1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	24.09	-4.94	17.00	<=38.45	Pass
			2	24.11	-4.94	17.02	<=38.45	Pass
			5	24.08	-4.94	16.99	<=38.45	Pass
		3	0	24.08	-4.94	16.99	<=38.45	Pass
			2	24.07	-4.94	16.98	<=38.45	Pass
			3	24.06	-4.94	16.97	<=38.45	Pass
		6	0	23.09	-4.94	16.00	<=38.45	Pass
	836.5	1	0	24.03	-4.94	16.94	<=38.45	Pass
			2	24.13	-4.94	17.04	<=38.45	Pass
			5	24.12	-4.94	17.03	<=38.45	Pass
		3	0	24.05	-4.94	16.96	<=38.45	Pass
			2	24.07	-4.94	16.98	<=38.45	Pass
			3	24.09	-4.94	17.00	<=38.45	Pass
		6	0	23.01	-4.94	15.92	<=38.45	Pass
	848.3	1	0	23.95	-4.94	16.86	<=38.45	Pass
			2	23.98	-4.94	16.89	<=38.45	Pass
			5	23.97	-4.94	16.88	<=38.45	Pass
		3	0	23.93	-4.94	16.84	<=38.45	Pass
			2	23.94	-4.94	16.85	<=38.45	Pass
			3	23.94	-4.94	16.85	<=38.45	Pass
		6	0	22.96	-4.94	15.87	<=38.45	Pass
16QAM	824.7	1	0	23.27	-4.94	16.18	<=38.45	Pass
			2	23.25	-4.94	16.16	<=38.45	Pass
			5	23.14	-4.94	16.05	<=38.45	Pass
		3	0	23.19	-4.94	16.10	<=38.45	Pass
			2	23.16	-4.94	16.07	<=38.45	Pass
			3	23.21	-4.94	16.12	<=38.45	Pass
		6	0	22.14	-4.94	15.05	<=38.45	Pass
	836.5	1	0	23.23	-4.94	16.14	<=38.45	Pass
			2	23.27	-4.94	16.18	<=38.45	Pass
			5	23.24	-4.94	16.15	<=38.45	Pass
		3	0	23.12	-4.94	16.03	<=38.45	Pass
			2	23.12	-4.94	16.03	<=38.45	Pass
			3	23.09	-4.94	16.00	<=38.45	Pass
		6	0	22.06	-4.94	14.97	<=38.45	Pass
	848.3	1	0	23.01	-4.94	15.92	<=38.45	Pass
			2	23.08	-4.94	15.99	<=38.45	Pass
			5	23.11	-4.94	16.02	<=38.45	Pass
		3	0	23.06	-4.94	15.97	<=38.45	Pass
			2	22.97	-4.94	15.88	<=38.45	Pass
			3	22.99	-4.94	15.90	<=38.45	Pass
		6	0	22.01	-4.94	14.92	<=38.45	Pass
64QAM	824.7	1	0	22.16	-4.94	15.07	<=38.45	Pass
			2	22.23	-4.94	15.14	<=38.45	Pass
			5	22.24	-4.94	15.15	<=38.45	Pass
		3	0	22.14	-4.94	15.05	<=38.45	Pass
			2	22.17	-4.94	15.08	<=38.45	Pass
			3	22.15	-4.94	15.06	<=38.45	Pass
		6	0	21.10	-4.94	14.01	<=38.45	Pass

	836.5	1	0	22.24	-4.94	15.15	<=38.45	Pass
			2	22.25	-4.94	15.16	<=38.45	Pass
			5	22.27	-4.94	15.18	<=38.45	Pass
		3	0	22.15	-4.94	15.06	<=38.45	Pass
			2	22.13	-4.94	15.04	<=38.45	Pass
			3	22.15	-4.94	15.06	<=38.45	Pass
		6	0	21.05	-4.94	13.96	<=38.45	Pass
	848.3	1	0	22.08	-4.94	14.99	<=38.45	Pass
			2	22.10	-4.94	15.01	<=38.45	Pass
			5	22.08	-4.94	14.99	<=38.45	Pass
		3	0	22.00	-4.94	14.91	<=38.45	Pass
			2	22.08	-4.94	14.99	<=38.45	Pass
			3	22.00	-4.94	14.91	<=38.45	Pass
		6	0	20.99	-4.94	13.90	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.99	-4.94	16.90	<=38.45	Pass
			7	24.09	-4.94	17.00	<=38.45	Pass
			14	23.97	-4.94	16.88	<=38.45	Pass
		8	0	23.05	-4.94	15.96	<=38.45	Pass
			4	23.13	-4.94	16.04	<=38.45	Pass
			7	23.07	-4.94	15.98	<=38.45	Pass
		15	0	23.11	-4.94	16.02	<=38.45	Pass
	836.5	1	0	24.03	-4.94	16.94	<=38.45	Pass
			7	24.08	-4.94	16.99	<=38.45	Pass
			14	24.03	-4.94	16.94	<=38.45	Pass
		8	0	23.08	-4.94	15.99	<=38.45	Pass
			4	23.10	-4.94	16.01	<=38.45	Pass
			7	23.12	-4.94	16.03	<=38.45	Pass
		15	0	23.08	-4.94	15.99	<=38.45	Pass
	847.5	1	0	23.94	-4.94	16.85	<=38.45	Pass
			7	24.00	-4.94	16.91	<=38.45	Pass
			14	23.93	-4.94	16.84	<=38.45	Pass
		8	0	23.04	-4.94	15.95	<=38.45	Pass
			4	23.02	-4.94	15.93	<=38.45	Pass
			7	22.99	-4.94	15.90	<=38.45	Pass
		15	0	23.00	-4.94	15.91	<=38.45	Pass
16QAM	825.5	1	0	23.13	-4.94	16.04	<=38.45	Pass
			7	23.36	-4.94	16.27	<=38.45	Pass
			14	23.24	-4.94	16.15	<=38.45	Pass
		8	0	22.10	-4.94	15.01	<=38.45	Pass
			4	22.16	-4.94	15.07	<=38.45	Pass
			7	22.14	-4.94	15.05	<=38.45	Pass
		15	0	22.13	-4.94	15.04	<=38.45	Pass
	836.5	1	0	23.28	-4.94	16.19	<=38.45	Pass
			7	23.36	-4.94	16.27	<=38.45	Pass
			14	23.13	-4.94	16.04	<=38.45	Pass
		8	0	22.07	-4.94	14.98	<=38.45	Pass
			4	22.12	-4.94	15.03	<=38.45	Pass
			7	22.20	-4.94	15.11	<=38.45	Pass
		15	0	22.10	-4.94	15.01	<=38.45	Pass
	847.5	1	0	23.16	-4.94	16.07	<=38.45	Pass

			7	23.12	-4.94	16.03	<=38.45	Pass
			14	23.07	-4.94	15.98	<=38.45	Pass
		8	0	22.03	-4.94	14.94	<=38.45	Pass
			4	22.08	-4.94	14.99	<=38.45	Pass
			7	22.03	-4.94	14.94	<=38.45	Pass
		15	0	22.05	-4.94	14.96	<=38.45	Pass
64QAM	825.5	1	0	22.28	-4.94	15.19	<=38.45	Pass
			7	22.29	-4.94	15.20	<=38.45	Pass
			14	22.19	-4.94	15.10	<=38.45	Pass
		8	0	21.15	-4.94	14.06	<=38.45	Pass
			4	21.20	-4.94	14.11	<=38.45	Pass
			7	21.16	-4.94	14.07	<=38.45	Pass
		15	0	21.11	-4.94	14.02	<=38.45	Pass
	836.5	1	0	22.16	-4.94	15.07	<=38.45	Pass
			7	22.42	-4.94	15.33	<=38.45	Pass
			14	22.26	-4.94	15.17	<=38.45	Pass
		8	0	21.14	-4.94	14.05	<=38.45	Pass
			4	21.05	-4.94	13.96	<=38.45	Pass
			7	21.17	-4.94	14.08	<=38.45	Pass
		15	0	21.08	-4.94	13.99	<=38.45	Pass
	847.5	1	0	22.20	-4.94	15.11	<=38.45	Pass
			7	22.33	-4.94	15.24	<=38.45	Pass
			14	22.08	-4.94	14.99	<=38.45	Pass
		8	0	21.04	-4.94	13.95	<=38.45	Pass
			4	21.03	-4.94	13.94	<=38.45	Pass
			7	21.04	-4.94	13.95	<=38.45	Pass
		15	0	21.01	-4.94	13.92	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	24.06	-4.94	16.97	<=38.45	Pass
			13	24.19	-4.94	17.10	<=38.45	Pass
			24	24.09	-4.94	17.00	<=38.45	Pass
		12	0	23.04	-4.94	15.95	<=38.45	Pass
			6	23.16	-4.94	16.07	<=38.45	Pass
			13	23.09	-4.94	16.00	<=38.45	Pass
		25	0	23.11	-4.94	16.02	<=38.45	Pass
	836.5	1	0	24.09	-4.94	17.00	<=38.45	Pass
			13	24.17	-4.94	17.08	<=38.45	Pass
			24	24.11	-4.94	17.02	<=38.45	Pass
		12	0	23.08	-4.94	15.99	<=38.45	Pass
			6	23.14	-4.94	16.05	<=38.45	Pass
			13	23.14	-4.94	16.05	<=38.45	Pass
		25	0	23.08	-4.94	15.99	<=38.45	Pass
	846.5	1	0	24.03	-4.94	16.94	<=38.45	Pass
			13	24.10	-4.94	17.01	<=38.45	Pass
			24	23.97	-4.94	16.88	<=38.45	Pass
		12	0	23.09	-4.94	16.00	<=38.45	Pass
			6	23.08	-4.94	15.99	<=38.45	Pass
			13	23.05	-4.94	15.96	<=38.45	Pass
		25	0	23.03	-4.94	15.94	<=38.45	Pass
16QAM	826.5	1	0	23.18	-4.94	16.09	<=38.45	Pass
			13	23.36	-4.94	16.27	<=38.45	Pass

			24	23.06	-4.94	15.97	<=38.45	Pass
		12	0	22.07	-4.94	14.98	<=38.45	Pass
			6	22.16	-4.94	15.07	<=38.45	Pass
			13	22.06	-4.94	14.97	<=38.45	Pass
		25	0	22.11	-4.94	15.02	<=38.45	Pass
	836.5	1	0	23.23	-4.94	16.14	<=38.45	Pass
			13	23.32	-4.94	16.23	<=38.45	Pass
			24	23.17	-4.94	16.08	<=38.45	Pass
		12	0	22.12	-4.94	15.03	<=38.45	Pass
			6	22.13	-4.94	15.04	<=38.45	Pass
			13	22.16	-4.94	15.07	<=38.45	Pass
		25	0	22.10	-4.94	15.01	<=38.45	Pass
	846.5	1	0	23.21	-4.94	16.12	<=38.45	Pass
			13	23.19	-4.94	16.10	<=38.45	Pass
			24	23.20	-4.94	16.11	<=38.45	Pass
		12	0	22.10	-4.94	15.01	<=38.45	Pass
			6	22.08	-4.94	14.99	<=38.45	Pass
			13	22.07	-4.94	14.98	<=38.45	Pass
		25	0	22.08	-4.94	14.99	<=38.45	Pass
64QAM	826.5	1	0	22.27	-4.94	15.18	<=38.45	Pass
			13	22.30	-4.94	15.21	<=38.45	Pass
			24	22.19	-4.94	15.10	<=38.45	Pass
		12	0	21.06	-4.94	13.97	<=38.45	Pass
			6	21.14	-4.94	14.05	<=38.45	Pass
			13	21.09	-4.94	14.00	<=38.45	Pass
		25	0	21.11	-4.94	14.02	<=38.45	Pass
	836.5	1	0	22.21	-4.94	15.12	<=38.45	Pass
			13	22.33	-4.94	15.24	<=38.45	Pass
			24	22.21	-4.94	15.12	<=38.45	Pass
		12	0	21.11	-4.94	14.02	<=38.45	Pass
			6	21.14	-4.94	14.05	<=38.45	Pass
			13	21.20	-4.94	14.11	<=38.45	Pass
		25	0	21.09	-4.94	14.00	<=38.45	Pass
	846.5	1	0	22.14	-4.94	15.05	<=38.45	Pass
			13	22.16	-4.94	15.07	<=38.45	Pass
			24	22.00	-4.94	14.91	<=38.45	Pass
		12	0	21.08	-4.94	13.99	<=38.45	Pass
			6	21.10	-4.94	14.01	<=38.45	Pass
			13	21.04	-4.94	13.95	<=38.45	Pass
		25	0	21.04	-4.94	13.95	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.02	-4.94	16.93	<=38.45	Pass
			25	24.06	-4.94	16.97	<=38.45	Pass
			49	23.97	-4.94	16.88	<=38.45	Pass
		25	0	23.03	-4.94	15.94	<=38.45	Pass
			13	23.09	-4.94	16.00	<=38.45	Pass
			25	23.02	-4.94	15.93	<=38.45	Pass
		50	0	23.07	-4.94	15.98	<=38.45	Pass
	836.5	1	0	24.05	-4.94	16.96	<=38.45	Pass
			25	24.10	-4.94	17.01	<=38.45	Pass
			49	23.95	-4.94	16.86	<=38.45	Pass

		25	0	23.06	-4.94	15.97	<=38.45	Pass
			13	23.05	-4.94	15.96	<=38.45	Pass
			25	23.07	-4.94	15.98	<=38.45	Pass
		50	0	23.06	-4.94	15.97	<=38.45	Pass
	844	1	0	24.06	-4.94	16.97	<=38.45	Pass
			25	24.02	-4.94	16.93	<=38.45	Pass
			49	23.92	-4.94	16.83	<=38.45	Pass
		25	0	23.00	-4.94	15.91	<=38.45	Pass
			13	22.99	-4.94	15.90	<=38.45	Pass
			25	23.03	-4.94	15.94	<=38.45	Pass
		50	0	22.94	-4.94	15.85	<=38.45	Pass
16QAM	829	1	0	23.20	-4.94	16.11	<=38.45	Pass
			25	23.18	-4.94	16.09	<=38.45	Pass
			49	23.06	-4.94	15.97	<=38.45	Pass
		25	0	22.06	-4.94	14.97	<=38.45	Pass
			13	22.11	-4.94	15.02	<=38.45	Pass
			25	22.07	-4.94	14.98	<=38.45	Pass
		50	0	22.09	-4.94	15.00	<=38.45	Pass
	836.5	1	0	23.23	-4.94	16.14	<=38.45	Pass
			25	23.26	-4.94	16.17	<=38.45	Pass
			49	23.14	-4.94	16.05	<=38.45	Pass
		25	0	22.05	-4.94	14.96	<=38.45	Pass
			13	22.06	-4.94	14.97	<=38.45	Pass
			25	22.10	-4.94	15.01	<=38.45	Pass
		50	0	22.03	-4.94	14.94	<=38.45	Pass
	844	1	0	23.14	-4.94	16.05	<=38.45	Pass
			25	23.18	-4.94	16.09	<=38.45	Pass
			49	22.99	-4.94	15.90	<=38.45	Pass
		25	0	22.06	-4.94	14.97	<=38.45	Pass
			13	22.01	-4.94	14.92	<=38.45	Pass
			25	22.00	-4.94	14.91	<=38.45	Pass
		50	0	21.99	-4.94	14.90	<=38.45	Pass
64QAM	829	1	0	22.20	-4.94	15.11	<=38.45	Pass
			25	22.18	-4.94	15.09	<=38.45	Pass
			49	22.15	-4.94	15.06	<=38.45	Pass
		25	0	21.06	-4.94	13.97	<=38.45	Pass
			13	21.09	-4.94	14.00	<=38.45	Pass
			25	21.04	-4.94	13.95	<=38.45	Pass
		50	0	21.07	-4.94	13.98	<=38.45	Pass
	836.5	1	0	22.09	-4.94	15.00	<=38.45	Pass
			25	22.28	-4.94	15.19	<=38.45	Pass
			49	22.11	-4.94	15.02	<=38.45	Pass
		25	0	21.07	-4.94	13.98	<=38.45	Pass
			13	21.06	-4.94	13.97	<=38.45	Pass
			25	21.09	-4.94	14.00	<=38.45	Pass
		50	0	21.01	-4.94	13.92	<=38.45	Pass
	844	1	0	22.26	-4.94	15.17	<=38.45	Pass
			25	22.26	-4.94	15.17	<=38.45	Pass
			49	22.18	-4.94	15.09	<=38.45	Pass
		25	0	21.01	-4.94	13.92	<=38.45	Pass
			13	20.99	-4.94	13.90	<=38.45	Pass
			25	20.98	-4.94	13.89	<=38.45	Pass
		50	0	20.99	-4.94	13.90	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.6	-10.788	-0.0131	-2.5 to 2.5	Pass
					3.92	-5.878	-0.0071	-2.5 to 2.5	Pass
					4.53	-1.343	-0.0016	-2.5 to 2.5	Pass
				-30	3.92	-0.970	-0.0012	-2.5 to 2.5	Pass
				-20	3.92	-1.060	-0.0013	-2.5 to 2.5	Pass
				-10	3.92	0.743	0.0009	-2.5 to 2.5	Pass
				0	3.92	1.313	0.0016	-2.5 to 2.5	Pass
				10	3.92	0.020	0.0000	-2.5 to 2.5	Pass
				30	3.92	0.010	0.0000	-2.5 to 2.5	Pass
				40	3.92	-0.333	-0.0004	-2.5 to 2.5	Pass
				50	3.92	0.782	0.0009	-2.5 to 2.5	Pass
	836.5	6	0	20	3.6	-11.979	-0.0143	-2.5 to 2.5	Pass
					3.92	-17.956	-0.0215	-2.5 to 2.5	Pass
					4.53	-19.091	-0.0228	-2.5 to 2.5	Pass
				-30	3.92	-13.200	-0.0158	-2.5 to 2.5	Pass
				-20	3.92	-7.146	-0.0085	-2.5 to 2.5	Pass
				-10	3.92	-5.382	-0.0064	-2.5 to 2.5	Pass
				0	3.92	-2.275	-0.0027	-2.5 to 2.5	Pass
				10	3.92	0.778	0.0009	-2.5 to 2.5	Pass
				30	3.92	0.198	0.0002	-2.5 to 2.5	Pass
				40	3.92	0.297	0.0004	-2.5 to 2.5	Pass
				50	3.92	0.416	0.0005	-2.5 to 2.5	Pass
	848.3	6	0	20	3.6	-6.959	-0.0082	-2.5 to 2.5	Pass
					3.92	-5.937	-0.0070	-2.5 to 2.5	Pass
					4.53	-11.709	-0.0138	-2.5 to 2.5	Pass
				-30	3.92	-22.325	-0.0263	-2.5 to 2.5	Pass
				-20	3.92	-19.222	-0.0227	-2.5 to 2.5	Pass
				-10	3.92	-9.430	-0.0111	-2.5 to 2.5	Pass
				0	3.92	-5.012	-0.0059	-2.5 to 2.5	Pass
				10	3.92	-2.678	-0.0032	-2.5 to 2.5	Pass
				30	3.92	-0.788	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-0.338	-0.0004	-2.5 to 2.5	Pass
				50	3.92	-0.034	0.0000	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.6	0.767	0.0009	-2.5 to 2.5	Pass
					3.92	0.757	0.0009	-2.5 to 2.5	Pass
					4.53	-0.136	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	0.818	0.0010	-2.5 to 2.5	Pass
				-20	3.92	0.739	0.0009	-2.5 to 2.5	Pass
				-10	3.92	-0.739	-0.0009	-2.5 to 2.5	Pass
				0	3.92	0.763	0.0009	-2.5 to 2.5	Pass
				10	3.92	0.306	0.0004	-2.5 to 2.5	Pass
				30	3.92	-0.995	-0.0012	-2.5 to 2.5	Pass
				40	3.92	0.529	0.0006	-2.5 to 2.5	Pass
				50	3.92	1.528	0.0019	-2.5 to 2.5	Pass
	836.5	6	0	20	3.6	-0.390	-0.0005	-2.5 to 2.5	Pass
					3.92	0.719	0.0009	-2.5 to 2.5	Pass
					4.53	0.529	0.0006	-2.5 to 2.5	Pass
				-30	3.92	0.912	0.0011	-2.5 to 2.5	Pass
				-20	3.92	-0.118	-0.0001	-2.5 to 2.5	Pass

				-10	3.92	2.258	0.0027	-2.5 to 2.5	Pass
				0	3.92	2.079	0.0025	-2.5 to 2.5	Pass
				10	3.92	0.217	0.0003	-2.5 to 2.5	Pass
				30	3.92	1.498	0.0018	-2.5 to 2.5	Pass
				40	3.92	0.753	0.0009	-2.5 to 2.5	Pass
				50	3.92	-1.147	-0.0014	-2.5 to 2.5	Pass
	848.3	6	0	20	3.6	0.183	0.0002	-2.5 to 2.5	Pass
					3.92	-0.173	-0.0002	-2.5 to 2.5	Pass
					4.53	1.290	0.0015	-2.5 to 2.5	Pass
				-30	3.92	1.158	0.0014	-2.5 to 2.5	Pass
				-20	3.92	-0.130	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	0.854	0.0010	-2.5 to 2.5	Pass
				0	3.92	1.540	0.0018	-2.5 to 2.5	Pass
				10	3.92	0.965	0.0011	-2.5 to 2.5	Pass
				30	3.92	0.006	0.0000	-2.5 to 2.5	Pass
				40	3.92	1.331	0.0016	-2.5 to 2.5	Pass
				50	3.92	2.358	0.0028	-2.5 to 2.5	Pass
64QAM	824.7	6	0	20	3.6	0.452	0.0005	-2.5 to 2.5	Pass
					3.92	0.150	0.0002	-2.5 to 2.5	Pass
					4.53	-0.686	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	1.319	0.0016	-2.5 to 2.5	Pass
				-20	3.92	1.542	0.0019	-2.5 to 2.5	Pass
				-10	3.92	-0.059	-0.0001	-2.5 to 2.5	Pass
				0	3.92	-0.516	-0.0006	-2.5 to 2.5	Pass
				10	3.92	1.462	0.0018	-2.5 to 2.5	Pass
				30	3.92	1.362	0.0017	-2.5 to 2.5	Pass
				40	3.92	-0.787	-0.0010	-2.5 to 2.5	Pass
				50	3.92	1.729	0.0021	-2.5 to 2.5	Pass
	836.5	6	0	20	3.6	-0.422	-0.0005	-2.5 to 2.5	Pass
					3.92	0.709	0.0008	-2.5 to 2.5	Pass
					4.53	1.229	0.0015	-2.5 to 2.5	Pass
				-30	3.92	-0.511	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	-0.456	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	0.933	0.0011	-2.5 to 2.5	Pass
				0	3.92	-0.468	-0.0006	-2.5 to 2.5	Pass
				10	3.92	0.685	0.0008	-2.5 to 2.5	Pass
				30	3.92	0.980	0.0012	-2.5 to 2.5	Pass
				40	3.92	0.152	0.0002	-2.5 to 2.5	Pass
				50	3.92	1.761	0.0021	-2.5 to 2.5	Pass
	848.3	6	0	20	3.6	1.703	0.0020	-2.5 to 2.5	Pass
					3.92	1.491	0.0018	-2.5 to 2.5	Pass
					4.53	0.566	0.0007	-2.5 to 2.5	Pass
				-30	3.92	0.522	0.0006	-2.5 to 2.5	Pass
				-20	3.92	-0.031	0.0000	-2.5 to 2.5	Pass
				-10	3.92	0.025	0.0000	-2.5 to 2.5	Pass
				0	3.92	0.239	0.0003	-2.5 to 2.5	Pass
				10	3.92	-0.014	0.0000	-2.5 to 2.5	Pass
				30	3.92	0.028	0.0000	-2.5 to 2.5	Pass
				40	3.92	0.184	0.0002	-2.5 to 2.5	Pass
				50	3.92	0.478	0.0006	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.6	0.666	0.0008	-2.5 to 2.5	Pass

					3.92	-0.006	0.0000	-2.5 to 2.5	Pass
					4.53	0.489	0.0006	-2.5 to 2.5	Pass
				-30	3.92	0.263	0.0003	-2.5 to 2.5	Pass
				-20	3.92	0.392	0.0005	-2.5 to 2.5	Pass
				-10	3.92	0.841	0.0010	-2.5 to 2.5	Pass
				0	3.92	0.346	0.0004	-2.5 to 2.5	Pass
				10	3.92	1.095	0.0013	-2.5 to 2.5	Pass
				30	3.92	1.084	0.0013	-2.5 to 2.5	Pass
				40	3.92	1.811	0.0022	-2.5 to 2.5	Pass
				50	3.92	1.147	0.0014	-2.5 to 2.5	Pass
	836.5	15	0	20	3.6	-0.341	-0.0004	-2.5 to 2.5	Pass
					3.92	0.154	0.0002	-2.5 to 2.5	Pass
					4.53	-0.534	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	-0.658	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-1.160	-0.0014	-2.5 to 2.5	Pass
				-10	3.92	-0.854	-0.0010	-2.5 to 2.5	Pass
				0	3.92	-1.178	-0.0014	-2.5 to 2.5	Pass
				10	3.92	-0.526	-0.0006	-2.5 to 2.5	Pass
				30	3.92	-0.700	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-1.879	-0.0022	-2.5 to 2.5	Pass
				50	3.92	-1.467	-0.0018	-2.5 to 2.5	Pass
	847.5	15	0	20	3.6	0.884	0.0010	-2.5 to 2.5	Pass
					3.92	0.433	0.0005	-2.5 to 2.5	Pass
					4.53	0.363	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-0.705	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	0.791	0.0009	-2.5 to 2.5	Pass
				-10	3.92	3.193	0.0038	-2.5 to 2.5	Pass
				0	3.92	0.618	0.0007	-2.5 to 2.5	Pass
				10	3.92	1.746	0.0021	-2.5 to 2.5	Pass
				30	3.92	0.547	0.0006	-2.5 to 2.5	Pass
				40	3.92	0.767	0.0009	-2.5 to 2.5	Pass
				50	3.92	1.021	0.0012	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.6	1.067	0.0013	-2.5 to 2.5	Pass
					3.92	1.597	0.0019	-2.5 to 2.5	Pass
					4.53	1.692	0.0020	-2.5 to 2.5	Pass
				-30	3.92	1.643	0.0020	-2.5 to 2.5	Pass
				-20	3.92	0.233	0.0003	-2.5 to 2.5	Pass
				-10	3.92	-0.343	-0.0004	-2.5 to 2.5	Pass
				0	3.92	1.209	0.0015	-2.5 to 2.5	Pass
				10	3.92	0.421	0.0005	-2.5 to 2.5	Pass
				30	3.92	-0.461	-0.0006	-2.5 to 2.5	Pass
				40	3.92	0.359	0.0004	-2.5 to 2.5	Pass
				50	3.92	-1.373	-0.0017	-2.5 to 2.5	Pass
	836.5	15	0	20	3.6	0.230	0.0003	-2.5 to 2.5	Pass
					3.92	-0.449	-0.0005	-2.5 to 2.5	Pass
					4.53	-0.285	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-1.126	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-0.306	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	-0.260	-0.0003	-2.5 to 2.5	Pass
				0	3.92	0.825	0.0010	-2.5 to 2.5	Pass
				10	3.92	-0.112	-0.0001	-2.5 to 2.5	Pass
				30	3.92	0.658	0.0008	-2.5 to 2.5	Pass
				40	3.92	-0.096	-0.0001	-2.5 to 2.5	Pass
				50	3.92	1.301	0.0016	-2.5 to 2.5	Pass
	847.5	15	0	20	3.6	1.372	0.0016	-2.5 to 2.5	Pass
					3.92	0.586	0.0007	-2.5 to 2.5	Pass
					4.53	0.107	0.0001	-2.5 to 2.5	Pass
				-30	3.92	1.871	0.0022	-2.5 to 2.5	Pass
				-20	3.92	0.557	0.0007	-2.5 to 2.5	Pass

				-10	3.92	2.166	0.0026	-2.5 to 2.5	Pass
				0	3.92	1.572	0.0019	-2.5 to 2.5	Pass
				10	3.92	2.157	0.0025	-2.5 to 2.5	Pass
				30	3.92	1.528	0.0018	-2.5 to 2.5	Pass
				40	3.92	1.595	0.0019	-2.5 to 2.5	Pass
				50	3.92	0.730	0.0009	-2.5 to 2.5	Pass
64QAM	825.5	15	0	20	3.6	-0.882	-0.0011	-2.5 to 2.5	Pass
					3.92	-0.667	-0.0008	-2.5 to 2.5	Pass
					4.53	0.947	0.0011	-2.5 to 2.5	Pass
				-30	3.92	-0.511	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	0.702	0.0009	-2.5 to 2.5	Pass
				-10	3.92	0.346	0.0004	-2.5 to 2.5	Pass
				0	3.92	1.281	0.0016	-2.5 to 2.5	Pass
				10	3.92	-0.706	-0.0009	-2.5 to 2.5	Pass
				30	3.92	2.036	0.0025	-2.5 to 2.5	Pass
				40	3.92	1.365	0.0017	-2.5 to 2.5	Pass
				50	3.92	1.674	0.0020	-2.5 to 2.5	Pass
	836.5	15	0	20	3.6	1.343	0.0016	-2.5 to 2.5	Pass
					3.92	0.548	0.0007	-2.5 to 2.5	Pass
					4.53	0.803	0.0010	-2.5 to 2.5	Pass
				-30	3.92	0.232	0.0003	-2.5 to 2.5	Pass
				-20	3.92	0.463	0.0006	-2.5 to 2.5	Pass
				-10	3.92	0.194	0.0002	-2.5 to 2.5	Pass
				0	3.92	1.334	0.0016	-2.5 to 2.5	Pass
				10	3.92	0.163	0.0002	-2.5 to 2.5	Pass
				30	3.92	-0.067	-0.0001	-2.5 to 2.5	Pass
				40	3.92	-1.039	-0.0012	-2.5 to 2.5	Pass
				50	3.92	1.006	0.0012	-2.5 to 2.5	Pass
	847.5	15	0	20	3.6	1.361	0.0016	-2.5 to 2.5	Pass
					3.92	1.440	0.0017	-2.5 to 2.5	Pass
					4.53	1.826	0.0022	-2.5 to 2.5	Pass
				-30	3.92	2.655	0.0031	-2.5 to 2.5	Pass
				-20	3.92	1.095	0.0013	-2.5 to 2.5	Pass
				-10	3.92	1.009	0.0012	-2.5 to 2.5	Pass
				0	3.92	0.985	0.0012	-2.5 to 2.5	Pass
				10	3.92	1.985	0.0023	-2.5 to 2.5	Pass
				30	3.92	2.543	0.0030	-2.5 to 2.5	Pass
				40	3.92	1.082	0.0013	-2.5 to 2.5	Pass
				50	3.92	1.835	0.0022	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.6	-0.705	-0.0009	-2.5 to 2.5	Pass
					3.92	-0.918	-0.0011	-2.5 to 2.5	Pass
					4.53	-1.732	-0.0021	-2.5 to 2.5	Pass
				-30	3.92	-1.300	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	0.188	0.0002	-2.5 to 2.5	Pass
				-10	3.92	0.795	0.0010	-2.5 to 2.5	Pass
				0	3.92	-0.581	-0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.126	-0.0014	-2.5 to 2.5	Pass
				30	3.92	-1.093	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-0.550	-0.0007	-2.5 to 2.5	Pass
				50	3.92	0.269	0.0003	-2.5 to 2.5	Pass
	836.5	25	0	20	3.6	0.433	0.0005	-2.5 to 2.5	Pass

					3.92	2.823	0.0034	-2.5 to 2.5	Pass
					4.53	2.026	0.0024	-2.5 to 2.5	Pass
				-30	3.92	1.593	0.0019	-2.5 to 2.5	Pass
				-20	3.92	3.139	0.0038	-2.5 to 2.5	Pass
				-10	3.92	0.964	0.0012	-2.5 to 2.5	Pass
				0	3.92	1.835	0.0022	-2.5 to 2.5	Pass
				10	3.92	0.377	0.0005	-2.5 to 2.5	Pass
				30	3.92	0.055	0.0001	-2.5 to 2.5	Pass
				40	3.92	1.045	0.0012	-2.5 to 2.5	Pass
				50	3.92	0.074	0.0001	-2.5 to 2.5	Pass
	846.5	25	0	20	3.6	1.336	0.0016	-2.5 to 2.5	Pass
					3.92	1.165	0.0014	-2.5 to 2.5	Pass
					4.53	2.668	0.0032	-2.5 to 2.5	Pass
				-30	3.92	1.604	0.0019	-2.5 to 2.5	Pass
				-20	3.92	1.906	0.0023	-2.5 to 2.5	Pass
				-10	3.92	1.233	0.0015	-2.5 to 2.5	Pass
				0	3.92	1.993	0.0024	-2.5 to 2.5	Pass
				10	3.92	0.917	0.0011	-2.5 to 2.5	Pass
				30	3.92	1.519	0.0018	-2.5 to 2.5	Pass
				40	3.92	1.179	0.0014	-2.5 to 2.5	Pass
				50	3.92	2.444	0.0029	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.6	0.799	0.0010	-2.5 to 2.5	Pass
					3.92	1.551	0.0019	-2.5 to 2.5	Pass
					4.53	0.111	0.0001	-2.5 to 2.5	Pass
				-30	3.92	0.435	0.0005	-2.5 to 2.5	Pass
				-20	3.92	-0.458	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	0.445	0.0005	-2.5 to 2.5	Pass
				0	3.92	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	3.92	1.487	0.0018	-2.5 to 2.5	Pass
				30	3.92	0.206	0.0002	-2.5 to 2.5	Pass
				40	3.92	-0.172	-0.0002	-2.5 to 2.5	Pass
				50	3.92	0.268	0.0003	-2.5 to 2.5	Pass
	836.5	25	0	20	3.6	1.744	0.0021	-2.5 to 2.5	Pass
					3.92	0.411	0.0005	-2.5 to 2.5	Pass
					4.53	0.753	0.0009	-2.5 to 2.5	Pass
				-30	3.92	0.540	0.0006	-2.5 to 2.5	Pass
				-20	3.92	0.056	0.0001	-2.5 to 2.5	Pass
				-10	3.92	0.327	0.0004	-2.5 to 2.5	Pass
				0	3.92	0.767	0.0009	-2.5 to 2.5	Pass
				10	3.92	1.203	0.0014	-2.5 to 2.5	Pass
				30	3.92	-0.217	-0.0003	-2.5 to 2.5	Pass
				40	3.92	-0.325	-0.0004	-2.5 to 2.5	Pass
				50	3.92	-0.432	-0.0005	-2.5 to 2.5	Pass
	846.5	25	0	20	3.6	2.809	0.0033	-2.5 to 2.5	Pass
					3.92	2.922	0.0035	-2.5 to 2.5	Pass
					4.53	1.892	0.0022	-2.5 to 2.5	Pass
				-30	3.92	0.459	0.0005	-2.5 to 2.5	Pass
				-20	3.92	0.272	0.0003	-2.5 to 2.5	Pass
				-10	3.92	1.133	0.0013	-2.5 to 2.5	Pass
				0	3.92	0.496	0.0006	-2.5 to 2.5	Pass
				10	3.92	1.536	0.0018	-2.5 to 2.5	Pass
				30	3.92	0.764	0.0009	-2.5 to 2.5	Pass
				40	3.92	0.448	0.0005	-2.5 to 2.5	Pass
				50	3.92	2.068	0.0024	-2.5 to 2.5	Pass
64QAM	826.5	25	0	20	3.6	-0.040	0.0000	-2.5 to 2.5	Pass
					3.92	1.108	0.0013	-2.5 to 2.5	Pass
					4.53	2.016	0.0024	-2.5 to 2.5	Pass
				-30	3.92	1.745	0.0021	-2.5 to 2.5	Pass
				-20	3.92	0.348	0.0004	-2.5 to 2.5	Pass

				-10	3.92	0.886	0.0011	-2.5 to 2.5	Pass
				0	3.92	0.867	0.0010	-2.5 to 2.5	Pass
				10	3.92	-0.207	-0.0003	-2.5 to 2.5	Pass
				30	3.92	0.285	0.0003	-2.5 to 2.5	Pass
				40	3.92	1.195	0.0014	-2.5 to 2.5	Pass
				50	3.92	1.013	0.0012	-2.5 to 2.5	Pass
	836.5	25	0	20	3.6	-0.288	-0.0003	-2.5 to 2.5	Pass
					3.92	0.477	0.0006	-2.5 to 2.5	Pass
					4.53	-0.552	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	1.203	0.0014	-2.5 to 2.5	Pass
				-20	3.92	-0.120	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	0.155	0.0002	-2.5 to 2.5	Pass
				0	3.92	0.678	0.0008	-2.5 to 2.5	Pass
				10	3.92	1.459	0.0017	-2.5 to 2.5	Pass
				30	3.92	0.084	0.0001	-2.5 to 2.5	Pass
				40	3.92	0.307	0.0004	-2.5 to 2.5	Pass
				50	3.92	1.596	0.0019	-2.5 to 2.5	Pass
	846.5	25	0	20	3.6	1.955	0.0023	-2.5 to 2.5	Pass
					3.92	0.995	0.0012	-2.5 to 2.5	Pass
					4.53	-0.854	-0.0010	-2.5 to 2.5	Pass
				-30	3.92	1.099	0.0013	-2.5 to 2.5	Pass
				-20	3.92	1.740	0.0021	-2.5 to 2.5	Pass
				-10	3.92	1.494	0.0018	-2.5 to 2.5	Pass
				0	3.92	1.565	0.0018	-2.5 to 2.5	Pass
				10	3.92	0.072	0.0001	-2.5 to 2.5	Pass
				30	3.92	0.666	0.0008	-2.5 to 2.5	Pass
				40	3.92	0.670	0.0008	-2.5 to 2.5	Pass
				50	3.92	1.262	0.0015	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.6	-0.275	-0.0003	-2.5 to 2.5	Pass
					3.92	1.517	0.0018	-2.5 to 2.5	Pass
					4.53	0.762	0.0009	-2.5 to 2.5	Pass
				-30	3.92	-0.345	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.692	-0.0008	-2.5 to 2.5	Pass
				-10	3.92	0.830	0.0010	-2.5 to 2.5	Pass
				0	3.92	1.095	0.0013	-2.5 to 2.5	Pass
				10	3.92	0.647	0.0008	-2.5 to 2.5	Pass
				30	3.92	-0.887	-0.0011	-2.5 to 2.5	Pass
				40	3.92	-0.187	-0.0002	-2.5 to 2.5	Pass
				50	3.92	1.307	0.0016	-2.5 to 2.5	Pass
	836.5	50	0	20	3.6	0.811	0.0010	-2.5 to 2.5	Pass
					3.92	0.368	0.0004	-2.5 to 2.5	Pass
					4.53	0.088	0.0001	-2.5 to 2.5	Pass
				-30	3.92	0.918	0.0011	-2.5 to 2.5	Pass
				-20	3.92	1.475	0.0018	-2.5 to 2.5	Pass
				-10	3.92	0.252	0.0003	-2.5 to 2.5	Pass
				0	3.92	0.353	0.0004	-2.5 to 2.5	Pass
				10	3.92	-0.637	-0.0008	-2.5 to 2.5	Pass
				30	3.92	-0.861	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-0.373	-0.0004	-2.5 to 2.5	Pass
				50	3.92	-1.089	-0.0013	-2.5 to 2.5	Pass
	844	50	0	20	3.6	0.235	0.0003	-2.5 to 2.5	Pass

					3.92	-0.204	-0.0002	-2.5 to 2.5	Pass
					4.53	-1.230	-0.0015	-2.5 to 2.5	Pass
				-30	3.92	-0.767	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	-0.487	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	-0.847	-0.0010	-2.5 to 2.5	Pass
				0	3.92	-0.492	-0.0006	-2.5 to 2.5	Pass
				10	3.92	-0.915	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-1.023	-0.0012	-2.5 to 2.5	Pass
				40	3.92	-1.363	-0.0016	-2.5 to 2.5	Pass
				50	3.92	0.336	0.0004	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.6	1.547	0.0019	-2.5 to 2.5	Pass
					3.92	1.417	0.0017	-2.5 to 2.5	Pass
					4.53	-0.150	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	1.637	0.0020	-2.5 to 2.5	Pass
				-20	3.92	-0.948	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	0.348	0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.152	-0.0002	-2.5 to 2.5	Pass
				10	3.92	0.958	0.0012	-2.5 to 2.5	Pass
				30	3.92	-0.475	-0.0006	-2.5 to 2.5	Pass
				40	3.92	0.635	0.0008	-2.5 to 2.5	Pass
				50	3.92	0.439	0.0005	-2.5 to 2.5	Pass
	836.5	50	0	20	3.6	-0.076	-0.0001	-2.5 to 2.5	Pass
					3.92	-0.843	-0.0010	-2.5 to 2.5	Pass
					4.53	-0.076	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	1.192	0.0014	-2.5 to 2.5	Pass
				-20	3.92	1.002	0.0012	-2.5 to 2.5	Pass
				-10	3.92	-0.738	-0.0009	-2.5 to 2.5	Pass
				0	3.92	0.725	0.0009	-2.5 to 2.5	Pass
				10	3.92	-0.007	0.0000	-2.5 to 2.5	Pass
				30	3.92	0.521	0.0006	-2.5 to 2.5	Pass
				40	3.92	-0.642	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-1.154	-0.0014	-2.5 to 2.5	Pass
	844	50	0	20	3.6	-0.484	-0.0006	-2.5 to 2.5	Pass
					3.92	-0.321	-0.0004	-2.5 to 2.5	Pass
					4.53	-0.040	0.0000	-2.5 to 2.5	Pass
				-30	3.92	0.236	0.0003	-2.5 to 2.5	Pass
				-20	3.92	0.803	0.0010	-2.5 to 2.5	Pass
				-10	3.92	1.107	0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.160	-0.0002	-2.5 to 2.5	Pass
				10	3.92	0.670	0.0008	-2.5 to 2.5	Pass
				30	3.92	0.076	0.0001	-2.5 to 2.5	Pass
				40	3.92	-0.054	-0.0001	-2.5 to 2.5	Pass
				50	3.92	0.002	0.0000	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.6	-0.008	0.0000	-2.5 to 2.5	Pass
					3.92	-0.259	-0.0003	-2.5 to 2.5	Pass
					4.53	-0.384	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.92	0.062	0.0001	-2.5 to 2.5	Pass
				-10	3.92	0.368	0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.311	-0.0004	-2.5 to 2.5	Pass
				10	3.92	1.505	0.0018	-2.5 to 2.5	Pass
				30	3.92	-0.328	-0.0004	-2.5 to 2.5	Pass
				40	3.92	0.676	0.0008	-2.5 to 2.5	Pass
				50	3.92	-0.246	-0.0003	-2.5 to 2.5	Pass
	836.5	50	0	20	3.6	-1.174	-0.0014	-2.5 to 2.5	Pass
					3.92	-0.237	-0.0003	-2.5 to 2.5	Pass
					4.53	-0.255	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-1.144	-0.0014	-2.5 to 2.5	Pass
				-20	3.92	-0.852	-0.0010	-2.5 to 2.5	Pass

				-10	3.92	-0.032	0.0000	-2.5 to 2.5	Pass
				0	3.92	-0.339	-0.0004	-2.5 to 2.5	Pass
				10	3.92	0.408	0.0005	-2.5 to 2.5	Pass
				30	3.92	1.401	0.0017	-2.5 to 2.5	Pass
				40	3.92	0.348	0.0004	-2.5 to 2.5	Pass
				50	3.92	0.008	0.0000	-2.5 to 2.5	Pass
	844	50	0	20	3.6	0.508	0.0006	-2.5 to 2.5	Pass
					3.92	1.005	0.0012	-2.5 to 2.5	Pass
					4.53	-0.339	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	-0.869	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	0.222	0.0003	-2.5 to 2.5	Pass
				-10	3.92	0.172	0.0002	-2.5 to 2.5	Pass
				0	3.92	0.578	0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.035	-0.0012	-2.5 to 2.5	Pass
				30	3.92	-0.328	-0.0004	-2.5 to 2.5	Pass
				40	3.92	1.401	0.0017	-2.5 to 2.5	Pass
				50	3.92	0.014	0.0000	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.119	/	Pass
		836.5	6	0	1.121	/	Pass
		848.3	6	0	1.122	/	Pass
	16QAM	824.7	6	0	1.128	/	Pass
		836.5	6	0	1.136	/	Pass
		848.3	6	0	1.124	/	Pass
	64QAM	824.7	6	0	1.122	/	Pass
		836.5	6	0	1.126	/	Pass
		848.3	6	0	1.124	/	Pass
3	QPSK	825.5	15	0	2.752	/	Pass
		836.5	15	0	2.751	/	Pass
		847.5	15	0	2.744	/	Pass
	16QAM	825.5	15	0	2.740	/	Pass
		836.5	15	0	2.746	/	Pass
		847.5	15	0	2.766	/	Pass
	64QAM	825.5	15	0	2.744	/	Pass
		836.5	15	0	2.752	/	Pass
		847.5	15	0	2.746	/	Pass
5	QPSK	826.5	25	0	4.569	/	Pass
		836.5	25	0	4.574	/	Pass
		846.5	25	0	4.585	/	Pass
	16QAM	826.5	25	0	4.575	/	Pass
		836.5	25	0	4.578	/	Pass
		846.5	25	0	4.566	/	Pass
	64QAM	826.5	25	0	4.572	/	Pass
		836.5	25	0	4.559	/	Pass
		846.5	25	0	4.566	/	Pass
10	QPSK	829	50	0	9.063	/	Pass
		836.5	50	0	9.090	/	Pass
		844	50	0	9.044	/	Pass
	16QAM	829	50	0	9.057	/	Pass
		836.5	50	0	9.076	/	Pass
		844	50	0	9.050	/	Pass
	64QAM	829	50	0	9.078	/	Pass
		836.5	50	0	9.056	/	Pass
		844	50	0	9.028	/	Pass

3.1.2 Band5_XDB

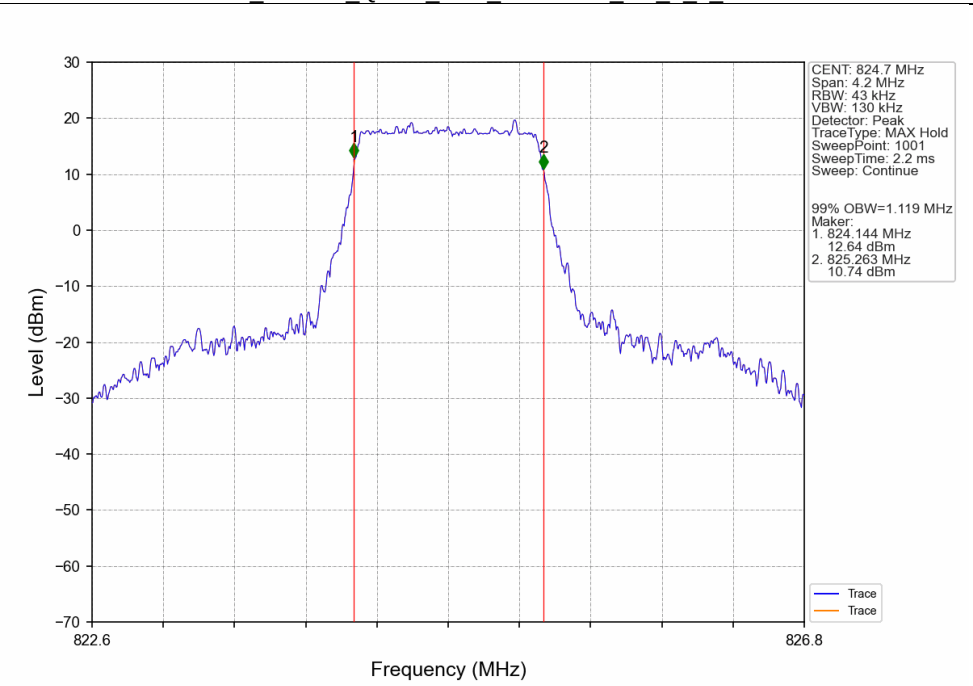
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.401	/	Pass
		836.5	6	0	1.401	/	Pass
		848.3	6	0	1.375	/	Pass

	16QAM	824.7	6	0	1.419	/	Pass
		836.5	6	0	1.457	/	Pass
		848.3	6	0	1.423	/	Pass
	64QAM	824.7	6	0	1.404	/	Pass
		836.5	6	0	1.405	/	Pass
		848.3	6	0	1.383	/	Pass
3	QPSK	825.5	15	0	3.149	/	Pass
		836.5	15	0	3.119	/	Pass
		847.5	15	0	3.119	/	Pass
	16QAM	825.5	15	0	3.152	/	Pass
		836.5	15	0	3.099	/	Pass
		847.5	15	0	3.067	/	Pass
	64QAM	825.5	15	0	3.122	/	Pass
		836.5	15	0	3.126	/	Pass
		847.5	15	0	3.118	/	Pass
5	QPSK	826.5	25	0	5.267	/	Pass
		836.5	25	0	5.287	/	Pass
		846.5	25	0	5.260	/	Pass
	16QAM	826.5	25	0	5.278	/	Pass
		836.5	25	0	5.282	/	Pass
		846.5	25	0	5.296	/	Pass
	64QAM	826.5	25	0	5.279	/	Pass
		836.5	25	0	5.247	/	Pass
		846.5	25	0	5.230	/	Pass
10	QPSK	829	50	0	10.227	/	Pass
		836.5	50	0	10.215	/	Pass
		844	50	0	10.090	/	Pass
	16QAM	829	50	0	10.149	/	Pass
		836.5	50	0	10.227	/	Pass
		844	50	0	10.065	/	Pass
	64QAM	829	50	0	10.175	/	Pass
		836.5	50	0	10.130	/	Pass
		844	50	0	10.117	/	Pass

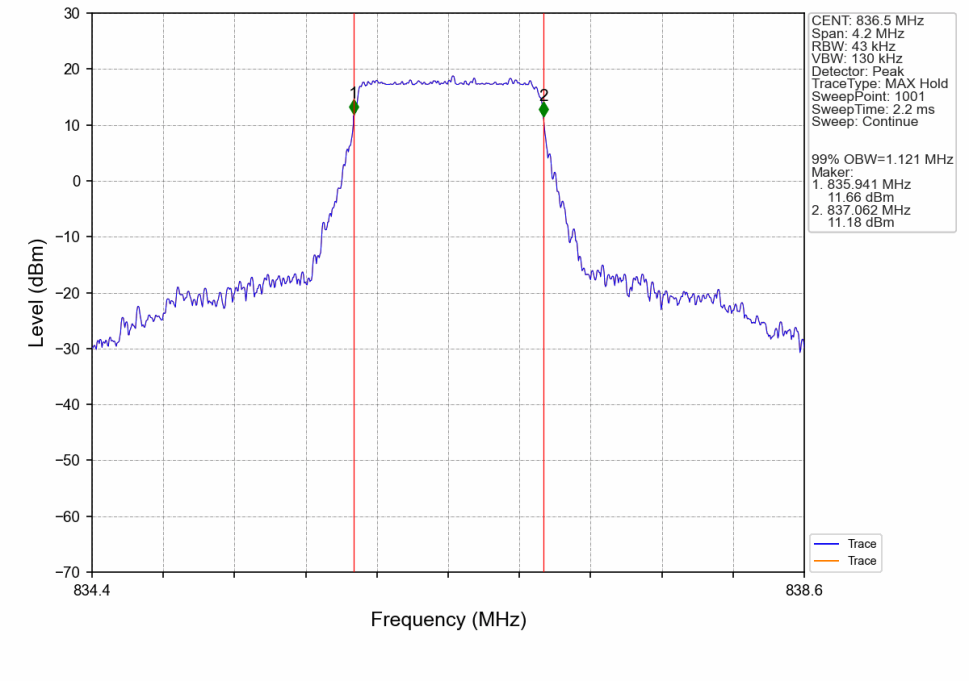
3.2 Test Graph

3.2.1 Band5_OBW

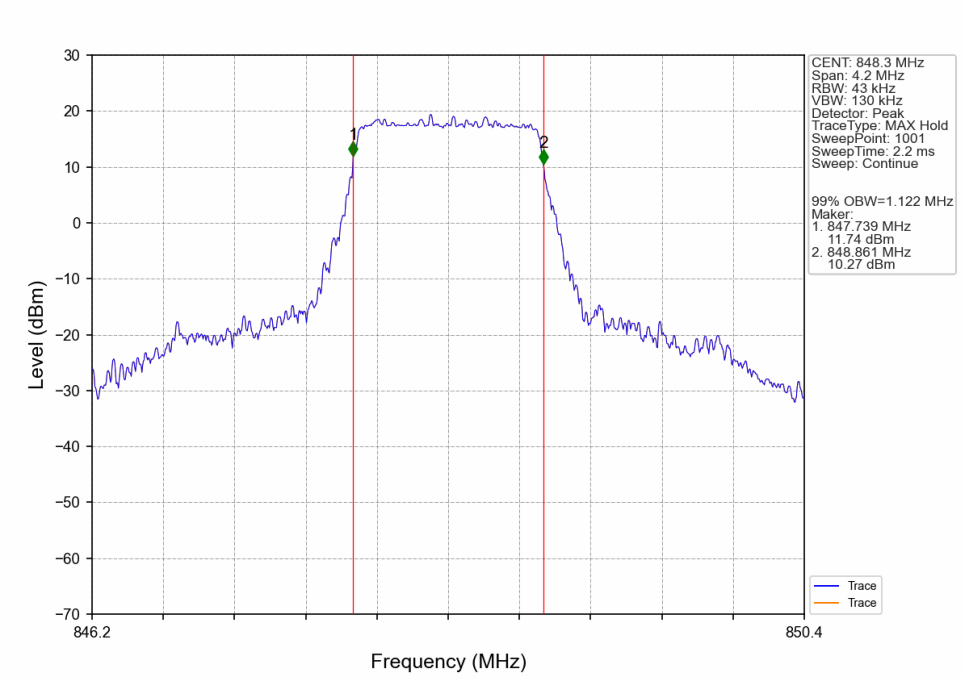
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



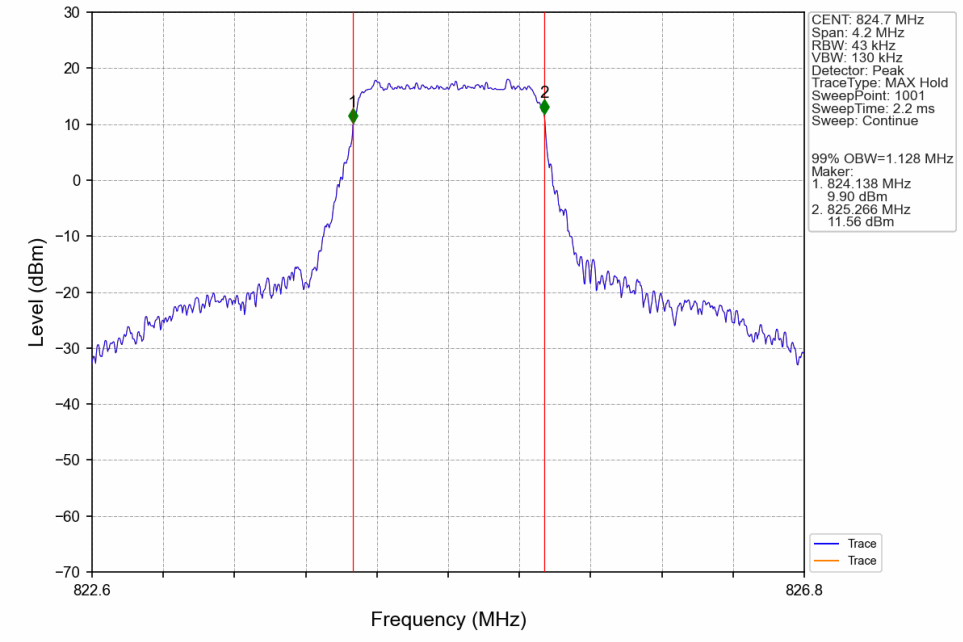
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



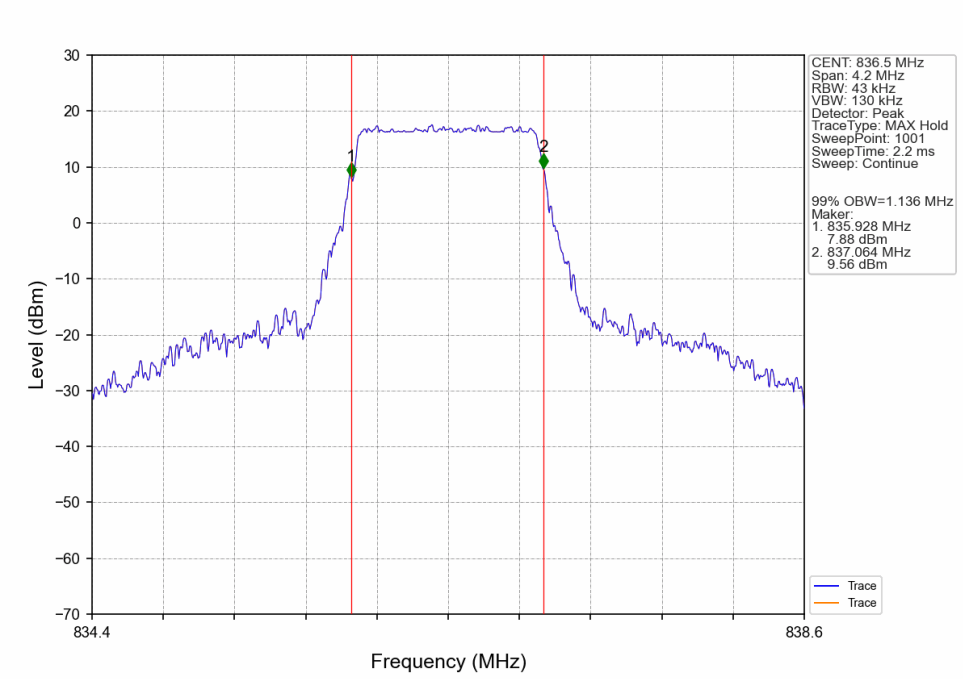
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



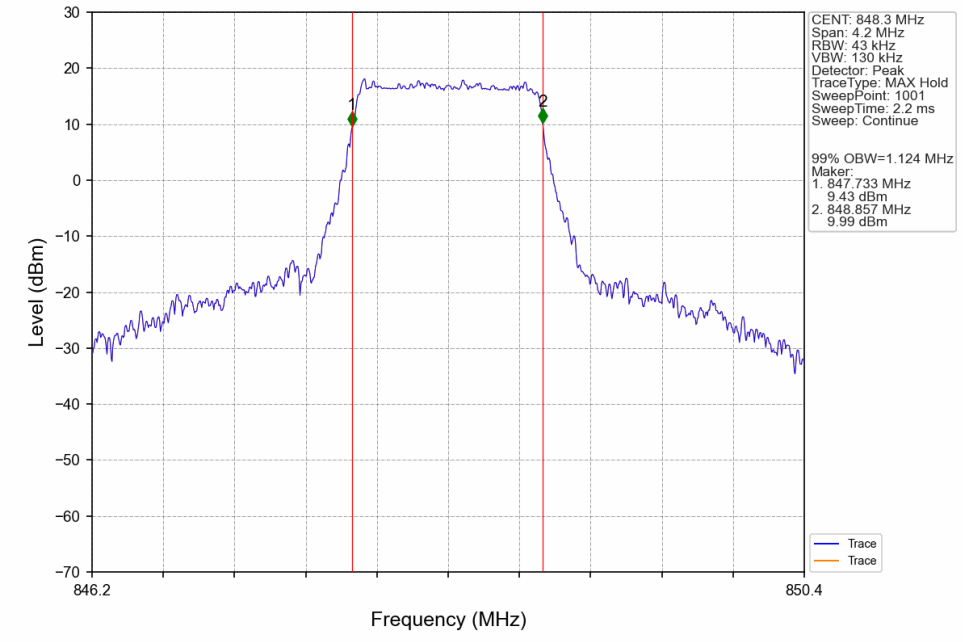
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



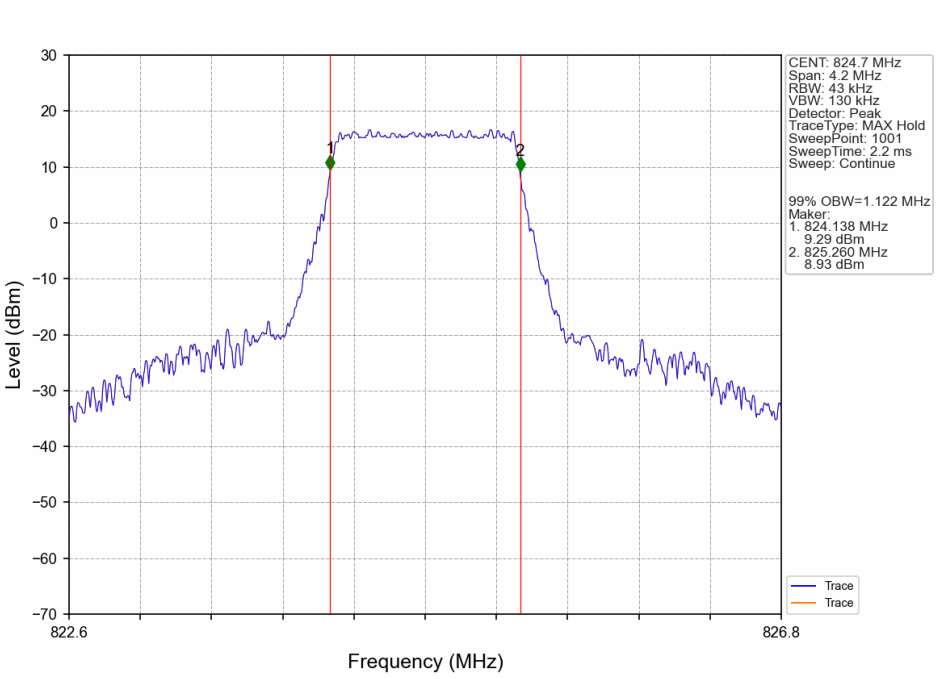
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



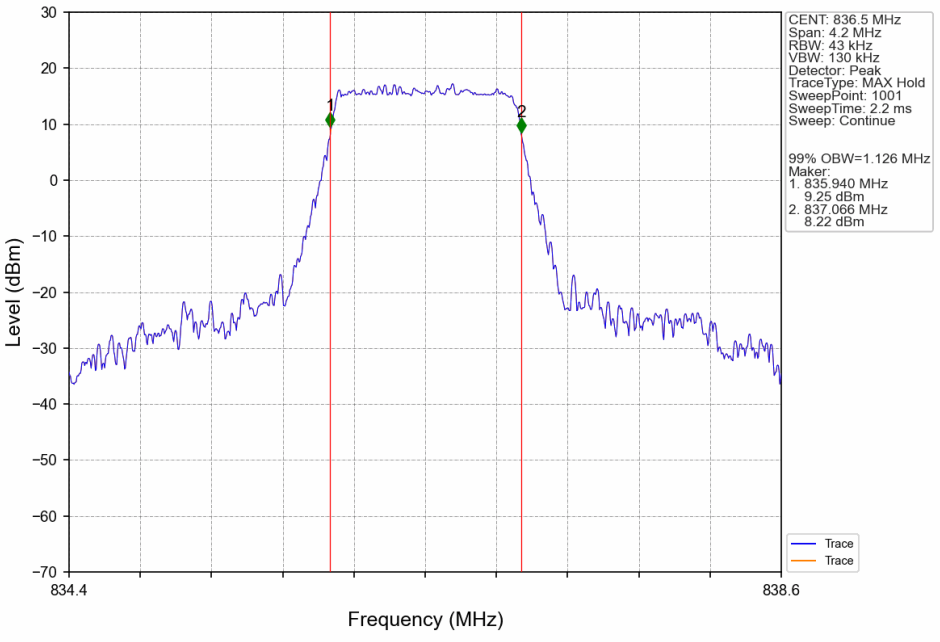
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



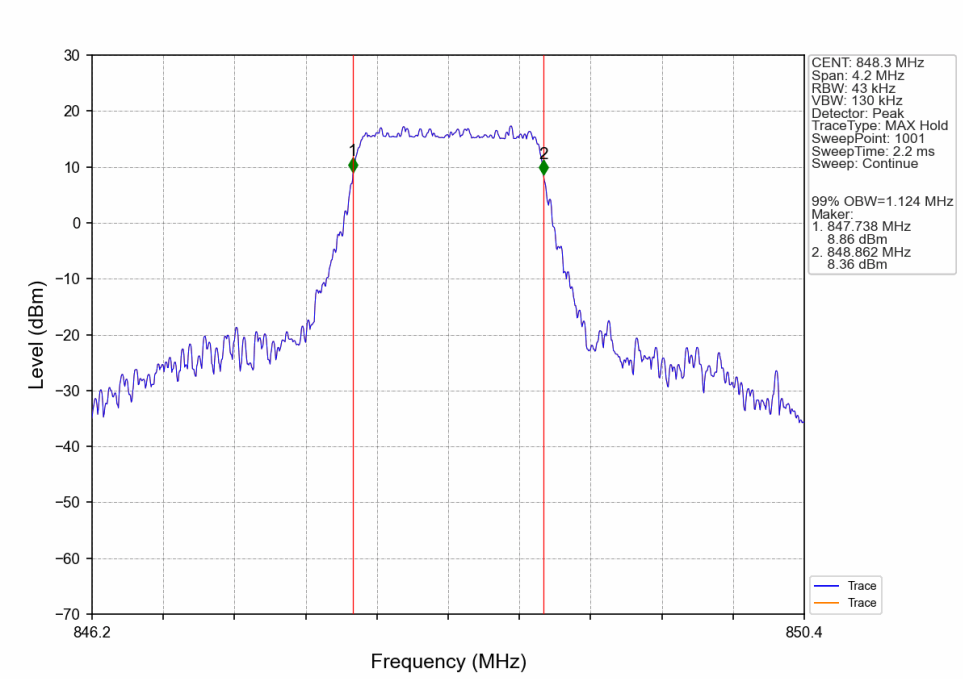
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



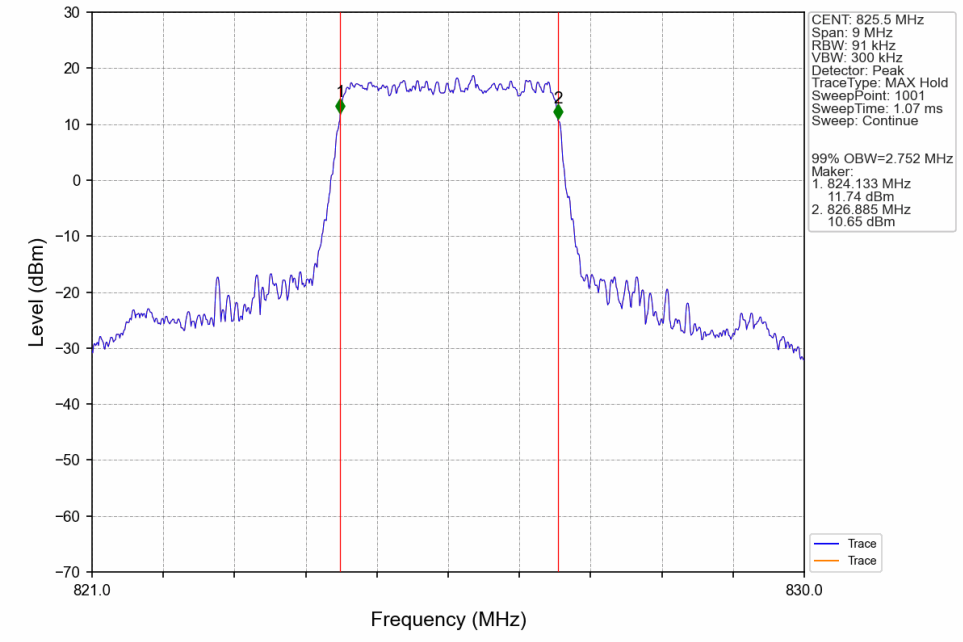
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



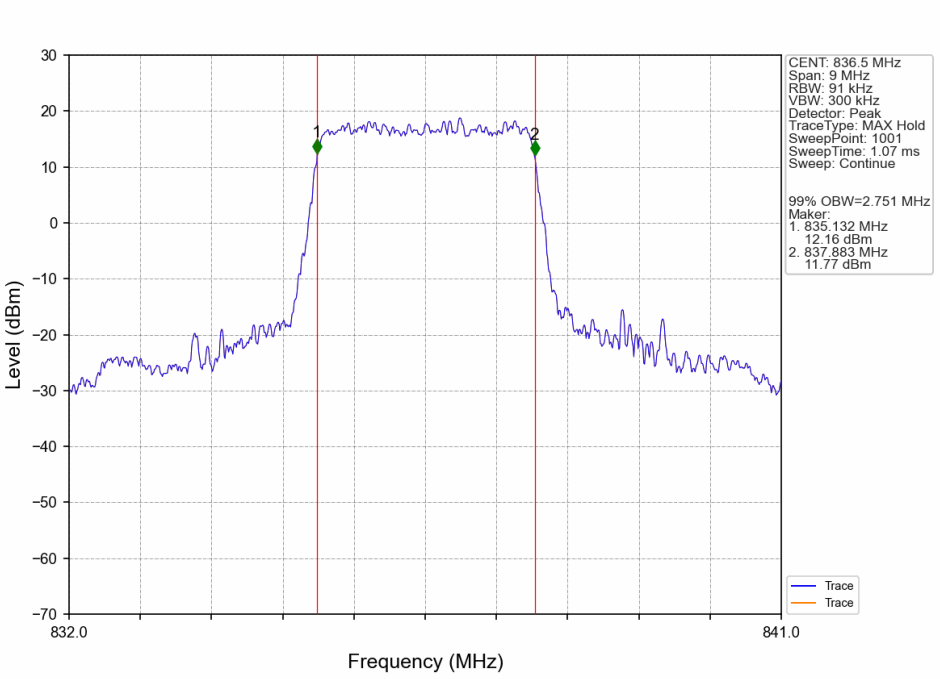
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



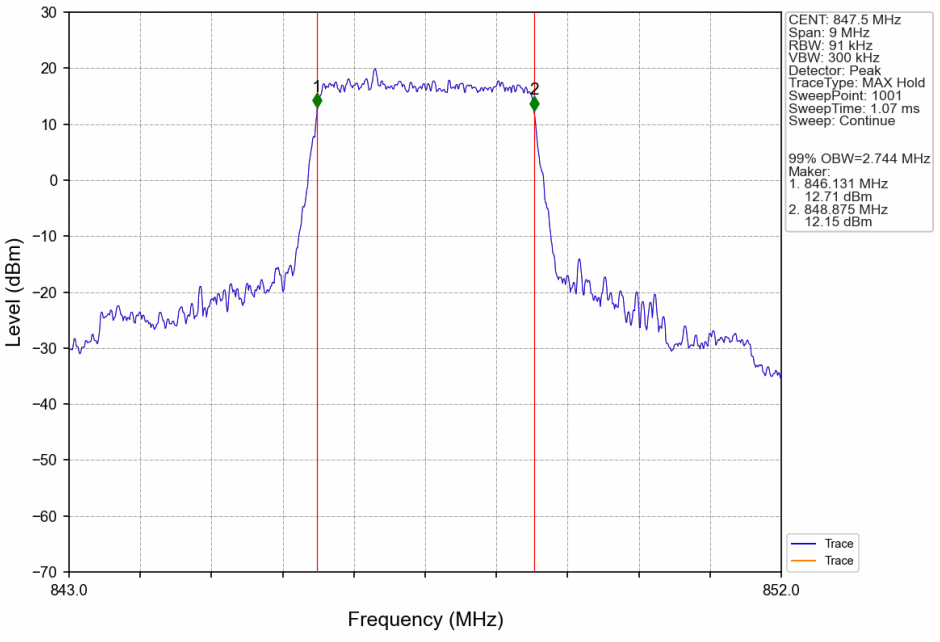
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



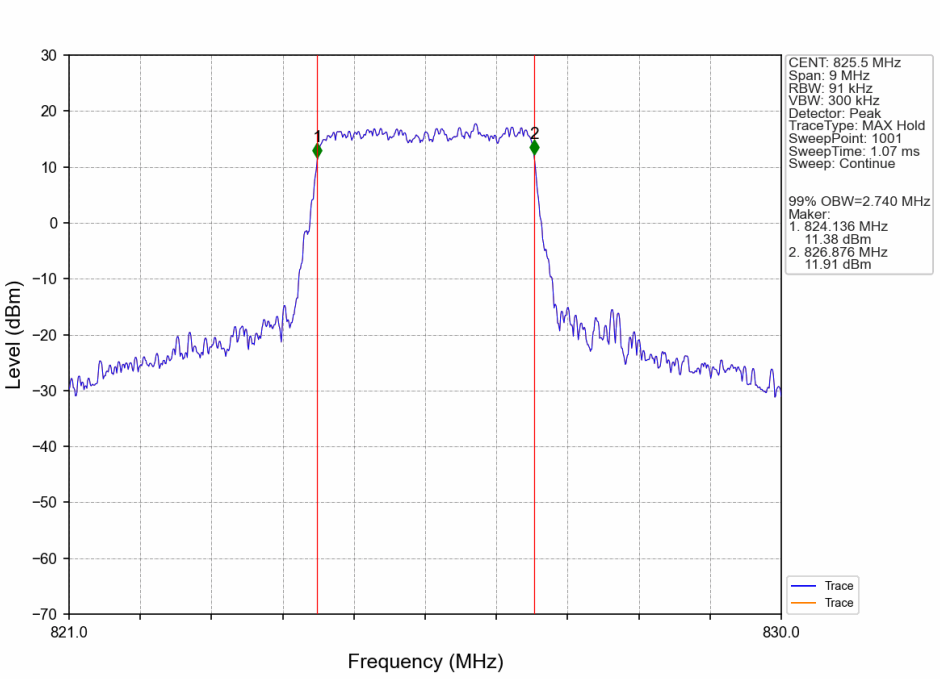
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



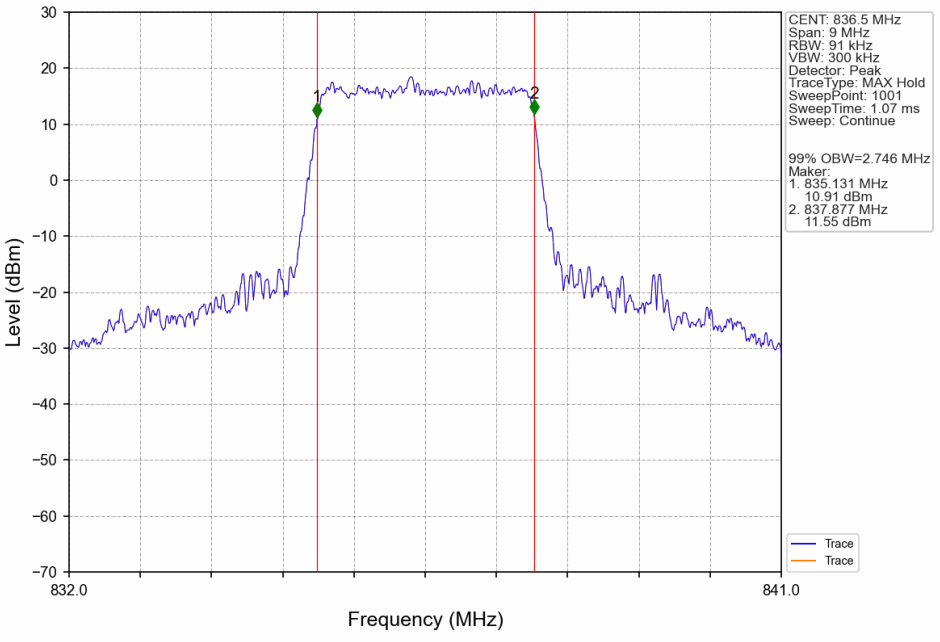
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



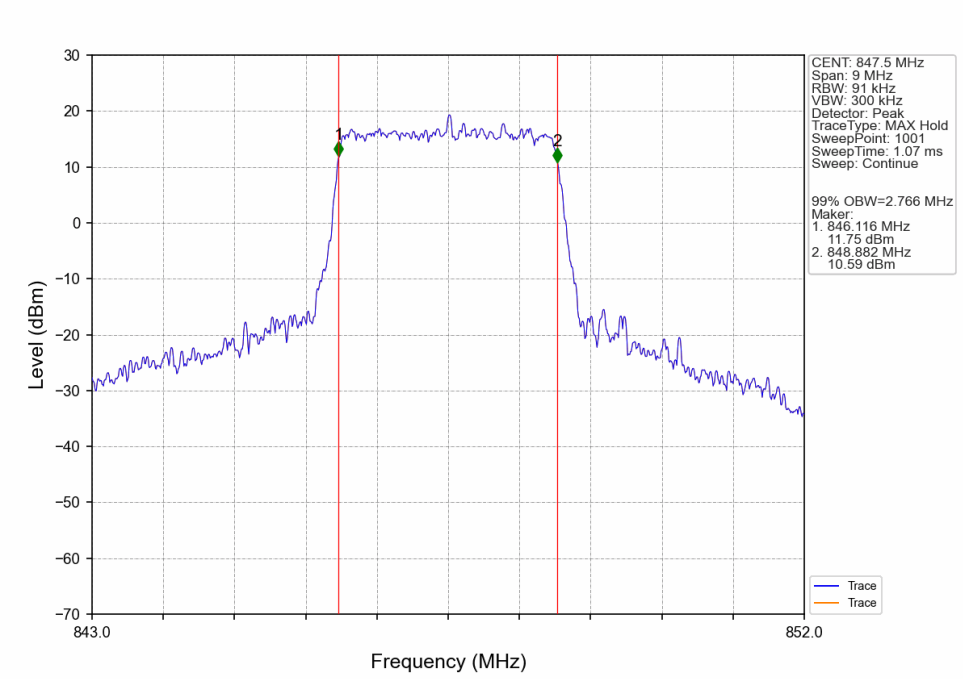
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



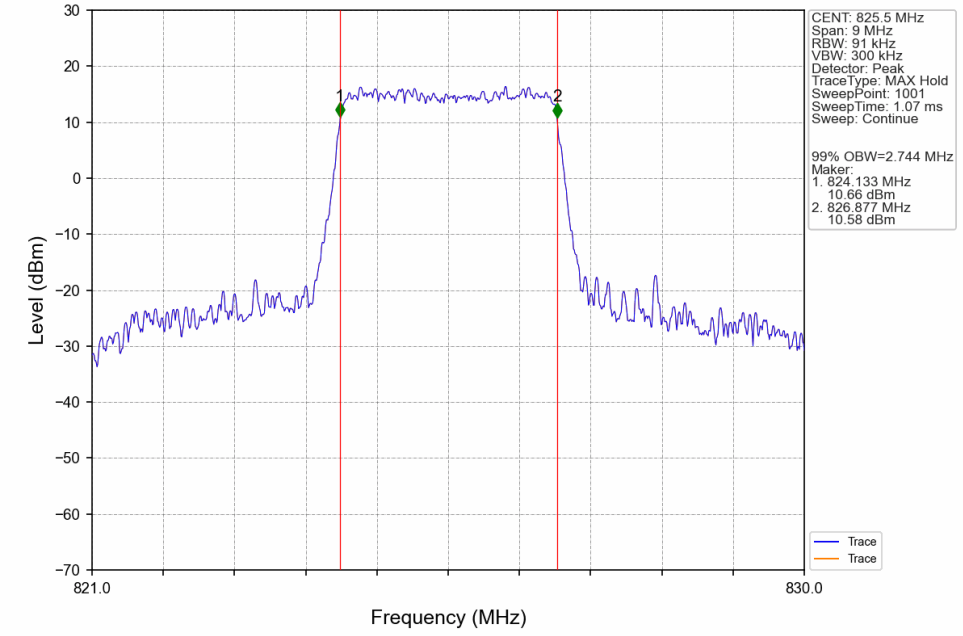
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



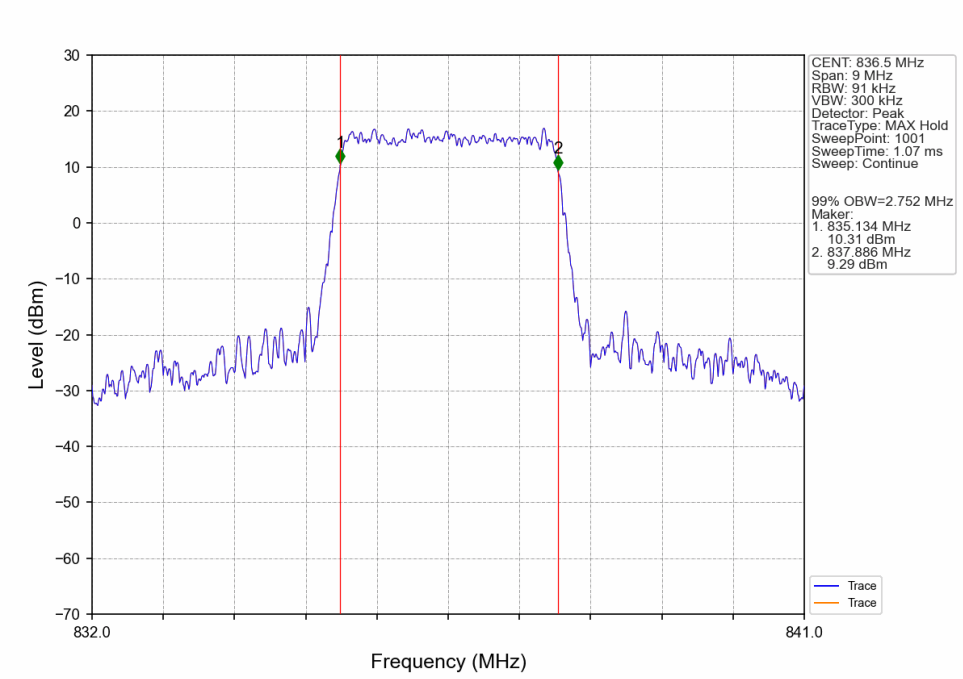
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



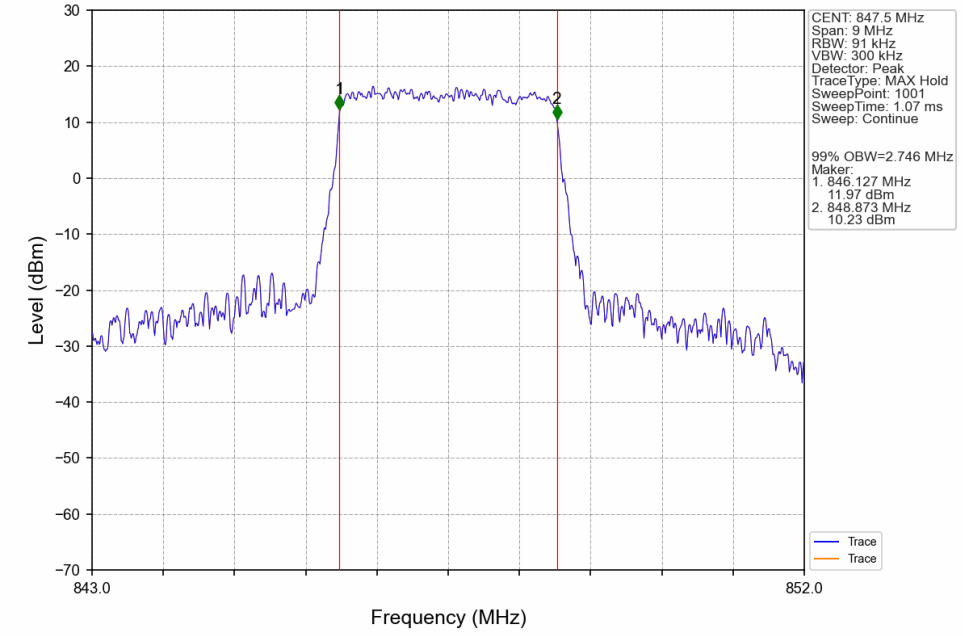
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



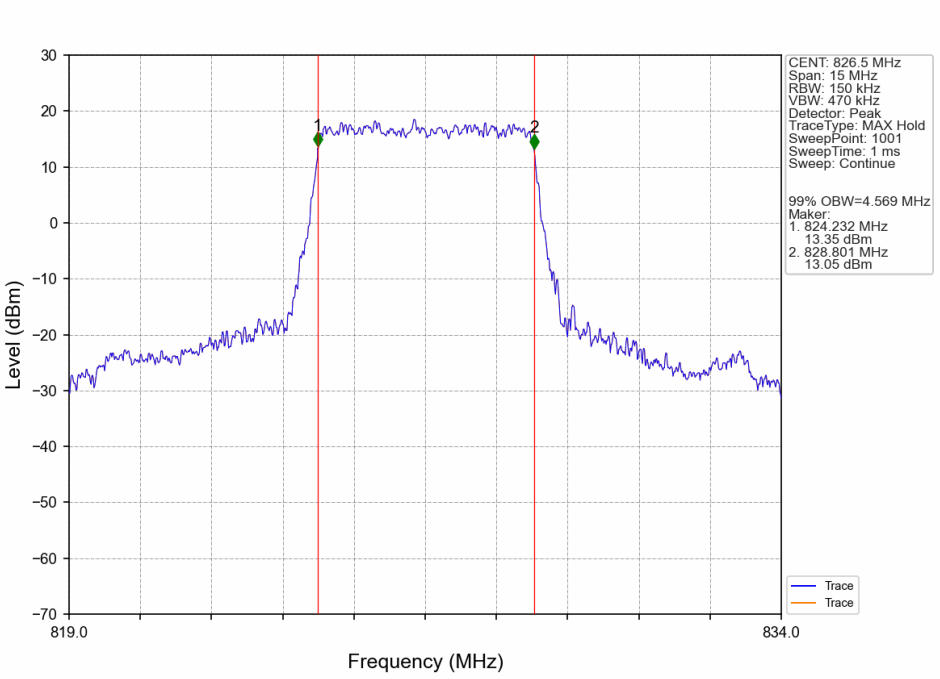
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



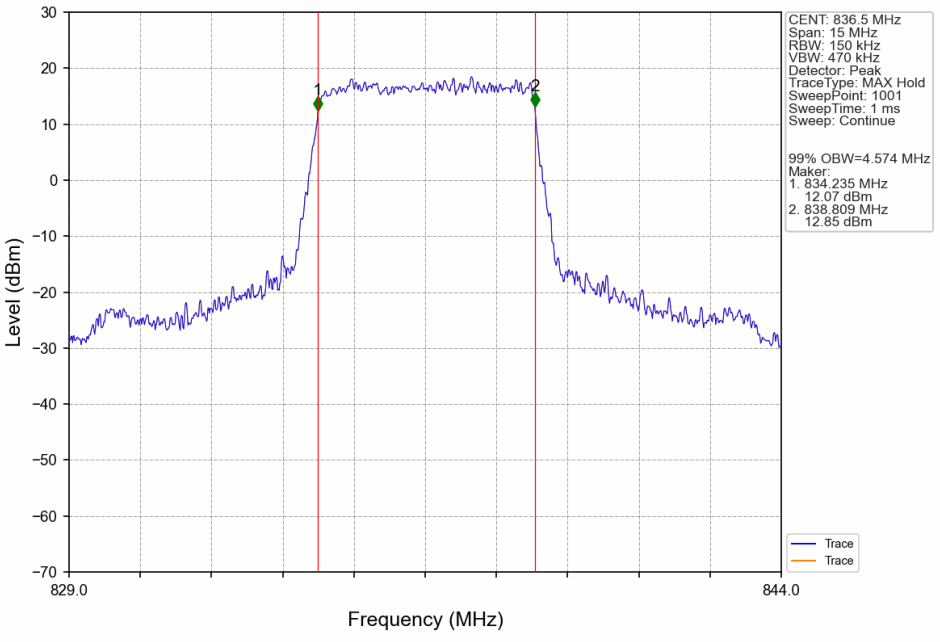
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



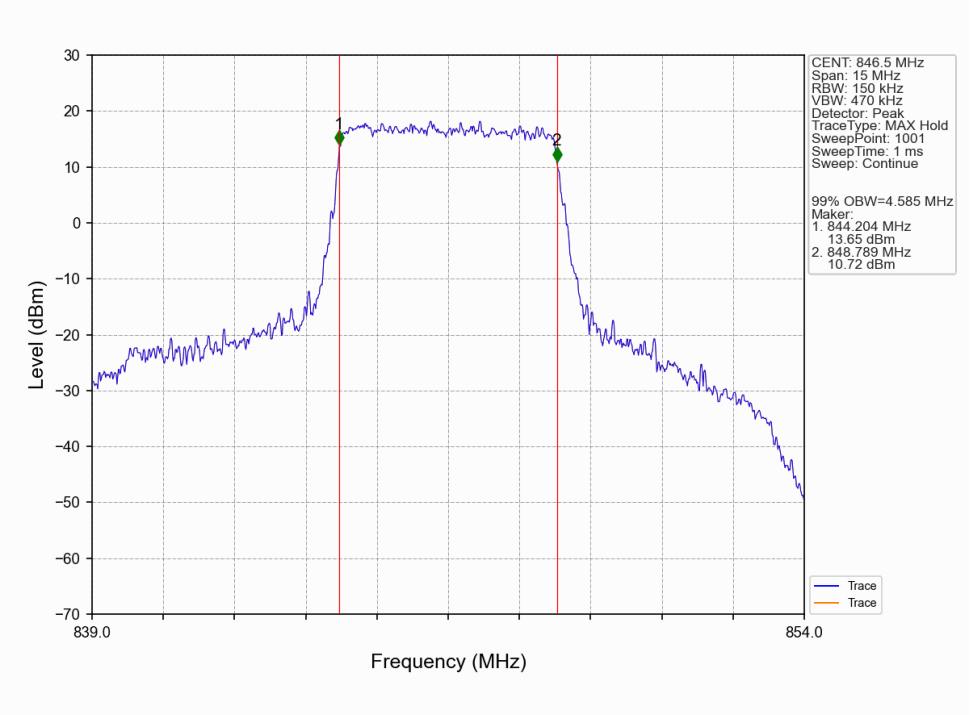
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



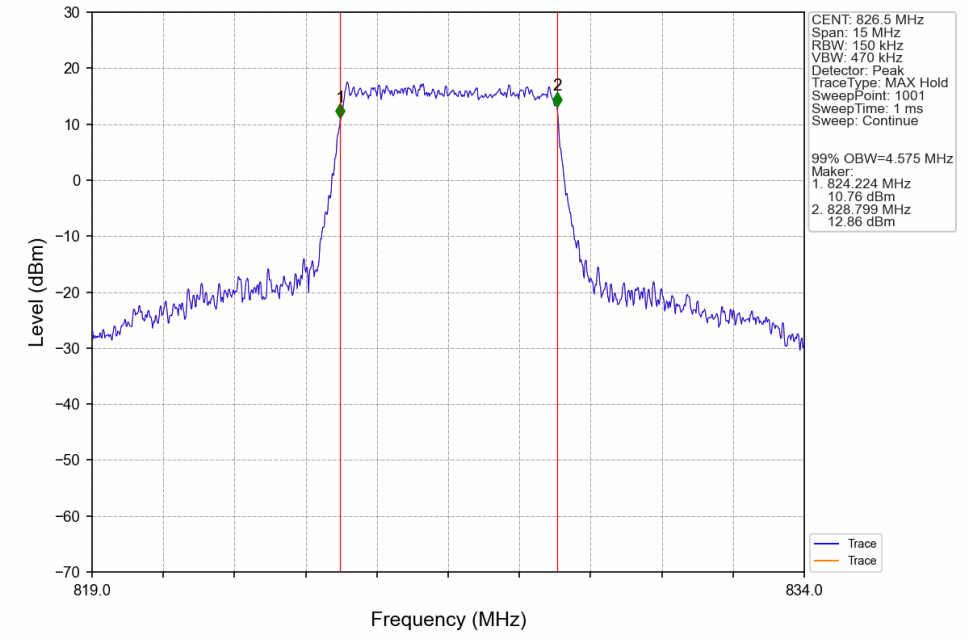
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



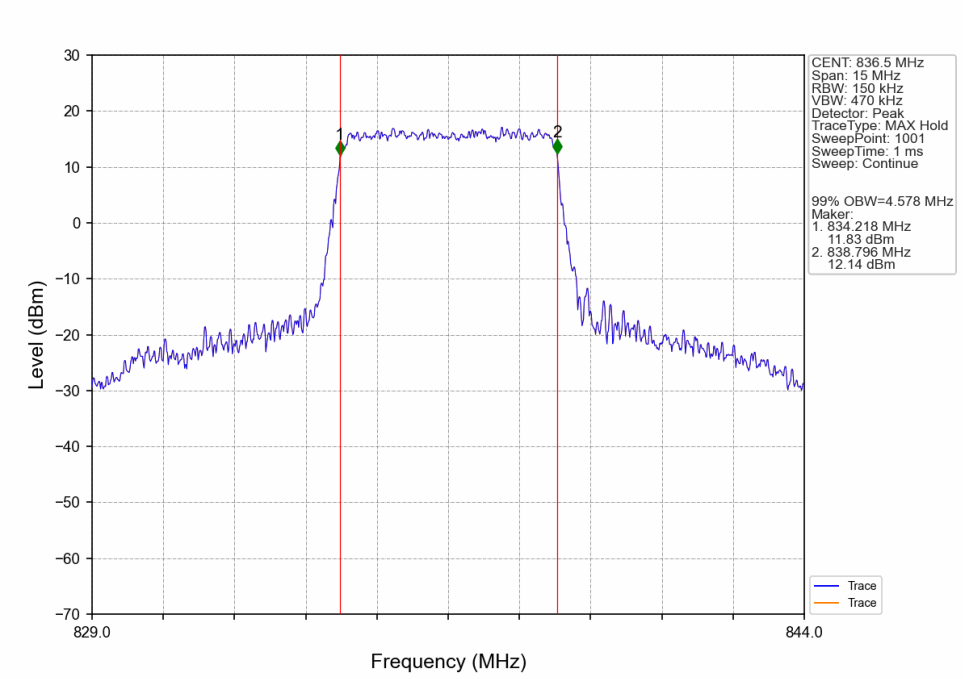
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



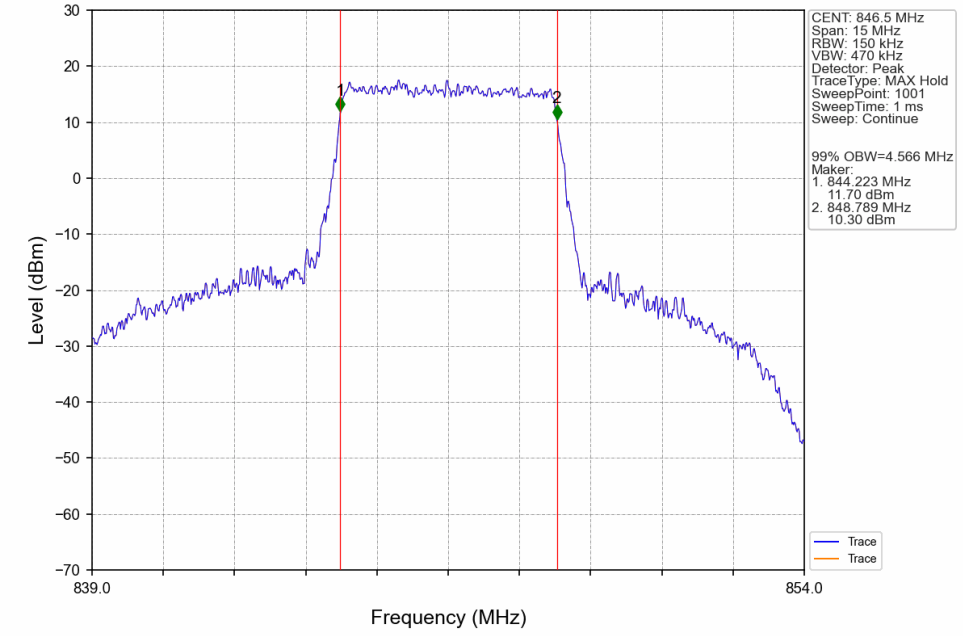
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



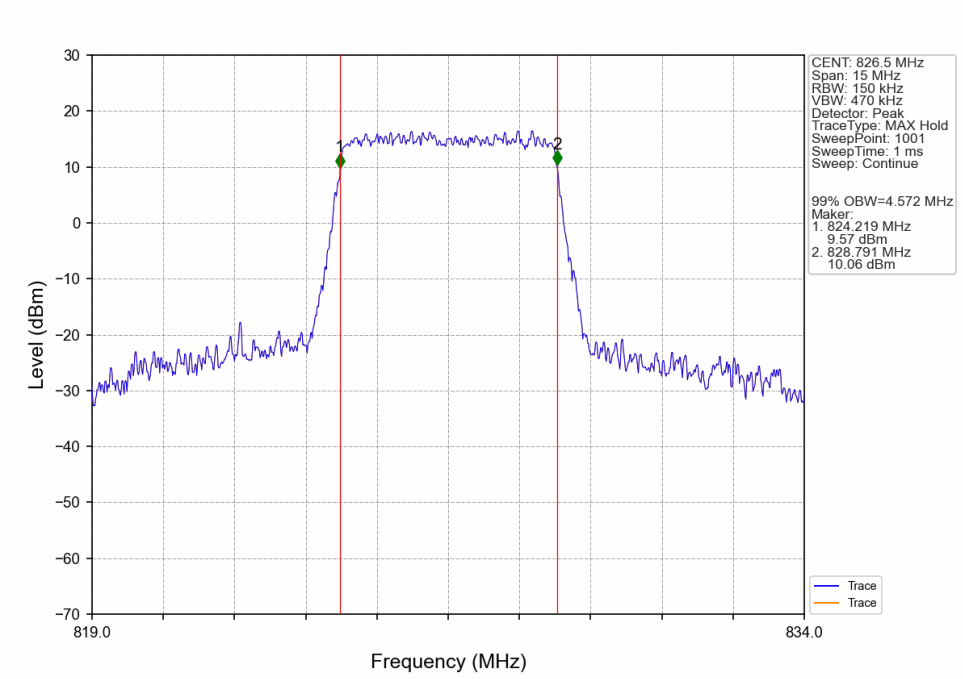
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



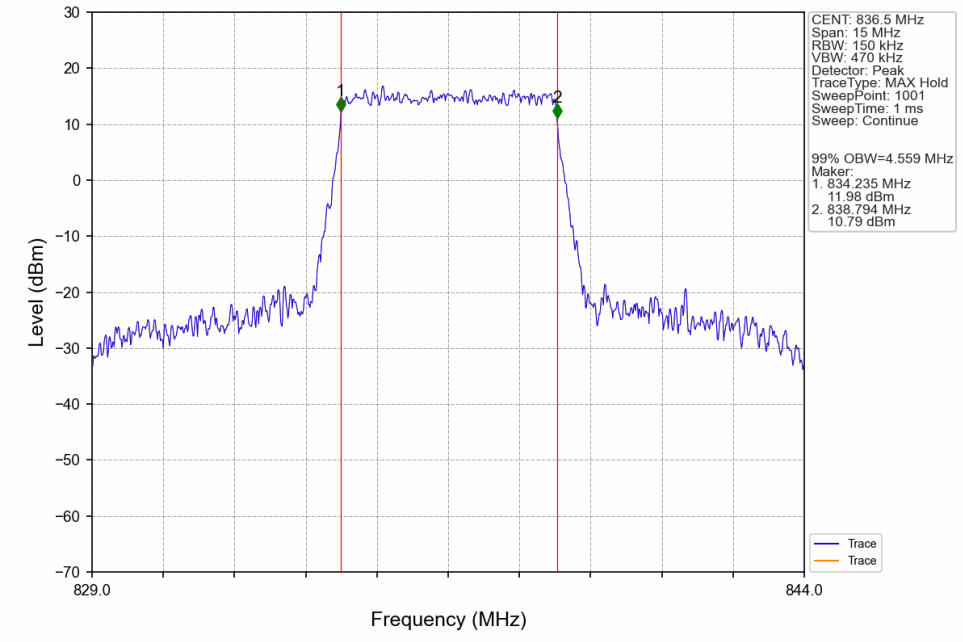
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



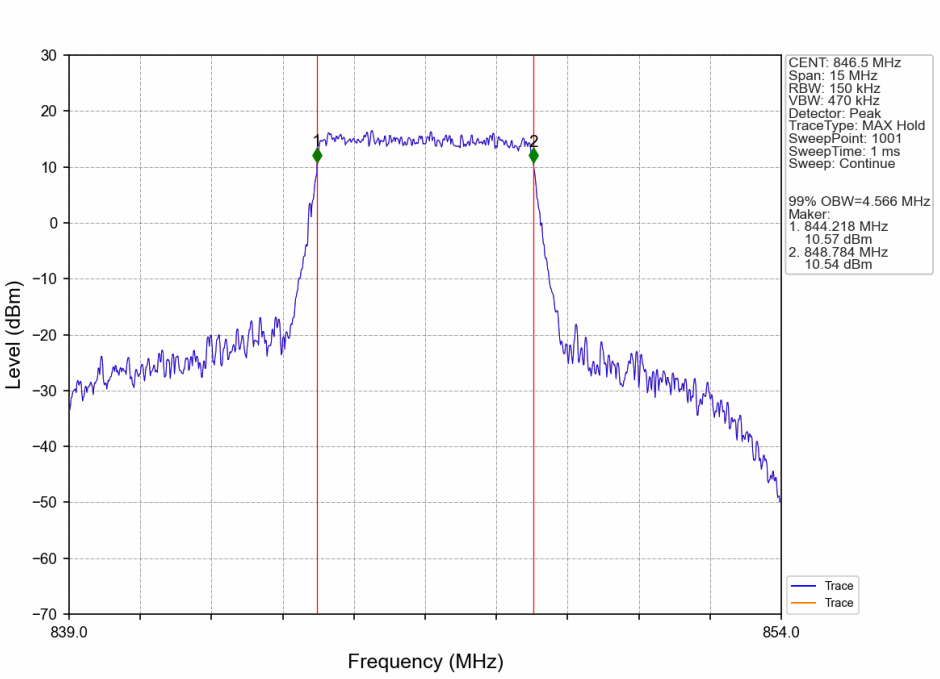
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



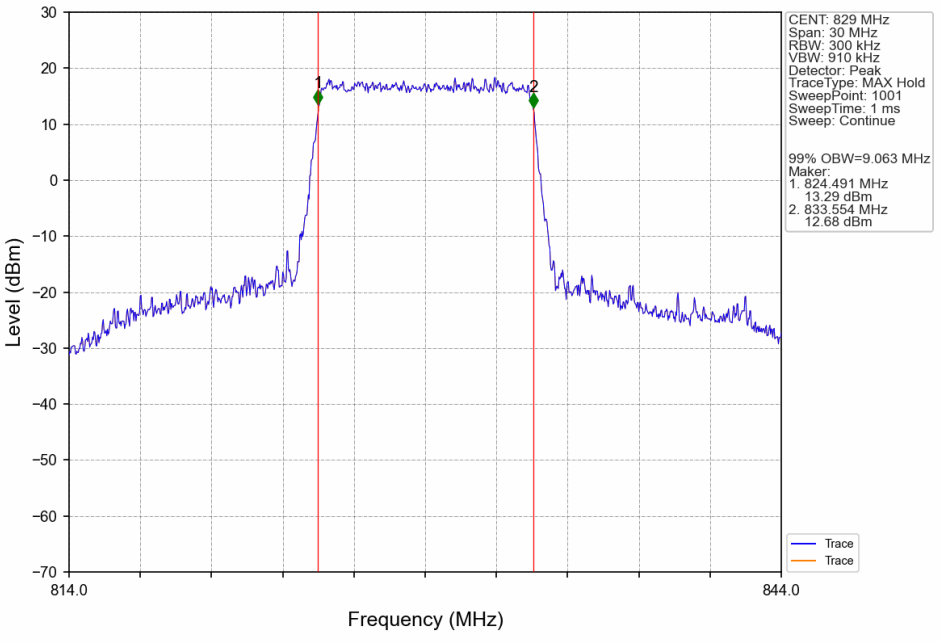
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



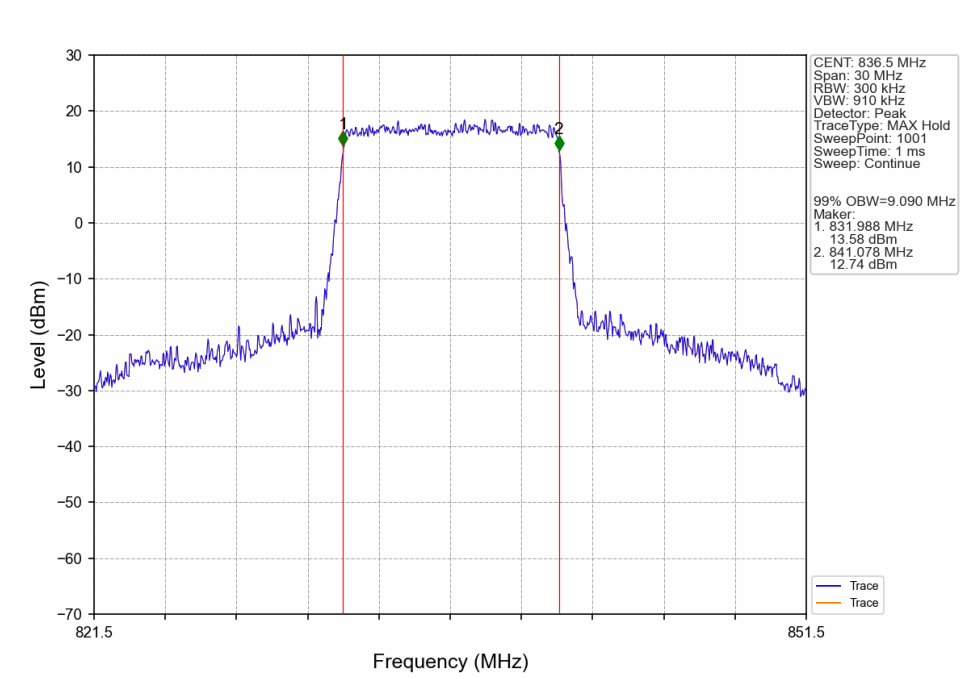
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



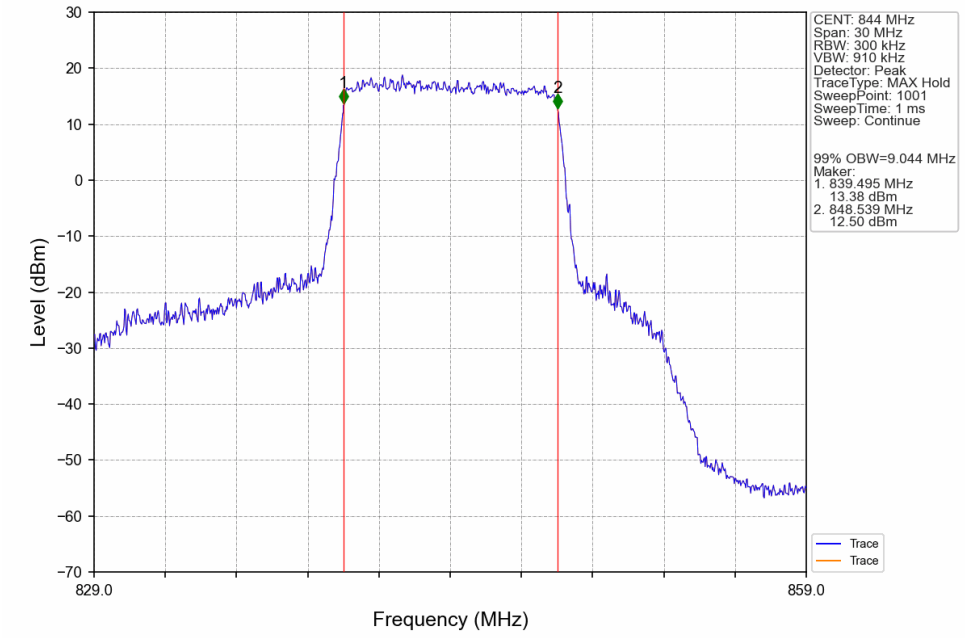
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



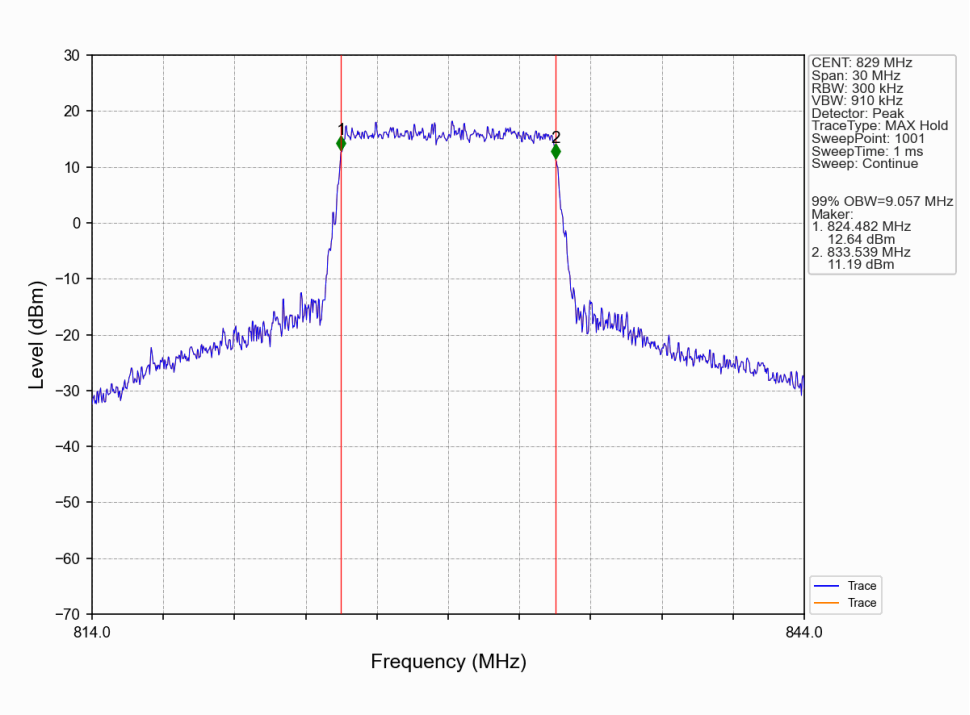
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



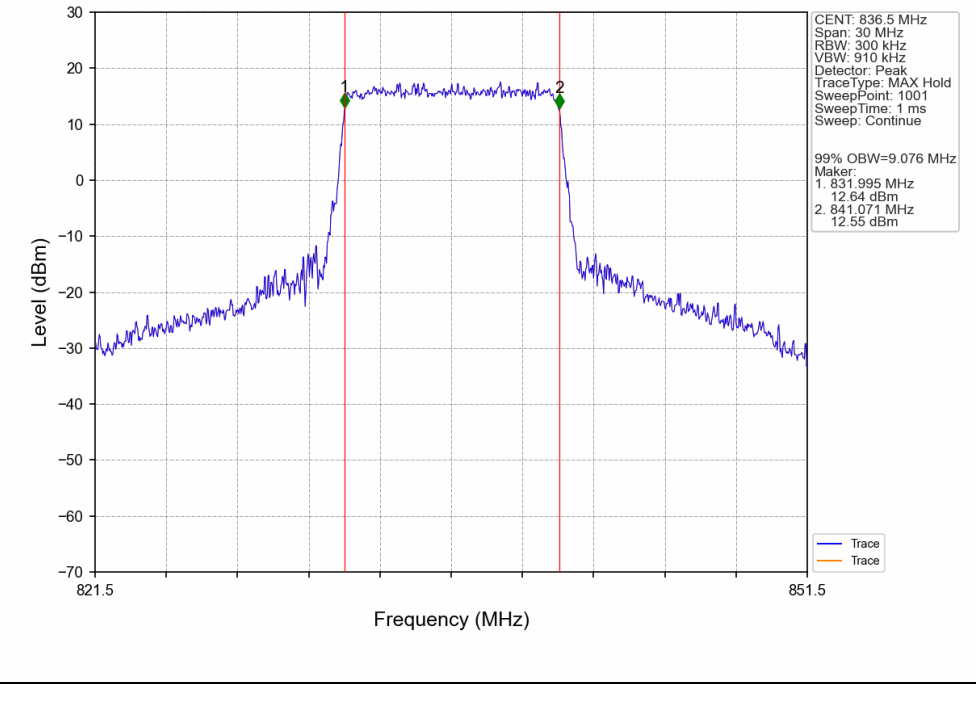
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



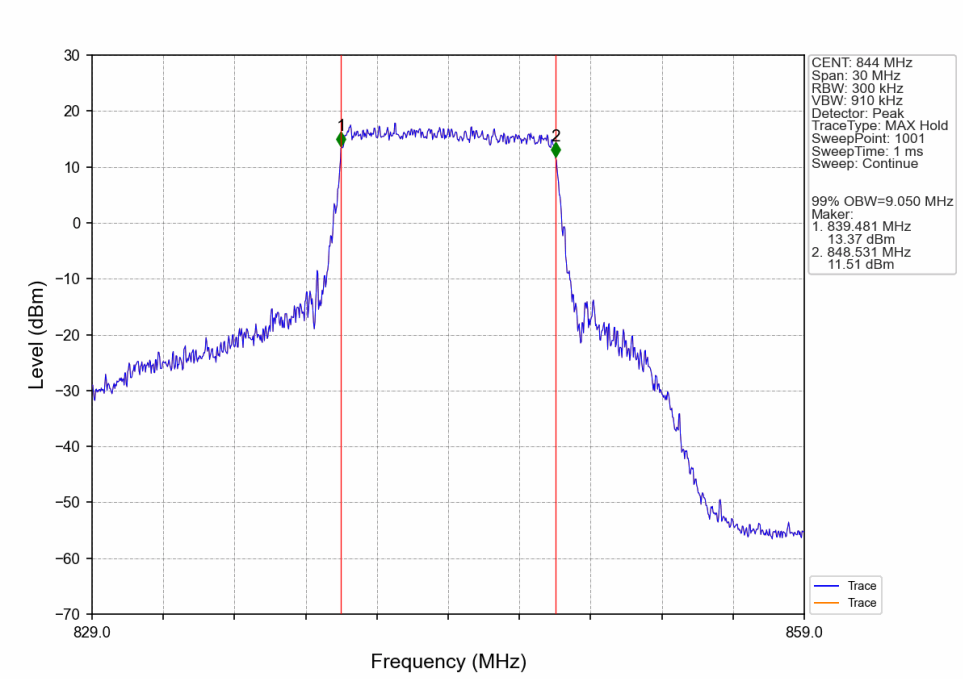
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



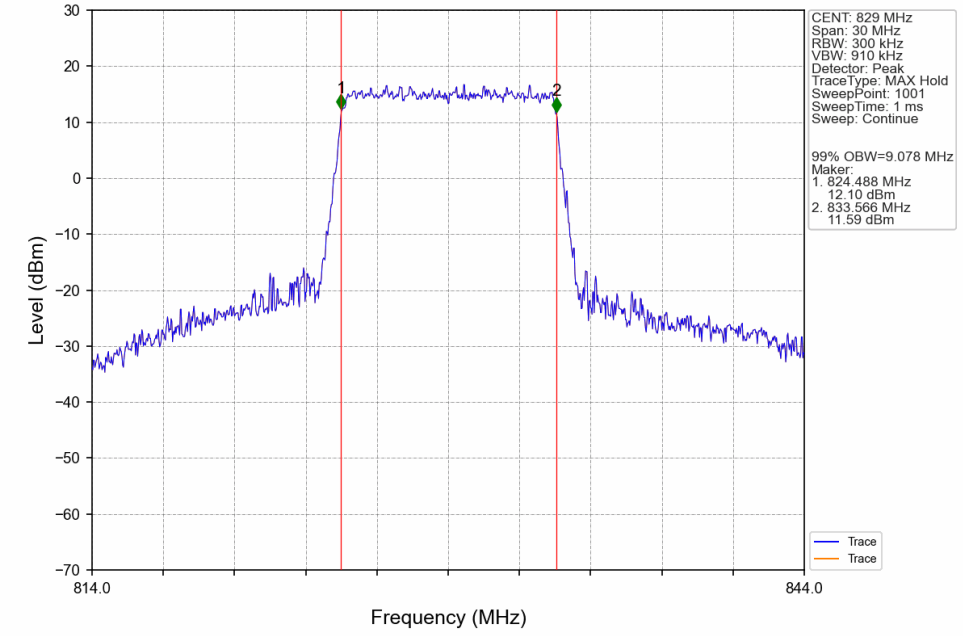
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



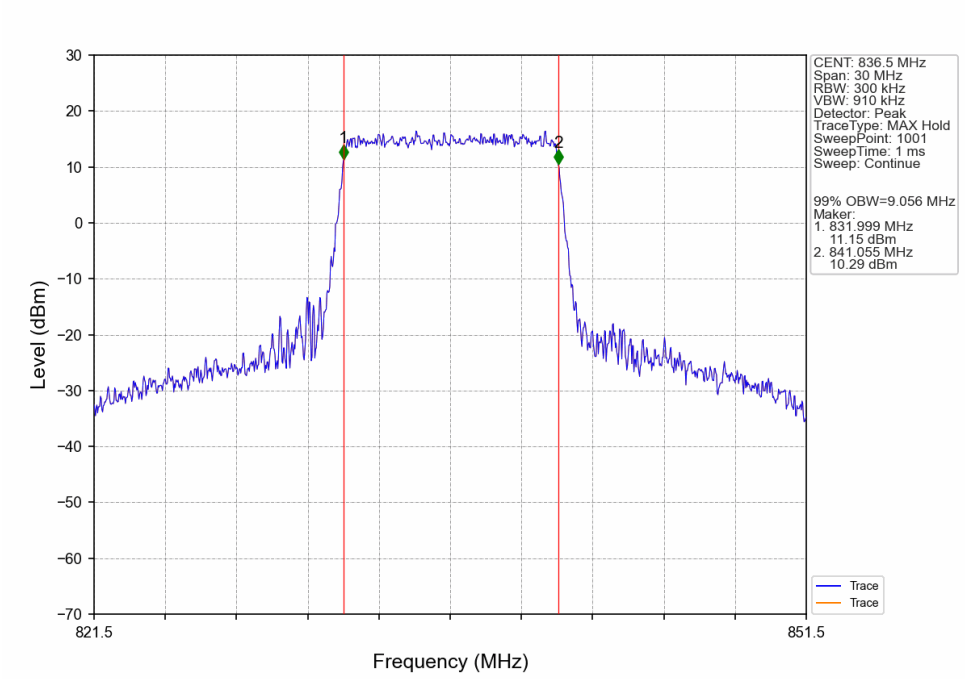
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



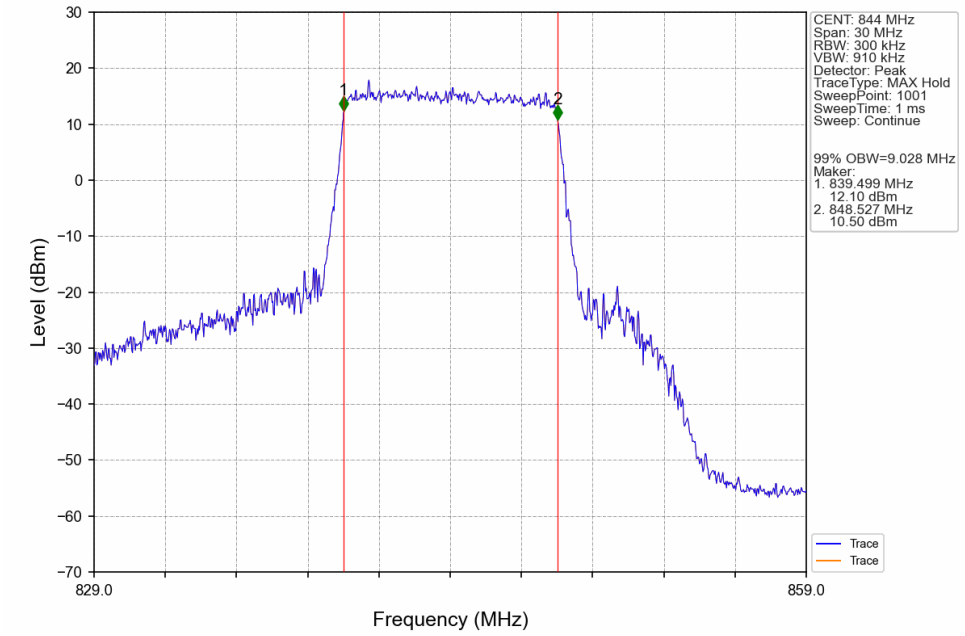
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV

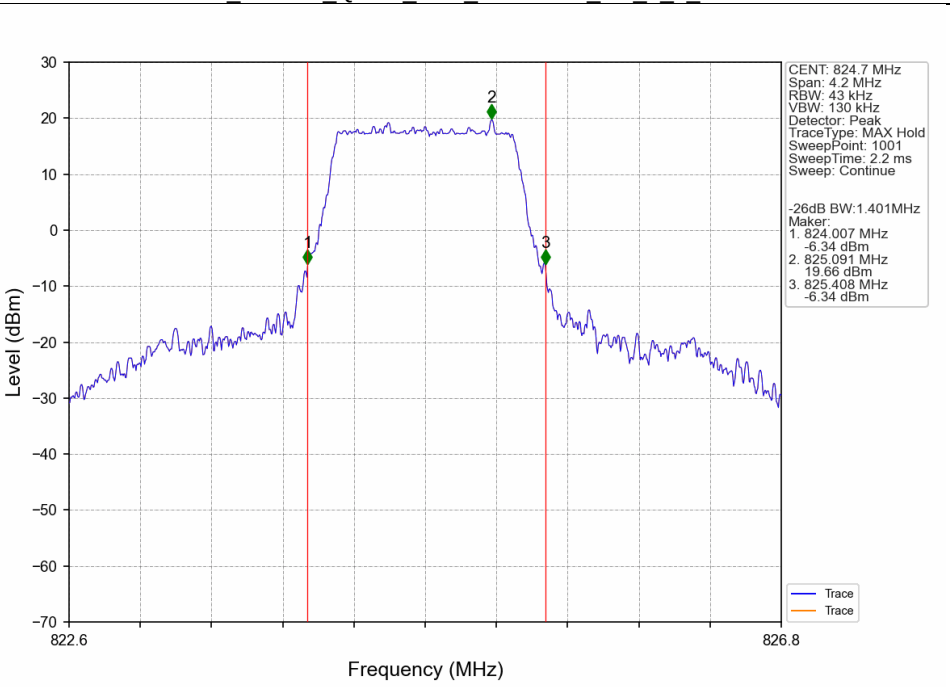


Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV

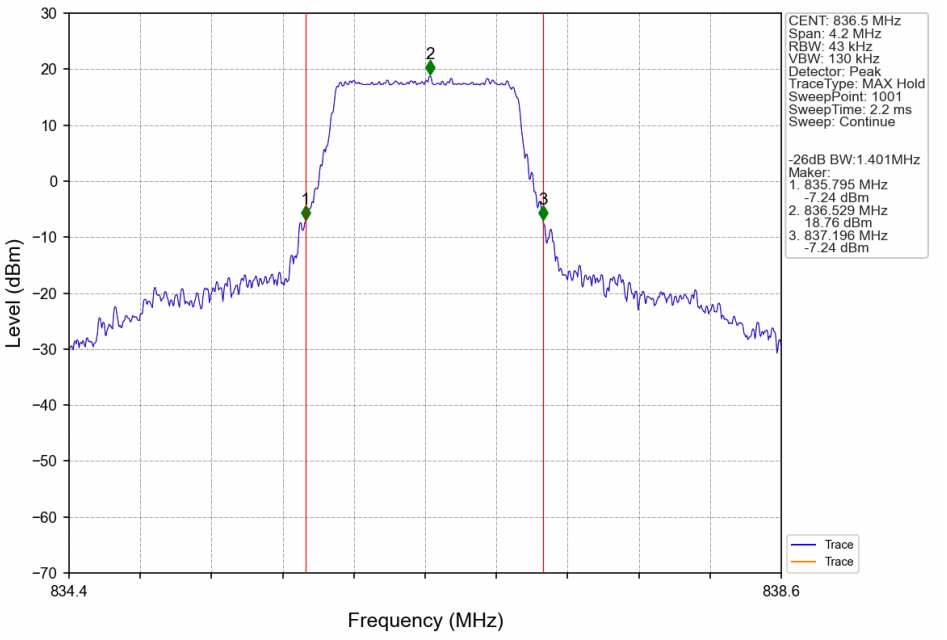


3.2.2 Band5_XDB

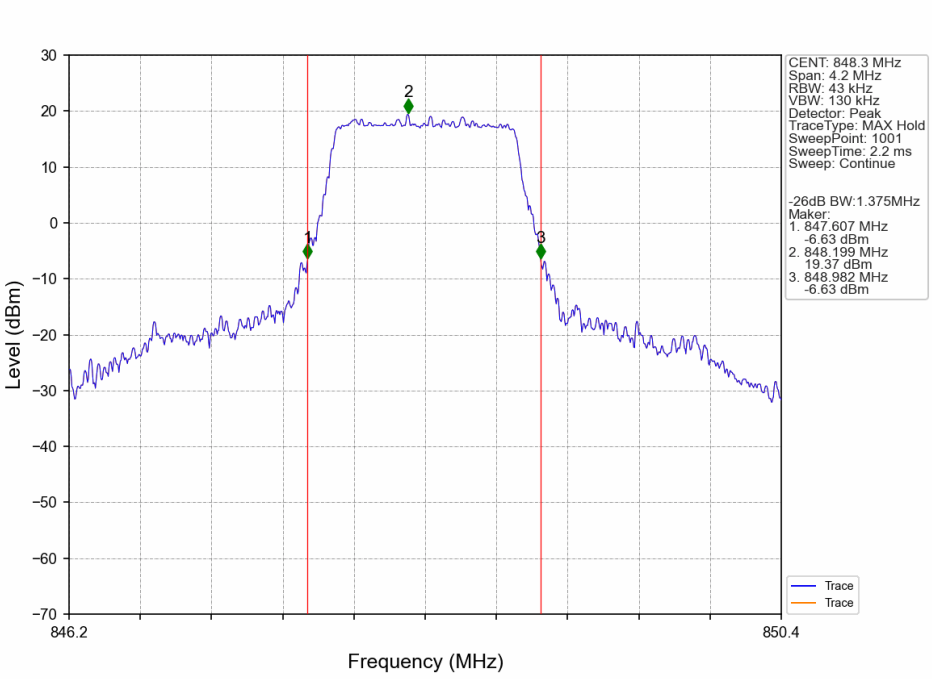
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



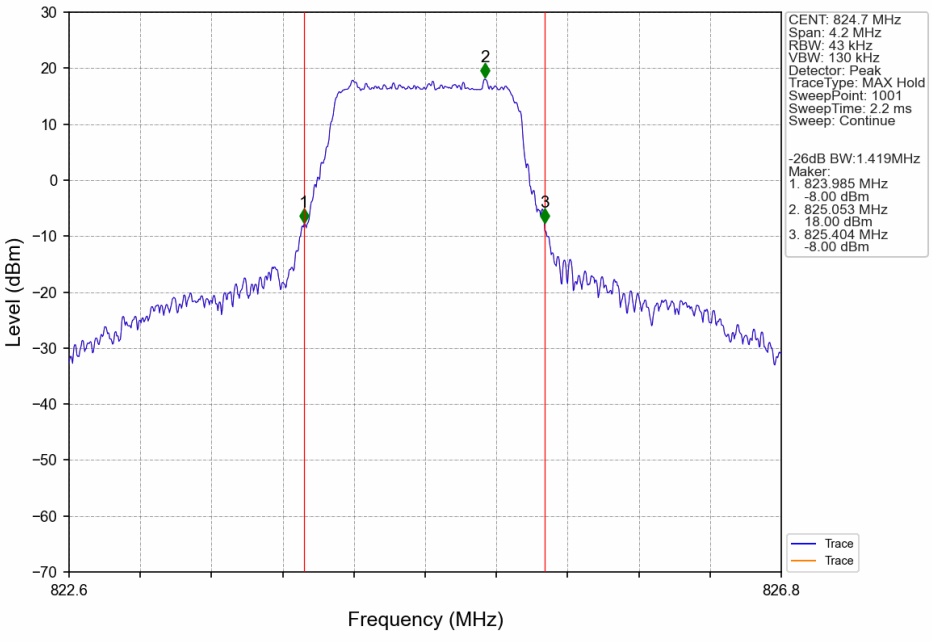
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



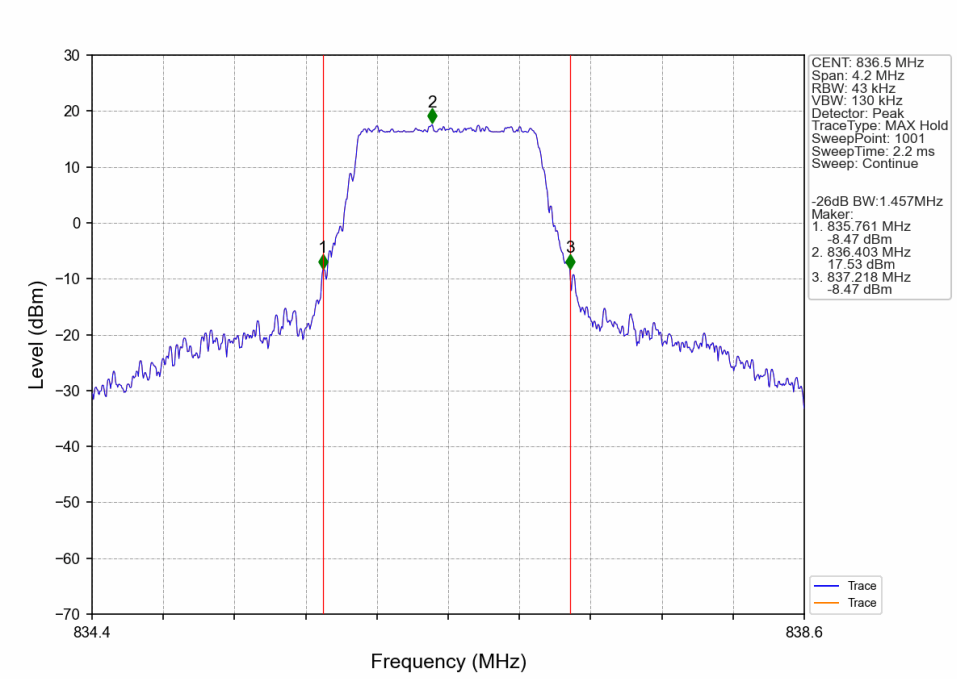
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



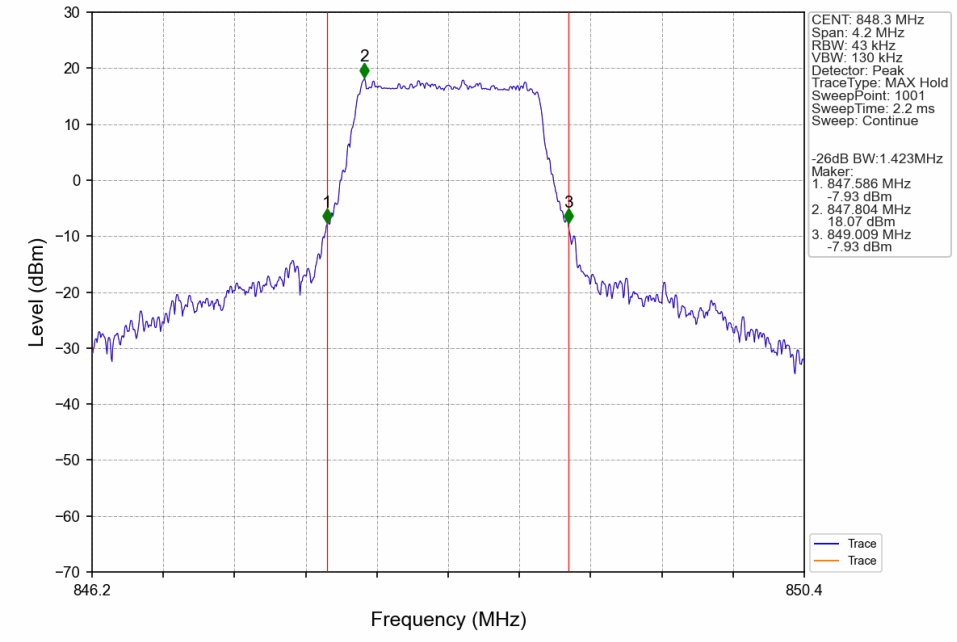
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



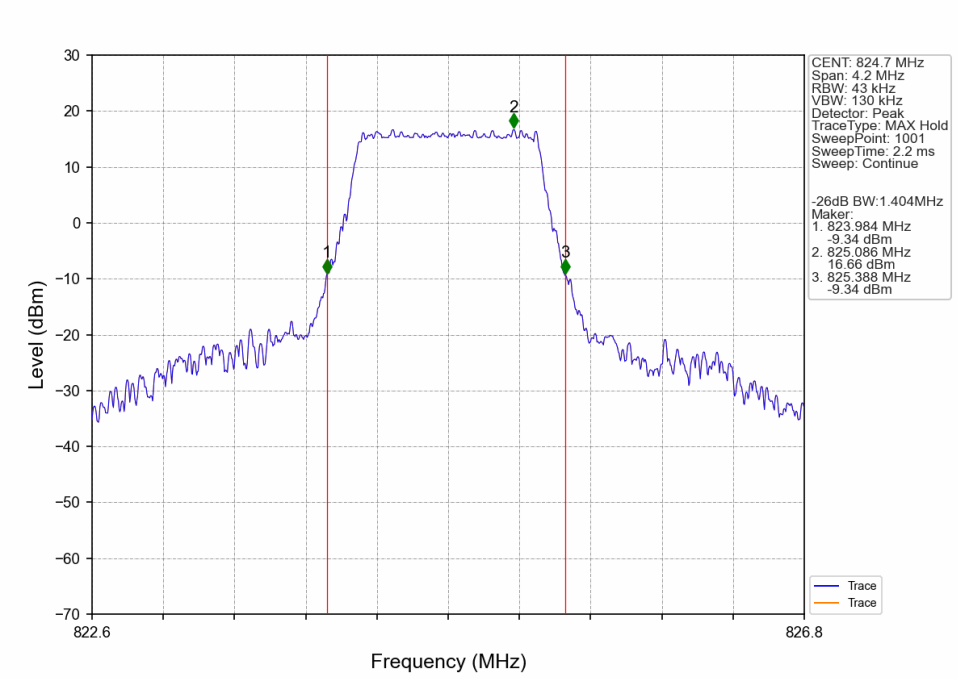
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



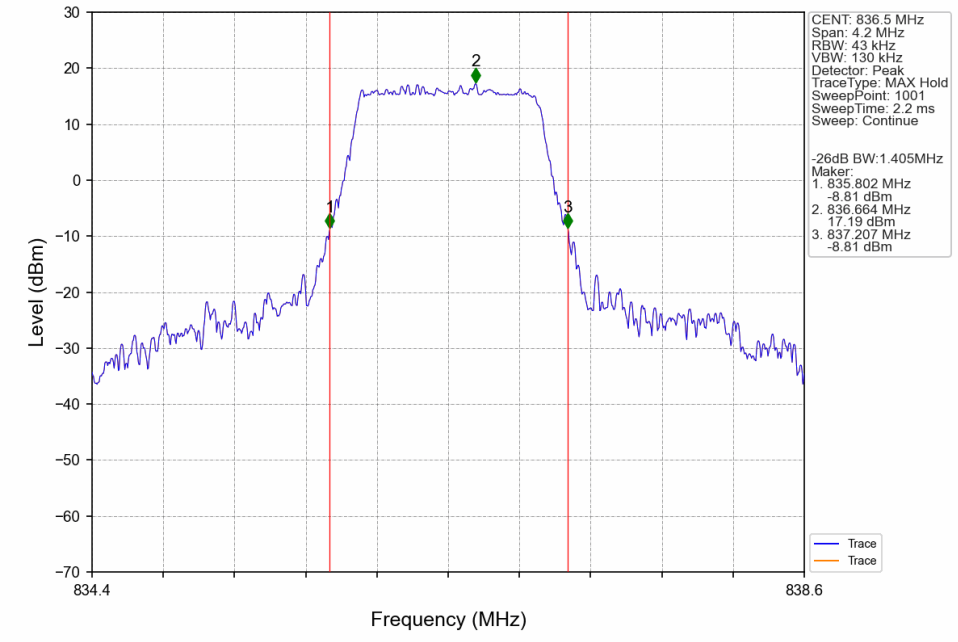
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



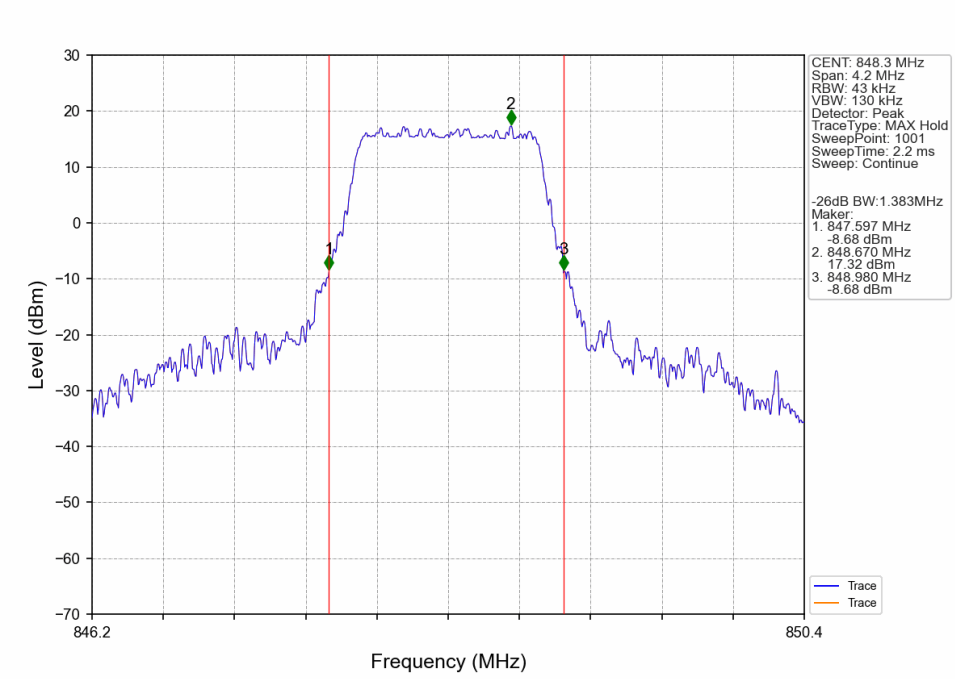
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



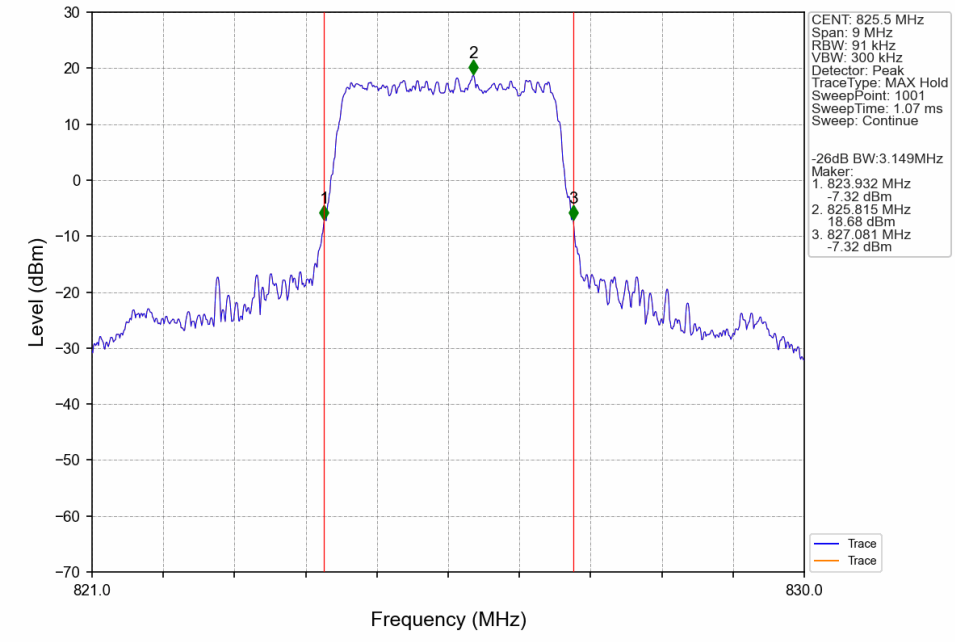
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



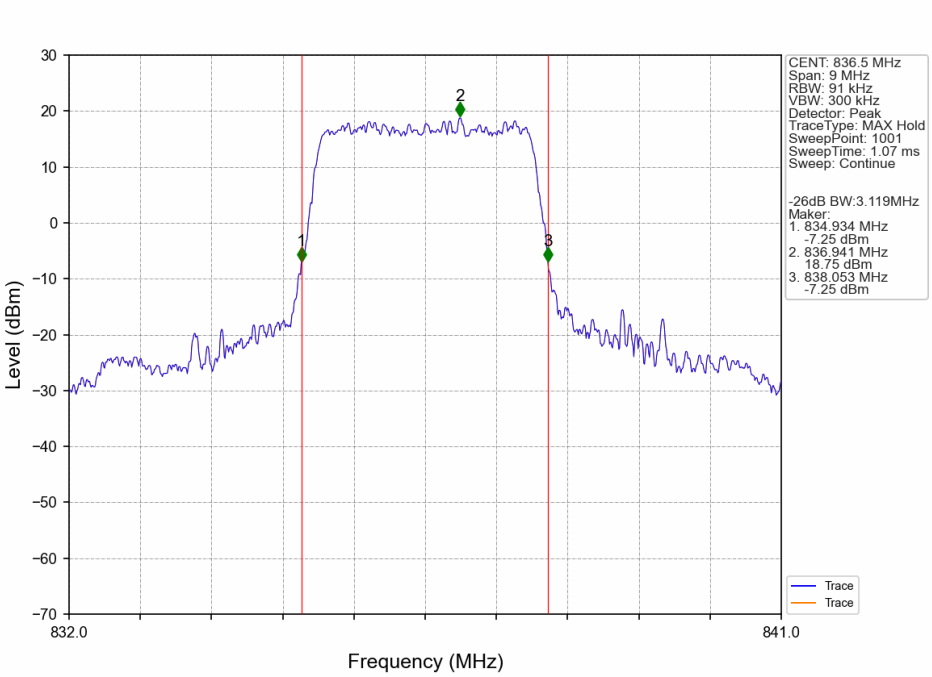
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



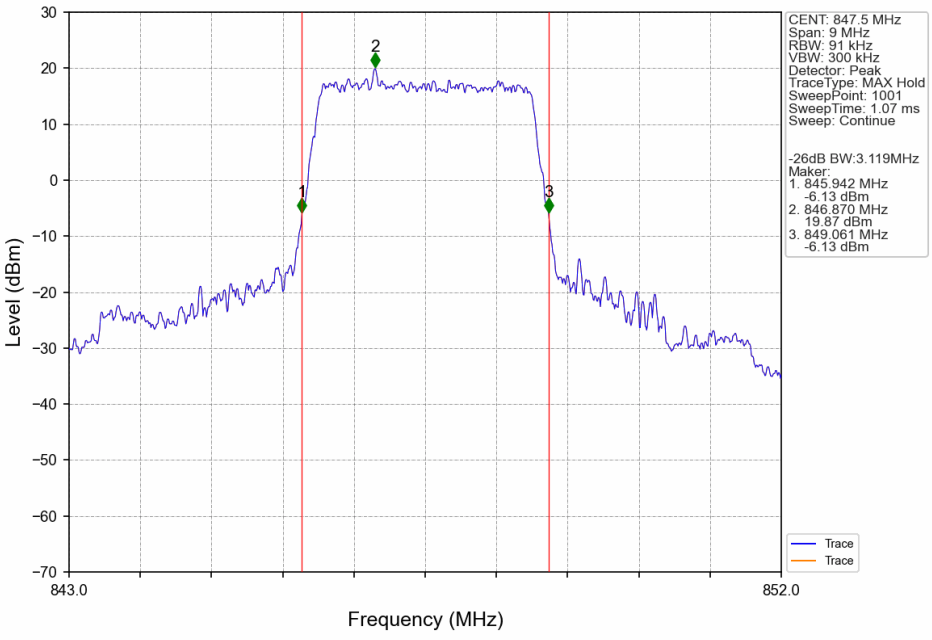
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



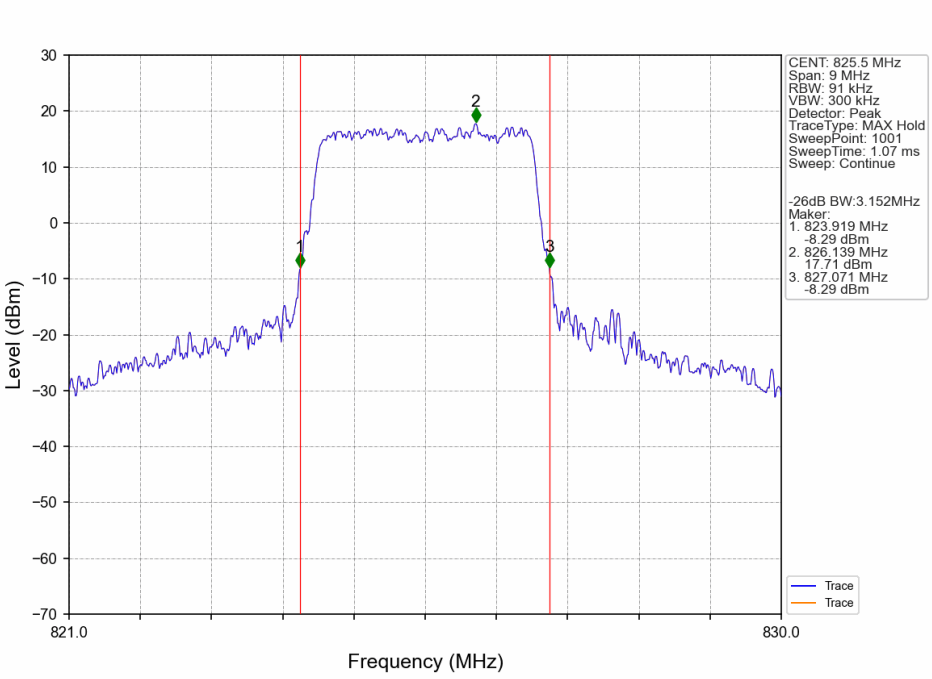
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



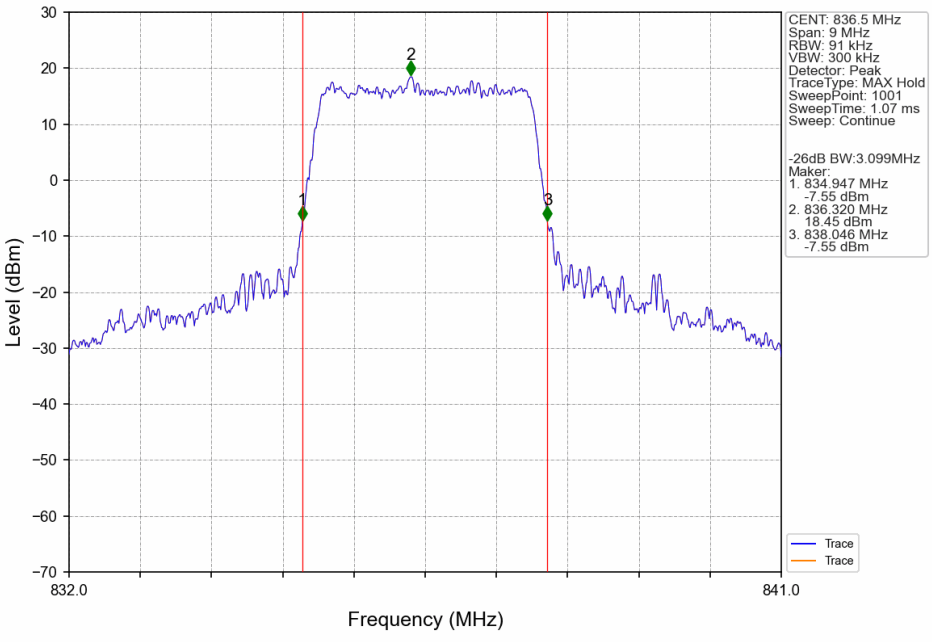
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



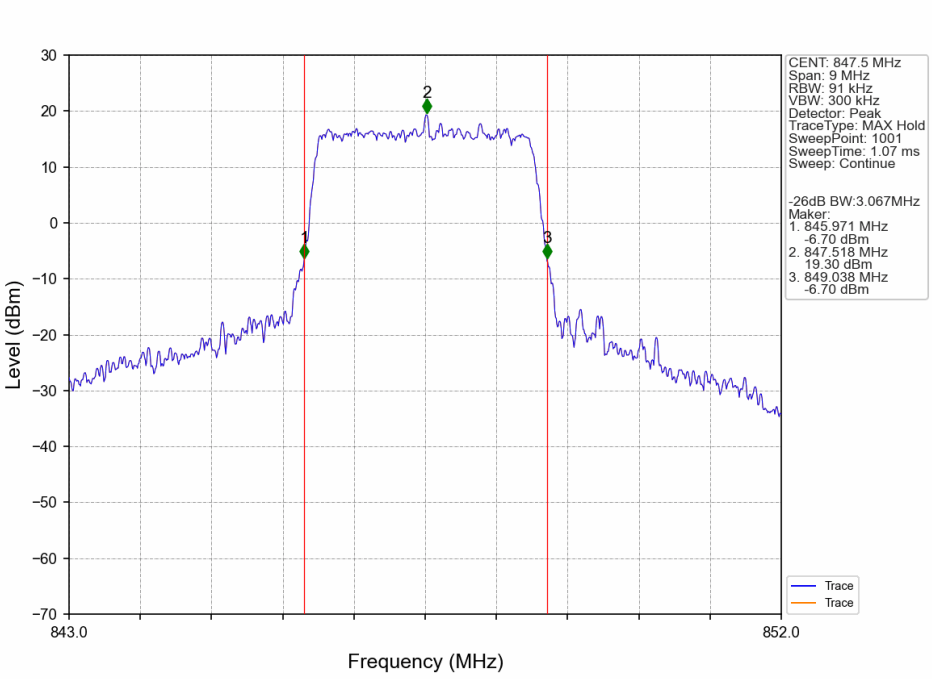
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



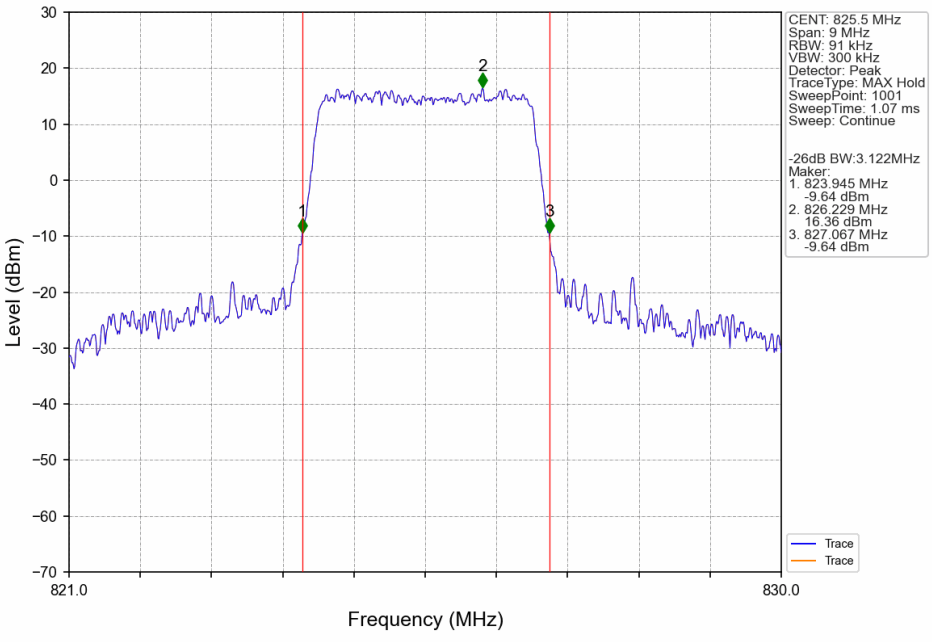
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



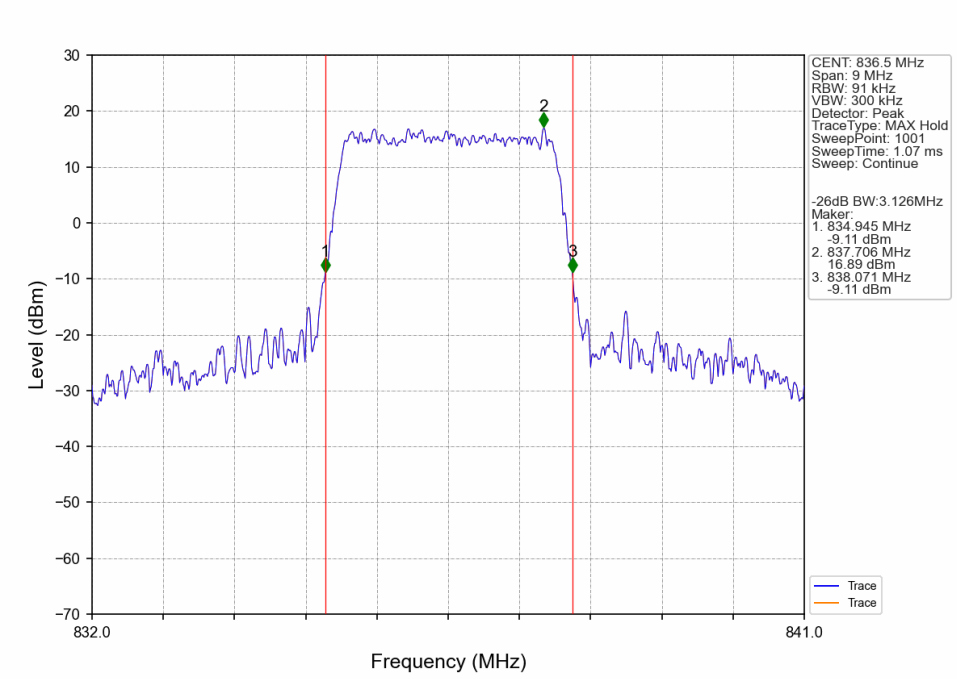
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



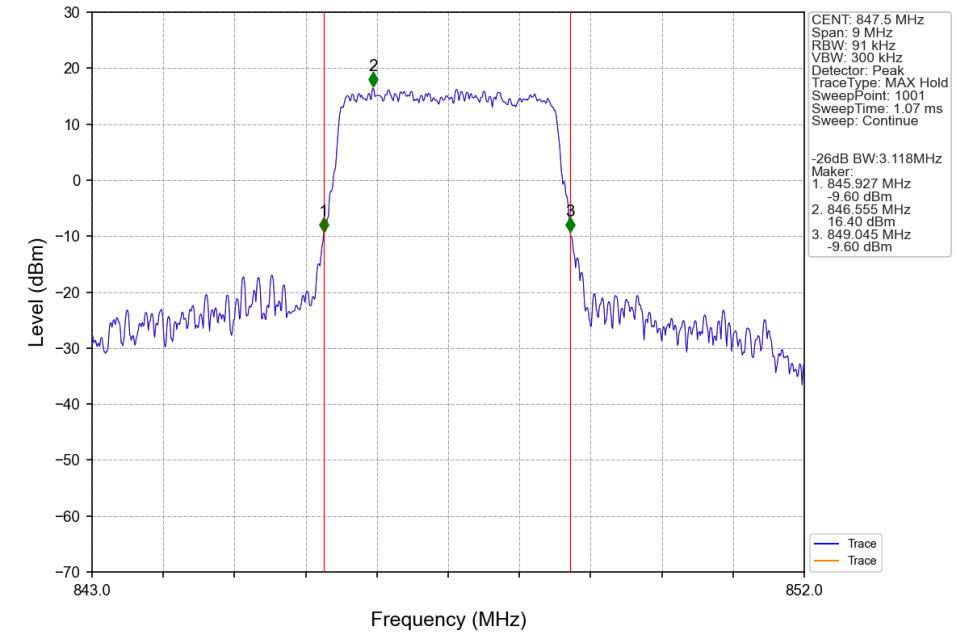
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



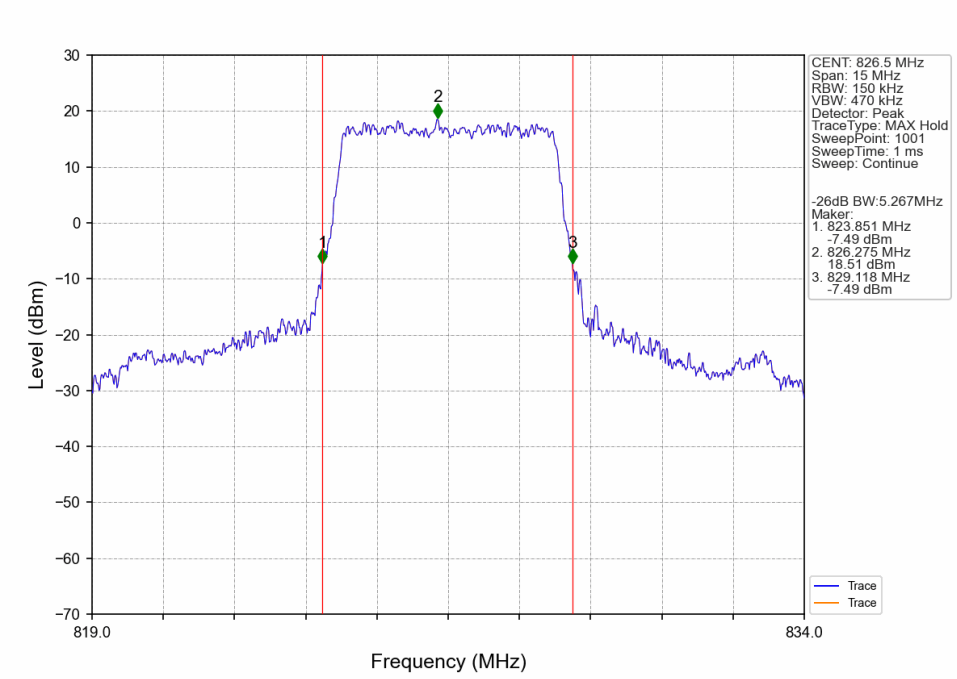
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



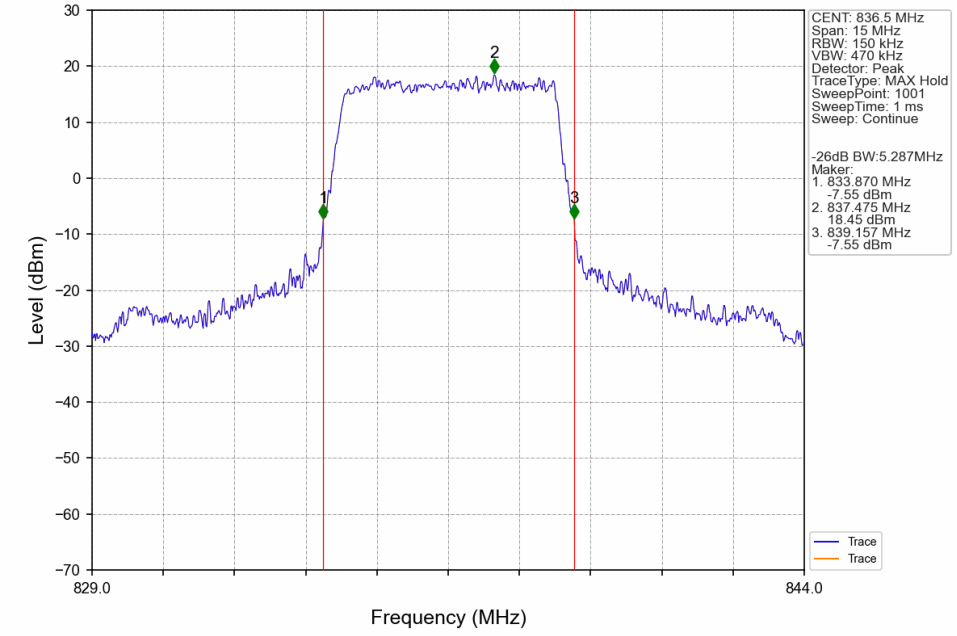
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



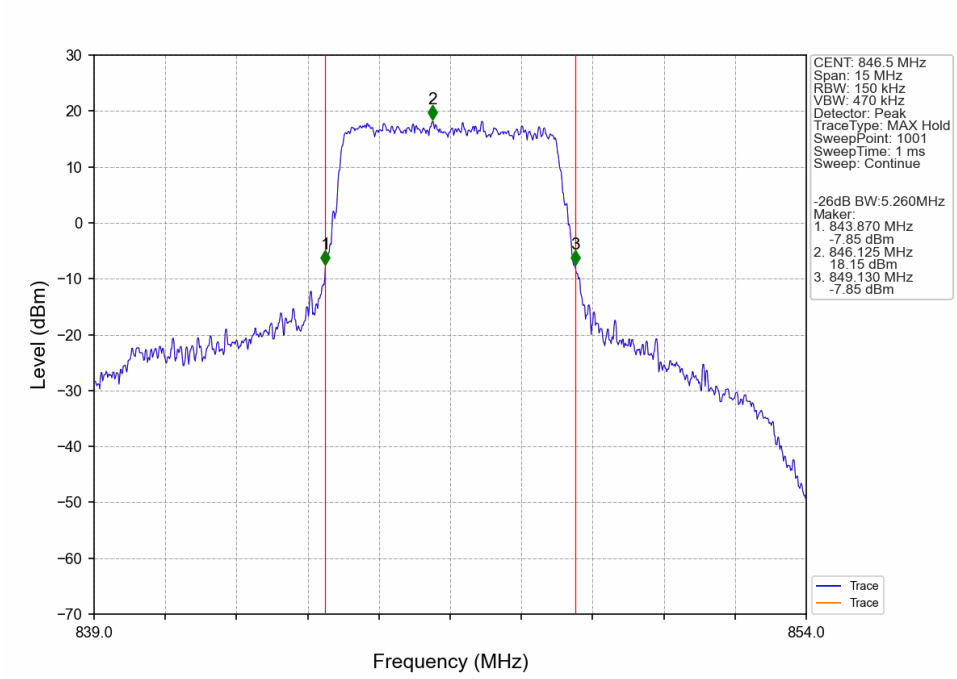
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



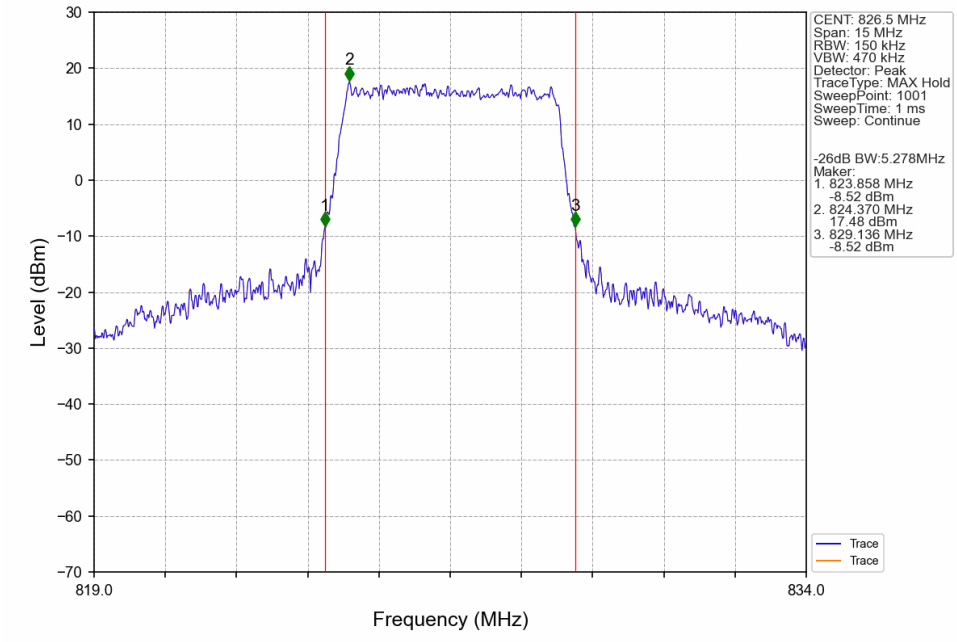
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



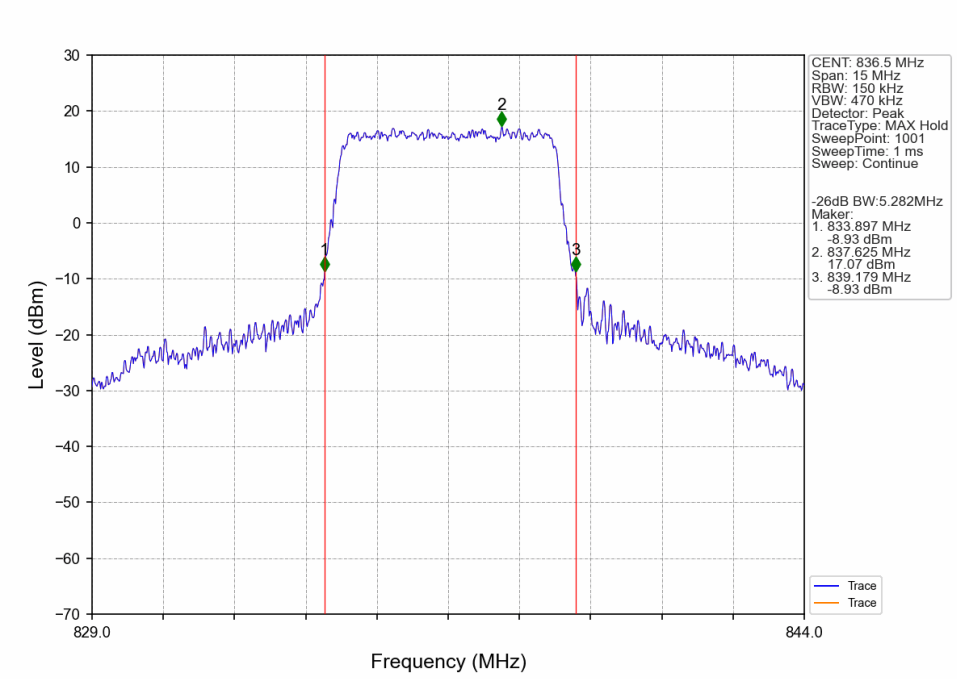
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



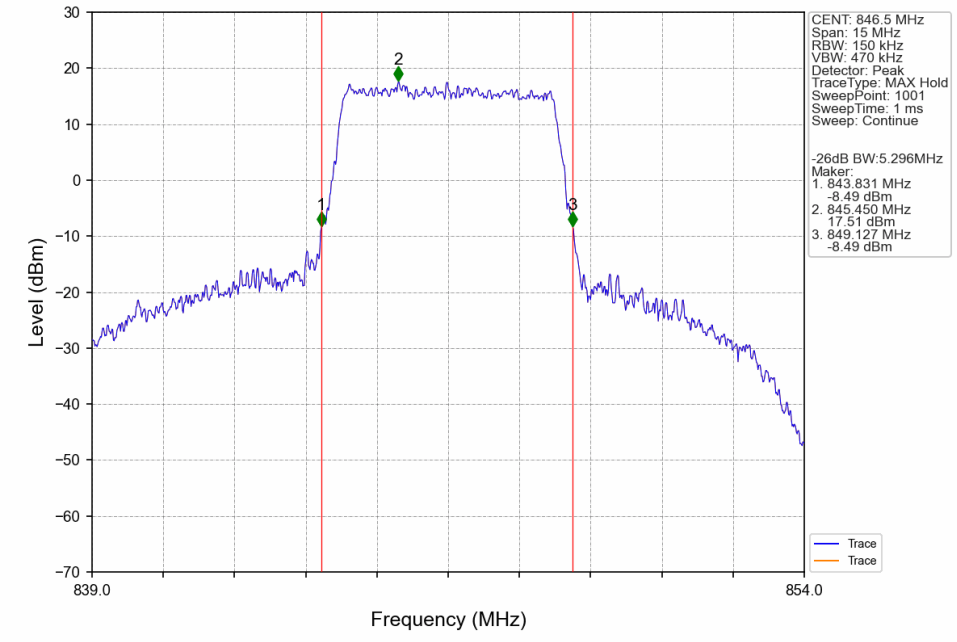
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



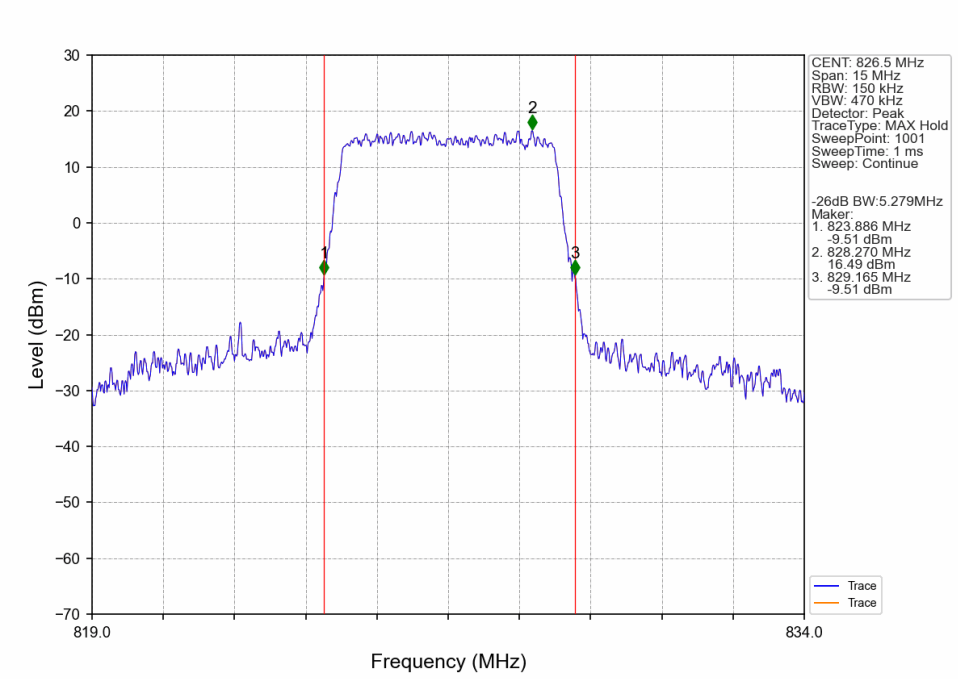
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



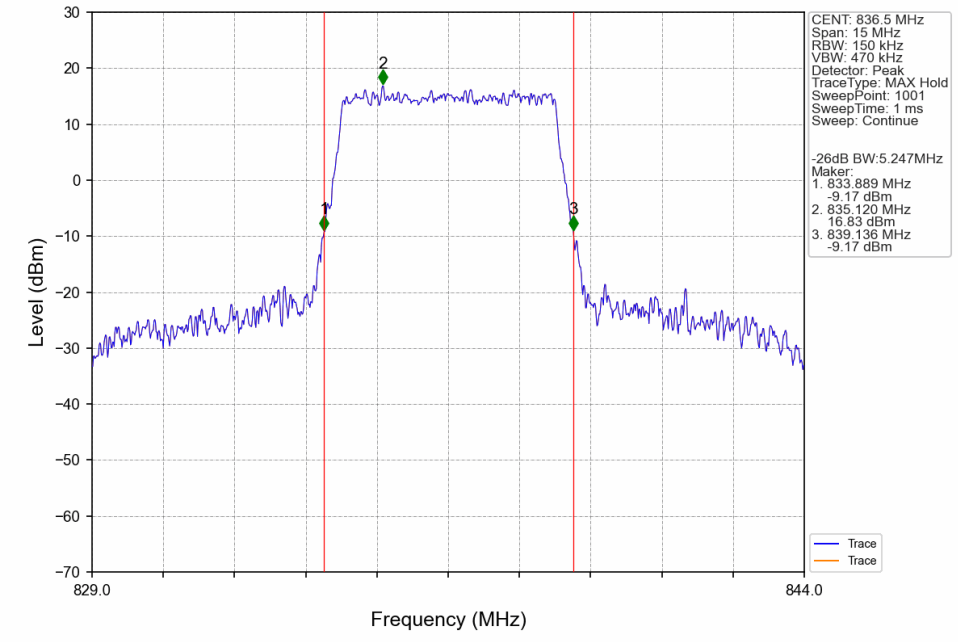
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



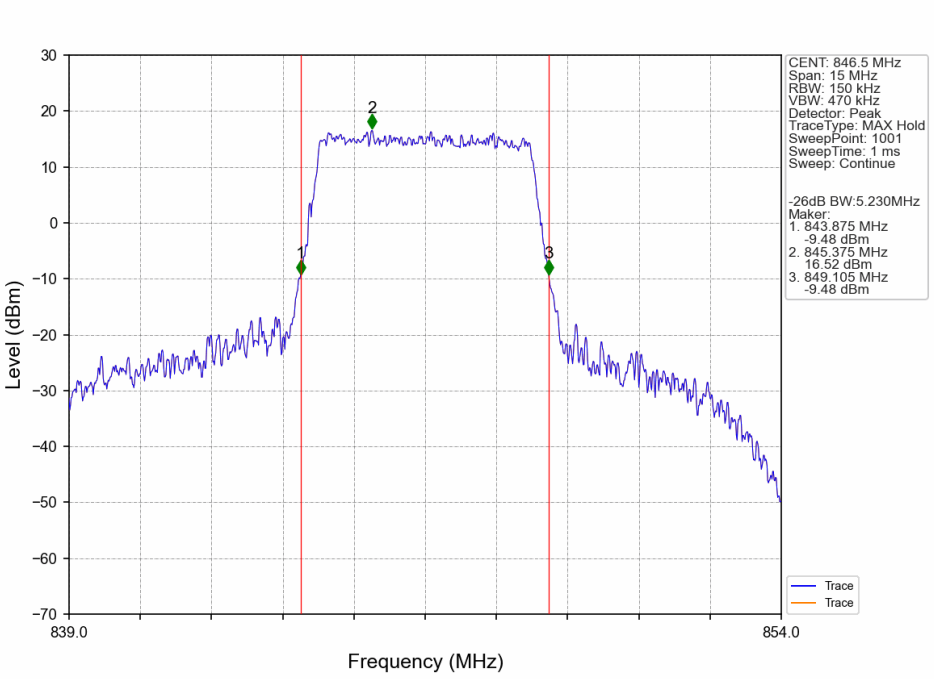
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



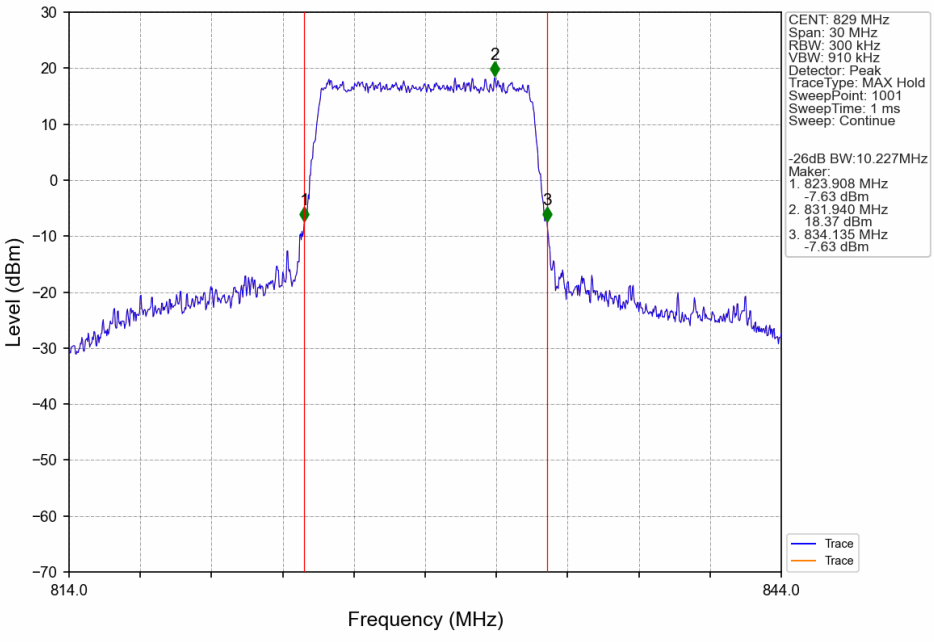
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



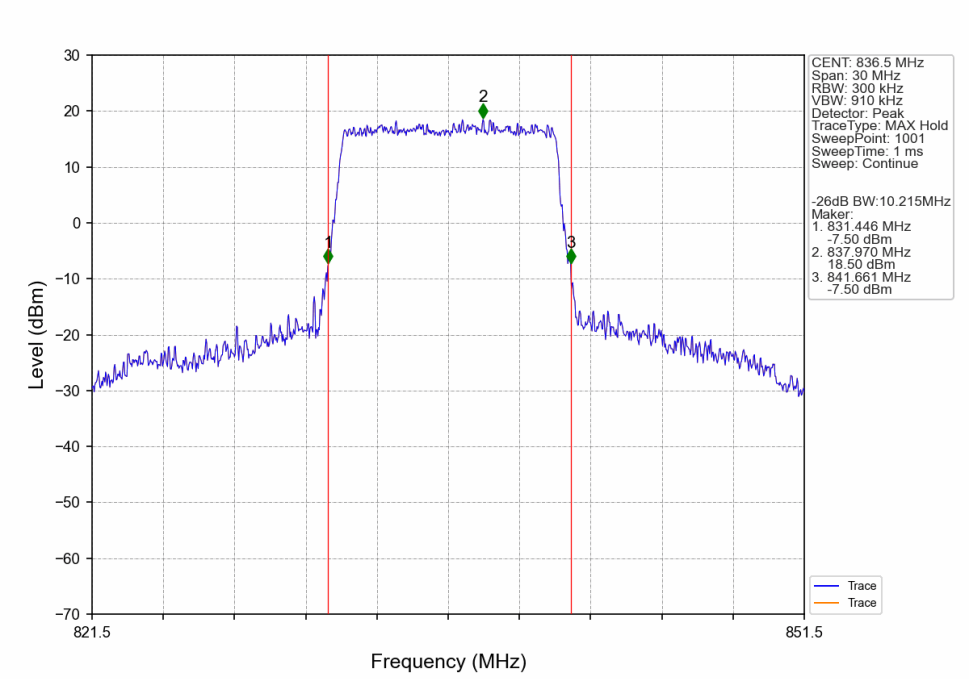
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



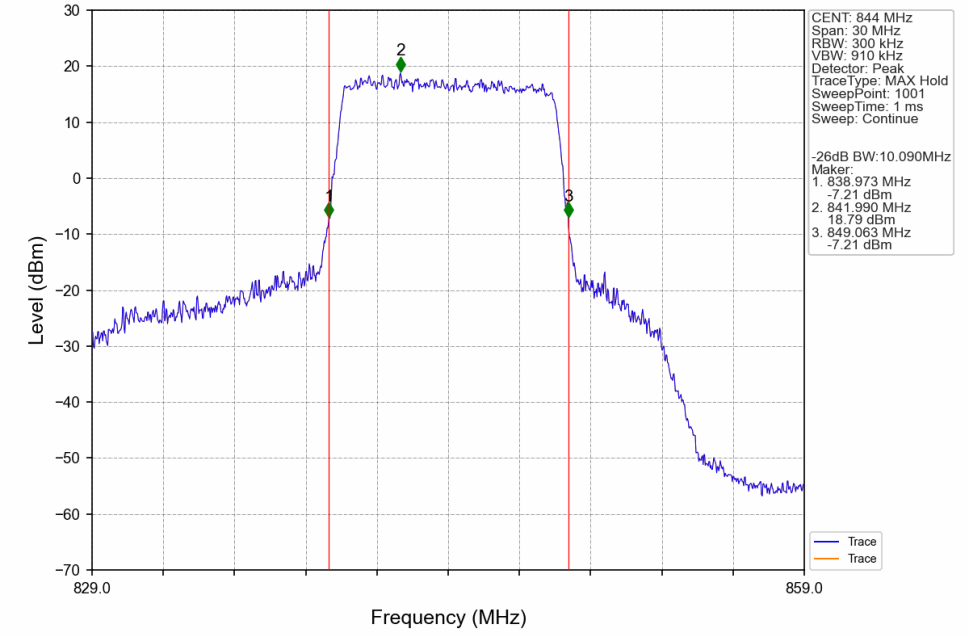
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



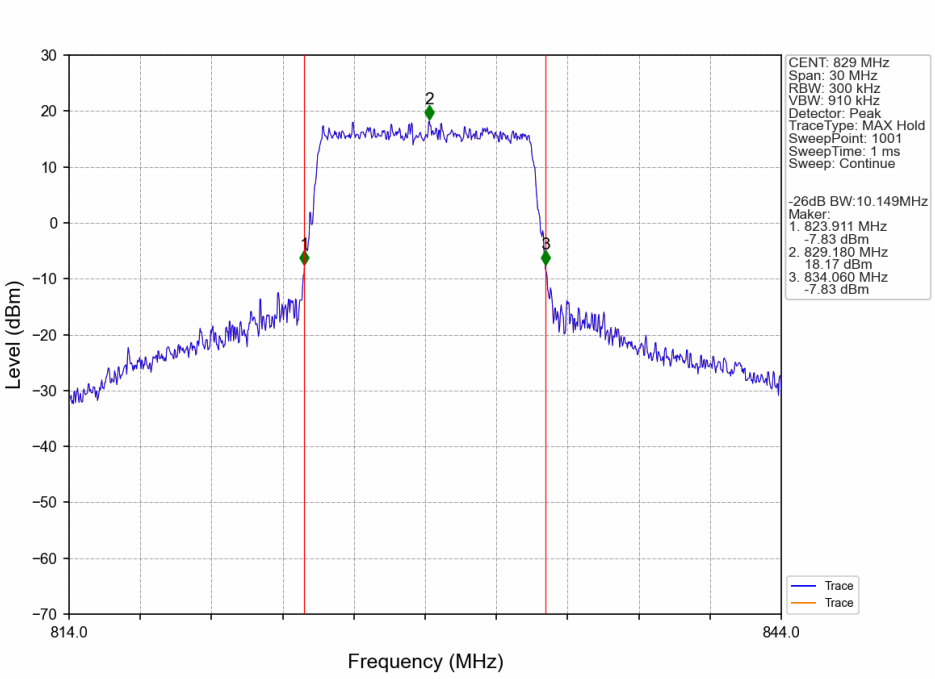
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



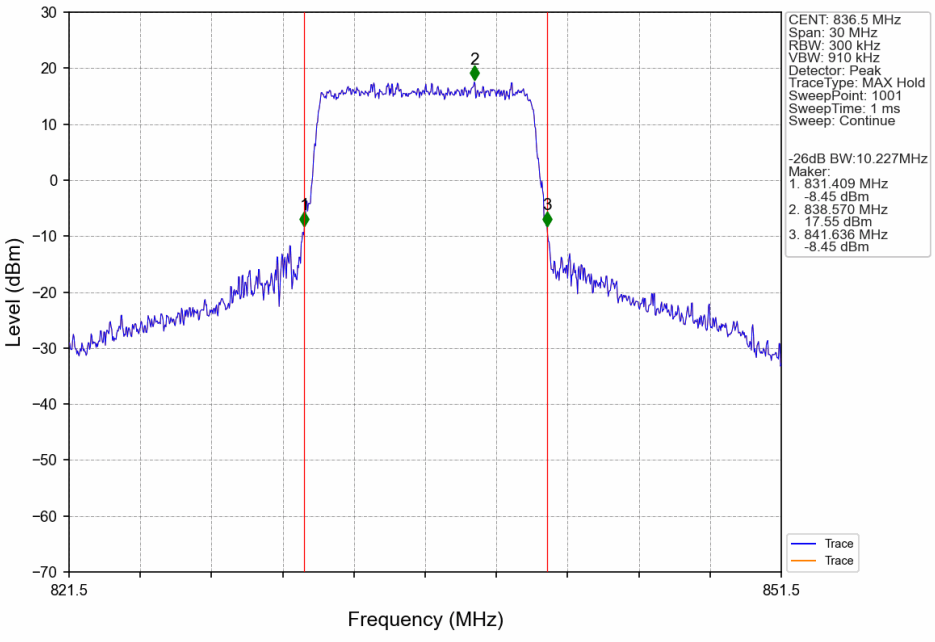
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



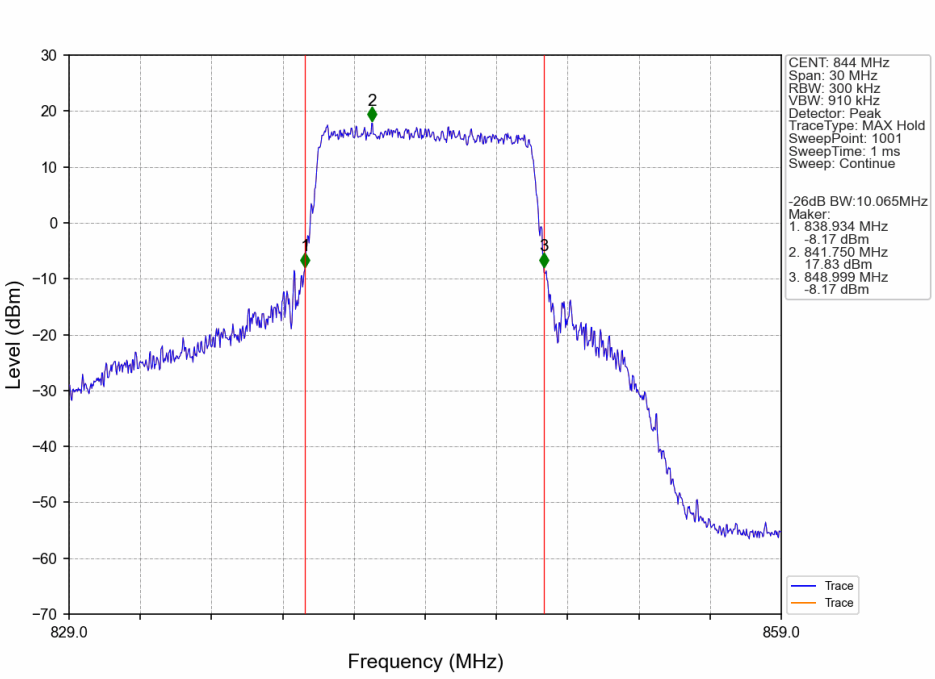
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



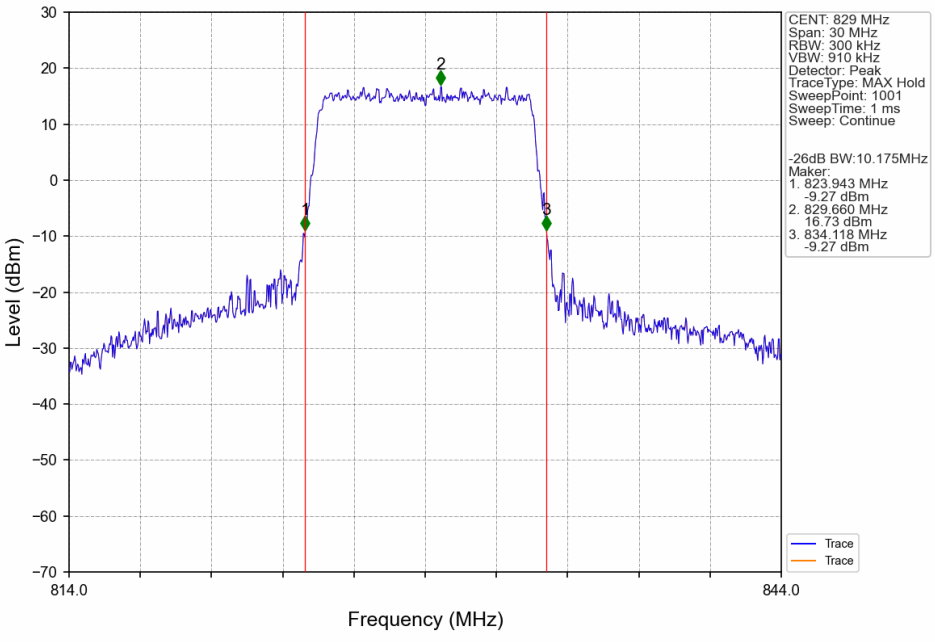
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



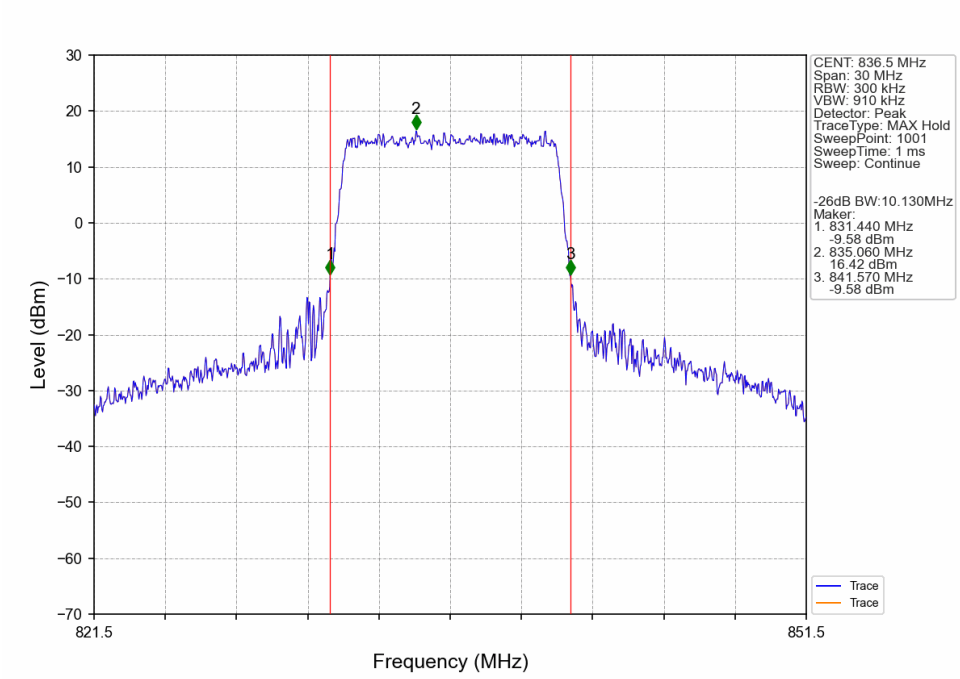
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



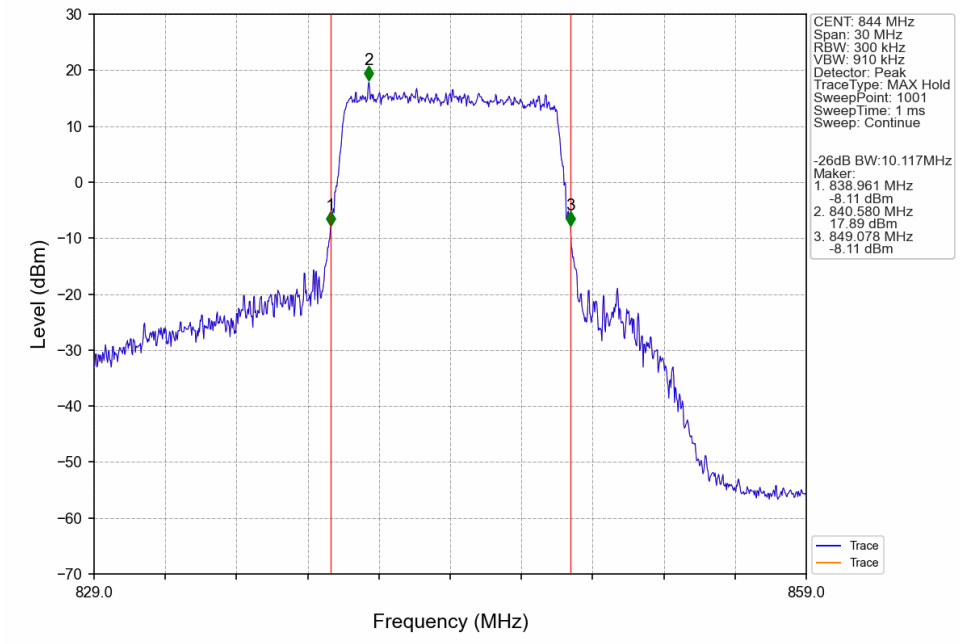
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B5_1.4MHz

Band: 5 / 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	4.84	<=13	Pass
	848.3	6	0	4.82	<=13	Pass
16QAM	824.7	6	0	5.87	<=13	Pass
	836.5	6	0	5.80	<=13	Pass
	848.3	6	0	5.78	<=13	Pass
64QAM	824.7	6	0	6.52	<=13	Pass
	836.5	6	0	6.47	<=13	Pass
	848.3	6	0	6.45	<=13	Pass

4.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.20	<=13	Pass
	836.5	15	0	5.11	<=13	Pass
	847.5	15	0	5.10	<=13	Pass
16QAM	825.5	15	0	6.12	<=13	Pass
	836.5	15	0	6.02	<=13	Pass
	847.5	15	0	6.01	<=13	Pass
64QAM	825.5	15	0	6.61	<=13	Pass
	836.5	15	0	6.55	<=13	Pass
	847.5	15	0	6.52	<=13	Pass

4.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.43	<=13	Pass
	836.5	25	0	5.35	<=13	Pass
	846.5	25	0	5.32	<=13	Pass
16QAM	826.5	25	0	6.27	<=13	Pass
	836.5	25	0	6.17	<=13	Pass
	846.5	25	0	6.16	<=13	Pass
64QAM	826.5	25	0	6.63	<=13	Pass
	836.5	25	0	6.55	<=13	Pass
	846.5	25	0	6.54	<=13	Pass

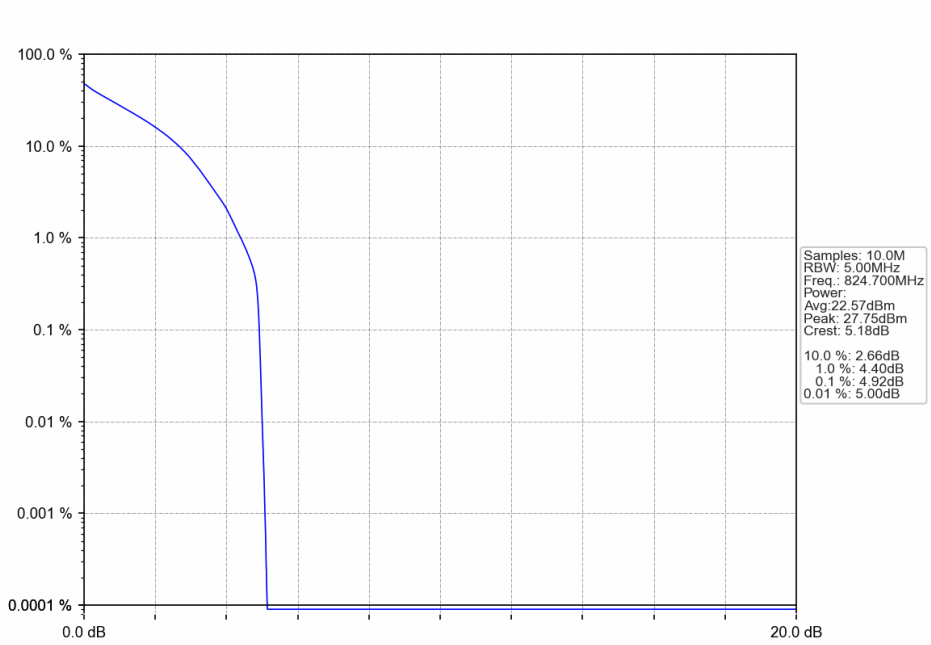
4.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.41	<=13	Pass
	836.5	50	0	5.34	<=13	Pass
	844	50	0	5.28	<=13	Pass
16QAM	829	50	0	6.23	<=13	Pass
	836.5	50	0	6.15	<=13	Pass
	844	50	0	6.10	<=13	Pass
64QAM	829	50	0	6.60	<=13	Pass
	836.5	50	0	6.53	<=13	Pass
	844	50	0	6.51	<=13	Pass

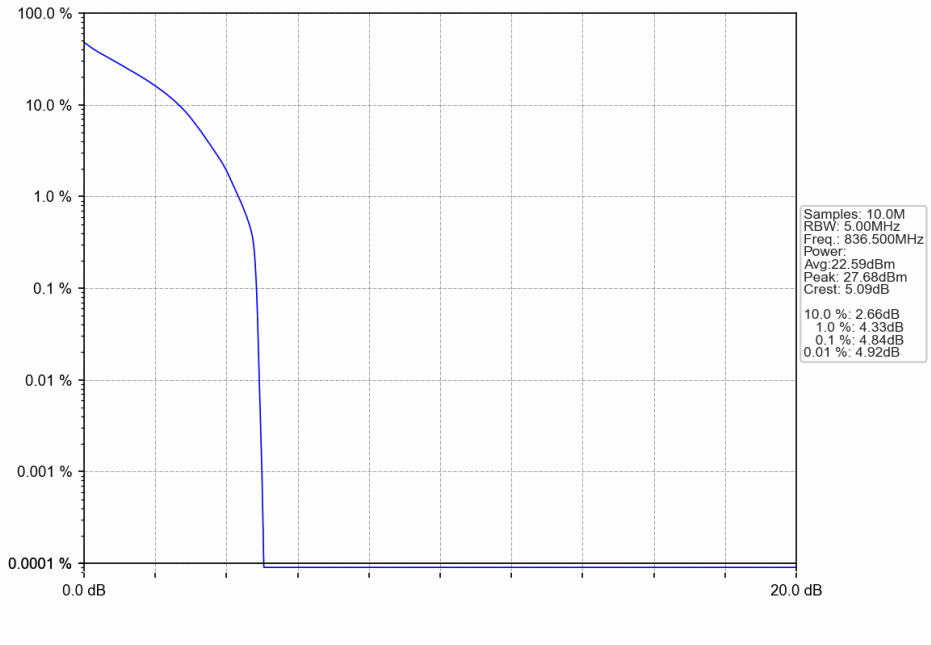
4.2 Test Graph

4.2.1 B5_1.4MHz

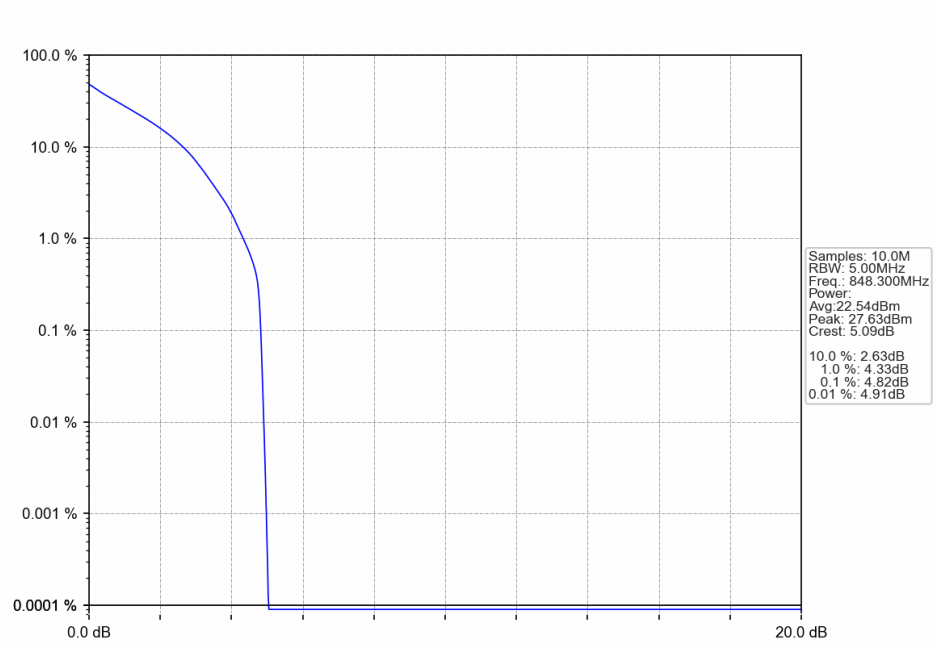
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



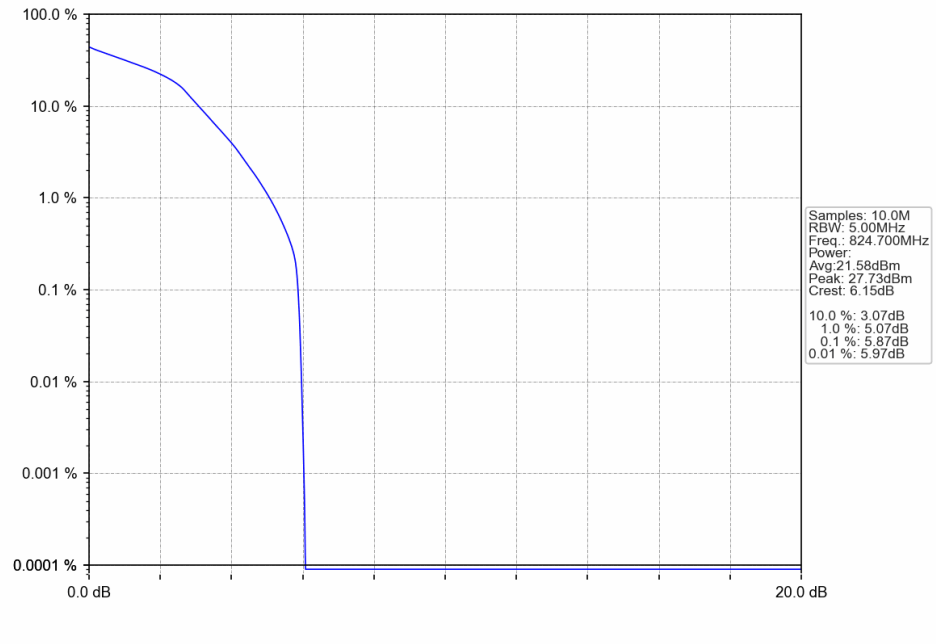
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



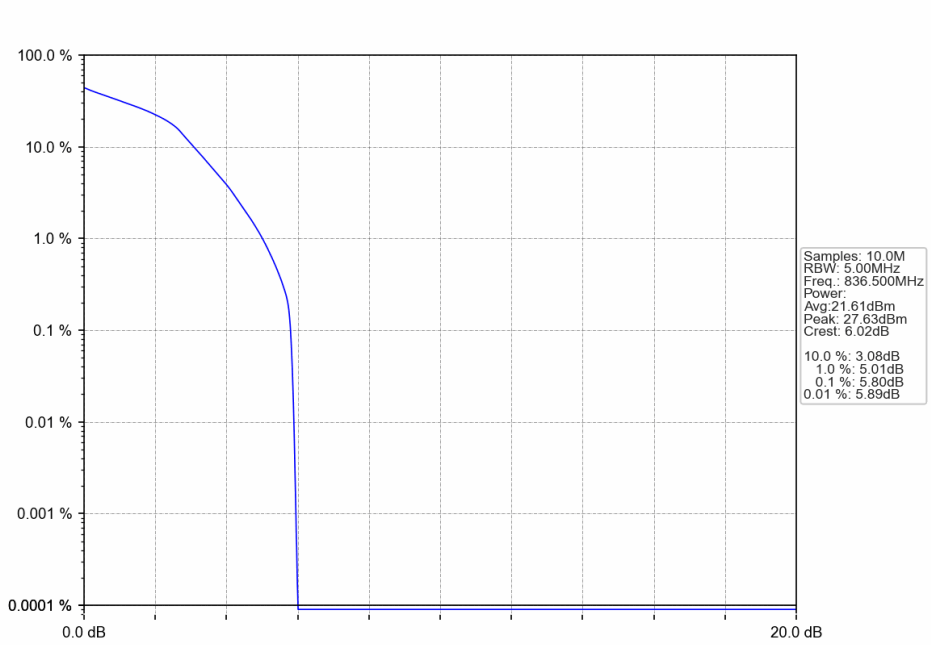
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV