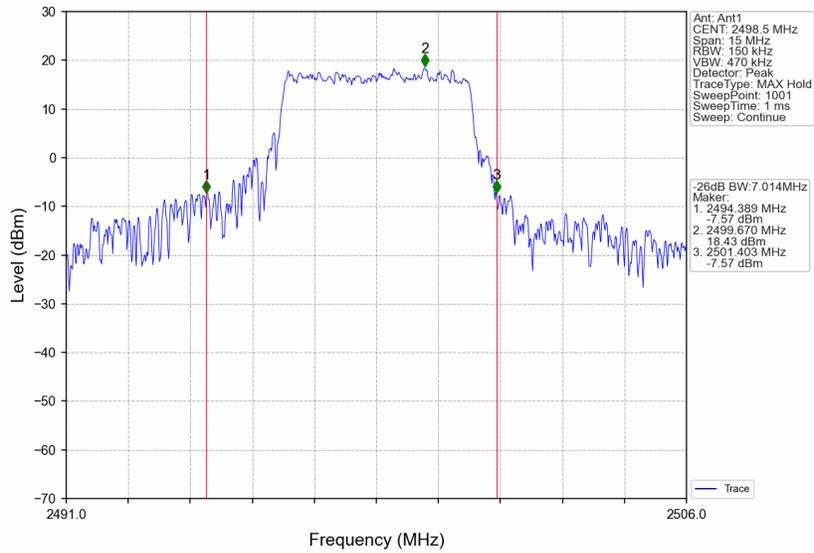
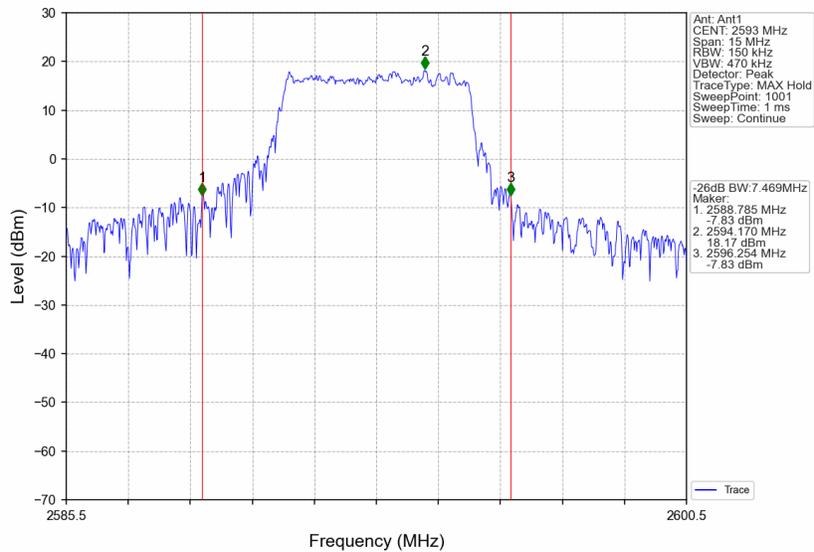


Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV

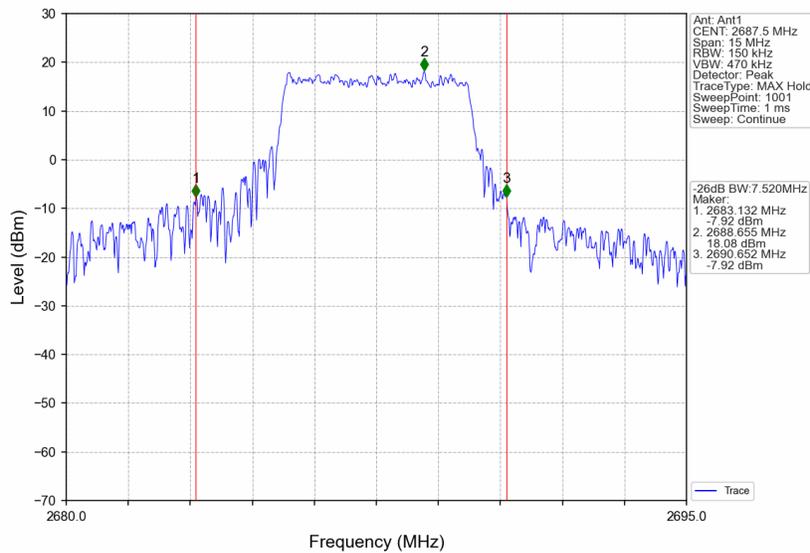


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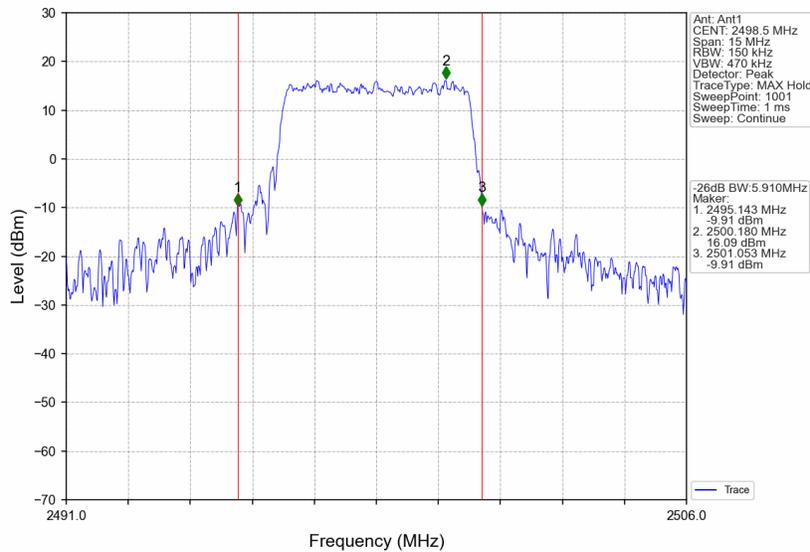
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Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_256QAM_LCH_2498.5MHz_RB_25_0_NTNV

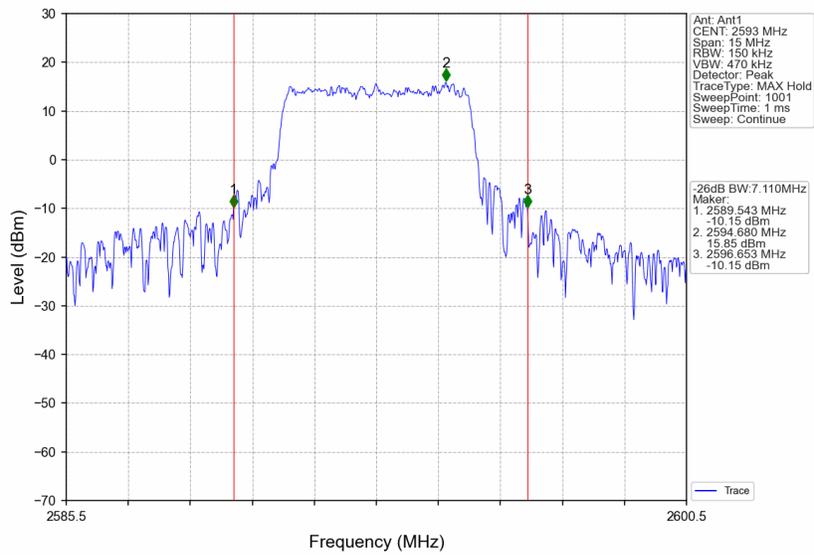


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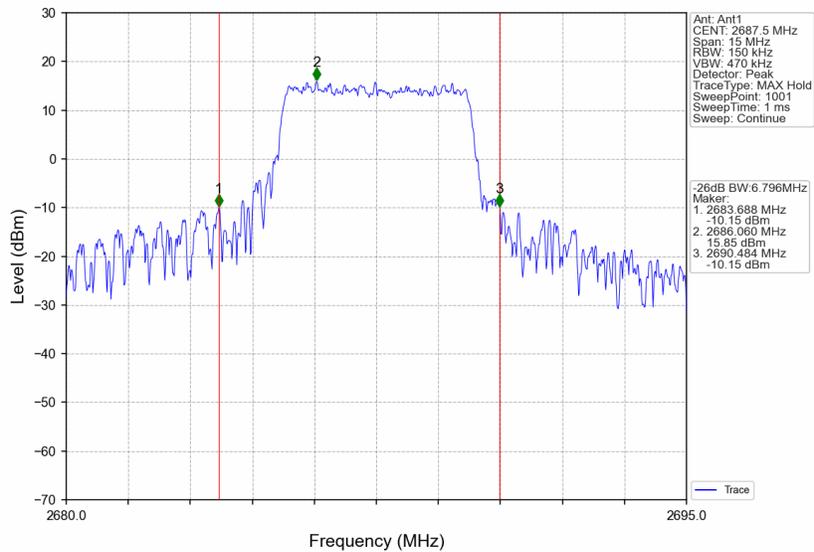
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Band41_5MHz_256QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_256QAM_HCH_2687.5MHz_RB_25_0_NTNV

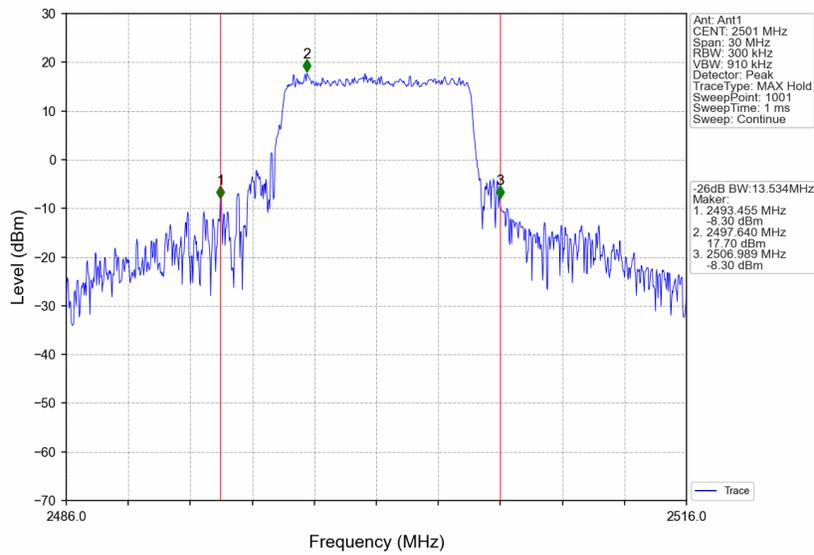


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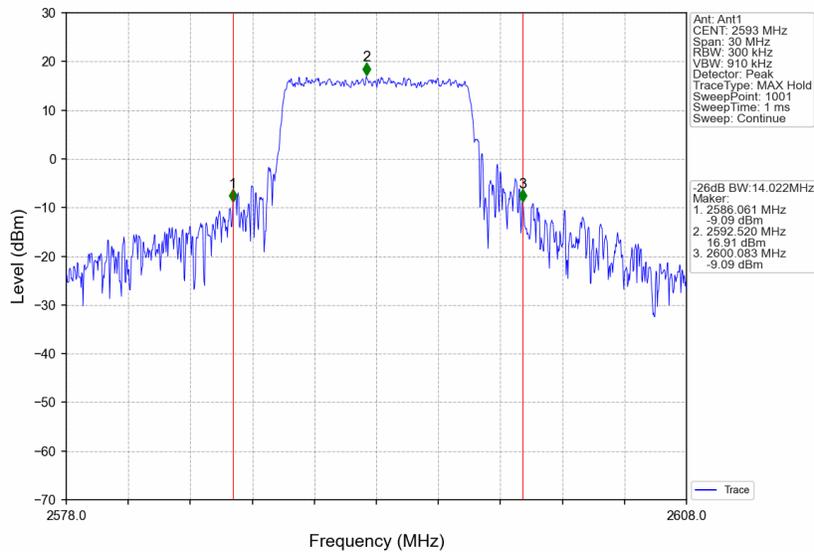
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Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV

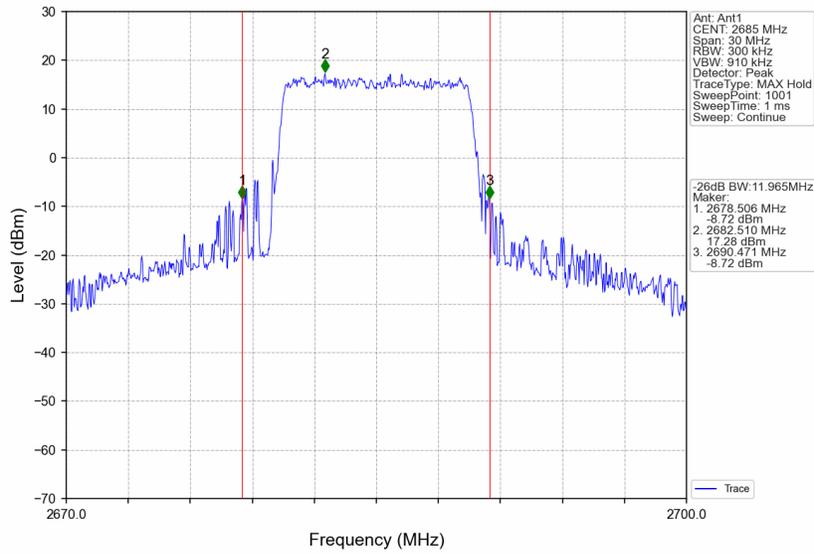


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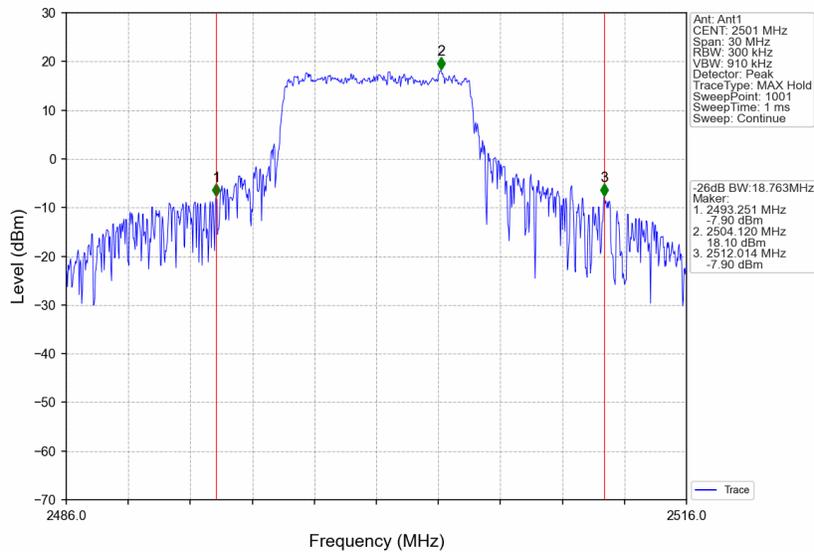
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Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



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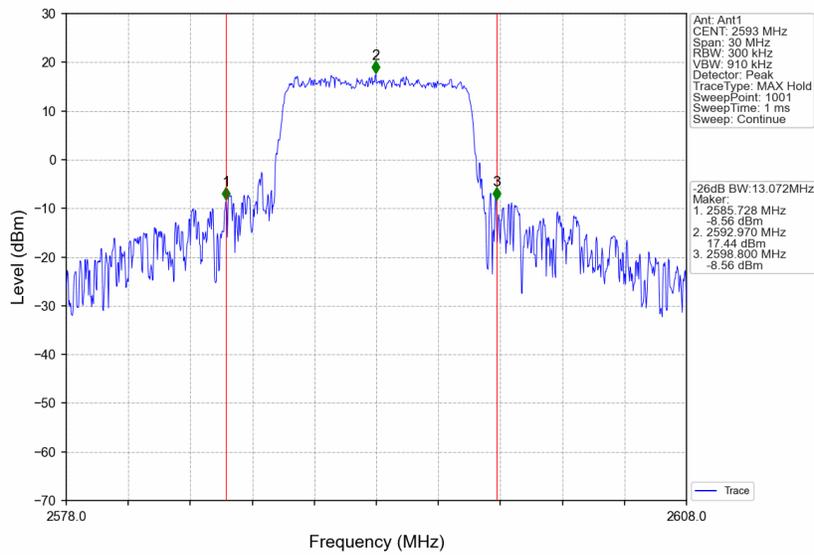
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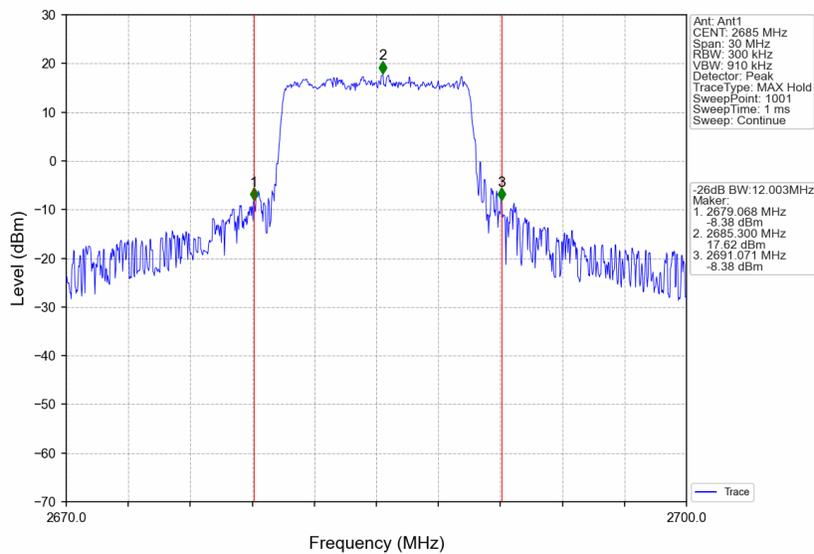
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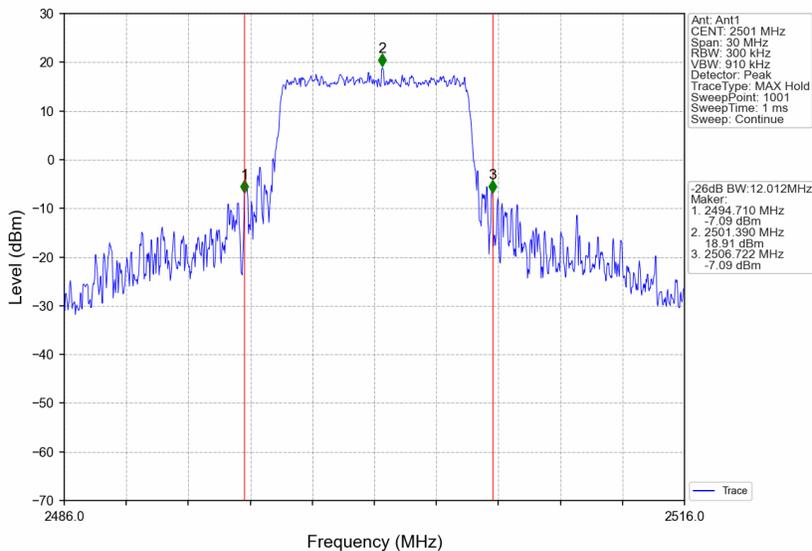


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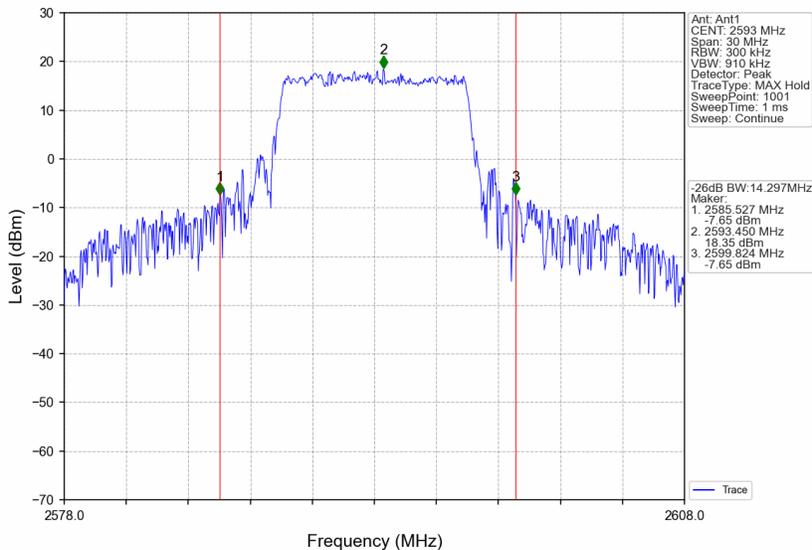
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Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



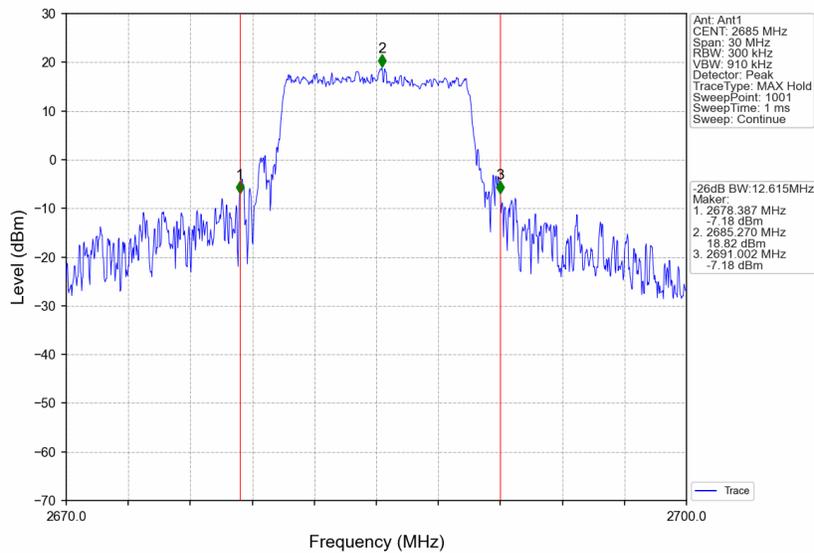
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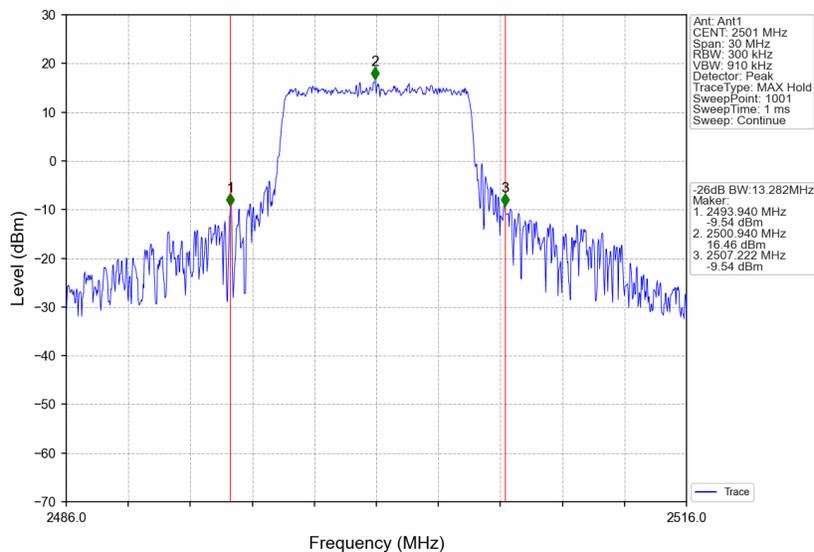
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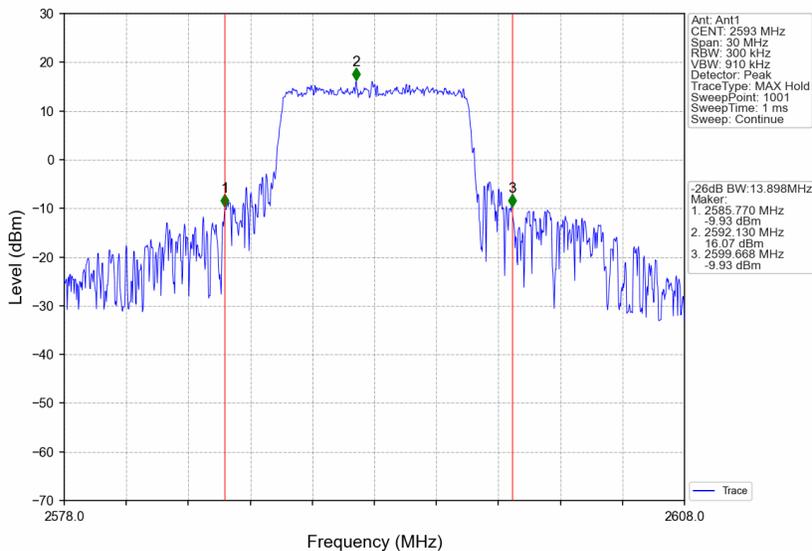
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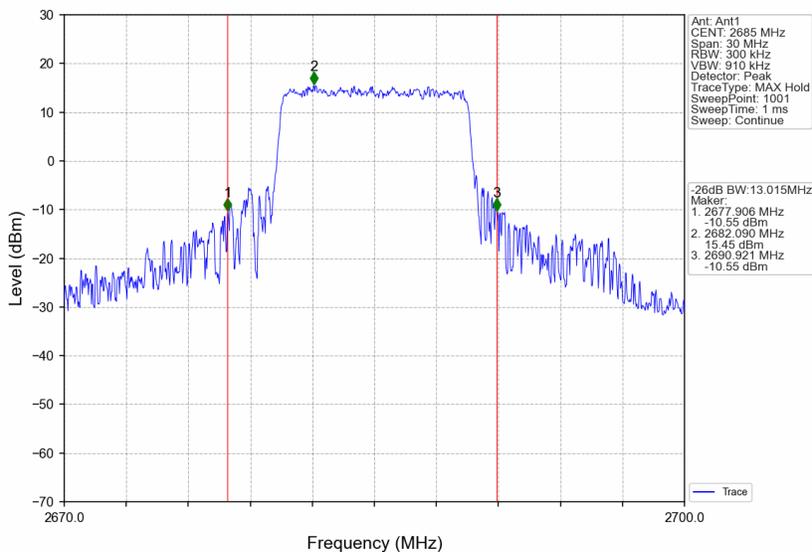
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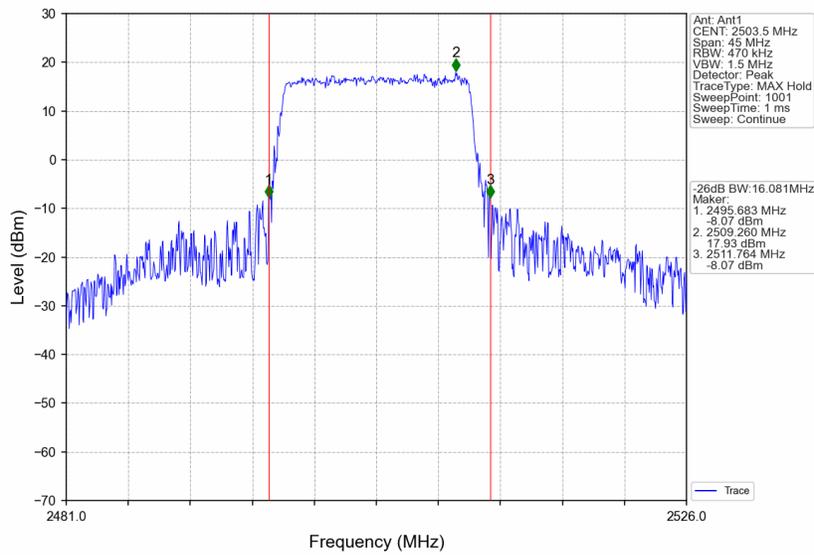
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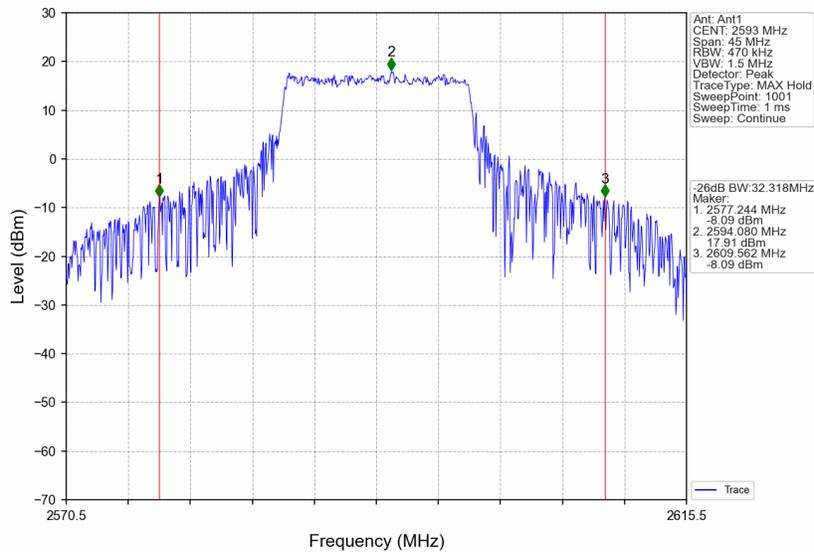
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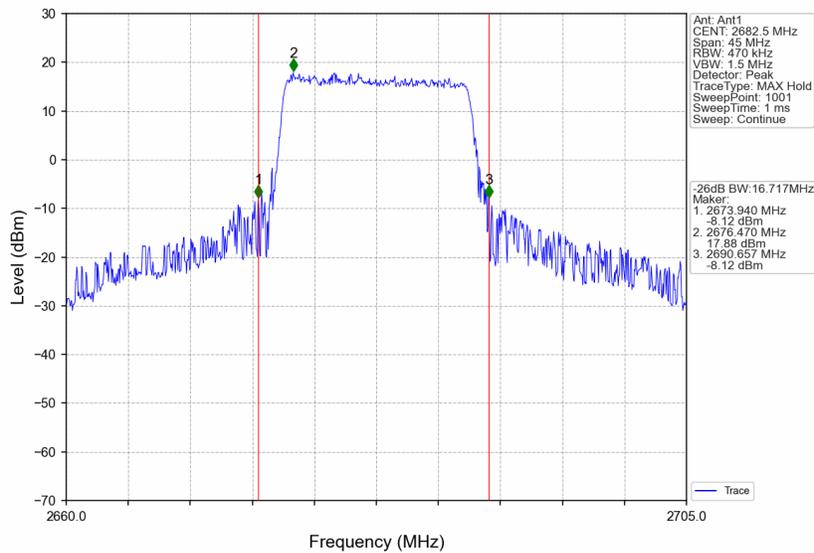
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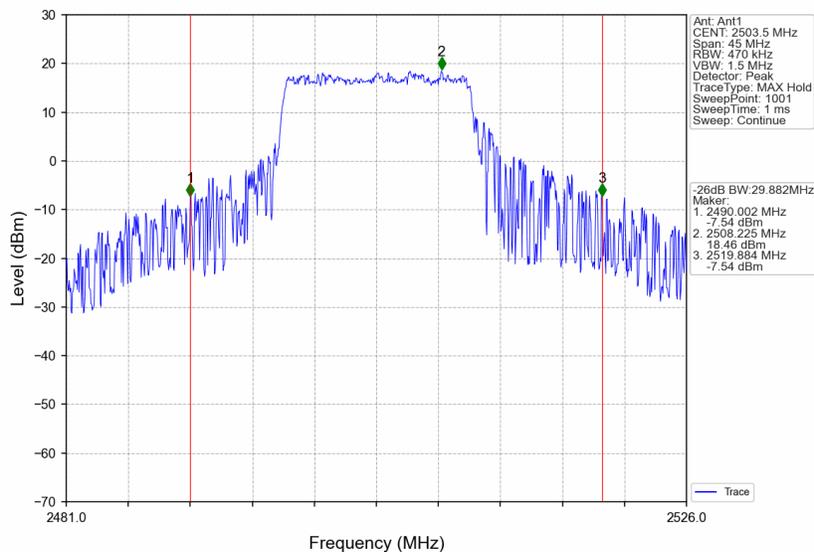
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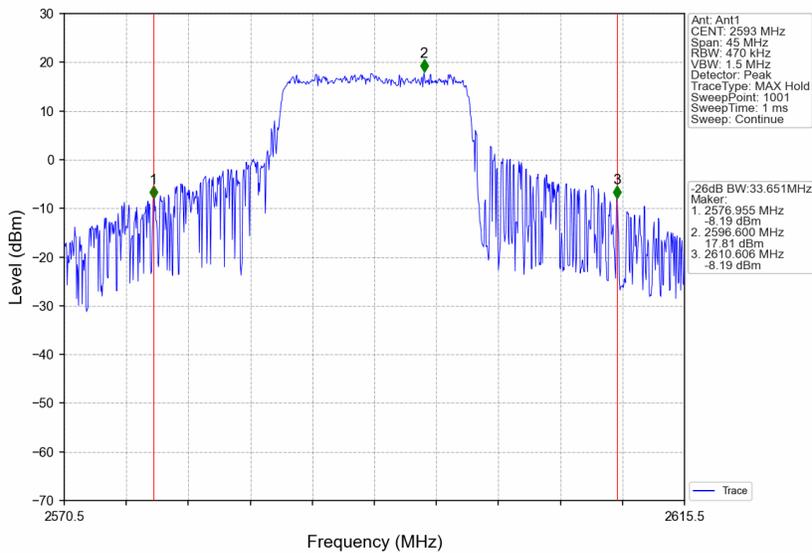


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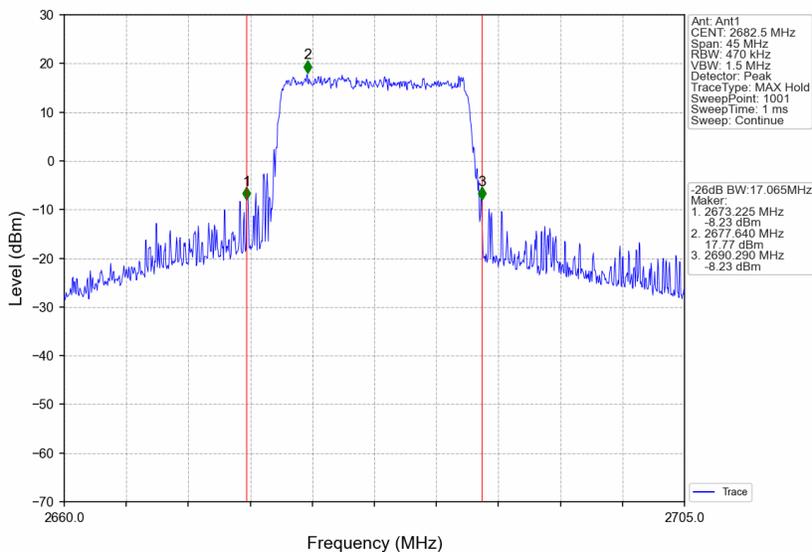
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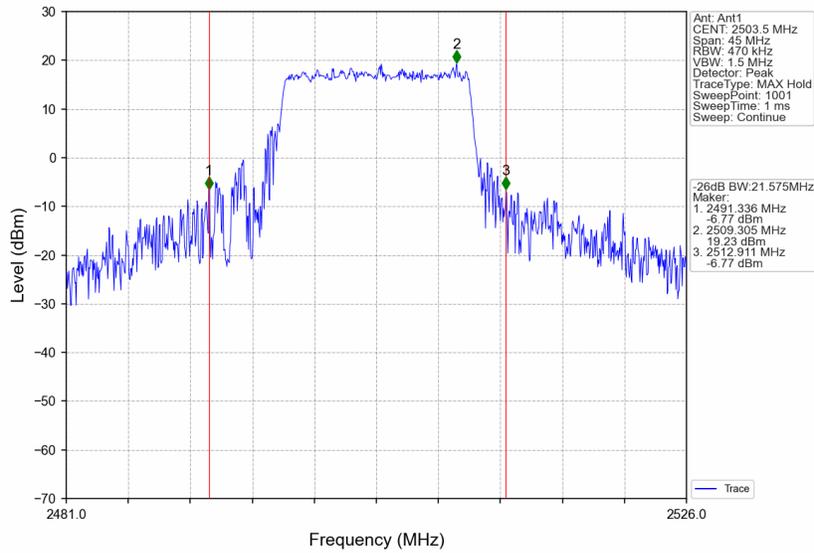
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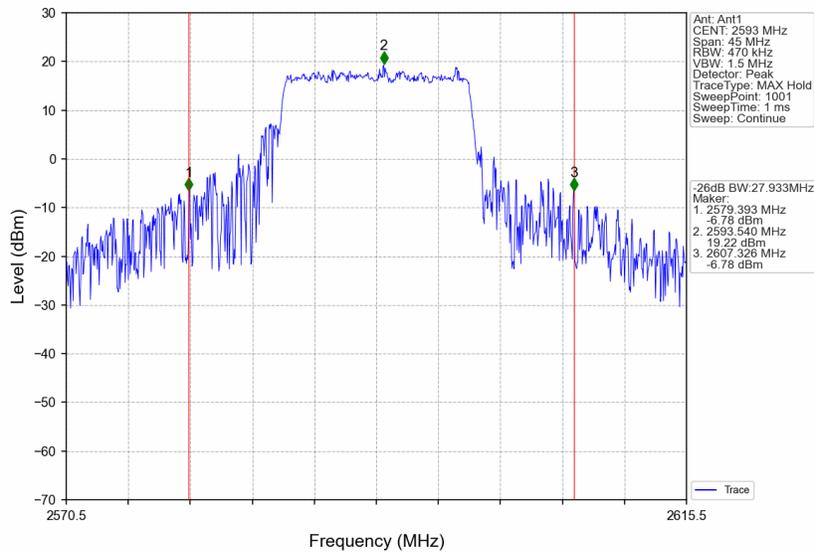
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Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV

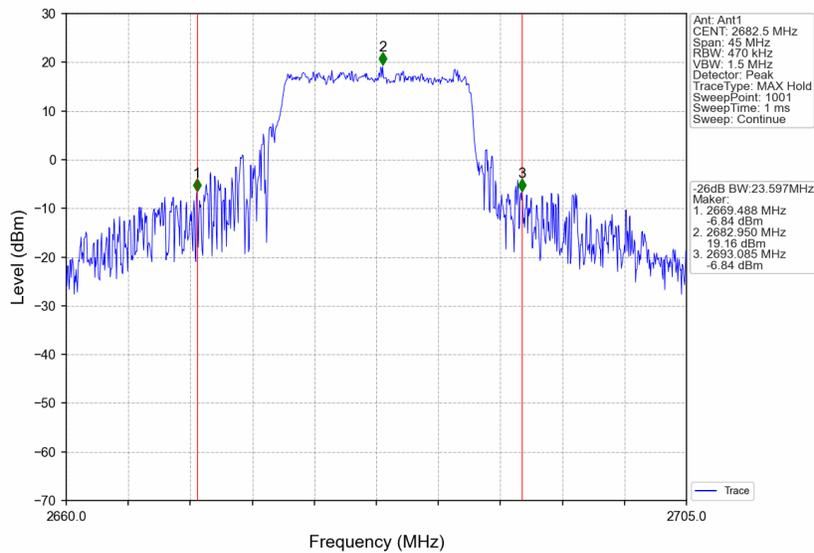


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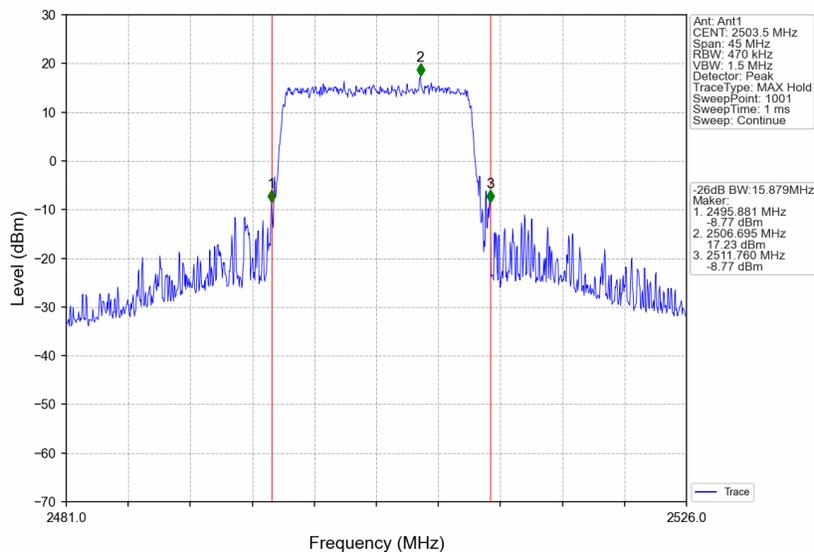
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Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV

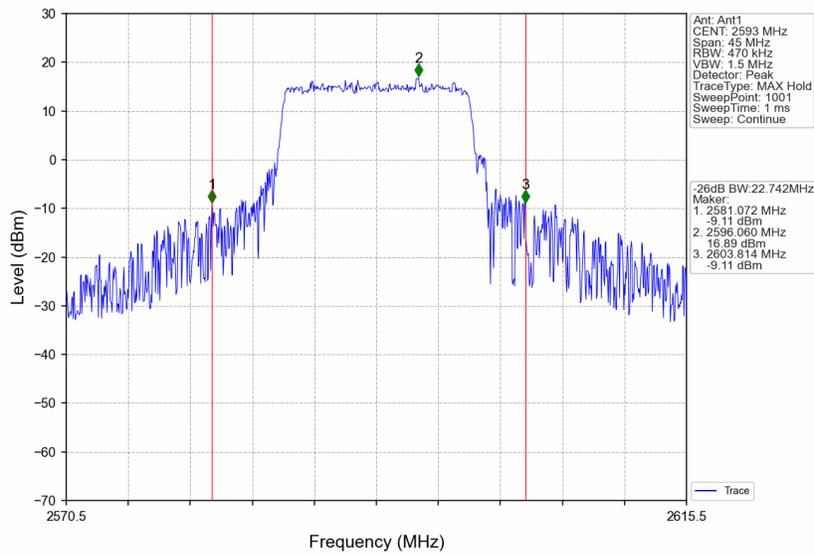


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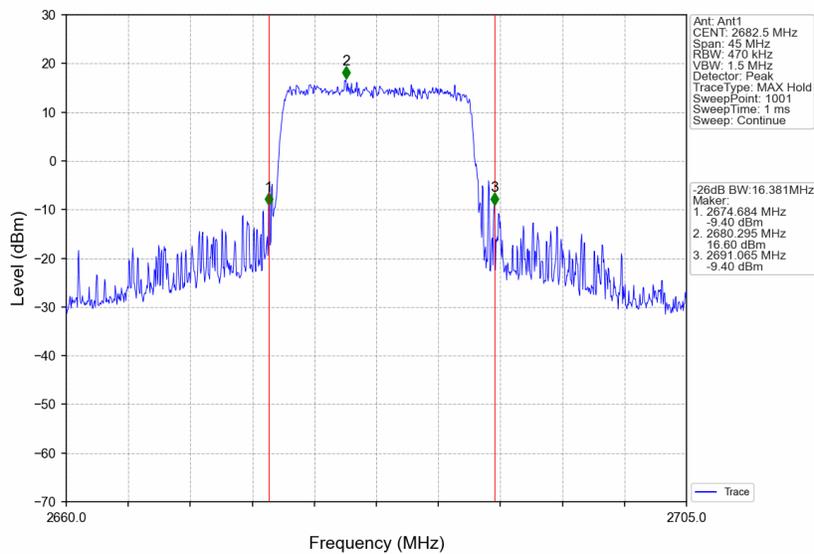
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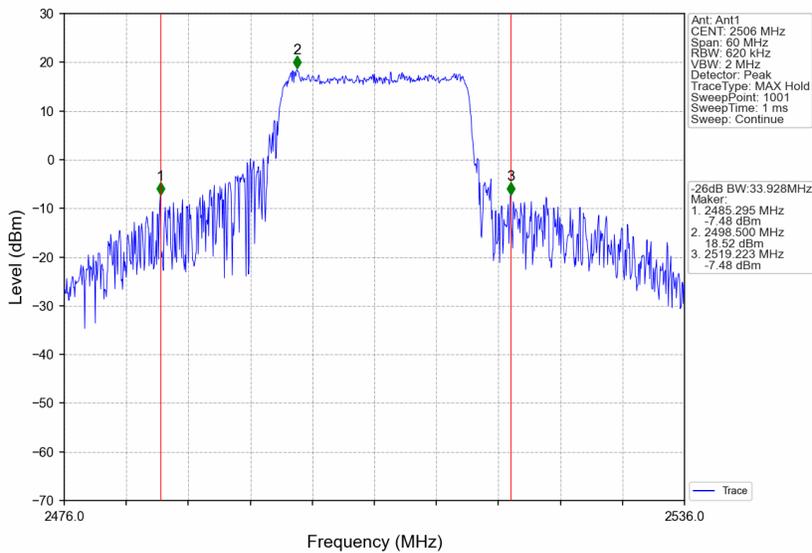


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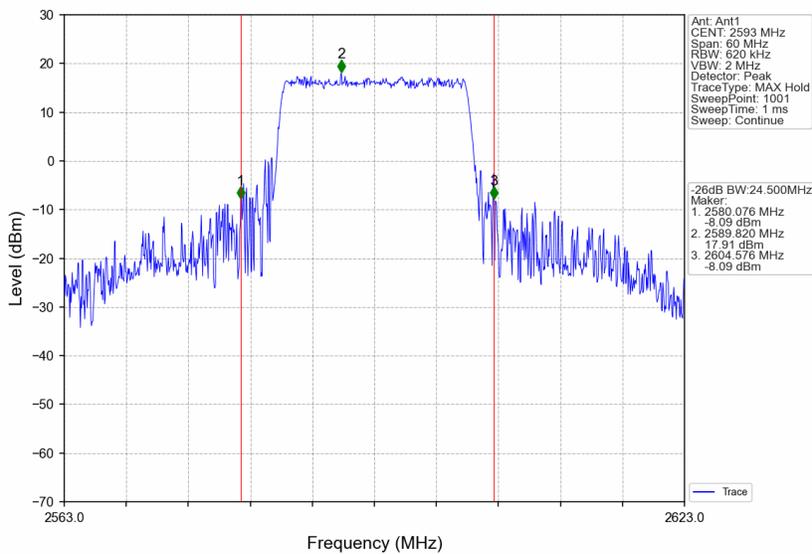
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Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV

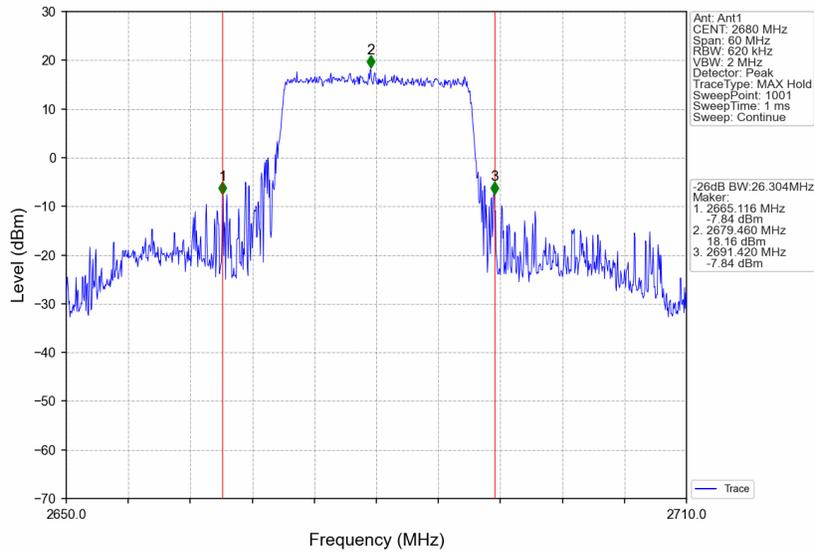


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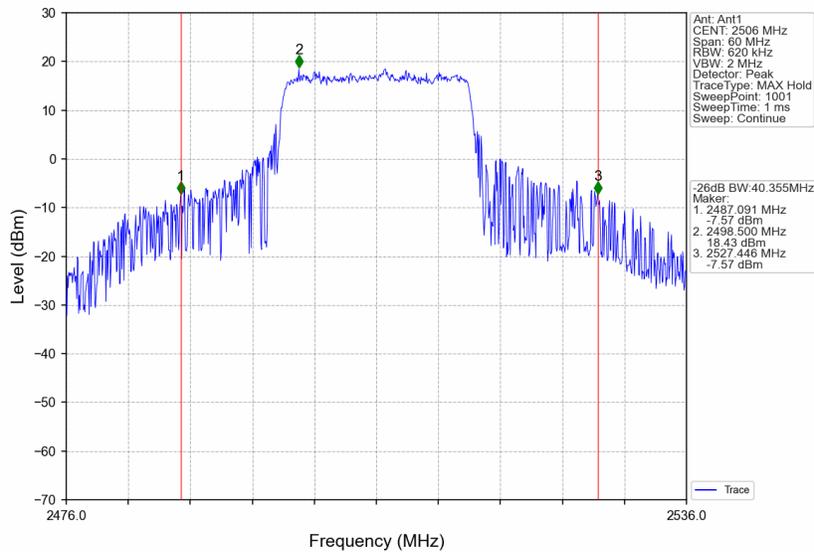
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Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

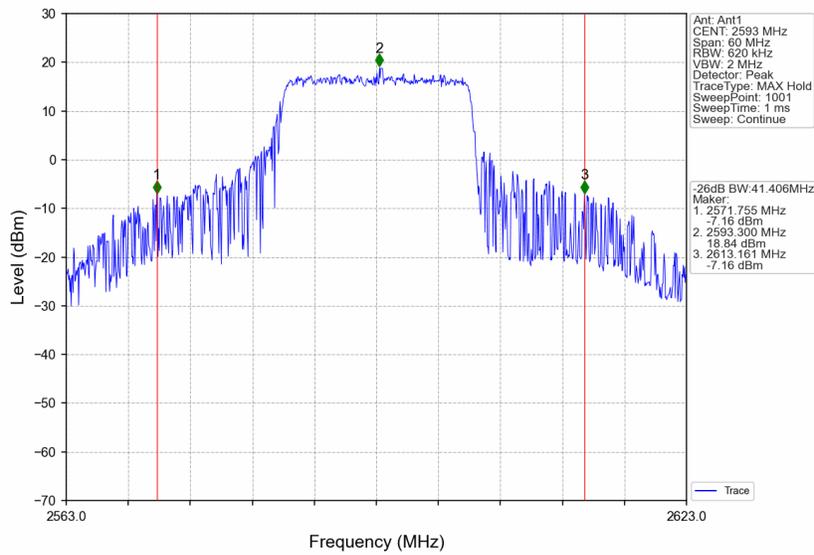


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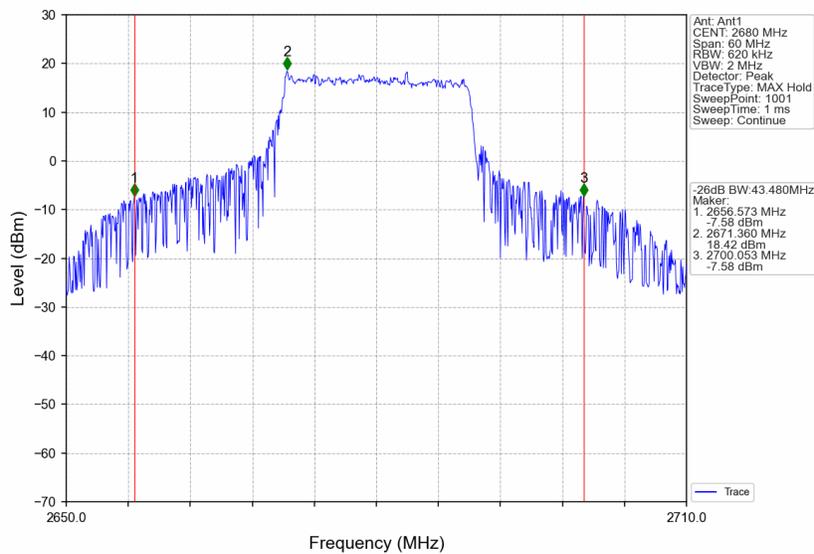
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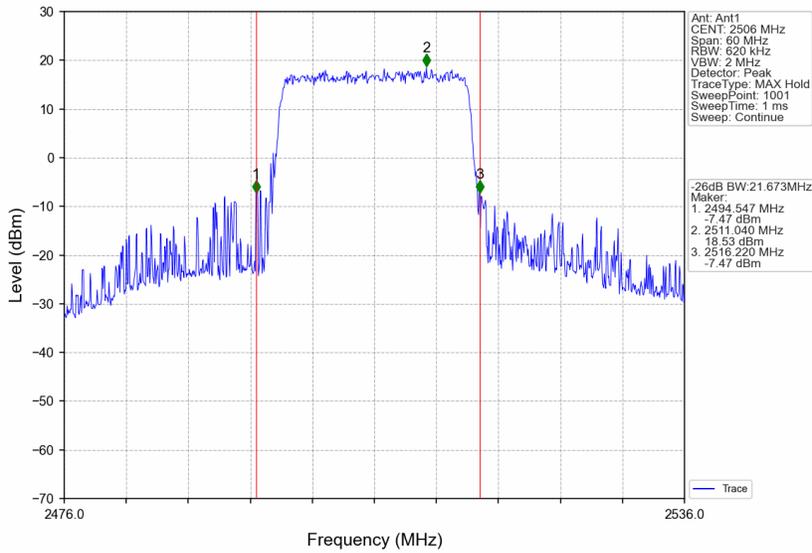


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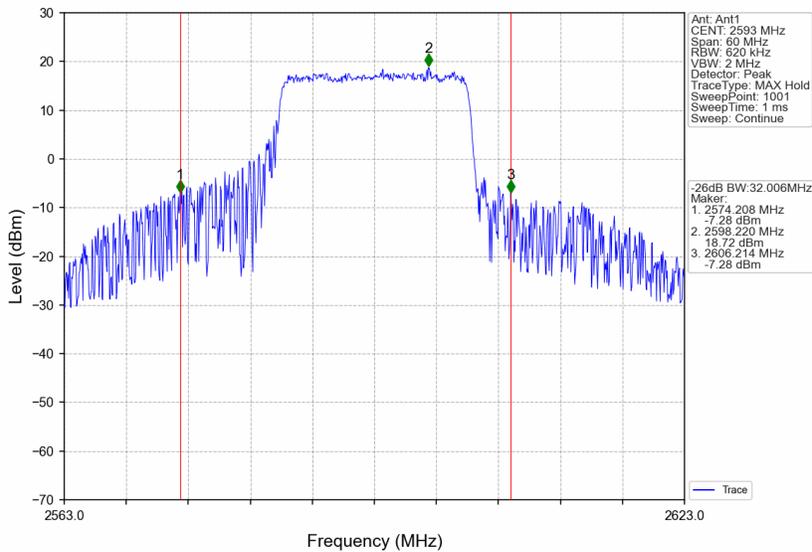
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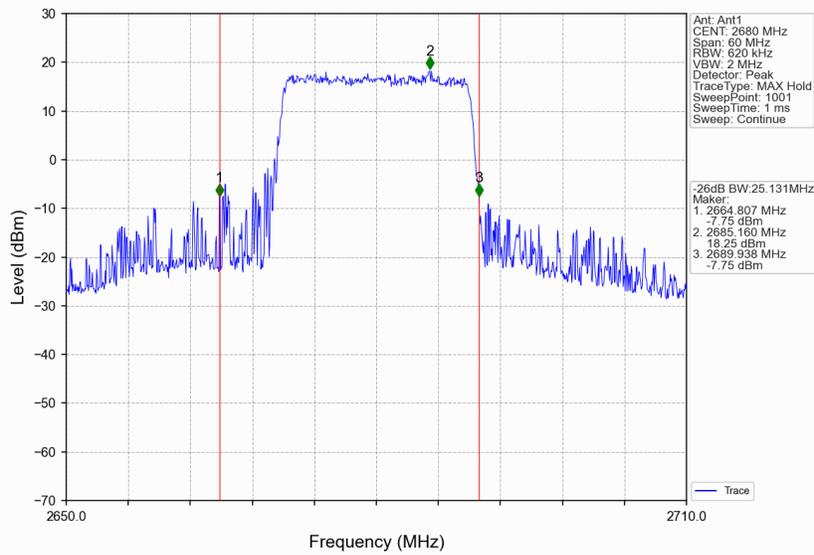


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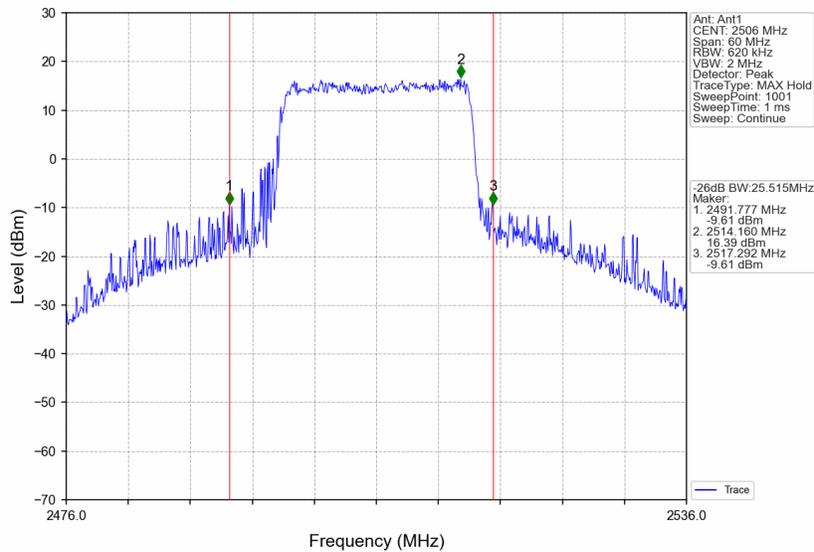
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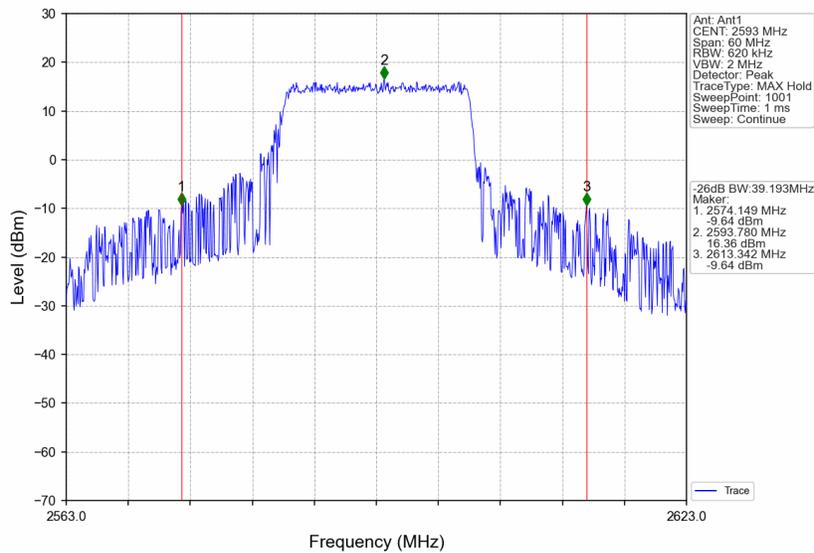


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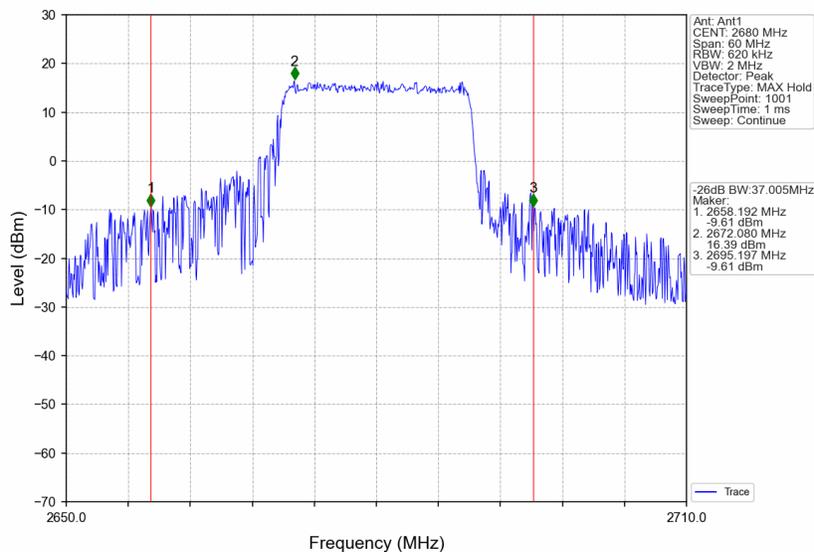
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4. Peak-Average Ratio

4.1 B41_5MHz

4.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.06	<=13	Pass
	2593	25	0	7.29	<=13	Pass
	2687.5	25	0	7.32	<=13	Pass
16QAM	2498.5	25	0	7.80	<=13	Pass
	2593	25	0	8.06	<=13	Pass
	2687.5	25	0	7.85	<=13	Pass
64QAM	2498.5	25	0	8.18	<=13	Pass
	2593	25	0	8.20	<=13	Pass
	2687.5	25	0	8.14	<=13	Pass
256QAM	2498.5	25	0	8.58	<=13	Pass
	2593	25	0	8.70	<=13	Pass
	2687.5	25	0	8.78	<=13	Pass

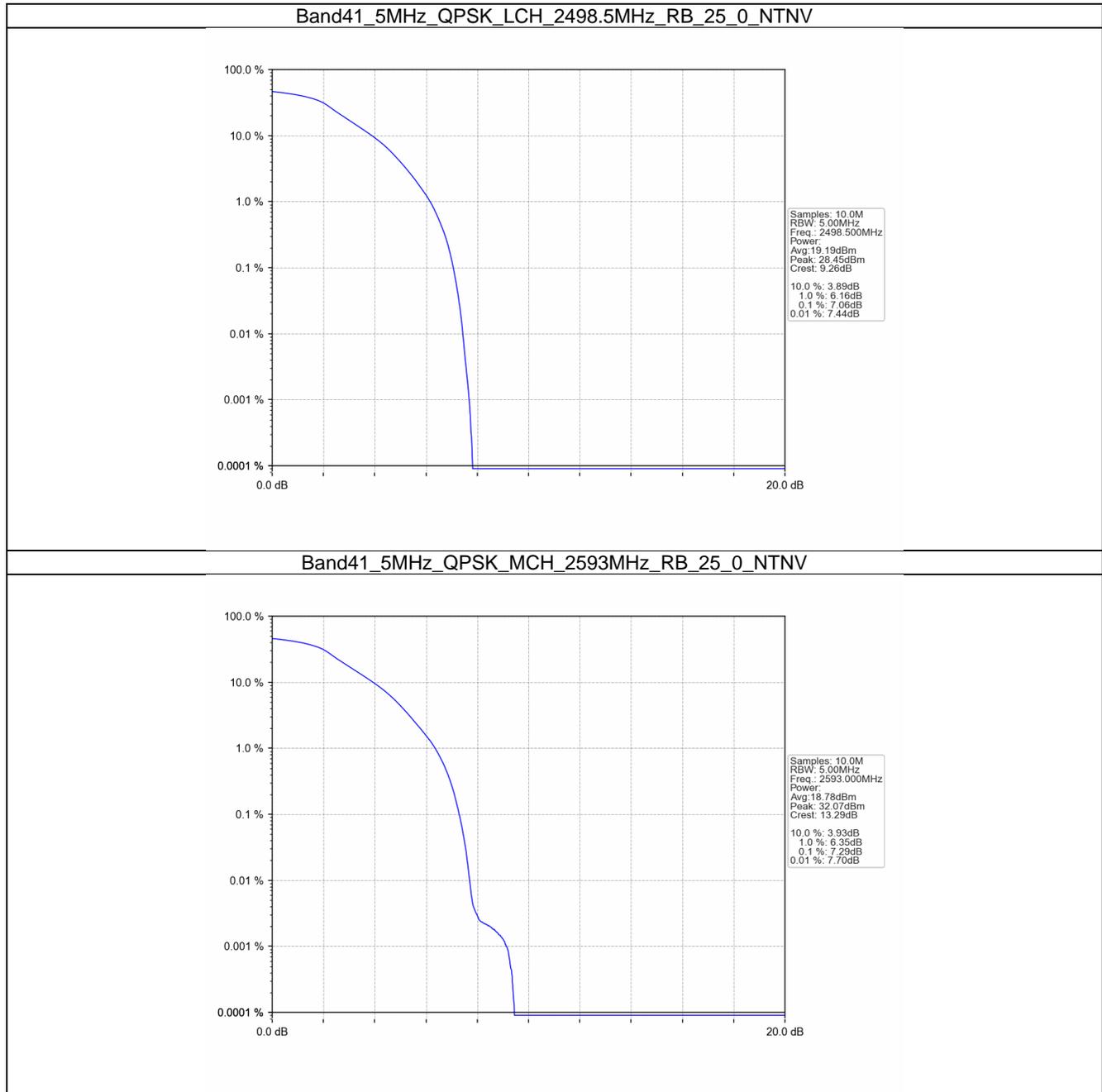


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4.1.2 Test Graph

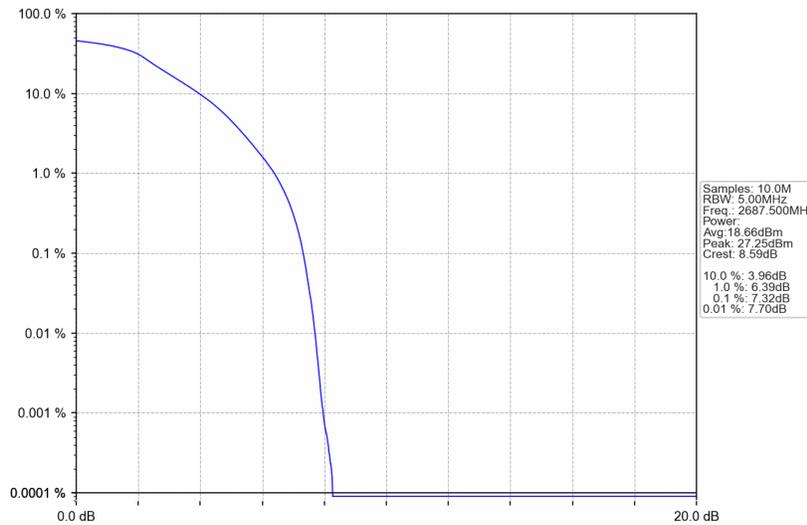


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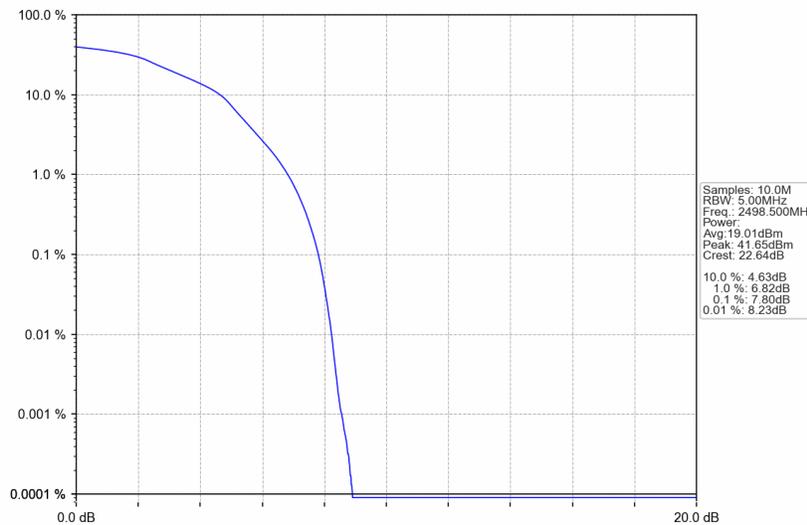
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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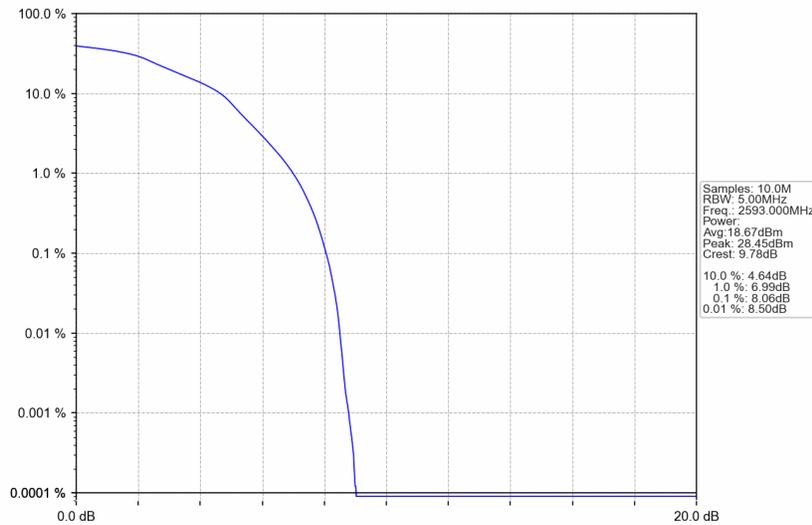
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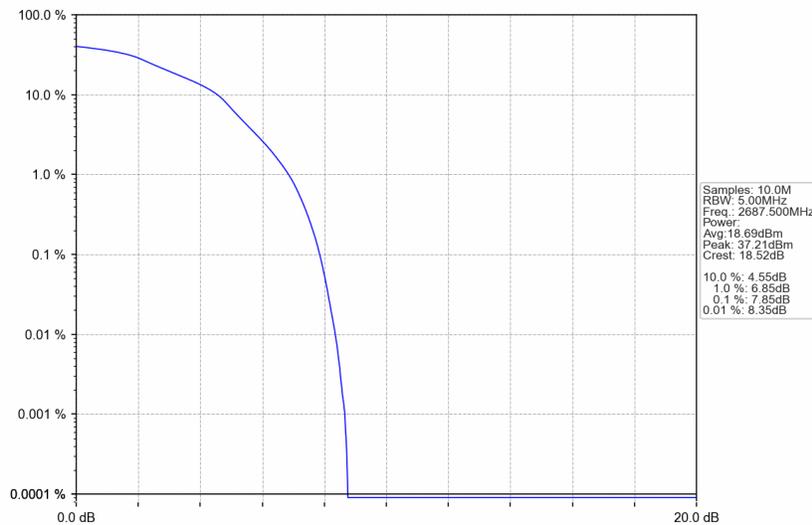
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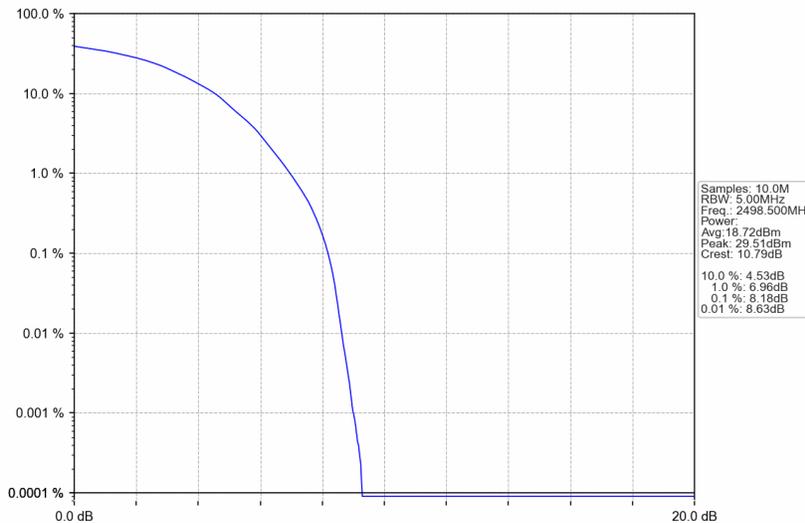
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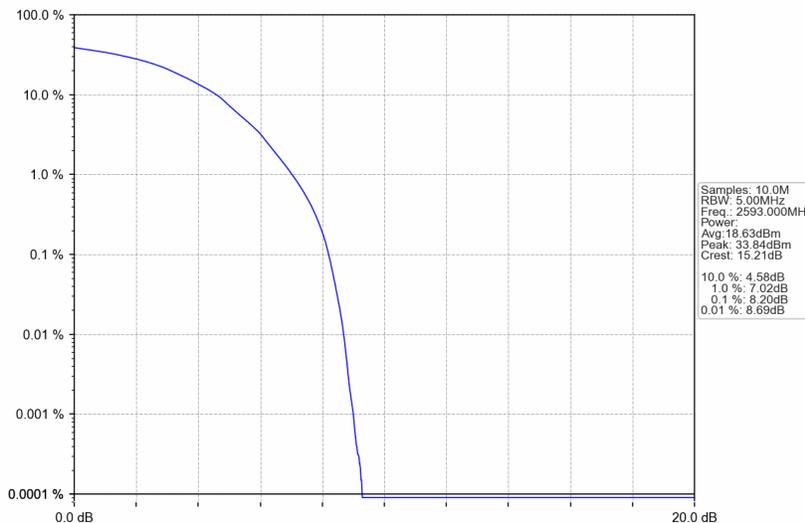
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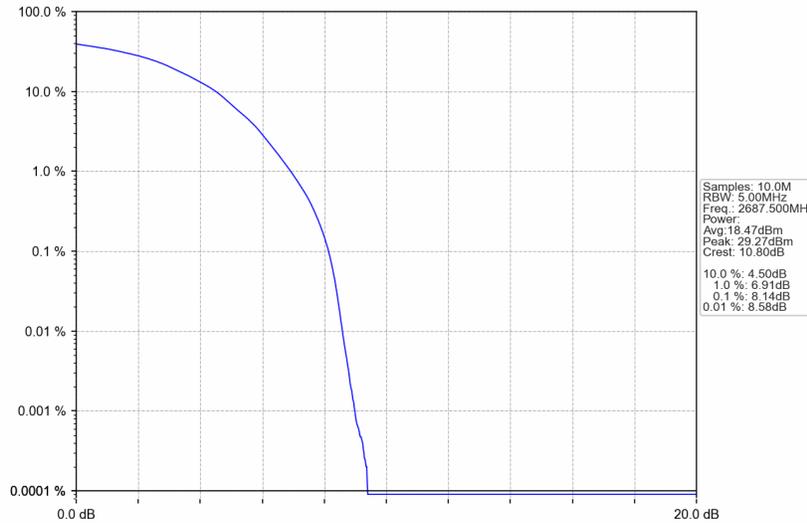
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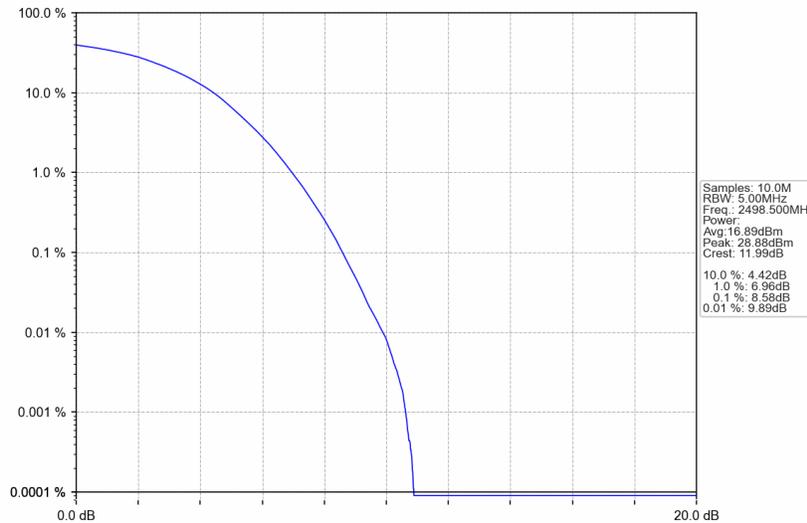
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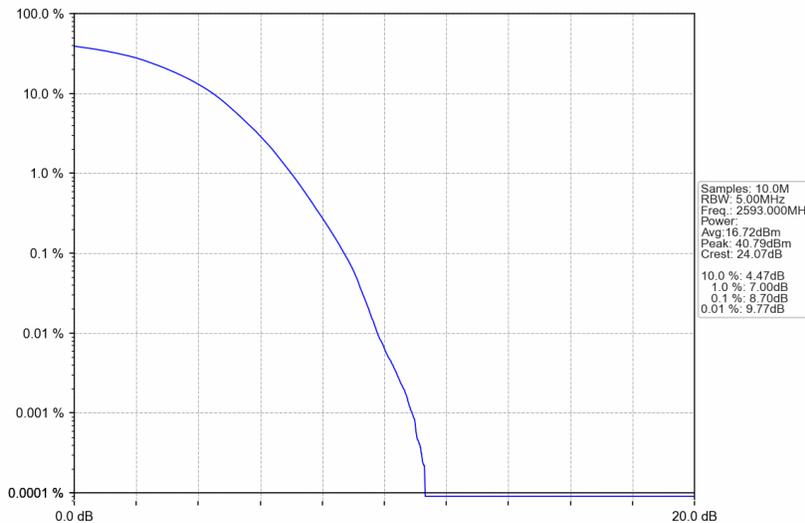
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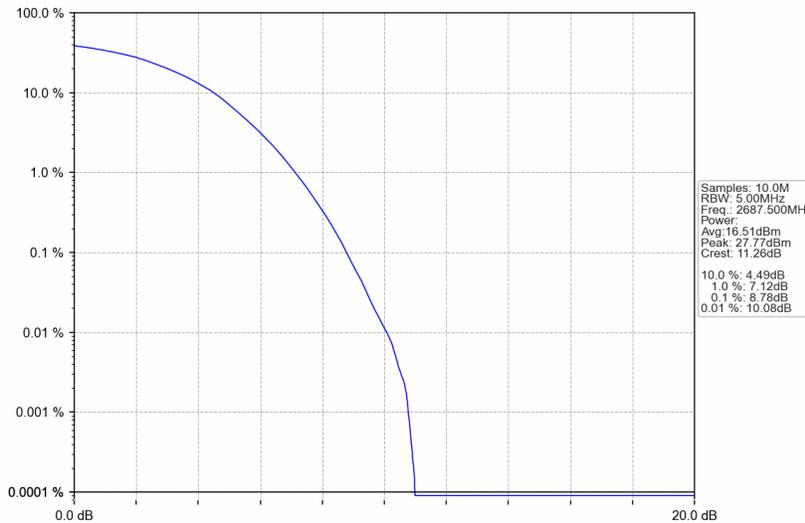
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4.2 B41_10MHz

4.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.13	<=13	Pass
	2593	50	0	7.18	<=13	Pass
	2685	50	0	7.33	<=13	Pass
16QAM	2501	50	0	7.75	<=13	Pass
	2593	50	0	8.03	<=13	Pass
	2685	50	0	8.01	<=13	Pass
64QAM	2501	50	0	8.18	<=13	Pass
	2593	50	0	8.20	<=13	Pass
	2685	50	0	8.11	<=13	Pass
256QAM	2501	50	0	8.78	<=13	Pass
	2593	50	0	8.50	<=13	Pass
	2685	50	0	8.73	<=13	Pass



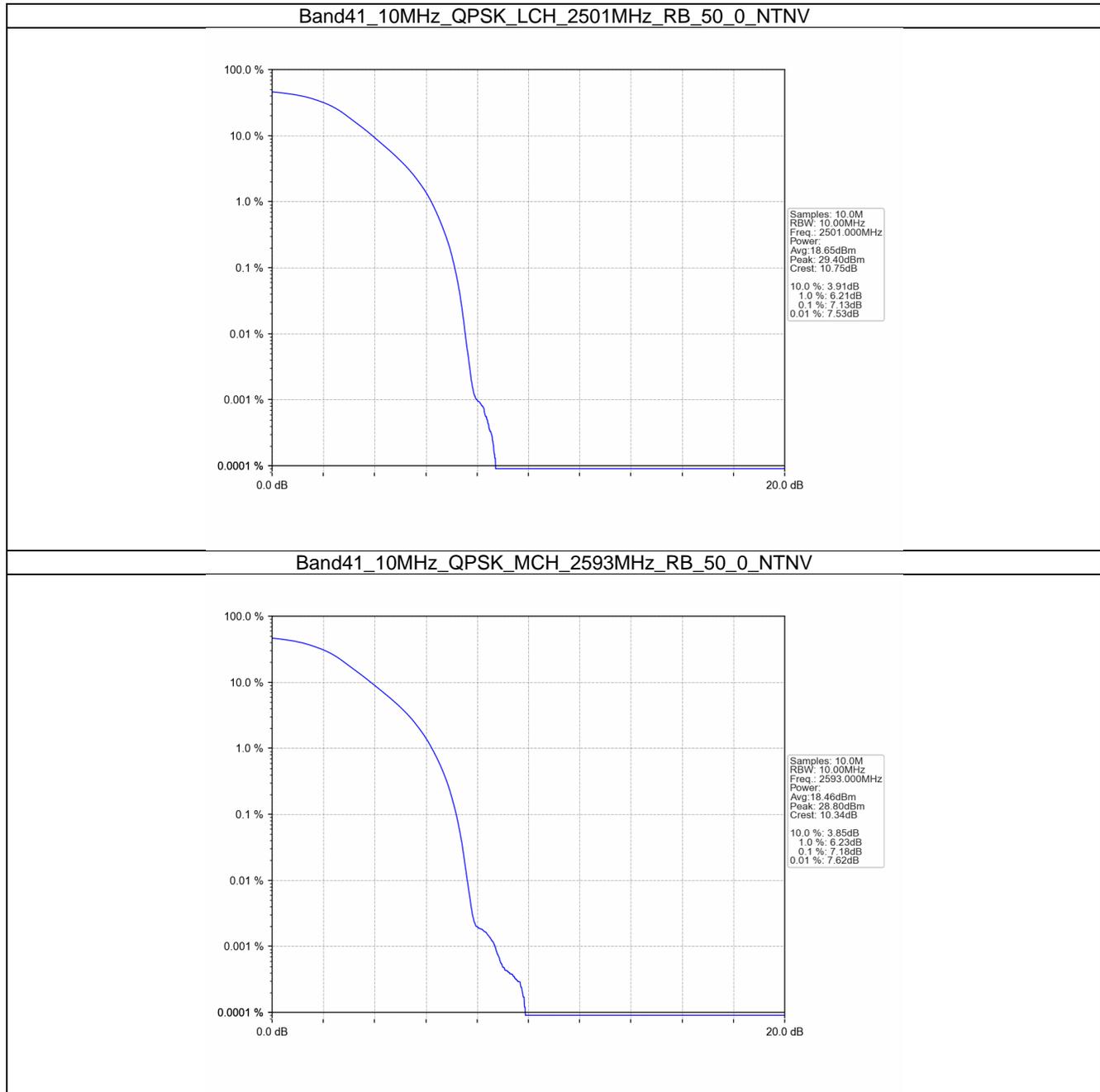
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4.2.2 Test Graph

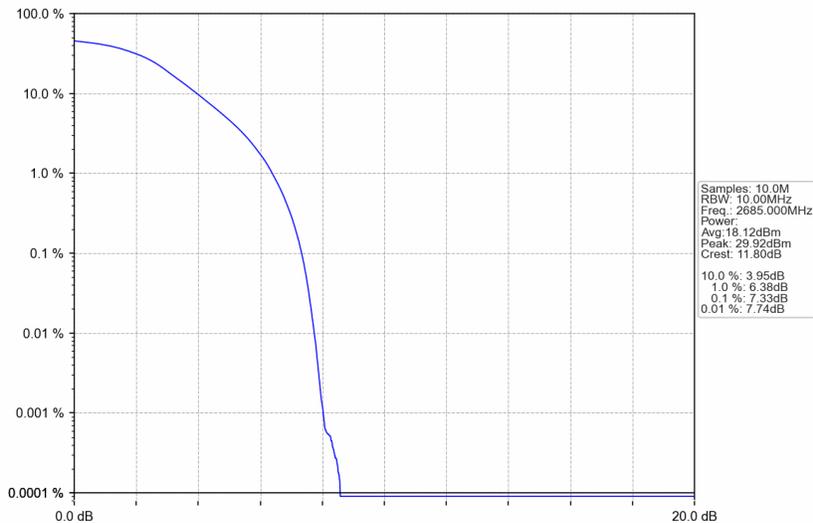


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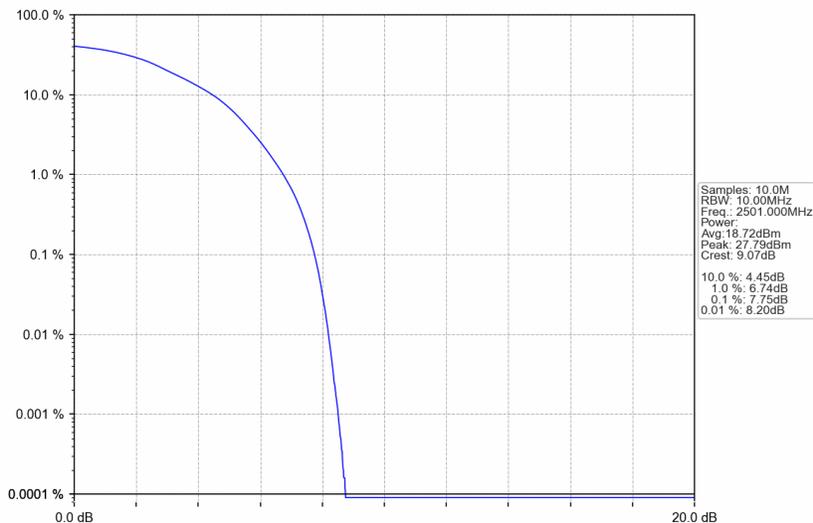
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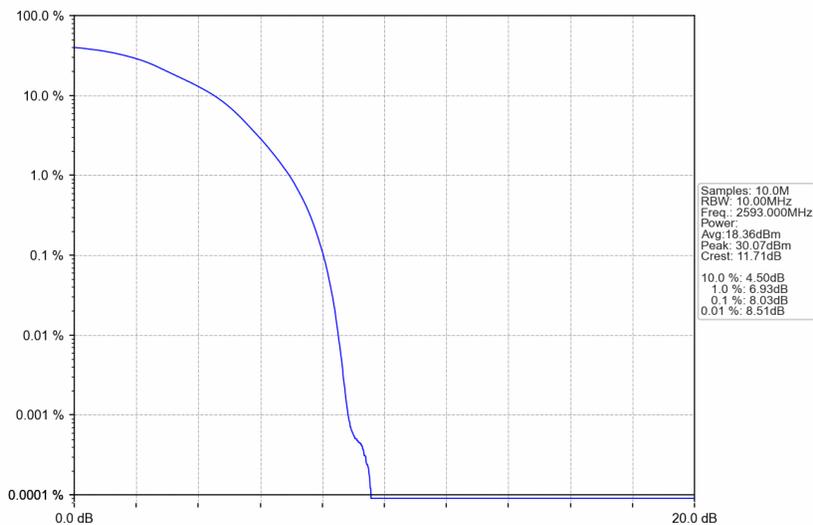


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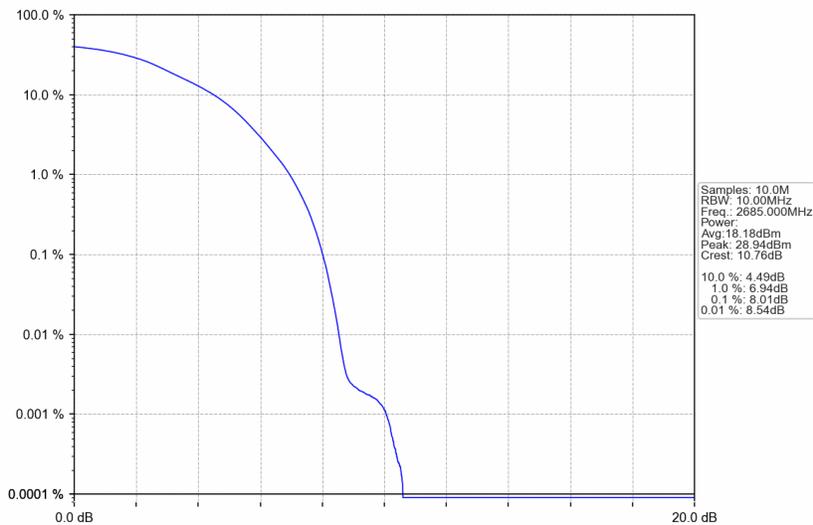
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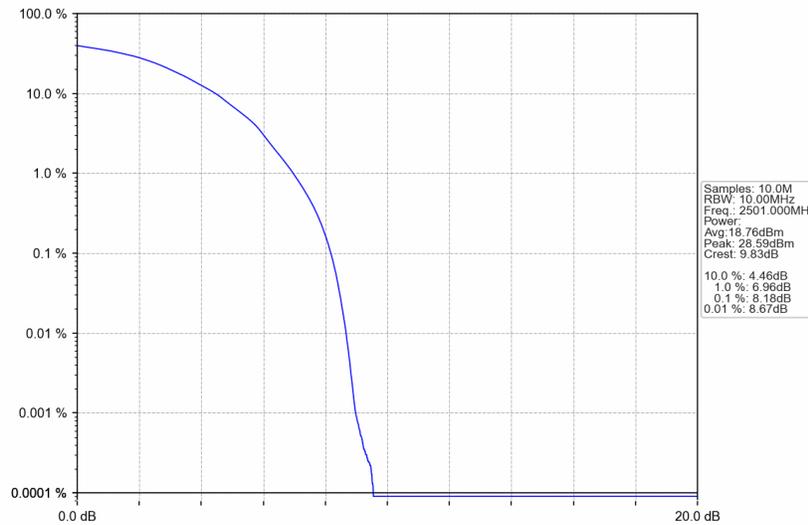


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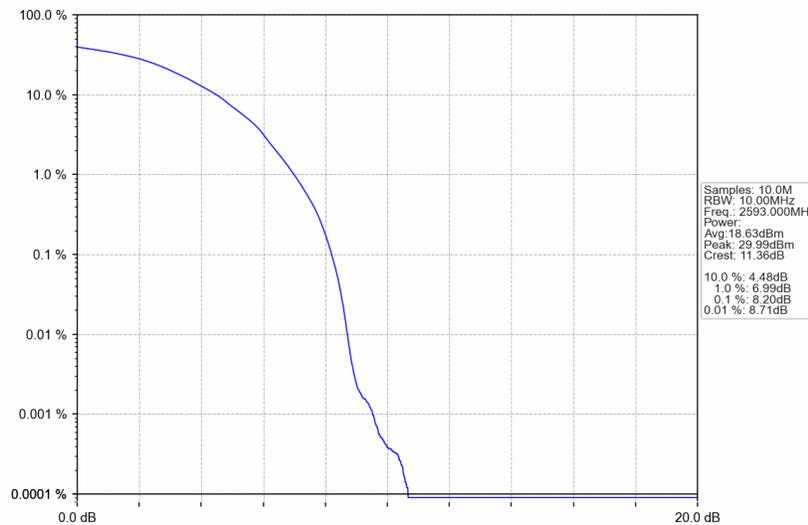
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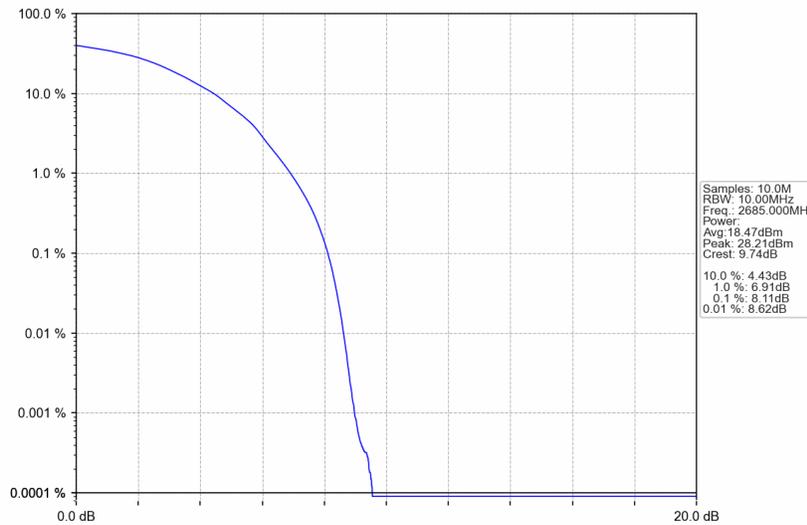
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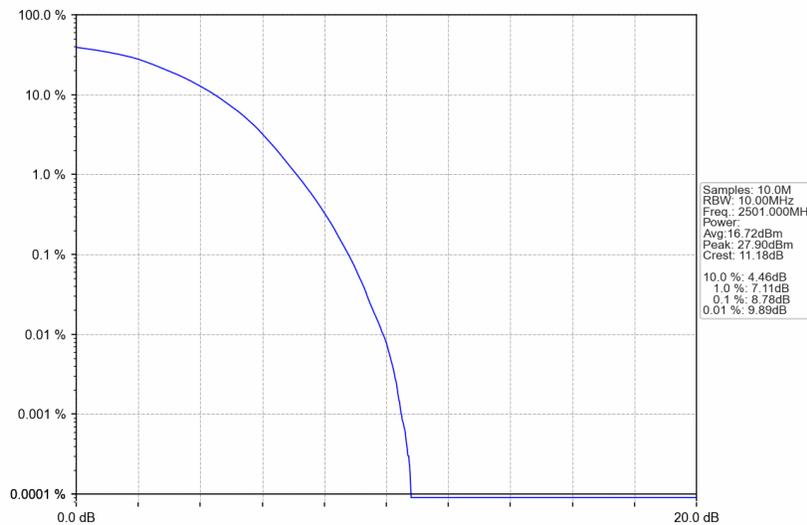
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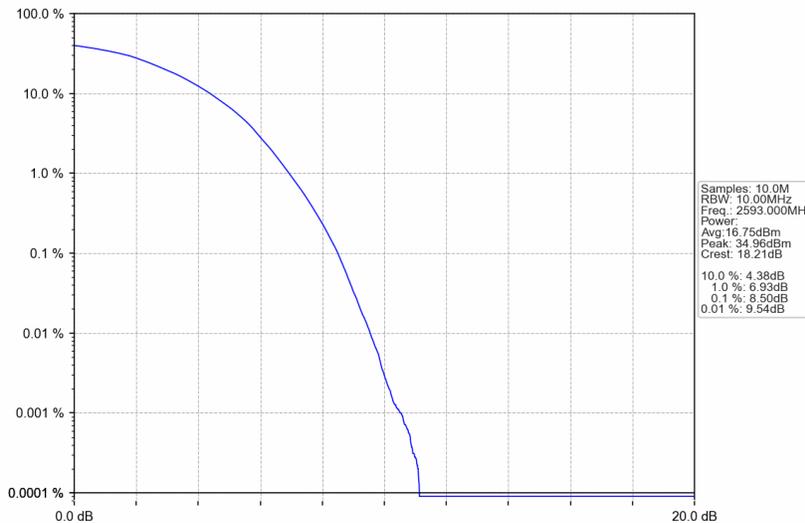


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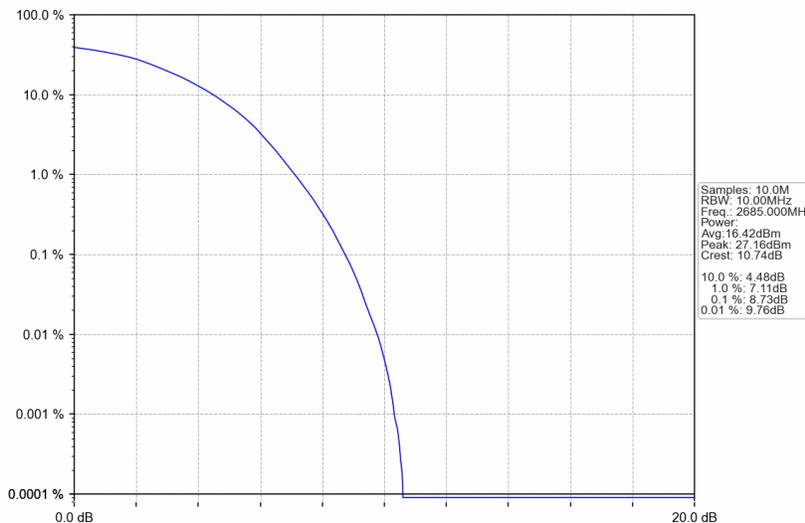
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4.3 B41_15MHz

4.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.21	<=13	Pass
	2593	75	0	7.11	<=13	Pass
	2682.5	75	0	7.04	<=13	Pass
16QAM	2503.5	75	0	8.26	<=13	Pass
	2593	75	0	8.61	<=13	Pass
	2682.5	75	0	8.48	<=13	Pass
64QAM	2503.5	75	0	8.06	<=13	Pass
	2593	75	0	7.98	<=13	Pass
	2682.5	75	0	7.87	<=13	Pass
256QAM	2503.5	75	0	8.47	<=13	Pass
	2593	75	0	8.73	<=13	Pass
	2682.5	75	0	8.56	<=13	Pass



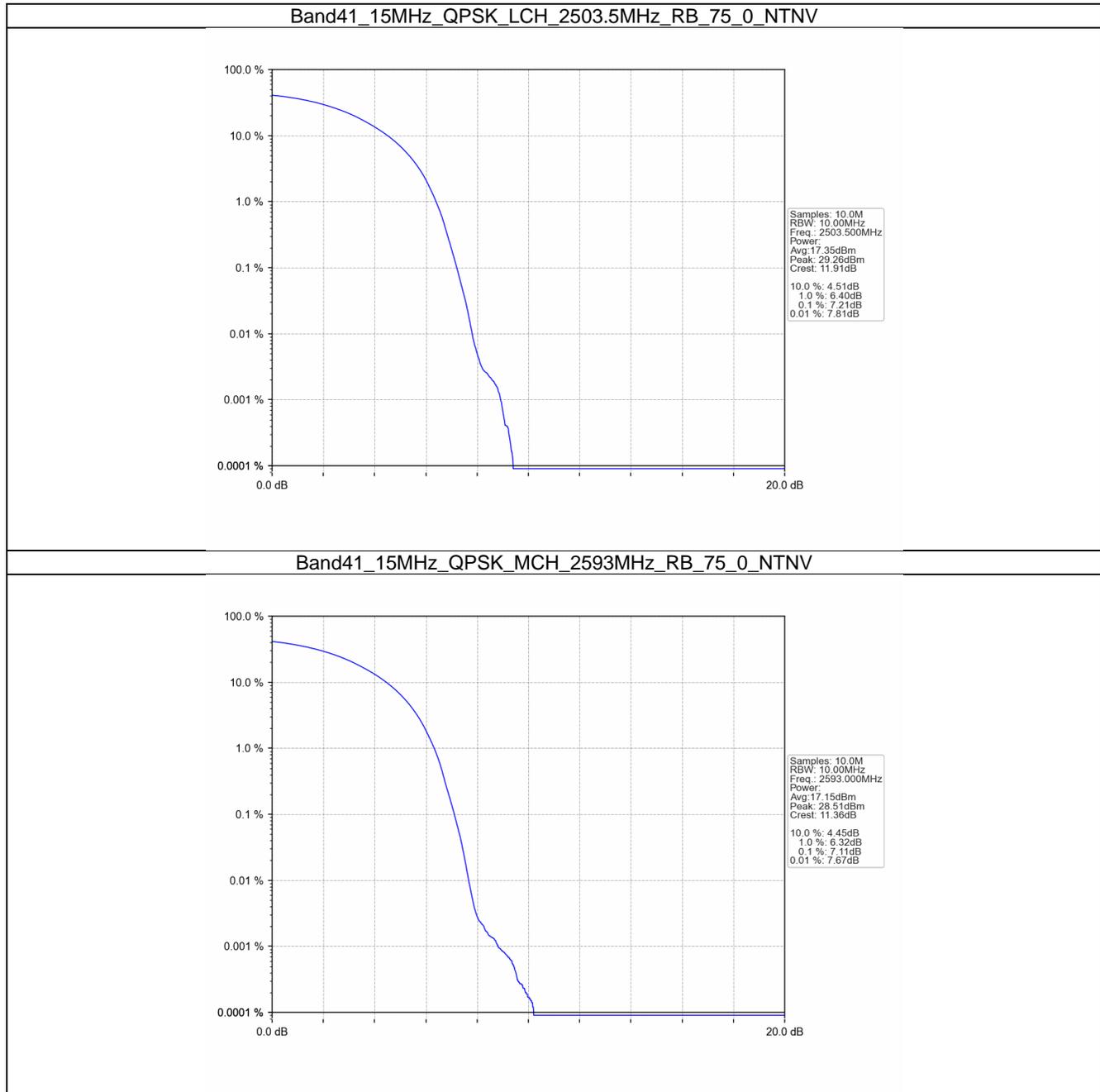
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4.3.2 Test Graph

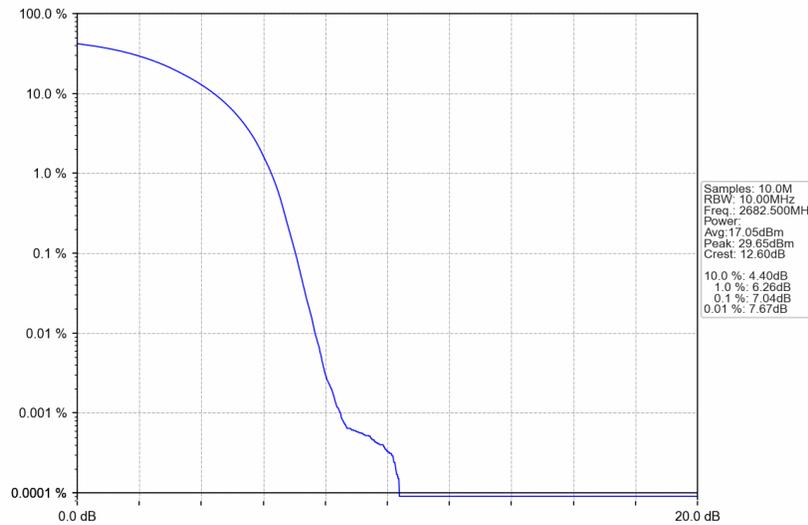


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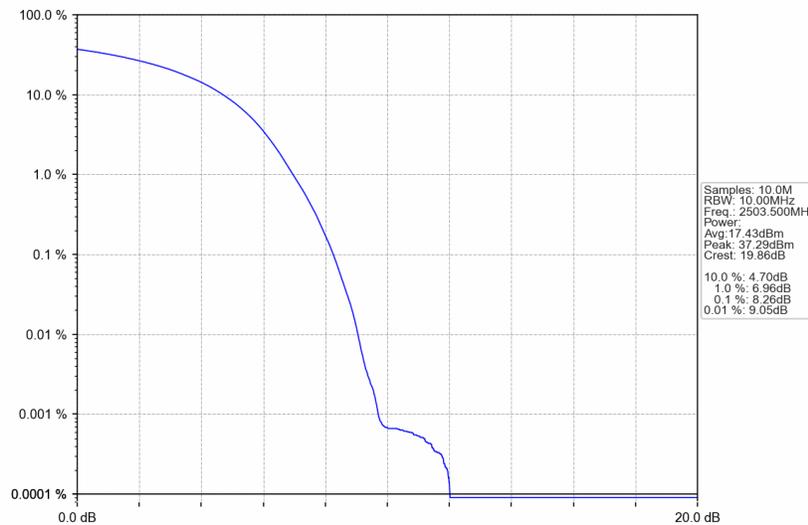
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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



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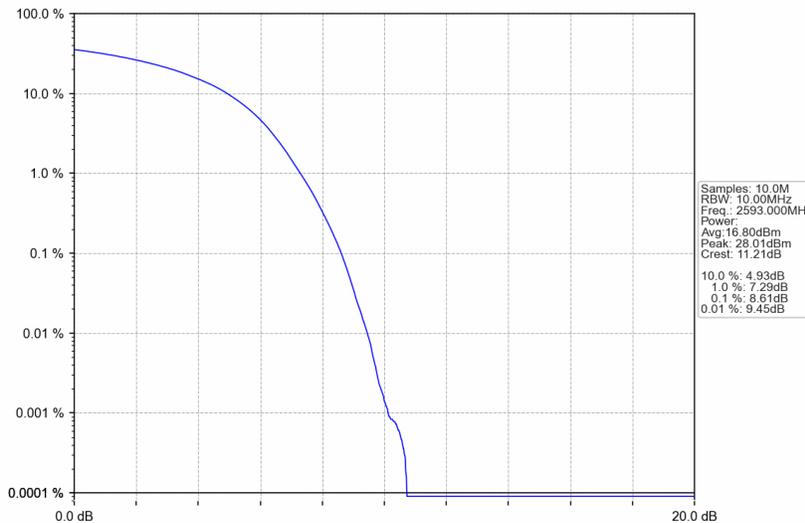
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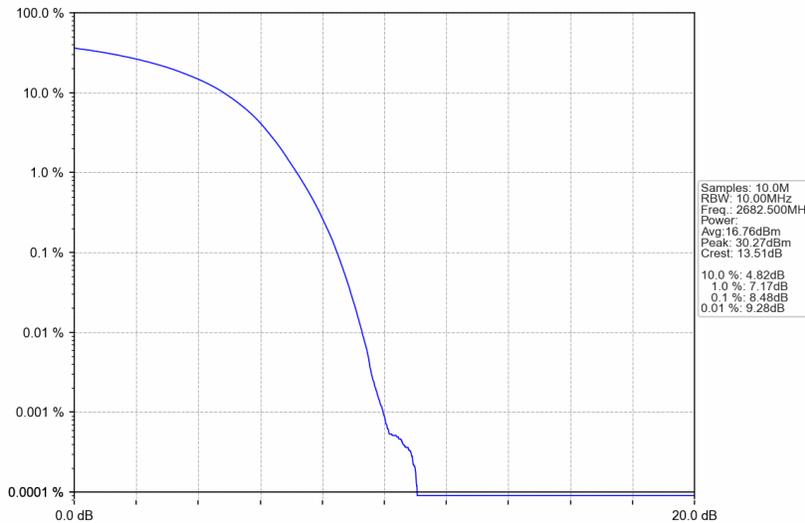
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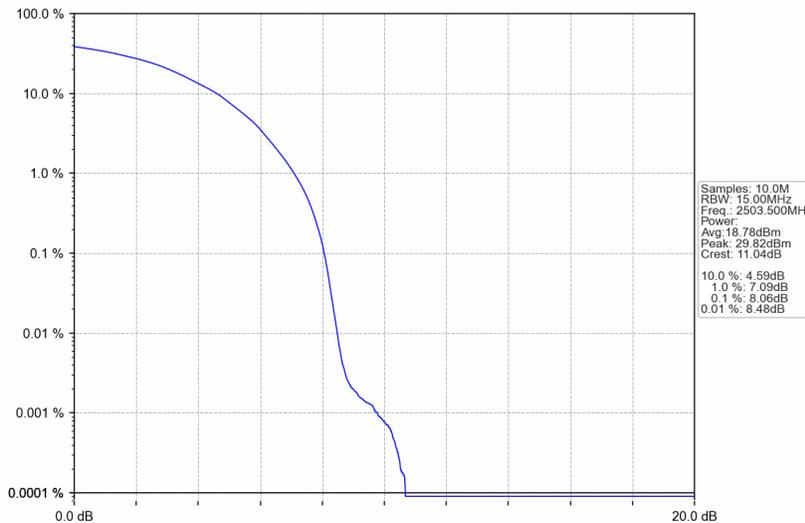


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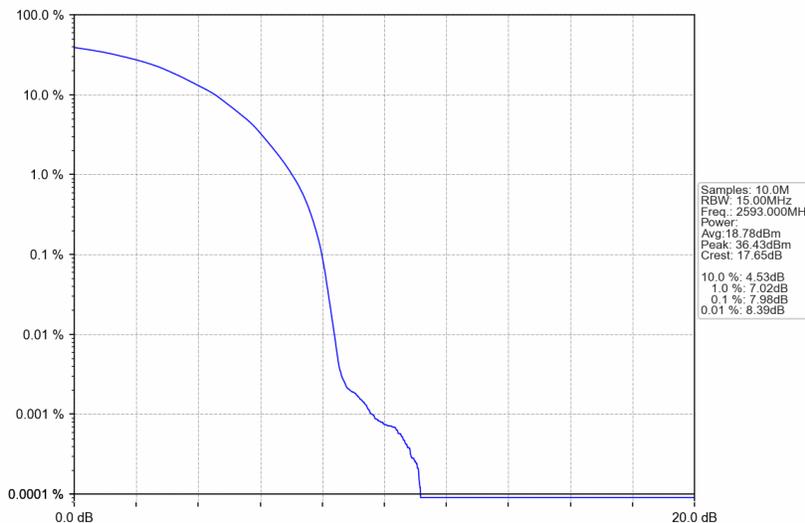
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Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



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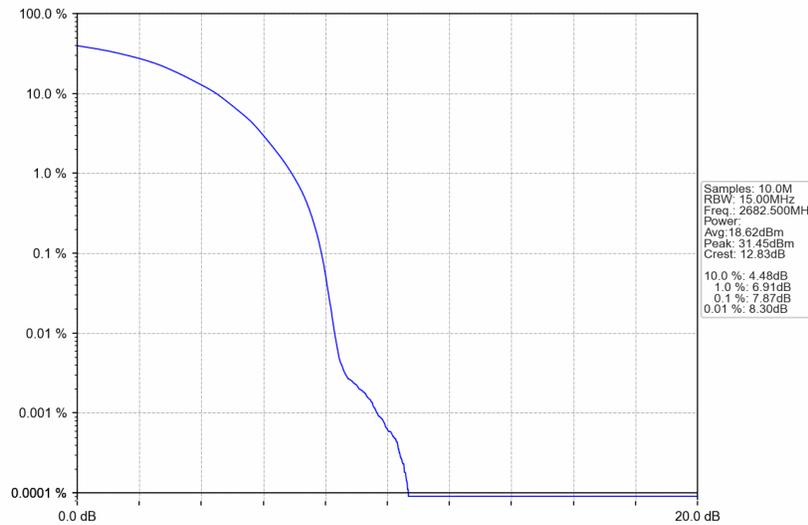
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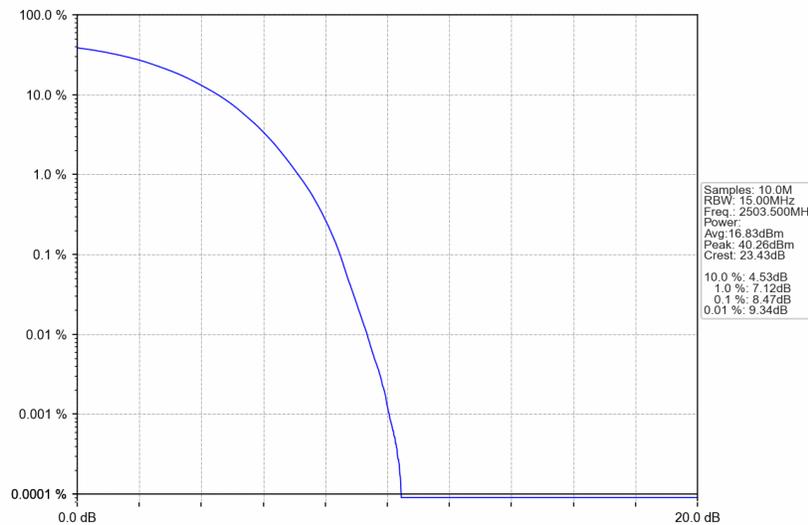
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Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV

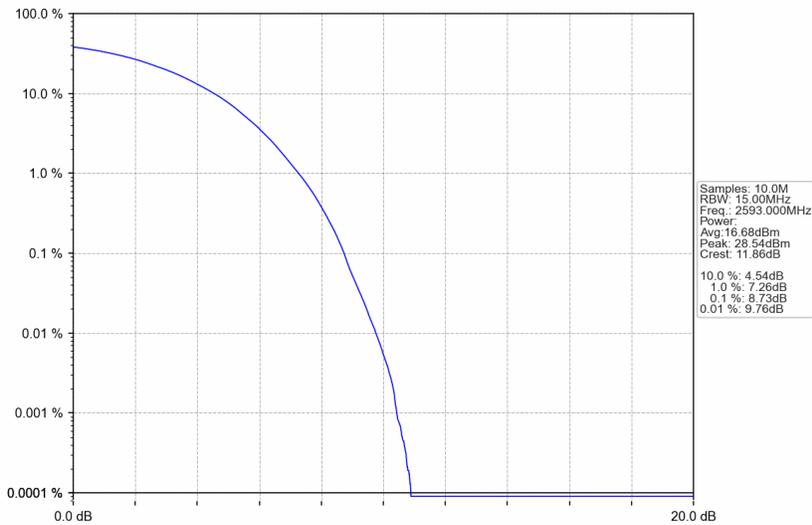


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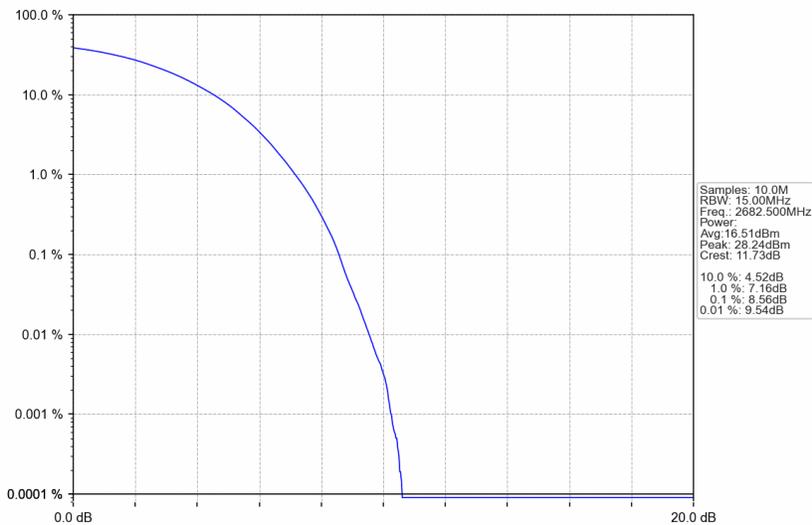
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4.4 B41_20MHz

4.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.75	<=13	Pass
	2593	100	0	7.84	<=13	Pass
	2680	100	0	7.82	<=13	Pass
16QAM	2506	100	0	8.72	<=13	Pass
	2593	100	0	8.93	<=13	Pass
	2680	100	0	8.87	<=13	Pass
64QAM	2506	100	0	8.32	<=13	Pass
	2593	100	0	8.47	<=13	Pass
	2680	100	0	8.84	<=13	Pass
256QAM	2506	100	0	8.72	<=13	Pass
	2593	100	0	8.58	<=13	Pass
	2680	100	0	8.54	<=13	Pass

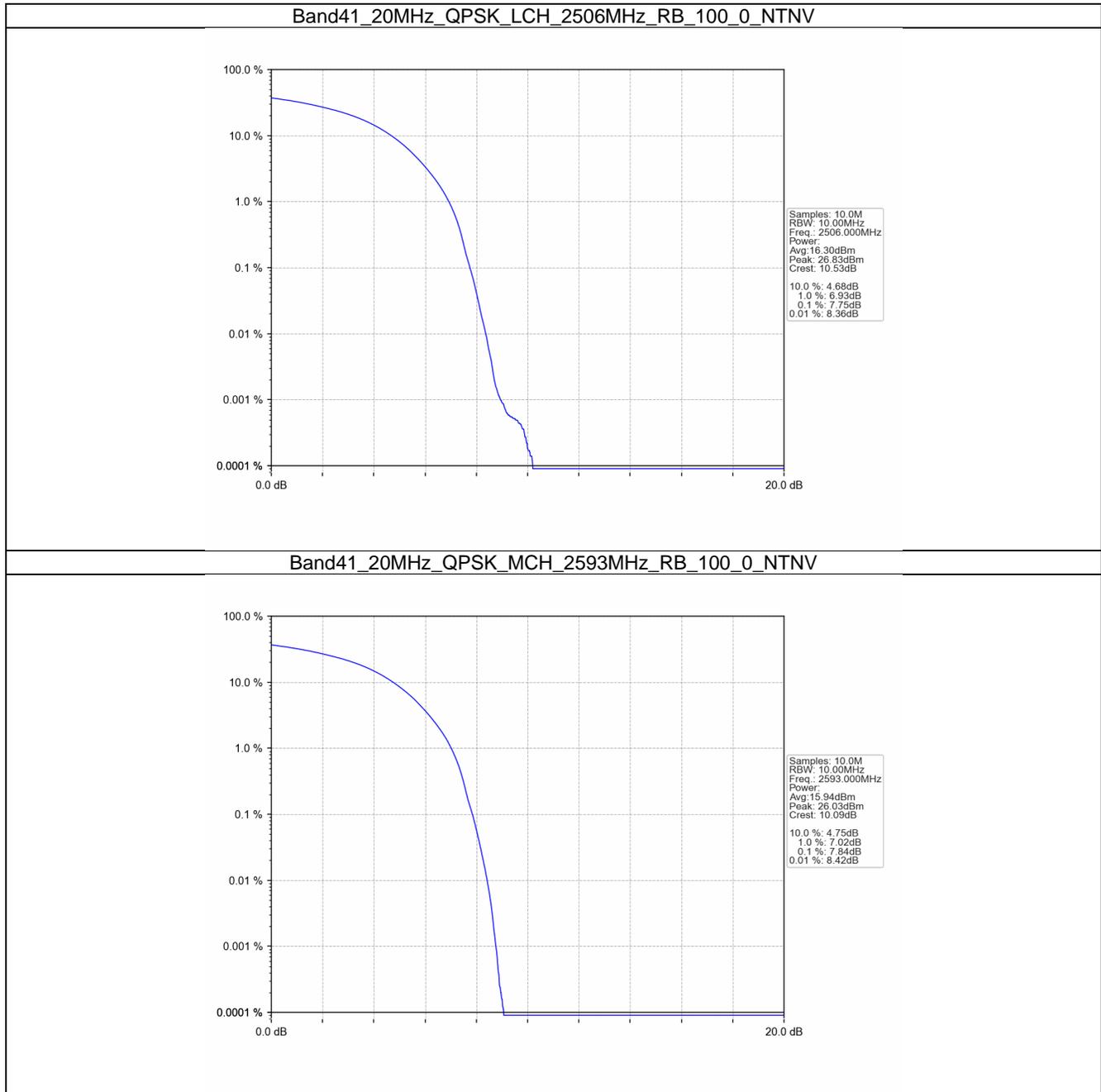


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4.4.2 Test Graph

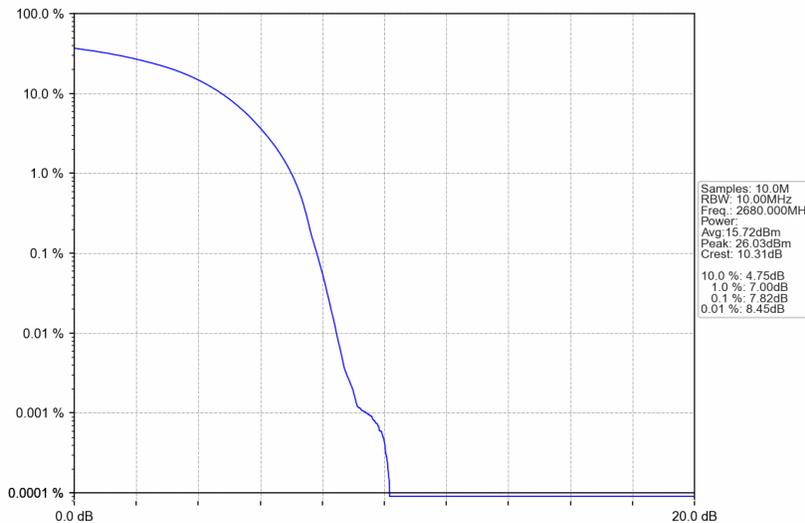


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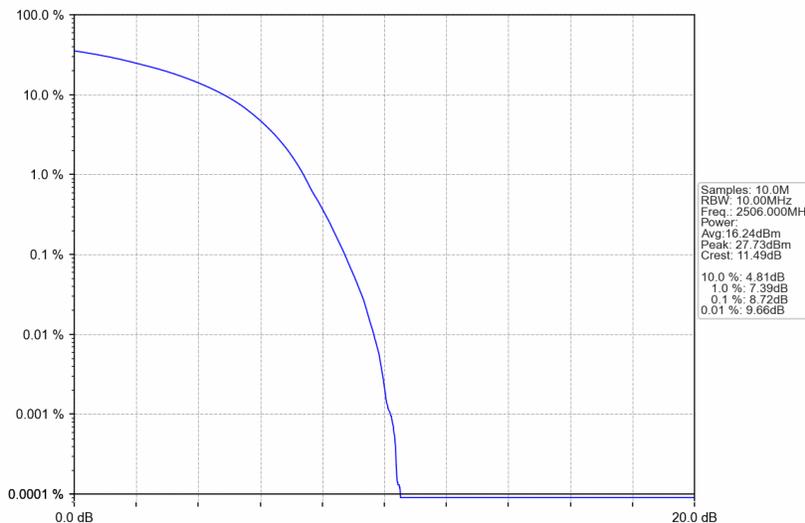
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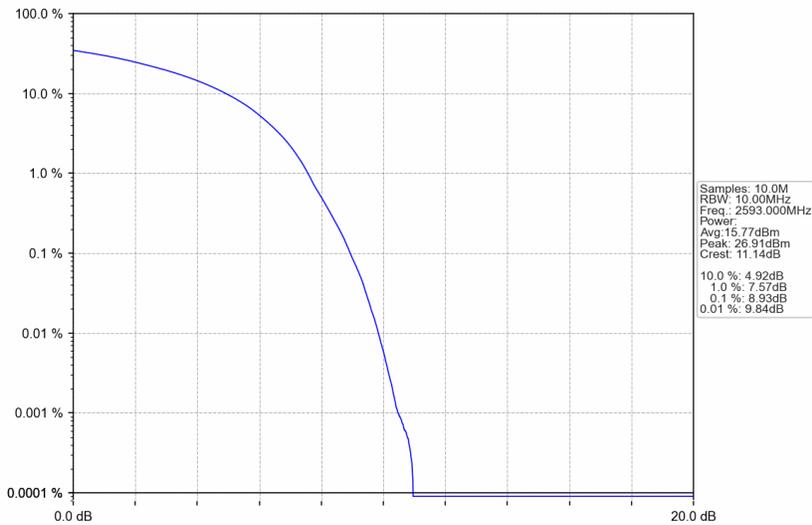


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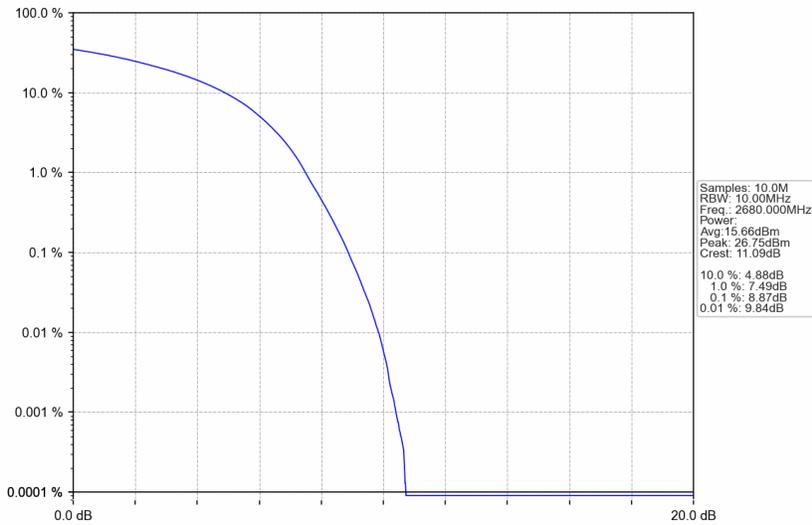
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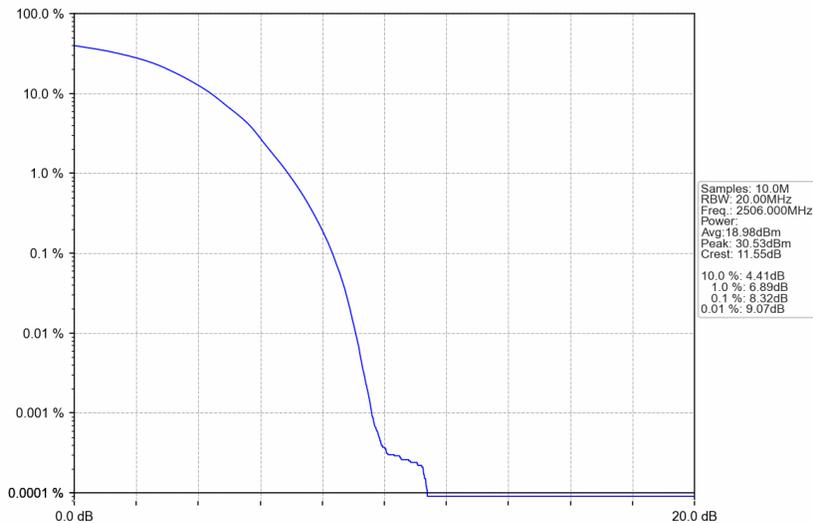


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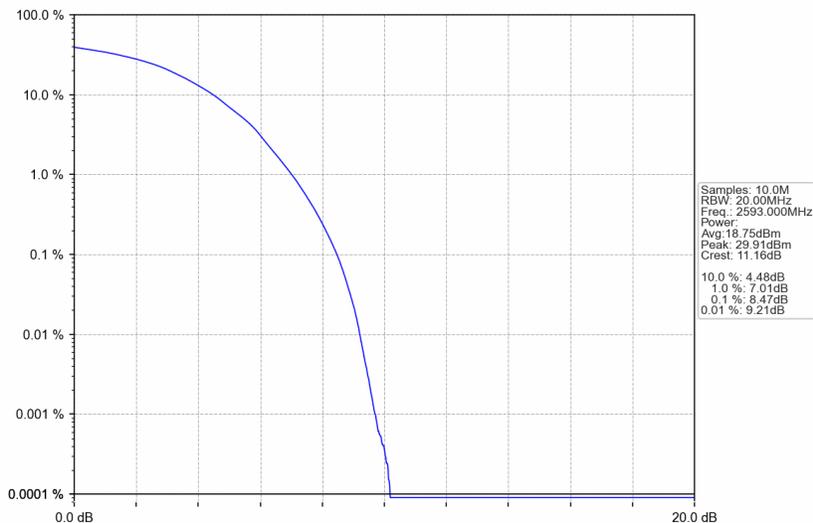
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Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



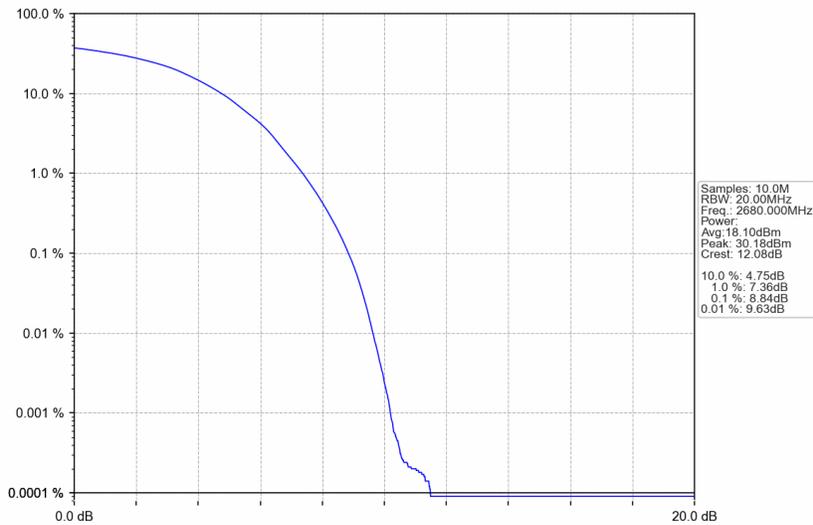
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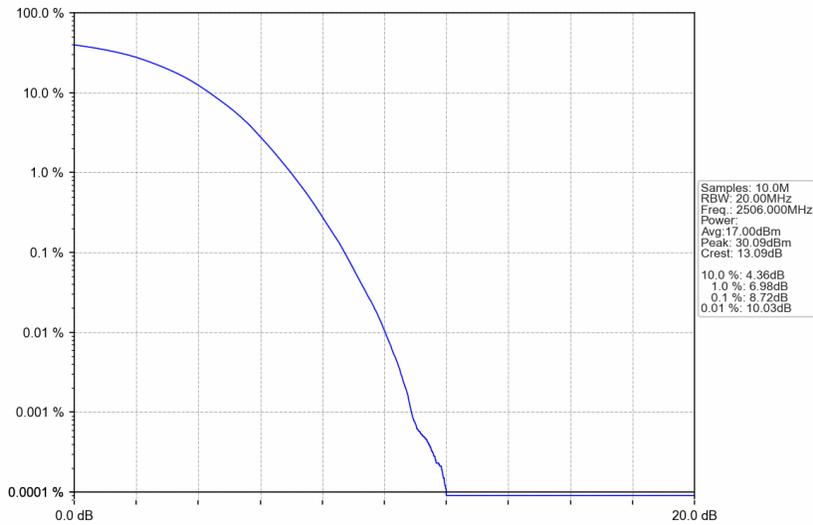
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Wireless Laboratory

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Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV

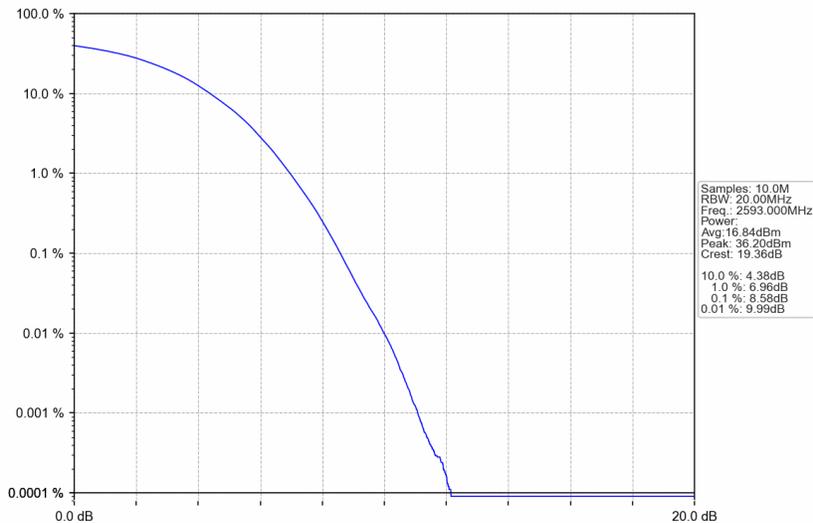


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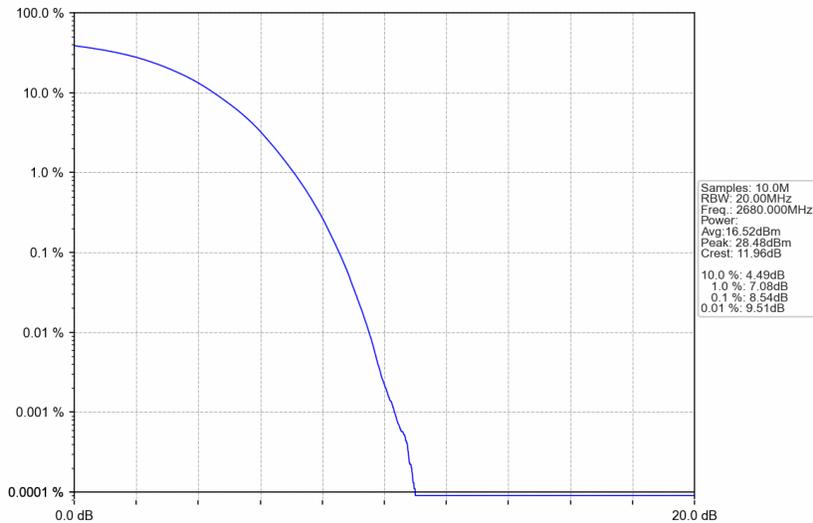
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Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_HCH_2680MHz_RB_100_0_NTNV



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5. Spurious Emission & Band Edges

5.1 B41_5MHz

5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
	2593	1	0	Refer To Test Graph	Pass	
		2687.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
16QAM	2498.5	1	0	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
	2593	1	0	Refer To Test Graph	Pass	
		2687.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
64QAM	2498.5	1	0	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
	2593	1	0	Refer To Test Graph	Pass	
		2687.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
256QAM	2498.5	1	0	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
	2593	1	0	Refer To Test Graph	Pass	
		2687.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	

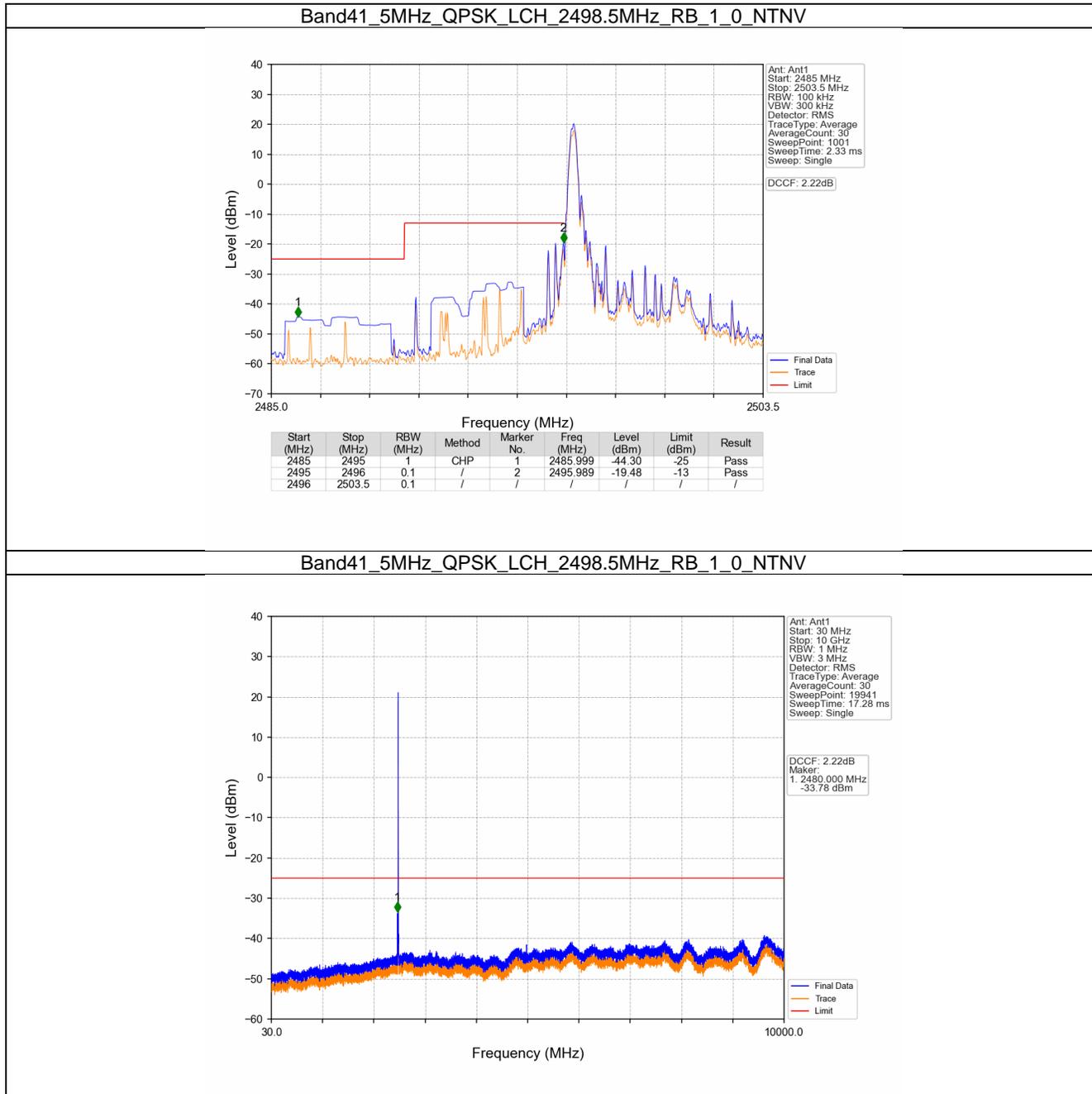


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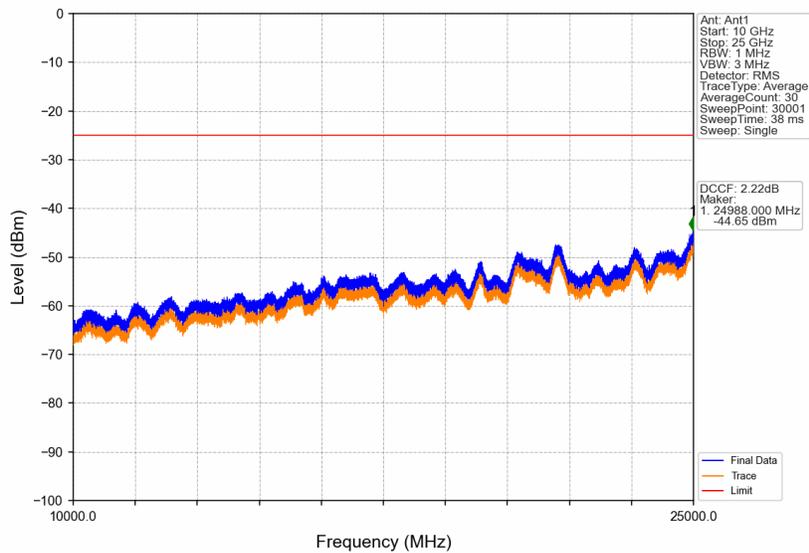
5.1.2 Test Graph



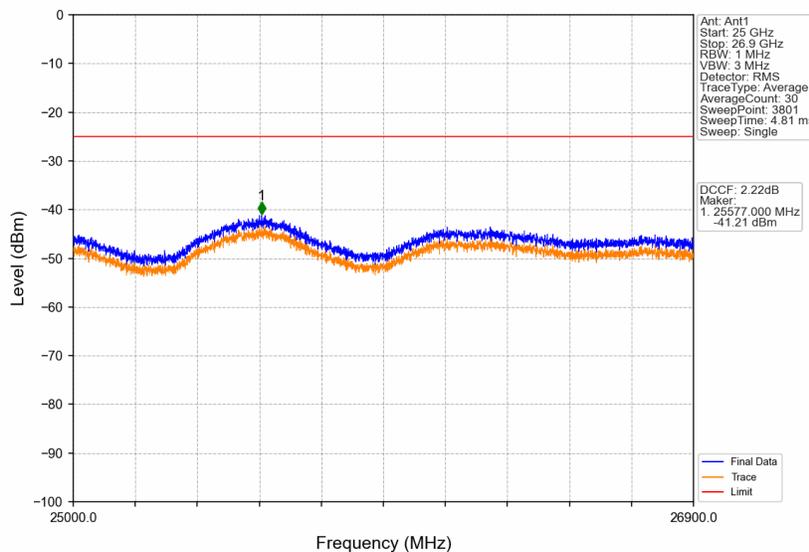
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