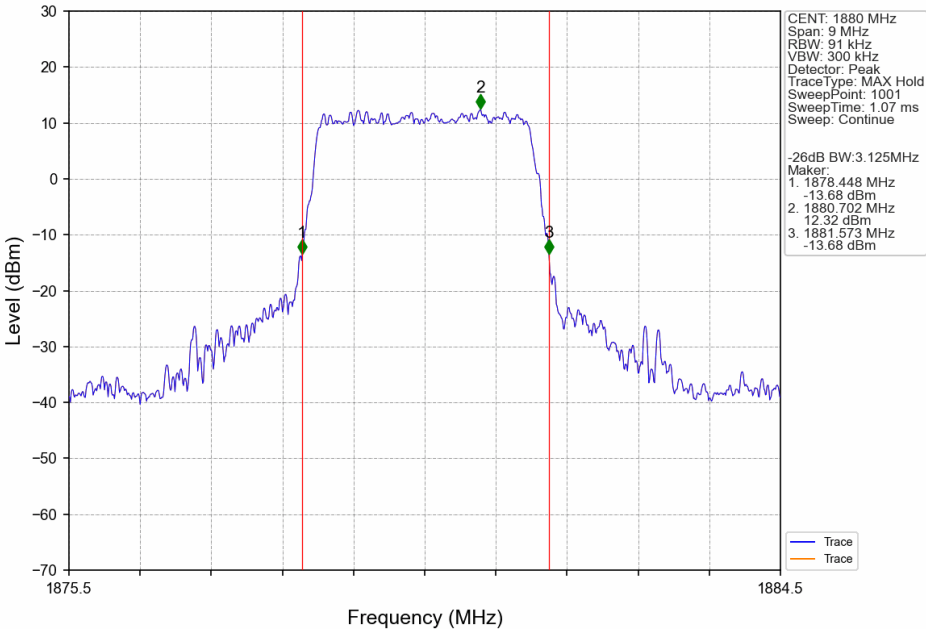
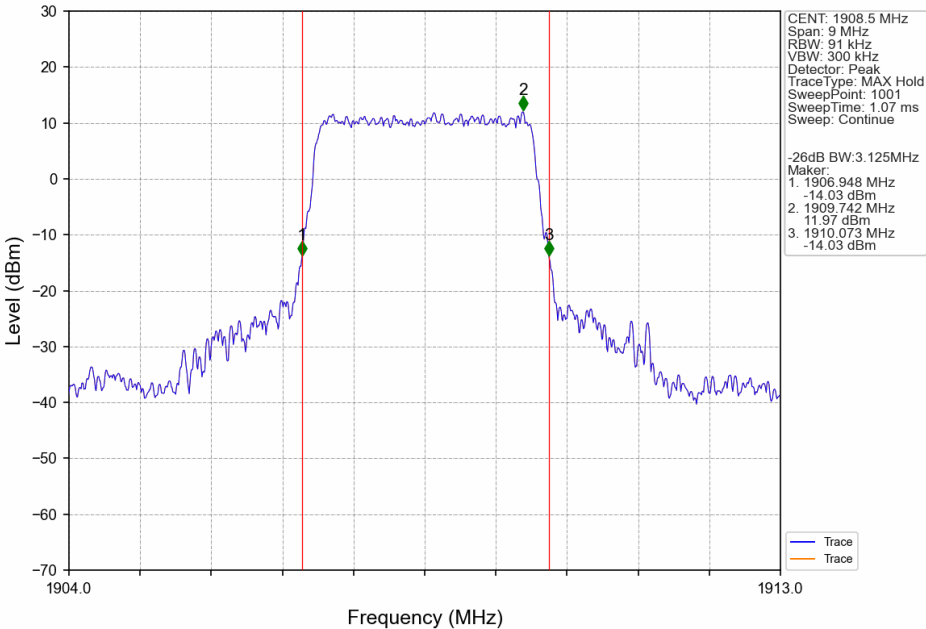


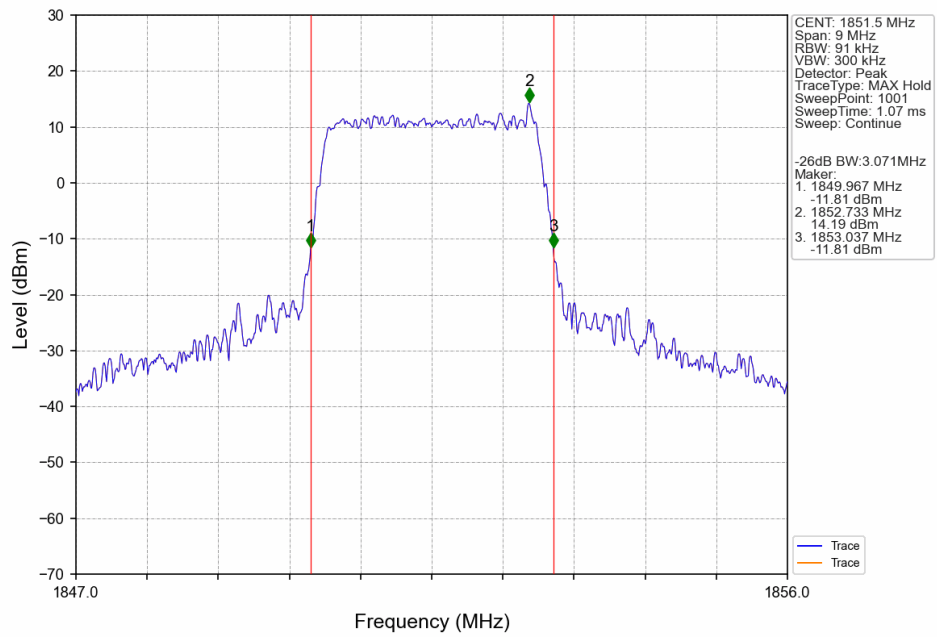
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



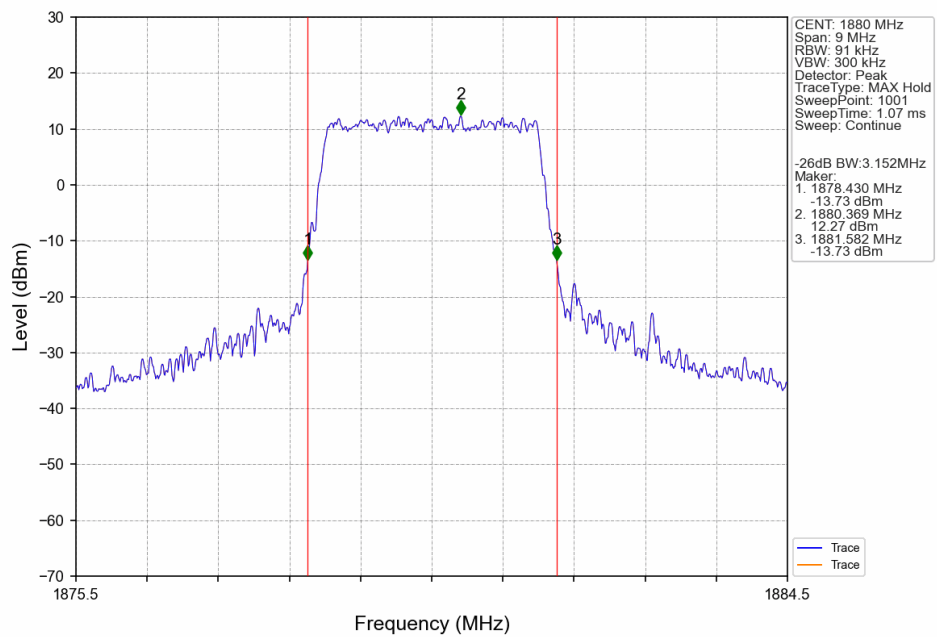
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTN



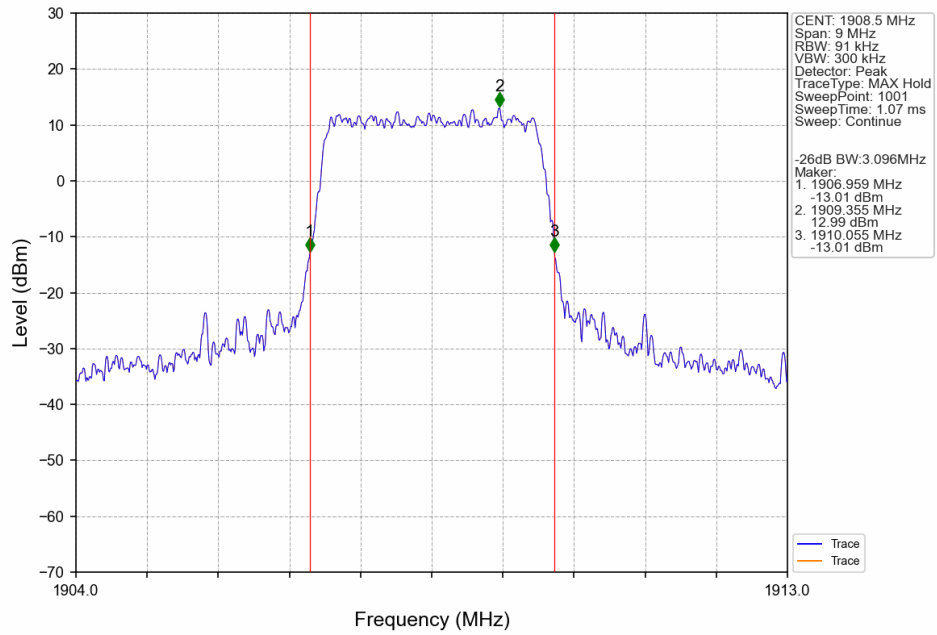
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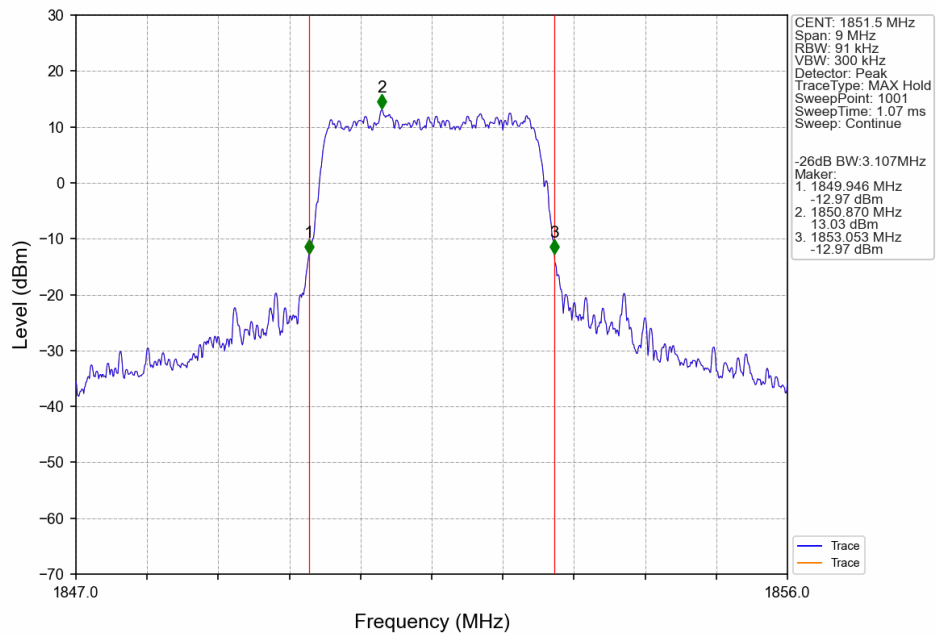
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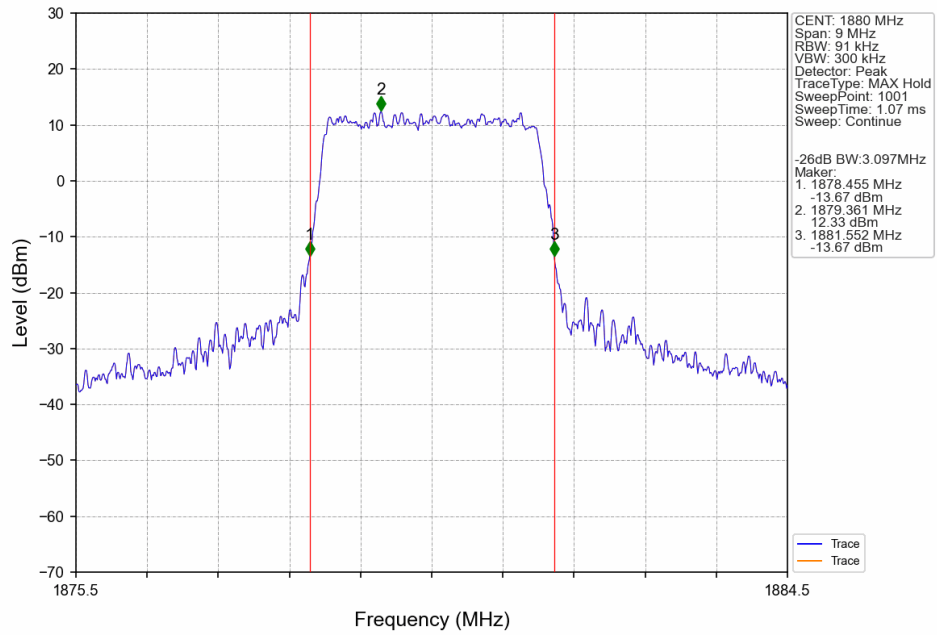
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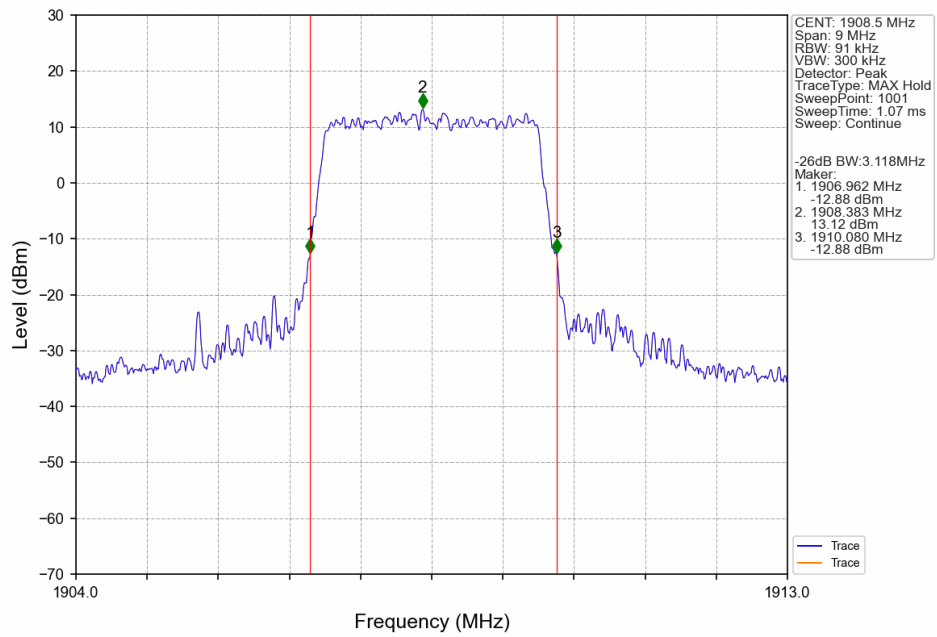
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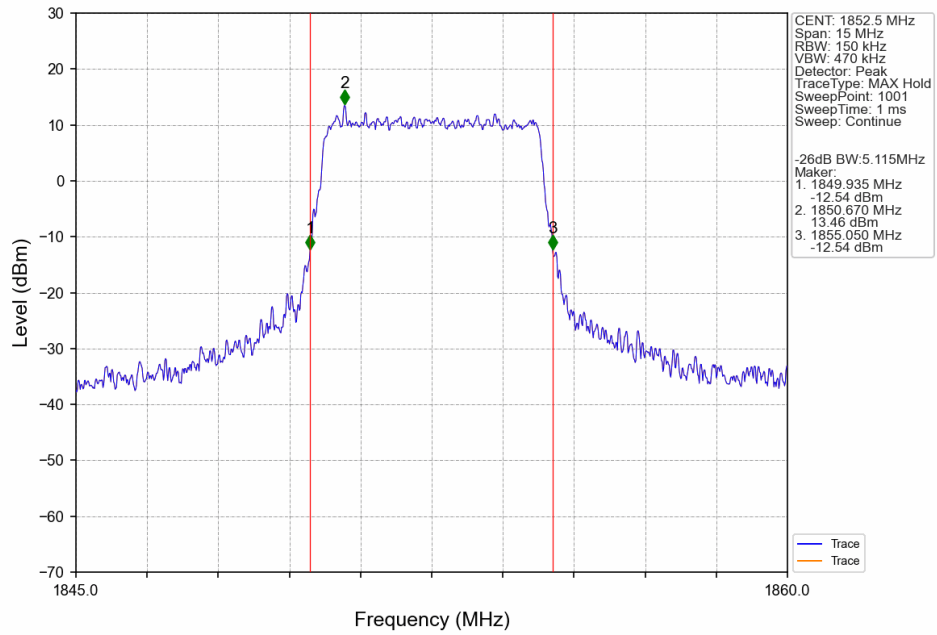
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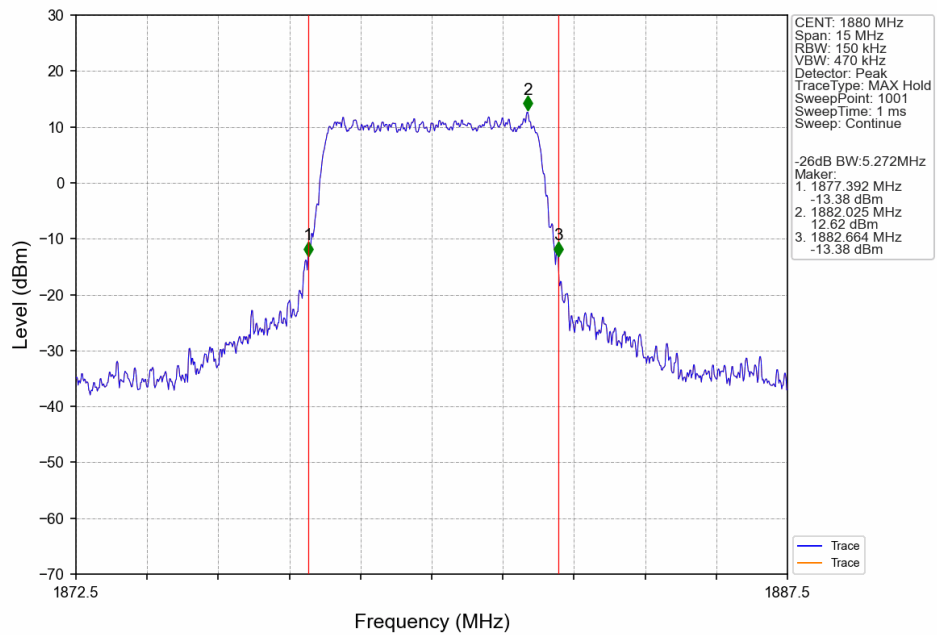
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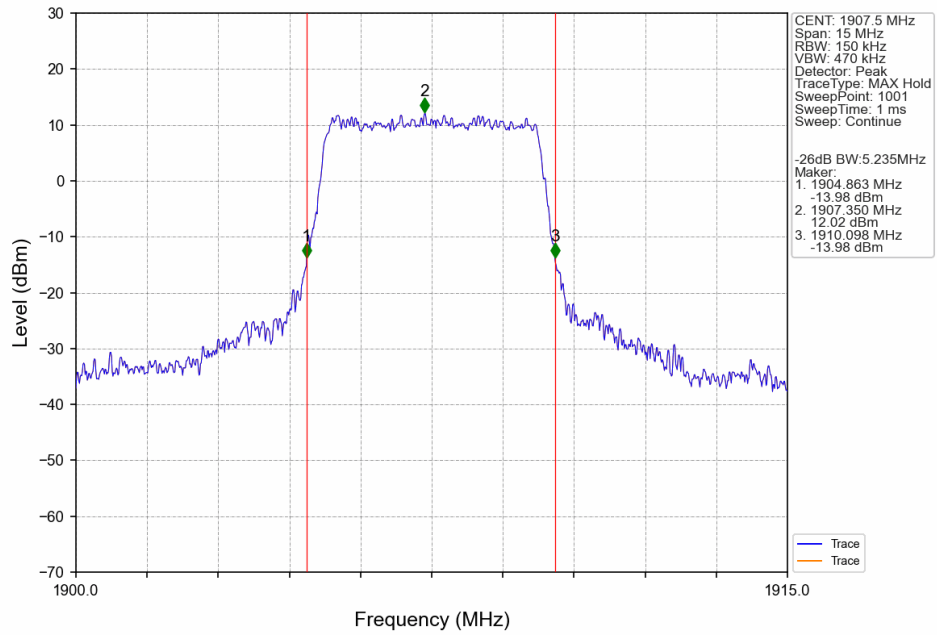
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



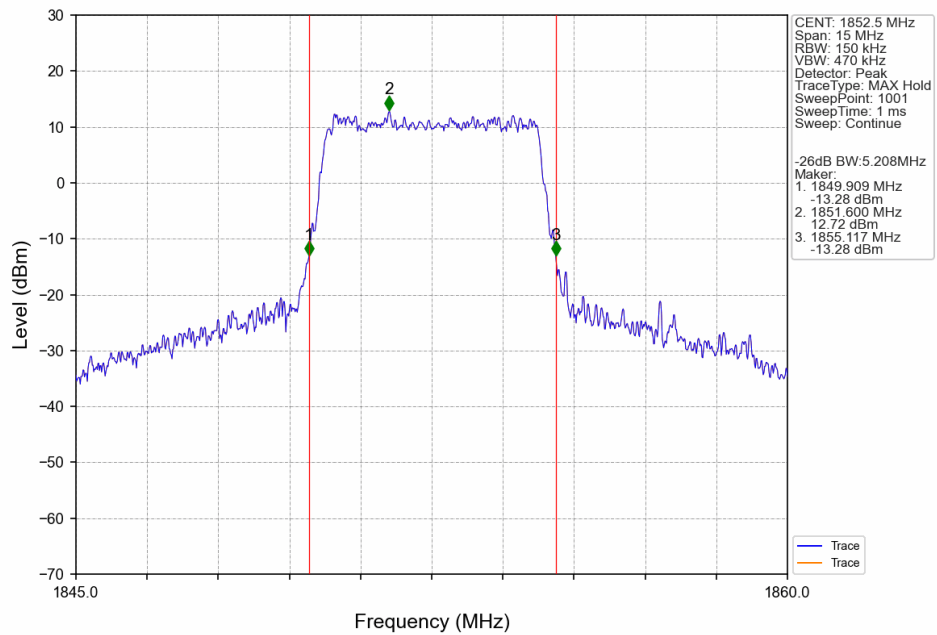
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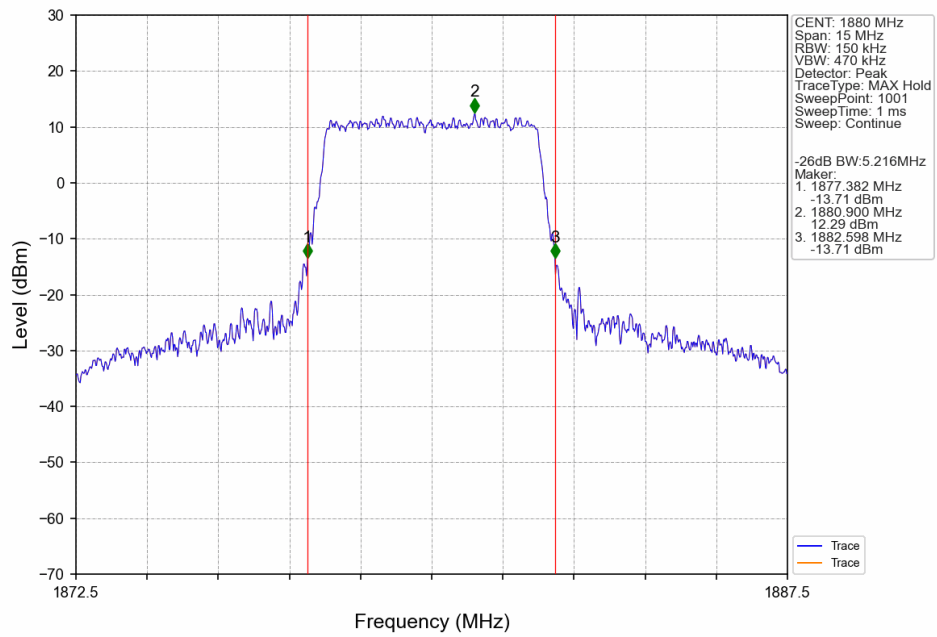
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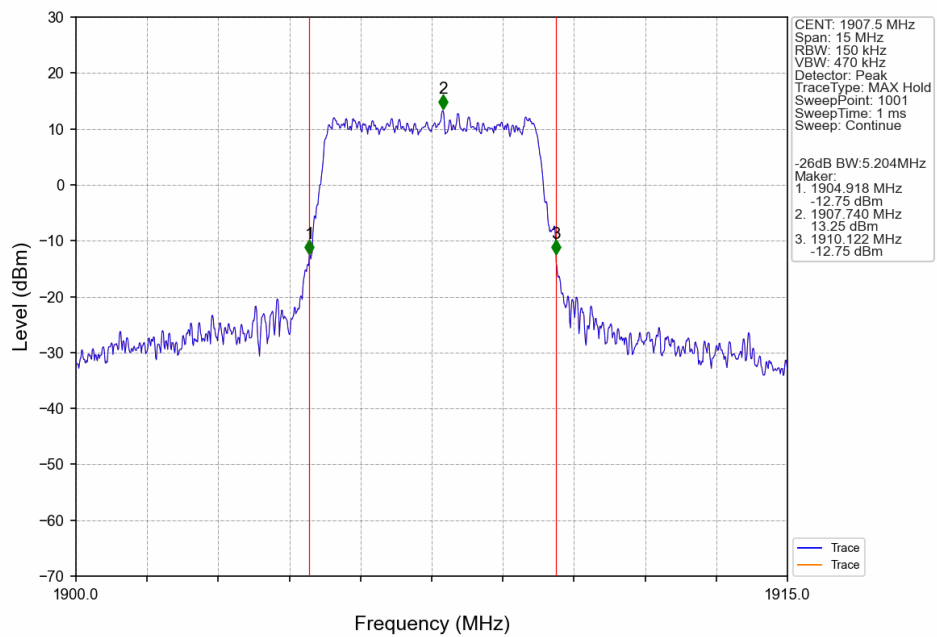
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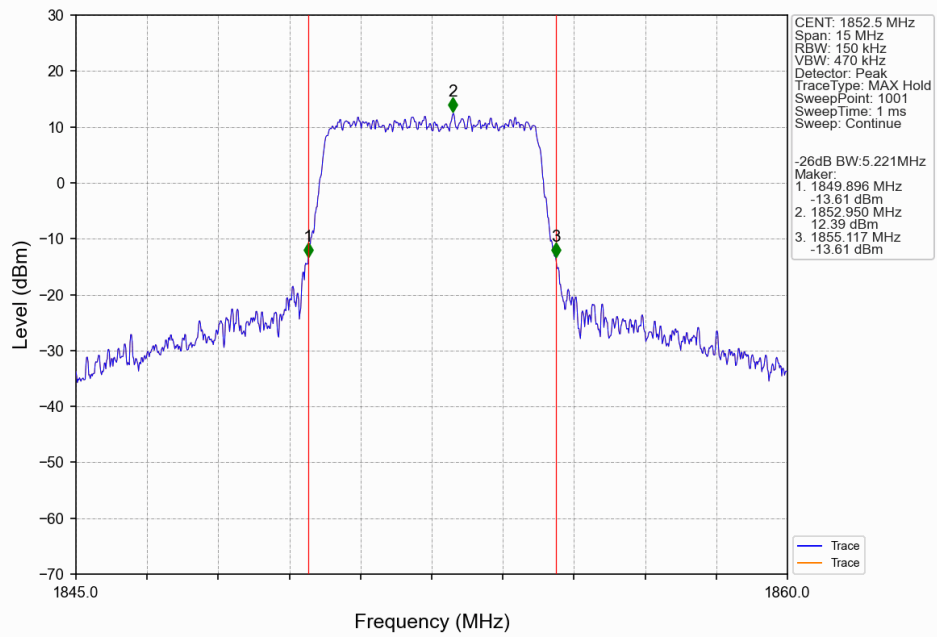
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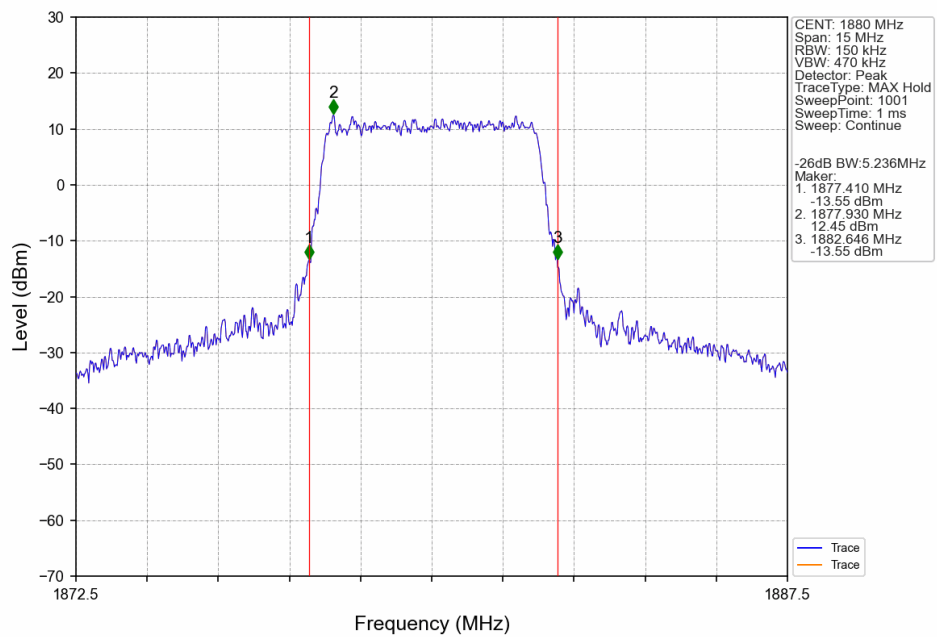
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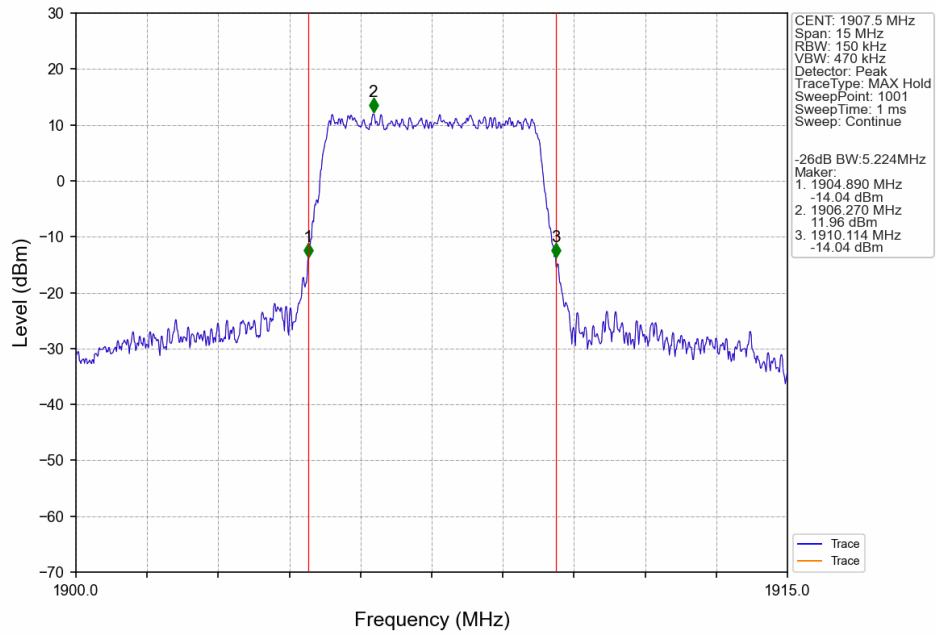
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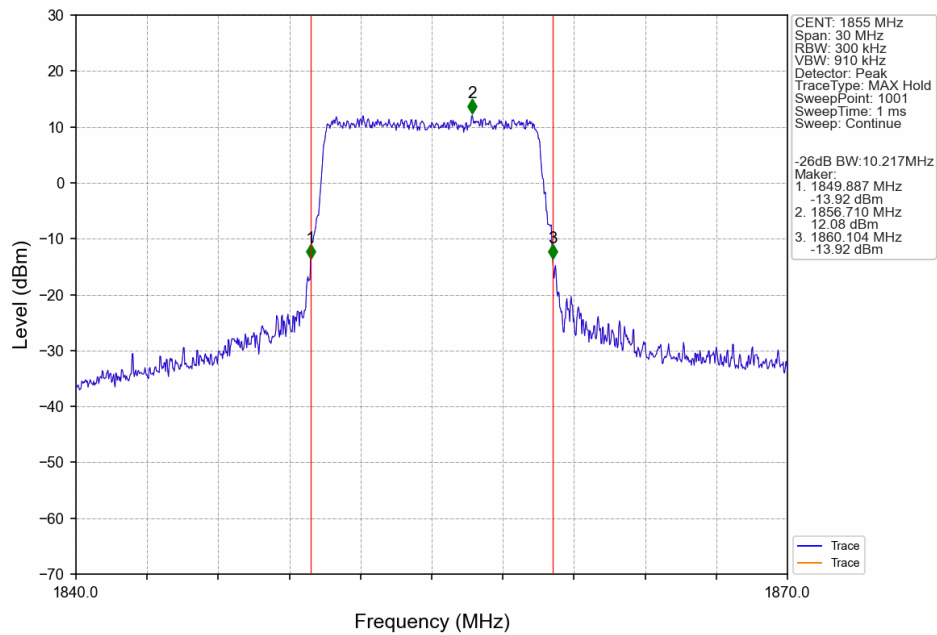
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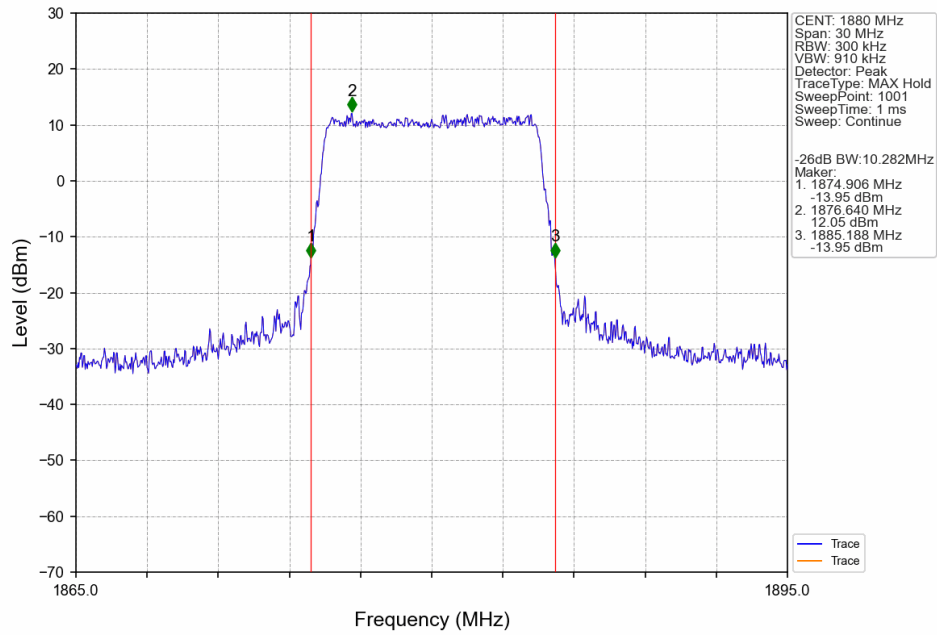
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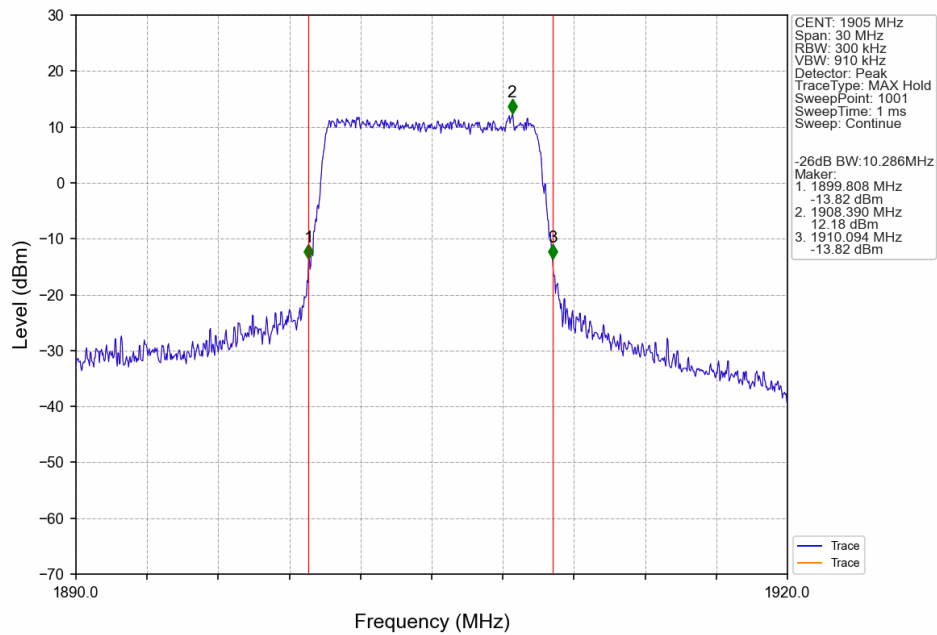
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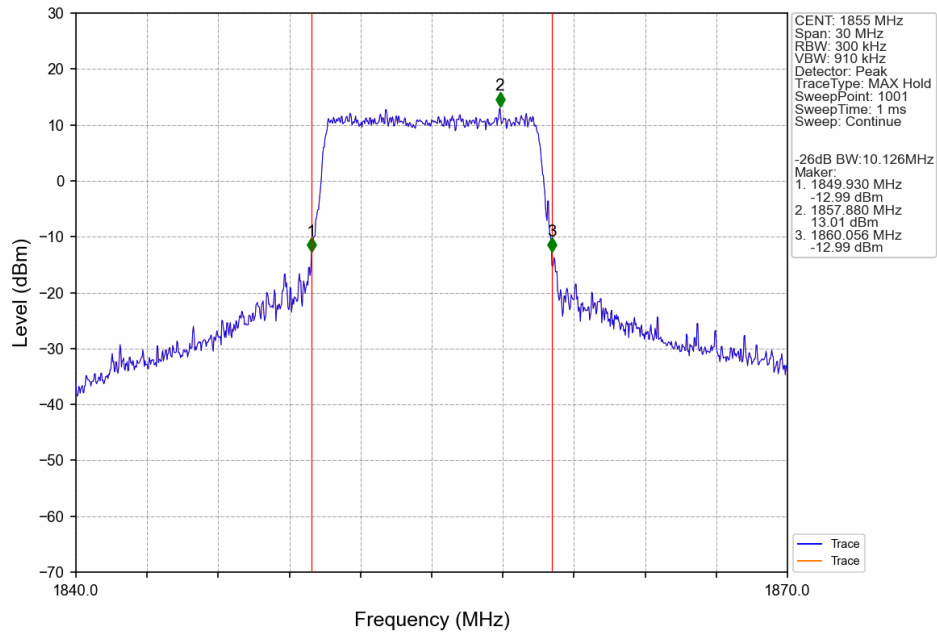
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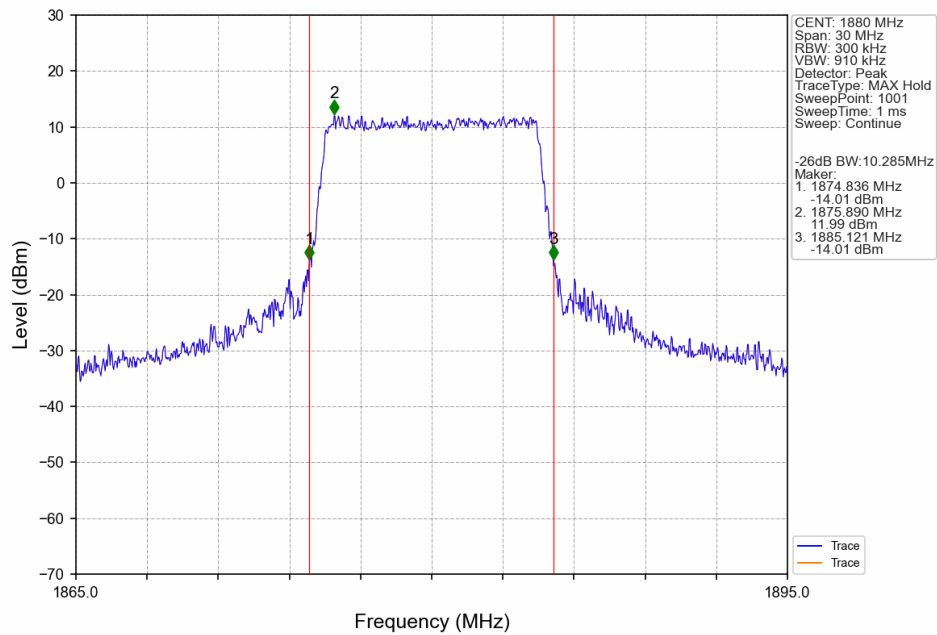
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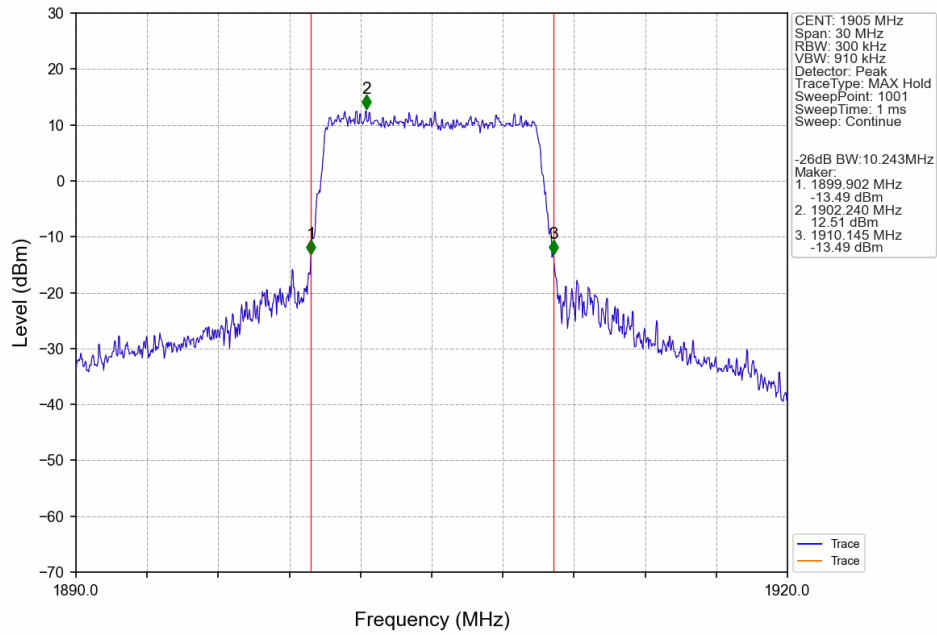
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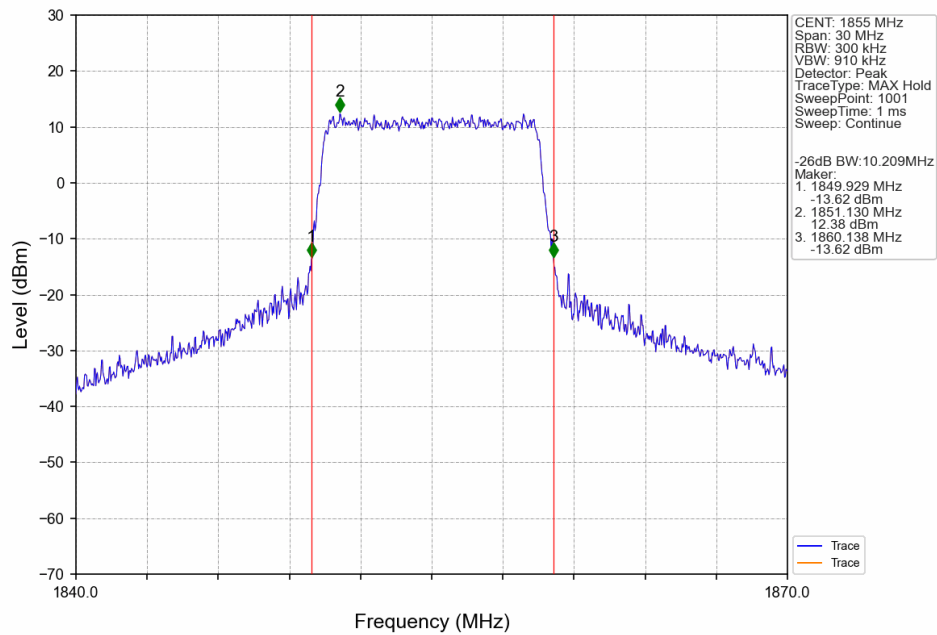
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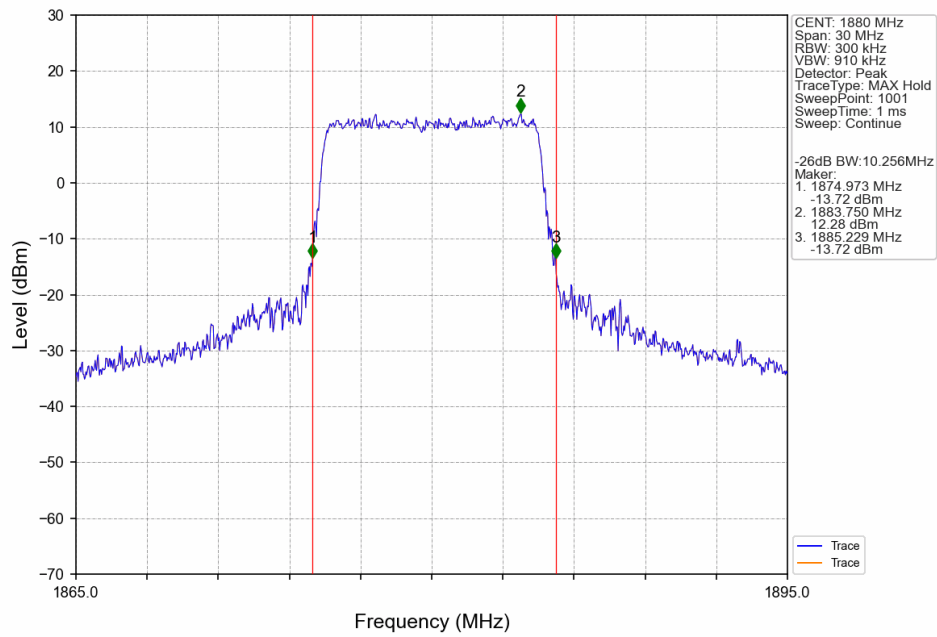
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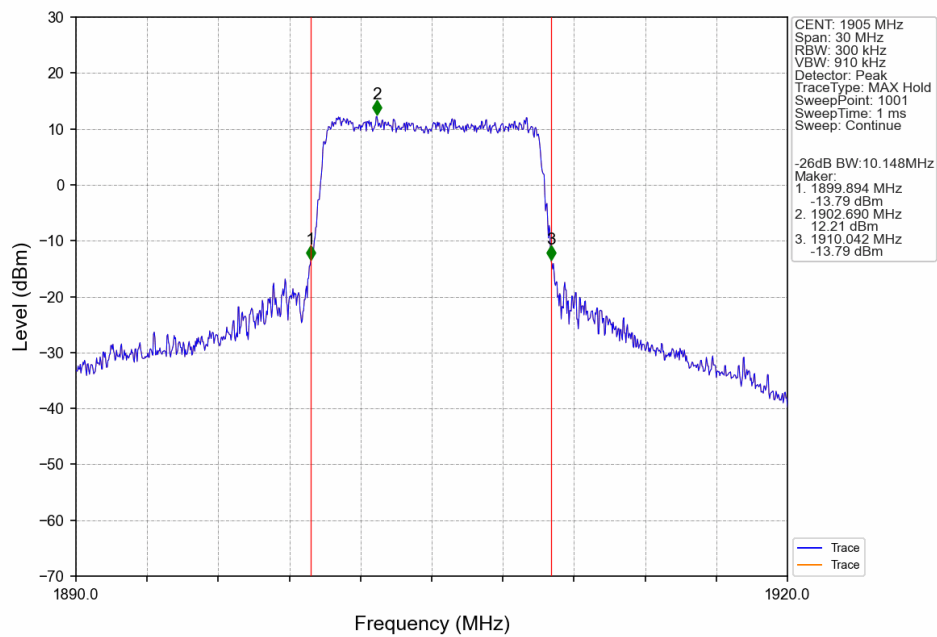
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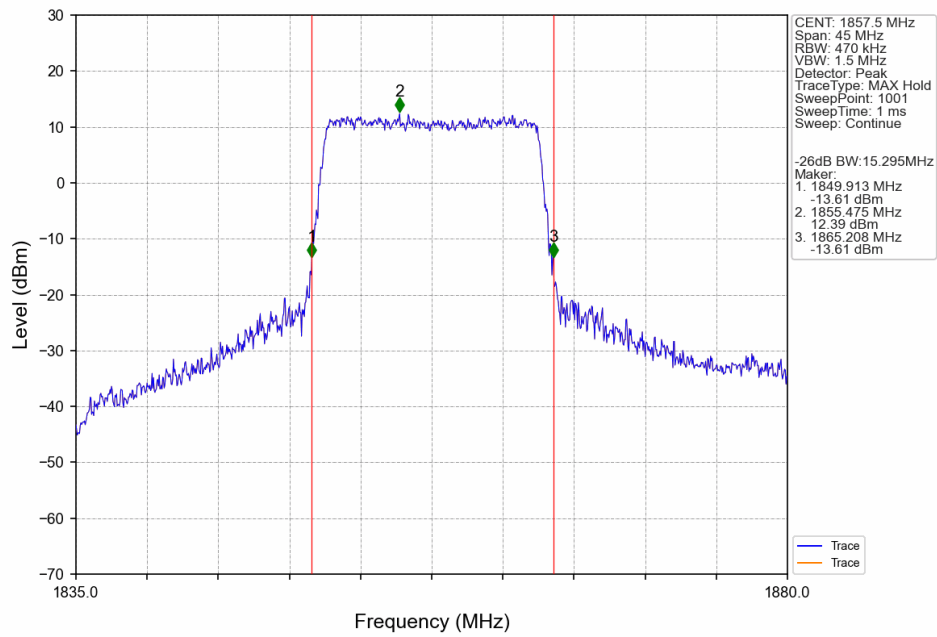
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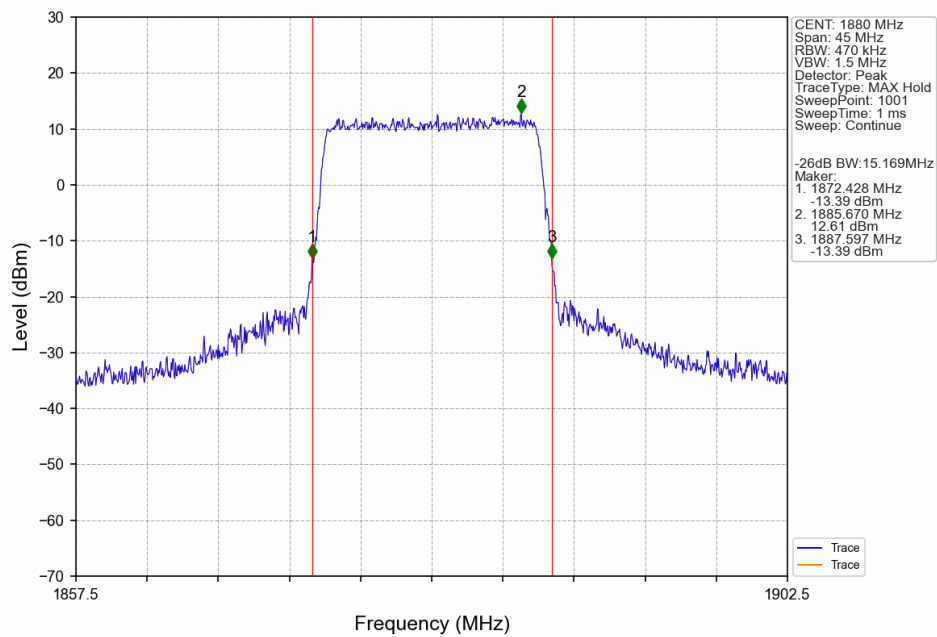
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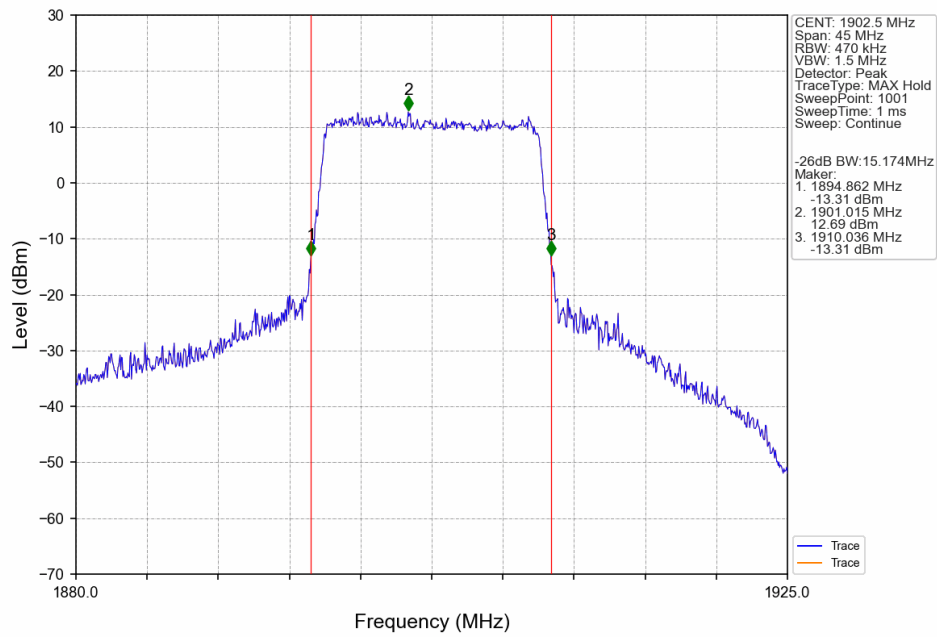
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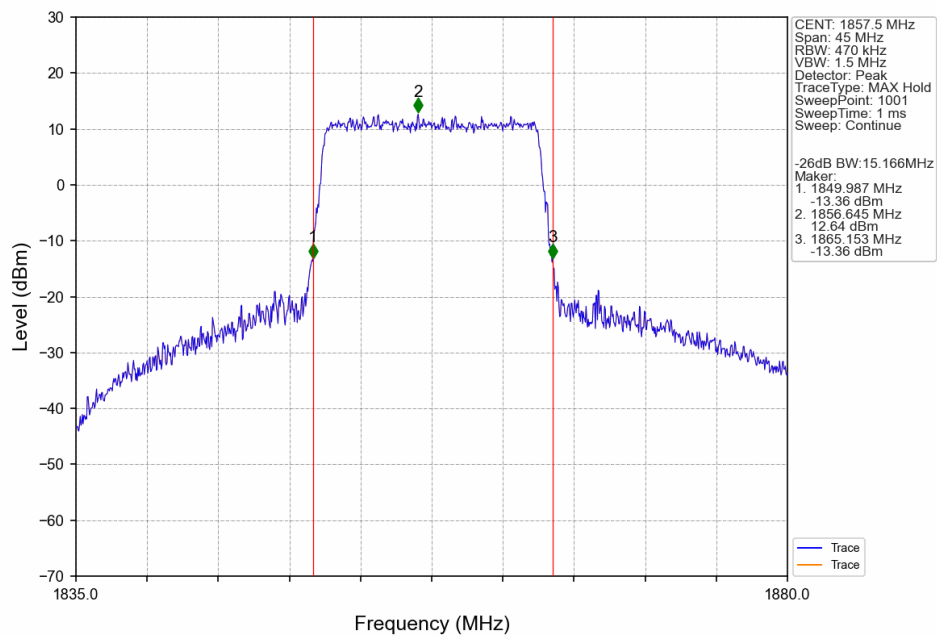
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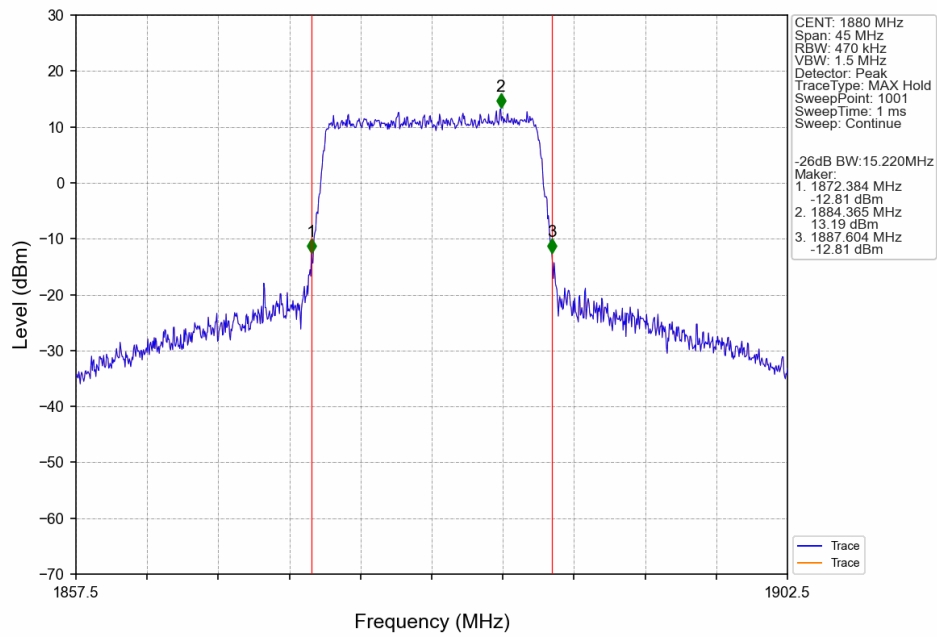
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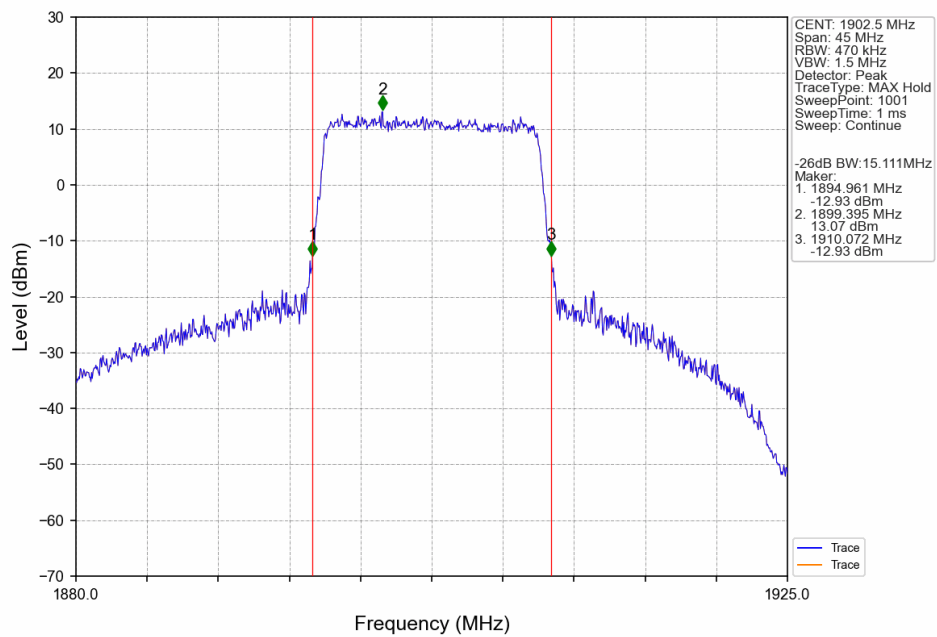
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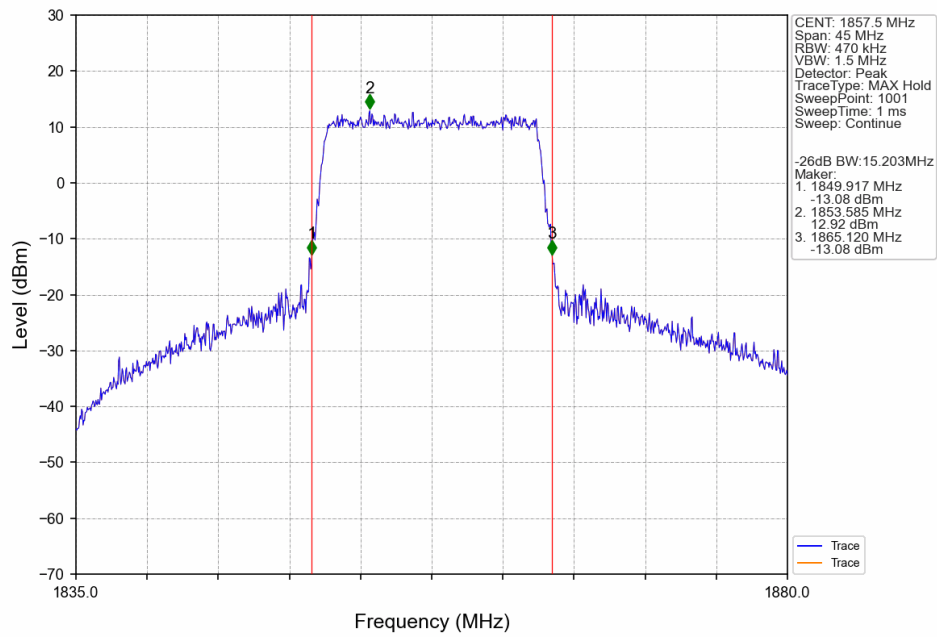
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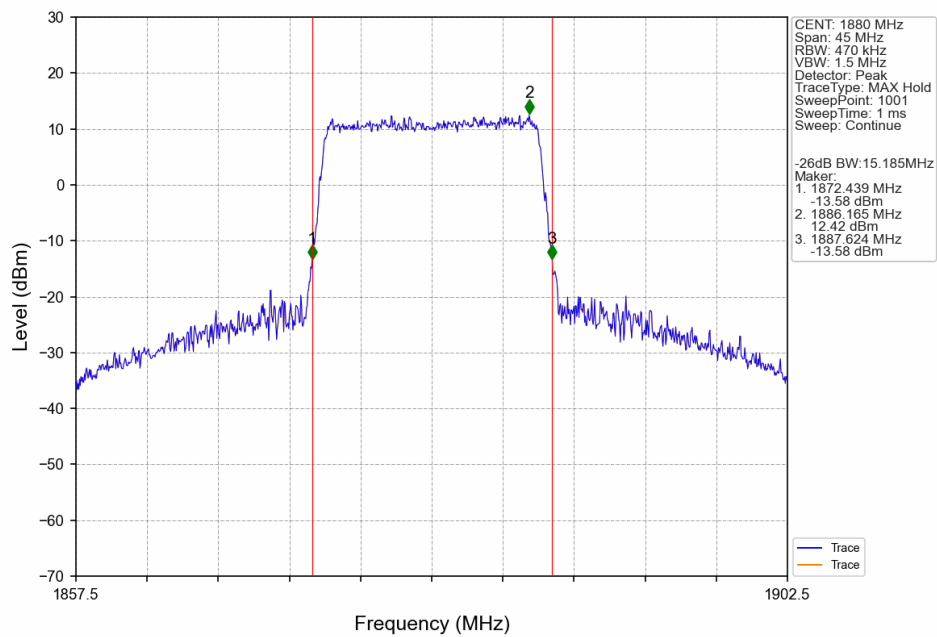
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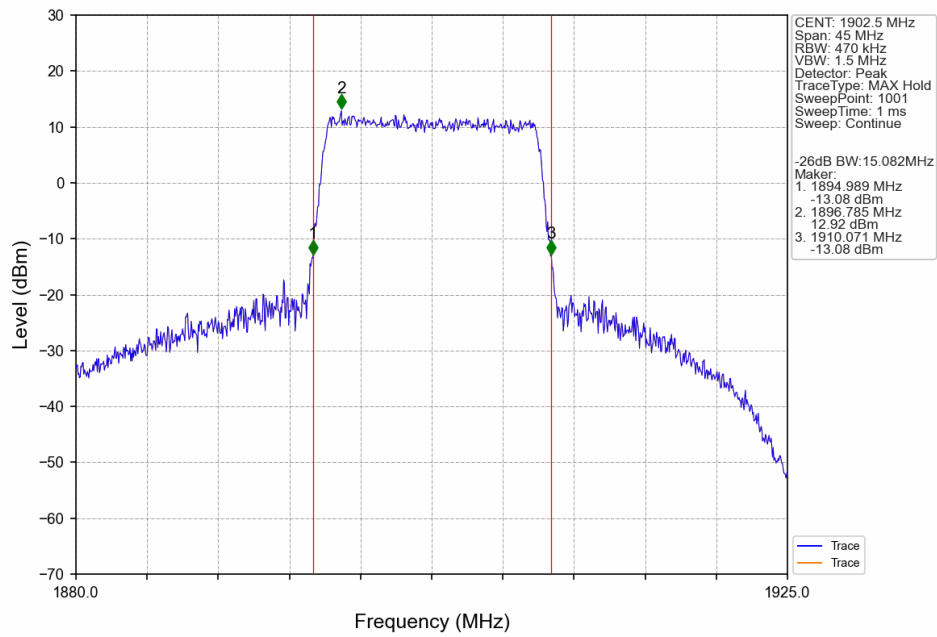
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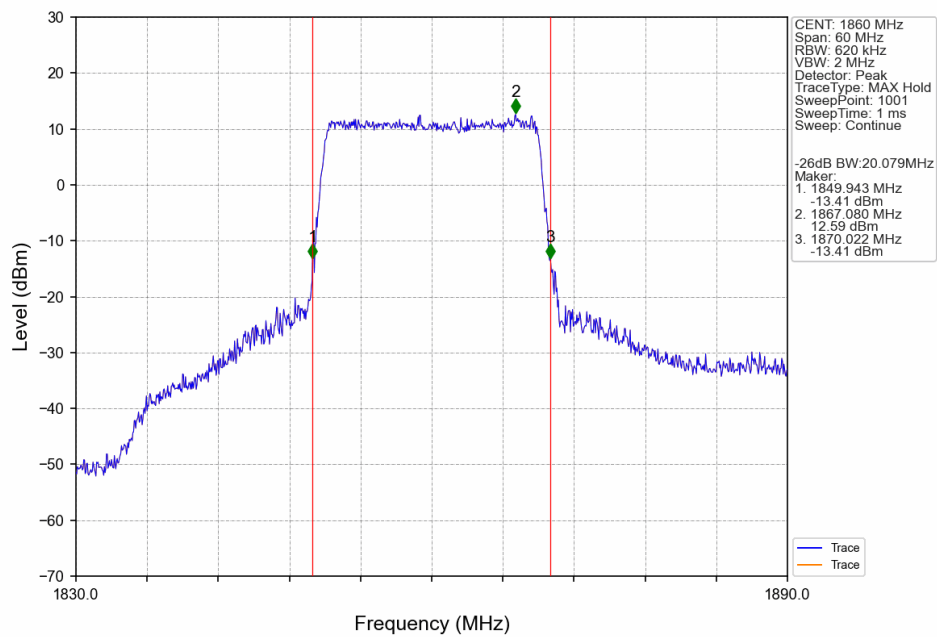
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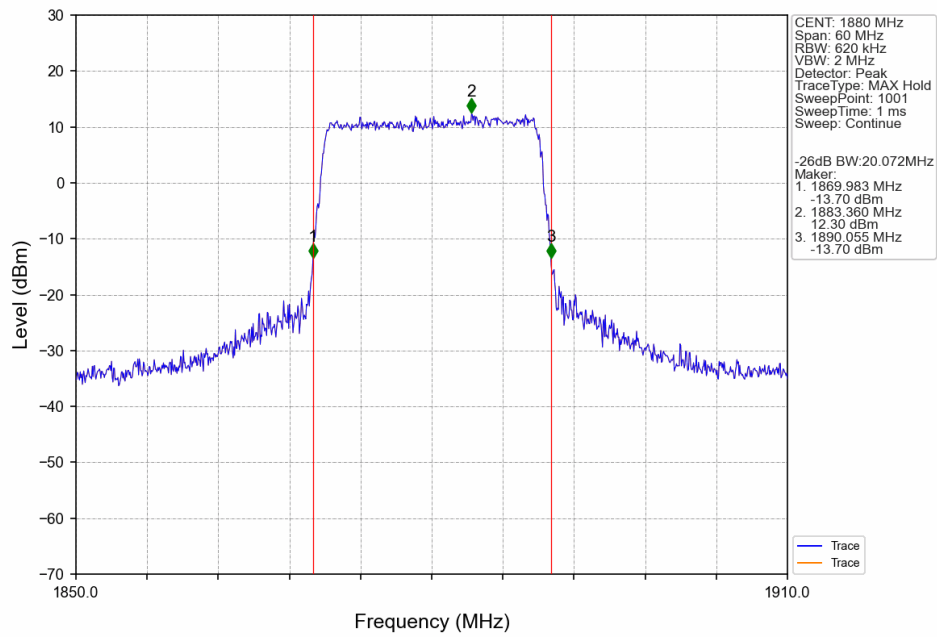
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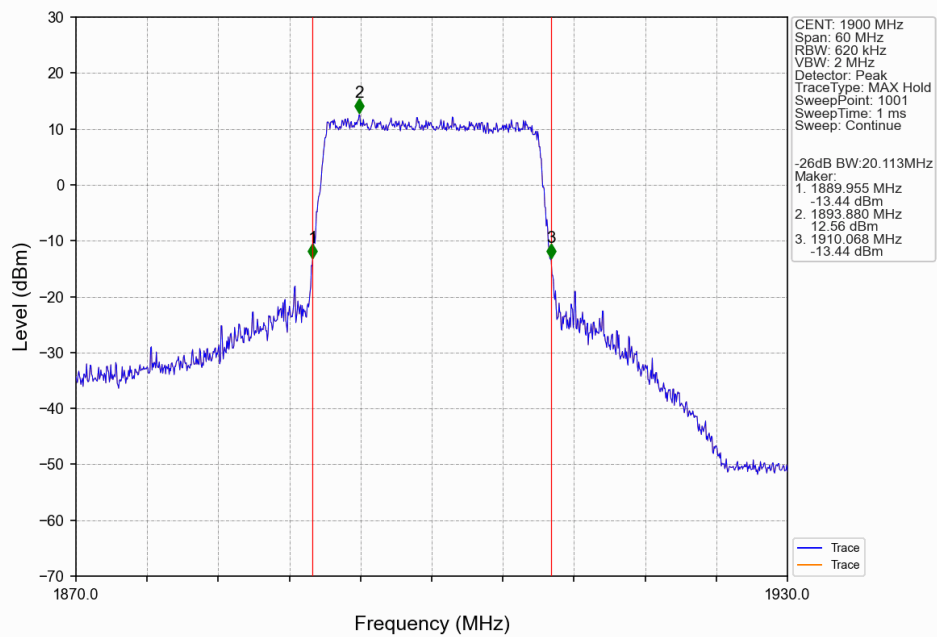
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



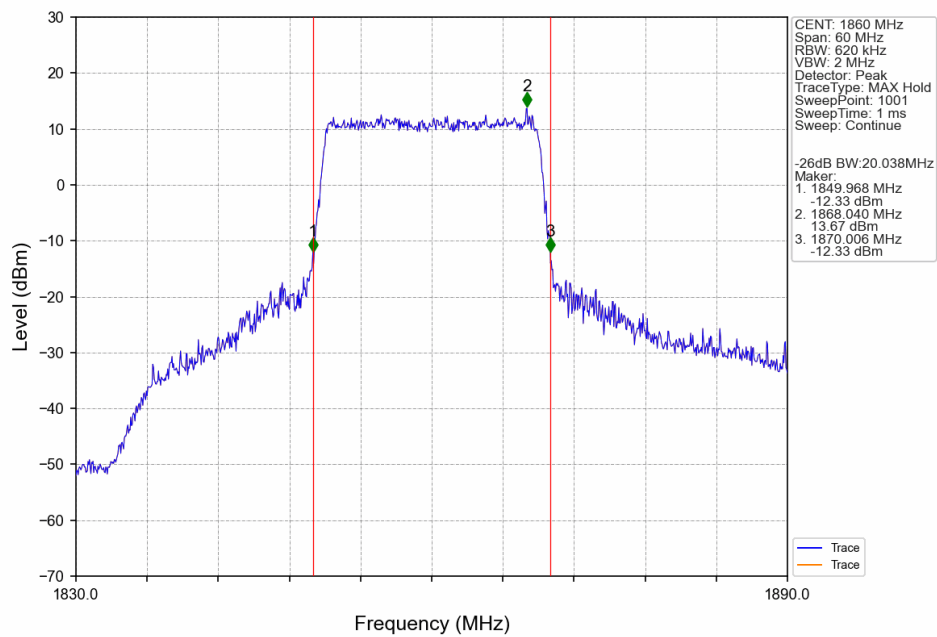
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



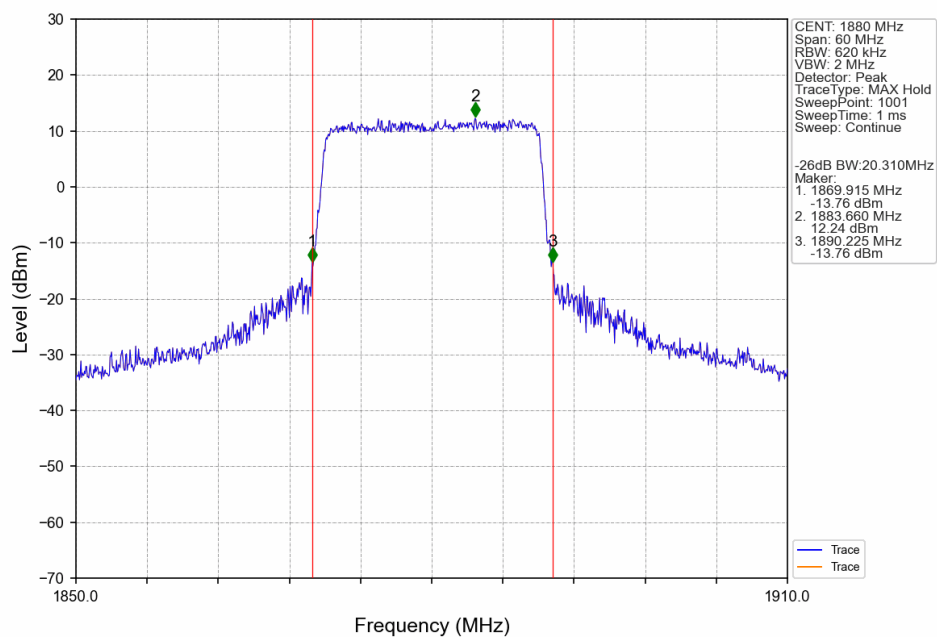
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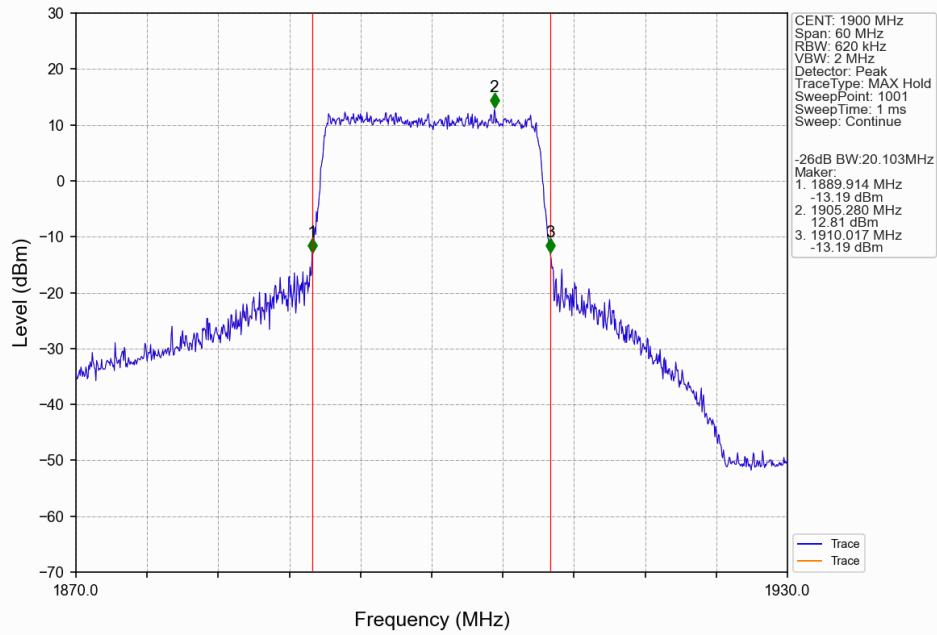
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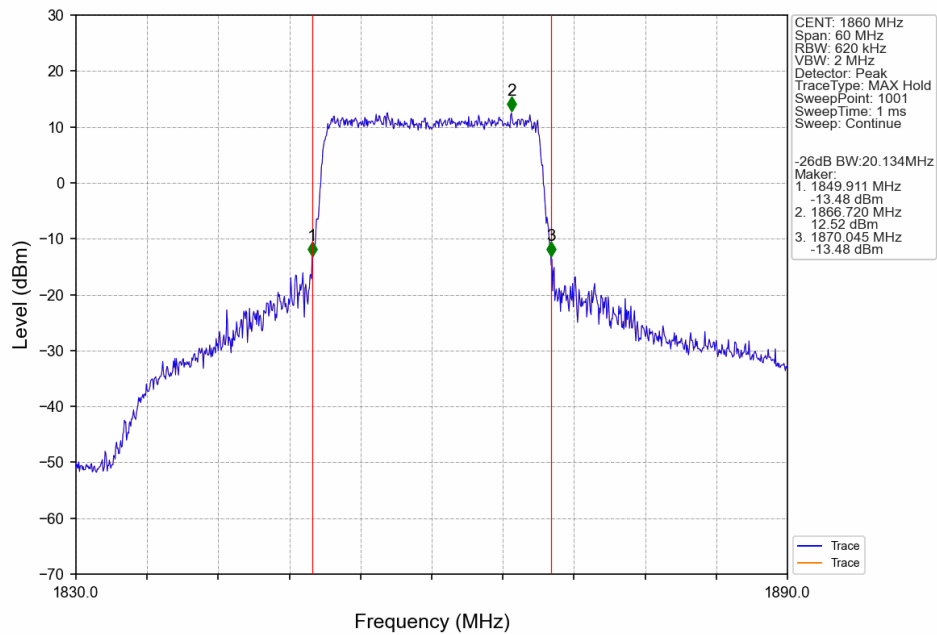
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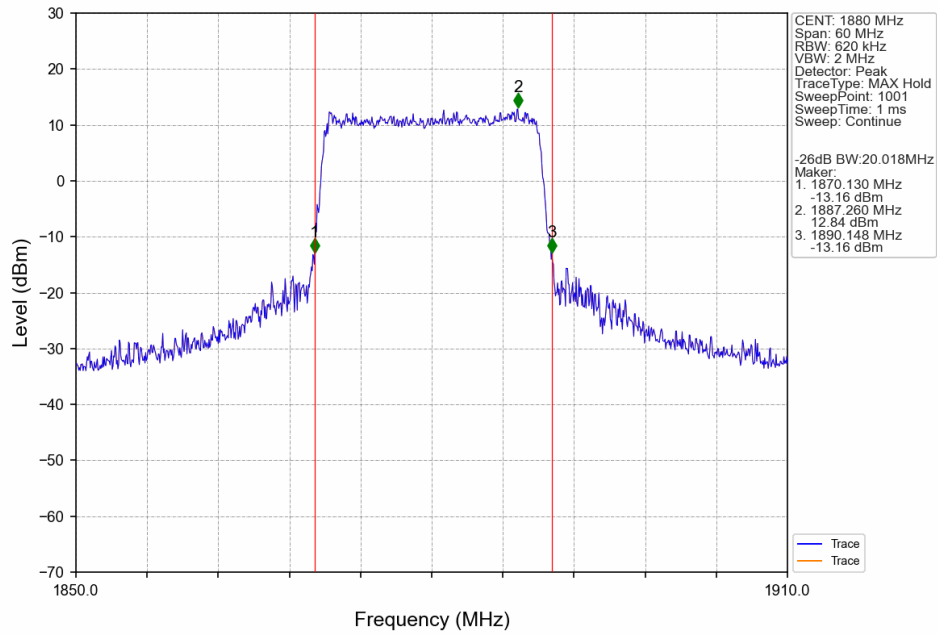
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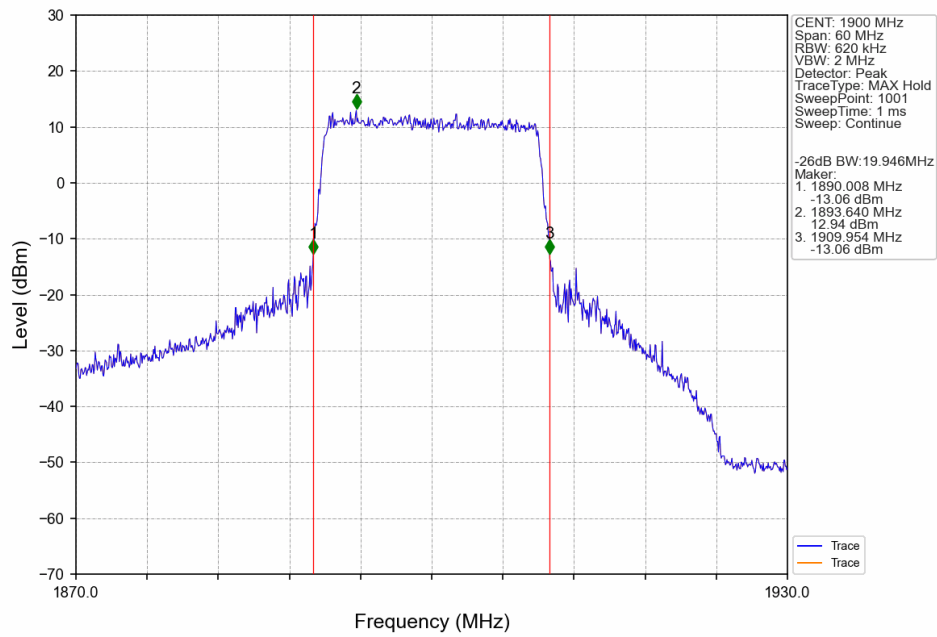
Band2 20MHz 64QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 64QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 64QAM HCH 1900MHz RB 100 0 NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B2_1.4MHz

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	5.17	<=13	Pass
	1880	6	0	5.27	<=13	Pass
	1909.3	6	0	5.16	<=13	Pass
16QAM	1850.7	6	0	6.16	<=13	Pass
	1880	6	0	6.02	<=13	Pass
	1909.3	6	0	6.20	<=13	Pass
64QAM	1850.7	6	0	6.18	<=13	Pass
	1880	6	0	6.05	<=13	Pass
	1909.3	6	0	6.22	<=13	Pass

4.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.28	<=13	Pass
	1880	15	0	5.36	<=13	Pass
	1908.5	15	0	5.36	<=13	Pass
16QAM	1851.5	15	0	6.30	<=13	Pass
	1880	15	0	6.15	<=13	Pass
	1908.5	15	0	6.36	<=13	Pass
64QAM	1851.5	15	0	6.30	<=13	Pass
	1880	15	0	6.15	<=13	Pass
	1908.5	15	0	6.36	<=13	Pass

4.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.46	<=13	Pass
	1880	25	0	5.53	<=13	Pass
	1907.5	25	0	5.54	<=13	Pass
16QAM	1852.5	25	0	6.38	<=13	Pass
	1880	25	0	6.25	<=13	Pass
	1907.5	25	0	6.44	<=13	Pass
64QAM	1852.5	25	0	6.38	<=13	Pass
	1880	25	0	6.24	<=13	Pass
	1907.5	25	0	6.42	<=13	Pass

4.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.59	<=13	Pass
	1880	50	0	5.63	<=13	Pass
	1905	50	0	5.66	<=13	Pass
16QAM	1855	50	0	6.46	<=13	Pass
	1880	50	0	6.32	<=13	Pass
	1905	50	0	6.24	<=13	Pass
64QAM	1855	50	0	6.42	<=13	Pass
	1880	50	0	6.31	<=13	Pass
	1905	50	0	6.25	<=13	Pass

4.1.5 B2_15MHz

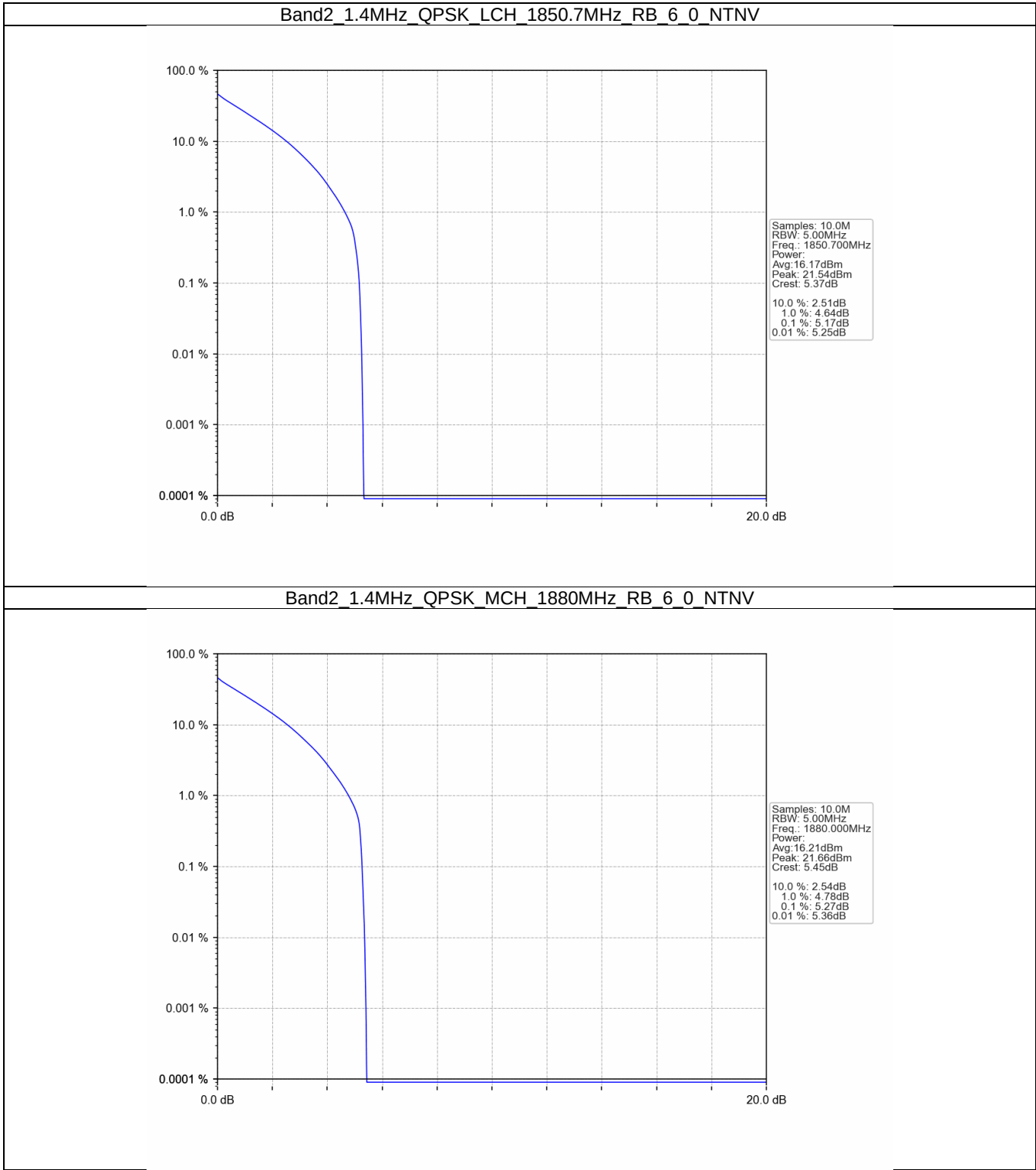
Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.51	<=13	Pass
	1880	75	0	5.48	<=13	Pass
	1902.5	75	0	5.45	<=13	Pass
16QAM	1857.5	75	0	6.44	<=13	Pass
	1880	75	0	6.25	<=13	Pass
	1902.5	75	0	6.19	<=13	Pass
64QAM	1857.5	75	0	6.46	<=13	Pass
	1880	75	0	6.24	<=13	Pass
	1902.5	75	0	6.18	<=13	Pass

4.1.6 B2_20MHz

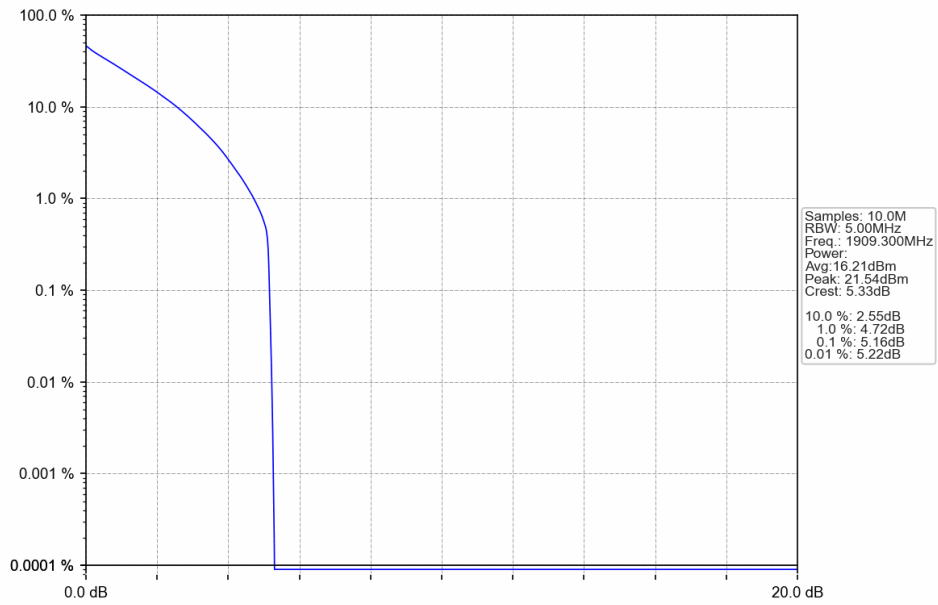
Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.58	<=13	Pass
	1880	100	0	5.51	<=13	Pass
	1900	100	0	5.49	<=13	Pass
16QAM	1860	100	0	6.49	<=13	Pass
	1880	100	0	6.28	<=13	Pass
	1900	100	0	6.24	<=13	Pass
64QAM	1860	100	0	6.48	<=13	Pass
	1880	100	0	6.27	<=13	Pass
	1900	100	0	6.24	<=13	Pass

4.2 Test Graph

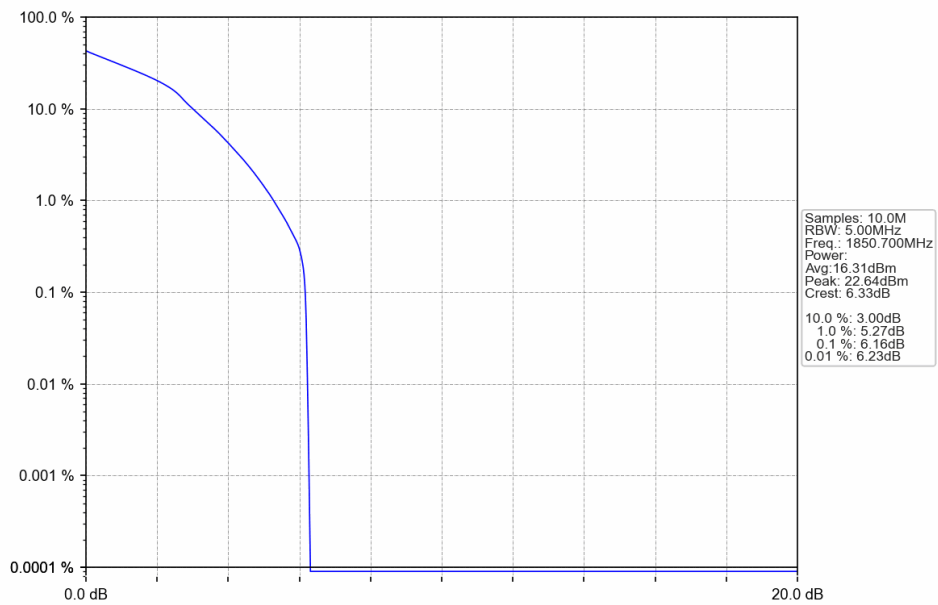
4.2.1 B2_1.4MHz



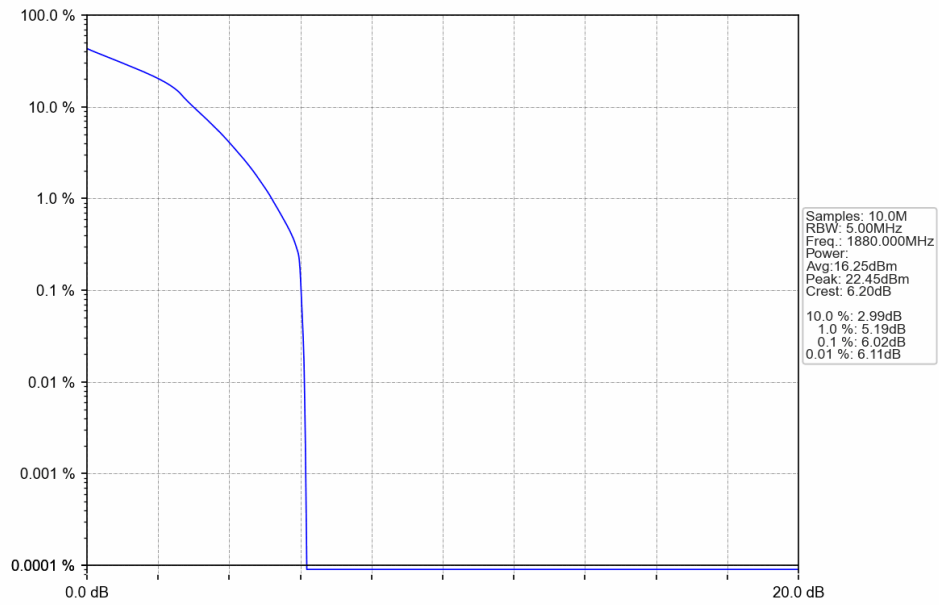
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



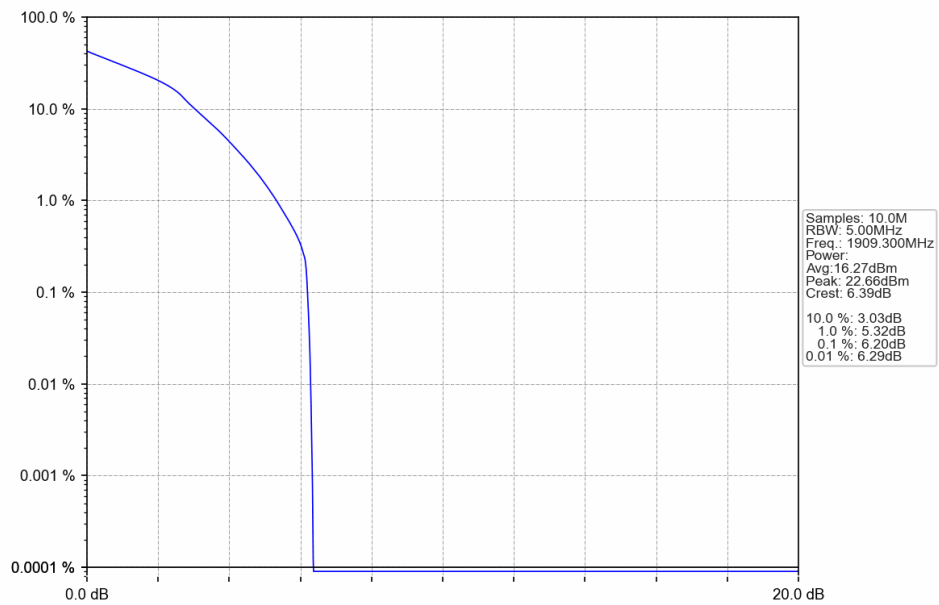
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



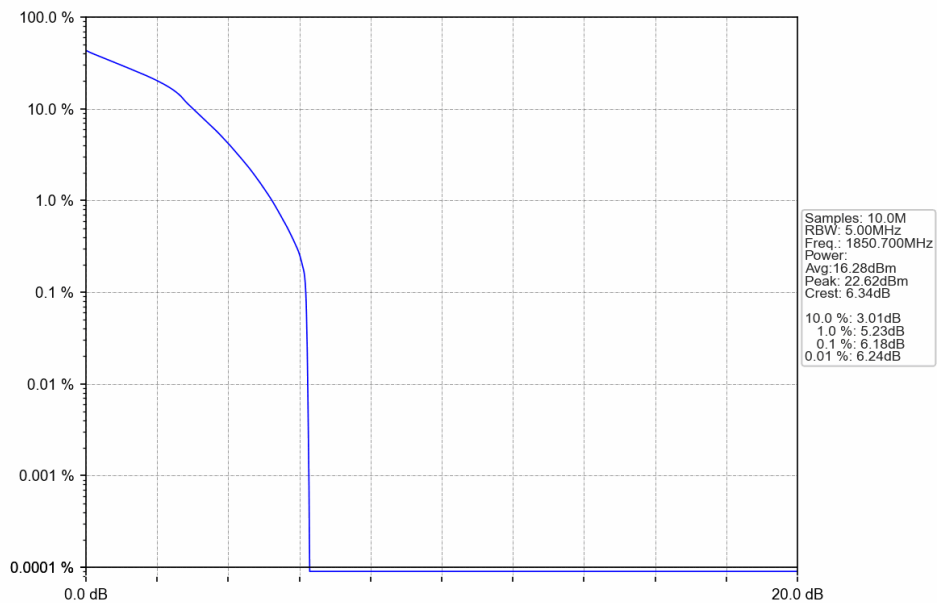
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



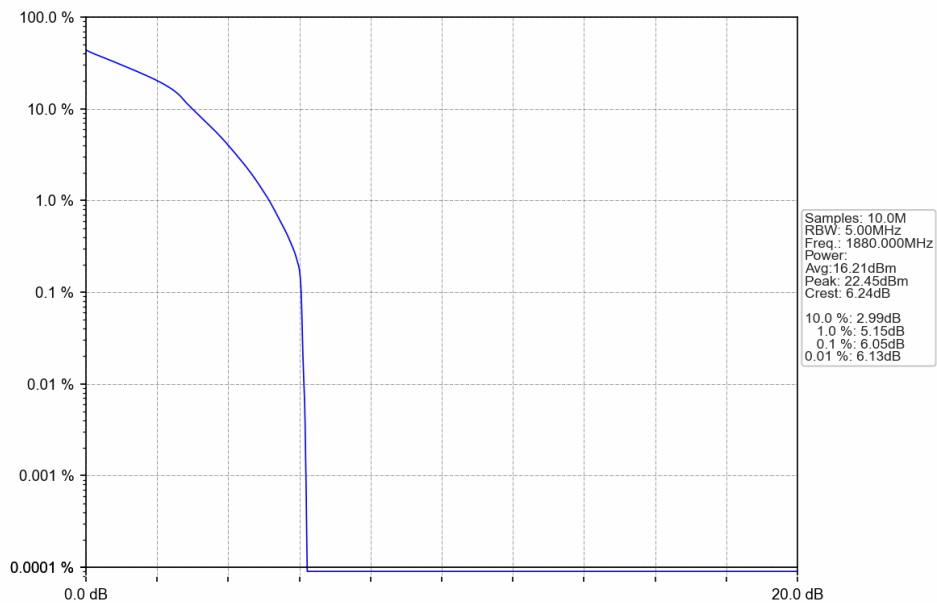
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV

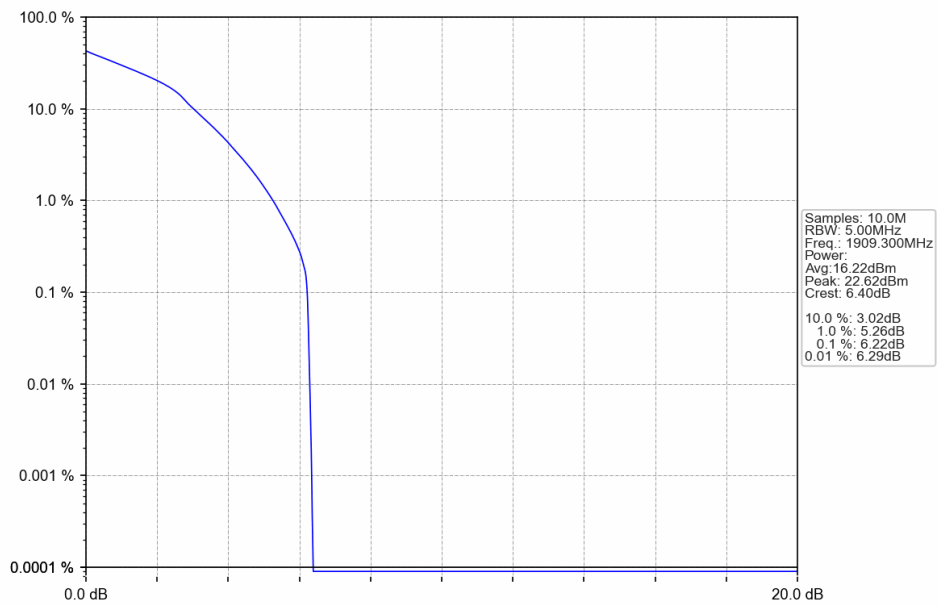


Band2 1.4MHz 64QAM LCH 1850.7MHz RB 6 0 NTNV

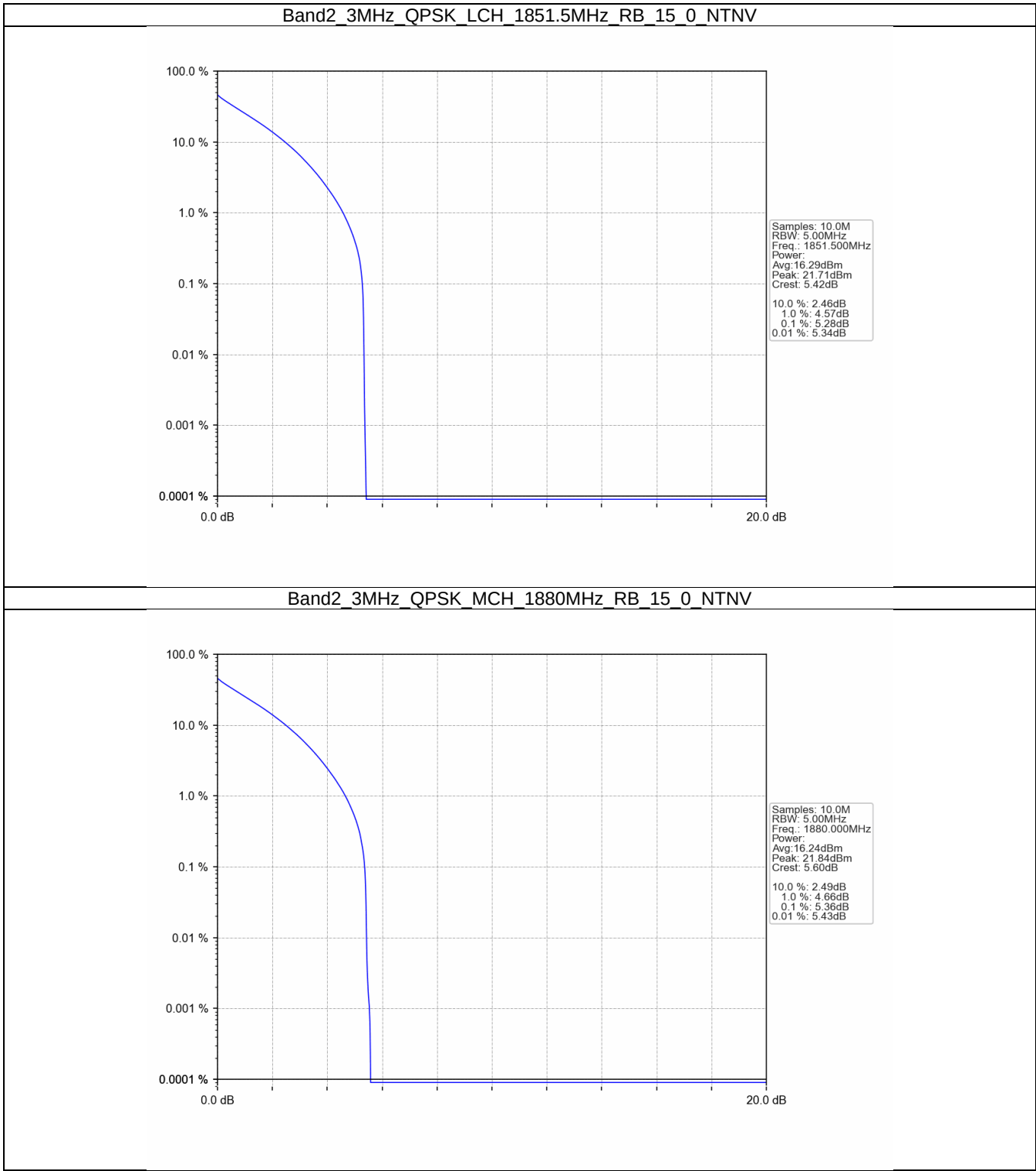


Band2 1.4MHz 64QAM MCH 1880MHz RB 6 0 NTNV

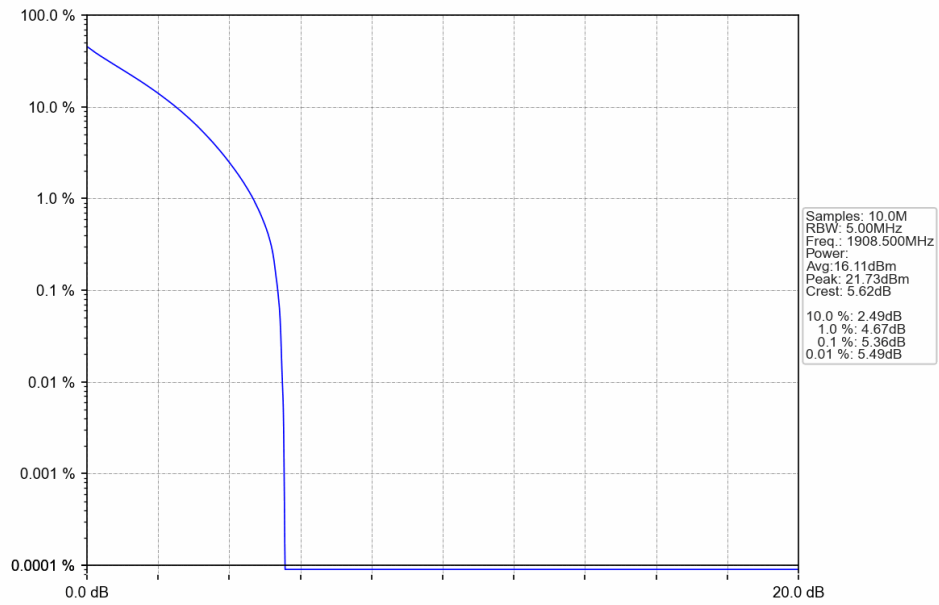




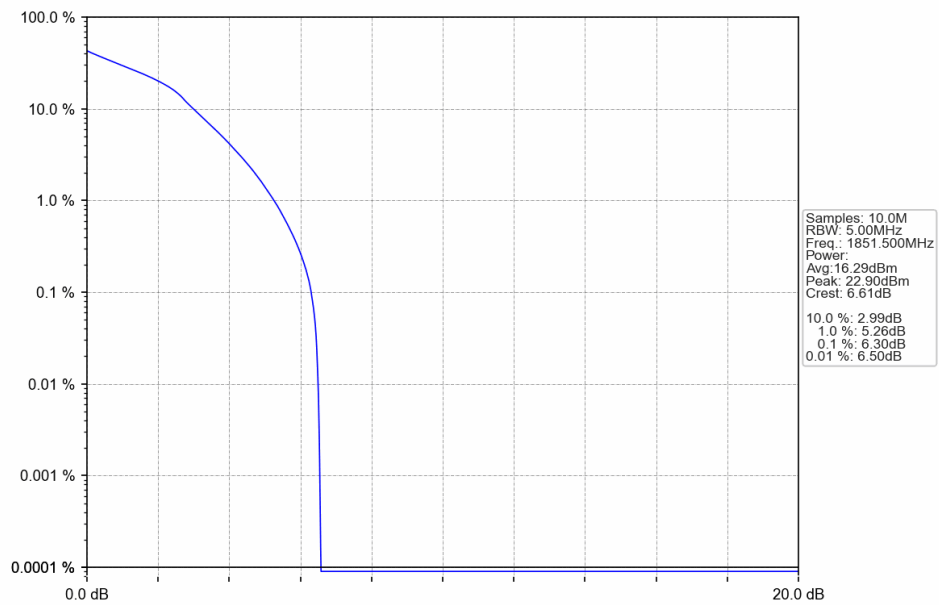
4.2.2 B2_3MHz



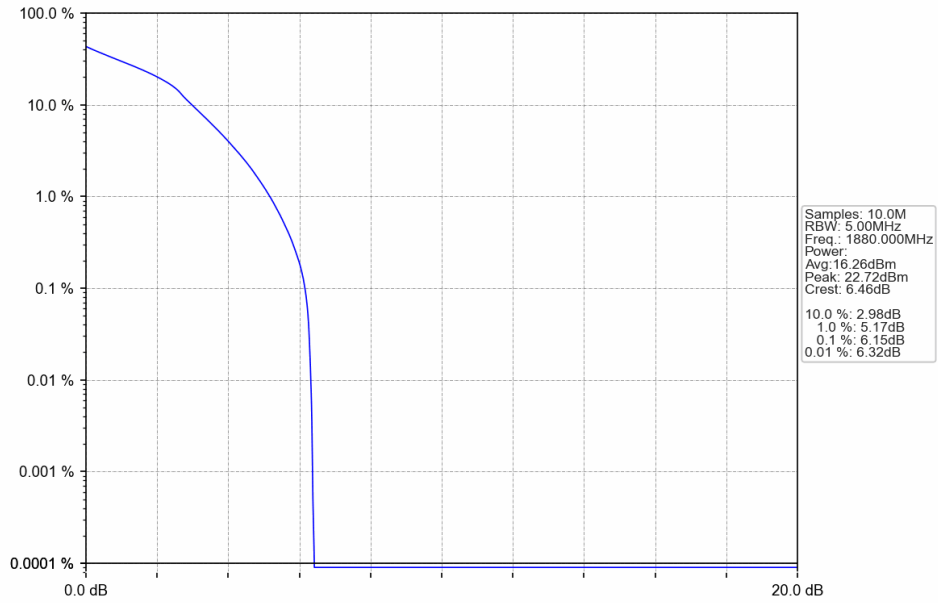
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTN



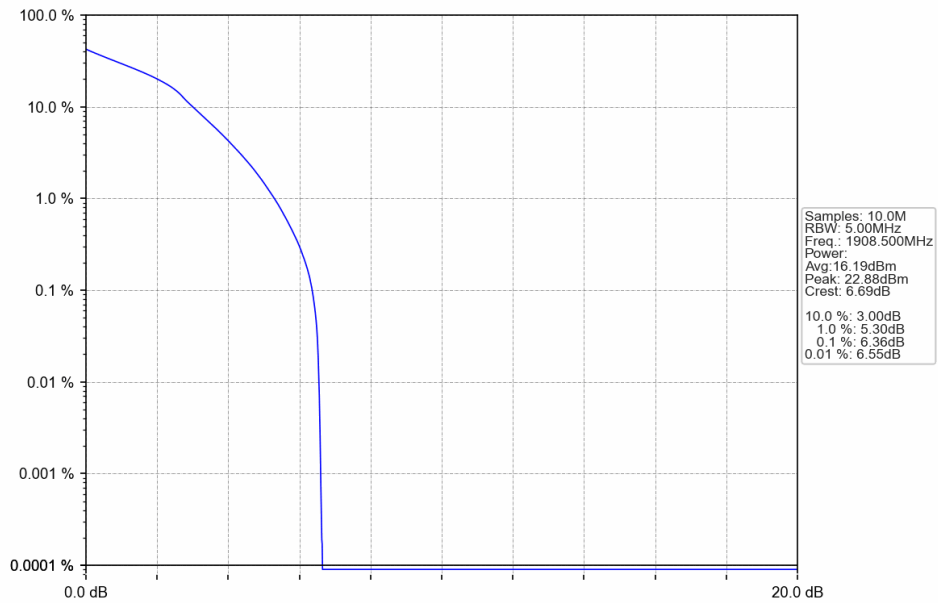
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTN



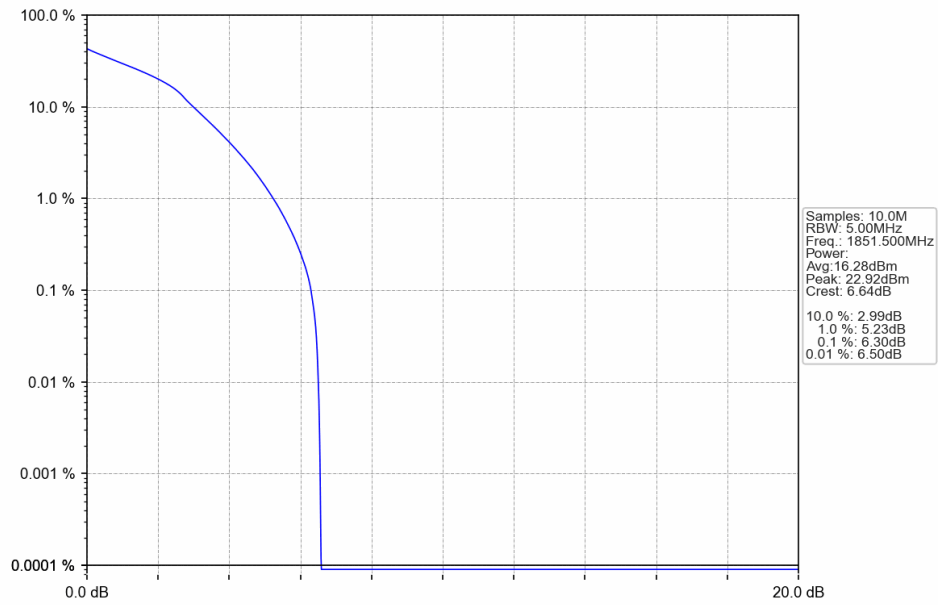
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



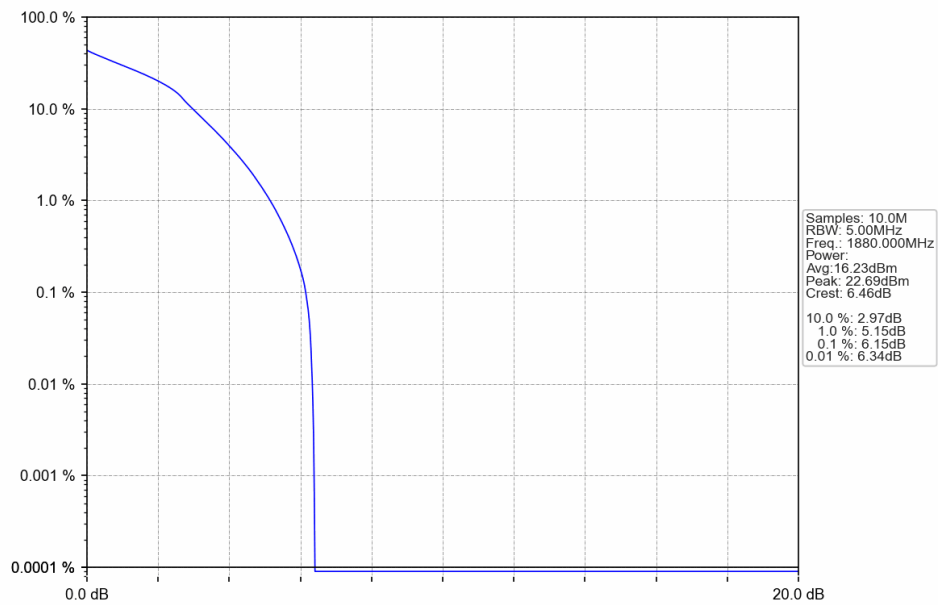
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV

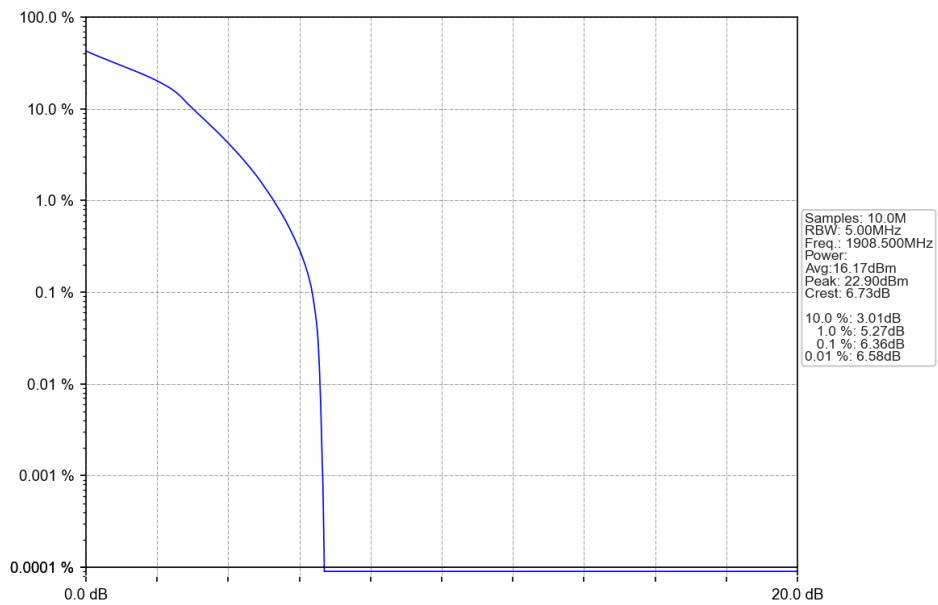


Band2 3MHz 64QAM LCH 1851.5MHz RB 15 0 NTNV

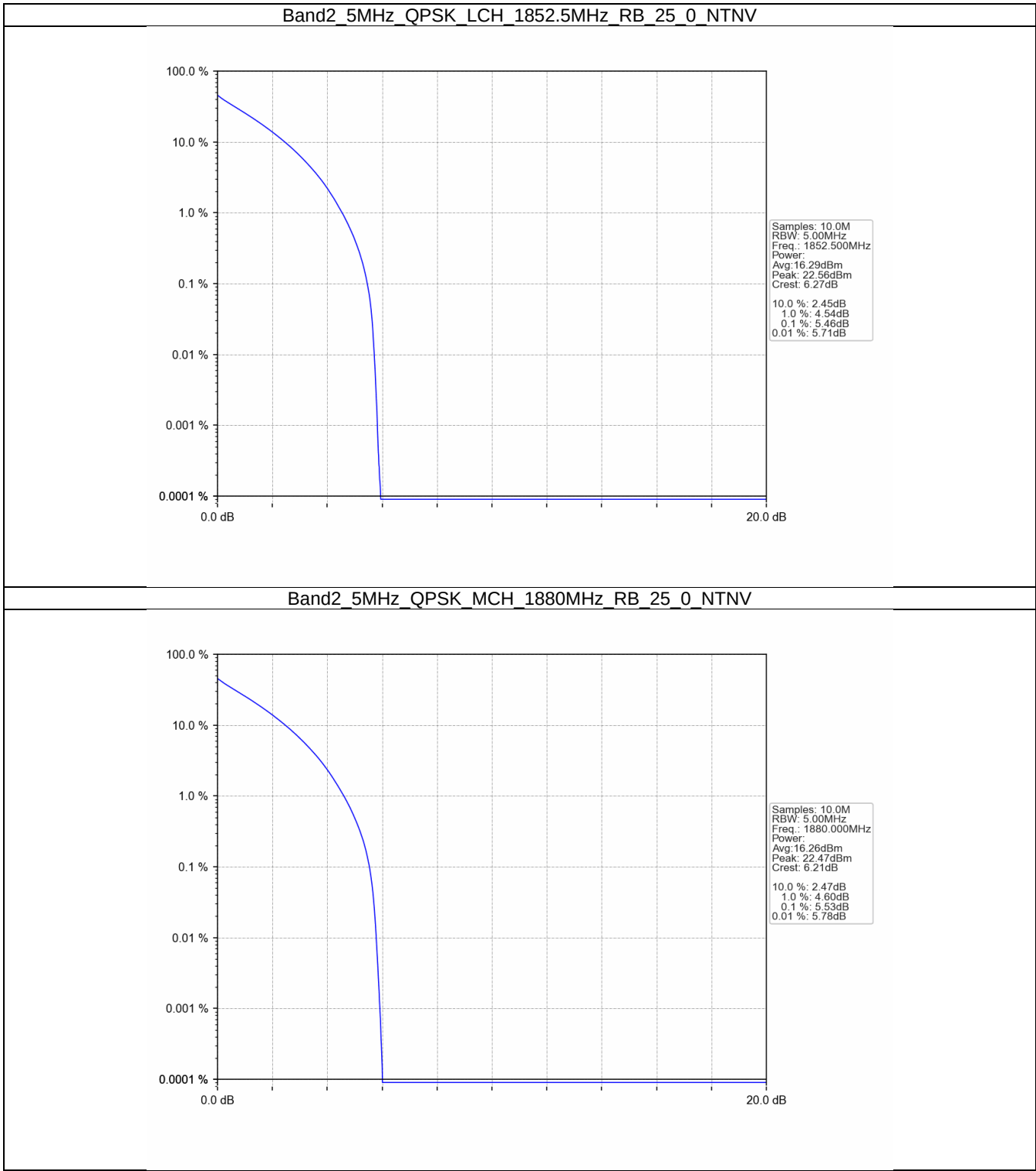


Band2 3MHz 64QAM MCH 1880MHz RB 15 0 NTNV

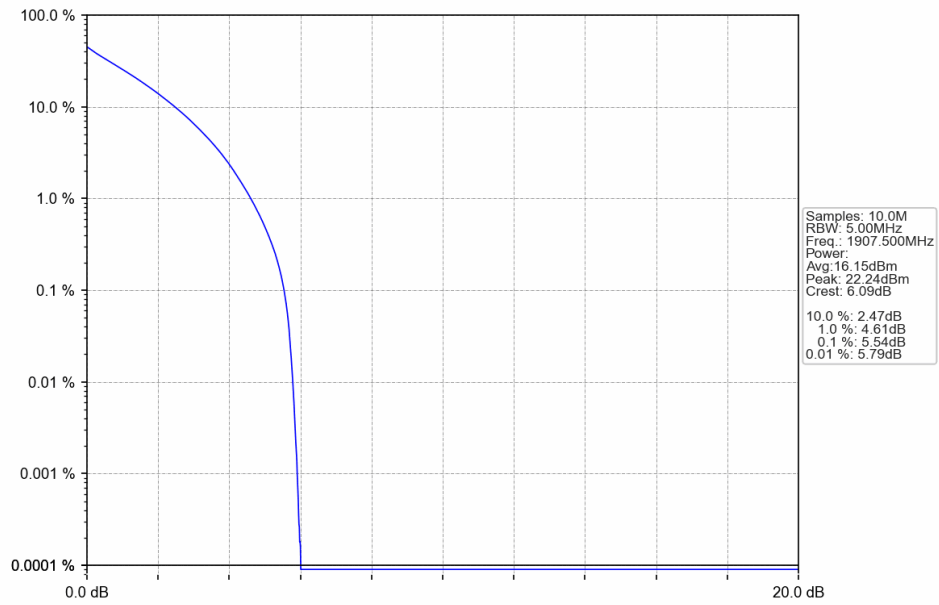




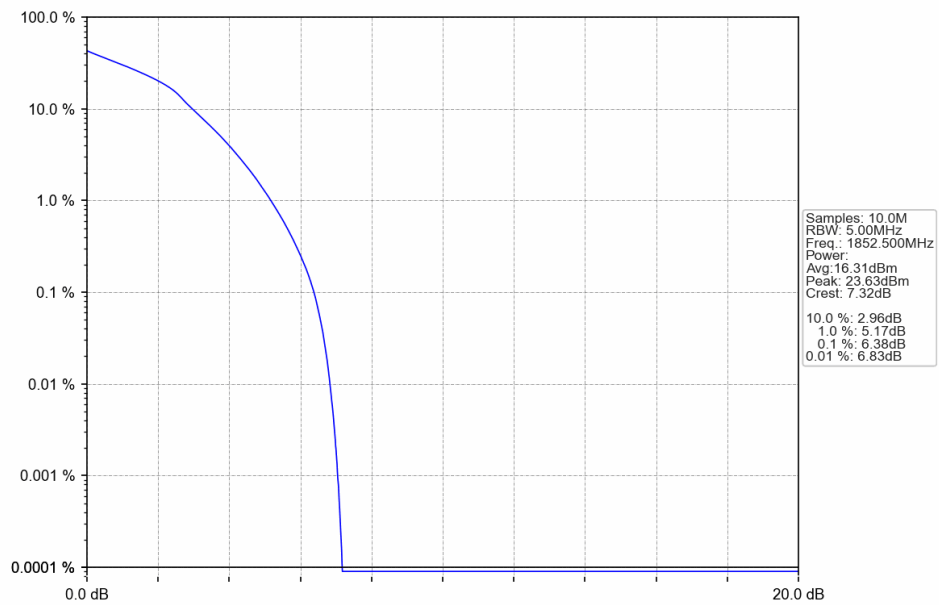
4.2.3 B2_5MHz



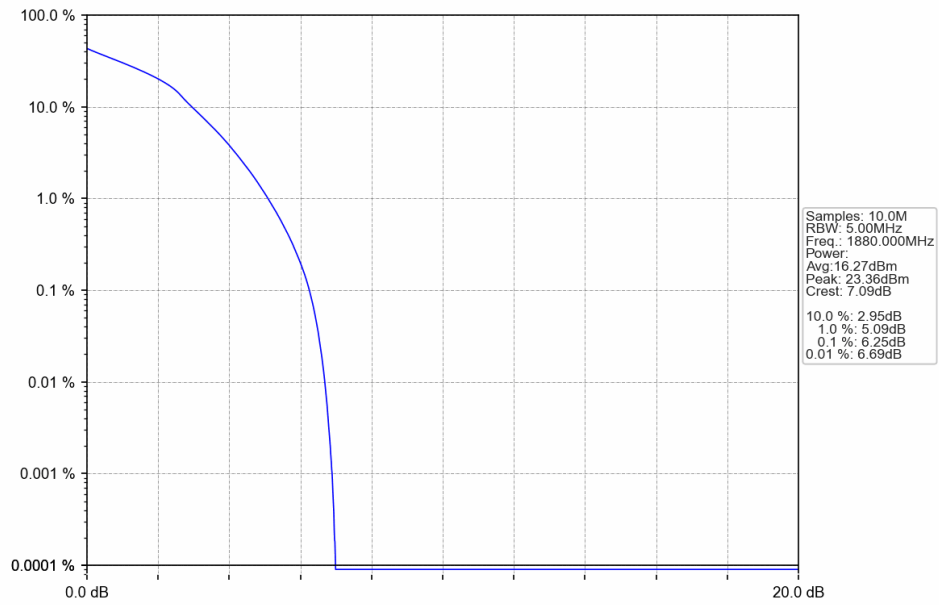
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



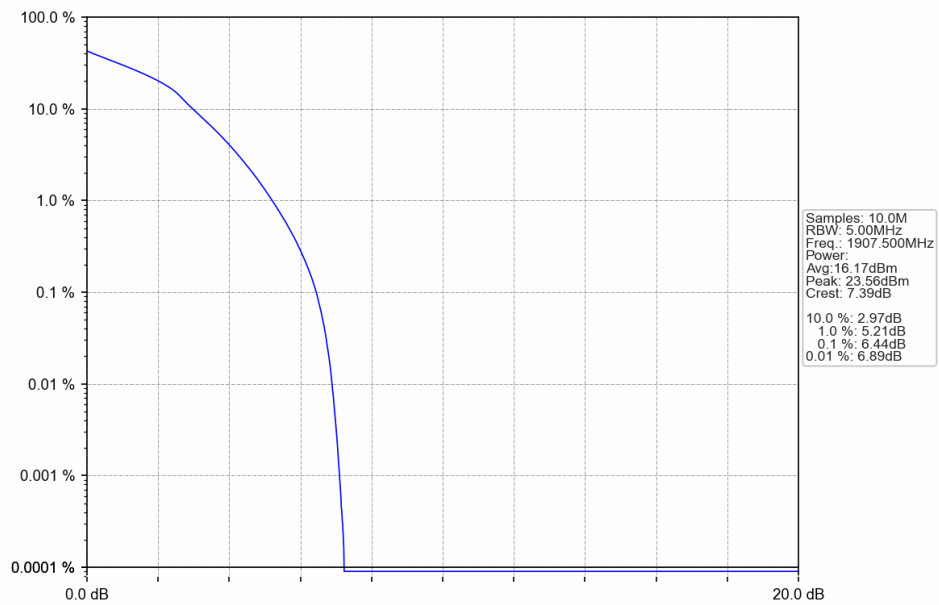
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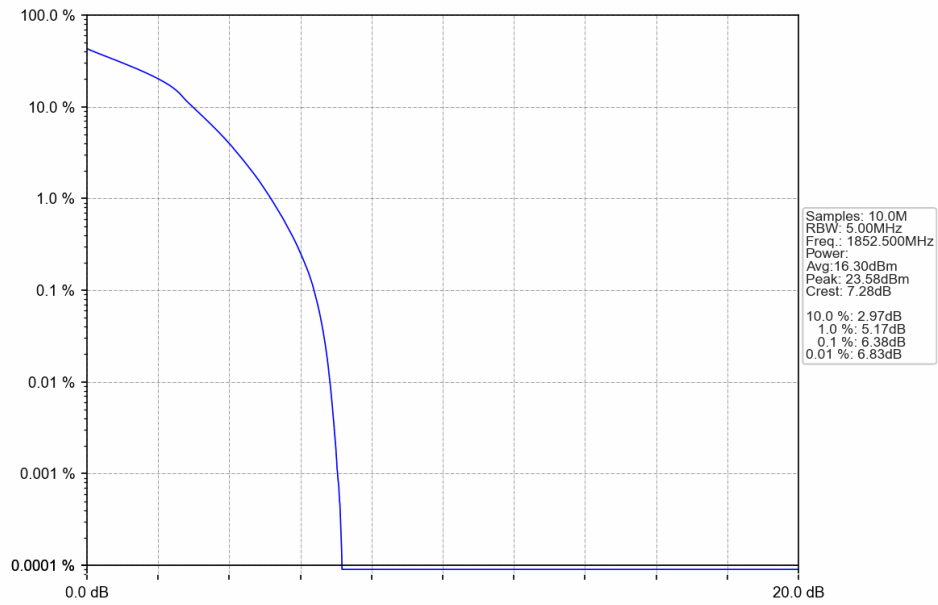
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



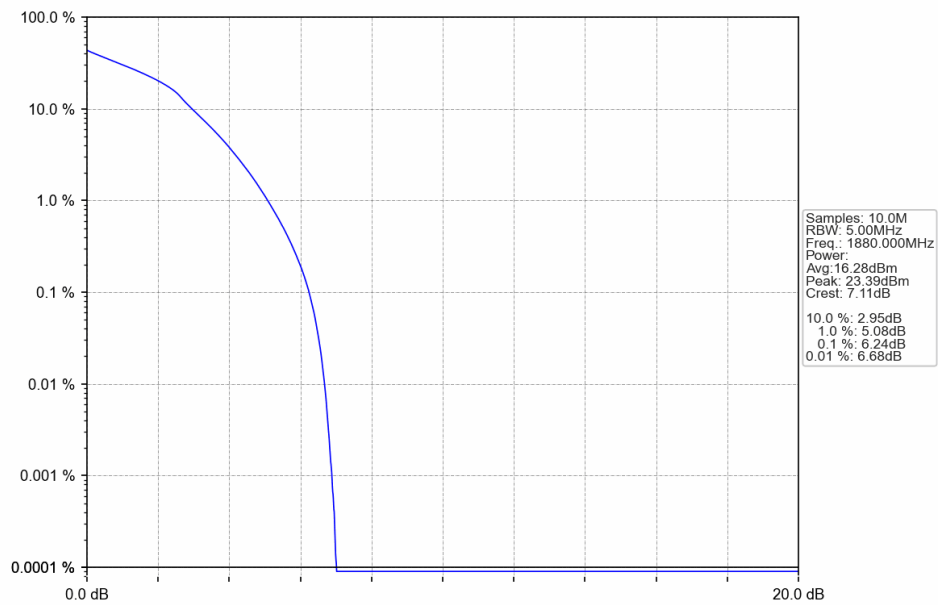
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV

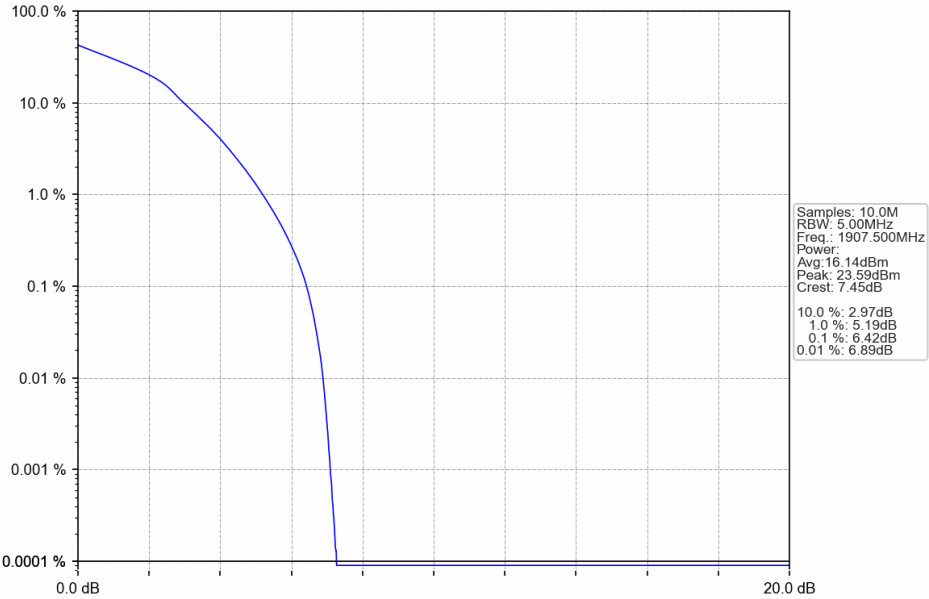


Band2 5MHz 64QAM LCH 1852.5MHz RB 25 0 NTNV

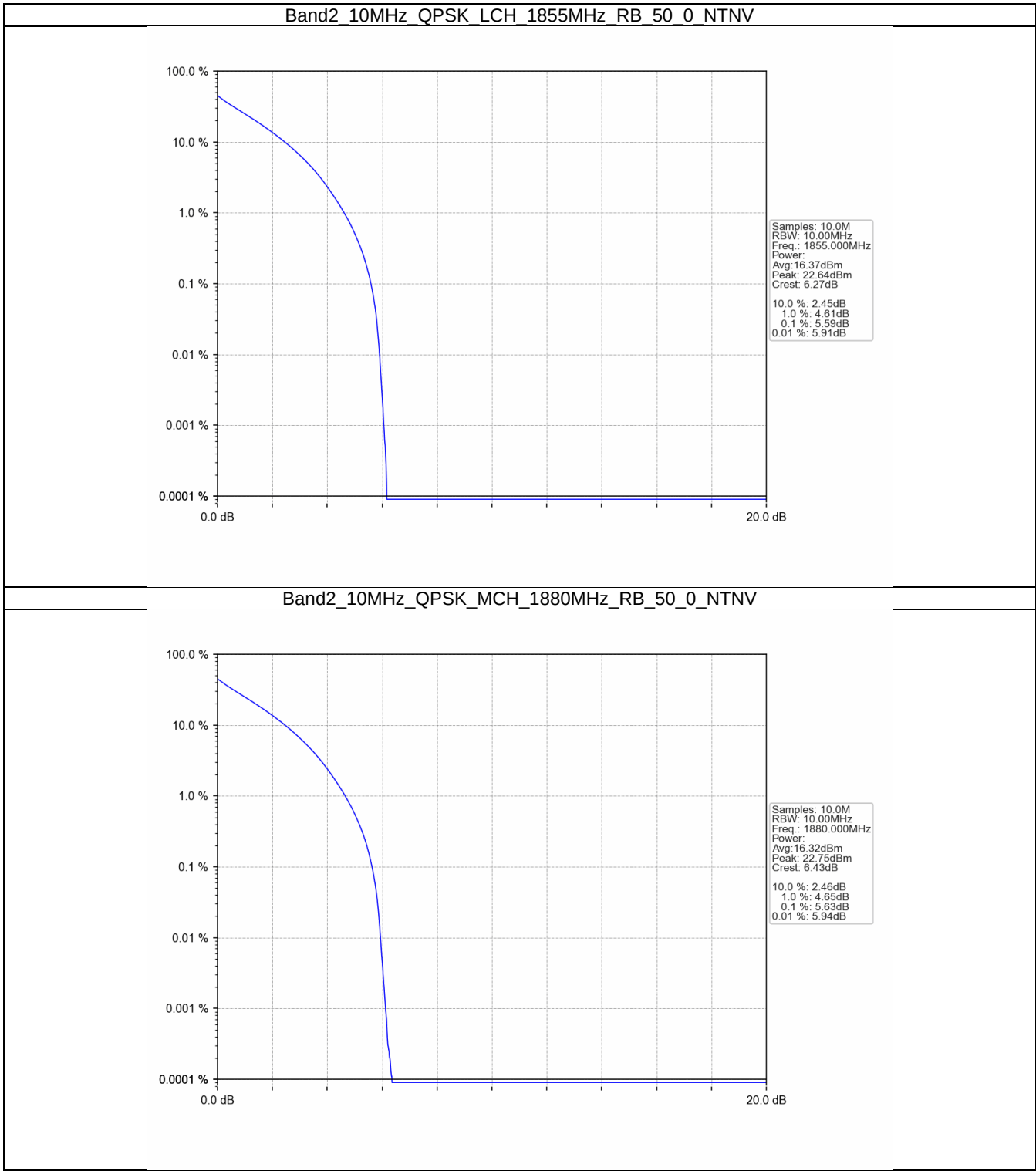


Band2 5MHz 64QAM MCH 1880MHz RB 25 0 NTNV

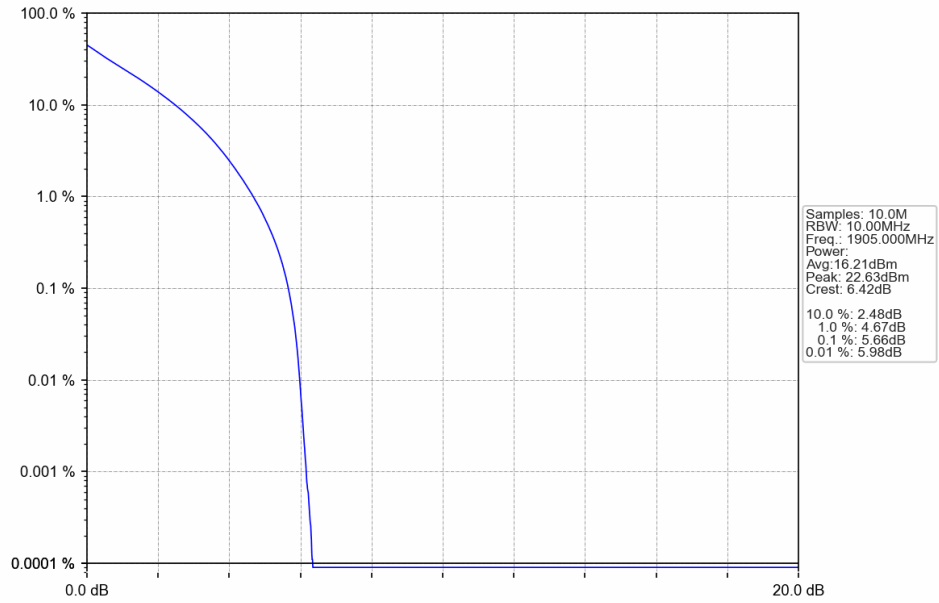




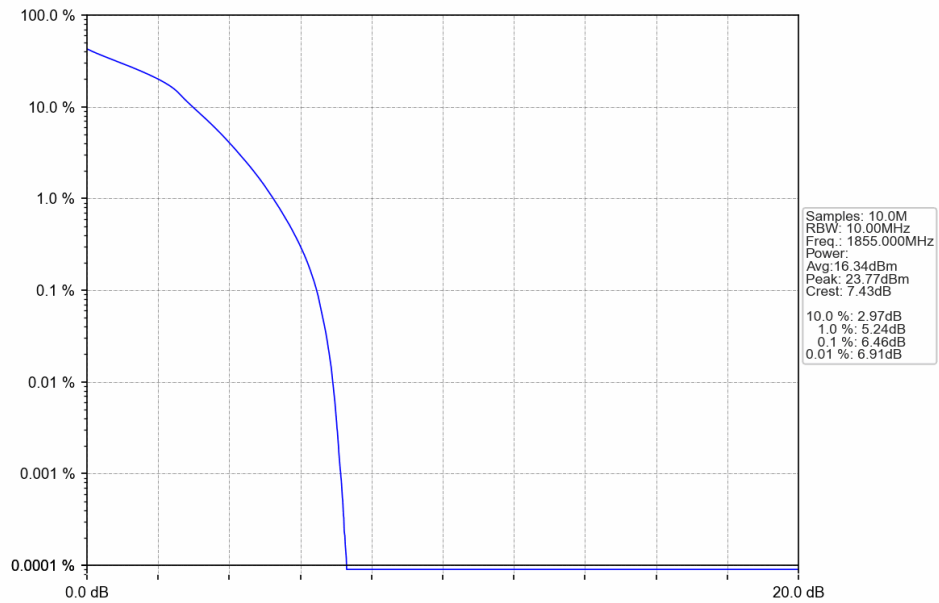
4.2.4 B2_10MHz



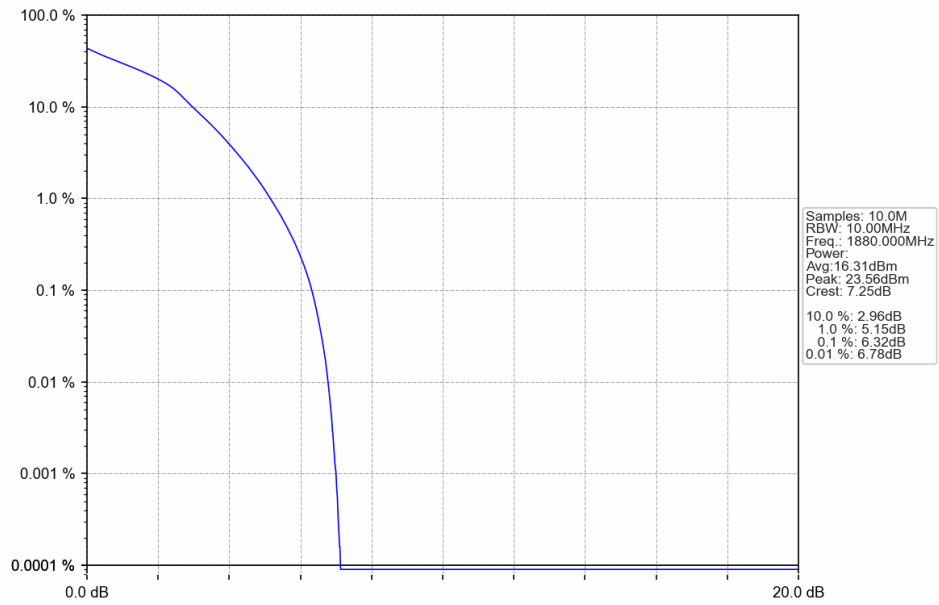
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



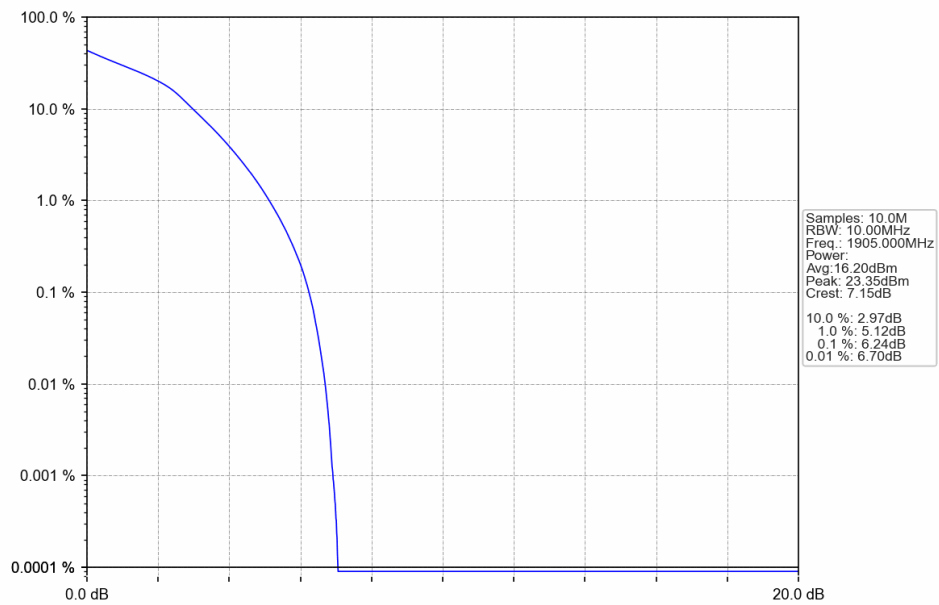
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



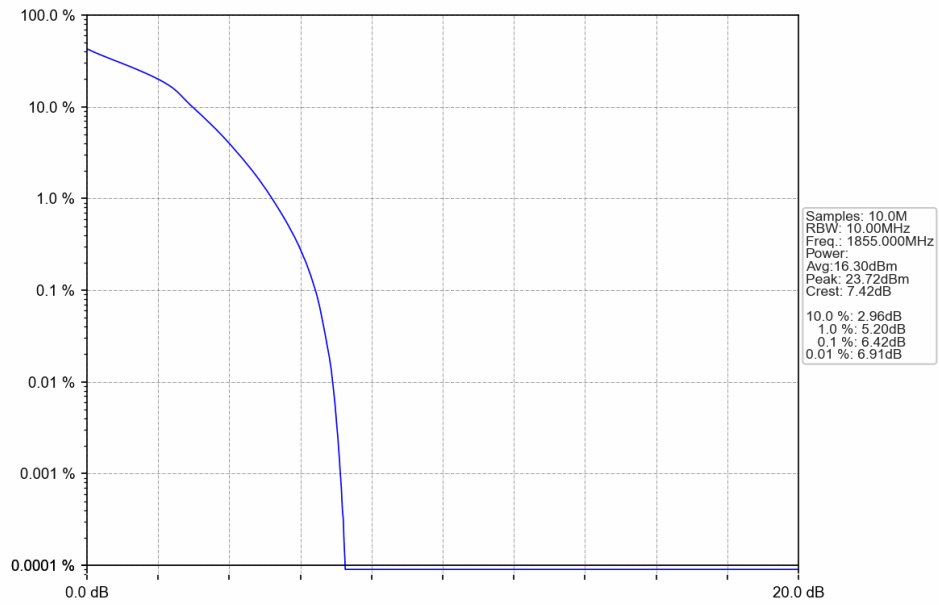
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



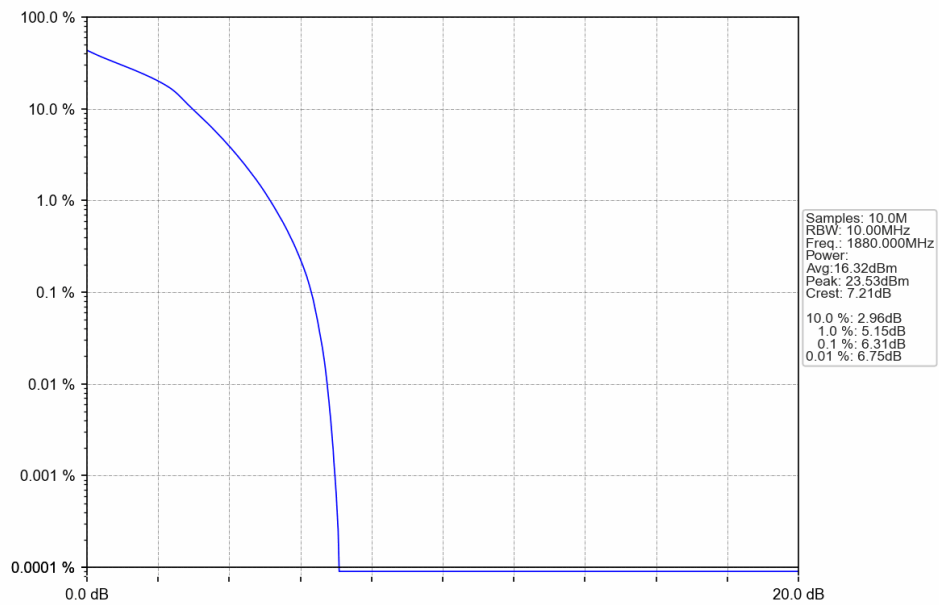
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



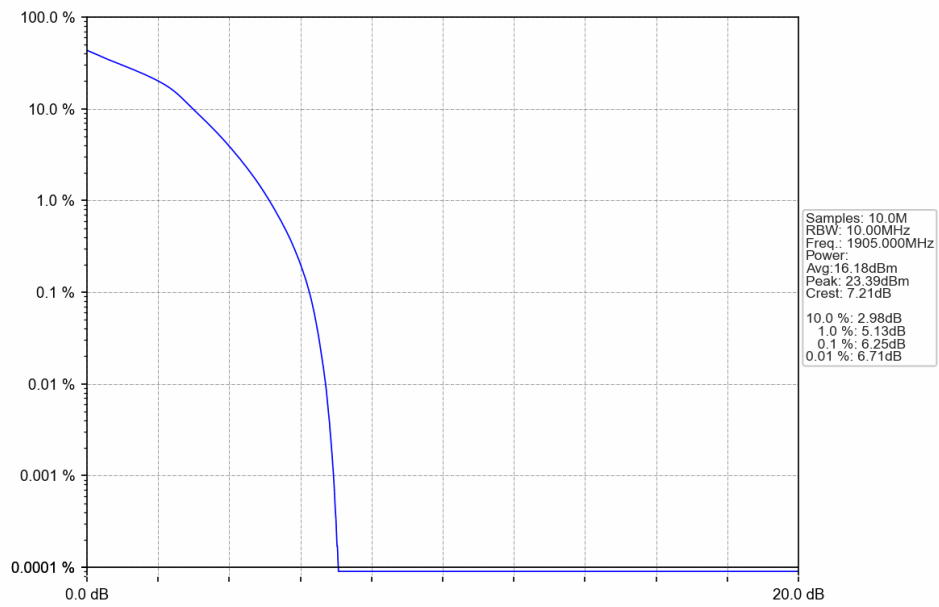
Band2 10MHz 64QAM LCH 1855MHz RB 50 0 NTNV



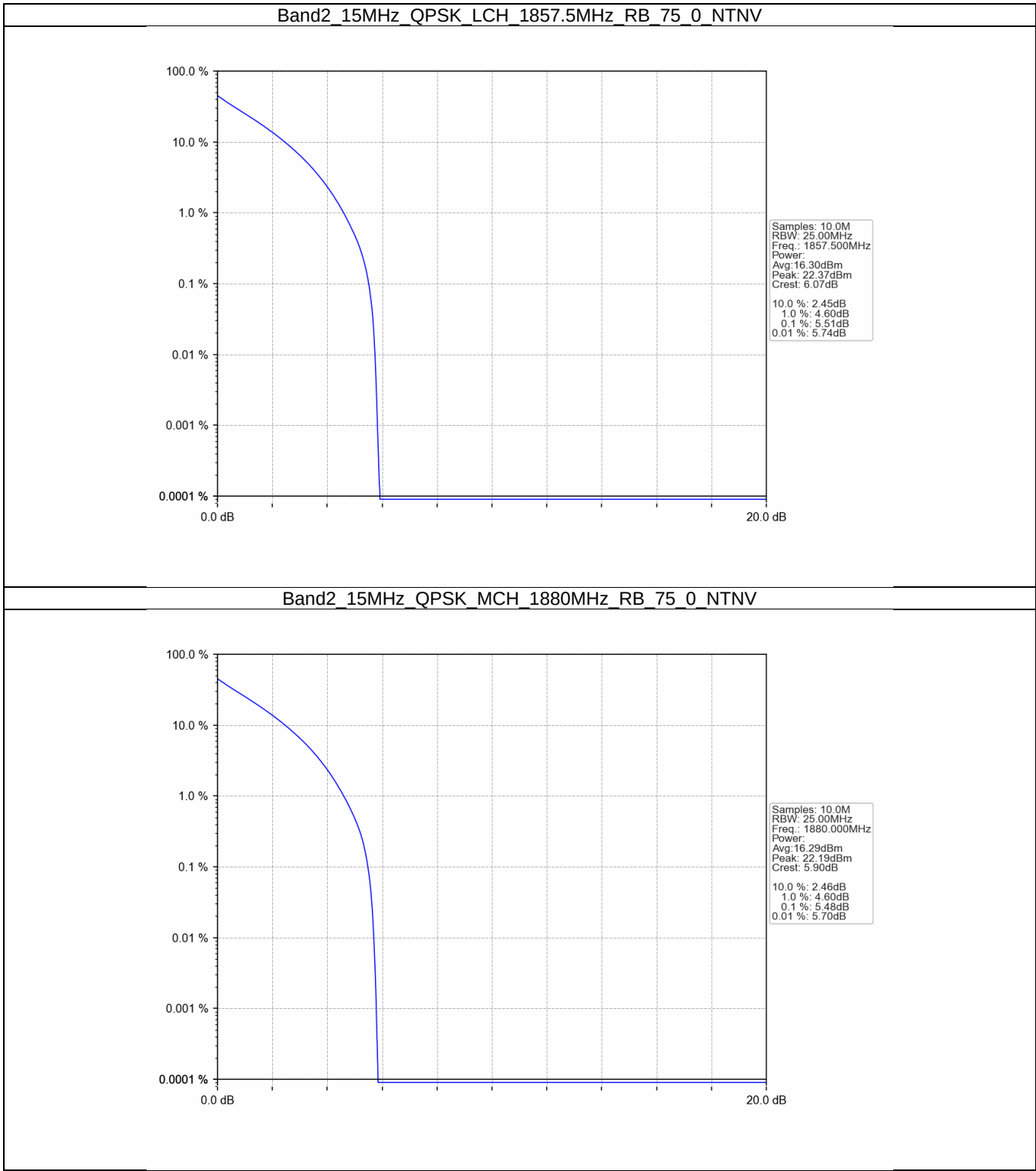
Band2 10MHz 64QAM MCH 1880MHz RB 50 0 NTNV



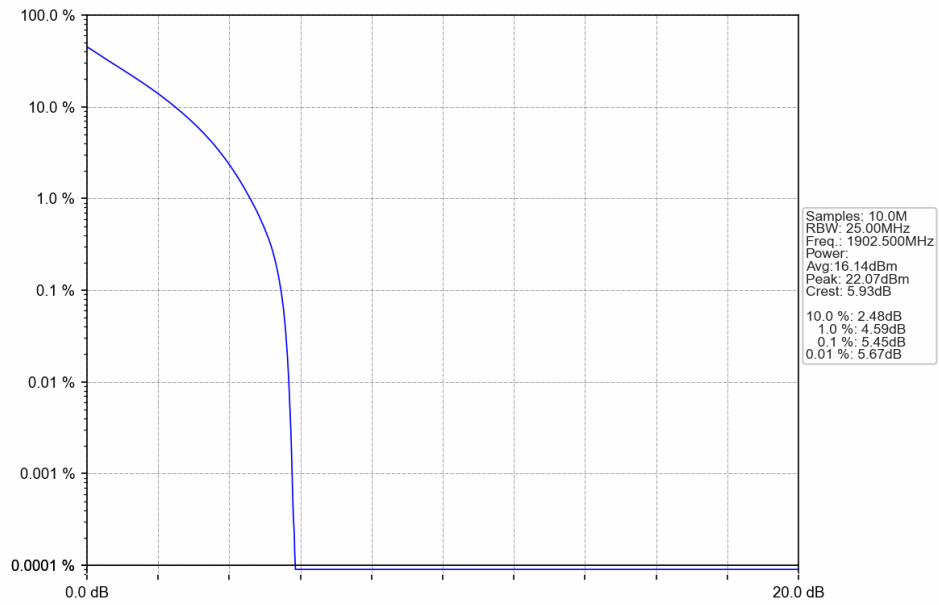
Band2 10MHz 64QAM HCH 1905MHz RB 50 0 NTNV



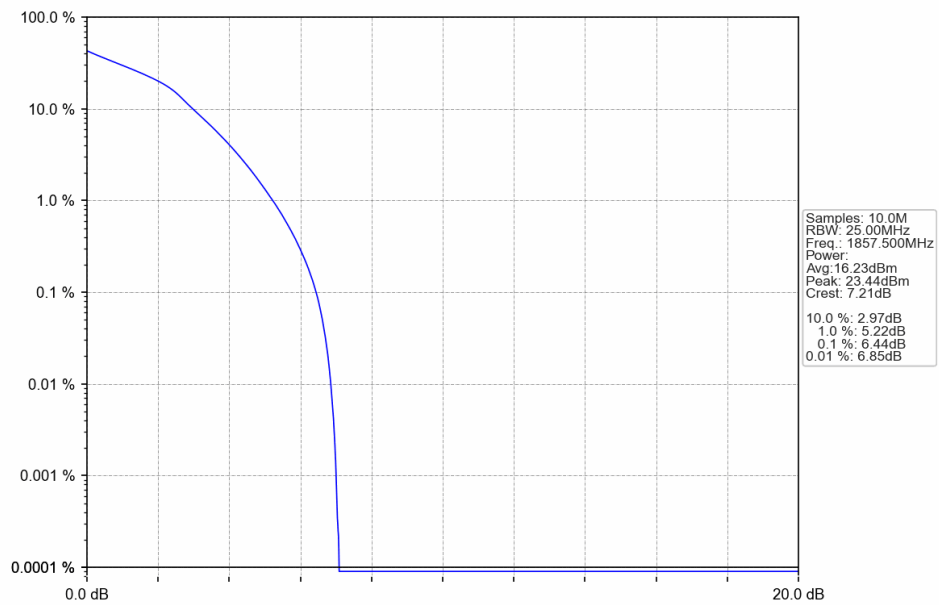
4.2.5 B2_15MHz



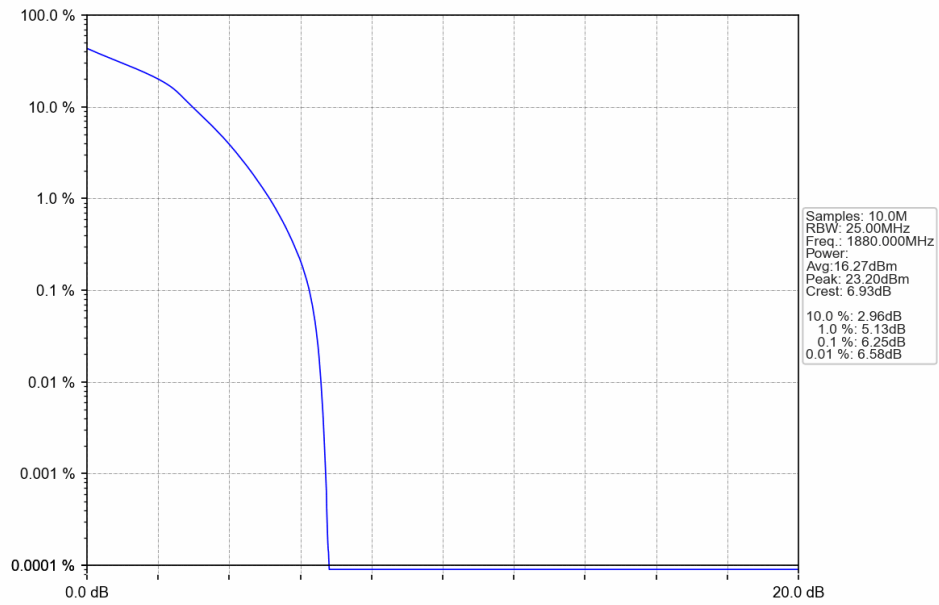
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



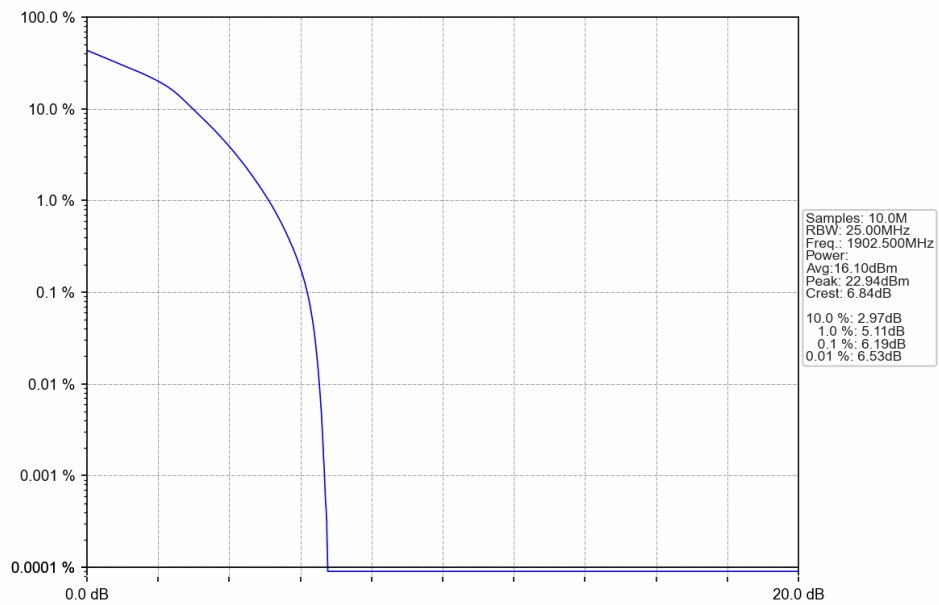
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



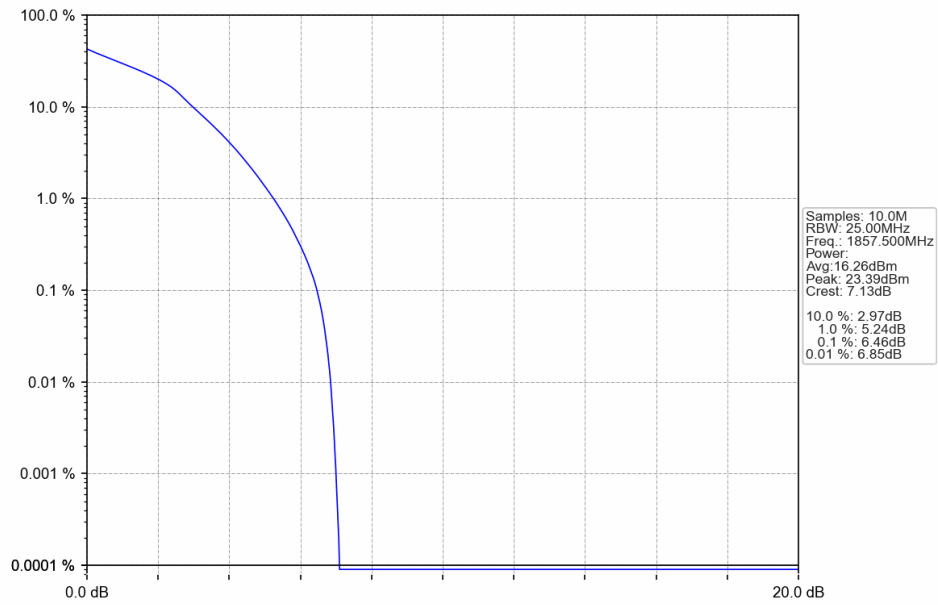
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



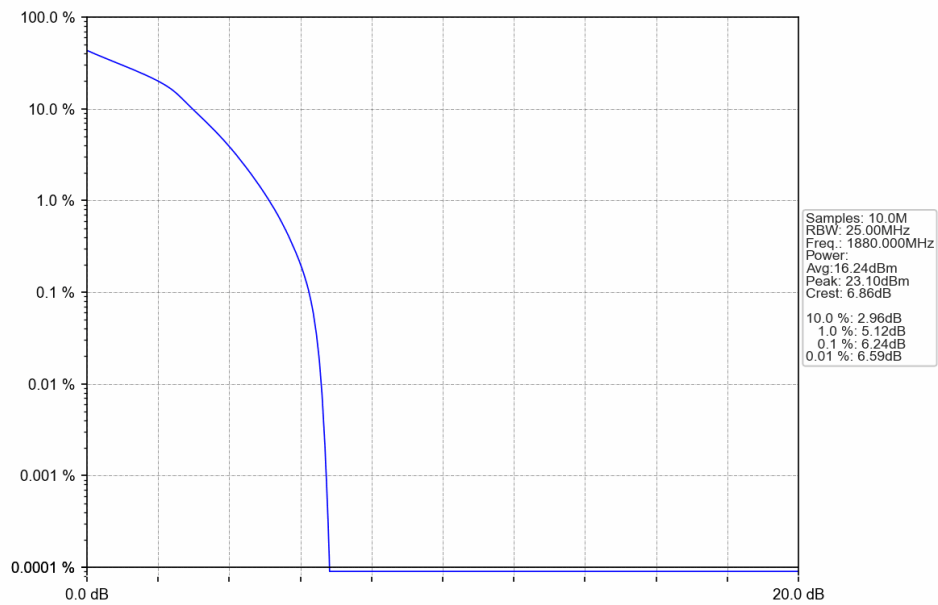
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



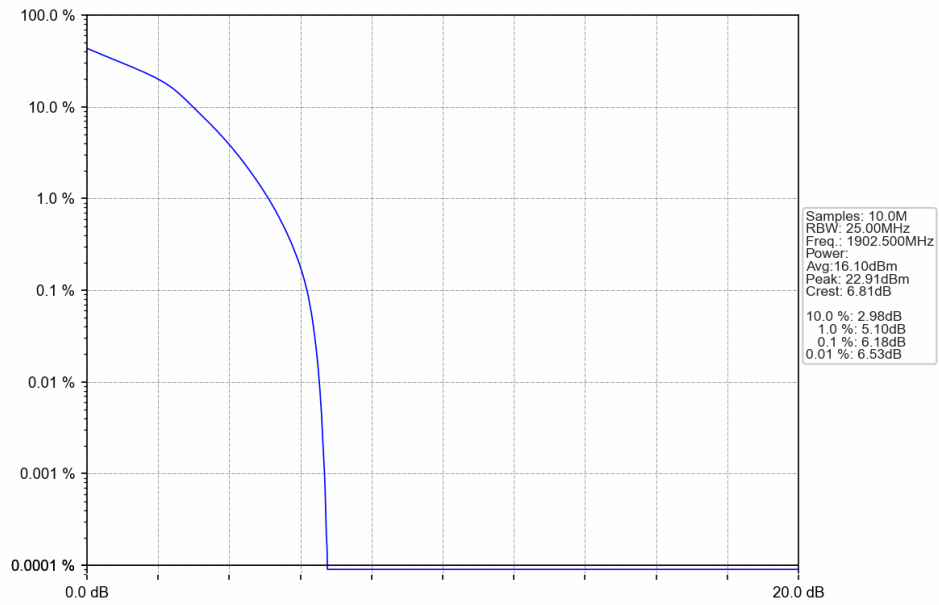
Band2 15MHz 64QAM LCH 1857.5MHz RB 75 0 NTNV



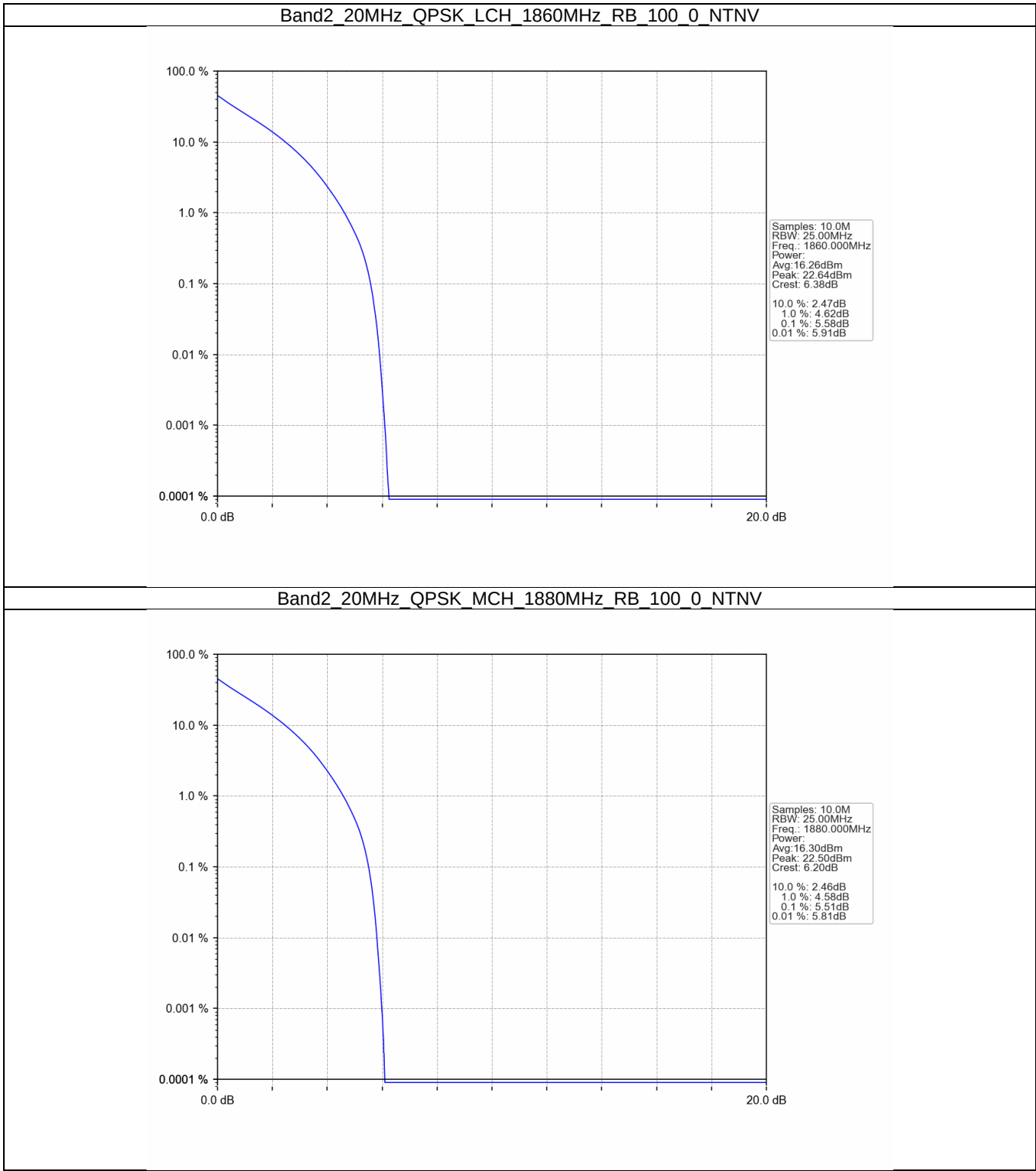
Band2 15MHz 64QAM MCH 1880MHz RB 75 0 NTNV



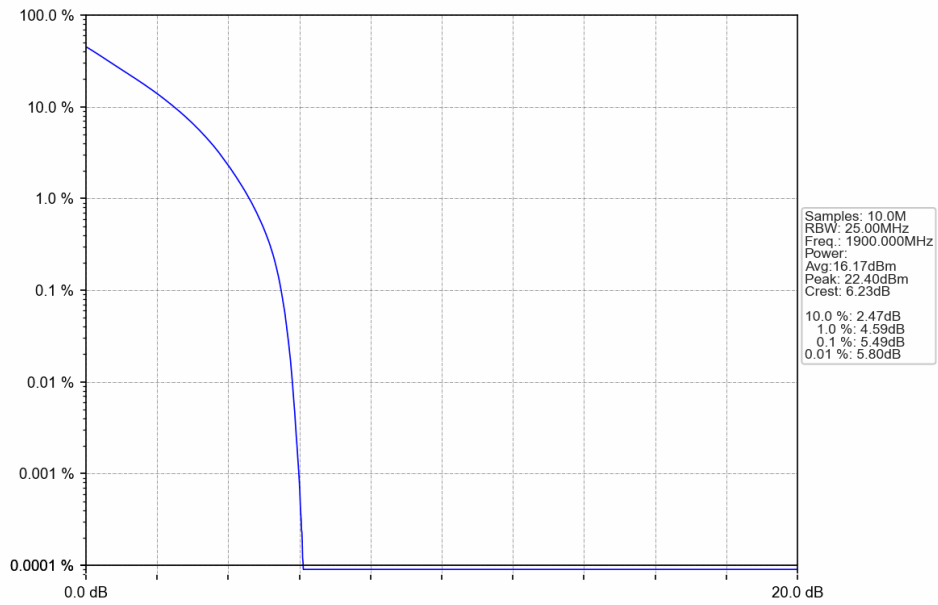
Band2 15MHz 64QAM HCH 1902.5MHz RB 75 0 NTNV



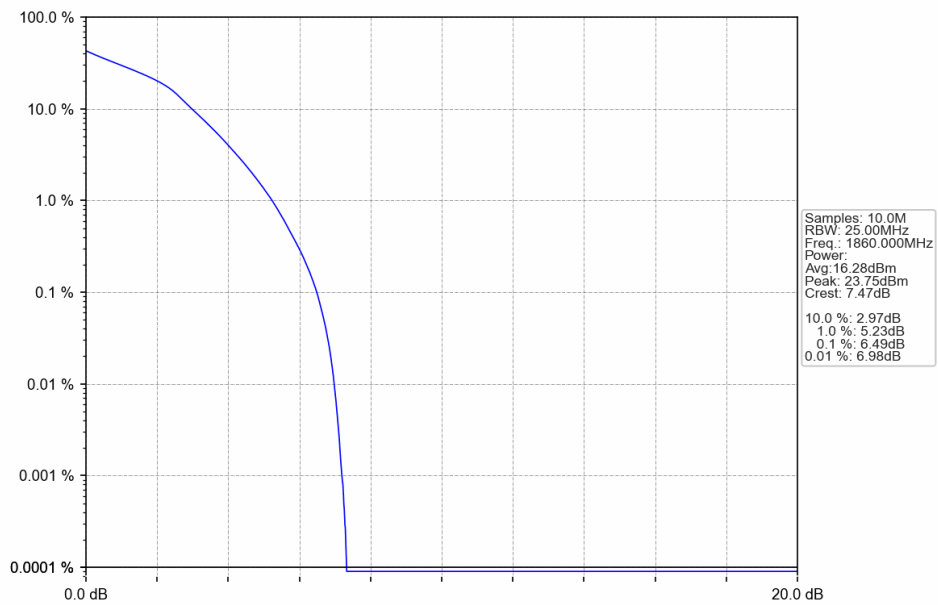
4.2.6 B2_20MHz



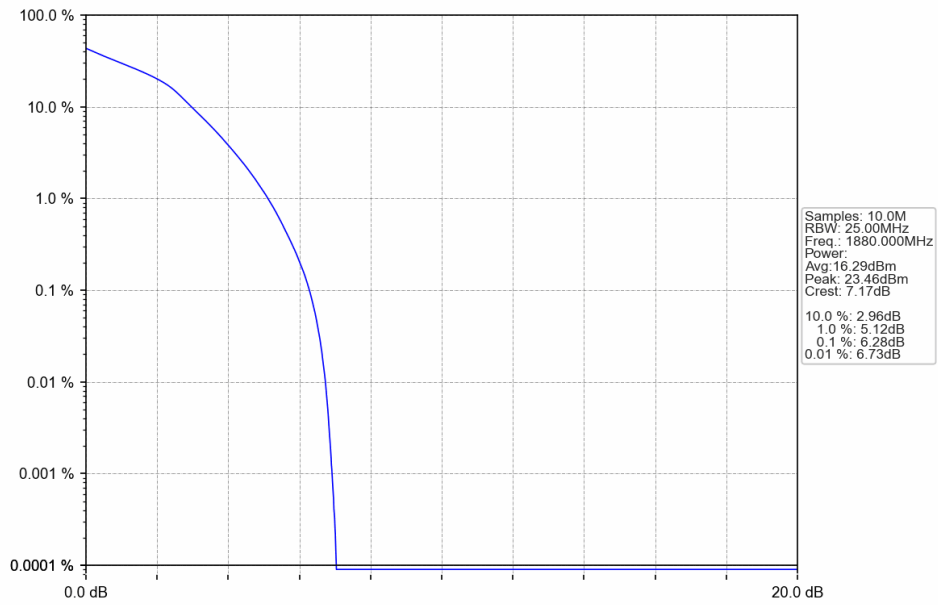
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



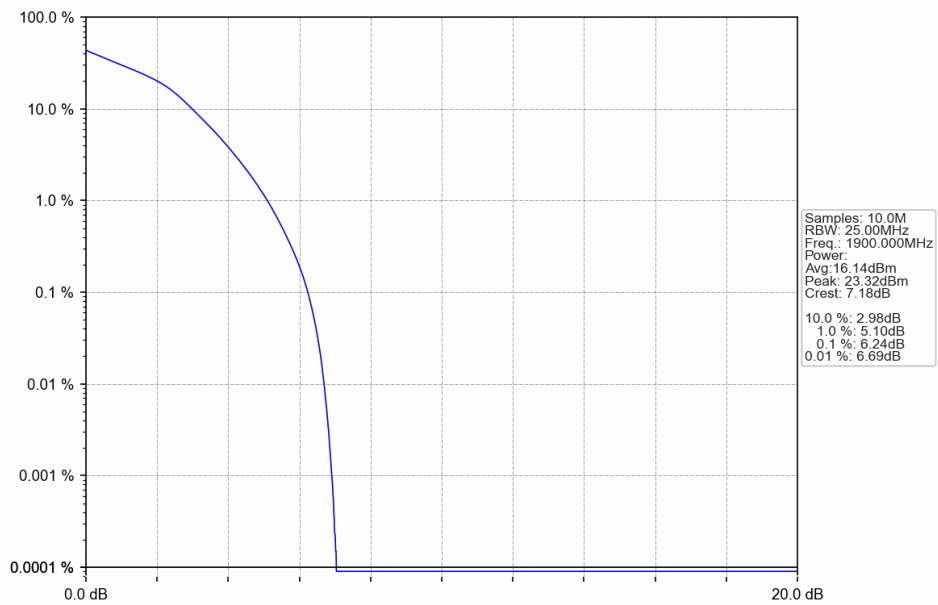
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



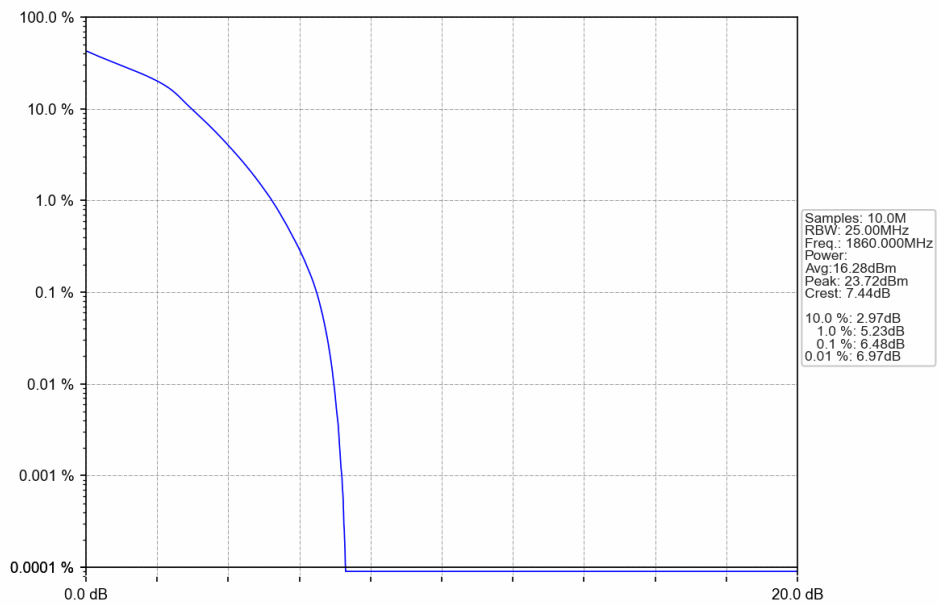
Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



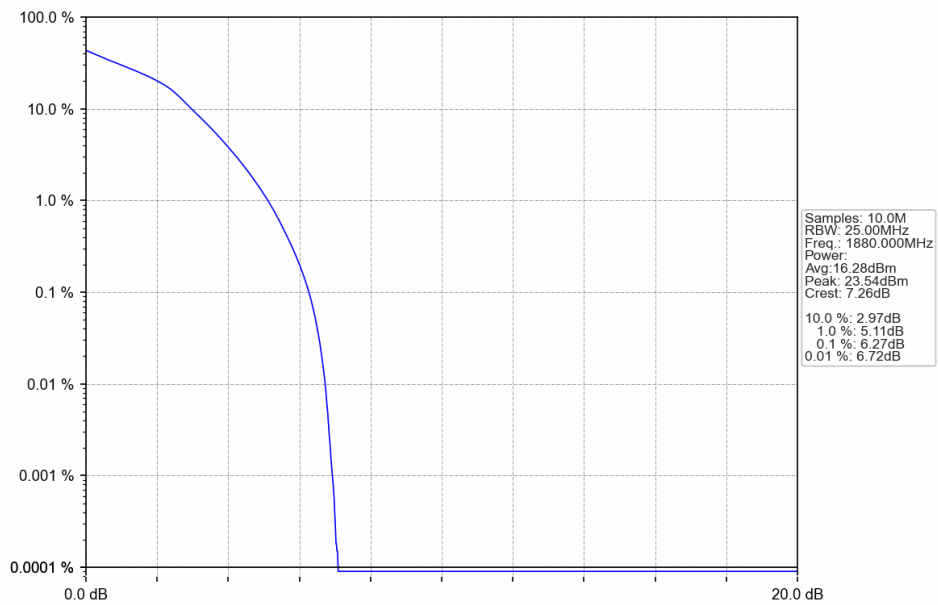
Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV

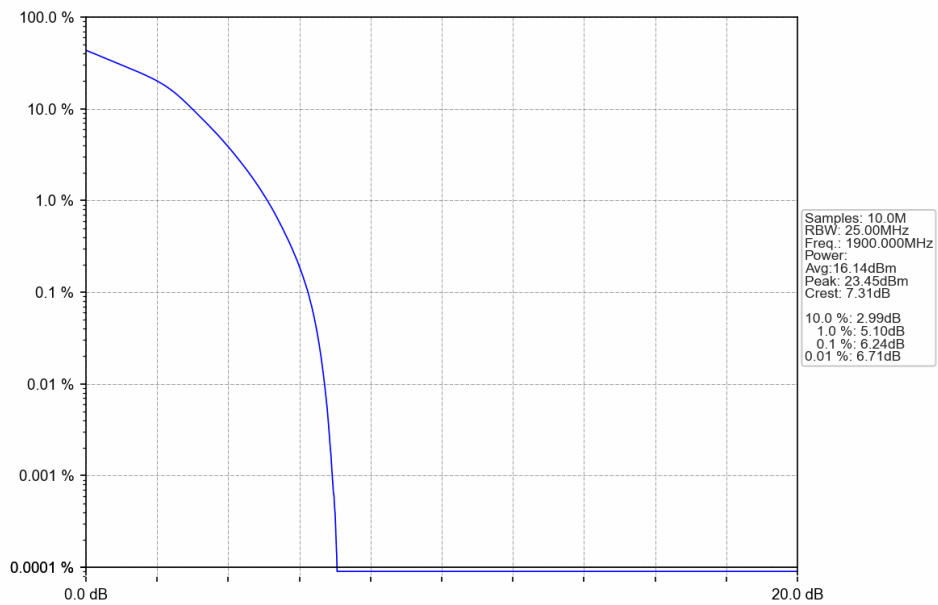


Band2 20MHz 64QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 64QAM MCH 1880MHz RB 100 0 NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTVN						
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
64QAM	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

5.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
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
64QAM	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

5.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
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
64QAM	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

5.1.4 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	1	0	Refer To Test Graph		Pass
			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	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B2_15MHz

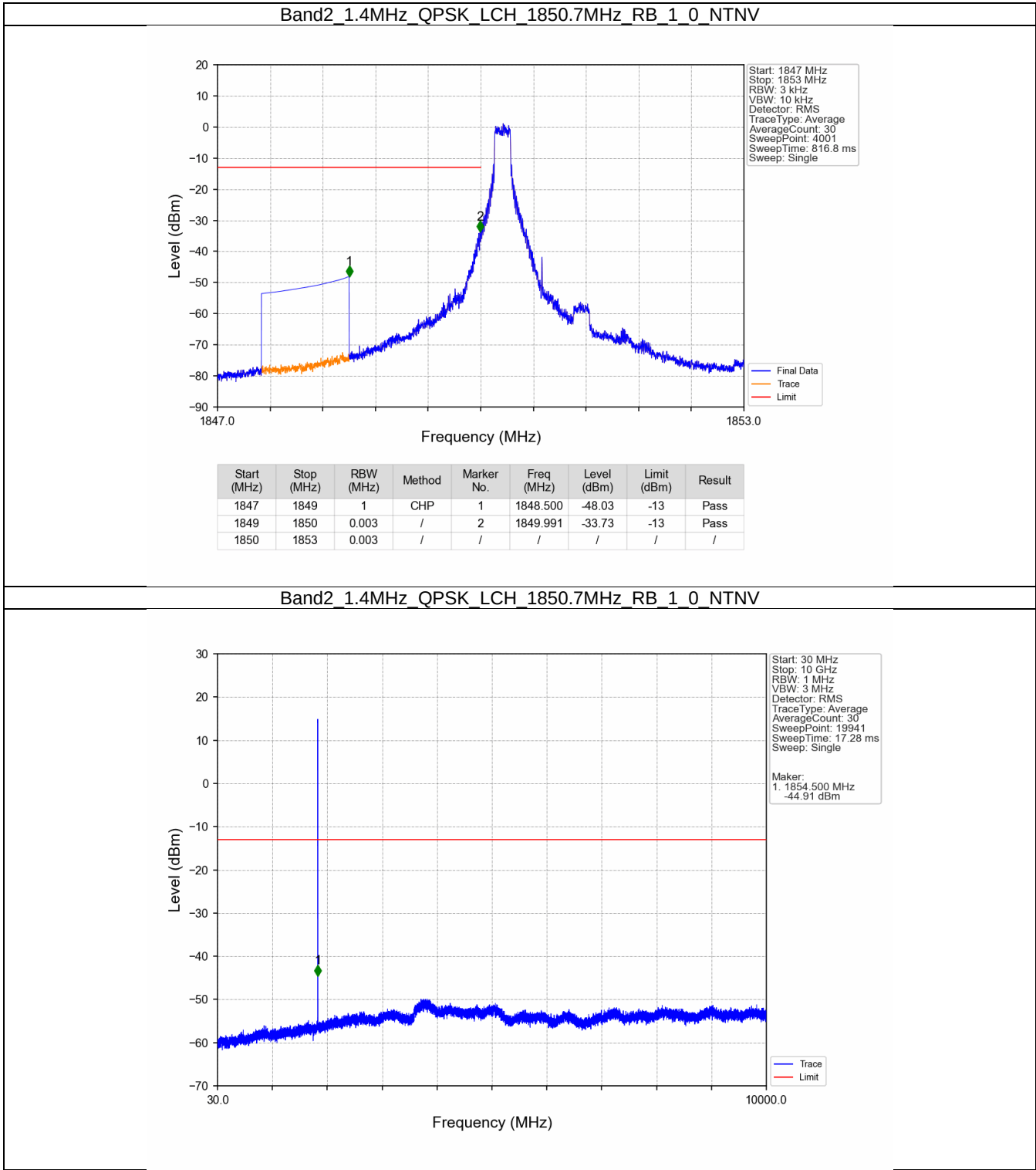
Band: 2 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To 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	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
64QAM	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	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B2_20MHz

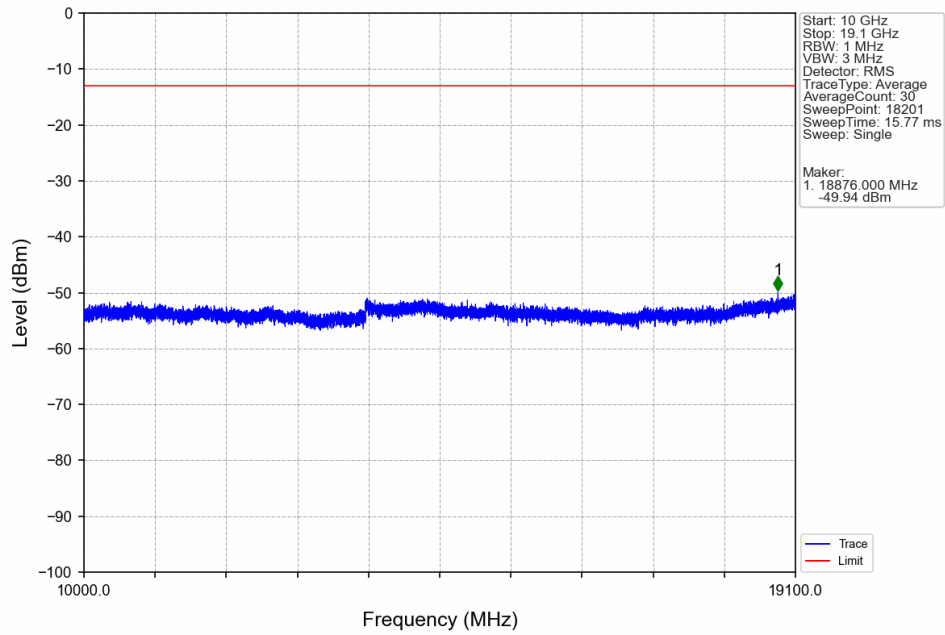
Band: 2 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test 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	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

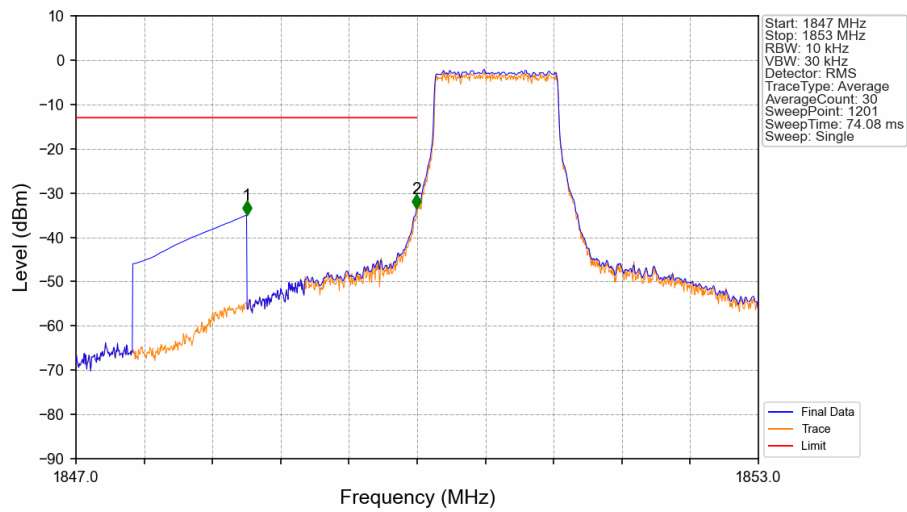
5.2.1 B2_1.4MHz



Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV

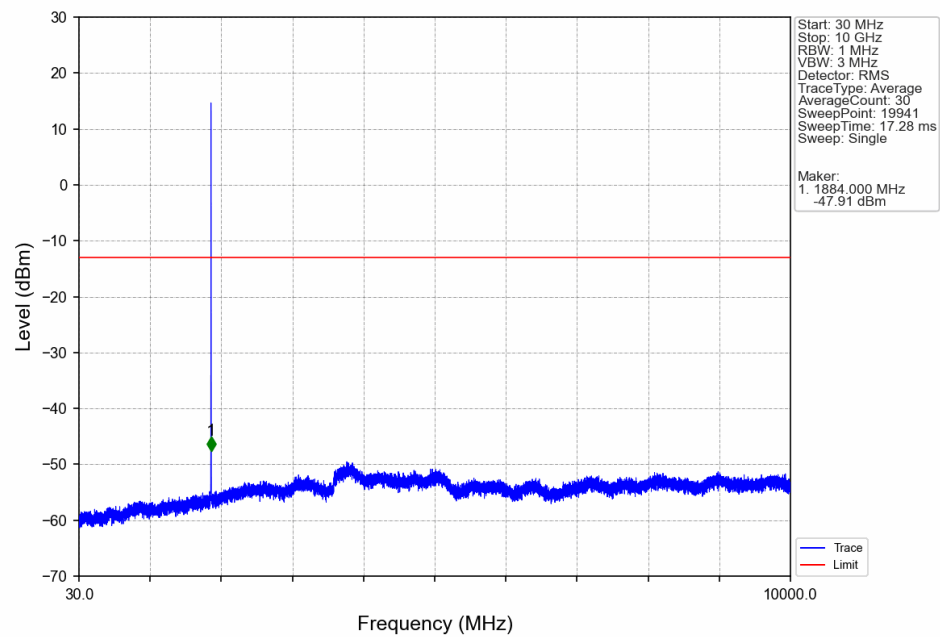


Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV

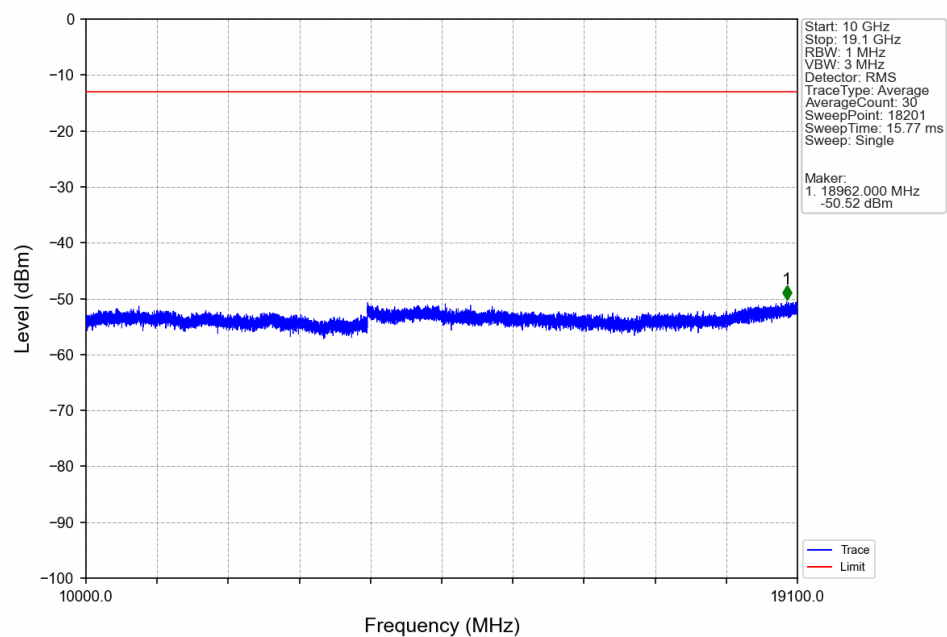


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-35.02	-13	Pass
1849	1850	0.014	CHP	2	1849.995	-33.44	-13	Pass
1850	1853	0.014	CHP	/	/	/	/	/

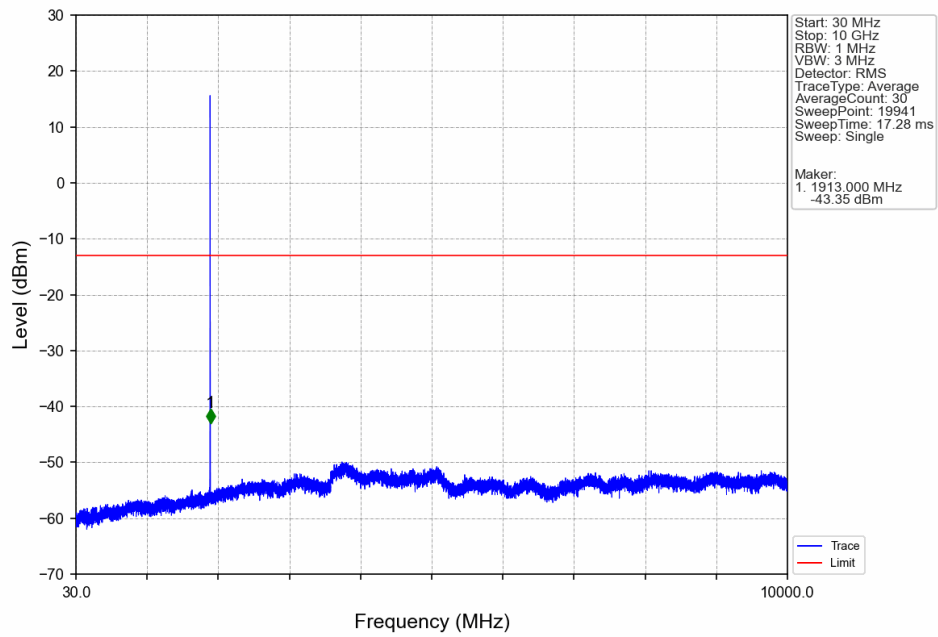
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



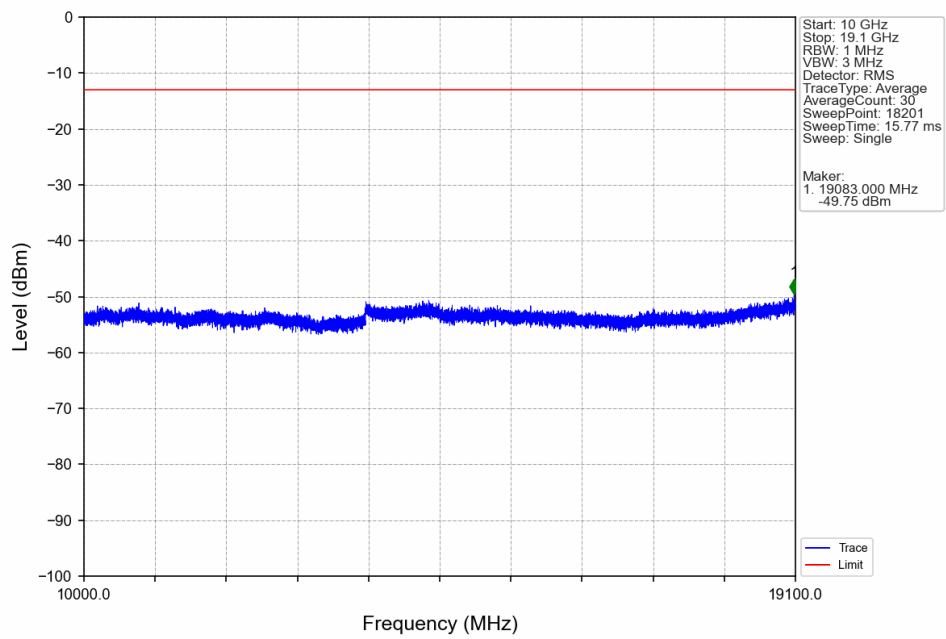
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



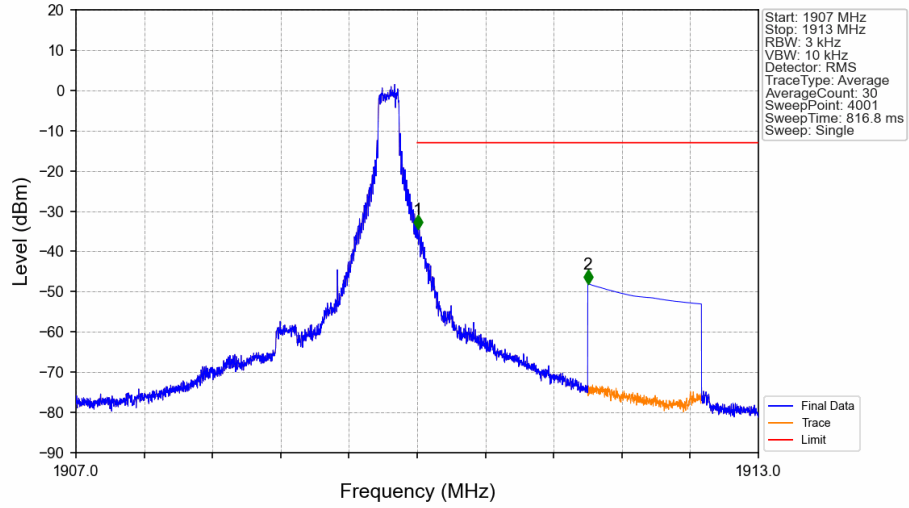
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV



Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV

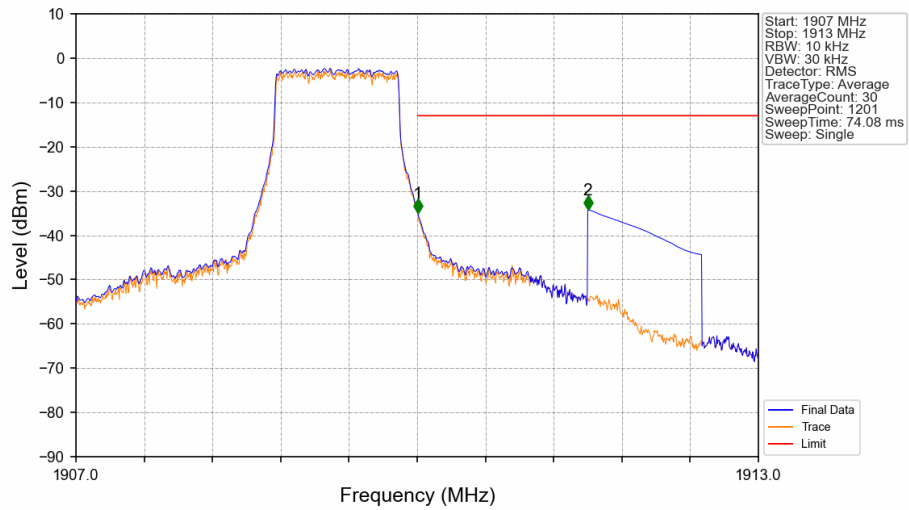


Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 5 NTV



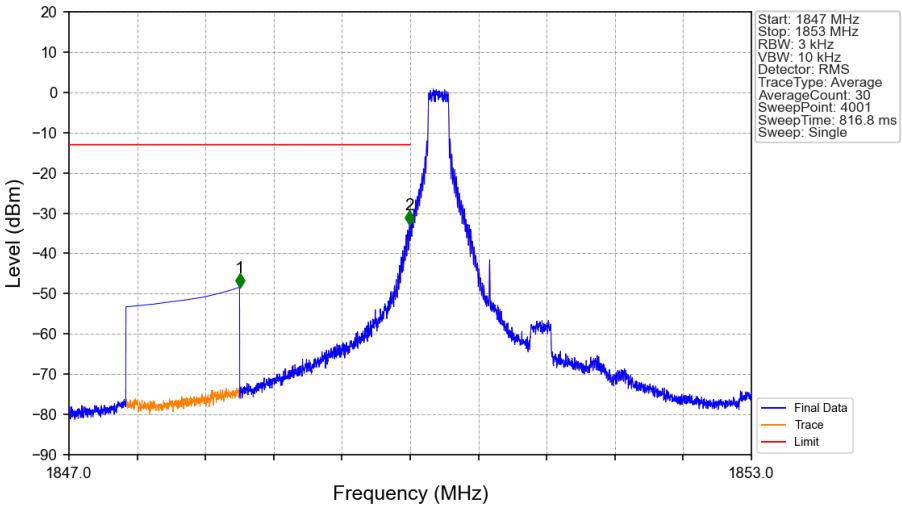
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-34.35	-13	Pass
1911	1913	1	CHP	2	1911.500	-48.01	-13	Pass

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.014	CHP	/	/	/	/	/
1910	1911	0.014	CHP	1	1910.005	-34.86	-13	Pass
1911	1913	1	CHP	2	1911.500	-34.14	-13	Pass

Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-48.41	-13	Pass
1849	1850	0.003	/	2	1849.995	-32.93	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV

