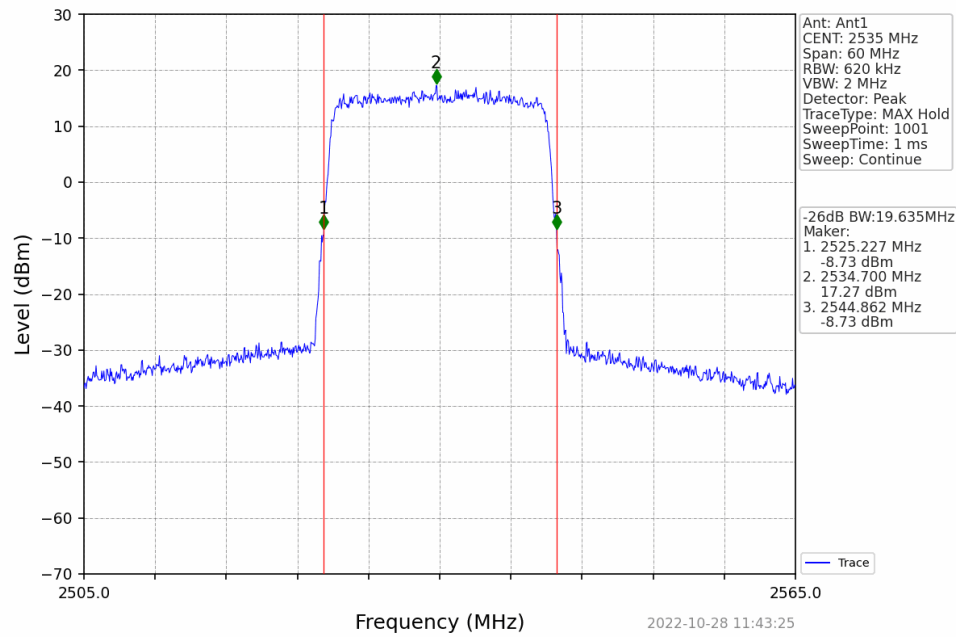
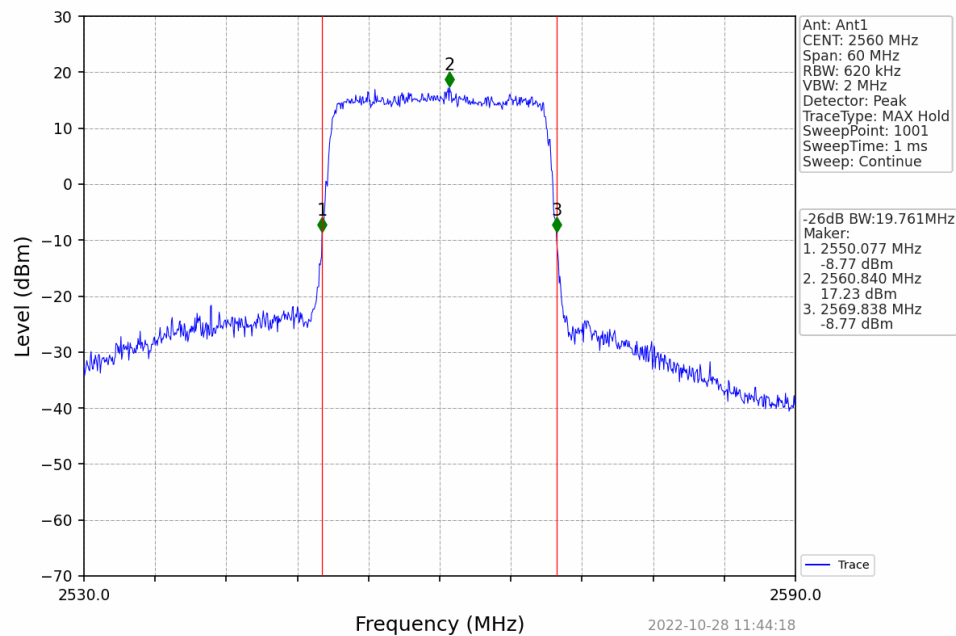




Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV





5. Peak-Average Ratio

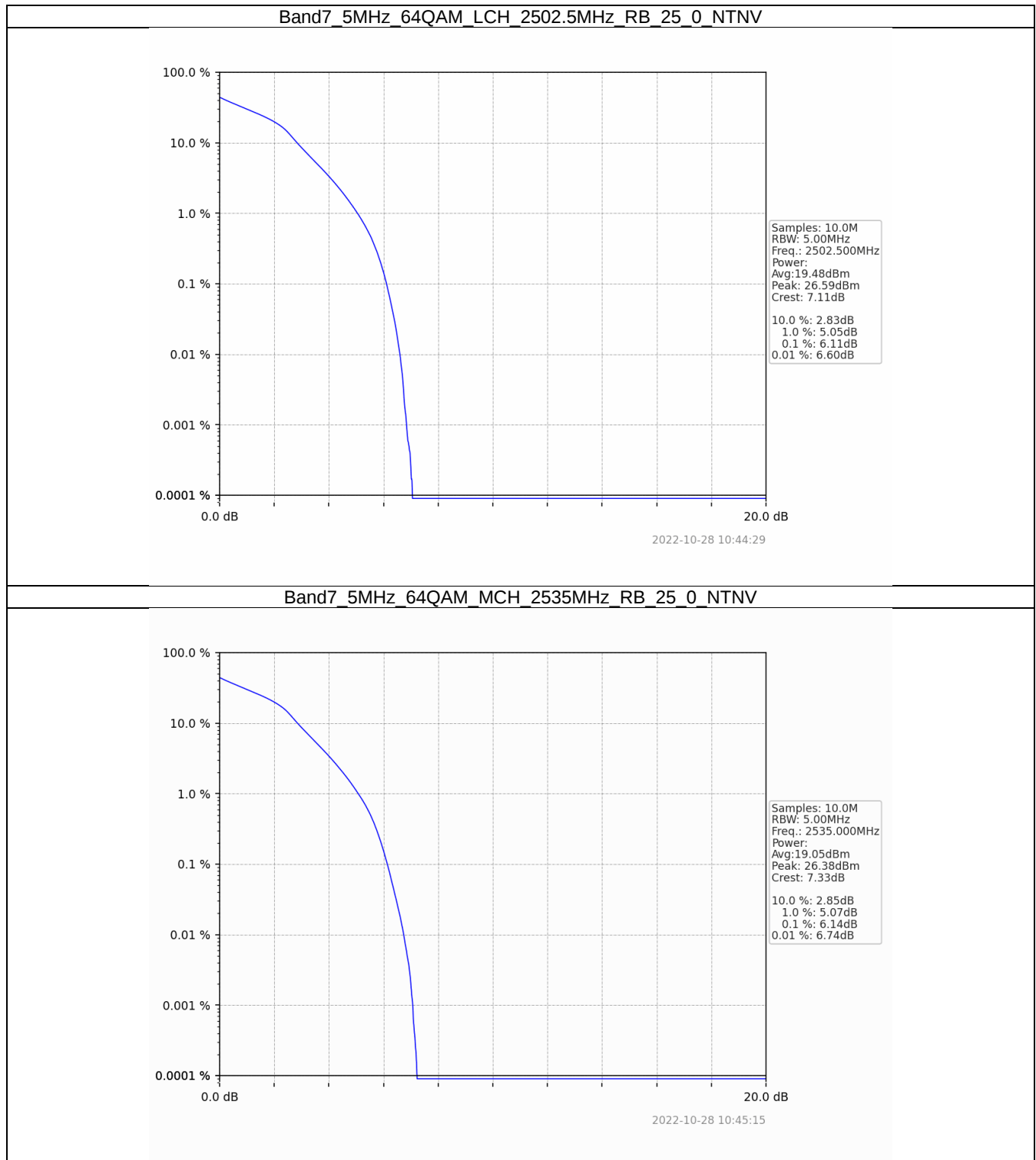
5.1 B7_5MHz

5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	2502.5	25	0	6.11	<=13	Pass
	2535	25	0	6.14	<=13	Pass
	2567.5	25	0	6.06	<=13	Pass
QPSK	2502.5	25	0	5.33	<=13	Pass
	2535	25	0	5.37	<=13	Pass
	2567.5	25	0	5.16	<=13	Pass
16QAM	2502.5	25	0	6.11	<=13	Pass
	2535	25	0	6.15	<=13	Pass
	2567.5	25	0	6.03	<=13	Pass

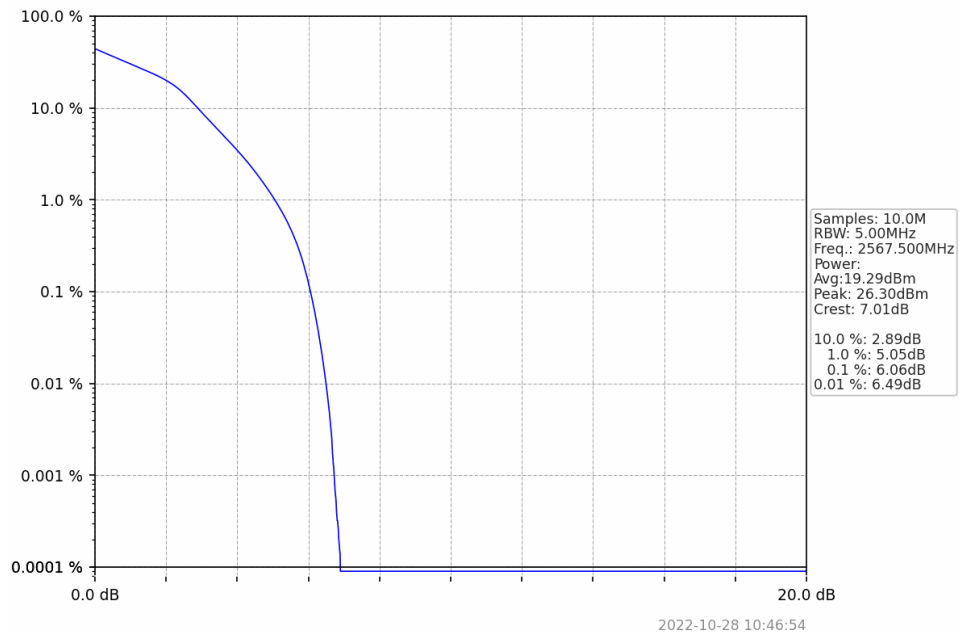


5.1.2 Test Graph

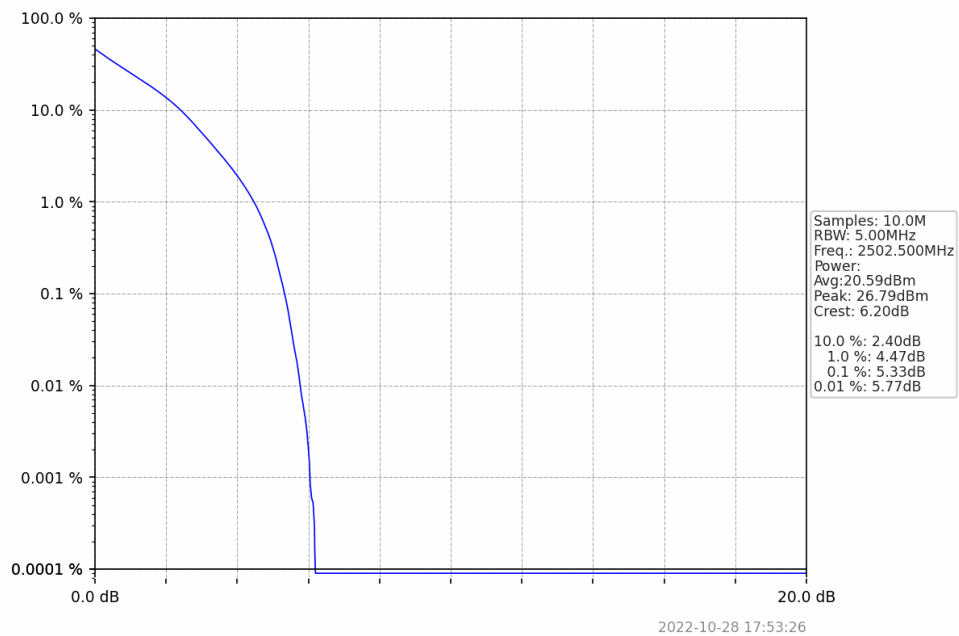




Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV

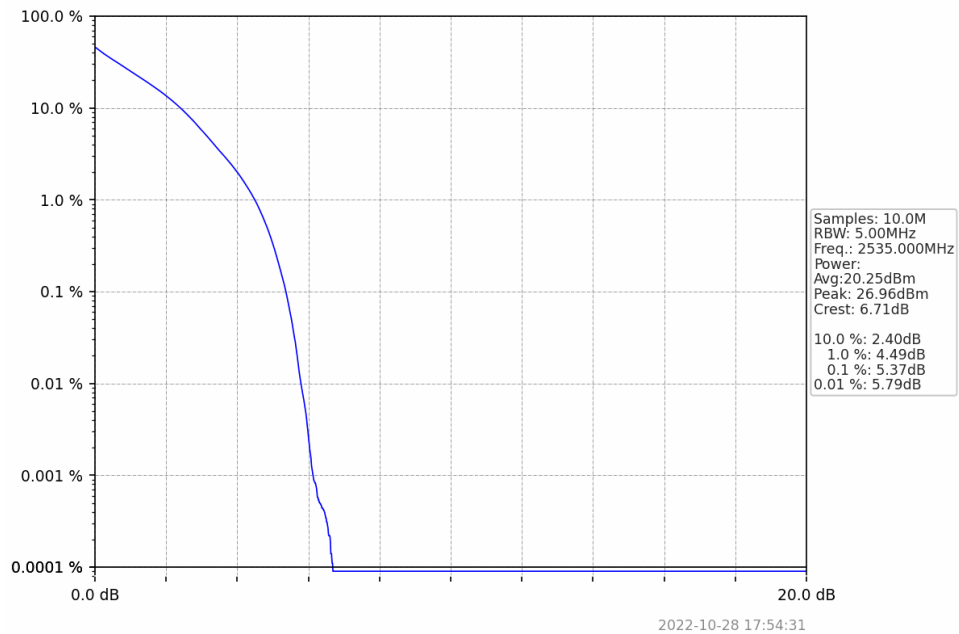


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

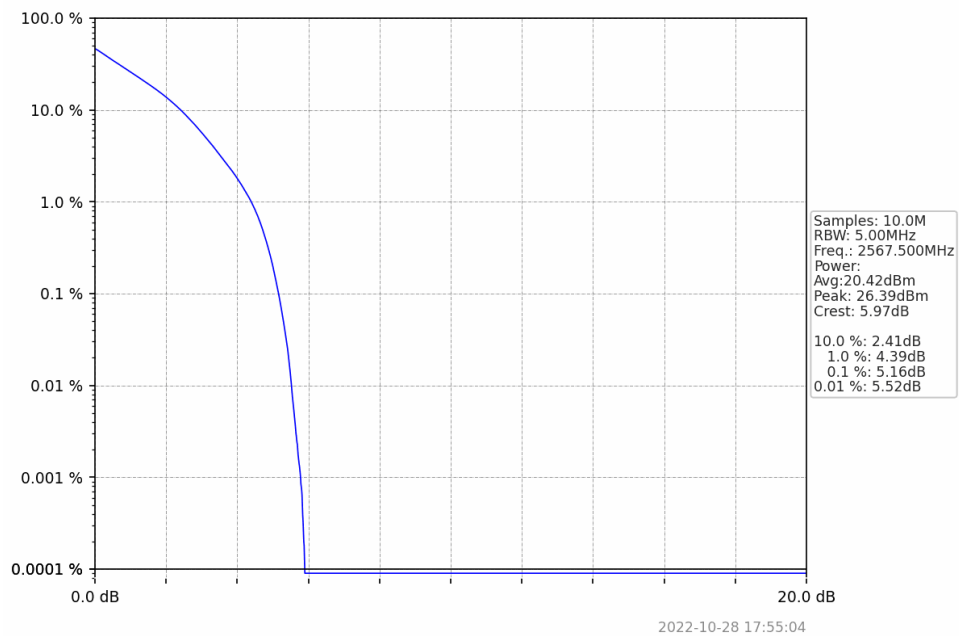




Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV

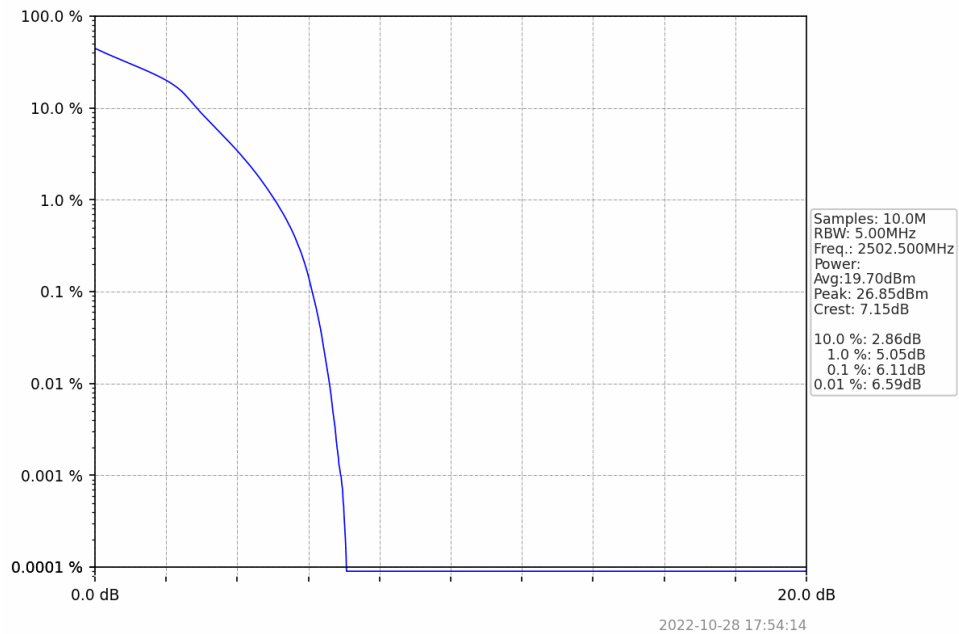


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

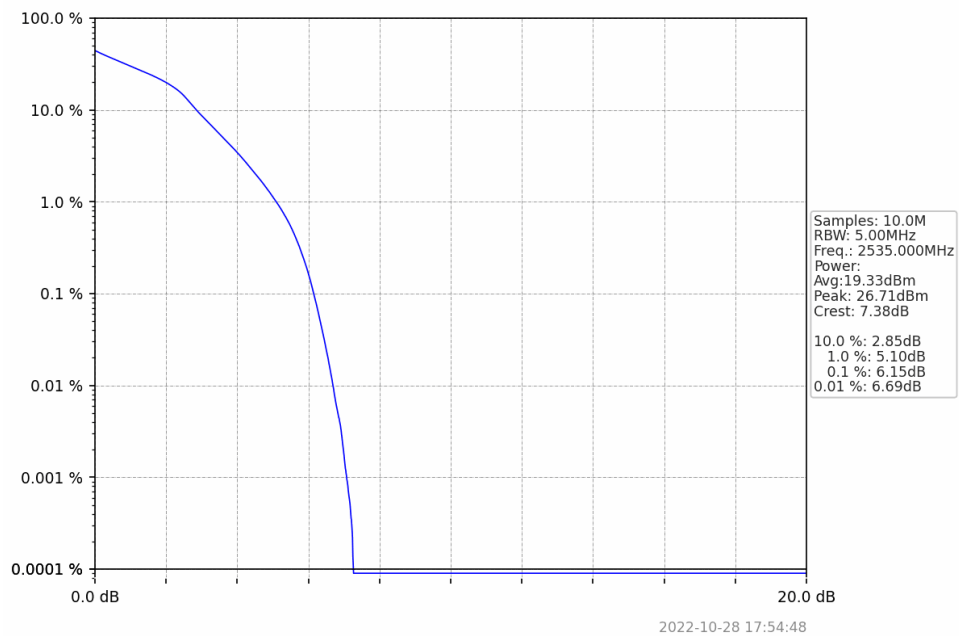


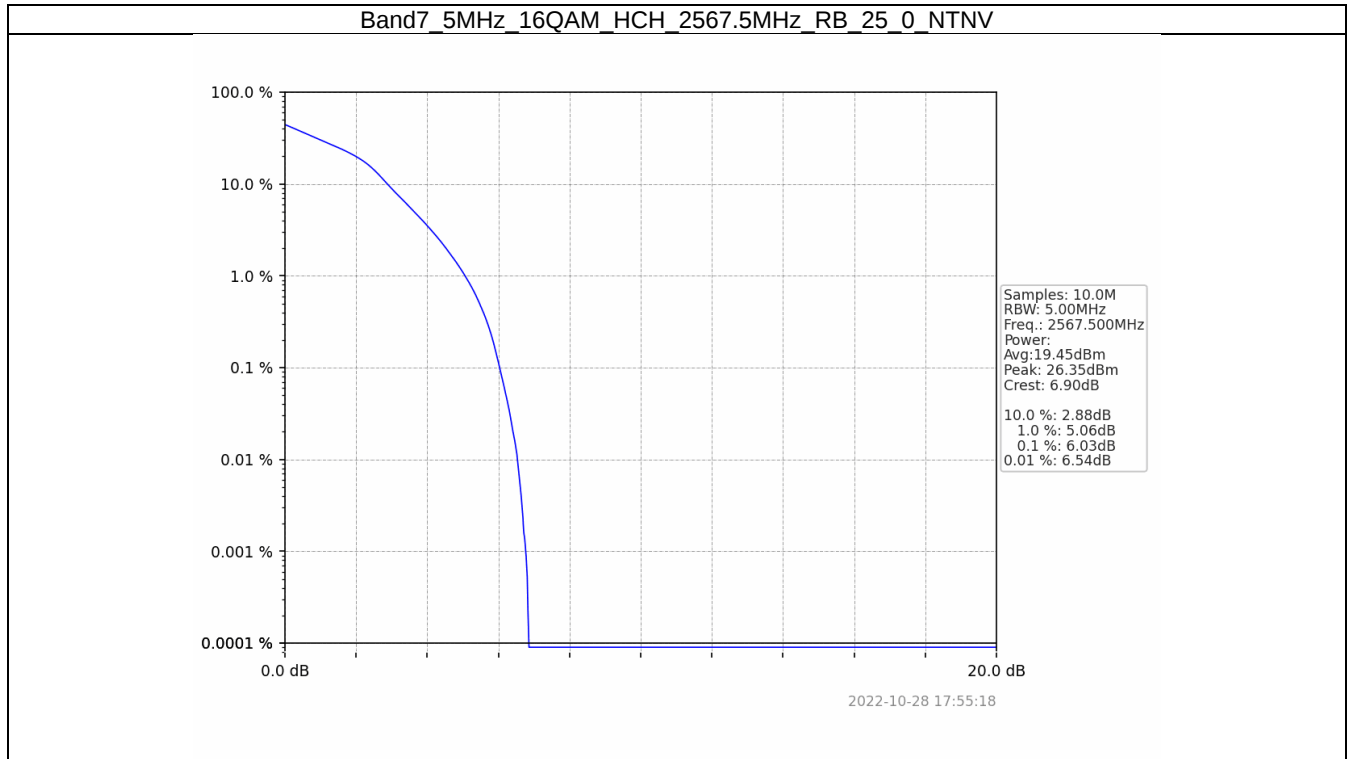


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV







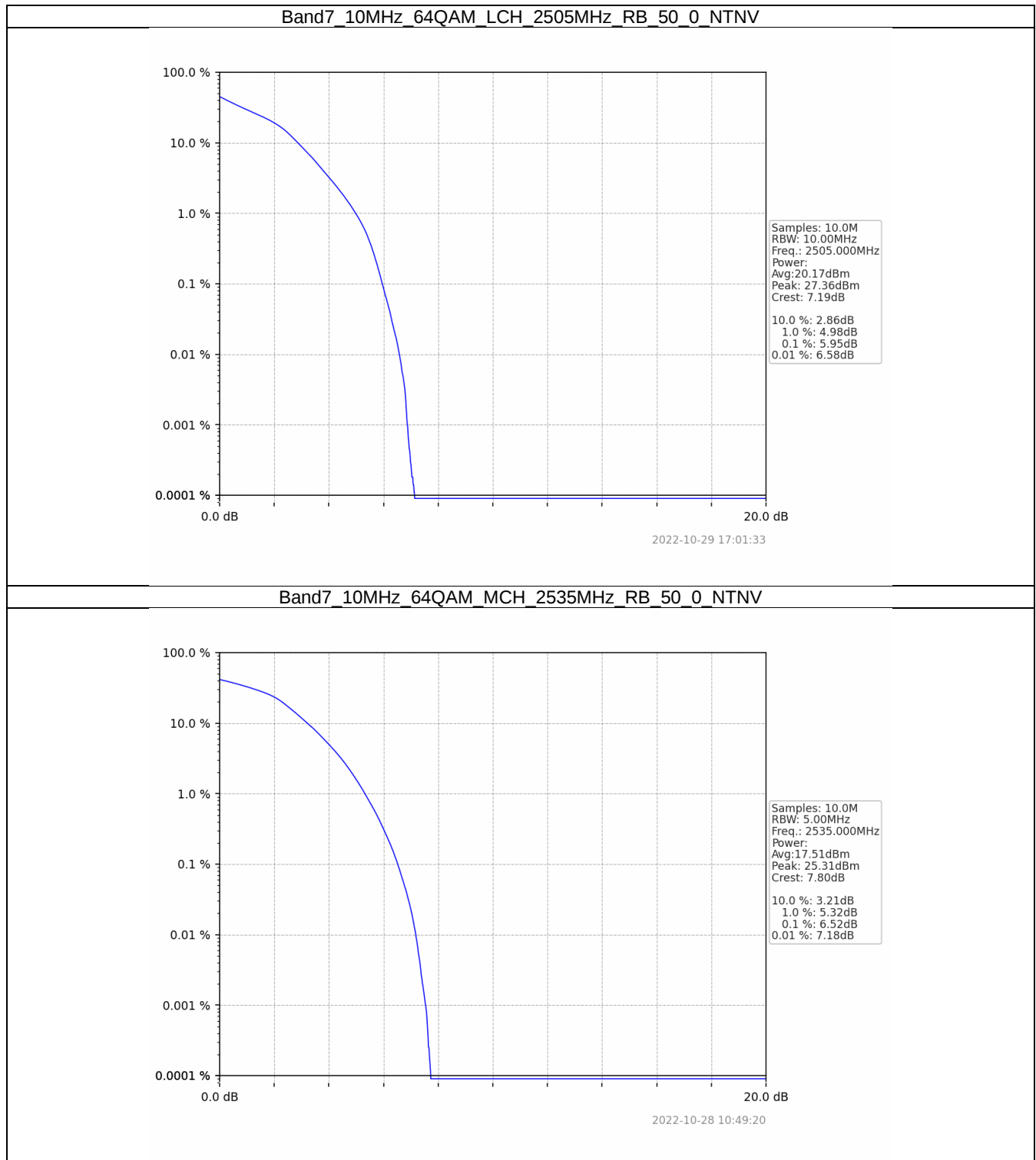
5.2 B7_10MHz

5.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	2505	50	0	5.95	<=13	Pass
	2535	50	0	6.52	<=13	Pass
	2565	50	0	5.91	<=13	Pass
QPSK	2505	50	0	5.36	<=13	Pass
	2535	50	0	5.29	<=13	Pass
	2565	50	0	5.46	<=13	Pass
16QAM	2505	50	0	6.50	<=13	Pass
	2535	50	0	6.15	<=13	Pass
	2565	50	0	6.11	<=13	Pass

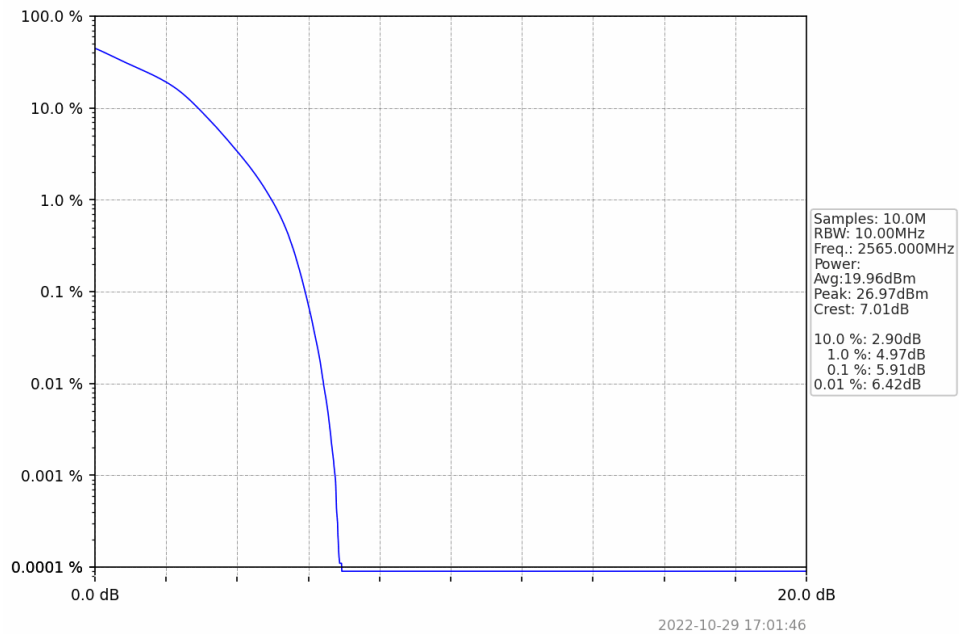


5.2.2 Test Graph

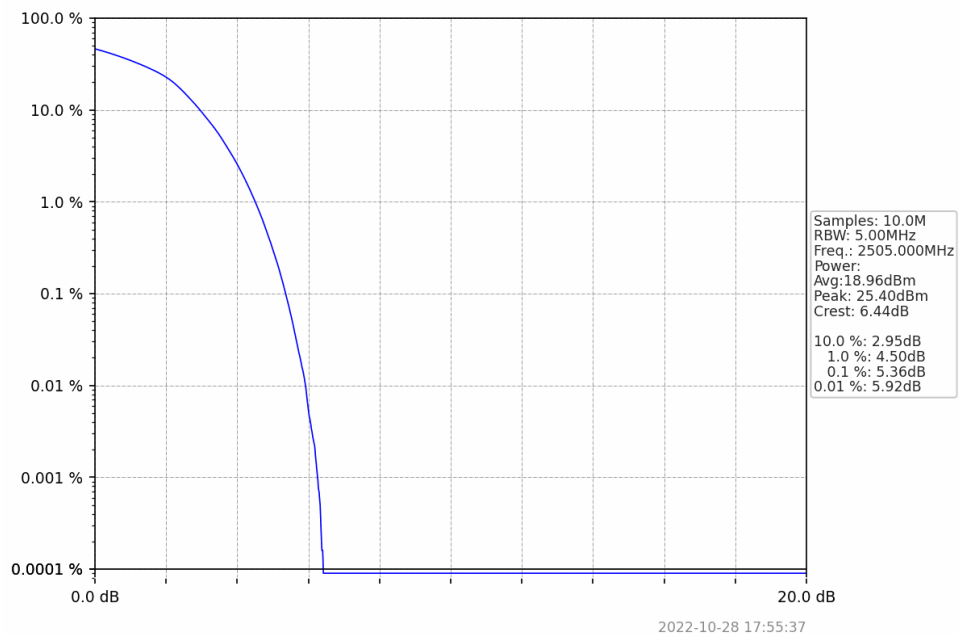




Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV

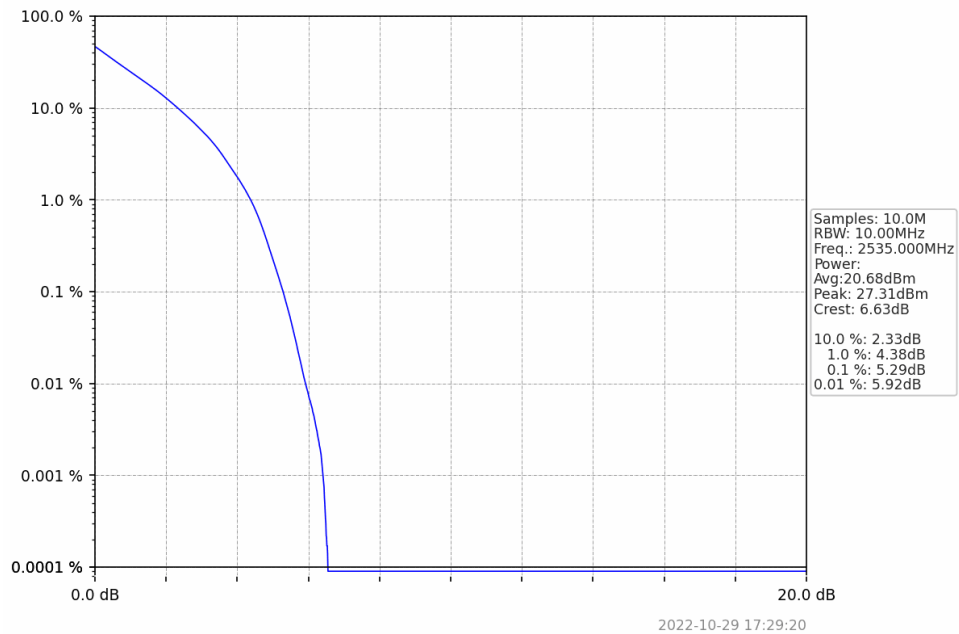


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

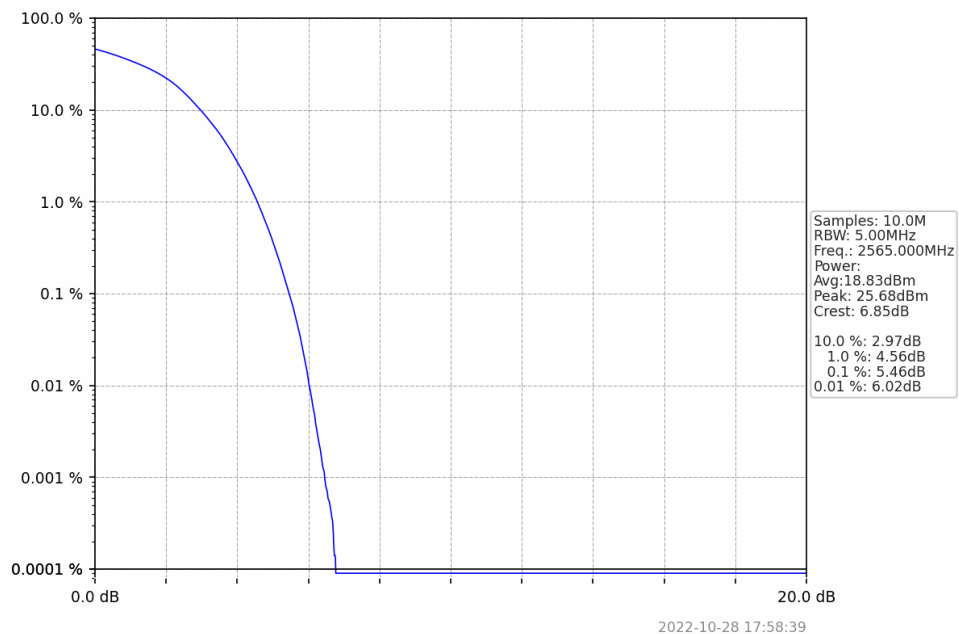




Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV

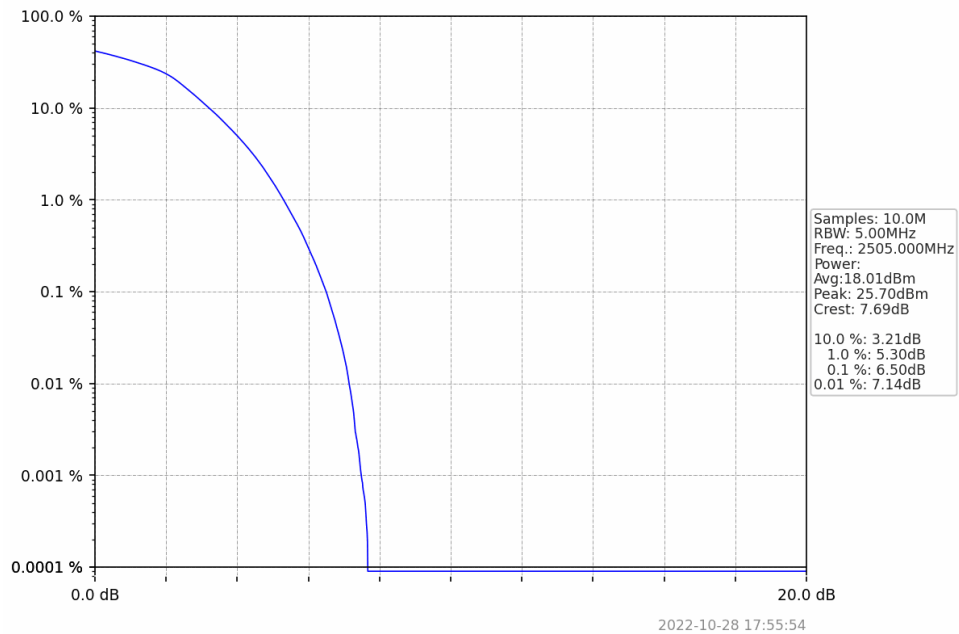


Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV

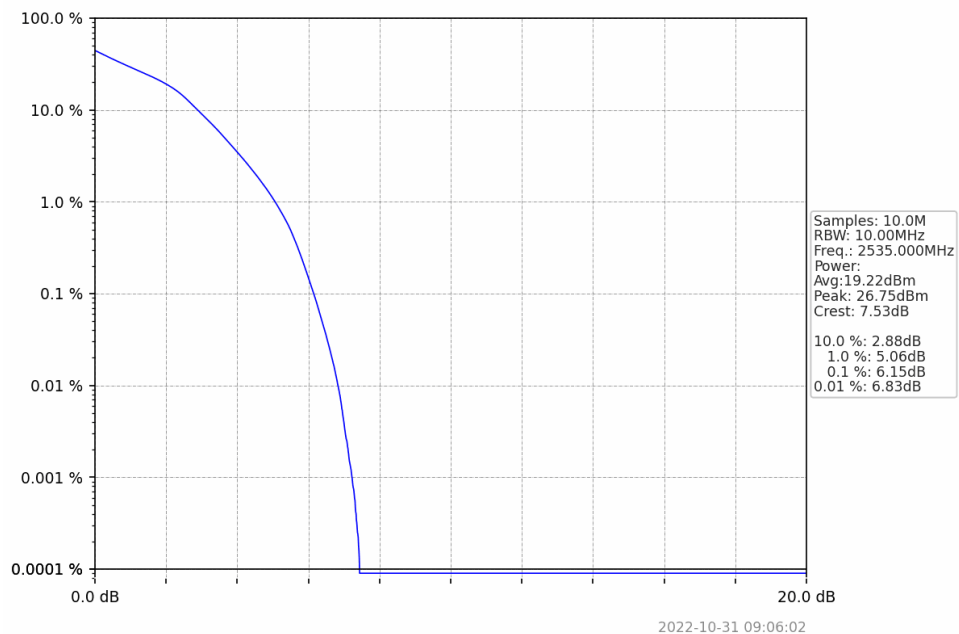


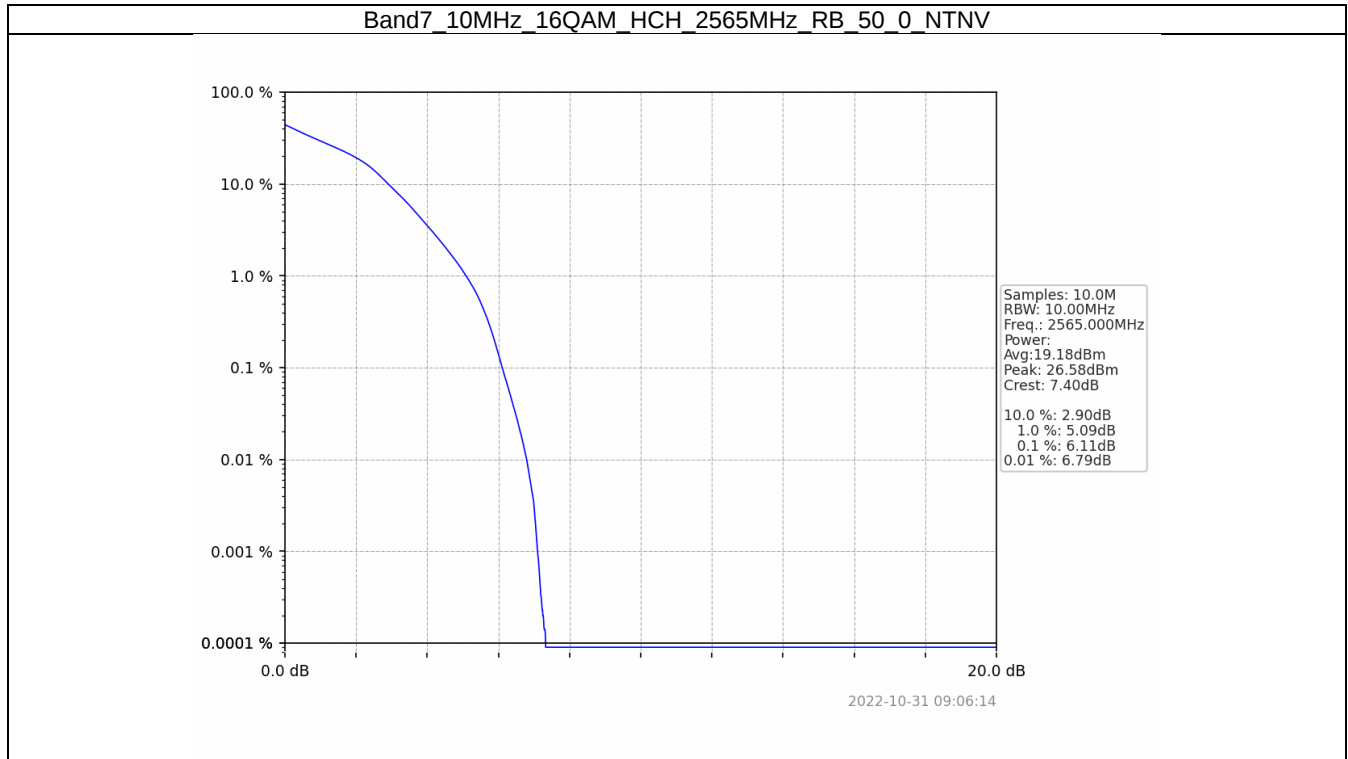


Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV







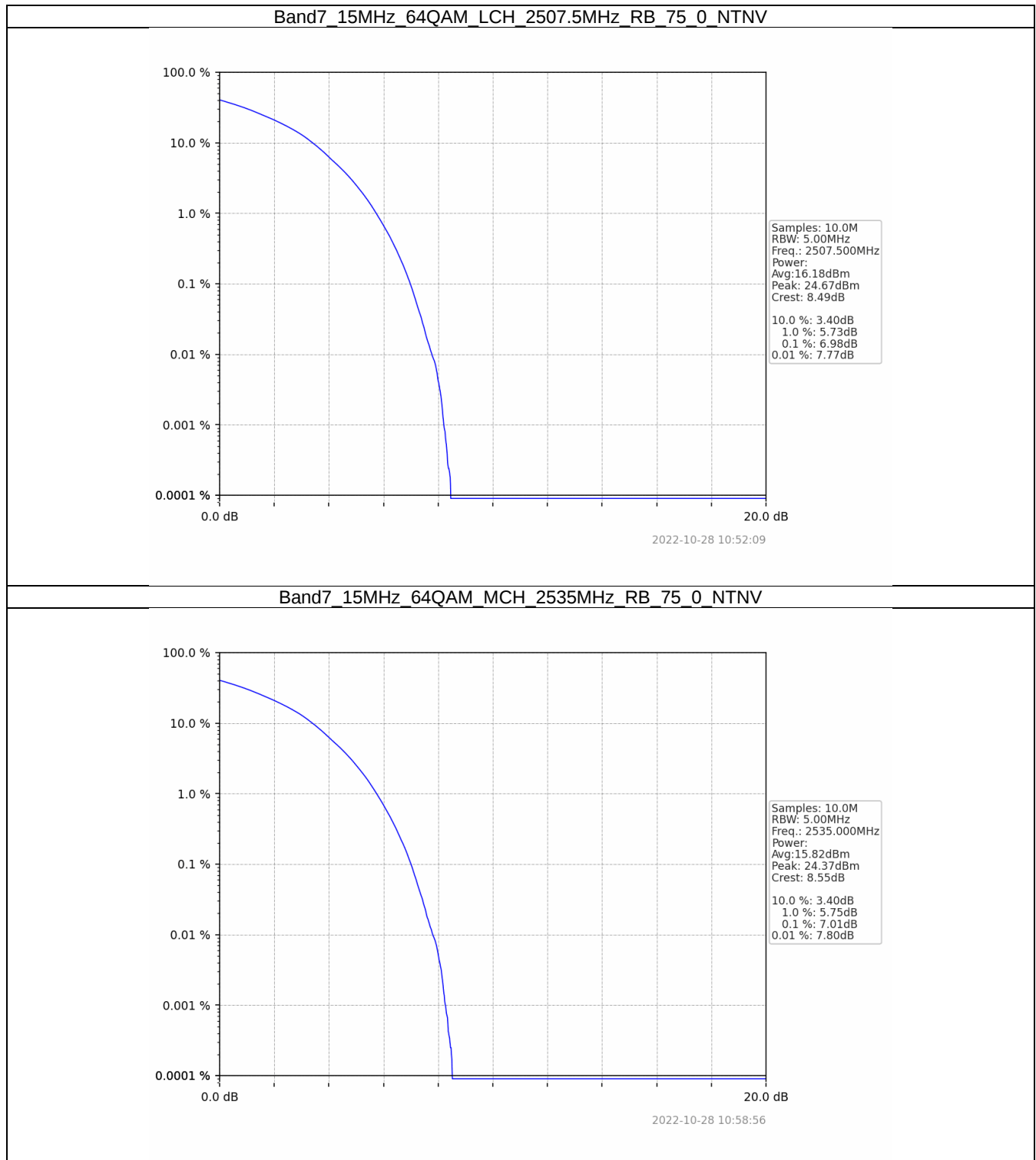
5.3 B7_15MHz

5.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	2507.5	75	0	6.98	<=13	Pass
	2535	75	0	7.01	<=13	Pass
	2562.5	75	0	5.96	<=13	Pass
QPSK	2507.5	75	0	5.37	<=13	Pass
	2535	75	0	6.33	<=13	Pass
	2562.5	75	0	5.45	<=13	Pass
16QAM	2507.5	75	0	6.09	<=13	Pass
	2535	75	0	6.22	<=13	Pass
	2562.5	75	0	6.17	<=13	Pass

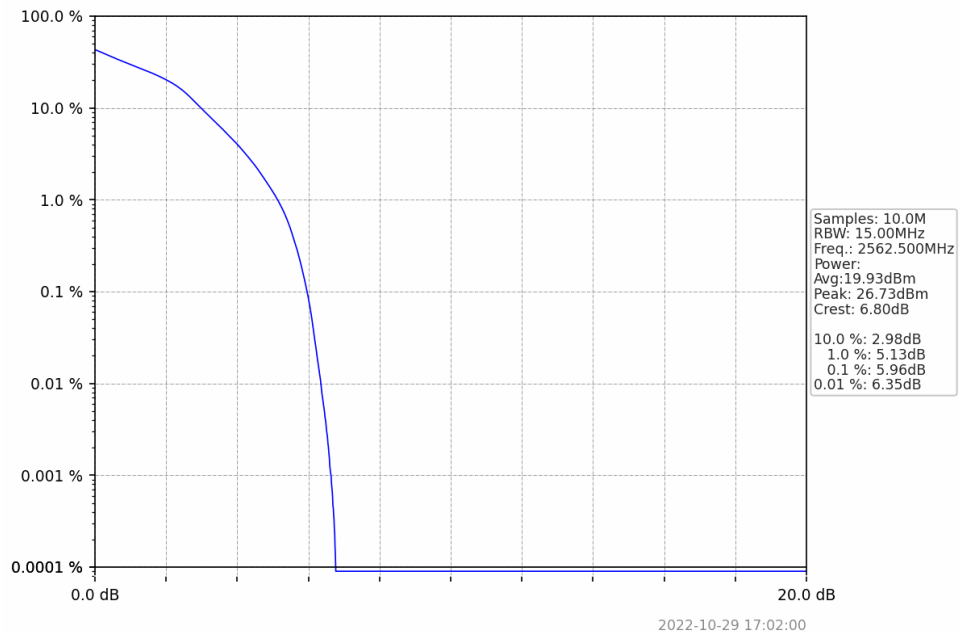


5.3.2 Test Graph

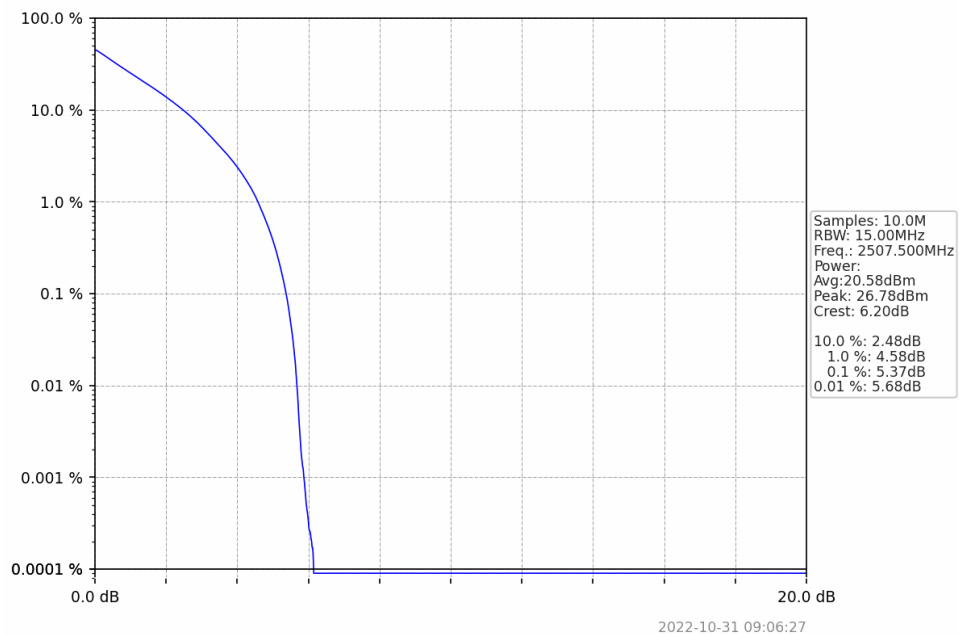




Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV

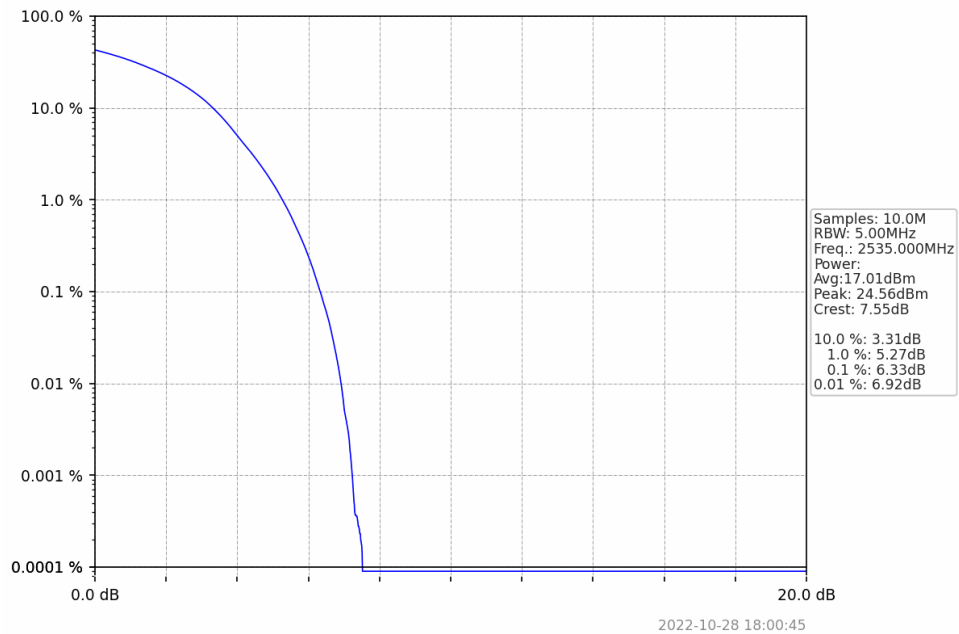


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

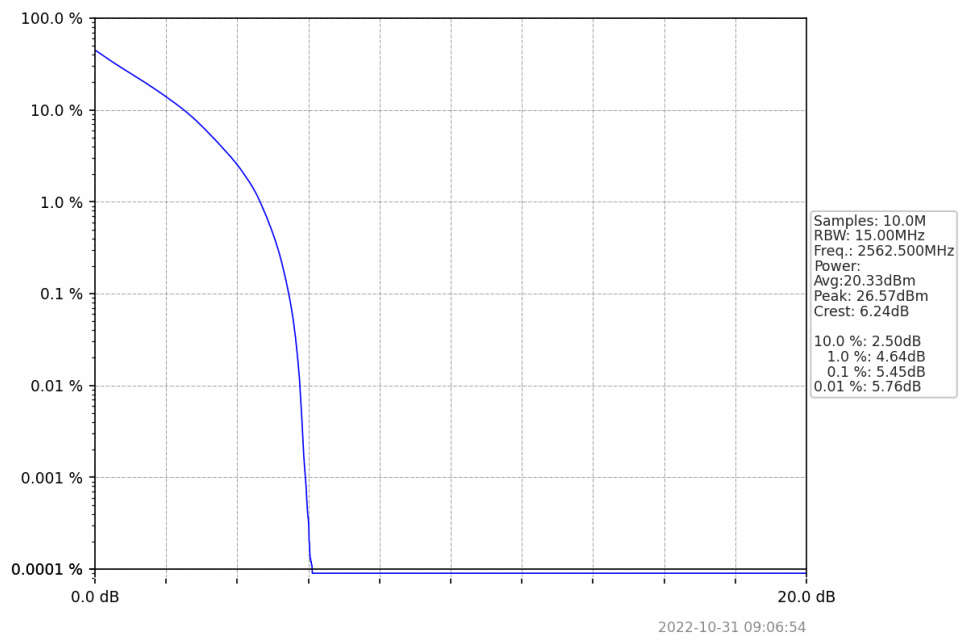




Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

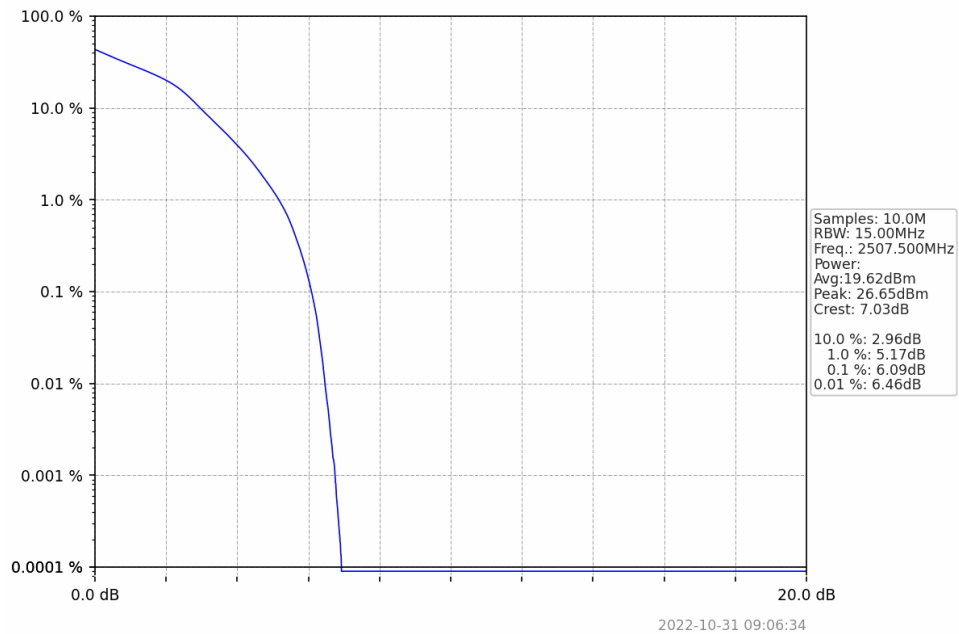


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

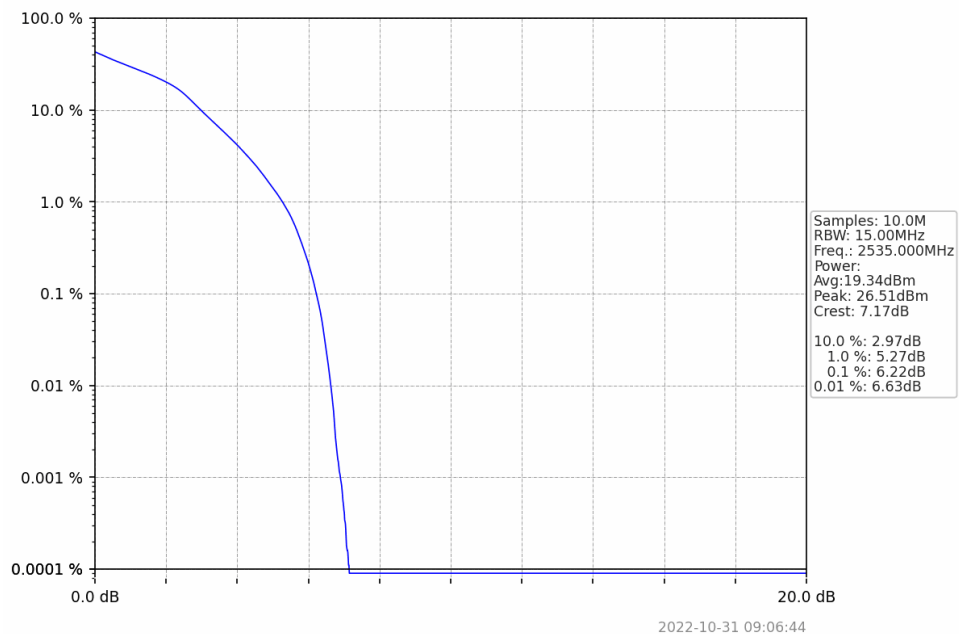


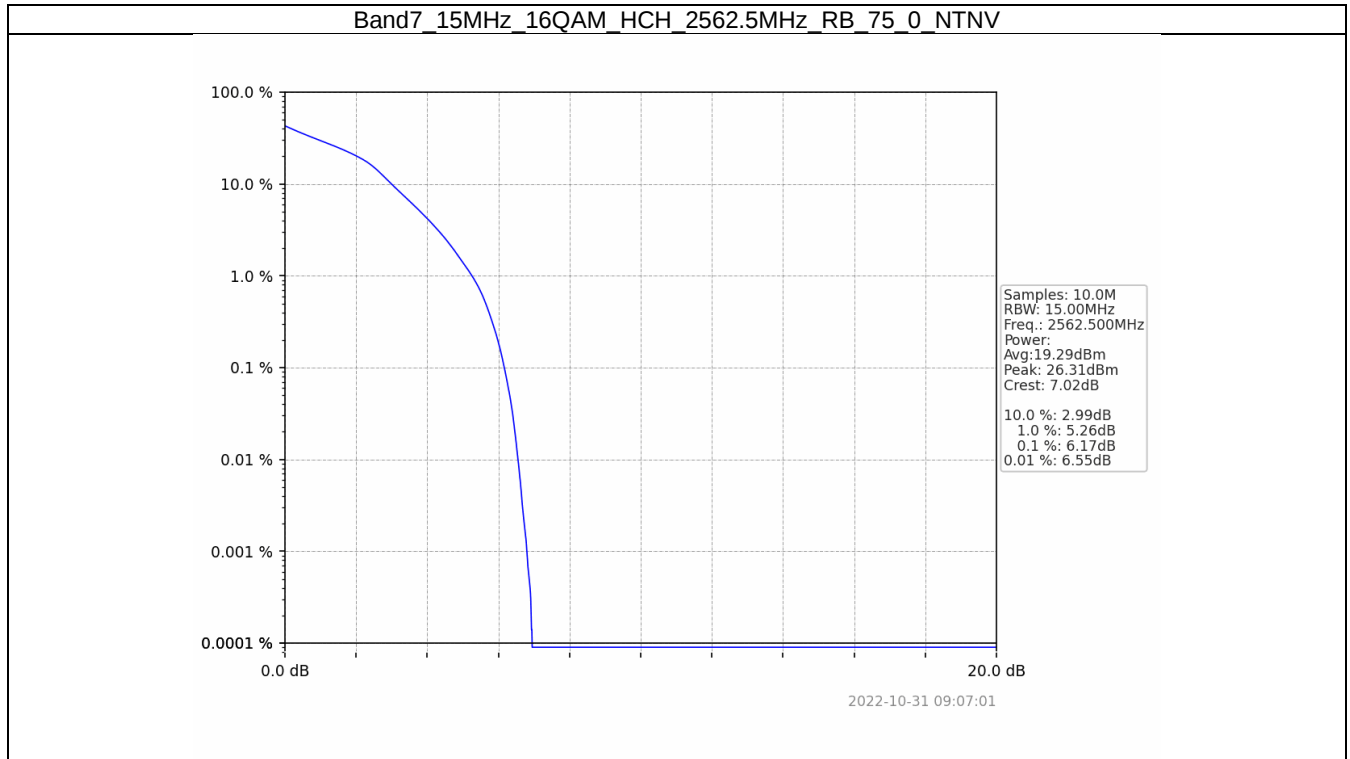


Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV







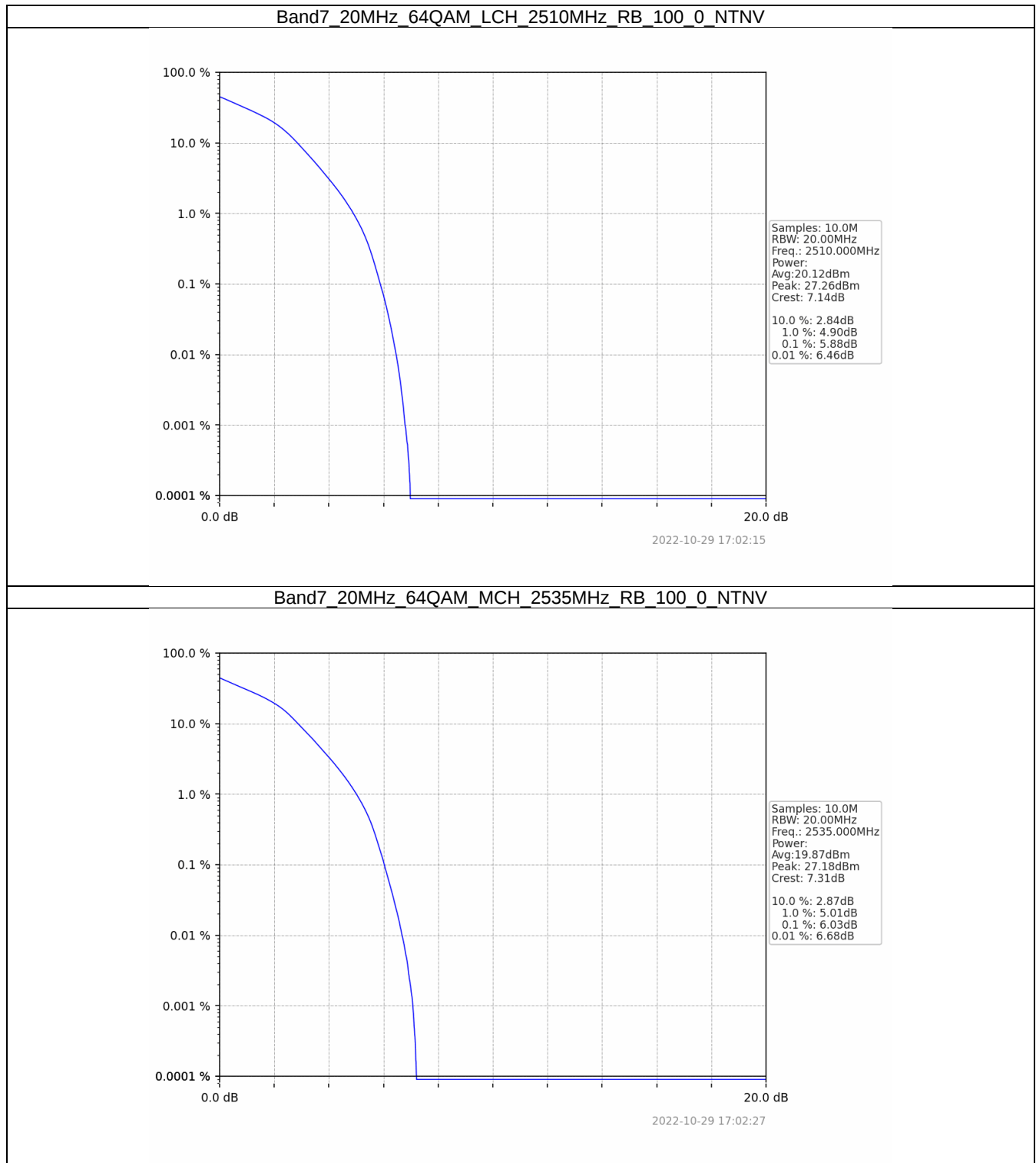
5.4 B7_20MHz

5.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	2510	100	0	5.88	<=13	Pass
	2535	100	0	6.03	<=13	Pass
	2560	100	0	5.92	<=13	Pass
QPSK	2510	100	0	5.15	<=13	Pass
	2535	100	0	5.30	<=13	Pass
	2560	100	0	5.29	<=13	Pass
16QAM	2510	100	0	5.99	<=13	Pass
	2535	100	0	6.10	<=13	Pass
	2560	100	0	6.08	<=13	Pass

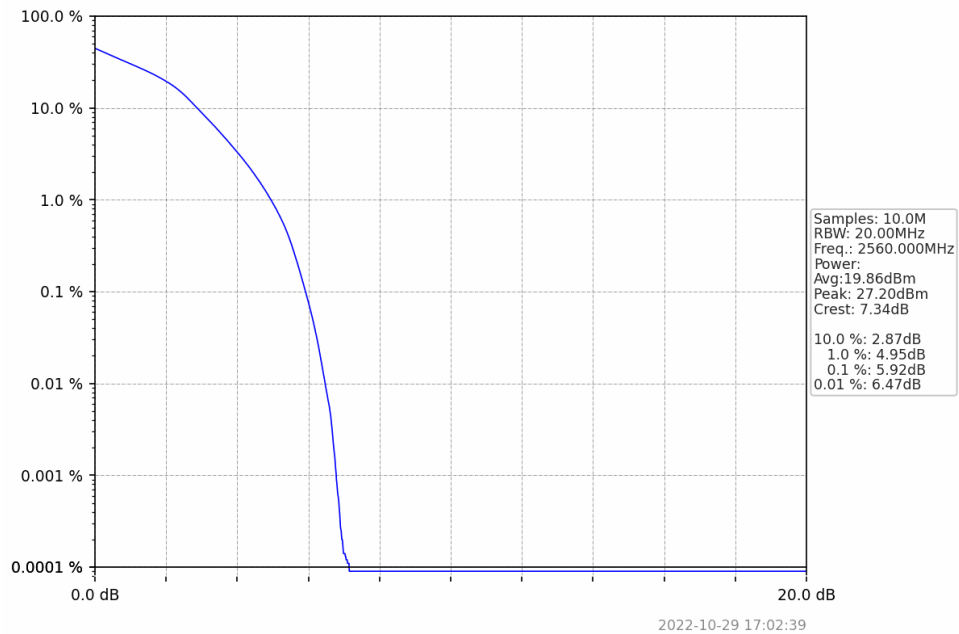


5.4.2 Test Graph

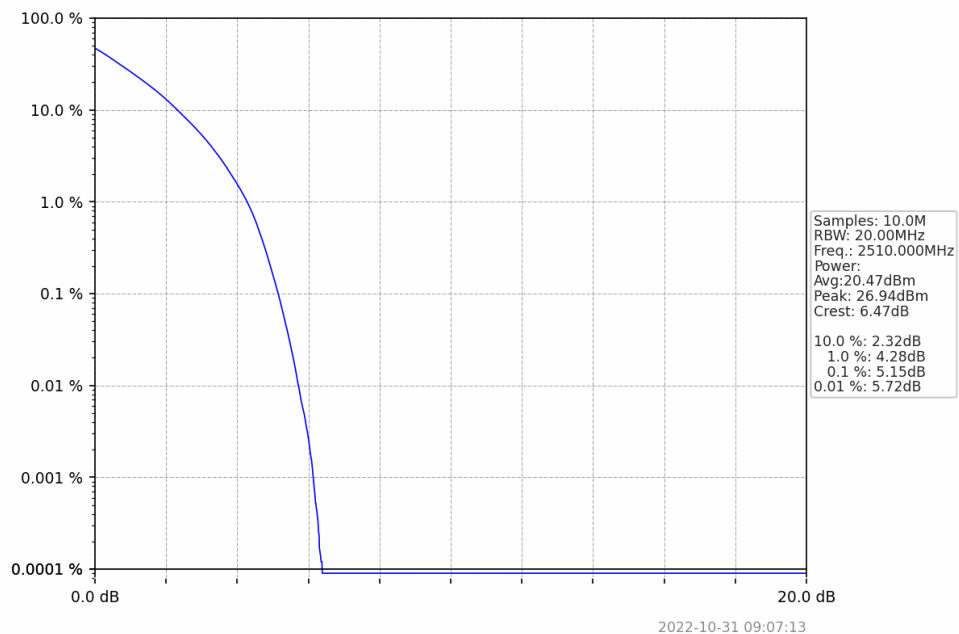




Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV

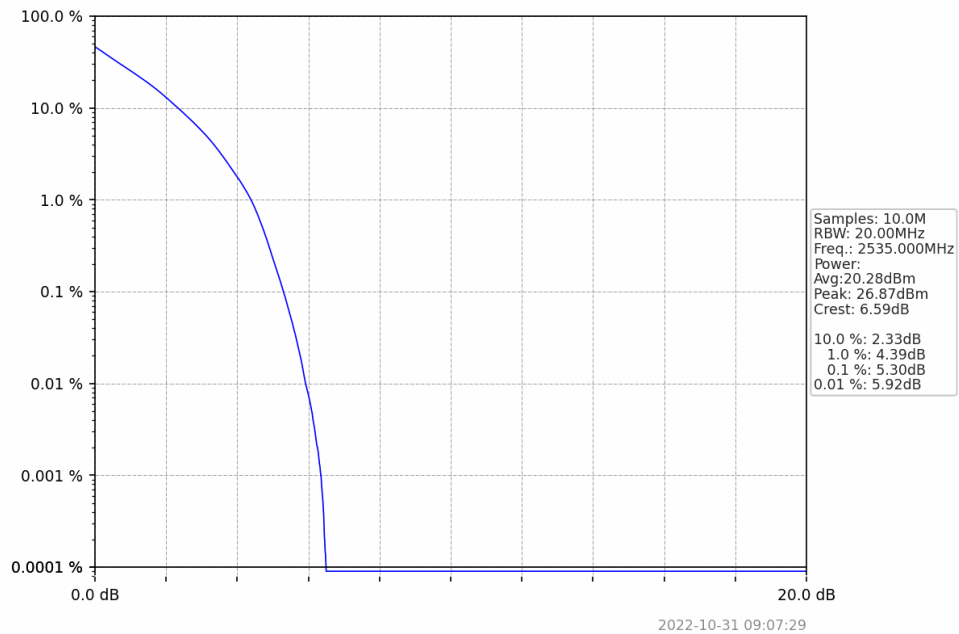


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

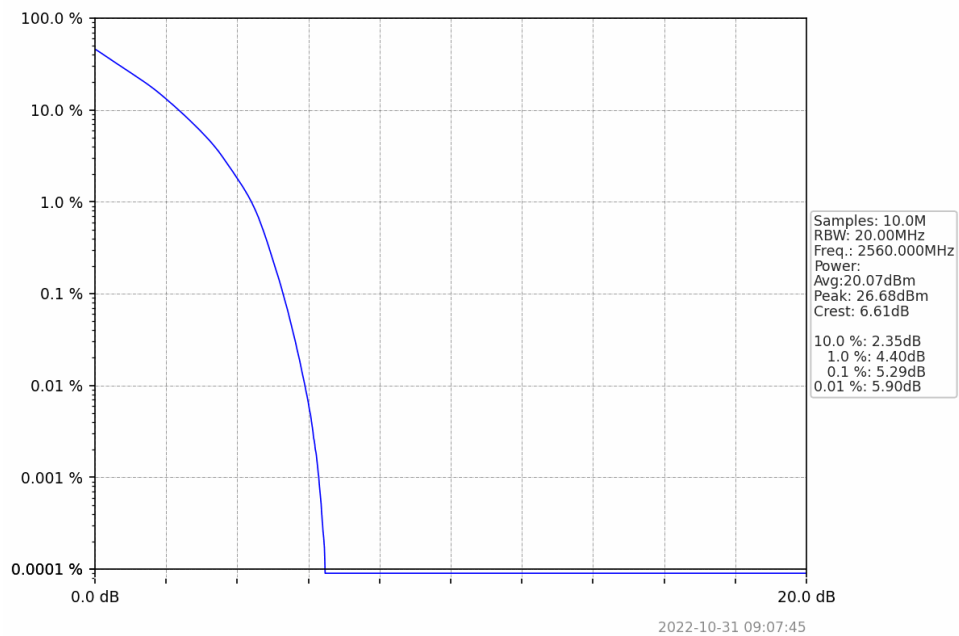




Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV

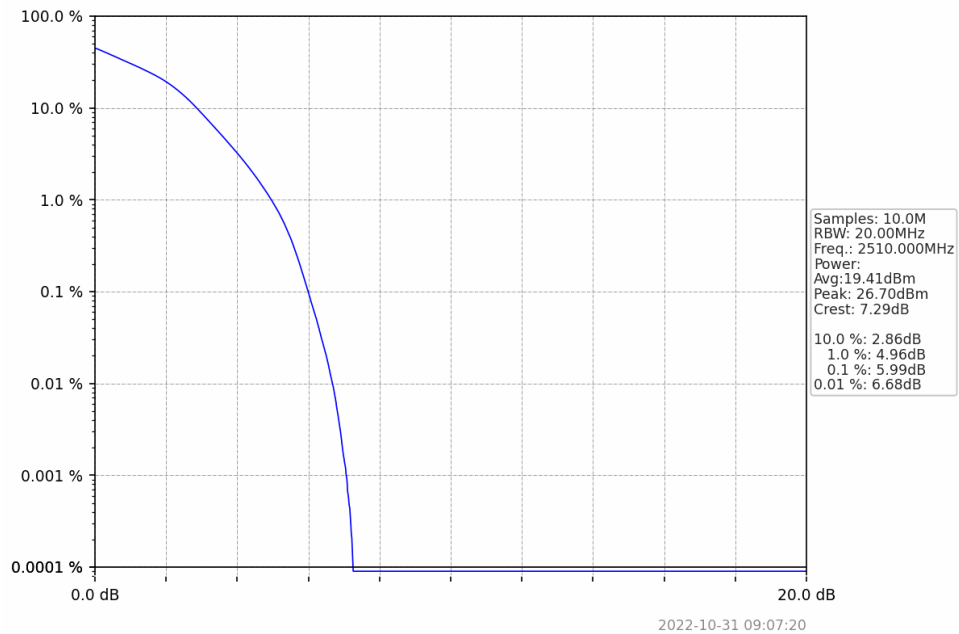


Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV

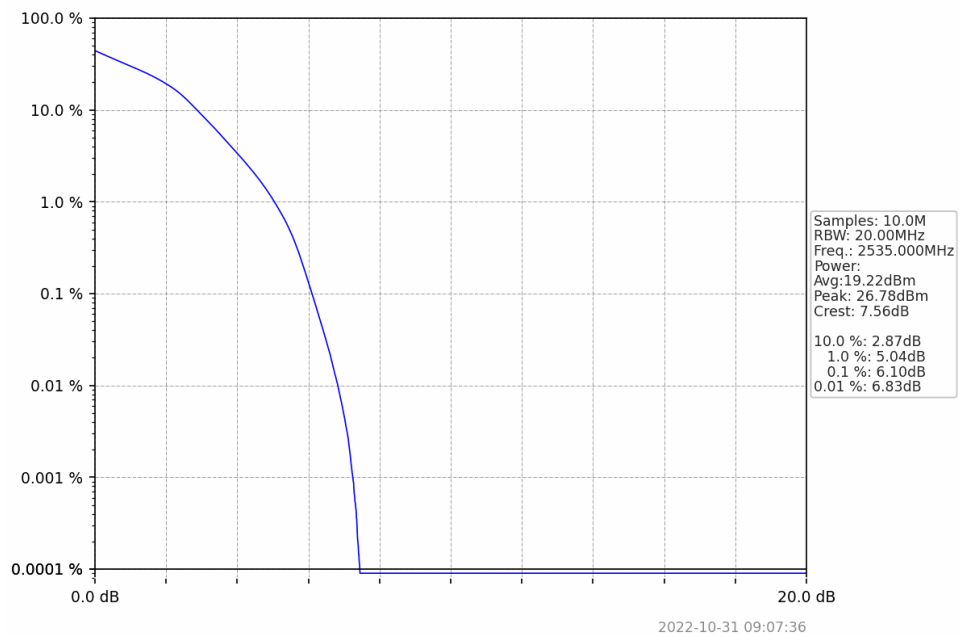


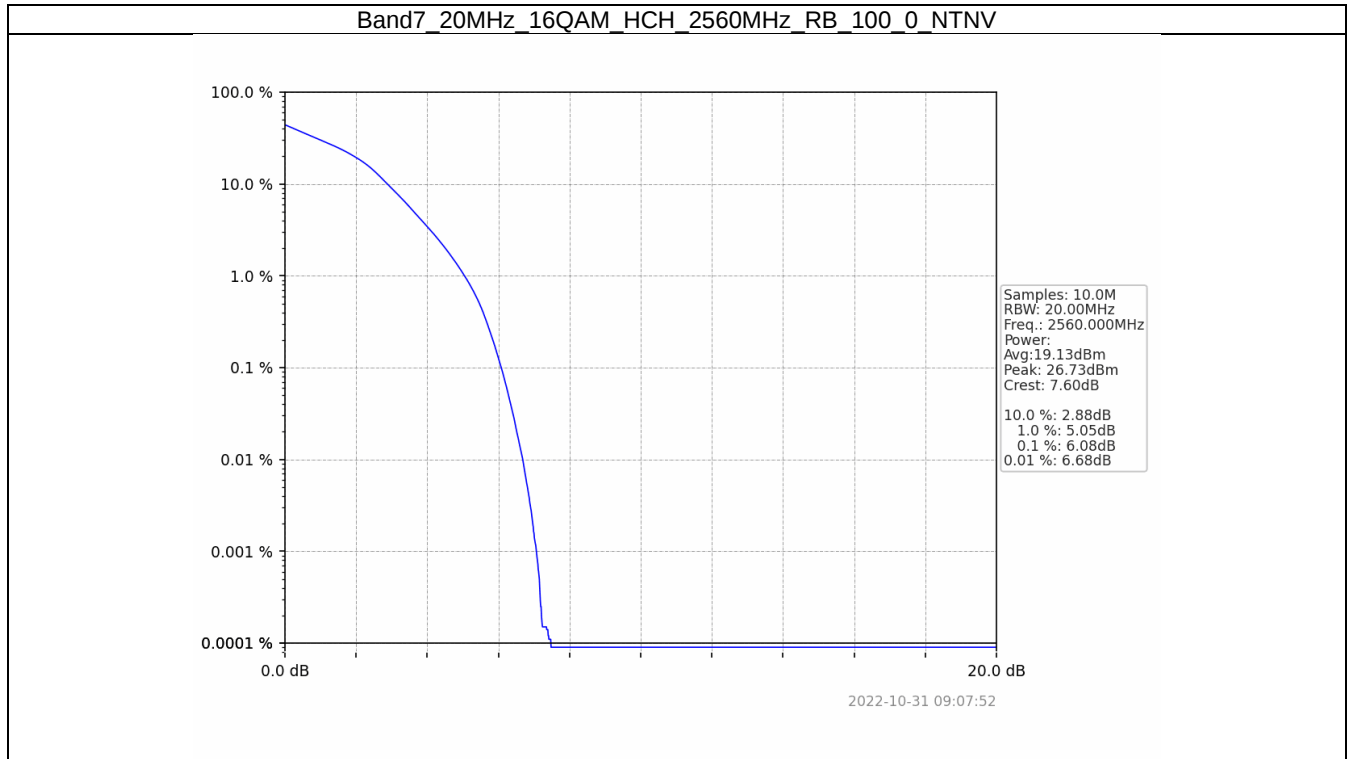


Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV







6. Spurious Emission

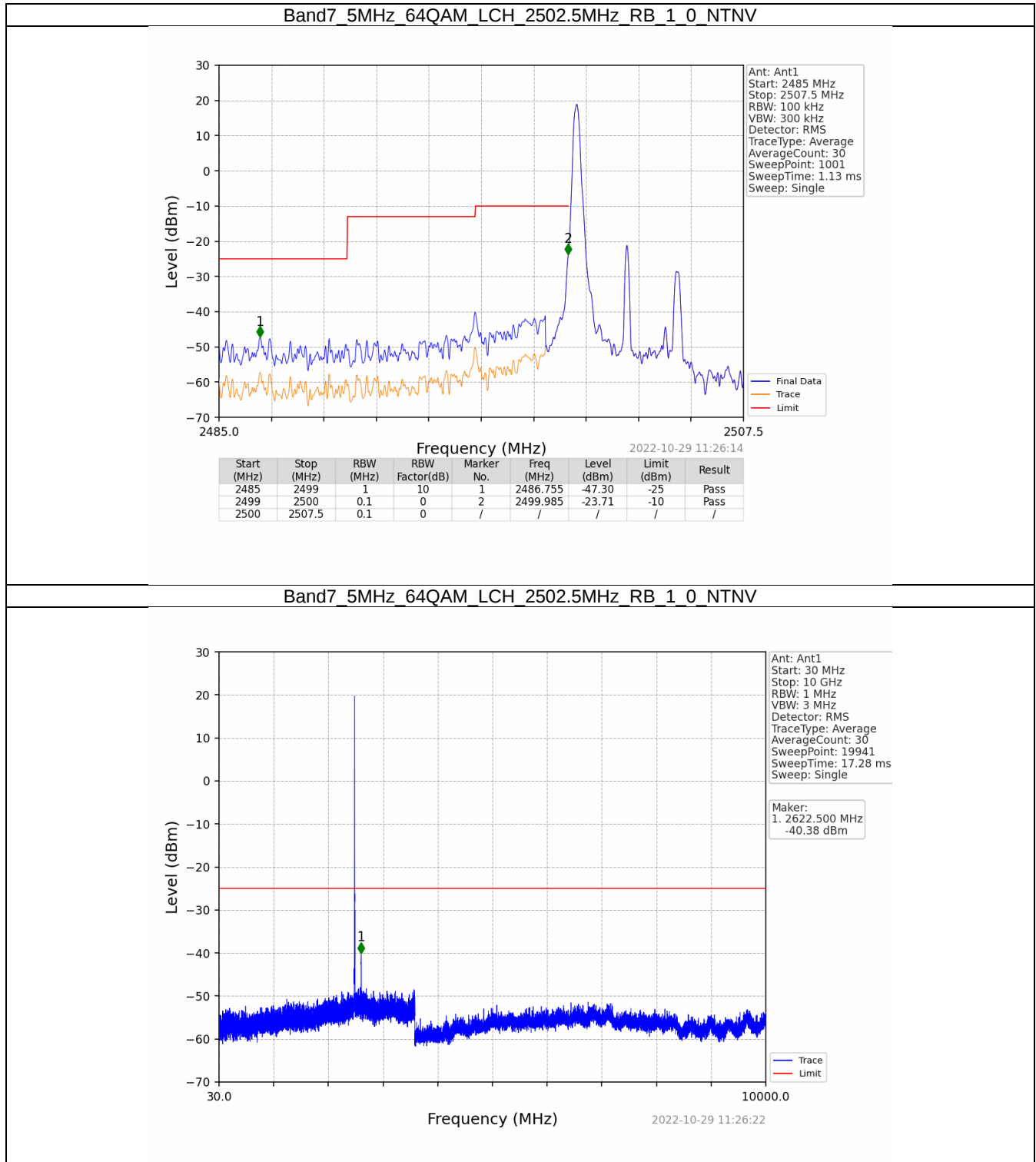
6.1 B7_5MHz

6.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
64QAM	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	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
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	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	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	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

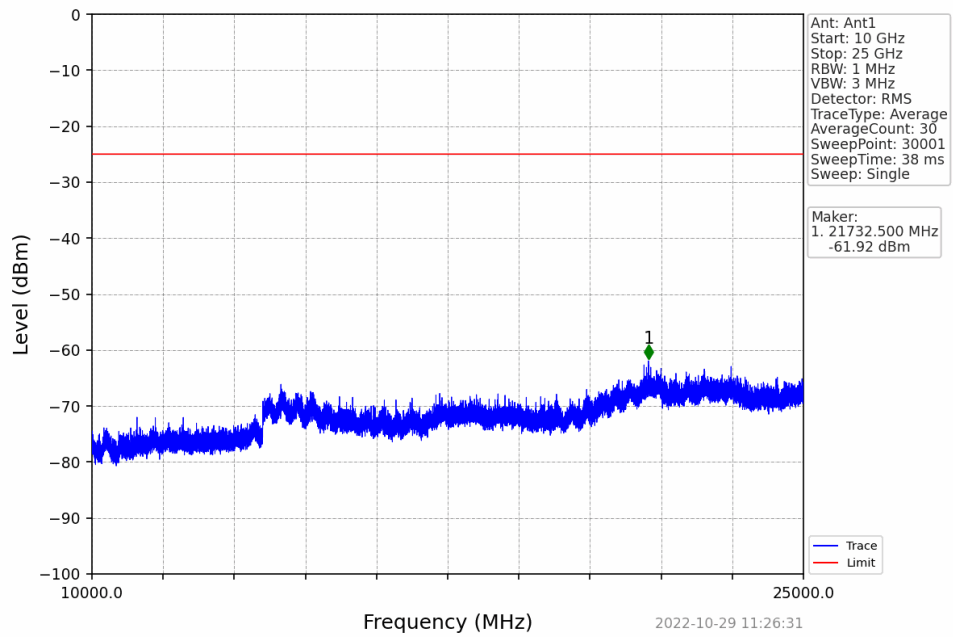


6.1.2 Test Graph

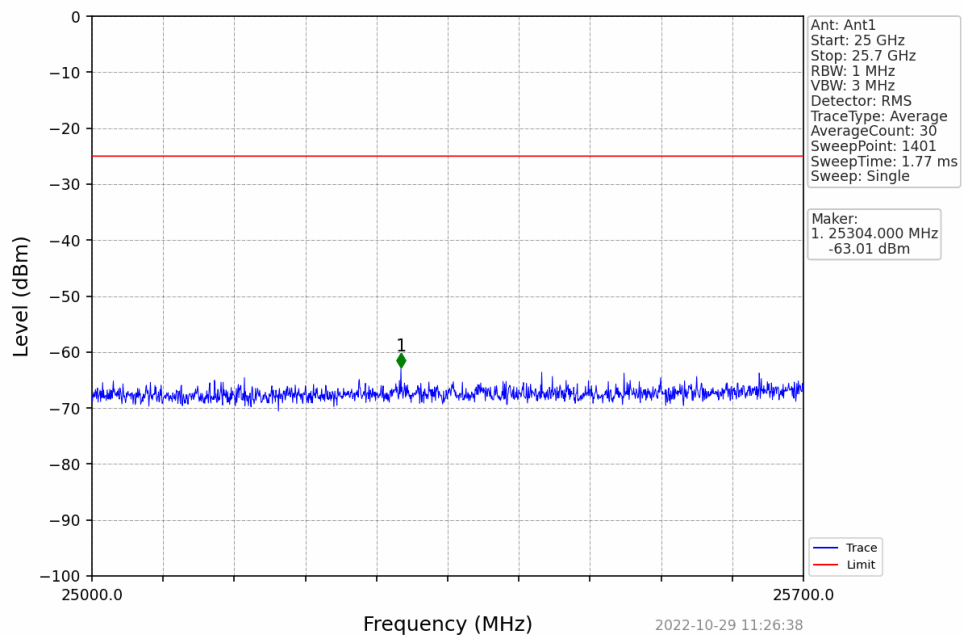




Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV

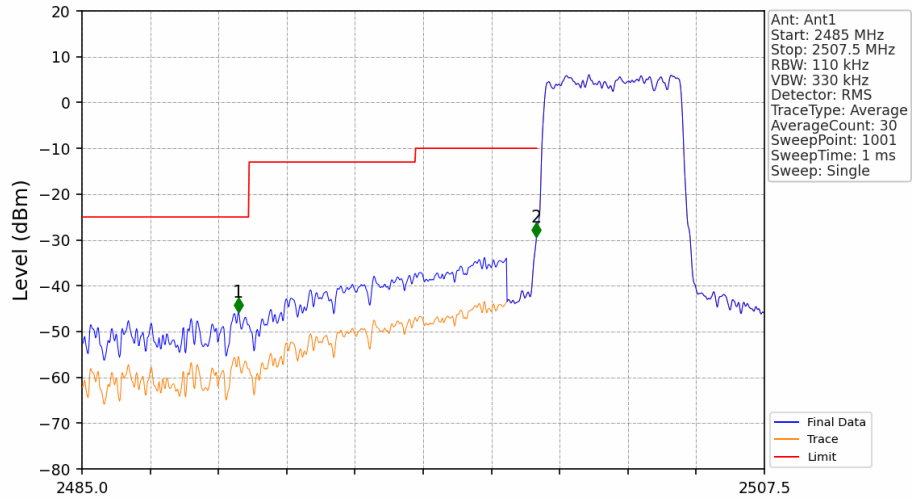


Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



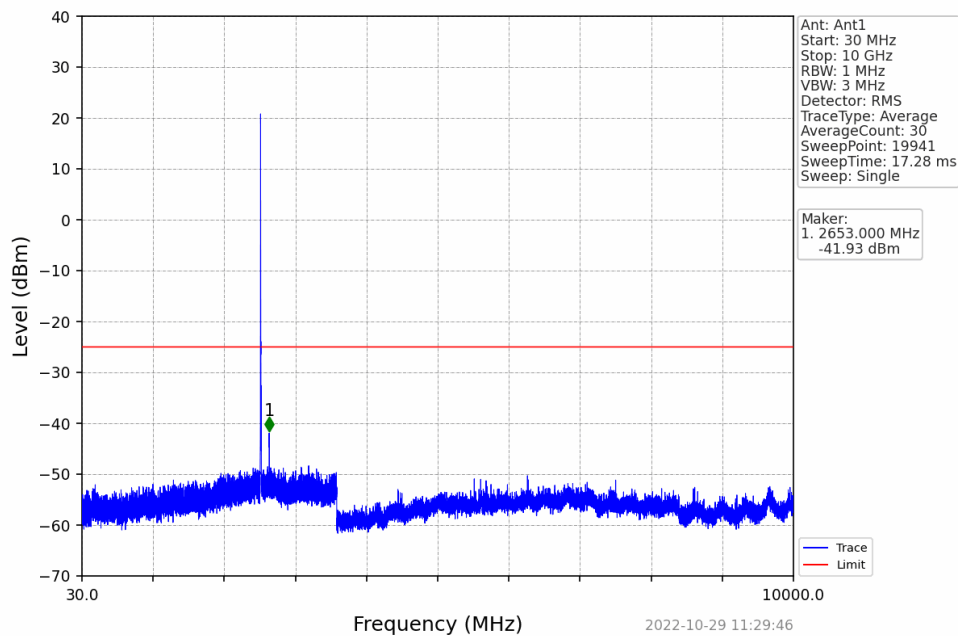


Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	9.59	1	2490.153	-45.86	-25	Pass
2499	2500	0.11	0	2	2499.985	-29.45	-10	Pass
2500	2507.5	0.11	0	/	/	/	/	/

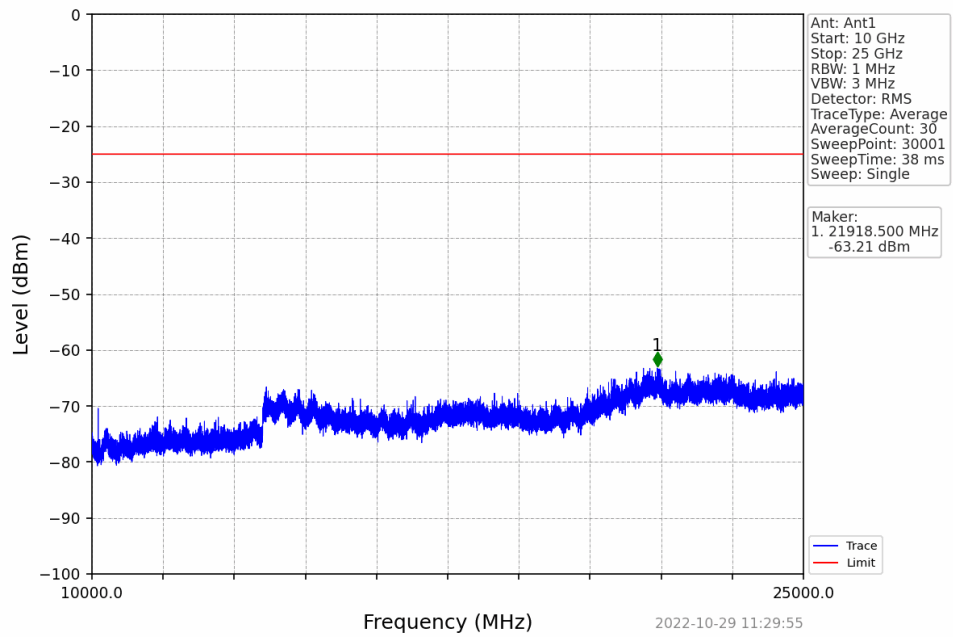
Band7_5MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



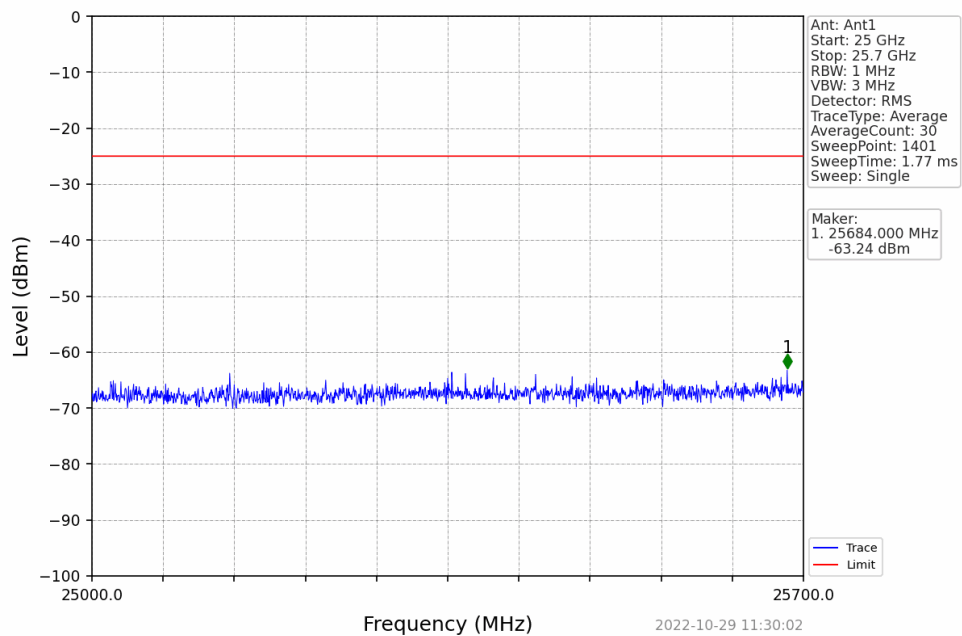
Maker:
1: 2653.000 MHz
-41.93 dBm



Band7_5MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

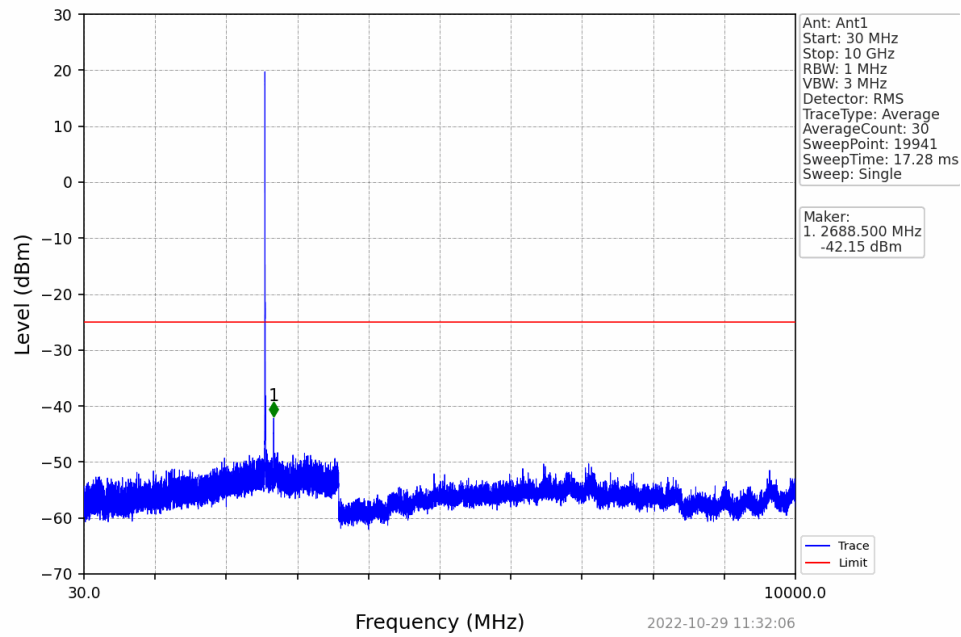


Band7_5MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

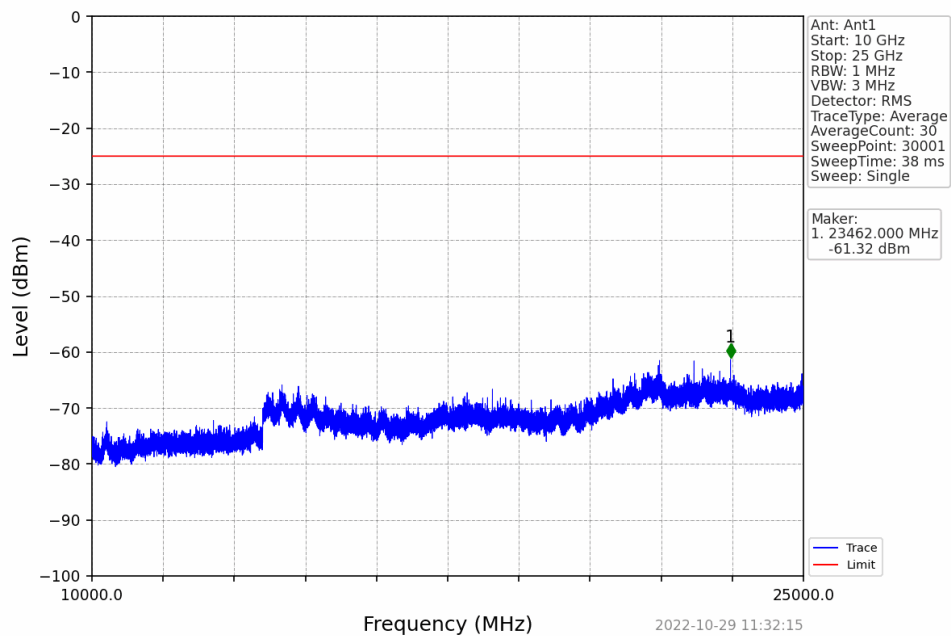




Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_0_NTNV

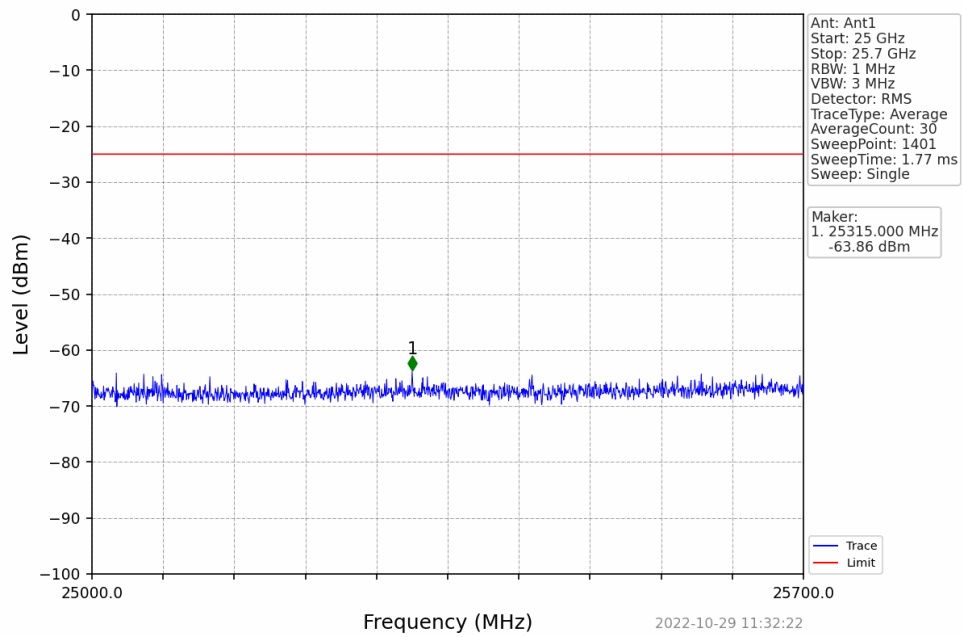


Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_0_NTNV

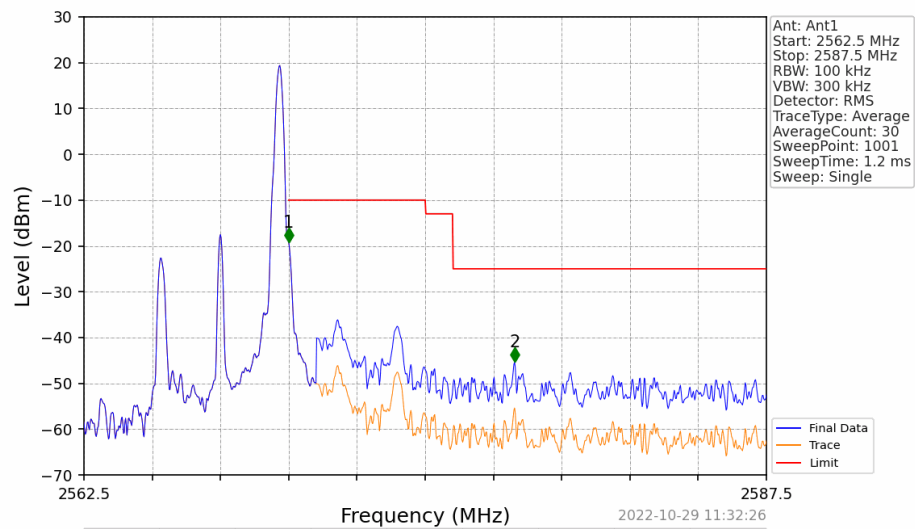




Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_0_NTNV

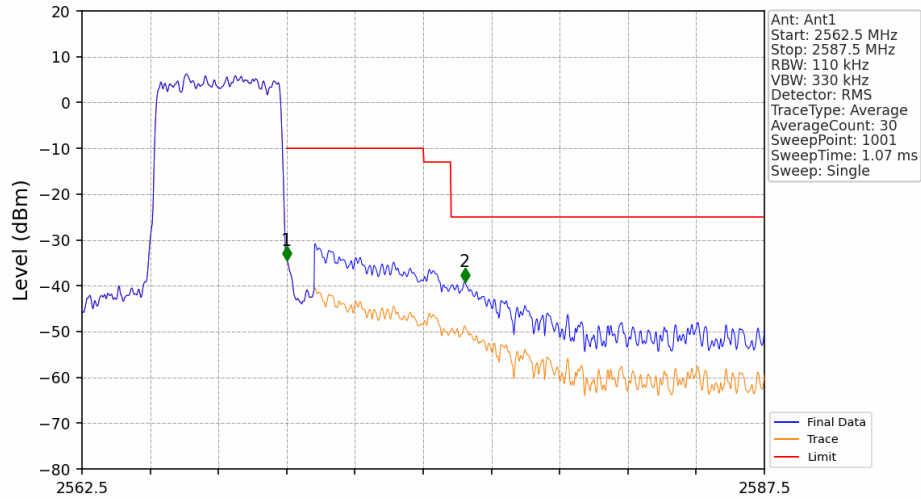


Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	0	/	/	/	/	/
2570	2571	0.1	0	1	2570.000	-19.19	-10	Pass
2571	2587.5	1	10	2	2578.275	-45.39	-25	Pass

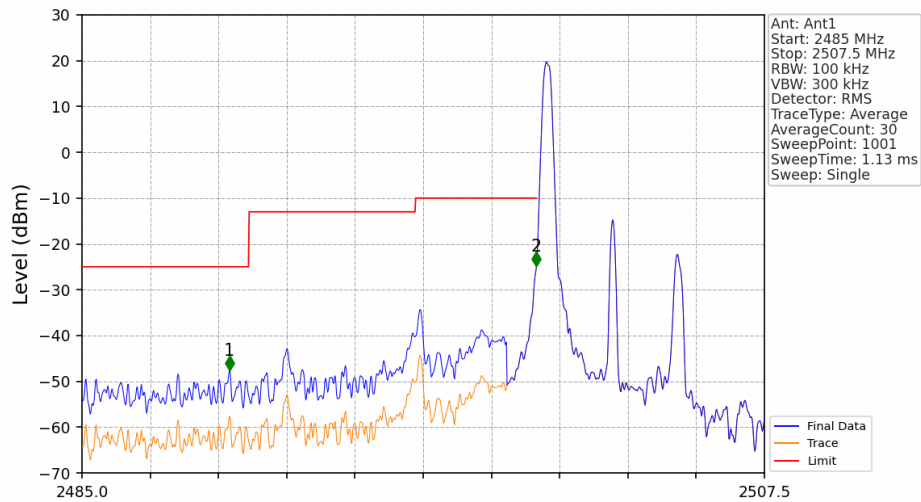
Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.11	0	/	/	/	/	/
2570	2571	0.11	0	1	2570.000	-34.45	-10	Pass
2571	2587.5	1	9.59	2	2576.525	-39.17	-25	Pass

2022-10-29 11:33:18

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

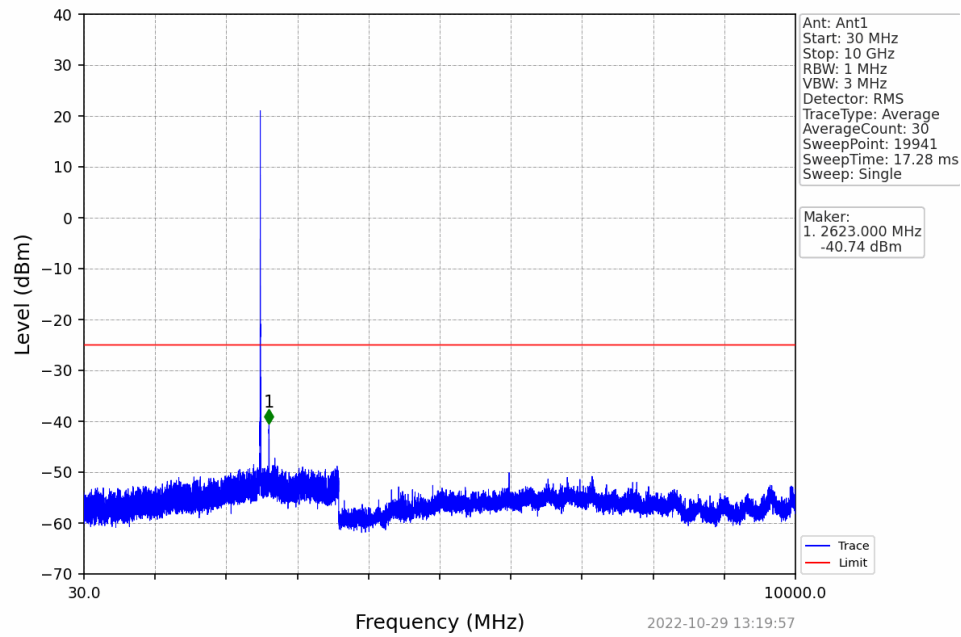


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	10	1	2489.860	-47.63	-25	Pass
2499	2500	0.1	0	2	2499.985	-24.91	-10	Pass
2500	2507.5	0.1	0	/	/	/	/	/

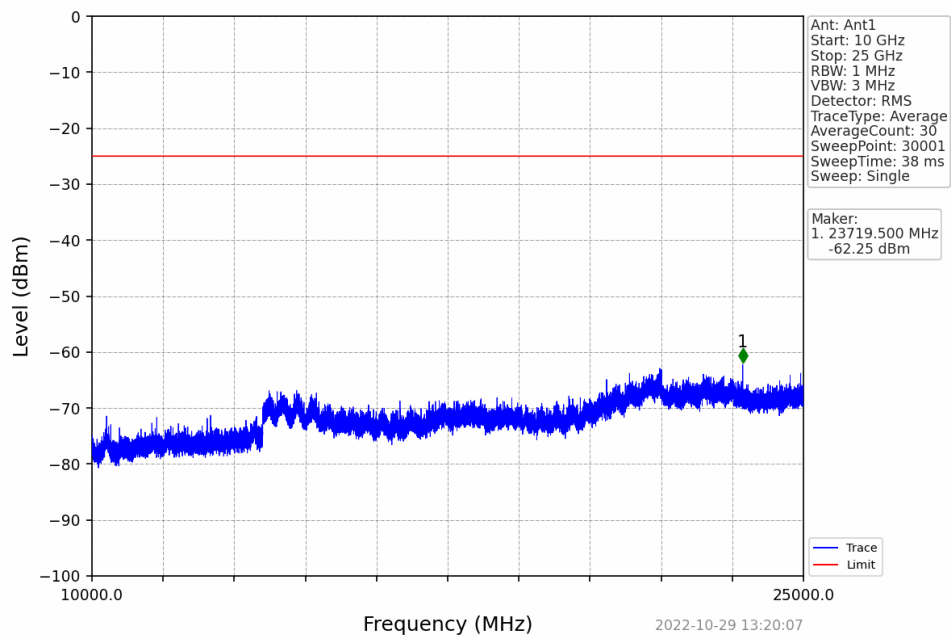
2022-10-29 13:19:49



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

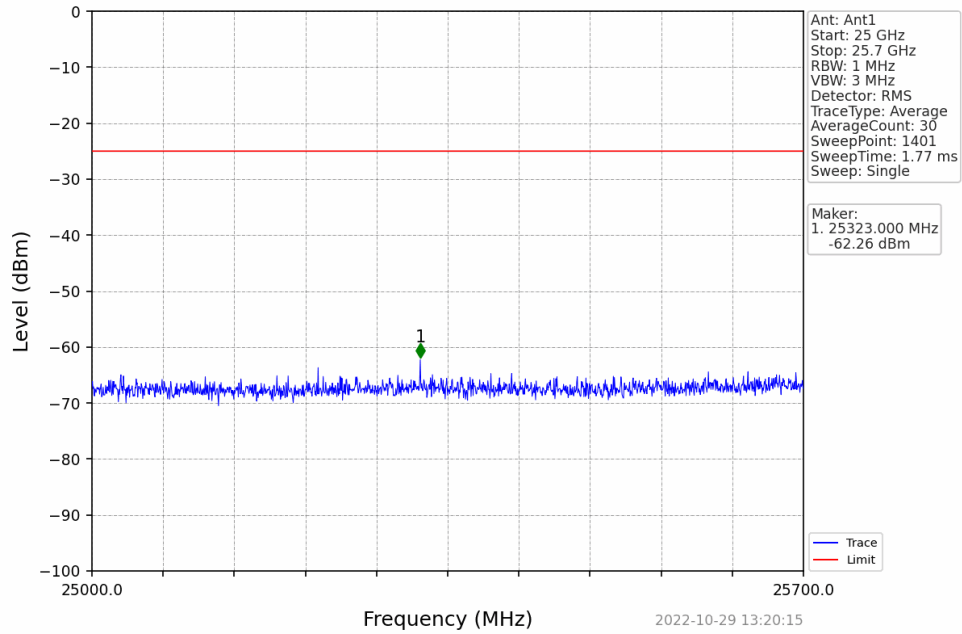


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

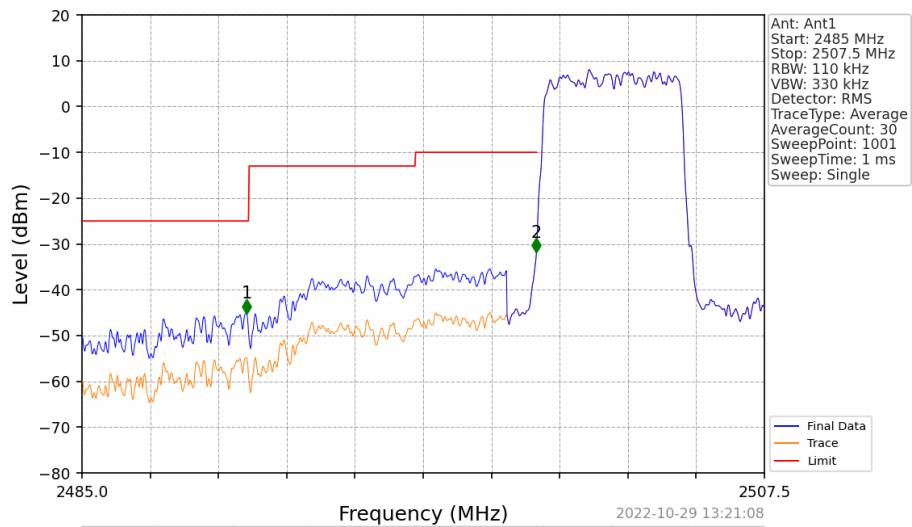




Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



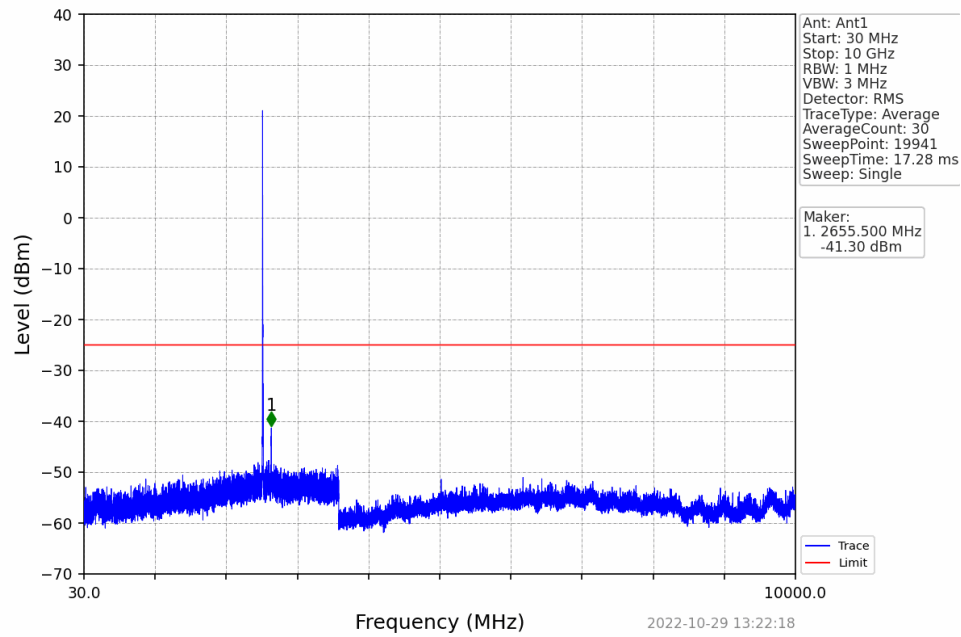
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



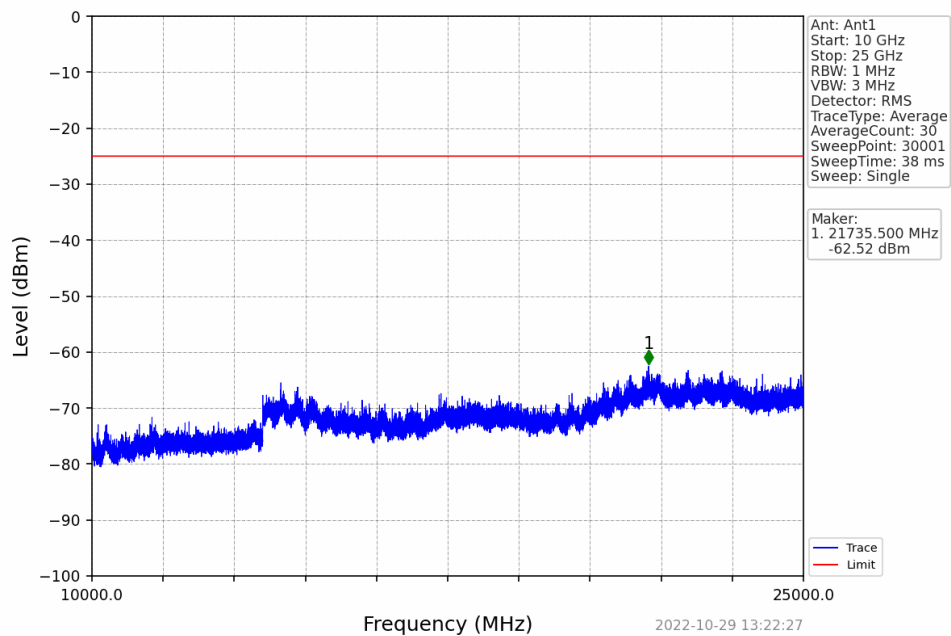
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	9.59	1	2490.423	-45.20	-25	Pass
2499	2500	0.11	0	2	2499.985	-31.91	-10	Pass
2500	2507.5	0.11	0	/	/	/	/	/



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

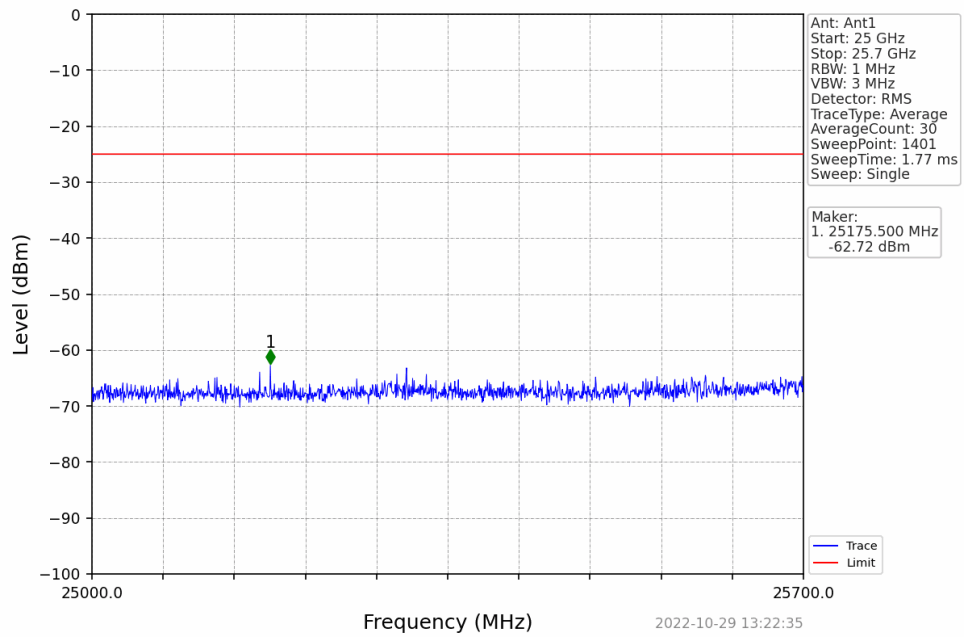


Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

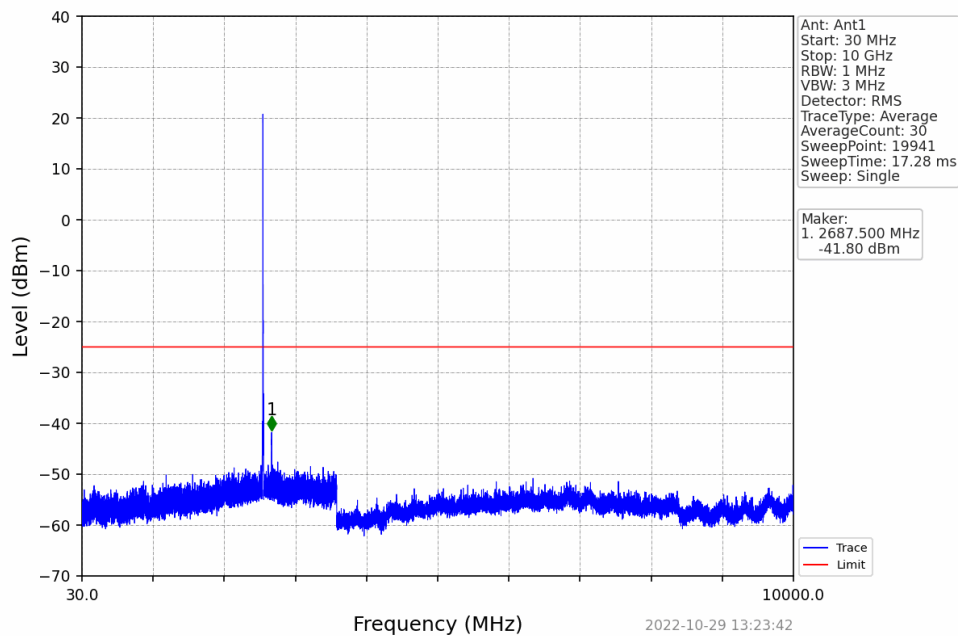




Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

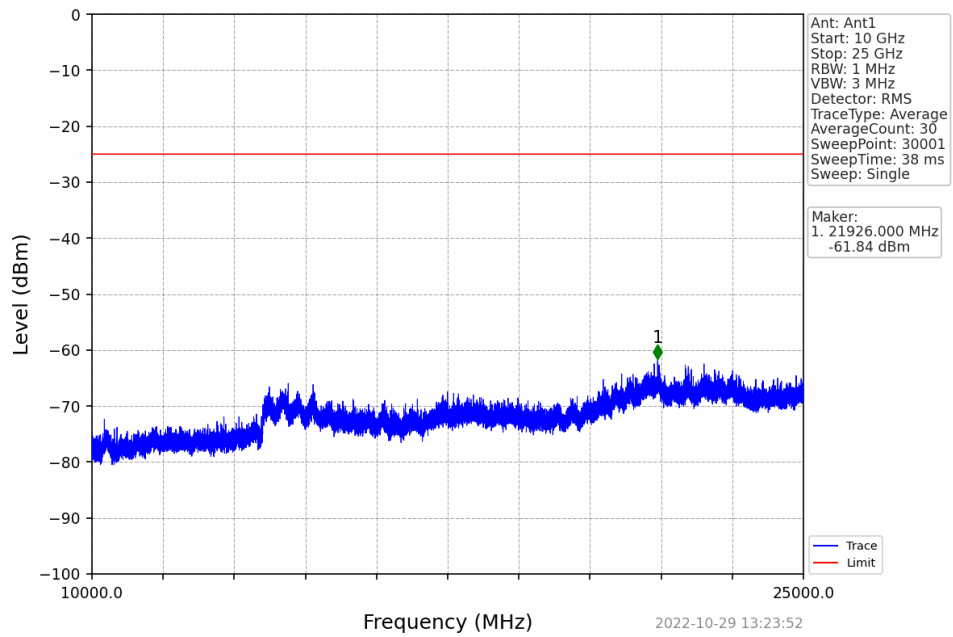


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

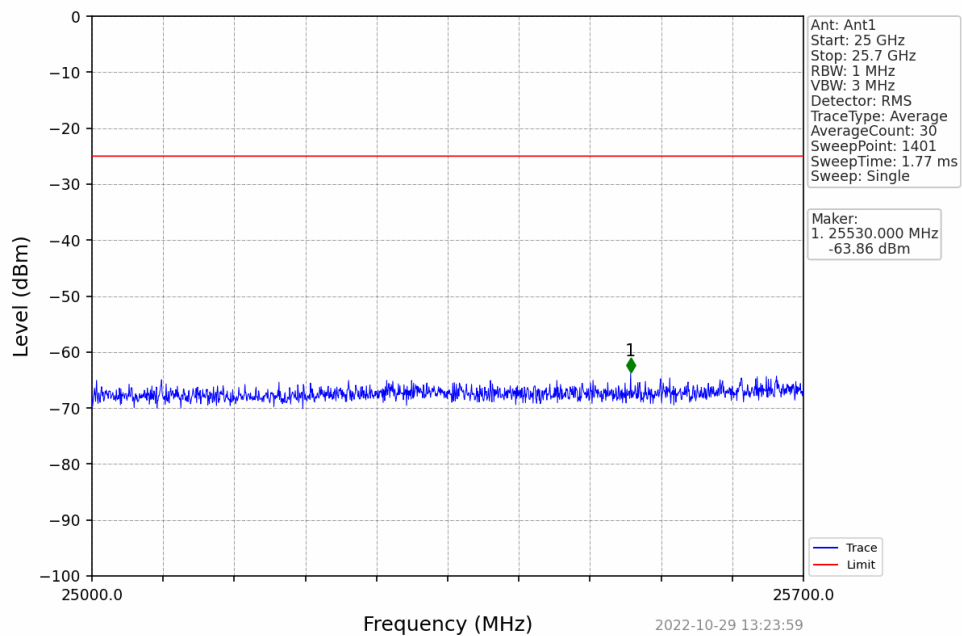




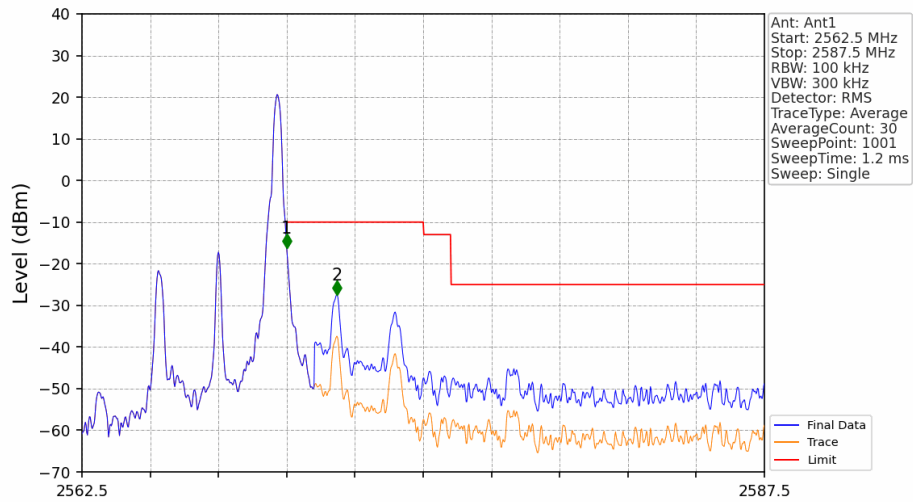
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



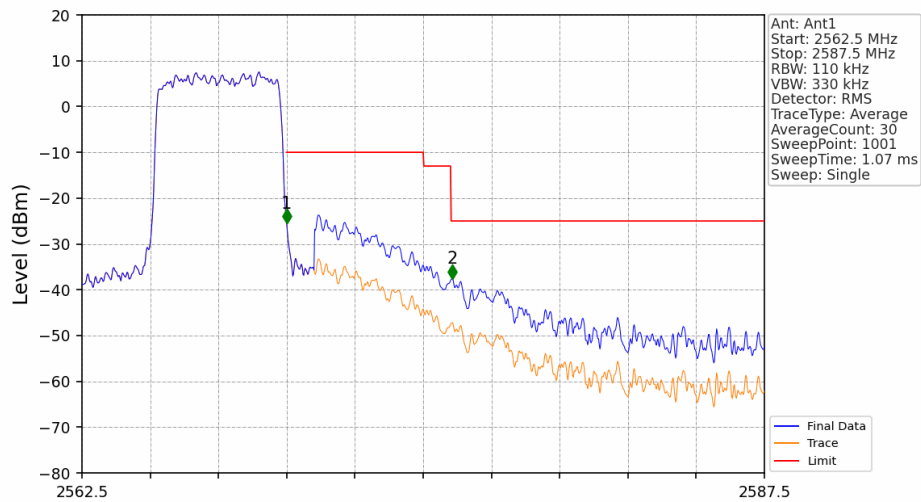
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV

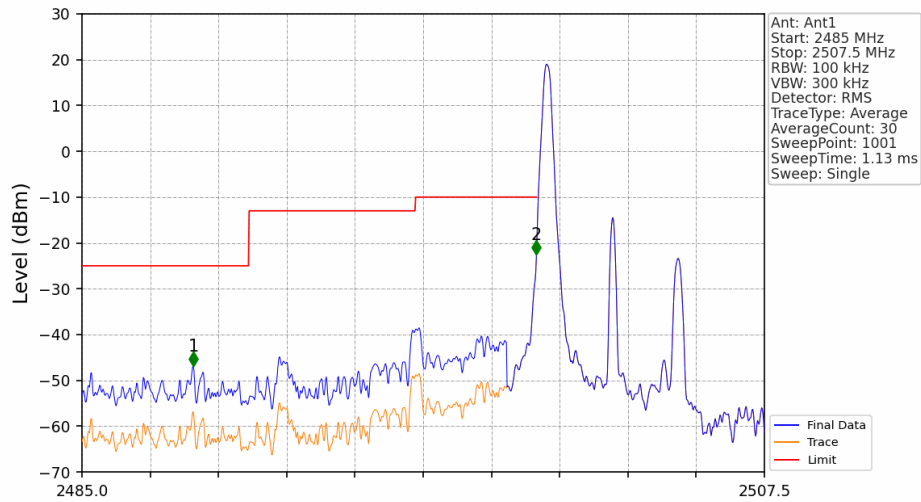


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



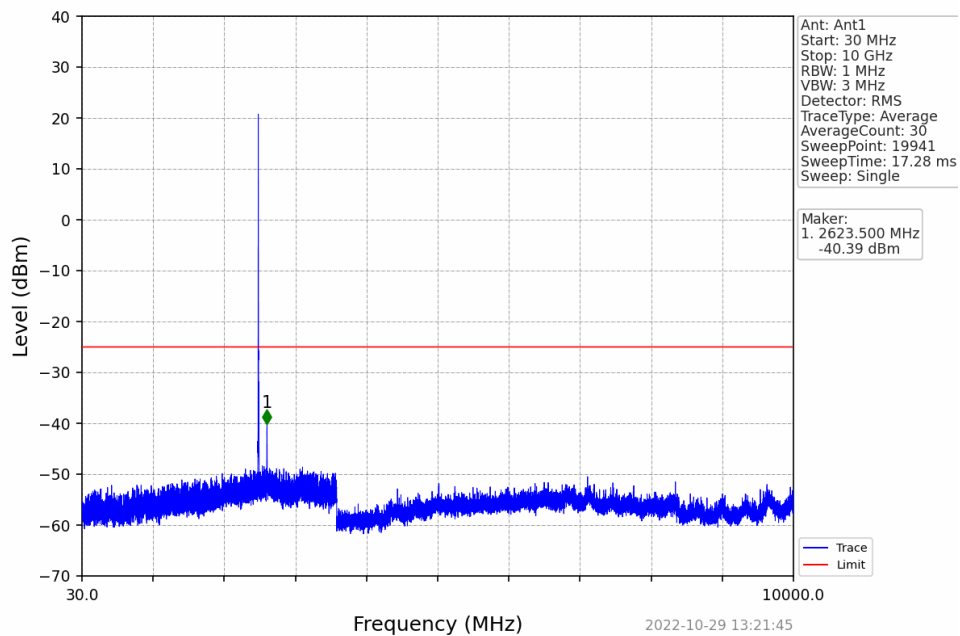


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



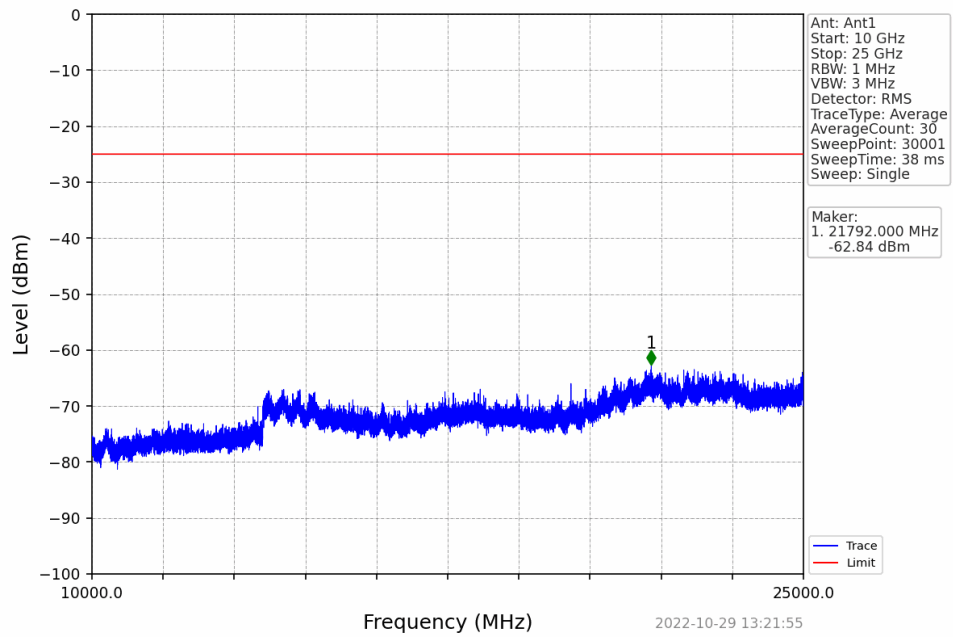
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	10	1	2488.668	-46.84	-25	Pass
2499	2500	0.1	0	2	2499.985	-22.59	-10	Pass
2500	2507.5	0.1	0	/	/	/	/	/

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

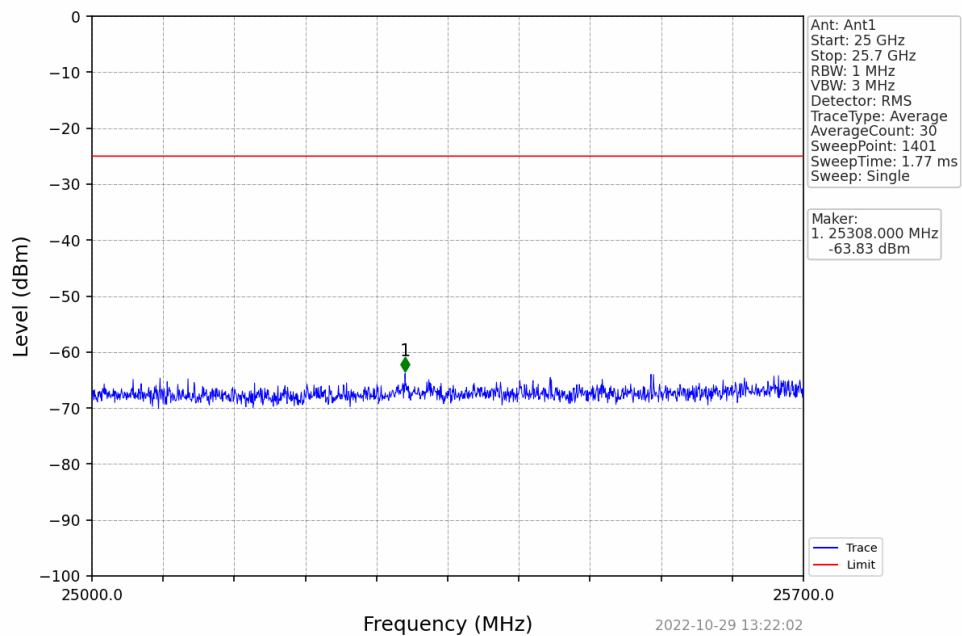




Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

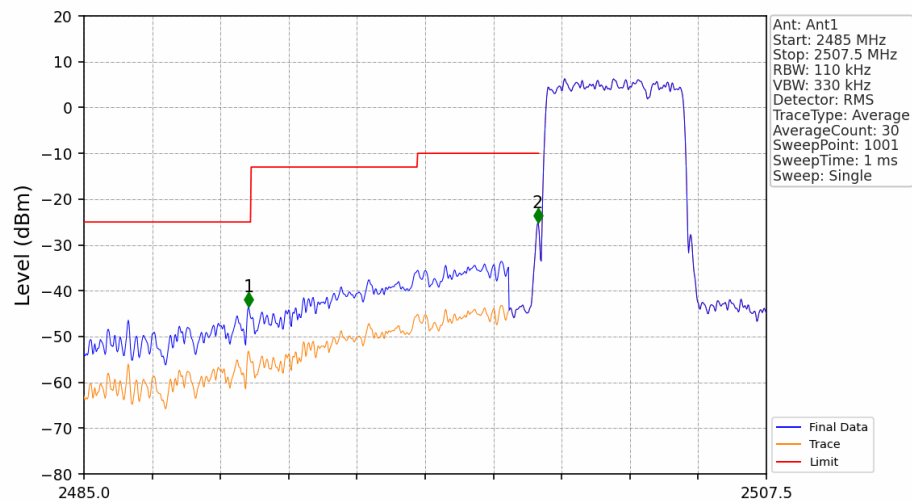


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



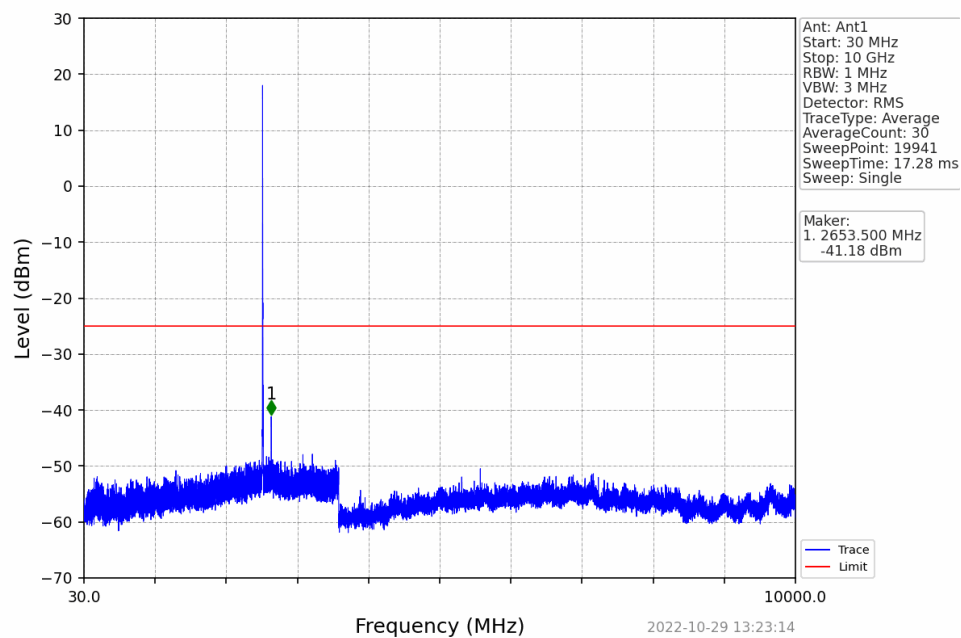


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



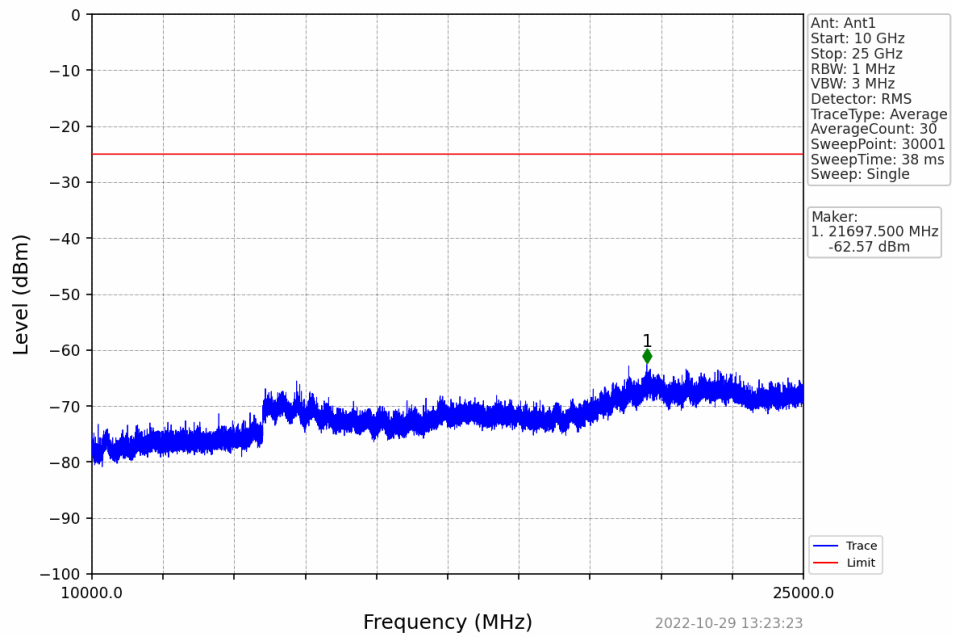
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	9.59	1	2490.423	-43.57	-25	Pass
2499	2500	0.11	0	2	2499.963	-25.13	-10	Pass
2500	2507.5	0.11	0	/	/	/	/	/

Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV

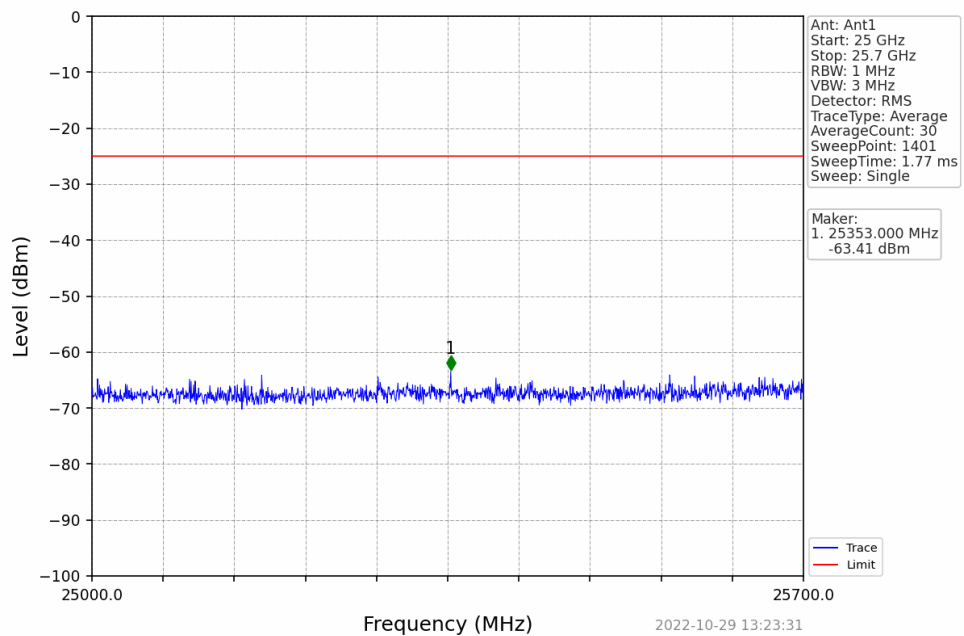




Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV

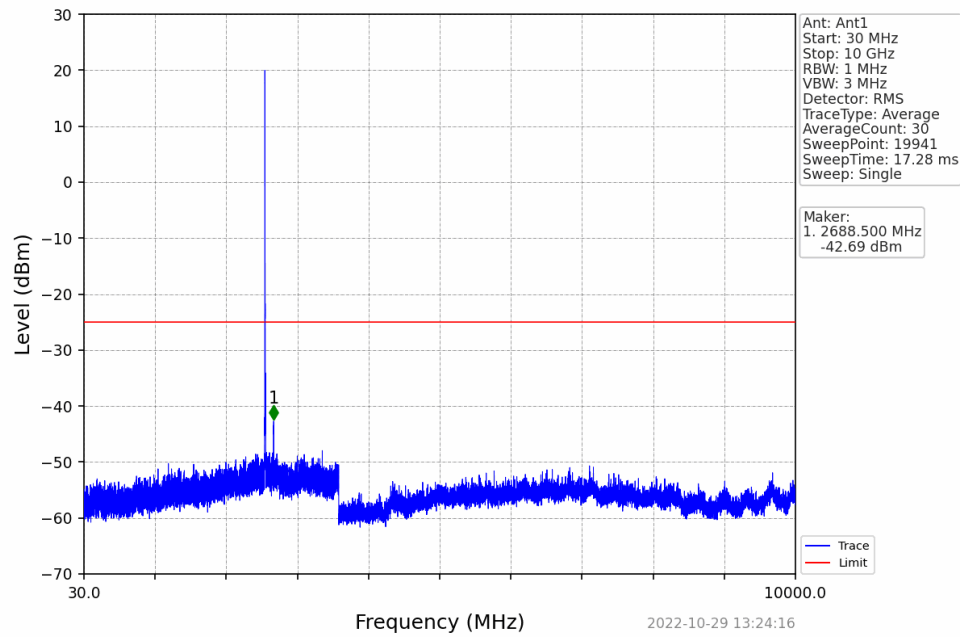


Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV

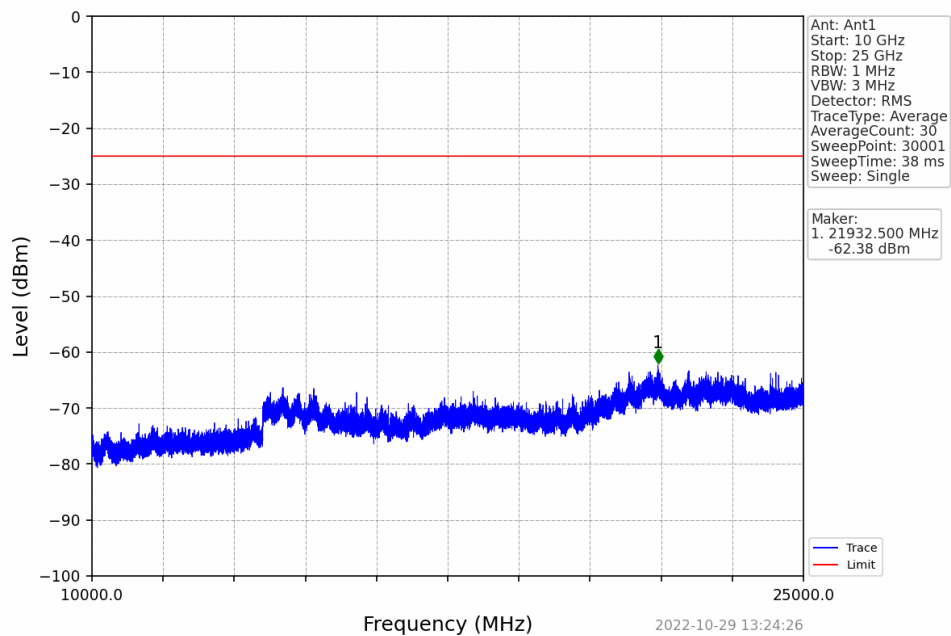




Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV

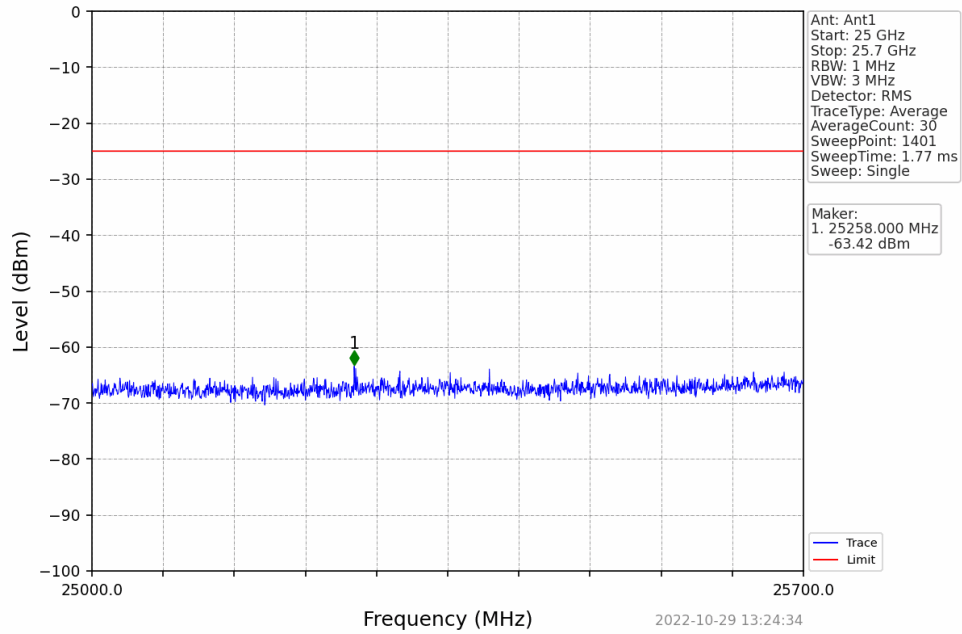


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV

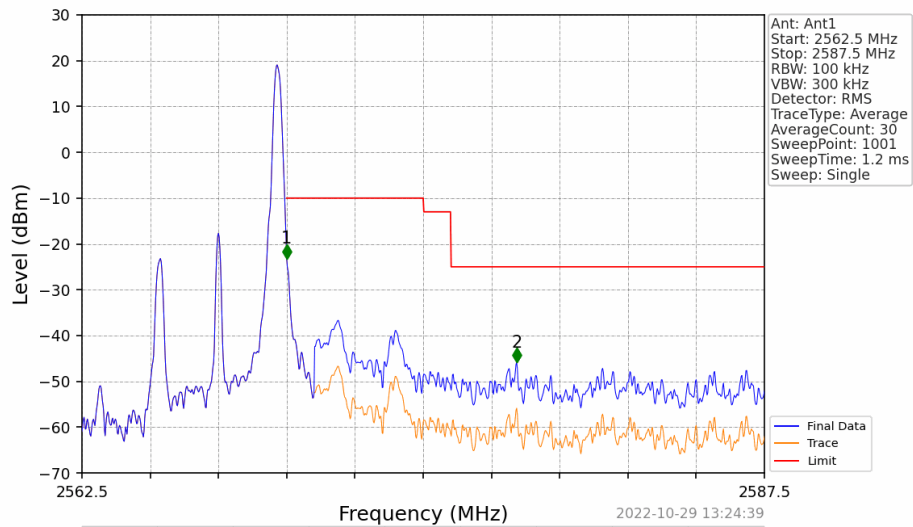




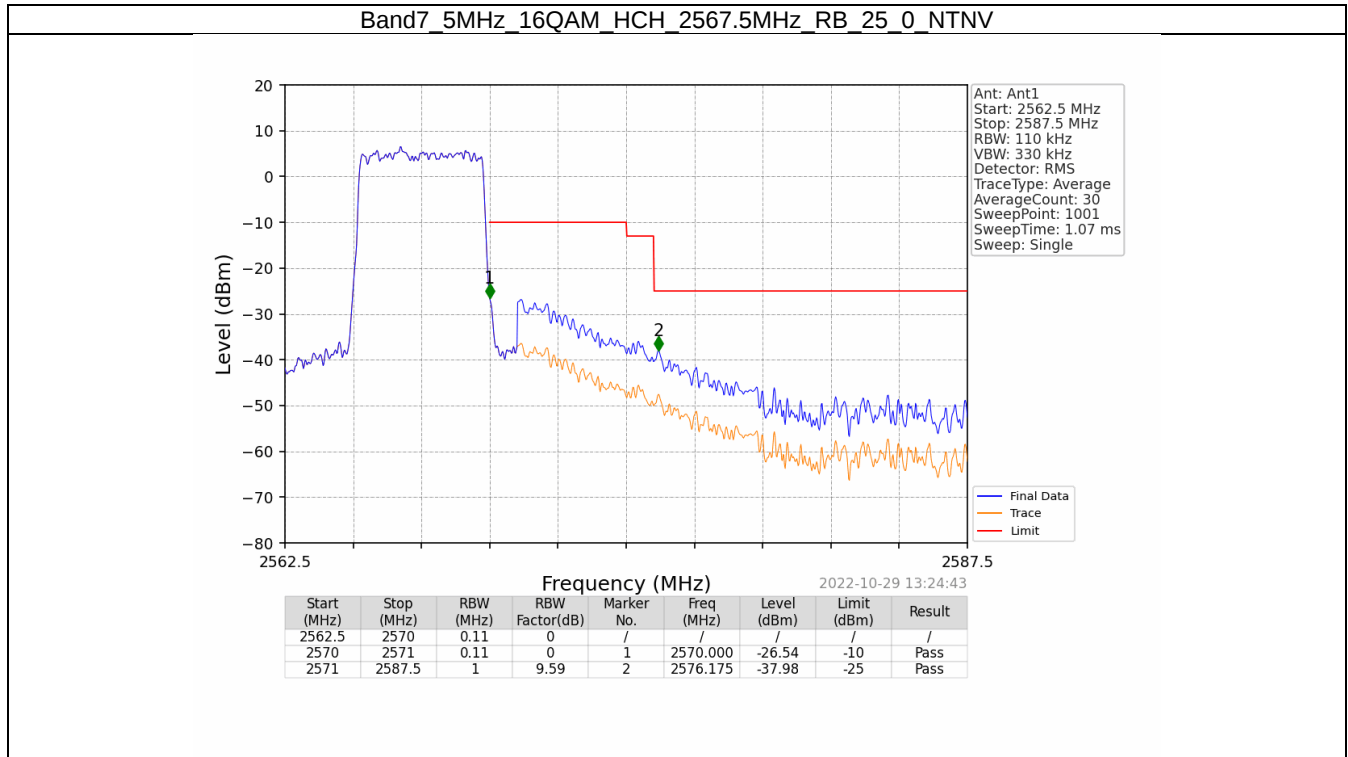
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	0	/	/	/	/	/
2570	2571	0.1	0	1	2570.000	-23.19	-10	Pass
2571	2587.5	1	10	2	2578.425	-45.87	-25	Pass





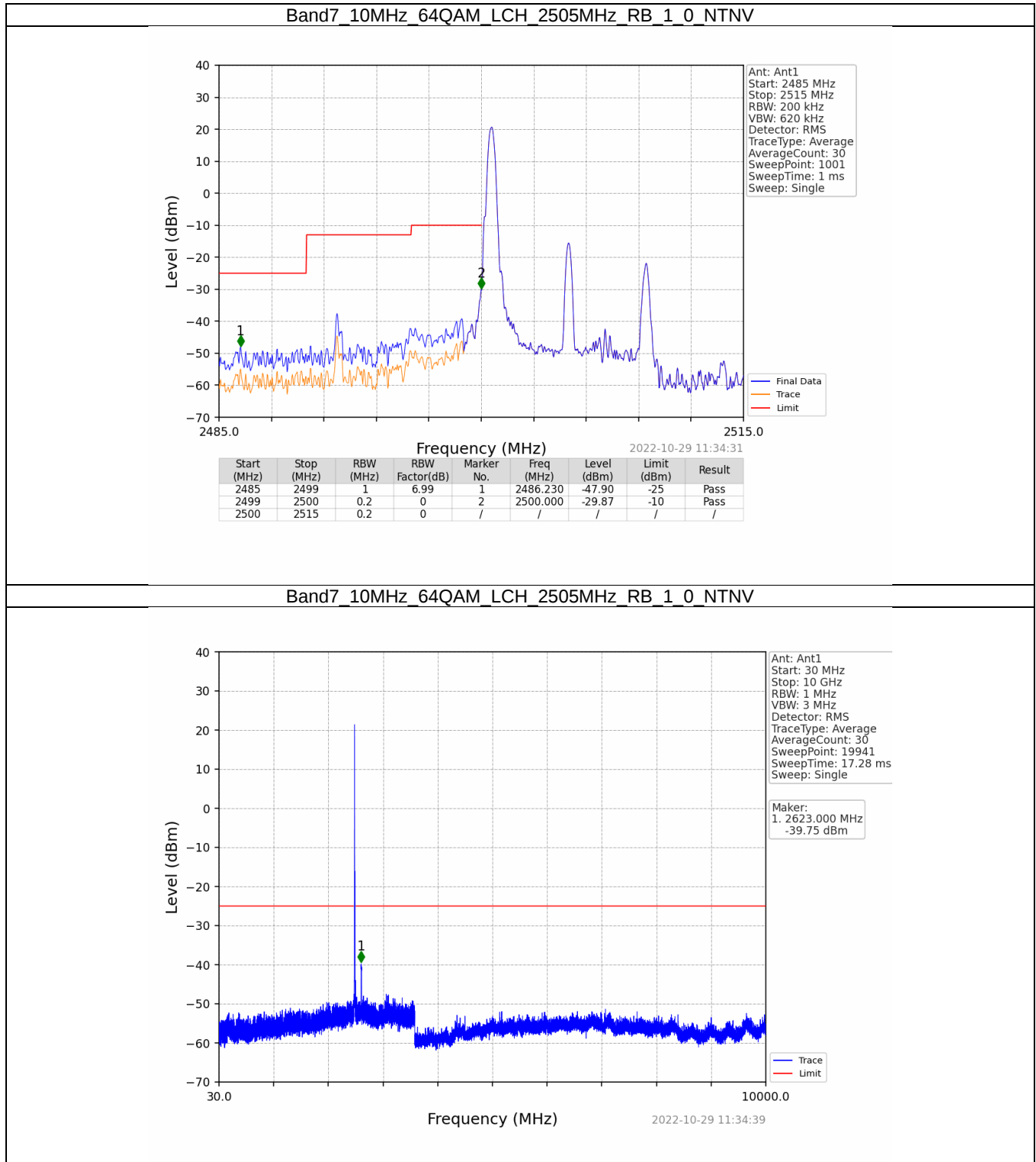
6.2 B7_10MHz

6.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	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
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
16QAM	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

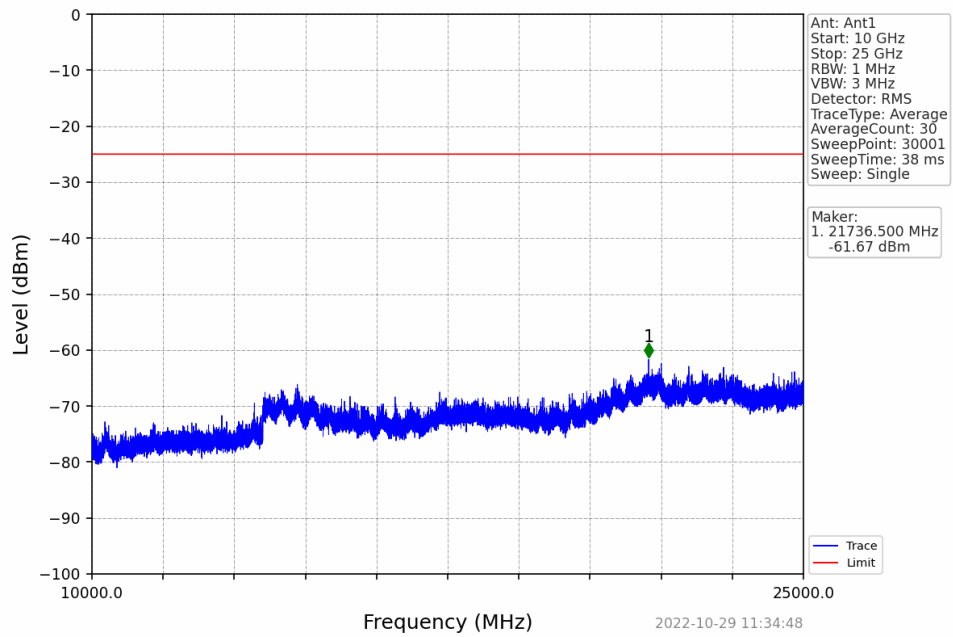


6.2.2 Test Graph

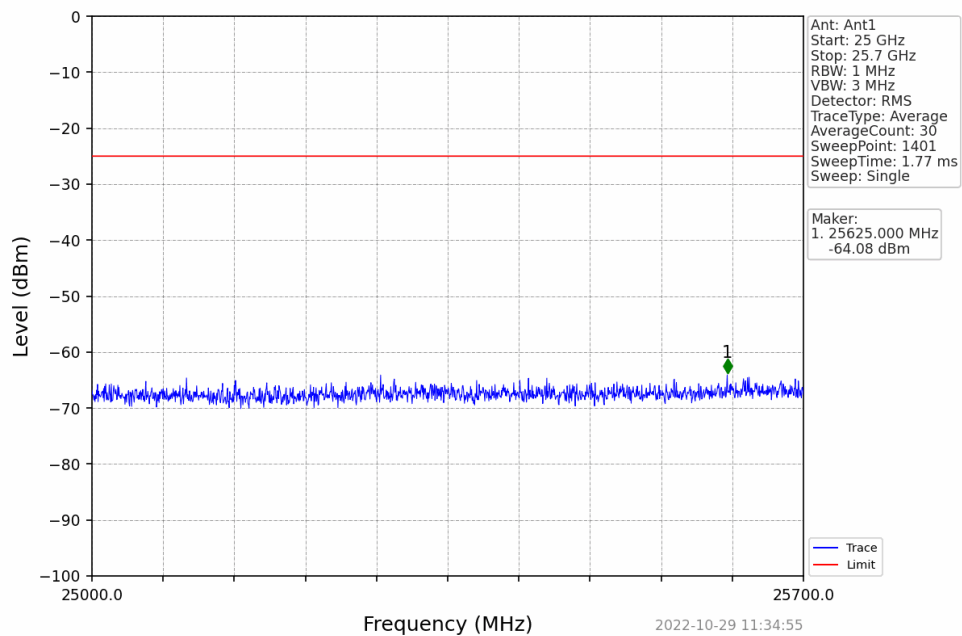




Band7_10MHz_64QAM_LCH_2505MHz_RB_1_0_NTNV

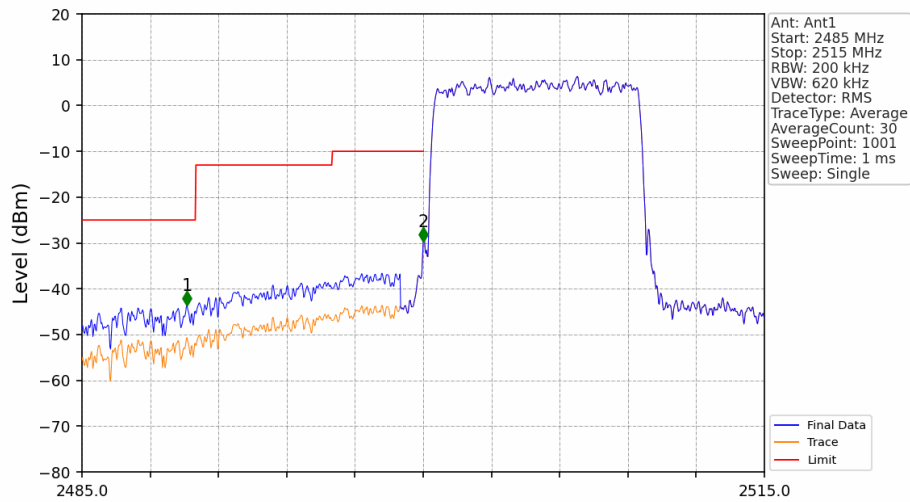


Band7_10MHz_64QAM_LCH_2505MHz_RB_1_0_NTNV



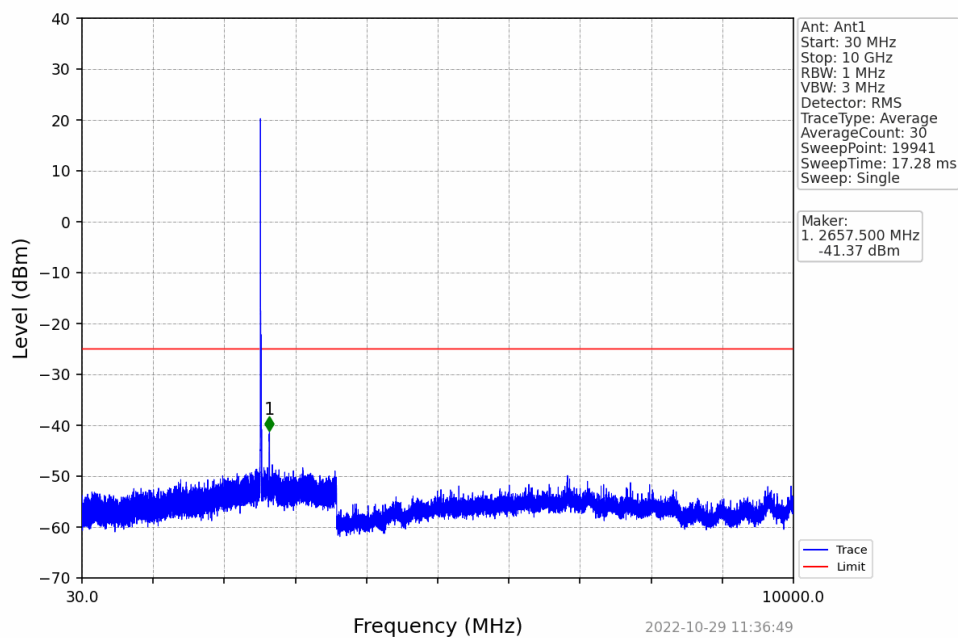


Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



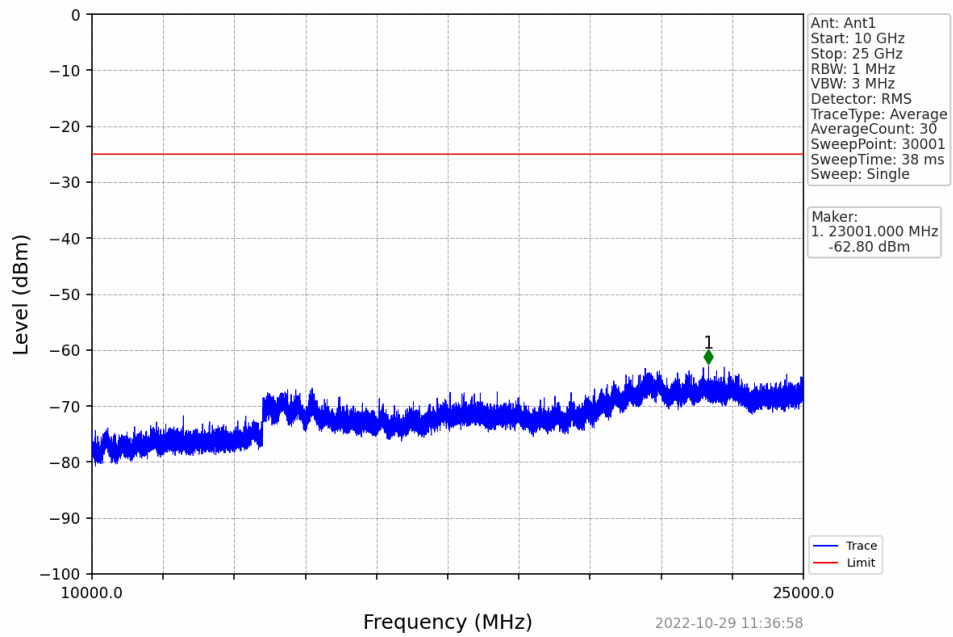
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	6.99	1	2489.620	-43.67	-25	Pass
2499	2500	0.2	0	2	2500.000	-29.71	-10	Pass
2500	2515	0.2	0	/	/	/	/	/

Band7_10MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

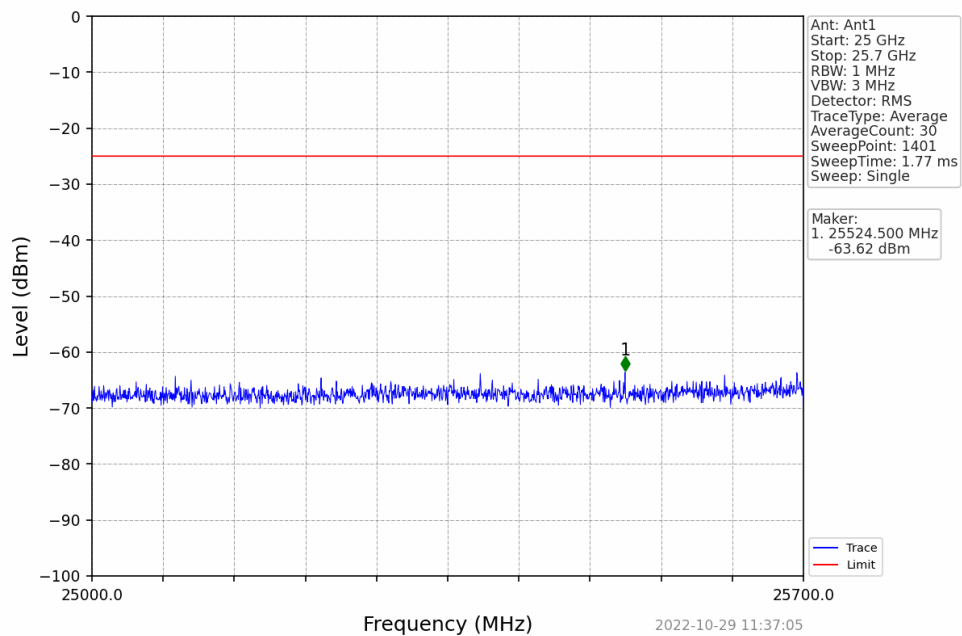




Band7_10MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

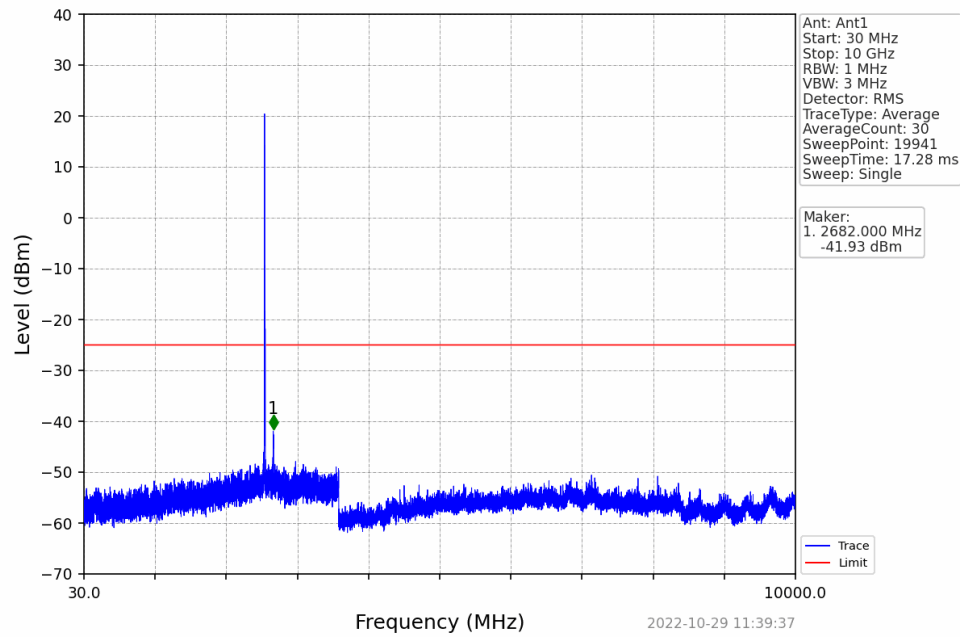


Band7_10MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

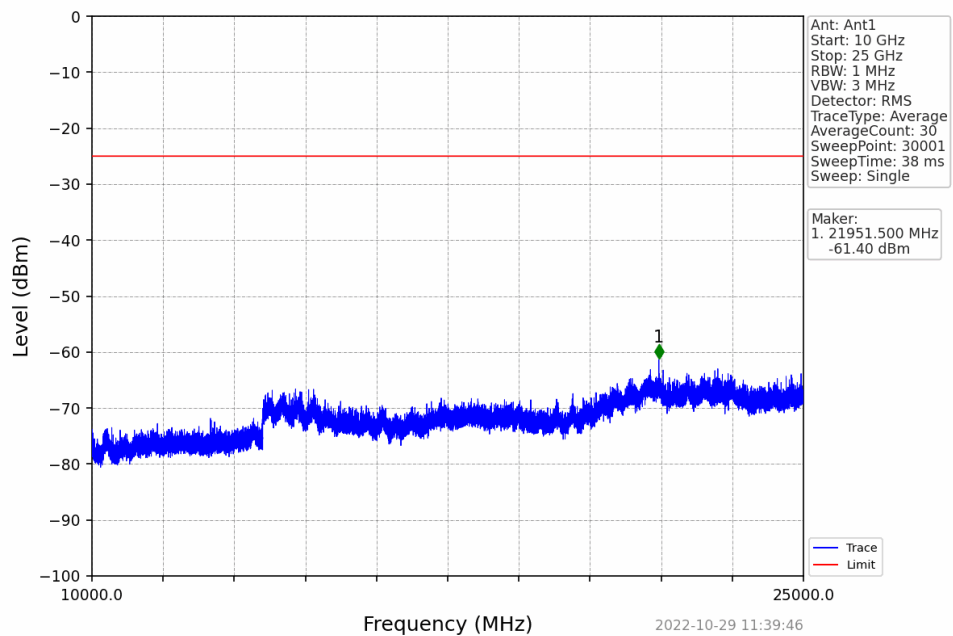




Band7_10MHz_64QAM_HCH_2565MHz_RB_1_0_NTNV

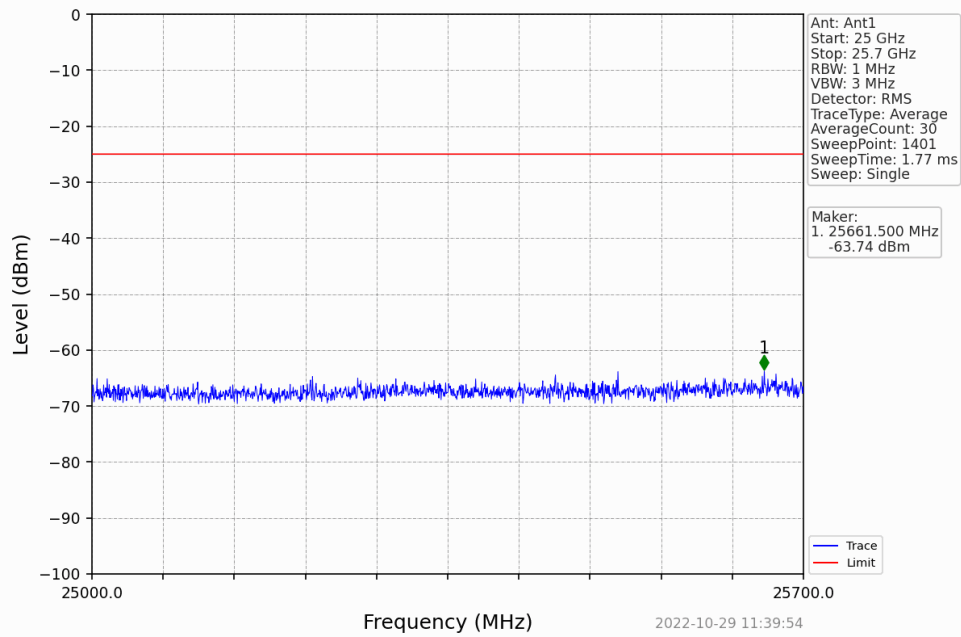


Band7_10MHz_64QAM_HCH_2565MHz_RB_1_0_NTNV

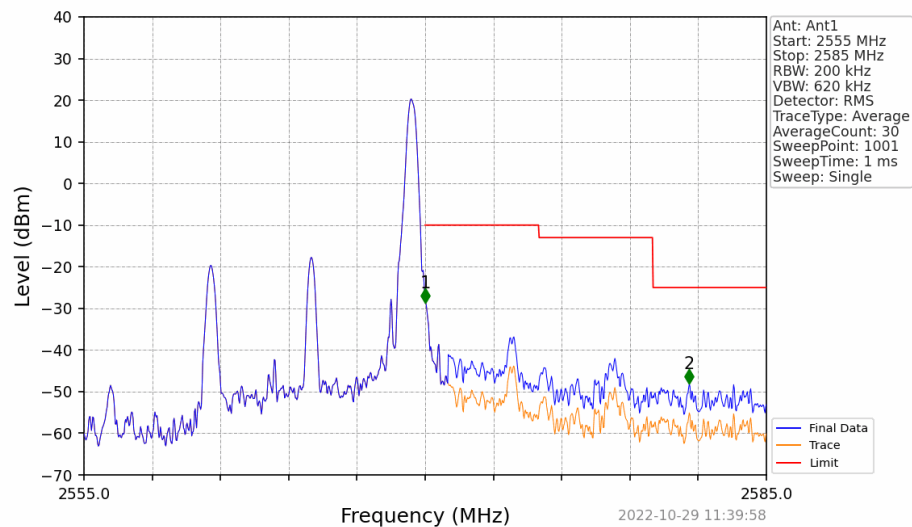




Band7_10MHz_64QAM_HCH_2565MHz_RB_1_0_NTNV

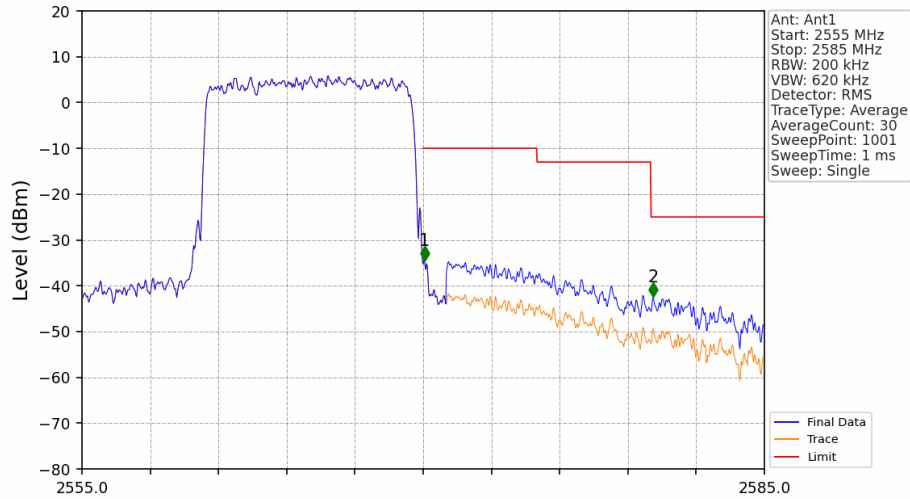


Band7_10MHz_64QAM_HCH_2565MHz_RB_1_49_NTNV

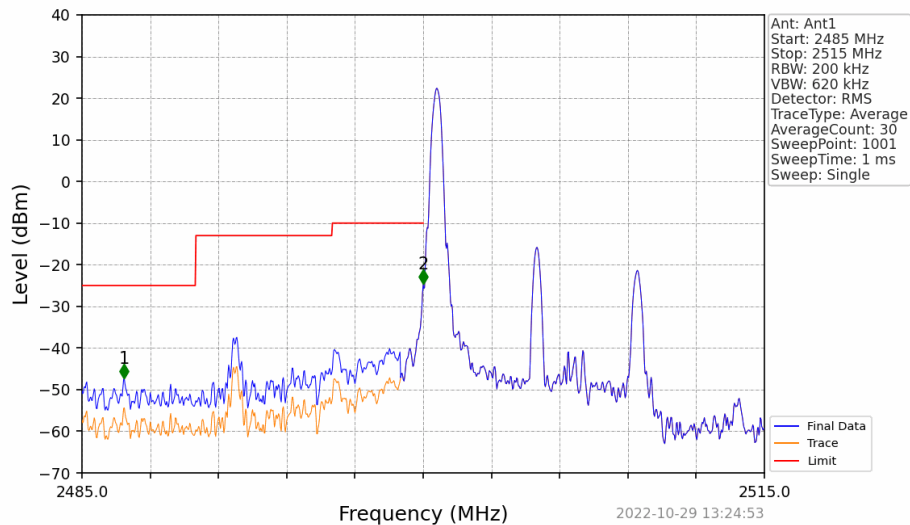


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.000	-28.72	-10	Pass
2571	2585	1	6.99	2	2581.610	-48.11	-25	Pass

Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV

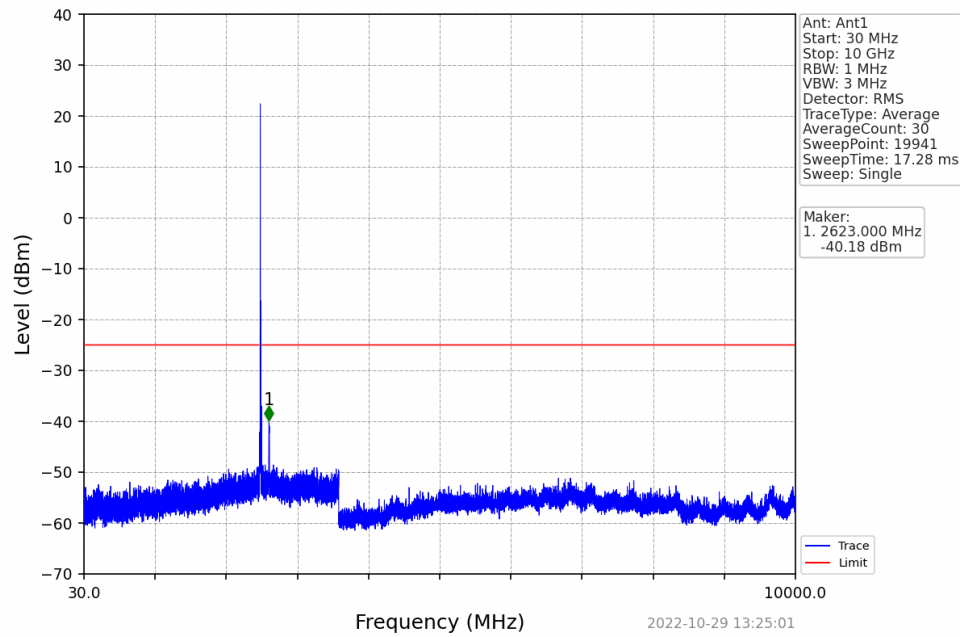


Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

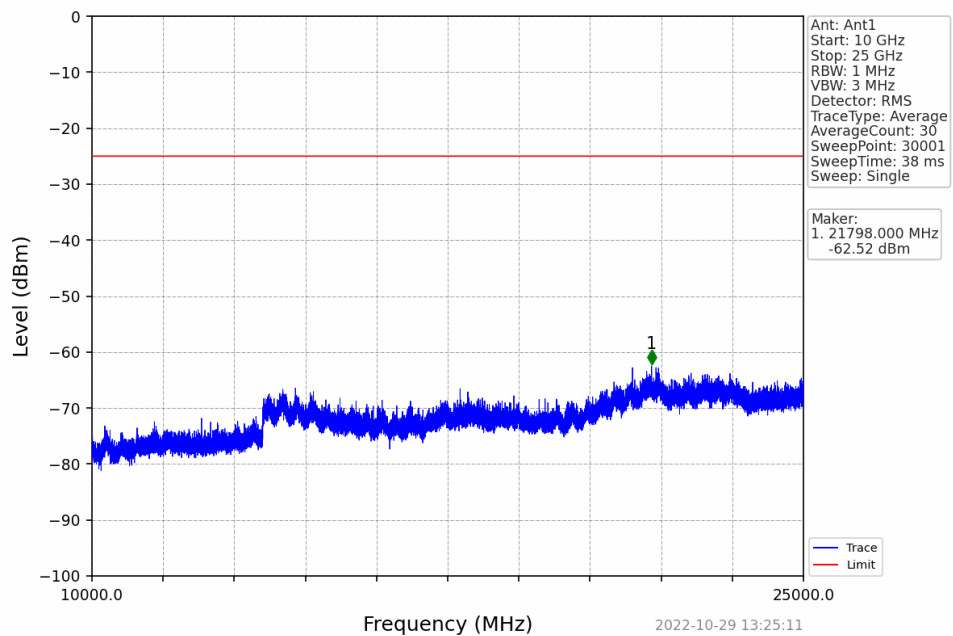




Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

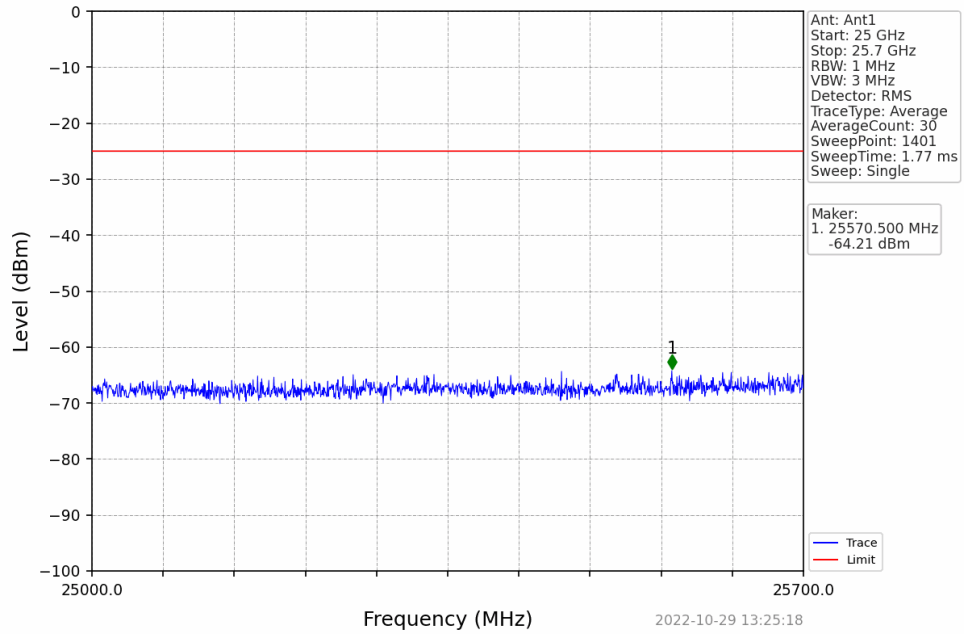


Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

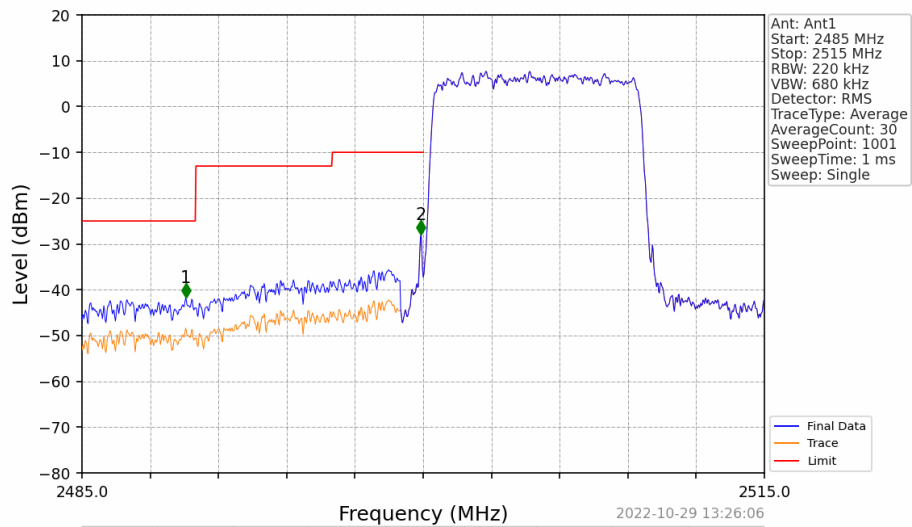




Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



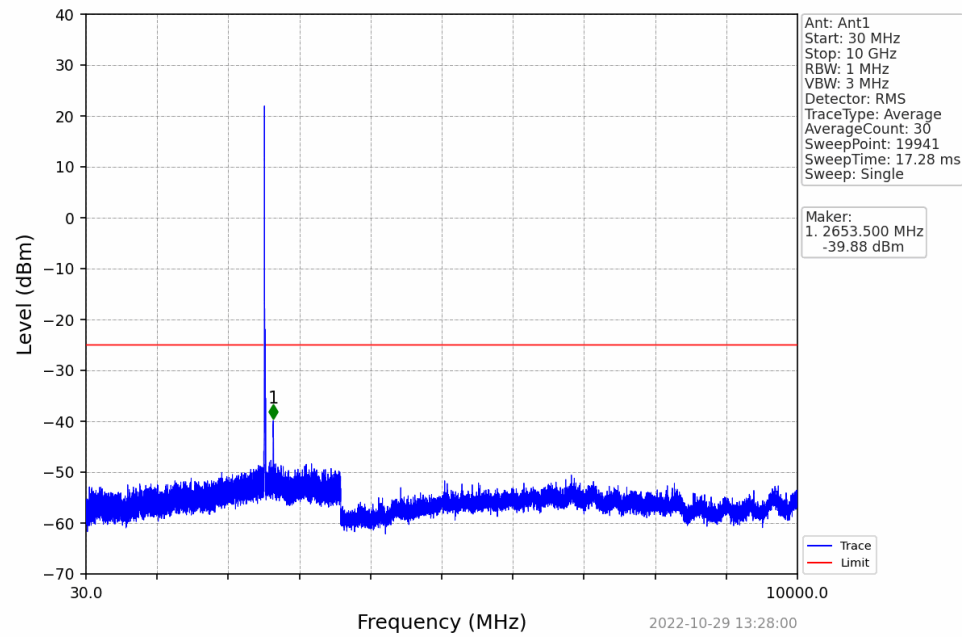
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



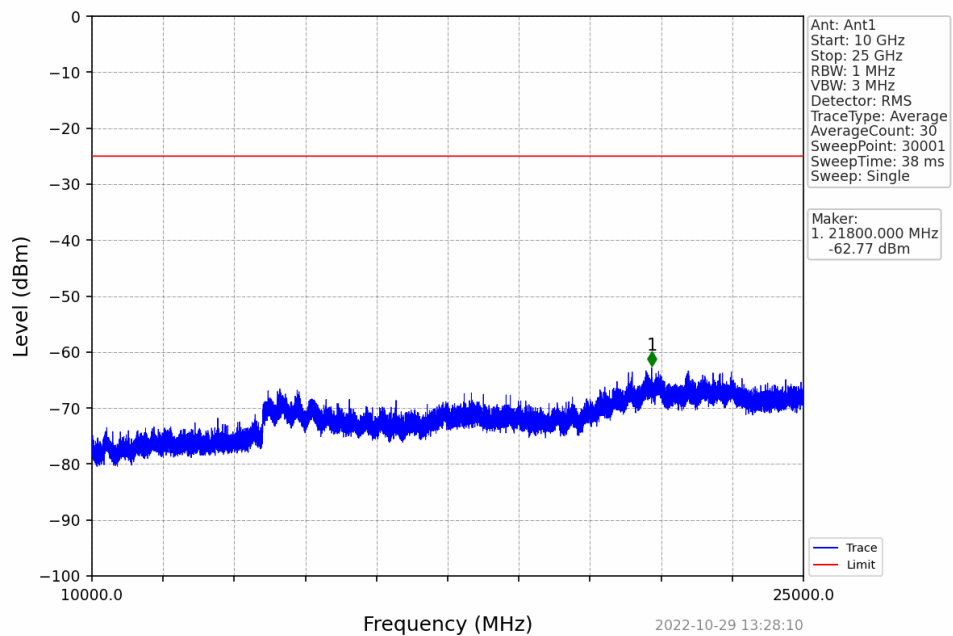
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	6.58	1	2489.560	-41.79	-25	Pass
2499	2500	0.22	0	2	2499.910	-28.01	-10	Pass
2500	2515	0.22	0	/	/	/	/	/



Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

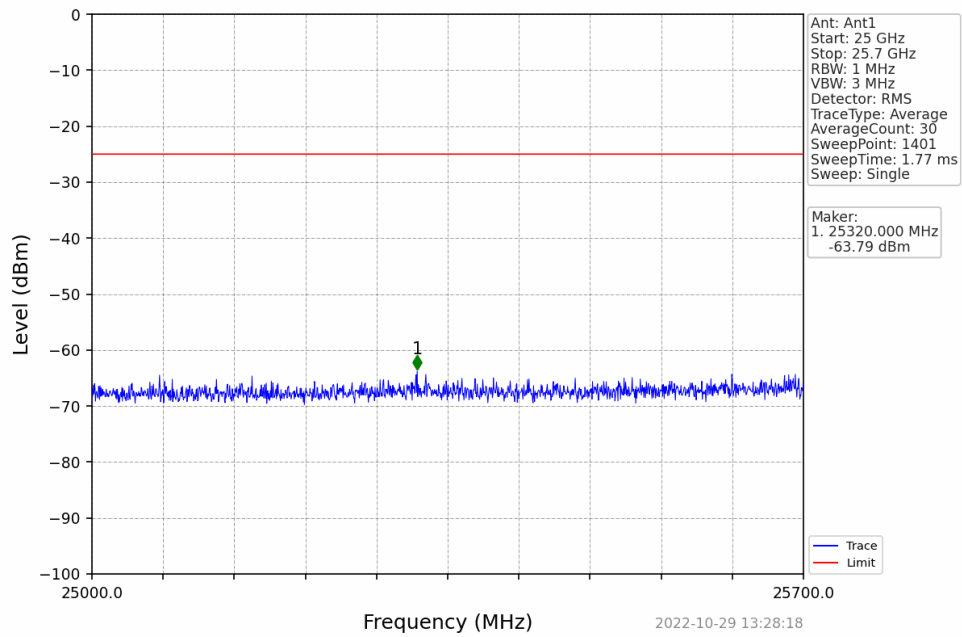


Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

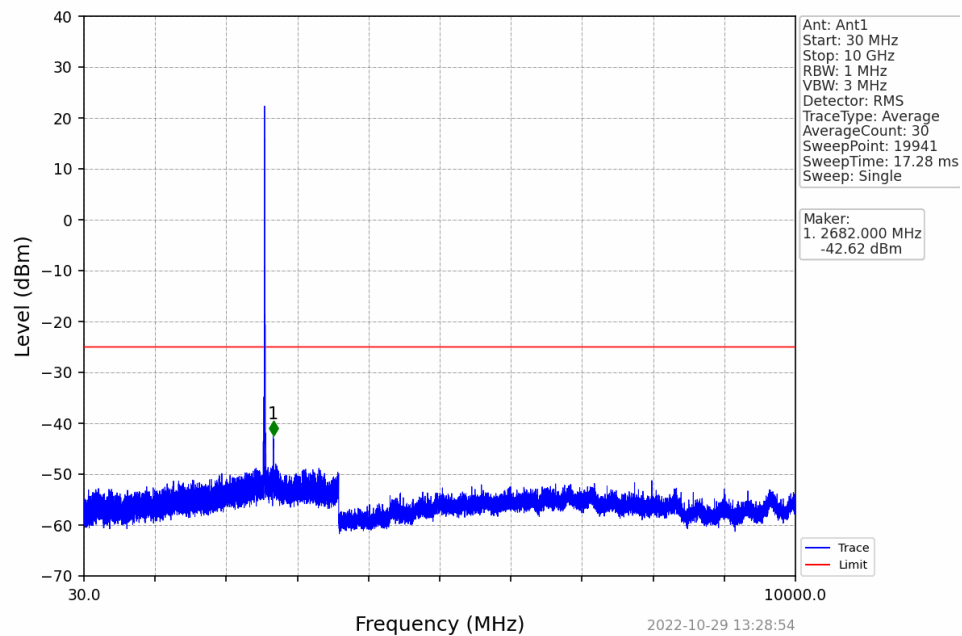




Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

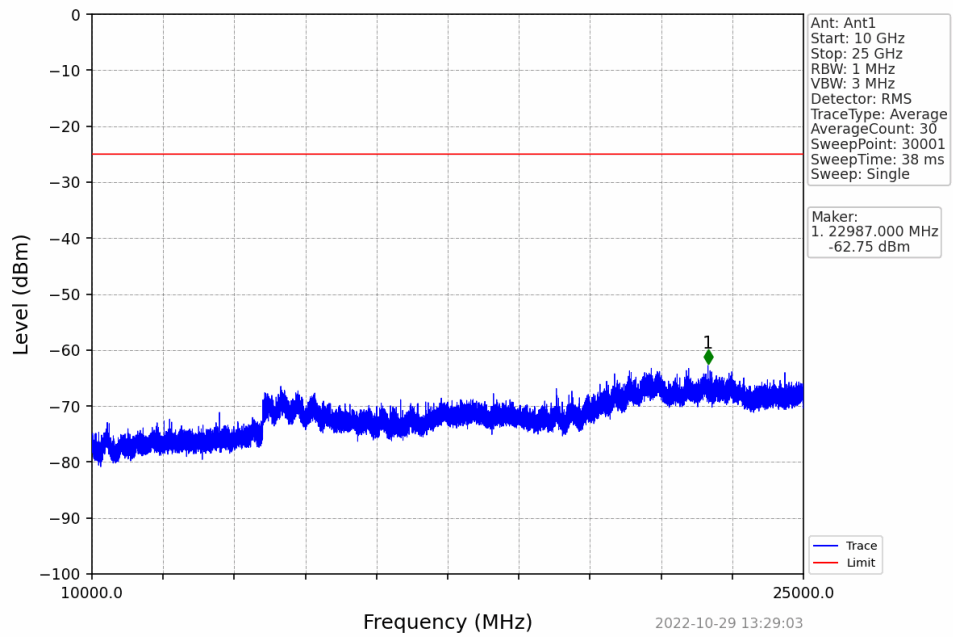


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

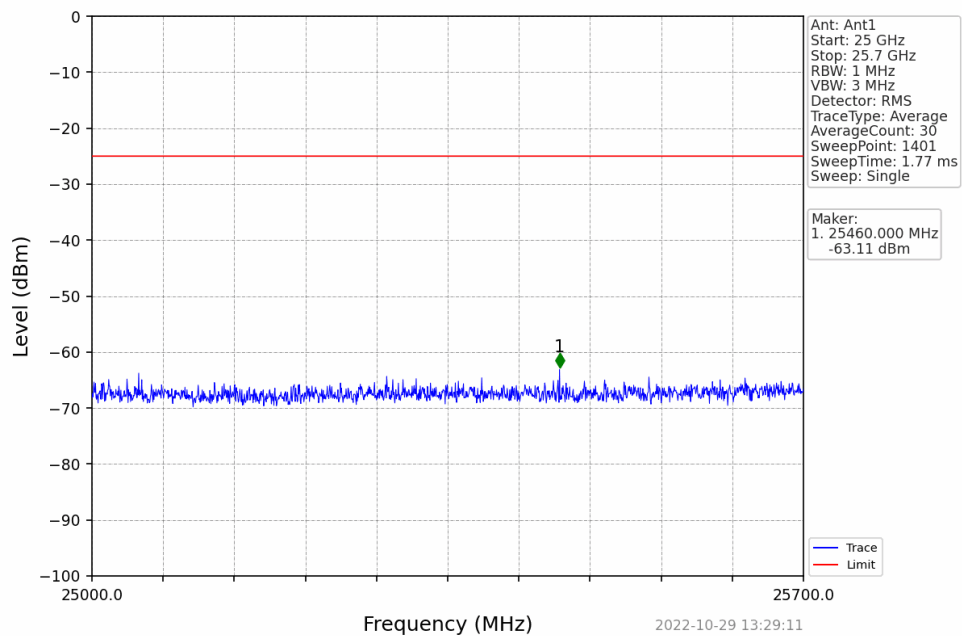




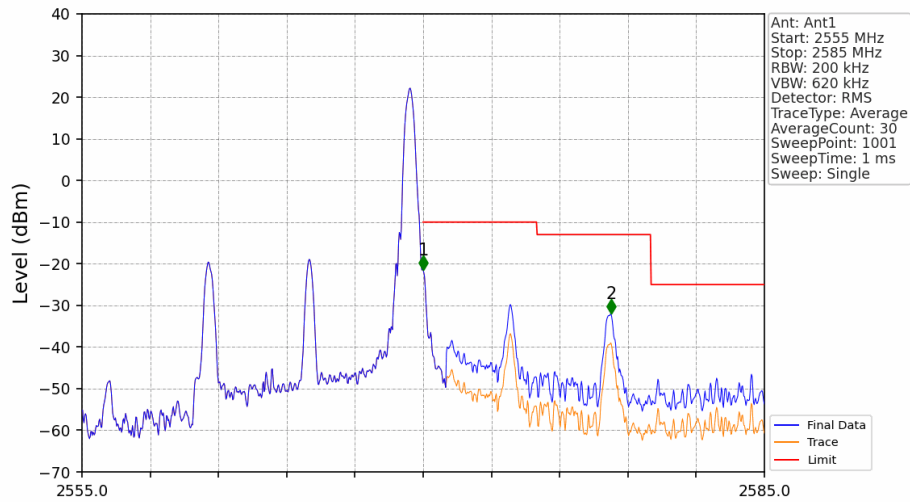
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

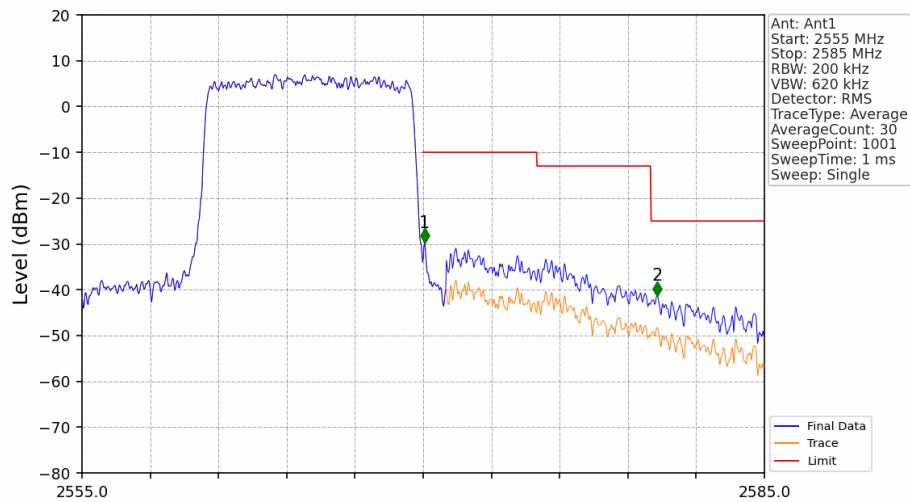


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.000	-21.52	-10	Pass
2571	2585	1	6.99	2	2578.250	-32.02	-13	Pass

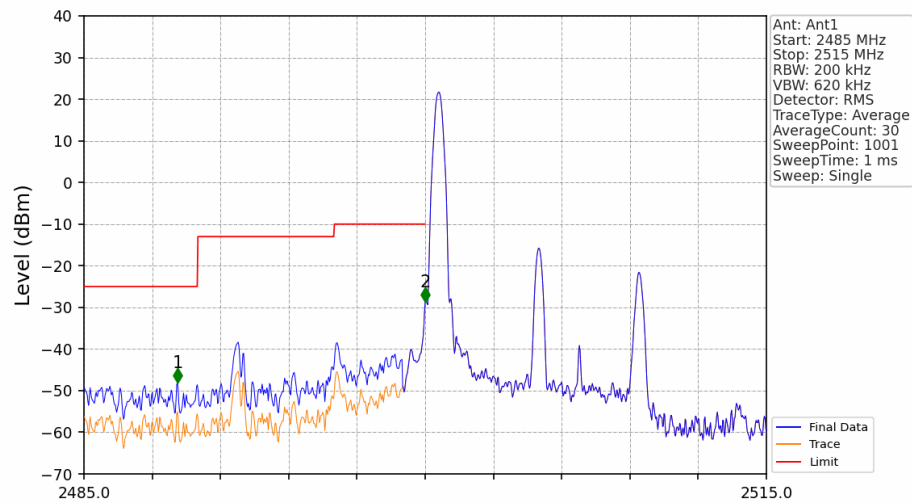
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.060	-29.75	-10	Pass
2571	2585	1	6.99	2	2580.290	-41.31	-25	Pass

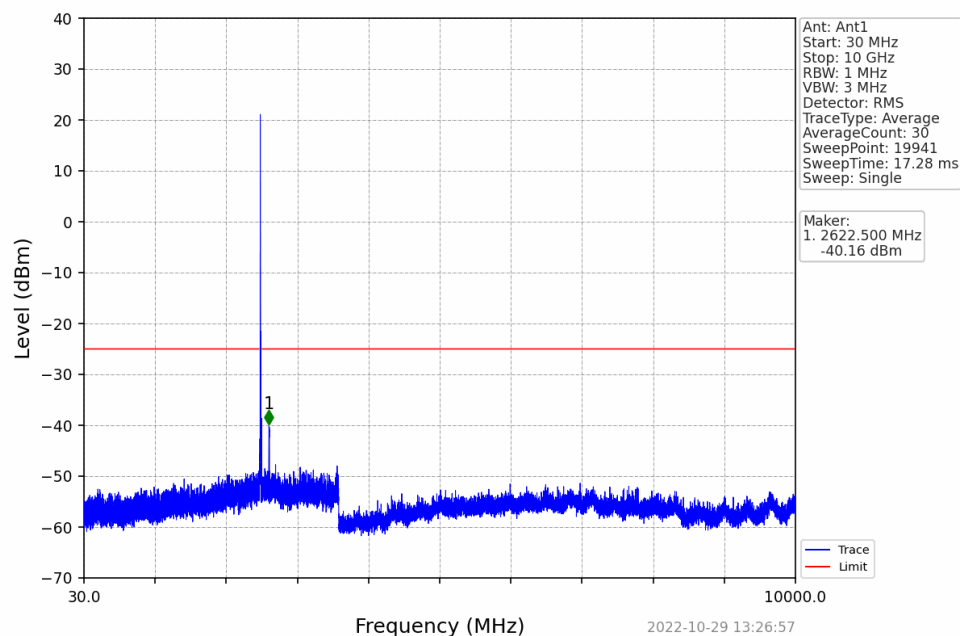


Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



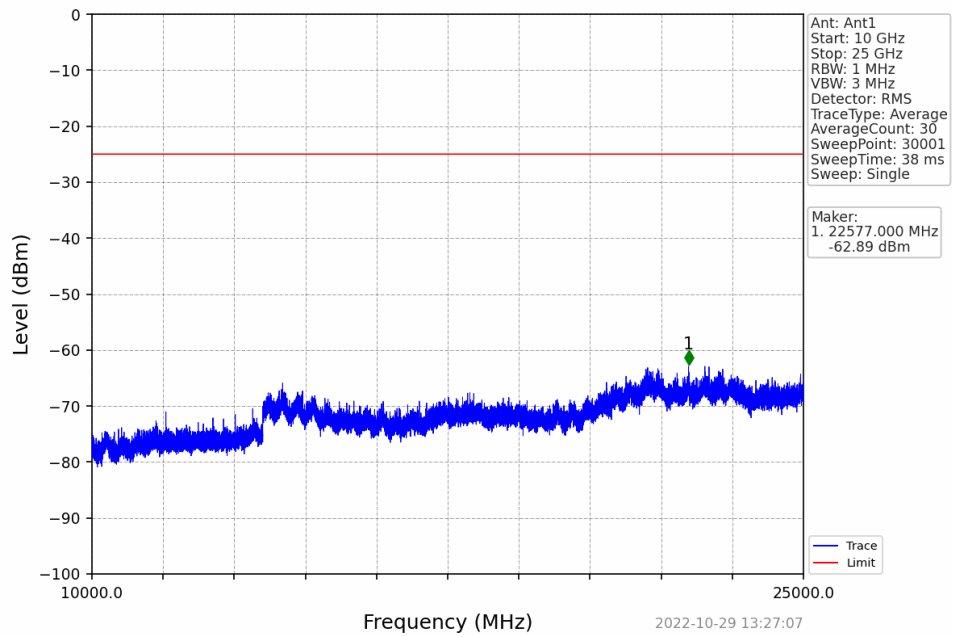
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	6.99	1	2489.110	-48.07	-25	Pass
2499	2500	0.2	0	2	2500.000	-28.66	-10	Pass
2500	2515	0.2	0	/	/	/	/	/

Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV





Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV

