

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 / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.50	-0.12	21.23	<=38.45	Pass
			2	23.47	-0.12	21.20	<=38.45	Pass
			5	23.44	-0.12	21.17	<=38.45	Pass
		3	0	23.97	-0.12	21.70	<=38.45	Pass
			2	23.99	-0.12	21.72	<=38.45	Pass
			3	23.98	-0.12	21.71	<=38.45	Pass
		6	0	22.95	-0.12	20.68	<=38.45	Pass
	836.5	1	0	23.59	-0.12	21.32	<=38.45	Pass
			2	23.59	-0.12	21.32	<=38.45	Pass
			5	23.58	-0.12	21.31	<=38.45	Pass
		3	0	24.04	-0.12	21.77	<=38.45	Pass
			2	24.02	-0.12	21.75	<=38.45	Pass
			3	24.01	-0.12	21.74	<=38.45	Pass
		6	0	23.01	-0.12	20.74	<=38.45	Pass
	848.3	1	0	23.31	-0.12	21.04	<=38.45	Pass
			2	23.34	-0.12	21.07	<=38.45	Pass
			5	23.30	-0.12	21.03	<=38.45	Pass
		3	0	23.86	-0.12	21.59	<=38.45	Pass
			2	23.91	-0.12	21.64	<=38.45	Pass
			3	23.90	-0.12	21.63	<=38.45	Pass
		6	0	22.89	-0.12	20.62	<=38.45	Pass
16QAM	824.7	1	0	22.77	-0.12	20.50	<=38.45	Pass
			2	22.81	-0.12	20.54	<=38.45	Pass
			5	22.72	-0.12	20.45	<=38.45	Pass
		3	0	23.01	-0.12	20.74	<=38.45	Pass
			2	23.00	-0.12	20.73	<=38.45	Pass
			3	23.03	-0.12	20.76	<=38.45	Pass
		6	0	21.98	-0.12	19.71	<=38.45	Pass
	836.5	1	0	22.48	-0.12	20.21	<=38.45	Pass
			2	22.55	-0.12	20.28	<=38.45	Pass
			5	22.48	-0.12	20.21	<=38.45	Pass
		3	0	22.86	-0.12	20.59	<=38.45	Pass
			2	22.84	-0.12	20.57	<=38.45	Pass
			3	22.85	-0.12	20.58	<=38.45	Pass
		6	0	22.01	-0.12	19.74	<=38.45	Pass
	848.3	1	0	22.42	-0.12	20.15	<=38.45	Pass
			2	22.41	-0.12	20.14	<=38.45	Pass
			5	22.43	-0.12	20.16	<=38.45	Pass
		3	0	22.97	-0.12	20.70	<=38.45	Pass
			2	22.98	-0.12	20.71	<=38.45	Pass
			3	22.99	-0.12	20.72	<=38.45	Pass
		6	0	21.98	-0.12	19.71	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.85	-0.12	21.58	<=38.45	Pass
			7	23.54	-0.12	21.27	<=38.45	Pass
			14	23.46	-0.12	21.19	<=38.45	Pass
		8	0	22.88	-0.12	20.61	<=38.45	Pass
			4	22.88	-0.12	20.61	<=38.45	Pass
			7	22.92	-0.12	20.65	<=38.45	Pass
		15	0	22.90	-0.12	20.63	<=38.45	Pass
	836.5	1	0	23.57	-0.12	21.30	<=38.45	Pass
			7	23.61	-0.12	21.34	<=38.45	Pass
			14	23.59	-0.12	21.32	<=38.45	Pass
		8	0	22.95	-0.12	20.68	<=38.45	Pass
			4	23.00	-0.12	20.73	<=38.45	Pass
			7	22.99	-0.12	20.72	<=38.45	Pass
		15	0	23.01	-0.12	20.74	<=38.45	Pass
	847.5	1	0	23.38	-0.12	21.11	<=38.45	Pass
			7	23.35	-0.12	21.08	<=38.45	Pass
			14	23.35	-0.12	21.08	<=38.45	Pass
		8	0	22.88	-0.12	20.61	<=38.45	Pass
			4	22.90	-0.12	20.63	<=38.45	Pass
			7	22.89	-0.12	20.62	<=38.45	Pass
		15	0	22.90	-0.12	20.63	<=38.45	Pass
16QAM	825.5	1	0	22.75	-0.12	20.48	<=38.45	Pass
			7	22.74	-0.12	20.47	<=38.45	Pass
			14	22.80	-0.12	20.53	<=38.45	Pass
		8	0	21.98	-0.12	19.71	<=38.45	Pass
			4	21.91	-0.12	19.64	<=38.45	Pass
			7	21.94	-0.12	19.67	<=38.45	Pass
		15	0	21.96	-0.12	19.69	<=38.45	Pass
	836.5	1	0	22.47	-0.12	20.20	<=38.45	Pass
			7	22.50	-0.12	20.23	<=38.45	Pass
			14	22.49	-0.12	20.22	<=38.45	Pass
		8	0	21.96	-0.12	19.69	<=38.45	Pass
			4	21.98	-0.12	19.71	<=38.45	Pass
			7	21.99	-0.12	19.72	<=38.45	Pass
		15	0	22.06	-0.12	19.79	<=38.45	Pass
	847.5	1	0	22.41	-0.12	20.14	<=38.45	Pass
			7	22.41	-0.12	20.14	<=38.45	Pass
			14	22.40	-0.12	20.13	<=38.45	Pass
		8	0	21.95	-0.12	19.68	<=38.45	Pass
			4	21.90	-0.12	19.63	<=38.45	Pass
			7	21.89	-0.12	19.62	<=38.45	Pass
		15	0	21.86	-0.12	19.59	<=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	23.48	-0.12	21.21	<=38.45	Pass
			13	23.44	-0.12	21.17	<=38.45	Pass
			24	23.52	-0.12	21.25	<=38.45	Pass
		12	0	22.94	-0.12	20.67	<=38.45	Pass
			6	22.93	-0.12	20.66	<=38.45	Pass
			13	22.88	-0.12	20.61	<=38.45	Pass
		25	0	22.92	-0.12	20.65	<=38.45	Pass
	836.5	1	0	23.52	-0.12	21.25	<=38.45	Pass
			13	23.50	-0.12	21.23	<=38.45	Pass
			24	23.52	-0.12	21.25	<=38.45	Pass
		12	0	23.05	-0.12	20.78	<=38.45	Pass
			6	23.03	-0.12	20.76	<=38.45	Pass
			13	23.01	-0.12	20.74	<=38.45	Pass
		25	0	23.06	-0.12	20.79	<=38.45	Pass
	846.5	1	0	23.47	-0.12	21.20	<=38.45	Pass
			13	23.40	-0.12	21.13	<=38.45	Pass
			24	24.19	-0.12	21.92	<=38.45	Pass
		12	0	23.11	-0.12	20.84	<=38.45	Pass
			6	22.98	-0.12	20.71	<=38.45	Pass
			13	22.96	-0.12	20.69	<=38.45	Pass
		25	0	23.05	-0.12	20.78	<=38.45	Pass
16QAM	826.5	1	0	22.37	-0.12	20.10	<=38.45	Pass
			13	22.37	-0.12	20.10	<=38.45	Pass
			24	22.41	-0.12	20.14	<=38.45	Pass
		12	0	21.99	-0.12	19.72	<=38.45	Pass
			6	21.97	-0.12	19.70	<=38.45	Pass
			13	21.92	-0.12	19.65	<=38.45	Pass
		25	0	22.04	-0.12	19.77	<=38.45	Pass
	836.5	1	0	22.88	-0.12	20.61	<=38.45	Pass
			13	22.94	-0.12	20.67	<=38.45	Pass
			24	22.90	-0.12	20.63	<=38.45	Pass
		12	0	22.03	-0.12	19.76	<=38.45	Pass
			6	22.00	-0.12	19.73	<=38.45	Pass
			13	21.99	-0.12	19.72	<=38.45	Pass
		25	0	22.03	-0.12	19.76	<=38.45	Pass
	846.5	1	0	22.89	-0.12	20.62	<=38.45	Pass
			13	23.39	-0.12	21.12	<=38.45	Pass
			24	23.43	-0.12	21.16	<=38.45	Pass
		12	0	22.13	-0.12	19.86	<=38.45	Pass
			6	22.05	-0.12	19.78	<=38.45	Pass
			13	22.00	-0.12	19.73	<=38.45	Pass
		25	0	22.05	-0.12	19.78	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.01	-0.12	21.74	<=38.45	Pass
			25	24.10	-0.12	21.83	<=38.45	Pass
			49	24.11	-0.12	21.84	<=38.45	Pass
		25	0	23.01	-0.12	20.74	<=38.45	Pass
			13	23.07	-0.12	20.80	<=38.45	Pass
			25	22.98	-0.12	20.71	<=38.45	Pass
		50	0	23.05	-0.12	20.78	<=38.45	Pass
	836.5	1	0	24.06	-0.12	21.79	<=38.45	Pass
			25	24.11	-0.12	21.84	<=38.45	Pass
			49	24.00	-0.12	21.73	<=38.45	Pass
		25	0	23.10	-0.12	20.83	<=38.45	Pass
			13	23.08	-0.12	20.81	<=38.45	Pass
			25	23.12	-0.12	20.85	<=38.45	Pass
		50	0	23.17	-0.12	20.90	<=38.45	Pass
	844	1	0	23.57	-0.12	21.30	<=38.45	Pass
			25	23.52	-0.12	21.25	<=38.45	Pass
			49	23.48	-0.12	21.21	<=38.45	Pass
		25	0	23.12	-0.12	20.85	<=38.45	Pass
			13	23.01	-0.12	20.74	<=38.45	Pass
			25	22.94	-0.12	20.67	<=38.45	Pass
		50	0	23.07	-0.12	20.80	<=38.45	Pass
16QAM	829	1	0	23.36	-0.12	21.09	<=38.45	Pass
			25	23.46	-0.12	21.19	<=38.45	Pass
			49	23.46	-0.12	21.19	<=38.45	Pass
		12	0	23.06	-0.12	20.79	<=38.45	Pass
			19	23.13	-0.12	20.86	<=38.45	Pass
			38	23.10	-0.12	20.83	<=38.45	Pass
		27	0	22.05	-0.12	19.78	<=38.45	Pass
	836.5	1	0	23.13	-0.12	20.86	<=38.45	Pass
			25	23.04	-0.12	20.77	<=38.45	Pass
			49	22.90	-0.12	20.63	<=38.45	Pass
		12	0	23.13	-0.12	20.86	<=38.45	Pass
			19	23.11	-0.12	20.84	<=38.45	Pass
			38	23.14	-0.12	20.87	<=38.45	Pass
		27	0	22.16	-0.12	19.89	<=38.45	Pass
	844	1	0	23.08	-0.12	20.81	<=38.45	Pass
			25	23.01	-0.12	20.74	<=38.45	Pass
			49	22.93	-0.12	20.66	<=38.45	Pass
		12	0	23.10	-0.12	20.83	<=38.45	Pass
			19	23.04	-0.12	20.77	<=38.45	Pass
			38	23.02	-0.12	20.75	<=38.45	Pass
		27	23	21.84	-0.12	19.57	<=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	3.15	6.080	0.0074	-2.5 to 2.5	Pass
					3.70	3.276	0.0040	-2.5 to 2.5	Pass
					4.26	2.003	0.0024	-2.5 to 2.5	Pass
				-30	3.70	1.173	0.0014	-2.5 to 2.5	Pass
				-20	3.70	4.849	0.0059	-2.5 to 2.5	Pass
				-10	3.70	3.133	0.0038	-2.5 to 2.5	Pass
				0	3.70	-5.665	-0.0069	-2.5 to 2.5	Pass
				10	3.70	-1.302	-0.0016	-2.5 to 2.5	Pass
				30	3.70	1.173	0.0014	-2.5 to 2.5	Pass
				40	3.70	-1.845	-0.0022	-2.5 to 2.5	Pass
				50	3.70	3.834	0.0046	-2.5 to 2.5	Pass
	836.5	6	0	20	3.15	3.390	0.0041	-2.5 to 2.5	Pass
					3.70	-5.980	-0.0071	-2.5 to 2.5	Pass
					4.26	0.701	0.0008	-2.5 to 2.5	Pass
				-30	3.70	-3.619	-0.0043	-2.5 to 2.5	Pass
				-20	3.70	-7.038	-0.0084	-2.5 to 2.5	Pass
				-10	3.70	-0.515	-0.0006	-2.5 to 2.5	Pass
				0	3.70	-2.260	-0.0027	-2.5 to 2.5	Pass
				10	3.70	-6.266	-0.0075	-2.5 to 2.5	Pass
				30	3.70	2.861	0.0034	-2.5 to 2.5	Pass
				40	3.70	1.574	0.0019	-2.5 to 2.5	Pass
				50	3.70	-5.994	-0.0072	-2.5 to 2.5	Pass
	848.3	6	0	20	3.15	-4.907	-0.0058	-2.5 to 2.5	Pass
					3.70	-1.030	-0.0012	-2.5 to 2.5	Pass
					4.26	-2.990	-0.0035	-2.5 to 2.5	Pass
				-30	3.70	1.659	0.0020	-2.5 to 2.5	Pass
				-20	3.70	1.245	0.0015	-2.5 to 2.5	Pass
				-10	3.70	-1.431	-0.0017	-2.5 to 2.5	Pass
				0	3.70	-4.163	-0.0049	-2.5 to 2.5	Pass
				10	3.70	-4.220	-0.0050	-2.5 to 2.5	Pass
				30	3.70	1.287	0.0015	-2.5 to 2.5	Pass
				40	3.70	-0.043	-0.0001	-2.5 to 2.5	Pass
				50	3.70	1.159	0.0014	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.15	-1.631	-0.0020	-2.5 to 2.5	Pass
					3.70	-1.473	-0.0018	-2.5 to 2.5	Pass
					4.26	2.432	0.0029	-2.5 to 2.5	Pass
				-30	3.70	0.558	0.0007	-2.5 to 2.5	Pass
				-20	3.70	2.818	0.0034	-2.5 to 2.5	Pass
				-10	3.70	-3.219	-0.0039	-2.5 to 2.5	Pass
				0	3.70	3.433	0.0042	-2.5 to 2.5	Pass
				10	3.70	-0.186	-0.0002	-2.5 to 2.5	Pass
				30	3.70	1.559	0.0019	-2.5 to 2.5	Pass
				40	3.70	-2.933	-0.0036	-2.5 to 2.5	Pass
				50	3.70	2.131	0.0026	-2.5 to 2.5	Pass
	836.5	6	0	20	3.15	-6.423	-0.0077	-2.5 to 2.5	Pass
					3.70	-2.460	-0.0029	-2.5 to 2.5	Pass
					4.26	0.429	0.0005	-2.5 to 2.5	Pass
				-30	3.70	-1.459	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	-3.247	-0.0039	-2.5 to 2.5	Pass

				-10	3.70	0.043	0.0001	-2.5 to 2.5	Pass
				0	3.70	2.046	0.0024	-2.5 to 2.5	Pass
				10	3.70	-2.832	-0.0034	-2.5 to 2.5	Pass
				30	3.70	-1.802	-0.0022	-2.5 to 2.5	Pass
				40	3.70	3.648	0.0044	-2.5 to 2.5	Pass
				50	3.70	-0.558	-0.0007	-2.5 to 2.5	Pass
	848.3	6	0	20	3.15	-1.860	-0.0022	-2.5 to 2.5	Pass
					3.70	-2.275	-0.0027	-2.5 to 2.5	Pass
					4.26	-2.203	-0.0026	-2.5 to 2.5	Pass
				-30	3.70	-2.074	-0.0024	-2.5 to 2.5	Pass
				-20	3.70	-5.379	-0.0063	-2.5 to 2.5	Pass
				-10	3.70	3.862	0.0046	-2.5 to 2.5	Pass
				0	3.70	-2.232	-0.0026	-2.5 to 2.5	Pass
				10	3.70	1.502	0.0018	-2.5 to 2.5	Pass
				30	3.70	0.072	0.0001	-2.5 to 2.5	Pass
				40	3.70	1.373	0.0016	-2.5 to 2.5	Pass
				50	3.70	-4.048	-0.0048	-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	3.15	-5.279	-0.0064	-2.5 to 2.5	Pass
					3.70	0.687	0.0008	-2.5 to 2.5	Pass
					4.26	2.460	0.0030	-2.5 to 2.5	Pass
				-30	3.70	-0.272	-0.0003	-2.5 to 2.5	Pass
				-20	3.70	-6.409	-0.0078	-2.5 to 2.5	Pass
				-10	3.70	3.920	0.0047	-2.5 to 2.5	Pass
				0	3.70	2.260	0.0027	-2.5 to 2.5	Pass
				10	3.70	1.144	0.0014	-2.5 to 2.5	Pass
				30	3.70	3.548	0.0043	-2.5 to 2.5	Pass
				40	3.70	-0.944	-0.0011	-2.5 to 2.5	Pass
				50	3.70	1.788	0.0022	-2.5 to 2.5	Pass
	836.5	15	0	20	3.15	-4.907	-0.0059	-2.5 to 2.5	Pass
					3.70	-0.558	-0.0007	-2.5 to 2.5	Pass
					4.26	-2.875	-0.0034	-2.5 to 2.5	Pass
				-30	3.70	-3.548	-0.0042	-2.5 to 2.5	Pass
				-20	3.70	-7.381	-0.0088	-2.5 to 2.5	Pass
				-10	3.70	-1.044	-0.0012	-2.5 to 2.5	Pass
				0	3.70	0.515	0.0006	-2.5 to 2.5	Pass
				10	3.70	-0.715	-0.0009	-2.5 to 2.5	Pass
				30	3.70	-1.101	-0.0013	-2.5 to 2.5	Pass
				40	3.70	-0.186	-0.0002	-2.5 to 2.5	Pass
				50	3.70	1.845	0.0022	-2.5 to 2.5	Pass
	847.5	15	0	20	3.15	4.020	0.0047	-2.5 to 2.5	Pass
					3.70	3.176	0.0037	-2.5 to 2.5	Pass
					4.26	1.802	0.0021	-2.5 to 2.5	Pass
				-30	3.70	0.386	0.0005	-2.5 to 2.5	Pass
				-20	3.70	4.435	0.0052	-2.5 to 2.5	Pass
				-10	3.70	1.445	0.0017	-2.5 to 2.5	Pass
				0	3.70	1.216	0.0014	-2.5 to 2.5	Pass
				10	3.70	-4.649	-0.0055	-2.5 to 2.5	Pass
				30	3.70	2.675	0.0032	-2.5 to 2.5	Pass
				40	3.70	-1.645	-0.0019	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.15	5.894	0.0071	-2.5 to 2.5	Pass
					3.70	5.693	0.0069	-2.5 to 2.5	Pass
					4.26	-4.592	-0.0056	-2.5 to 2.5	Pass
				-30	3.70	1.388	0.0017	-2.5 to 2.5	Pass
				-20	3.70	-4.020	-0.0049	-2.5 to 2.5	Pass
				-10	3.70	-0.157	-0.0002	-2.5 to 2.5	Pass
				0	3.70	-1.159	-0.0014	-2.5 to 2.5	Pass
				10	3.70	1.602	0.0019	-2.5 to 2.5	Pass
				30	3.70	4.034	0.0049	-2.5 to 2.5	Pass
				40	3.70	-5.322	-0.0064	-2.5 to 2.5	Pass
				50	3.70	3.576	0.0043	-2.5 to 2.5	Pass
	836.5	15	0	20	3.15	-3.705	-0.0044	-2.5 to 2.5	Pass
					3.70	-2.832	-0.0034	-2.5 to 2.5	Pass
					4.26	2.017	0.0024	-2.5 to 2.5	Pass
				-30	3.70	-1.960	-0.0023	-2.5 to 2.5	Pass
				-20	3.70	1.245	0.0015	-2.5 to 2.5	Pass
				-10	3.70	-7.524	-0.0090	-2.5 to 2.5	Pass
				0	3.70	-1.245	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-3.304	-0.0039	-2.5 to 2.5	Pass
				30	3.70	-5.350	-0.0064	-2.5 to 2.5	Pass
				40	3.70	-2.675	-0.0032	-2.5 to 2.5	Pass

				50	3.70	4.191	0.0050	-2.5 to 2.5	Pass
	847.5	15	0	20	3.15	-0.730	-0.0009	-2.5 to 2.5	Pass
					3.70	-0.257	-0.0003	-2.5 to 2.5	Pass
					4.26	-0.787	-0.0009	-2.5 to 2.5	Pass
					-30	3.70	4.978	0.0059	-2.5 to 2.5
				-20	3.70	-1.945	-0.0023	-2.5 to 2.5	Pass
				-10	3.70	-1.445	-0.0017	-2.5 to 2.5	Pass
				0	3.70	4.263	0.0050	-2.5 to 2.5	Pass
				10	3.70	-0.672	-0.0008	-2.5 to 2.5	Pass
				30	3.70	-3.090	-0.0036	-2.5 to 2.5	Pass
				40	3.70	-2.532	-0.0030	-2.5 to 2.5	Pass
				50	3.70	0.701	0.0008	-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	3.15	0.386	0.0005	-2.5 to 2.5	Pass
					3.70	1.674	0.0020	-2.5 to 2.5	Pass
					4.26	-2.575	-0.0031	-2.5 to 2.5	Pass
				-30	3.70	1.616	0.0020	-2.5 to 2.5	Pass
				-20	3.70	-1.702	-0.0021	-2.5 to 2.5	Pass
				-10	3.70	-0.443	-0.0005	-2.5 to 2.5	Pass
				0	3.70	0.086	0.0001	-2.5 to 2.5	Pass
				10	3.70	0.057	0.0001	-2.5 to 2.5	Pass
				30	3.70	2.174	0.0026	-2.5 to 2.5	Pass
				40	3.70	2.732	0.0033	-2.5 to 2.5	Pass
				50	3.70	-0.629	-0.0008	-2.5 to 2.5	Pass
	836.5	25	0	20	3.15	-0.057	-0.0001	-2.5 to 2.5	Pass
					3.70	2.246	0.0027	-2.5 to 2.5	Pass
					4.26	0.329	0.0004	-2.5 to 2.5	Pass
				-30	3.70	-3.333	-0.0040	-2.5 to 2.5	Pass
				-20	3.70	-2.618	-0.0031	-2.5 to 2.5	Pass
				-10	3.70	-4.048	-0.0048	-2.5 to 2.5	Pass
				0	3.70	0.386	0.0005	-2.5 to 2.5	Pass
				10	3.70	-3.061	-0.0037	-2.5 to 2.5	Pass
				30	3.70	2.260	0.0027	-2.5 to 2.5	Pass
				40	3.70	-2.217	-0.0027	-2.5 to 2.5	Pass
				50	3.70	-3.161	-0.0038	-2.5 to 2.5	Pass
	846.5	25	0	20	3.15	-3.362	-0.0040	-2.5 to 2.5	Pass
					3.70	-0.958	-0.0011	-2.5 to 2.5	Pass
					4.26	-0.801	-0.0009	-2.5 to 2.5	Pass
				-30	3.70	-1.273	-0.0015	-2.5 to 2.5	Pass
				-20	3.70	-1.602	-0.0019	-2.5 to 2.5	Pass
				-10	3.70	-4.249	-0.0050	-2.5 to 2.5	Pass
				0	3.70	-0.415	-0.0005	-2.5 to 2.5	Pass
				10	3.70	-4.234	-0.0050	-2.5 to 2.5	Pass
				30	3.70	0.401	0.0005	-2.5 to 2.5	Pass
				40	3.70	-6.094	-0.0072	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.15	2.747	0.0033	-2.5 to 2.5	Pass
					3.70	-0.658	-0.0008	-2.5 to 2.5	Pass
					4.26	3.576	0.0043	-2.5 to 2.5	Pass
				-30	3.70	-1.245	-0.0015	-2.5 to 2.5	Pass
				-20	3.70	-1.416	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	-0.372	-0.0005	-2.5 to 2.5	Pass
				0	3.70	0.658	0.0008	-2.5 to 2.5	Pass
				10	3.70	2.117	0.0026	-2.5 to 2.5	Pass
				30	3.70	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	3.70	-1.988	-0.0024	-2.5 to 2.5	Pass
				50	3.70	-0.472	-0.0006	-2.5 to 2.5	Pass
	836.5	25	0	20	3.15	-1.116	-0.0013	-2.5 to 2.5	Pass
					3.70	-3.920	-0.0047	-2.5 to 2.5	Pass
					4.26	2.017	0.0024	-2.5 to 2.5	Pass
				-30	3.70	-1.388	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	1.373	0.0016	-2.5 to 2.5	Pass
				-10	3.70	-6.981	-0.0083	-2.5 to 2.5	Pass
				0	3.70	1.645	0.0020	-2.5 to 2.5	Pass
				10	3.70	1.302	0.0016	-2.5 to 2.5	Pass
				30	3.70	-2.275	-0.0027	-2.5 to 2.5	Pass
				40	3.70	0.787	0.0009	-2.5 to 2.5	Pass

	846.5	25	0	50	3.70	-0.043	-0.0001	-2.5 to 2.5	Pass
				20	3.15	-0.787	-0.0009	-2.5 to 2.5	Pass
					3.70	-0.343	-0.0004	-2.5 to 2.5	Pass
					4.26	-0.486	-0.0006	-2.5 to 2.5	Pass
				-30	3.70	-6.294	-0.0074	-2.5 to 2.5	Pass
				-20	3.70	1.788	0.0021	-2.5 to 2.5	Pass
				-10	3.70	-1.745	-0.0021	-2.5 to 2.5	Pass
				0	3.70	-0.744	-0.0009	-2.5 to 2.5	Pass
				10	3.70	-3.691	-0.0044	-2.5 to 2.5	Pass
				30	3.70	1.016	0.0012	-2.5 to 2.5	Pass
				40	3.70	-1.903	-0.0022	-2.5 to 2.5	Pass
				50	3.70	-2.975	-0.0035	-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	3.15	-2.060	-0.0025	-2.5 to 2.5	Pass
					3.70	-0.229	-0.0003	-2.5 to 2.5	Pass
					4.26	-0.958	-0.0012	-2.5 to 2.5	Pass
				-30	3.70	0.801	0.0010	-2.5 to 2.5	Pass
				-20	3.70	-0.157	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	0.358	0.0004	-2.5 to 2.5	Pass
				0	3.70	0.672	0.0008	-2.5 to 2.5	Pass
				10	3.70	1.016	0.0012	-2.5 to 2.5	Pass
				30	3.70	-0.257	-0.0003	-2.5 to 2.5	Pass
				40	3.70	2.546	0.0031	-2.5 to 2.5	Pass
				50	3.70	-1.073	-0.0013	-2.5 to 2.5	Pass
	836.5	50	0	20	3.15	-2.432	-0.0029	-2.5 to 2.5	Pass
					3.70	-0.744	-0.0009	-2.5 to 2.5	Pass
					4.26	0.944	0.0011	-2.5 to 2.5	Pass
				-30	3.70	-1.388	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	-1.559	-0.0019	-2.5 to 2.5	Pass
				-10	3.70	-2.961	-0.0035	-2.5 to 2.5	Pass
				0	3.70	-1.216	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-3.405	-0.0041	-2.5 to 2.5	Pass
				30	3.70	-0.772	-0.0009	-2.5 to 2.5	Pass
				40	3.70	-1.616	-0.0019	-2.5 to 2.5	Pass
				50	3.70	-3.133	-0.0037	-2.5 to 2.5	Pass
	844	50	0	20	3.15	-1.030	-0.0012	-2.5 to 2.5	Pass
					3.70	0.973	0.0012	-2.5 to 2.5	Pass
					4.26	-1.144	-0.0014	-2.5 to 2.5	Pass
				-30	3.70	-2.475	-0.0029	-2.5 to 2.5	Pass
				-20	3.70	-0.701	-0.0008	-2.5 to 2.5	Pass
				-10	3.70	-2.232	-0.0026	-2.5 to 2.5	Pass
				0	3.70	-0.787	-0.0009	-2.5 to 2.5	Pass
				10	3.70	0.257	0.0003	-2.5 to 2.5	Pass
				30	3.70	-1.359	-0.0016	-2.5 to 2.5	Pass
				40	3.70	-3.533	-0.0042	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.15	-1.874	-0.0023	-2.5 to 2.5	Pass
					3.70	0.072	0.0001	-2.5 to 2.5	Pass
					4.26	2.875	0.0035	-2.5 to 2.5	Pass
				-30	3.70	-3.834	-0.0046	-2.5 to 2.5	Pass
				-20	3.70	0.701	0.0008	-2.5 to 2.5	Pass
				-10	3.70	-1.202	-0.0014	-2.5 to 2.5	Pass
				0	3.70	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.70	3.190	0.0038	-2.5 to 2.5	Pass
				30	3.70	0.973	0.0012	-2.5 to 2.5	Pass
				40	3.70	1.531	0.0018	-2.5 to 2.5	Pass
				50	3.70	-3.176	-0.0038	-2.5 to 2.5	Pass
	836.5	27	0	20	3.15	-4.191	-0.0050	-2.5 to 2.5	Pass
					3.70	0.472	0.0006	-2.5 to 2.5	Pass
					4.26	-1.159	-0.0014	-2.5 to 2.5	Pass
				-30	3.70	-4.921	-0.0059	-2.5 to 2.5	Pass
				-20	3.70	-2.131	-0.0025	-2.5 to 2.5	Pass
				-10	3.70	-5.107	-0.0061	-2.5 to 2.5	Pass
				0	3.70	-1.659	-0.0020	-2.5 to 2.5	Pass
				10	3.70	0.687	0.0008	-2.5 to 2.5	Pass
				30	3.70	-0.916	-0.0011	-2.5 to 2.5	Pass
				40	3.70	-5.078	-0.0061	-2.5 to 2.5	Pass

				50	3.70	-4.220	-0.0050	-2.5 to 2.5	Pass
	844	27	23	20	3.15	-0.787	-0.0009	-2.5 to 2.5	Pass
					3.70	-0.043	-0.0001	-2.5 to 2.5	Pass
					4.26	0.014	0.0000	-2.5 to 2.5	Pass
					-30	3.70	0.973	0.0012	-2.5 to 2.5
				-20	3.70	0.858	0.0010	-2.5 to 2.5	Pass
				-10	3.70	-0.343	-0.0004	-2.5 to 2.5	Pass
				0	3.70	-0.916	-0.0011	-2.5 to 2.5	Pass
				10	3.70	-3.405	-0.0040	-2.5 to 2.5	Pass
				30	3.70	-4.349	-0.0052	-2.5 to 2.5	Pass
				40	3.70	-1.202	-0.0014	-2.5 to 2.5	Pass
				50	3.70	3.076	0.0036	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / 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

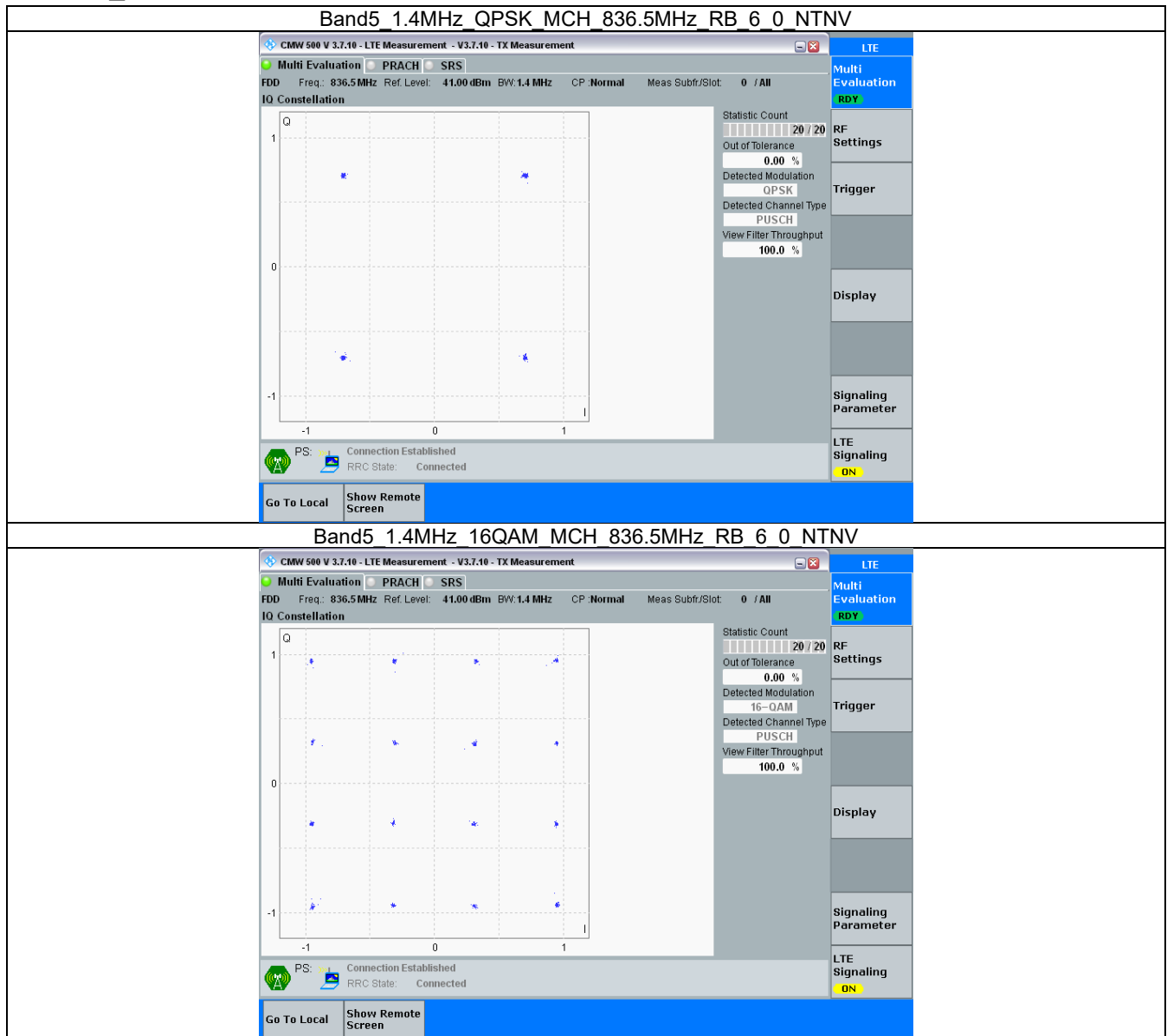
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

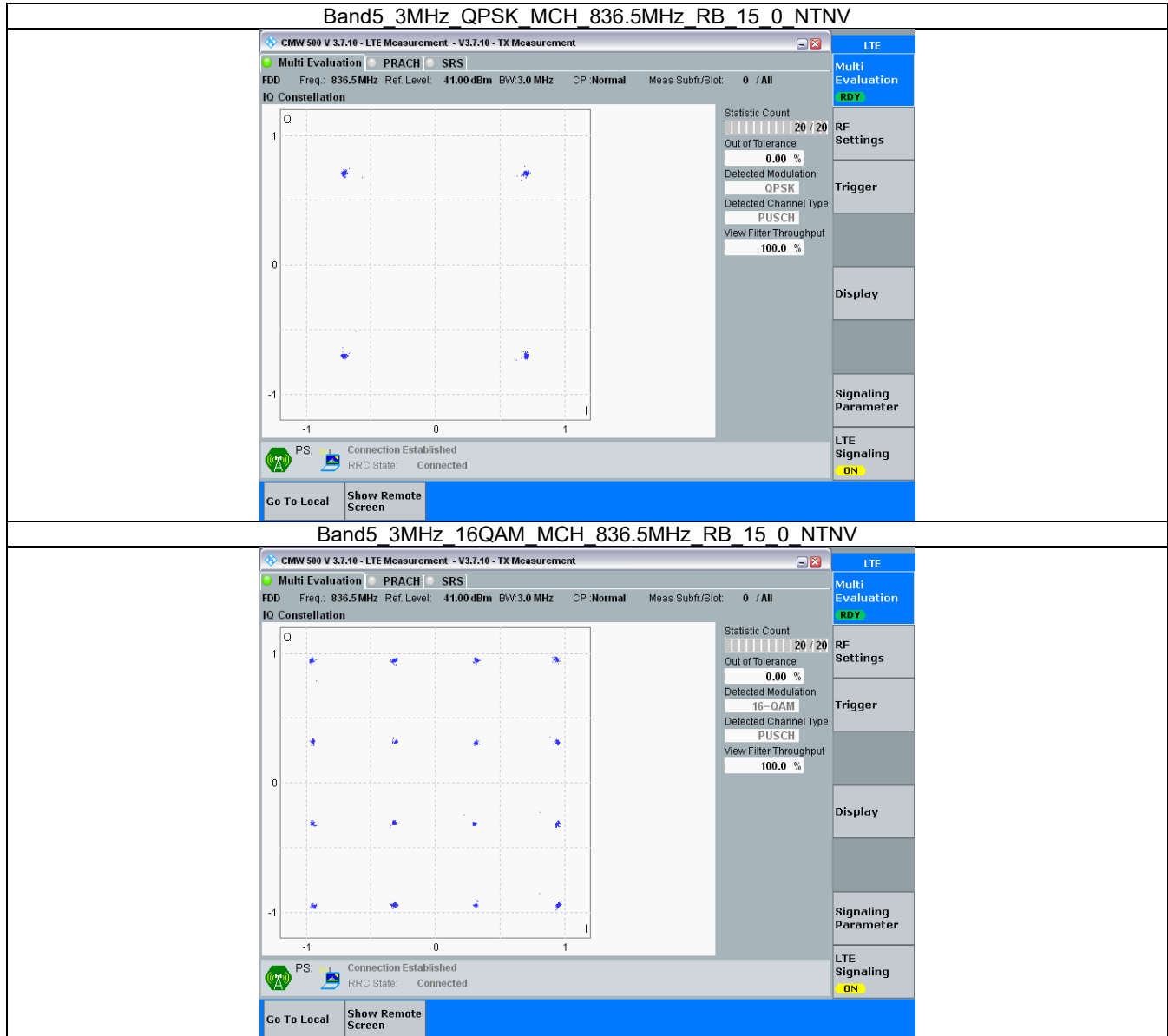
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

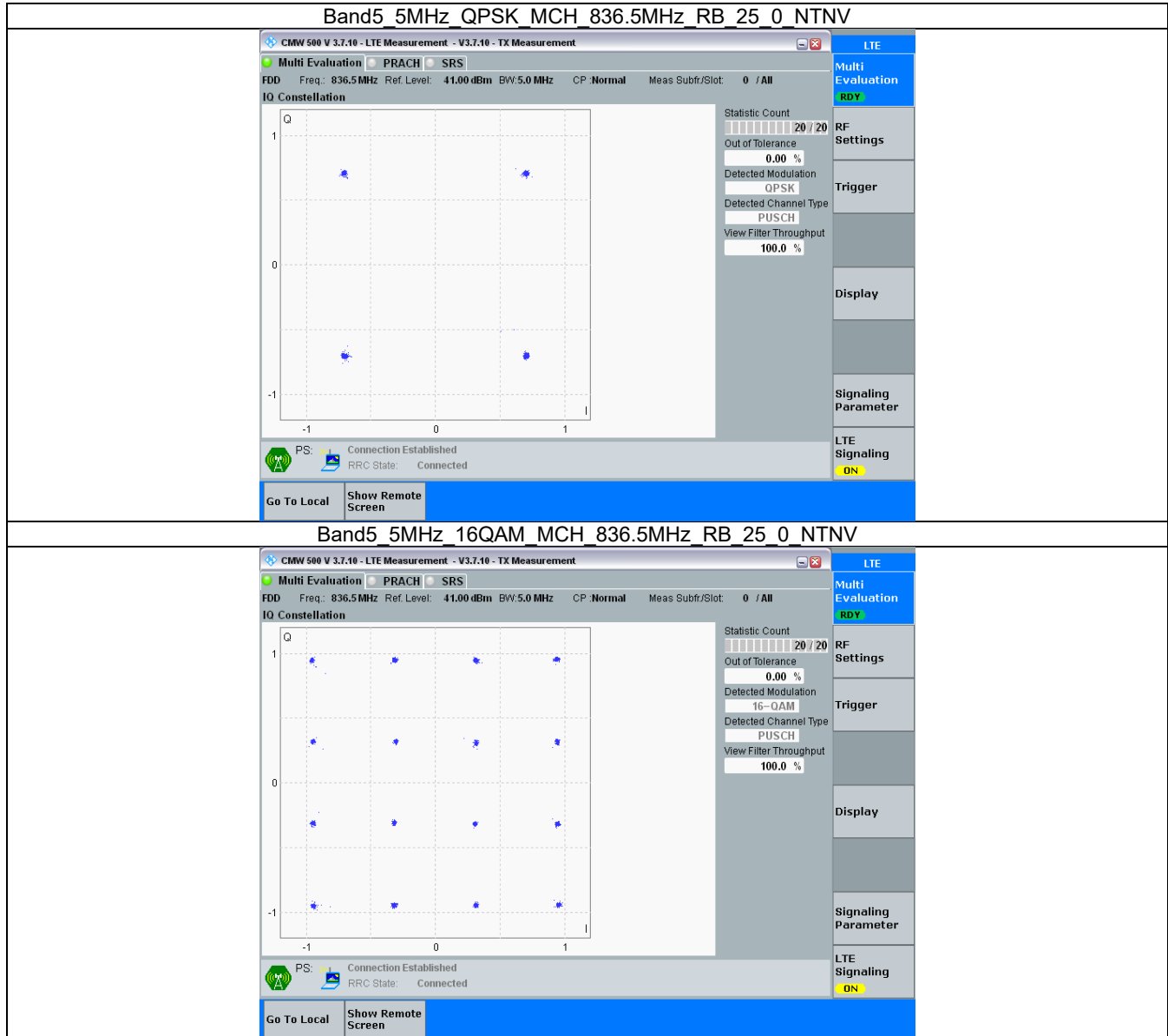
3.2.1 B5_1.4MHz



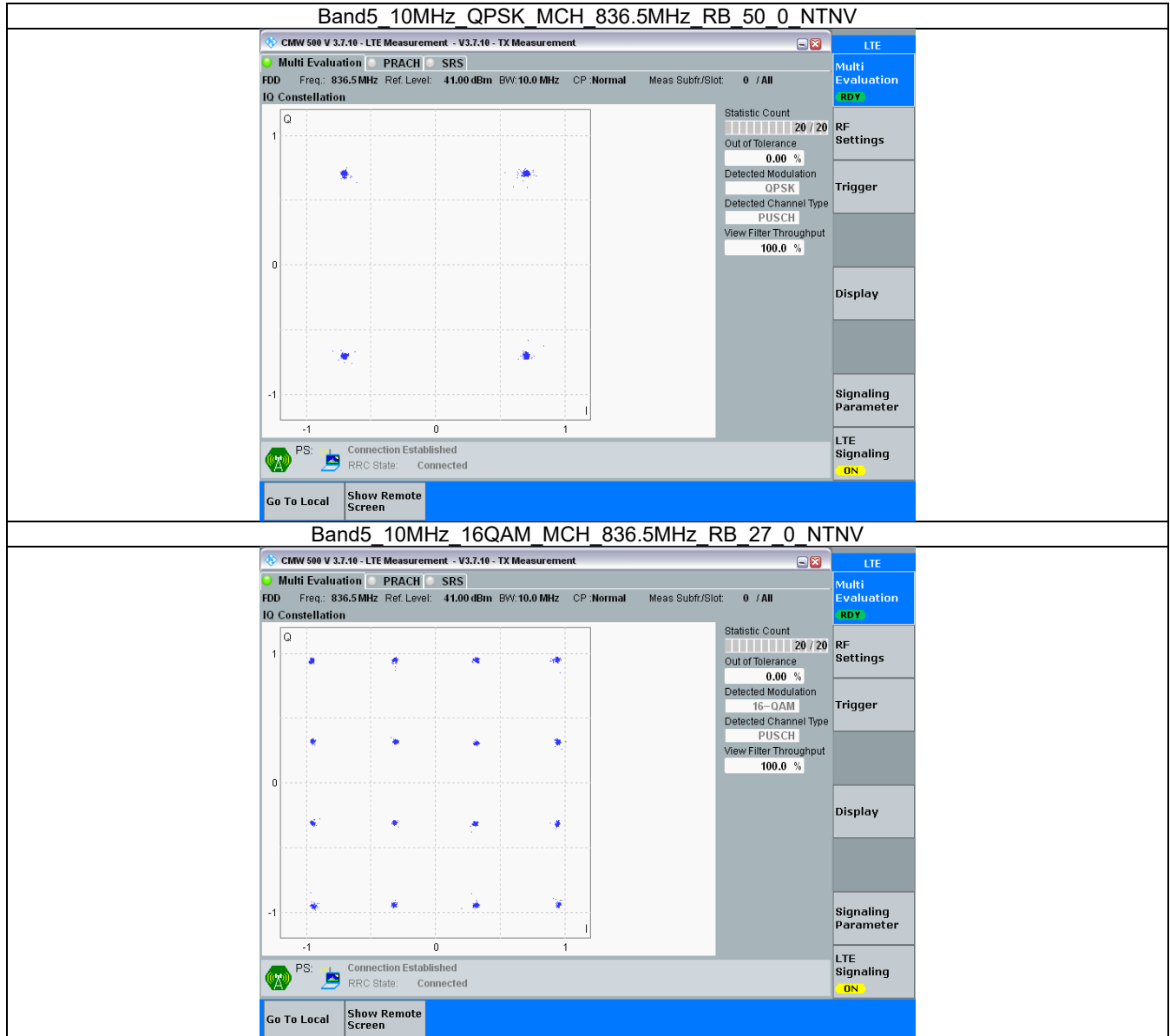
3.2.2 B5_3MHz



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	1.107	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.111	/	Pass
	16QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.106	/	Pass
3	QPSK	825.5	15	0	2.733	/	Pass
		836.5	15	0	2.737	/	Pass
		847.5	15	0	2.733	/	Pass
	16QAM	825.5	15	0	2.725	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.724	/	Pass
5	QPSK	826.5	25	0	4.540	/	Pass
		836.5	25	0	4.544	/	Pass
		846.5	25	0	4.559	/	Pass
	16QAM	826.5	25	0	4.543	/	Pass
		836.5	25	0	4.563	/	Pass
		846.5	25	0	4.544	/	Pass
10	QPSK	829	50	0	9.055	/	Pass
		836.5	50	0	9.043	/	Pass
		844	50	0	9.056	/	Pass
	16QAM	829	27	0	5.100	/	Pass
		836.5	27	0	5.059	/	Pass
		844	27	23	5.121	/	Pass

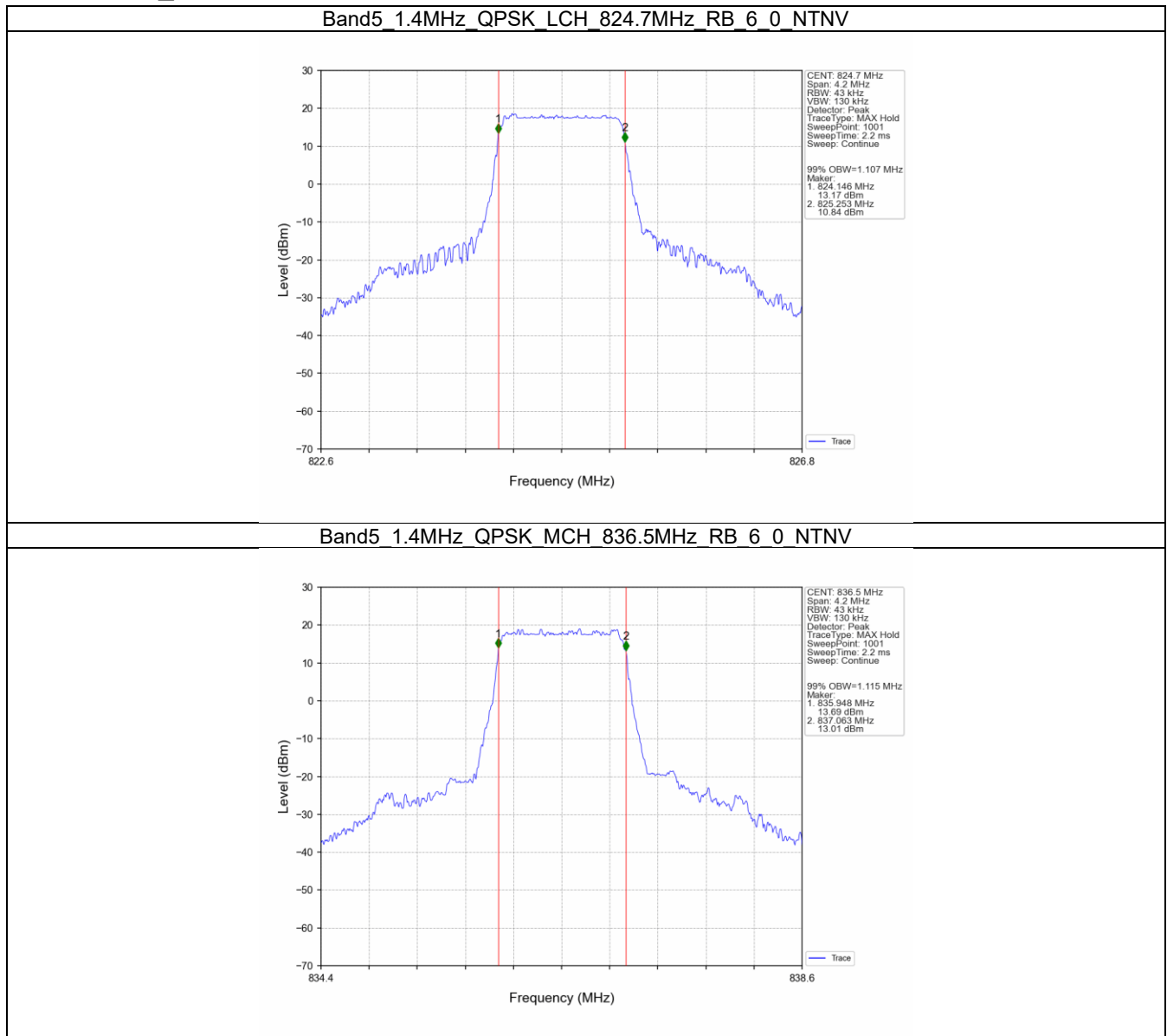
4.1.2 Band5_XDB

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	1.324	/	Pass
		836.5	6	0	1.311	/	Pass
		848.3	6	0	1.332	/	Pass
	16QAM	824.7	6	0	1.321	/	Pass
		836.5	6	0	1.331	/	Pass
		848.3	6	0	1.306	/	Pass
3	QPSK	825.5	15	0	3.013	/	Pass
		836.5	15	0	3.003	/	Pass
		847.5	15	0	3.011	/	Pass
	16QAM	825.5	15	0	3.023	/	Pass
		836.5	15	0	3.029	/	Pass
		847.5	15	0	2.996	/	Pass
5	QPSK	826.5	25	0	5.027	/	Pass
		836.5	25	0	5.059	/	Pass
		846.5	25	0	5.057	/	Pass
	16QAM	826.5	25	0	5.044	/	Pass
		836.5	25	0	5.084	/	Pass
		846.5	25	0	5.061	/	Pass
10	QPSK	829	50	0	9.956	/	Pass

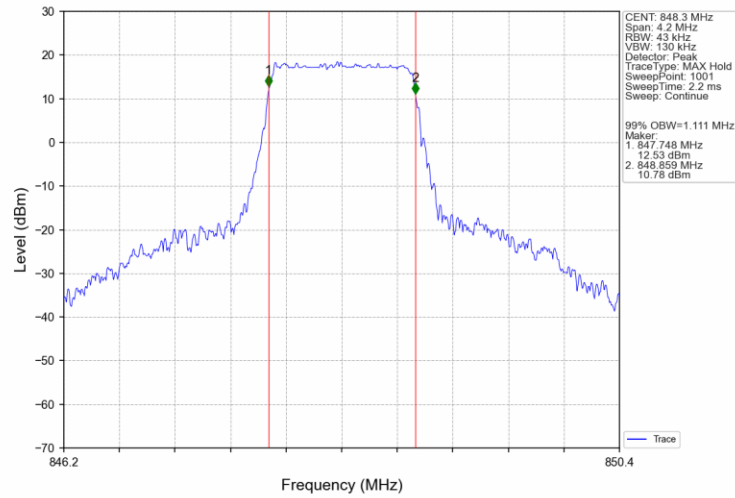
		836.5	50	0	9.976	/	Pass
		844	50	0	9.950	/	Pass
	16QAM	829	27	0	6.138	/	Pass
		836.5	27	0	6.075	/	Pass
		844	27	23	6.234	/	Pass

4.2 Test Graph

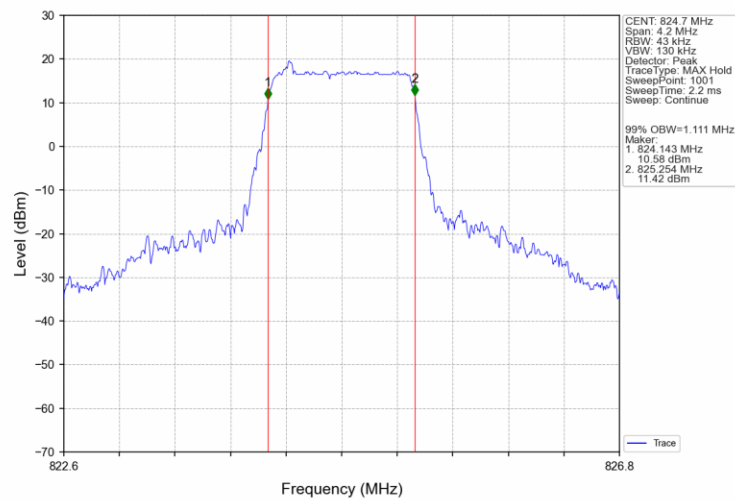
4.2.1 Band5_OBW



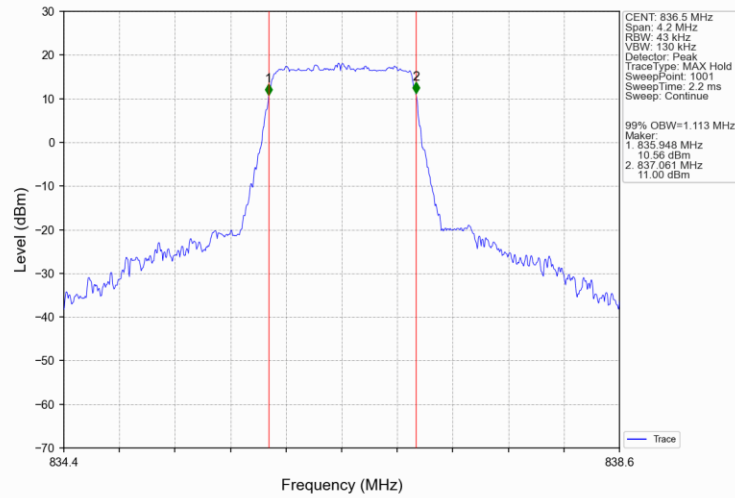
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



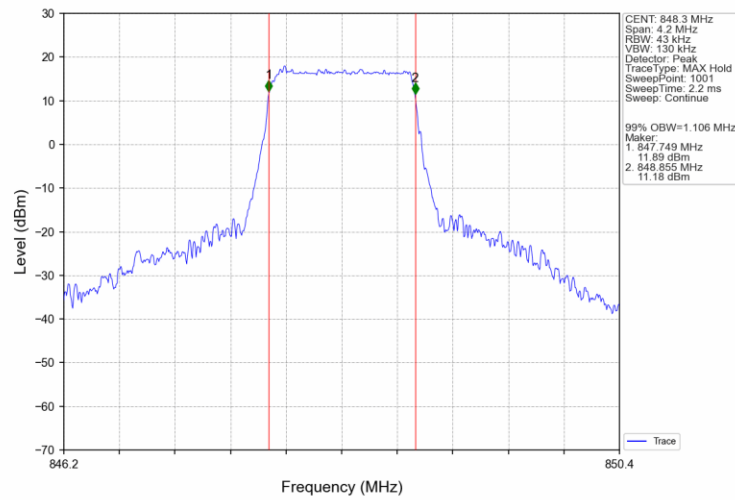
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



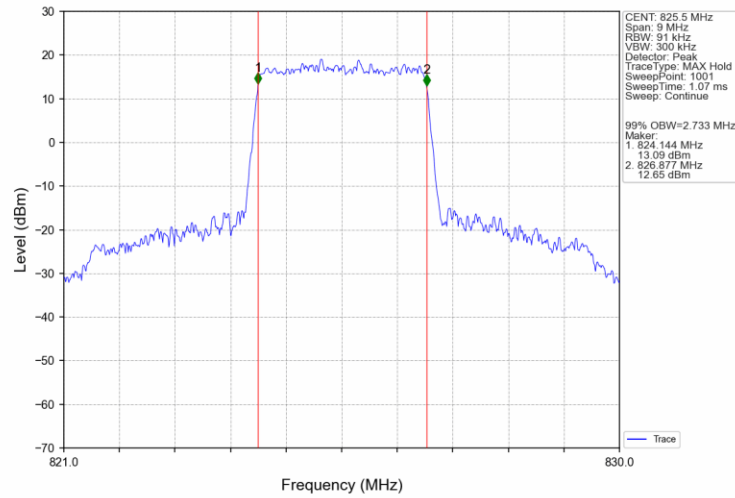
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



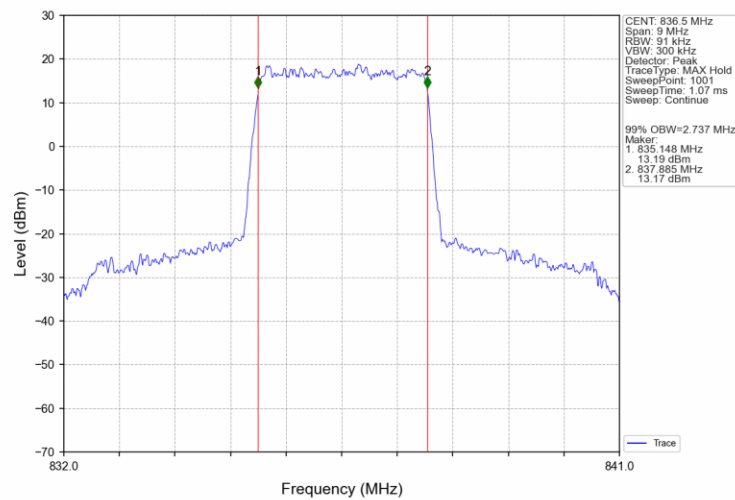
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



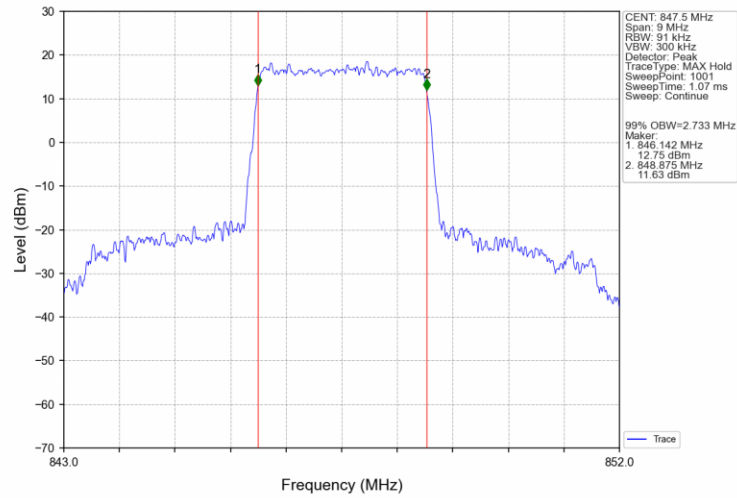
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



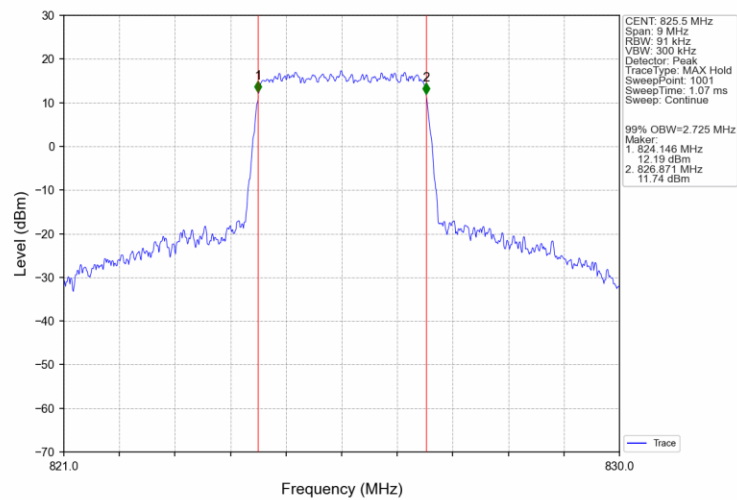
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



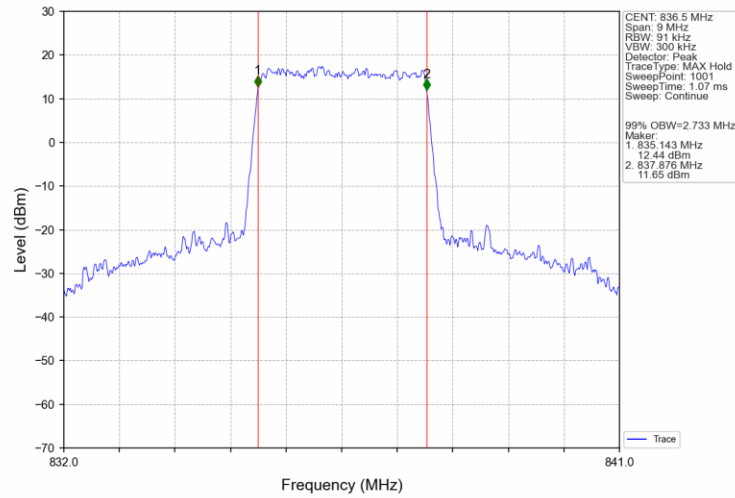
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



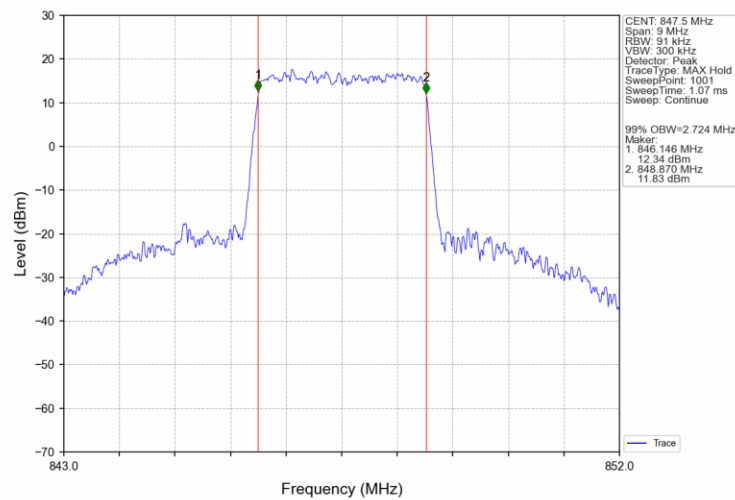
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



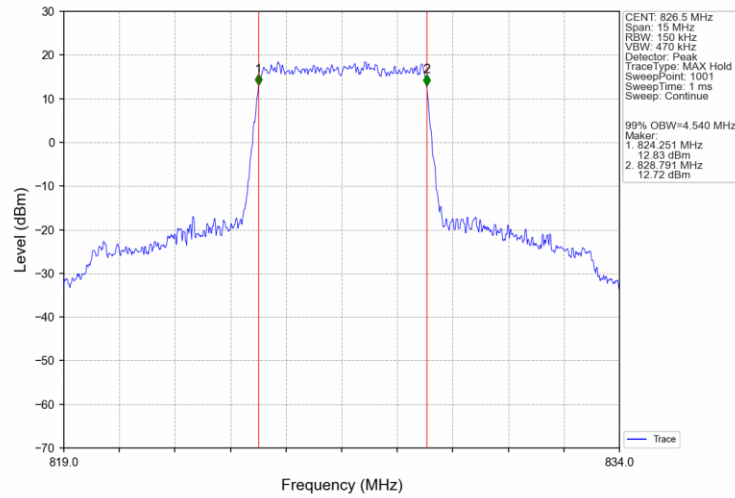
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



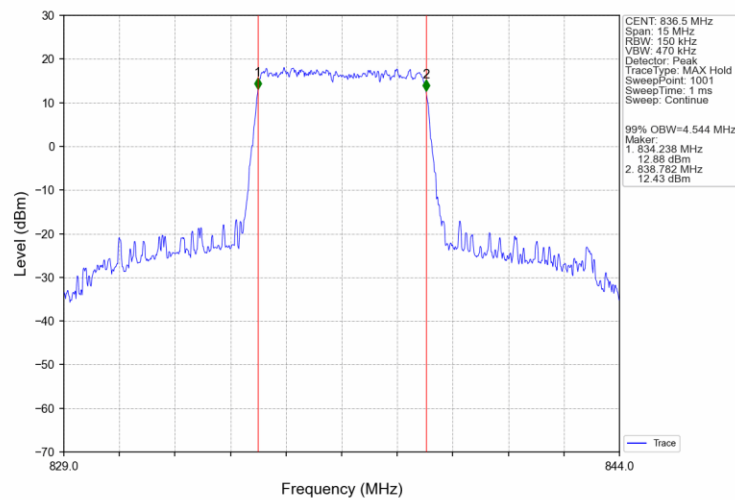
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



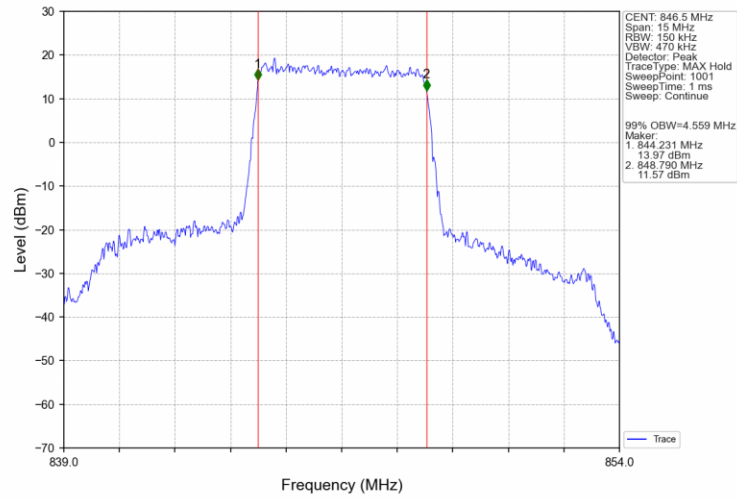
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



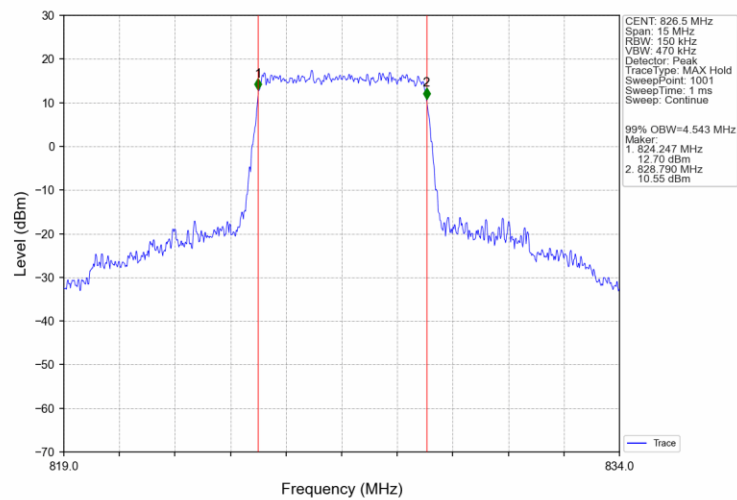
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



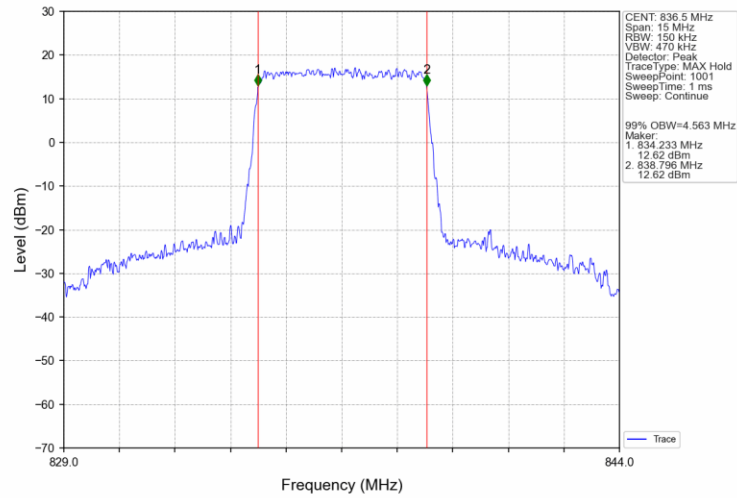
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



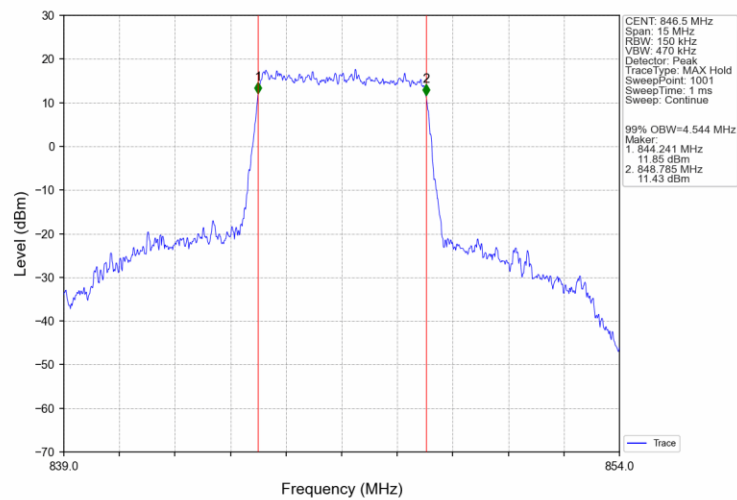
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



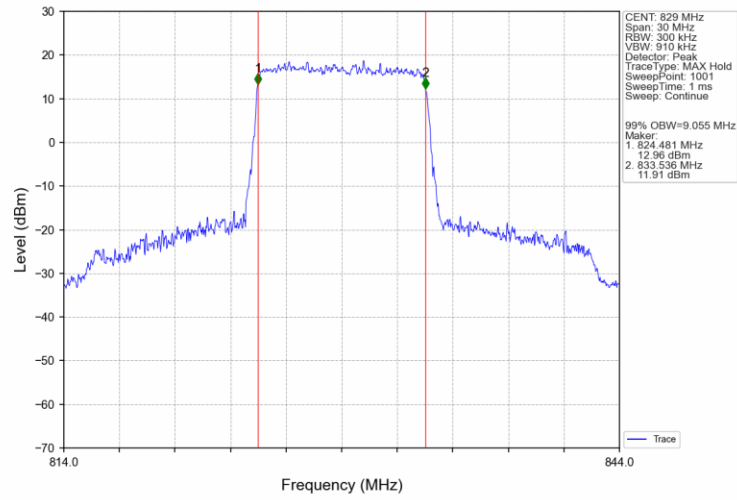
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



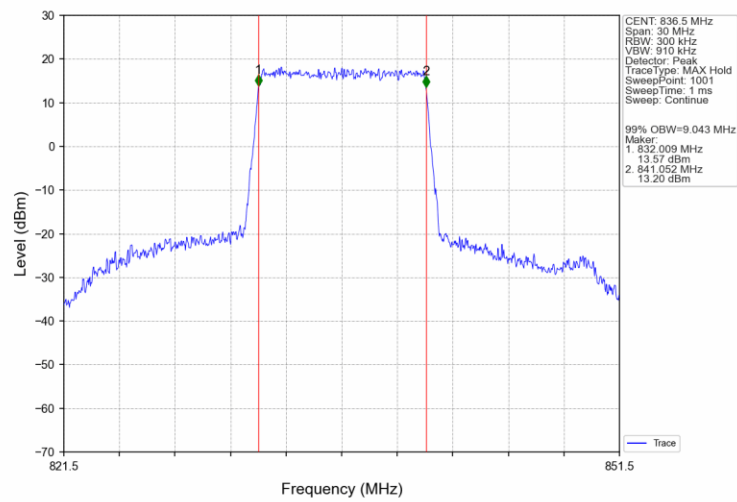
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



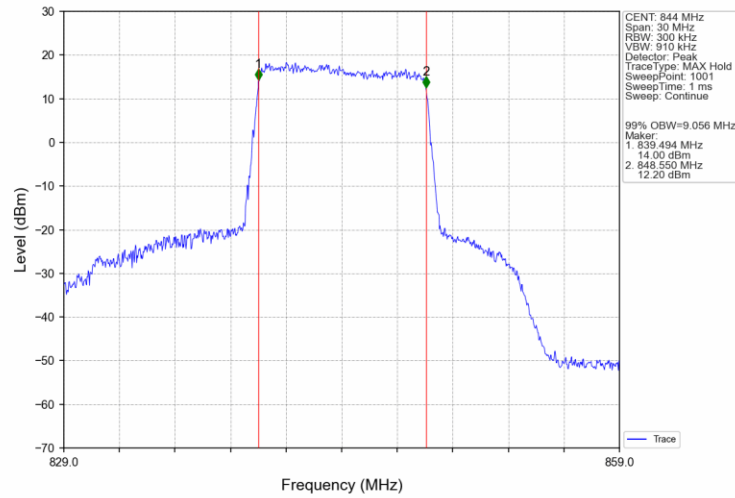
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



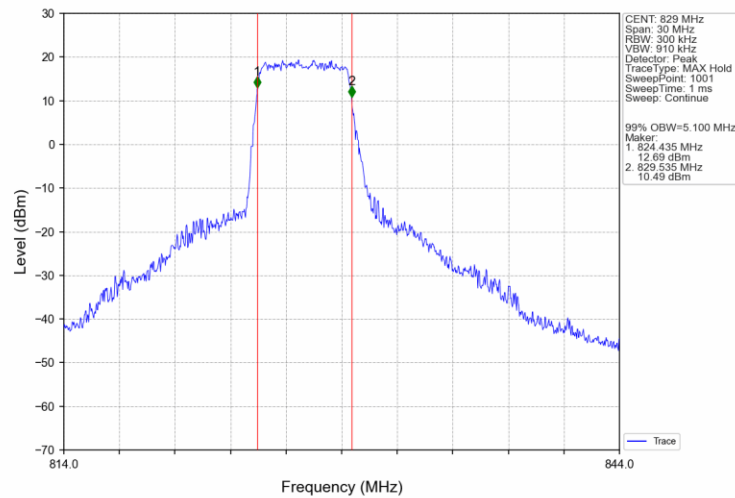
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



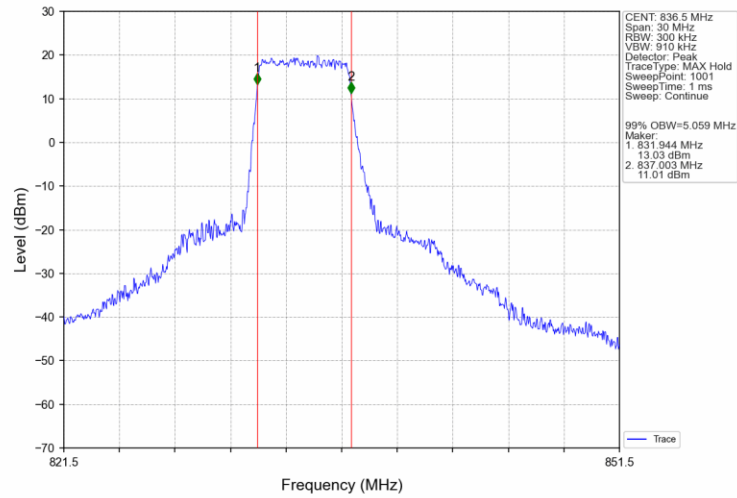
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



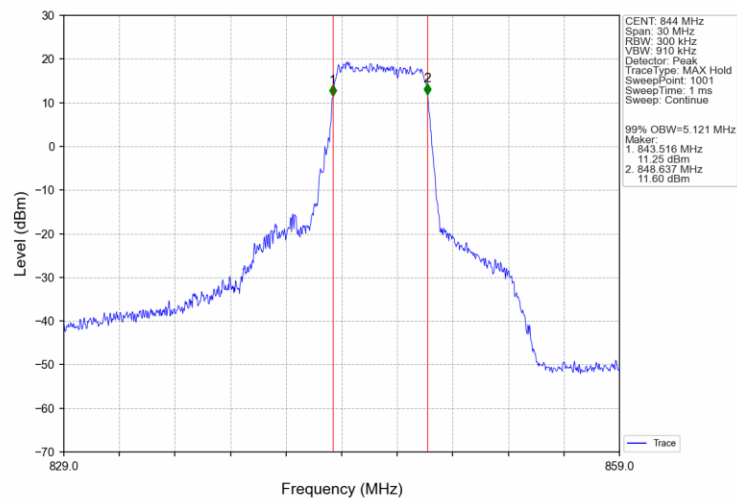
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

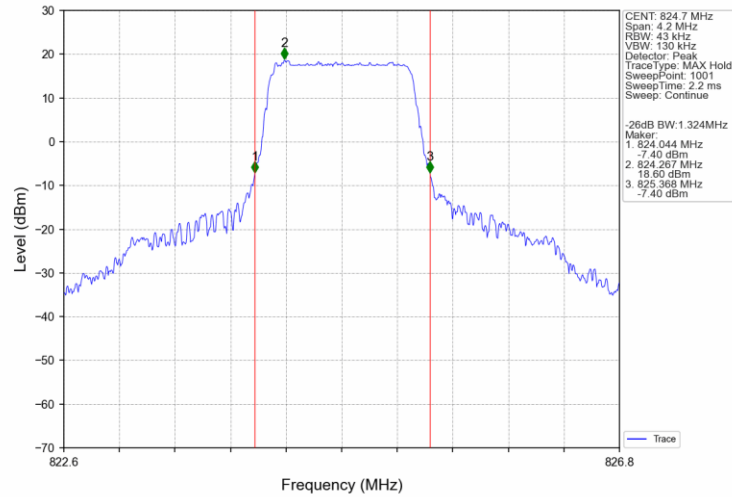


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

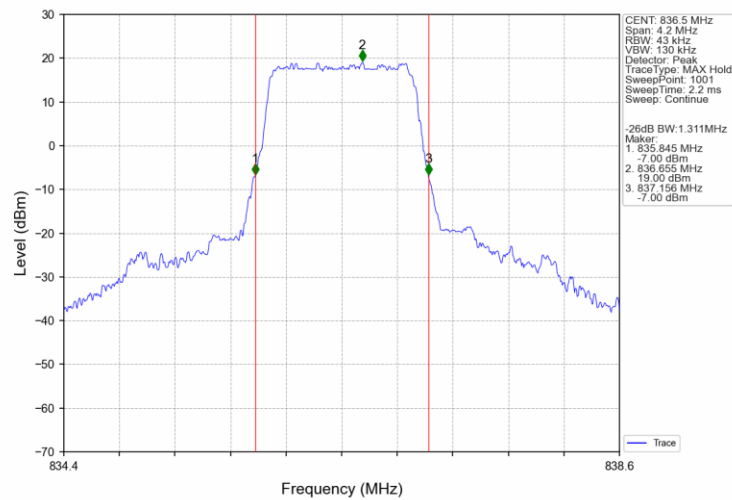


4.2.2 Band5_XDB

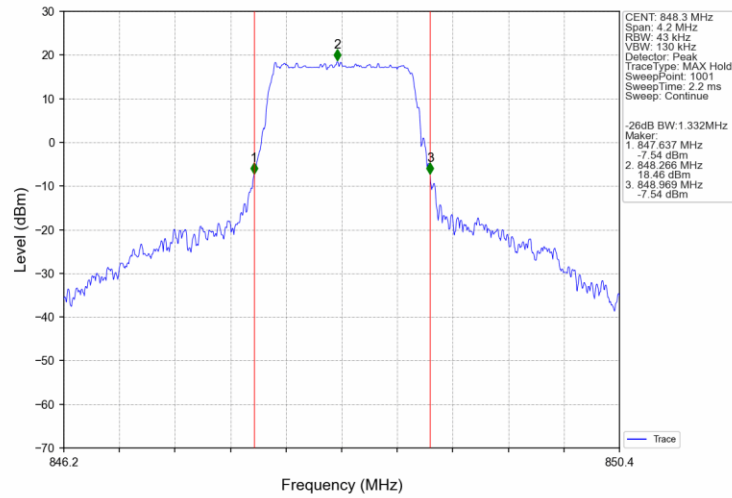
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



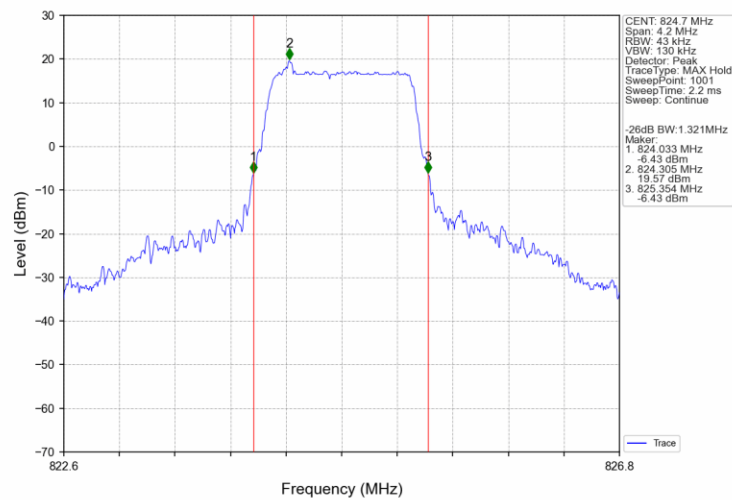
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



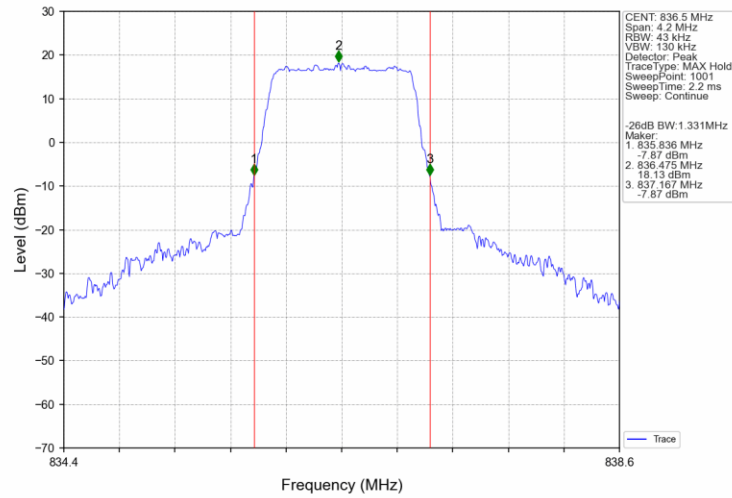
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



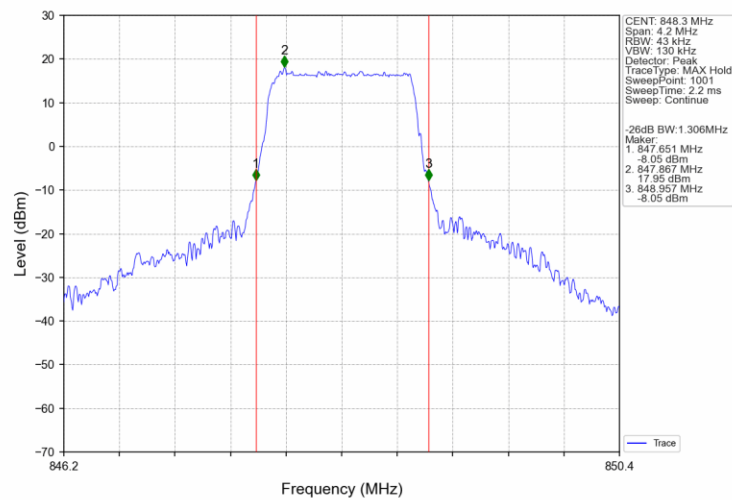
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



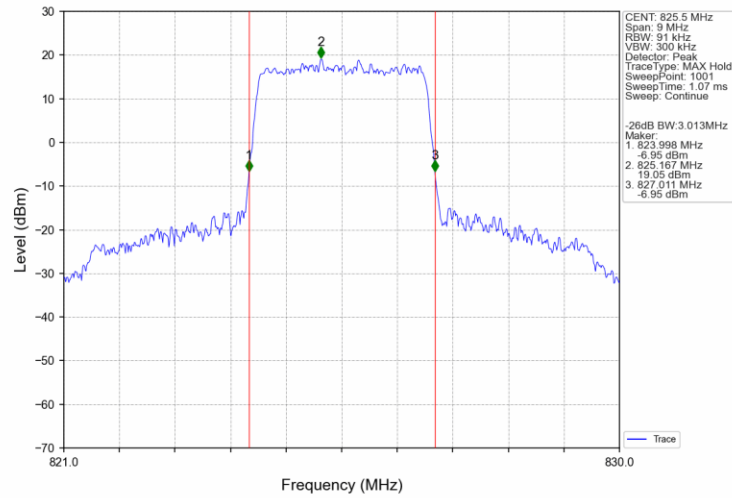
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



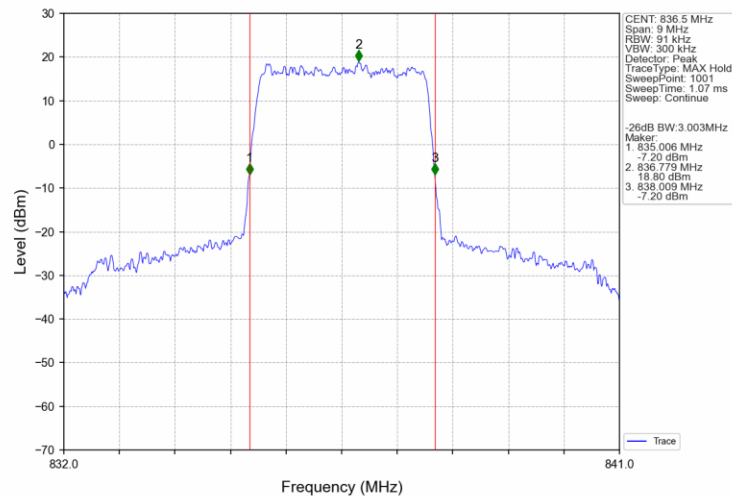
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



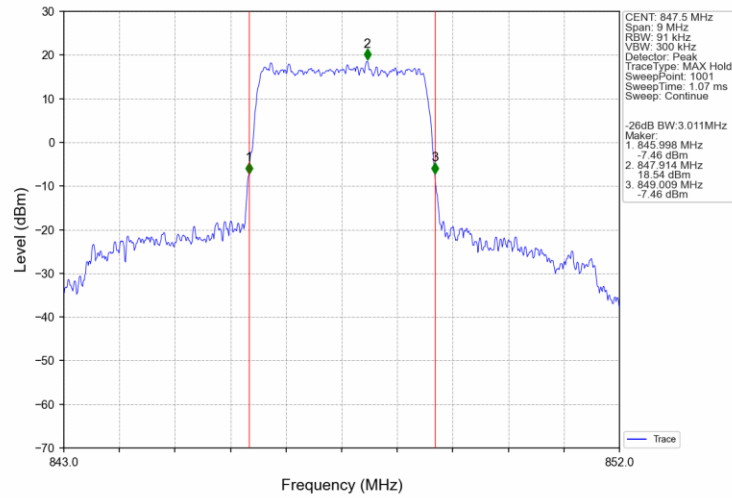
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



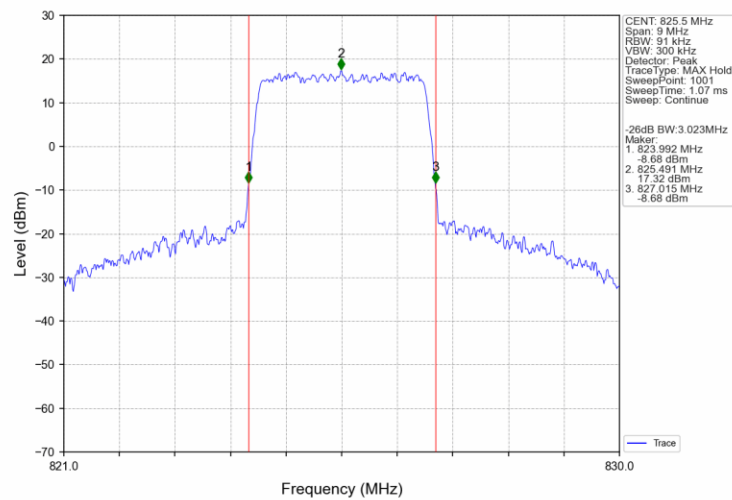
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



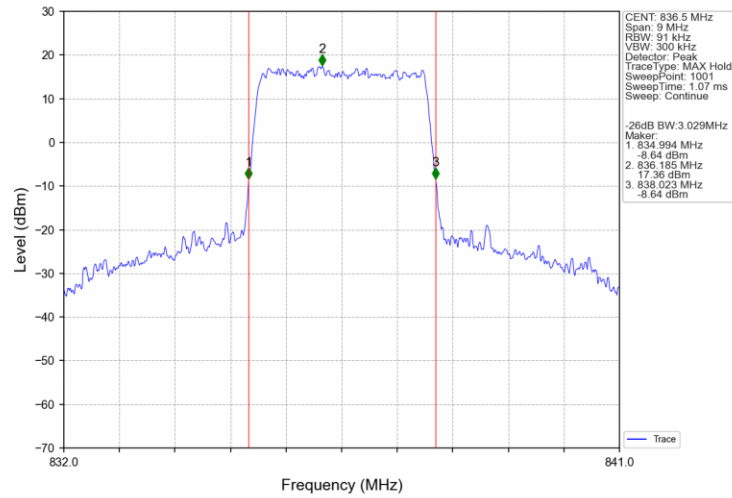
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



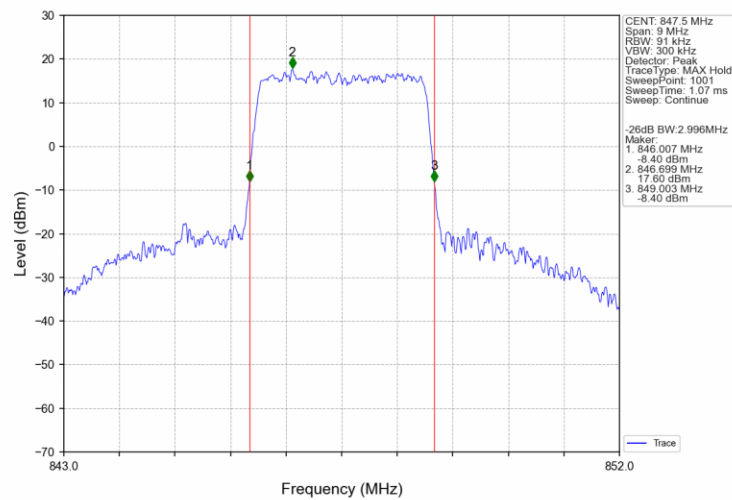
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



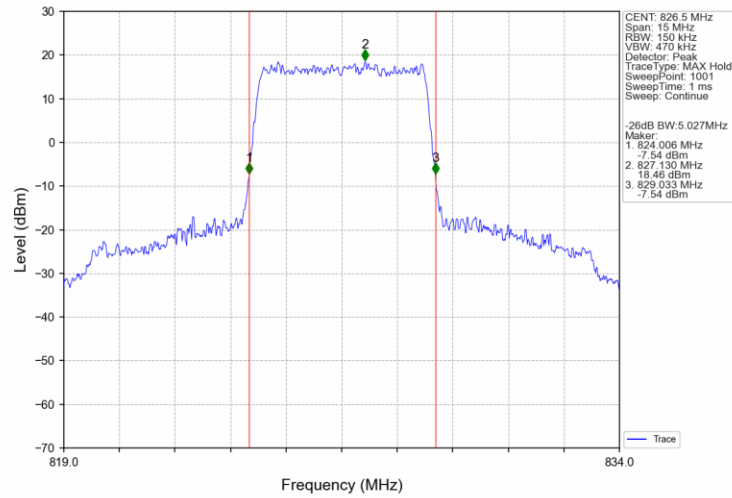
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



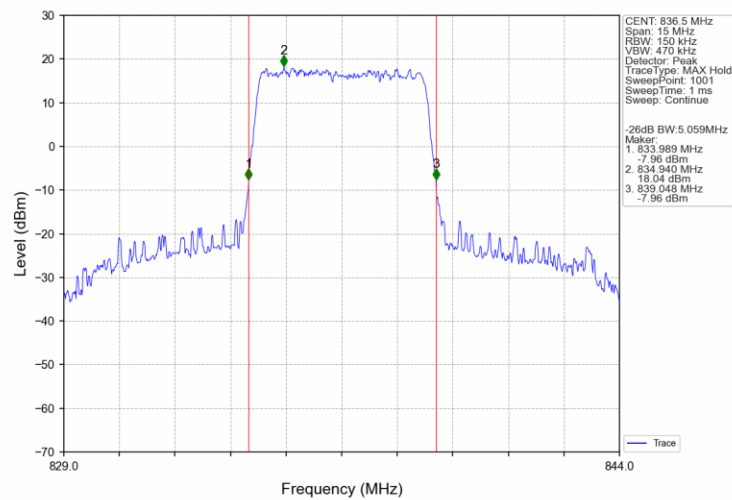
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



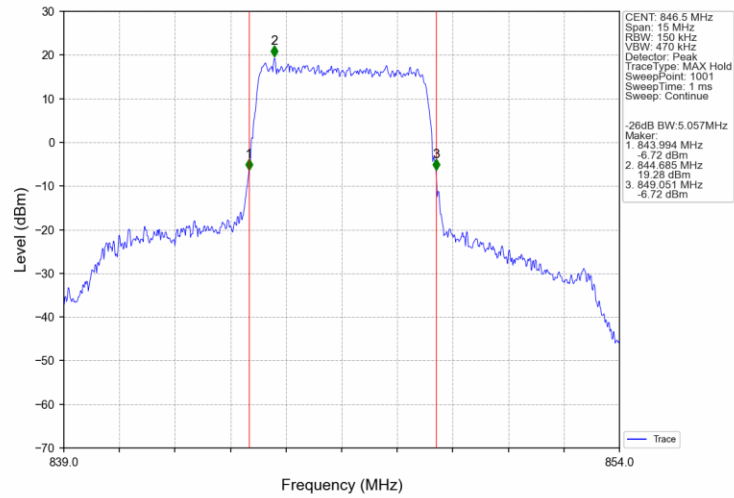
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



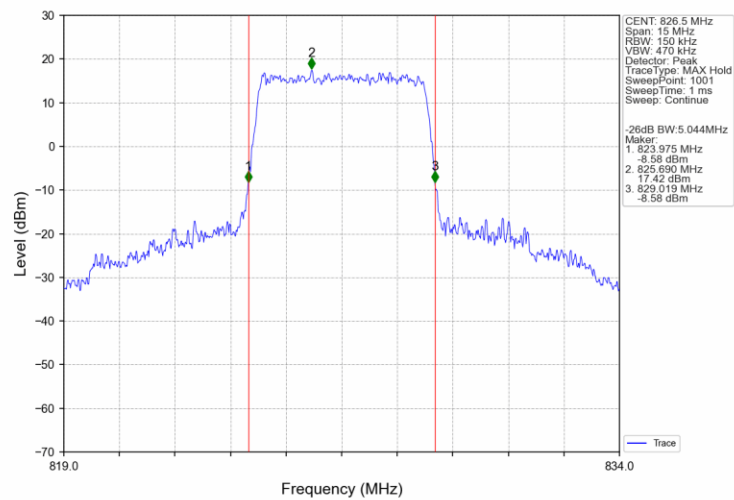
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



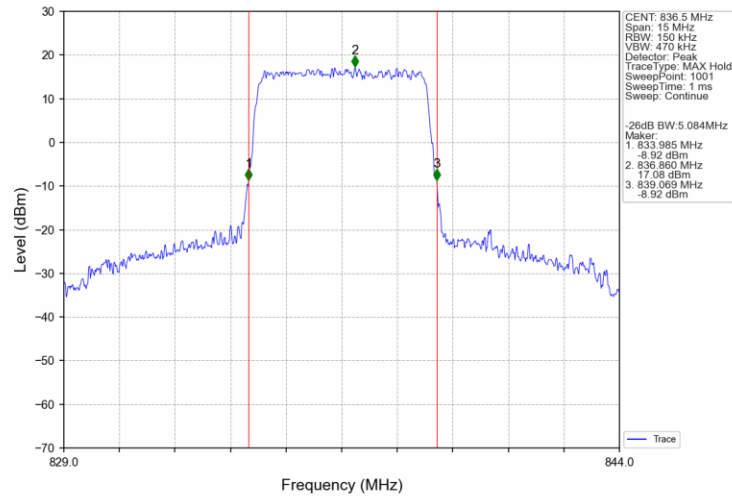
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



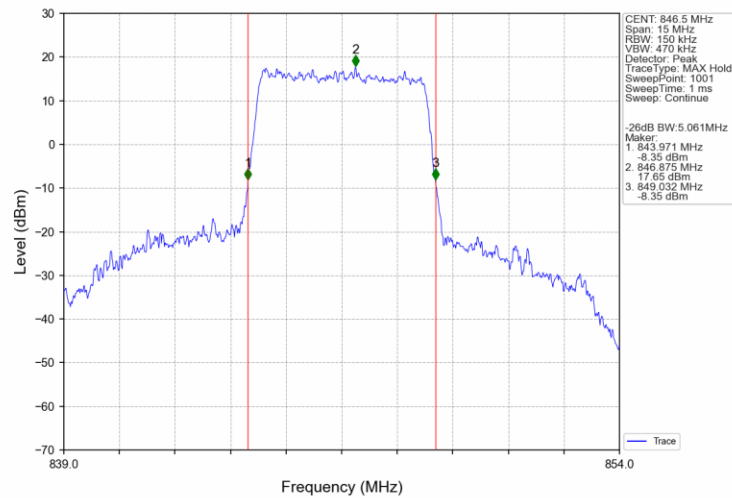
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



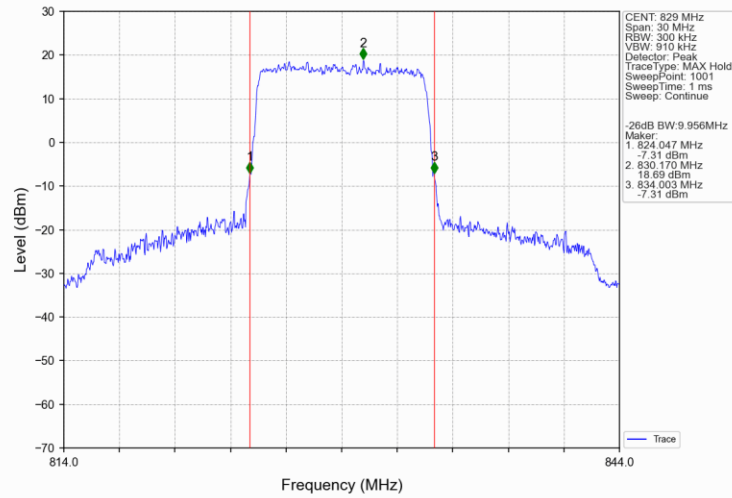
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



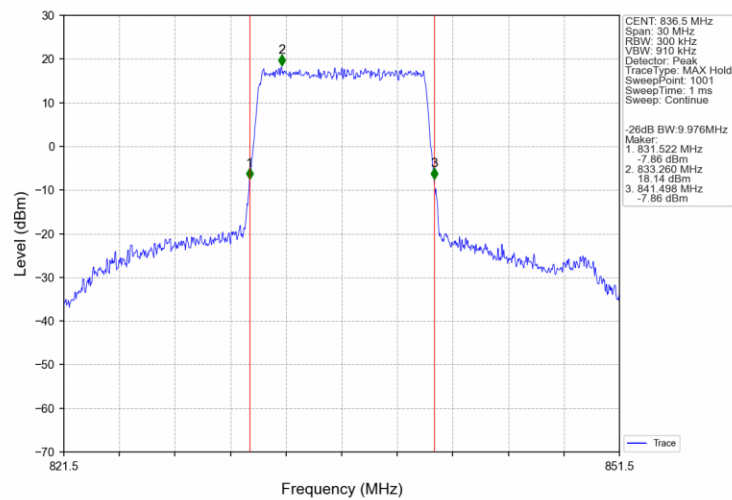
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



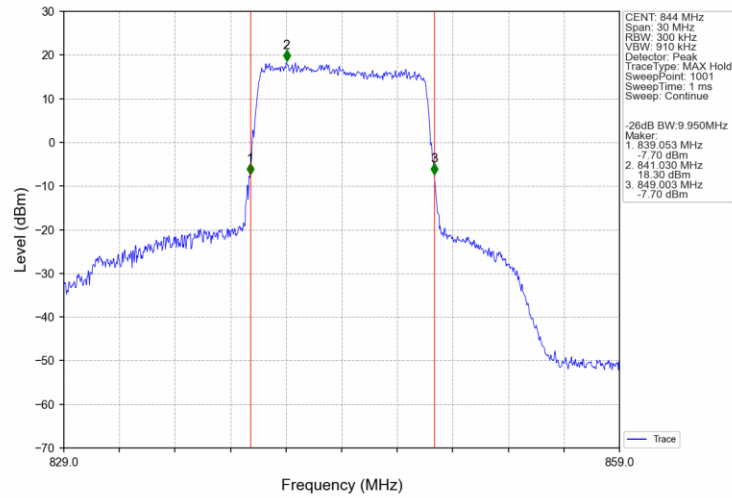
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



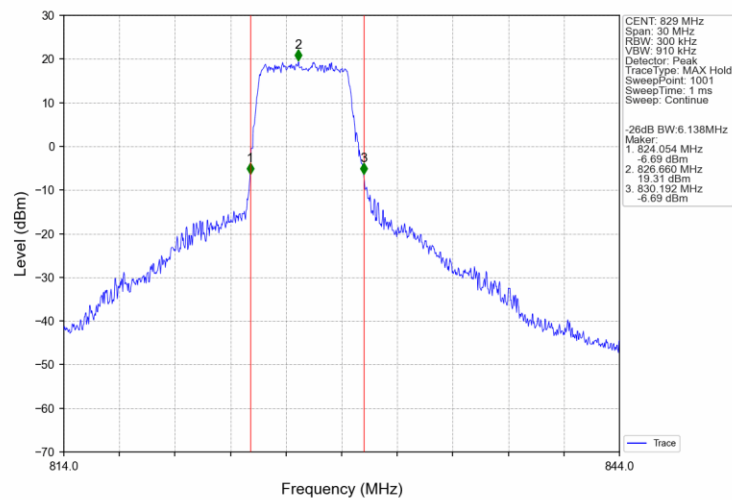
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



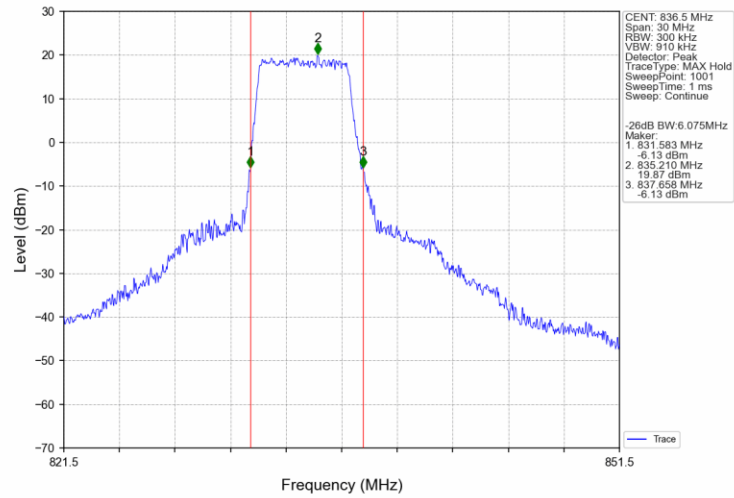
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



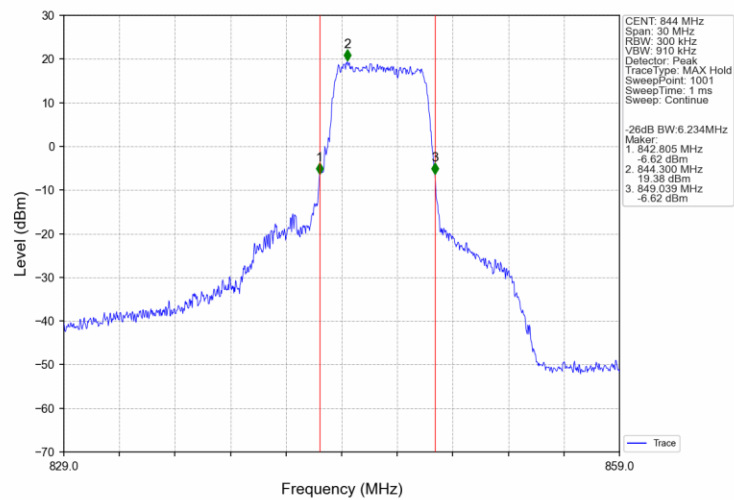
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



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	4.74	<=13	Pass
	836.5	6	0	5.28	<=13	Pass
	848.3	6	0	4.96	<=13	Pass
16QAM	824.7	6	0	5.61	<=13	Pass
	836.5	6	0	6.13	<=13	Pass
	848.3	6	0	5.72	<=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	4.93	<=13	Pass
	836.5	15	0	5.39	<=13	Pass
	847.5	15	0	5.26	<=13	Pass
16QAM	825.5	15	0	5.78	<=13	Pass
	836.5	15	0	6.25	<=13	Pass
	847.5	15	0	6.06	<=13	Pass

5.1.3 B5_5MHz

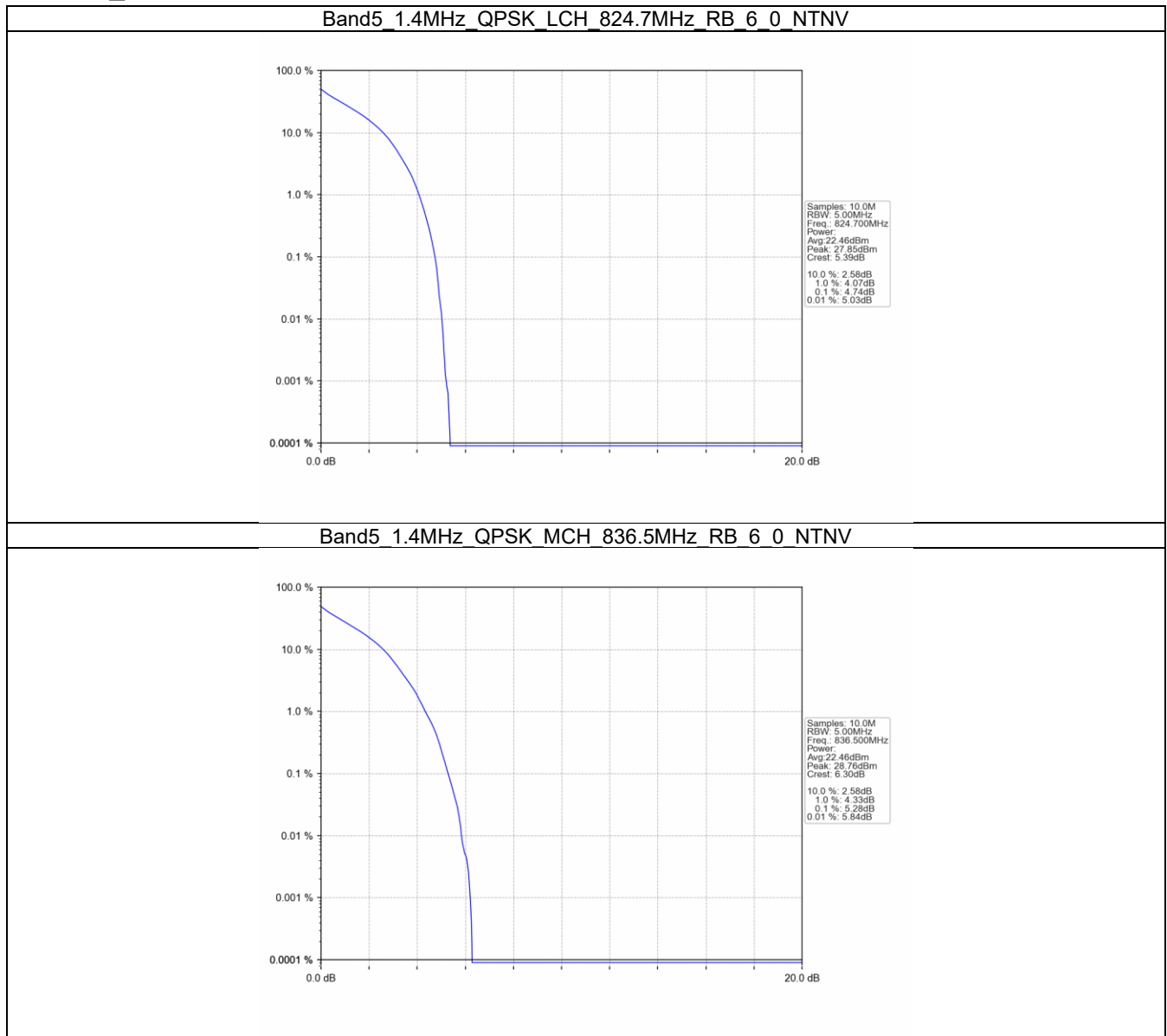
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.25	<=13	Pass
	836.5	25	0	5.56	<=13	Pass
	846.5	25	0	5.48	<=13	Pass
16QAM	826.5	25	0	5.98	<=13	Pass
	836.5	25	0	6.25	<=13	Pass
	846.5	25	0	6.13	<=13	Pass

5.1.4 B5_10MHz

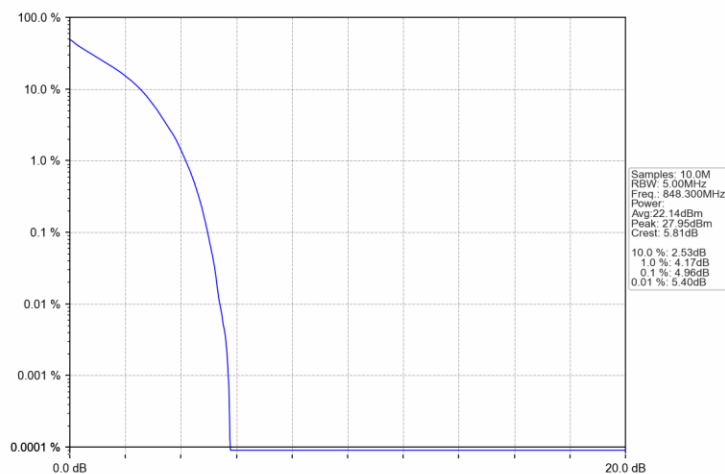
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.29	<=13	Pass
	836.5	50	0	5.49	<=13	Pass
	844	50	0	5.42	<=13	Pass
16QAM	829	27	0	5.82	<=13	Pass
	836.5	27	0	6.23	<=13	Pass
	844	27	23	6.06	<=13	Pass

5.2 Test Graph

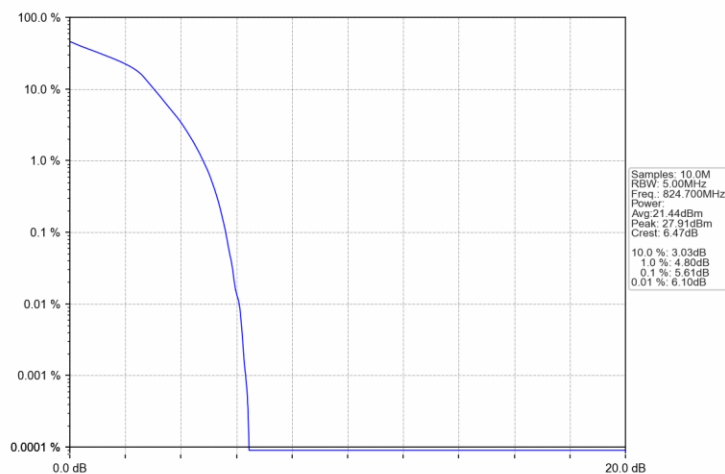
5.2.1 B5_1.4MHz



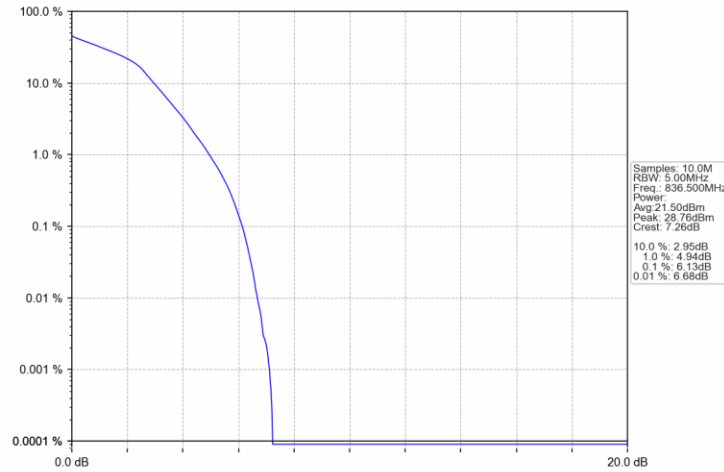
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



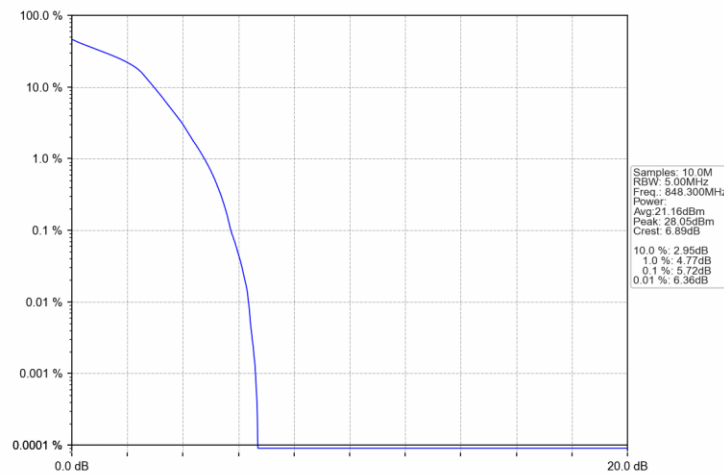
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

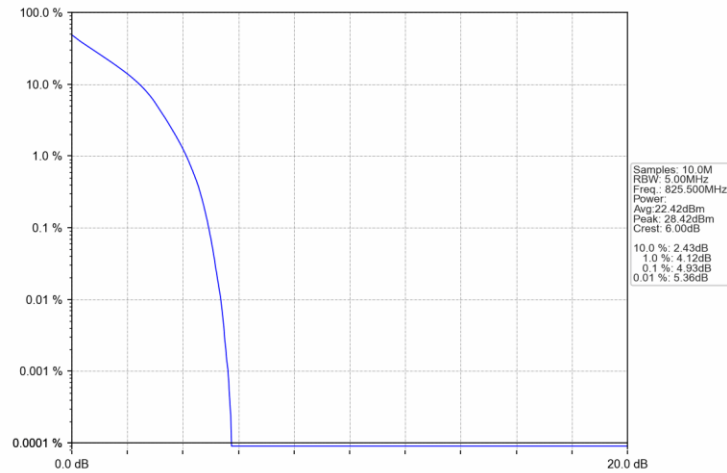


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

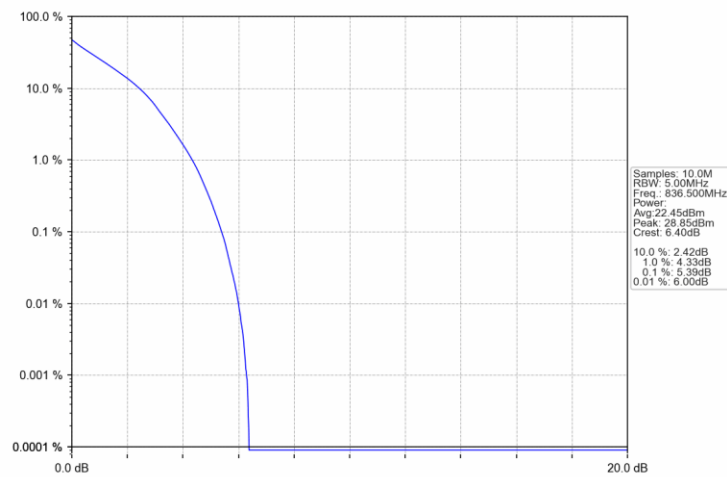


5.2.2 B5_3MHz

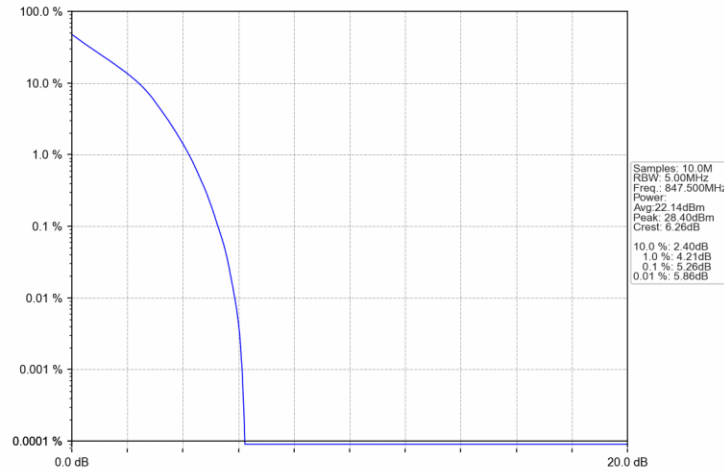
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



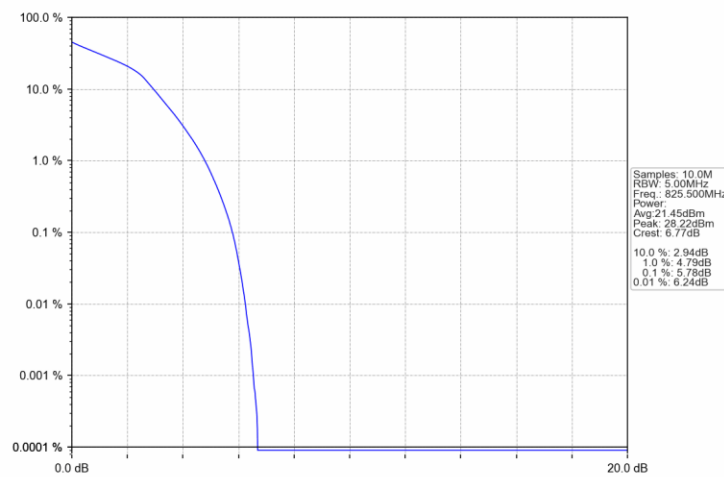
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



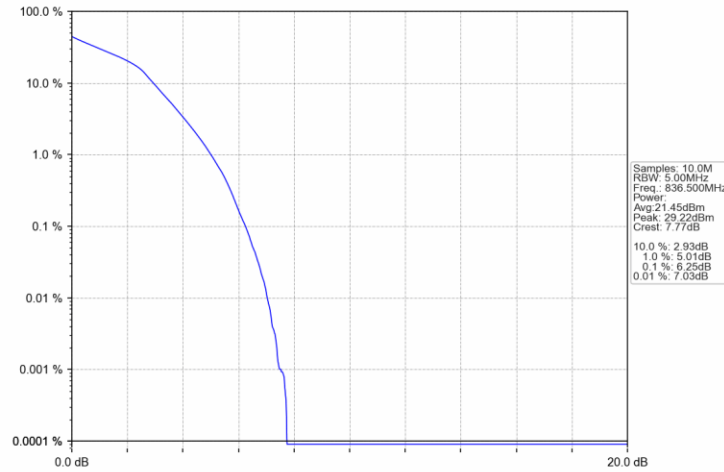
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



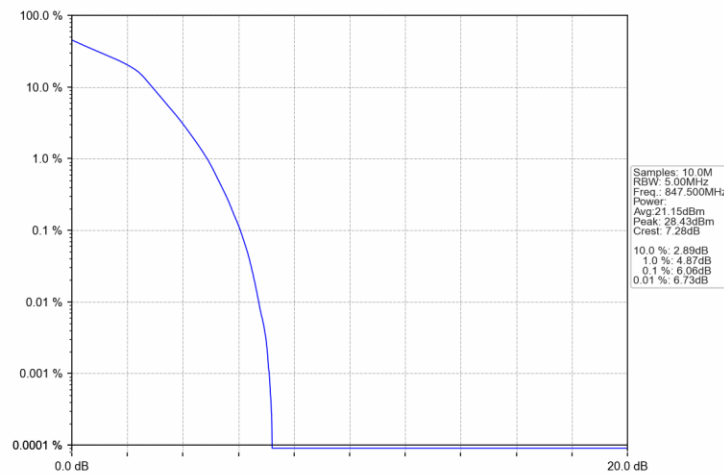
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

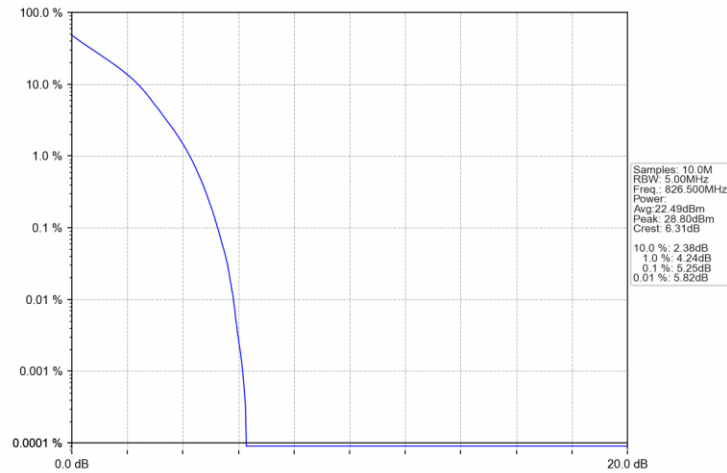


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

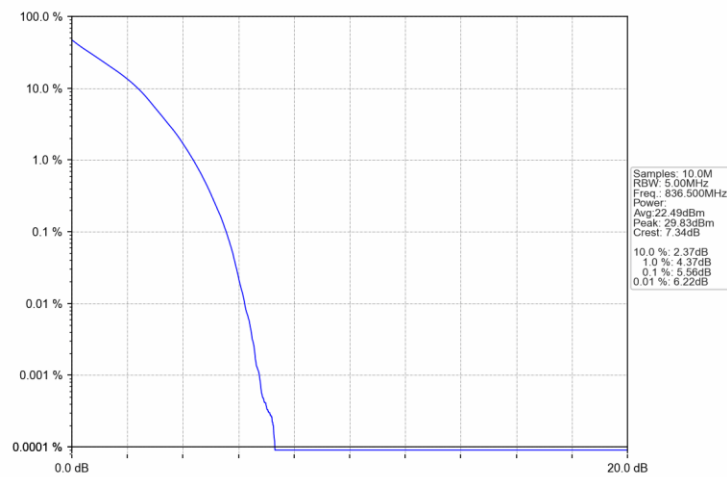


5.2.3 B5_5MHz

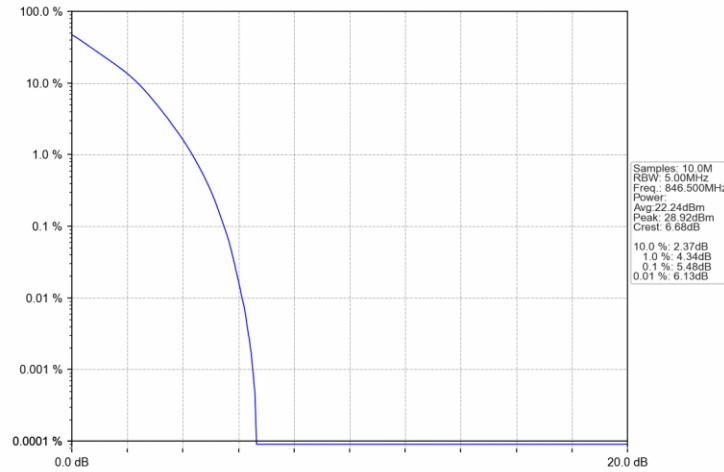
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



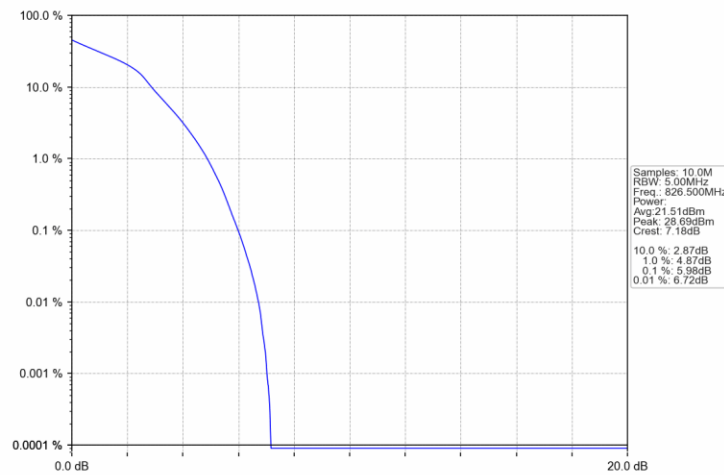
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



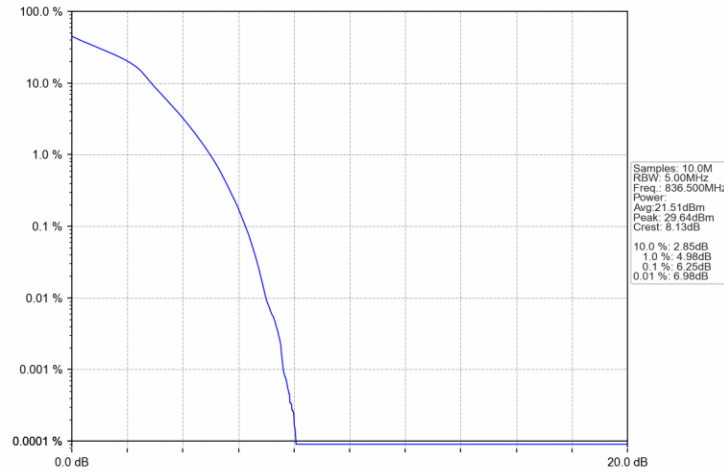
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



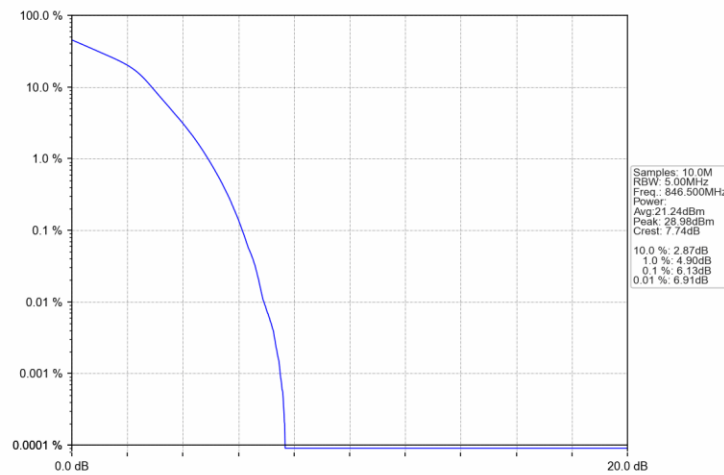
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

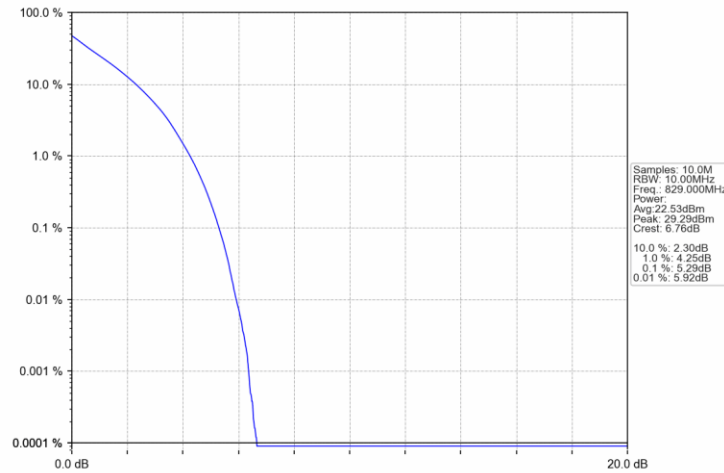


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

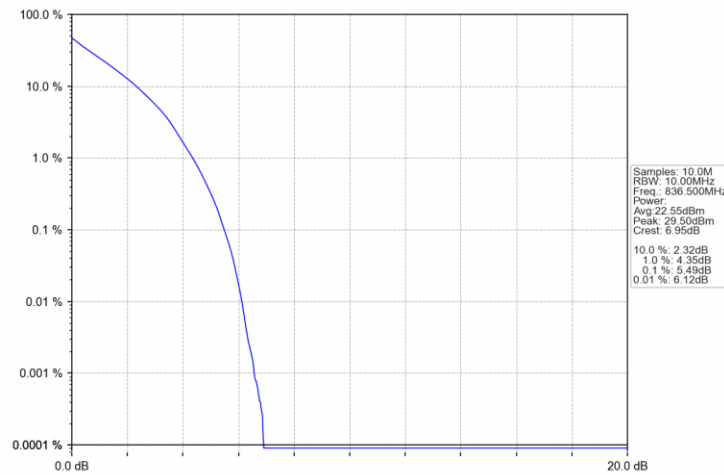


5.2.4 B5_10MHz

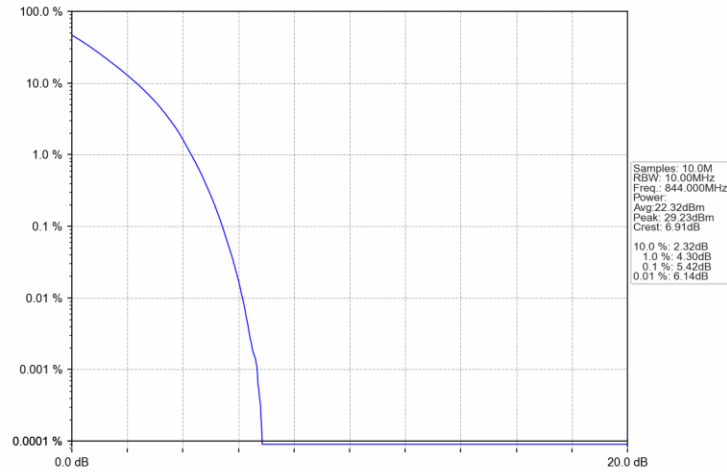
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



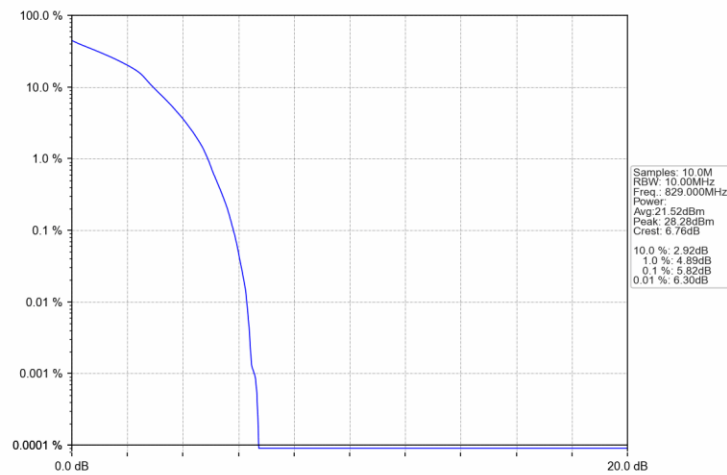
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



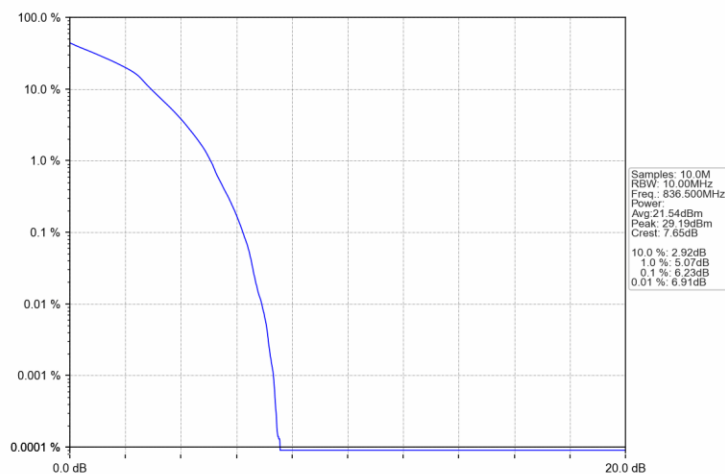
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



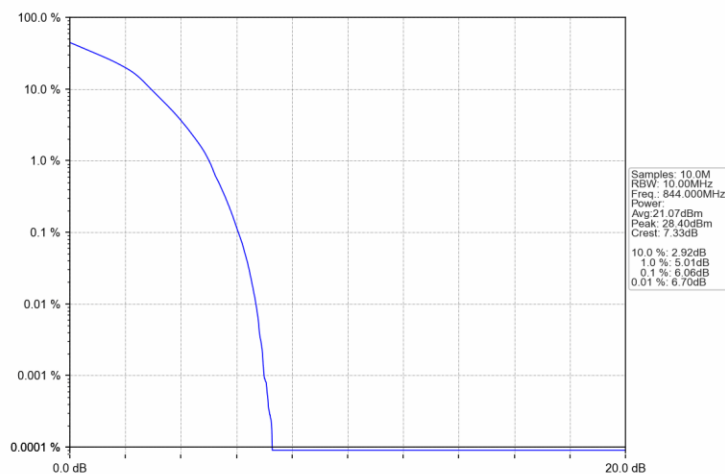
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



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 / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		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 / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		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 / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

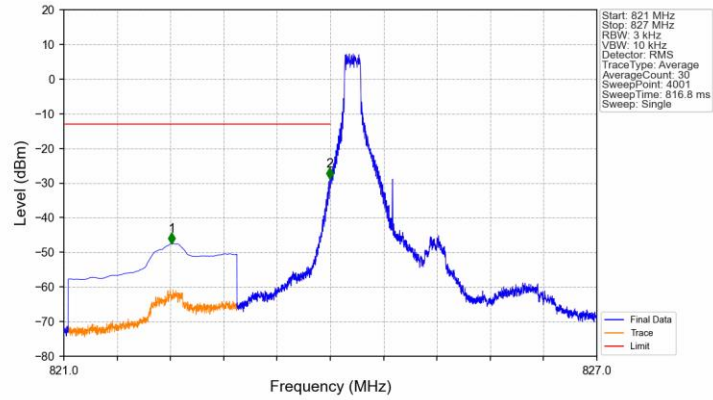
6.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTV						
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
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.2 Test Graph

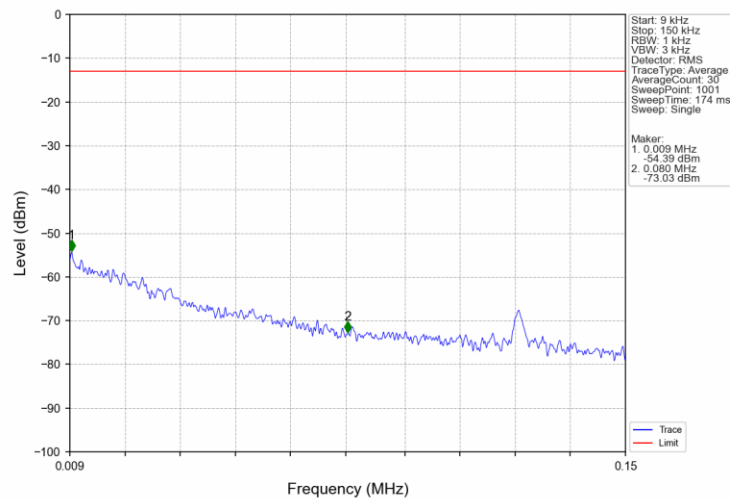
6.2.1 B5_1.4MHz

Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN

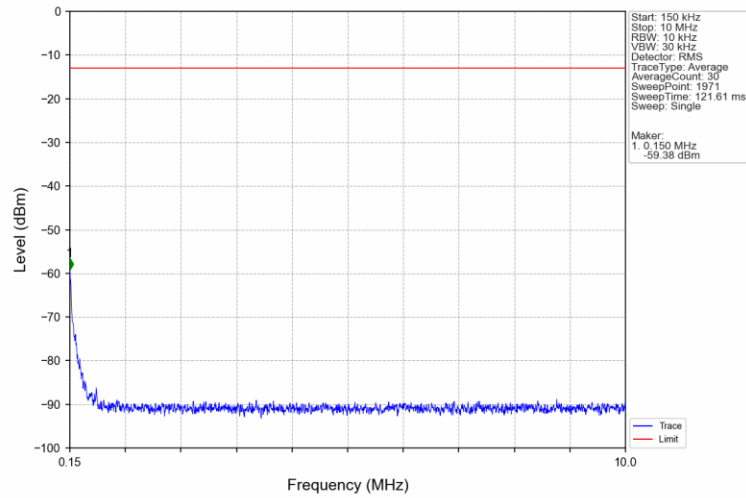


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.213	-47.45	-13	Pass
823	824	0.003	/	2	823.995	-28.80	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

