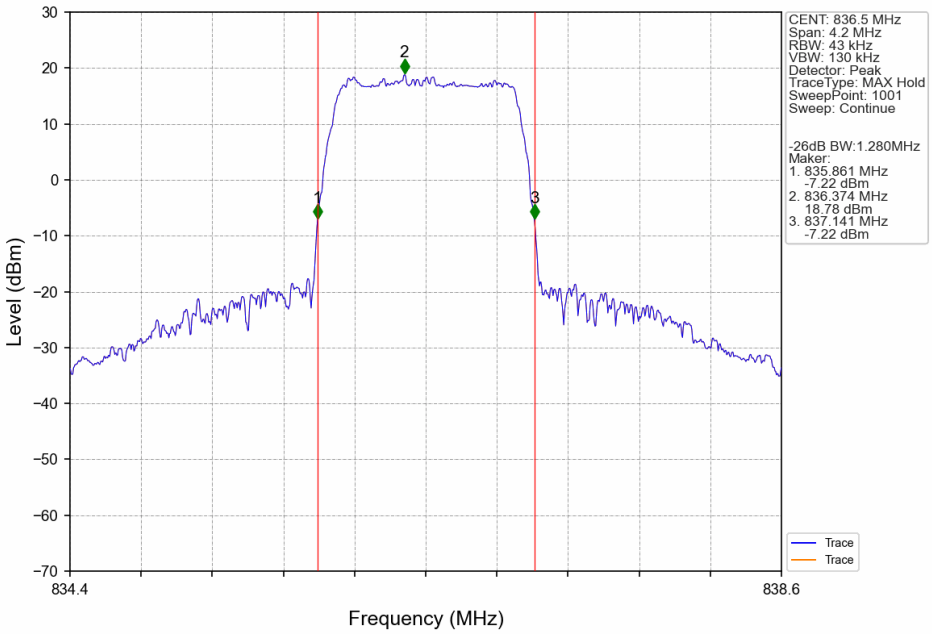
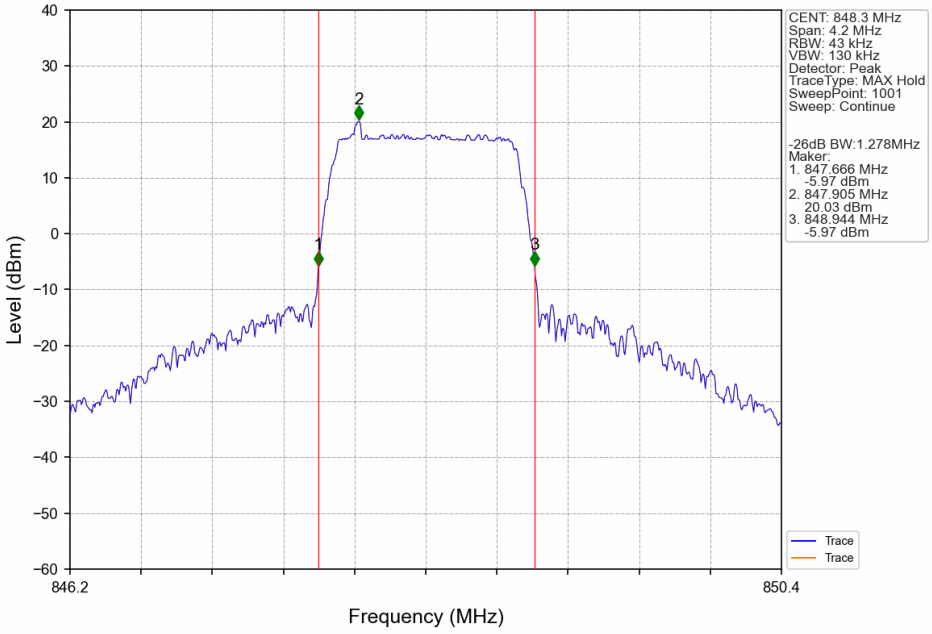
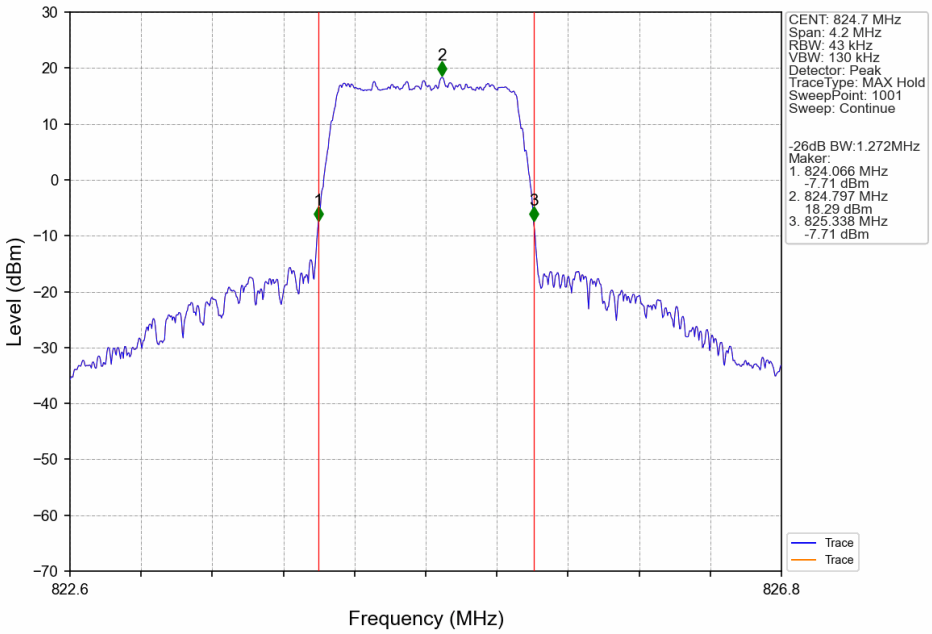
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



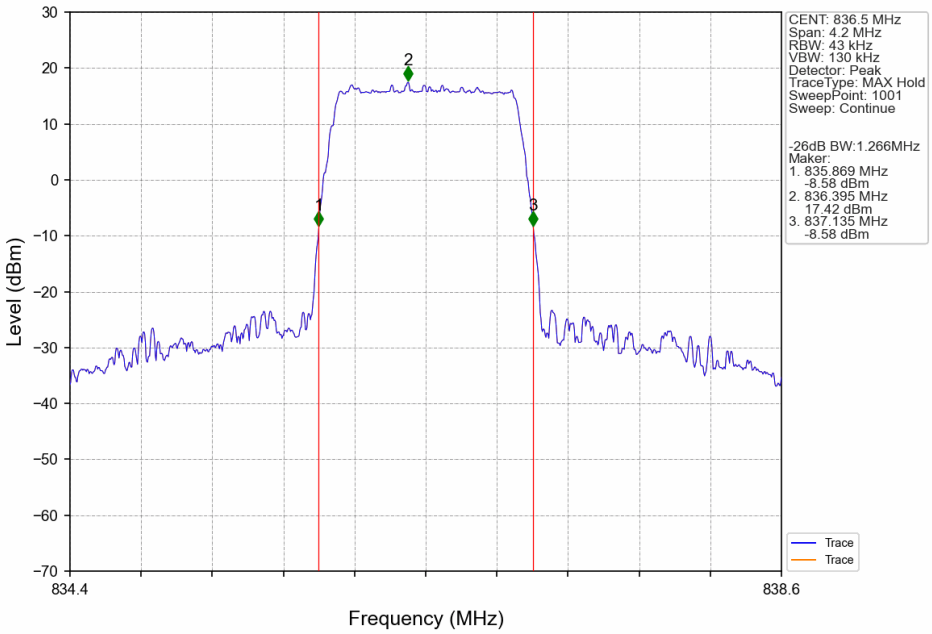
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



Band26b_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band26b_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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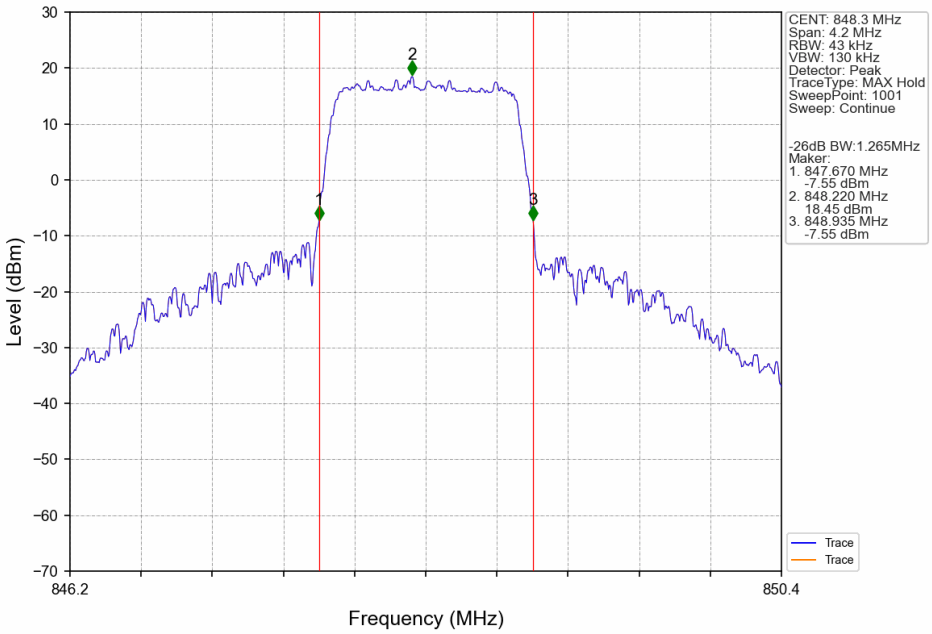
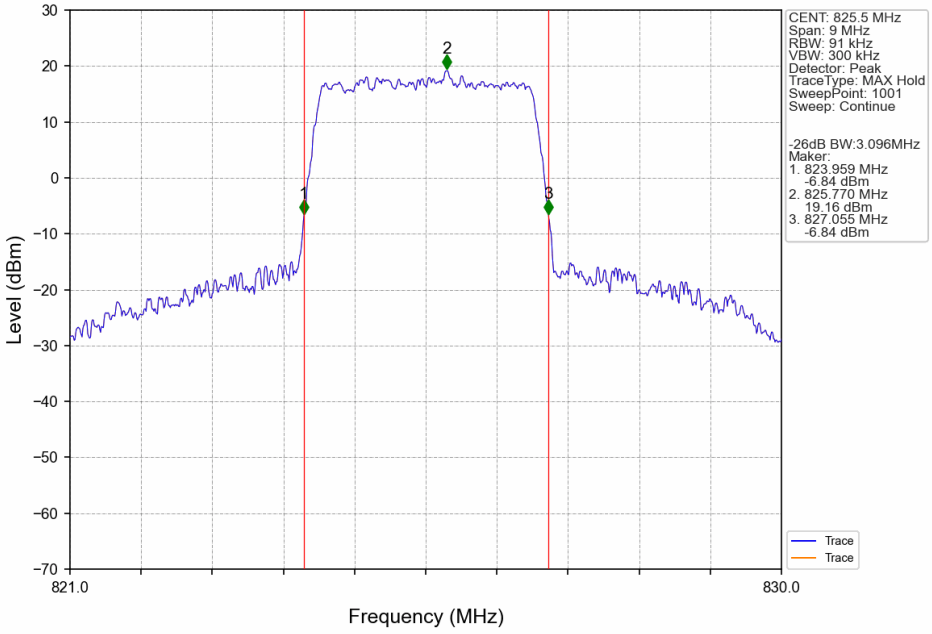
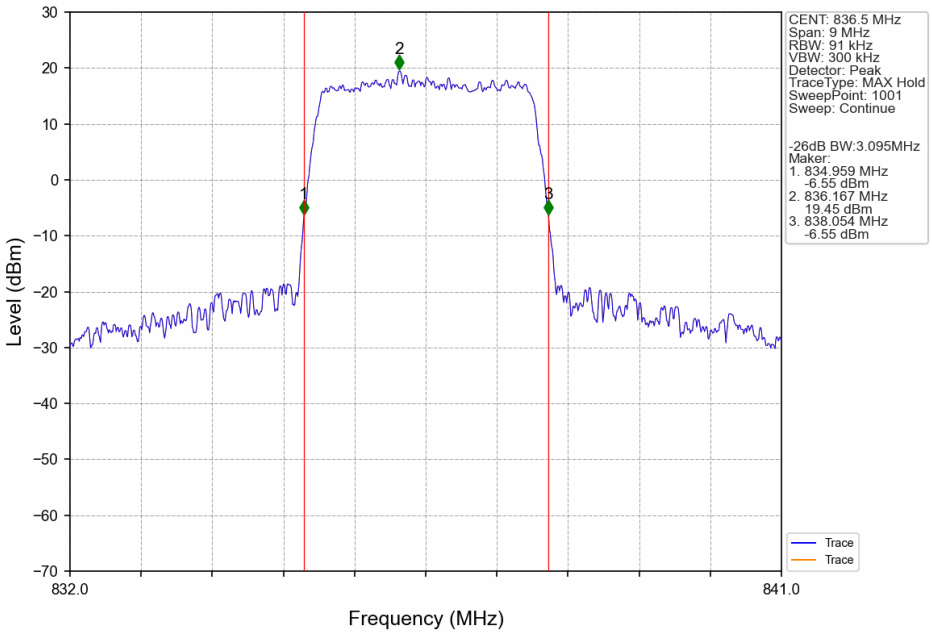


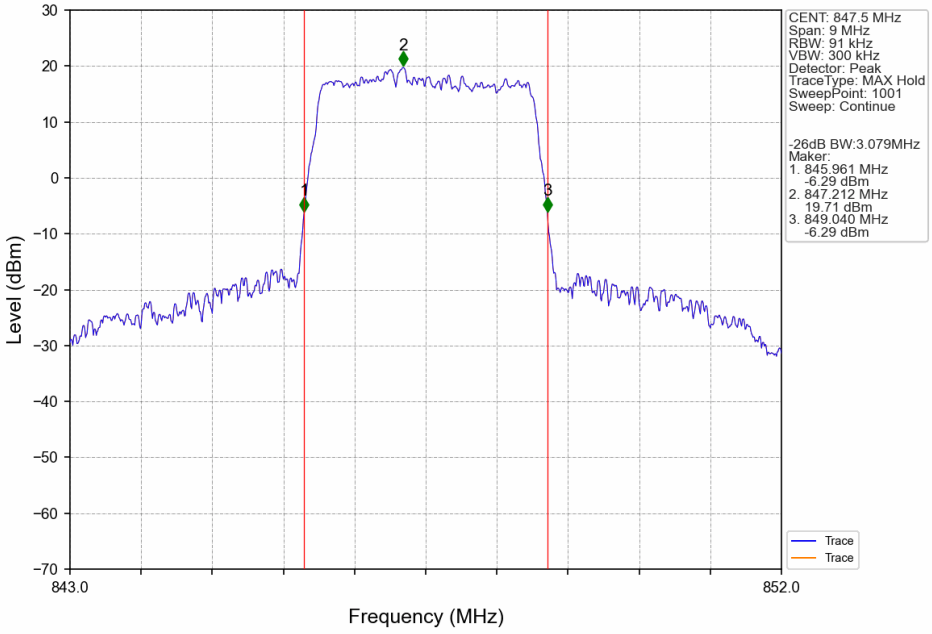
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



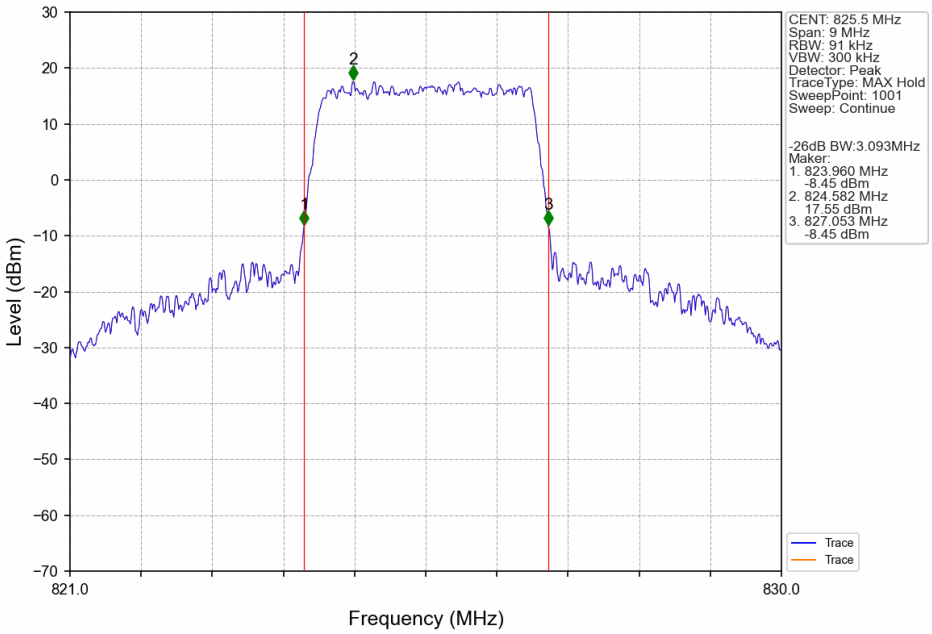
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



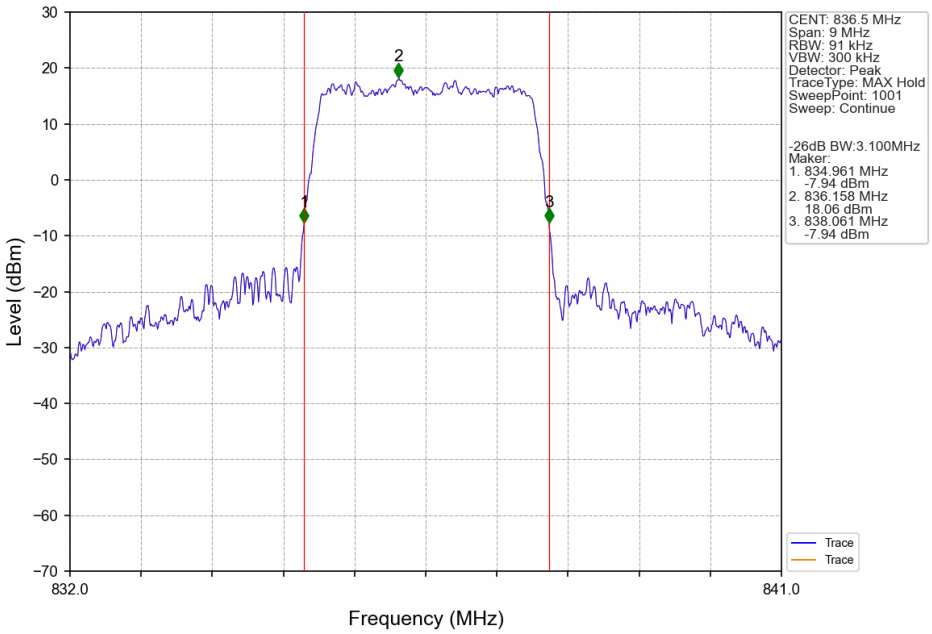
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



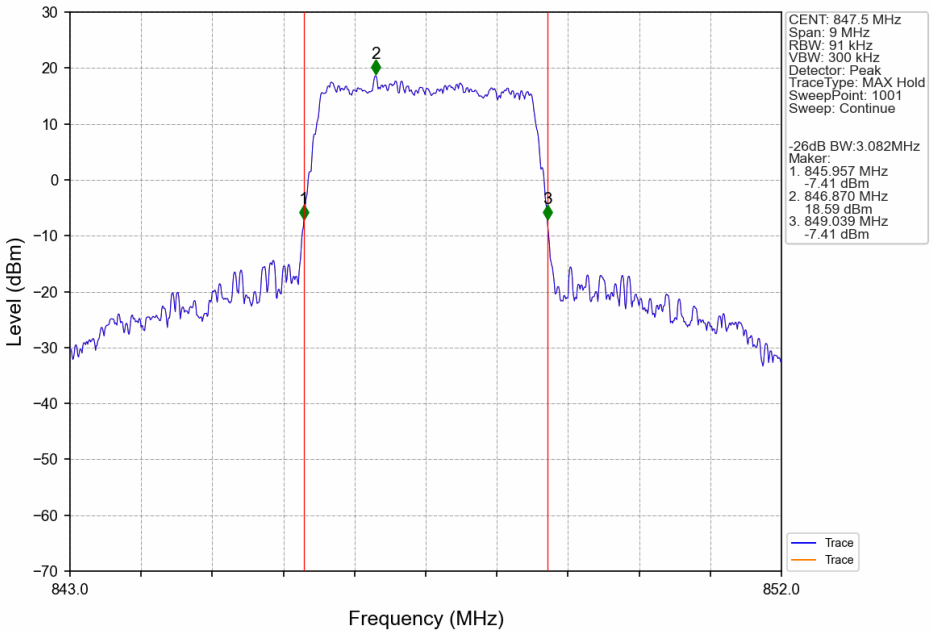
Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



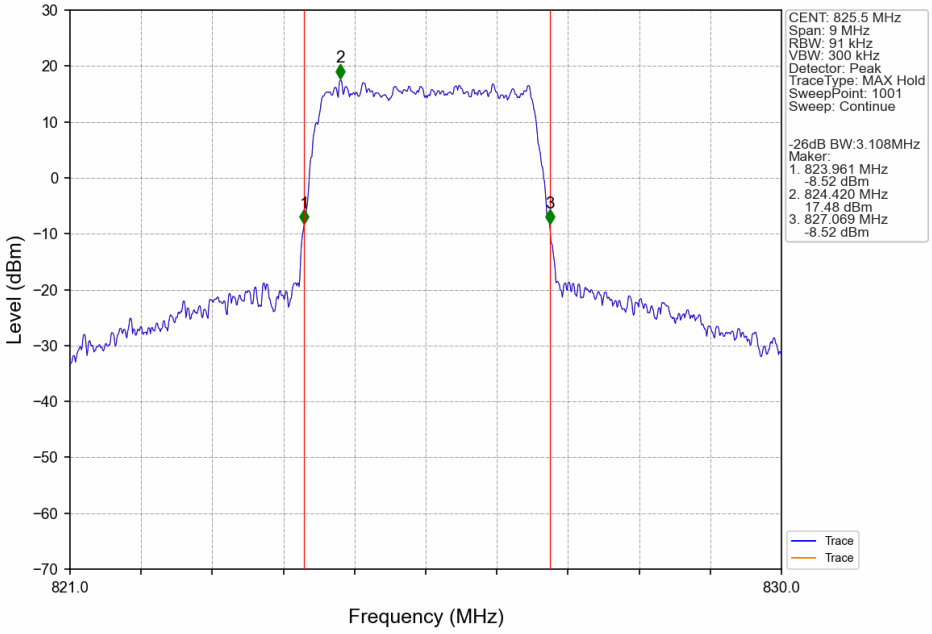
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



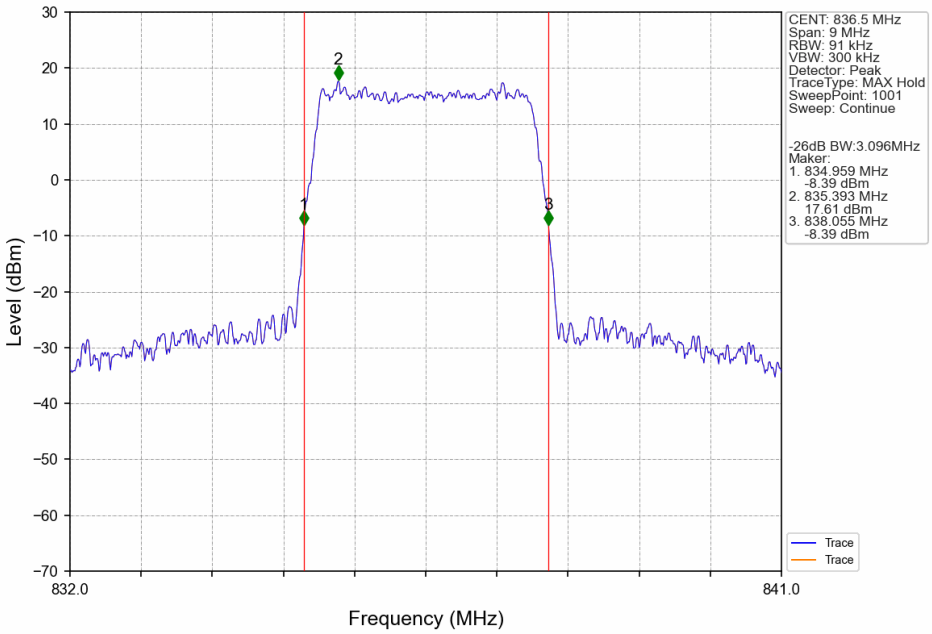
Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



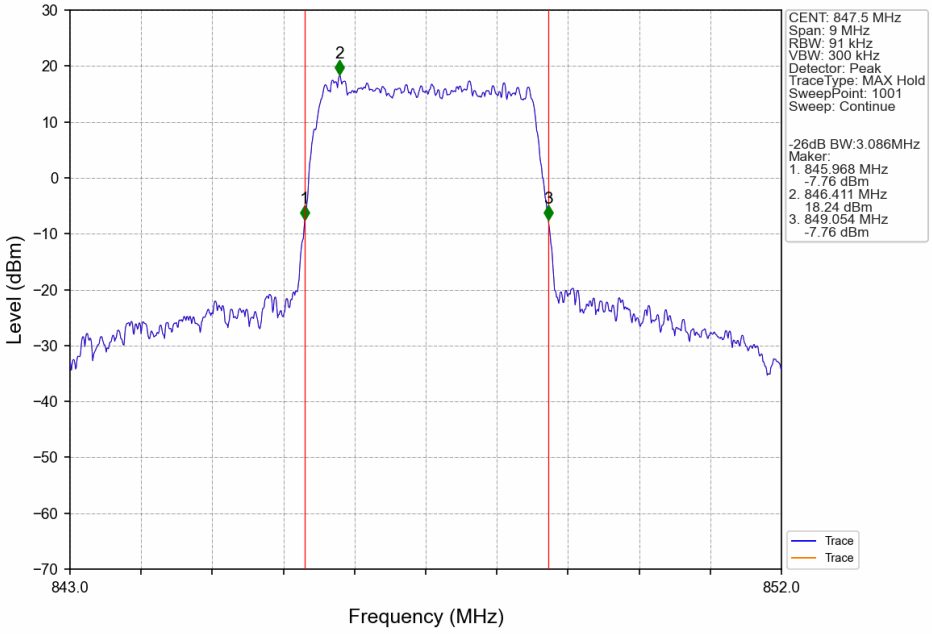
Band26b_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



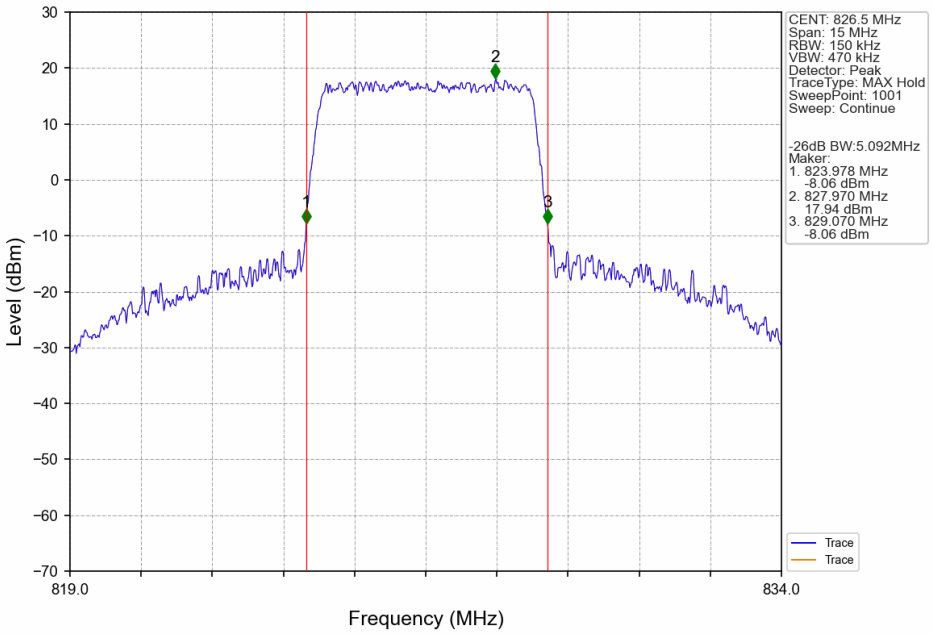
Band26b_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



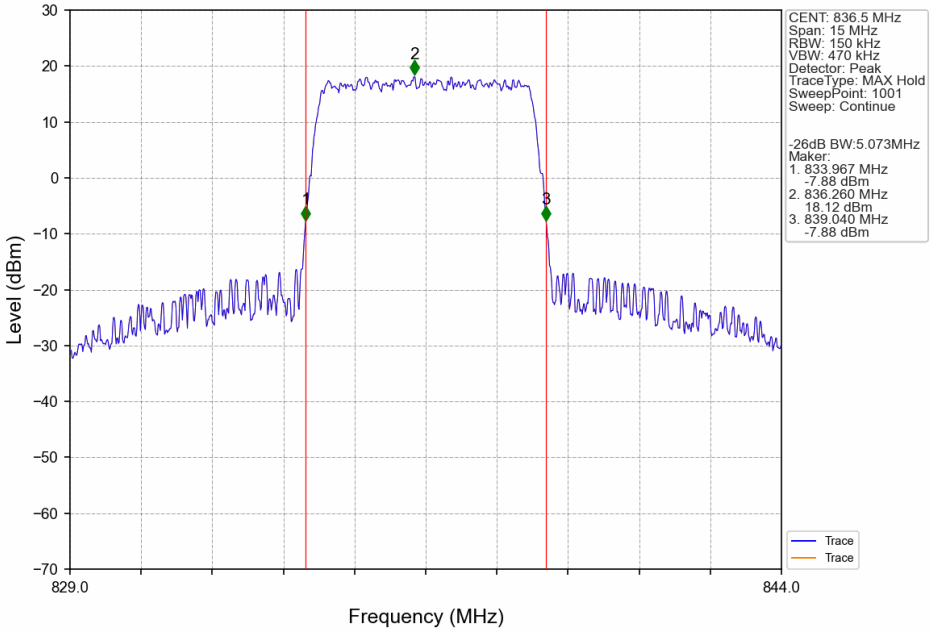
Band26b_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



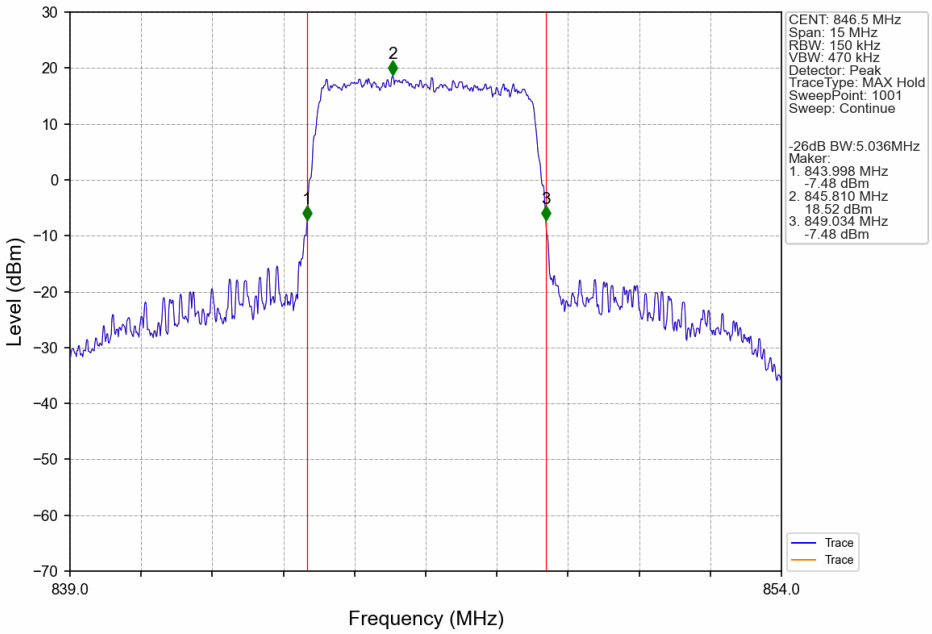
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



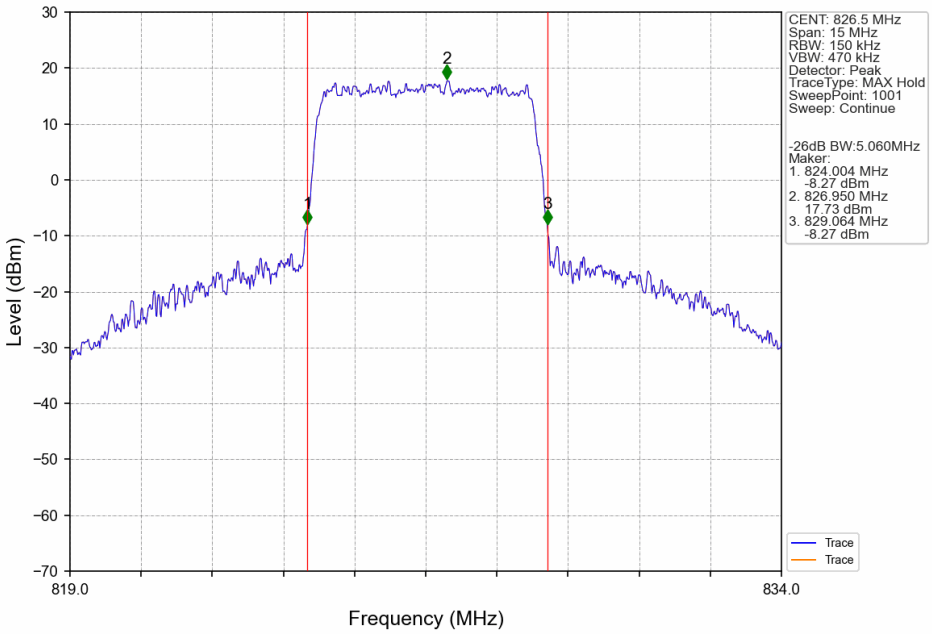
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



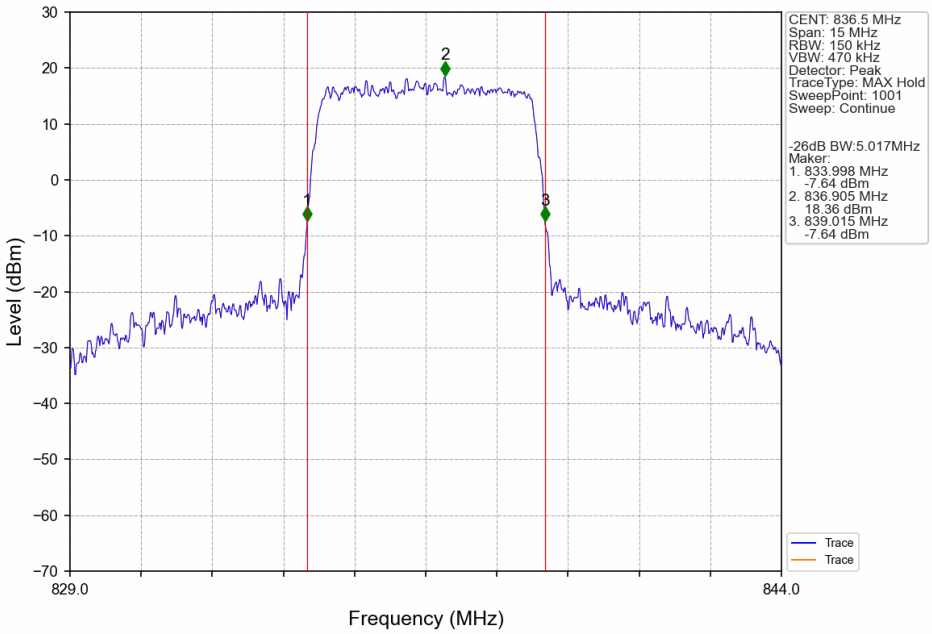
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



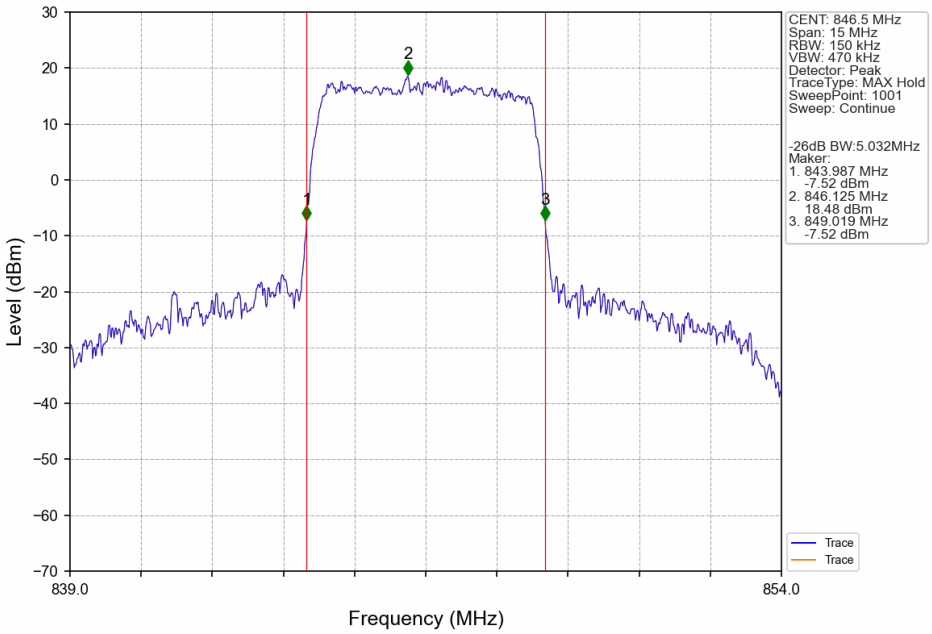
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



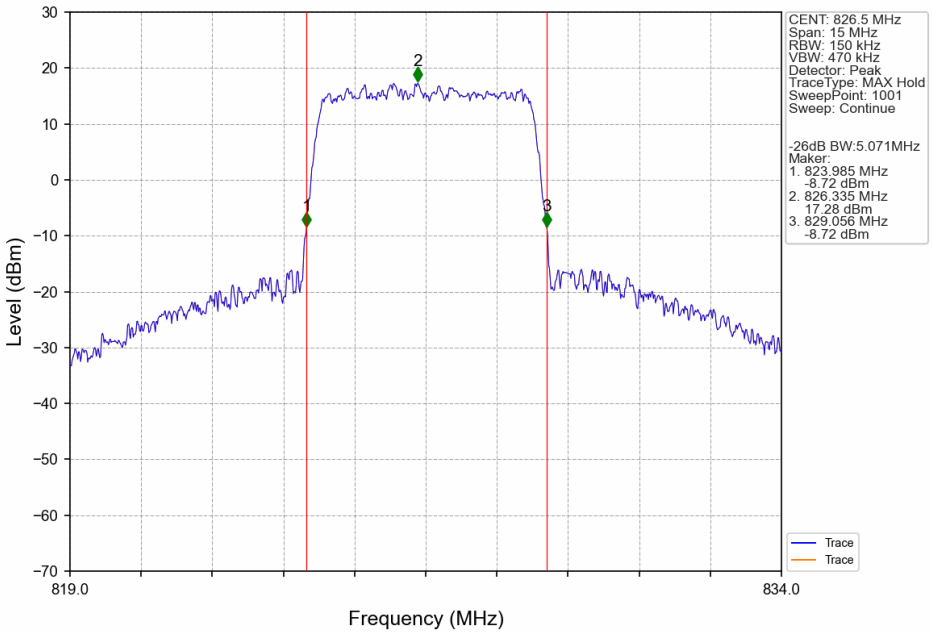
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



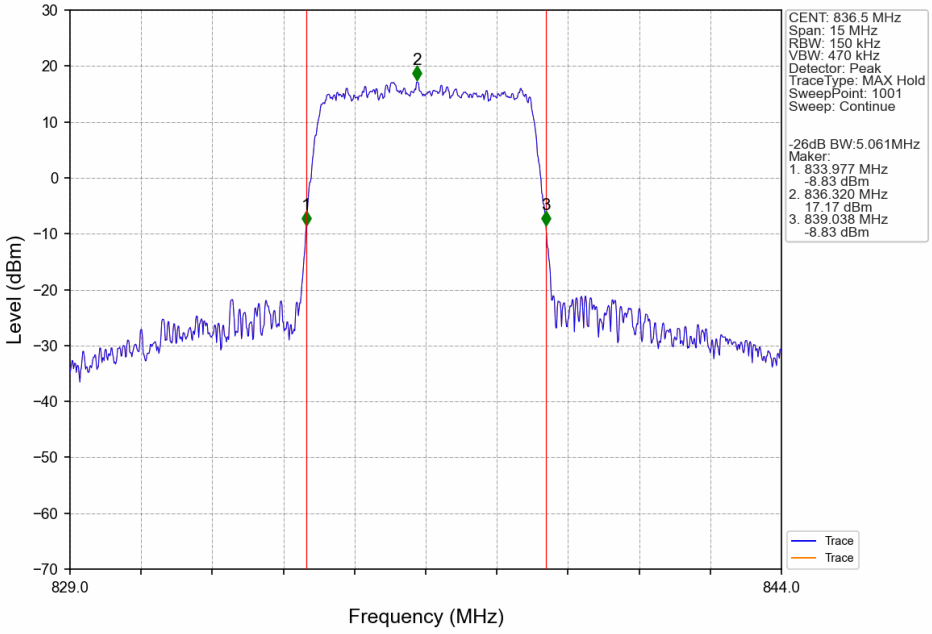
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



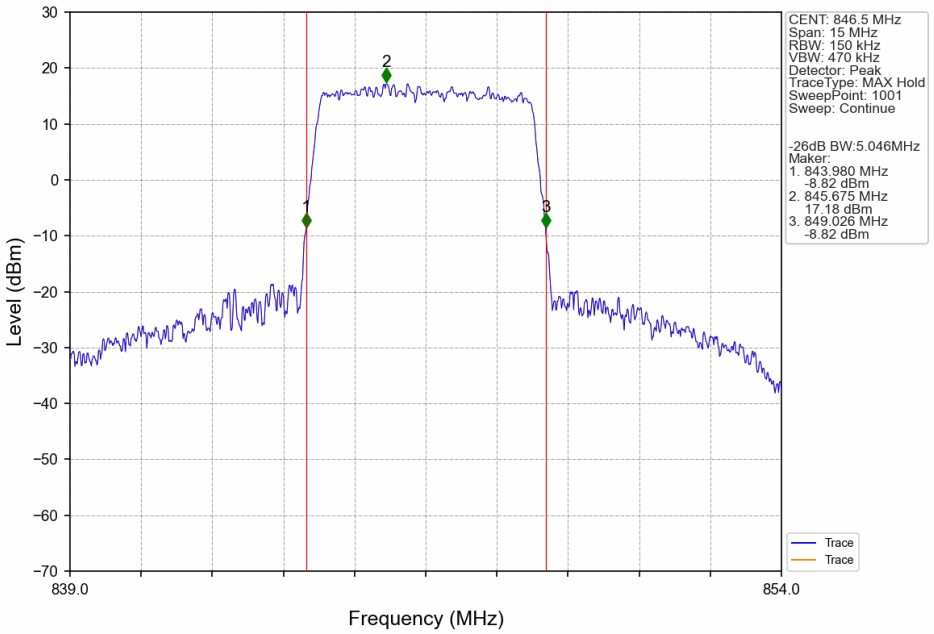
Band26b_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



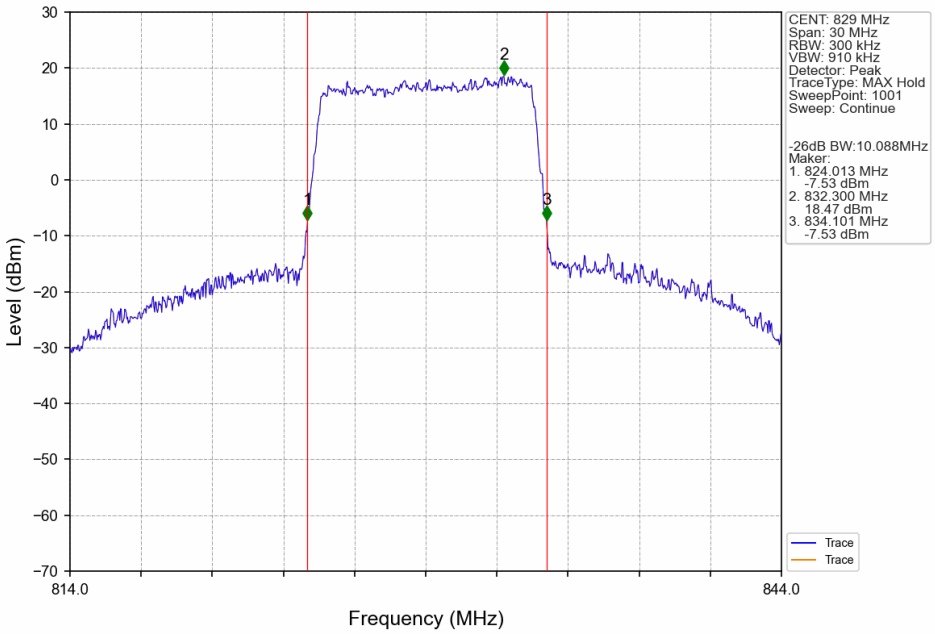
Band26b_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



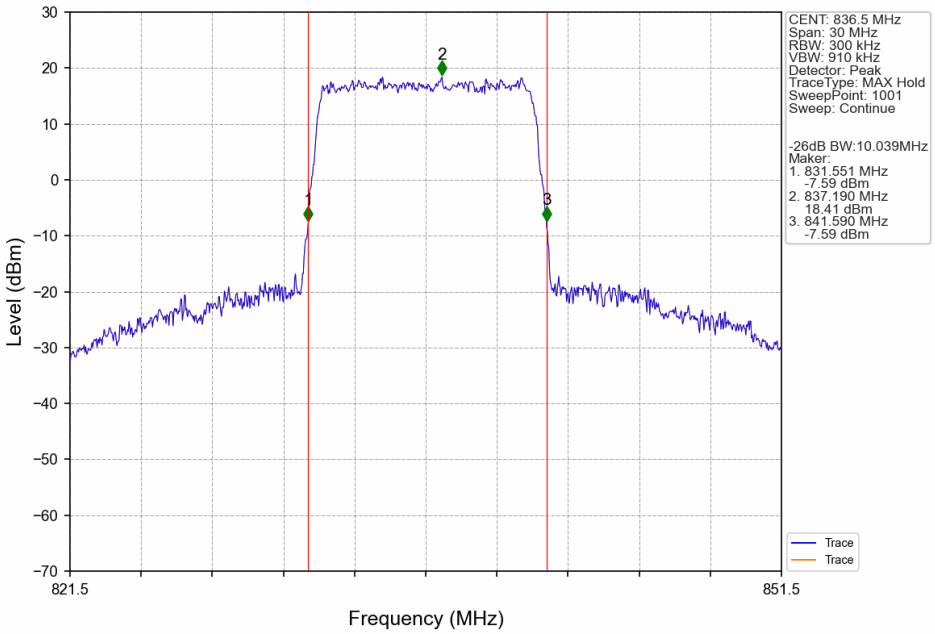
Band26b_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



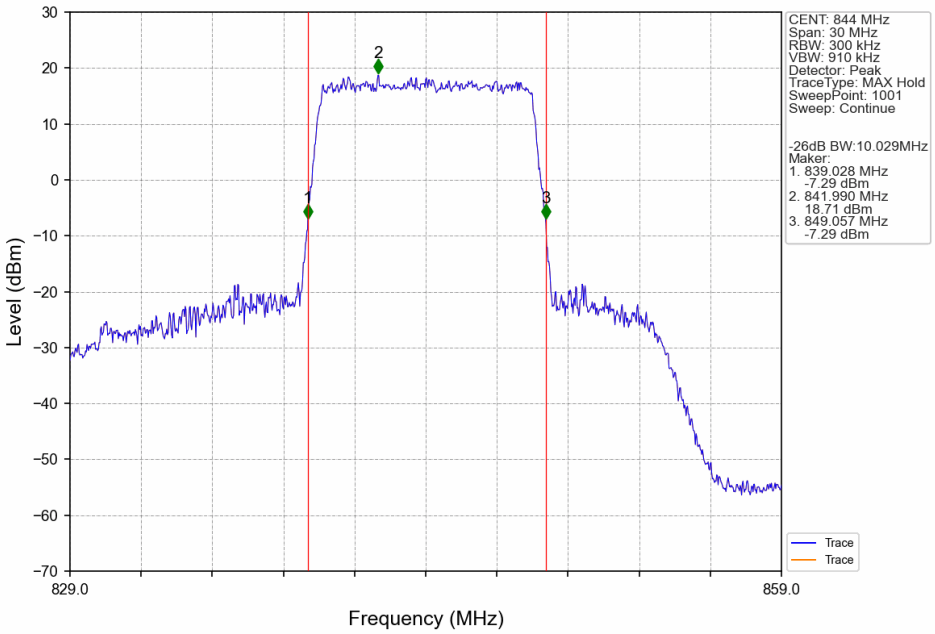
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



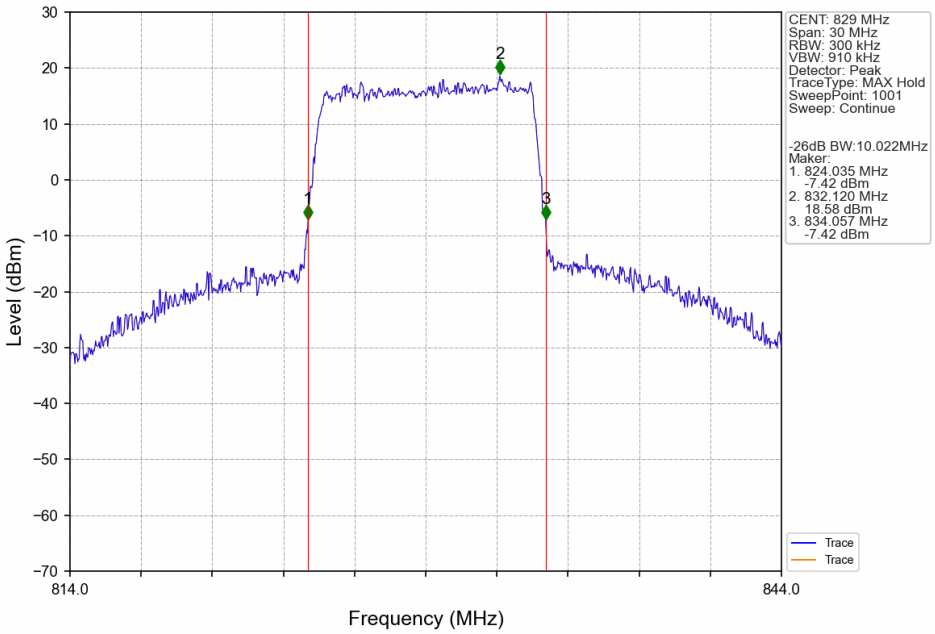
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



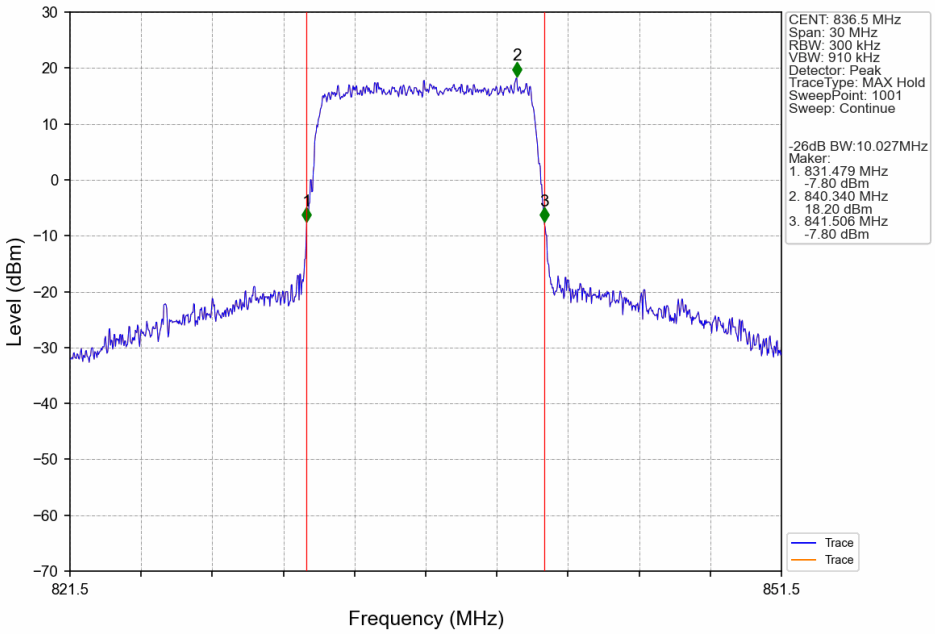
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



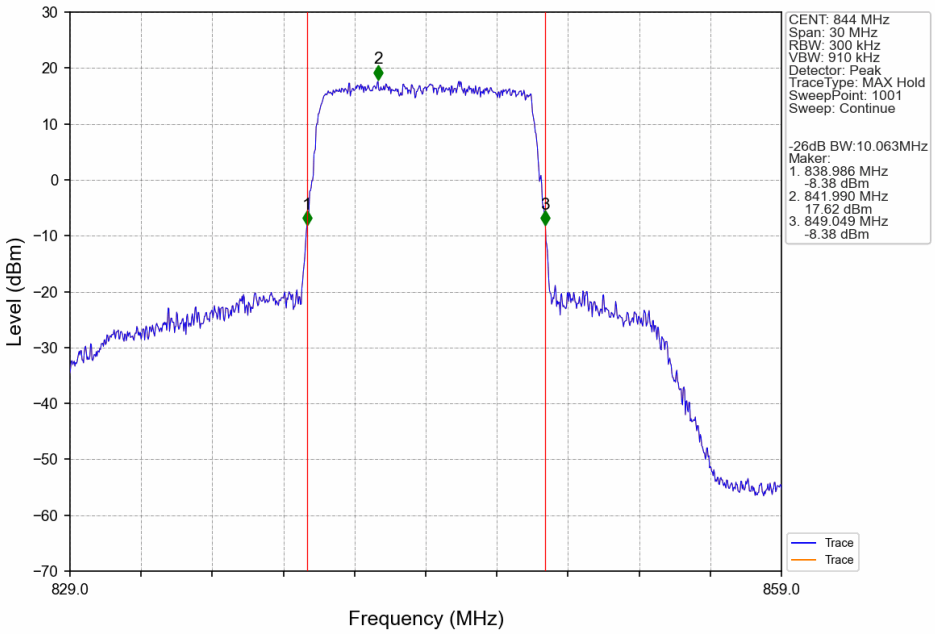
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



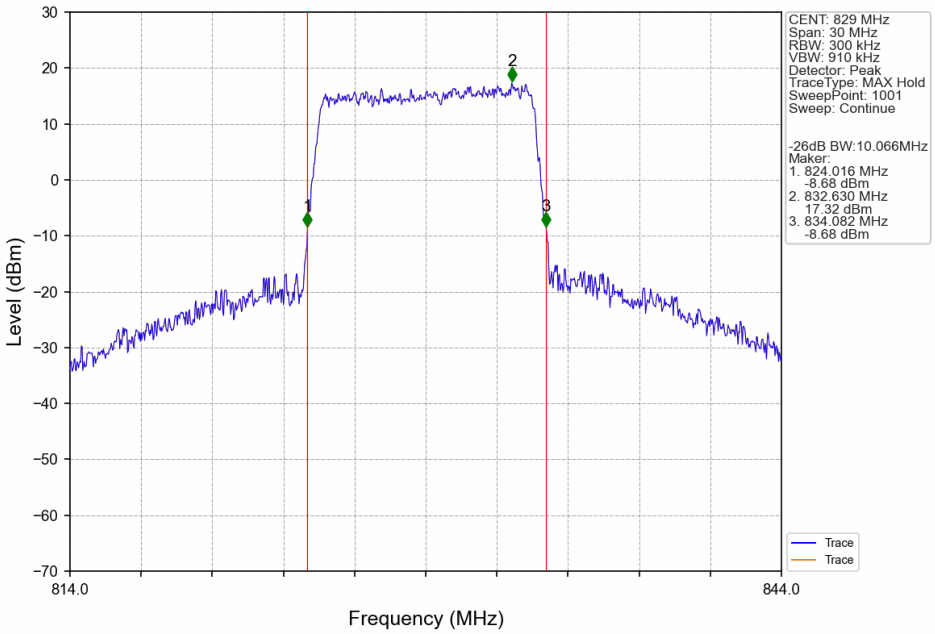
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



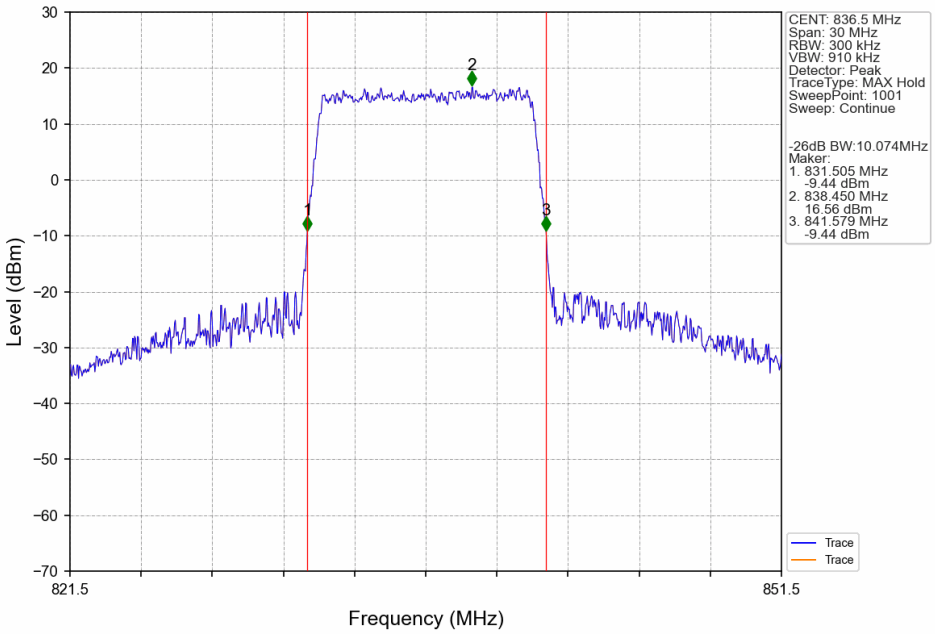
Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



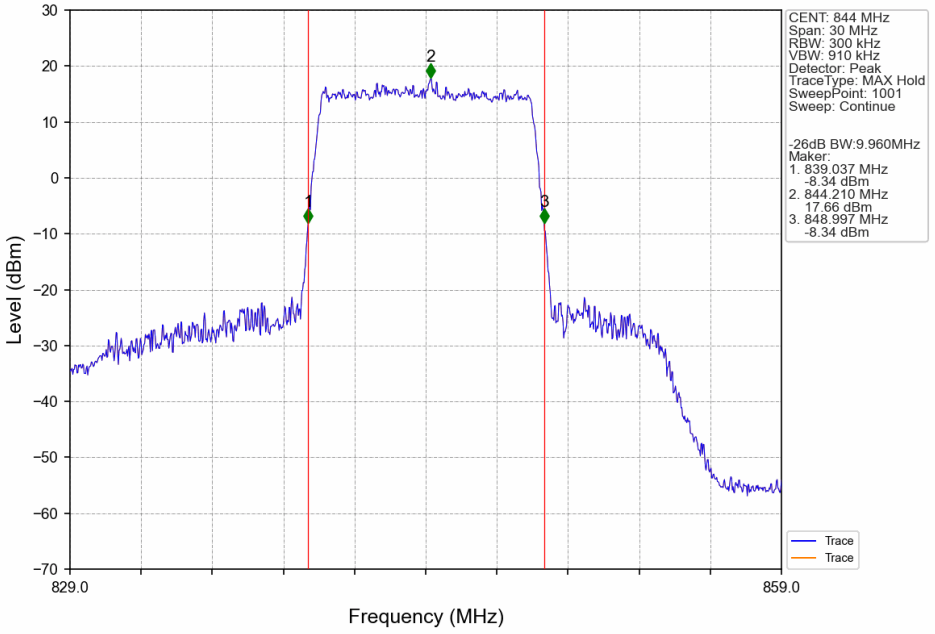
Band26b_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



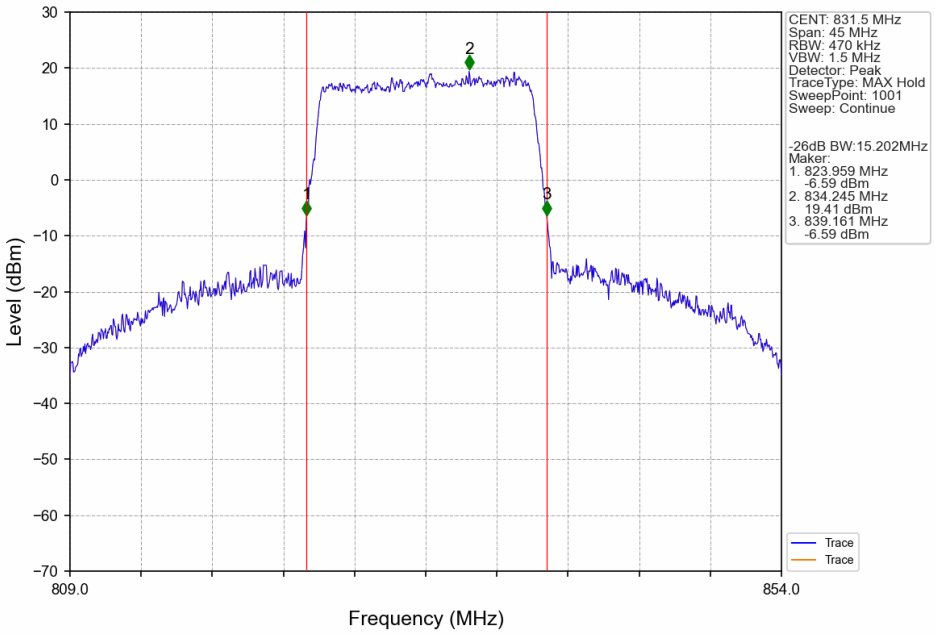
Band26b_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



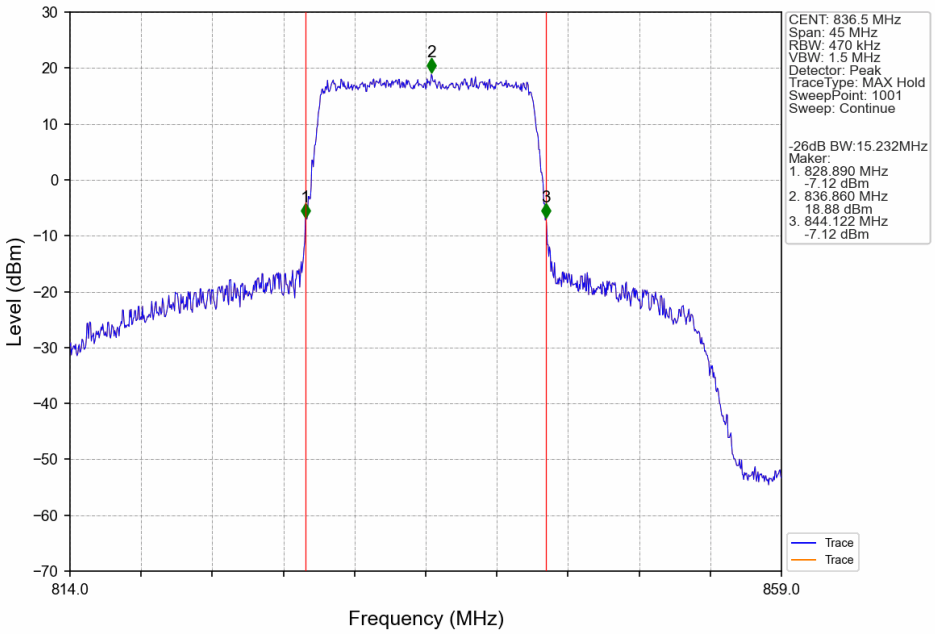
Band26b_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



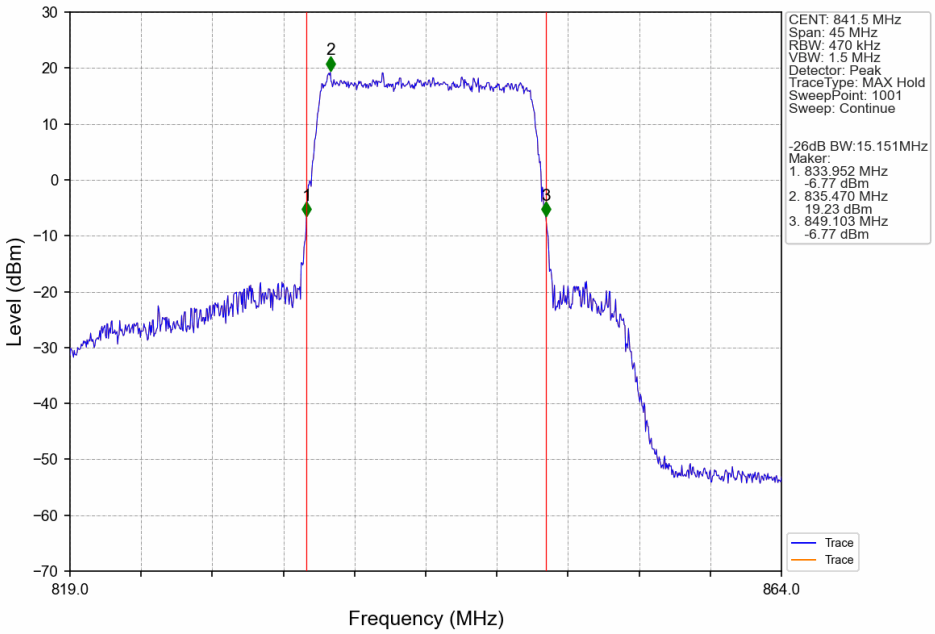
Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



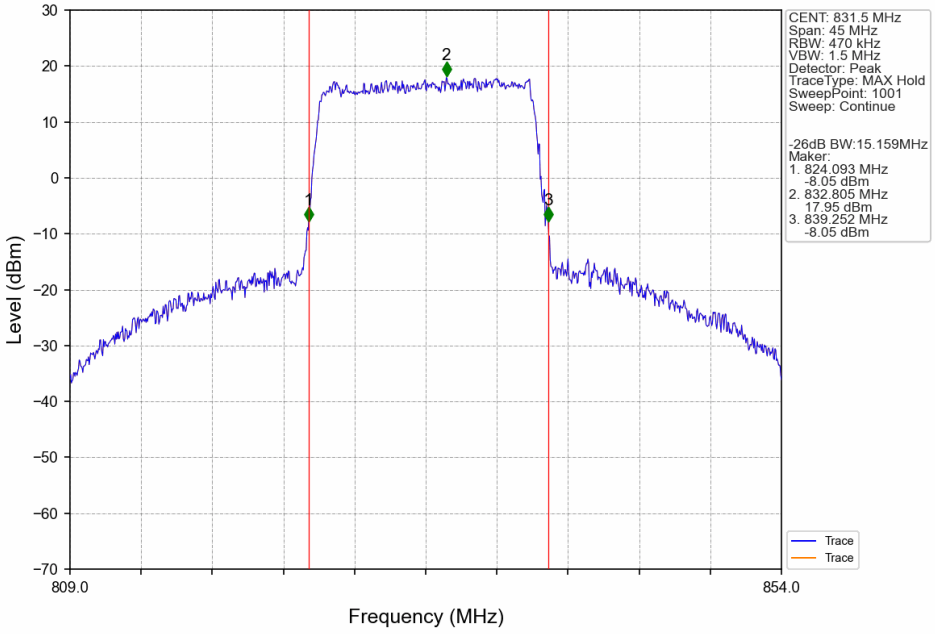
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV



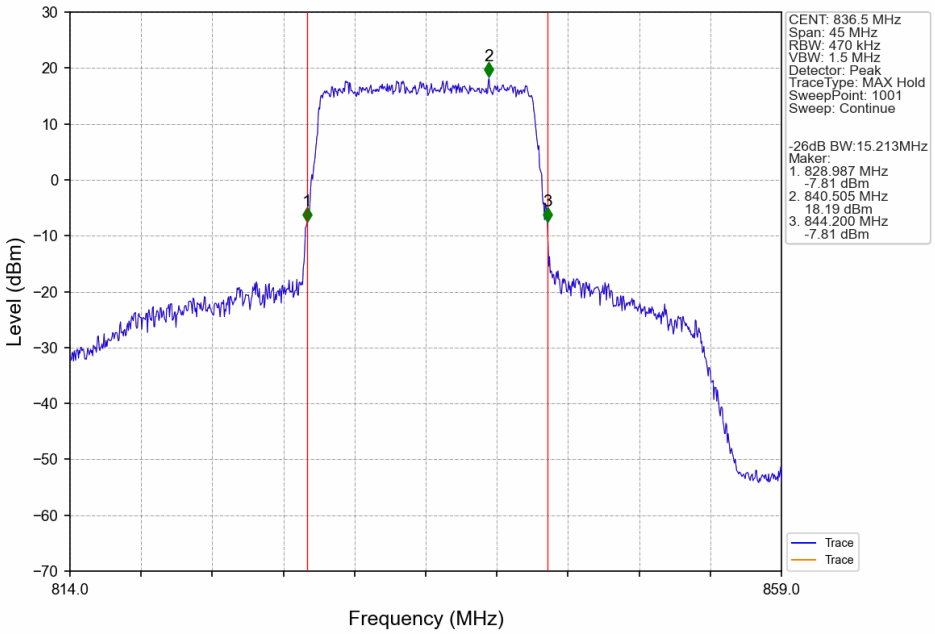
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



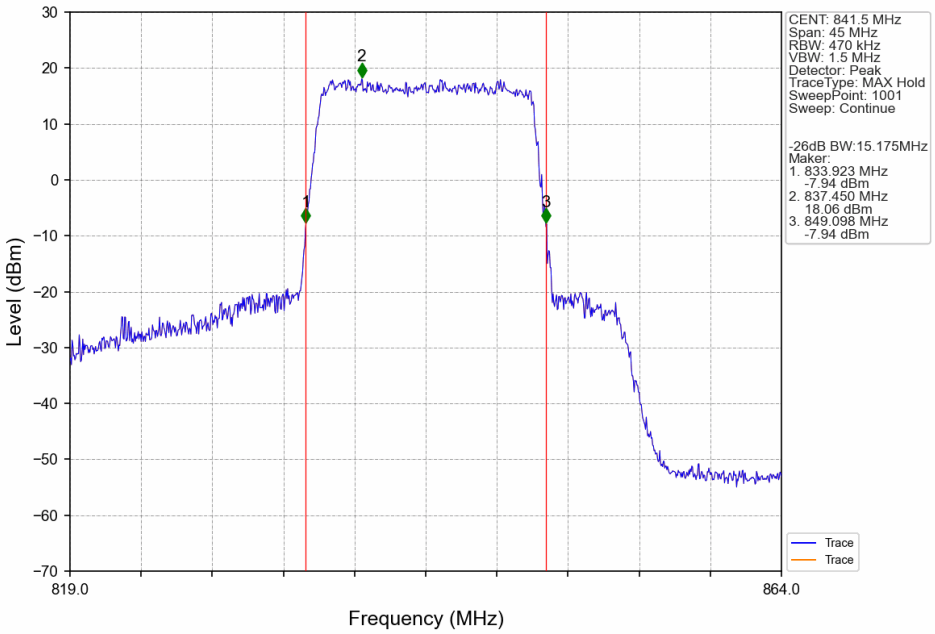
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



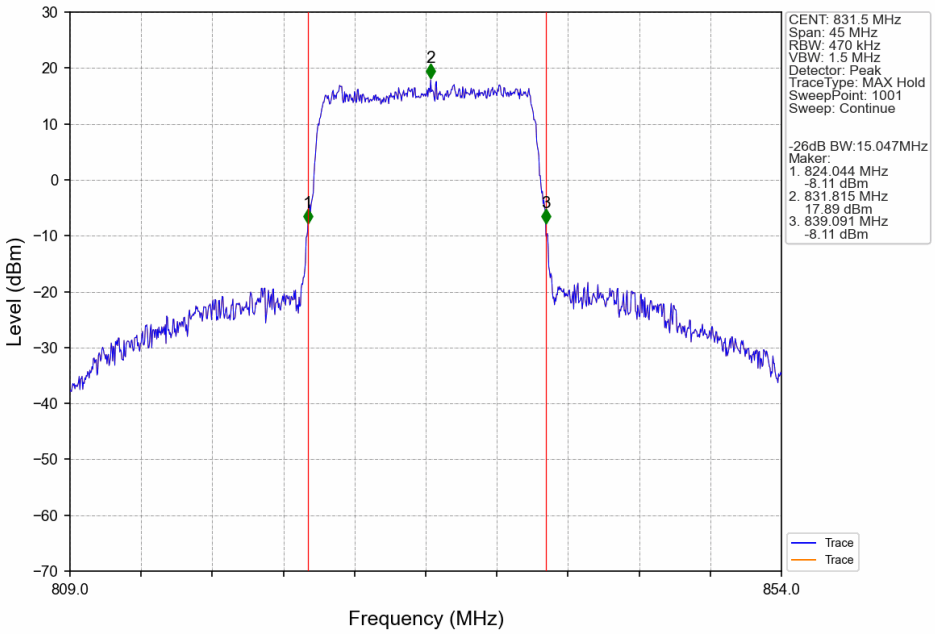
Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



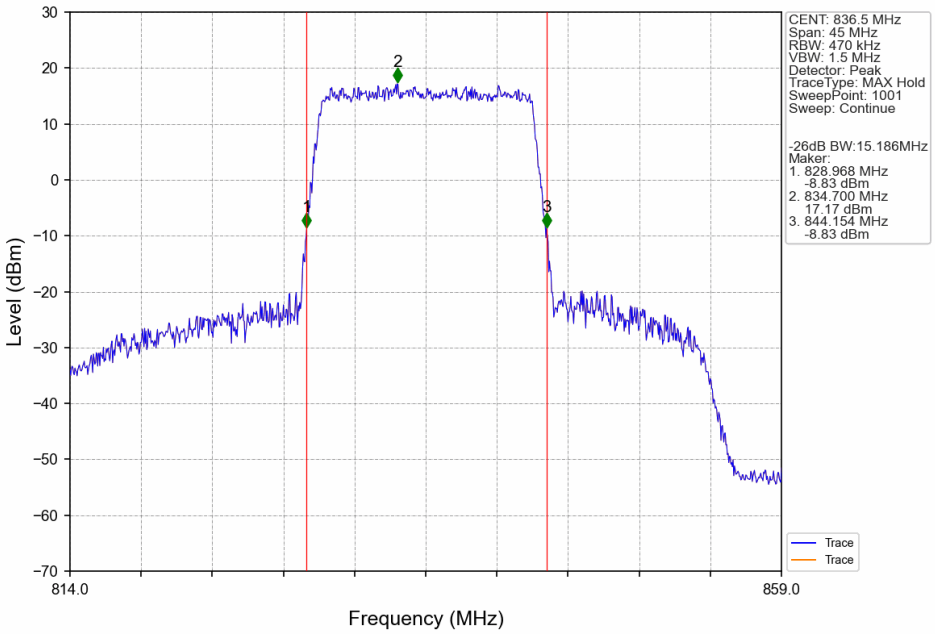
Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



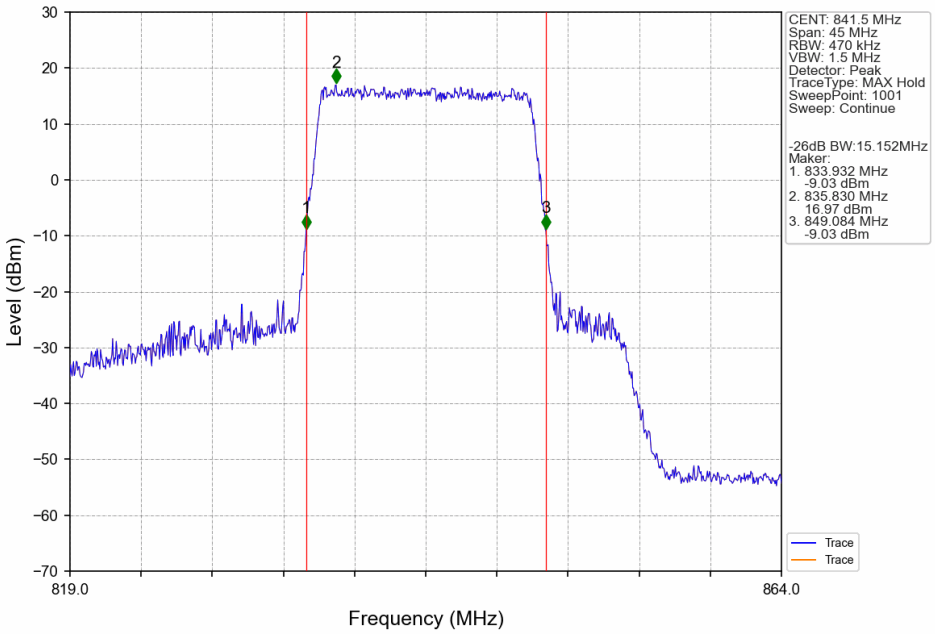
Band26b_15MHz_64QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26b_15MHz_64QAM_MCH_836.5MHz_RB_75_0_NTNV



Band26b_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.92	<=13	Pass
	836.5	6	0	5.33	<=13	Pass
	848.3	6	0	4.87	<=13	Pass
16QAM	824.7	6	0	8.79	<=13	Pass
	836.5	6	0	6.03	<=13	Pass
	848.3	6	0	5.77	<=13	Pass
64QAM	824.7	6	0	6.28	<=13	Pass
	836.5	6	0	6.71	<=13	Pass
	848.3	6	0	7.78	<=13	Pass

4.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.05	<=13	Pass
	836.5	15	0	5.45	<=13	Pass
	847.5	15	0	5.40	<=13	Pass
16QAM	825.5	15	0	5.82	<=13	Pass
	836.5	15	0	6.19	<=13	Pass
	847.5	15	0	6.19	<=13	Pass
64QAM	825.5	15	0	6.09	<=13	Pass
	836.5	15	0	6.49	<=13	Pass
	847.5	15	0	6.45	<=13	Pass

4.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.19	<=13	Pass
	836.5	25	0	5.53	<=13	Pass
	846.5	25	0	5.51	<=13	Pass
16QAM	826.5	25	0	5.80	<=13	Pass
	836.5	25	0	6.19	<=13	Pass
	846.5	25	0	6.22	<=13	Pass
64QAM	826.5	25	0	6.15	<=13	Pass
	836.5	25	0	6.50	<=13	Pass
	846.5	25	0	6.52	<=13	Pass

4.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.25	<=13	Pass
	836.5	50	0	5.44	<=13	Pass
	844	50	0	5.57	<=13	Pass
16QAM	829	50	0	5.86	<=13	Pass
	836.5	50	0	6.21	<=13	Pass
	844	50	0	6.31	<=13	Pass
64QAM	829	50	0	6.24	<=13	Pass
	836.5	50	0	6.48	<=13	Pass
	844	50	0	6.63	<=13	Pass

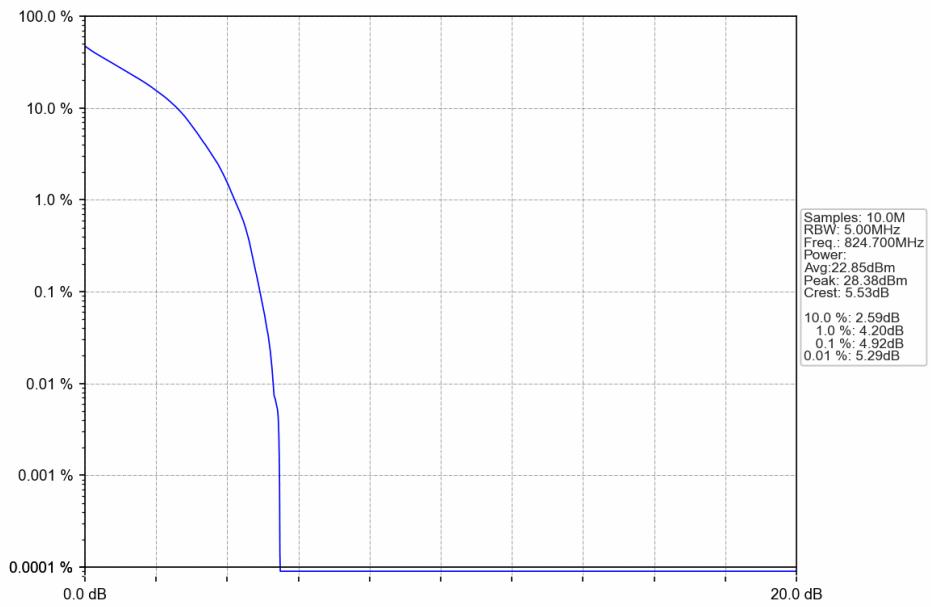
4.1.5 B26b_15MHz

Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	5.56	<=13	Pass
	836.5	75	0	5.60	<=13	Pass
	841.5	75	0	5.80	<=13	Pass
16QAM	831.5	75	0	6.08	<=13	Pass
	836.5	75	0	6.14	<=13	Pass
	841.5	75	0	6.29	<=13	Pass
64QAM	831.5	75	0	6.36	<=13	Pass
	836.5	75	0	6.43	<=13	Pass
	841.5	75	0	6.54	<=13	Pass

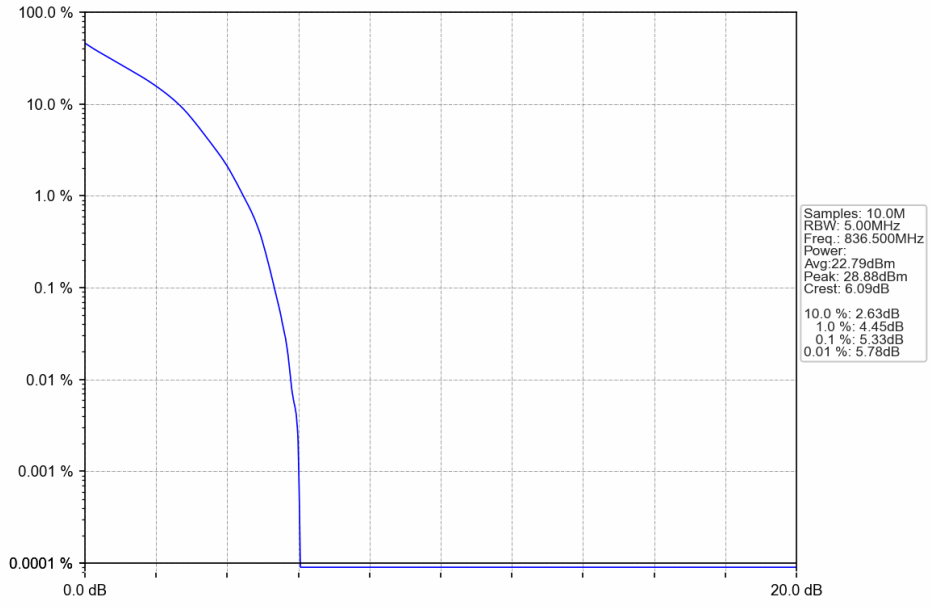
4.2 Test Graph

4.2.1 B26b_1.4MHz

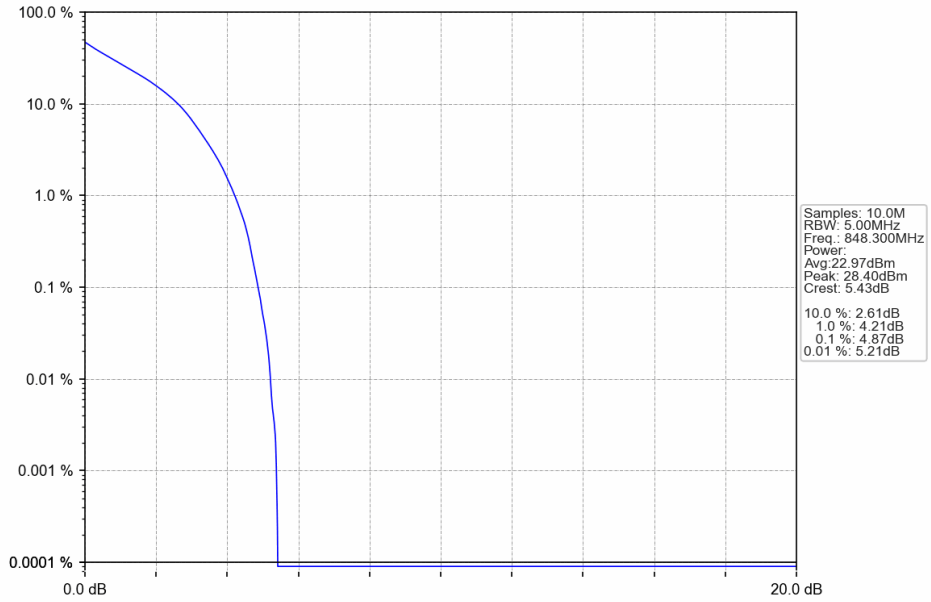
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



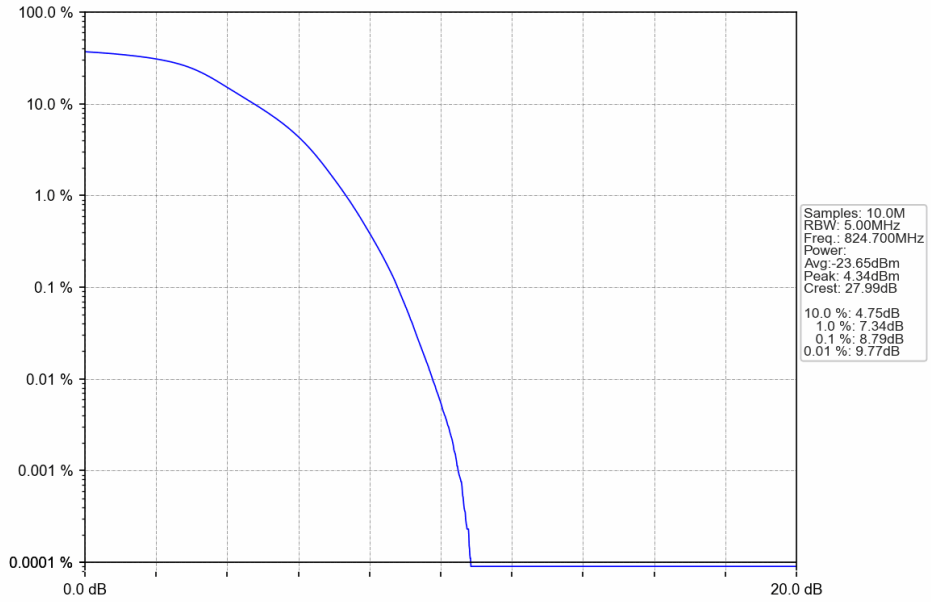
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



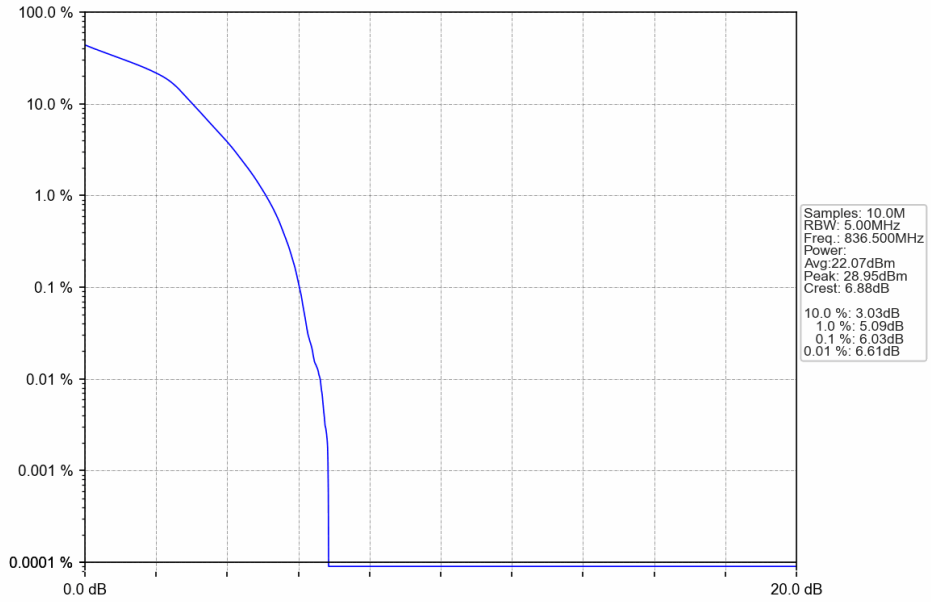
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



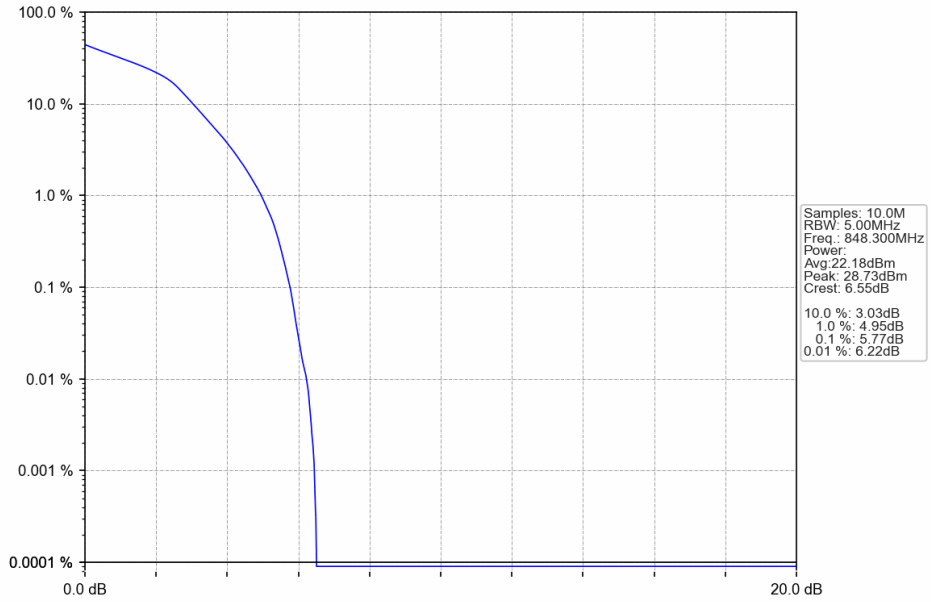
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



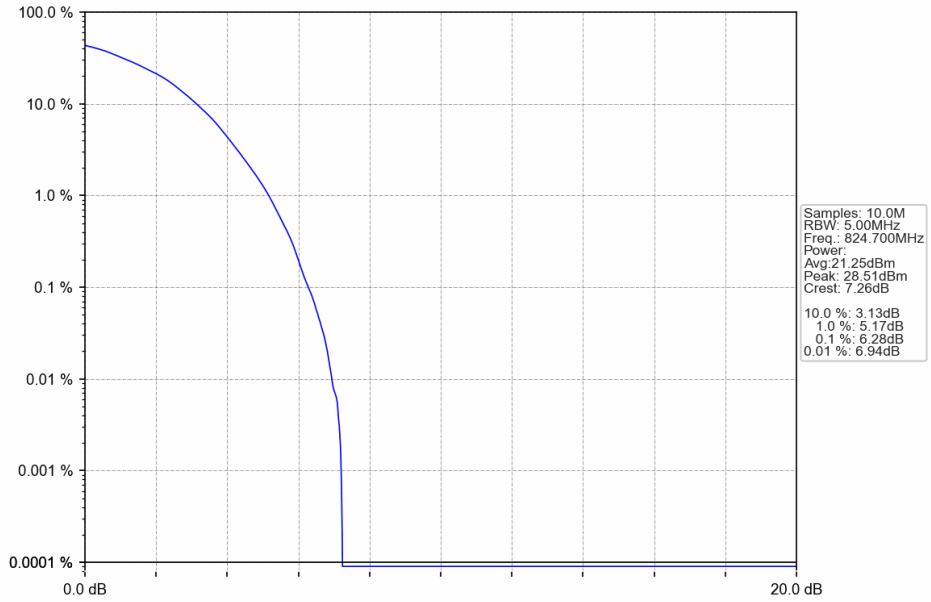
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



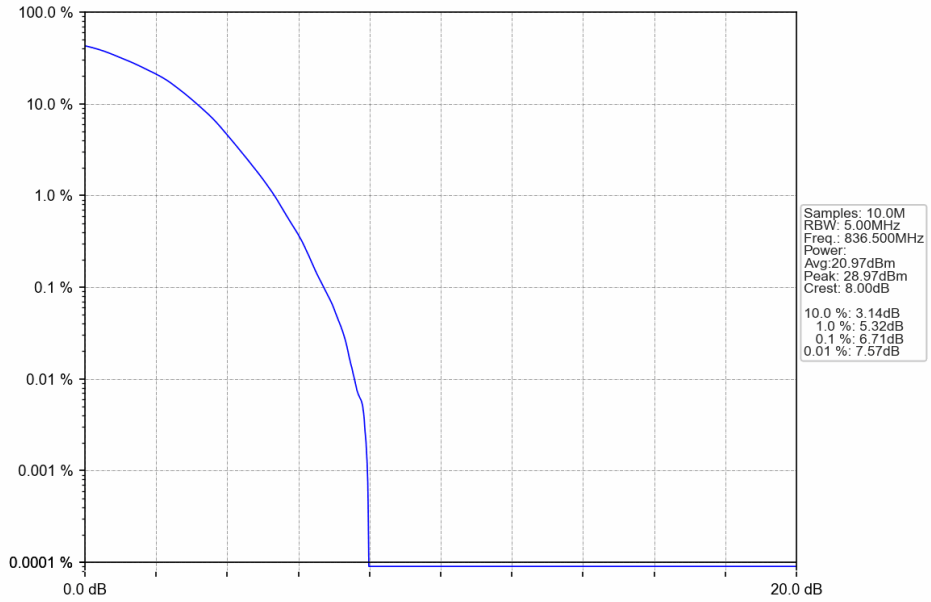
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



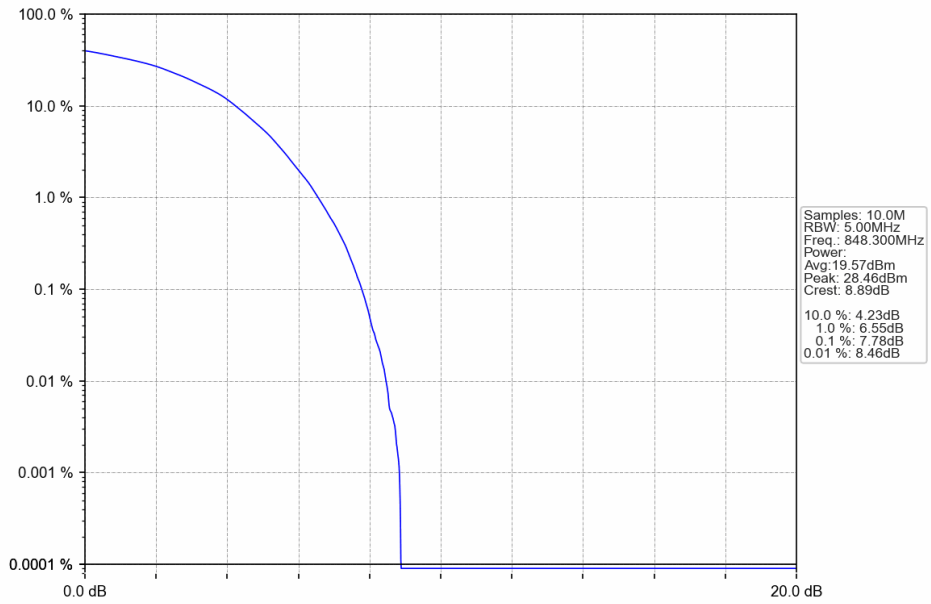
Band26b_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band26b_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV

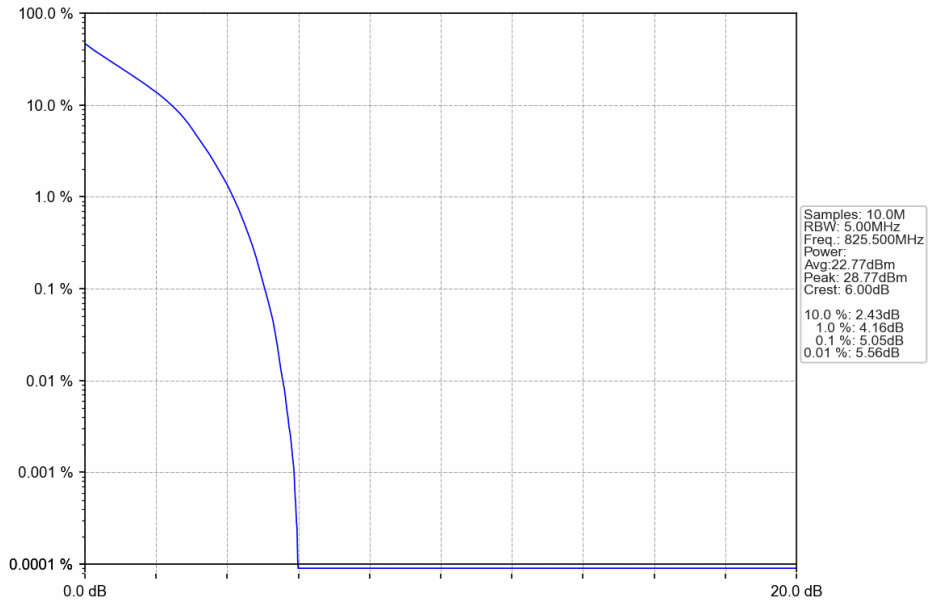


Band26b_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV

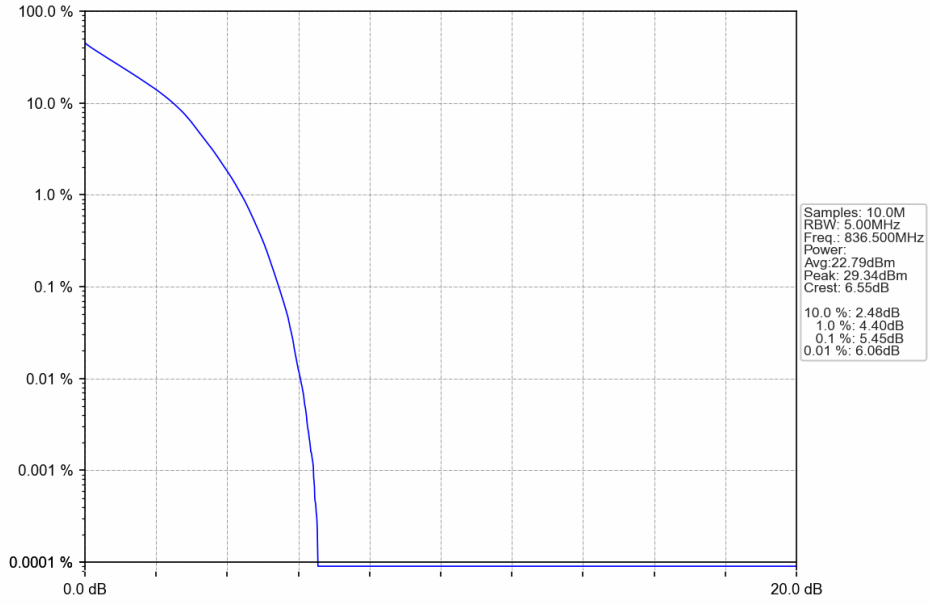


4.2.2 B26b_3MHz

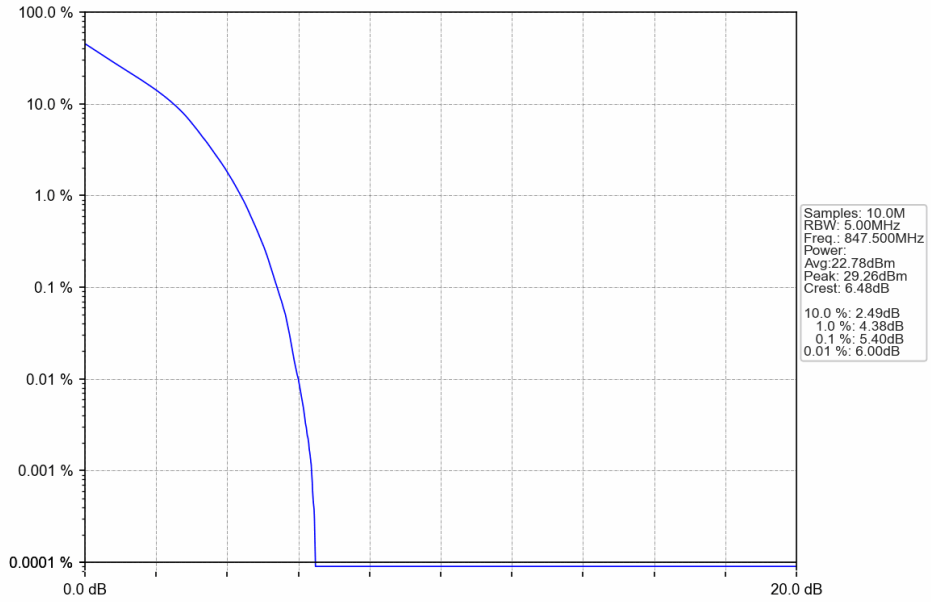
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



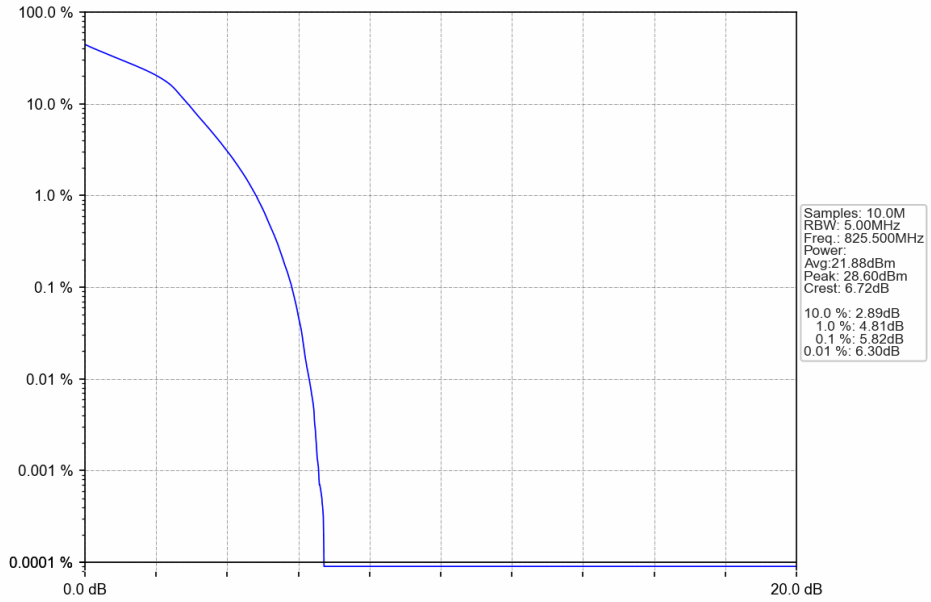
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



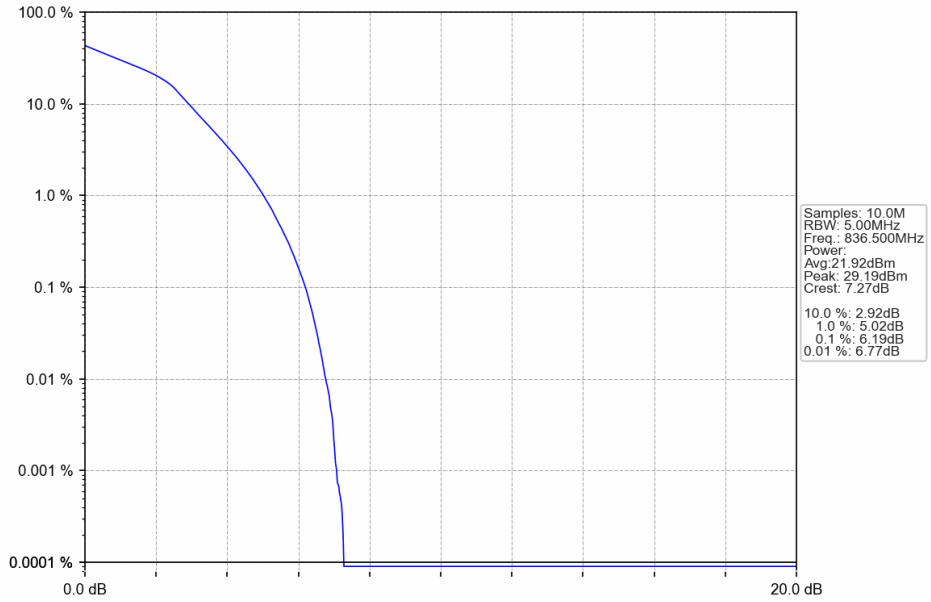
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



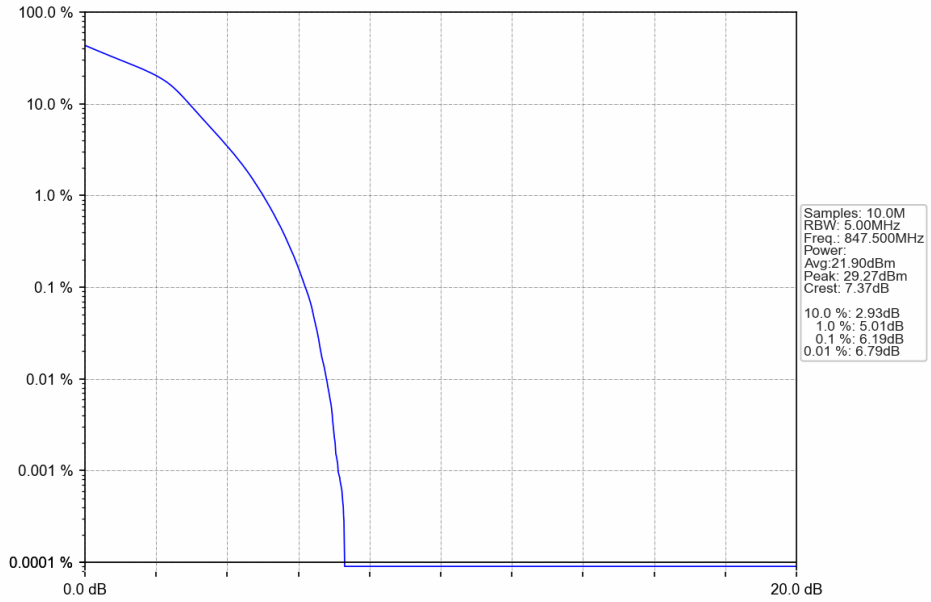
Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



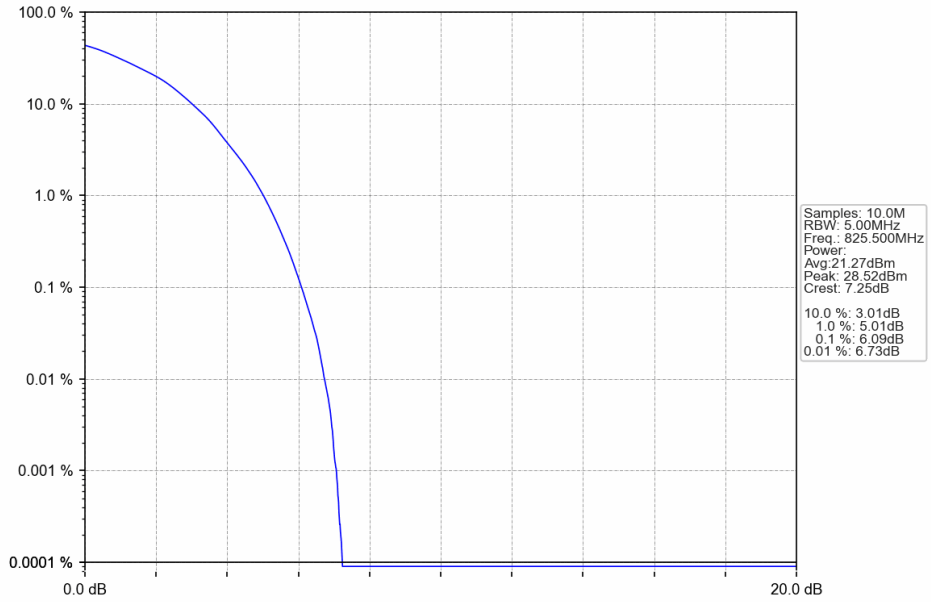
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



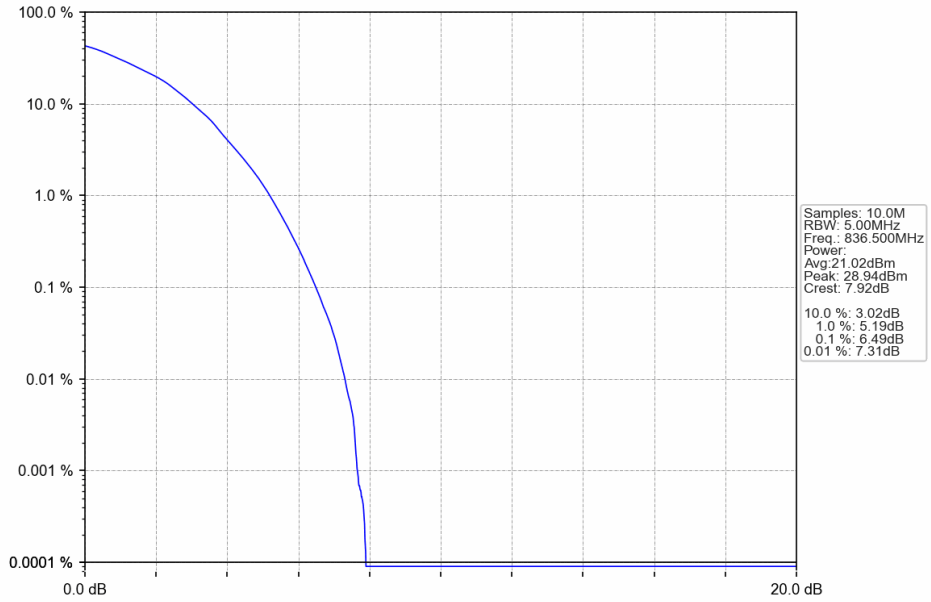
Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



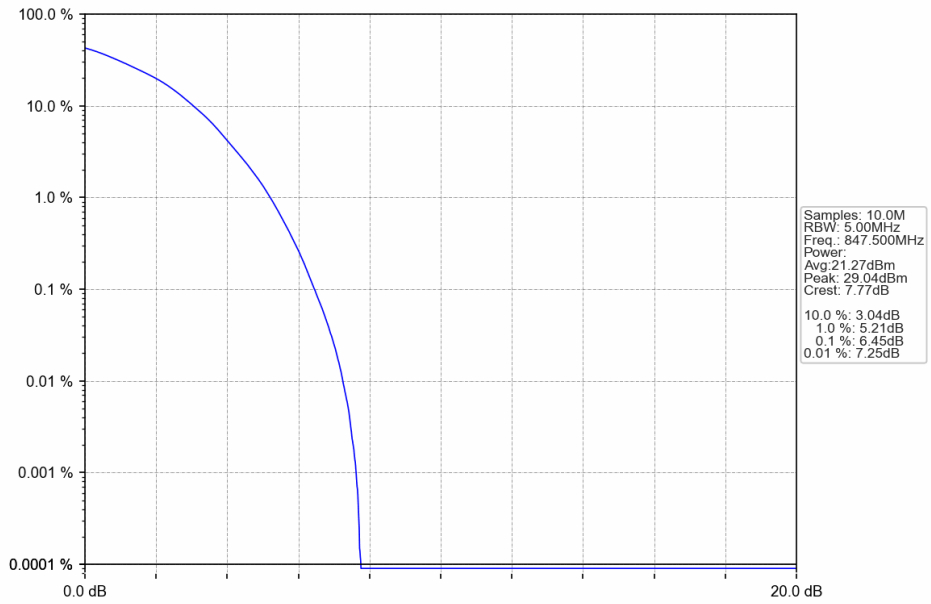
Band26b_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band26b_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV

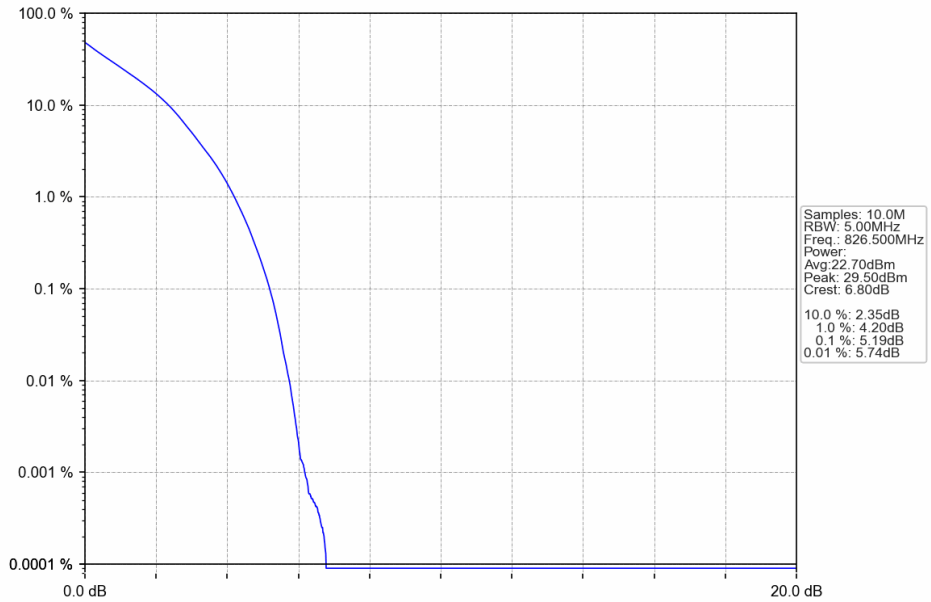


Band26b_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV

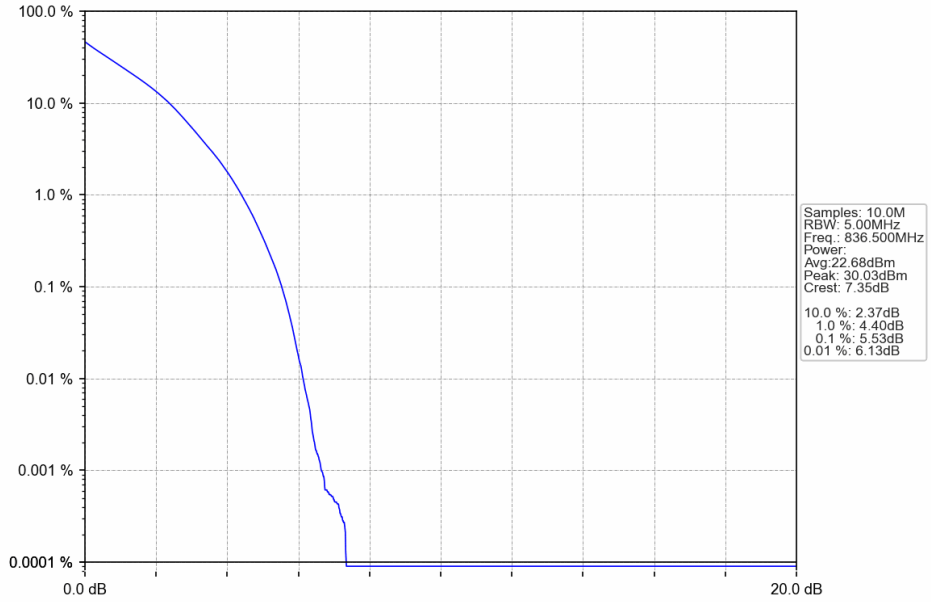


4.2.3 B26b_5MHz

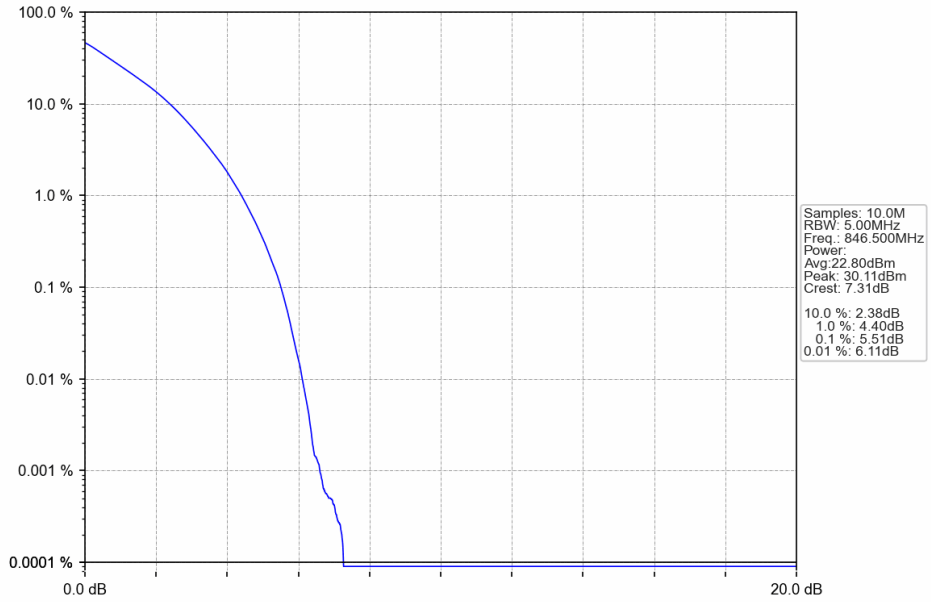
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



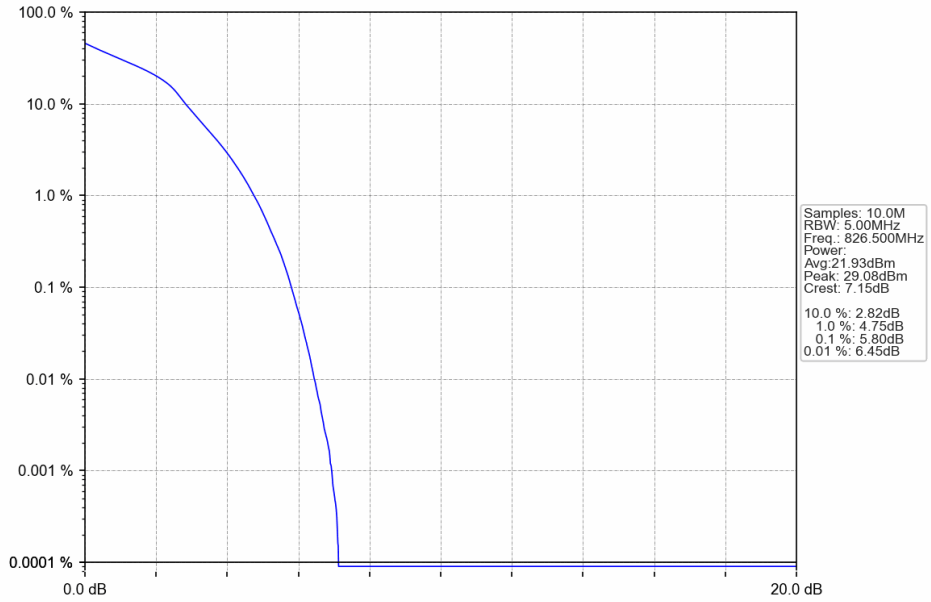
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



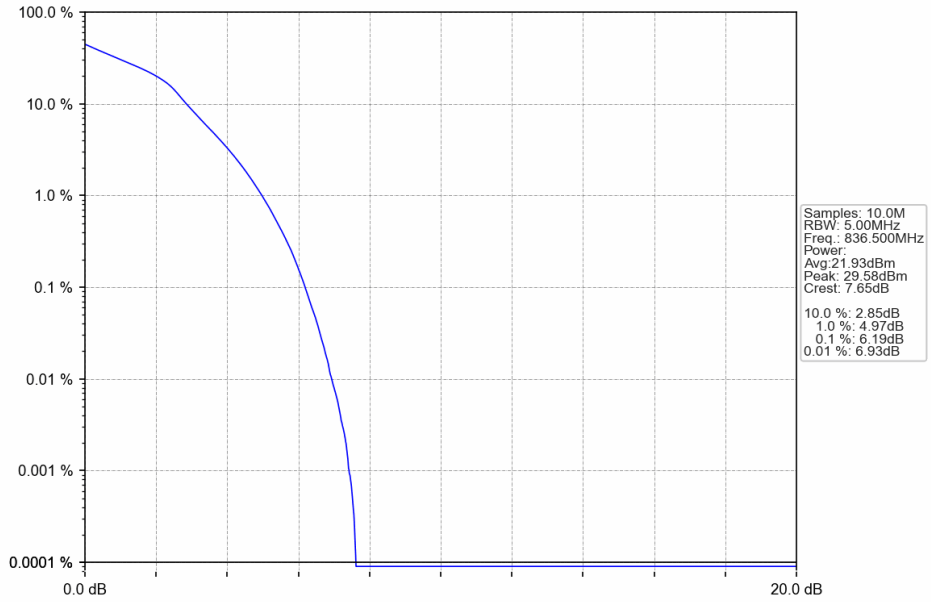
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



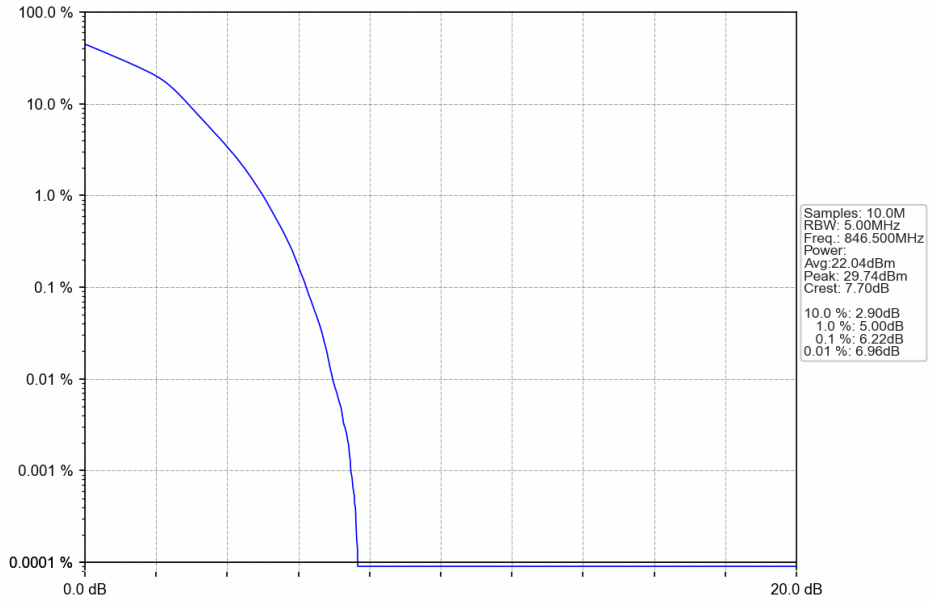
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



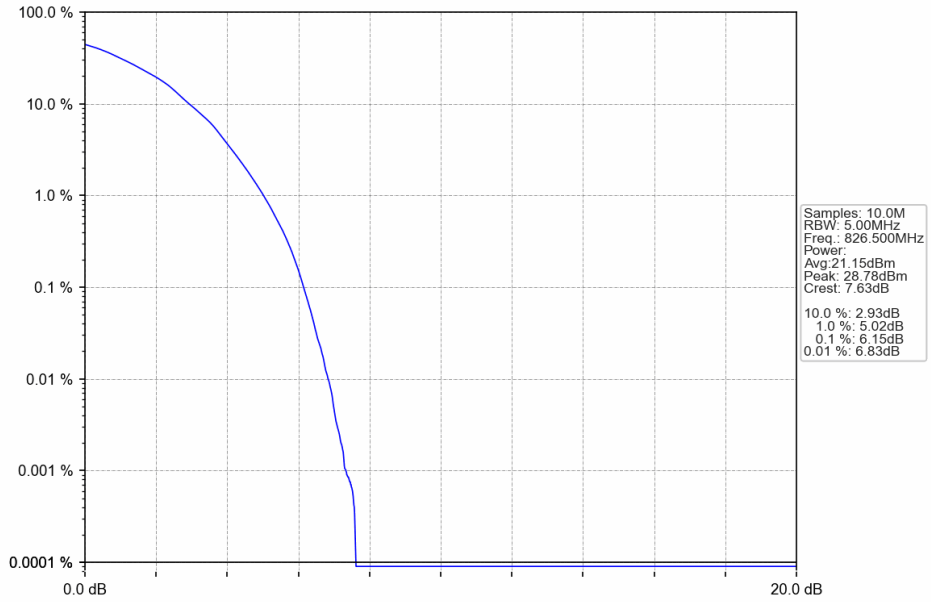
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



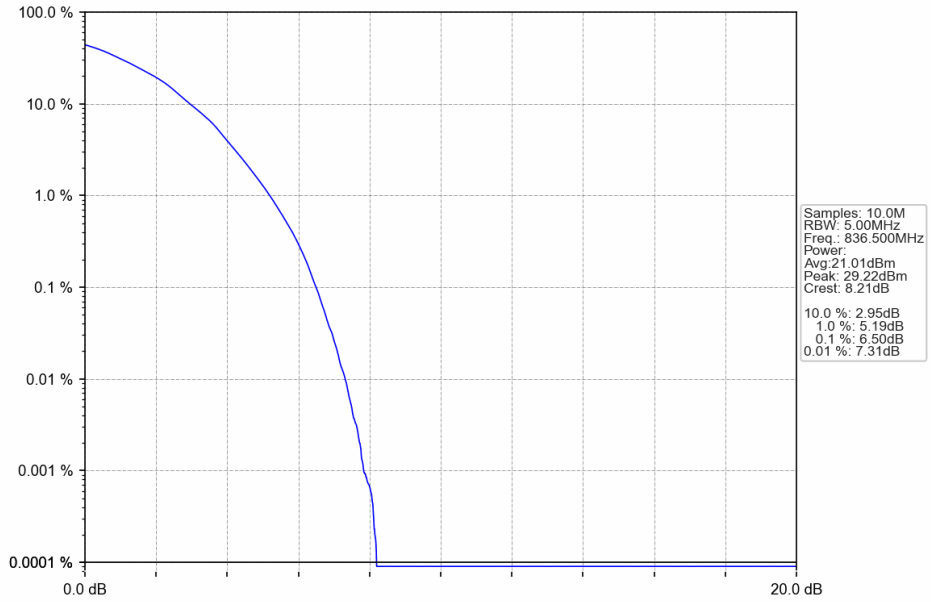
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



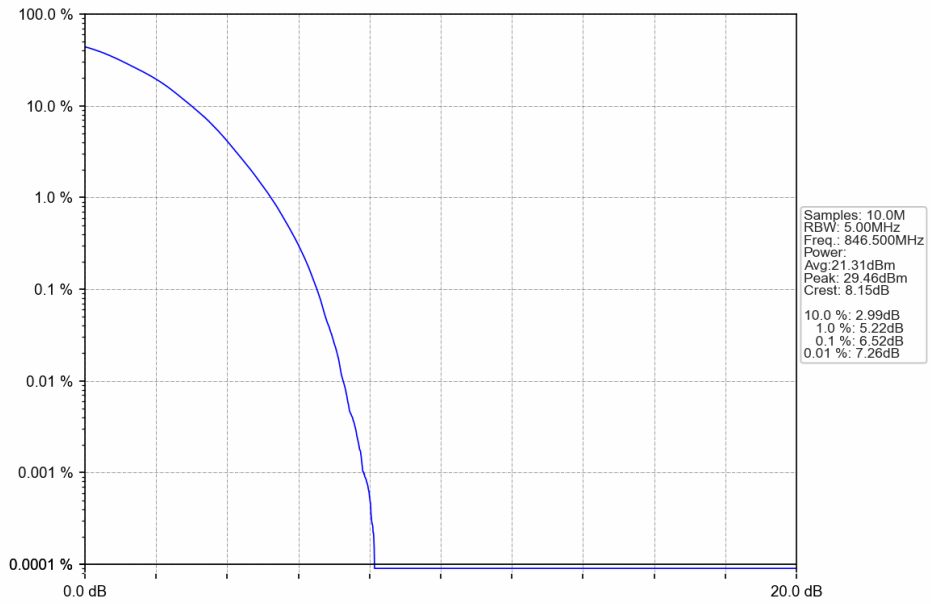
Band26b_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band26b_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV

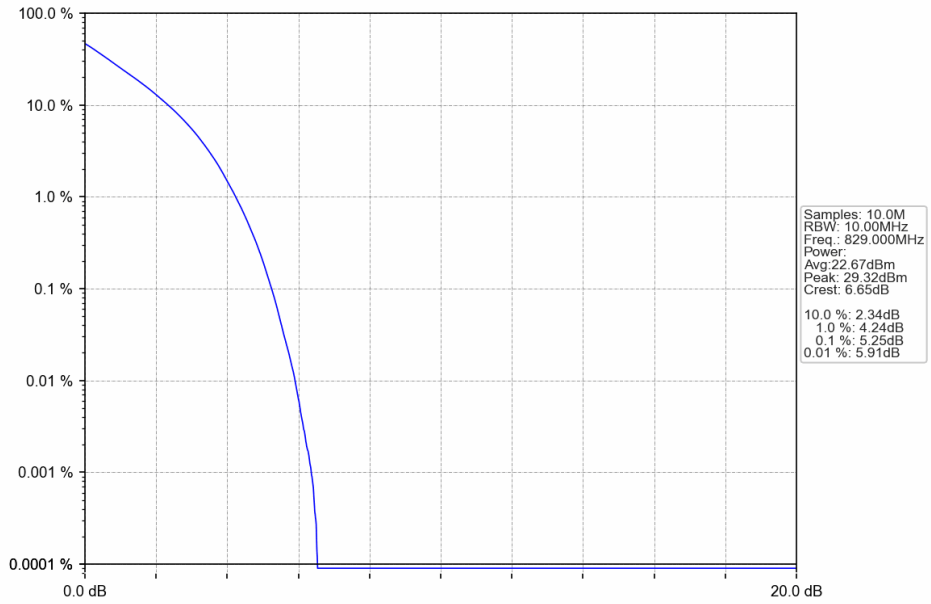


Band26b_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV

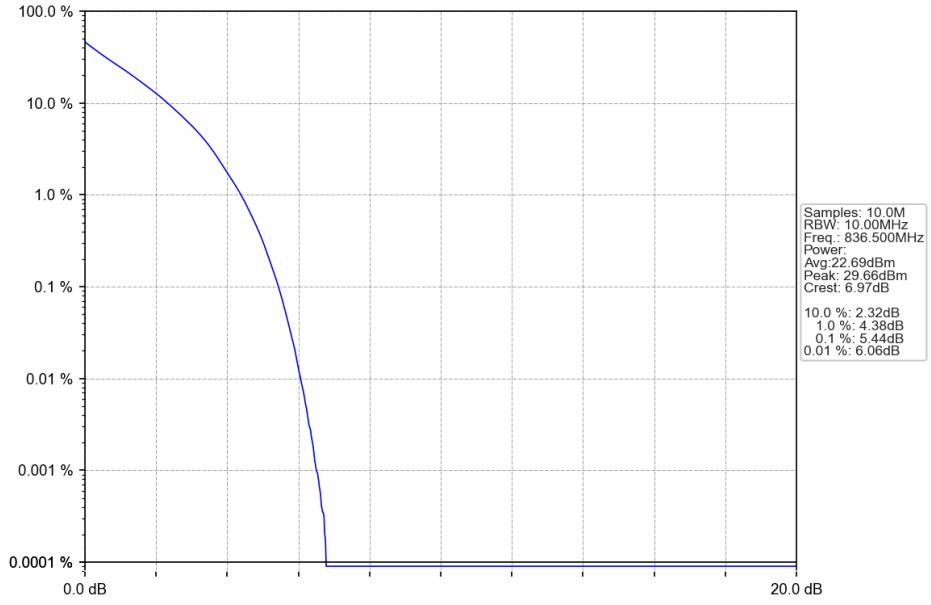


4.2.4 B26b_10MHz

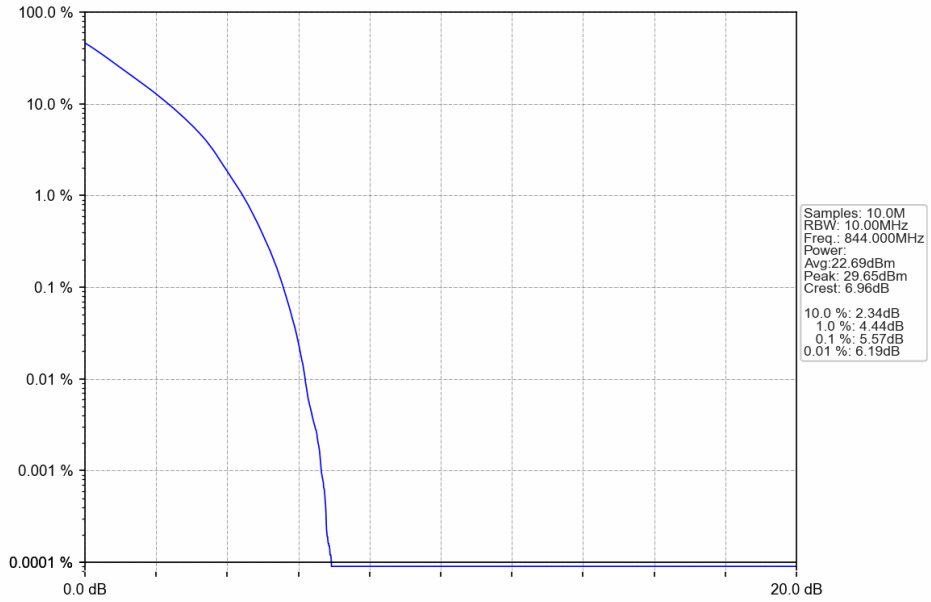
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



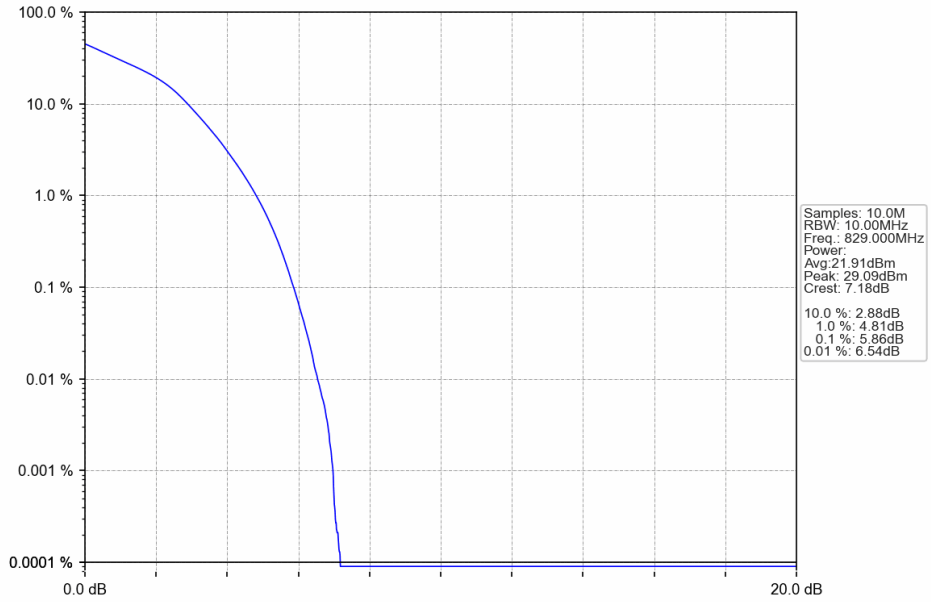
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



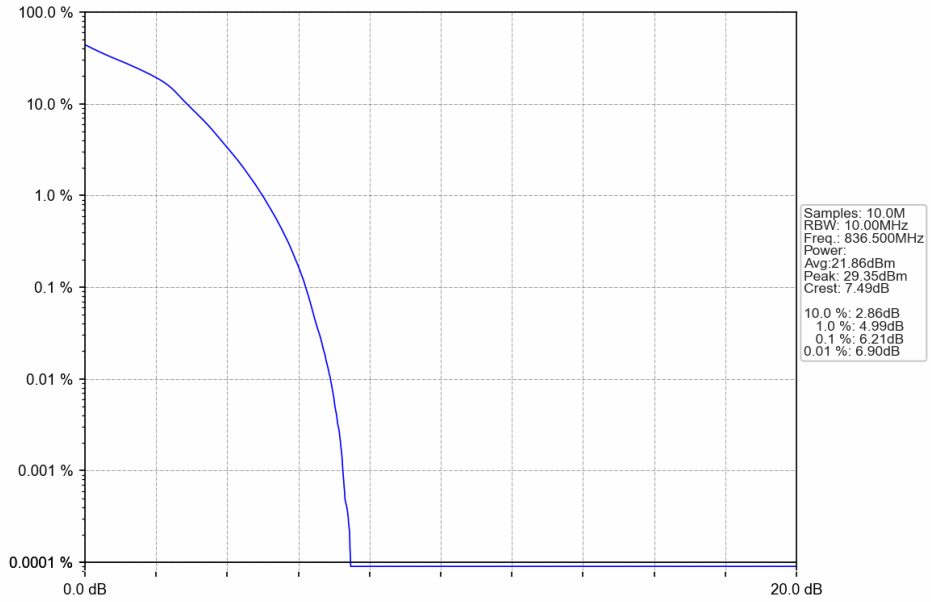
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



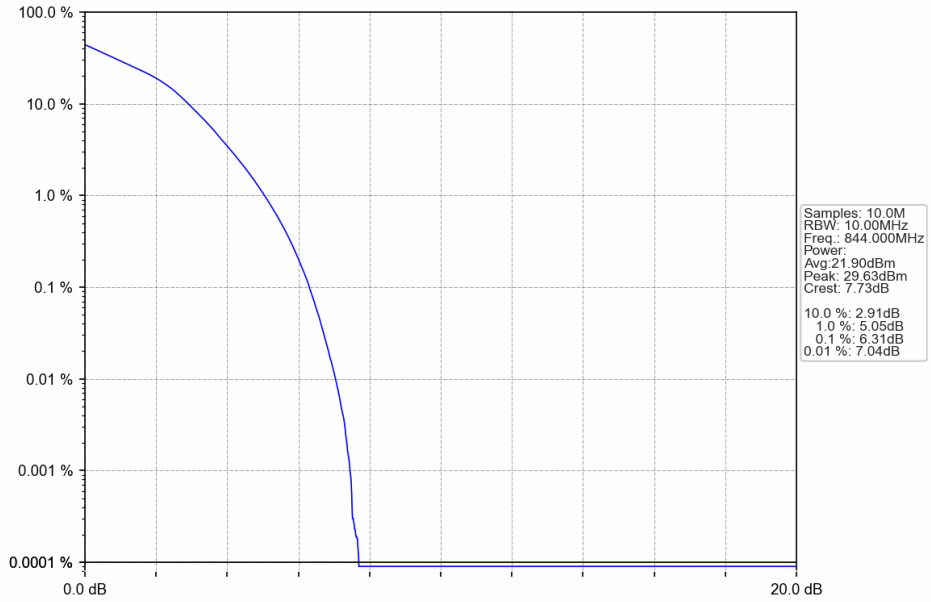
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



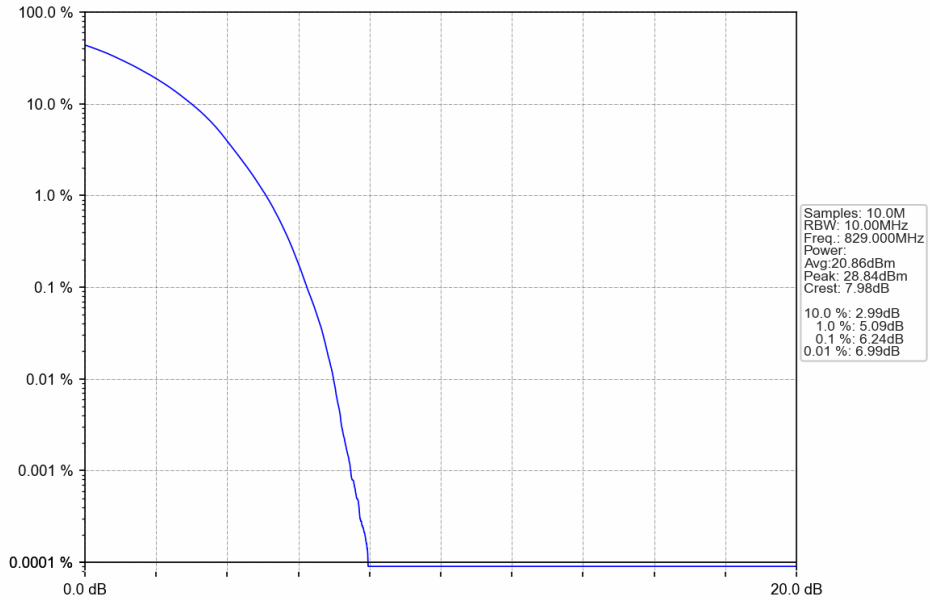
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



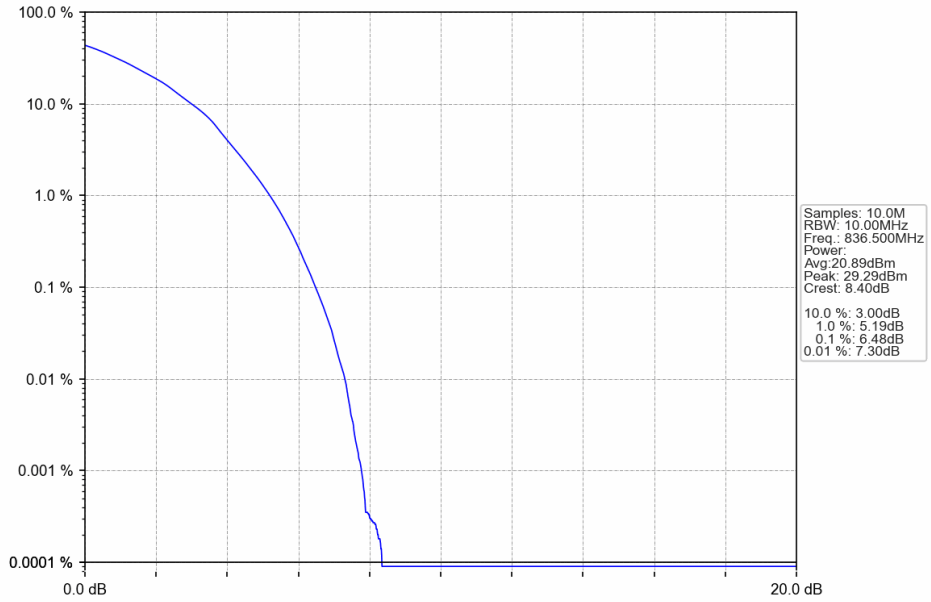
Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



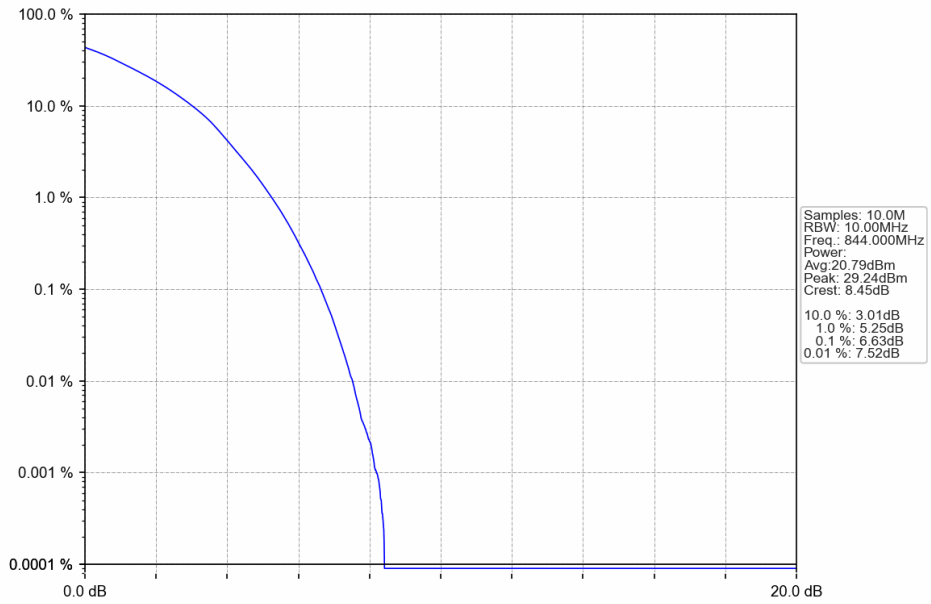
Band26b_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV

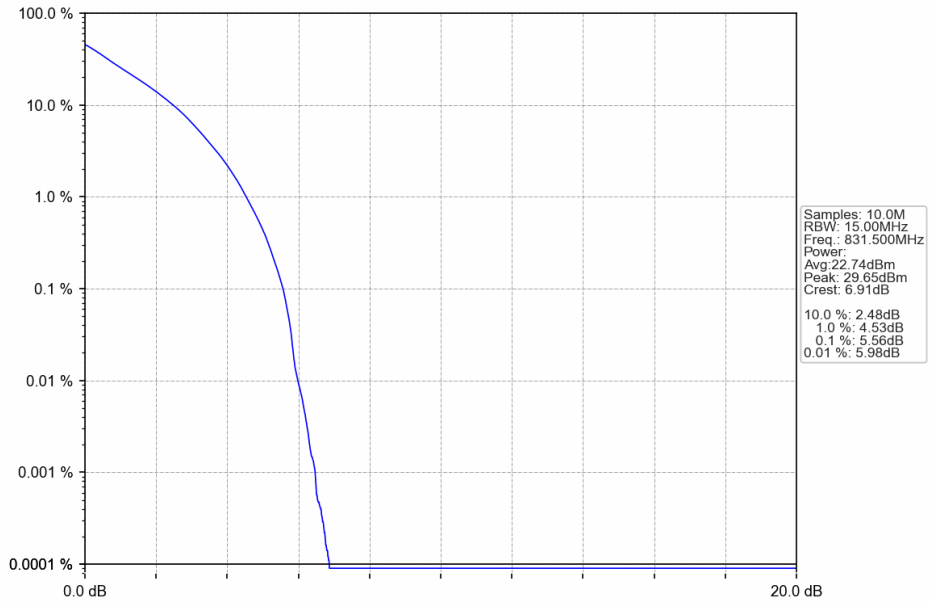


Band26b_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV

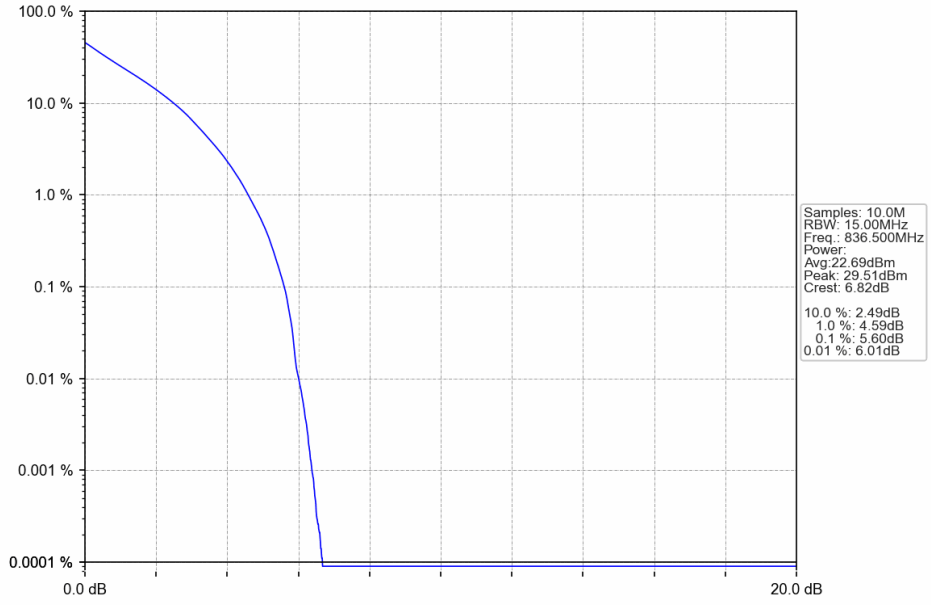


4.2.5 B26b_15MHz

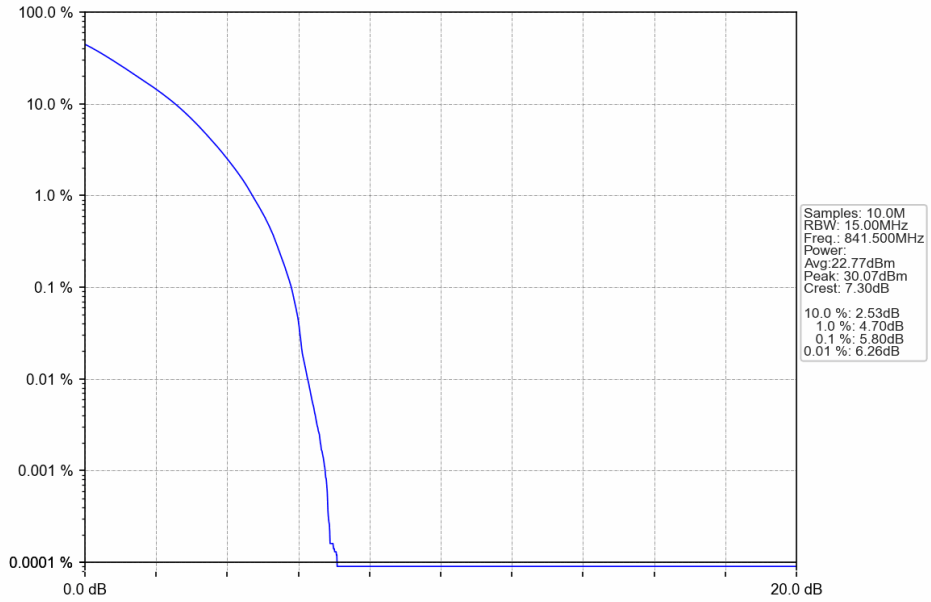
Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



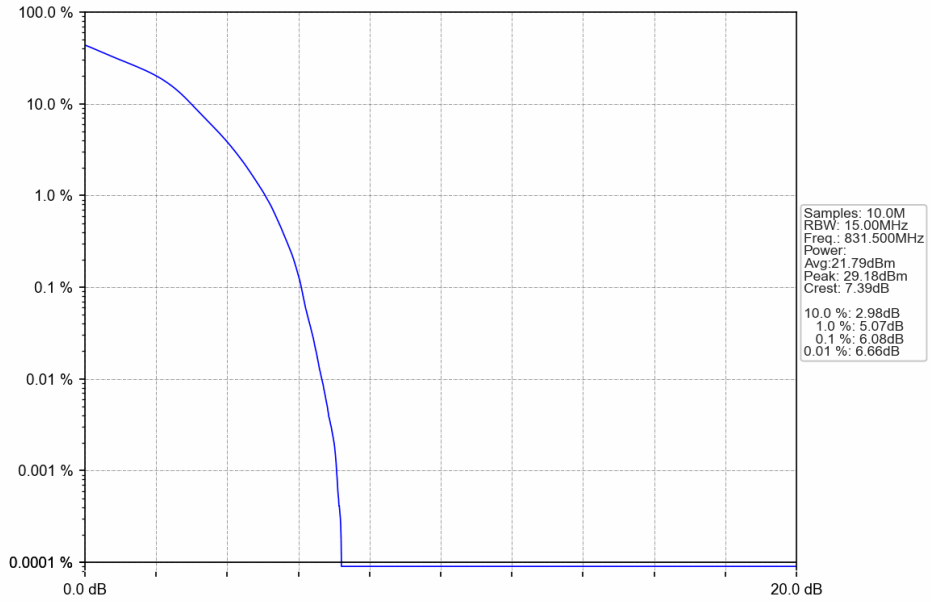
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV



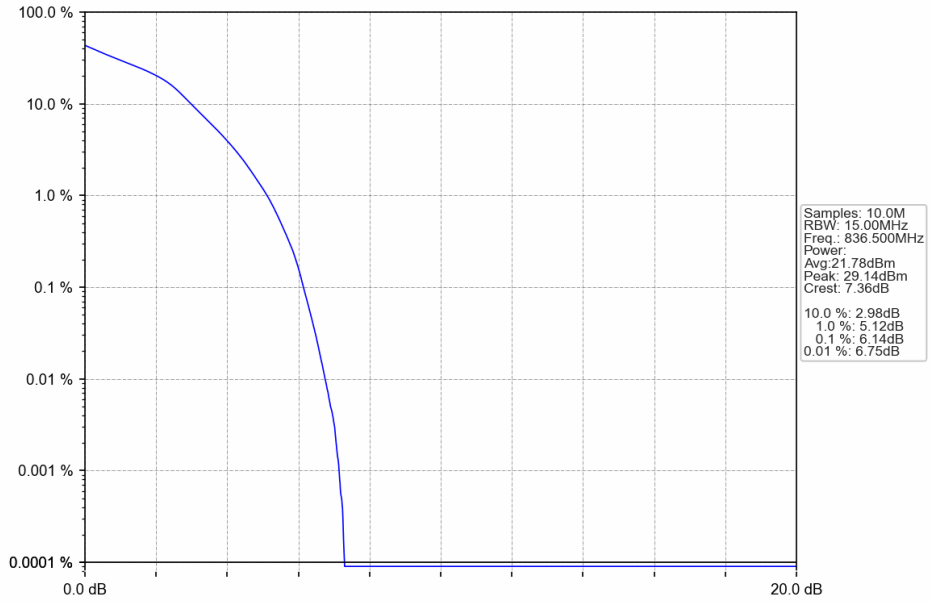
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



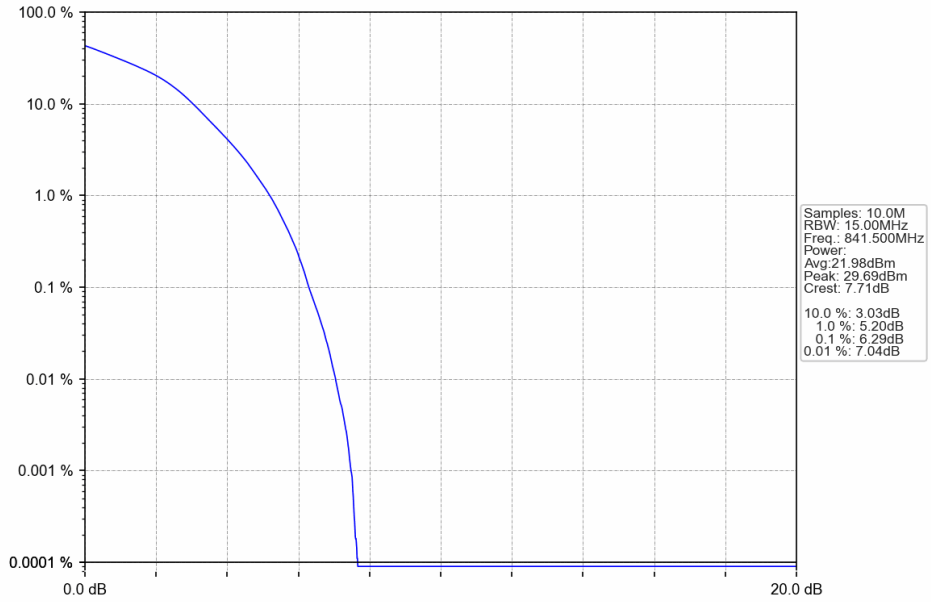
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



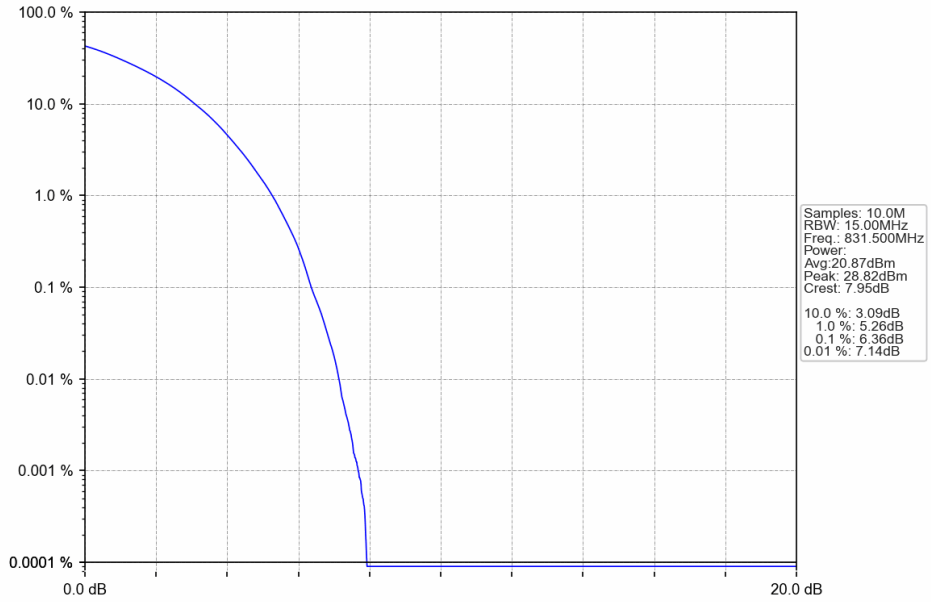
Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



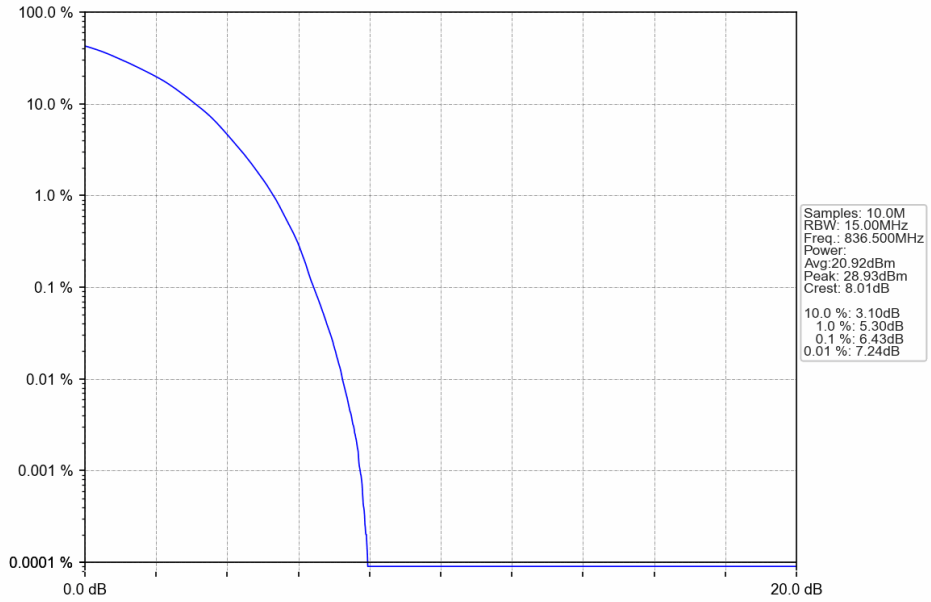
Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



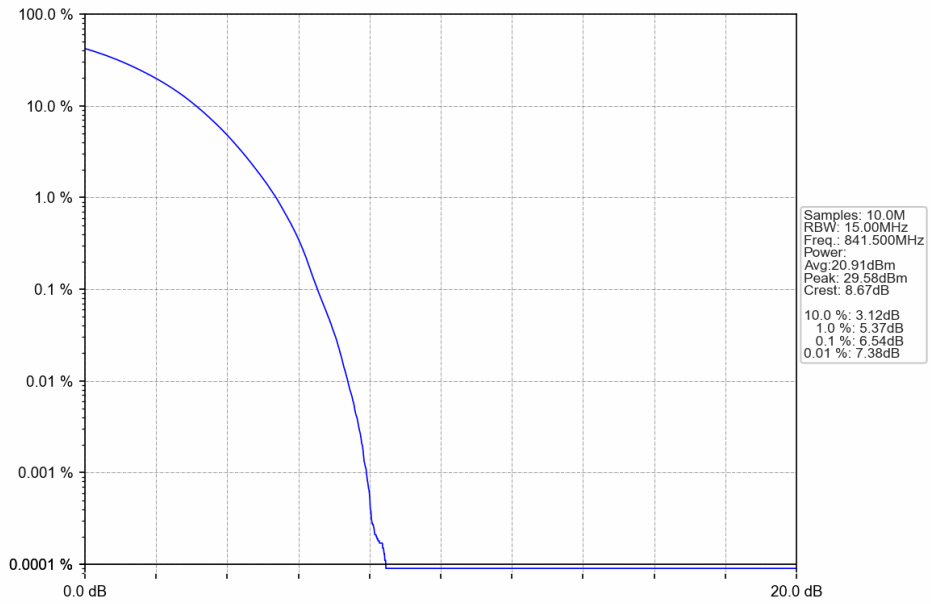
Band26b_15MHz_64QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26b_15MHz_64QAM_MCH_836.5MHz_RB_75_0_NTNV



Band26b_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B26b_15MHz

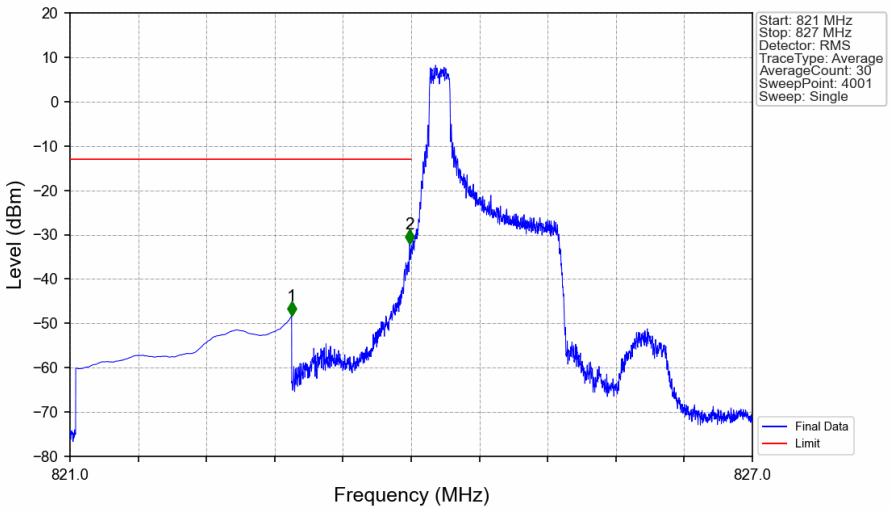
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

		75	0	Refer To Test Graph	Pass
16QAM	831.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	841.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
64QAM	831.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	841.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

5.2 Test Graph

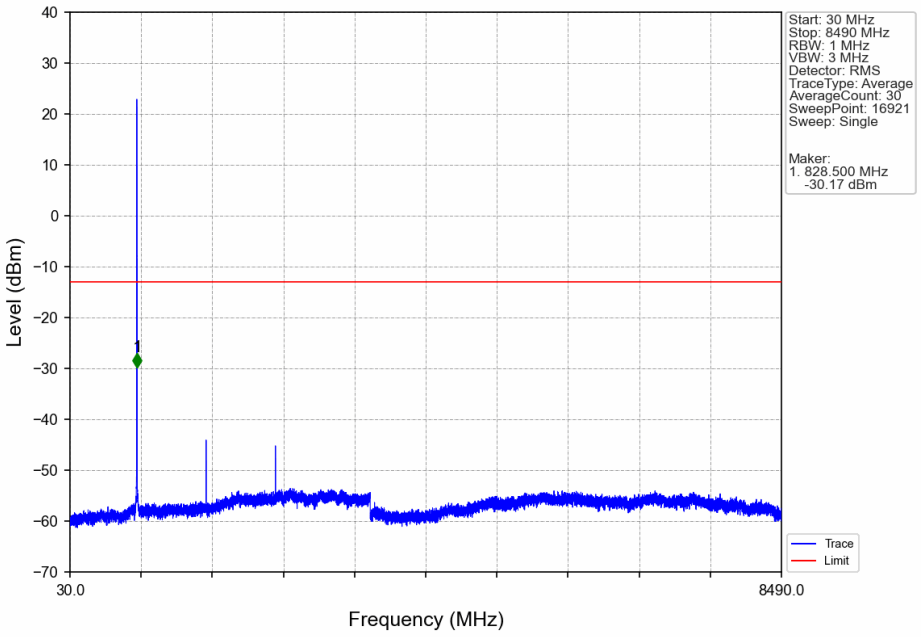
5.2.1 B26b_1.4MHz

Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

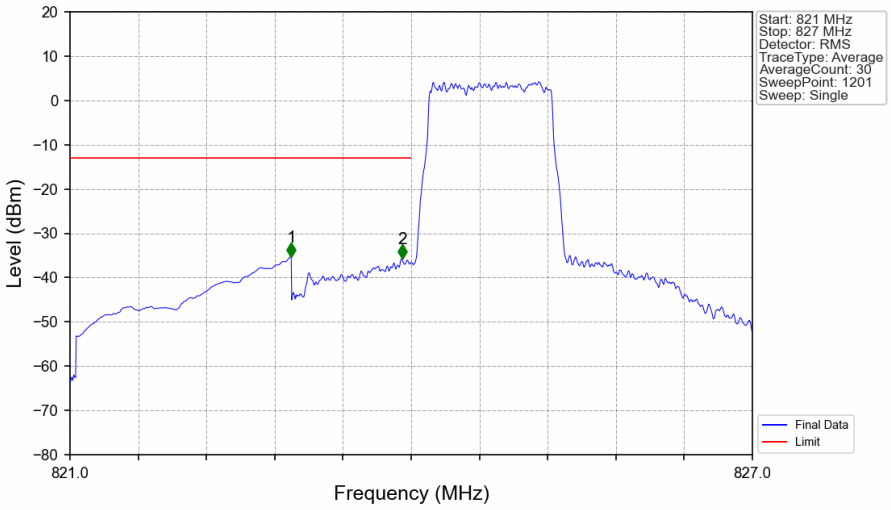


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-48.29	-13	Pass
823	824	0.003	/	2	823.986	-32.05	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

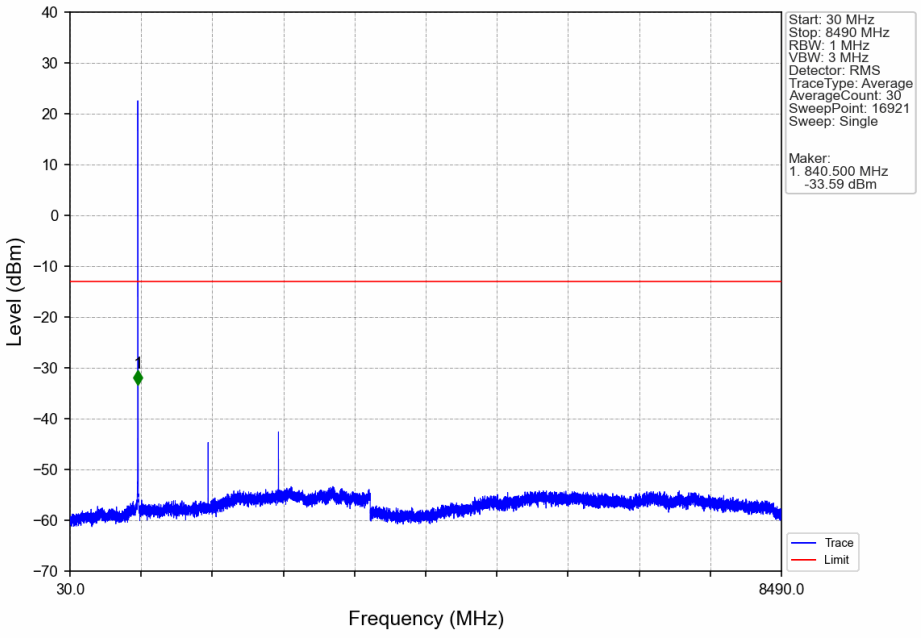


Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

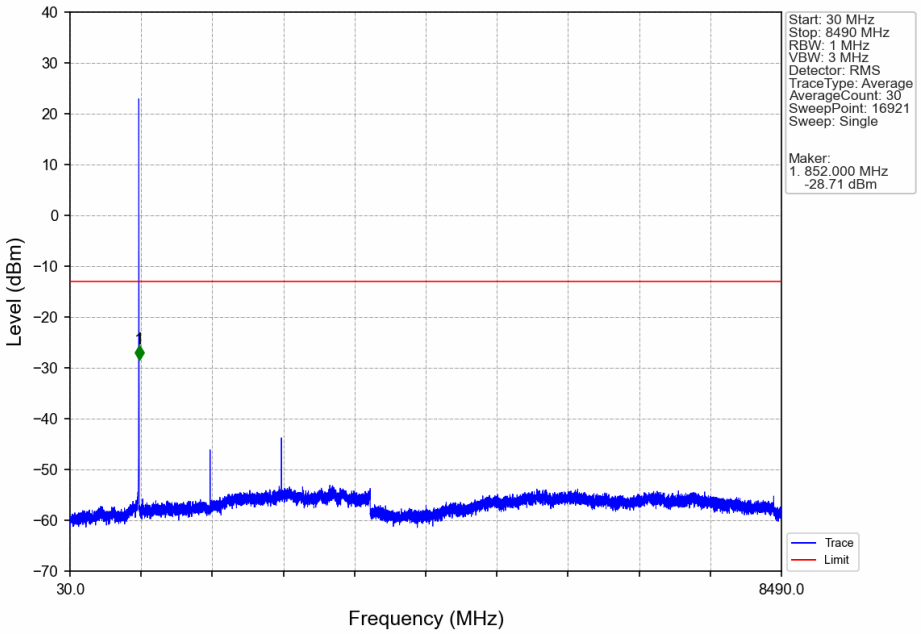


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-35.26	-13	Pass
823	824	0.013	CHP	2	823.920	-35.67	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

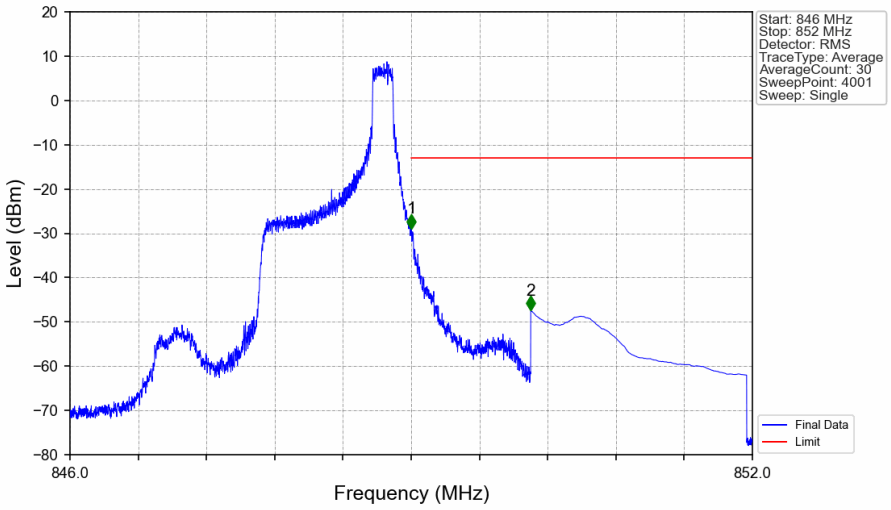
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

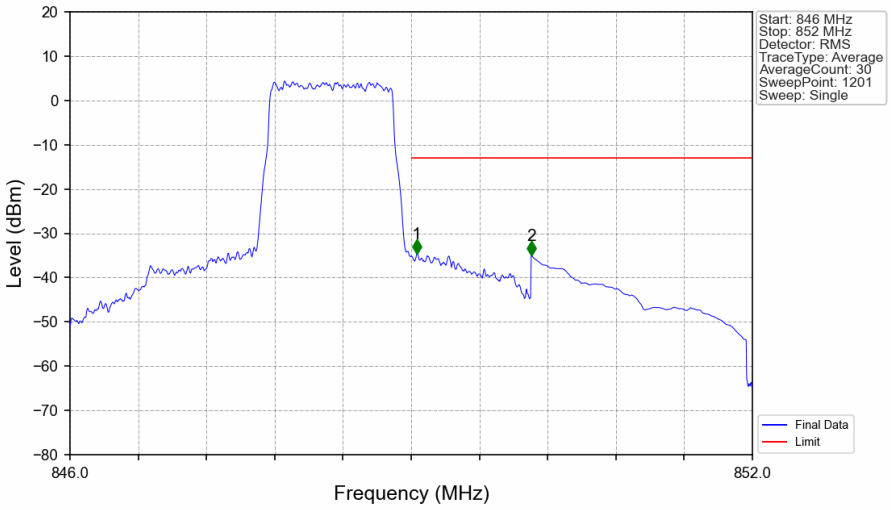


Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



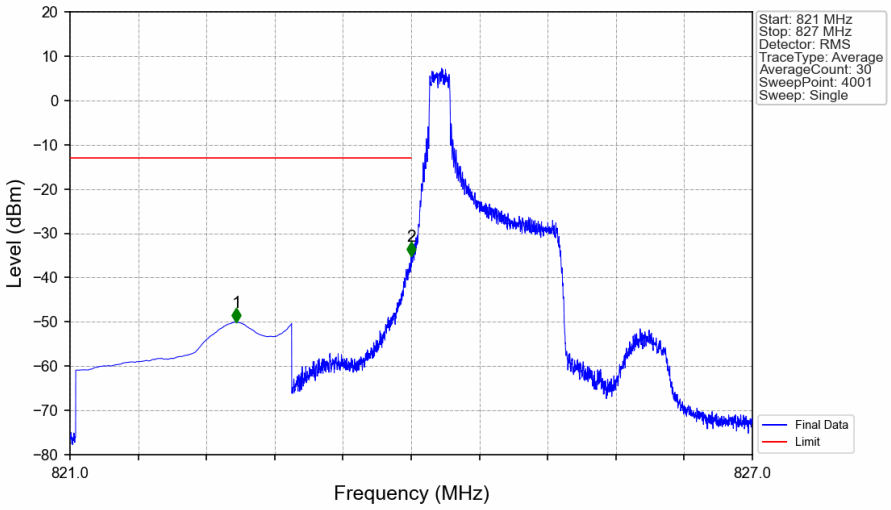
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-28.85	-13	Pass
850	852	0.1	CHP	2	850.052	-47.38	-13	Pass

Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



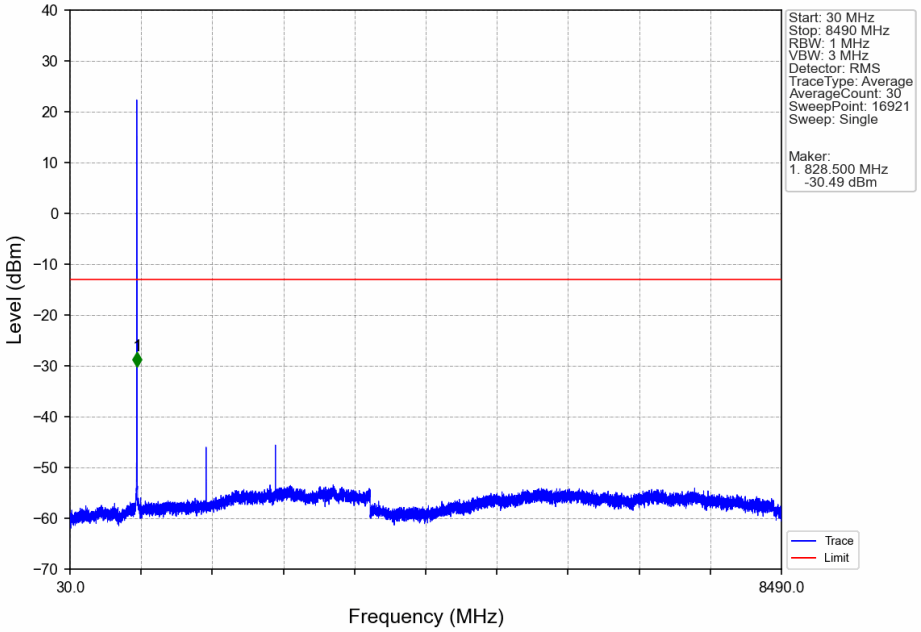
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.050	-34.64	-13	Pass
850	852	0.1	CHP	2	850.055	-34.95	-13	Pass

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

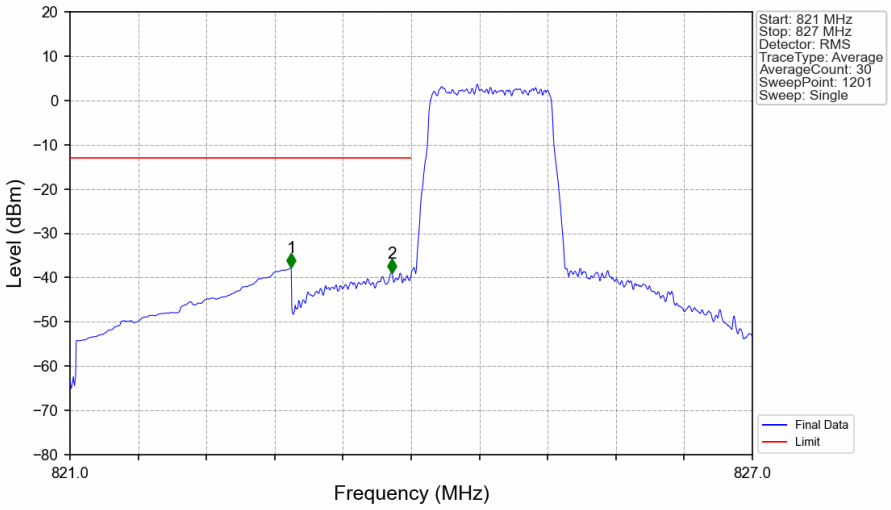


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.464	-50.01	-13	Pass
823	824	0.003	/	2	823.999	-35.18	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

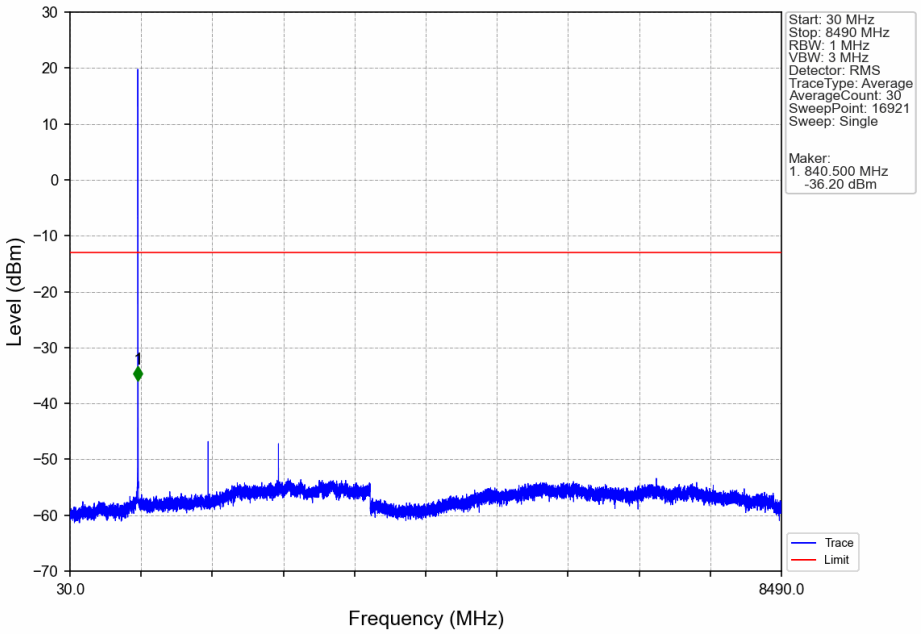


Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

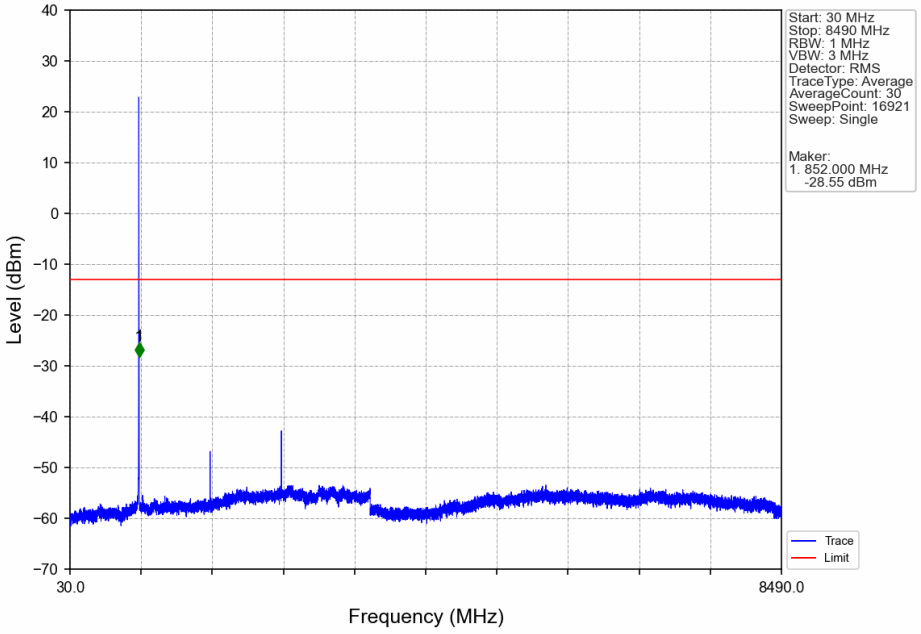


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-37.76	-13	Pass
823	824	0.013	CHP	2	823.830	-38.92	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

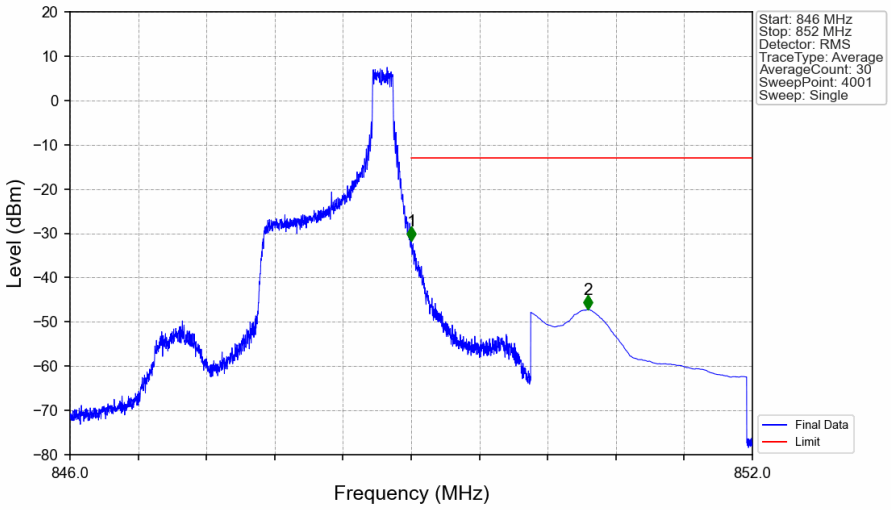
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

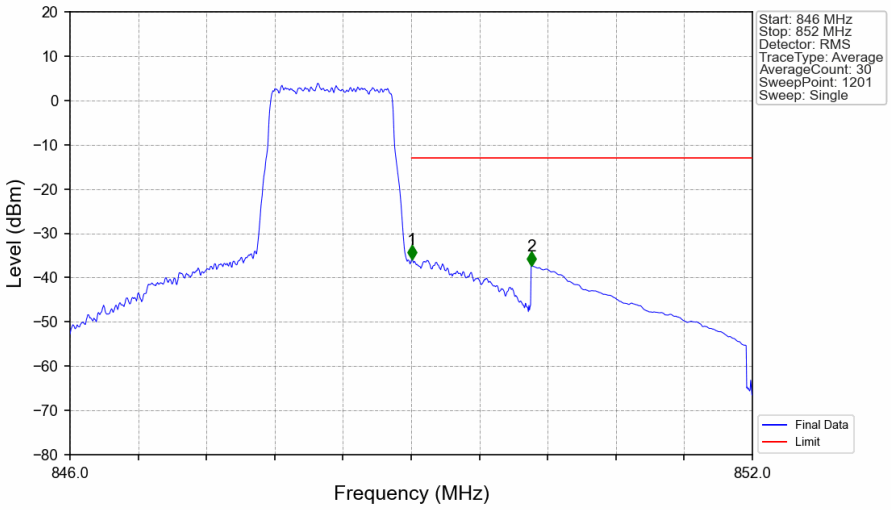


Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



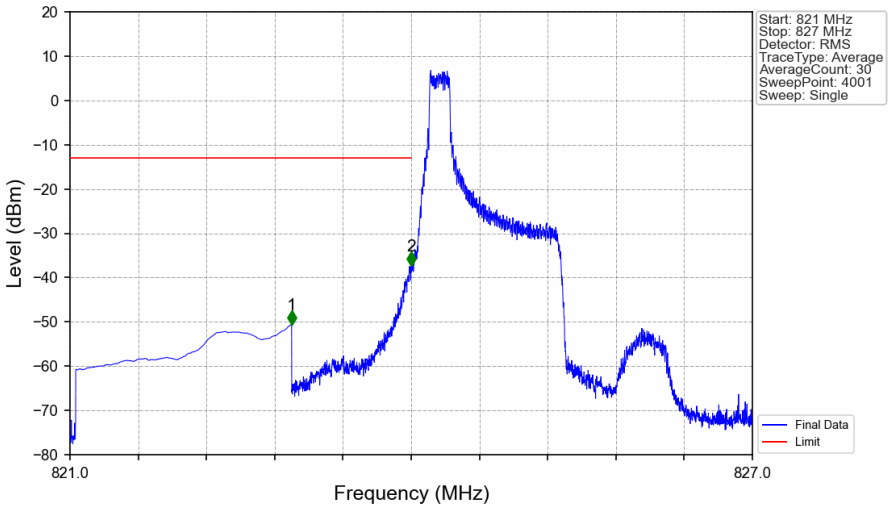
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-31.63	-13	Pass
850	852	0.1	CHP	2	850.556	-47.14	-13	Pass

Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



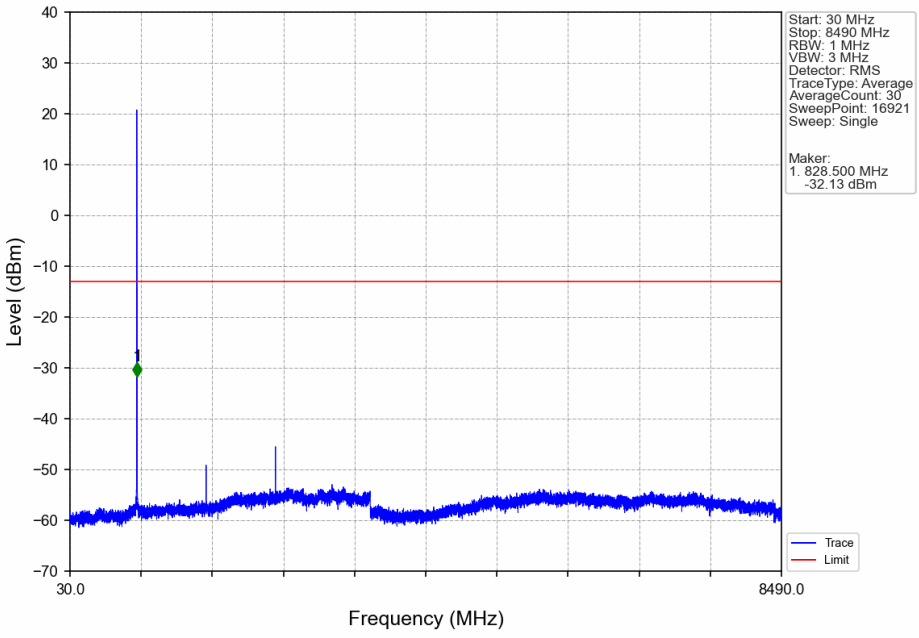
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-35.84	-13	Pass
850	852	0.1	CHP	2	850.055	-37.25	-13	Pass

Band26b_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

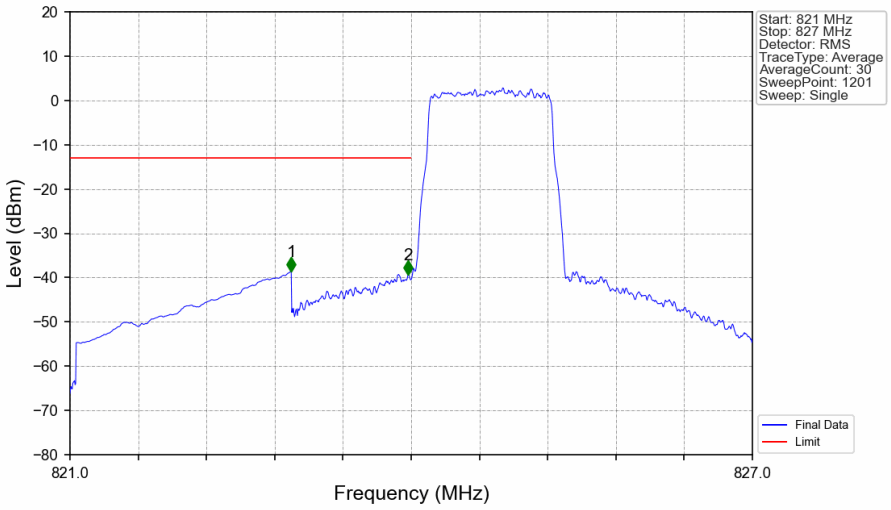


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-50.59	-13	Pass
823	824	0.003	/	2	823.999	-37.31	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band26b_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

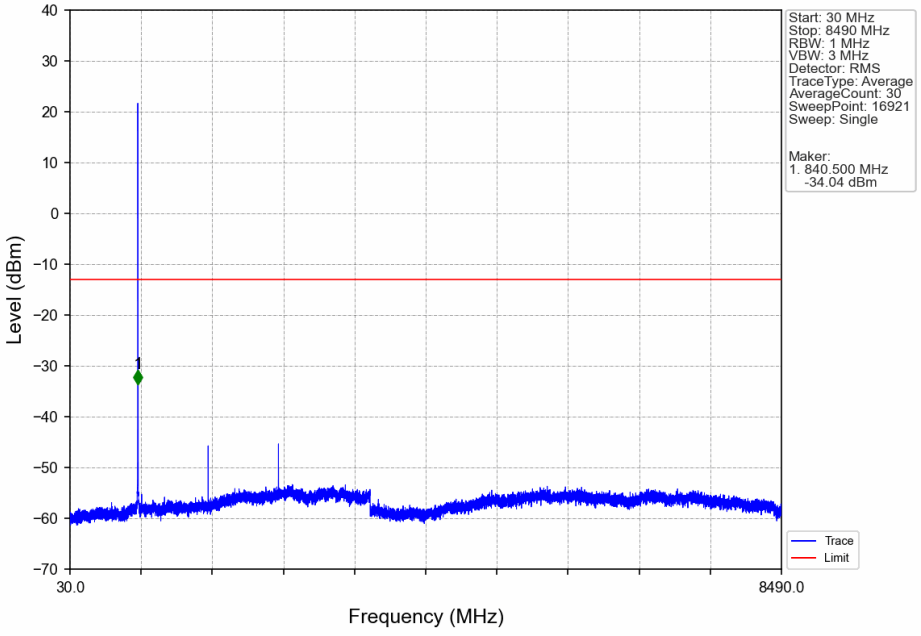


Band26b_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV

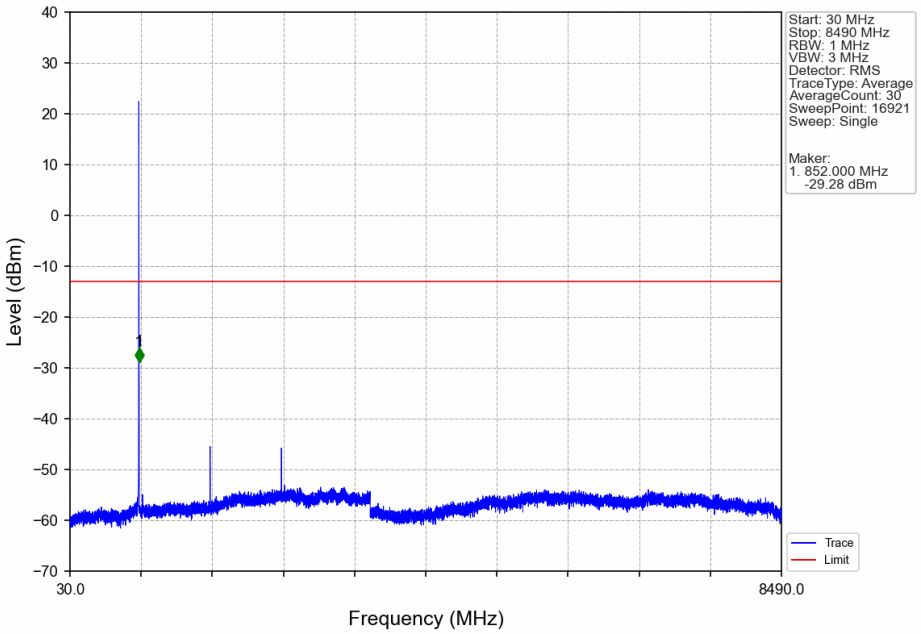


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-38.60	-13	Pass
823	824	0.013	CHP	2	823.975	-39.26	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

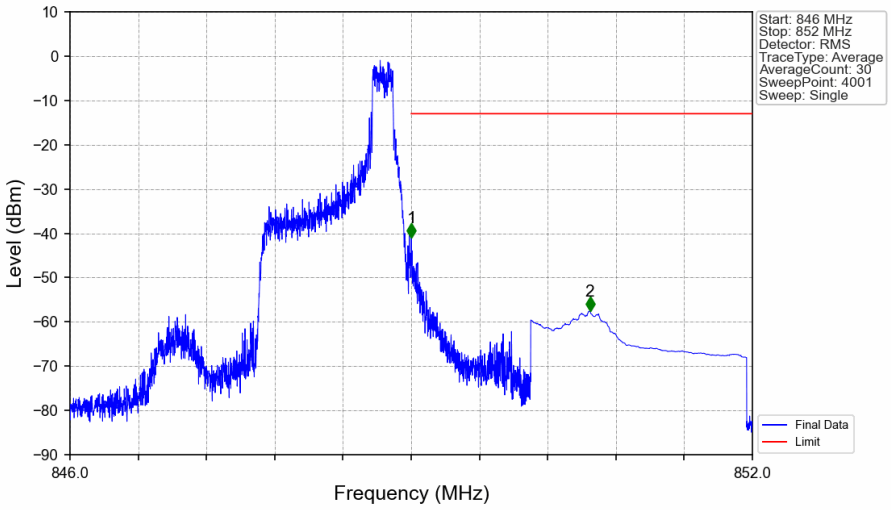
Band26b_1.4MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band26b_1.4MHz_64QAM_HCH_848.3MHz_RB_1_0_NTNV

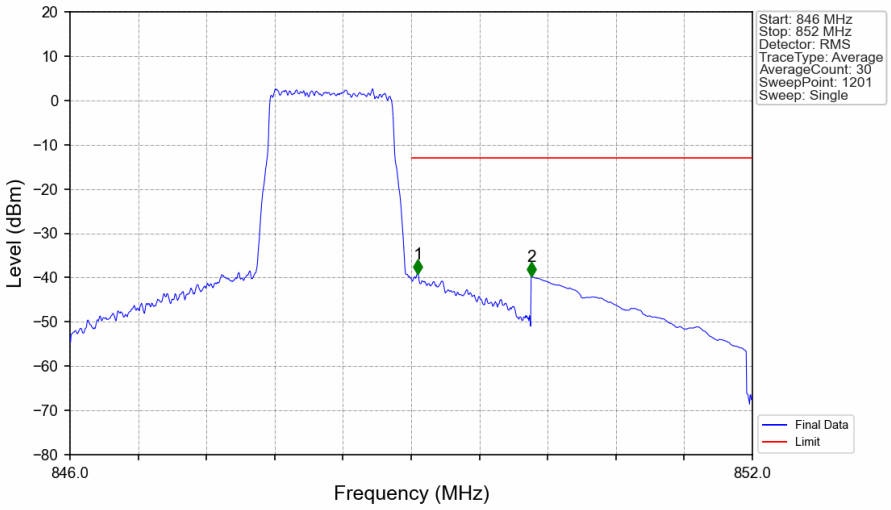


Band26b_1.4MHz_64QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-40.92	-13	Pass
850	852	0.1	CHP	2	850.572	-57.56	-13	Pass

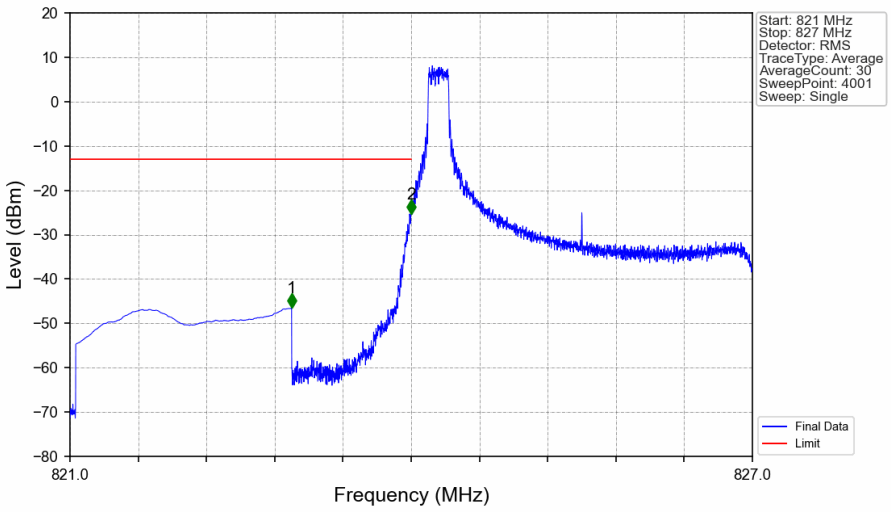
Band26b_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV

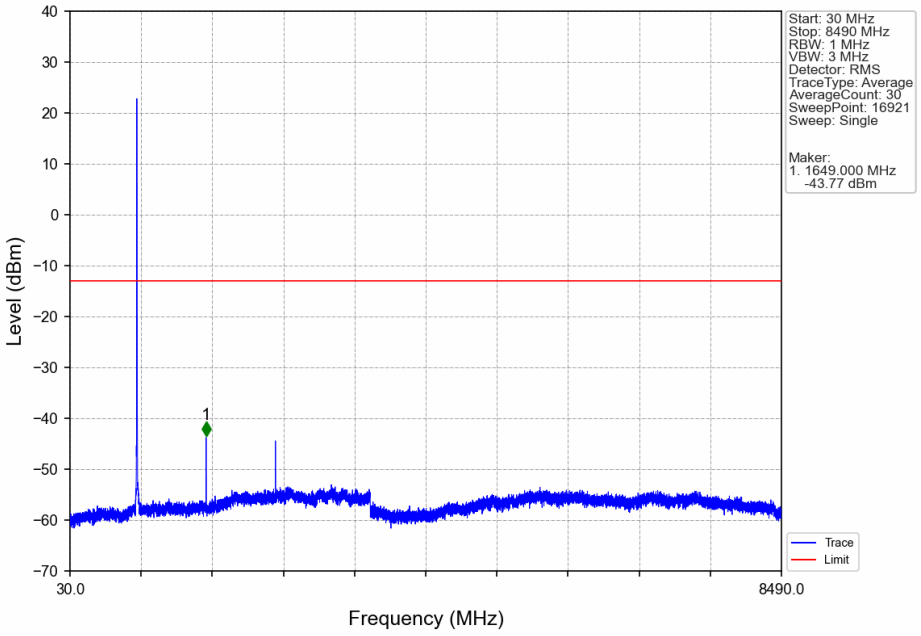


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.060	-39.11	-13	Pass
850	852	0.1	CHP	2	850.055	-39.76	-13	Pass

5.2.2 B26b_3MHz

Band26b_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-46.51	-13	Pass
823	824	0.003	/	2	823.999	-25.29	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band26b_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV