

Appendix Test Data for LTE_band_5

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	23.83	0.62	22.30	<=38.45	Pass
			2	23.83	0.62	22.30	<=38.45	Pass
			5	23.82	0.62	22.29	<=38.45	Pass
		3	0	23.92	0.62	22.39	<=38.45	Pass
			2	23.94	0.62	22.41	<=38.45	Pass
			3	23.96	0.62	22.43	<=38.45	Pass
		6	0	22.89	0.62	21.36	<=38.45	Pass
	836.5	1	0	23.95	0.62	22.42	<=38.45	Pass
			2	23.95	0.62	22.42	<=38.45	Pass
			5	23.93	0.62	22.40	<=38.45	Pass
		3	0	23.92	0.62	22.39	<=38.45	Pass
			2	23.89	0.62	22.36	<=38.45	Pass
			3	23.88	0.62	22.35	<=38.45	Pass
		6	0	22.96	0.62	21.43	<=38.45	Pass
	848.3	1	0	23.88	0.62	22.35	<=38.45	Pass
			2	23.81	0.62	22.28	<=38.45	Pass
			5	23.56	0.62	22.03	<=38.45	Pass
		3	0	23.89	0.62	22.36	<=38.45	Pass
			2	23.90	0.62	22.37	<=38.45	Pass
			3	23.90	0.62	22.37	<=38.45	Pass
		6	0	22.90	0.62	21.37	<=38.45	Pass
16QAM	824.7	1	0	23.07	0.62	21.54	<=38.45	Pass
			2	23.11	0.62	21.58	<=38.45	Pass
			5	23.06	0.62	21.53	<=38.45	Pass
		3	0	22.83	0.62	21.30	<=38.45	Pass
			2	22.83	0.62	21.30	<=38.45	Pass
			3	22.82	0.62	21.29	<=38.45	Pass
		6	0	21.77	0.62	20.24	<=38.45	Pass
	836.5	1	0	22.85	0.62	21.32	<=38.45	Pass
			2	22.89	0.62	21.36	<=38.45	Pass
			5	22.86	0.62	21.33	<=38.45	Pass
		3	0	22.89	0.62	21.36	<=38.45	Pass
			2	22.85	0.62	21.32	<=38.45	Pass
			3	22.84	0.62	21.31	<=38.45	Pass
		6	0	21.98	0.62	20.45	<=38.45	Pass
	848.3	1	0	22.59	0.62	21.06	<=38.45	Pass
			2	22.59	0.62	21.06	<=38.45	Pass
			5	22.53	0.62	21.00	<=38.45	Pass
		3	0	22.83	0.62	21.30	<=38.45	Pass
			2	22.85	0.62	21.32	<=38.45	Pass
			3	22.81	0.62	21.28	<=38.45	Pass

		6	0	21.97	0.62	20.44	<=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	23.84	0.62	22.31	<=38.45	Pass
			7	23.86	0.62	22.33	<=38.45	Pass
			14	23.85	0.62	22.32	<=38.45	Pass
		8	0	22.89	0.62	21.36	<=38.45	Pass
			4	22.85	0.62	21.32	<=38.45	Pass
			7	22.89	0.62	21.36	<=38.45	Pass
		15	0	22.86	0.62	21.33	<=38.45	Pass
	836.5	1	0	23.96	0.62	22.43	<=38.45	Pass
			7	23.85	0.62	22.32	<=38.45	Pass
			14	23.78	0.62	22.25	<=38.45	Pass
		8	0	22.95	0.62	21.42	<=38.45	Pass
			4	22.93	0.62	21.40	<=38.45	Pass
			7	22.96	0.62	21.43	<=38.45	Pass
		15	0	22.94	0.62	21.41	<=38.45	Pass
	847.5	1	0	23.68	0.62	22.15	<=38.45	Pass
			7	23.51	0.62	21.98	<=38.45	Pass
			14	23.42	0.62	21.89	<=38.45	Pass
		8	0	22.89	0.62	21.36	<=38.45	Pass
			4	22.90	0.62	21.37	<=38.45	Pass
			7	22.88	0.62	21.35	<=38.45	Pass
		15	0	22.92	0.62	21.39	<=38.45	Pass
16QAM	825.5	1	0	23.10	0.62	21.57	<=38.45	Pass
			7	23.03	0.62	21.50	<=38.45	Pass
			14	22.97	0.62	21.44	<=38.45	Pass
		8	0	21.92	0.62	20.39	<=38.45	Pass
			4	21.86	0.62	20.33	<=38.45	Pass
			7	21.91	0.62	20.38	<=38.45	Pass
		15	0	21.81	0.62	20.28	<=38.45	Pass
	836.5	1	0	22.48	0.62	20.95	<=38.45	Pass
			7	22.40	0.62	20.87	<=38.45	Pass
			14	22.49	0.62	20.96	<=38.45	Pass
		8	0	21.97	0.62	20.44	<=38.45	Pass
			4	22.02	0.62	20.49	<=38.45	Pass
			7	22.01	0.62	20.48	<=38.45	Pass
		15	0	21.90	0.62	20.37	<=38.45	Pass
	847.5	1	0	22.56	0.62	21.03	<=38.45	Pass
			7	22.60	0.62	21.07	<=38.45	Pass
			14	22.58	0.62	21.05	<=38.45	Pass
		8	0	22.00	0.62	20.47	<=38.45	Pass
			4	21.98	0.62	20.45	<=38.45	Pass
			7	21.97	0.62	20.44	<=38.45	Pass
		15	0	21.94	0.62	20.41	<=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	23.99	0.62	22.46	<=38.45	Pass
			13	23.98	0.62	22.45	<=38.45	Pass
			24	24.01	0.62	22.48	<=38.45	Pass
		12	0	22.86	0.62	21.33	<=38.45	Pass
			6	22.88	0.62	21.35	<=38.45	Pass
			13	22.86	0.62	21.33	<=38.45	Pass
		25	0	22.92	0.62	21.39	<=38.45	Pass
	836.5	1	0	24.06	0.62	22.53	<=38.45	Pass
			13	23.94	0.62	22.41	<=38.45	Pass
			24	23.94	0.62	22.41	<=38.45	Pass
		12	0	23.03	0.62	21.50	<=38.45	Pass
			6	23.00	0.62	21.47	<=38.45	Pass
			13	22.97	0.62	21.44	<=38.45	Pass
		25	0	23.00	0.62	21.47	<=38.45	Pass
	846.5	1	0	23.71	0.62	22.18	<=38.45	Pass
			13	23.54	0.62	22.01	<=38.45	Pass
			24	23.59	0.62	22.06	<=38.45	Pass
		12	0	22.96	0.62	21.43	<=38.45	Pass
			6	22.91	0.62	21.38	<=38.45	Pass
			13	22.86	0.62	21.33	<=38.45	Pass
		25	0	22.94	0.62	21.41	<=38.45	Pass
16QAM	826.5	1	0	23.03	0.62	21.50	<=38.45	Pass
			13	23.05	0.62	21.52	<=38.45	Pass
			24	23.10	0.62	21.57	<=38.45	Pass
		12	0	21.95	0.62	20.42	<=38.45	Pass
			6	21.92	0.62	20.39	<=38.45	Pass
			13	21.87	0.62	20.34	<=38.45	Pass
		25	0	21.89	0.62	20.36	<=38.45	Pass
	836.5	1	0	22.92	0.62	21.39	<=38.45	Pass
			13	22.80	0.62	21.27	<=38.45	Pass
			24	22.77	0.62	21.24	<=38.45	Pass
		12	0	22.04	0.62	20.51	<=38.45	Pass
			6	22.01	0.62	20.48	<=38.45	Pass
			13	21.97	0.62	20.44	<=38.45	Pass
		25	0	22.04	0.62	20.51	<=38.45	Pass
	846.5	1	0	22.49	0.62	20.96	<=38.45	Pass
			13	22.43	0.62	20.90	<=38.45	Pass
			24	22.51	0.62	20.98	<=38.45	Pass
		12	0	21.99	0.62	20.46	<=38.45	Pass
			6	21.91	0.62	20.38	<=38.45	Pass
			13	21.89	0.62	20.36	<=38.45	Pass
		25	0	21.96	0.62	20.43	<=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	23.81	0.62	22.28	<=38.45	Pass
			25	23.93	0.62	22.40	<=38.45	Pass
			49	23.89	0.62	22.36	<=38.45	Pass
		25	0	22.92	0.62	21.39	<=38.45	Pass
			13	22.97	0.62	21.44	<=38.45	Pass
			25	22.92	0.62	21.39	<=38.45	Pass
		50	0	22.97	0.62	21.44	<=38.45	Pass
	836.5	1	0	23.86	0.62	22.33	<=38.45	Pass
			25	23.96	0.62	22.43	<=38.45	Pass
			49	23.83	0.62	22.30	<=38.45	Pass
		25	0	23.00	0.62	21.47	<=38.45	Pass
			13	22.99	0.62	21.46	<=38.45	Pass
			25	22.97	0.62	21.44	<=38.45	Pass
		50	0	23.02	0.62	21.49	<=38.45	Pass
	844	1	0	23.50	0.62	21.97	<=38.45	Pass
			25	23.44	0.62	21.91	<=38.45	Pass
			49	23.43	0.62	21.90	<=38.45	Pass
		25	0	23.02	0.62	21.49	<=38.45	Pass
			13	22.91	0.62	21.38	<=38.45	Pass
			25	22.88	0.62	21.35	<=38.45	Pass
		50	0	22.97	0.62	21.44	<=38.45	Pass
16QAM	829	1	0	23.00	0.62	21.47	<=38.45	Pass
			25	22.98	0.62	21.45	<=38.45	Pass
			49	23.12	0.62	21.59	<=38.45	Pass
		12	0	22.91	0.62	21.38	<=38.45	Pass
			19	22.99	0.62	21.46	<=38.45	Pass
			38	22.98	0.62	21.45	<=38.45	Pass
		27	0	21.96	0.62	20.43	<=38.45	Pass
	836.5	1	0	22.45	0.62	20.92	<=38.45	Pass
			25	22.40	0.62	20.87	<=38.45	Pass
			49	22.48	0.62	20.95	<=38.45	Pass
		12	0	22.99	0.62	21.46	<=38.45	Pass
			19	22.97	0.62	21.44	<=38.45	Pass
			38	22.99	0.62	21.46	<=38.45	Pass
		27	0	21.98	0.62	20.45	<=38.45	Pass
	844	1	0	22.60	0.62	21.07	<=38.45	Pass
			25	22.57	0.62	21.04	<=38.45	Pass
			49	22.54	0.62	21.01	<=38.45	Pass
		12	0	23.00	0.62	21.47	<=38.45	Pass
			19	22.97	0.62	21.44	<=38.45	Pass
			38	22.97	0.62	21.44	<=38.45	Pass
		27	23	21.85	0.62	20.32	<=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	1.359	0.0016	-2.5 to 2.5	Pass
					3.85	3.448	0.0042	-2.5 to 2.5	Pass
					4.43	0.916	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.488	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.390	0.0041	-2.5 to 2.5	Pass
				0	3.85	1.173	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.488	0.0018	-2.5 to 2.5	Pass
				30	3.85	-4.578	-0.0056	-2.5 to 2.5	Pass
				40	3.85	6.509	0.0079	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0003	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-3.347	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.576	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	3.076	0.0037	-2.5 to 2.5	Pass
				-20	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				0	3.85	2.561	0.0031	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0080	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0002	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	2.303	0.0027	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.819	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.302	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				10	3.85	3.877	0.0046	-2.5 to 2.5	Pass
				30	3.85	-3.548	-0.0042	-2.5 to 2.5	Pass
				40	3.85	4.535	0.0053	-2.5 to 2.5	Pass
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-0.715	-0.0009	-2.5 to 2.5	Pass
					3.85	3.190	0.0039	-2.5 to 2.5	Pass
					4.43	2.689	0.0033	-2.5 to 2.5	Pass
				-30	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				-20	3.85	4.435	0.0054	-2.5 to 2.5	Pass
				-10	3.85	3.047	0.0037	-2.5 to 2.5	Pass
				0	3.85	2.975	0.0036	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass

				30	3.85	-1.373	-0.0017	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.245	0.0015	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-4.406	-0.0053	-2.5 to 2.5	Pass
					3.85	-4.992	-0.0060	-2.5 to 2.5	Pass
					4.43	-1.531	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass
				0	3.85	2.046	0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.704	0.0032	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.644	0.0008	-2.5 to 2.5	Pass
					3.85	2.704	0.0032	-2.5 to 2.5	Pass
					4.43	-2.289	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-5.522	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	4.148	0.0049	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.748	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.704	0.0032	-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	2.489	0.0030	-2.5 to 2.5	Pass
					3.85	2.432	0.0029	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				10	3.85	3.533	0.0043	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0054	-2.5 to 2.5	Pass
				40	3.85	1.631	0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.631	-0.0020	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-1.187	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
					4.43	2.303	0.0028	-2.5 to 2.5	Pass
				-30	3.85	-1.702	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0020	-2.5 to 2.5	Pass

				30	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0047	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-5.379	-0.0063	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-0.401	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.860	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
				50	3.85	1.531	0.0018	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-2.904	-0.0035	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.372	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	1.831	0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.891	0.0047	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-3.848	-0.0046	-2.5 to 2.5	Pass
					3.85	5.808	0.0069	-2.5 to 2.5	Pass
					4.43	1.702	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.632	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-6.409	-0.0077	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	1.745	0.0021	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0035	-2.5 to 2.5	Pass
				10	3.85	3.018	0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.388	-0.0016	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.275	-0.0027	-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	-2.131	-0.0026	-2.5 to 2.5	Pass
					3.85	1.016	0.0012	-2.5 to 2.5	Pass
					4.43	0.072	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.017	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.588	0.0019	-2.5 to 2.5	Pass
				10	3.85	3.591	0.0043	-2.5 to 2.5	Pass
				30	3.85	2.460	0.0030	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.157	-0.0002	-2.5 to 2.5	Pass
					3.85	-3.576	-0.0043	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	1.931	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.758	0.0009	-2.5 to 2.5	Pass
					3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.978	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.604	0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0014	-2.5 to 2.5	Pass
				40	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0020	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	4.606	0.0056	-2.5 to 2.5	Pass
					3.85	0.014	0.0000	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.575	0.0031	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				10	3.85	1.931	0.0023	-2.5 to 2.5	Pass
				30	3.85	1.788	0.0022	-2.5 to 2.5	Pass
				40	3.85	2.632	0.0032	-2.5 to 2.5	Pass
				50	3.85	0.744	0.0009	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-2.403	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.764	-0.0057	-2.5 to 2.5	Pass

					4.43	-2.503	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				50	3.85	1.216	0.0015	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.672	0.0008	-2.5 to 2.5	Pass
					3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.460	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0055	-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	-0.486	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	2.632	0.0032	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.772	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.646	0.0032	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				50	3.85	2.718	0.0033	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-2.189	-0.0026	-2.5 to 2.5	Pass
					3.85	1.717	0.0021	-2.5 to 2.5	Pass
					4.43	-1.345	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				10	3.85	1.459	0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.216	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.772	-0.0009	-2.5 to 2.5	Pass

					4.43	-0.772	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.801	0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				40	3.85	1.230	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.116	0.0013	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.27	-0.730	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.933	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	3.633	0.0044	-2.5 to 2.5	Pass
				-20	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				0	3.85	1.845	0.0022	-2.5 to 2.5	Pass
				10	3.85	4.320	0.0052	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
	836.5	27	0	20	3.27	0.844	0.0010	-2.5 to 2.5	Pass
					3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
					4.43	1.402	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.917	0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				30	3.85	3.219	0.0038	-2.5 to 2.5	Pass
				40	3.85	2.575	0.0031	-2.5 to 2.5	Pass
				50	3.85	3.963	0.0047	-2.5 to 2.5	Pass
	844	27	23	20	3.27	-1.874	-0.0022	-2.5 to 2.5	Pass
					3.85	0.000	0.0000	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	1.731	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-3.920	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.631	-0.0019	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTV						
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 / NTV						
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

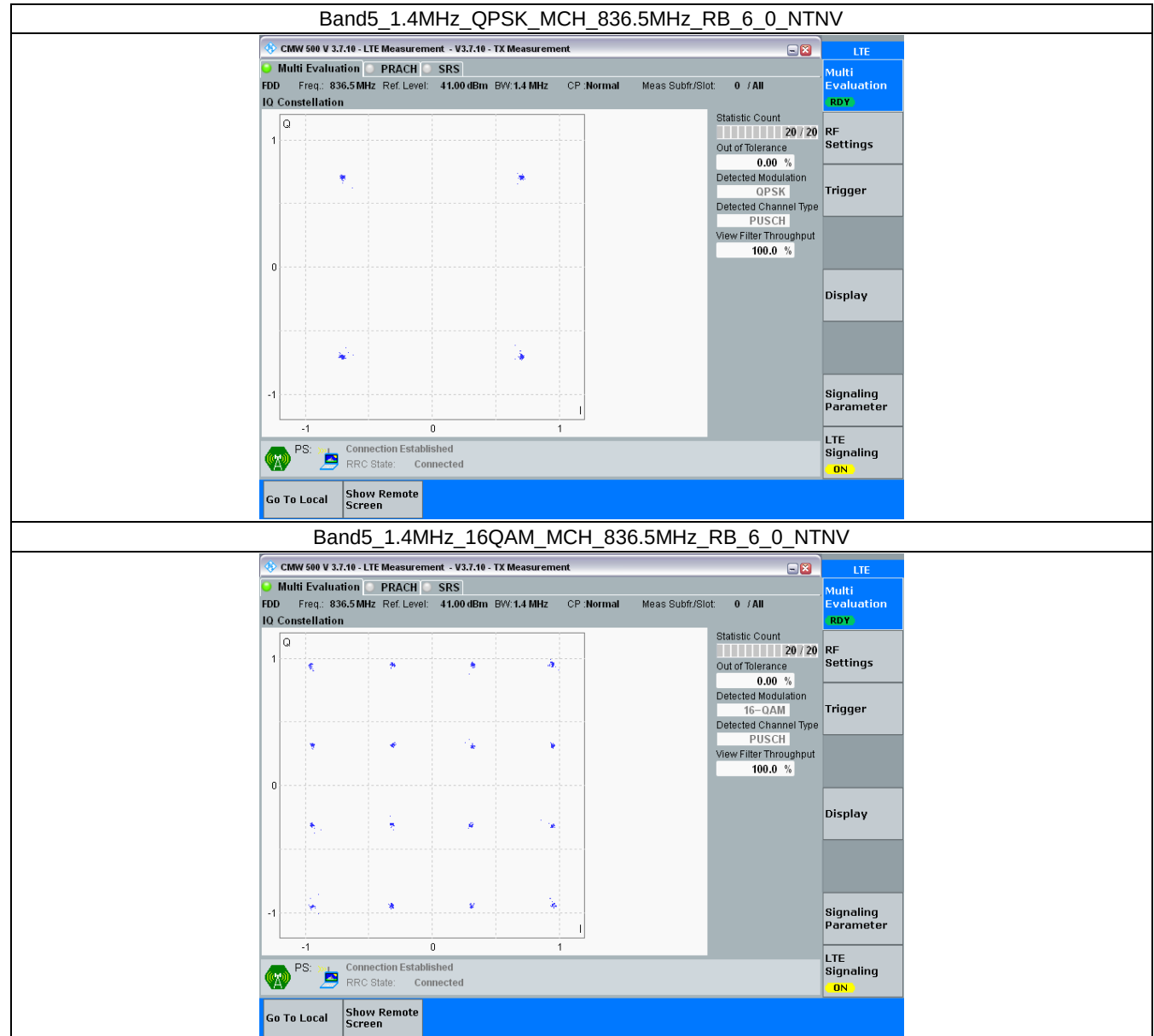
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

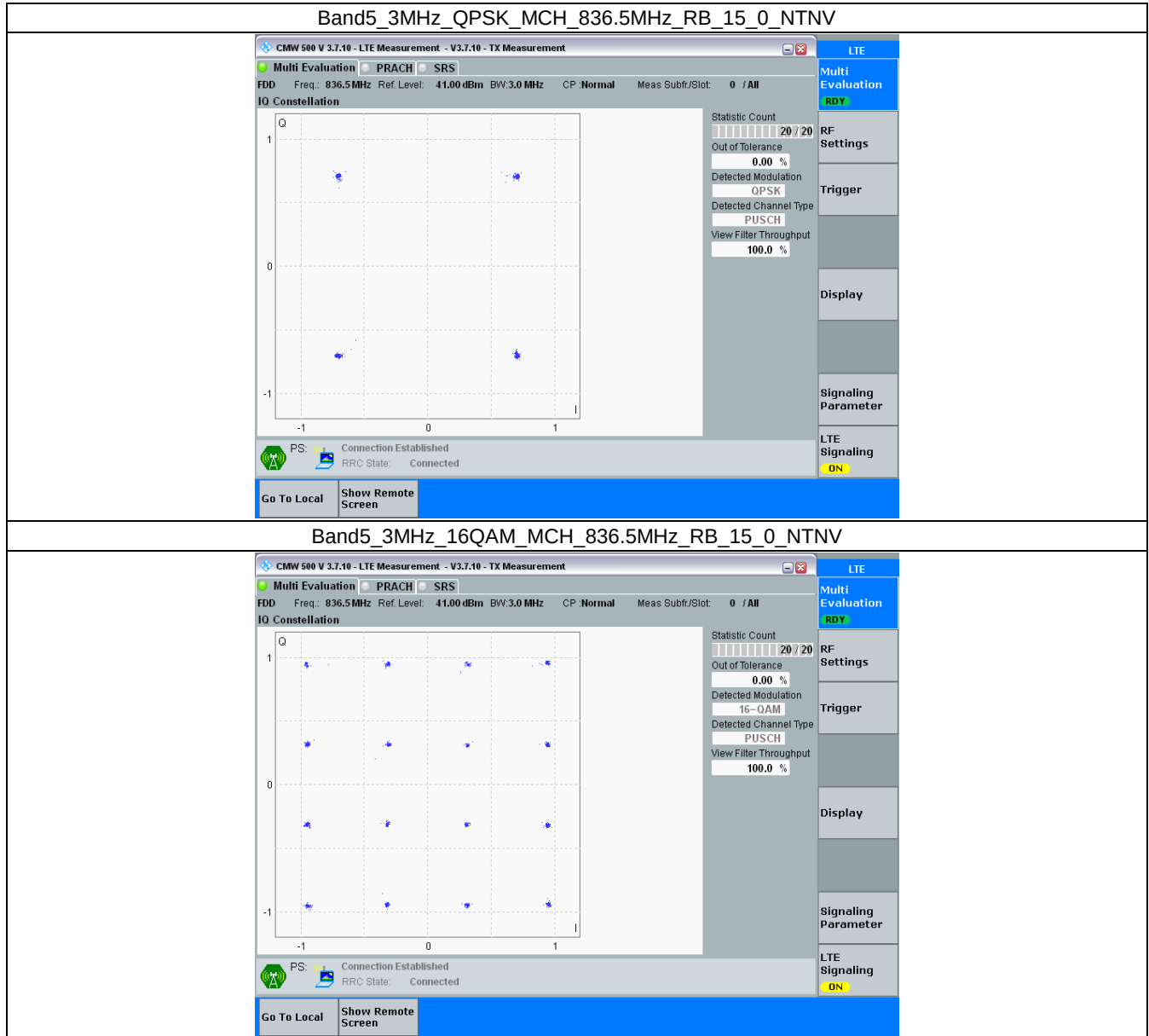
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

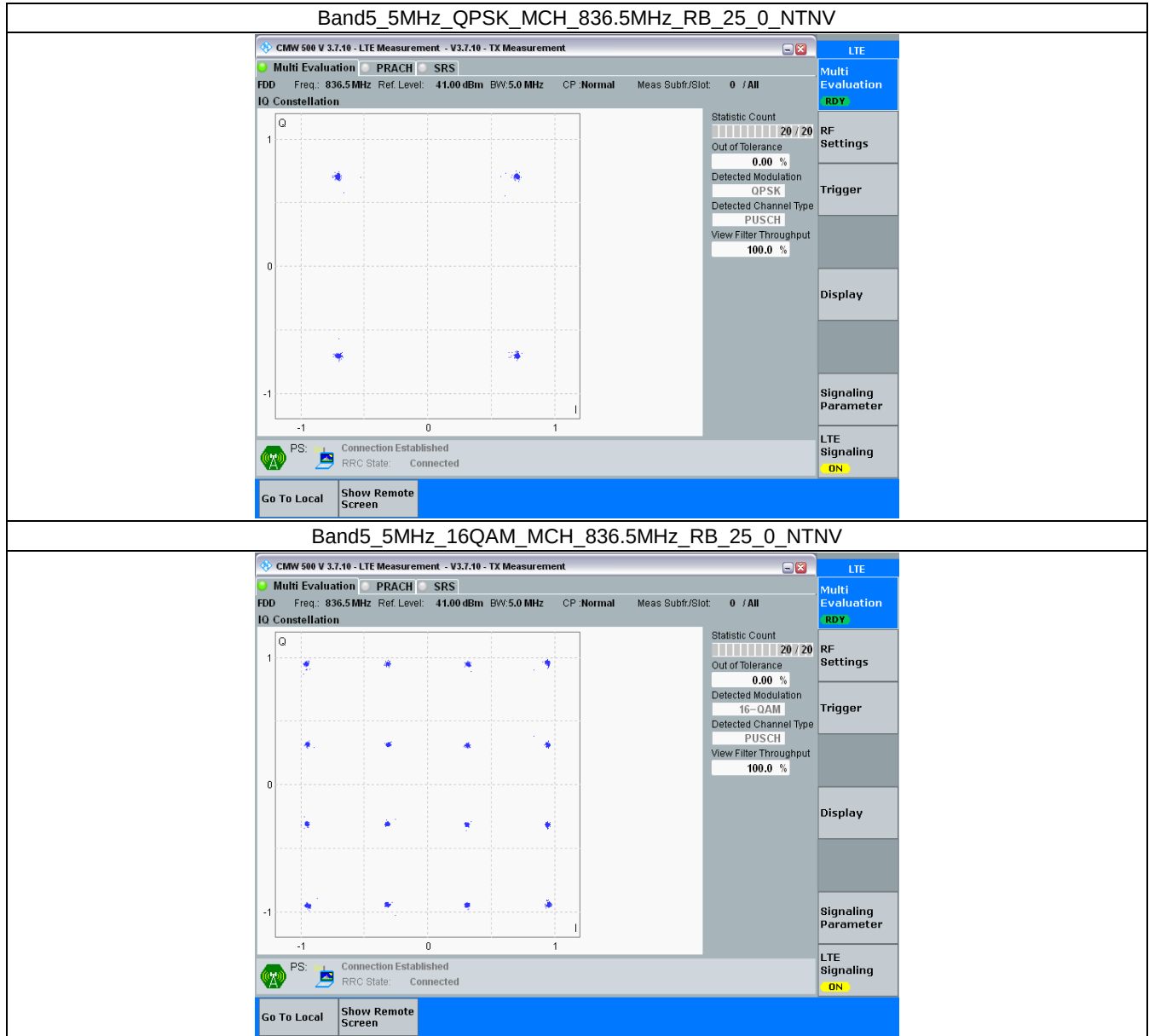
3.2.1 B5_1.4MHz



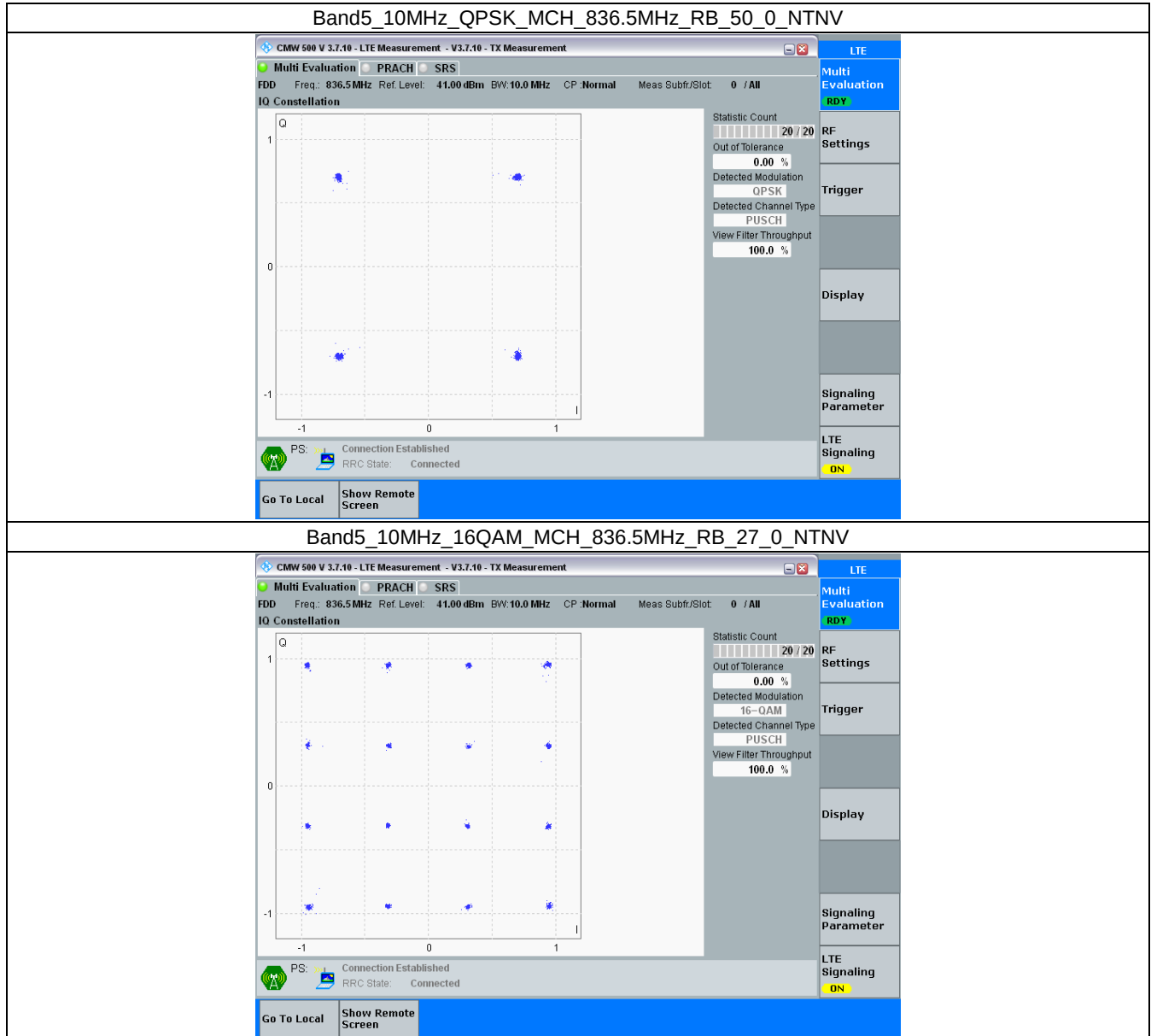
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



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	1.082	/	Pass
		836.5	6	0	1.082	/	Pass
		848.3	6	0	1.078	/	Pass
	16QAM	824.7	6	0	1.084	/	Pass
		836.5	6	0	1.077	/	Pass
		848.3	6	0	1.084	/	Pass
3	QPSK	825.5	15	0	2.684	/	Pass
		836.5	15	0	2.678	/	Pass
		847.5	15	0	2.682	/	Pass
	16QAM	825.5	15	0	2.682	/	Pass
		836.5	15	0	2.683	/	Pass
		847.5	15	0	2.678	/	Pass
5	QPSK	826.5	25	0	4.471	/	Pass
		836.5	25	0	4.473	/	Pass
		846.5	25	0	4.480	/	Pass
	16QAM	826.5	25	0	4.473	/	Pass
		836.5	25	0	4.484	/	Pass
		846.5	25	0	4.478	/	Pass
10	QPSK	829	50	0	8.936	/	Pass
		836.5	50	0	8.969	/	Pass
		844	50	0	8.969	/	Pass
	16QAM	829	27	0	4.850	/	Pass
		836.5	27	0	4.848	/	Pass
		844	27	23	4.826	/	Pass

4.1.2 Band5_XDB

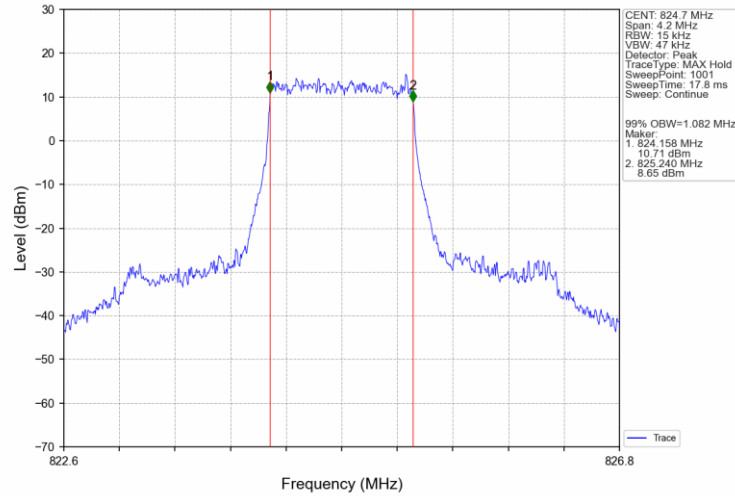
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.222	/	Pass
		836.5	6	0	1.257	/	Pass
		848.3	6	0	1.238	/	Pass
	16QAM	824.7	6	0	1.259	/	Pass
		836.5	6	0	1.219	/	Pass
		848.3	6	0	1.263	/	Pass
3	QPSK	825.5	15	0	2.887	/	Pass
		836.5	15	0	2.884	/	Pass

	16QAM	847.5	15	0	2.885	/	Pass
		825.5	15	0	2.888	/	Pass
		836.5	15	0	2.866	/	Pass
		847.5	15	0	2.880	/	Pass
5	QPSK	826.5	25	0	4.861	/	Pass
		836.5	25	0	4.857	/	Pass
		846.5	25	0	4.862	/	Pass
	16QAM	826.5	25	0	4.881	/	Pass
		836.5	25	0	4.869	/	Pass
		846.5	25	0	4.875	/	Pass
10	QPSK	829	50	0	9.608	/	Pass
		836.5	50	0	9.615	/	Pass
		844	50	0	9.653	/	Pass
	16QAM	829	27	0	5.453	/	Pass
		836.5	27	0	5.495	/	Pass
		844	27	23	5.572	/	Pass

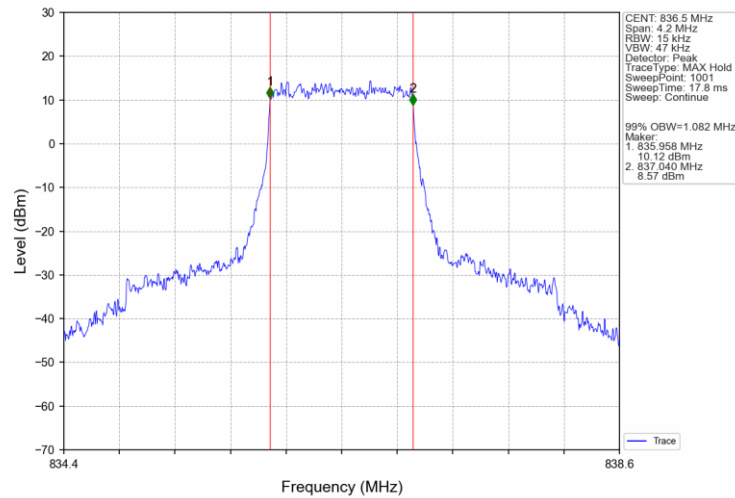
4.2 Test Graph

4.2.1 Band5_OBW

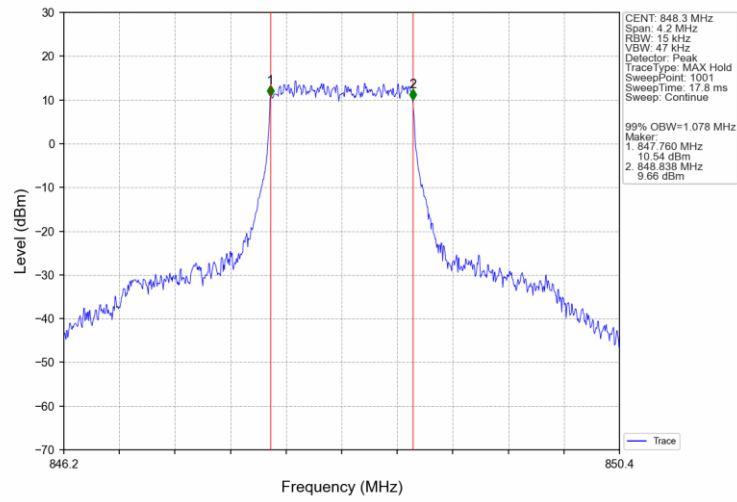
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



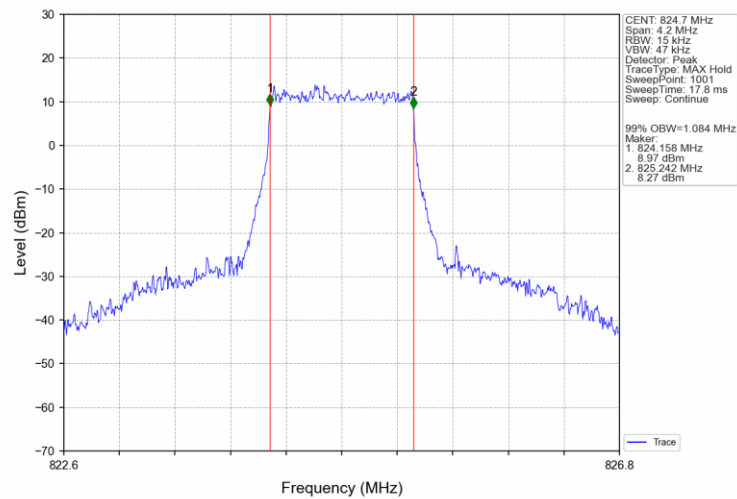
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



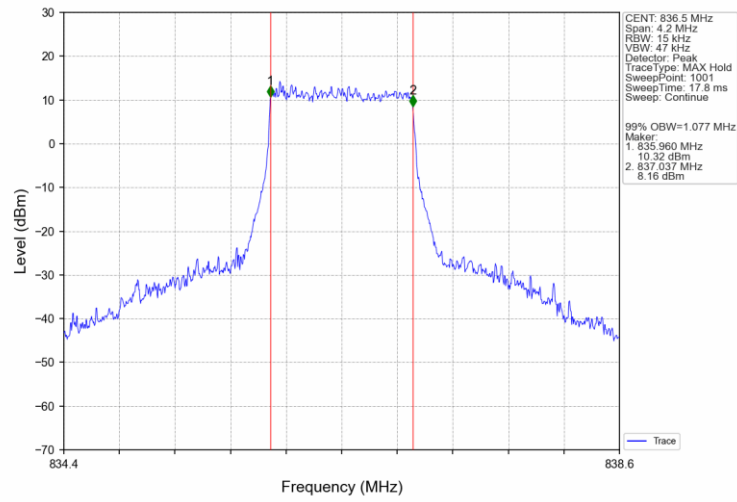
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



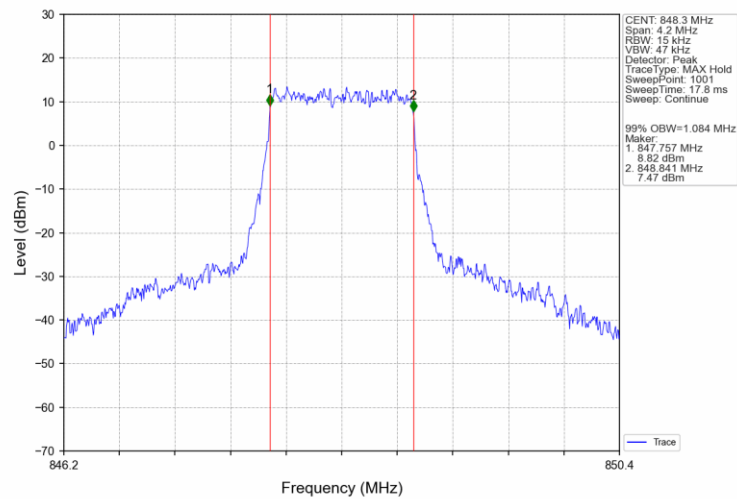
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



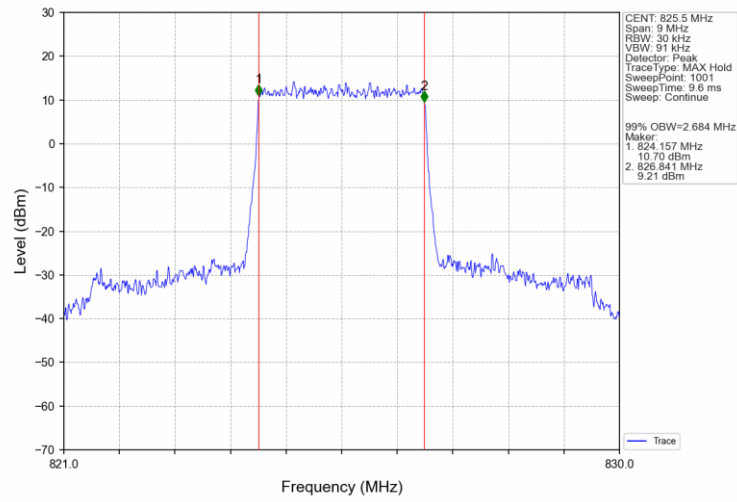
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



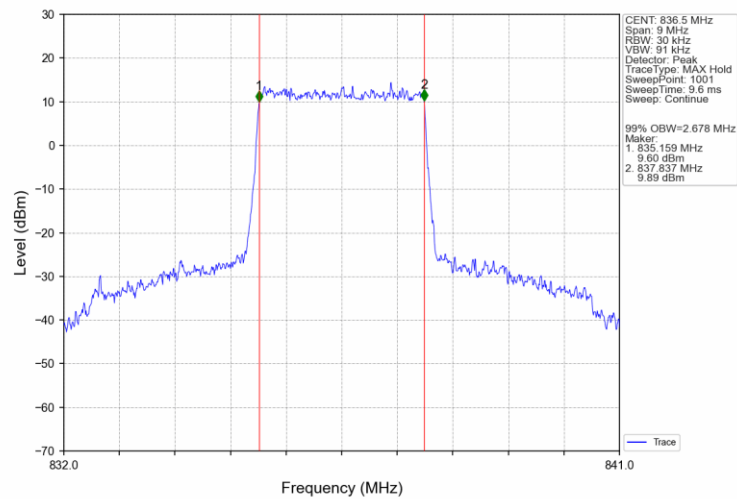
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



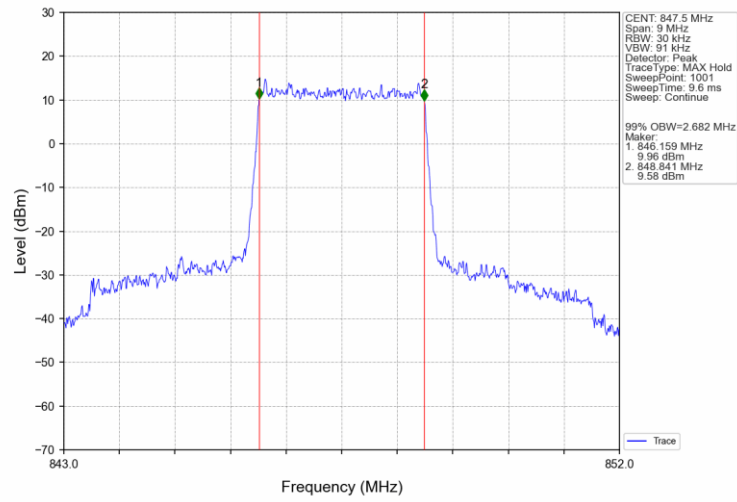
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



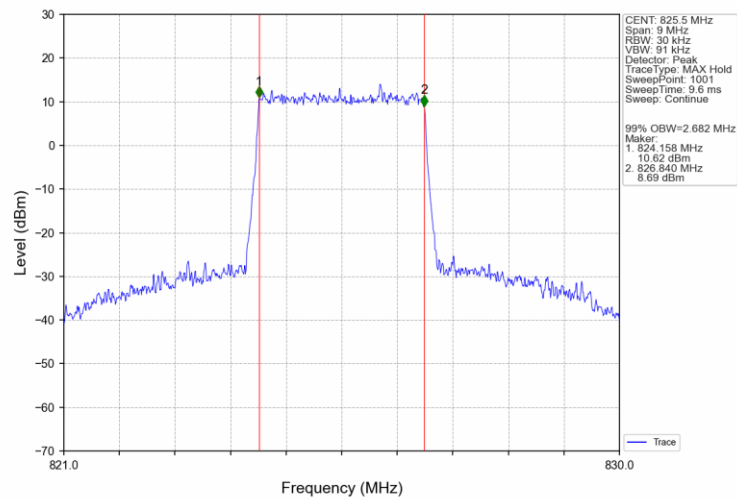
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



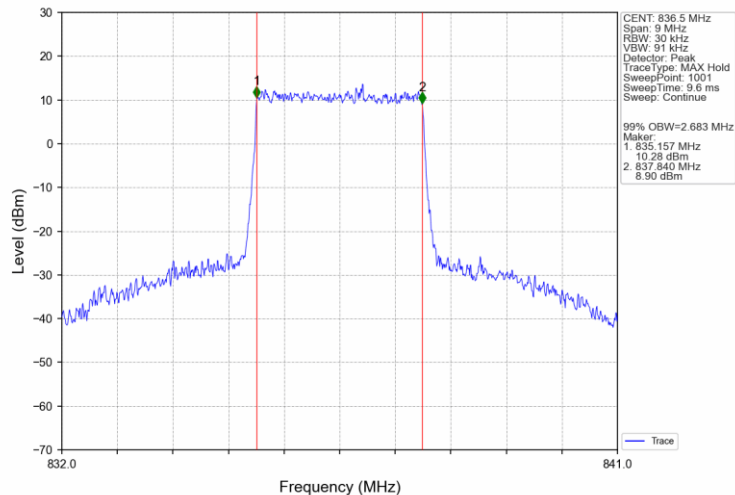
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



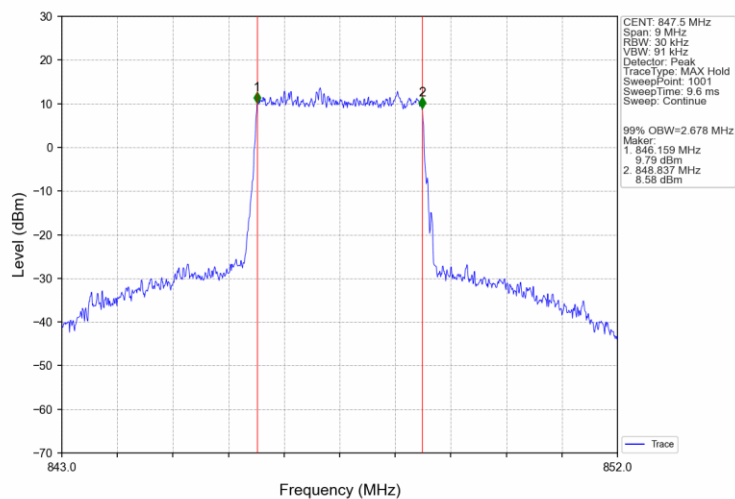
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



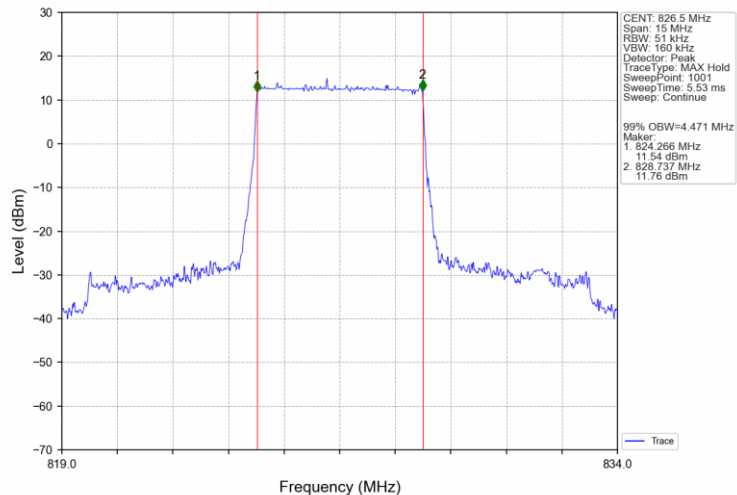
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



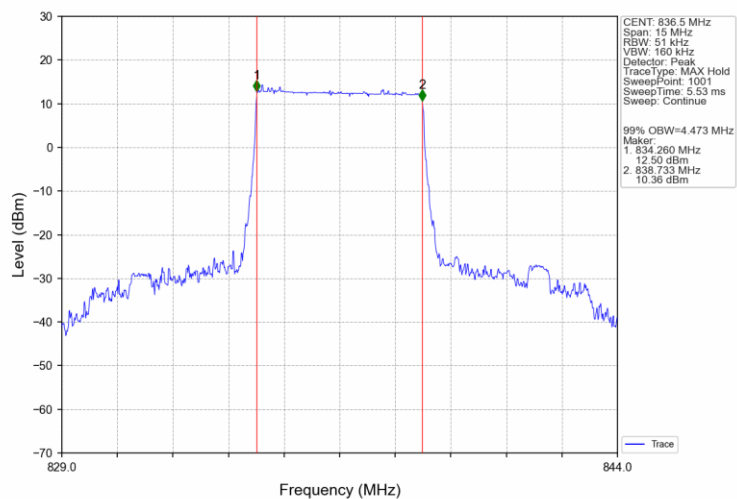
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



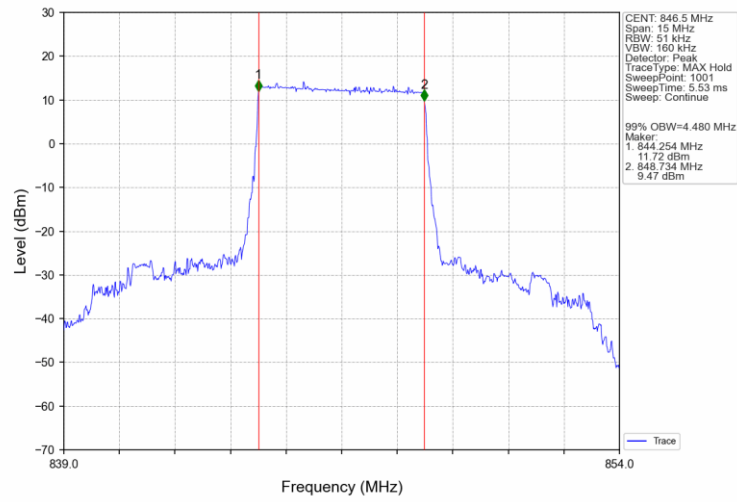
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



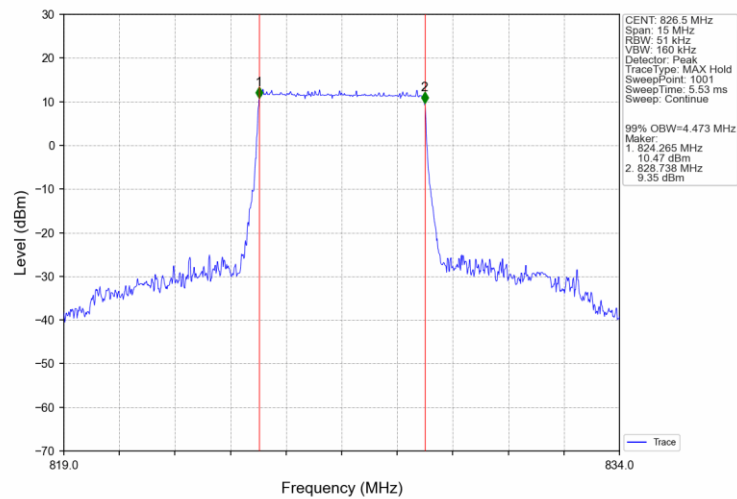
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



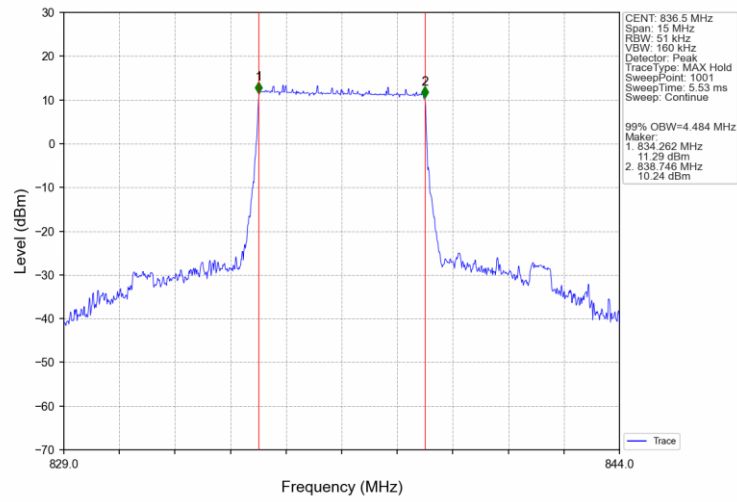
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



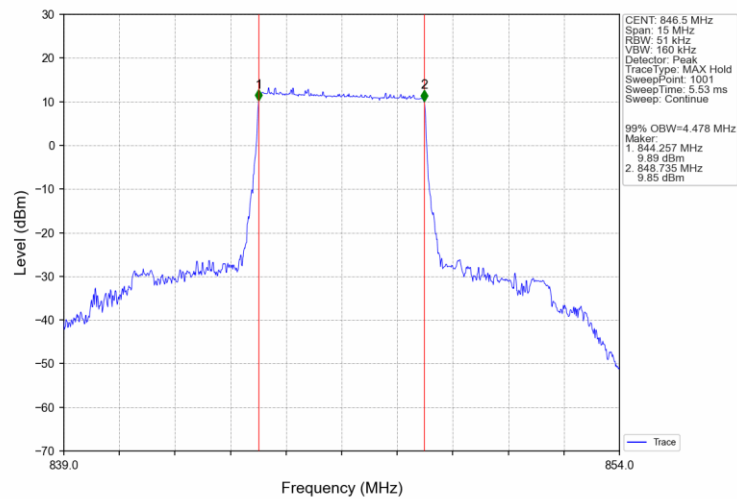
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



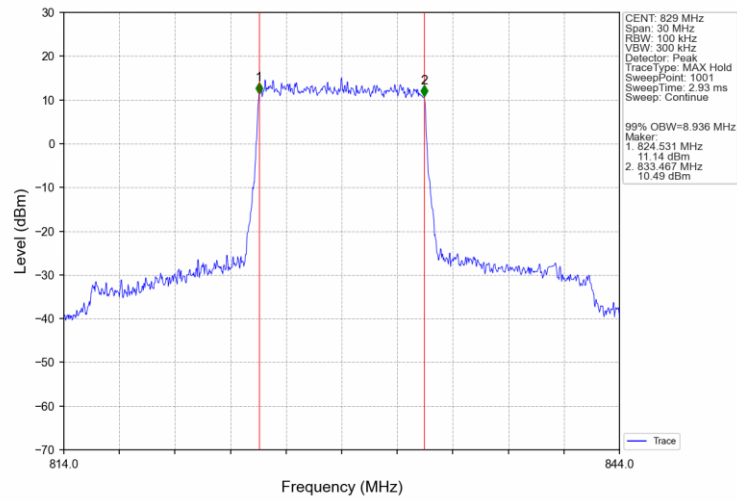
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



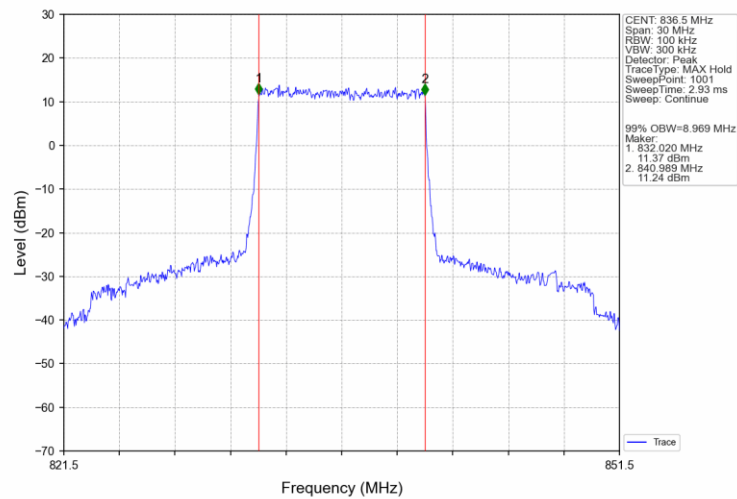
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



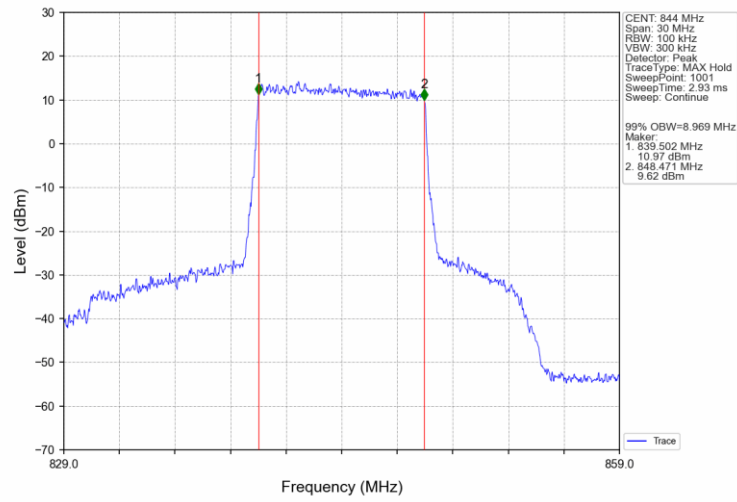
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



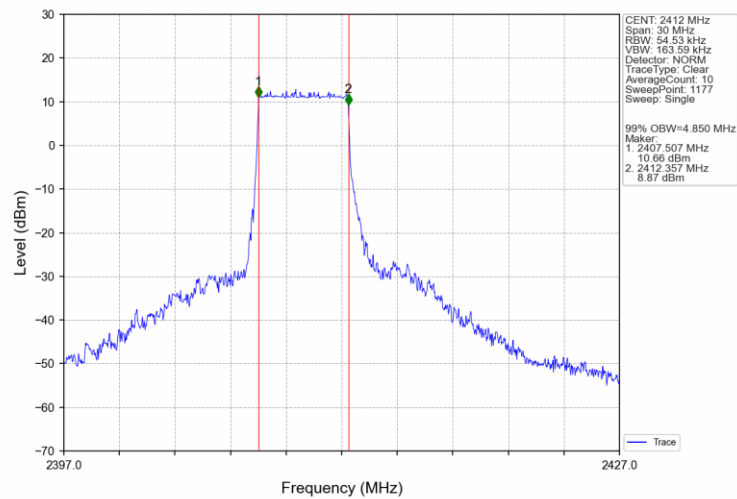
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



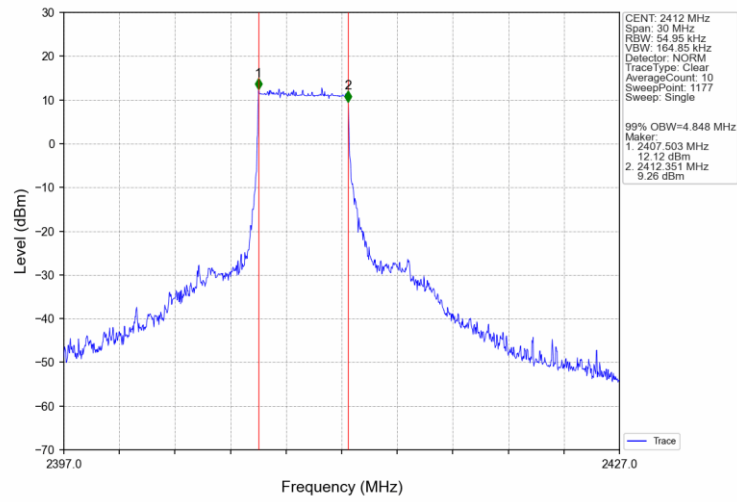
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



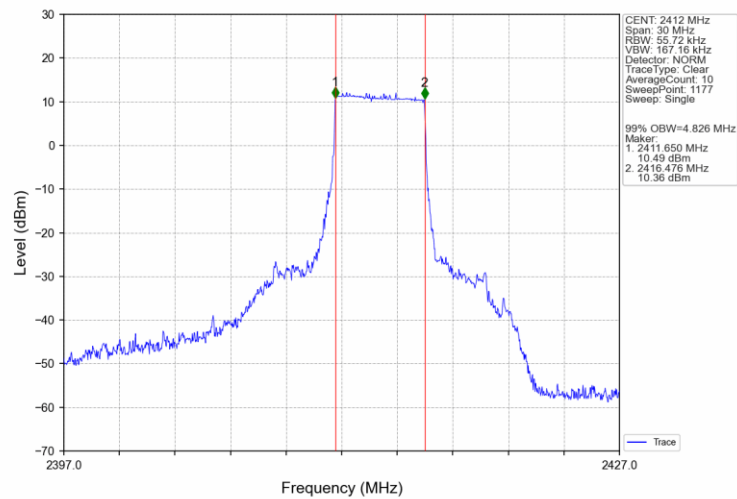
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

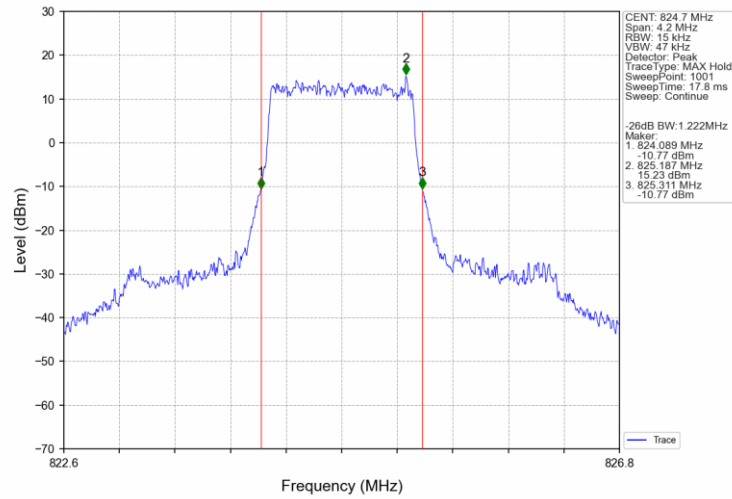


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

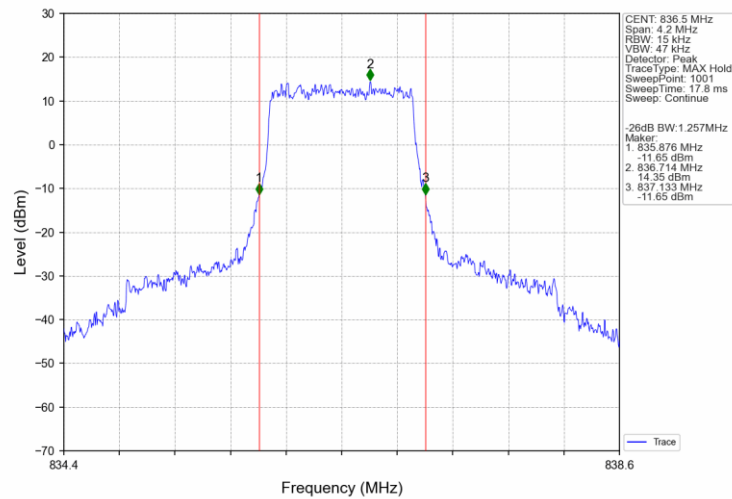


4.2.2 Band5_XDB

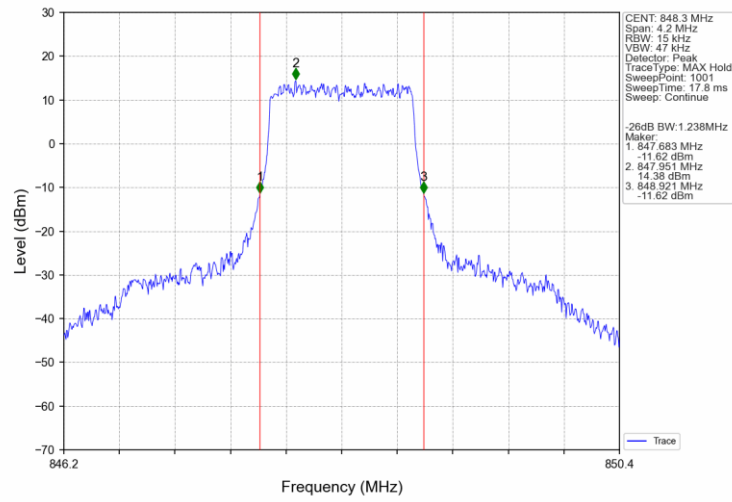
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



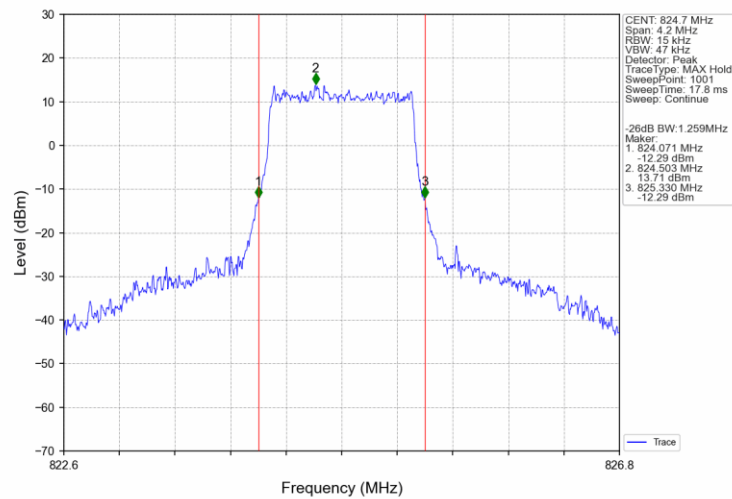
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



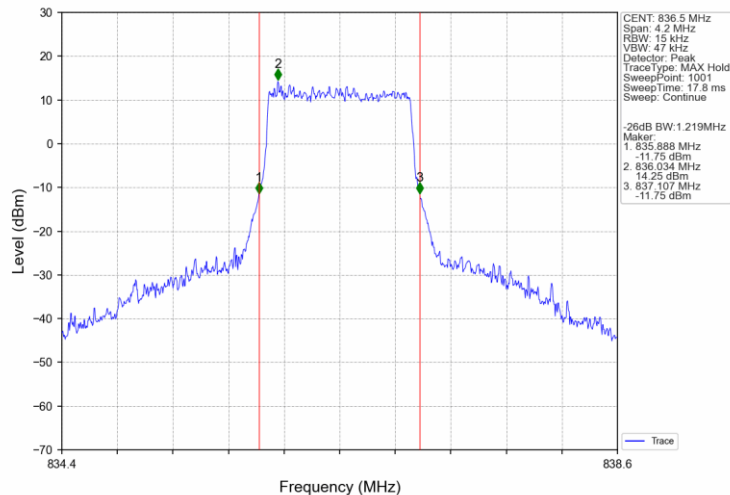
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



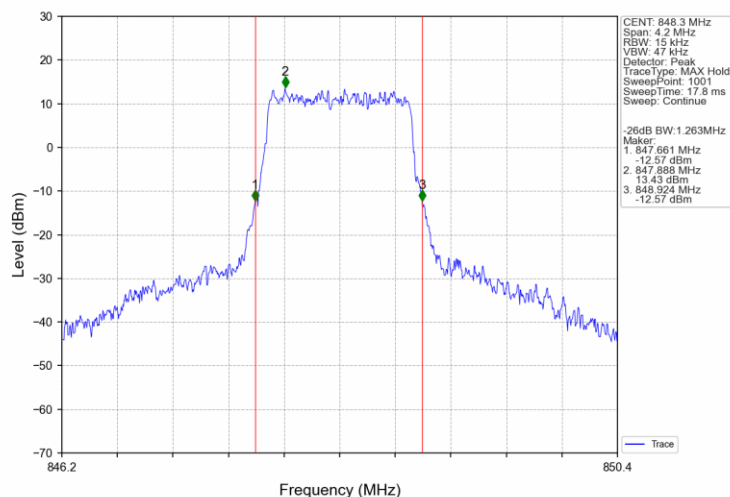
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



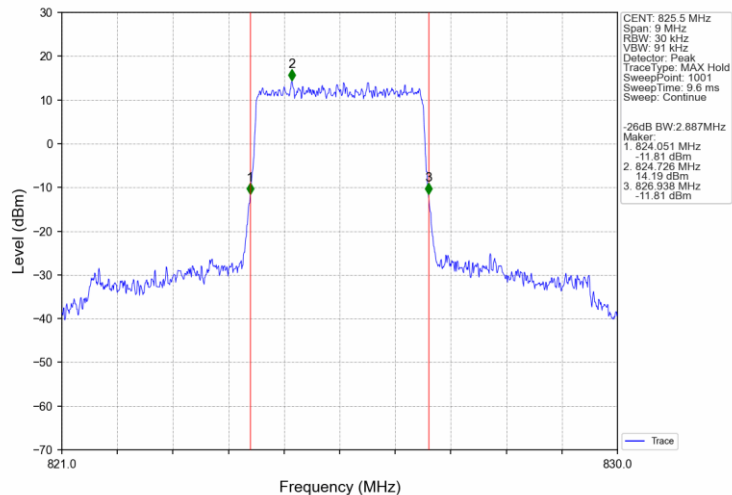
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



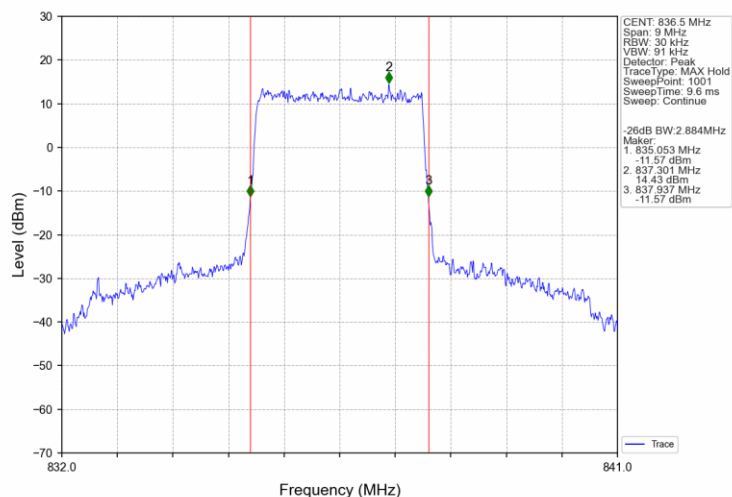
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



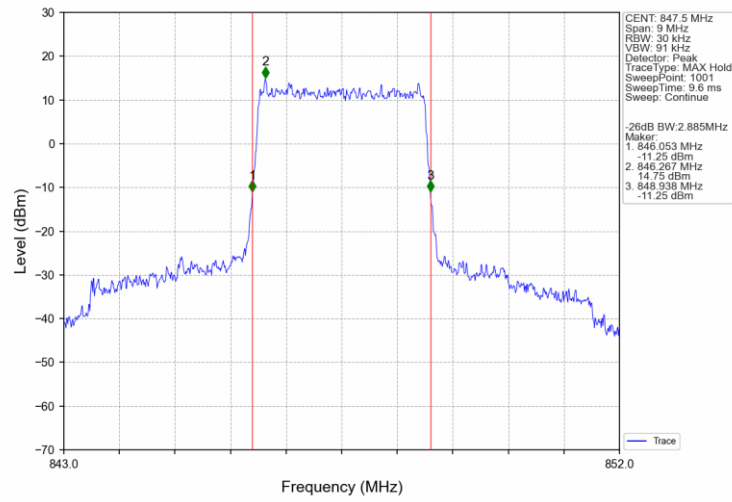
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



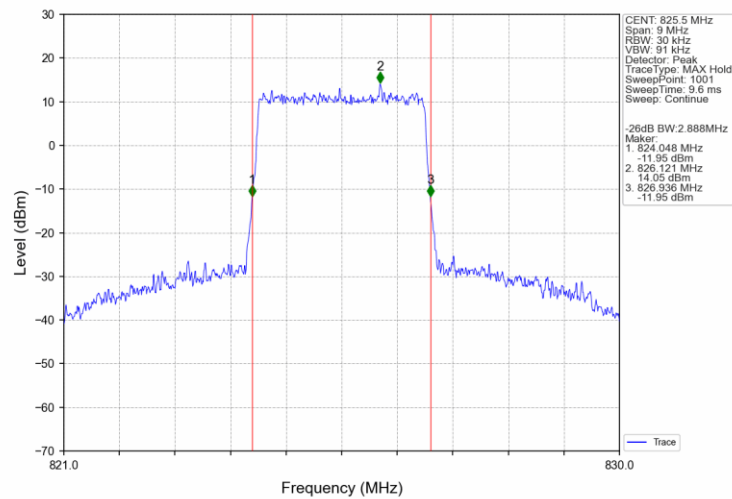
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



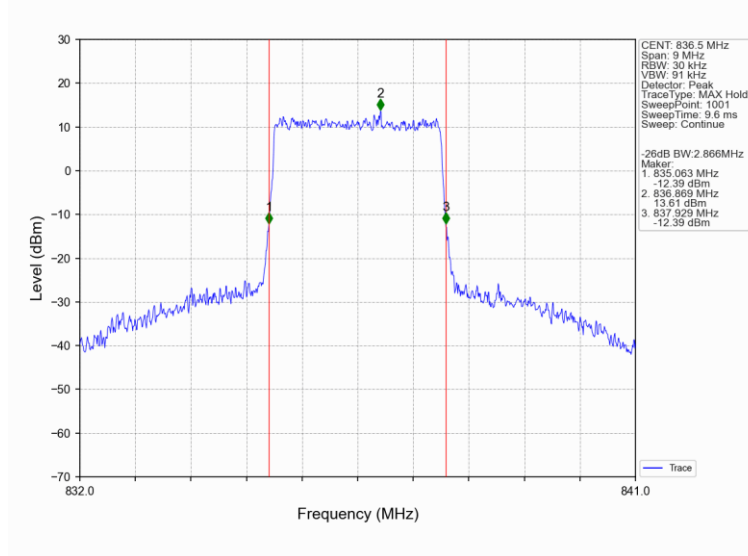
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



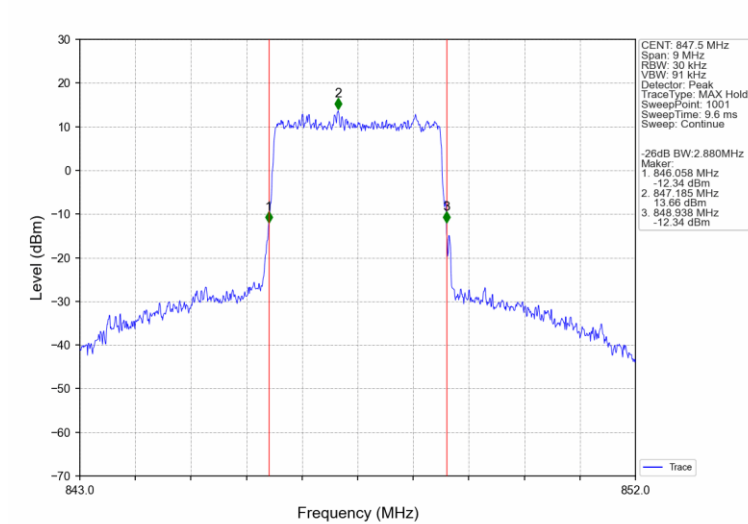
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



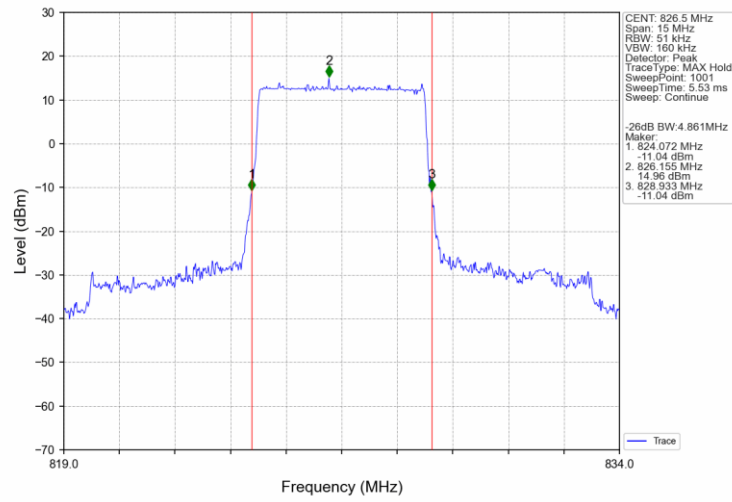
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



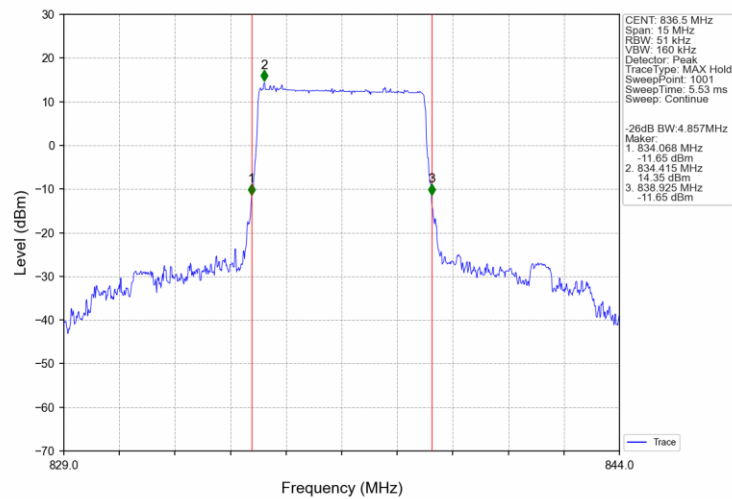
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



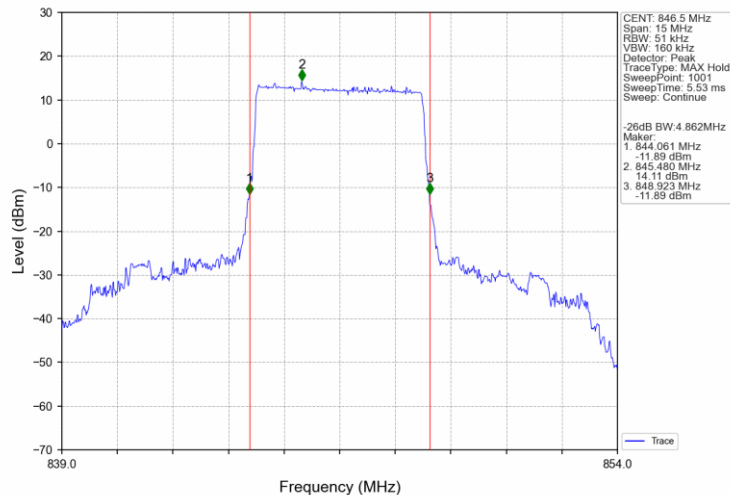
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



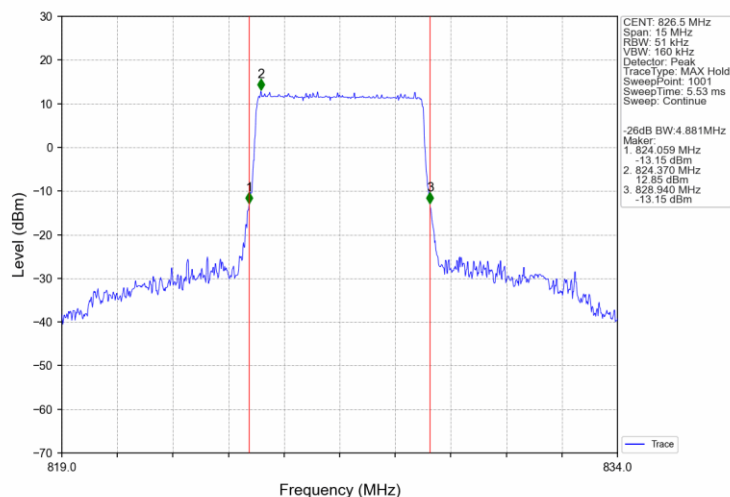
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



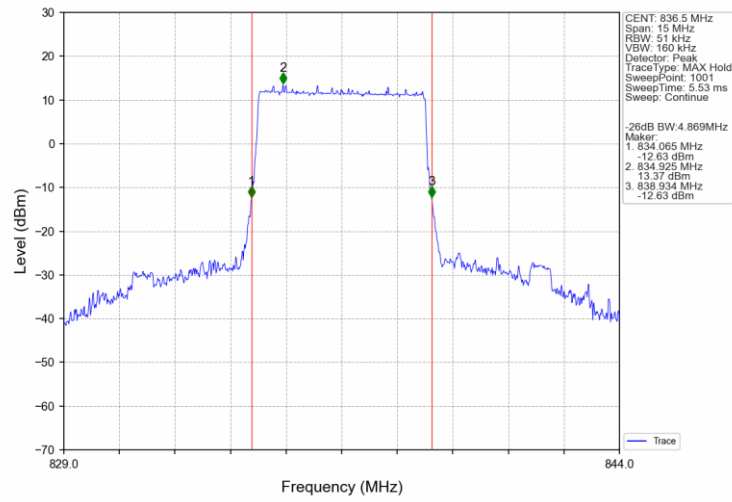
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



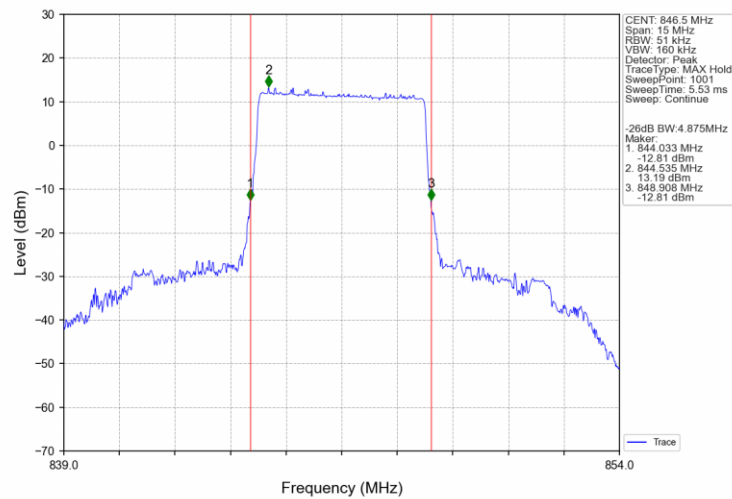
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



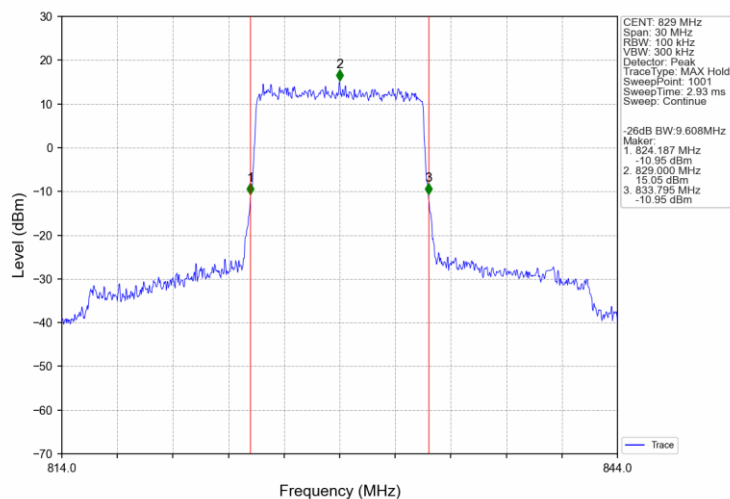
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



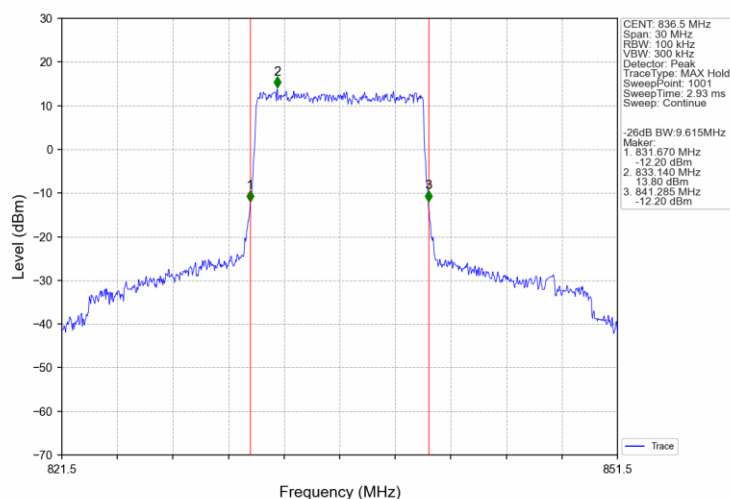
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



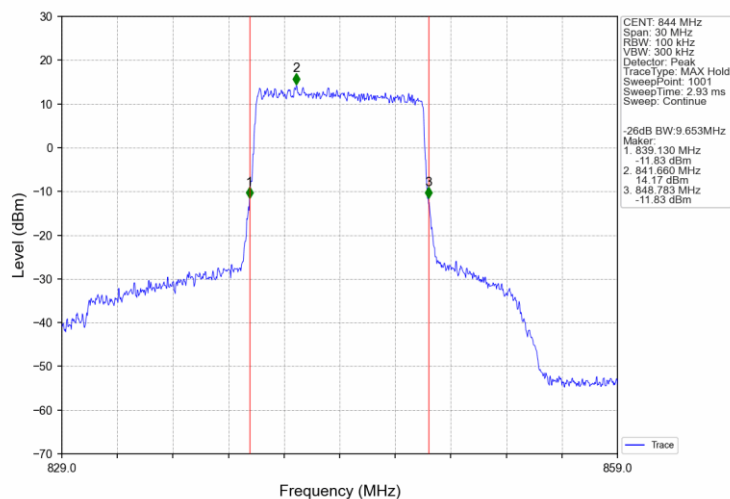
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



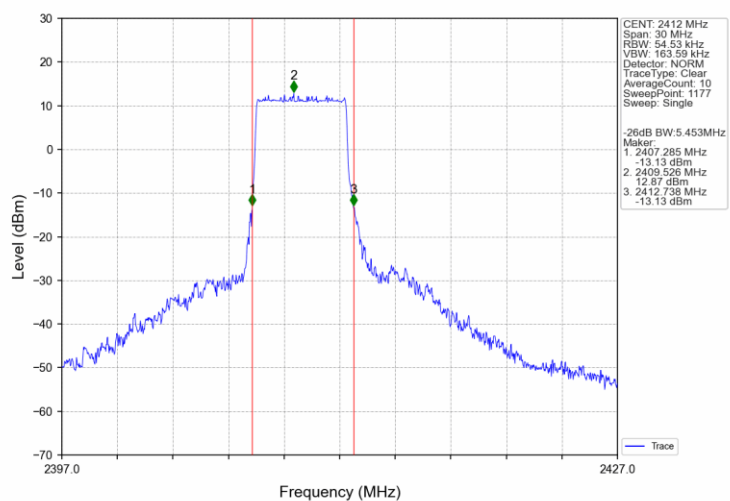
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



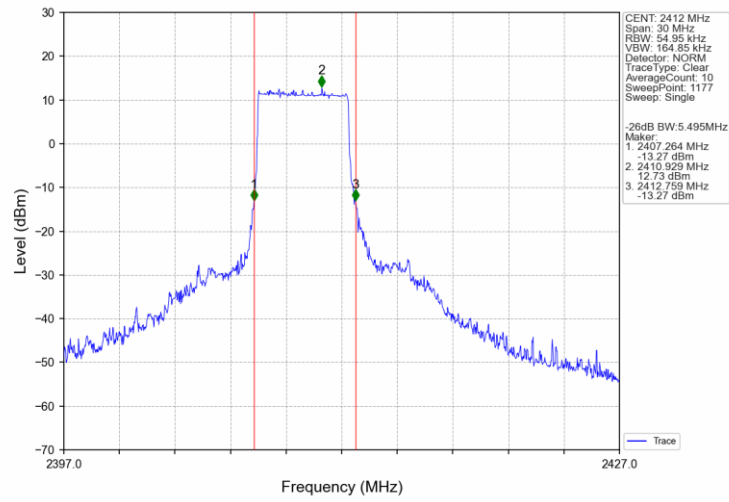
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



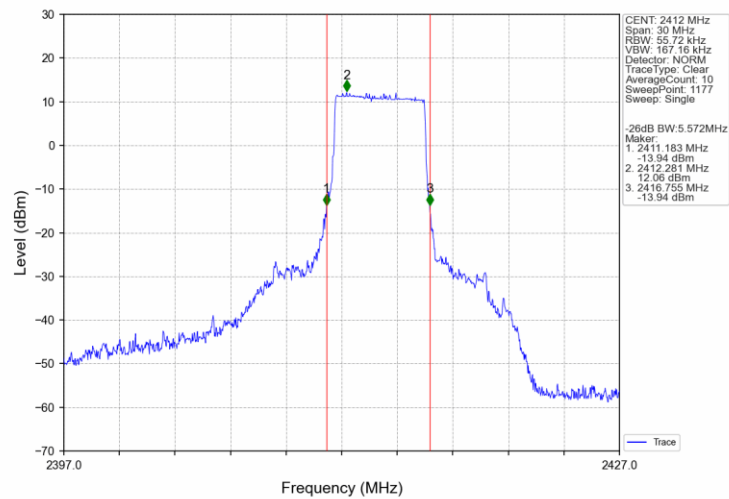
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_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	5.11	<=13	Pass
	836.5	6	0	5.33	<=13	Pass
	848.3	6	0	5.20	<=13	Pass
16QAM	824.7	6	0	5.92	<=13	Pass
	836.5	6	0	6.21	<=13	Pass
	848.3	6	0	5.94	<=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	5.24	<=13	Pass
	836.5	15	0	5.45	<=13	Pass
	847.5	15	0	5.40	<=13	Pass
16QAM	825.5	15	0	6.05	<=13	Pass
	836.5	15	0	6.32	<=13	Pass
	847.5	15	0	6.21	<=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	5.36	<=13	Pass
	836.5	25	0	5.60	<=13	Pass
	846.5	25	0	5.55	<=13	Pass
16QAM	826.5	25	0	6.10	<=13	Pass
	836.5	25	0	6.31	<=13	Pass
	846.5	25	0	6.23	<=13	Pass

5.1.4 B5_10MHz

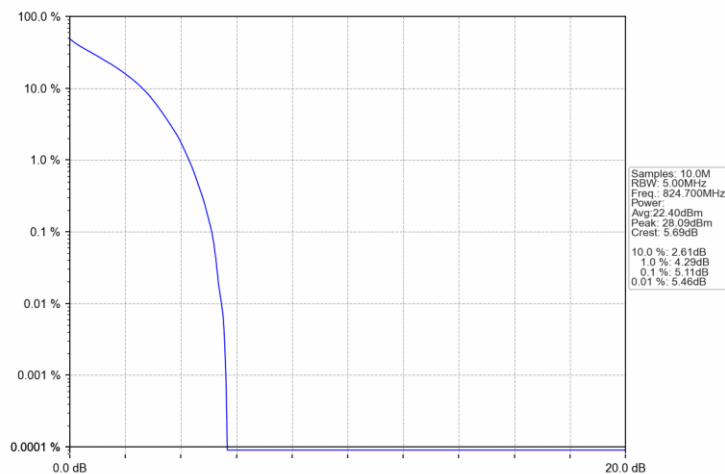
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.33	<=13	Pass
	836.5	50	0	5.53	<=13	Pass

	844	50	0	5.51	≤ 13	Pass
16QAM	829	27	0	5.99	≤ 13	Pass
	836.5	27	0	6.25	≤ 13	Pass
	844	27	23	6.19	≤ 13	Pass

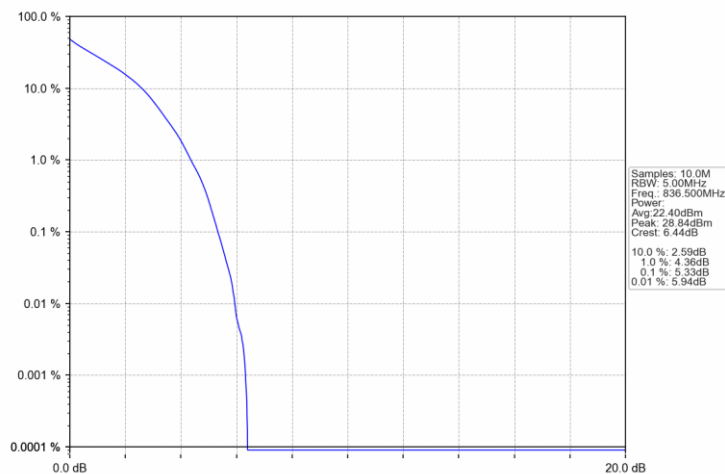
5.2 Test Graph

5.2.1 B5_1.4MHz

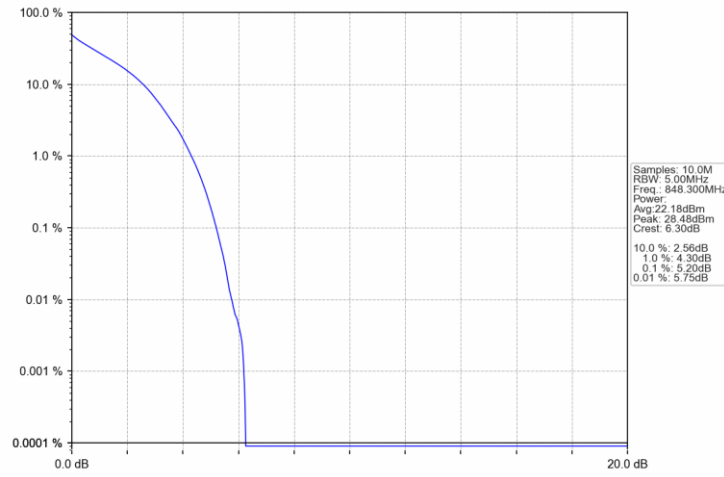
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



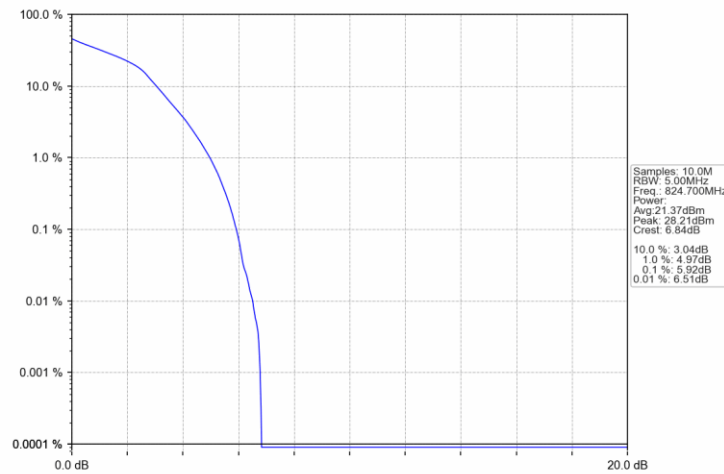
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



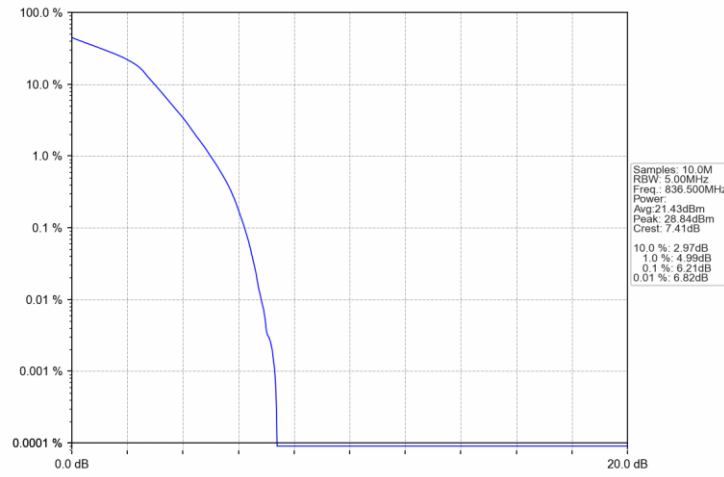
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



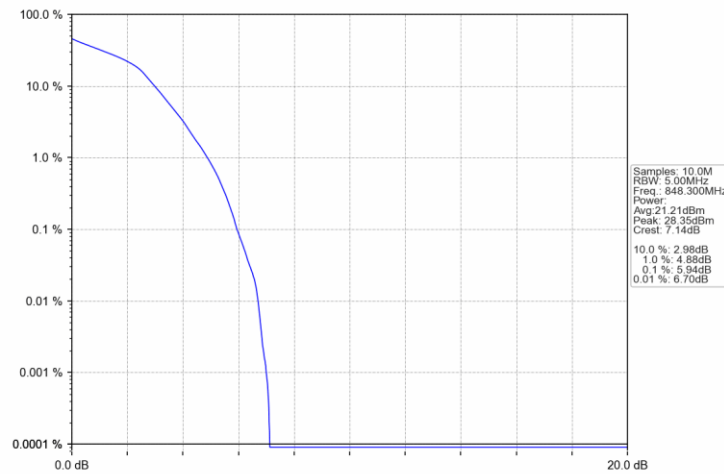
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

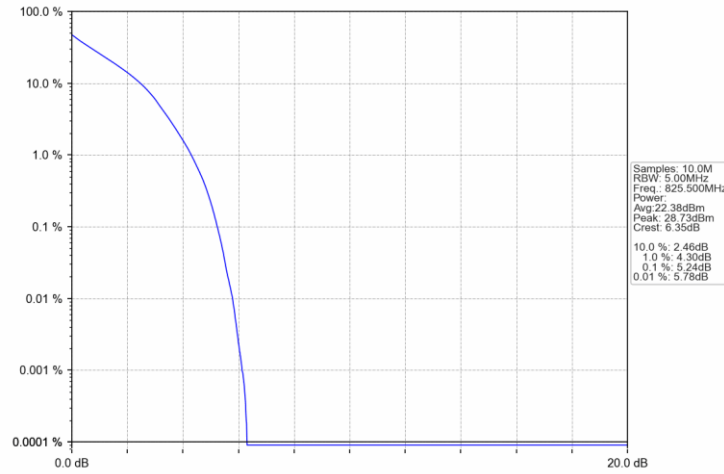


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

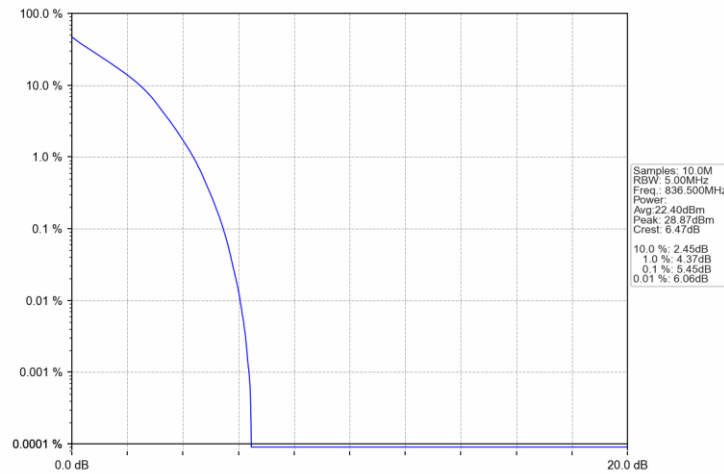


5.2.2 B5_3MHz

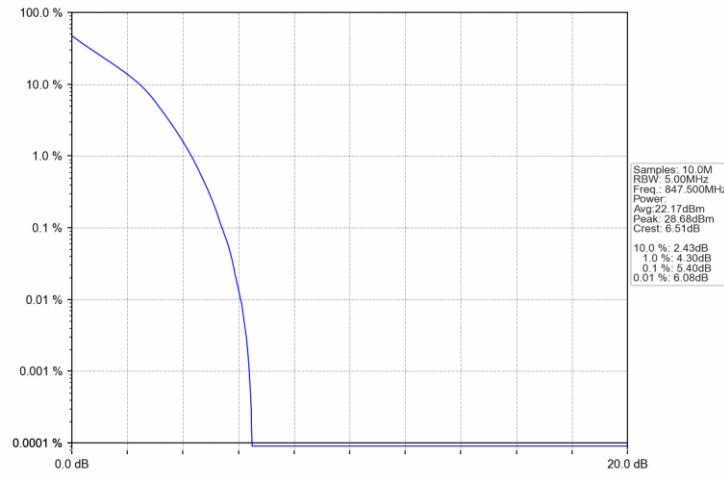
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



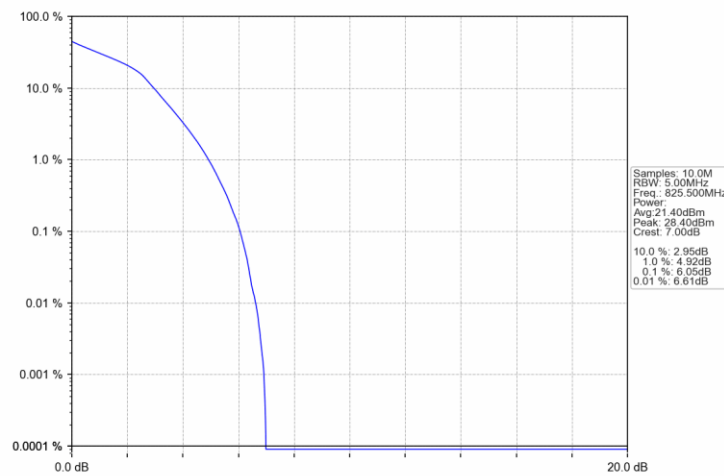
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



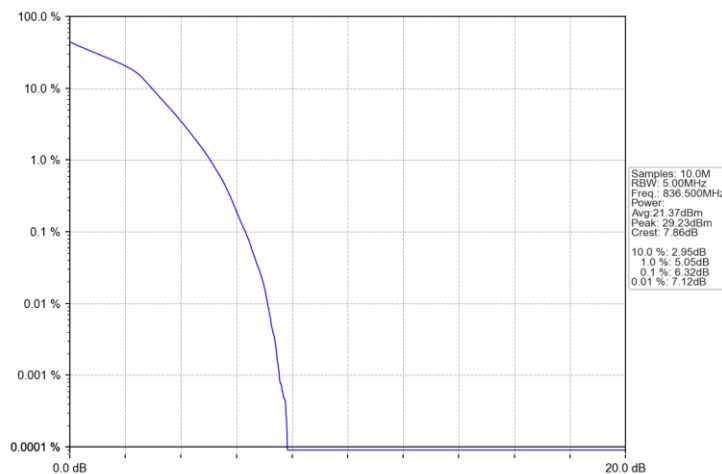
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



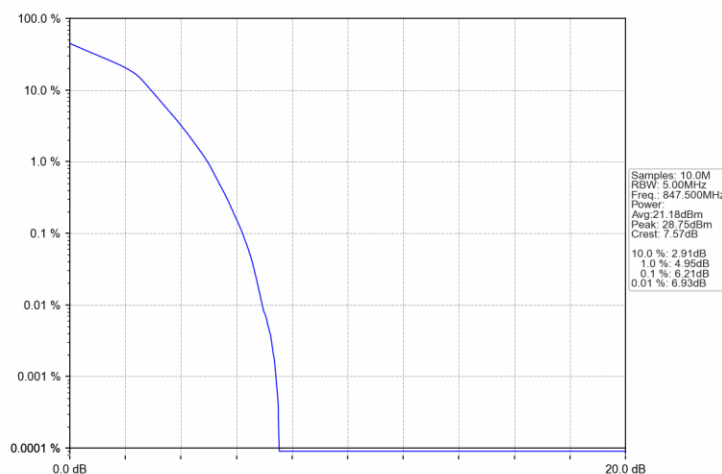
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

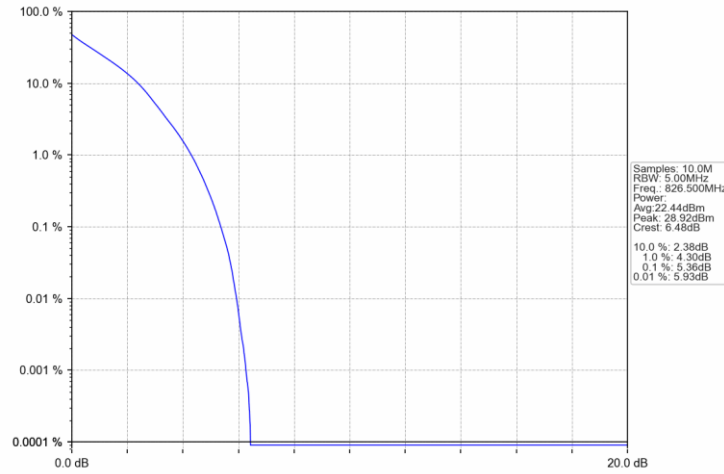


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

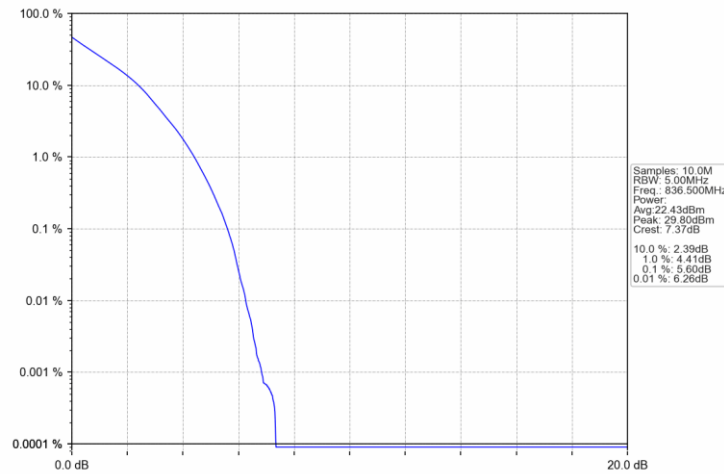


5.2.3 B5_5MHz

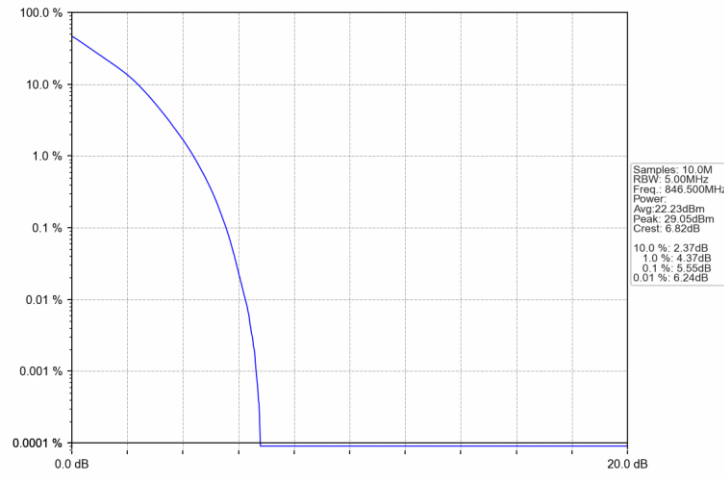
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



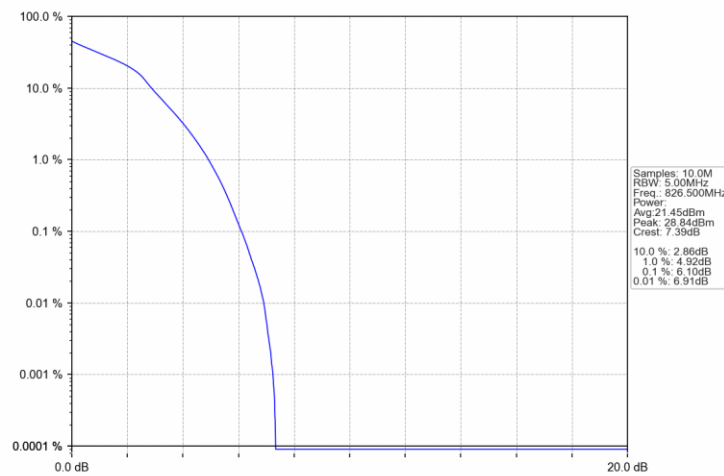
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



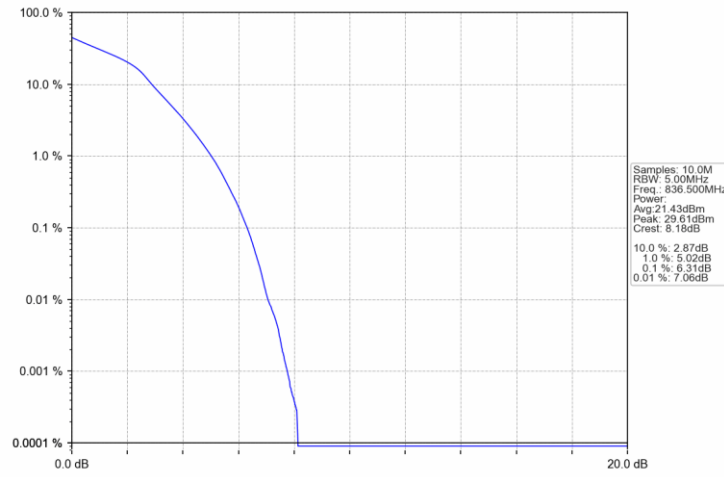
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



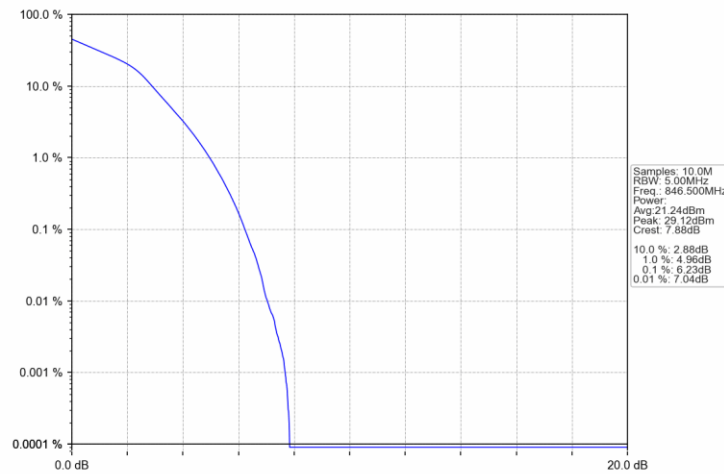
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

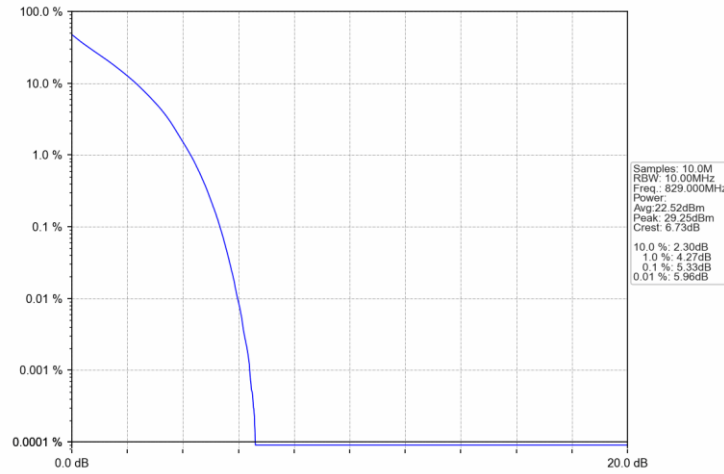


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

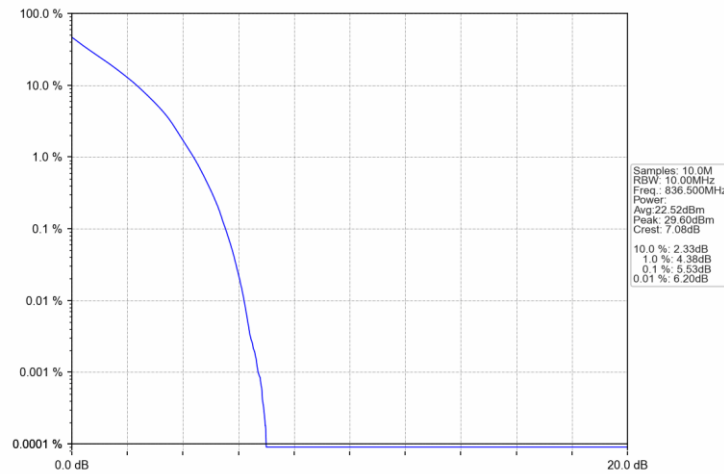


5.2.4 B5_10MHz

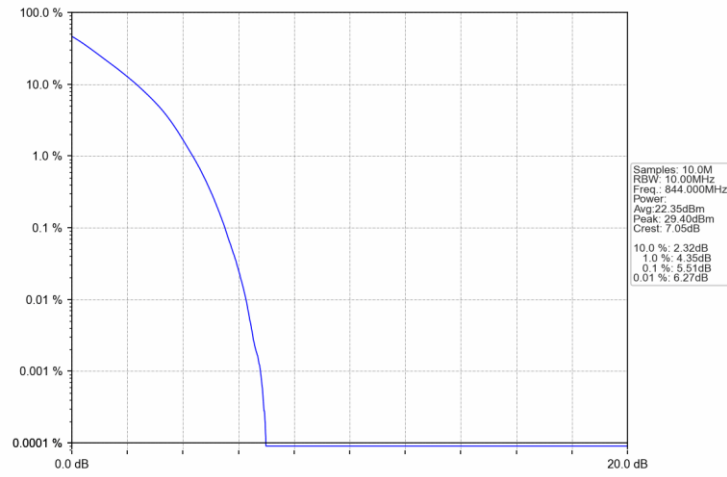
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



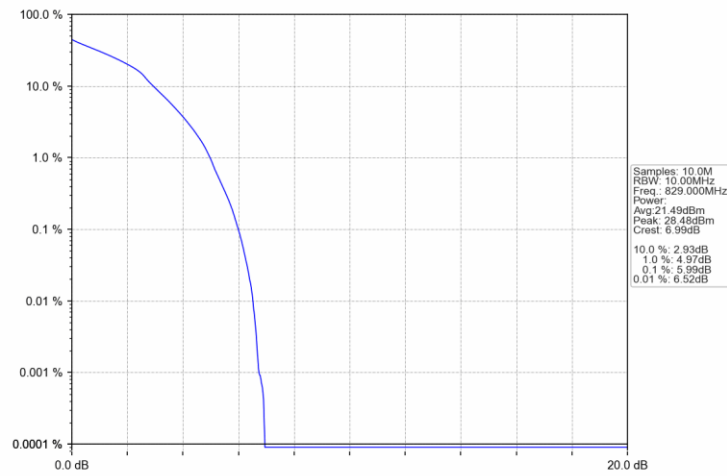
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



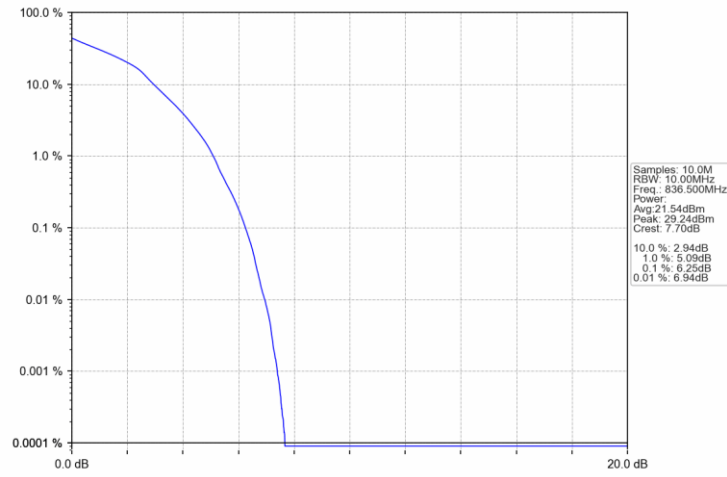
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



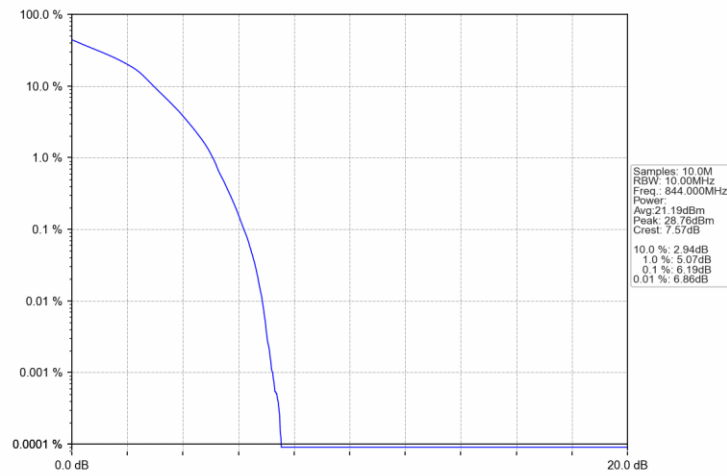
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_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

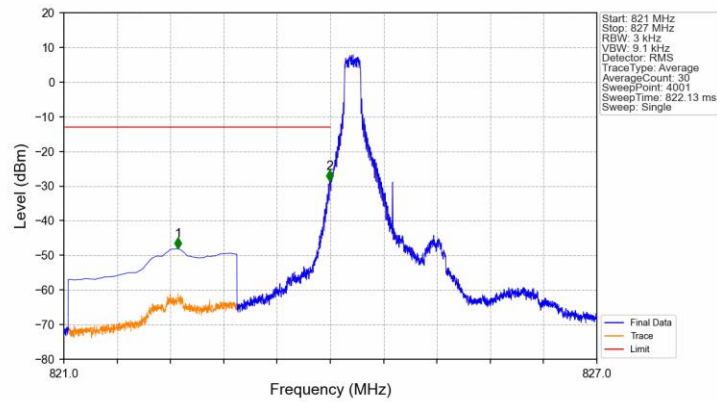
6.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTVN						
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
		27	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
		27	23	Refer To Test Graph		Pass

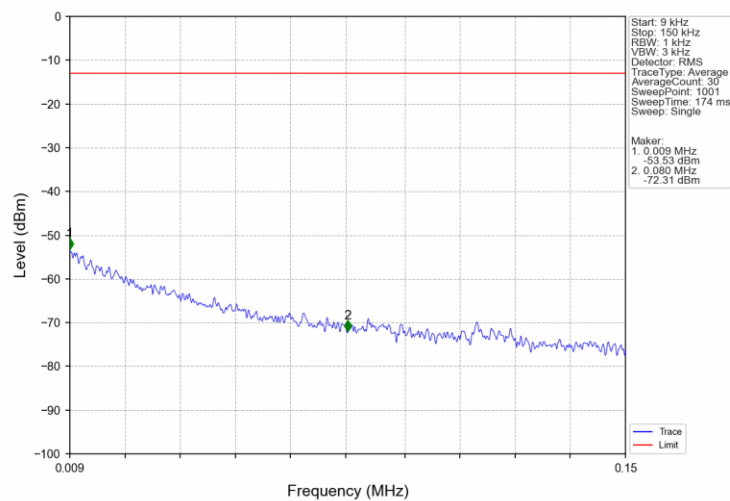
6.2 Test Graph

6.2.1 B5_1.4MHz

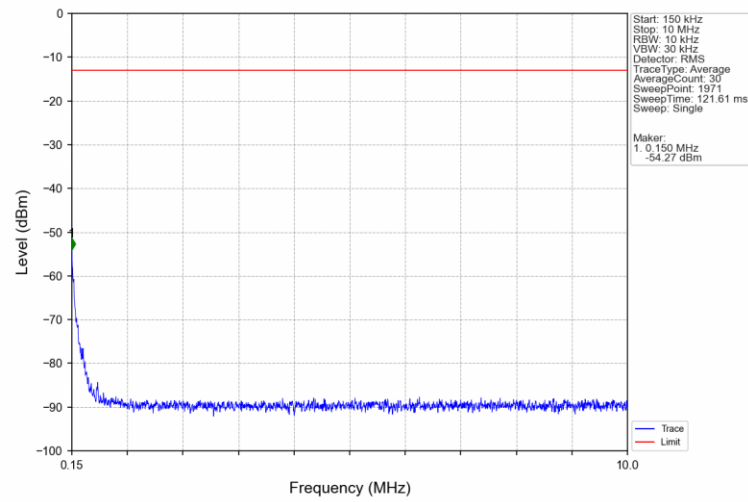
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



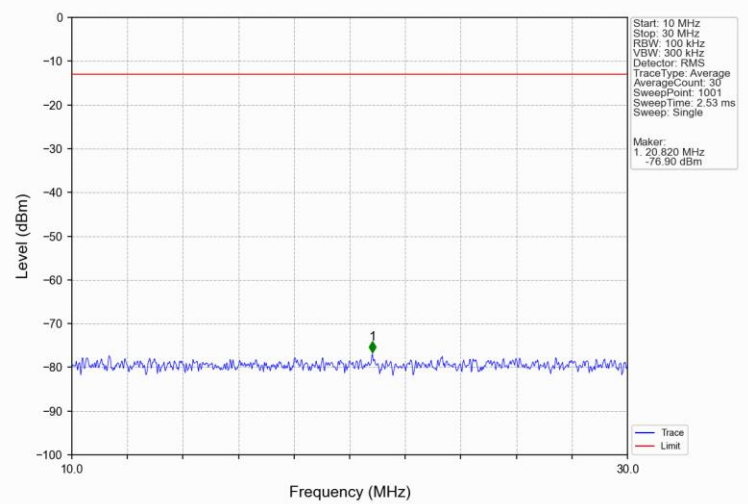
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



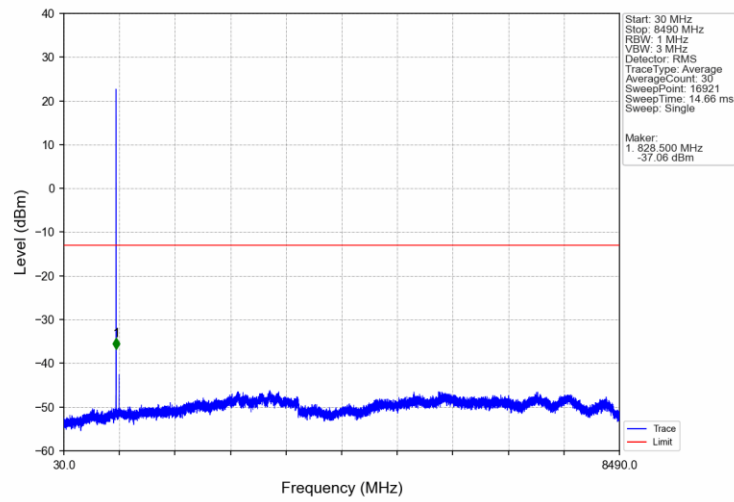
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



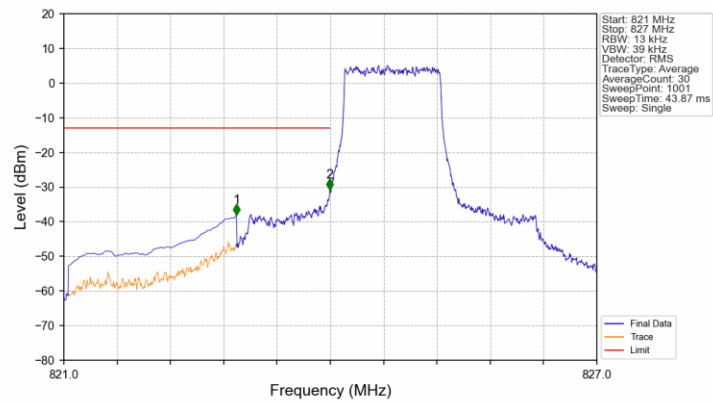
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



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
821	823	0.1	CHP	1	822.944	-38.02	-13	Pass
823	824	0.013	/	2	823.994	-30.80	-13	Pass
824	827	0.013	/	/	/	/	/	/