

5. Peak-Average Ratio

5.1 Test Result

5.1.1 B2_1.4MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.78	<=13	Pass
	1880	6	0	5.15	<=13	Pass
	1909.3	6	0	5.45	<=13	Pass
16QAM	1850.7	6	0	5.61	<=13	Pass
	1880	6	0	6.01	<=13	Pass
	1909.3	6	0	6.25	<=13	Pass

5.1.2 B2_3MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.98	<=13	Pass
	1880	15	0	5.34	<=13	Pass
	1908.5	15	0	5.48	<=13	Pass
16QAM	1851.5	15	0	5.78	<=13	Pass
	1880	15	0	6.14	<=13	Pass
	1908.5	15	0	6.32	<=13	Pass

5.1.3 B2_5MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.26	<=13	Pass
	1880	25	0	5.51	<=13	Pass
	1907.5	25	0	5.64	<=13	Pass
16QAM	1852.5	25	0	5.91	<=13	Pass
	1880	25	0	6.22	<=13	Pass
	1907.5	25	0	6.44	<=13	Pass

5.1.4 B2_10MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.19	<=13	Pass
	1880	50	0	5.47	<=13	Pass
	1905	50	0	5.69	<=13	Pass
16QAM	1855	50	0	5.90	<=13	Pass
	1880	50	0	6.22	<=13	Pass
	1905	50	0	6.44	<=13	Pass

5.1.5 B2_15MHz

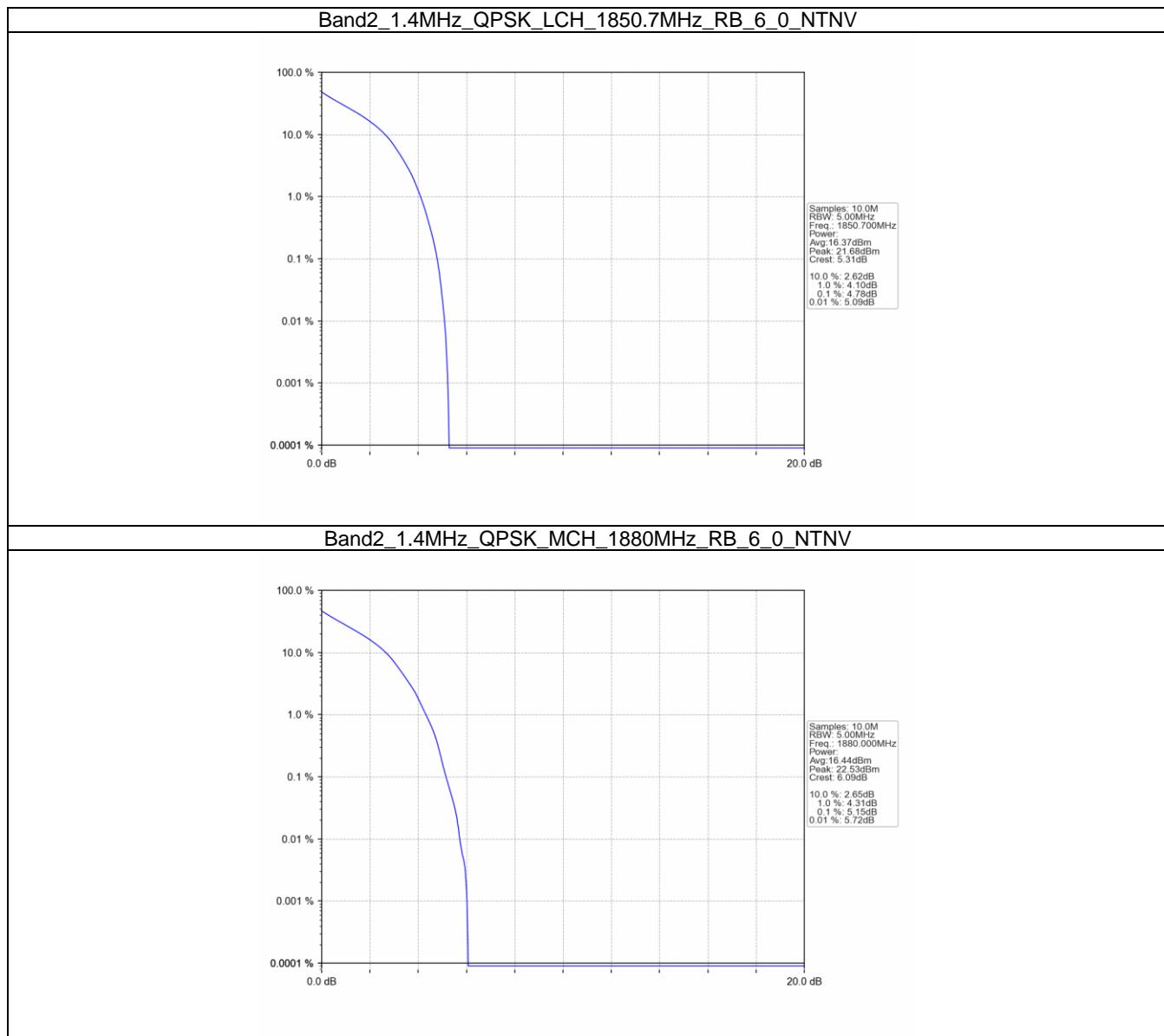
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.07	<=13	Pass
	1880	75	0	5.17	<=13	Pass
	1902.5	75	0	5.25	<=13	Pass
16QAM	1857.5	75	0	6.01	<=13	Pass
	1880	75	0	6.19	<=13	Pass
	1902.5	75	0	6.26	<=13	Pass

5.1.6 B2_20MHz

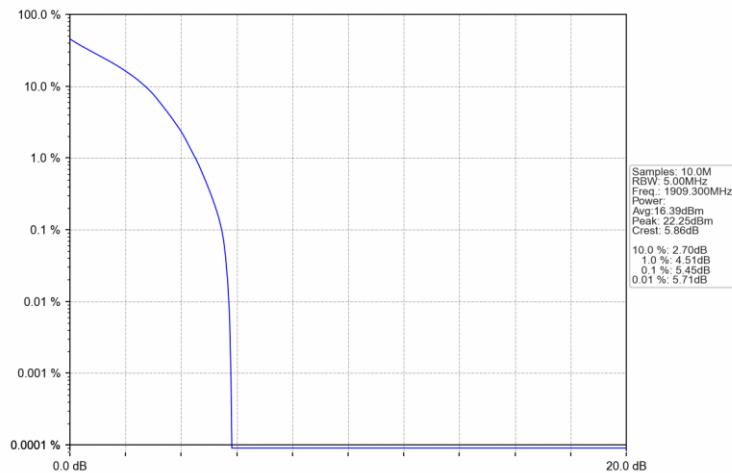
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		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.66	<=13	Pass
	1880	100	0	5.70	<=13	Pass
	1900	100	0	5.65	<=13	Pass
16QAM	1860	100	0	6.58	<=13	Pass
	1880	100	0	6.67	<=13	Pass
	1900	100	0	6.63	<=13	Pass

5.2 Test Graph

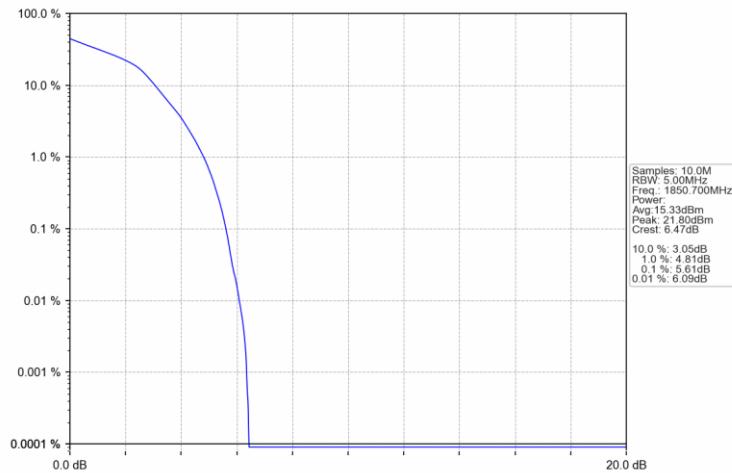
5.2.1 B2_1.4MHz



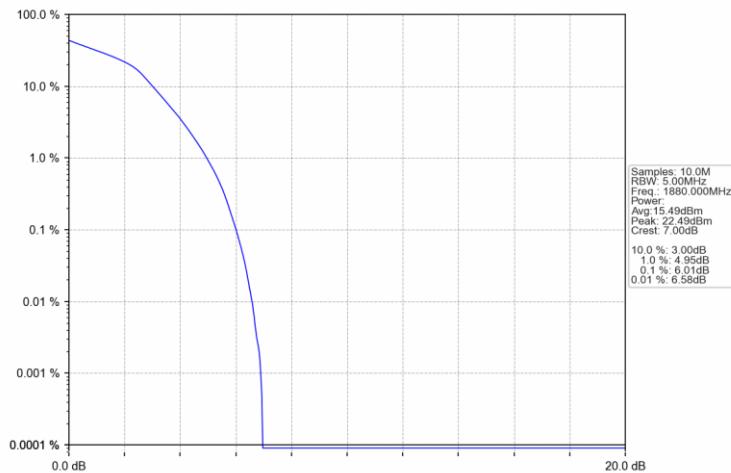
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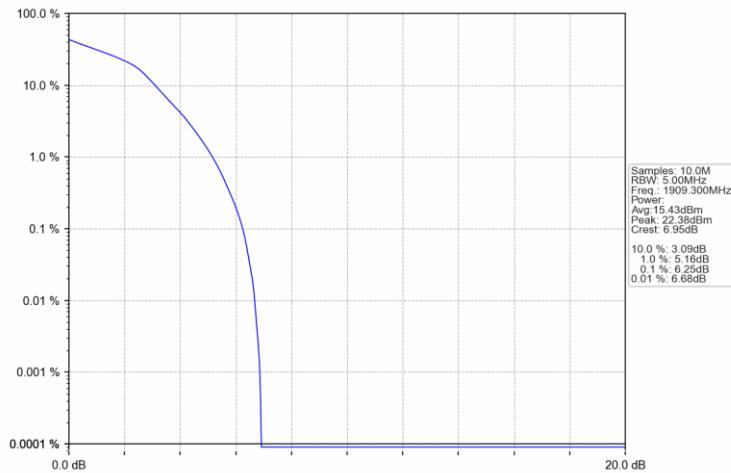
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



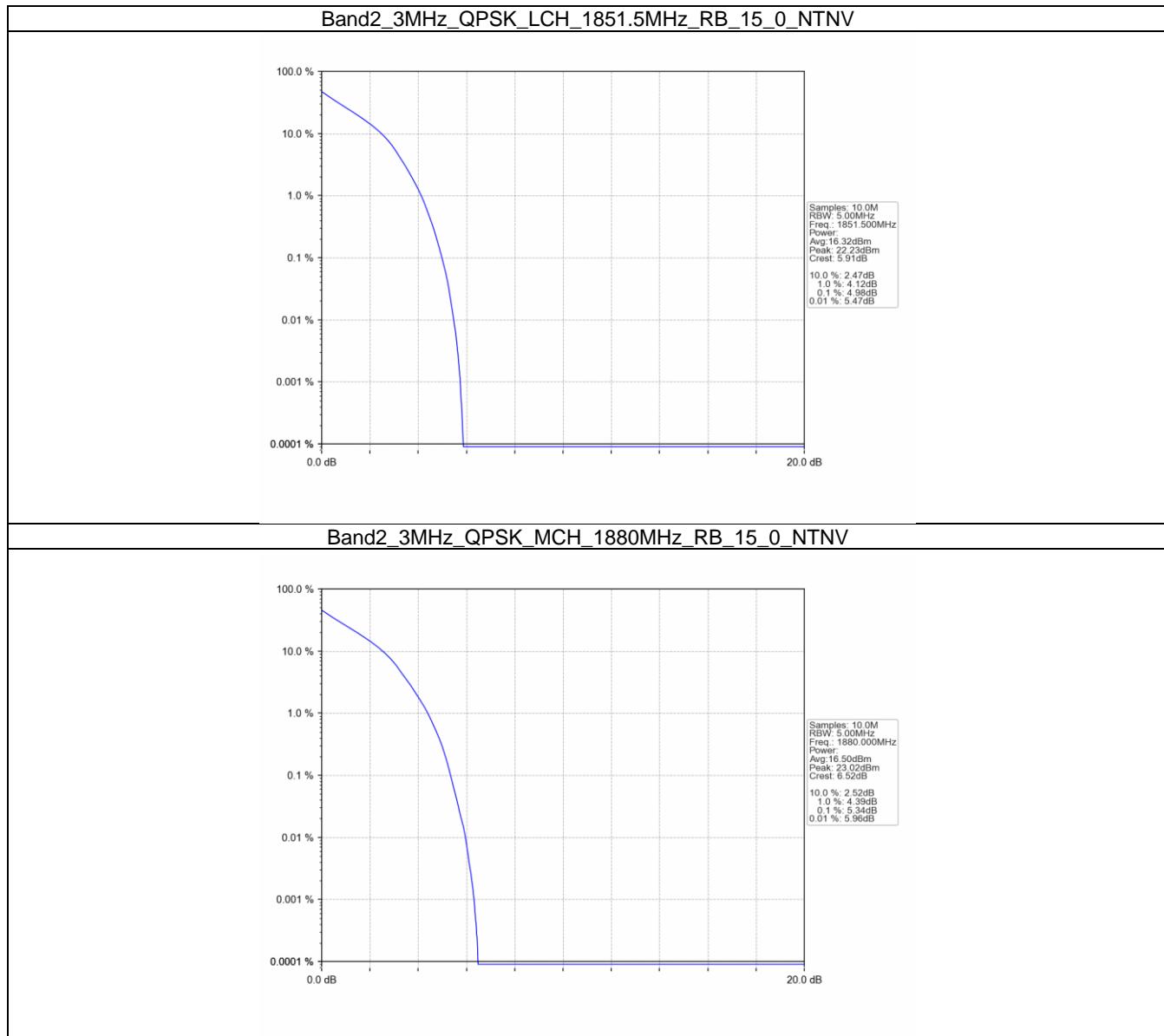
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



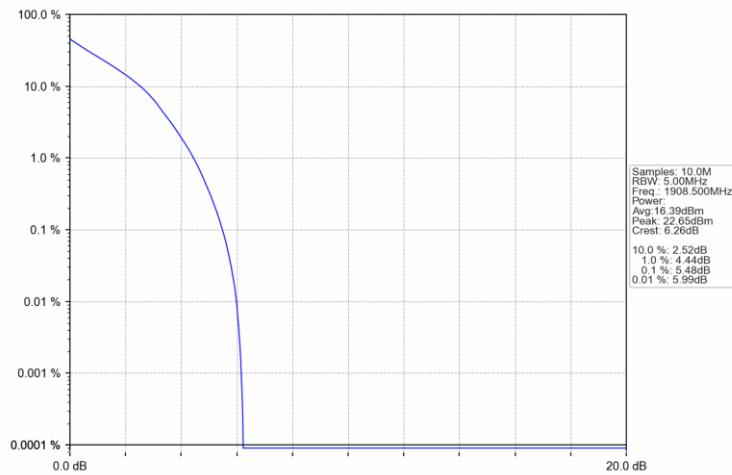
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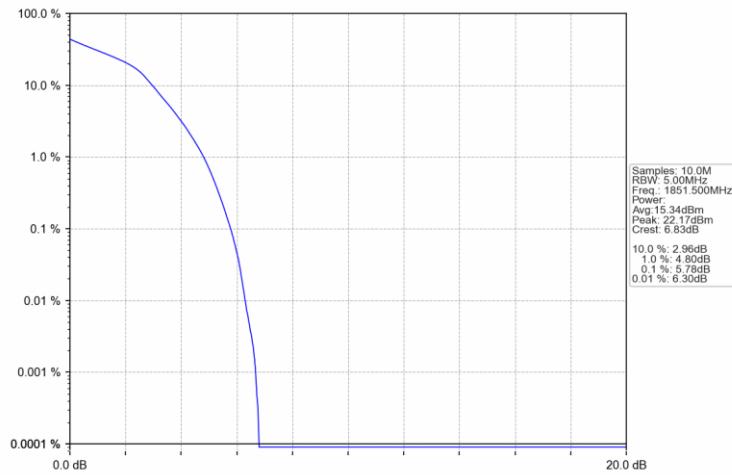
5.2.2 B2_3MHz



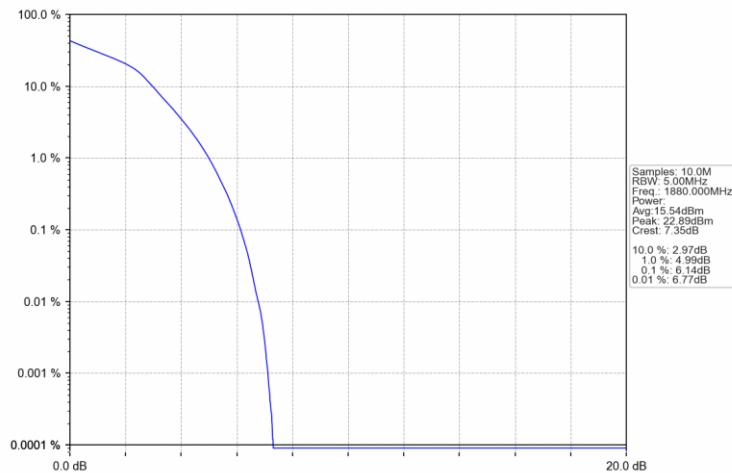
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



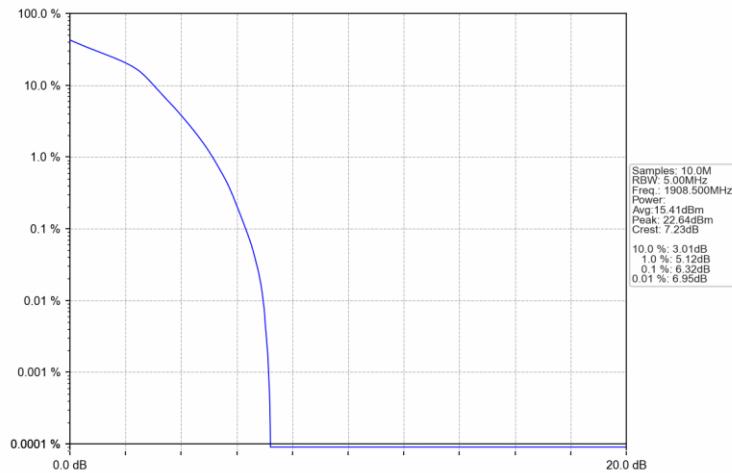
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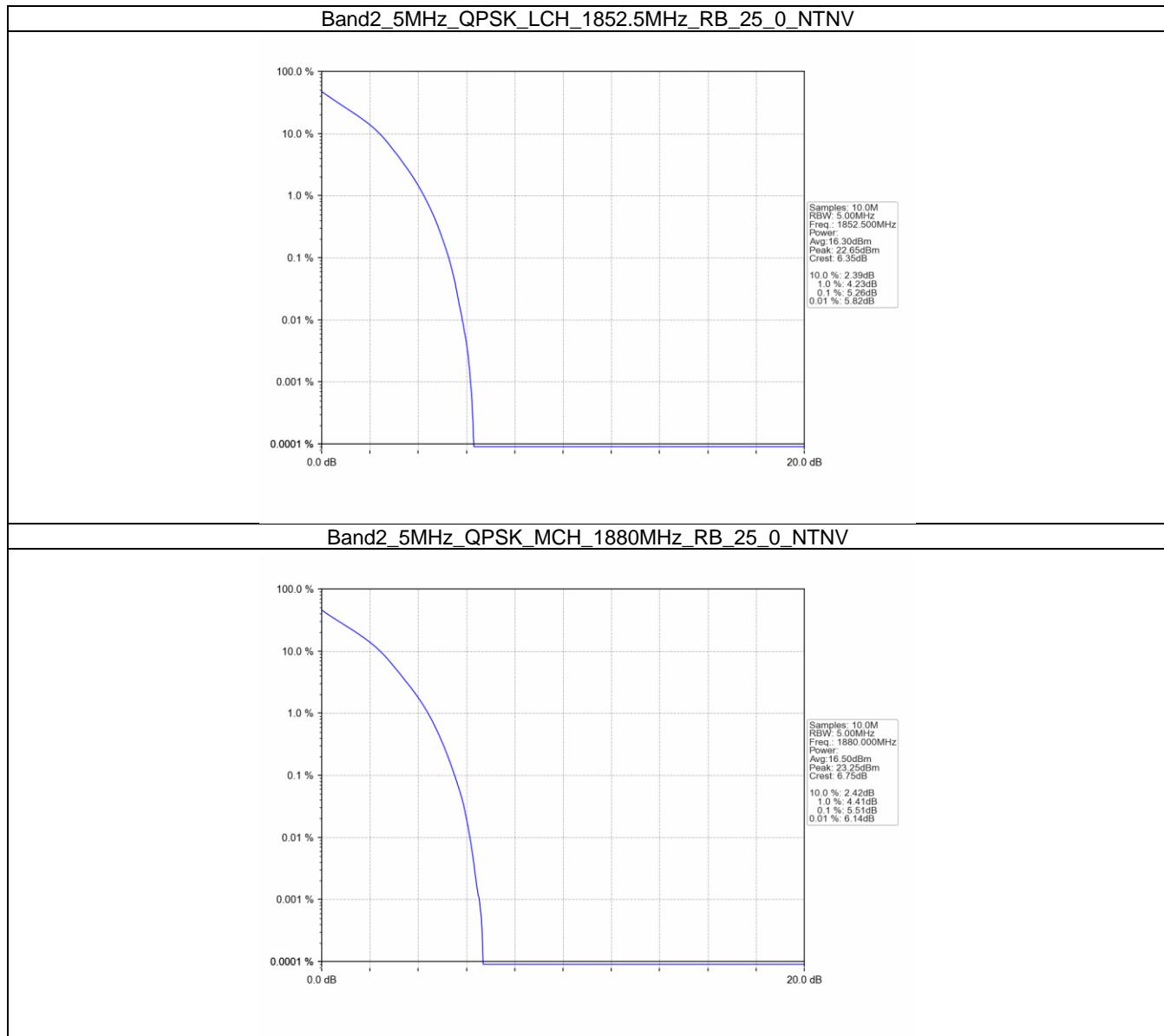
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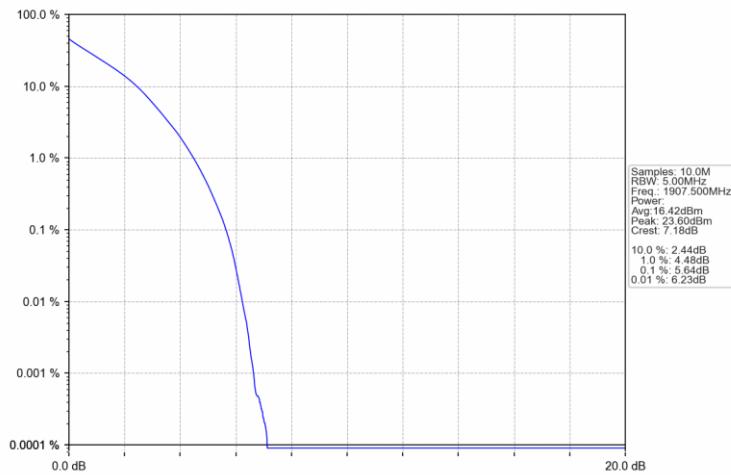
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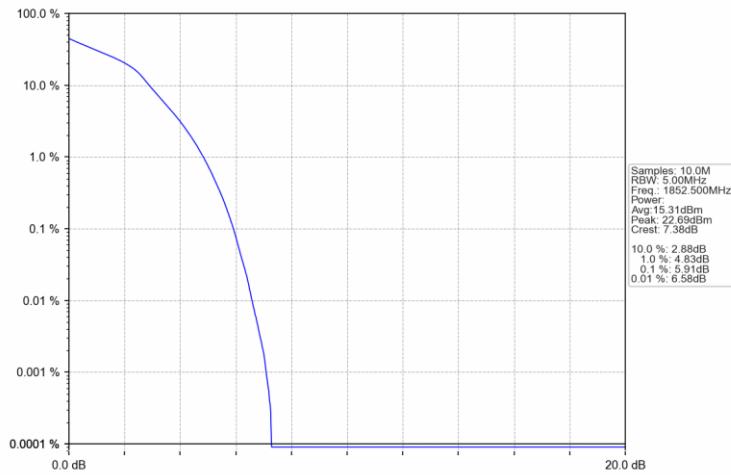
5.2.3 B2_5MHz



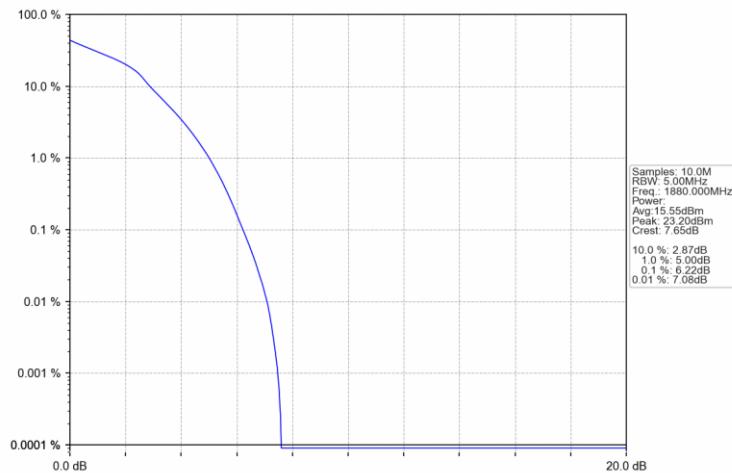
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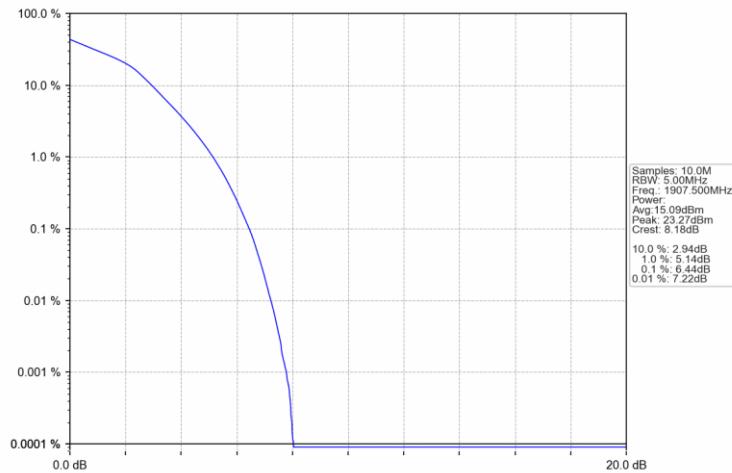
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Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV

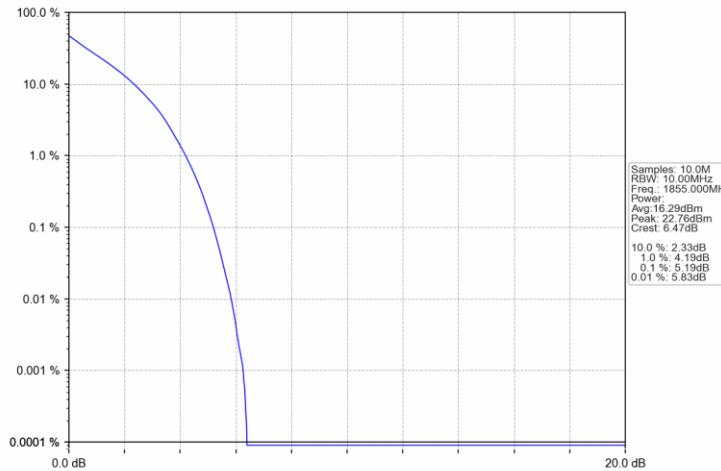


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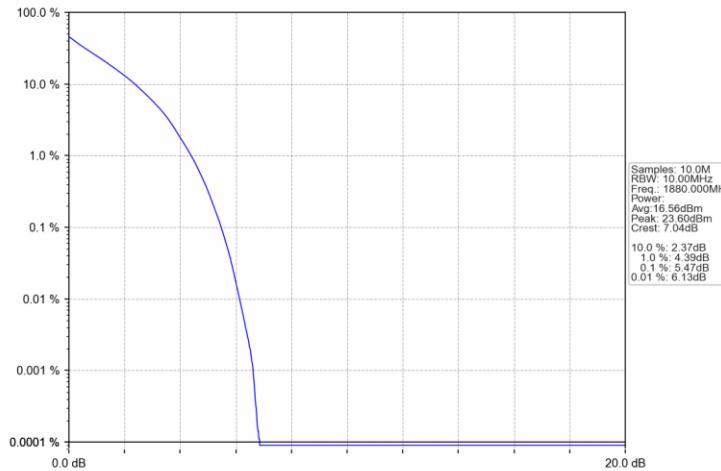


5.2.4 B2_10MHz

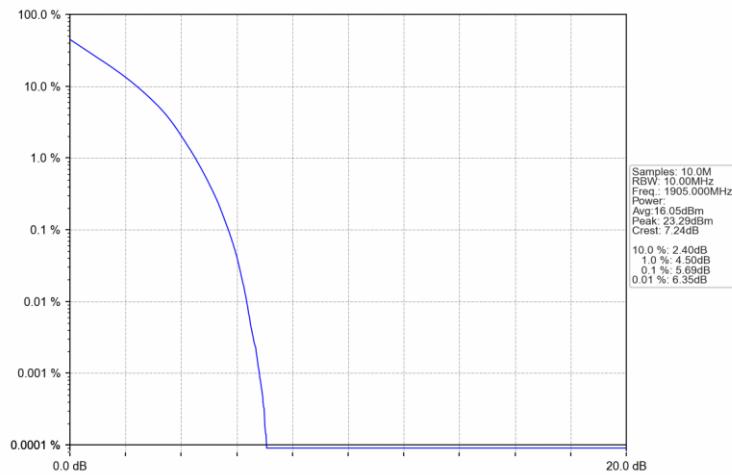
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



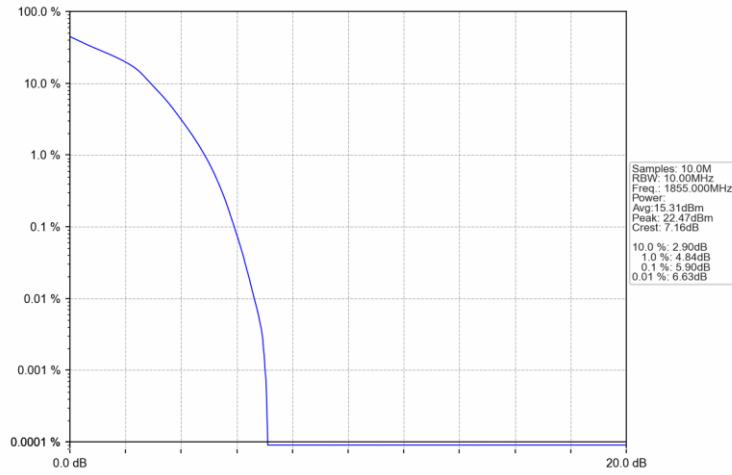
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



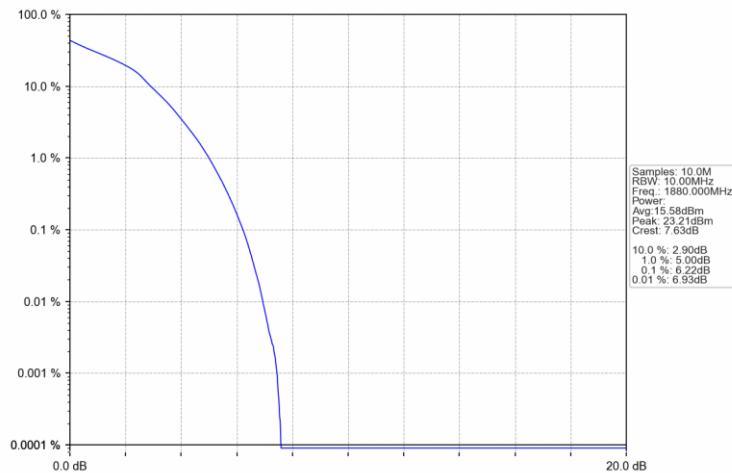
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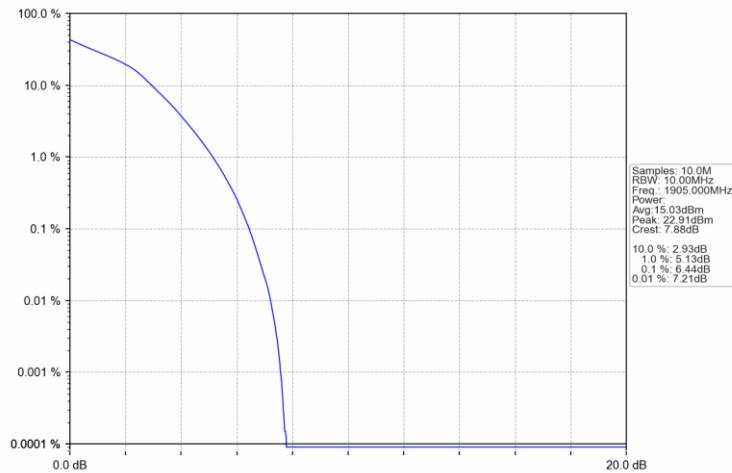
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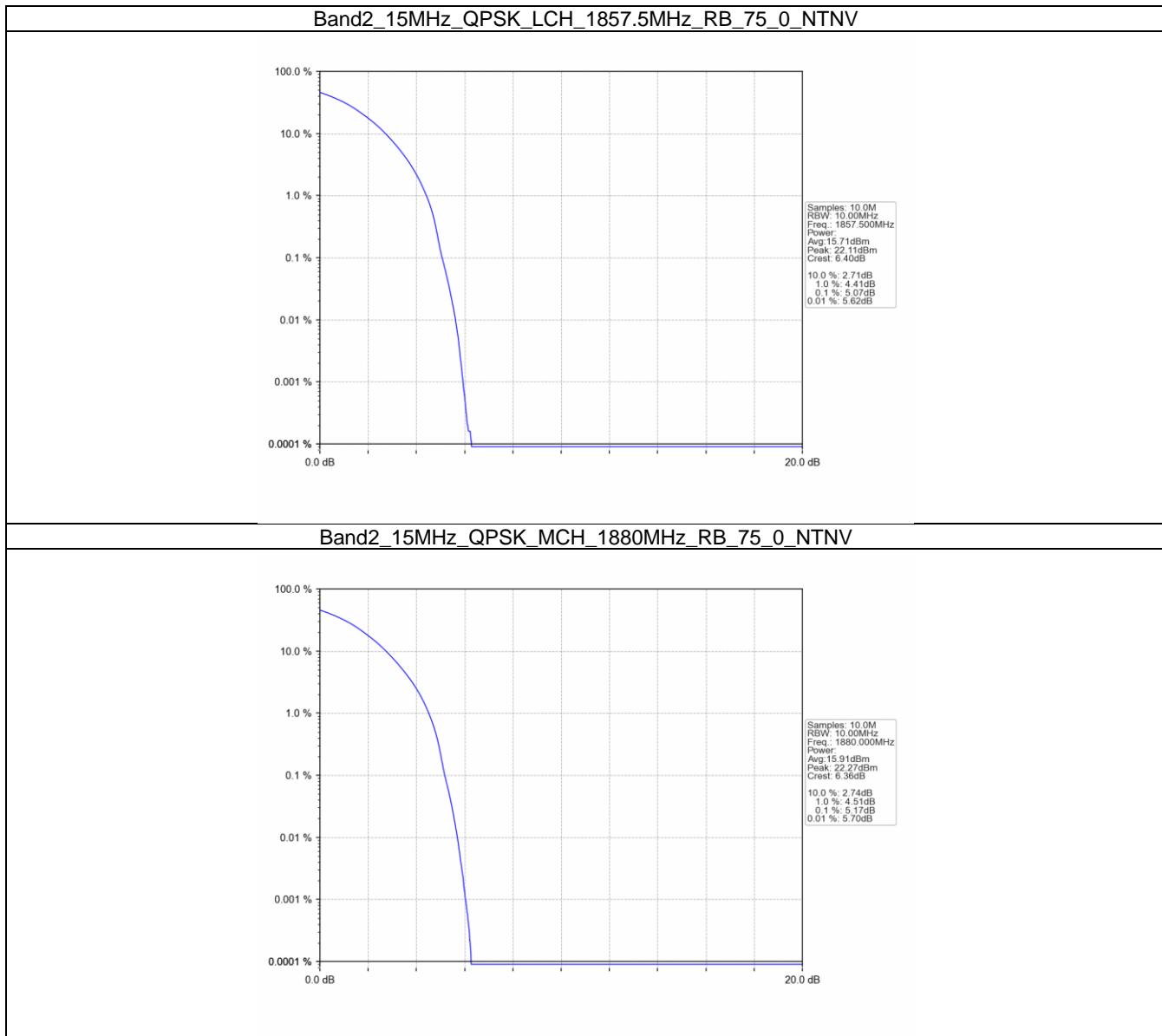
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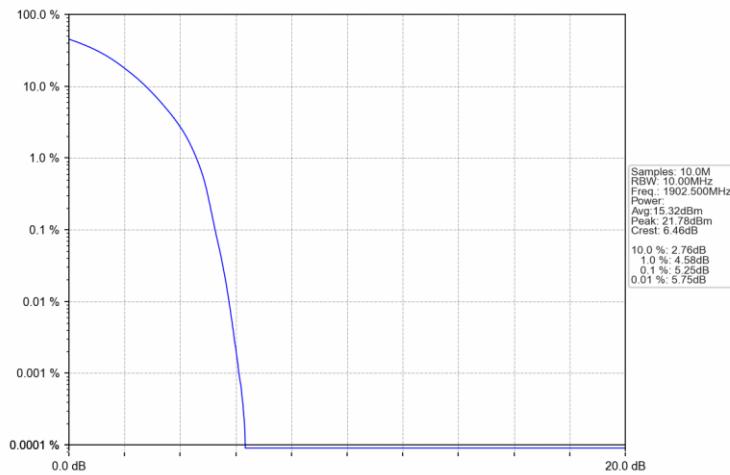
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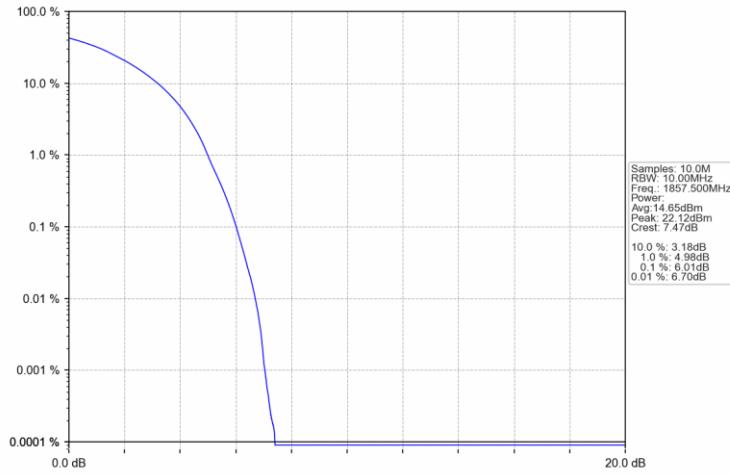
5.2.5 B2_15MHz



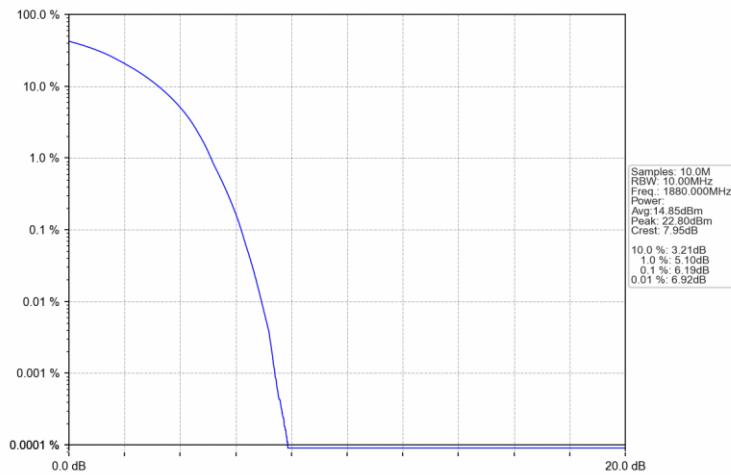
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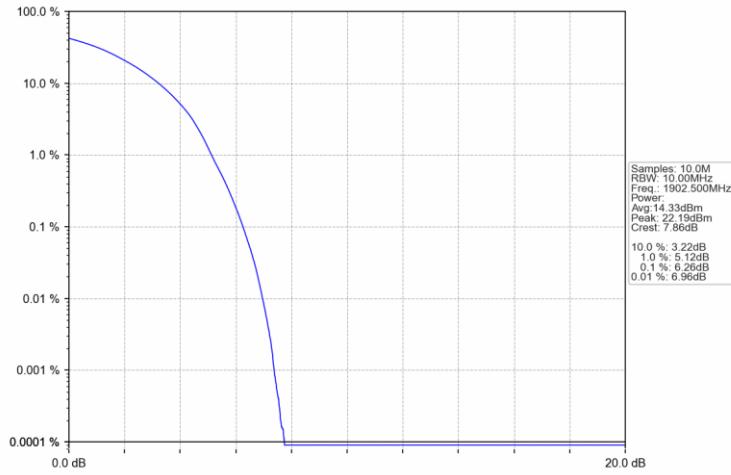
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



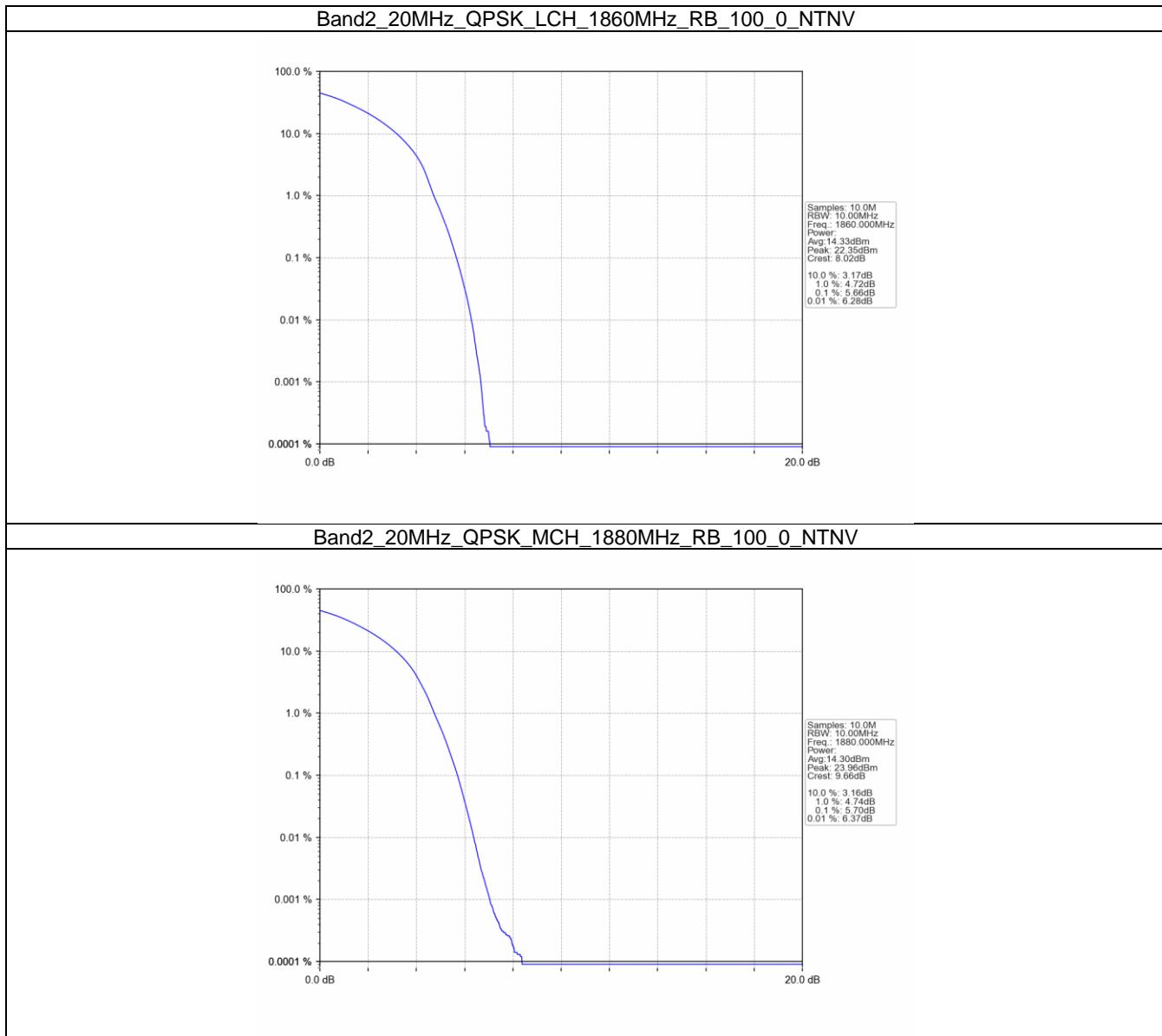
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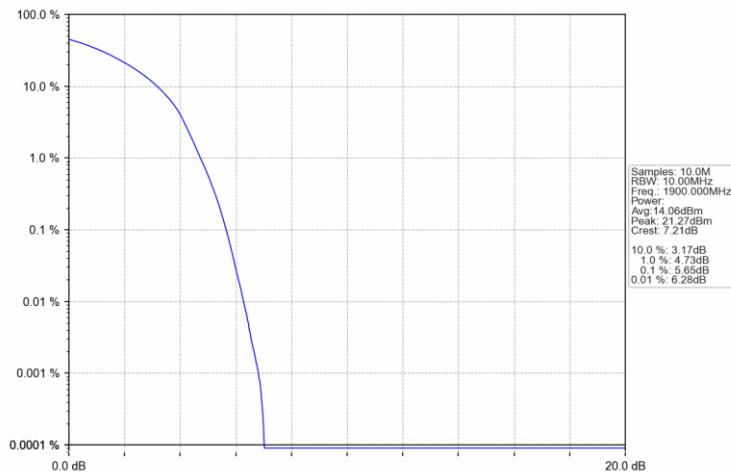
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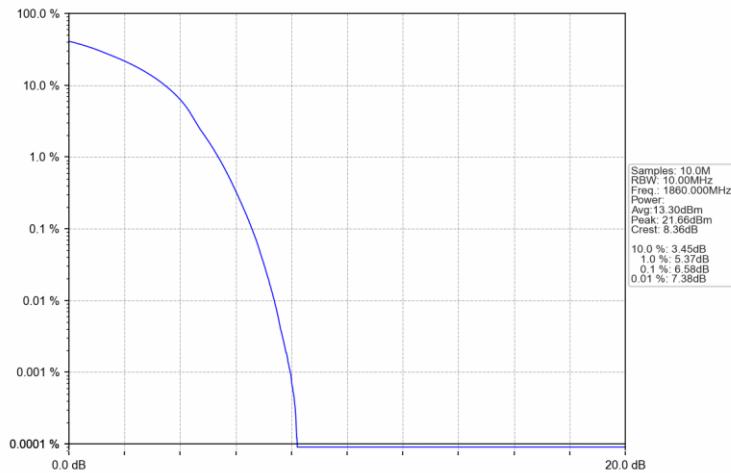
5.2.6 B2_20MHz



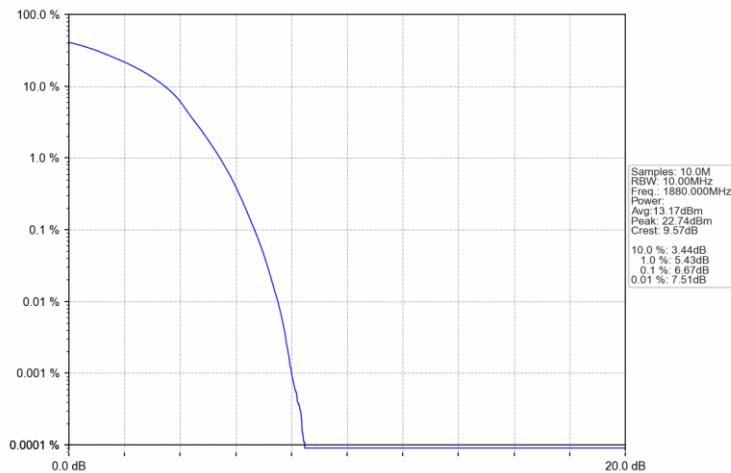
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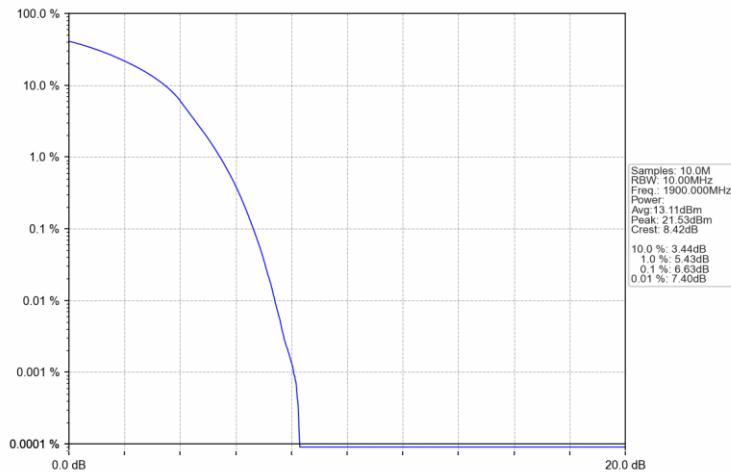
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B2_1.4MHz

Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B2_3MHz

Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B2_5MHz

Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

	1880	1	0	Refer To Test Graph	Pass
	1907.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1905	0	Refer To Test Graph	Pass	
	1905	1	49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
16QAM	1855	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1905	0	Refer To Test Graph	Pass	
	1905	1	49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	

6.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1902.5	0	Refer To Test Graph	Pass	
	1902.5	1	74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
16QAM	1857.5	1	0	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1902.5	0	Refer To Test Graph	Pass	
	1902.5	1	74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	

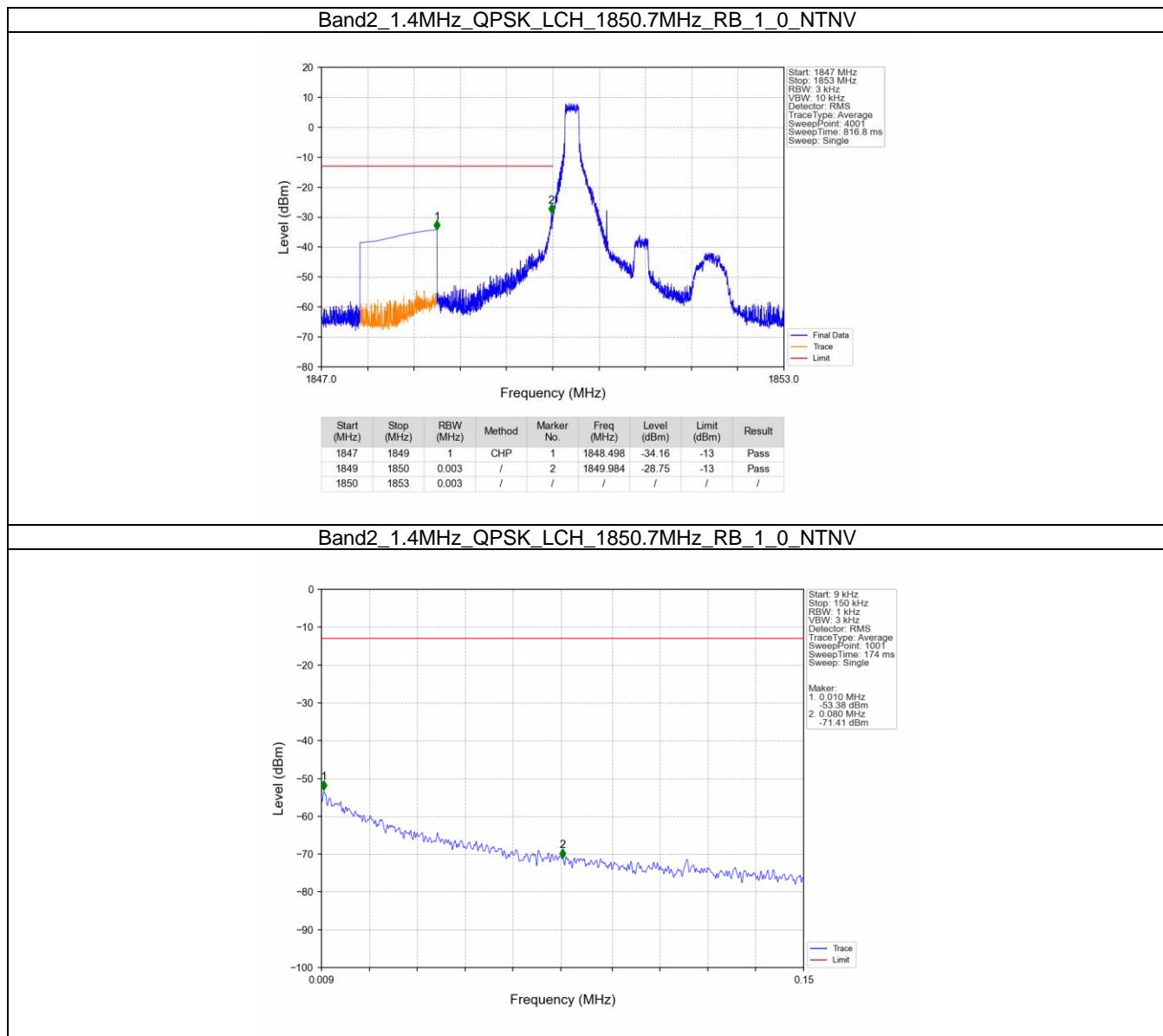
6.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1900	0	Refer To Test Graph	Pass	
	1900	1	99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
16QAM	1860	1	0	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1900	0	Refer To Test Graph	Pass	
	1900	1	99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	

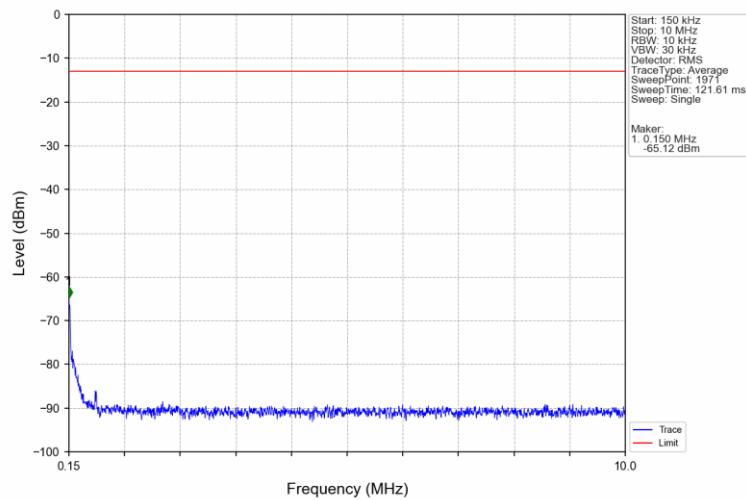
		100	0	Refer To Test Graph	Pass
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6.2 Test Graph

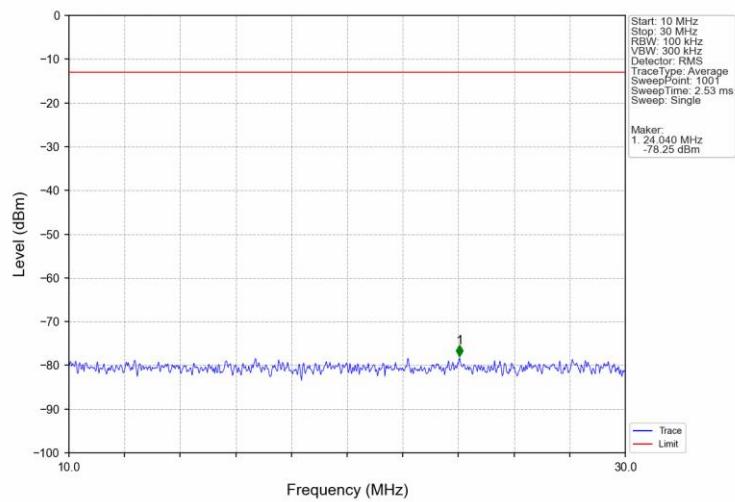
6.2.1 B2_1.4MHz



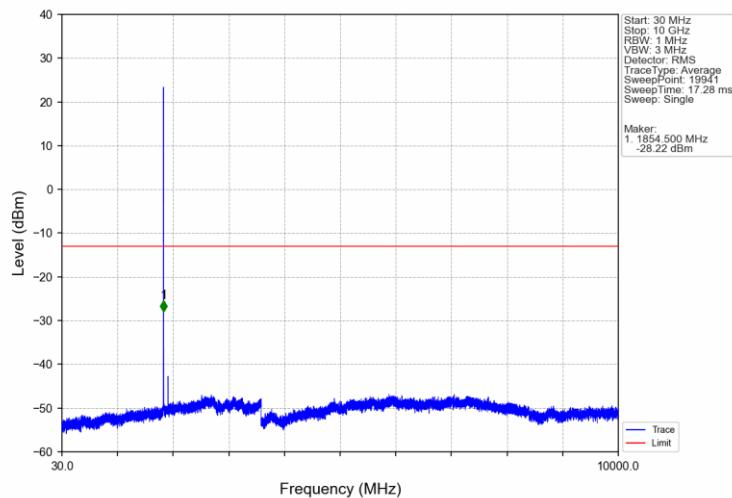
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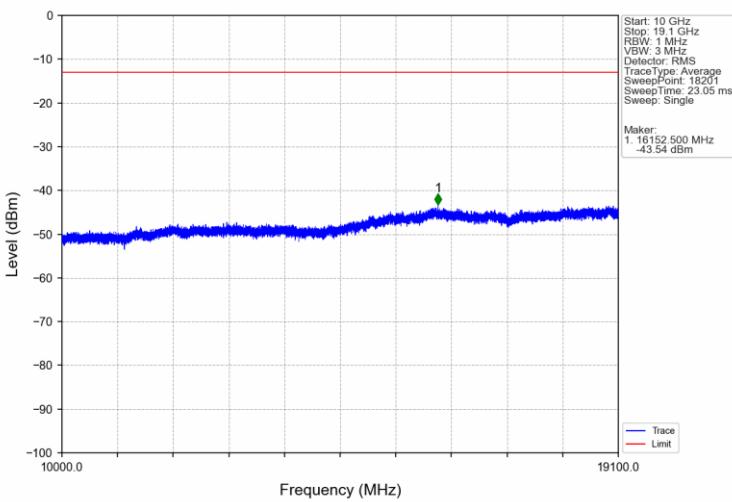
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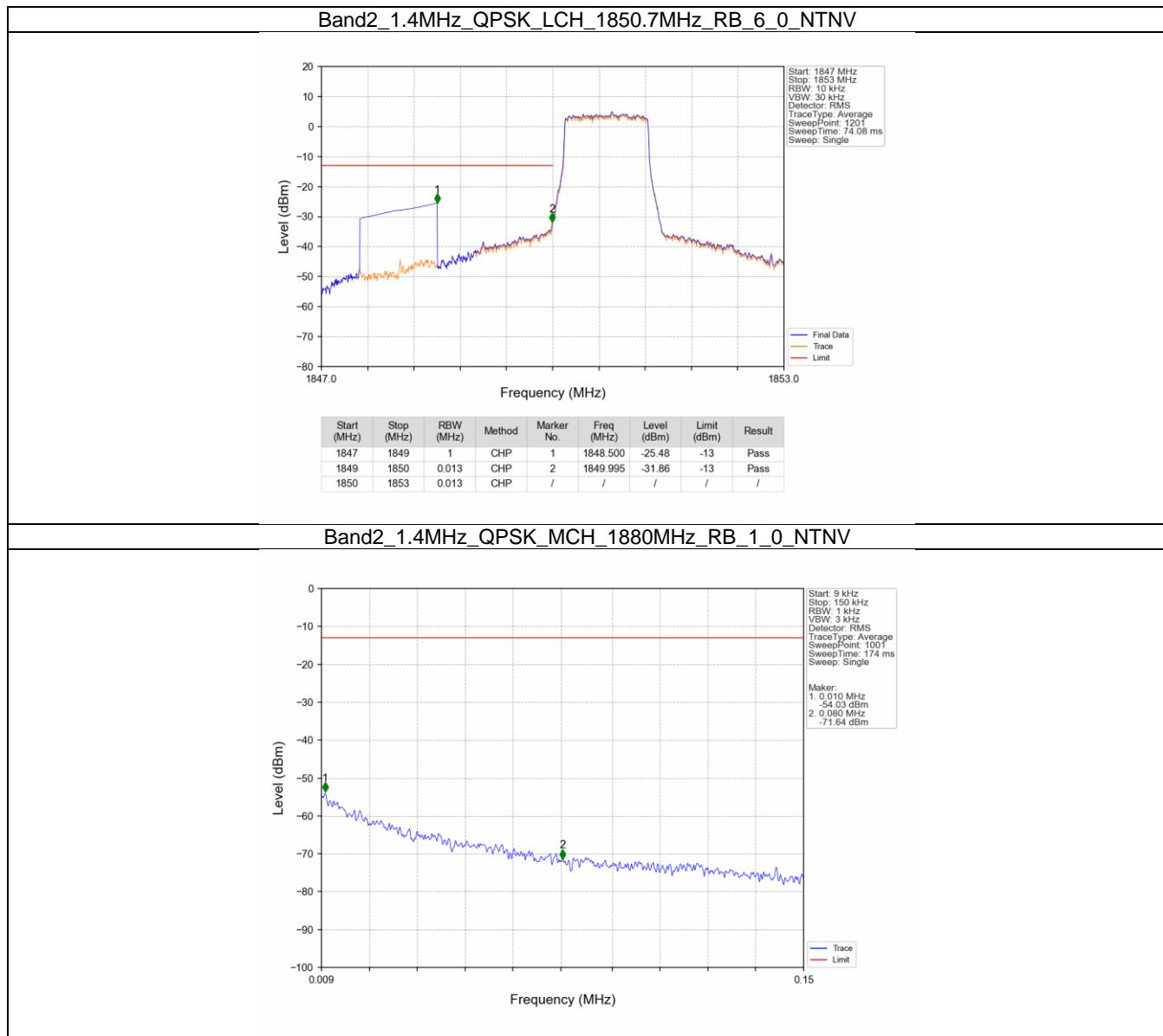


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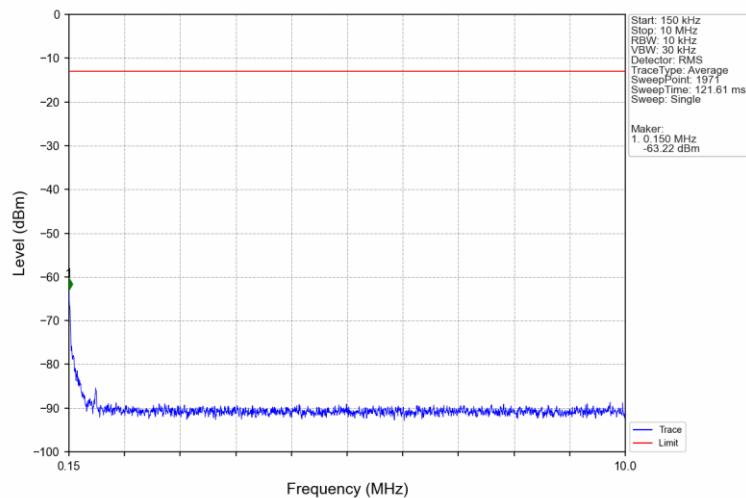


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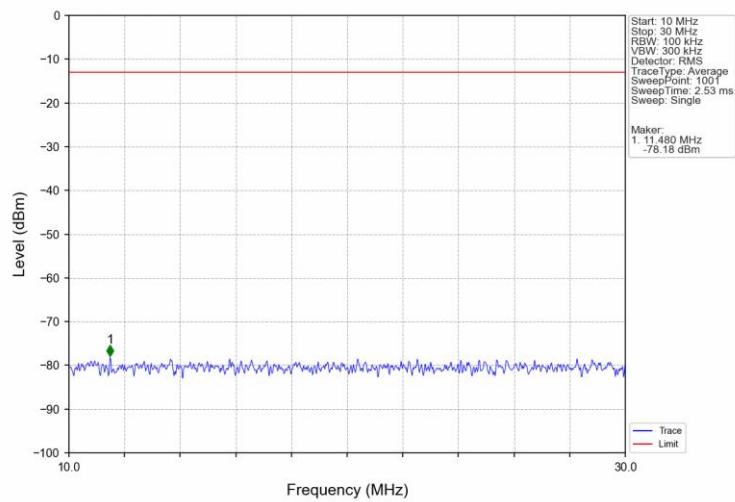




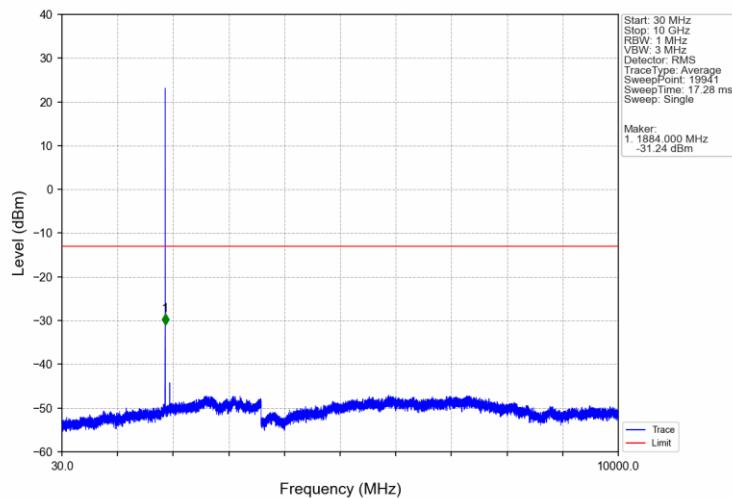
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

