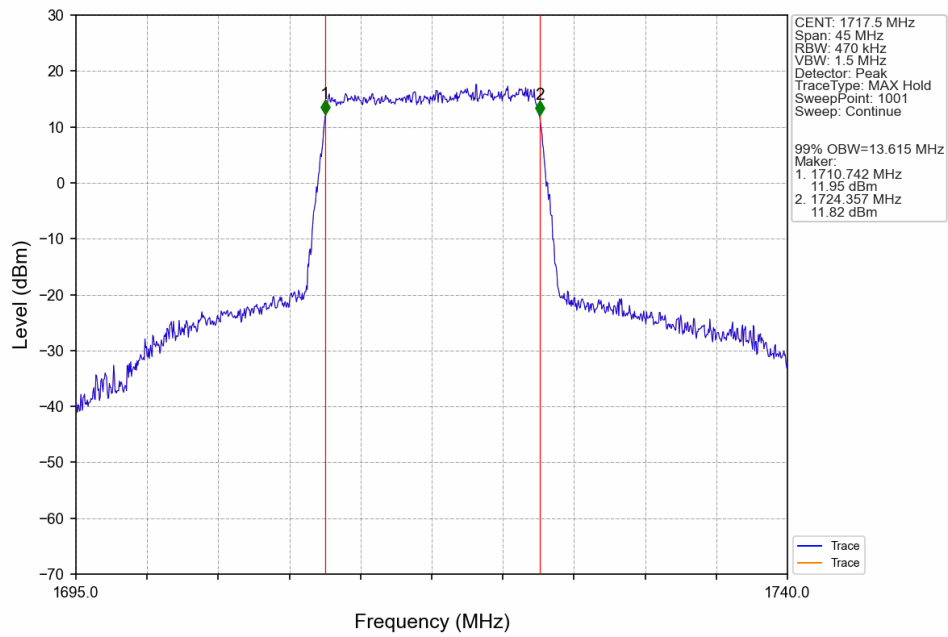
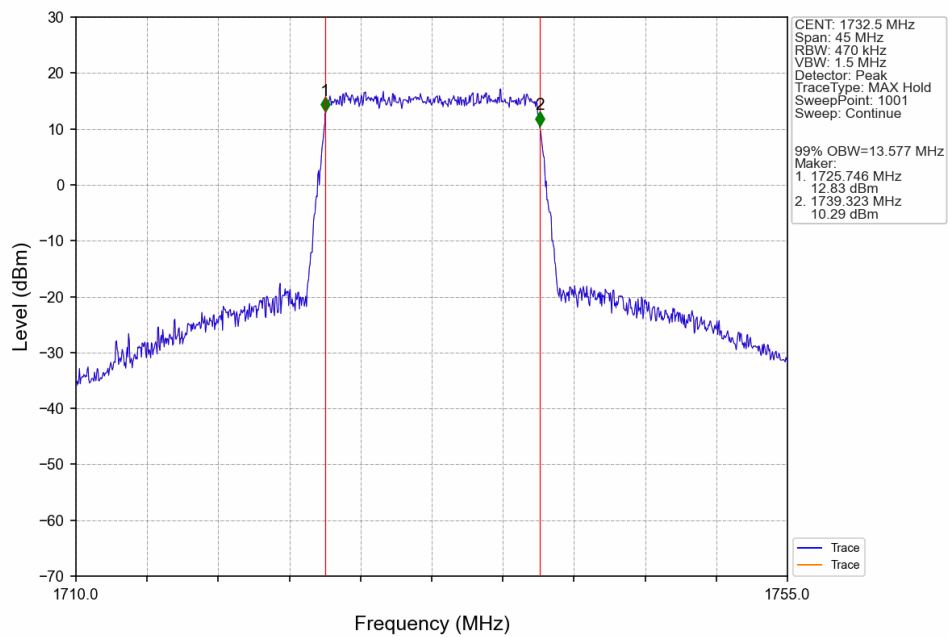


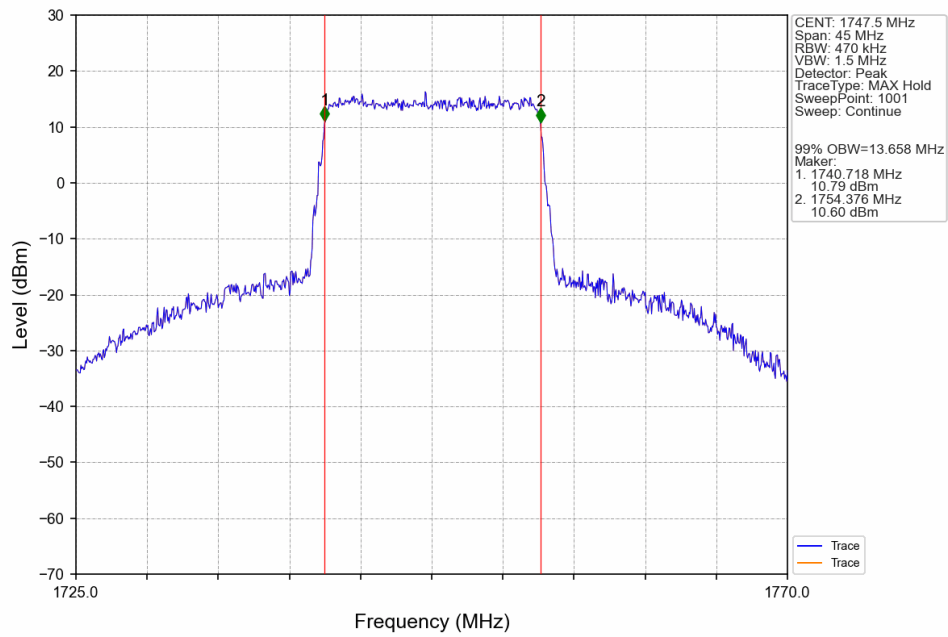
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



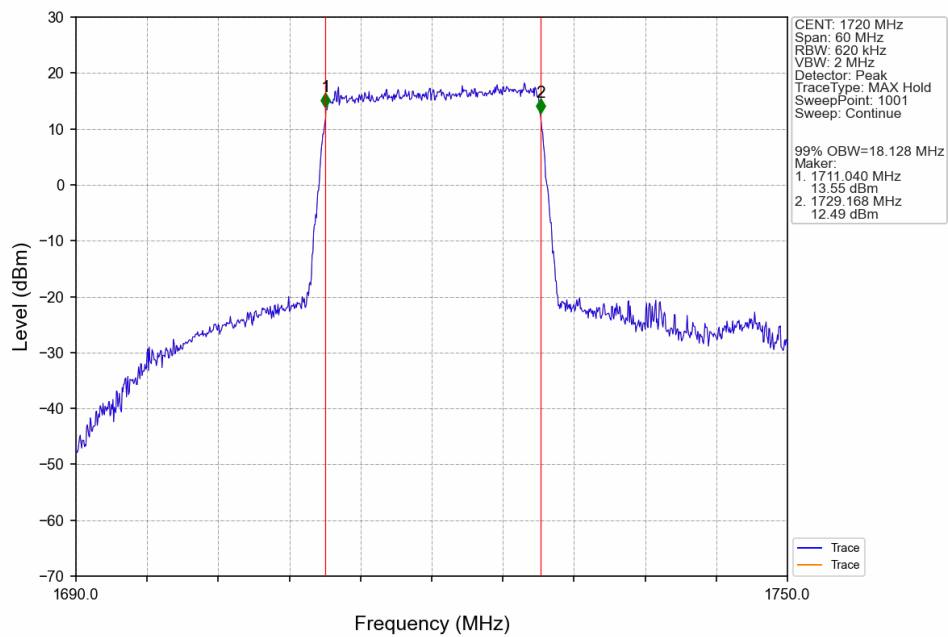
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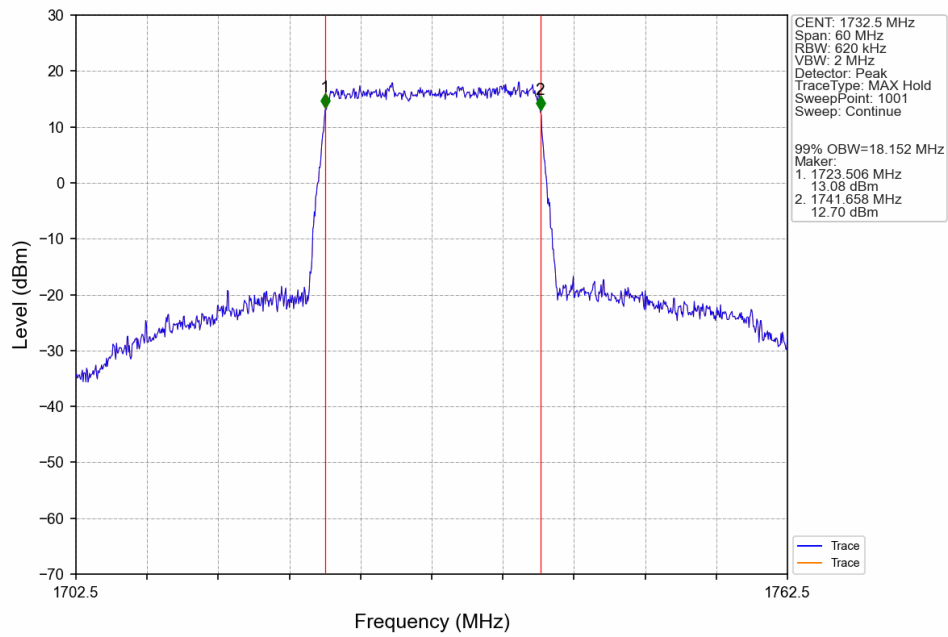
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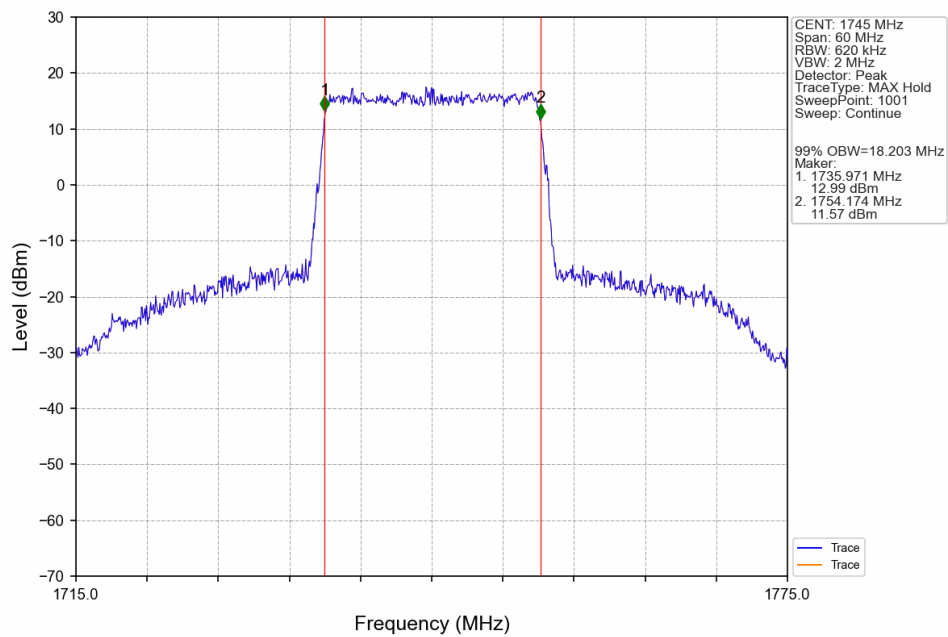
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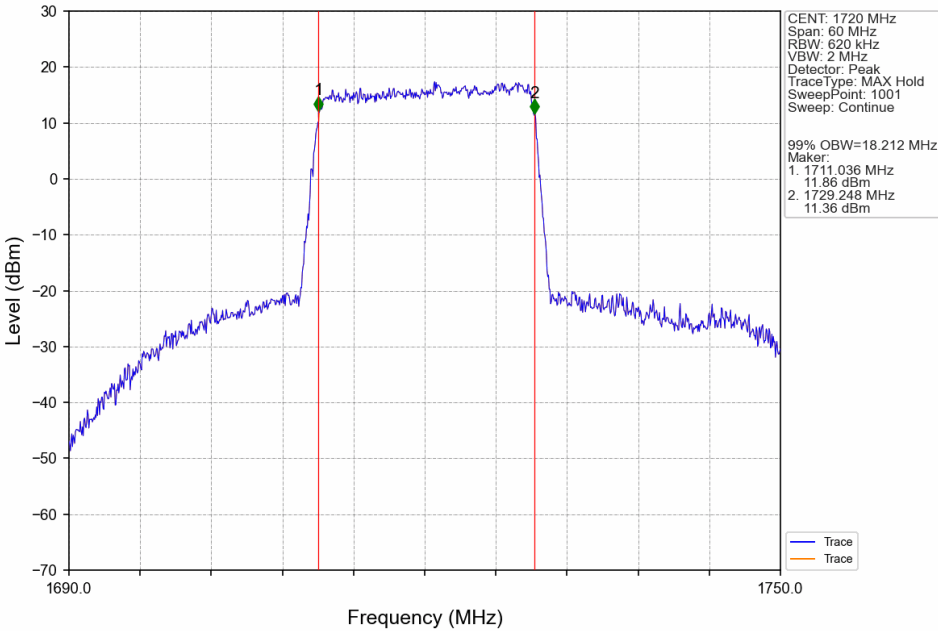
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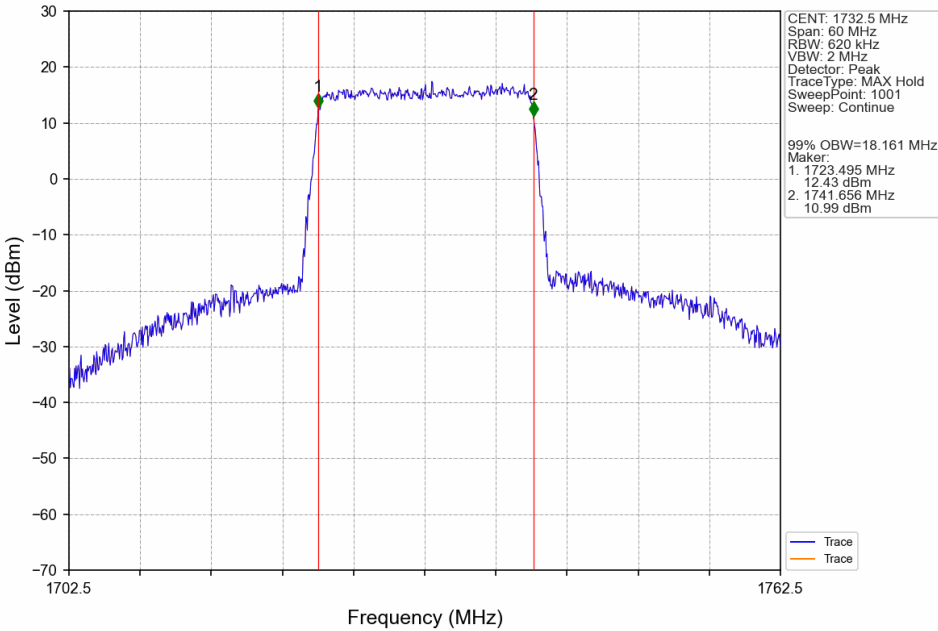
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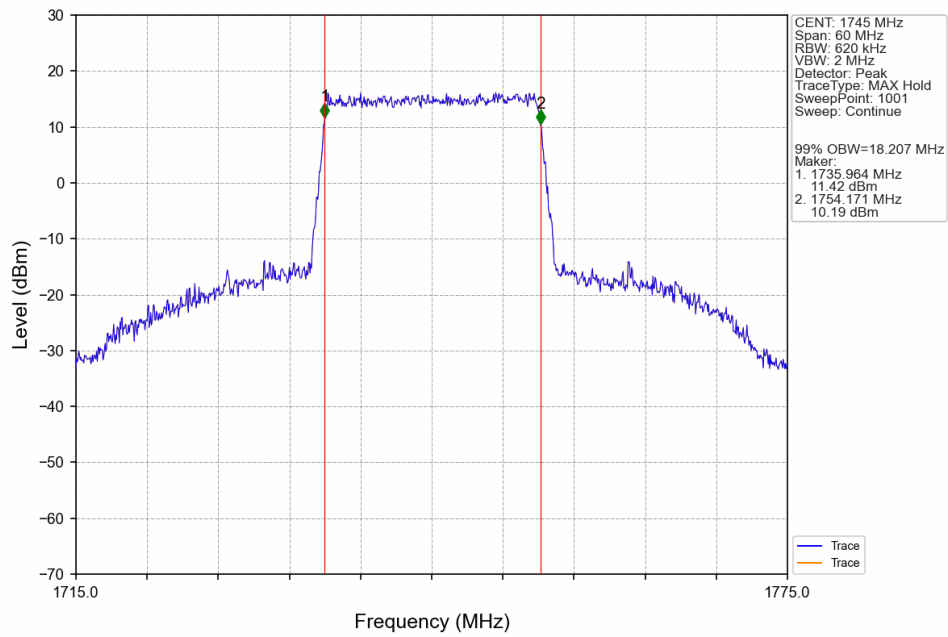
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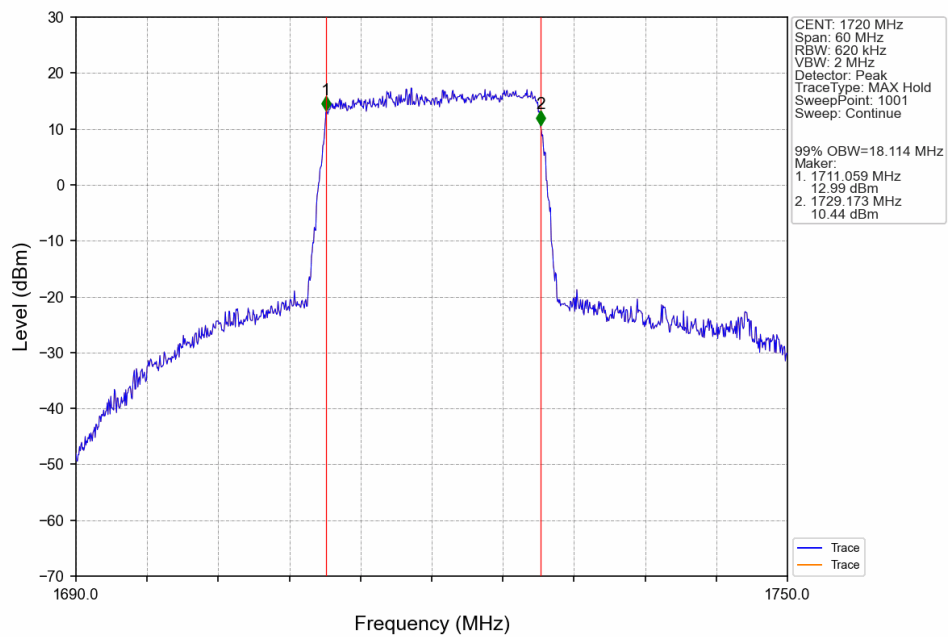
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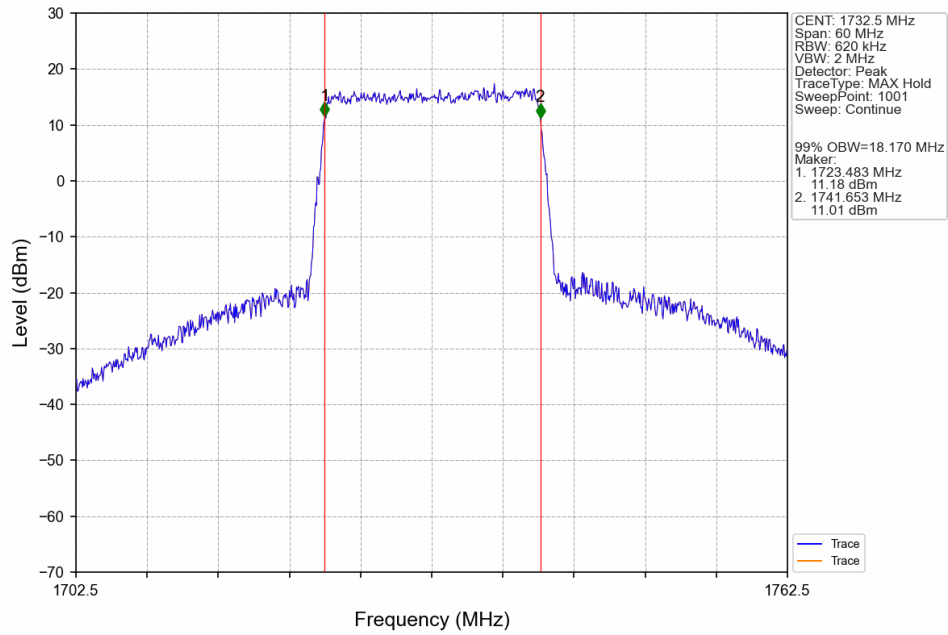
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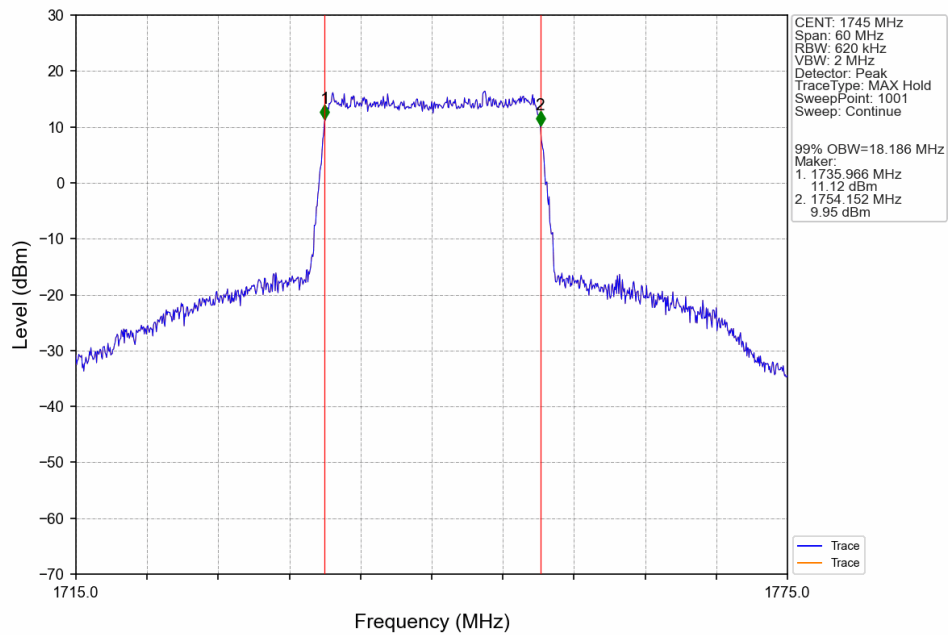
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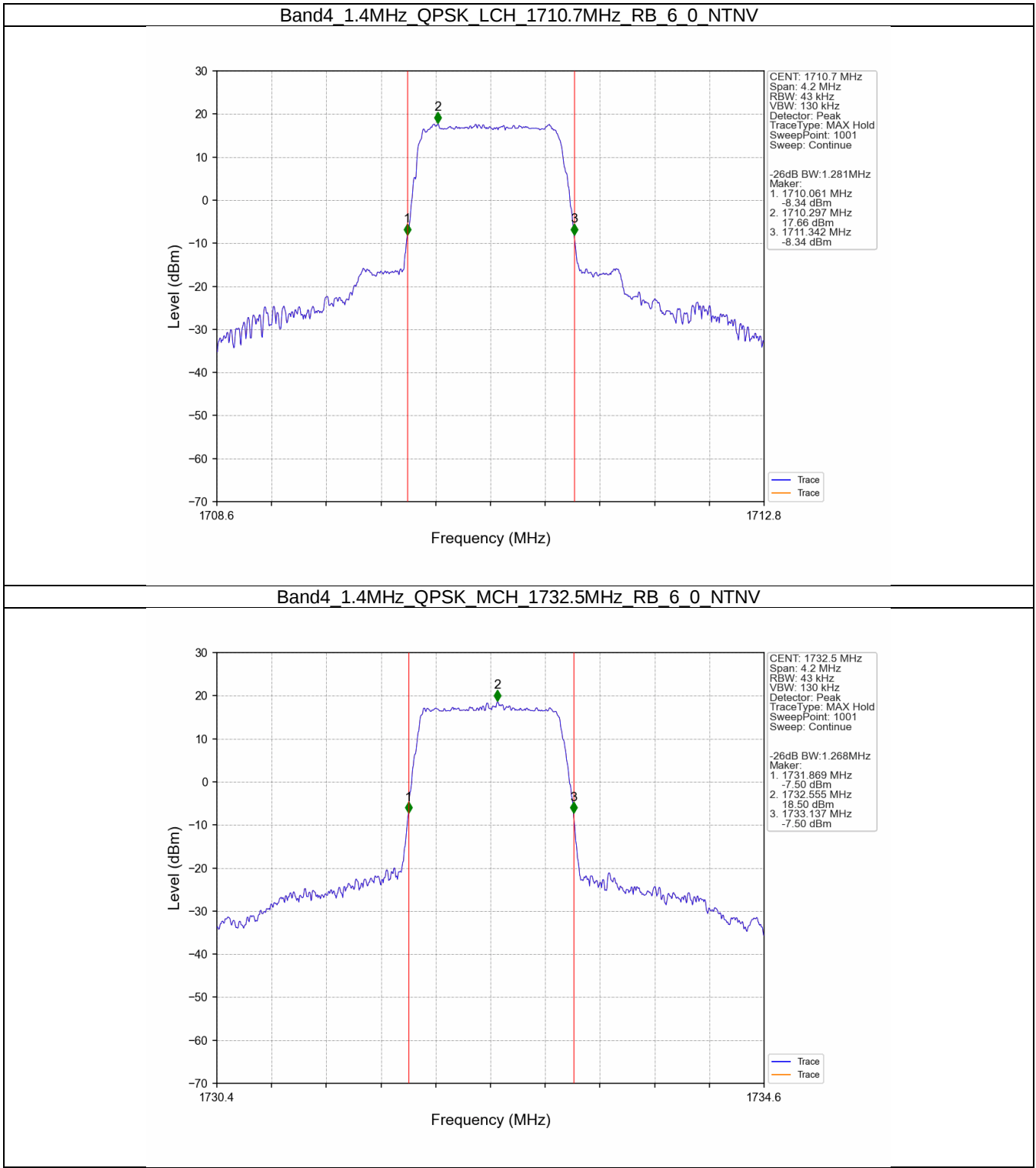
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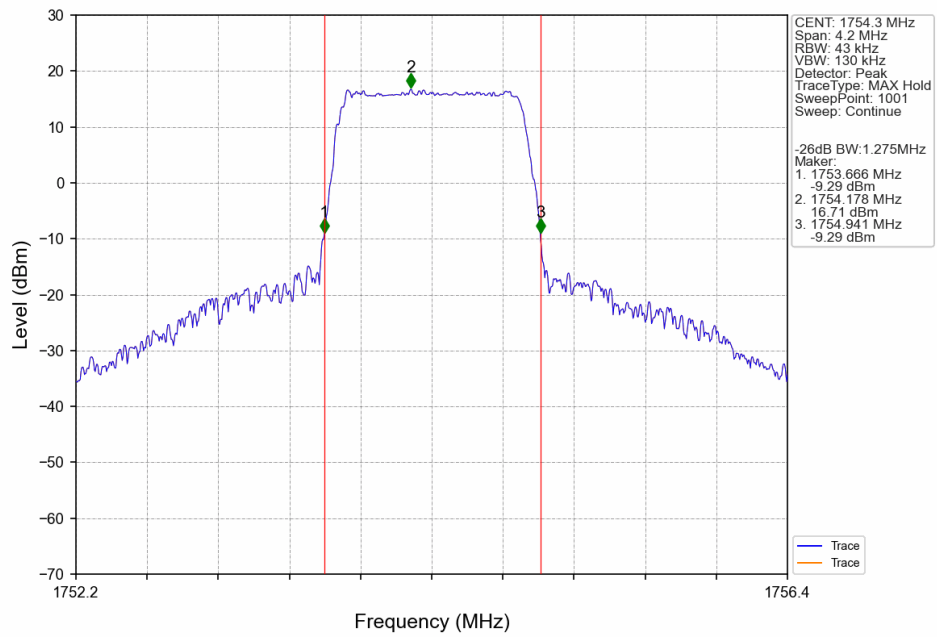
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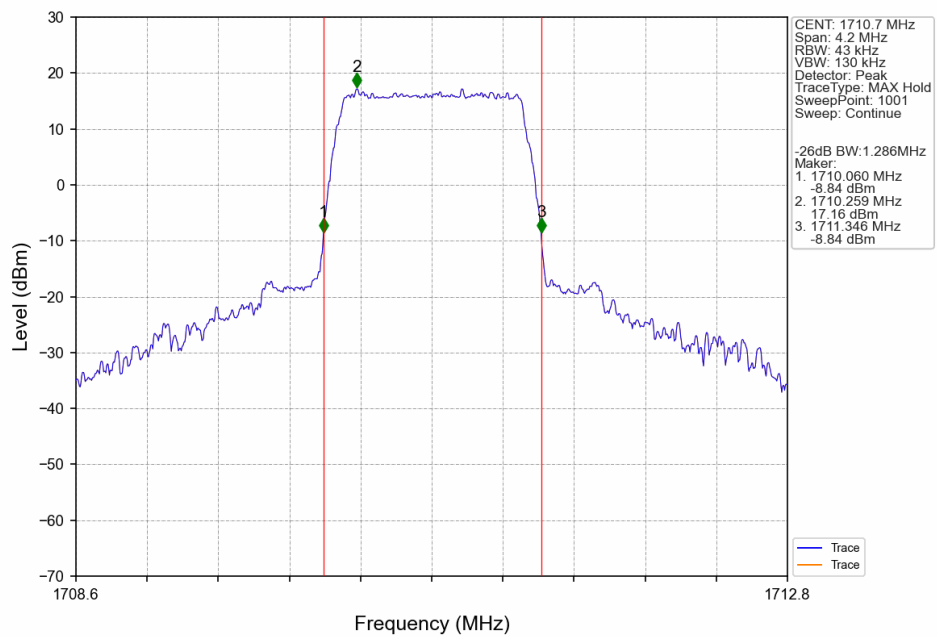
3.2.2 Band4_XDB



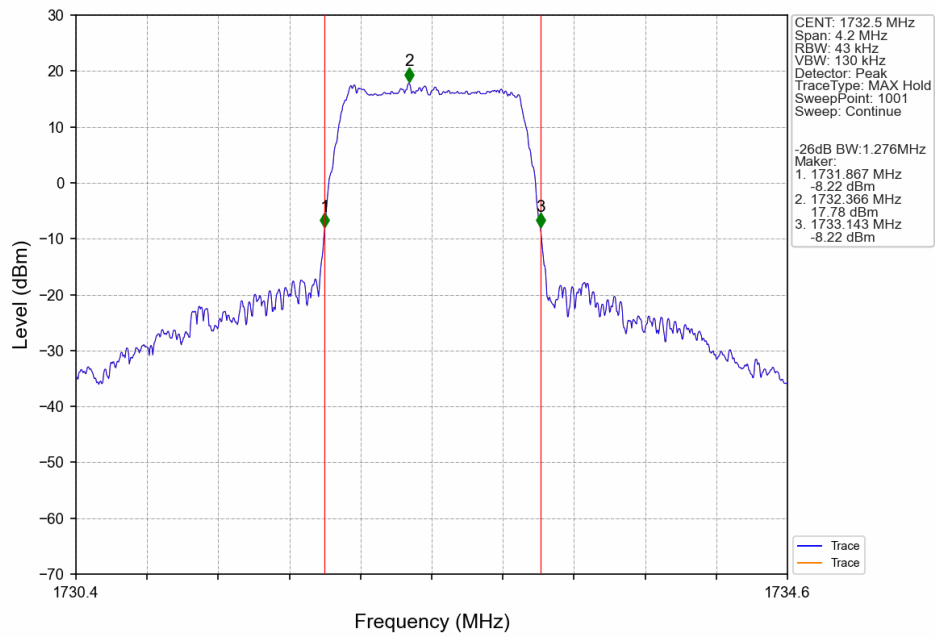
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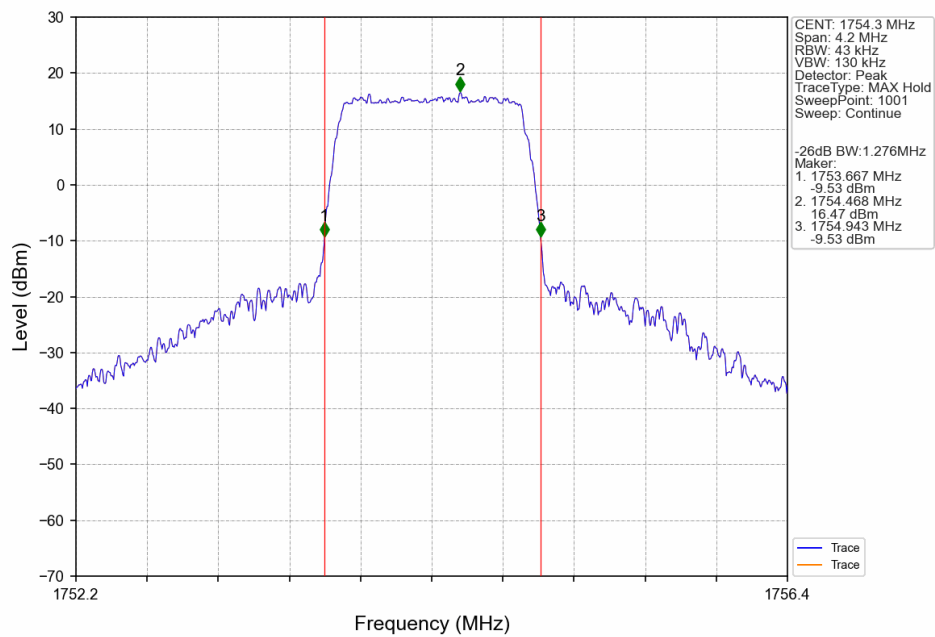
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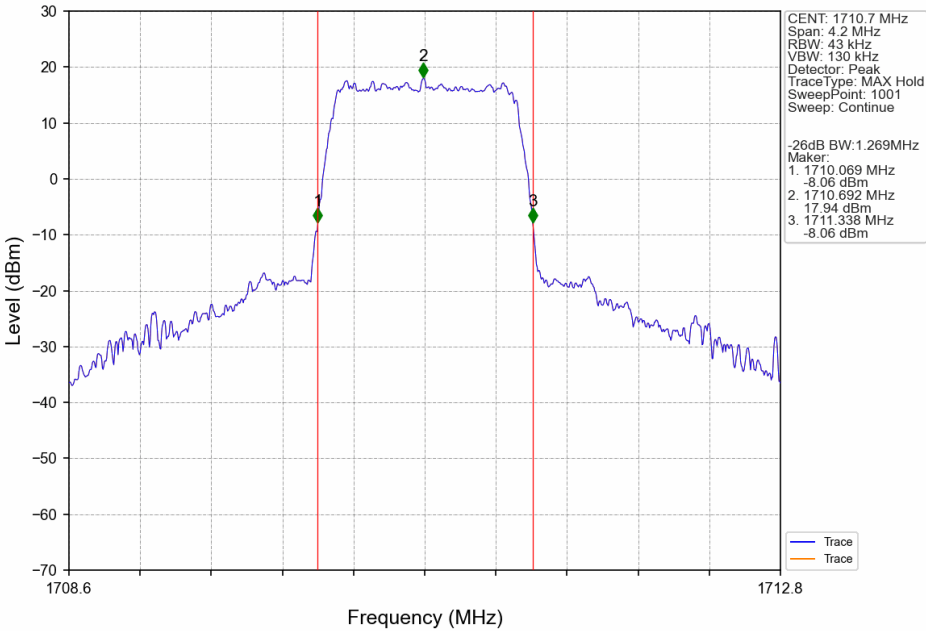
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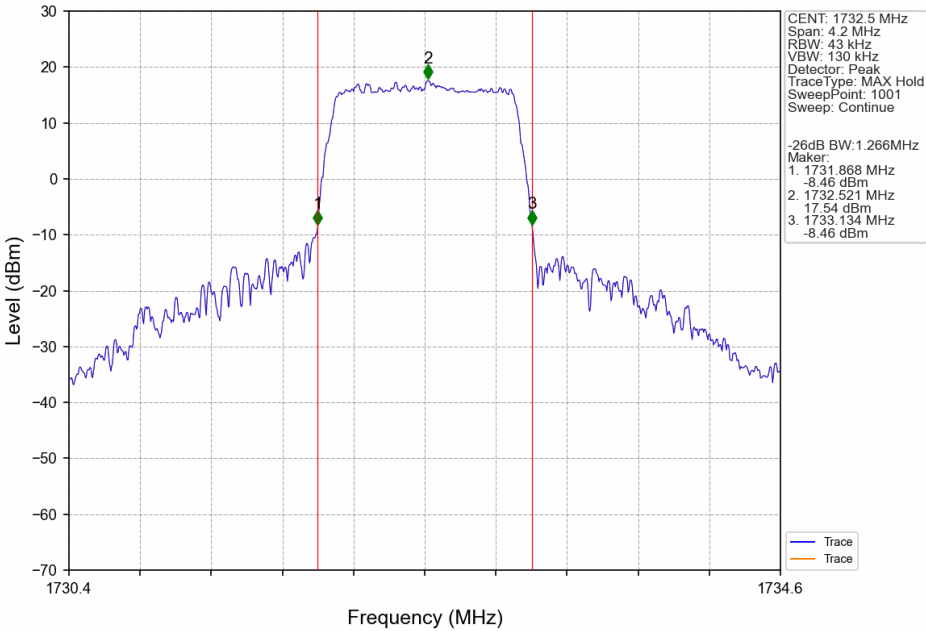
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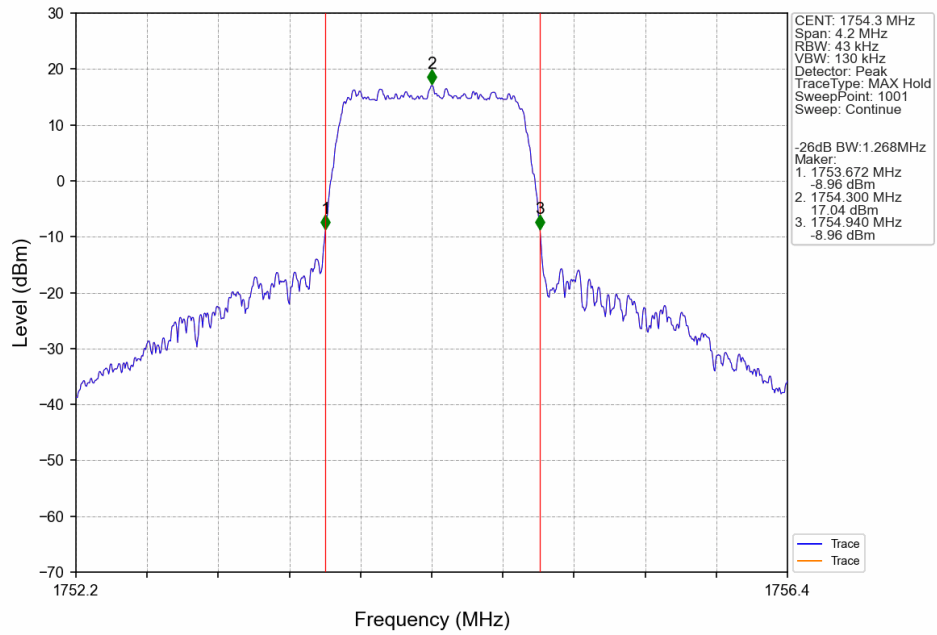
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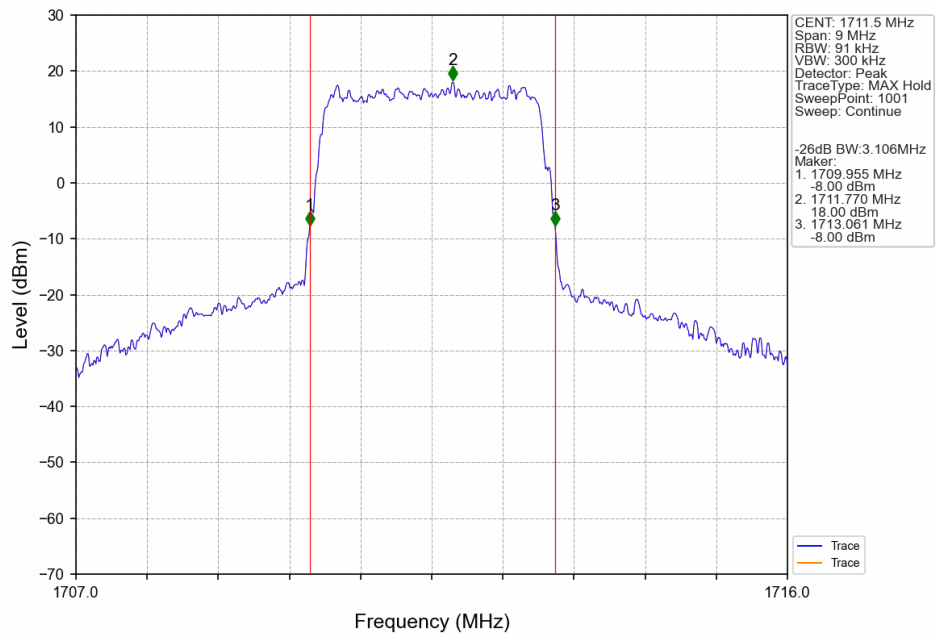
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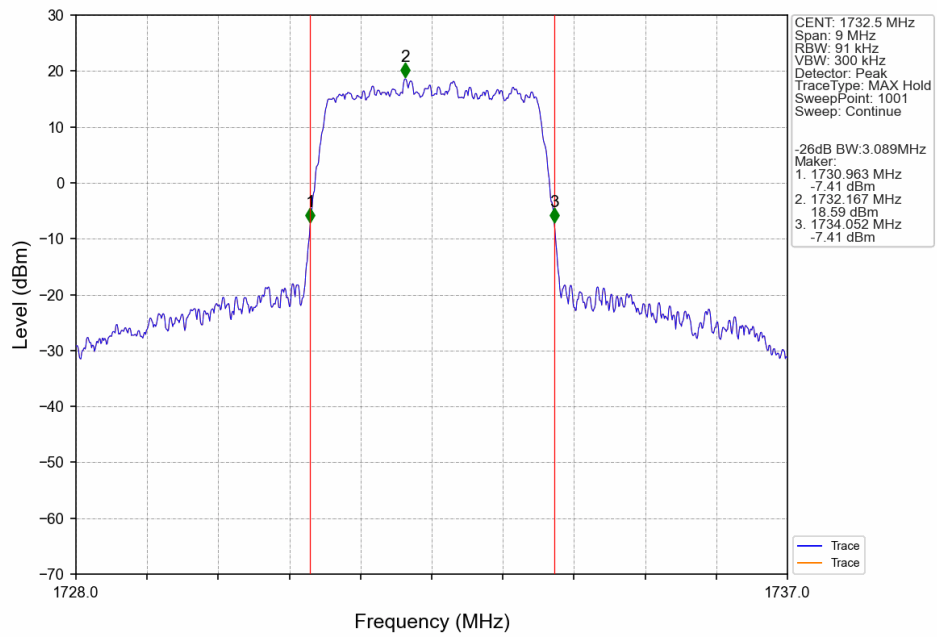
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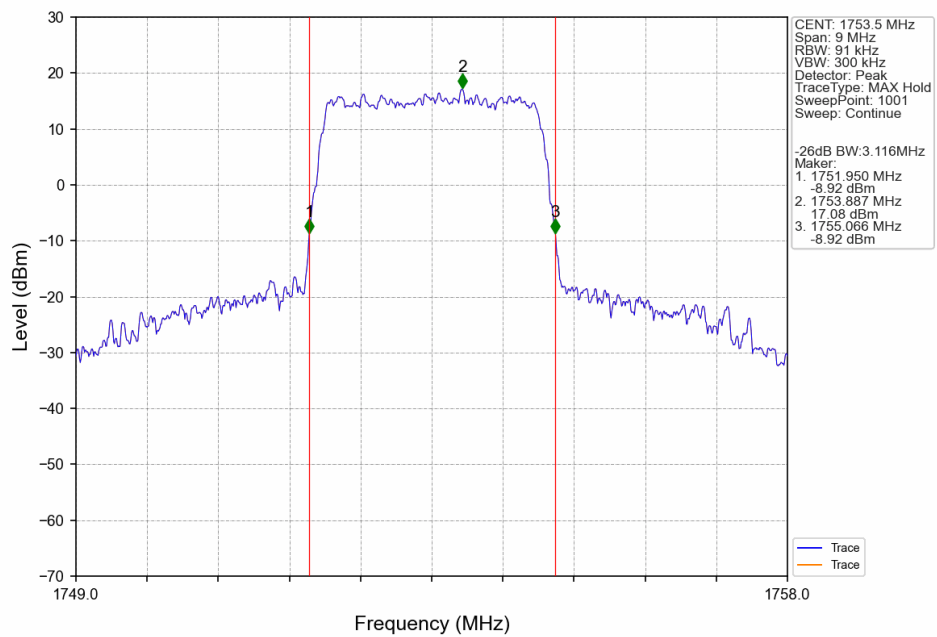
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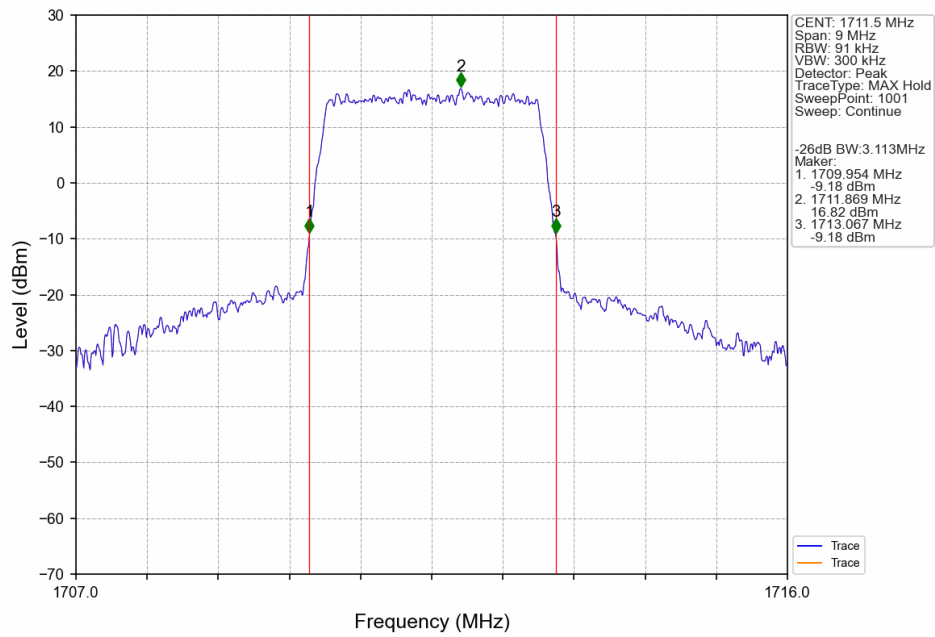
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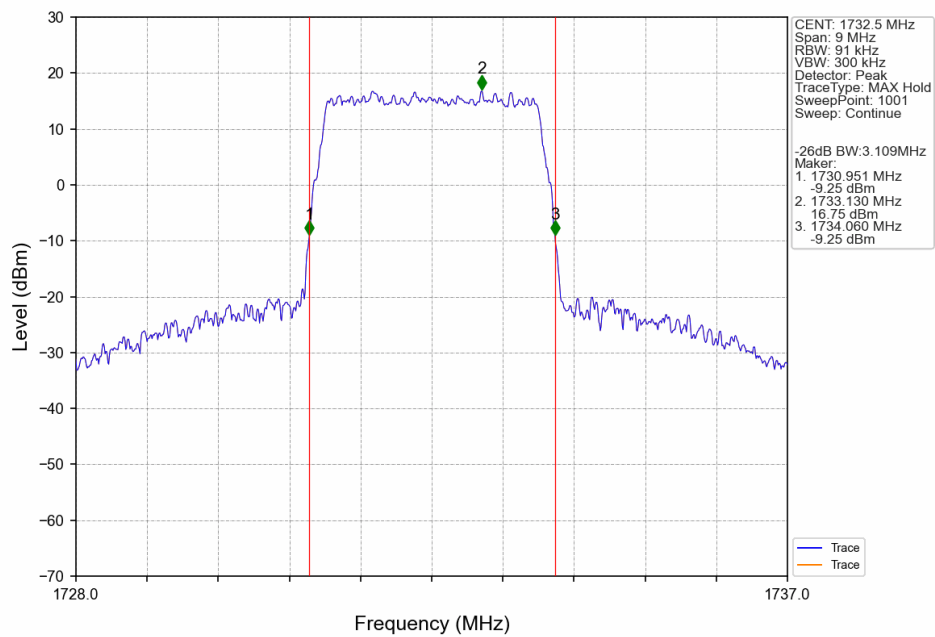
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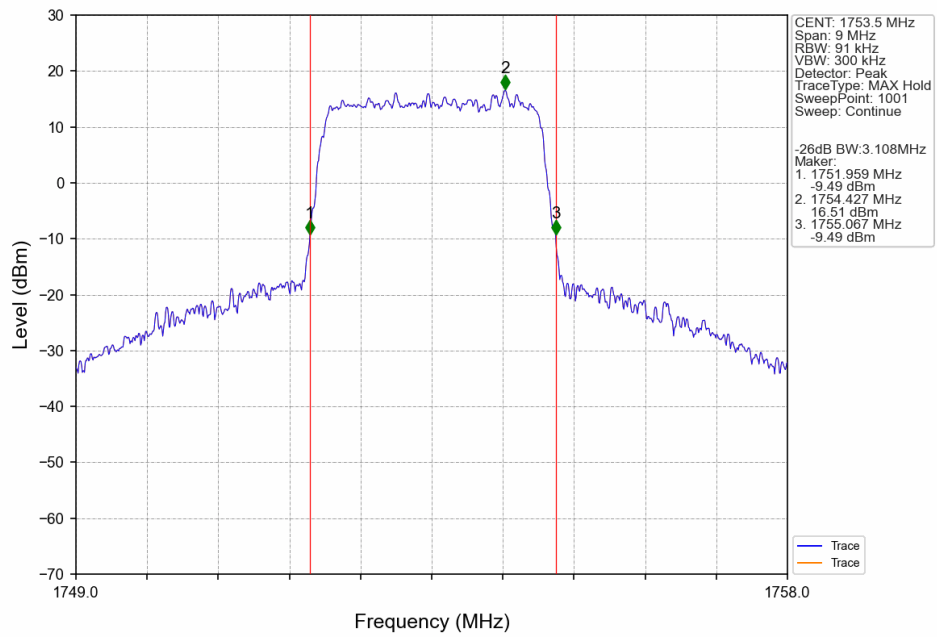
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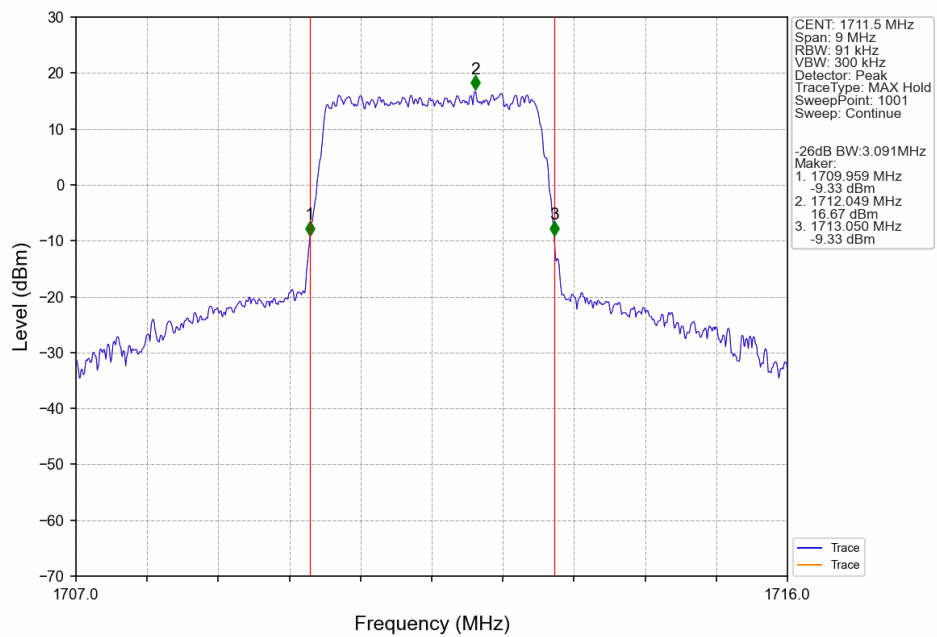
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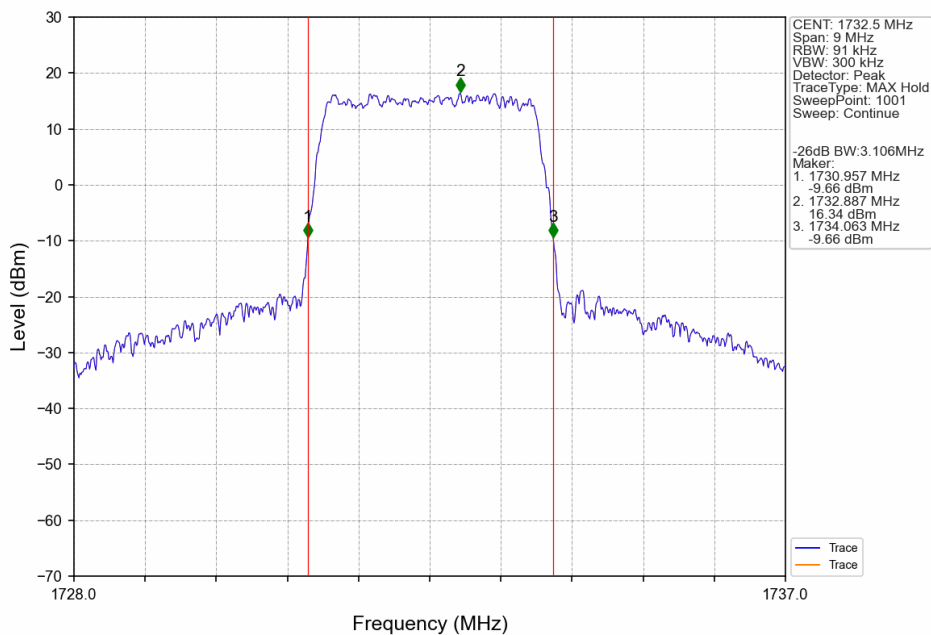
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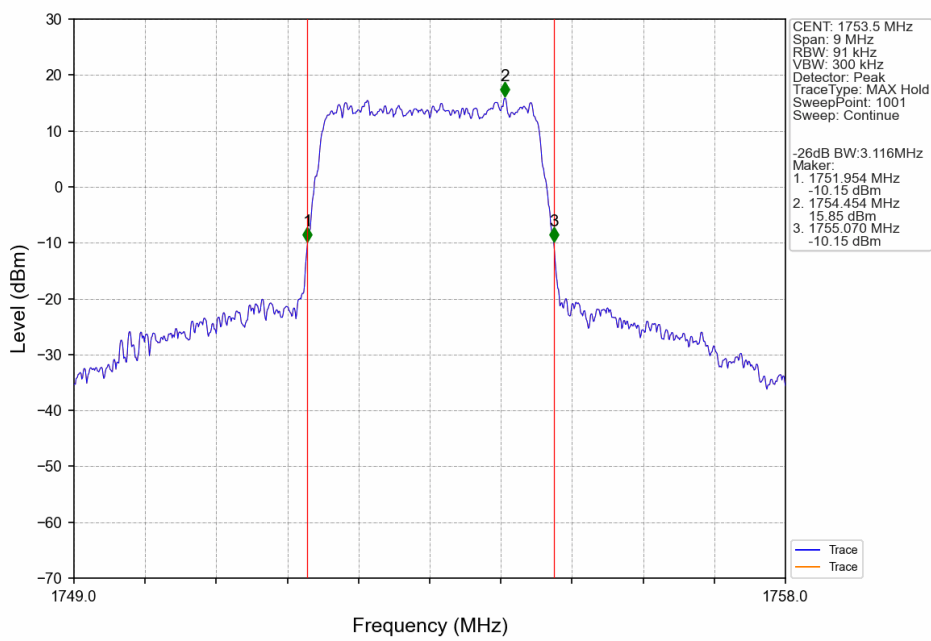
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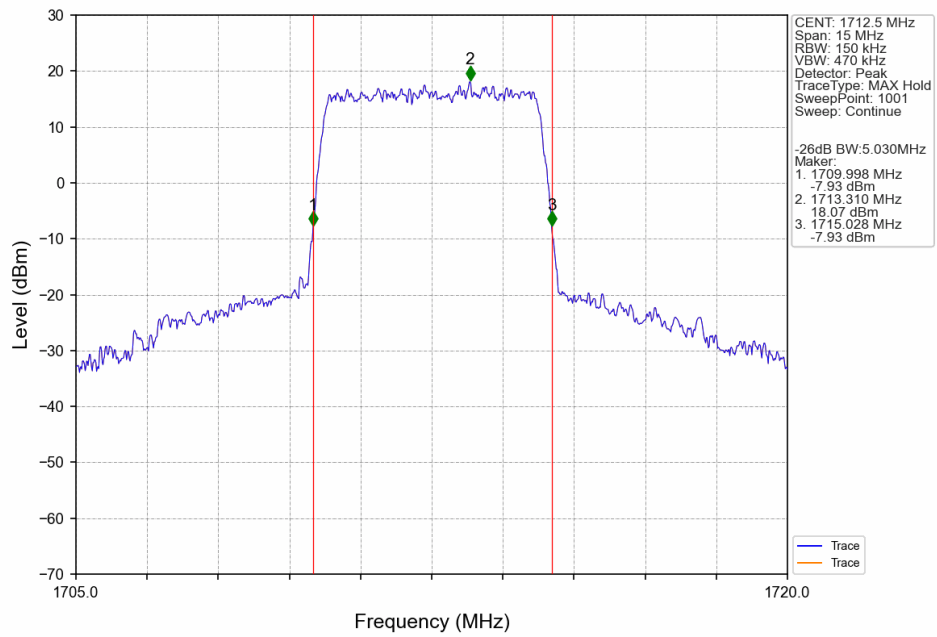
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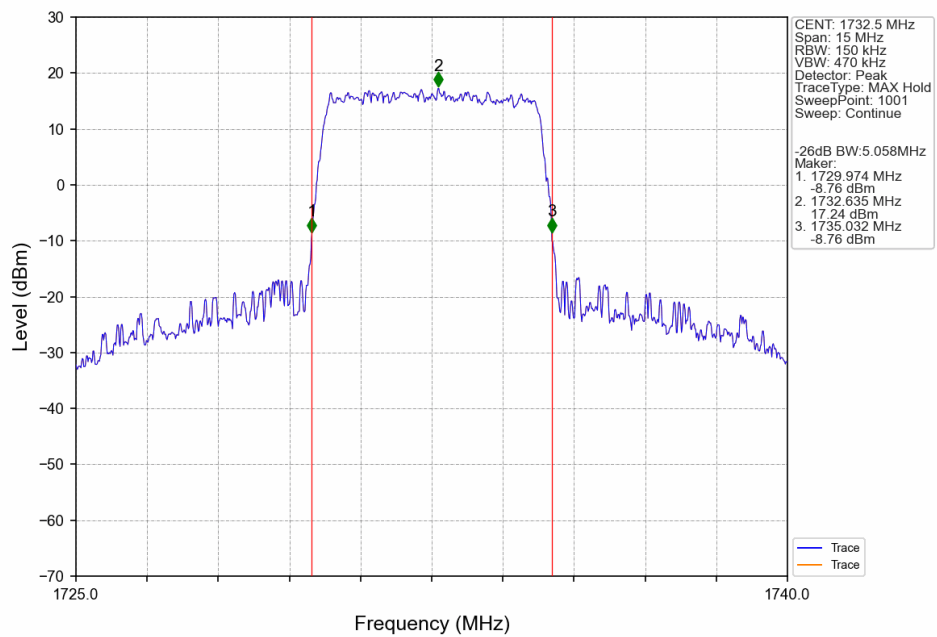
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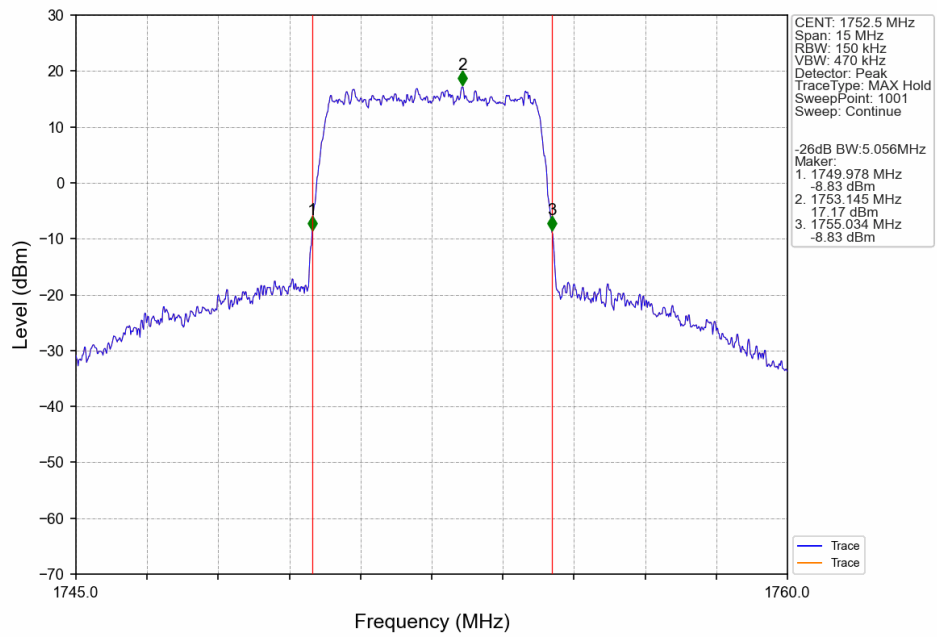
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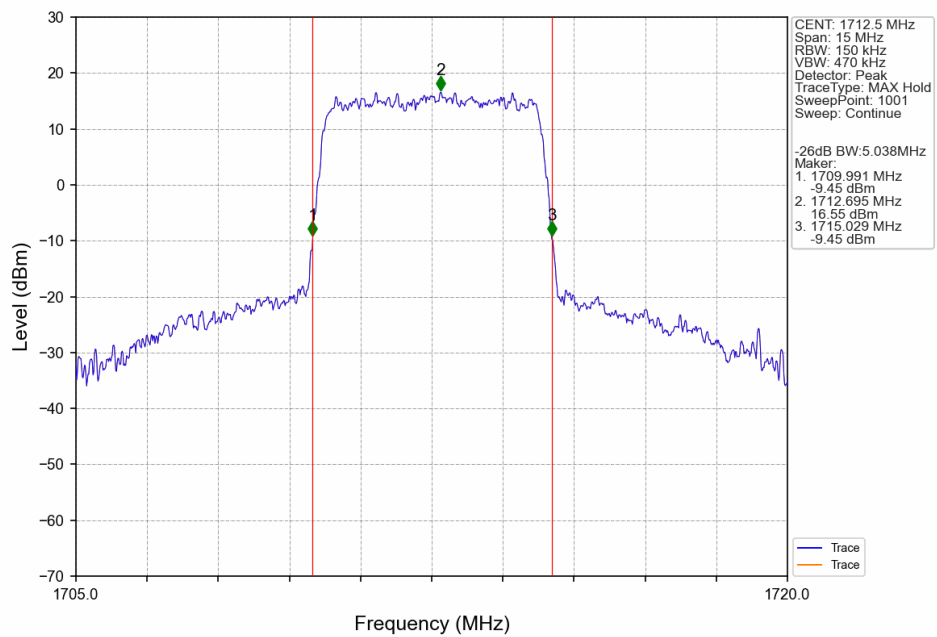
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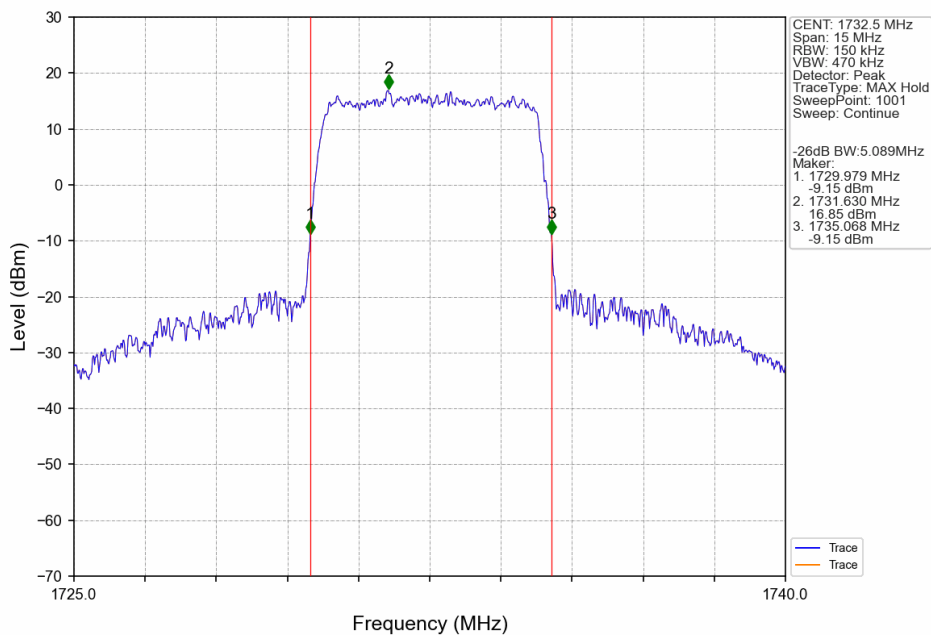
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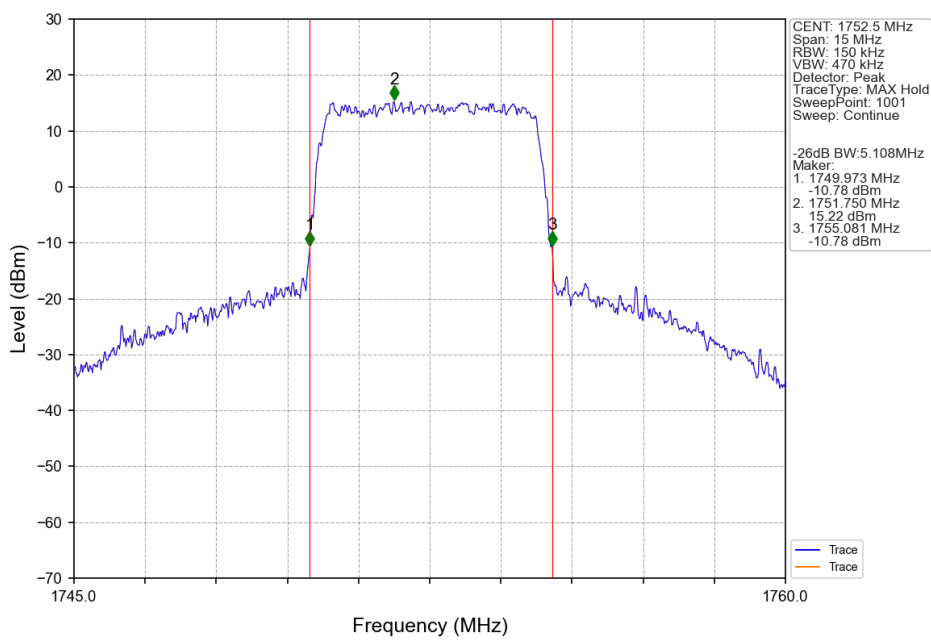
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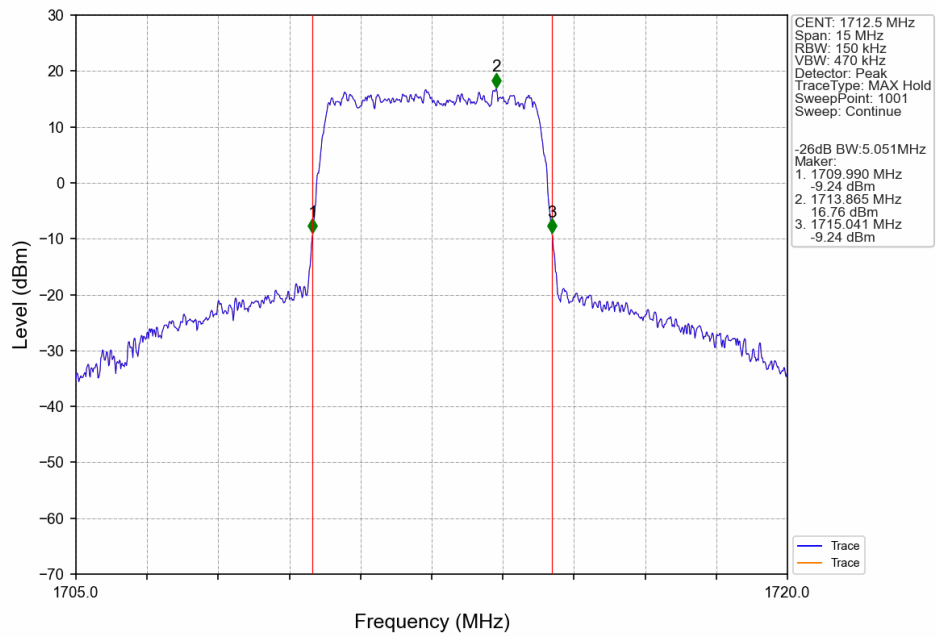
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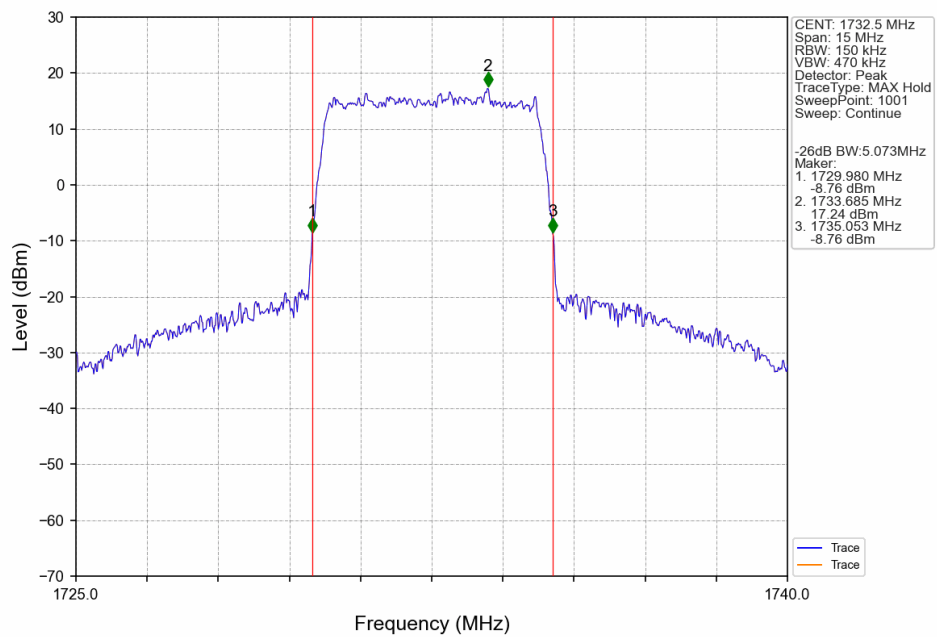
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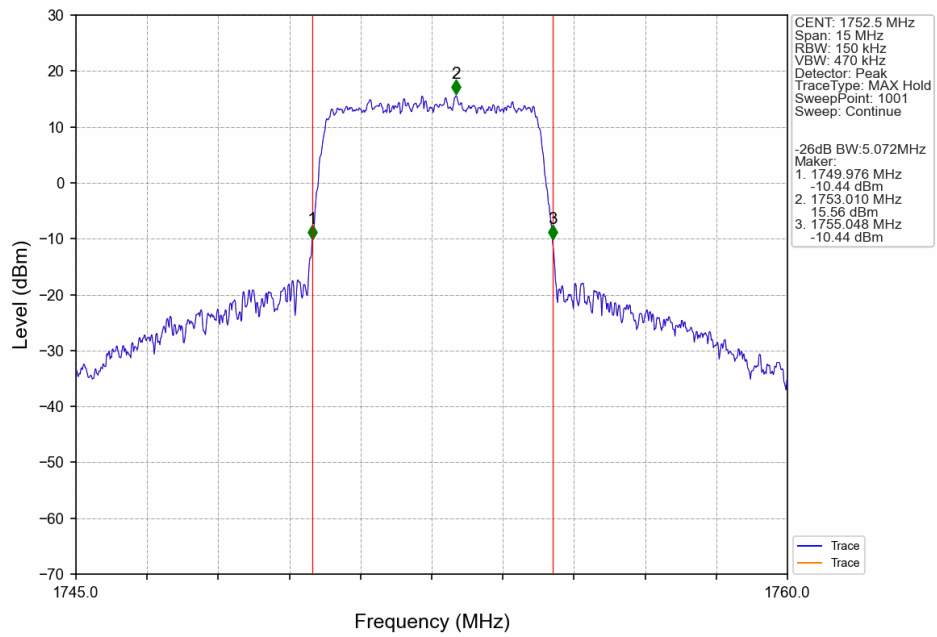
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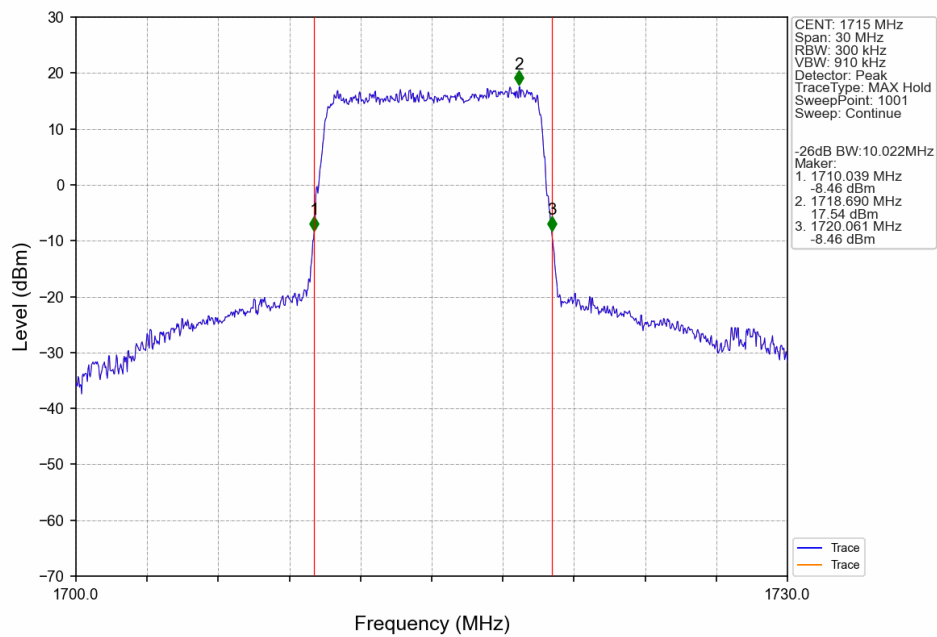
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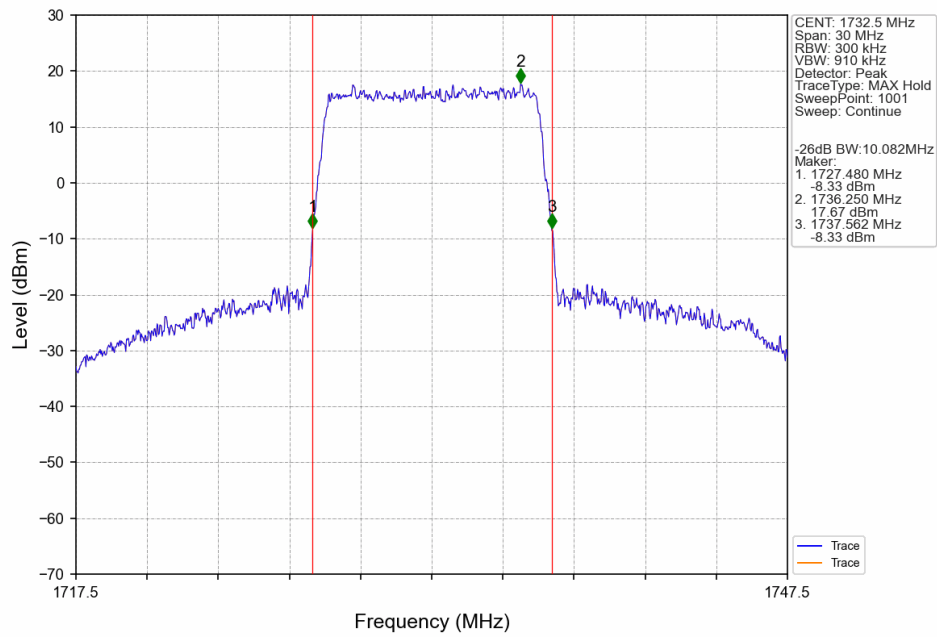
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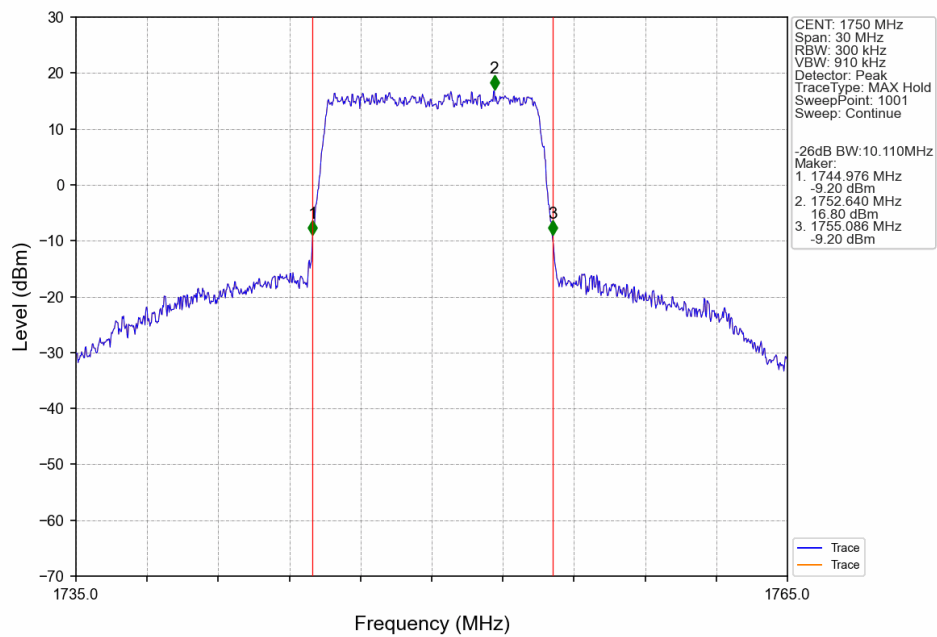
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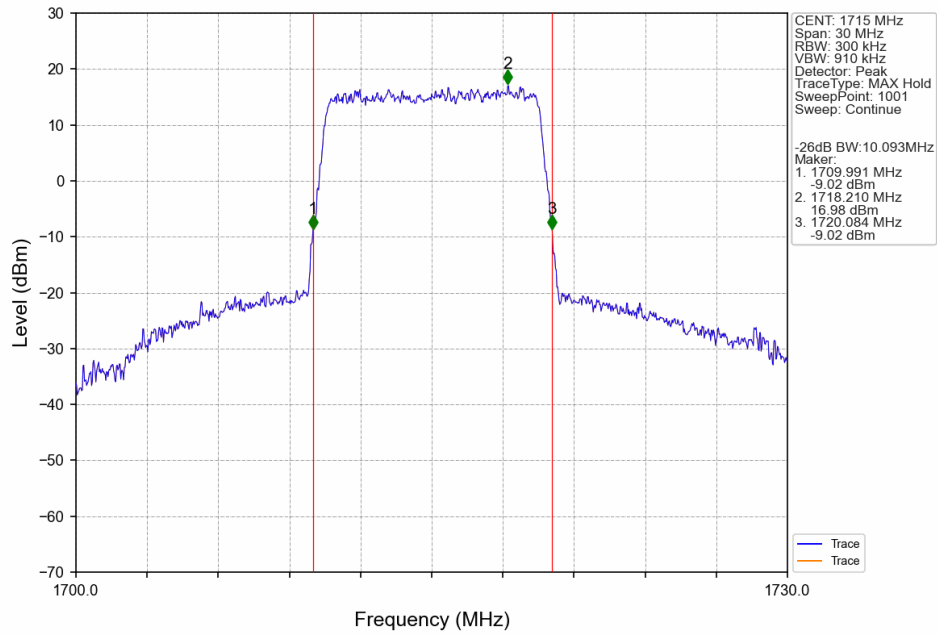
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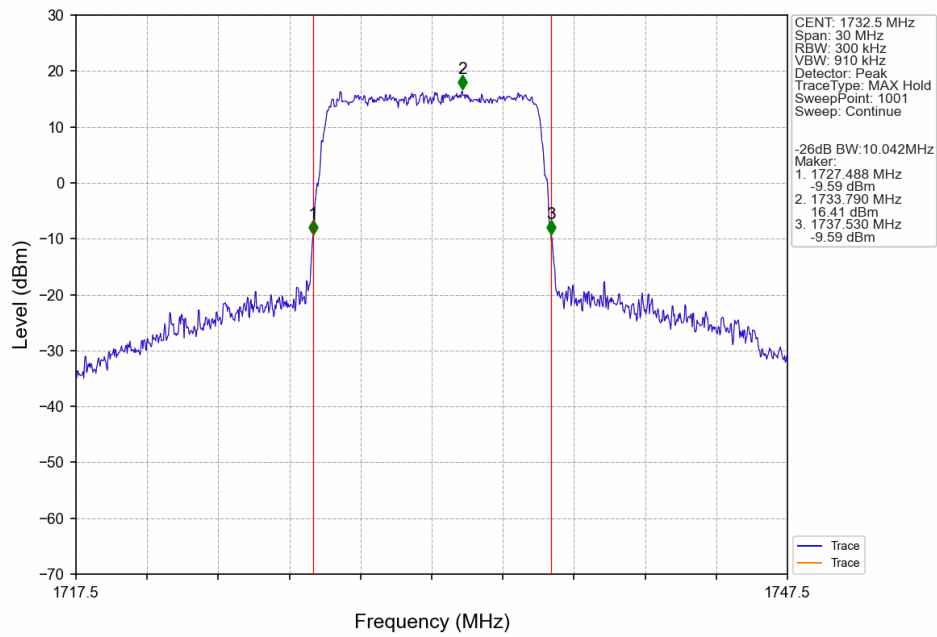
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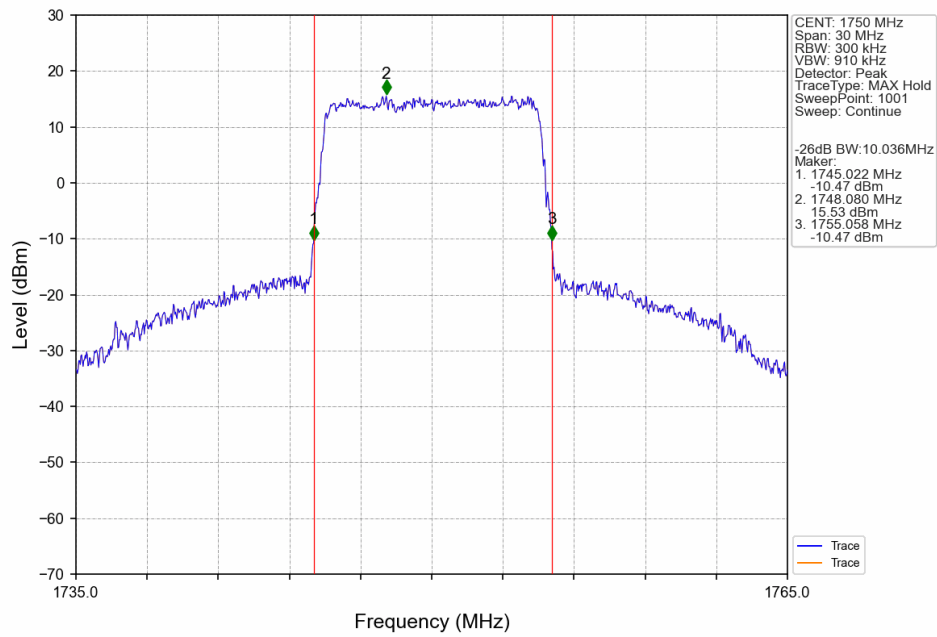
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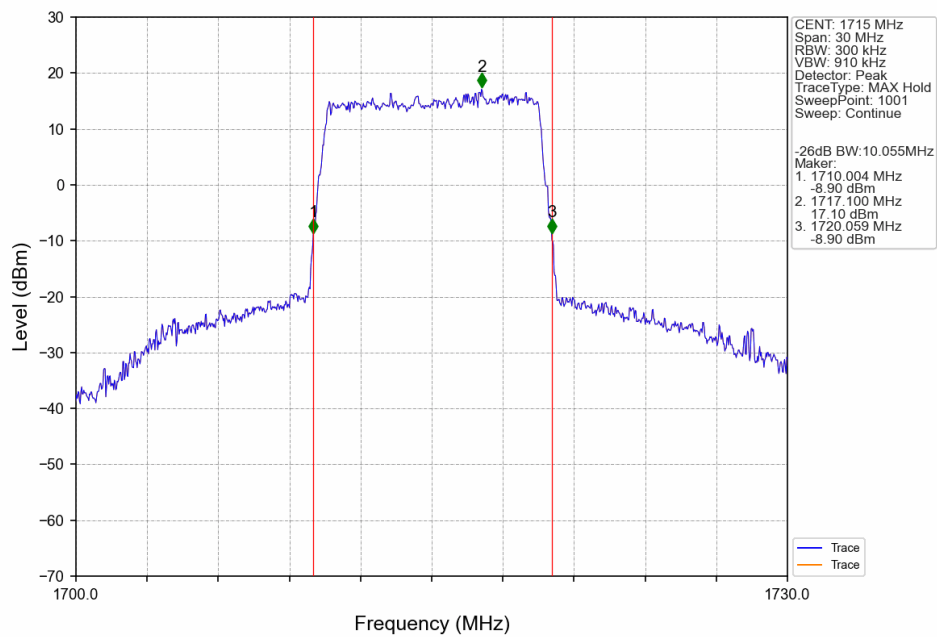
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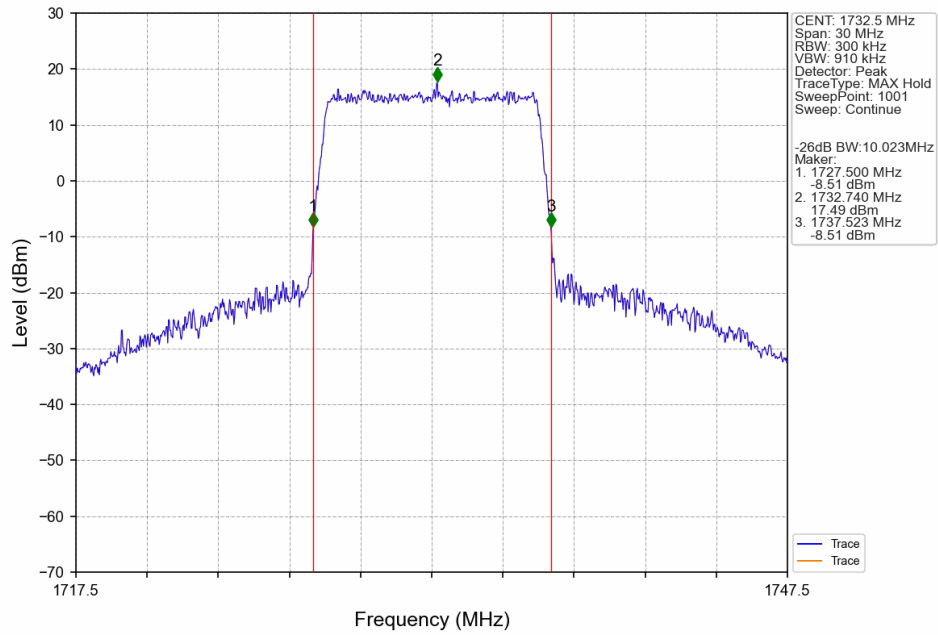
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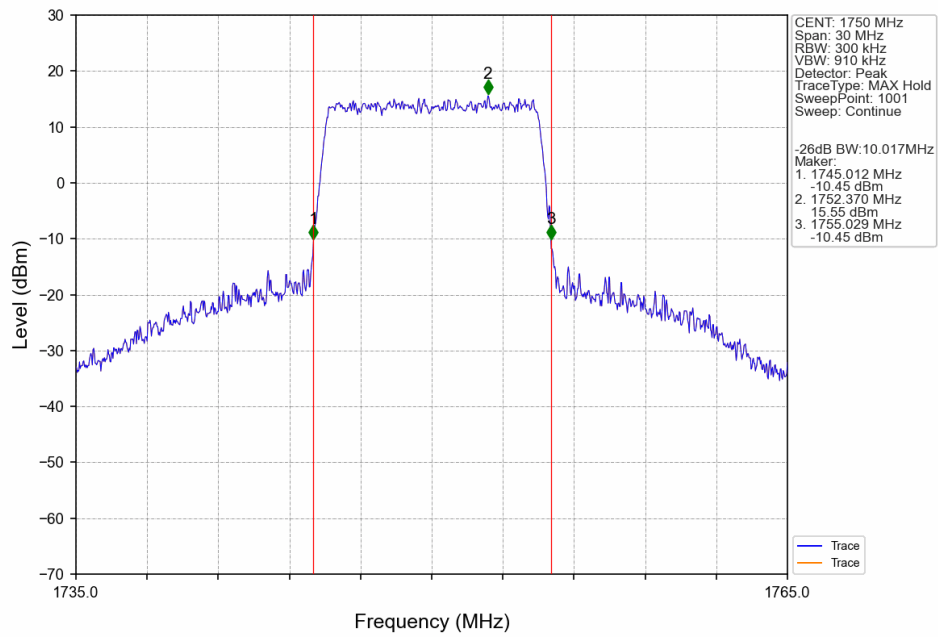
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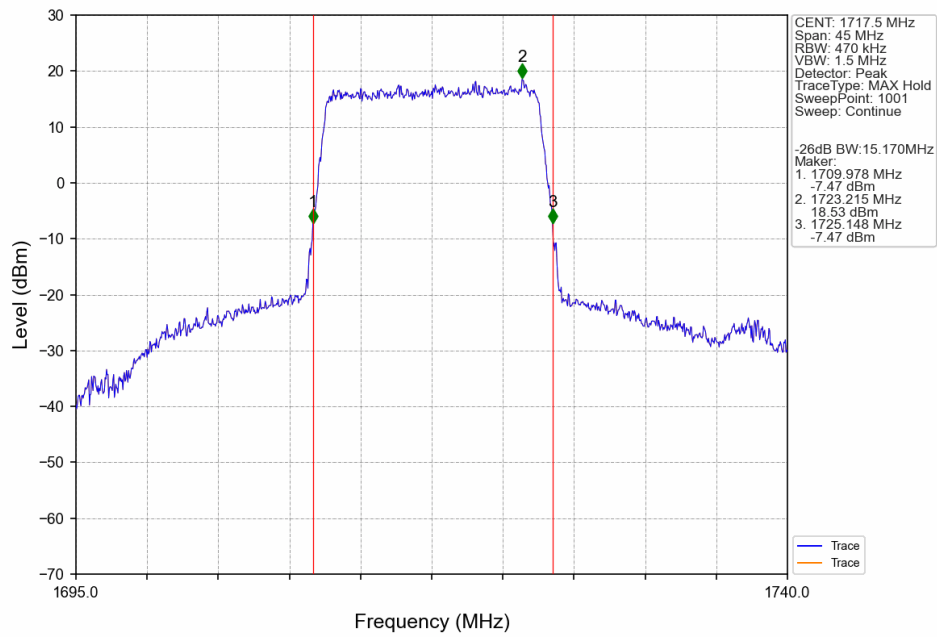
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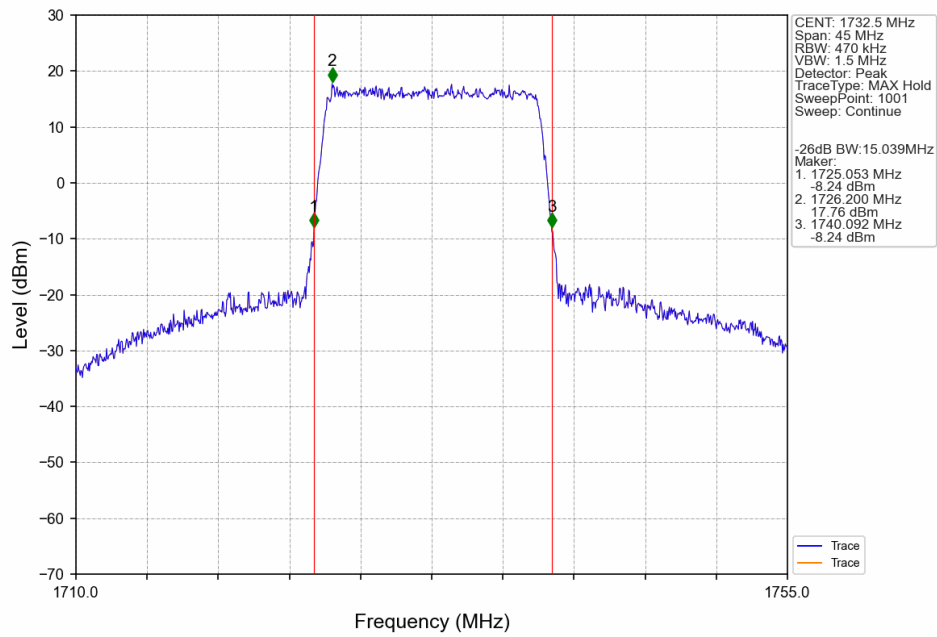
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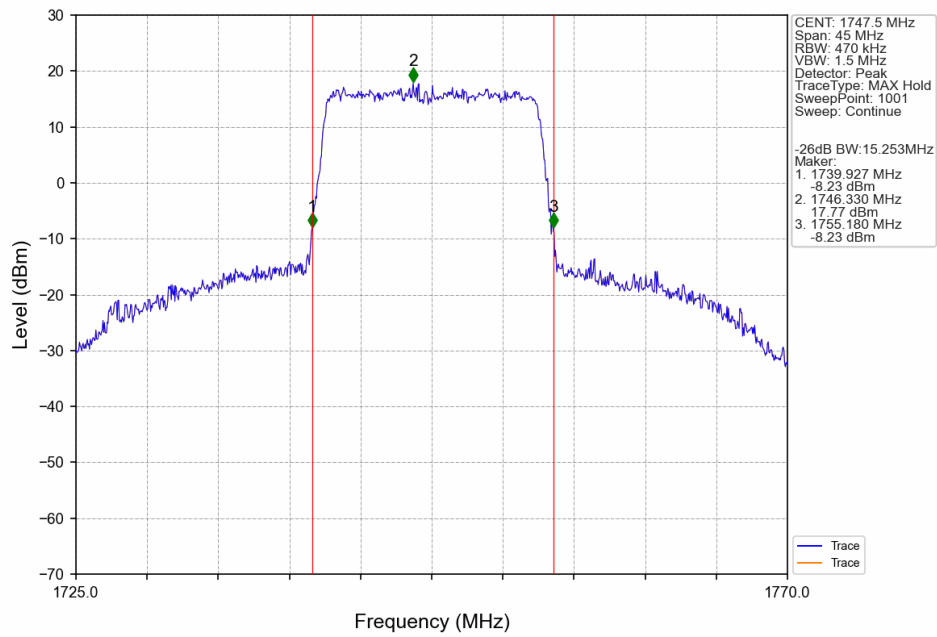
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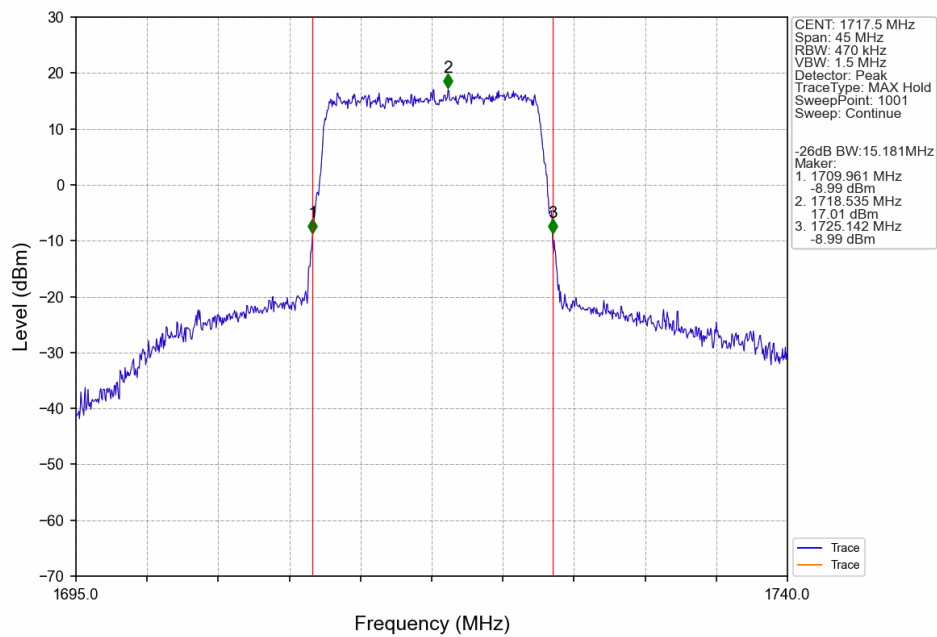
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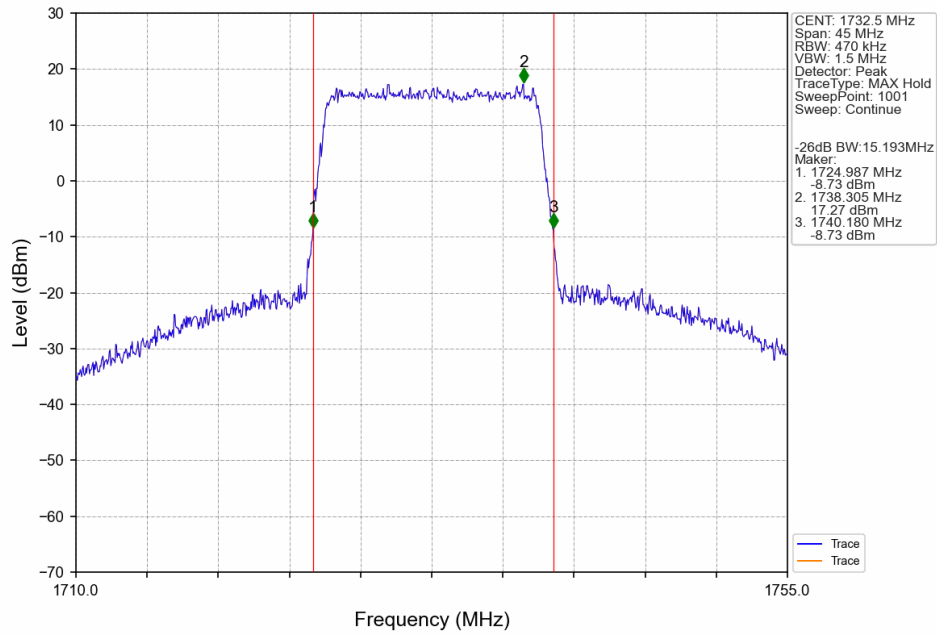
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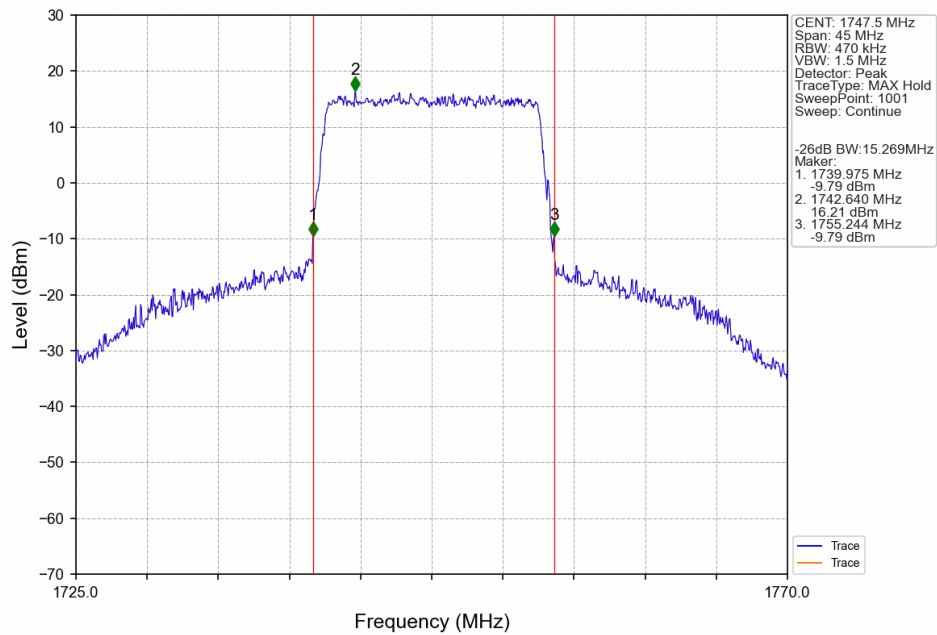
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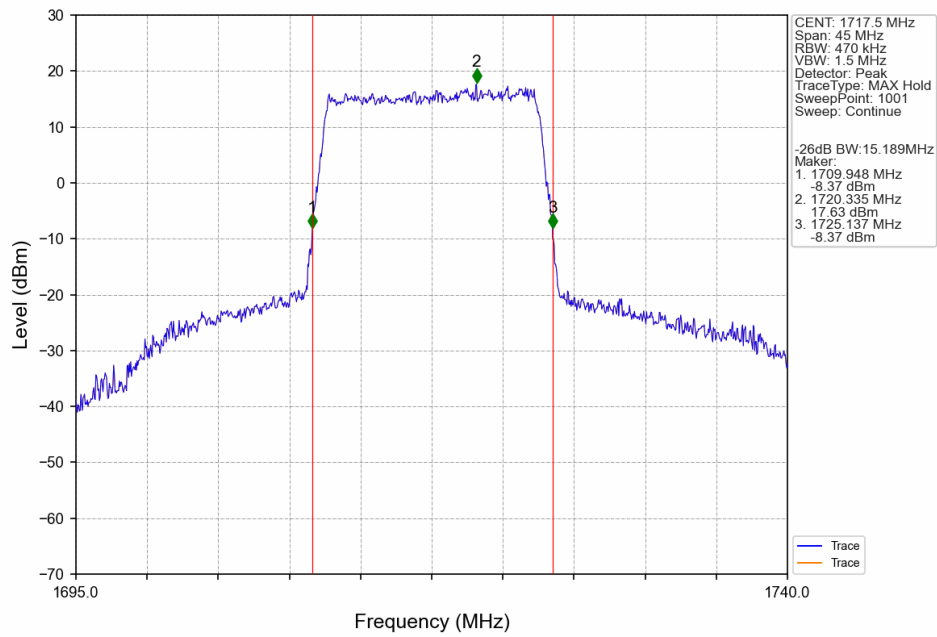
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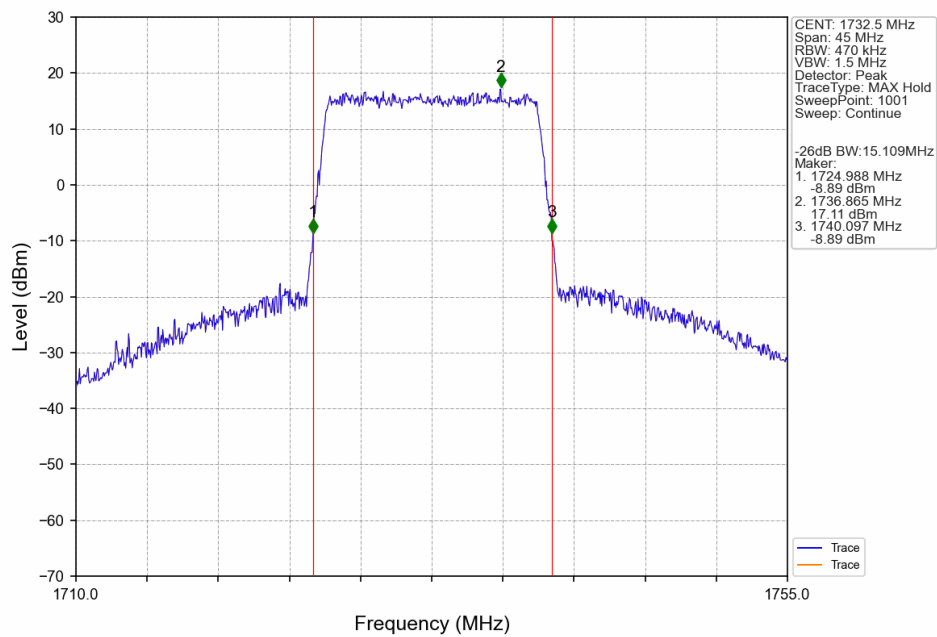
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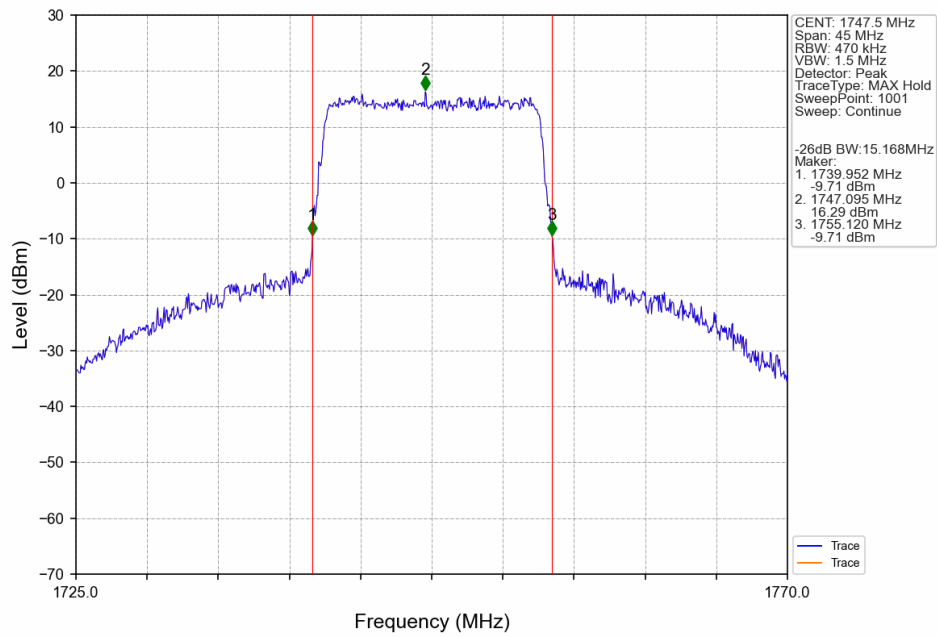
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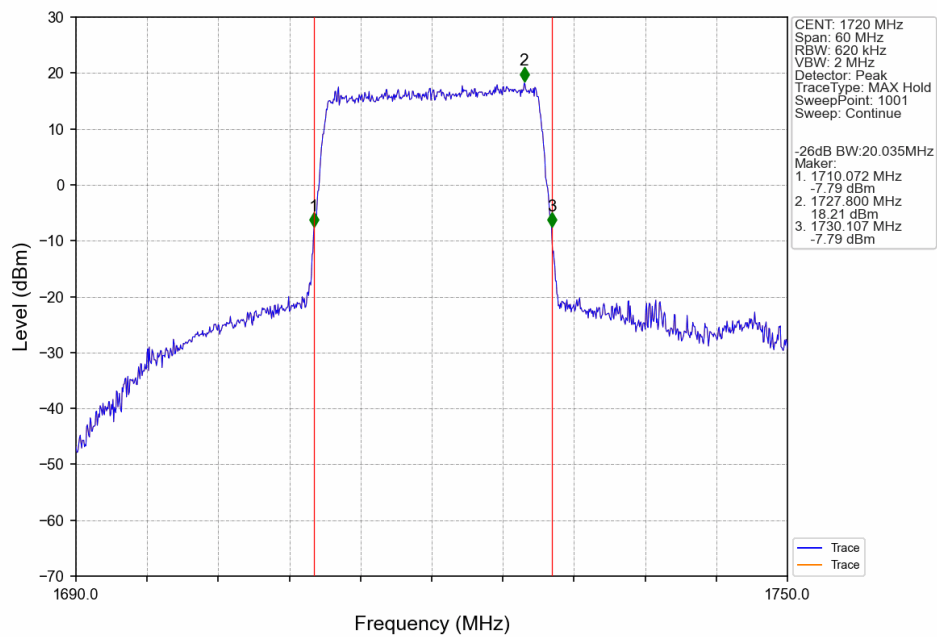
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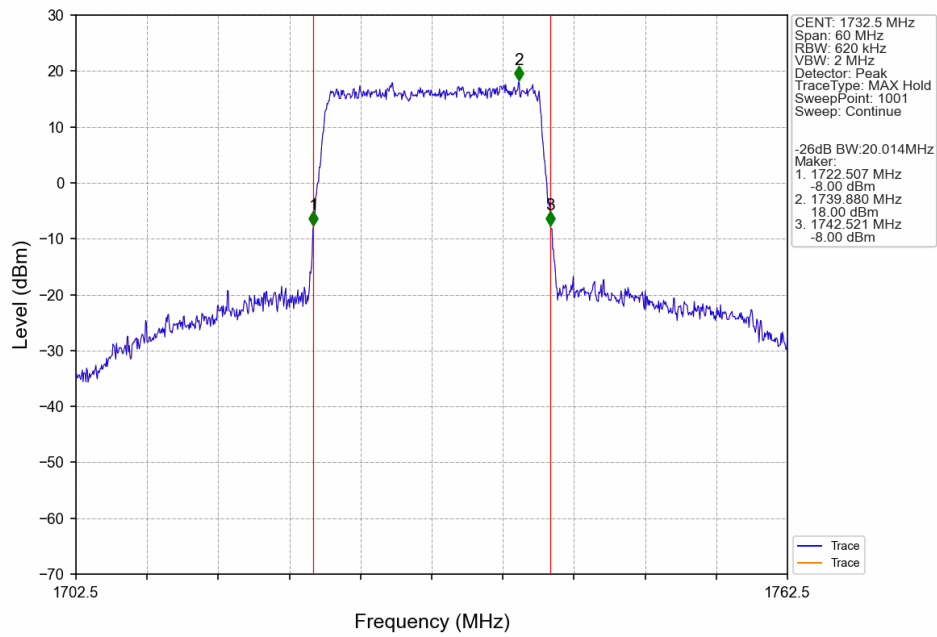
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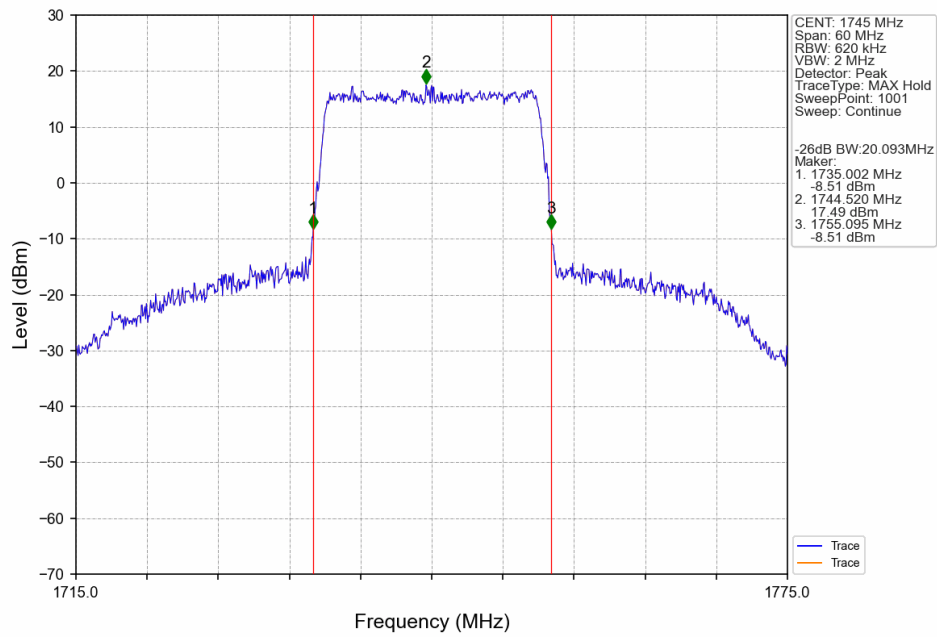
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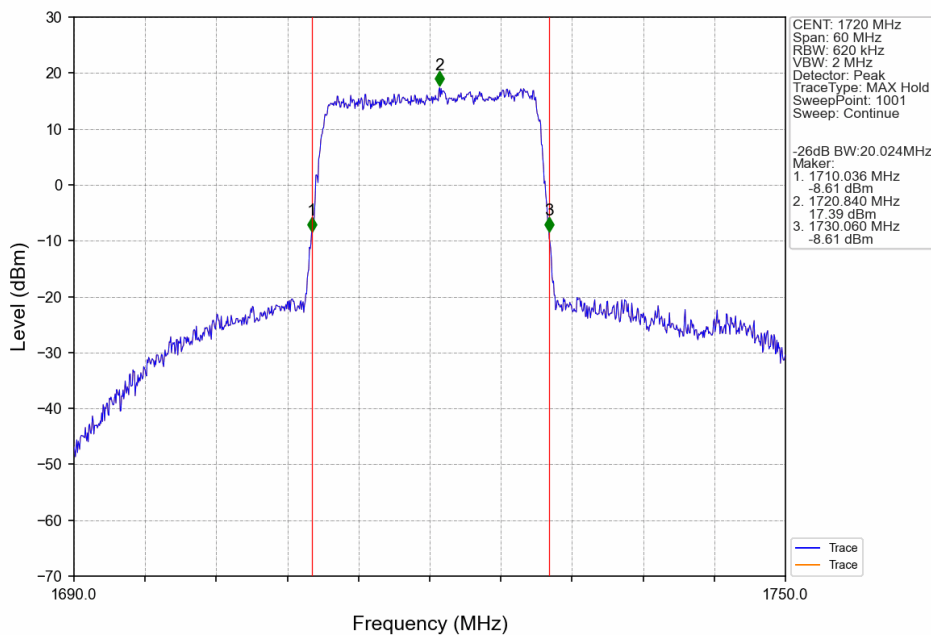
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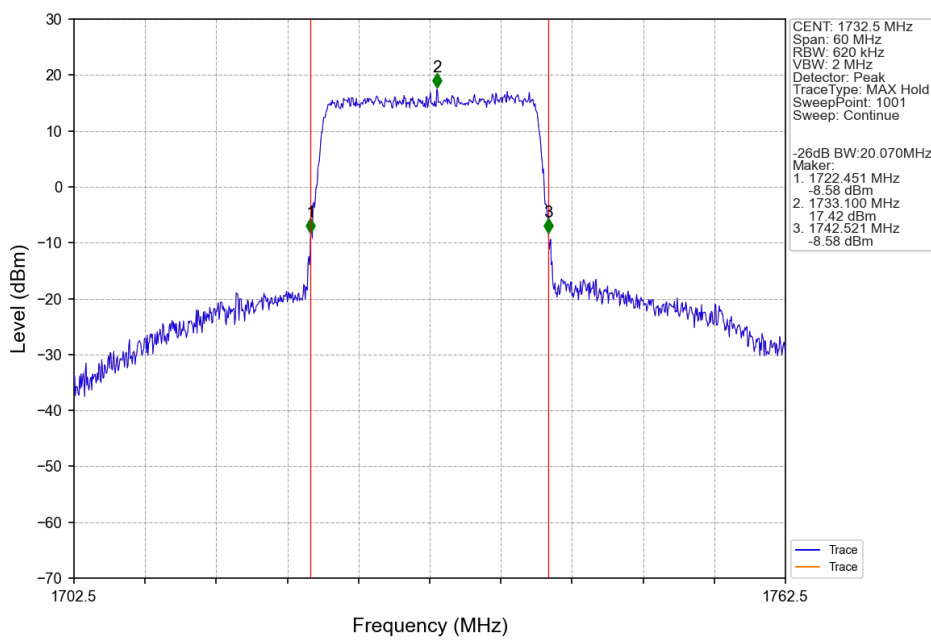
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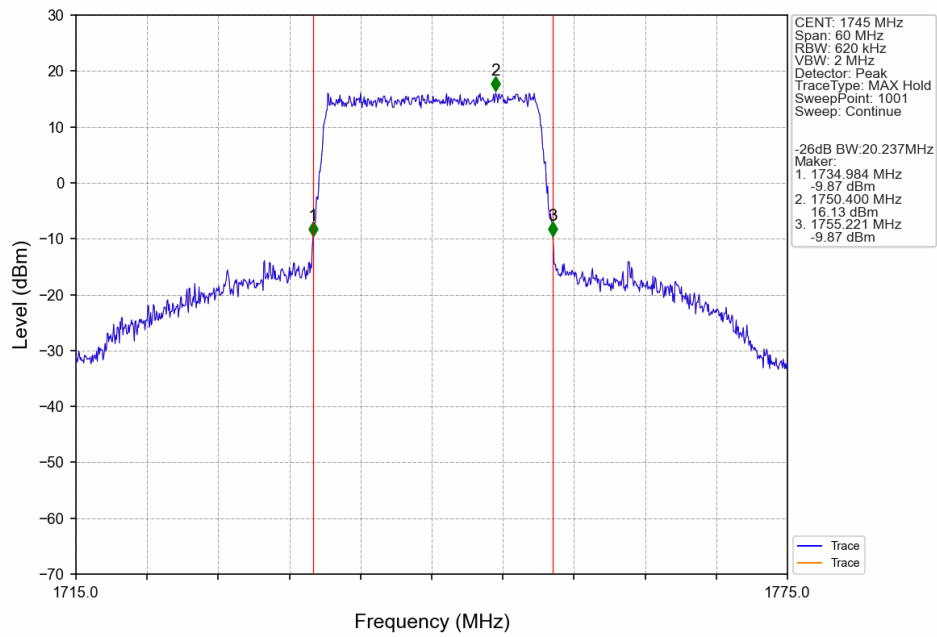
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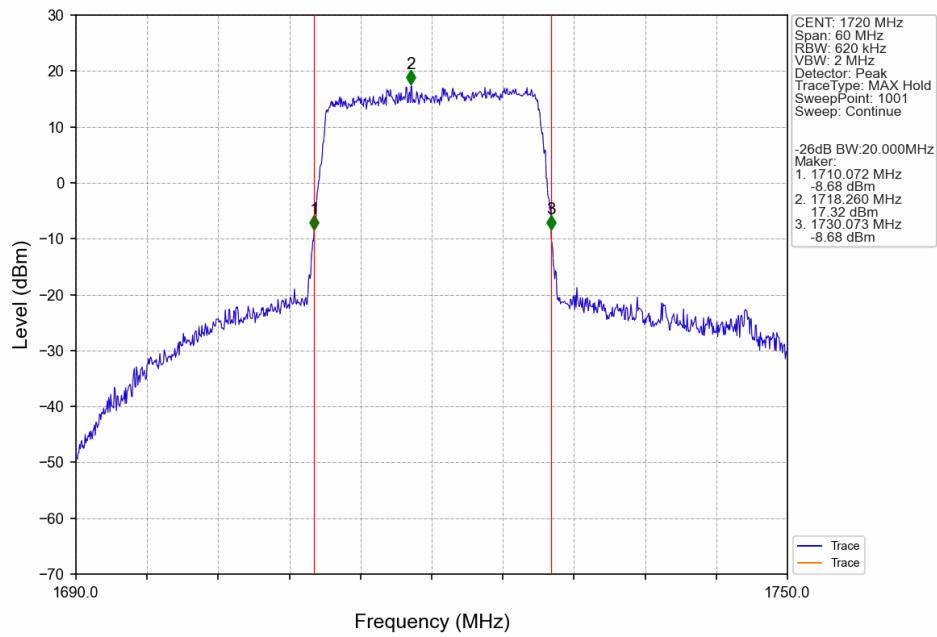
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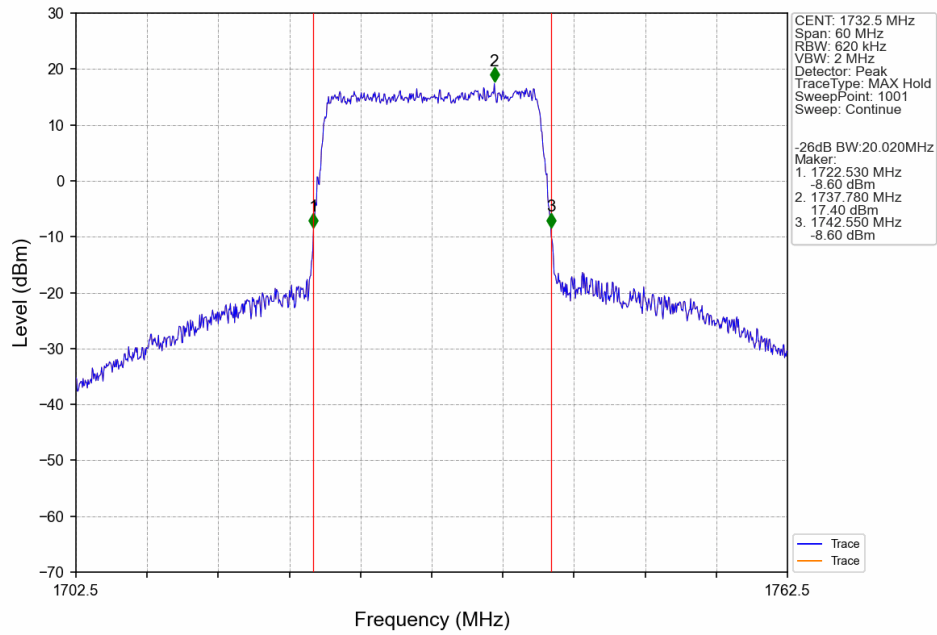
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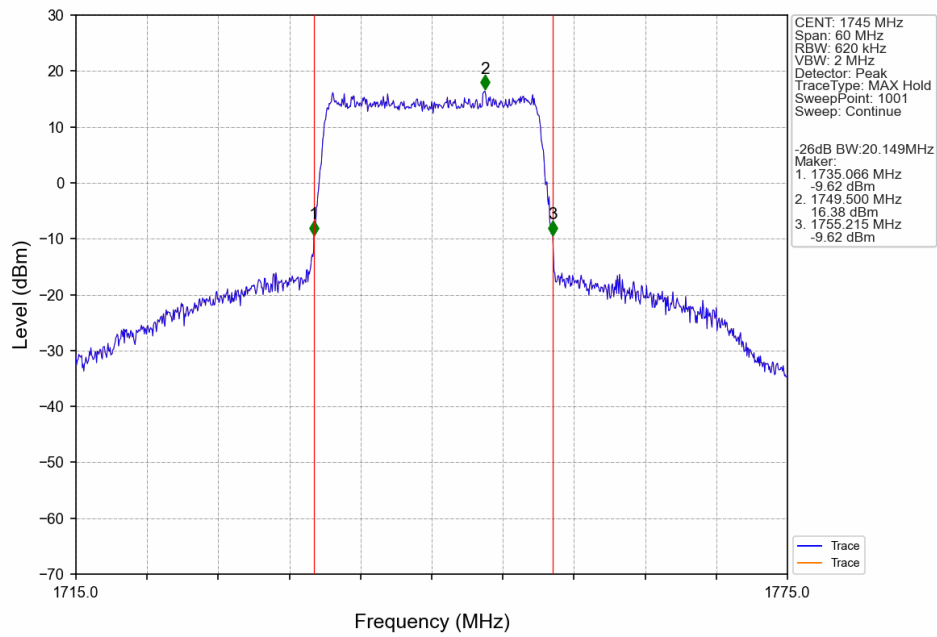
Band4 20MHz 64QAM LCH 1720MHz RB 100 0 NTN



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.90	<=13	Pass
	1732.5	6	0	4.98	<=13	Pass
	1754.3	6	0	5.16	<=13	Pass
16QAM	1710.7	6	0	6.65	<=13	Pass
	1732.5	6	0	5.79	<=13	Pass
	1754.3	6	0	5.93	<=13	Pass
64QAM	1710.7	6	0	6.82	<=13	Pass
	1732.5	6	0	5.92	<=13	Pass
	1754.3	6	0	6.13	<=13	Pass

4.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.99	<=13	Pass
	1732.5	15	0	5.17	<=13	Pass
	1753.5	15	0	5.19	<=13	Pass
16QAM	1711.5	15	0	6.78	<=13	Pass
	1732.5	15	0	6.02	<=13	Pass
	1753.5	15	0	6.01	<=13	Pass
64QAM	1711.5	15	0	6.89	<=13	Pass
	1732.5	15	0	6.17	<=13	Pass
	1753.5	15	0	6.39	<=13	Pass

4.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.91	<=13	Pass
	1732.5	25	0	5.42	<=13	Pass
	1752.5	25	0	5.32	<=13	Pass
16QAM	1712.5	25	0	6.63	<=13	Pass
	1732.5	25	0	6.13	<=13	Pass
	1752.5	25	0	6.05	<=13	Pass
64QAM	1712.5	25	0	6.77	<=13	Pass
	1732.5	25	0	6.24	<=13	Pass
	1752.5	25	0	6.29	<=13	Pass

4.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.92	<=13	Pass
	1732.5	50	0	5.41	<=13	Pass
	1750	50	0	5.24	<=13	Pass
16QAM	1715	50	0	6.65	<=13	Pass
	1732.5	50	0	6.17	<=13	Pass
	1750	50	0	5.98	<=13	Pass
64QAM	1715	50	0	6.85	<=13	Pass
	1732.5	50	0	6.34	<=13	Pass
	1750	50	0	6.16	<=13	Pass

4.1.5 B4_15MHz

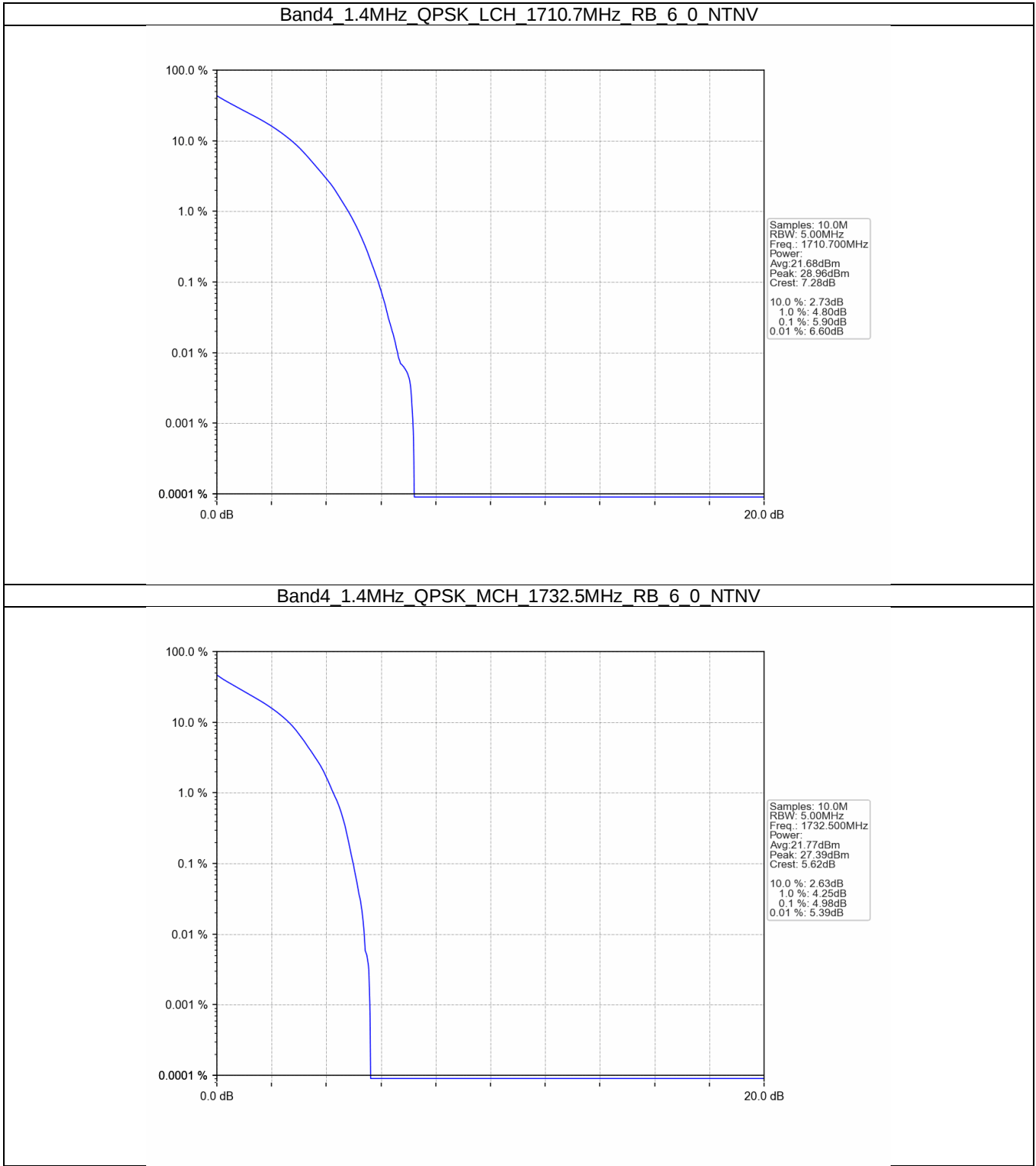
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.20	<=13	Pass
	1732.5	75	0	5.69	<=13	Pass
	1747.5	75	0	5.41	<=13	Pass
16QAM	1717.5	75	0	6.67	<=13	Pass
	1732.5	75	0	6.20	<=13	Pass
	1747.5	75	0	5.96	<=13	Pass
64QAM	1717.5	75	0	6.73	<=13	Pass
	1732.5	75	0	6.32	<=13	Pass
	1747.5	75	0	6.15	<=13	Pass

4.1.6 B4_20MHz

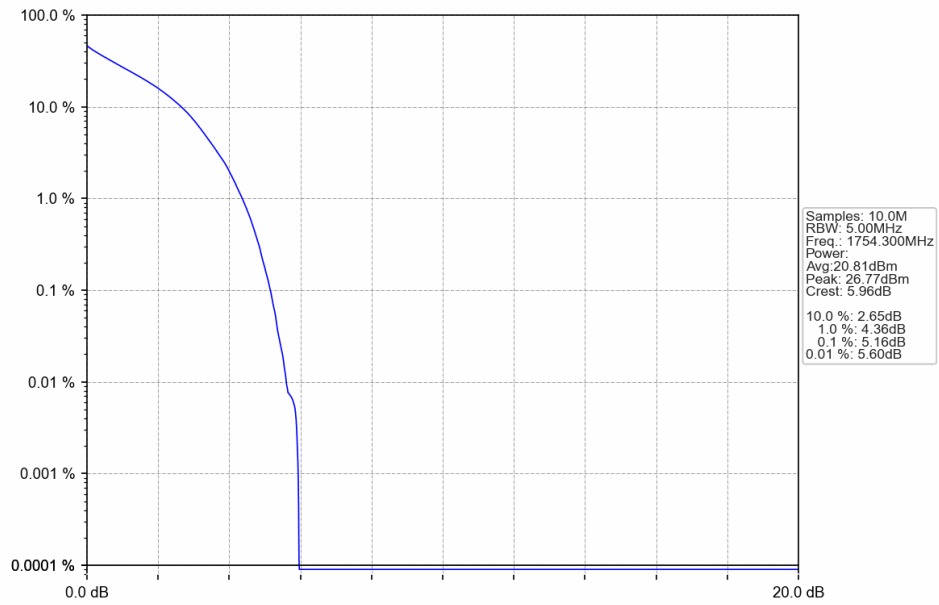
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.82	<=13	Pass
	1732.5	100	0	5.42	<=13	Pass
	1745	100	0	5.24	<=13	Pass
16QAM	1720	100	0	6.60	<=13	Pass
	1732.5	100	0	6.16	<=13	Pass
	1745	100	0	5.91	<=13	Pass
64QAM	1720	100	0	6.78	<=13	Pass
	1732.5	100	0	6.32	<=13	Pass
	1745	100	0	6.14	<=13	Pass

4.2 Test Graph

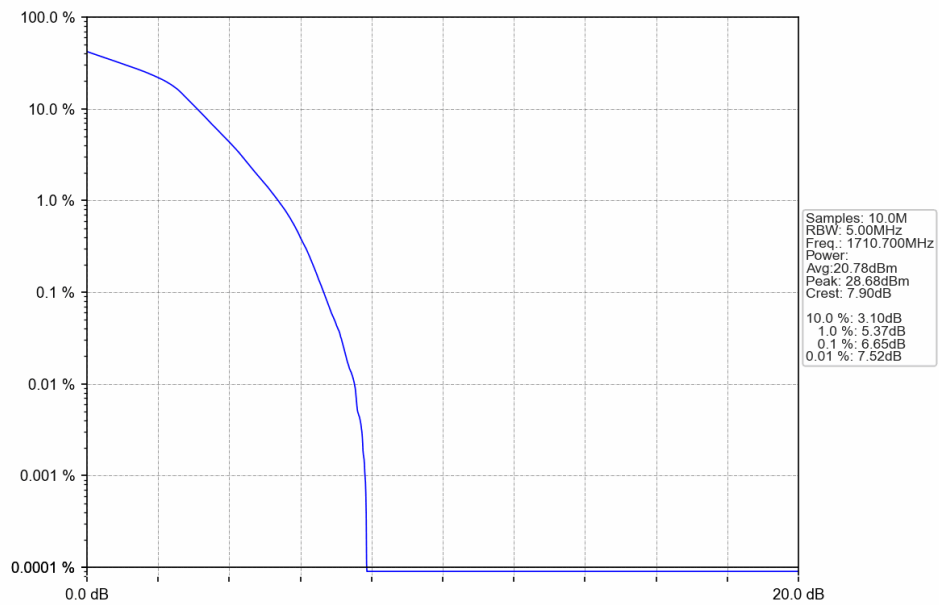
4.2.1 B4_1.4MHz



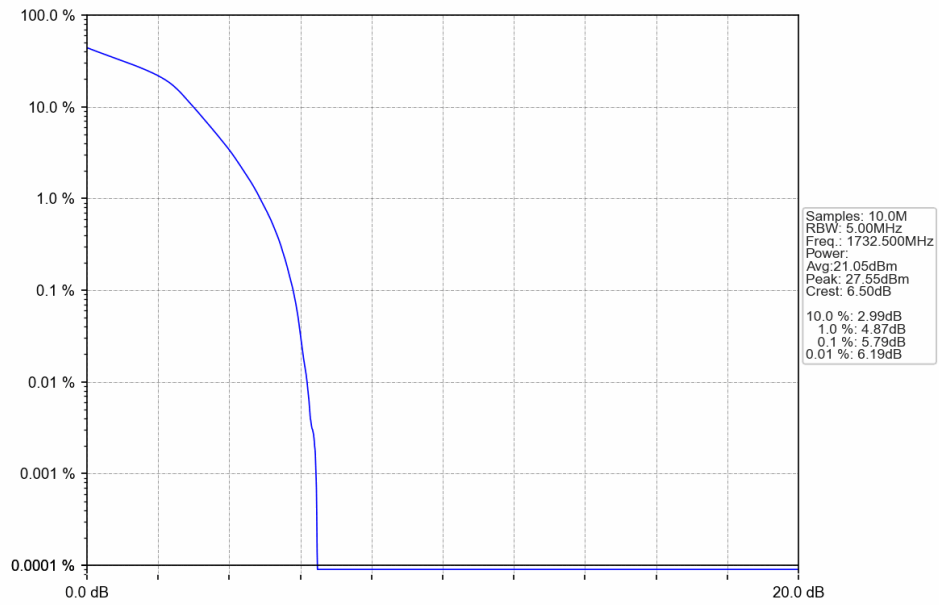
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



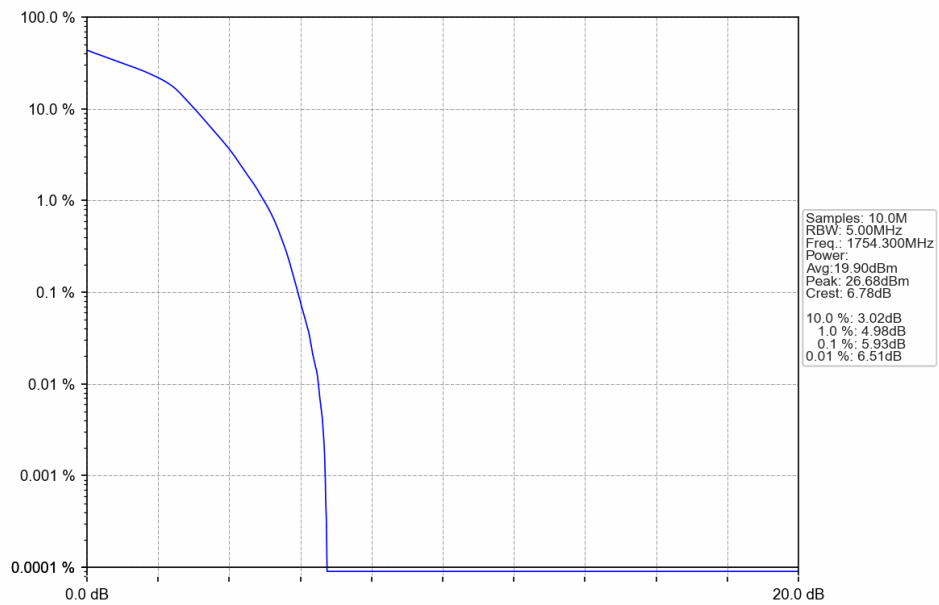
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



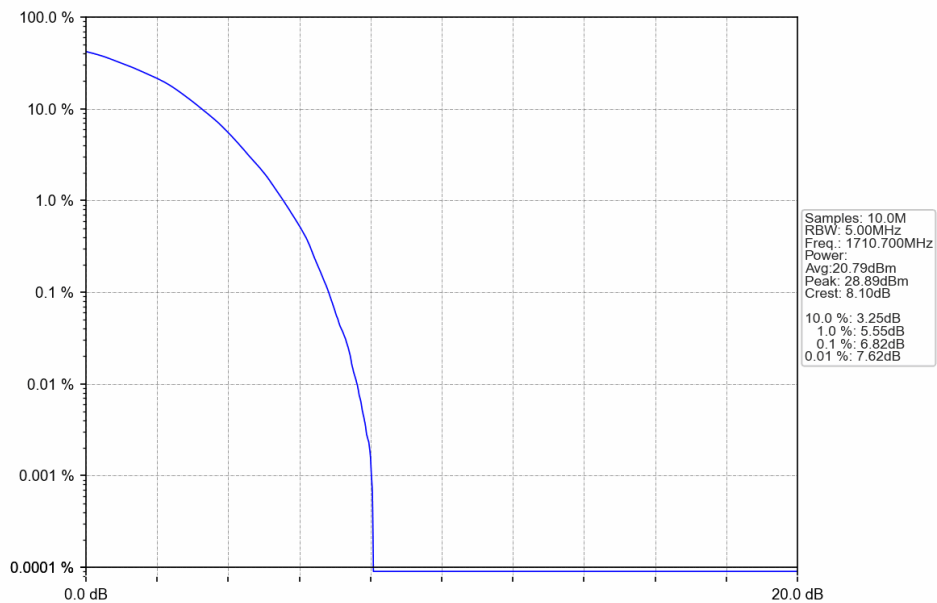
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



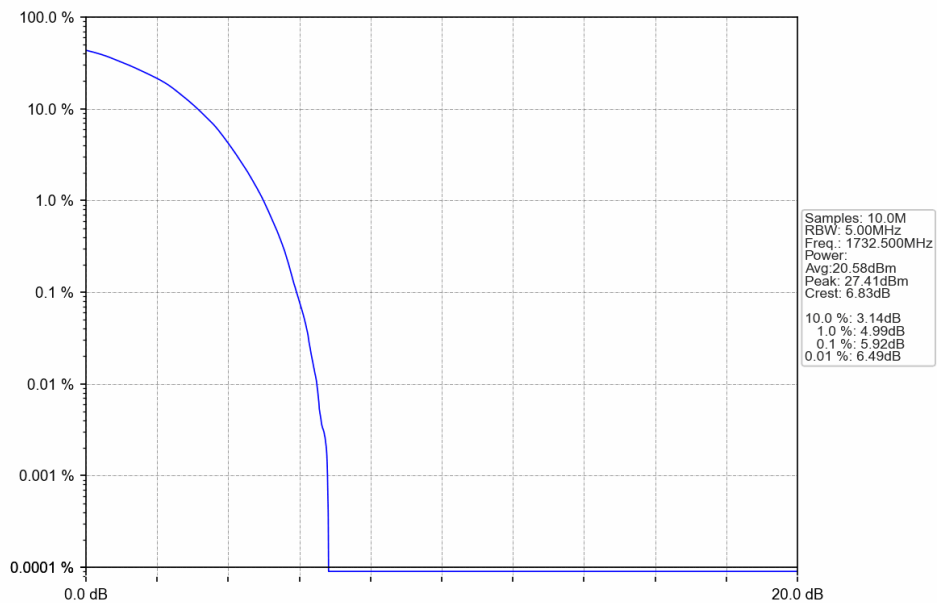
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



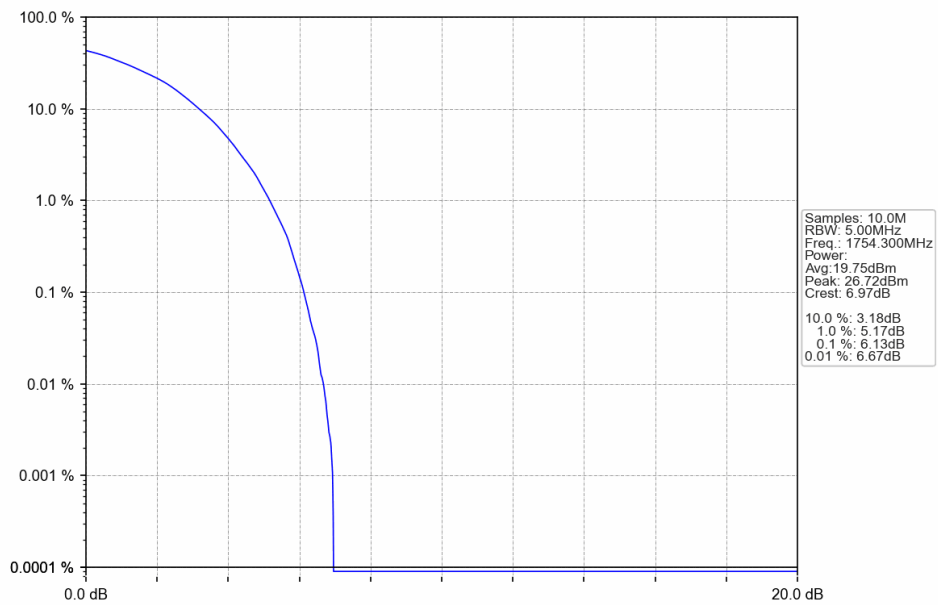
Band4 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



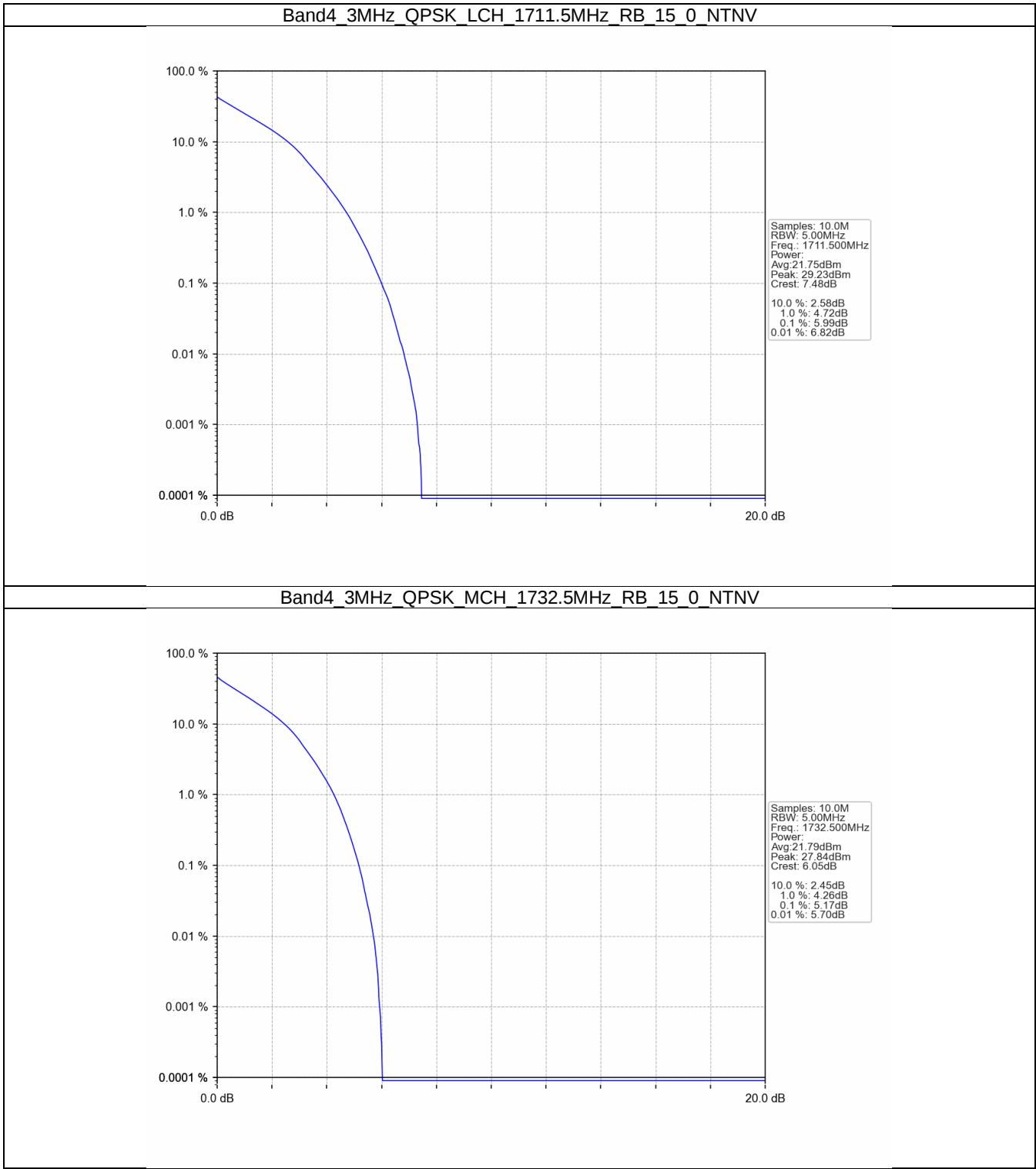
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTNV



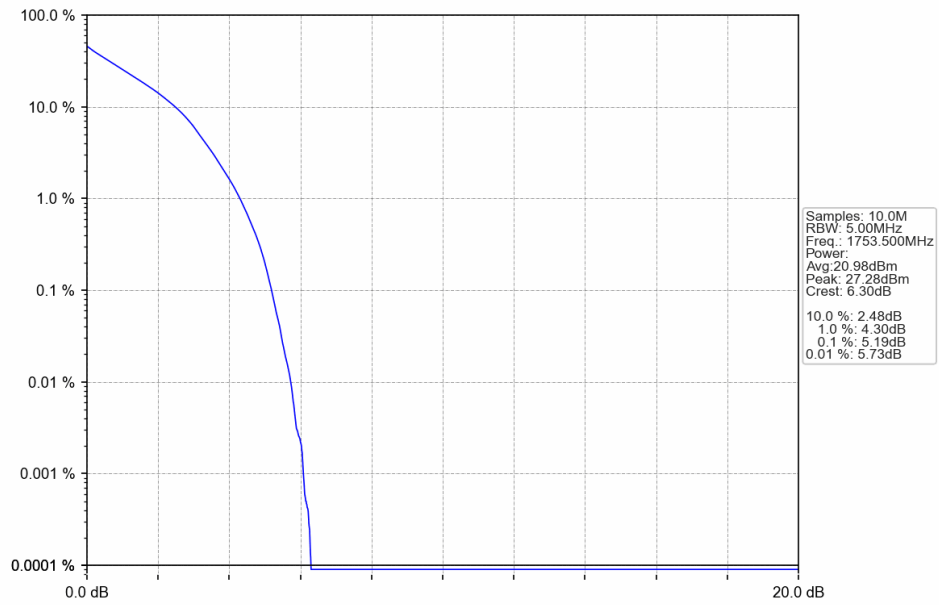
Band4 1.4MHz 64QAM HCH 1754.3MHz RB 6 0 NTNV



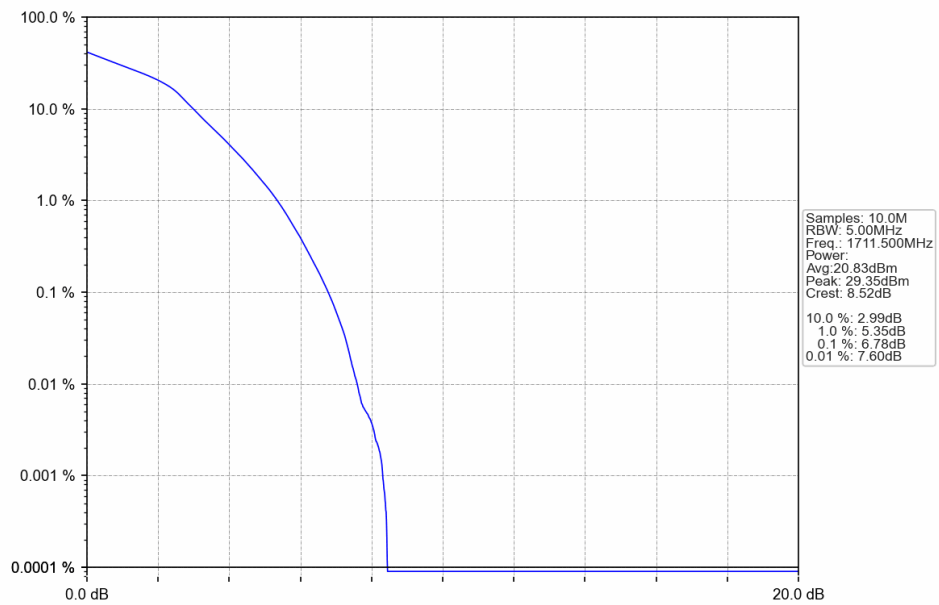
4.2.2 B4_3MHz



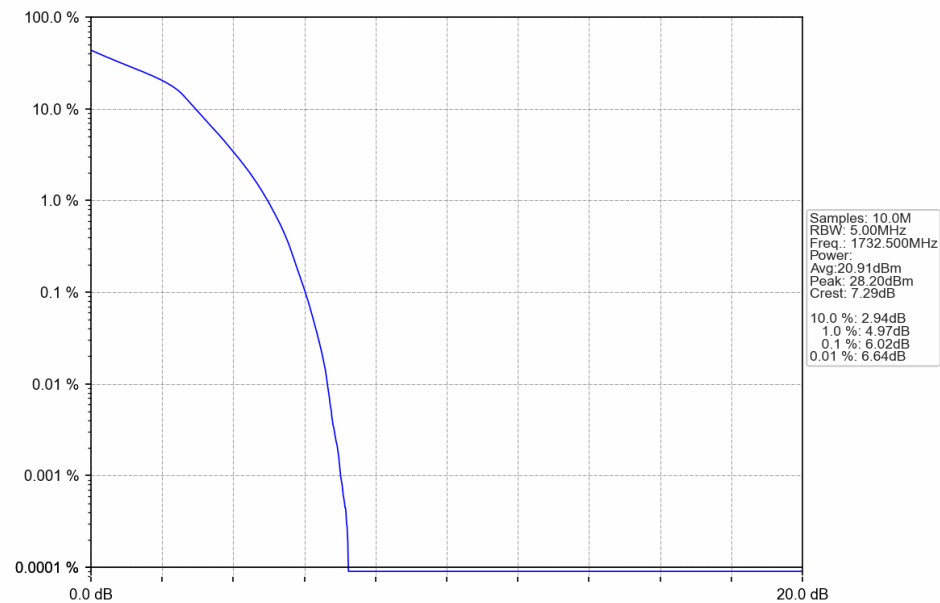
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



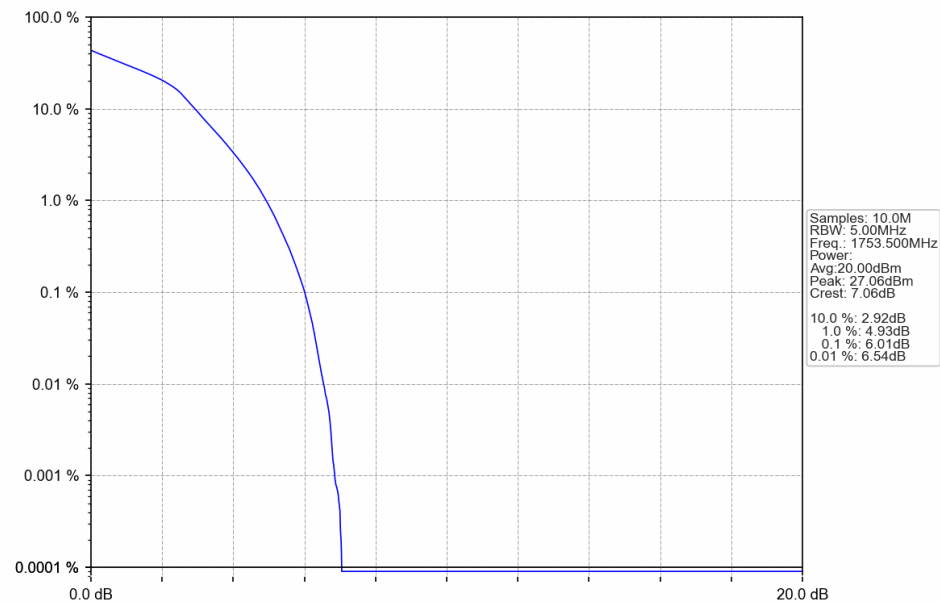
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



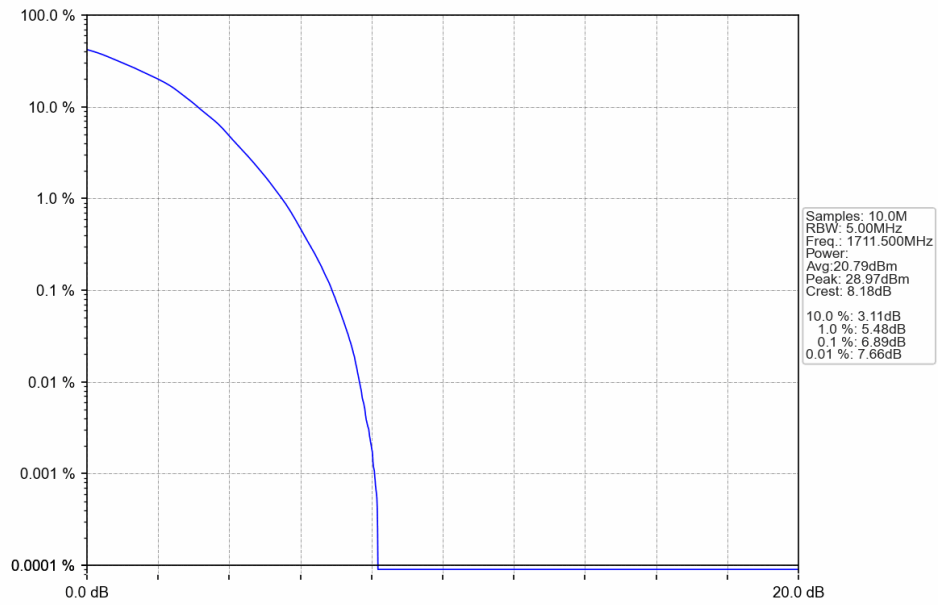
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



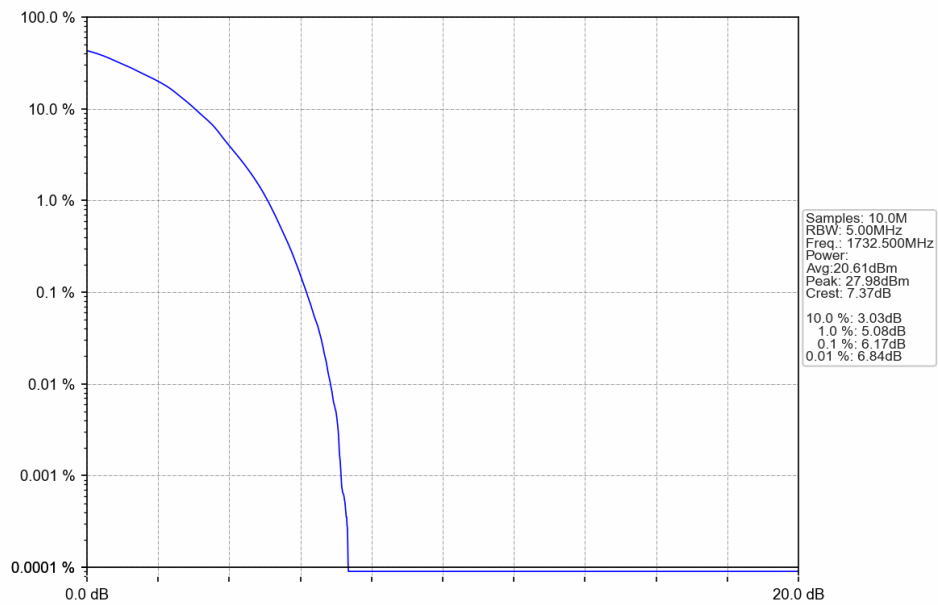
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



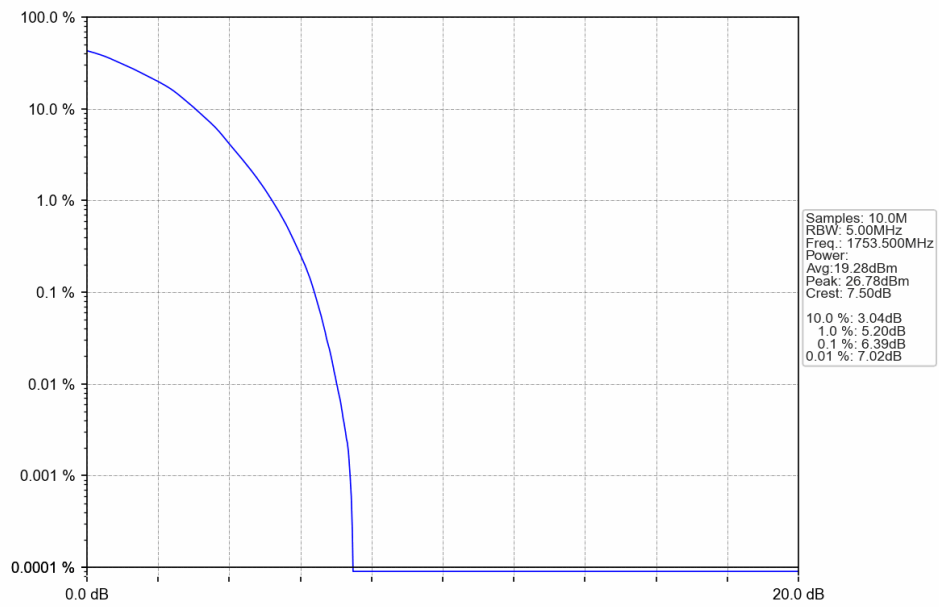
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



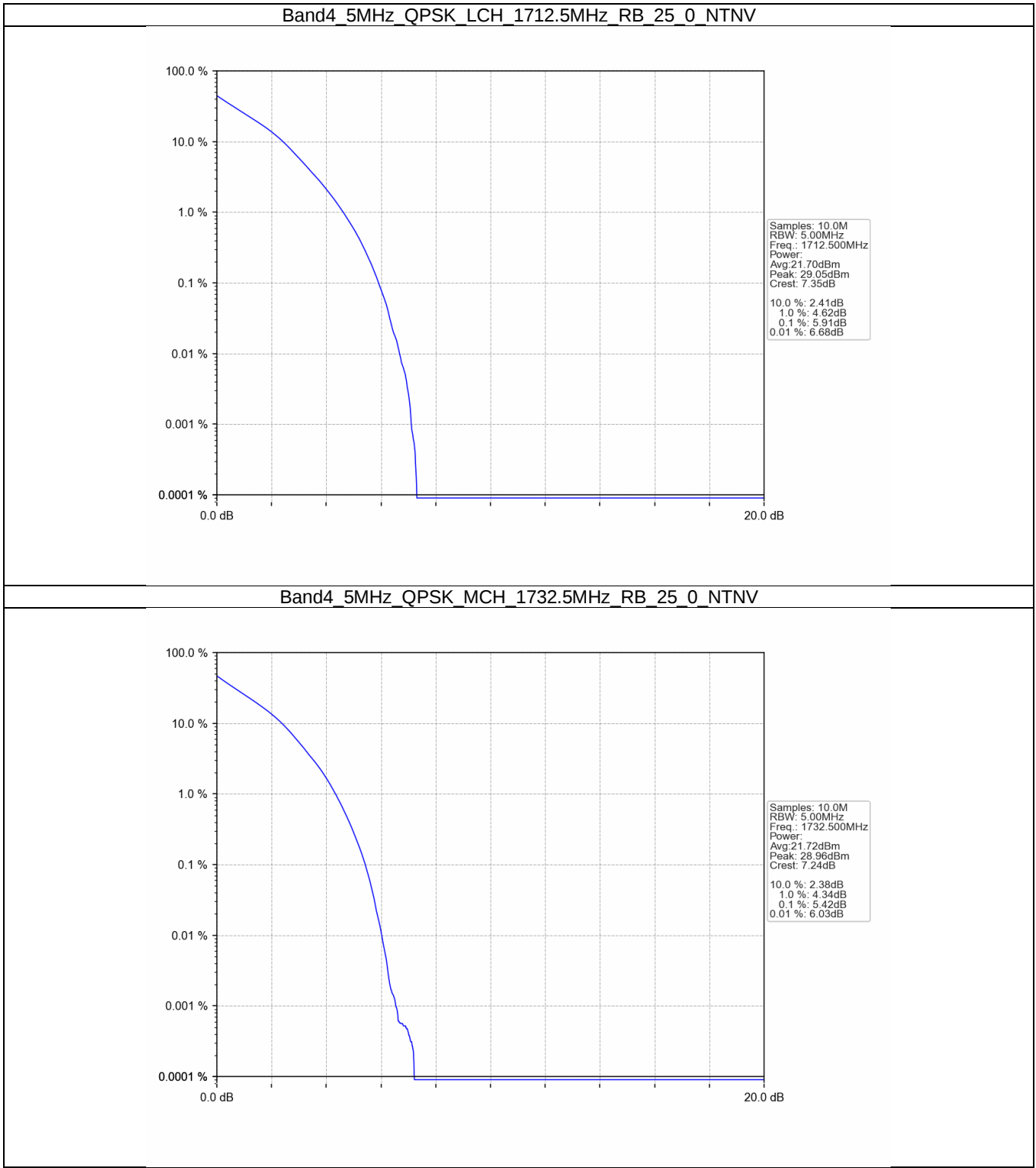
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



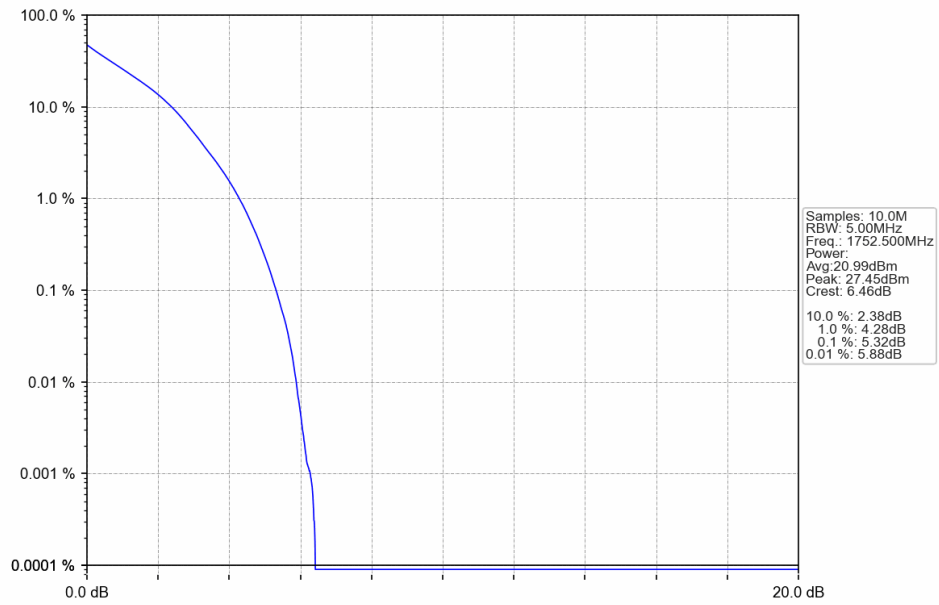
Band4 3MHz 64QAM HCH 1753.5MHz RB 15 0 NTNV



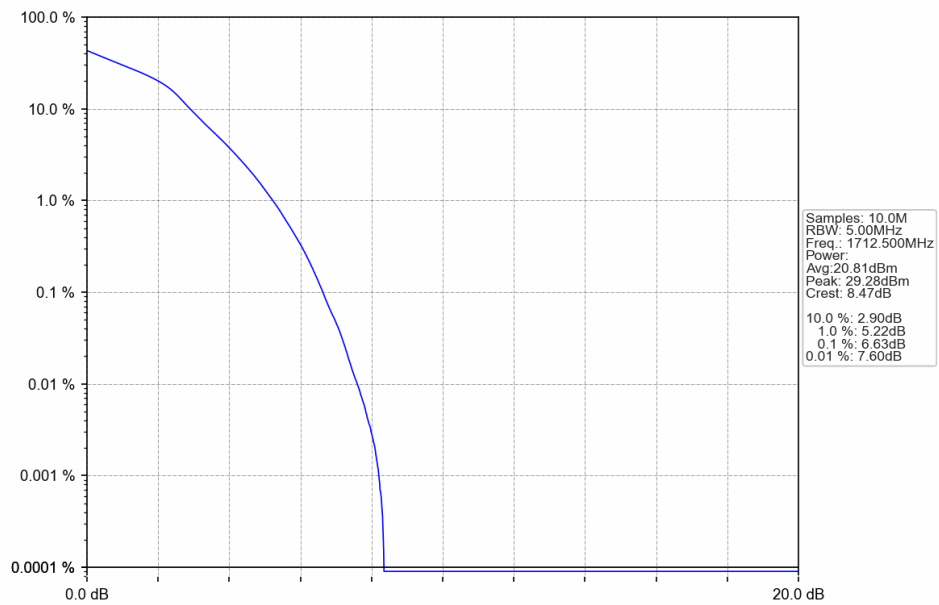
4.2.3 B4_5MHz



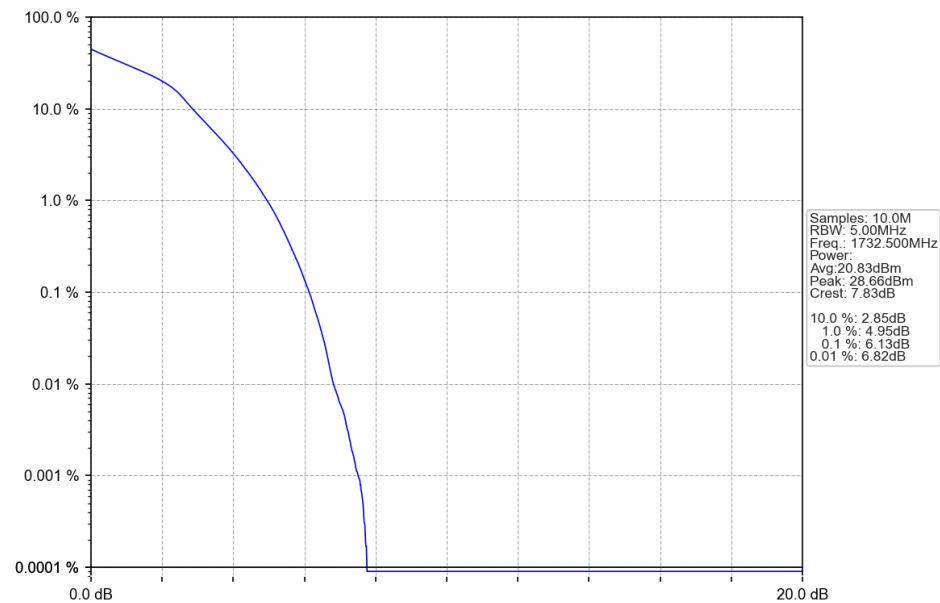
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



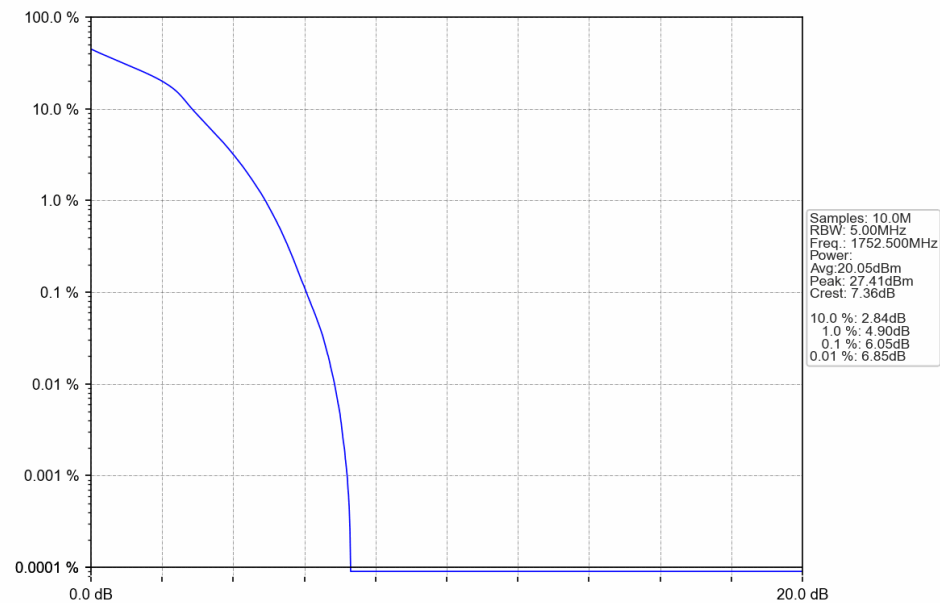
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



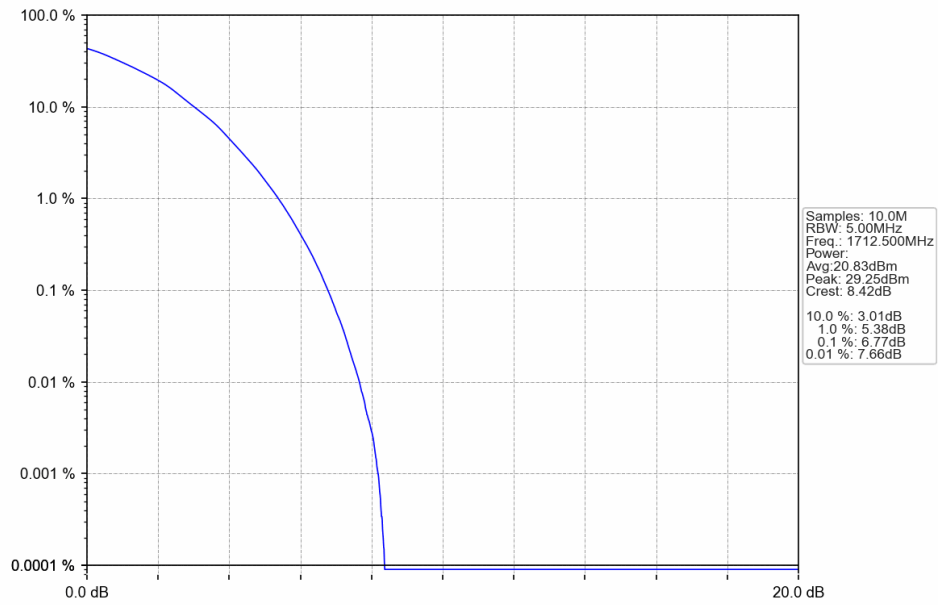
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



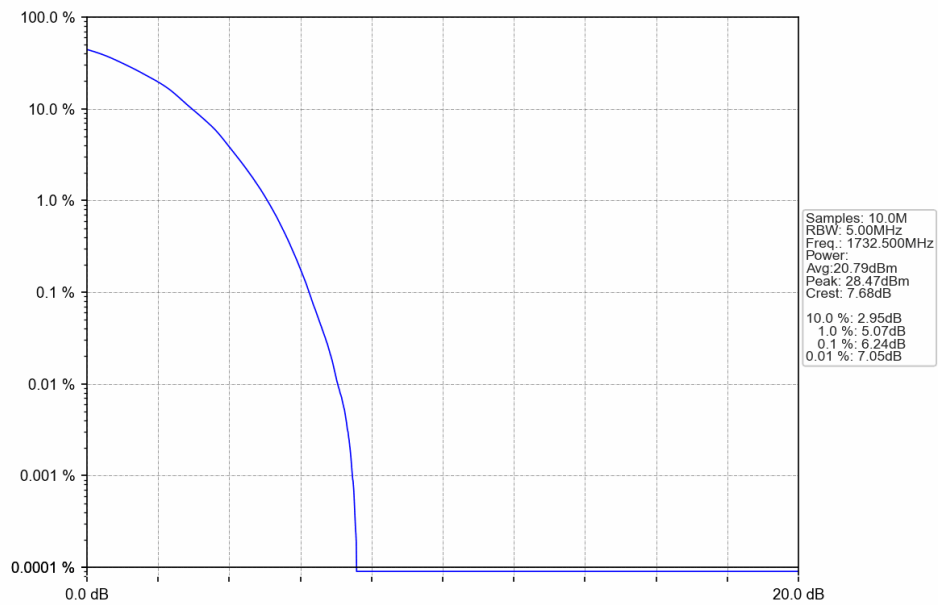
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



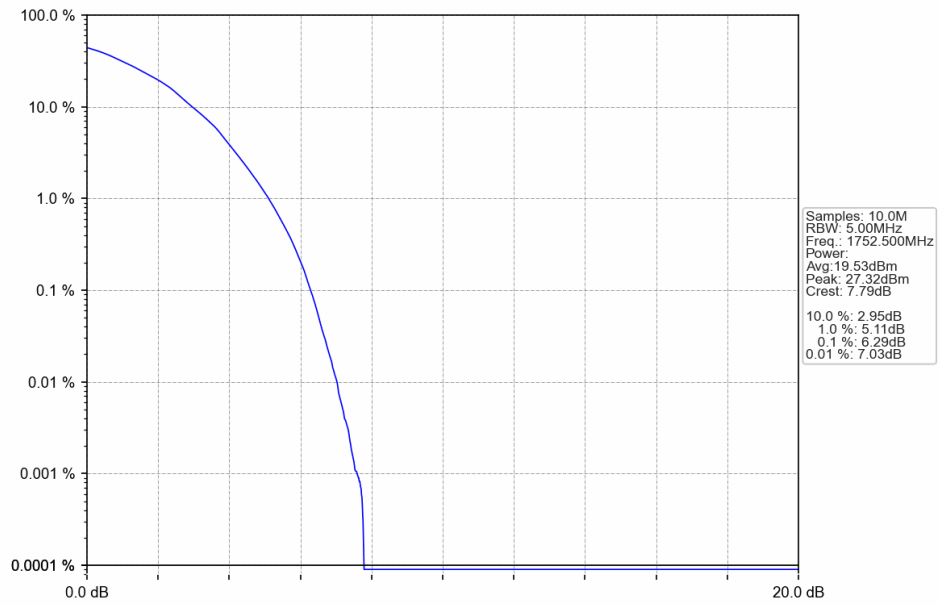
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



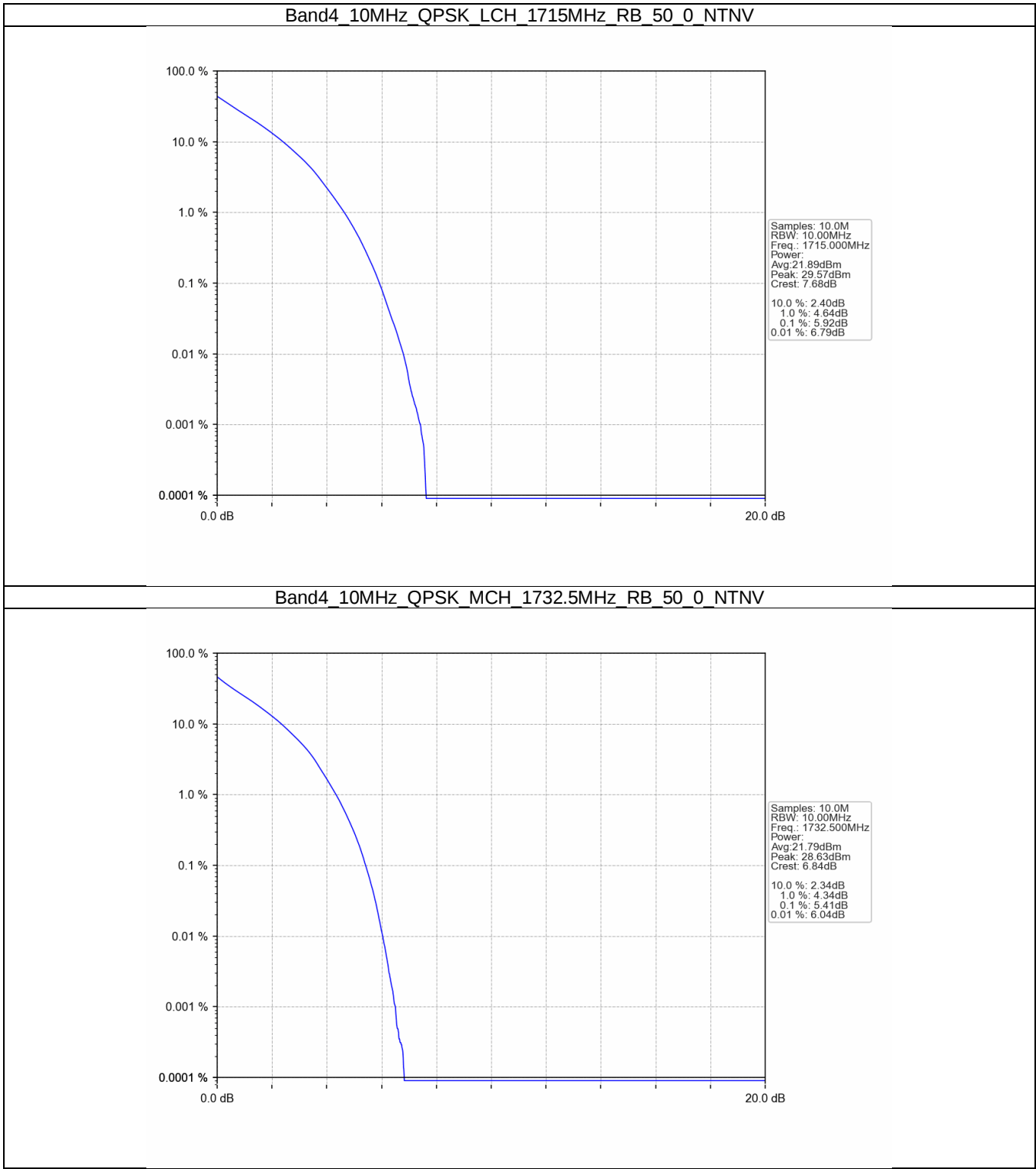
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



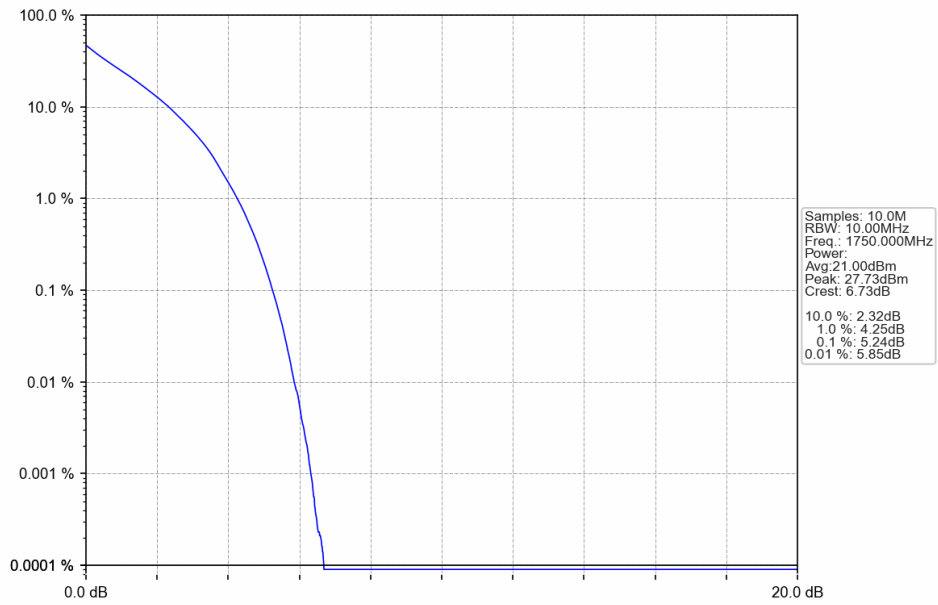
Band4 5MHz 64QAM HCH 1752.5MHz RB 25 0 NTNV



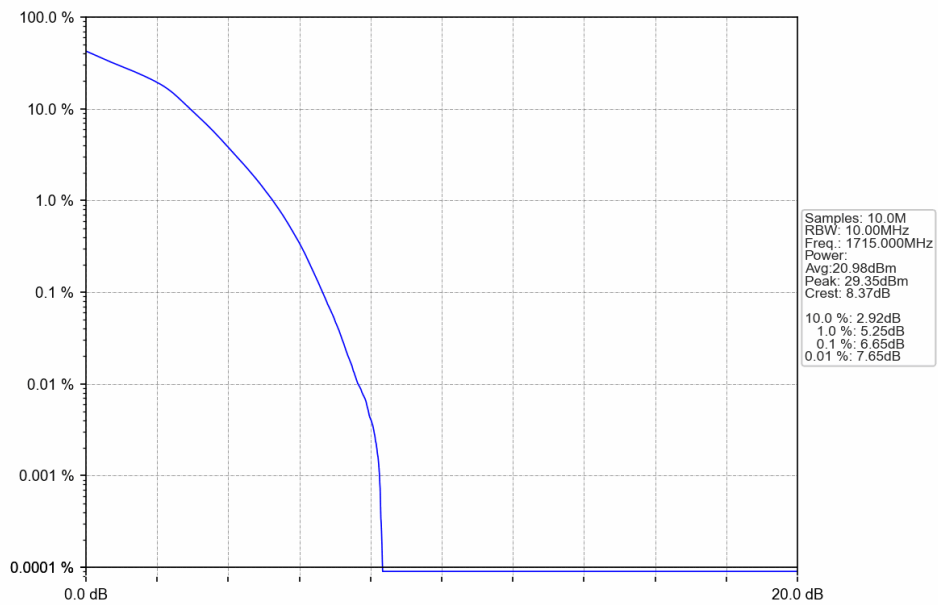
4.2.4 B4_10MHz



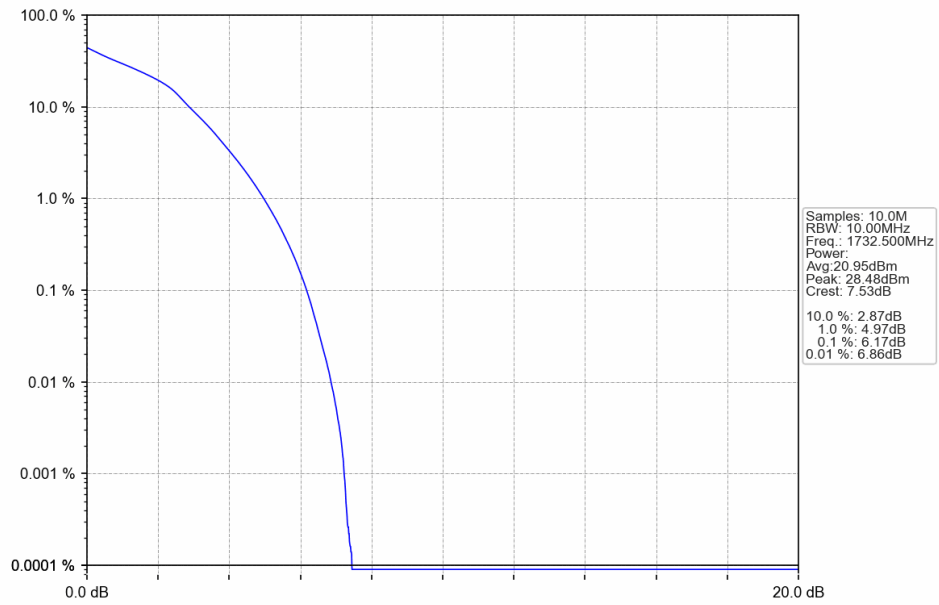
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



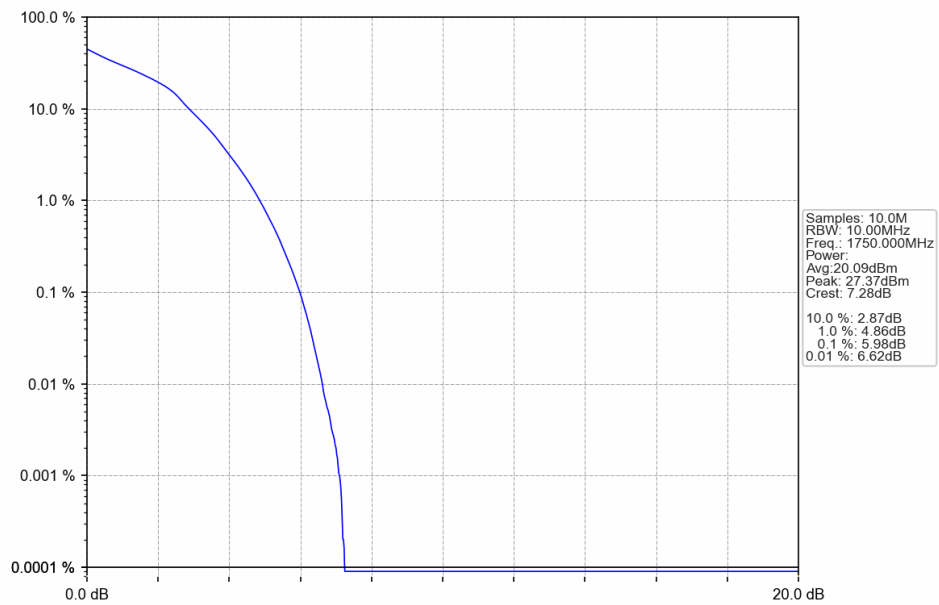
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



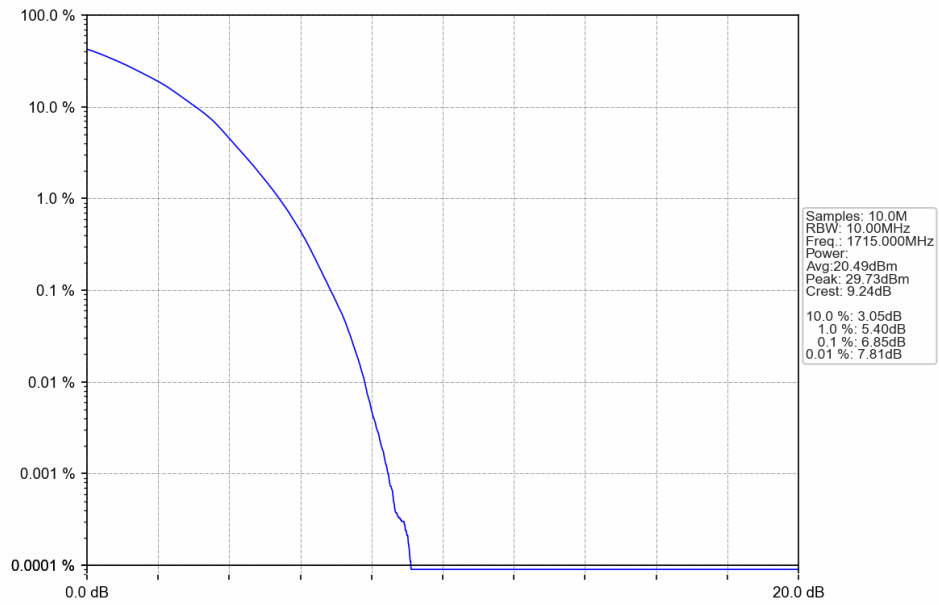
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



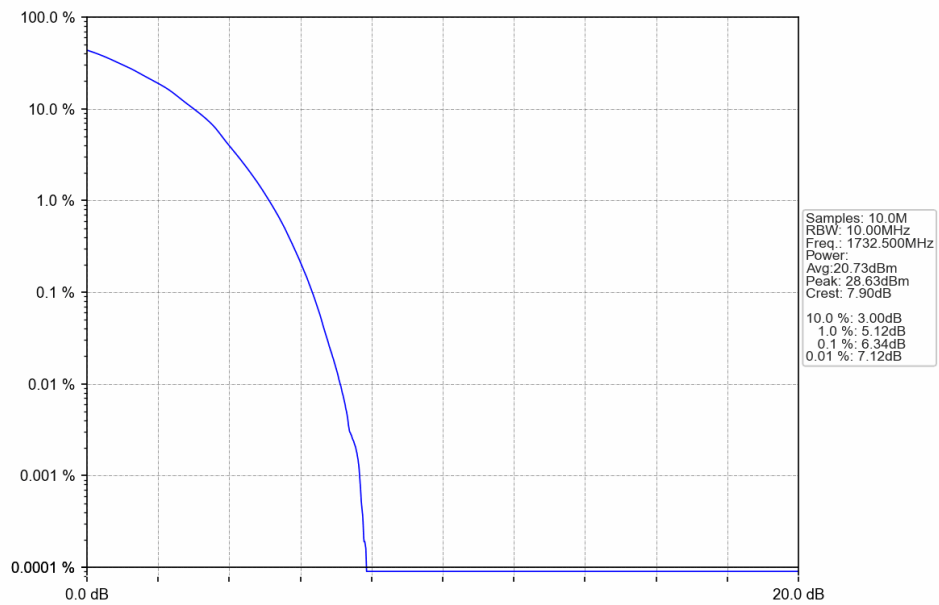
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



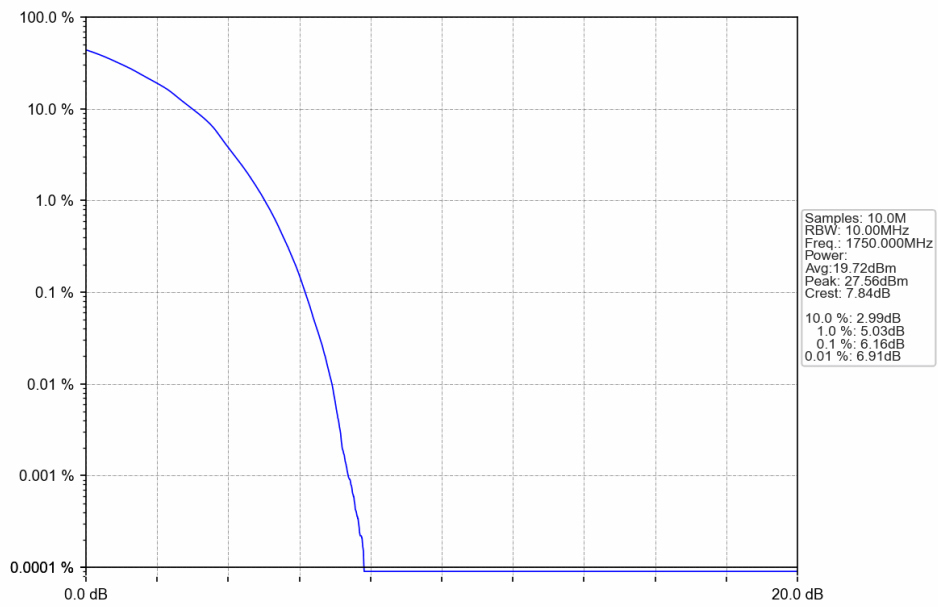
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



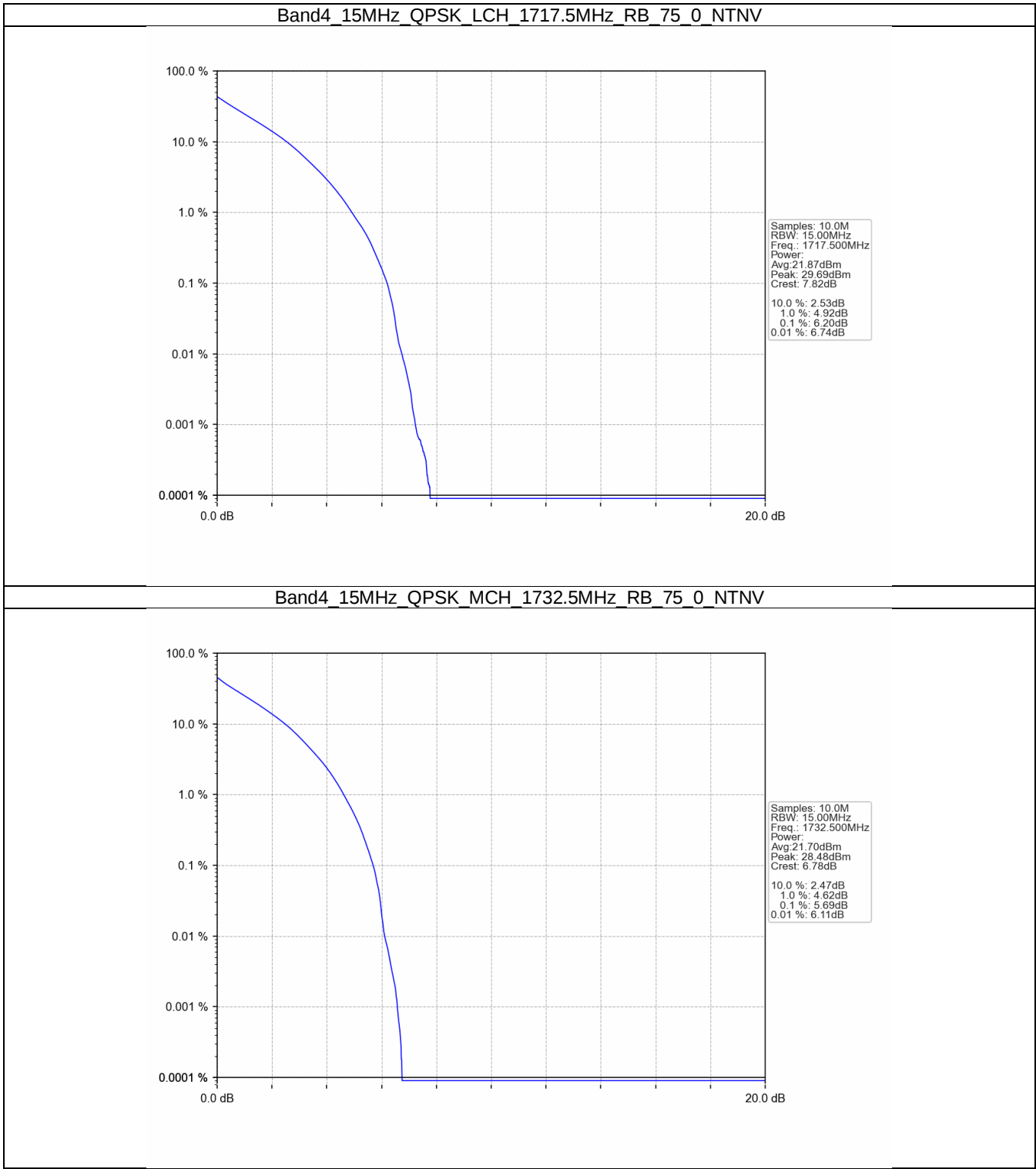
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



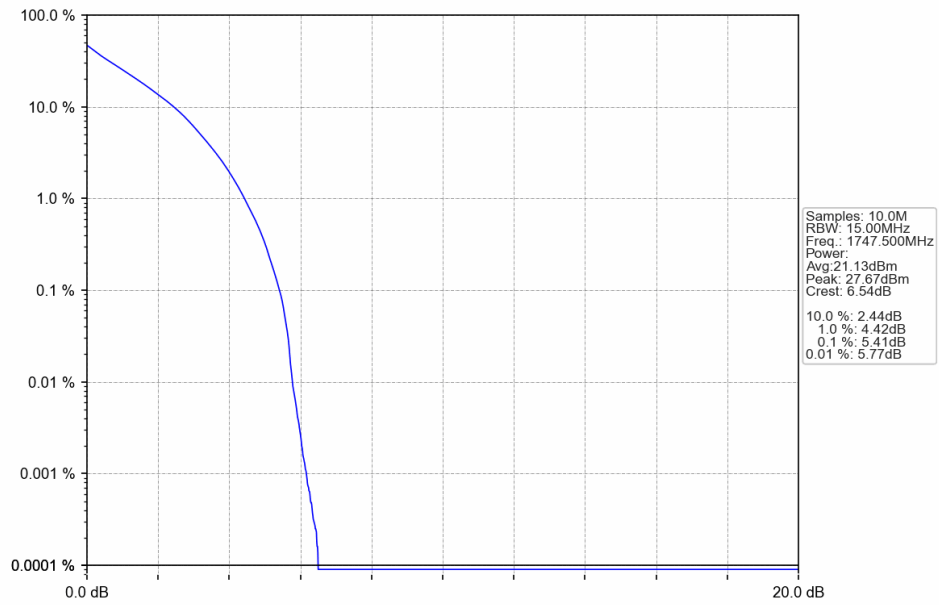
Band4 10MHz 64QAM HCH 1750MHz RB 50 0 NTNV



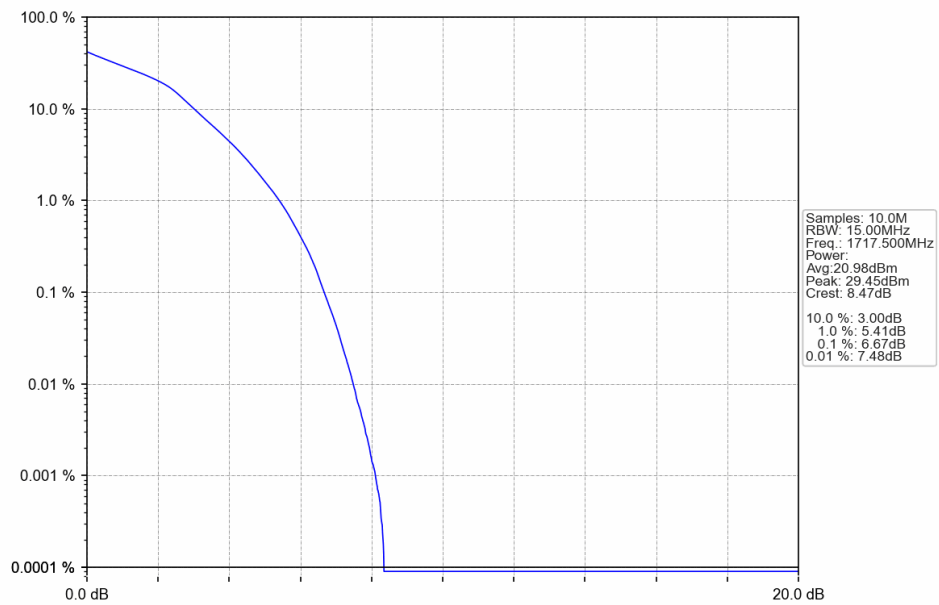
4.2.5 B4_15MHz



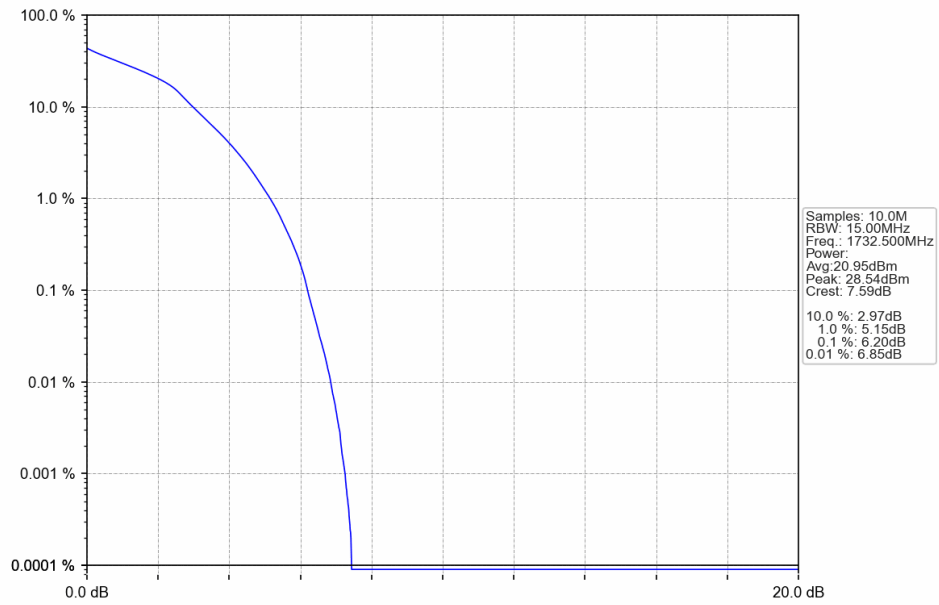
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV

