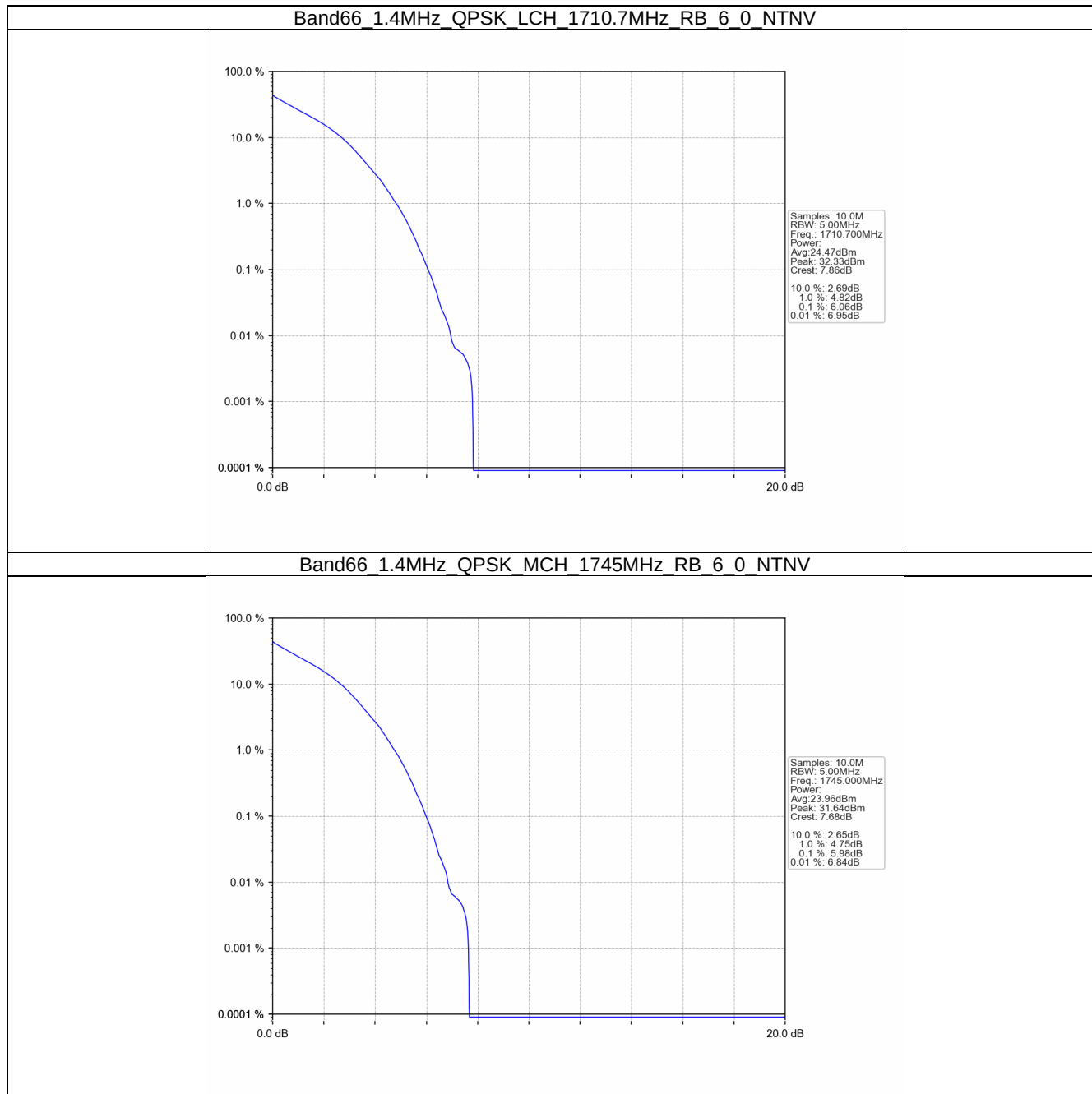


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4.1.2 Test Graph



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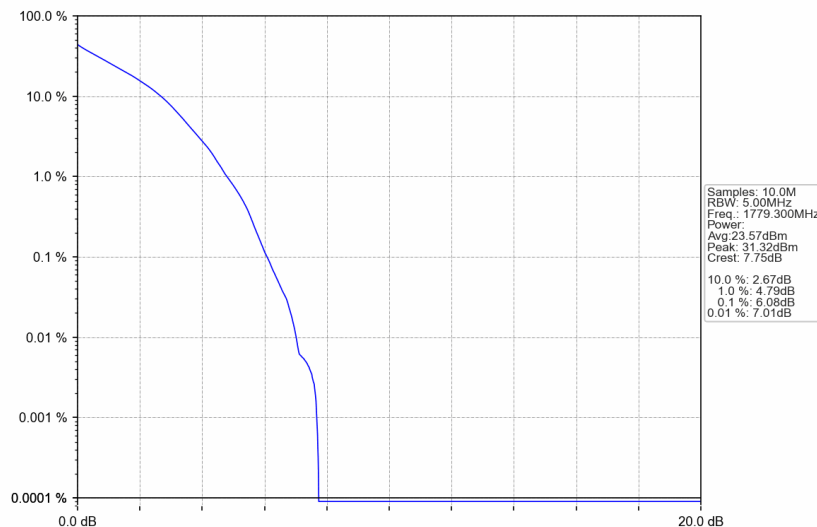
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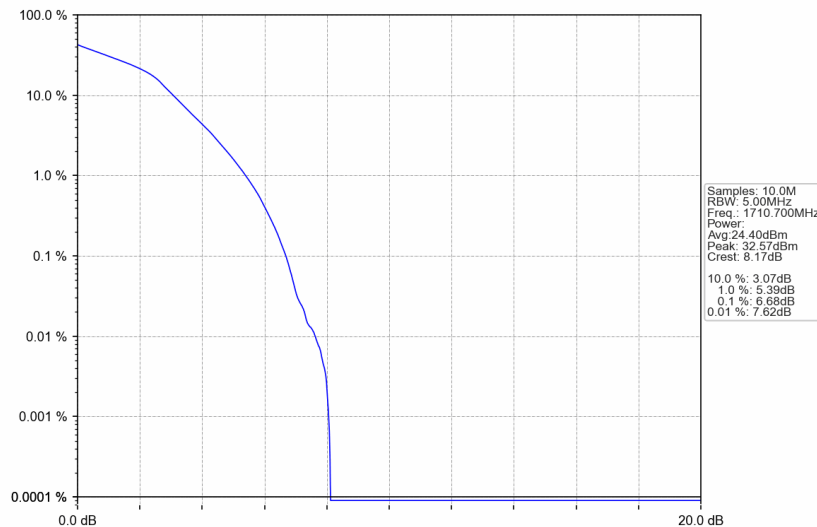
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Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



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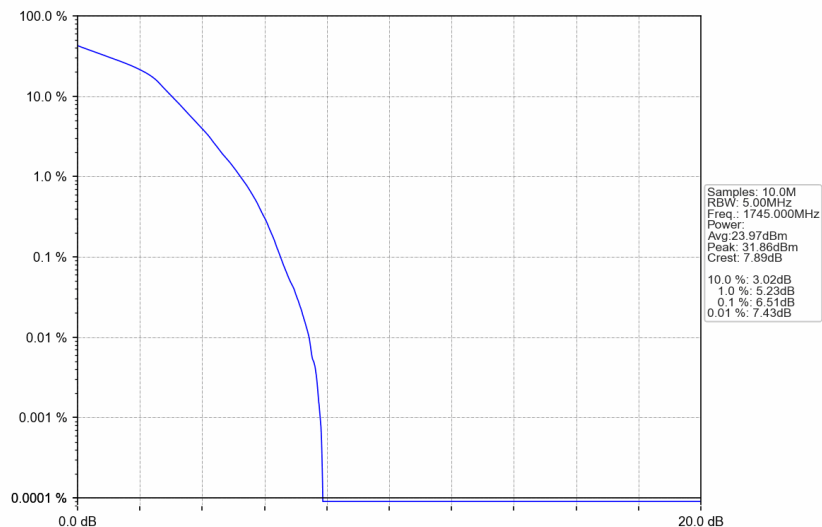
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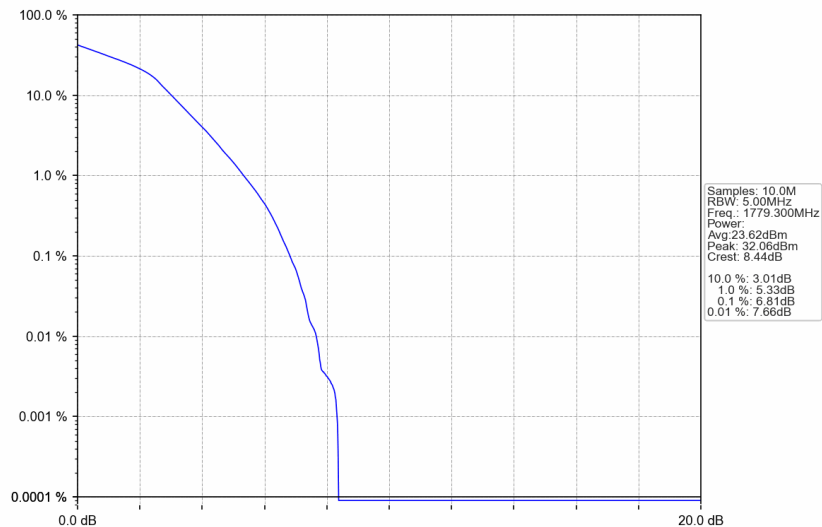
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Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



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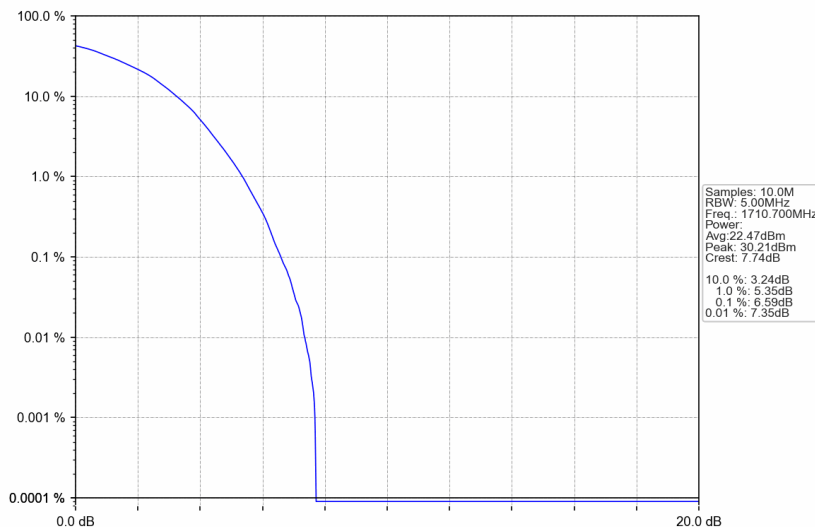
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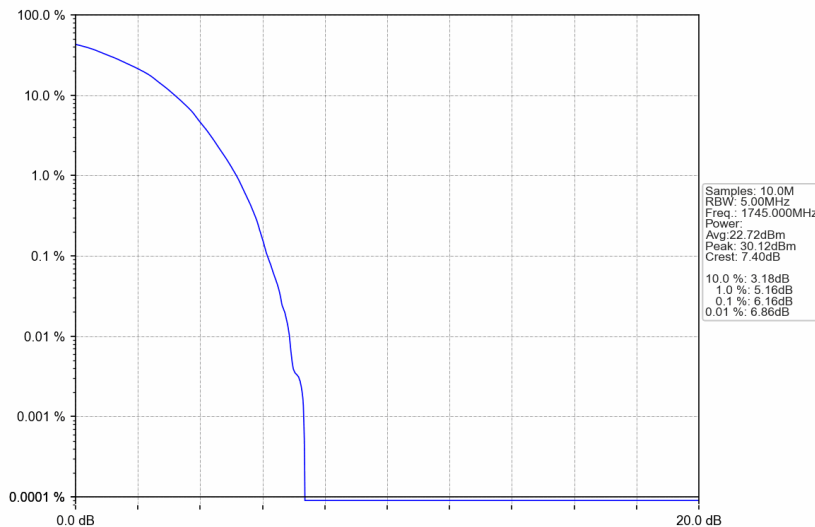
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



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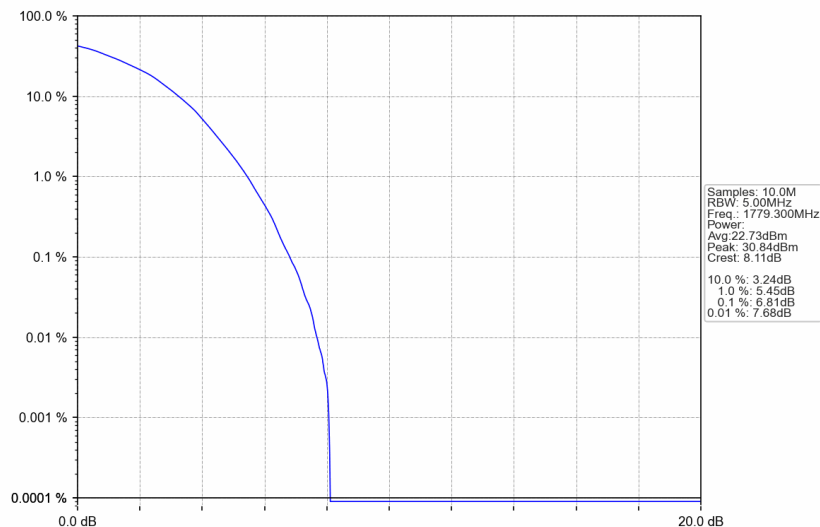
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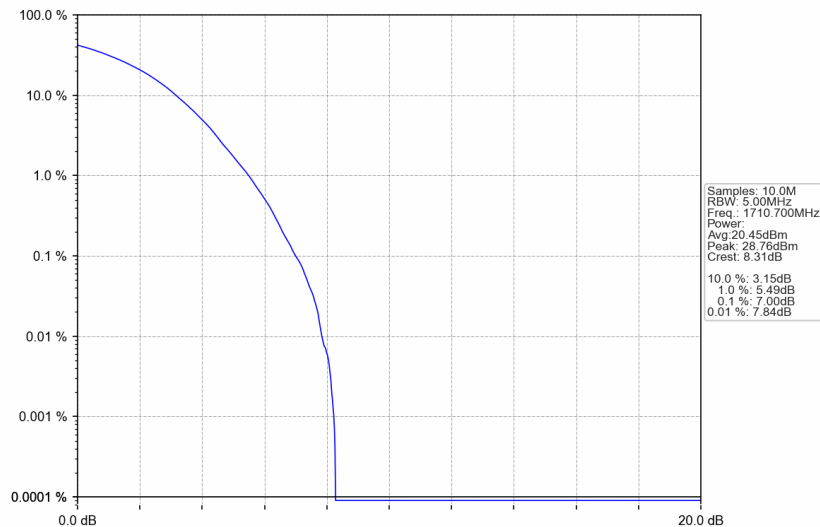
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



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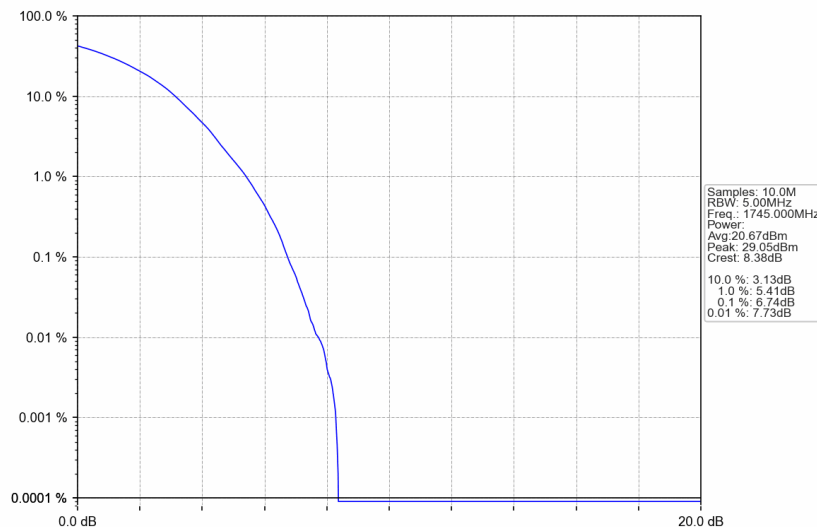
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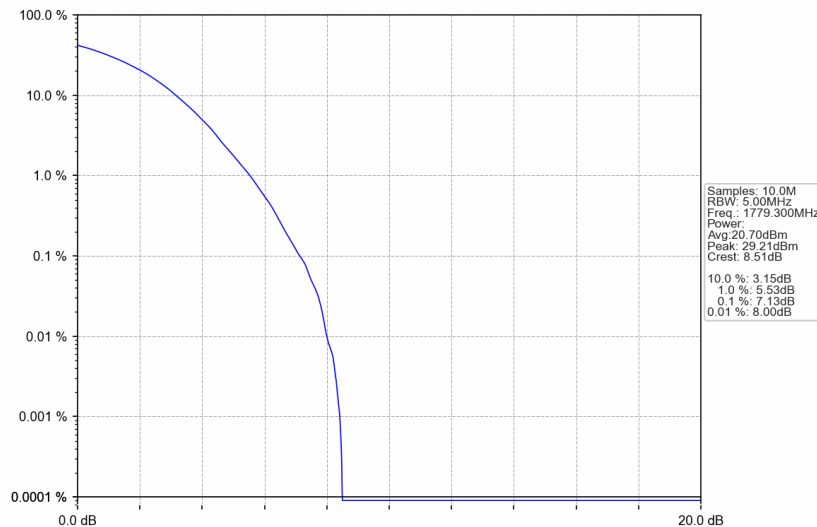
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Band66_1.4MHz_256QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_256QAM_HCH_1779.3MHz_RB_6_0_NTNV



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4.2 B66_3MHz

4.2.1 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	6.09	<=13	Pass
	1745	15	0	5.90	<=13	Pass
	1778.5	15	0	6.07	<=13	Pass
16QAM	1711.5	15	0	6.74	<=13	Pass
	1745	15	0	6.59	<=13	Pass
	1778.5	15	0	6.79	<=13	Pass
64QAM	1711.5	15	0	6.55	<=13	Pass
	1745	15	0	6.44	<=13	Pass
	1778.5	15	0	6.65	<=13	Pass
256QAM	1711.5	15	0	6.92	<=13	Pass
	1745	15	0	6.82	<=13	Pass
	1778.5	15	0	6.96	<=13	Pass



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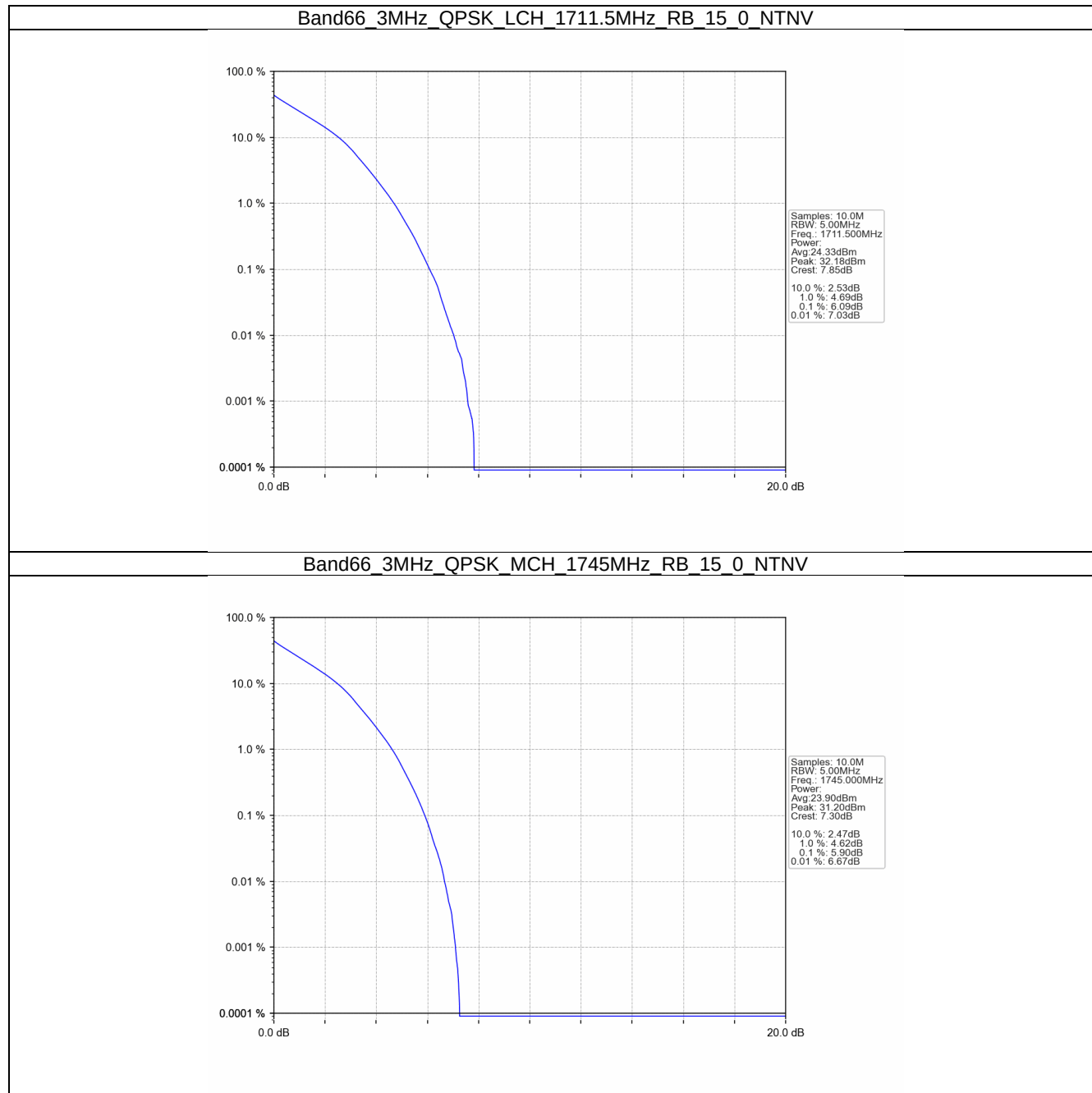
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4.2.2 Test Graph



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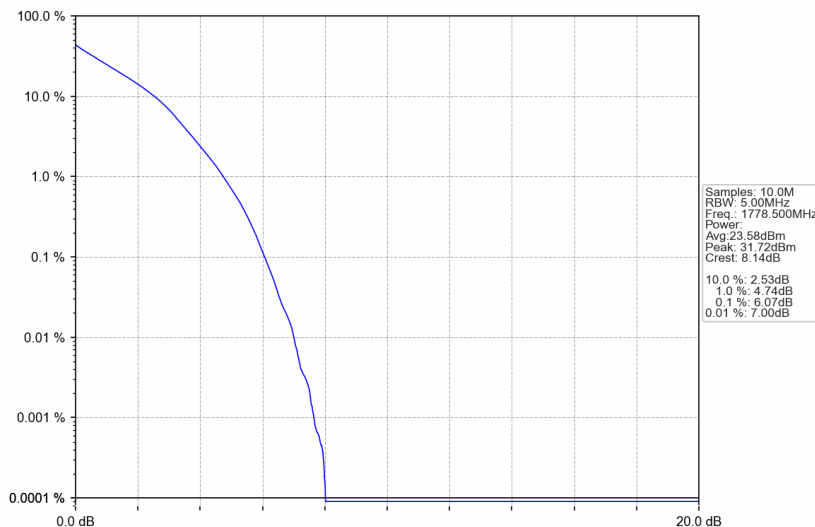
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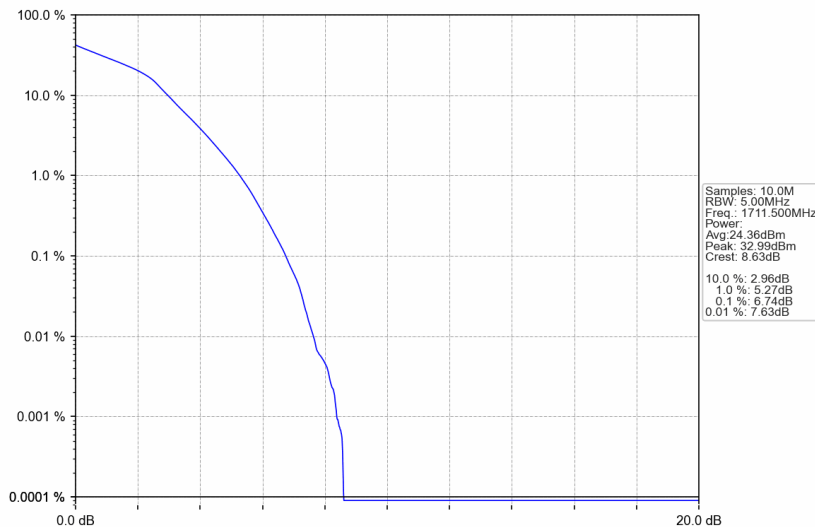
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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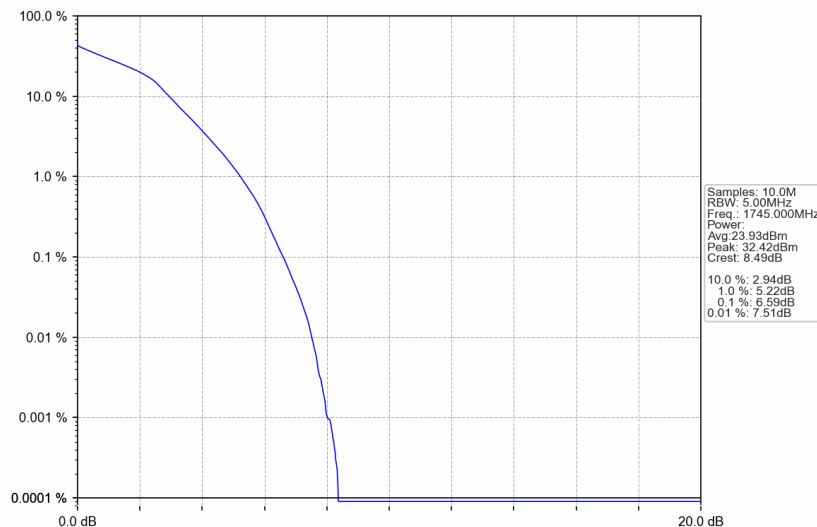
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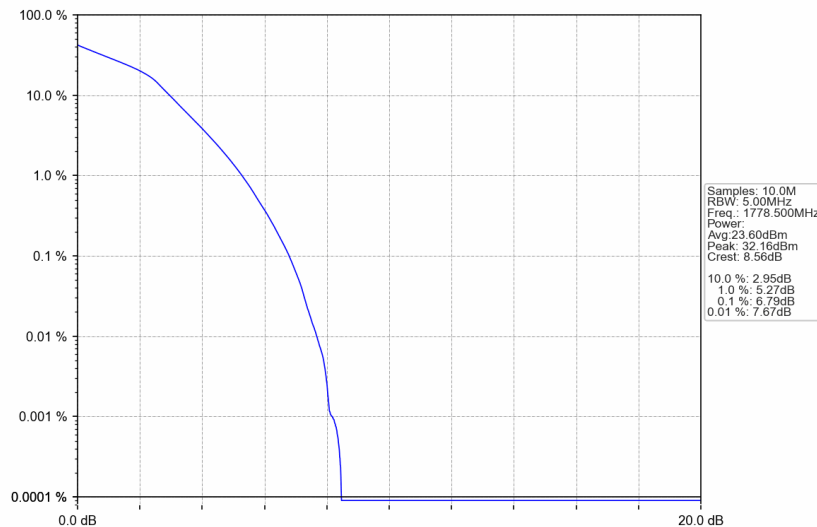
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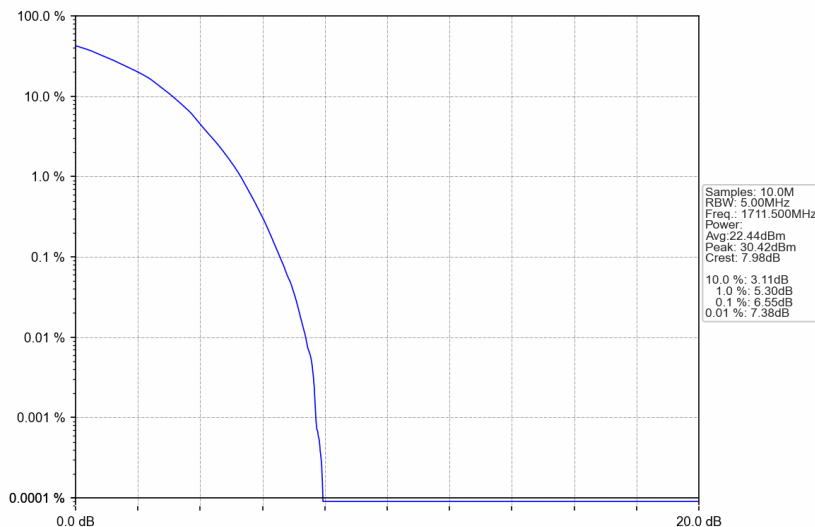
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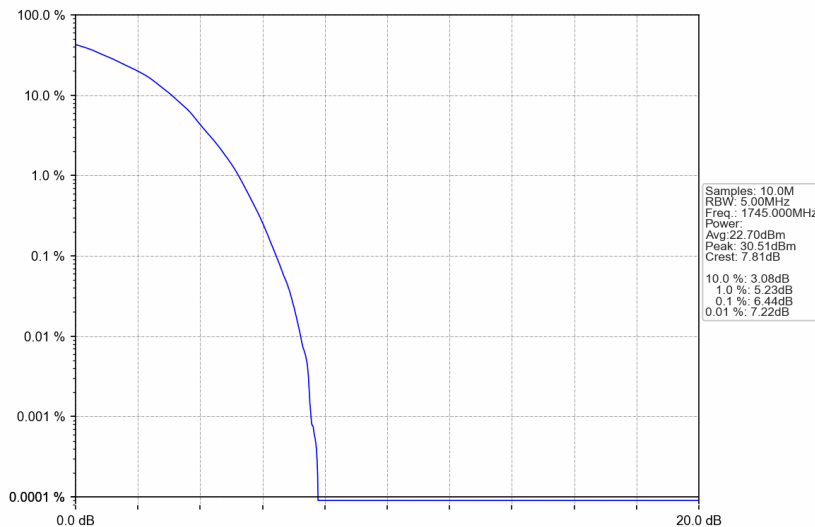
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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



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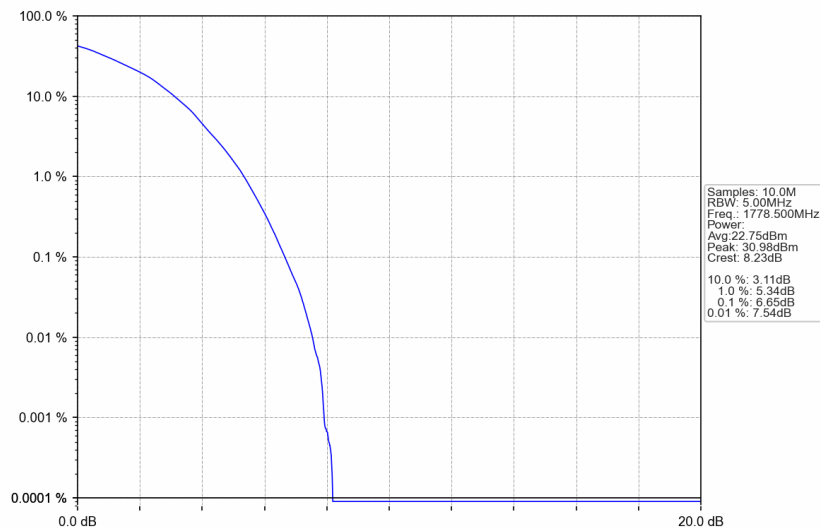
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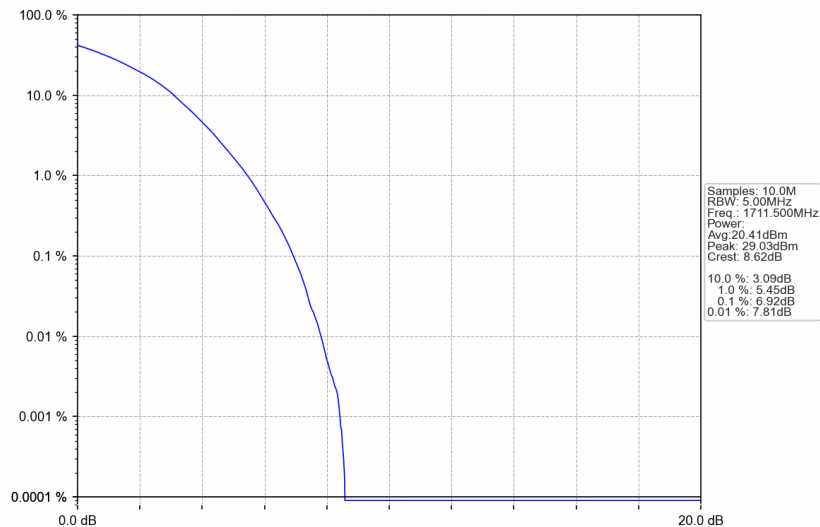
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Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



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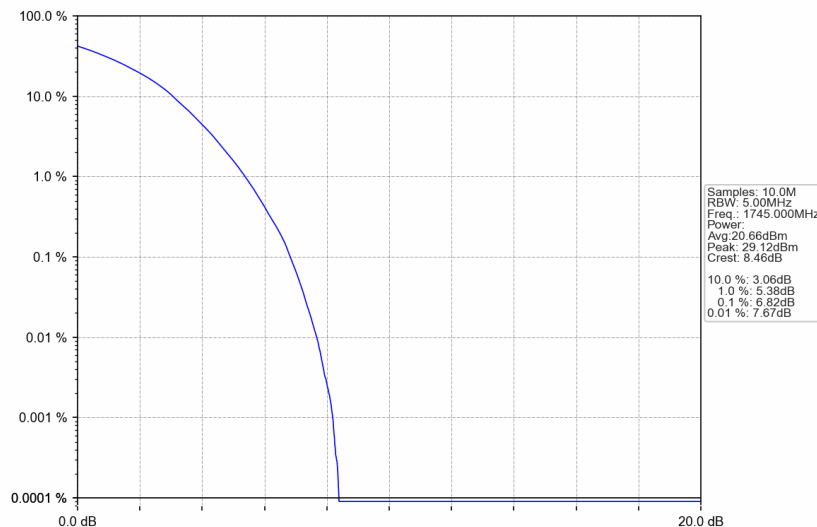
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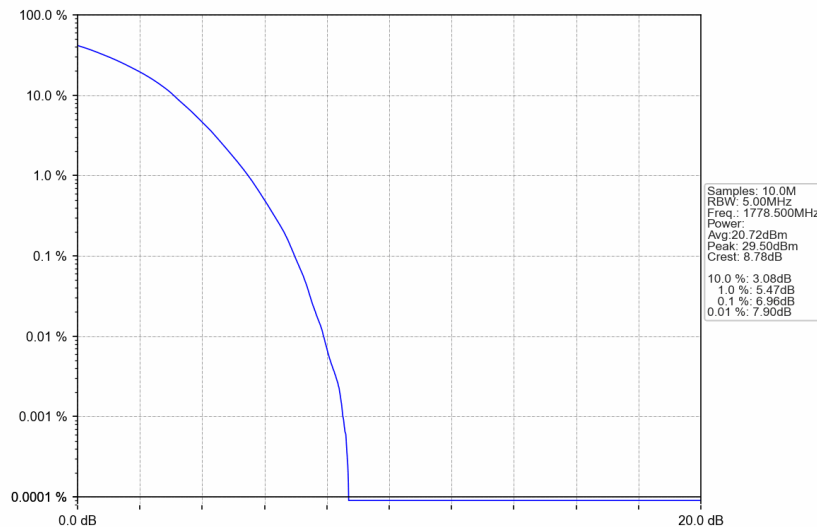
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Band66_3MHz_256QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



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4.3 B66_5MHz

4.3.1 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	5.95	<=13	Pass
	1745	25	0	5.90	<=13	Pass
	1777.5	25	0	5.93	<=13	Pass
16QAM	1712.5	25	0	6.55	<=13	Pass
	1745	25	0	6.51	<=13	Pass
	1777.5	25	0	6.63	<=13	Pass
64QAM	1712.5	25	0	6.57	<=13	Pass
	1745	25	0	6.47	<=13	Pass
	1777.5	25	0	6.63	<=13	Pass
256QAM	1712.5	25	0	6.93	<=13	Pass
	1745	25	0	6.87	<=13	Pass
	1777.5	25	0	6.96	<=13	Pass



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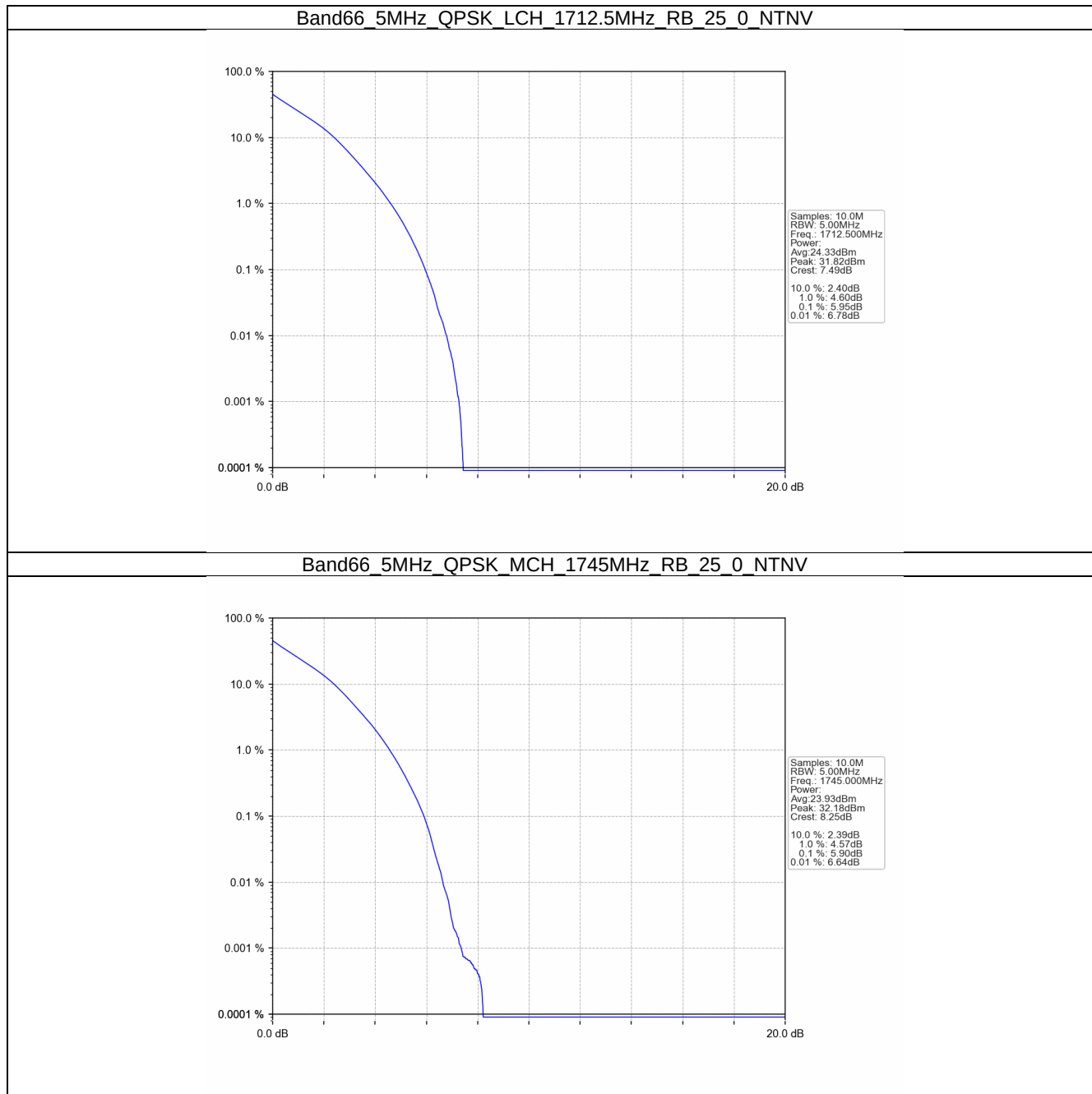
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4.3.2 Test Graph



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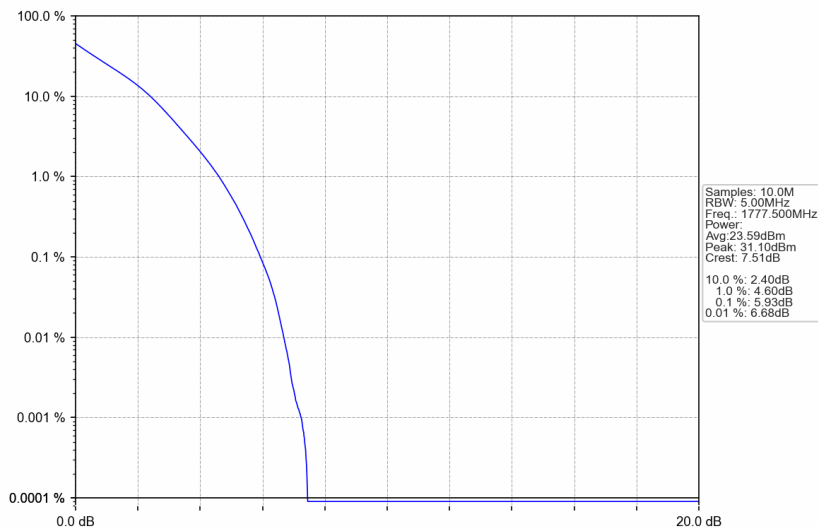
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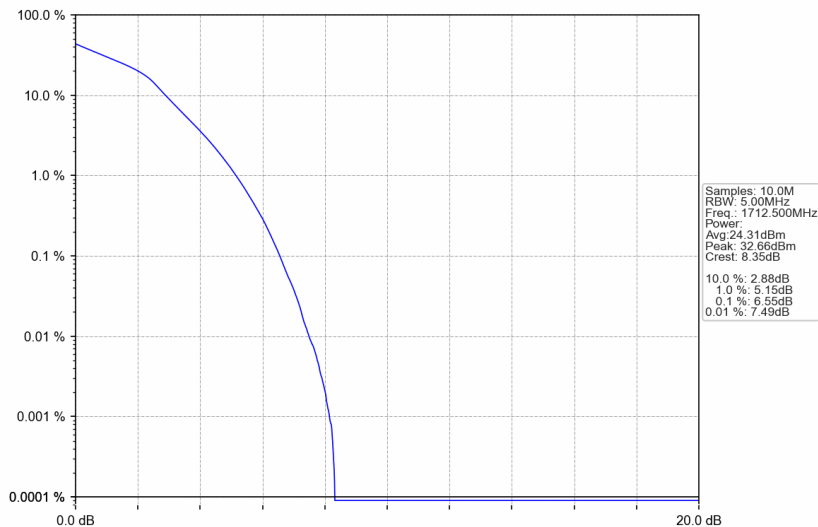
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Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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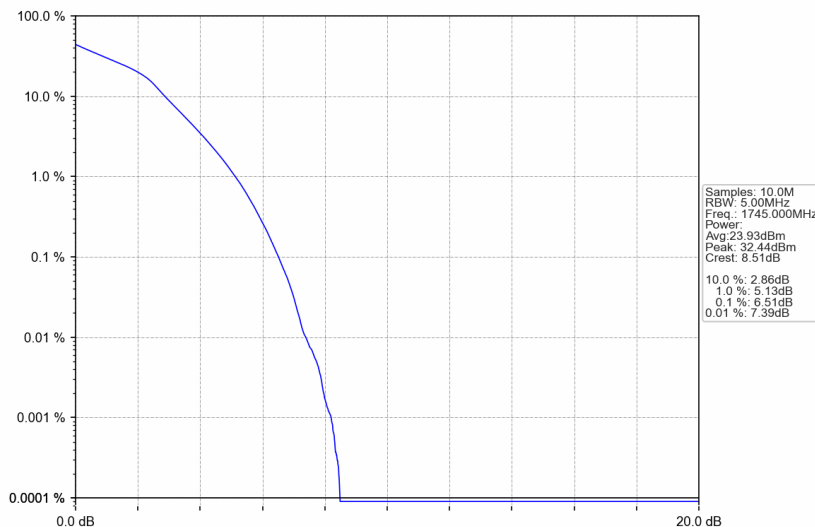
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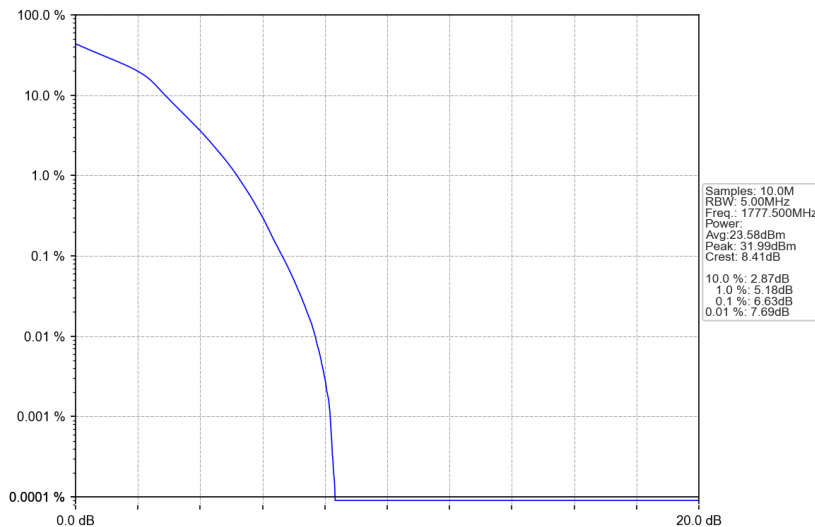
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Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTN



Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTN



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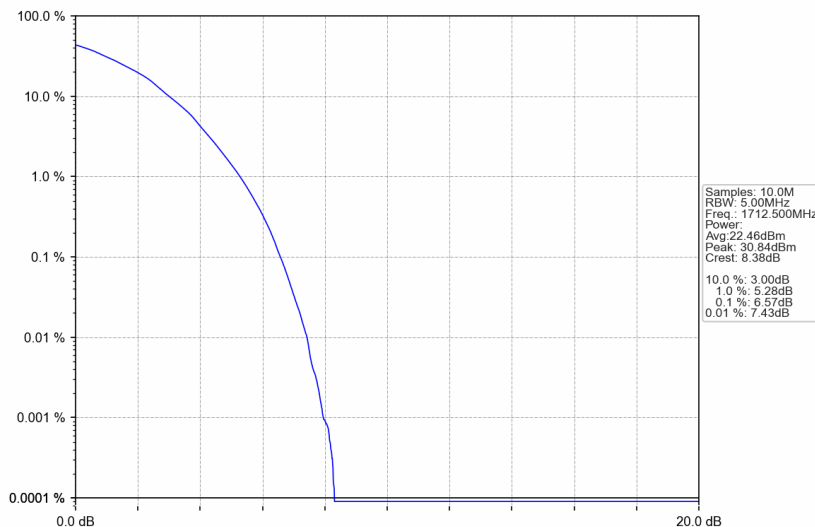
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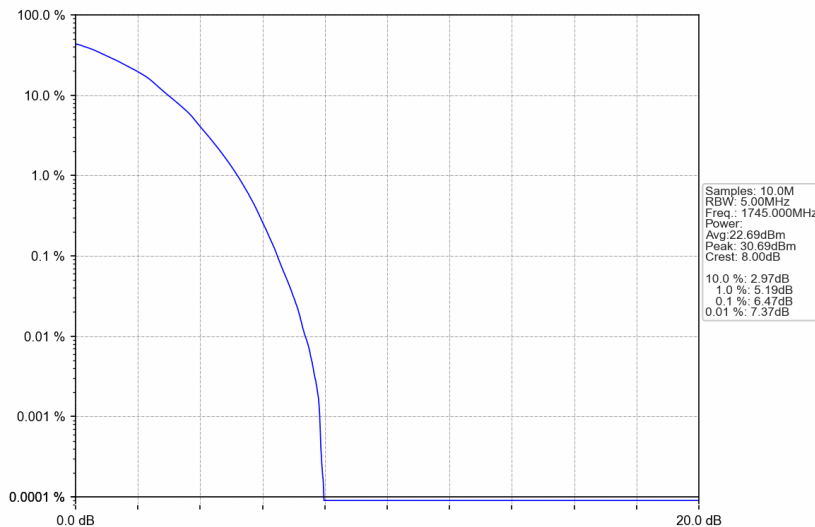
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Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



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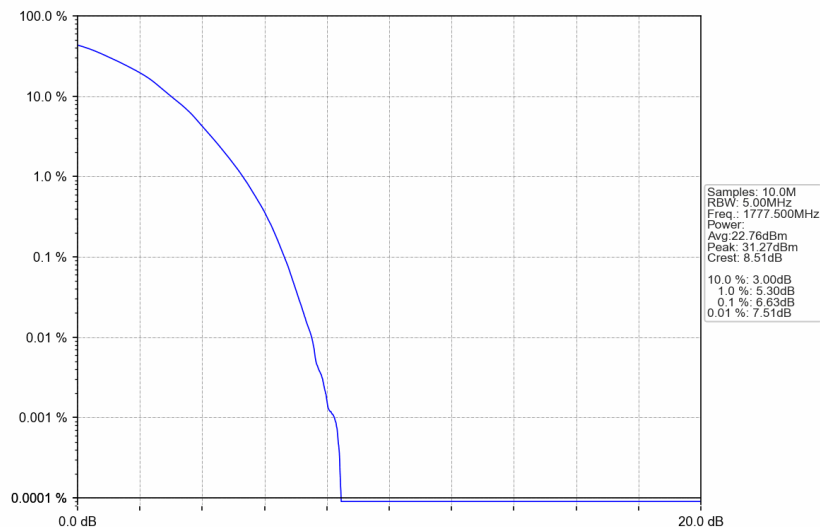
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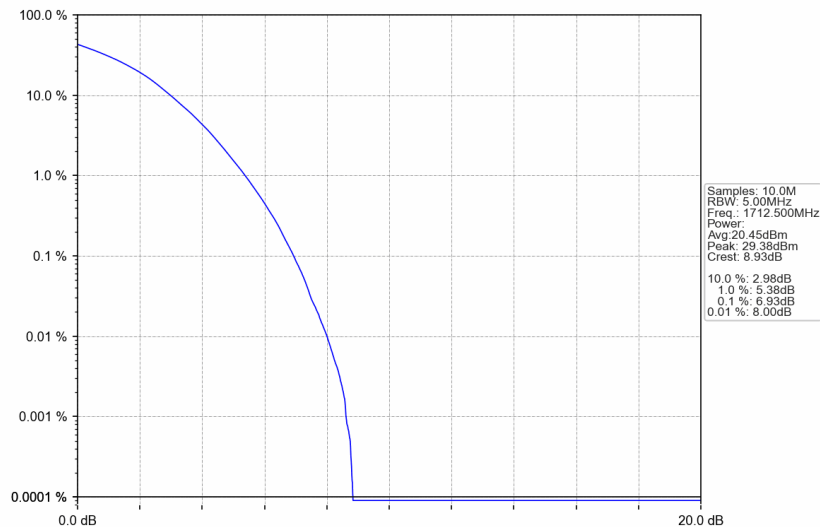
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Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



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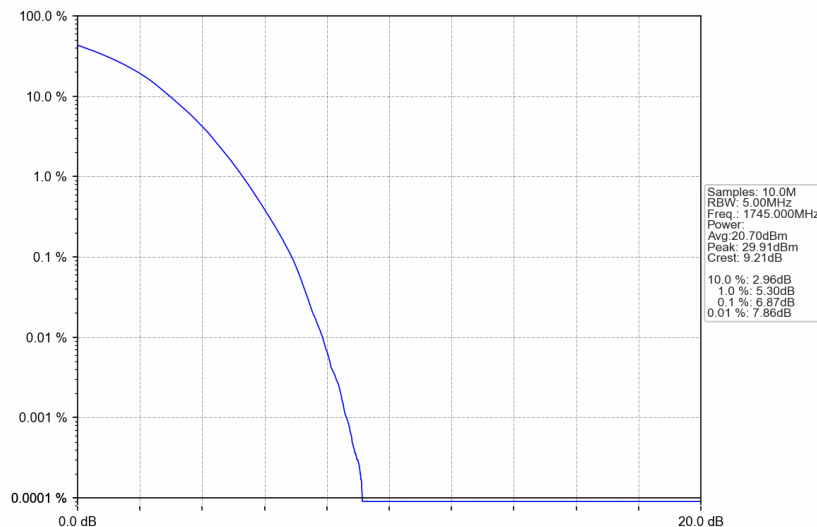
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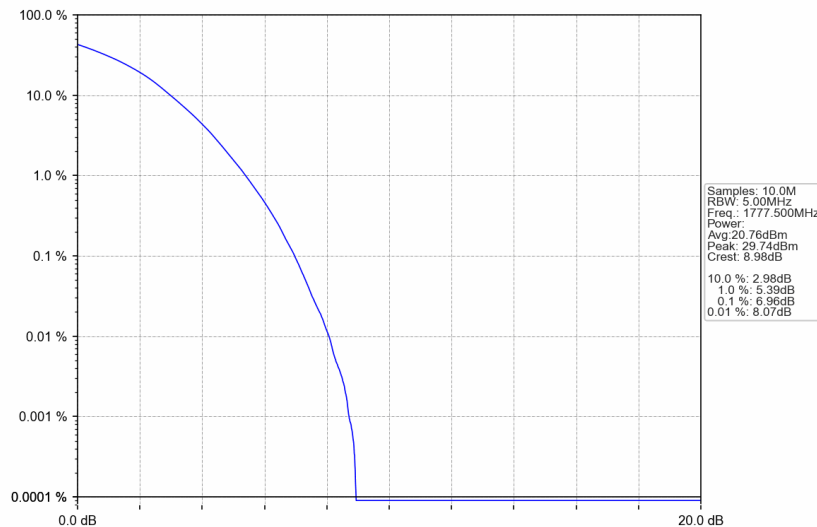
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Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV



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4.4 B66_10MHz

4.4.1 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	5.73	<=13	Pass
	1745	50	0	5.62	<=13	Pass
	1775	50	0	5.66	<=13	Pass
16QAM	1715	50	0	6.46	<=13	Pass
	1745	50	0	6.40	<=13	Pass
	1775	50	0	6.48	<=13	Pass
64QAM	1715	50	0	6.52	<=13	Pass
	1745	50	0	6.48	<=13	Pass
	1775	50	0	6.59	<=13	Pass
256QAM	1715	50	0	6.90	<=13	Pass
	1745	50	0	6.73	<=13	Pass
	1775	50	0	6.78	<=13	Pass



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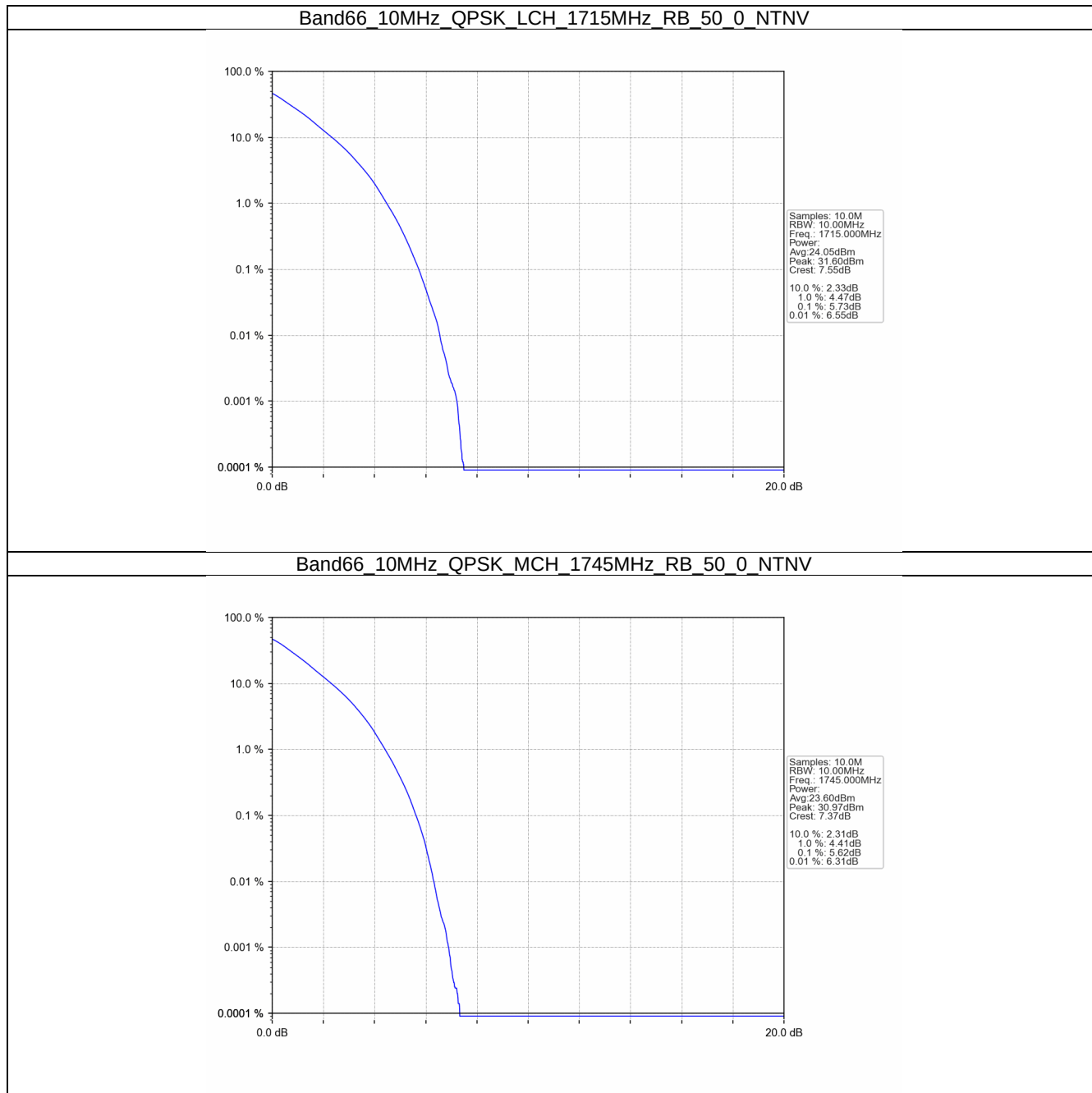
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4.4.2 Test Graph



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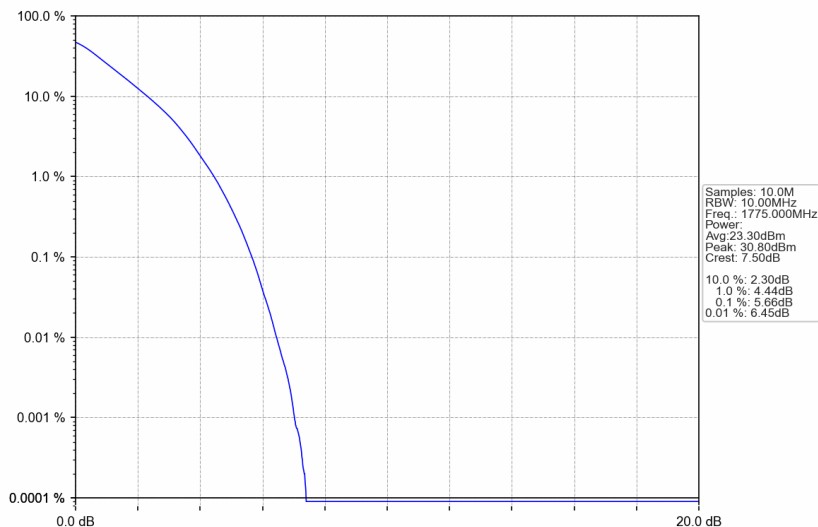
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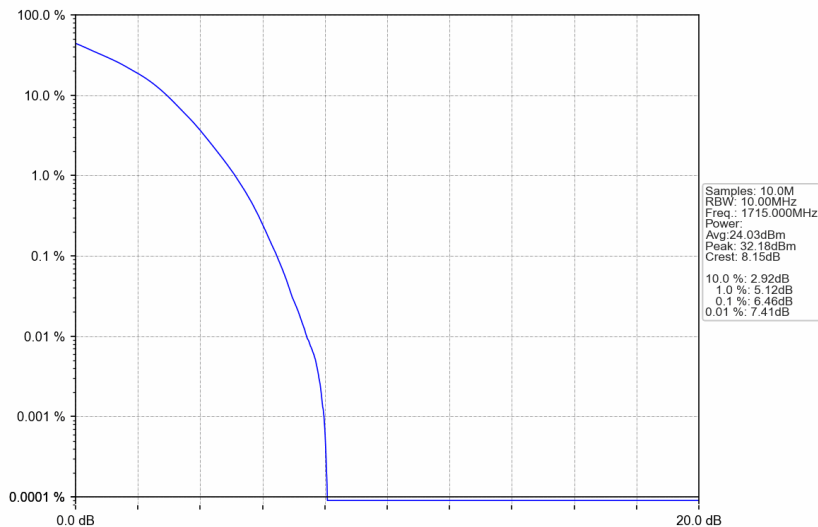
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Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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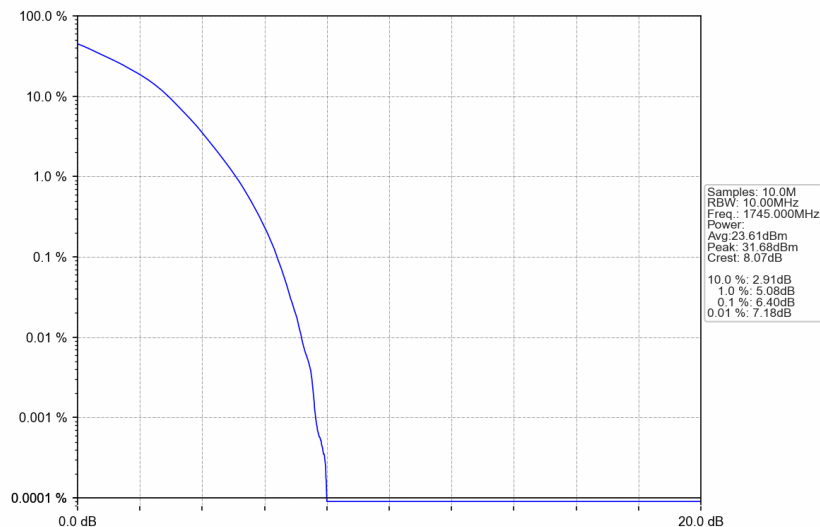
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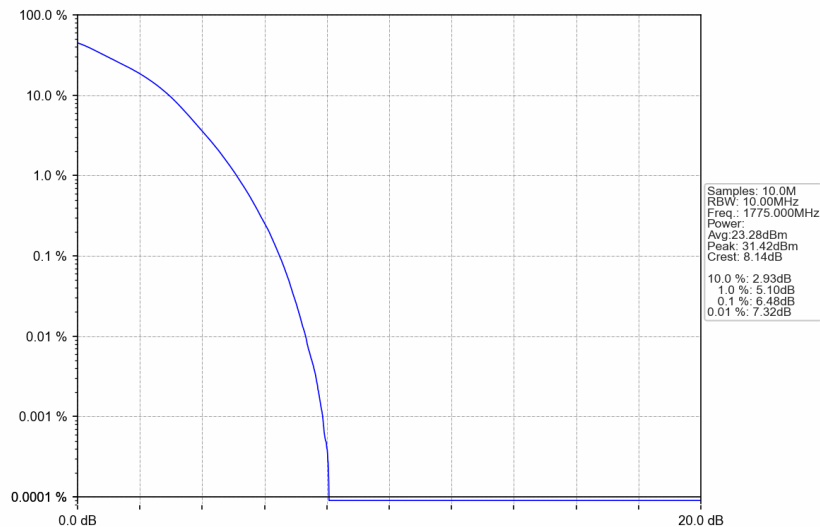
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Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



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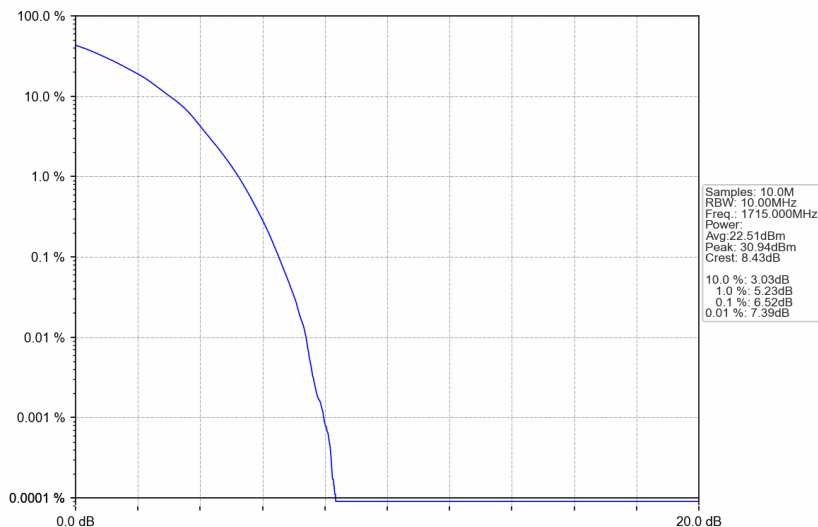
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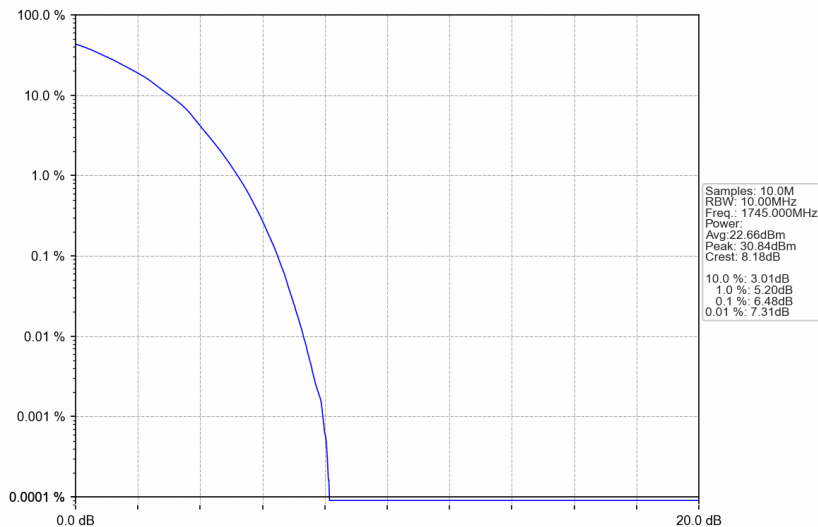
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Band66_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



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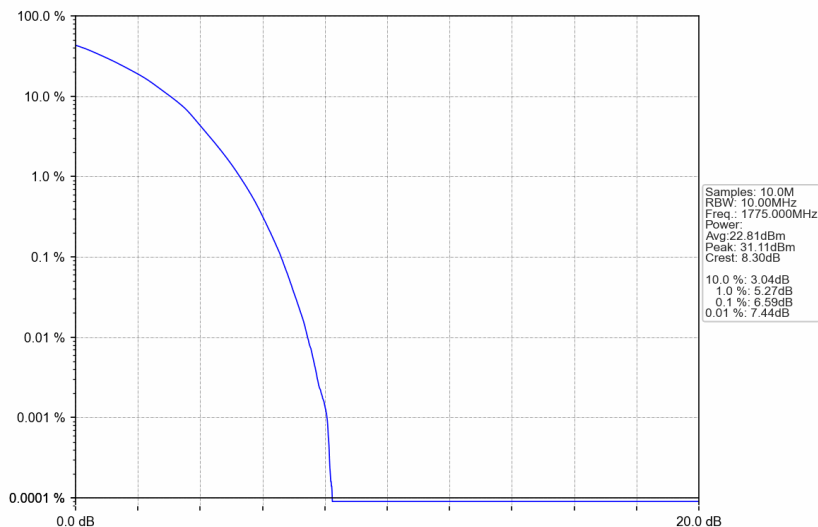
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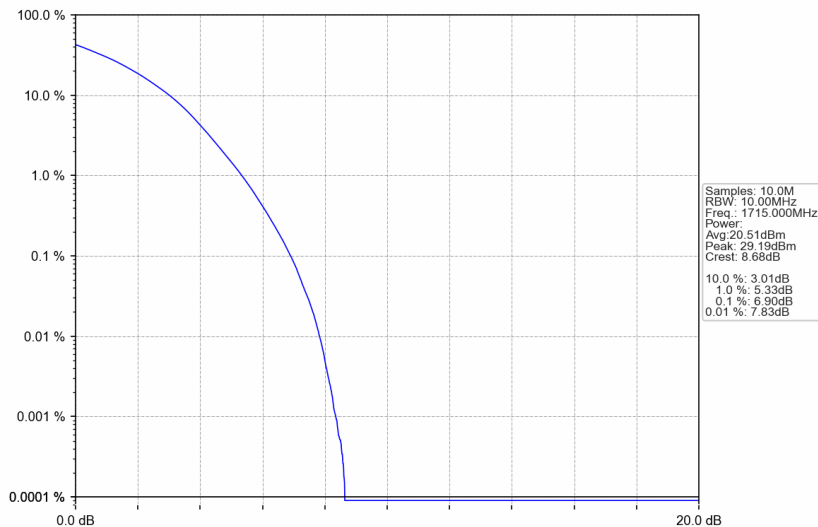
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Band66_10MHz_64QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



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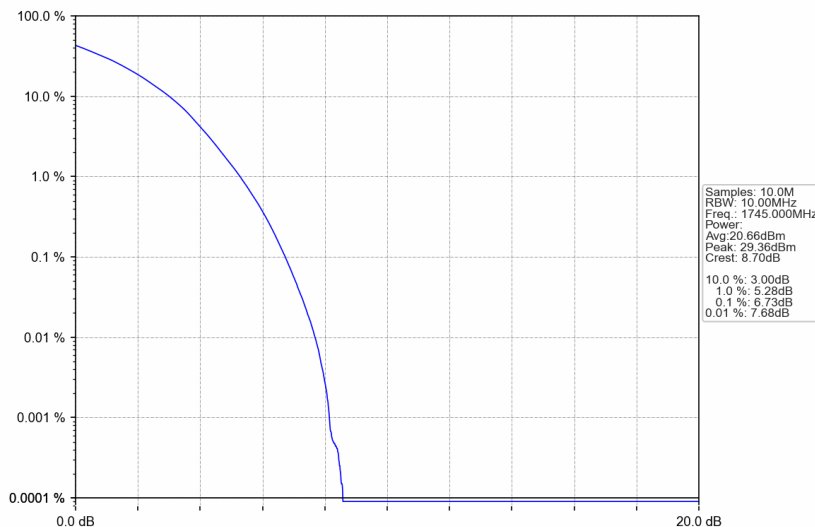
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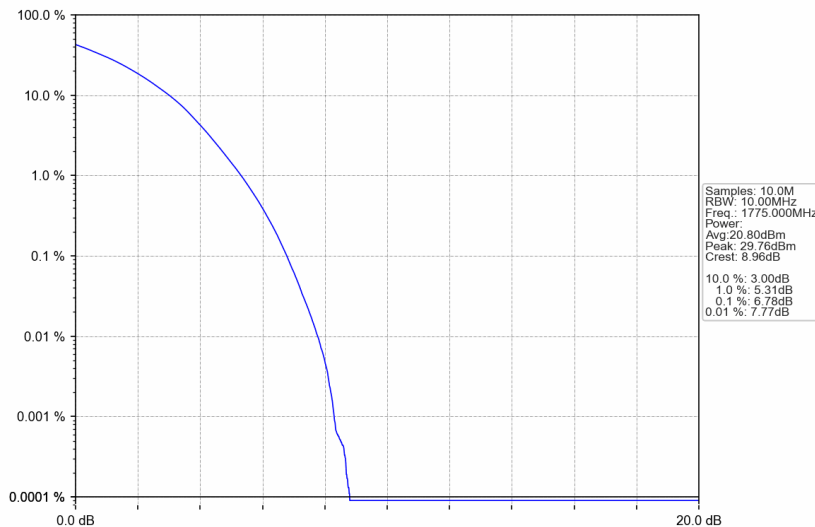
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Band66_10MHz_256QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV



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4.5 B66_15MHz

4.5.1 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	5.12	<=13	Pass
	1745	75	0	5.12	<=13	Pass
	1772.5	75	0	5.11	<=13	Pass
16QAM	1717.5	75	0	6.38	<=13	Pass
	1745	75	0	6.34	<=13	Pass
	1772.5	75	0	6.41	<=13	Pass
64QAM	1717.5	75	0	6.51	<=13	Pass
	1745	75	0	6.44	<=13	Pass
	1772.5	75	0	6.54	<=13	Pass
256QAM	1717.5	75	0	6.73	<=13	Pass
	1745	75	0	6.71	<=13	Pass
	1772.5	75	0	6.72	<=13	Pass



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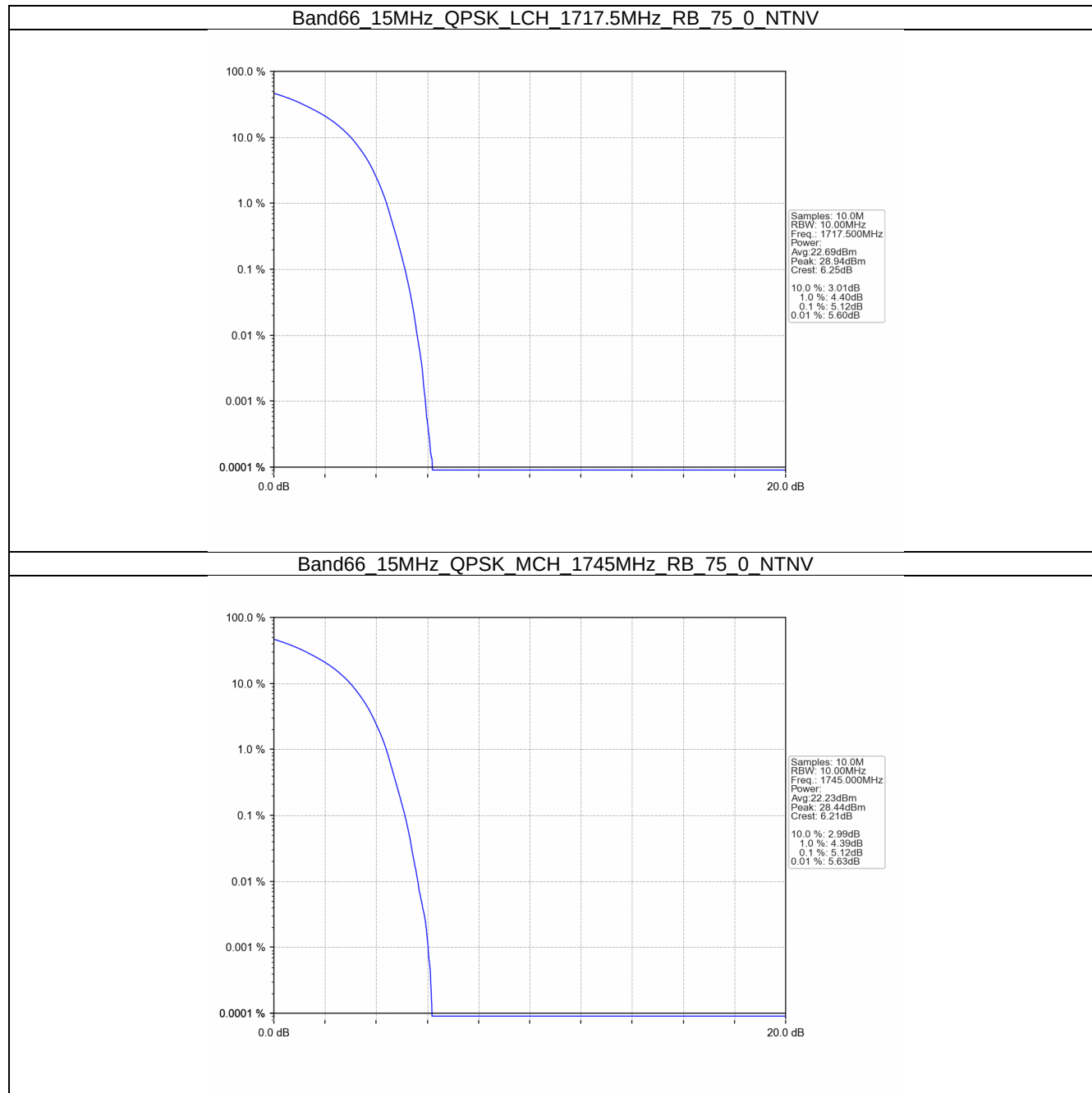
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4.5.2 Test Graph



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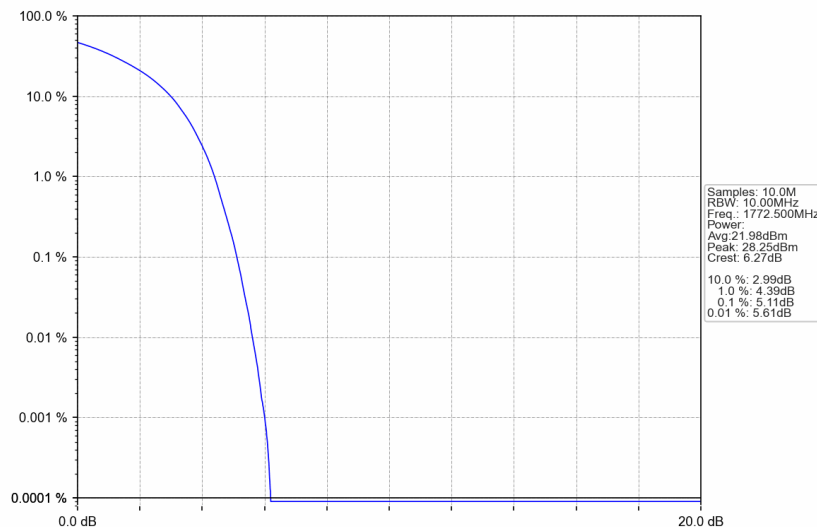
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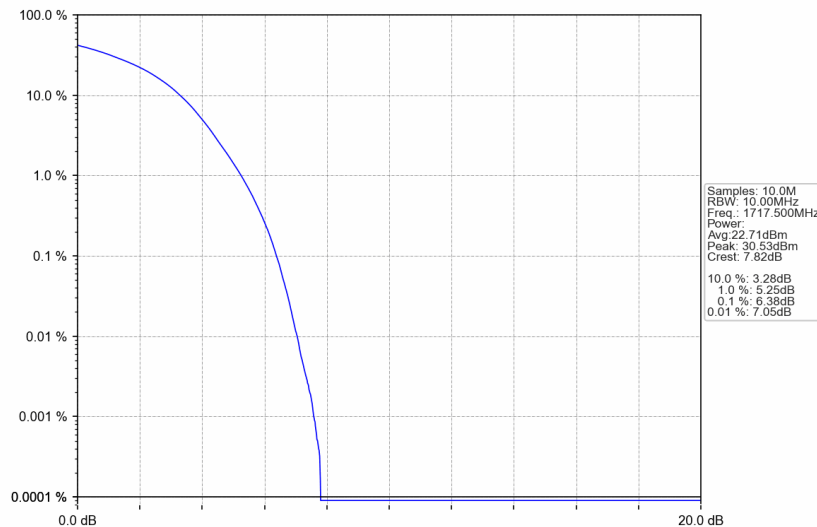
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Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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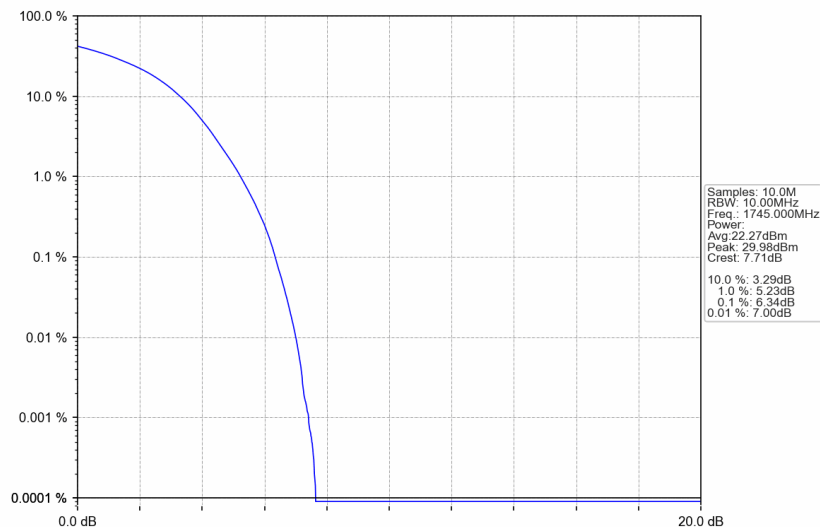
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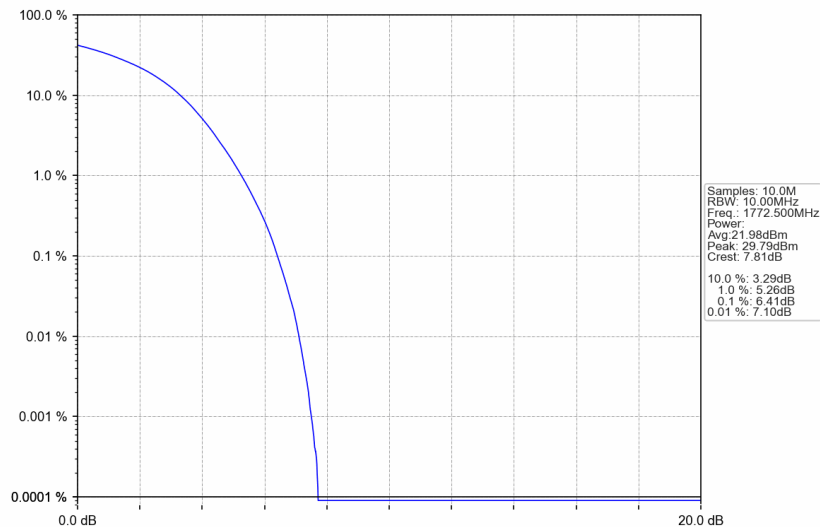
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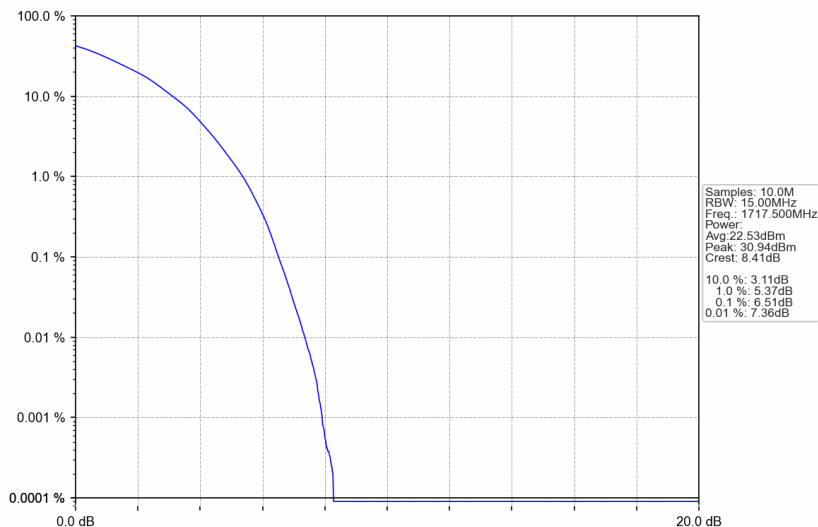
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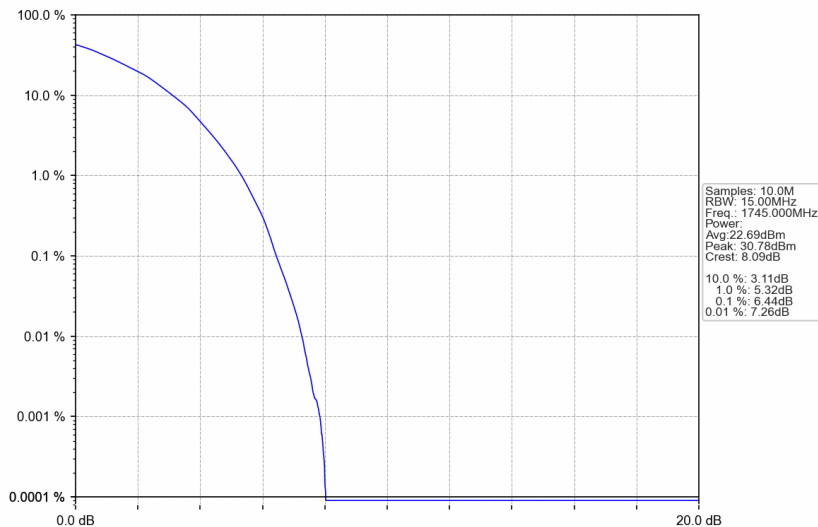
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Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



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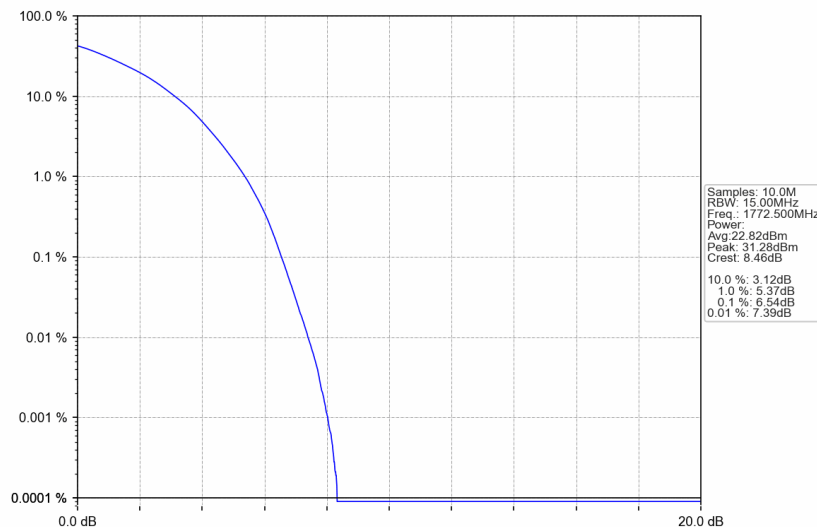
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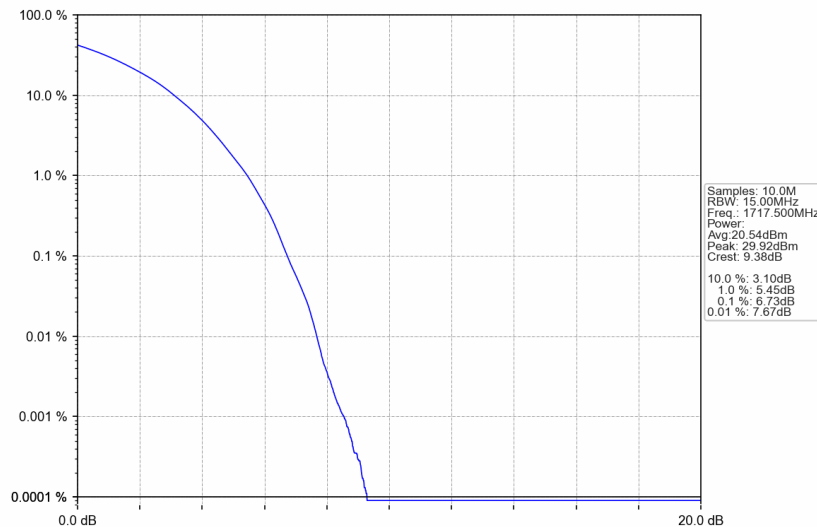
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Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



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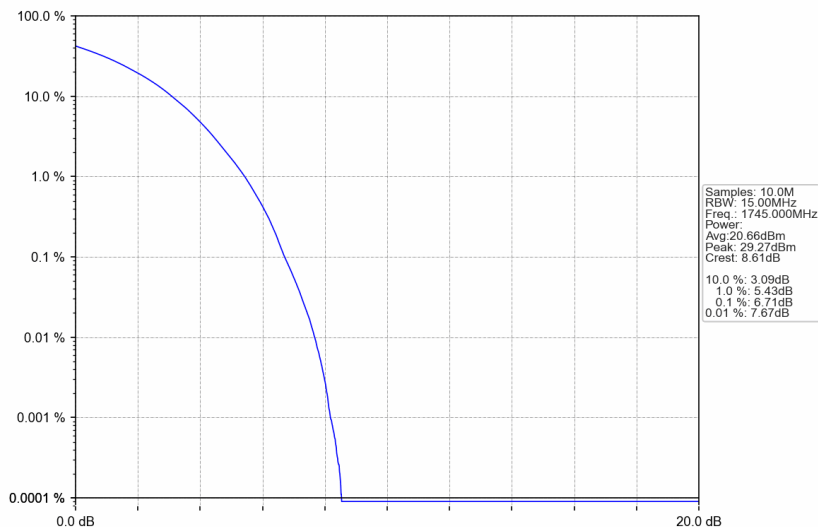
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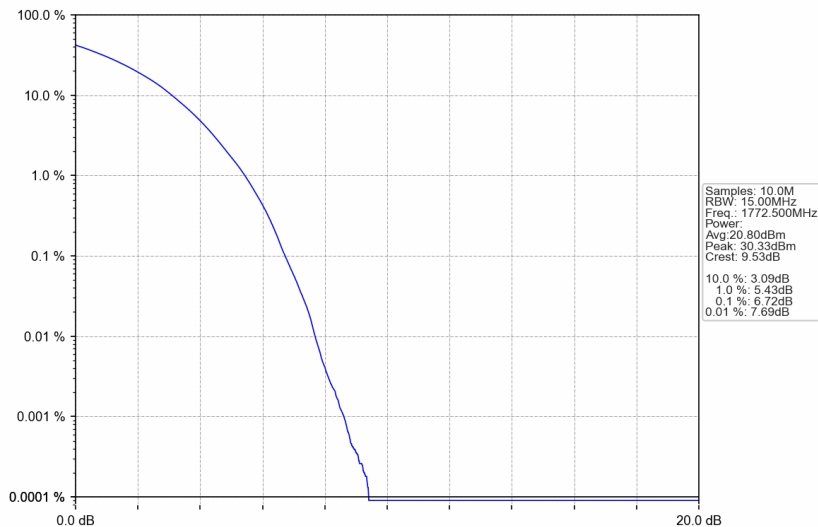
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Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



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4.6 B66_20MHz

4.6.1 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	5.83	<=13	Pass
	1745	100	0	5.85	<=13	Pass
	1770	100	0	5.85	<=13	Pass
16QAM	1720	100	0	6.87	<=13	Pass
	1745	100	0	6.85	<=13	Pass
	1770	100	0	6.88	<=13	Pass
64QAM	1720	100	0	6.51	<=13	Pass
	1745	100	0	6.45	<=13	Pass
	1770	100	0	6.50	<=13	Pass
256QAM	1720	100	0	6.72	<=13	Pass
	1745	100	0	6.70	<=13	Pass
	1770	100	0	6.69	<=13	Pass



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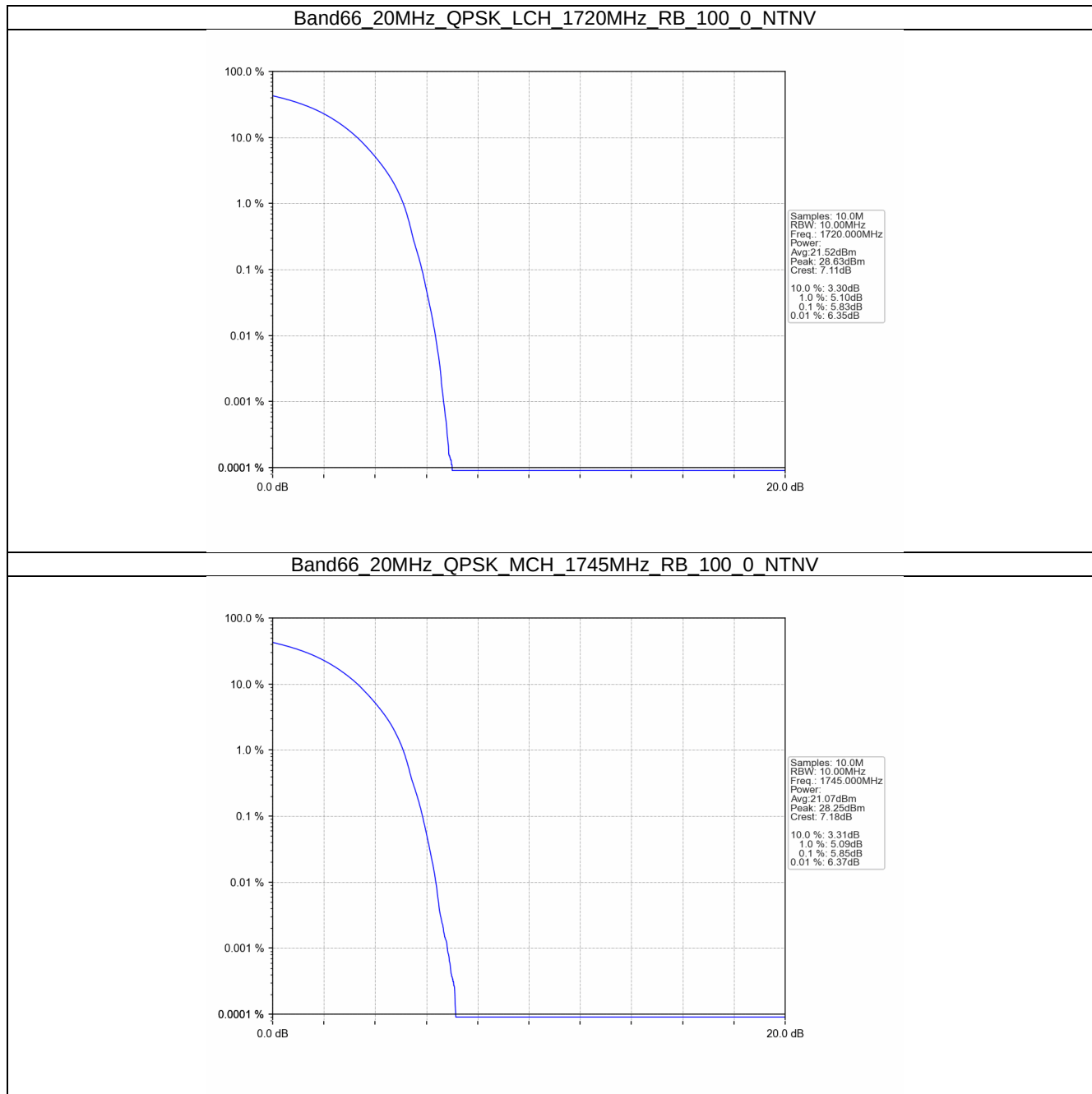
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4.6.2 Test Graph



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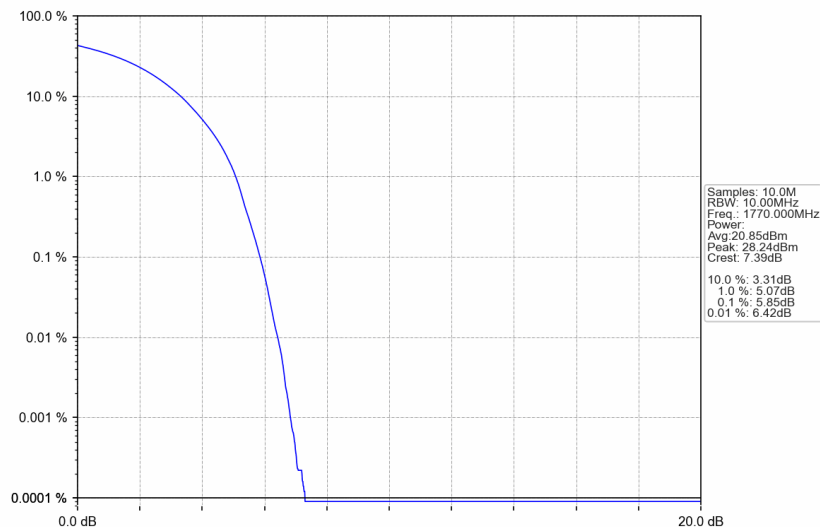
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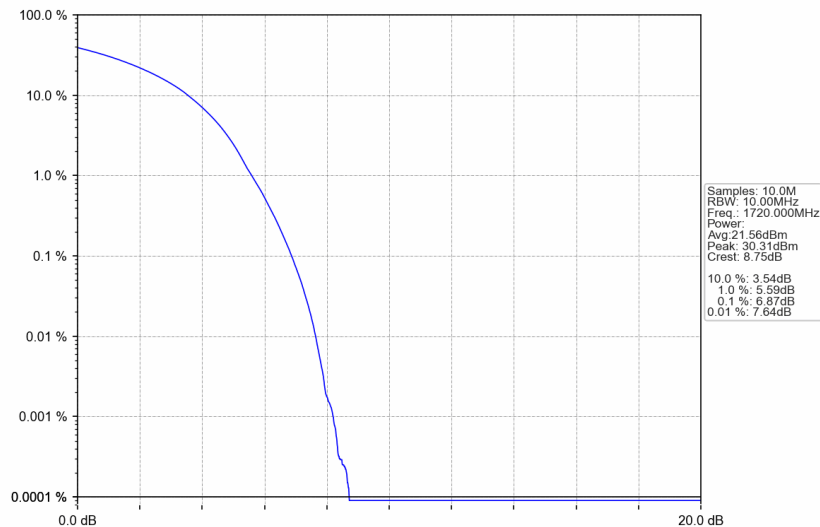
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Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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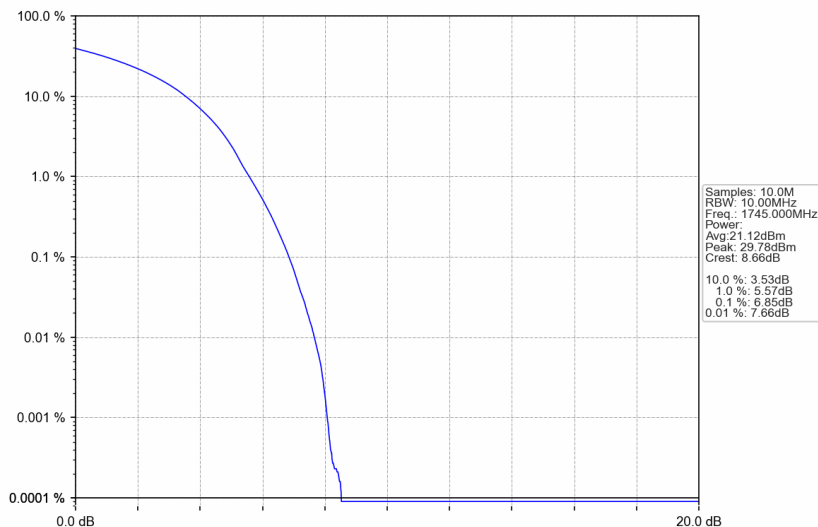
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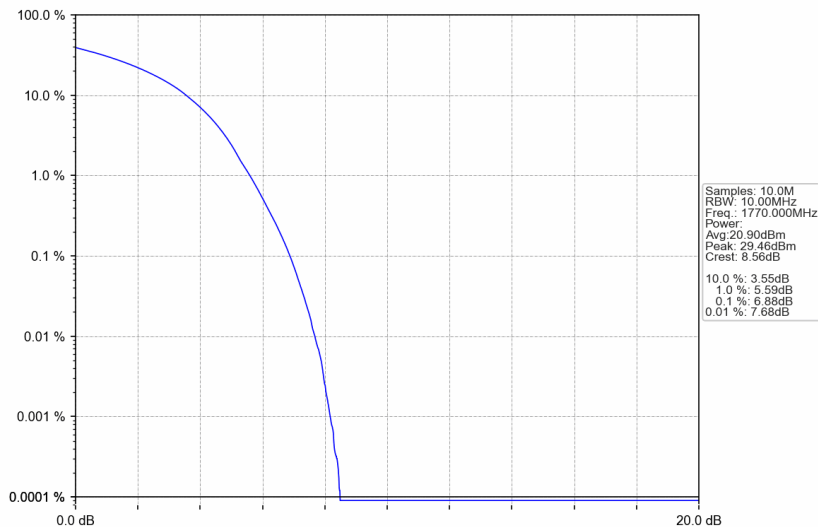
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Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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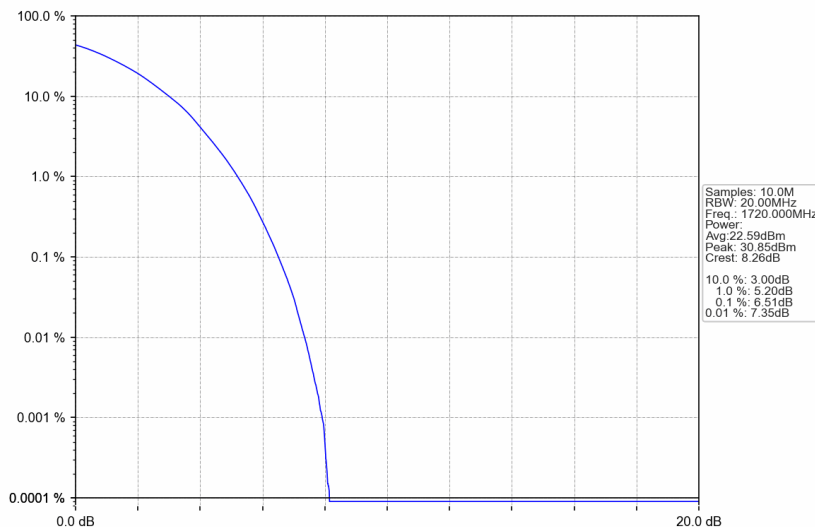
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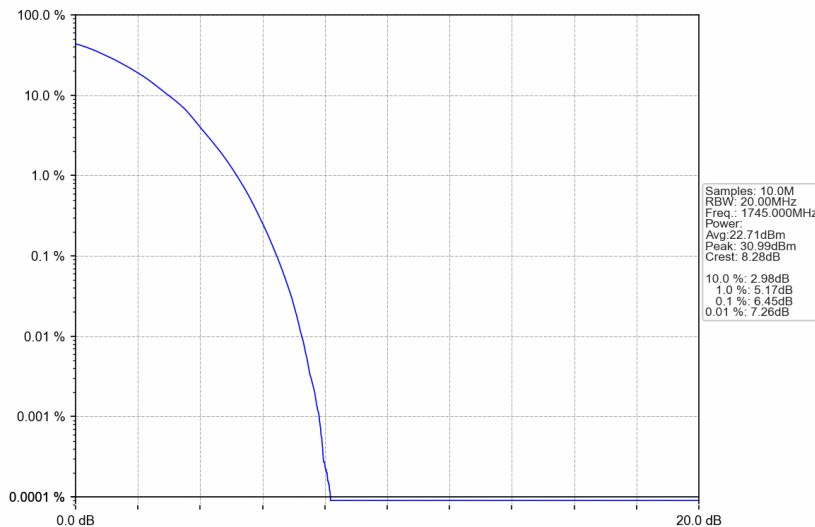
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Band66_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



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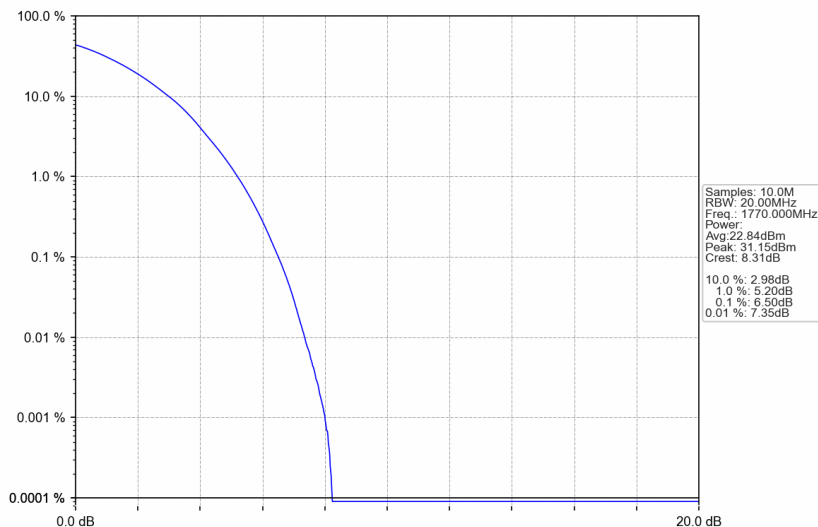
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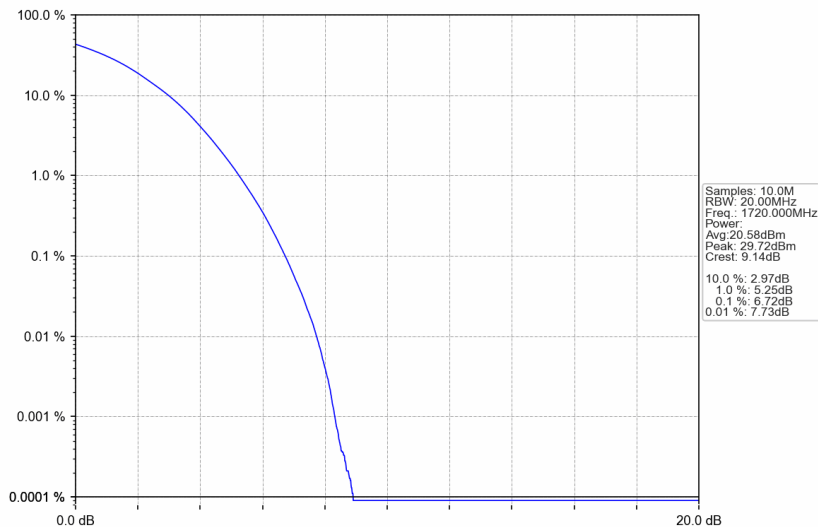
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Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



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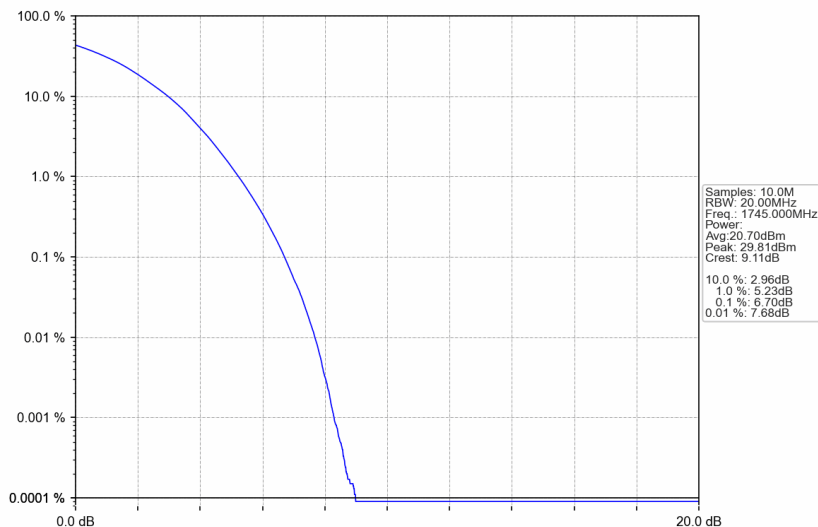
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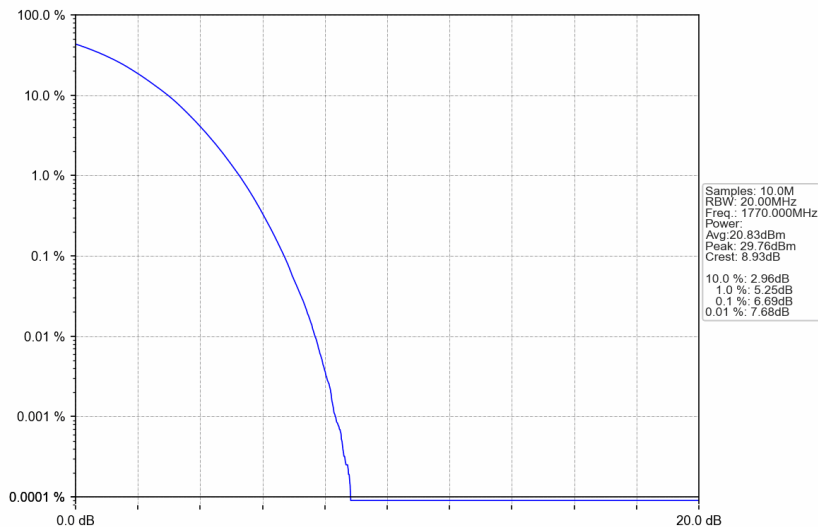
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Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 256QAM HCH 1770MHz RB 100 0 NTN



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5. Spurious Emission & Band Edges

5.1 B66_1.4MHz

5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
256QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



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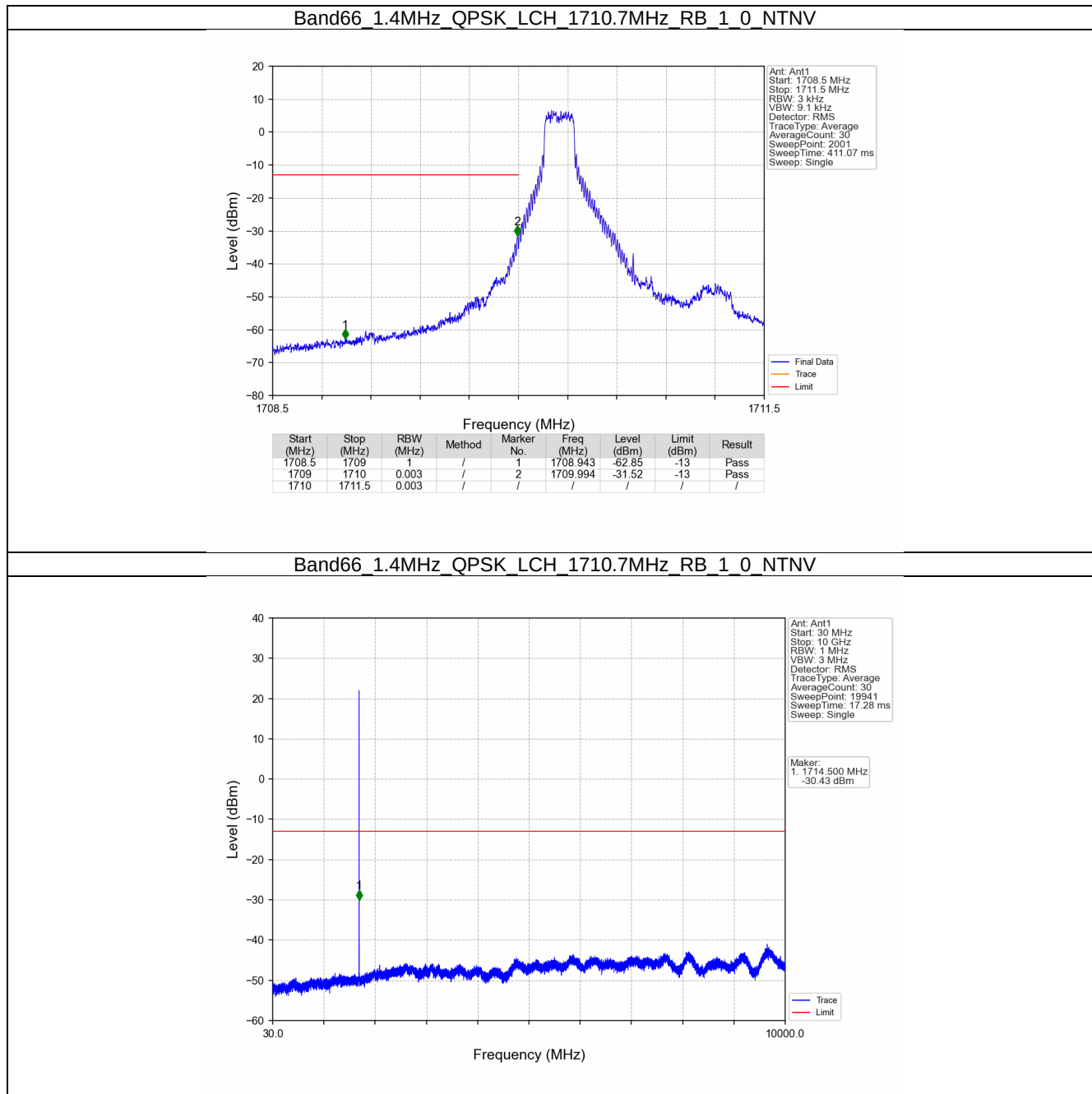
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5.1.2 Test Graph



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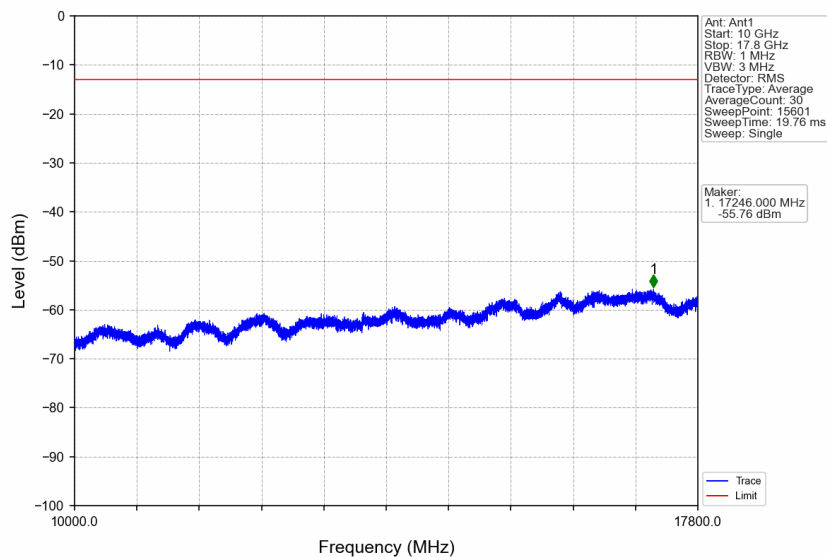


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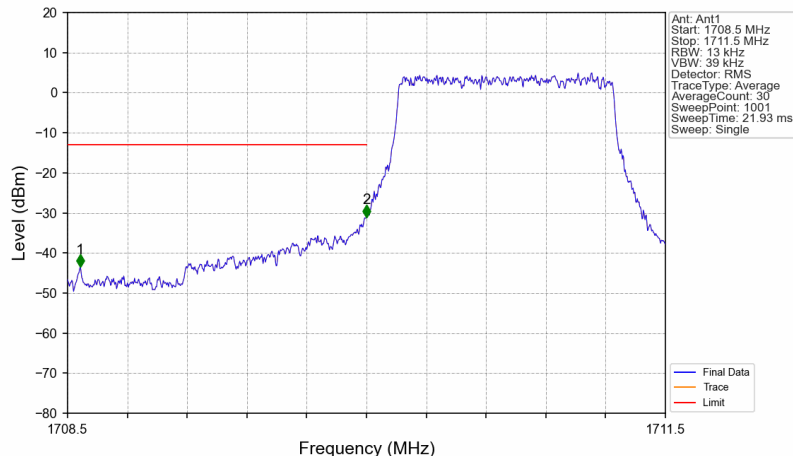
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Band66 1.4MHz QPSK LCH 1710.7MHz_RB_1_0_NTNV



Band66 1.4MHz QPSK LCH 1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.563	-43.46	-13	Pass
1709	1710	0.013	/	2	1710.000	-31.09	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



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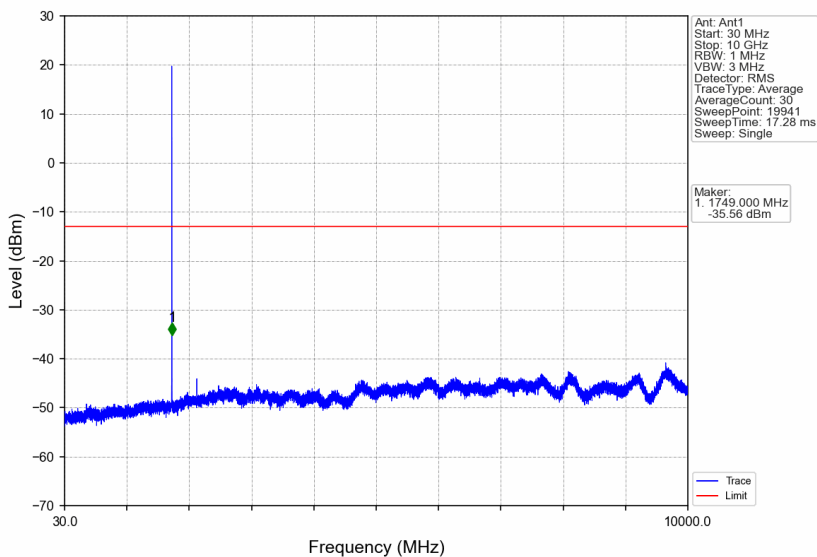
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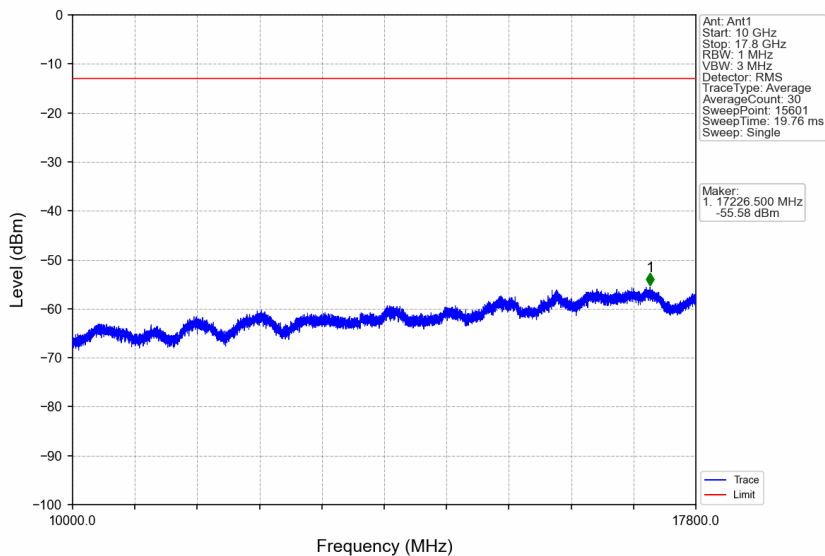
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Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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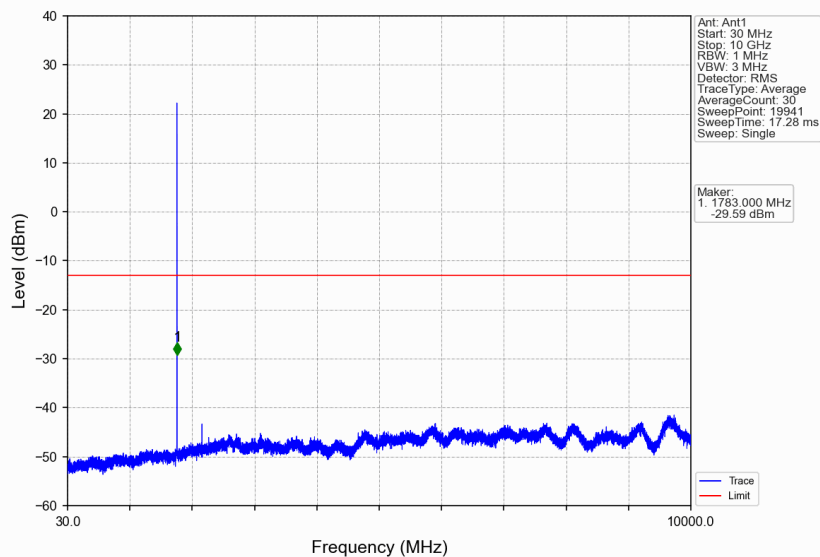
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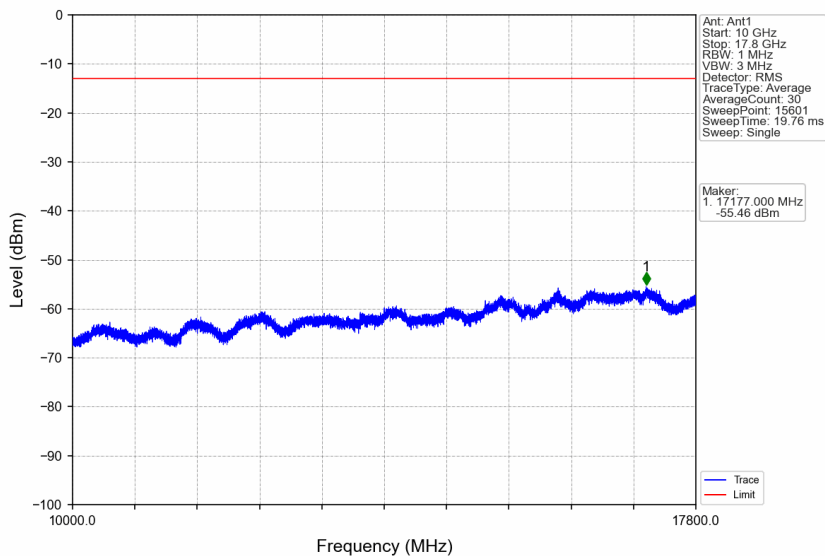
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Band66 1.4MHz QPSK HCH 1779.3MHz RB_1_0 NTN



Band66 1.4MHz QPSK HCH 1779.3MHz RB_1_0 NTN



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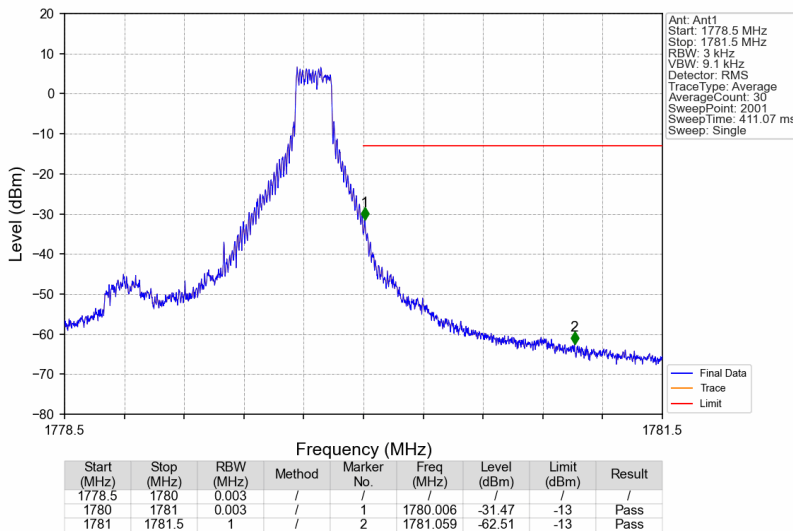
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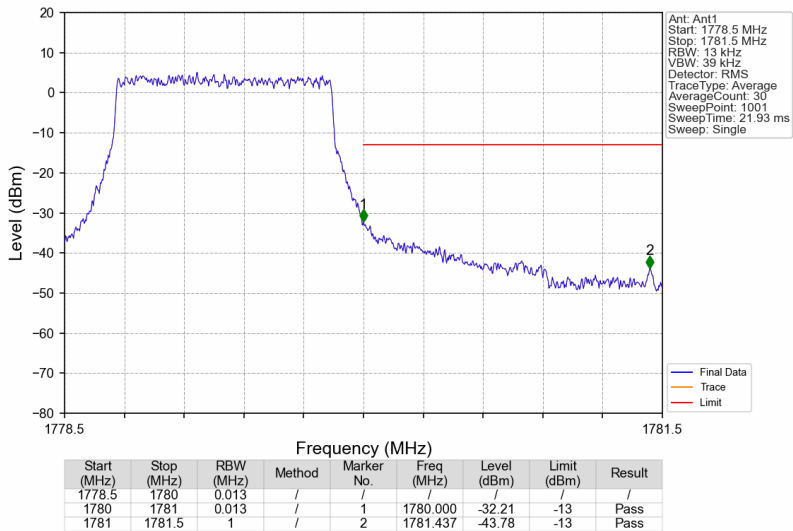
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Band66 1.4MHz QPSK HCH 1779.3MHz_RB_1_5 NTN



Band66 1.4MHz QPSK HCH 1779.3MHz_RB_6_0 NTN



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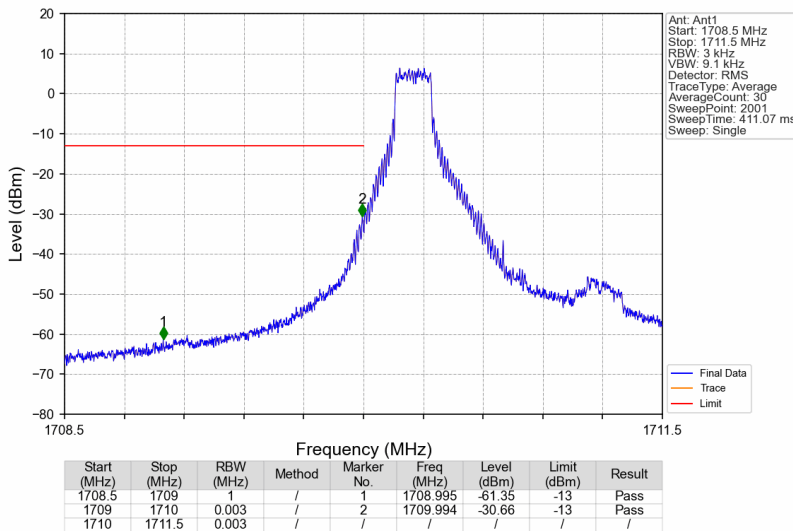
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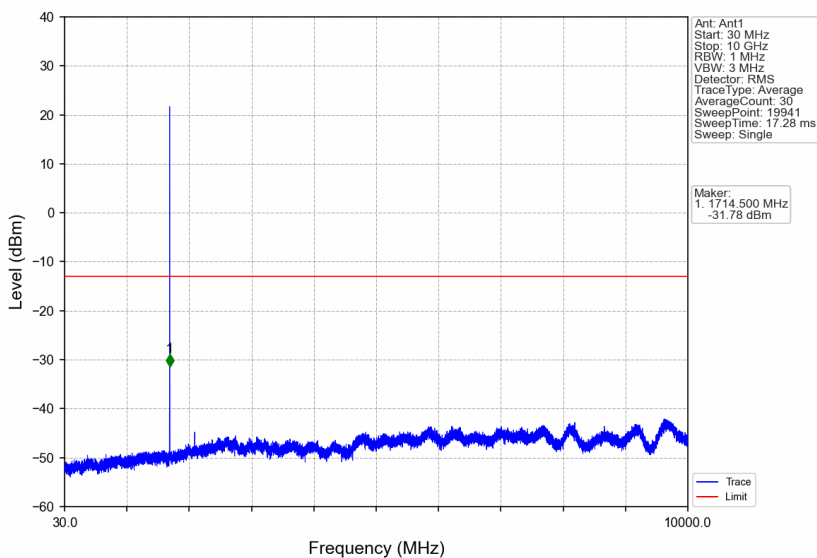
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



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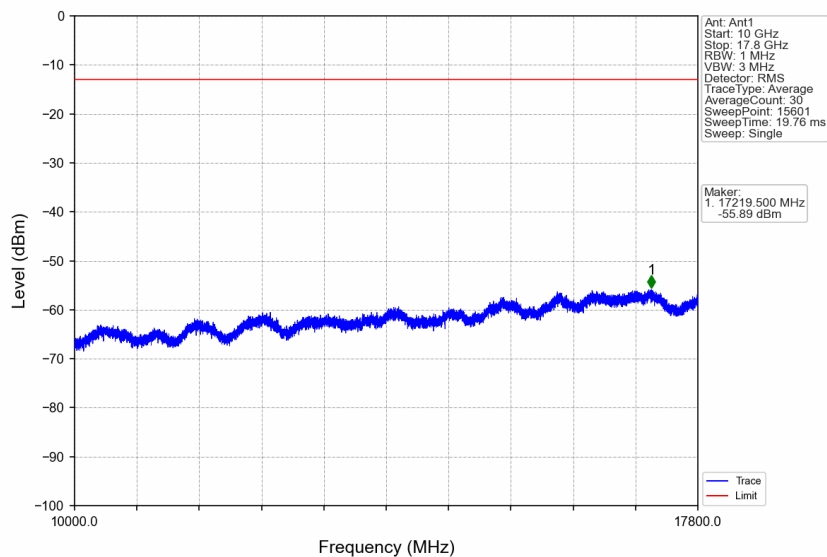
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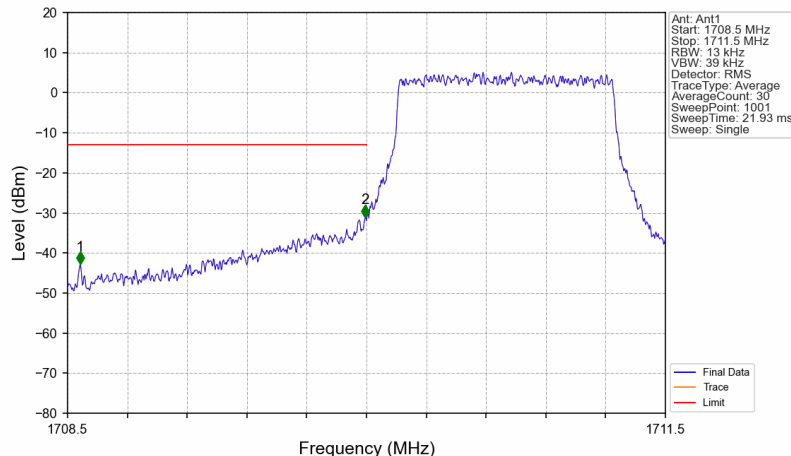
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.563	-42.51	-13	Pass
1709	1710	0.013	/	2	1709.994	-31.08	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



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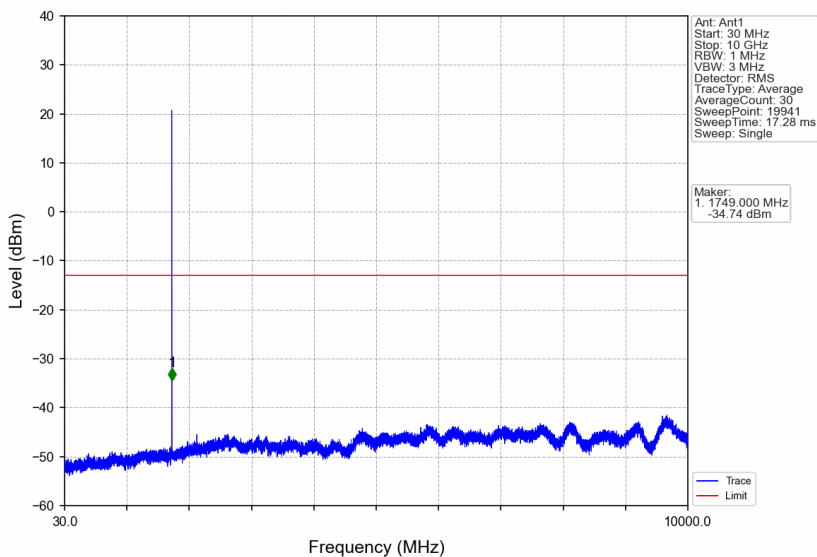
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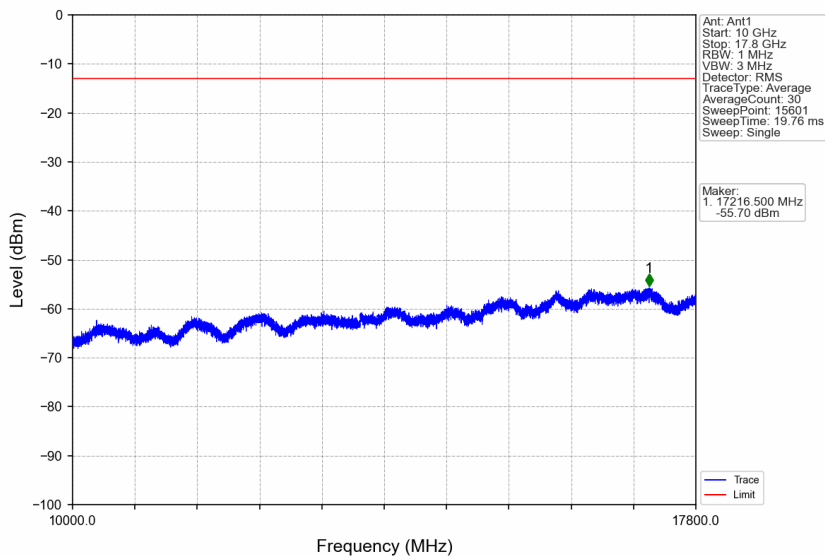
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Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTN



Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTN



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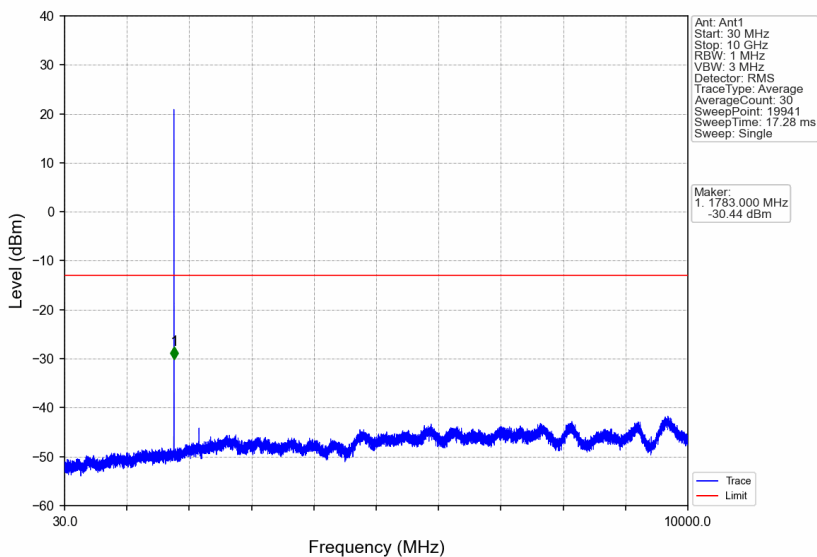
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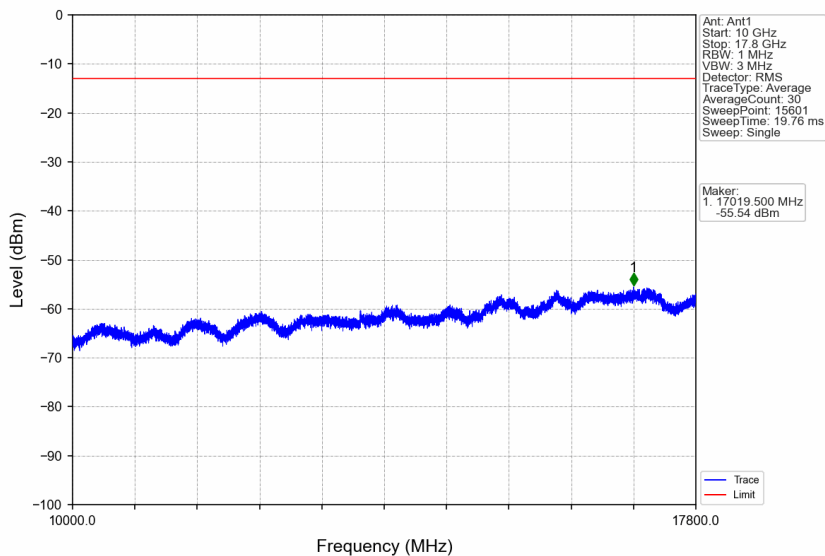
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Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



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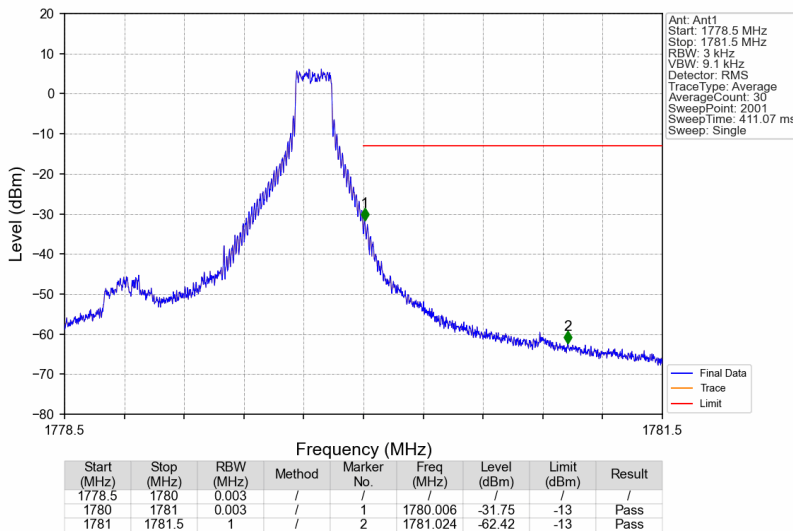
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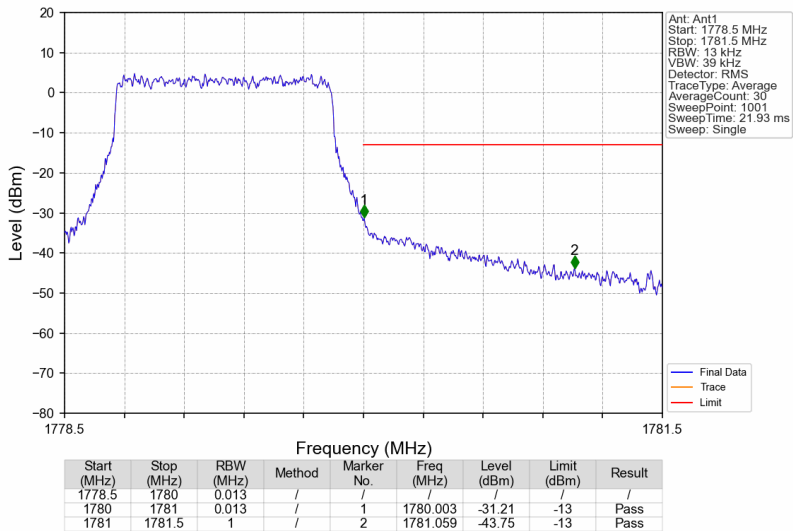
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Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_5_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



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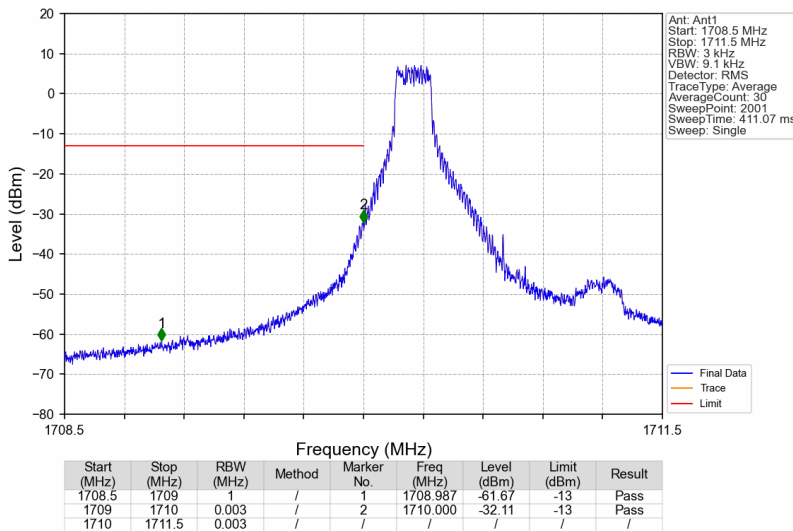
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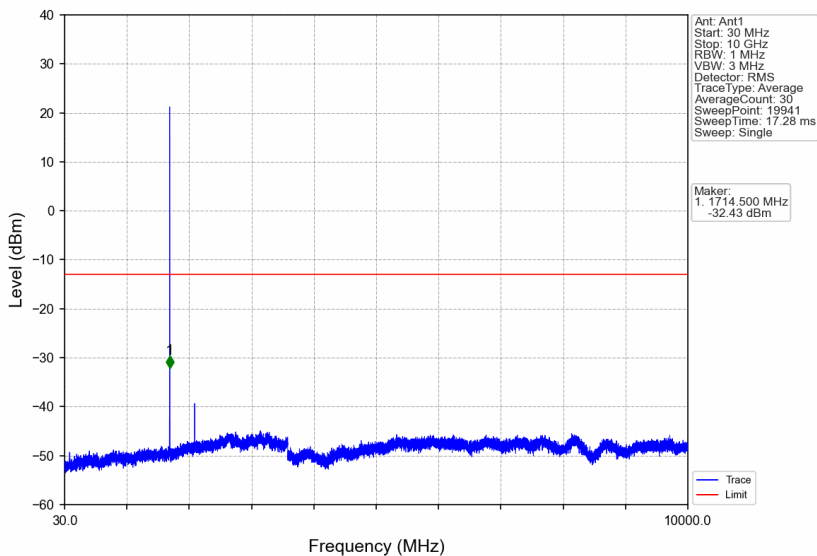
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV



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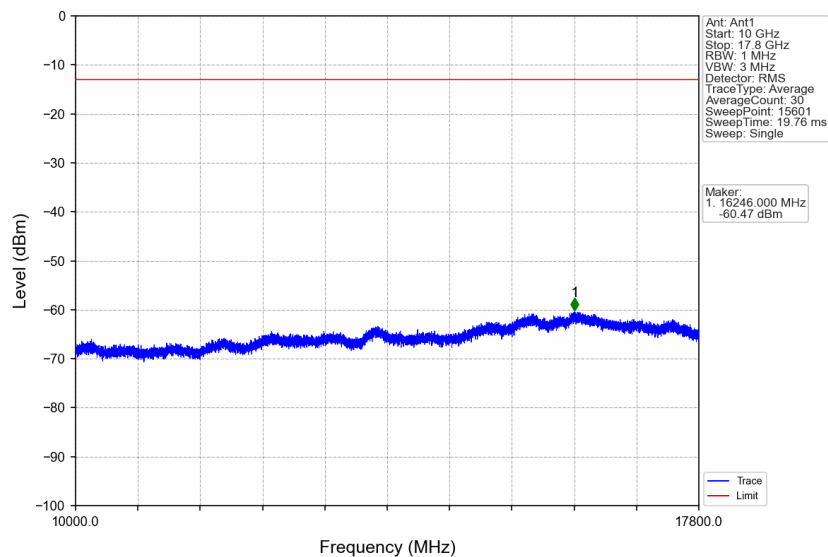


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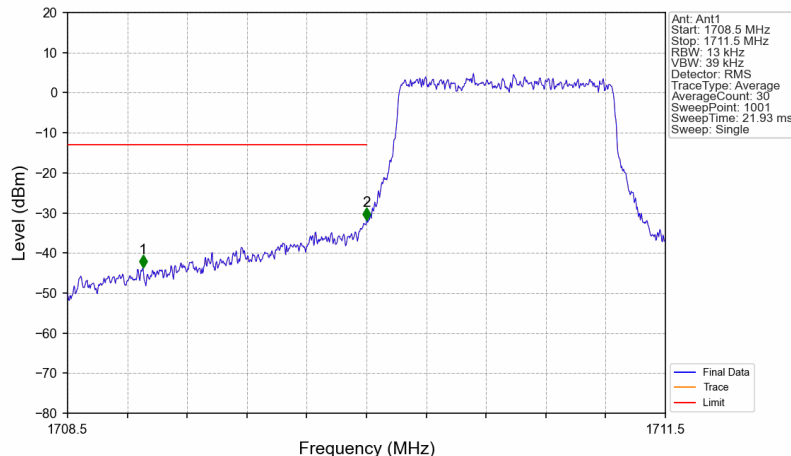
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.878	-43.60	-13	Pass
1709	1710	0.013	/	2	1710.000	-31.77	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



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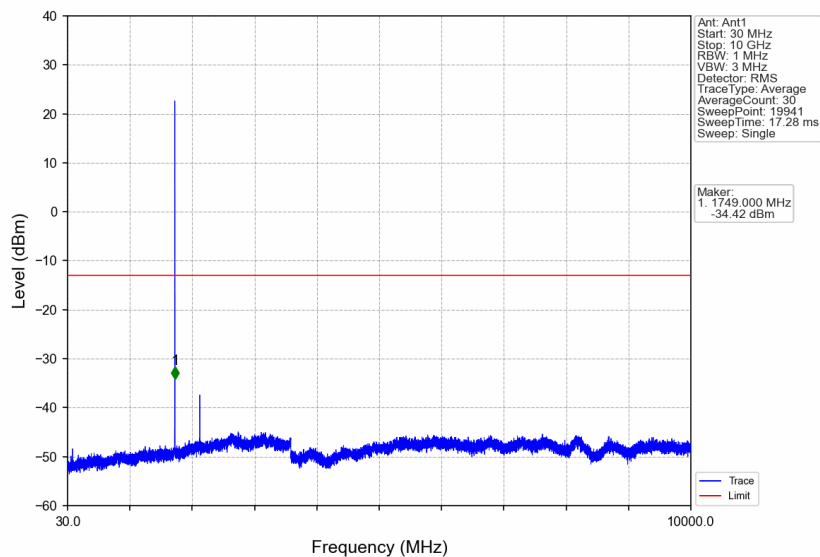
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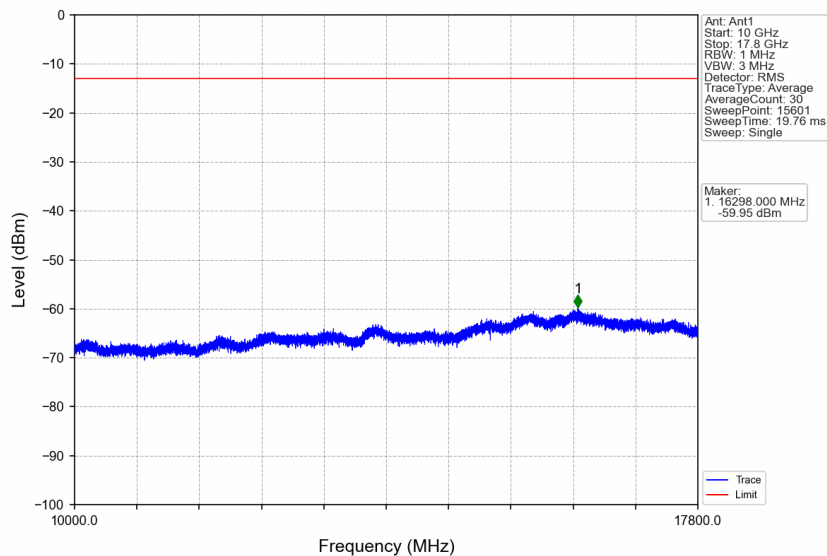
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Band66 1.4MHz 64QAM MCH 1745MHz RB 1 0 NTN



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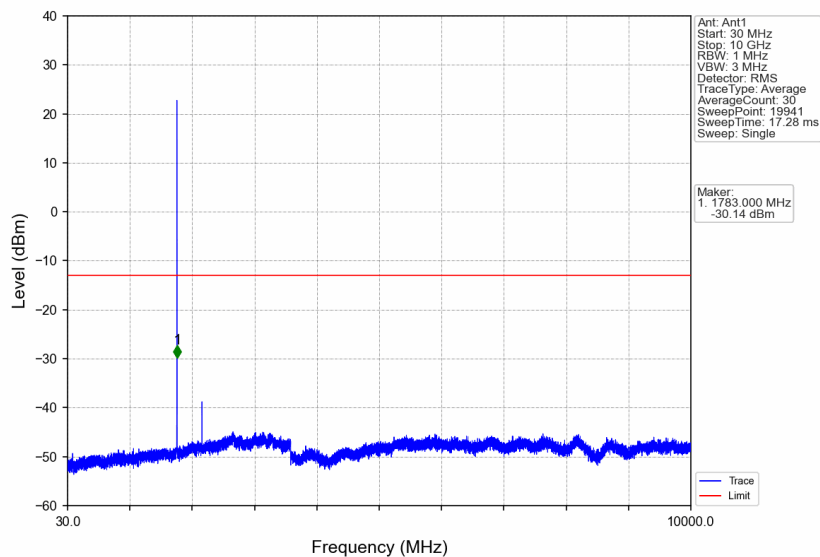
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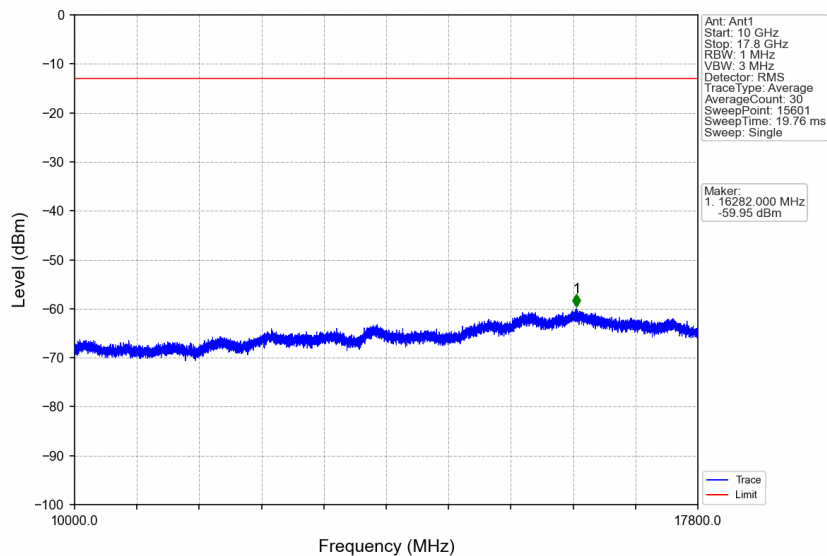
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_1_0_NTNV



Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_1_0_NTNV



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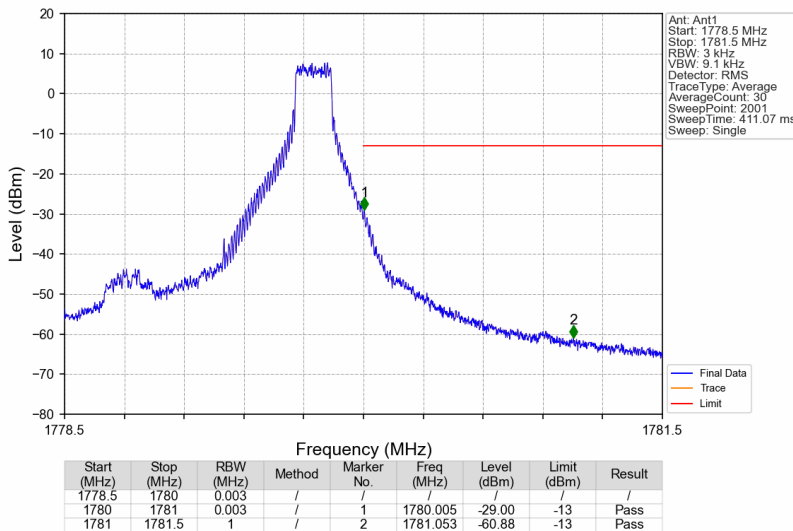
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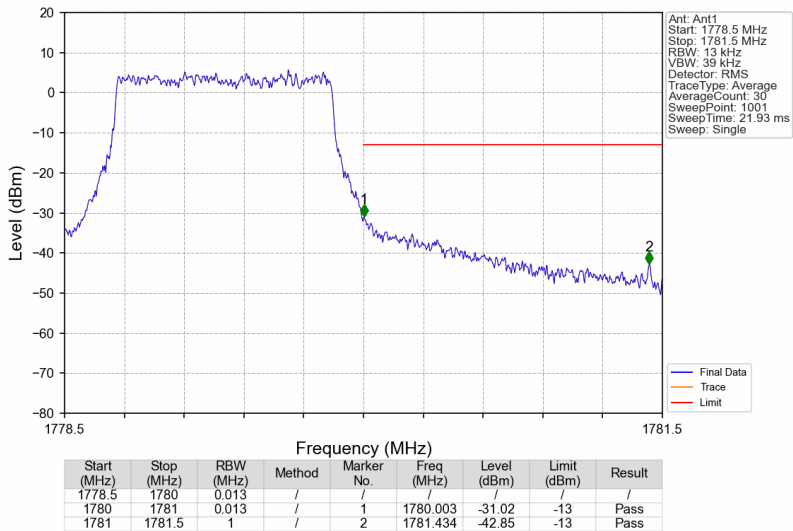
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_1_5_NTNV



Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



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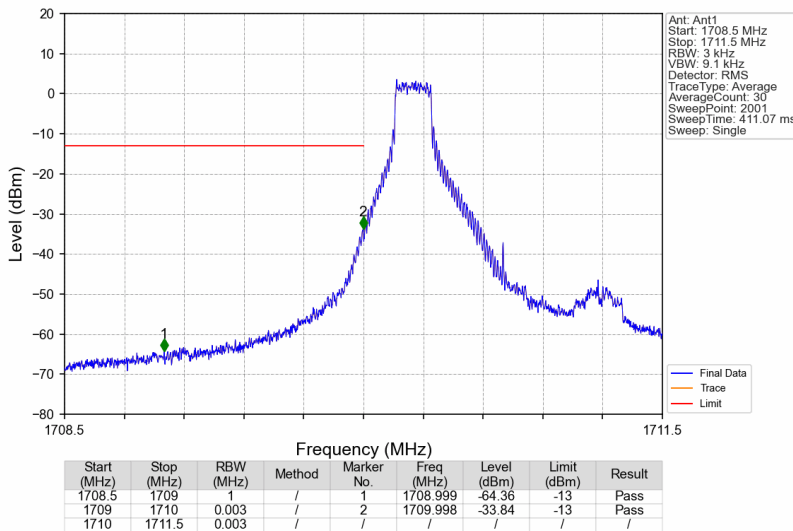
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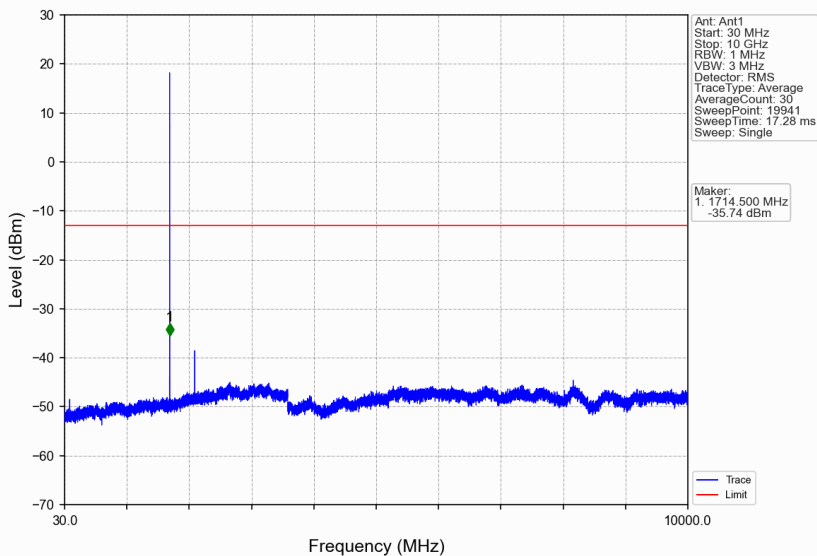
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Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_1_0_NTNV



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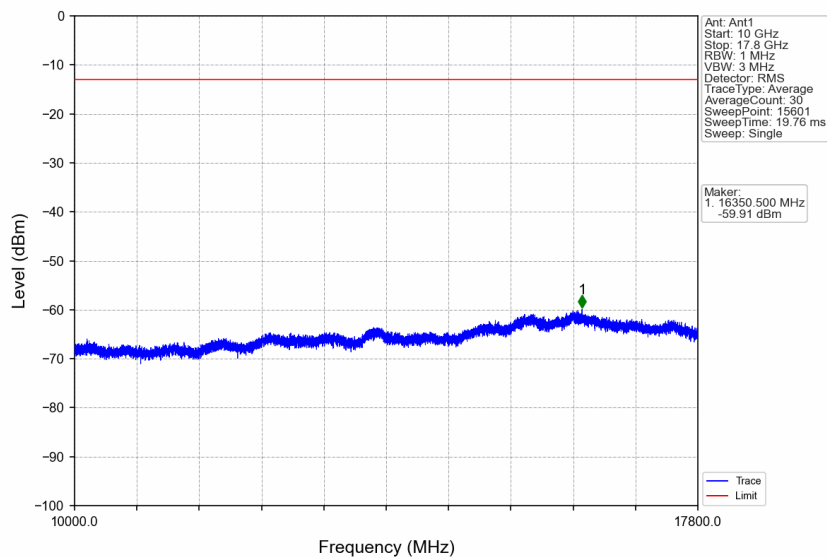
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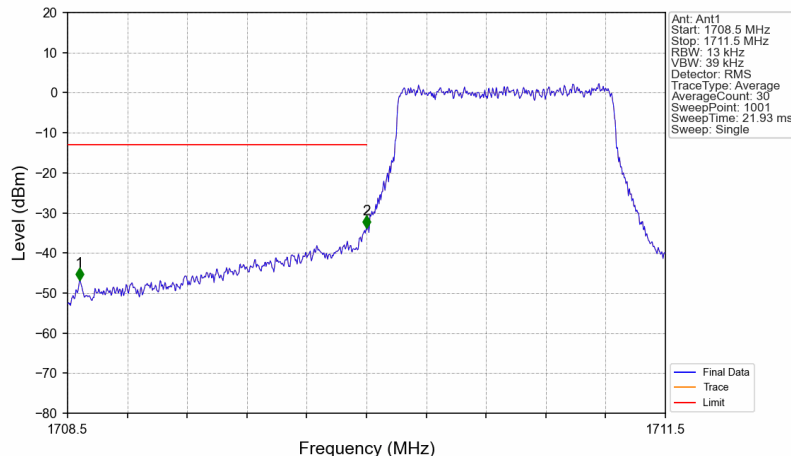
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Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.560	-46.89	-13	Pass
1709	1710	0.013	/	2	1710.000	-33.81	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



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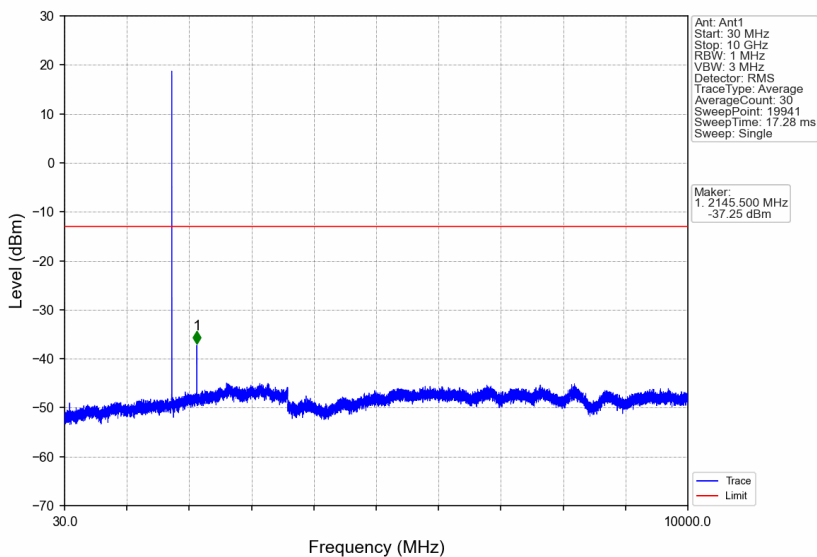
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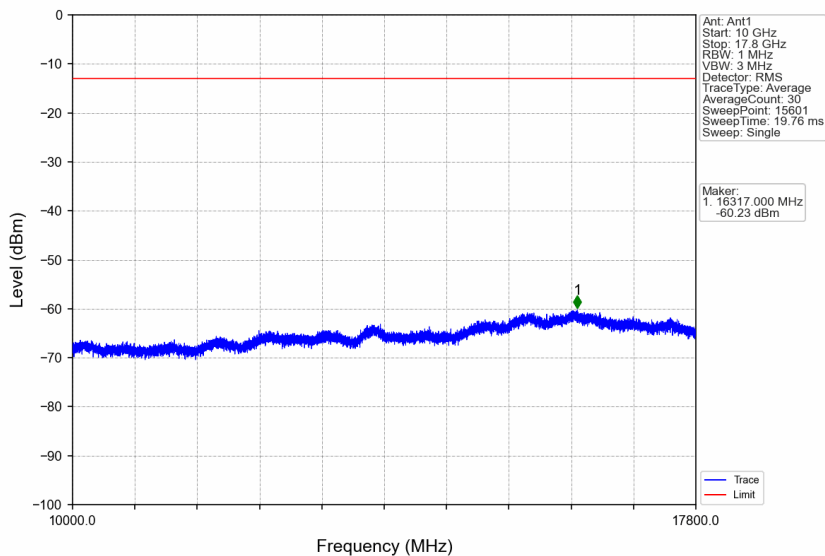
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Band66_1.4MHz_256QAM_MCH_1745MHz_RB_1_0_NTNV



Band66_1.4MHz_256QAM_MCH_1745MHz_RB_1_0_NTNV



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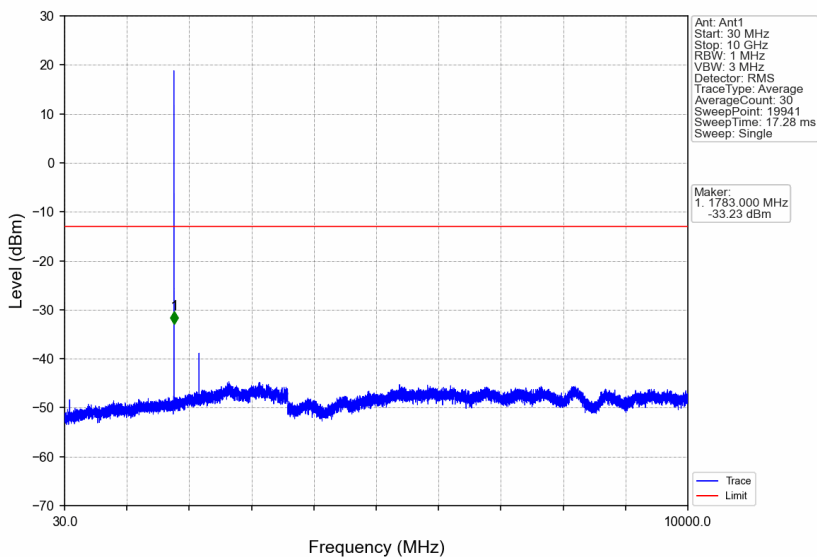


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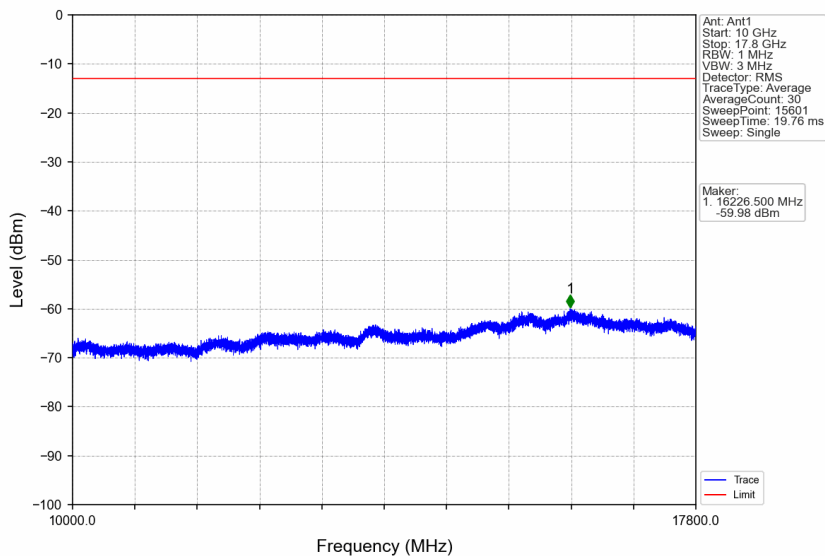
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Band66 1.4MHz 256QAM HCH 1779.3MHz RB 1 0 NTN



Band66 1.4MHz 256QAM HCH 1779.3MHz RB 1 0 NTN



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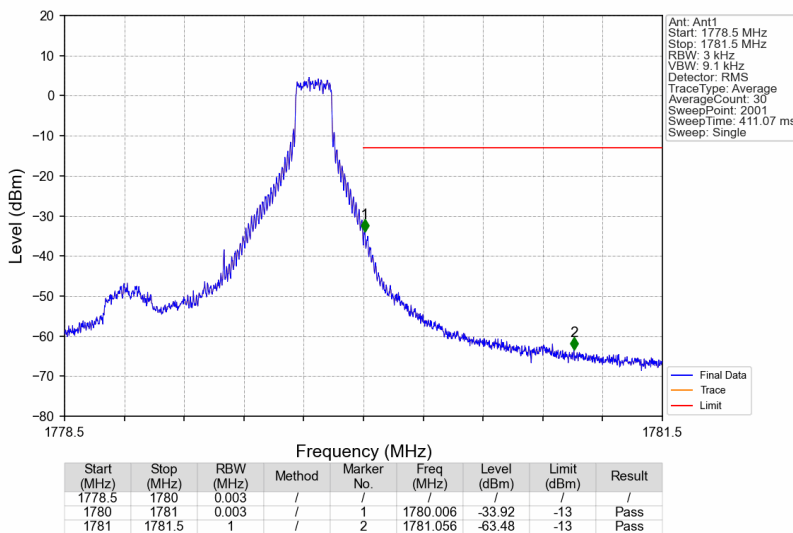
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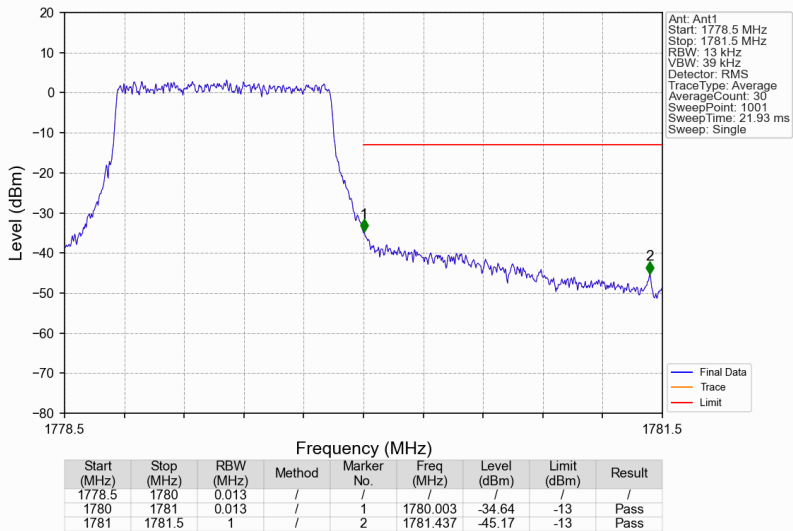
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Band66 1.4MHz 256QAM HCH 1779.3MHz_RB_1 5 NTNv



Band66 1.4MHz 256QAM HCH 1779.3MHz_RB_6 0 NTNv



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5.2 B66_3MHz

5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
256QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



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