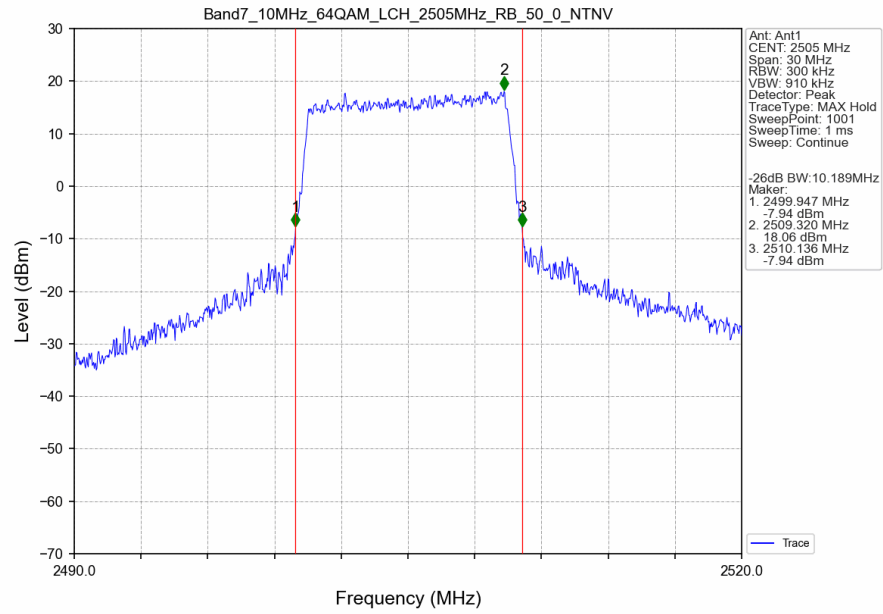
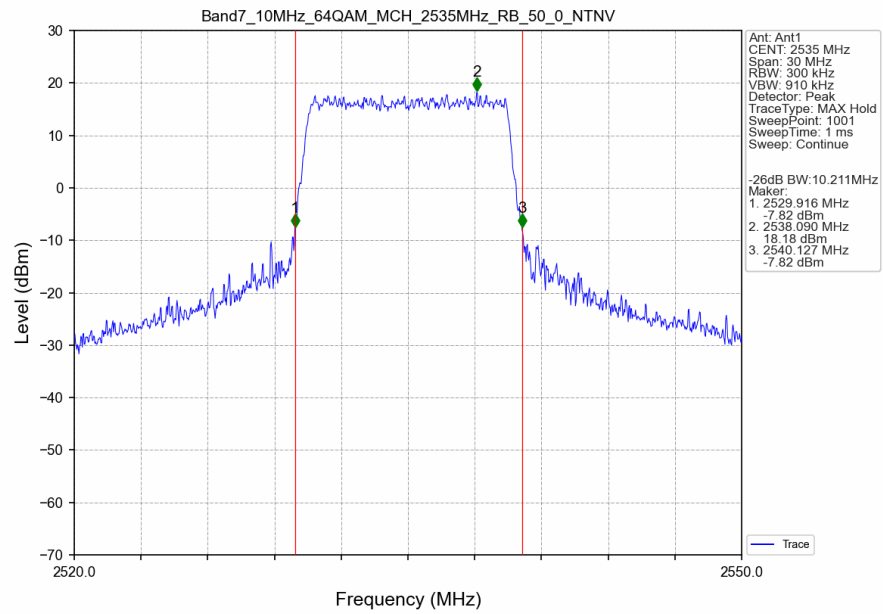


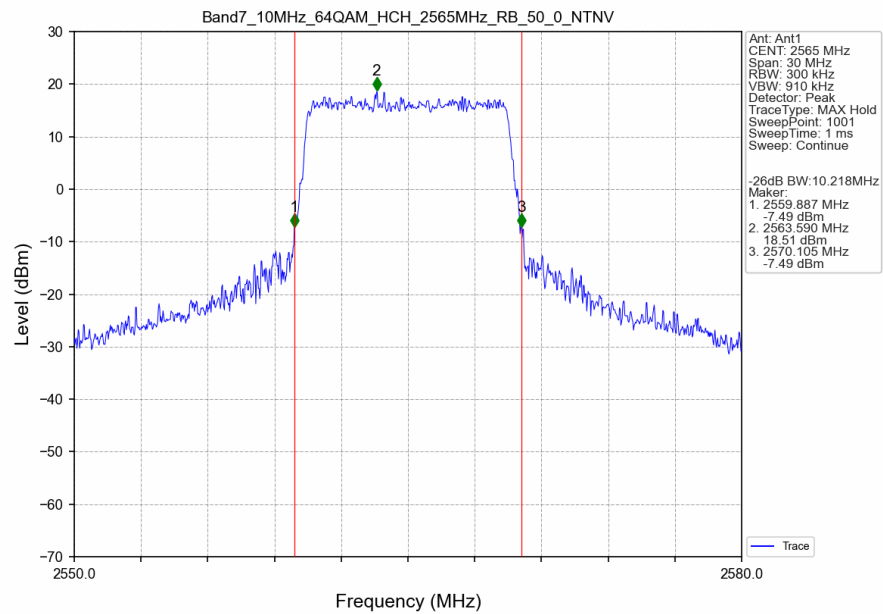
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



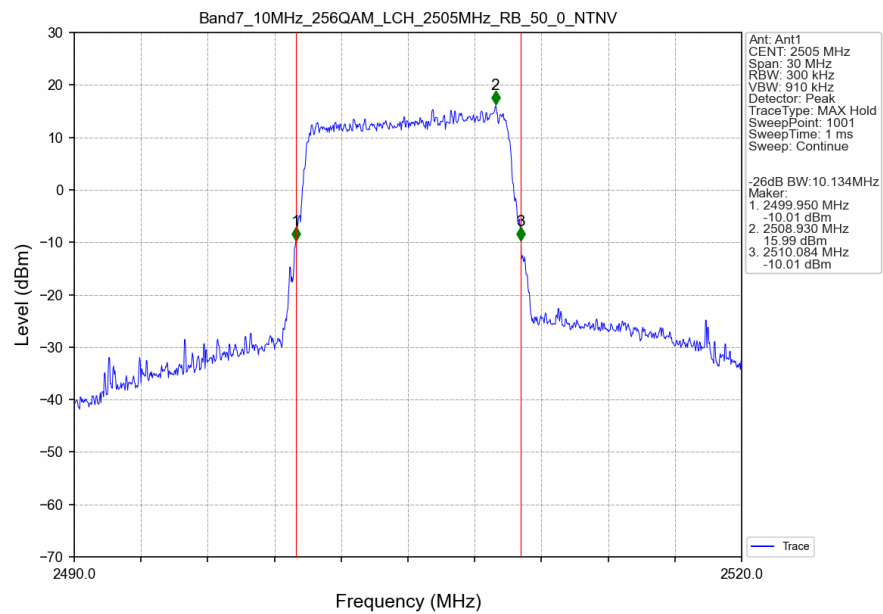
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



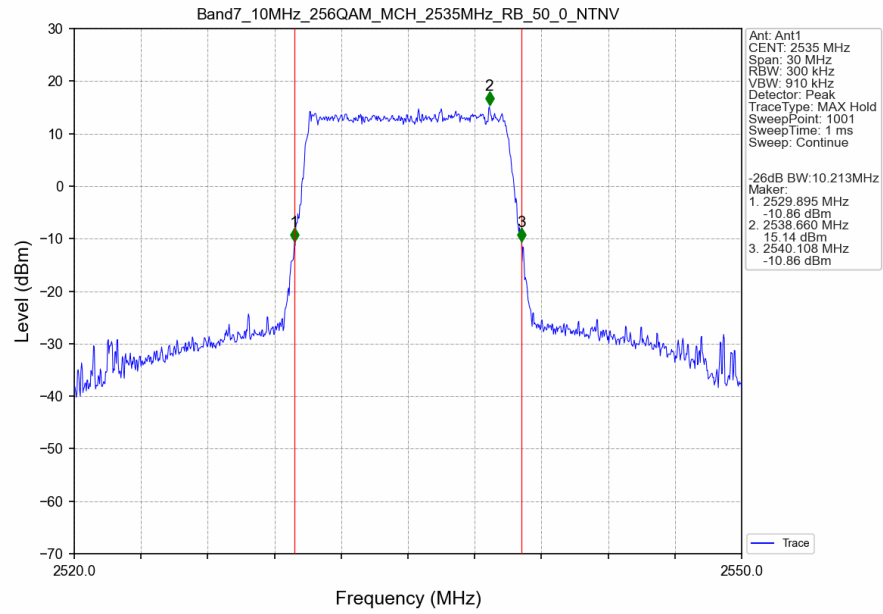
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



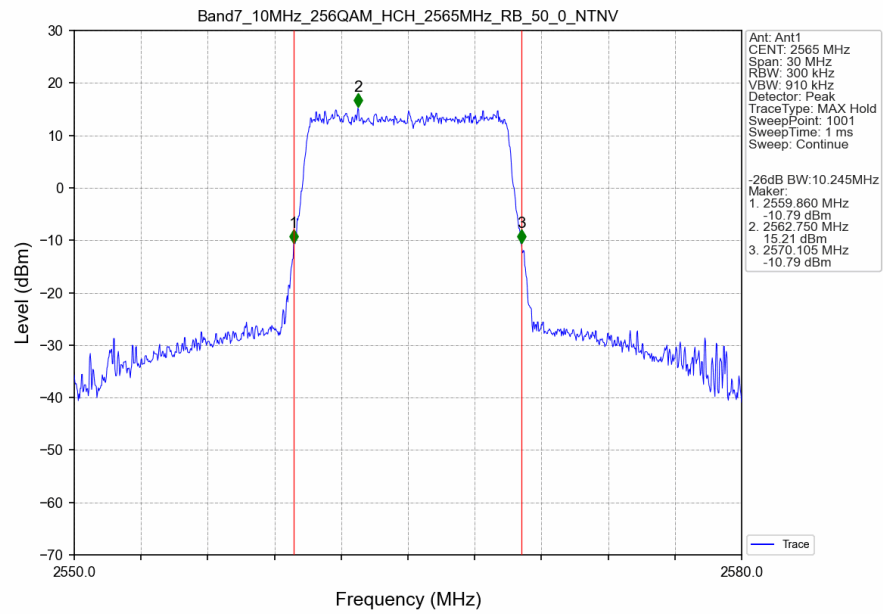
Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



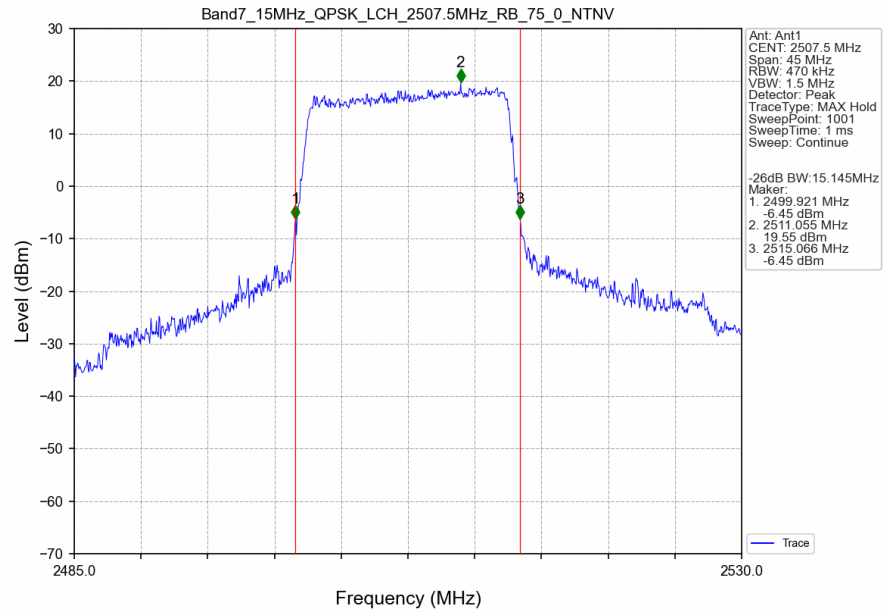
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



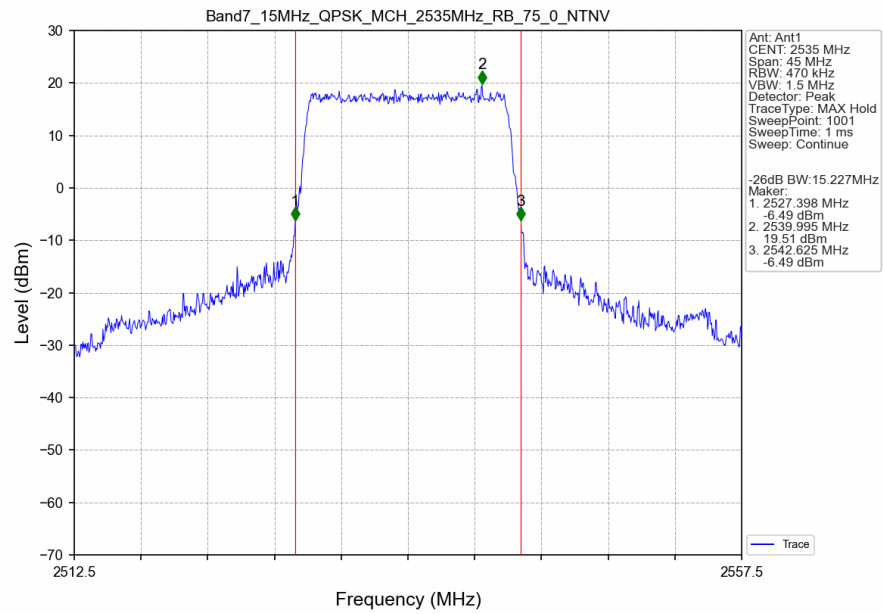
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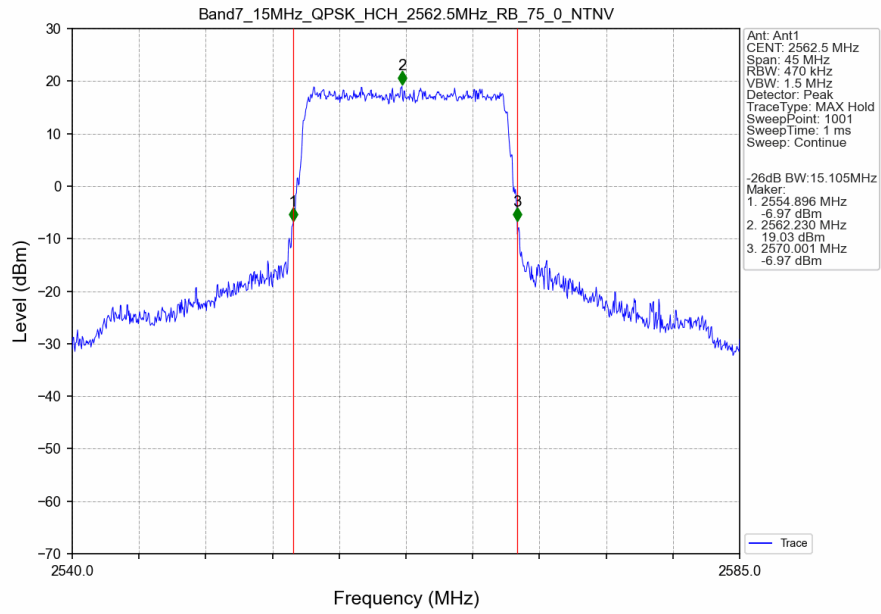
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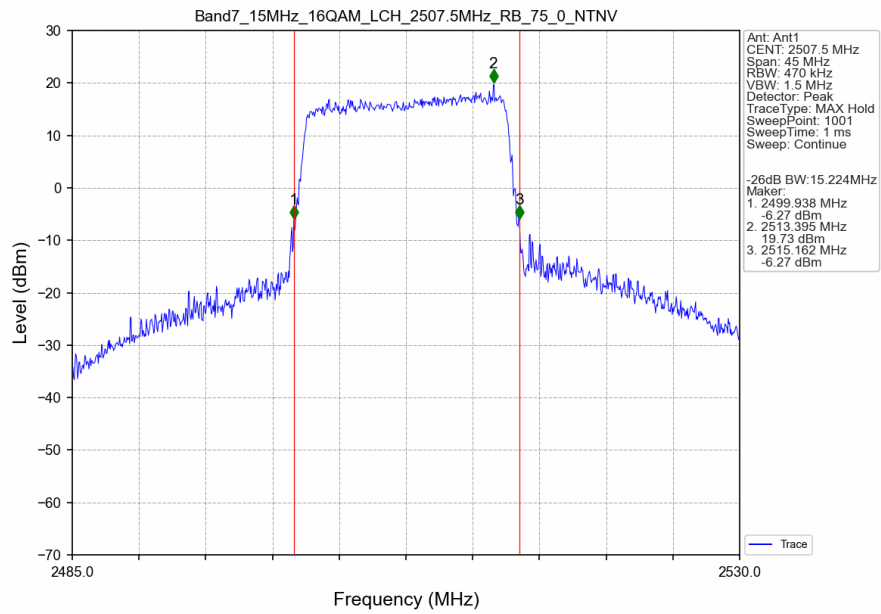
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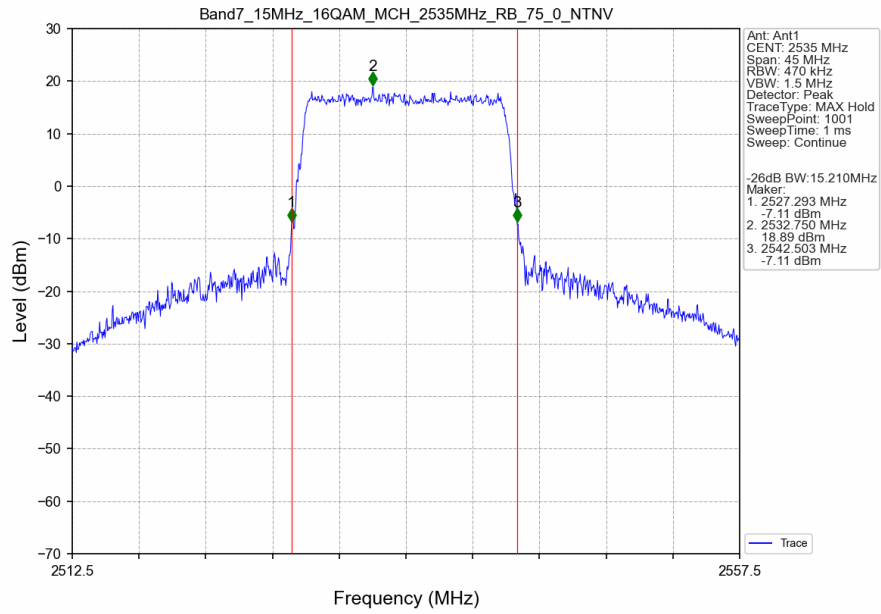
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



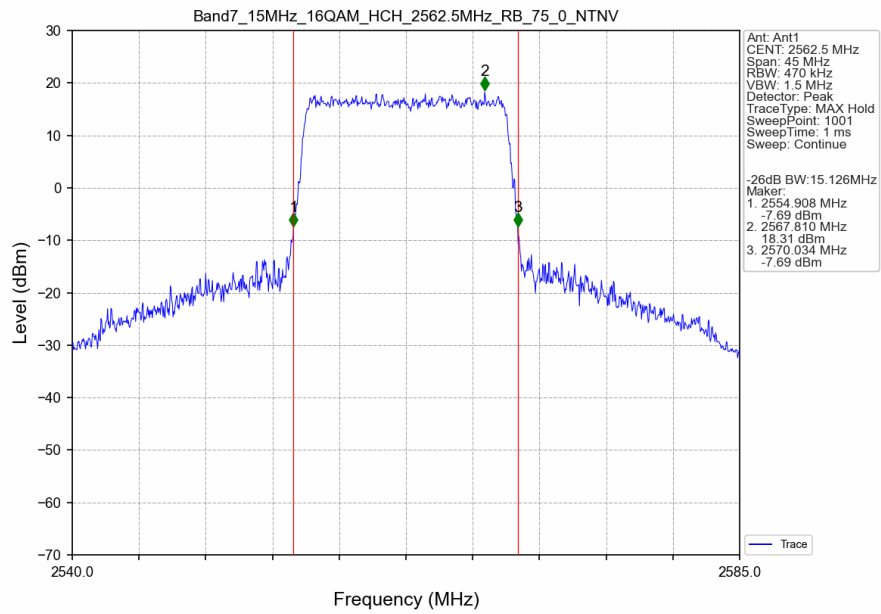
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



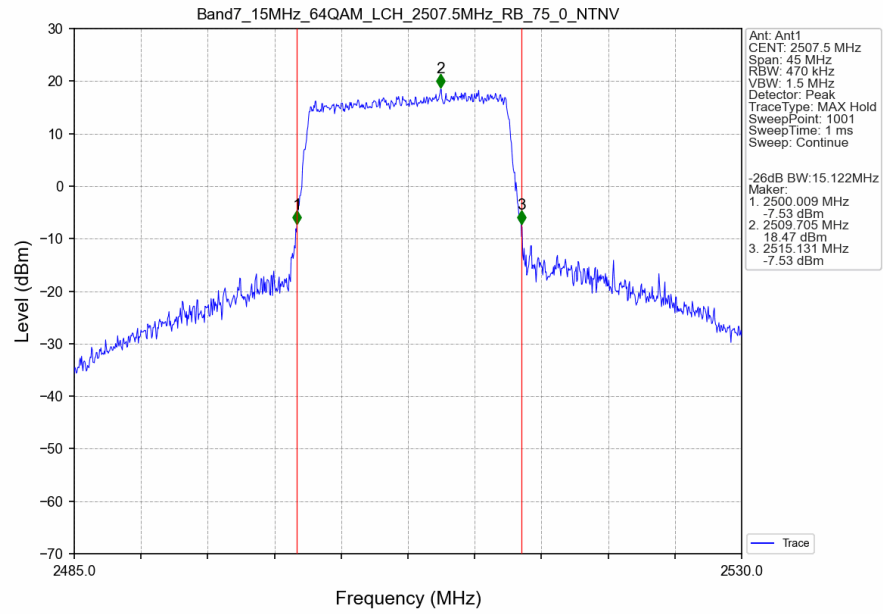
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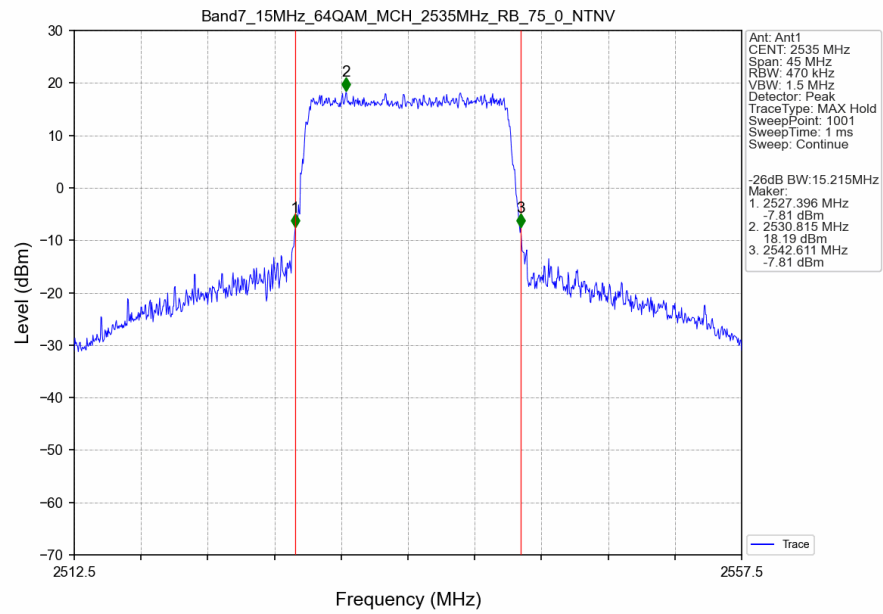
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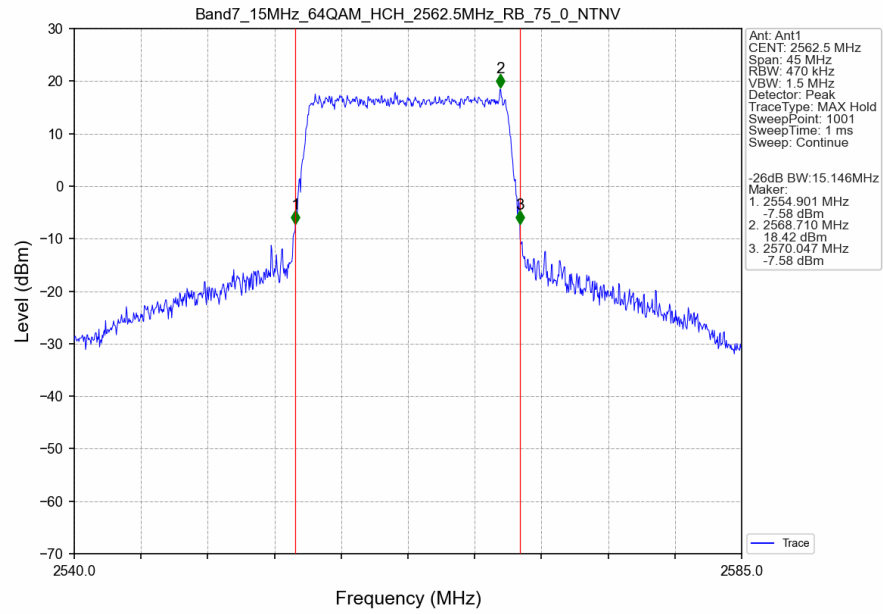
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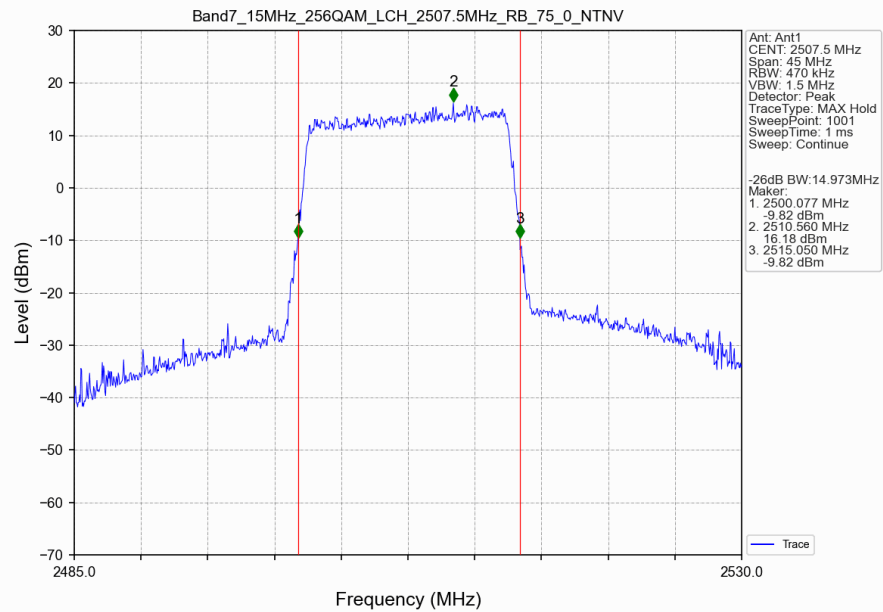
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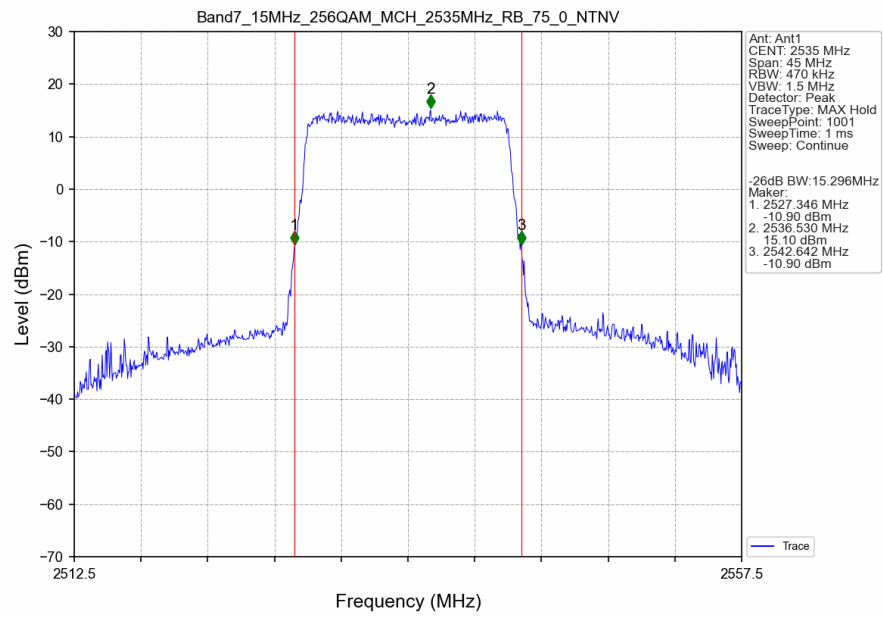
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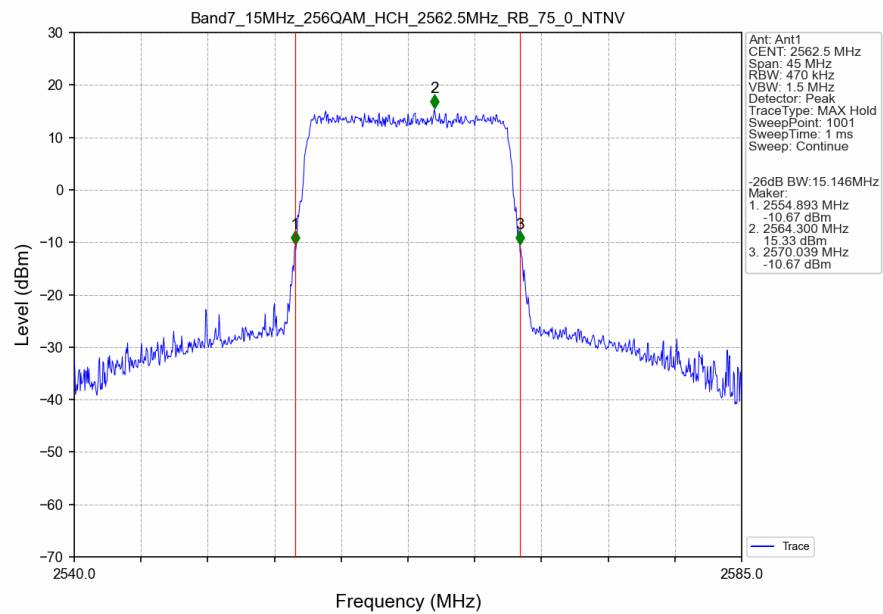
Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



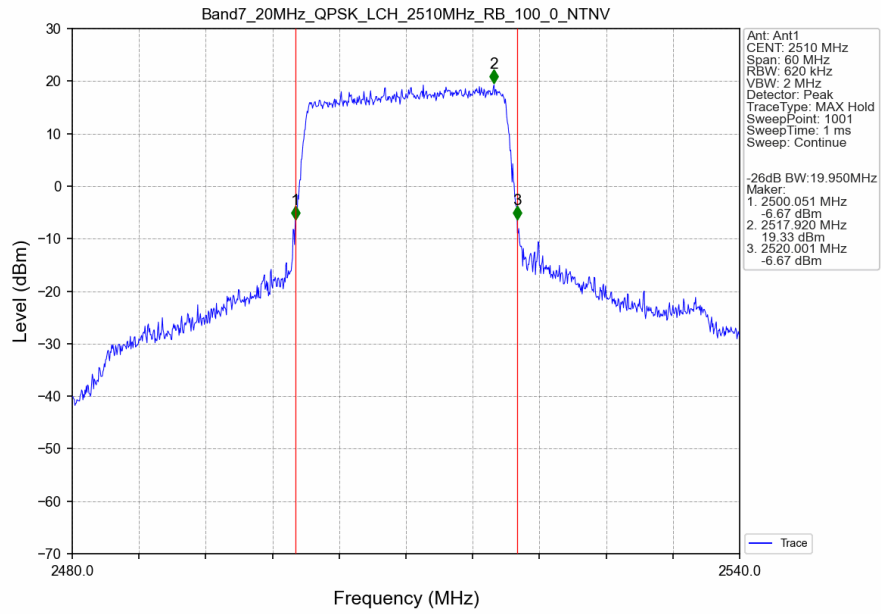
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



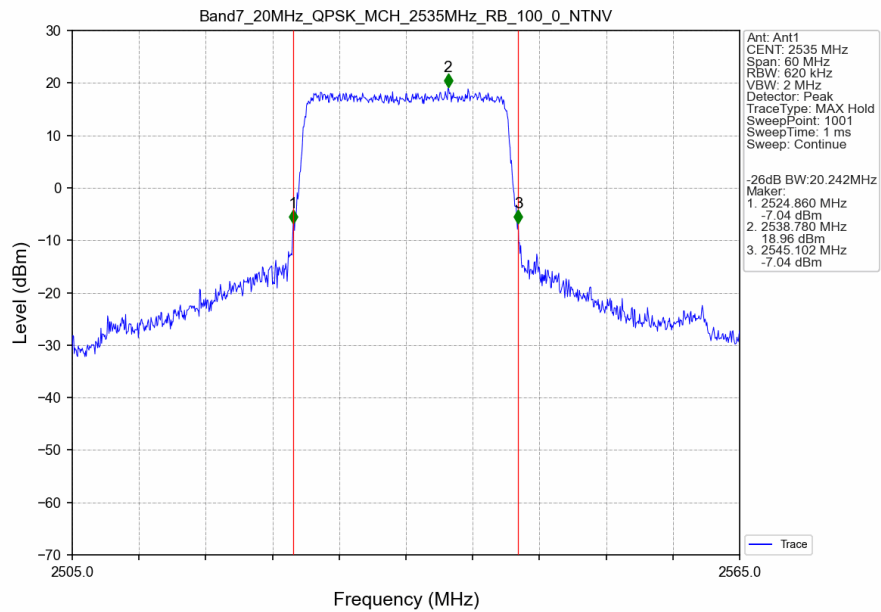
Band7_15MHz_256QAM_HCH_2562.5MHz_RB_75_0_NTNV



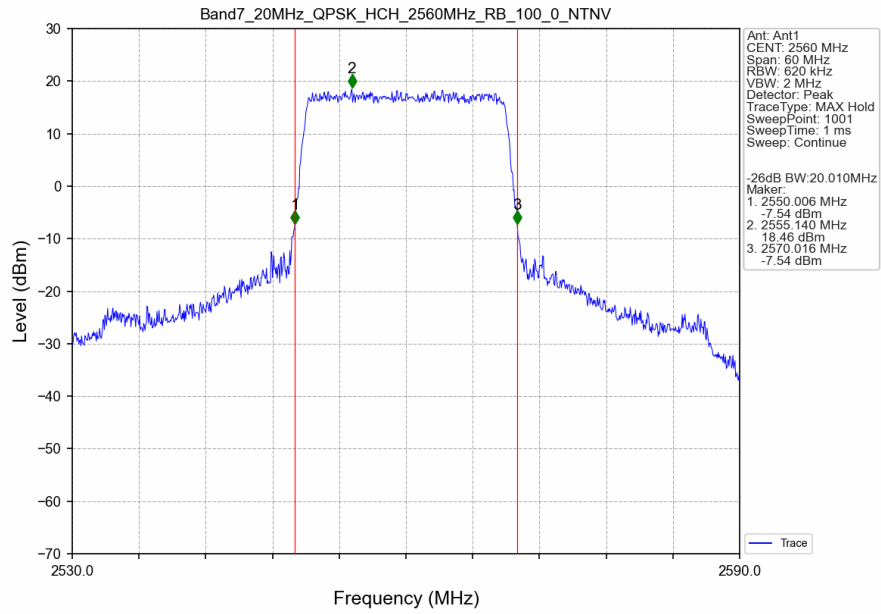
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



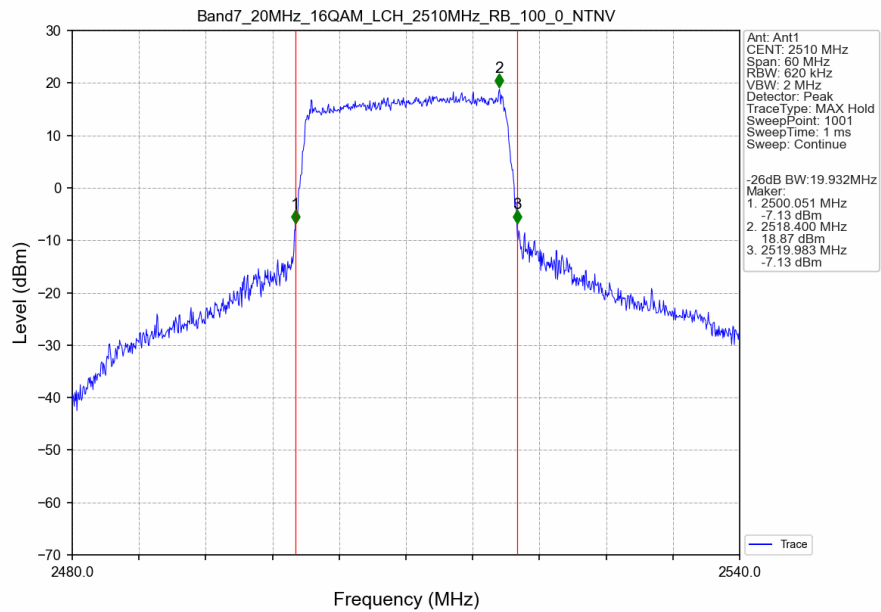
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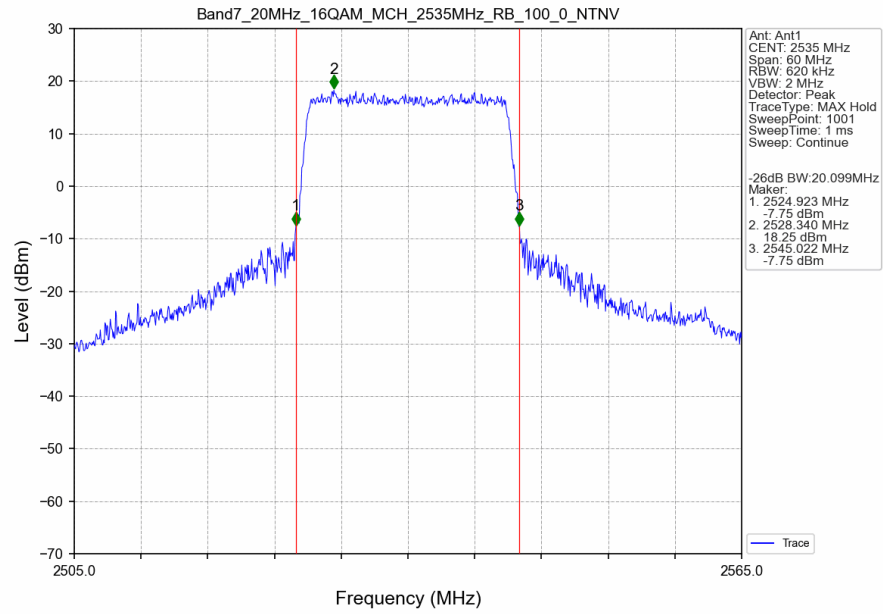
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTN



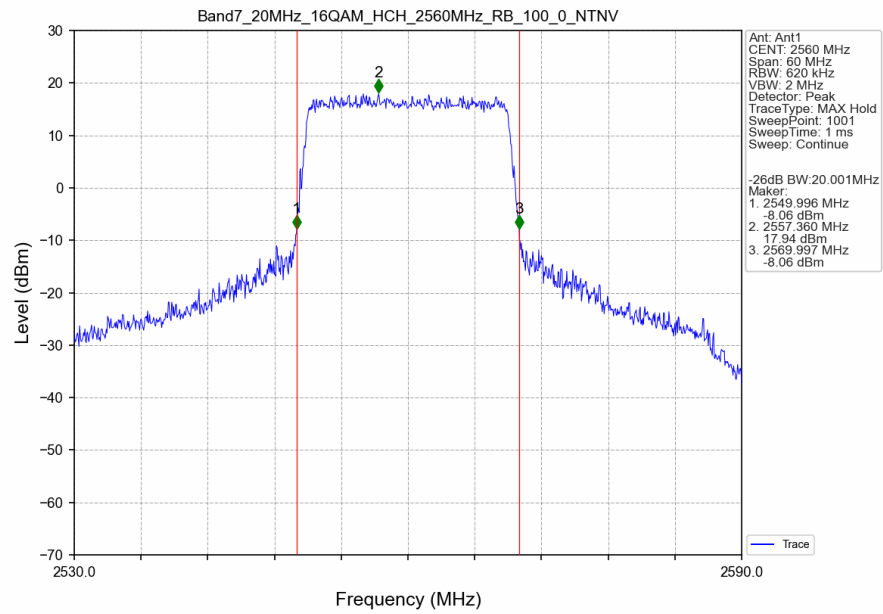
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTN



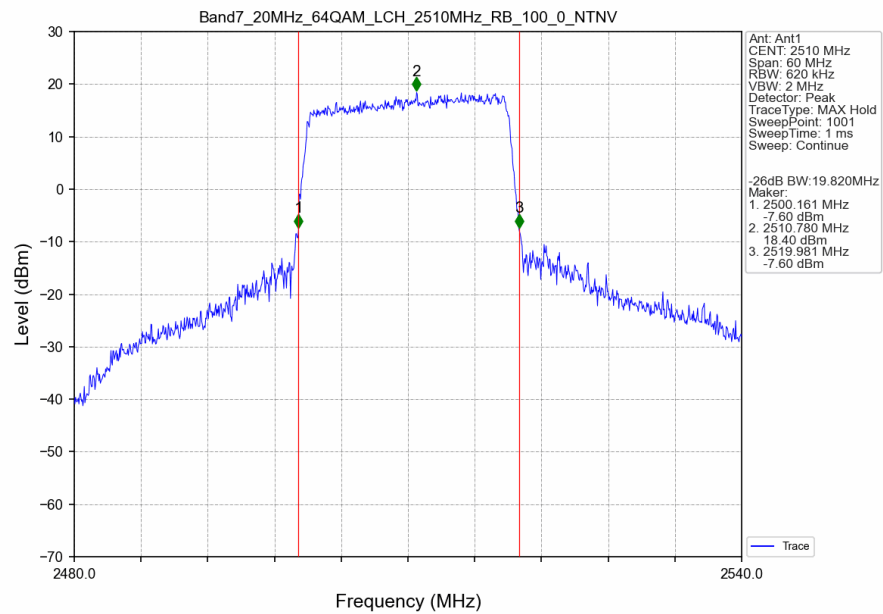
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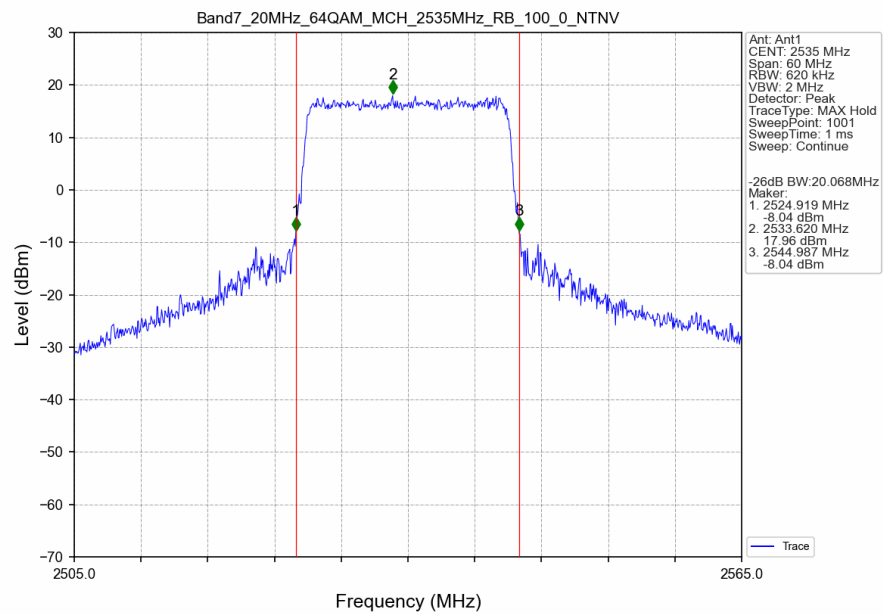
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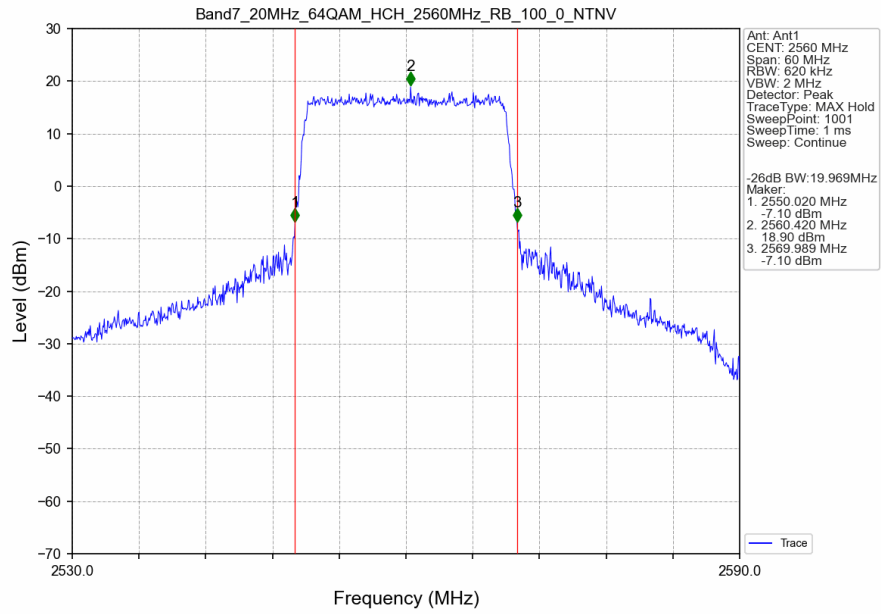
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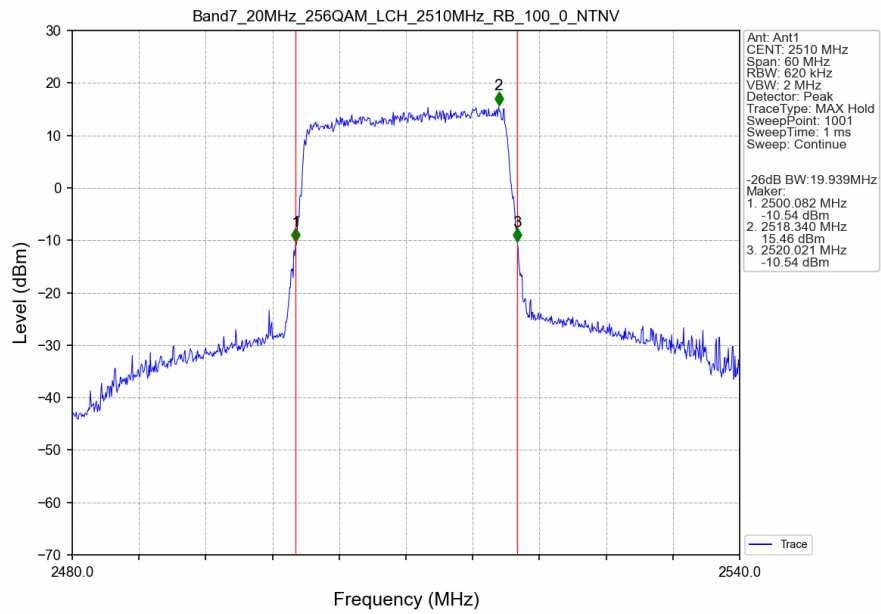
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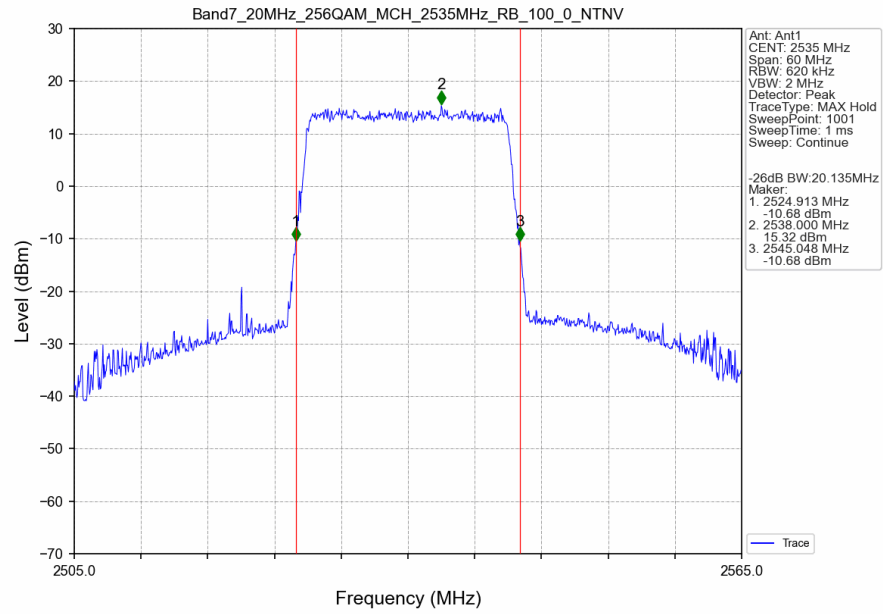
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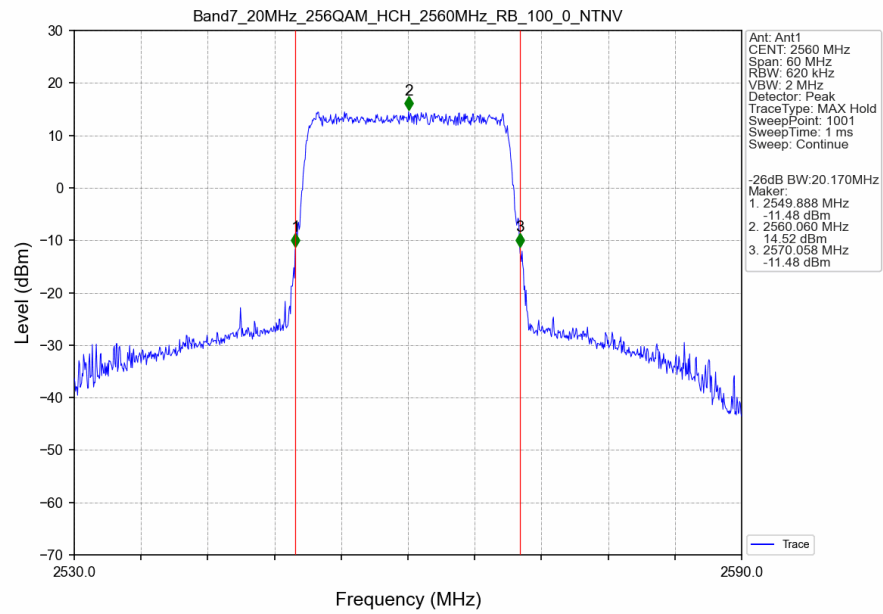
Band7 20MHz 256QAM LCH 2510MHz RB 100 0 NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.41	<=13	Pass
	2535	25	0	5.45	<=13	Pass
	2567.5	25	0	5.42	<=13	Pass
16QAM	2502.5	25	0	6.23	<=13	Pass
	2535	25	0	6.29	<=13	Pass
	2567.5	25	0	6.23	<=13	Pass
64QAM	2502.5	25	0	6.24	<=13	Pass
	2535	25	0	6.28	<=13	Pass
	2567.5	25	0	6.22	<=13	Pass
256QAM	2502.5	25	0	6.74	<=13	Pass
	2535	25	0	6.81	<=13	Pass
	2567.5	25	0	6.80	<=13	Pass

4.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.42	<=13	Pass
	2535	50	0	5.56	<=13	Pass
	2565	50	0	5.50	<=13	Pass
16QAM	2505	50	0	6.20	<=13	Pass
	2535	50	0	6.33	<=13	Pass
	2565	50	0	6.25	<=13	Pass
64QAM	2505	50	0	6.19	<=13	Pass
	2535	50	0	6.30	<=13	Pass
	2565	50	0	6.25	<=13	Pass
256QAM	2505	50	0	6.71	<=13	Pass
	2535	50	0	6.78	<=13	Pass
	2565	50	0	6.78	<=13	Pass

4.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.26	<=13	Pass
	2535	75	0	5.42	<=13	Pass
	2562.5	75	0	5.36	<=13	Pass
16QAM	2507.5	75	0	6.07	<=13	Pass
	2535	75	0	6.23	<=13	Pass

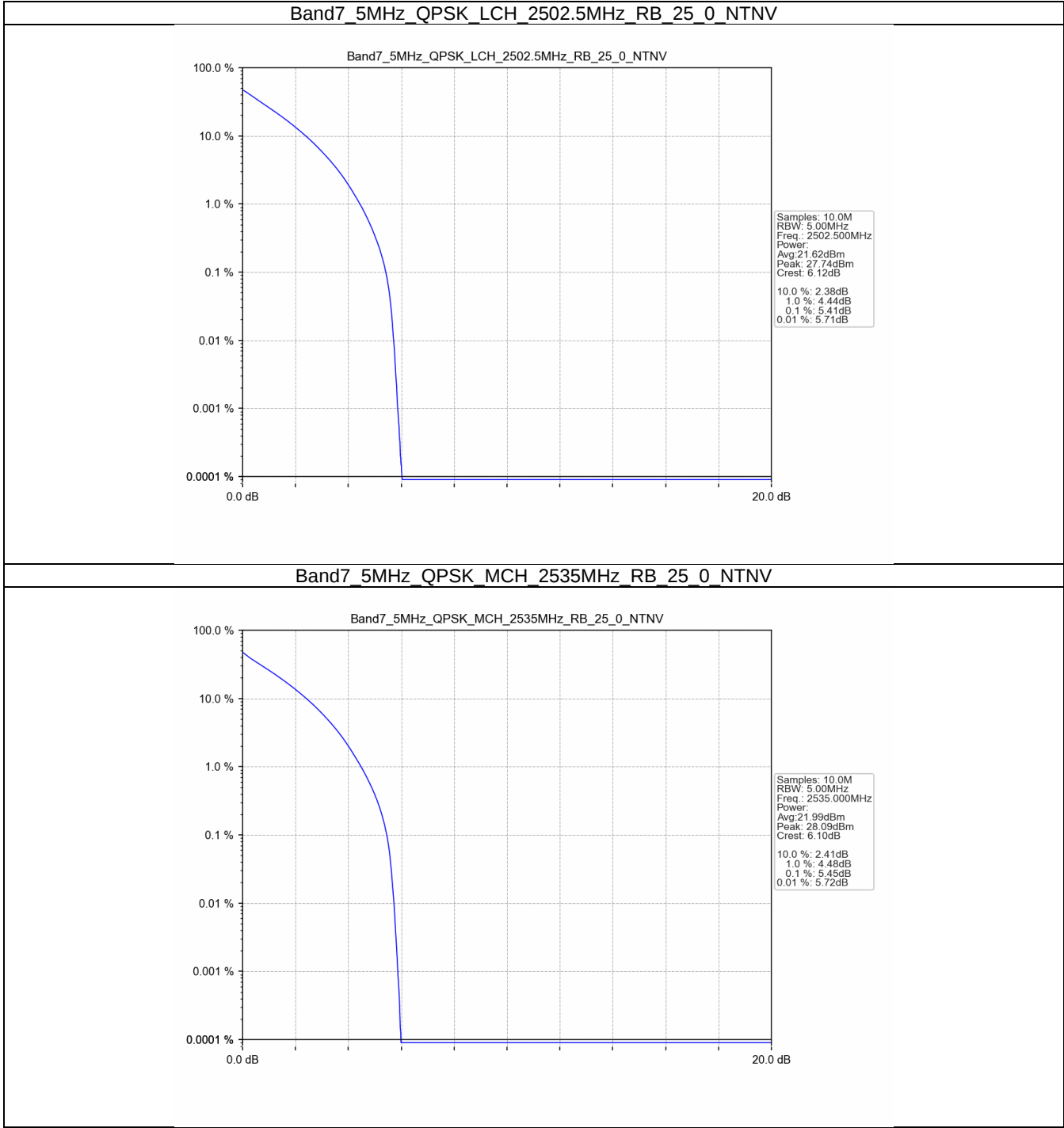
	2562.5	75	0	6.17	<=13	Pass
64QAM	2507.5	75	0	6.08	<=13	Pass
	2535	75	0	6.23	<=13	Pass
	2562.5	75	0	6.16	<=13	Pass
	2507.5	75	0	6.72	<=13	Pass
256QAM	2535	75	0	6.77	<=13	Pass
	2562.5	75	0	6.77	<=13	Pass

4.1.4 B7_20MHz

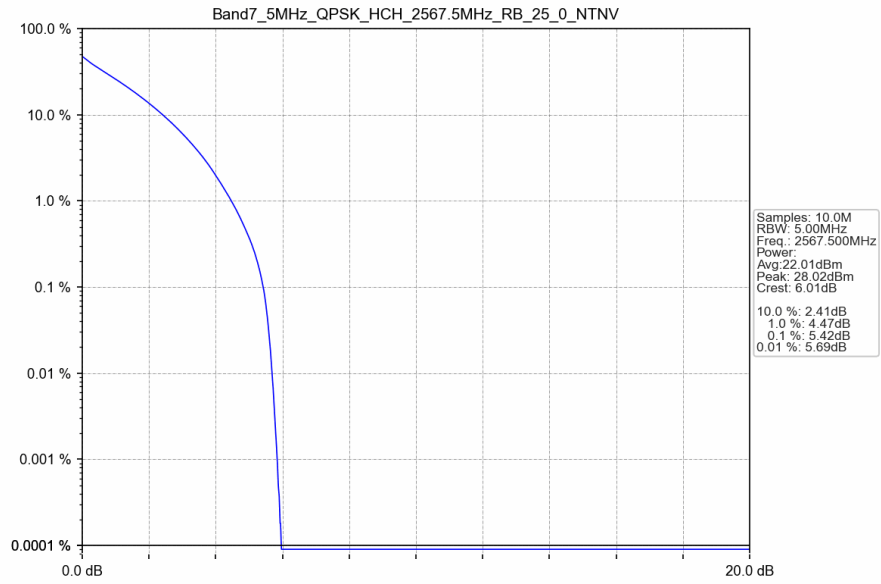
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.15	<=13	Pass
	2535	100	0	5.39	<=13	Pass
	2560	100	0	5.29	<=13	Pass
16QAM	2510	100	0	6.00	<=13	Pass
	2535	100	0	6.21	<=13	Pass
	2560	100	0	6.14	<=13	Pass
64QAM	2510	100	0	6.00	<=13	Pass
	2535	100	0	6.21	<=13	Pass
	2560	100	0	6.14	<=13	Pass
256QAM	2510	100	0	6.69	<=13	Pass
	2535	100	0	6.77	<=13	Pass
	2560	100	0	6.74	<=13	Pass

4.2 Test Graph

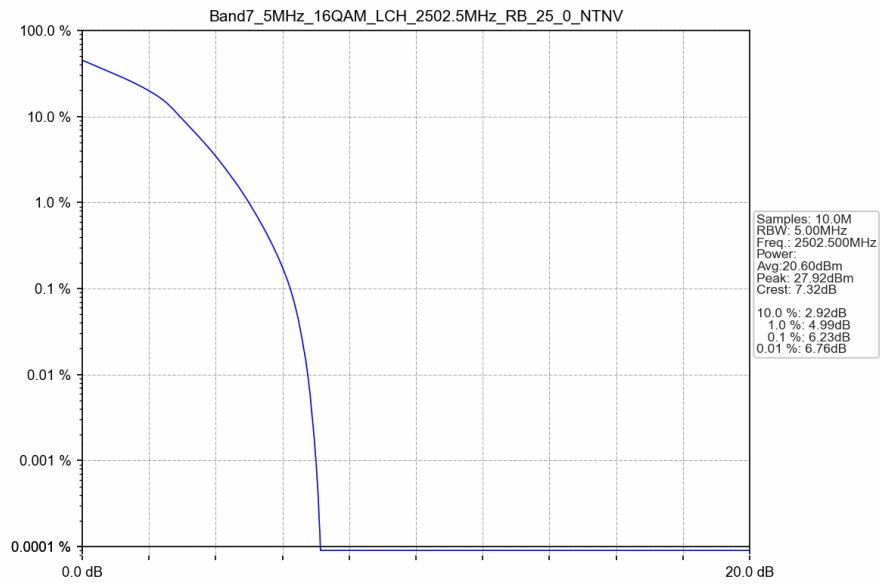
4.2.1 B7_5MHz



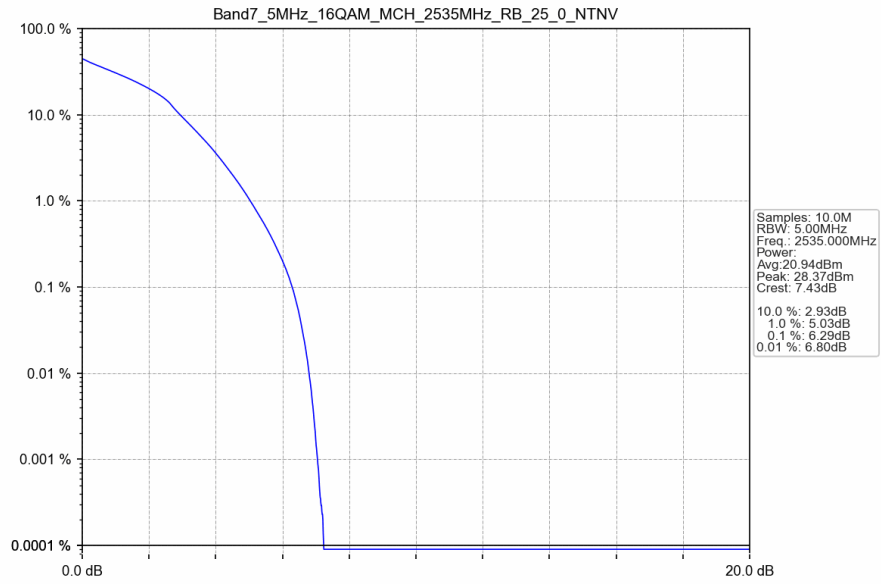
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



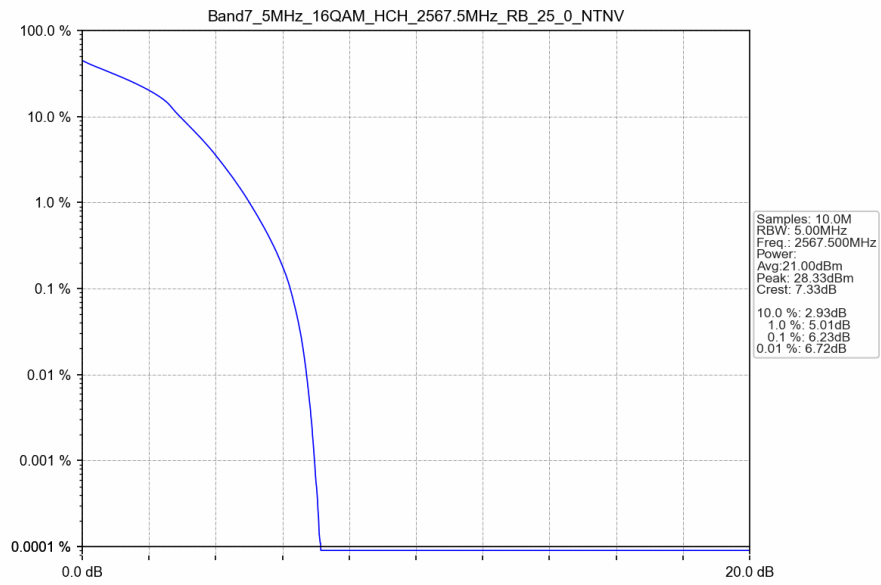
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



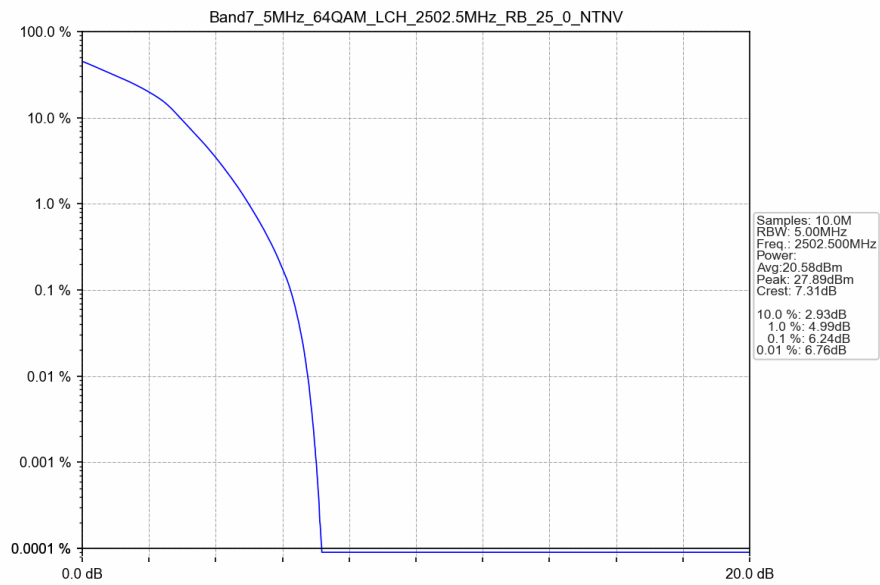
Band7 5MHz 16QAM MCH 2535MHz RB 25_0 NTN



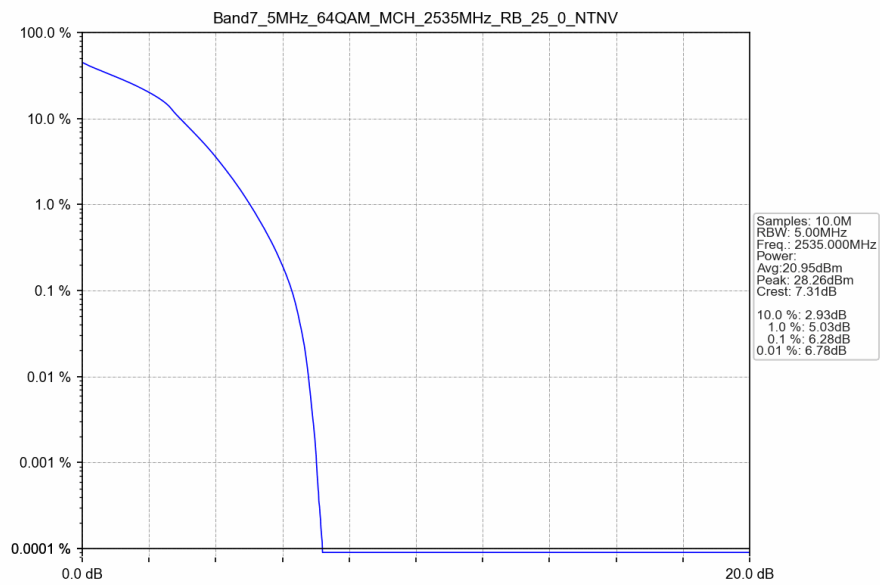
Band7 5MHz 16QAM HCH 2567.5MHz RB 25_0 NTN



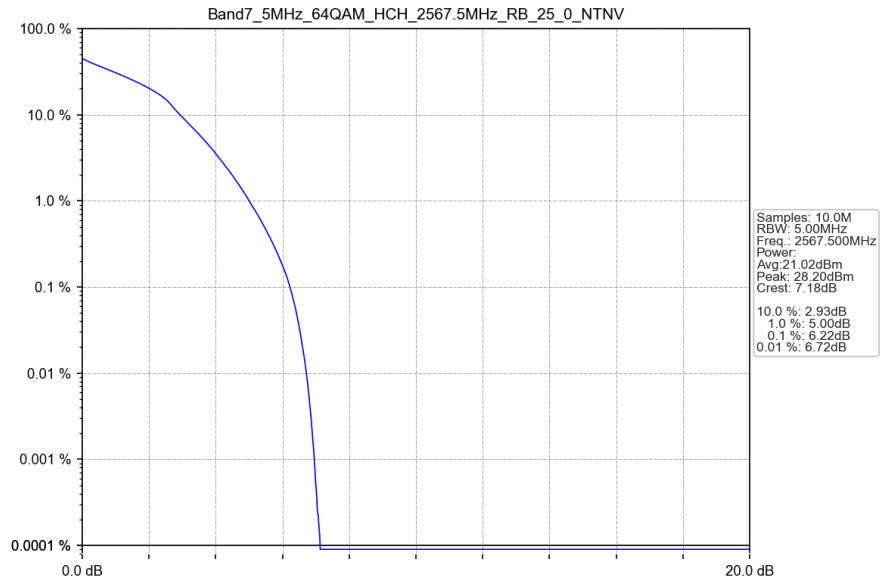
Band7 5MHz 64QAM LCH 2502.5MHz RB 25 0 NTV



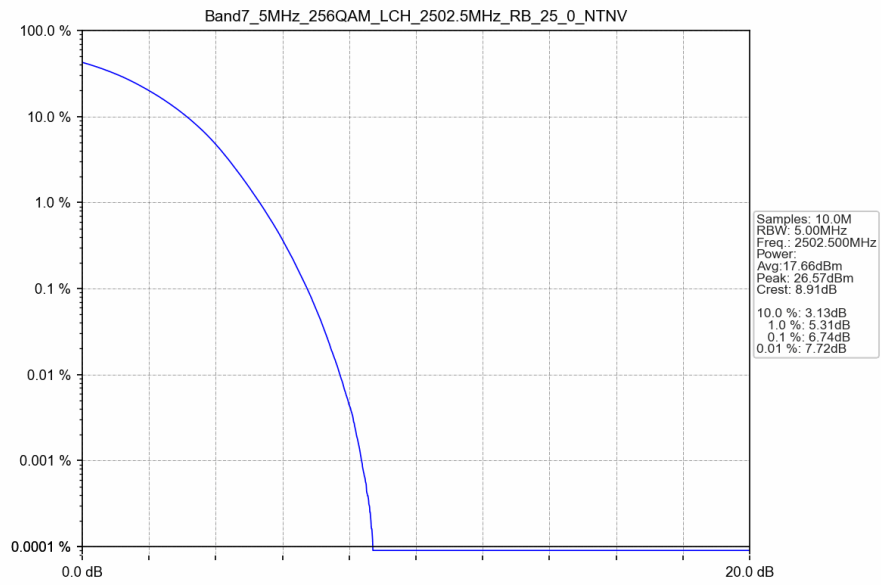
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTV



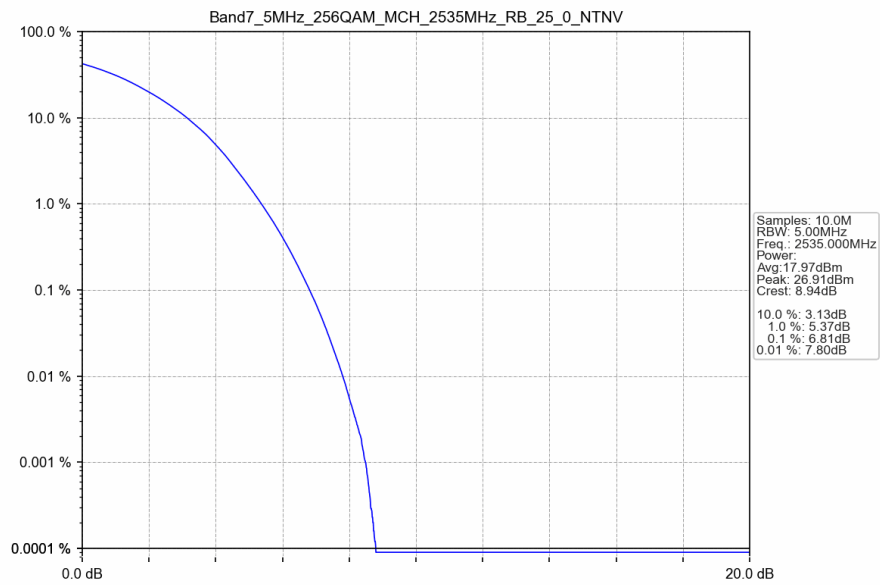
Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTV



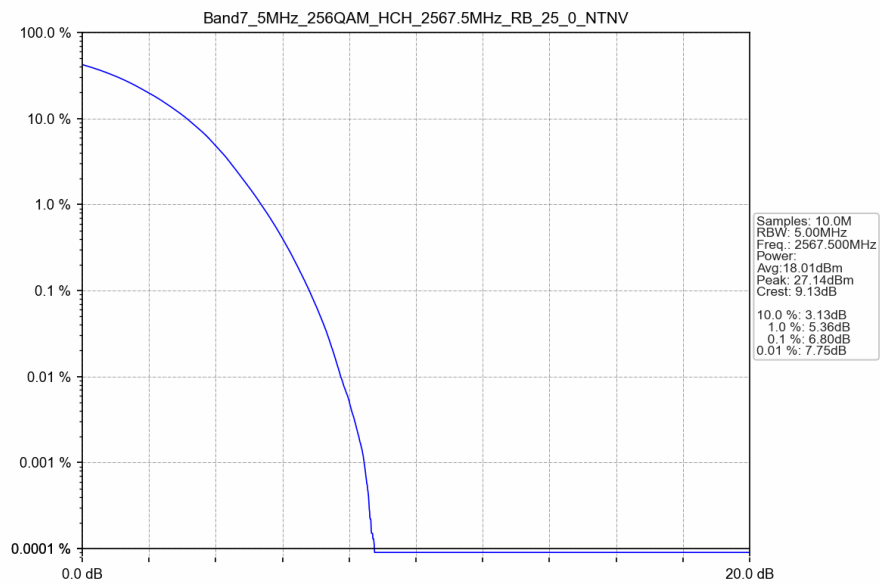
Band7 5MHz 256QAM LCH 2502.5MHz RB 25 0 NTV



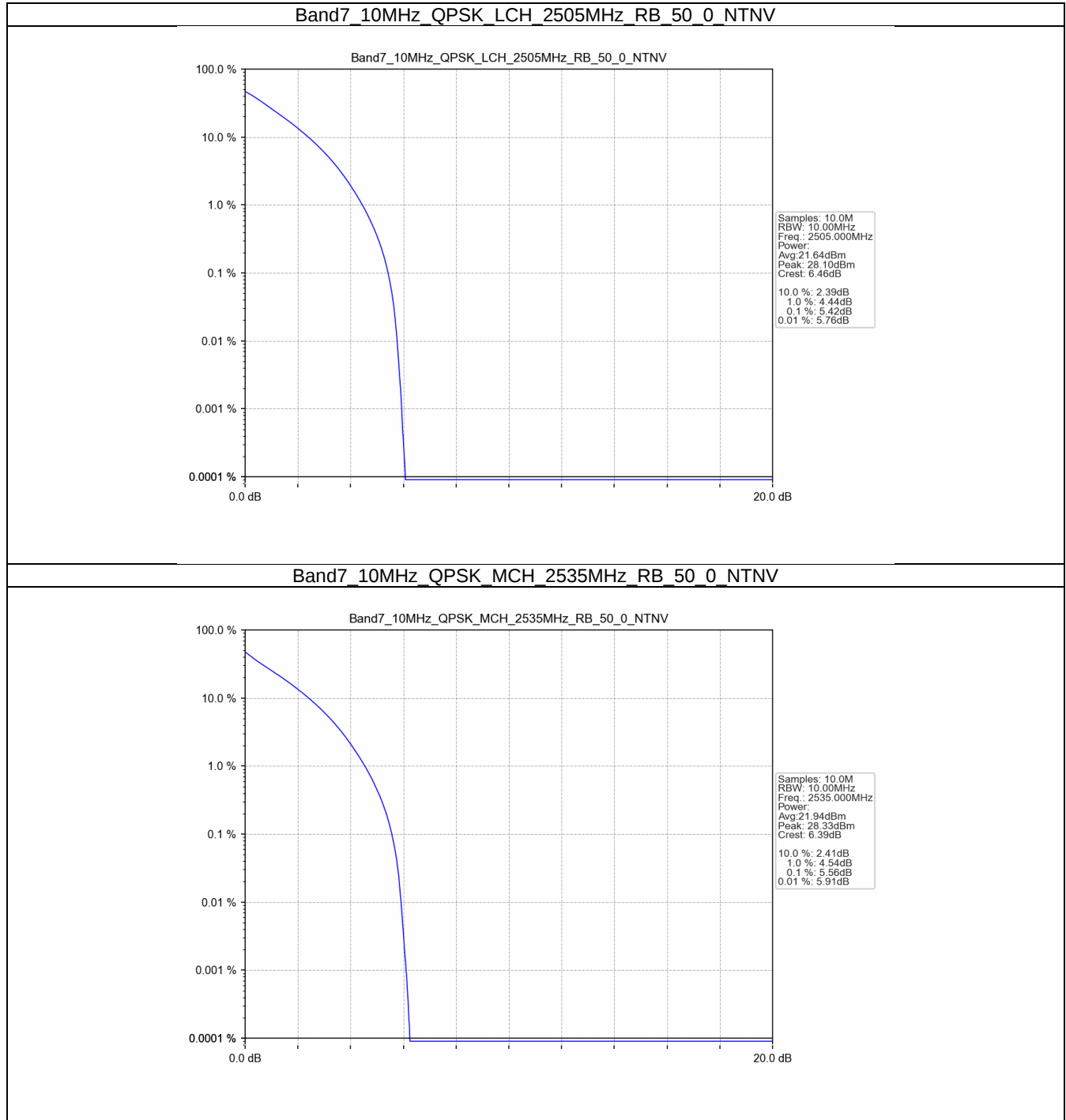
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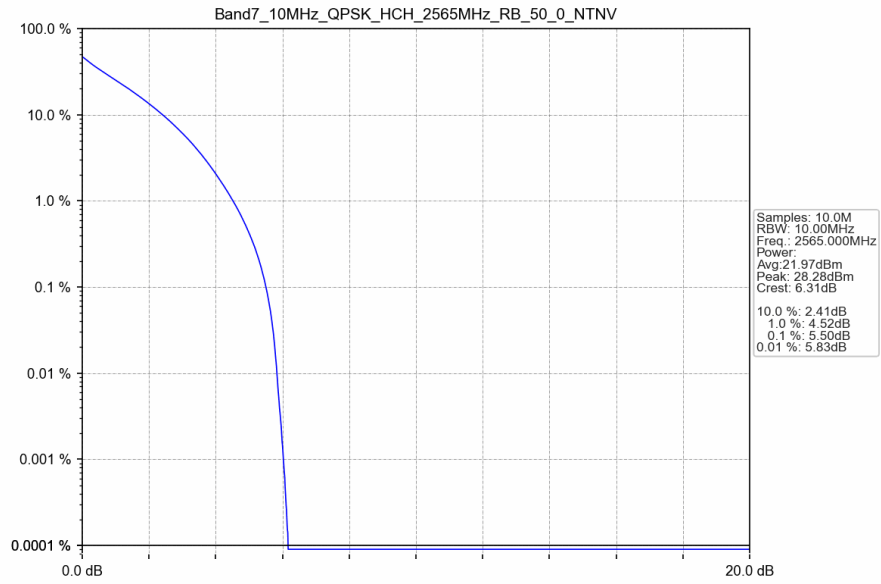
Band7_5MHz_256QAM_HCH_2567.5MHz_RB_25_0_NTNV



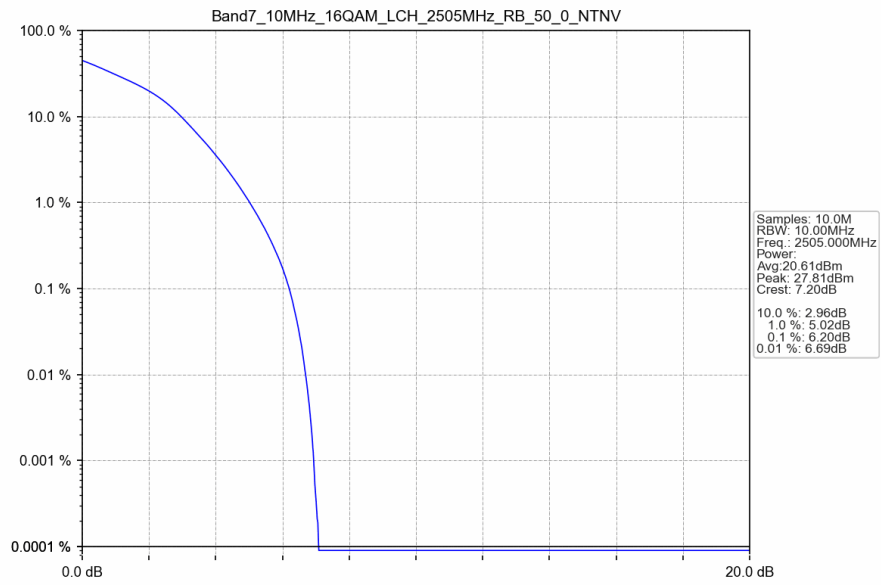
4.2.2 B7_10MHz



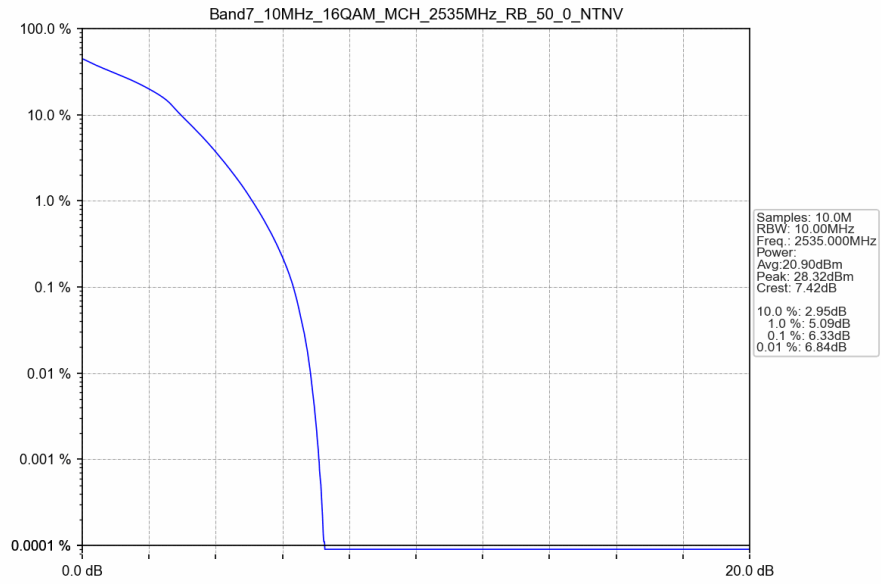
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



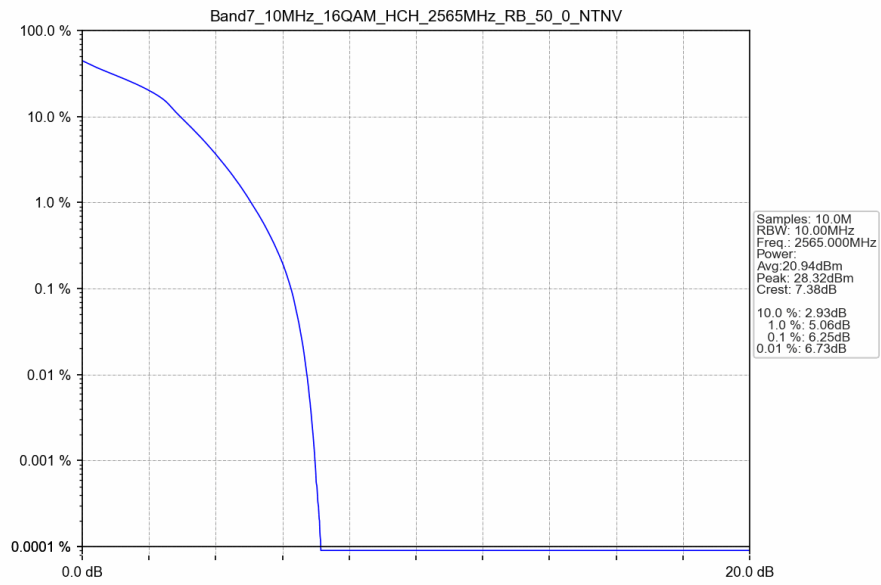
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



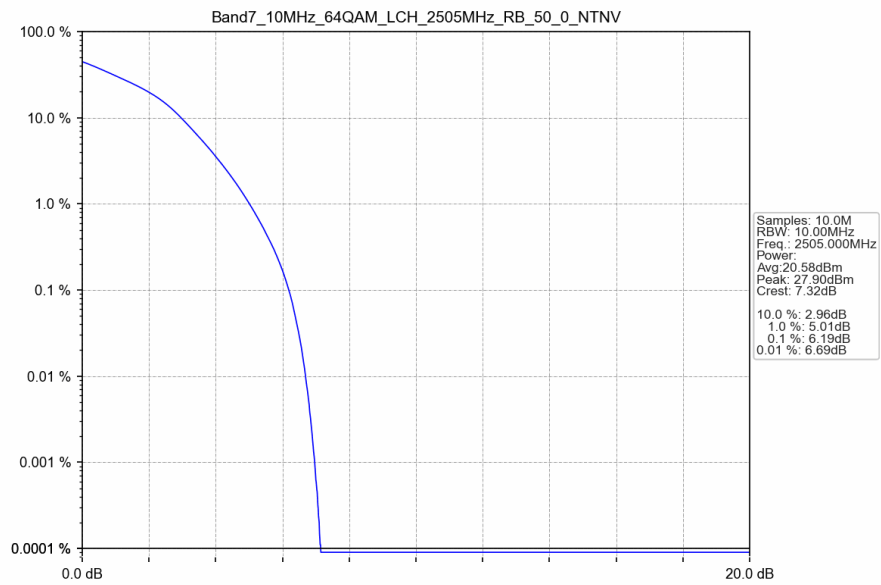
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



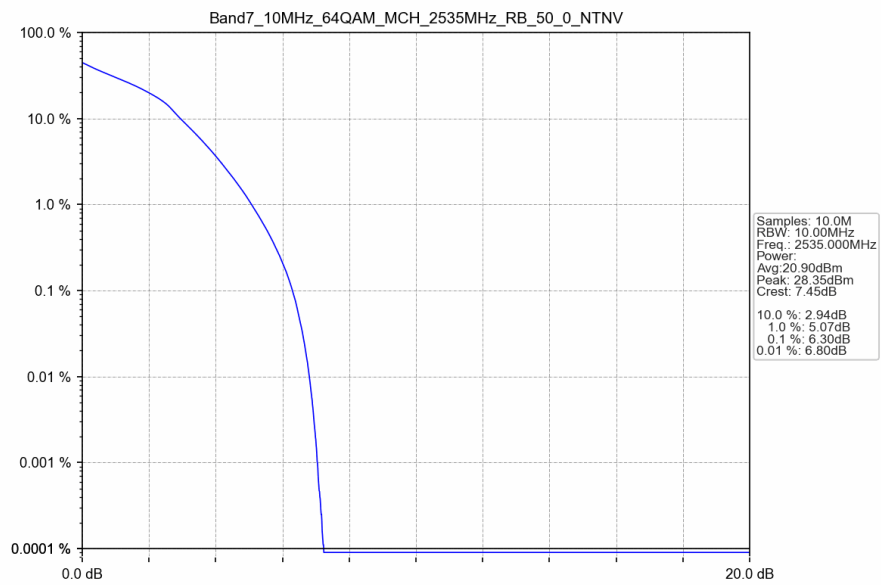
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



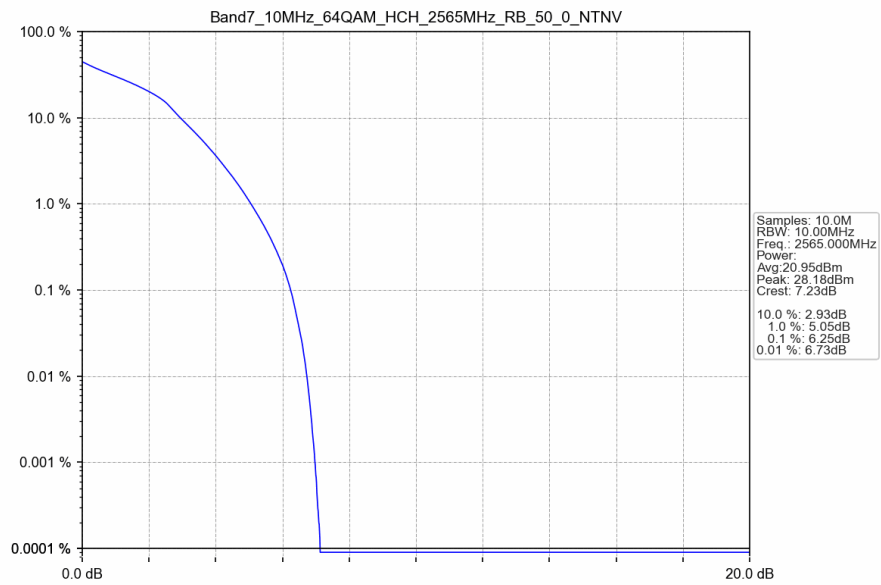
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



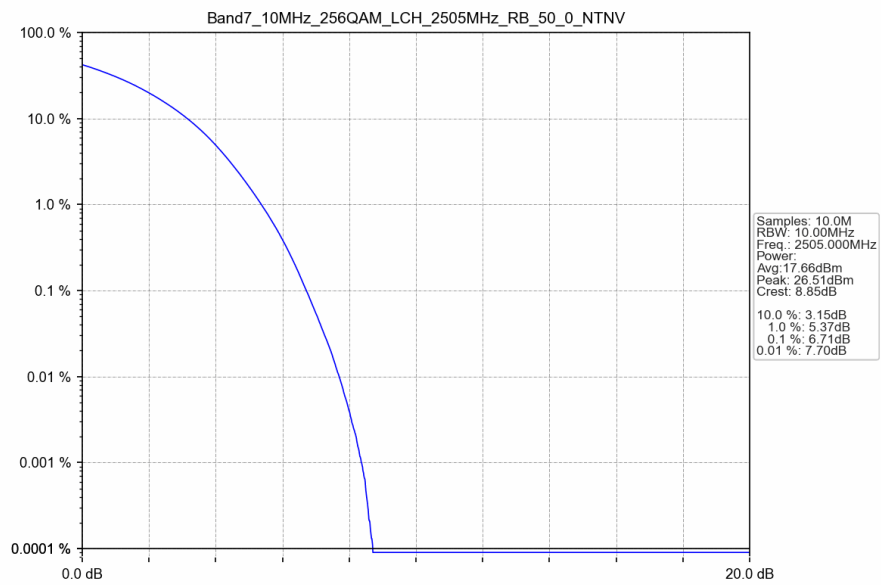
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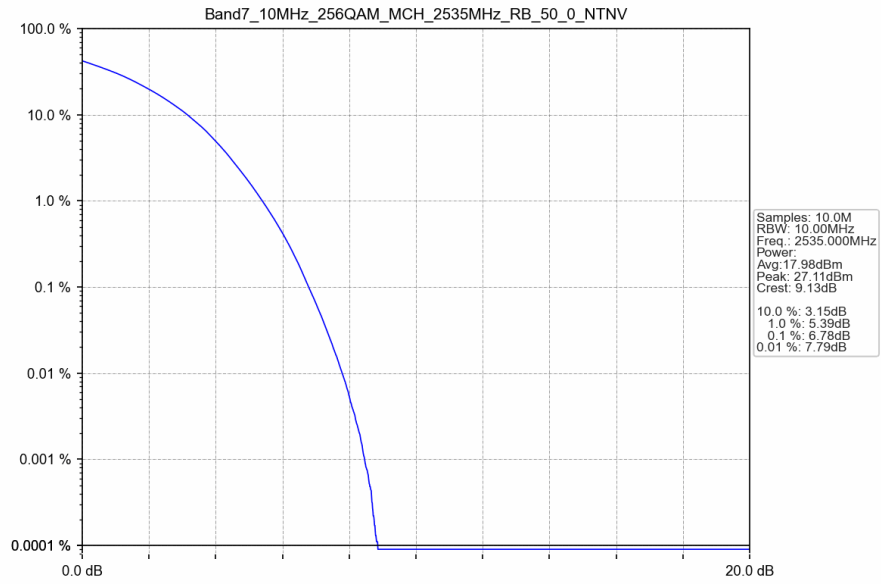
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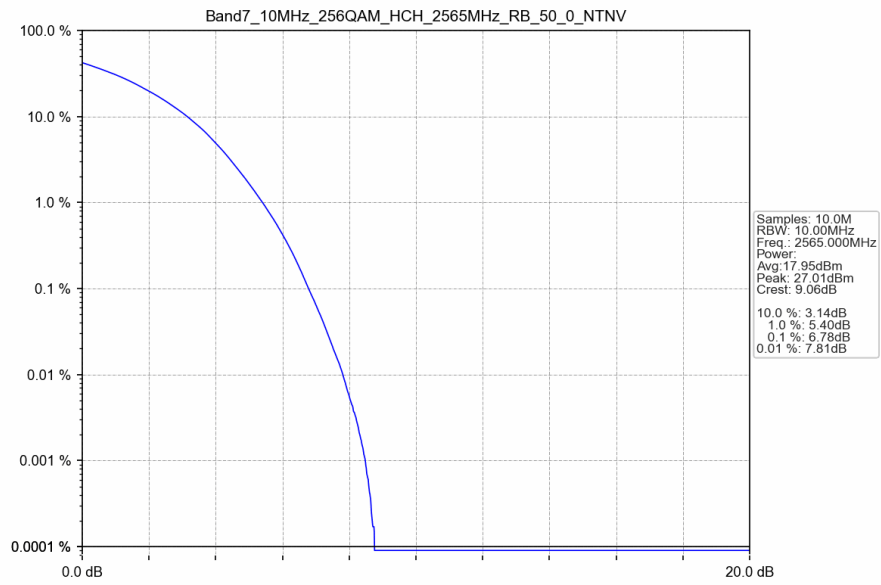
Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



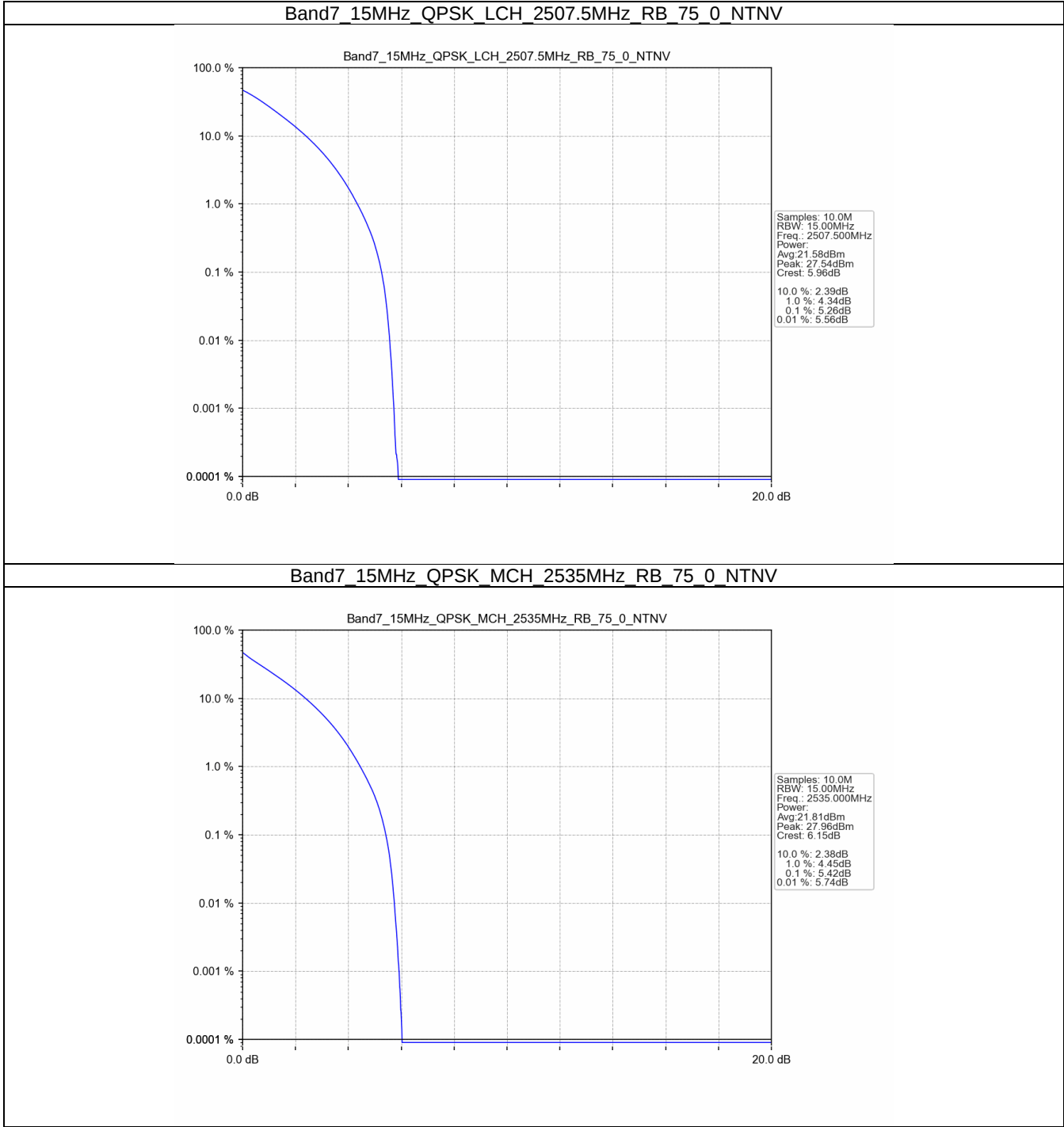
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



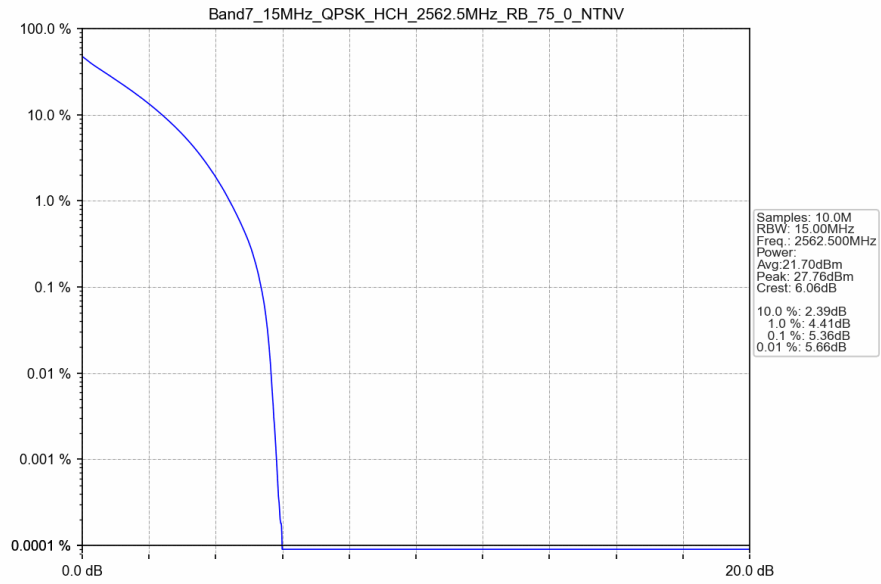
Band7 10MHz 256QAM HCH 2565MHz RB 50 0 NTN



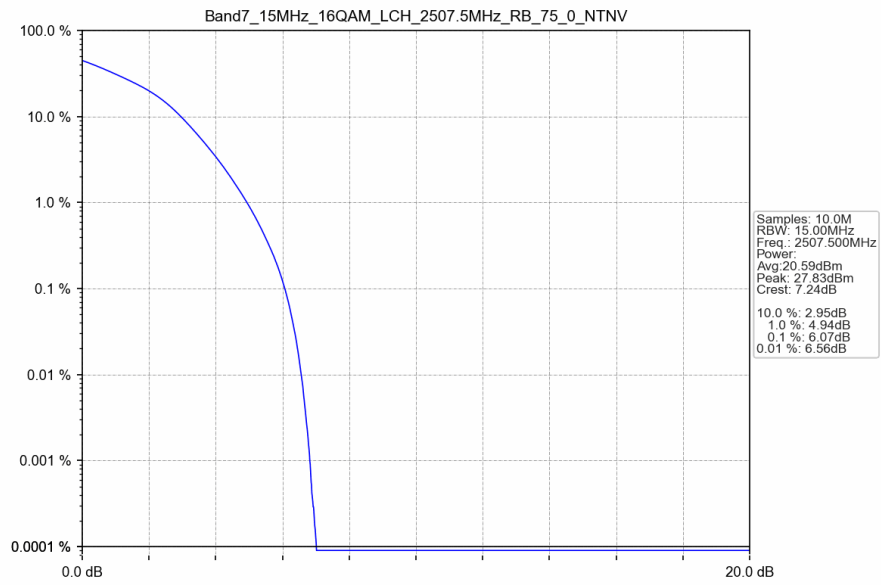
4.2.3 B7_15MHz



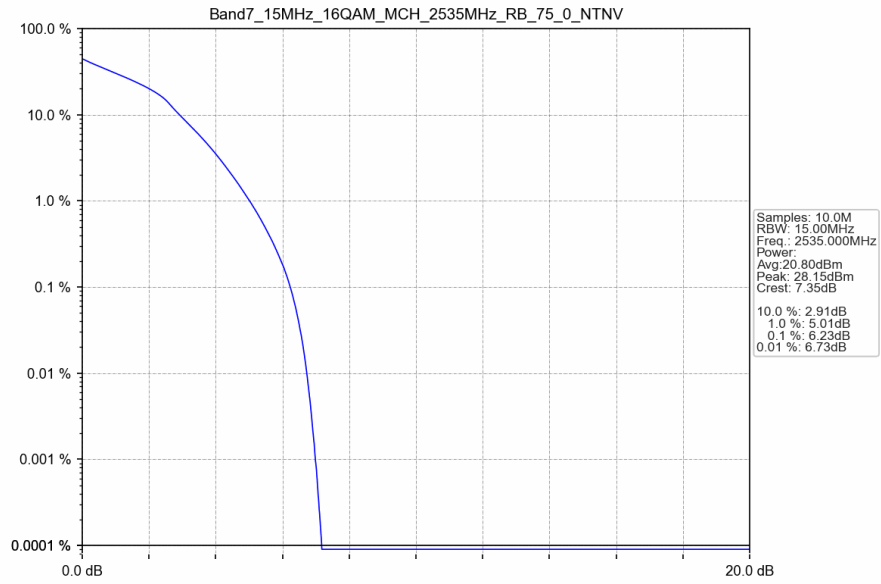
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



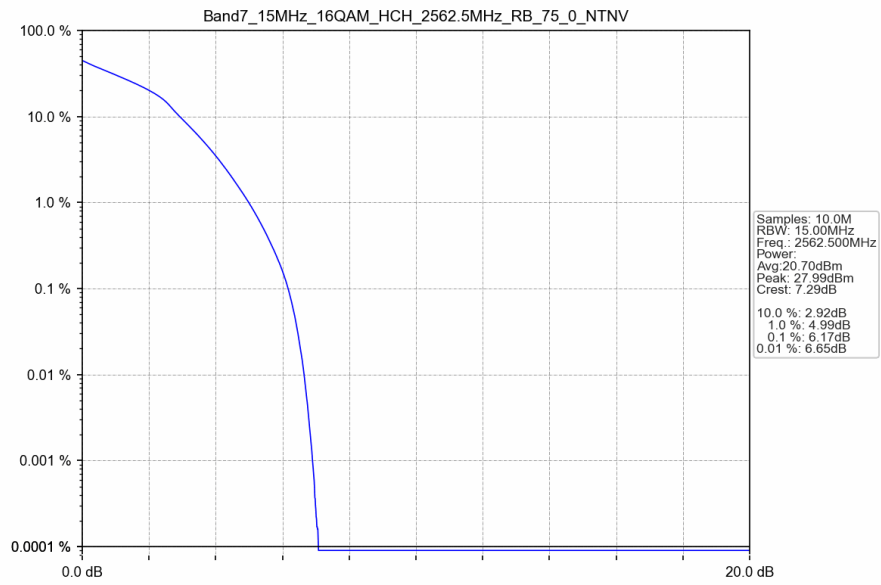
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



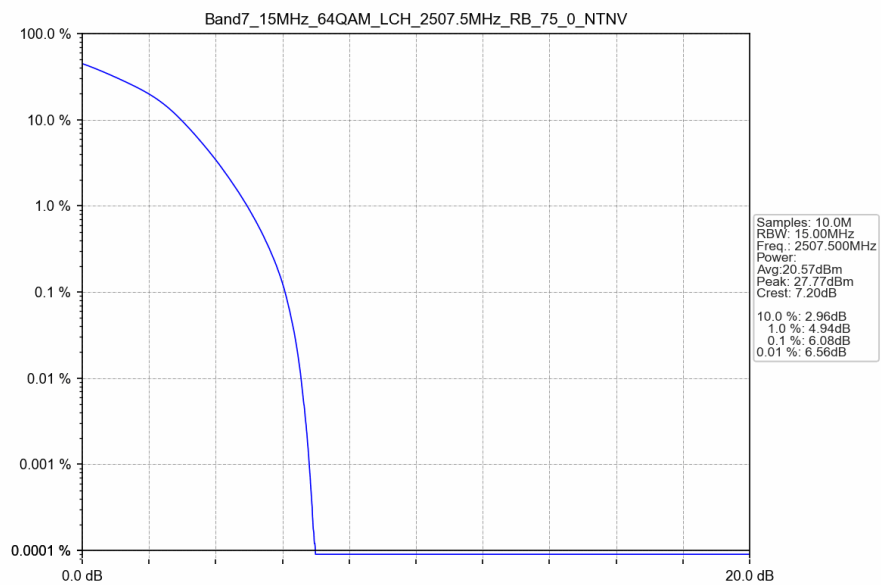
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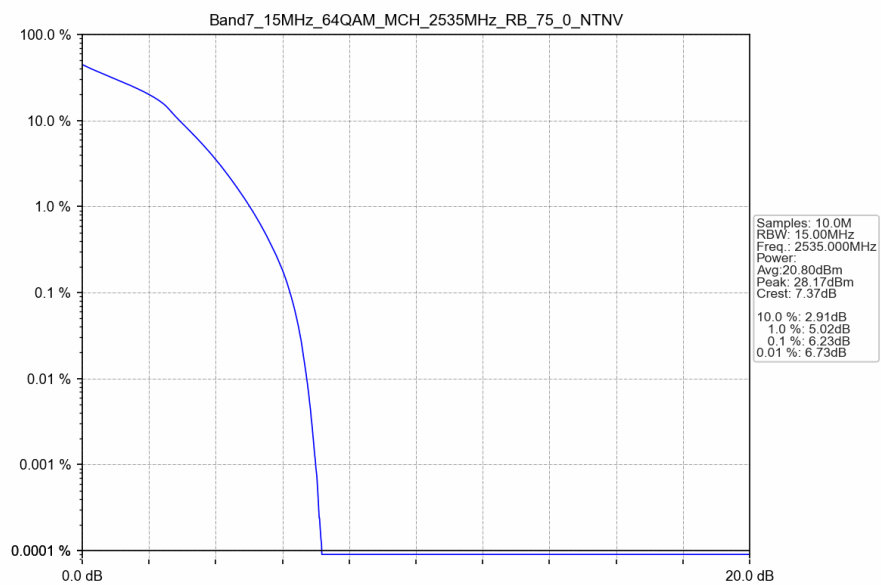
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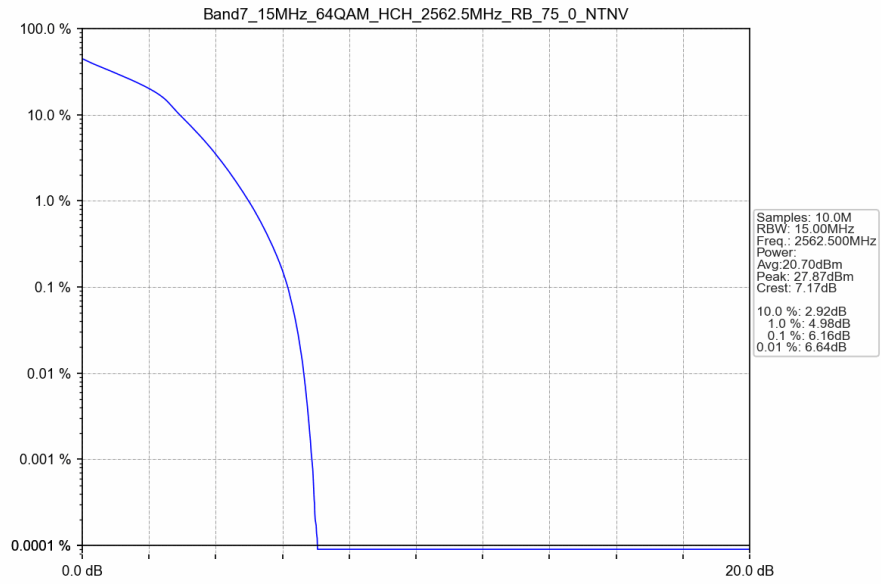
Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTNV



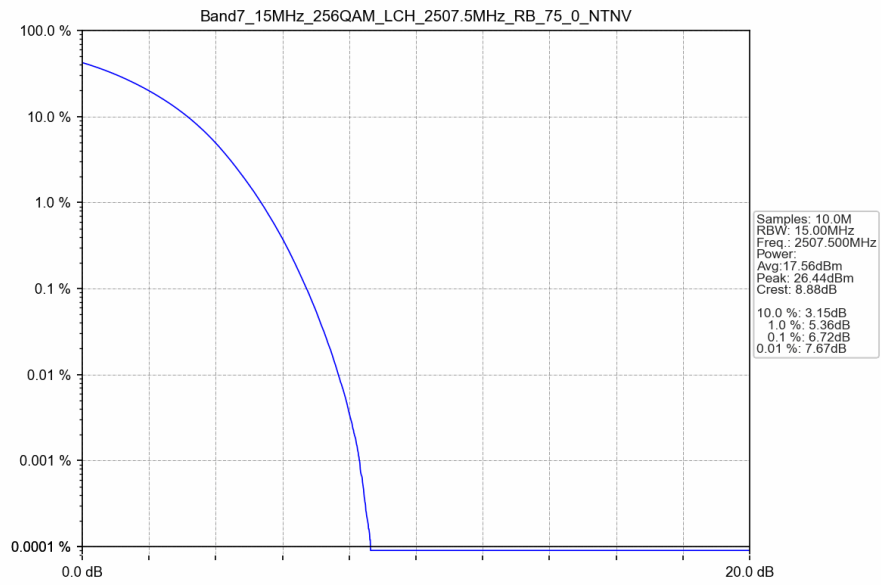
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



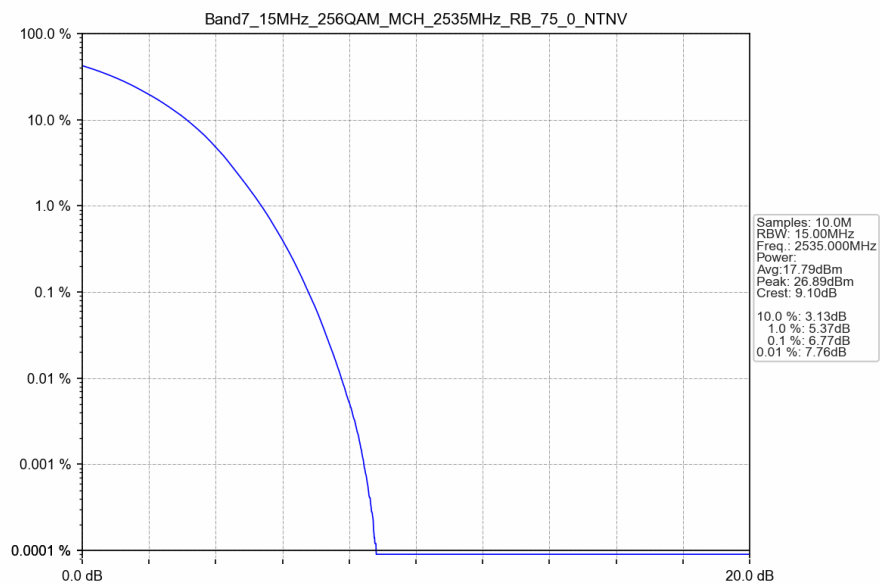
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



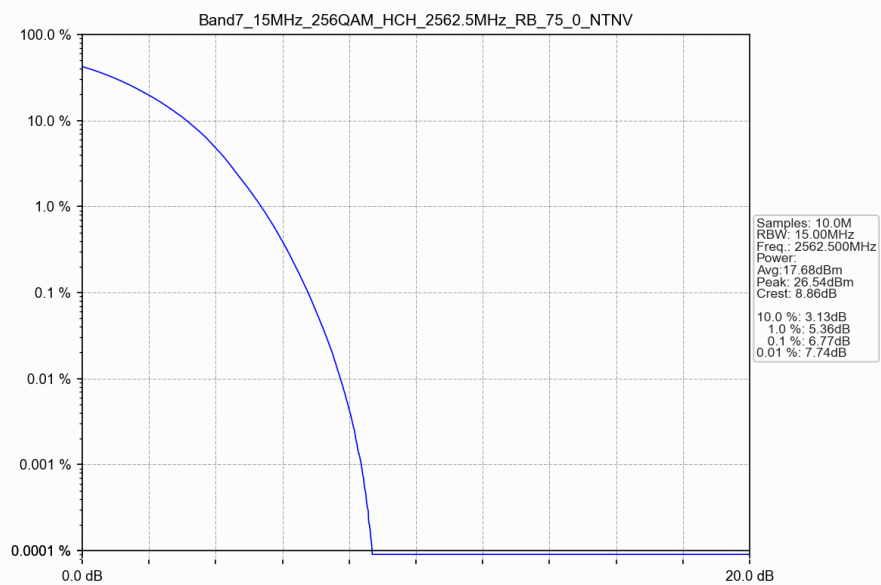
Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



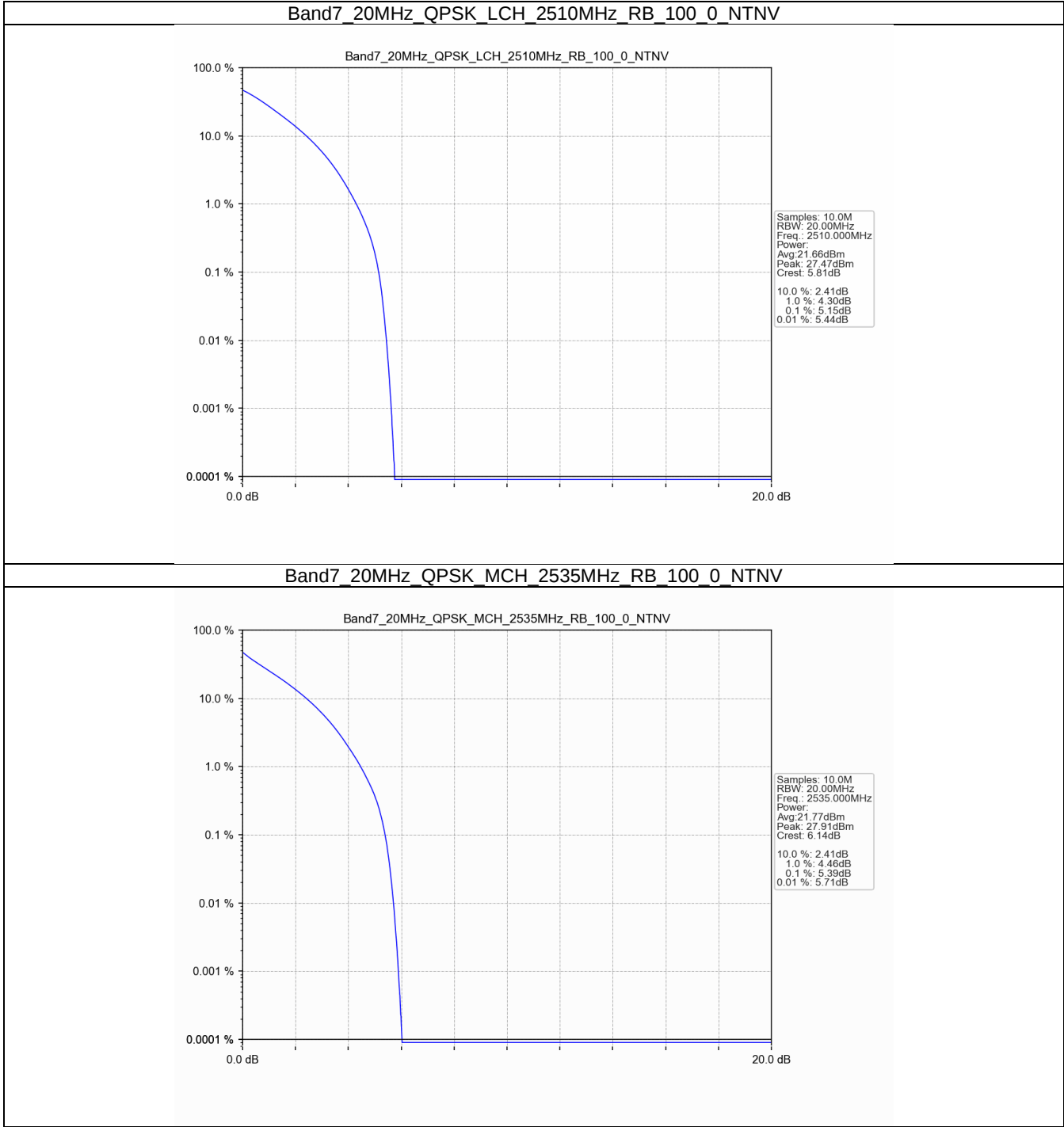
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



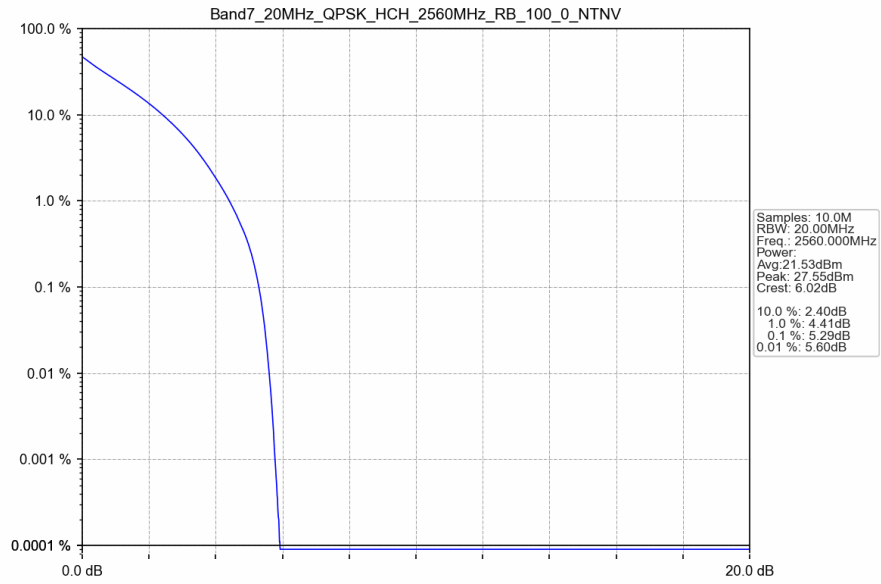
Band7_15MHz_256QAM_HCH_2562.5MHz_RB_75_0_NTNV



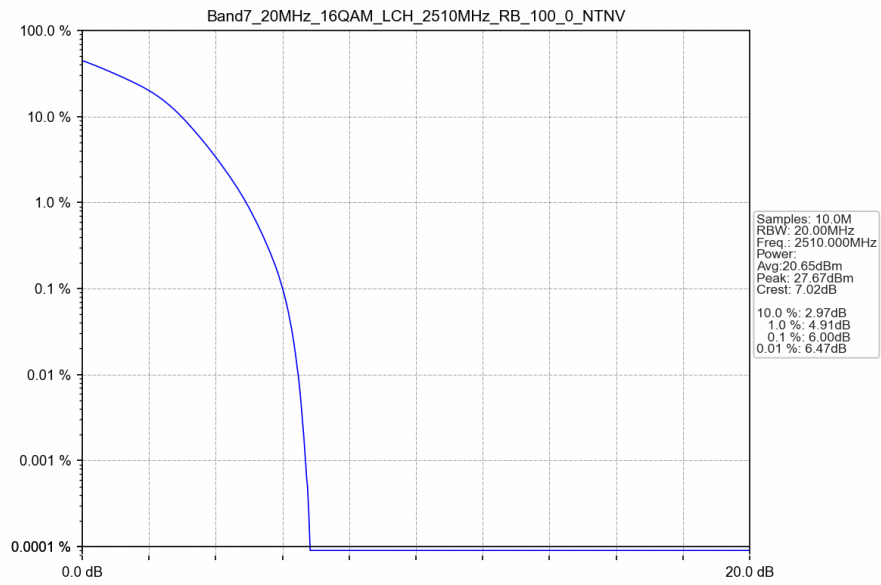
4.2.4 B7_20MHz



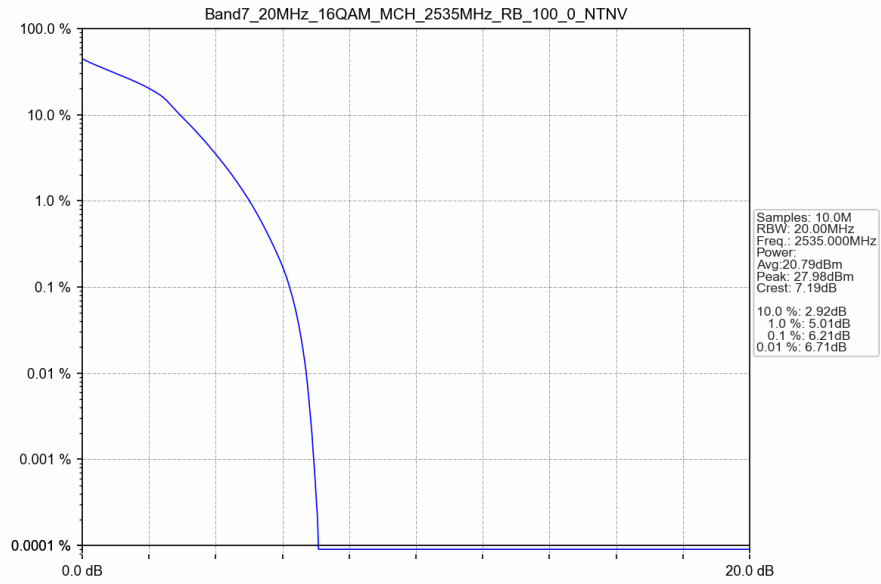
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTN



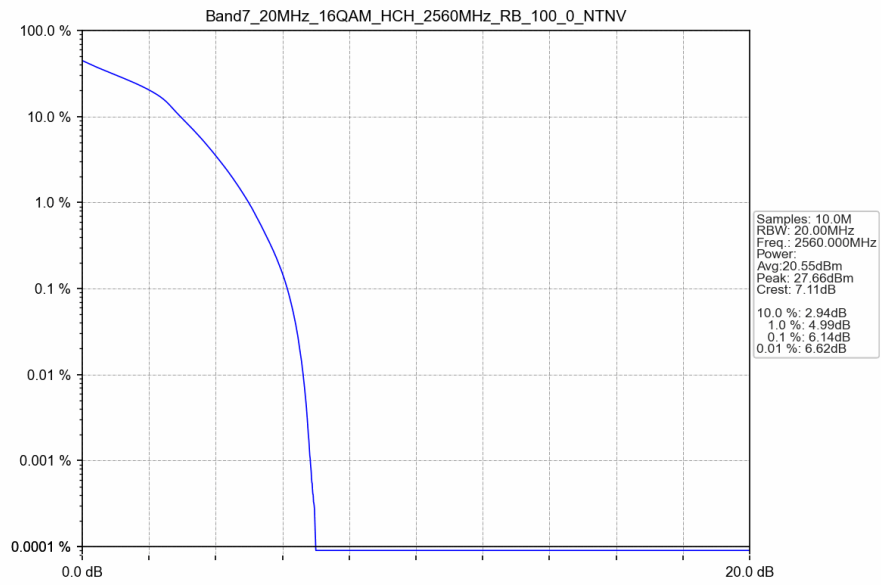
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTN



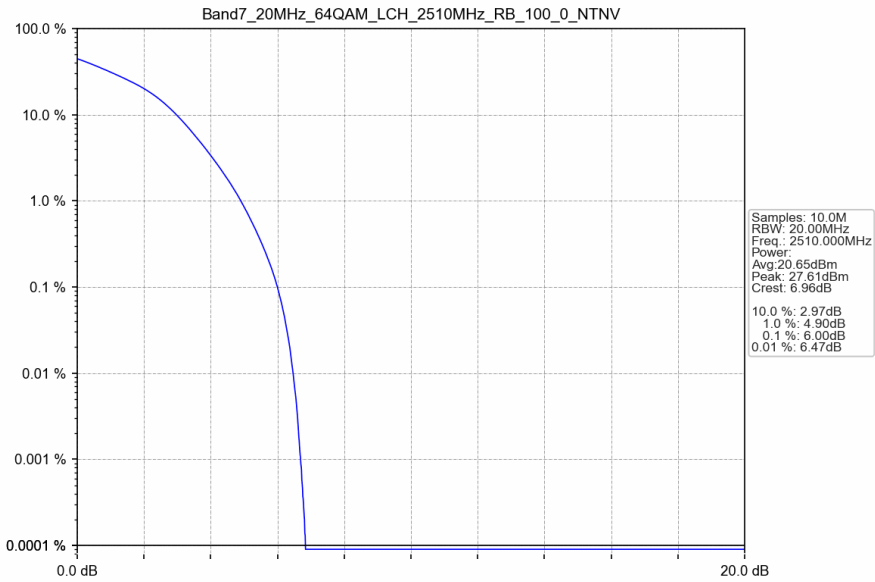
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



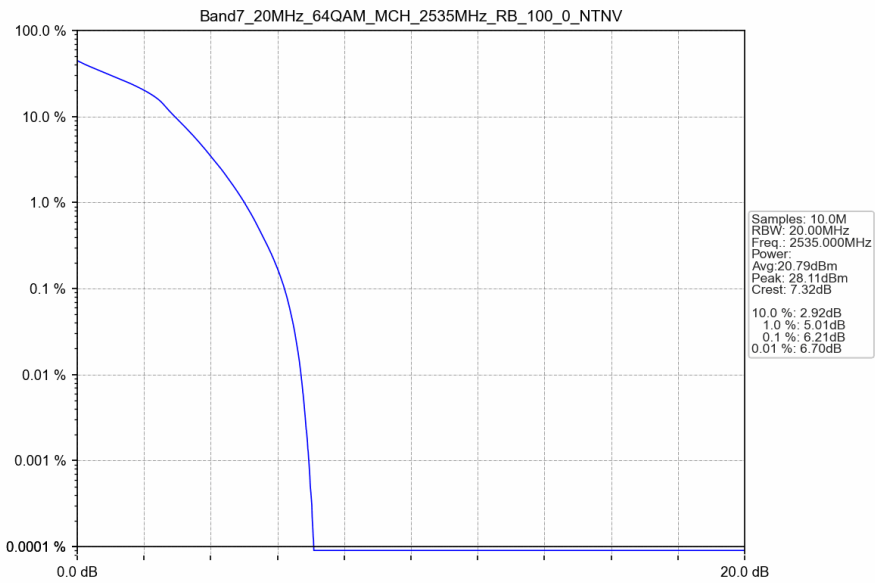
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



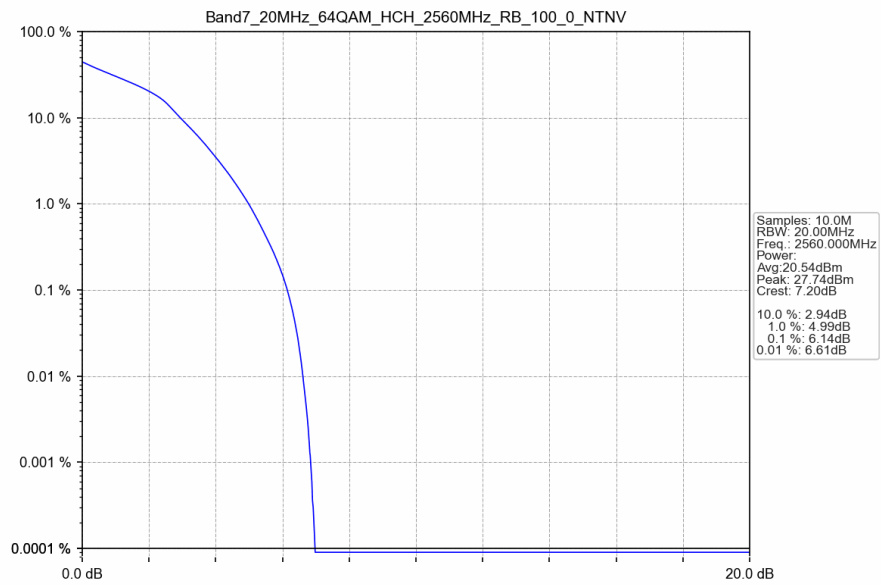
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTN



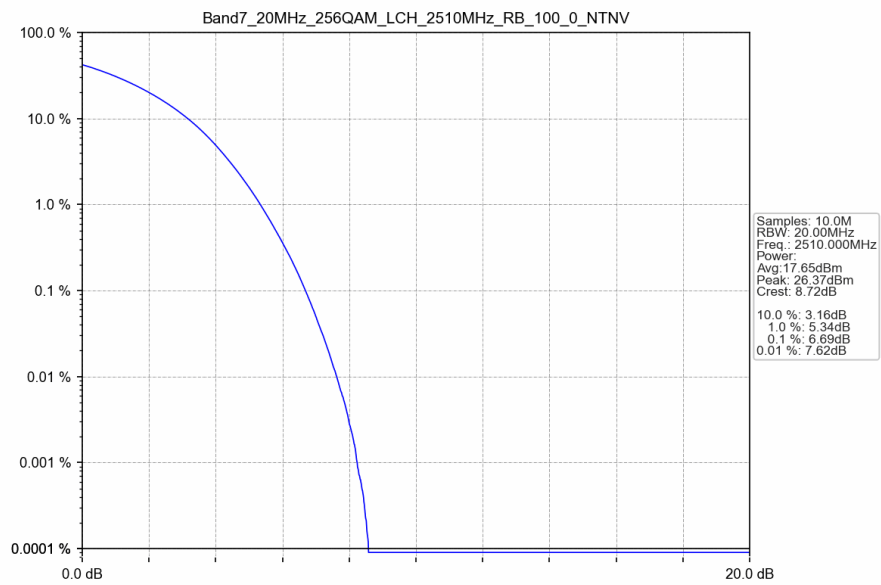
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTN



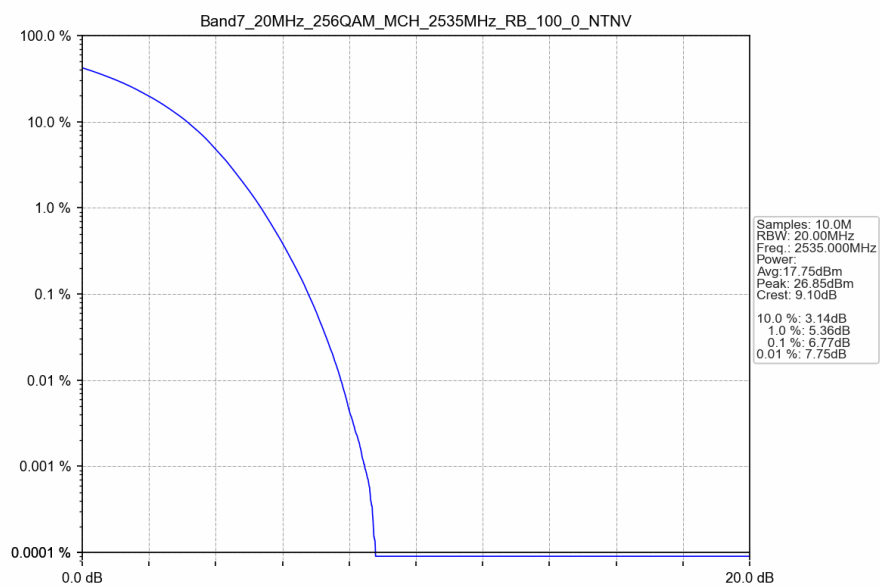
Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTNV



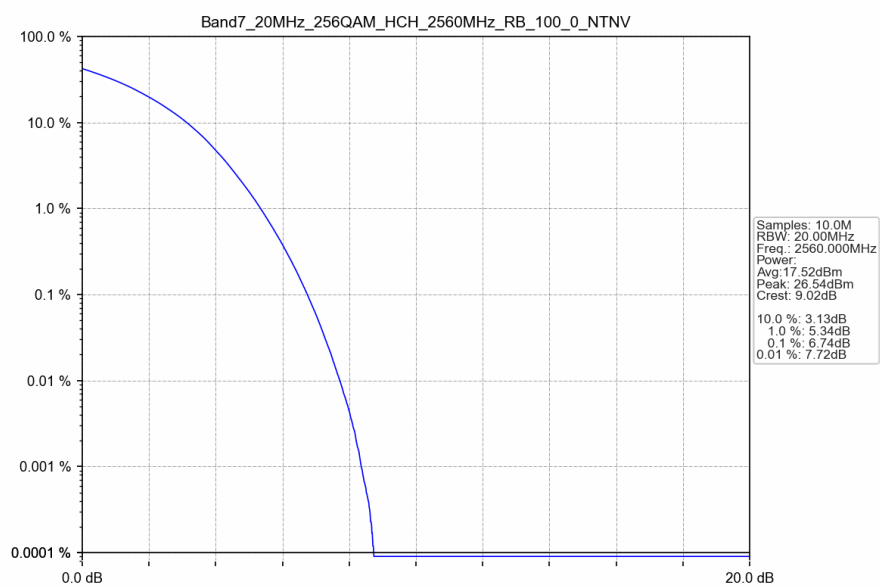
Band7 20MHz 256QAM LCH 2510MHz RB 100 0 NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
		2567.5	1	0	Refer To Test Graph	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

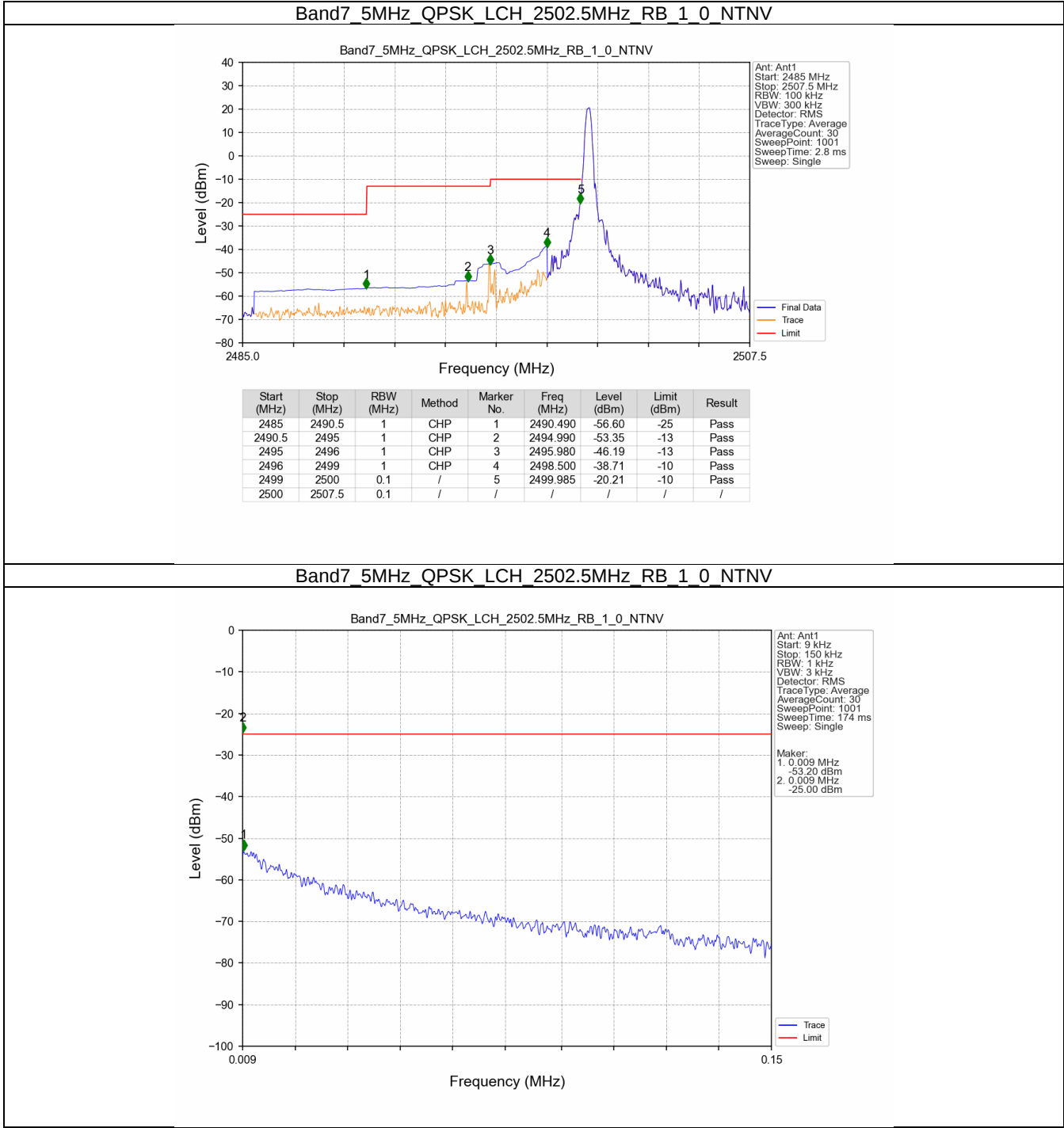
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass

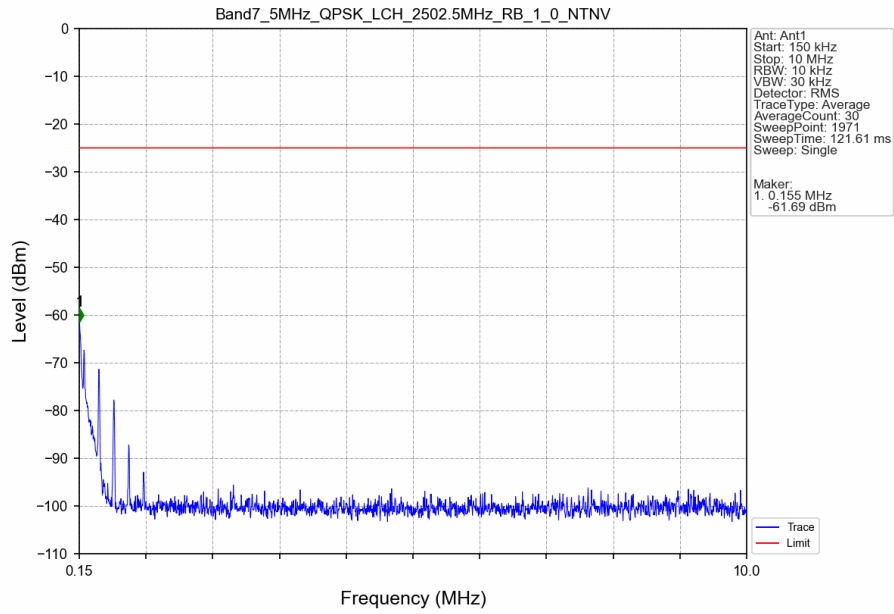
	2560	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

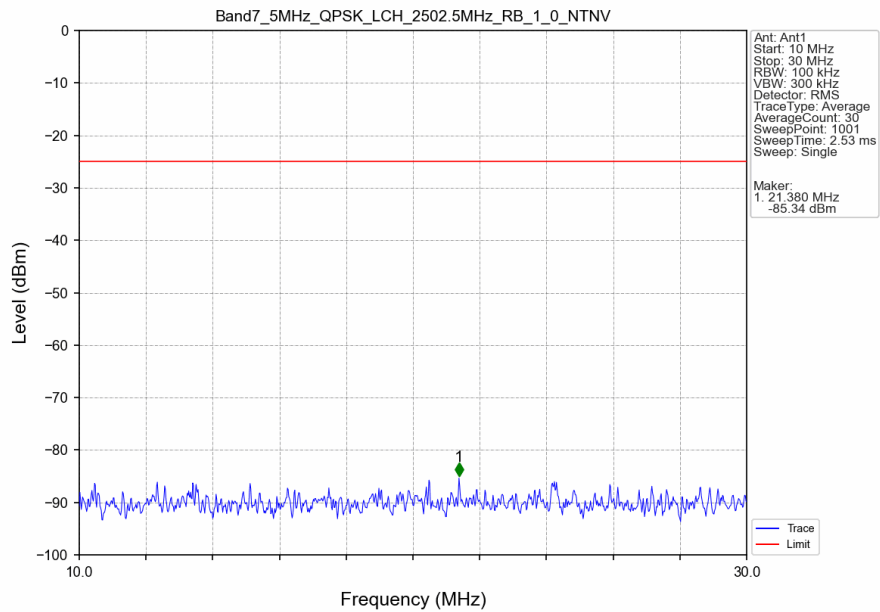
5.2.1 B7_5MHz



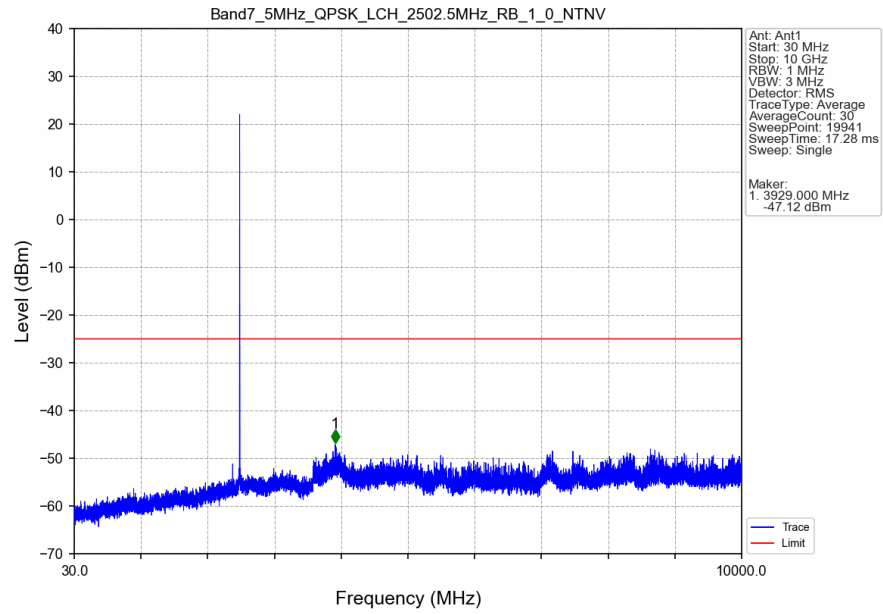
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



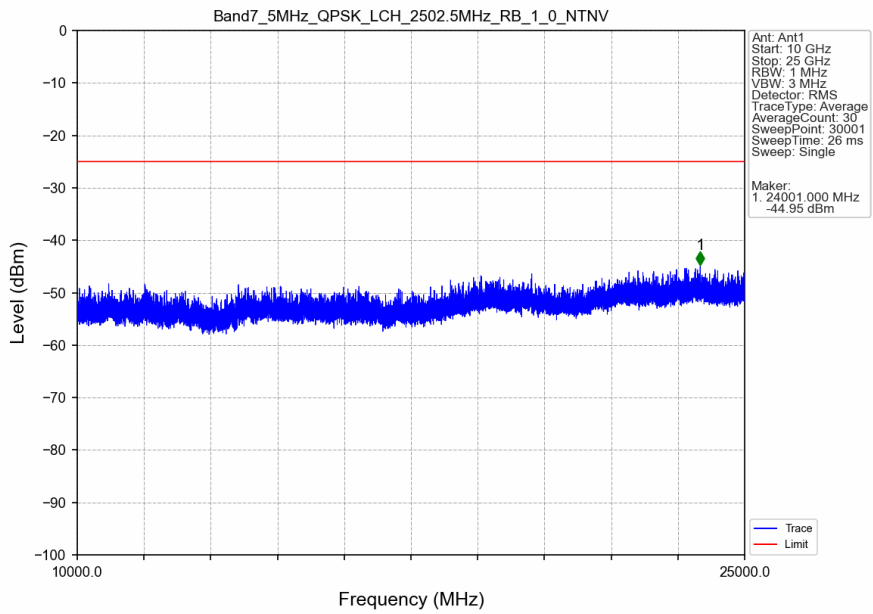
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



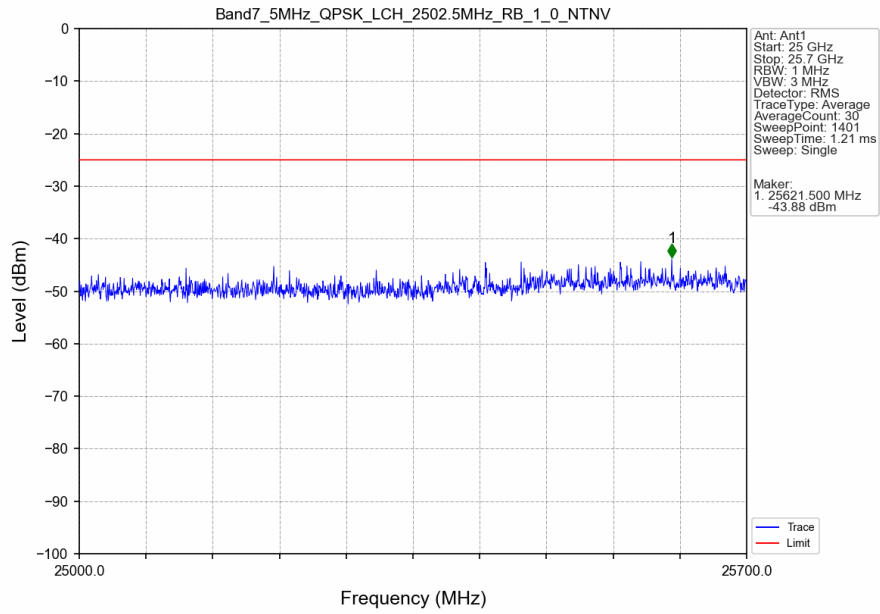
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



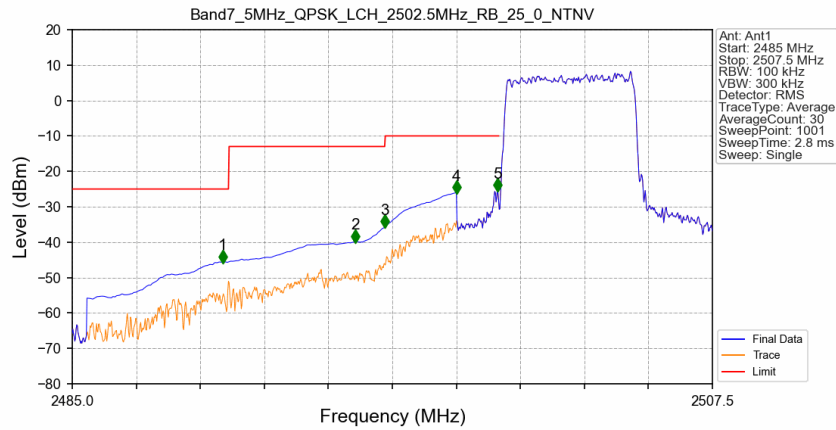
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTNV

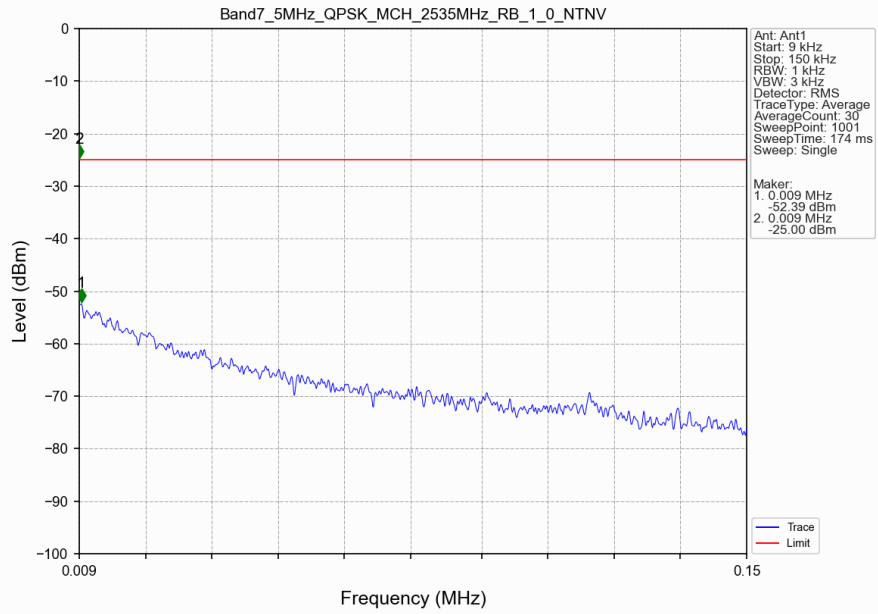


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV

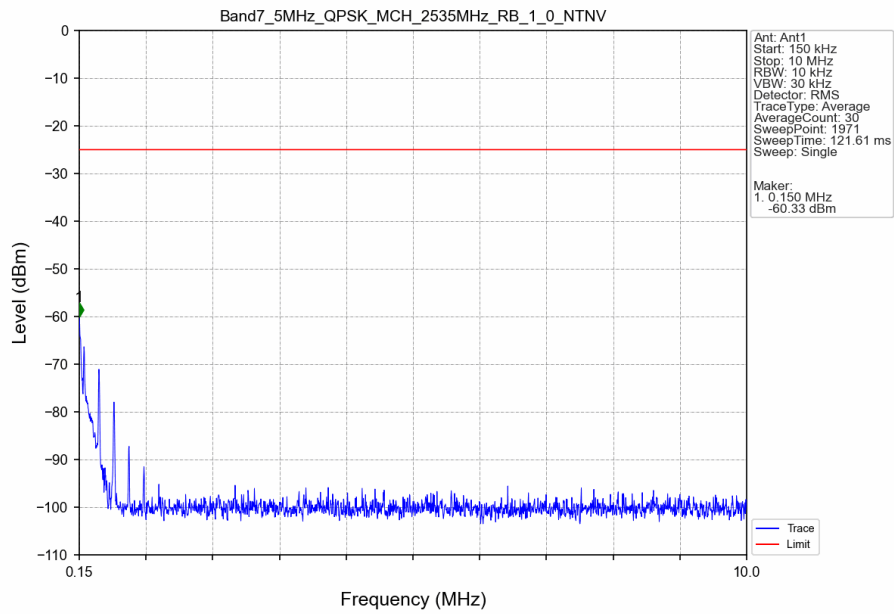


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.287	-45.58	-25	Pass
2490.5	2495	1	CHP	2	2494.945	-39.85	-13	Pass
2495	2496	1	CHP	3	2495.980	-35.71	-13	Pass
2496	2499	1	CHP	4	2498.500	-26.02	-10	Pass
2499	2500	0.1	/	5	2499.940	-25.35	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

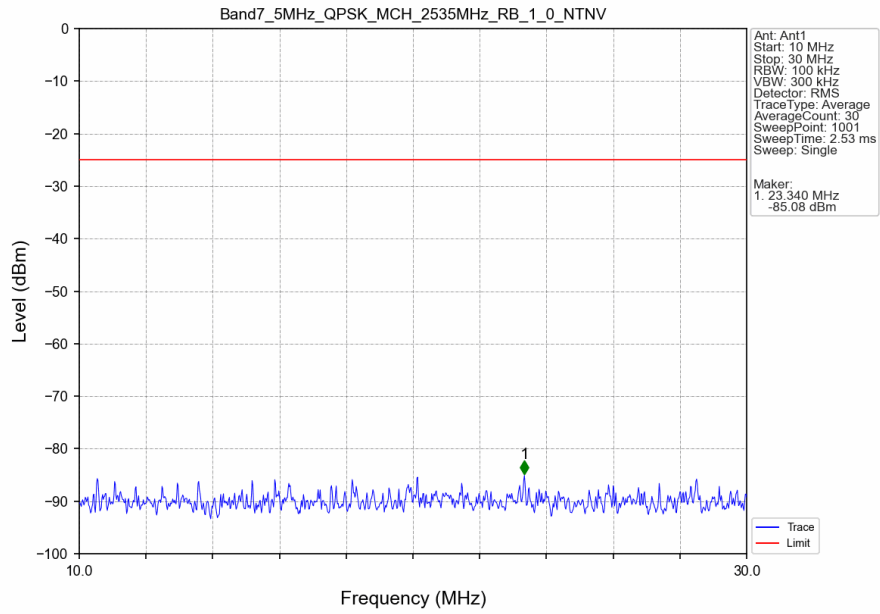
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



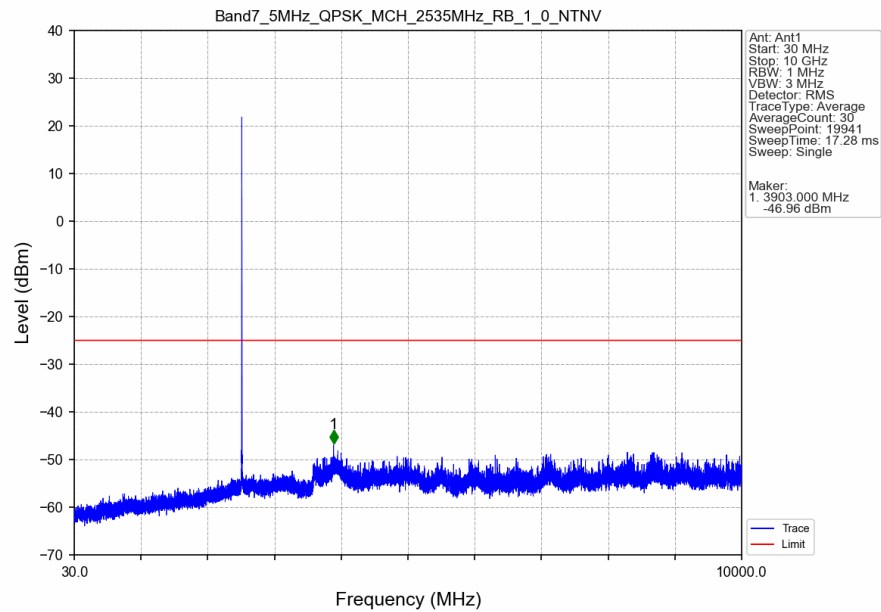
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



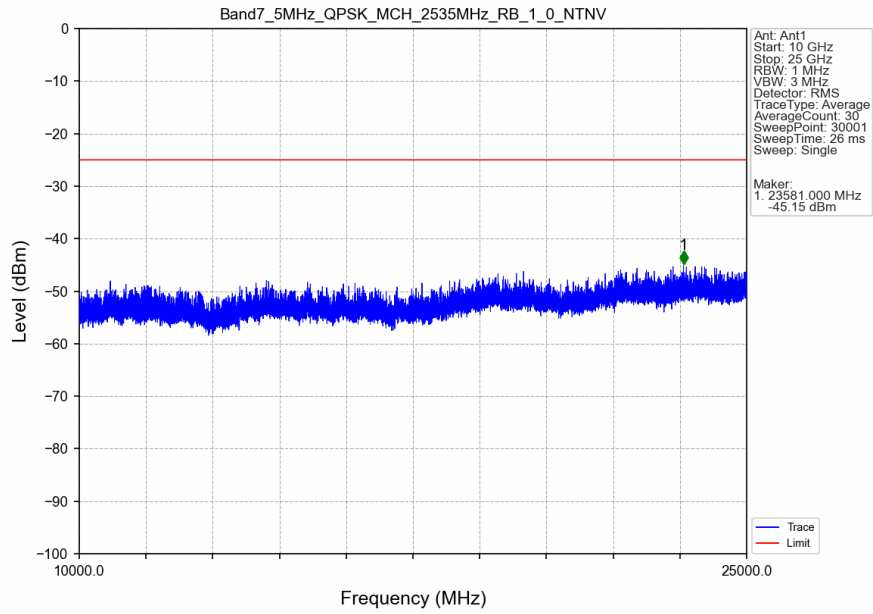
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



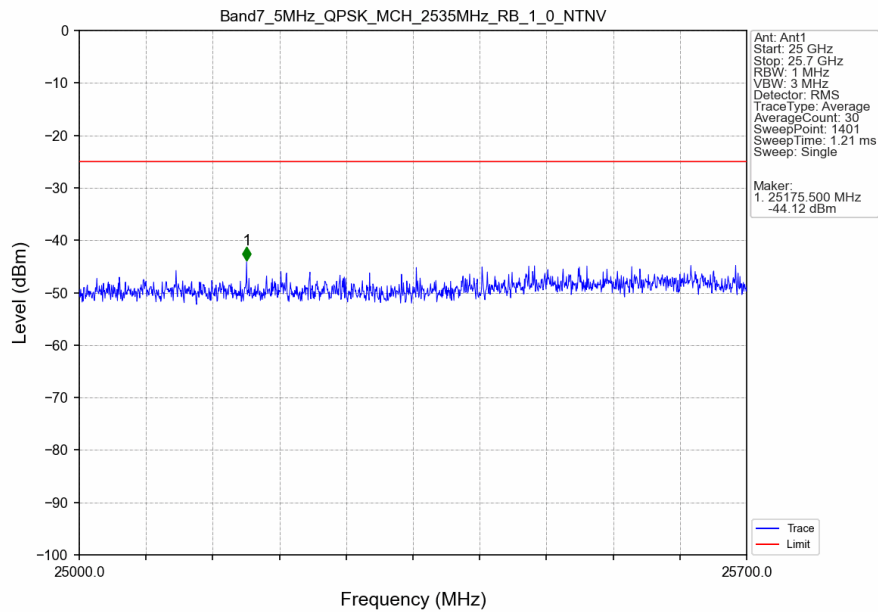
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



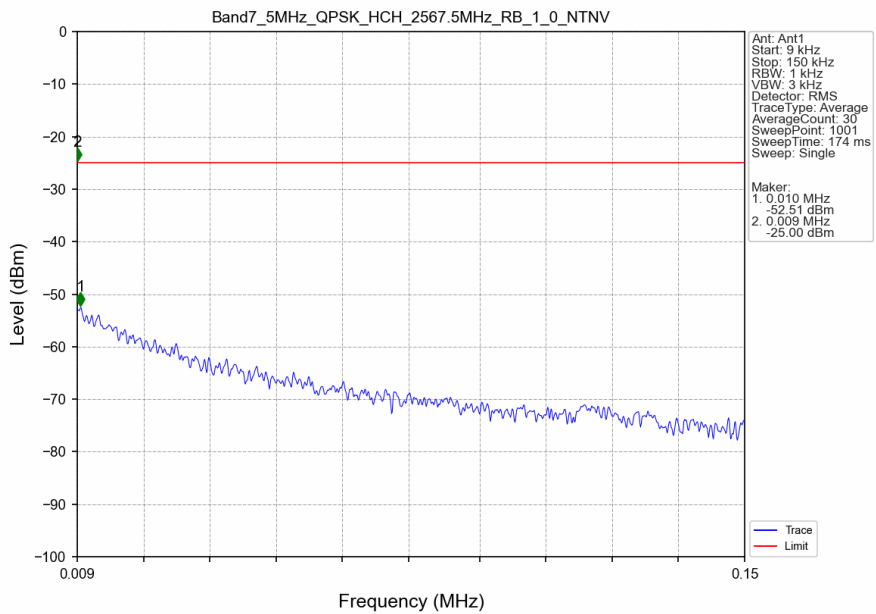
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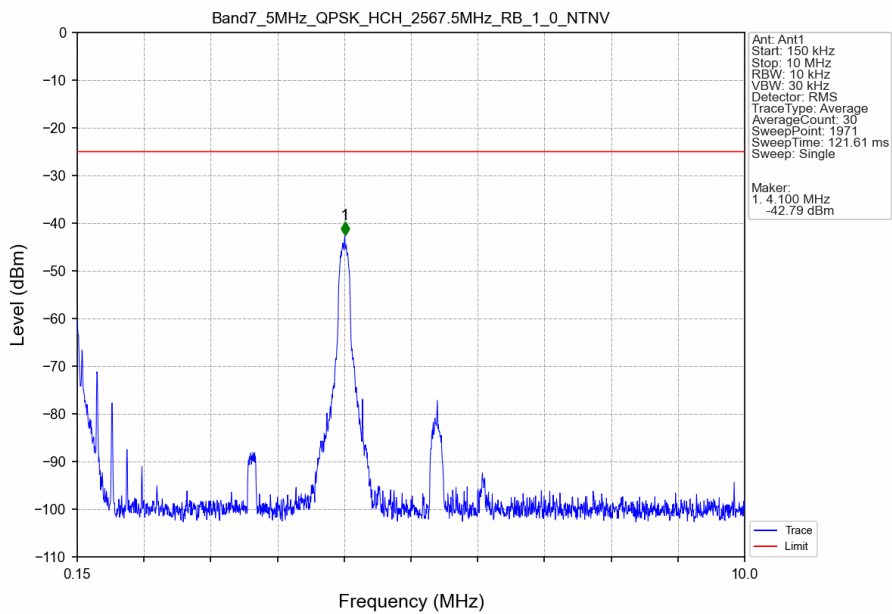
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



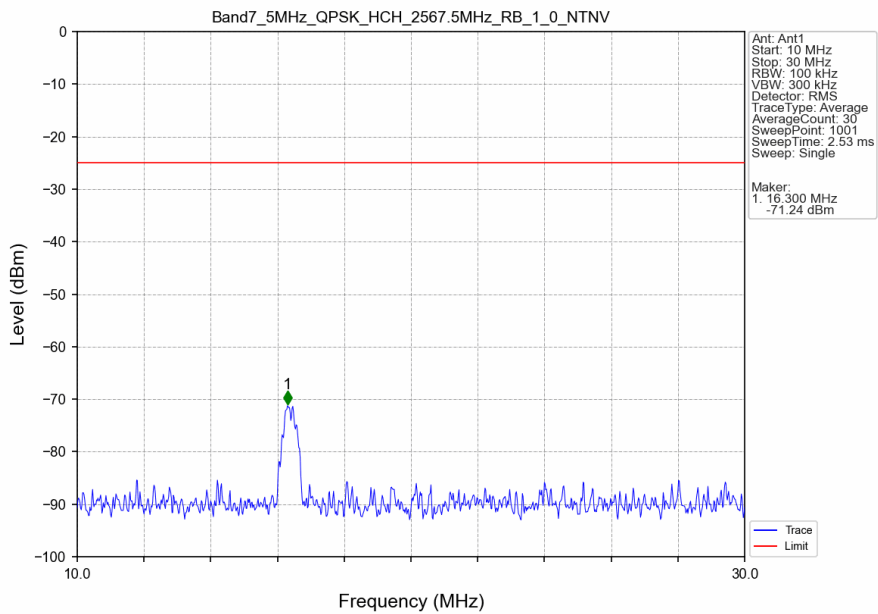
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



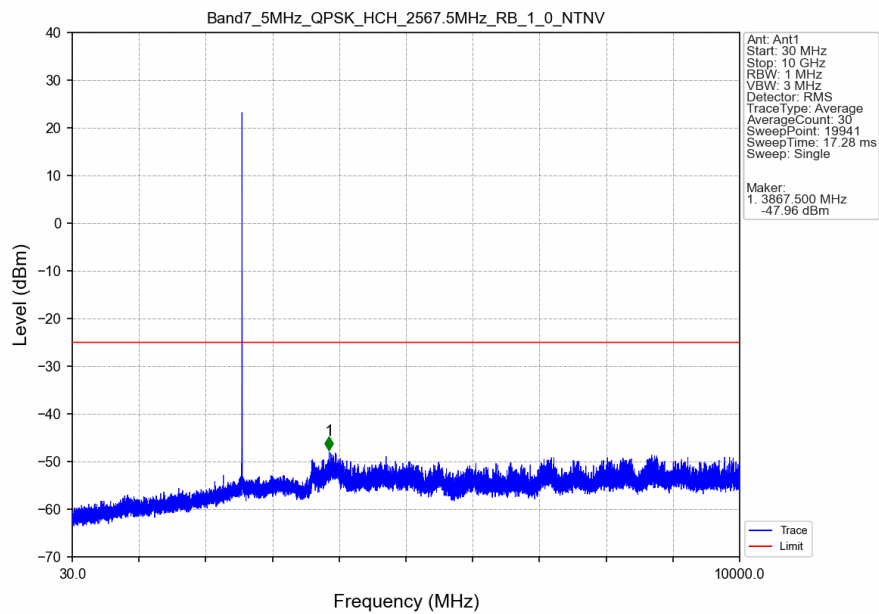
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



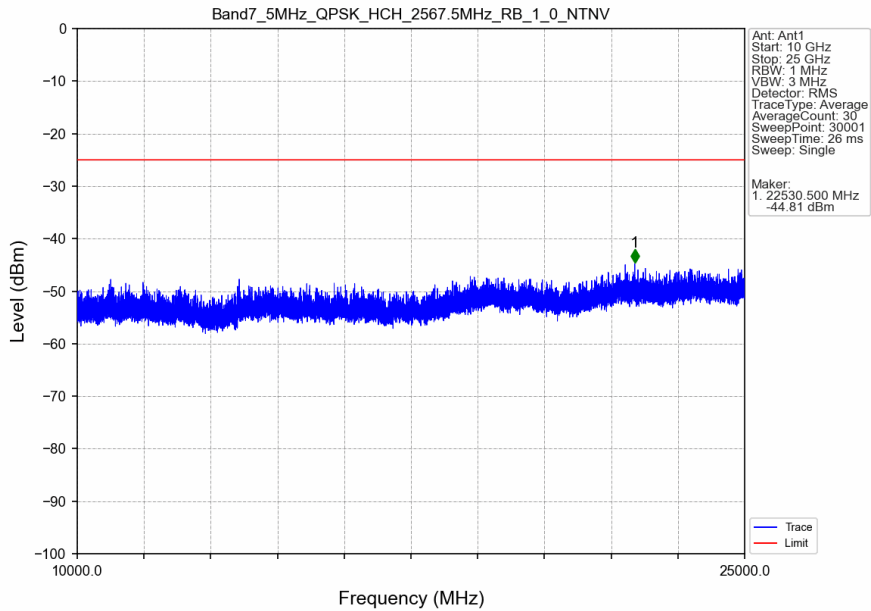
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



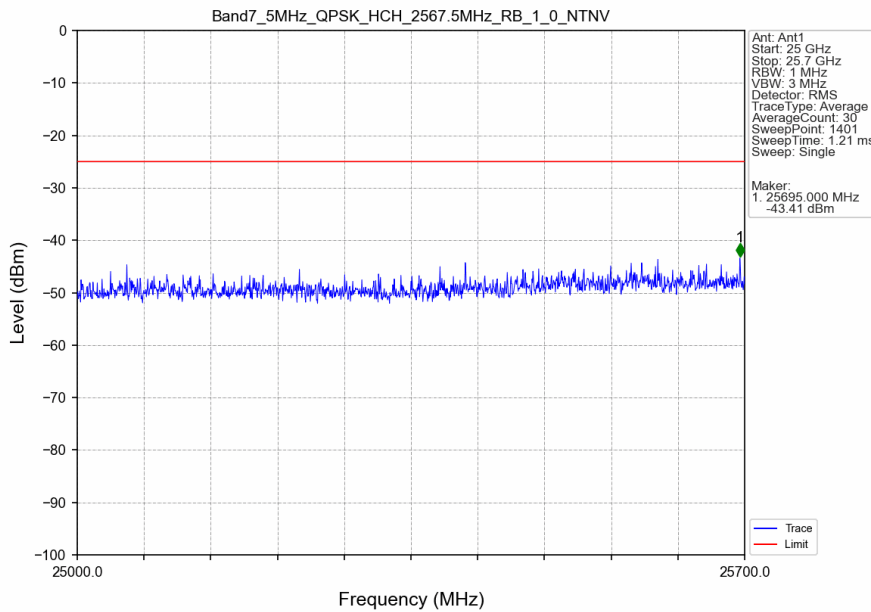
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



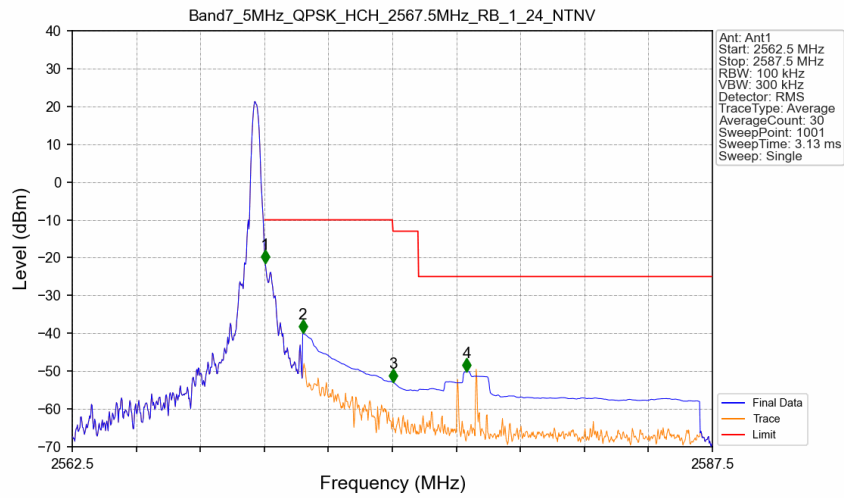
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

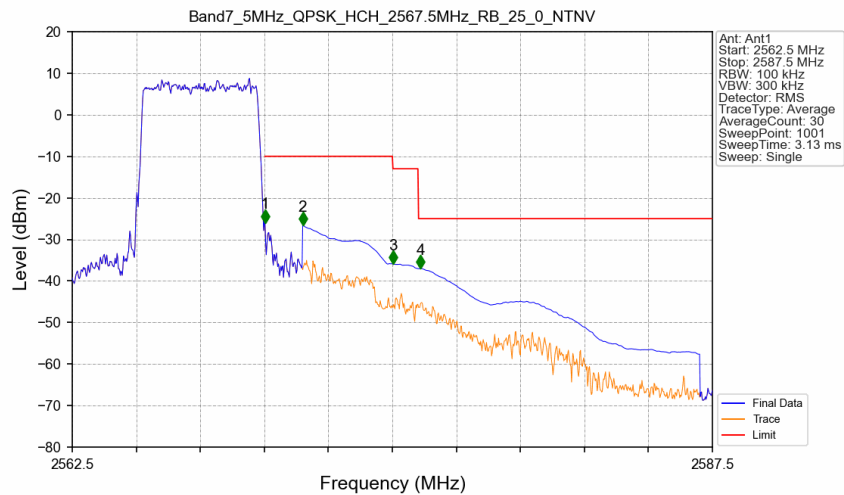


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24_NTNV



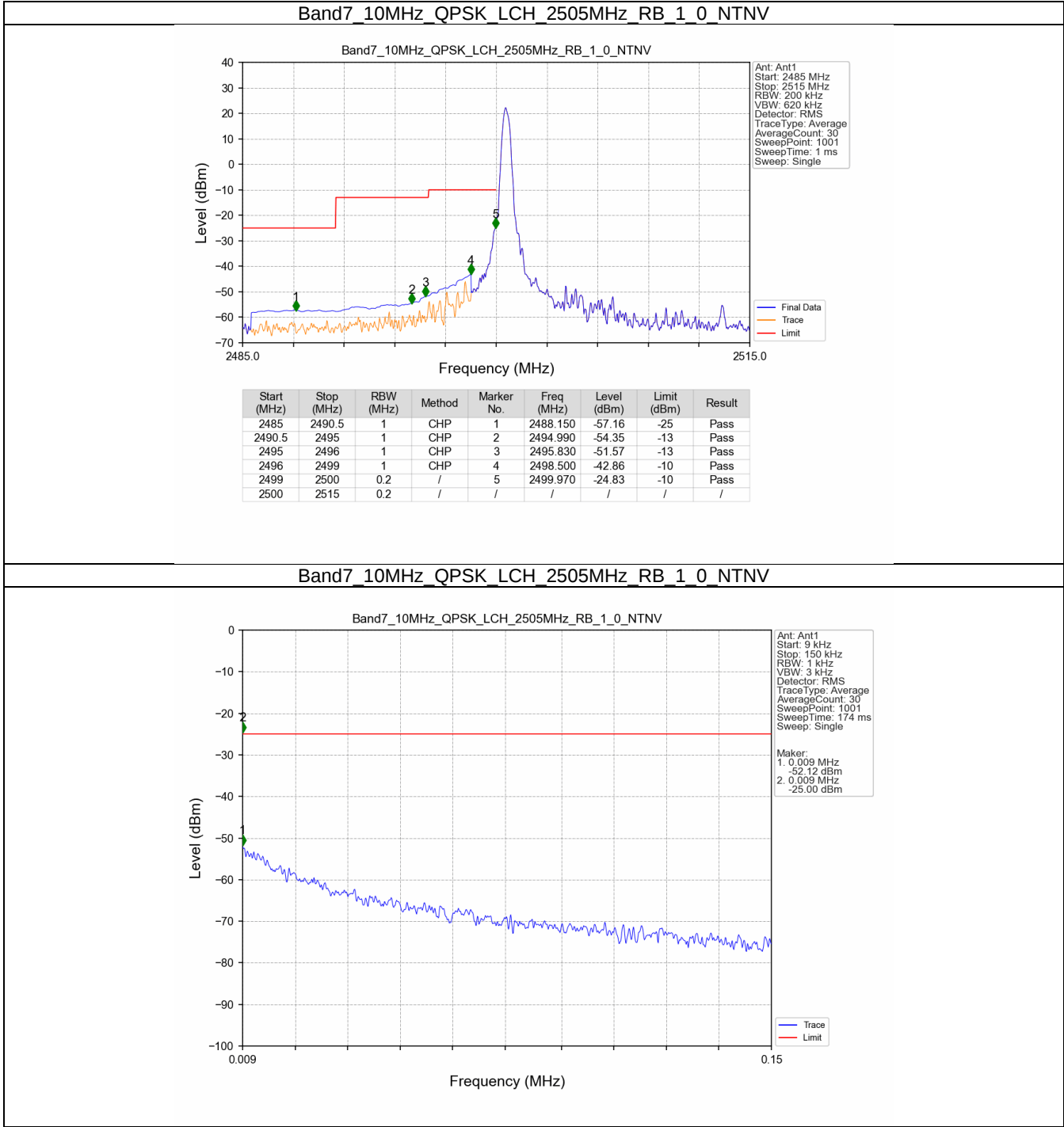
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.025	-21.44	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.94	-10	Pass
2575	2576	1	CHP	3	2575.025	-52.89	-13	Pass
2576	2587.5	1	CHP	4	2577.900	-50.12	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0_NTNV

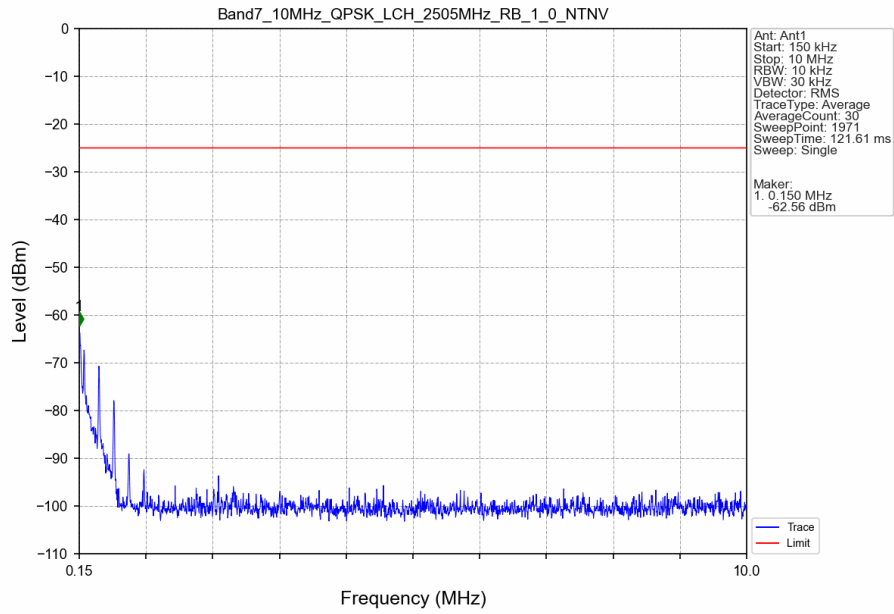


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.025	-25.94	-10	Pass
2571	2575	1	CHP	2	2571.500	-26.58	-10	Pass
2575	2576	1	CHP	3	2575.025	-35.94	-13	Pass
2576	2587.5	1	CHP	4	2576.100	-37.04	-25	Pass

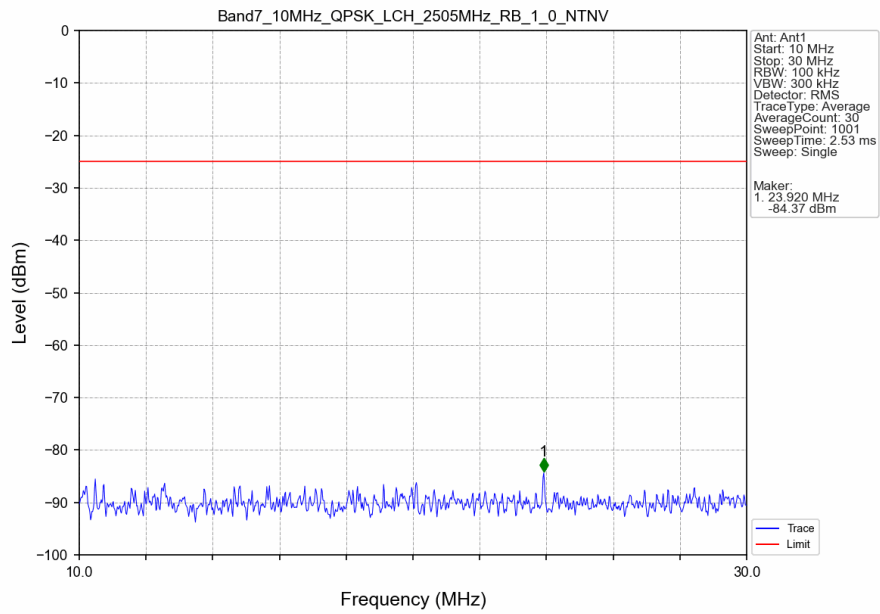
5.2.2 B7_10MHz



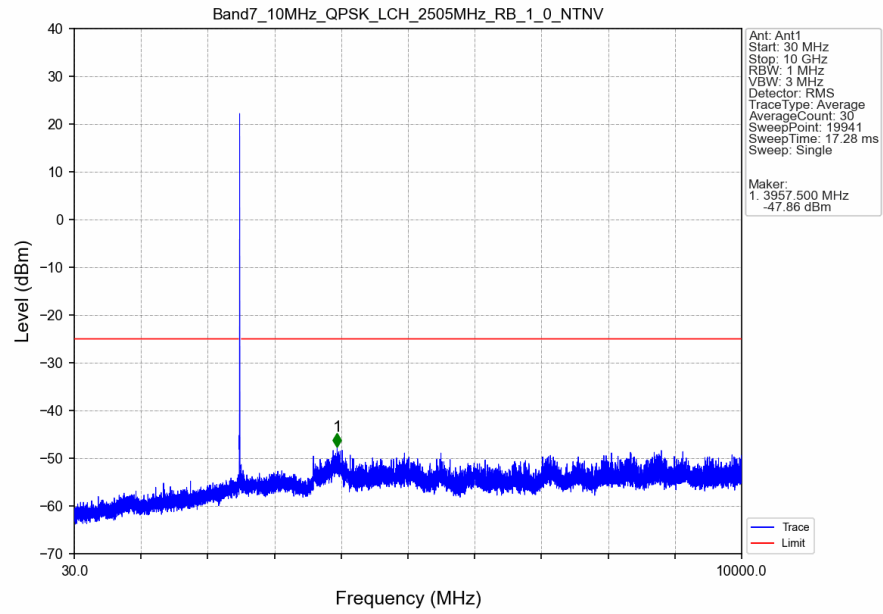
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

