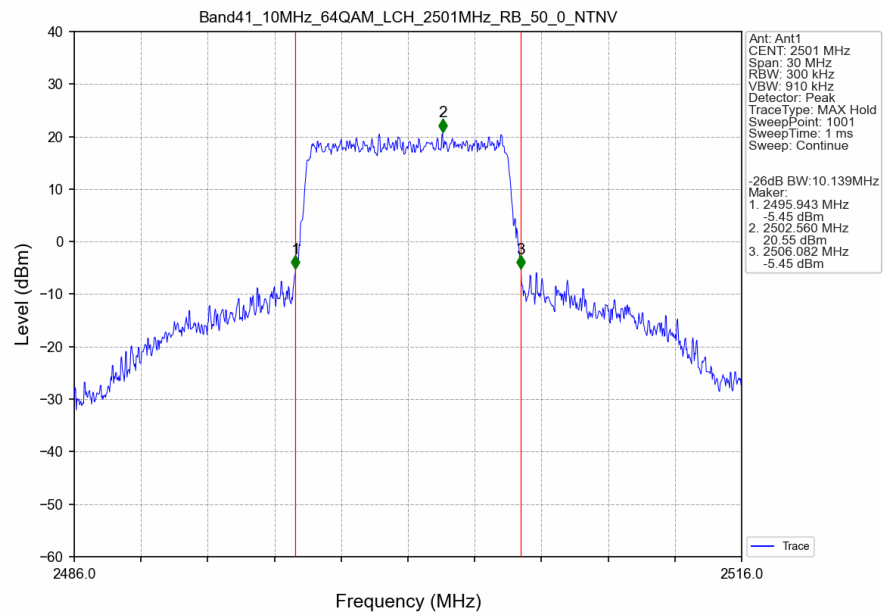
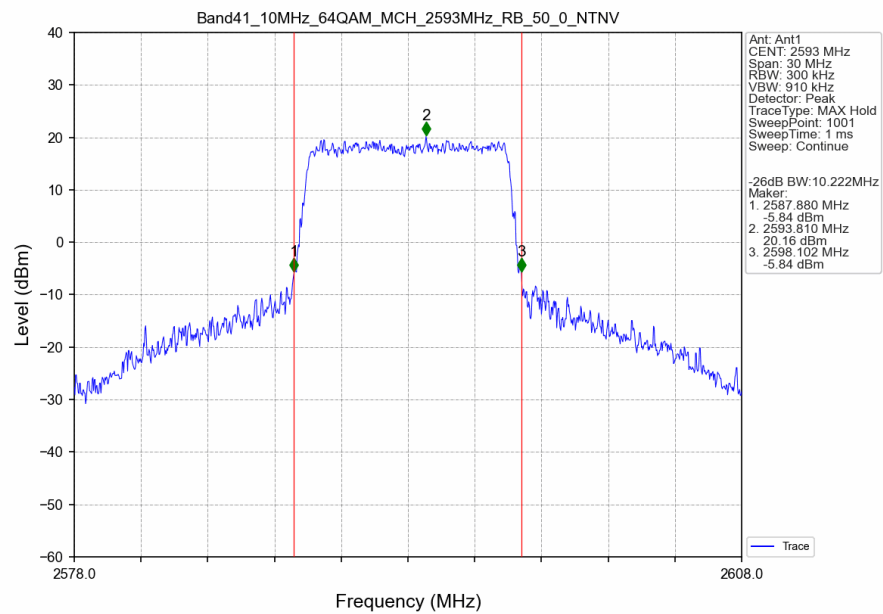


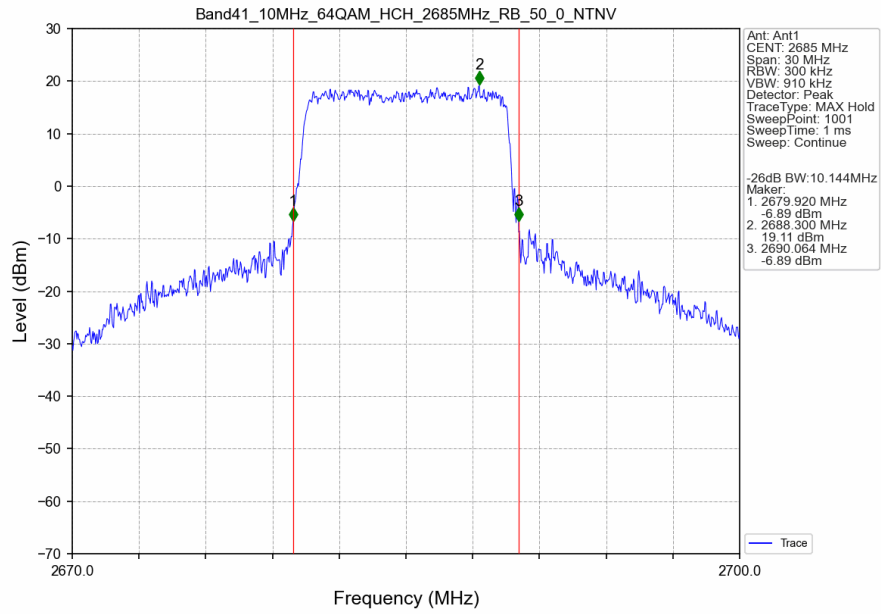
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



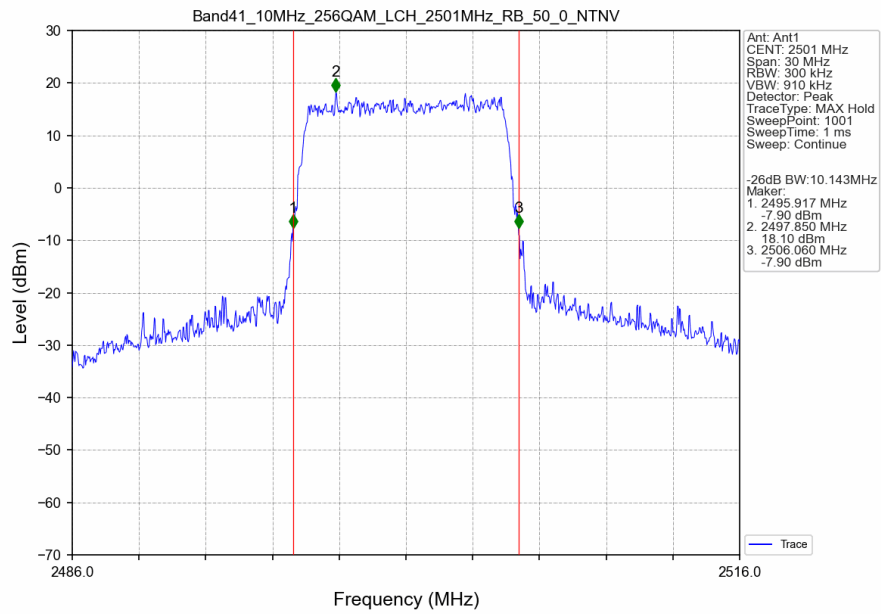
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



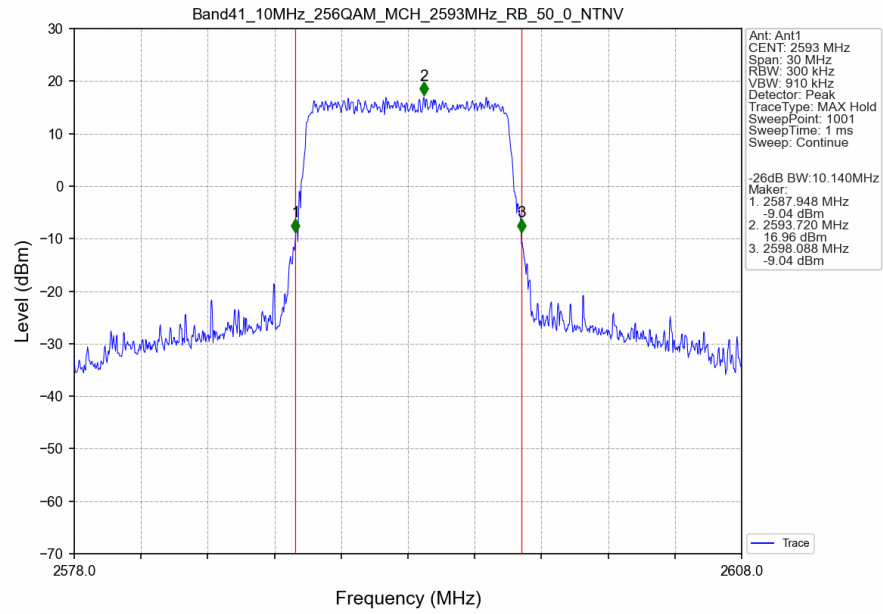
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



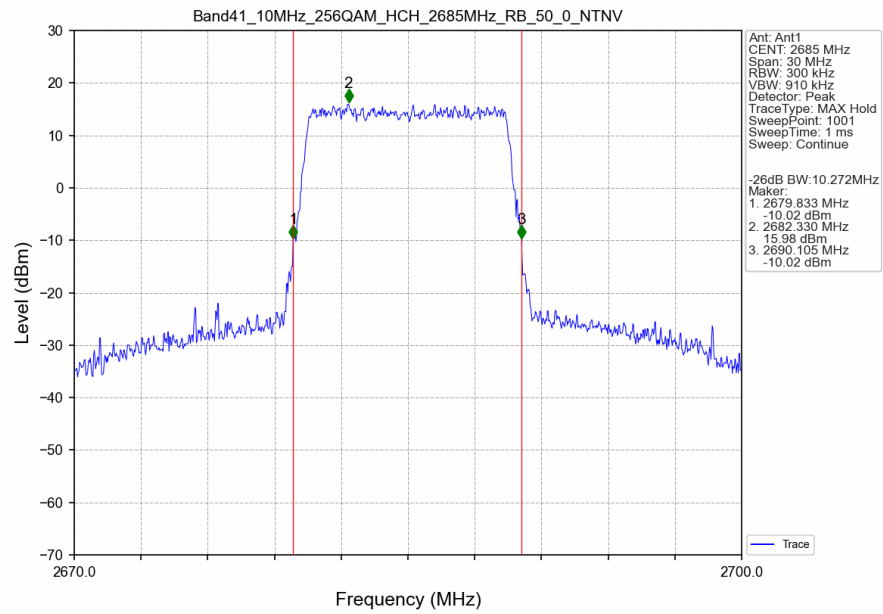
Band41_10MHz_256QAM_LCH_2501MHz_RB_50_0_NTNV



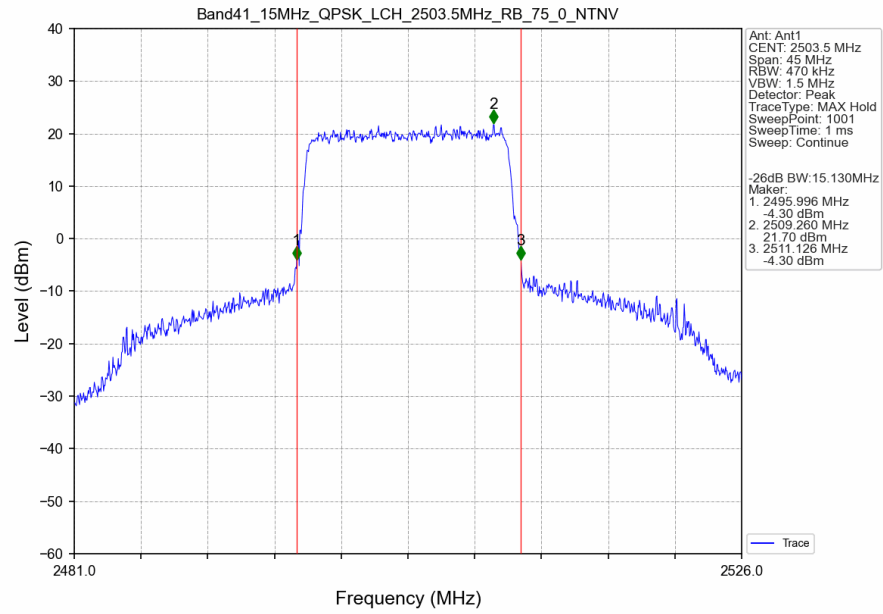
Band41_10MHz_256QAM_MCH_2593MHz_RB_50_0_NTNV



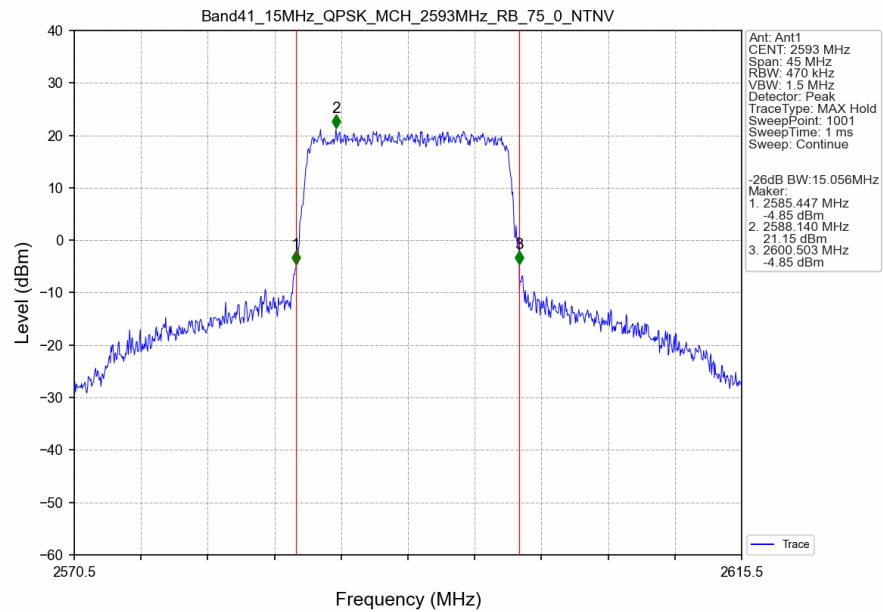
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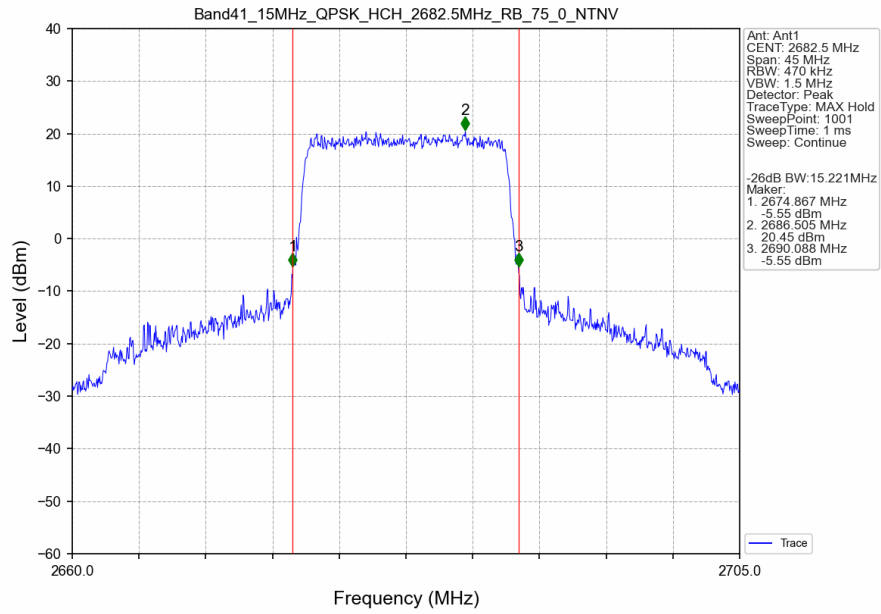
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



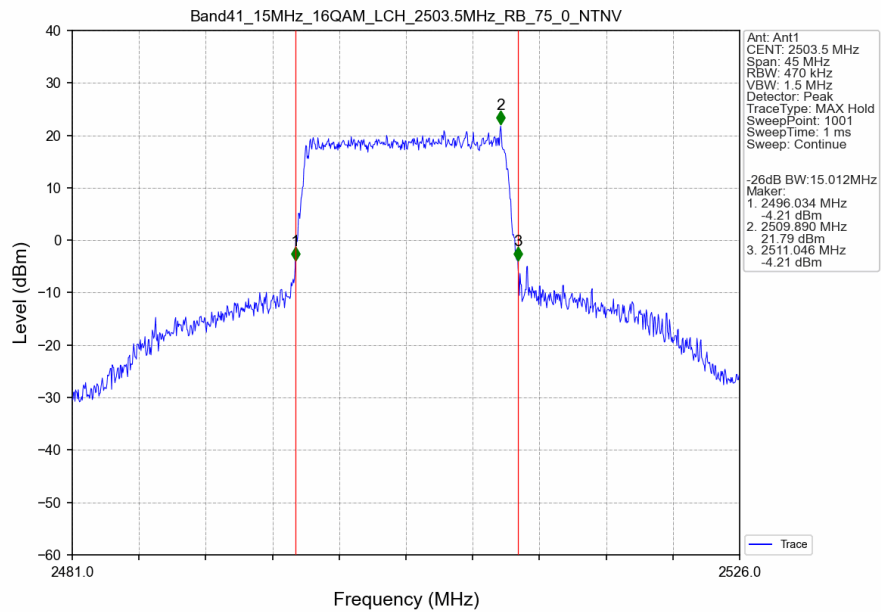
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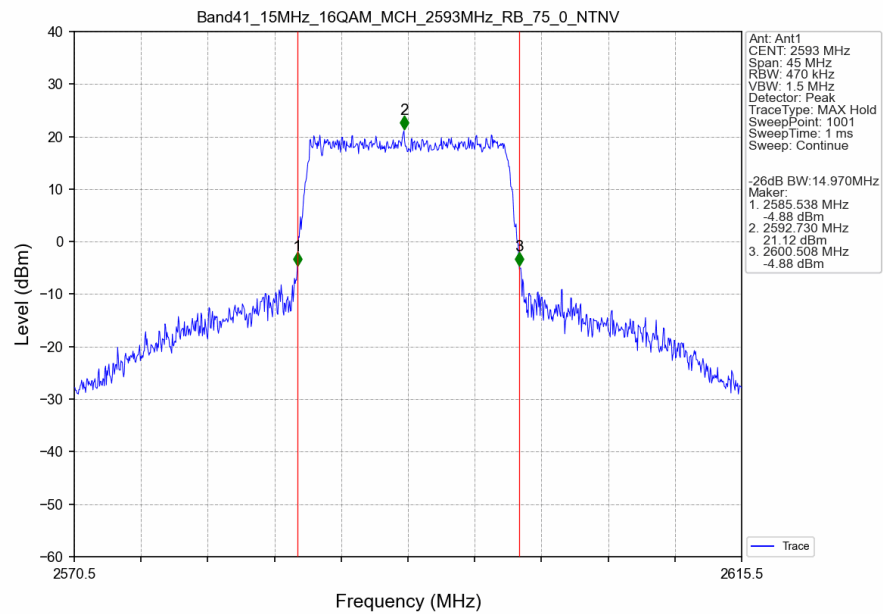
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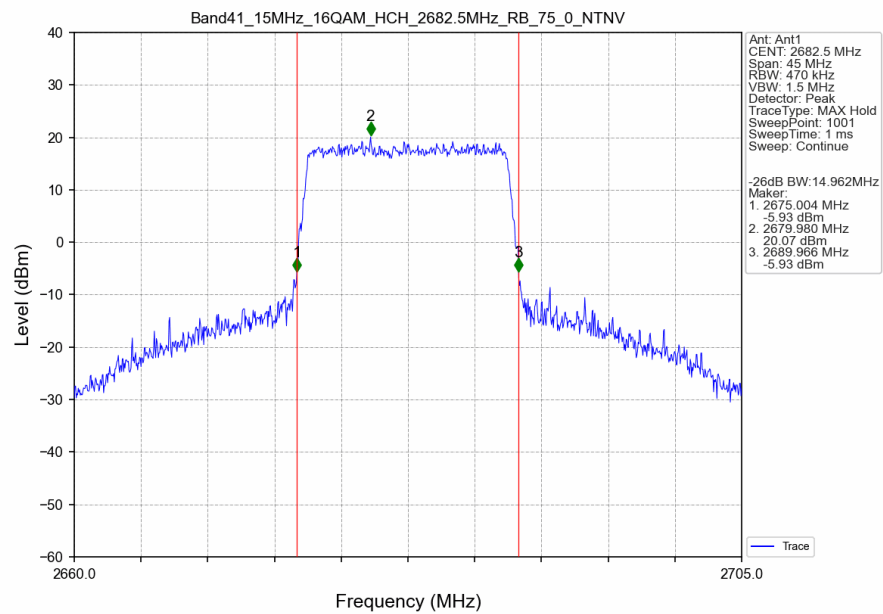
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



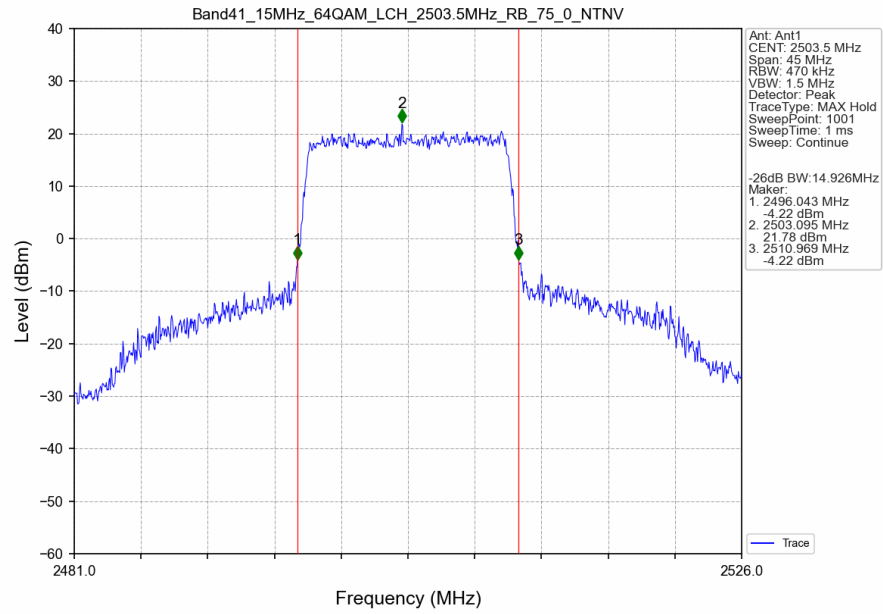
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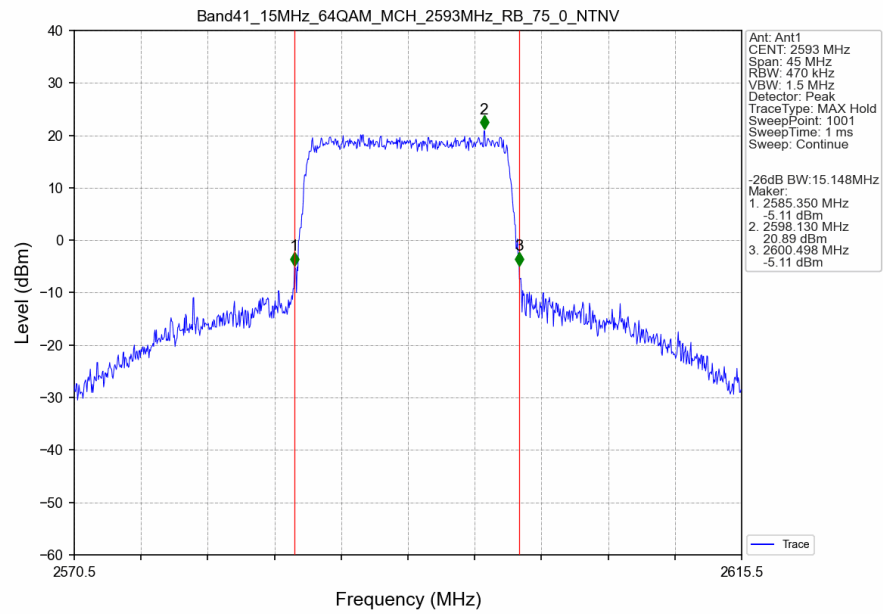
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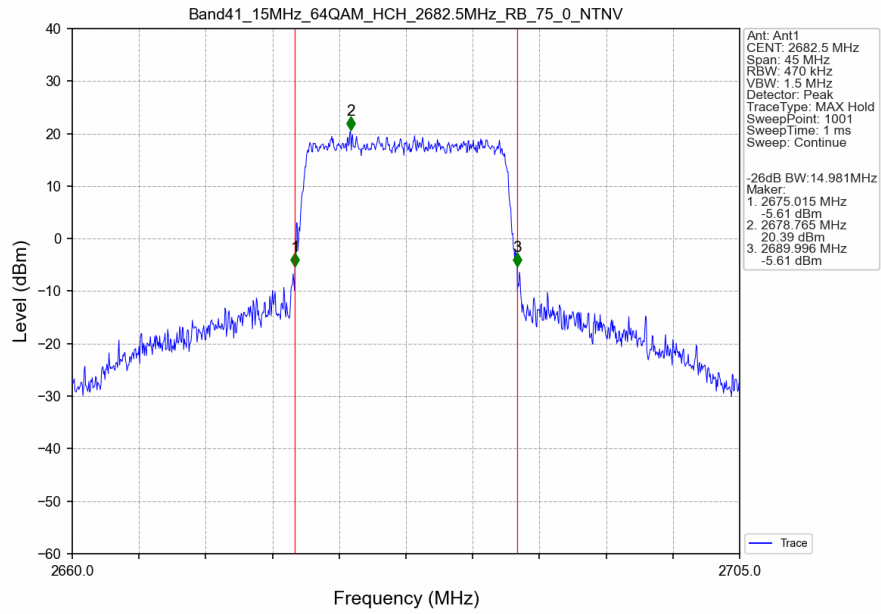
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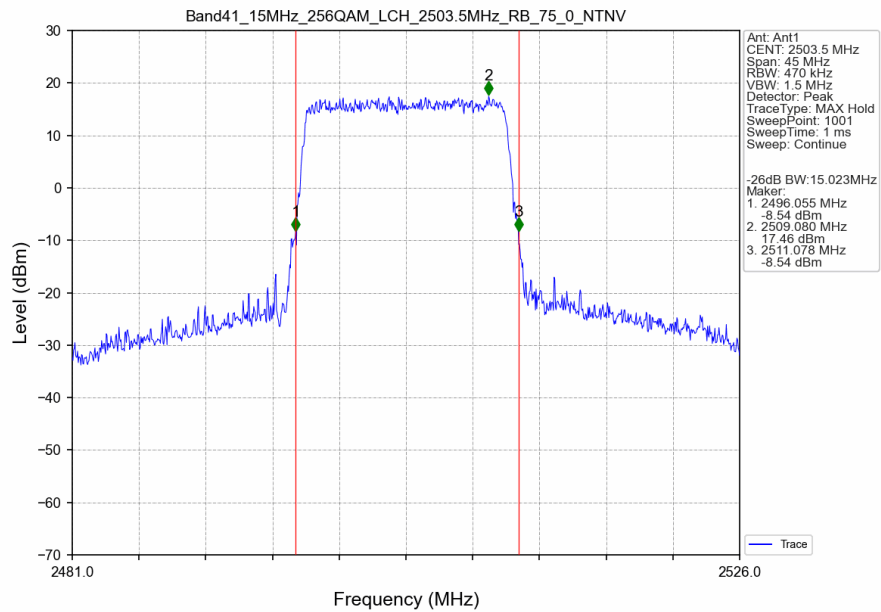
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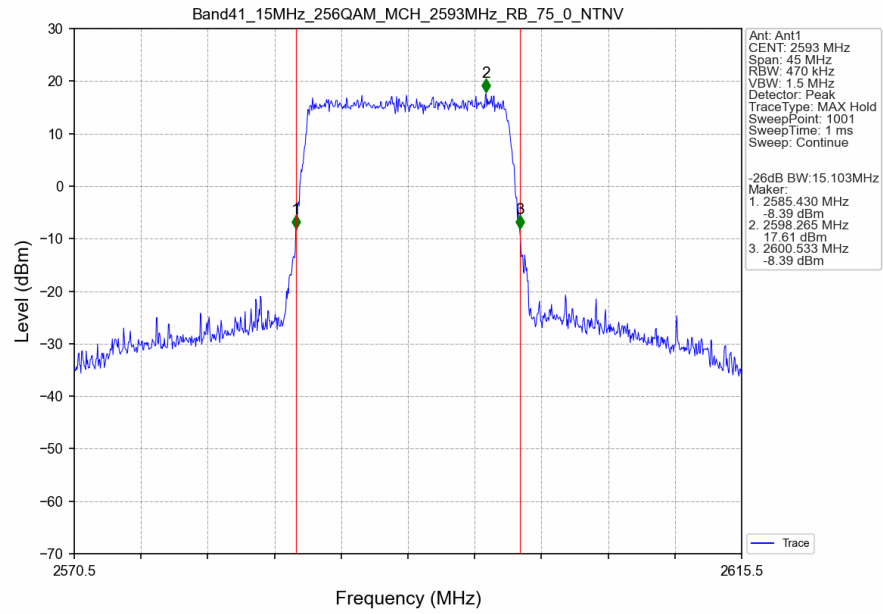
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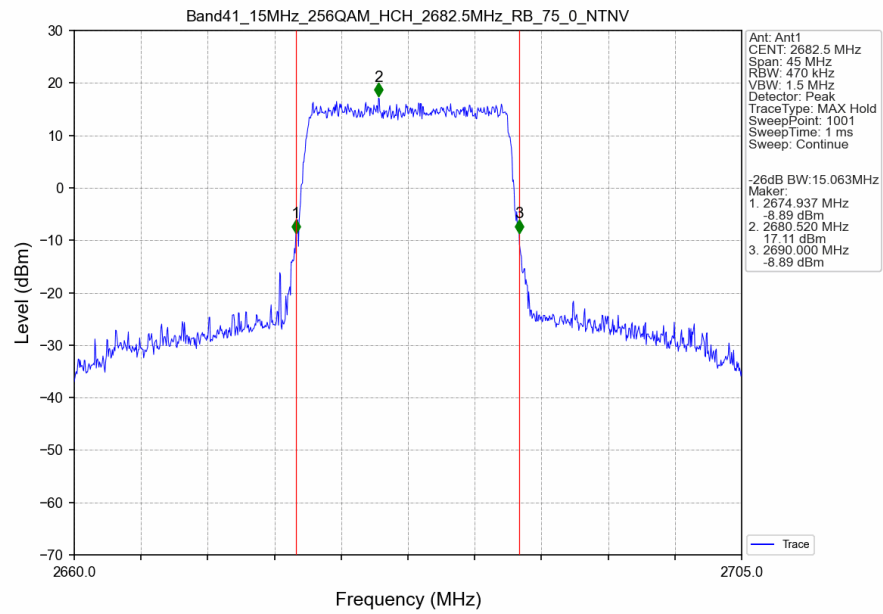
Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV



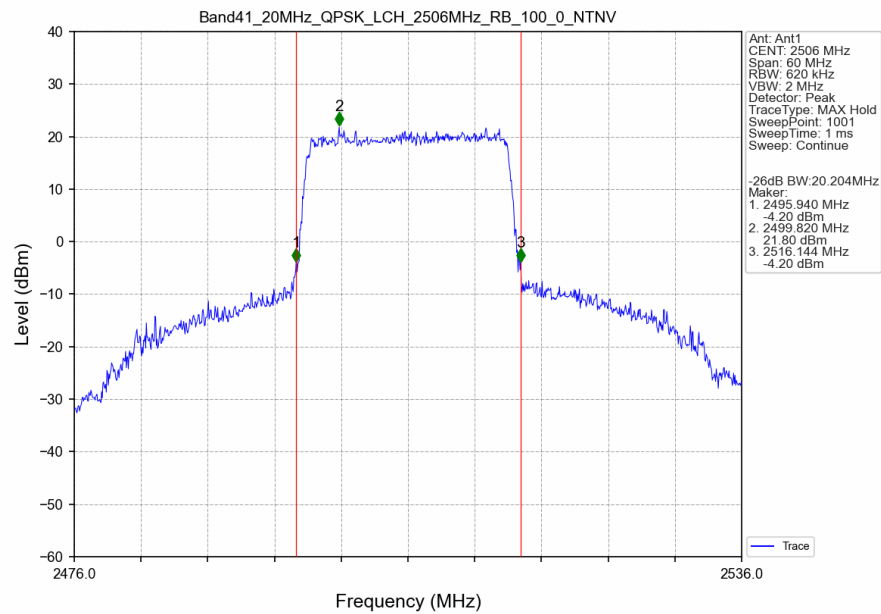
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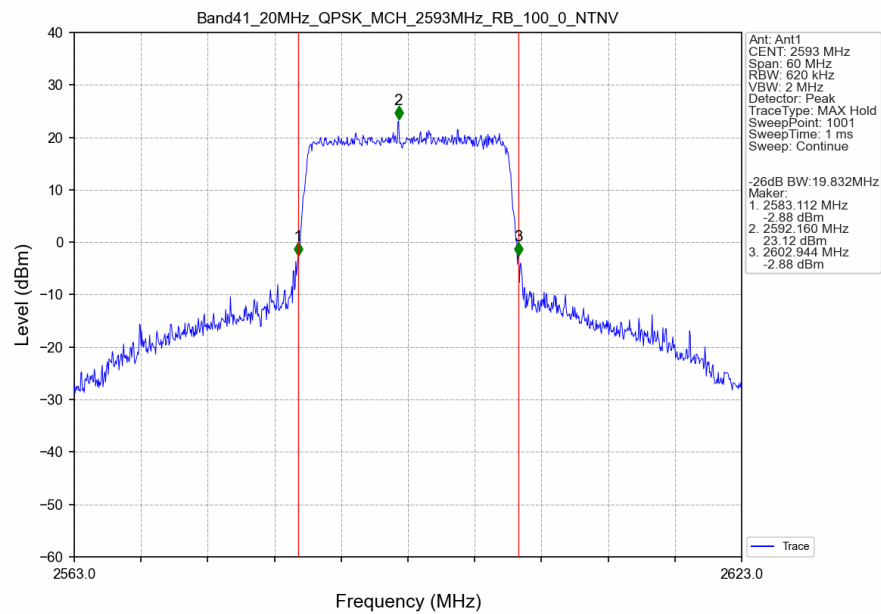
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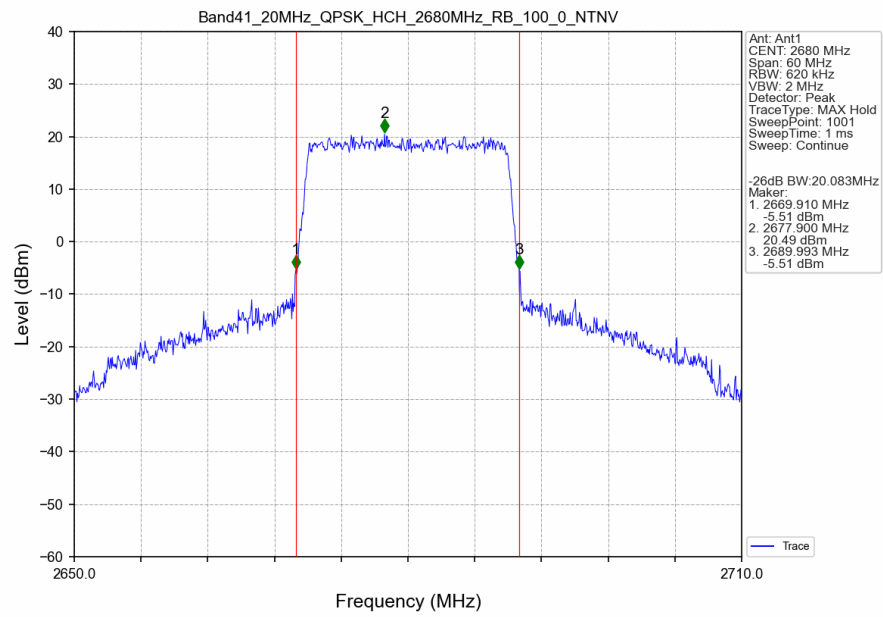
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



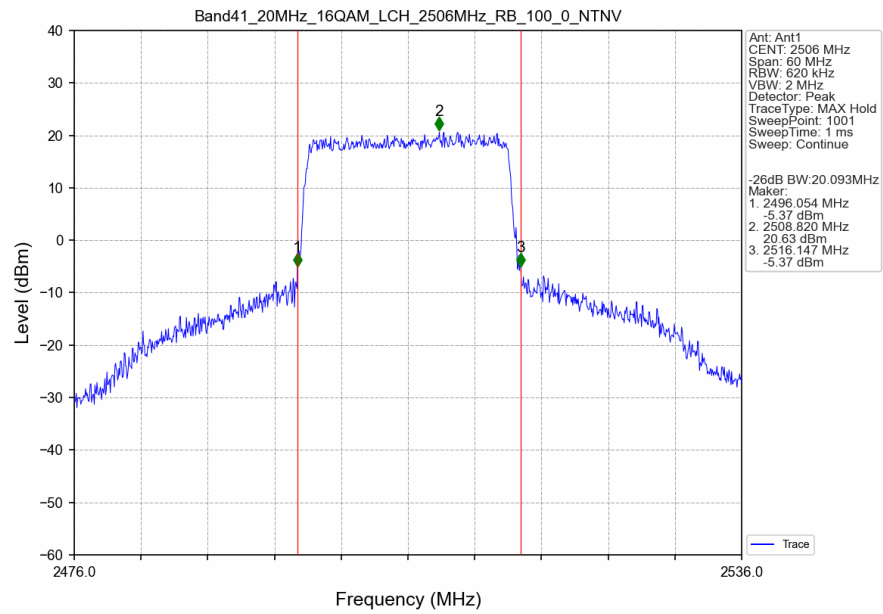
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



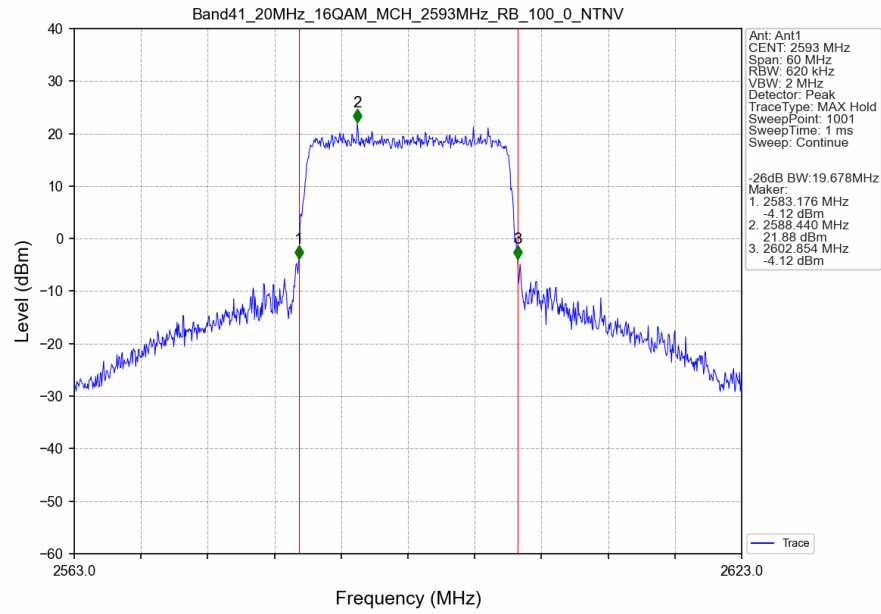
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



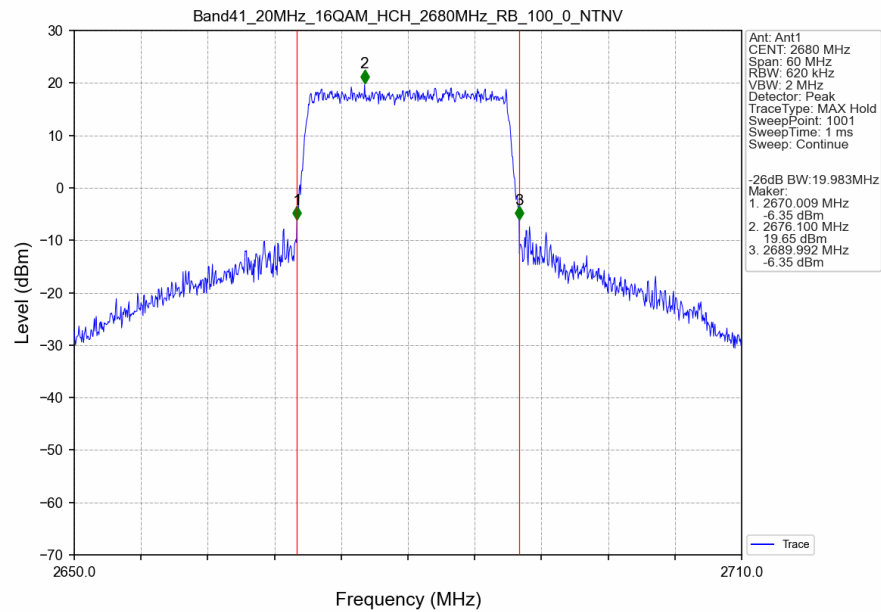
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



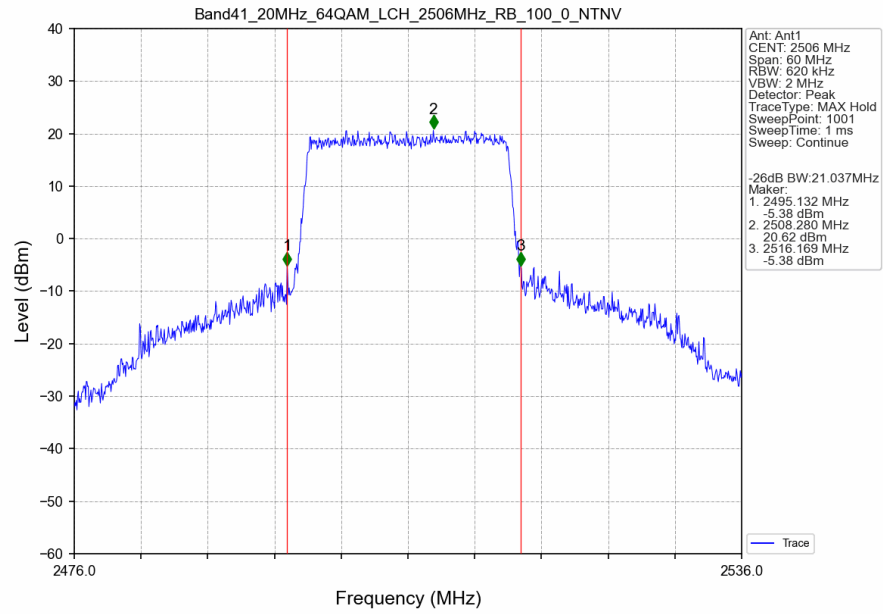
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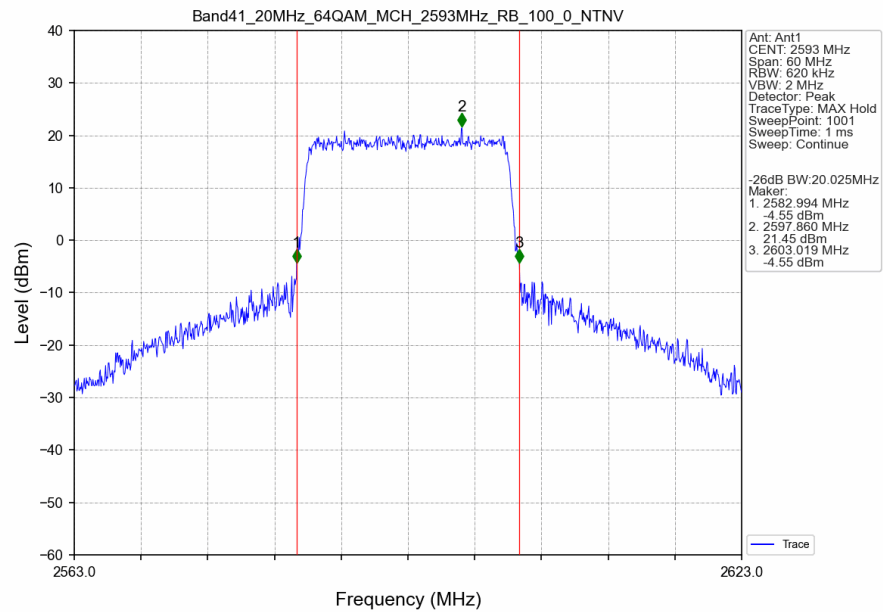
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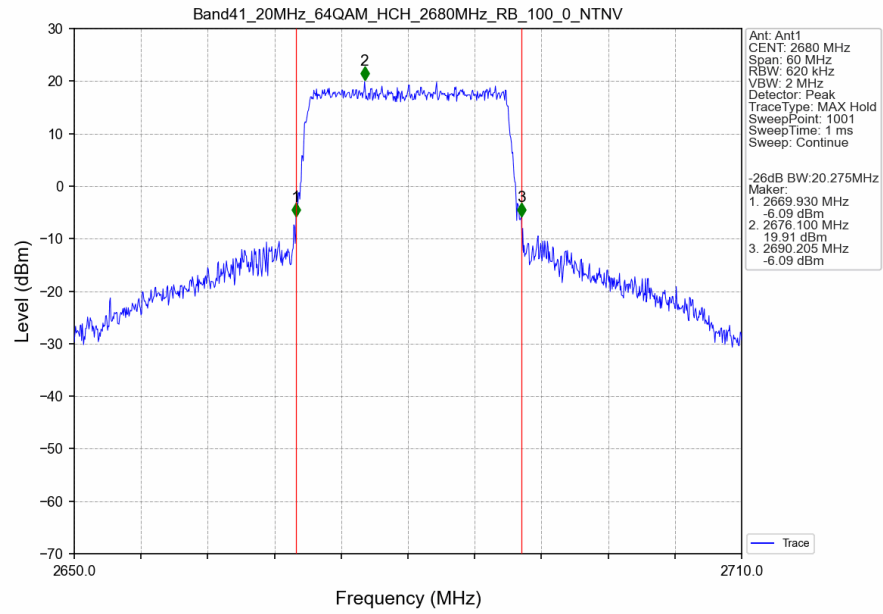
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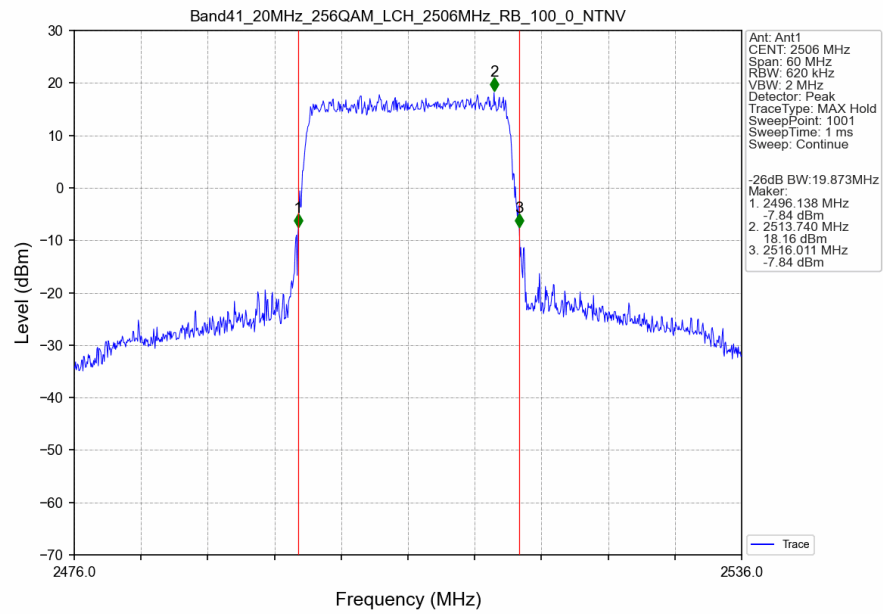
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



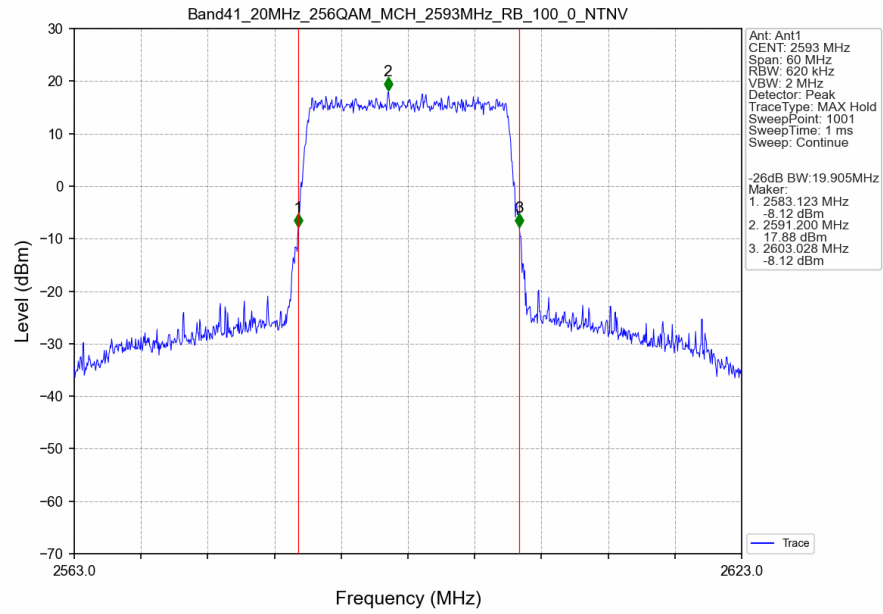
Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



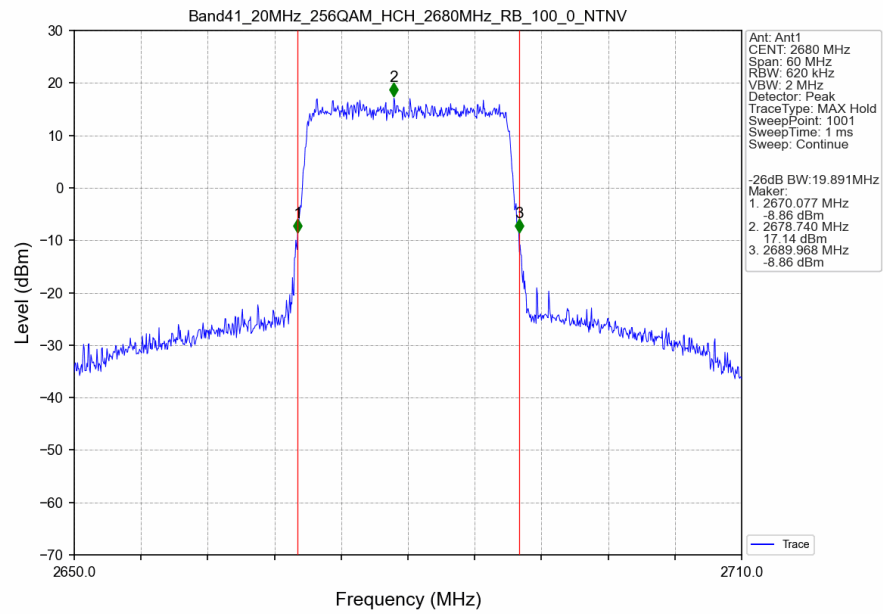
Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	8.86	<=13	Pass
	2593	25	0	8.67	<=13	Pass
	2687.5	25	0	8.71	<=13	Pass
16QAM	2498.5	25	0	9.43	<=13	Pass
	2593	25	0	9.53	<=13	Pass
	2687.5	25	0	9.43	<=13	Pass
64QAM	2498.5	25	0	9.41	<=13	Pass
	2593	25	0	9.46	<=13	Pass
	2687.5	25	0	9.42	<=13	Pass
256QAM	2498.5	25	0	10.16	<=13	Pass
	2593	25	0	10.12	<=13	Pass
	2687.5	25	0	10.28	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	8.65	<=13	Pass
	2593	50	0	8.96	<=13	Pass
	2685	50	0	8.75	<=13	Pass
16QAM	2501	50	0	9.37	<=13	Pass
	2593	50	0	9.58	<=13	Pass
	2685	50	0	9.45	<=13	Pass
64QAM	2501	50	0	9.43	<=13	Pass
	2593	50	0	9.49	<=13	Pass
	2685	50	0	9.48	<=13	Pass
256QAM	2501	50	0	10.05	<=13	Pass
	2593	50	0	10.15	<=13	Pass
	2685	50	0	10.12	<=13	Pass

4.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	8.57	<=13	Pass
	2593	75	0	8.71	<=13	Pass
	2682.5	75	0	8.82	<=13	Pass
16QAM	2503.5	75	0	9.24	<=13	Pass
	2593	75	0	9.28	<=13	Pass

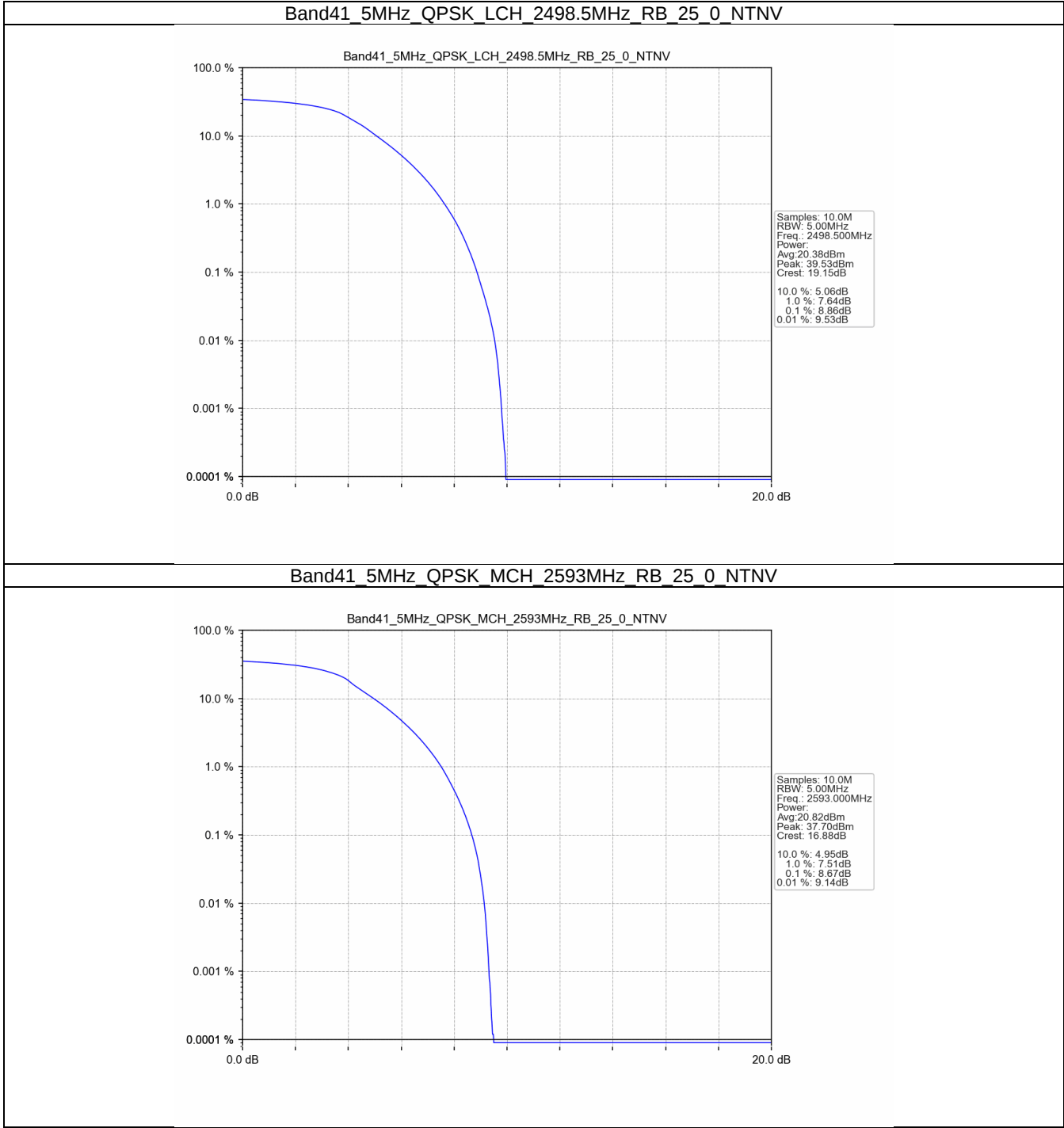
	2682.5	75	0	9.32	<=13	Pass
64QAM	2503.5	75	0	9.26	<=13	Pass
	2593	75	0	9.35	<=13	Pass
	2682.5	75	0	9.51	<=13	Pass
	2503.5	75	0	10.07	<=13	Pass
256QAM	2593	75	0	10.18	<=13	Pass
	2682.5	75	0	10.12	<=13	Pass

4.1.4 B41_20MHz

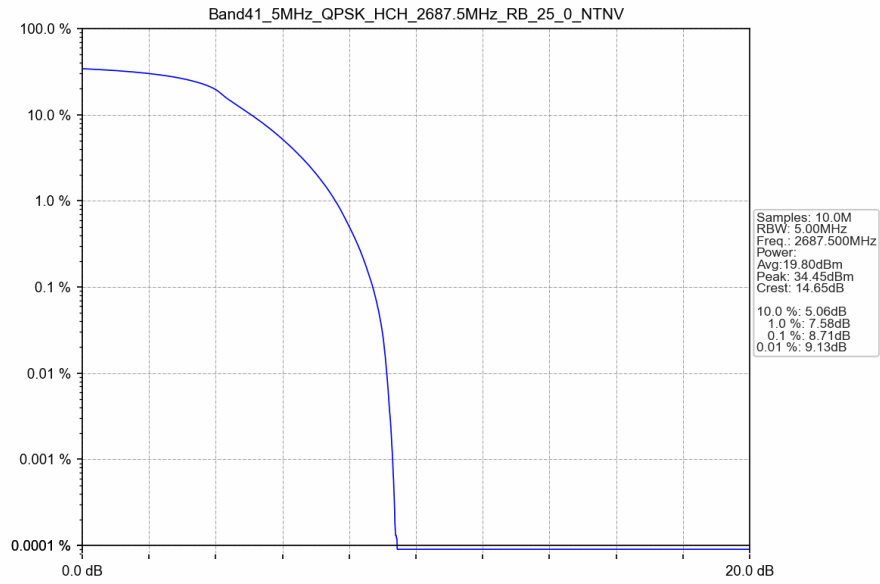
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	8.46	<=13	Pass
	2593	100	0	8.79	<=13	Pass
	2680	100	0	8.69	<=13	Pass
16QAM	2506	100	0	9.28	<=13	Pass
	2593	100	0	9.54	<=13	Pass
	2680	100	0	9.33	<=13	Pass
64QAM	2506	100	0	9.17	<=13	Pass
	2593	100	0	9.16	<=13	Pass
	2680	100	0	9.29	<=13	Pass
256QAM	2506	100	0	9.92	<=13	Pass
	2593	100	0	10.06	<=13	Pass
	2680	100	0	9.97	<=13	Pass

4.2 Test Graph

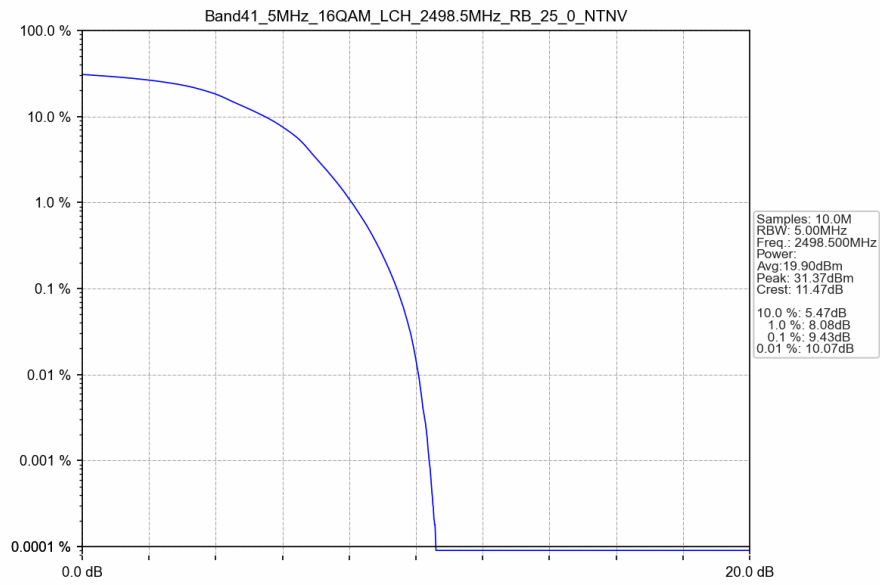
4.2.1 B41_5MHz



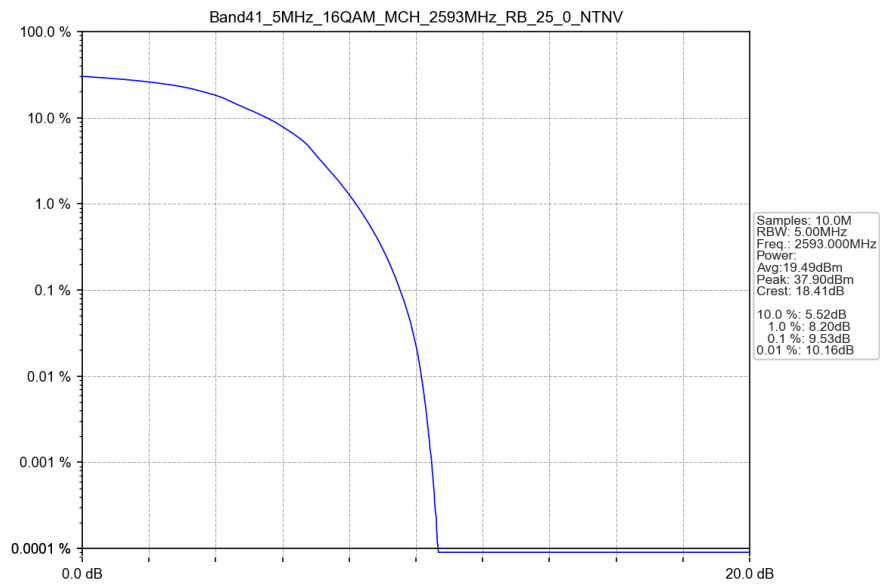
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



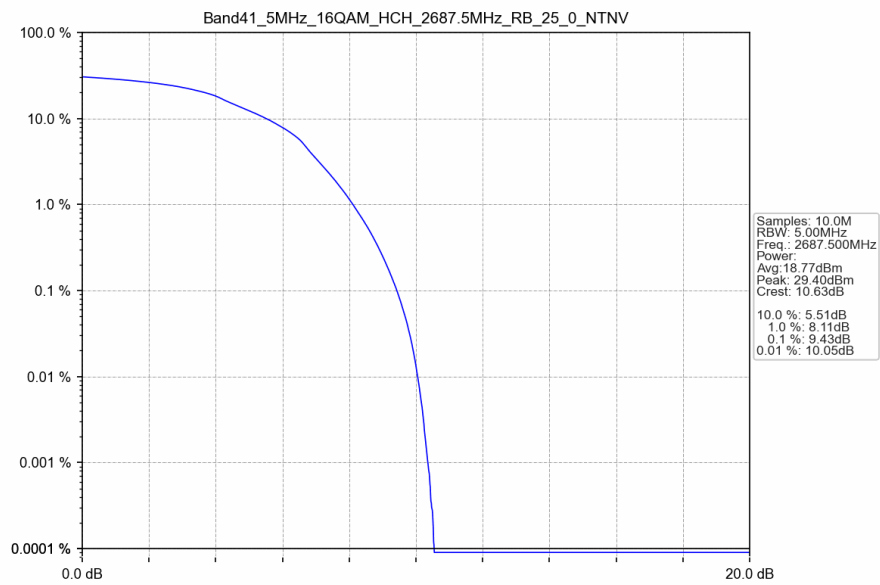
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



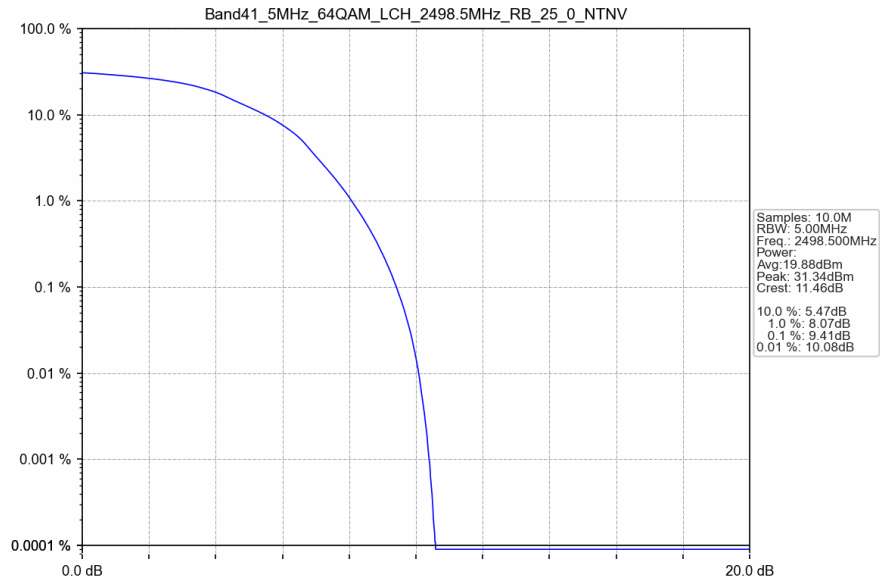
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



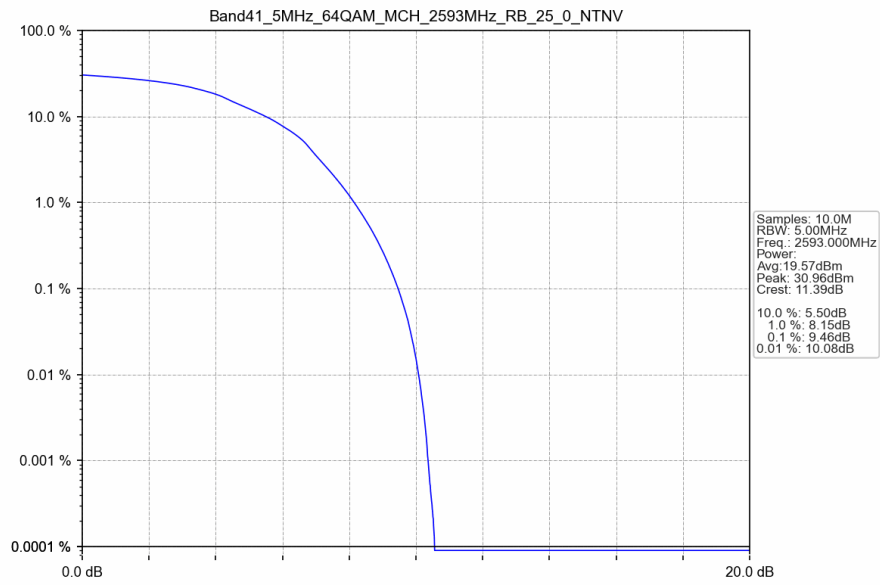
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



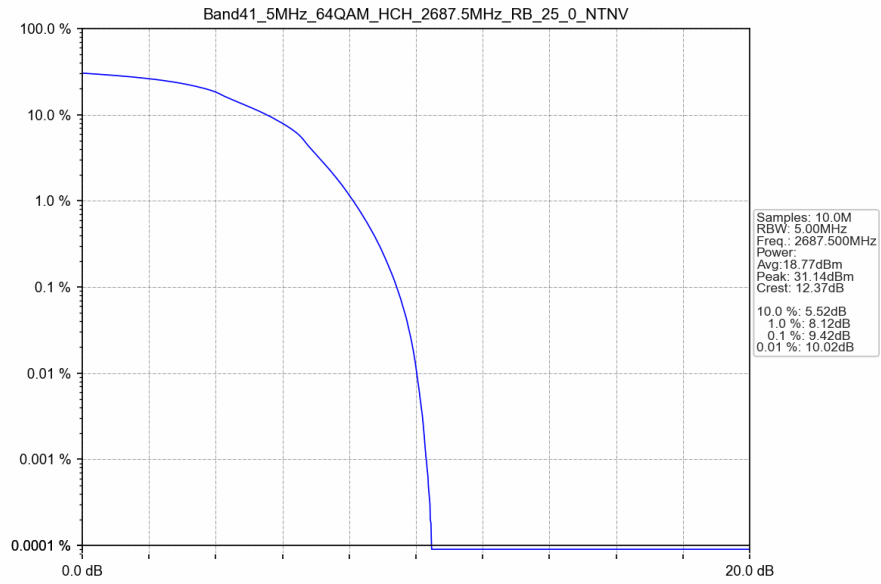
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



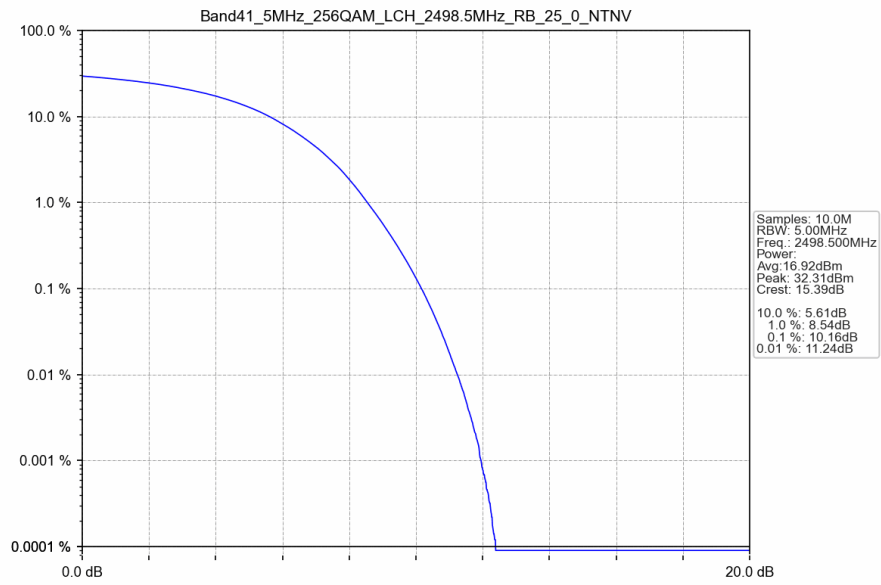
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



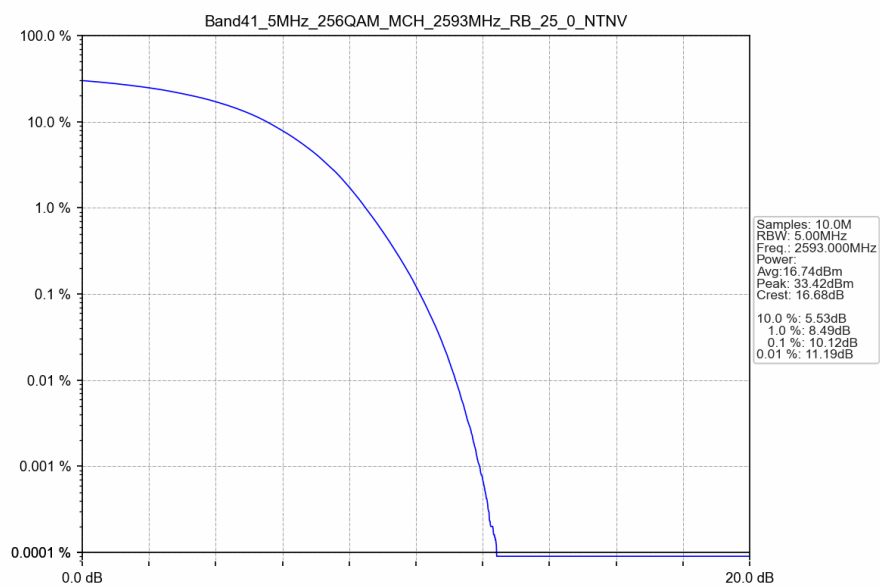
Band41_ 5MHz_ 64QAM_ HCH_ 2687.5MHz_ RB_ 25_ 0_ NTN



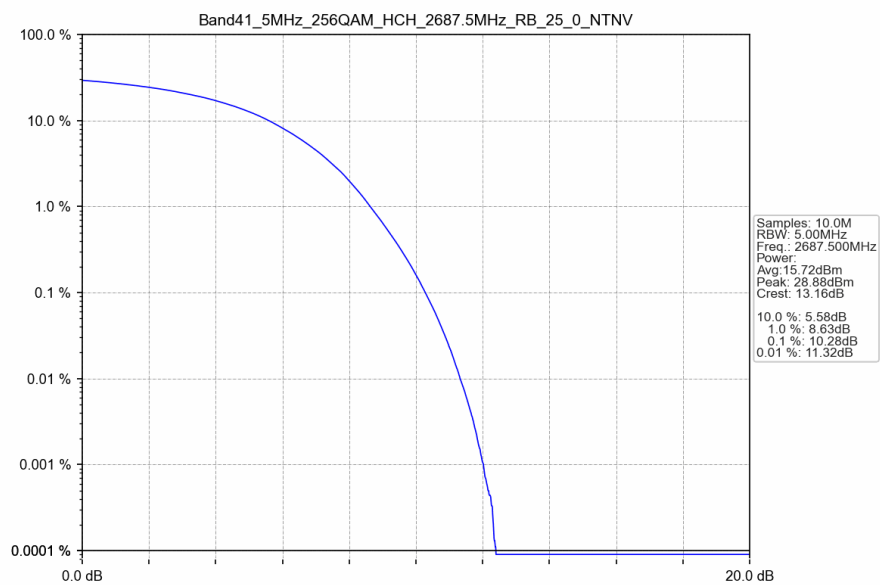
Band41_ 5MHz_ 256QAM_ LCH_ 2498.5MHz_ RB_ 25_ 0_ NTN



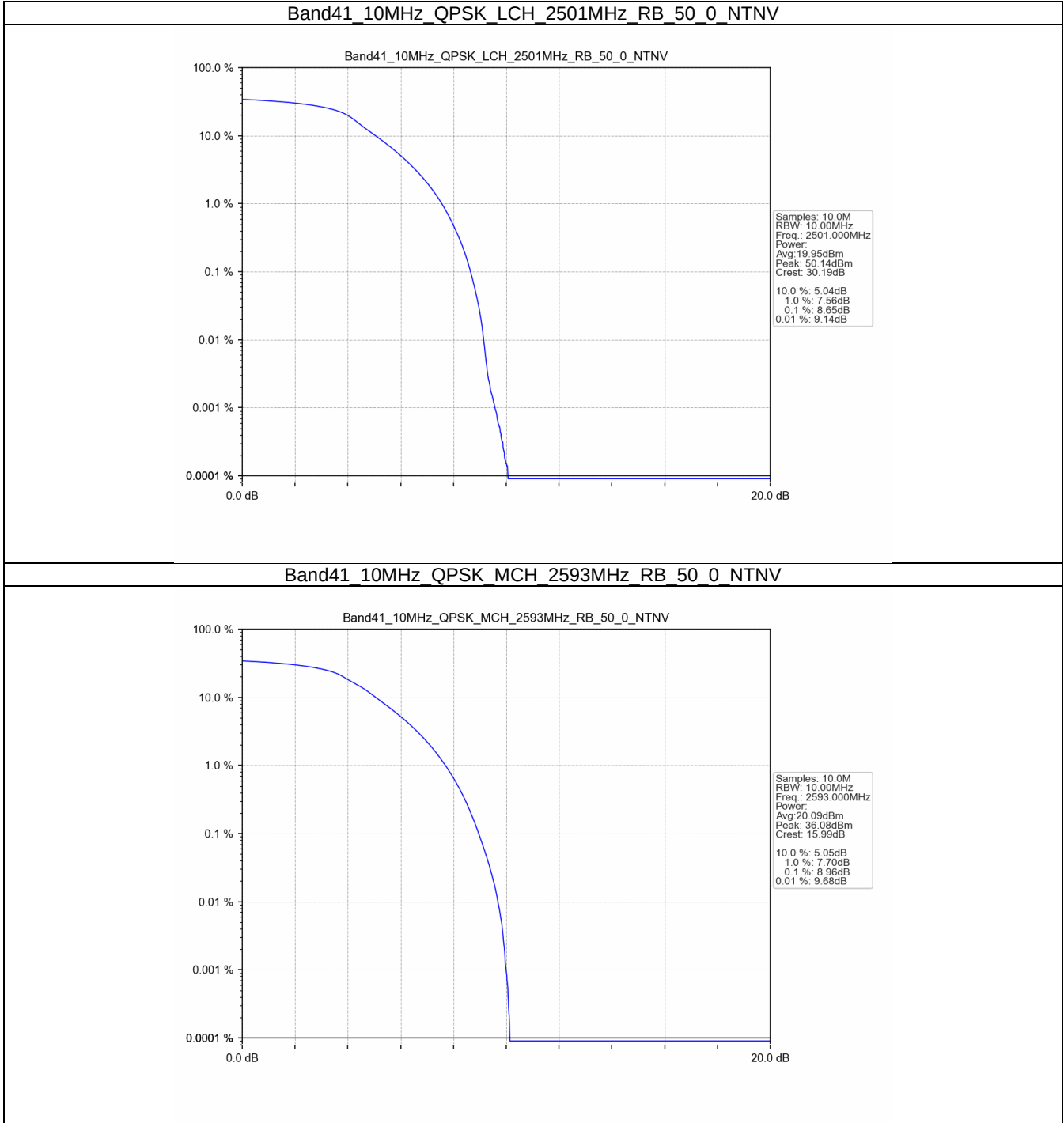
Band41_5MHz_256QAM_MCH_2593MHz_RB_25_0_NTNV



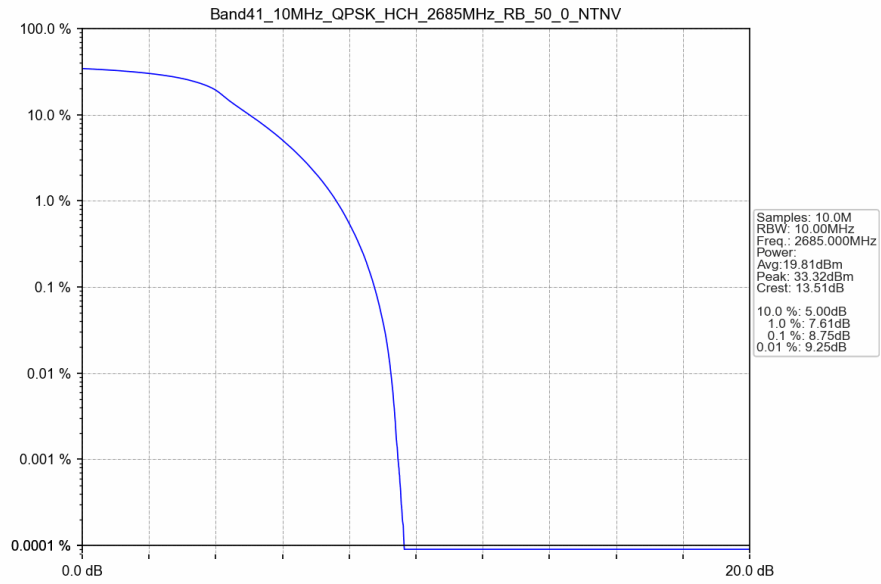
Band41_5MHz_256QAM_HCH_2687.5MHz_RB_25_0_NTNV



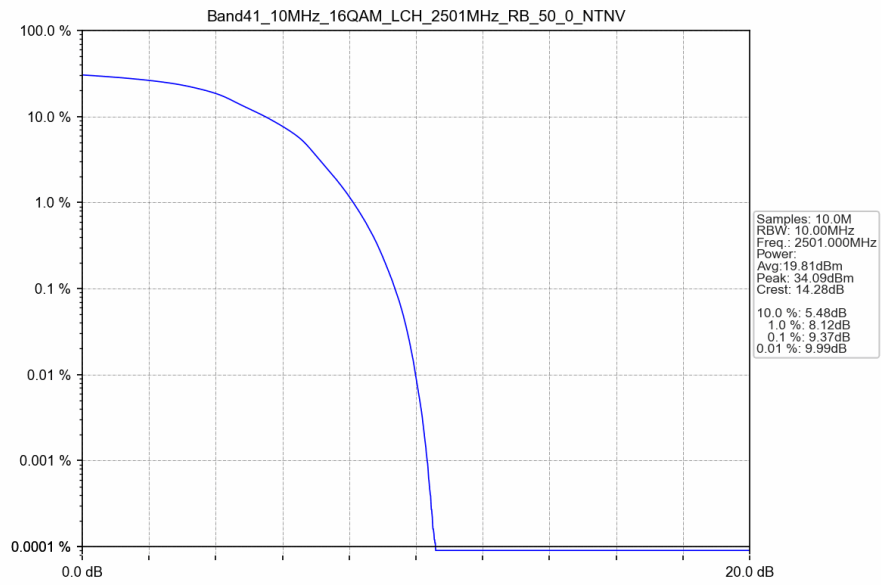
4.2.2 B41_10MHz



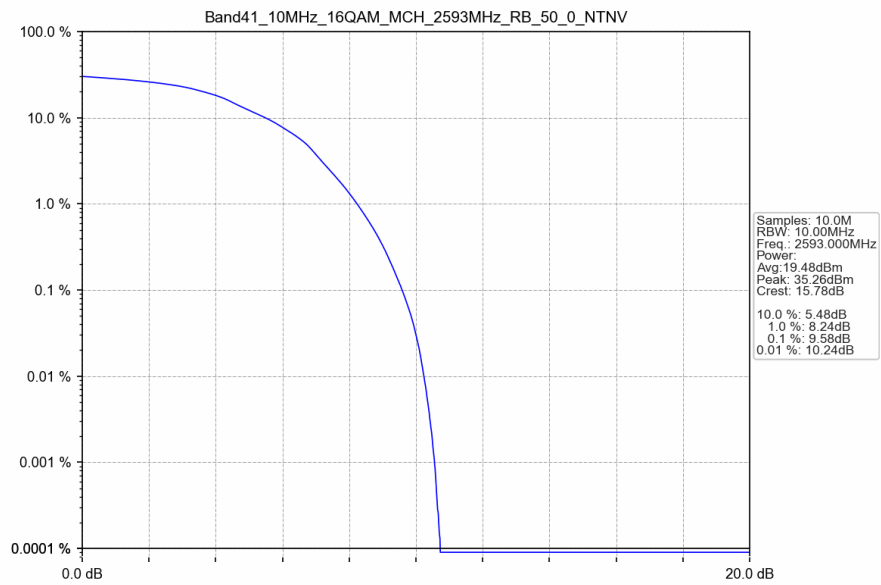
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



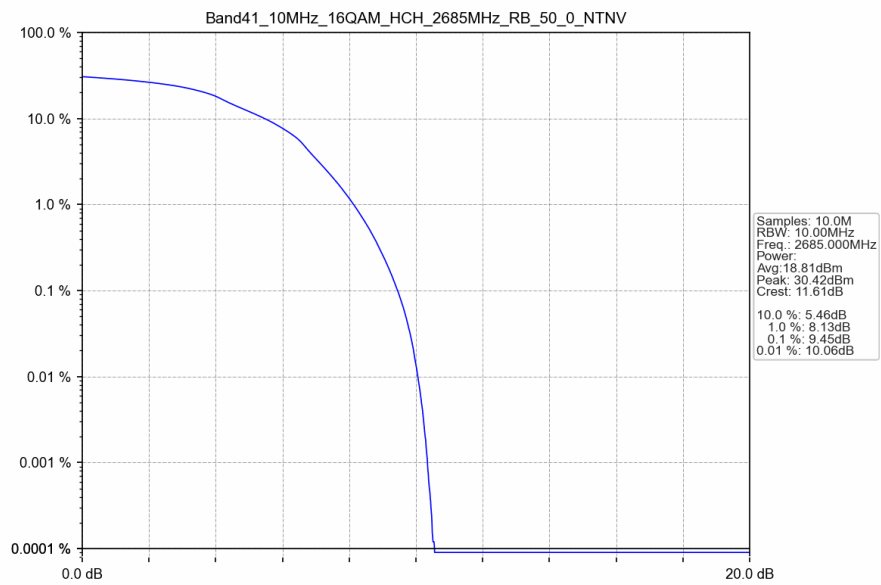
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



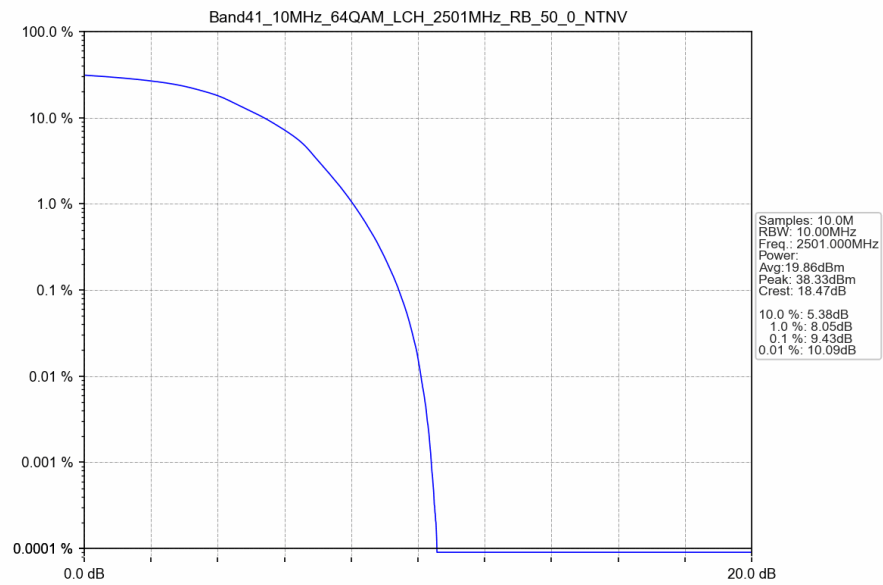
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



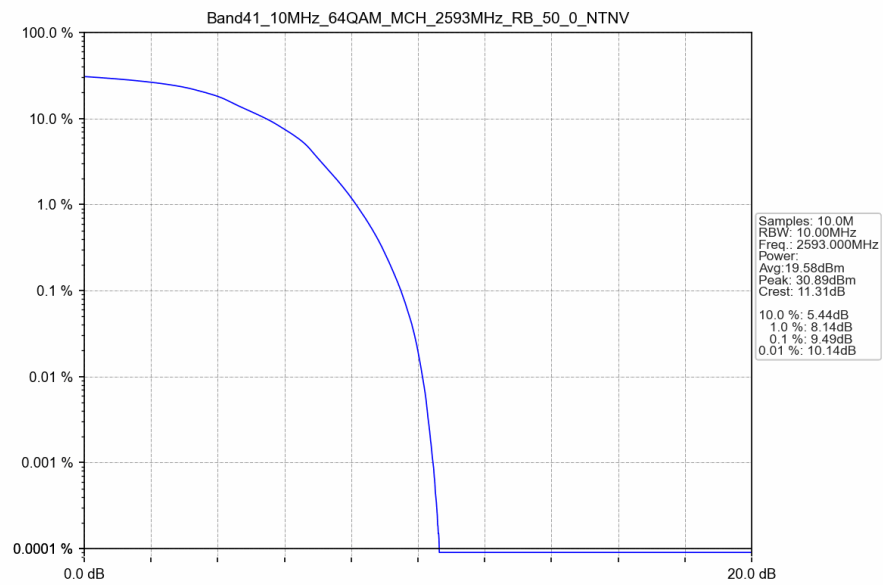
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



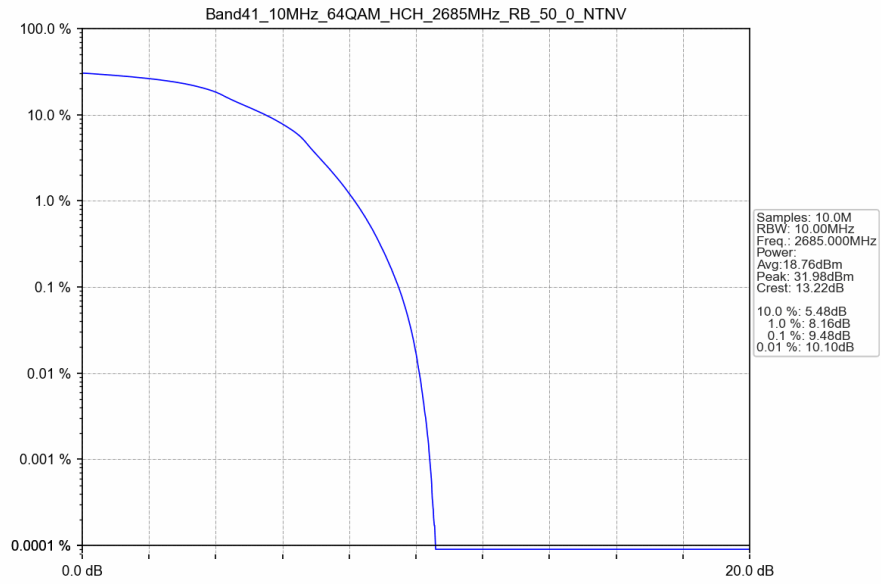
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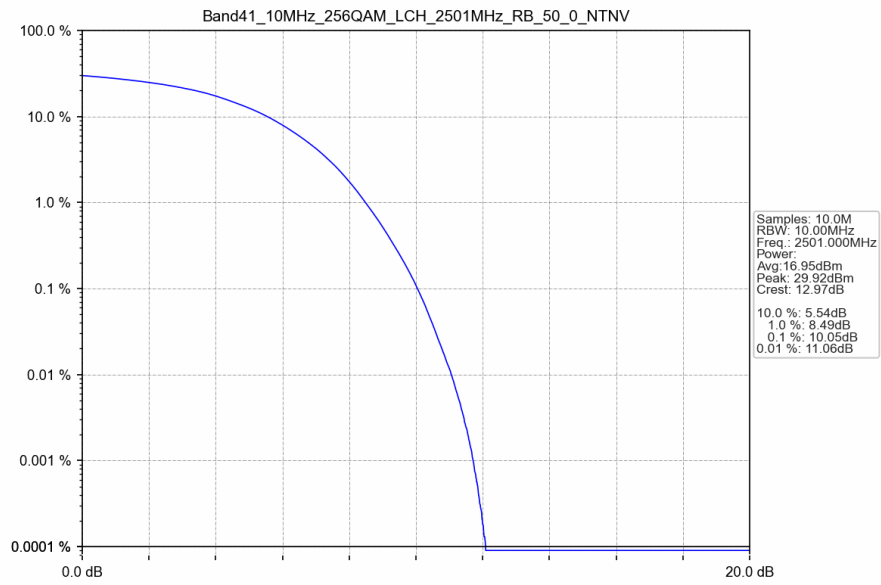
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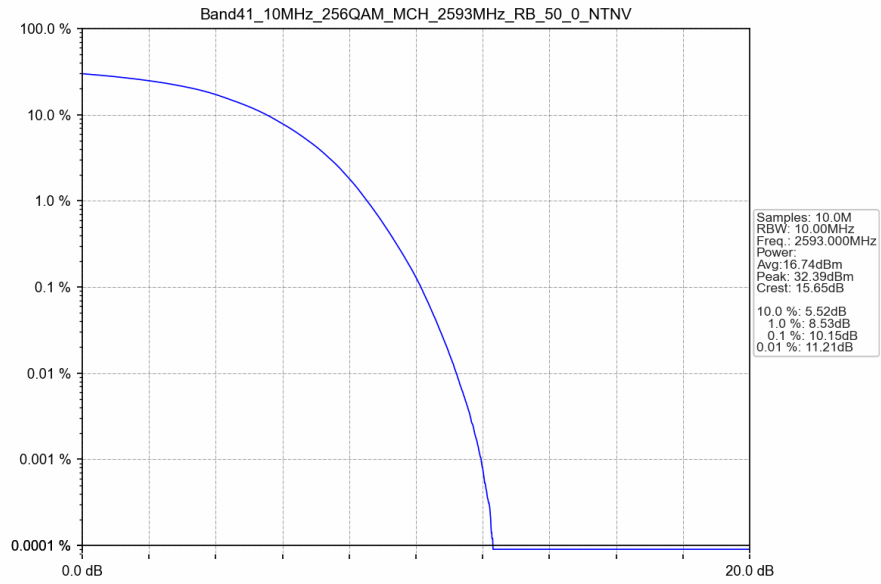
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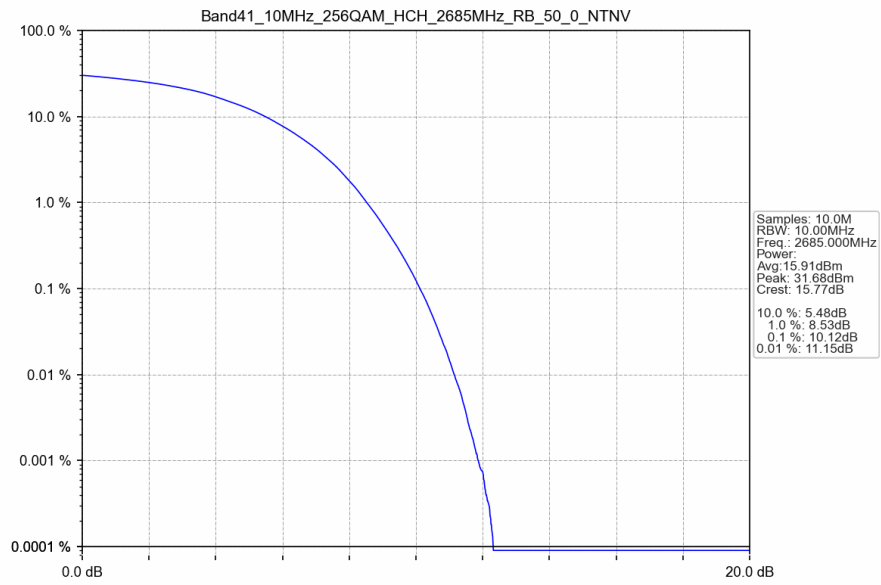
Band41_10MHz_256QAM_LCH_2501MHz_RB_50_0_NTNV



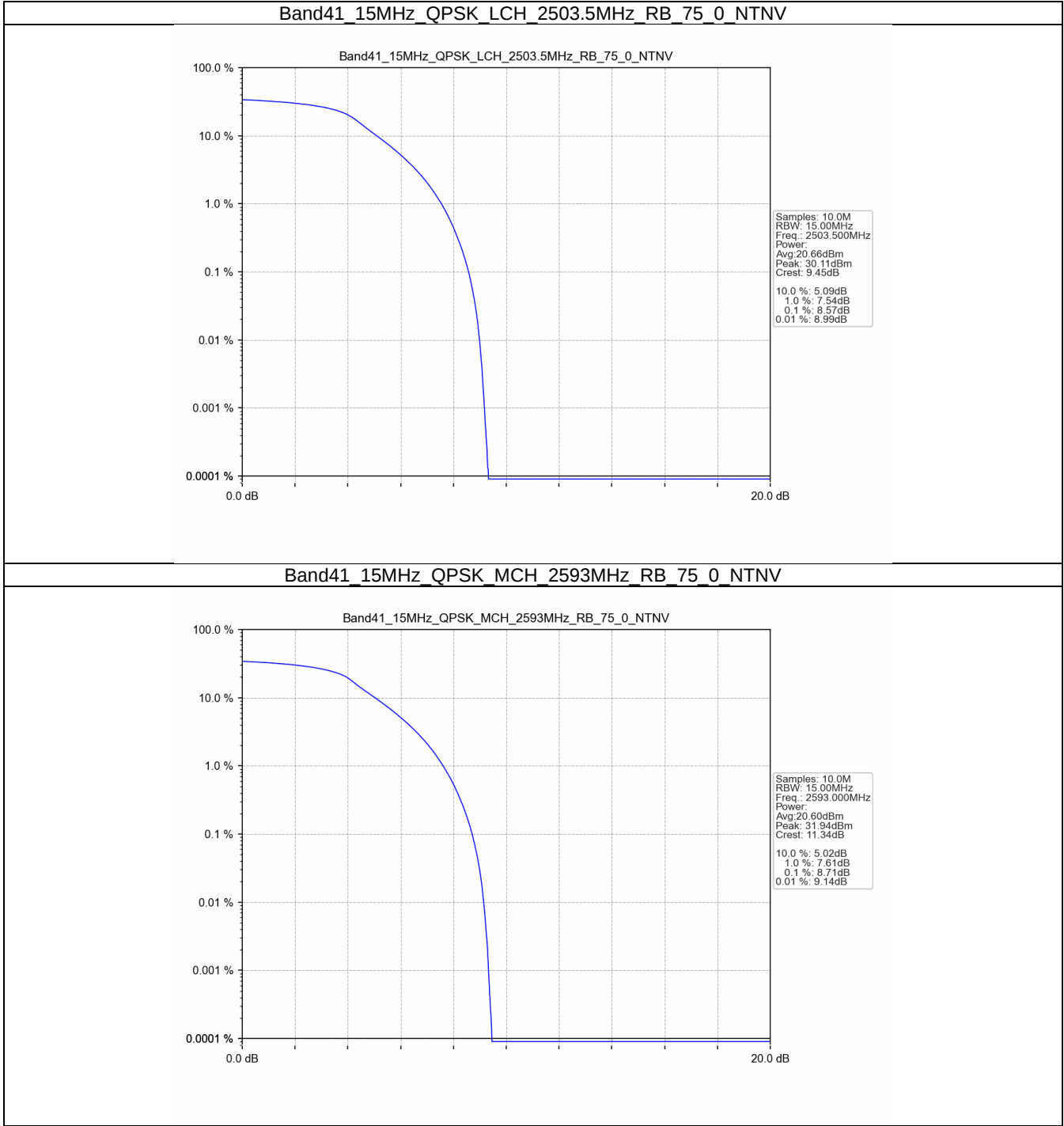
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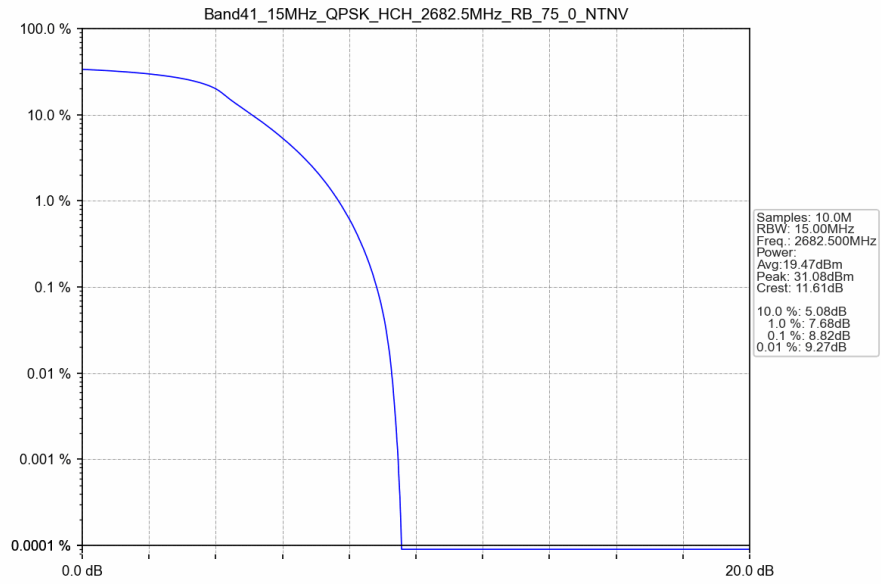
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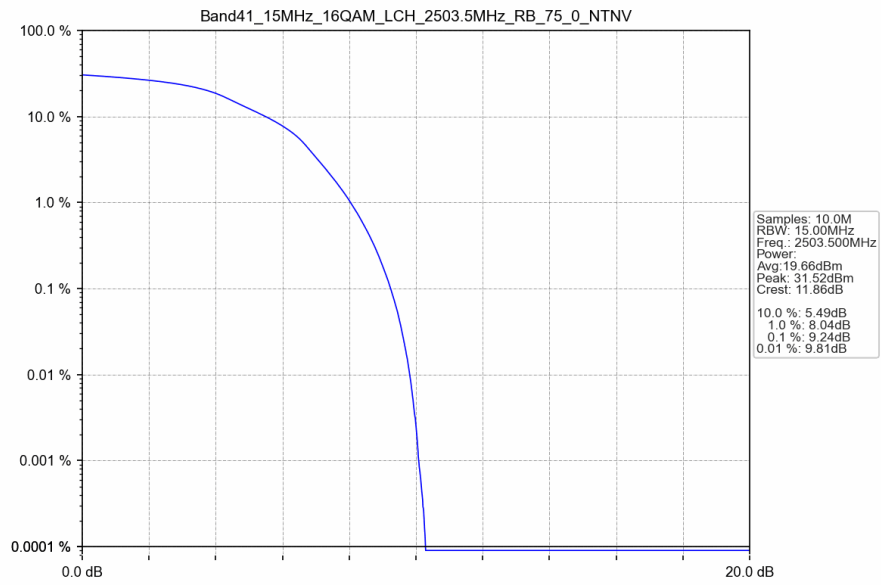
4.2.3 B41_15MHz



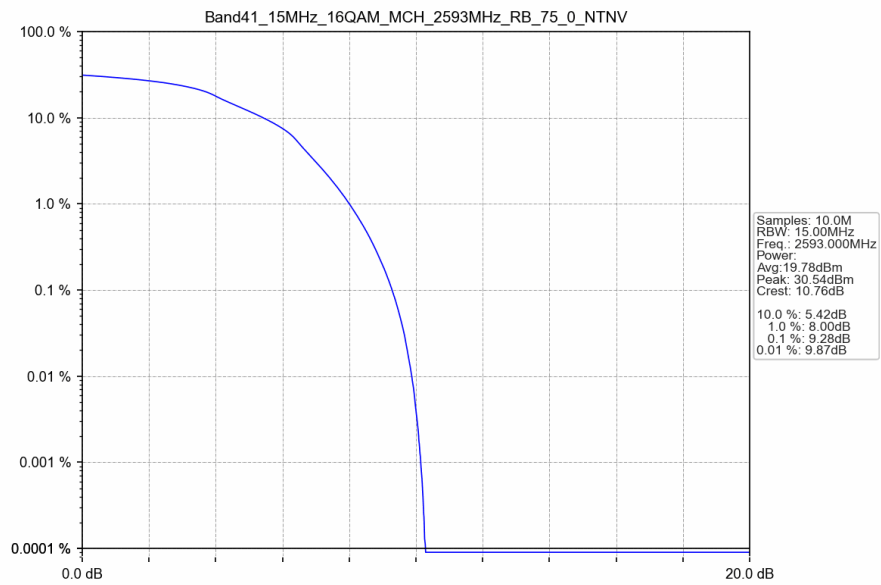
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



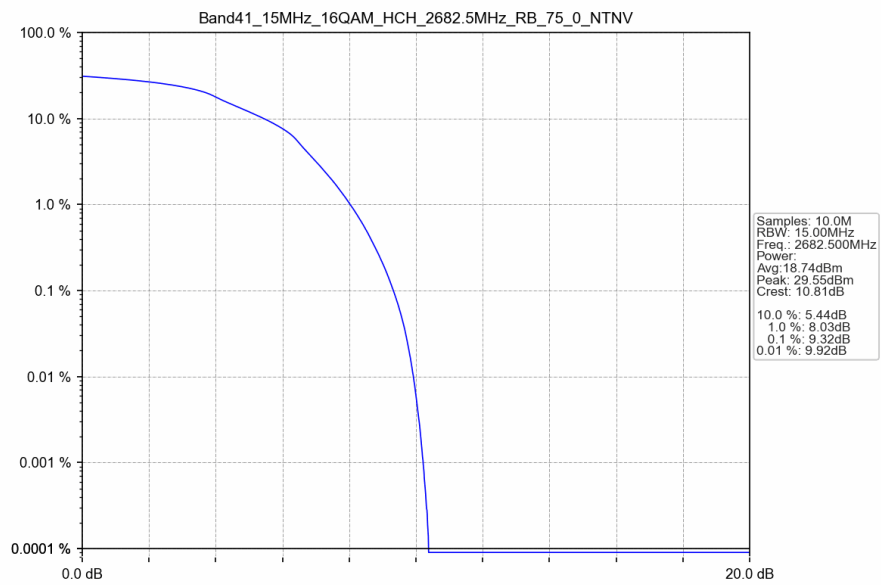
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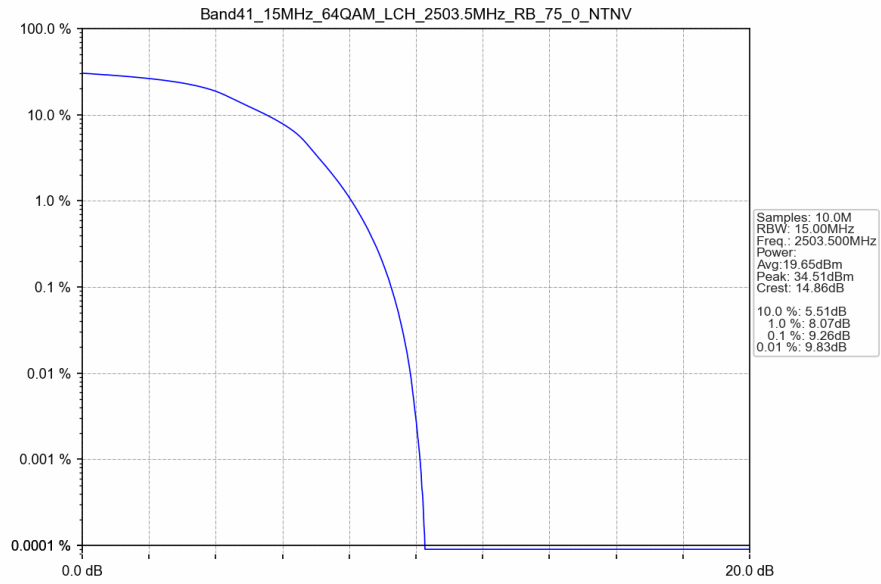
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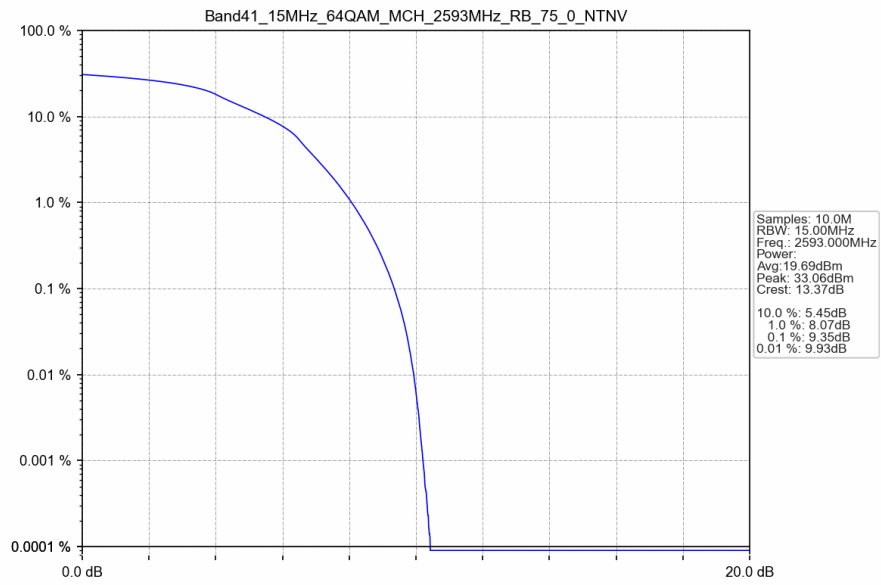
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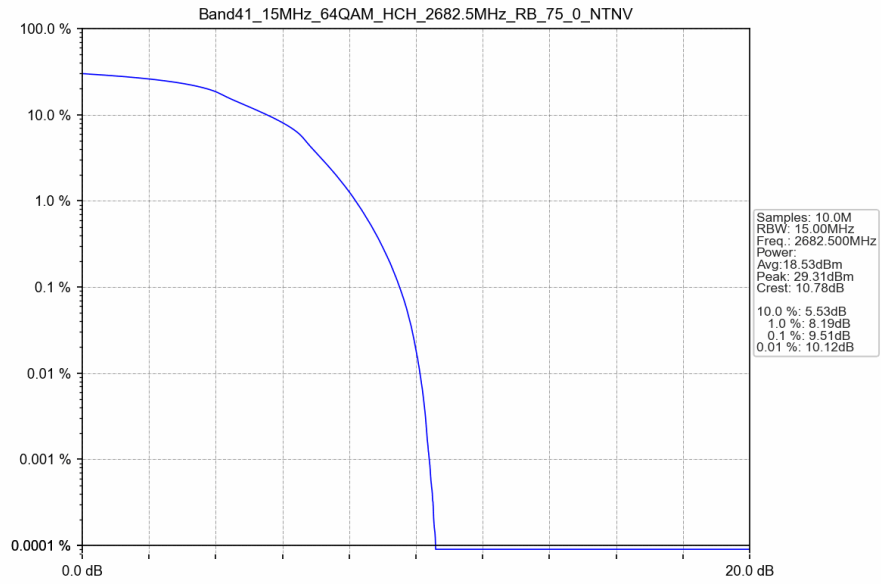
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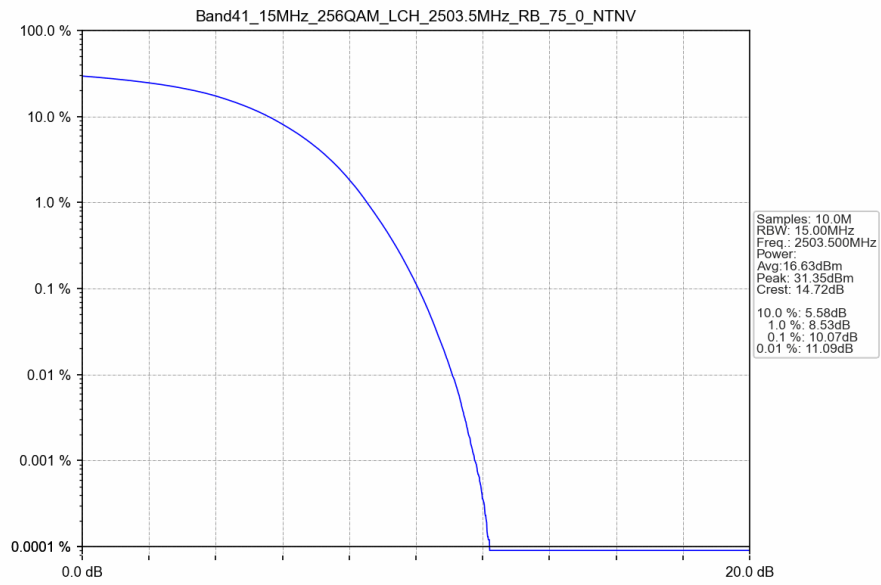
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



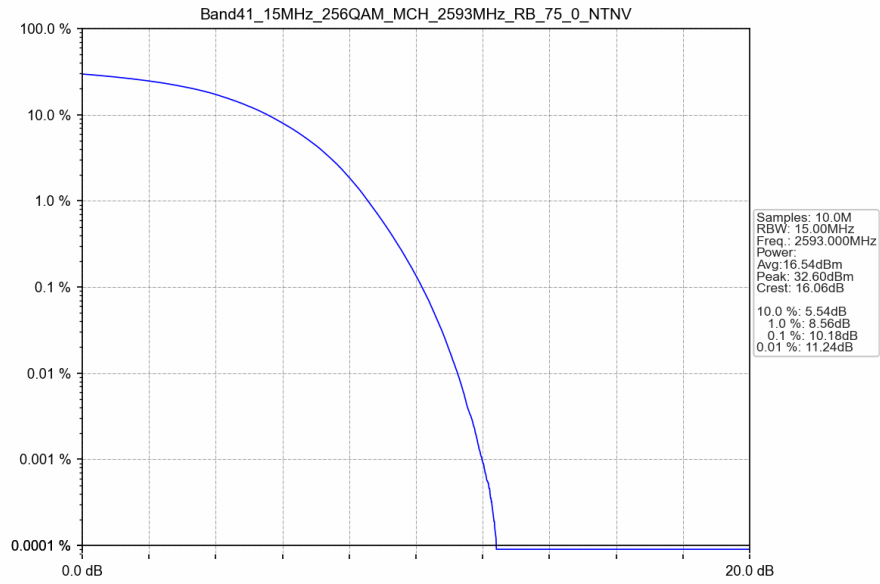
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



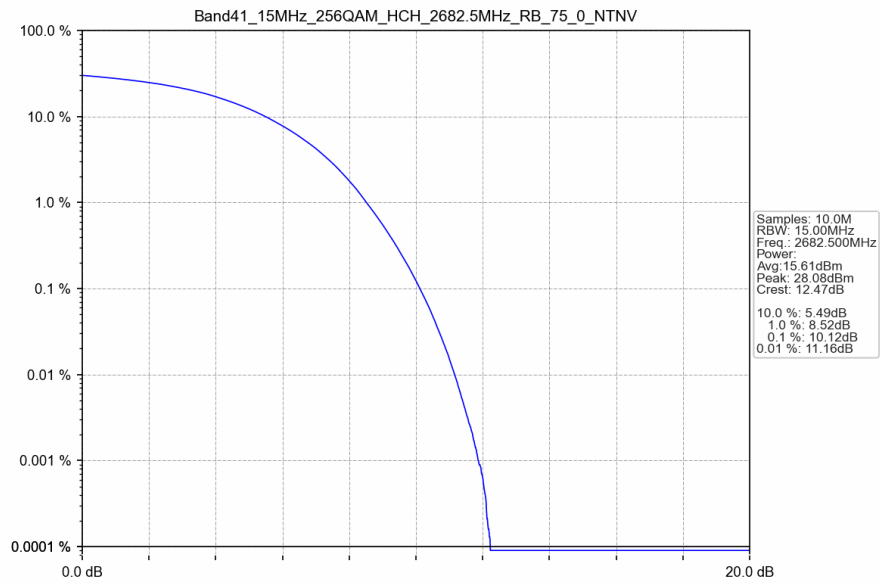
Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV



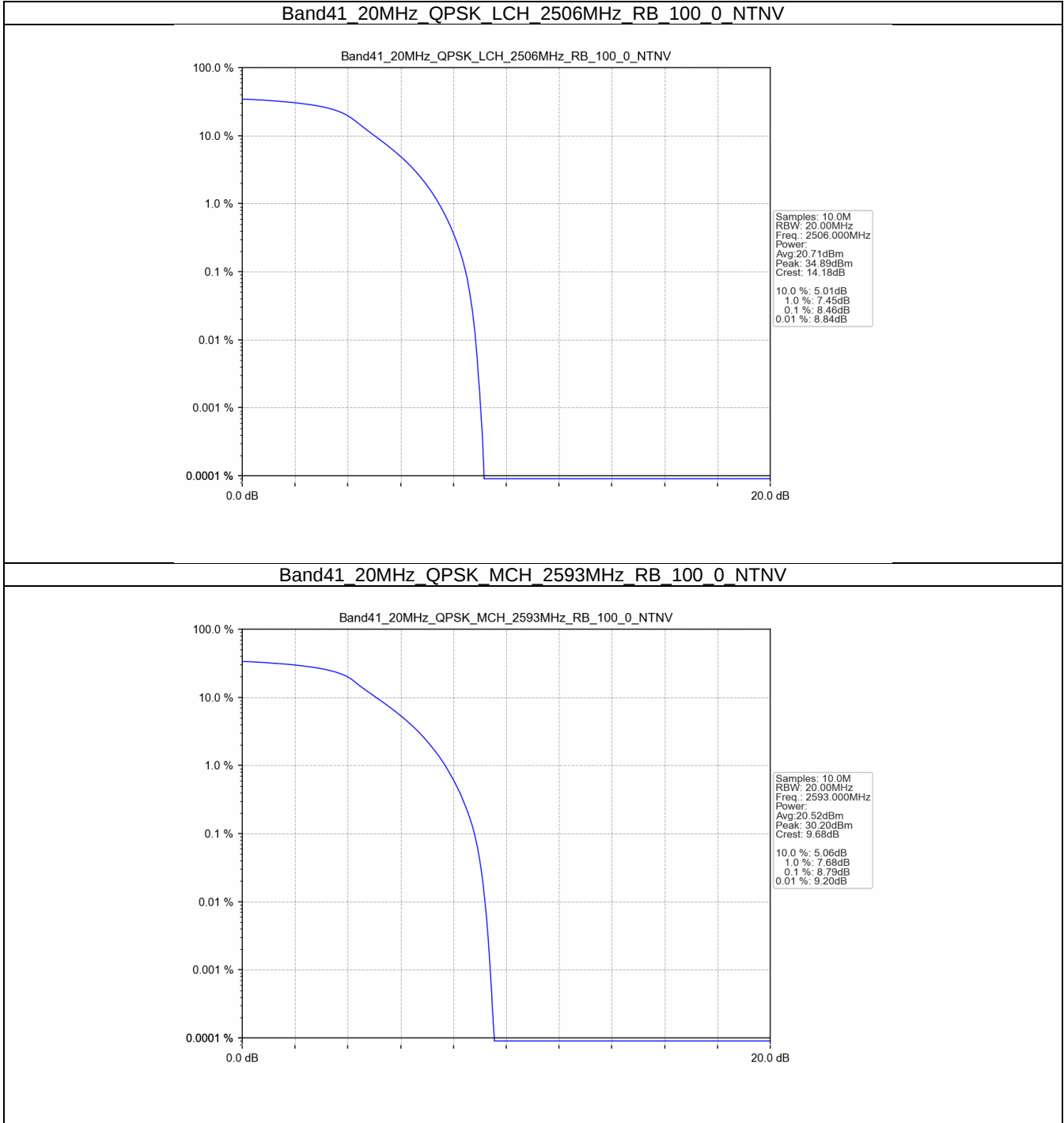
Band41_15MHz_256QAM_MCH_2593MHz_RB_75_0_NTNV



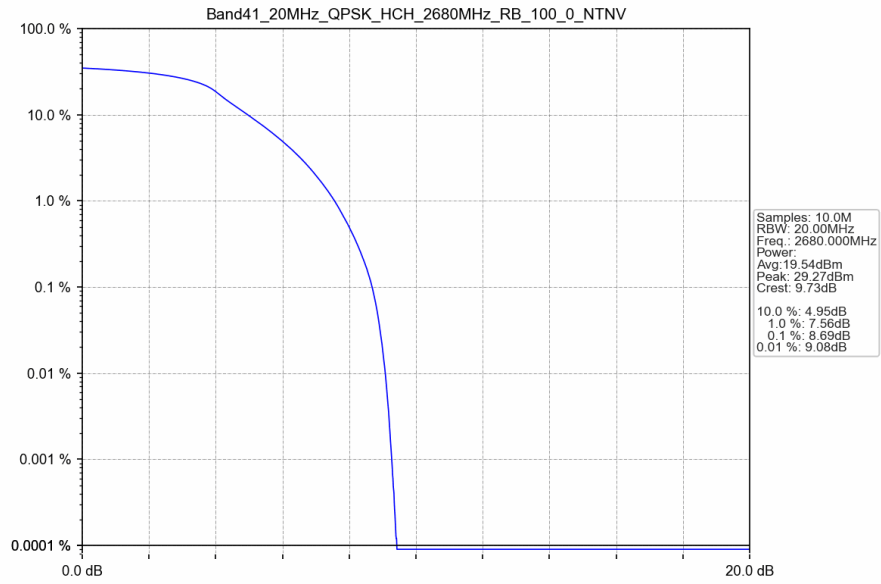
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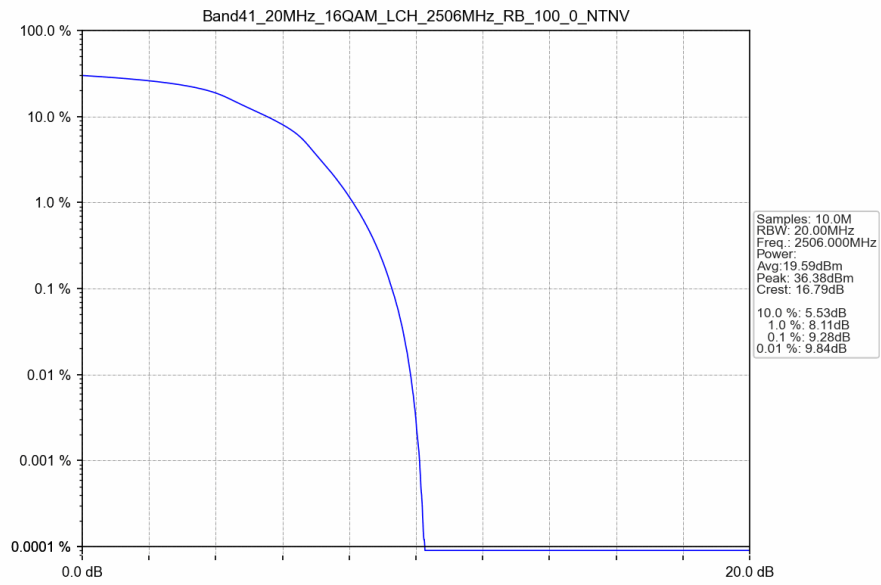
4.2.4 B41_20MHz



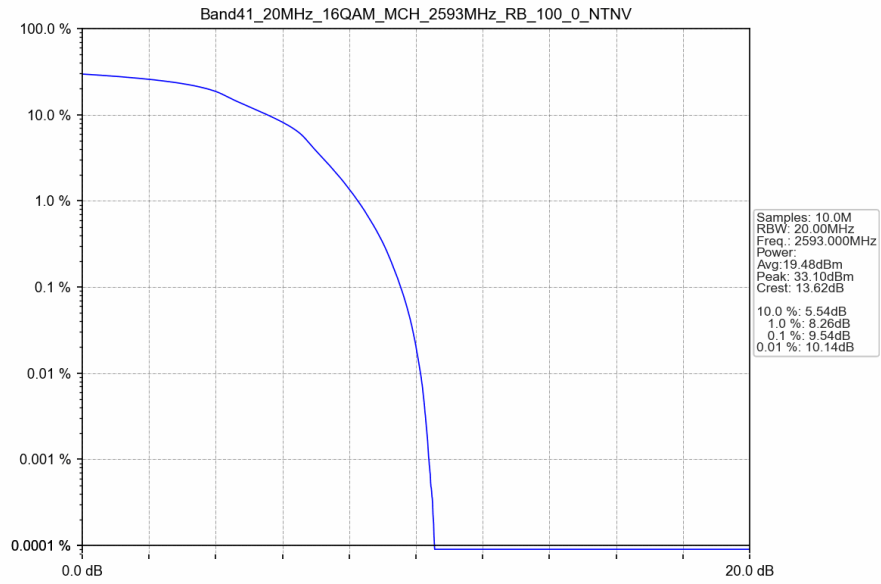
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



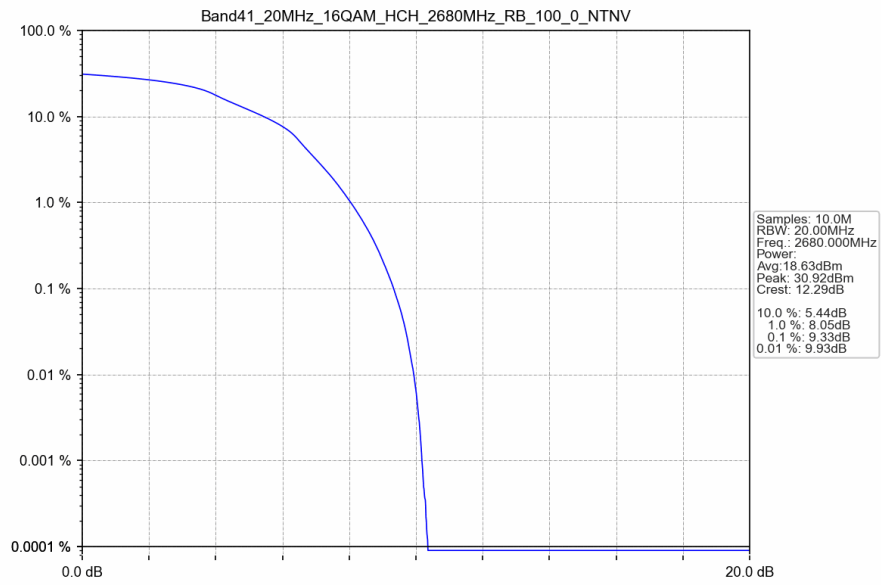
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



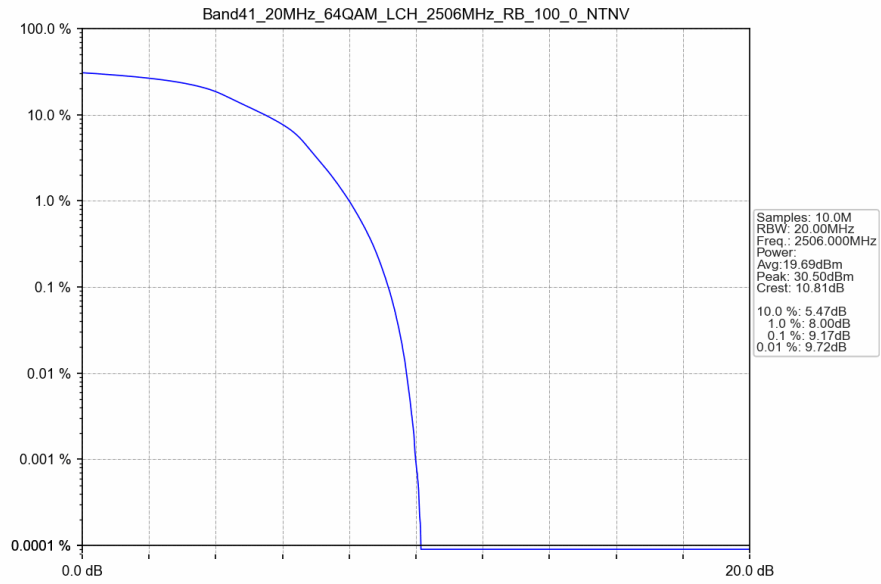
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



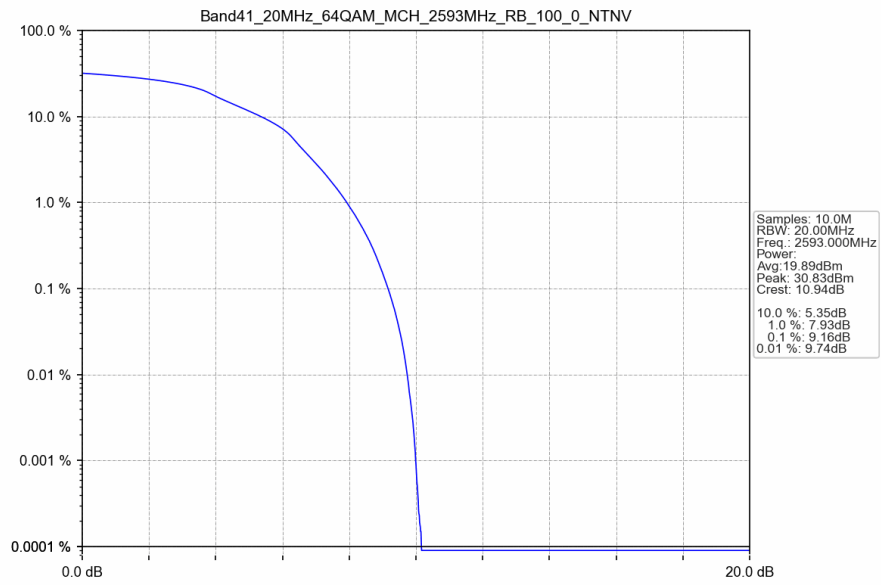
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



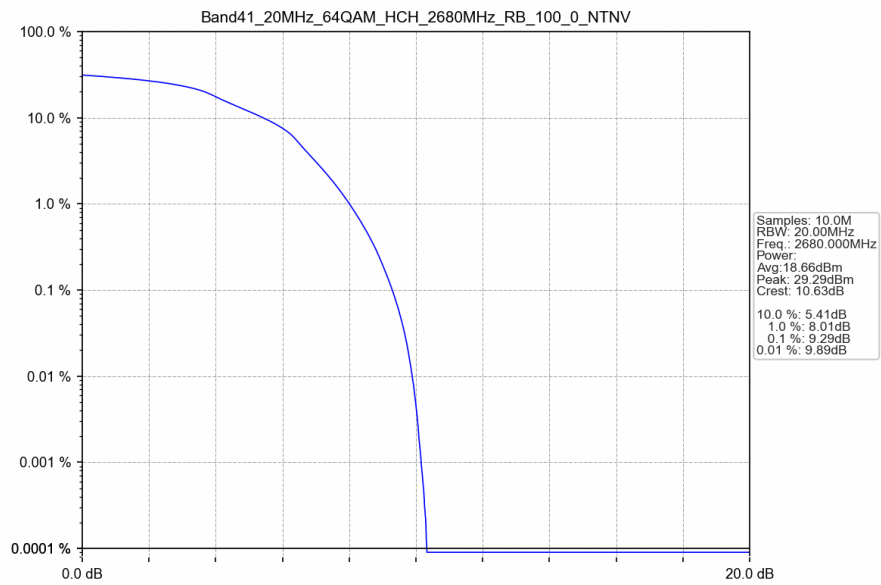
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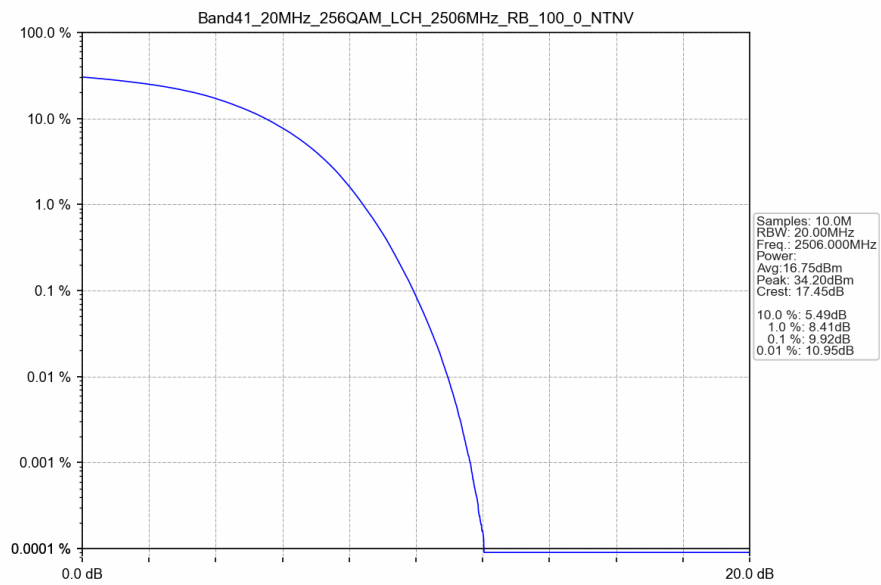
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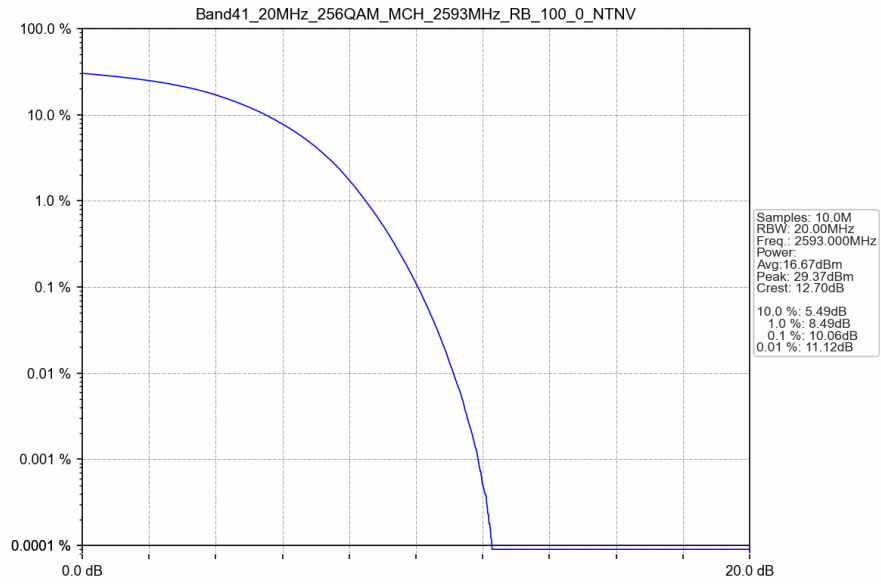
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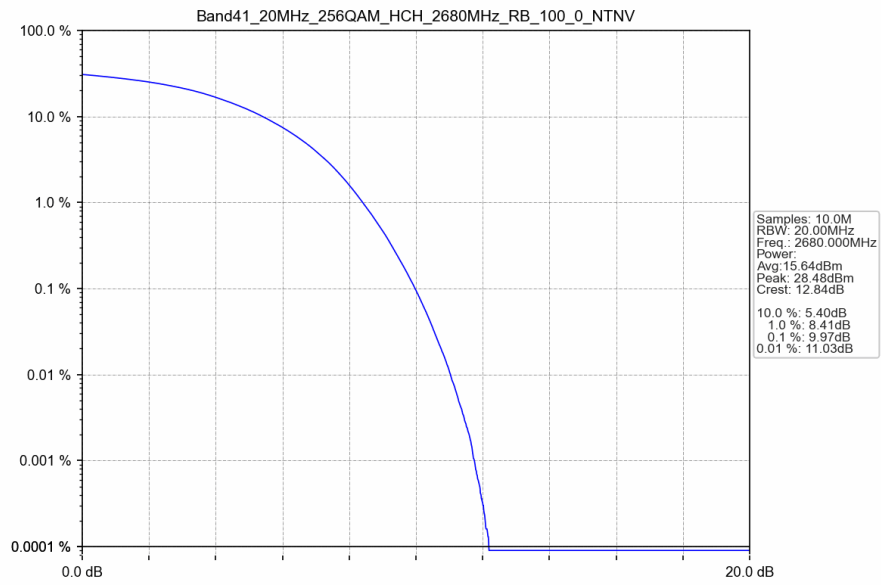
Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_HCH_2680MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
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	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
		2685	1	0	Refer To Test Graph	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
		2682.5	1	0	Refer To Test Graph	
	74			Refer To Test Graph		Pass
	75		0	Refer To Test Graph		Pass

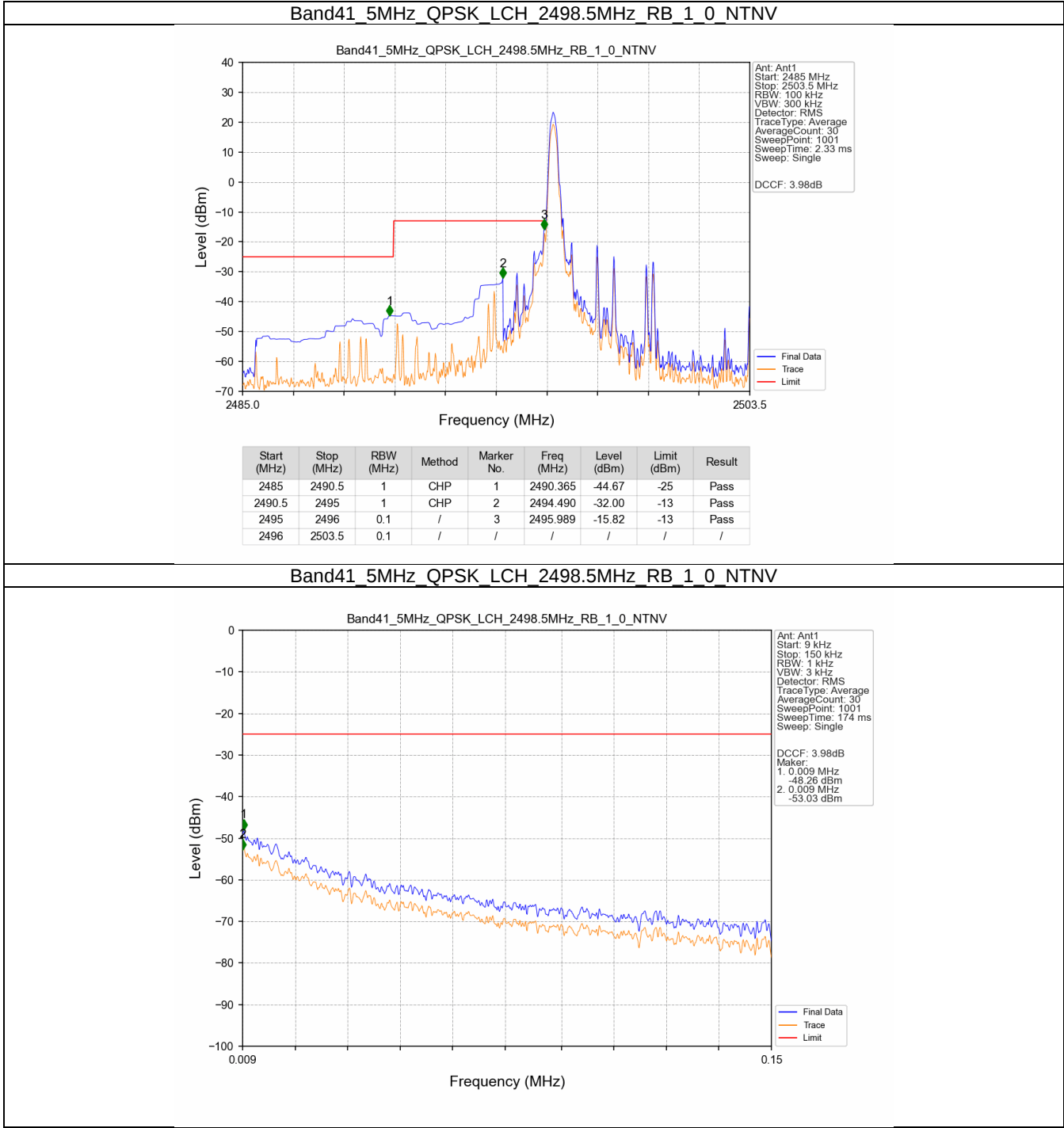
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass

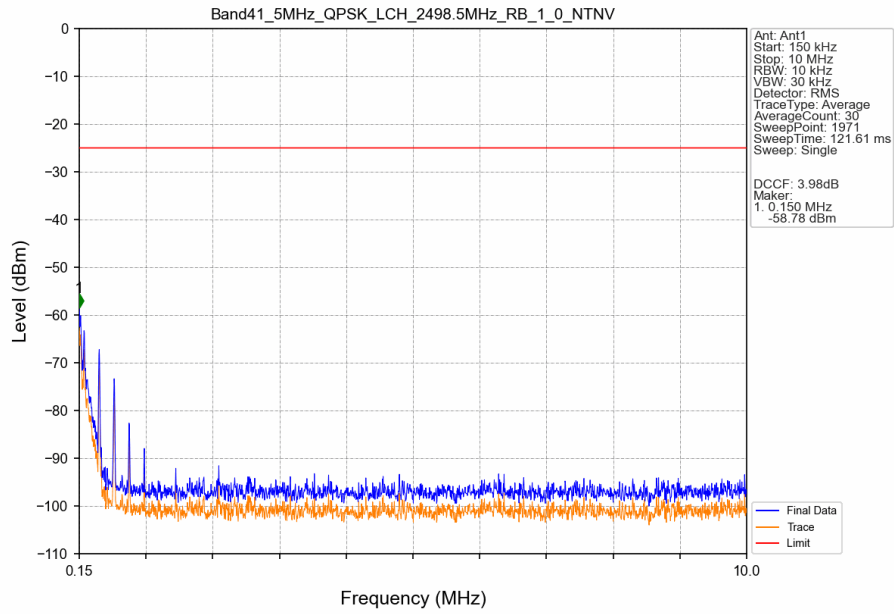
	2680	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

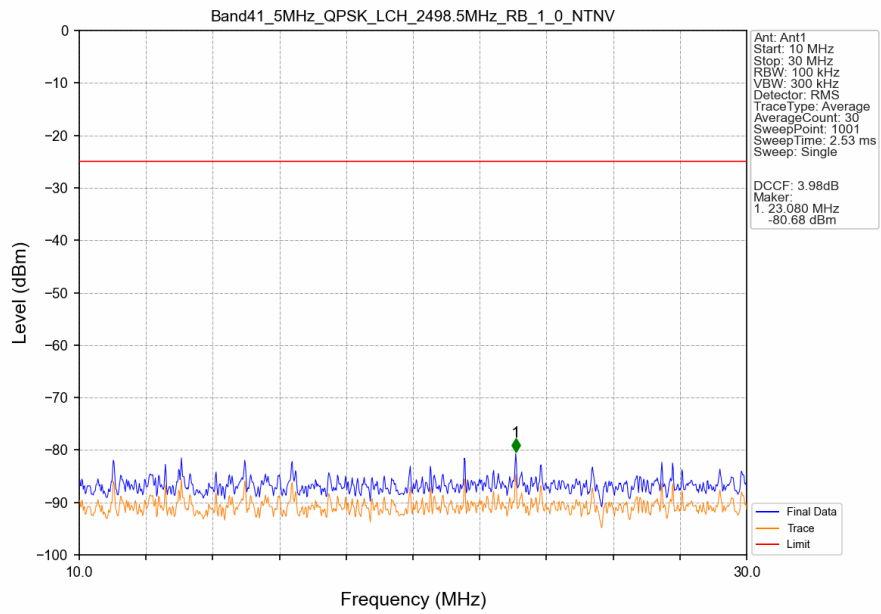
5.2.1 B41_5MHz



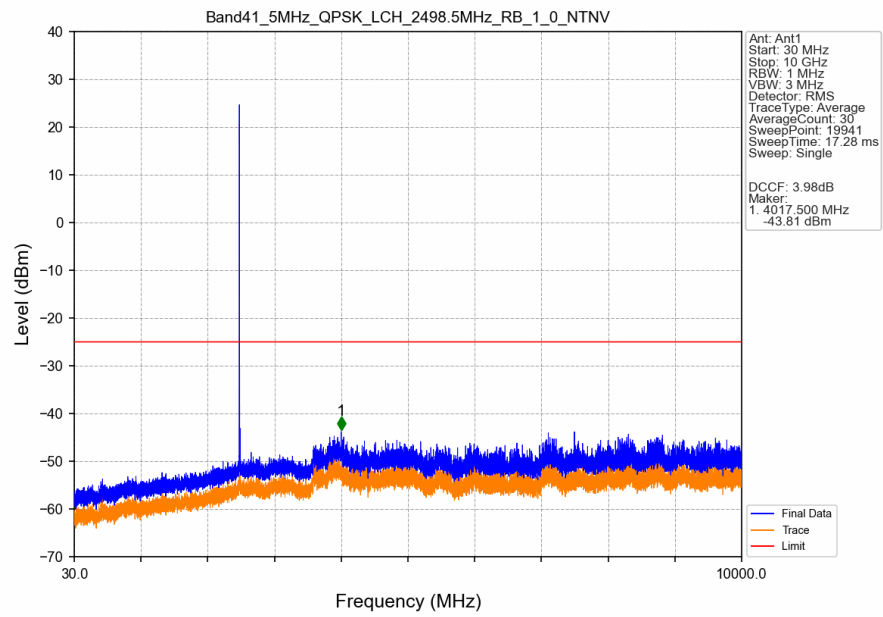
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



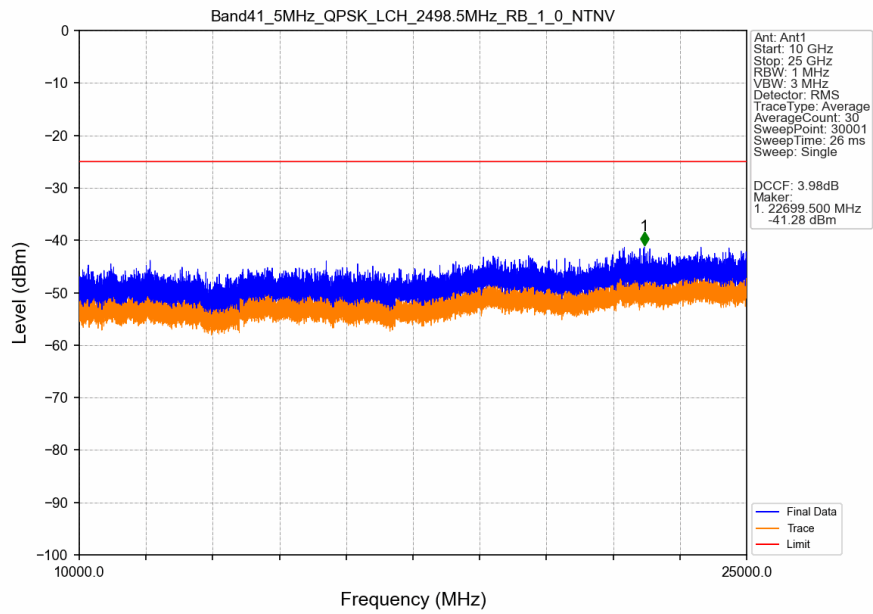
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



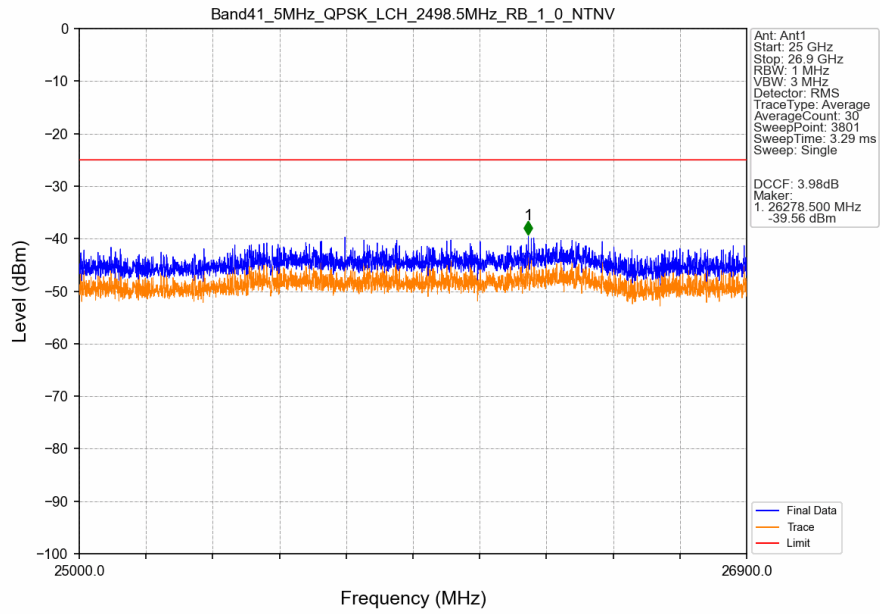
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



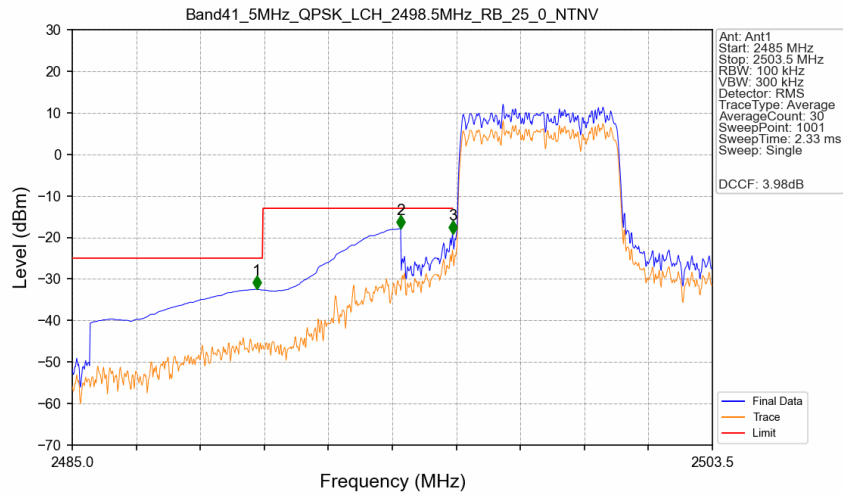
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

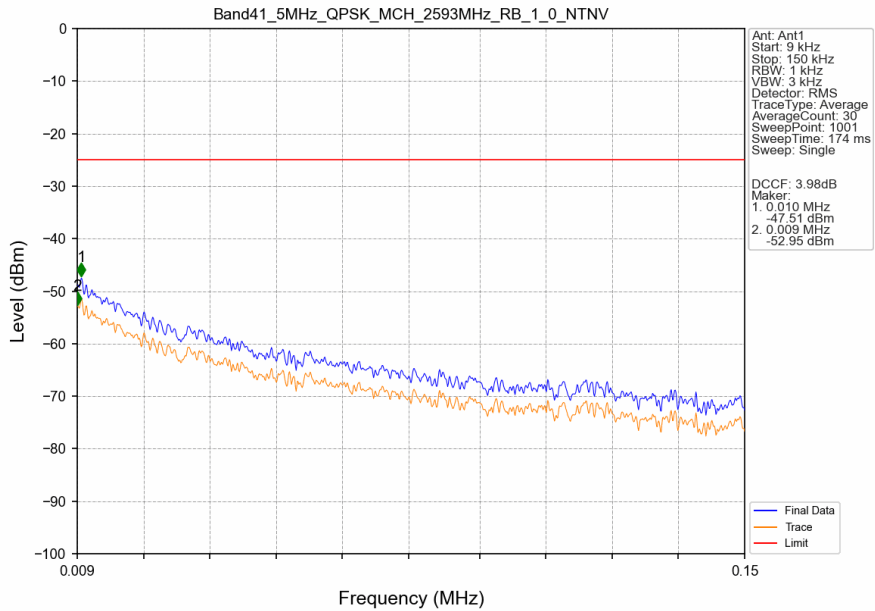


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

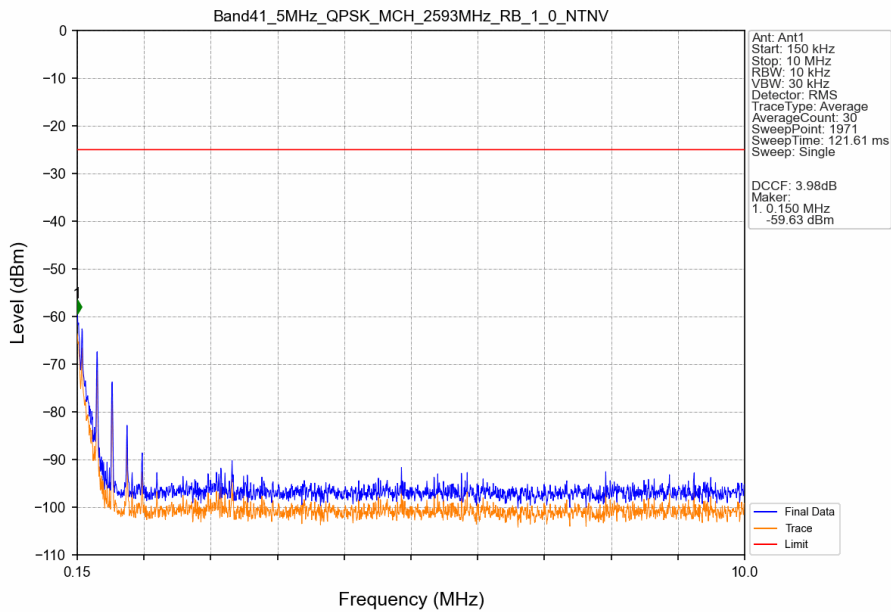


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.328	-32.46	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-17.90	-13	Pass
2495	2496	0.1	/	3	2495.989	-19.07	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

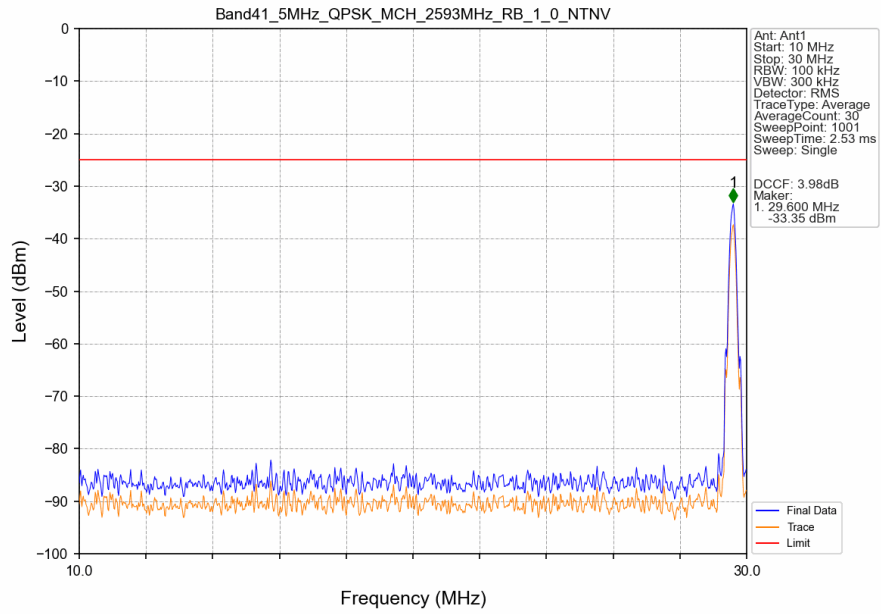
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



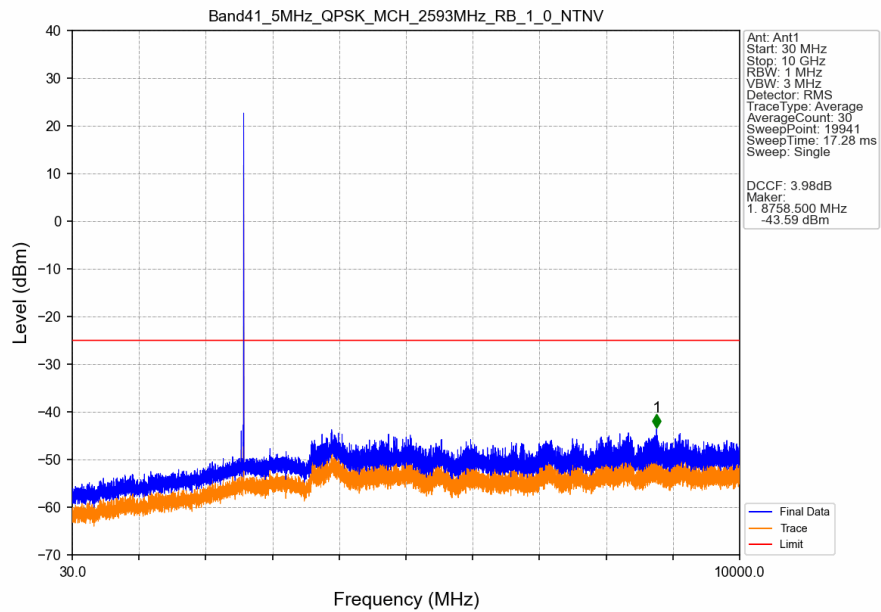
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



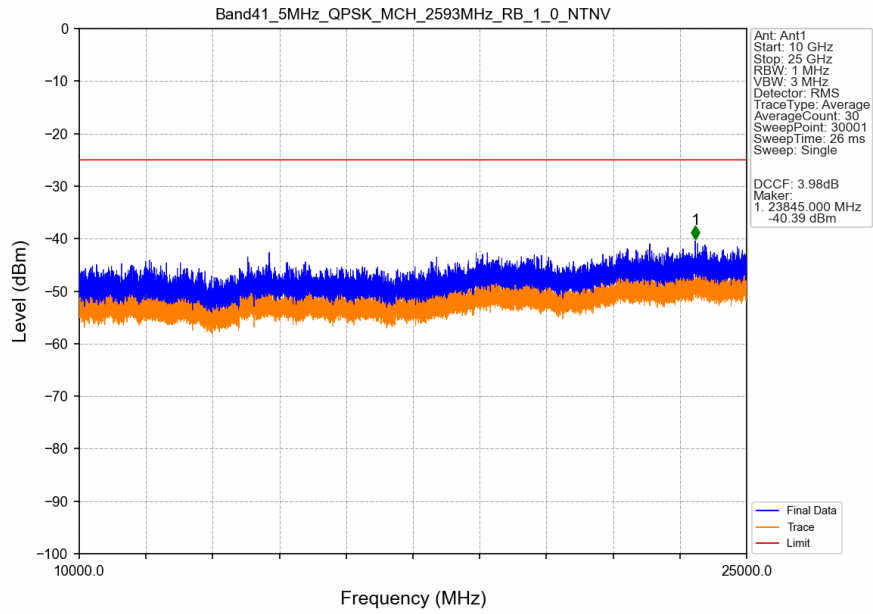
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



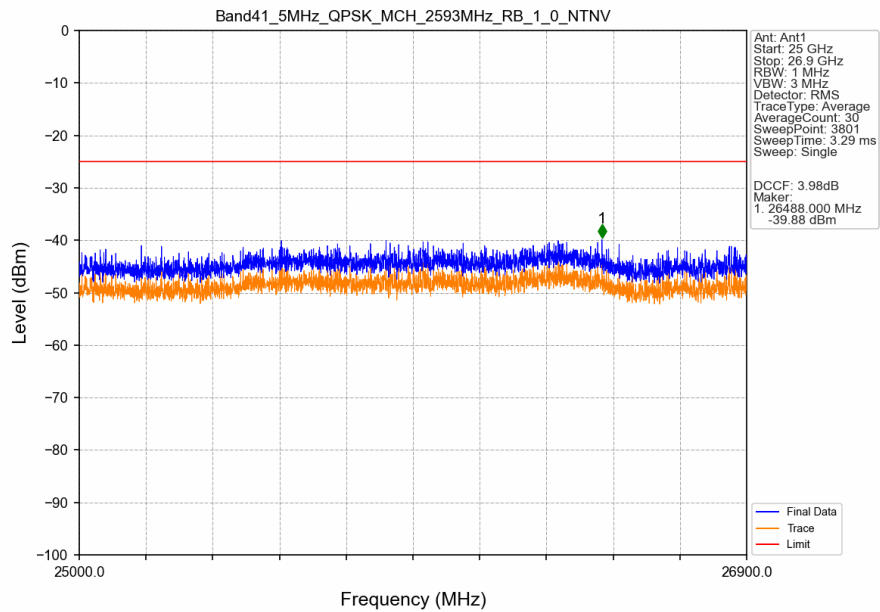
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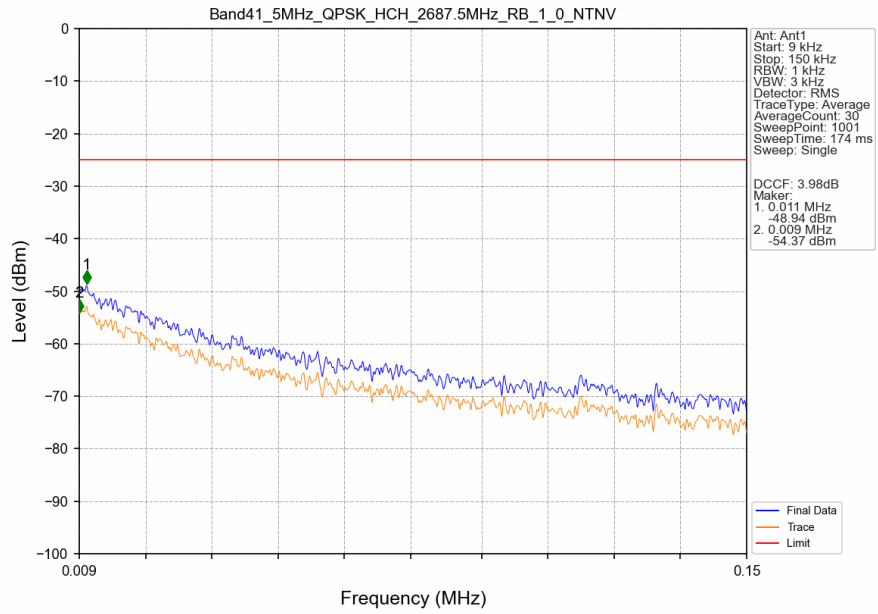
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



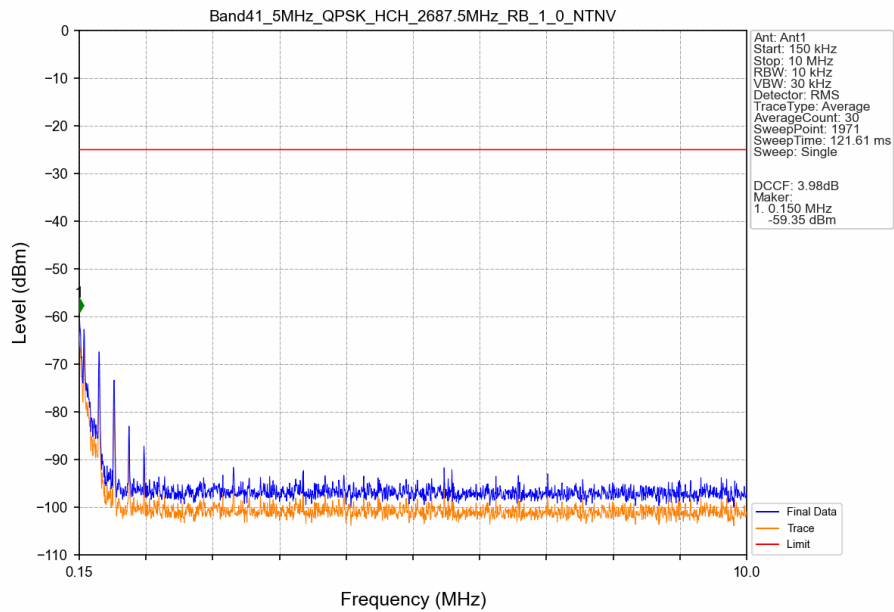
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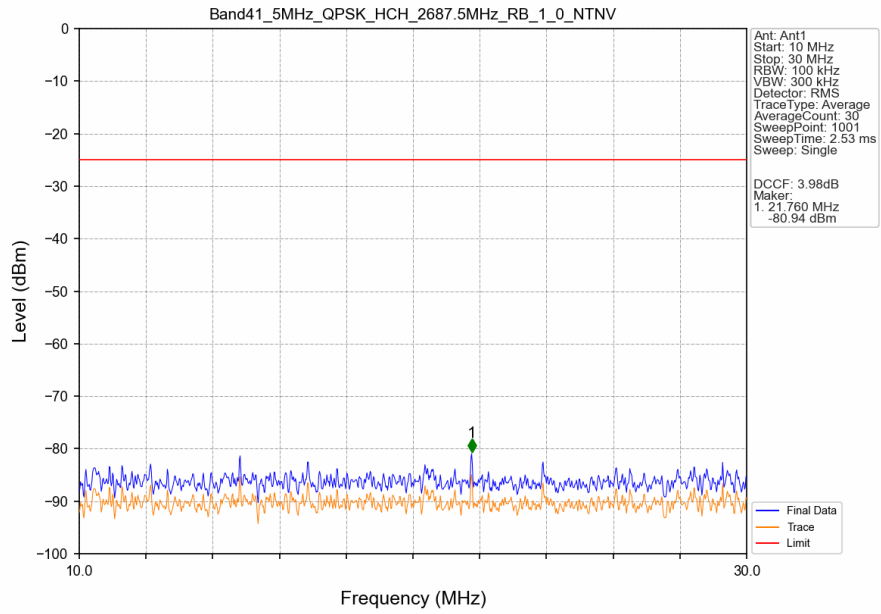
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



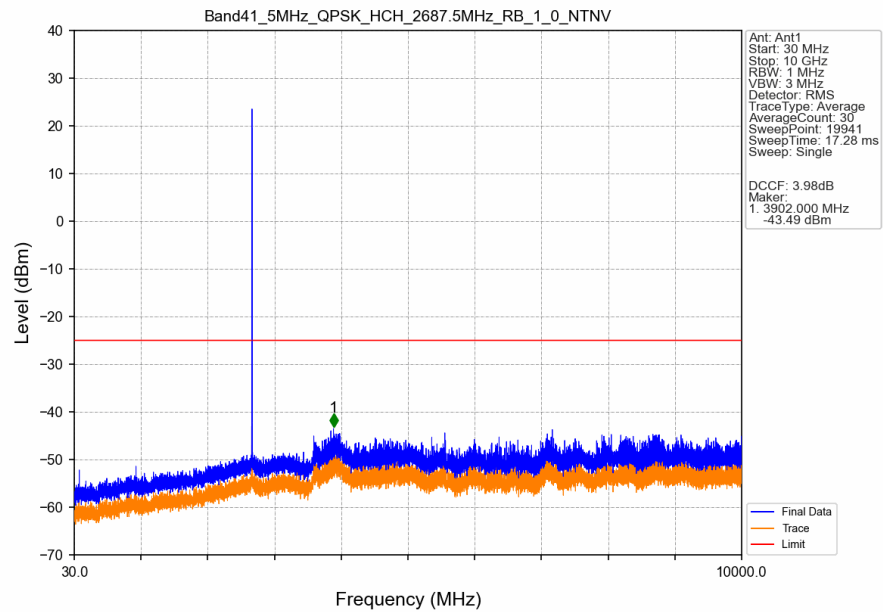
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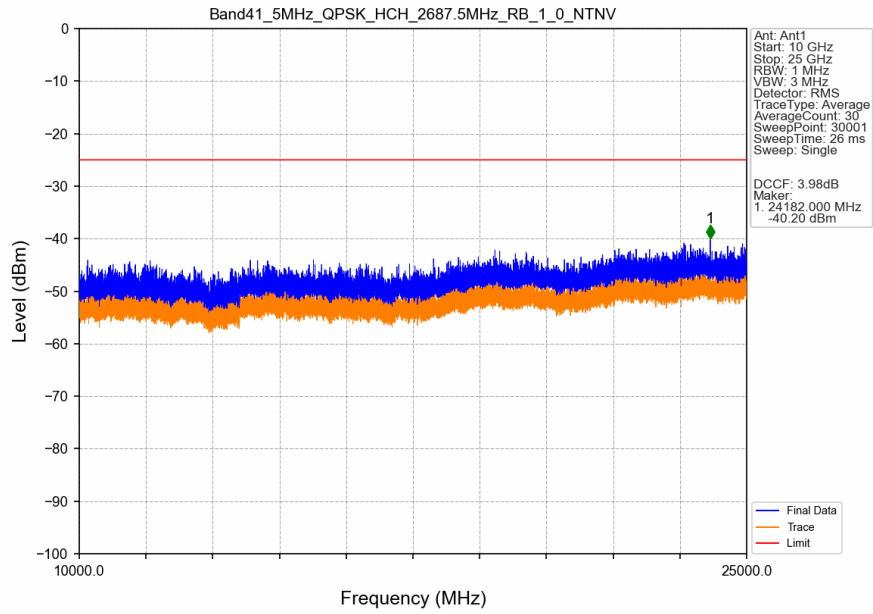
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



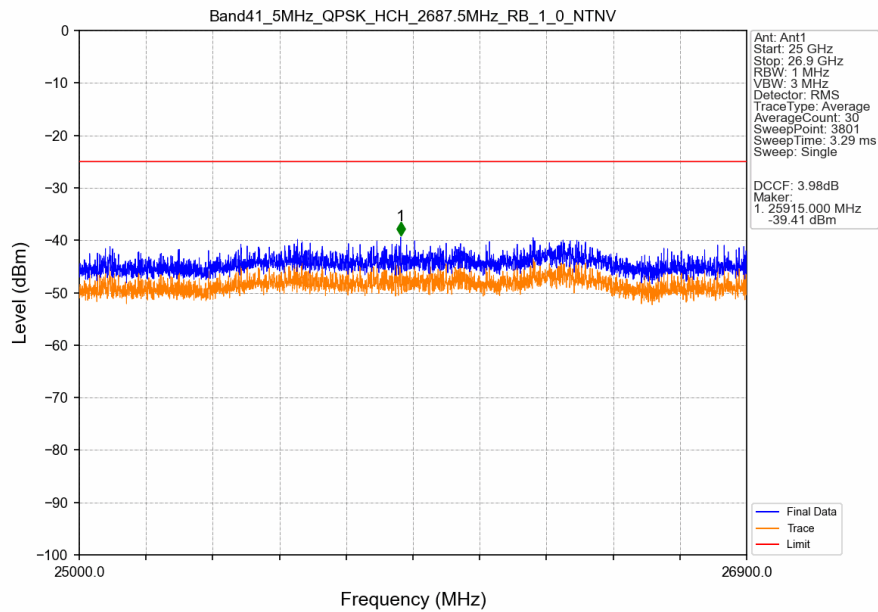
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



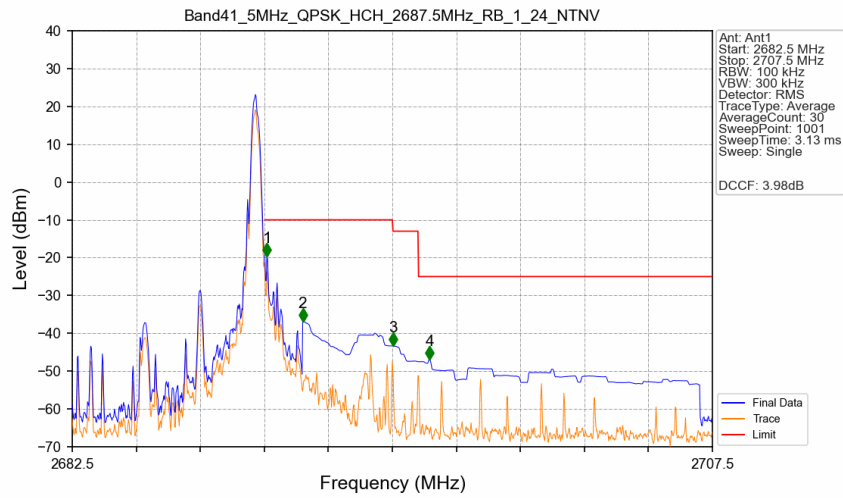
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



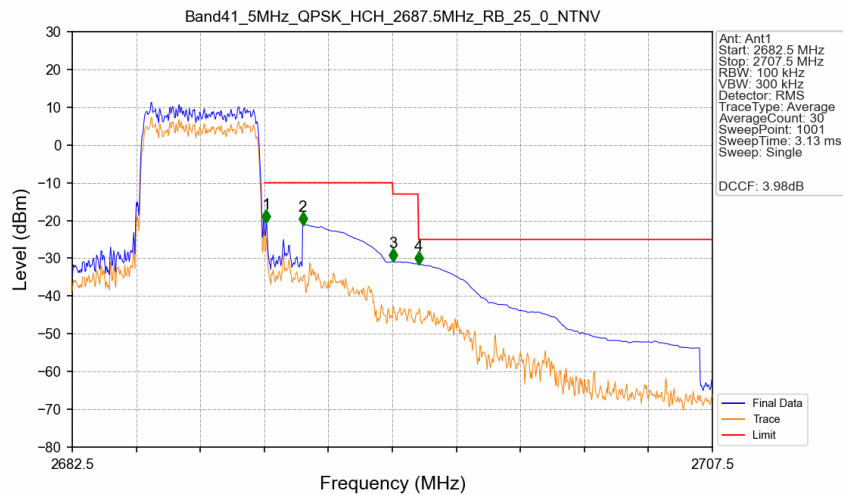
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



5.2.2 B41_10MHz

