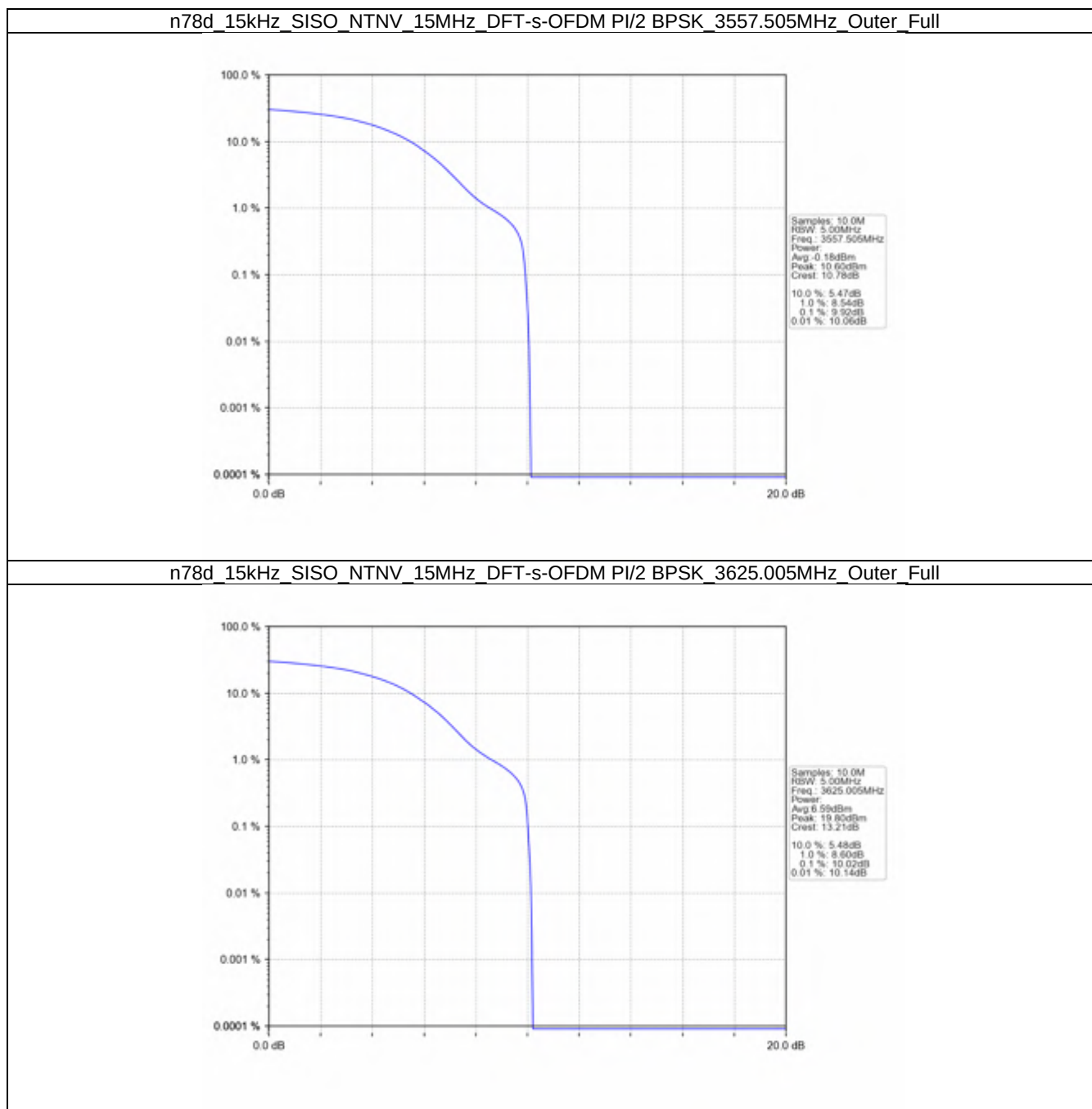
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8.2 15k_SISO_15MHz_NTNV

8.2.1 Test Result

5G NR n78d 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	3557.505	Outer_Full	9.92	/	/	<=13	Pass
	3625.005	Outer_Full	10.02	/	/	<=13	Pass
	3692.49	Outer_Full	9.93	/	/	<=13	Pass
DFT-s-OFDM QPSK	3557.505	Outer_Full	9.93	/	/	<=13	Pass
	3625.005	Outer_Full	10.00	/	/	<=13	Pass
	3692.49	Outer_Full	9.85	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3557.505	Outer_Full	10.57	/	/	<=13	Pass
	3625.005	Outer_Full	10.63	/	/	<=13	Pass
	3692.49	Outer_Full	10.50	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3557.505	Outer_Full	10.57	/	/	<=13	Pass
	3625.005	Outer_Full	10.57	/	/	<=13	Pass
	3692.49	Outer_Full	10.60	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3557.505	Outer_Full	10.61	/	/	<=13	Pass
	3625.005	Outer_Full	10.58	/	/	<=13	Pass
	3692.49	Outer_Full	10.70	/	/	<=13	Pass
CP-OFDM QPSK	3557.505	Outer_Full	11.51	/	/	<=13	Pass
	3625.005	Outer_Full	11.80	/	/	<=13	Pass
	3692.49	Outer_Full	11.93	/	/	<=13	Pass
CP-OFDM 16 QAM	3557.505	Outer_Full	11.55	/	/	<=13	Pass
	3625.005	Outer_Full	11.64	/	/	<=13	Pass
	3692.49	Outer_Full	11.65	/	/	<=13	Pass
CP-OFDM 64 QAM	3557.505	Outer_Full	11.75	/	/	<=13	Pass
	3625.005	Outer_Full	11.98	/	/	<=13	Pass
	3692.49	Outer_Full	11.88	/	/	<=13	Pass
CP-OFDM 256 QAM	3557.505	Outer_Full	11.68	/	/	<=13	Pass
	3625.005	Outer_Full	11.34	/	/	<=13	Pass
	3692.49	Outer_Full	11.30	/	/	<=13	Pass

8.2.2 Test Graph



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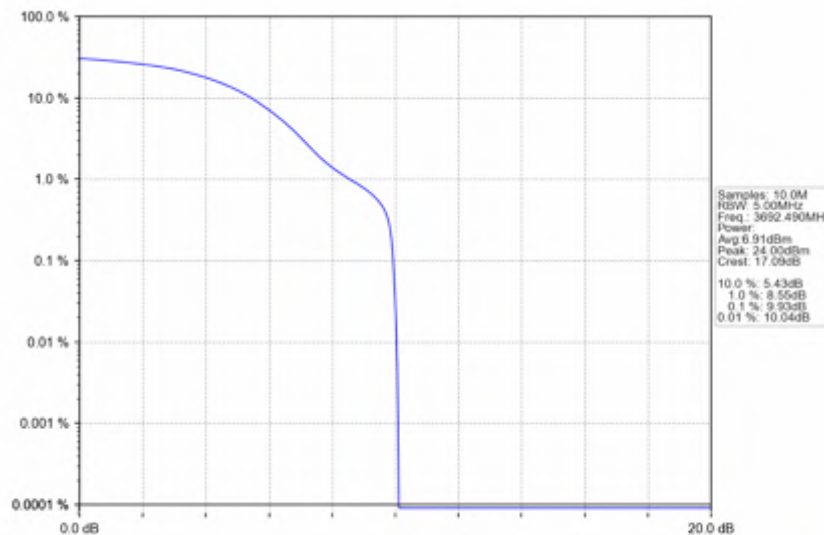
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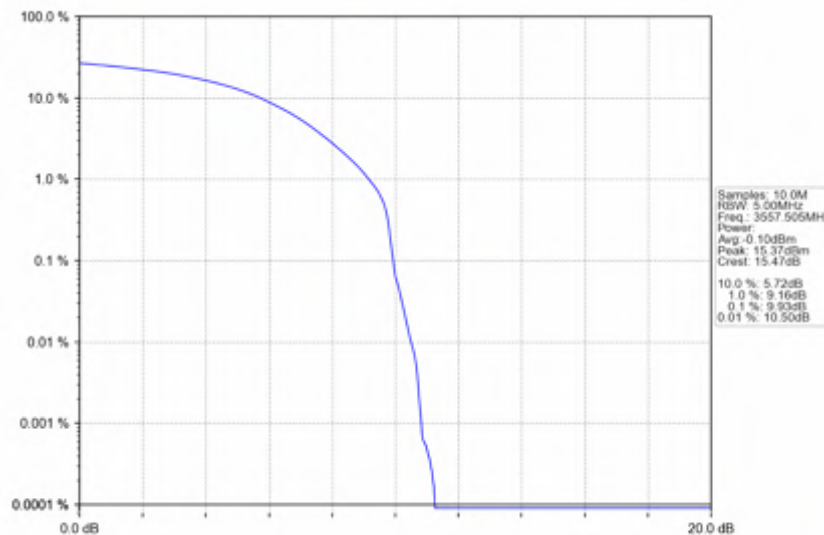
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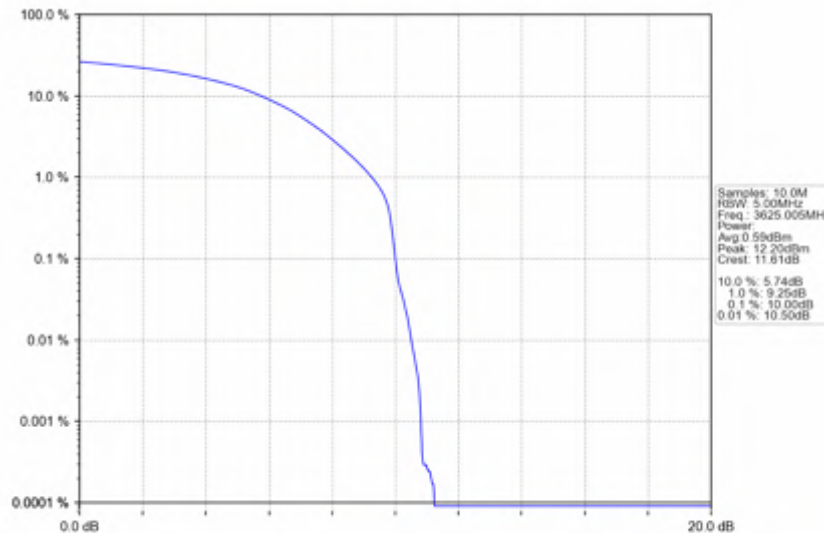
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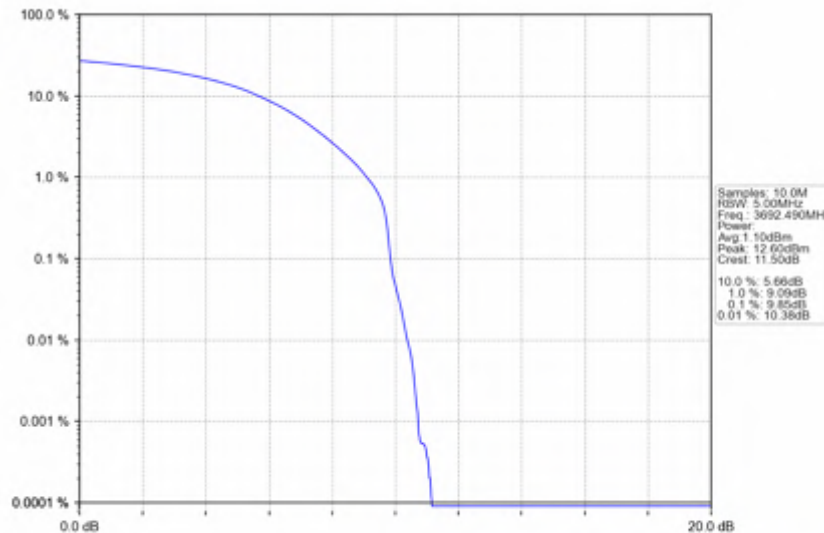
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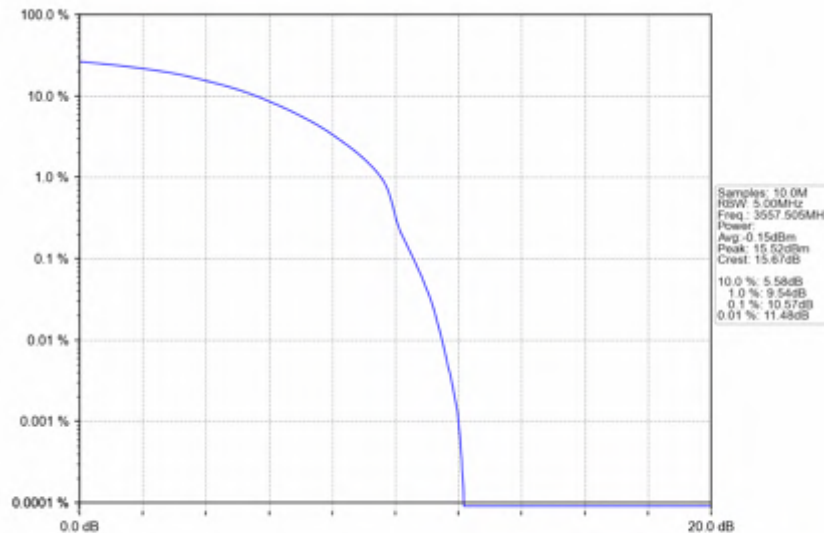
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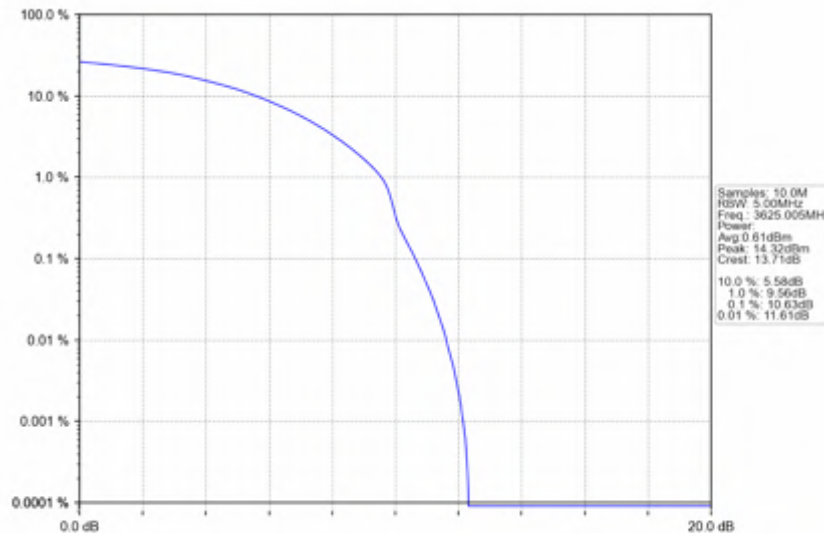
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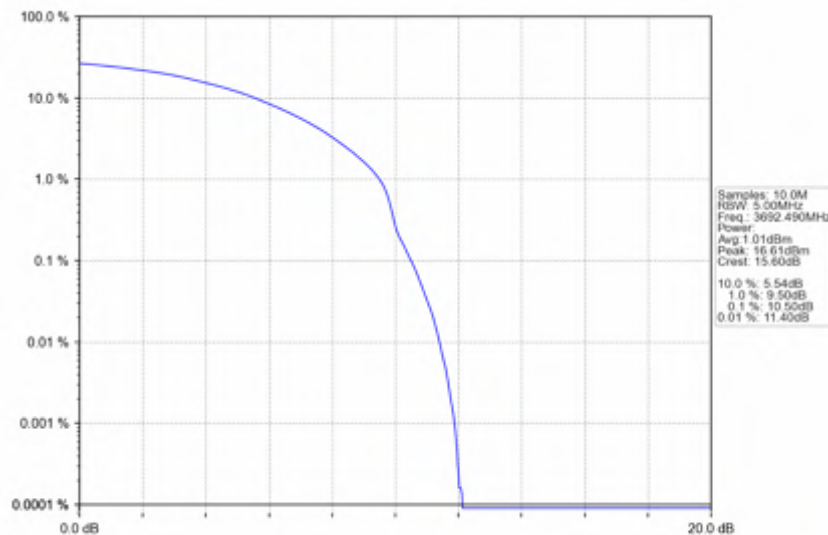


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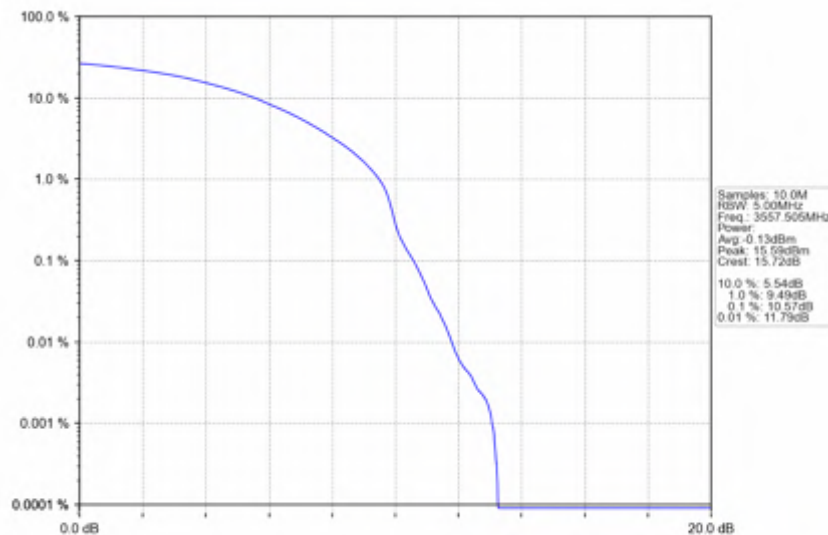
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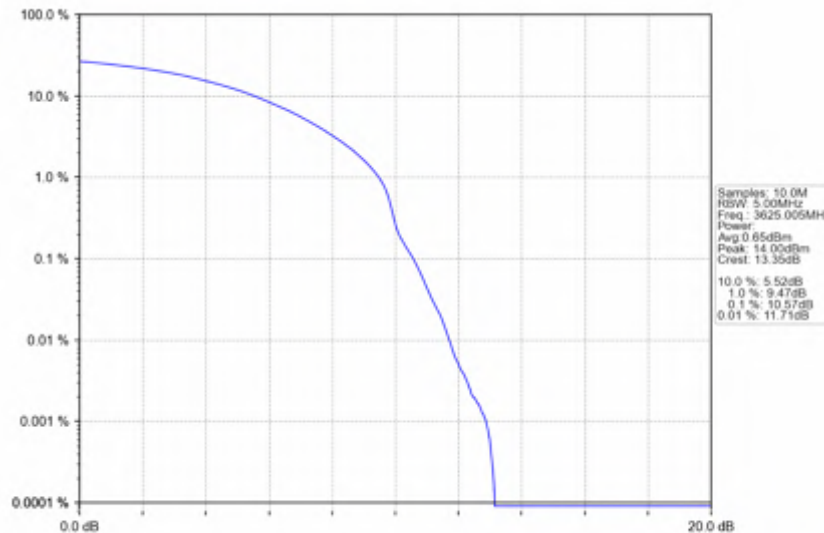


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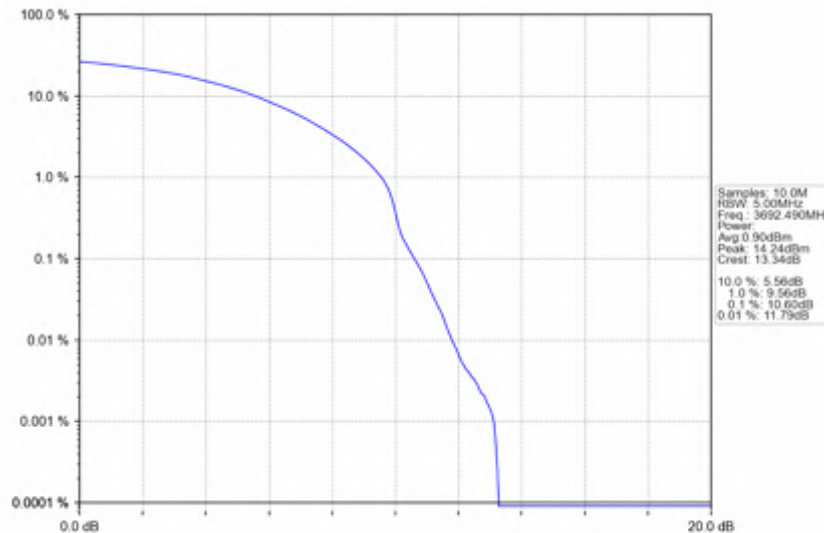
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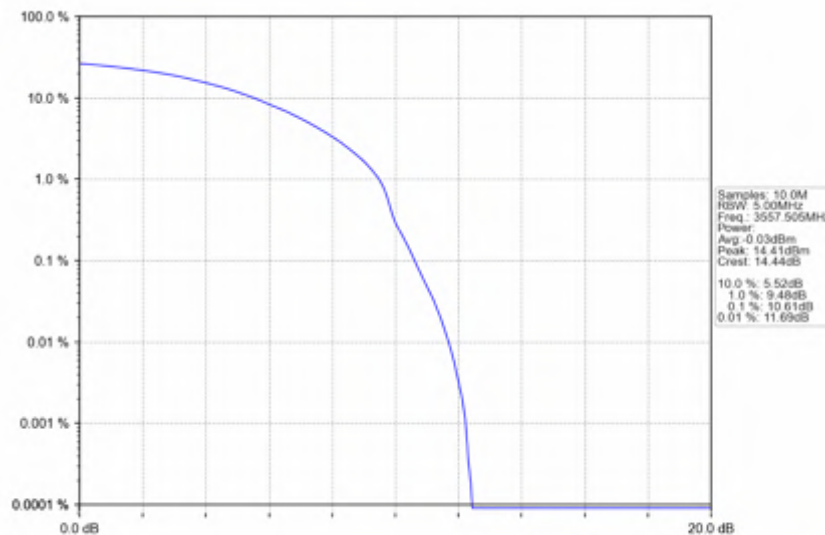


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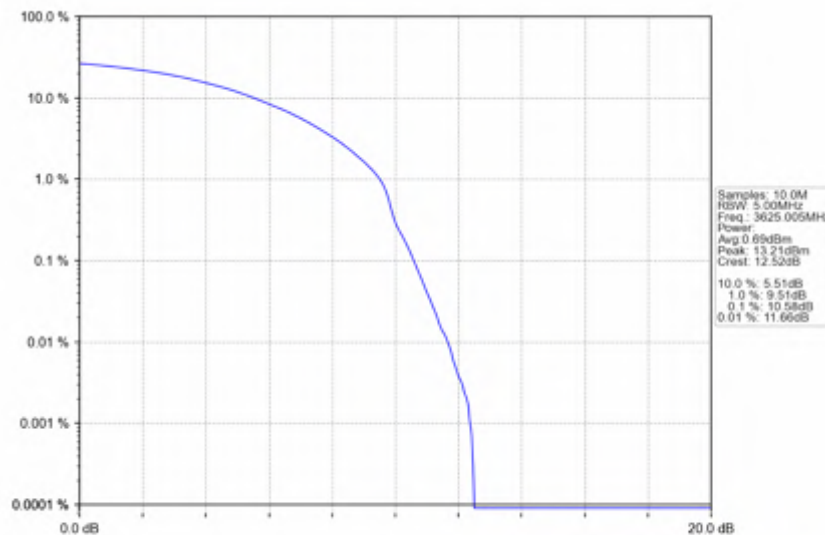
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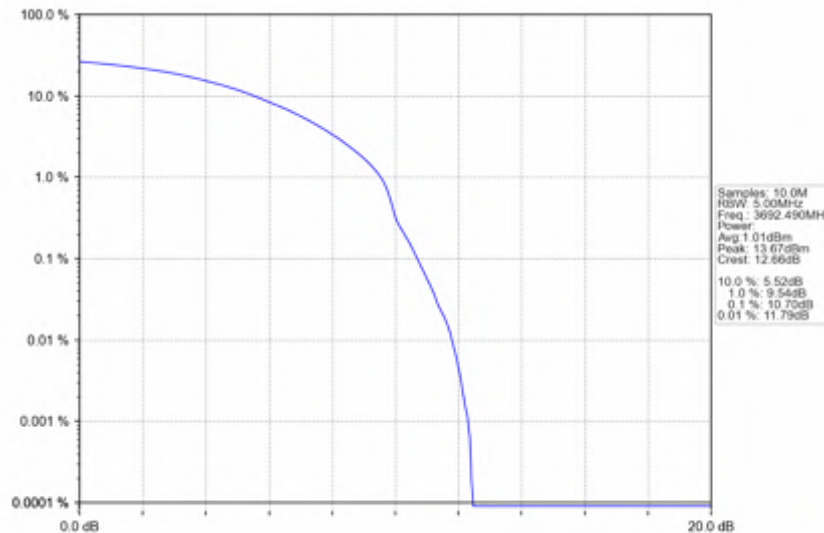


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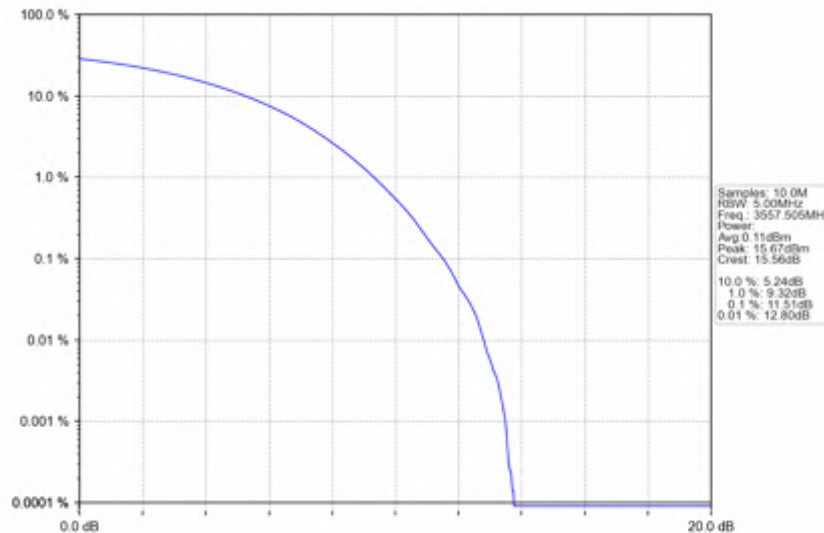
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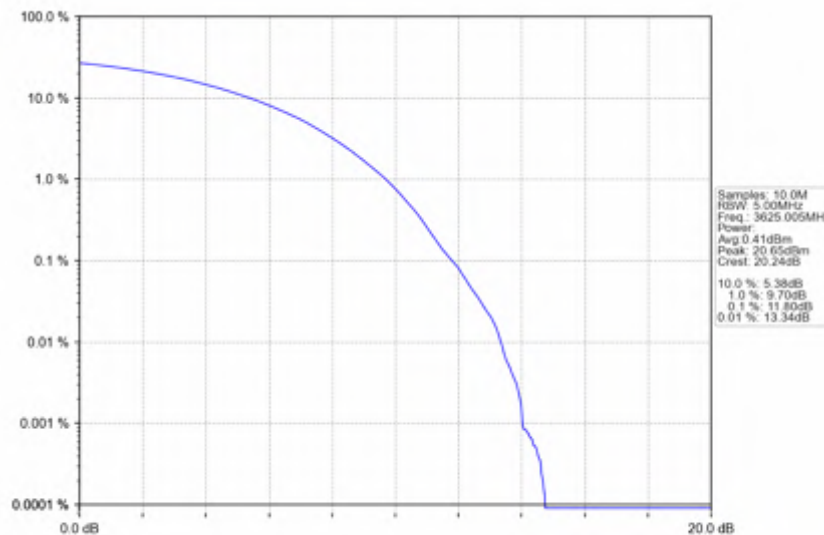
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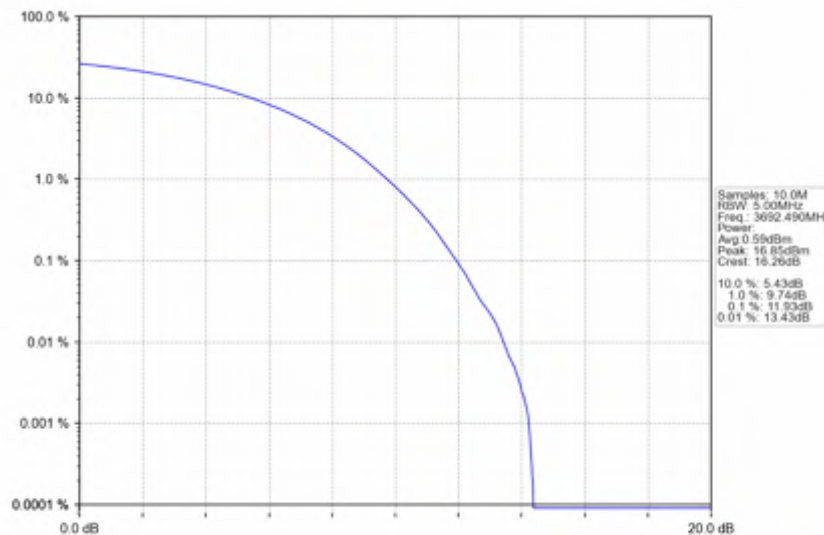
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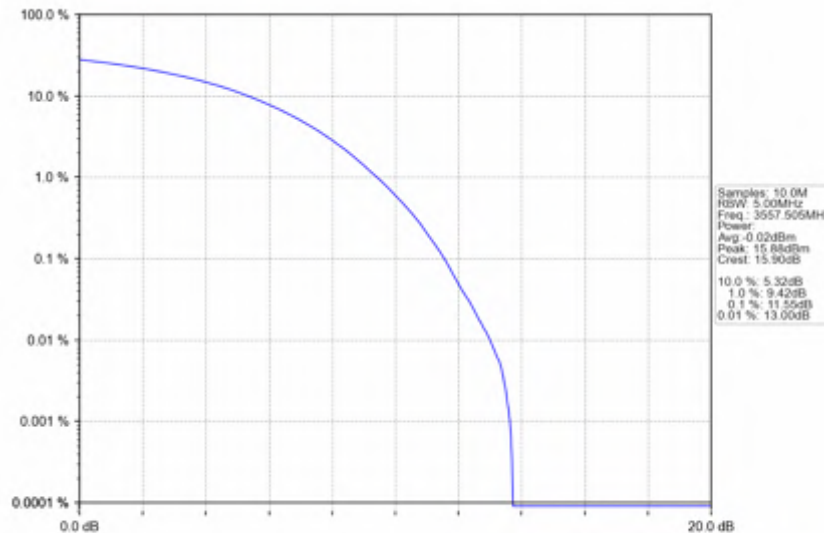
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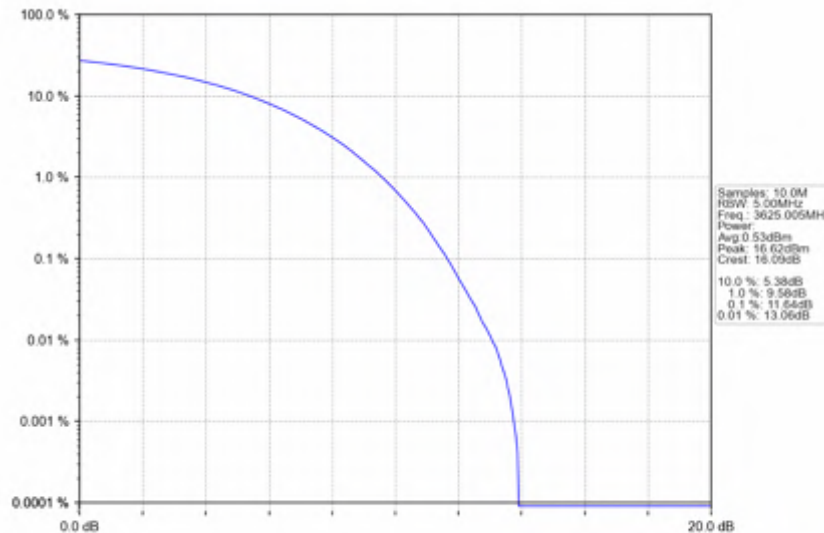
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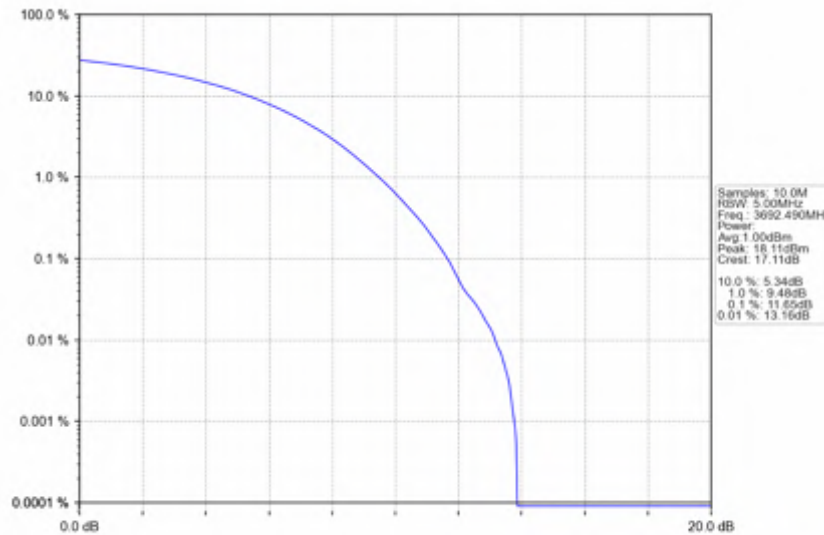


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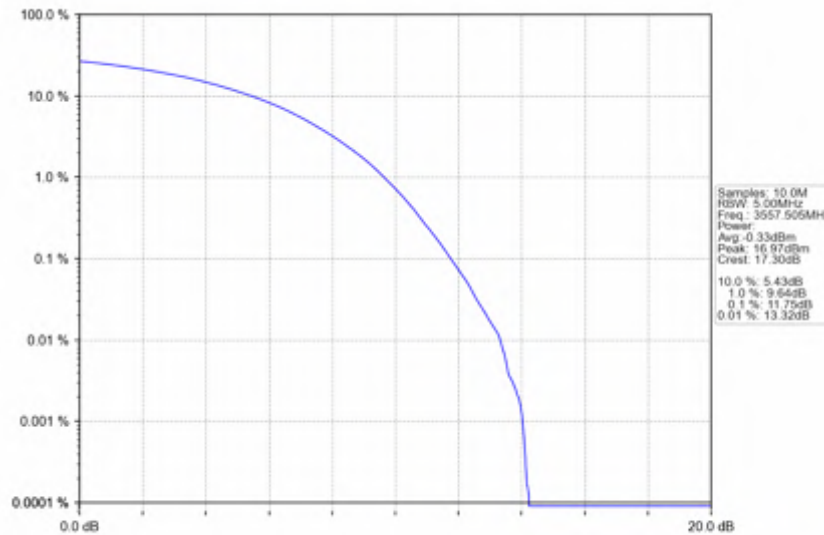
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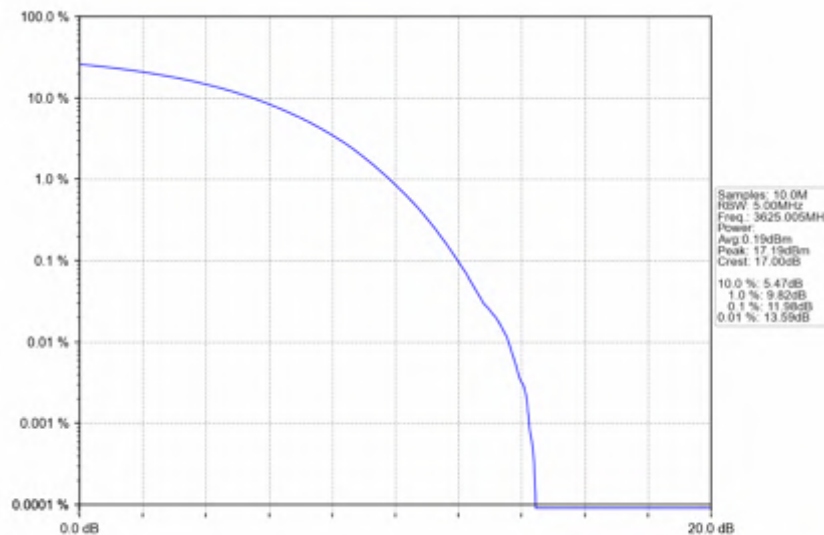
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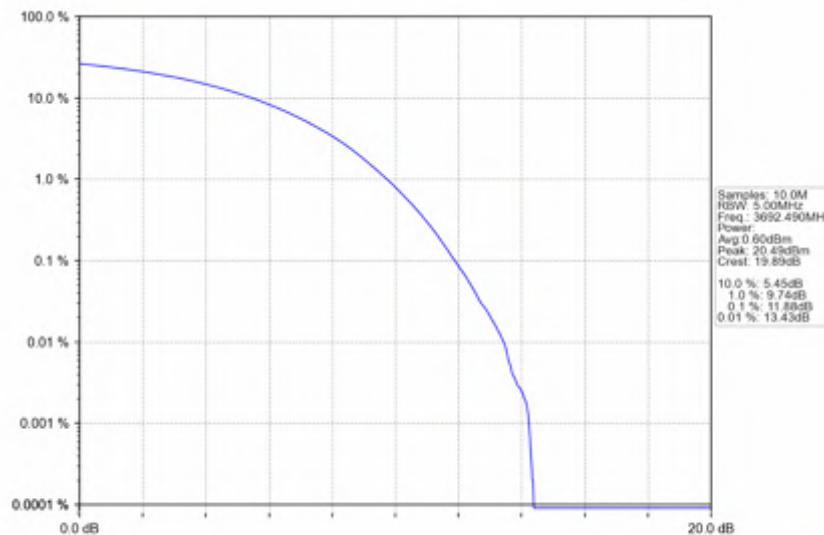
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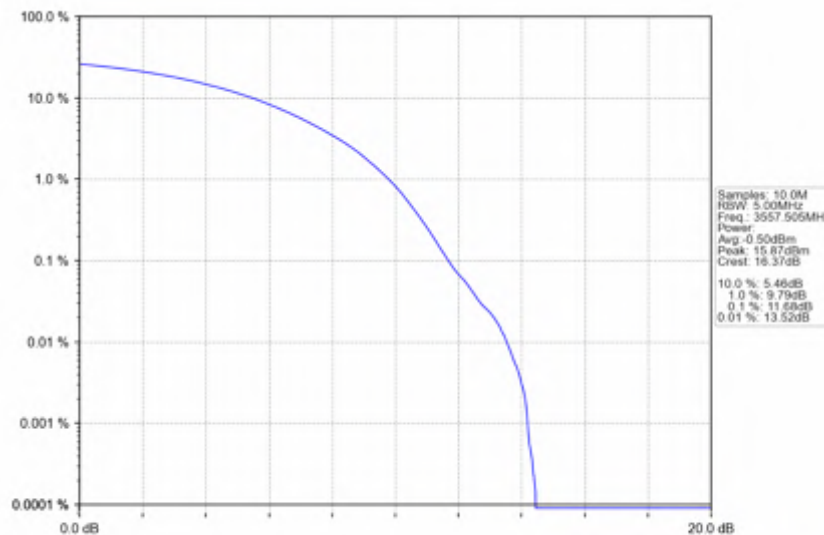
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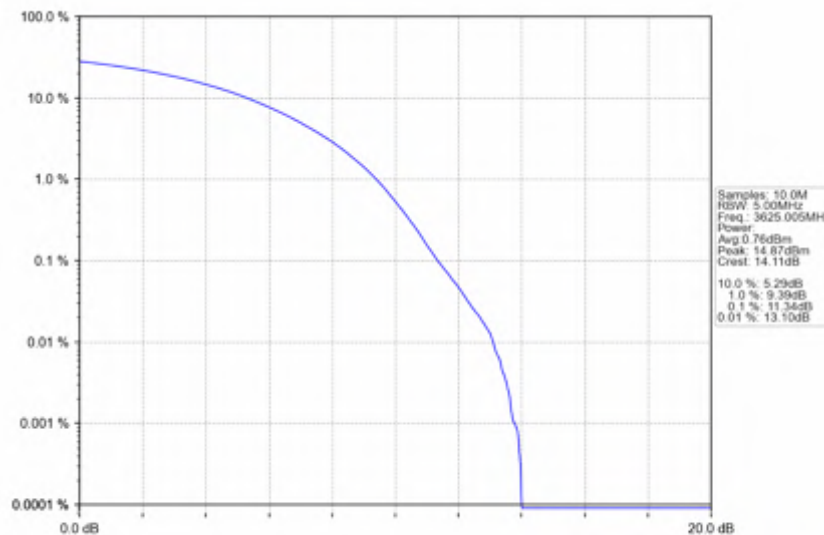
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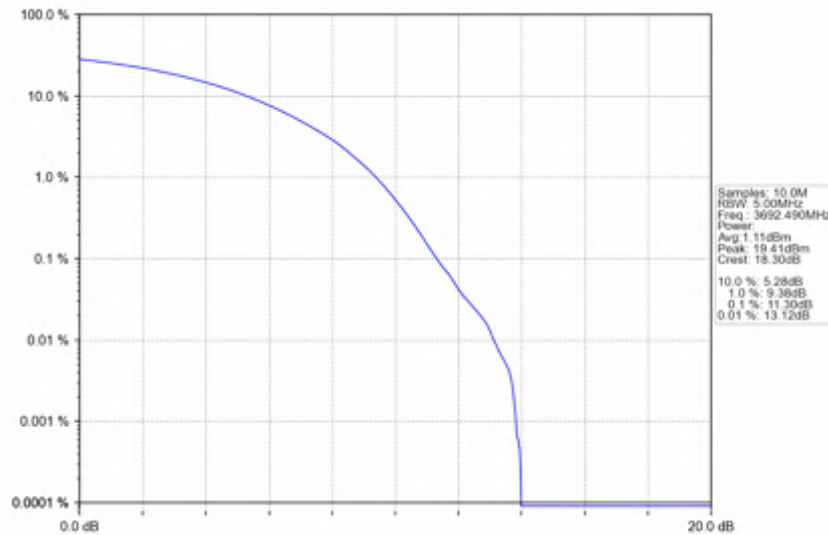
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3692.49MHz_Outer_Full



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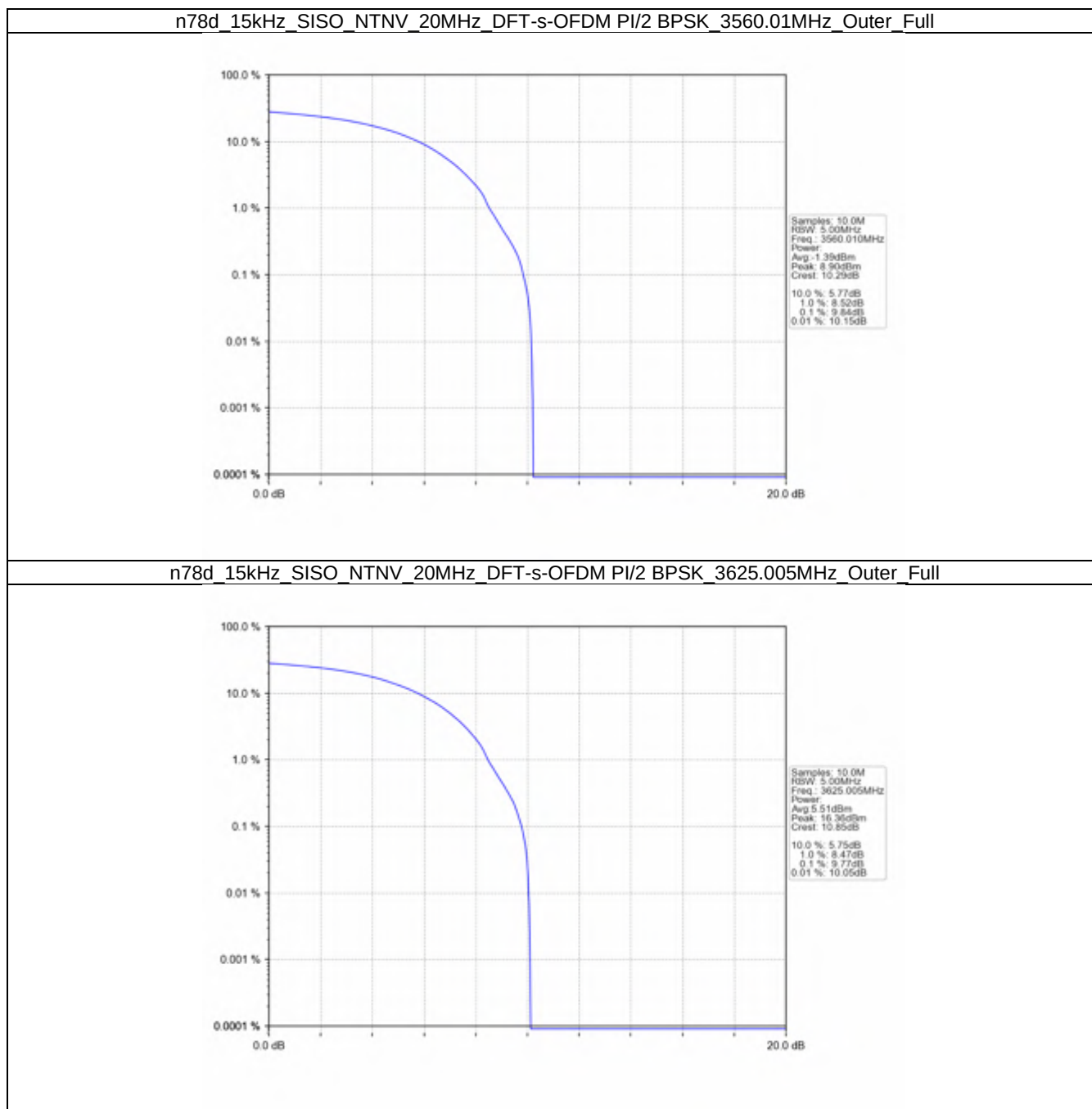
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8.3 15k_SISO_20MHz_NTNV

8.3.1 Test Result

5G NR n78d 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	3560.01	Outer_Full	9.84	/	/	<=13	Pass
	3625.005	Outer_Full	9.77	/	/	<=13	Pass
	3690	Outer_Full	9.78	/	/	<=13	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	10.24	/	/	<=13	Pass
	3625.005	Outer_Full	10.23	/	/	<=13	Pass
	3690	Outer_Full	10.18	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	10.76	/	/	<=13	Pass
	3625.005	Outer_Full	10.81	/	/	<=13	Pass
	3690	Outer_Full	10.77	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	10.86	/	/	<=13	Pass
	3625.005	Outer_Full	10.88	/	/	<=13	Pass
	3690	Outer_Full	10.82	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	10.96	/	/	<=13	Pass
	3625.005	Outer_Full	11.01	/	/	<=13	Pass
	3690	Outer_Full	10.95	/	/	<=13	Pass
CP-OFDM QPSK	3560.01	Outer_Full	12.03	/	/	<=13	Pass
	3625.005	Outer_Full	11.69	/	/	<=13	Pass
	3690	Outer_Full	11.77	/	/	<=13	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	11.74	/	/	<=13	Pass
	3625.005	Outer_Full	11.93	/	/	<=13	Pass
	3690	Outer_Full	11.88	/	/	<=13	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	11.81	/	/	<=13	Pass
	3625.005	Outer_Full	11.92	/	/	<=13	Pass
	3690	Outer_Full	11.90	/	/	<=13	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	12.11	/	/	<=13	Pass
	3625.005	Outer_Full	11.64	/	/	<=13	Pass
	3690	Outer_Full	11.66	/	/	<=13	Pass

8.3.2 Test Graph



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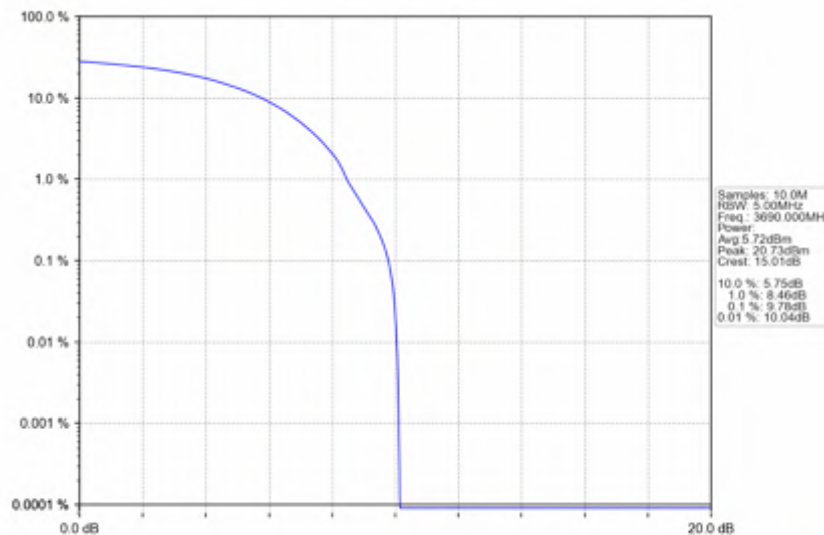
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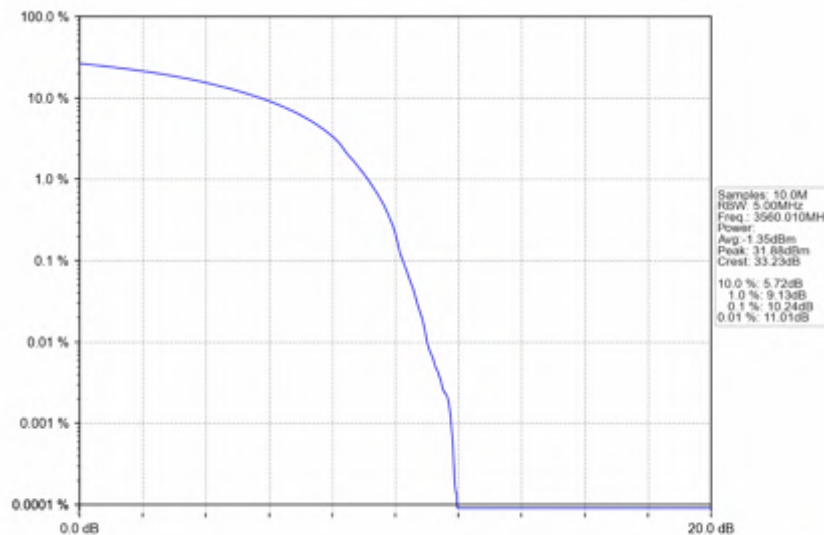
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n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full



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