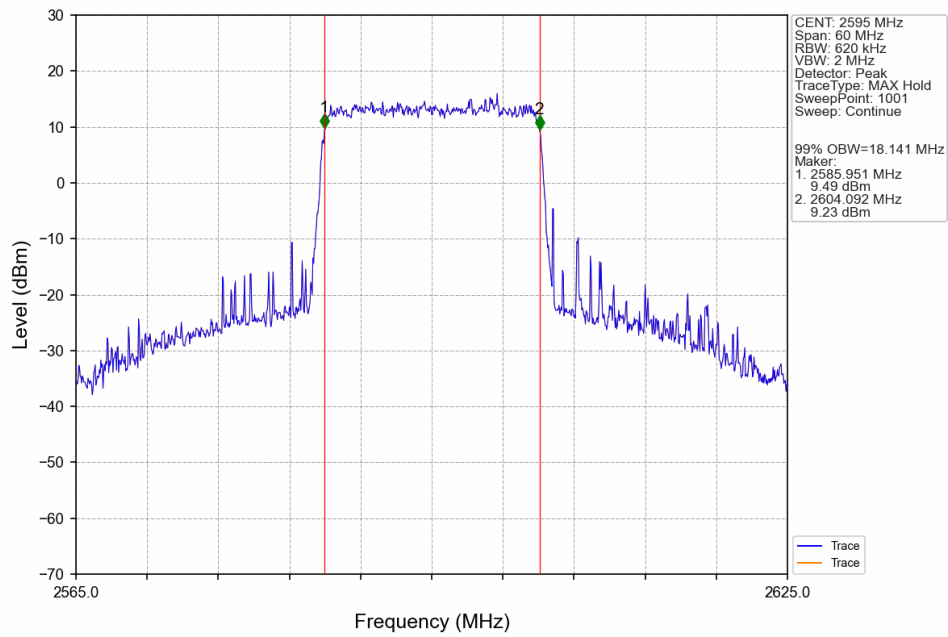
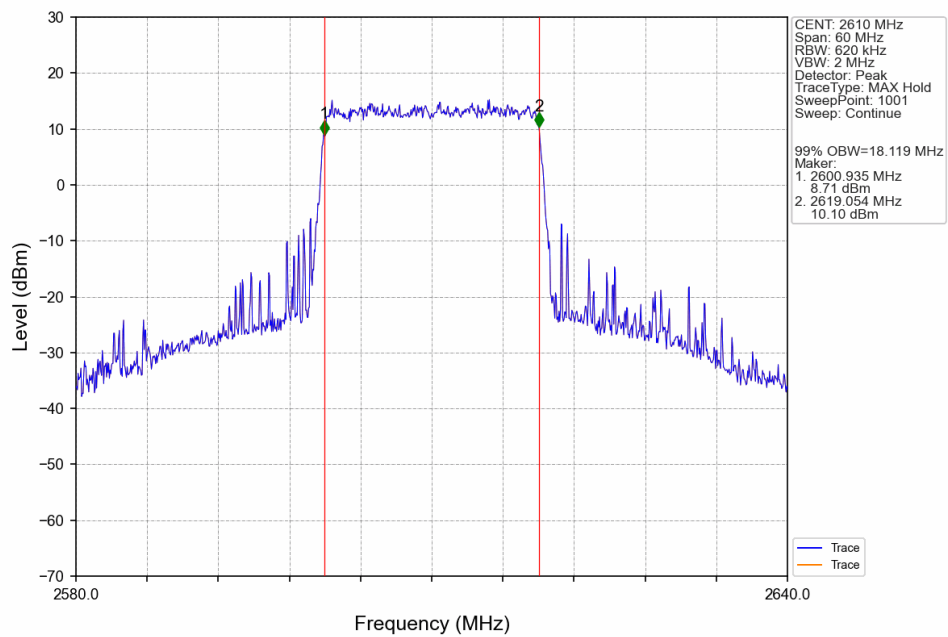


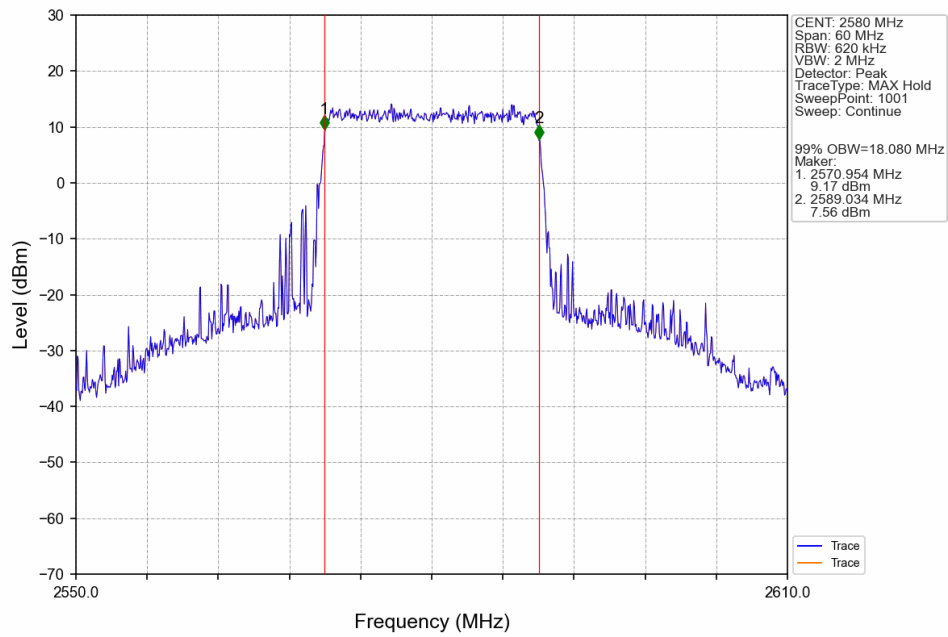
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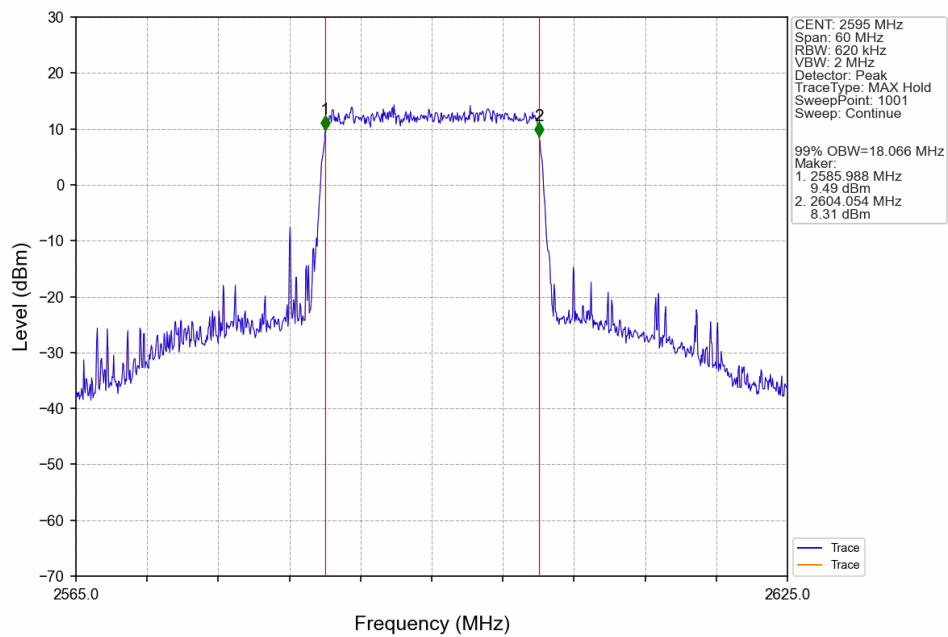
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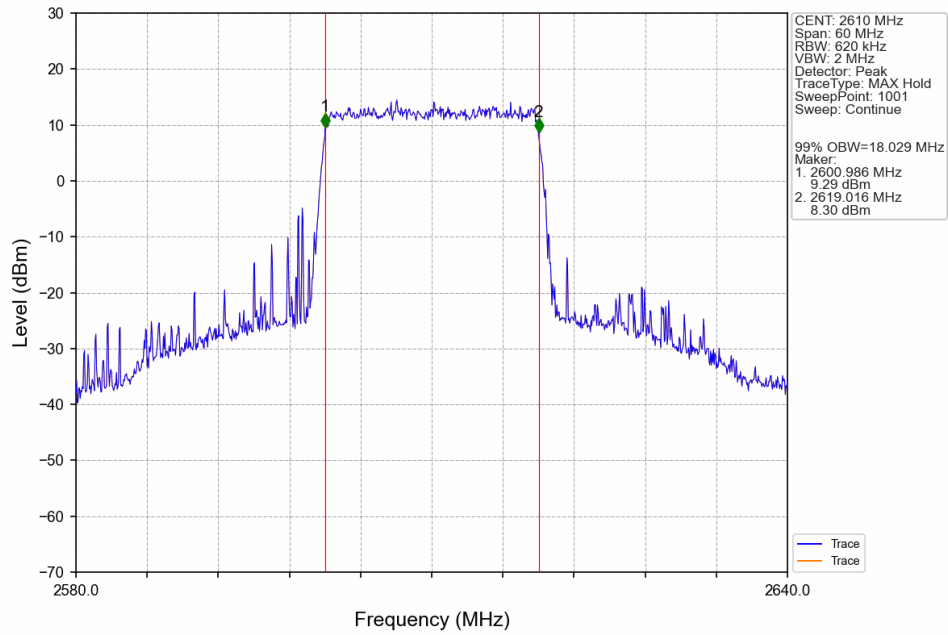
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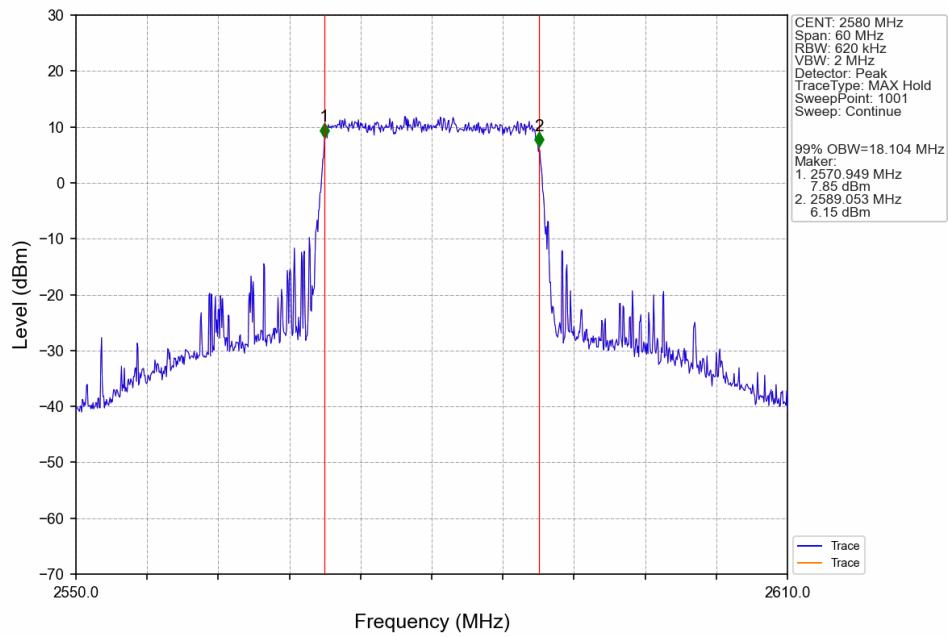
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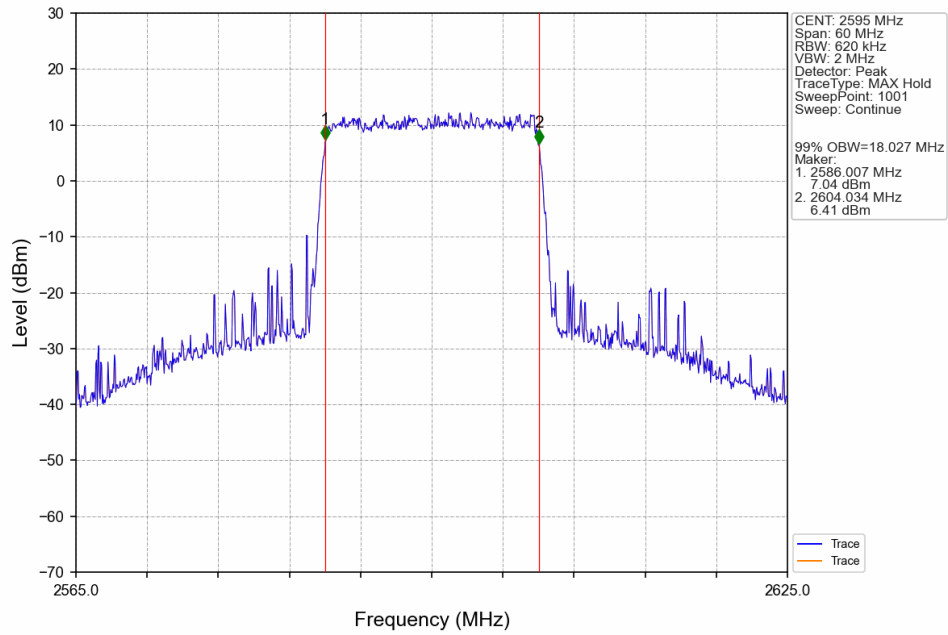
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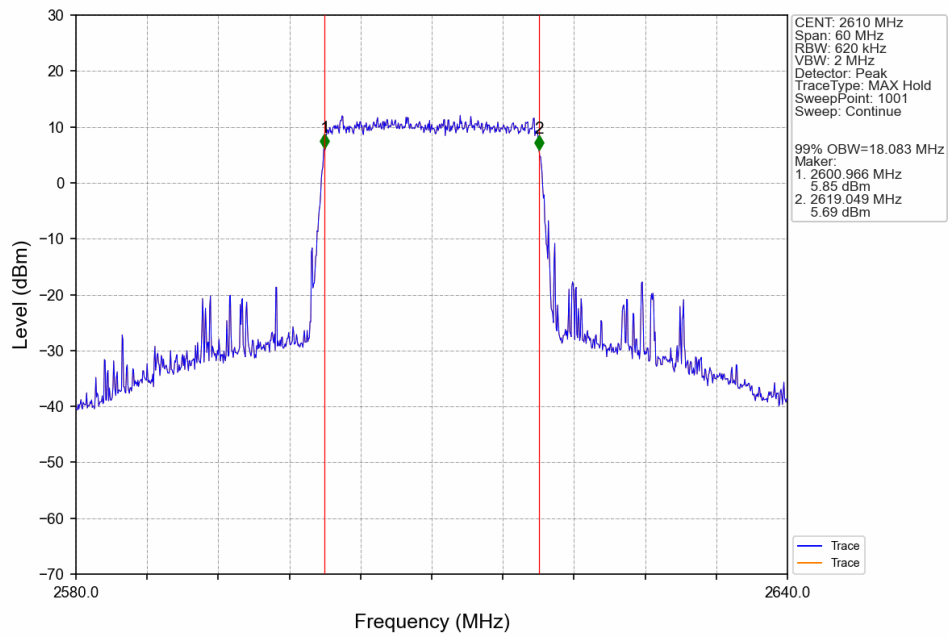
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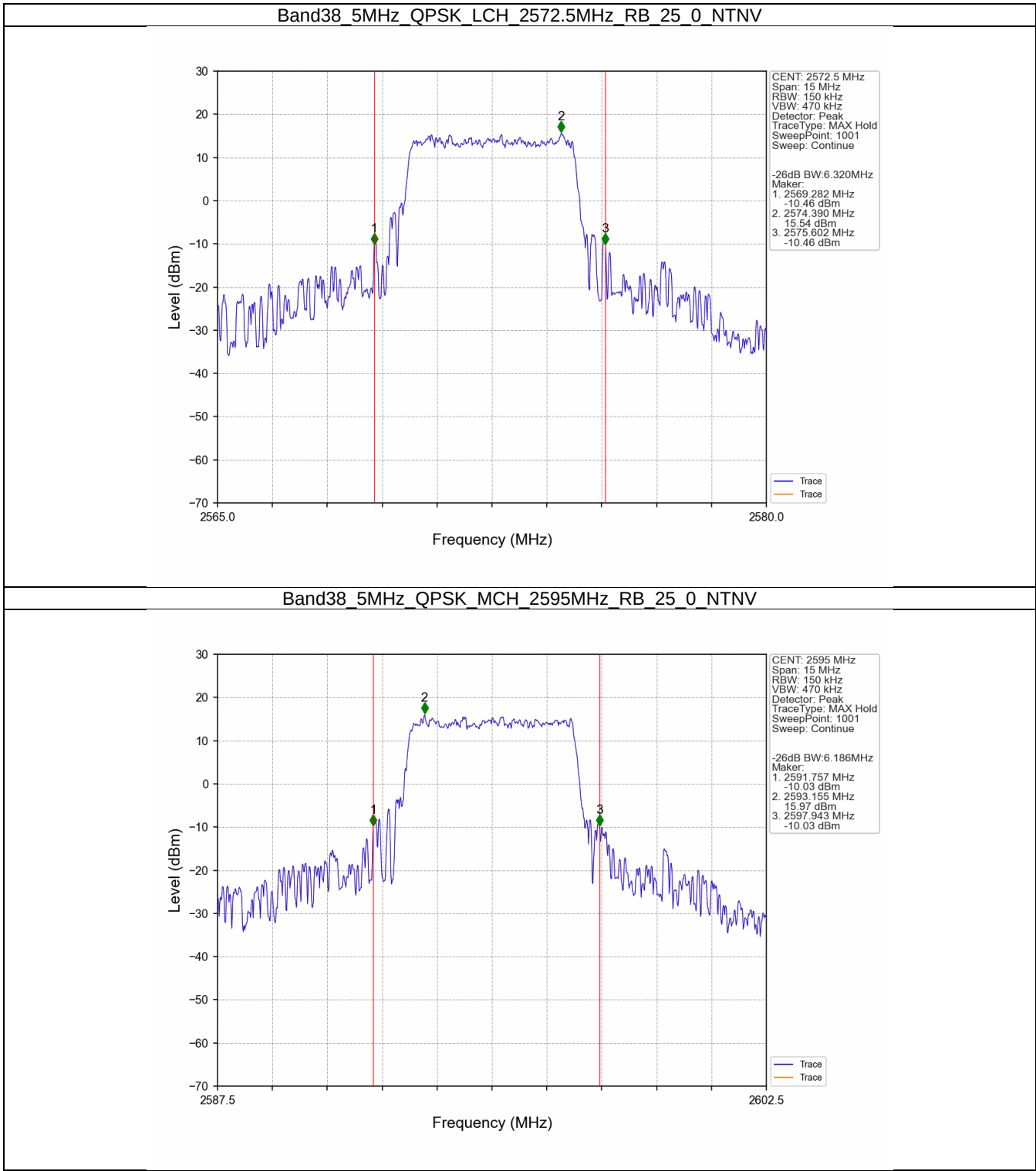
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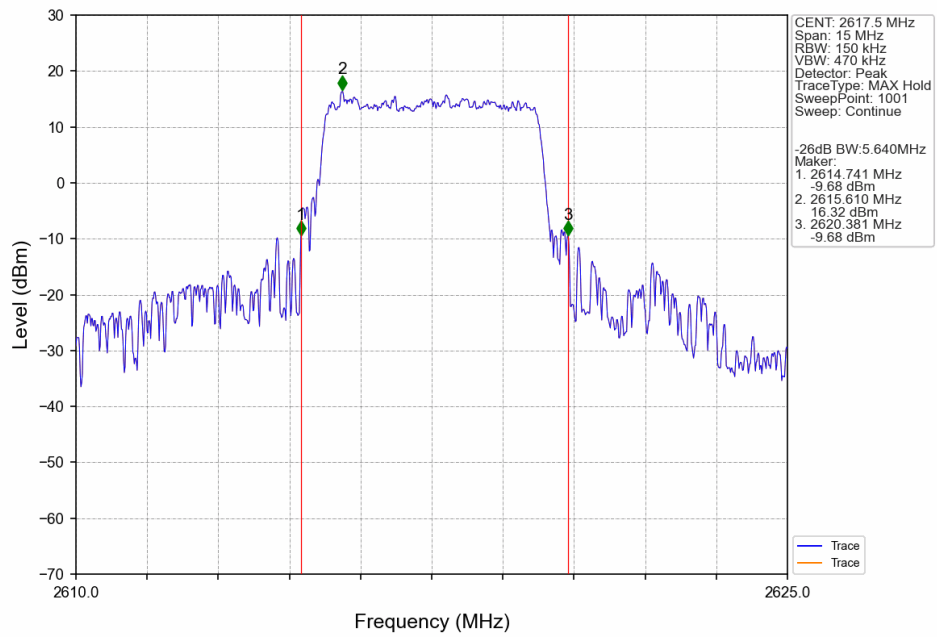
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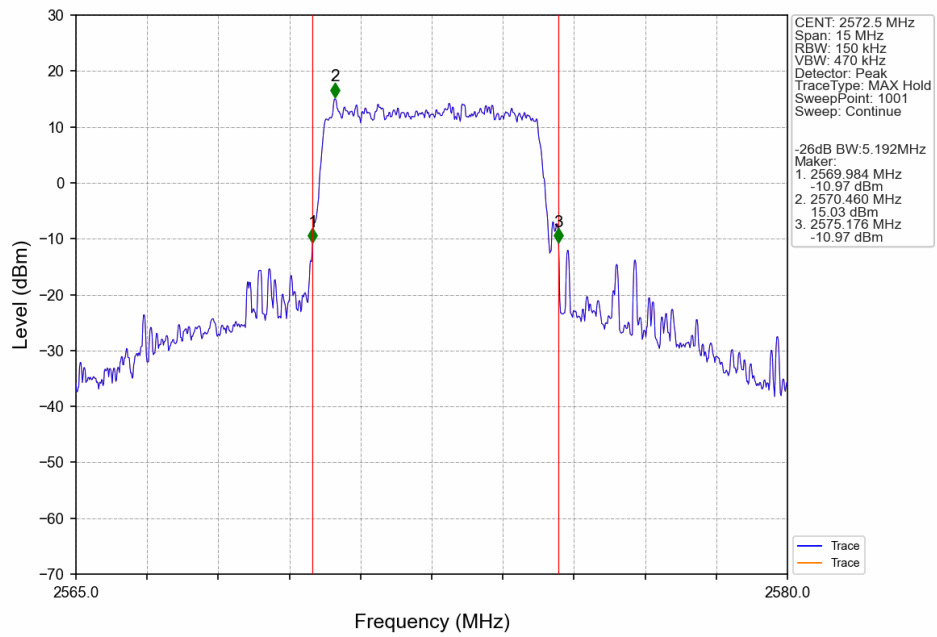
3.2.2 Band38_XDB



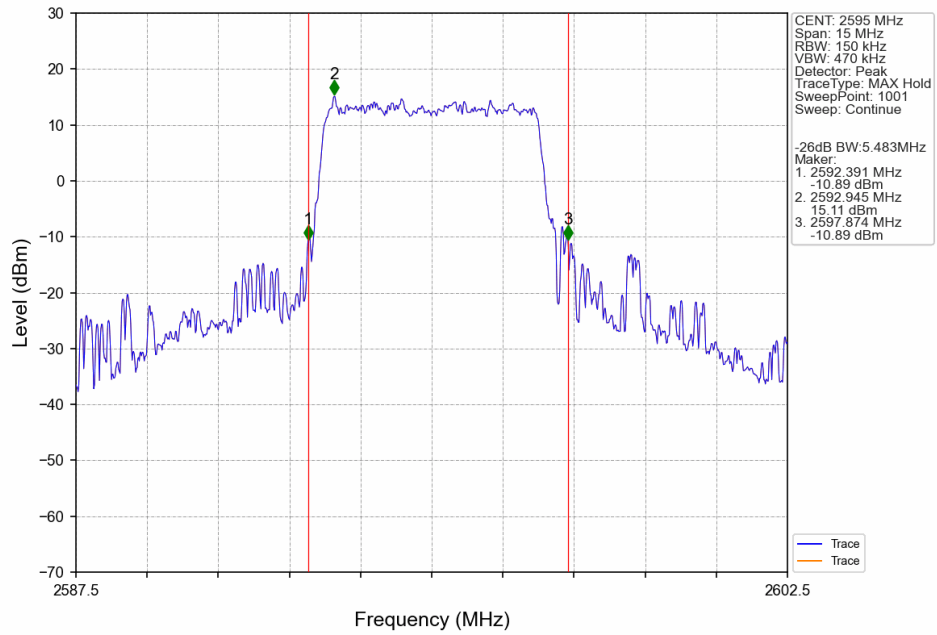
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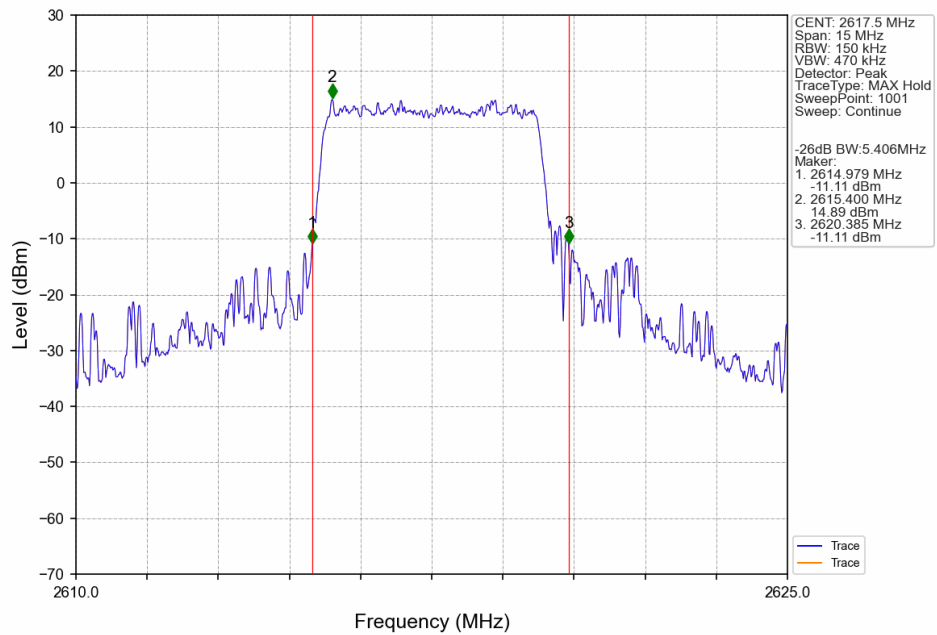
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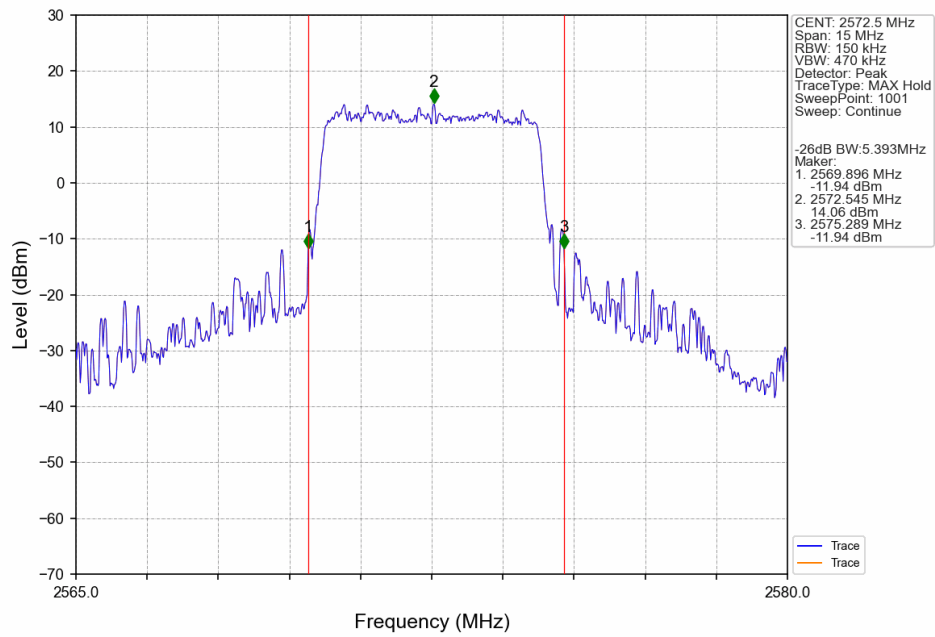
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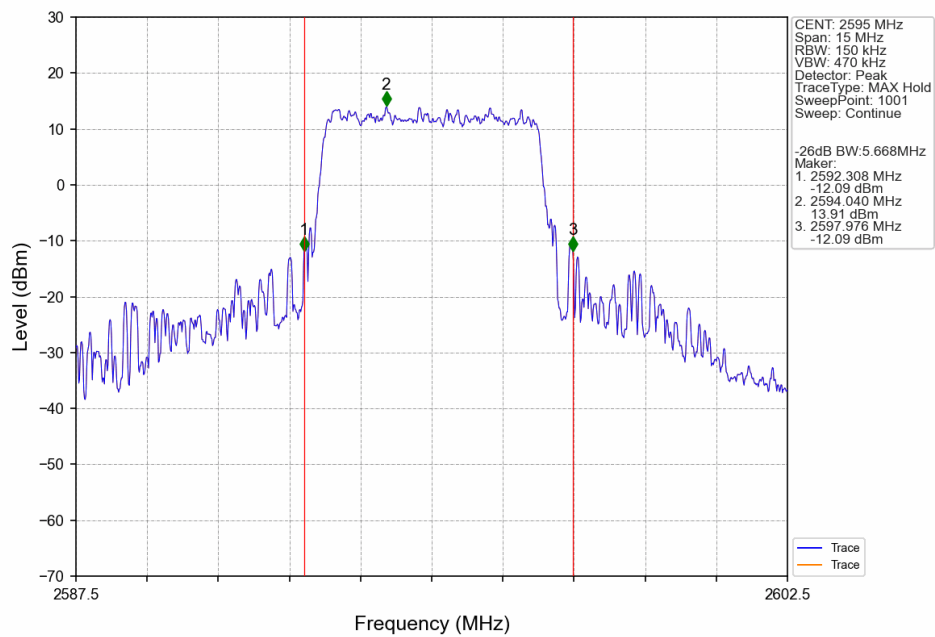
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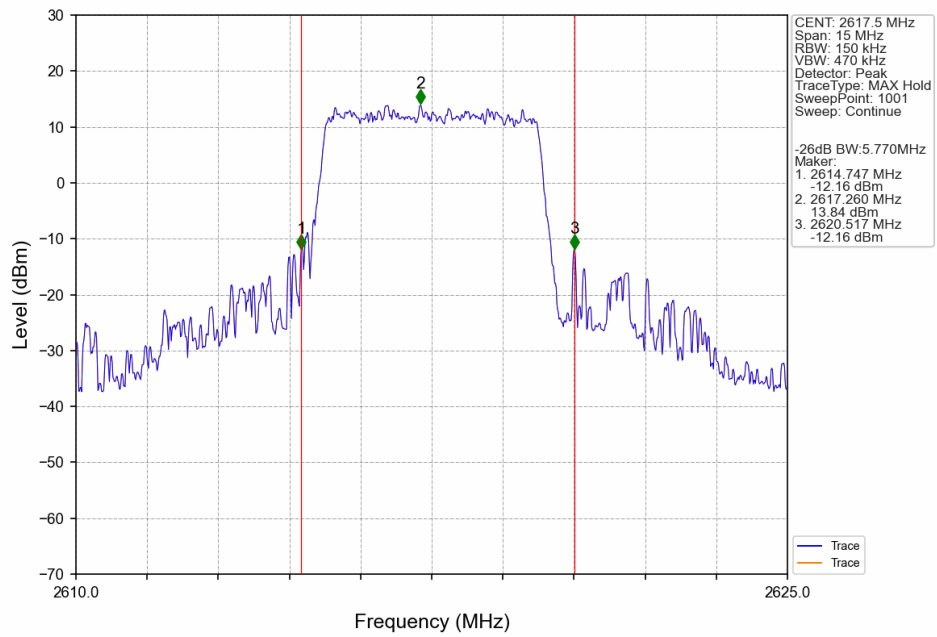
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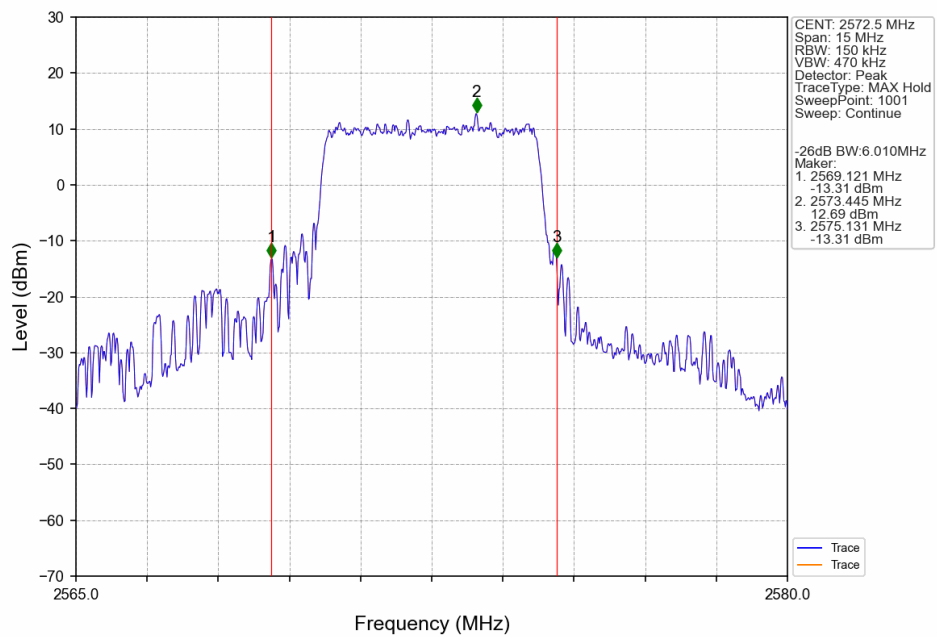
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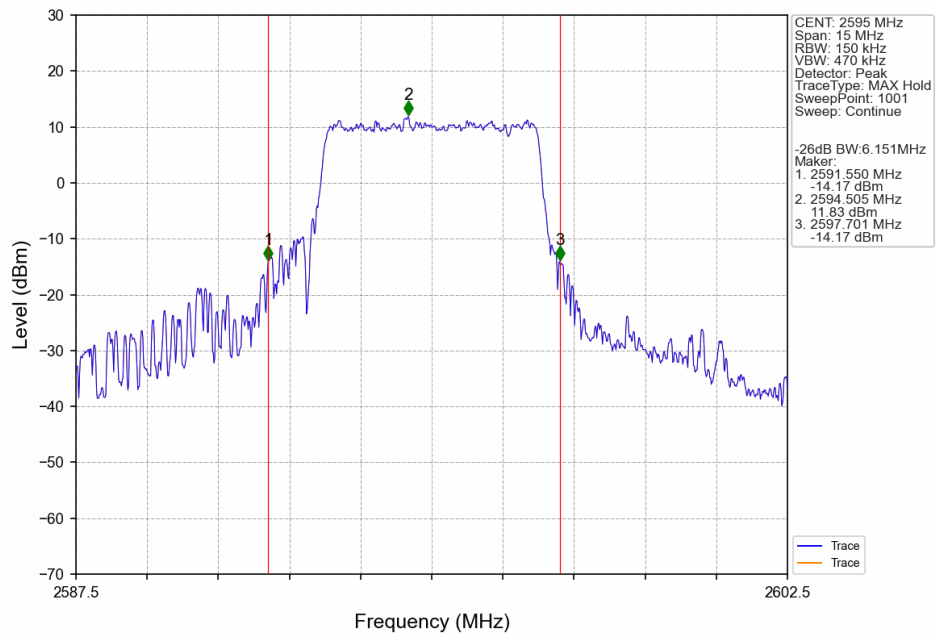
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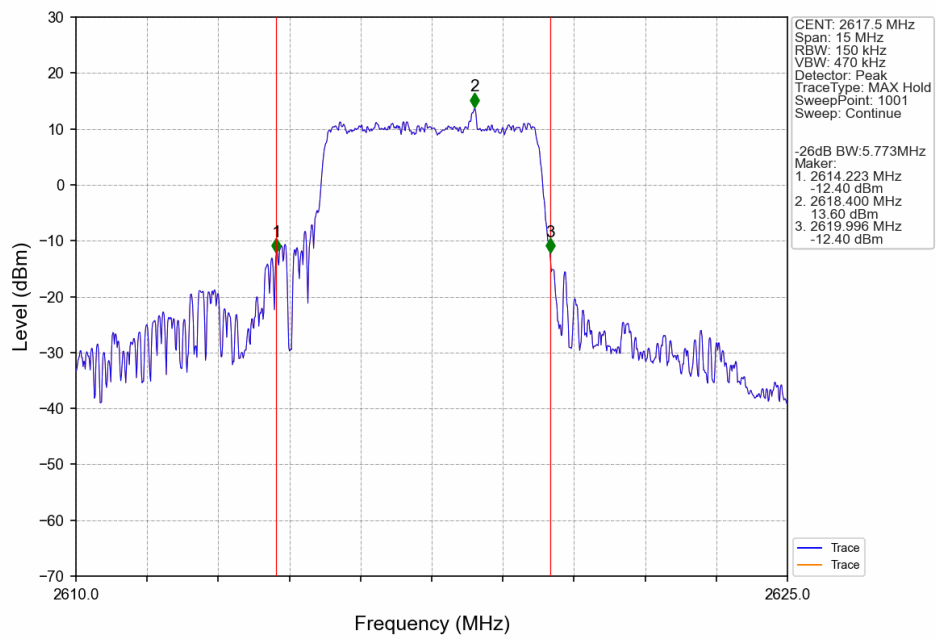
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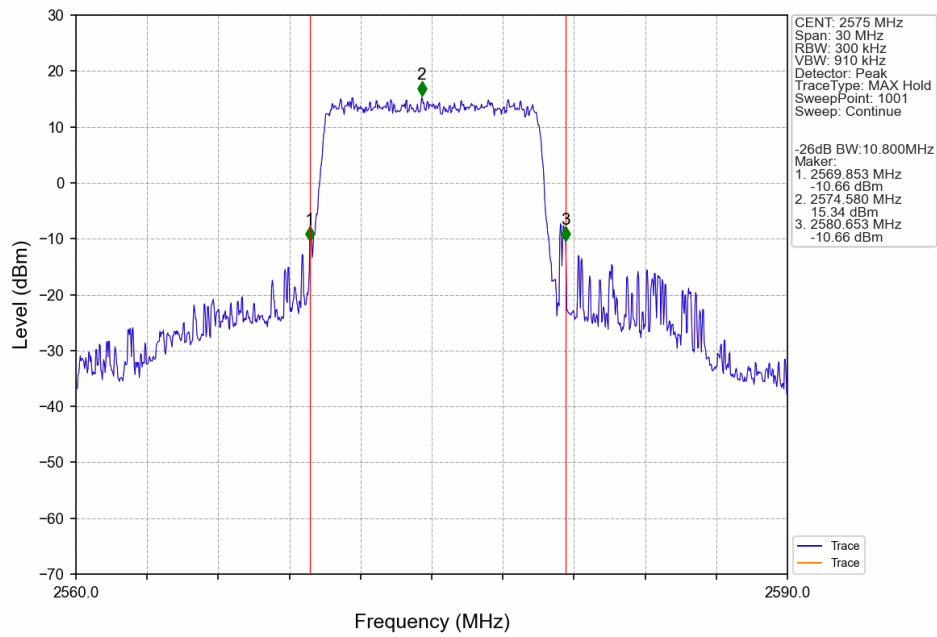
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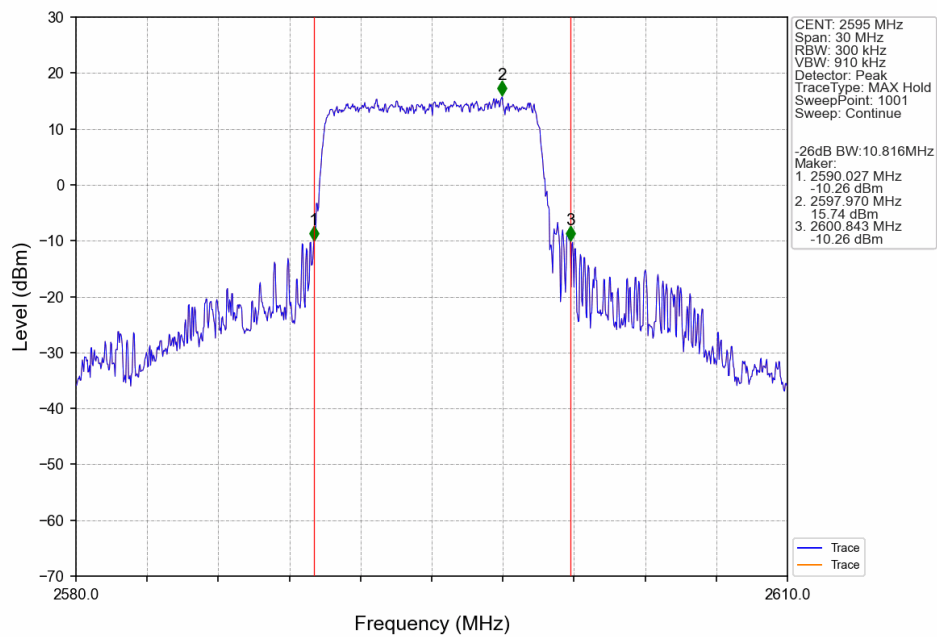
Band38 5MHz 256QAM HCH 2617.5MHz RB 25 0 NTNV



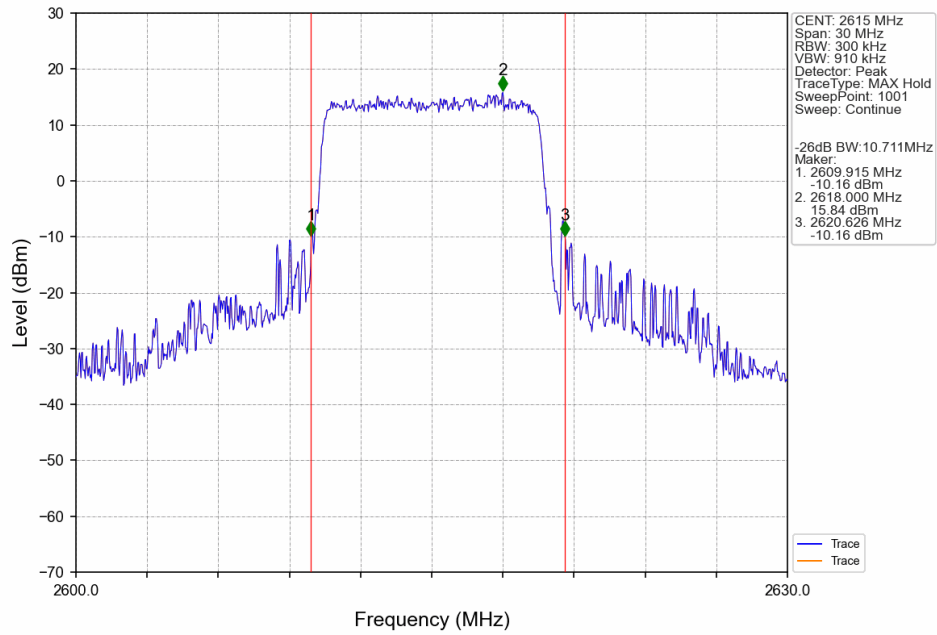
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTN



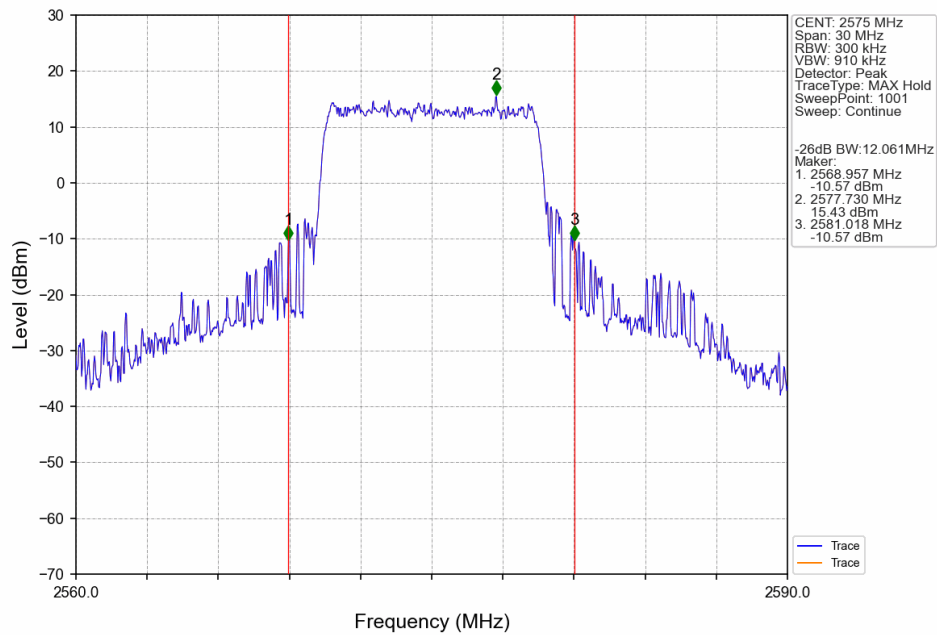
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTN



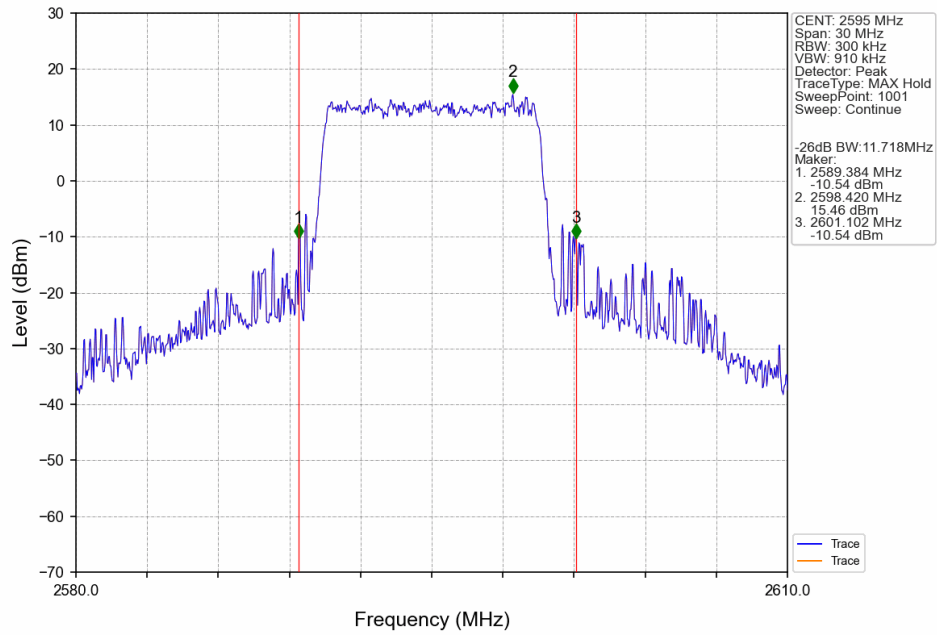
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTNV



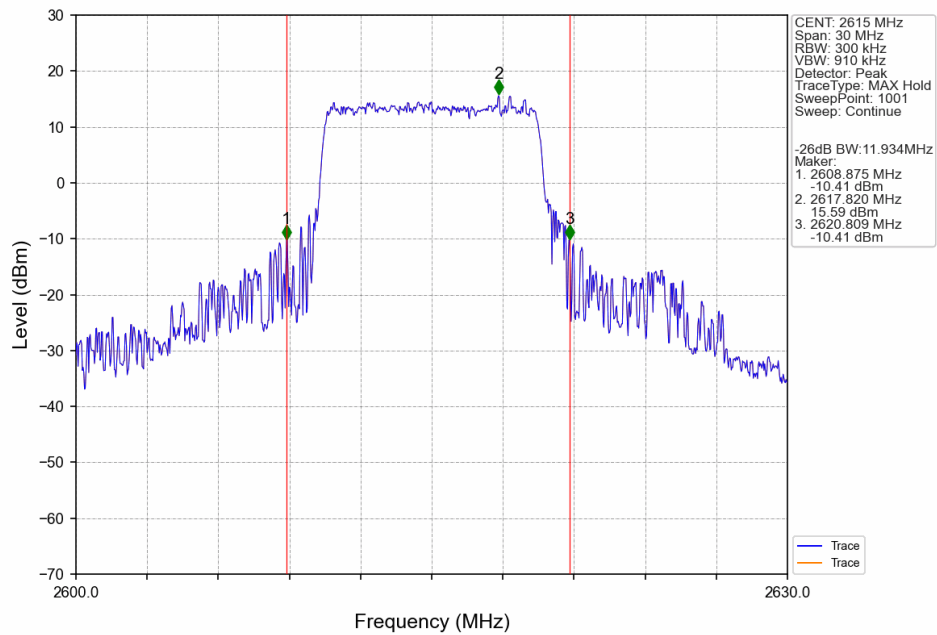
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTNV



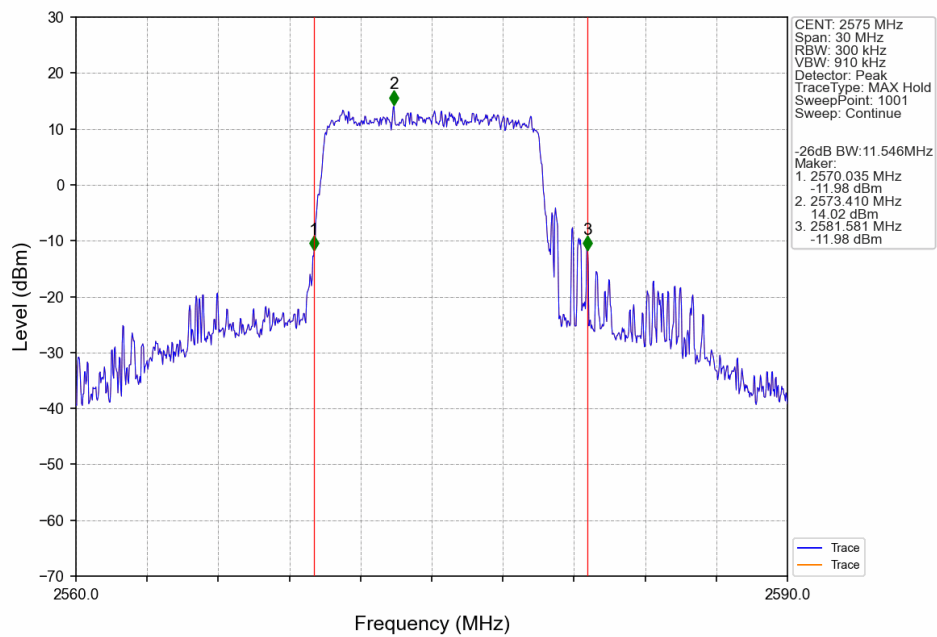
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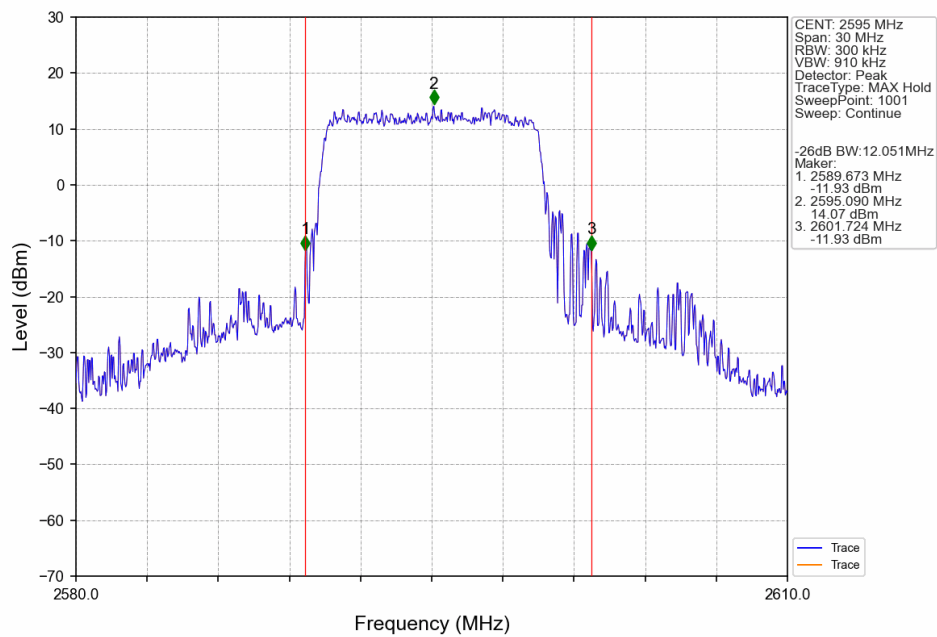
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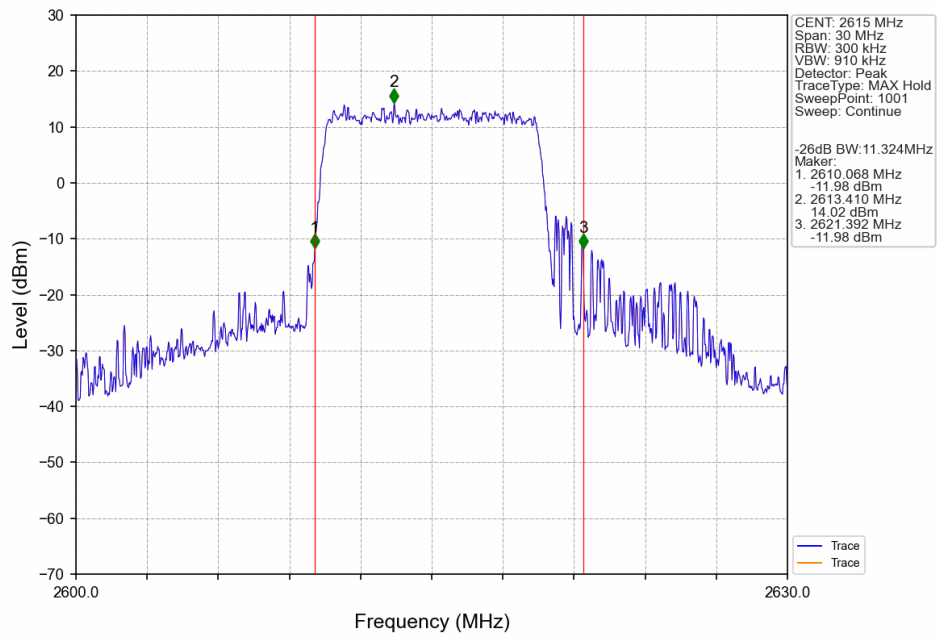
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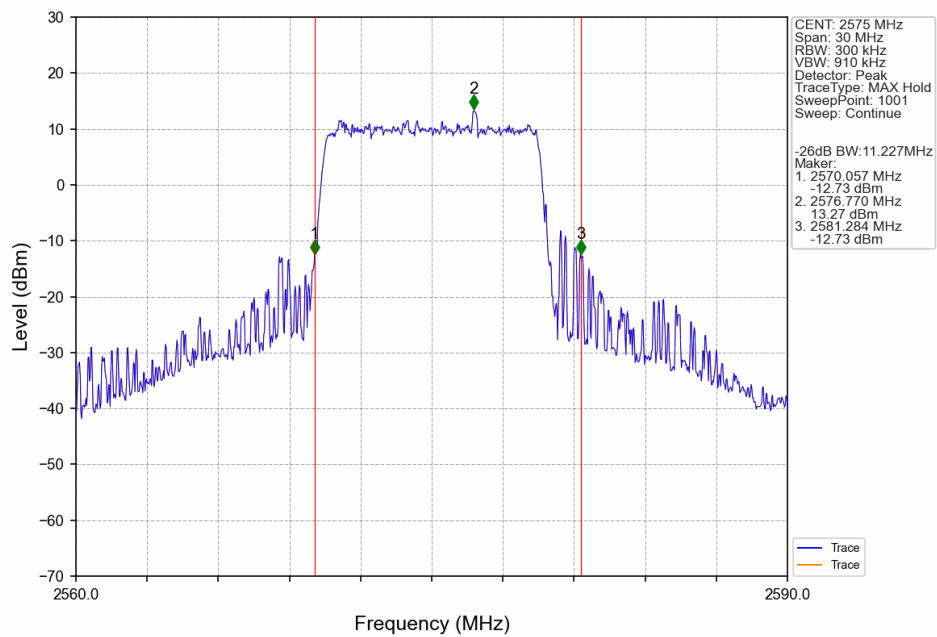
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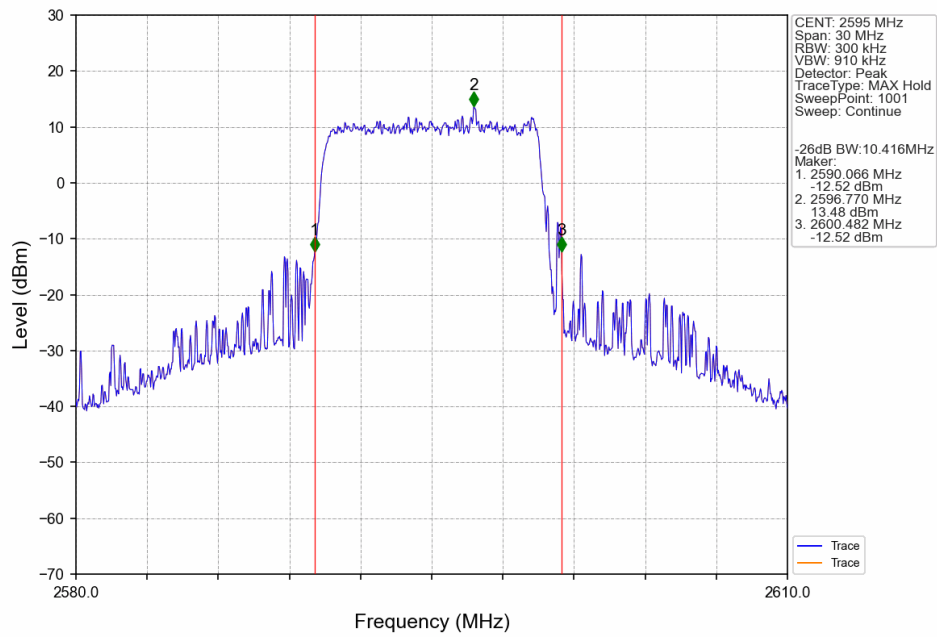
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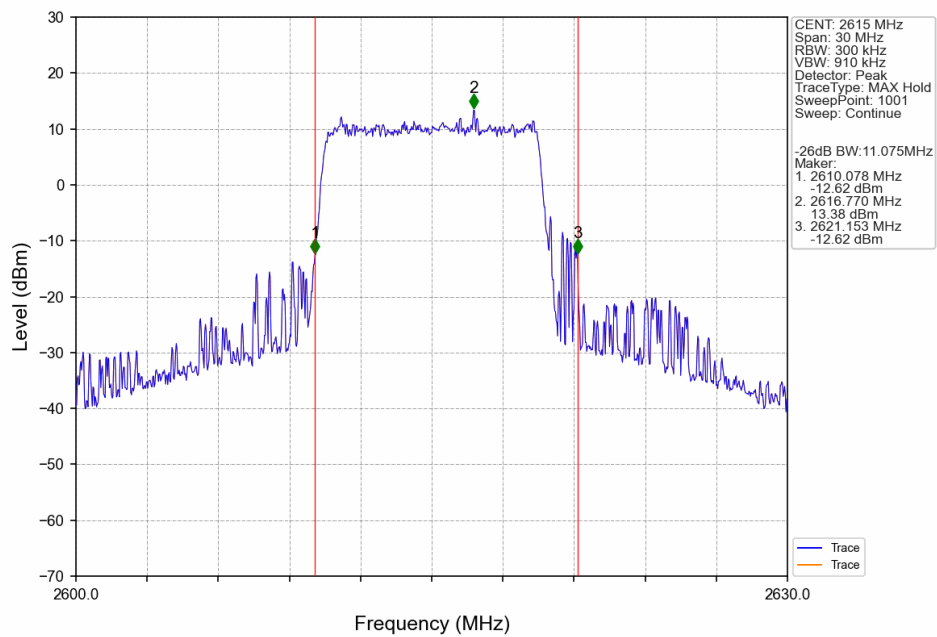
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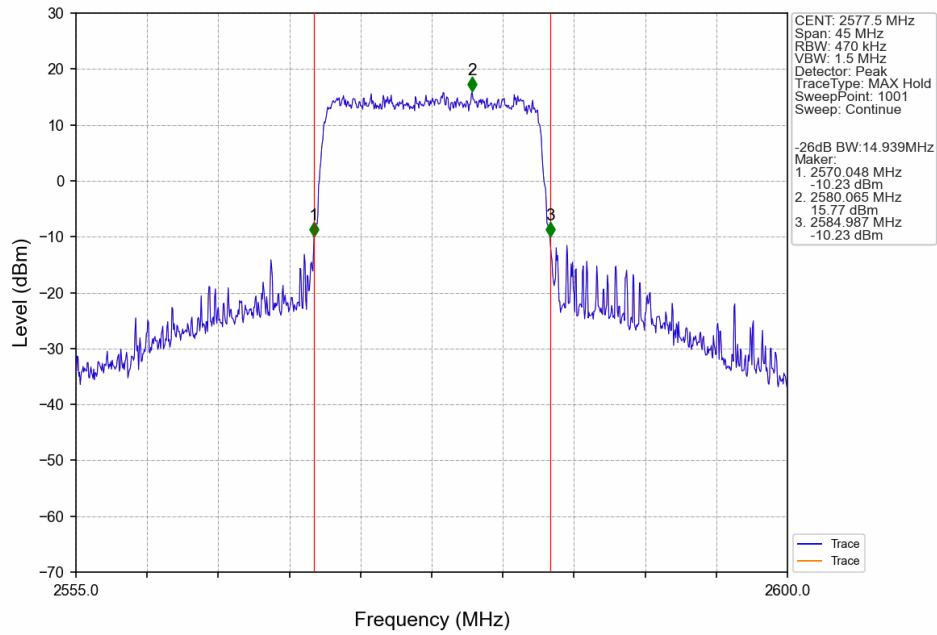
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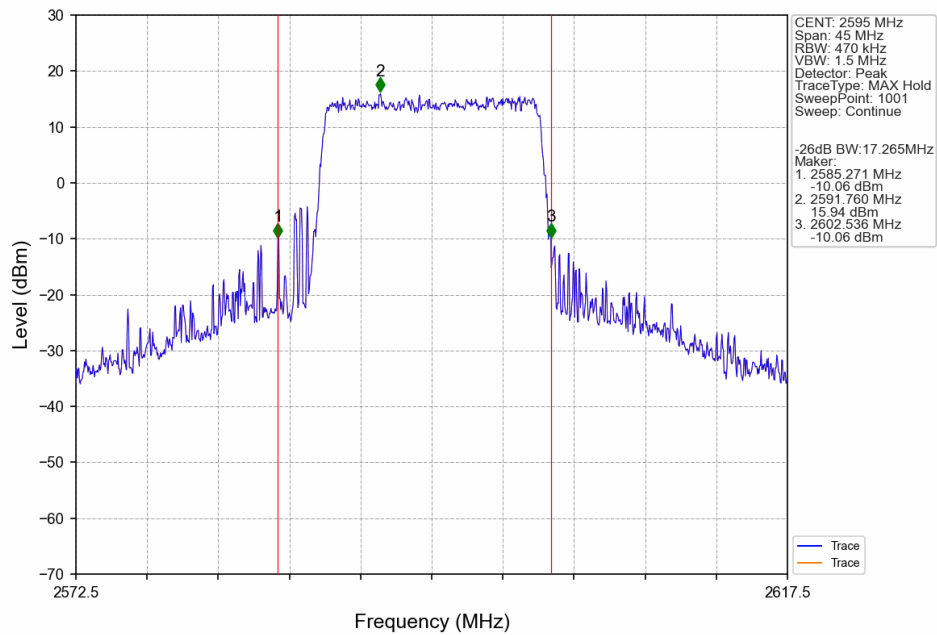
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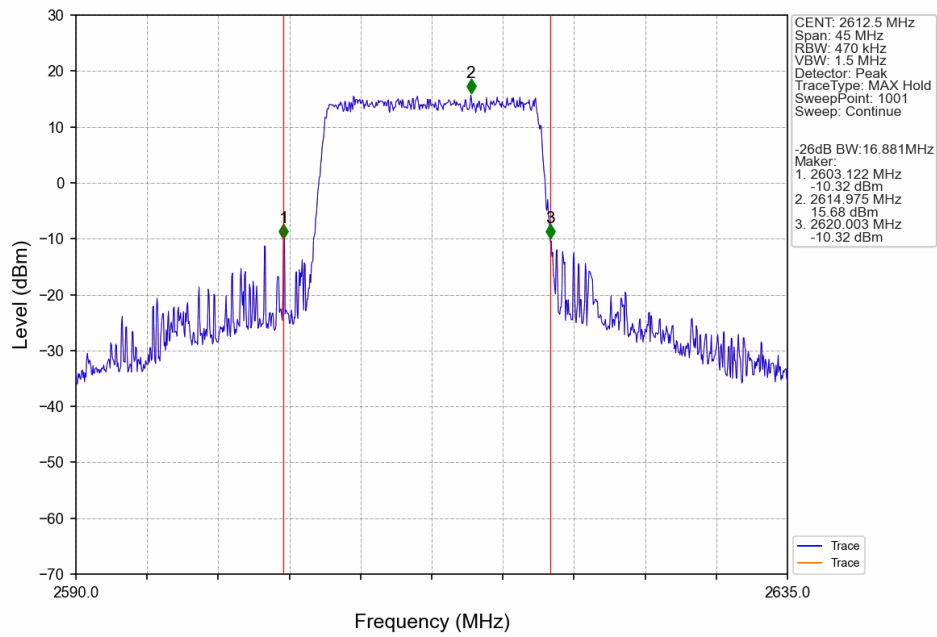
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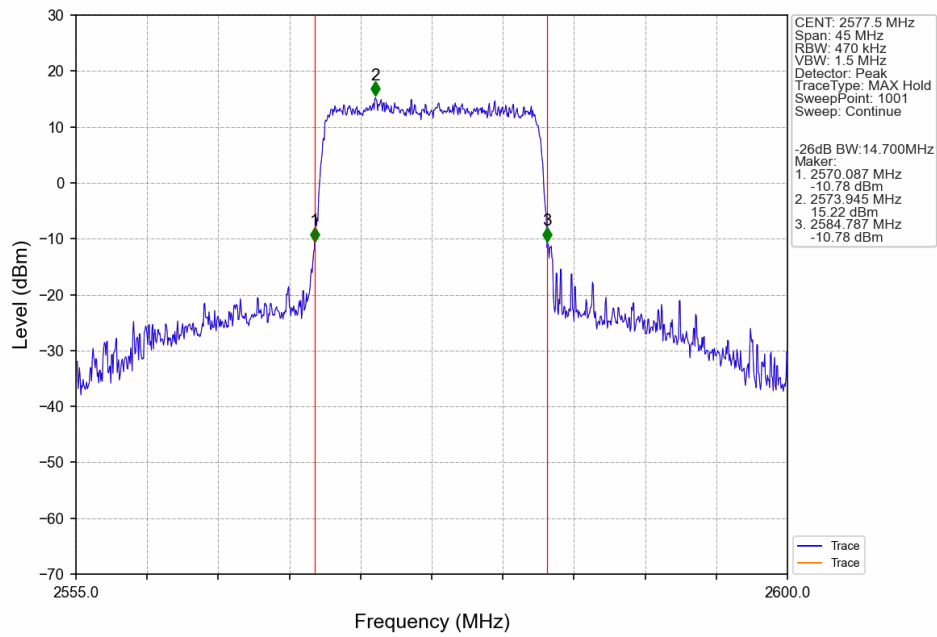
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



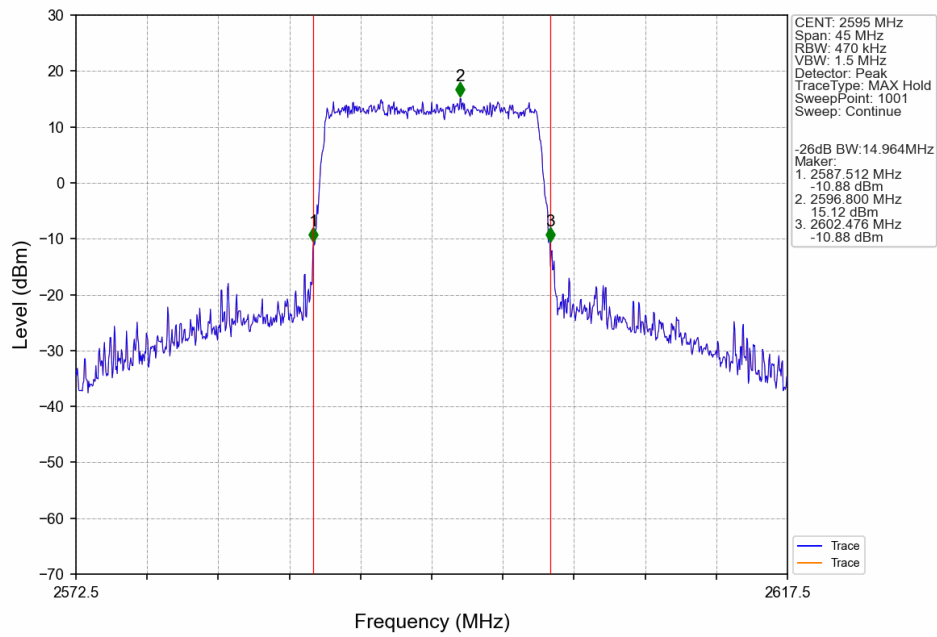
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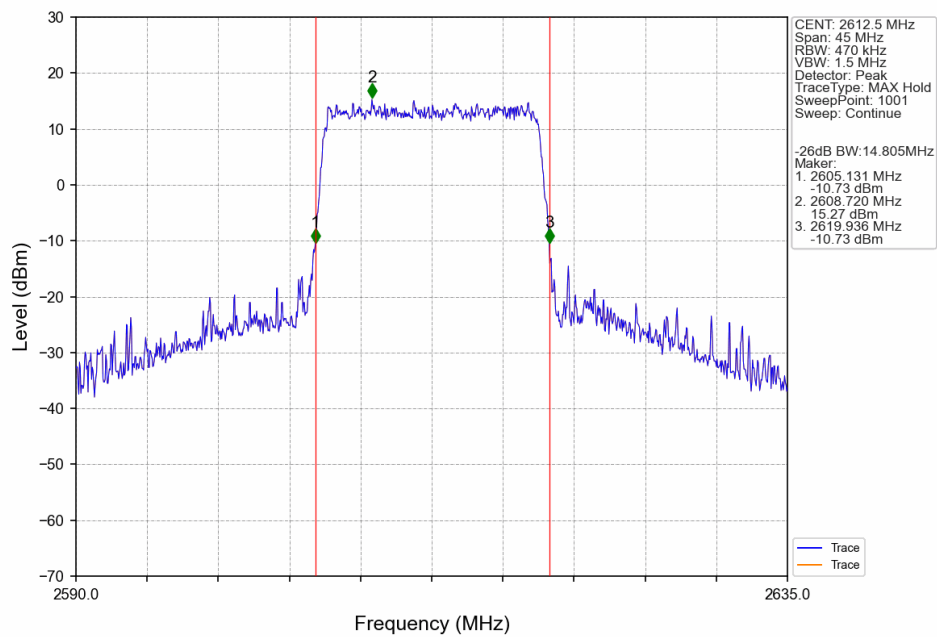
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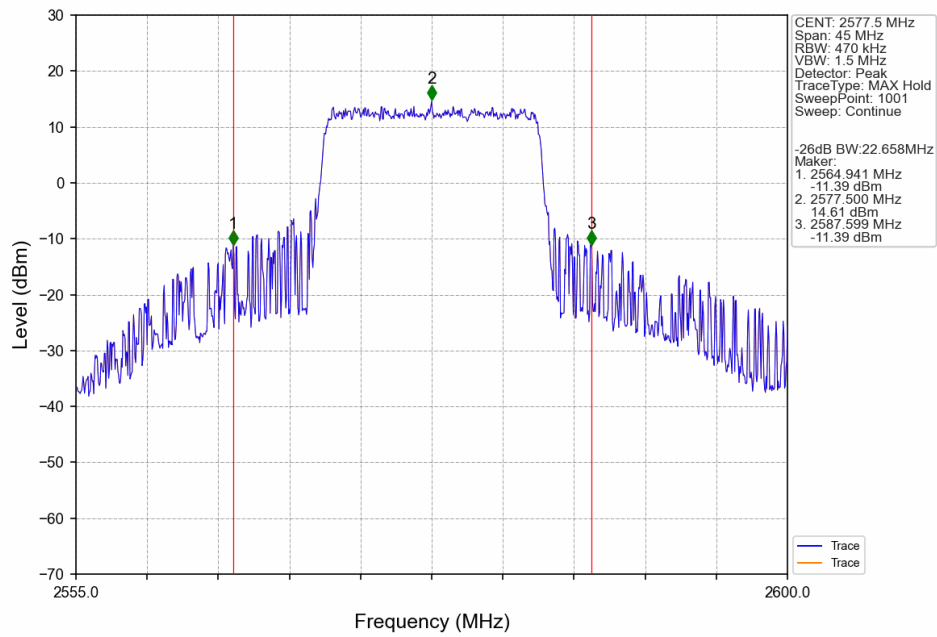
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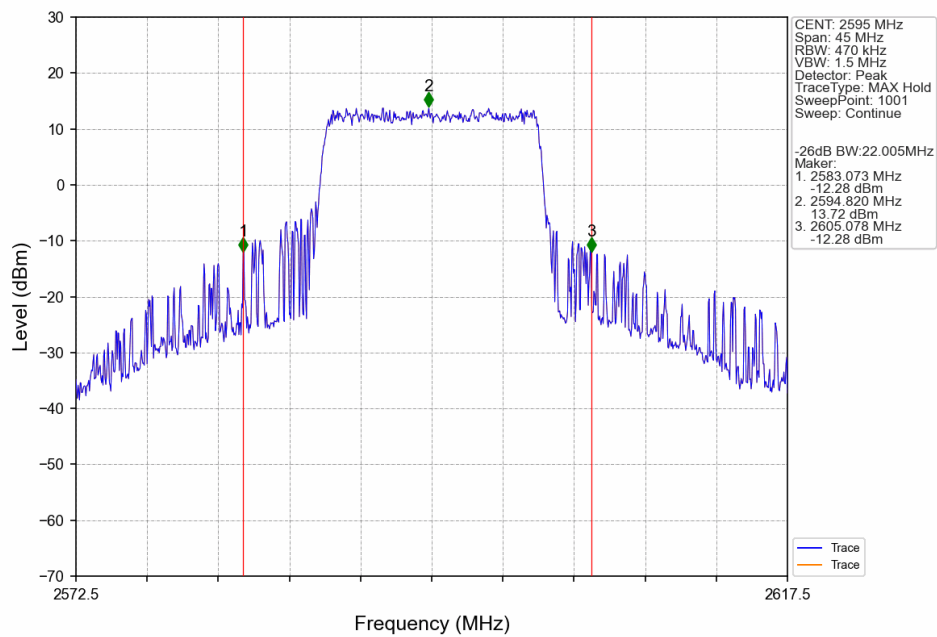
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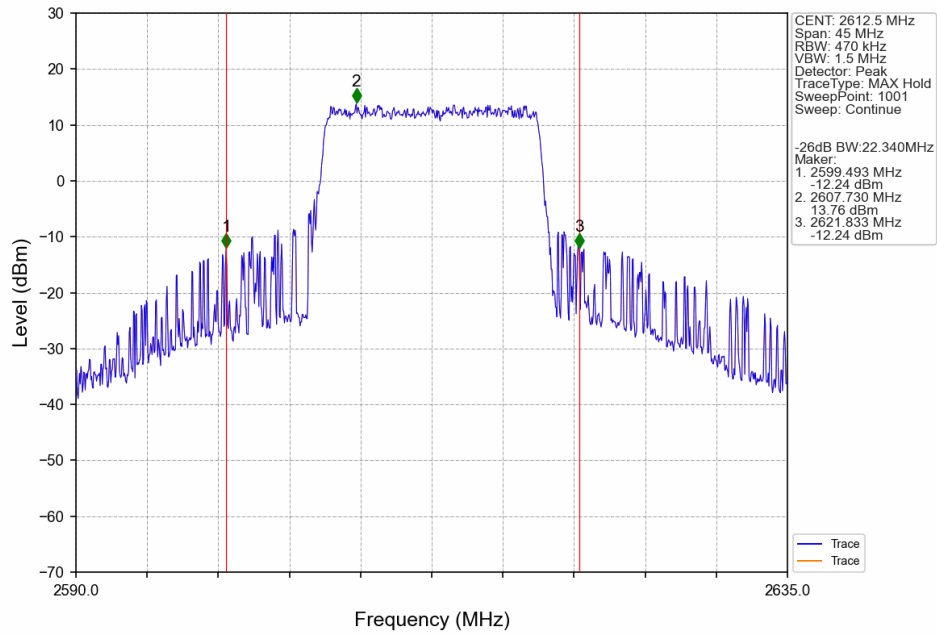
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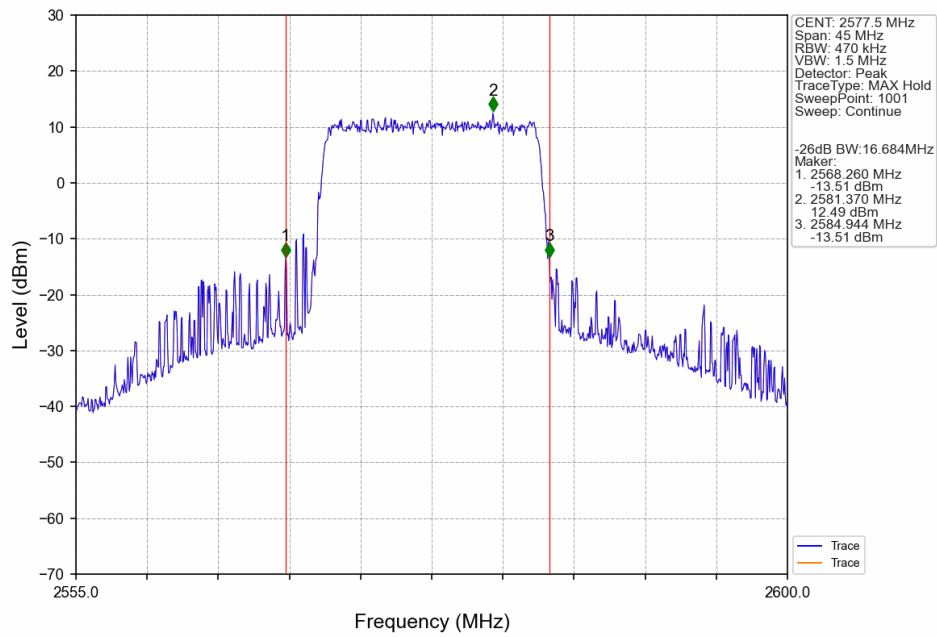
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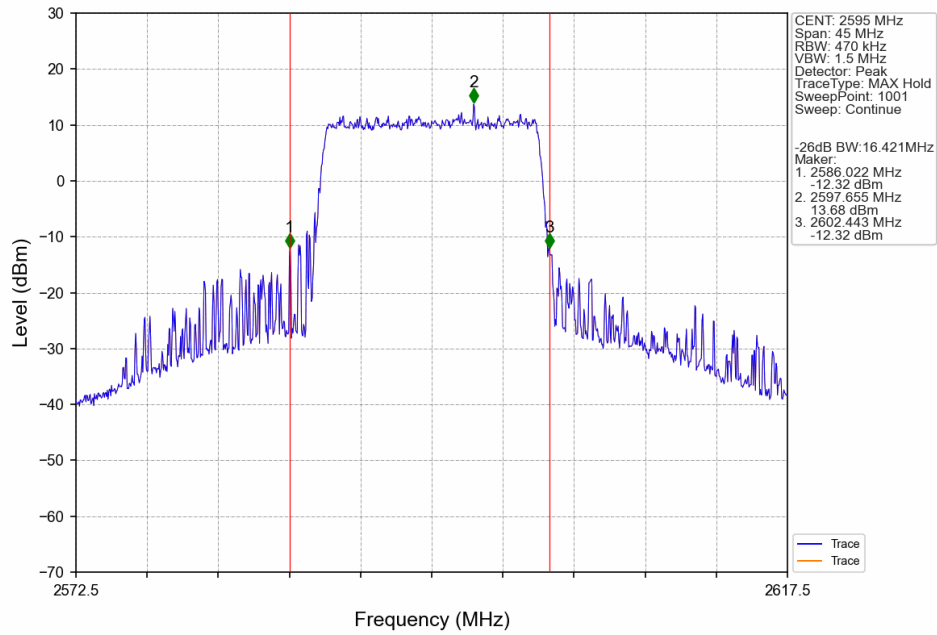
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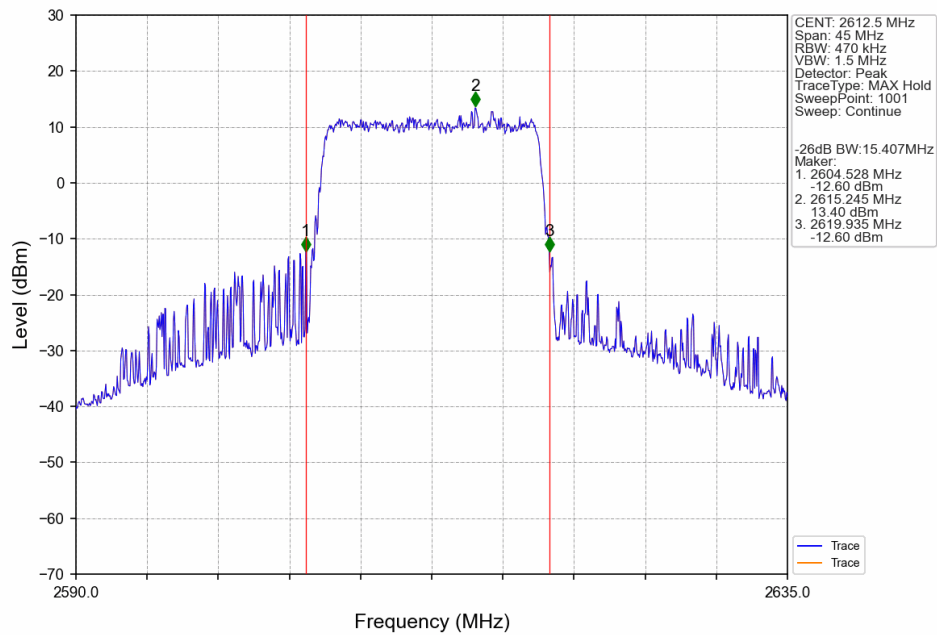
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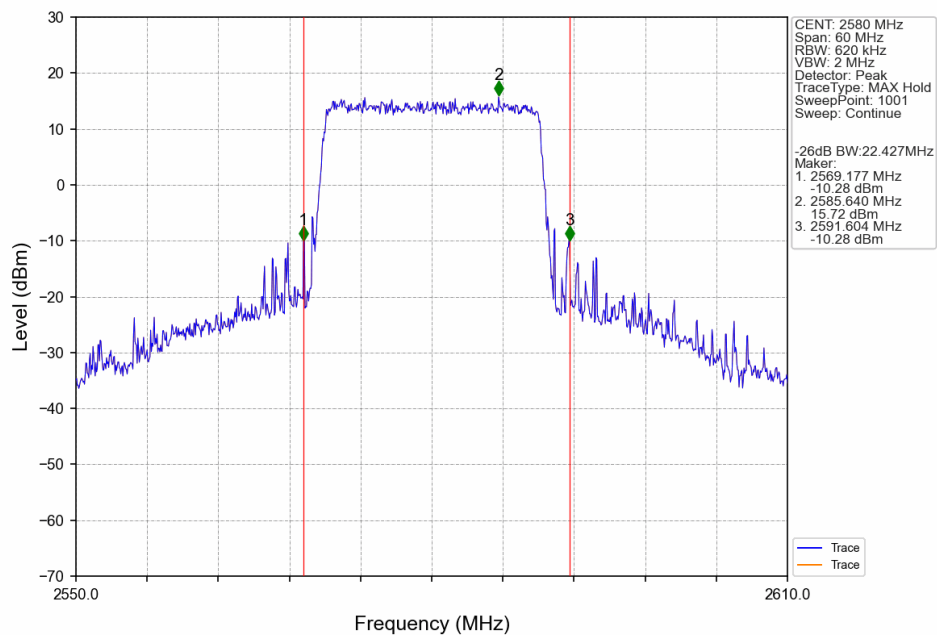
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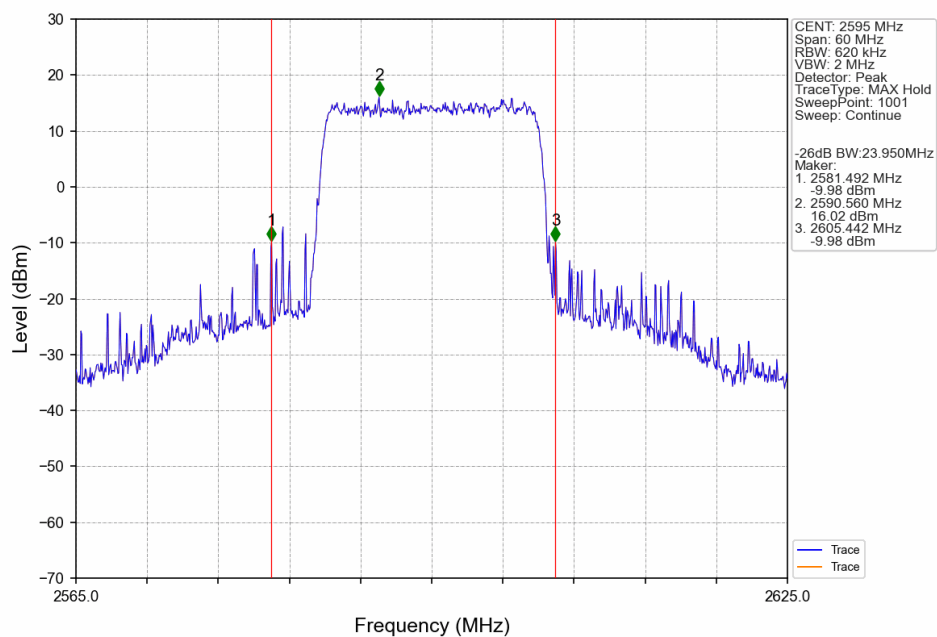
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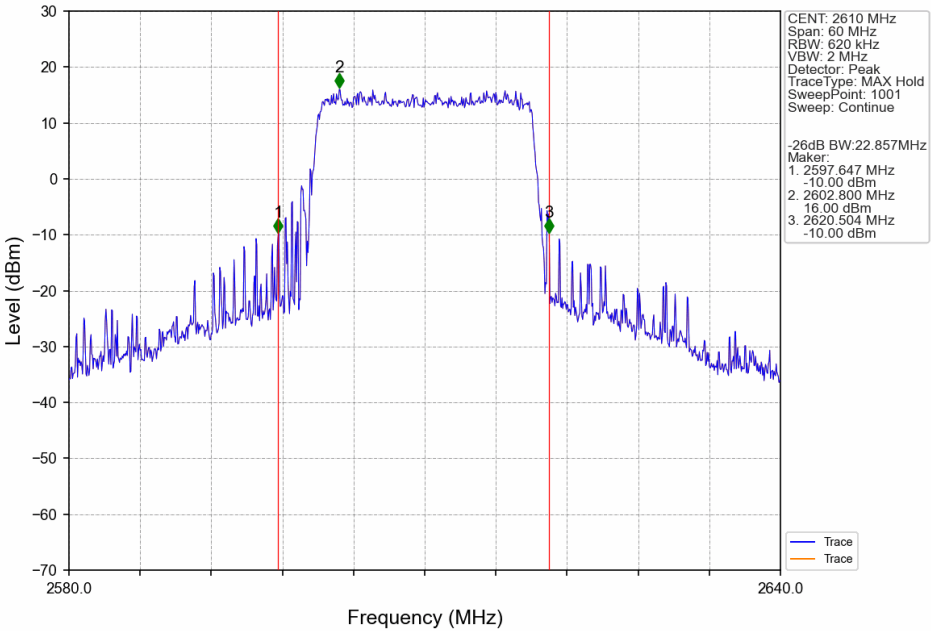
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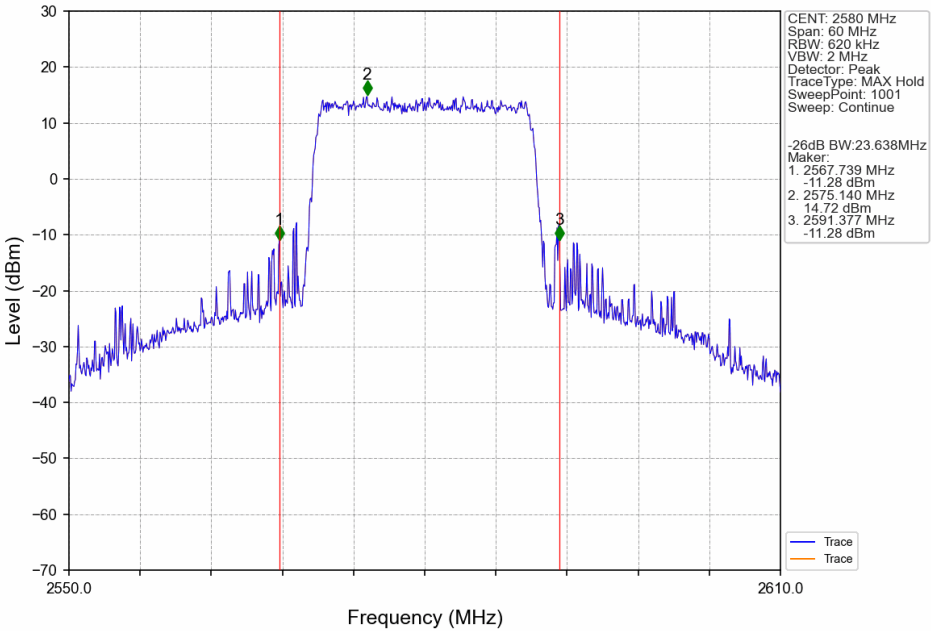
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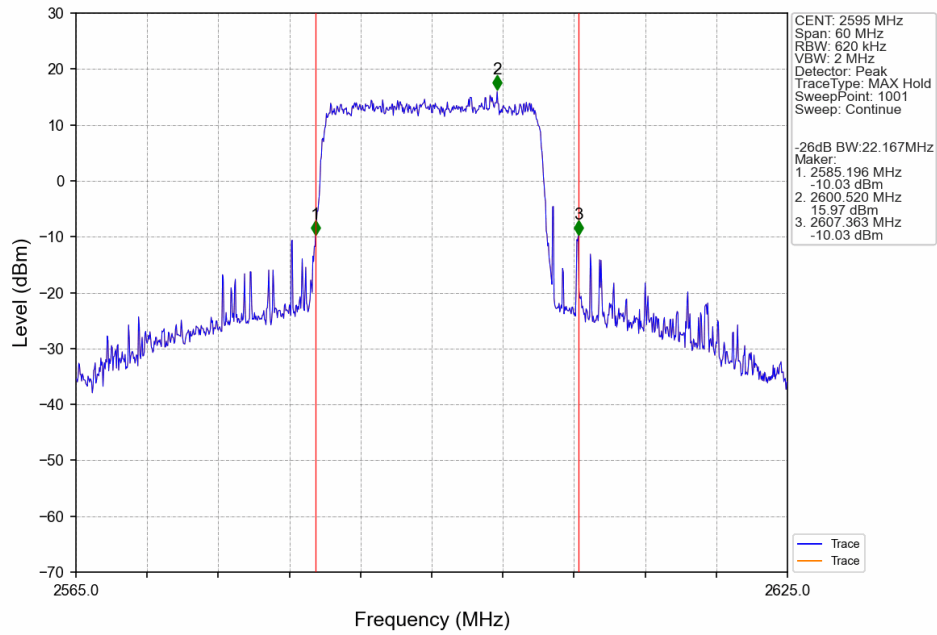
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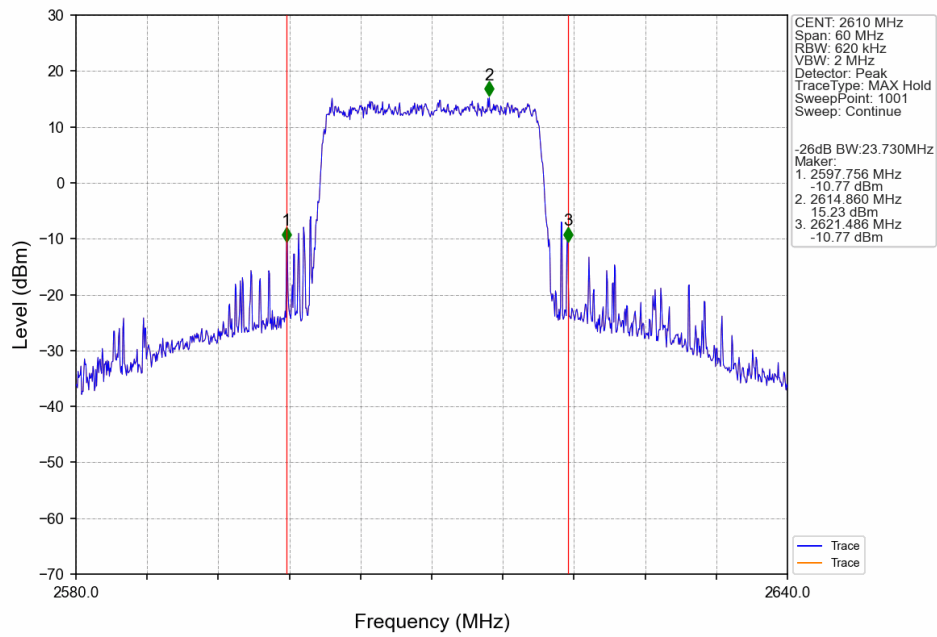
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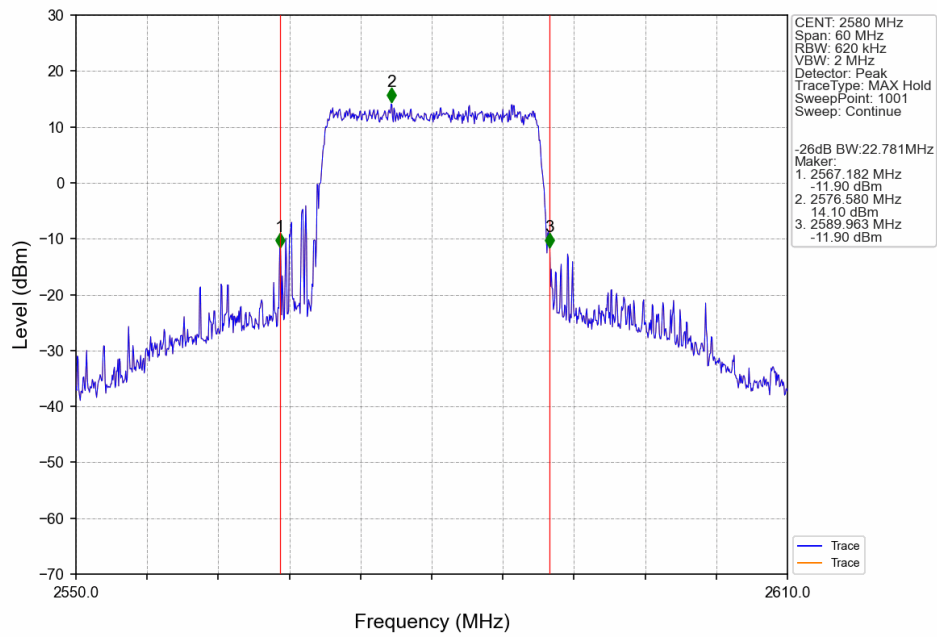
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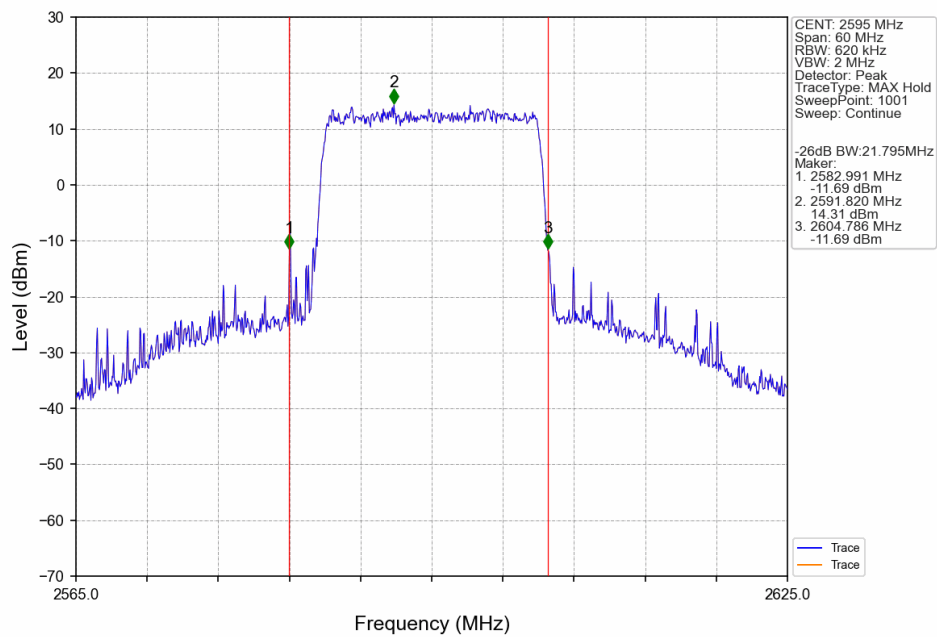
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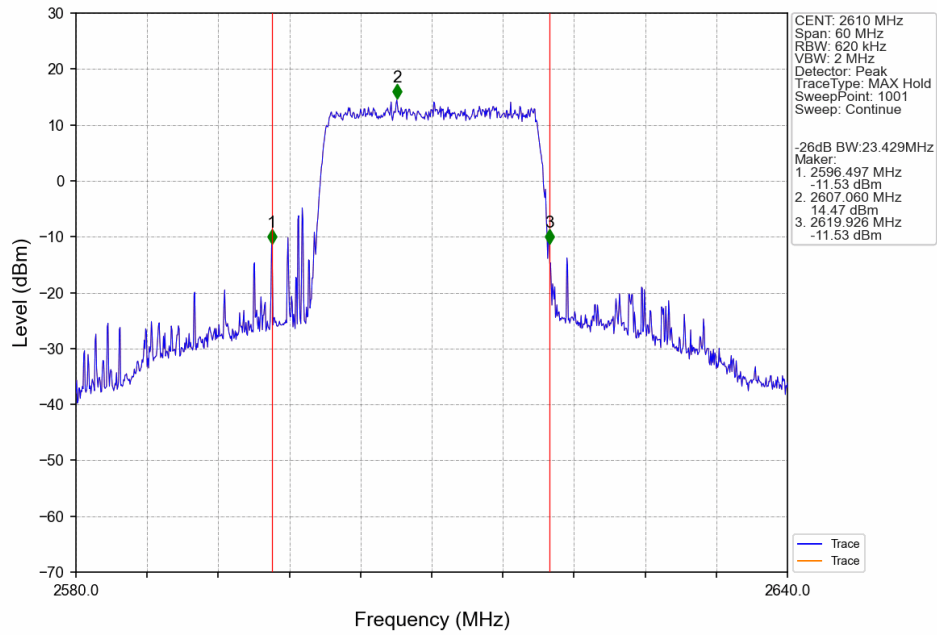
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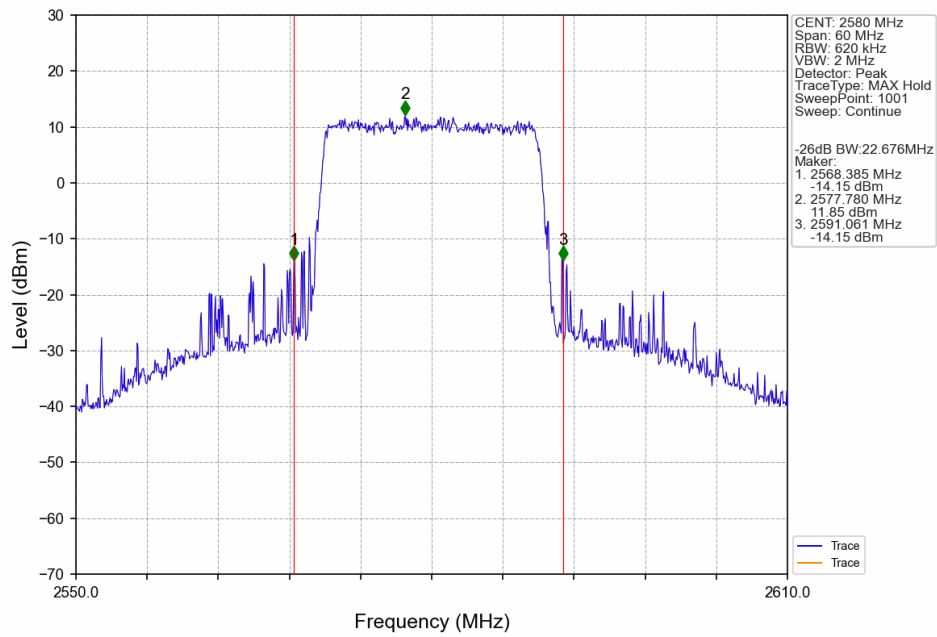
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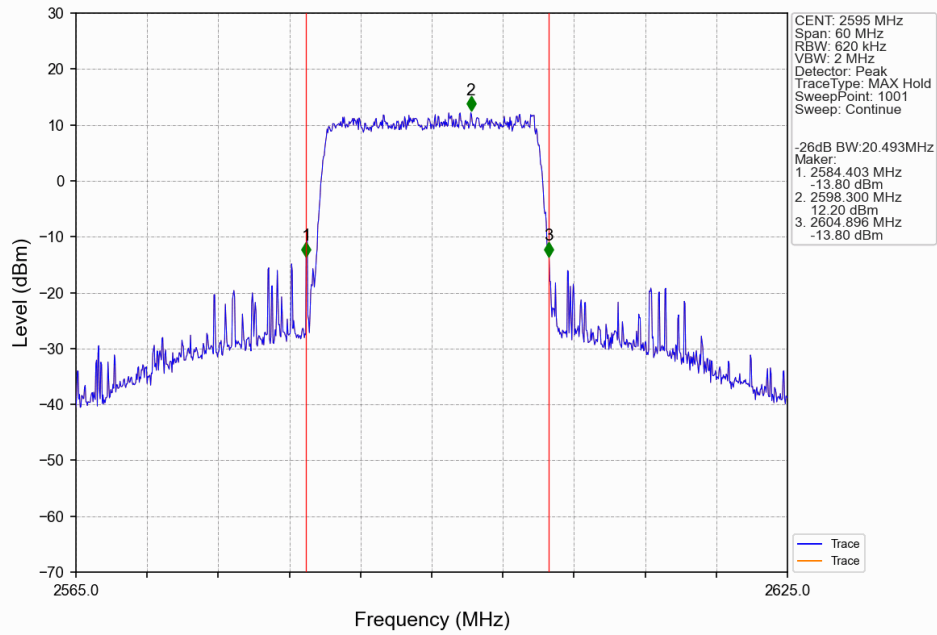
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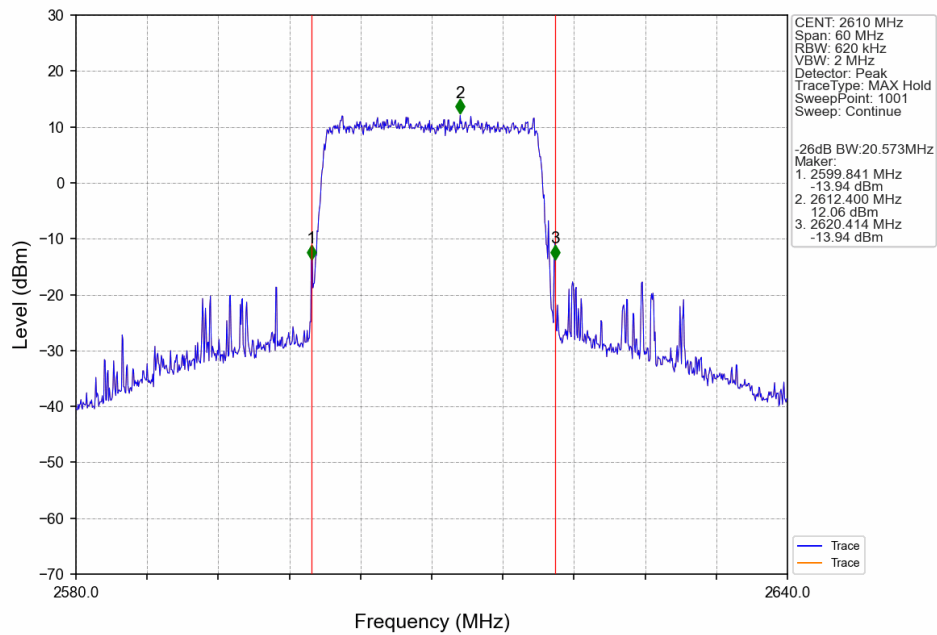
Band38 20MHz 256QAM LCH 2580MHz RB 100 0 NTN



Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTN



Band38 20MHz 256QAM HCH 2610MHz RB 100 0 NTN



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.99	<=13	Pass
	2595	25	0	7.85	<=13	Pass
	2617.5	25	0	7.82	<=13	Pass
16QAM	2572.5	25	0	8.61	<=13	Pass
	2595	25	0	8.51	<=13	Pass
	2617.5	25	0	8.53	<=13	Pass
64QAM	2572.5	25	0	8.96	<=13	Pass
	2595	25	0	8.93	<=13	Pass
	2617.5	25	0	8.62	<=13	Pass
256QAM	2572.5	25	0	8.91	<=13	Pass
	2595	25	0	8.87	<=13	Pass
	2617.5	25	0	8.85	<=13	Pass

4.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	8.25	<=13	Pass
	2595	50	0	8.05	<=13	Pass
	2615	50	0	7.96	<=13	Pass
16QAM	2575	50	0	8.59	<=13	Pass
	2595	50	0	8.84	<=13	Pass
	2615	50	0	8.67	<=13	Pass
64QAM	2575	50	0	8.89	<=13	Pass
	2595	50	0	8.69	<=13	Pass
	2615	50	0	8.72	<=13	Pass
256QAM	2575	50	0	8.77	<=13	Pass
	2595	50	0	8.91	<=13	Pass
	2615	50	0	8.83	<=13	Pass

4.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.99	<=13	Pass
	2595	75	0	8.09	<=13	Pass
	2612.5	75	0	8.05	<=13	Pass
16QAM	2577.5	75	0	8.97	<=13	Pass
	2595	75	0	8.68	<=13	Pass
	2612.5	75	0	9.01	<=13	Pass
64QAM	2577.5	75	0	8.86	<=13	Pass

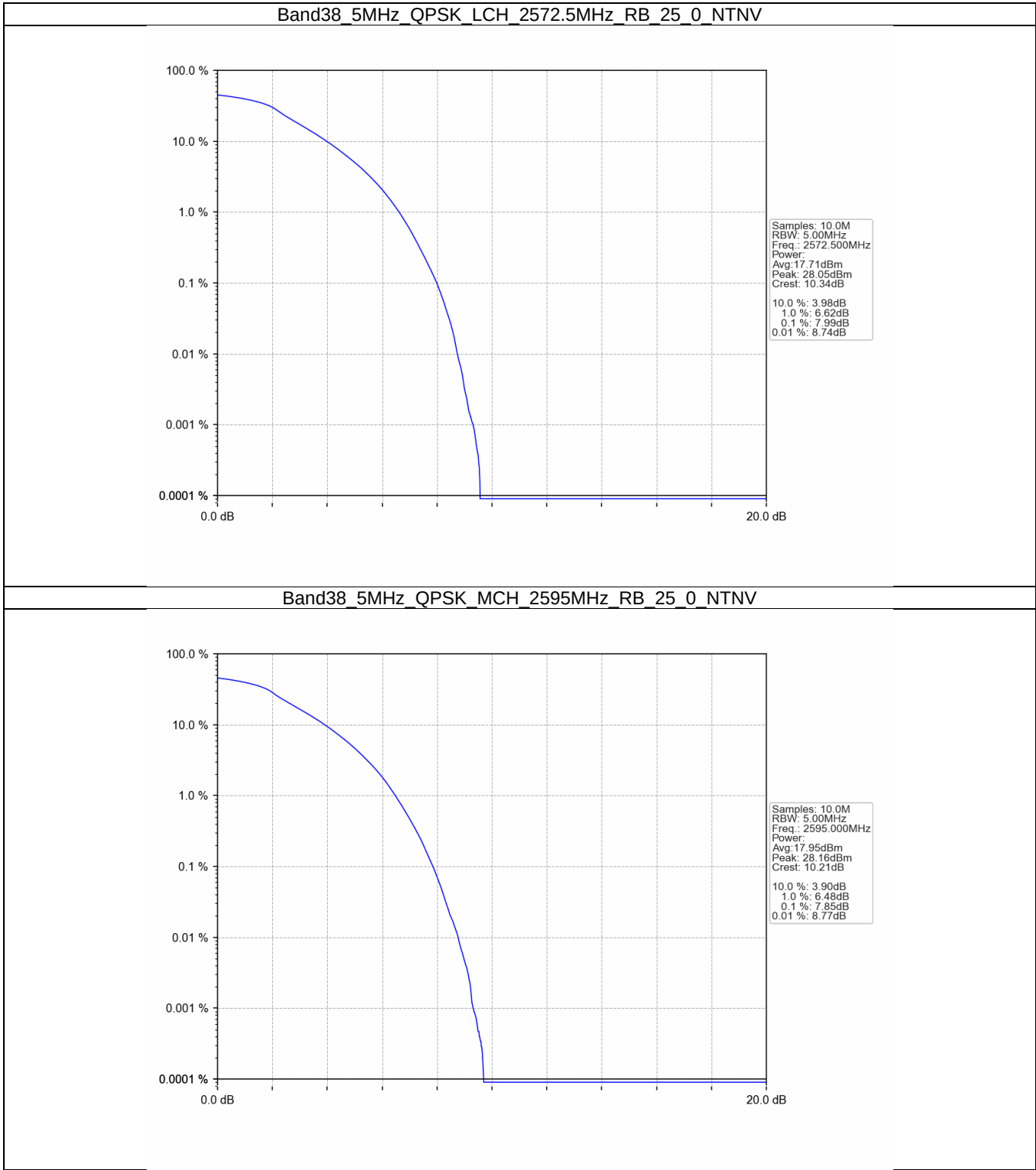
256QAM	2595	75	0	8.85	<=13	Pass
	2612.5	75	0	8.82	<=13	Pass
	2577.5	75	0	9.00	<=13	Pass
	2595	75	0	9.21	<=13	Pass
	2612.5	75	0	9.20	<=13	Pass

4.1.4 B38_20MHz

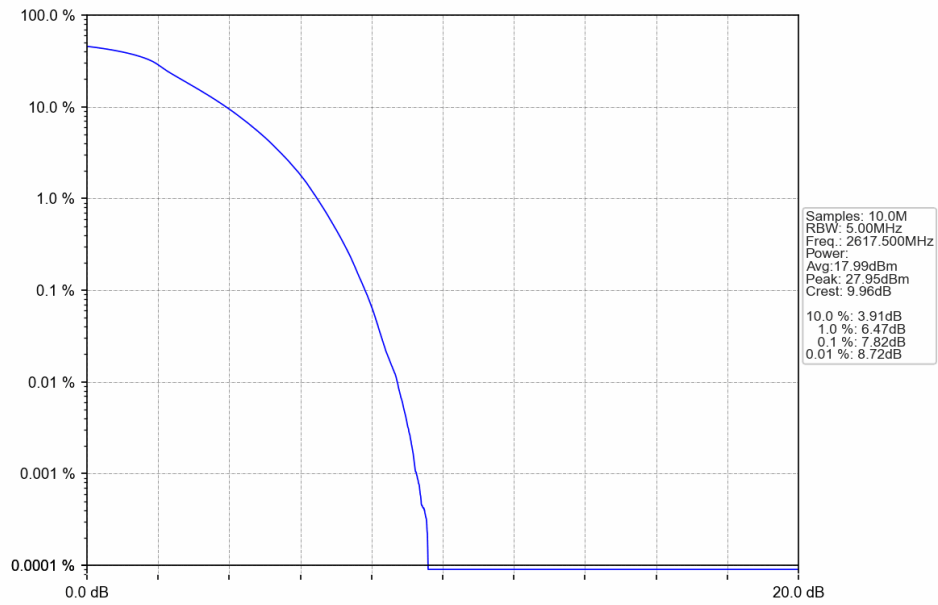
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	8.07	<=13	Pass
	2595	100	0	8.00	<=13	Pass
	2610	100	0	7.96	<=13	Pass
16QAM	2580	100	0	8.35	<=13	Pass
	2595	100	0	8.34	<=13	Pass
	2610	100	0	8.92	<=13	Pass
64QAM	2580	100	0	8.96	<=13	Pass
	2595	100	0	8.78	<=13	Pass
	2610	100	0	8.80	<=13	Pass
256QAM	2580	100	0	8.69	<=13	Pass
	2595	100	0	9.12	<=13	Pass
	2610	100	0	8.62	<=13	Pass

4.2 Test Graph

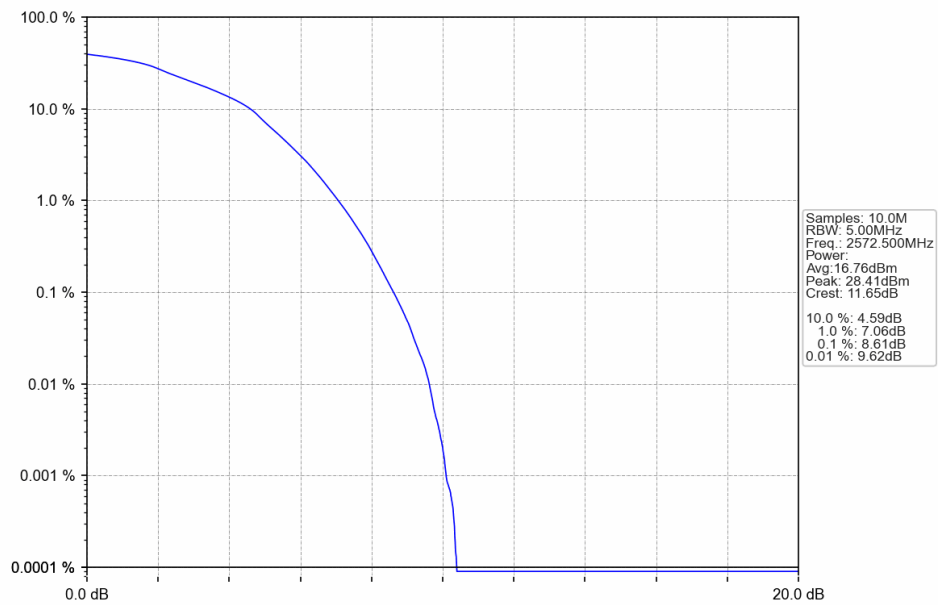
4.2.1 B38_5MHz



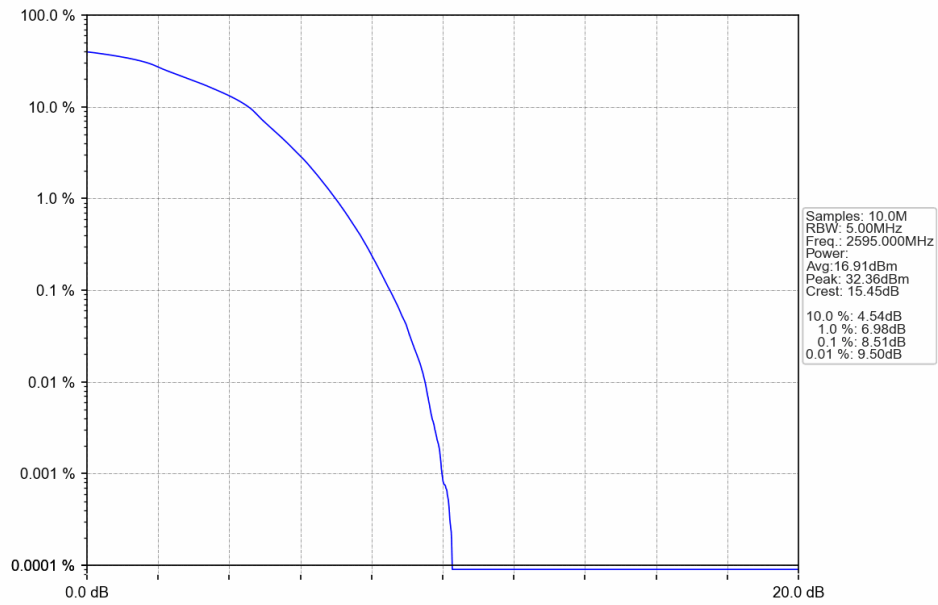
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



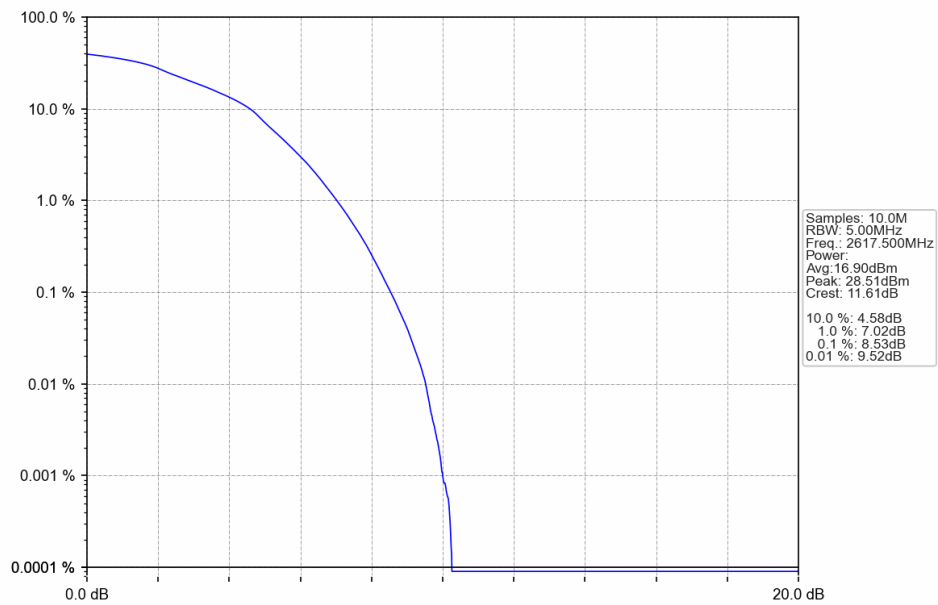
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



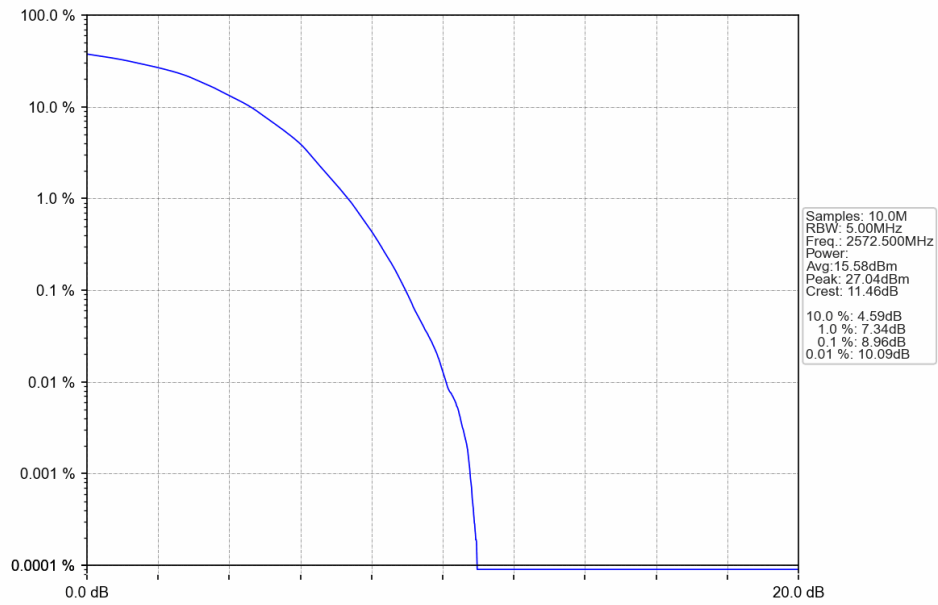
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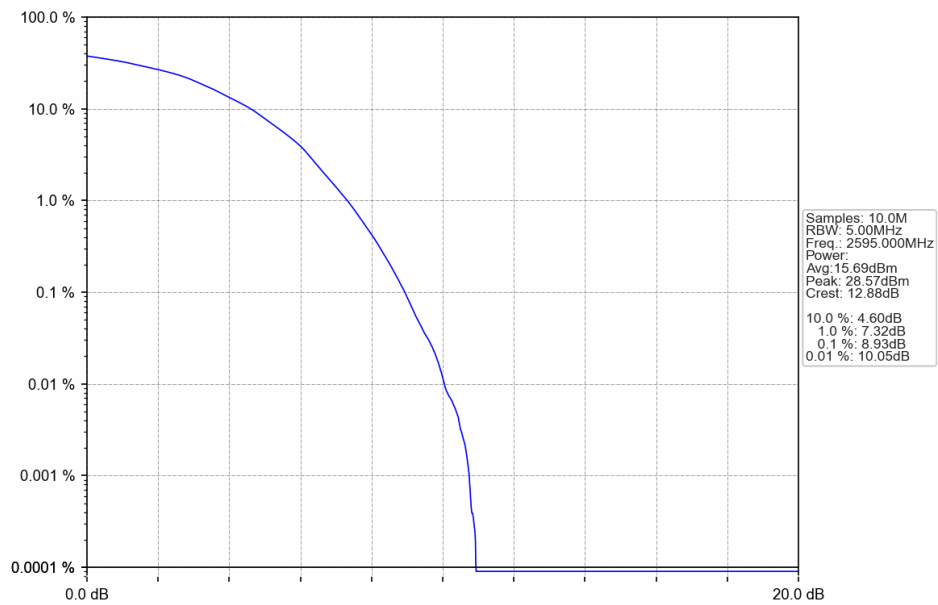
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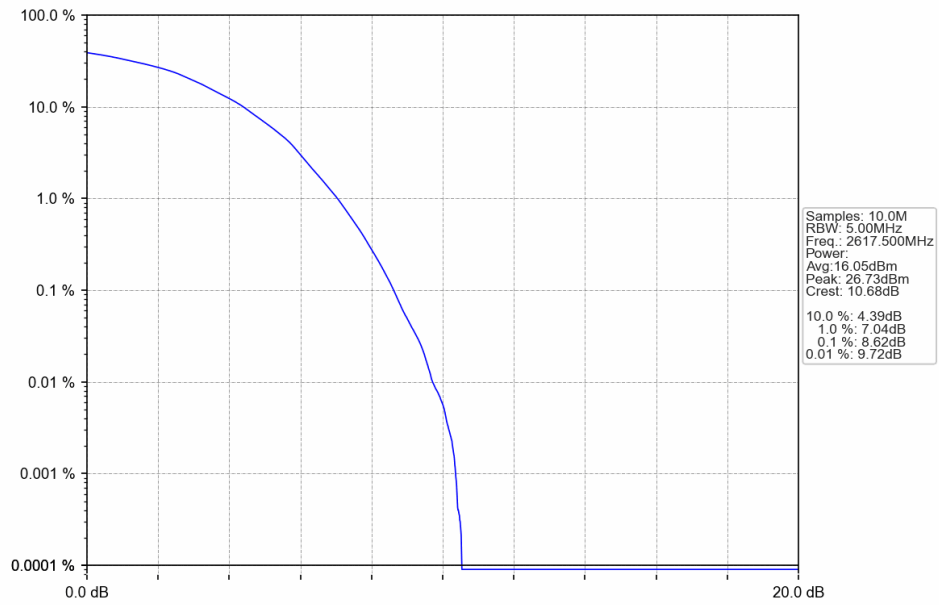
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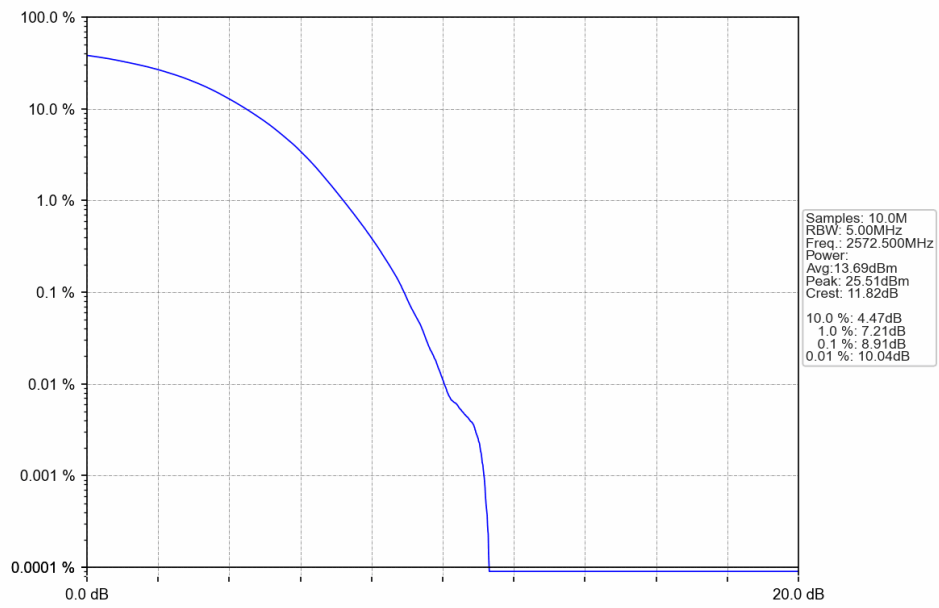
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTNV



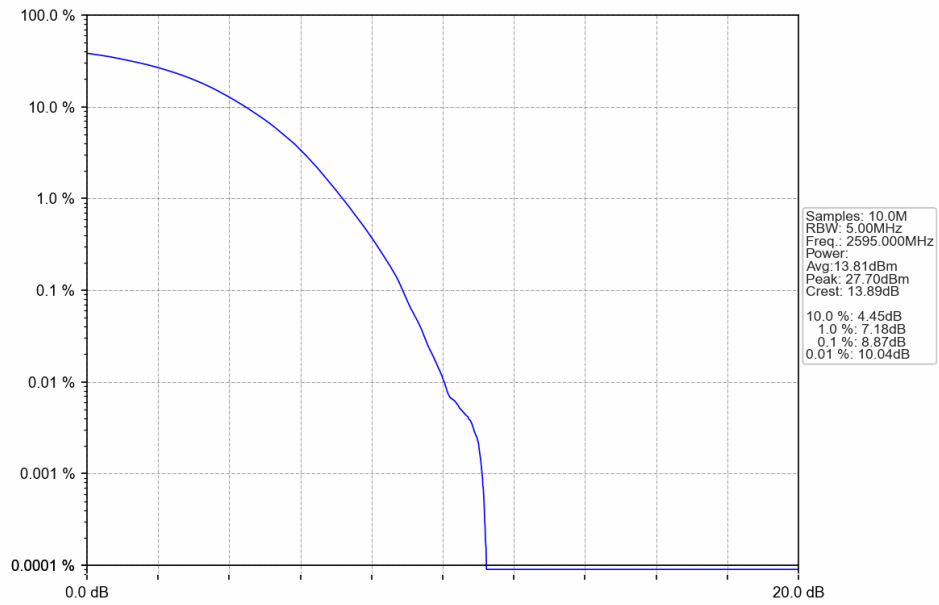
Band38 5MHz 64QAM HCH 2617.5MHz RB 25 0 NTNV



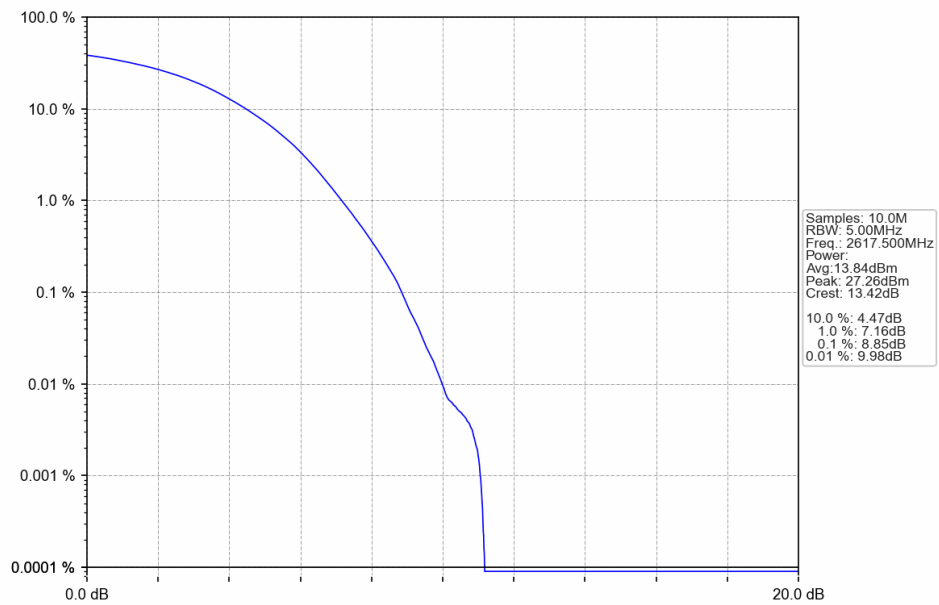
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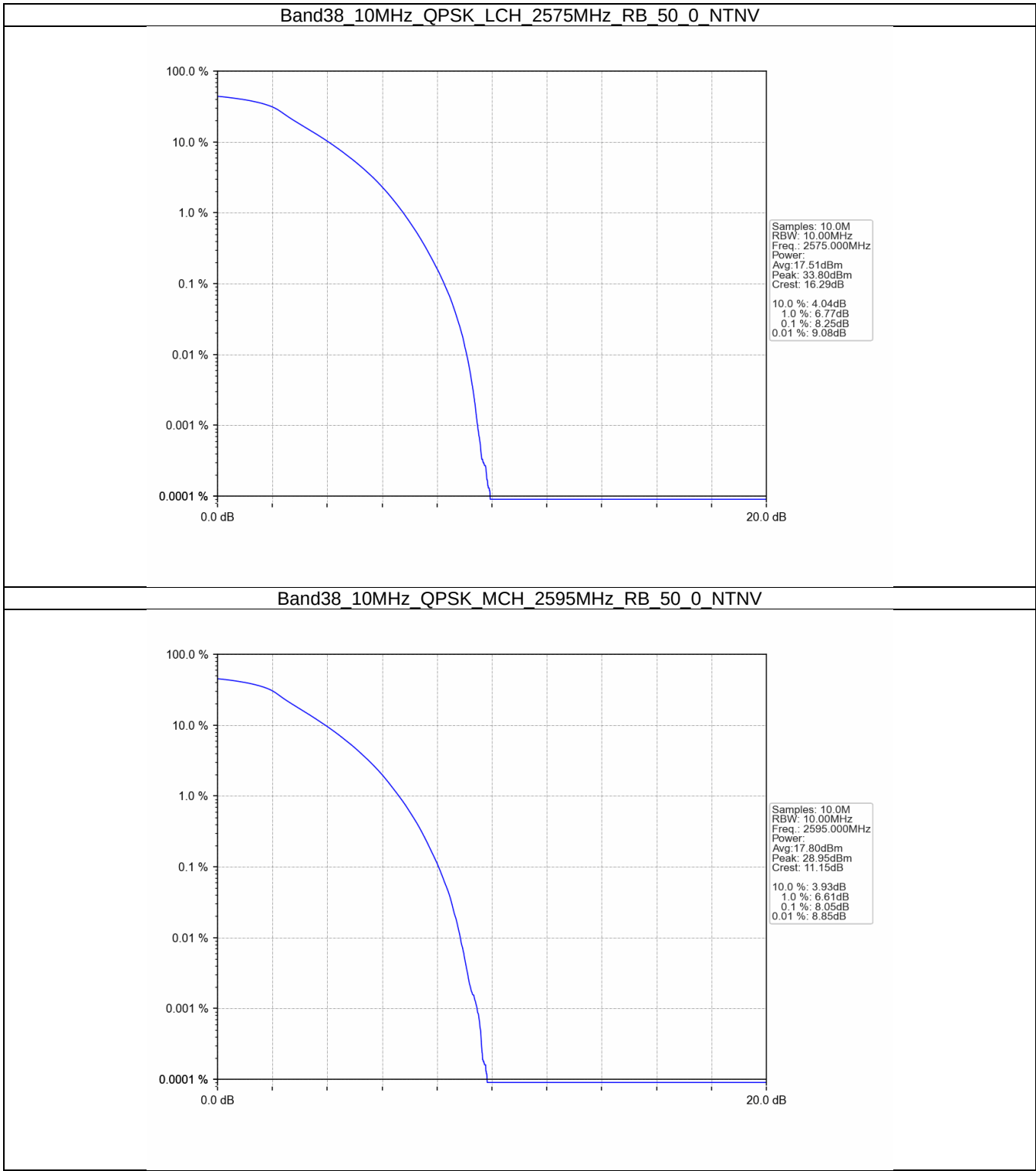
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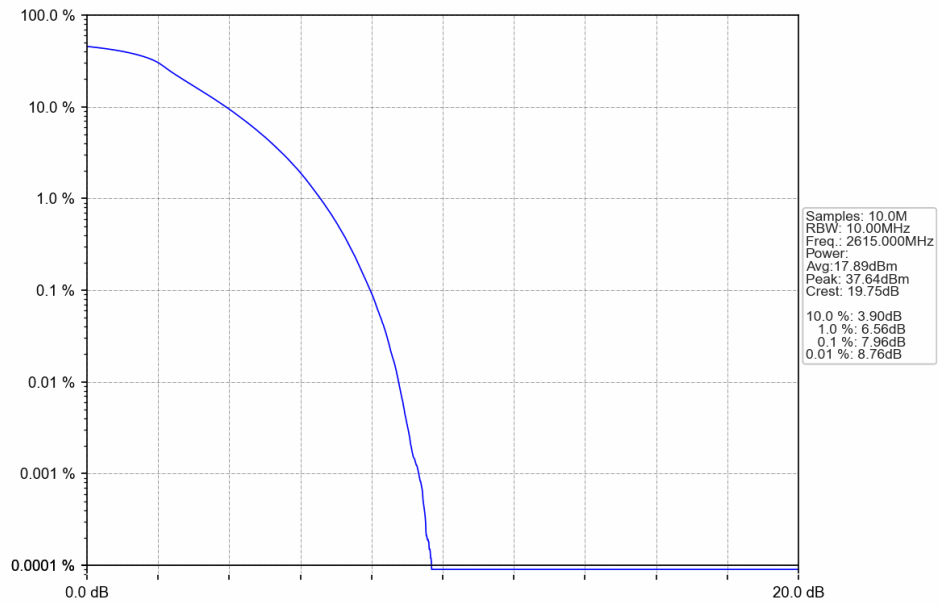
Band38 5MHz 256QAM HCH 2617.5MHz RB 25 0 NTNV



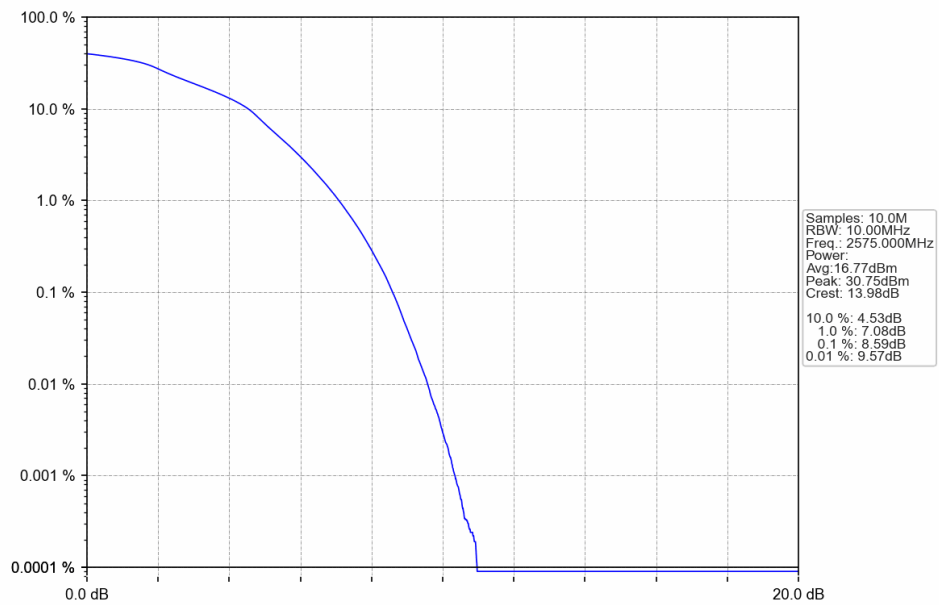
4.2.2 B38_10MHz



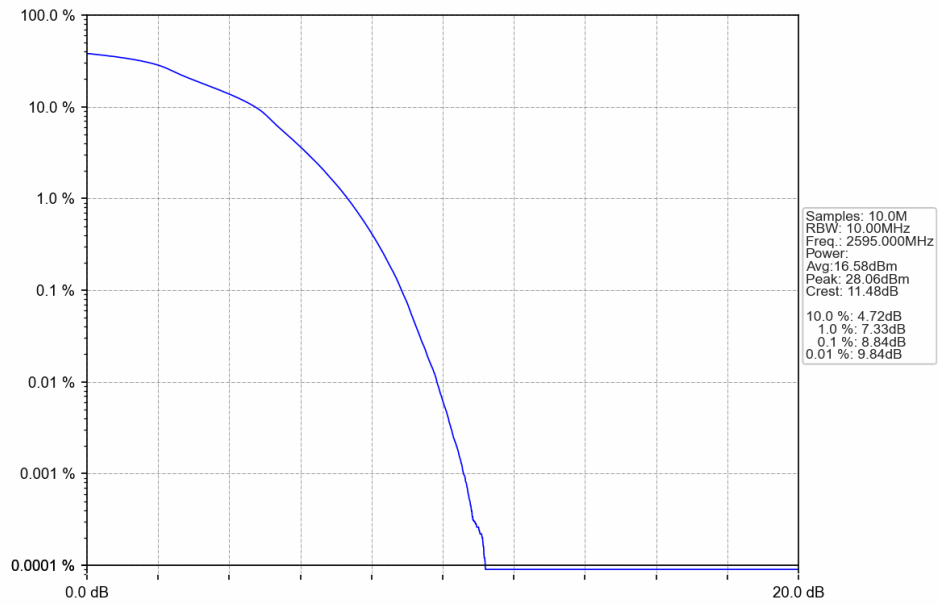
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTNV



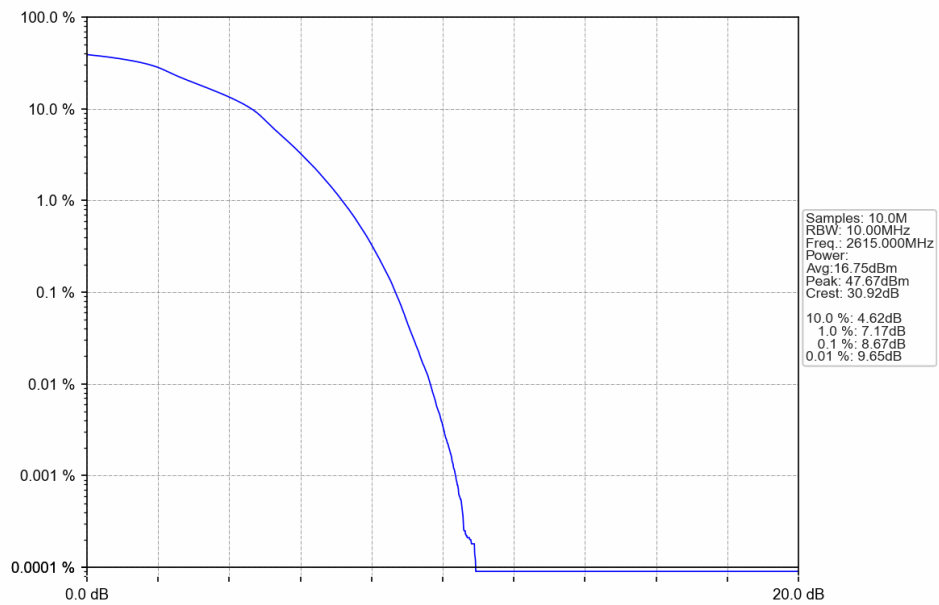
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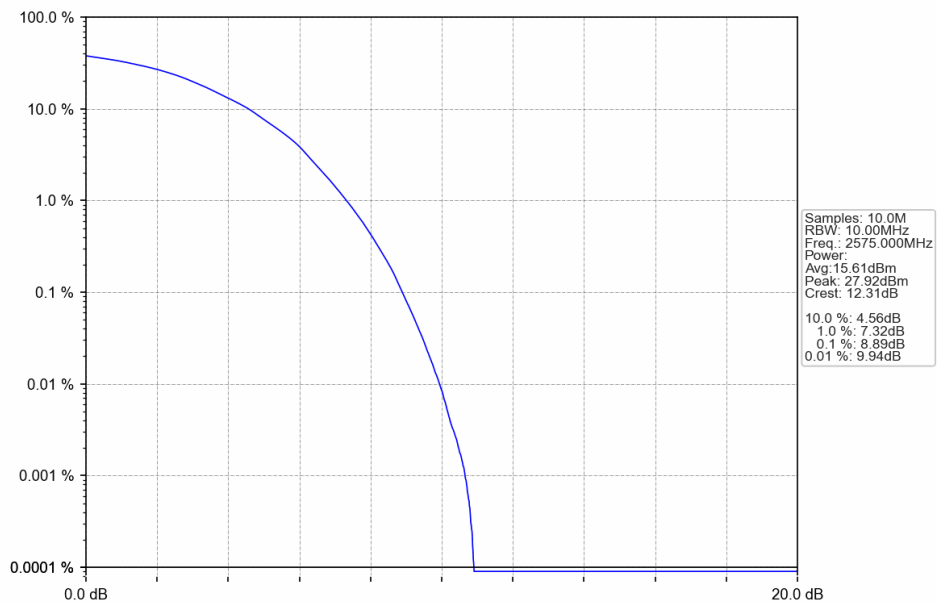
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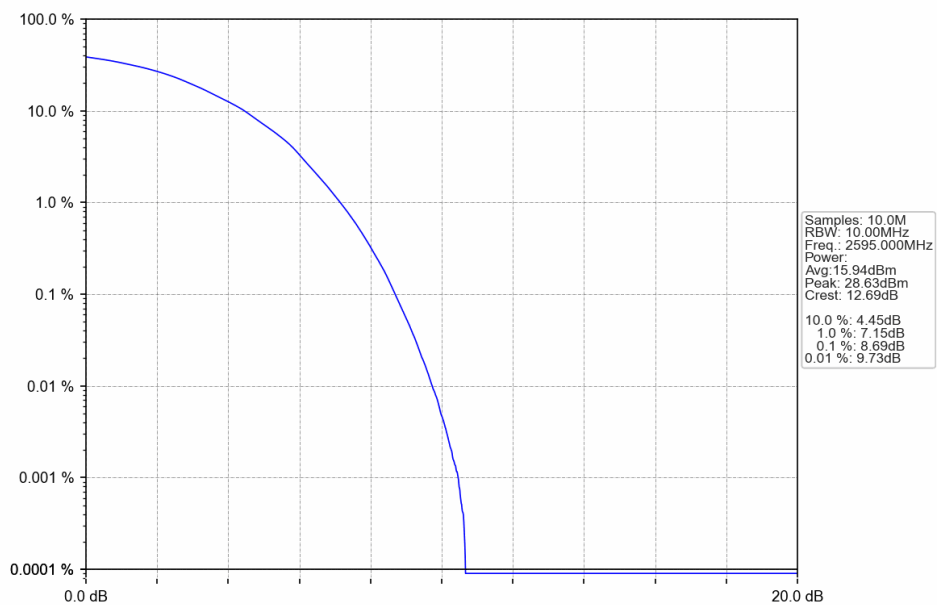
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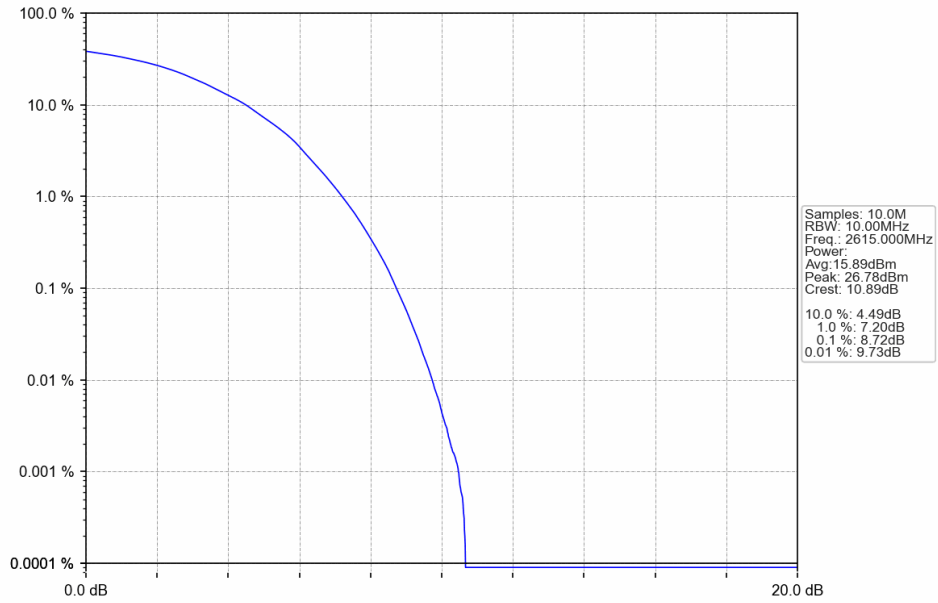
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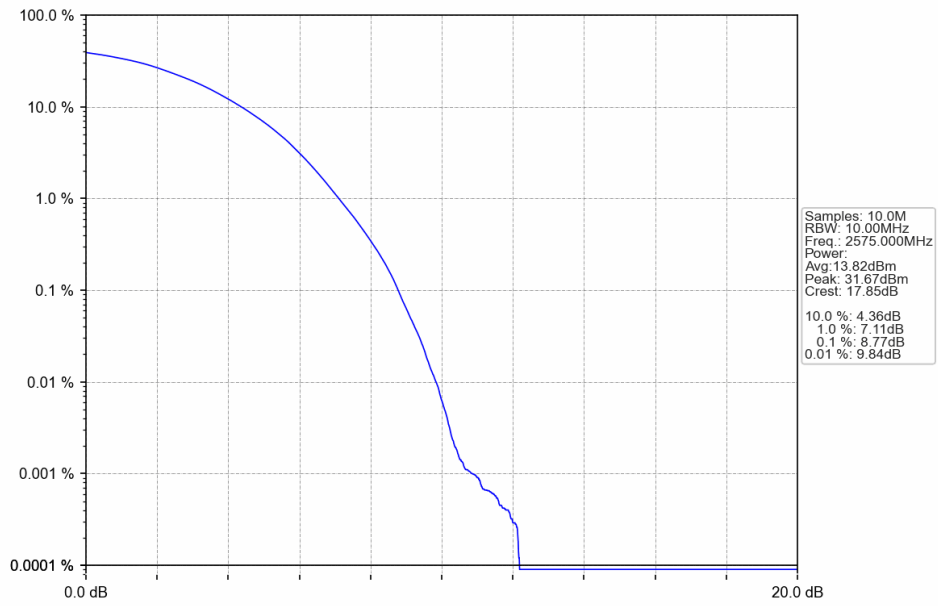
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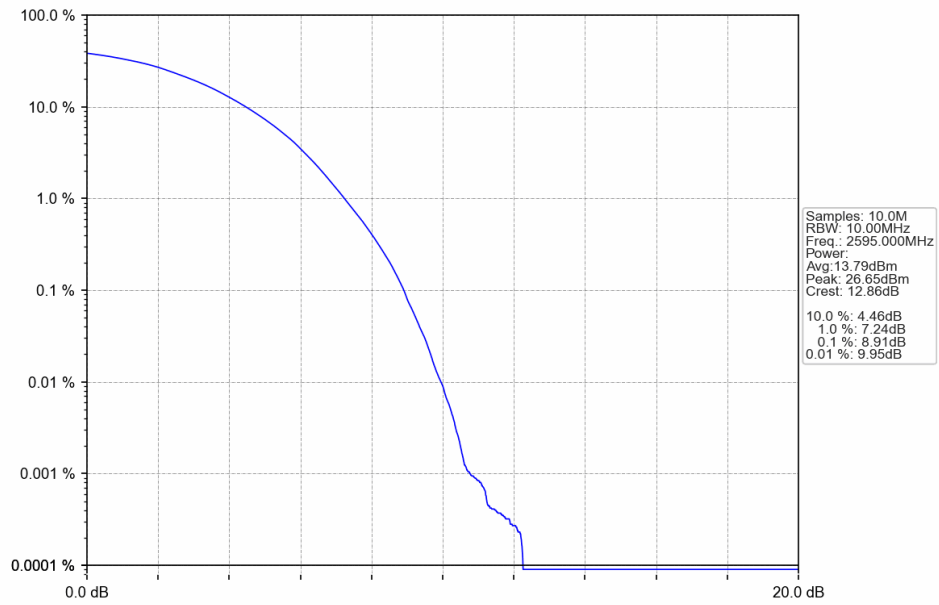
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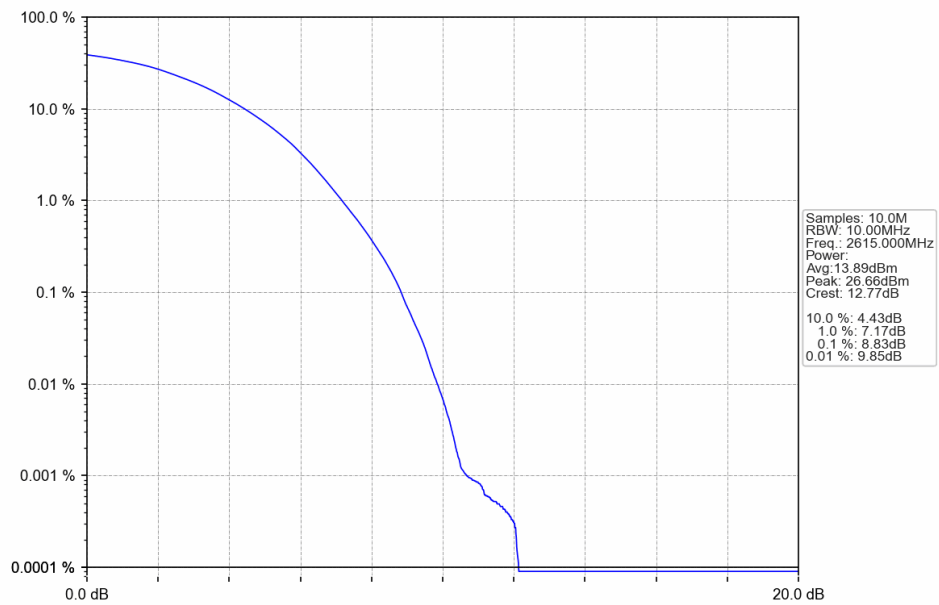
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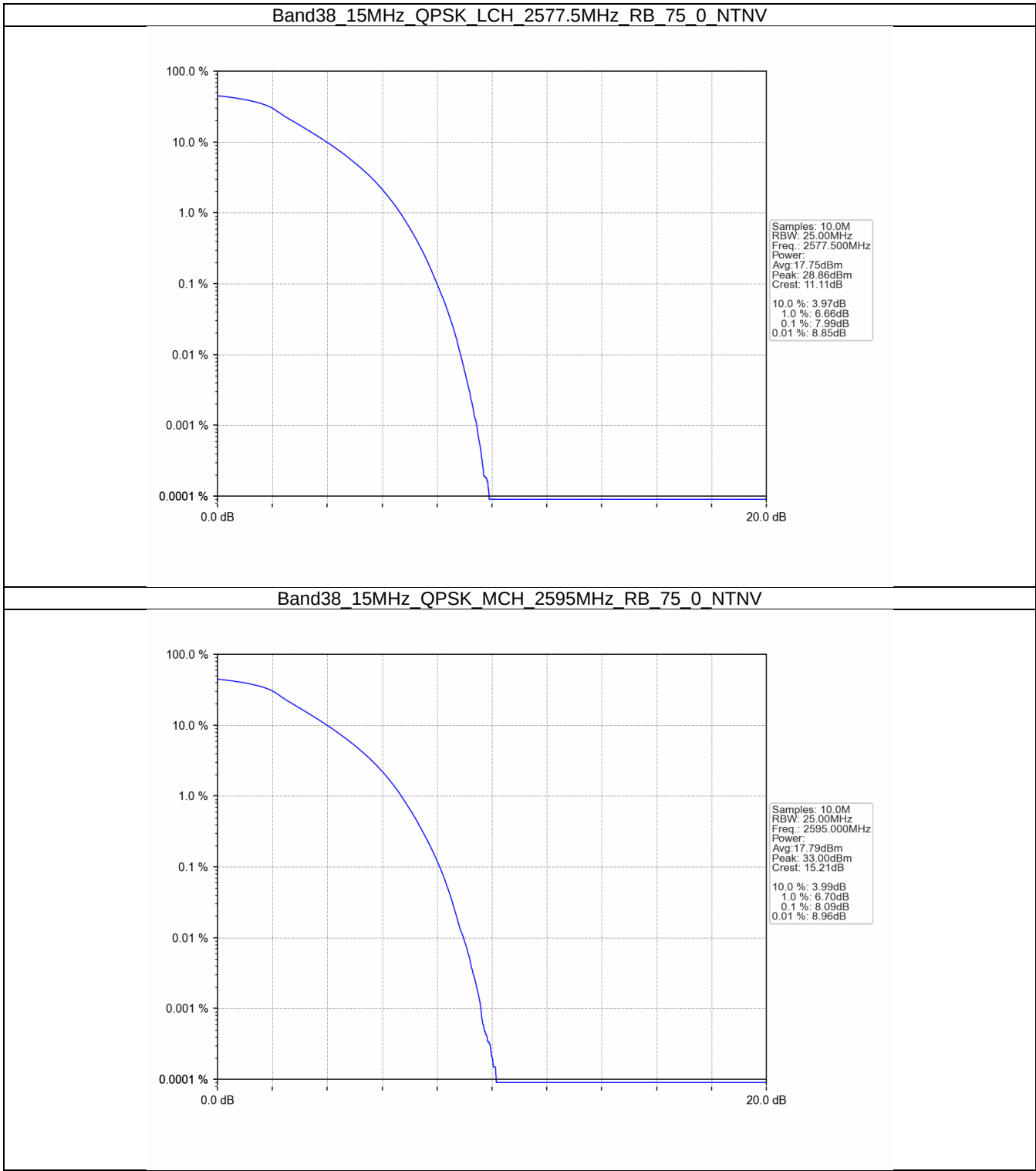
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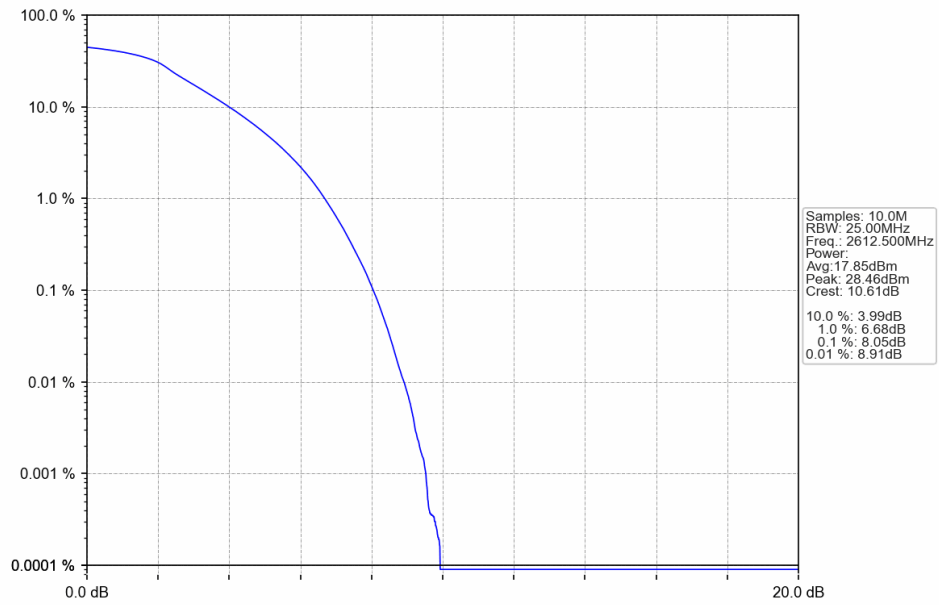
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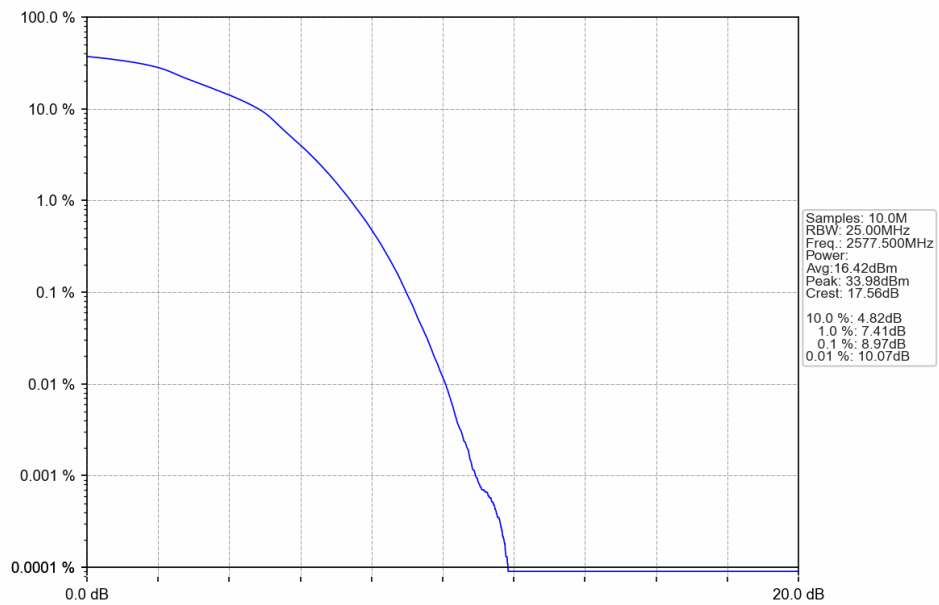
4.2.3 B38_15MHz



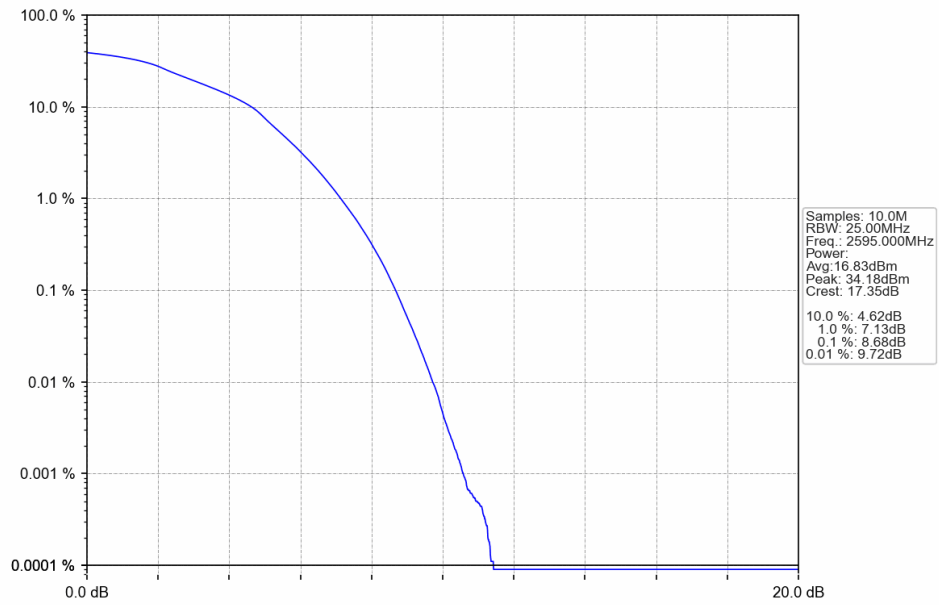
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTNV



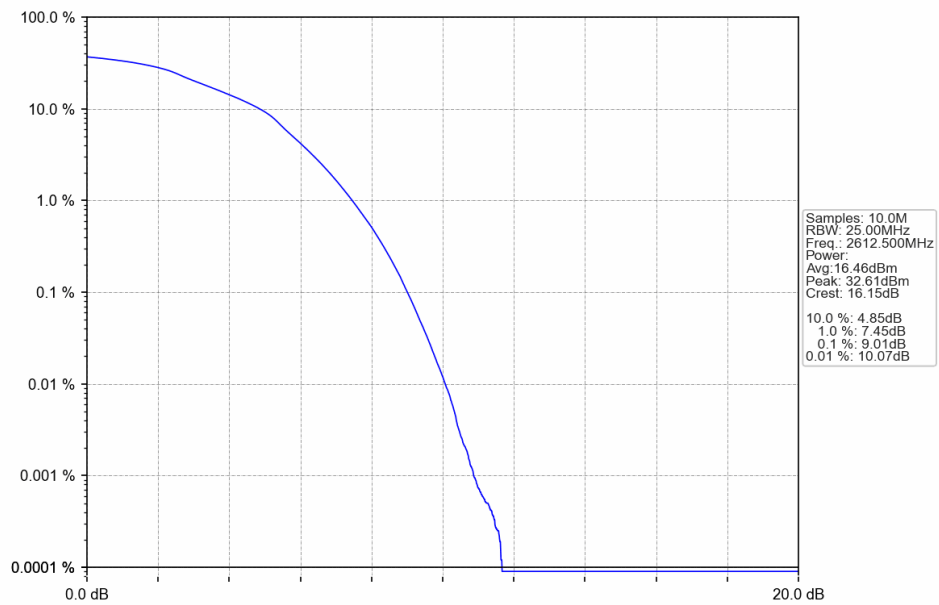
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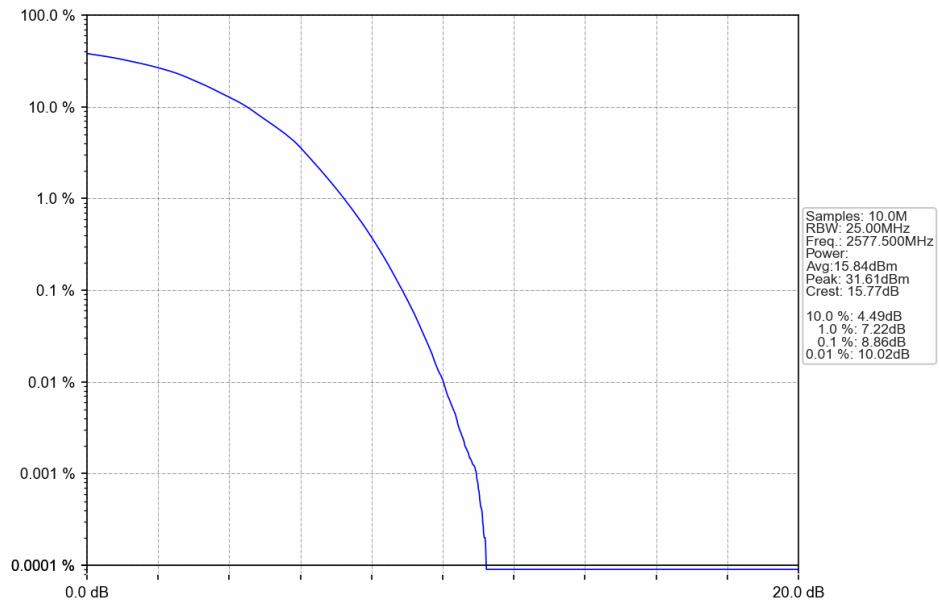
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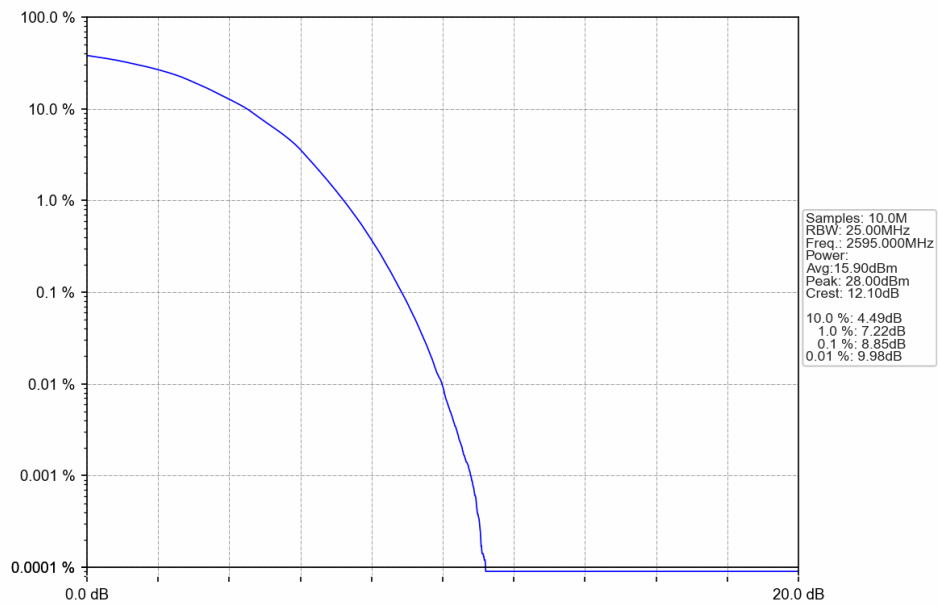
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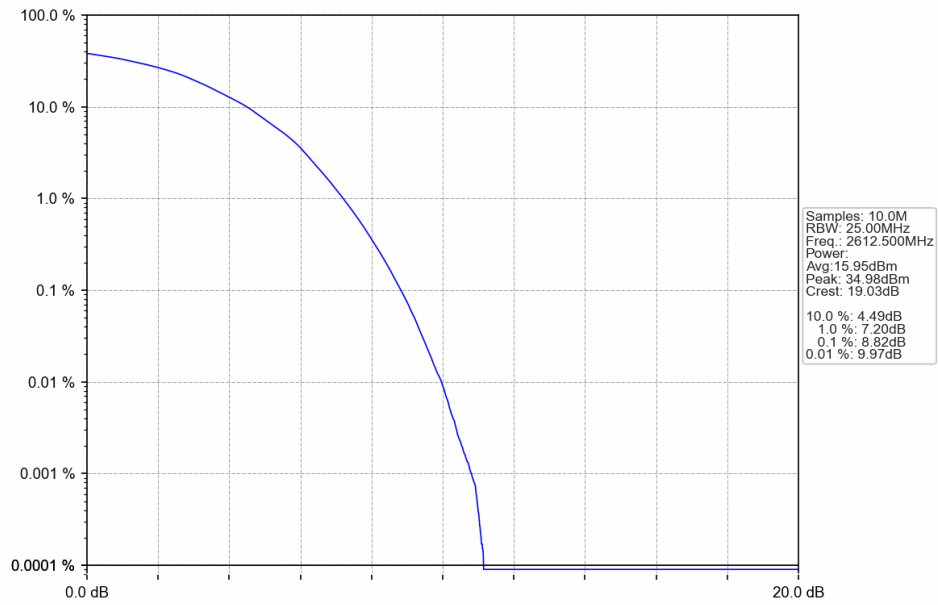
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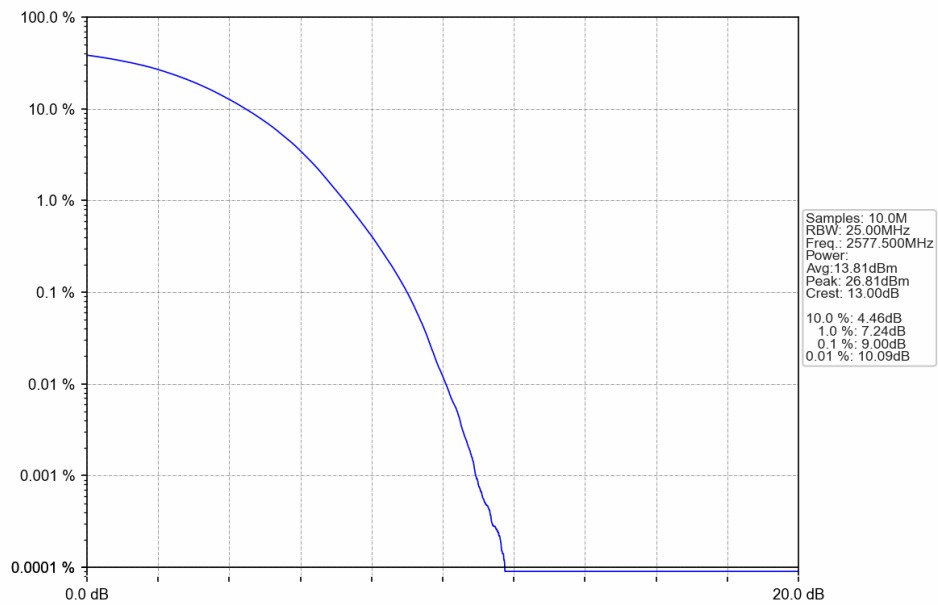
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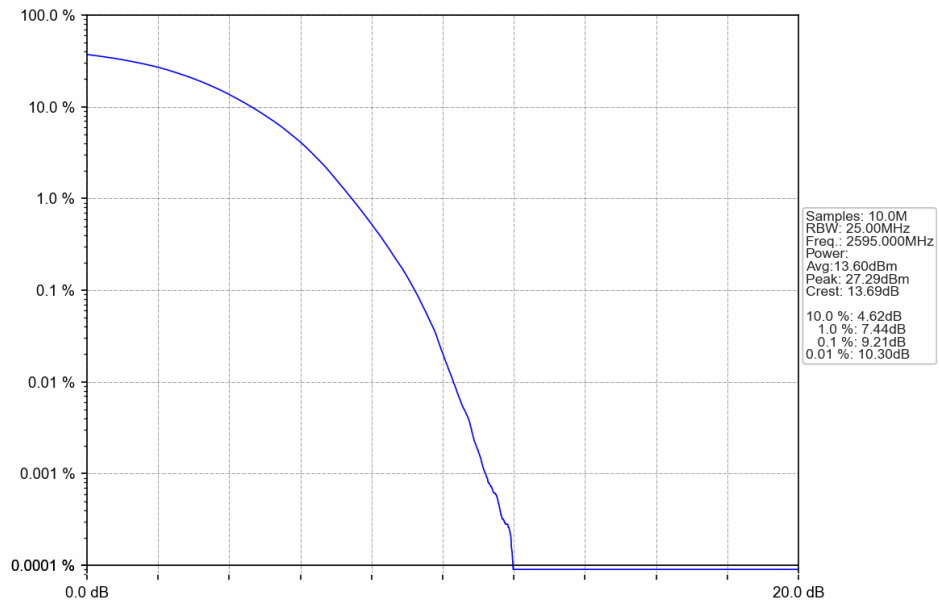
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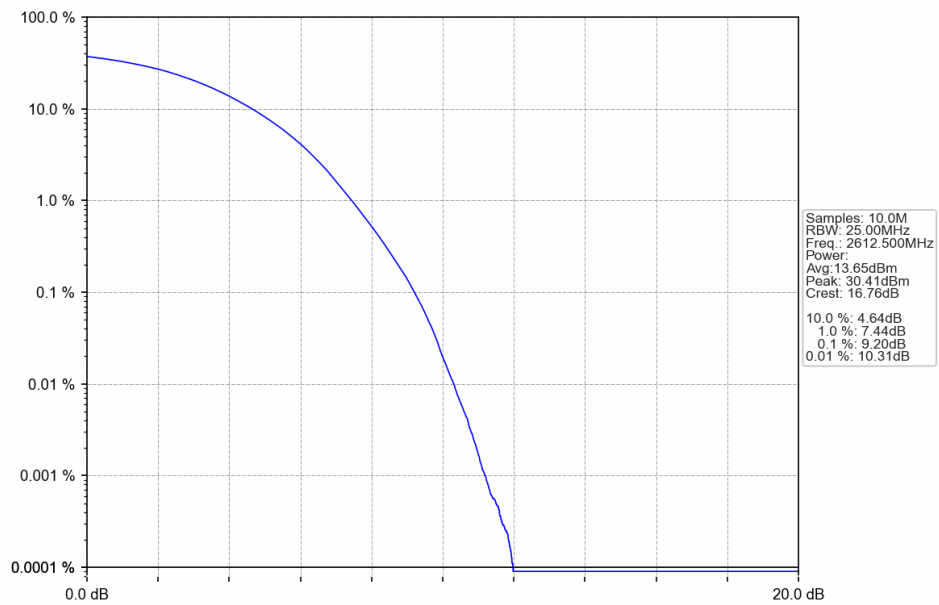
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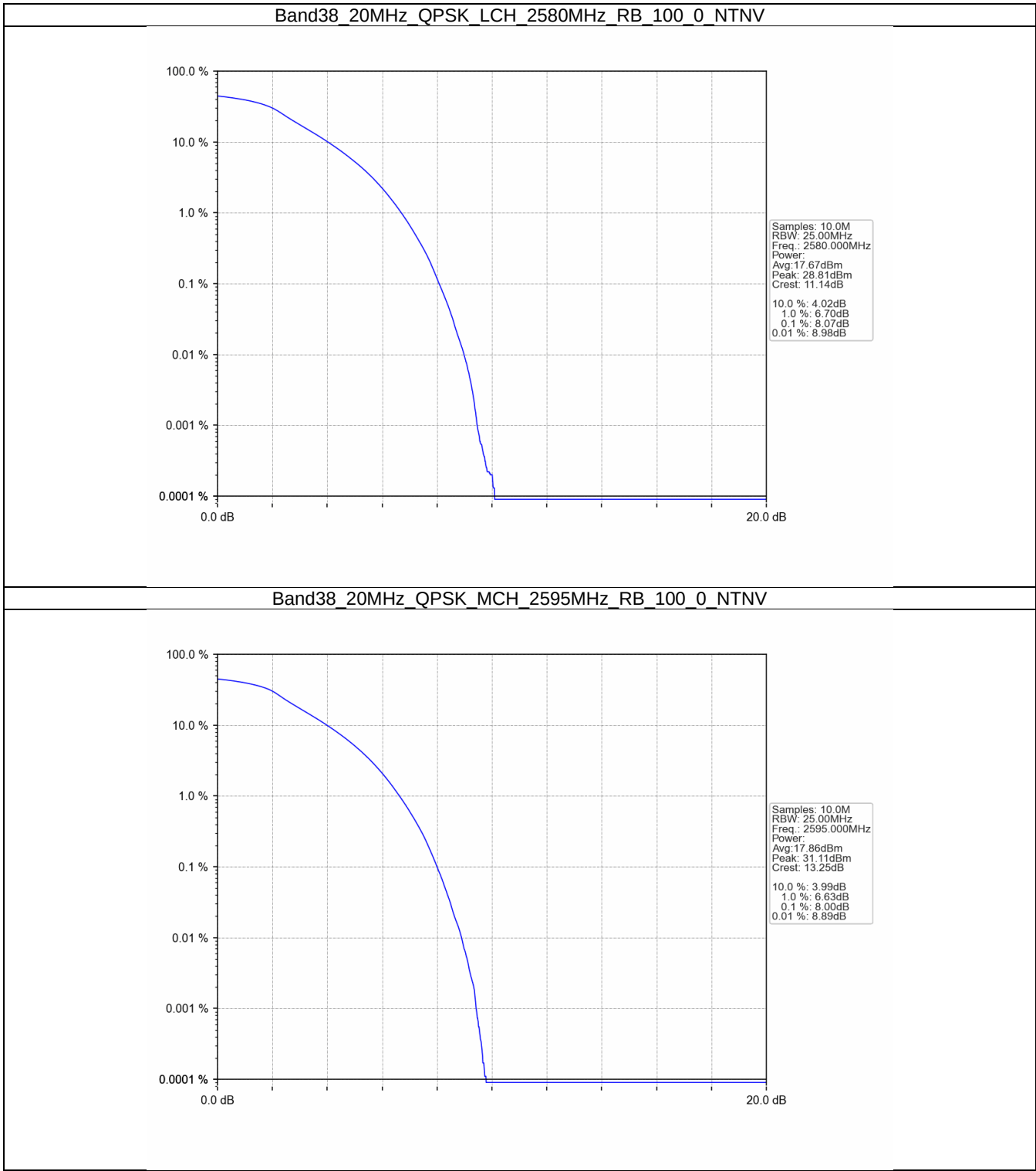
Band38 15MHz 256QAM MCH 2595MHz RB 75 0 NTNV



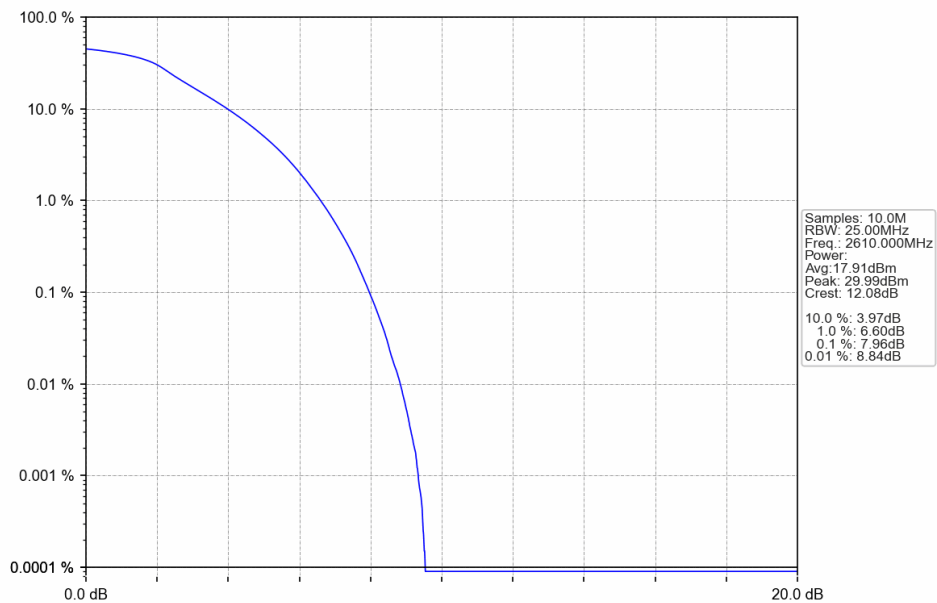
Band38 15MHz 256QAM HCH 2612.5MHz RB 75 0 NTNV



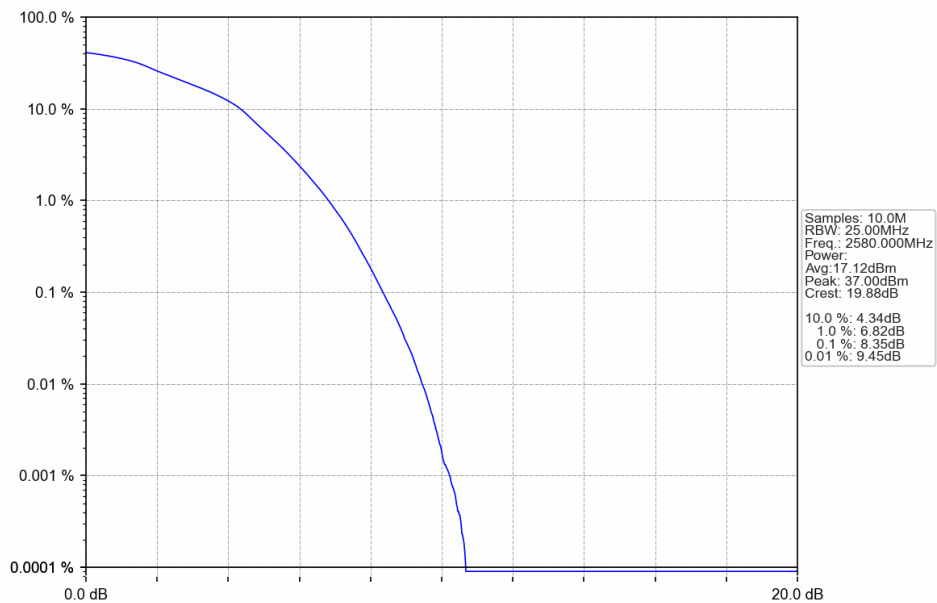
4.2.4 B38_20MHz



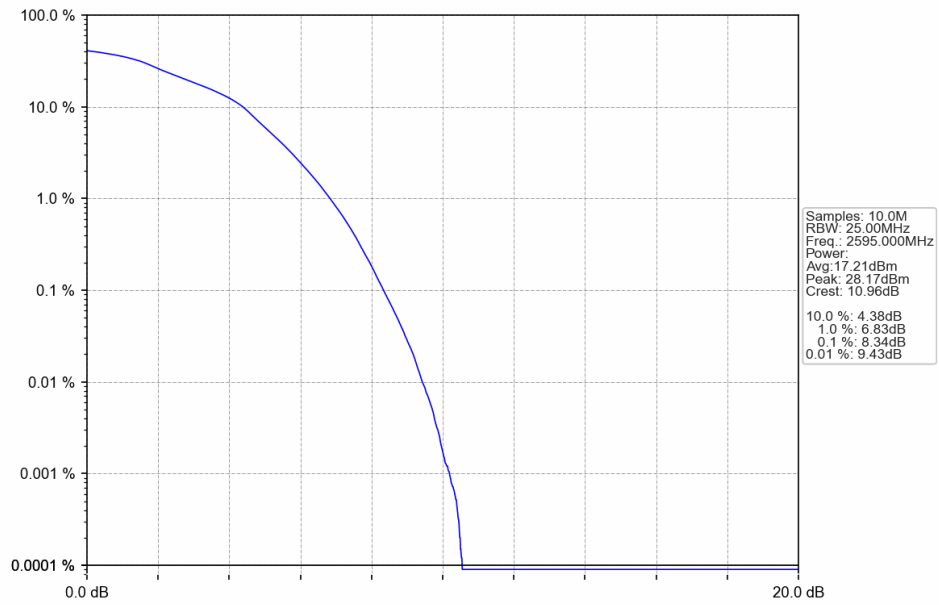
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV

