



Appendix for KSCR2207001267AT-FCC-LTE- Peak-Average Ratio

1. Peak-Average Ratio

1.1 B2_1.4MHz

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	6.69	<=13	Pass
	1880	6	0	6.76	<=13	Pass
	1909.3	6	0	6.81	<=13	Pass
16QAM	1850.7	6	0	6.69	<=13	Pass
	1880	6	0	6.76	<=13	Pass
	1909.3	6	0	6.80	<=13	Pass
64QAM	1850.7	6	0	6.70	<=13	Pass
	1880	6	0	6.76	<=13	Pass
	1909.3	6	0	6.80	<=13	Pass
256QAM	1850.7	6	0	6.83	<=13	Pass
	1880	6	0	7.01	<=13	Pass
	1909.3	6	0	6.99	<=13	Pass



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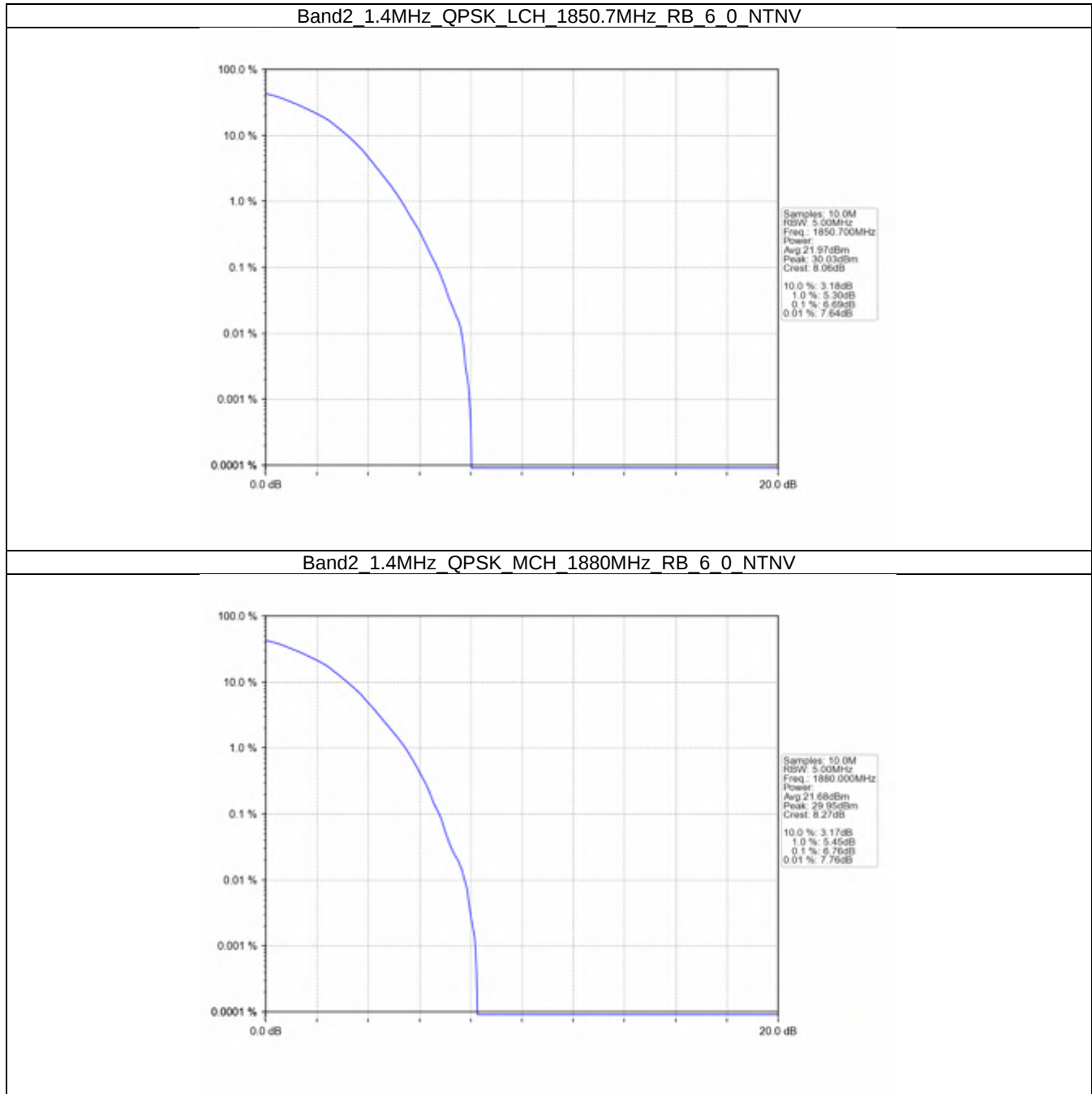
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1.1.2 Test Graph



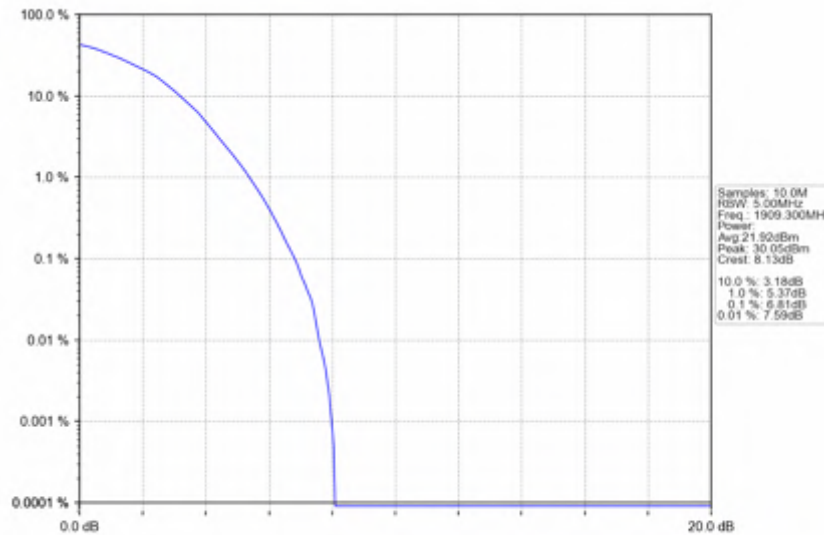
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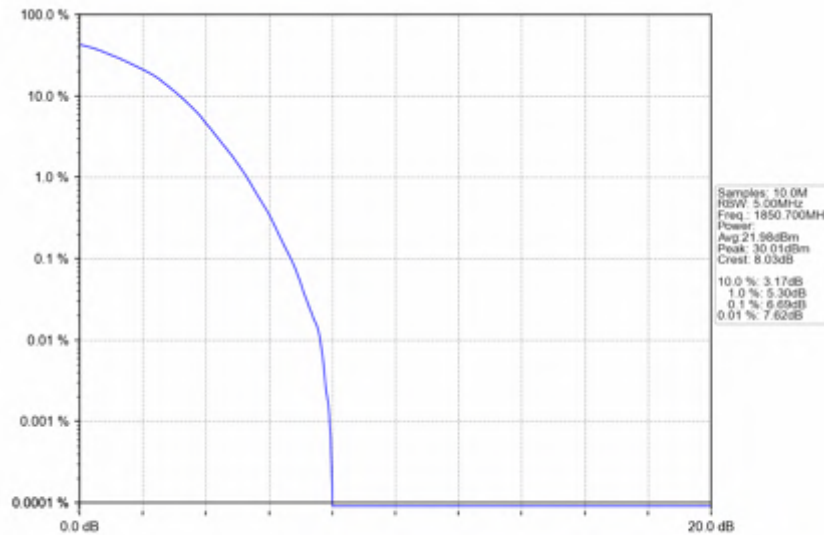
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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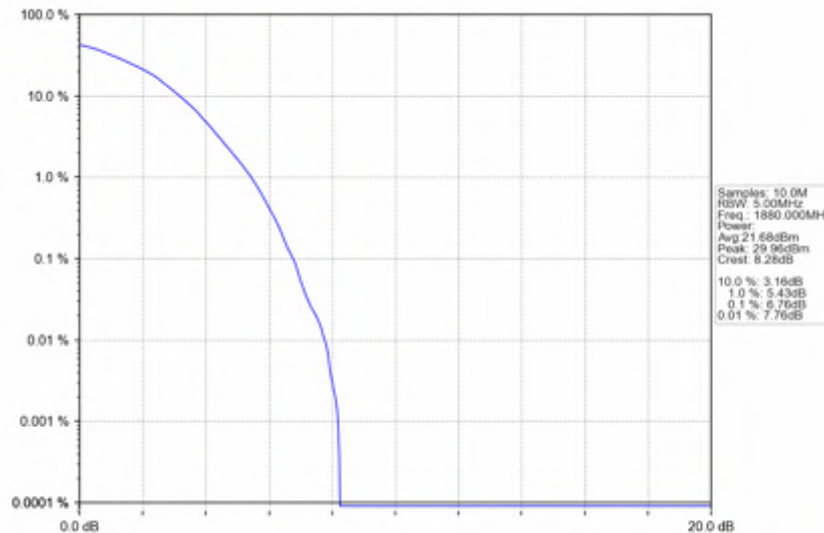
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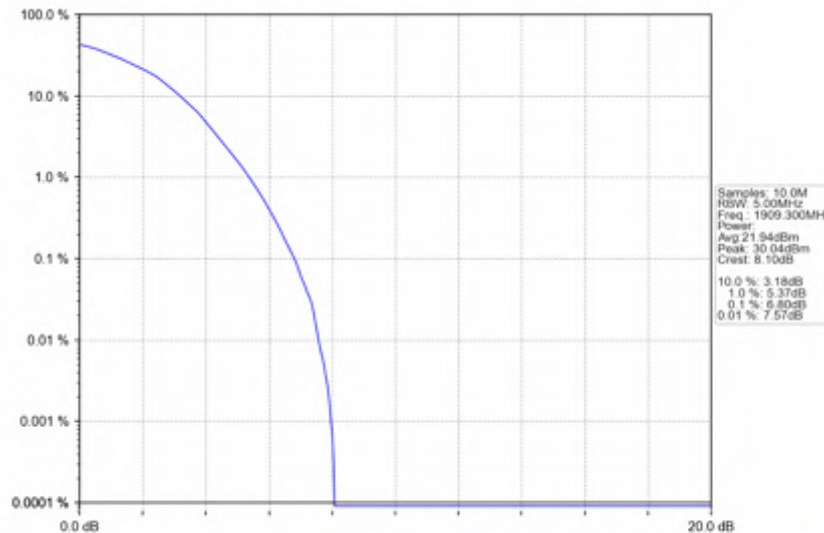
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



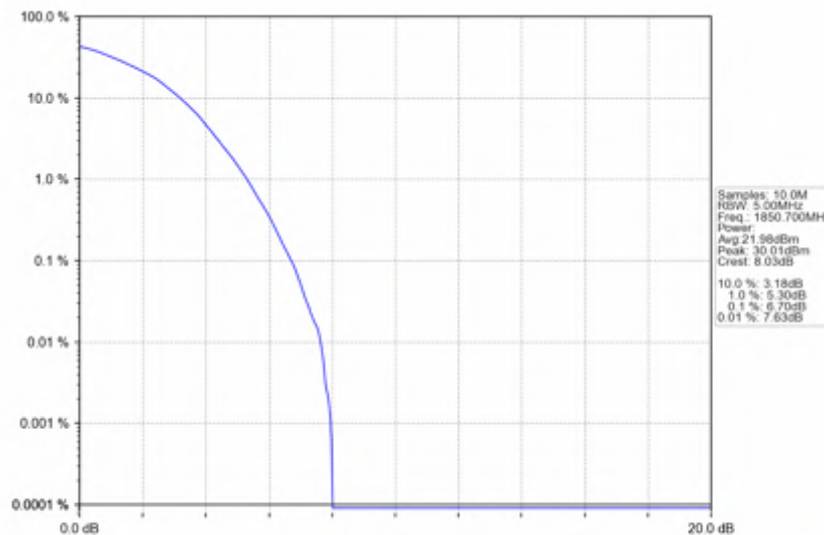
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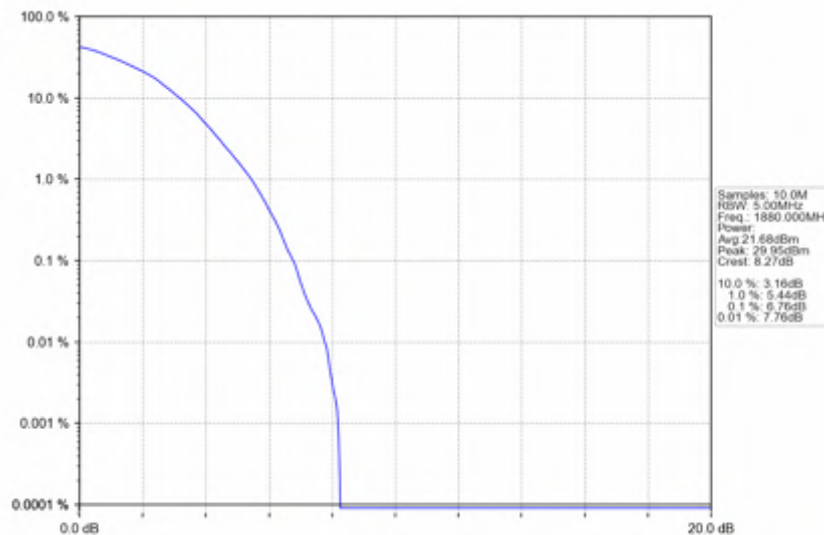
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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

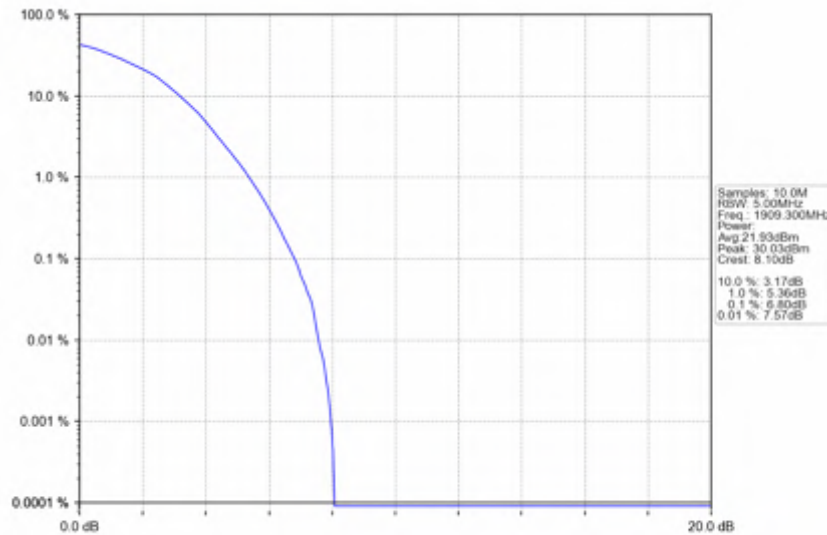


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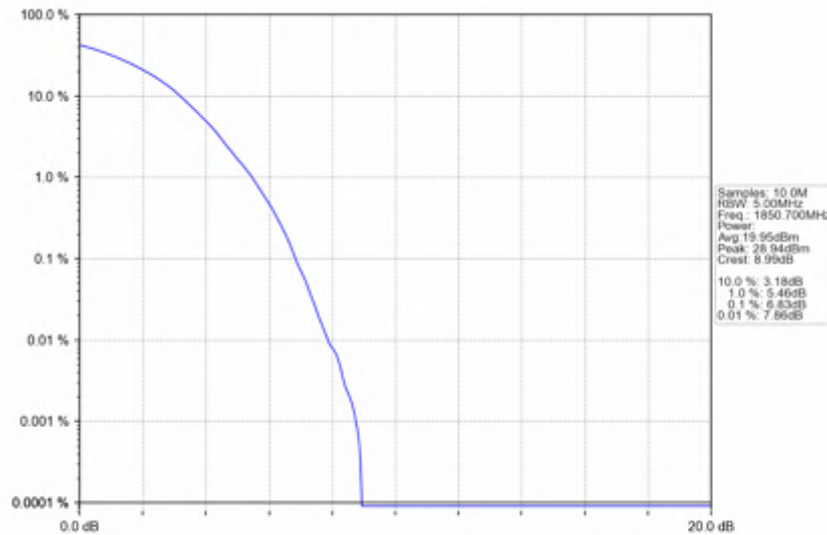
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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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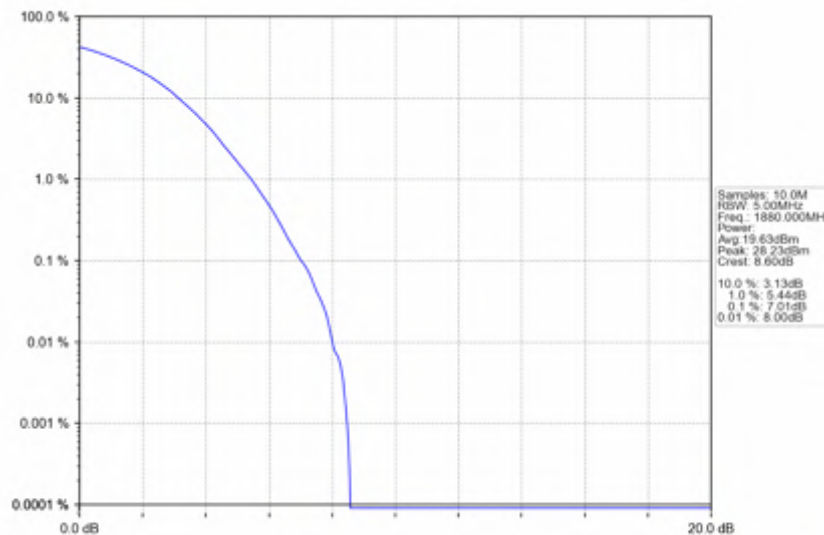
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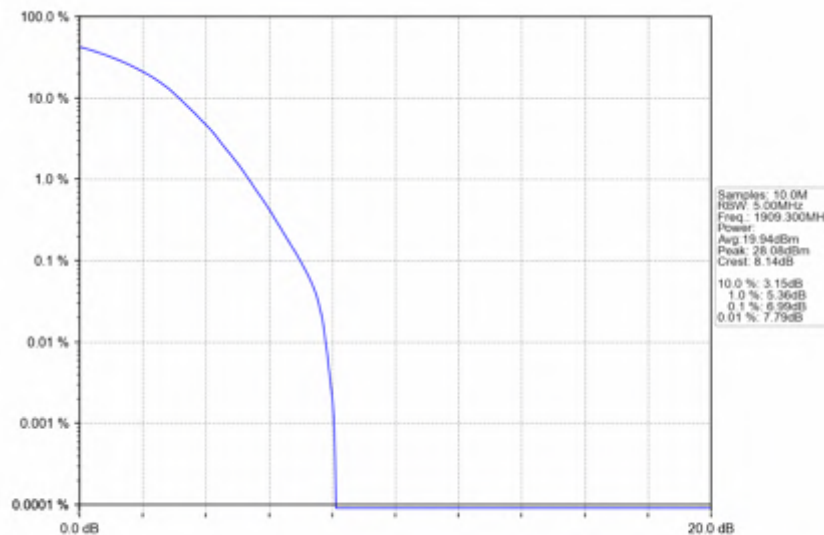
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Band2_1.4MHz_256QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_256QAM_HCH_1909.3MHz_RB_6_0_NTNV



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1.2 B2_3MHz

1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	6.82	<=13	Pass
	1880	15	0	6.80	<=13	Pass
	1908.5	15	0	6.84	<=13	Pass
16QAM	1851.5	15	0	6.83	<=13	Pass
	1880	15	0	6.79	<=13	Pass
	1908.5	15	0	6.84	<=13	Pass
64QAM	1851.5	15	0	6.82	<=13	Pass
	1880	15	0	6.80	<=13	Pass
	1908.5	15	0	6.83	<=13	Pass
256QAM	1851.5	15	0	7.03	<=13	Pass
	1880	15	0	6.93	<=13	Pass
	1908.5	15	0	7.00	<=13	Pass



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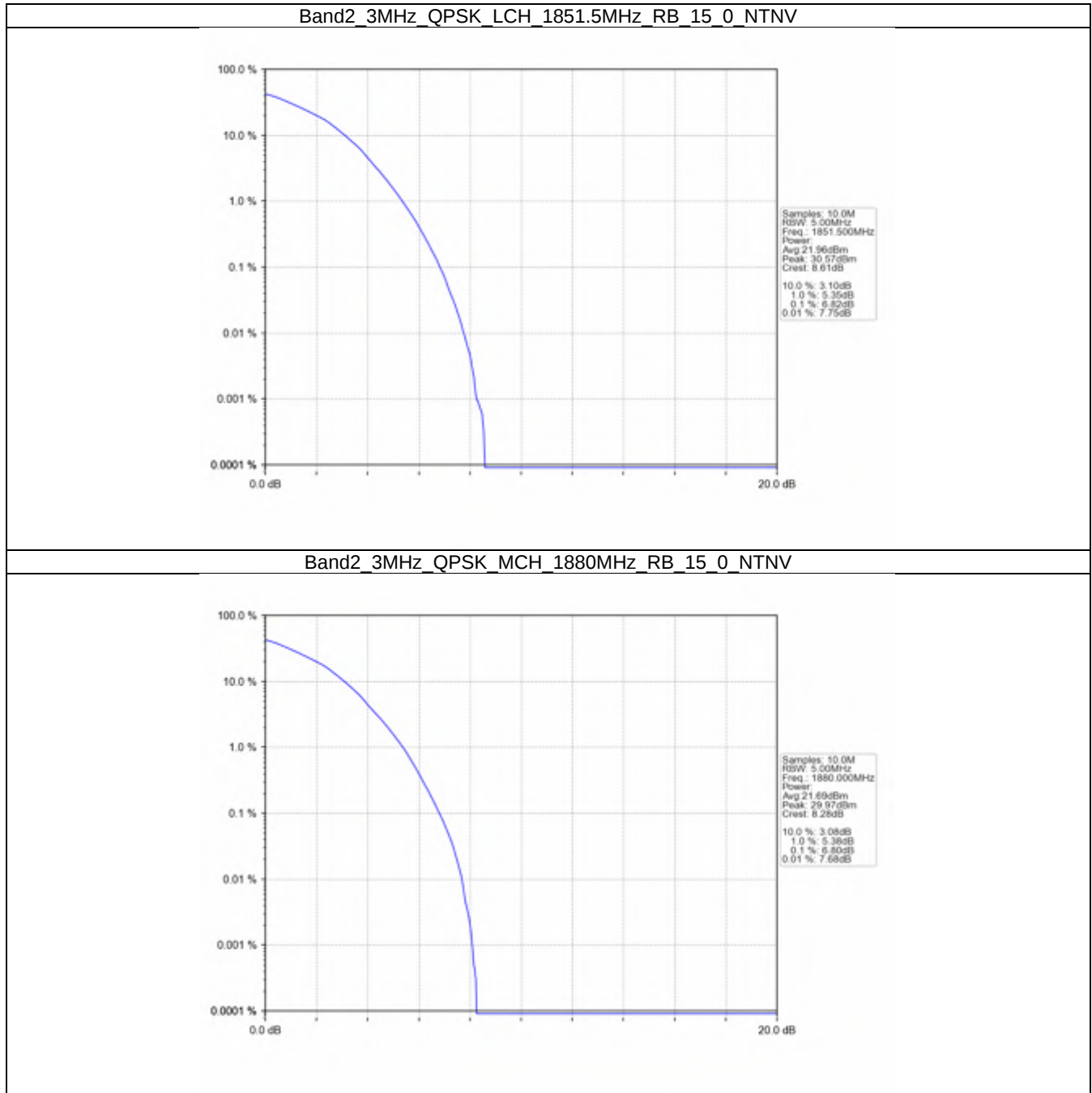
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1.2.2 Test Graph

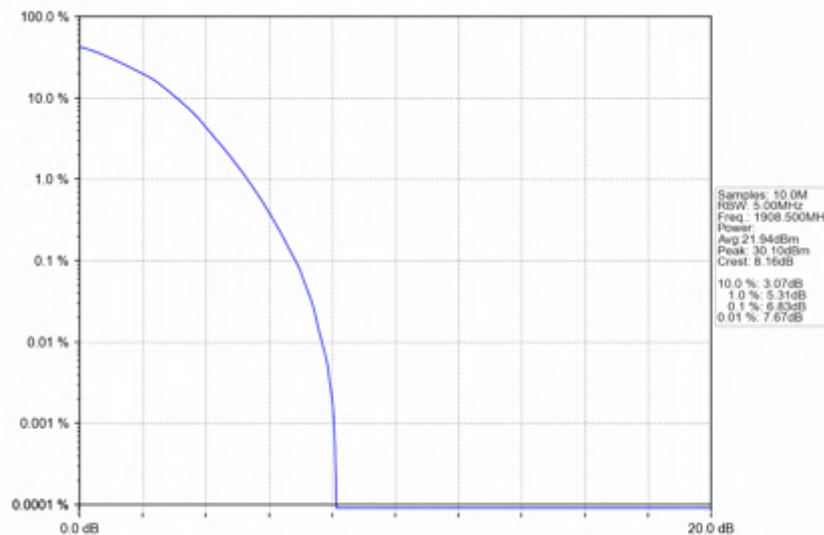


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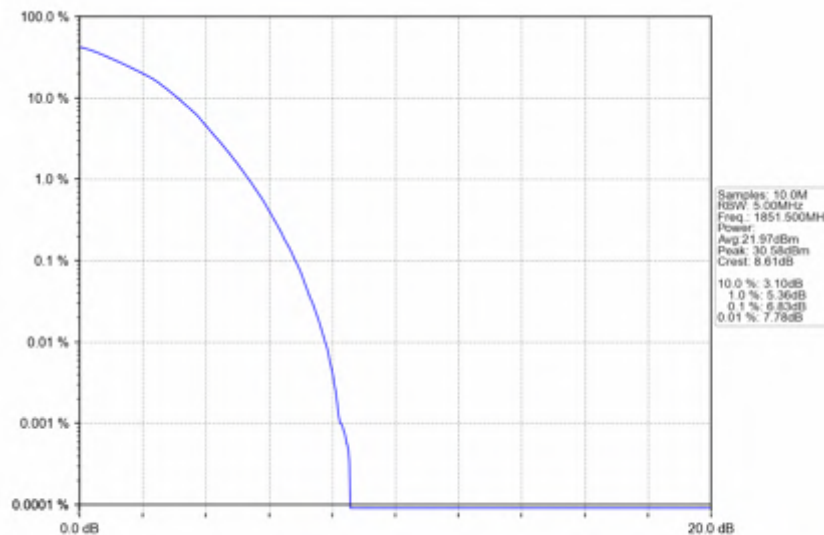
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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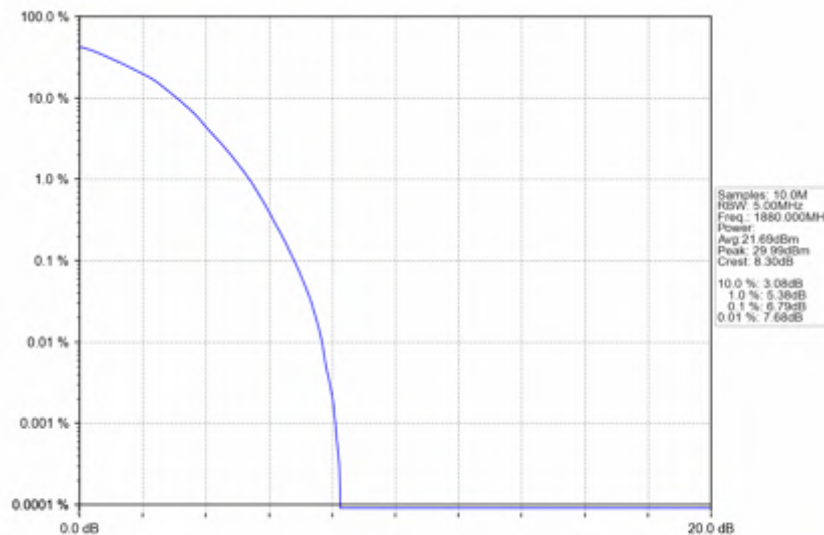
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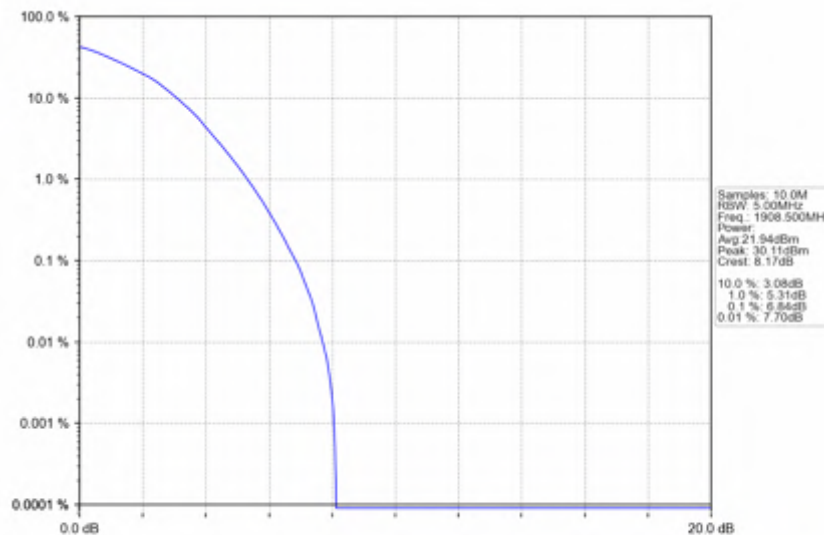
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



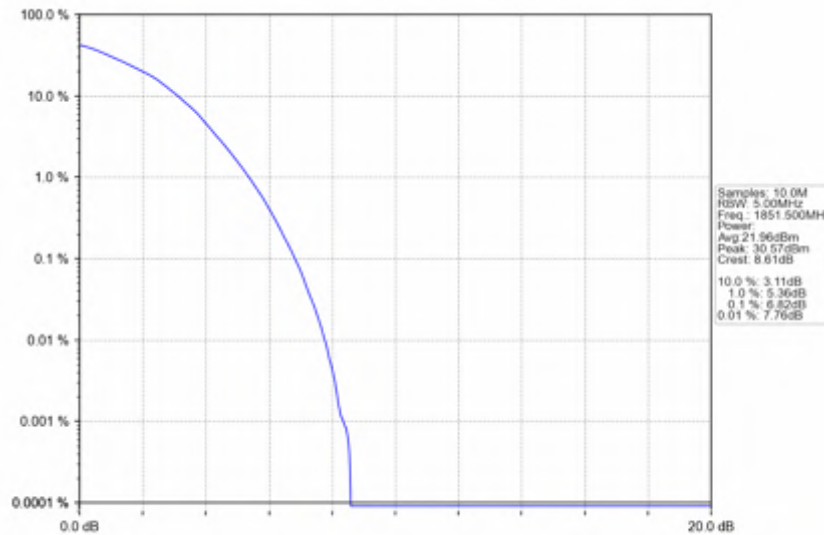
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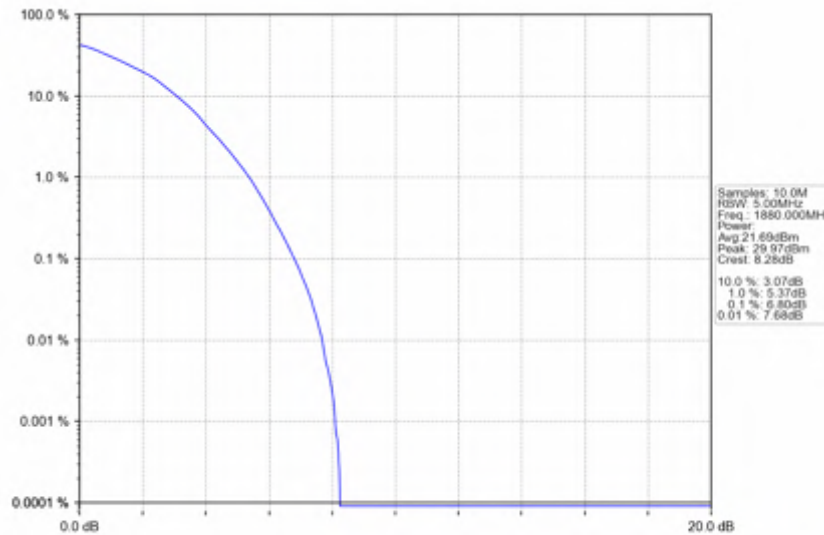
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



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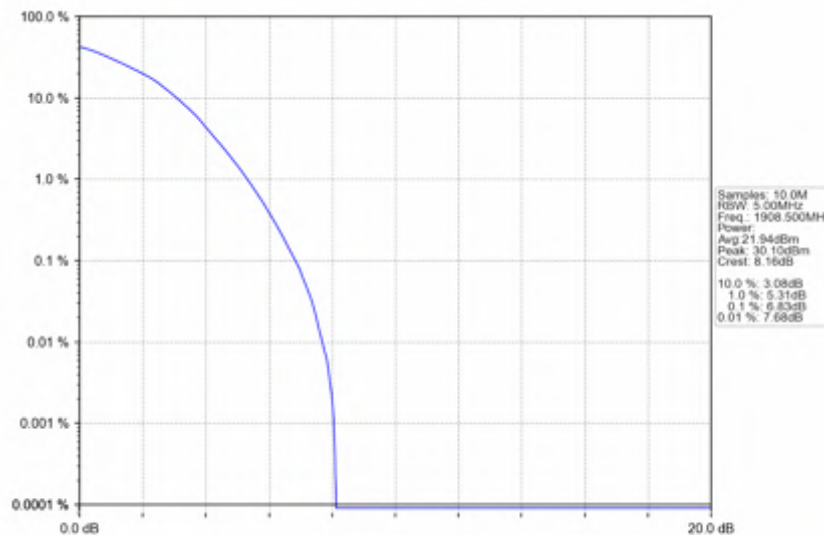
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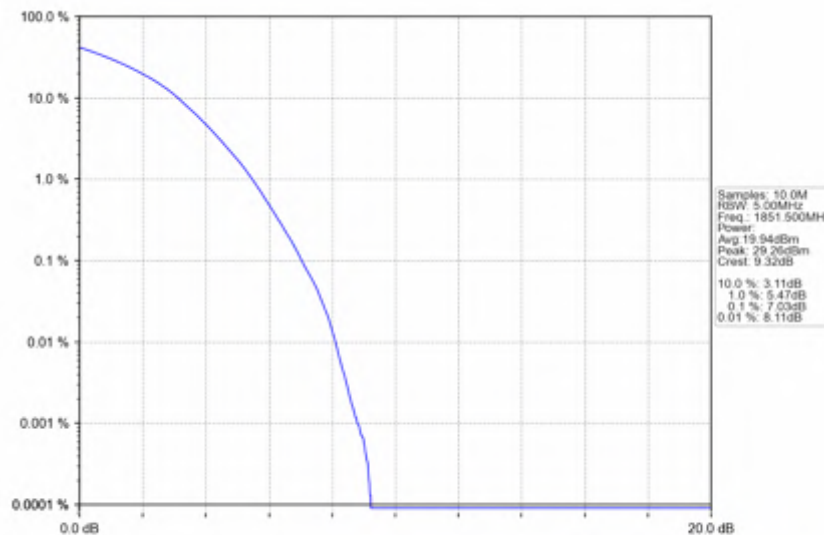
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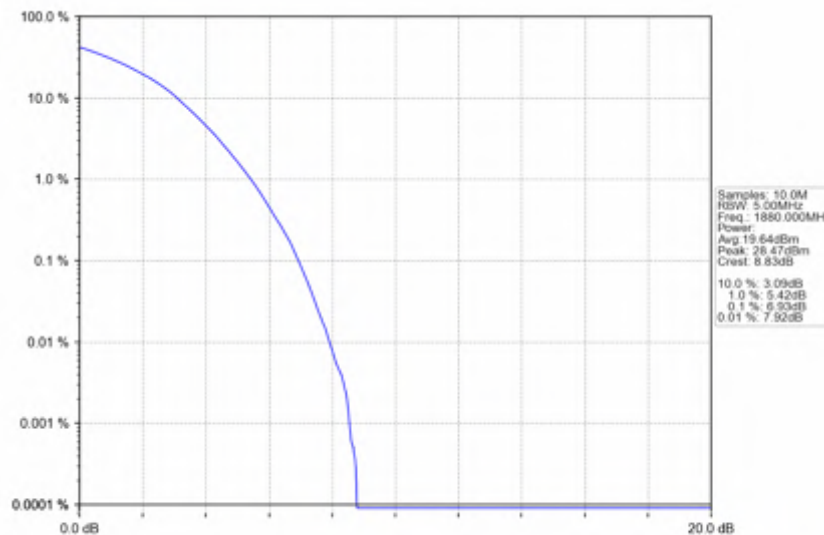


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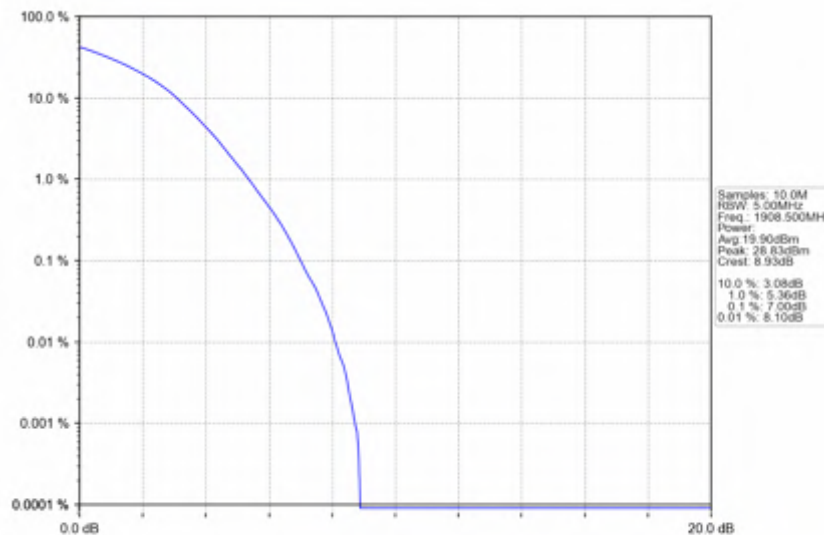
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Band2_3MHz_256QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_256QAM_HCH_1908.5MHz_RB_15_0_NTNV



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1.3 B2_5MHz

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	6.71	<=13	Pass
	1880	25	0	6.72	<=13	Pass
	1907.5	25	0	6.69	<=13	Pass
16QAM	1852.5	25	0	6.72	<=13	Pass
	1880	25	0	6.72	<=13	Pass
	1907.5	25	0	6.69	<=13	Pass
64QAM	1852.5	25	0	6.73	<=13	Pass
	1880	25	0	6.72	<=13	Pass
	1907.5	25	0	6.68	<=13	Pass
256QAM	1852.5	25	0	6.86	<=13	Pass
	1880	25	0	6.98	<=13	Pass
	1907.5	25	0	6.89	<=13	Pass



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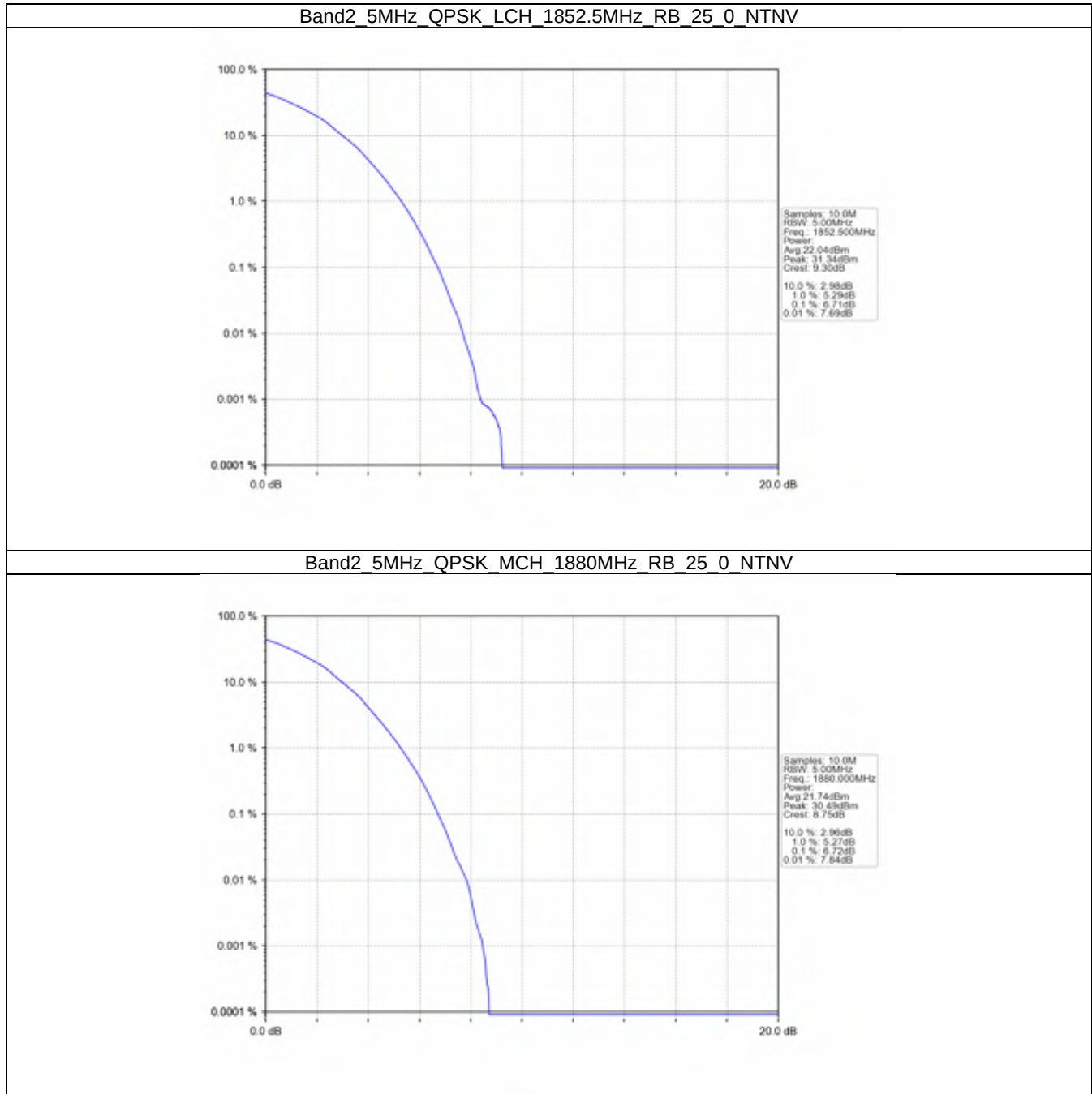
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1.3.2 Test Graph



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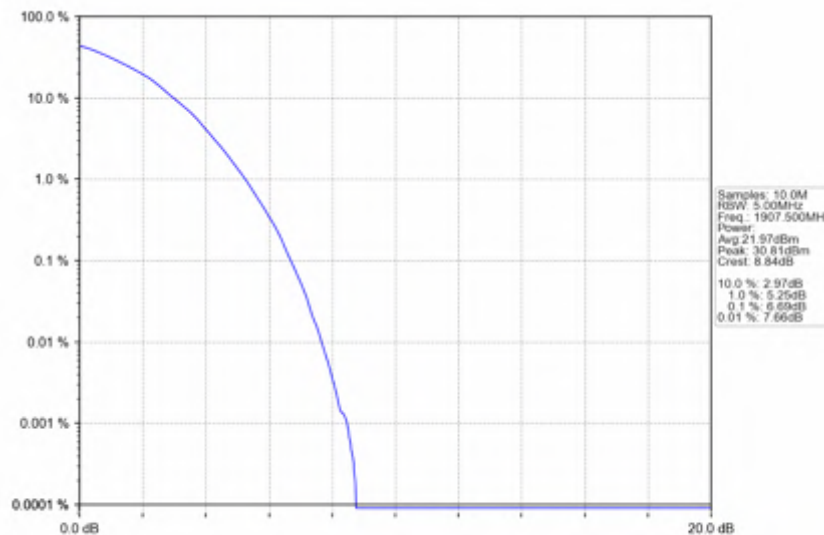
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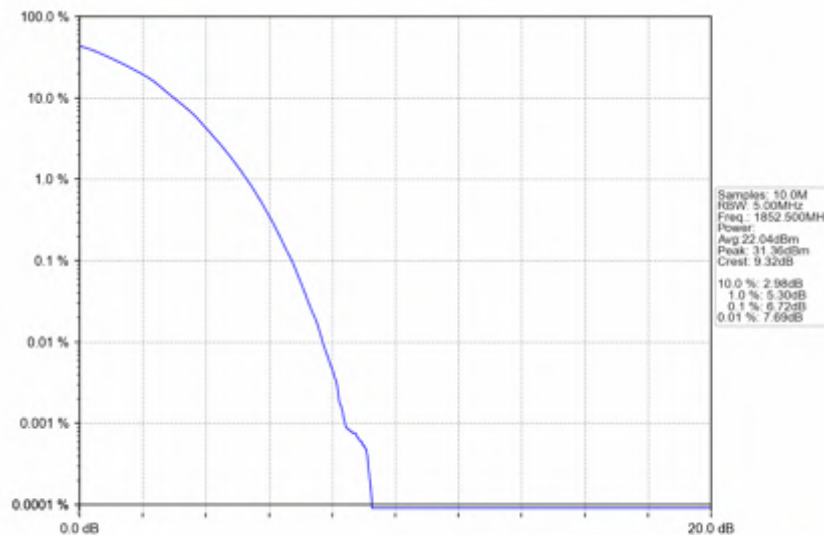
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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

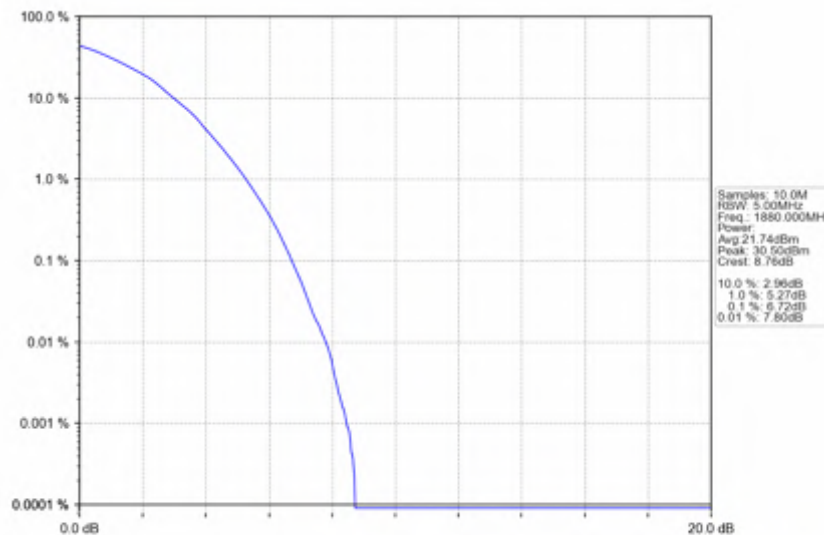


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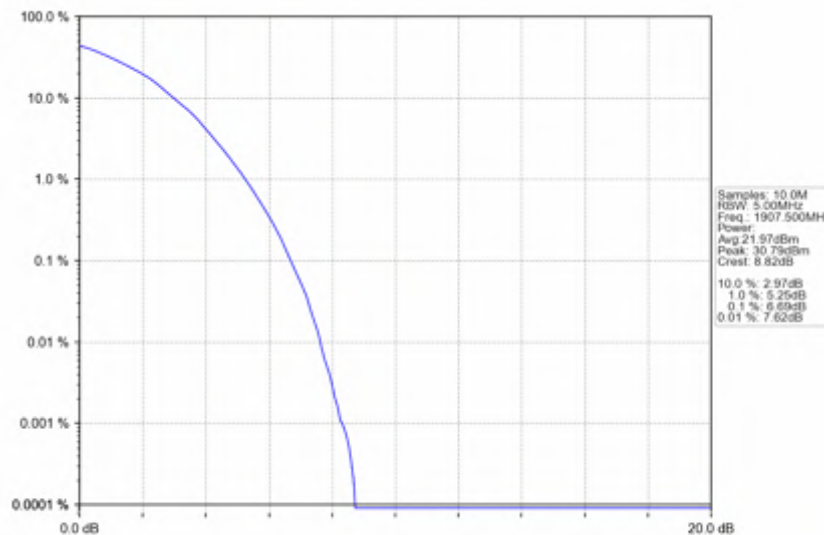
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Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



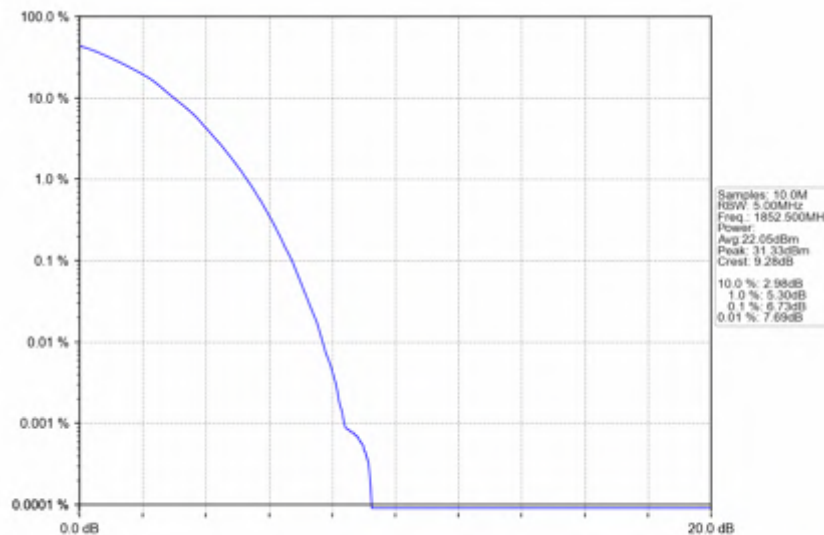
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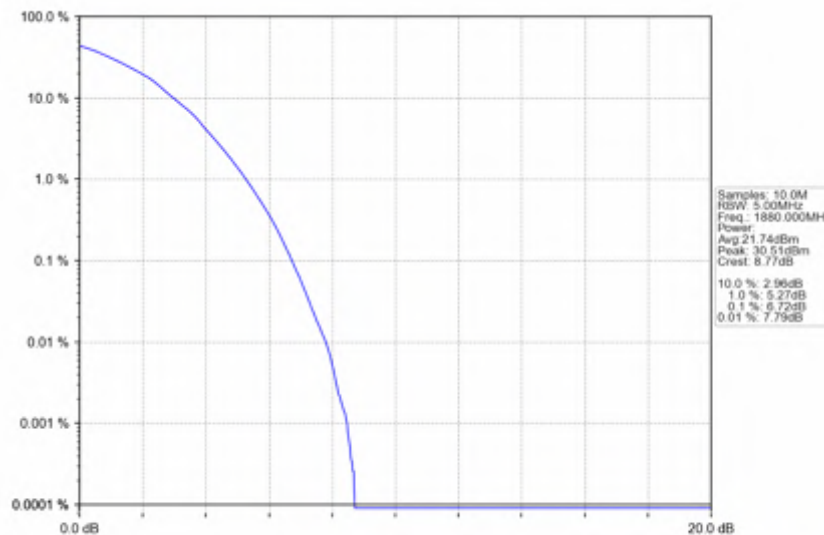
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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



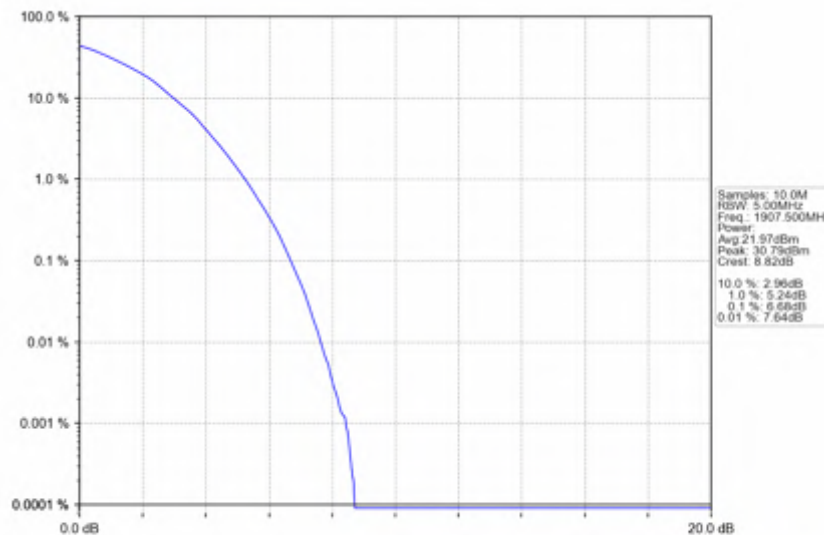
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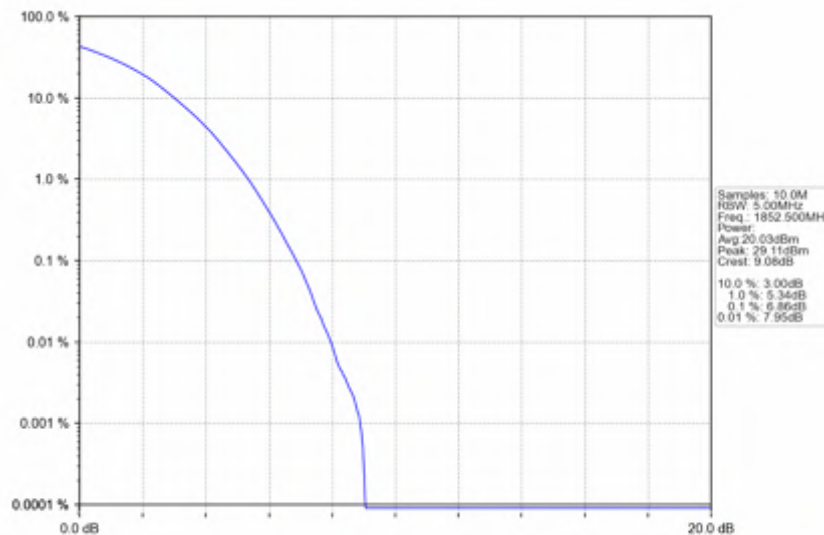
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Band2_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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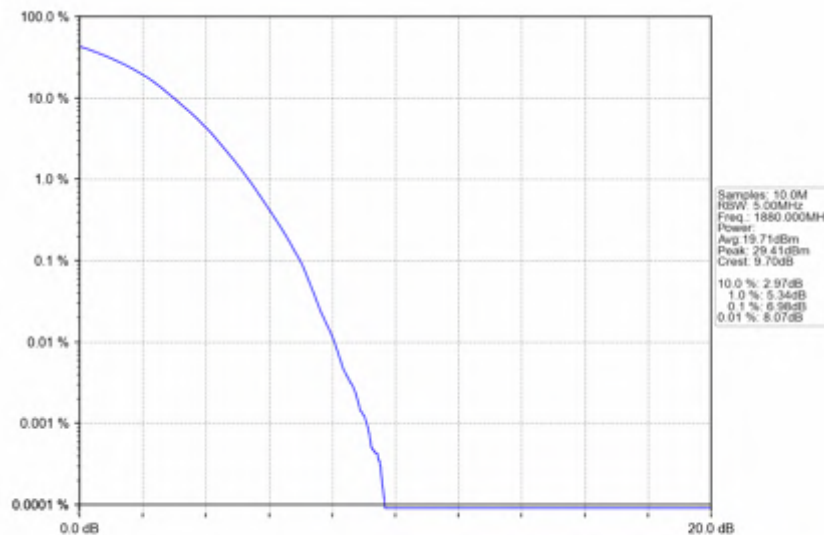
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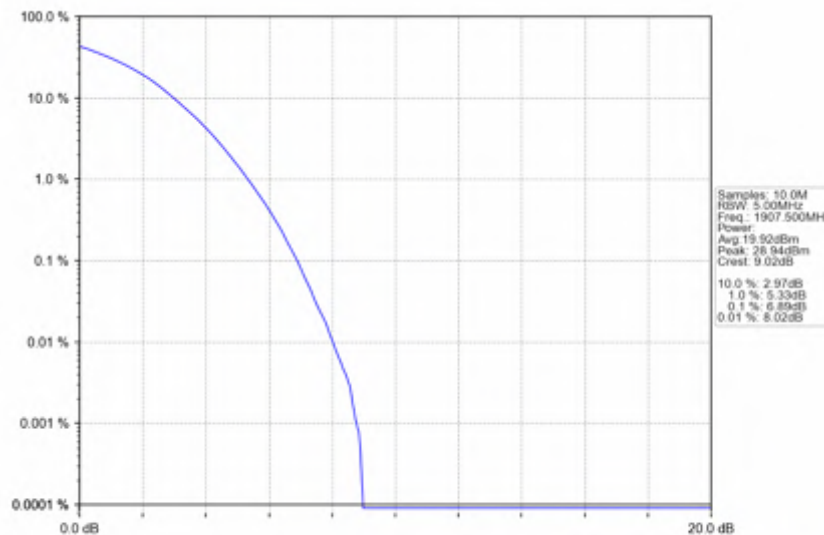
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1.4 B2_10MHz

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	7.06	<=13	Pass
	1880	50	0	7.02	<=13	Pass
	1905	50	0	7.00	<=13	Pass
16QAM	1855	50	0	7.05	<=13	Pass
	1880	50	0	7.02	<=13	Pass
	1905	50	0	7.00	<=13	Pass
64QAM	1855	50	0	7.05	<=13	Pass
	1880	50	0	7.03	<=13	Pass
	1905	50	0	7.00	<=13	Pass
256QAM	1855	50	0	7.10	<=13	Pass
	1880	50	0	7.06	<=13	Pass
	1905	50	0	7.07	<=13	Pass



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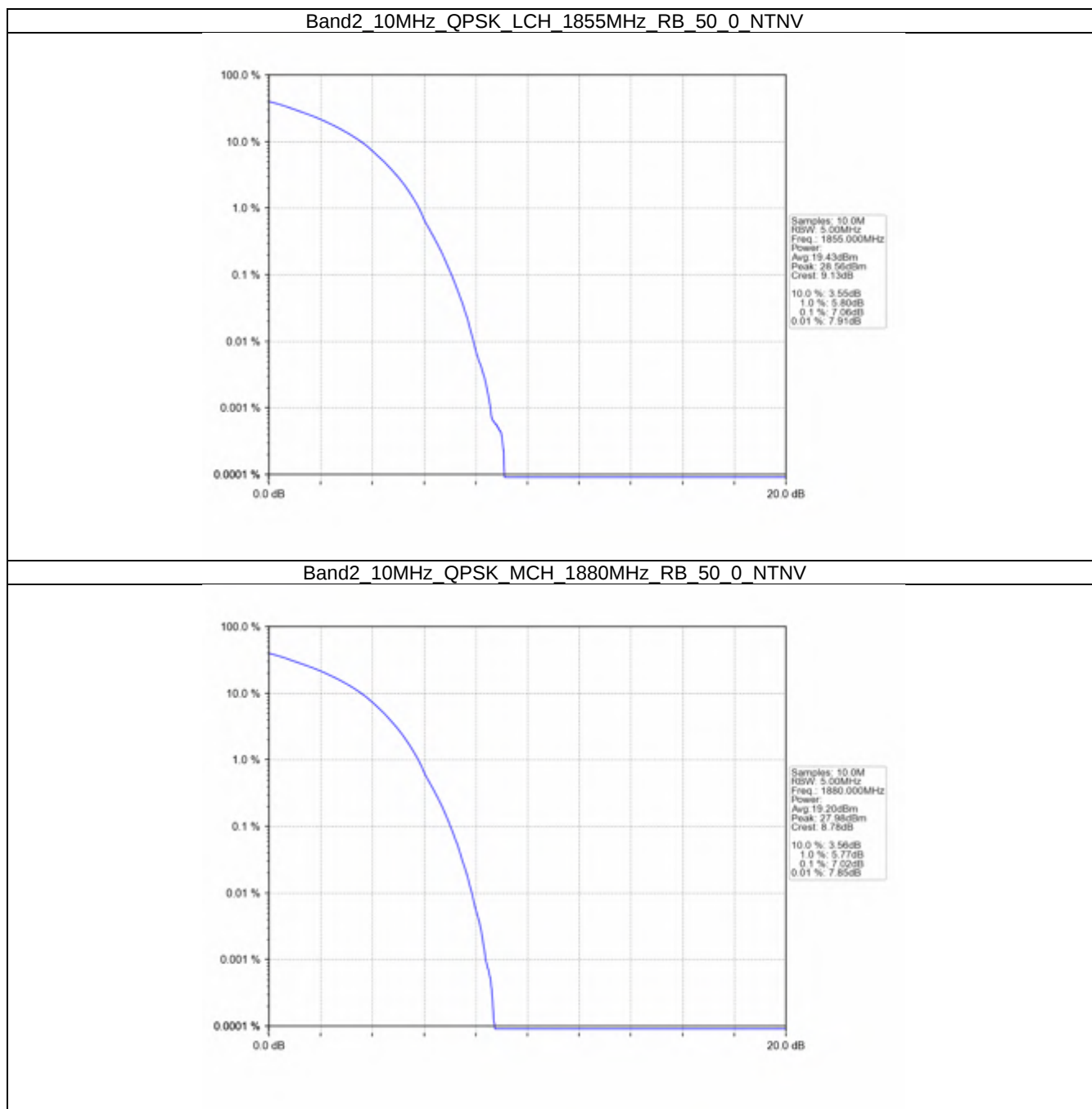
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1.4.2 Test Graph



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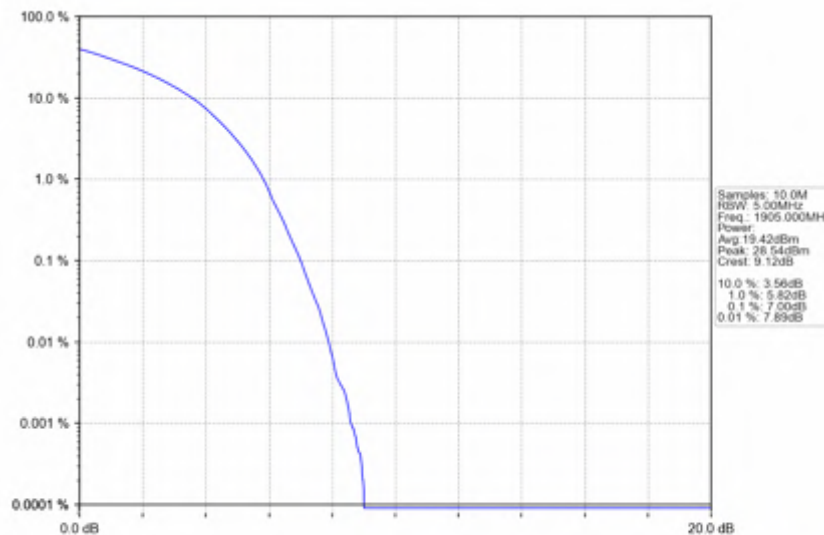
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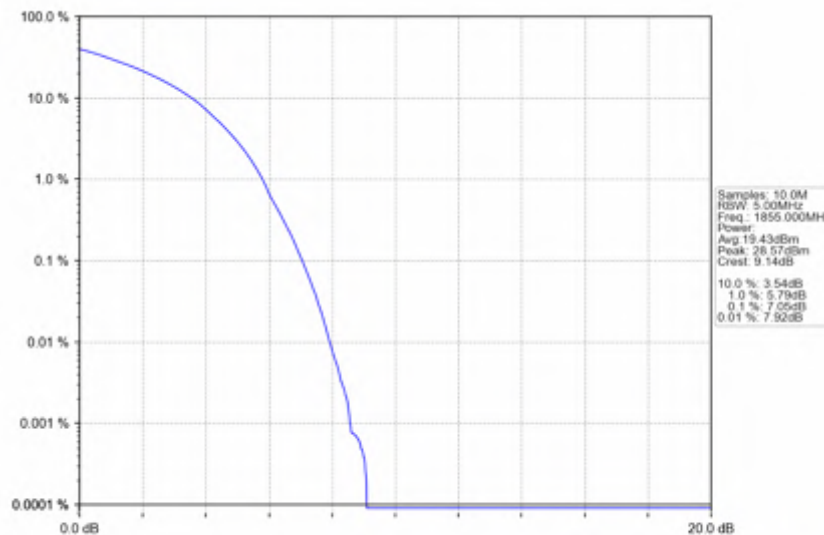
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Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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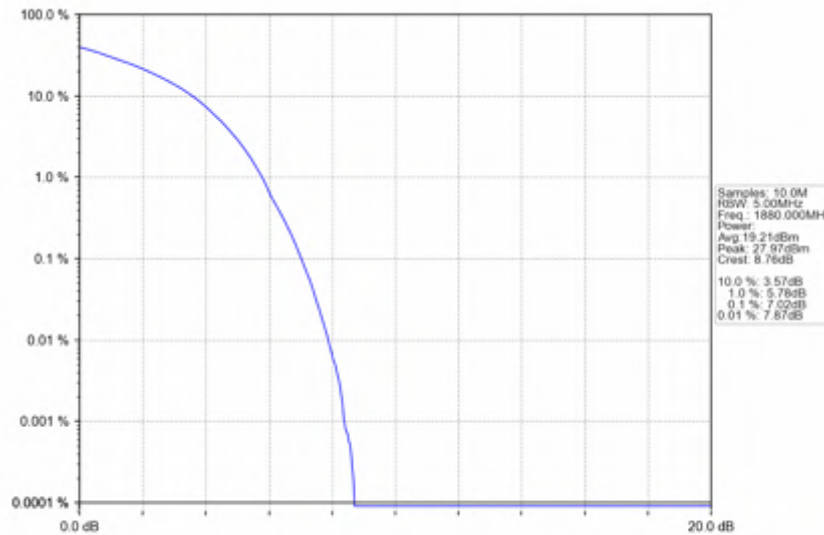
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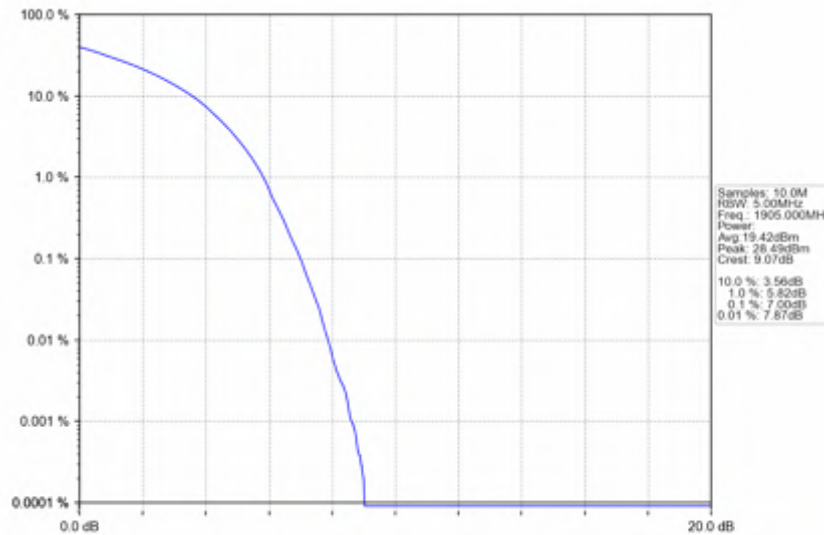
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Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

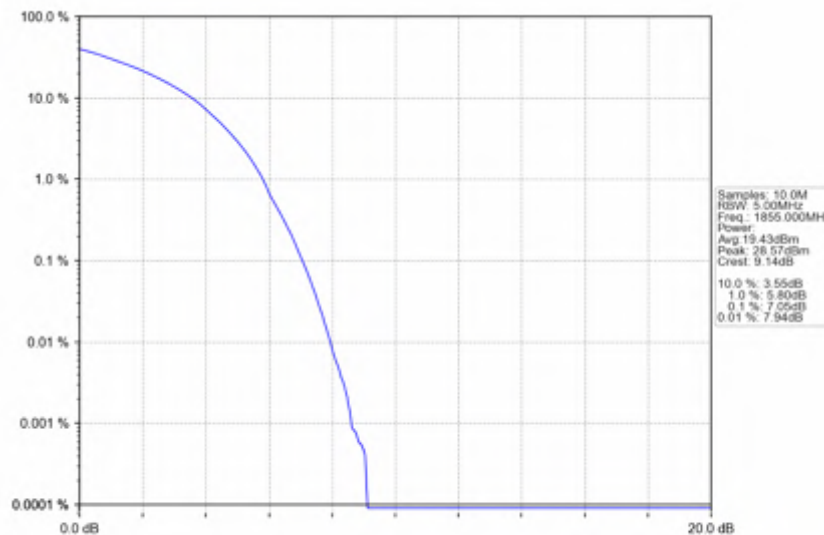


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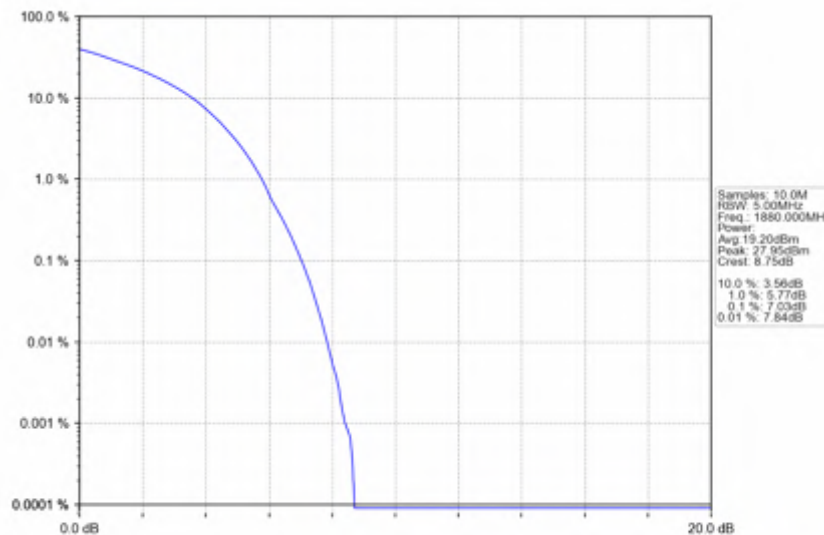
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Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



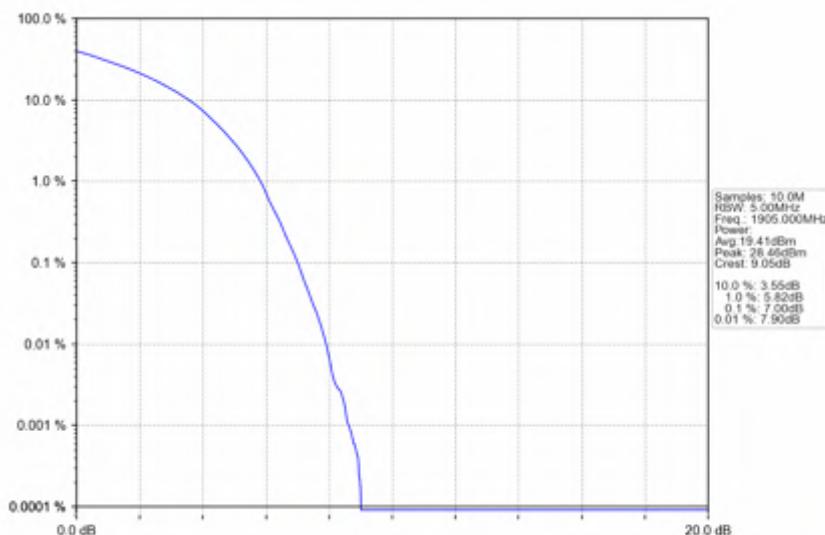
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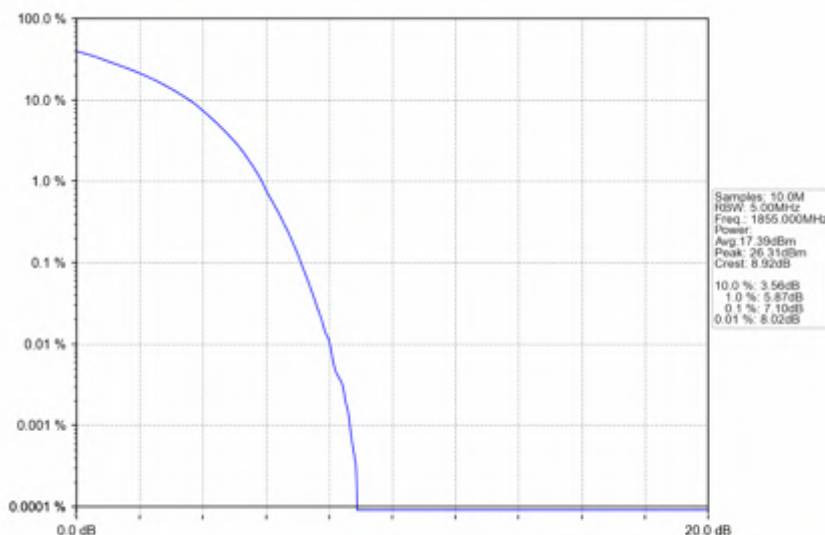
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Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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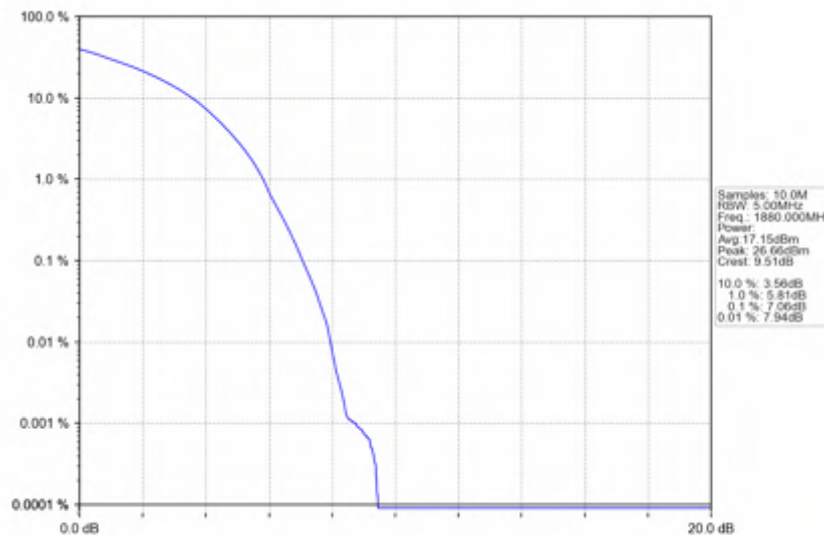
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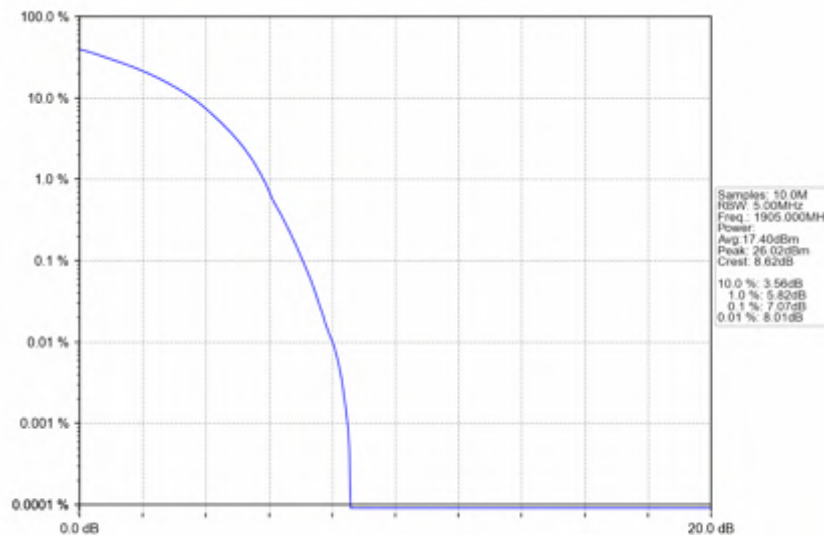
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Band2_10MHz_256QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_256QAM_HCH_1905MHz_RB_50_0_NTNV



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1.5 B2_15MHz

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	7.48	<=13	Pass
	1880	75	0	7.36	<=13	Pass
	1902.5	75	0	7.39	<=13	Pass
16QAM	1857.5	75	0	7.48	<=13	Pass
	1880	75	0	7.37	<=13	Pass
	1902.5	75	0	7.39	<=13	Pass
64QAM	1857.5	75	0	7.48	<=13	Pass
	1880	75	0	7.37	<=13	Pass
	1902.5	75	0	7.39	<=13	Pass
256QAM	1857.5	75	0	7.41	<=13	Pass
	1880	75	0	7.47	<=13	Pass
	1902.5	75	0	7.42	<=13	Pass



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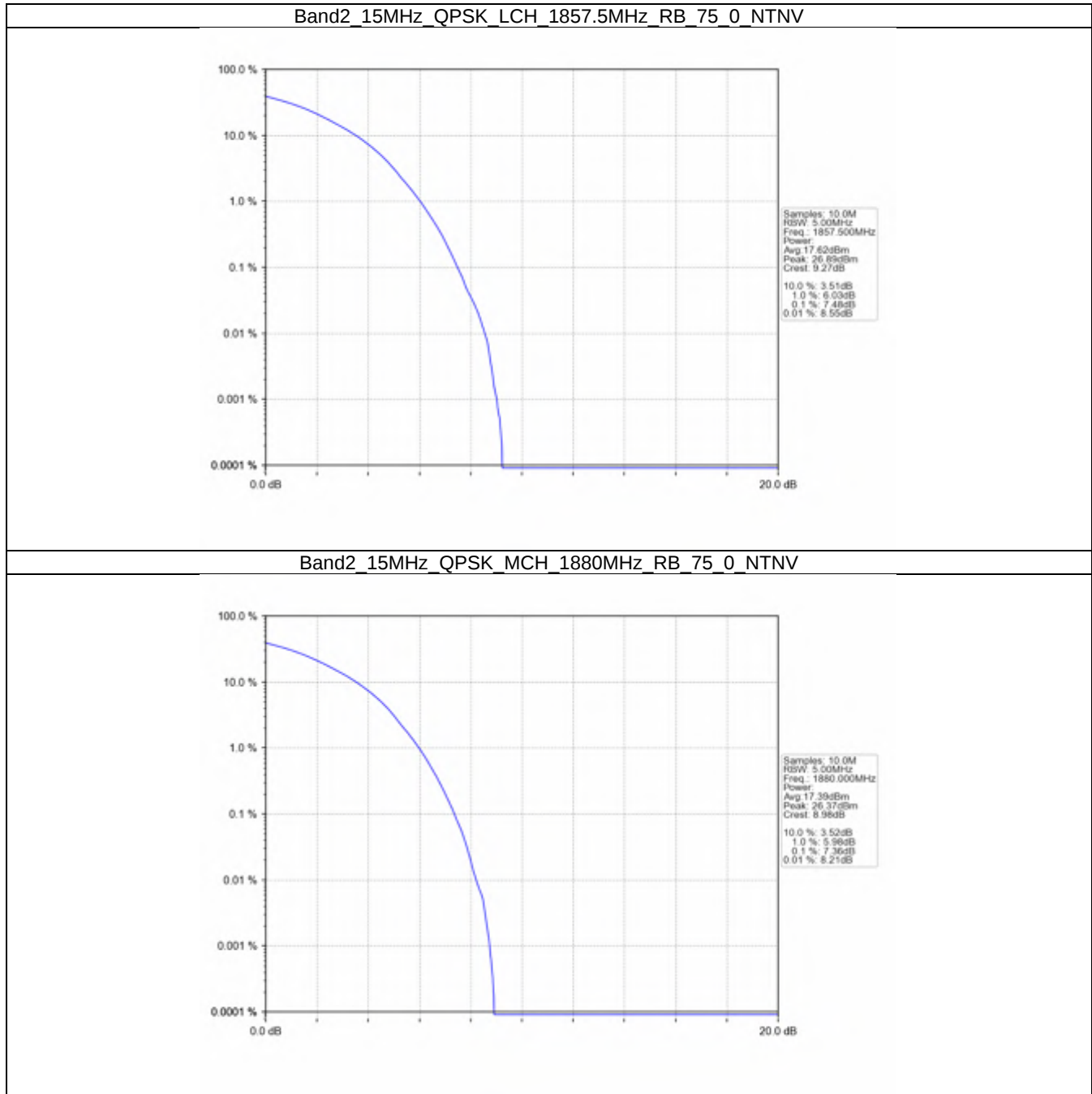
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1.5.2 Test Graph



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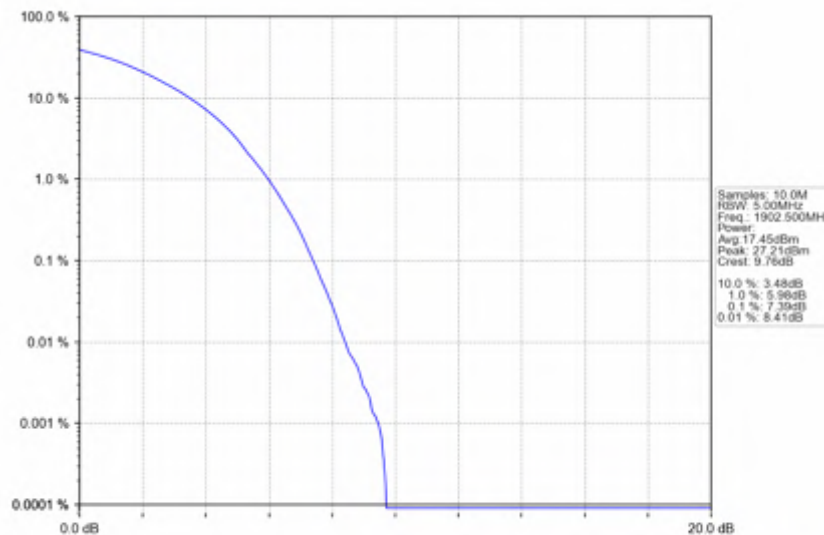
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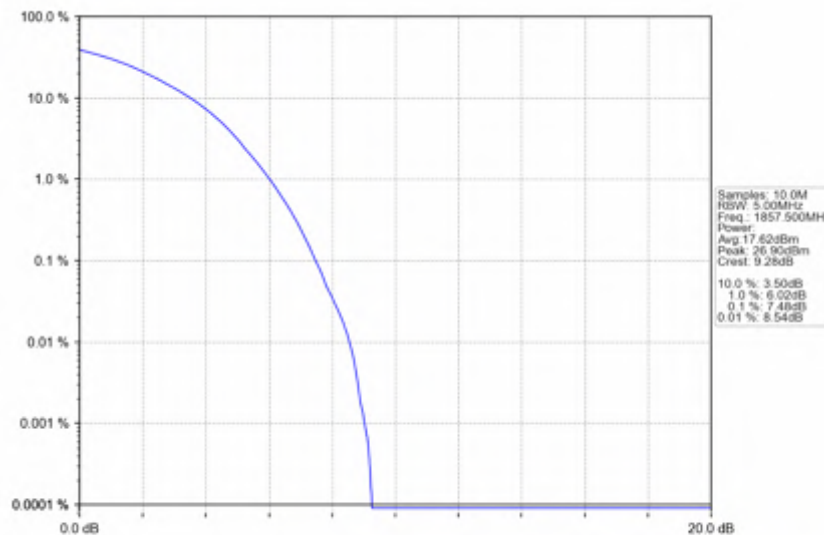
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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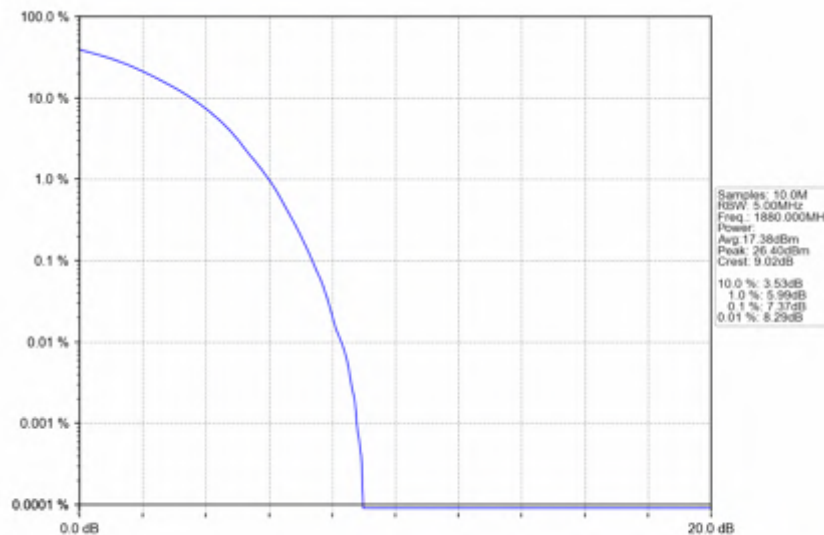
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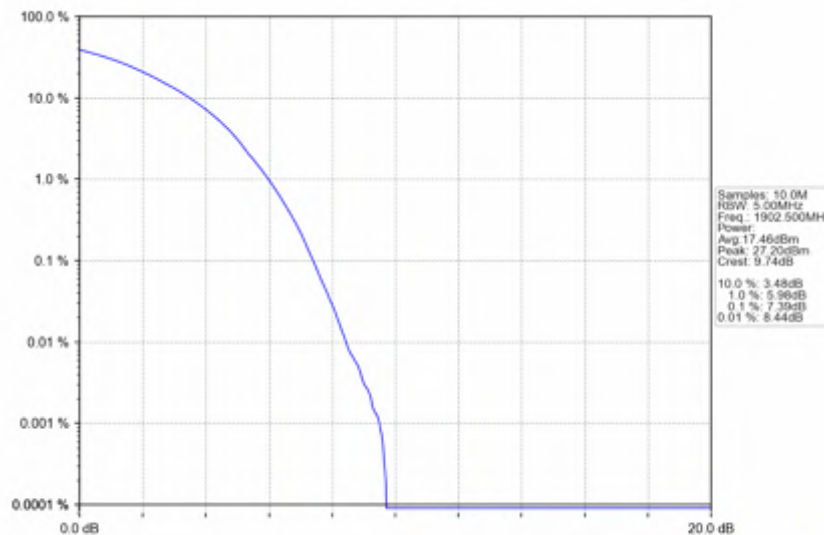
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Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

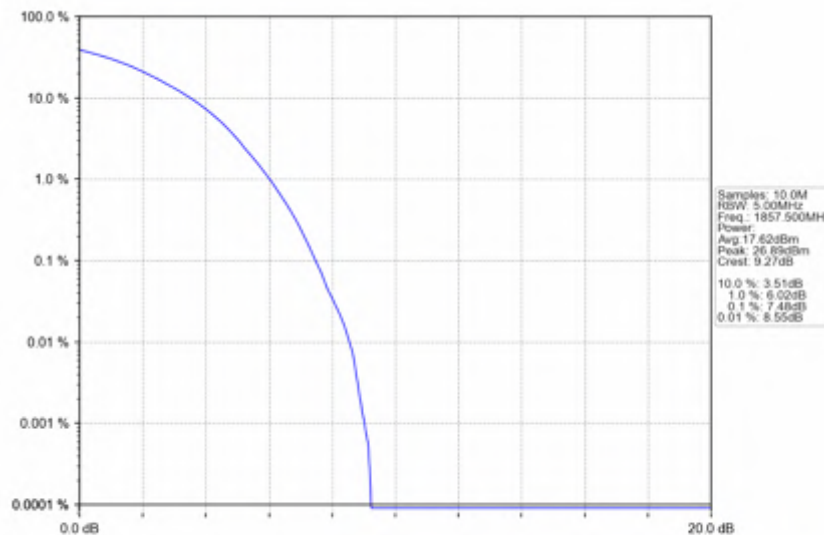


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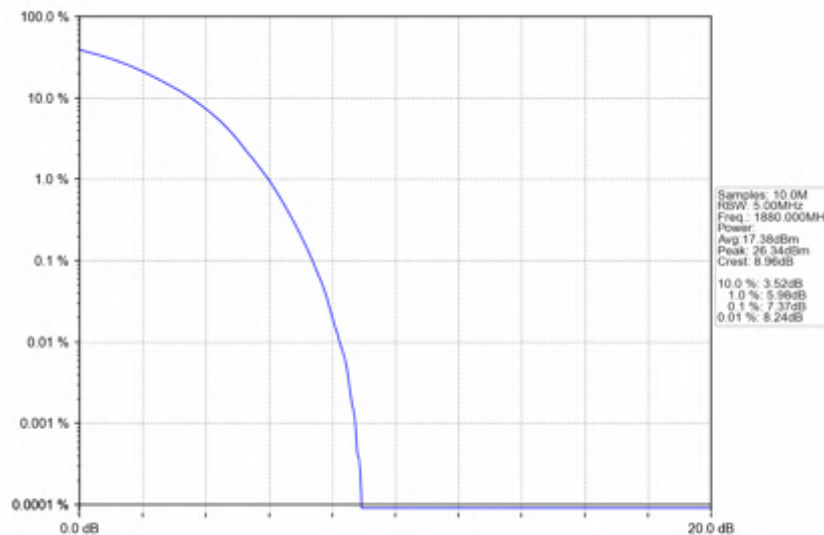
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV



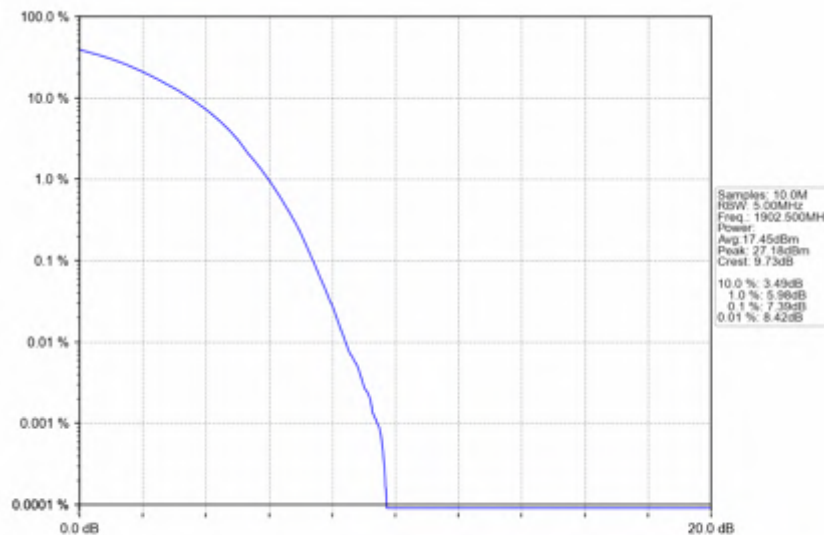
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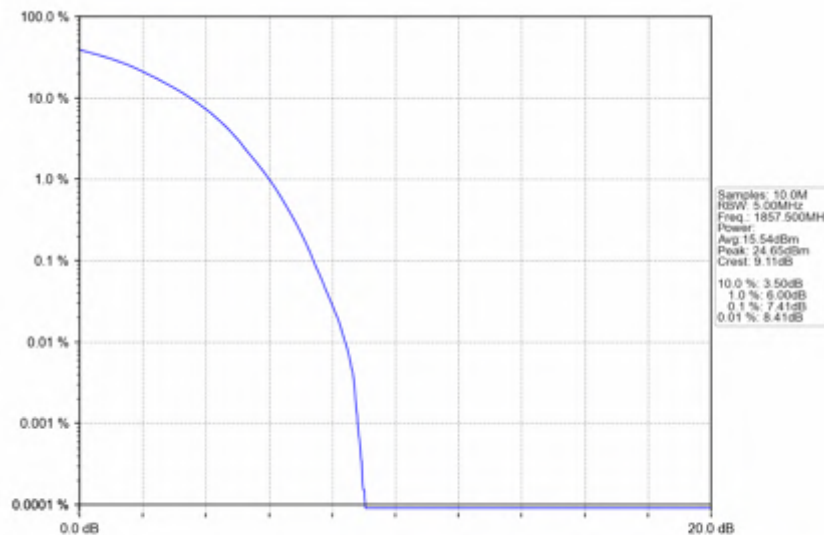
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Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_256QAM_LCH_1857.5MHz_RB_75_0_NTNV

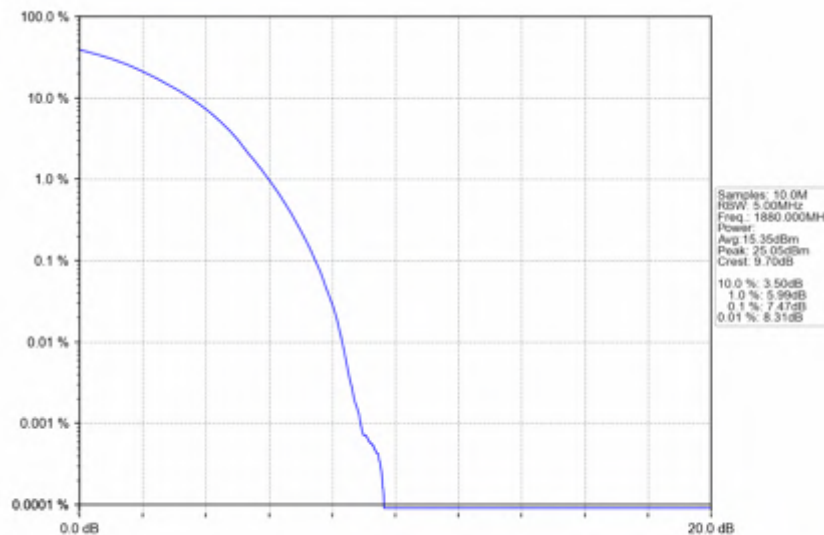


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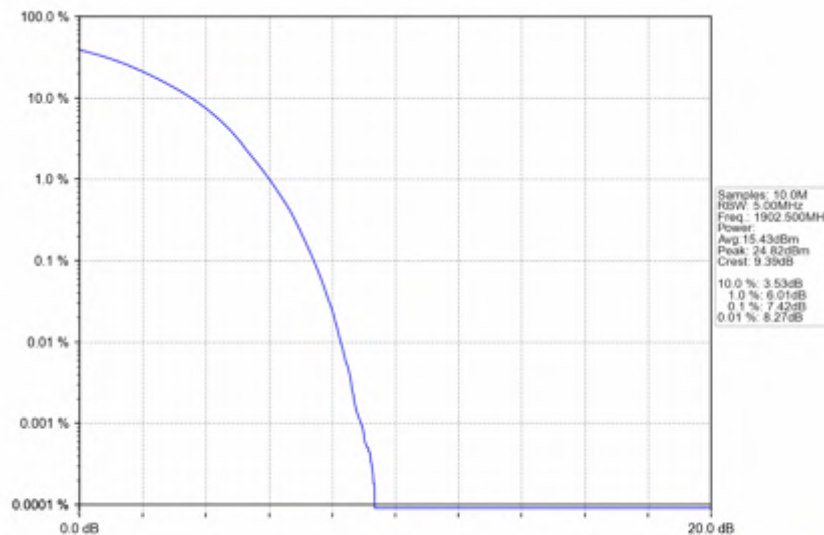
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1.6 B2_20MHz

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	7.66	<=13	Pass
	1880	100	0	7.58	<=13	Pass
	1900	100	0	7.62	<=13	Pass
16QAM	1860	100	0	7.66	<=13	Pass
	1880	100	0	7.57	<=13	Pass
	1900	100	0	7.62	<=13	Pass
64QAM	1860	100	0	7.65	<=13	Pass
	1880	100	0	7.57	<=13	Pass
	1900	100	0	7.62	<=13	Pass
256QAM	1860	100	0	7.65	<=13	Pass
	1880	100	0	7.60	<=13	Pass
	1900	100	0	7.67	<=13	Pass



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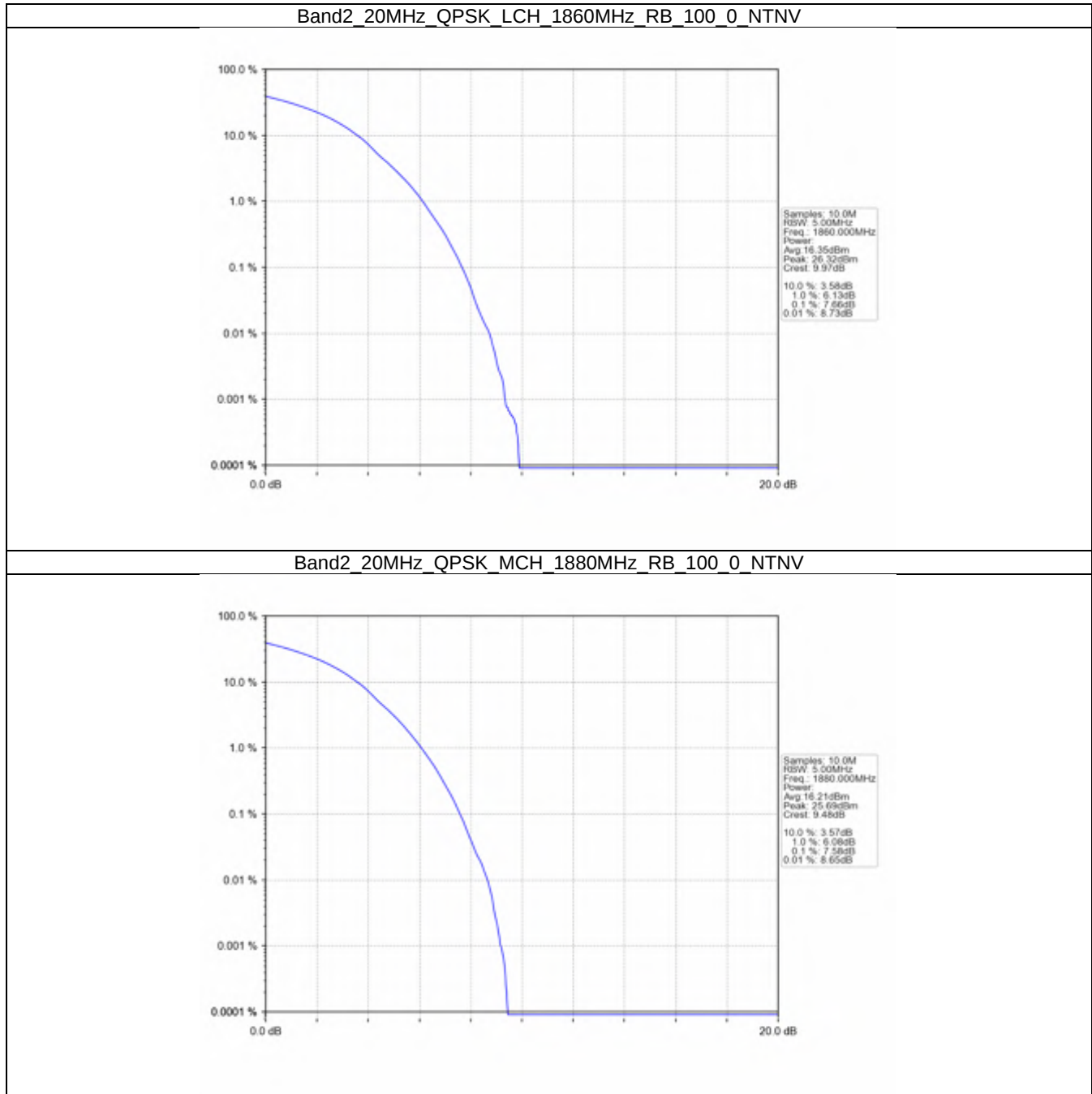
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1.6.2 Test Graph



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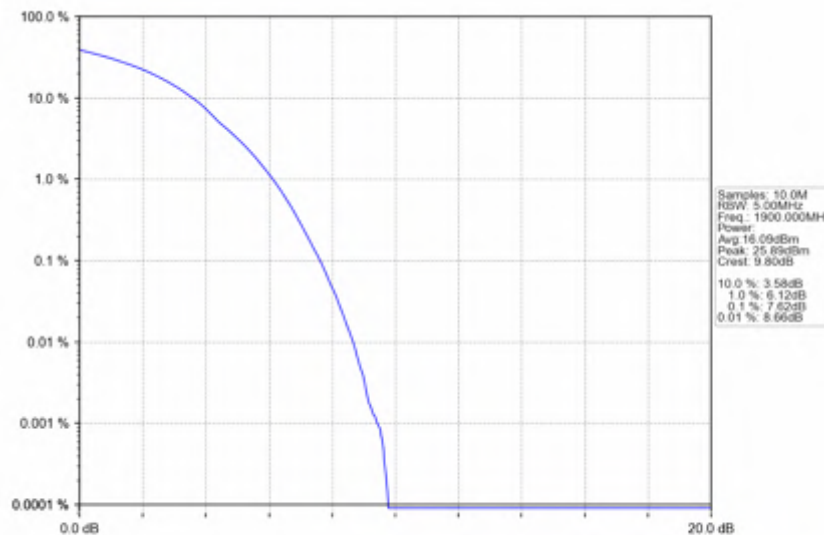
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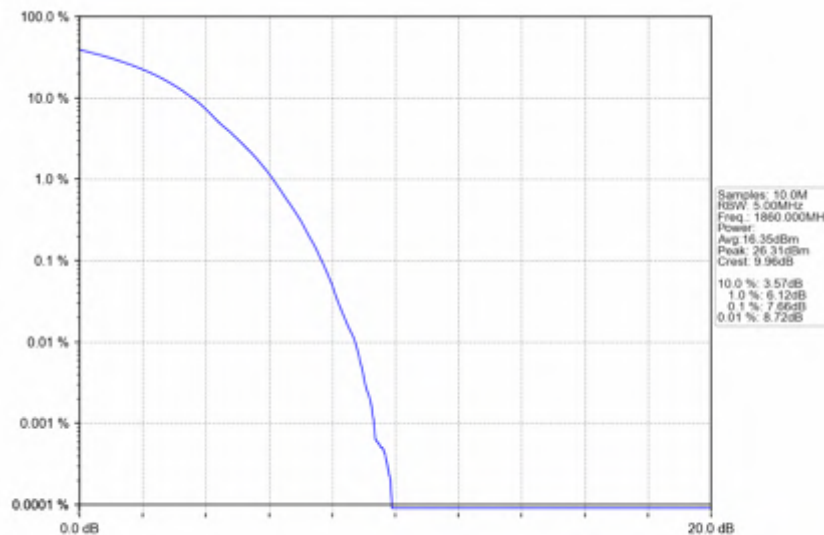
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Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



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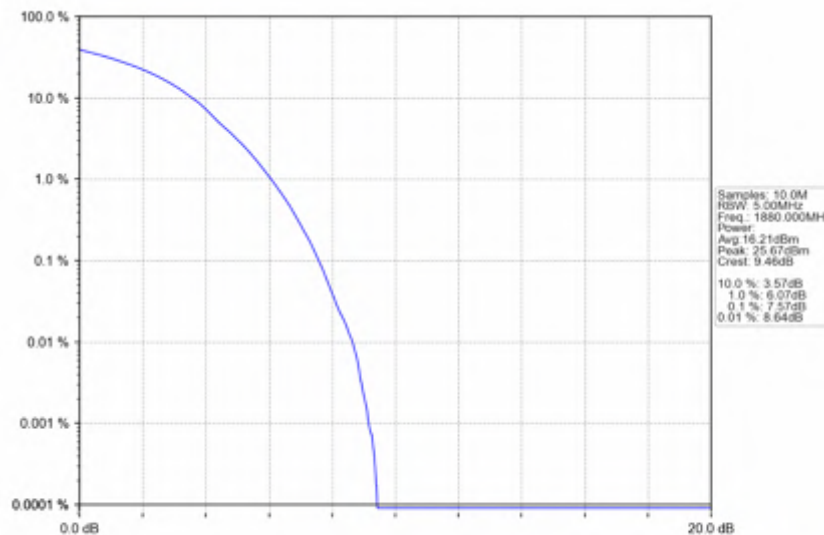


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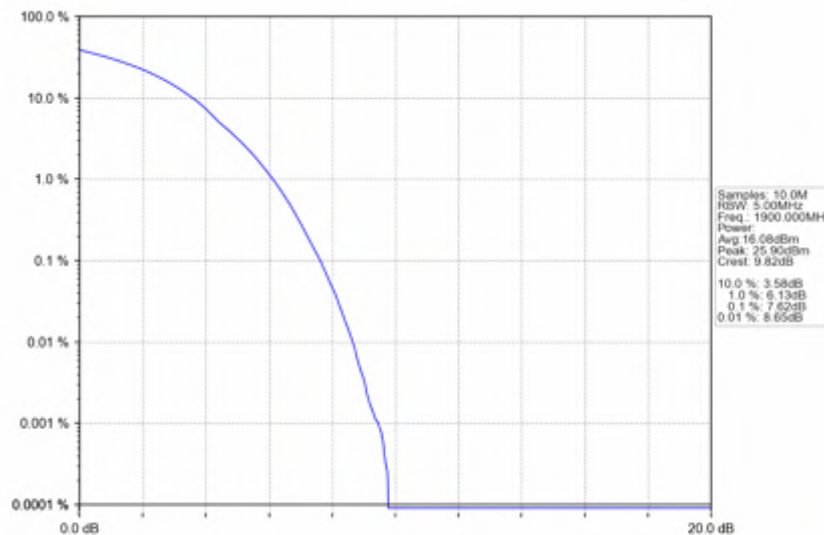
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Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



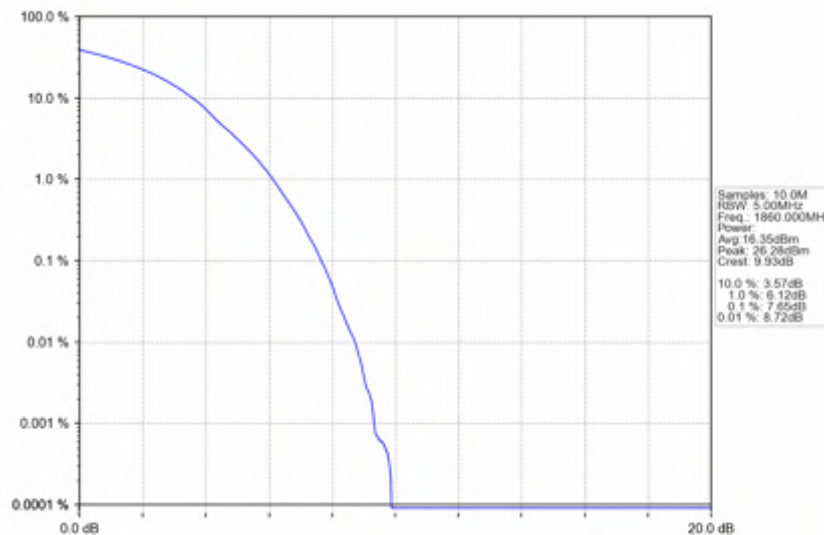
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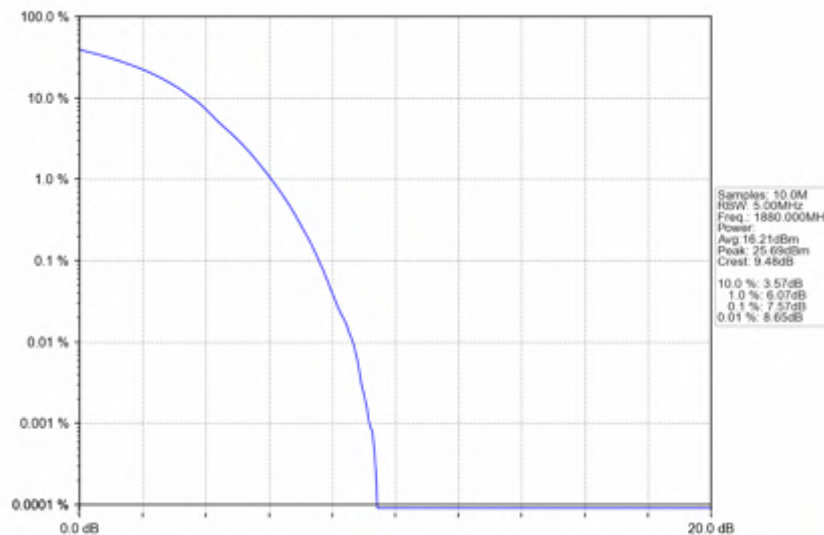
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Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



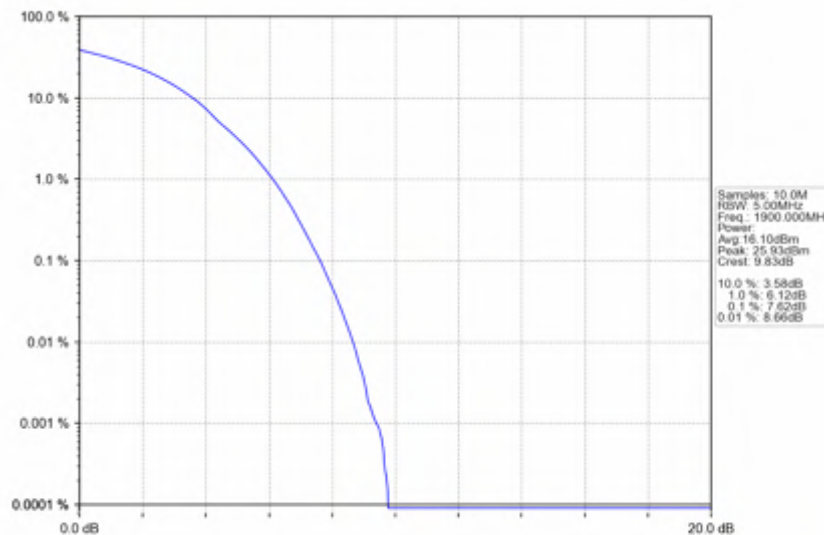
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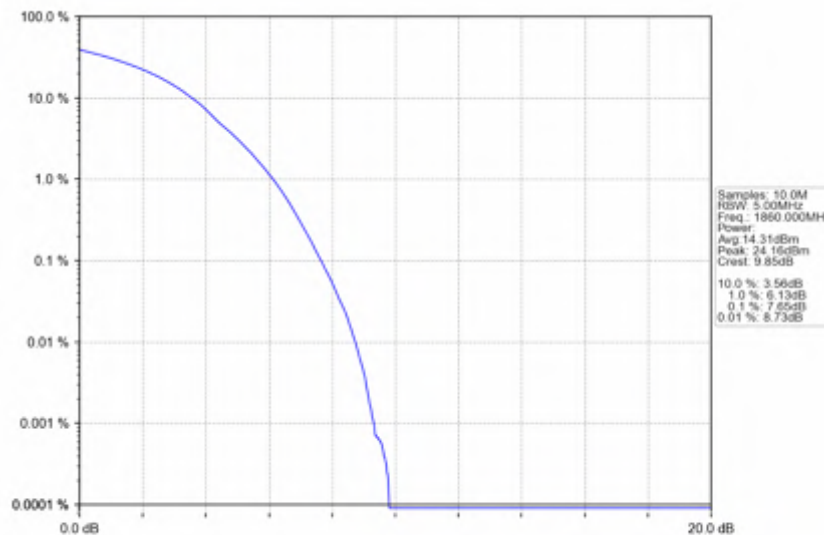
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Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV

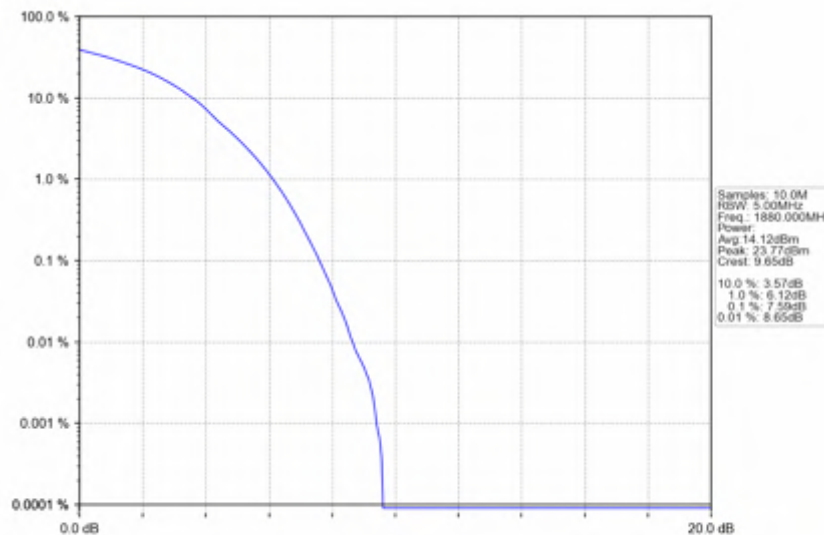


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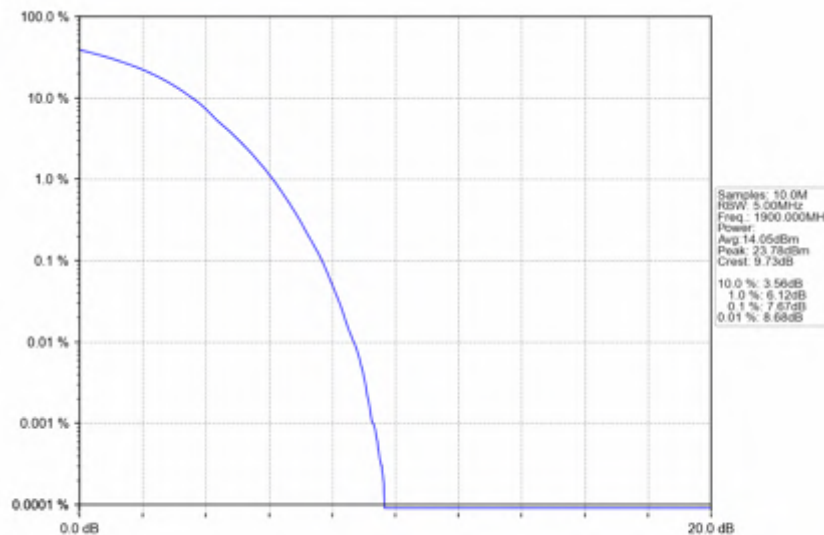
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Band2_20MHz_256QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_256QAM_HCH_1900MHz_RB_100_0_NTNV



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2. Peak-Average Ratio

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	6.59	<=13	Pass
	1732.5	6	0	6.52	<=13	Pass
	1754.3	6	0	6.91	<=13	Pass
16QAM	1710.7	6	0	6.58	<=13	Pass
	1732.5	6	0	6.52	<=13	Pass
	1754.3	6	0	6.92	<=13	Pass
64QAM	1710.7	6	0	6.59	<=13	Pass
	1732.5	6	0	6.52	<=13	Pass
	1754.3	6	0	6.93	<=13	Pass
256QAM	1710.7	6	0	6.70	<=13	Pass
	1732.5	6	0	6.91	<=13	Pass
	1754.3	6	0	7.02	<=13	Pass



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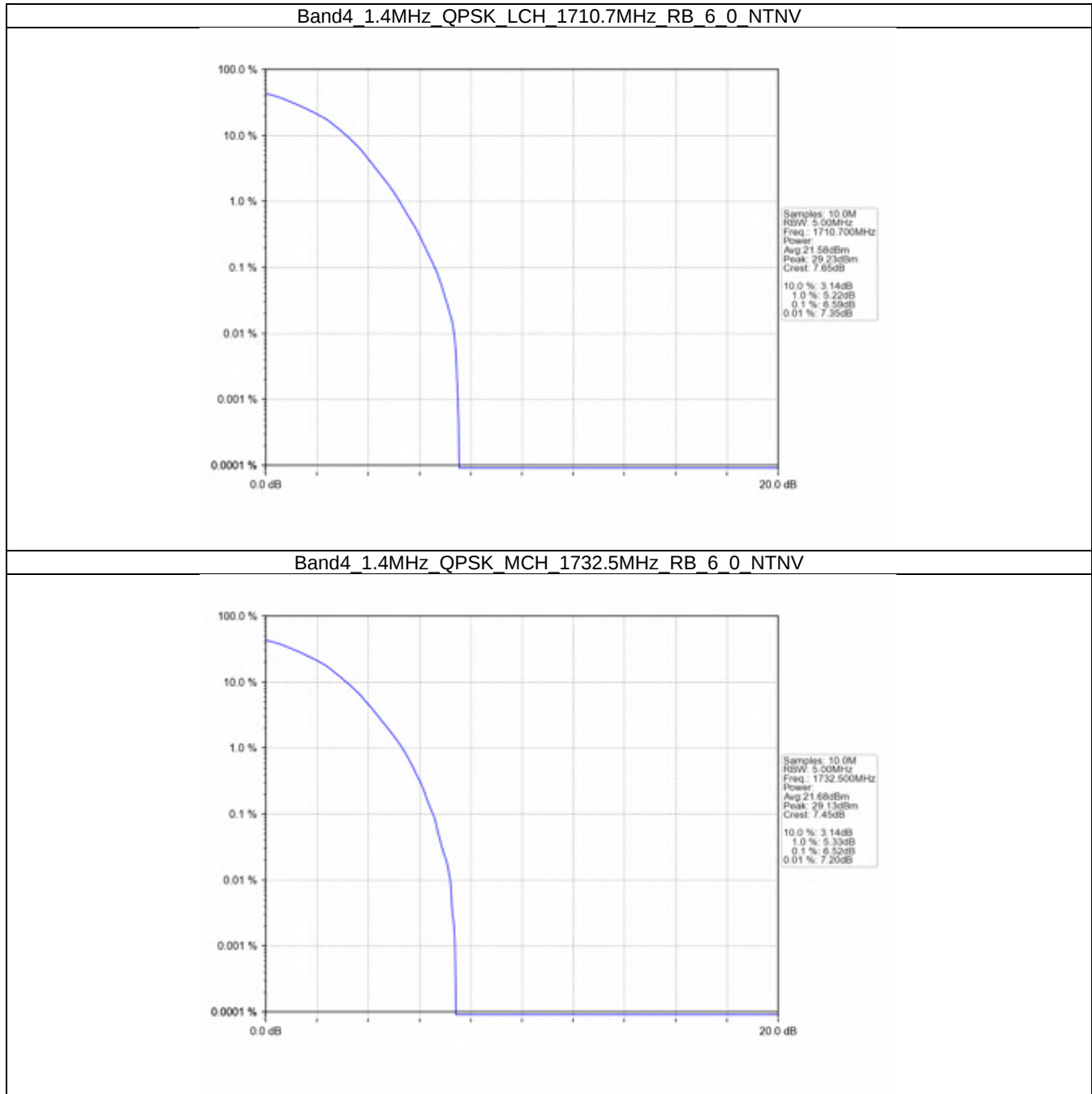
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2.1.2 Test Graph



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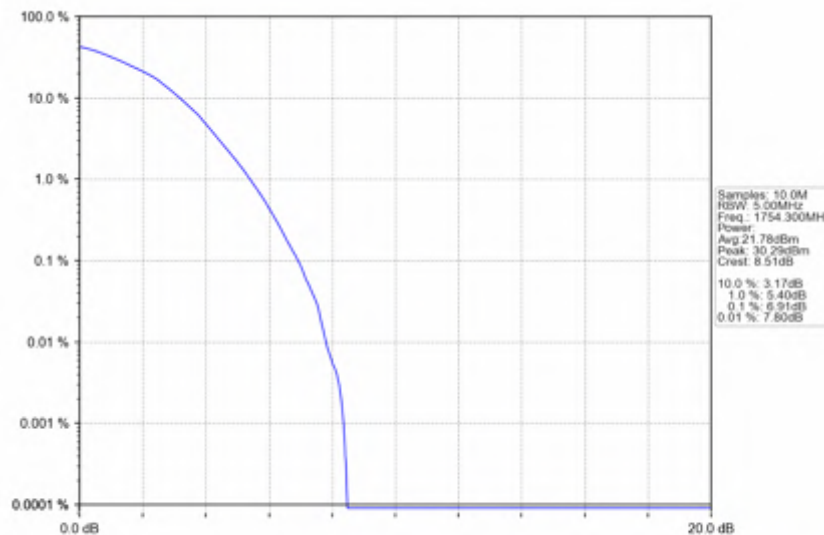
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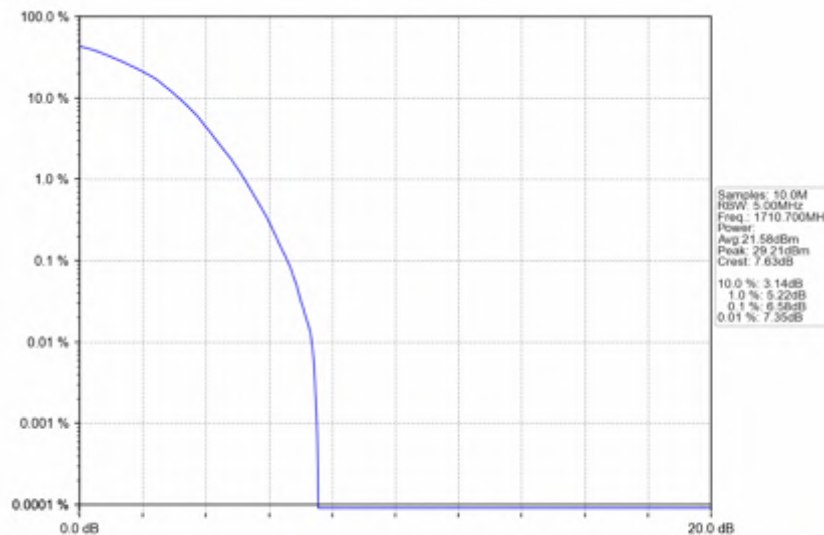
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Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

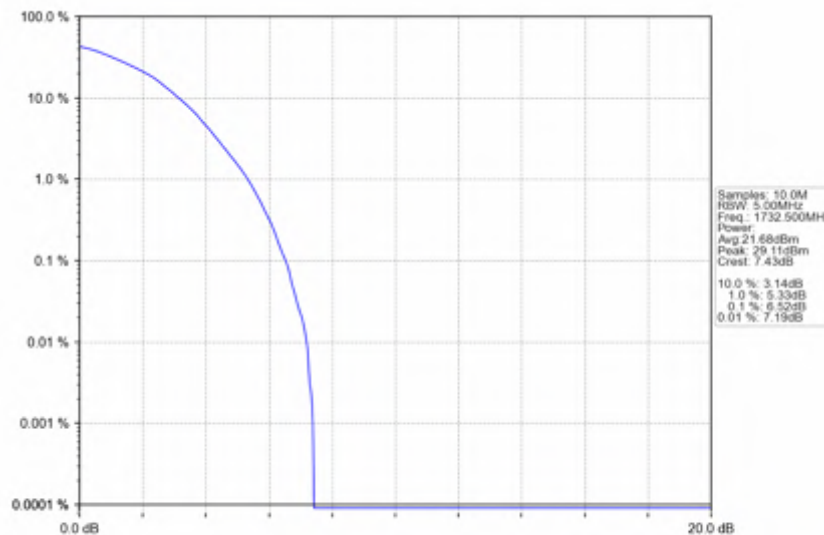


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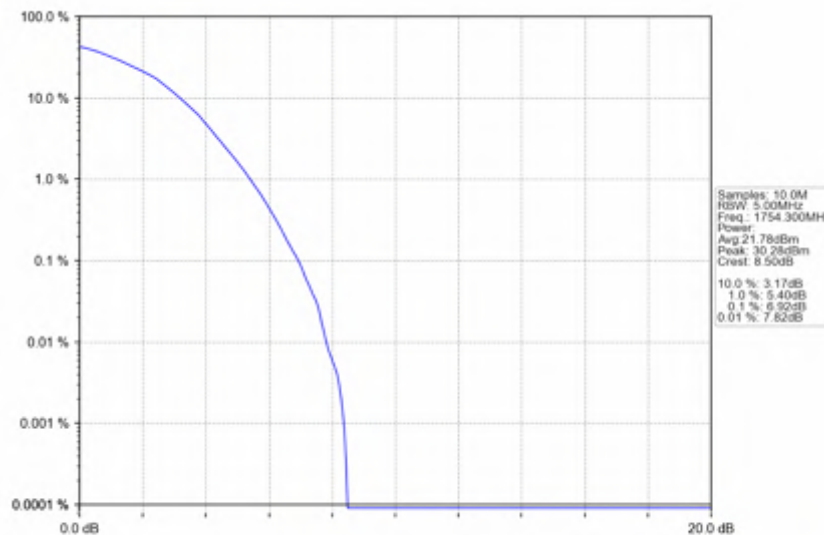
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Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

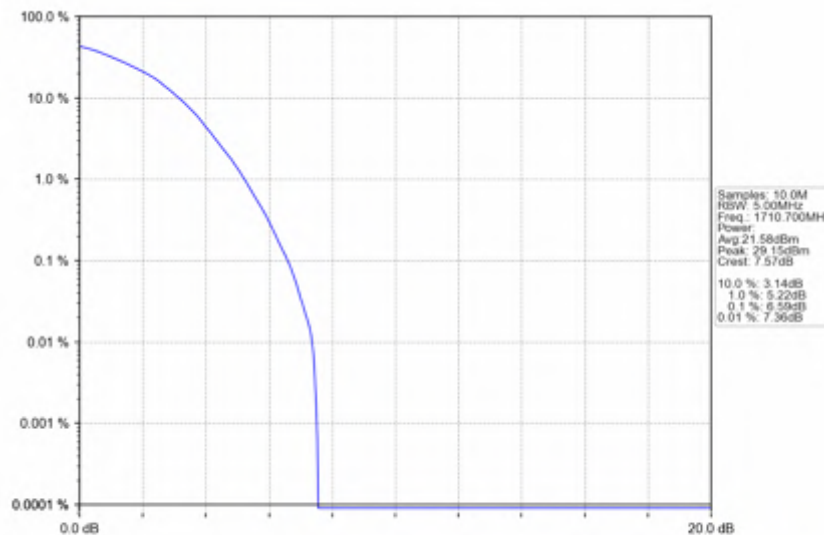


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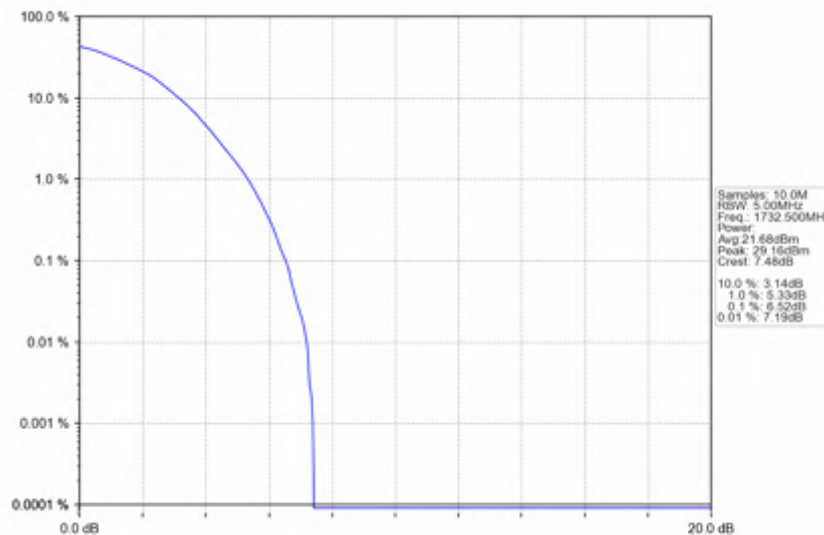
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Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV

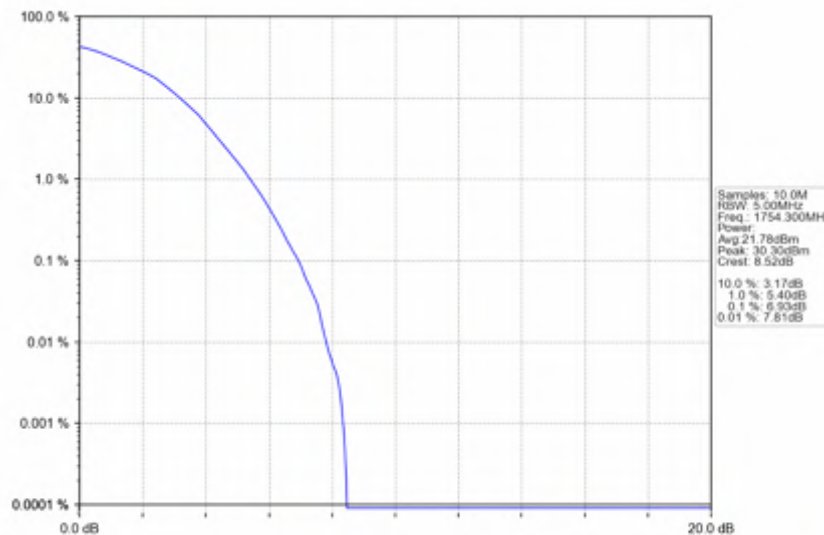


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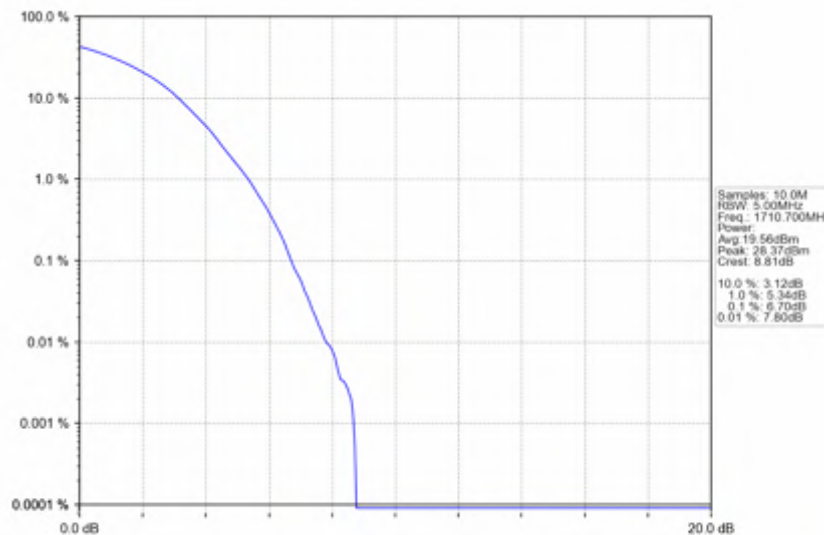
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Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV

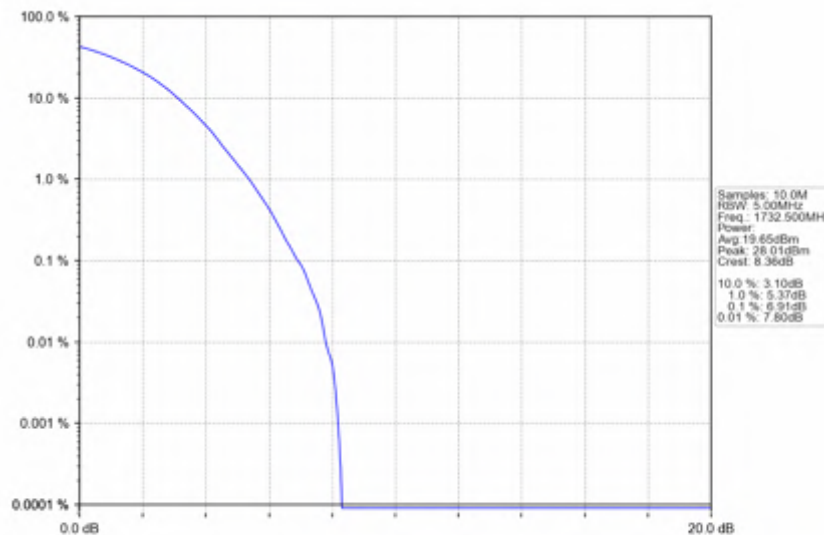


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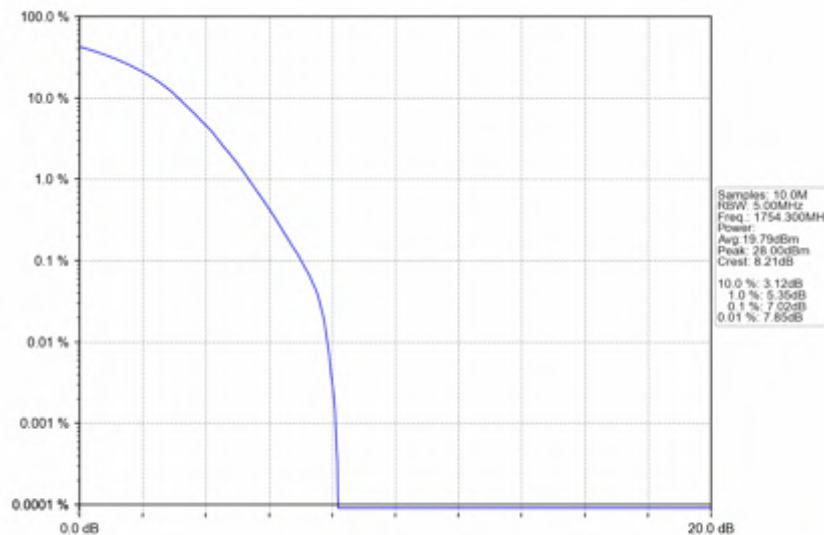
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2.2 B4_3MHz

2.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	6.76	<=13	Pass
	1732.5	15	0	6.59	<=13	Pass
	1753.5	15	0	6.92	<=13	Pass
16QAM	1711.5	15	0	6.75	<=13	Pass
	1732.5	15	0	6.60	<=13	Pass
	1753.5	15	0	6.91	<=13	Pass
64QAM	1711.5	15	0	6.76	<=13	Pass
	1732.5	15	0	6.60	<=13	Pass
	1753.5	15	0	6.91	<=13	Pass
256QAM	1711.5	15	0	6.89	<=13	Pass
	1732.5	15	0	6.80	<=13	Pass
	1753.5	15	0	6.98	<=13	Pass



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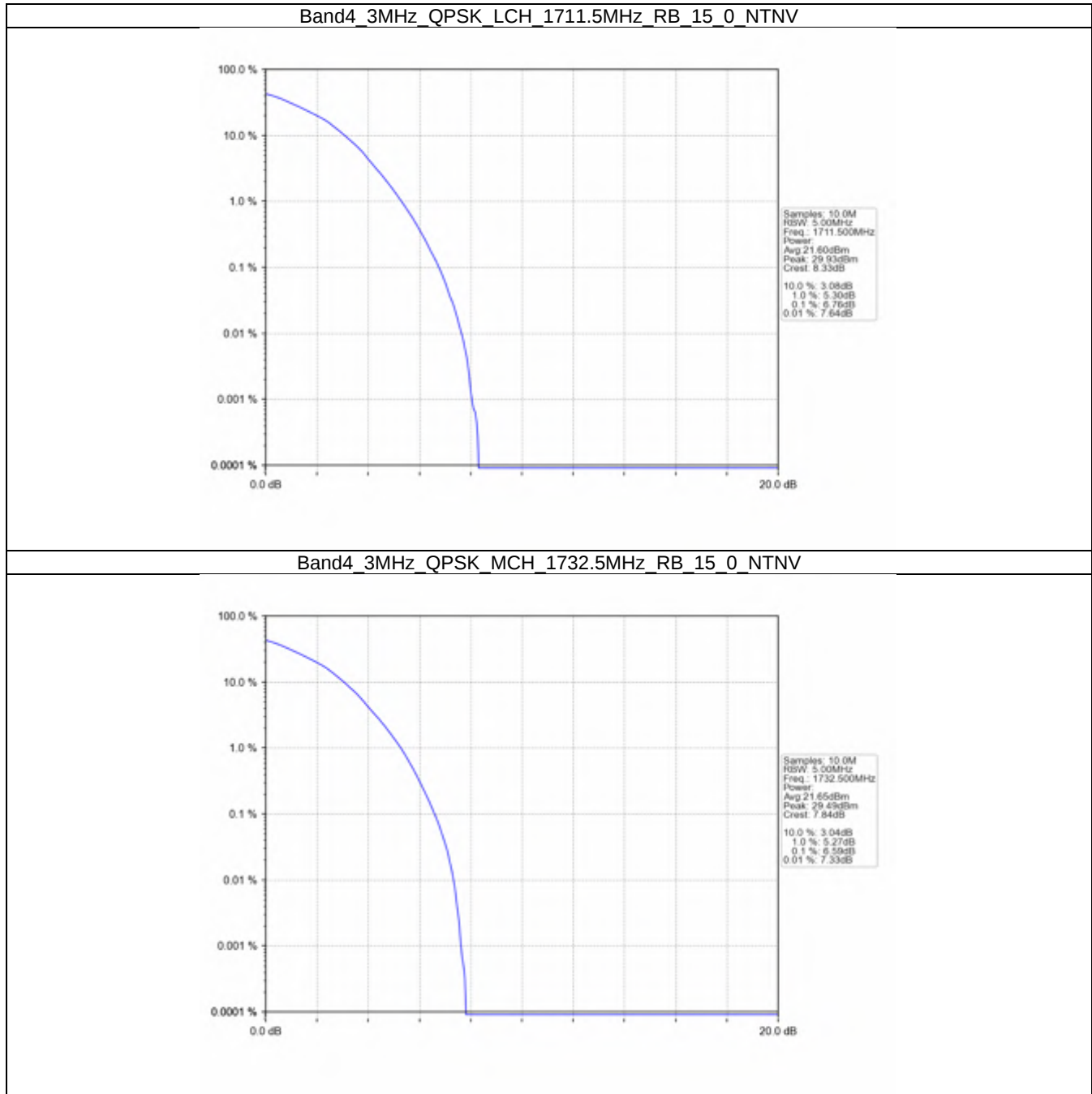
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2.2.2 Test Graph



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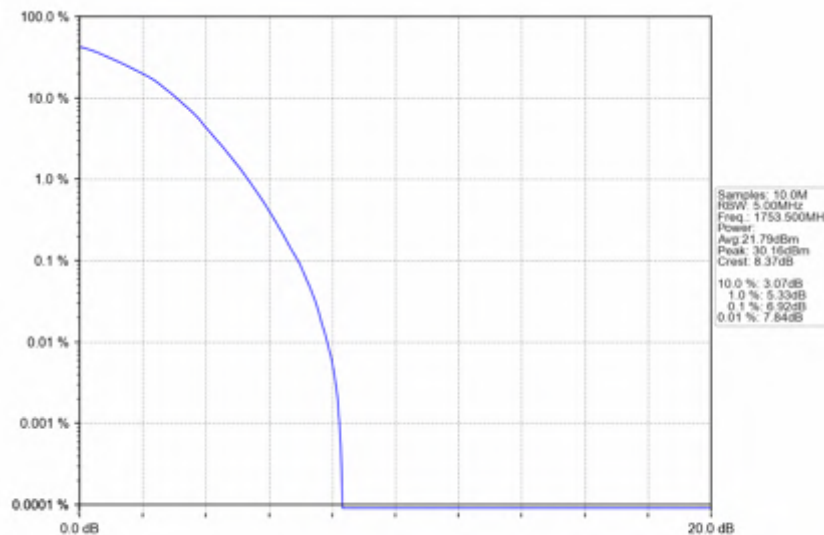
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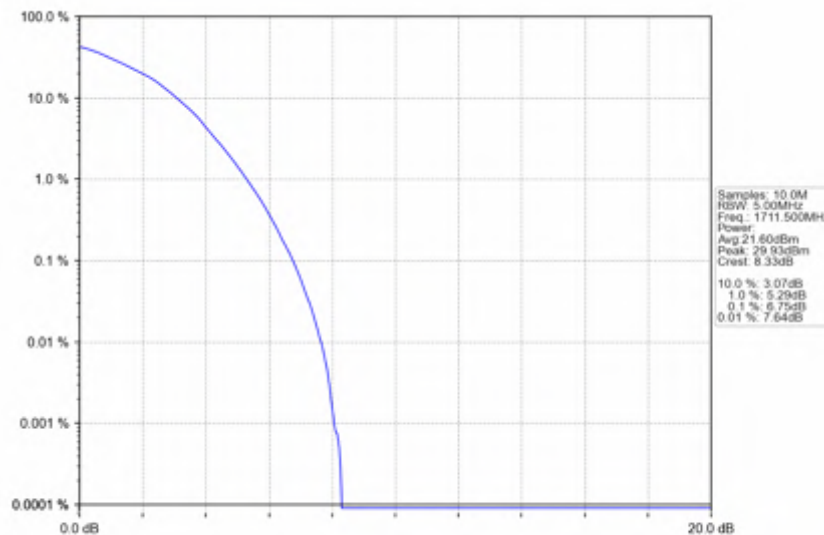
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Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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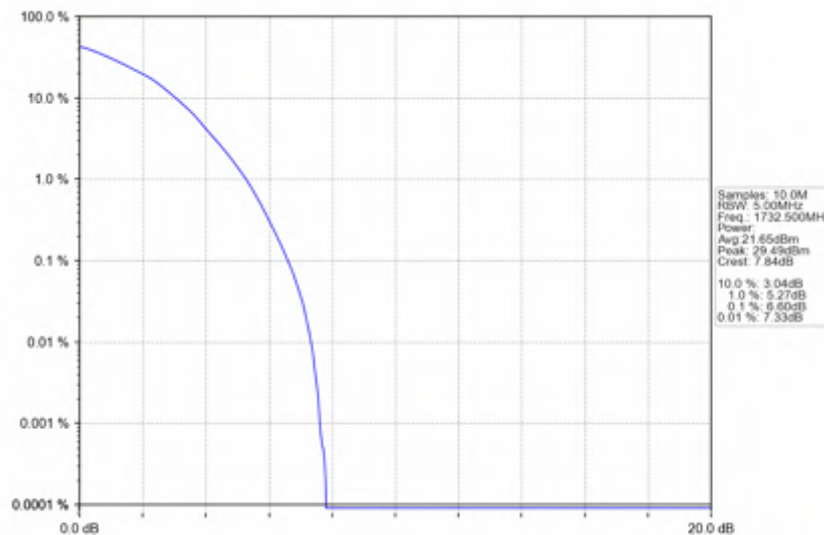
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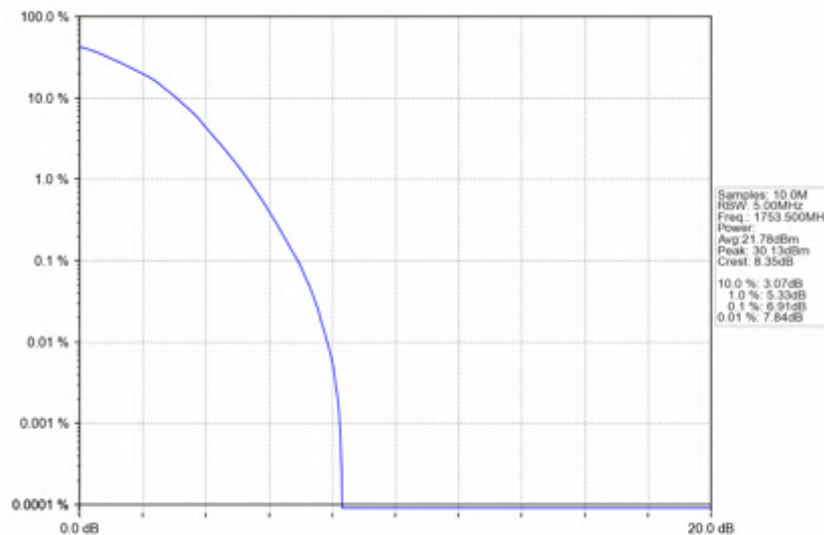
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Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

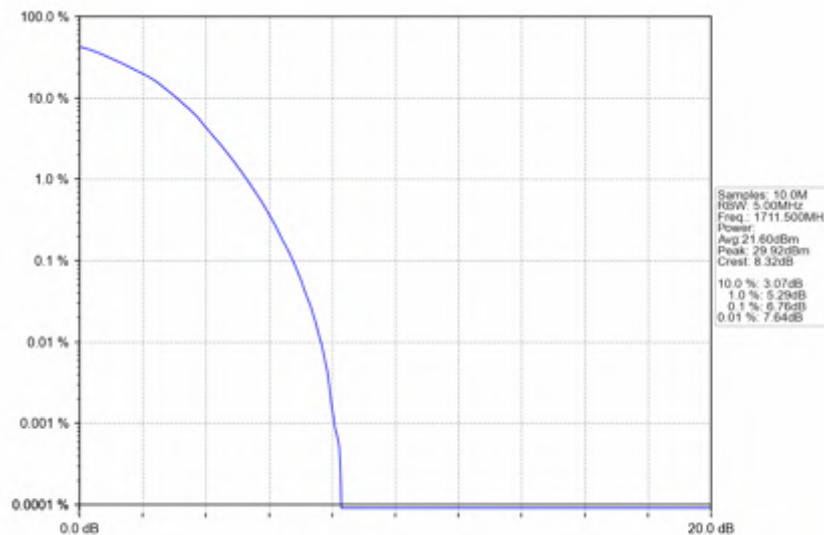


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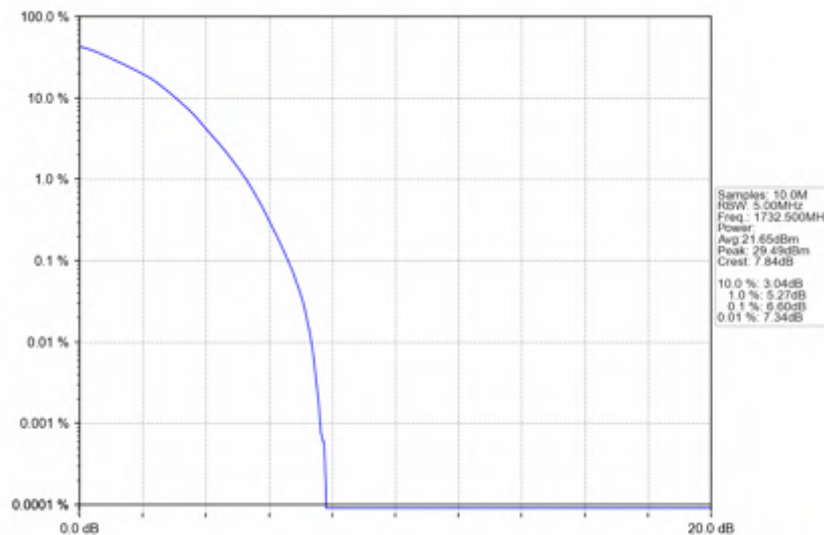
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Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV

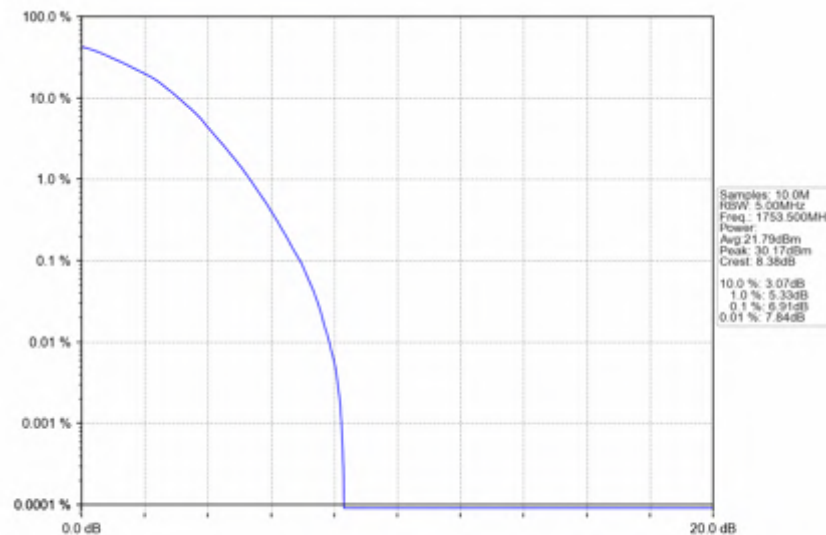


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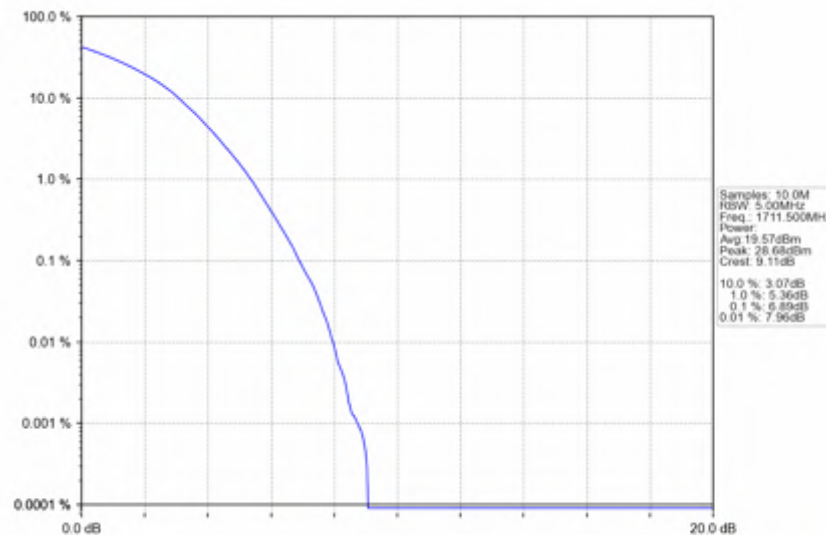
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Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



Band4_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



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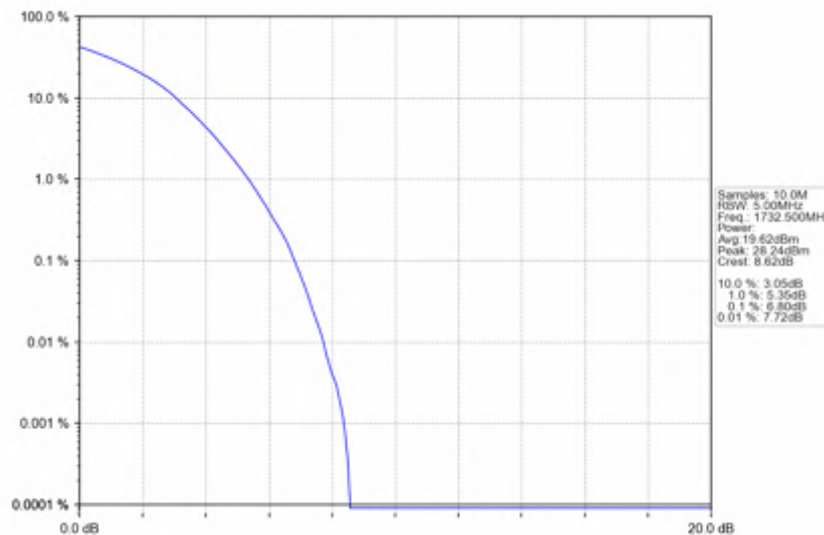
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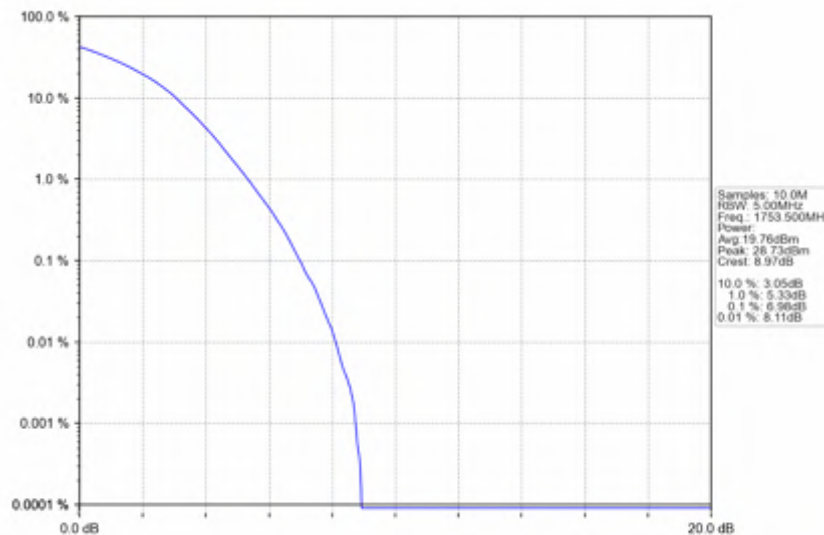
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2.3 B4_5MHz

2.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	6.69	<=13	Pass
	1732.5	25	0	6.58	<=13	Pass
	1752.5	25	0	6.70	<=13	Pass
16QAM	1712.5	25	0	6.70	<=13	Pass
	1732.5	25	0	6.58	<=13	Pass
	1752.5	25	0	6.72	<=13	Pass
64QAM	1712.5	25	0	6.69	<=13	Pass
	1732.5	25	0	6.57	<=13	Pass
	1752.5	25	0	6.71	<=13	Pass
256QAM	1712.5	25	0	6.74	<=13	Pass
	1732.5	25	0	6.87	<=13	Pass
	1752.5	25	0	6.90	<=13	Pass



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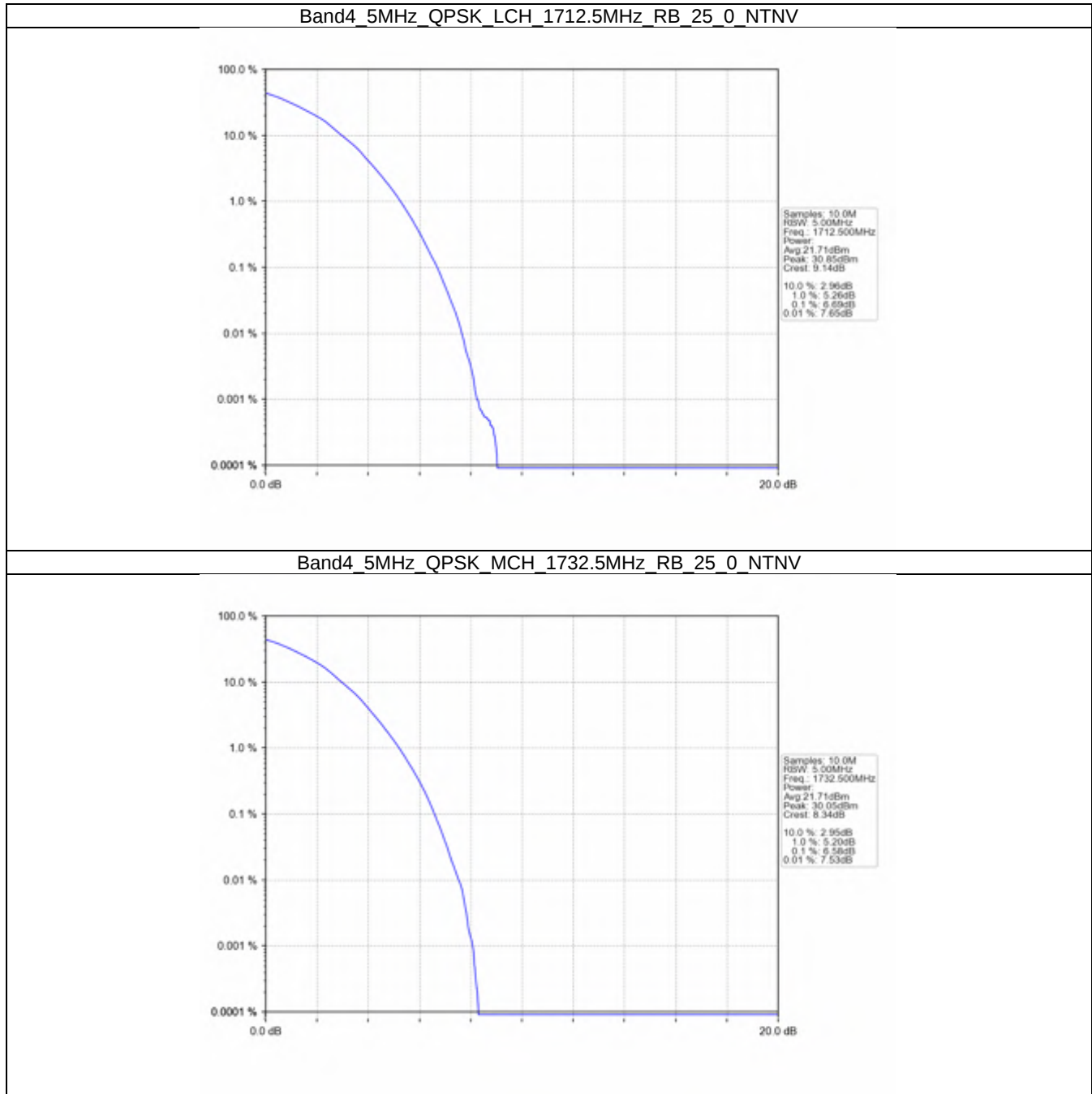
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2.3.2 Test Graph



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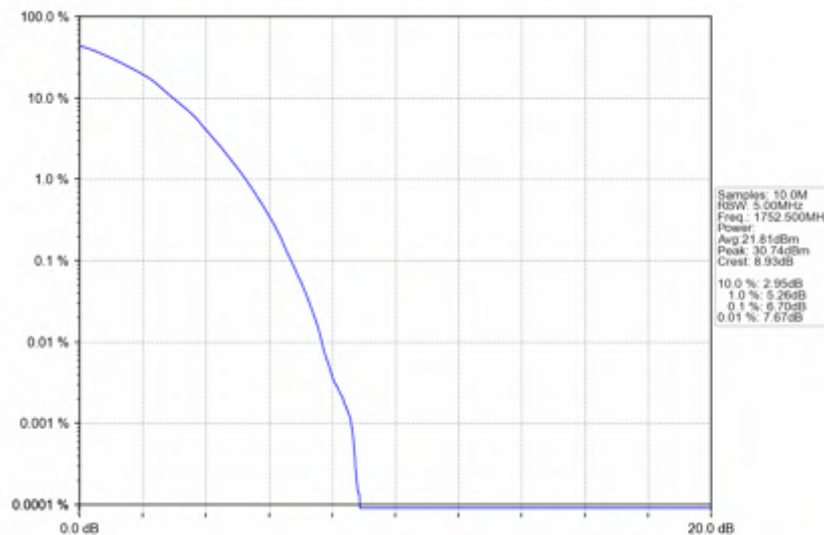
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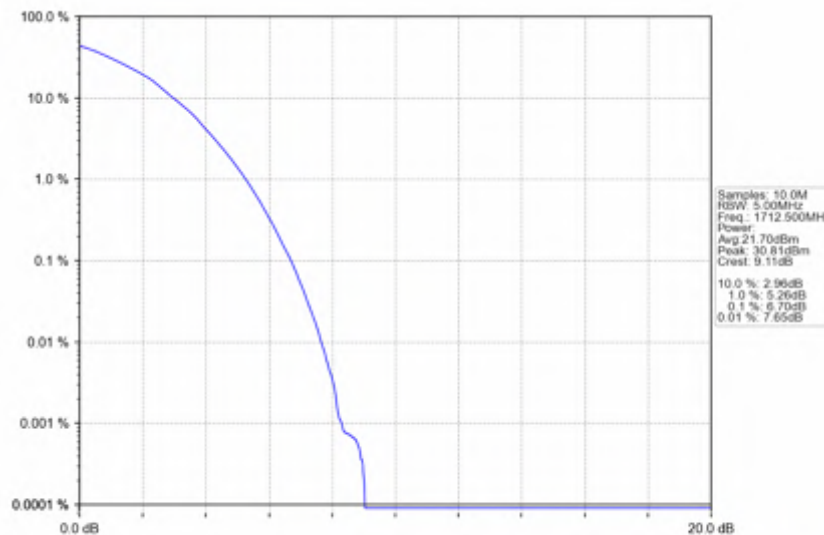
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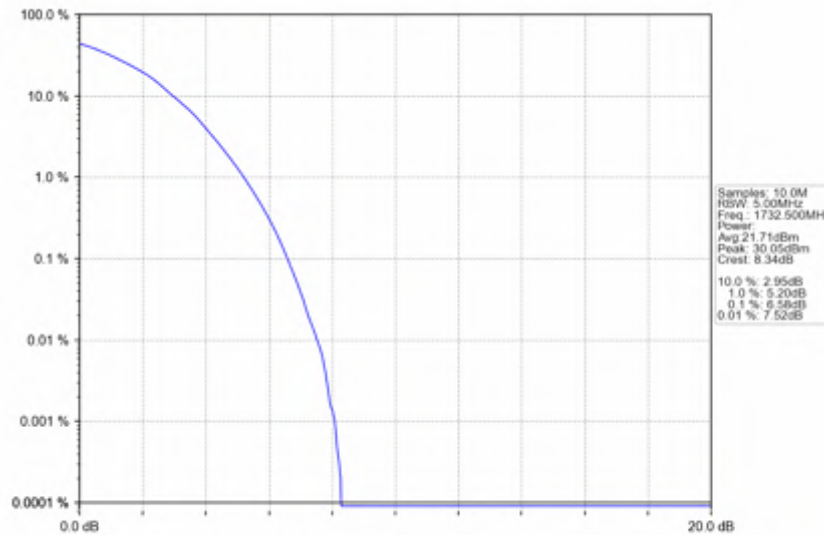
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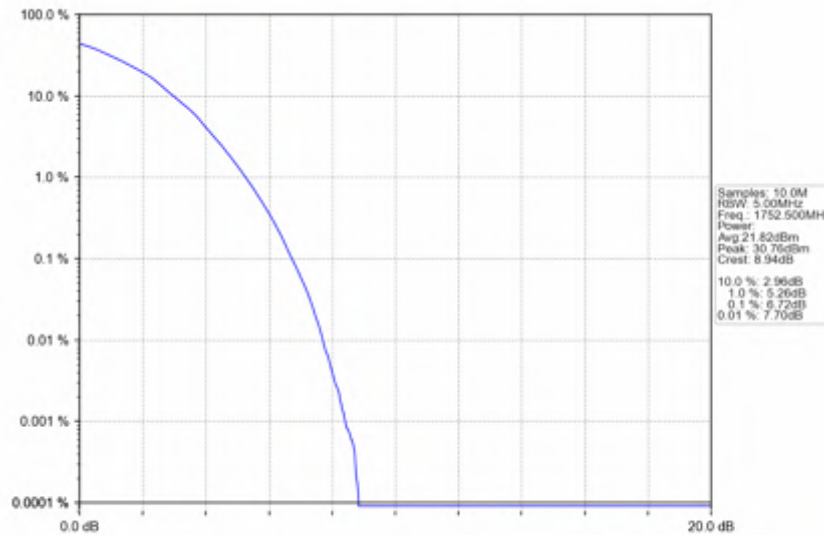
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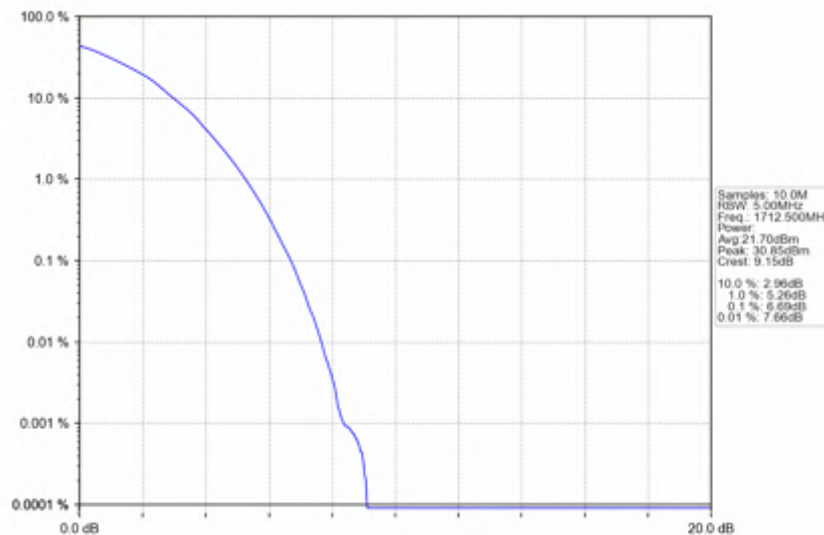
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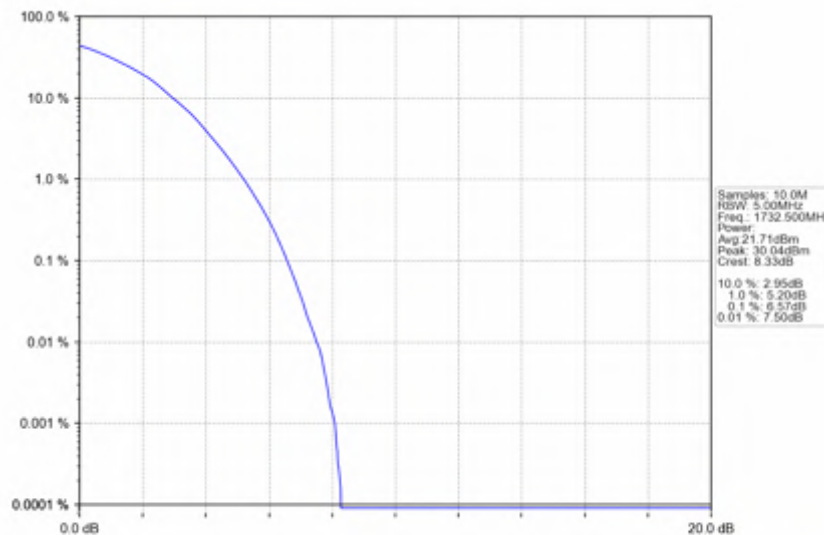
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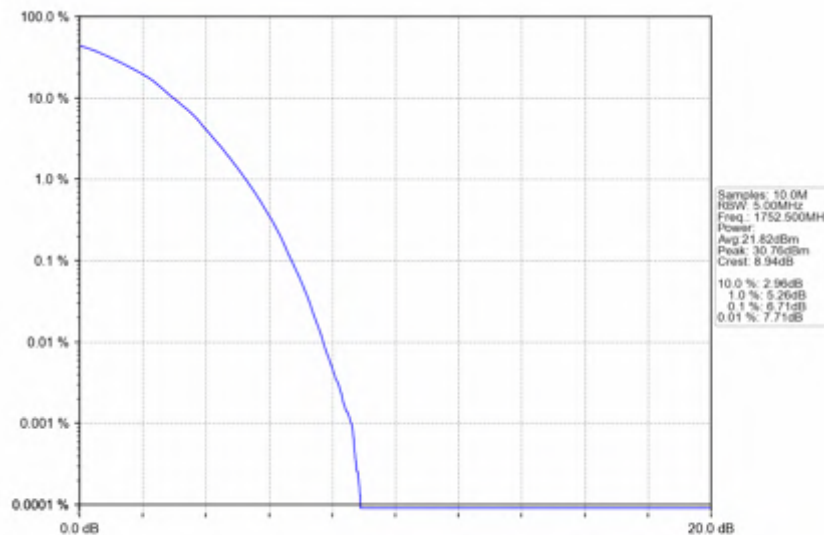
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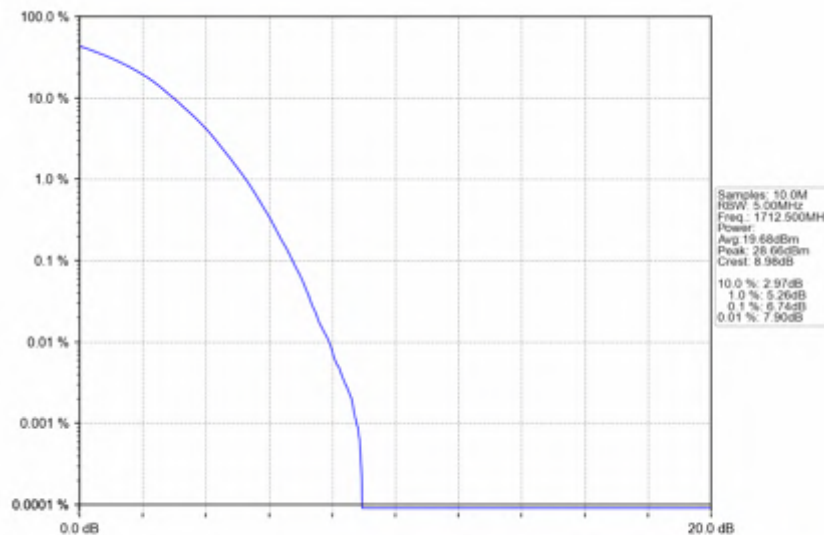
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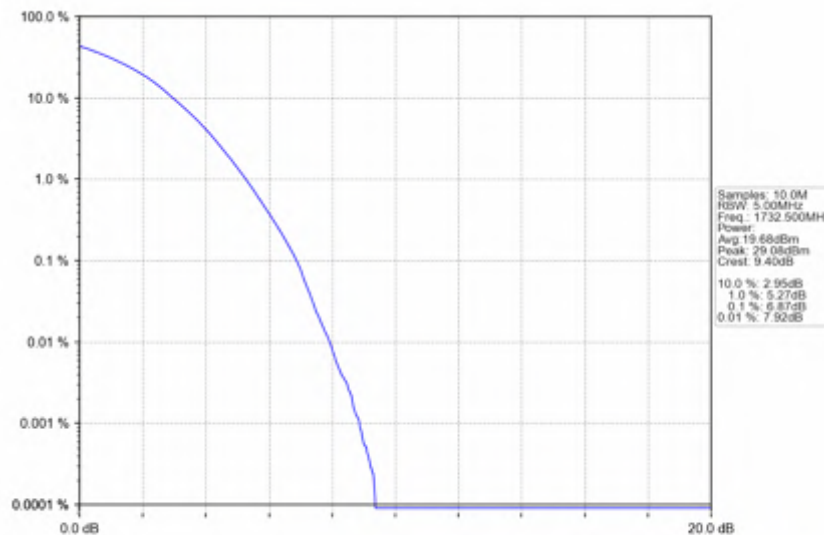
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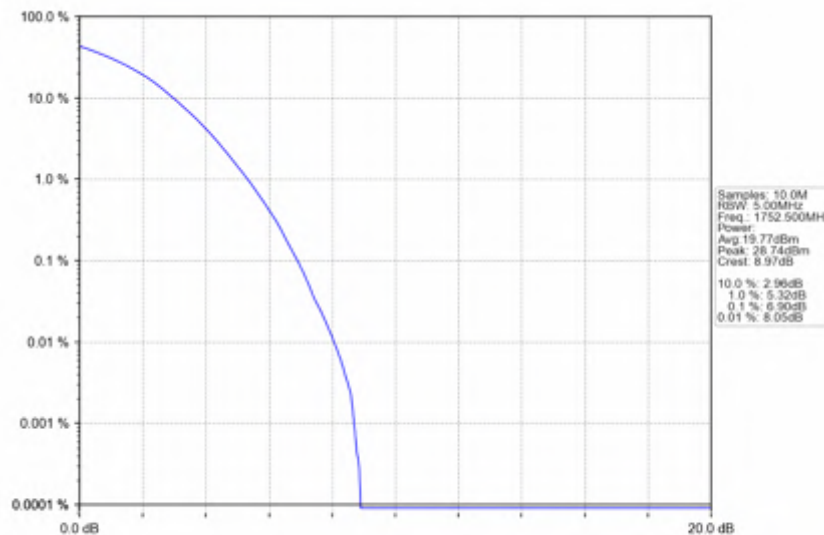
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Band4_5MHz_256QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_256QAM_HCH_1752.5MHz_RB_25_0_NTNV



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2.4 B4_10MHz

2.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	7.06	<=13	Pass
	1732.5	50	0	7.01	<=13	Pass
	1750	50	0	7.00	<=13	Pass
16QAM	1715	50	0	7.04	<=13	Pass
	1732.5	50	0	7.01	<=13	Pass
	1750	50	0	7.02	<=13	Pass
64QAM	1715	50	0	7.06	<=13	Pass
	1732.5	50	0	7.00	<=13	Pass
	1750	50	0	7.02	<=13	Pass
256QAM	1715	50	0	7.08	<=13	Pass
	1732.5	50	0	7.02	<=13	Pass
	1750	50	0	7.04	<=13	Pass



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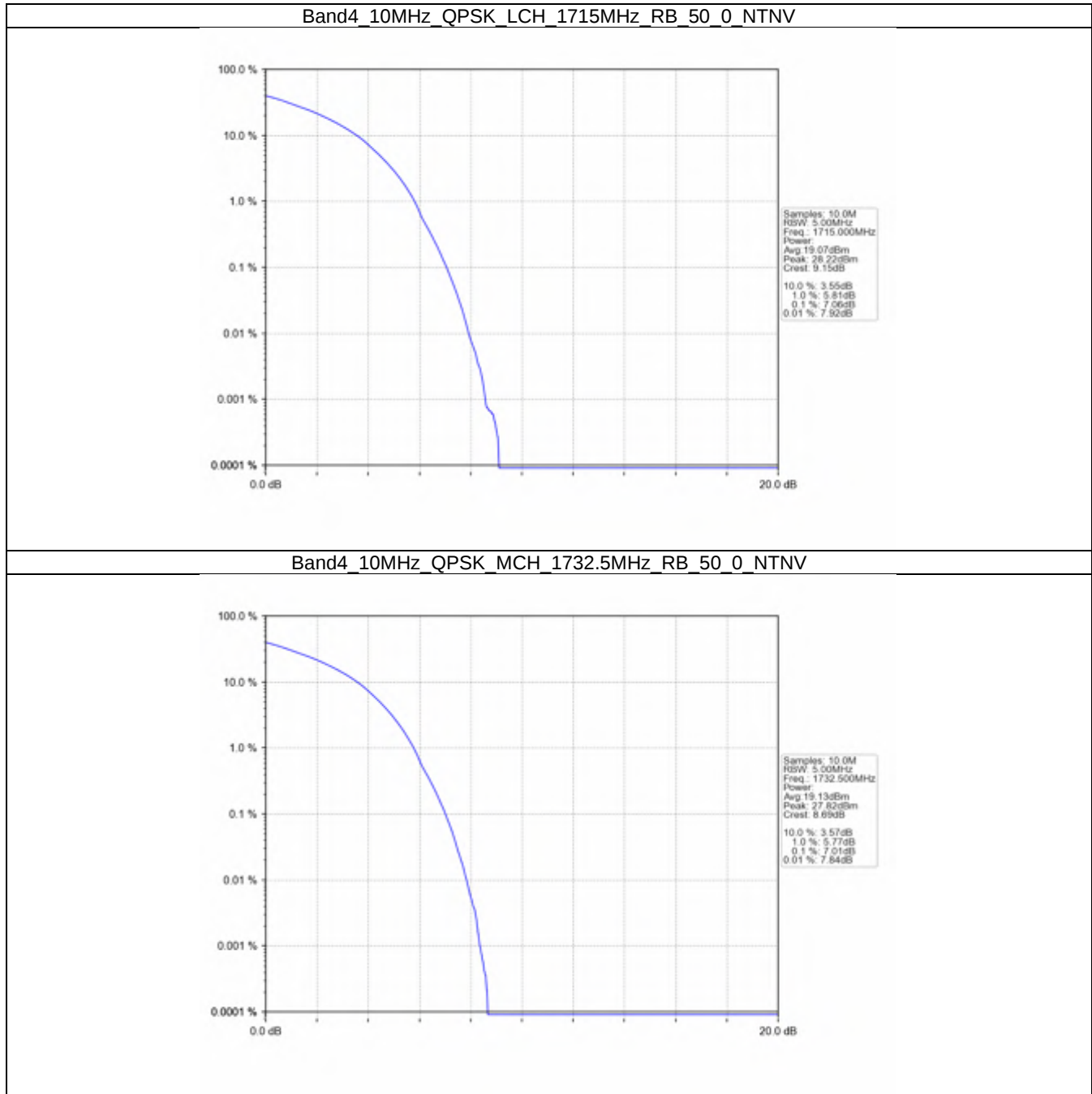
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2.4.2 Test Graph



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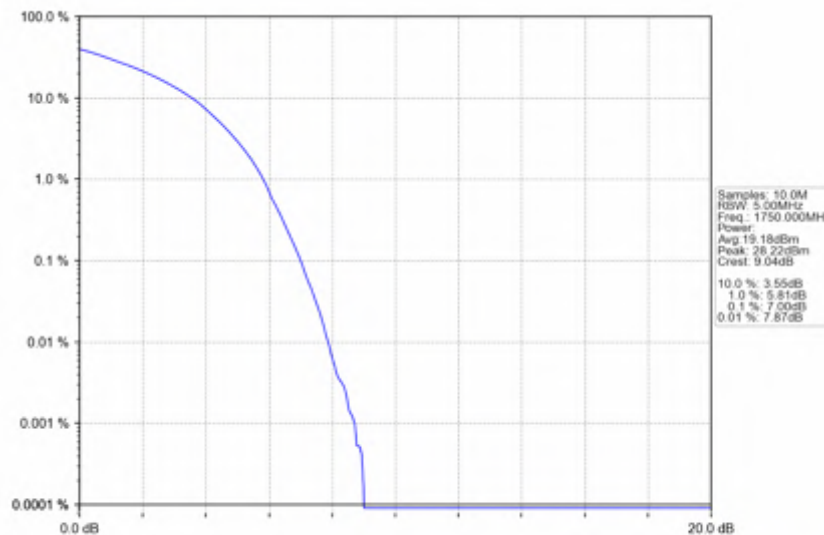
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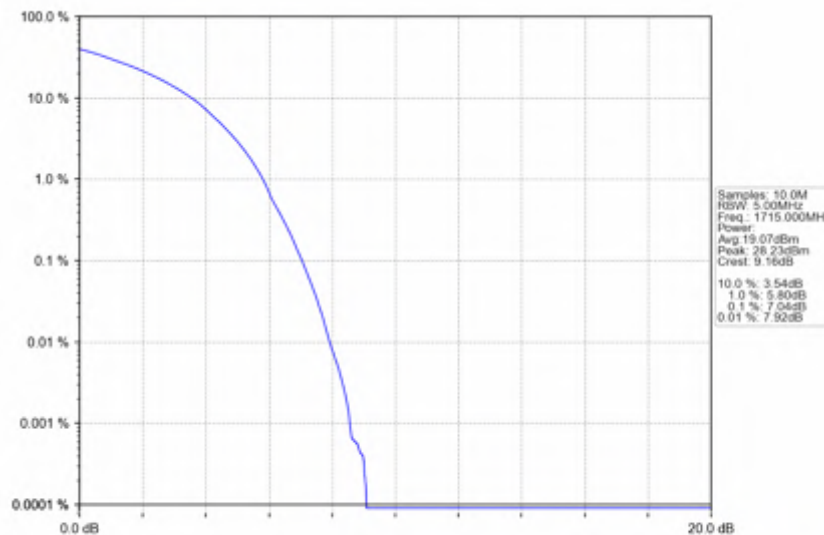
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Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

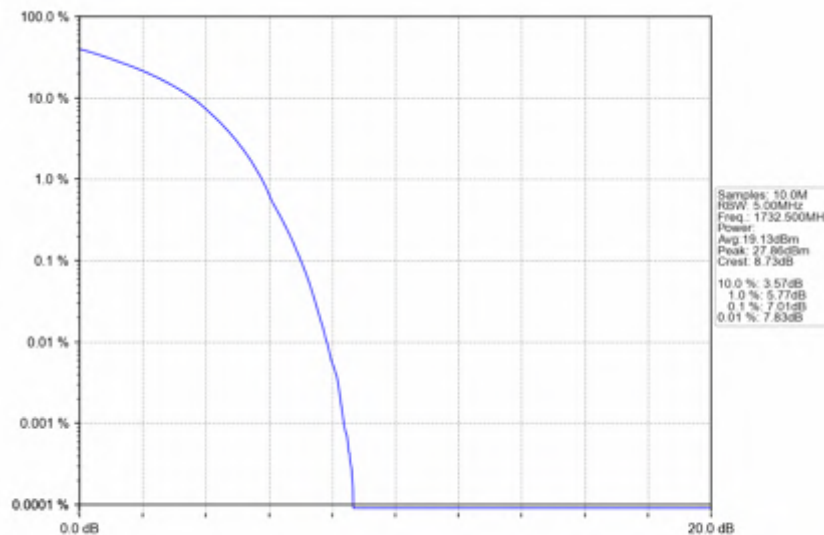


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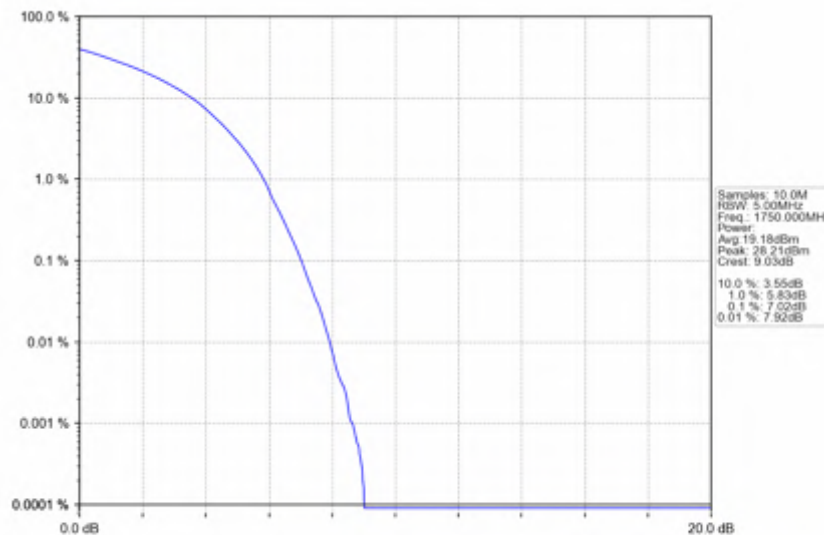
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Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



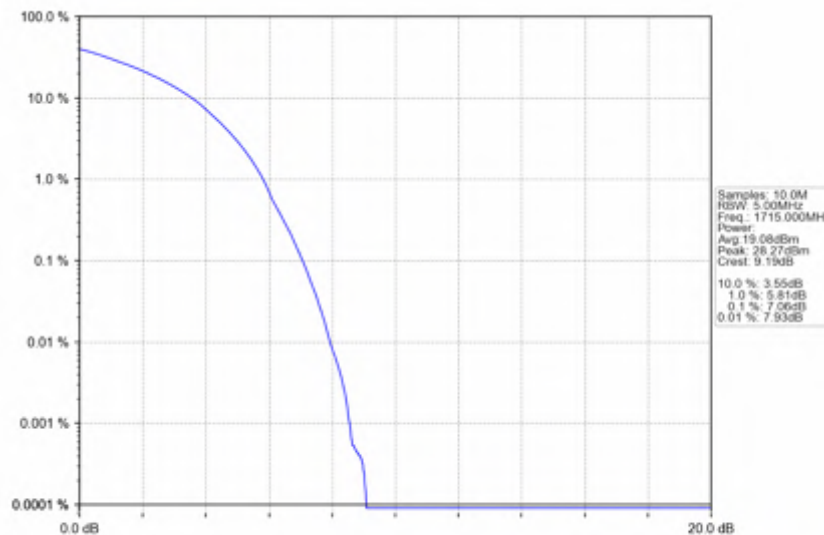
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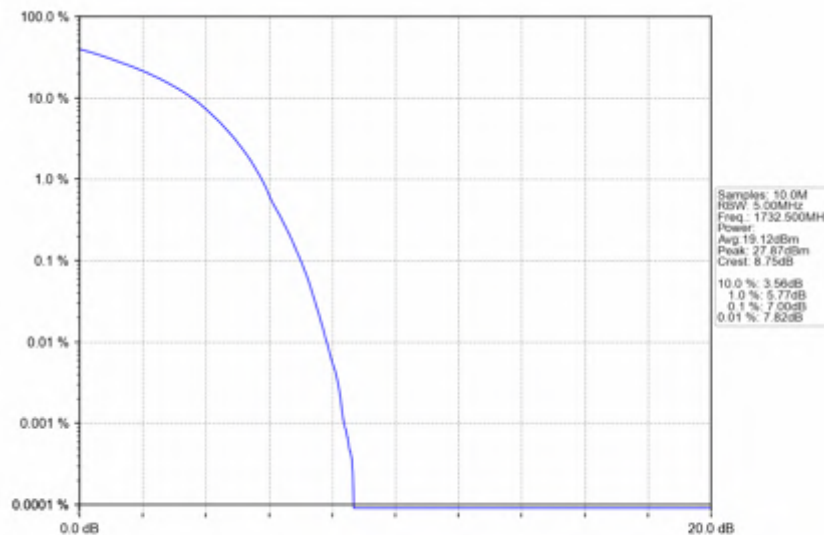
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Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



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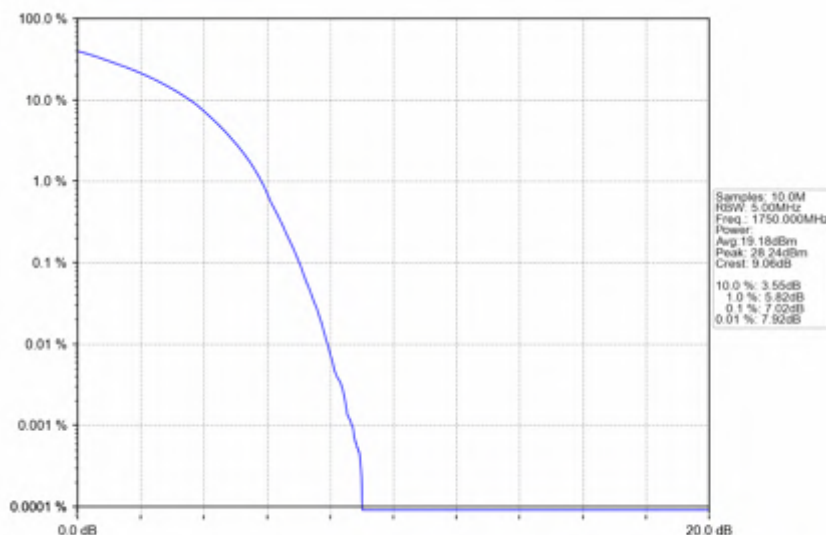
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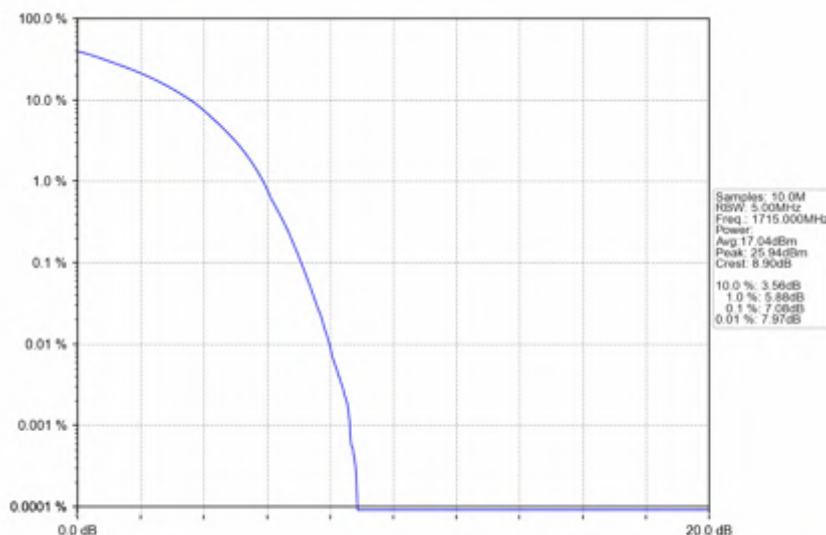
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Band4_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



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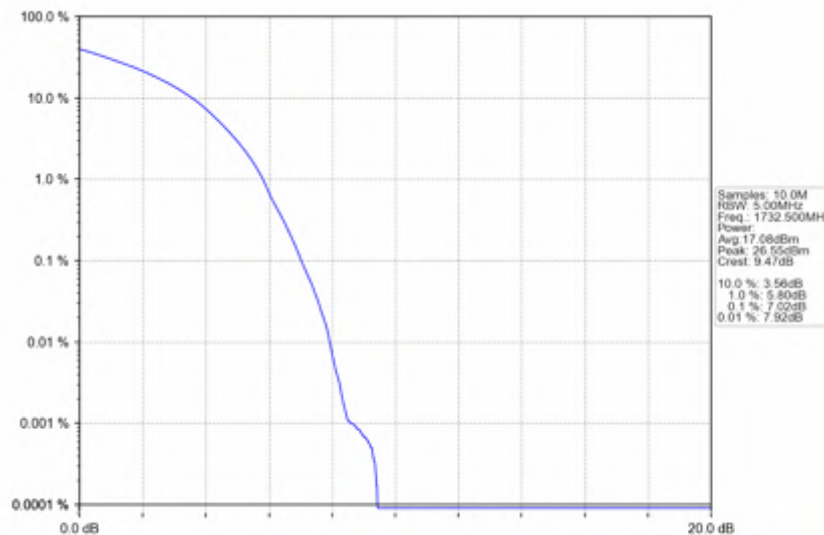
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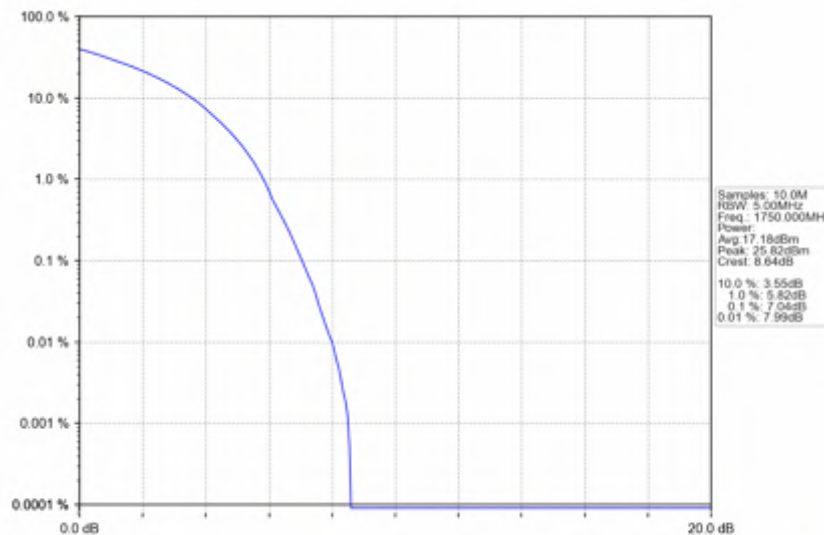
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2.5 B4_15MHz

2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	7.49	<=13	Pass
	1732.5	75	0	7.37	<=13	Pass
	1747.5	75	0	7.40	<=13	Pass
16QAM	1717.5	75	0	7.49	<=13	Pass
	1732.5	75	0	7.37	<=13	Pass
	1747.5	75	0	7.41	<=13	Pass
64QAM	1717.5	75	0	7.50	<=13	Pass
	1732.5	75	0	7.37	<=13	Pass
	1747.5	75	0	7.41	<=13	Pass
256QAM	1717.5	75	0	7.42	<=13	Pass
	1732.5	75	0	7.46	<=13	Pass
	1747.5	75	0	7.40	<=13	Pass



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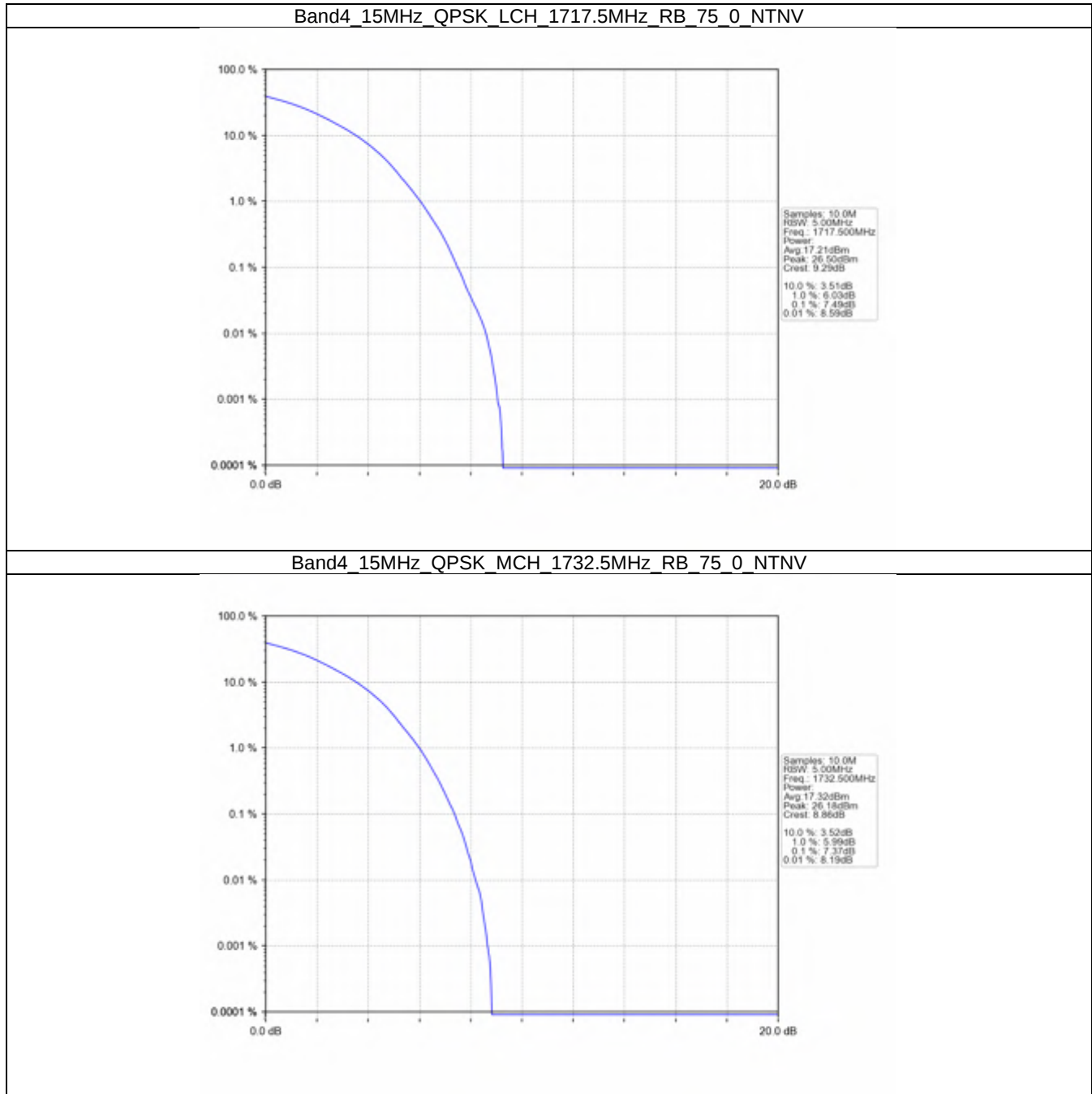
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2.5.2 Test Graph



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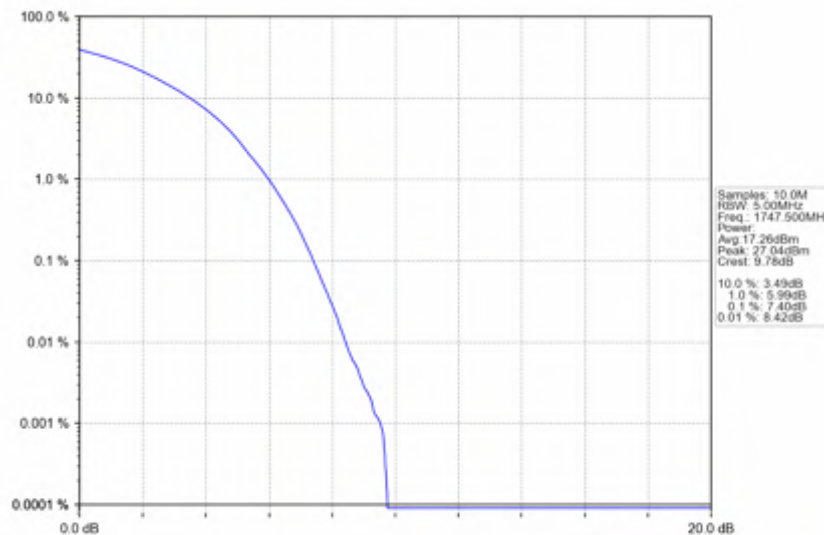
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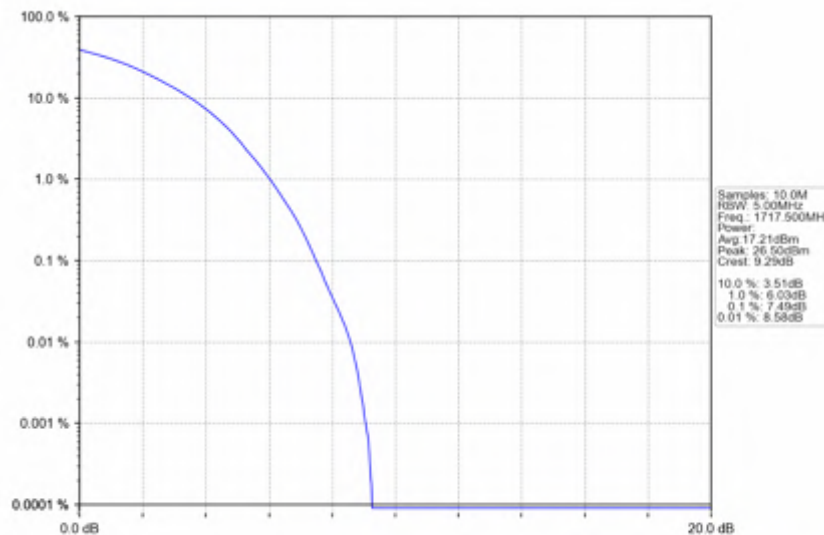
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Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

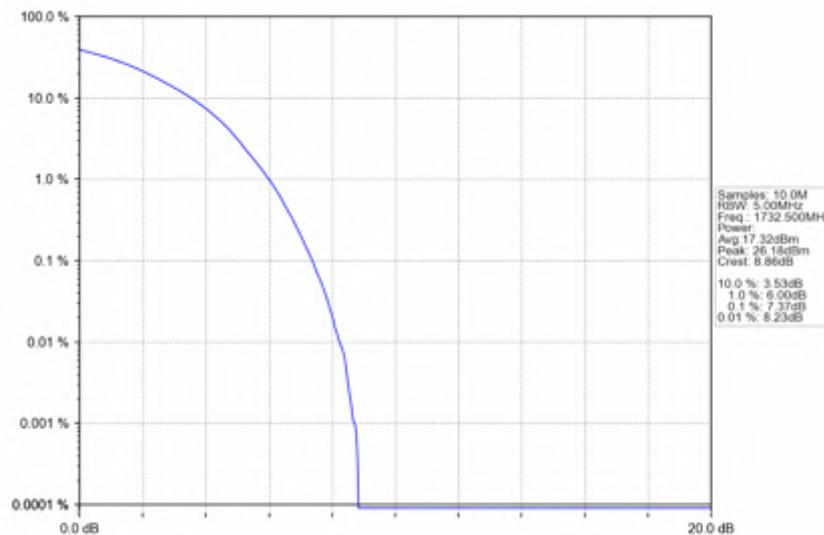


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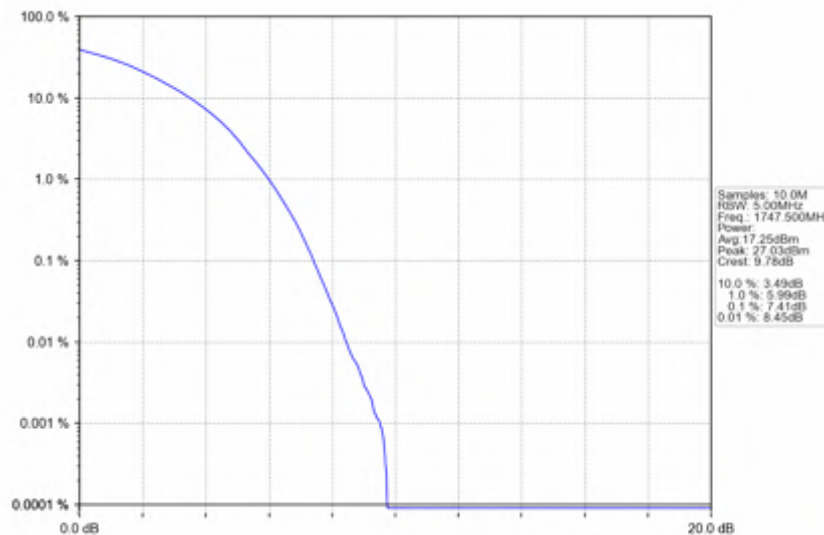
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Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

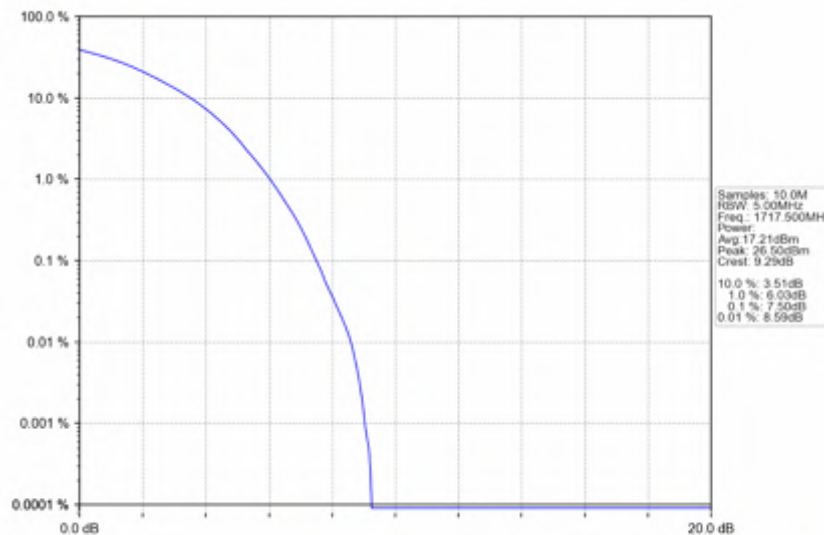


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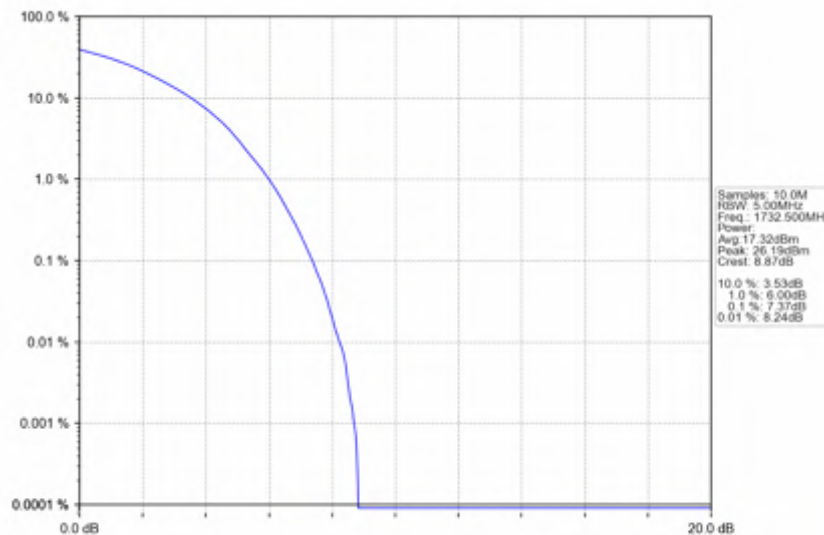
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Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



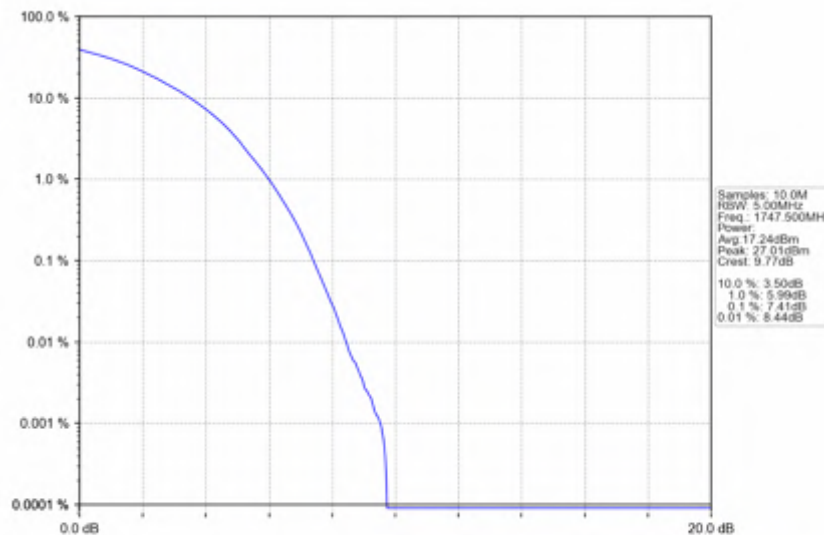
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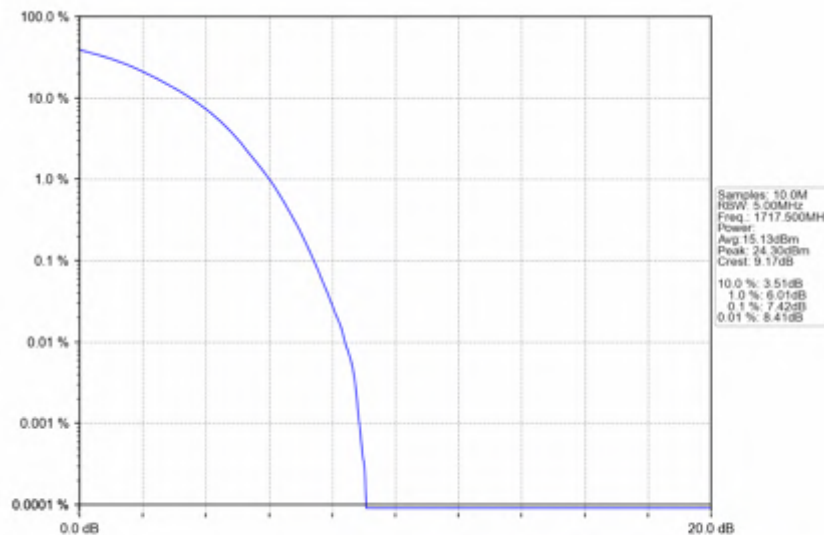
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Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



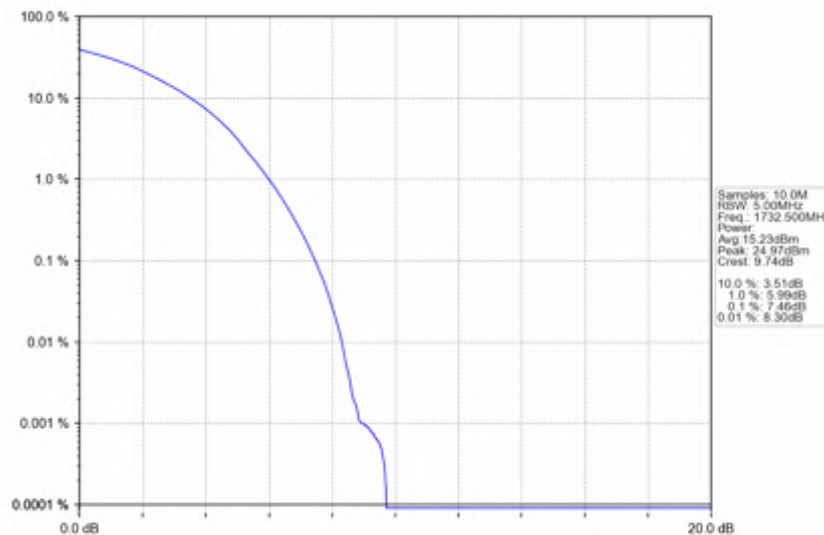
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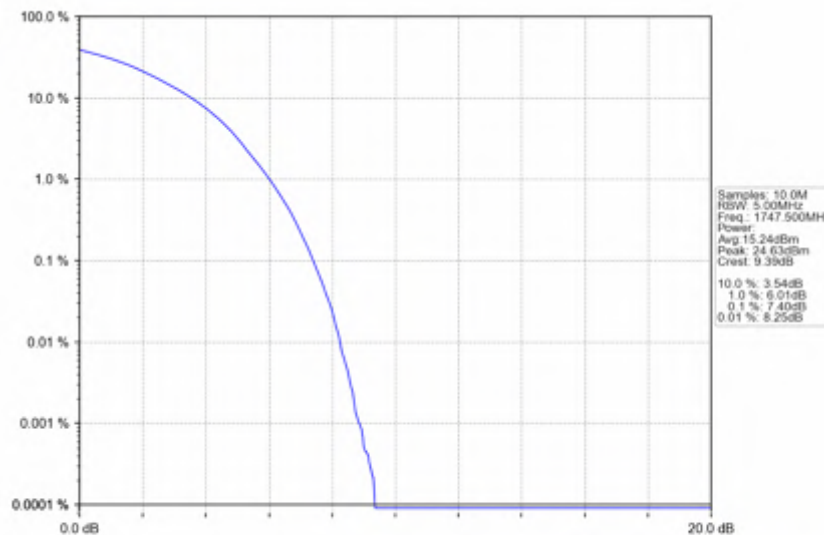
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Band4_15MHz_256QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_256QAM_HCH_1747.5MHz_RB_75_0_NTNV



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2.6 B4_20MHz

2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	7.66	<=13	Pass
	1732.5	100	0	7.58	<=13	Pass
	1745	100	0	7.62	<=13	Pass
16QAM	1720	100	0	7.66	<=13	Pass
	1732.5	100	0	7.58	<=13	Pass
	1745	100	0	7.62	<=13	Pass
64QAM	1720	100	0	7.66	<=13	Pass
	1732.5	100	0	7.58	<=13	Pass
	1745	100	0	7.62	<=13	Pass
256QAM	1720	100	0	7.63	<=13	Pass
	1732.5	100	0	7.58	<=13	Pass
	1745	100	0	7.66	<=13	Pass



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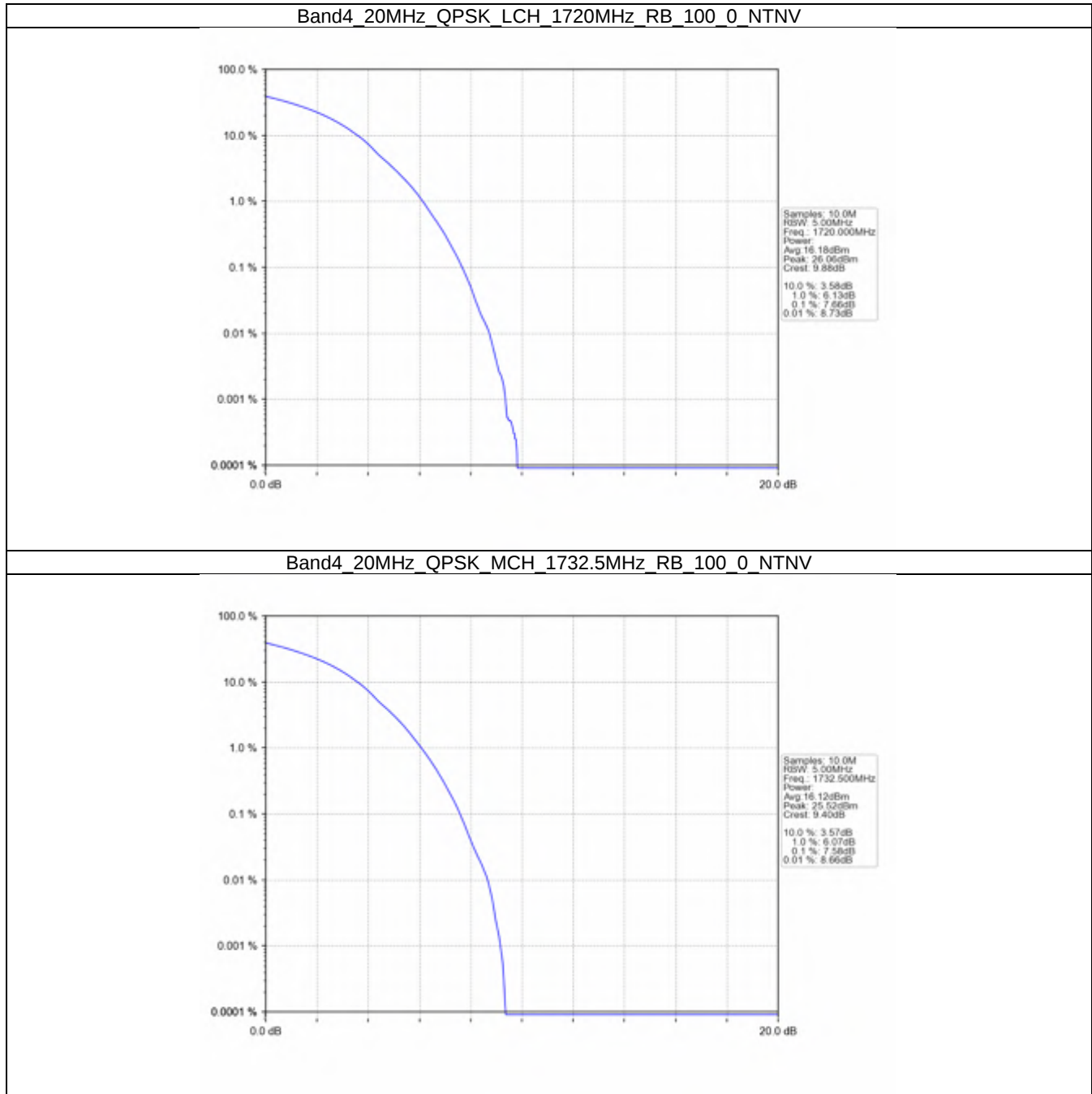
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2.6.2 Test Graph



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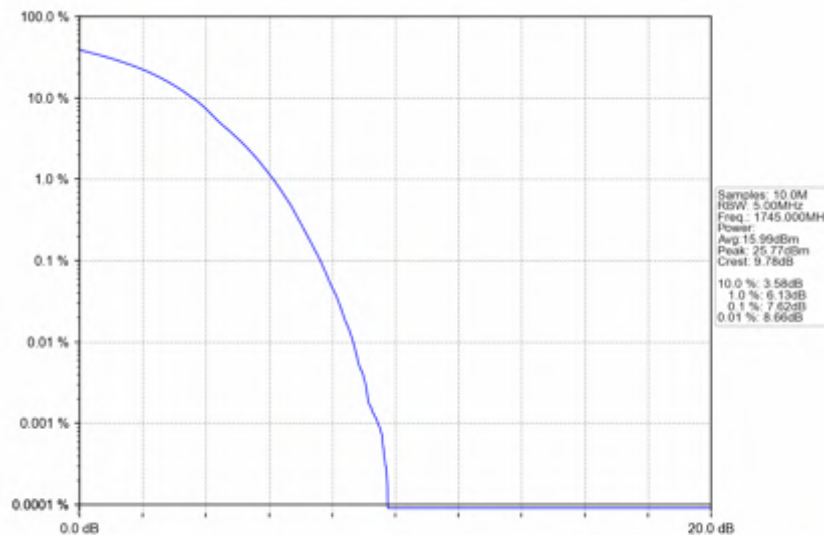
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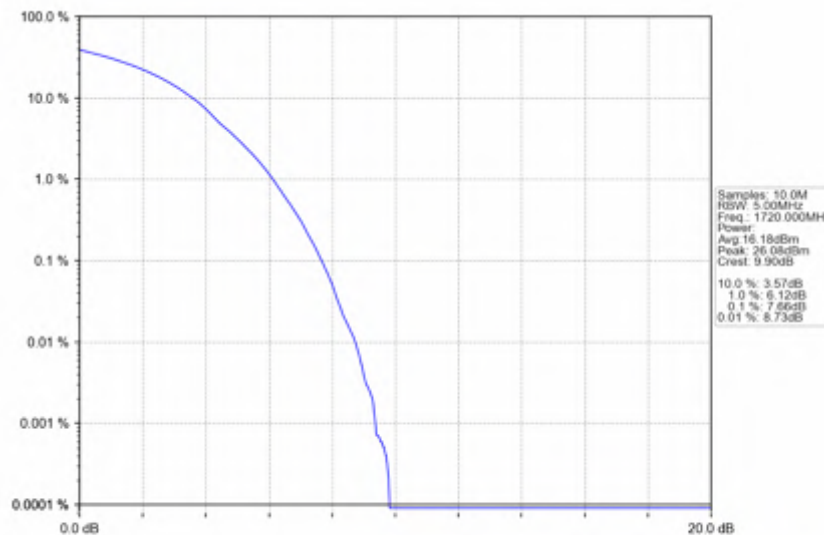
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Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

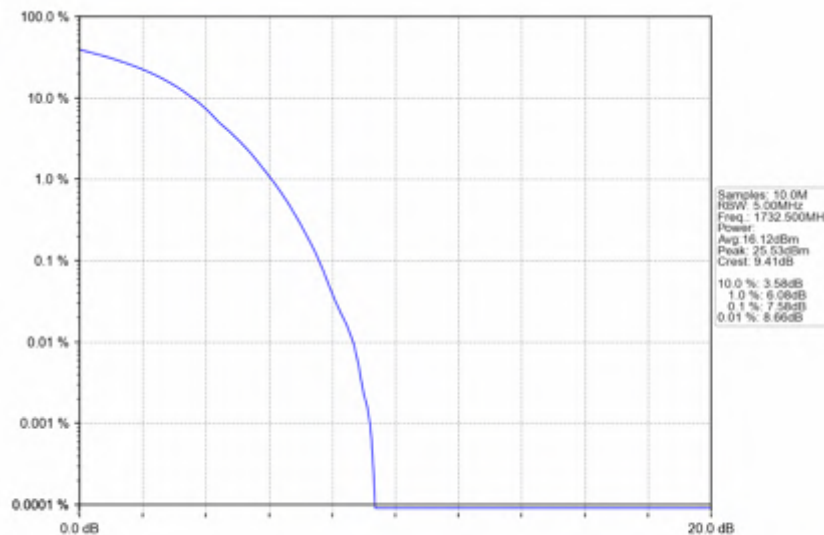


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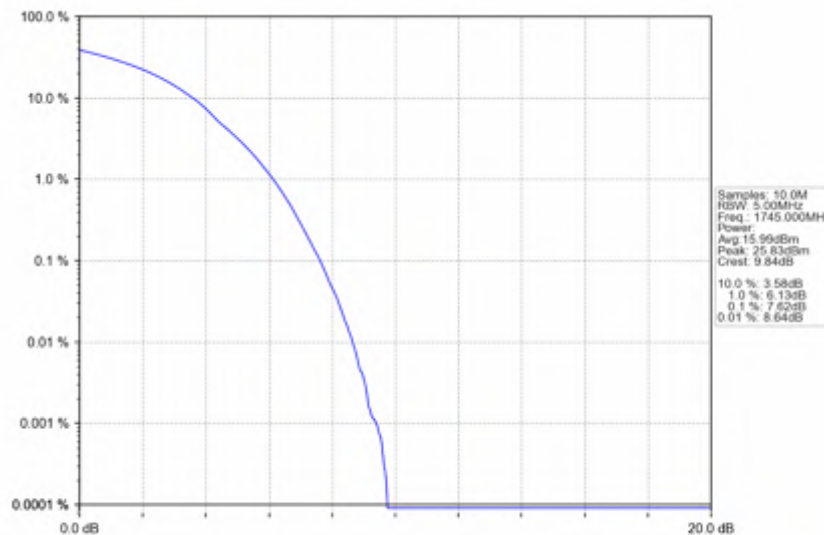
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Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

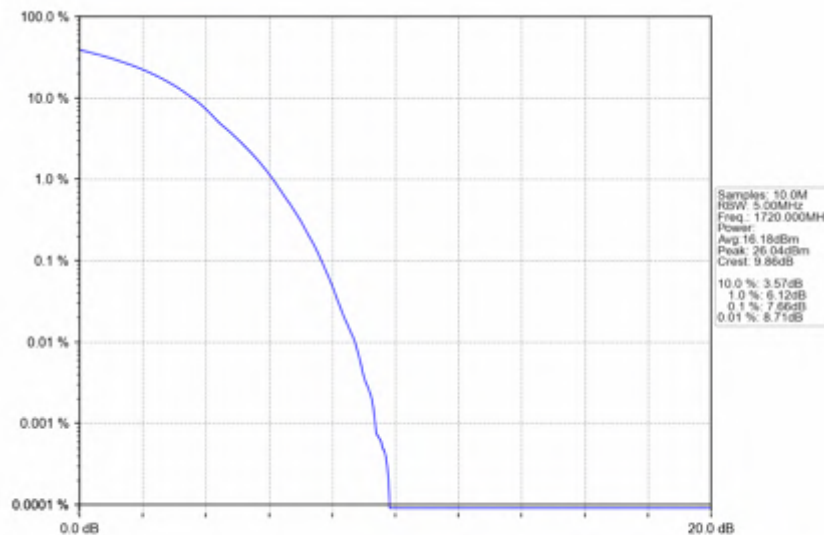


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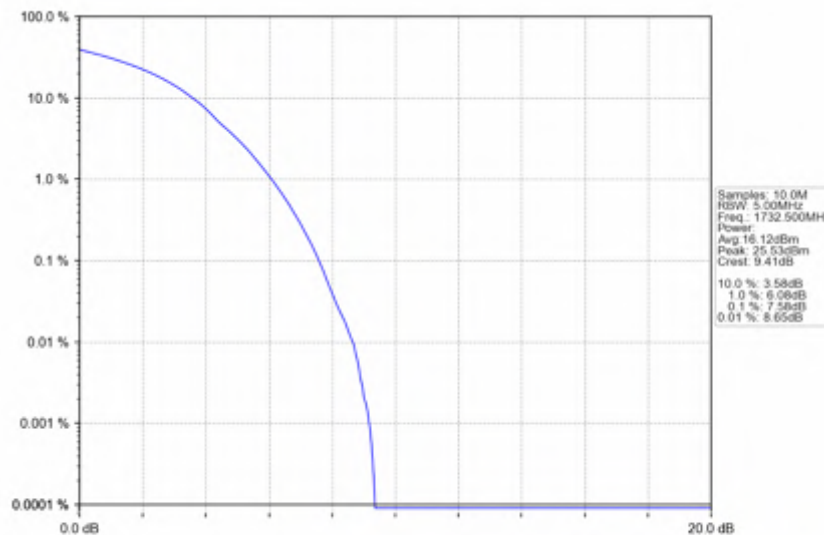
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Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV

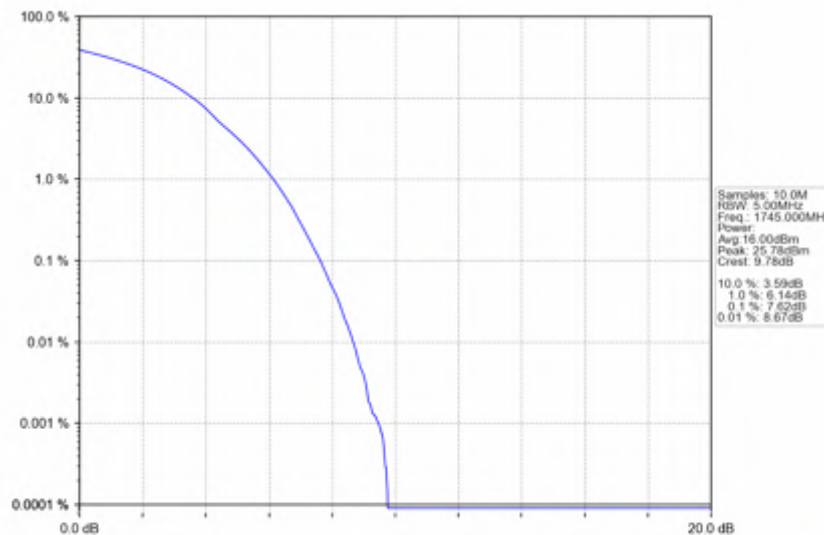


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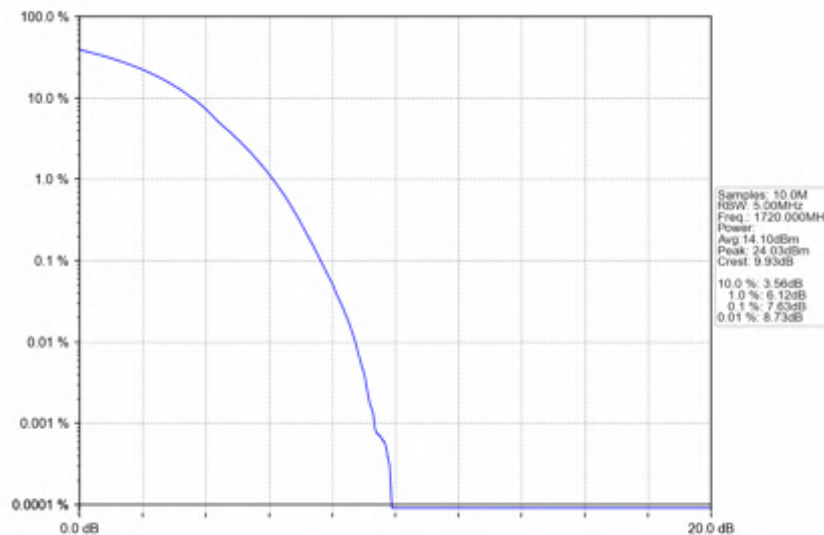
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Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV

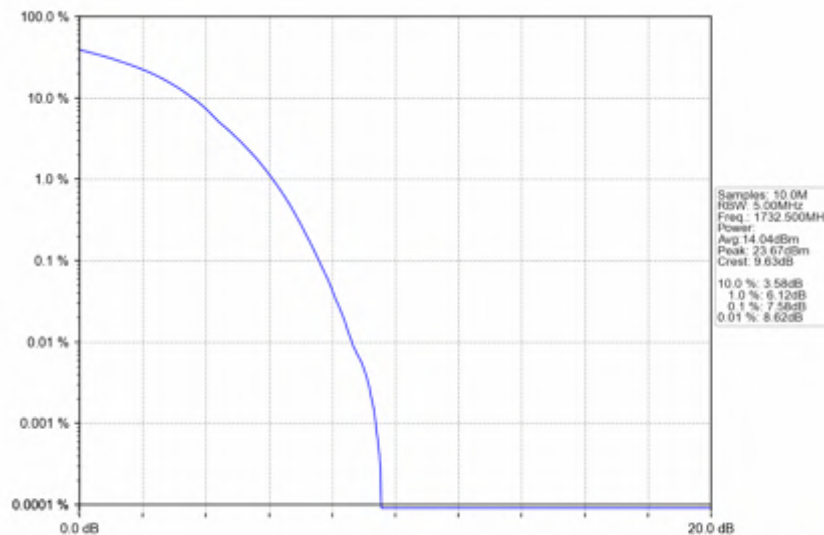


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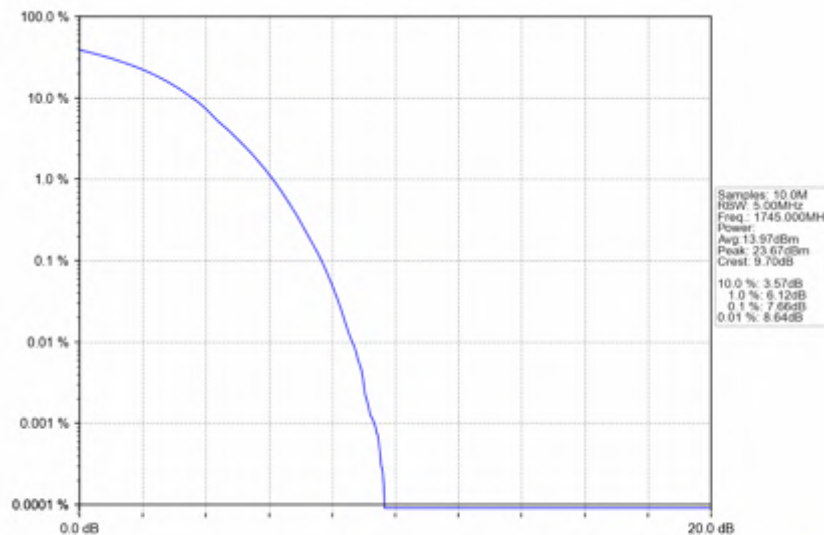
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Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



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3. Peak-Average Ratio

3.1 B5_1.4MHz

3.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	6.43	<=13	Pass
	836.5	6	0	6.48	<=13	Pass
	848.3	6	0	6.31	<=13	Pass
16QAM	824.7	6	0	6.42	<=13	Pass
	836.5	6	0	6.47	<=13	Pass
	848.3	6	0	6.32	<=13	Pass
64QAM	824.7	6	0	6.41	<=13	Pass
	836.5	6	0	6.47	<=13	Pass
	848.3	6	0	6.32	<=13	Pass
256QAM	824.7	6	0	6.73	<=13	Pass
	836.5	6	0	6.89	<=13	Pass
	848.3	6	0	6.76	<=13	Pass



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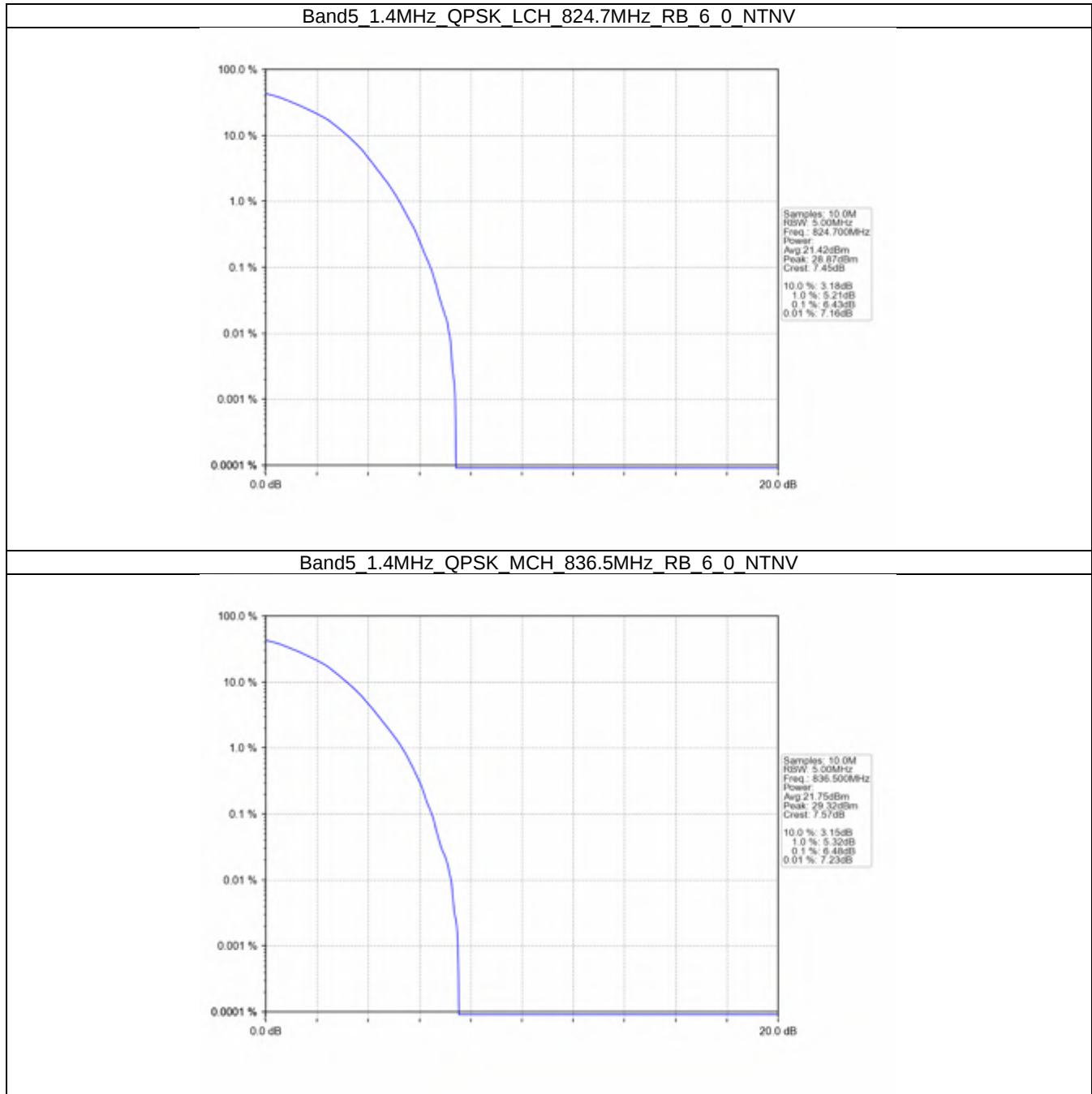
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3.1.2 Test Graph



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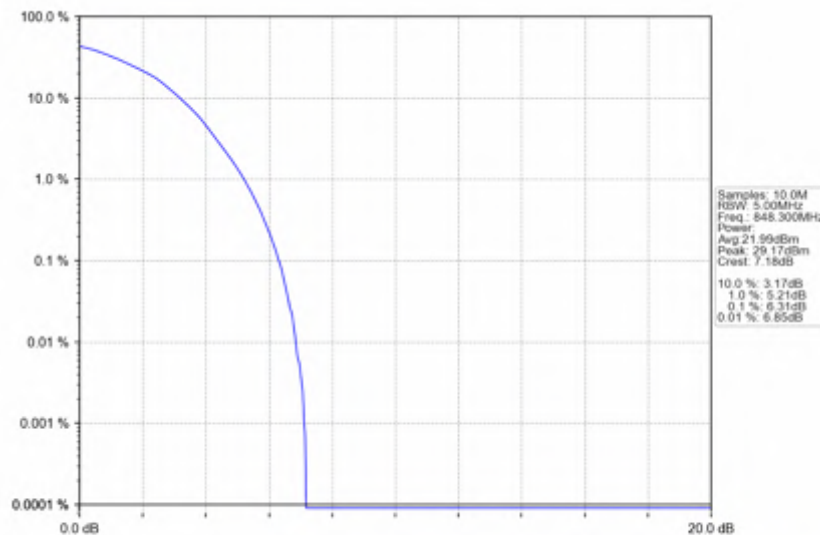
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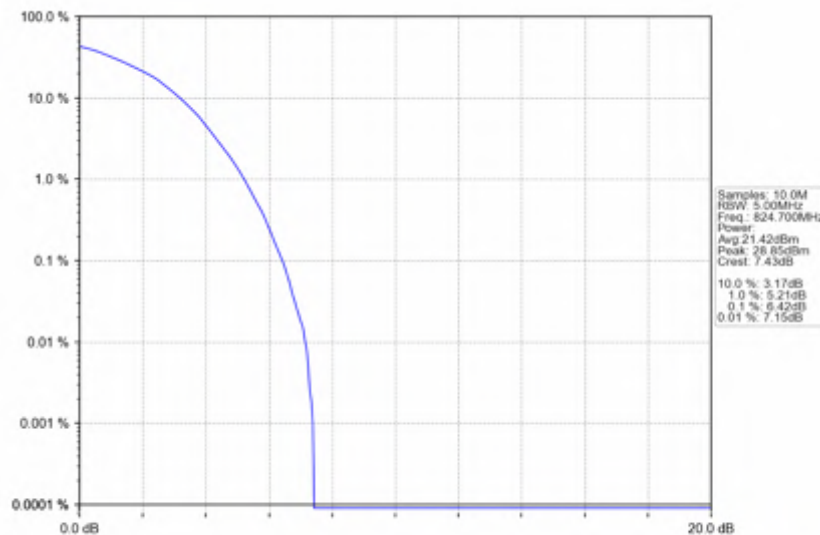
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Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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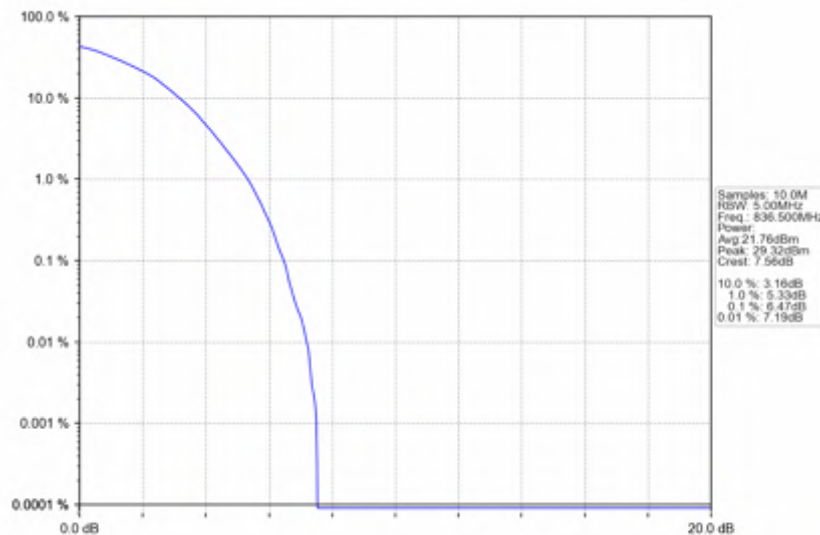
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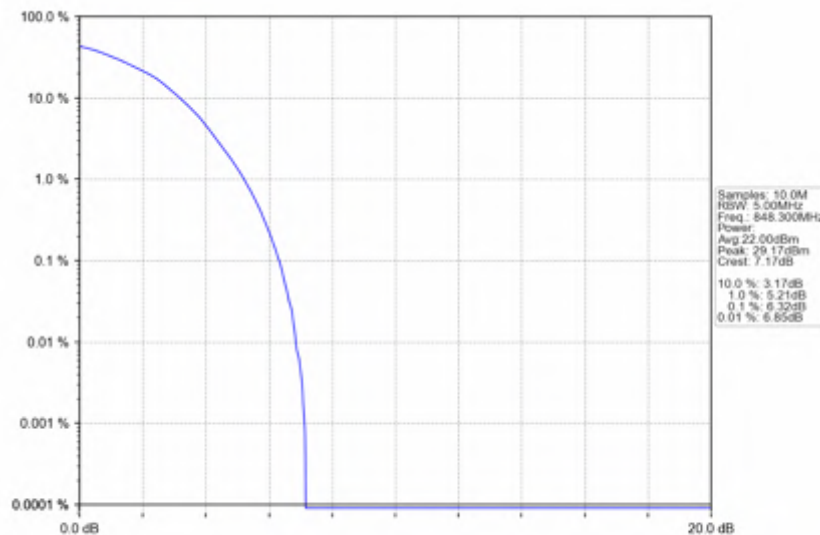
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Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

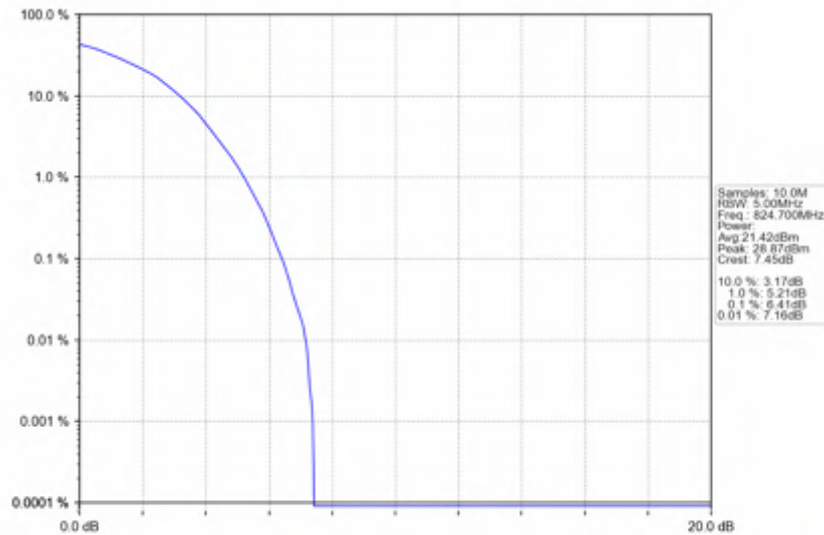


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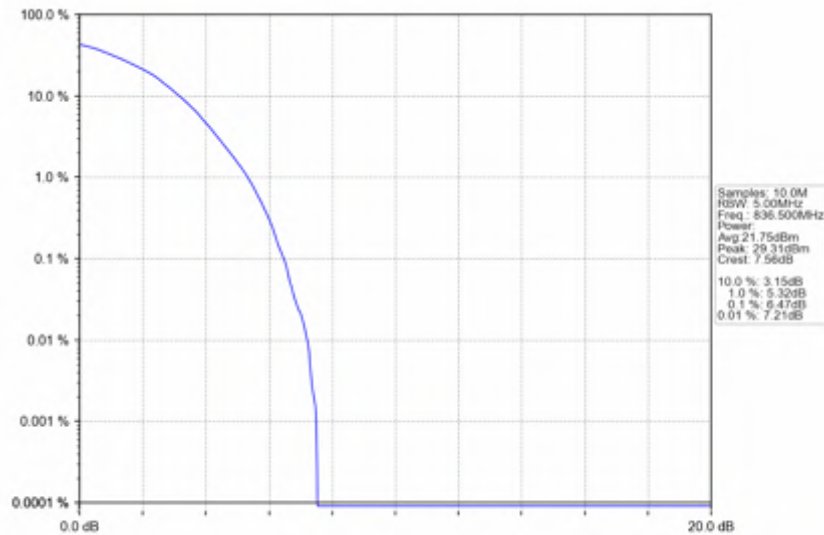
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Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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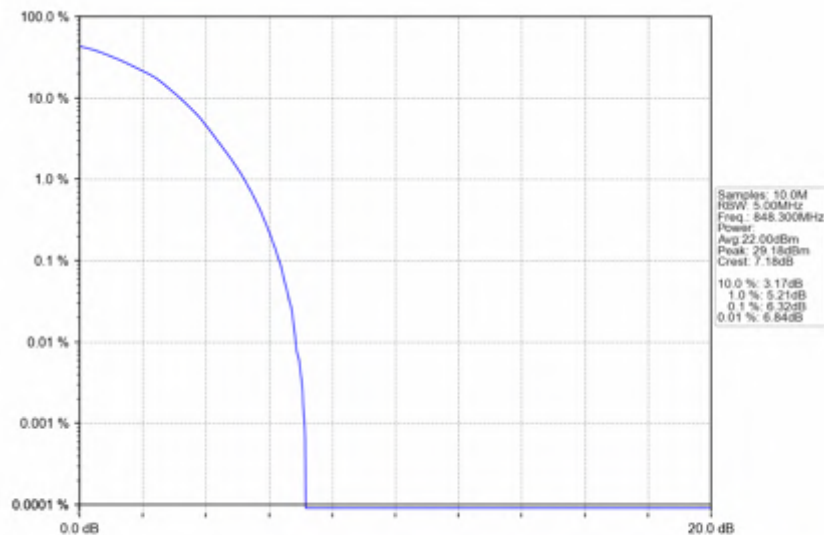
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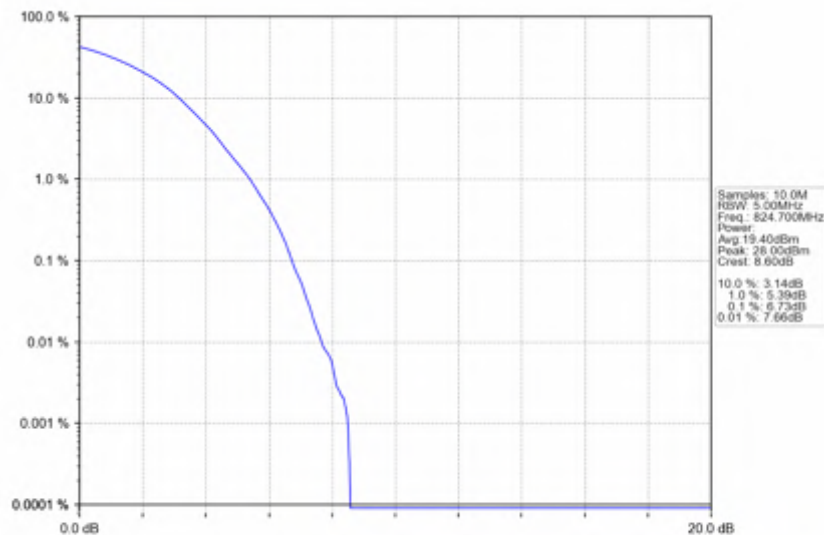
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Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



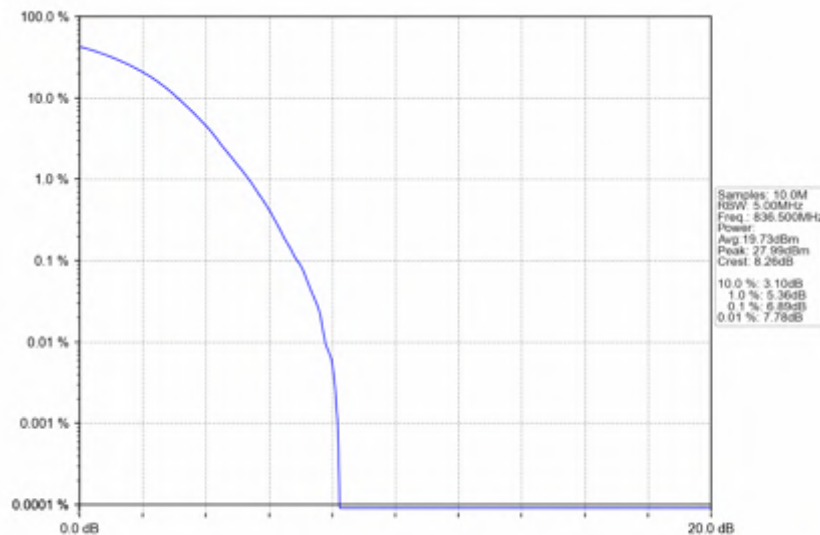
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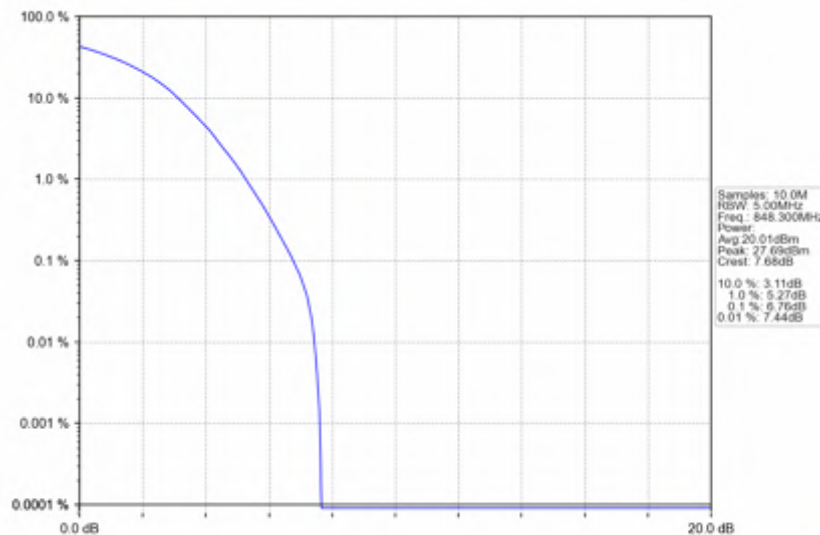
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Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV



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3.2 B5_3MHz

3.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	6.54	<=13	Pass
	836.5	15	0	6.53	<=13	Pass
	847.5	15	0	6.32	<=13	Pass
16QAM	825.5	15	0	6.53	<=13	Pass
	836.5	15	0	6.53	<=13	Pass
	847.5	15	0	6.32	<=13	Pass
64QAM	825.5	15	0	6.54	<=13	Pass
	836.5	15	0	6.53	<=13	Pass
	847.5	15	0	6.30	<=13	Pass
256QAM	825.5	15	0	6.89	<=13	Pass
	836.5	15	0	6.78	<=13	Pass
	847.5	15	0	6.79	<=13	Pass



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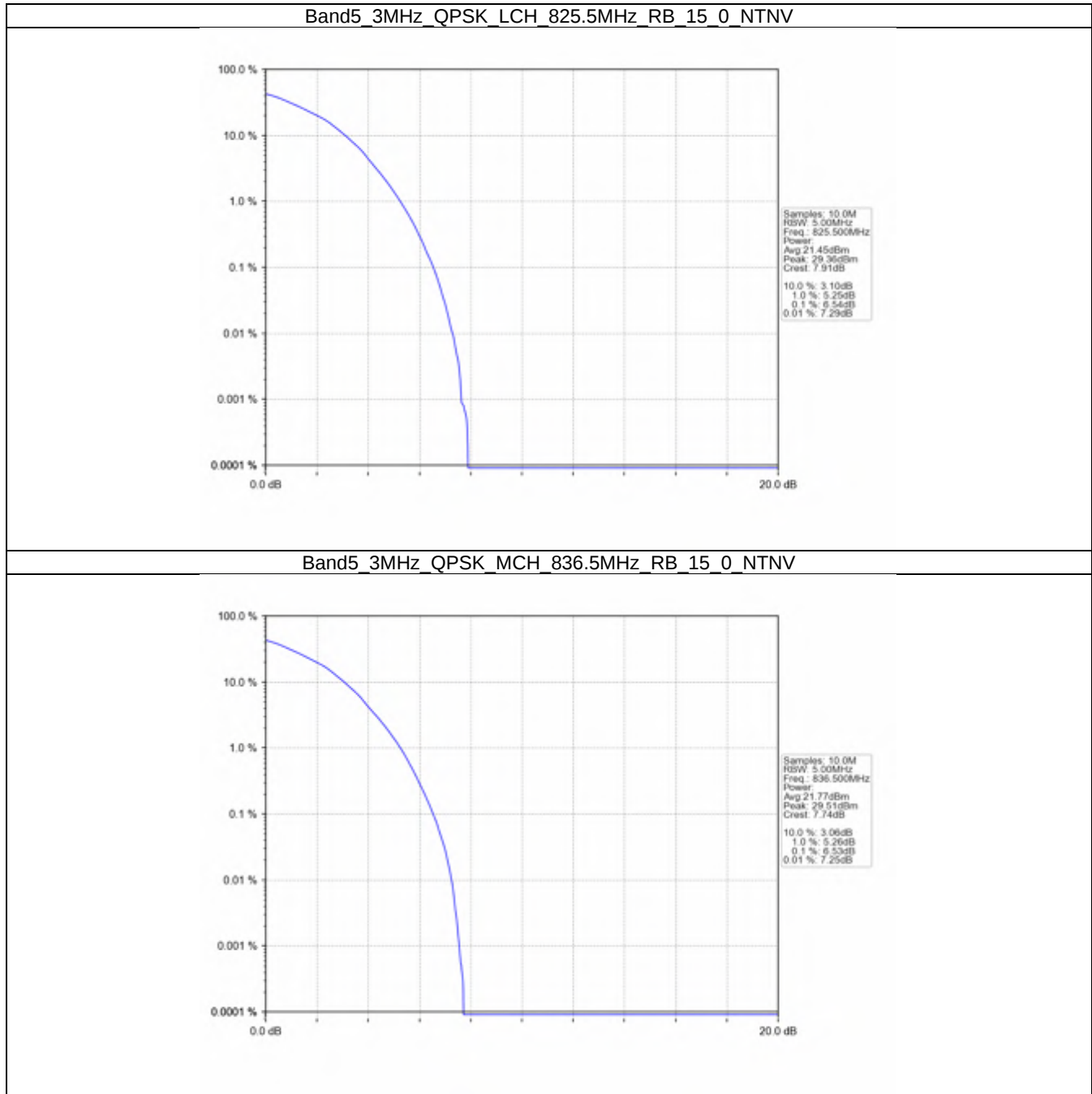
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3.2.2 Test Graph



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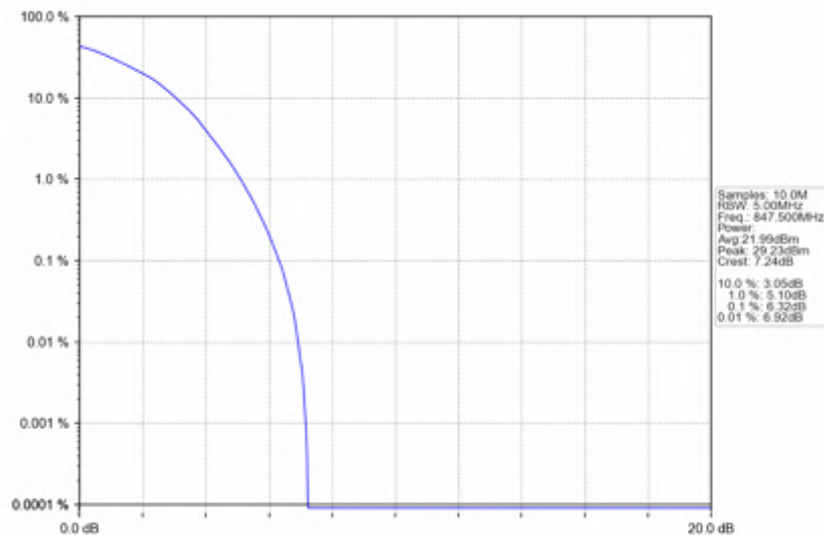
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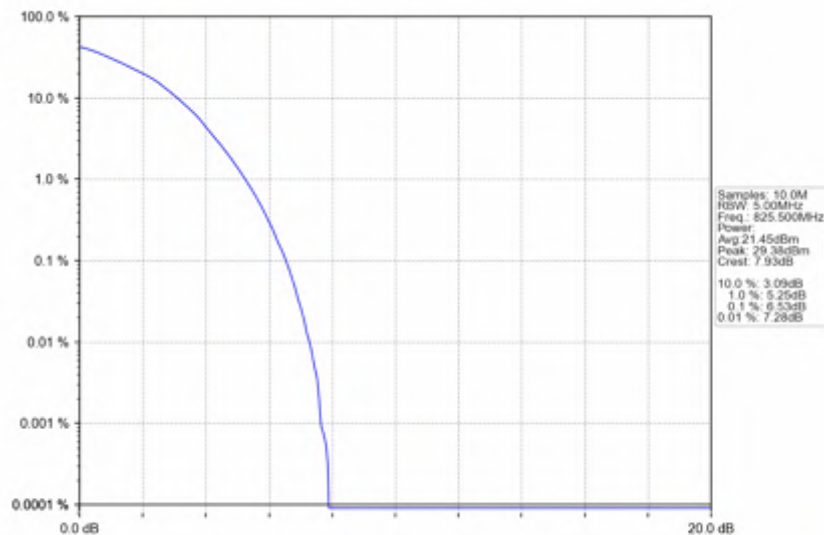
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Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



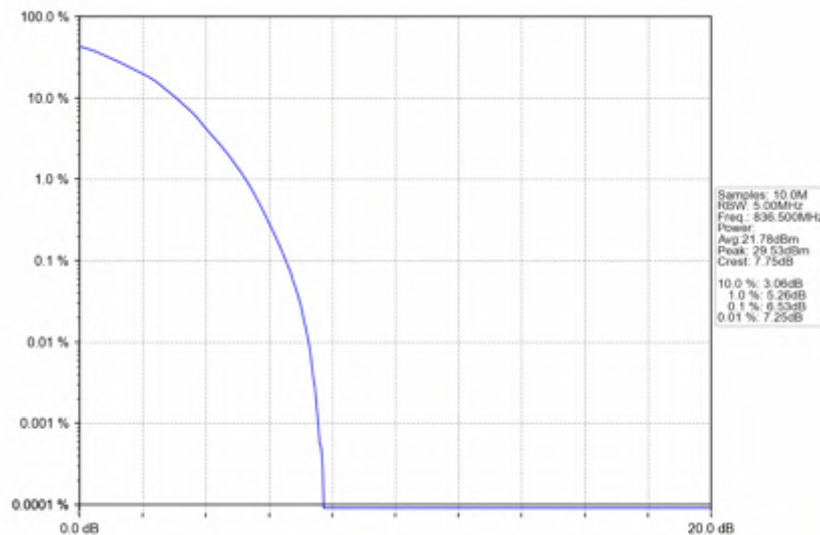
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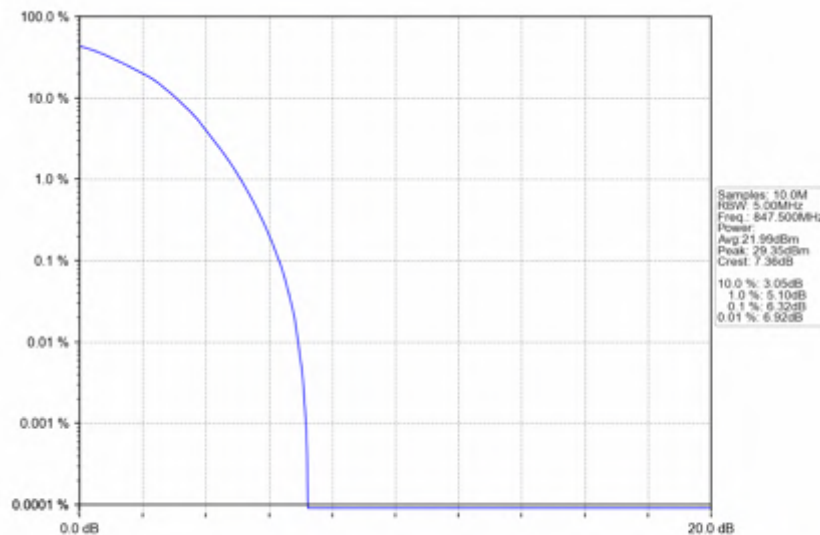
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Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



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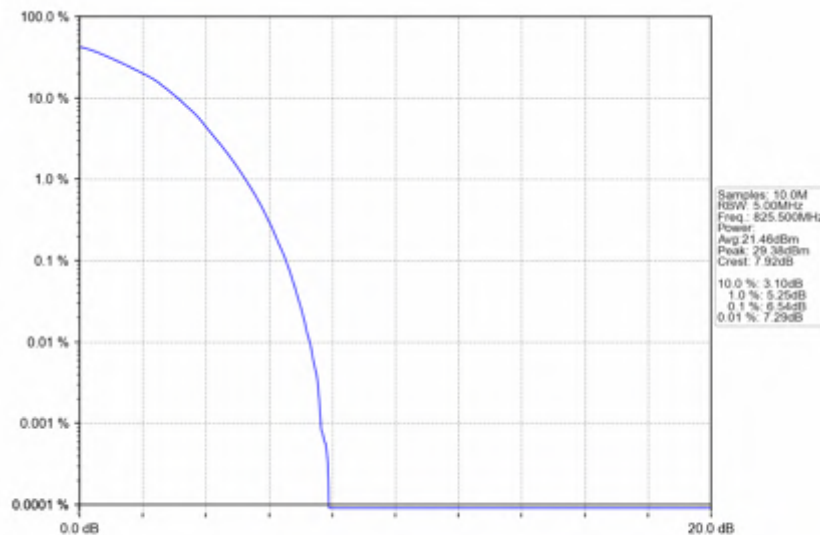
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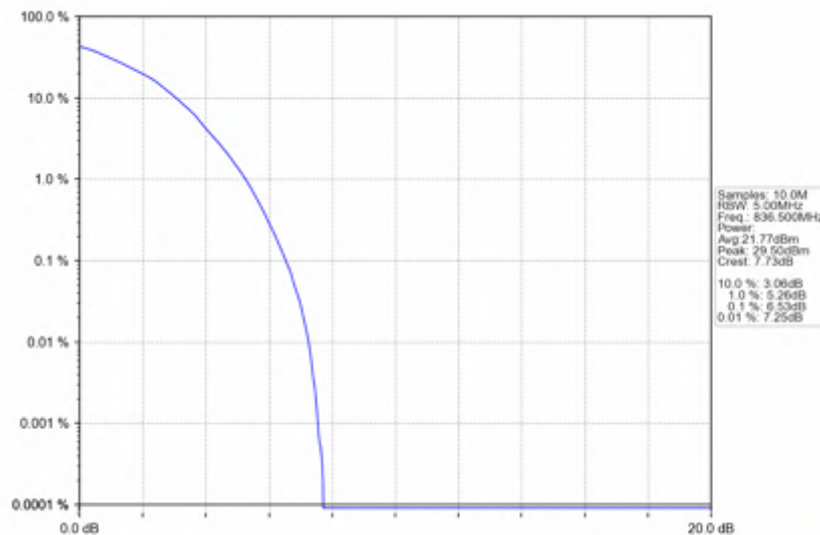
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Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



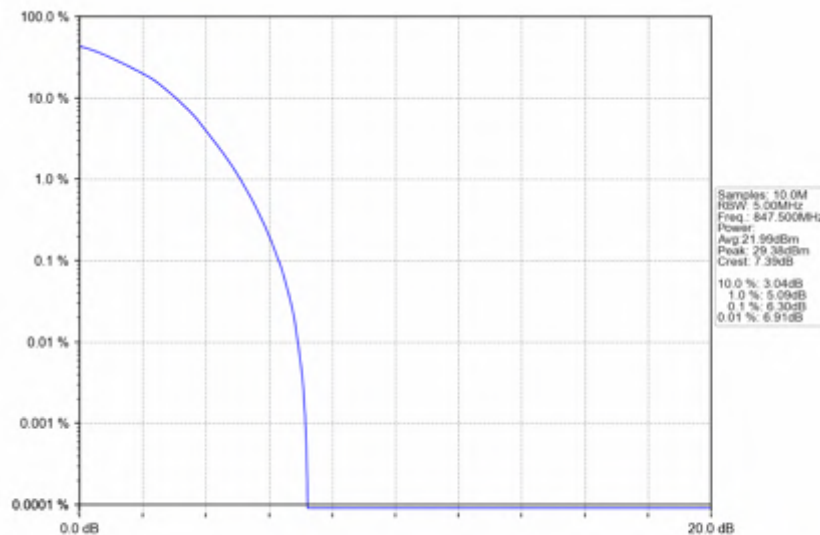
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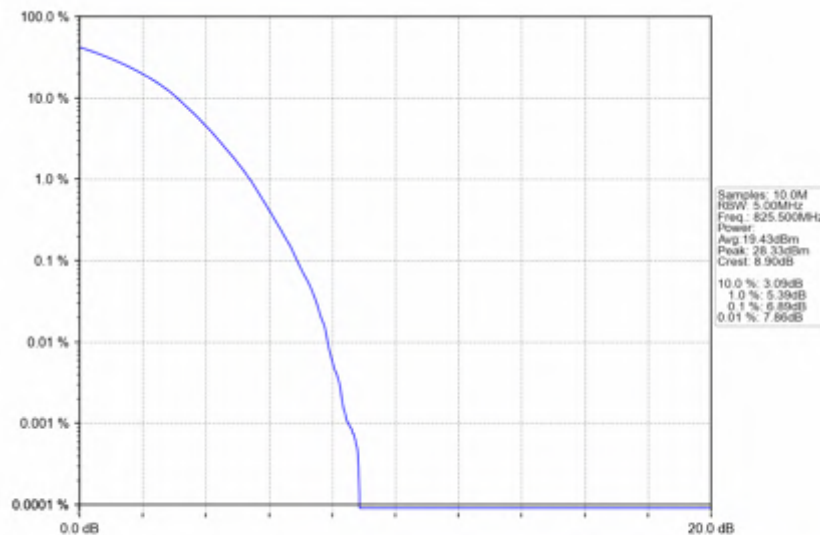
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Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV

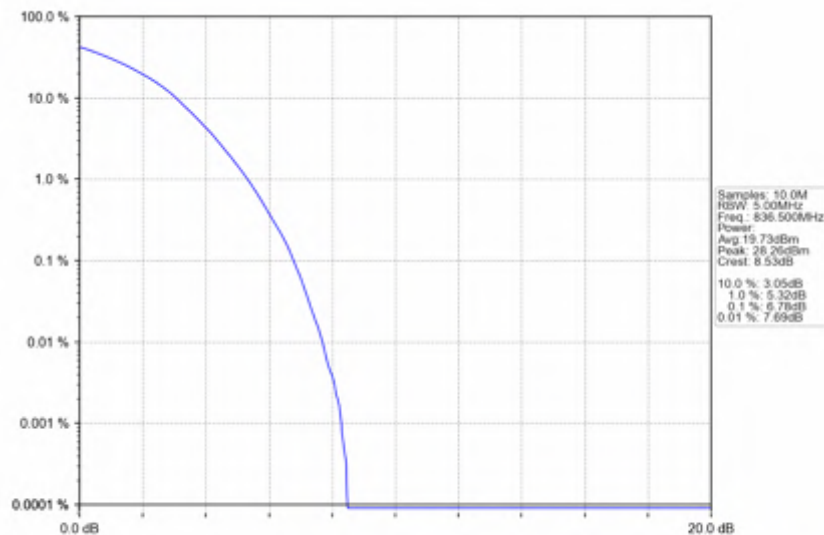


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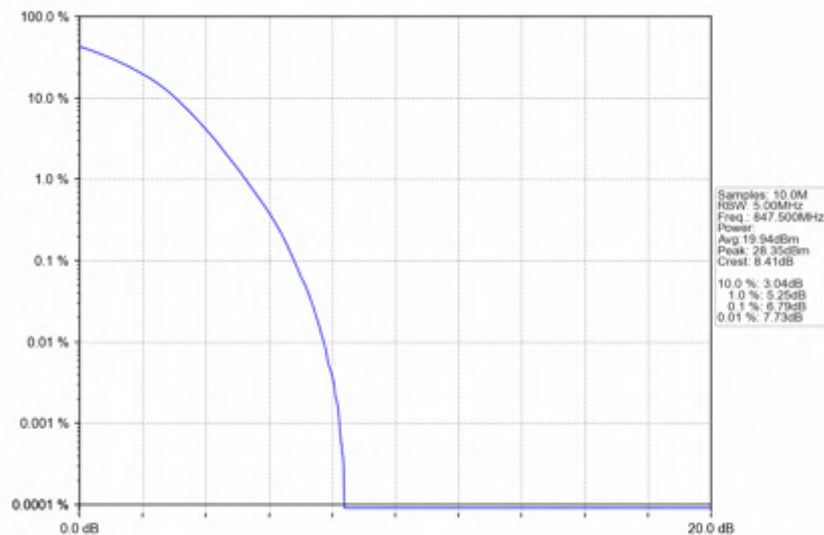
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Band5_3MHz_256QAM_HCH_847.5MHz_RB_15_0_NTNV



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3.3 B5_5MHz

3.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	6.49	<=13	Pass
	836.5	25	0	6.52	<=13	Pass
	846.5	25	0	6.31	<=13	Pass
16QAM	826.5	25	0	6.50	<=13	Pass
	836.5	25	0	6.52	<=13	Pass
	846.5	25	0	6.30	<=13	Pass
64QAM	826.5	25	0	6.50	<=13	Pass
	836.5	25	0	6.53	<=13	Pass
	846.5	25	0	6.32	<=13	Pass
256QAM	826.5	25	0	6.75	<=13	Pass
	836.5	25	0	6.84	<=13	Pass
	846.5	25	0	6.73	<=13	Pass



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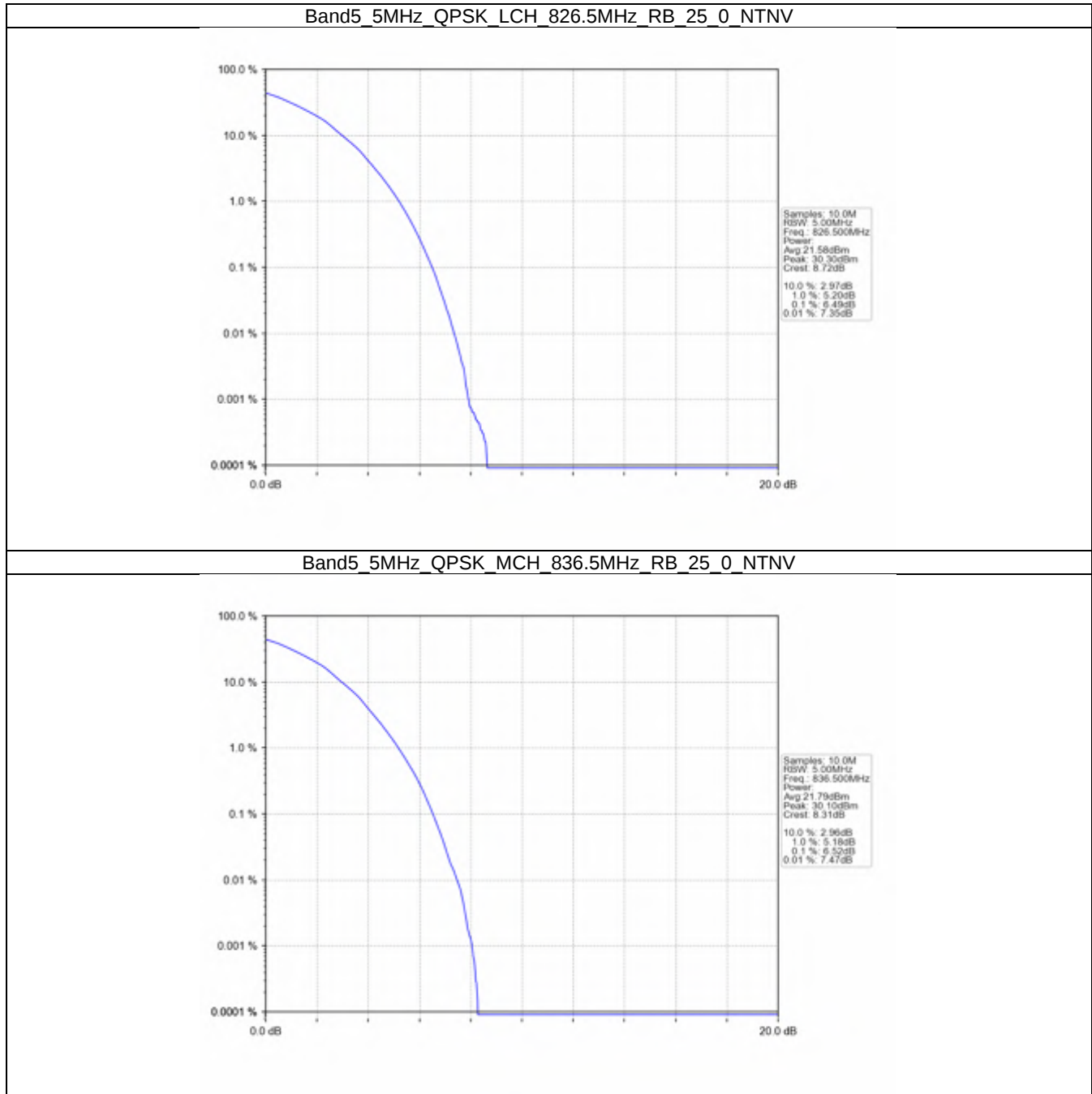
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3.3.2 Test Graph



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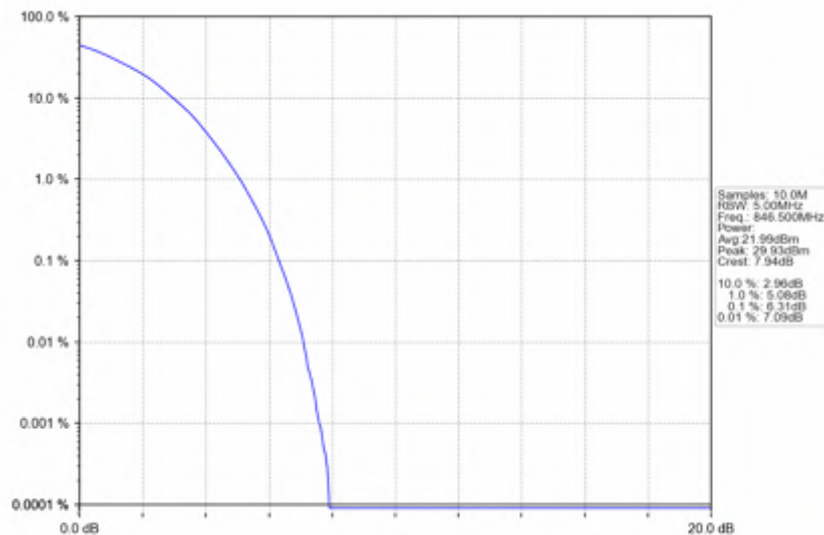
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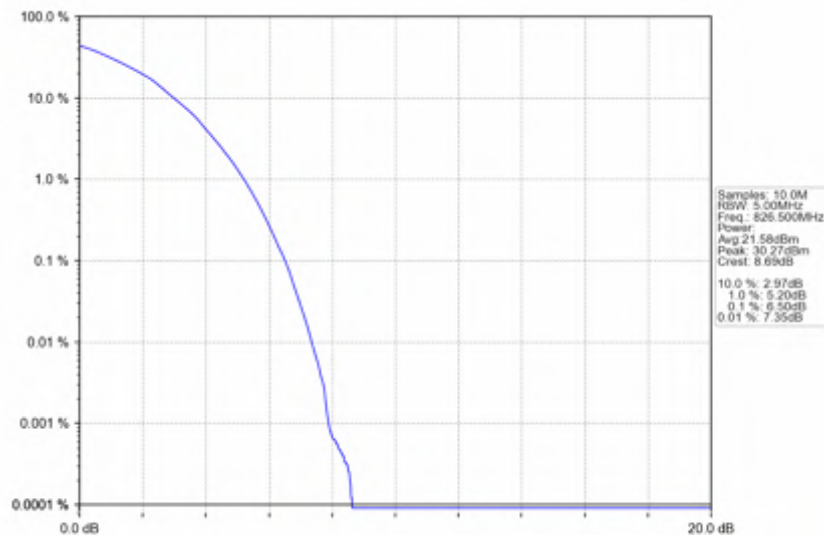
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Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

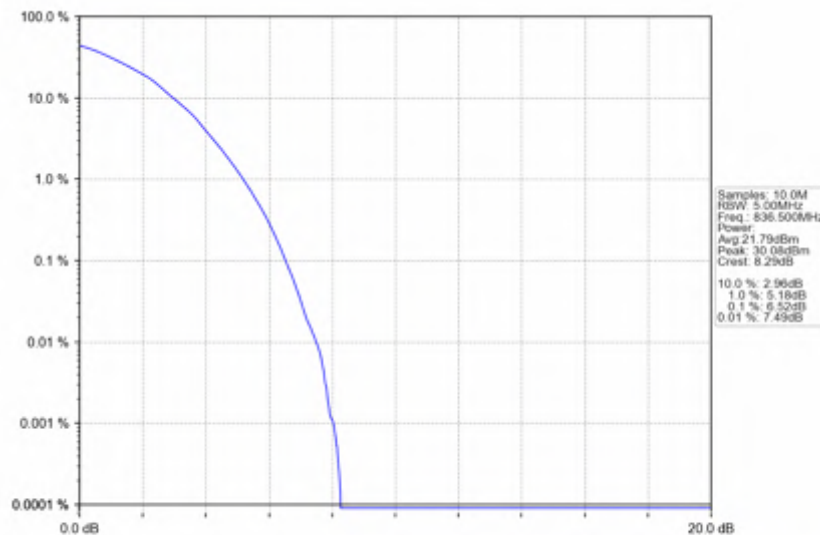


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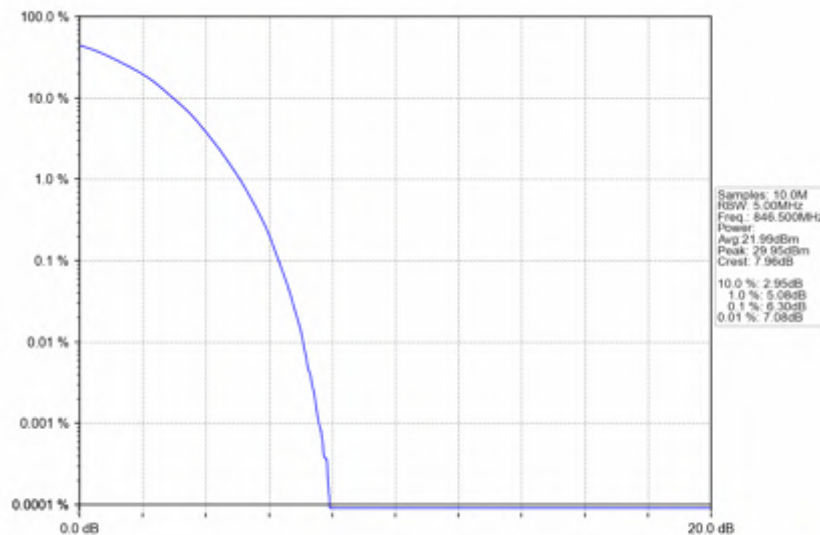
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Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

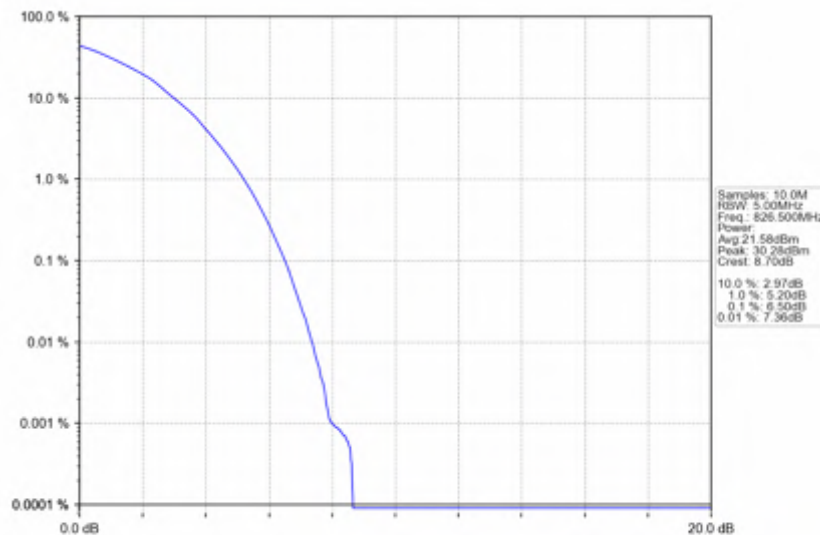


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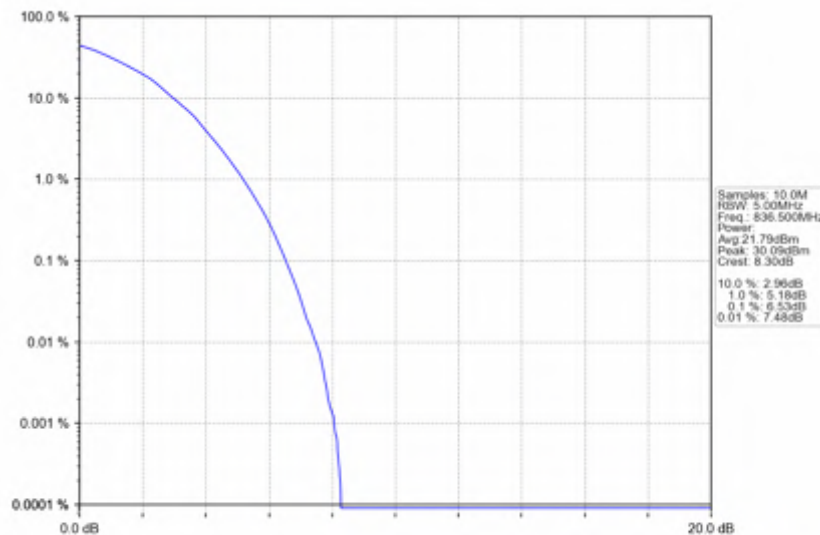
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Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV

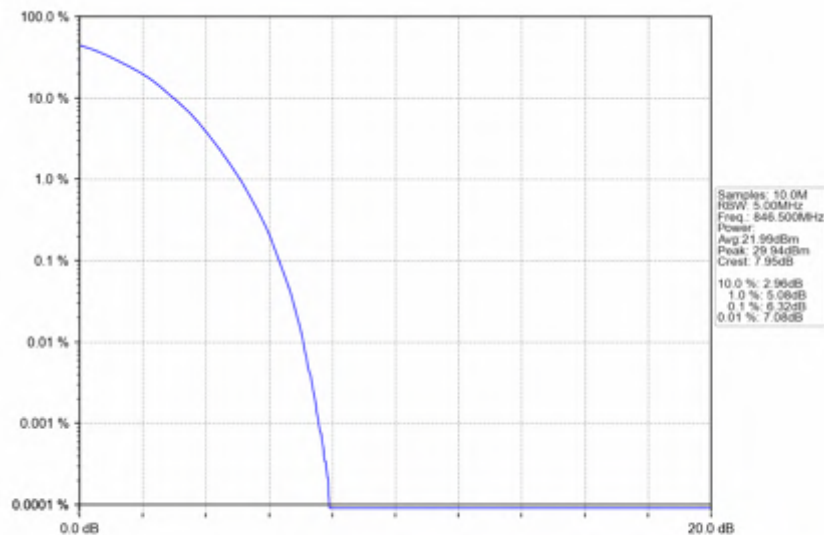


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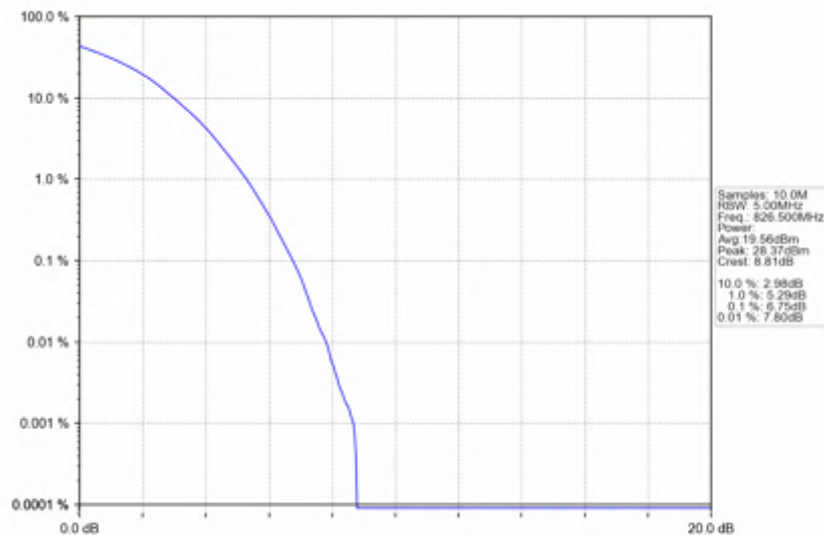
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Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV

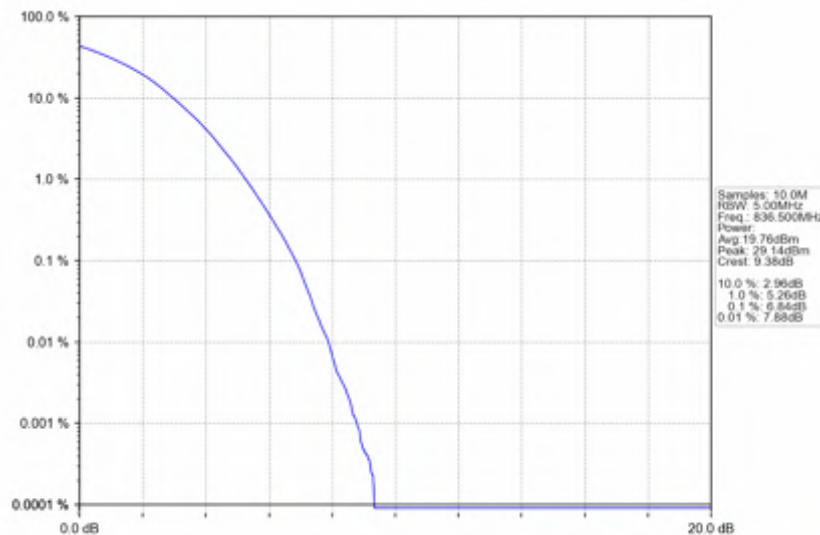


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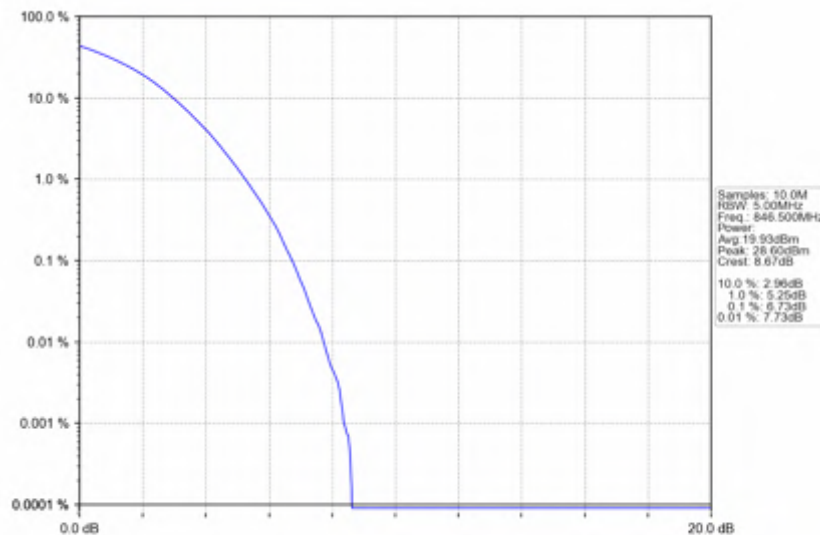
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Band5_5MHz_256QAM_HCH_846.5MHz_RB_25_0_NTNV



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3.4 B5_10MHz

3.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	7.02	<=13	Pass
	836.5	50	0	7.00	<=13	Pass
	844	50	0	6.97	<=13	Pass
16QAM	829	50	0	7.04	<=13	Pass
	836.5	50	0	7.01	<=13	Pass
	844	50	0	6.96	<=13	Pass
64QAM	829	50	0	7.03	<=13	Pass
	836.5	50	0	7.00	<=13	Pass
	844	50	0	6.96	<=13	Pass
256QAM	829	50	0	7.07	<=13	Pass
	836.5	50	0	7.02	<=13	Pass
	844	50	0	7.01	<=13	Pass



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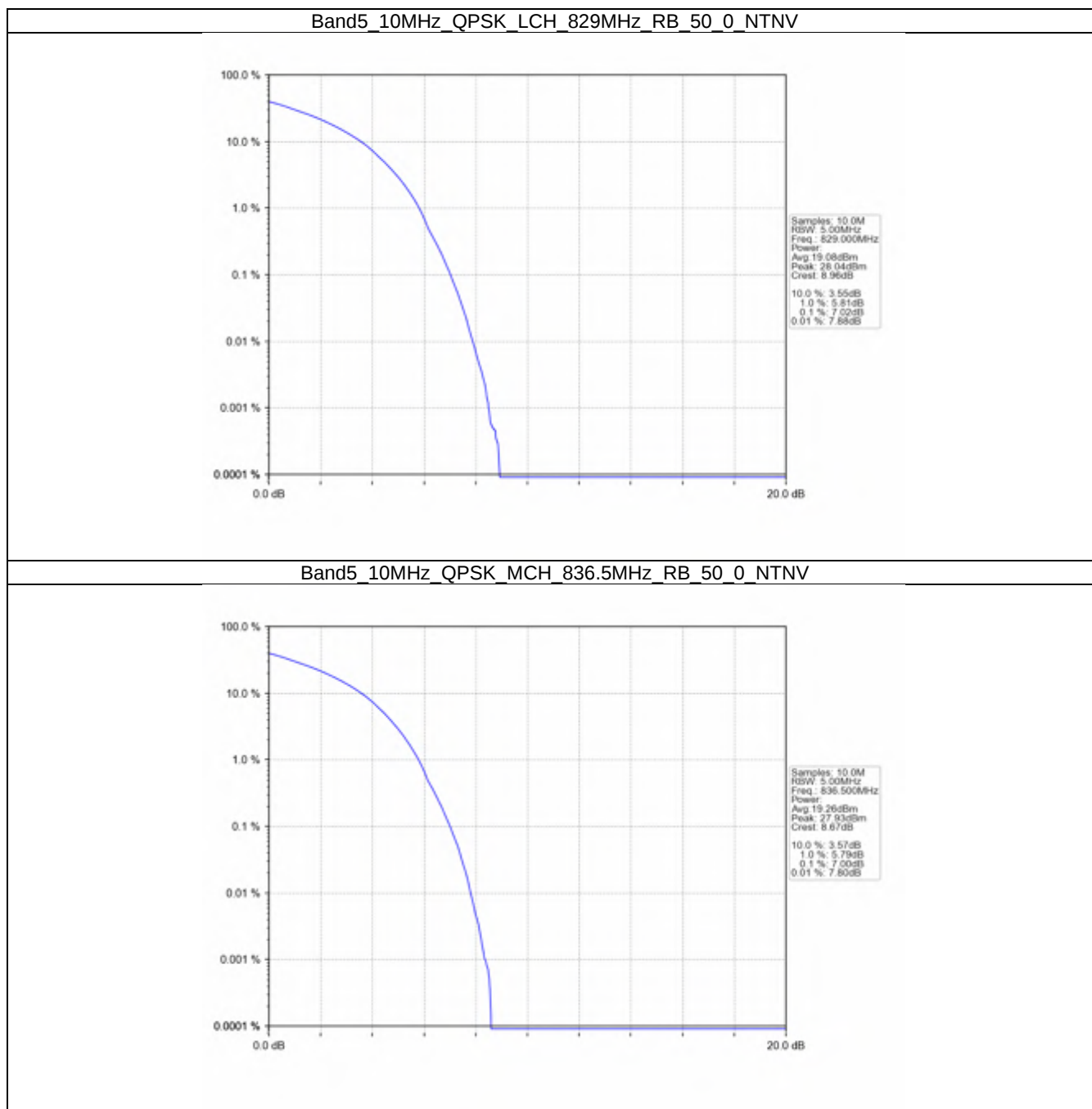
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3.4.2 Test Graph



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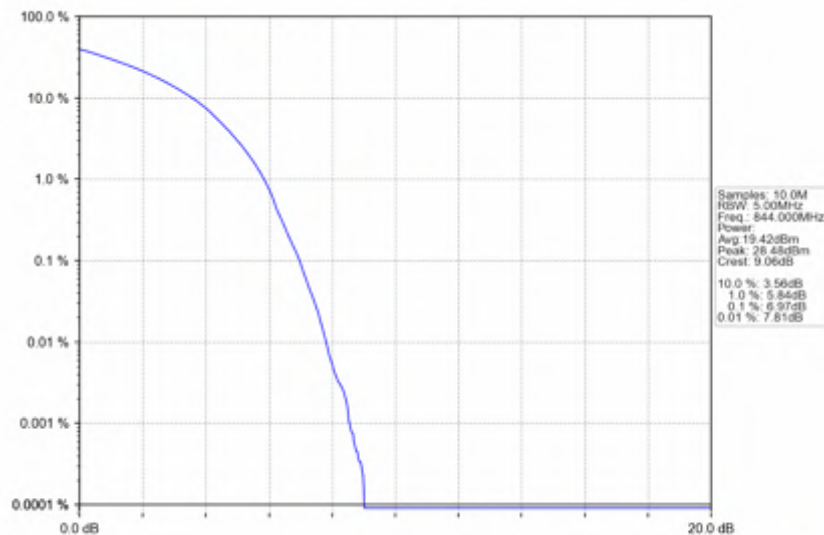
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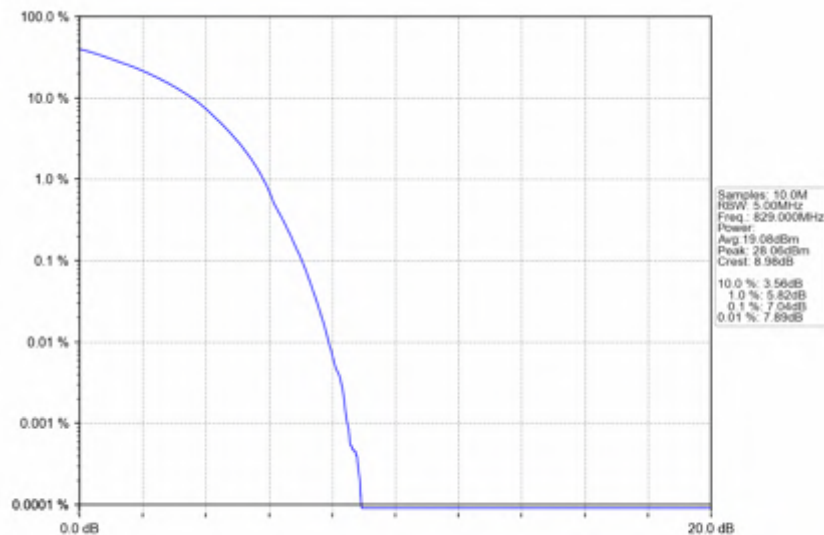
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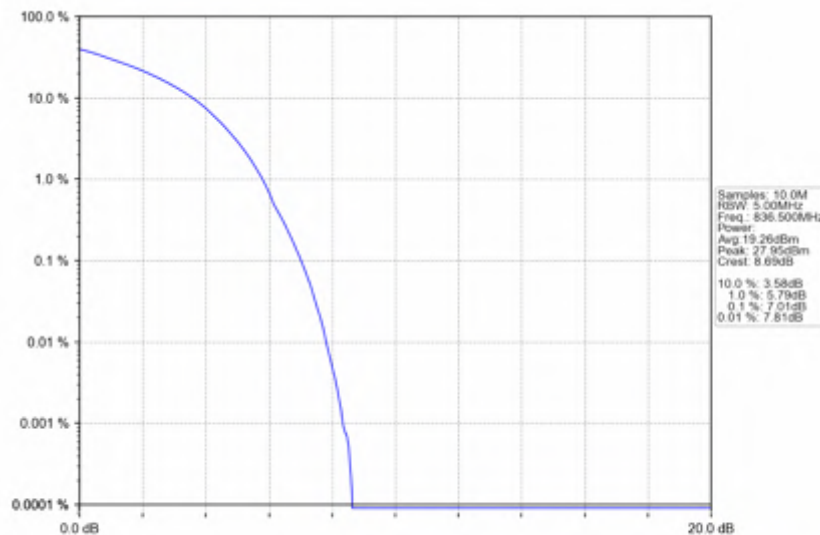


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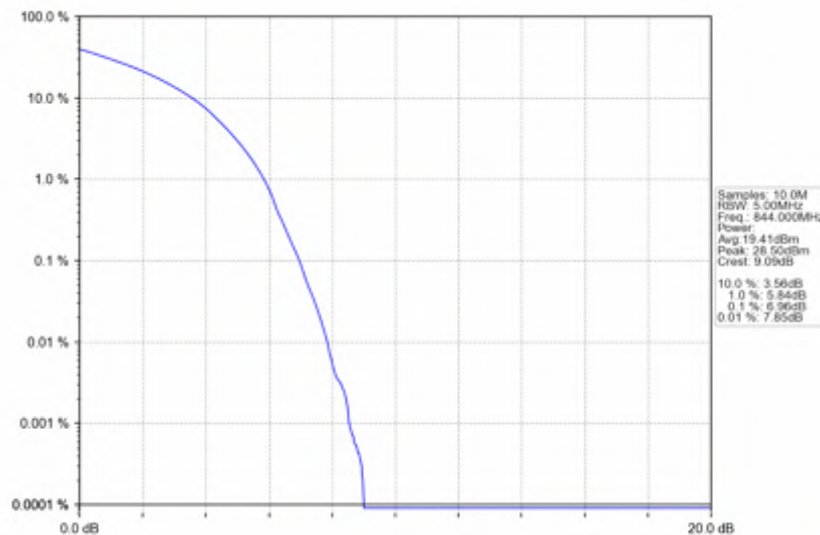
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Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



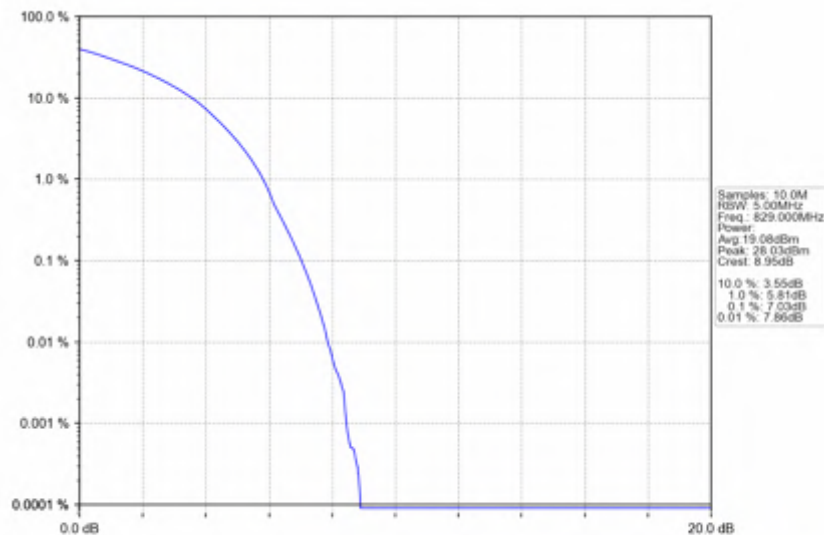
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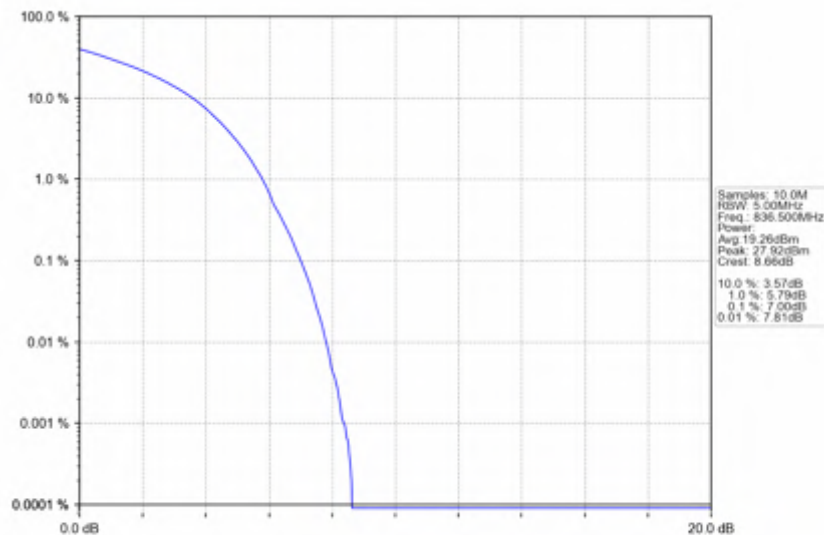
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Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



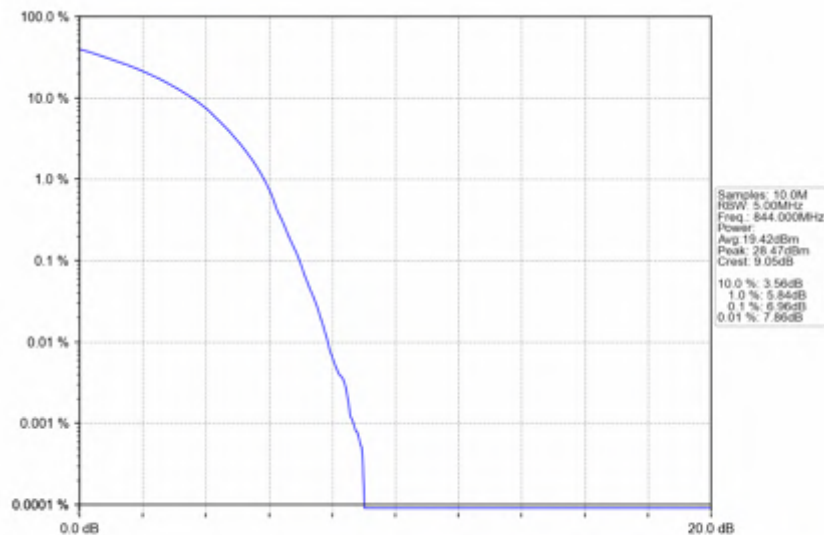
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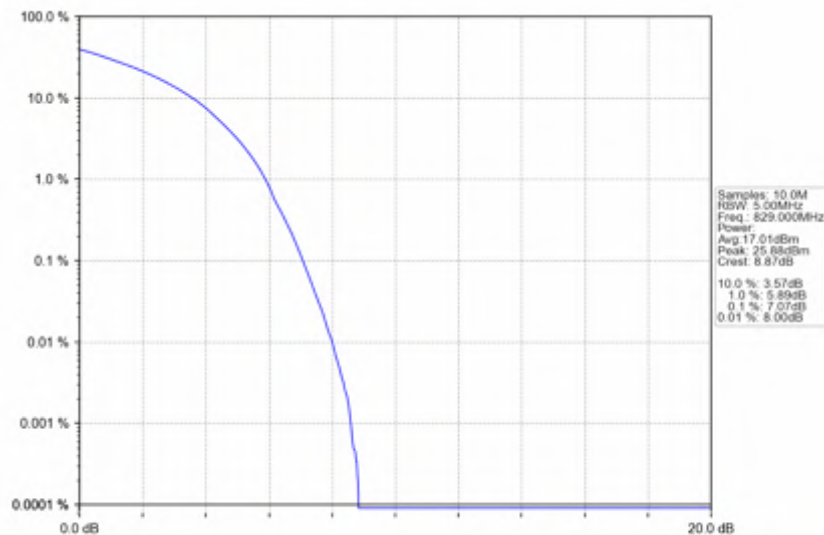
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Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



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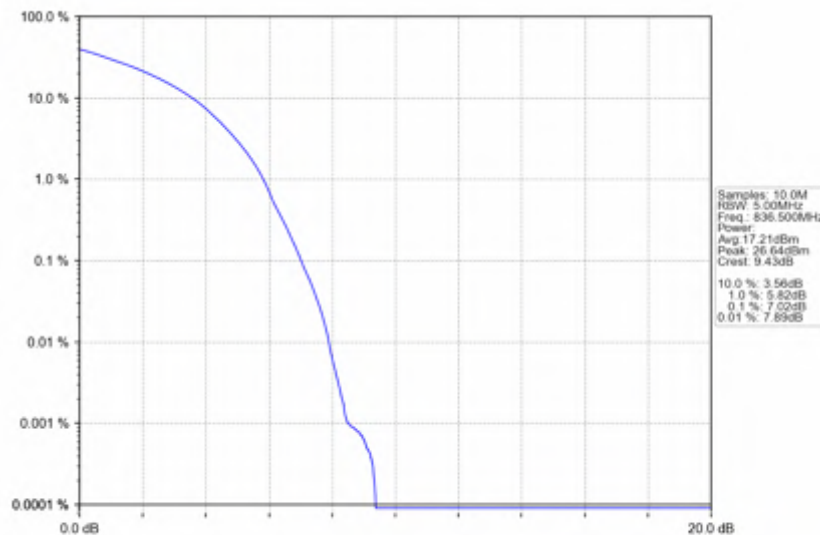
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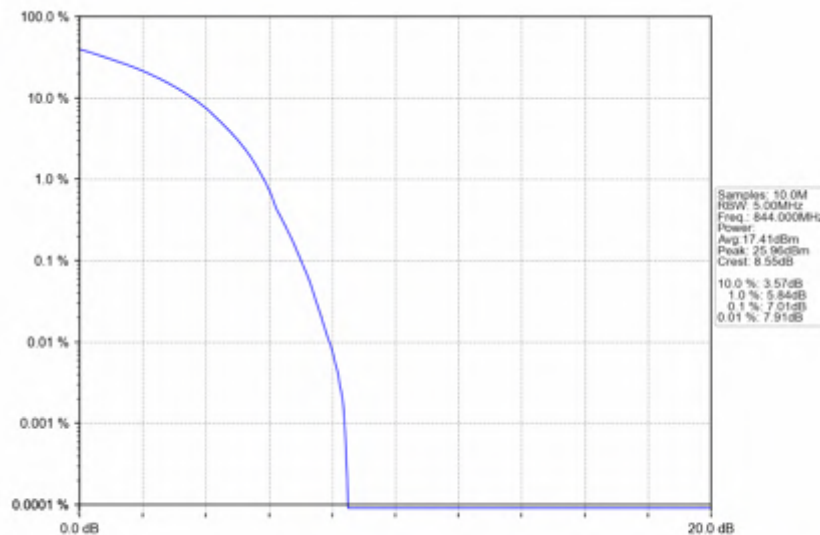
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Band5_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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4. Peak-Average Ratio

4.1 B7_5MHz

1.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	6.83	<=13	Pass
	2535	25	0	5.87	<=13	Pass
	2567.5	25	0	6.82	<=13	Pass
16QAM	2502.5	25	0	6.83	<=13	Pass
	2535	25	0	6.63	<=13	Pass
	2567.5	25	0	6.81	<=13	Pass
64QAM	2502.5	25	0	6.83	<=13	Pass
	2535	25	0	6.85	<=13	Pass
	2567.5	25	0	6.81	<=13	Pass
256QAM	2502.5	25	0	6.90	<=13	Pass
	2535	25	0	7.04	<=13	Pass
	2567.5	25	0	6.86	<=13	Pass



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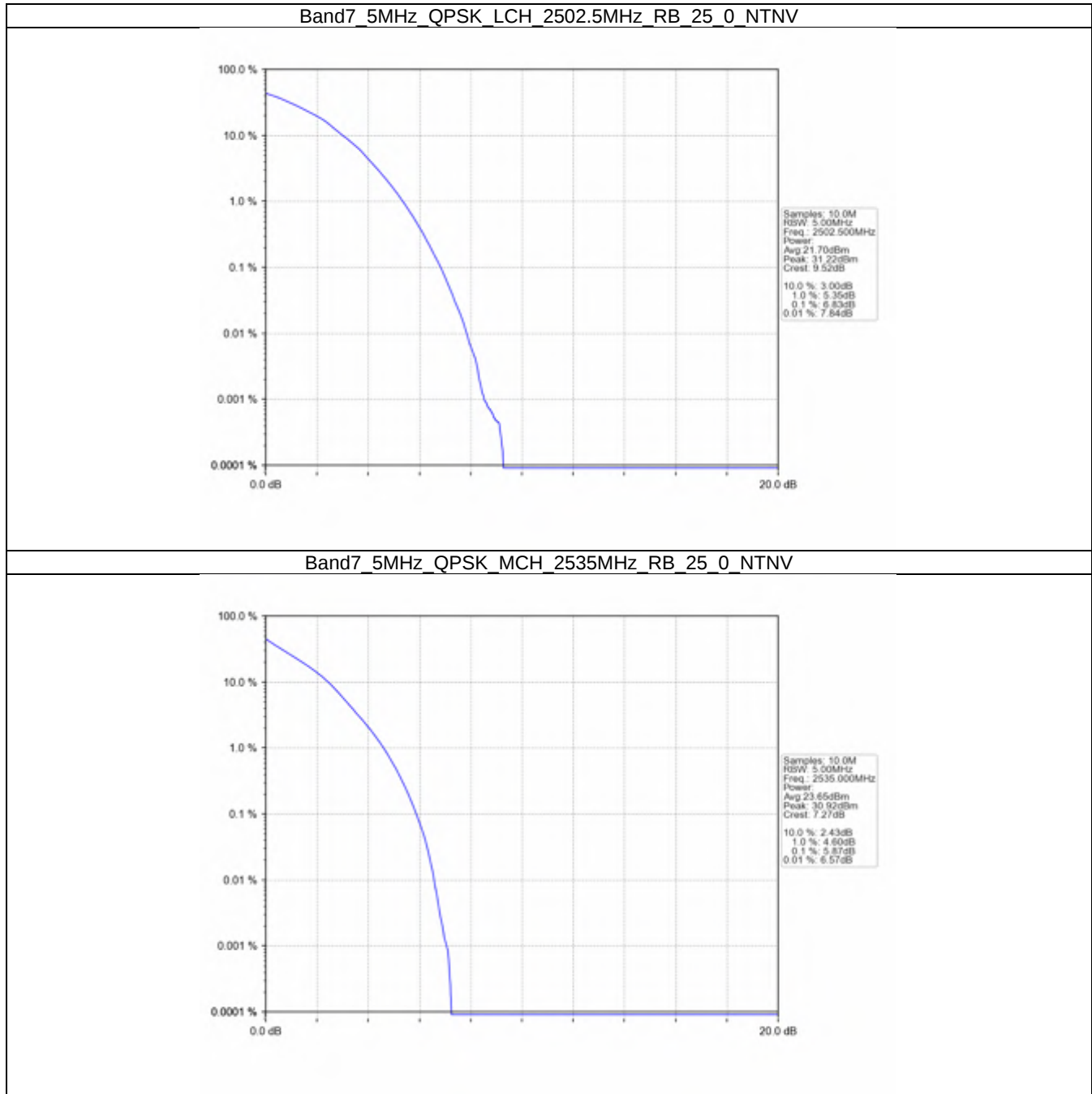
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1.1.2 Test Graph



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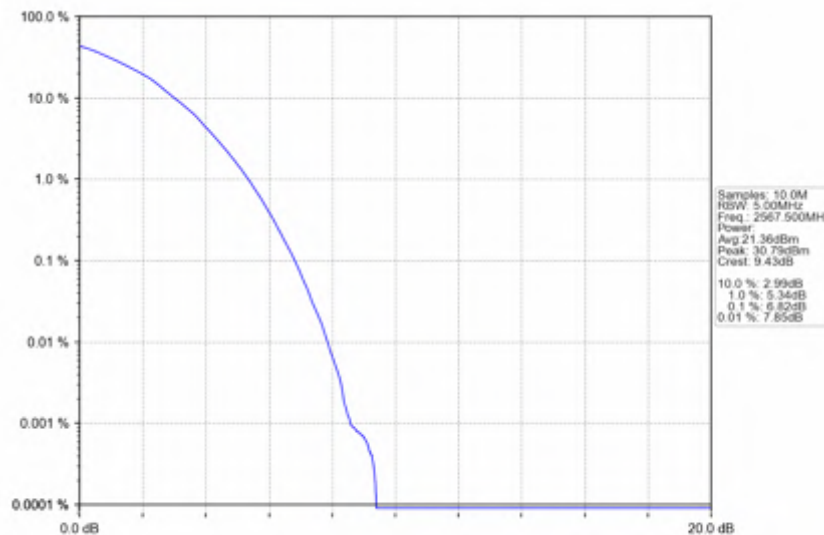
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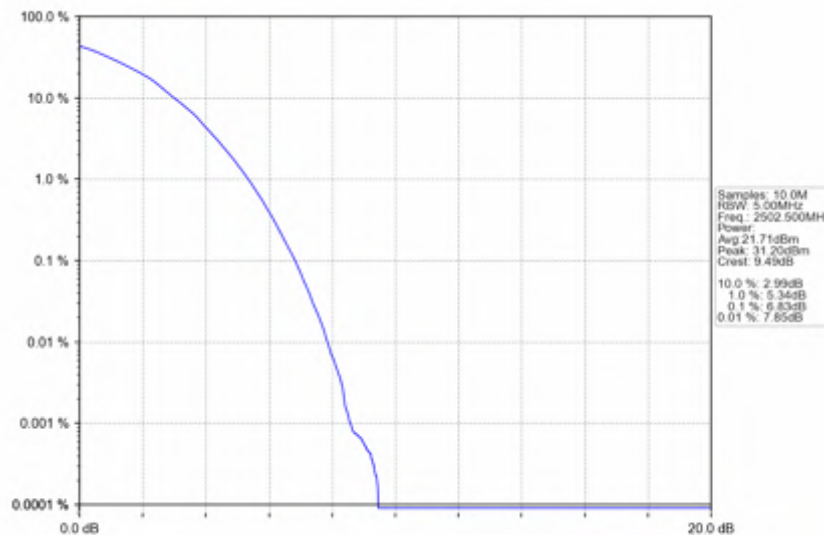
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV

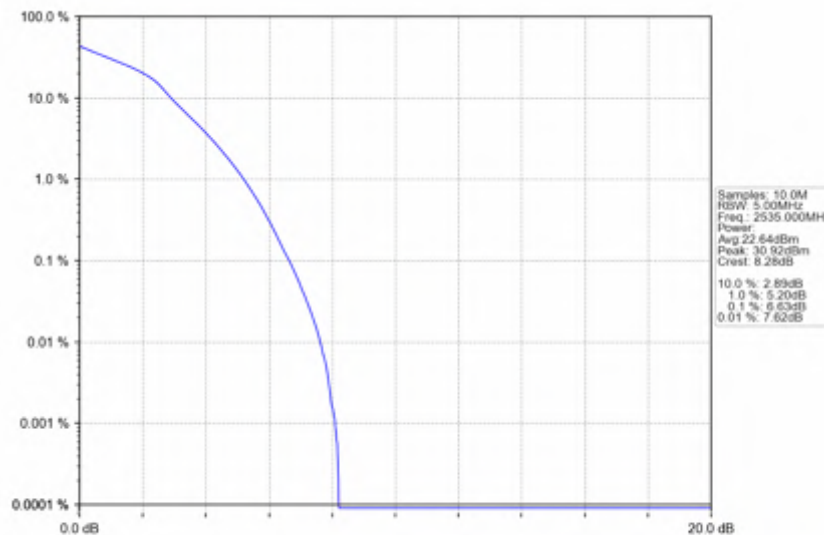


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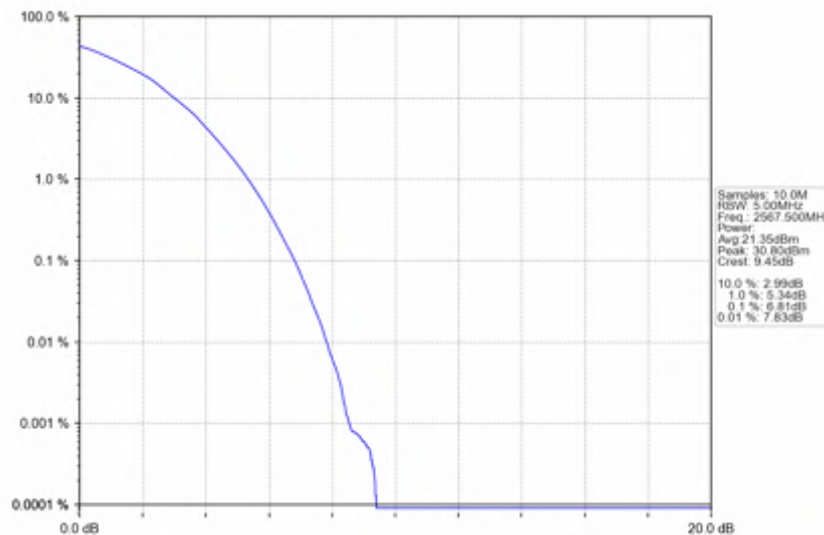
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Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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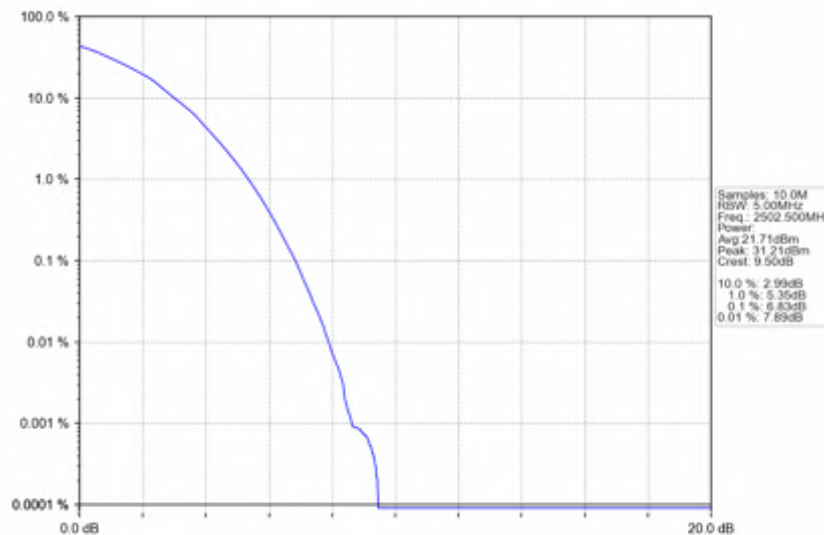
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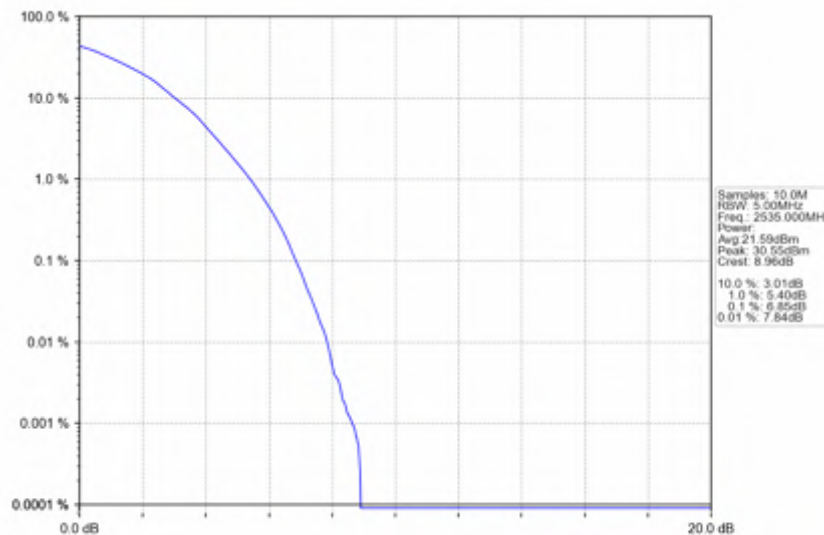
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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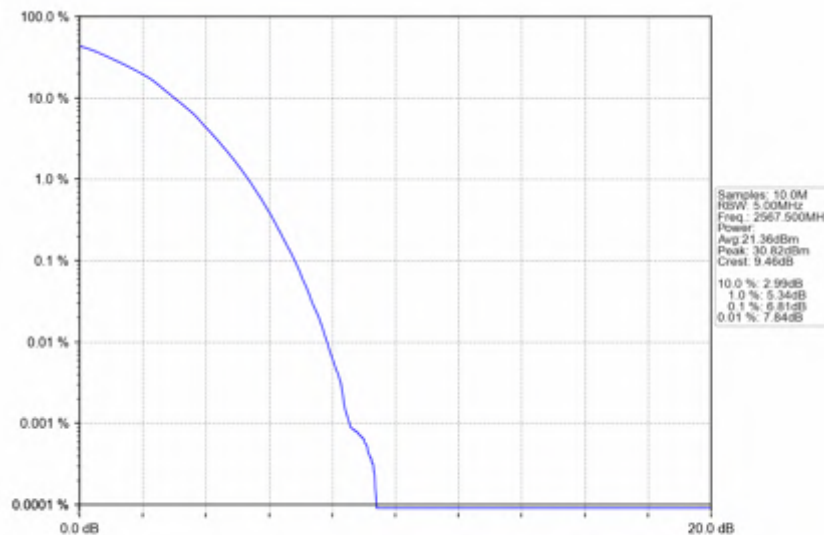
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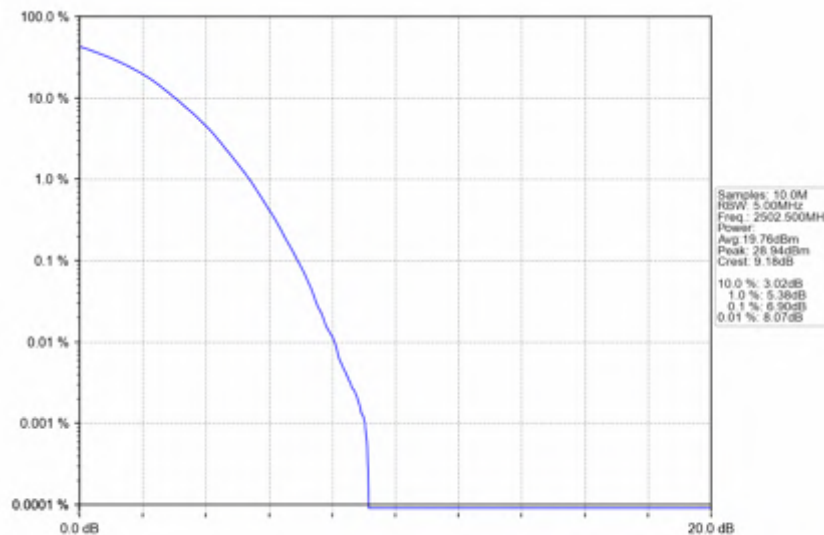
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_256QAM_LCH_2502.5MHz_RB_25_0_NTNV



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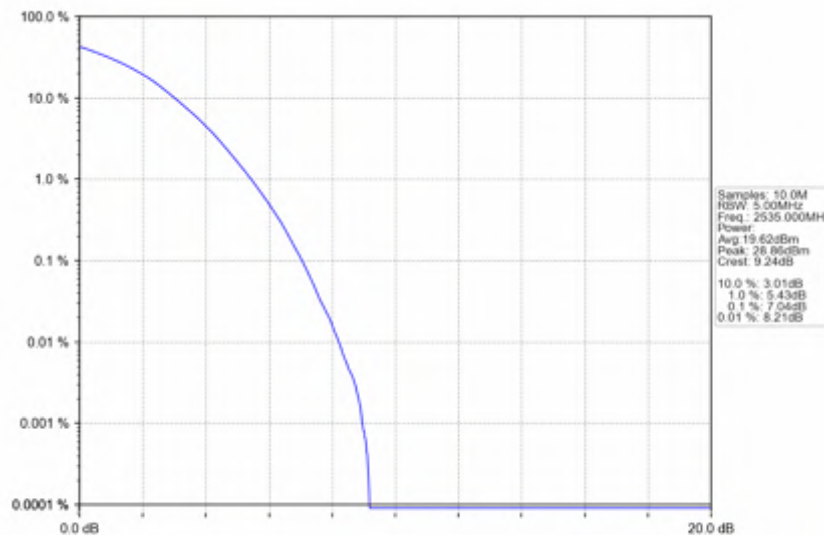
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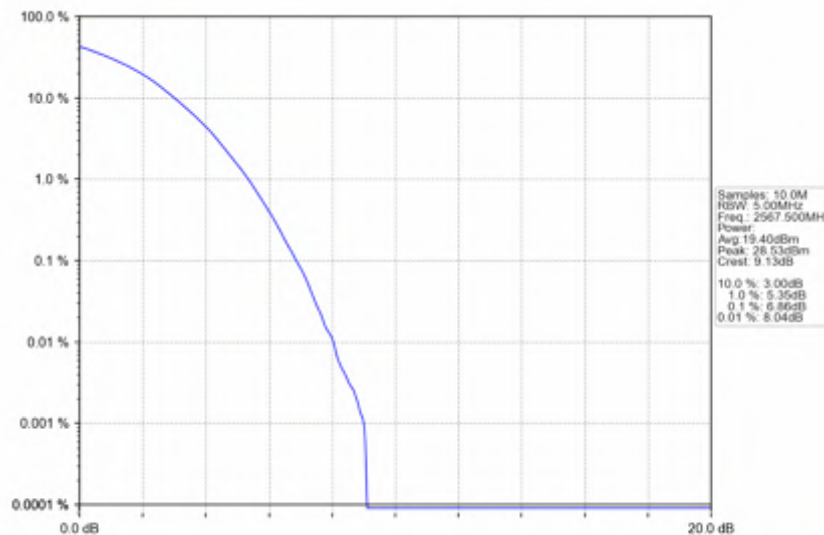
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4.2 B7_10MHz

4.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	7.11	<=13	Pass
	2535	50	0	7.09	<=13	Pass
	2565	50	0	7.05	<=13	Pass
16QAM	2505	50	0	7.09	<=13	Pass
	2535	50	0	7.08	<=13	Pass
	2565	50	0	7.05	<=13	Pass
64QAM	2505	50	0	7.10	<=13	Pass
	2535	50	0	7.09	<=13	Pass
	2565	50	0	7.05	<=13	Pass
256QAM	2505	50	0	7.16	<=13	Pass
	2535	50	0	7.11	<=13	Pass
	2565	50	0	7.10	<=13	Pass



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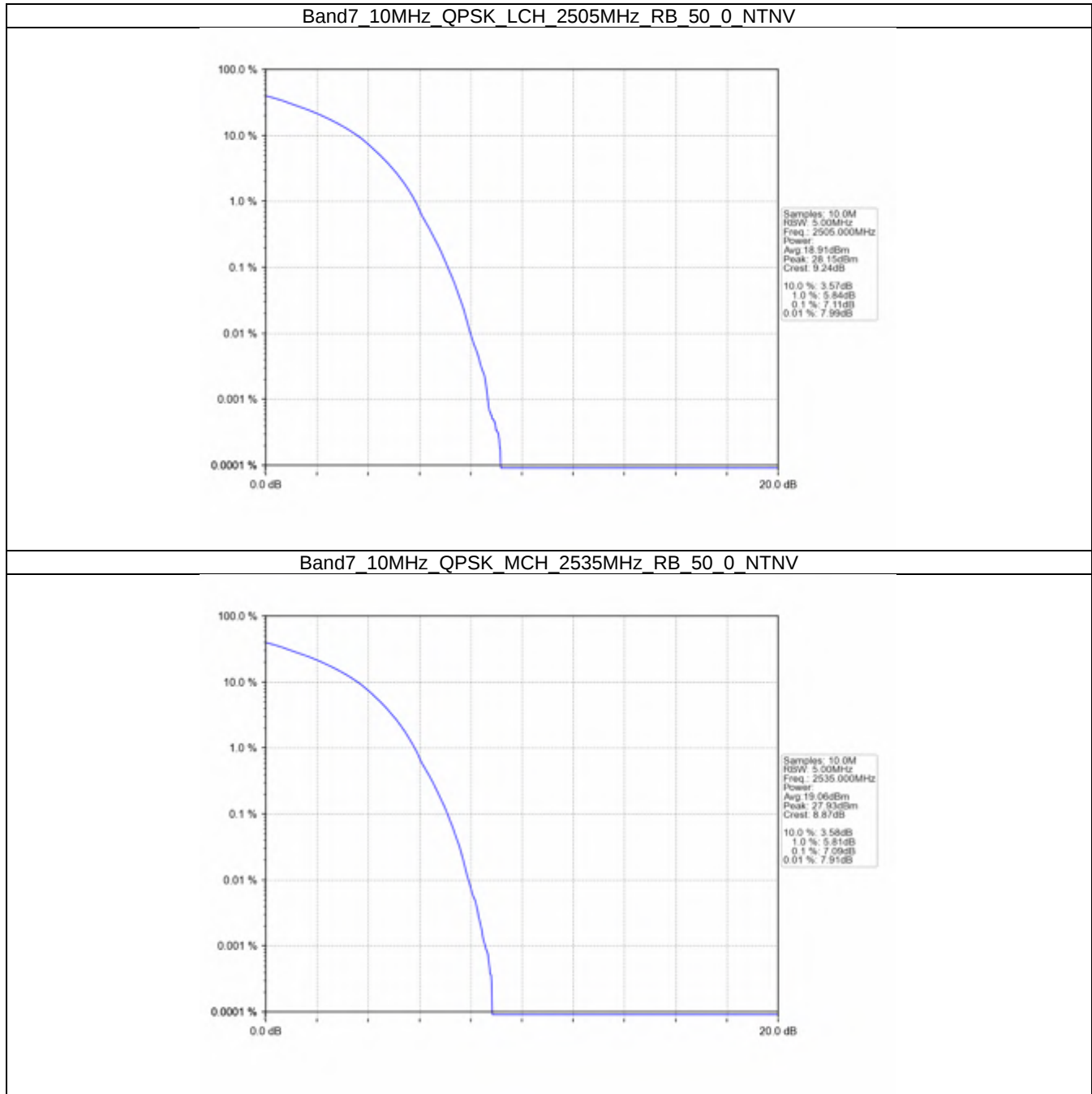
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4.2.2 Test Graph



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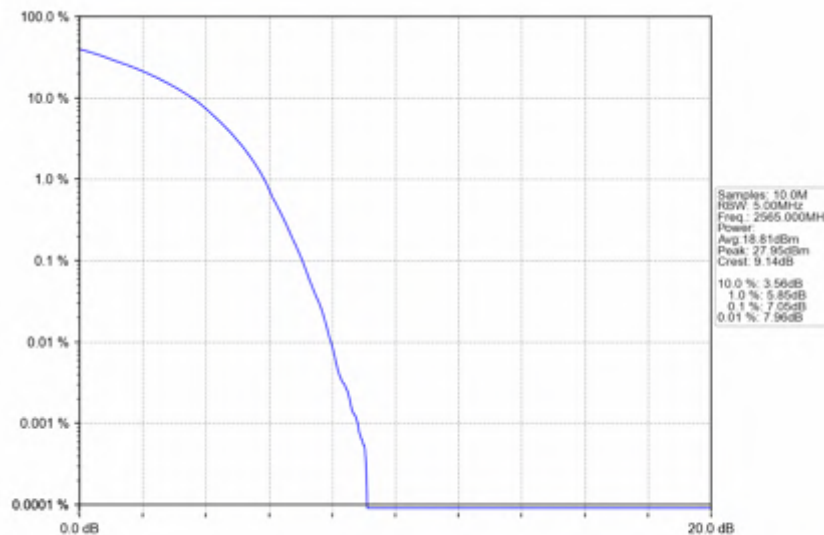
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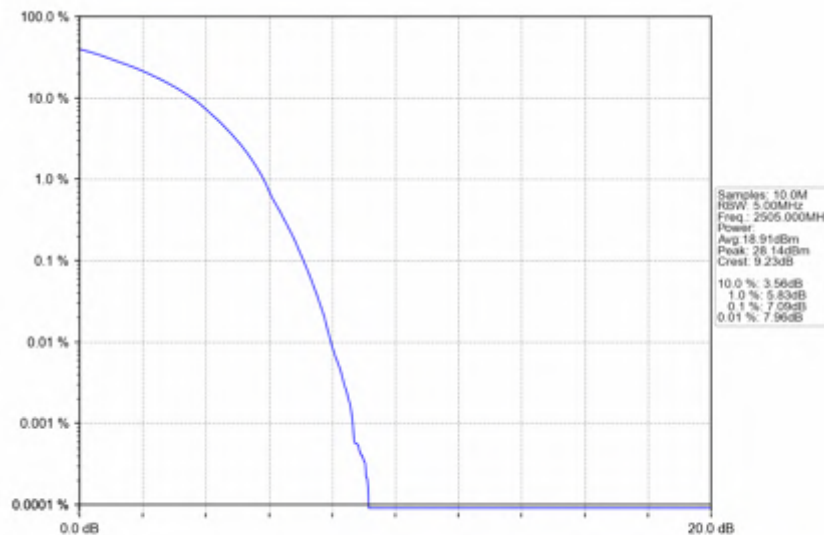
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV

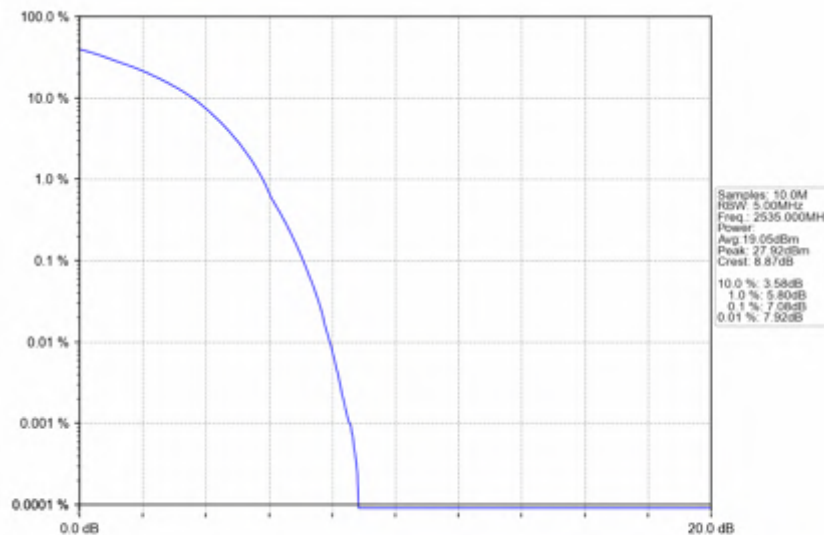


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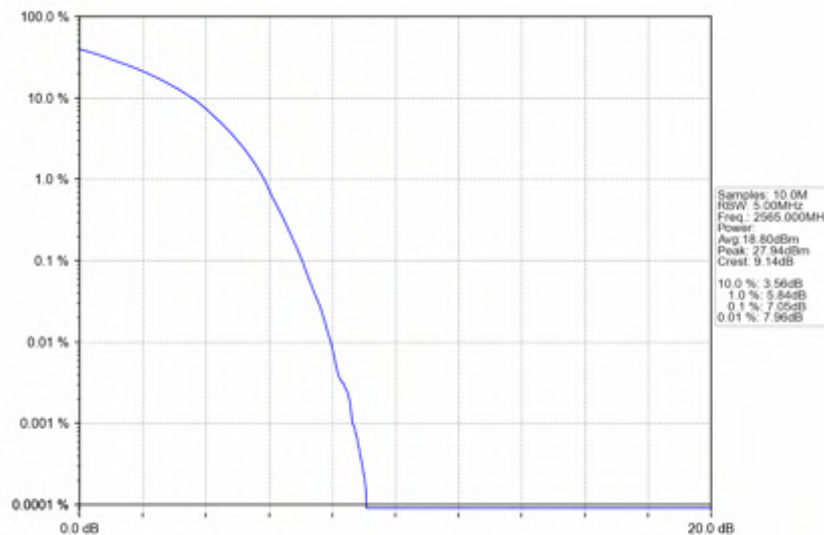
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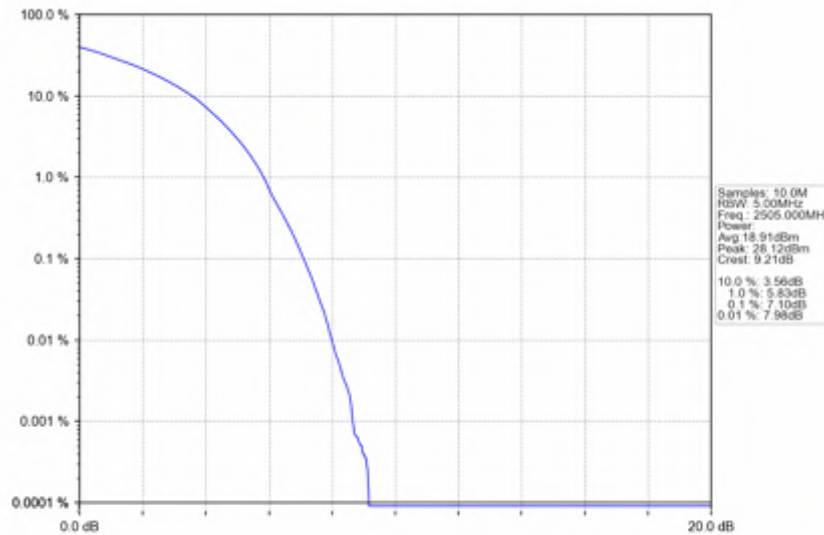


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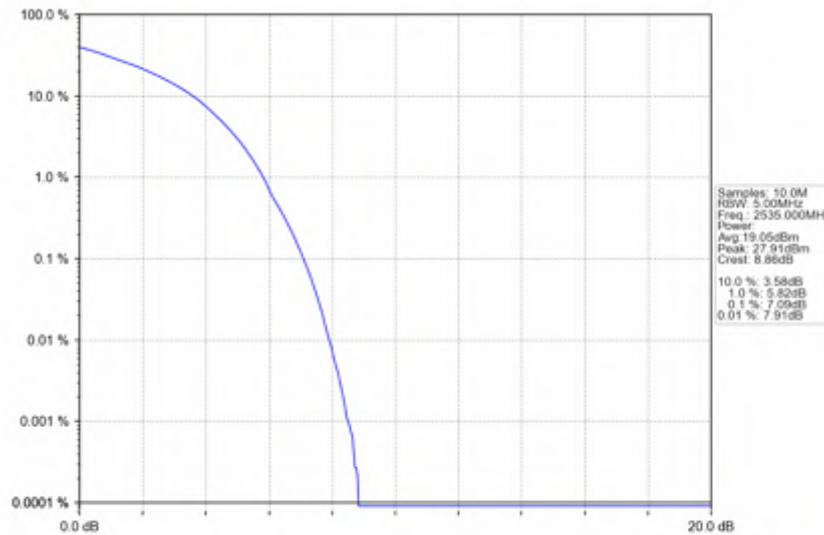
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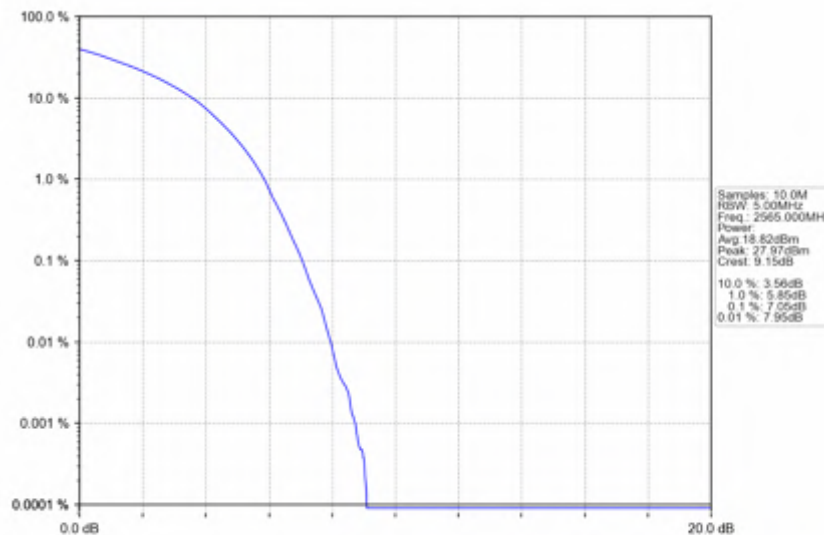
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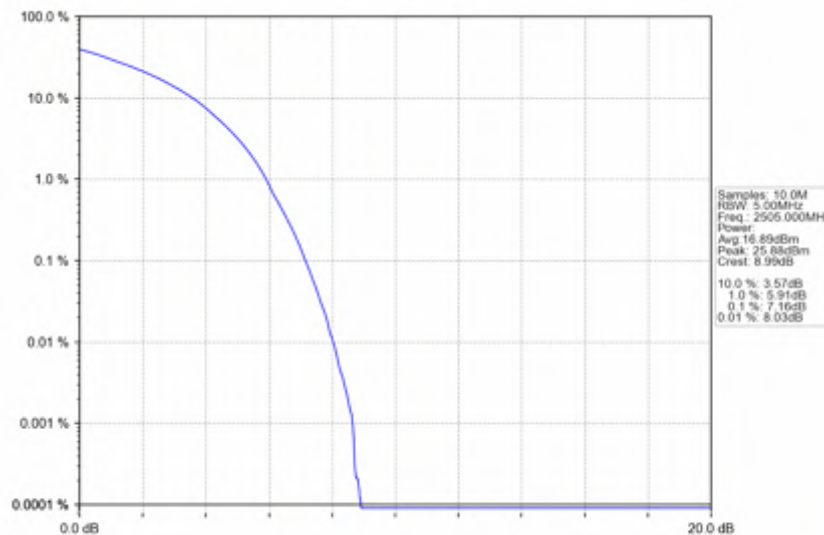
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Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



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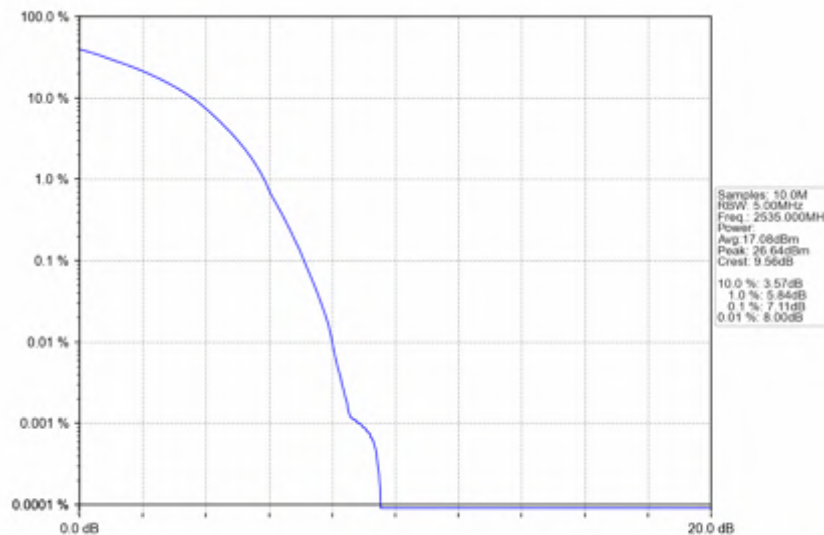
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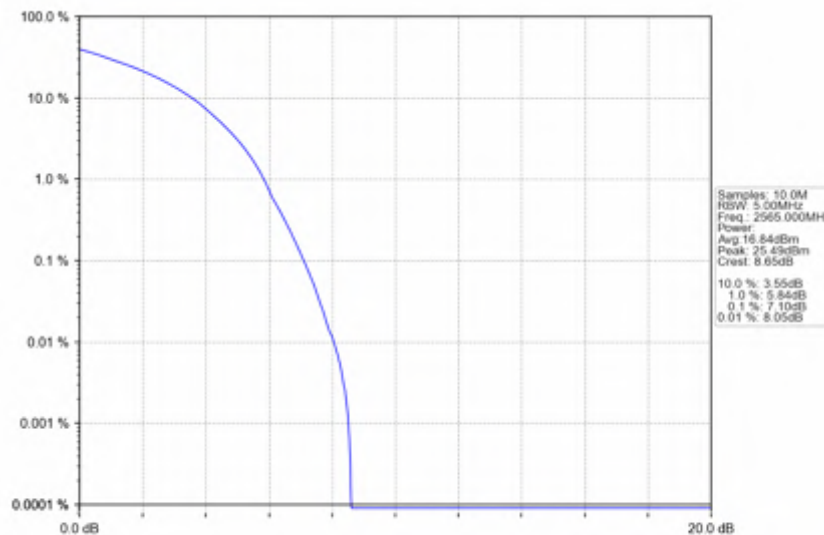
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4.3 B7_15MHz

4.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	7.52	<=13	Pass
	2535	75	0	7.45	<=13	Pass
	2562.5	75	0	7.45	<=13	Pass
16QAM	2507.5	75	0	7.52	<=13	Pass
	2535	75	0	7.44	<=13	Pass
	2562.5	75	0	7.45	<=13	Pass
64QAM	2507.5	75	0	7.52	<=13	Pass
	2535	75	0	7.43	<=13	Pass
	2562.5	75	0	7.44	<=13	Pass
256QAM	2507.5	75	0	7.46	<=13	Pass
	2535	75	0	7.51	<=13	Pass
	2562.5	75	0	7.44	<=13	Pass



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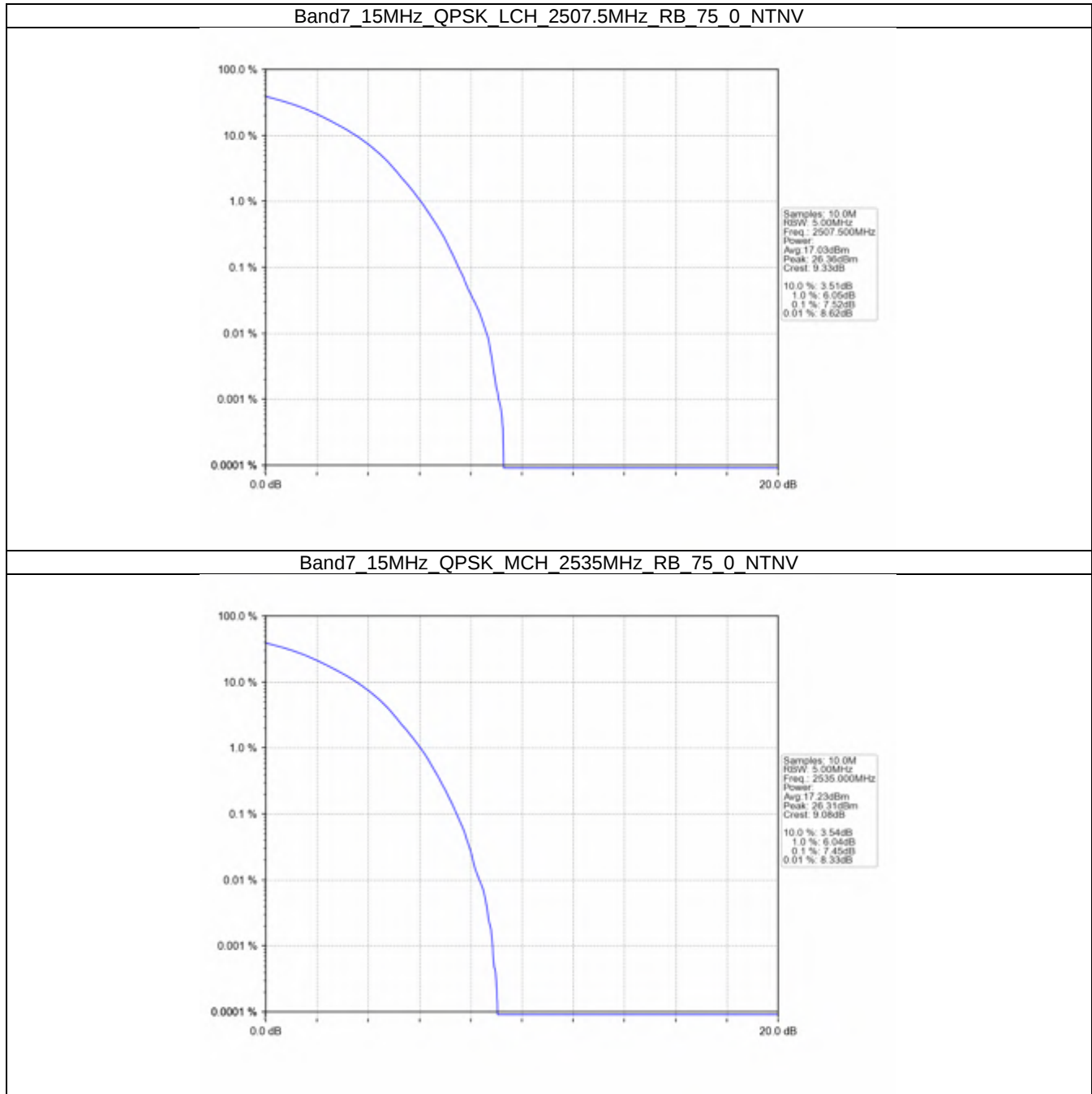
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4.3.2 Test Graph



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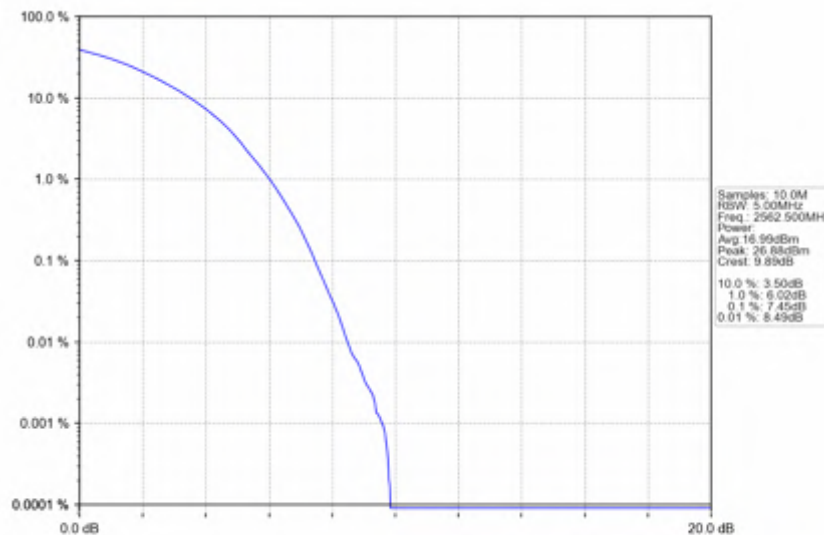
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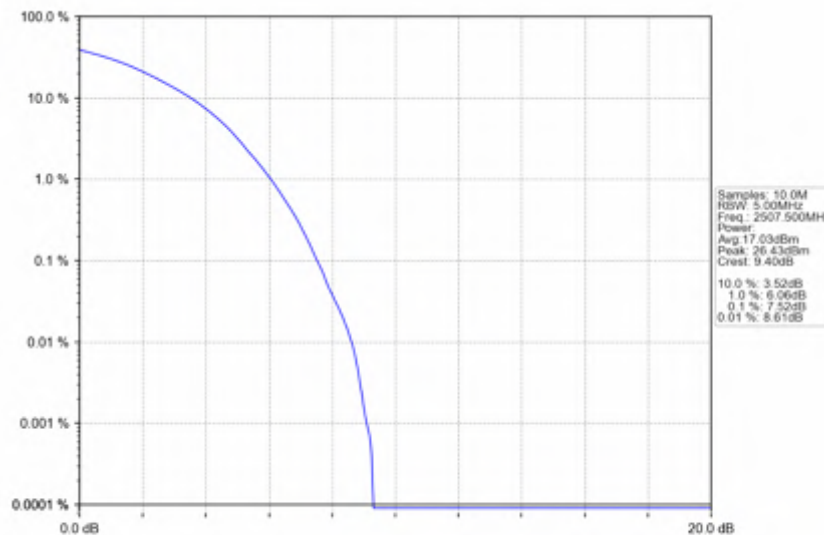
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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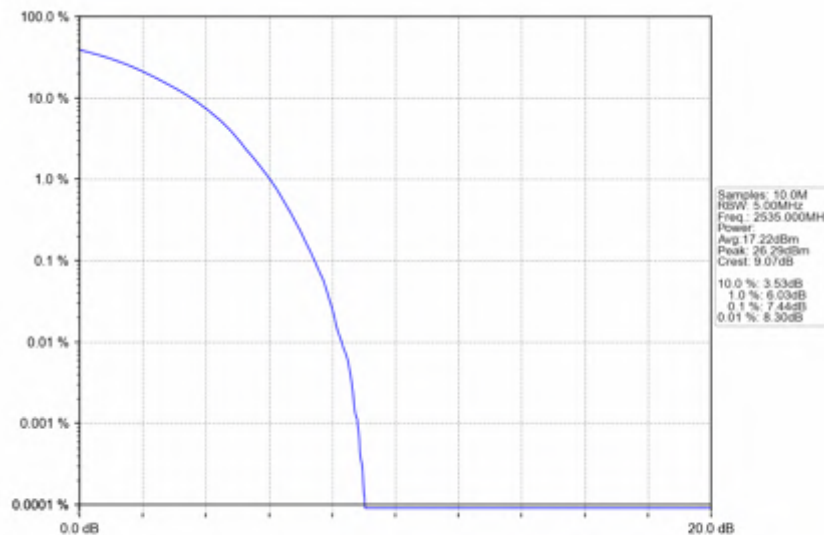
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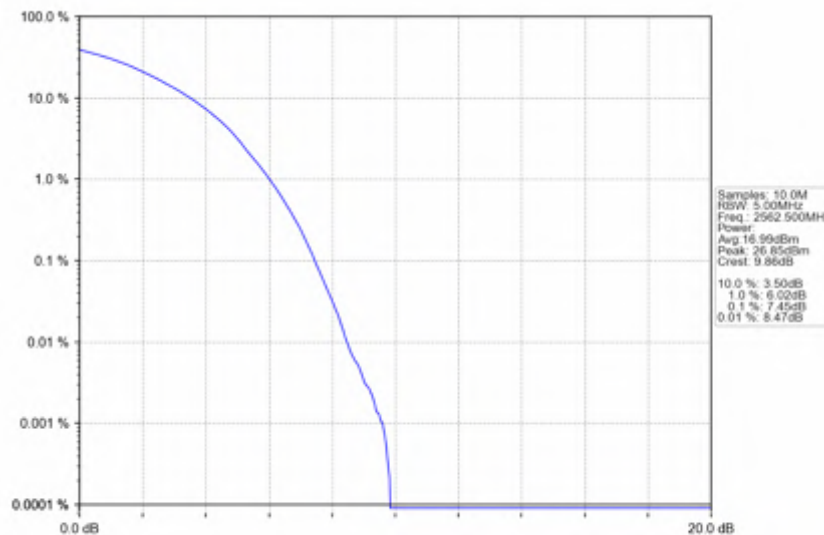
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Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



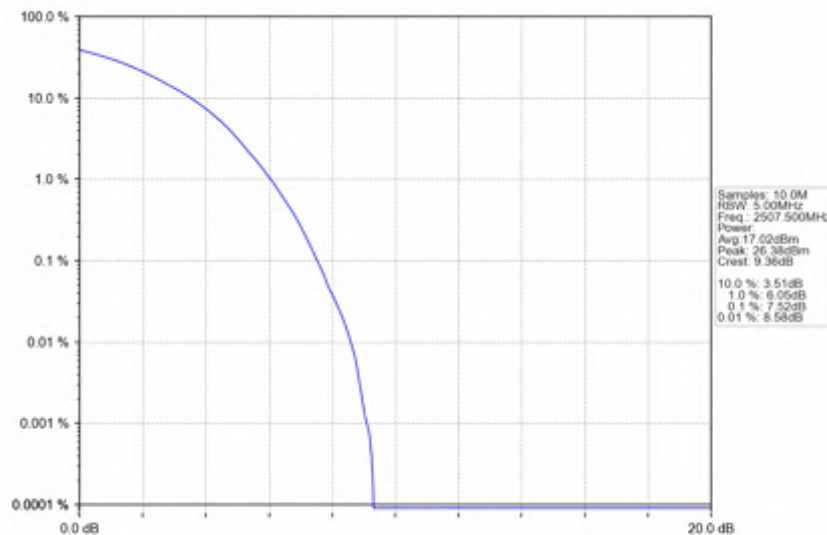
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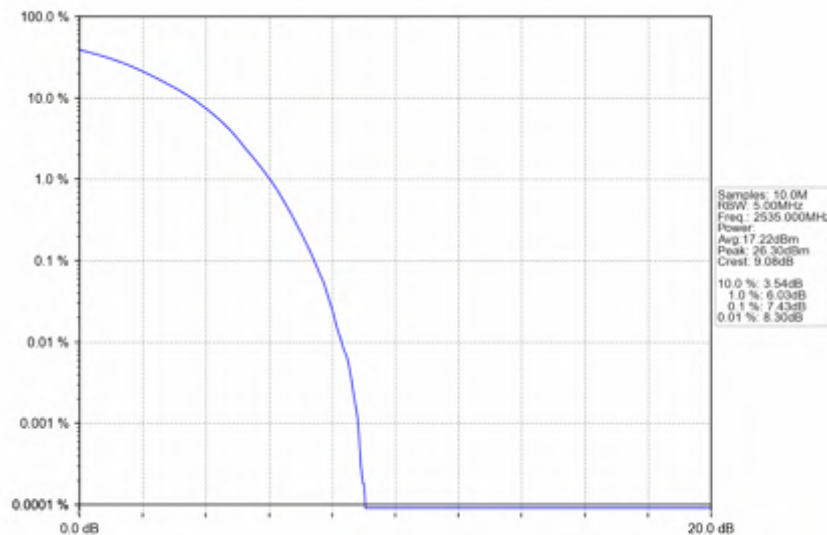
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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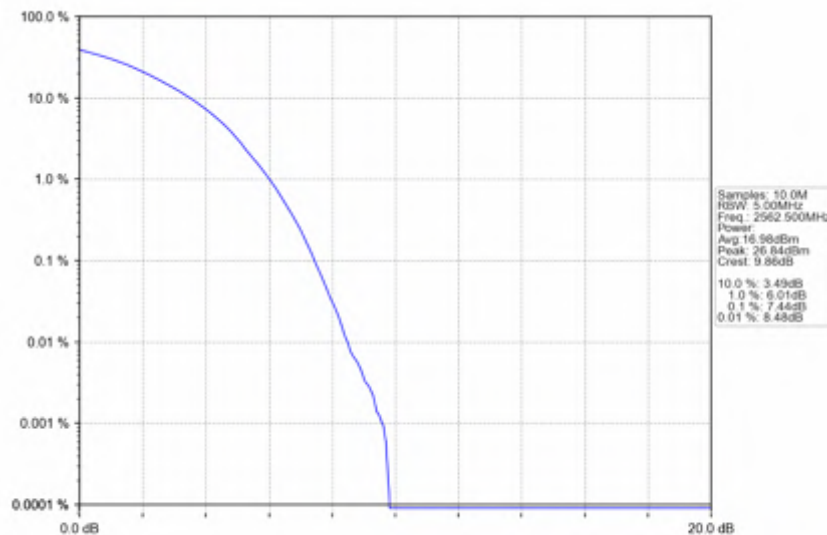
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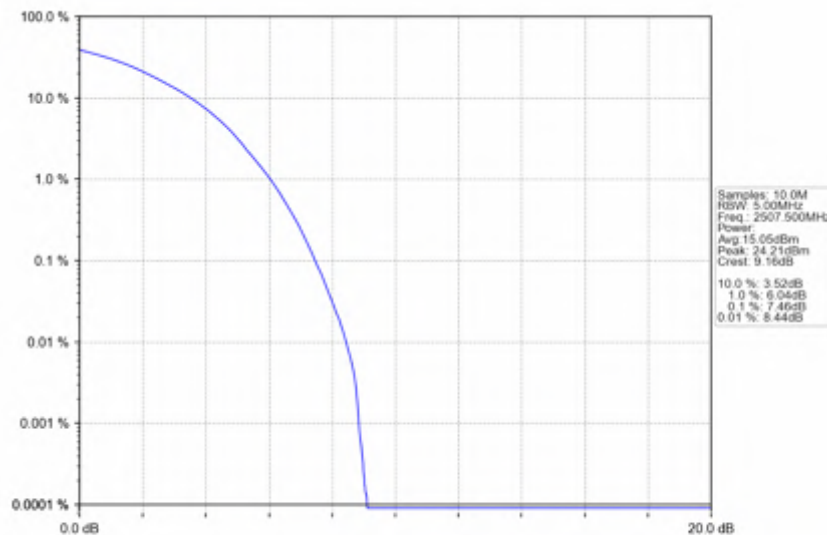
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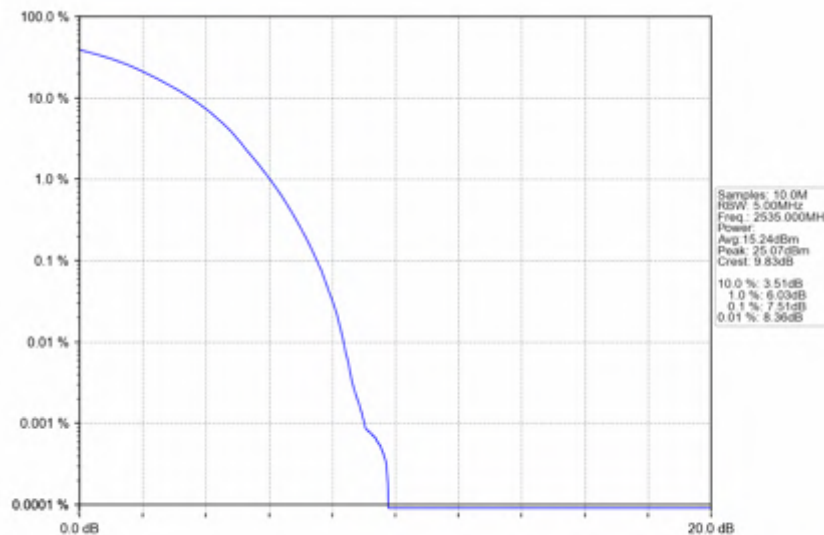


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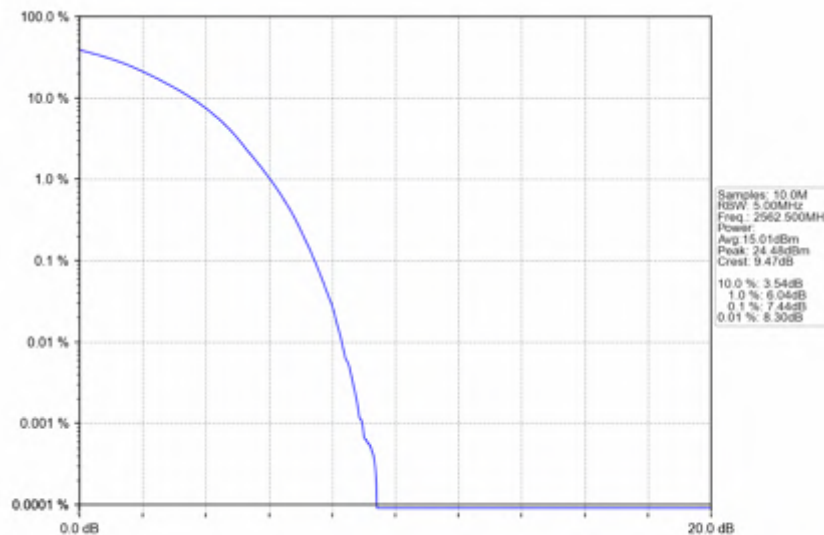
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4.4 B7_20MHz

4.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	7.68	<=13	Pass
	2535	100	0	7.63	<=13	Pass
	2560	100	0	7.66	<=13	Pass
16QAM	2510	100	0	7.69	<=13	Pass
	2535	100	0	7.62	<=13	Pass
	2560	100	0	7.66	<=13	Pass
64QAM	2510	100	0	7.69	<=13	Pass
	2535	100	0	7.62	<=13	Pass
	2560	100	0	7.65	<=13	Pass
256QAM	2510	100	0	7.67	<=13	Pass
	2535	100	0	7.63	<=13	Pass
	2560	100	0	7.70	<=13	Pass



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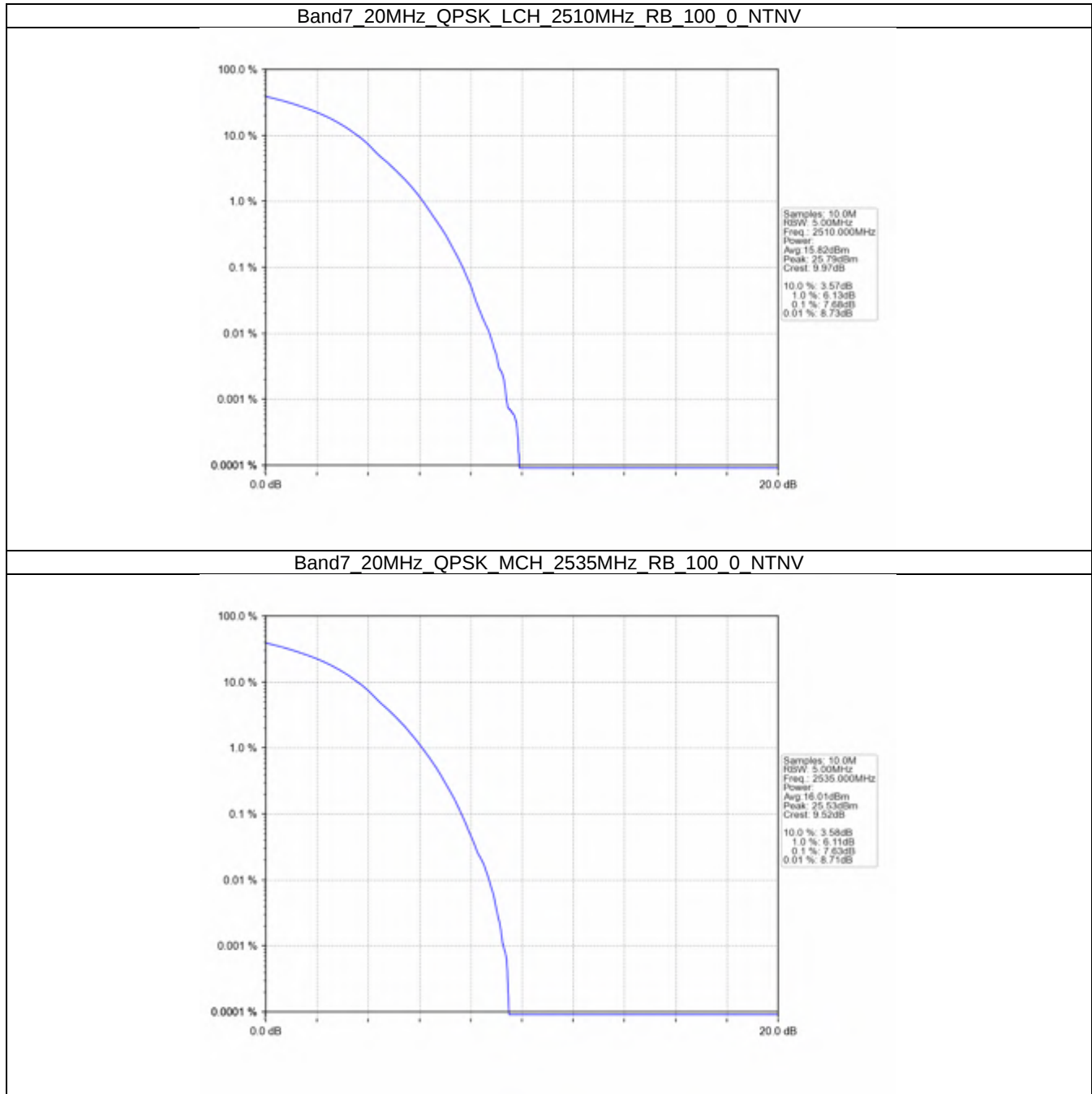
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4.4.2 Test Graph



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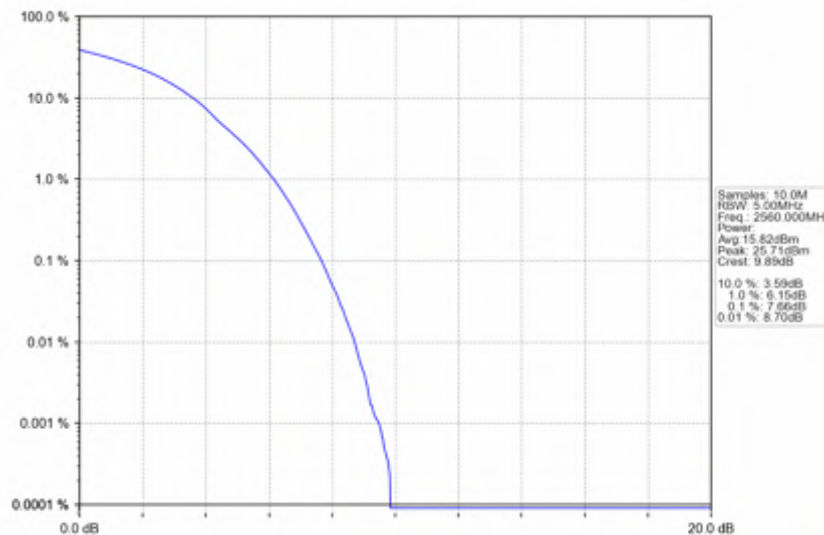
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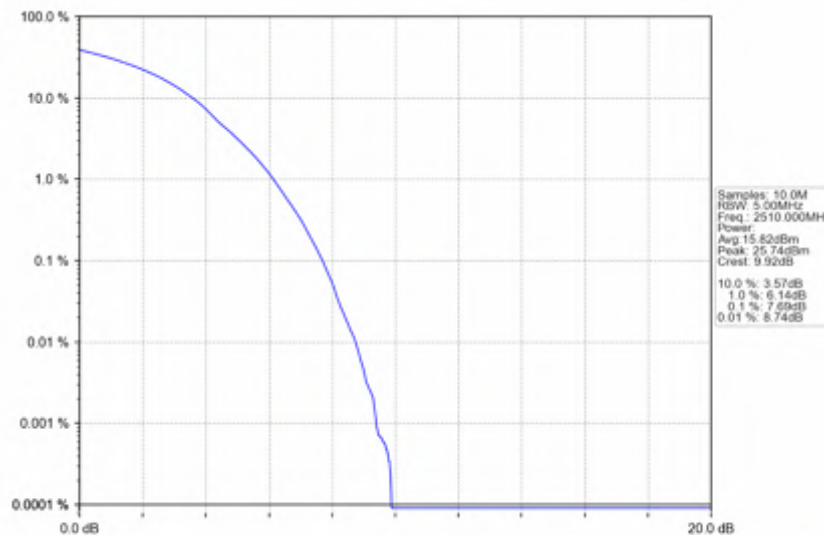
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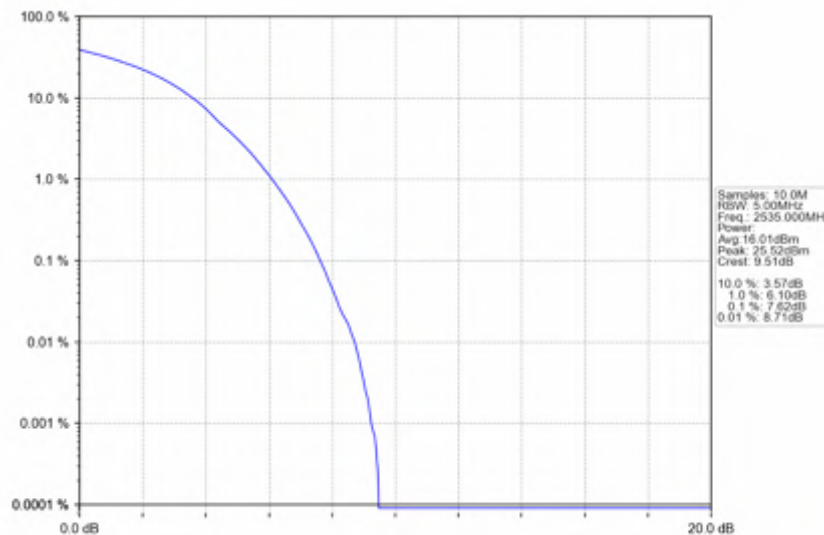
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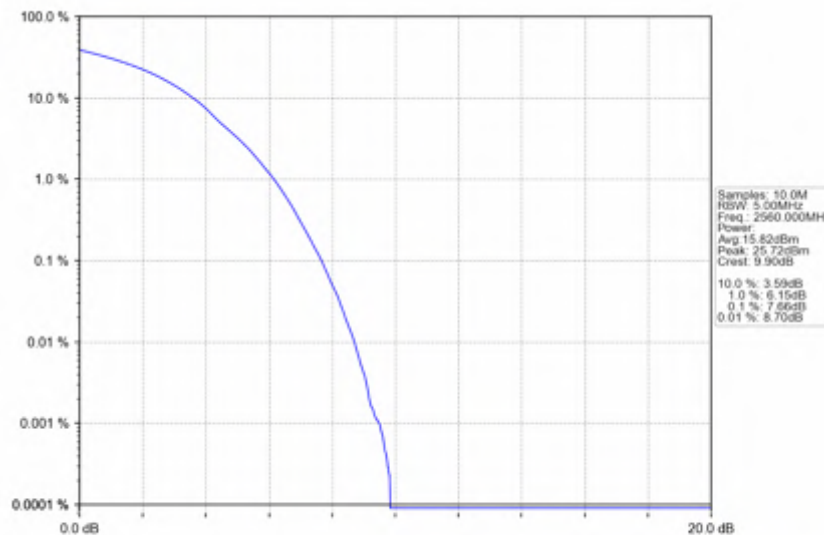
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Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



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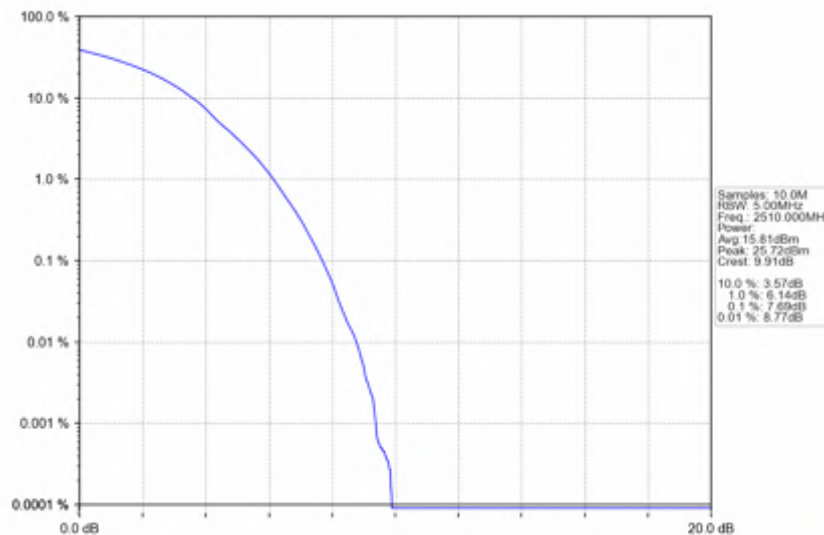
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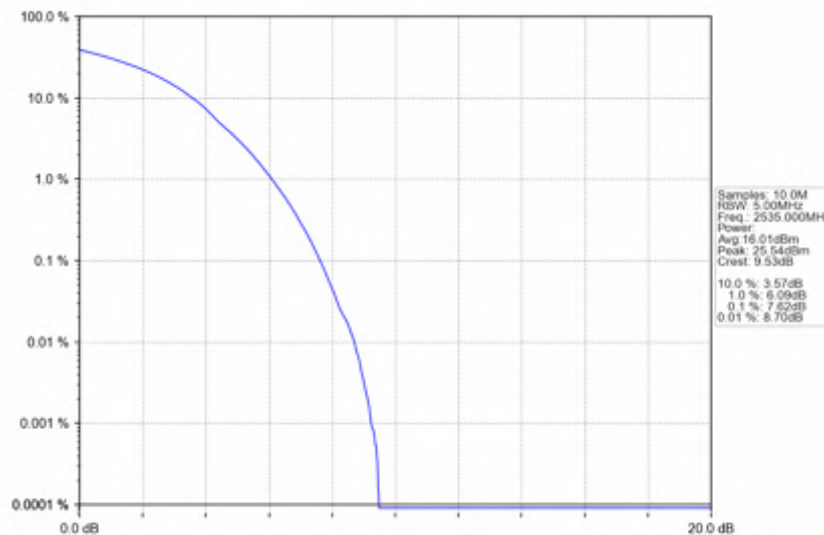
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Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV

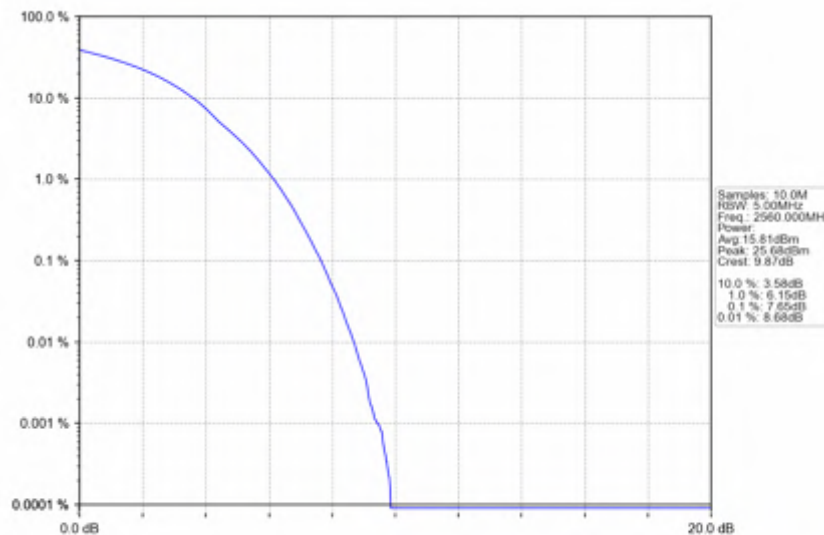


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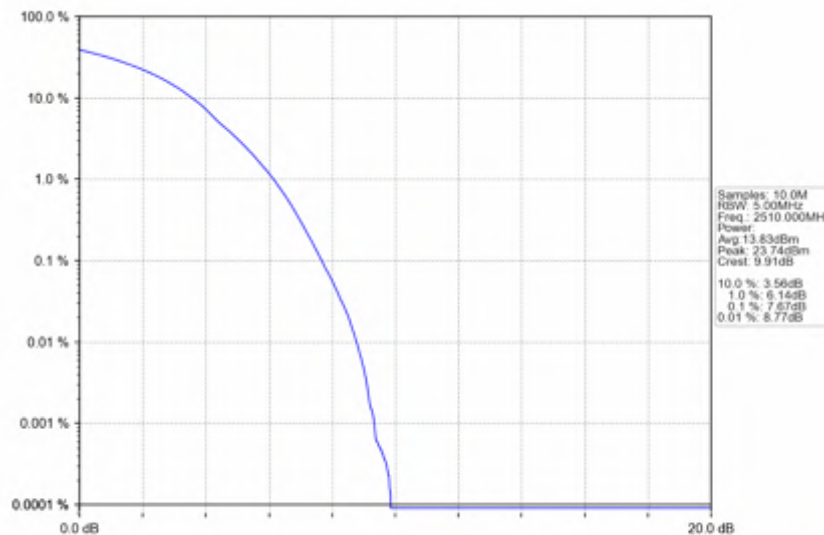
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Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_LCH_2510MHz_RB_100_0_NTNV



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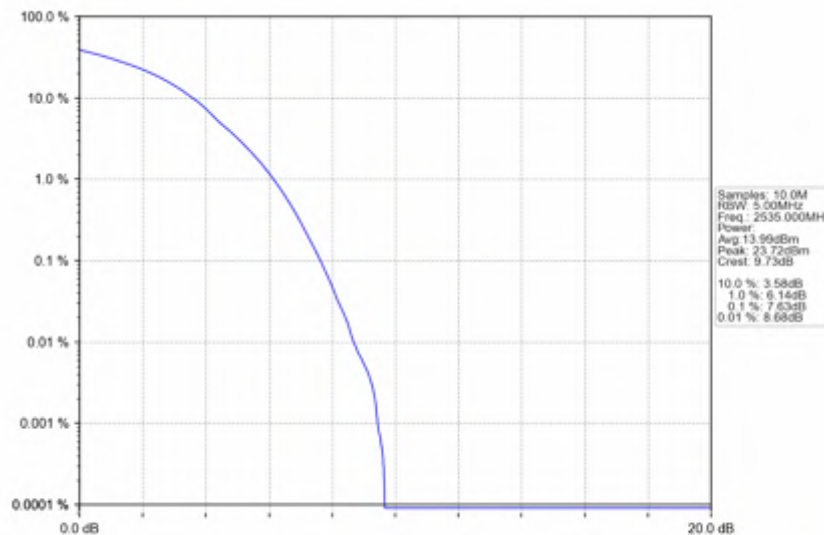
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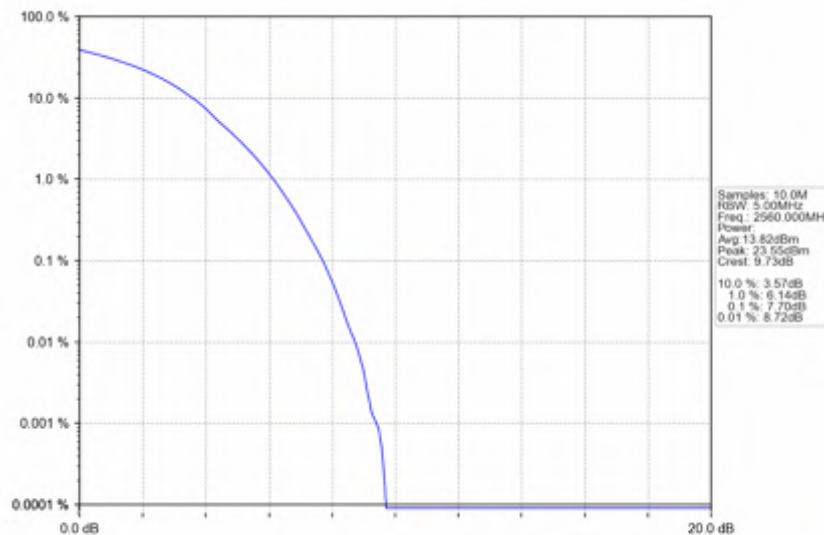
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Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



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5. Peak-Average Ratio

5.1 B25_1.4MHz

5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.83	<=13	Pass
	1882.5	6	0	6.94	<=13	Pass
	1914.3	6	0	6.69	<=13	Pass
16QAM	1850.7	6	0	6.55	<=13	Pass
	1882.5	6	0	6.96	<=13	Pass
	1914.3	6	0	6.68	<=13	Pass
64QAM	1850.7	6	0	7.02	<=13	Pass
	1882.5	6	0	6.95	<=13	Pass
	1914.3	6	0	6.69	<=13	Pass
256QAM	1850.7	6	0	7.09	<=13	Pass
	1882.5	6	0	7.06	<=13	Pass
	1914.3	6	0	6.73	<=13	Pass



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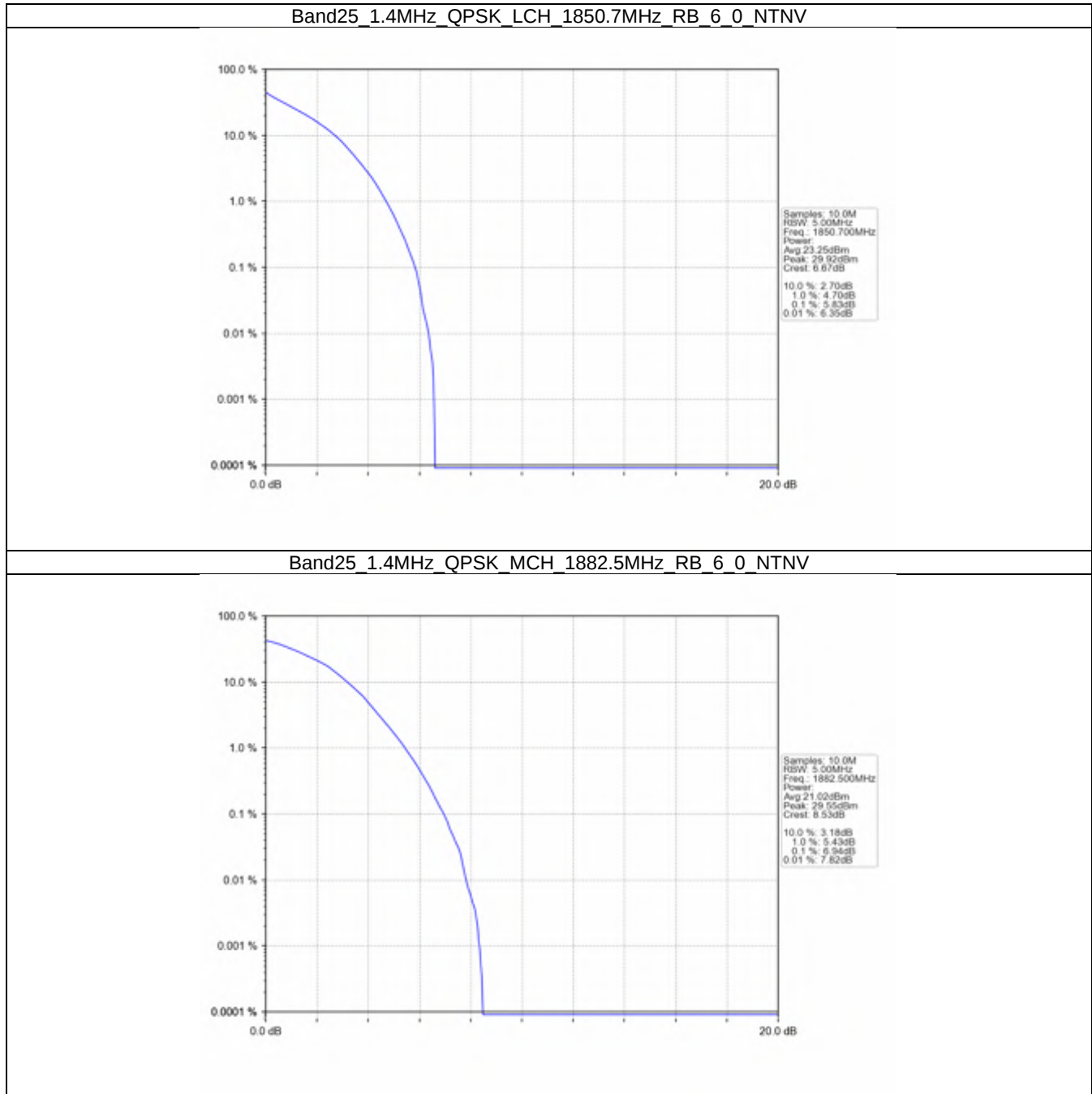
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5.1.2 Test Graph



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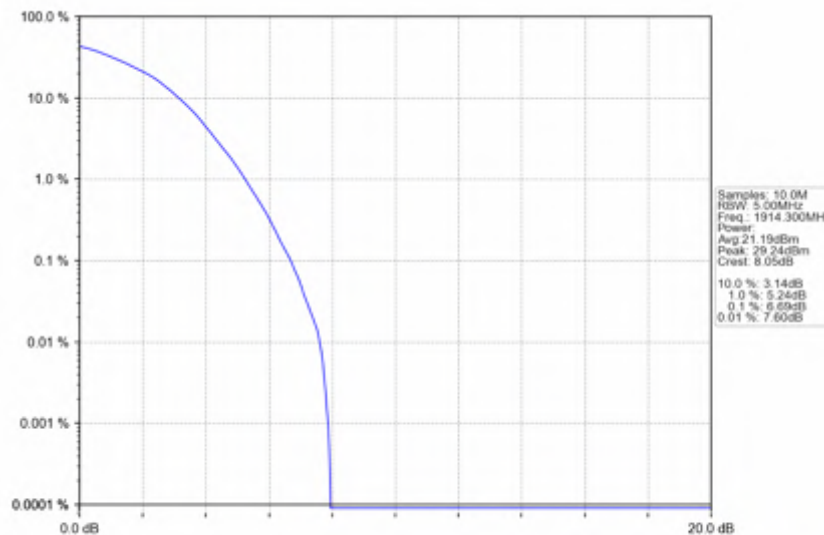
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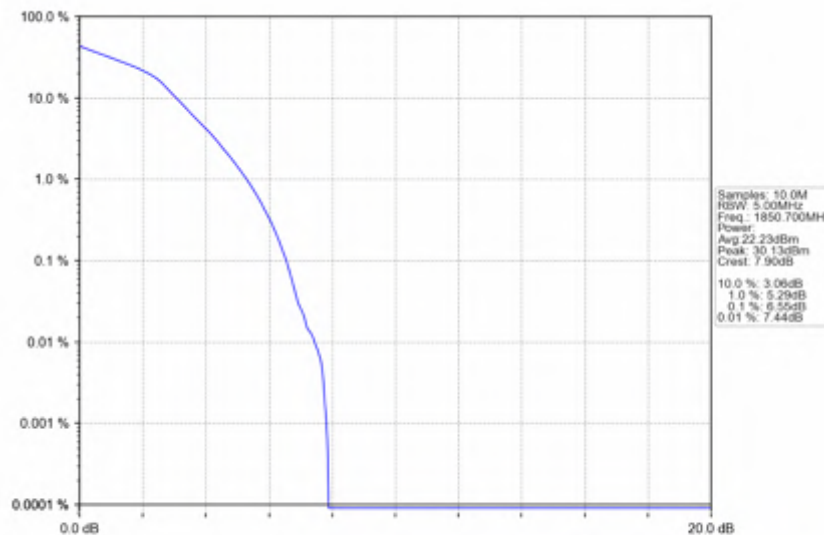
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

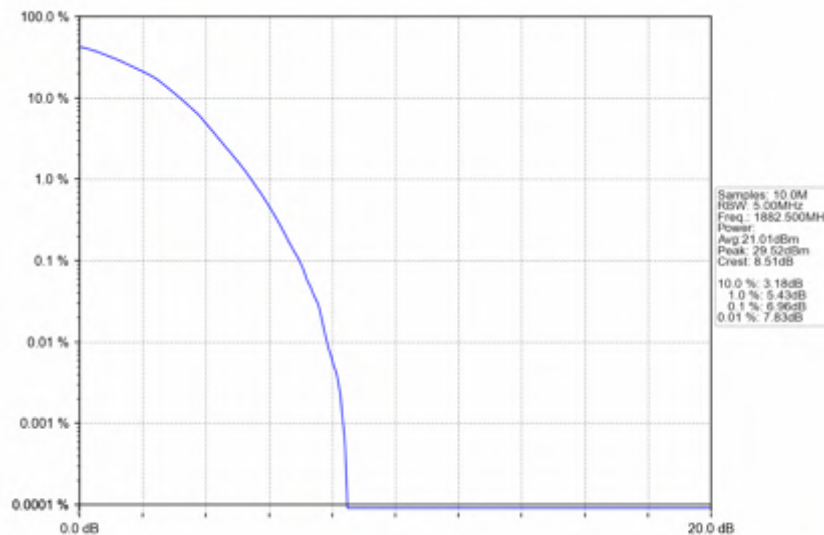


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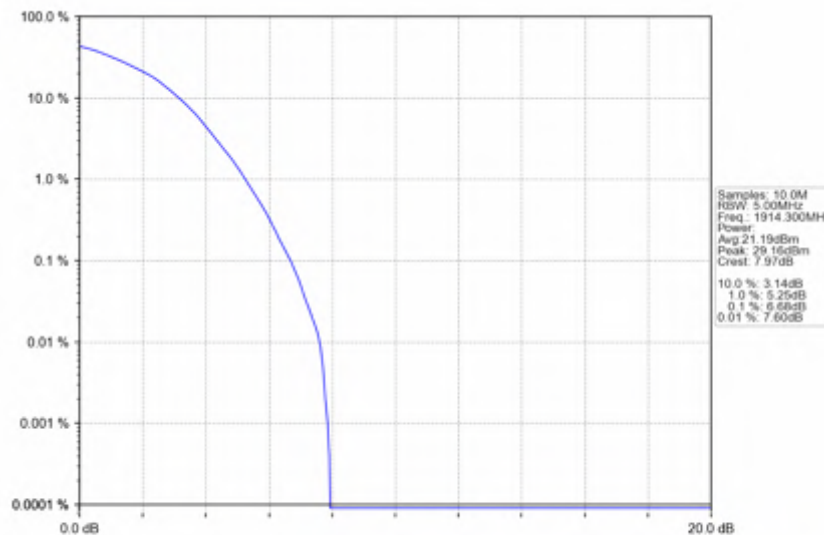
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

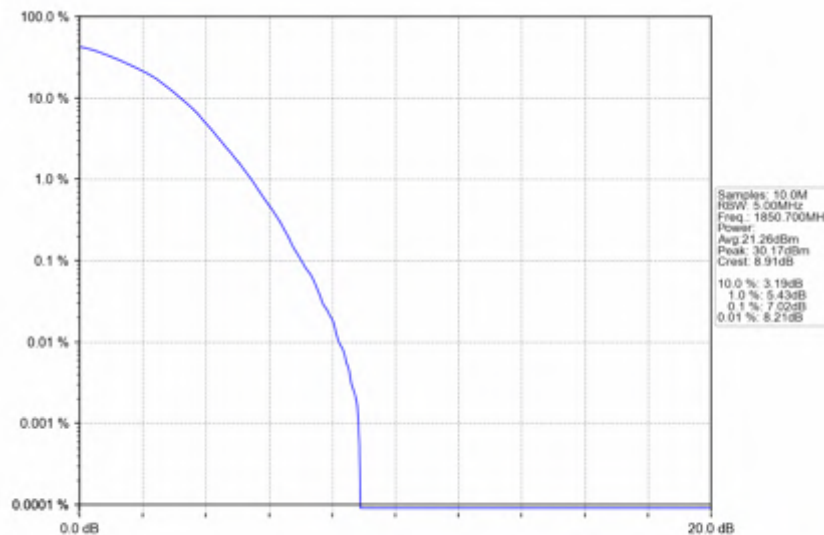


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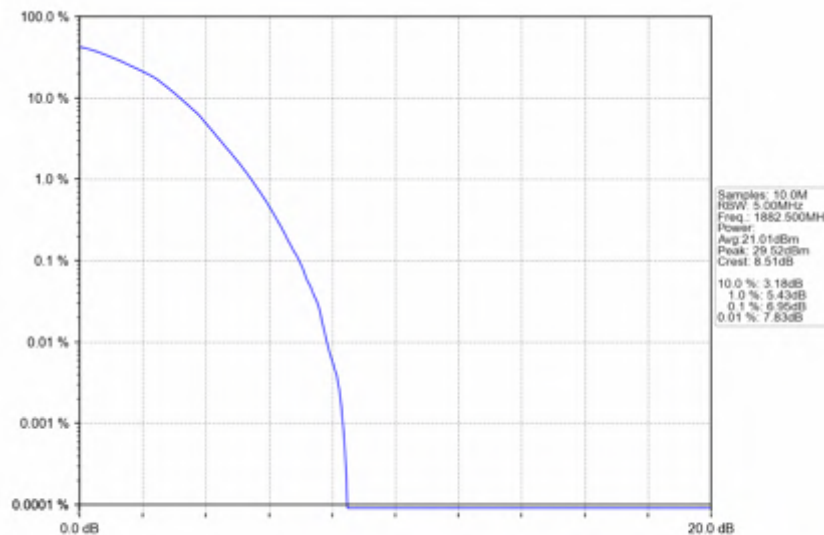
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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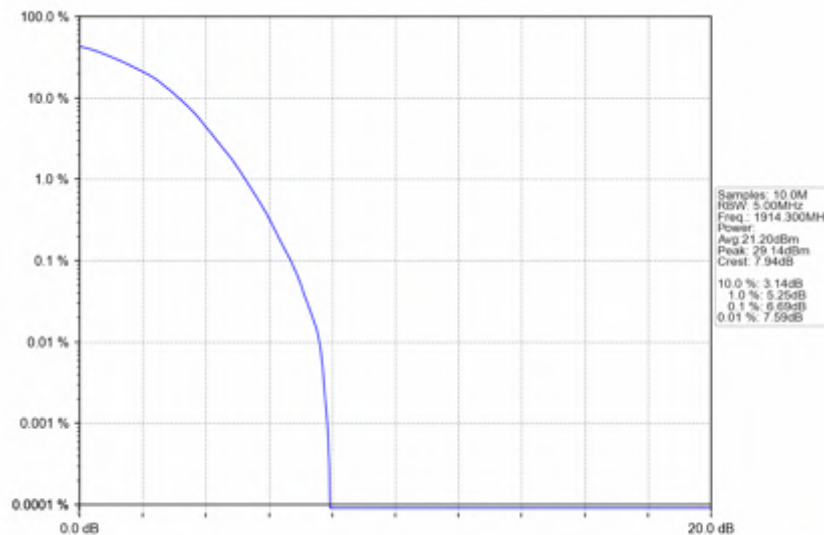
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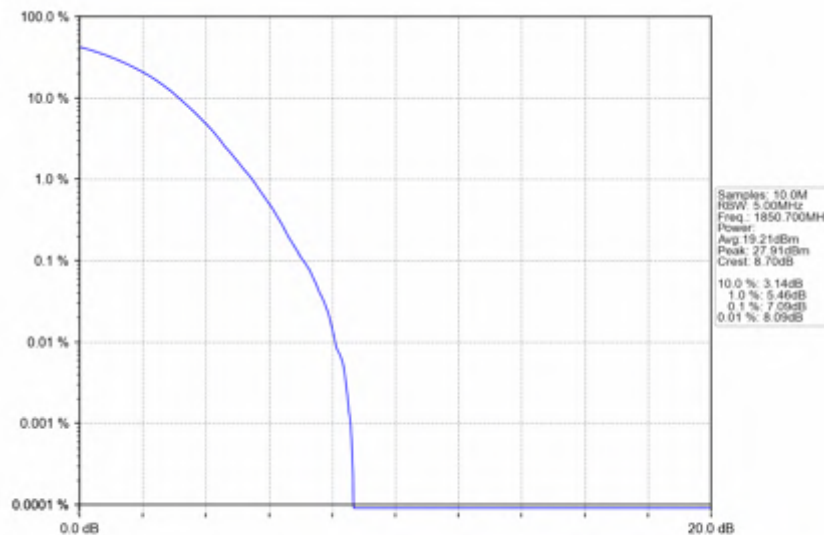
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Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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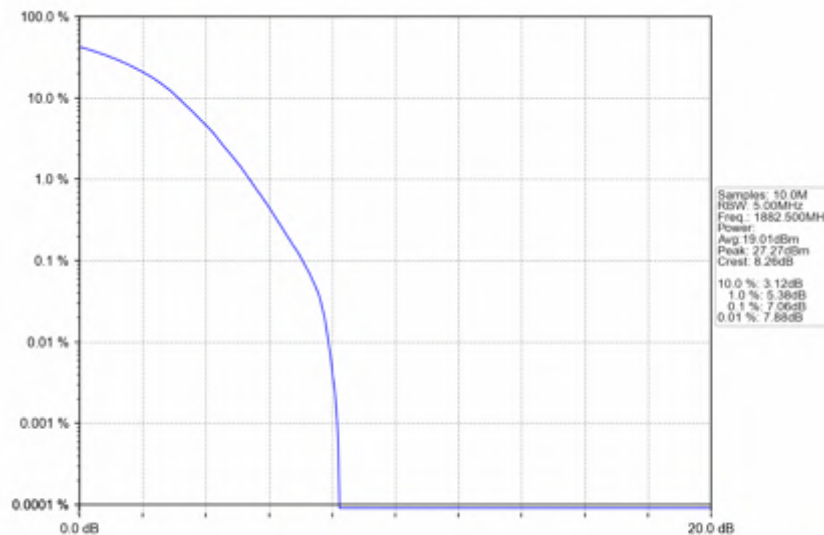
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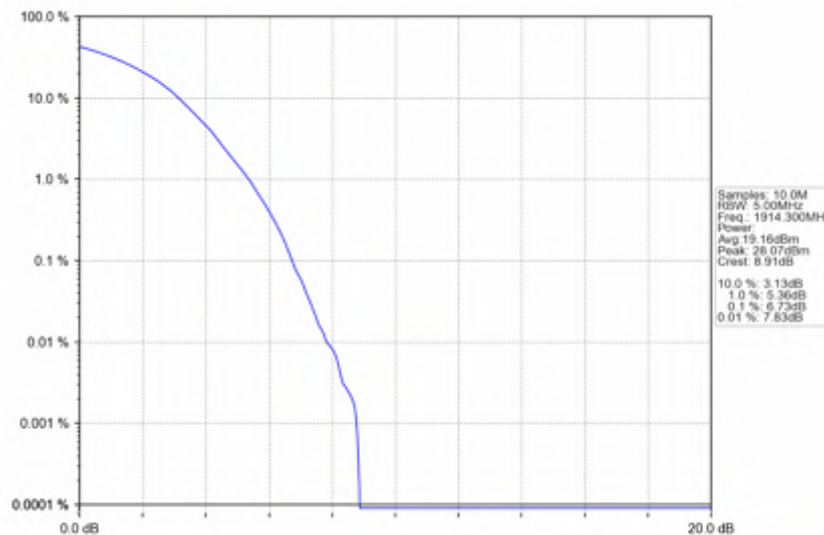
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Band25_1.4MHz_256QAM_HCH_1914.3MHz_RB_6_0_NTNV



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5.2 B25_3MHz

5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.85	<=13	Pass
	1882.5	15	0	6.92	<=13	Pass
	1913.5	15	0	6.79	<=13	Pass
16QAM	1851.5	15	0	6.64	<=13	Pass
	1882.5	15	0	6.91	<=13	Pass
	1913.5	15	0	6.79	<=13	Pass
64QAM	1851.5	15	0	6.94	<=13	Pass
	1882.5	15	0	6.91	<=13	Pass
	1913.5	15	0	6.80	<=13	Pass
256QAM	1851.5	15	0	7.13	<=13	Pass
	1882.5	15	0	7.00	<=13	Pass
	1913.5	15	0	6.87	<=13	Pass



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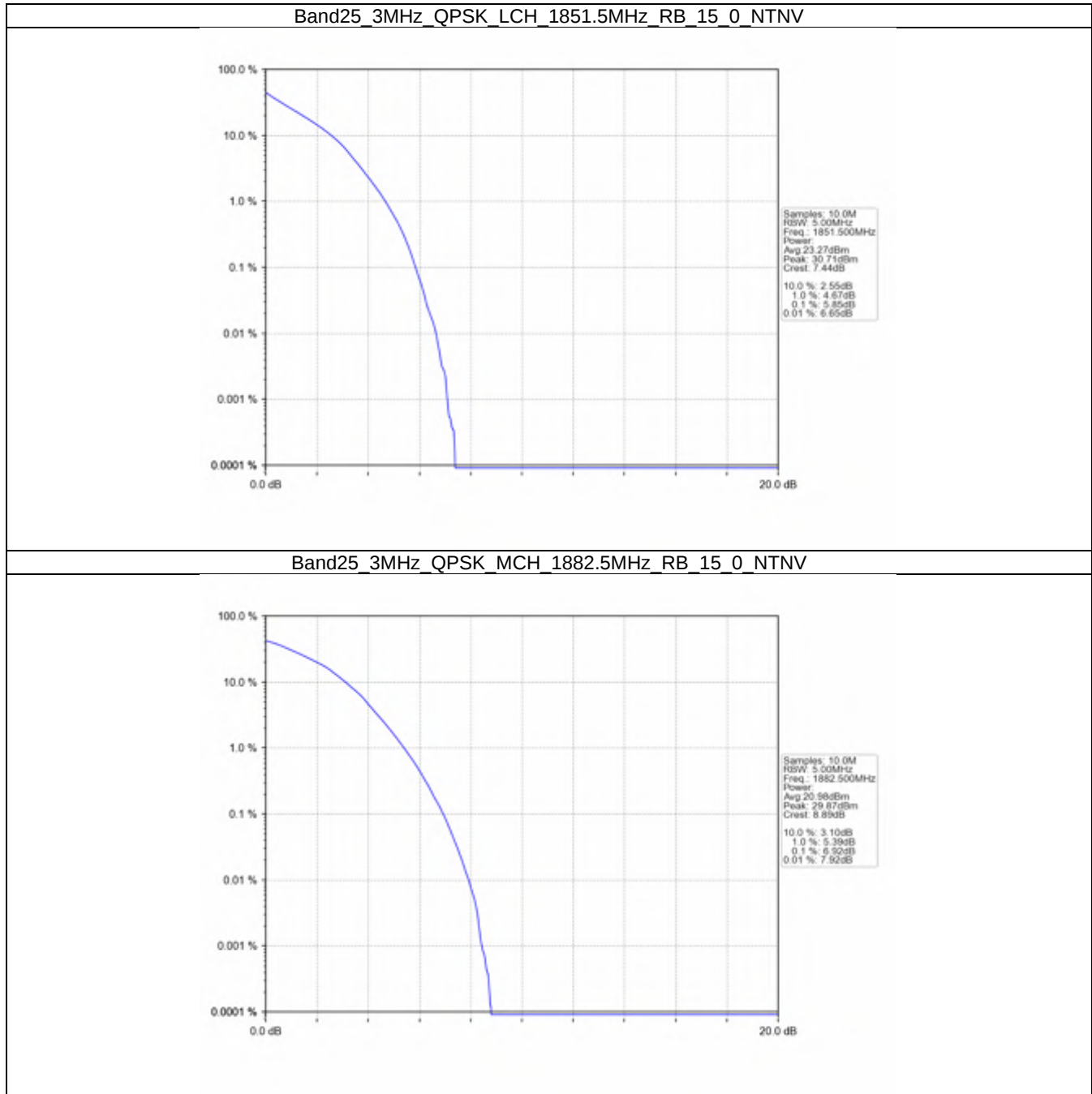
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5.2.2 Test Graph



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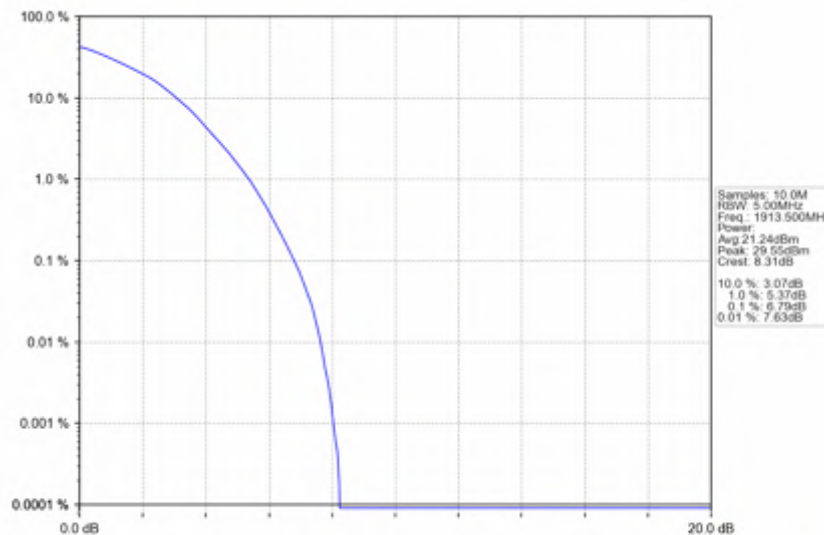
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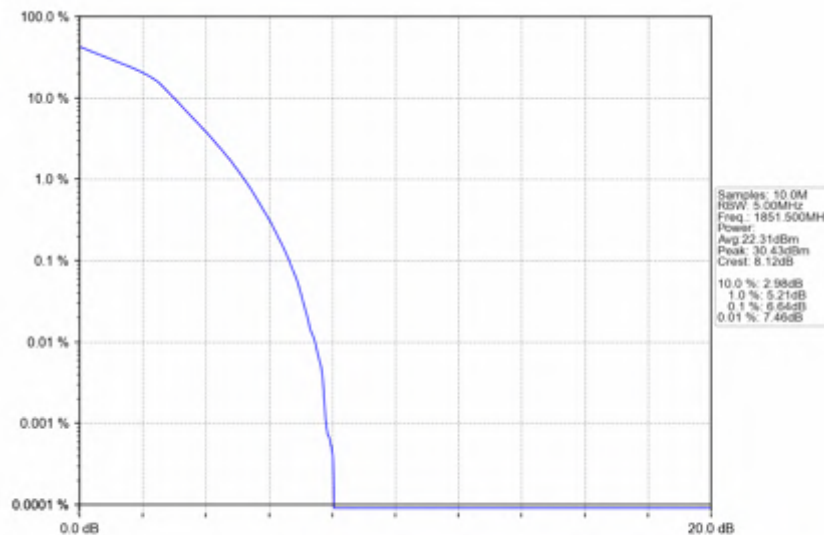
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



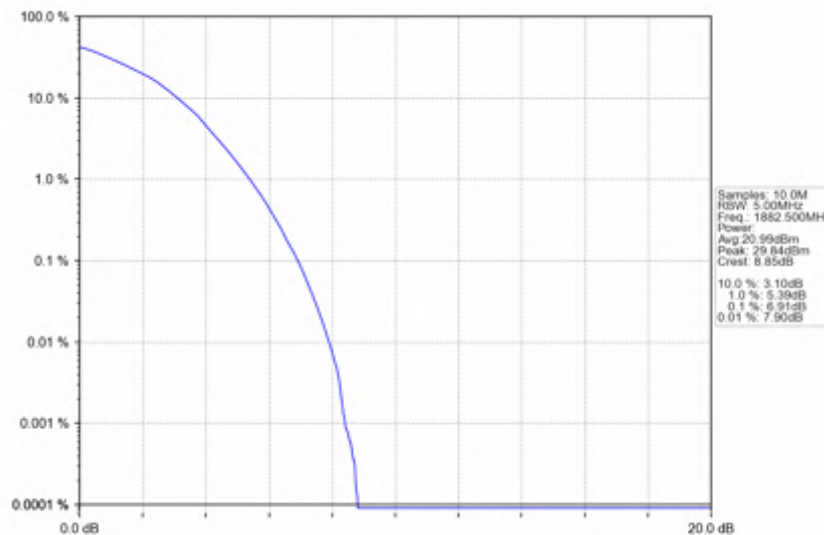
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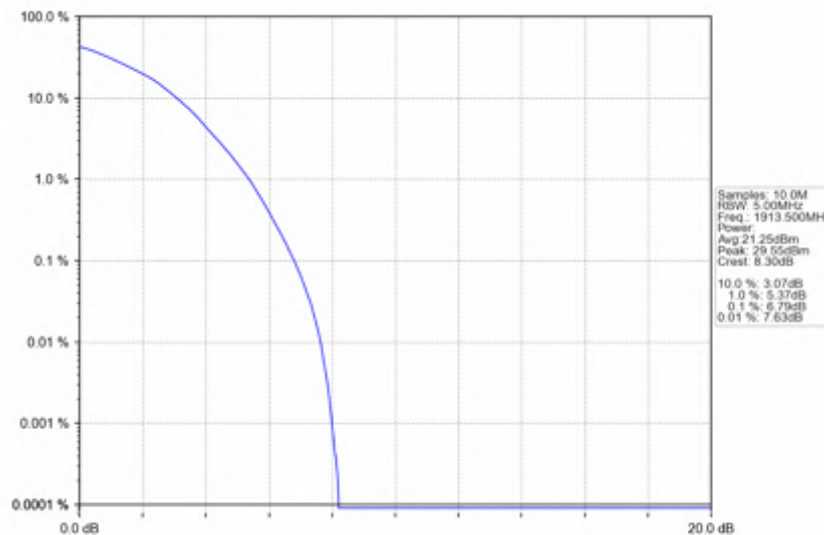
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

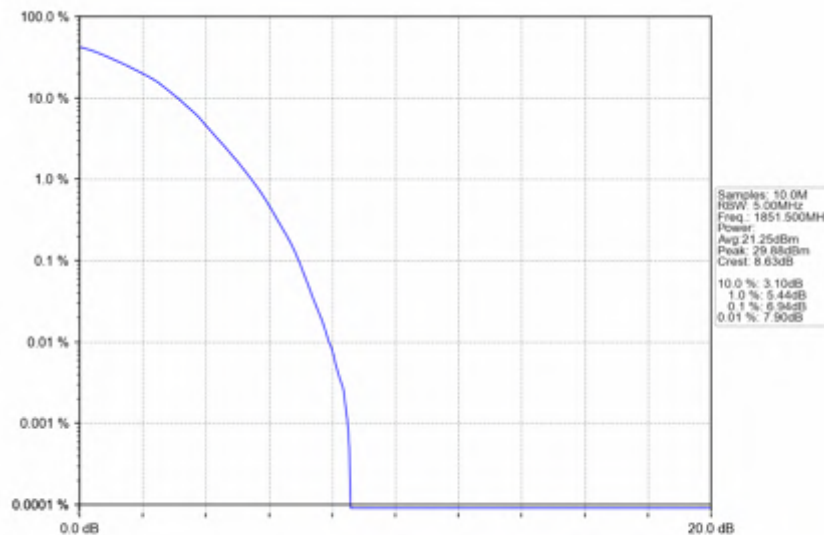


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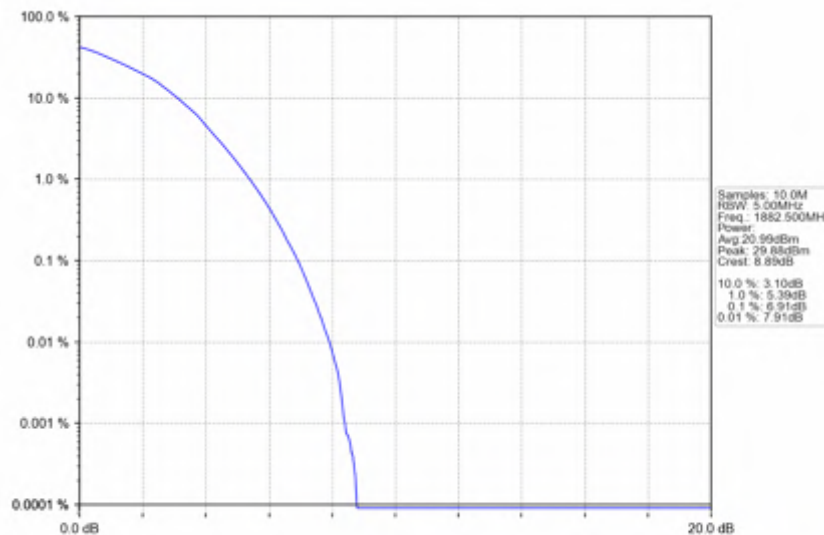
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Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV

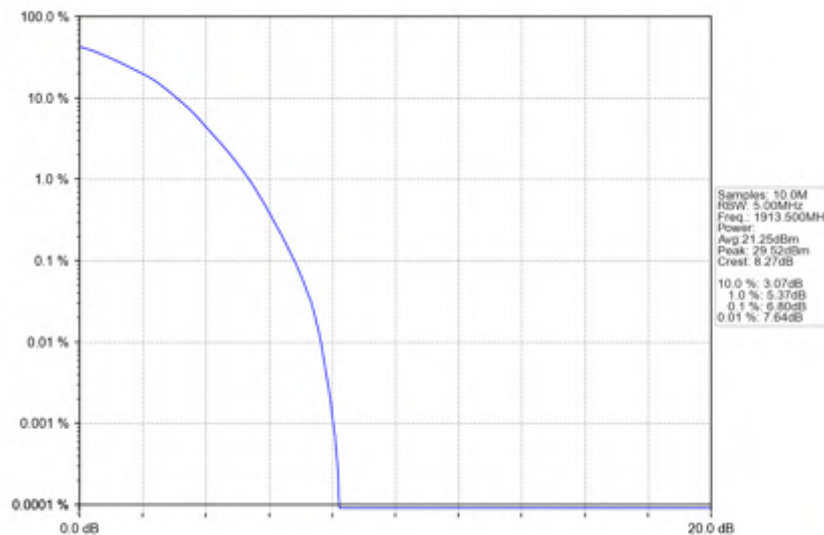


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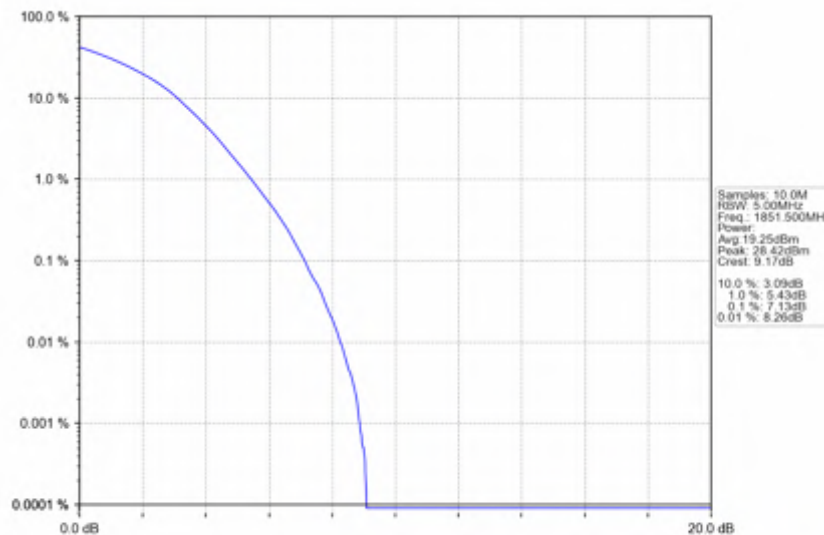
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Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV

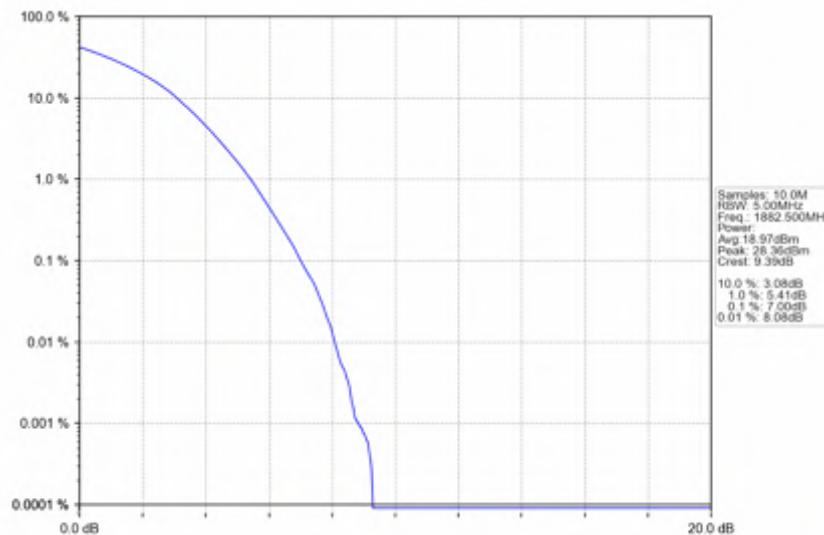


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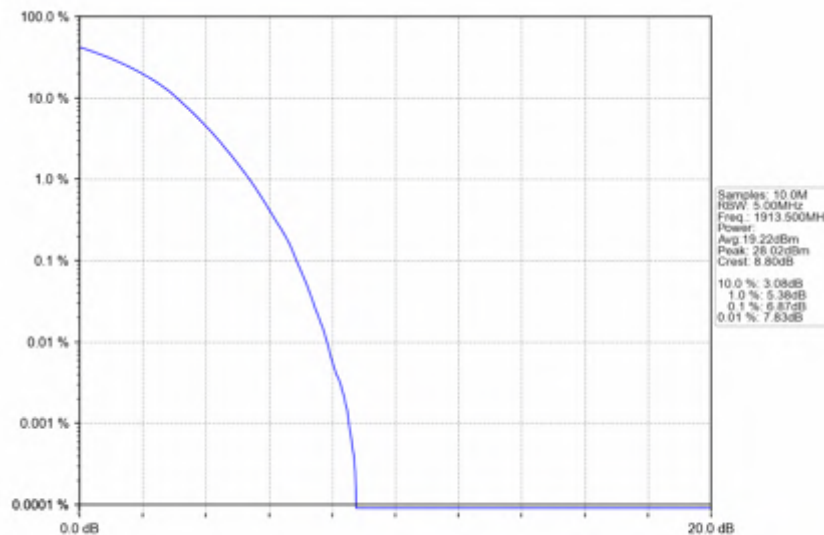
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5.3 B25_5MHz

5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.86	<=13	Pass
	1882.5	25	0	6.81	<=13	Pass
	1912.5	25	0	6.73	<=13	Pass
16QAM	1852.5	25	0	6.53	<=13	Pass
	1882.5	25	0	6.80	<=13	Pass
	1912.5	25	0	6.75	<=13	Pass
64QAM	1852.5	25	0	6.75	<=13	Pass
	1882.5	25	0	6.81	<=13	Pass
	1912.5	25	0	6.73	<=13	Pass
256QAM	1852.5	25	0	6.89	<=13	Pass
	1882.5	25	0	6.98	<=13	Pass
	1912.5	25	0	6.93	<=13	Pass



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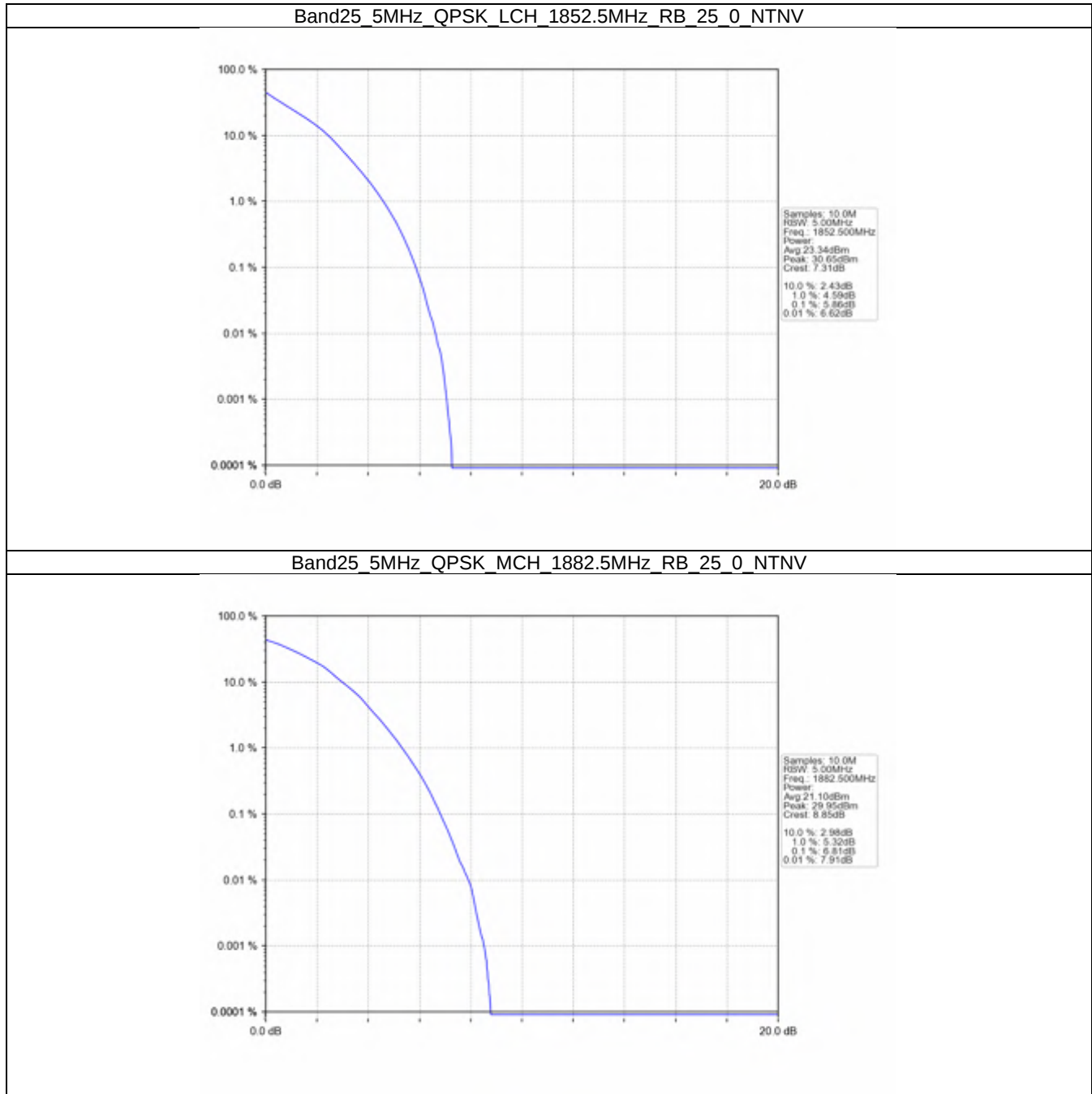
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5.3.2 Test Graph



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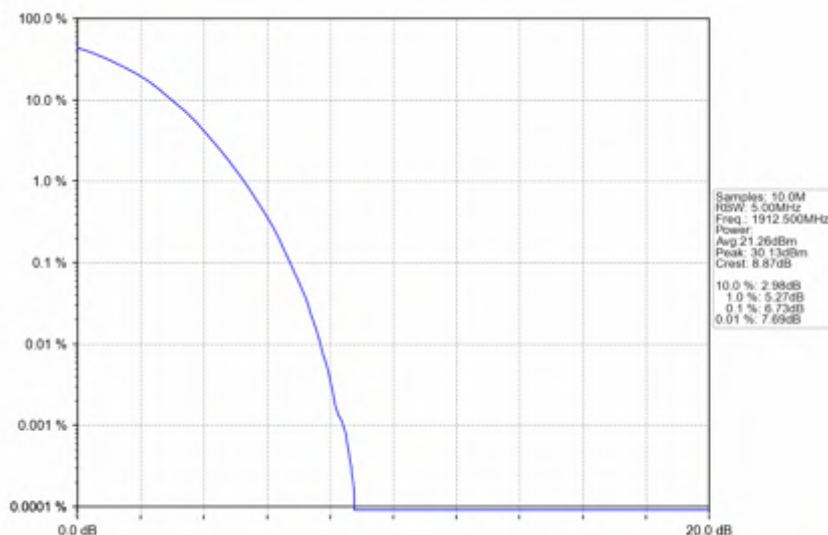
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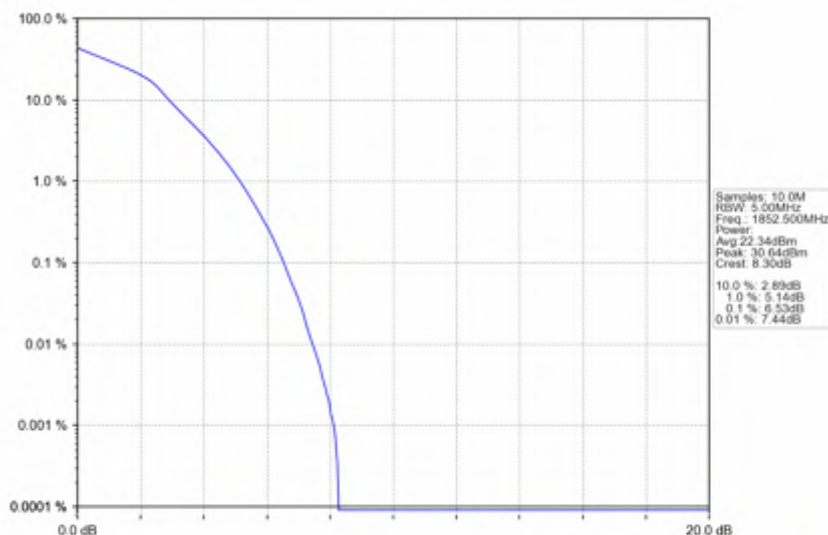
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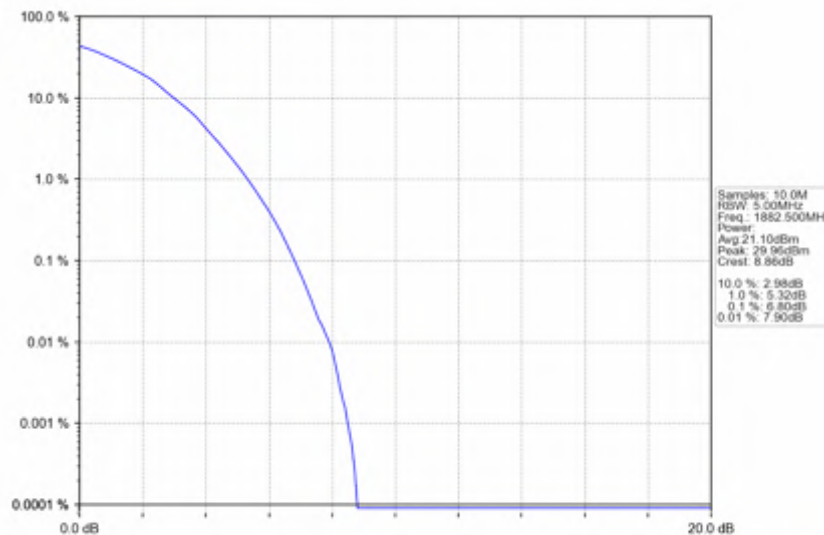


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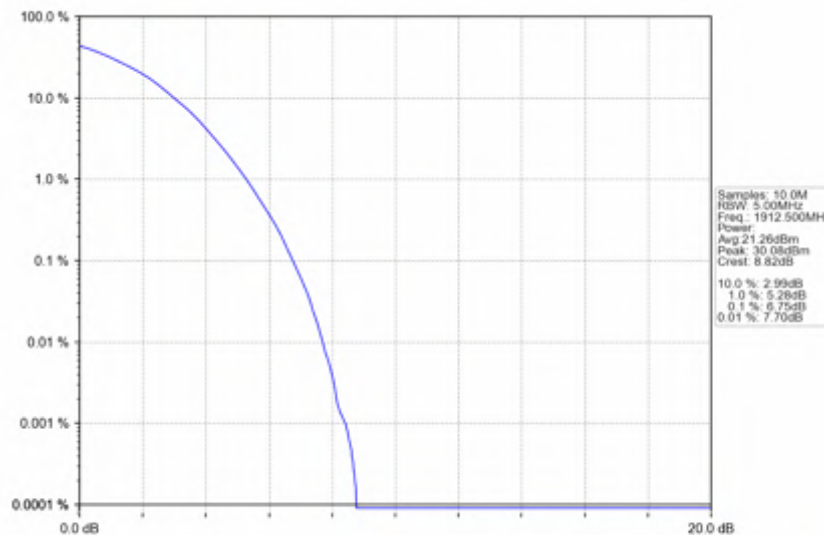
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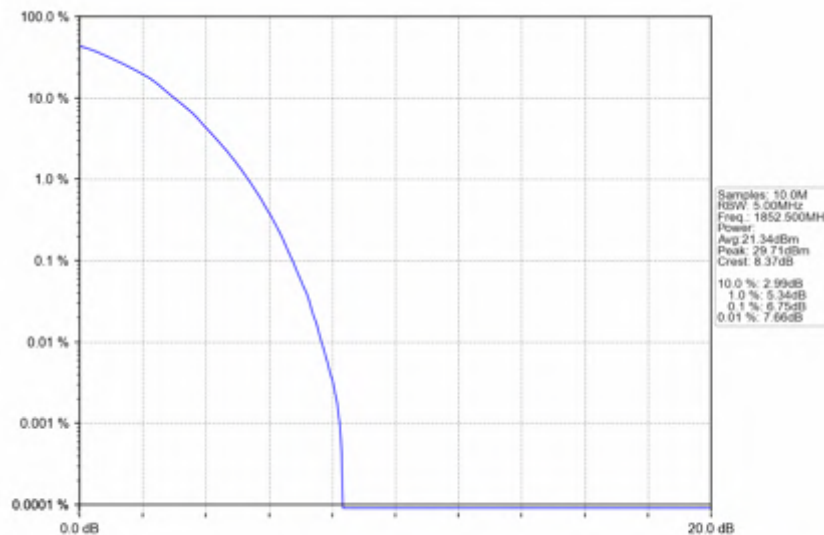


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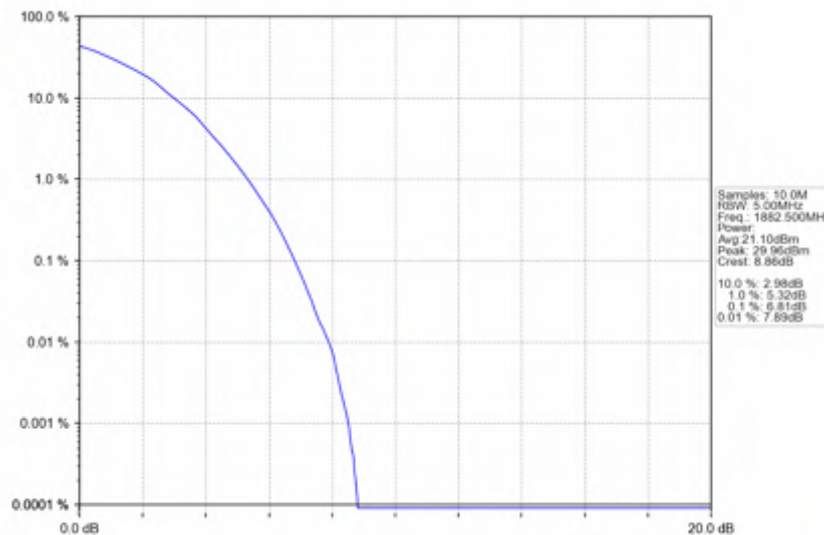
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Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV

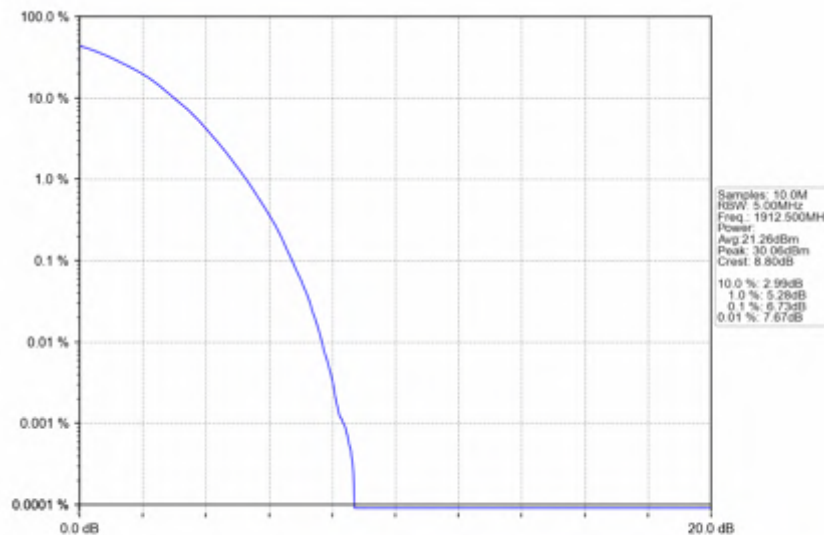


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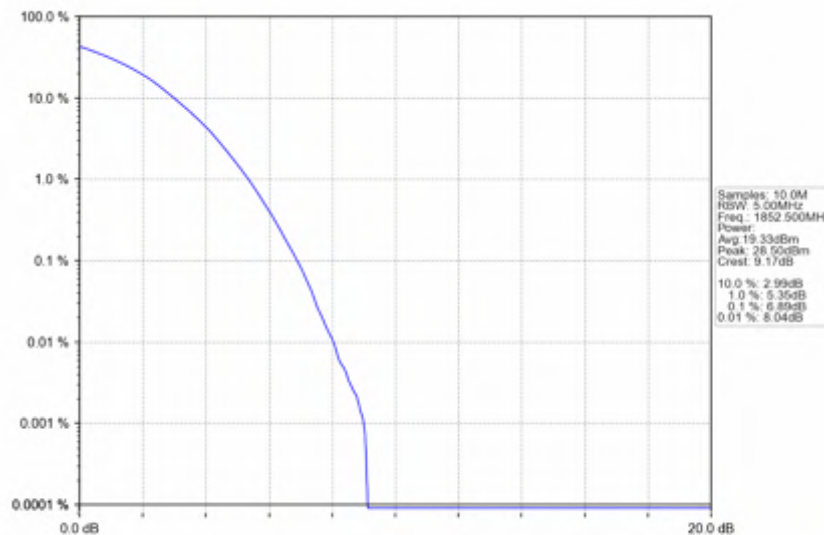
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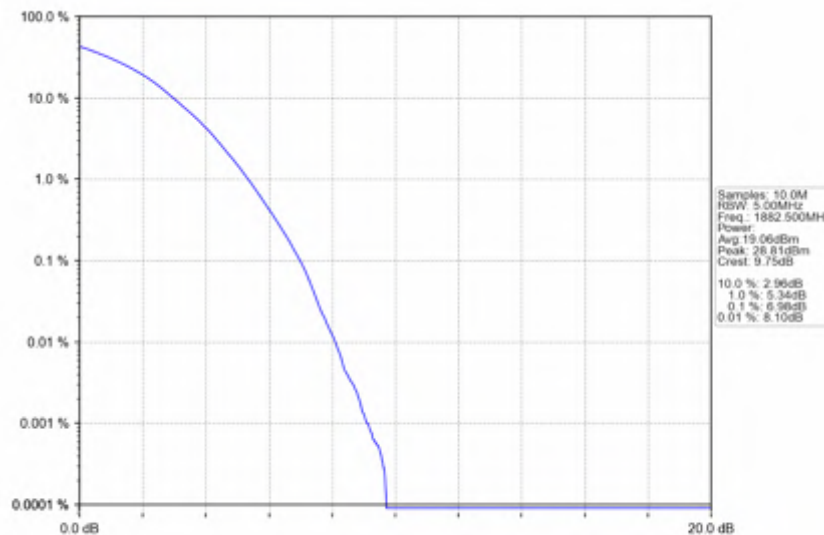
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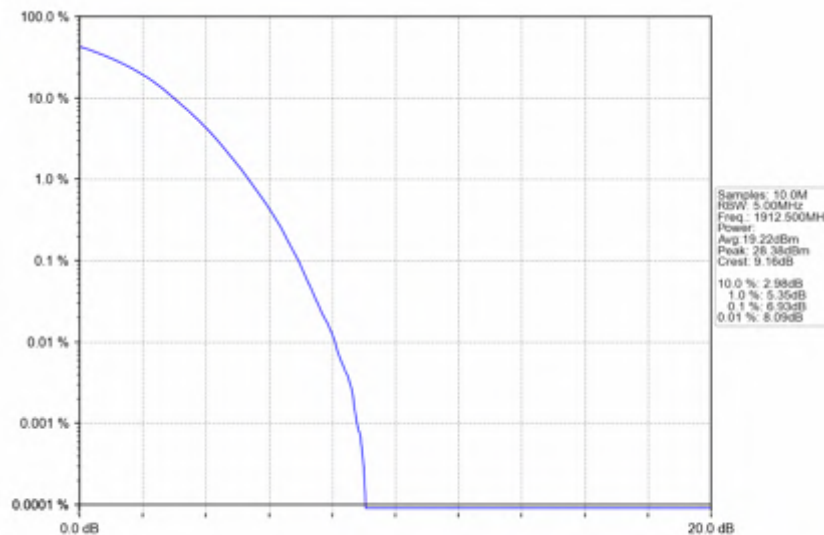
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5.4 B25_10MHz

5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.38	<=13	Pass
	1882.5	50	0	6.75	<=13	Pass
	1910	50	0	6.77	<=13	Pass
16QAM	1855	50	0	6.56	<=13	Pass
	1882.5	50	0	6.75	<=13	Pass
	1910	50	0	6.78	<=13	Pass
64QAM	1855	50	0	6.80	<=13	Pass
	1882.5	50	0	6.75	<=13	Pass
	1910	50	0	6.77	<=13	Pass
256QAM	1855	50	0	6.83	<=13	Pass
	1882.5	50	0	6.79	<=13	Pass
	1910	50	0	6.86	<=13	Pass



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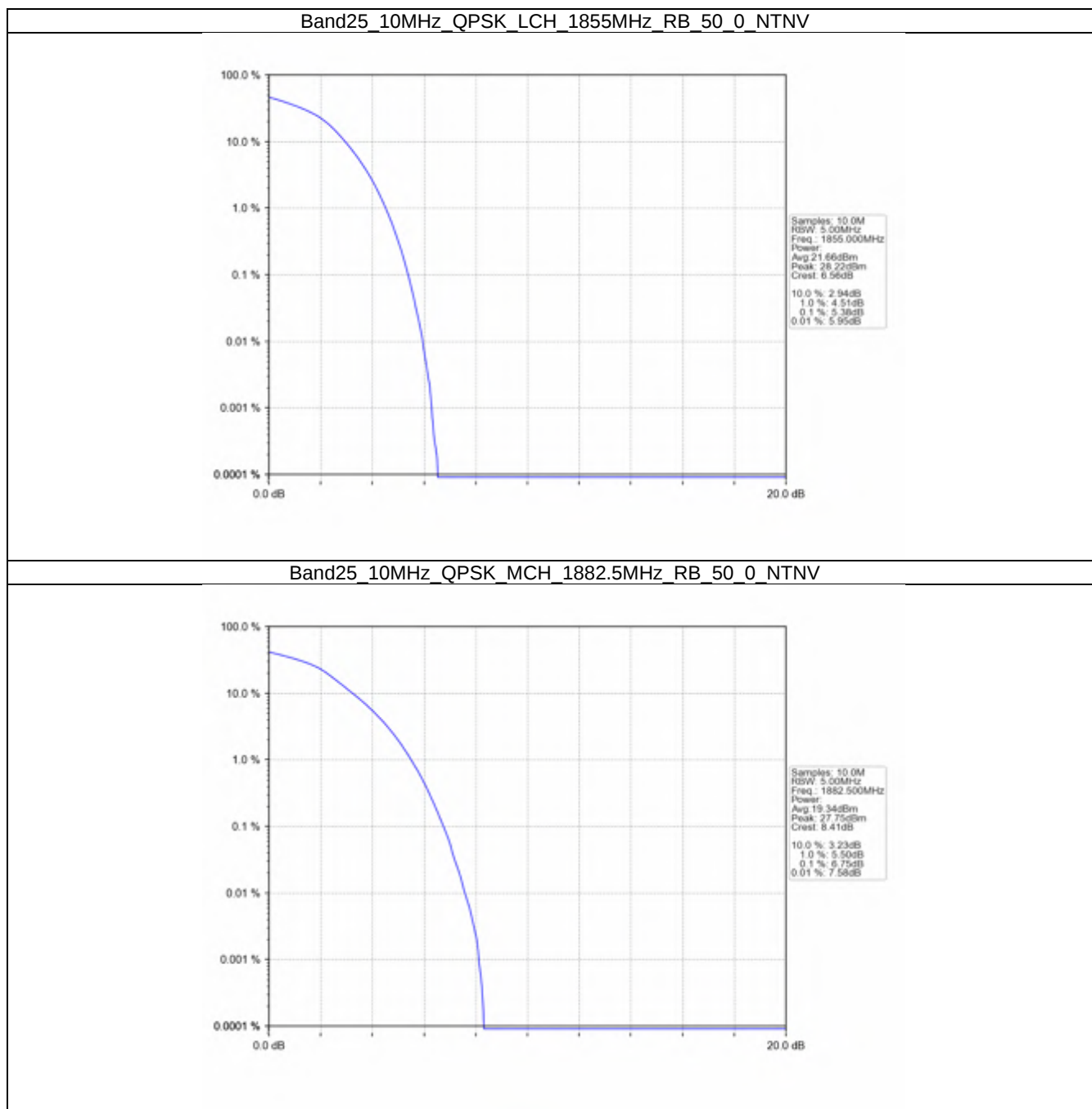
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5.4.2 Test Graph



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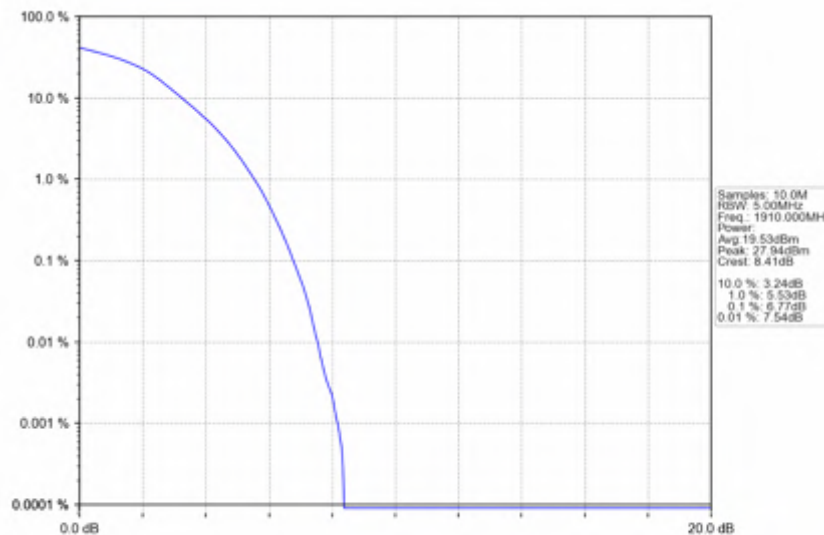
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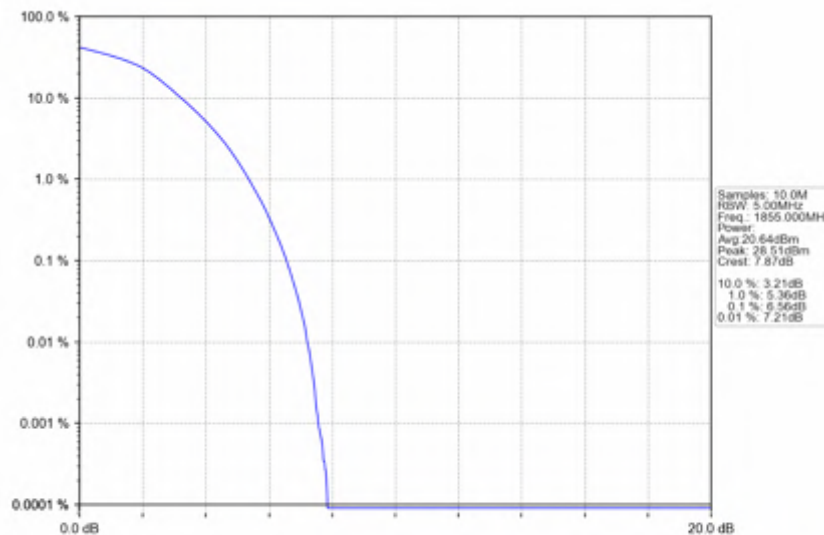
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Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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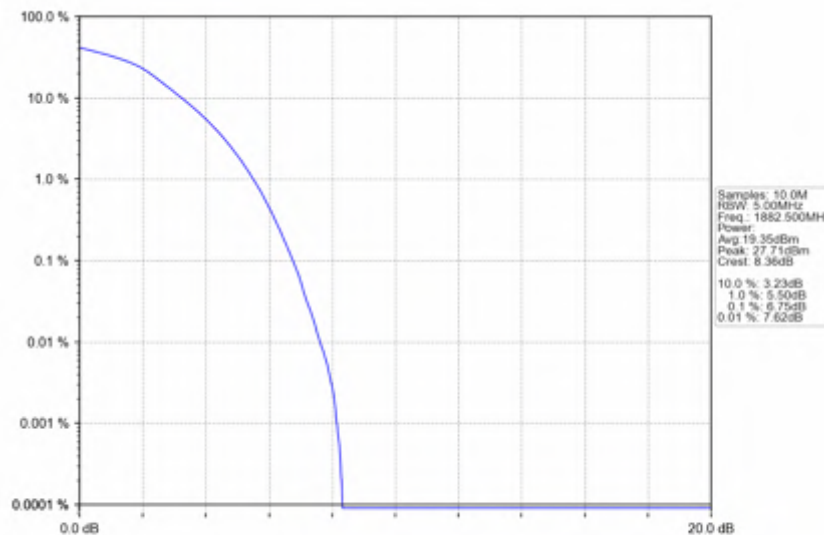
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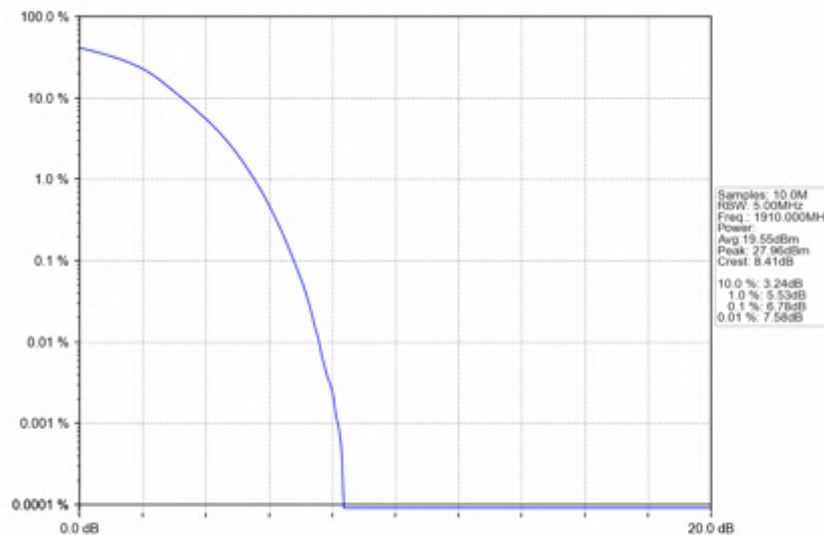
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Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



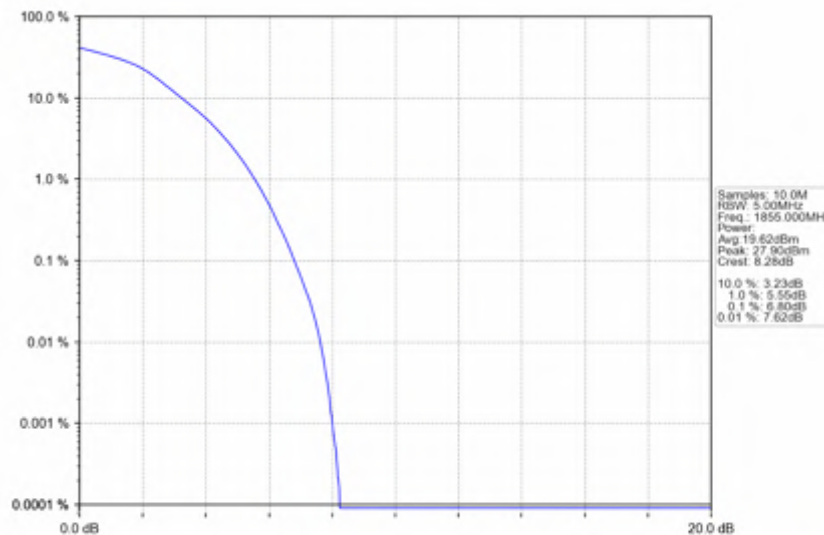
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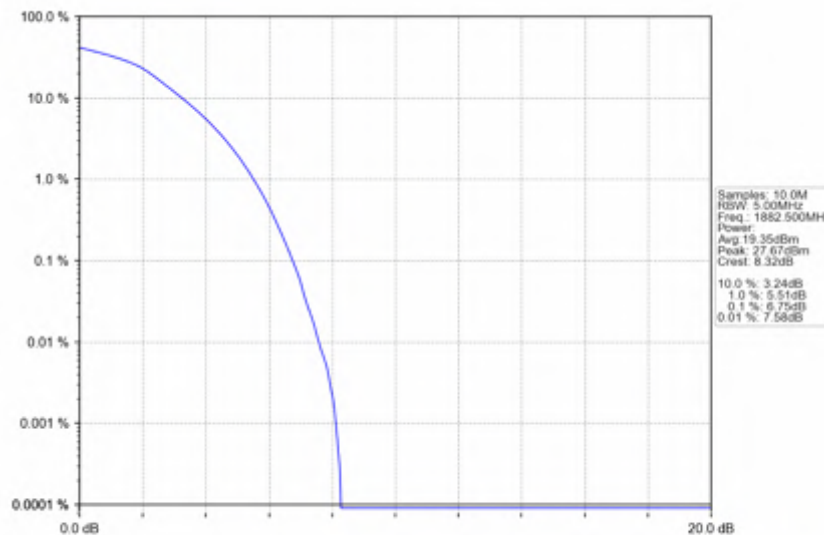
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Band25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



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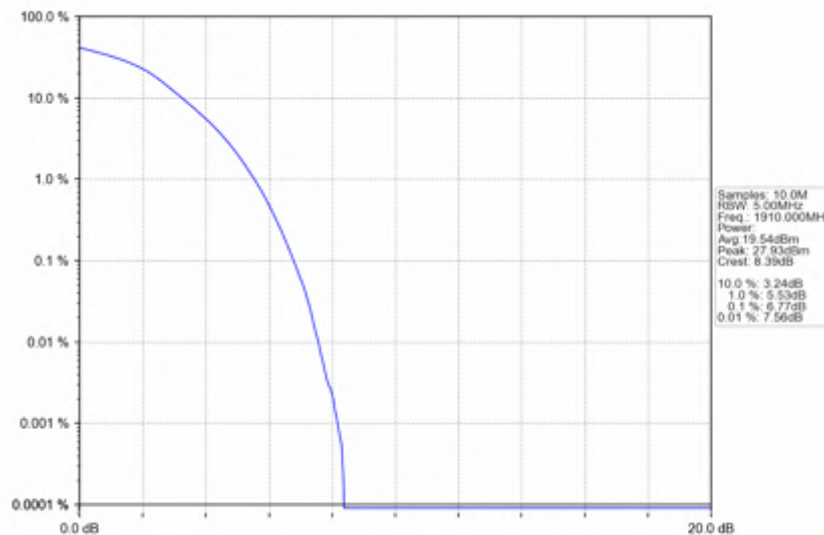
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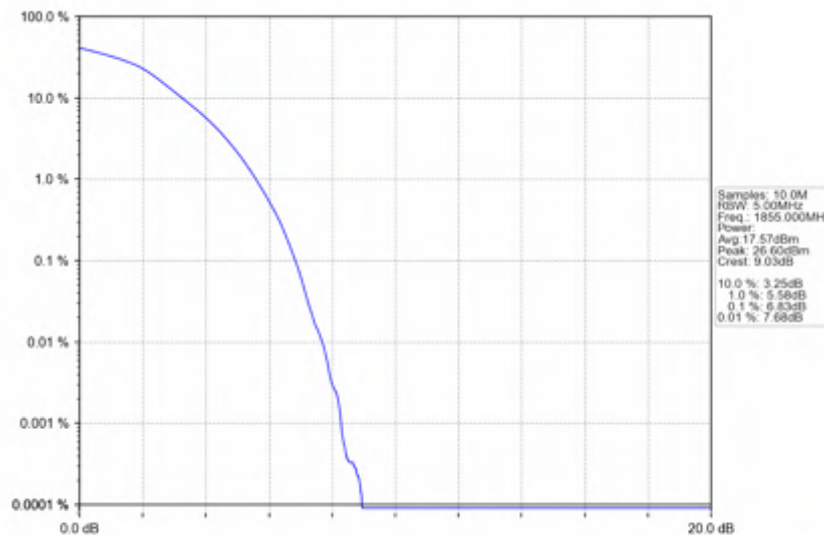
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Band25_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV

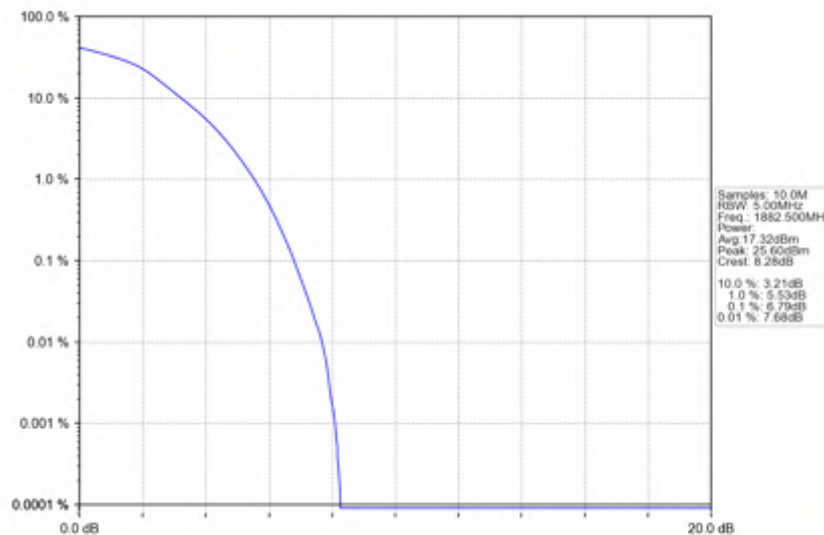


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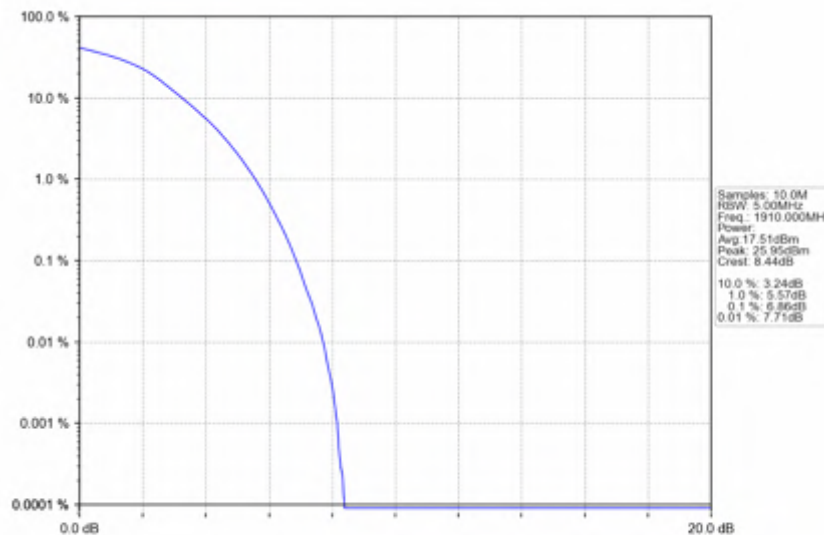
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Band25_10MHz_256QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_256QAM_HCH_1910MHz_RB_50_0_NTNV



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5.5 B25_15MHz

5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	6.29	<=13	Pass
	1882.5	75	0	7.17	<=13	Pass
	1907.5	75	0	7.19	<=13	Pass
16QAM	1857.5	75	0	6.99	<=13	Pass
	1882.5	75	0	7.16	<=13	Pass
	1907.5	75	0	7.18	<=13	Pass
64QAM	1857.5	75	0	7.24	<=13	Pass
	1882.5	75	0	7.17	<=13	Pass
	1907.5	75	0	7.18	<=13	Pass
256QAM	1857.5	75	0	7.22	<=13	Pass
	1882.5	75	0	7.25	<=13	Pass
	1907.5	75	0	7.27	<=13	Pass



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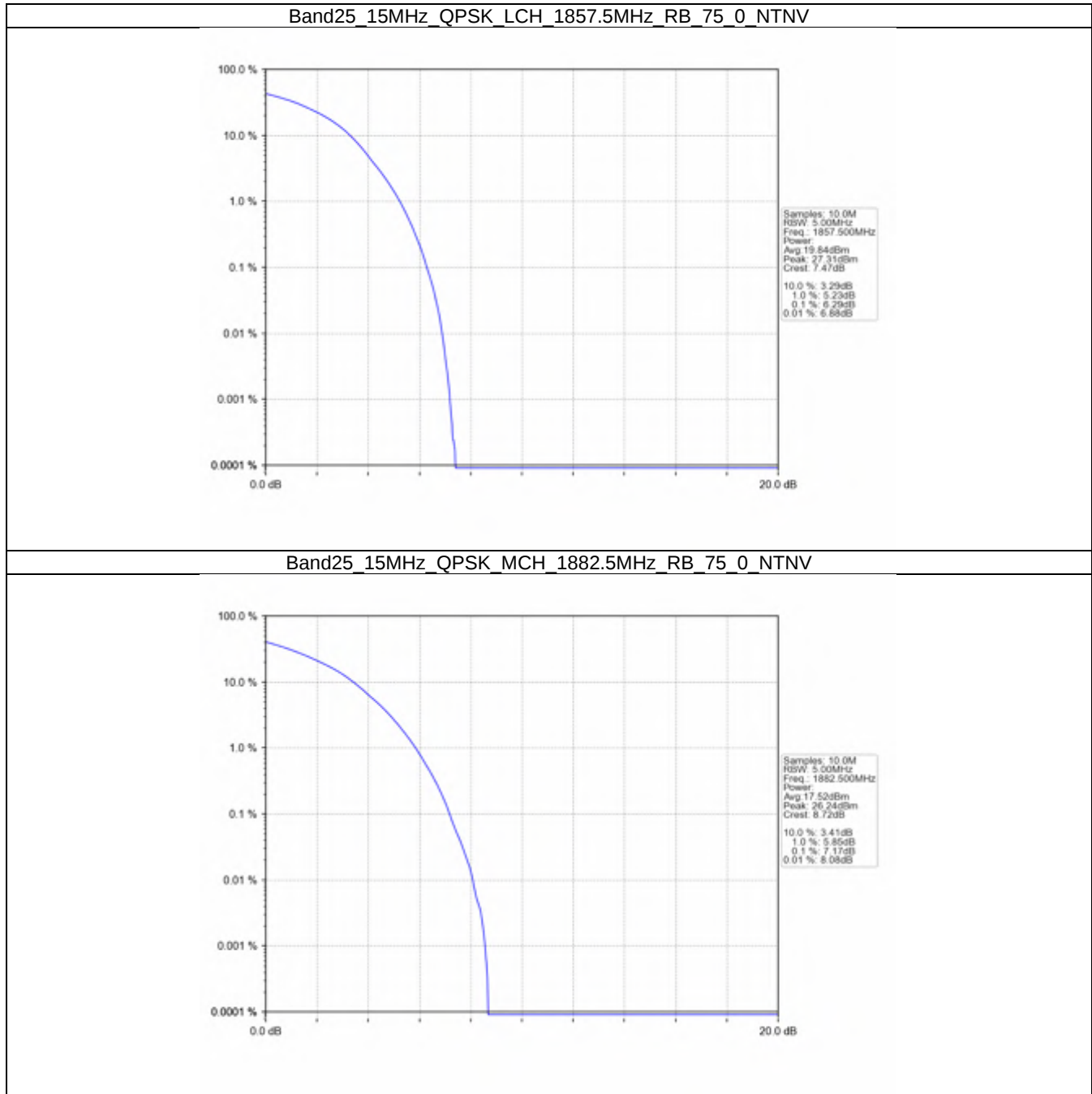
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5.5.2 Test Graph



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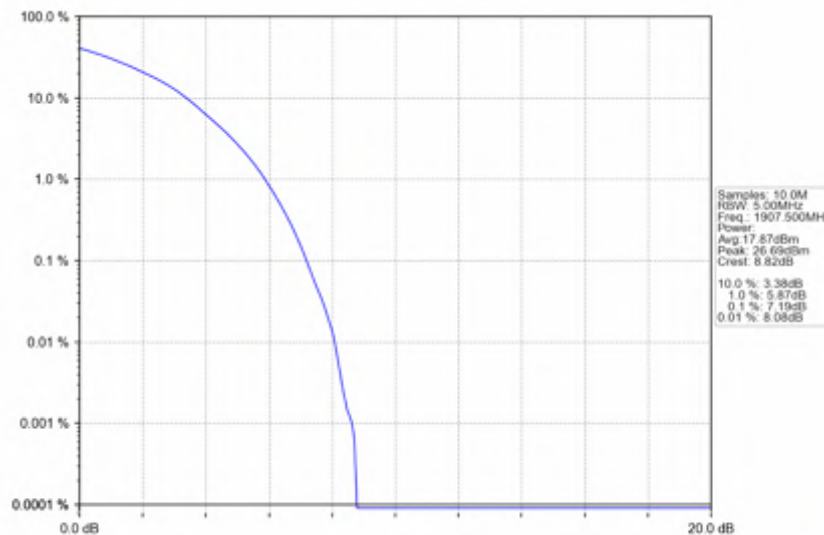
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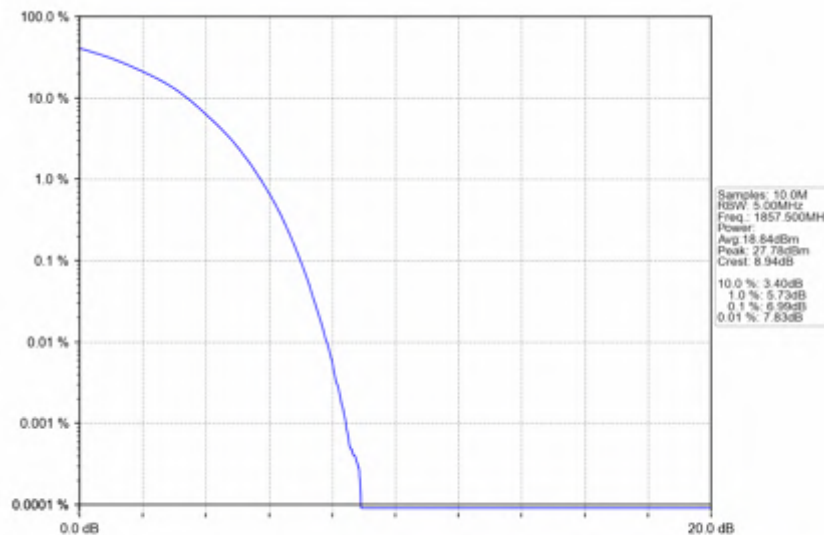
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



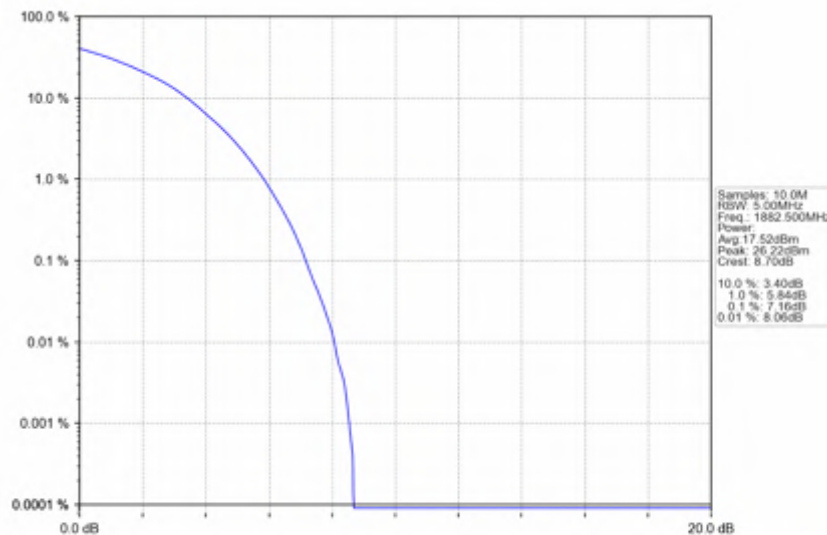
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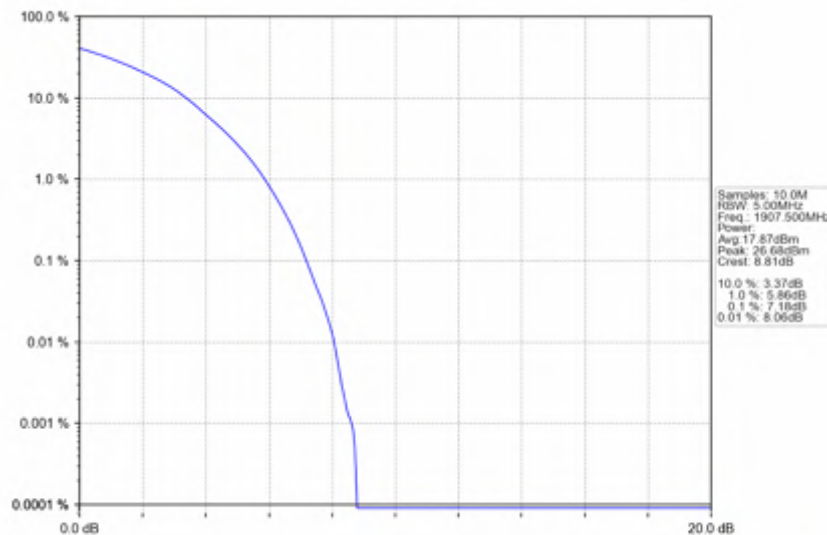
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Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



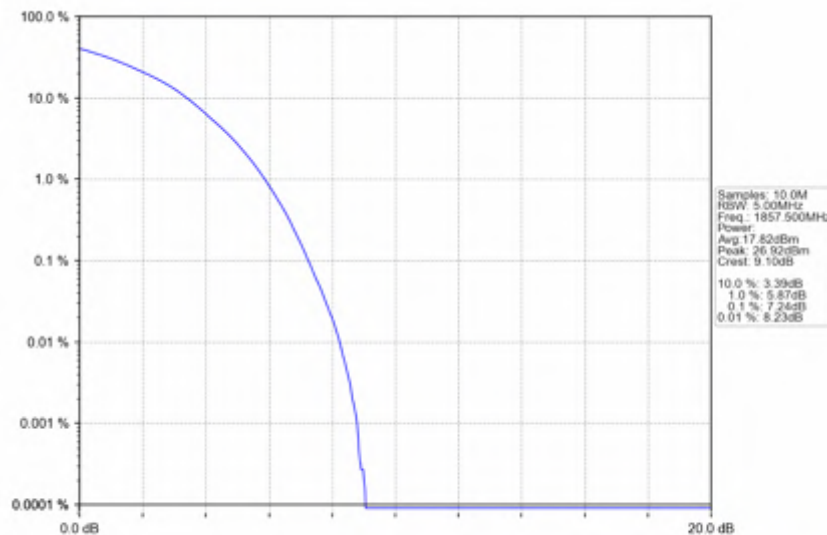
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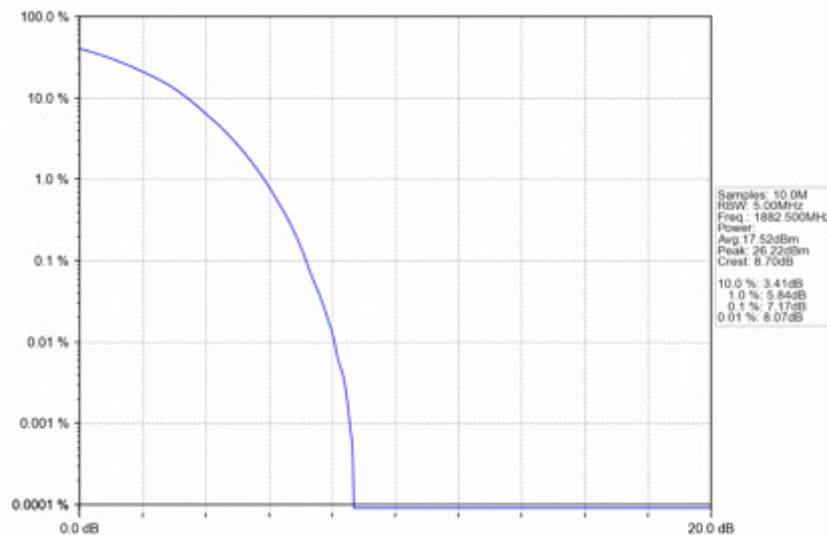
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Band25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



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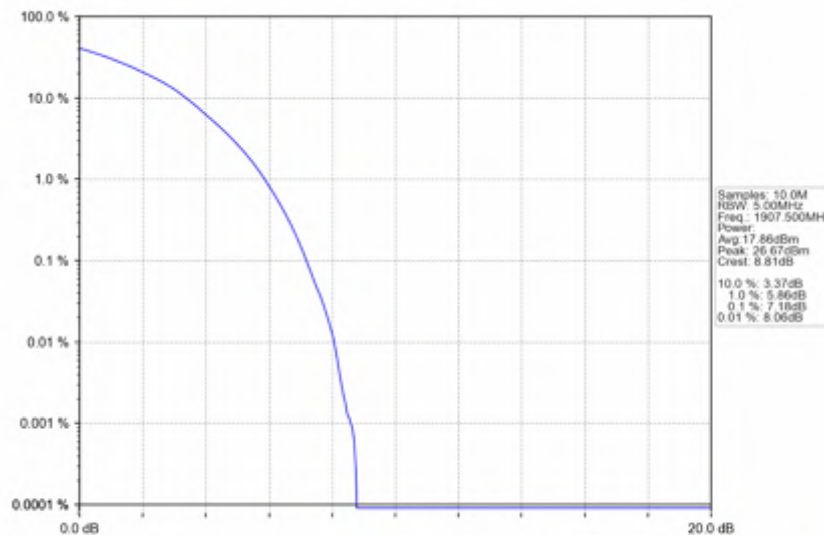
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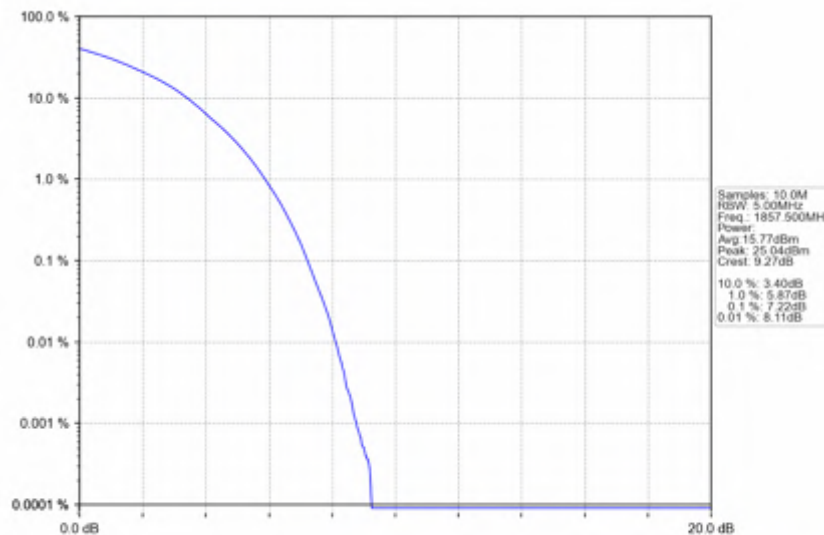
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Band25_15MHz_256QAM_LCH_1857.5MHz_RB_75_0_NTNV

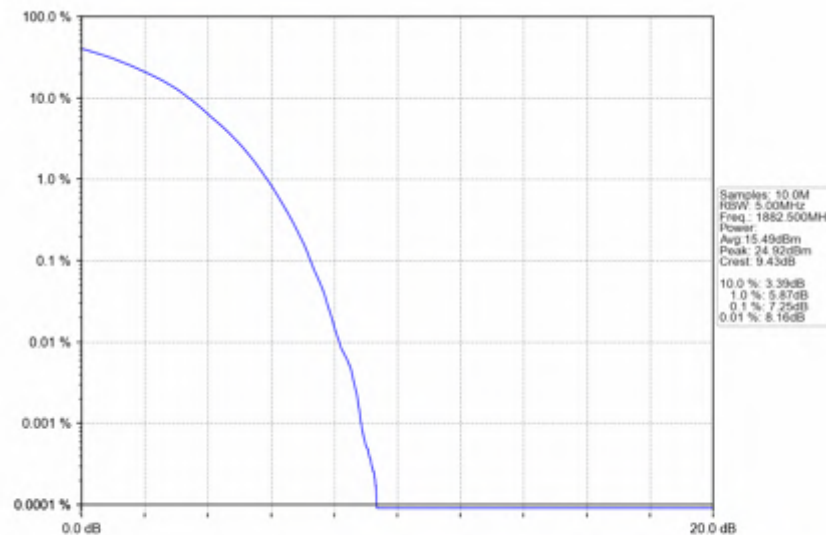


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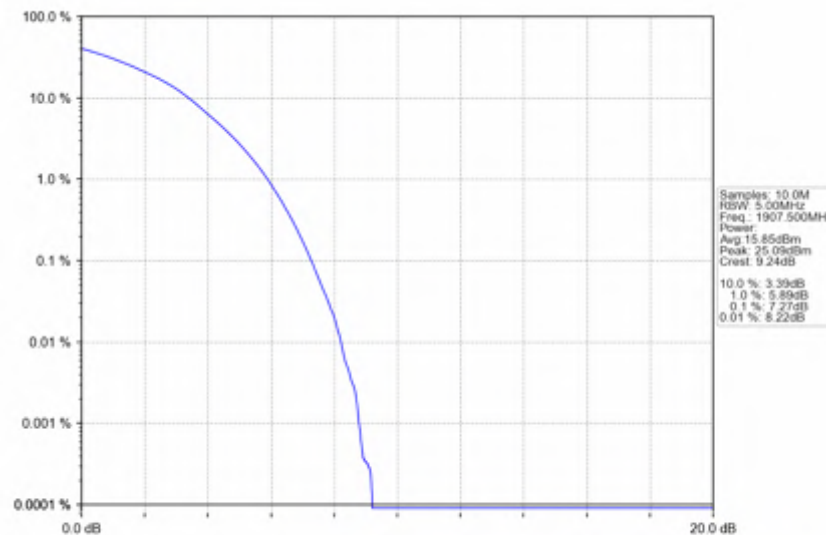
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Band25_15MHz_256QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_256QAM_HCH_1907.5MHz_RB_75_0_NTNV



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5.6 B25_20MHz

5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	6.86	<=13	Pass
	1882.5	100	0	7.45	<=13	Pass
	1905	100	0	7.44	<=13	Pass
16QAM	1860	100	0	7.42	<=13	Pass
	1882.5	100	0	7.46	<=13	Pass
	1905	100	0	7.44	<=13	Pass
64QAM	1860	100	0	7.47	<=13	Pass
	1882.5	100	0	7.44	<=13	Pass
	1905	100	0	7.44	<=13	Pass
256QAM	1860	100	0	7.54	<=13	Pass
	1882.5	100	0	7.43	<=13	Pass
	1905	100	0	7.49	<=13	Pass



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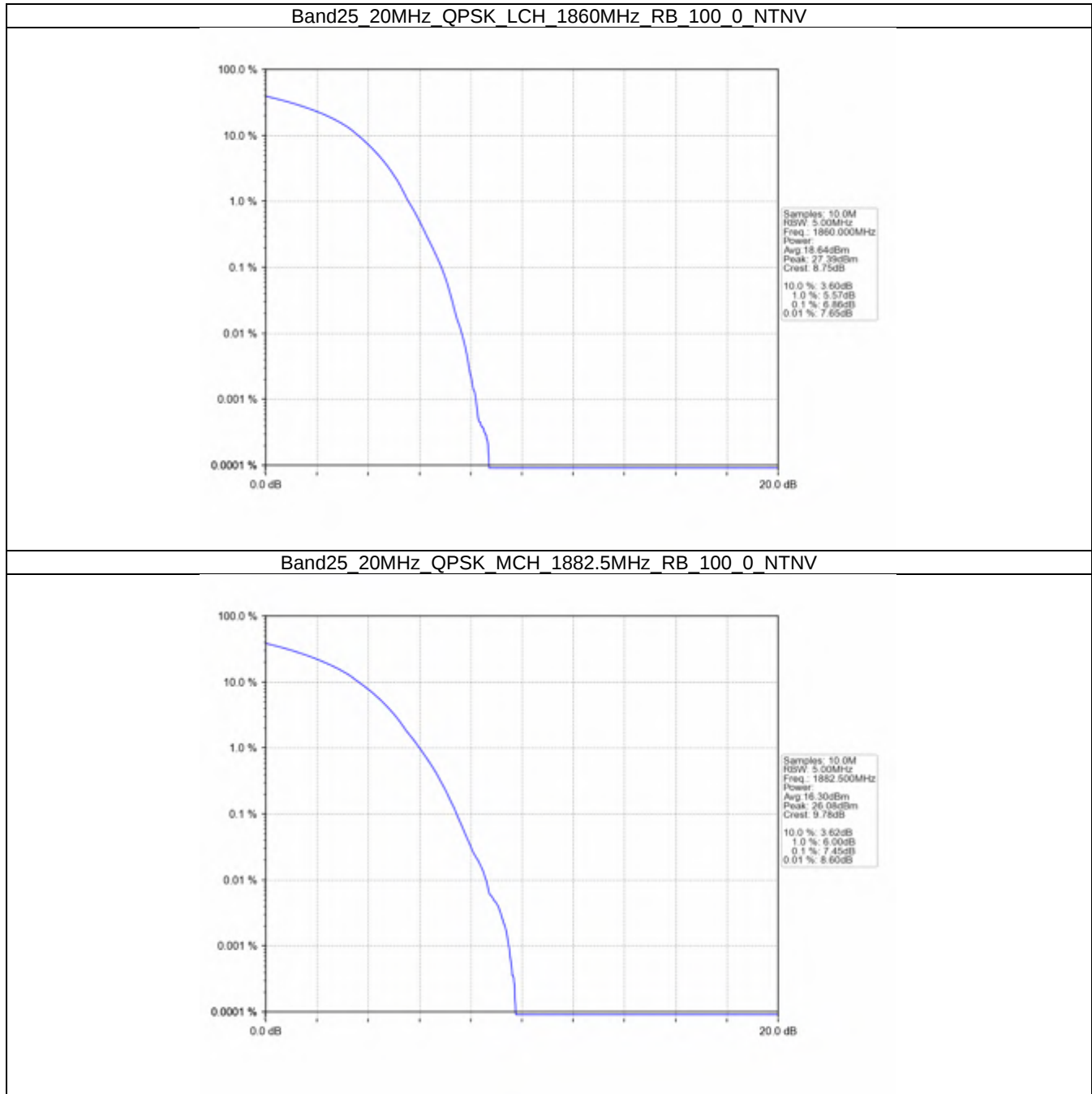
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5.6.2 Test Graph



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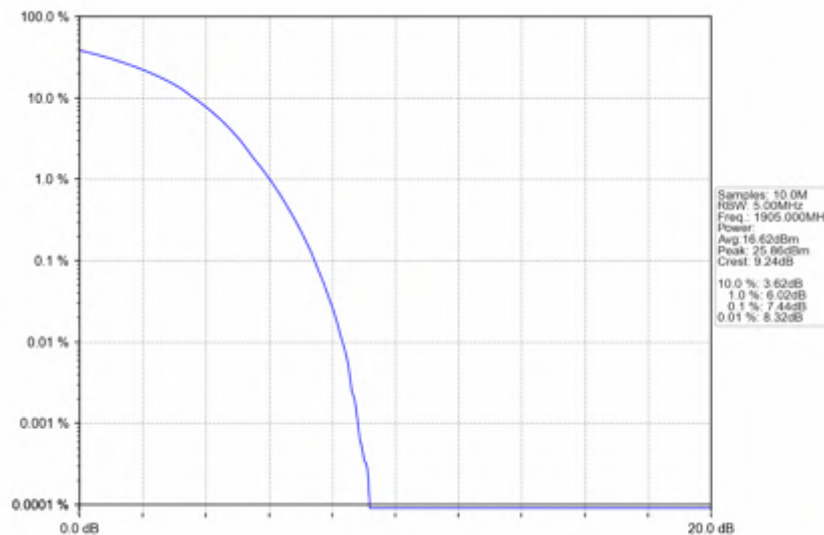
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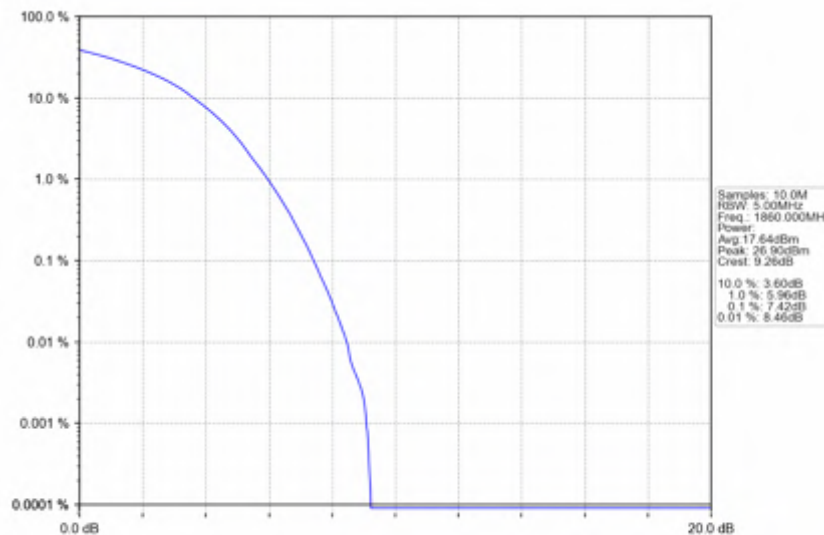
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Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

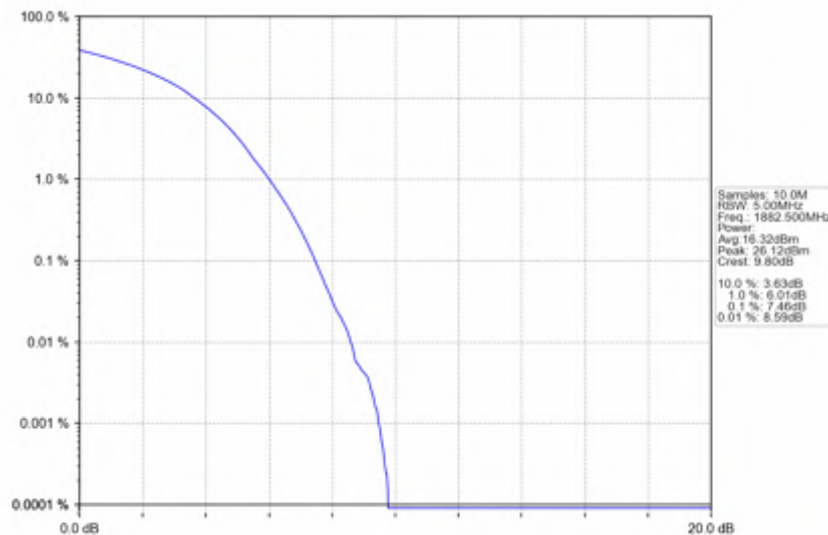


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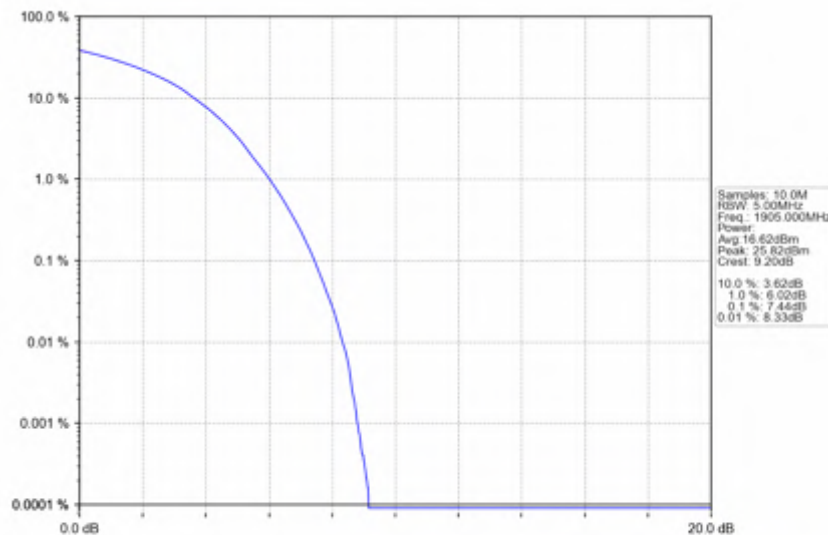
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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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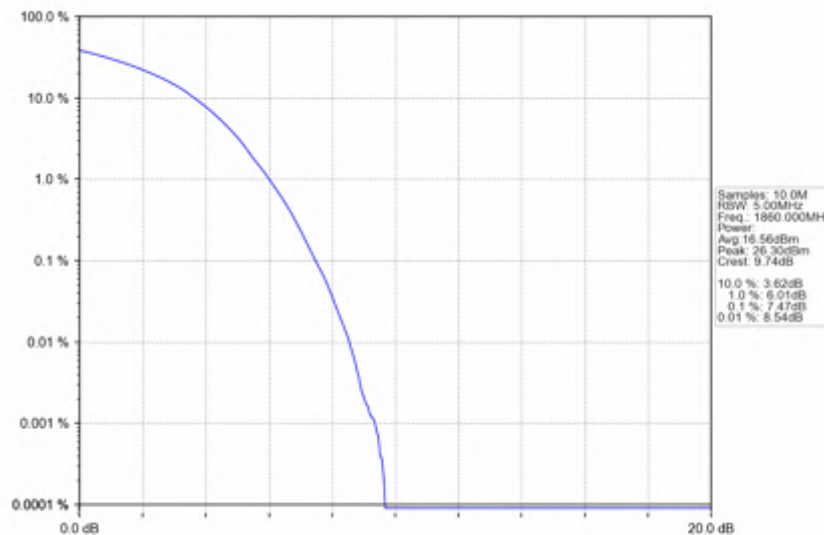
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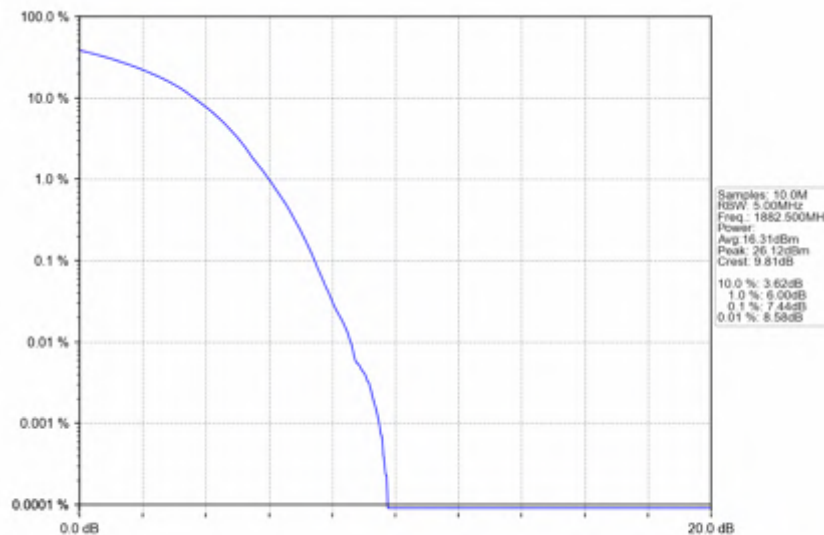
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Band25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



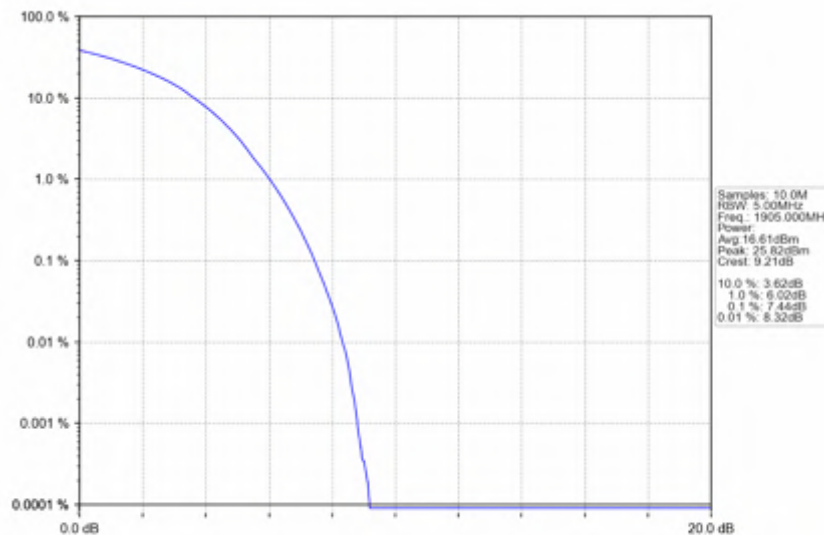
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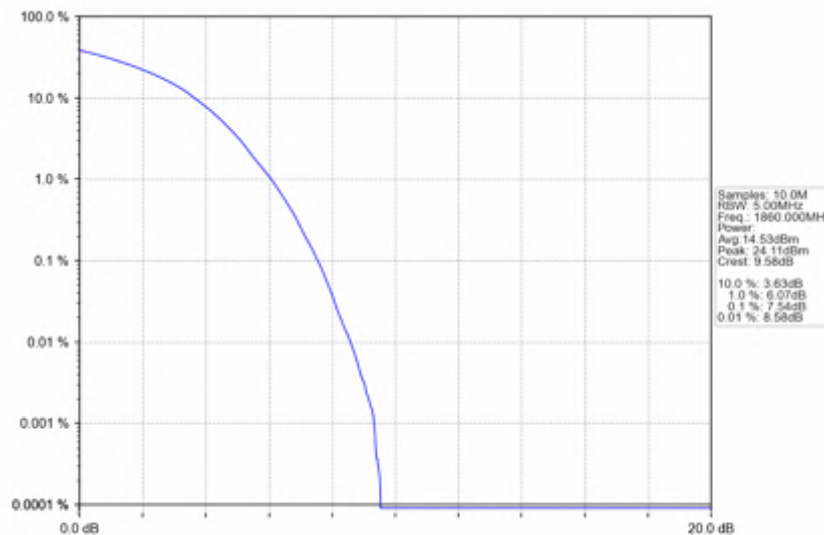
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Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV

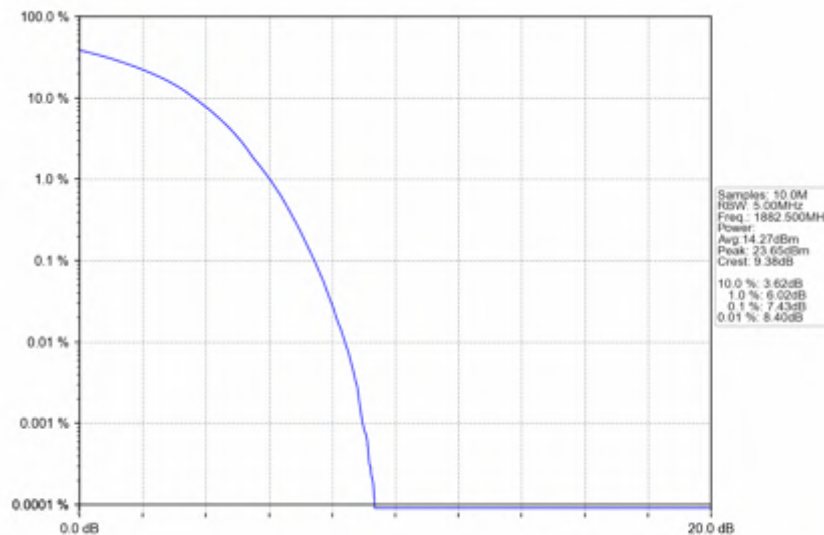


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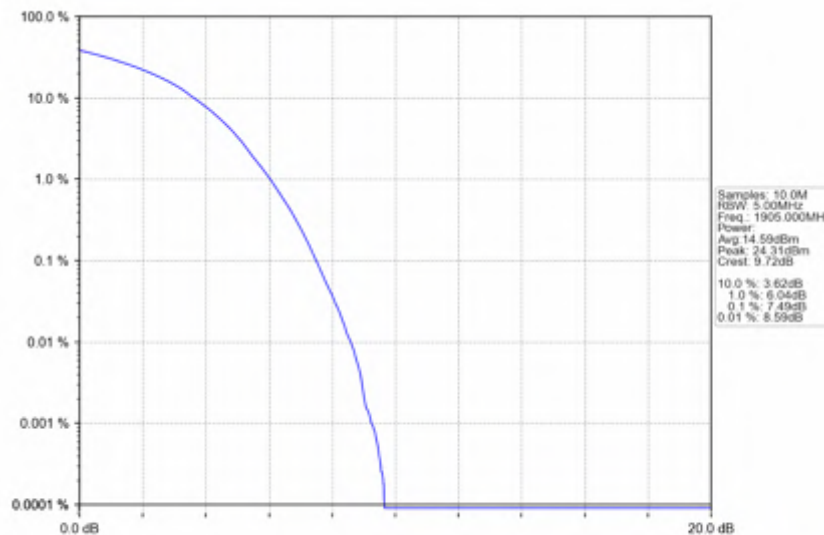
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Band25_20MHz_256QAM_HCH_1905MHz_RB_100_0_NTNV



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6. Peak-Average Ratio

6.1 B26a_1.4MHz

6.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	6.24	<=13	Pass
	819	6	0	6.40	<=13	Pass
	823.3	6	0	6.45	<=13	Pass
16QAM	814.7	6	0	6.24	<=13	Pass
	819	6	0	6.40	<=13	Pass
	823.3	6	0	6.45	<=13	Pass
64QAM	814.7	6	0	6.24	<=13	Pass
	819	6	0	6.38	<=13	Pass
	823.3	6	0	6.44	<=13	Pass
256QAM	814.7	6	0	6.78	<=13	Pass
	819	6	0	6.66	<=13	Pass
	823.3	6	0	6.91	<=13	Pass



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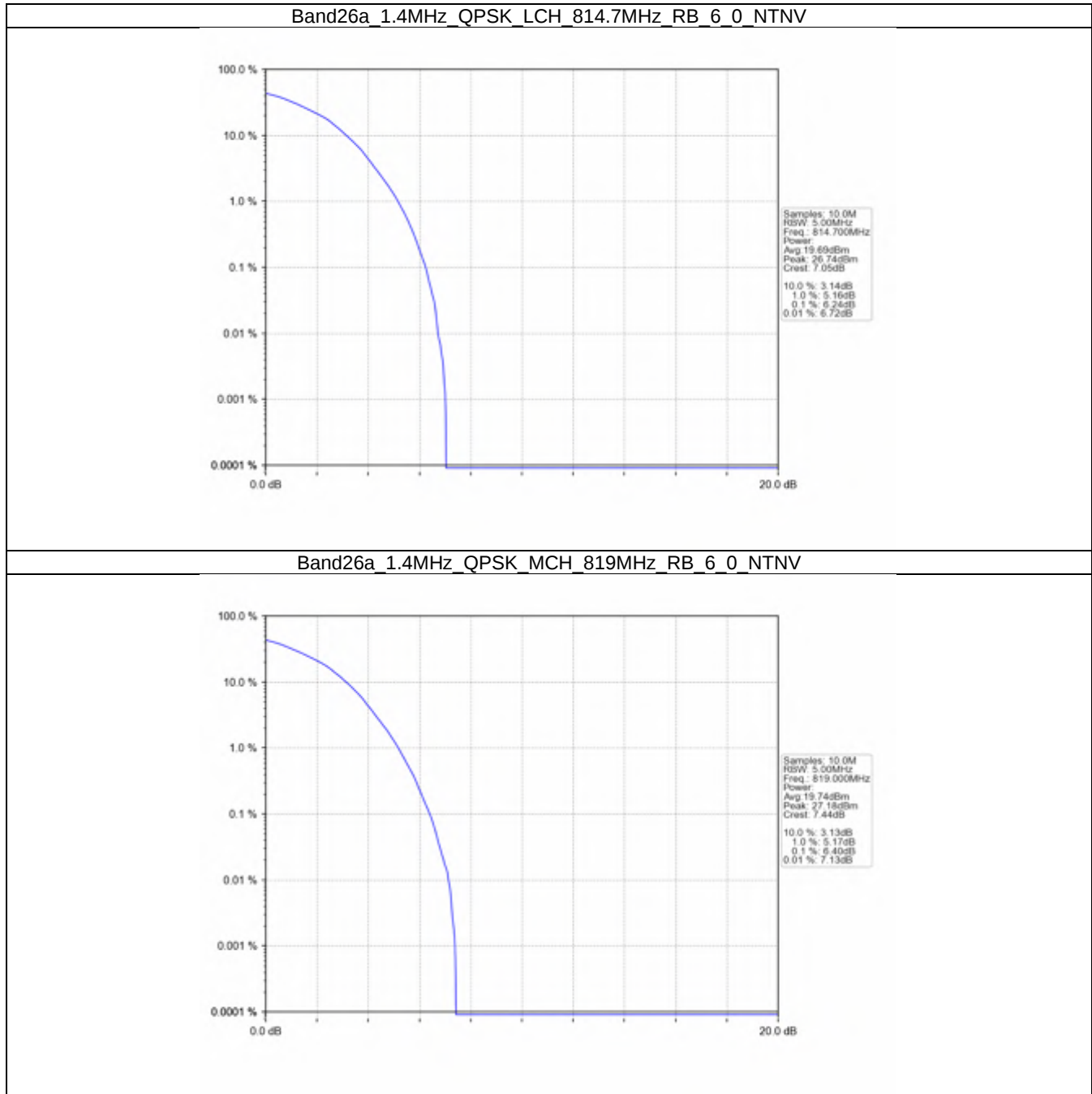
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6.1.2 Test Graph



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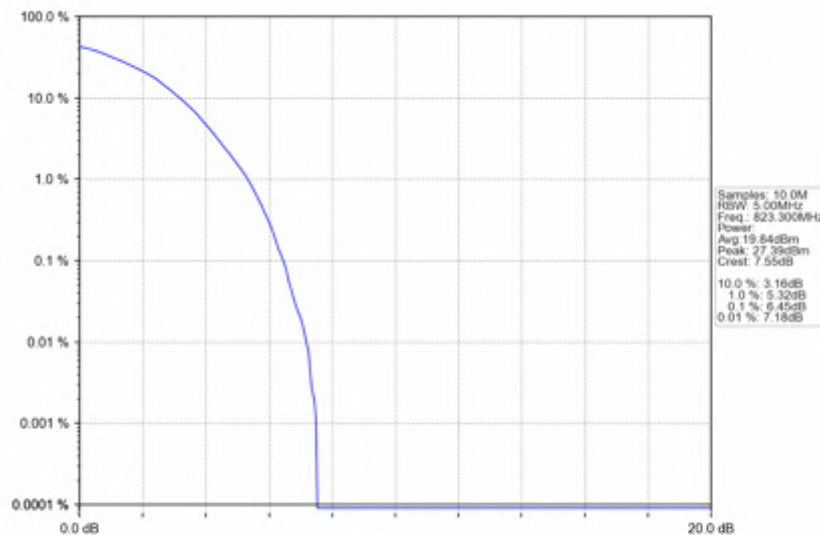
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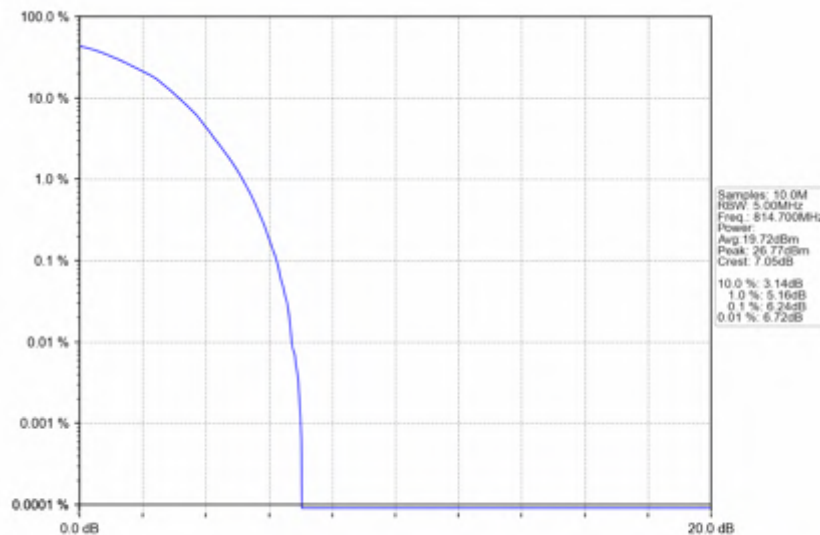
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Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

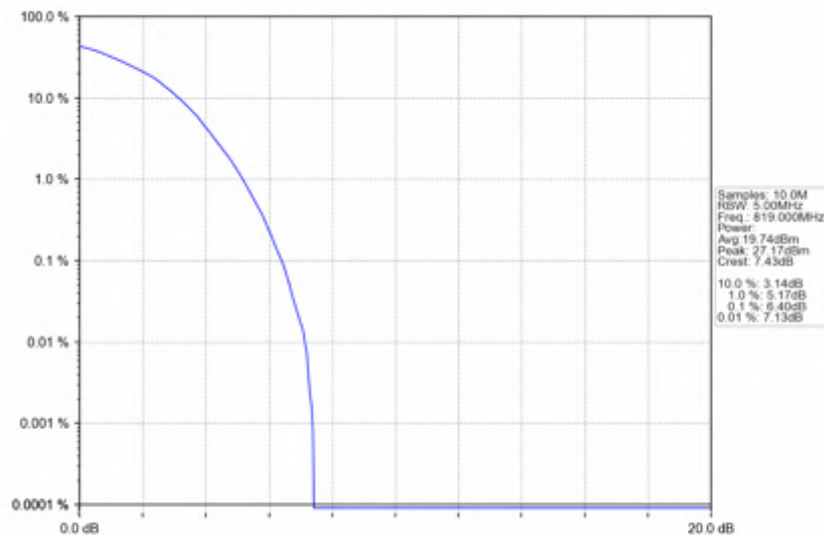


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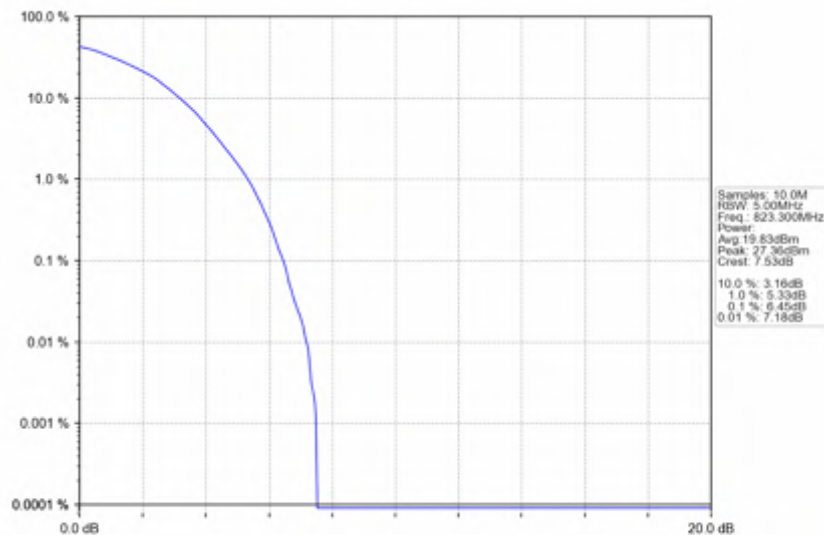
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Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

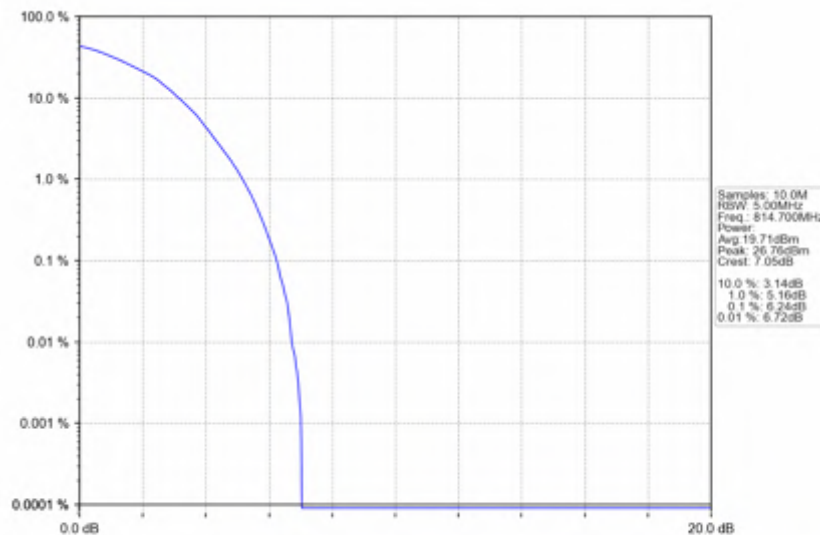


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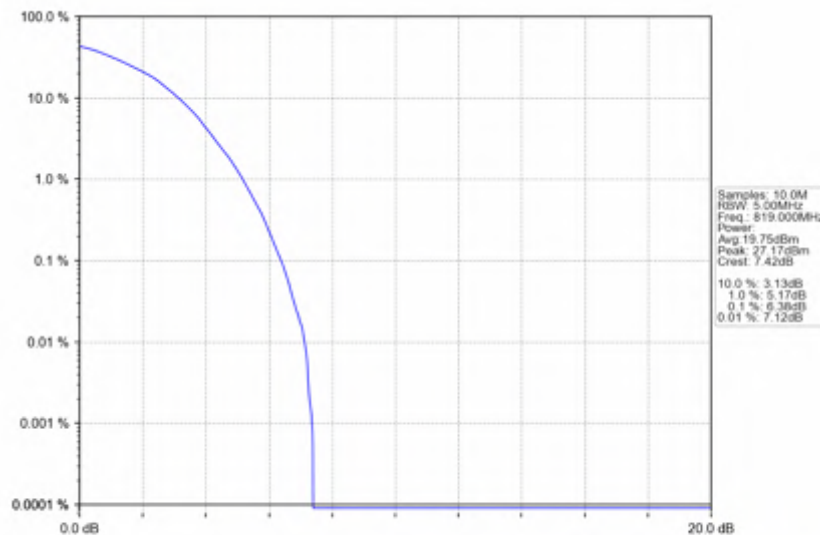
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Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



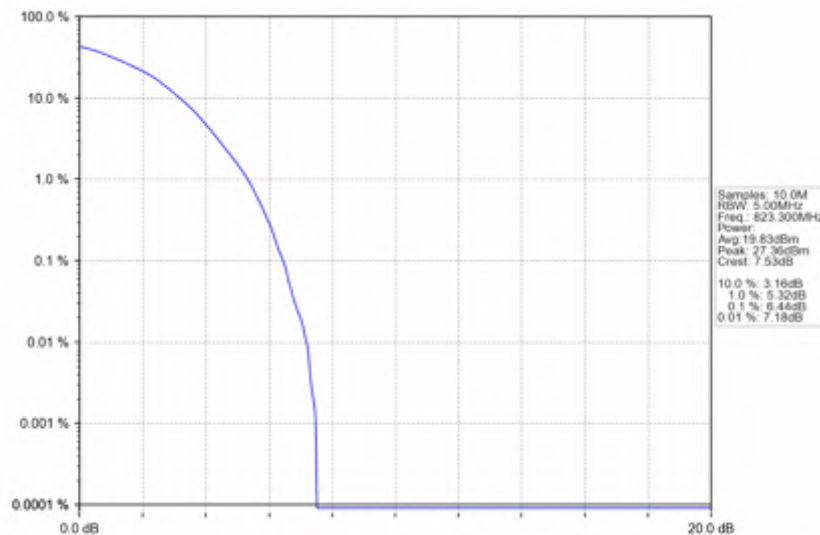
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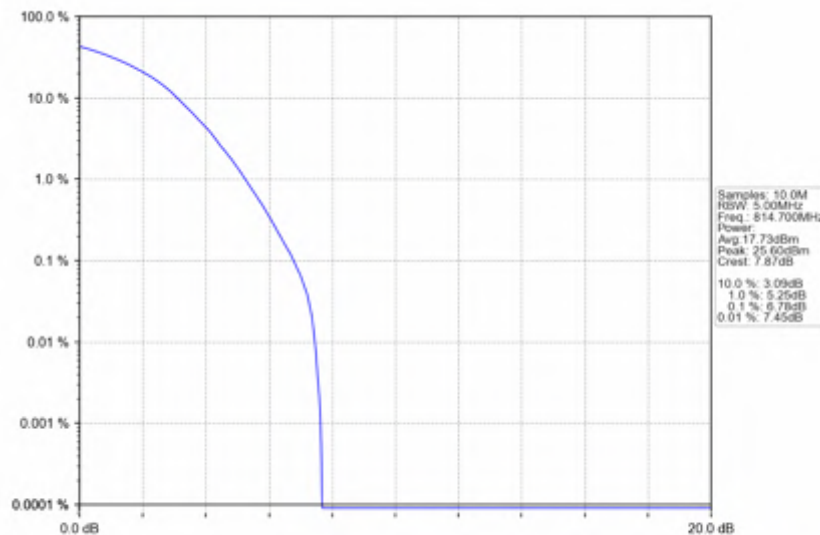
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Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



Band26a_1.4MHz_256QAM_LCH_814.7MHz_RB_6_0_NTNV

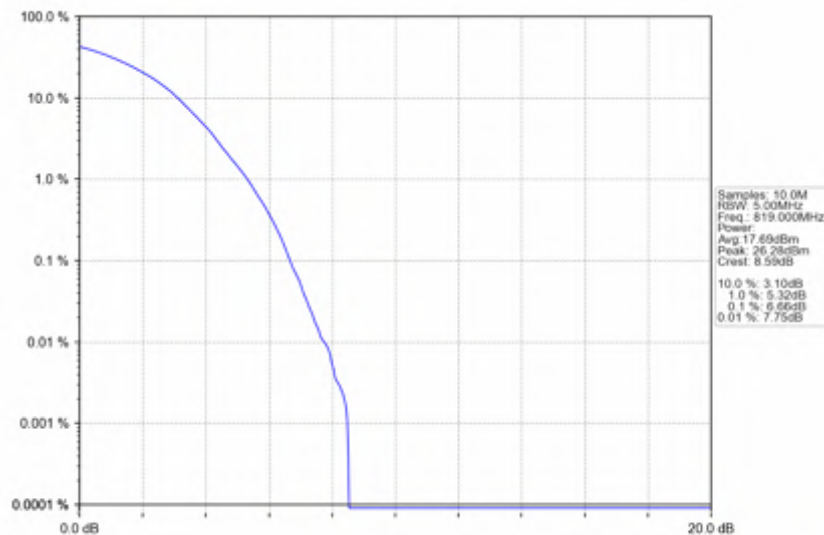


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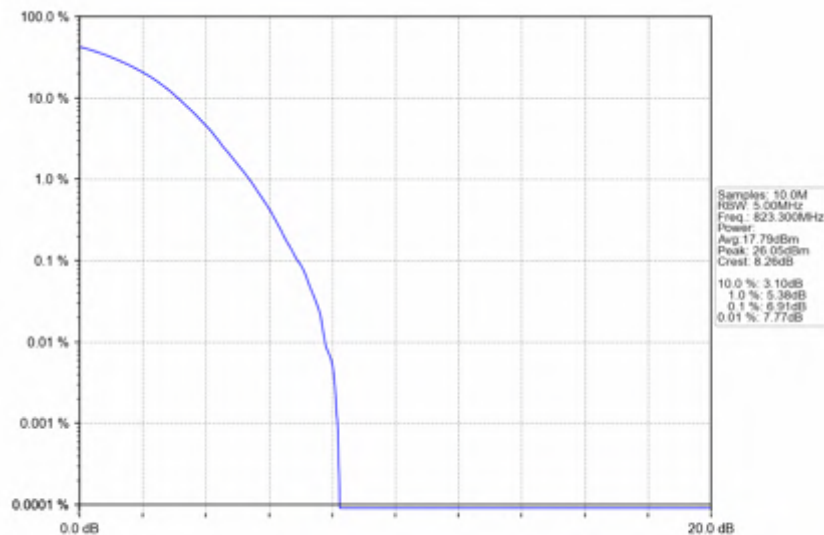
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Band26a_1.4MHz_256QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_256QAM_HCH_823.3MHz_RB_6_0_NTNV



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6.2 B26a_3MHz

6.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	6.35	<=13	Pass
	819	15	0	6.51	<=13	Pass
	822.5	15	0	6.59	<=13	Pass
16QAM	815.5	15	0	6.35	<=13	Pass
	819	15	0	6.50	<=13	Pass
	822.5	15	0	6.59	<=13	Pass
64QAM	815.5	15	0	6.33	<=13	Pass
	819	15	0	6.50	<=13	Pass
	822.5	15	0	6.59	<=13	Pass
256QAM	815.5	15	0	6.76	<=13	Pass
	819	15	0	6.77	<=13	Pass
	822.5	15	0	6.94	<=13	Pass



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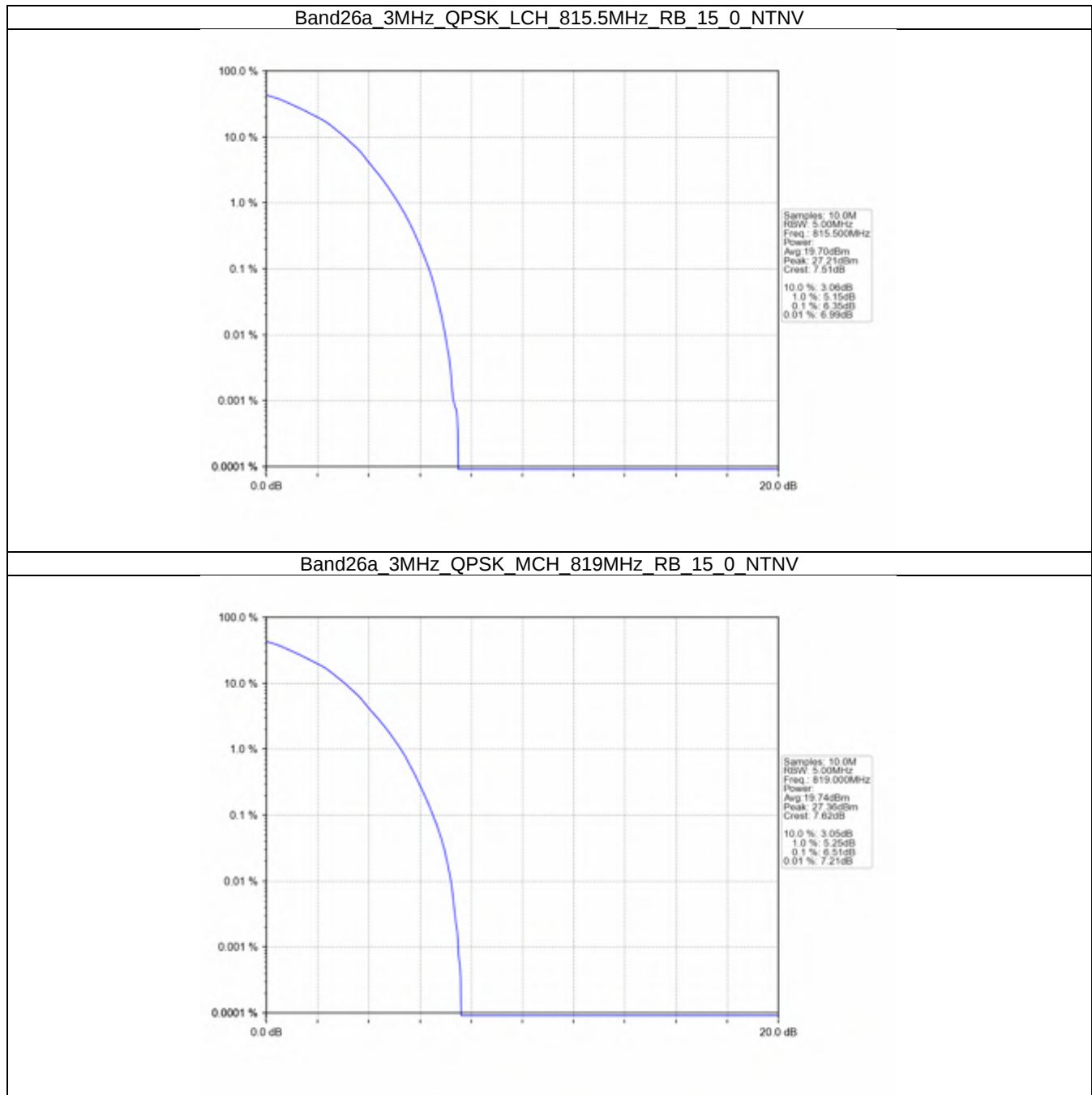
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6.2.2 Test Graph



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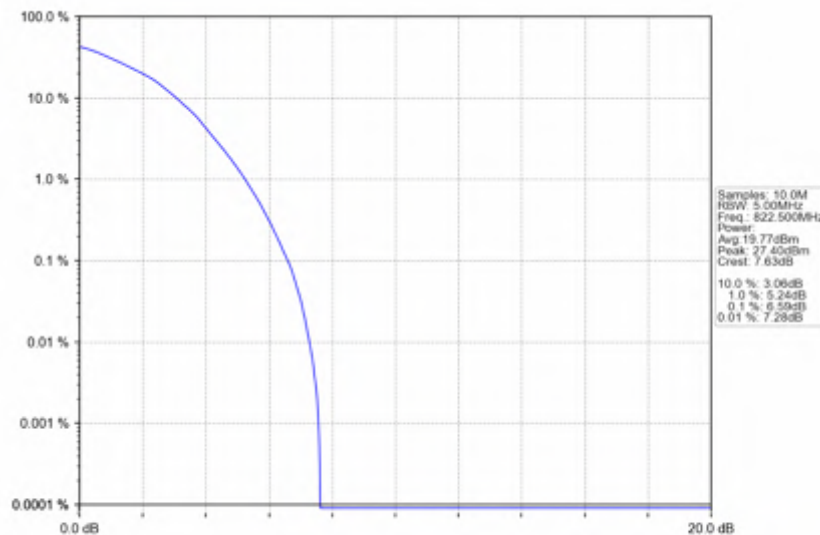
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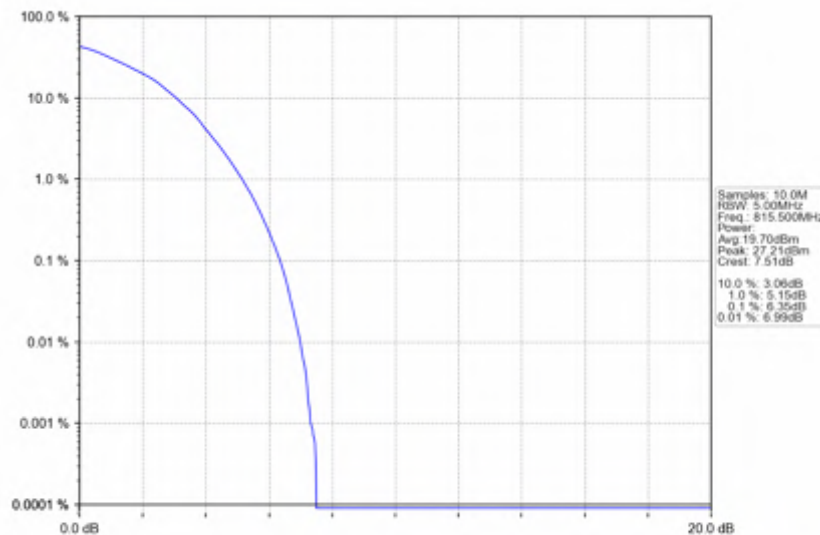
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Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

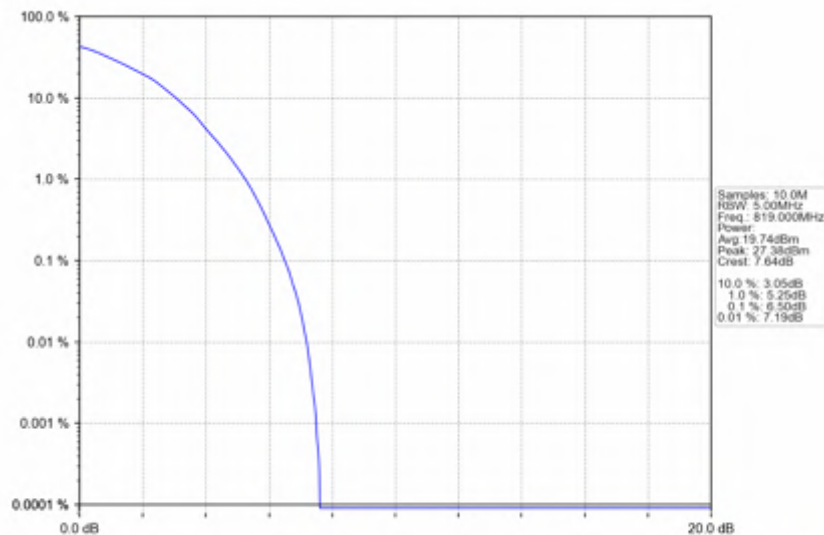


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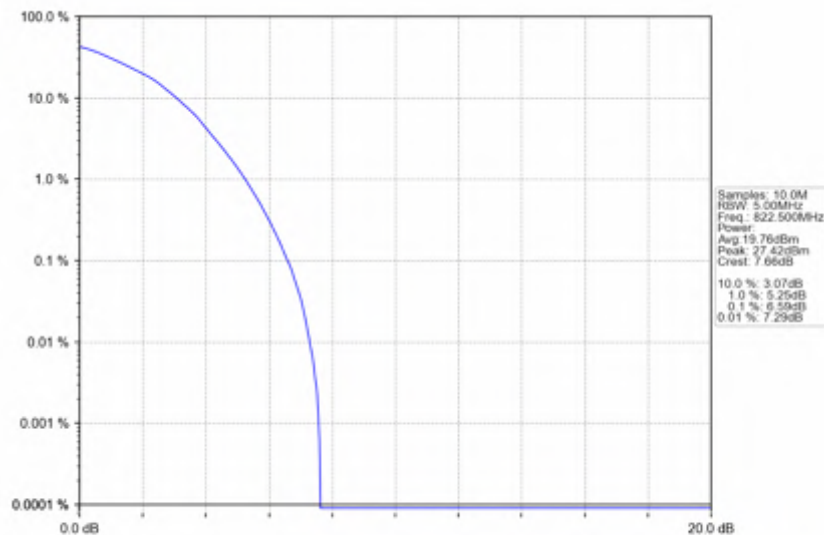
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Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV

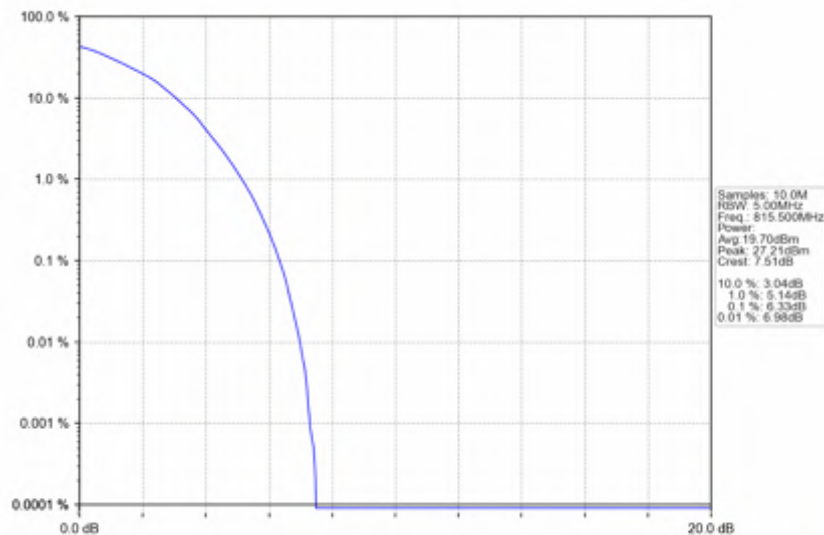


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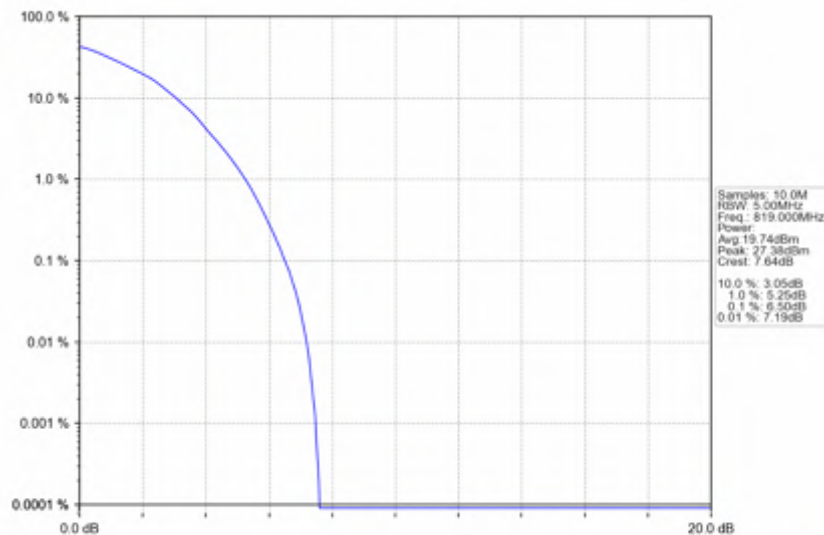
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