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	24.03	-4.27	17.61	<=38.45	Pass
			2	24.10	-4.27	17.68	<=38.45	Pass
			5	23.98	-4.27	17.56	<=38.45	Pass
		3	0	24.08	-4.27	17.66	<=38.45	Pass
			2	23.76	-4.27	17.34	<=38.45	Pass
			3	23.64	-4.27	17.22	<=38.45	Pass
		6	0	22.66	-4.27	16.24	<=38.45	Pass
	836.5	1	0	23.59	-4.27	17.17	<=38.45	Pass
			2	23.68	-4.27	17.26	<=38.45	Pass
			5	23.56	-4.27	17.14	<=38.45	Pass
		3	0	23.64	-4.27	17.22	<=38.45	Pass
			2	23.64	-4.27	17.22	<=38.45	Pass
			3	23.66	-4.27	17.24	<=38.45	Pass
		6	0	22.70	-4.27	16.28	<=38.45	Pass
	848.3	1	0	23.54	-4.27	17.12	<=38.45	Pass
			2	23.58	-4.27	17.16	<=38.45	Pass
			5	23.48	-4.27	17.06	<=38.45	Pass
		3	0	23.61	-4.27	17.19	<=38.45	Pass
			2	23.54	-4.27	17.12	<=38.45	Pass
			3	23.55	-4.27	17.13	<=38.45	Pass
		6	0	22.65	-4.27	16.23	<=38.45	Pass
16QAM	824.7	1	0	22.62	-4.27	16.20	<=38.45	Pass
			2	22.73	-4.27	16.31	<=38.45	Pass
			5	22.64	-4.27	16.22	<=38.45	Pass
		3	0	22.63	-4.27	16.21	<=38.45	Pass
			2	22.60	-4.27	16.18	<=38.45	Pass
			3	22.62	-4.27	16.20	<=38.45	Pass
		6	0	21.60	-4.27	15.18	<=38.45	Pass
	836.5	1	0	22.59	-4.27	16.17	<=38.45	Pass
			2	22.73	-4.27	16.31	<=38.45	Pass
			5	22.67	-4.27	16.25	<=38.45	Pass
		3	0	22.64	-4.27	16.22	<=38.45	Pass
			2	22.63	-4.27	16.21	<=38.45	Pass
			3	22.65	-4.27	16.23	<=38.45	Pass
		6	0	21.83	-4.27	15.41	<=38.45	Pass
	848.3	1	0	22.81	-4.27	16.39	<=38.45	Pass
			2	22.90	-4.27	16.48	<=38.45	Pass
			5	22.80	-4.27	16.38	<=38.45	Pass
		3	0	22.72	-4.27	16.30	<=38.45	Pass
			2	22.65	-4.27	16.23	<=38.45	Pass
			3	22.66	-4.27	16.24	<=38.45	Pass
		6	0	21.67	-4.27	15.25	<=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	23.43	-4.27	17.01	<=38.45	Pass
			7	23.44	-4.27	17.02	<=38.45	Pass
			14	23.34	-4.27	16.92	<=38.45	Pass
		8	0	22.58	-4.27	16.16	<=38.45	Pass
			4	22.61	-4.27	16.19	<=38.45	Pass
			7	22.55	-4.27	16.13	<=38.45	Pass
		15	0	22.54	-4.27	16.12	<=38.45	Pass
	836.5	1	0	23.42	-4.27	17.00	<=38.45	Pass
			7	23.54	-4.27	17.12	<=38.45	Pass
			14	23.42	-4.27	17.00	<=38.45	Pass
		8	0	22.55	-4.27	16.13	<=38.45	Pass
			4	22.68	-4.27	16.26	<=38.45	Pass
			7	22.63	-4.27	16.21	<=38.45	Pass
		15	0	22.63	-4.27	16.21	<=38.45	Pass
	847.5	1	0	23.38	-4.27	16.96	<=38.45	Pass
			7	23.56	-4.27	17.14	<=38.45	Pass
			14	23.40	-4.27	16.98	<=38.45	Pass
		8	0	22.61	-4.27	16.19	<=38.45	Pass
			4	22.68	-4.27	16.26	<=38.45	Pass
			7	22.62	-4.27	16.20	<=38.45	Pass
		15	0	22.62	-4.27	16.20	<=38.45	Pass
16QAM	825.5	1	0	22.49	-4.27	16.07	<=38.45	Pass
			7	22.61	-4.27	16.19	<=38.45	Pass
			14	22.54	-4.27	16.12	<=38.45	Pass
		8	0	21.73	-4.27	15.31	<=38.45	Pass
			4	21.77	-4.27	15.35	<=38.45	Pass
			7	21.71	-4.27	15.29	<=38.45	Pass
		15	0	21.57	-4.27	15.15	<=38.45	Pass
	836.5	1	0	22.68	-4.27	16.26	<=38.45	Pass
			7	22.75	-4.27	16.33	<=38.45	Pass
			14	22.56	-4.27	16.14	<=38.45	Pass
		8	0	21.63	-4.27	15.21	<=38.45	Pass
			4	21.66	-4.27	15.24	<=38.45	Pass
			7	21.65	-4.27	15.23	<=38.45	Pass
		15	0	21.66	-4.27	15.24	<=38.45	Pass
	847.5	1	0	22.51	-4.27	16.09	<=38.45	Pass
			7	22.61	-4.27	16.19	<=38.45	Pass
			14	22.43	-4.27	16.01	<=38.45	Pass
		8	0	21.69	-4.27	15.27	<=38.45	Pass
			4	21.80	-4.27	15.38	<=38.45	Pass
			7	21.75	-4.27	15.33	<=38.45	Pass
		15	0	21.62	-4.27	15.20	<=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	23.61	-4.27	17.19	<=38.45	Pass
			13	23.74	-4.27	17.32	<=38.45	Pass
			24	23.61	-4.27	17.19	<=38.45	Pass
		12	0	22.63	-4.27	16.21	<=38.45	Pass
			6	22.63	-4.27	16.21	<=38.45	Pass
			13	22.53	-4.27	16.11	<=38.45	Pass

		25	0	22.57	-4.27	16.15	<=38.45	Pass
	836.5	1	0	23.71	-4.27	17.29	<=38.45	Pass
			13	23.74	-4.27	17.32	<=38.45	Pass
			24	23.70	-4.27	17.28	<=38.45	Pass
		12	0	22.62	-4.27	16.20	<=38.45	Pass
			6	22.73	-4.27	16.31	<=38.45	Pass
			13	22.71	-4.27	16.29	<=38.45	Pass
		25	0	22.65	-4.27	16.23	<=38.45	Pass
	846.5	1	0	23.61	-4.27	17.19	<=38.45	Pass
			13	23.74	-4.27	17.32	<=38.45	Pass
			24	23.59	-4.27	17.17	<=38.45	Pass
		12	0	22.66	-4.27	16.24	<=38.45	Pass
			6	22.69	-4.27	16.27	<=38.45	Pass
			13	22.71	-4.27	16.29	<=38.45	Pass
		25	0	22.71	-4.27	16.29	<=38.45	Pass
16QAM	826.5	1	0	22.85	-4.27	16.43	<=38.45	Pass
			13	22.95	-4.27	16.53	<=38.45	Pass
			24	22.84	-4.27	16.42	<=38.45	Pass
		12	0	21.55	-4.27	15.13	<=38.45	Pass
			6	21.58	-4.27	15.16	<=38.45	Pass
			13	21.50	-4.27	15.08	<=38.45	Pass
		25	0	21.60	-4.27	15.18	<=38.45	Pass
	836.5	1	0	22.82	-4.27	16.40	<=38.45	Pass
			13	22.96	-4.27	16.54	<=38.45	Pass
			24	22.84	-4.27	16.42	<=38.45	Pass
		12	0	21.57	-4.27	15.15	<=38.45	Pass
			6	21.67	-4.27	15.25	<=38.45	Pass
			13	21.69	-4.27	15.27	<=38.45	Pass
		25	0	21.69	-4.27	15.27	<=38.45	Pass
	846.5	1	0	22.80	-4.27	16.38	<=38.45	Pass
			13	22.94	-4.27	16.52	<=38.45	Pass
			24	22.84	-4.27	16.42	<=38.45	Pass
		12	0	21.68	-4.27	15.26	<=38.45	Pass
			6	21.76	-4.27	15.34	<=38.45	Pass
			13	21.75	-4.27	15.33	<=38.45	Pass
		25	0	21.70	-4.27	15.28	<=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	23.65	-4.27	17.23	<=38.45	Pass
			25	23.68	-4.27	17.26	<=38.45	Pass
			49	23.76	-4.27	17.34	<=38.45	Pass
		25	0	22.64	-4.27	16.22	<=38.45	Pass
			13	22.63	-4.27	16.21	<=38.45	Pass
			25	22.61	-4.27	16.19	<=38.45	Pass
		50	0	22.65	-4.27	16.23	<=38.45	Pass
	836.5	1	0	23.67	-4.27	17.25	<=38.45	Pass
			25	23.77	-4.27	17.35	<=38.45	Pass
			49	23.70	-4.27	17.28	<=38.45	Pass
		25	0	22.53	-4.27	16.11	<=38.45	Pass
			13	22.75	-4.27	16.33	<=38.45	Pass
			25	22.73	-4.27	16.31	<=38.45	Pass
		50	0	22.70	-4.27	16.28	<=38.45	Pass

	844	1	0	23.68	-4.27	17.26	<=38.45	Pass
			25	23.69	-4.27	17.27	<=38.45	Pass
			49	23.70	-4.27	17.28	<=38.45	Pass
		25	0	22.79	-4.27	16.37	<=38.45	Pass
			13	22.67	-4.27	16.25	<=38.45	Pass
			25	22.68	-4.27	16.26	<=38.45	Pass
		50	0	22.77	-4.27	16.35	<=38.45	Pass
16QAM	829	1	0	22.71	-4.27	16.29	<=38.45	Pass
			25	22.70	-4.27	16.28	<=38.45	Pass
			49	22.74	-4.27	16.32	<=38.45	Pass
		25	0	21.69	-4.27	15.27	<=38.45	Pass
			13	21.68	-4.27	15.26	<=38.45	Pass
			25	21.67	-4.27	15.25	<=38.45	Pass
		50	0	21.66	-4.27	15.24	<=38.45	Pass
	836.5	1	0	22.87	-4.27	16.45	<=38.45	Pass
			25	22.92	-4.27	16.50	<=38.45	Pass
			49	22.94	-4.27	16.52	<=38.45	Pass
		25	0	21.64	-4.27	15.22	<=38.45	Pass
			13	21.80	-4.27	15.38	<=38.45	Pass
			25	21.80	-4.27	15.38	<=38.45	Pass
		50	0	21.60	-4.27	15.18	<=38.45	Pass
	844	1	0	22.88	-4.27	16.46	<=38.45	Pass
			25	22.87	-4.27	16.45	<=38.45	Pass
			49	22.90	-4.27	16.48	<=38.45	Pass
		25	0	21.78	-4.27	15.36	<=38.45	Pass
			13	21.71	-4.27	15.29	<=38.45	Pass
			25	21.71	-4.27	15.29	<=38.45	Pass
		50	0	21.70	-4.27	15.28	<=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	3.27	-3.519	-0.0043	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
					4.43	1.488	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	3.247	0.0039	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				0	3.85	-7.696	-0.0093	-2.5 to 2.5	Pass
				10	3.85	2.303	0.0028	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
				50	3.85	4.263	0.0052	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-2.360	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0056	-2.5 to 2.5	Pass
					4.43	-3.934	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.593	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	3.419	0.0041	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0018	-2.5 to 2.5	Pass

				0	3.85	-12.631	-0.0151	-2.5 to 2.5	Pass
				10	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				30	3.85	1.259	0.0015	-2.5 to 2.5	Pass
				40	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-13.762	-0.0162	-2.5 to 2.5	Pass
					3.85	4.048	0.0048	-2.5 to 2.5	Pass
					4.43	-1.245	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	3.448	0.0041	-2.5 to 2.5	Pass
				-20	3.85	4.406	0.0052	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-5.093	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0090	-2.5 to 2.5	Pass
				30	3.85	1.073	0.0013	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0014	-2.5 to 2.5	Pass
				50	3.85	-9.027	-0.0106	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.802	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.561	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-7.381	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.749	-0.0058	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-5.364	-0.0064	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0022	-2.5 to 2.5	Pass
					4.43	1.731	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	0.587	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.775	-0.0033	-2.5 to 2.5	Pass
				0	3.85	0.772	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.332	0.0028	-2.5 to 2.5	Pass
				30	3.85	2.689	0.0032	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0007	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-6.924	-0.0082	-2.5 to 2.5	Pass
					3.85	-10.200	-0.0120	-2.5 to 2.5	Pass
					4.43	1.874	0.0022	-2.5 to 2.5	Pass
				-30	3.85	0.844	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-7.925	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0033	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.817	0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				50	3.85	3.333	0.0039	-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	3.27	-7.067	-0.0086	-2.5 to 2.5	Pass
					3.85	-4.091	-0.0050	-2.5 to 2.5	Pass

					4.43	5.422	0.0066	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				30	3.85	7.510	0.0091	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0045	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-6.037	-0.0072	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
					4.43	6.824	0.0082	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-11.873	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	2.146	0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				10	3.85	2.289	0.0027	-2.5 to 2.5	Pass
				30	3.85	-10.743	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-6.294	-0.0075	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-9.527	-0.0112	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0064	-2.5 to 2.5	Pass
					4.43	2.518	0.0030	-2.5 to 2.5	Pass
				-30	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-3.905	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-4.749	-0.0056	-2.5 to 2.5	Pass
				40	3.85	1.745	0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	5.908	0.0072	-2.5 to 2.5	Pass
					3.85	4.249	0.0051	-2.5 to 2.5	Pass
					4.43	-1.388	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0015	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0021	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0098	-2.5 to 2.5	Pass
				30	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				40	3.85	-6.781	-0.0082	-2.5 to 2.5	Pass
				50	3.85	1.330	0.0016	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	2.947	0.0035	-2.5 to 2.5	Pass
					3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.596	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0107	-2.5 to 2.5	Pass
				30	3.85	-10.228	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-9.642	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.518	-0.0030	-2.5 to 2.5	Pass
					3.85	2.489	0.0029	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.903	-0.0022	-2.5 to 2.5	Pass

				0	3.85	-1.903	-0.0022	-2.5 to 2.5	Pass
				10	3.85	2.060	0.0024	-2.5 to 2.5	Pass
				30	3.85	3.333	0.0039	-2.5 to 2.5	Pass
				40	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0109	-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	3.27	0.758	0.0009	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-4.606	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.762	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass
				30	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.987	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.117	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.576	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-7.582	-0.0091	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.144	0.0014	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-1.545	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0052	-2.5 to 2.5	Pass
					4.43	4.363	0.0052	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	1.903	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.362	-0.0040	-2.5 to 2.5	Pass
				0	3.85	1.302	0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0034	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				40	3.85	-6.967	-0.0082	-2.5 to 2.5	Pass
				50	3.85	1.731	0.0020	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-2.403	-0.0029	-2.5 to 2.5	Pass
					3.85	0.601	0.0007	-2.5 to 2.5	Pass
					4.43	0.787	0.0010	-2.5 to 2.5	Pass
				-30	3.85	2.432	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	1.059	0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-6.409	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
				50	3.85	2.460	0.0030	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-7.839	-0.0094	-2.5 to 2.5	Pass
					3.85	3.204	0.0038	-2.5 to 2.5	Pass

					4.43	3.290	0.0039	-2.5 to 2.5	Pass
				-30	3.85	-8.383	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-2.904	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-8.082	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	2.303	0.0027	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0081	-2.5 to 2.5	Pass
					4.43	-1.202	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	4.420	0.0052	-2.5 to 2.5	Pass
				-10	3.85	-6.166	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-9.112	-0.0108	-2.5 to 2.5	Pass
				10	3.85	1.001	0.0012	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0083	-2.5 to 2.5	Pass
				40	3.85	2.518	0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0039	-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	3.27	-4.821	-0.0058	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-5.622	-0.0068	-2.5 to 2.5	Pass
				50	3.85	1.416	0.0017	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-3.777	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-7.396	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-3.734	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
	844	50	0	20	3.27	2.074	0.0025	-2.5 to 2.5	Pass
					3.85	-5.507	-0.0065	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-3.247	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.360	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0036	-2.5 to 2.5	Pass

				40	3.85	-6.580	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0066	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
					4.43	-2.217	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-3.948	-0.0047	-2.5 to 2.5	Pass
					3.85	-4.678	-0.0056	-2.5 to 2.5	Pass
					4.43	-2.418	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.645	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0002	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-2.518	-0.0030	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.302	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-6.123	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-2.618	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.545	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0036	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass

16QAM	836.5	15	0	Refer To Test Graph	Pass

3.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

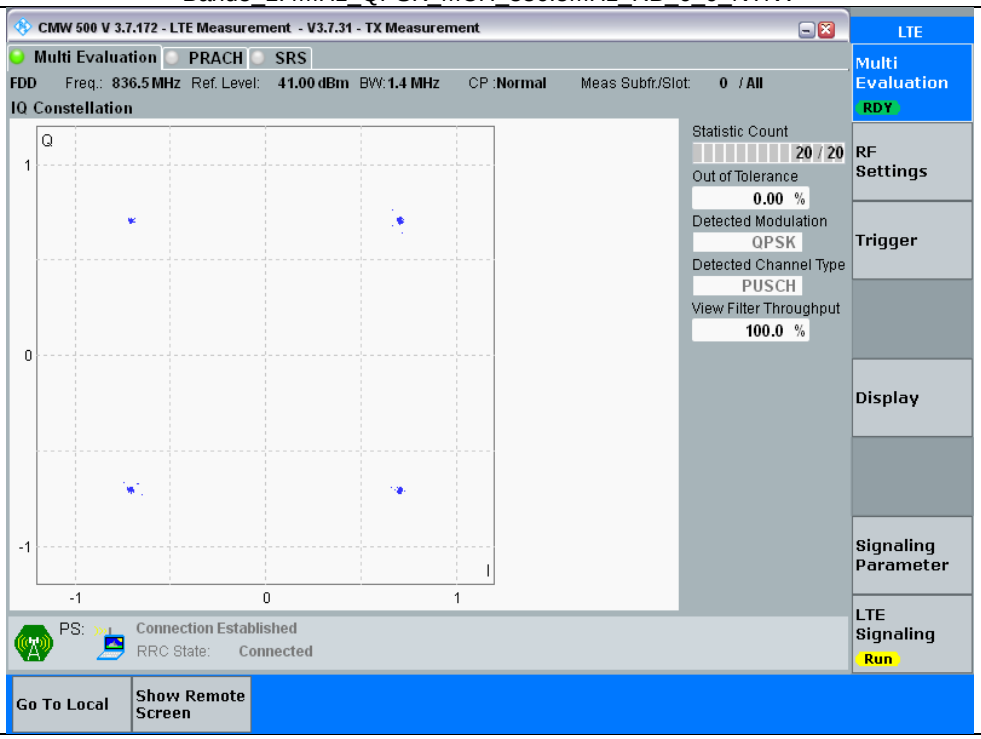
3.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

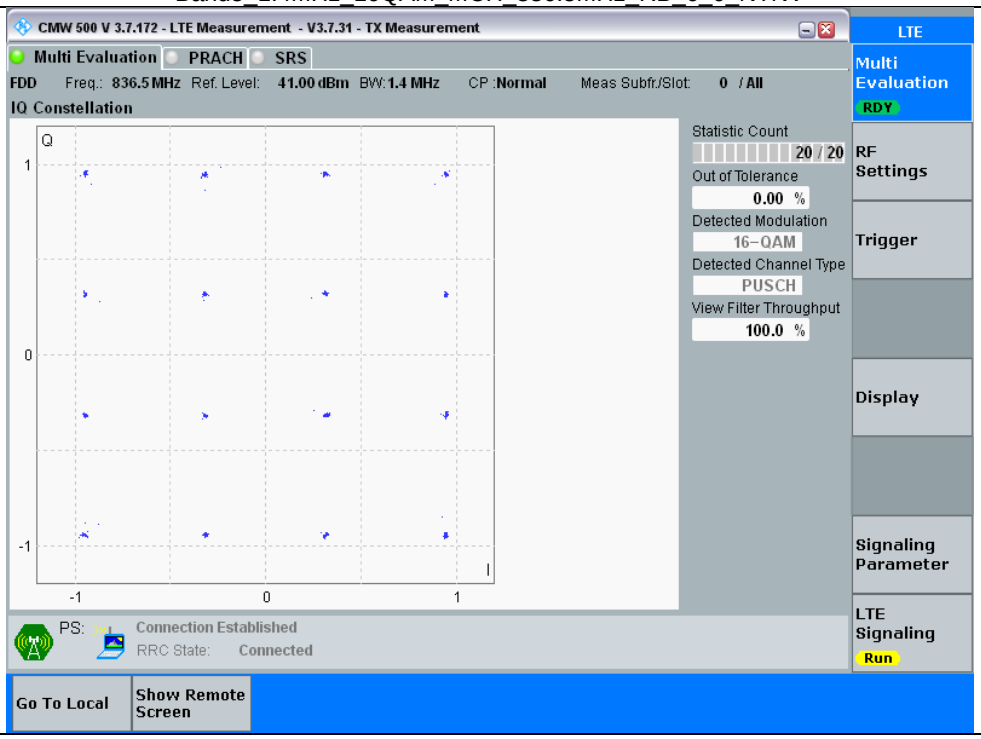
3.2 Test Graph

3.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

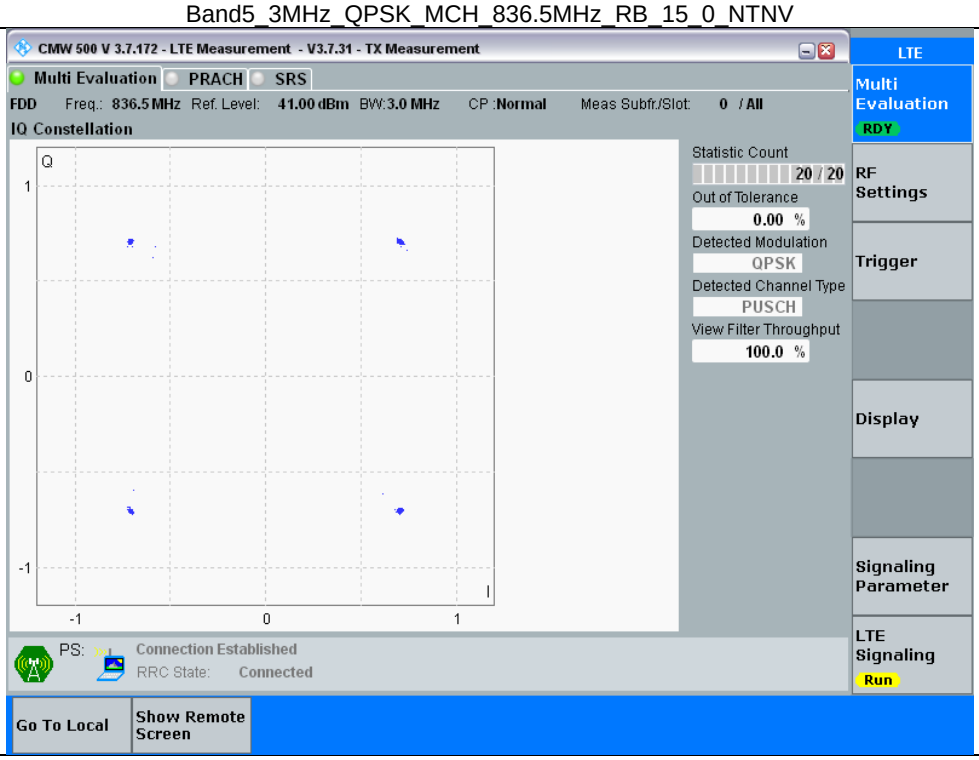


Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

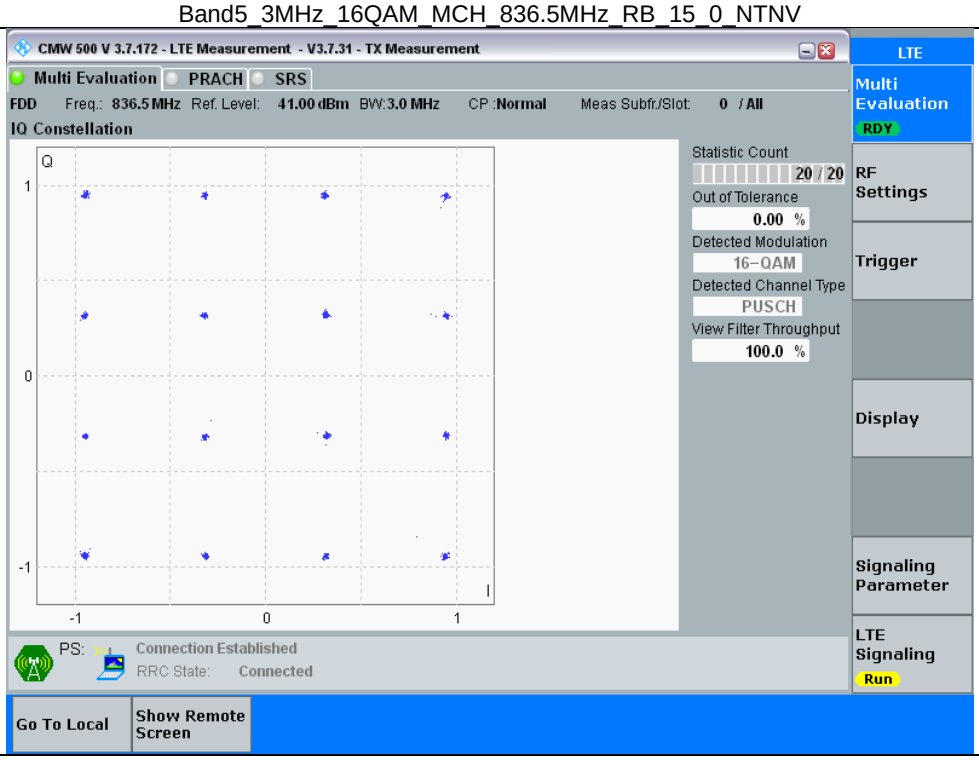


3.2.2 B5_3MHz

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

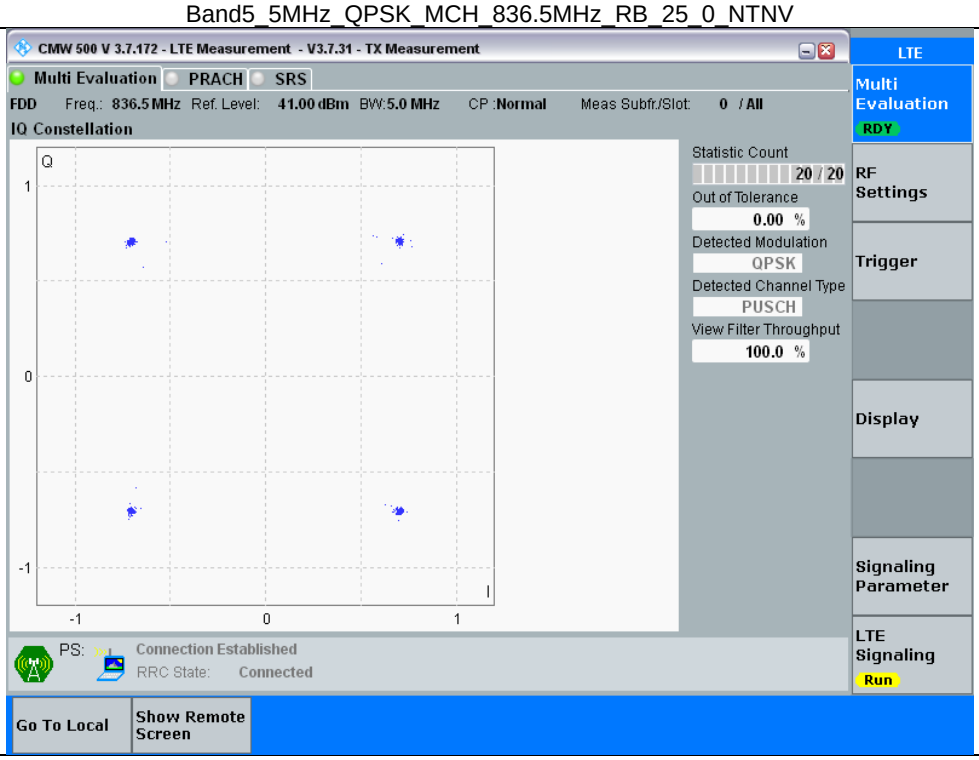


Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

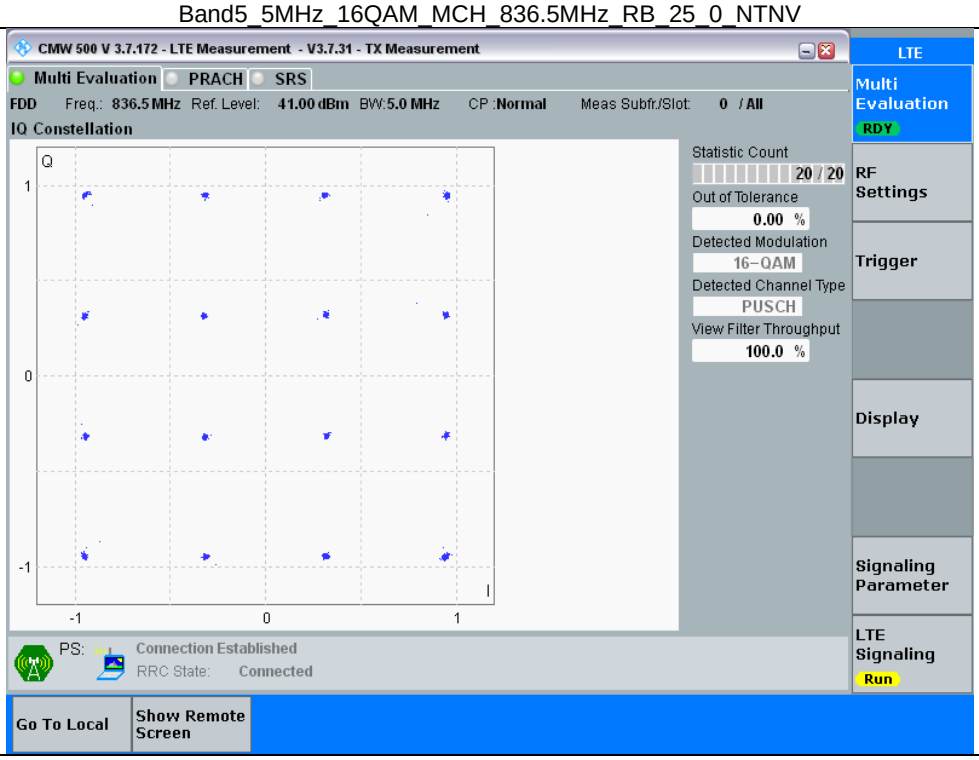


3.2.3 B5_5MHz

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

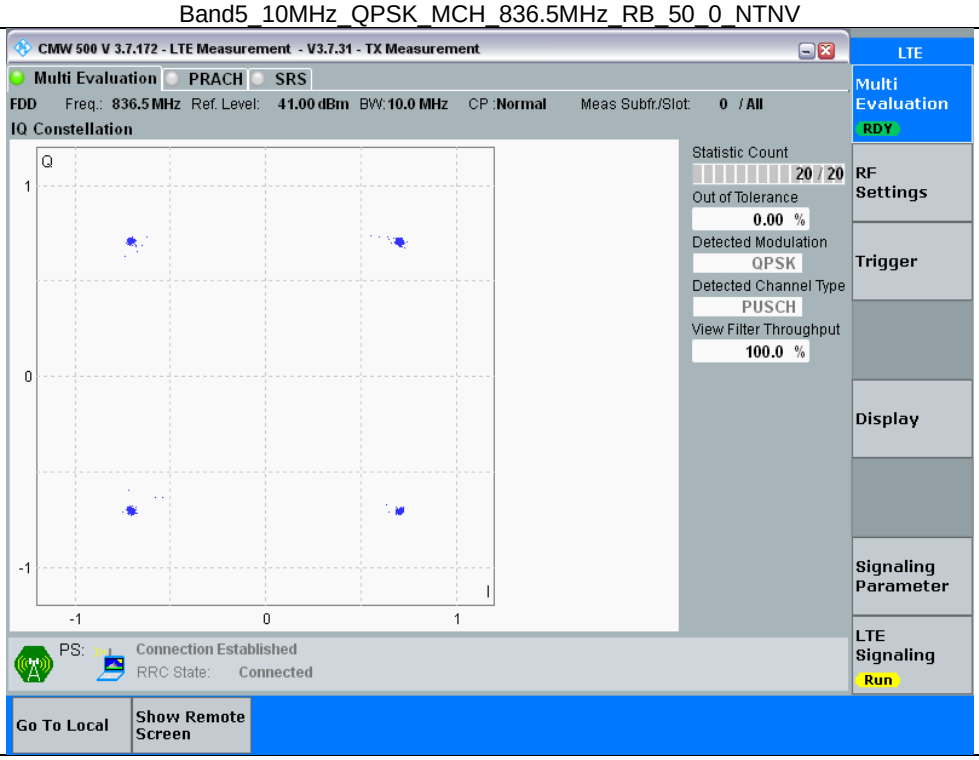


Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

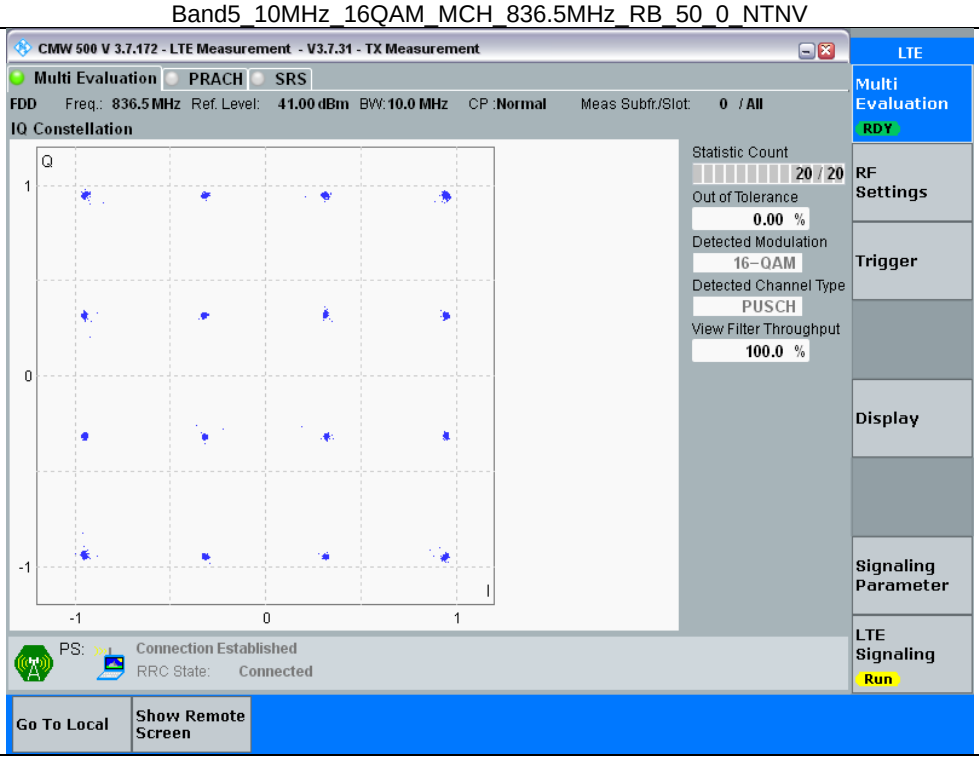


3.2.4 B5_10MHz

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 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	1.110	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.120	/	Pass
	16QAM	824.7	6	0	1.108	/	Pass
		836.5	6	0	1.116	/	Pass
		848.3	6	0	1.116	/	Pass
3	QPSK	825.5	15	0	2.724	/	Pass
		836.5	15	0	2.718	/	Pass
		847.5	15	0	2.736	/	Pass
	16QAM	825.5	15	0	2.729	/	Pass
		836.5	15	0	2.719	/	Pass
		847.5	15	0	2.724	/	Pass
5	QPSK	826.5	25	0	4.560	/	Pass
		836.5	25	0	4.542	/	Pass
		846.5	25	0	4.547	/	Pass
	16QAM	826.5	25	0	4.529	/	Pass
		836.5	25	0	4.553	/	Pass
		846.5	25	0	4.573	/	Pass
10	QPSK	829	50	0	9.033	/	Pass
		836.5	50	0	9.023	/	Pass
		844	50	0	9.072	/	Pass
	16QAM	829	50	0	9.063	/	Pass
		836.5	50	0	9.032	/	Pass
		844	50	0	9.048	/	Pass

4.1.2 Band5_XDB

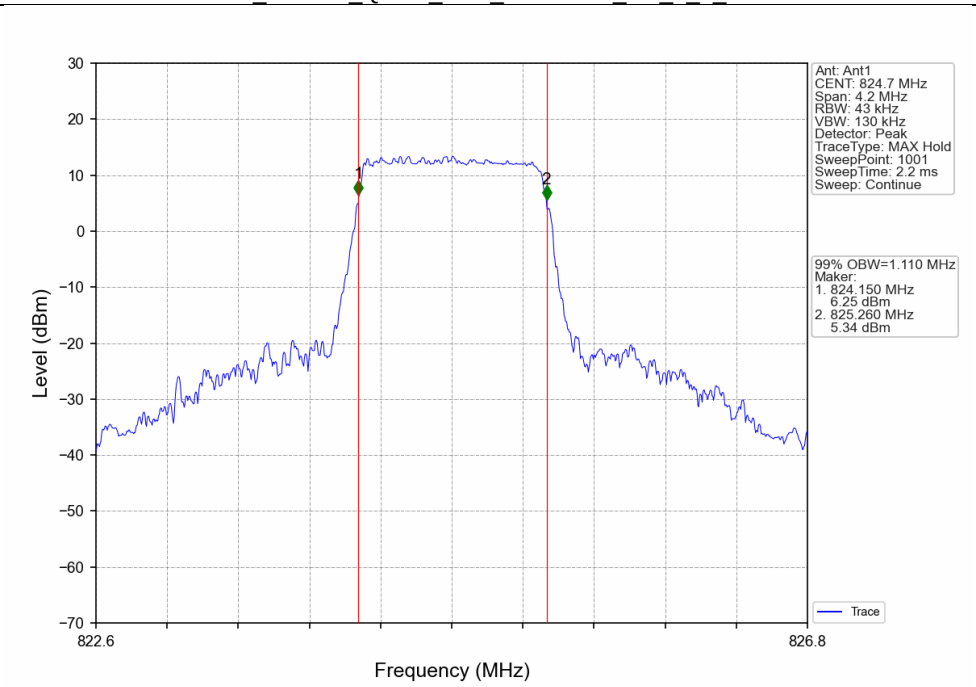
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.313	/	Pass
		836.5	6	0	1.307	/	Pass
		848.3	6	0	1.298	/	Pass
	16QAM	824.7	6	0	1.295	/	Pass
		836.5	6	0	1.326	/	Pass
		848.3	6	0	1.317	/	Pass
3	QPSK	825.5	15	0	3.036	/	Pass
		836.5	15	0	3.016	/	Pass
		847.5	15	0	3.039	/	Pass
	16QAM	825.5	15	0	3.046	/	Pass
		836.5	15	0	3.040	/	Pass
		847.5	15	0	3.051	/	Pass
5	QPSK	826.5	25	0	4.969	/	Pass
		836.5	25	0	4.988	/	Pass

		846.5	25	0	5.009	/	Pass
	16QAM	826.5	25	0	5.014	/	Pass
		836.5	25	0	5.010	/	Pass
		846.5	25	0	5.025	/	Pass
10	QPSK	829	50	0	9.881	/	Pass
		836.5	50	0	9.980	/	Pass
		844	50	0	9.861	/	Pass
	16QAM	829	50	0	9.905	/	Pass
		836.5	50	0	9.888	/	Pass
		844	50	0	9.907	/	Pass

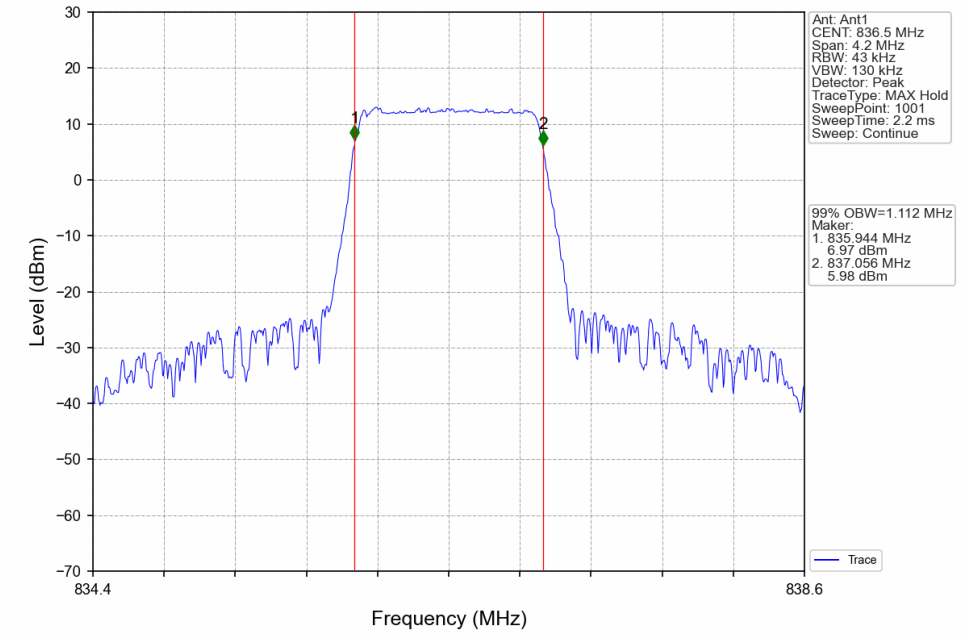
4.2 Test Graph

4.2.1 Band5_OBW

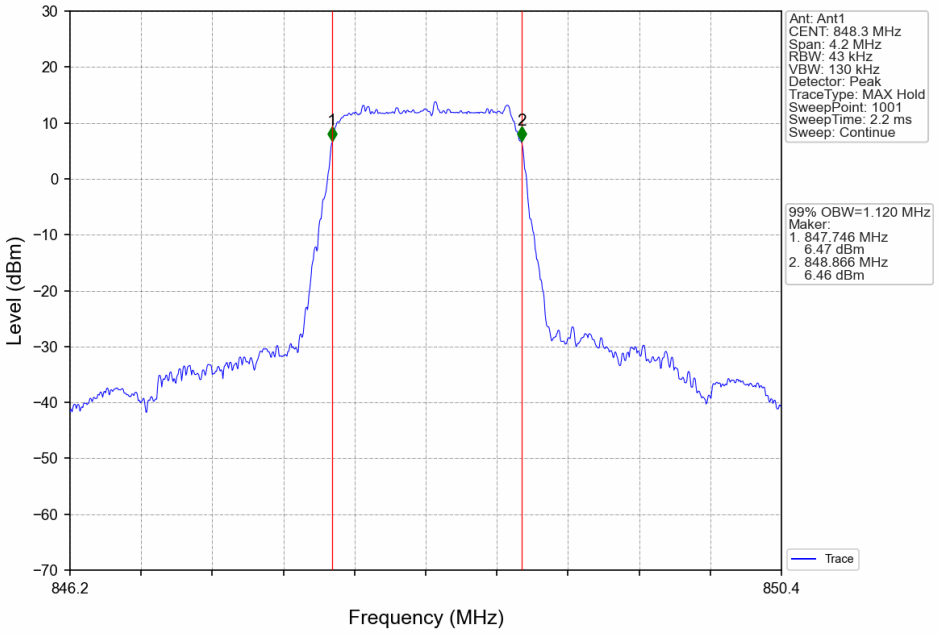
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



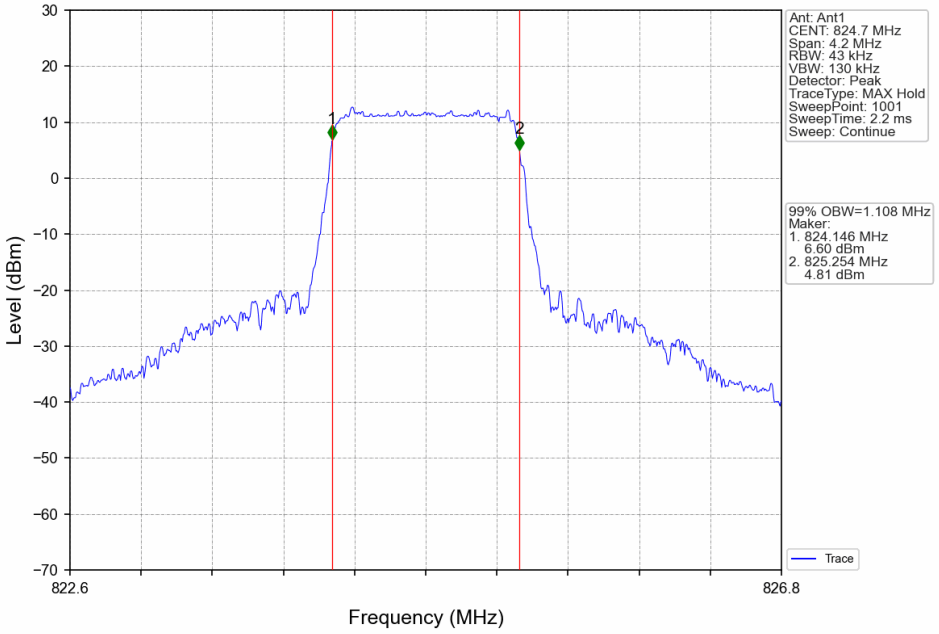
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



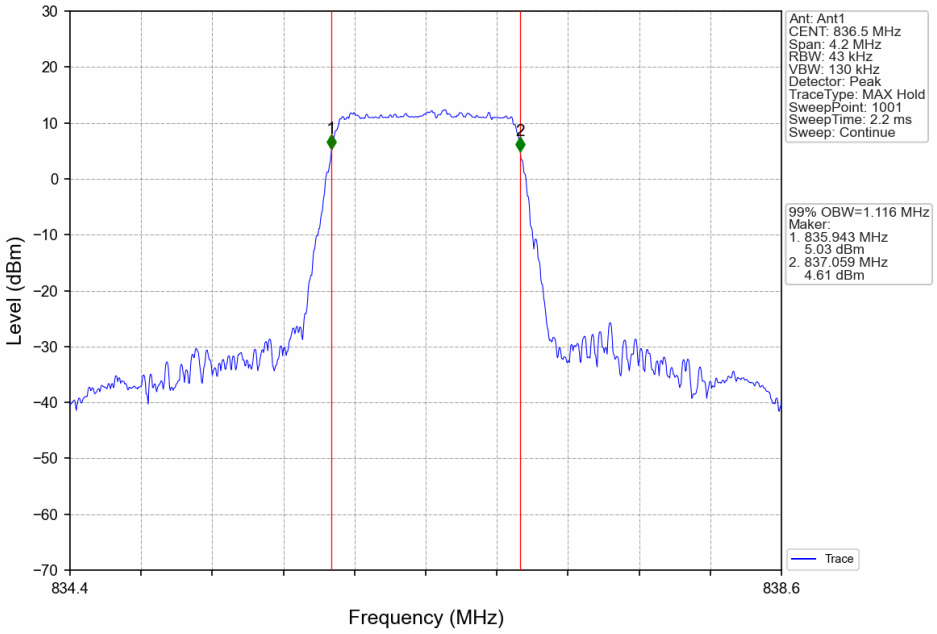
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



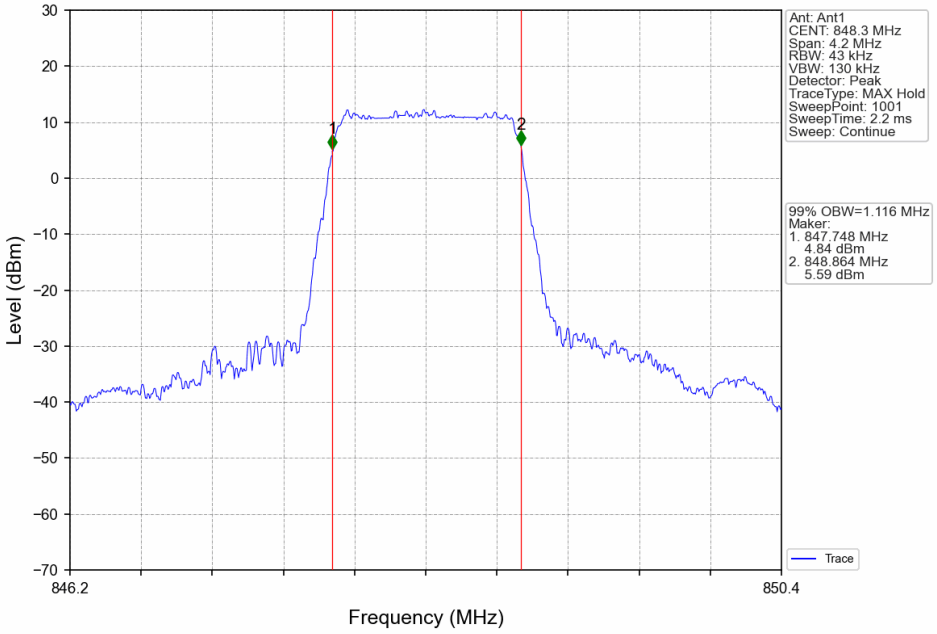
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



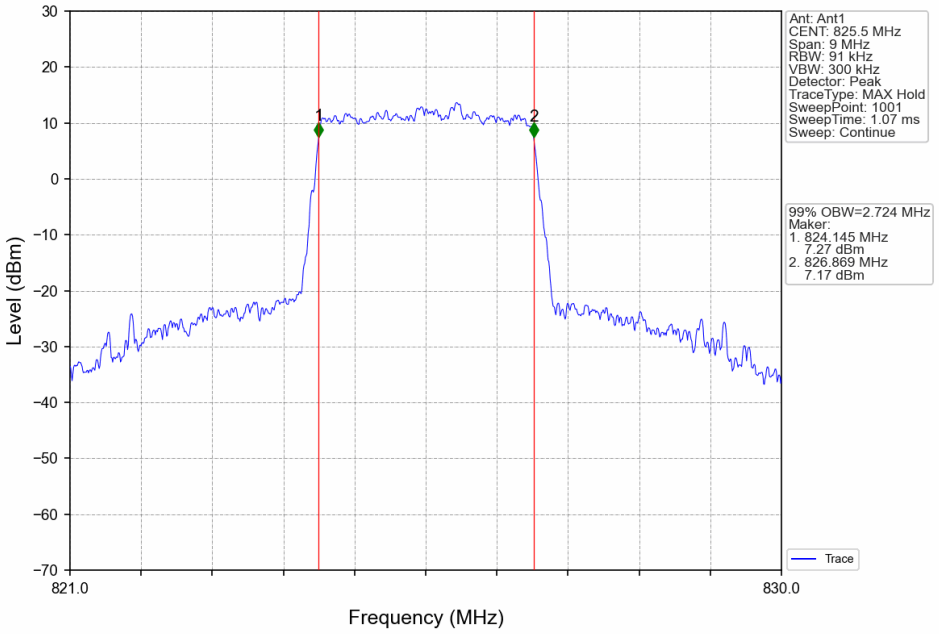
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



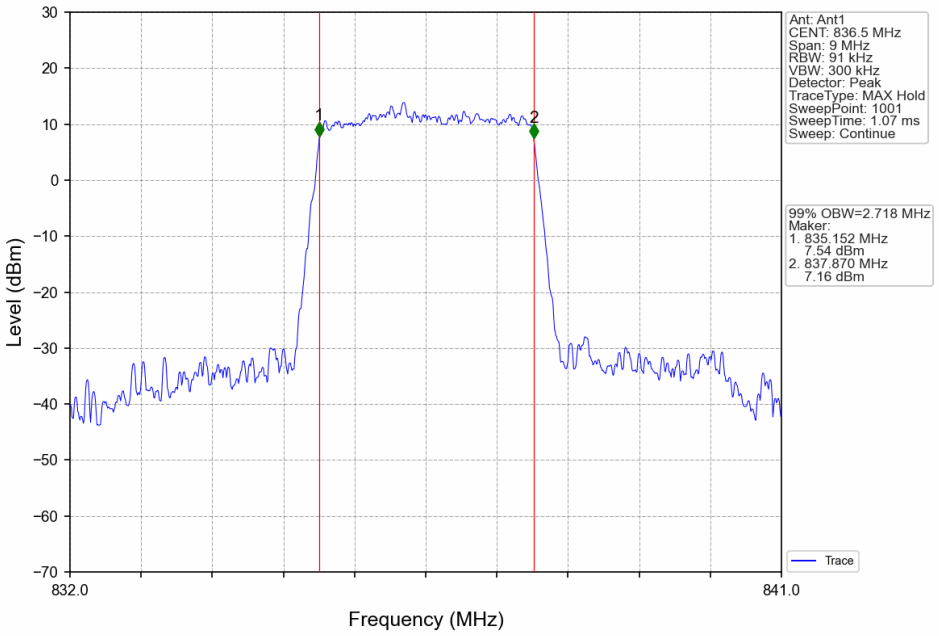
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



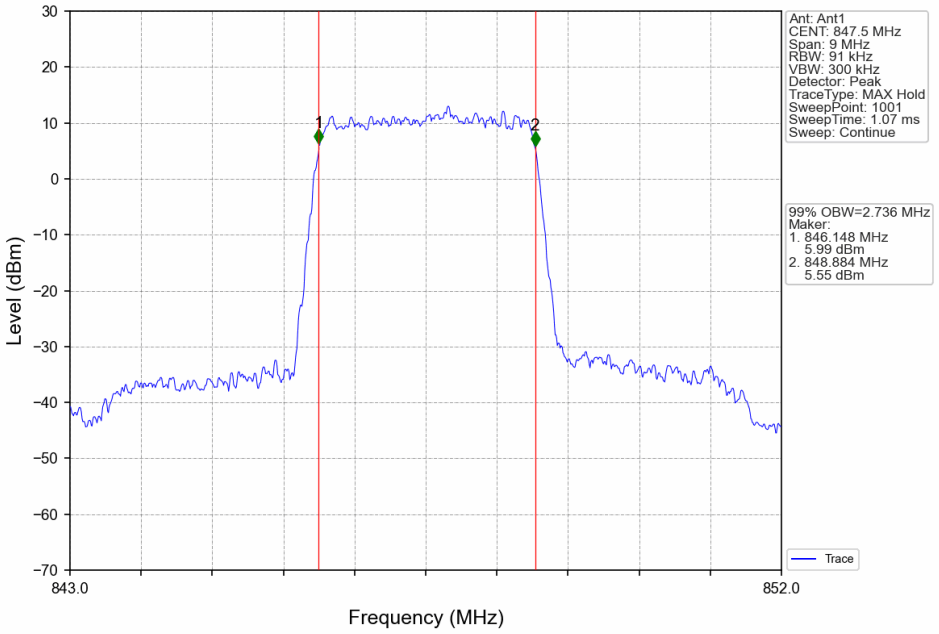
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



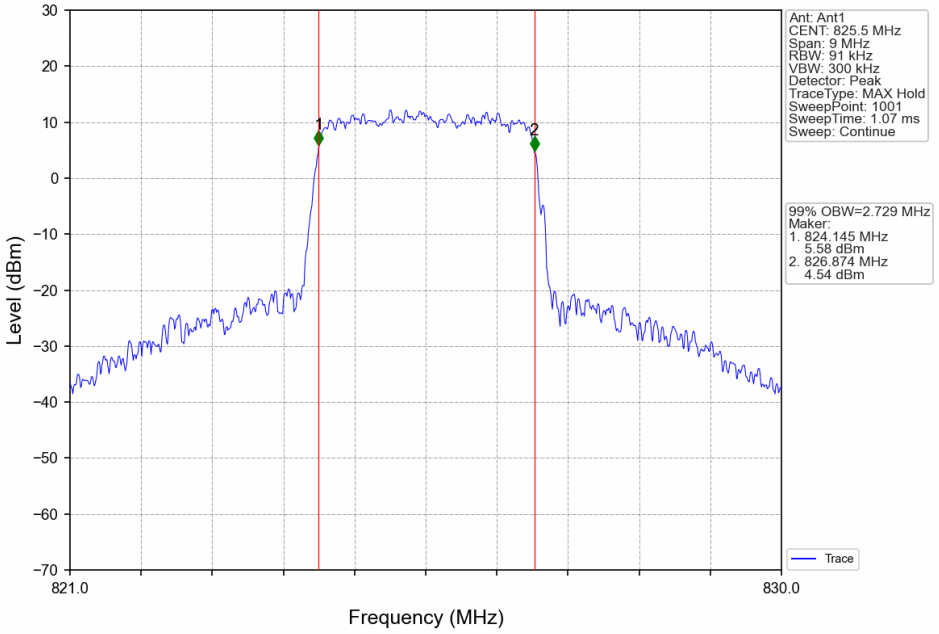
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



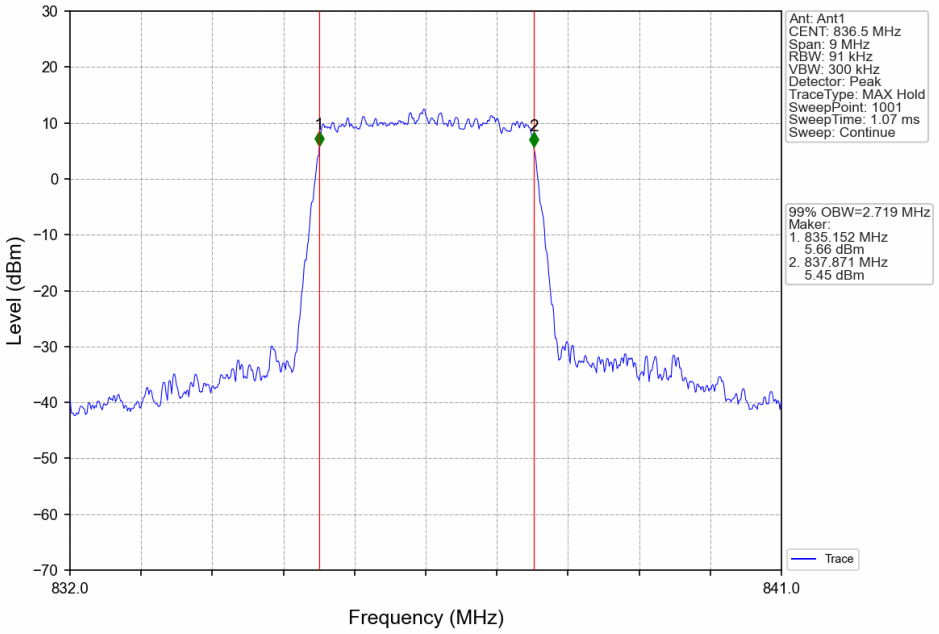
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



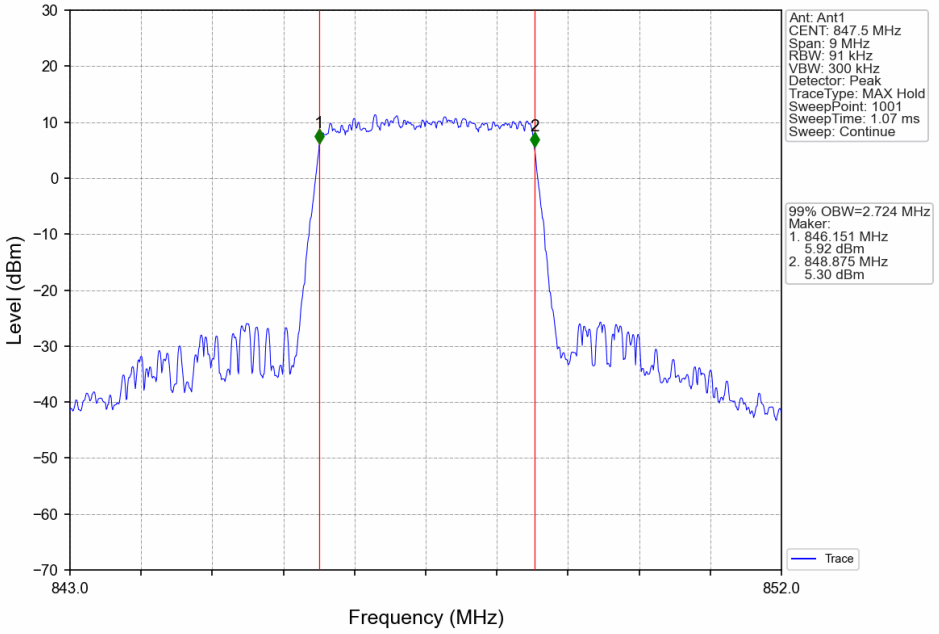
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



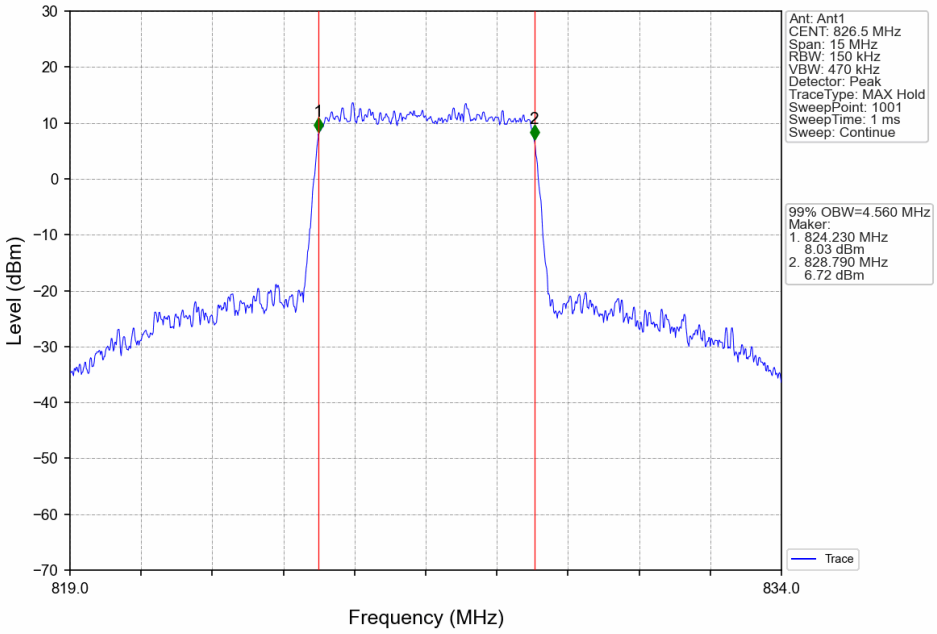
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



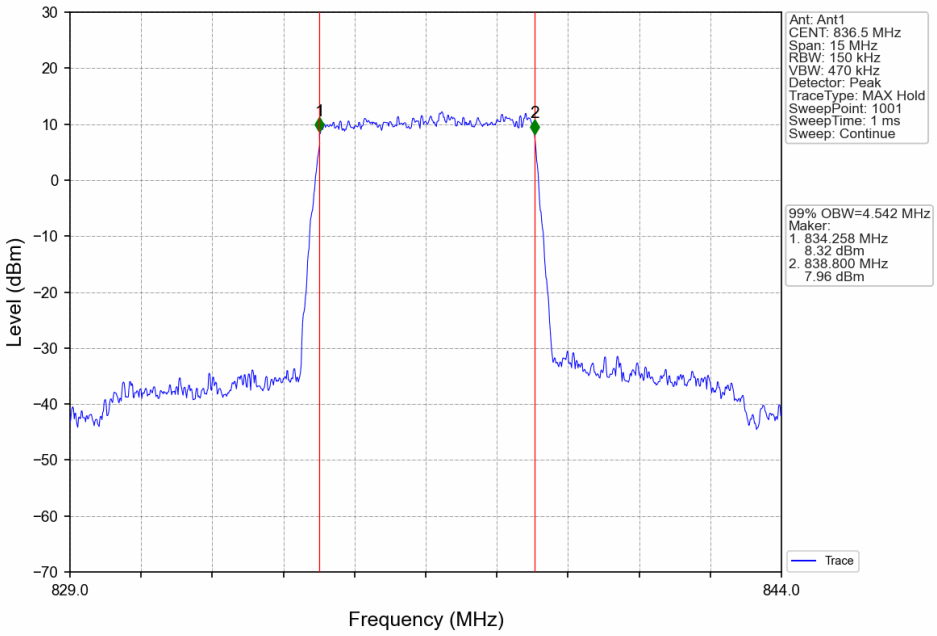
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



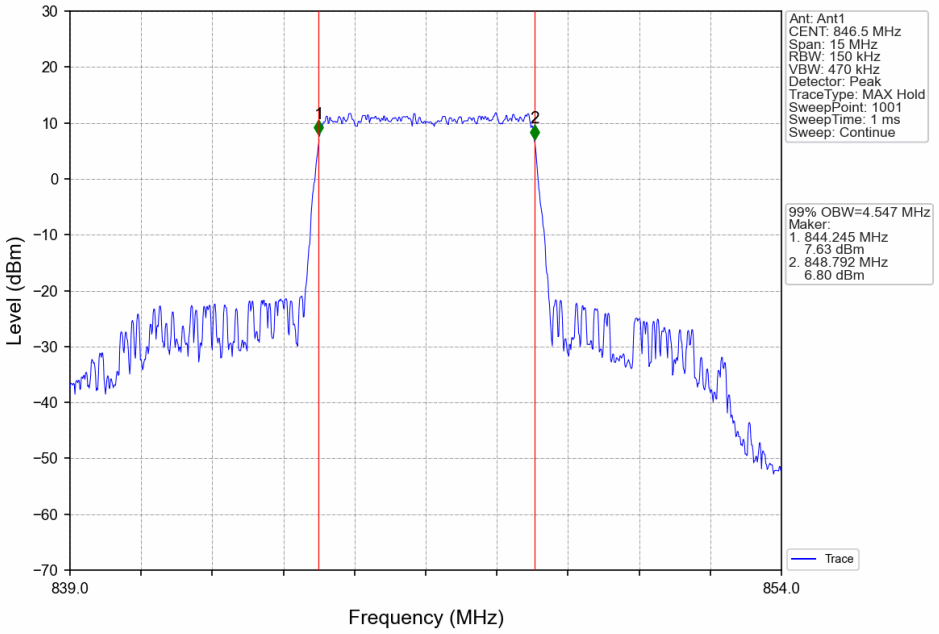
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



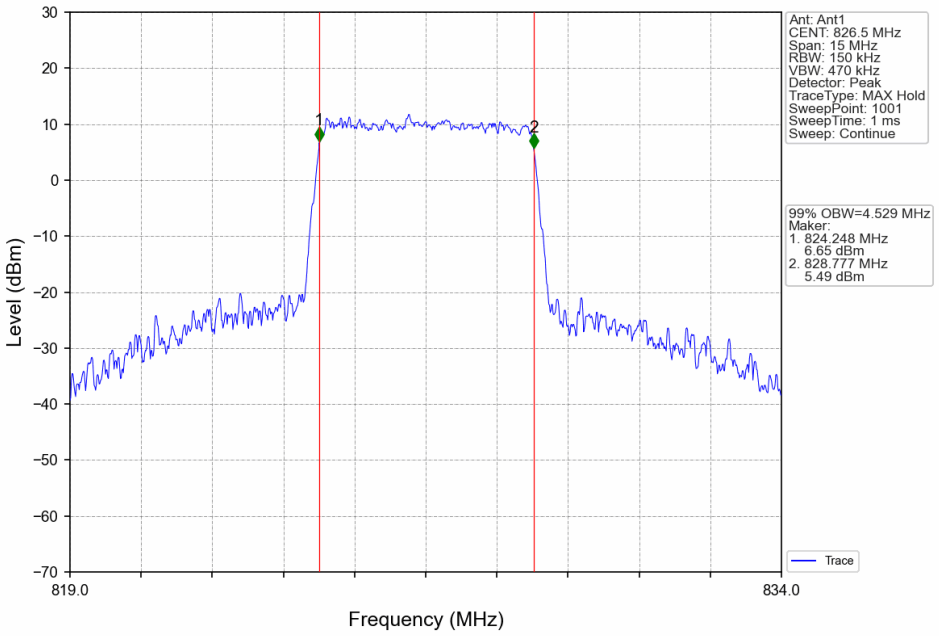
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



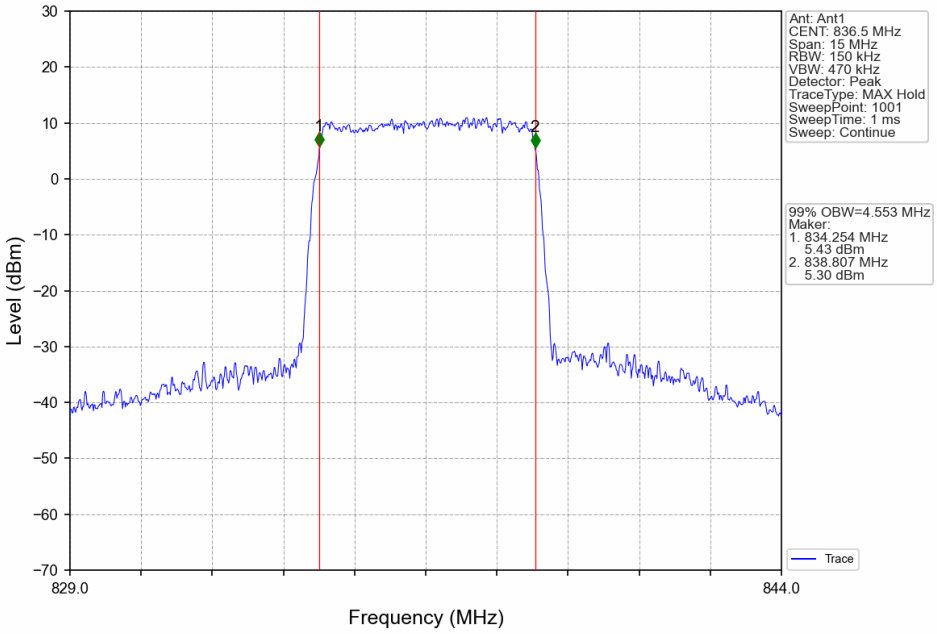
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



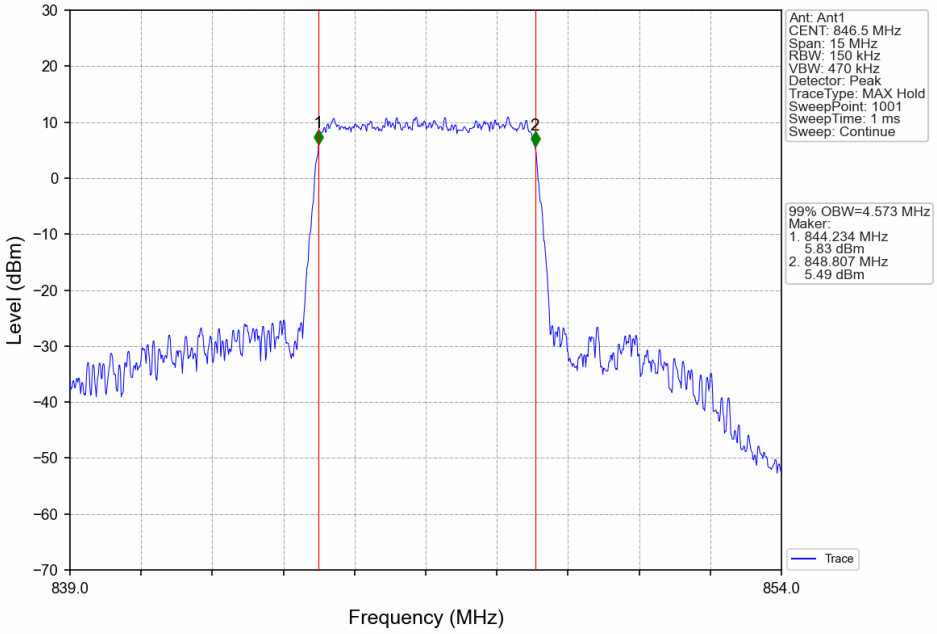
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



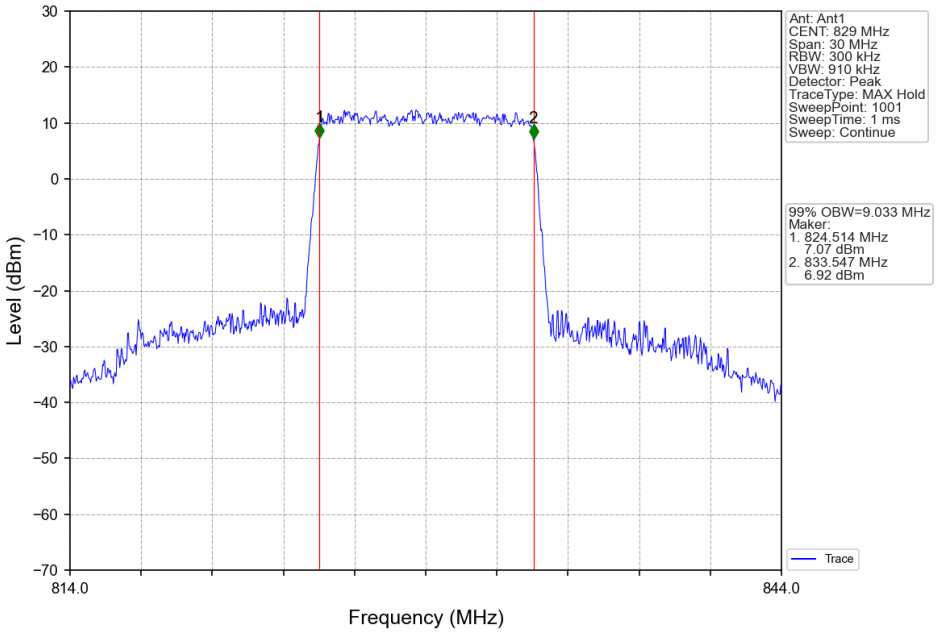
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



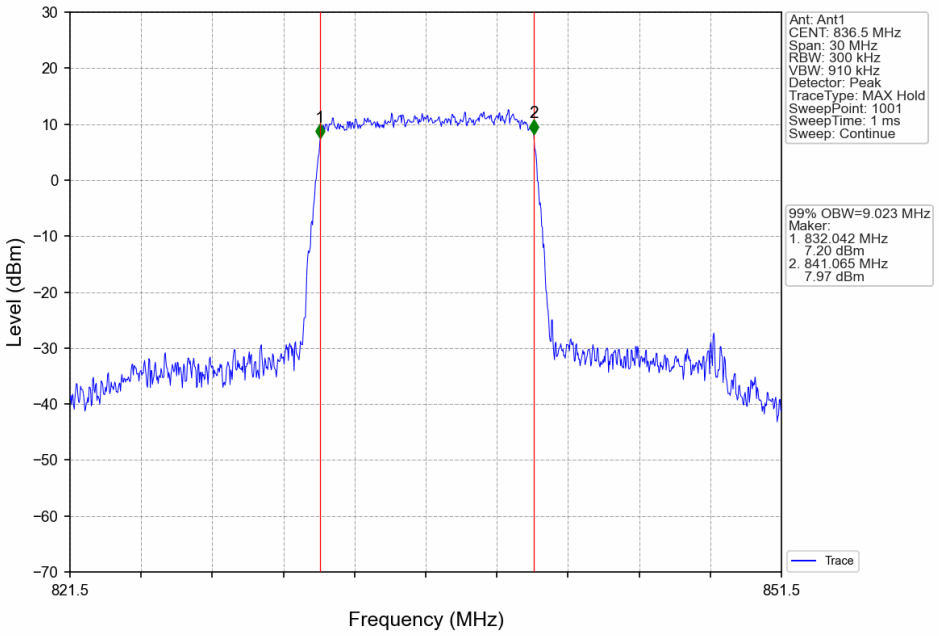
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



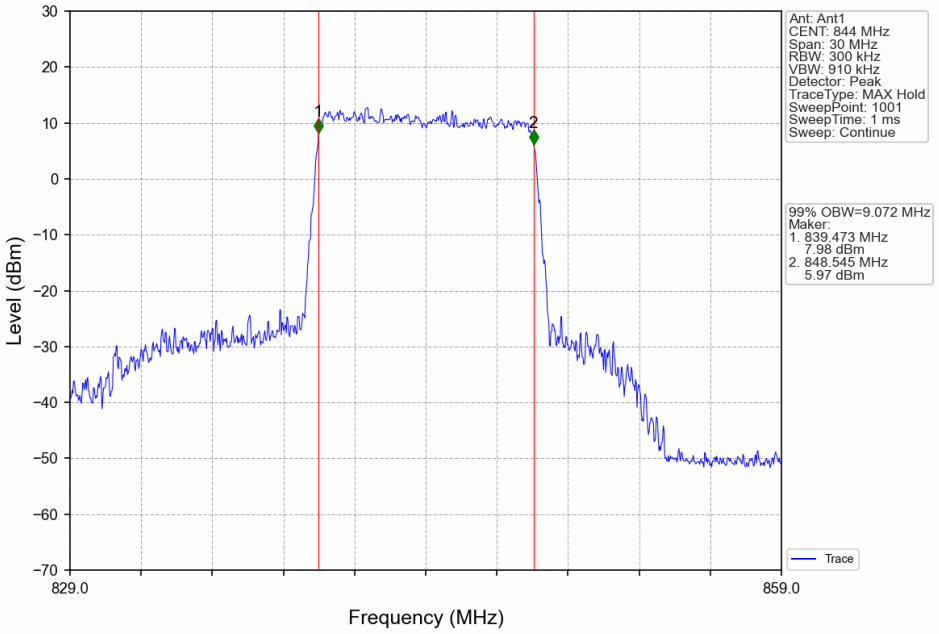
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



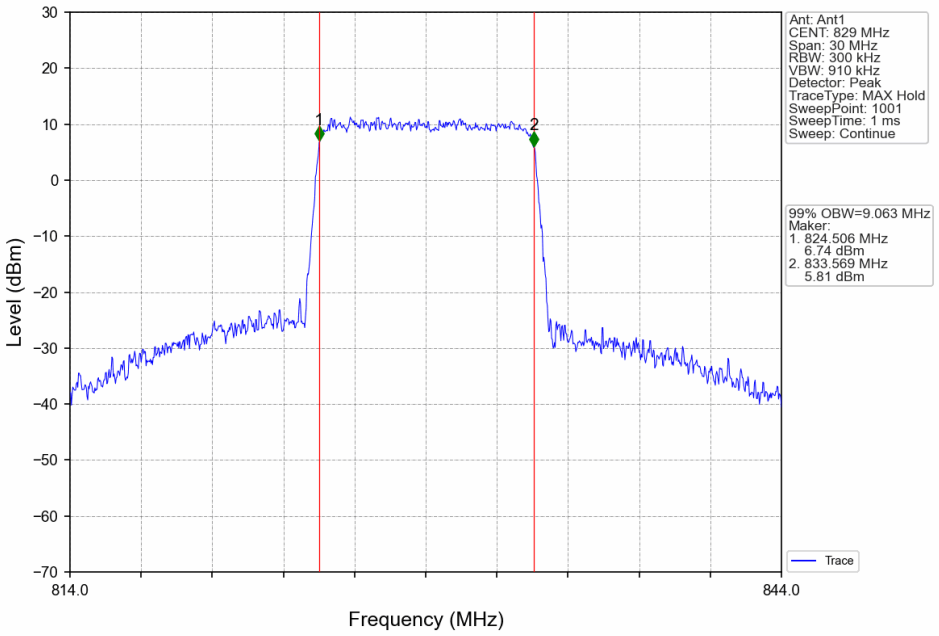
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



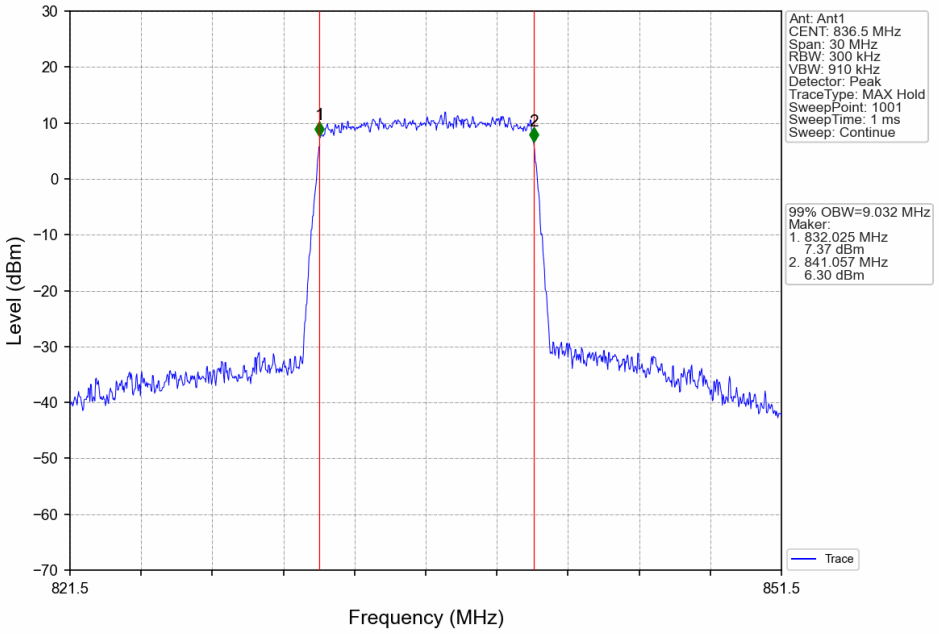
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



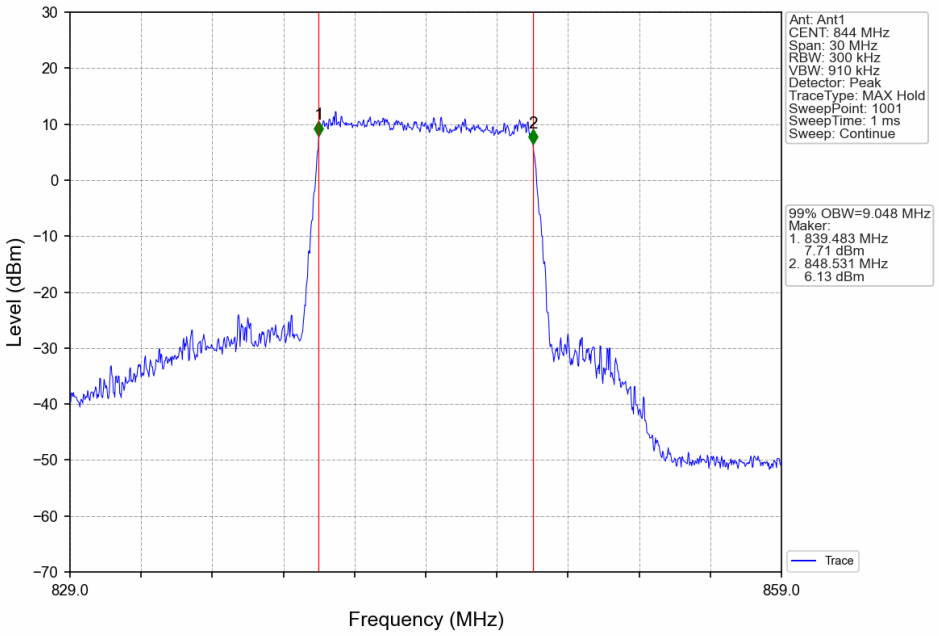
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

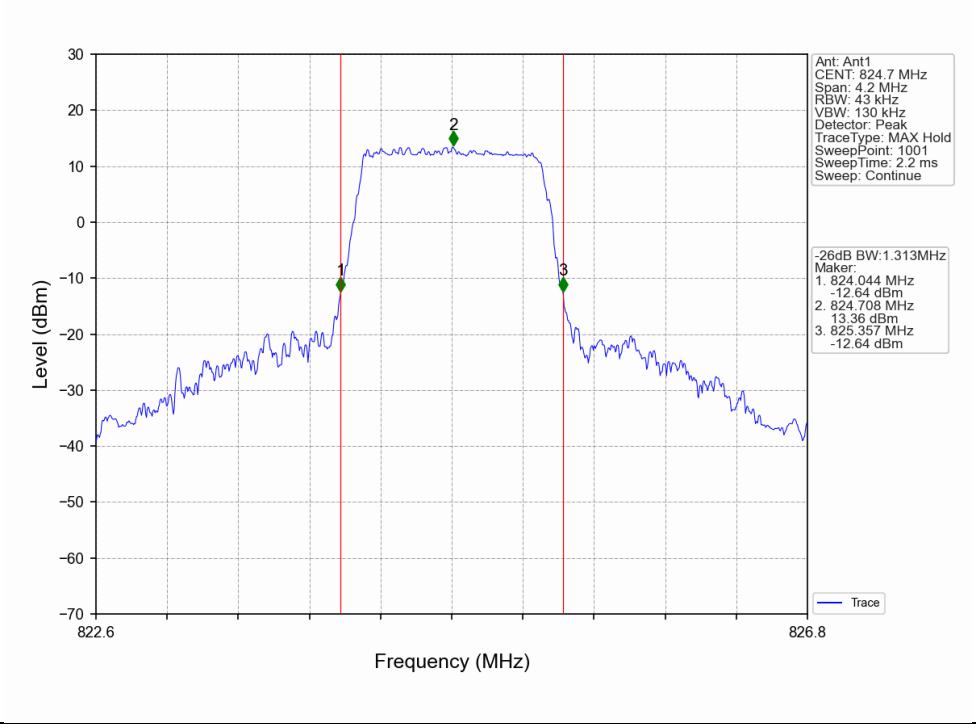


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

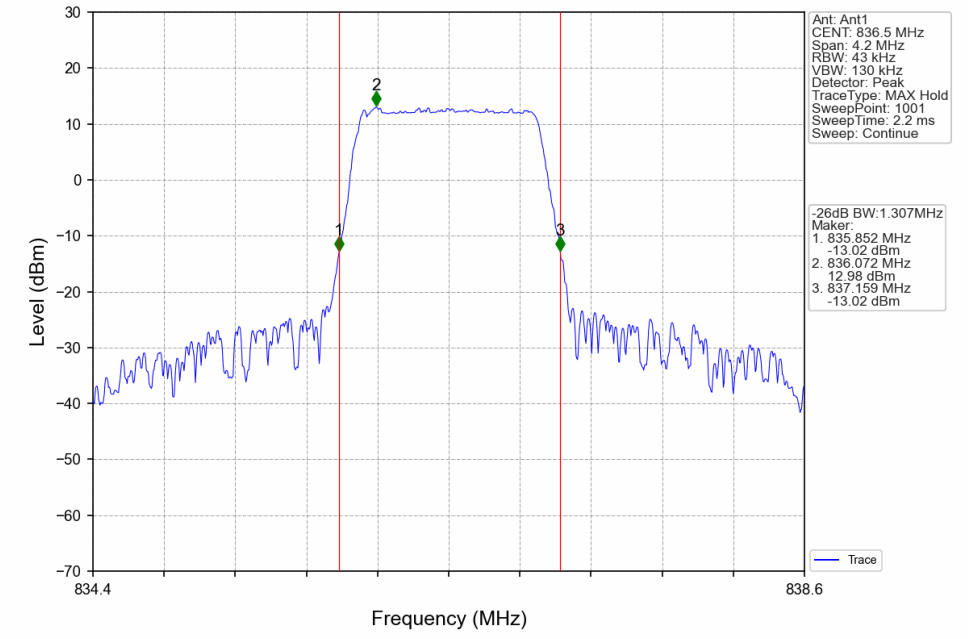


4.2.2 Band5_XDB

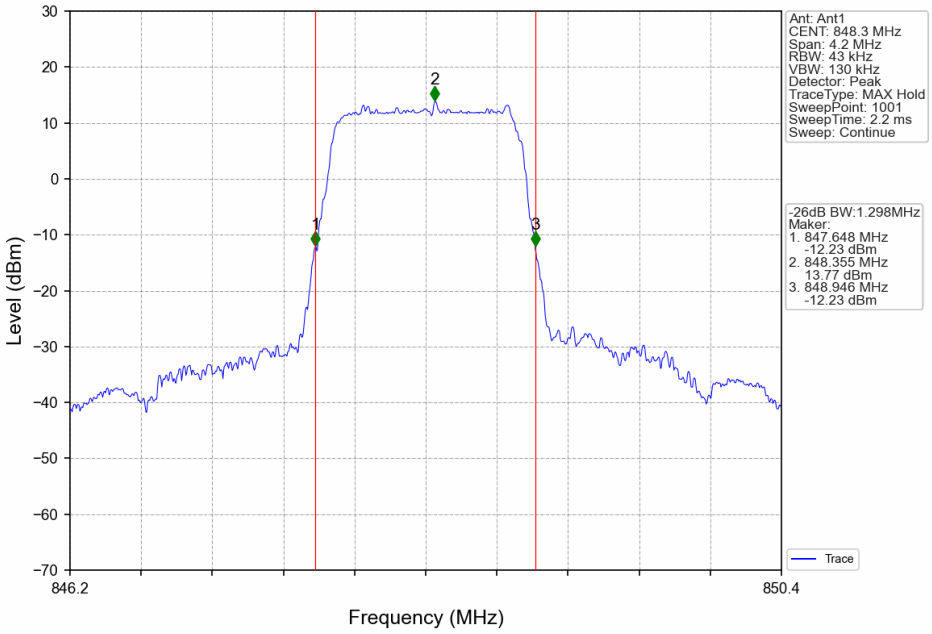
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



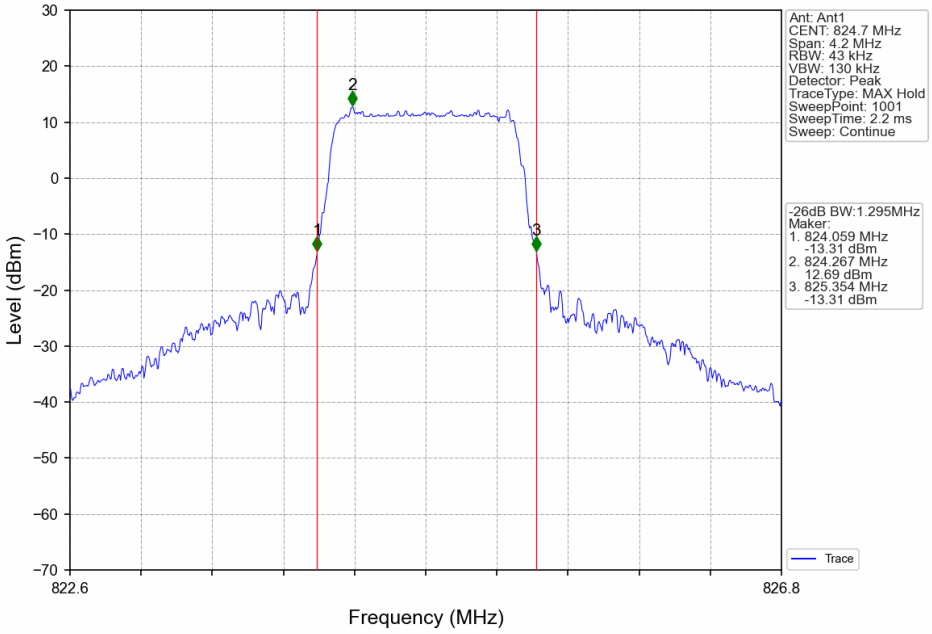
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



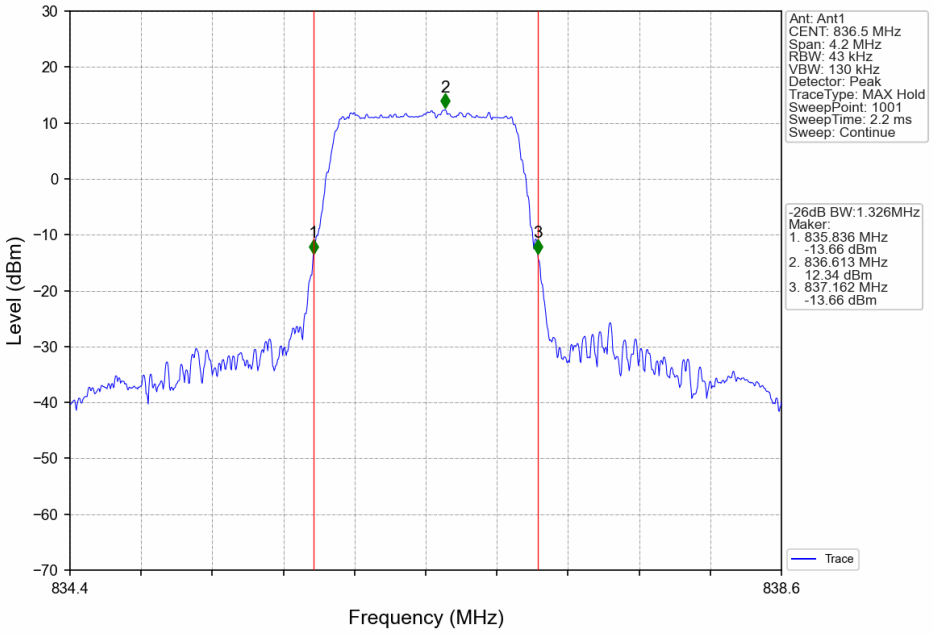
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



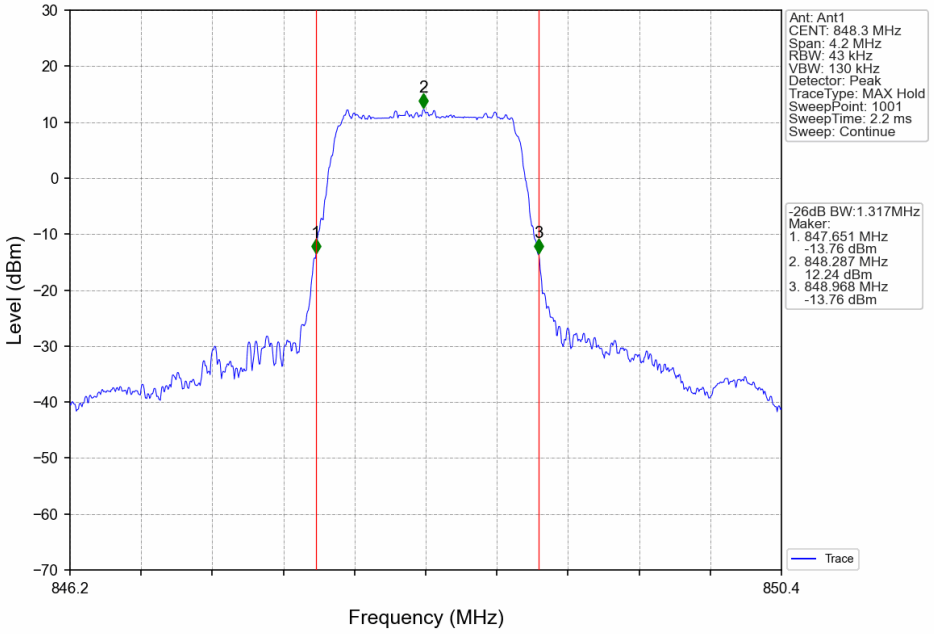
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



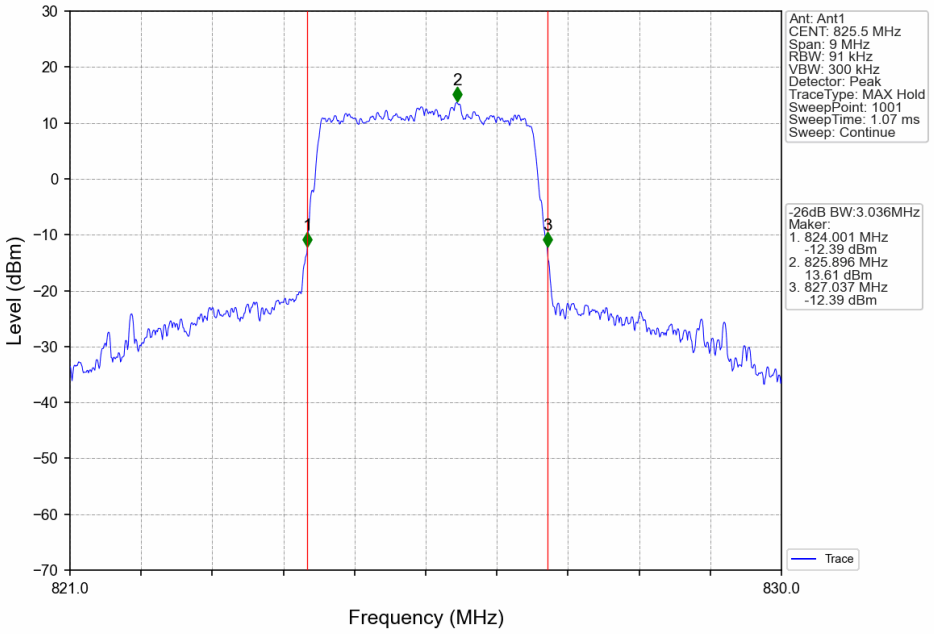
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



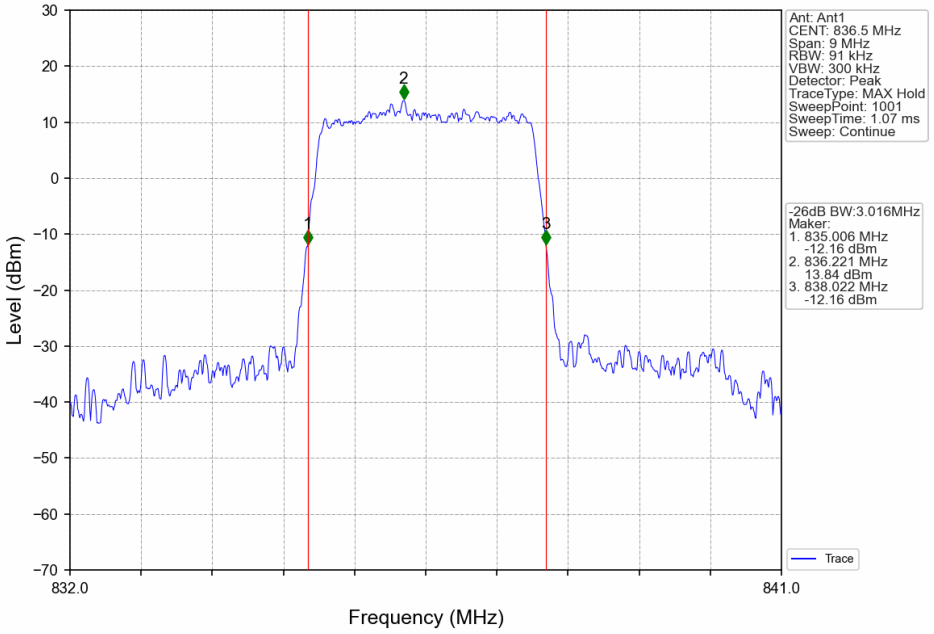
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



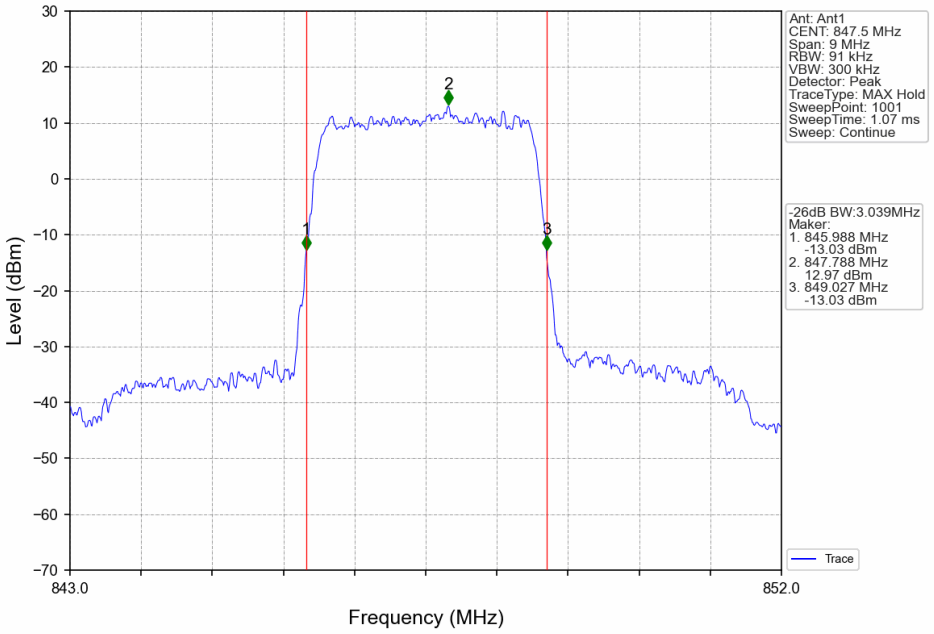
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



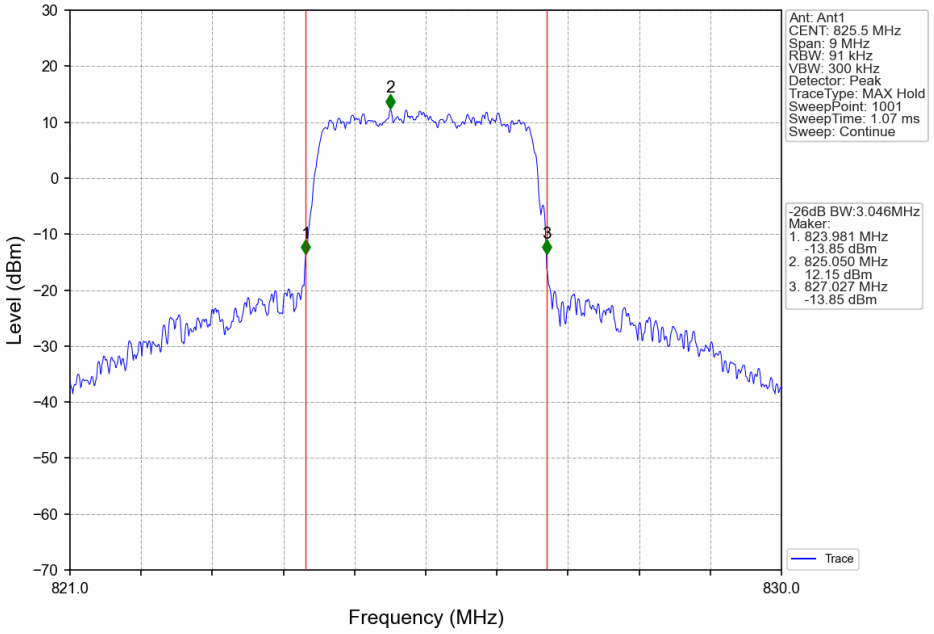
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



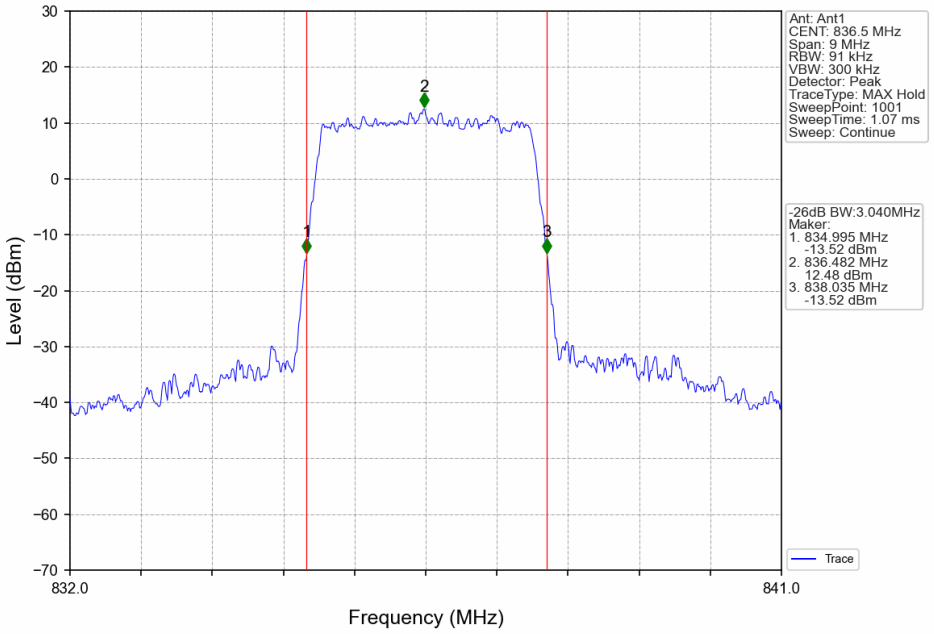
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



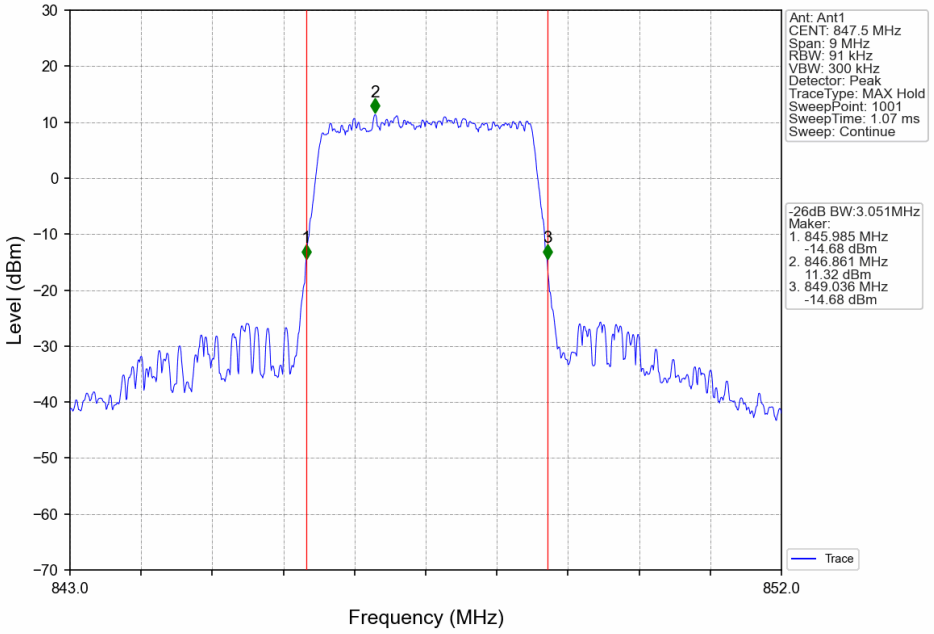
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



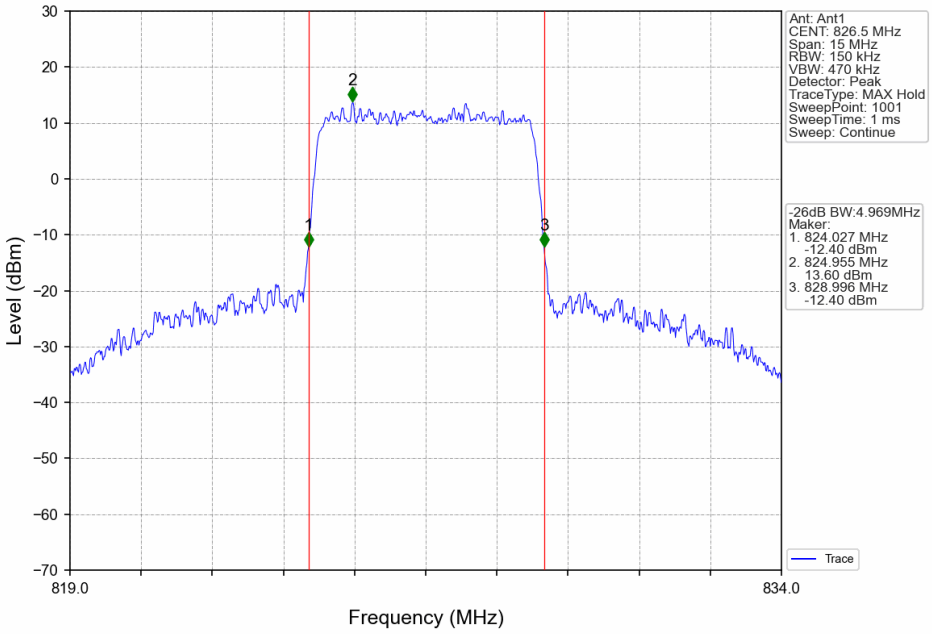
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



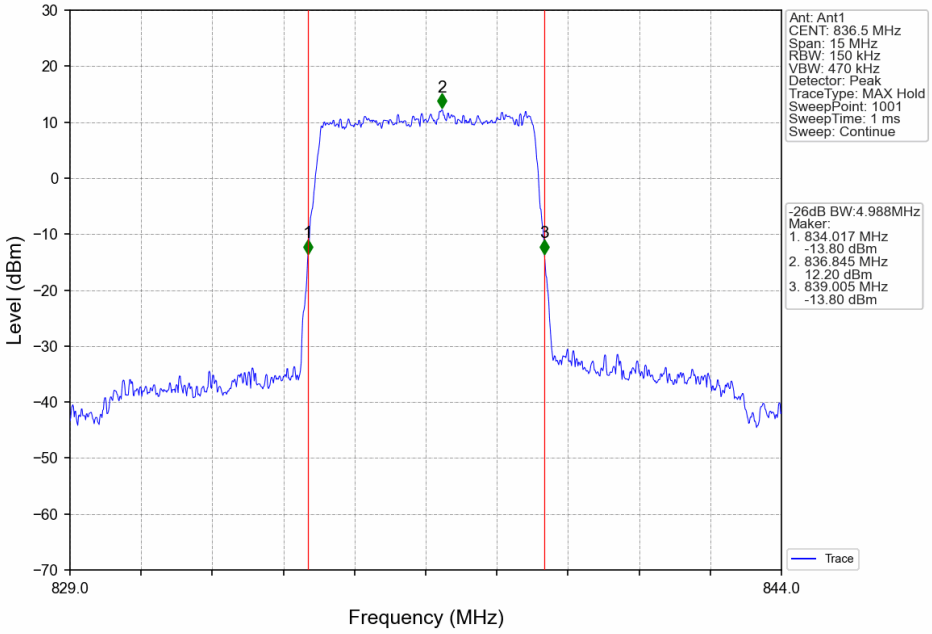
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



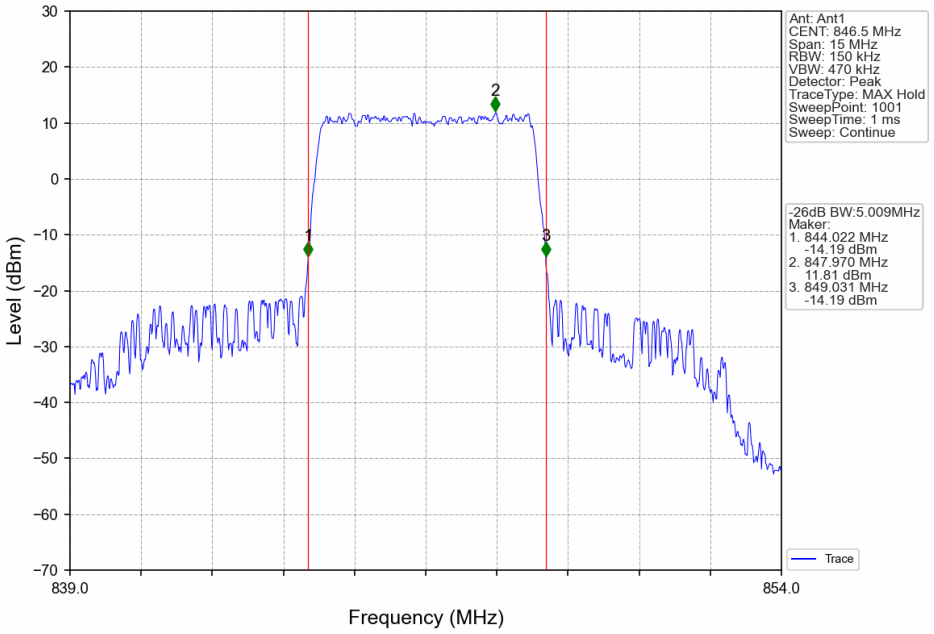
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



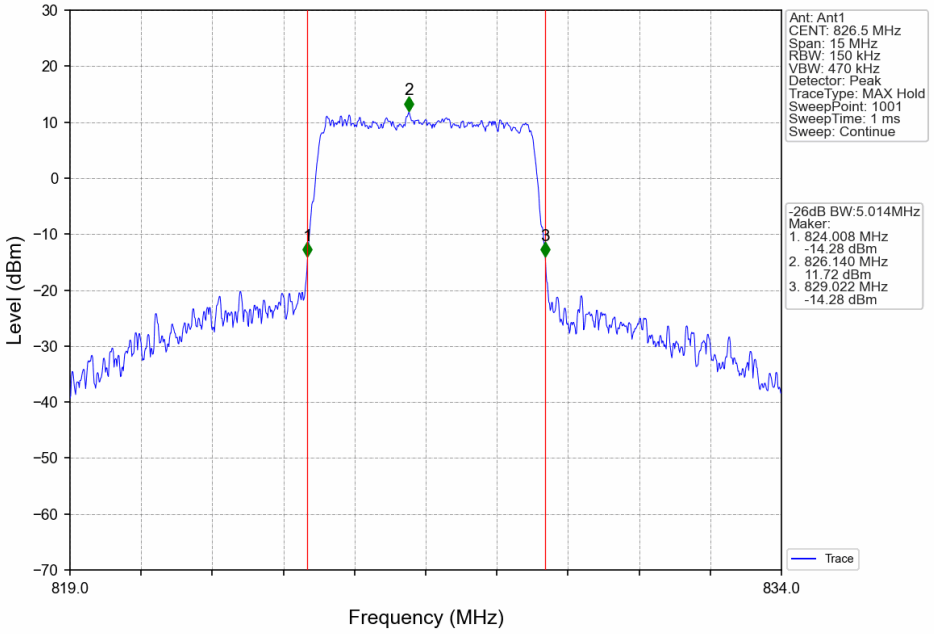
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



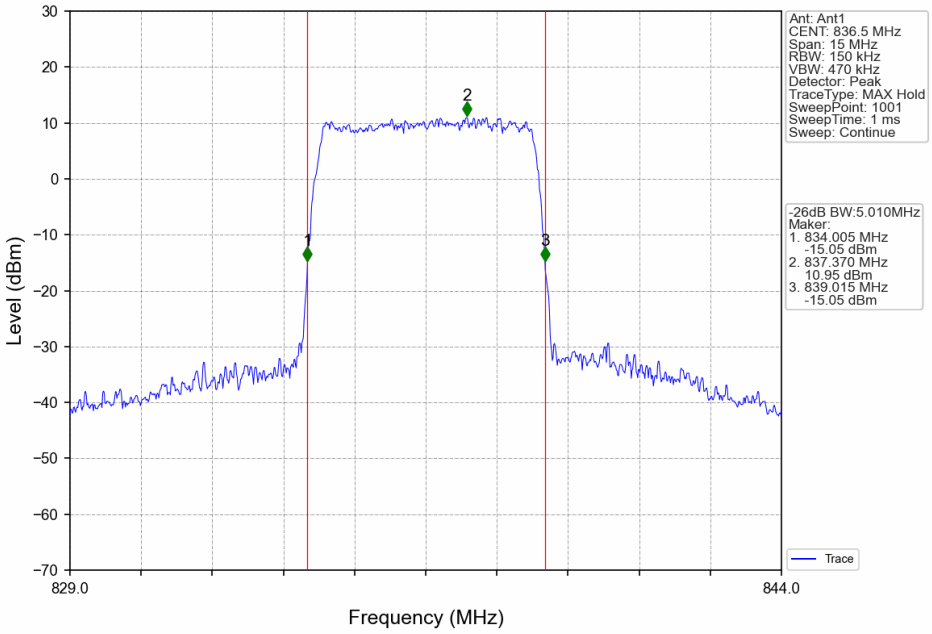
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



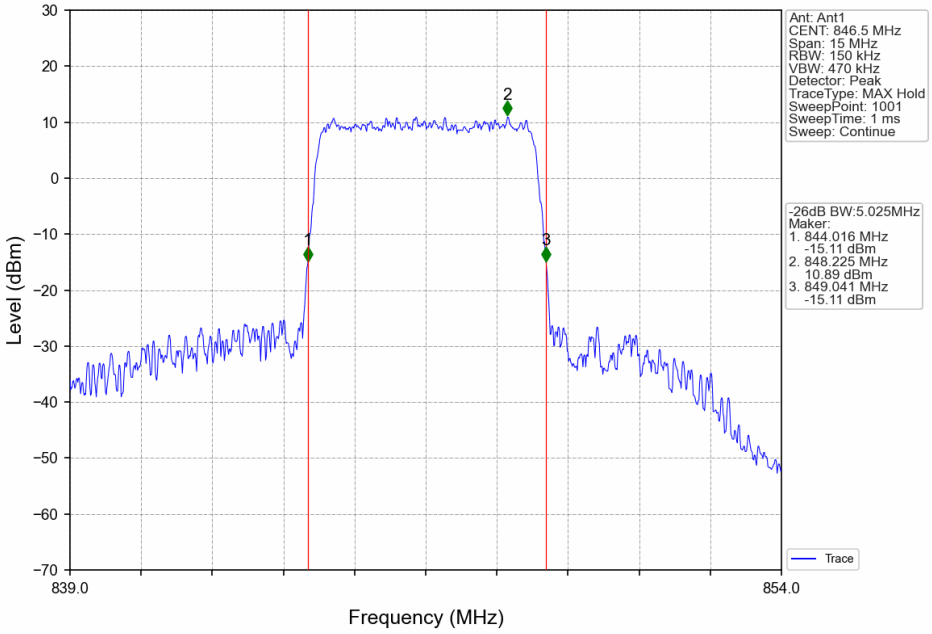
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



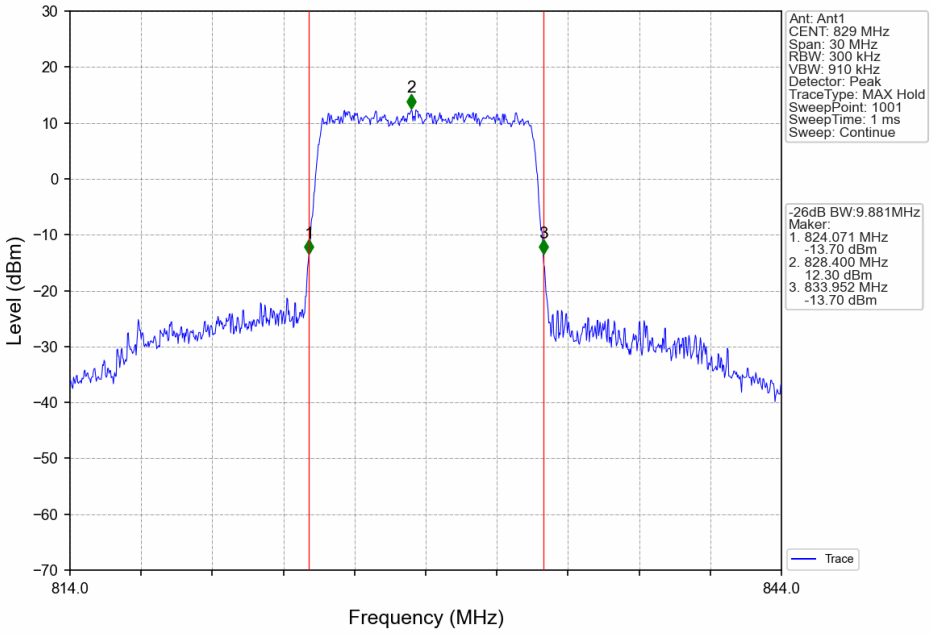
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



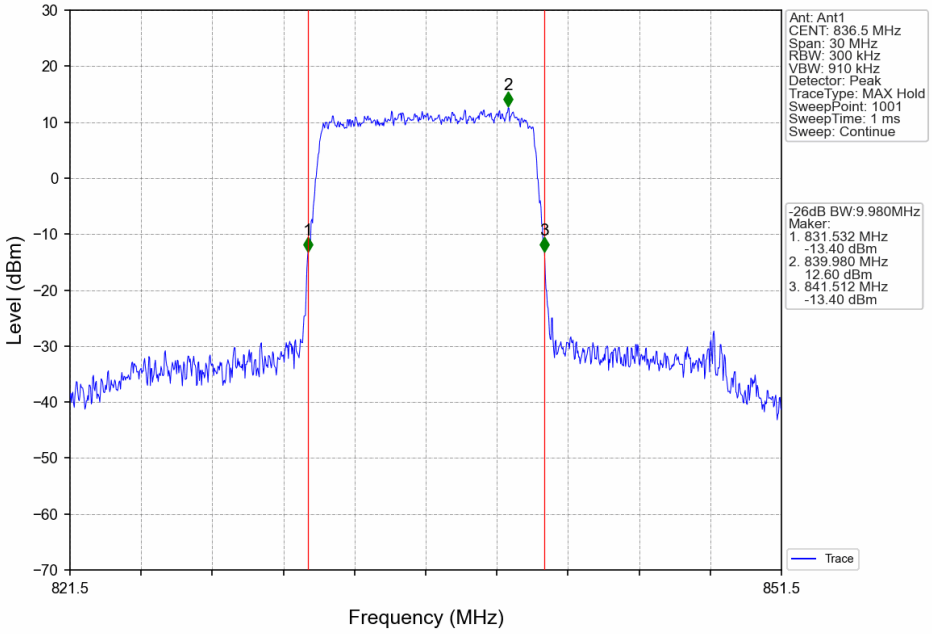
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



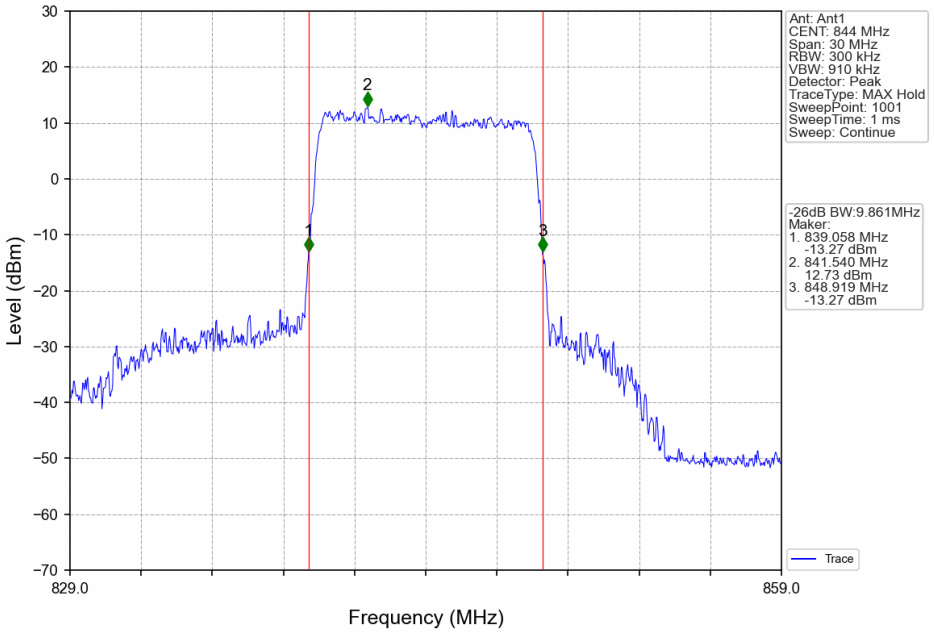
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



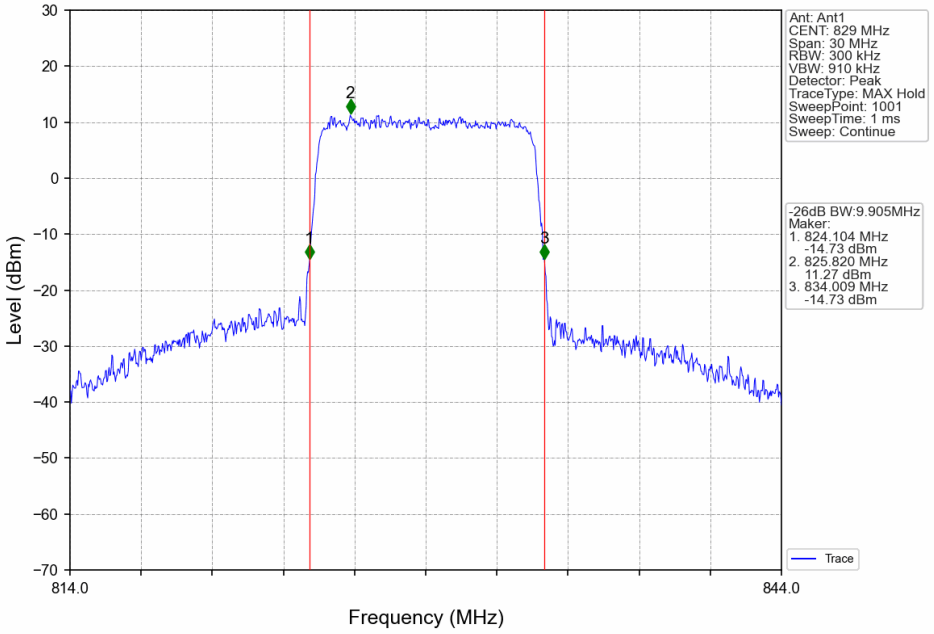
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



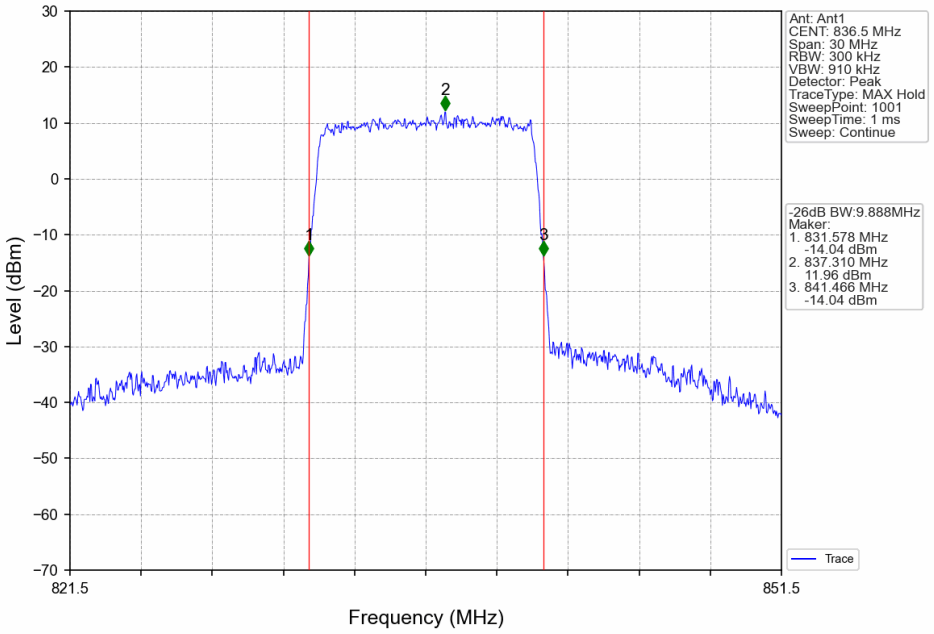
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



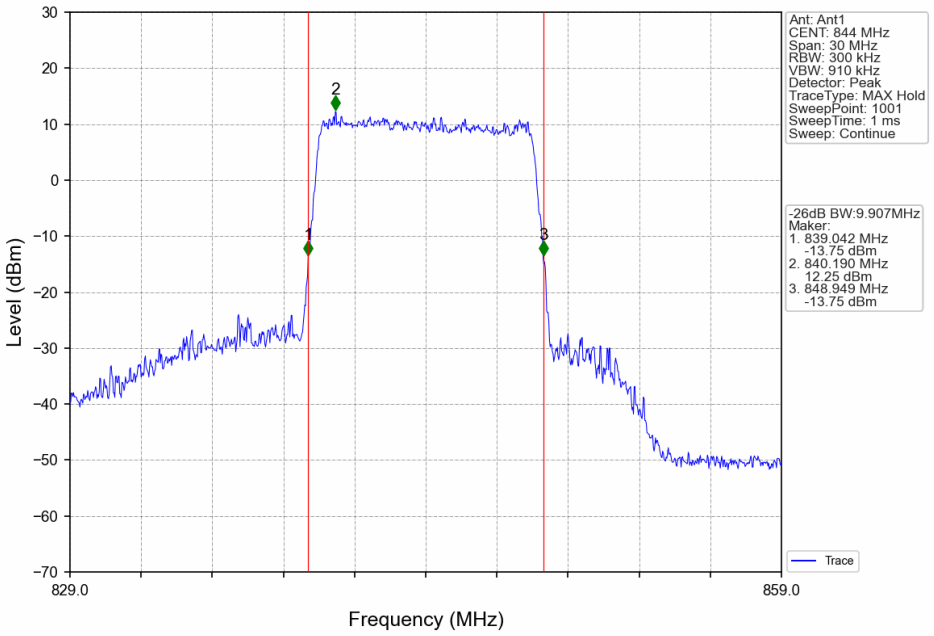
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 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	4.73	<=13	Pass
	836.5	6	0	5.62	<=13	Pass
	848.3	6	0	5.59	<=13	Pass
16QAM	824.7	6	0	5.58	<=13	Pass
	836.5	6	0	6.49	<=13	Pass
	848.3	6	0	6.30	<=13	Pass

5.1.2 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	4.77	<=13	Pass
	836.5	15	0	5.58	<=13	Pass
	847.5	15	0	5.49	<=13	Pass
16QAM	825.5	15	0	5.86	<=13	Pass
	836.5	15	0	6.38	<=13	Pass
	847.5	15	0	6.31	<=13	Pass

5.1.3 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	5.27	<=13	Pass
	836.5	25	0	5.71	<=13	Pass
	846.5	25	0	5.62	<=13	Pass
16QAM	826.5	25	0	5.97	<=13	Pass
	836.5	25	0	6.37	<=13	Pass
	846.5	25	0	6.31	<=13	Pass

5.1.4 B5_10MHz

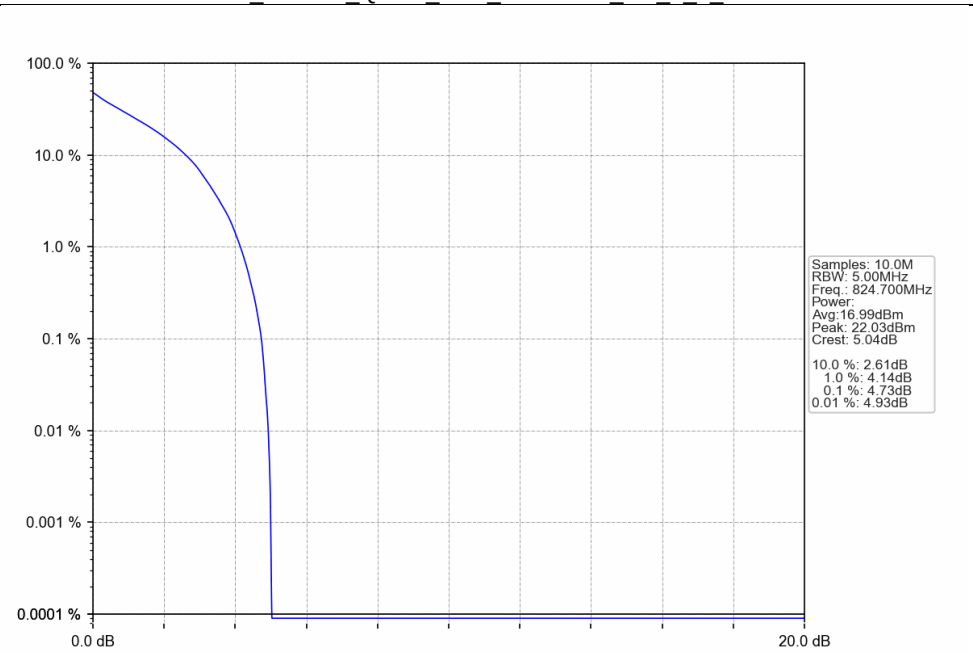
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.40	<=13	Pass
	836.5	50	0	5.54	<=13	Pass
	844	50	0	5.55	<=13	Pass
16QAM	829	50	0	6.11	<=13	Pass
	836.5	50	0	6.33	<=13	Pass

	844	50	0	6.28	<=13	Pass

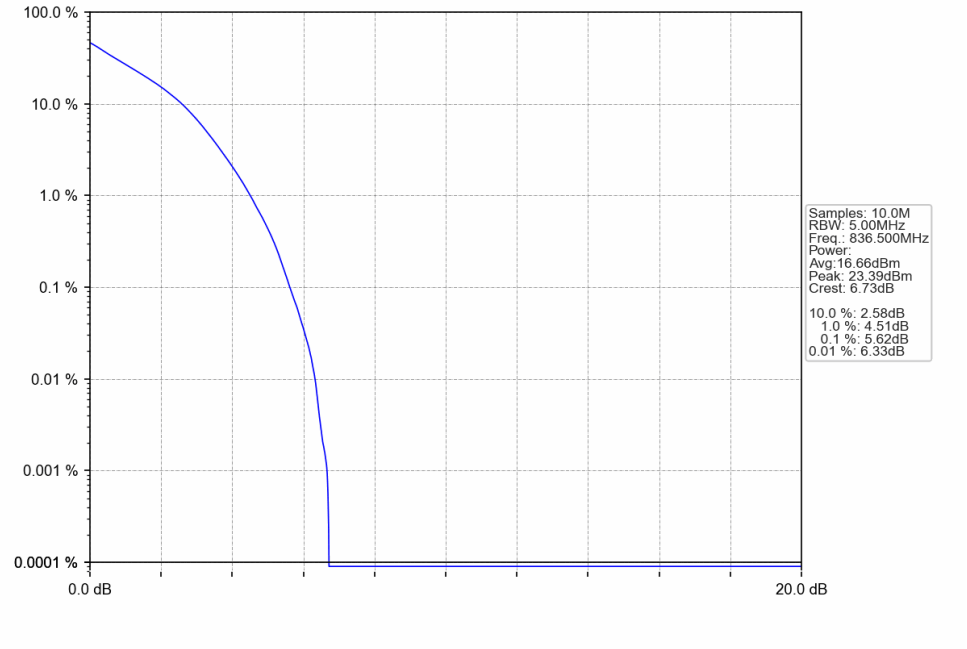
5.2 Test Graph

5.2.1 B5_1.4MHz

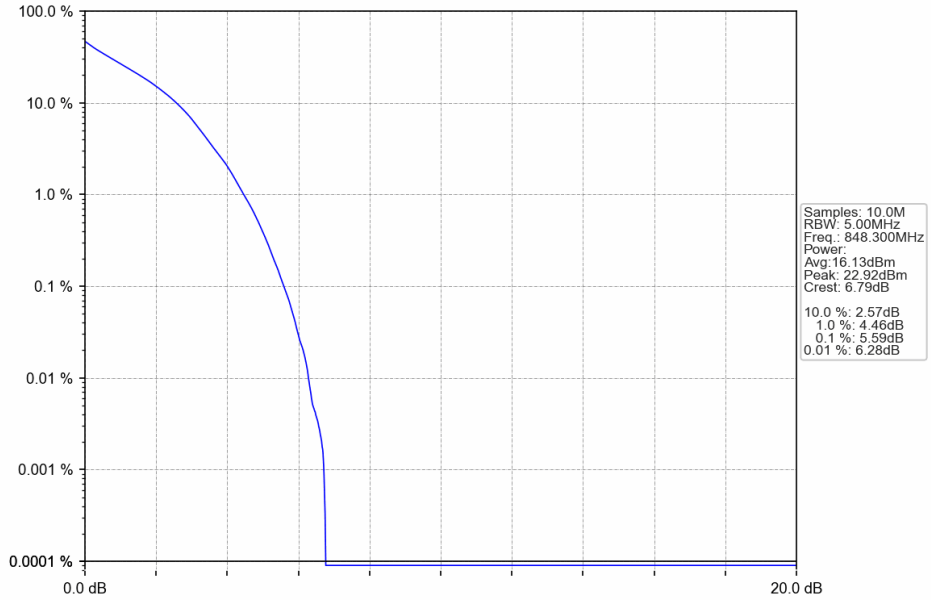
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



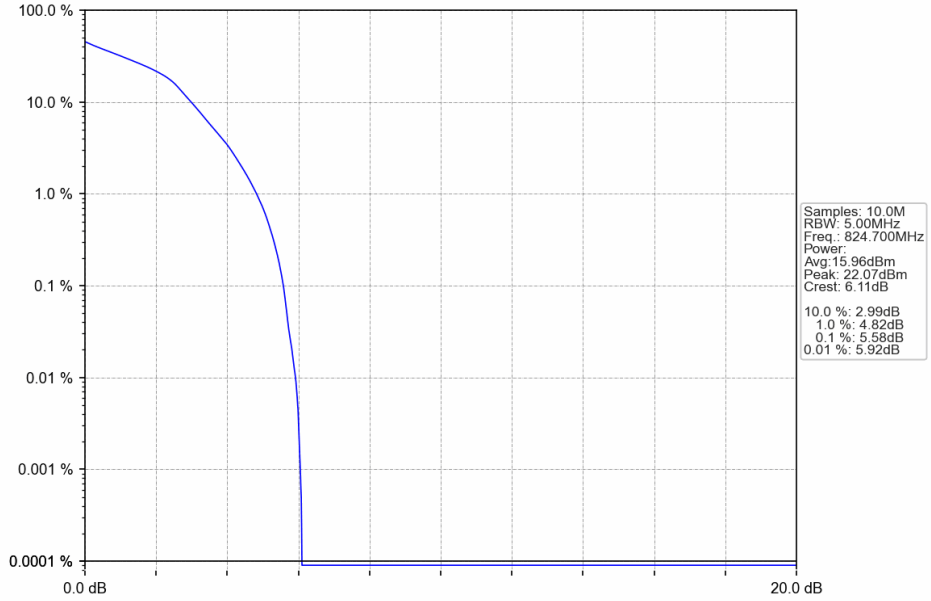
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



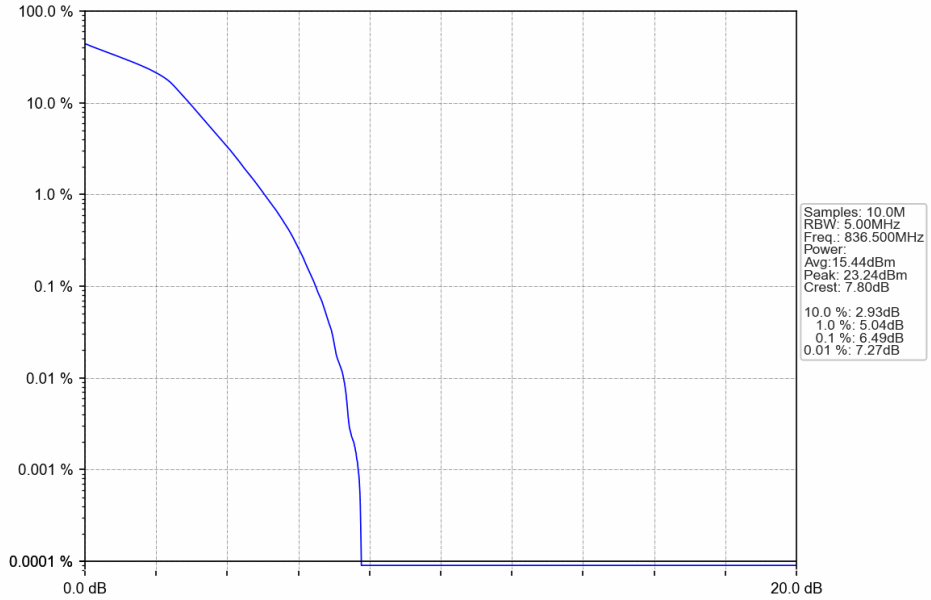
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



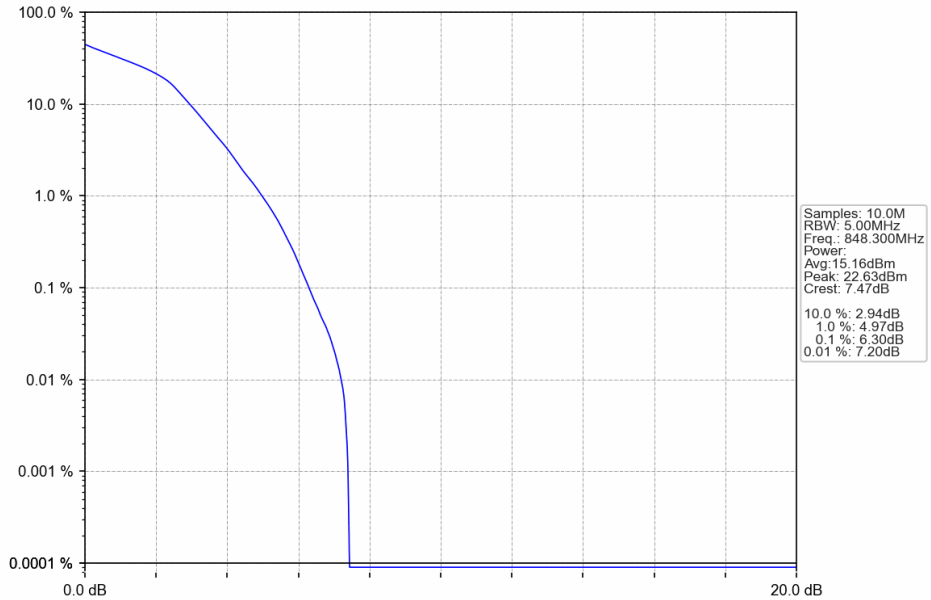
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

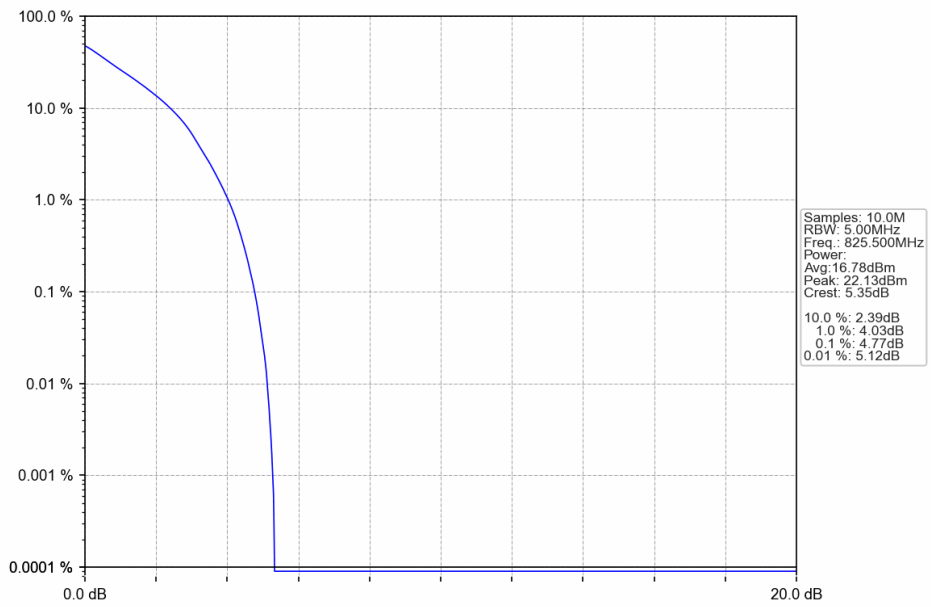


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

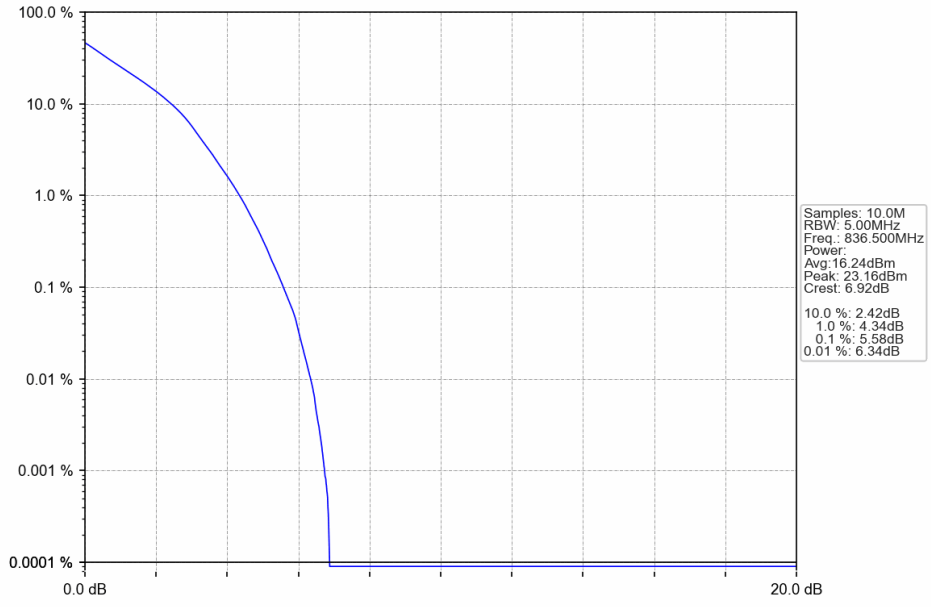


5.2.2 B5_3MHz

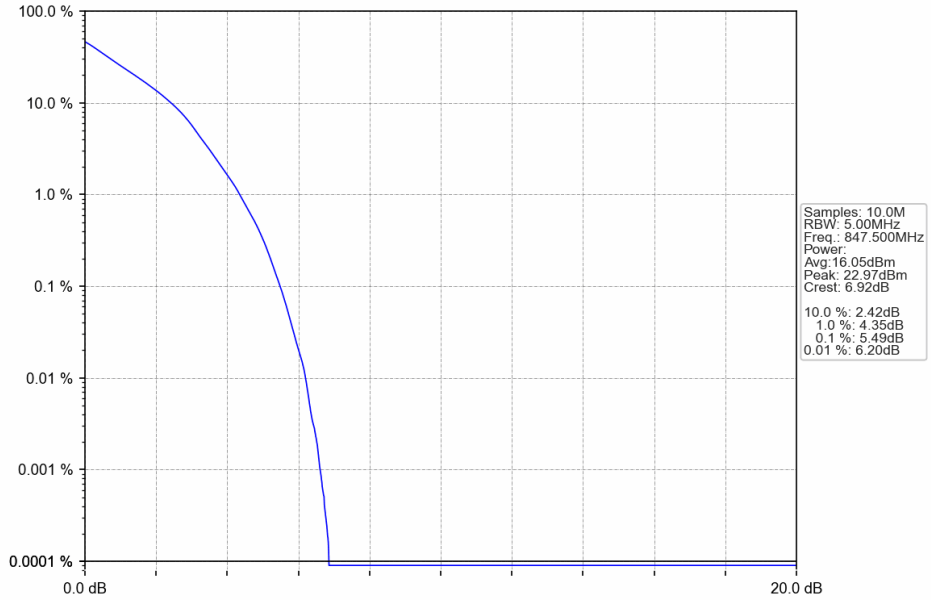
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



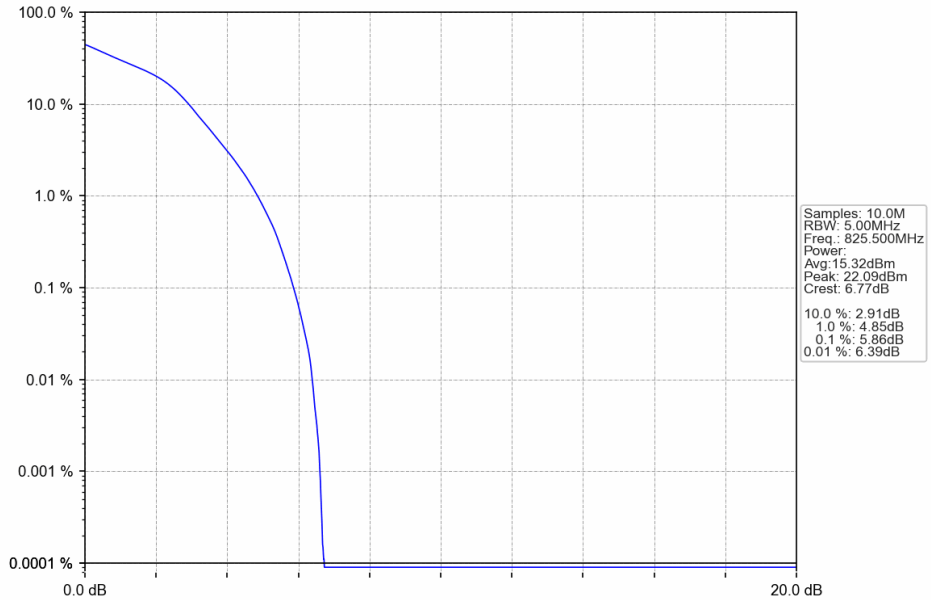
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



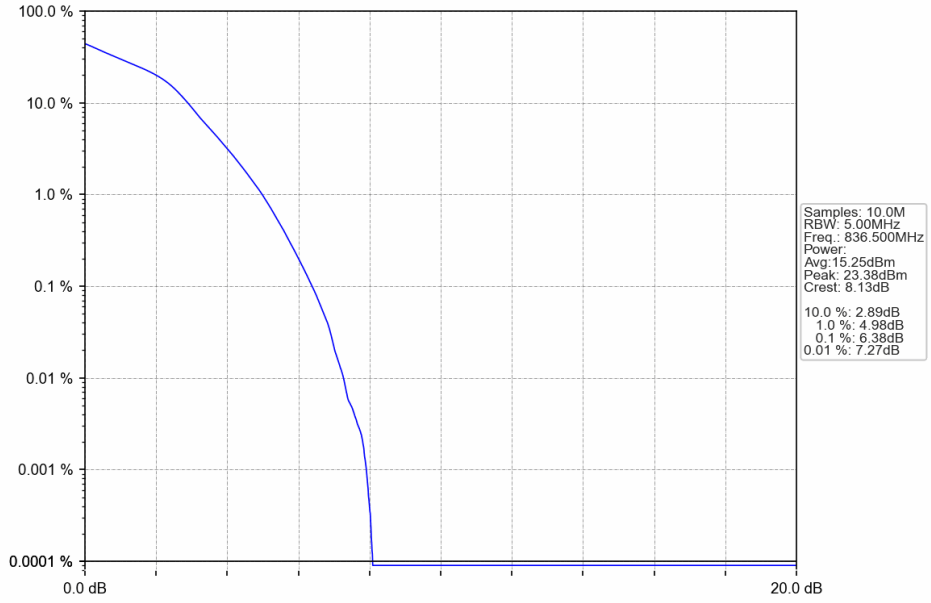
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



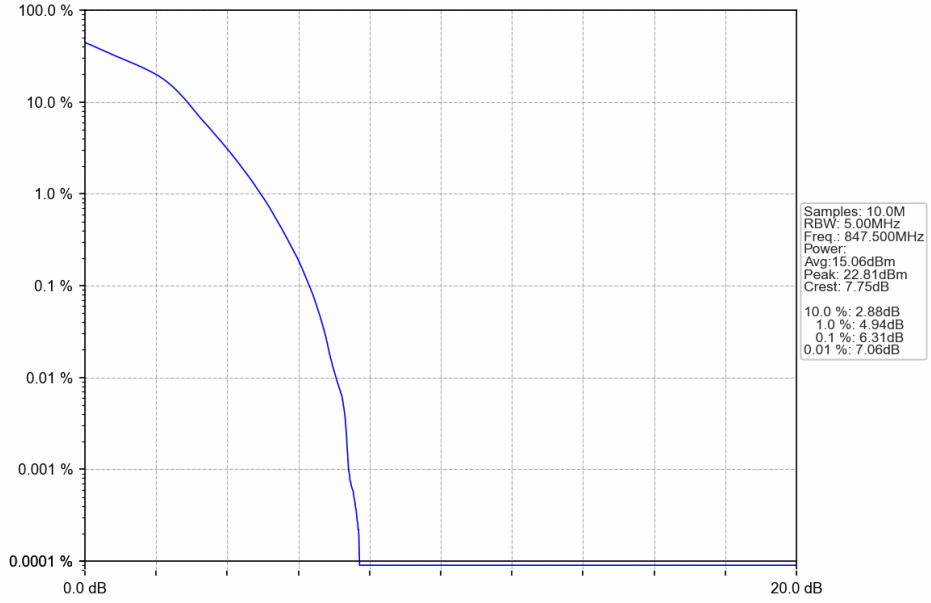
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

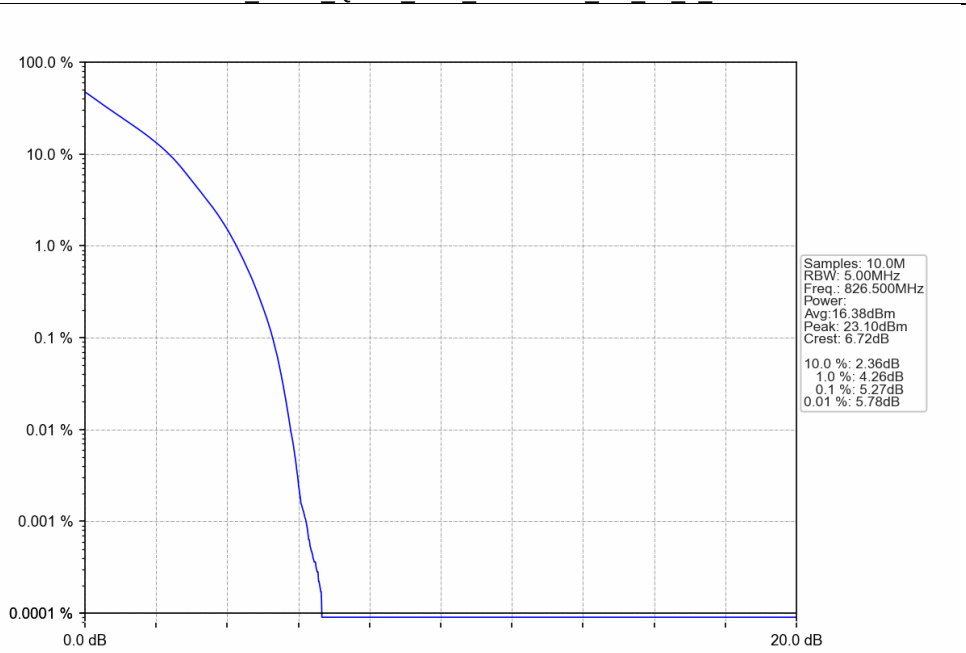


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

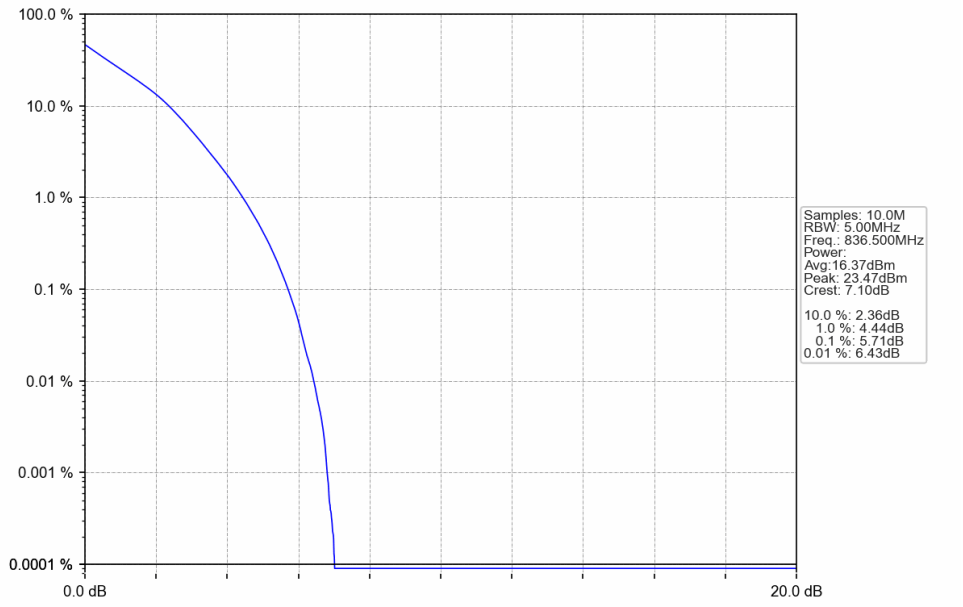


5.2.3 B5_5MHz

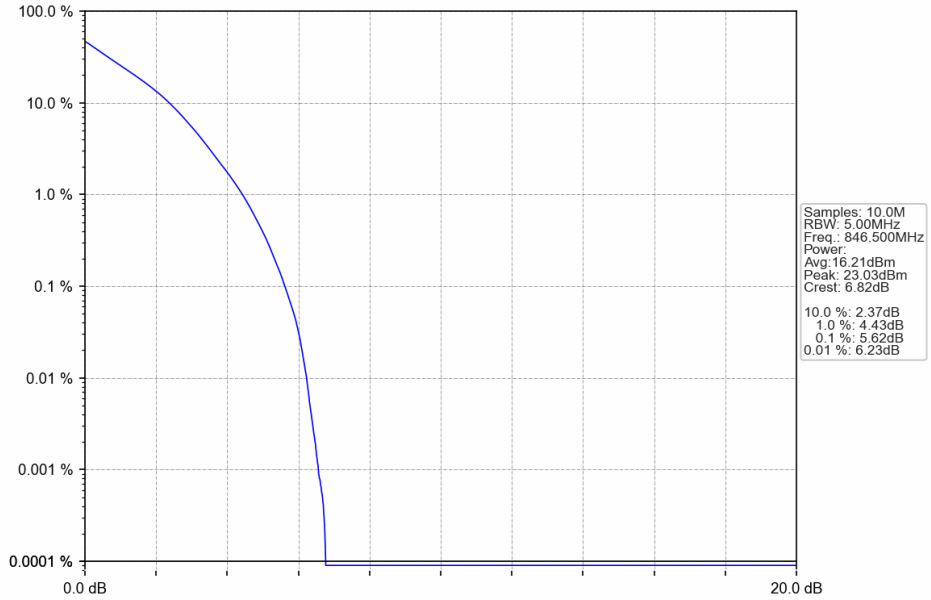
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



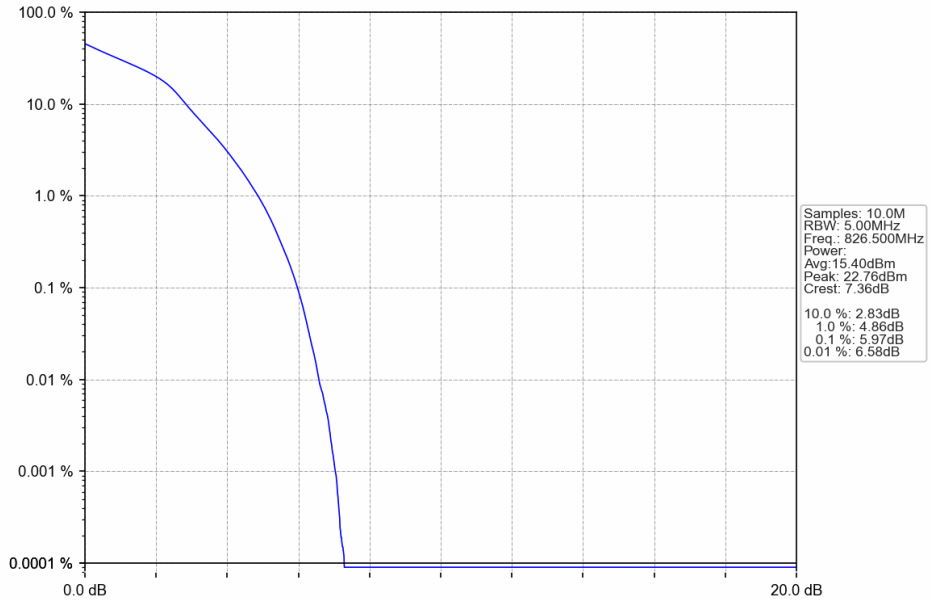
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



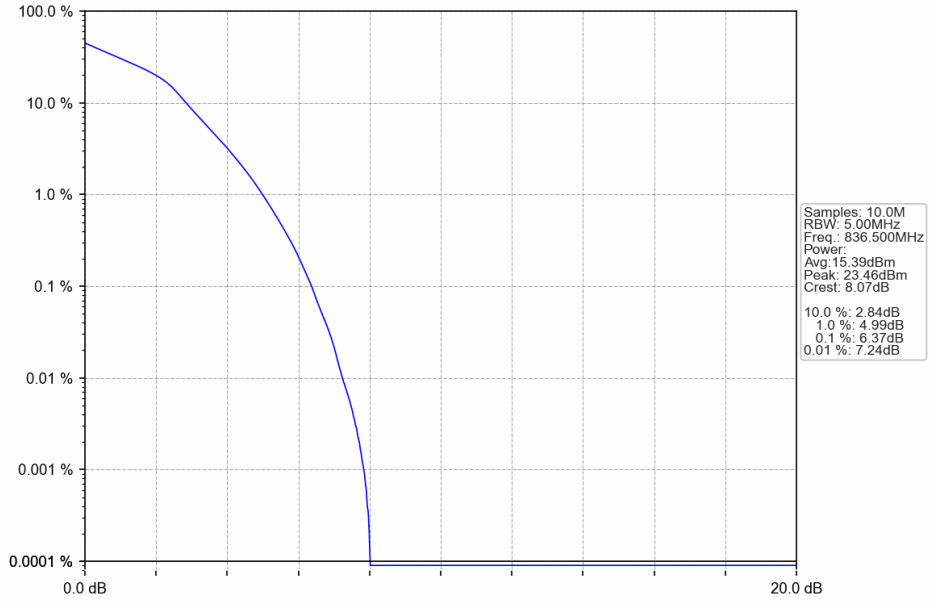
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



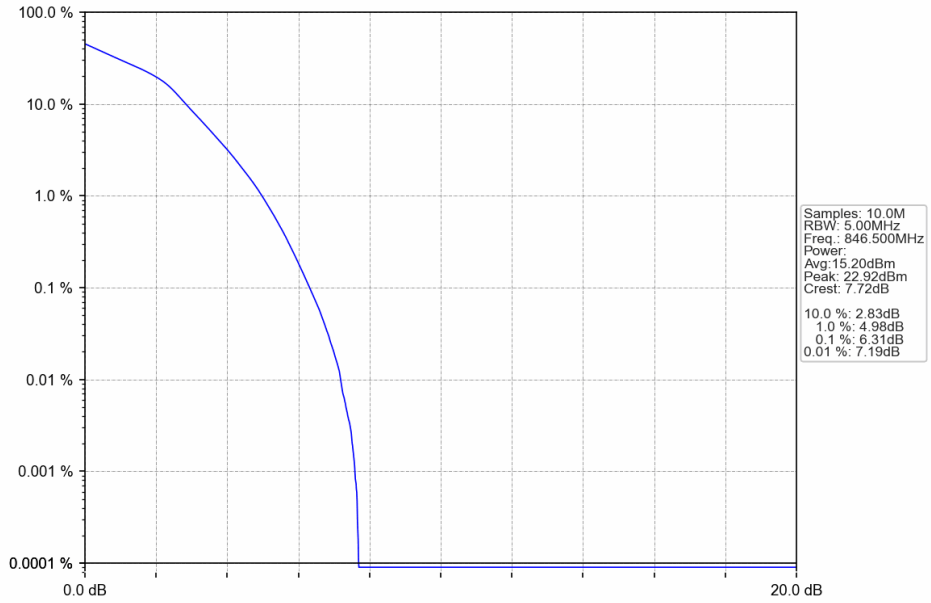
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

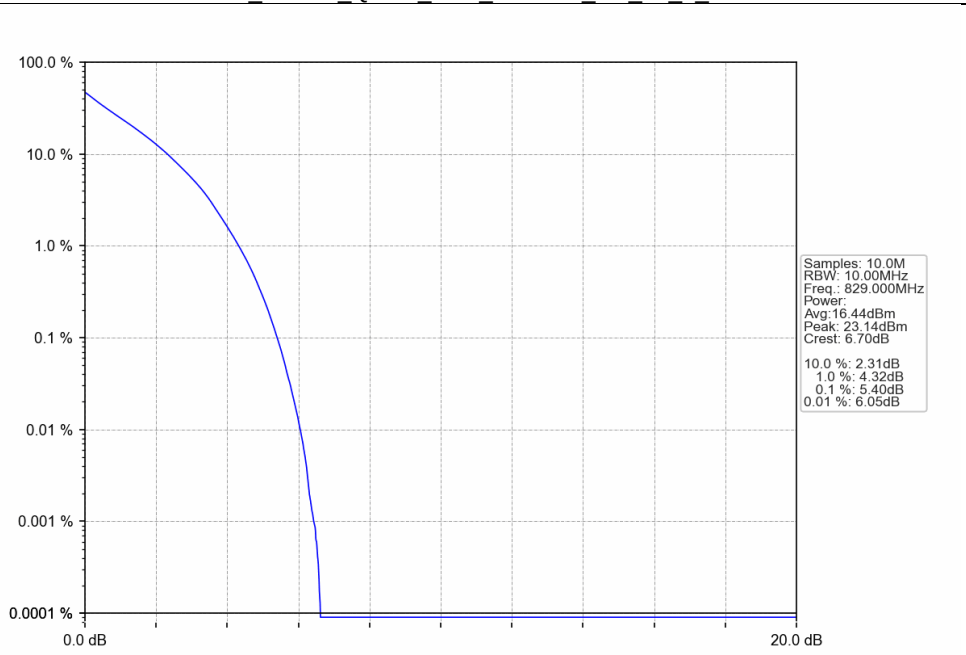


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

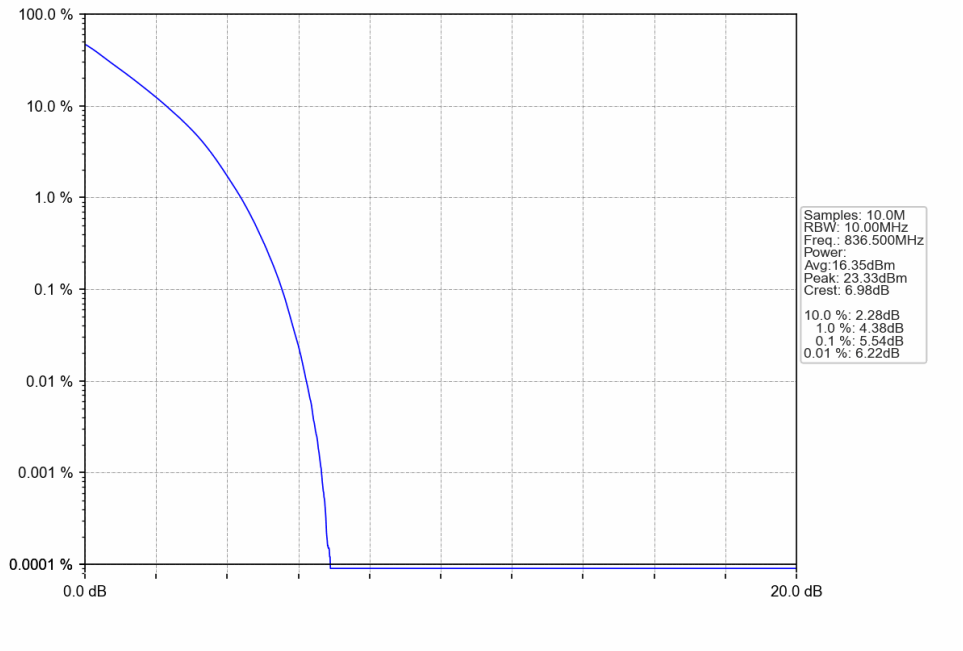


5.2.4 B5_10MHz

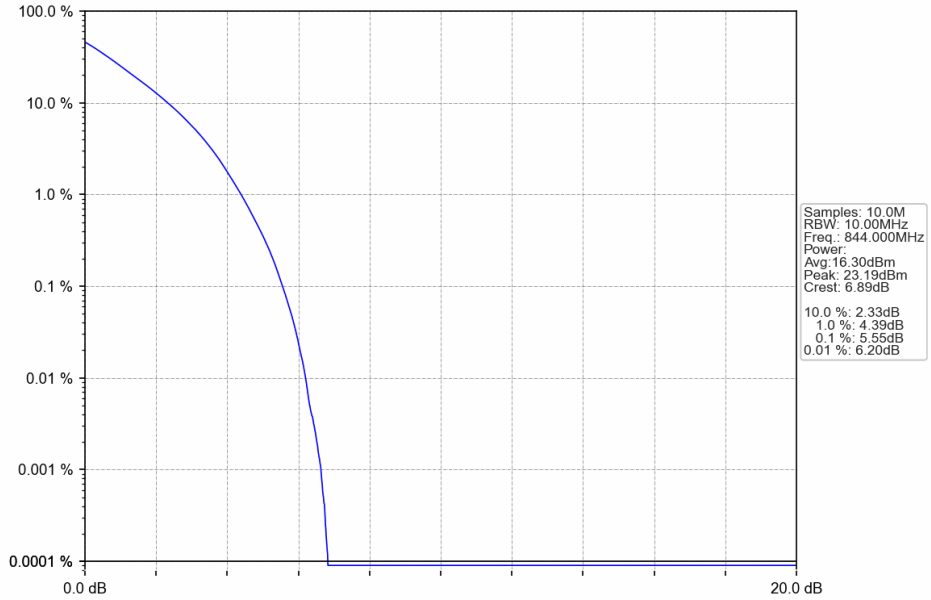
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



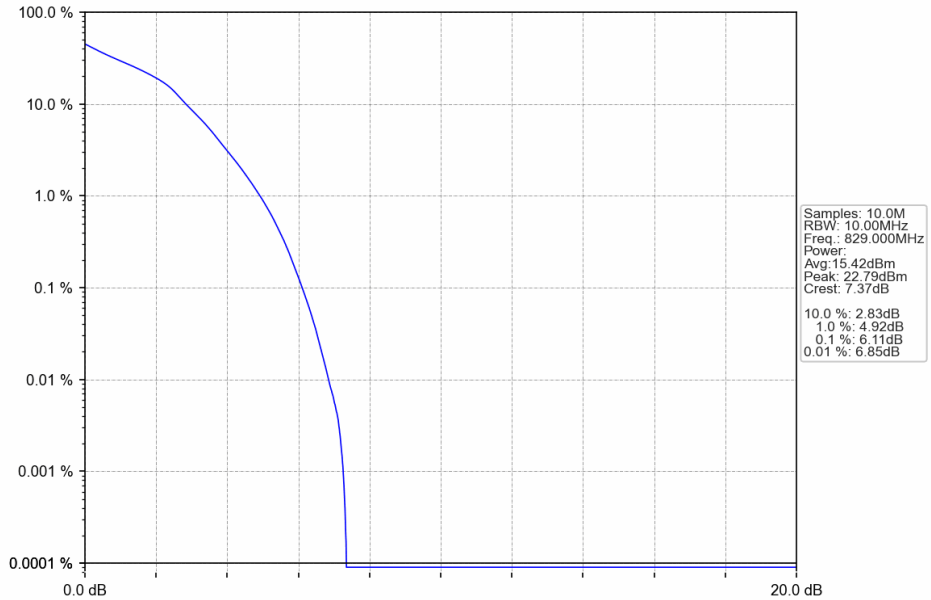
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



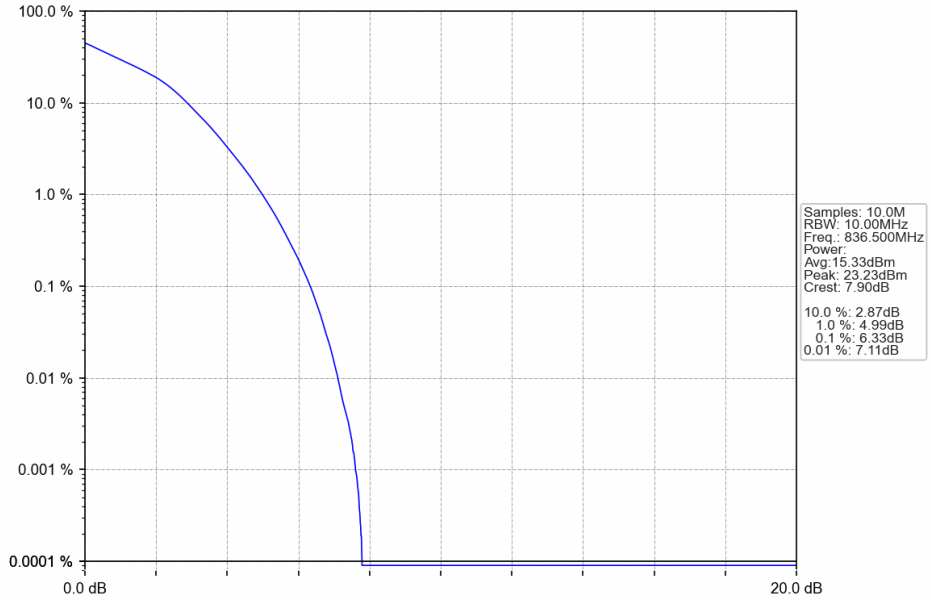
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



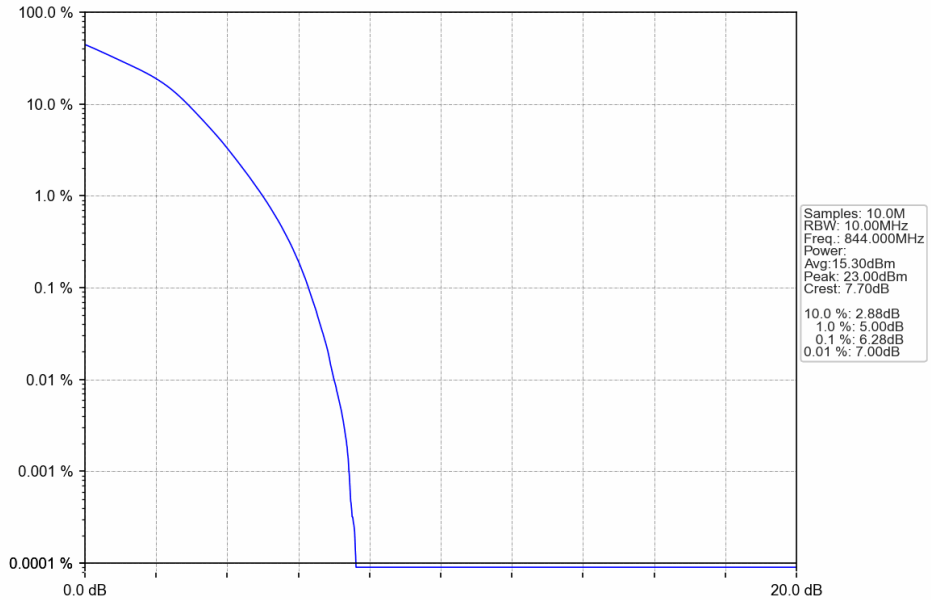
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / 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

6.1.2 B5_3MHz

Band: 5 / 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

6.1.3 B5_5MHz

Band: 5 / 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

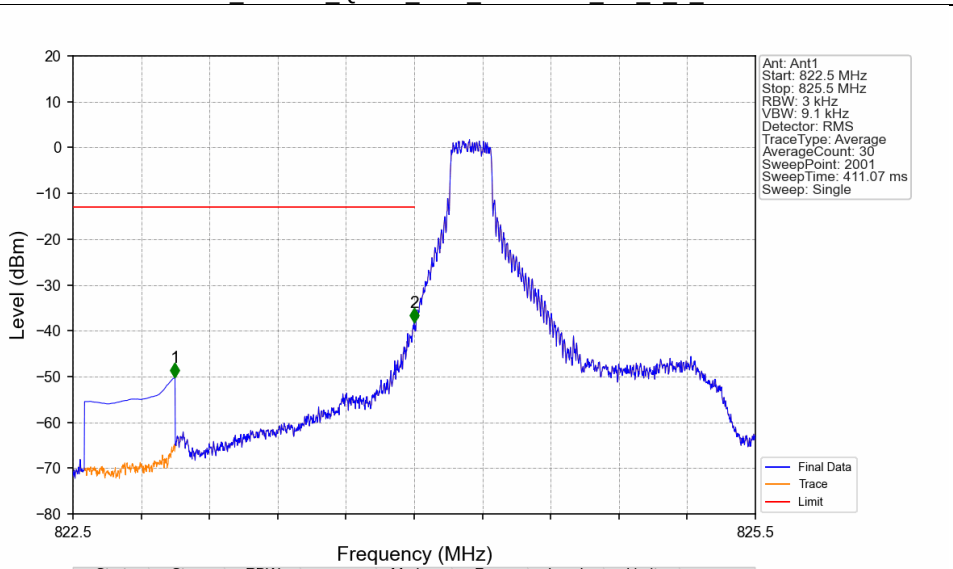
6.1.4 B5_10MHz

Band: 5 / 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

6.2 Test Graph

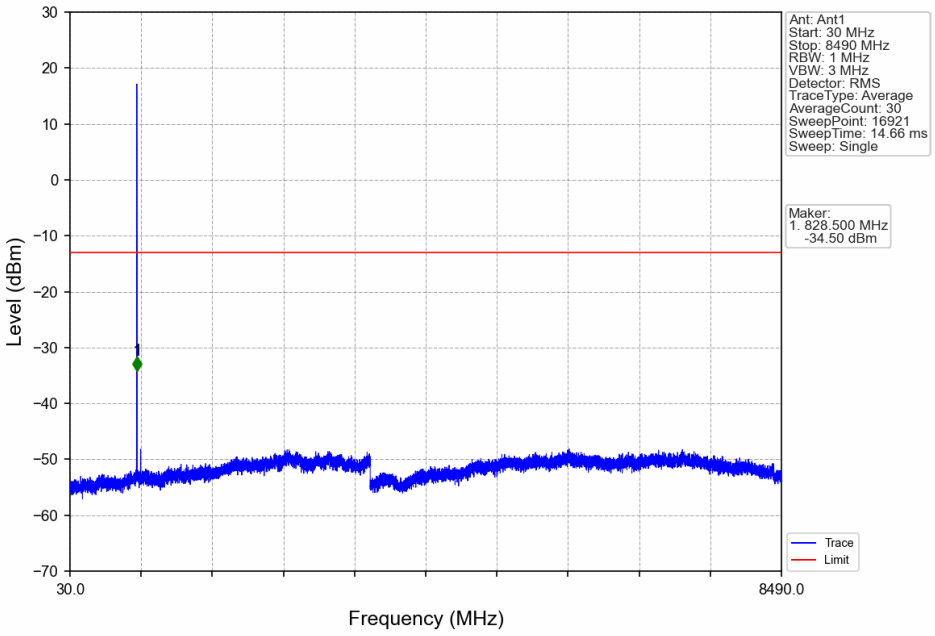
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

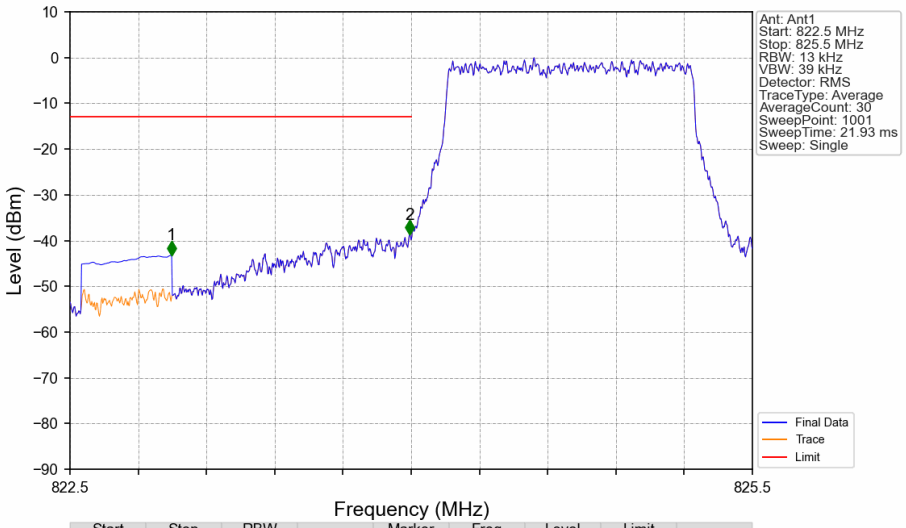


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.948	-50.25	-13	Pass
823	824	0.003	/	2	824.000	-38.26	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_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
822.5	823	0.1	CHP	1	822.947	-43.18	-13	Pass
823	824	0.013	/	2	823.994	-38.63	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV