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	23.75	-9.22	12.38	<=38.45	Pass
			2	23.77	-9.22	12.40	<=38.45	Pass
			5	23.64	-9.22	12.27	<=38.45	Pass
		3	0	23.35	-9.22	11.98	<=38.45	Pass
			2	23.36	-9.22	11.99	<=38.45	Pass
			3	23.33	-9.22	11.96	<=38.45	Pass
		6	0	22.41	-9.22	11.04	<=38.45	Pass
	836.5	1	0	23.35	-9.22	11.98	<=38.45	Pass
			2	23.39	-9.22	12.02	<=38.45	Pass
			5	23.30	-9.22	11.93	<=38.45	Pass
		3	0	23.40	-9.22	12.03	<=38.45	Pass
			2	23.42	-9.22	12.05	<=38.45	Pass
			3	23.41	-9.22	12.04	<=38.45	Pass
		6	0	22.46	-9.22	11.09	<=38.45	Pass
	848.3	1	0	23.23	-9.22	11.86	<=38.45	Pass
			2	23.29	-9.22	11.92	<=38.45	Pass
			5	23.24	-9.22	11.87	<=38.45	Pass
		3	0	23.35	-9.22	11.98	<=38.45	Pass
			2	23.37	-9.22	12.00	<=38.45	Pass
			3	23.34	-9.22	11.97	<=38.45	Pass
		6	0	22.44	-9.22	11.07	<=38.45	Pass
16QAM	824.7	1	0	22.18	-9.22	10.81	<=38.45	Pass
			2	22.25	-9.22	10.88	<=38.45	Pass
			5	22.18	-9.22	10.81	<=38.45	Pass
		3	0	22.48	-9.22	11.11	<=38.45	Pass
			2	22.53	-9.22	11.16	<=38.45	Pass
			3	22.49	-9.22	11.12	<=38.45	Pass
		6	0	21.44	-9.22	10.07	<=38.45	Pass
	836.5	1	0	22.31	-9.22	10.94	<=38.45	Pass
			2	22.37	-9.22	11.00	<=38.45	Pass
			5	22.34	-9.22	10.97	<=38.45	Pass
		3	0	22.46	-9.22	11.09	<=38.45	Pass
			2	22.47	-9.22	11.10	<=38.45	Pass
			3	22.45	-9.22	11.08	<=38.45	Pass
		6	0	21.44	-9.22	10.07	<=38.45	Pass
	848.3	1	0	22.41	-9.22	11.04	<=38.45	Pass
			2	22.44	-9.22	11.07	<=38.45	Pass
			5	22.34	-9.22	10.97	<=38.45	Pass
		3	0	22.32	-9.22	10.95	<=38.45	Pass
			2	22.34	-9.22	10.97	<=38.45	Pass
			3	22.33	-9.22	10.96	<=38.45	Pass
		6	0	21.47	-9.22	10.10	<=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	23.11	-9.22	11.74	<=38.45	Pass
			7	23.22	-9.22	11.85	<=38.45	Pass
			14	23.11	-9.22	11.74	<=38.45	Pass
		8	0	22.34	-9.22	10.97	<=38.45	Pass
			4	22.38	-9.22	11.01	<=38.45	Pass
			7	22.29	-9.22	10.92	<=38.45	Pass
		15	0	22.30	-9.22	10.93	<=38.45	Pass
	836.5	1	0	23.24	-9.22	11.87	<=38.45	Pass
			7	23.32	-9.22	11.95	<=38.45	Pass
			14	23.16	-9.22	11.79	<=38.45	Pass
		8	0	22.38	-9.22	11.01	<=38.45	Pass
			4	22.46	-9.22	11.09	<=38.45	Pass
			7	22.38	-9.22	11.01	<=38.45	Pass
		15	0	22.34	-9.22	10.97	<=38.45	Pass
	847.5	1	0	23.14	-9.22	11.77	<=38.45	Pass
			7	23.30	-9.22	11.93	<=38.45	Pass
			14	23.12	-9.22	11.75	<=38.45	Pass
		8	0	22.40	-9.22	11.03	<=38.45	Pass
			4	22.42	-9.22	11.05	<=38.45	Pass
			7	22.36	-9.22	10.99	<=38.45	Pass
		15	0	22.33	-9.22	10.96	<=38.45	Pass
16QAM	825.5	1	0	22.65	-9.22	11.28	<=38.45	Pass
			7	22.71	-9.22	11.34	<=38.45	Pass
			14	22.57	-9.22	11.20	<=38.45	Pass
		8	0	21.46	-9.22	10.09	<=38.45	Pass
			4	21.51	-9.22	10.14	<=38.45	Pass
			7	21.43	-9.22	10.06	<=38.45	Pass
		15	0	21.36	-9.22	9.99	<=38.45	Pass
	836.5	1	0	22.23	-9.22	10.86	<=38.45	Pass
			7	22.35	-9.22	10.98	<=38.45	Pass
			14	22.21	-9.22	10.84	<=38.45	Pass
		8	0	21.45	-9.22	10.08	<=38.45	Pass
			4	21.52	-9.22	10.15	<=38.45	Pass
			7	21.43	-9.22	10.06	<=38.45	Pass
		15	0	21.38	-9.22	10.01	<=38.45	Pass
	847.5	1	0	22.30	-9.22	10.93	<=38.45	Pass
			7	22.45	-9.22	11.08	<=38.45	Pass
			14	22.28	-9.22	10.91	<=38.45	Pass
		8	0	21.33	-9.22	9.96	<=38.45	Pass
			4	21.38	-9.22	10.01	<=38.45	Pass
			7	21.31	-9.22	9.94	<=38.45	Pass
		15	0	21.29	-9.22	9.92	<=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	23.35	-9.22	11.98	<=38.45	Pass
			13	23.48	-9.22	12.11	<=38.45	Pass
			24	23.36	-9.22	11.99	<=38.45	Pass
		12	0	22.36	-9.22	10.99	<=38.45	Pass

			6	22.38	-9.22	11.01	<=38.45	Pass
			13	22.30	-9.22	10.93	<=38.45	Pass
		25	0	22.34	-9.22	10.97	<=38.45	Pass
	836.5	1	0	23.40	-9.22	12.03	<=38.45	Pass
			13	23.51	-9.22	12.14	<=38.45	Pass
			24	23.42	-9.22	12.05	<=38.45	Pass
		12	0	22.35	-9.22	10.98	<=38.45	Pass
			6	22.46	-9.22	11.09	<=38.45	Pass
			13	22.43	-9.22	11.06	<=38.45	Pass
		25	0	22.43	-9.22	11.06	<=38.45	Pass
	846.5	1	0	23.35	-9.22	11.98	<=38.45	Pass
			13	23.52	-9.22	12.15	<=38.45	Pass
			24	23.40	-9.22	12.03	<=38.45	Pass
		12	0	22.40	-9.22	11.03	<=38.45	Pass
			6	22.46	-9.22	11.09	<=38.45	Pass
			13	22.48	-9.22	11.11	<=38.45	Pass
		25	0	22.48	-9.22	11.11	<=38.45	Pass
16QAM	826.5	1	0	22.44	-9.22	11.07	<=38.45	Pass
			13	22.51	-9.22	11.14	<=38.45	Pass
			24	22.43	-9.22	11.06	<=38.45	Pass
		12	0	21.35	-9.22	9.98	<=38.45	Pass
			6	21.36	-9.22	9.99	<=38.45	Pass
			13	21.31	-9.22	9.94	<=38.45	Pass
		25	0	21.36	-9.22	9.99	<=38.45	Pass
	836.5	1	0	22.65	-9.22	11.28	<=38.45	Pass
			13	22.78	-9.22	11.41	<=38.45	Pass
			24	22.71	-9.22	11.34	<=38.45	Pass
		12	0	21.34	-9.22	9.97	<=38.45	Pass
			6	21.49	-9.22	10.12	<=38.45	Pass
			13	21.52	-9.22	10.15	<=38.45	Pass
		25	0	21.44	-9.22	10.07	<=38.45	Pass
	846.5	1	0	22.22	-9.22	10.85	<=38.45	Pass
			13	22.39	-9.22	11.02	<=38.45	Pass
			24	22.25	-9.22	10.88	<=38.45	Pass
		12	0	21.38	-9.22	10.01	<=38.45	Pass
			6	21.47	-9.22	10.10	<=38.45	Pass
			13	21.49	-9.22	10.12	<=38.45	Pass
		25	0	21.50	-9.22	10.13	<=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	23.40	-9.22	12.03	<=38.45	Pass
			25	23.41	-9.22	12.04	<=38.45	Pass
			49	23.44	-9.22	12.07	<=38.45	Pass
		25	0	22.40	-9.22	11.03	<=38.45	Pass
			13	22.42	-9.22	11.05	<=38.45	Pass
			25	22.40	-9.22	11.03	<=38.45	Pass
		50	0	22.41	-9.22	11.04	<=38.45	Pass
	836.5	1	0	23.48	-9.22	12.11	<=38.45	Pass
			25	23.55	-9.22	12.18	<=38.45	Pass
			49	23.49	-9.22	12.12	<=38.45	Pass
		25	0	22.33	-9.22	10.96	<=38.45	Pass

			13	22.50	-9.22	11.13	<=38.45	Pass
			25	22.48	-9.22	11.11	<=38.45	Pass
		50	0	22.43	-9.22	11.06	<=38.45	Pass
	844	1	0	23.47	-9.22	12.10	<=38.45	Pass
			25	23.48	-9.22	12.11	<=38.45	Pass
			49	23.44	-9.22	12.07	<=38.45	Pass
		25	0	22.51	-9.22	11.14	<=38.45	Pass
			13	22.47	-9.22	11.10	<=38.45	Pass
			25	22.42	-9.22	11.05	<=38.45	Pass
		50	0	22.51	-9.22	11.14	<=38.45	Pass
16QAM	829	1	0	22.88	-9.22	11.51	<=38.45	Pass
			25	22.94	-9.22	11.57	<=38.45	Pass
			49	22.99	-9.22	11.62	<=38.45	Pass
		25	0	21.48	-9.22	10.11	<=38.45	Pass
			13	21.48	-9.22	10.11	<=38.45	Pass
			25	21.48	-9.22	10.11	<=38.45	Pass
		50	0	21.40	-9.22	10.03	<=38.45	Pass
	836.5	1	0	22.45	-9.22	11.08	<=38.45	Pass
			25	22.54	-9.22	11.17	<=38.45	Pass
			49	22.49	-9.22	11.12	<=38.45	Pass
		25	0	21.41	-9.22	10.04	<=38.45	Pass
			13	21.62	-9.22	10.25	<=38.45	Pass
			25	21.57	-9.22	10.20	<=38.45	Pass
		50	0	21.40	-9.22	10.03	<=38.45	Pass
	844	1	0	22.63	-9.22	11.26	<=38.45	Pass
			25	22.65	-9.22	11.28	<=38.45	Pass
			49	22.59	-9.22	11.22	<=38.45	Pass
		25	0	21.59	-9.22	10.22	<=38.45	Pass
			13	21.51	-9.22	10.14	<=38.45	Pass
			25	21.47	-9.22	10.10	<=38.45	Pass
		50	0	21.48	-9.22	10.11	<=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	-5.651	-0.0069	-2.5 to 2.5	Pass
					3.85	4.978	0.0060	-2.5 to 2.5	Pass
					4.43	-6.695	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.459	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.380	-0.0077	-2.5 to 2.5	Pass
				40	3.85	1.531	0.0019	-2.5 to 2.5	Pass
				50	3.85	4.363	0.0053	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-13.318	-0.0159	-2.5 to 2.5	Pass
					3.85	0.057	0.0001	-2.5 to 2.5	Pass

					4.43	-6.294	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.862	0.0046	-2.5 to 2.5	Pass
				-10	3.85	1.130	0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0036	-2.5 to 2.5	Pass
				10	3.85	4.234	0.0051	-2.5 to 2.5	Pass
				30	3.85	-6.208	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-9.756	-0.0117	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-2.789	-0.0033	-2.5 to 2.5	Pass
					3.85	-10.228	-0.0121	-2.5 to 2.5	Pass
					4.43	-9.341	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.774	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-7.453	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-5.622	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0099	-2.5 to 2.5	Pass
				40	3.85	4.721	0.0056	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0065	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	0.916	0.0011	-2.5 to 2.5	Pass
					3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
					4.43	1.059	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-7.153	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-6.781	-0.0082	-2.5 to 2.5	Pass
				0	3.85	5.393	0.0065	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0051	-2.5 to 2.5	Pass
				30	3.85	2.646	0.0032	-2.5 to 2.5	Pass
				40	3.85	0.744	0.0009	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0090	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-3.633	-0.0043	-2.5 to 2.5	Pass
					3.85	3.047	0.0036	-2.5 to 2.5	Pass
					4.43	2.789	0.0033	-2.5 to 2.5	Pass
				-30	3.85	-7.582	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	2.832	0.0034	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-10.686	-0.0128	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.873	0.0010	-2.5 to 2.5	Pass
					3.85	-4.091	-0.0048	-2.5 to 2.5	Pass
					4.43	-6.266	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-5.665	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-7.124	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	4.077	0.0048	-2.5 to 2.5	Pass
				0	3.85	6.394	0.0075	-2.5 to 2.5	Pass
				10	3.85	-9.170	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-8.883	-0.0105	-2.5 to 2.5	Pass
				40	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.016	0.0012	-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	-7.124	-0.0086	-2.5 to 2.5	Pass
					3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
					4.43	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	3.505	0.0042	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	2.990	0.0036	-2.5 to 2.5	Pass
				0	3.85	3.819	0.0046	-2.5 to 2.5	Pass
				10	3.85	0.472	0.0006	-2.5 to 2.5	Pass
				30	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				40	3.85	3.762	0.0046	-2.5 to 2.5	Pass
				50	3.85	-7.782	-0.0094	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-8.669	-0.0104	-2.5 to 2.5	Pass
					3.85	1.445	0.0017	-2.5 to 2.5	Pass
					4.43	-5.064	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-7.138	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-7.496	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-11.001	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-4.363	-0.0051	-2.5 to 2.5	Pass
					3.85	-8.755	-0.0103	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-9.427	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-7.095	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-3.862	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-9.084	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-8.969	-0.0106	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	0.916	0.0011	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0050	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.532	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-7.238	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	2.389	0.0029	-2.5 to 2.5	Pass
				0	3.85	5.708	0.0069	-2.5 to 2.5	Pass
				10	3.85	-7.696	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				50	3.85	-5.264	-0.0064	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.672	-0.0008	-2.5 to 2.5	Pass
					3.85	-5.550	-0.0066	-2.5 to 2.5	Pass
					4.43	2.947	0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-4.935	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	5.250	0.0063	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-9.427	-0.0113	-2.5 to 2.5	Pass
				30	3.85	3.562	0.0043	-2.5 to 2.5	Pass
				40	3.85	4.263	0.0051	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0063	-2.5 to 2.5	Pass

	847.5	15	0	20	3.27	-1.016	-0.0012	-2.5 to 2.5	Pass
					3.85	1.602	0.0019	-2.5 to 2.5	Pass
					4.43	-7.825	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-8.211	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	1.416	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-10.757	-0.0127	-2.5 to 2.5	Pass
				10	3.85	1.245	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.747	0.0032	-2.5 to 2.5	Pass
				40	3.85	1.202	0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.760	-0.0021	-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	-2.246	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0034	-2.5 to 2.5	Pass
					4.43	0.429	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-3.891	-0.0047	-2.5 to 2.5	Pass
				0	3.85	2.532	0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.420	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-4.449	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-3.076	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.190	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	1.717	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-7.653	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-5.236	-0.0063	-2.5 to 2.5	Pass
				50	3.85	1.731	0.0021	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-4.520	-0.0053	-2.5 to 2.5	Pass
					3.85	1.016	0.0012	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-8.798	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	3.018	0.0036	-2.5 to 2.5	Pass
				0	3.85	3.147	0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.320	-0.0051	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.608	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0044	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	1.216	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-6.866	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0036	-2.5 to 2.5	Pass

				0	3.85	-7.997	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-3.548	-0.0043	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-7.238	-0.0087	-2.5 to 2.5	Pass
					3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
					4.43	2.046	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	1.516	0.0018	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0067	-2.5 to 2.5	Pass
				10	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				30	3.85	-4.463	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-5.050	-0.0060	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-1.173	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-9.742	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	2.046	0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.631	-0.0019	-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	-3.419	-0.0041	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0052	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.459	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	1.345	0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				50	3.85	0.443	0.0005	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-1.187	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.077	-0.0049	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-5.465	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.486	-0.0006	-2.5 to 2.5	Pass

					3.85	-3.648	-0.0043	-2.5 to 2.5	Pass
					4.43	-5.794	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-5.779	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-4.992	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-2.675	-0.0032	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-1.431	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-6.537	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-4.964	-0.0059	-2.5 to 2.5	Pass
					3.85	-7.052	-0.0084	-2.5 to 2.5	Pass
					4.43	-1.888	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-3.276	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0023	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-2.103	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.835	-0.0057	-2.5 to 2.5	Pass
					4.43	-3.490	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-1.788	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-3.676	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-5.722	-0.0068	-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

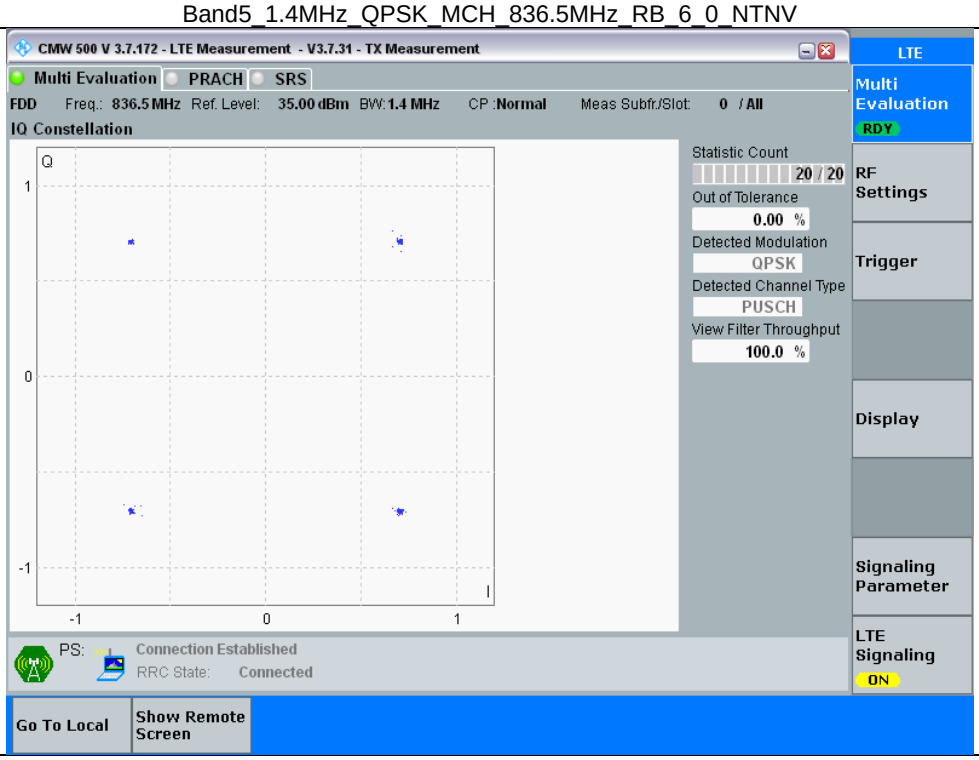
3.1.4 B5_10MHz

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

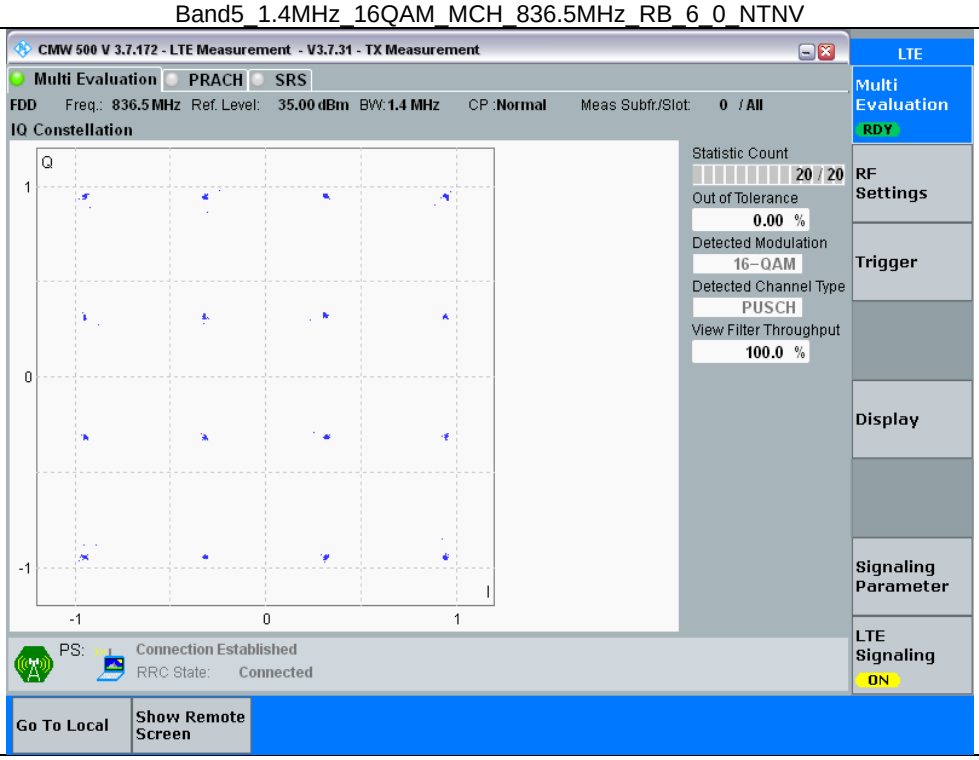
3.2 Test Graph

3.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

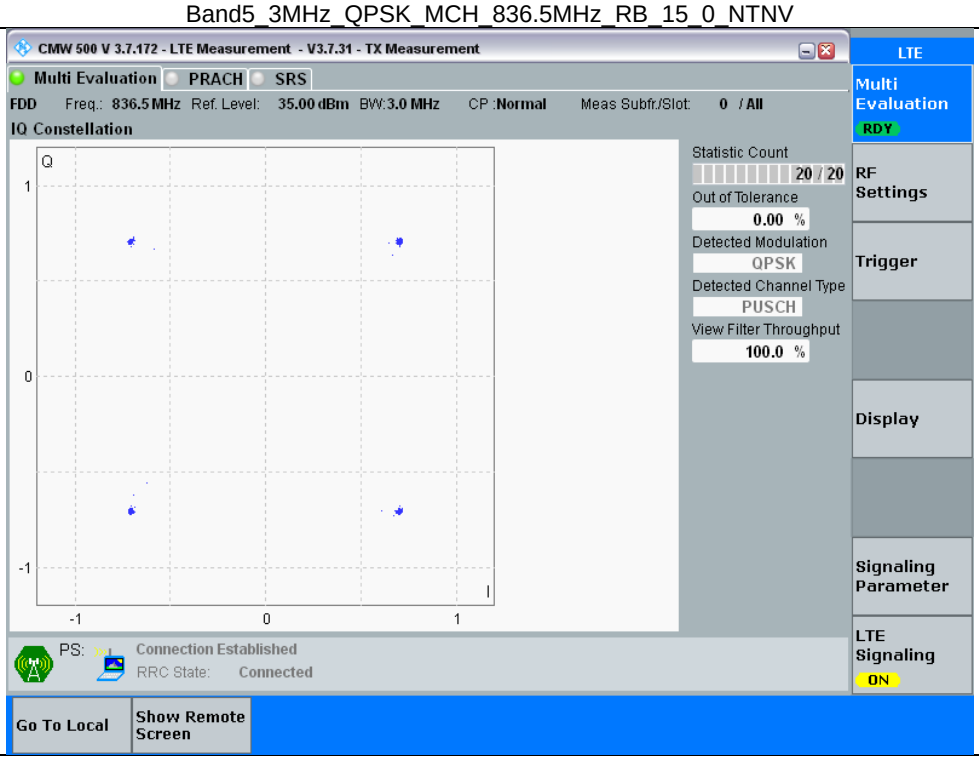


Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

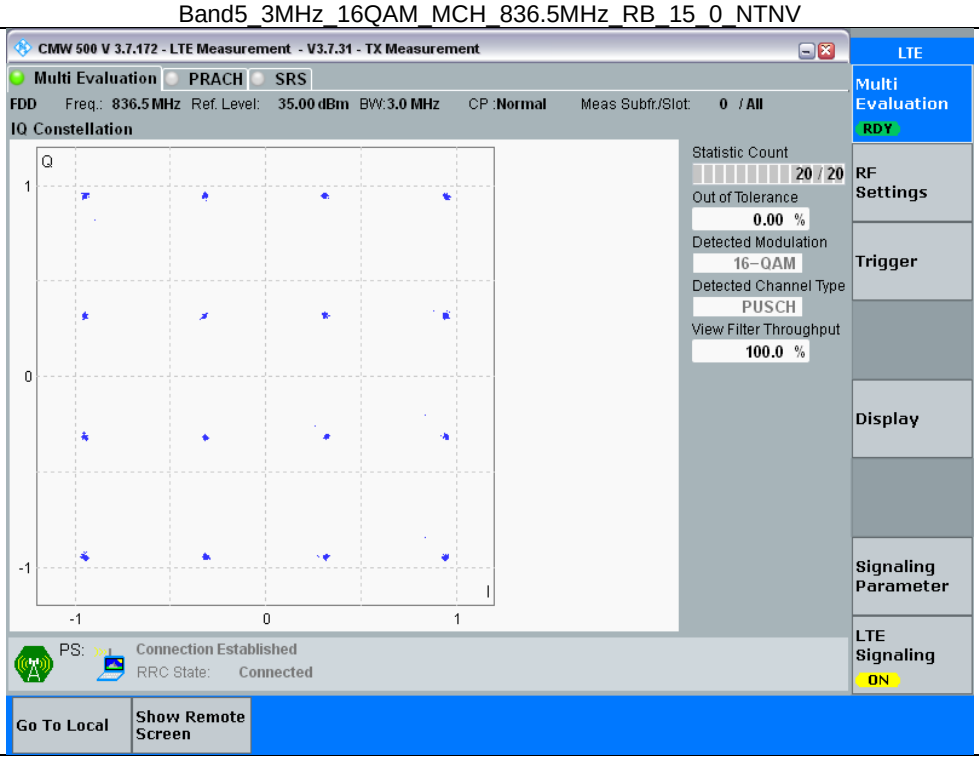


3.2.2 B5_3MHz

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

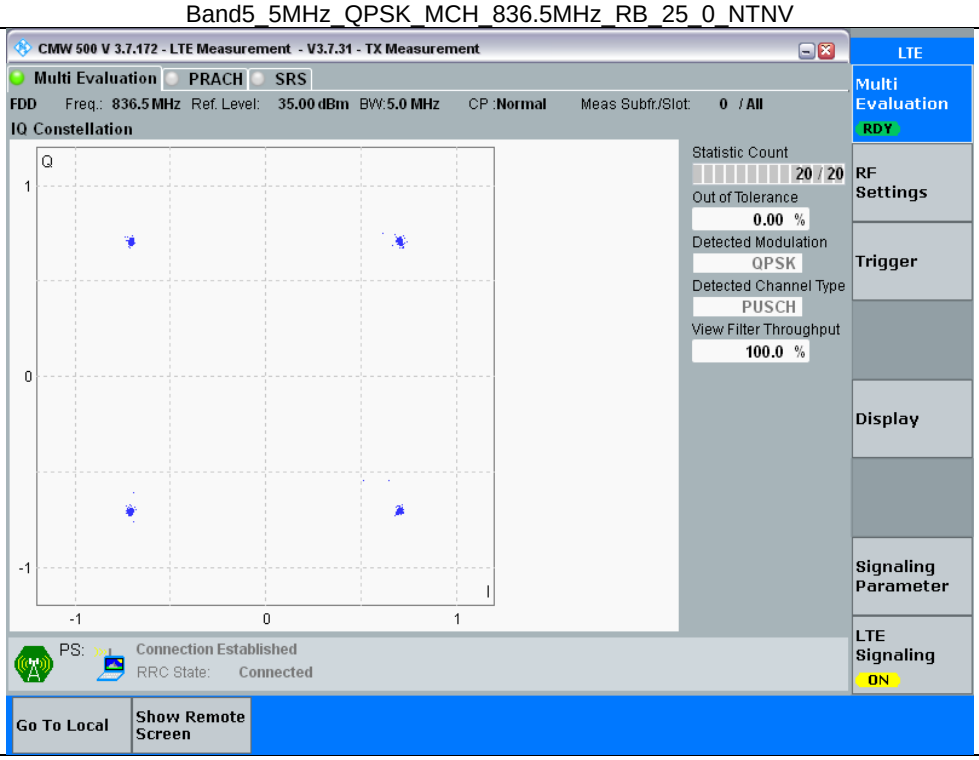


Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

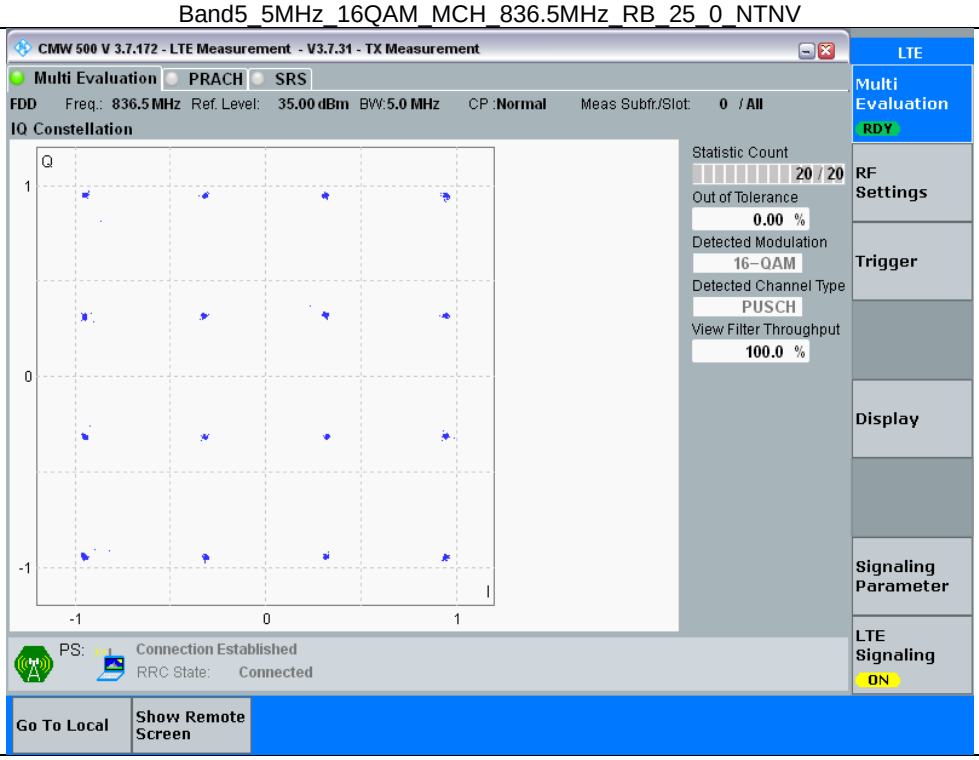


3.2.3 B5_5MHz

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

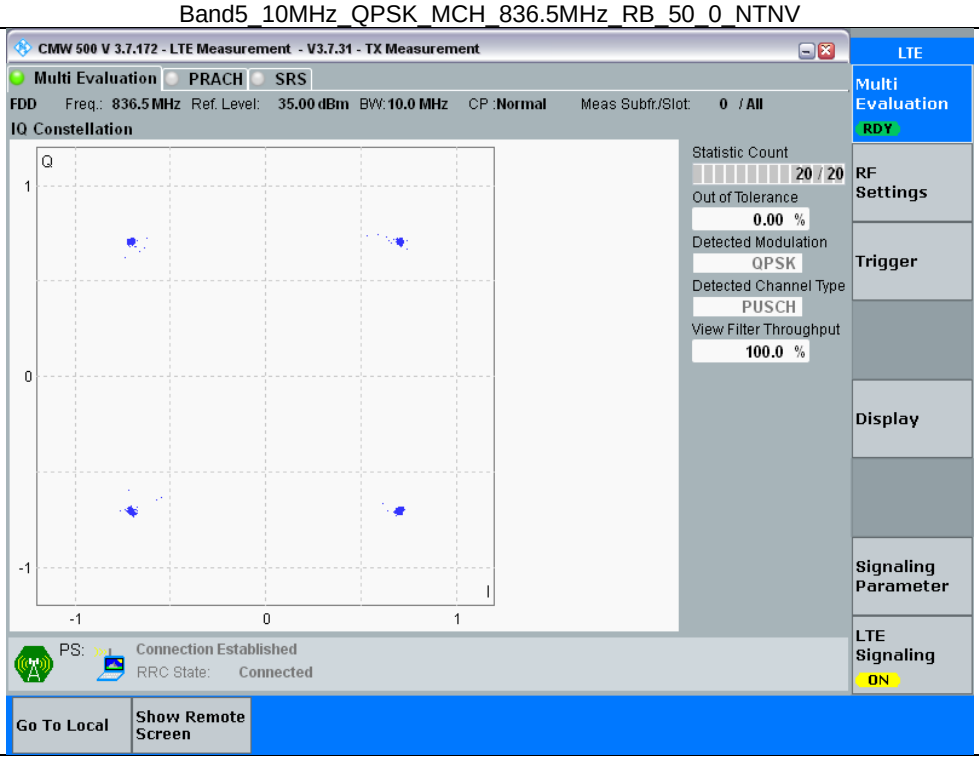


Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

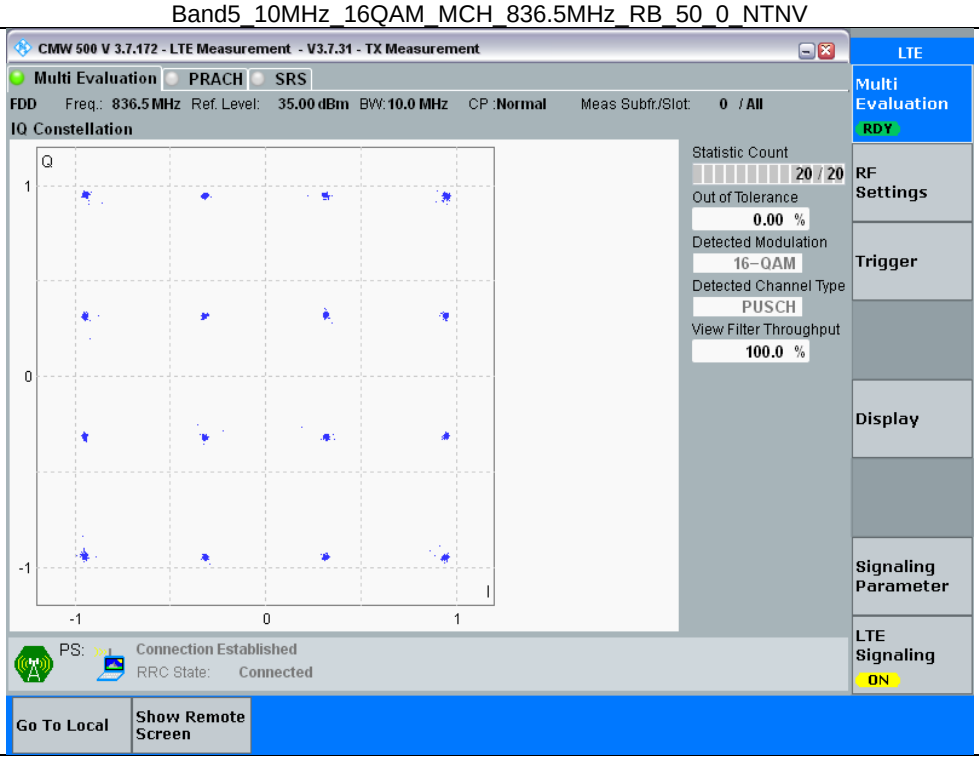


3.2.4 B5_10MHz

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	1.112	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.103	/	Pass
		848.3	6	0	1.101	/	Pass
3	QPSK	825.5	15	0	2.725	/	Pass
		836.5	15	0	2.726	/	Pass
		847.5	15	0	2.736	/	Pass
	16QAM	825.5	15	0	2.750	/	Pass
		836.5	15	0	2.714	/	Pass
		847.5	15	0	2.719	/	Pass
5	QPSK	826.5	25	0	4.541	/	Pass
		836.5	25	0	4.553	/	Pass
		846.5	25	0	4.550	/	Pass
	16QAM	826.5	25	0	4.562	/	Pass
		836.5	25	0	4.537	/	Pass
		846.5	25	0	4.570	/	Pass
10	QPSK	829	50	0	9.084	/	Pass
		836.5	50	0	9.018	/	Pass
		844	50	0	9.073	/	Pass
	16QAM	829	50	0	9.063	/	Pass
		836.5	50	0	9.030	/	Pass
		844	50	0	9.059	/	Pass

4.1.2 Band5_XDB

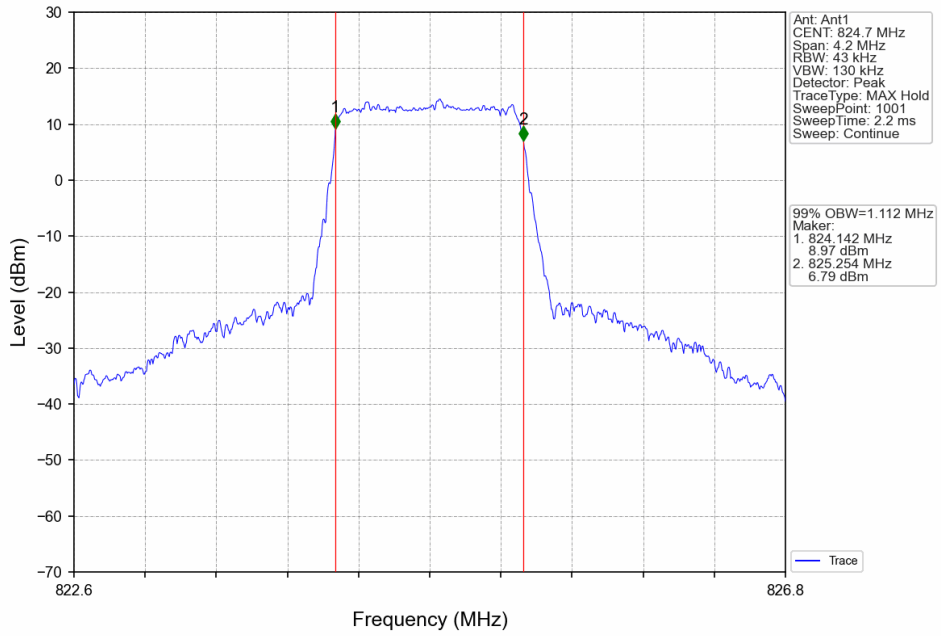
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.299	/	Pass
		836.5	6	0	1.316	/	Pass
		848.3	6	0	1.304	/	Pass
	16QAM	824.7	6	0	1.302	/	Pass
		836.5	6	0	1.294	/	Pass
		848.3	6	0	1.291	/	Pass
3	QPSK	825.5	15	0	3.027	/	Pass
		836.5	15	0	3.025	/	Pass
		847.5	15	0	3.046	/	Pass
	16QAM	825.5	15	0	3.039	/	Pass
		836.5	15	0	3.026	/	Pass
		847.5	15	0	3.046	/	Pass
5	QPSK	826.5	25	0	5.013	/	Pass

		836.5	25	0	4.997	/	Pass
		846.5	25	0	4.972	/	Pass
	16QAM	826.5	25	0	5.006	/	Pass
		836.5	25	0	4.984	/	Pass
		846.5	25	0	5.026	/	Pass
10	QPSK	829	50	0	9.914	/	Pass
		836.5	50	0	9.895	/	Pass
		844	50	0	9.922	/	Pass
	16QAM	829	50	0	9.905	/	Pass
		836.5	50	0	9.883	/	Pass
		844	50	0	9.906	/	Pass

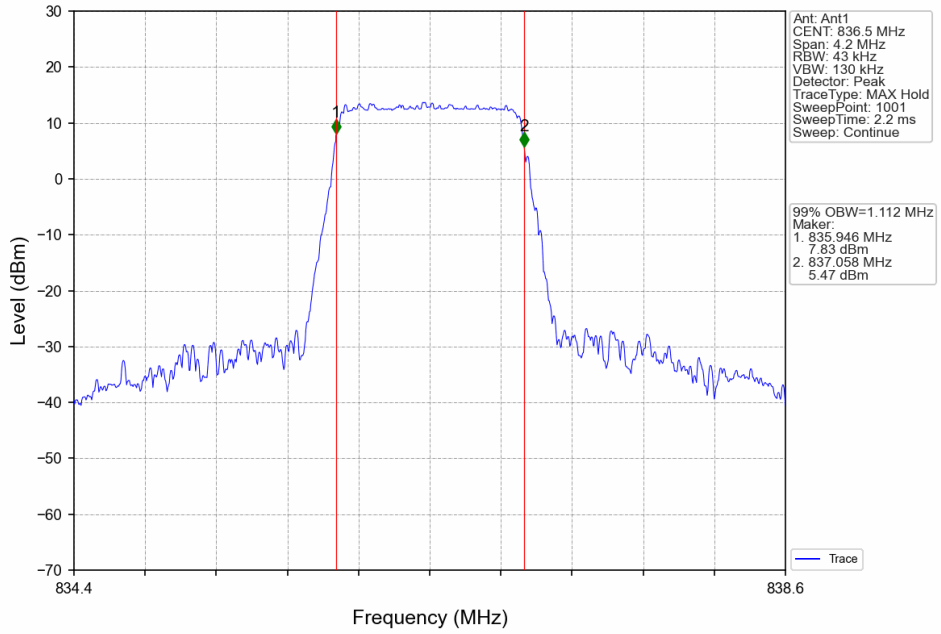
4.2 Test Graph

4.2.1 Band5_OBW

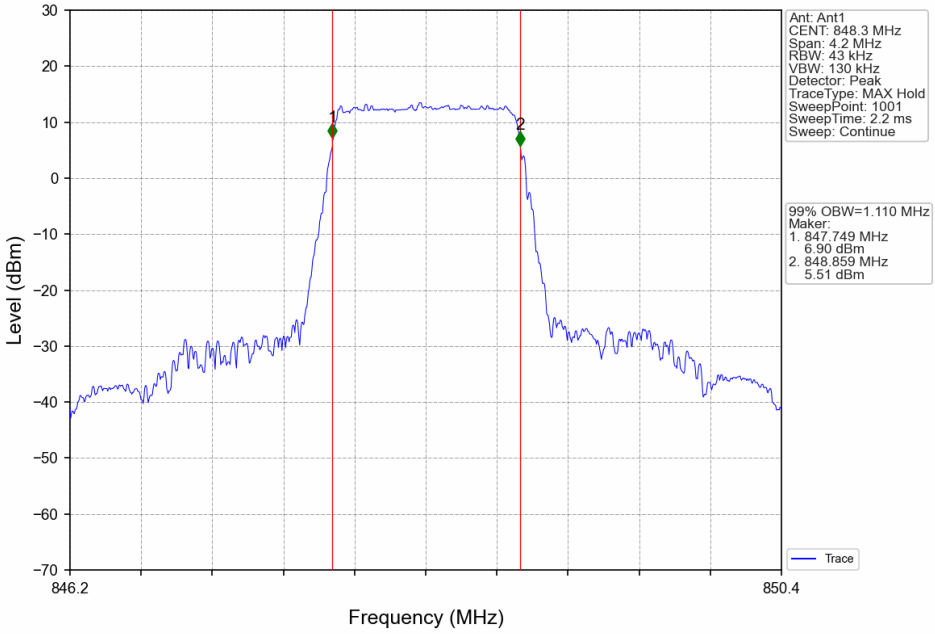
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



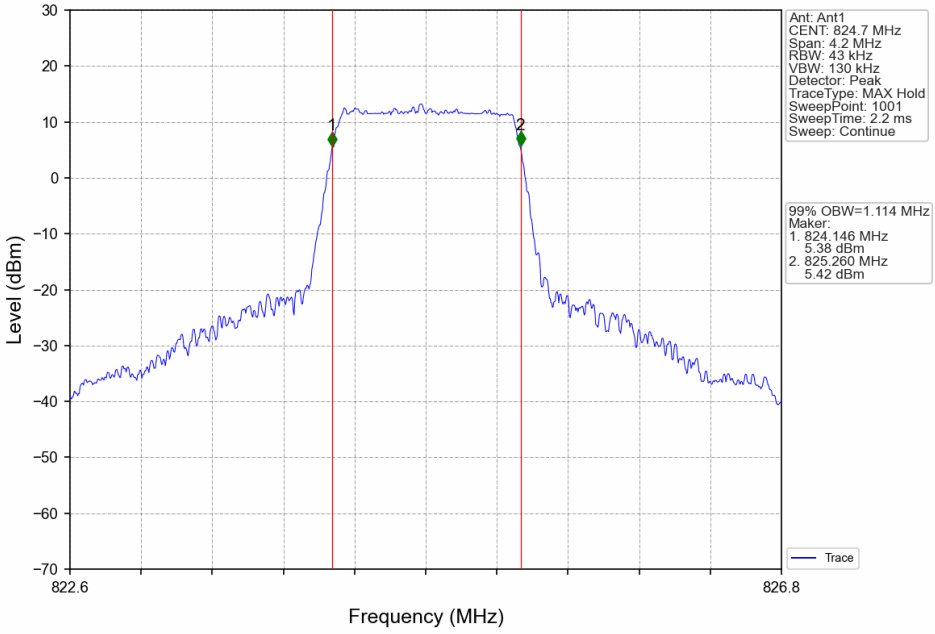
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



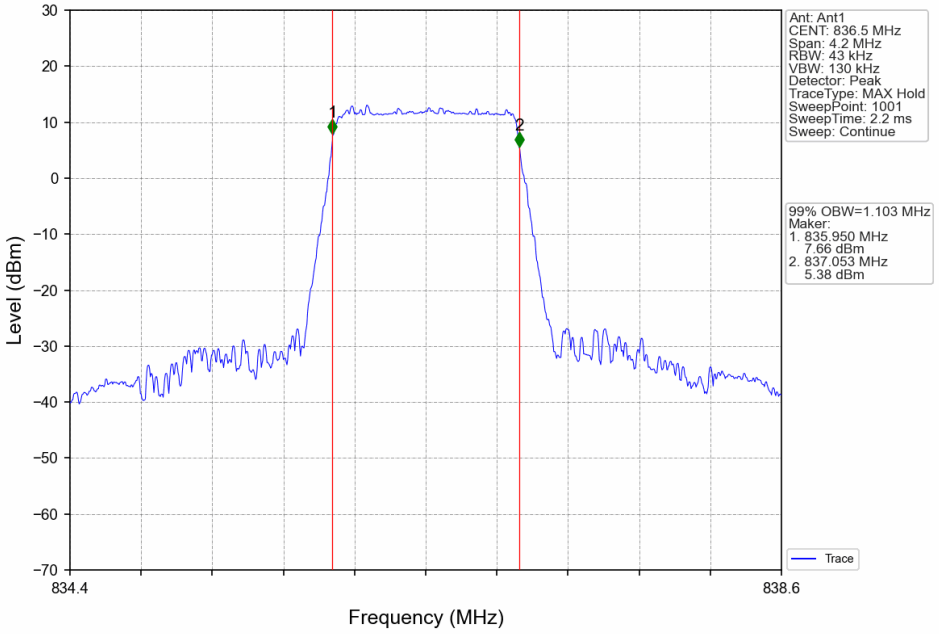
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



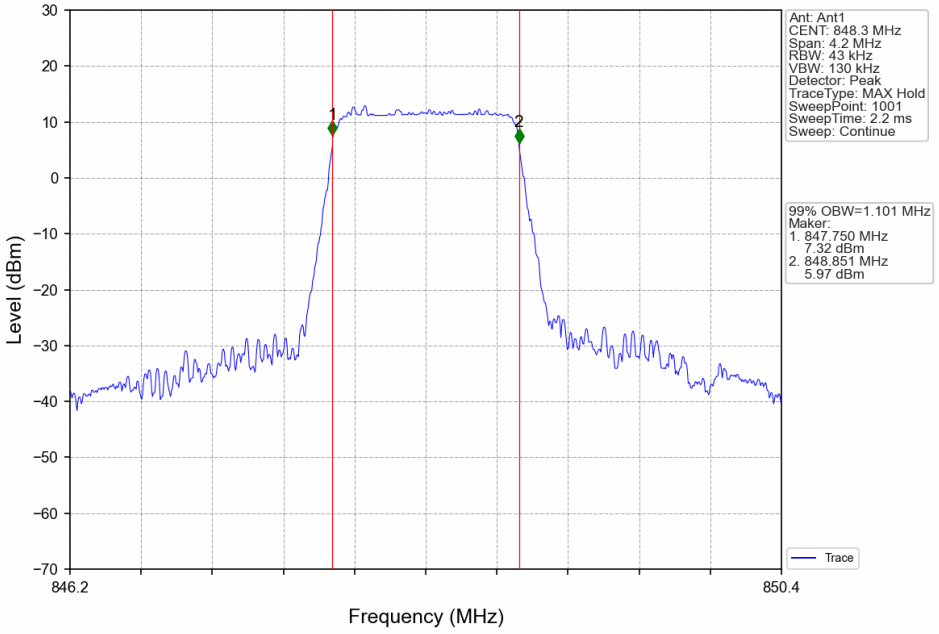
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



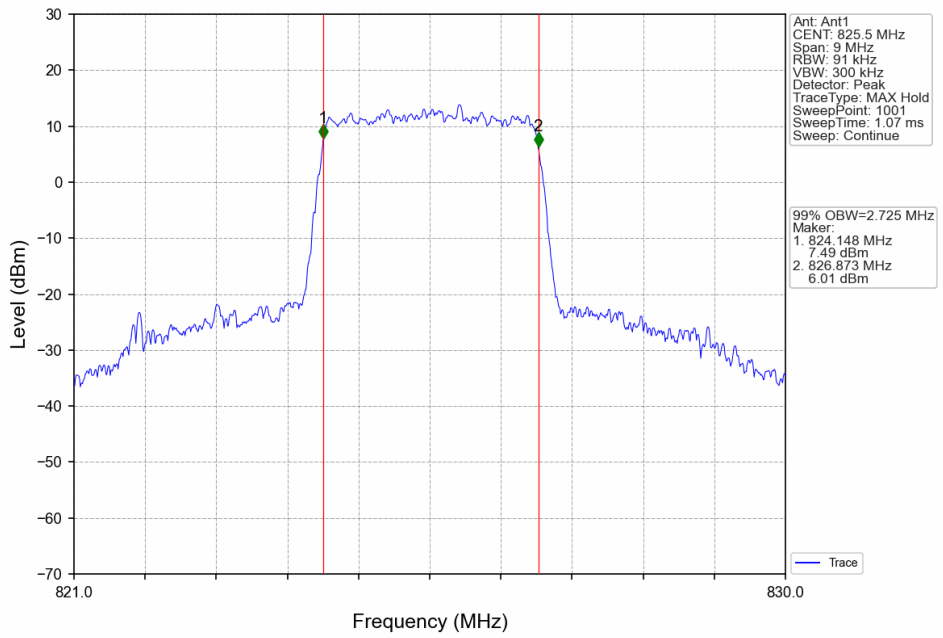
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



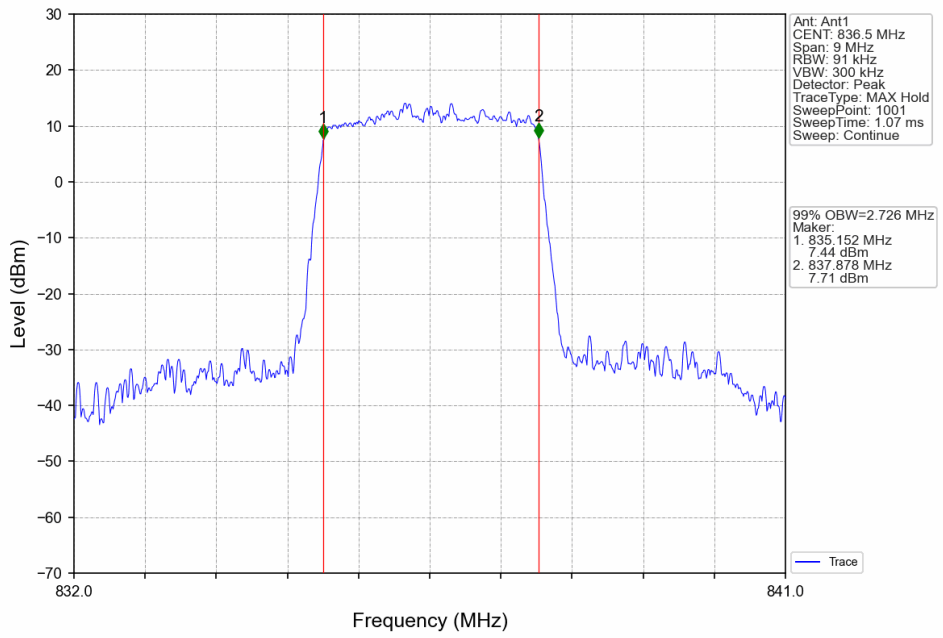
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



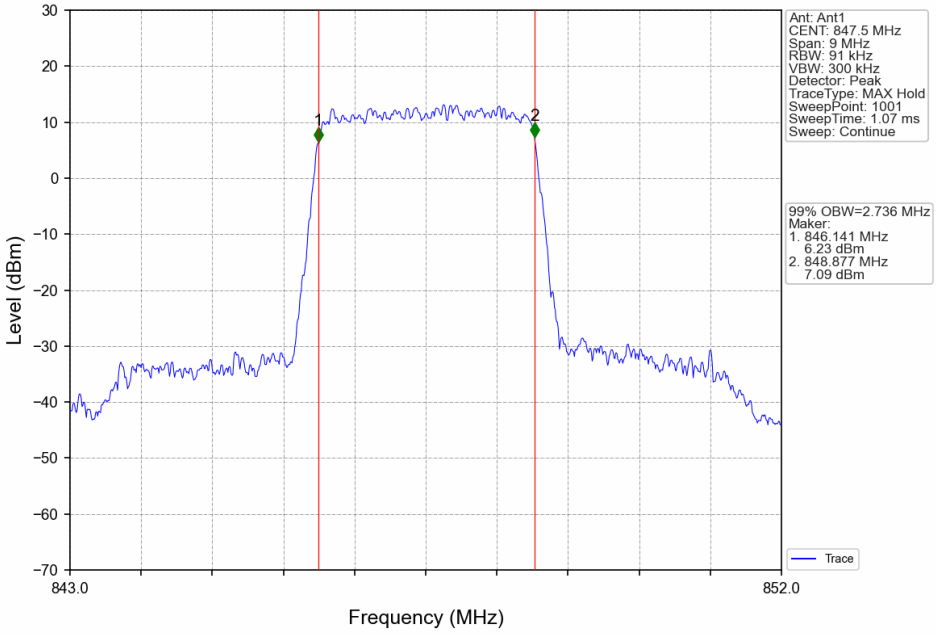
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



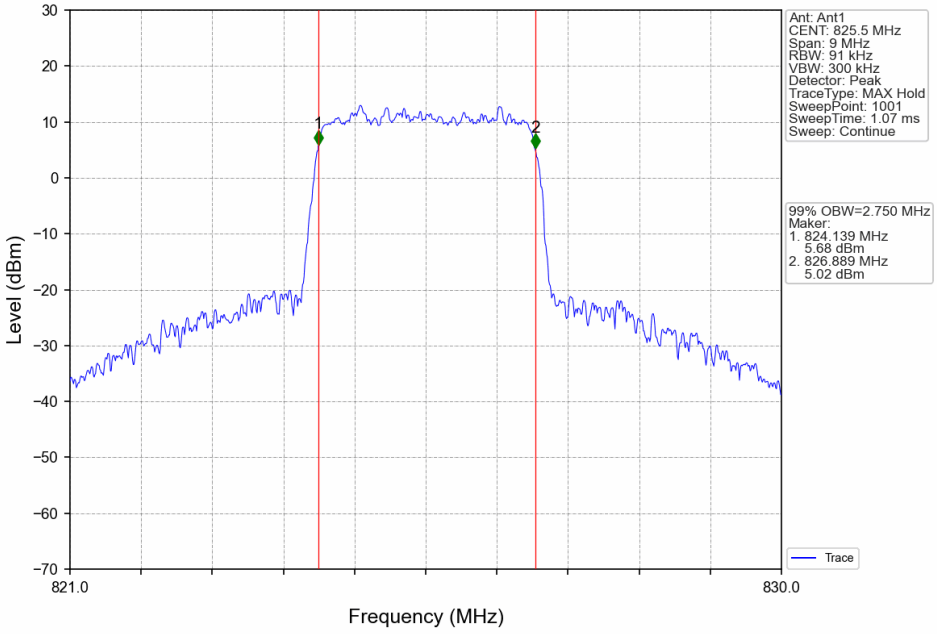
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



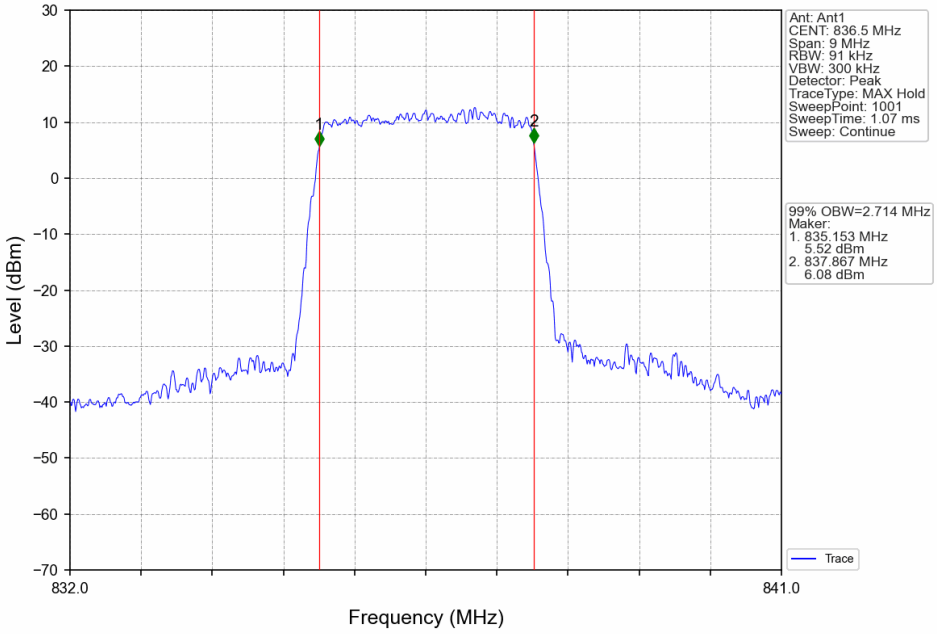
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



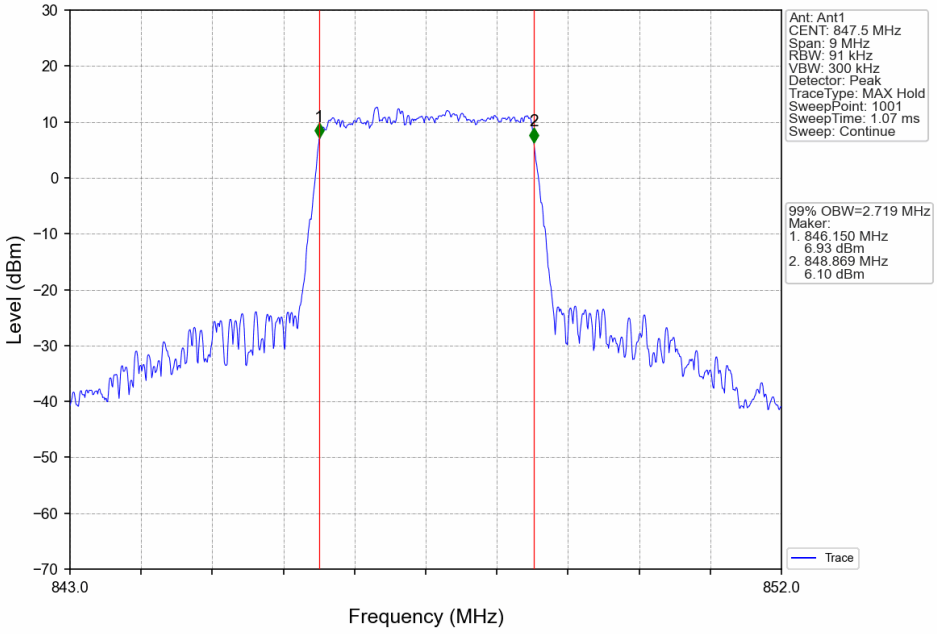
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



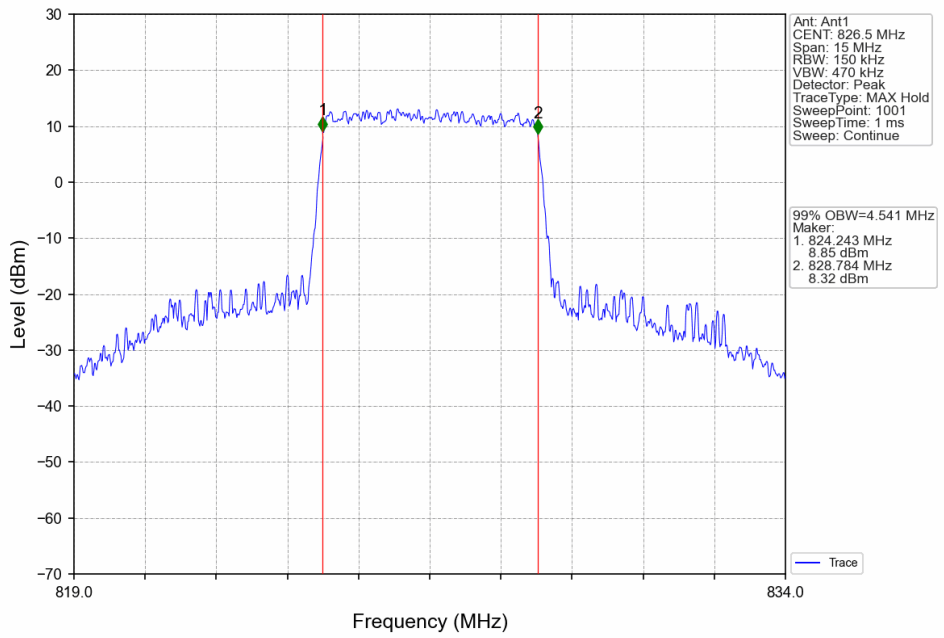
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



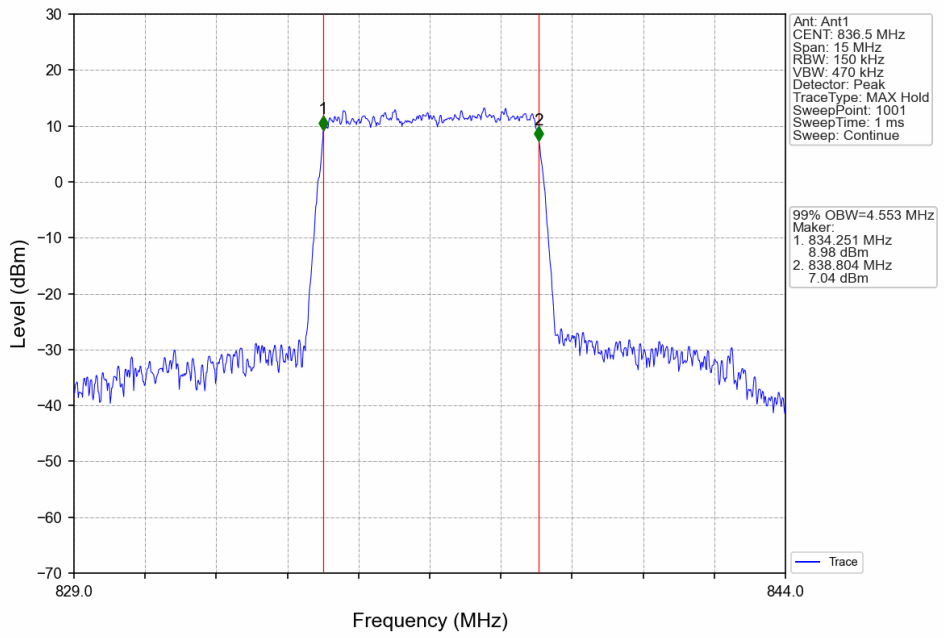
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



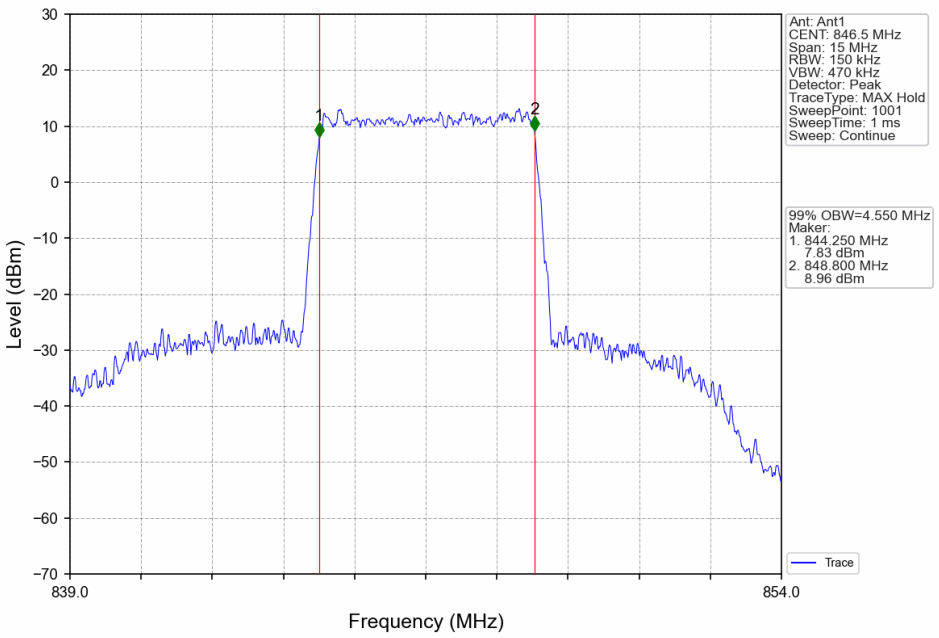
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



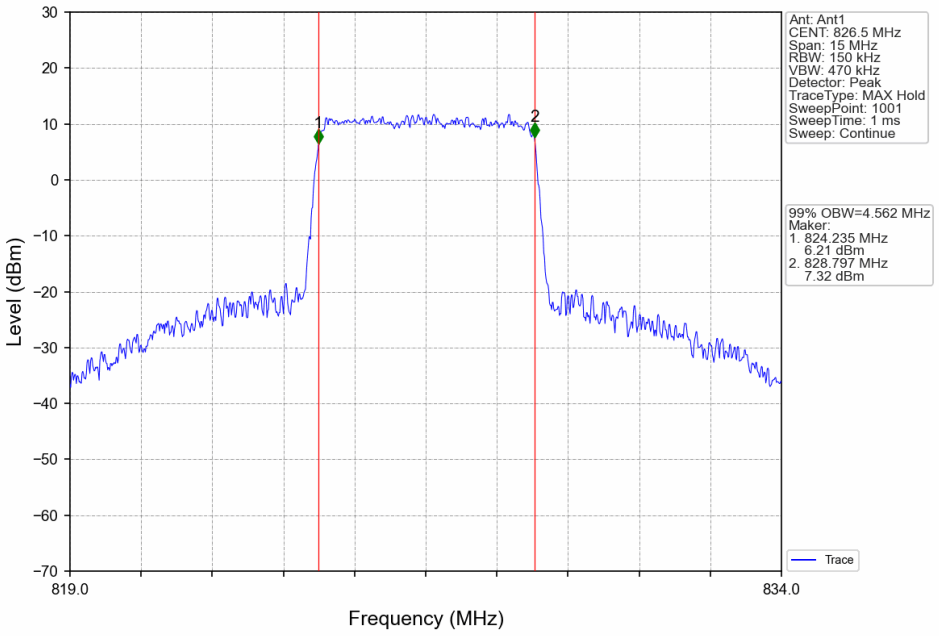
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



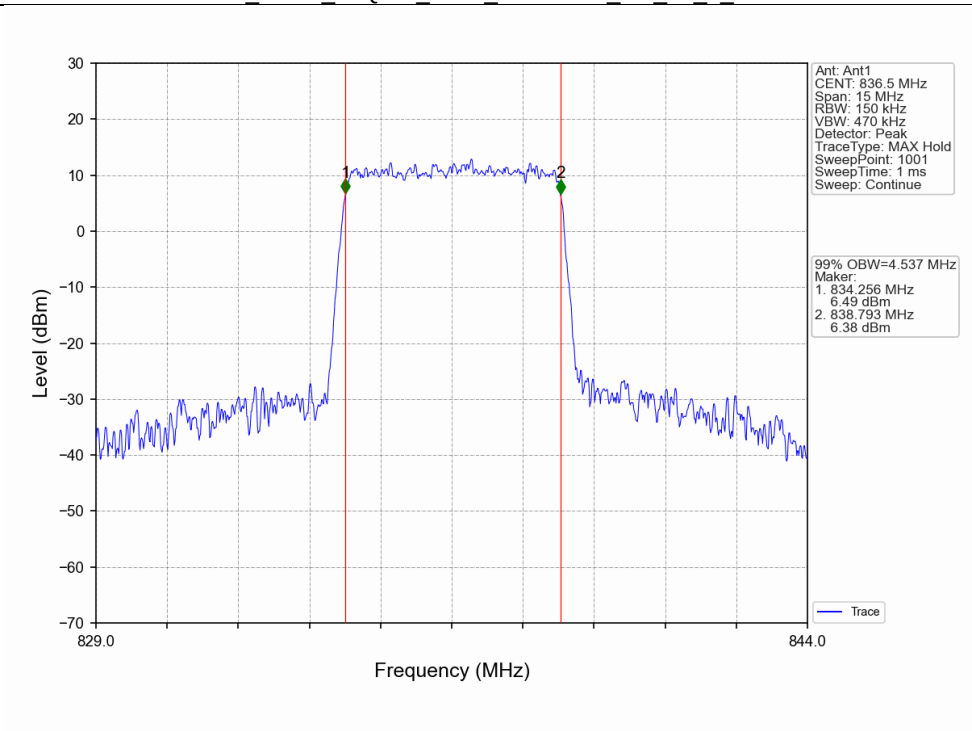
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



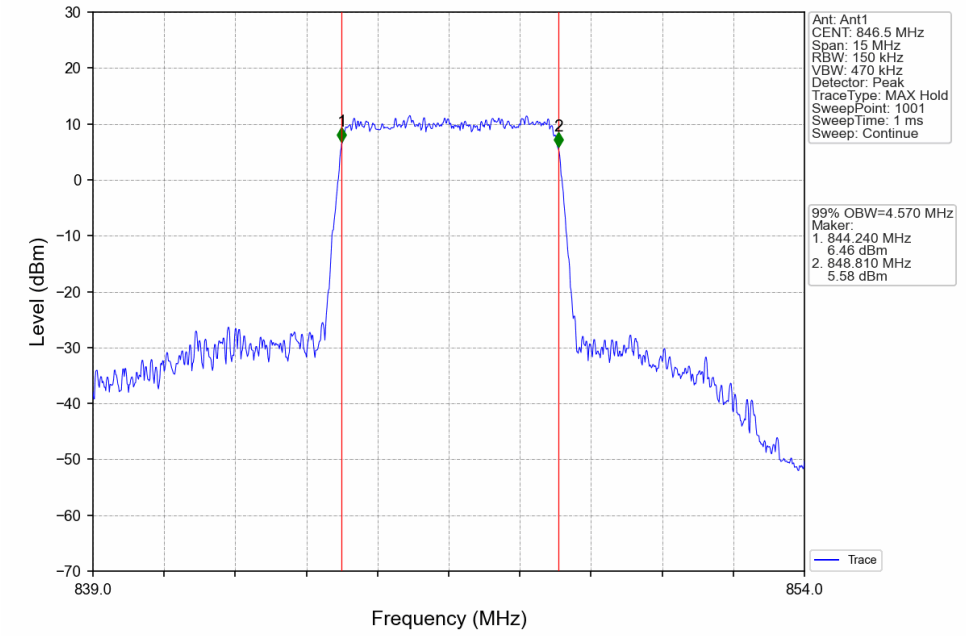
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



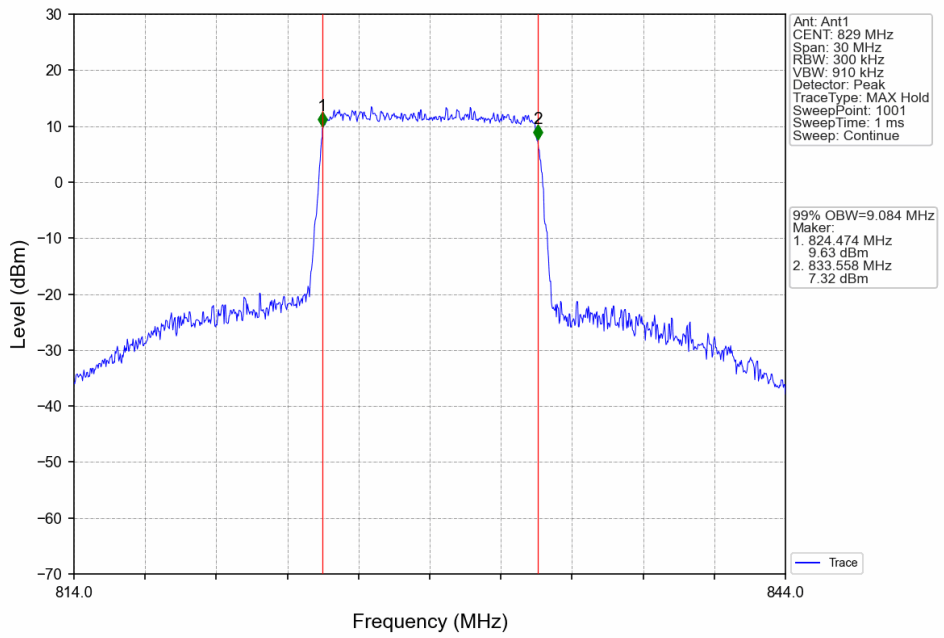
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



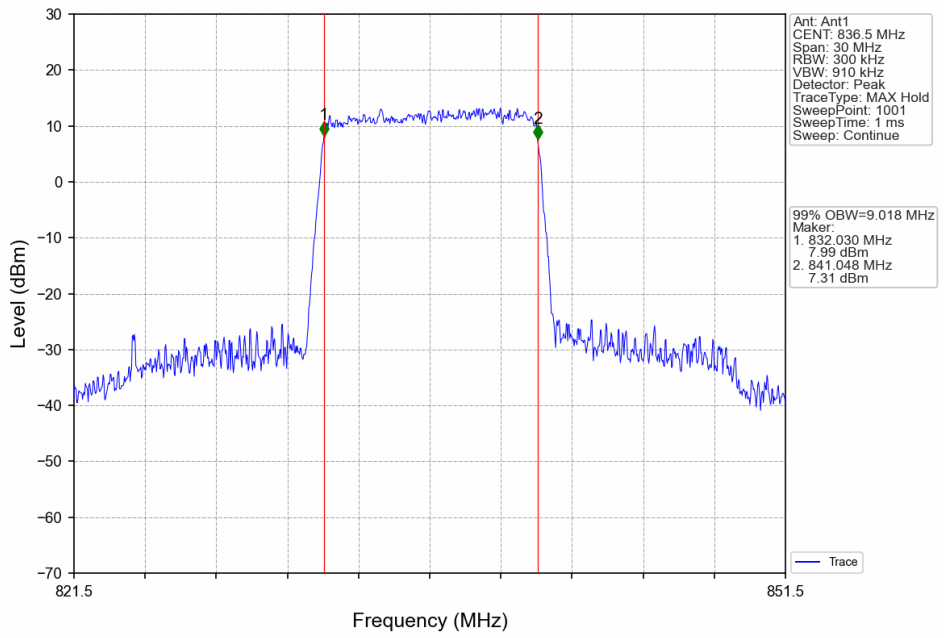
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



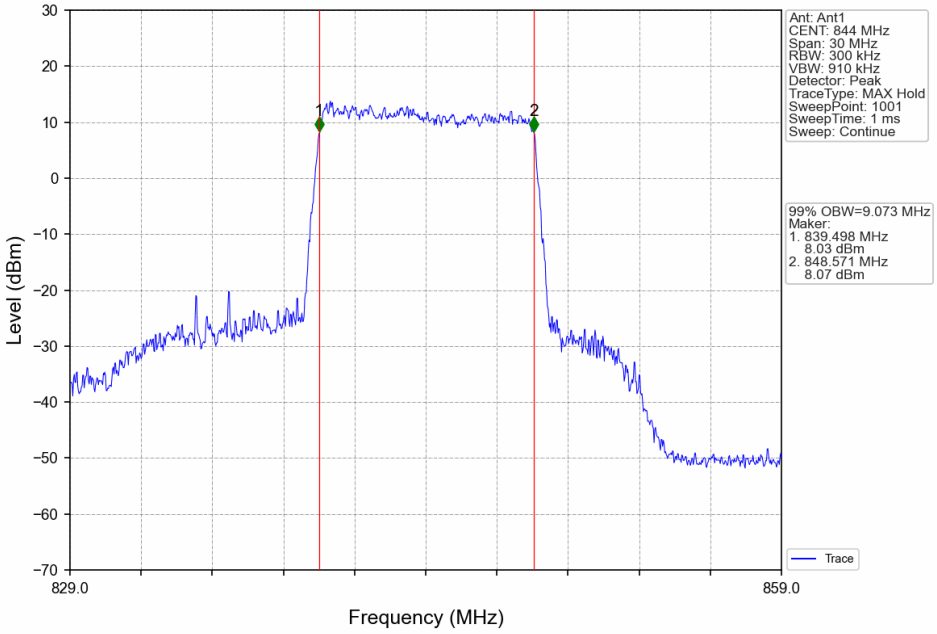
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



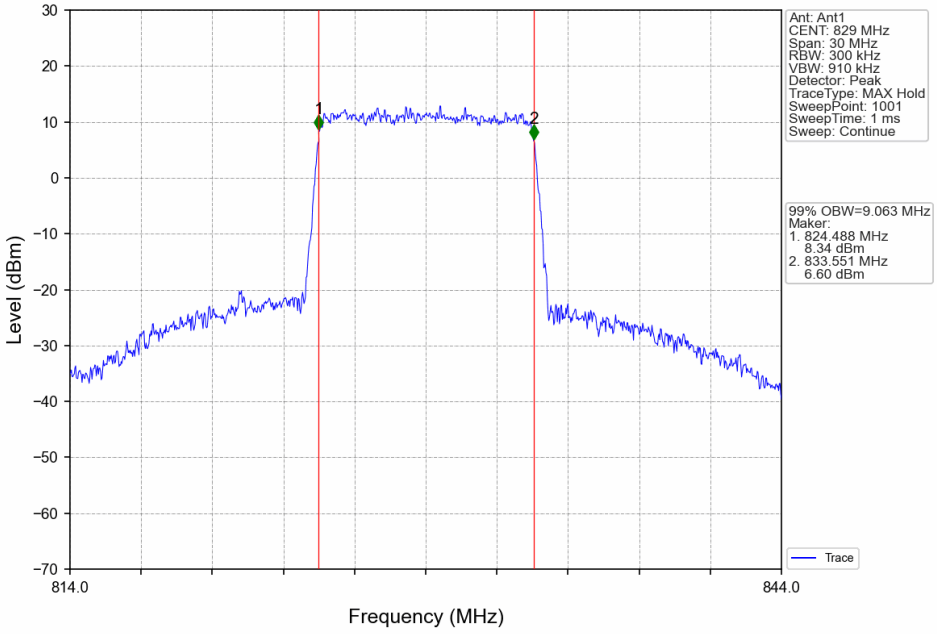
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



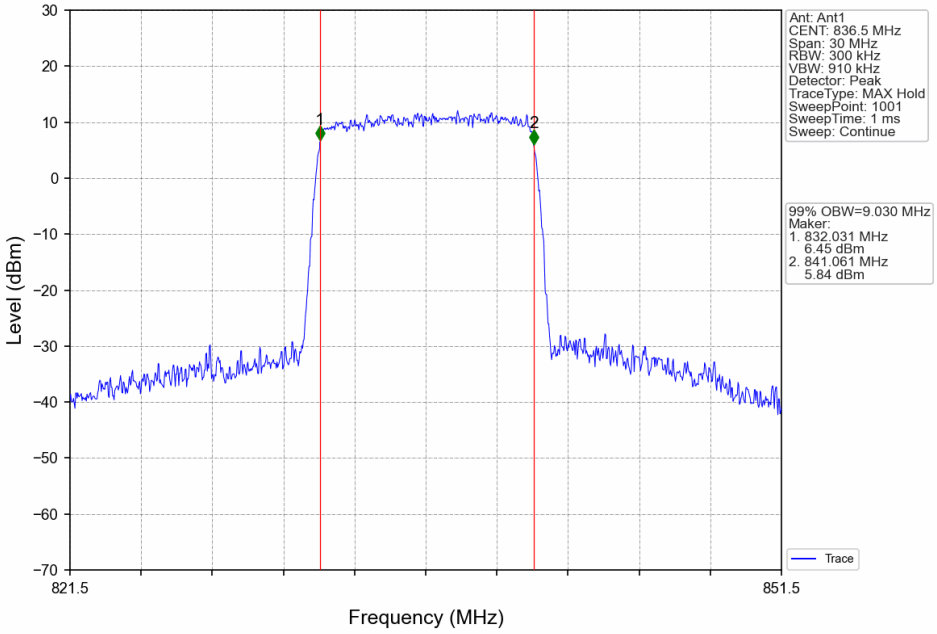
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



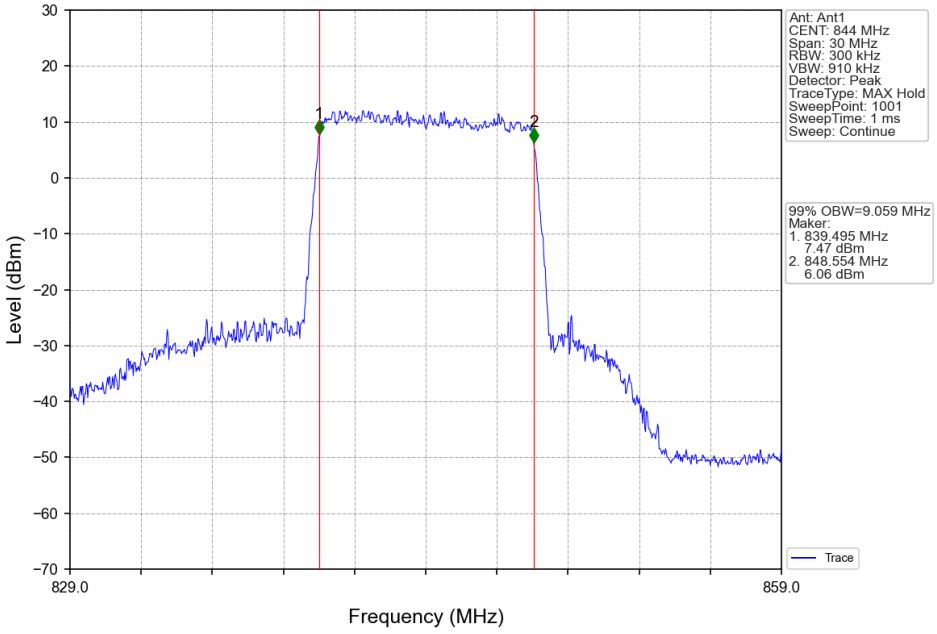
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

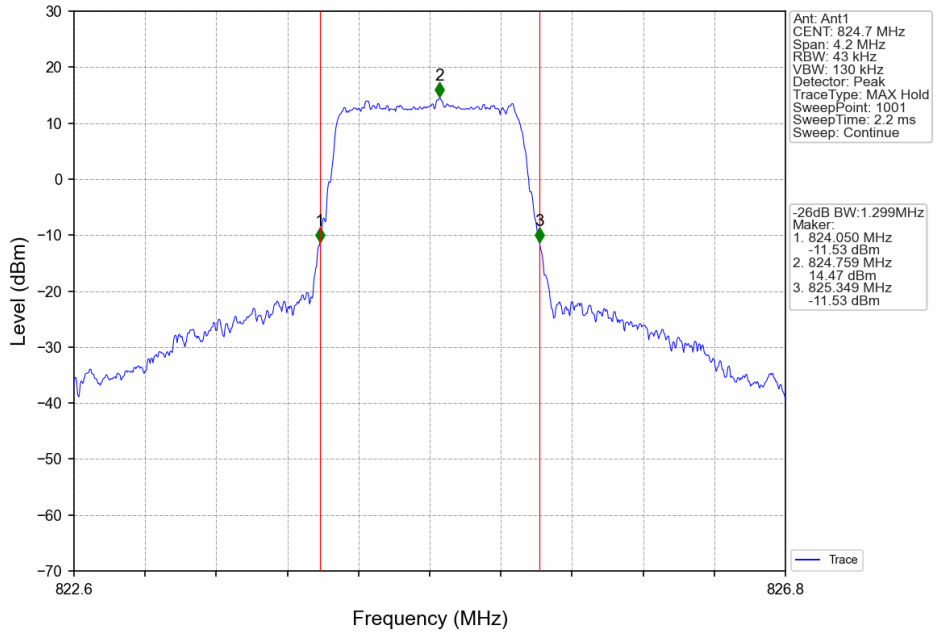


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

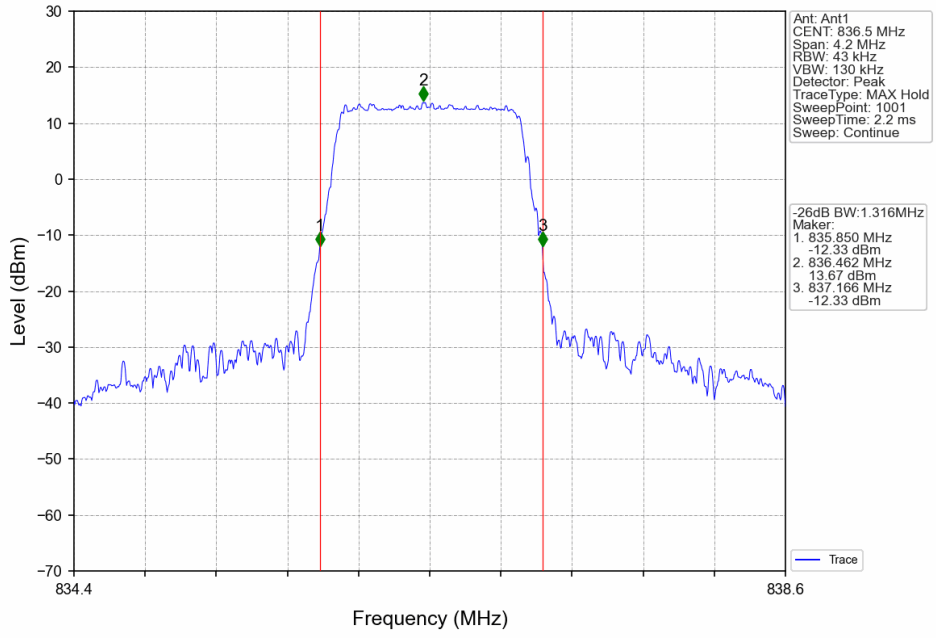


4.2.2 Band5_XDB

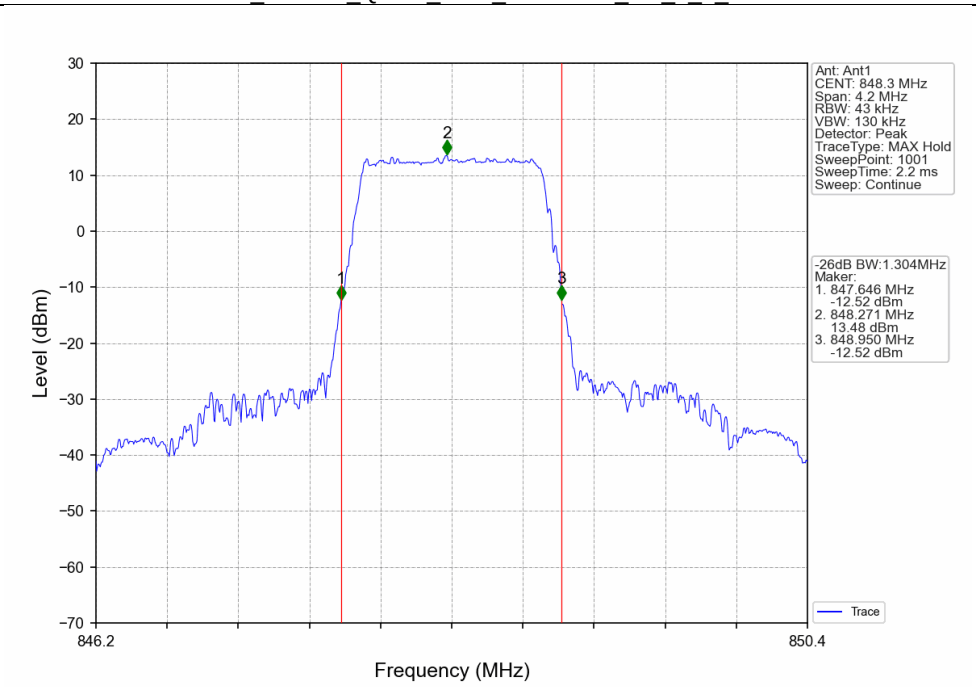
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



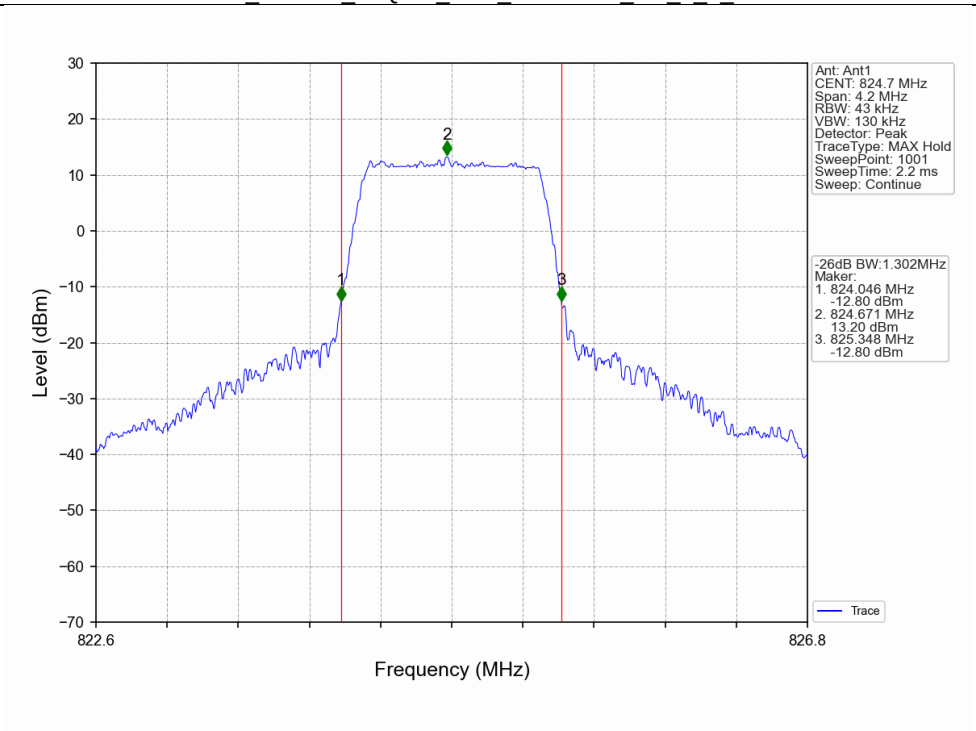
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



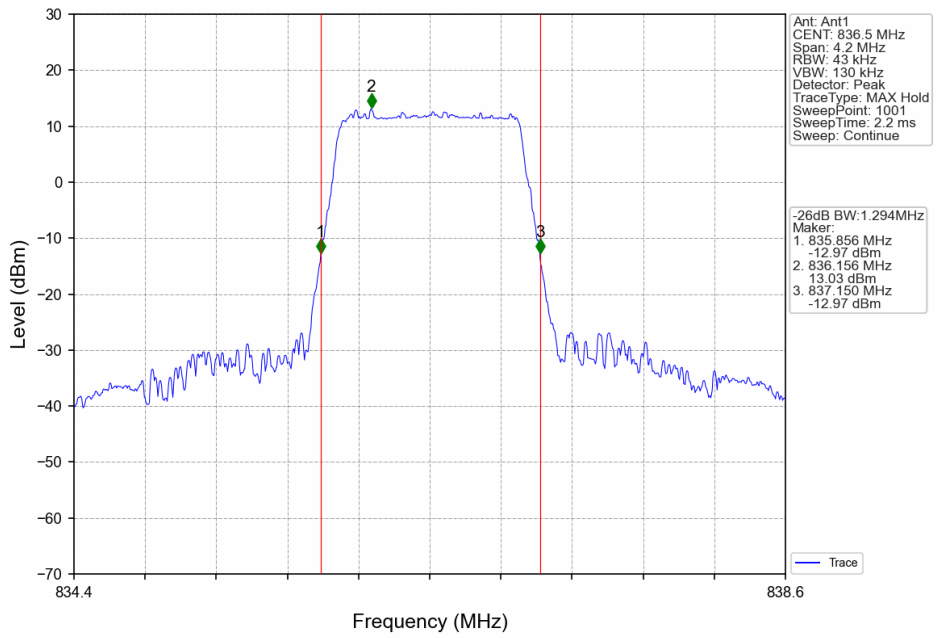
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



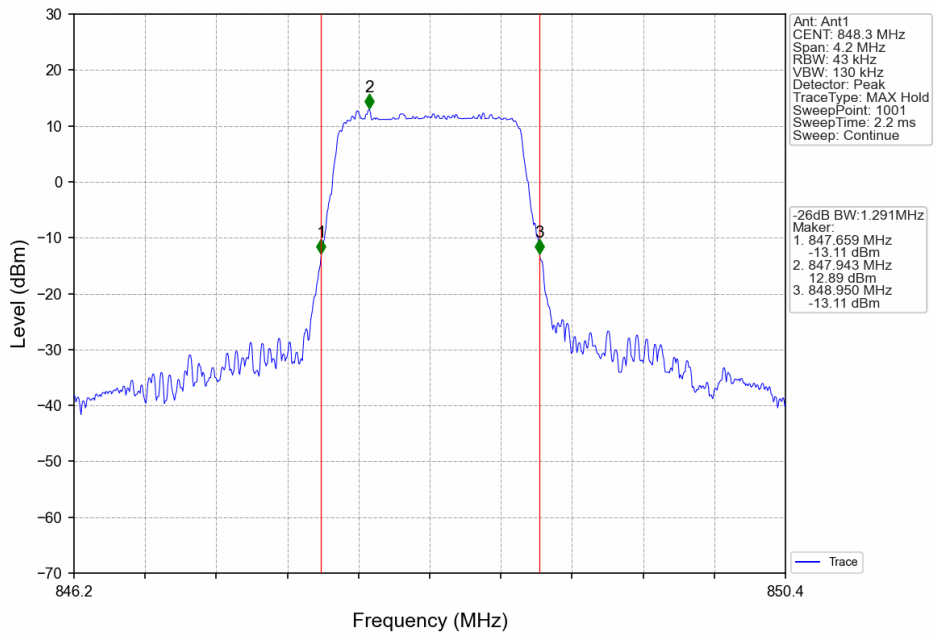
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



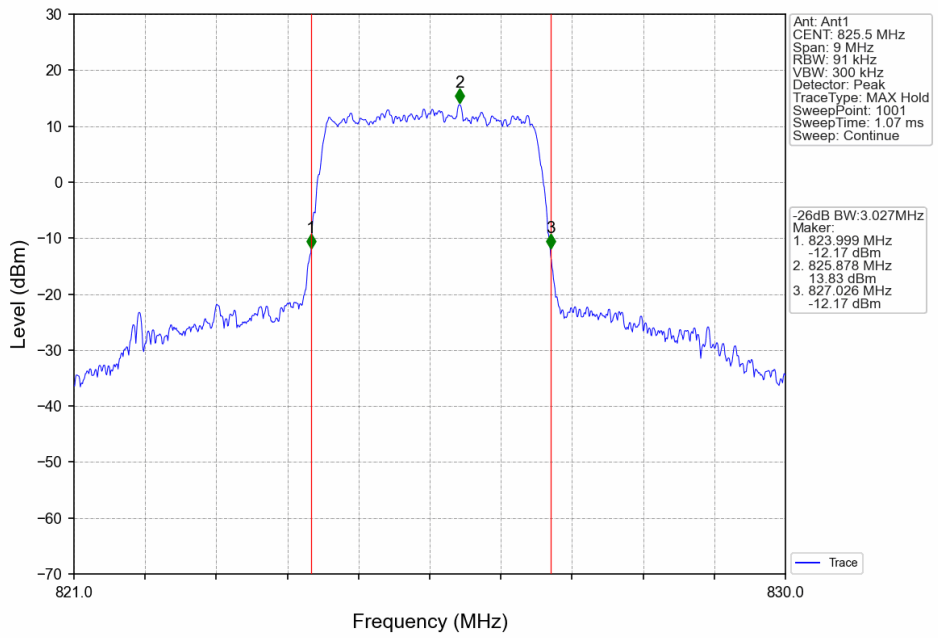
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



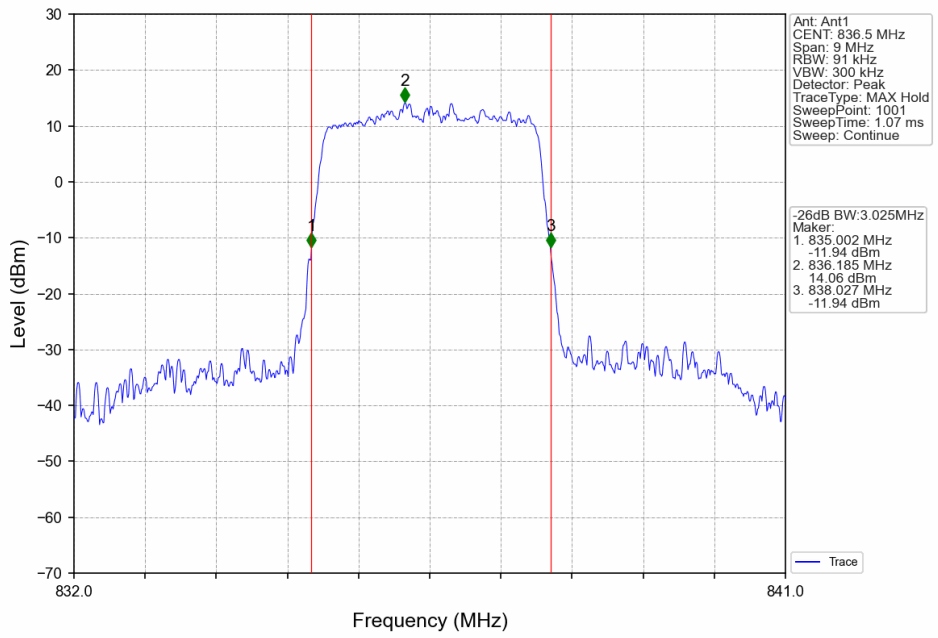
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



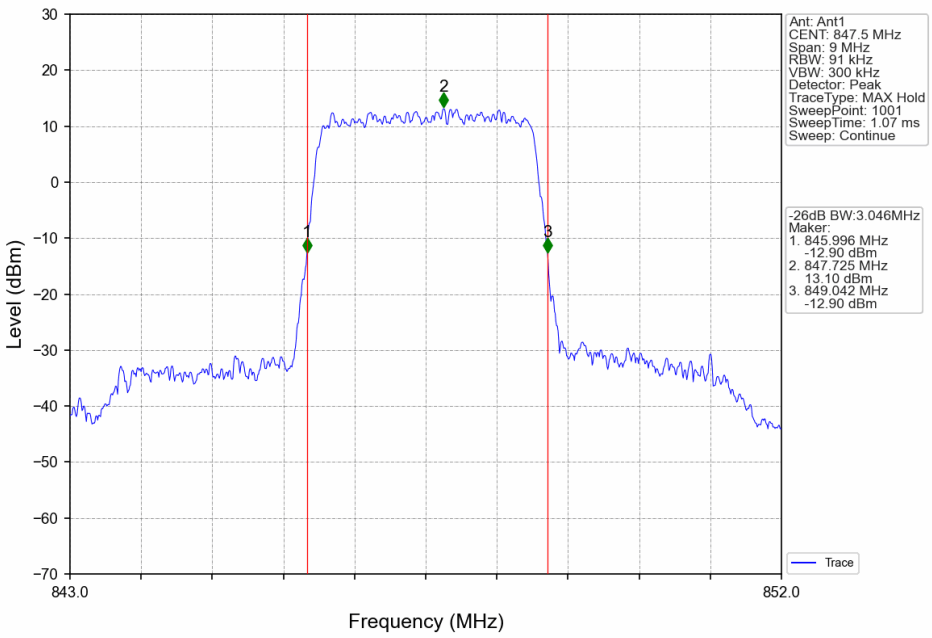
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



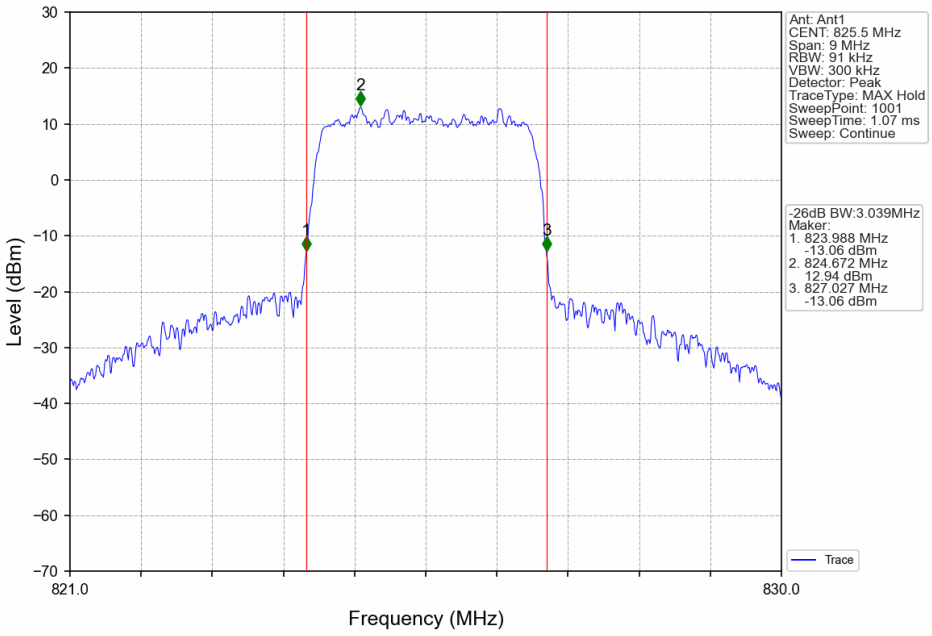
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



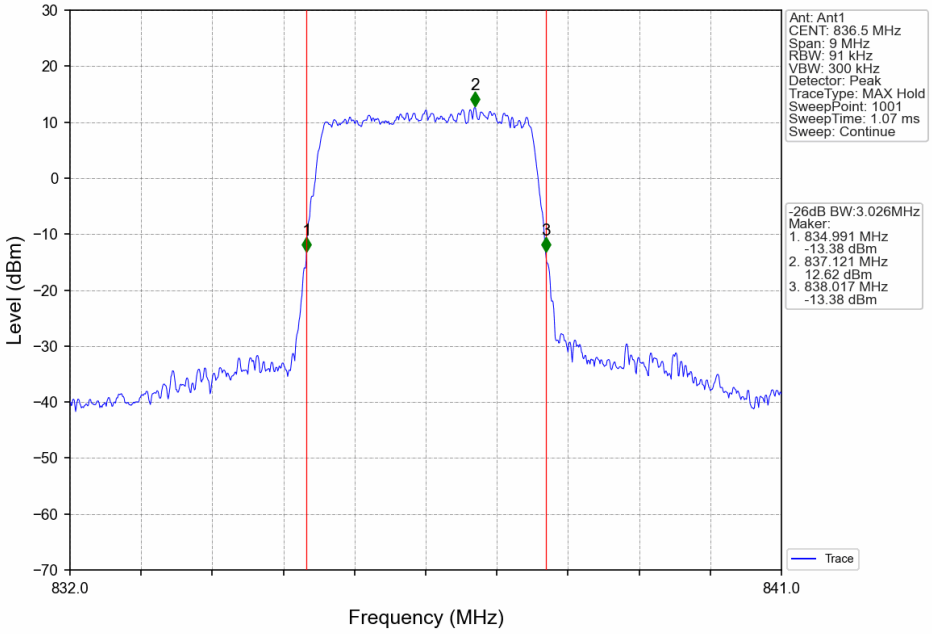
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



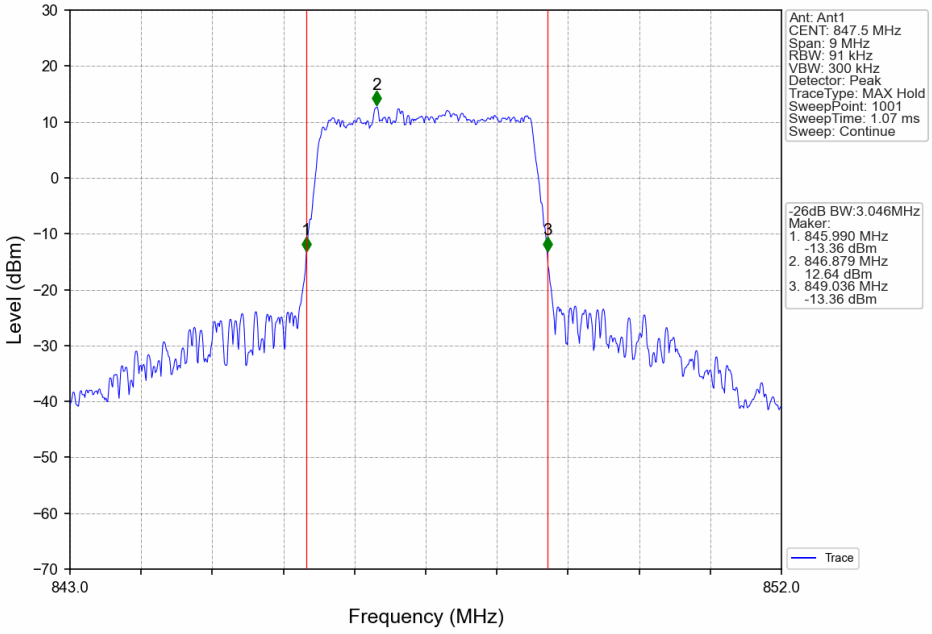
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



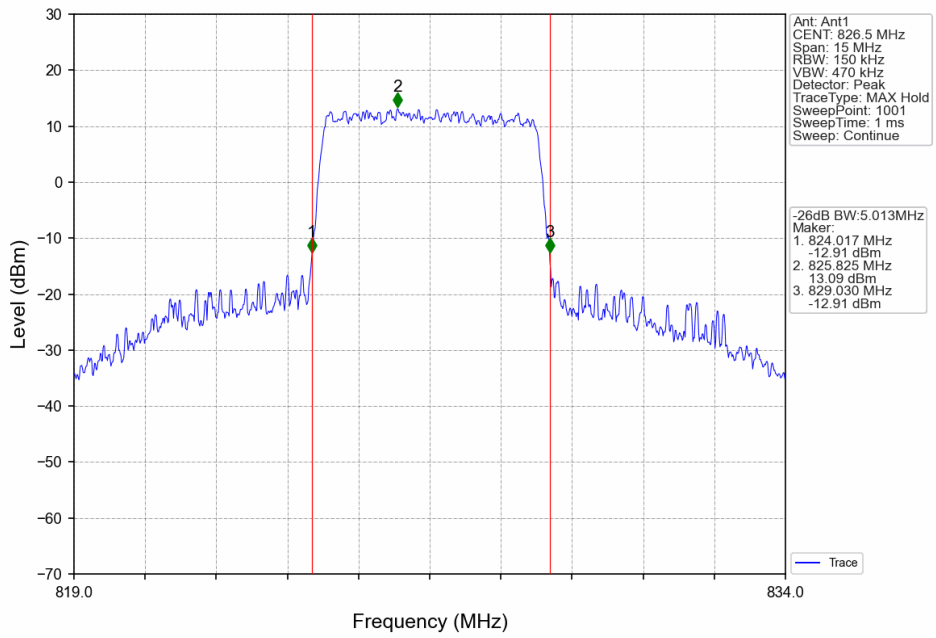
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



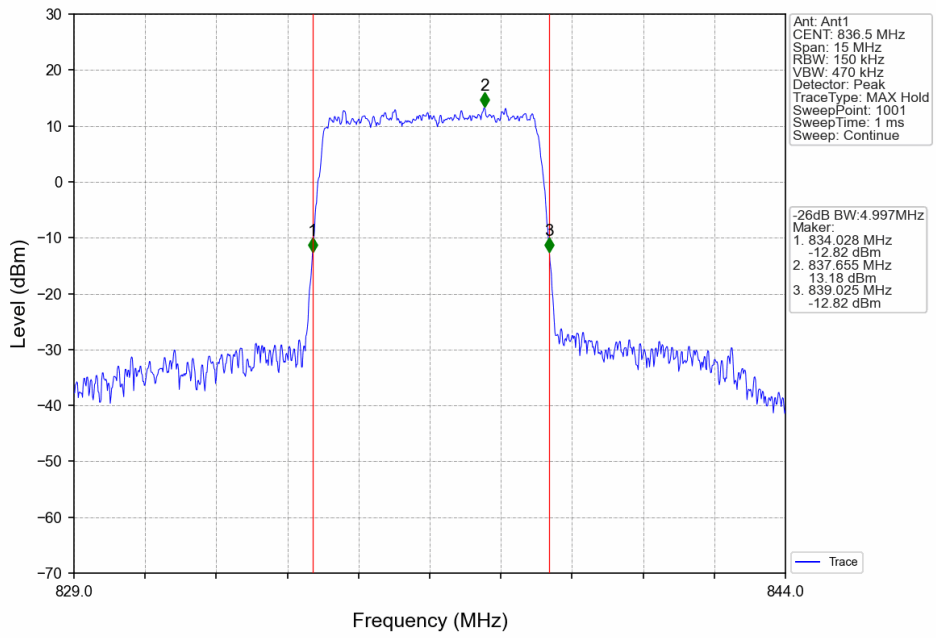
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



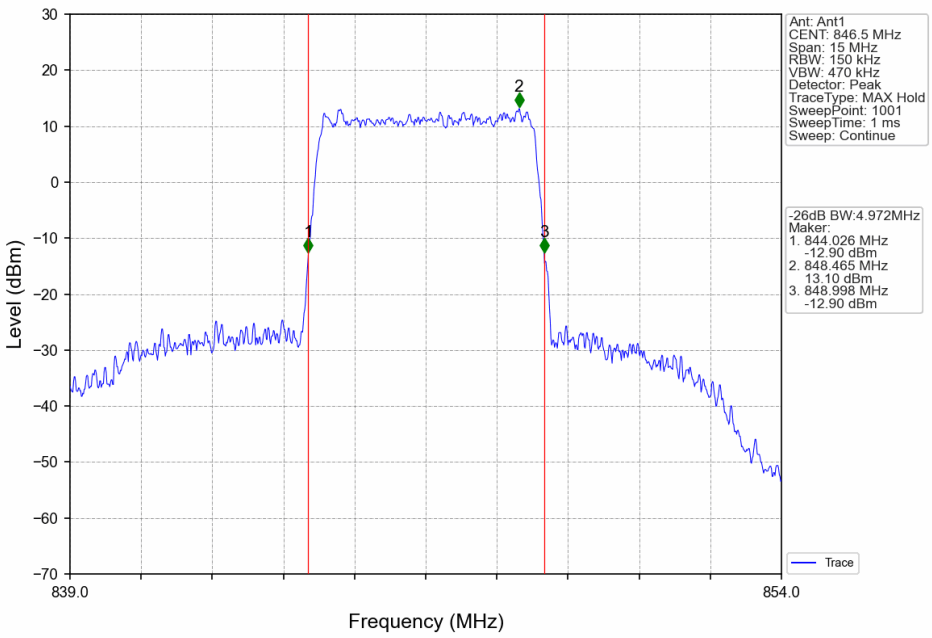
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



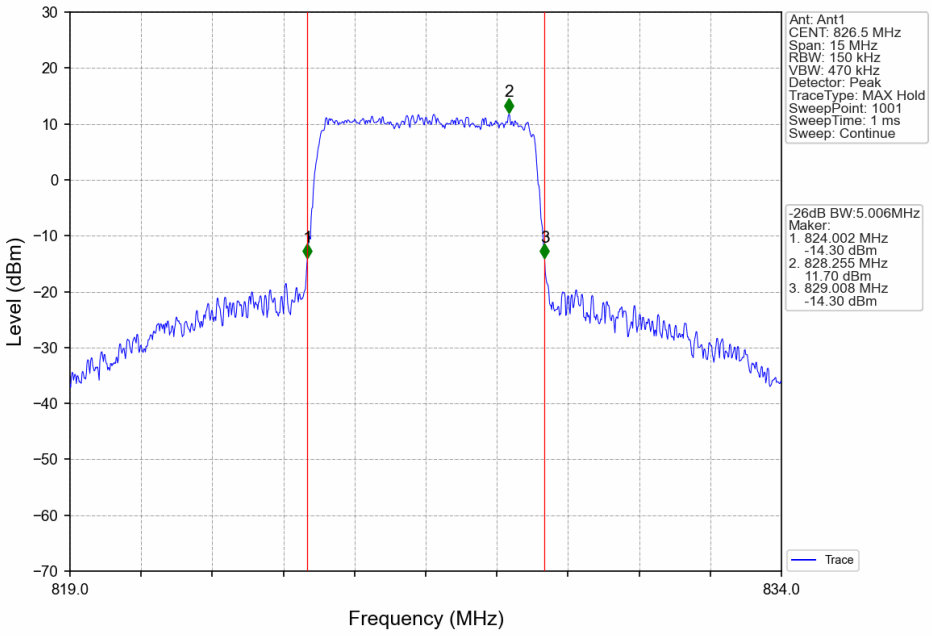
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



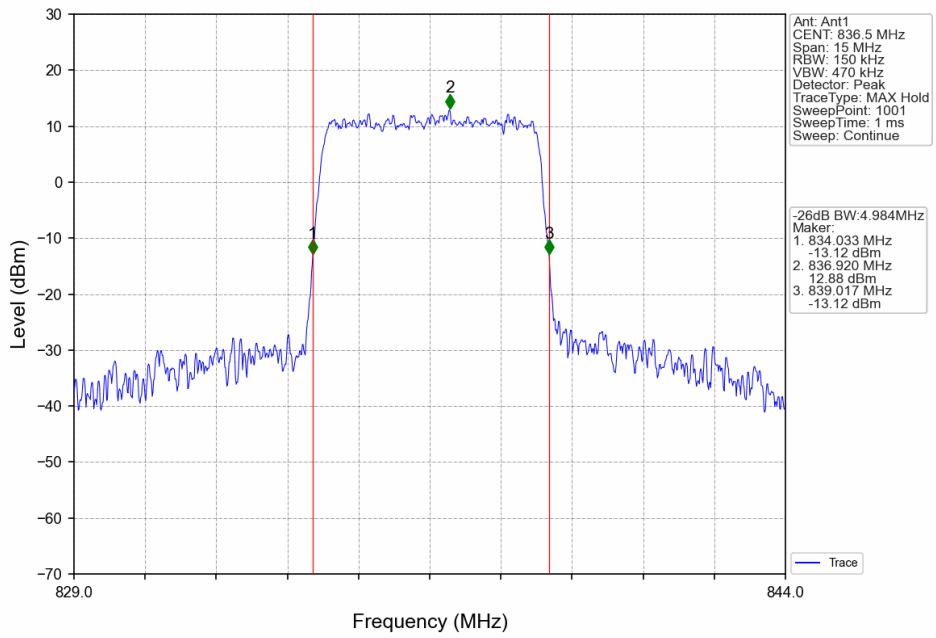
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



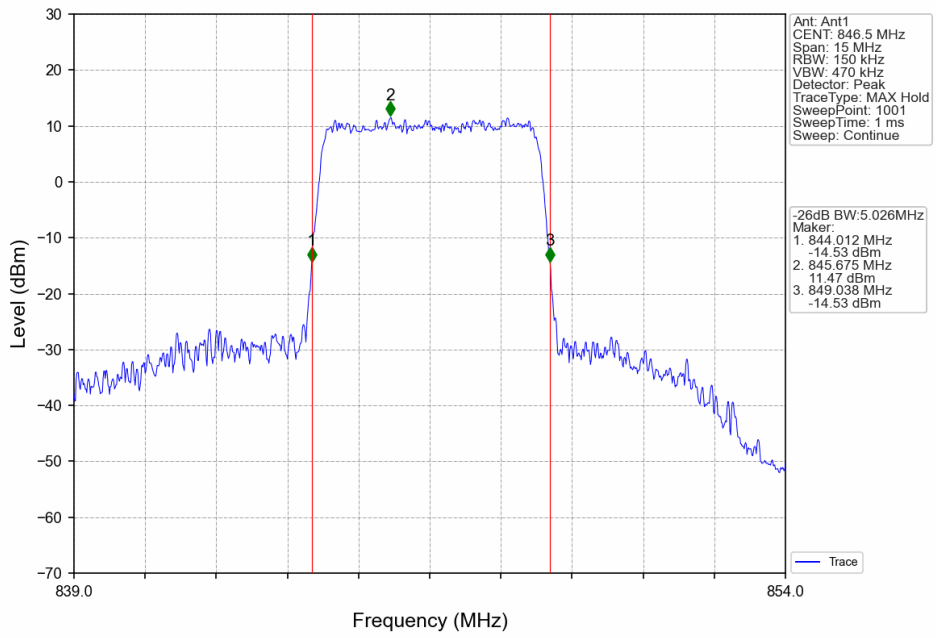
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



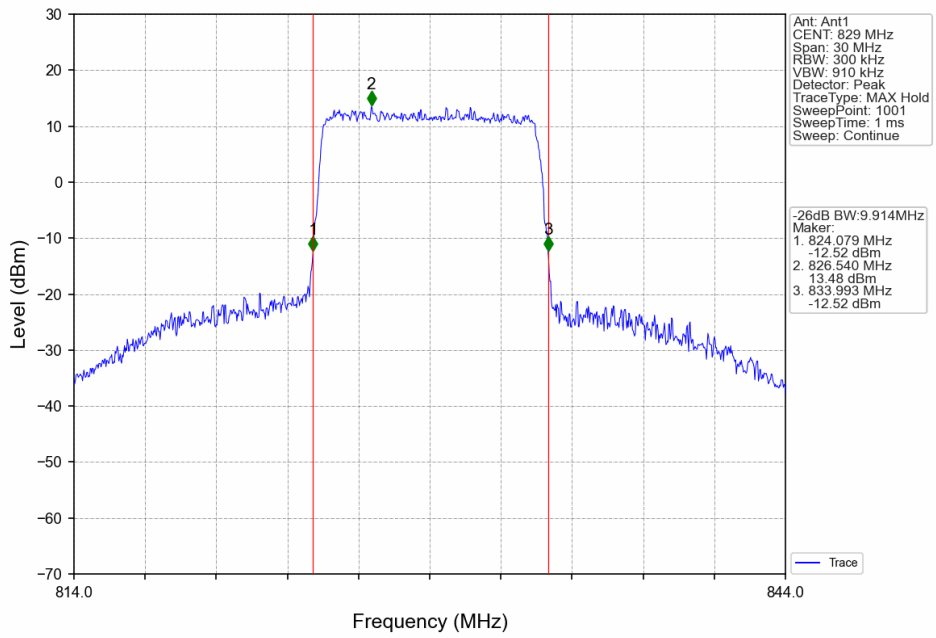
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



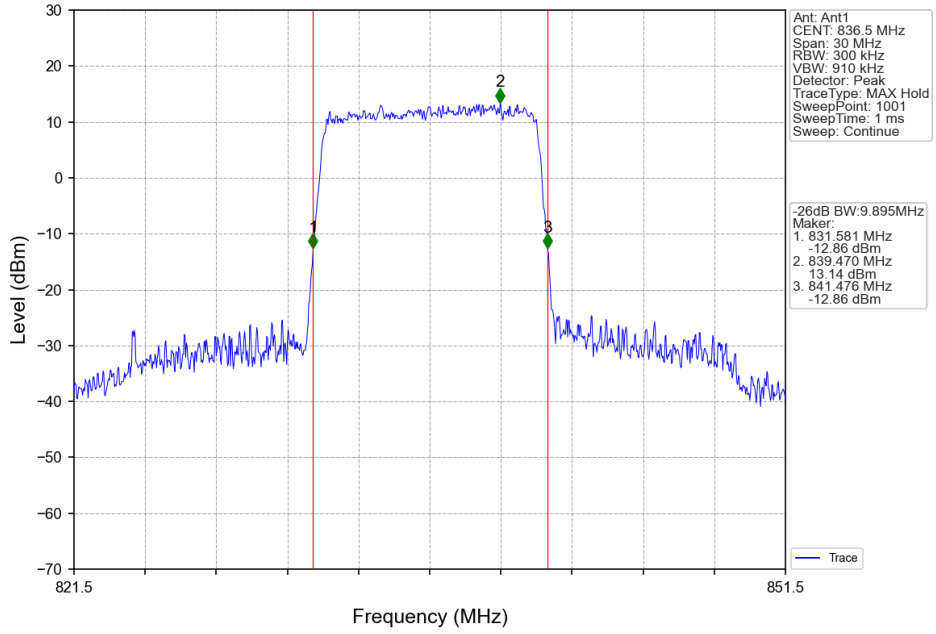
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



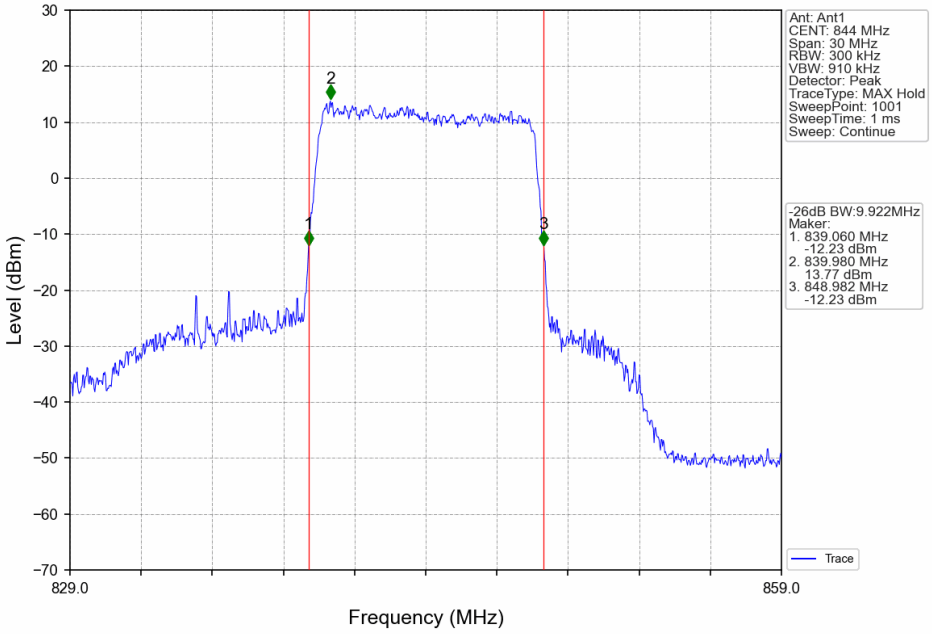
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



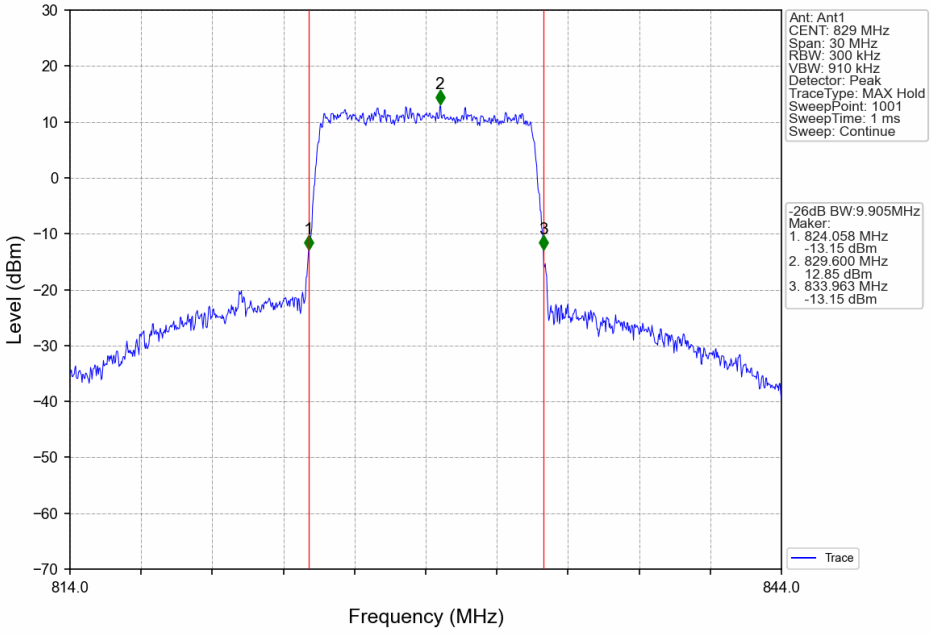
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



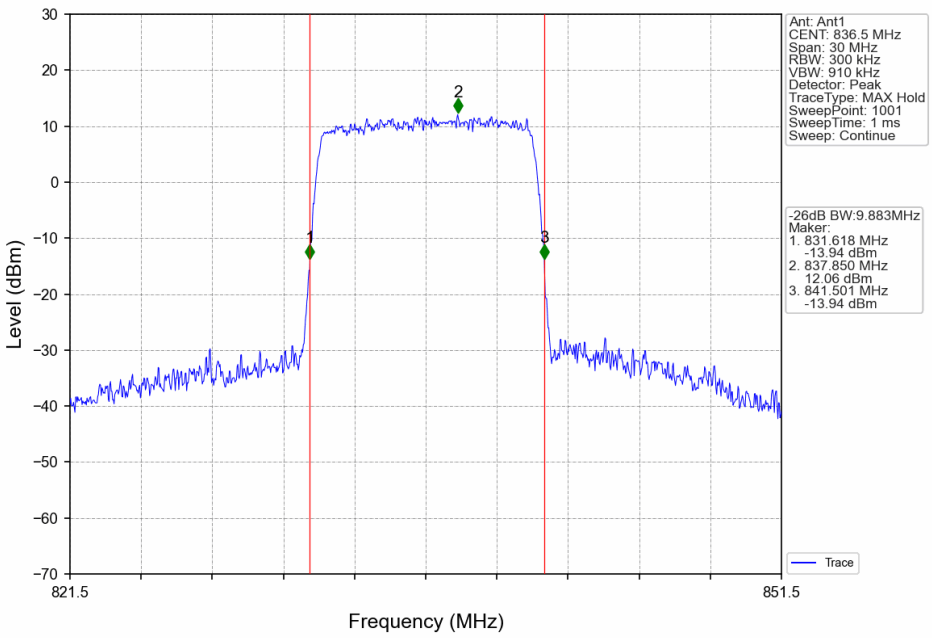
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



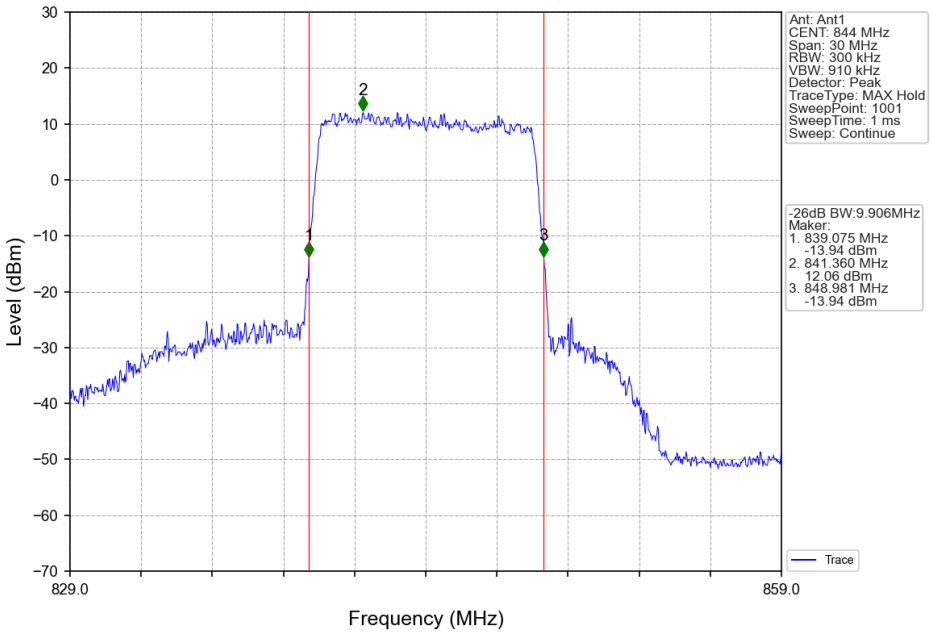
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	4.75	<=13	Pass
	836.5	6	0	5.54	<=13	Pass
	848.3	6	0	5.53	<=13	Pass
16QAM	824.7	6	0	5.60	<=13	Pass
	836.5	6	0	6.40	<=13	Pass
	848.3	6	0	6.28	<=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	4.80	<=13	Pass
	836.5	15	0	5.43	<=13	Pass
	847.5	15	0	5.53	<=13	Pass
16QAM	825.5	15	0	5.64	<=13	Pass
	836.5	15	0	6.32	<=13	Pass
	847.5	15	0	6.29	<=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	5.13	<=13	Pass
	836.5	25	0	5.67	<=13	Pass
	846.5	25	0	5.65	<=13	Pass
16QAM	826.5	25	0	5.93	<=13	Pass
	836.5	25	0	6.37	<=13	Pass
	846.5	25	0	6.31	<=13	Pass

5.1.4 B5_10MHz

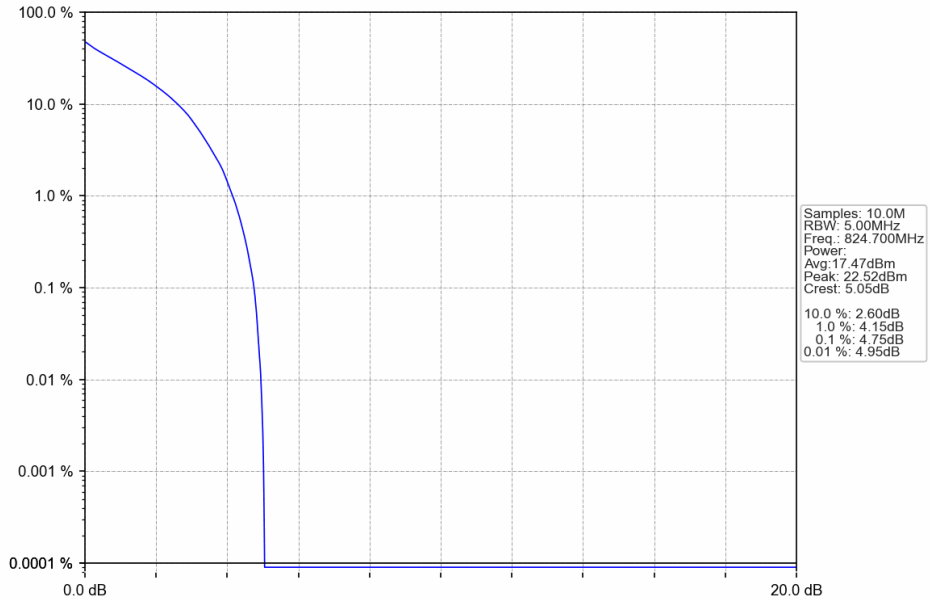
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.40	<=13	Pass
	836.5	50	0	5.54	<=13	Pass
	844	50	0	5.56	<=13	Pass
16QAM	829	50	0	6.11	<=13	Pass

	836.5	50	0	6.33	<=13	Pass
	844	50	0	6.29	<=13	Pass

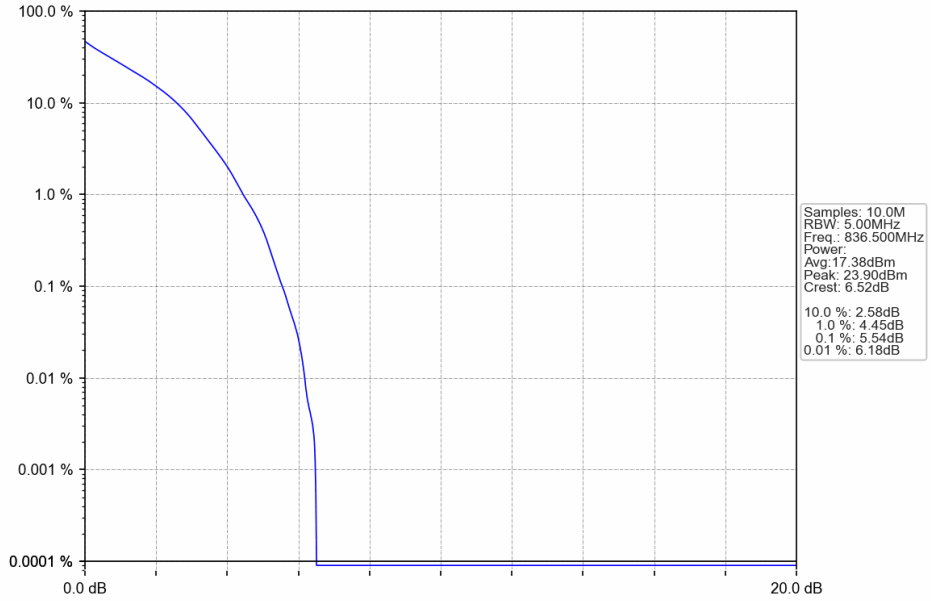
5.2 Test Graph

5.2.1 B5_1.4MHz

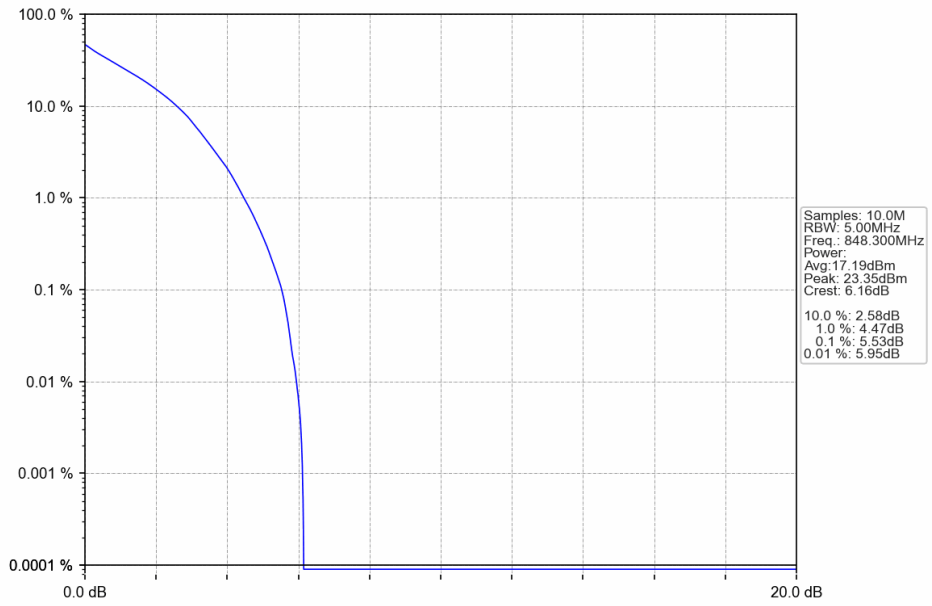
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



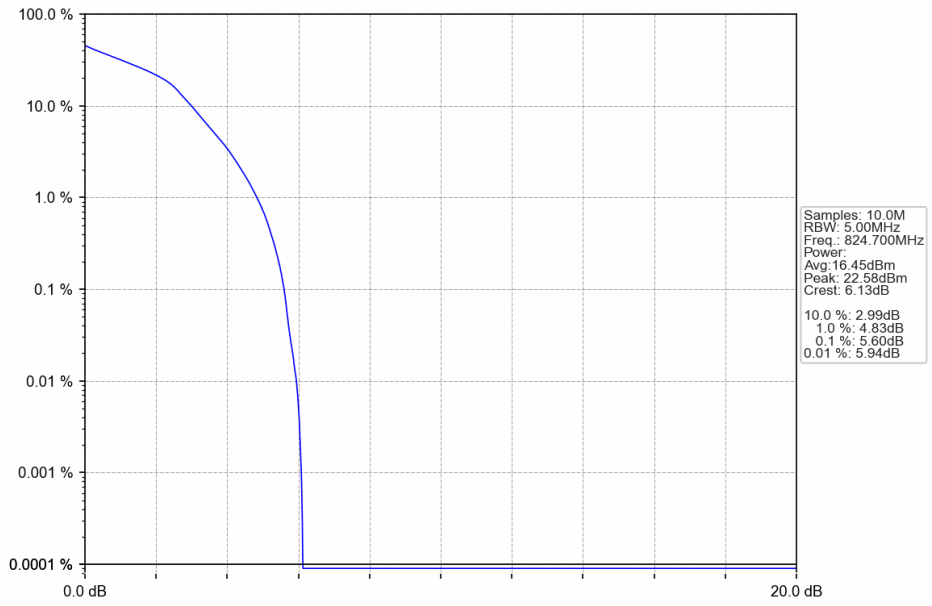
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



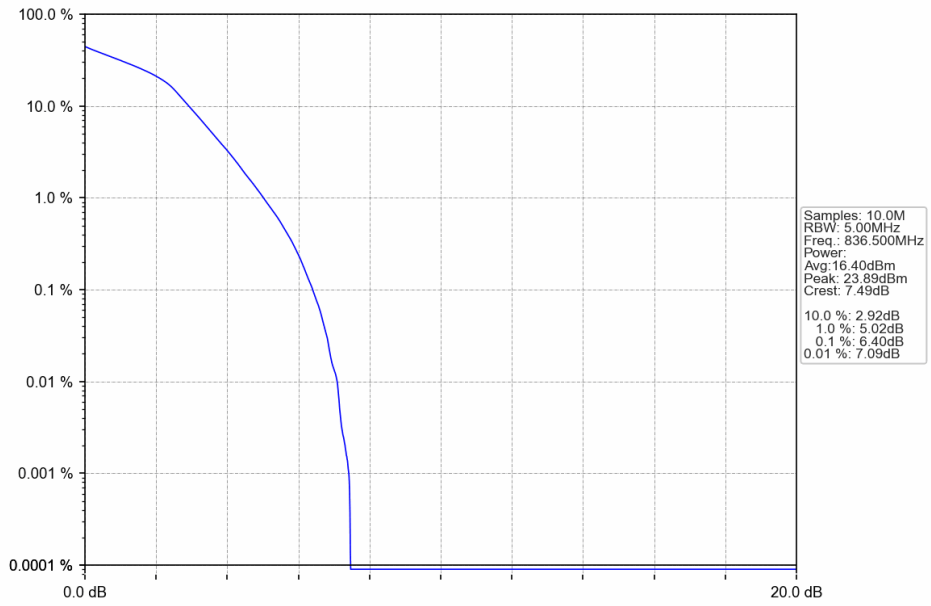
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



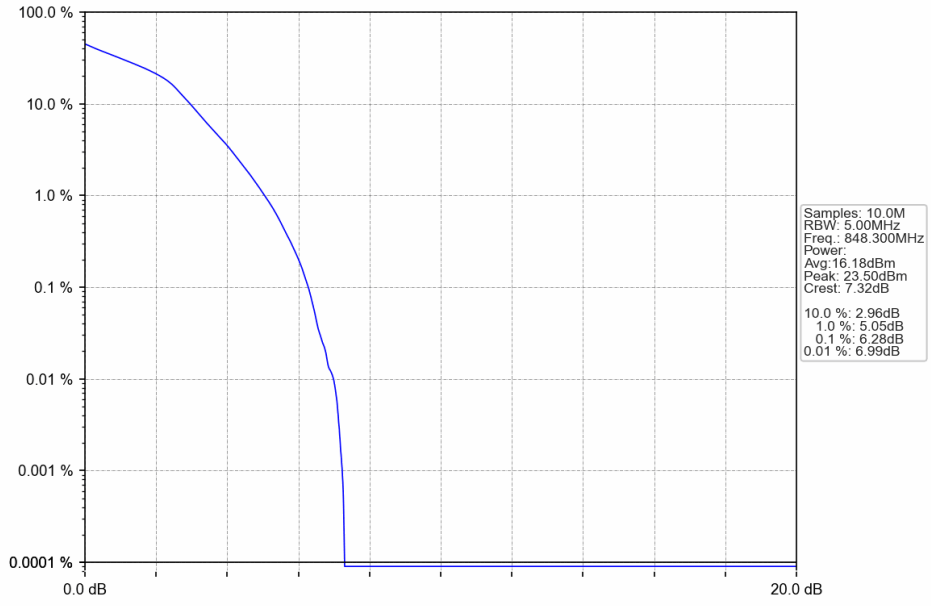
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

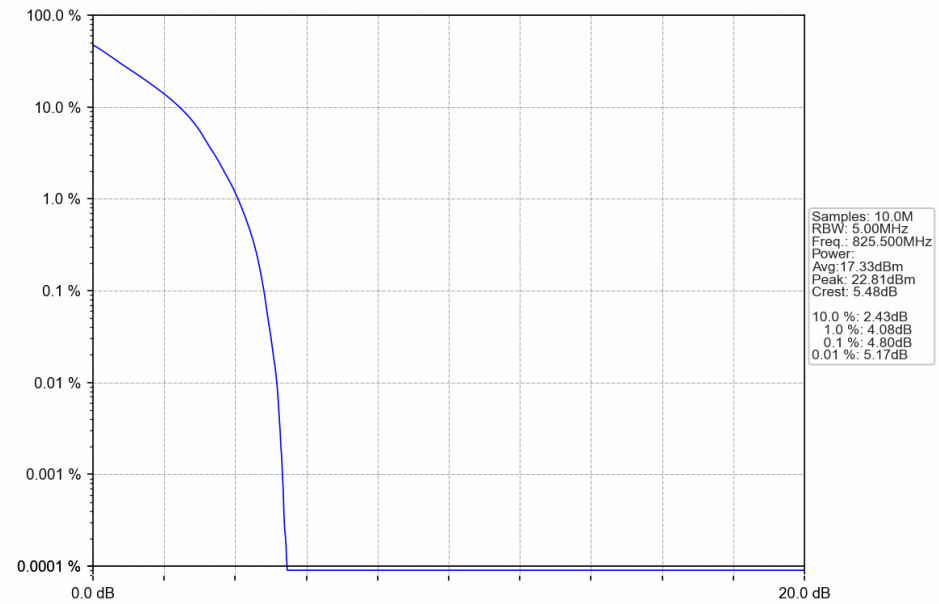


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

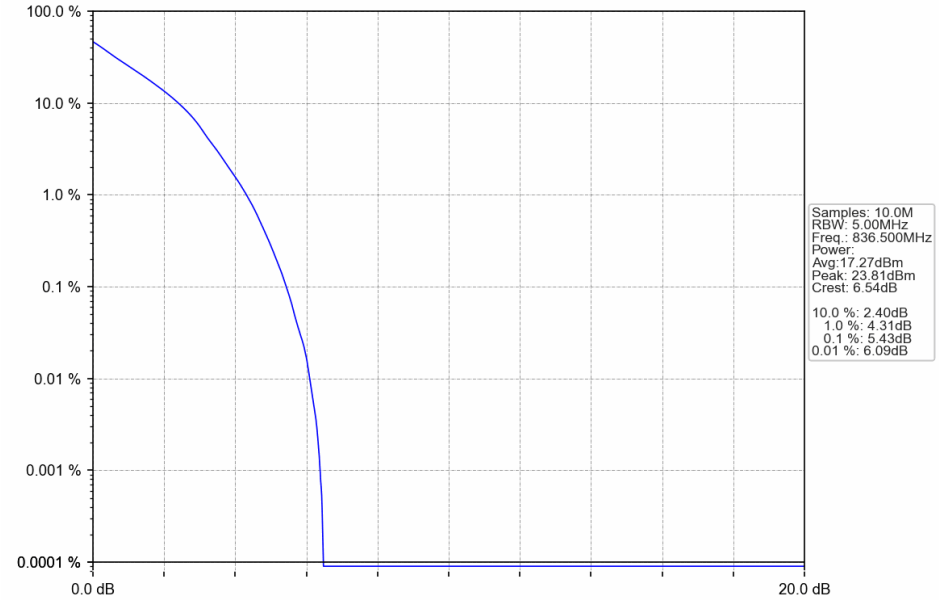


5.2.2 B5_3MHz

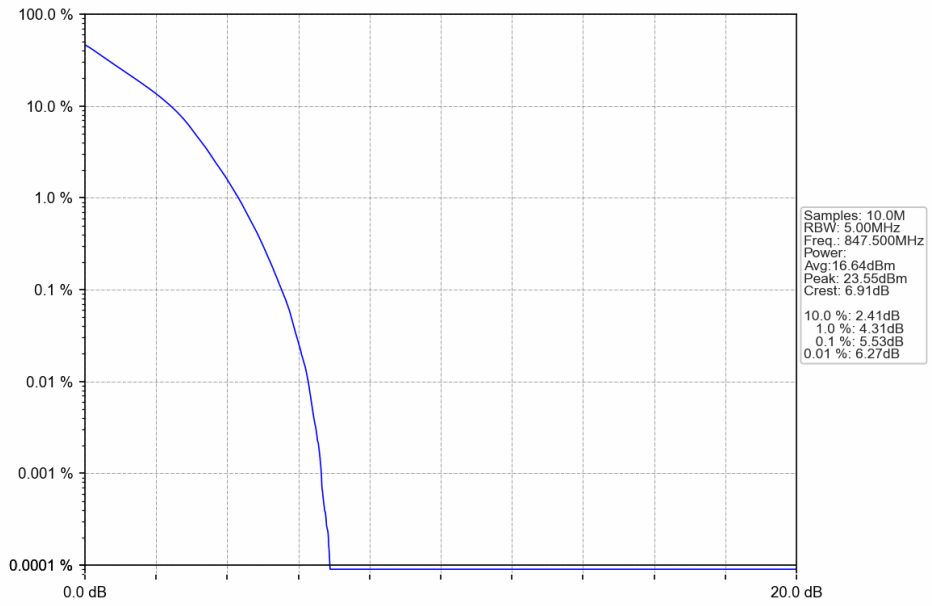
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



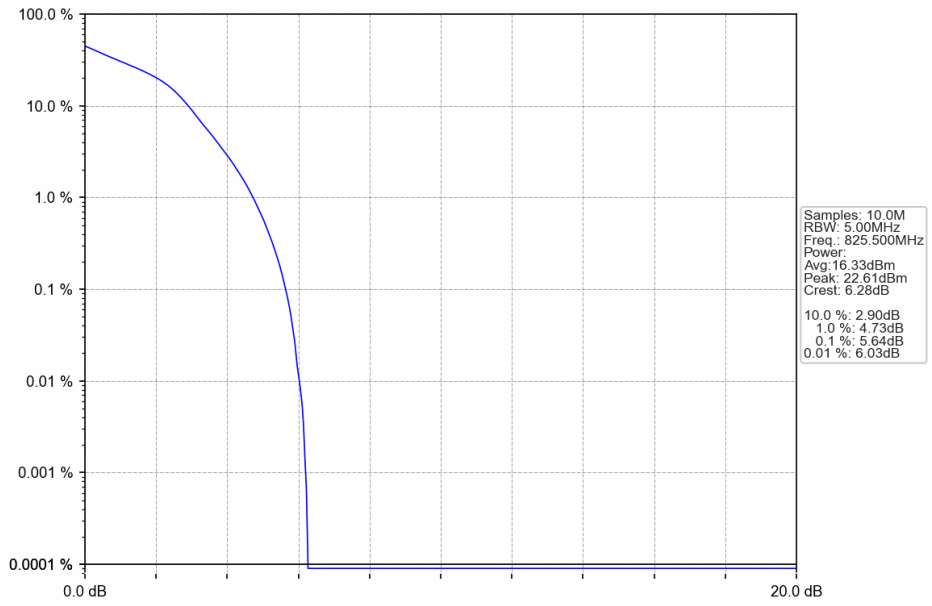
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



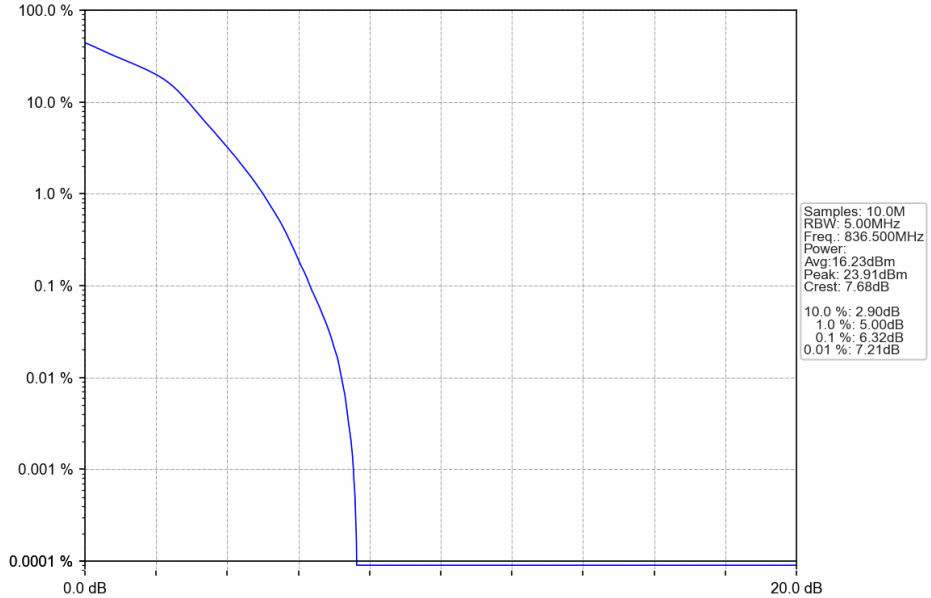
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



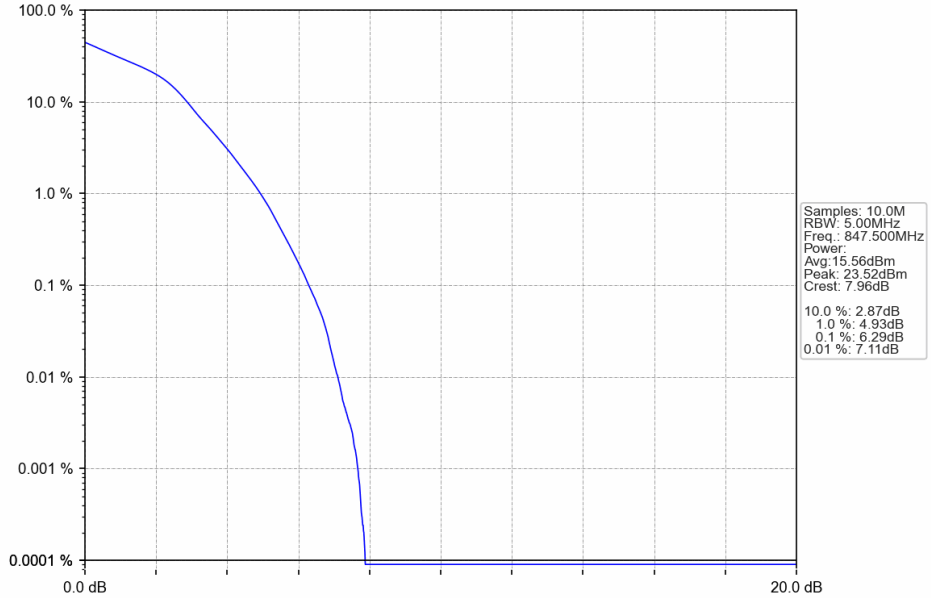
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

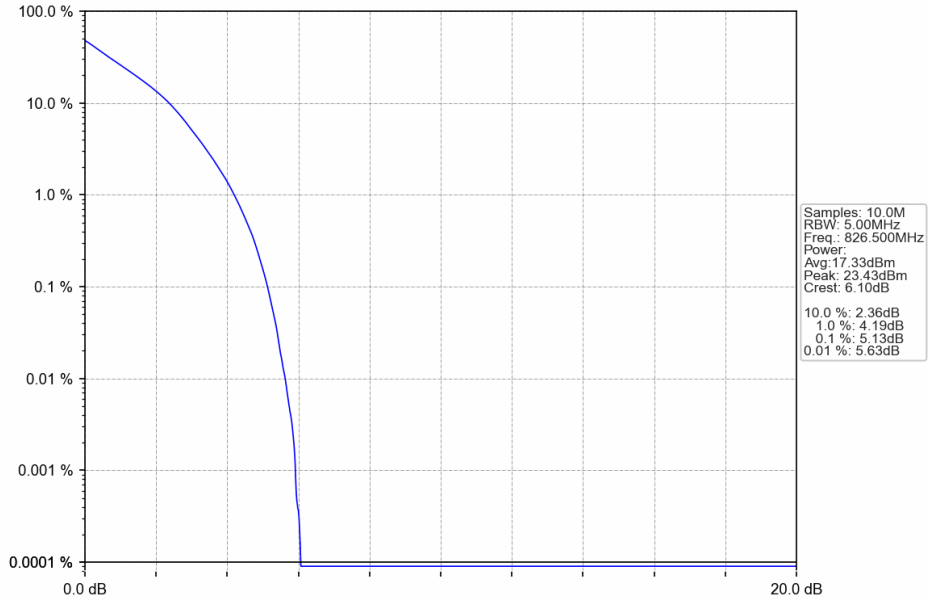


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

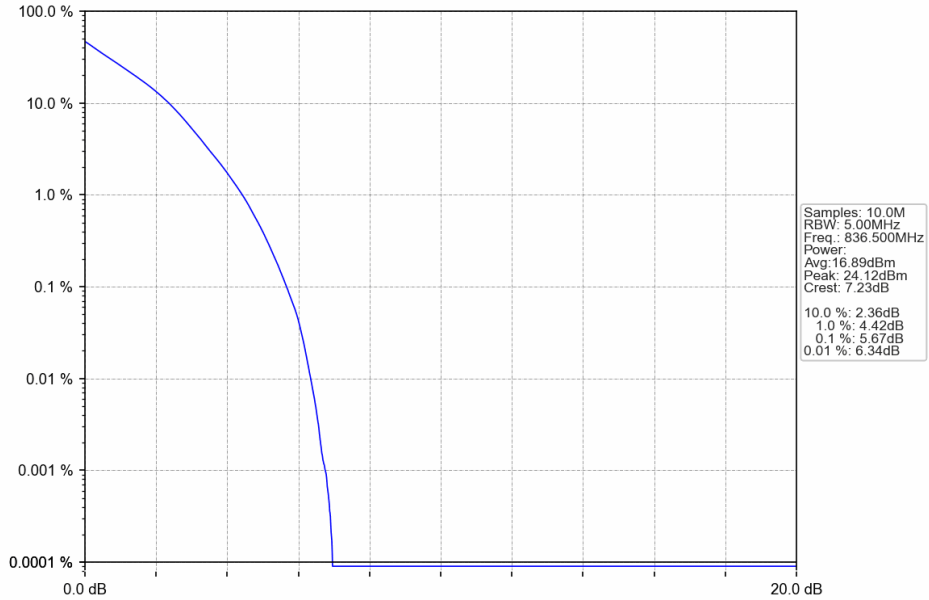


5.2.3 B5_5MHz

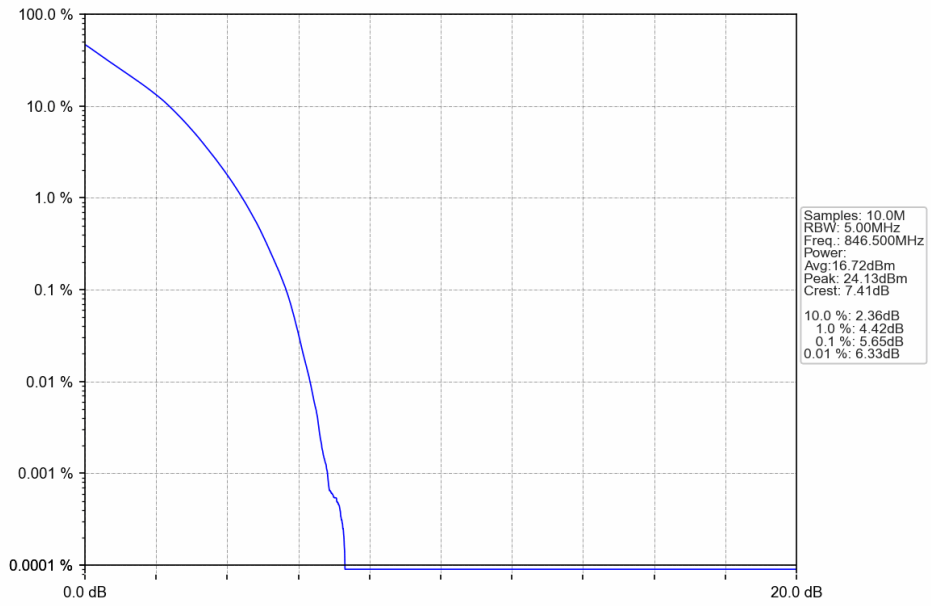
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



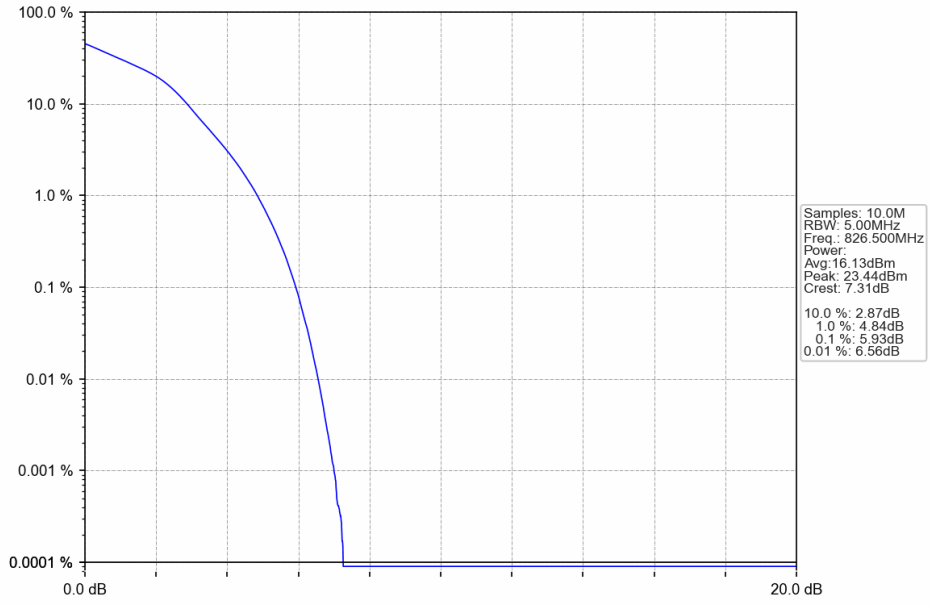
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



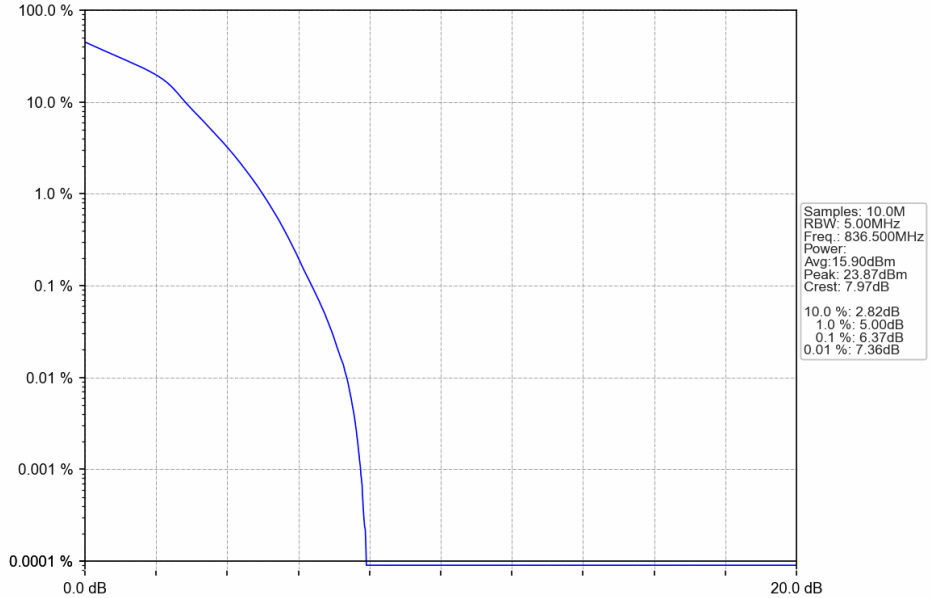
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



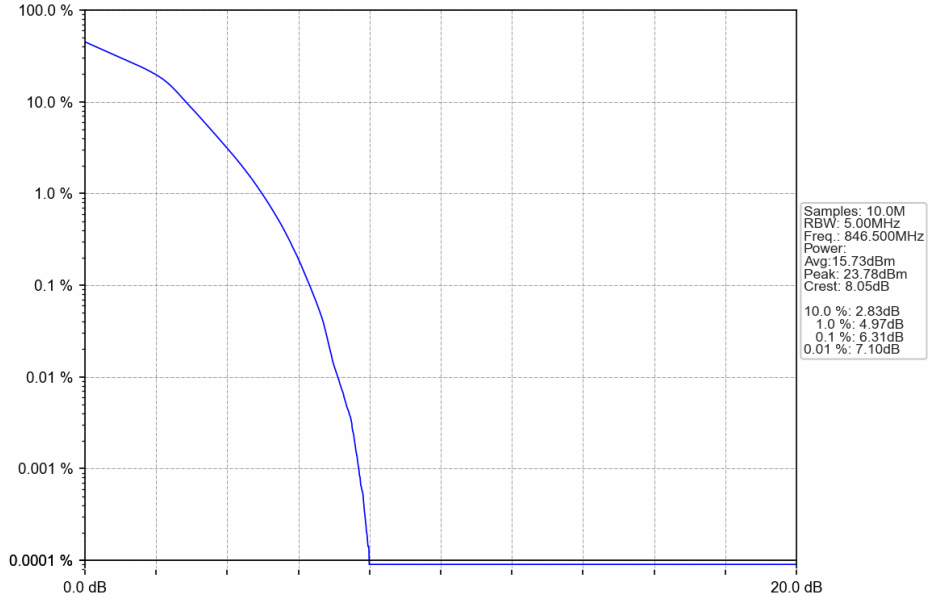
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

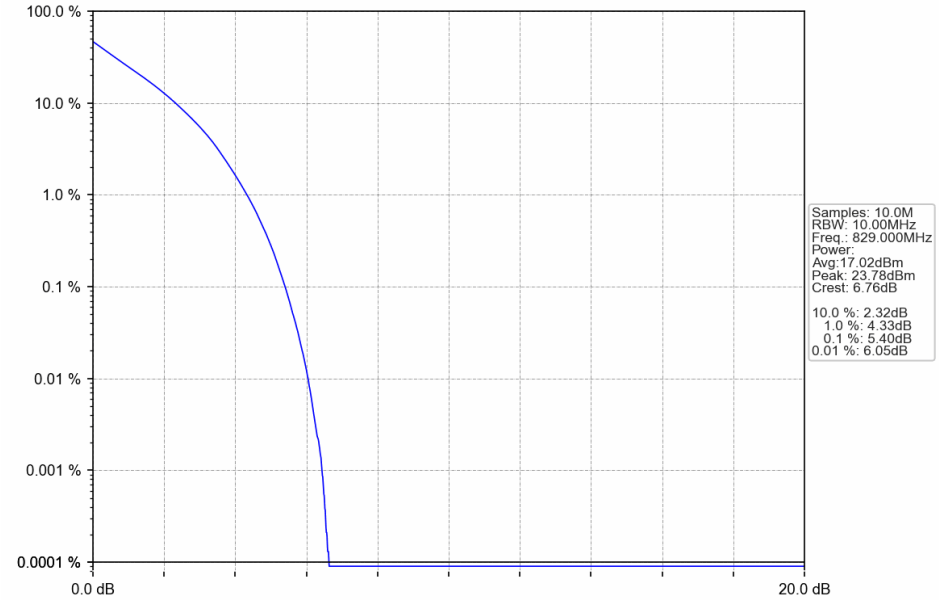


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

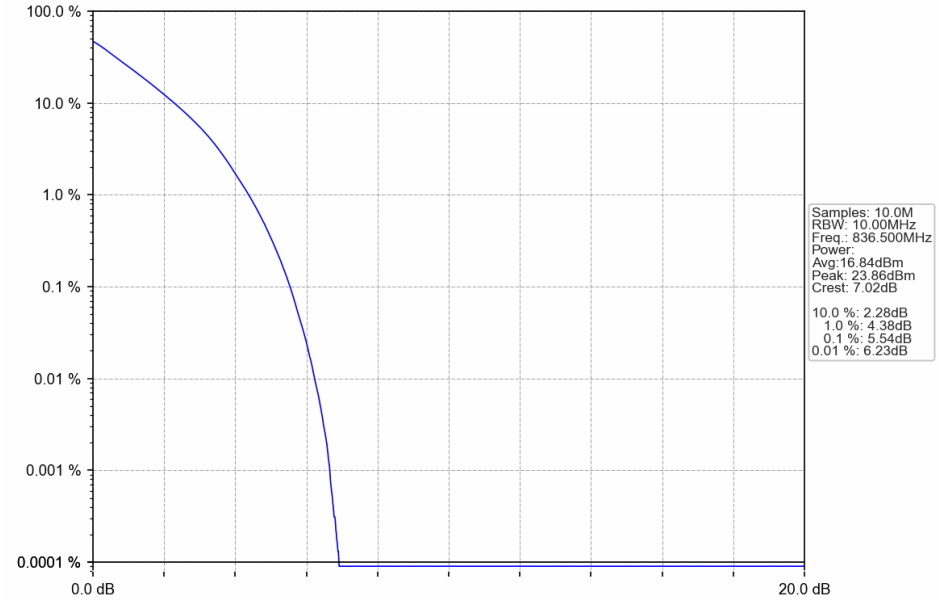


5.2.4 B5_10MHz

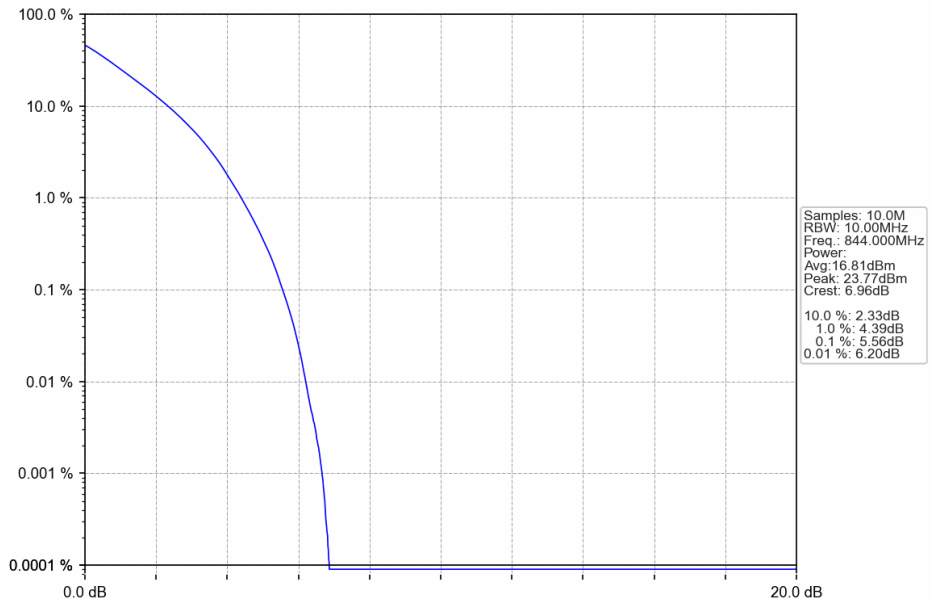
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



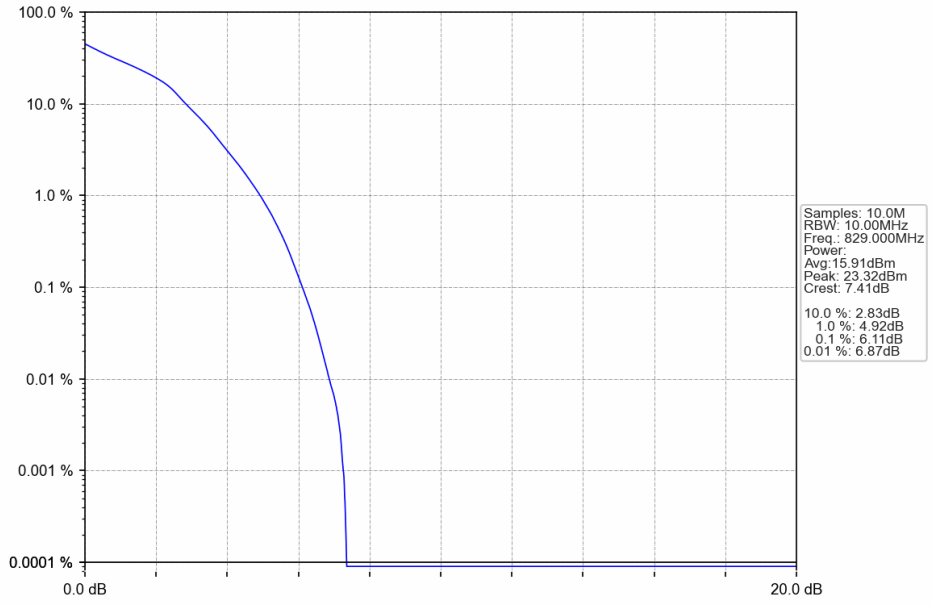
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



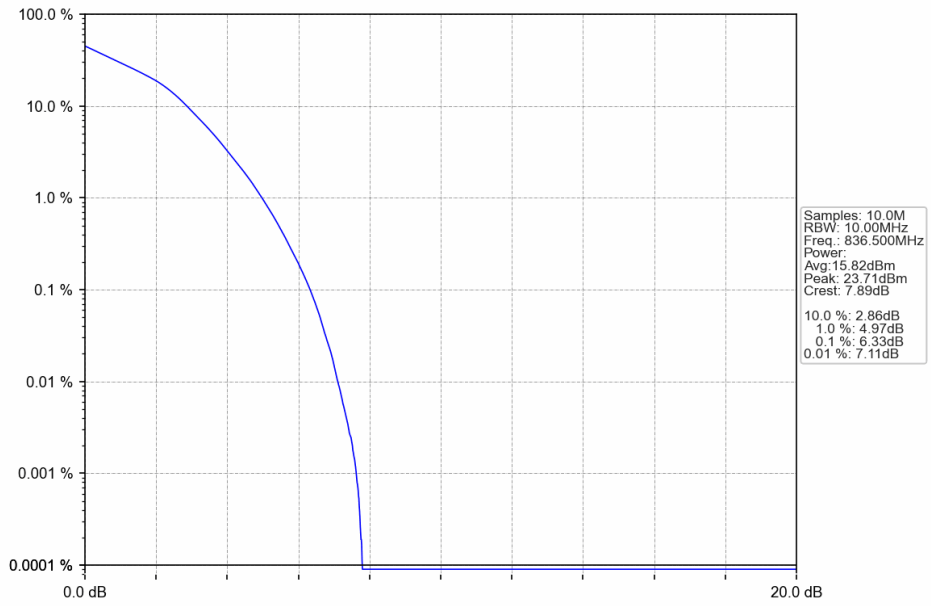
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



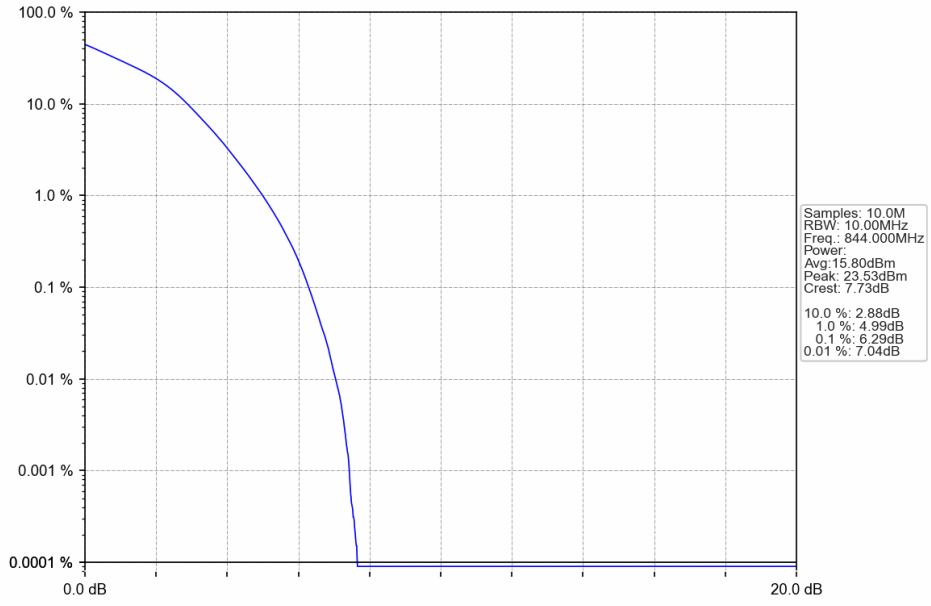
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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

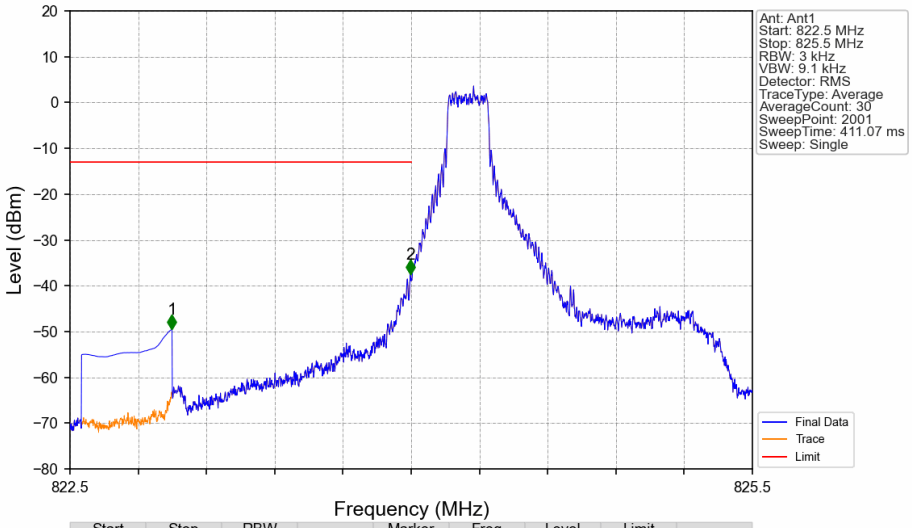
6.1.4 B5_10MHz

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

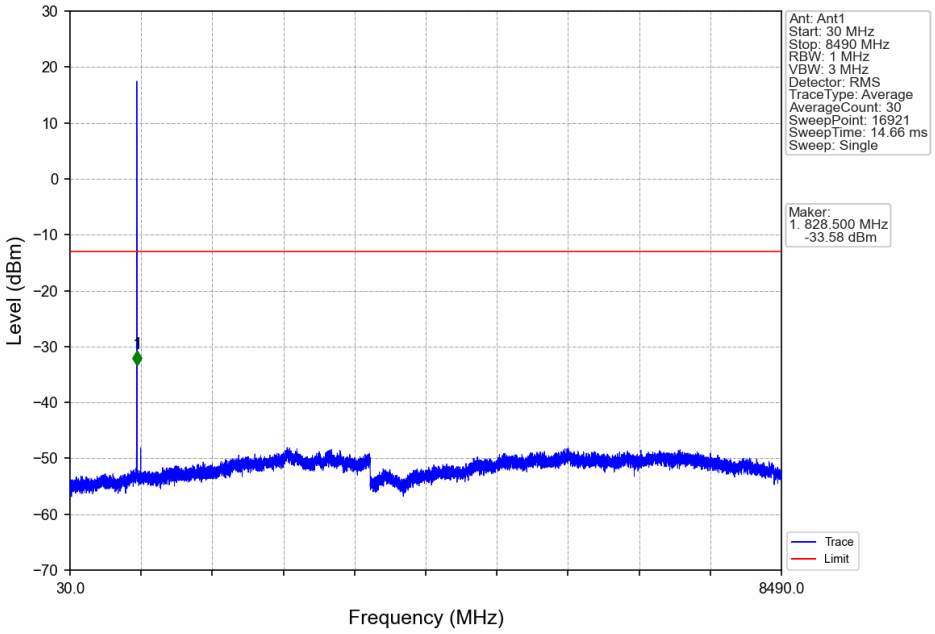
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

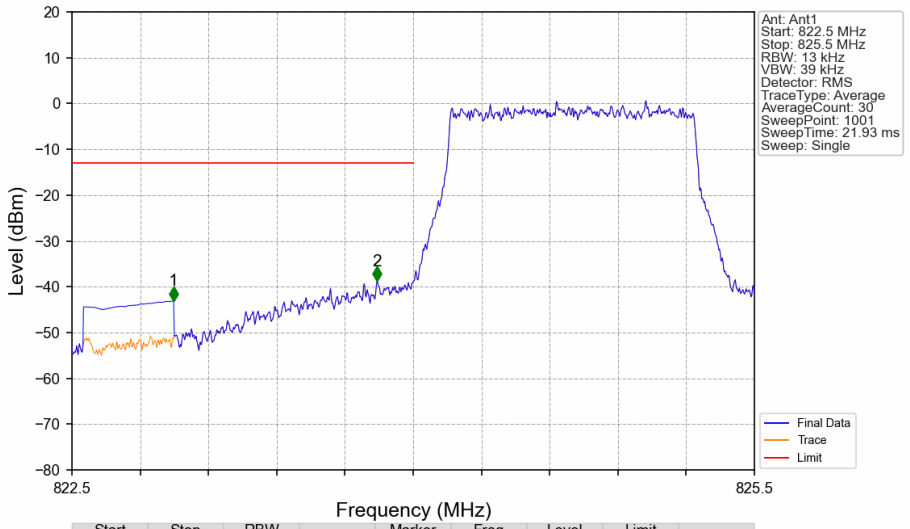


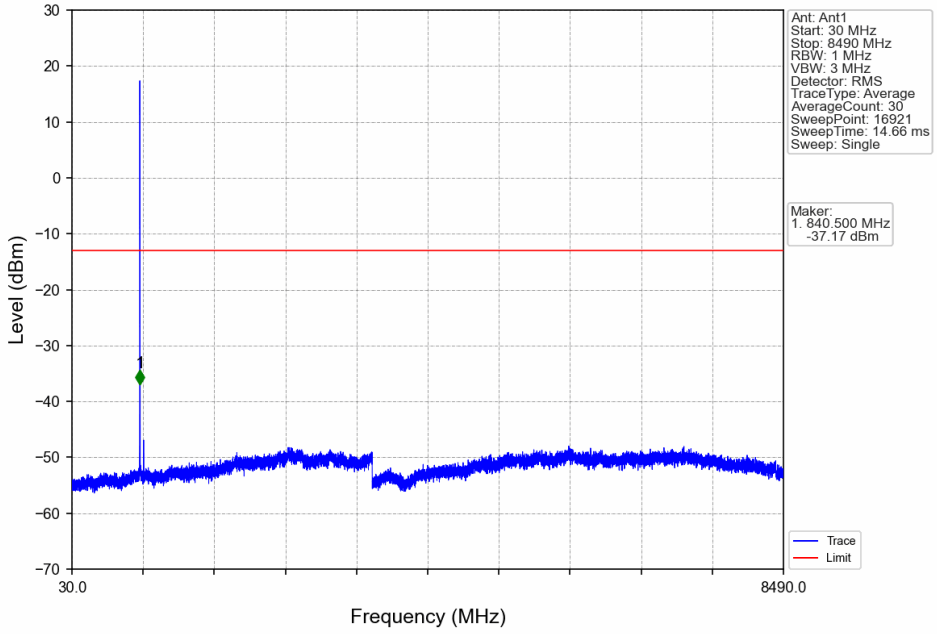
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.948	-49.55	-13	Pass
823	824	0.003	/	2	823.995	-37.45	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

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	-43.06	-13	Pass
823	824	0.013	/	2	823.841	-38.68	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV