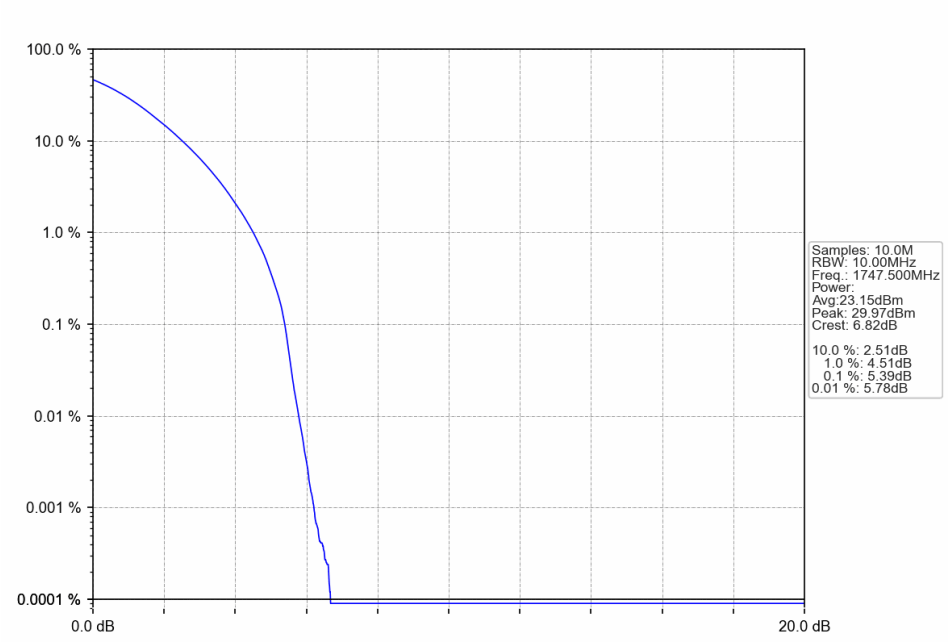
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

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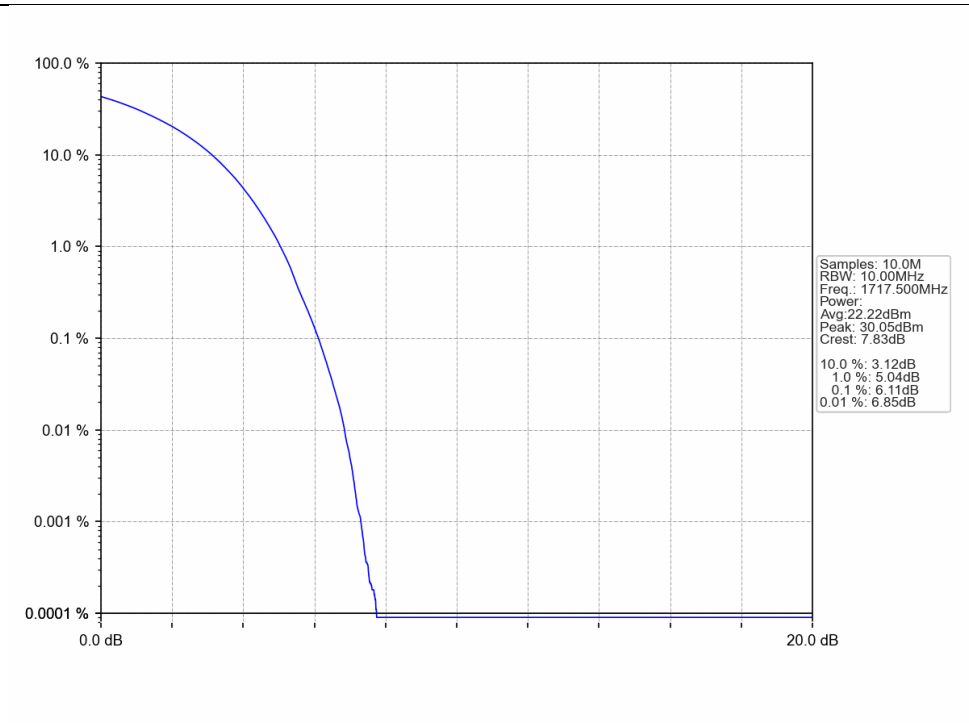

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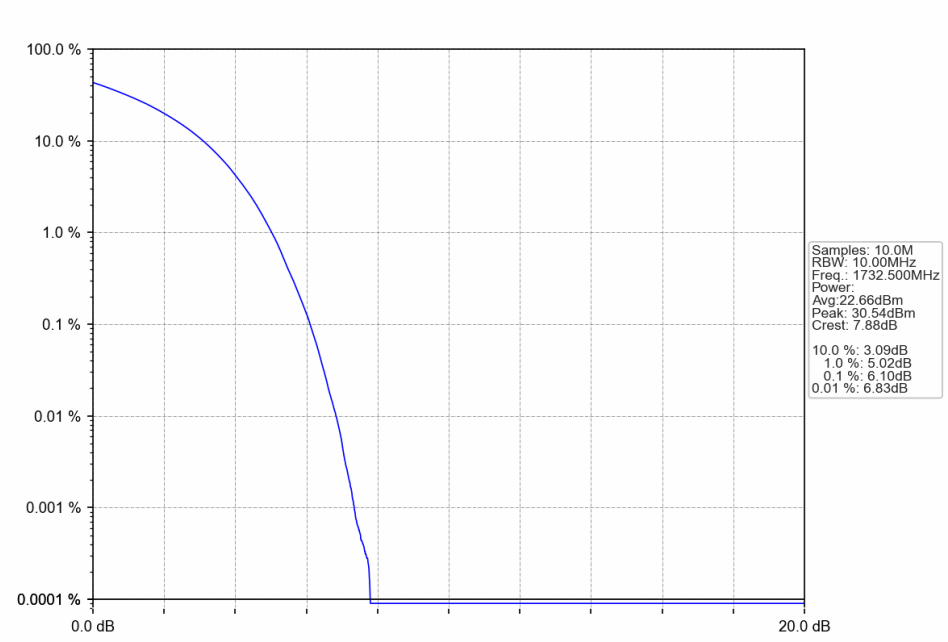

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

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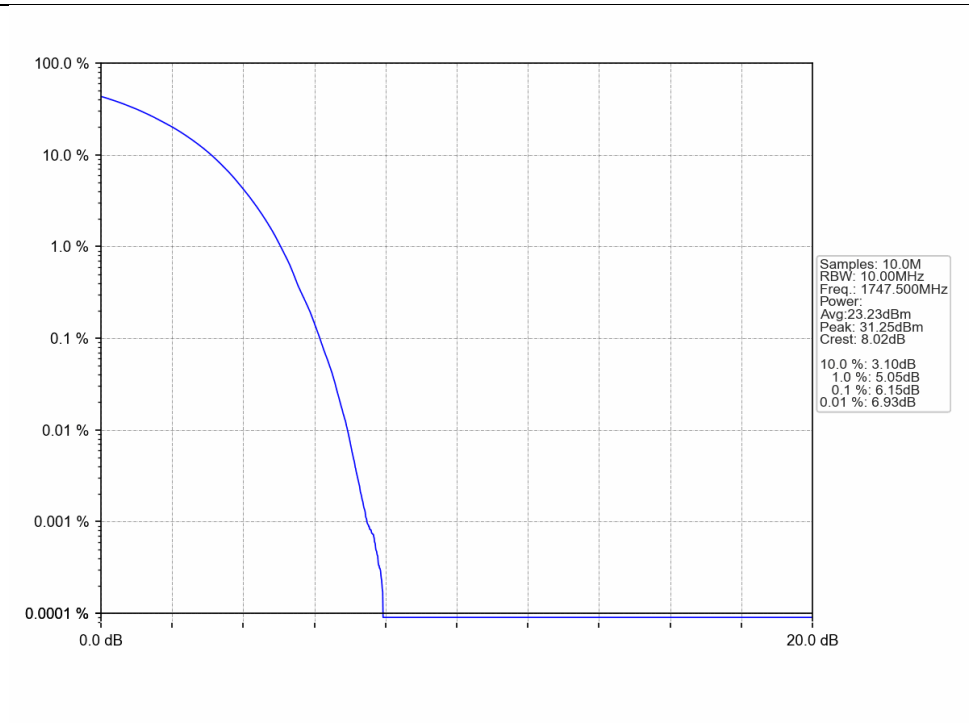

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4.6 B4_20MHz

4.6.1 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	5.35	<=13	Pass
	1732.5	100	0	5.56	<=13	Pass
	1745	100	0	5.70	<=13	Pass
16QAM	1720	100	0	6.16	<=13	Pass
	1732.5	100	0	6.28	<=13	Pass
	1745	100	0	6.34	<=13	Pass

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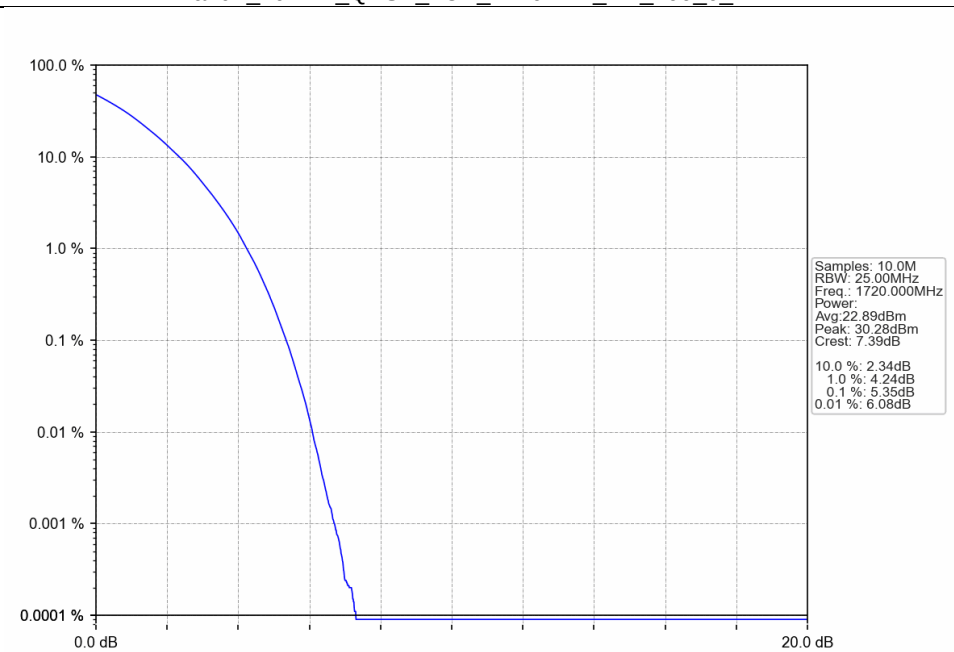
4.6.2 Test Graph

Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

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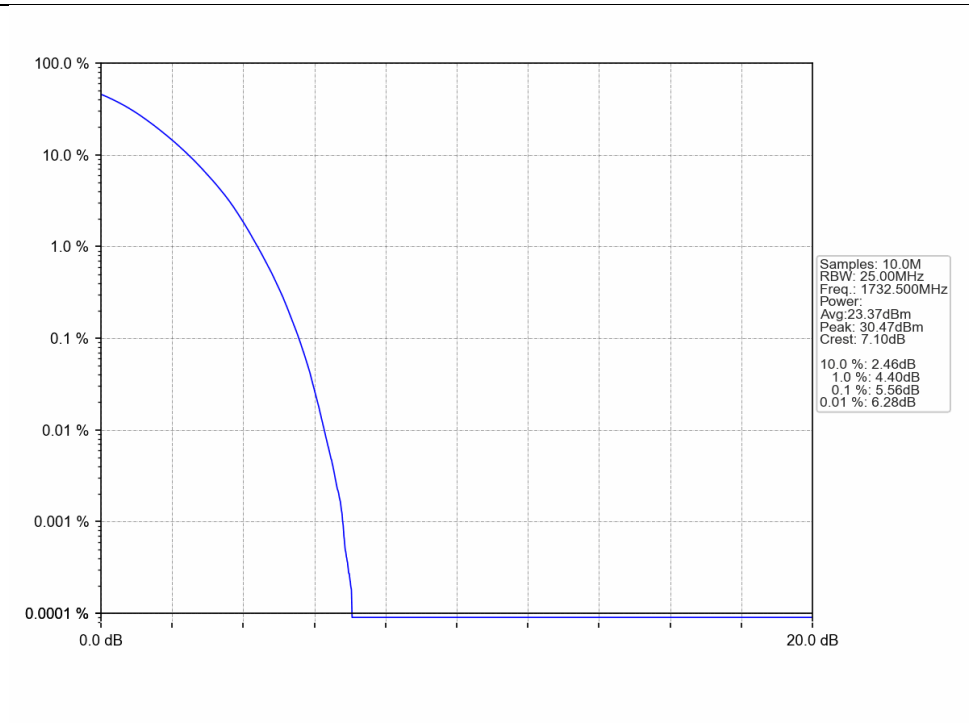

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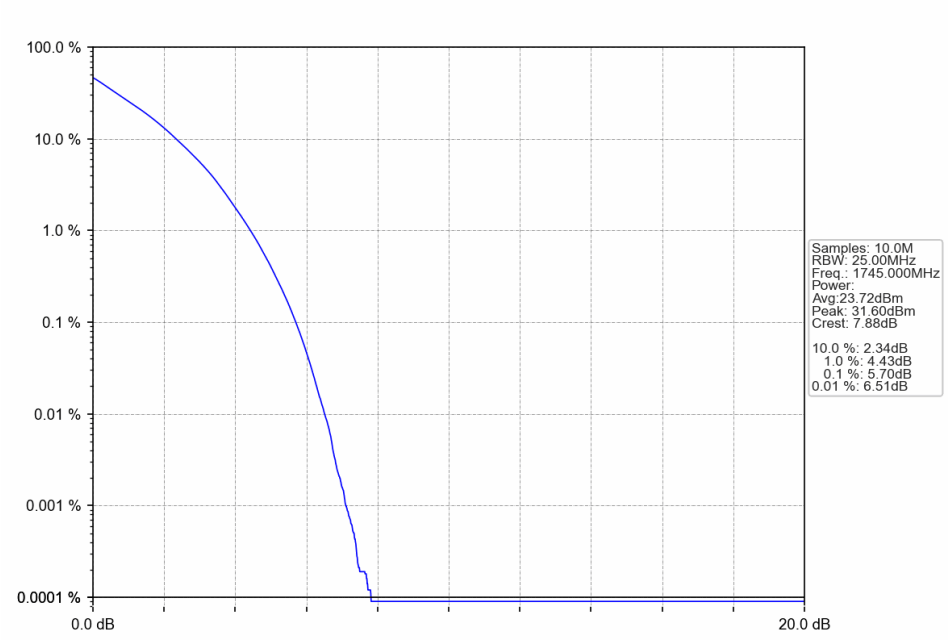
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

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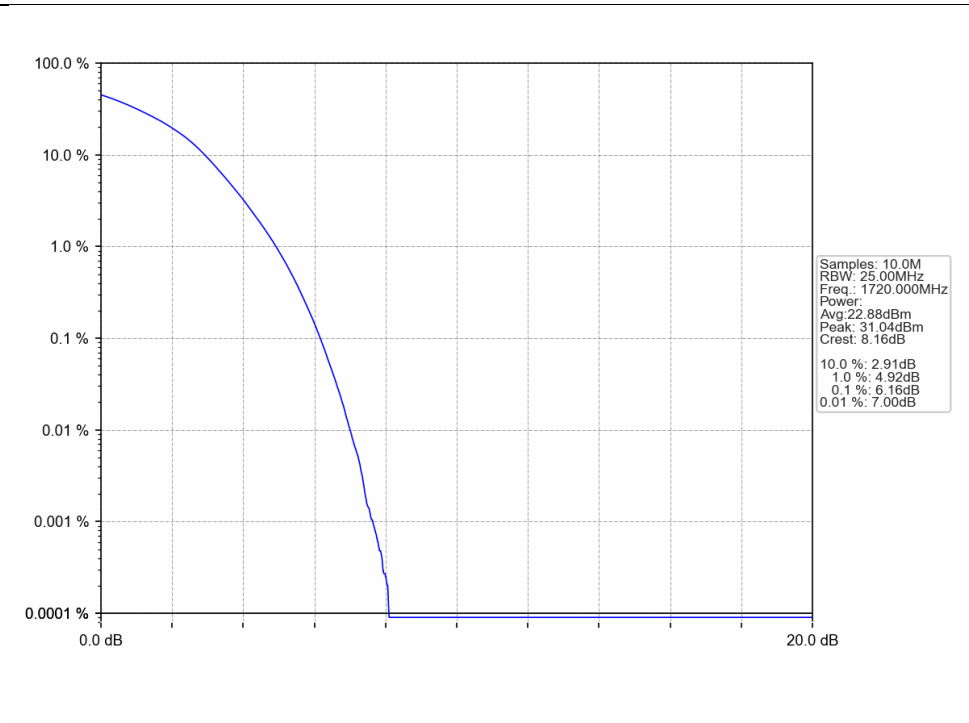

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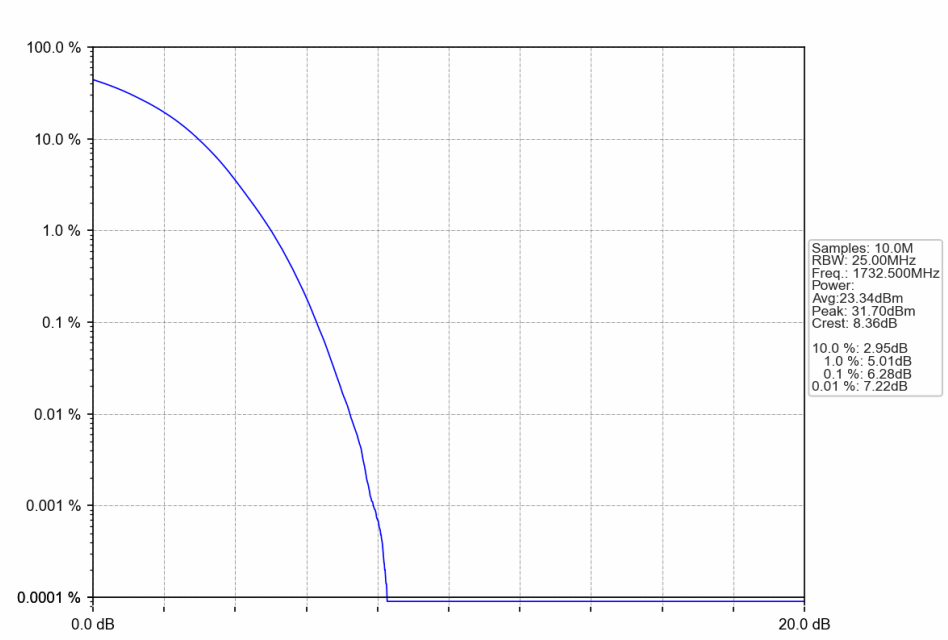

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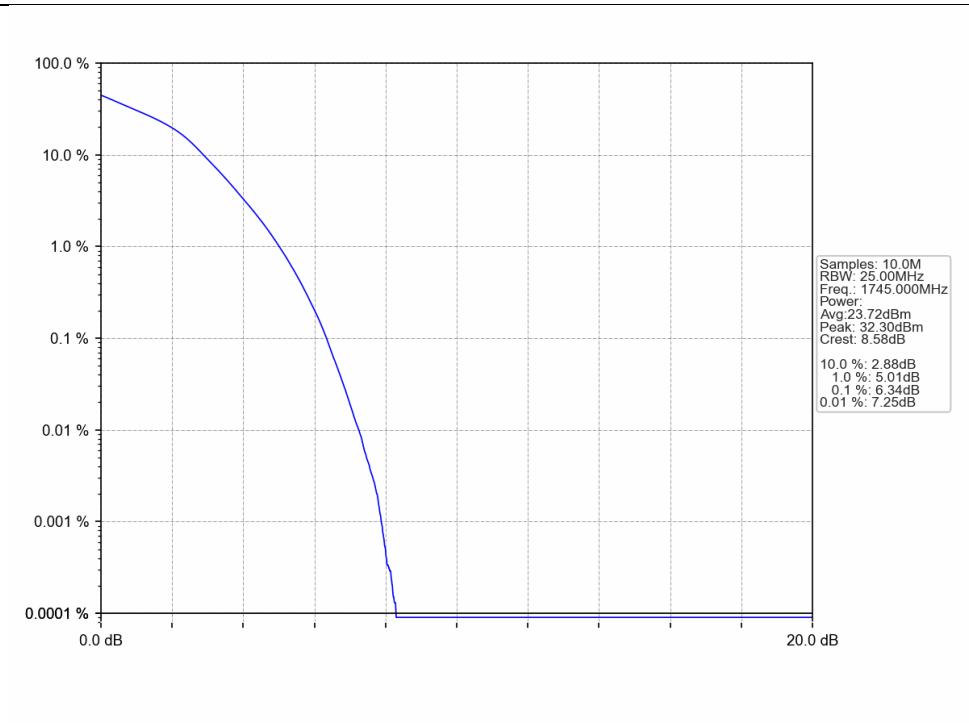

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5. Peak-Average Ratio

5.1 B5_1.4MHz

5.1.1 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	5.66	<=13	Pass
	836.5	6	0	5.46	<=13	Pass
	848.3	6	0	4.35	<=13	Pass
16QAM	824.7	6	0	6.29	<=13	Pass
	836.5	6	0	6.14	<=13	Pass
	848.3	6	0	4.59	<=13	Pass

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5.1.2 Test Graph

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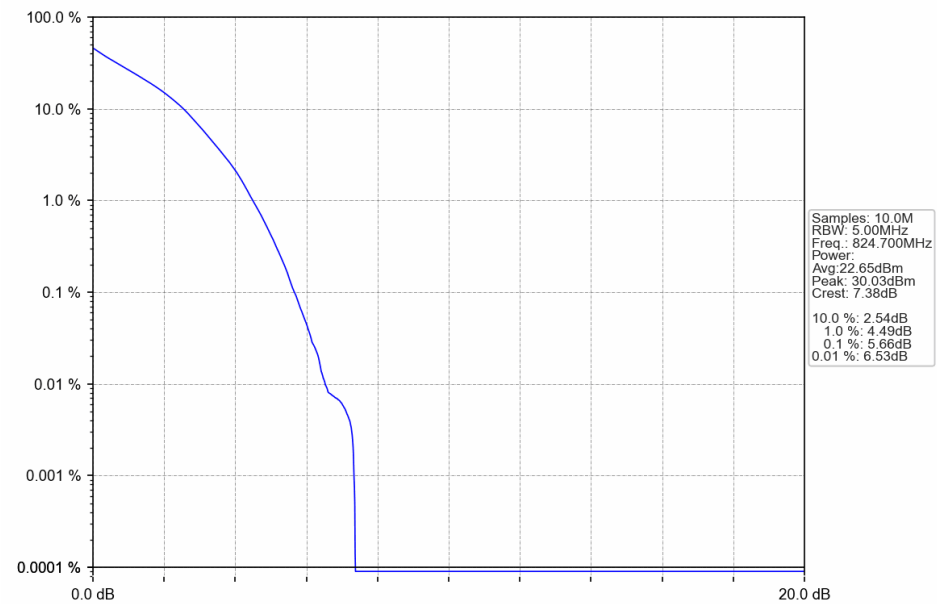

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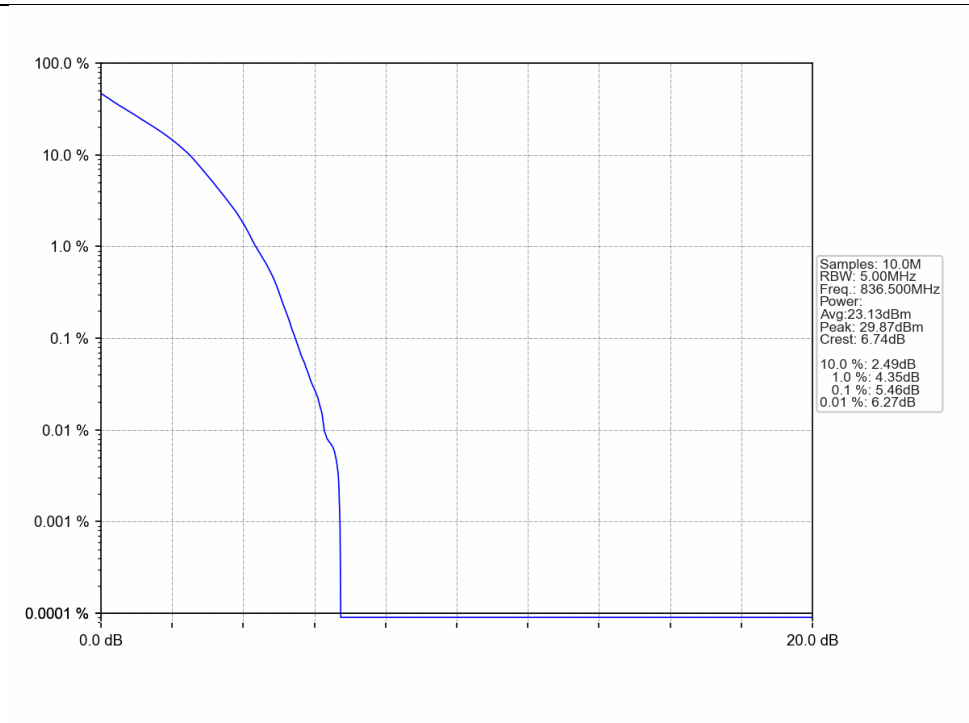

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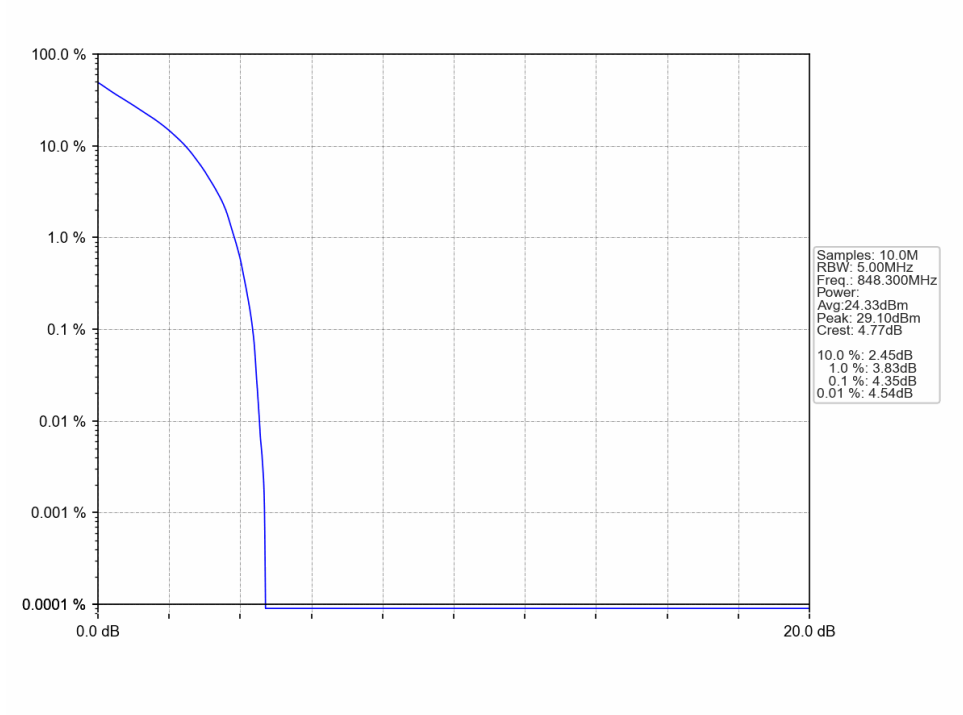
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

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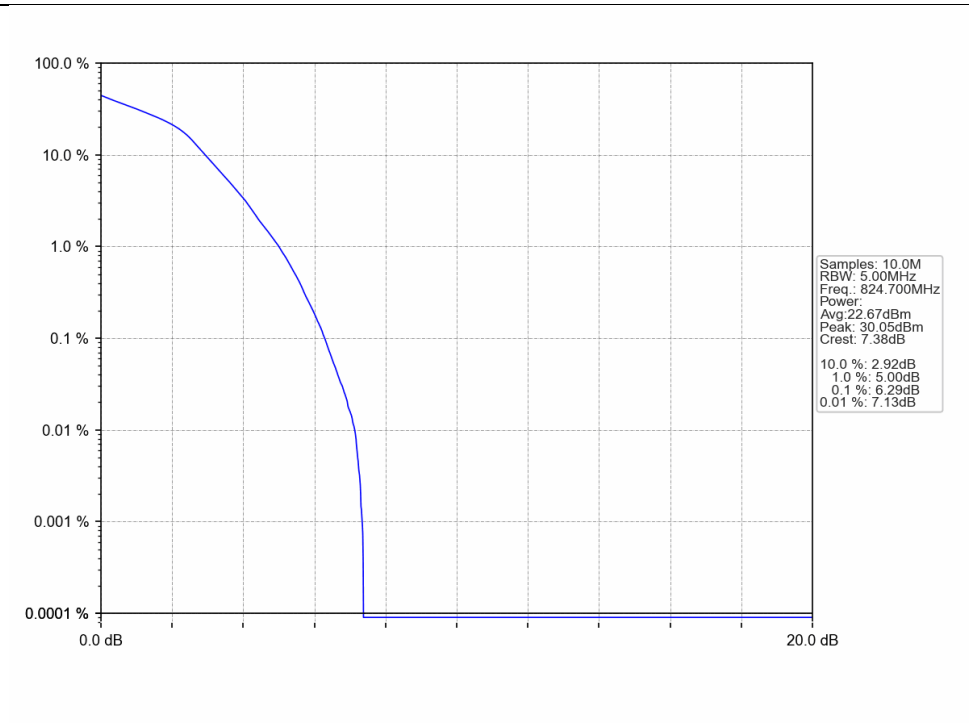

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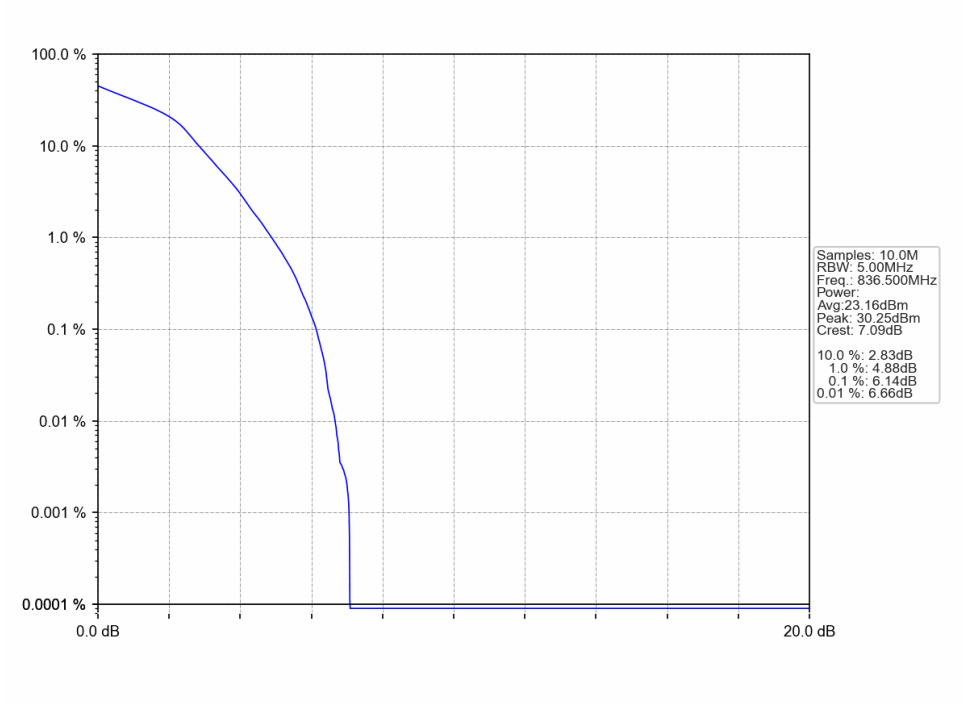
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

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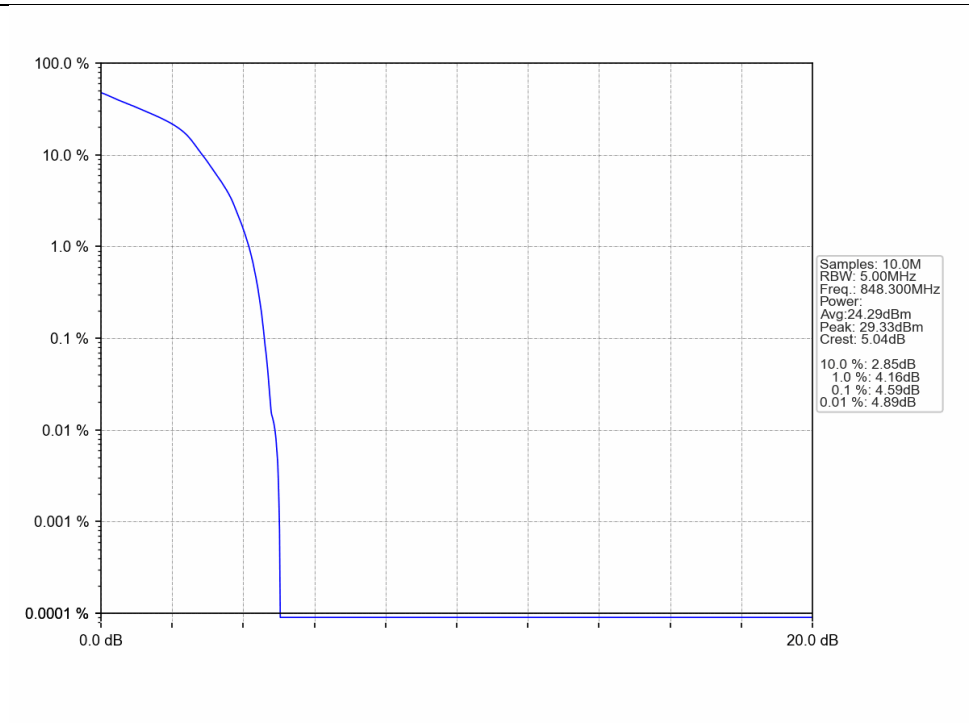

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5.2 B5_3MHz

5.2.1 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	5.69	<=13	Pass
	836.5	15	0	5.45	<=13	Pass
	847.5	15	0	4.74	<=13	Pass
16QAM	825.5	15	0	6.39	<=13	Pass
	836.5	15	0	6.14	<=13	Pass
	847.5	15	0	5.06	<=13	Pass

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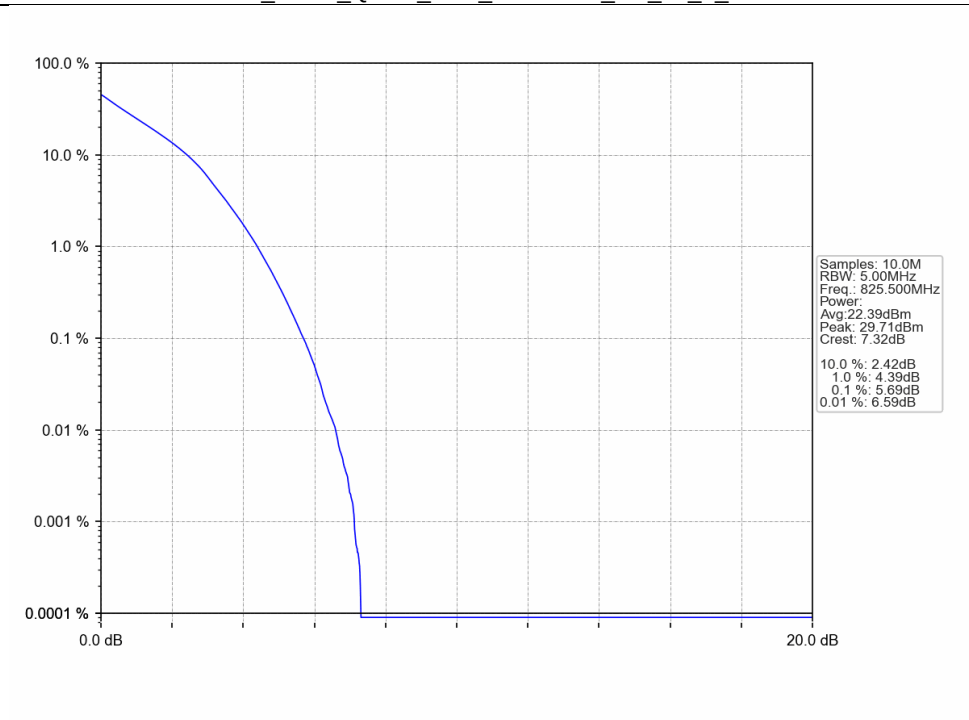
5.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

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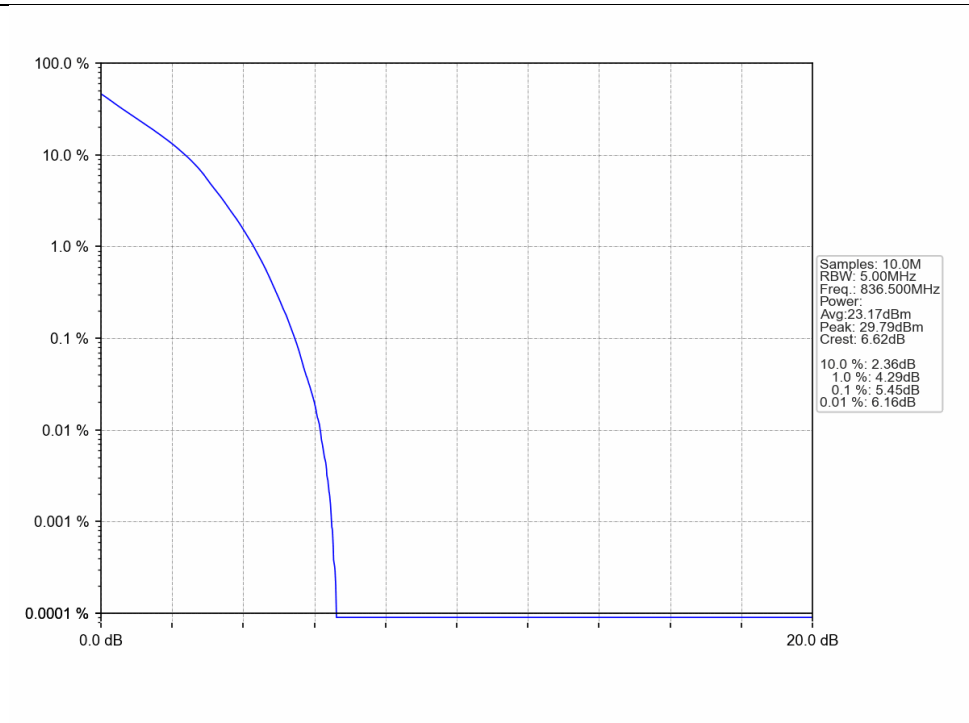

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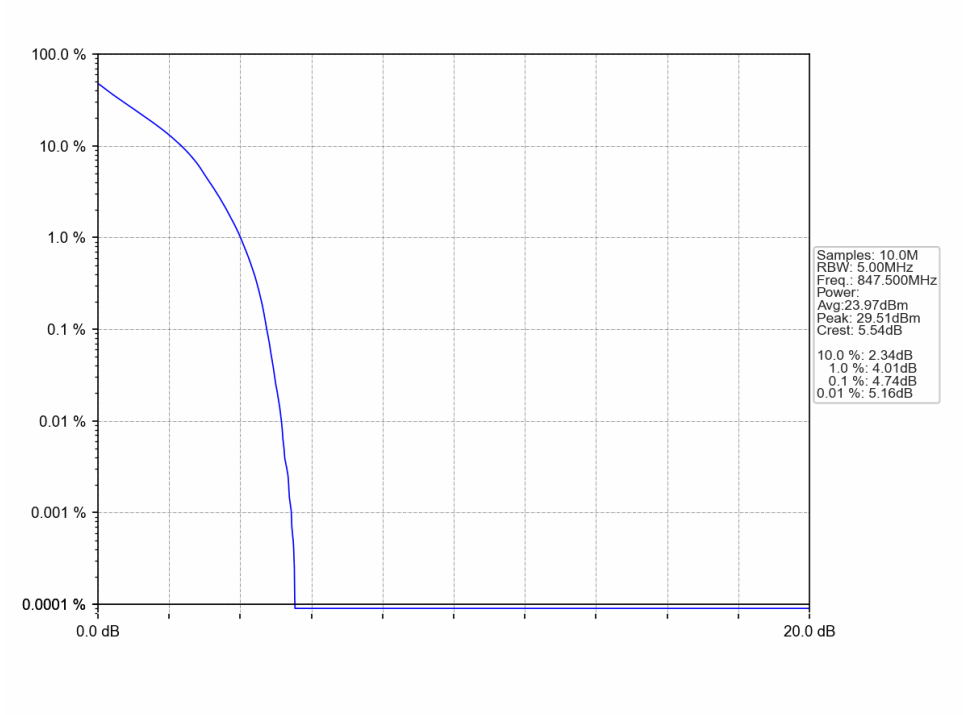
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

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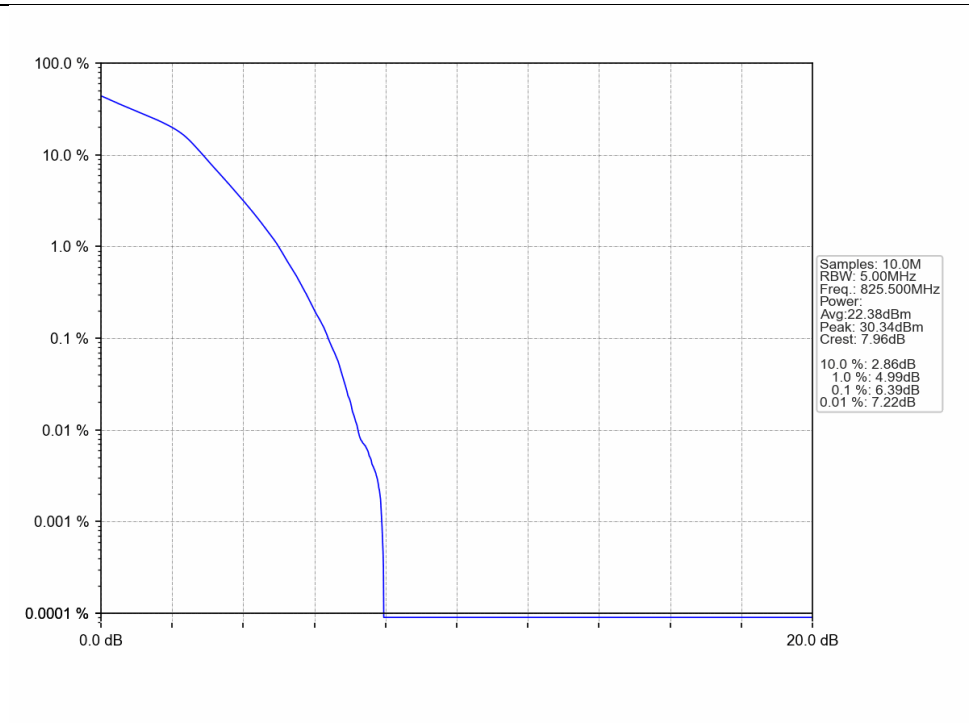

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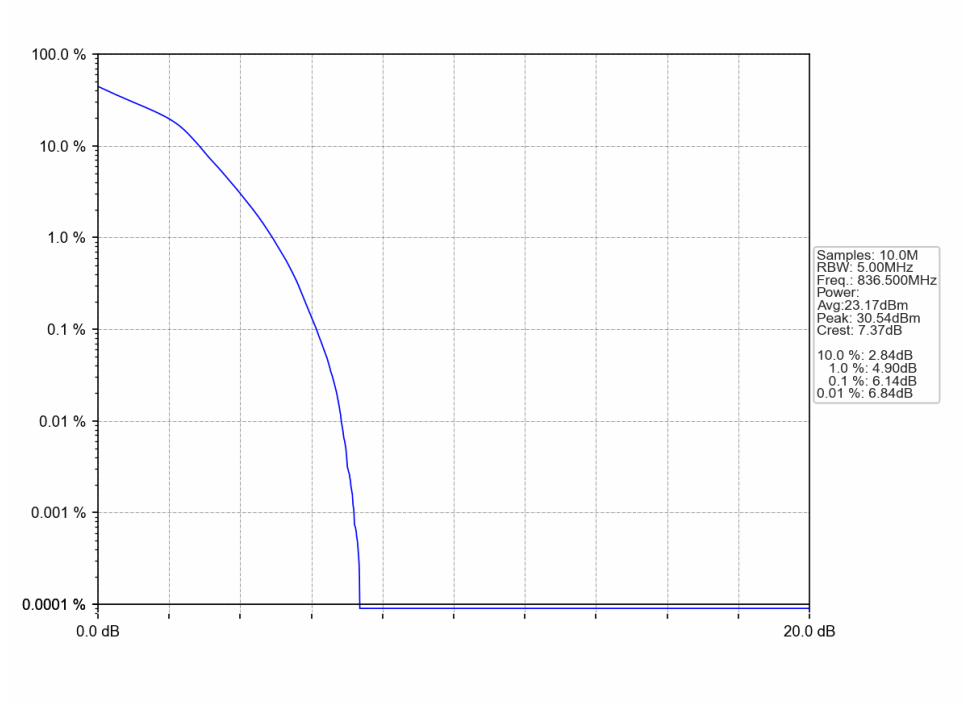
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

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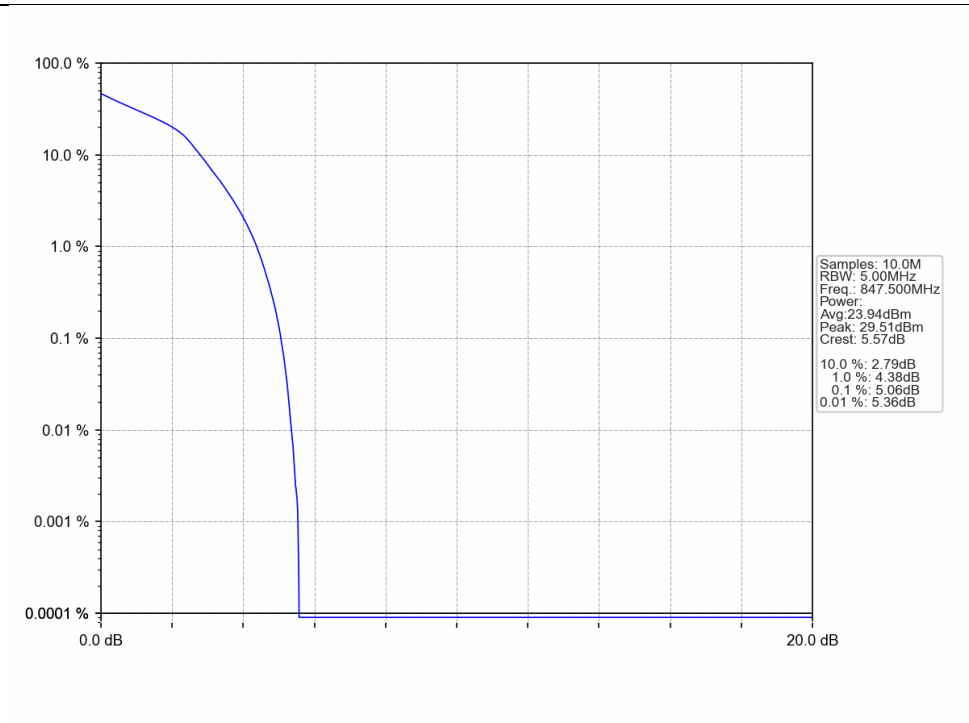

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5.3 B5_5MHz

5.3.1 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	5.78	<=13	Pass
	836.5	25	0	5.64	<=13	Pass
	846.5	25	0	5.24	<=13	Pass
16QAM	826.5	25	0	6.34	<=13	Pass
	836.5	25	0	6.20	<=13	Pass
	846.5	25	0	5.67	<=13	Pass

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5.3.2 Test Graph

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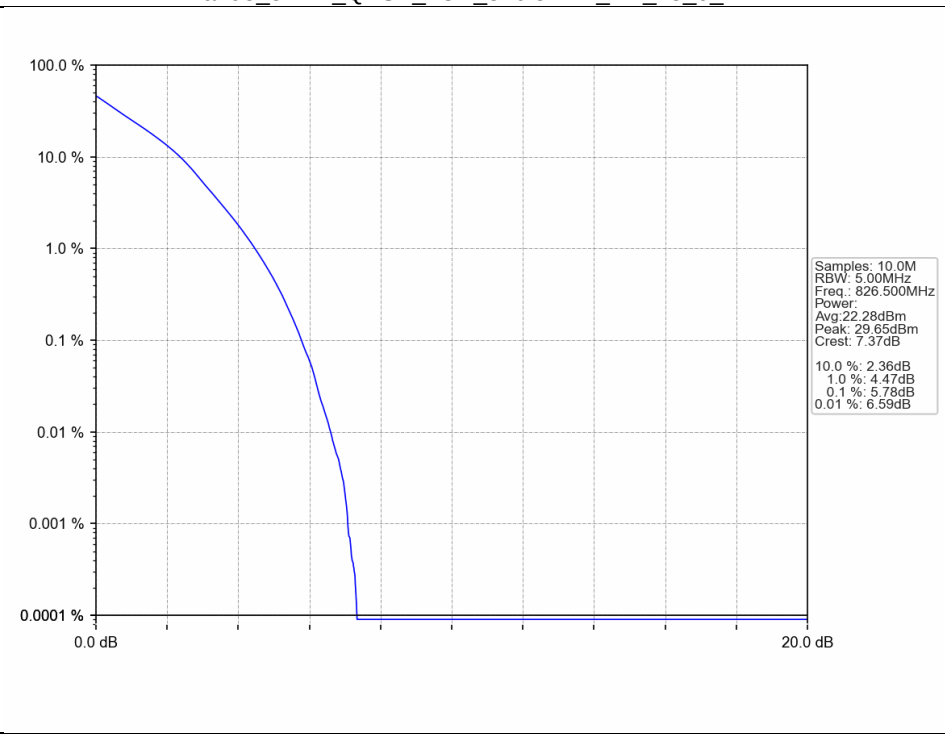

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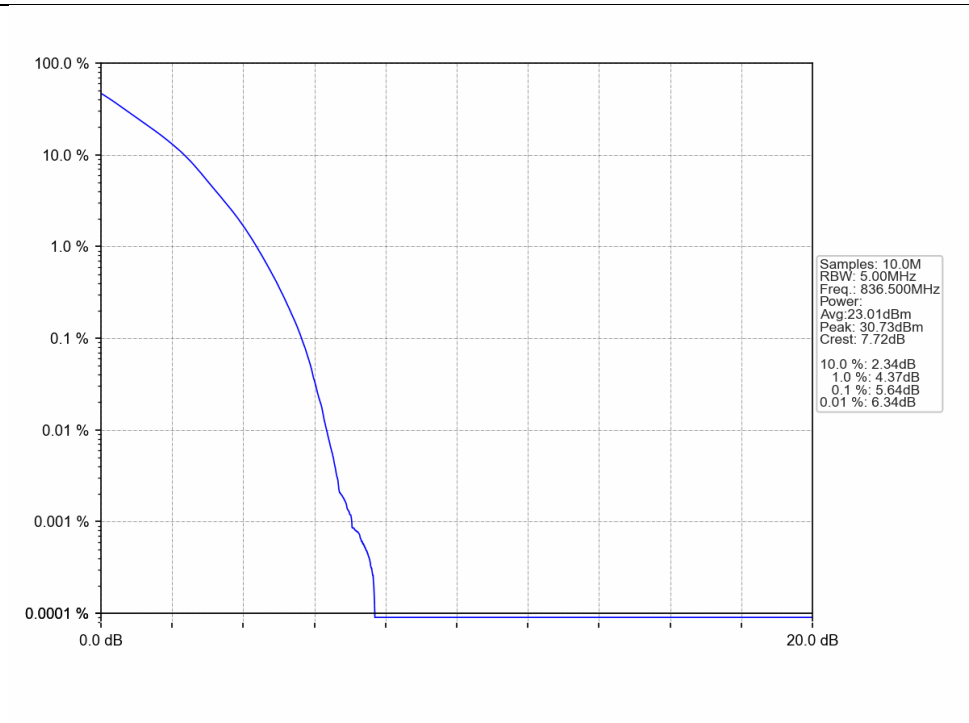

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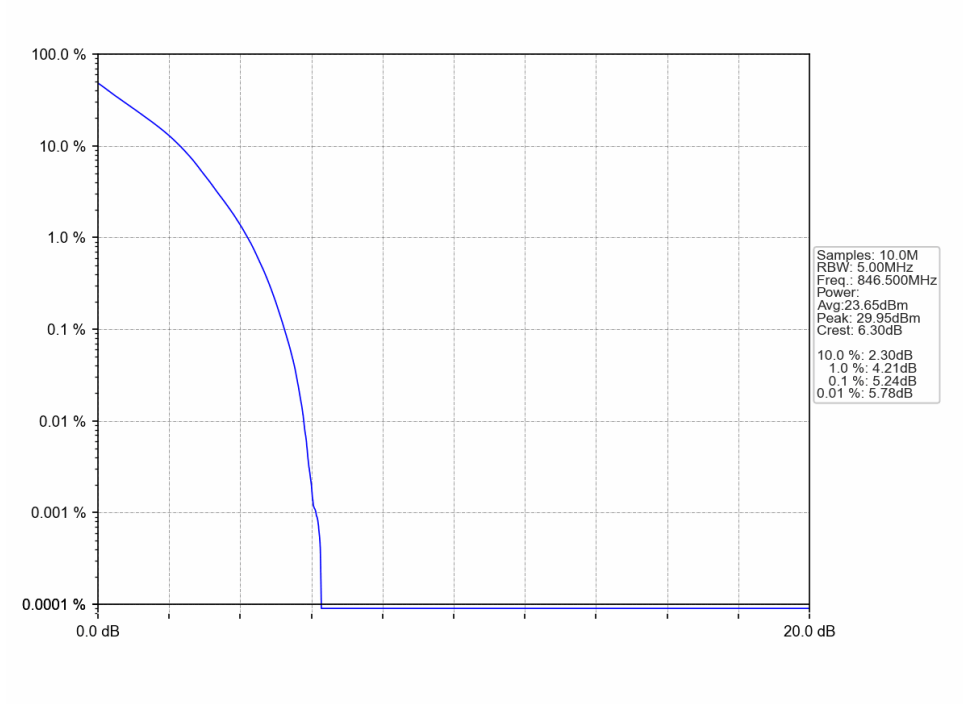
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

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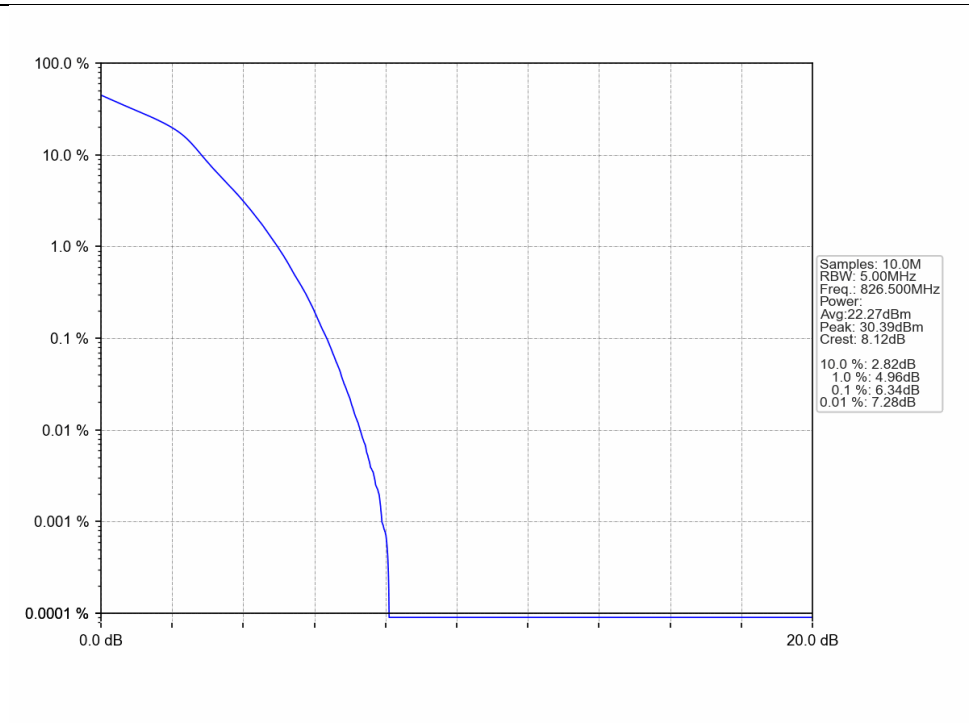

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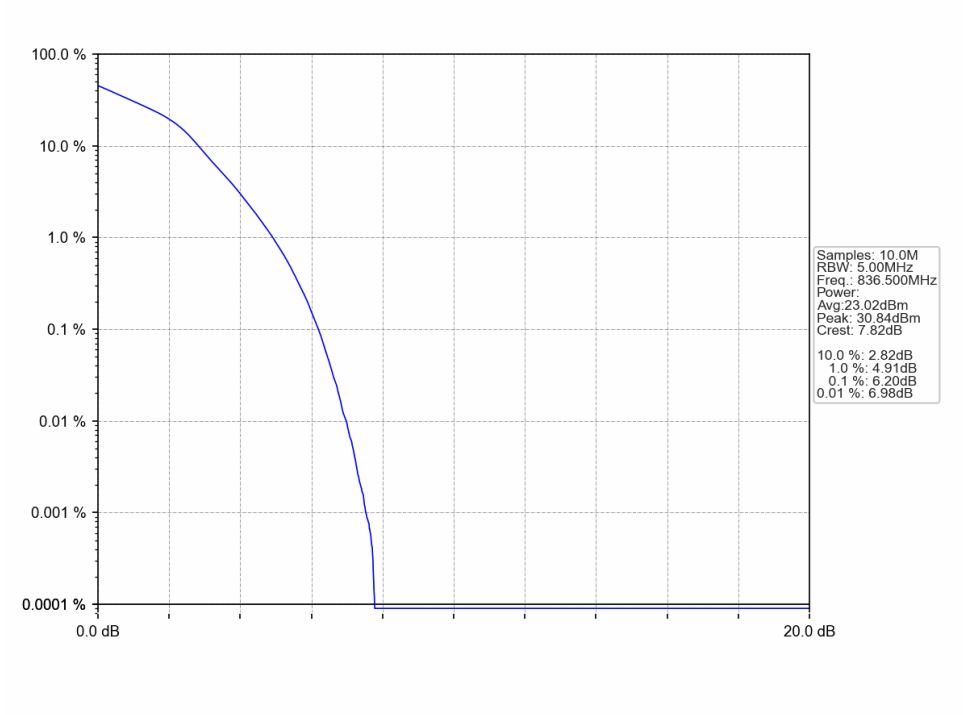
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



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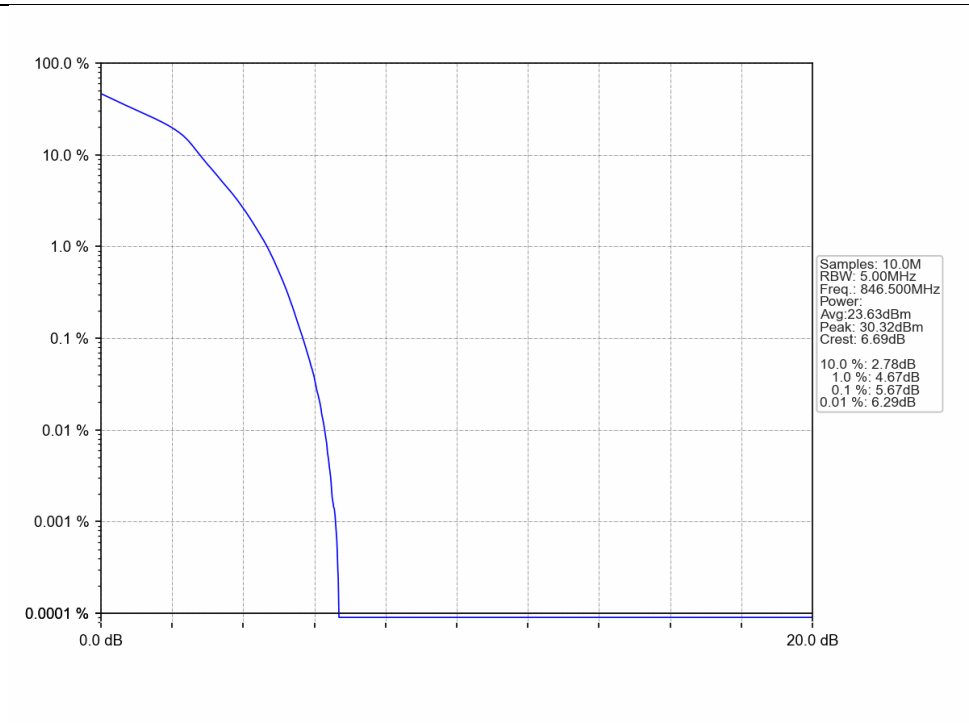

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5.4 B5_10MHz

5.4.1 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	5.57	<=13	Pass
	836.5	50	0	5.57	<=13	Pass
	844	50	0	5.25	<=13	Pass
16QAM	829	50	0	6.18	<=13	Pass
	836.5	50	0	6.21	<=13	Pass
	844	50	0	5.91	<=13	Pass

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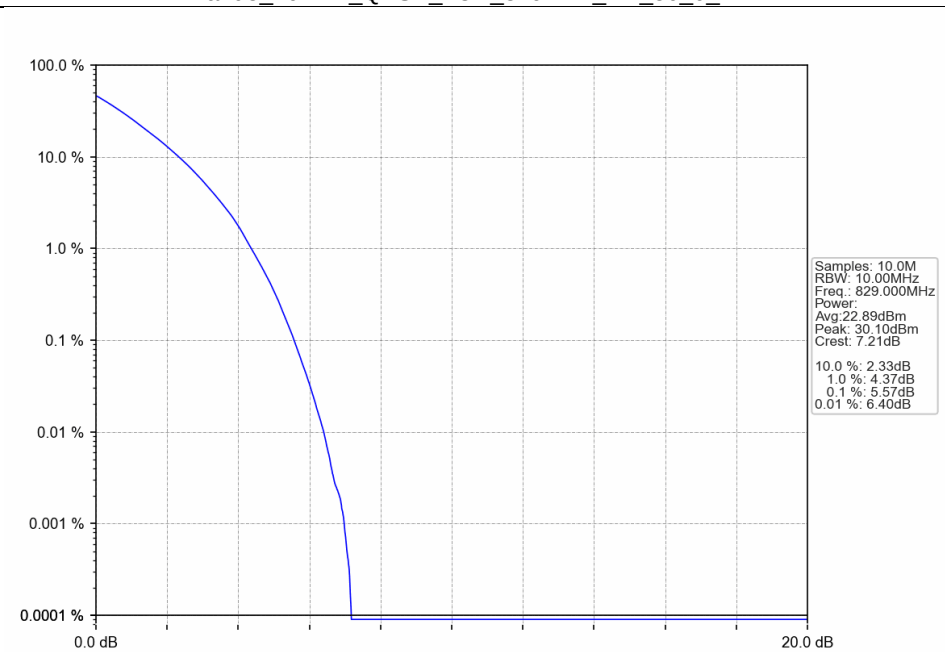
5.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

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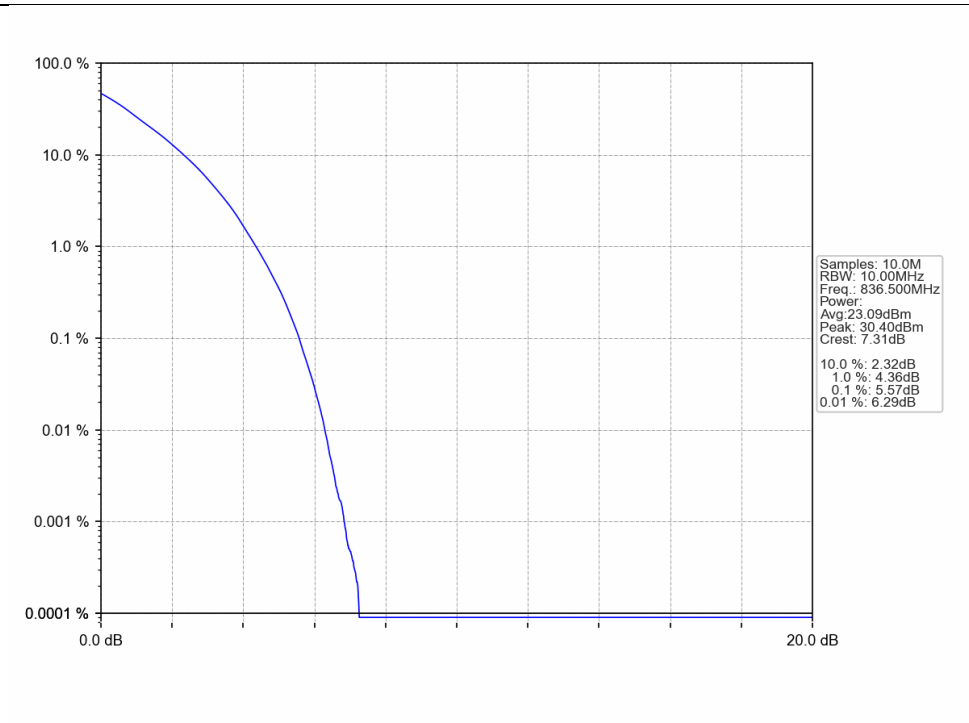

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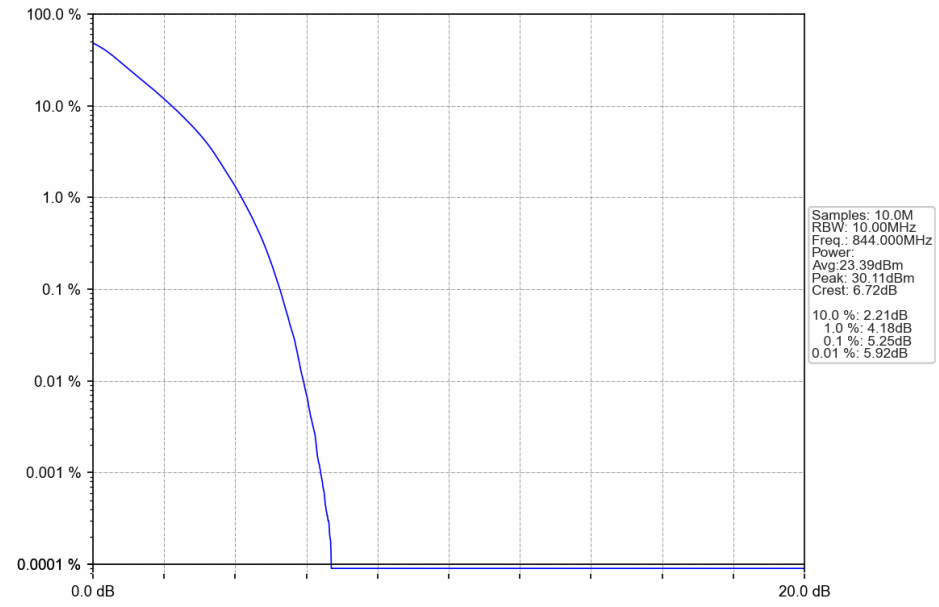

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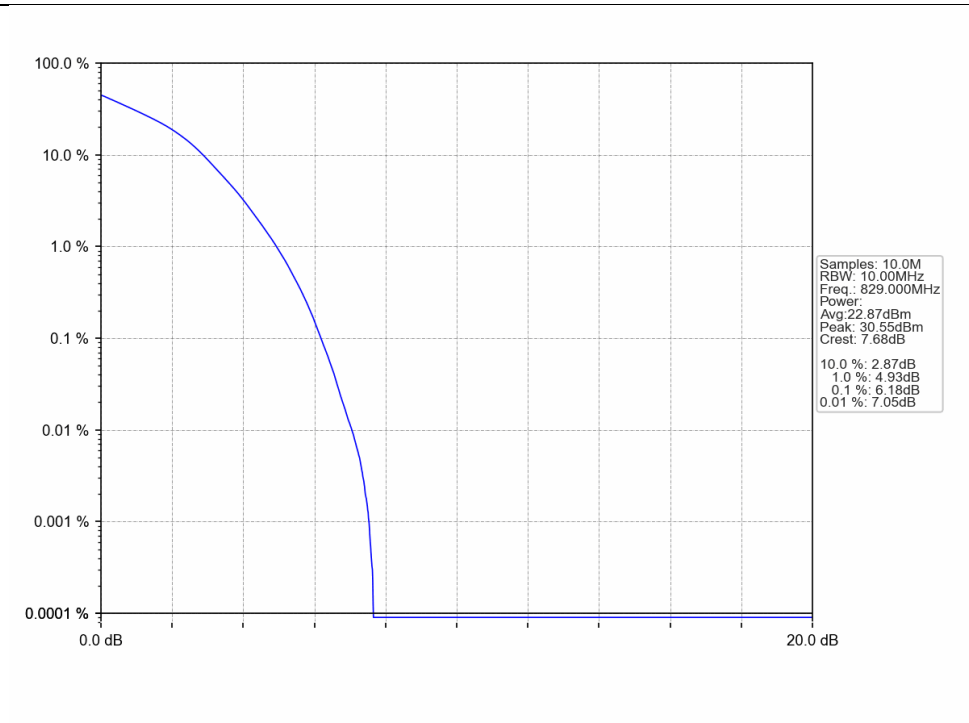

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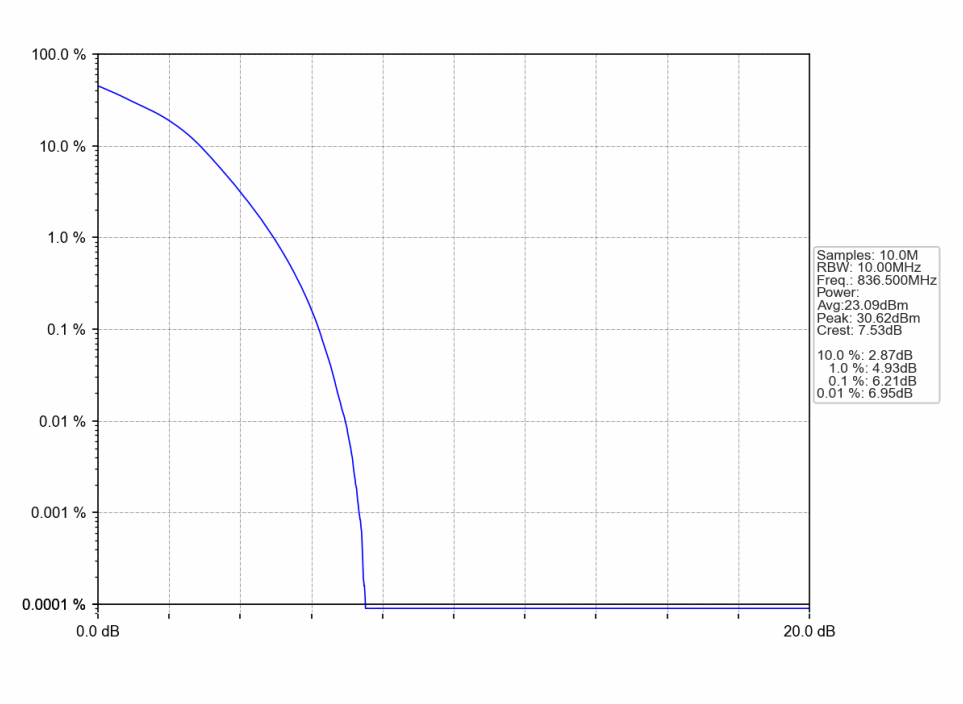

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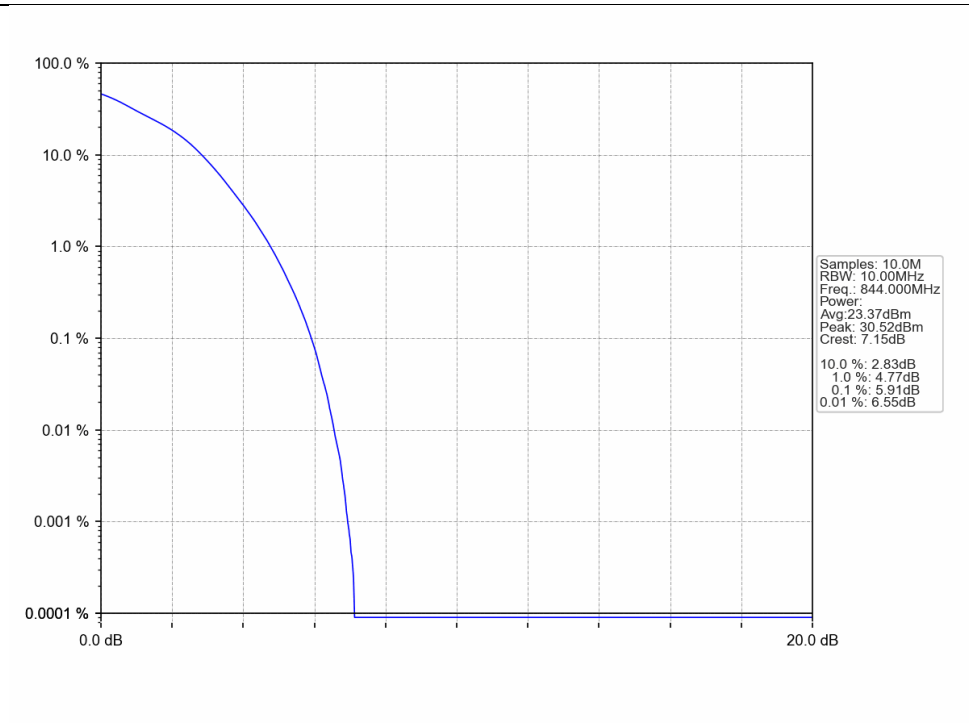

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6. Peak-Average Ratio

6.1 B66_1.4MHz

6.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.58	<=13	Pass
	1745	6	0	5.68	<=13	Pass
	1779.3	6	0	5.48	<=13	Pass
16QAM	1710.7	6	0	6.27	<=13	Pass
	1745	6	0	6.30	<=13	Pass
	1779.3	6	0	6.12	<=13	Pass

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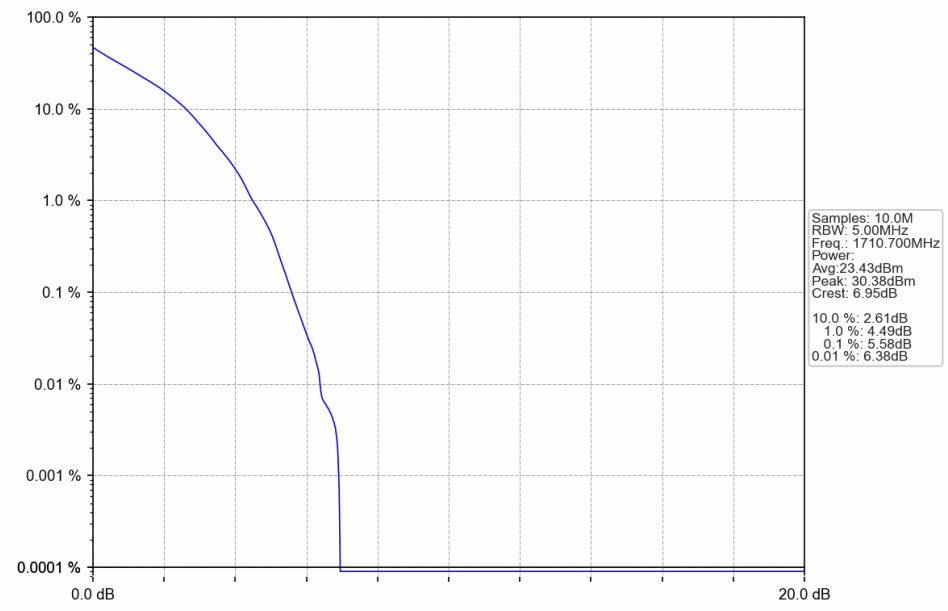
6.1.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

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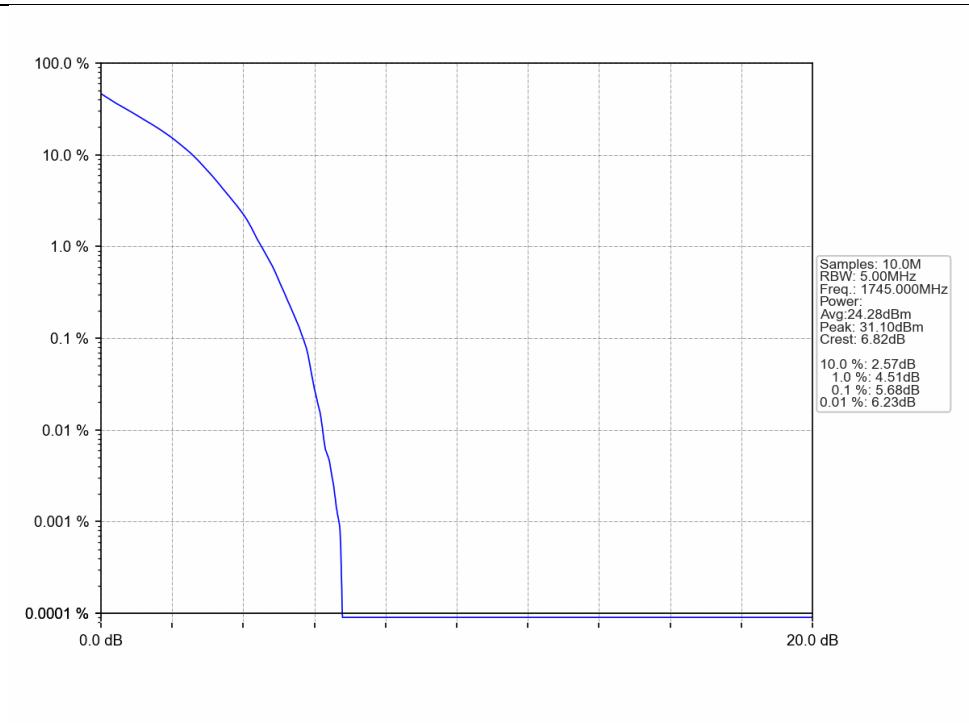

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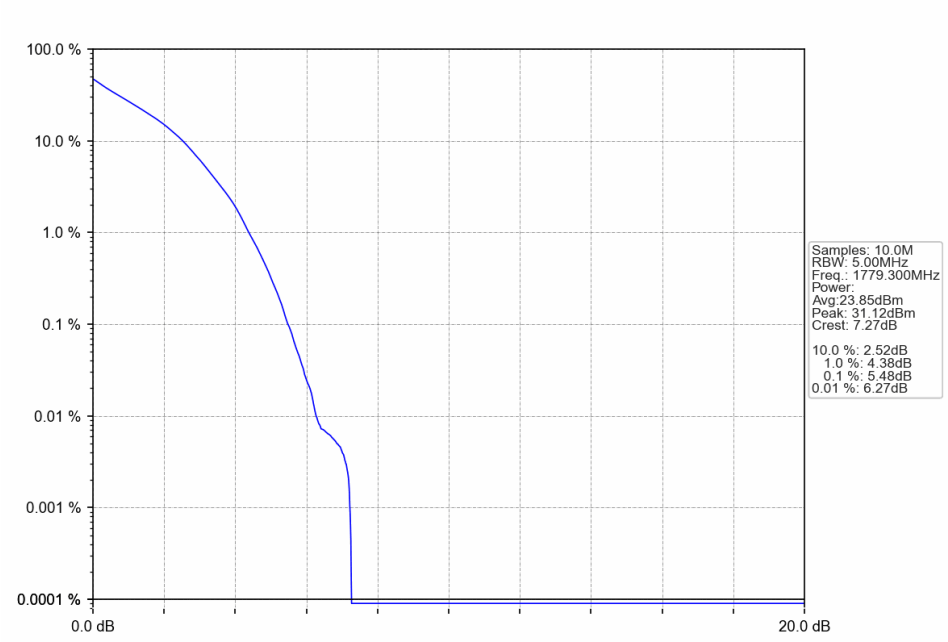
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

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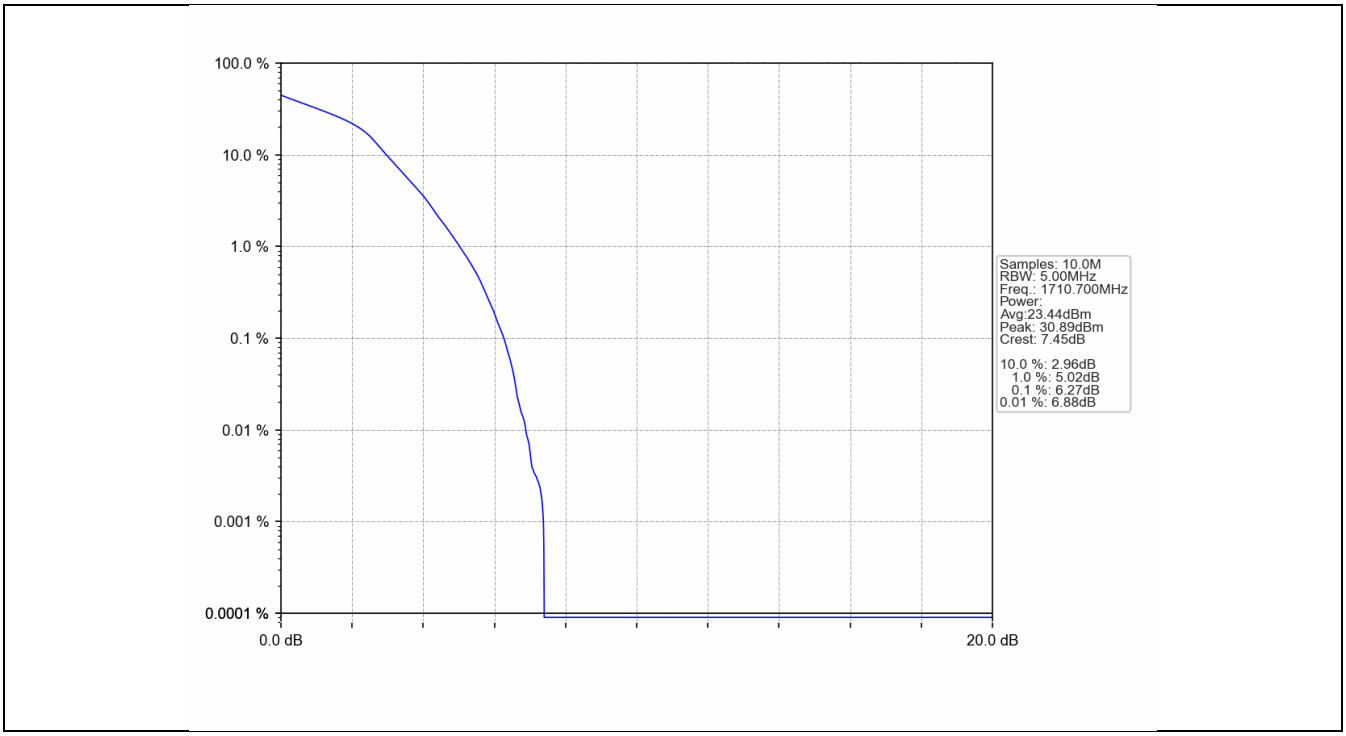

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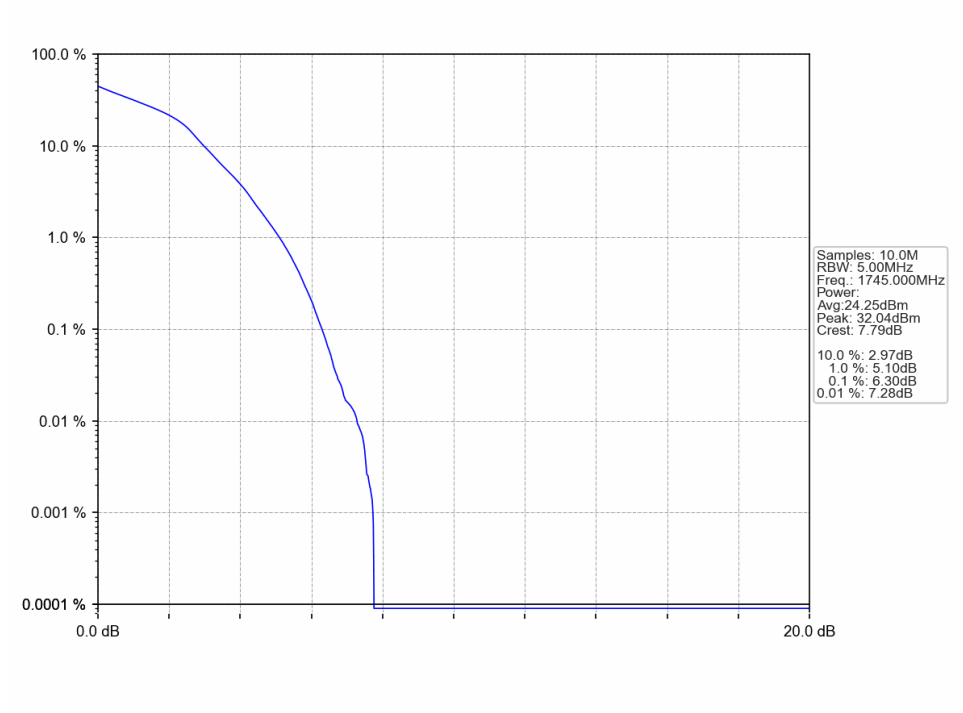
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

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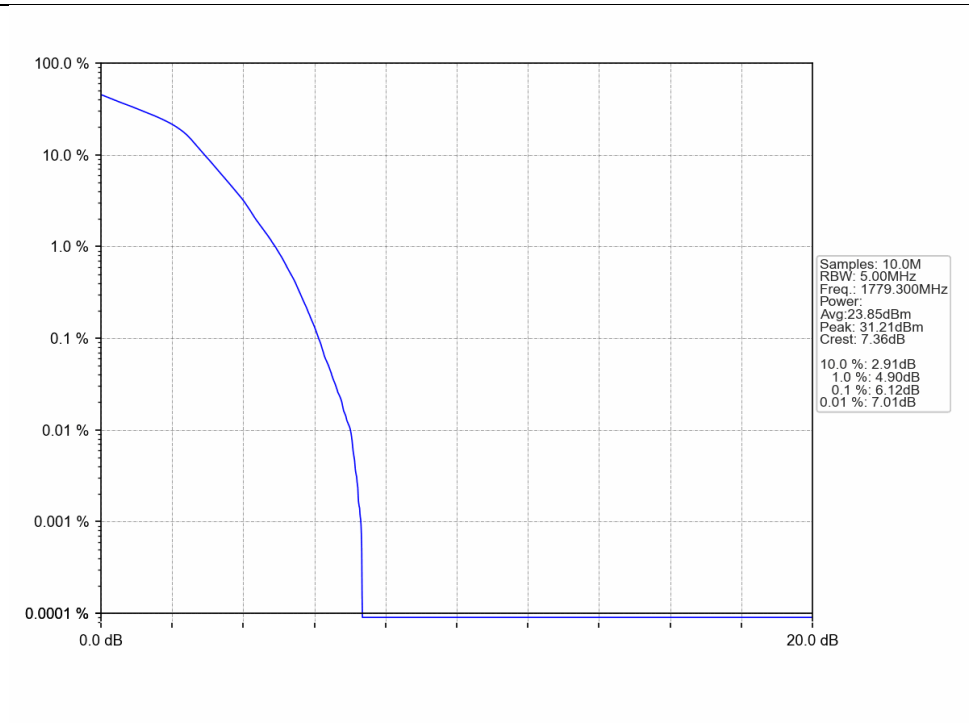

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6.2 B66_3MHz

6.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.72	<=13	Pass
	1745	15	0	5.42	<=13	Pass
	1778.5	15	0	5.49	<=13	Pass
16QAM	1711.5	15	0	6.33	<=13	Pass
	1745	15	0	6.19	<=13	Pass
	1778.5	15	0	6.18	<=13	Pass

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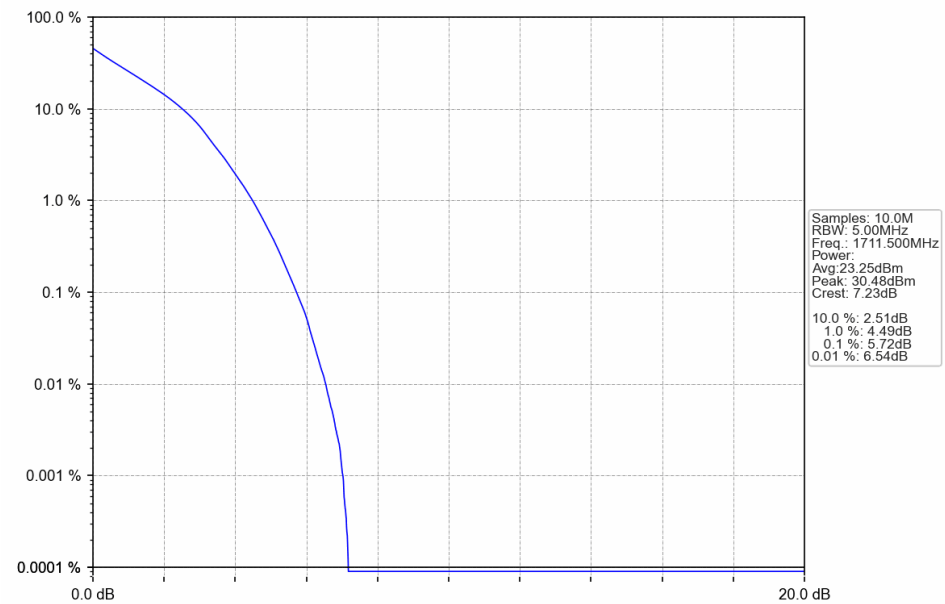
6.2.2 Test Graph

Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

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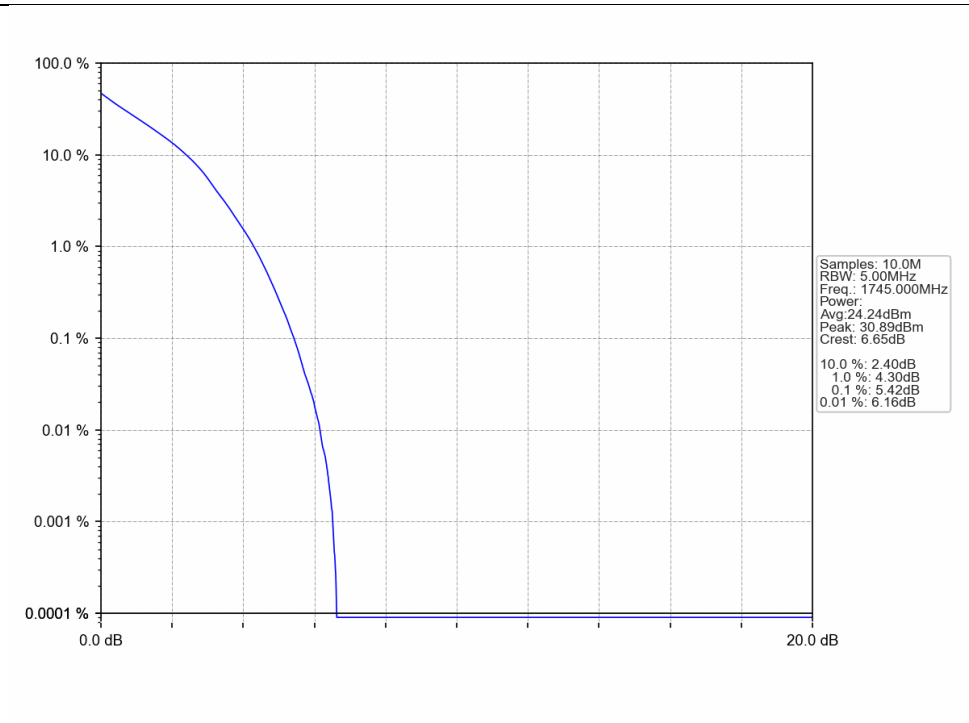

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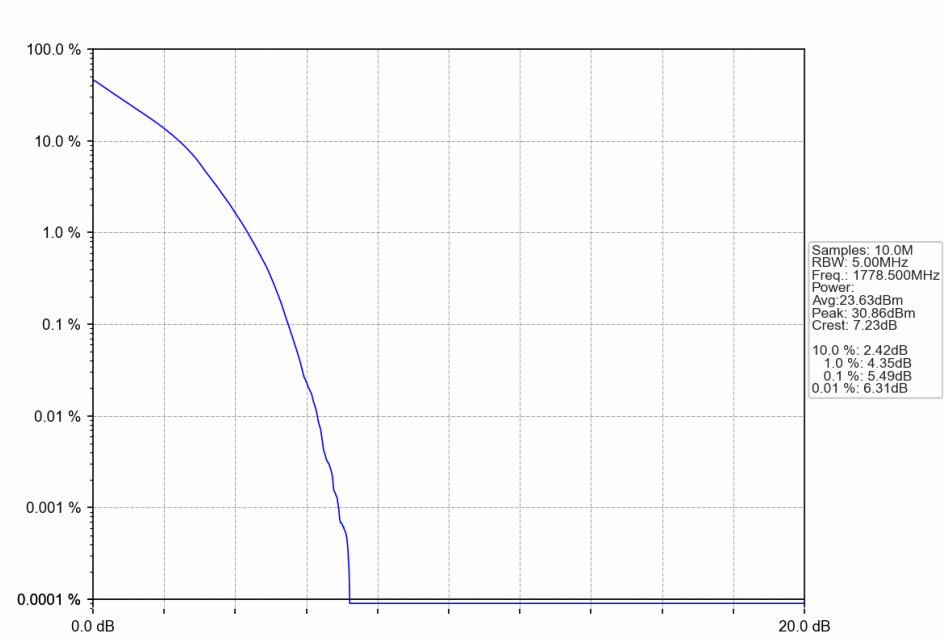
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

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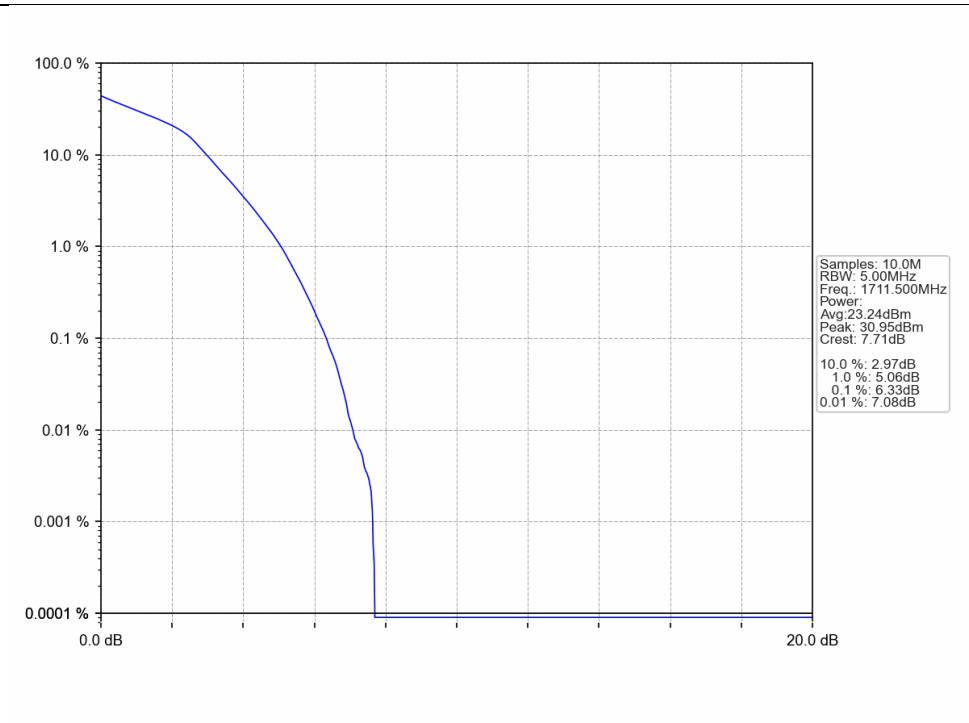

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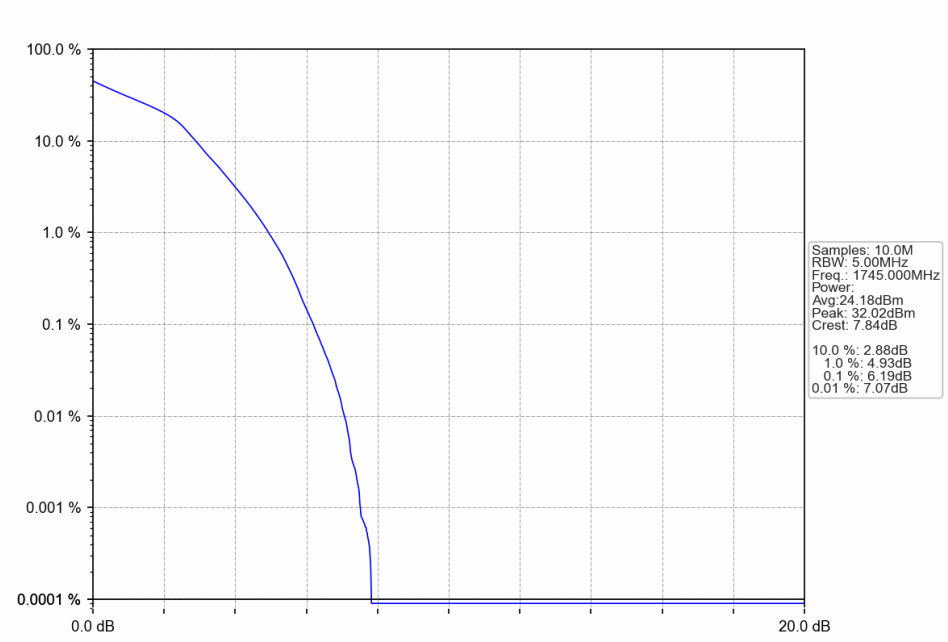

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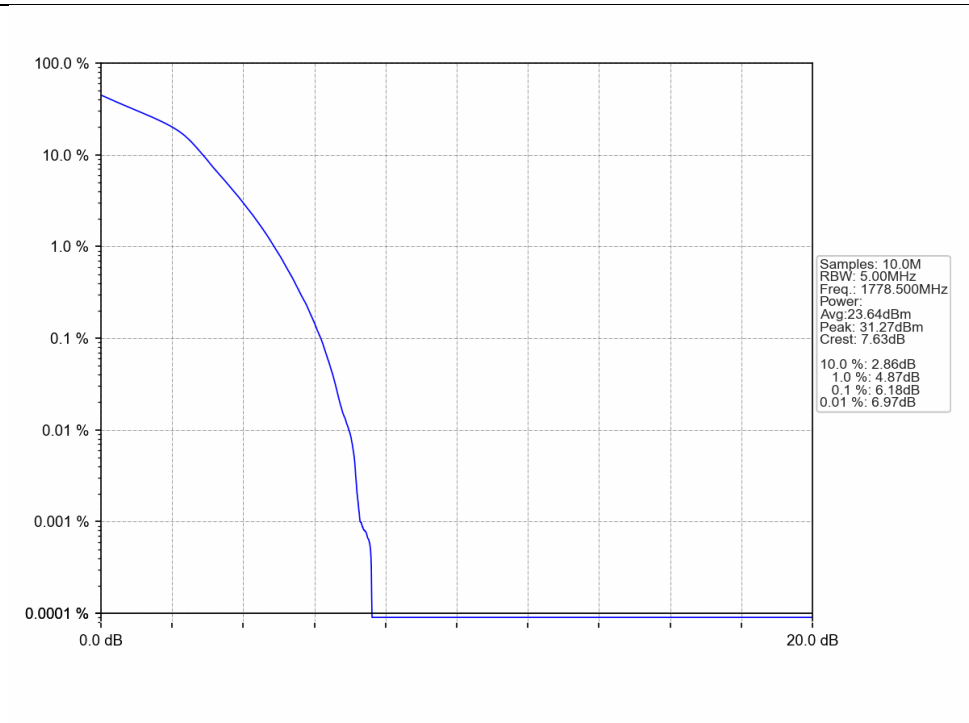

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6.3 B66_5MHz

6.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.73	<=13	Pass
	1745	25	0	5.60	<=13	Pass
	1777.5	25	0	5.46	<=13	Pass
16QAM	1712.5	25	0	6.33	<=13	Pass
	1745	25	0	6.21	<=13	Pass
	1777.5	25	0	6.13	<=13	Pass

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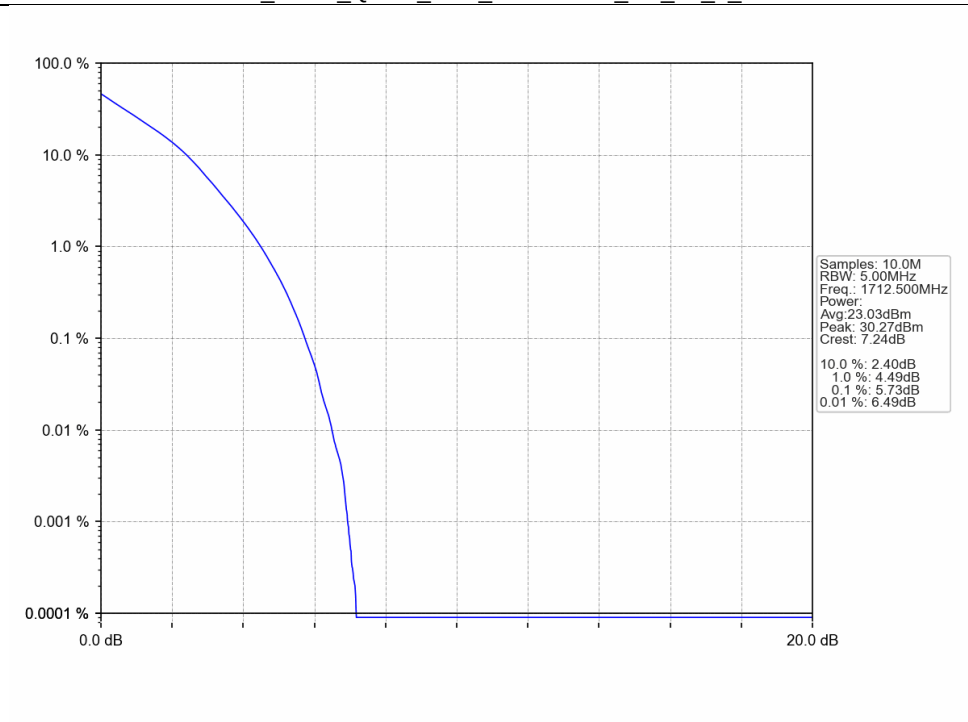
6.3.2 Test Graph

Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

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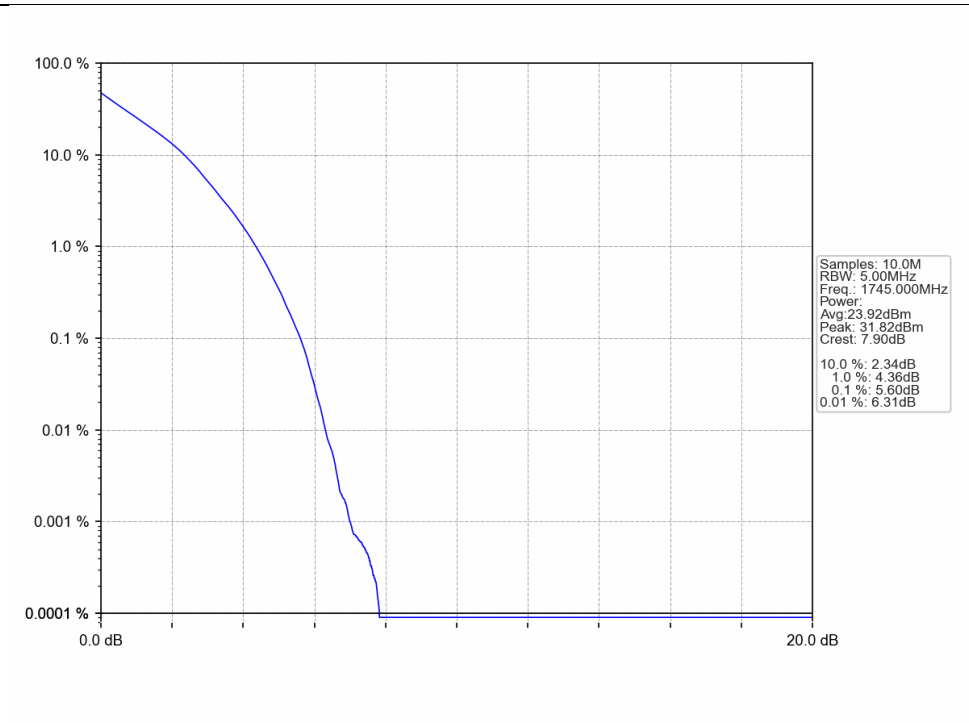

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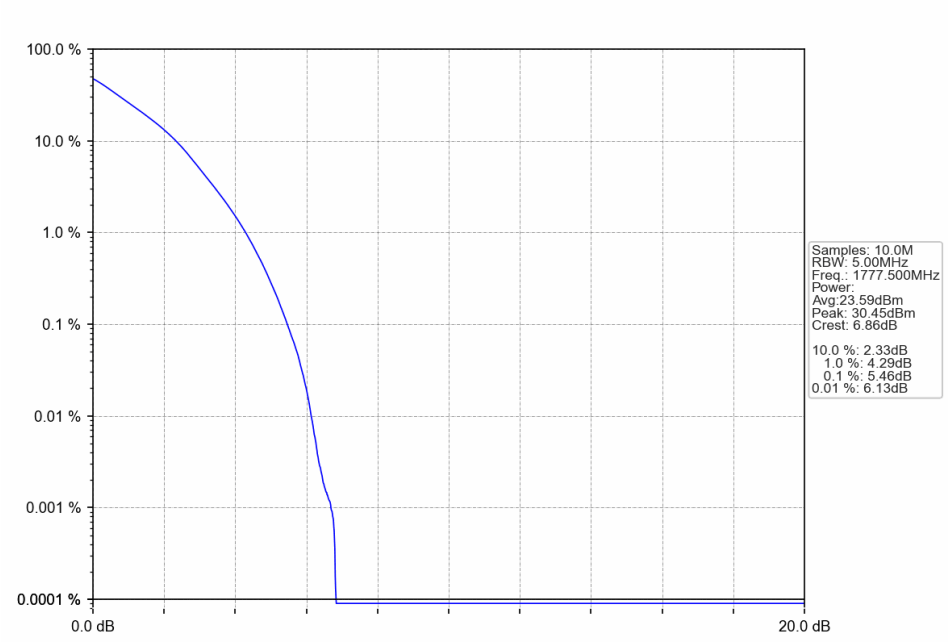
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

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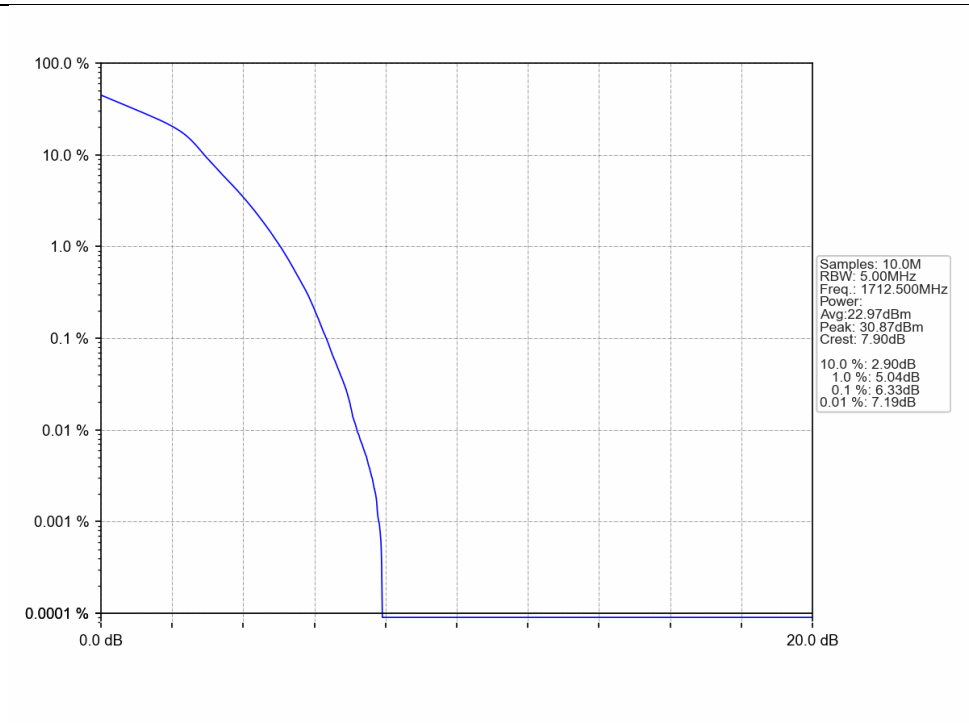

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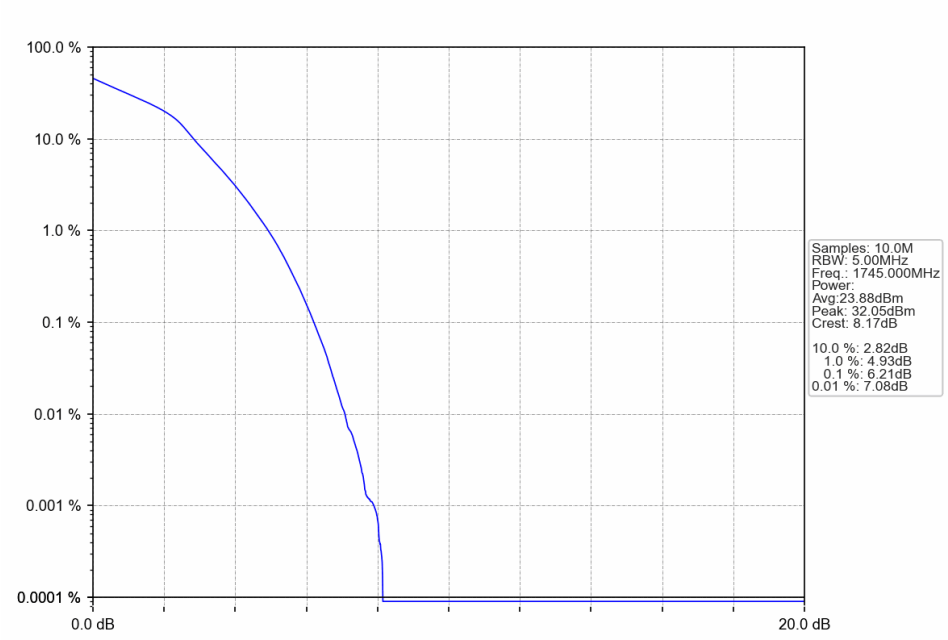

Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

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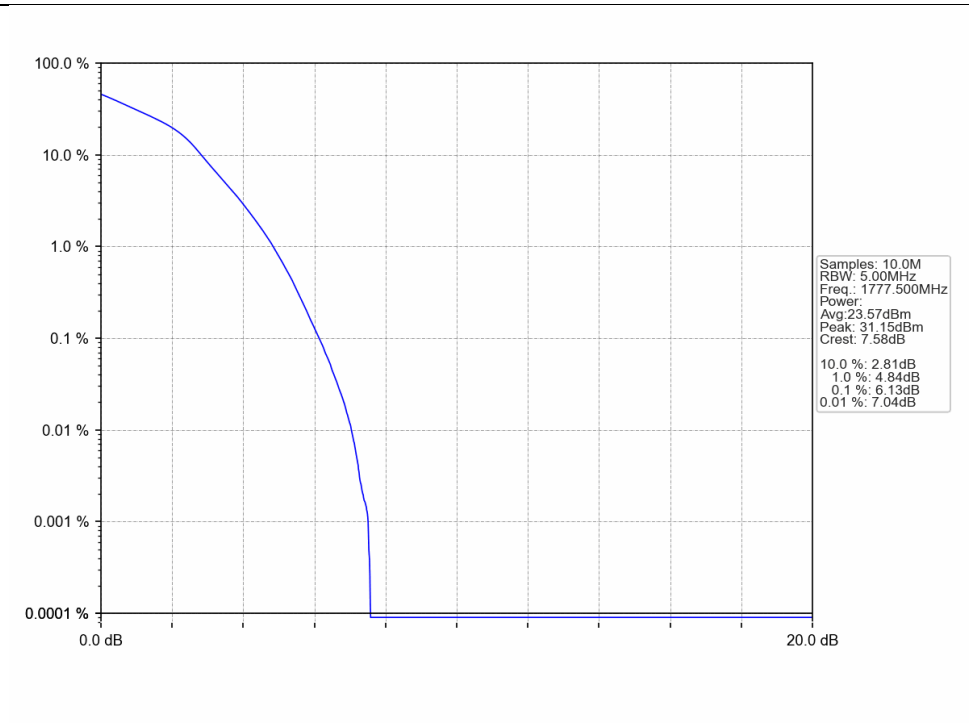

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6.4 B66_10MHz

6.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.67	<=13	Pass
	1745	50	0	5.64	<=13	Pass
	1775	50	0	5.36	<=13	Pass
16QAM	1715	50	0	6.31	<=13	Pass
	1745	50	0	6.38	<=13	Pass
	1775	50	0	6.07	<=13	Pass

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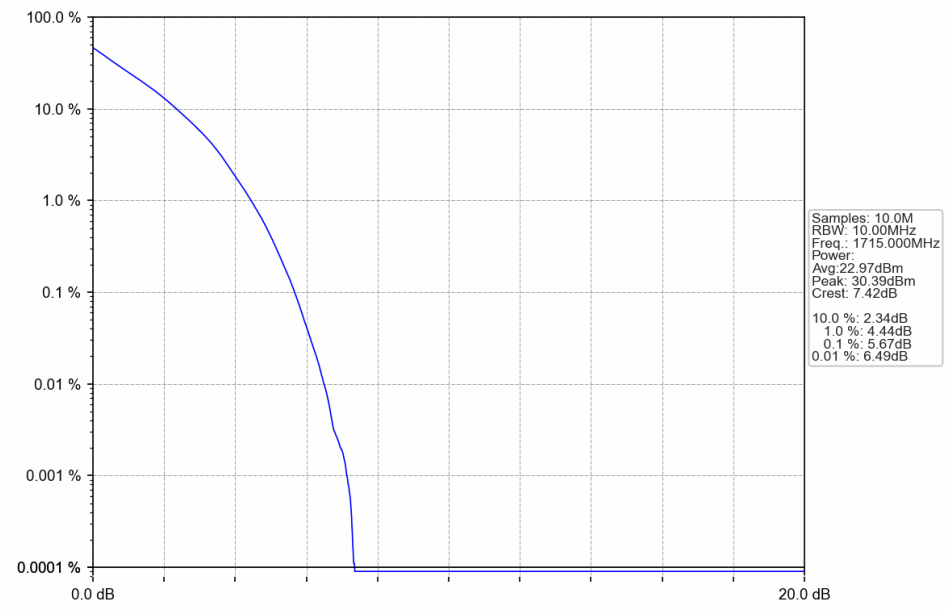
6.4.2 Test Graph

Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



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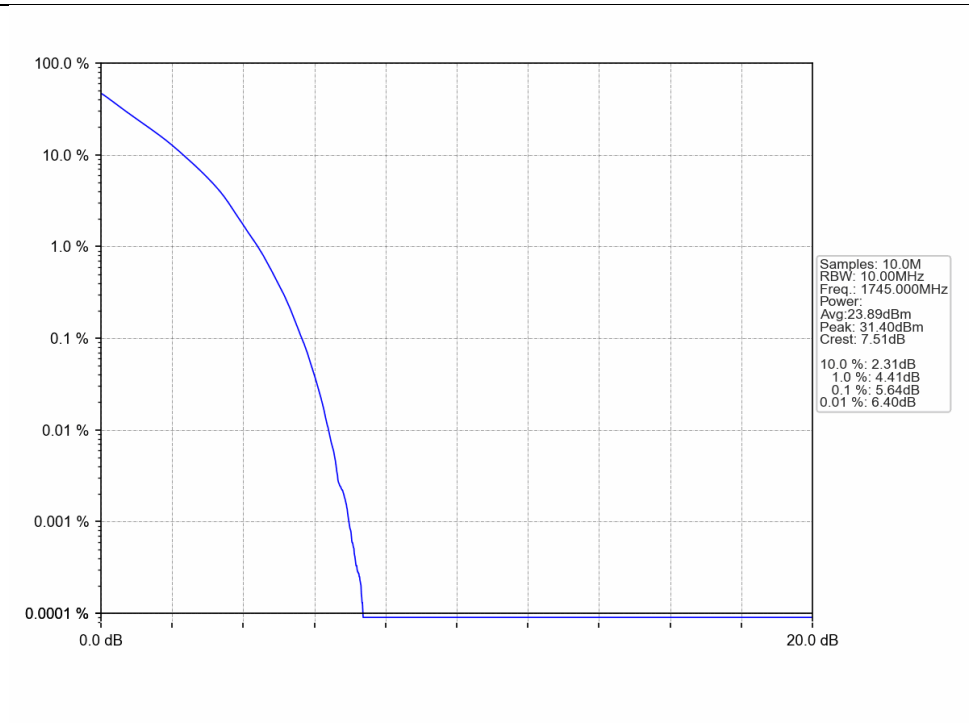

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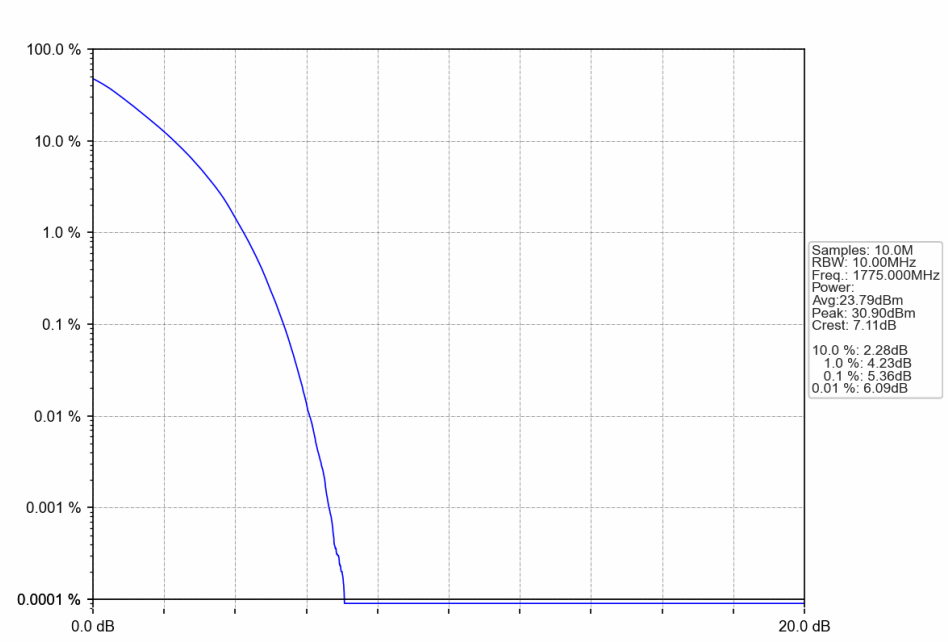
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



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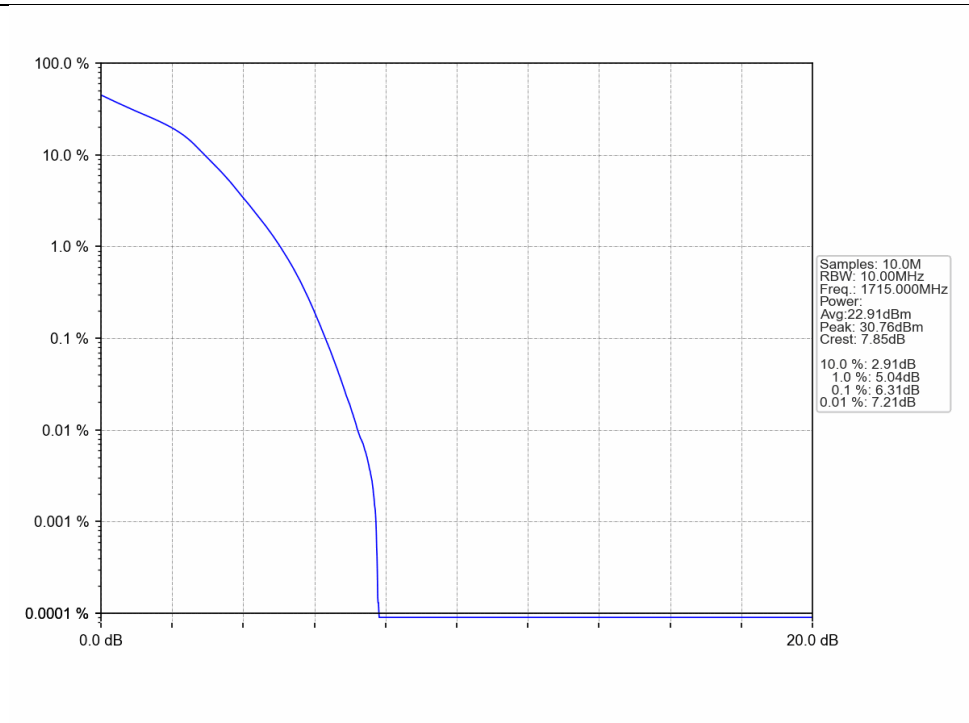

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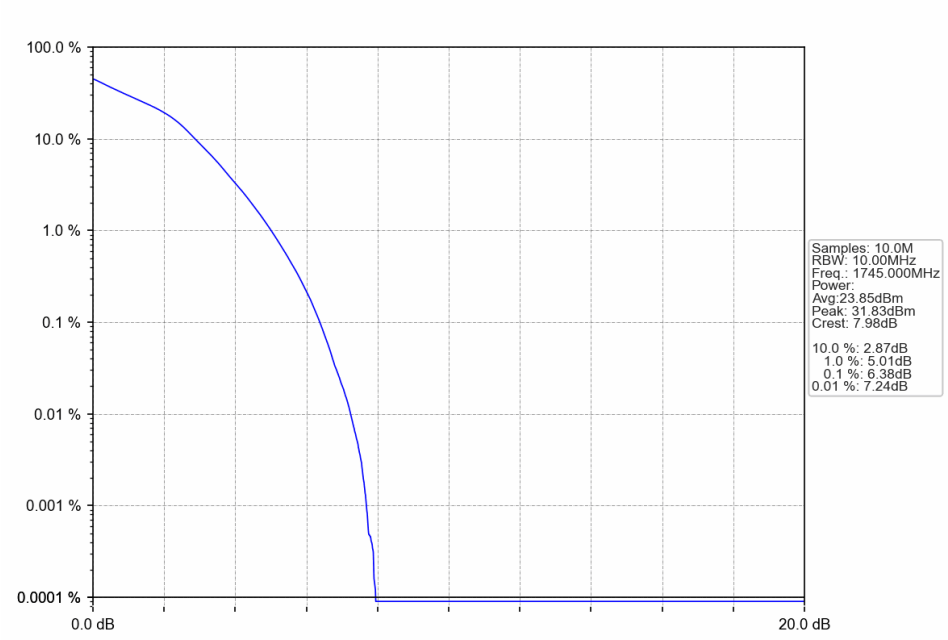

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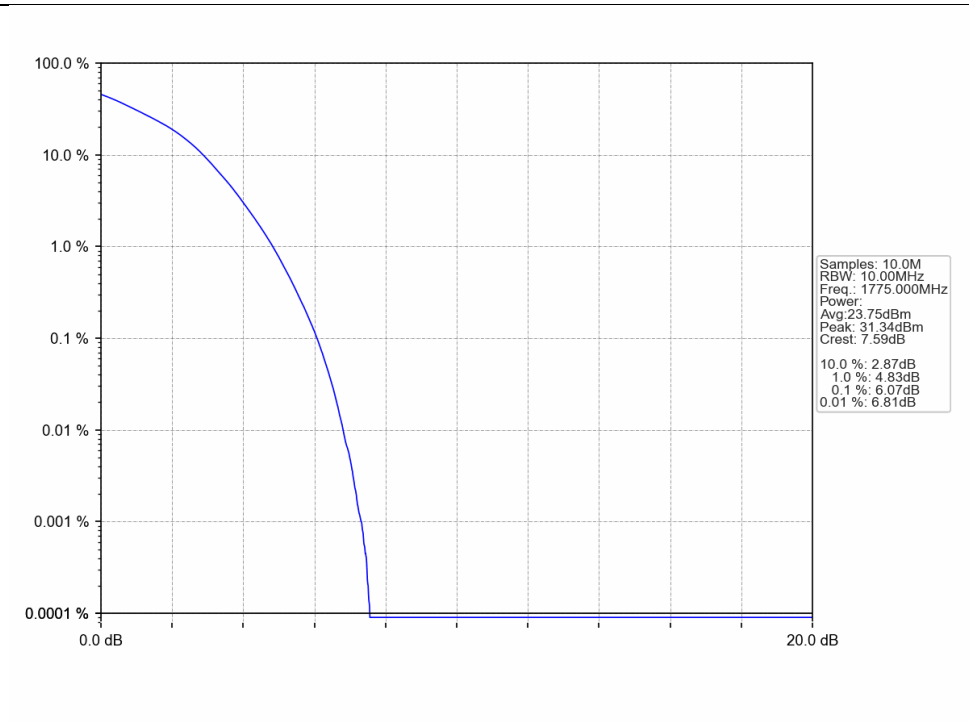

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6.5 B66_15MHz

6.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.37	<=13	Pass
	1745	75	0	5.42	<=13	Pass
	1772.5	75	0	5.05	<=13	Pass
16QAM	1717.5	75	0	6.12	<=13	Pass
	1745	75	0	6.17	<=13	Pass
	1772.5	75	0	5.92	<=13	Pass

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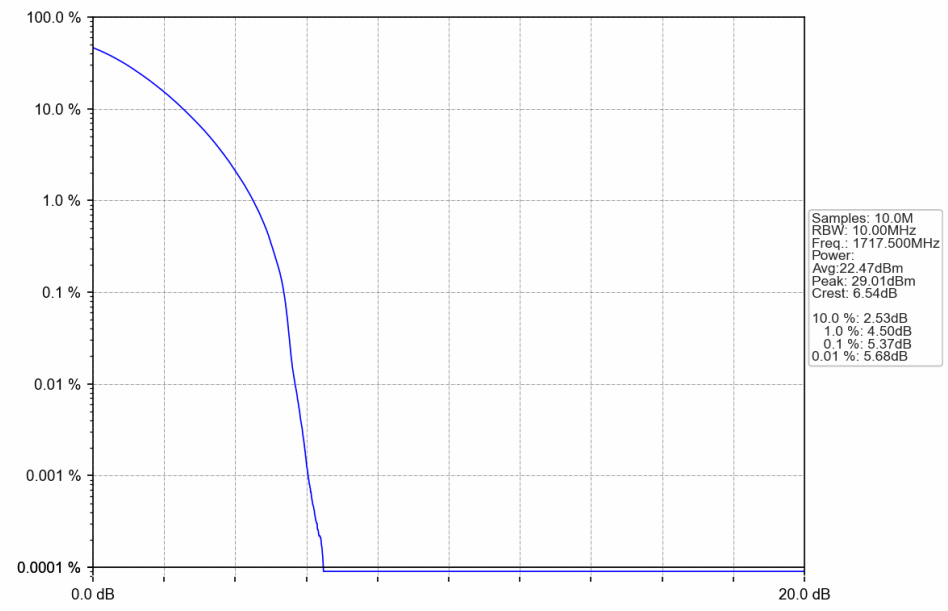
6.5.2 Test Graph

Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

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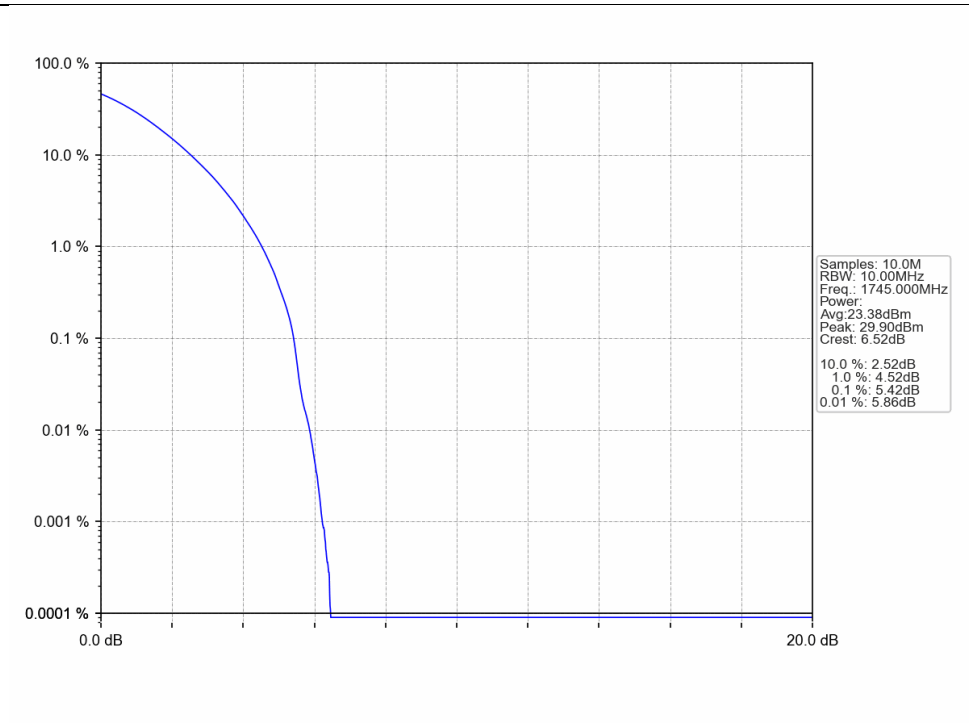

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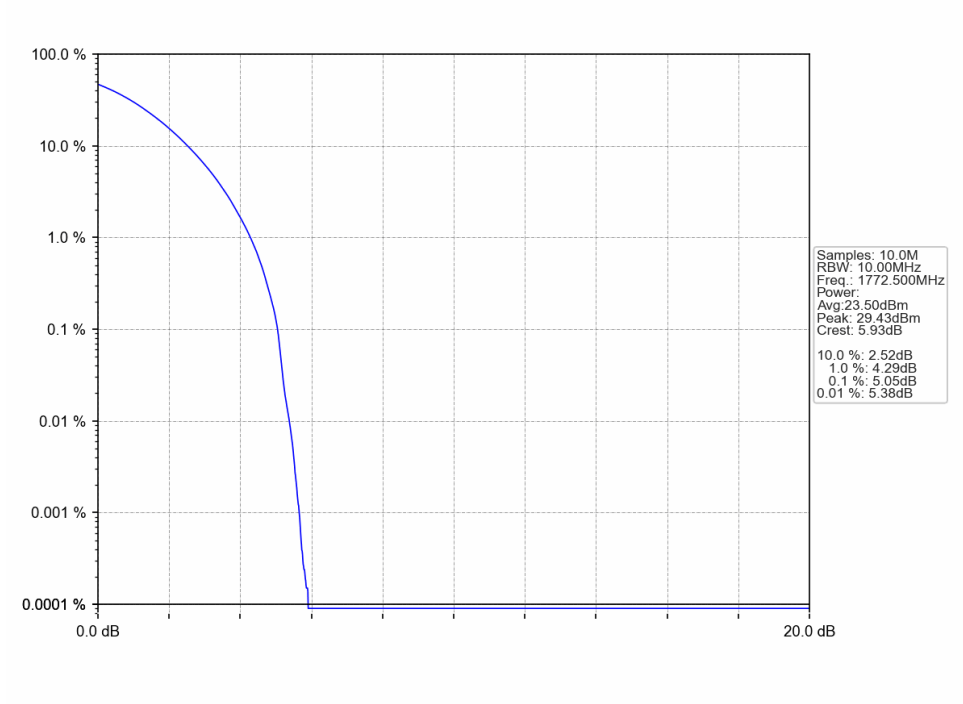
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

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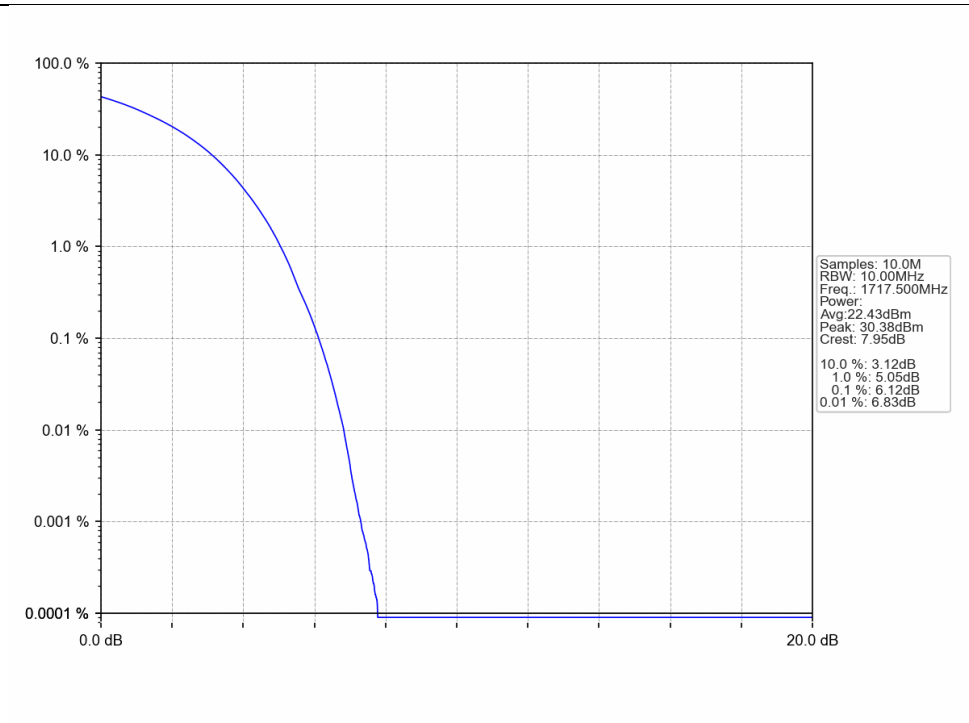

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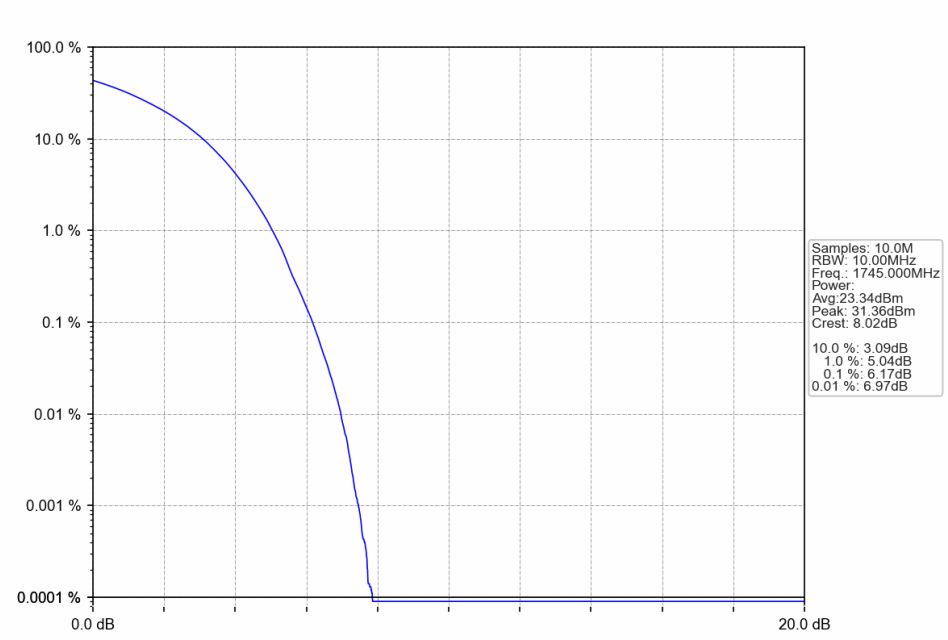
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

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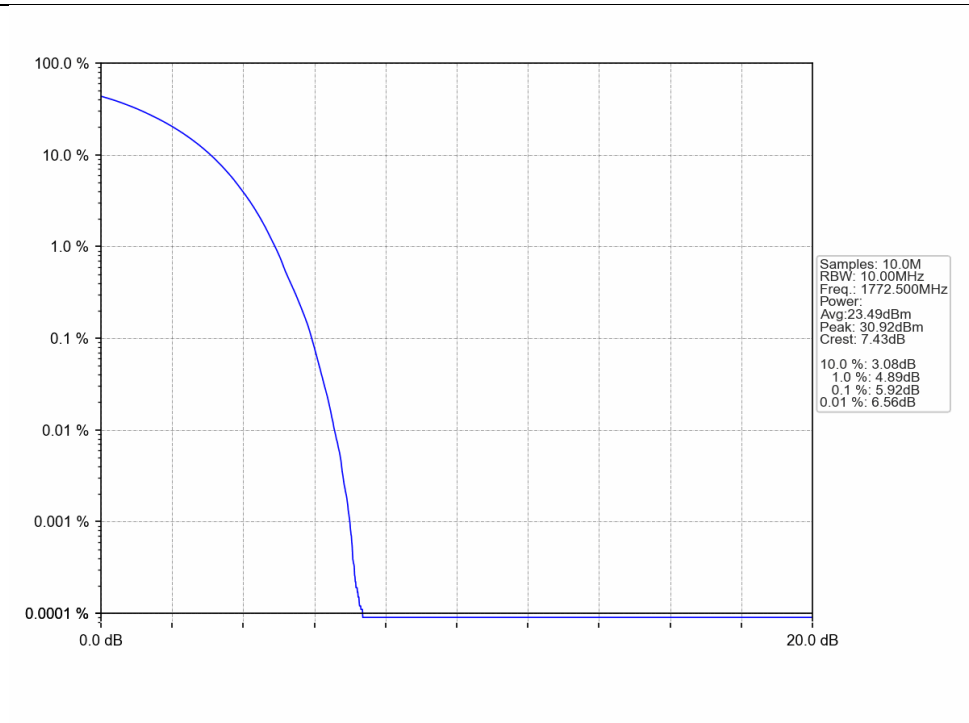

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6.6 B66_20MHz

6.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.36	<=13	Pass
	1745	100	0	5.67	<=13	Pass
	1770	100	0	5.24	<=13	Pass
16QAM	1720	100	0	6.18	<=13	Pass
	1745	100	0	6.38	<=13	Pass
	1770	100	0	6.02	<=13	Pass

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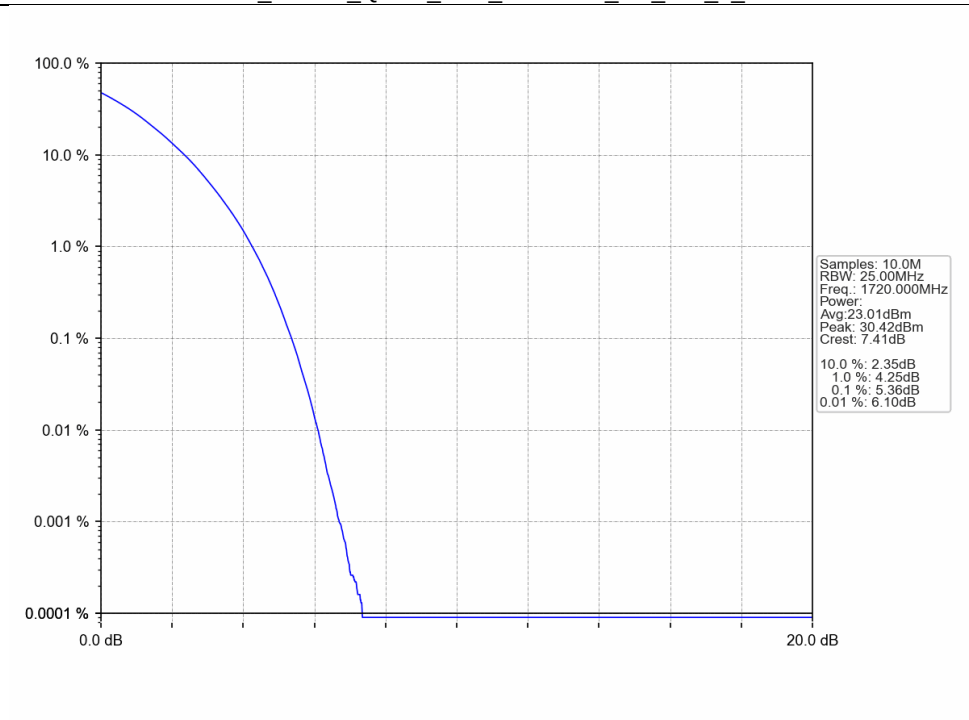
6.6.2 Test Graph

Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

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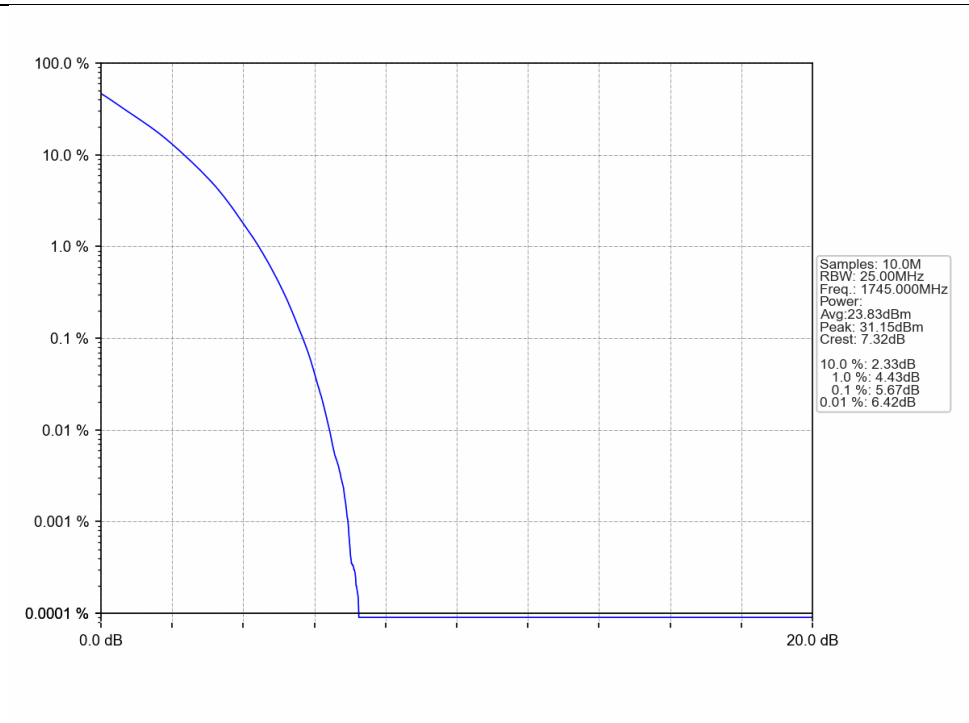

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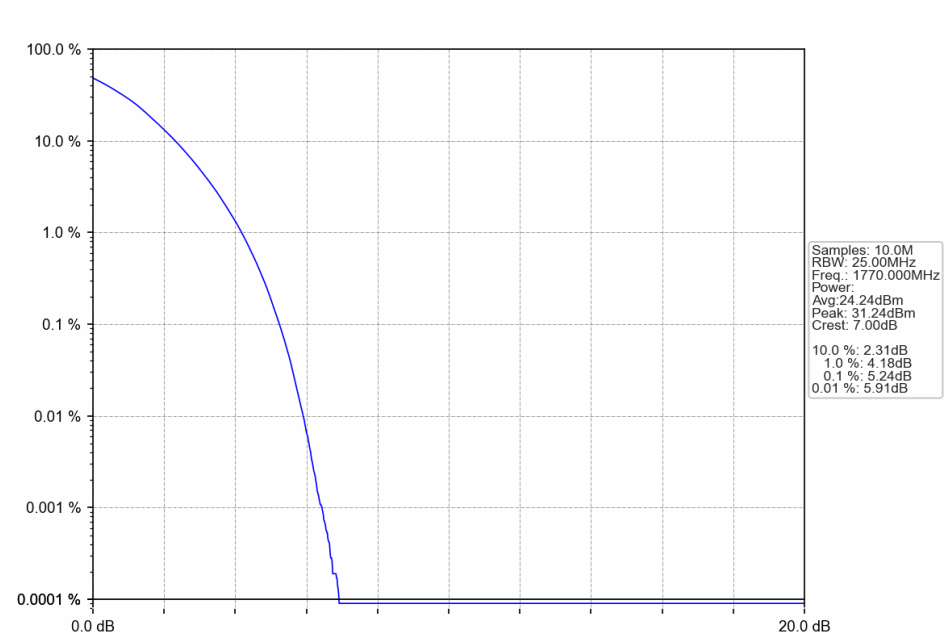

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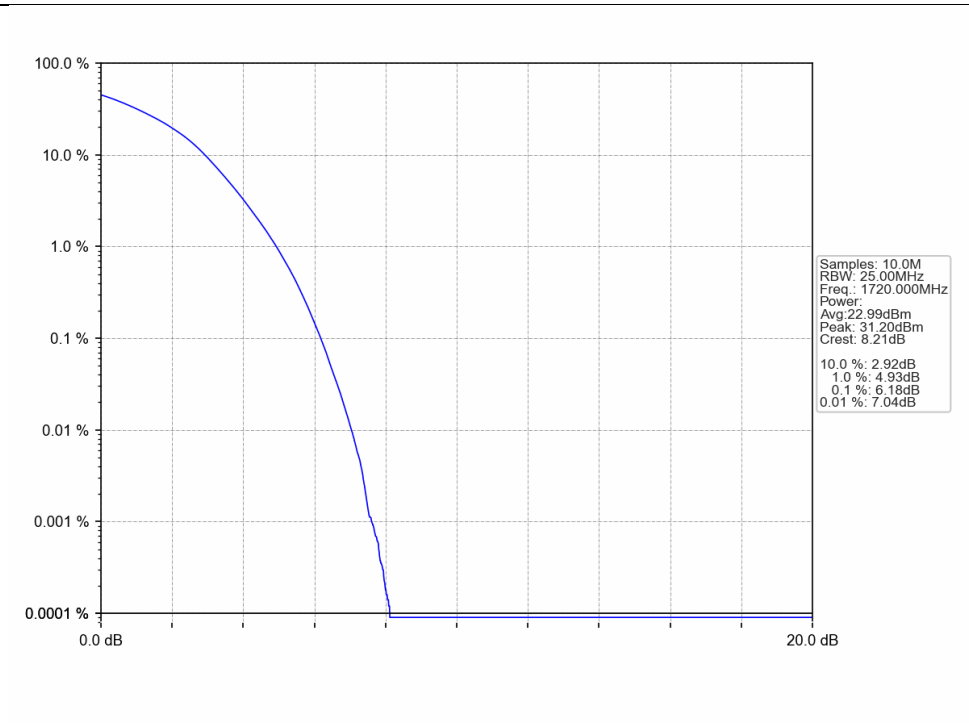

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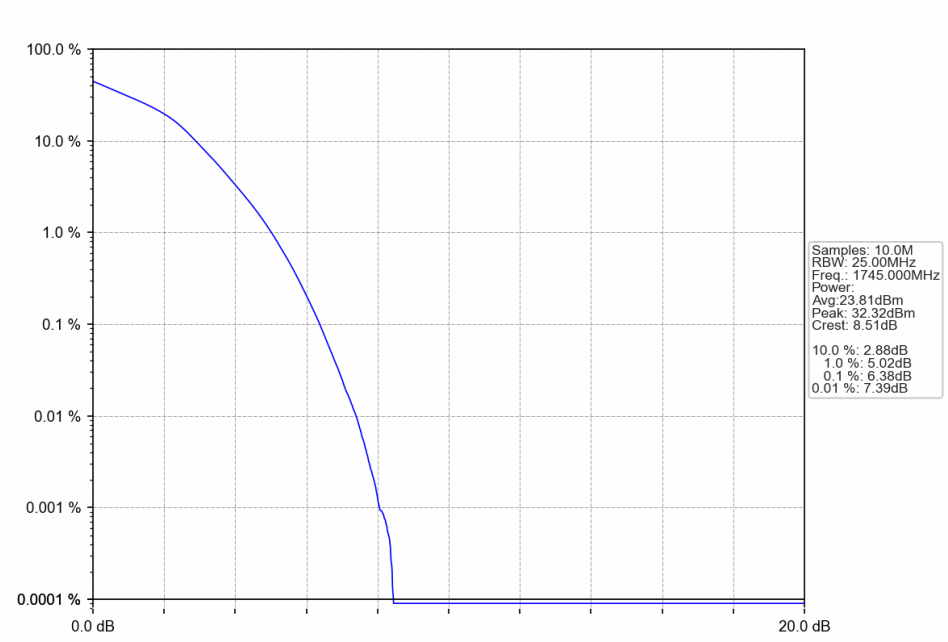

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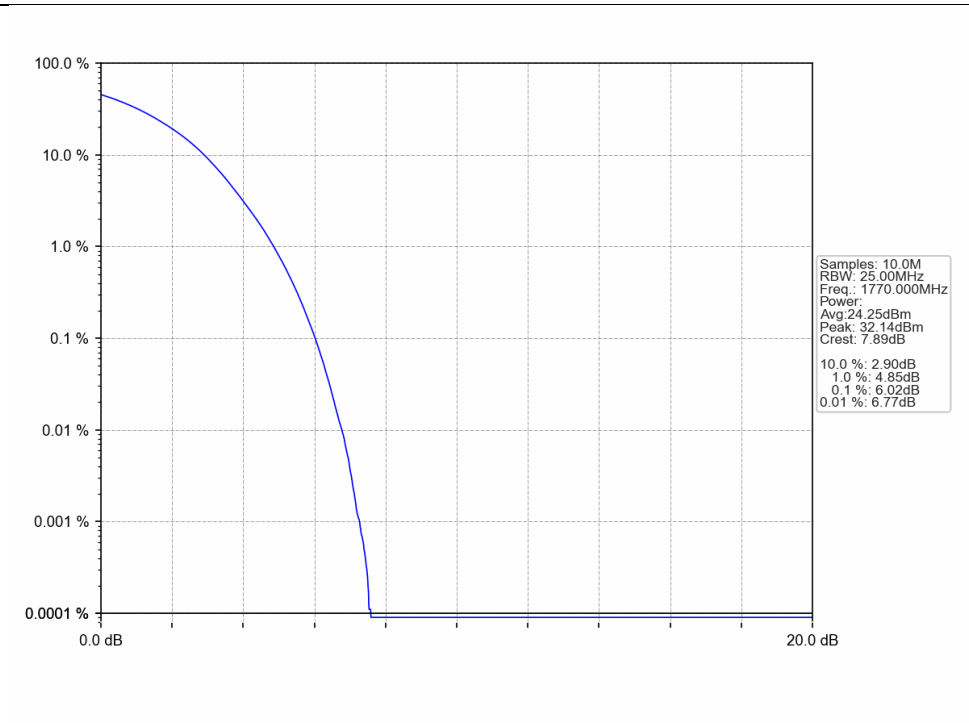

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7. Peak-Average Ratio

7.1 B71_5MHz

7.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.41	<=13	Pass
	680.5	25	0	4.83	<=13	Pass
	695.5	25	0	4.31	<=13	Pass
16QAM	665.5	25	0	5.80	<=13	Pass
	680.5	25	0	5.10	<=13	Pass
	695.5	25	0	4.55	<=13	Pass

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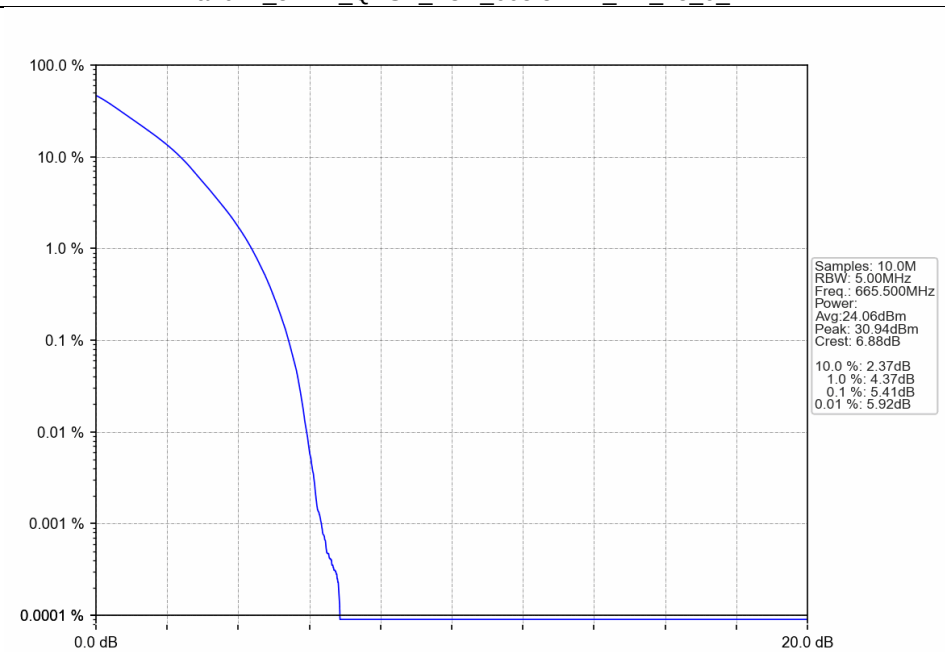
7.1.2 Test Graph

Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV

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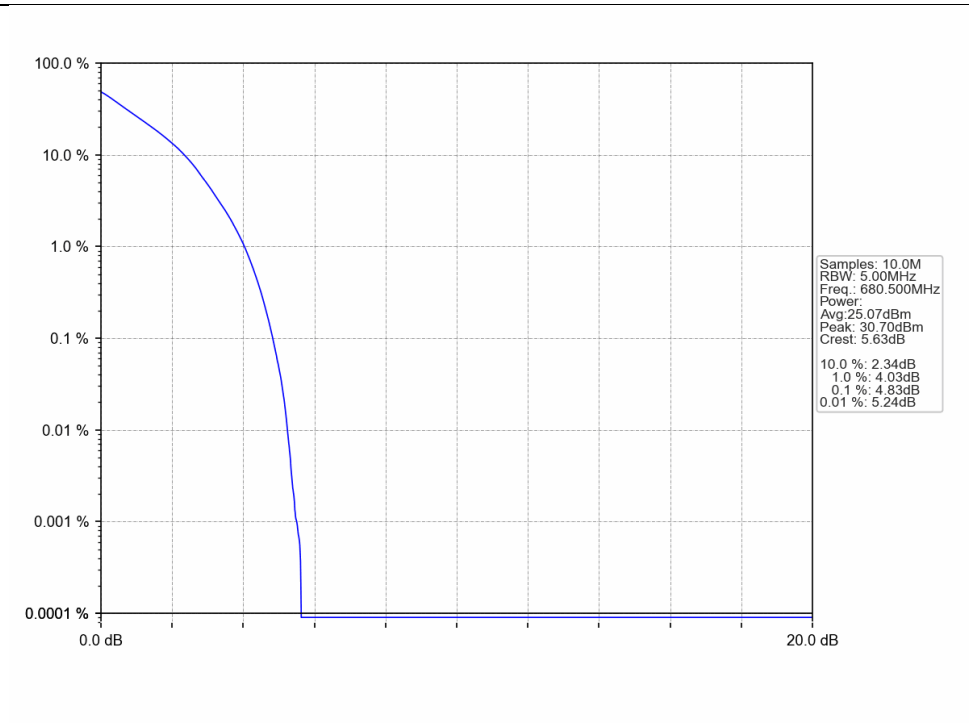

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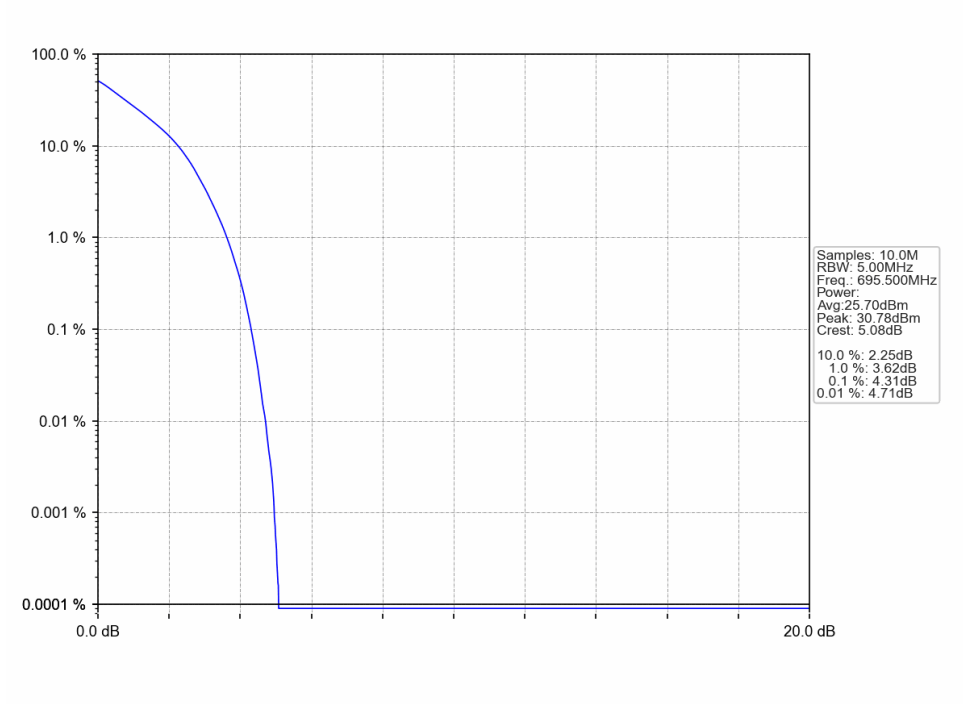
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

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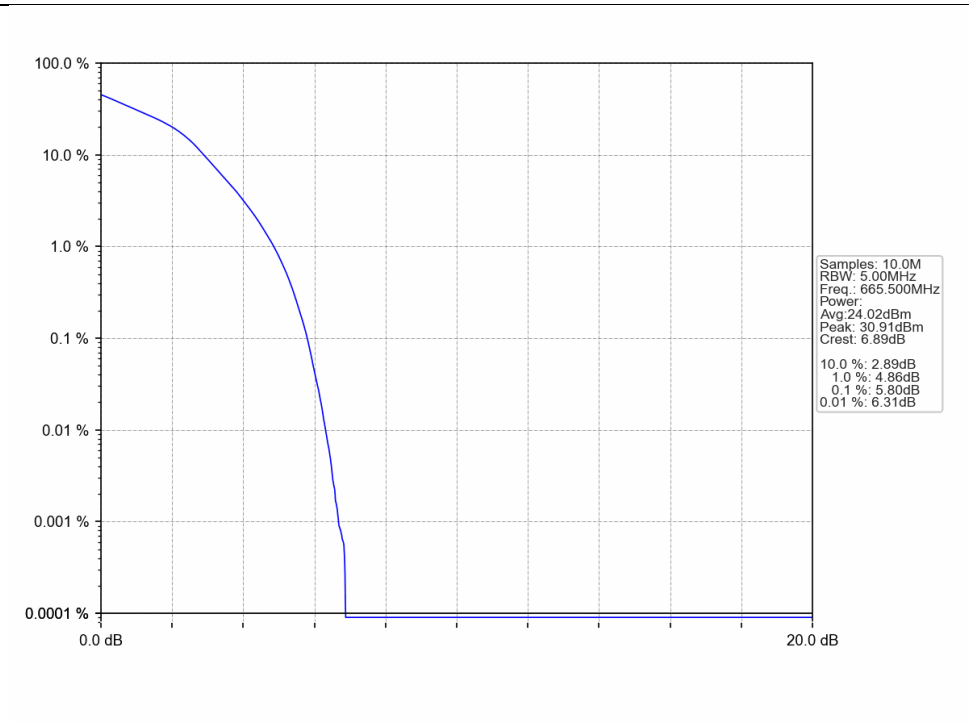

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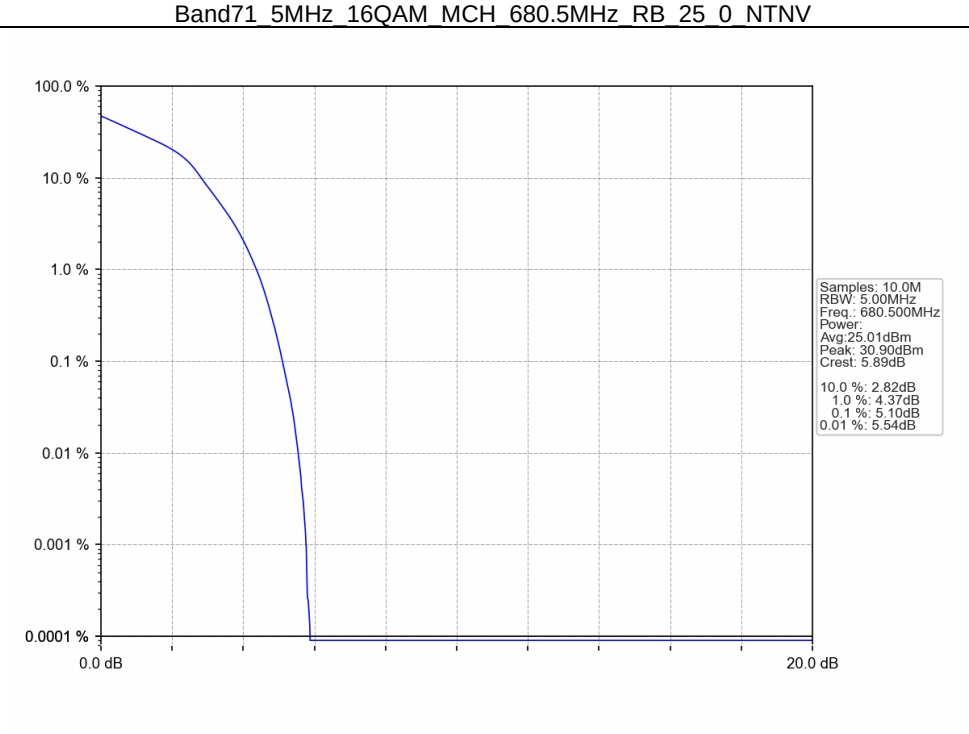
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV

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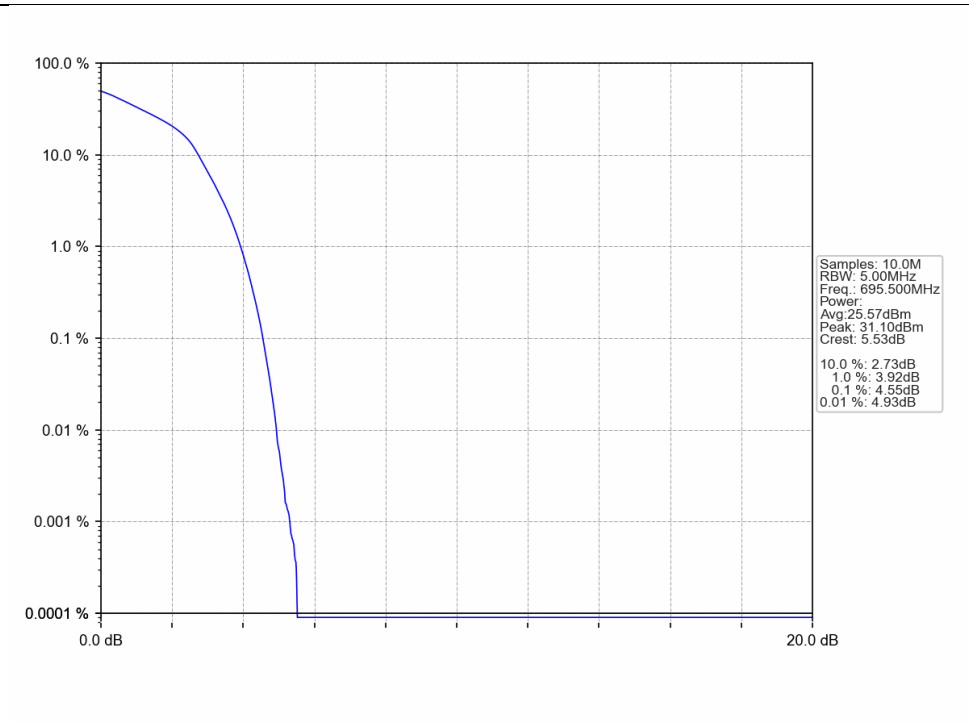

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7.2 B71_10MHz

7.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.51	<=13	Pass
	680.5	50	0	4.98	<=13	Pass
	693	50	0	4.83	<=13	Pass
16QAM	668	50	0	6.02	<=13	Pass
	680.5	50	0	5.26	<=13	Pass
	693	50	0	5.17	<=13	Pass

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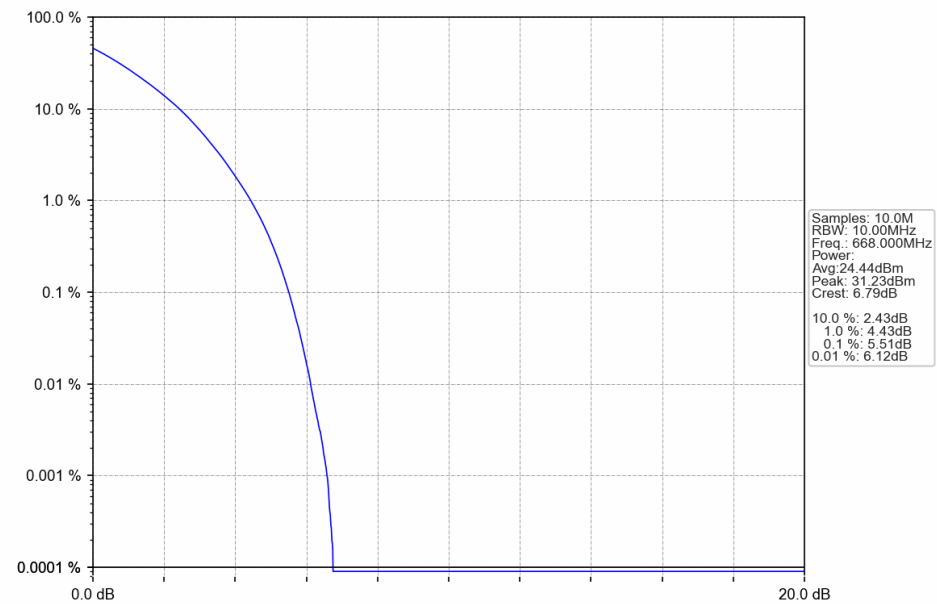
7.2.2 Test Graph

Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV

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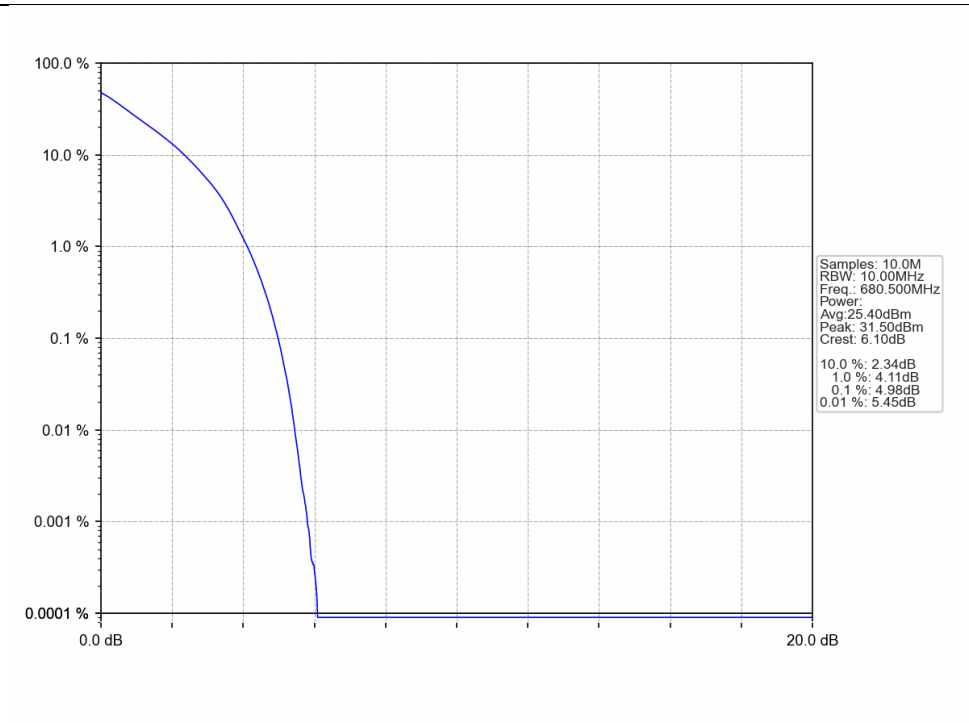

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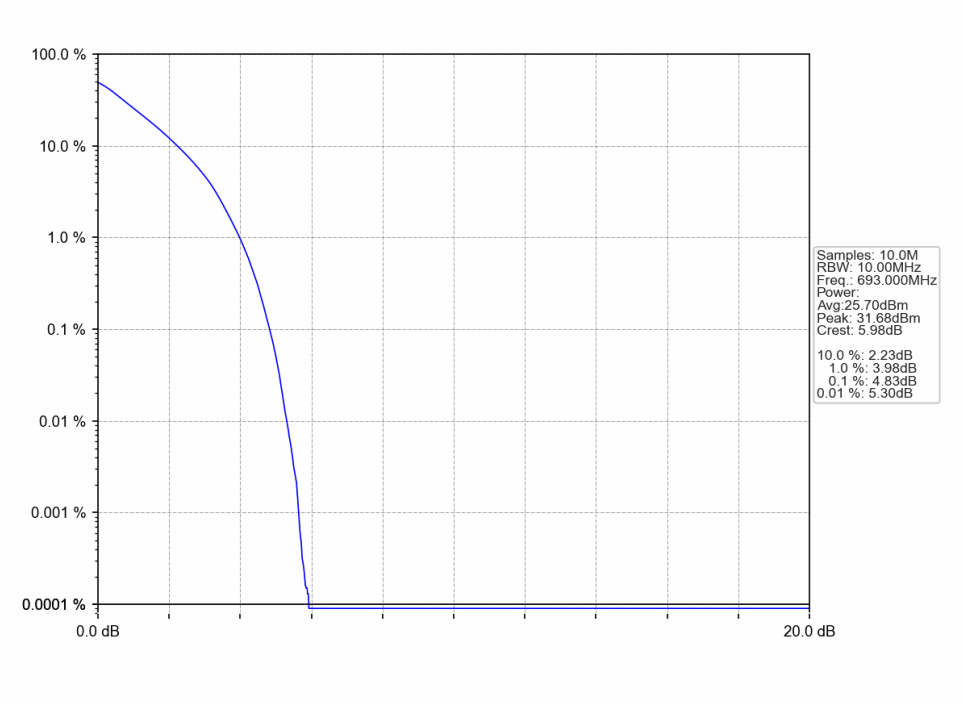

Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV

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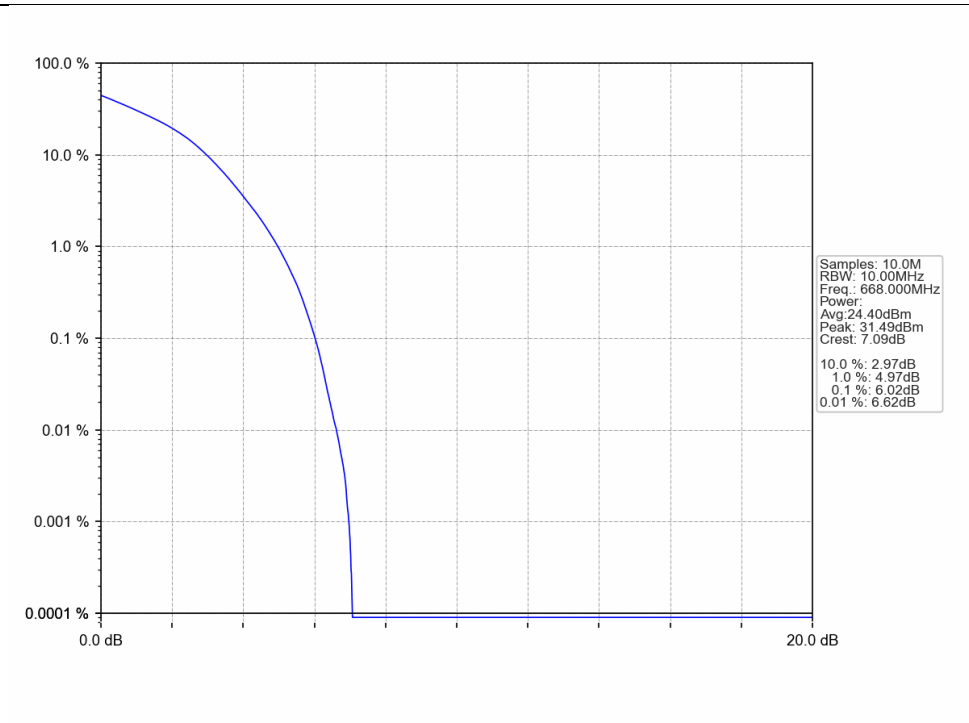

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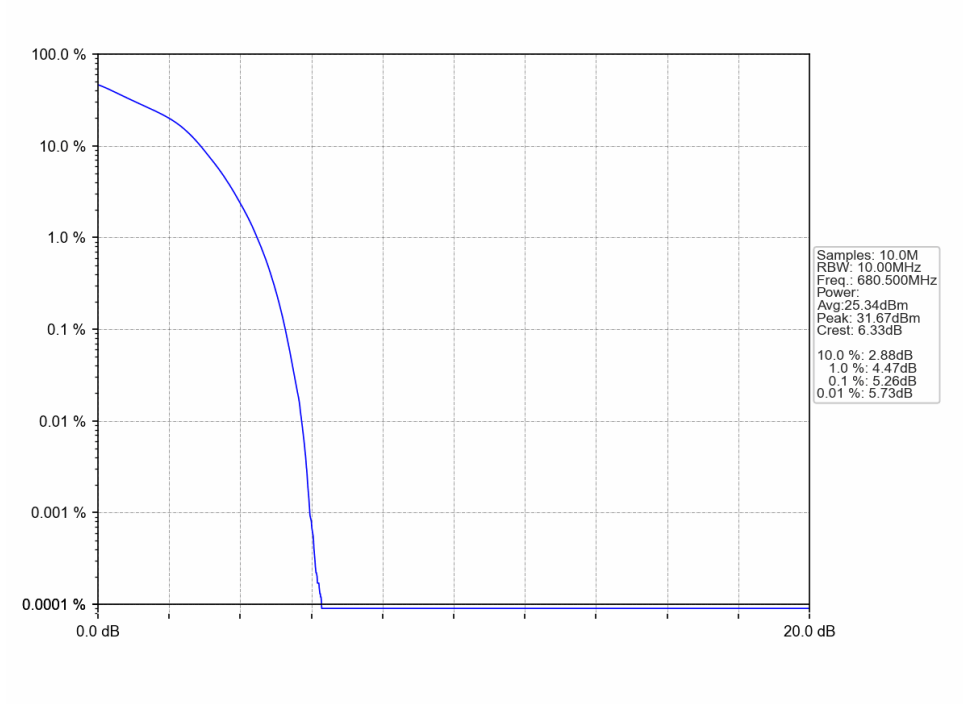

Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV

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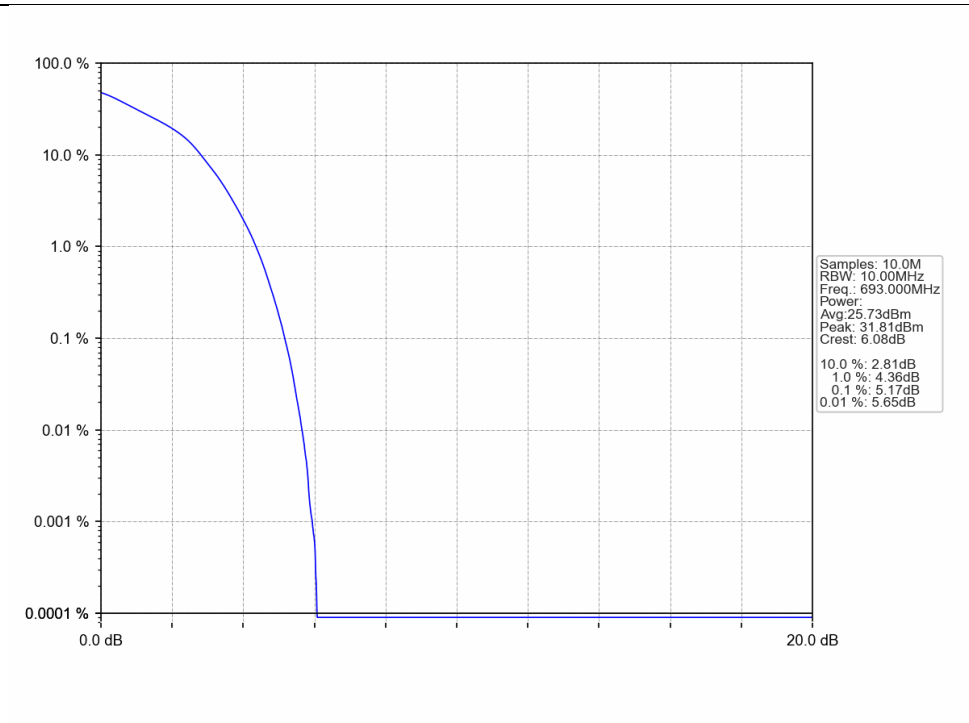

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7.3 B71_15MHz

7.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.12	<=13	Pass
	680.5	75	0	5.02	<=13	Pass
	690.5	75	0	4.82	<=13	Pass
16QAM	670.5	75	0	5.89	<=13	Pass
	680.5	75	0	5.60	<=13	Pass
	690.5	75	0	5.58	<=13	Pass

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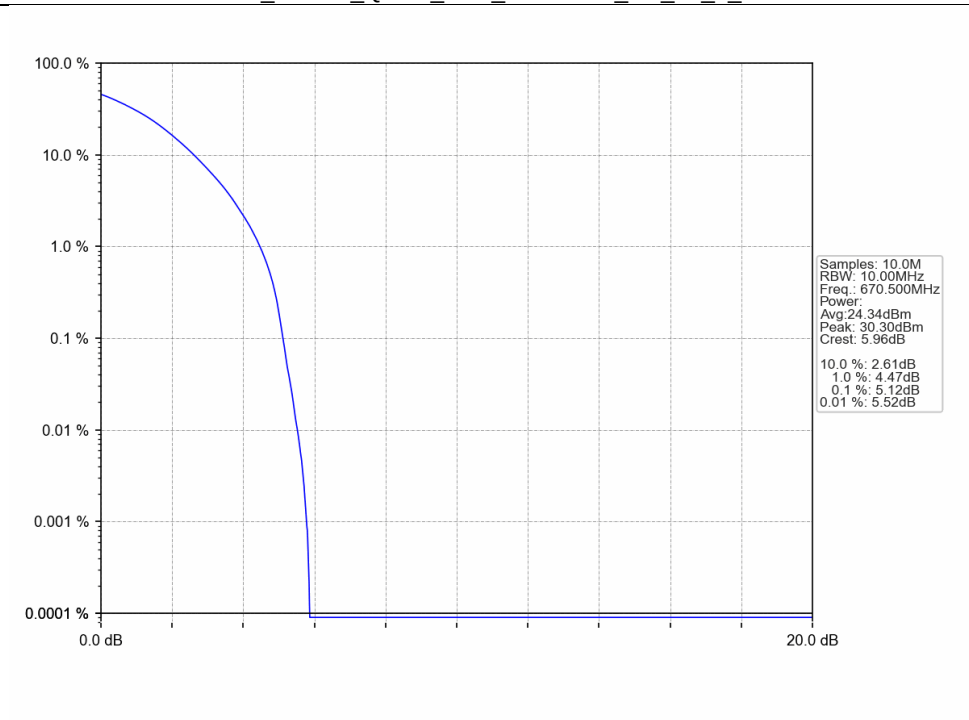
7.3.2 Test Graph

Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV

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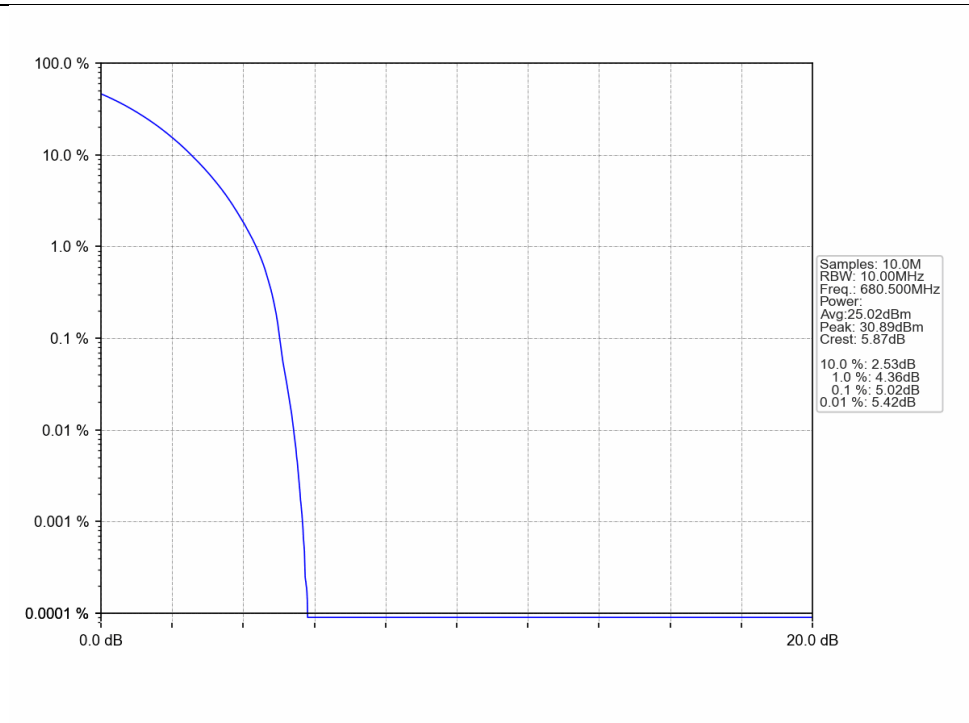

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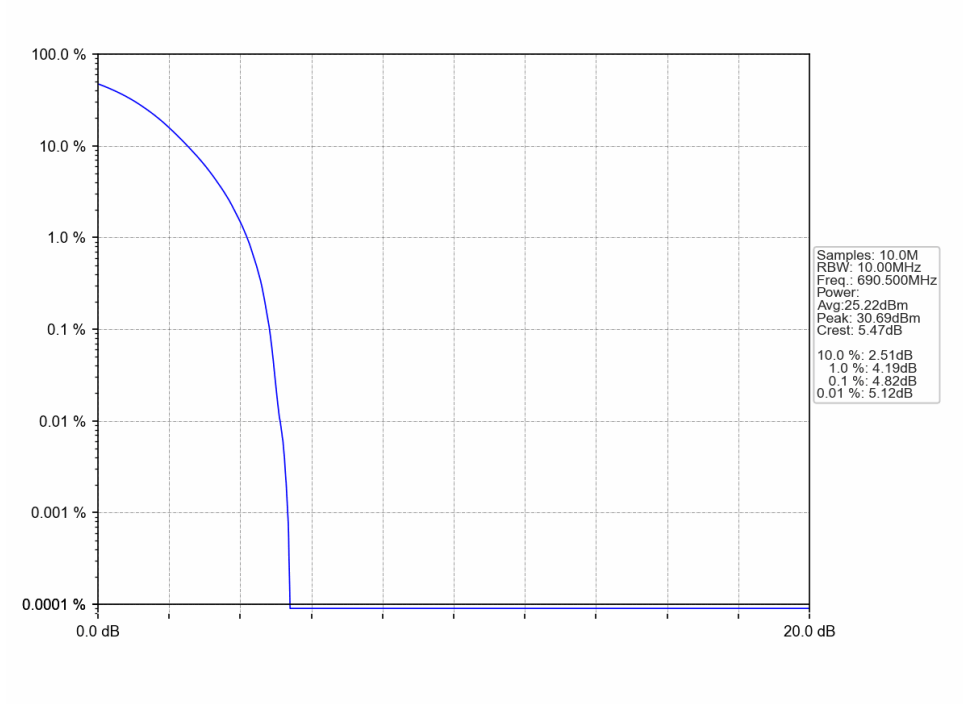
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV

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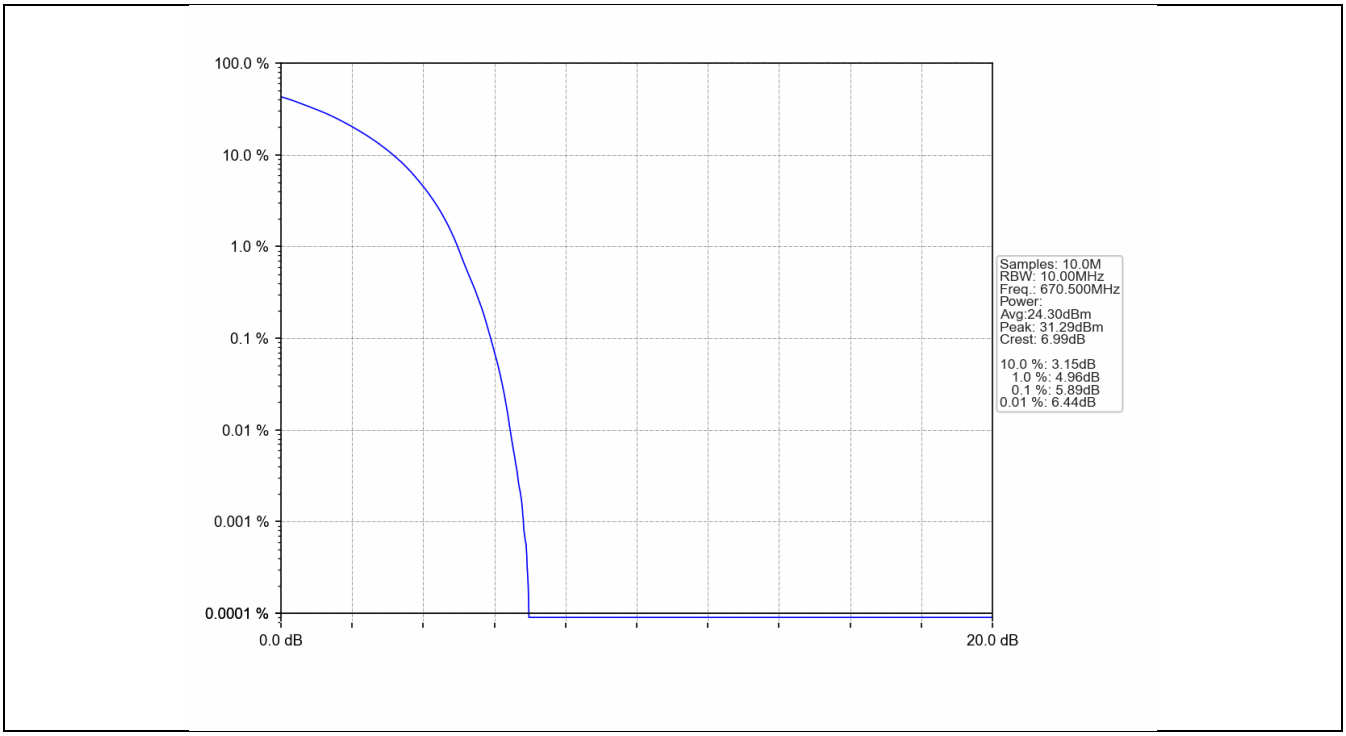

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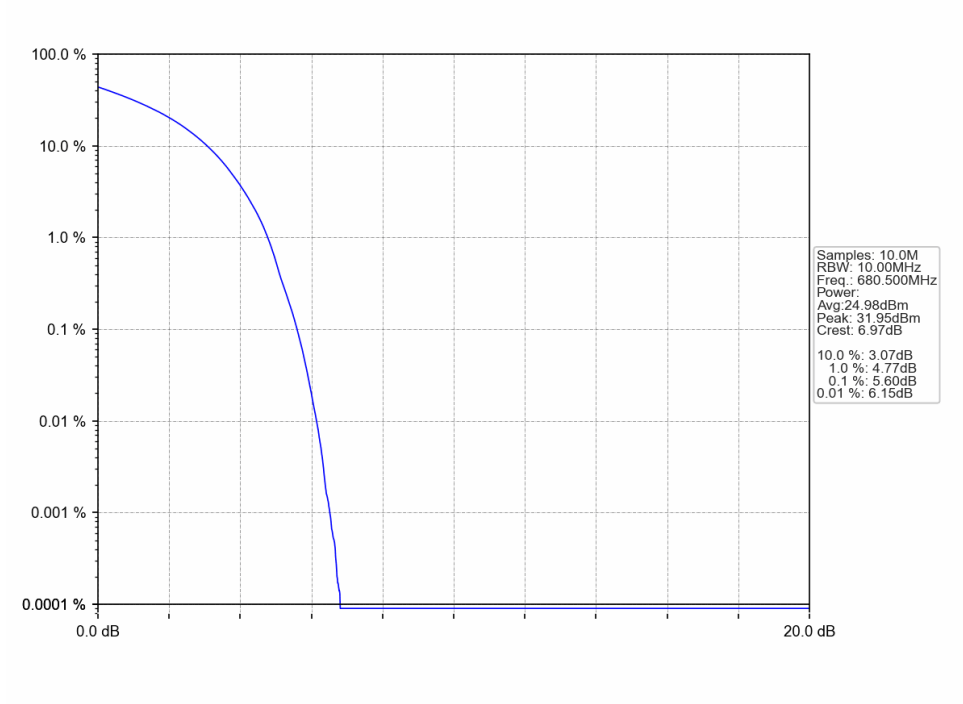
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV

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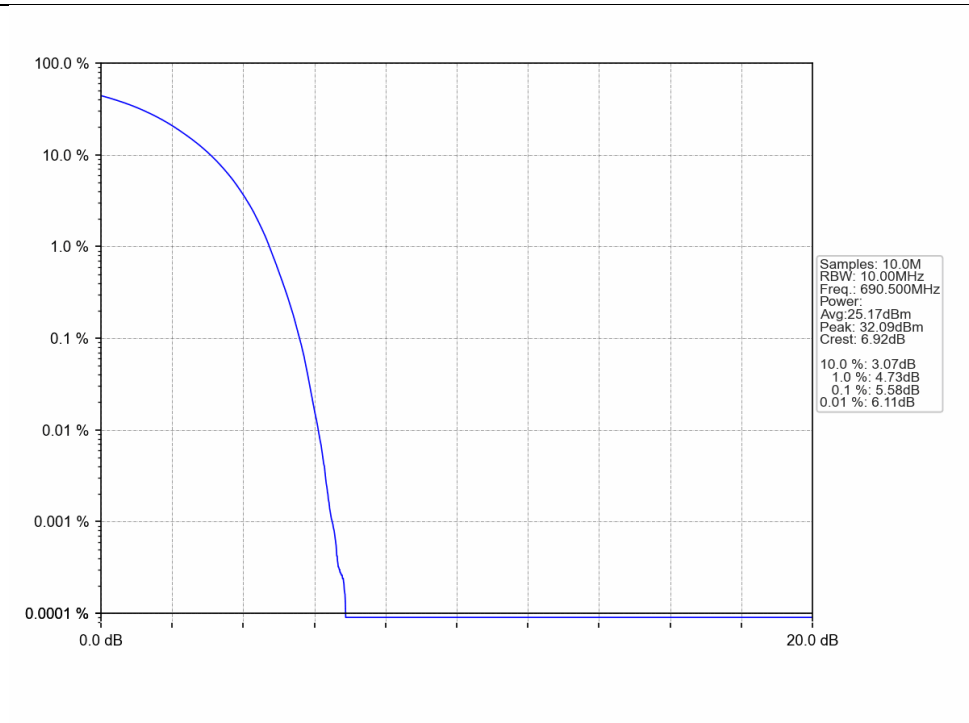

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7.4 B71_20MHz

7.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.06	<=13	Pass
	683	100	0	5.24	<=13	Pass
	688	100	0	4.82	<=13	Pass
16QAM	673	100	0	5.62	<=13	Pass
	683	100	0	5.63	<=13	Pass
	688	100	0	5.28	<=13	Pass

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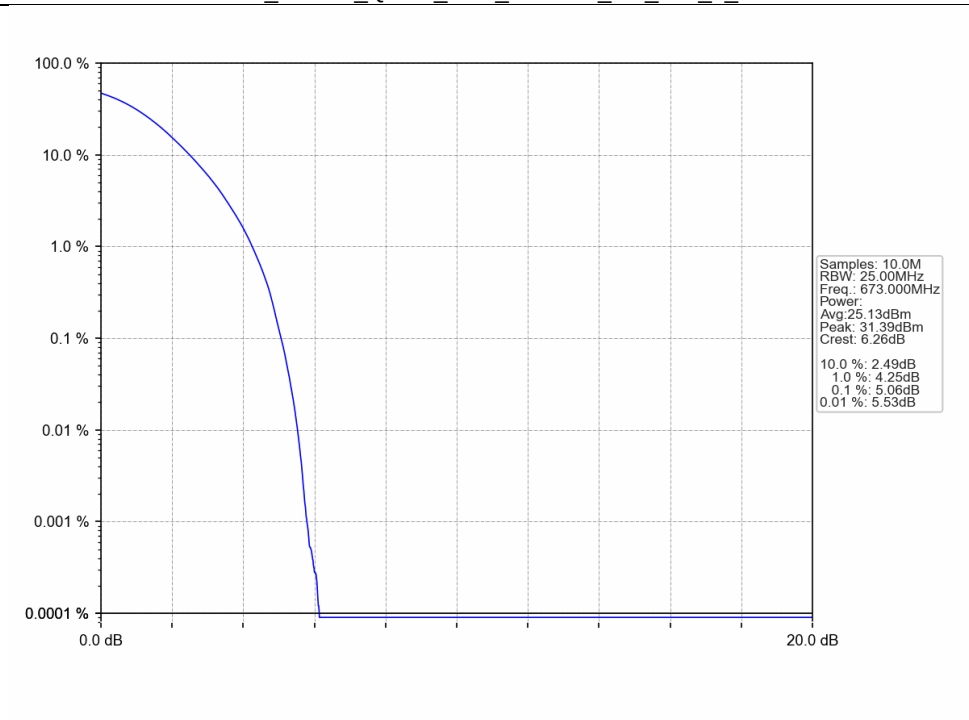
7.4.2 Test Graph

Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

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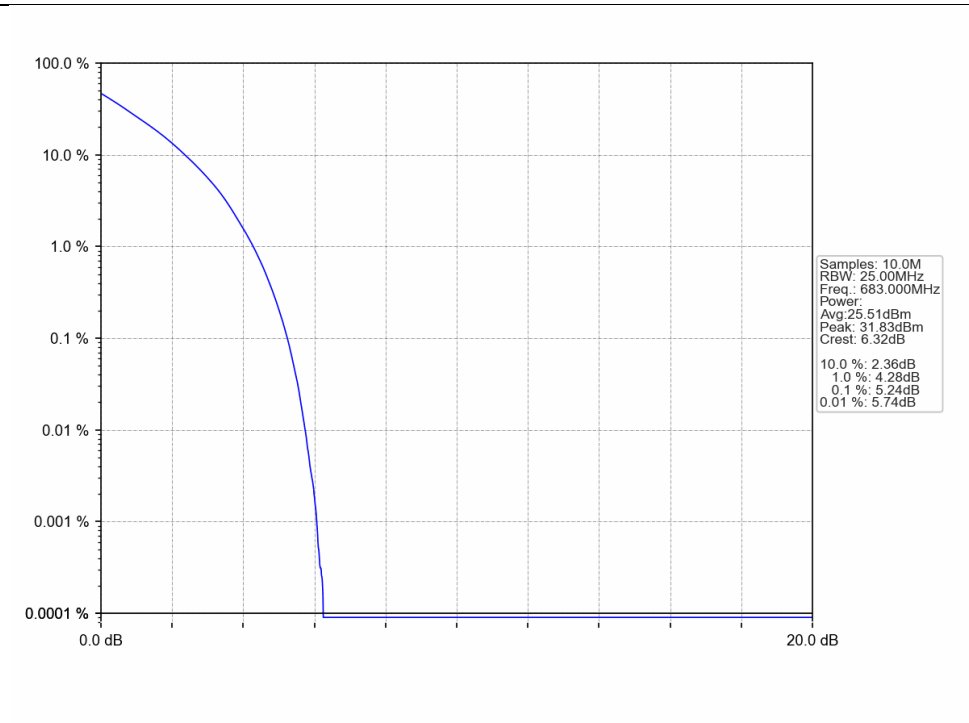

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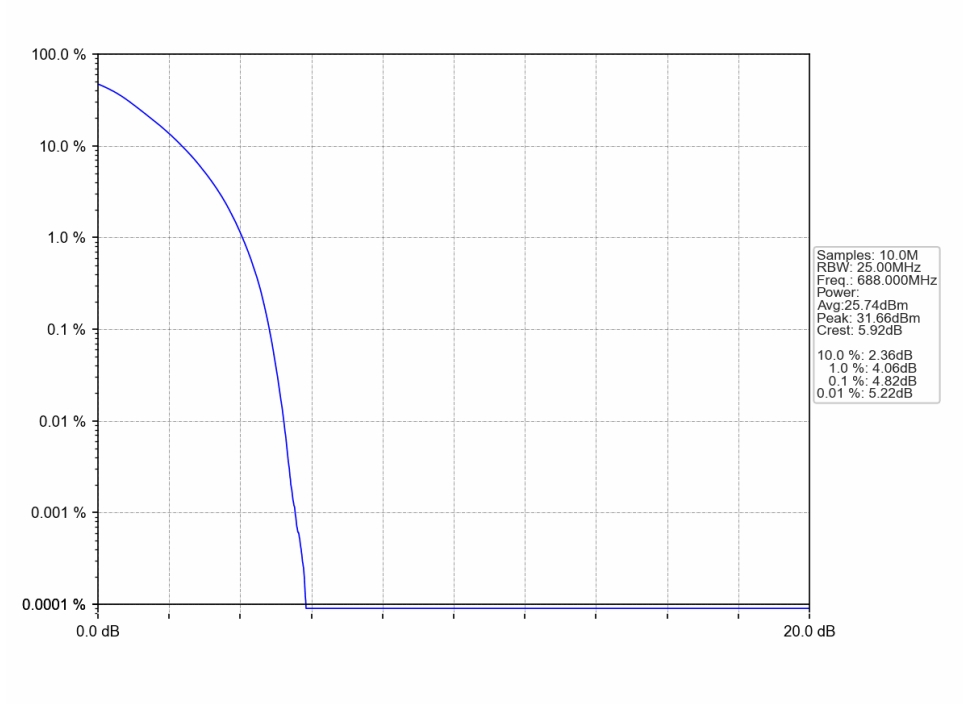

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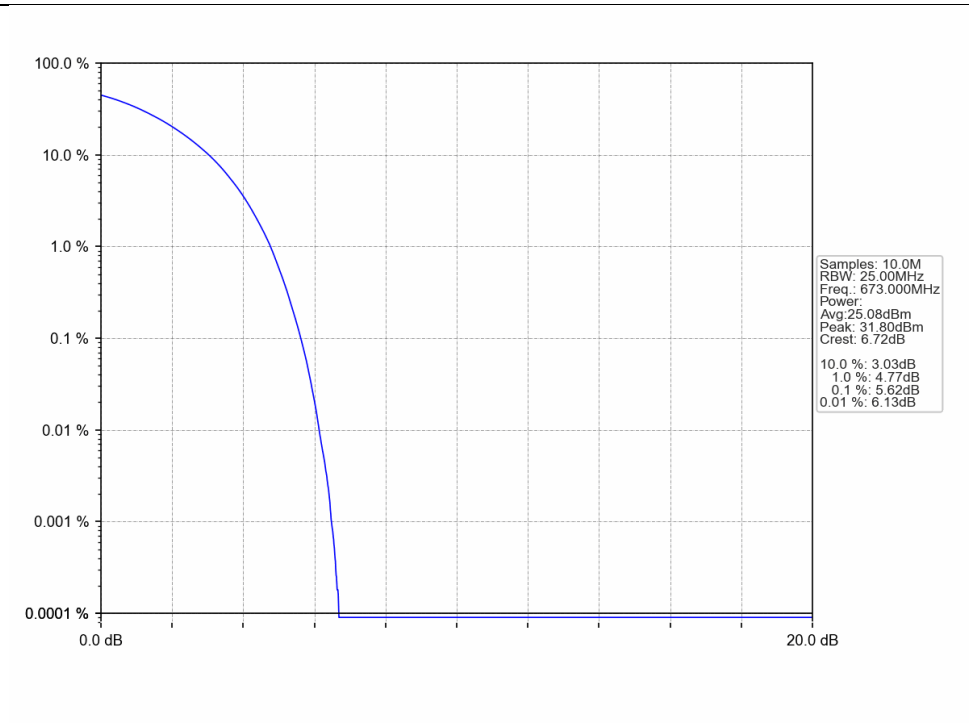

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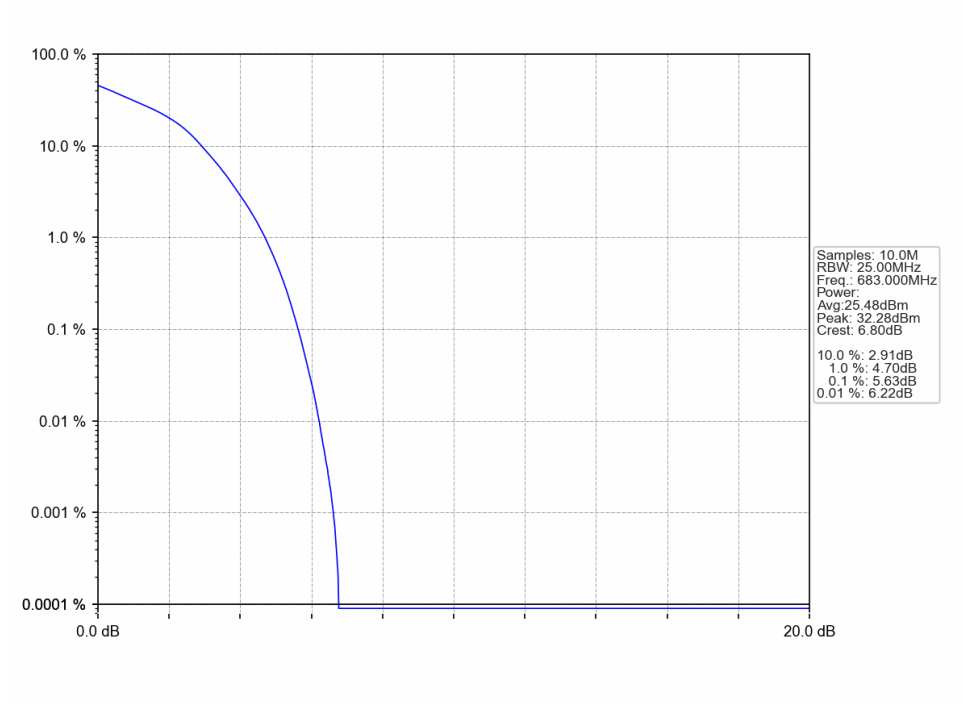

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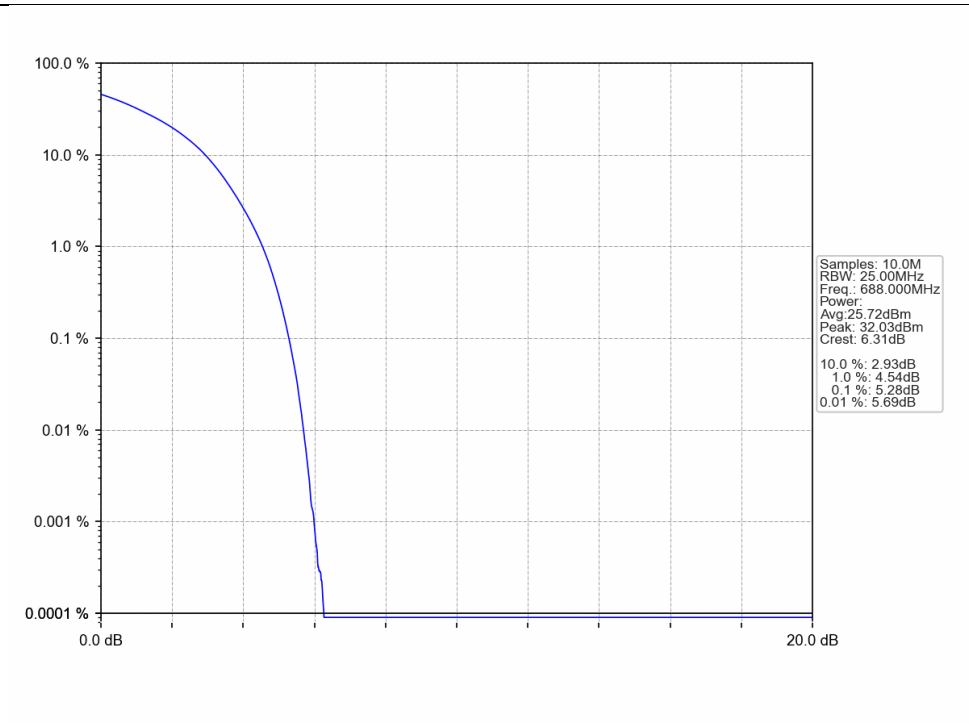

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