

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	23.86	1.90	23.61	<=38.45	Pass
			2	23.82	1.90	23.57	<=38.45	Pass
			5	23.82	1.90	23.57	<=38.45	Pass
		3	0	23.93	1.90	23.68	<=38.45	Pass
			2	23.94	1.90	23.69	<=38.45	Pass
			3	23.95	1.90	23.70	<=38.45	Pass
		6	0	22.90	1.90	22.65	<=38.45	Pass
	836.5	1	0	23.99	1.90	23.74	<=38.45	Pass
			2	23.95	1.90	23.70	<=38.45	Pass
			5	23.94	1.90	23.69	<=38.45	Pass
		3	0	23.92	1.90	23.67	<=38.45	Pass
			2	23.89	1.90	23.64	<=38.45	Pass
			3	23.88	1.90	23.63	<=38.45	Pass
		6	0	22.98	1.90	22.73	<=38.45	Pass
	848.3	1	0	23.84	1.90	23.59	<=38.45	Pass
			2	23.85	1.90	23.60	<=38.45	Pass
			5	23.83	1.90	23.58	<=38.45	Pass
		3	0	23.90	1.90	23.65	<=38.45	Pass
			2	23.92	1.90	23.67	<=38.45	Pass
			3	23.90	1.90	23.65	<=38.45	Pass
		6	0	22.91	1.90	22.66	<=38.45	Pass
16QAM	824.7	1	0	23.06	1.90	22.81	<=38.45	Pass
			2	23.10	1.90	22.85	<=38.45	Pass
			5	23.07	1.90	22.82	<=38.45	Pass
		3	0	22.82	1.90	22.57	<=38.45	Pass
			2	22.84	1.90	22.59	<=38.45	Pass
			3	22.83	1.90	22.58	<=38.45	Pass
		6	0	21.77	1.90	21.52	<=38.45	Pass
	836.5	1	0	22.87	1.90	22.62	<=38.45	Pass
			2	22.89	1.90	22.64	<=38.45	Pass
			5	22.84	1.90	22.59	<=38.45	Pass
		3	0	22.89	1.90	22.64	<=38.45	Pass
			2	22.85	1.90	22.60	<=38.45	Pass
			3	22.82	1.90	22.57	<=38.45	Pass
		6	0	21.99	1.90	21.74	<=38.45	Pass
	848.3	1	0	22.96	1.90	22.71	<=38.45	Pass
			2	23.10	1.90	22.85	<=38.45	Pass
			5	23.01	1.90	22.76	<=38.45	Pass
		3	0	22.84	1.90	22.59	<=38.45	Pass
			2	22.85	1.90	22.60	<=38.45	Pass
			3	22.83	1.90	22.58	<=38.45	Pass

		6	0	21.98	1.90	21.73	<=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	23.85	1.90	23.60	<=38.45	Pass
			7	23.87	1.90	23.62	<=38.45	Pass
			14	23.86	1.90	23.61	<=38.45	Pass
		8	0	22.89	1.90	22.64	<=38.45	Pass
			4	22.85	1.90	22.60	<=38.45	Pass
			7	22.90	1.90	22.65	<=38.45	Pass
		15	0	22.87	1.90	22.62	<=38.45	Pass
	836.5	1	0	23.97	1.90	23.72	<=38.45	Pass
			7	24.00	1.90	23.75	<=38.45	Pass
			14	23.95	1.90	23.70	<=38.45	Pass
		8	0	22.96	1.90	22.71	<=38.45	Pass
			4	22.94	1.90	22.69	<=38.45	Pass
			7	22.97	1.90	22.72	<=38.45	Pass
		15	0	22.96	1.90	22.71	<=38.45	Pass
	847.5	1	0	23.94	1.90	23.69	<=38.45	Pass
			7	23.98	1.90	23.73	<=38.45	Pass
			14	23.94	1.90	23.69	<=38.45	Pass
		8	0	22.92	1.90	22.67	<=38.45	Pass
			4	22.89	1.90	22.64	<=38.45	Pass
			7	22.88	1.90	22.63	<=38.45	Pass
		15	0	22.91	1.90	22.66	<=38.45	Pass
16QAM	825.5	1	0	23.10	1.90	22.85	<=38.45	Pass
			7	23.06	1.90	22.81	<=38.45	Pass
			14	23.06	1.90	22.81	<=38.45	Pass
		8	0	21.91	1.90	21.66	<=38.45	Pass
			4	21.86	1.90	21.61	<=38.45	Pass
			7	21.93	1.90	21.68	<=38.45	Pass
		15	0	21.81	1.90	21.56	<=38.45	Pass
	836.5	1	0	22.85	1.90	22.60	<=38.45	Pass
			7	22.90	1.90	22.65	<=38.45	Pass
			14	22.89	1.90	22.64	<=38.45	Pass
		8	0	21.98	1.90	21.73	<=38.45	Pass
			4	22.02	1.90	21.77	<=38.45	Pass
			7	22.01	1.90	21.76	<=38.45	Pass
		15	0	21.90	1.90	21.65	<=38.45	Pass
	847.5	1	0	23.11	1.90	22.86	<=38.45	Pass
			7	23.05	1.90	22.80	<=38.45	Pass
			14	22.88	1.90	22.63	<=38.45	Pass
		8	0	22.00	1.90	21.75	<=38.45	Pass
			4	21.98	1.90	21.73	<=38.45	Pass
			7	21.96	1.90	21.71	<=38.45	Pass
		15	0	21.95	1.90	21.70	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	24.00	1.90	23.75	<=38.45	Pass
			13	24.00	1.90	23.75	<=38.45	Pass
			24	24.01	1.90	23.76	<=38.45	Pass
		12	0	22.88	1.90	22.63	<=38.45	Pass
			6	22.91	1.90	22.66	<=38.45	Pass
			13	22.86	1.90	22.61	<=38.45	Pass
		25	0	22.90	1.90	22.65	<=38.45	Pass
	836.5	1	0	24.07	1.90	23.82	<=38.45	Pass
			13	24.06	1.90	23.81	<=38.45	Pass
			24	24.11	1.90	23.86	<=38.45	Pass
		12	0	22.99	1.90	22.74	<=38.45	Pass
			6	22.99	1.90	22.74	<=38.45	Pass
			13	22.98	1.90	22.73	<=38.45	Pass
		25	0	22.99	1.90	22.74	<=38.45	Pass
	846.5	1	0	24.06	1.90	23.81	<=38.45	Pass
			13	23.98	1.90	23.73	<=38.45	Pass
			24	24.07	1.90	23.82	<=38.45	Pass
		12	0	22.99	1.90	22.74	<=38.45	Pass
			6	22.90	1.90	22.65	<=38.45	Pass
			13	22.89	1.90	22.64	<=38.45	Pass
		25	0	22.95	1.90	22.70	<=38.45	Pass
16QAM	826.5	1	0	23.09	1.90	22.84	<=38.45	Pass
			13	23.08	1.90	22.83	<=38.45	Pass
			24	23.15	1.90	22.90	<=38.45	Pass
		12	0	21.95	1.90	21.70	<=38.45	Pass
			6	21.93	1.90	21.68	<=38.45	Pass
			13	21.87	1.90	21.62	<=38.45	Pass
		25	0	21.88	1.90	21.63	<=38.45	Pass
	836.5	1	0	23.17	1.90	22.92	<=38.45	Pass
			13	23.14	1.90	22.89	<=38.45	Pass
			24	23.16	1.90	22.91	<=38.45	Pass
		12	0	22.05	1.90	21.80	<=38.45	Pass
			6	22.01	1.90	21.76	<=38.45	Pass
			13	21.98	1.90	21.73	<=38.45	Pass
		25	0	22.03	1.90	21.78	<=38.45	Pass
	846.5	1	0	22.98	1.90	22.73	<=38.45	Pass
			13	22.90	1.90	22.65	<=38.45	Pass
			24	22.81	1.90	22.56	<=38.45	Pass
		12	0	21.97	1.90	21.72	<=38.45	Pass
			6	21.93	1.90	21.68	<=38.45	Pass
			13	21.88	1.90	21.63	<=38.45	Pass
		25	0	21.98	1.90	21.73	<=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	23.82	1.90	23.57	<=38.45	Pass
			25	23.92	1.90	23.67	<=38.45	Pass
			49	23.92	1.90	23.67	<=38.45	Pass
		25	0	22.90	1.90	22.65	<=38.45	Pass
			13	22.98	1.90	22.73	<=38.45	Pass
			25	22.95	1.90	22.70	<=38.45	Pass
		50	0	22.98	1.90	22.73	<=38.45	Pass
	836.5	1	0	23.99	1.90	23.74	<=38.45	Pass
			25	24.04	1.90	23.79	<=38.45	Pass
			49	23.97	1.90	23.72	<=38.45	Pass
		25	0	22.99	1.90	22.74	<=38.45	Pass
			13	23.01	1.90	22.76	<=38.45	Pass
			25	22.98	1.90	22.73	<=38.45	Pass
		50	0	23.03	1.90	22.78	<=38.45	Pass
	844	1	0	23.99	1.90	23.74	<=38.45	Pass
			25	23.96	1.90	23.71	<=38.45	Pass
			49	23.92	1.90	23.67	<=38.45	Pass
		25	0	23.02	1.90	22.77	<=38.45	Pass
			13	22.94	1.90	22.69	<=38.45	Pass
			25	22.90	1.90	22.65	<=38.45	Pass
		50	0	22.99	1.90	22.74	<=38.45	Pass
16QAM	829	1	0	23.04	1.90	22.79	<=38.45	Pass
			25	23.14	1.90	22.89	<=38.45	Pass
			49	23.15	1.90	22.90	<=38.45	Pass
		12	0	22.91	1.90	22.66	<=38.45	Pass
			19	22.99	1.90	22.74	<=38.45	Pass
			38	22.99	1.90	22.74	<=38.45	Pass
		27	0	21.98	1.90	21.73	<=38.45	Pass
	836.5	1	0	22.85	1.90	22.60	<=38.45	Pass
			25	22.90	1.90	22.65	<=38.45	Pass
			49	22.85	1.90	22.60	<=38.45	Pass
		12	0	22.99	1.90	22.74	<=38.45	Pass
			19	22.98	1.90	22.73	<=38.45	Pass
			38	22.96	1.90	22.71	<=38.45	Pass
		27	0	21.97	1.90	21.72	<=38.45	Pass
	844	1	0	23.09	1.90	22.84	<=38.45	Pass
			25	23.09	1.90	22.84	<=38.45	Pass
			49	22.95	1.90	22.70	<=38.45	Pass
		12	0	23.00	1.90	22.75	<=38.45	Pass
			19	22.97	1.90	22.72	<=38.45	Pass
			38	22.95	1.90	22.70	<=38.45	Pass
		27	23	21.86	1.90	21.61	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-3.462	-0.0042	-2.5 to 2.5	Pass
					3.85	-2.103	-0.0026	-2.5 to 2.5	Pass
					4.43	-6.952	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	1.831	0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.173	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				50	3.85	3.562	0.0043	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-0.172	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.289	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-4.349	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0023	-2.5 to 2.5	Pass
				-10	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-4.292	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0051	-2.5 to 2.5	Pass
				40	3.85	6.008	0.0072	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	2.103	0.0025	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
					4.43	-0.329	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-4.320	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	0.858	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.216	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.817	0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.905	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-1.788	-0.0021	-2.5 to 2.5	Pass
				40	3.85	2.847	0.0034	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-4.420	-0.0054	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0044	-2.5 to 2.5	Pass
					4.43	3.347	0.0041	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0086	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0033	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass

				30	3.85	-3.247	-0.0039	-2.5 to 2.5	Pass
				40	3.85	0.858	0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	4.334	0.0052	-2.5 to 2.5	Pass
					3.85	-1.903	-0.0023	-2.5 to 2.5	Pass
					4.43	3.204	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.735	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.330	0.0016	-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	-0.973	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.433	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.031	0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.277	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-7.167	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-5.565	-0.0066	-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	2.117	0.0026	-2.5 to 2.5	Pass
					3.85	-3.076	-0.0037	-2.5 to 2.5	Pass
					4.43	3.290	0.0040	-2.5 to 2.5	Pass
				-30	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-3.276	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0023	-2.5 to 2.5	Pass
				30	3.85	2.003	0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-5.035	-0.0061	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.944	-0.0011	-2.5 to 2.5	Pass
					3.85	4.091	0.0049	-2.5 to 2.5	Pass
					4.43	2.990	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	0.486	0.0006	-2.5 to 2.5	Pass
				-10	3.85	3.233	0.0039	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.847	-0.0034	-2.5 to 2.5	Pass

				30	3.85	3.805	0.0045	-2.5 to 2.5	Pass
				40	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	0.286	0.0003	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
					4.43	0.229	0.0003	-2.5 to 2.5	Pass
				-30	3.85	3.662	0.0043	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0031	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0034	-2.5 to 2.5	Pass
				40	3.85	1.259	0.0015	-2.5 to 2.5	Pass
				50	3.85	-2.403	-0.0028	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-0.644	-0.0008	-2.5 to 2.5	Pass
					3.85	1.245	0.0015	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	3.119	0.0038	-2.5 to 2.5	Pass
				-10	3.85	0.672	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.704	0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.518	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.063	-0.0049	-2.5 to 2.5	Pass
				40	3.85	0.429	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0021	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	2.275	0.0027	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0048	-2.5 to 2.5	Pass
					4.43	1.044	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.459	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	1.030	0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				10	3.85	5.178	0.0062	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0004	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.232	-0.0026	-2.5 to 2.5	Pass
					3.85	0.873	0.0010	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-4.849	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0021	-2.5 to 2.5	Pass
				10	3.85	2.546	0.0030	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.887	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.330	0.0016	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-0.672	-0.0008	-2.5 to 2.5	Pass
					3.85	3.247	0.0039	-2.5 to 2.5	Pass
					4.43	1.044	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	1.001	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0043	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				30	3.85	3.576	0.0043	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0016	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-1.087	-0.0013	-2.5 to 2.5	Pass
					3.85	3.777	0.0045	-2.5 to 2.5	Pass
					4.43	-1.688	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.232	0.0027	-2.5 to 2.5	Pass
				-20	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.687	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.559	0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.489	-0.0029	-2.5 to 2.5	Pass
					3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.003	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0050	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	1.230	0.0015	-2.5 to 2.5	Pass
					3.85	1.245	0.0015	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.217	0.0027	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	2.089	0.0025	-2.5 to 2.5	Pass
				0	3.85	0.901	0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.219	0.0039	-2.5 to 2.5	Pass
				40	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0002	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.744	-0.0009	-2.5 to 2.5	Pass
					3.85	1.945	0.0023	-2.5 to 2.5	Pass

					4.43	-1.674	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.373	0.0016	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0041	-2.5 to 2.5	Pass
				30	3.85	2.389	0.0029	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0030	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-4.020	-0.0047	-2.5 to 2.5	Pass
					3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0033	-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	0.501	0.0006	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	2.661	0.0032	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-1.545	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.433	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-1.960	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0056	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-3.591	-0.0043	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0021	-2.5 to 2.5	Pass

					4.43	-2.418	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.561	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-0.544	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.390	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.27	-1.988	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.947	-0.0036	-2.5 to 2.5	Pass
					4.43	-2.117	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.373	-0.0017	-2.5 to 2.5	Pass
				30	3.85	2.718	0.0033	-2.5 to 2.5	Pass
				40	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0034	-2.5 to 2.5	Pass
	836.5	27	0	20	3.27	-2.804	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.275	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-4.892	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-4.921	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.150	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-2.389	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.020	-0.0048	-2.5 to 2.5	Pass
	844	27	23	20	3.27	-2.160	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0043	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0008	-2.5 to 2.5	Pass
				0	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				30	3.85	1.917	0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0052	-2.5 to 2.5	Pass
				50	3.85	0.057	0.0001	-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 / 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

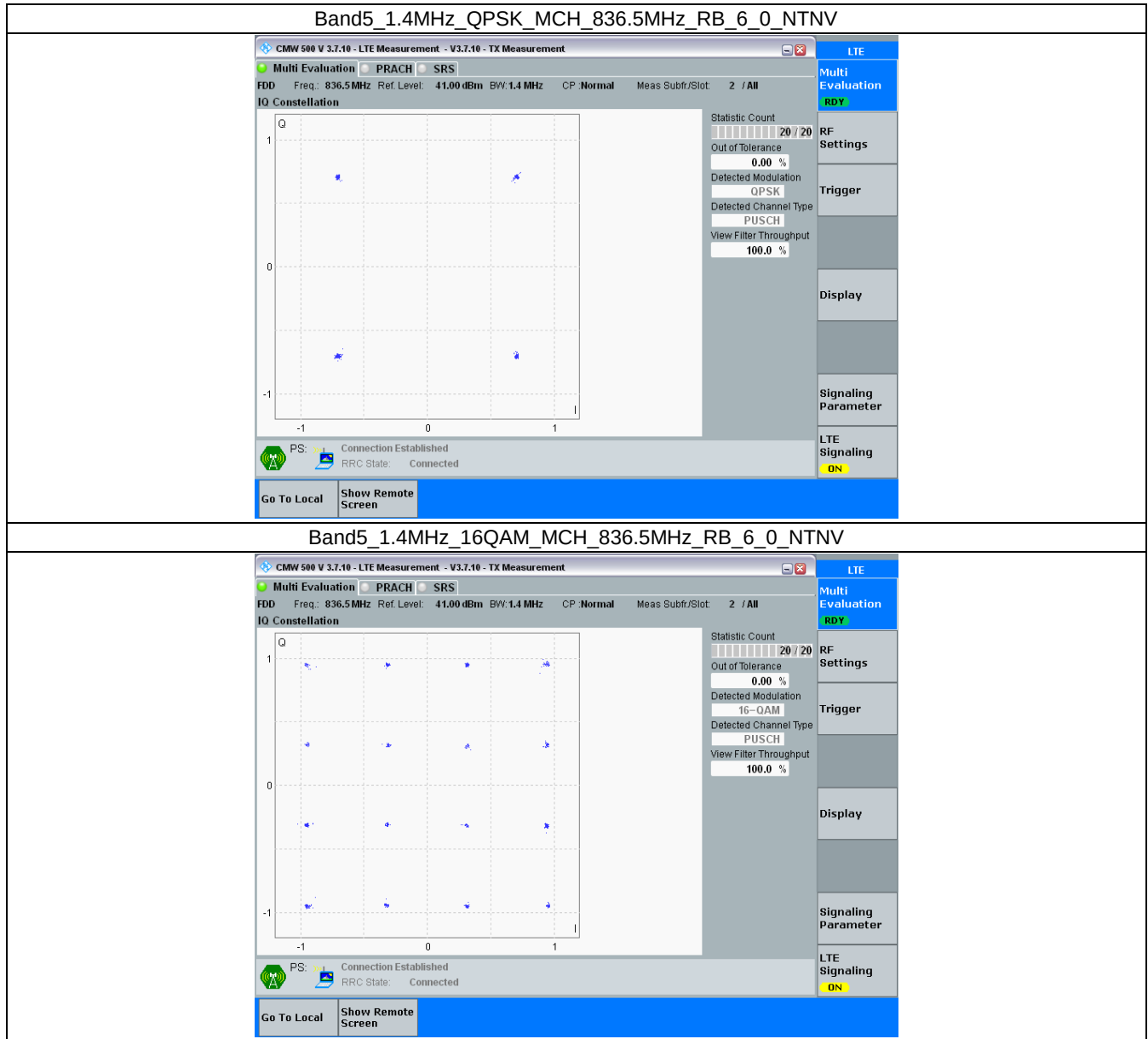
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

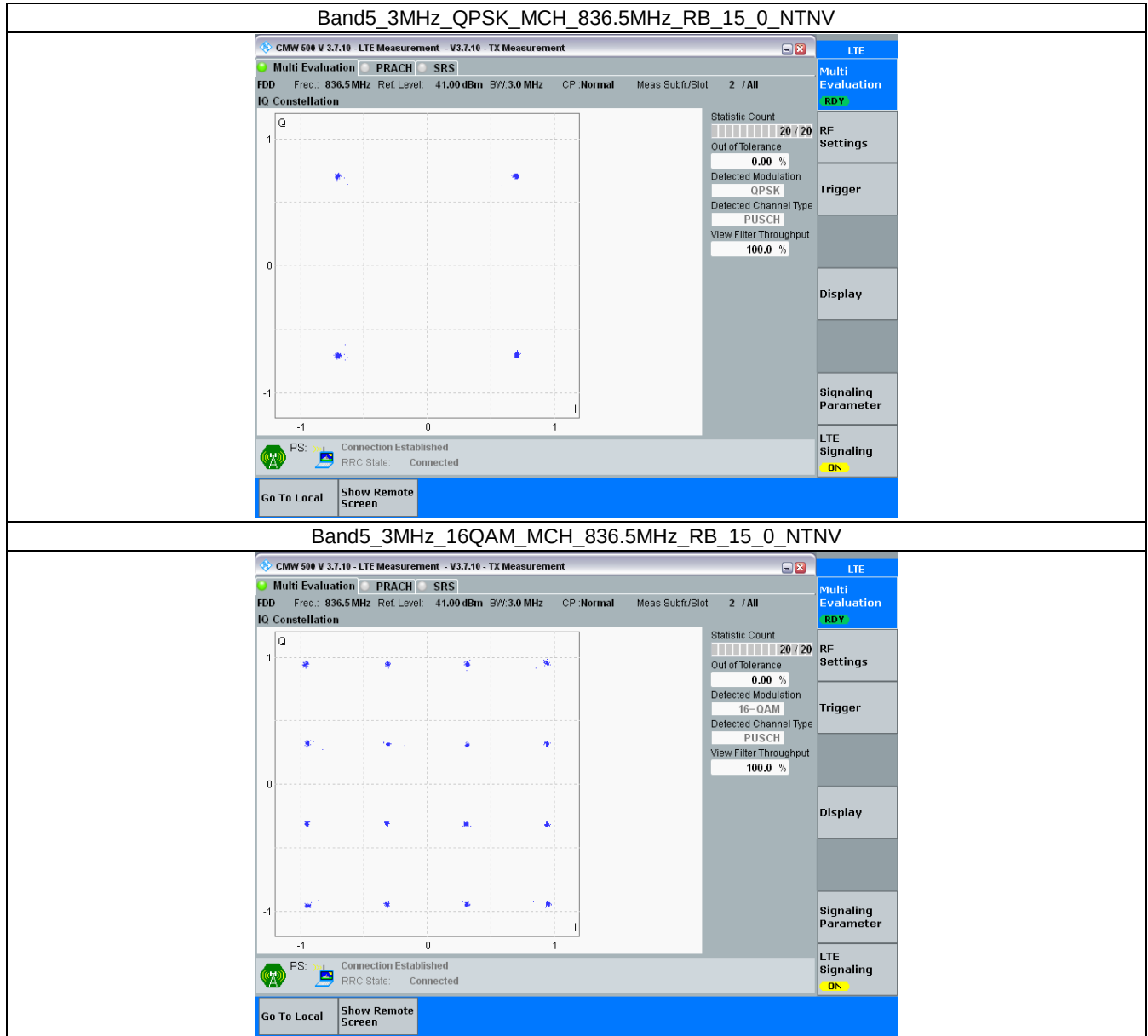
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

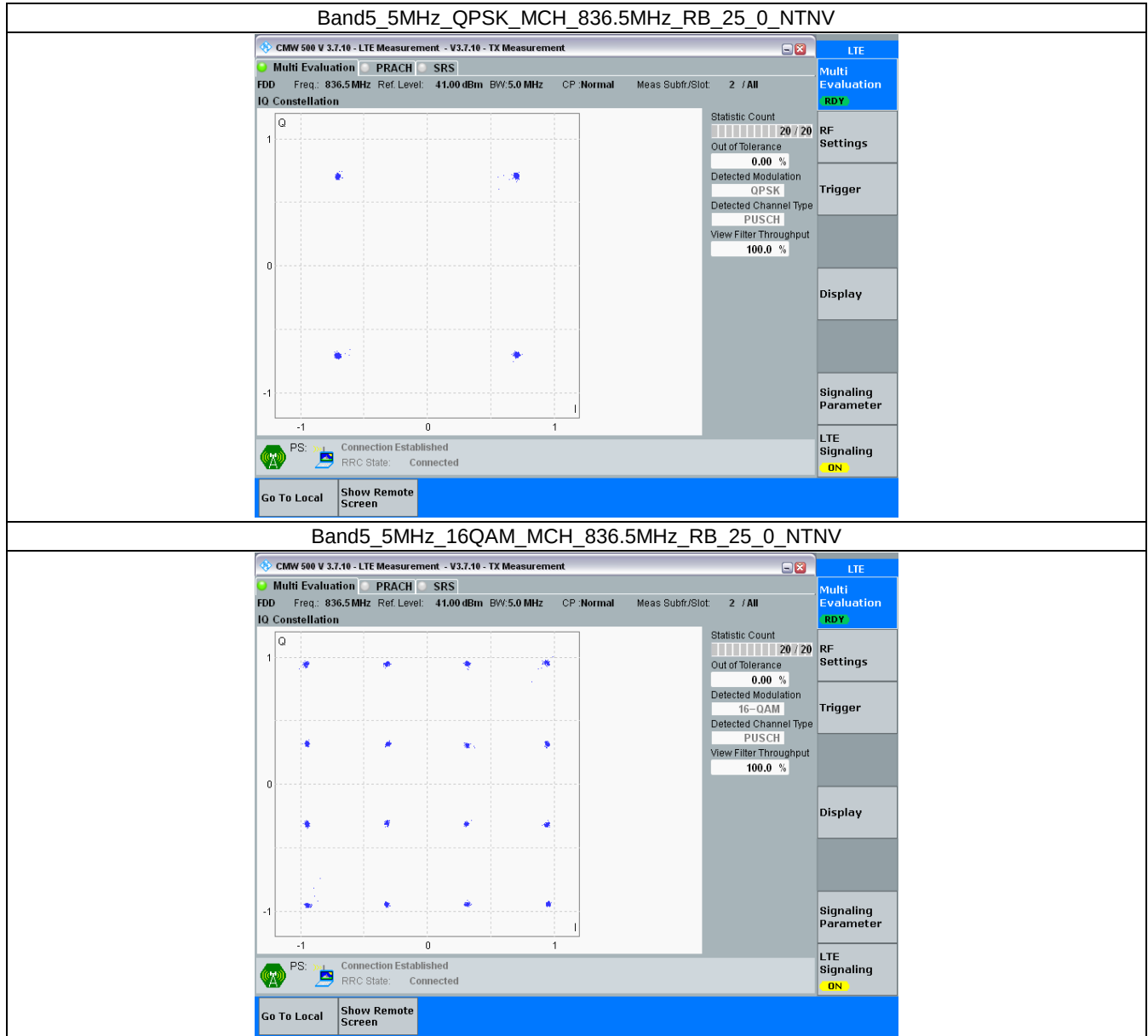
3.2.1 B5_1.4MHz



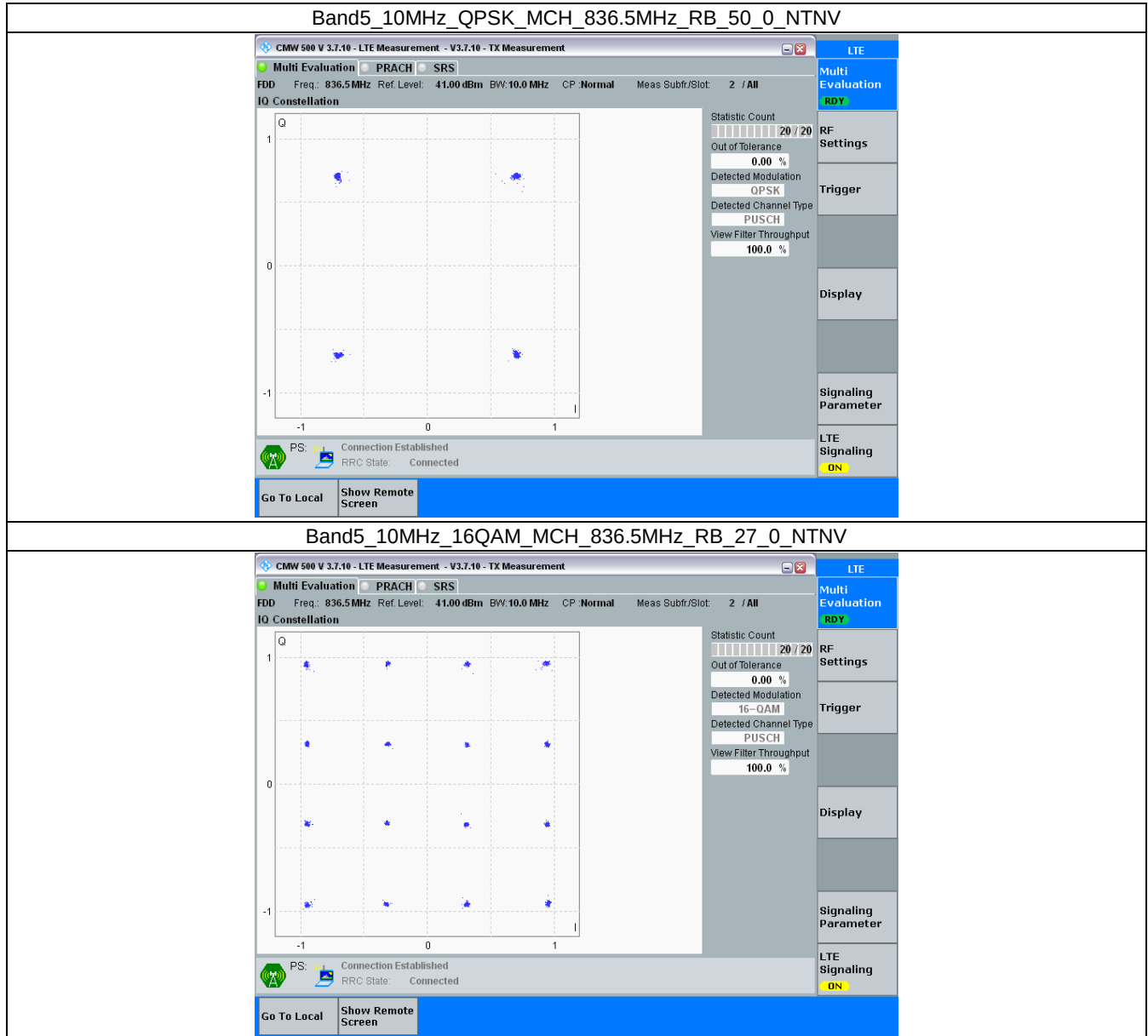
3.2.2 B5_3MHz



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	1.084	/	Pass
		836.5	6	0	1.079	/	Pass
		848.3	6	0	1.077	/	Pass
	16QAM	824.7	6	0	1.079	/	Pass
		836.5	6	0	1.077	/	Pass
		848.3	6	0	1.081	/	Pass
3	QPSK	825.5	15	0	2.687	/	Pass
		836.5	15	0	2.685	/	Pass
		847.5	15	0	2.680	/	Pass
	16QAM	825.5	15	0	2.683	/	Pass
		836.5	15	0	2.685	/	Pass
		847.5	15	0	2.680	/	Pass
5	QPSK	826.5	25	0	4.464	/	Pass
		836.5	25	0	4.487	/	Pass
		846.5	25	0	4.475	/	Pass
	16QAM	826.5	25	0	4.467	/	Pass
		836.5	25	0	4.470	/	Pass
		846.5	25	0	4.469	/	Pass
10	QPSK	829	50	0	8.947	/	Pass
		836.5	50	0	8.951	/	Pass
		844	50	0	8.957	/	Pass
	16QAM	829	27	0	4.847	/	Pass
		836.5	27	0	4.850	/	Pass
		844	27	23	4.852	/	Pass

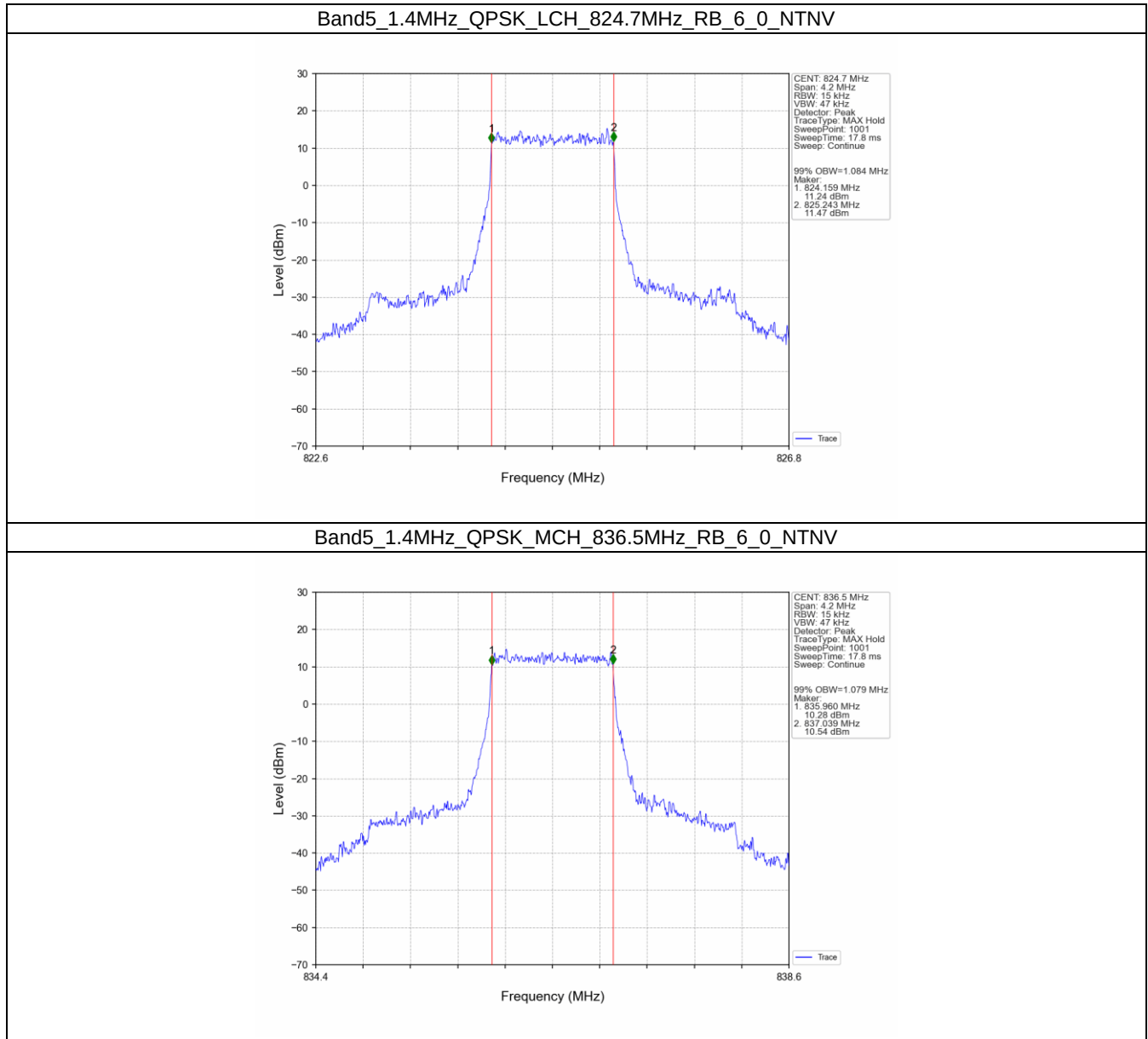
4.1.2 Band5_XDB

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	1.230	/	Pass
		836.5	6	0	1.251	/	Pass
		848.3	6	0	1.238	/	Pass
	16QAM	824.7	6	0	1.240	/	Pass
		836.5	6	0	1.218	/	Pass
		848.3	6	0	1.284	/	Pass
3	QPSK	825.5	15	0	2.897	/	Pass
		836.5	15	0	2.886	/	Pass

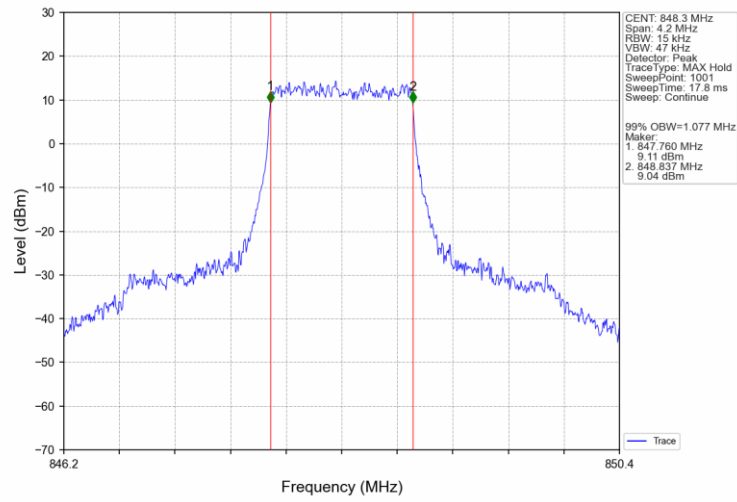
	16QAM	847.5	15	0	2.884	/	Pass
		825.5	15	0	2.888	/	Pass
		836.5	15	0	2.883	/	Pass
		847.5	15	0	2.901	/	Pass
5	QPSK	826.5	25	0	4.867	/	Pass
		836.5	25	0	4.898	/	Pass
		846.5	25	0	4.892	/	Pass
	16QAM	826.5	25	0	4.869	/	Pass
		836.5	25	0	4.863	/	Pass
		846.5	25	0	4.827	/	Pass
10	QPSK	829	50	0	9.645	/	Pass
		836.5	50	0	9.565	/	Pass
		844	50	0	9.657	/	Pass
	16QAM	829	27	0	5.473	/	Pass
		836.5	27	0	5.484	/	Pass
		844	27	23	5.486	/	Pass

4.2 Test Graph

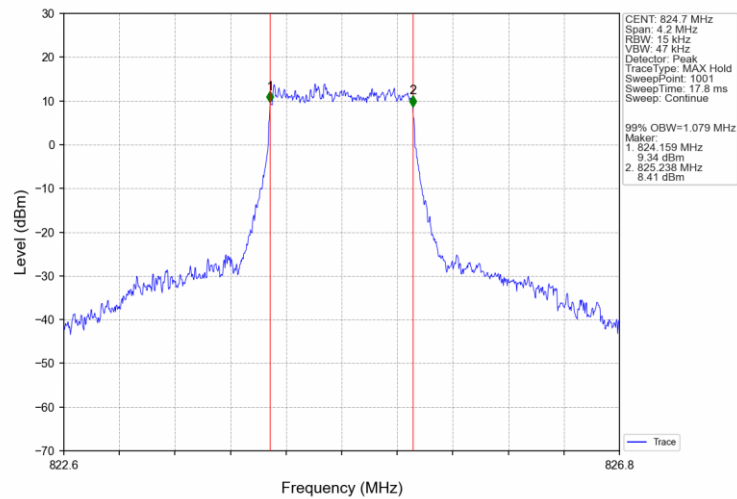
4.2.1 Band5_OBW



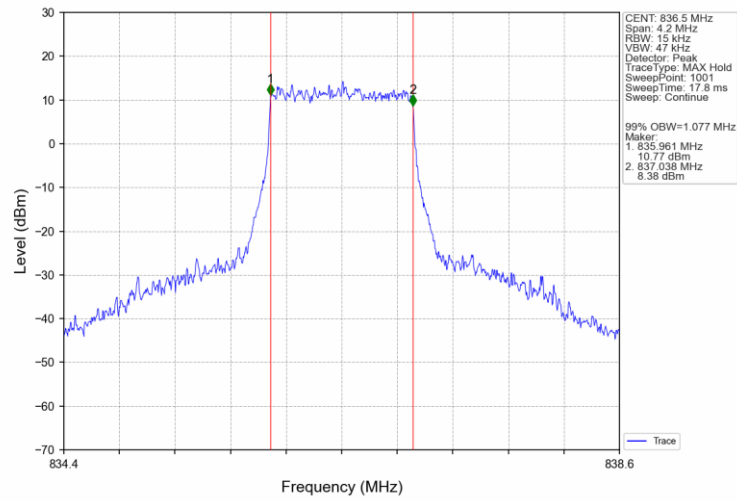
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



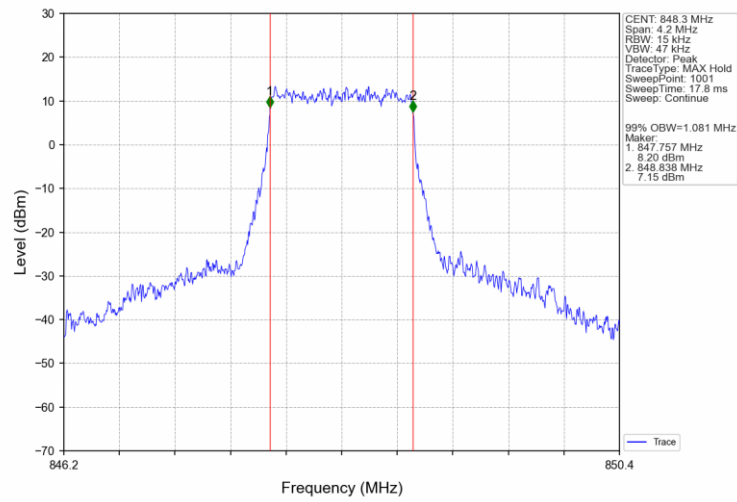
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



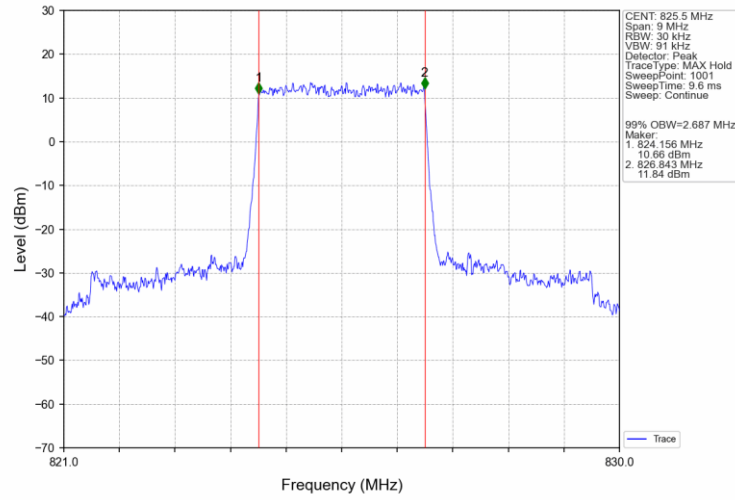
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



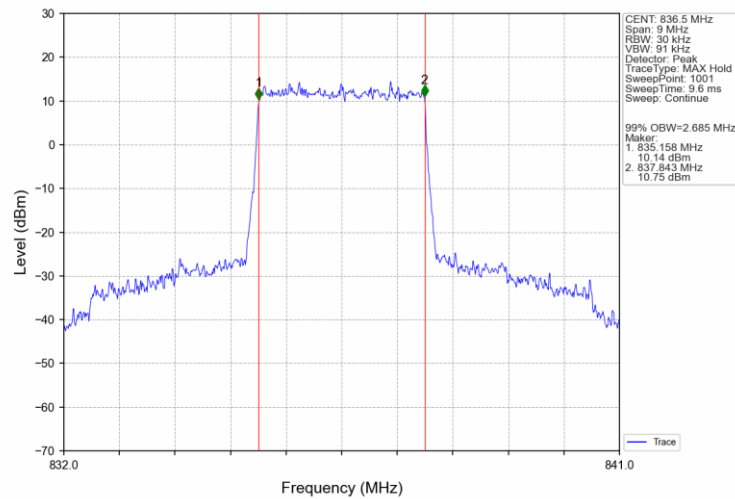
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



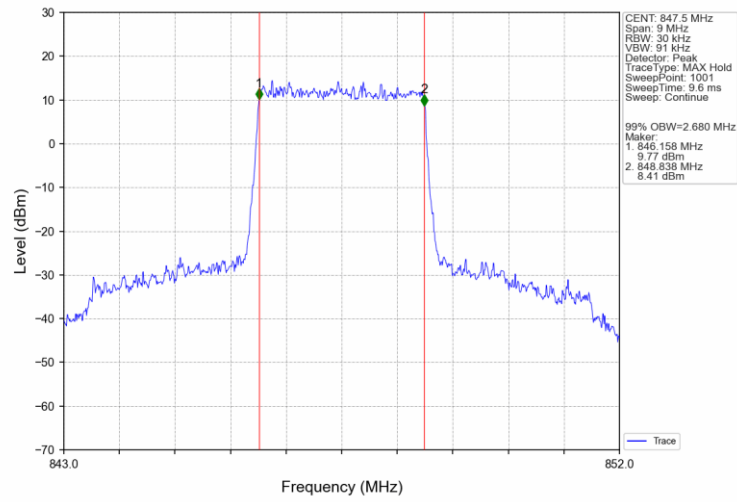
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



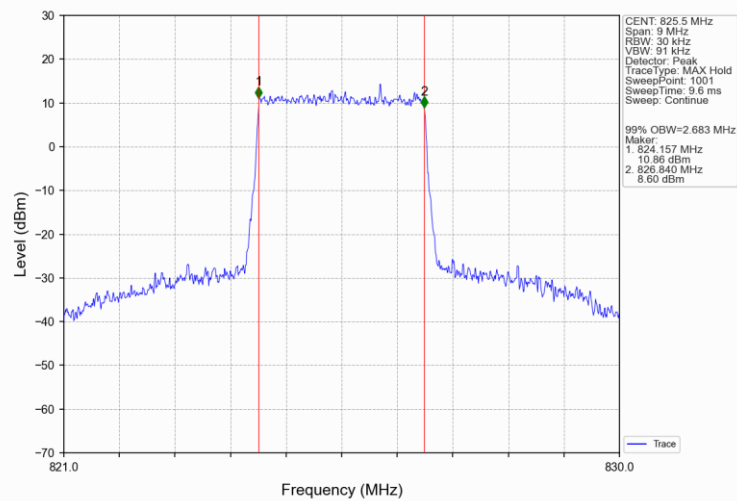
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



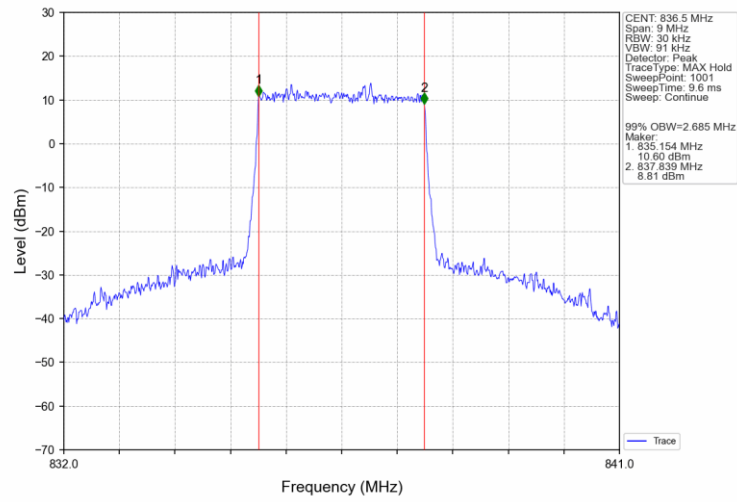
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



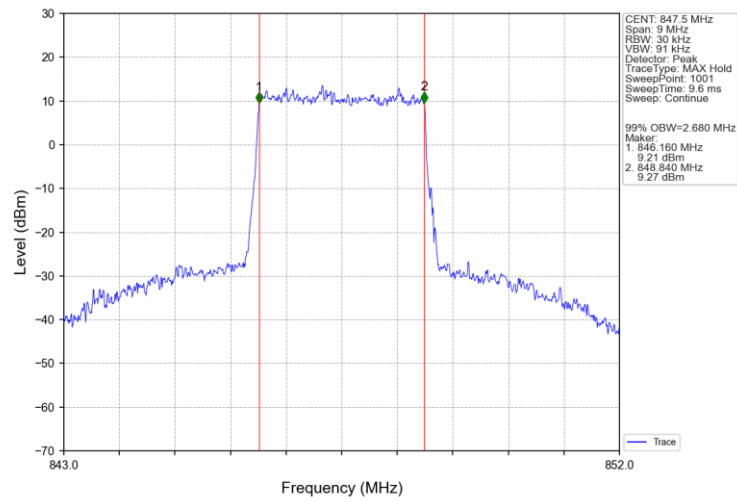
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



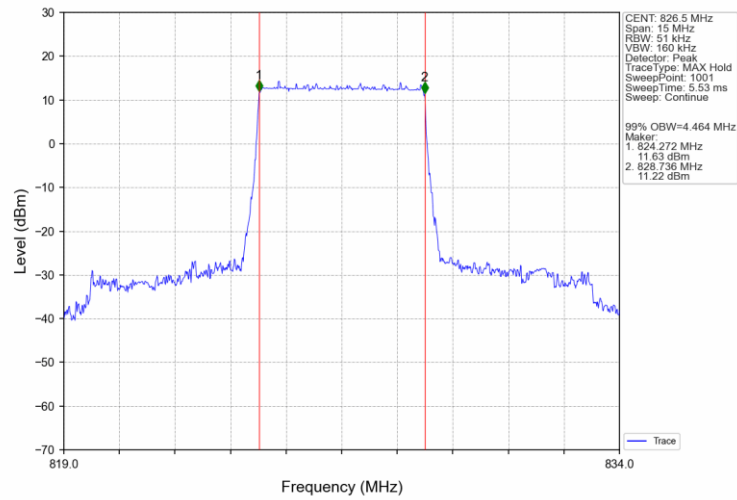
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



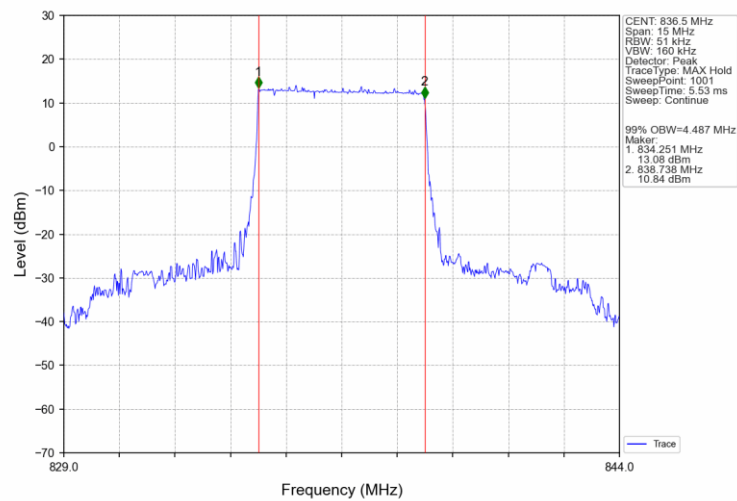
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



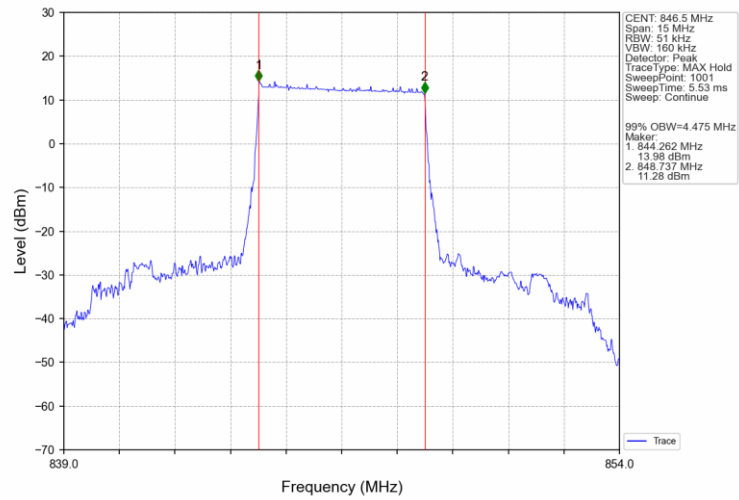
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



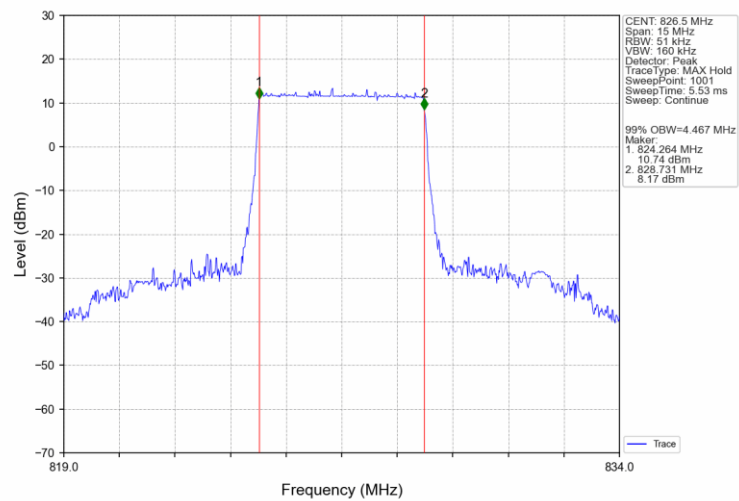
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



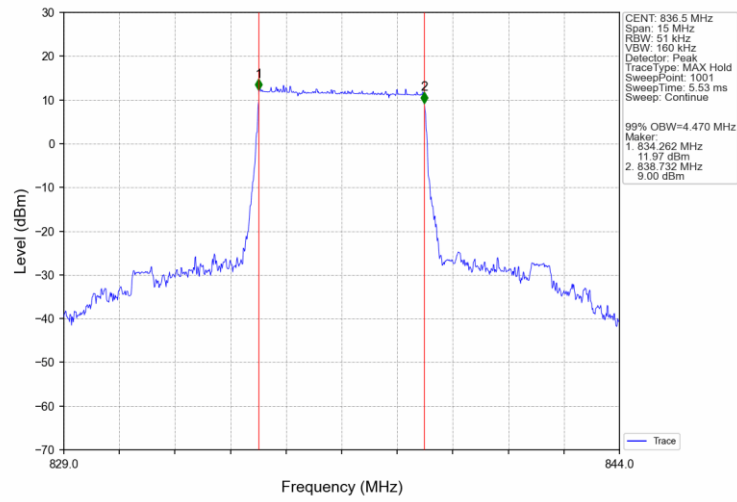
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



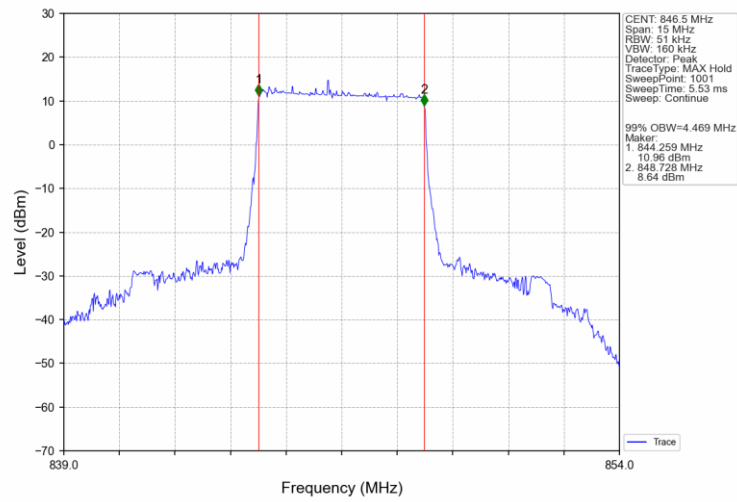
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



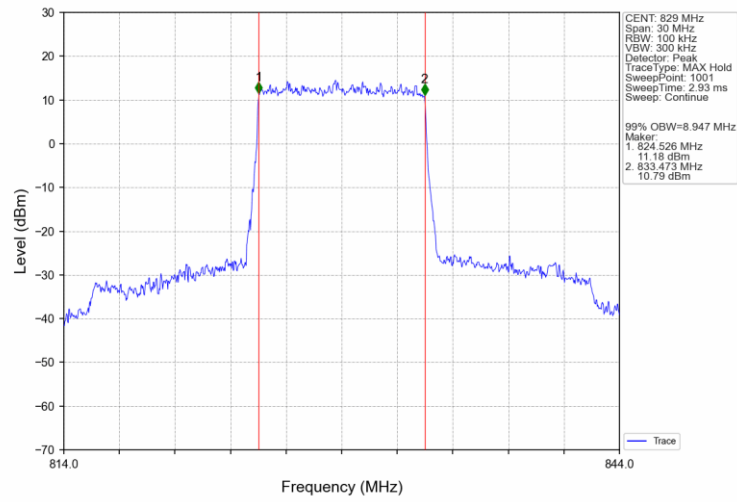
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



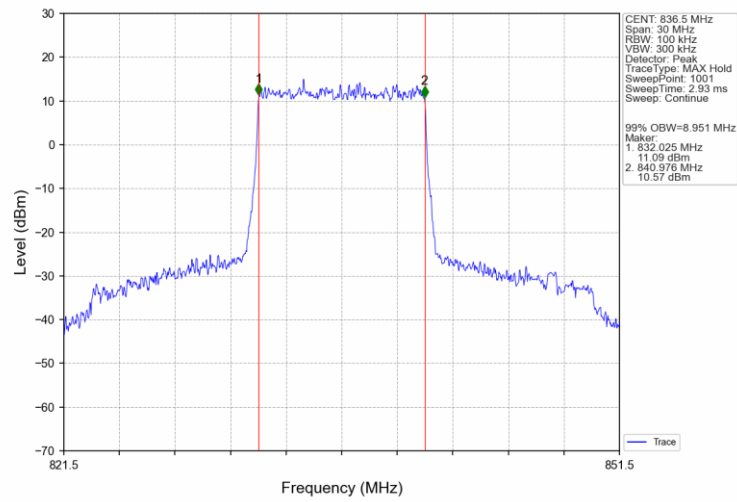
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



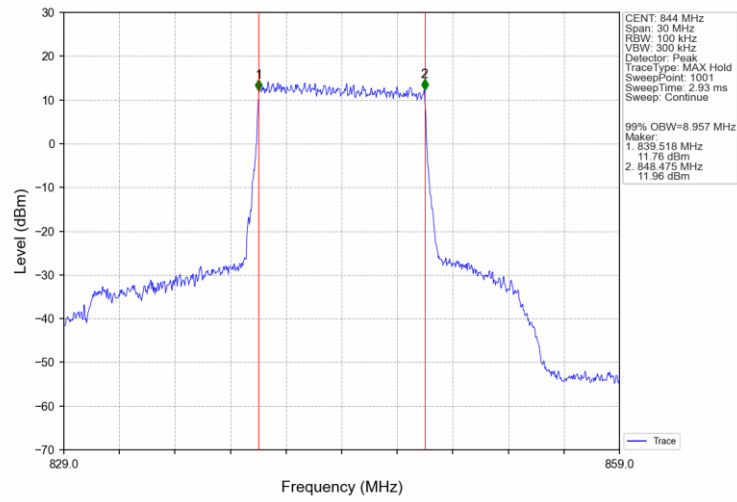
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



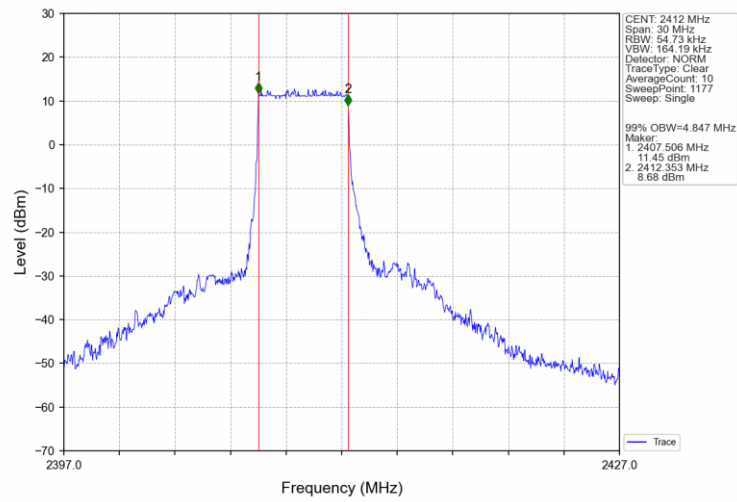
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



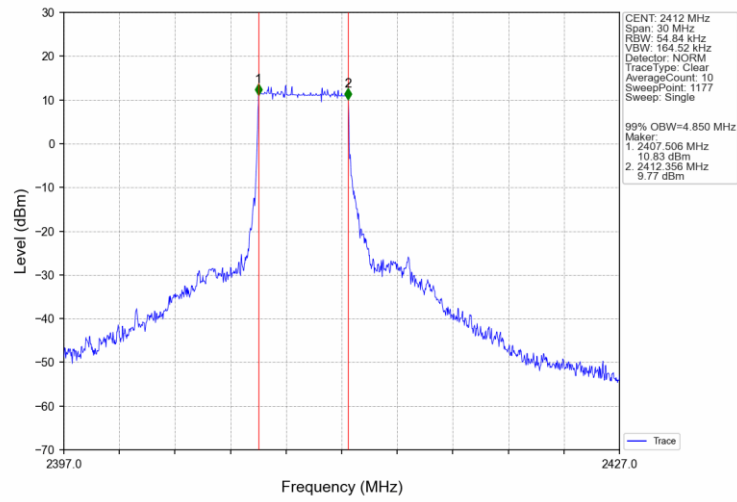
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



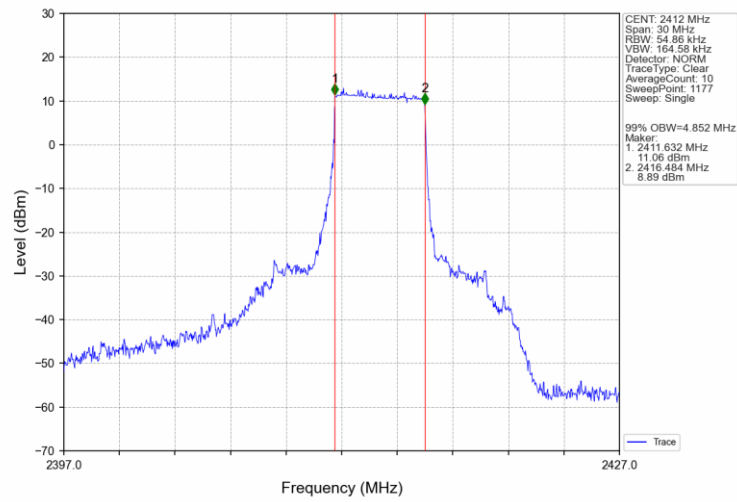
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

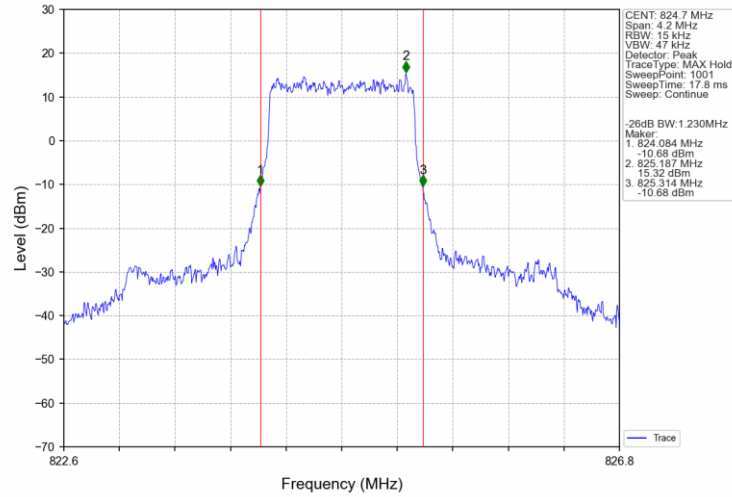


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

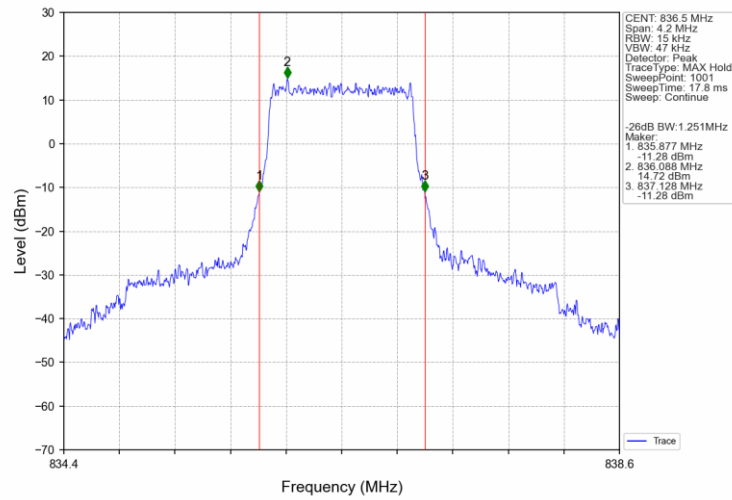


4.2.2 Band5_XDB

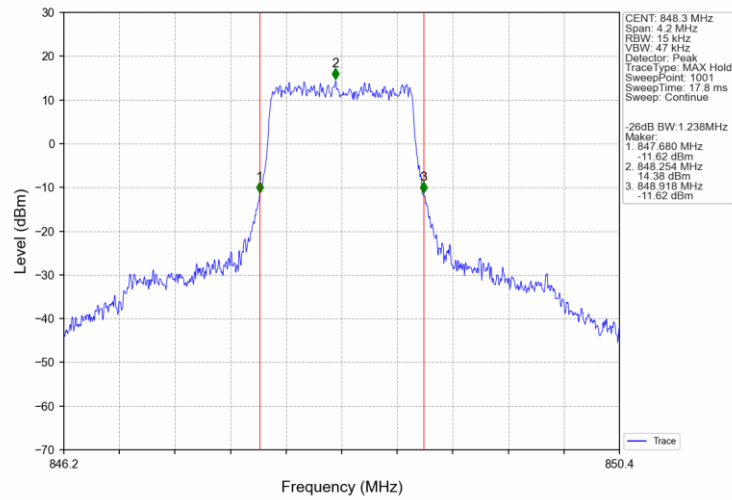
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



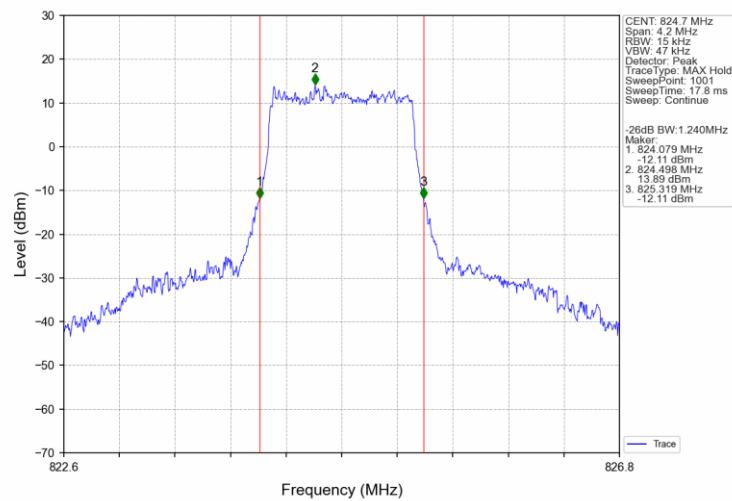
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



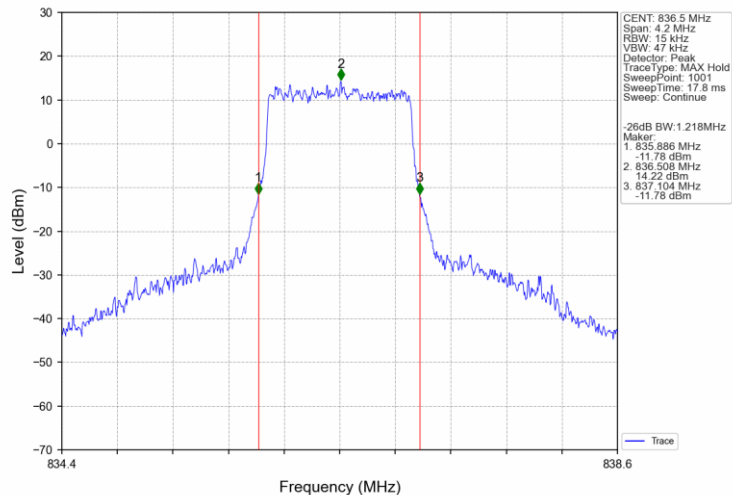
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



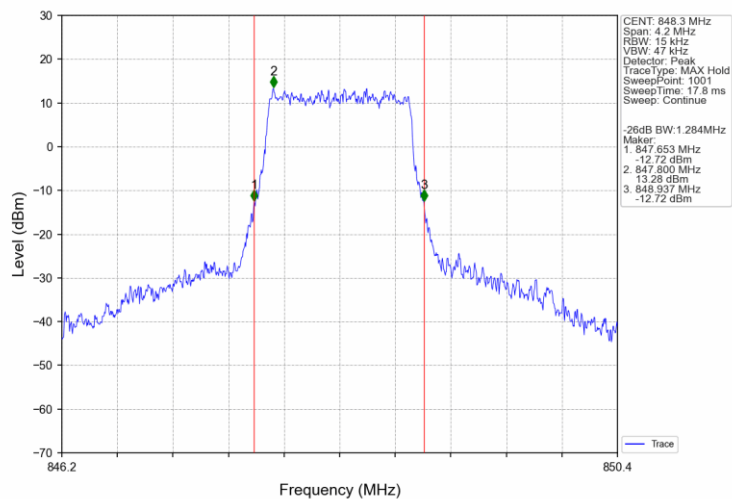
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



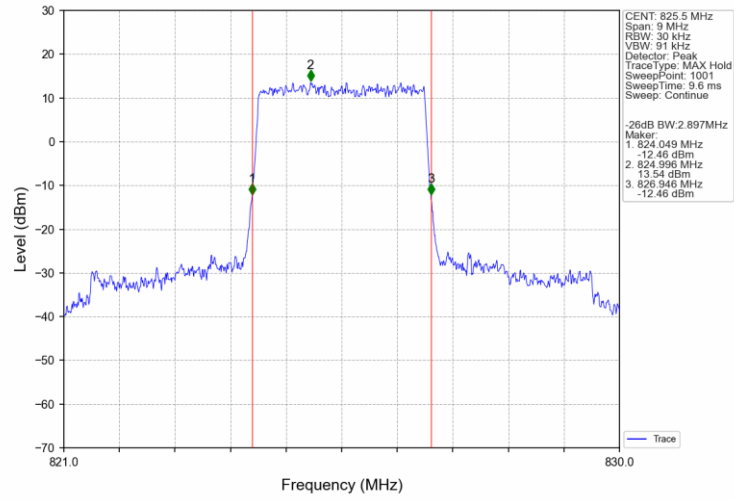
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



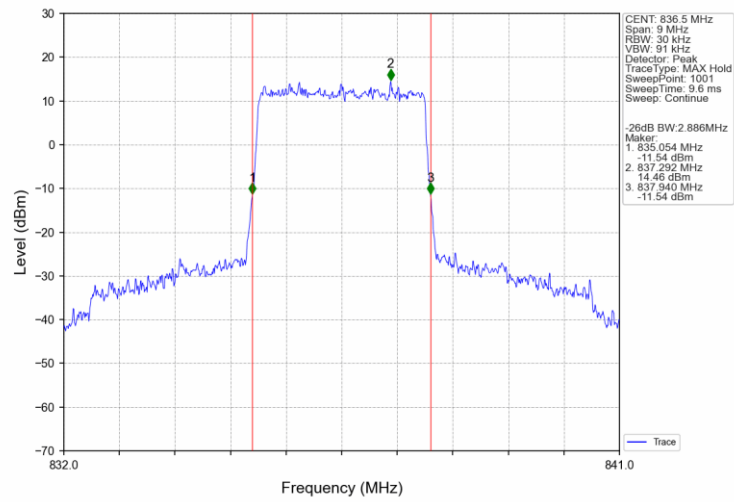
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



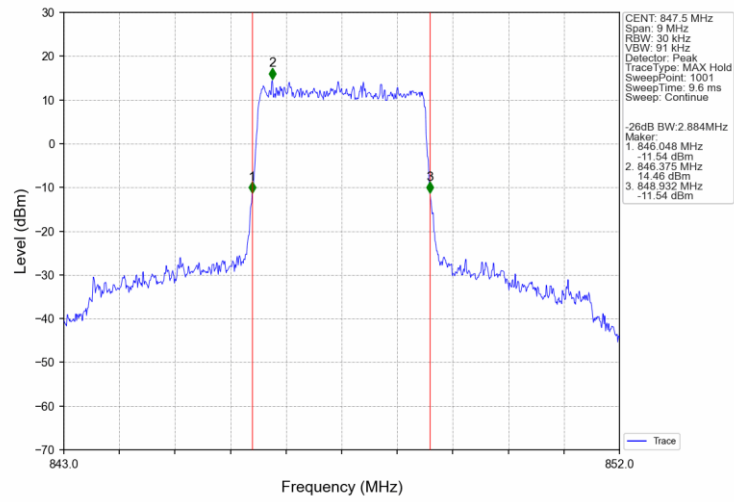
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



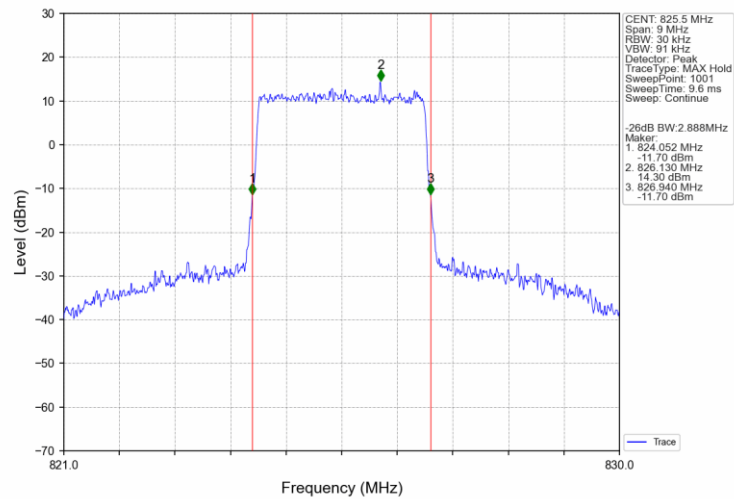
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



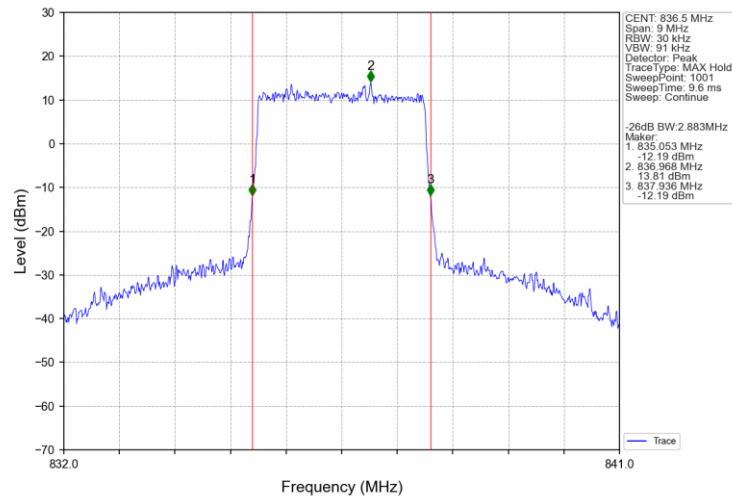
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



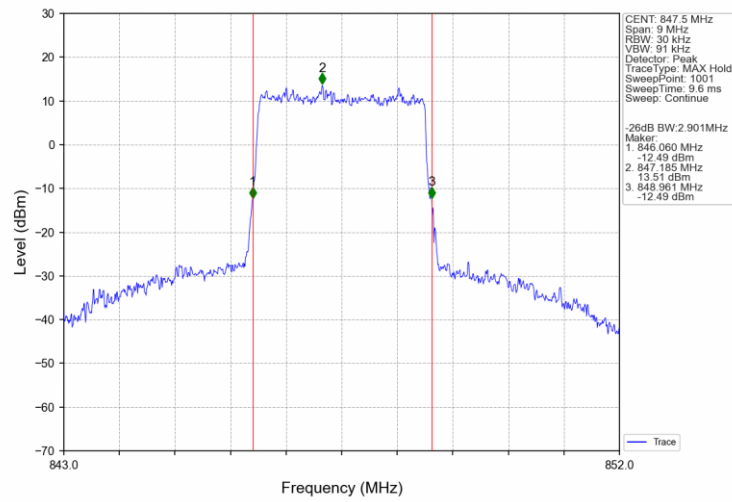
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



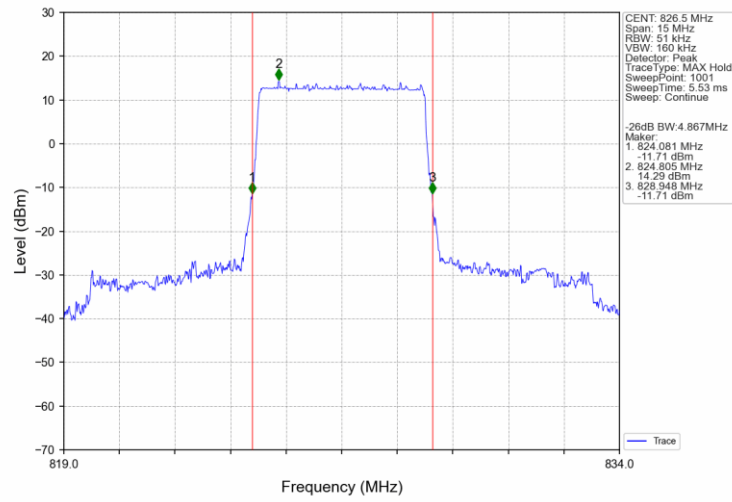
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



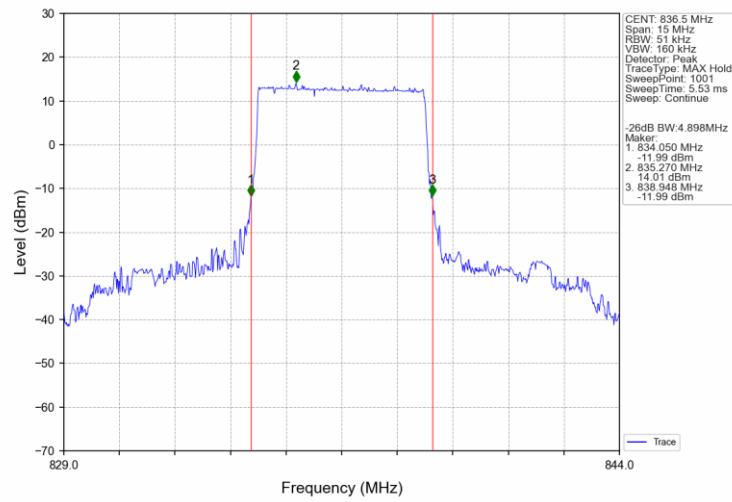
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



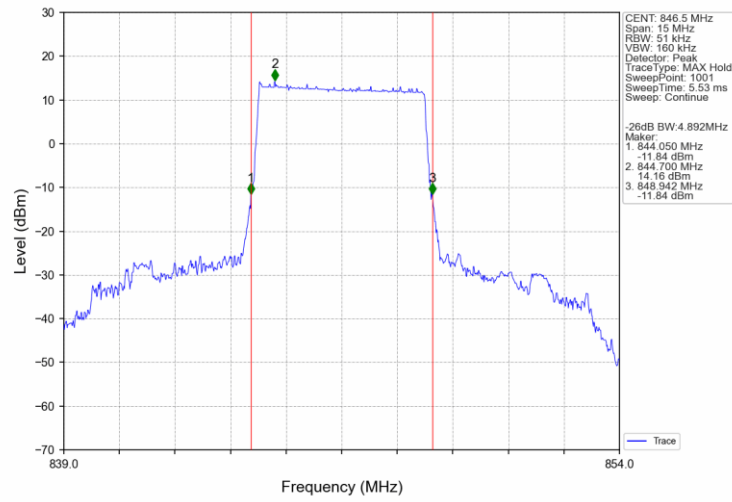
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



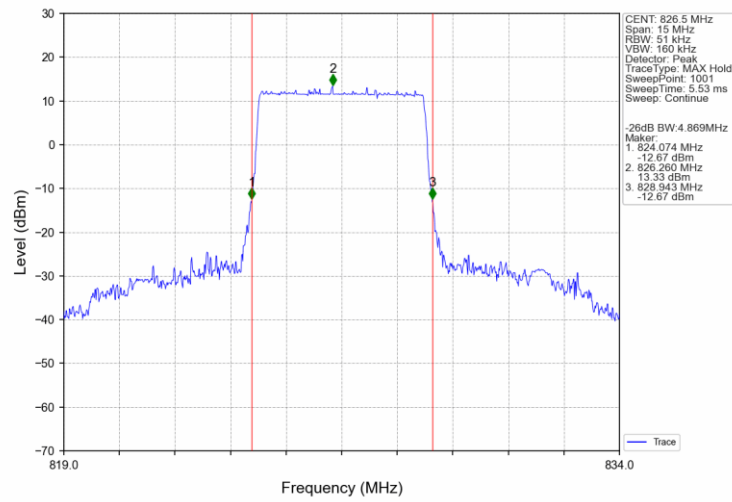
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



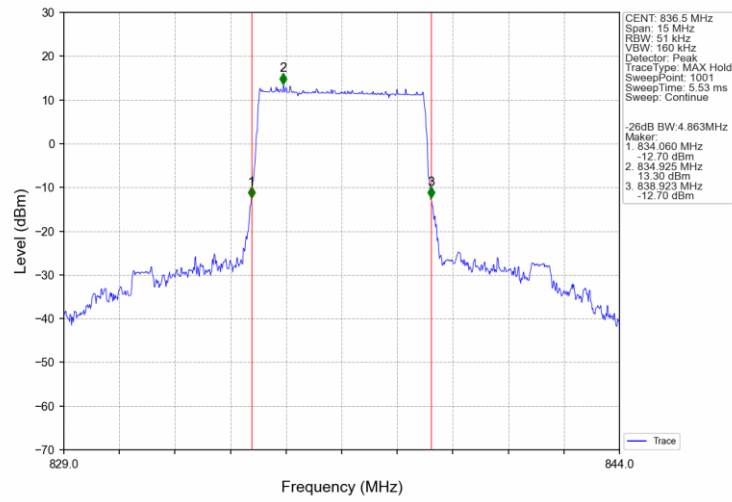
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



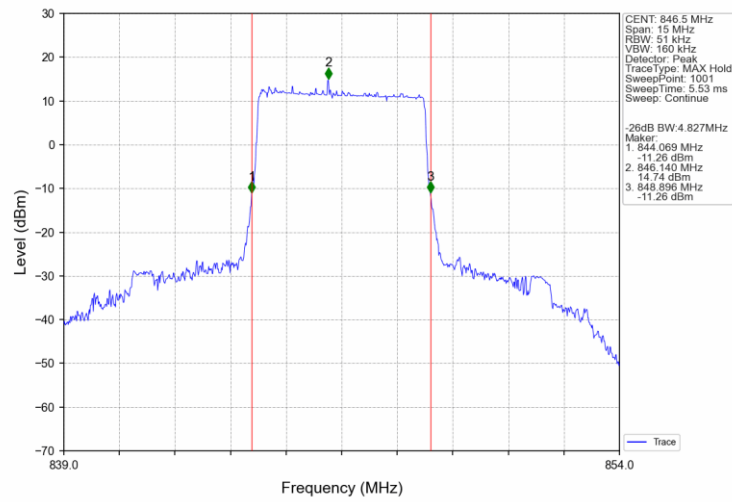
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



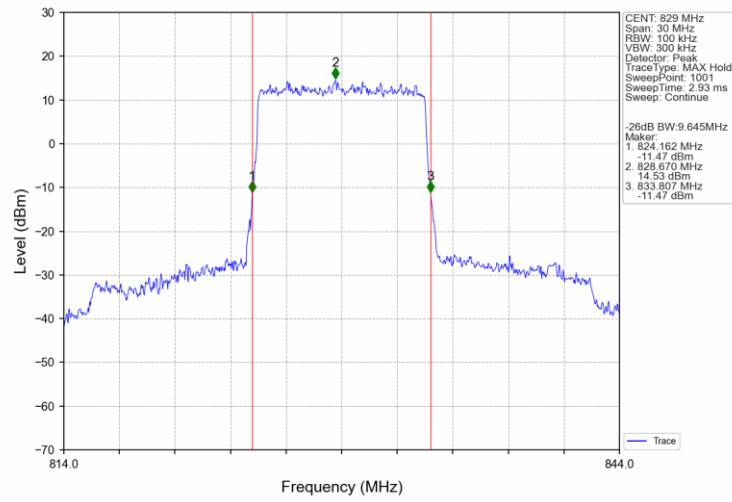
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



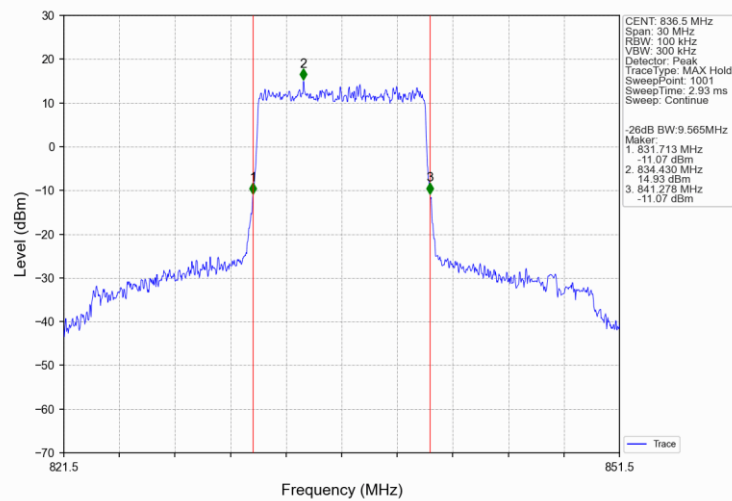
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



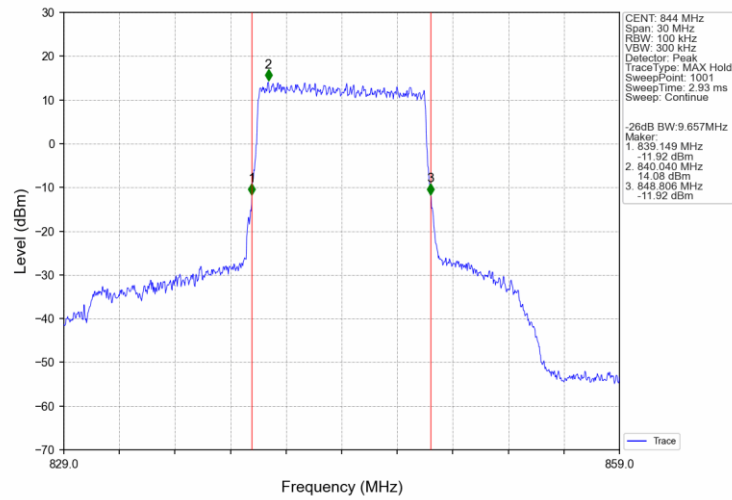
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



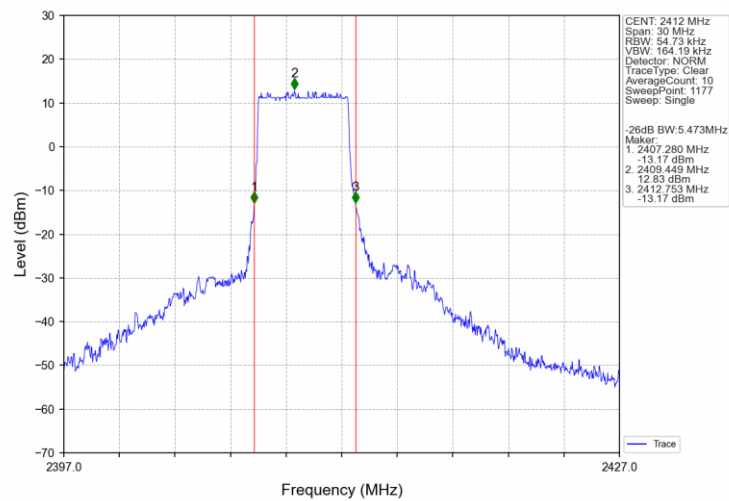
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



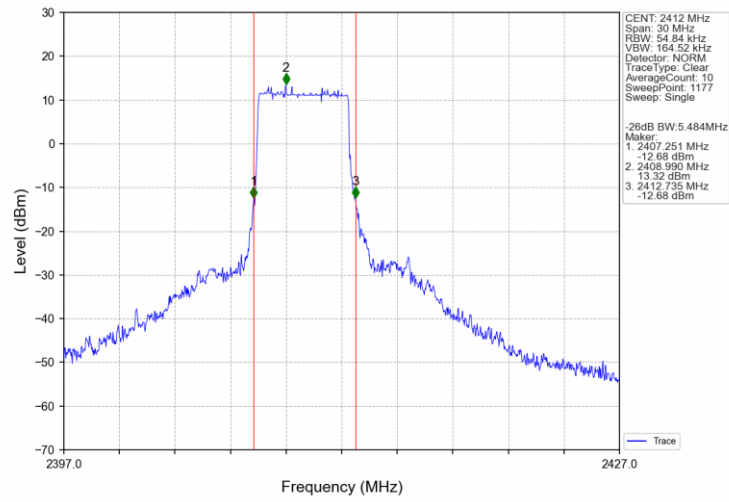
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



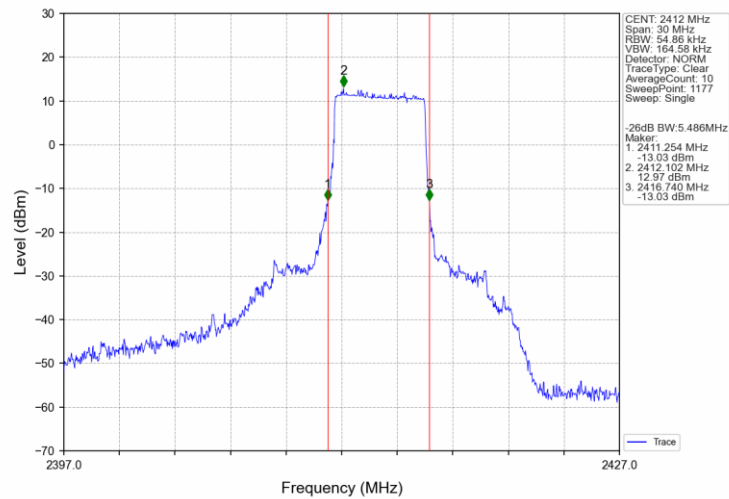
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



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	5.15	<=13	Pass
	836.5	6	0	5.36	<=13	Pass
	848.3	6	0	5.22	<=13	Pass
16QAM	824.7	6	0	5.94	<=13	Pass
	836.5	6	0	6.21	<=13	Pass
	848.3	6	0	5.98	<=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	5.26	<=13	Pass
	836.5	15	0	5.33	<=13	Pass
	847.5	15	0	5.43	<=13	Pass
16QAM	825.5	15	0	6.07	<=13	Pass
	836.5	15	0	6.29	<=13	Pass
	847.5	15	0	6.24	<=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	5.39	<=13	Pass
	836.5	25	0	5.63	<=13	Pass
	846.5	25	0	5.57	<=13	Pass
16QAM	826.5	25	0	6.13	<=13	Pass
	836.5	25	0	6.33	<=13	Pass
	846.5	25	0	6.24	<=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	5.35	<=13	Pass
	836.5	50	0	5.41	<=13	Pass

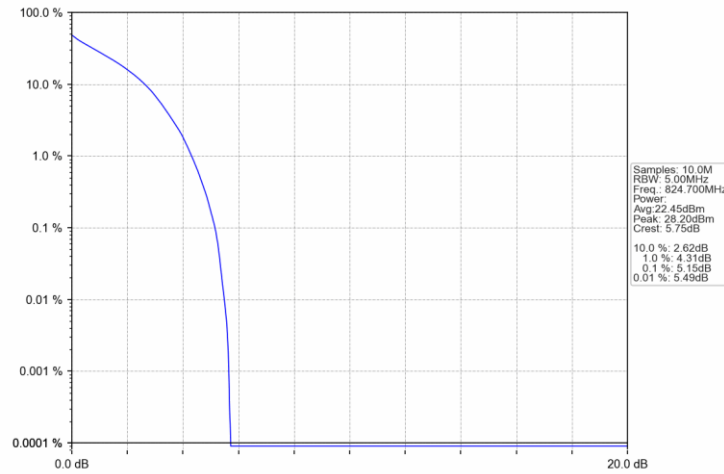


	844	50	0	5.53	<=13	Pass
16QAM	829	27	0	6.01	<=13	Pass
	836.5	27	0	6.12	<=13	Pass
	844	27	23	6.20	<=13	Pass

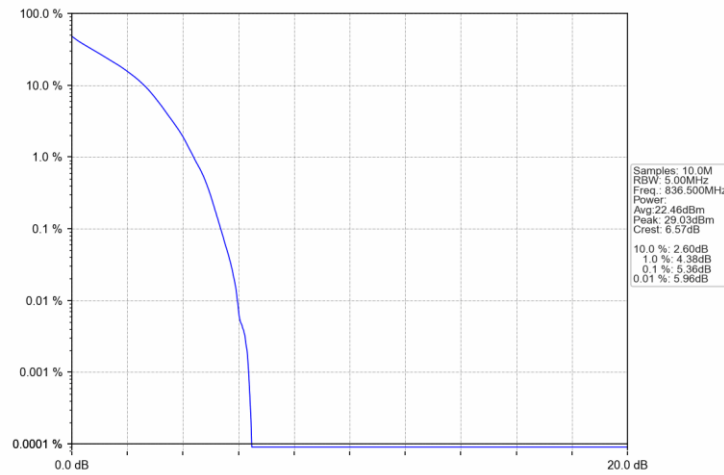
5.2 Test Graph

5.2.1 B5_1.4MHz

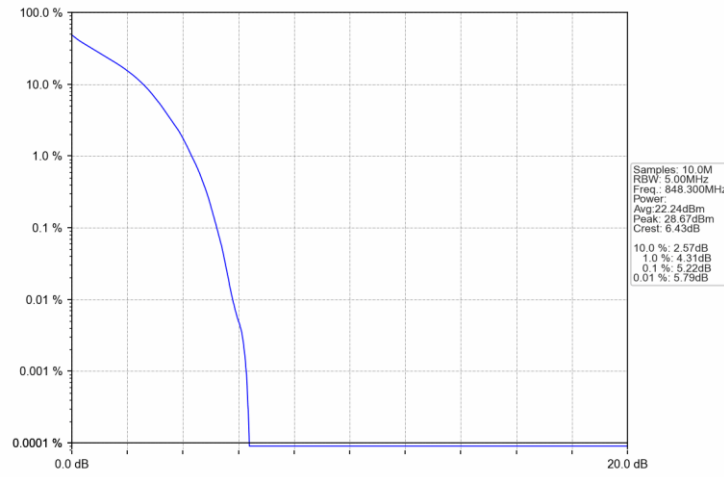
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



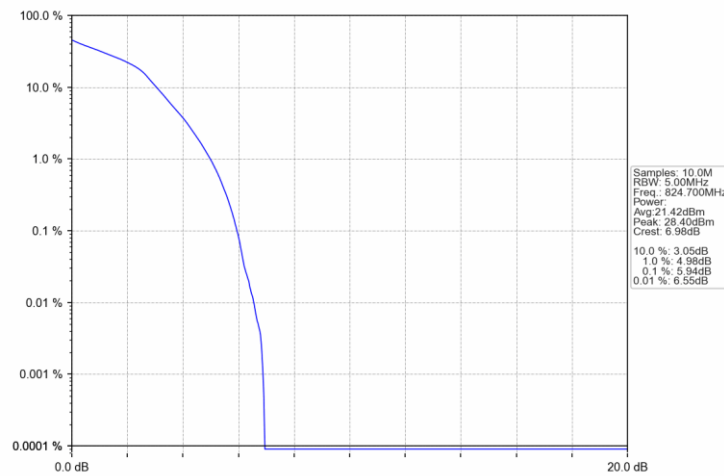
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



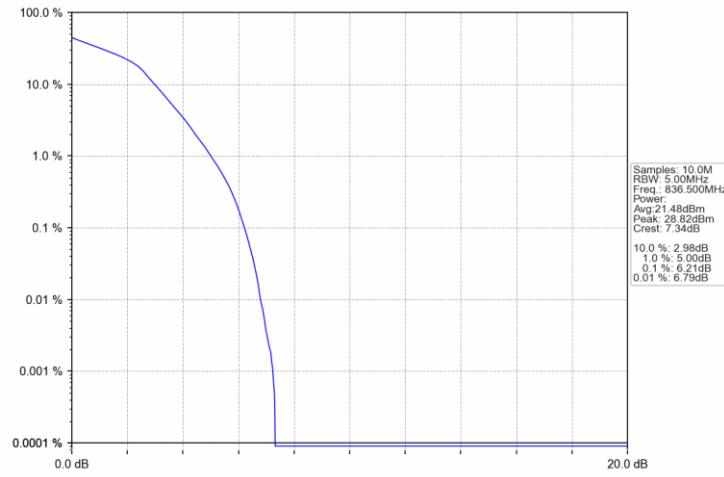
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



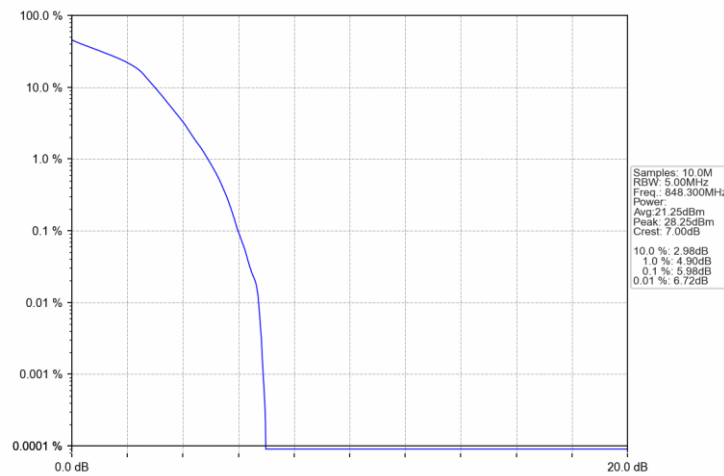
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

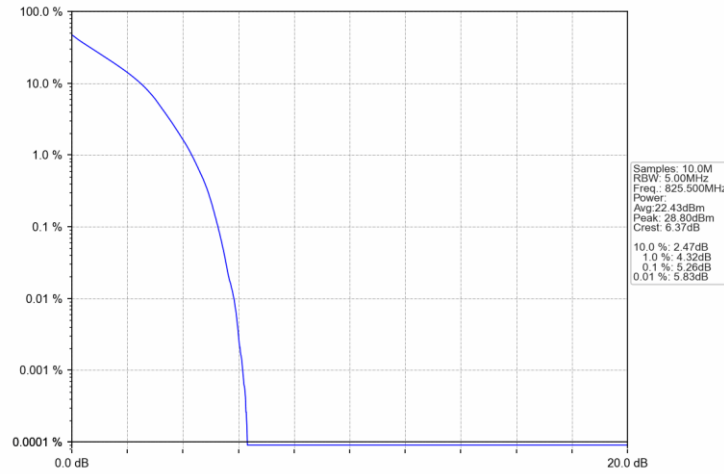


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

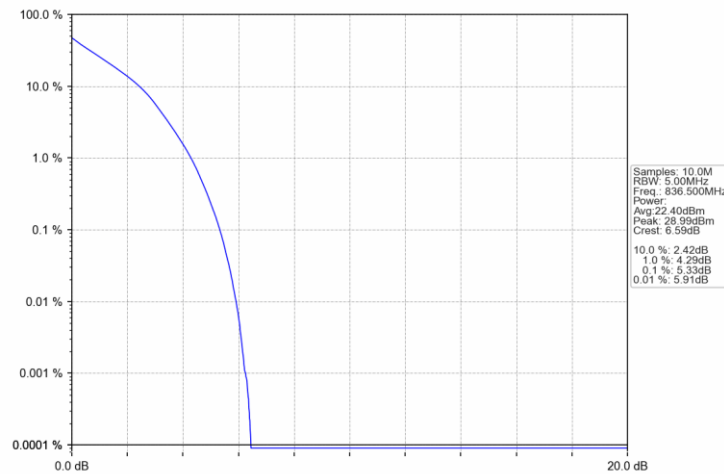


5.2.2 B5_3MHz

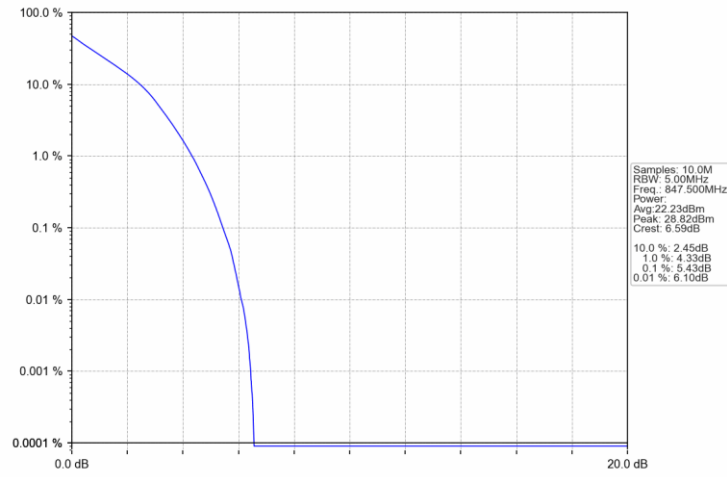
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



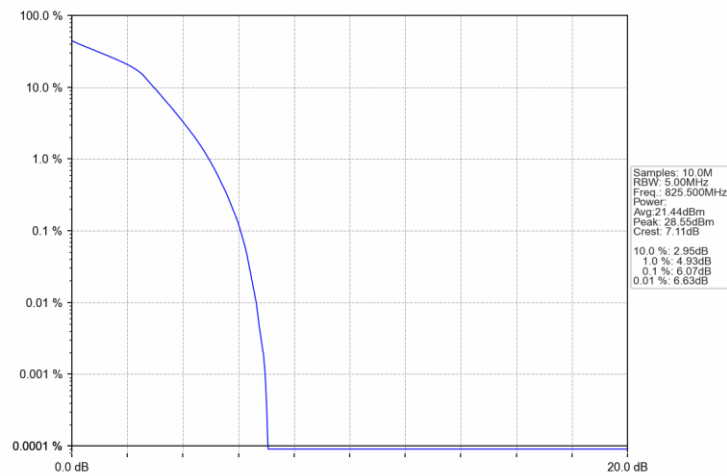
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



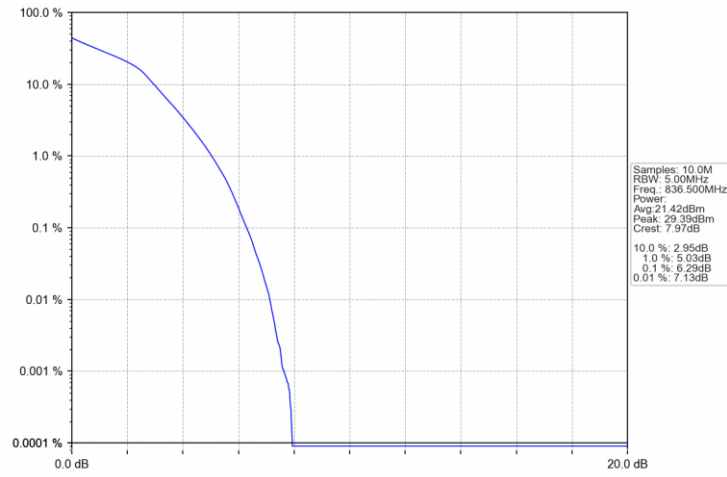
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



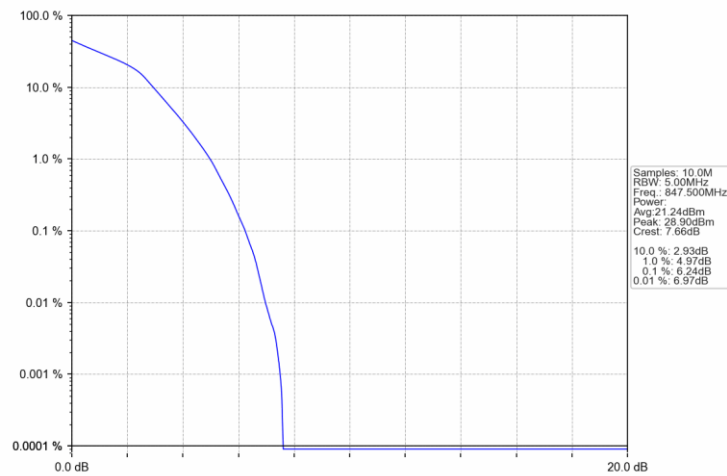
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

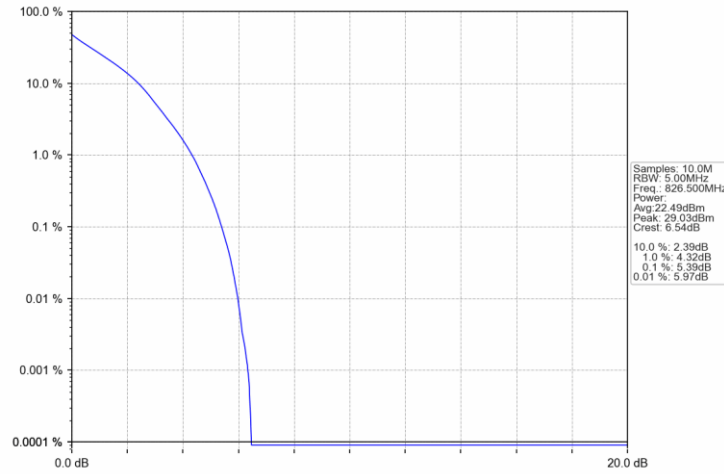


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

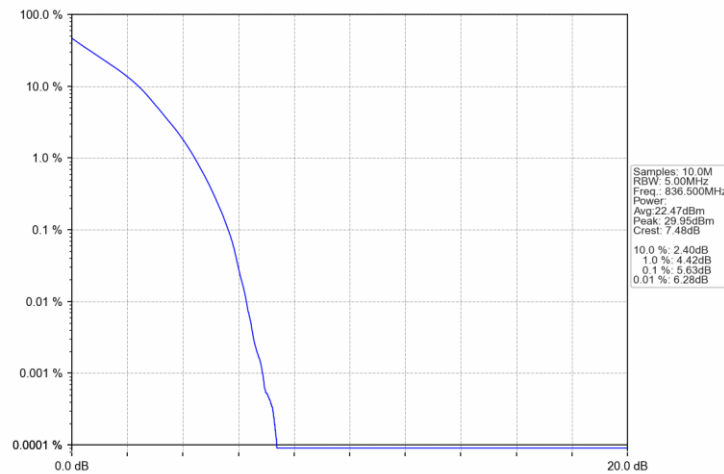


5.2.3 B5_5MHz

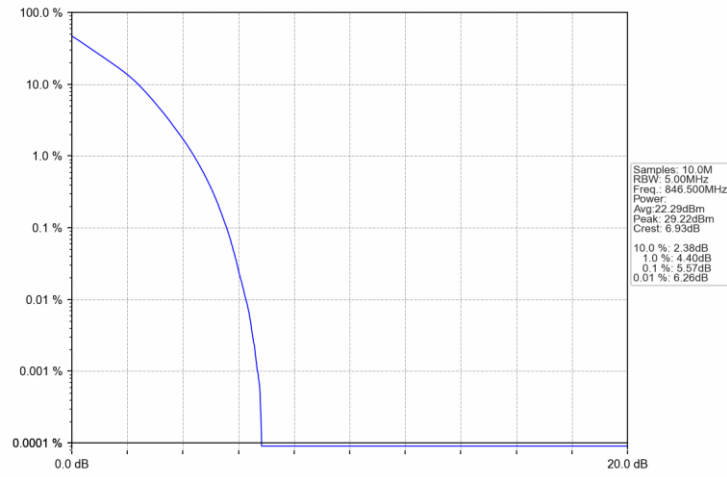
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



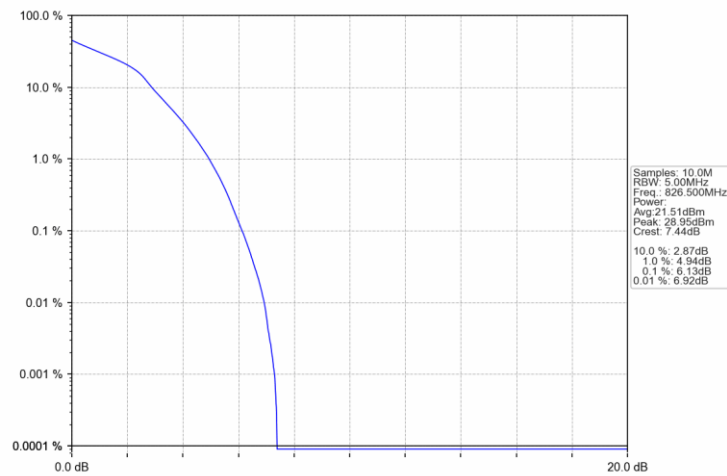
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



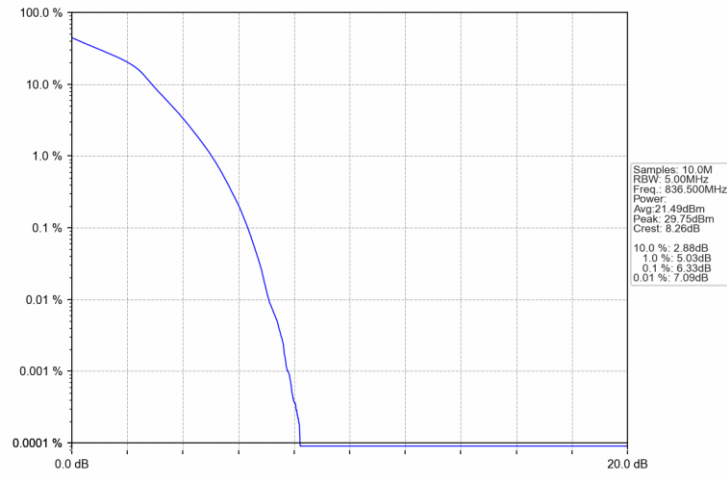
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



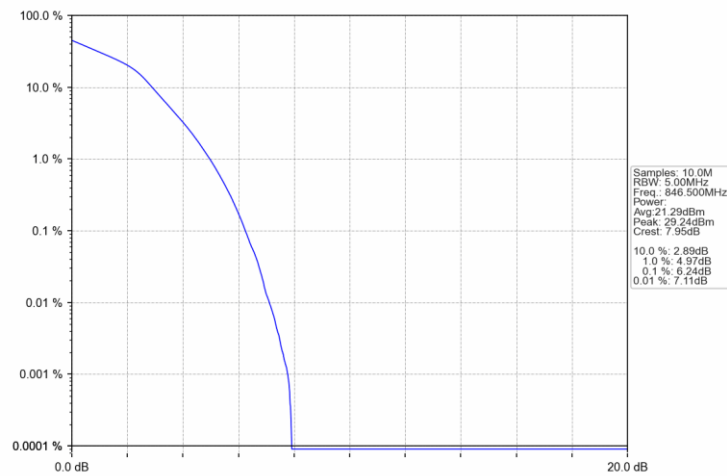
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

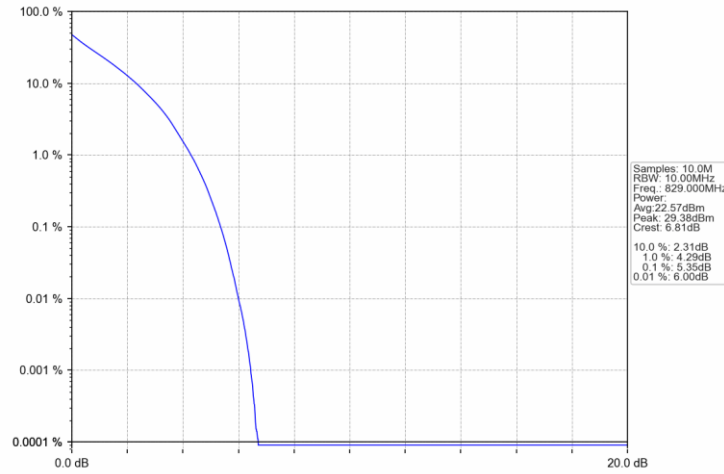


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

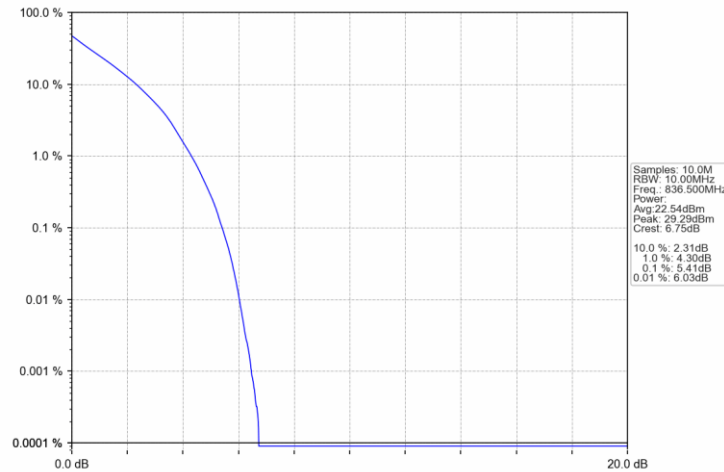


5.2.4 B5_10MHz

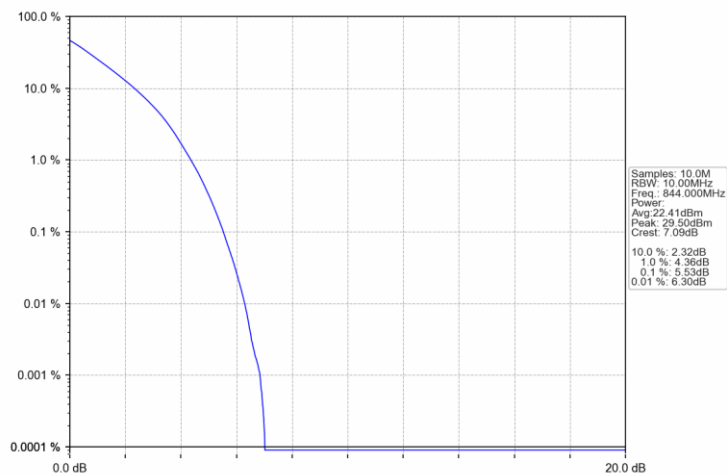
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



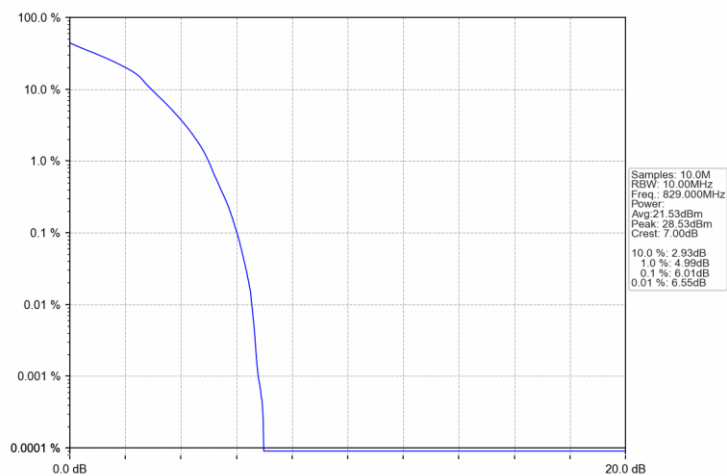
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



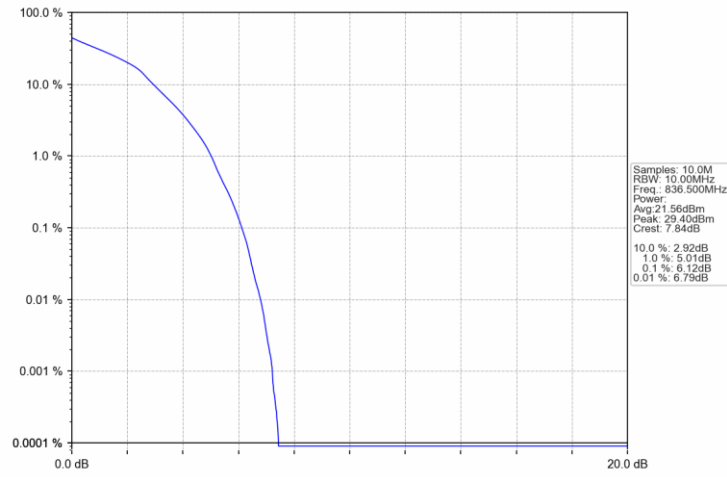
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



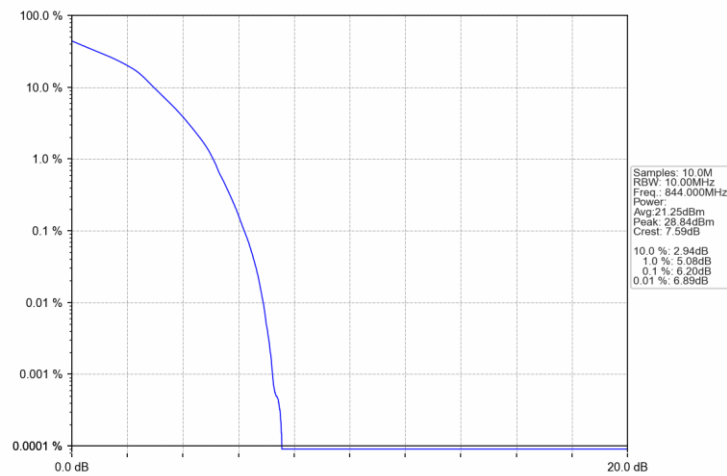
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



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

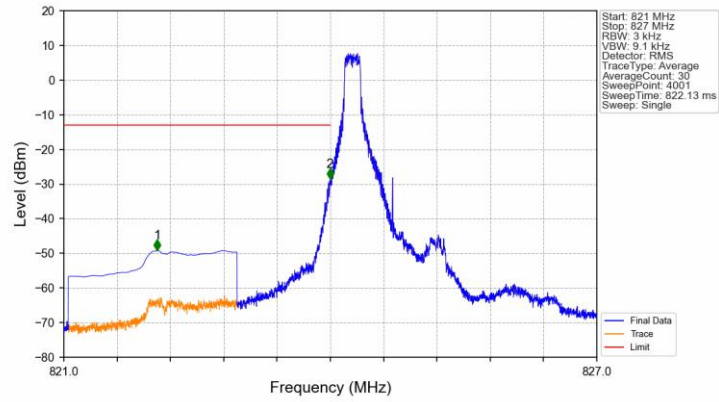
6.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / 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
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		27	0	Refer To Test Graph		?
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		27	23	Refer To Test Graph		?
			0	Refer To Test Graph		Pass

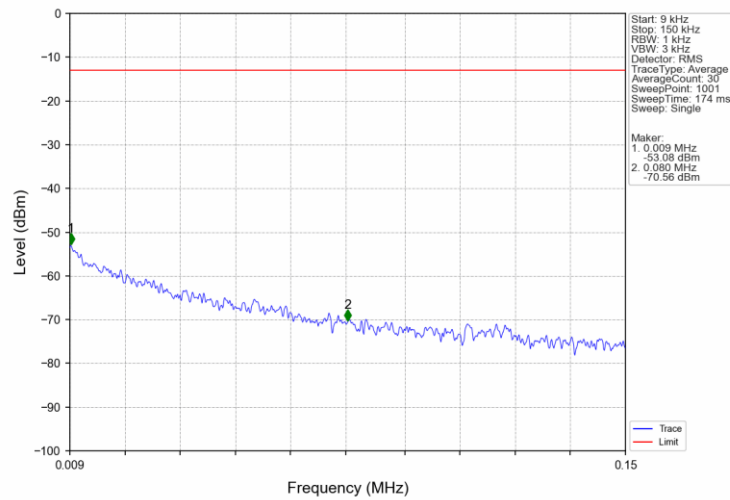
6.2 Test Graph

6.2.1 B5_1.4MHz

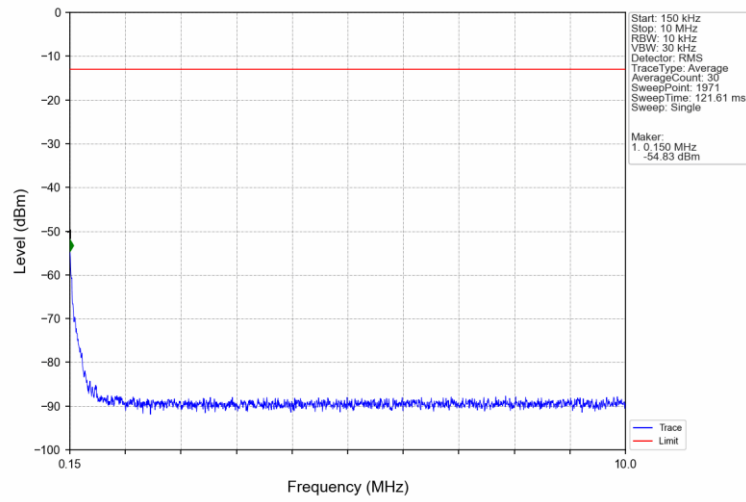
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



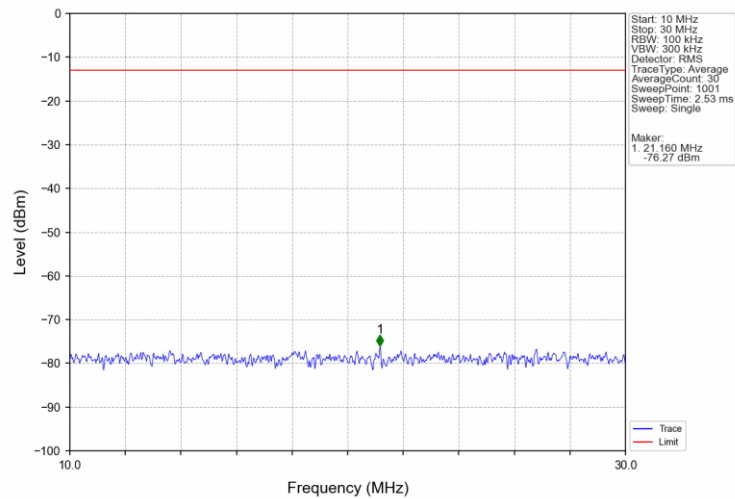
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



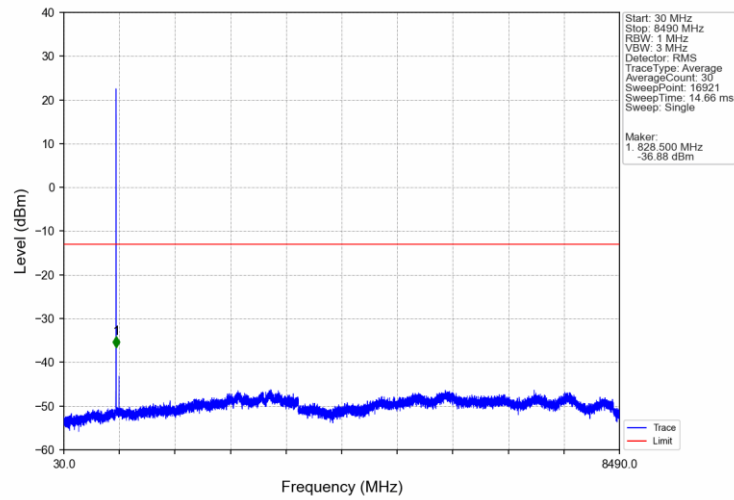
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



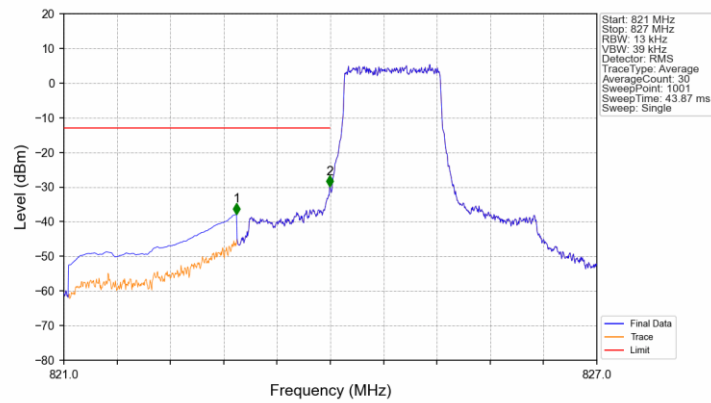
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



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	-37.78	-13	Pass
823	824	0.013	/	2	823.994	-29.83	-13	Pass
824	827	0.013	/	/	/	/	/	/