

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	23.67	-3.60	17.92	<=34.77	Pass
			2	23.52	-3.60	17.77	<=34.77	Pass
			5	22.43	-3.60	16.68	<=34.77	Pass
		3	0	23.02	-3.60	17.27	<=34.77	Pass
			2	23.16	-3.60	17.41	<=34.77	Pass
			3	23.86	-3.60	18.11	<=34.77	Pass
		6	0	22.50	-3.60	16.75	<=34.77	Pass
	836.5	1	0	23.21	-3.60	17.46	<=34.77	Pass
			2	23.30	-3.60	17.55	<=34.77	Pass
			5	23.20	-3.60	17.45	<=34.77	Pass
		3	0	23.80	-3.60	18.05	<=34.77	Pass
			2	23.80	-3.60	18.05	<=34.77	Pass
			3	23.88	-3.60	18.13	<=34.77	Pass
		6	0	22.76	-3.60	17.01	<=34.77	Pass
	848.3	1	0	23.07	-3.60	17.32	<=34.77	Pass
			2	23.57	-3.60	17.82	<=34.77	Pass
			5	23.63	-3.60	17.88	<=34.77	Pass
		3	0	24.15	-3.60	18.40	<=34.77	Pass
			2	24.15	-3.60	18.40	<=34.77	Pass
			3	24.13	-3.60	18.38	<=34.77	Pass
		6	0	23.14	-3.60	17.39	<=34.77	Pass
16QAM	824.7	1	0	22.09	-3.60	16.34	<=34.77	Pass
			2	22.27	-3.60	16.52	<=34.77	Pass
			5	22.27	-3.60	16.52	<=34.77	Pass
		3	0	22.96	-3.60	17.21	<=34.77	Pass
			2	23.01	-3.60	17.26	<=34.77	Pass
			3	23.00	-3.60	17.25	<=34.77	Pass
		6	0	21.42	-3.60	15.67	<=34.77	Pass
	836.5	1	0	22.23	-3.60	16.48	<=34.77	Pass
			2	22.31	-3.60	16.56	<=34.77	Pass
			5	22.32	-3.60	16.57	<=34.77	Pass
		3	0	22.75	-3.60	17.00	<=34.77	Pass
			2	22.84	-3.60	17.09	<=34.77	Pass
			3	22.77	-3.60	17.02	<=34.77	Pass
		6	0	21.63	-3.60	15.88	<=34.77	Pass
	848.3	1	0	22.73	-3.60	16.98	<=34.77	Pass
			2	22.73	-3.60	16.98	<=34.77	Pass
			5	22.78	-3.60	17.03	<=34.77	Pass
		3	0	23.03	-3.60	17.28	<=34.77	Pass
			2	23.05	-3.60	17.30	<=34.77	Pass
			3	23.03	-3.60	17.28	<=34.77	Pass
		6	0	22.12	-3.60	16.37	<=34.77	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	23.53	-3.60	17.78	<=34.77	Pass
			7	23.40	-3.60	17.65	<=34.77	Pass
			14	23.46	-3.60	17.71	<=34.77	Pass
		8	0	22.81	-3.60	17.06	<=34.77	Pass
			4	22.82	-3.60	17.07	<=34.77	Pass
			7	22.97	-3.60	17.22	<=34.77	Pass
		15	0	22.93	-3.60	17.18	<=34.77	Pass
	836.5	1	0	23.17	-3.60	17.42	<=34.77	Pass
			7	23.24	-3.60	17.49	<=34.77	Pass
			14	23.14	-3.60	17.39	<=34.77	Pass
		8	0	22.74	-3.60	16.99	<=34.77	Pass
			4	22.73	-3.60	16.98	<=34.77	Pass
			7	22.98	-3.60	17.23	<=34.77	Pass
		15	0	22.96	-3.60	17.21	<=34.77	Pass
	847.5	1	0	23.53	-3.60	17.78	<=34.77	Pass
			7	23.41	-3.60	17.66	<=34.77	Pass
			14	23.61	-3.60	17.86	<=34.77	Pass
		8	0	22.94	-3.60	17.19	<=34.77	Pass
			4	22.79	-3.60	17.04	<=34.77	Pass
			7	22.62	-3.60	16.87	<=34.77	Pass
		15	0	22.91	-3.60	17.16	<=34.77	Pass
16QAM	825.5	1	0	22.36	-3.60	16.61	<=34.77	Pass
			7	22.47	-3.60	16.72	<=34.77	Pass
			14	22.49	-3.60	16.74	<=34.77	Pass
		8	0	21.86	-3.60	16.11	<=34.77	Pass
			4	22.00	-3.60	16.25	<=34.77	Pass
			7	21.95	-3.60	16.20	<=34.77	Pass
		15	0	21.94	-3.60	16.19	<=34.77	Pass
	836.5	1	0	22.45	-3.60	16.70	<=34.77	Pass
			7	22.49	-3.60	16.74	<=34.77	Pass
			14	22.48	-3.60	16.73	<=34.77	Pass
		8	0	21.84	-3.60	16.09	<=34.77	Pass
			4	21.77	-3.60	16.02	<=34.77	Pass
			7	21.34	-3.60	15.59	<=34.77	Pass
		15	0	21.86	-3.60	16.11	<=34.77	Pass
	847.5	1	0	22.54	-3.60	16.79	<=34.77	Pass
			7	22.91	-3.60	17.16	<=34.77	Pass
			14	22.95	-3.60	17.20	<=34.77	Pass
		8	0	22.08	-3.60	16.33	<=34.77	Pass
			4	21.52	-3.60	15.77	<=34.77	Pass
			7	22.15	-3.60	16.40	<=34.77	Pass
		15	0	21.87	-3.60	16.12	<=34.77	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	23.74	-3.60	17.99	<=34.77	Pass
			13	23.49	-3.60	17.74	<=34.77	Pass
			24	23.65	-3.60	17.90	<=34.77	Pass
		12	0	23.14	-3.60	17.39	<=34.77	Pass
			6	22.77	-3.60	17.02	<=34.77	Pass
			13	22.97	-3.60	17.22	<=34.77	Pass
		25	0	23.22	-3.60	17.47	<=34.77	Pass
	836.5	1	0	23.63	-3.60	17.88	<=34.77	Pass
			13	23.59	-3.60	17.84	<=34.77	Pass
			24	23.64	-3.60	17.89	<=34.77	Pass
		12	0	23.08	-3.60	17.33	<=34.77	Pass
			6	23.08	-3.60	17.33	<=34.77	Pass
			13	23.11	-3.60	17.36	<=34.77	Pass
		25	0	23.12	-3.60	17.37	<=34.77	Pass
	846.5	1	0	23.31	-3.60	17.56	<=34.77	Pass
			13	23.30	-3.60	17.55	<=34.77	Pass
			24	23.46	-3.60	17.71	<=34.77	Pass
		12	0	22.66	-3.60	16.91	<=34.77	Pass
			6	22.69	-3.60	16.94	<=34.77	Pass
			13	22.78	-3.60	17.03	<=34.77	Pass
		25	0	22.42	-3.60	16.67	<=34.77	Pass
16QAM	826.5	1	0	22.73	-3.60	16.98	<=34.77	Pass
			13	22.80	-3.60	17.05	<=34.77	Pass
			24	22.82	-3.60	17.07	<=34.77	Pass
		12	0	22.23	-3.60	16.48	<=34.77	Pass
			6	22.19	-3.60	16.44	<=34.77	Pass
			13	22.16	-3.60	16.41	<=34.77	Pass
		25	0	22.21	-3.60	16.46	<=34.77	Pass
	836.5	1	0	22.88	-3.60	17.13	<=34.77	Pass
			13	22.55	-3.60	16.80	<=34.77	Pass
			24	22.87	-3.60	17.12	<=34.77	Pass
		12	0	22.08	-3.60	16.33	<=34.77	Pass
			6	21.84	-3.60	16.09	<=34.77	Pass
			13	21.67	-3.60	15.92	<=34.77	Pass
		25	0	21.36	-3.60	15.61	<=34.77	Pass
	846.5	1	0	22.27	-3.60	16.52	<=34.77	Pass
			13	21.74	-3.60	15.99	<=34.77	Pass
			24	22.08	-3.60	16.33	<=34.77	Pass
		12	0	21.85	-3.60	16.10	<=34.77	Pass
			6	21.73	-3.60	15.98	<=34.77	Pass
			13	21.73	-3.60	15.98	<=34.77	Pass
		25	0	21.90	-3.60	16.15	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.33	-3.60	17.58	<=34.77	Pass
			25	23.34	-3.60	17.59	<=34.77	Pass
			49	23.67	-3.60	17.92	<=34.77	Pass
		25	0	23.23	-3.60	17.48	<=34.77	Pass
			13	23.21	-3.60	17.46	<=34.77	Pass
			25	23.18	-3.60	17.43	<=34.77	Pass
		50	0	23.24	-3.60	17.49	<=34.77	Pass
			0	23.61	-3.60	17.86	<=34.77	Pass
			25	23.55	-3.60	17.80	<=34.77	Pass
	836.5	1	49	23.16	-3.60	17.41	<=34.77	Pass
			0	22.71	-3.60	16.96	<=34.77	Pass
			13	22.60	-3.60	16.85	<=34.77	Pass
		25	25	22.84	-3.60	17.09	<=34.77	Pass
			0	22.64	-3.60	16.89	<=34.77	Pass
		50	0	23.54	-3.60	17.79	<=34.77	Pass
			25	23.15	-3.60	17.40	<=34.77	Pass
			49	23.38	-3.60	17.63	<=34.77	Pass
	844	1	0	22.80	-3.60	17.05	<=34.77	Pass
			13	22.74	-3.60	16.99	<=34.77	Pass
			25	22.57	-3.60	16.82	<=34.77	Pass
		25	0	22.72	-3.60	16.97	<=34.77	Pass
			0	22.73	-3.60	16.98	<=34.77	Pass
			25	22.66	-3.60	16.91	<=34.77	Pass
		50	49	22.64	-3.60	16.89	<=34.77	Pass
			0	22.32	-3.60	16.57	<=34.77	Pass
			13	22.26	-3.60	16.51	<=34.77	Pass
16QAM	829	1	25	22.24	-3.60	16.49	<=34.77	Pass
			0	22.21	-3.60	16.46	<=34.77	Pass
			49	22.55	-3.60	16.80	<=34.77	Pass
		25	0	22.73	-3.60	16.98	<=34.77	Pass
			49	22.71	-3.60	16.96	<=34.77	Pass
		50	0	21.82	-3.60	16.07	<=34.77	Pass
			13	22.01	-3.60	16.26	<=34.77	Pass
			25	22.28	-3.60	16.53	<=34.77	Pass
	836.5	1	0	21.84	-3.60	16.09	<=34.77	Pass
			0	22.84	-3.60	17.09	<=34.77	Pass
			25	22.75	-3.60	17.00	<=34.77	Pass
		25	49	22.73	-3.60	16.98	<=34.77	Pass
			0	21.96	-3.60	16.21	<=34.77	Pass
			13	21.18	-3.60	15.43	<=34.77	Pass
		50	25	21.54	-3.60	15.79	<=34.77	Pass
			0	21.66	-3.60	15.91	<=34.77	Pass
	844	1	0	21.66	-3.60	15.91	<=34.77	Pass
			0	21.66	-3.60	15.91	<=34.77	Pass
			25	21.66	-3.60	15.91	<=34.77	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	3.29	1.717	0.0021	-2.5 to 2.5	Pass
					3.87	0.672	0.0008	-2.5 to 2.5	Pass
					4.45	-7.081	-0.0086	-2.5 to 2.5	Pass
				-30	3.87	5.507	0.0067	-2.5 to 2.5	Pass
				-20	3.87	0.358	0.0004	-2.5 to 2.5	Pass
				-10	3.87	0.701	0.0009	-2.5 to 2.5	Pass
				0	3.87	3.061	0.0037	-2.5 to 2.5	Pass
				10	3.87	3.862	0.0047	-2.5 to 2.5	Pass
				30	3.87	-4.206	-0.0051	-2.5 to 2.5	Pass
				40	3.87	-9.627	-0.0117	-2.5 to 2.5	Pass
				50	3.87	3.319	0.0040	-2.5 to 2.5	Pass
	836.5	6	0	20	3.29	6.523	0.0078	-2.5 to 2.5	Pass
					3.87	-0.443	-0.0005	-2.5 to 2.5	Pass
					4.45	1.488	0.0018	-2.5 to 2.5	Pass
				-30	3.87	1.488	0.0018	-2.5 to 2.5	Pass
				-20	3.87	-1.874	-0.0022	-2.5 to 2.5	Pass
				-10	3.87	-1.259	-0.0015	-2.5 to 2.5	Pass
				0	3.87	-7.453	-0.0089	-2.5 to 2.5	Pass
				10	3.87	3.276	0.0039	-2.5 to 2.5	Pass
				30	3.87	-1.988	-0.0024	-2.5 to 2.5	Pass
				40	3.87	-8.869	-0.0106	-2.5 to 2.5	Pass
				50	3.87	-1.402	-0.0017	-2.5 to 2.5	Pass
	848.3	6	0	20	3.29	12.188	0.0144	-2.5 to 2.5	Pass
					3.87	-4.005	-0.0047	-2.5 to 2.5	Pass
					4.45	-0.930	-0.0011	-2.5 to 2.5	Pass
				-30	3.87	3.591	0.0042	-2.5 to 2.5	Pass
				-20	3.87	-0.672	-0.0008	-2.5 to 2.5	Pass
				-10	3.87	-5.507	-0.0065	-2.5 to 2.5	Pass
				0	3.87	5.393	0.0064	-2.5 to 2.5	Pass
				10	3.87	0.443	0.0005	-2.5 to 2.5	Pass
				30	3.87	0.787	0.0009	-2.5 to 2.5	Pass
				40	3.87	-1.087	-0.0013	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.29	-3.920	-0.0048	-2.5 to 2.5	Pass
					3.87	-5.178	-0.0063	-2.5 to 2.5	Pass
					4.45	1.559	0.0019	-2.5 to 2.5	Pass
				-30	3.87	5.665	0.0069	-2.5 to 2.5	Pass
				-20	3.87	-7.396	-0.0090	-2.5 to 2.5	Pass
				-10	3.87	1.602	0.0019	-2.5 to 2.5	Pass
				0	3.87	-0.472	-0.0006	-2.5 to 2.5	Pass
				10	3.87	-0.329	-0.0004	-2.5 to 2.5	Pass
				30	3.87	-3.433	-0.0042	-2.5 to 2.5	Pass
				40	3.87	3.033	0.0037	-2.5 to 2.5	Pass
				50	3.87	-2.861	-0.0035	-2.5 to 2.5	Pass
	836.5	6	0	20	3.29	2.418	0.0029	-2.5 to 2.5	Pass
					3.87	-1.330	-0.0016	-2.5 to 2.5	Pass
					4.45	-8.683	-0.0104	-2.5 to 2.5	Pass
				-30	3.87	-8.783	-0.0105	-2.5 to 2.5	Pass
				-20	3.87	-5.307	-0.0063	-2.5 to 2.5	Pass
				-10	3.87	-2.403	-0.0029	-2.5 to 2.5	Pass

				0	3.87	1.488	0.0018	-2.5 to 2.5	Pass
				10	3.87	-0.043	-0.0001	-2.5 to 2.5	Pass
				30	3.87	2.217	0.0027	-2.5 to 2.5	Pass
				40	3.87	1.216	0.0015	-2.5 to 2.5	Pass
				50	3.87	-3.176	-0.0038	-2.5 to 2.5	Pass
	848.3	6	0	20	3.29	-7.281	-0.0086	-2.5 to 2.5	Pass
					3.87	-4.020	-0.0047	-2.5 to 2.5	Pass
					4.45	3.276	0.0039	-2.5 to 2.5	Pass
				-30	3.87	7.024	0.0083	-2.5 to 2.5	Pass
				-20	3.87	-5.078	-0.0060	-2.5 to 2.5	Pass
				-10	3.87	4.091	0.0048	-2.5 to 2.5	Pass
				0	3.87	2.046	0.0024	-2.5 to 2.5	Pass
				10	3.87	1.445	0.0017	-2.5 to 2.5	Pass
				30	3.87	6.695	0.0079	-2.5 to 2.5	Pass
				40	3.87	-1.731	-0.0020	-2.5 to 2.5	Pass
				50	3.87	5.465	0.0064	-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	3.29	3.605	0.0044	-2.5 to 2.5	Pass
					3.87	-3.591	-0.0044	-2.5 to 2.5	Pass
					4.45	2.375	0.0029	-2.5 to 2.5	Pass
				-30	3.87	3.362	0.0041	-2.5 to 2.5	Pass
				-20	3.87	-0.758	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	-1.187	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-6.452	-0.0078	-2.5 to 2.5	Pass
				10	3.87	0.157	0.0002	-2.5 to 2.5	Pass
				30	3.87	-6.366	-0.0077	-2.5 to 2.5	Pass
				40	3.87	-3.676	-0.0045	-2.5 to 2.5	Pass
	836.5	15	0	20	3.29	-8.197	-0.0098	-2.5 to 2.5	Pass
					3.87	5.765	0.0069	-2.5 to 2.5	Pass
					4.45	-4.635	-0.0055	-2.5 to 2.5	Pass
				-30	3.87	-3.920	-0.0047	-2.5 to 2.5	Pass
				-20	3.87	-4.592	-0.0055	-2.5 to 2.5	Pass
				-10	3.87	-1.101	-0.0013	-2.5 to 2.5	Pass
				0	3.87	7.381	0.0088	-2.5 to 2.5	Pass
				10	3.87	-0.758	-0.0009	-2.5 to 2.5	Pass
				30	3.87	3.304	0.0039	-2.5 to 2.5	Pass
				40	3.87	2.189	0.0026	-2.5 to 2.5	Pass
	847.5	15	0	20	3.29	-5.608	-0.0066	-2.5 to 2.5	Pass
					3.87	0.701	0.0008	-2.5 to 2.5	Pass
					4.45	3.762	0.0044	-2.5 to 2.5	Pass
				-30	3.87	-3.276	-0.0039	-2.5 to 2.5	Pass
				-20	3.87	1.488	0.0018	-2.5 to 2.5	Pass
				-10	3.87	-2.246	-0.0027	-2.5 to 2.5	Pass
				0	3.87	-2.317	-0.0027	-2.5 to 2.5	Pass
				10	3.87	4.292	0.0051	-2.5 to 2.5	Pass
				30	3.87	-1.030	-0.0012	-2.5 to 2.5	Pass
				40	3.87	1.616	0.0019	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.29	0.114	0.0001	-2.5 to 2.5	Pass
					3.87	-3.591	-0.0044	-2.5 to 2.5	Pass
					4.45	-4.749	-0.0058	-2.5 to 2.5	Pass

				-30	3.87	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-3.591	-0.0044	-2.5 to 2.5	Pass
				-10	3.87	-2.503	-0.0030	-2.5 to 2.5	Pass
				0	3.87	-1.416	-0.0017	-2.5 to 2.5	Pass
				10	3.87	-1.545	-0.0019	-2.5 to 2.5	Pass
				30	3.87	-1.588	-0.0019	-2.5 to 2.5	Pass
				40	3.87	1.473	0.0018	-2.5 to 2.5	Pass
				50	3.87	13.261	0.0161	-2.5 to 2.5	Pass
	836.5	15	0	20	3.29	5.665	0.0068	-2.5 to 2.5	Pass
					3.87	-6.437	-0.0077	-2.5 to 2.5	Pass
					4.45	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.87	4.349	0.0052	-2.5 to 2.5	Pass
				-20	3.87	-4.663	-0.0056	-2.5 to 2.5	Pass
				-10	3.87	1.116	0.0013	-2.5 to 2.5	Pass
				0	3.87	0.114	0.0001	-2.5 to 2.5	Pass
				10	3.87	3.533	0.0042	-2.5 to 2.5	Pass
				30	3.87	0.830	0.0010	-2.5 to 2.5	Pass
				40	3.87	3.748	0.0045	-2.5 to 2.5	Pass
				50	3.87	-1.388	-0.0017	-2.5 to 2.5	Pass
	847.5	15	0	20	3.29	3.033	0.0036	-2.5 to 2.5	Pass
					3.87	-0.958	-0.0011	-2.5 to 2.5	Pass
					4.45	-0.272	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	5.035	0.0059	-2.5 to 2.5	Pass
				-20	3.87	2.289	0.0027	-2.5 to 2.5	Pass
				-10	3.87	7.410	0.0087	-2.5 to 2.5	Pass
				0	3.87	-6.723	-0.0079	-2.5 to 2.5	Pass
				10	3.87	-2.475	-0.0029	-2.5 to 2.5	Pass
				30	3.87	7.639	0.0090	-2.5 to 2.5	Pass
				40	3.87	-1.760	-0.0021	-2.5 to 2.5	Pass
				50	3.87	7.682	0.0091	-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	3.29	2.990	0.0036	-2.5 to 2.5	Pass
					3.87	-1.502	-0.0018	-2.5 to 2.5	Pass
					4.45	2.575	0.0031	-2.5 to 2.5	Pass
				-30	3.87	0.658	0.0008	-2.5 to 2.5	Pass
				-20	3.87	5.822	0.0070	-2.5 to 2.5	Pass
				-10	3.87	3.176	0.0038	-2.5 to 2.5	Pass
				0	3.87	-2.704	-0.0033	-2.5 to 2.5	Pass
				10	3.87	-1.287	-0.0016	-2.5 to 2.5	Pass
				30	3.87	-3.476	-0.0042	-2.5 to 2.5	Pass
				40	3.87	-0.973	-0.0012	-2.5 to 2.5	Pass
				50	3.87	-0.844	-0.0010	-2.5 to 2.5	Pass
	836.5	25	0	20	3.29	2.747	0.0033	-2.5 to 2.5	Pass
					3.87	-4.835	-0.0058	-2.5 to 2.5	Pass
					4.45	0.887	0.0011	-2.5 to 2.5	Pass
				-30	3.87	3.977	0.0048	-2.5 to 2.5	Pass
				-20	3.87	-5.407	-0.0065	-2.5 to 2.5	Pass
				-10	3.87	3.119	0.0037	-2.5 to 2.5	Pass
				0	3.87	-8.283	-0.0099	-2.5 to 2.5	Pass
				10	3.87	4.978	0.0060	-2.5 to 2.5	Pass
				30	3.87	2.275	0.0027	-2.5 to 2.5	Pass
				40	3.87	-2.203	-0.0026	-2.5 to 2.5	Pass
				50	3.87	3.505	0.0042	-2.5 to 2.5	Pass

	846.5	25	0	20	3.29	-0.057	-0.0001	-2.5 to 2.5	Pass
					3.87	2.518	0.0030	-2.5 to 2.5	Pass
					4.45	-3.333	-0.0039	-2.5 to 2.5	Pass
				-30	3.87	4.649	0.0055	-2.5 to 2.5	Pass
				-20	3.87	-0.515	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	-8.140	-0.0096	-2.5 to 2.5	Pass
				0	3.87	-5.336	-0.0063	-2.5 to 2.5	Pass
				10	3.87	-2.189	-0.0026	-2.5 to 2.5	Pass
				30	3.87	-2.117	-0.0025	-2.5 to 2.5	Pass
				40	3.87	-5.522	-0.0065	-2.5 to 2.5	Pass
				50	3.87	4.134	0.0049	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.29	3.405	0.0041	-2.5 to 2.5	Pass
					3.87	0.558	0.0007	-2.5 to 2.5	Pass
					4.45	-1.903	-0.0023	-2.5 to 2.5	Pass
				-30	3.87	-0.758	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	2.332	0.0028	-2.5 to 2.5	Pass
				-10	3.87	-0.916	-0.0011	-2.5 to 2.5	Pass
				0	3.87	3.233	0.0039	-2.5 to 2.5	Pass
				10	3.87	3.705	0.0045	-2.5 to 2.5	Pass
				30	3.87	1.345	0.0016	-2.5 to 2.5	Pass
				40	3.87	9.098	0.0110	-2.5 to 2.5	Pass
				50	3.87	0.429	0.0005	-2.5 to 2.5	Pass
	836.5	25	0	20	3.29	3.276	0.0039	-2.5 to 2.5	Pass
					3.87	4.449	0.0053	-2.5 to 2.5	Pass
					4.45	-1.588	-0.0019	-2.5 to 2.5	Pass
				-30	3.87	-1.402	-0.0017	-2.5 to 2.5	Pass
				-20	3.87	-0.801	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	1.960	0.0023	-2.5 to 2.5	Pass
				0	3.87	-1.888	-0.0023	-2.5 to 2.5	Pass
				10	3.87	-3.104	-0.0037	-2.5 to 2.5	Pass
				30	3.87	-3.605	-0.0043	-2.5 to 2.5	Pass
				40	3.87	-0.358	-0.0004	-2.5 to 2.5	Pass
				50	3.87	-2.761	-0.0033	-2.5 to 2.5	Pass
	846.5	25	0	20	3.29	-7.410	-0.0088	-2.5 to 2.5	Pass
					3.87	1.116	0.0013	-2.5 to 2.5	Pass
					4.45	2.060	0.0024	-2.5 to 2.5	Pass
				-30	3.87	-6.437	-0.0076	-2.5 to 2.5	Pass
				-20	3.87	1.674	0.0020	-2.5 to 2.5	Pass
				-10	3.87	4.478	0.0053	-2.5 to 2.5	Pass
				0	3.87	2.747	0.0032	-2.5 to 2.5	Pass
				10	3.87	1.745	0.0021	-2.5 to 2.5	Pass
				30	3.87	-0.172	-0.0002	-2.5 to 2.5	Pass
				40	3.87	4.263	0.0050	-2.5 to 2.5	Pass
				50	3.87	2.203	0.0026	-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	3.29	-2.146	-0.0026	-2.5 to 2.5	Pass
					3.87	0.772	0.0009	-2.5 to 2.5	Pass
					4.45	0.358	0.0004	-2.5 to 2.5	Pass
				-30	3.87	0.057	0.0001	-2.5 to 2.5	Pass
				-20	3.87	0.744	0.0009	-2.5 to 2.5	Pass
				-10	3.87	-0.129	-0.0002	-2.5 to 2.5	Pass
				0	3.87	-4.177	-0.0050	-2.5 to 2.5	Pass
				10	3.87	0.901	0.0011	-2.5 to 2.5	Pass

				30	3.87	-1.545	-0.0019	-2.5 to 2.5	Pass
				40	3.87	-1.588	-0.0019	-2.5 to 2.5	Pass
				50	3.87	0.100	0.0001	-2.5 to 2.5	Pass
	836.5	50	0	20	3.29	-1.187	-0.0014	-2.5 to 2.5	Pass
					3.87	-0.644	-0.0008	-2.5 to 2.5	Pass
					4.45	-2.489	-0.0030	-2.5 to 2.5	Pass
				-30	3.87	-3.405	-0.0041	-2.5 to 2.5	Pass
				-20	3.87	-3.791	-0.0045	-2.5 to 2.5	Pass
				-10	3.87	-1.531	-0.0018	-2.5 to 2.5	Pass
				0	3.87	-4.163	-0.0050	-2.5 to 2.5	Pass
				10	3.87	-1.974	-0.0024	-2.5 to 2.5	Pass
				30	3.87	-4.807	-0.0057	-2.5 to 2.5	Pass
				40	3.87	-1.116	-0.0013	-2.5 to 2.5	Pass
				50	3.87	-2.518	-0.0030	-2.5 to 2.5	Pass
	844	50	0	20	3.29	-2.060	-0.0024	-2.5 to 2.5	Pass
					3.87	-3.247	-0.0038	-2.5 to 2.5	Pass
					4.45	-5.078	-0.0060	-2.5 to 2.5	Pass
				-30	3.87	0.172	0.0002	-2.5 to 2.5	Pass
				-20	3.87	-1.974	-0.0023	-2.5 to 2.5	Pass
				-10	3.87	1.402	0.0017	-2.5 to 2.5	Pass
				0	3.87	-2.246	-0.0027	-2.5 to 2.5	Pass
				10	3.87	0.172	0.0002	-2.5 to 2.5	Pass
				30	3.87	-3.104	-0.0037	-2.5 to 2.5	Pass
				40	3.87	0.501	0.0006	-2.5 to 2.5	Pass
				50	3.87	-0.286	-0.0003	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.29	-0.286	-0.0003	-2.5 to 2.5	Pass
					3.87	3.676	0.0044	-2.5 to 2.5	Pass
					4.45	-2.160	-0.0026	-2.5 to 2.5	Pass
				-30	3.87	-3.791	-0.0046	-2.5 to 2.5	Pass
				-20	3.87	-2.260	-0.0027	-2.5 to 2.5	Pass
				-10	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.87	1.130	0.0014	-2.5 to 2.5	Pass
				10	3.87	1.144	0.0014	-2.5 to 2.5	Pass
				30	3.87	1.645	0.0020	-2.5 to 2.5	Pass
				40	3.87	-0.043	-0.0001	-2.5 to 2.5	Pass
				50	3.87	0.386	0.0005	-2.5 to 2.5	Pass
	836.5	50	0	20	3.29	-0.172	-0.0002	-2.5 to 2.5	Pass
					3.87	-2.804	-0.0034	-2.5 to 2.5	Pass
					4.45	0.701	0.0008	-2.5 to 2.5	Pass
				-30	3.87	-1.445	-0.0017	-2.5 to 2.5	Pass
				-20	3.87	-4.435	-0.0053	-2.5 to 2.5	Pass
				-10	3.87	-1.202	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-3.533	-0.0042	-2.5 to 2.5	Pass
				10	3.87	-1.216	-0.0015	-2.5 to 2.5	Pass
				30	3.87	-3.905	-0.0047	-2.5 to 2.5	Pass
				40	3.87	-4.349	-0.0052	-2.5 to 2.5	Pass
				50	3.87	-2.260	-0.0027	-2.5 to 2.5	Pass
	844	50	0	20	3.29	-1.202	-0.0014	-2.5 to 2.5	Pass
					3.87	-4.020	-0.0048	-2.5 to 2.5	Pass
					4.45	-1.559	-0.0018	-2.5 to 2.5	Pass
				-30	3.87	-2.289	-0.0027	-2.5 to 2.5	Pass
				-20	3.87	-0.887	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	1.245	0.0015	-2.5 to 2.5	Pass
				0	3.87	1.345	0.0016	-2.5 to 2.5	Pass
				10	3.87	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.87	-1.044	-0.0012	-2.5 to 2.5	Pass
				40	3.87	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.87	-4.735	-0.0056	-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

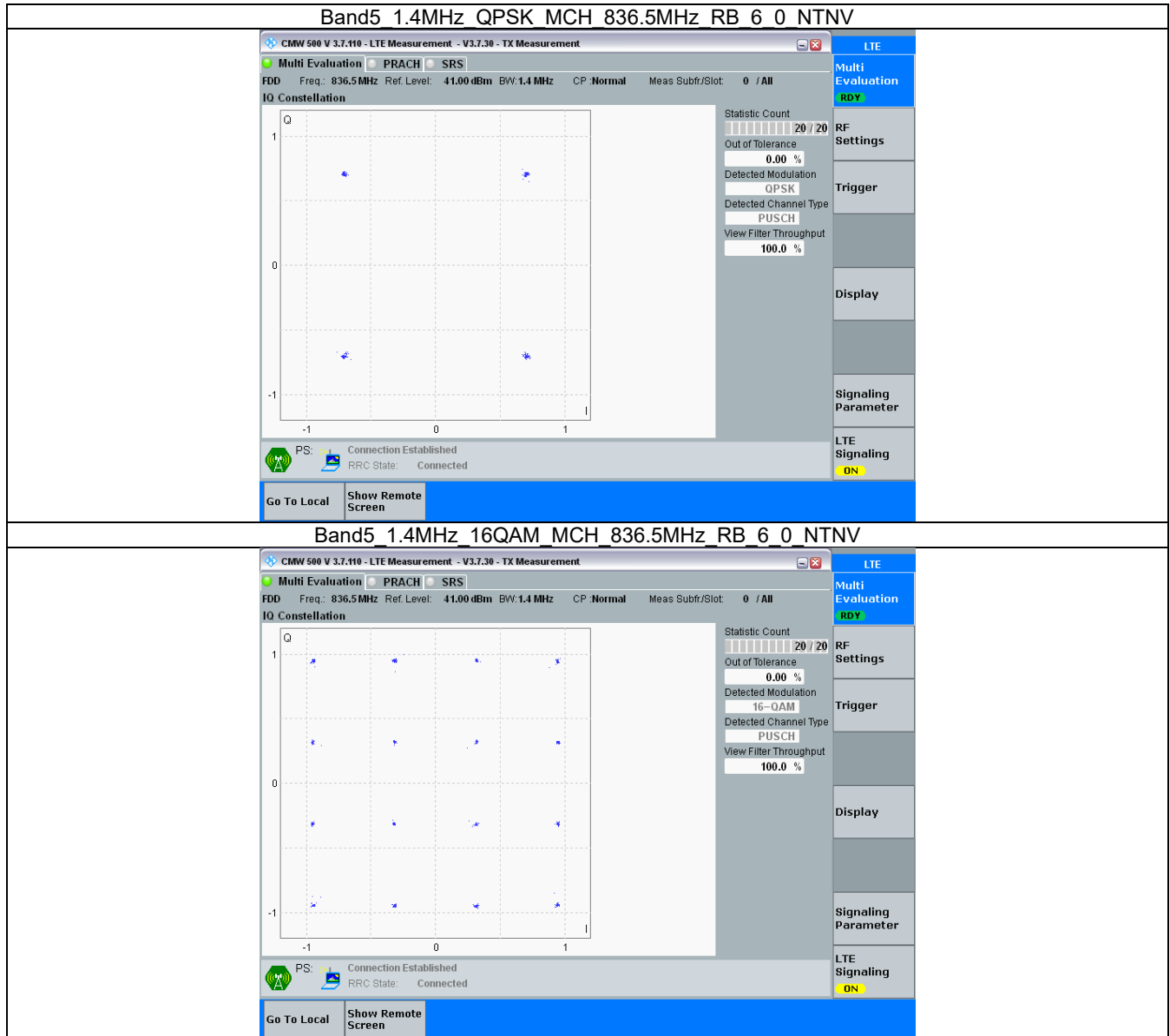
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

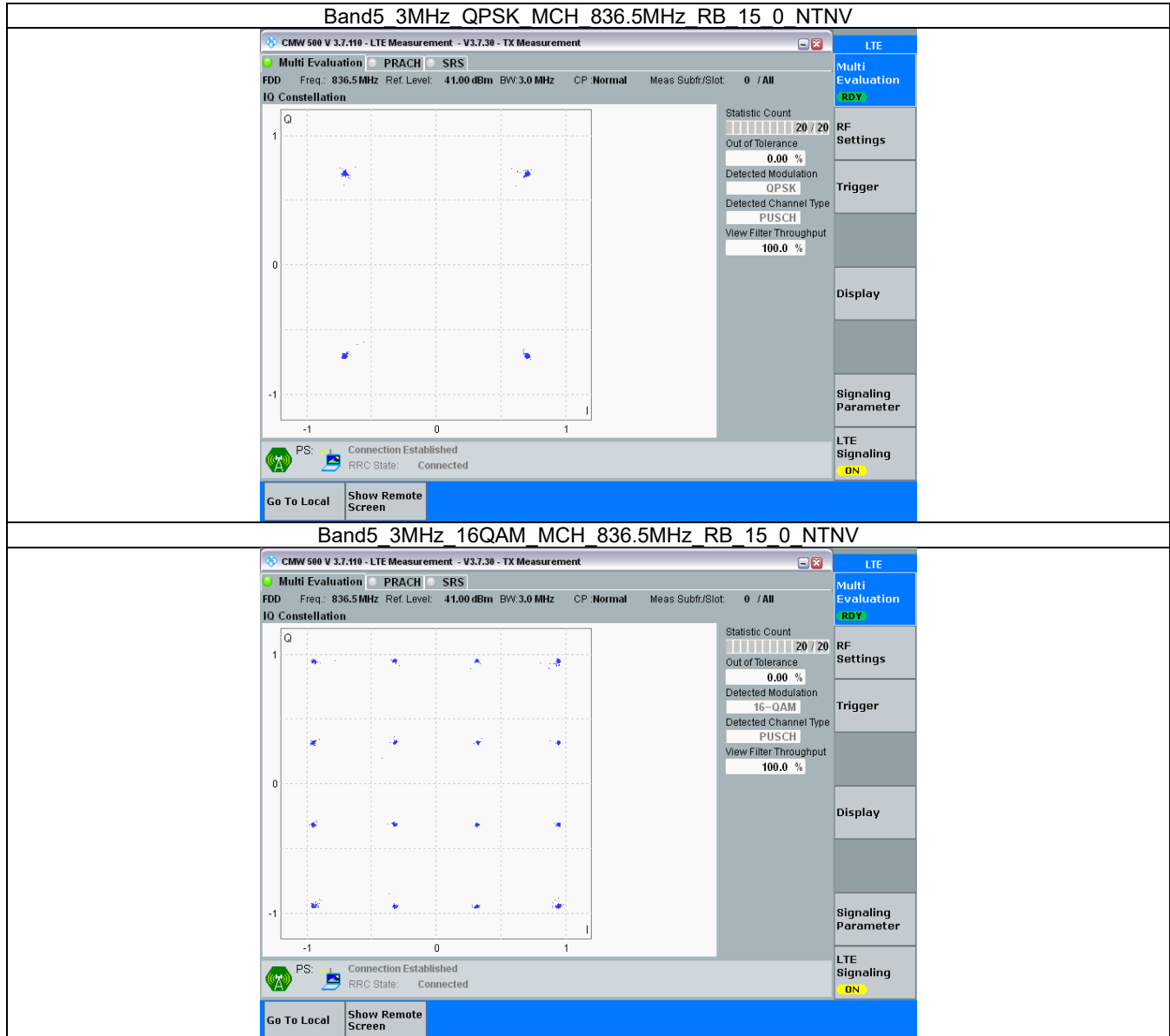
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

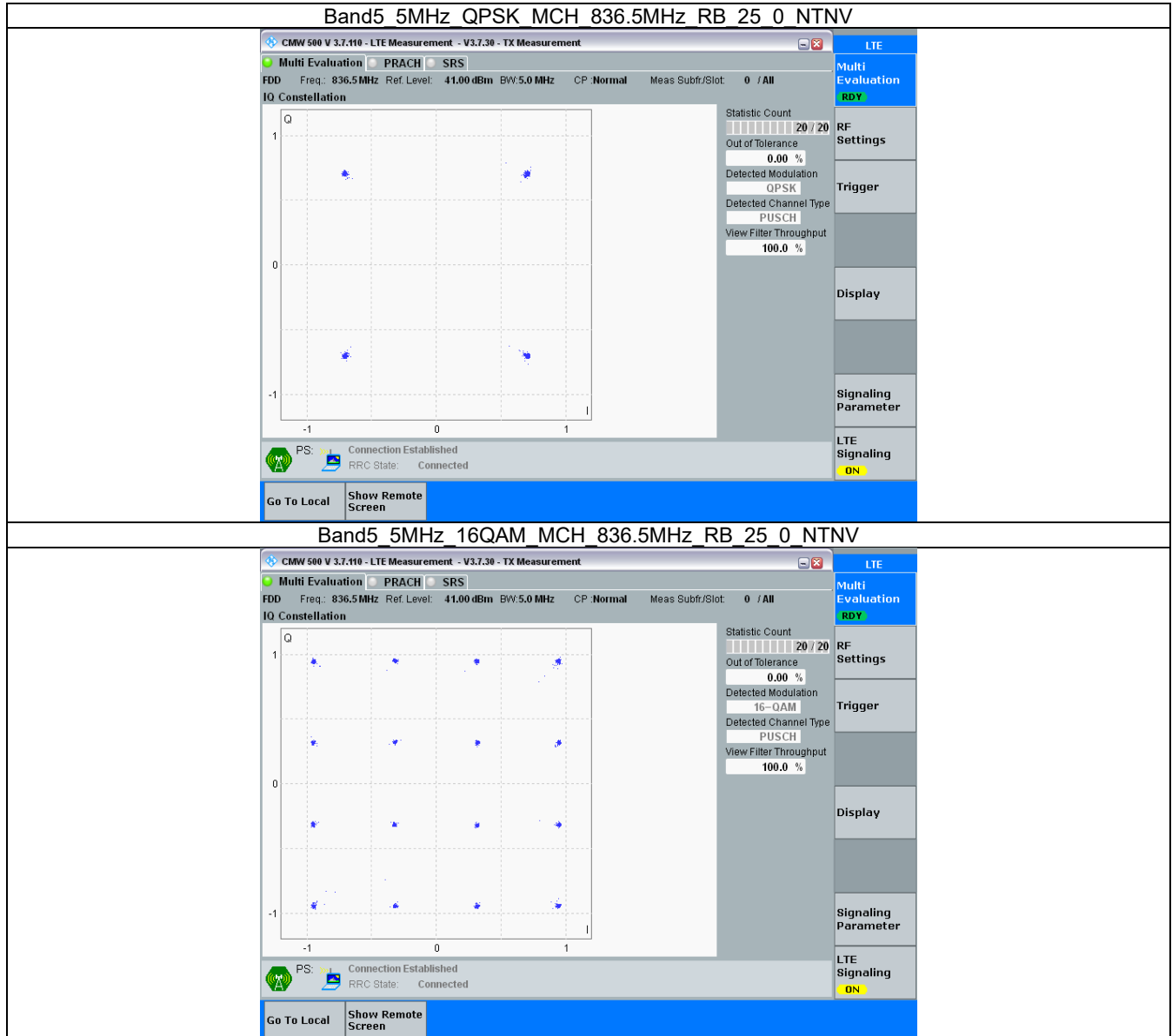
3.2.1 B5_1.4MHz



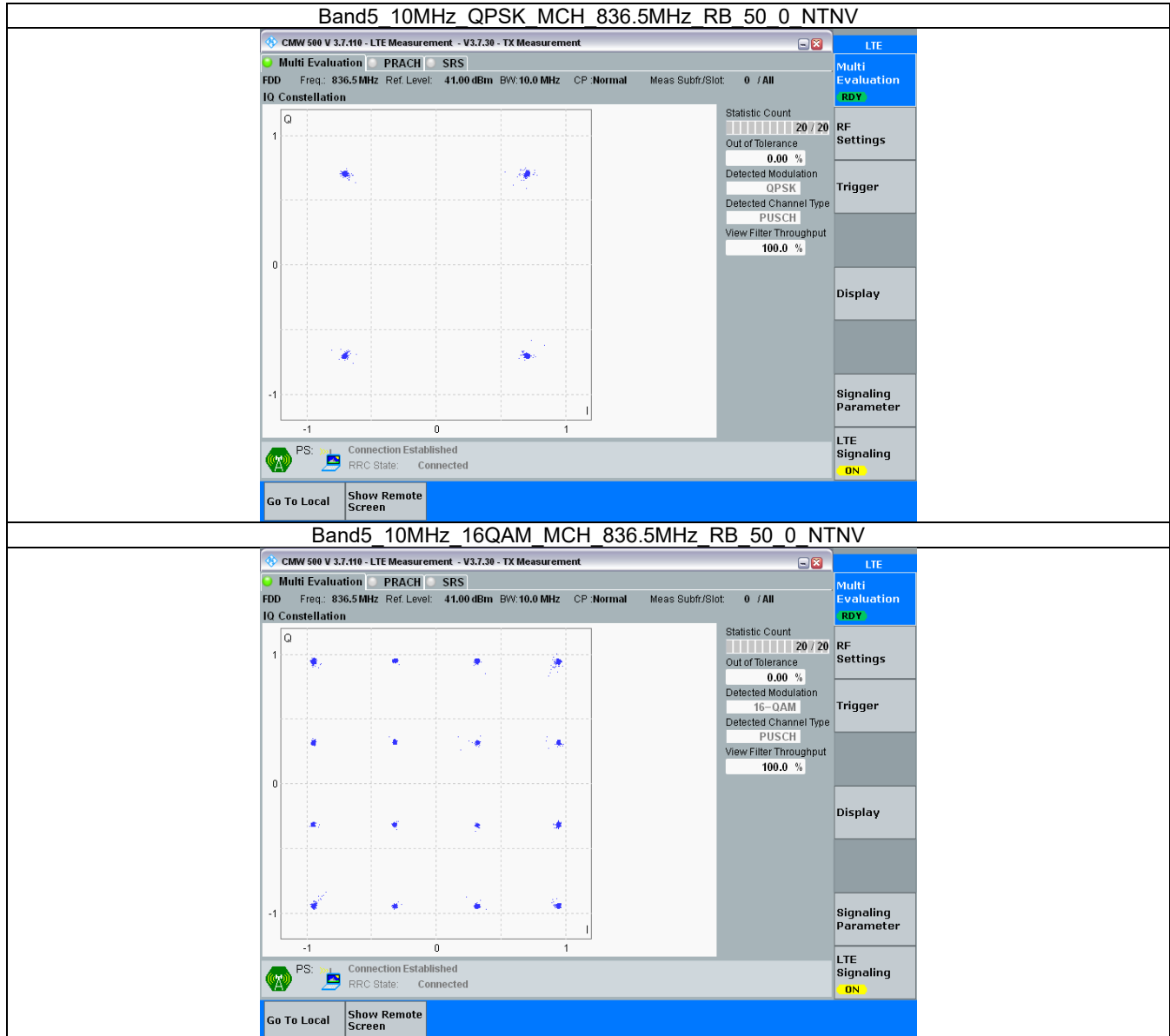
3.2.2 B5_3MHz



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	1.123	/	Pass
		836.5	6	0	1.107	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.110	/	Pass
		836.5	6	0	1.109	/	Pass
		848.3	6	0	1.115	/	Pass
3	QPSK	825.5	15	0	2.731	/	Pass
		836.5	15	0	2.747	/	Pass
		847.5	15	0	2.737	/	Pass
	16QAM	825.5	15	0	2.719	/	Pass
		836.5	15	0	2.724	/	Pass
		847.5	15	0	2.734	/	Pass
5	QPSK	826.5	25	0	4.533	/	Pass
		836.5	25	0	4.544	/	Pass
		846.5	25	0	4.547	/	Pass
	16QAM	826.5	25	0	4.563	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.533	/	Pass
10	QPSK	829	50	0	9.042	/	Pass
		836.5	50	0	9.046	/	Pass
		844	50	0	9.061	/	Pass
	16QAM	829	50	0	9.042	/	Pass
		836.5	50	0	9.050	/	Pass
		844	50	0	9.051	/	Pass

4.1.2 Band5_XDB

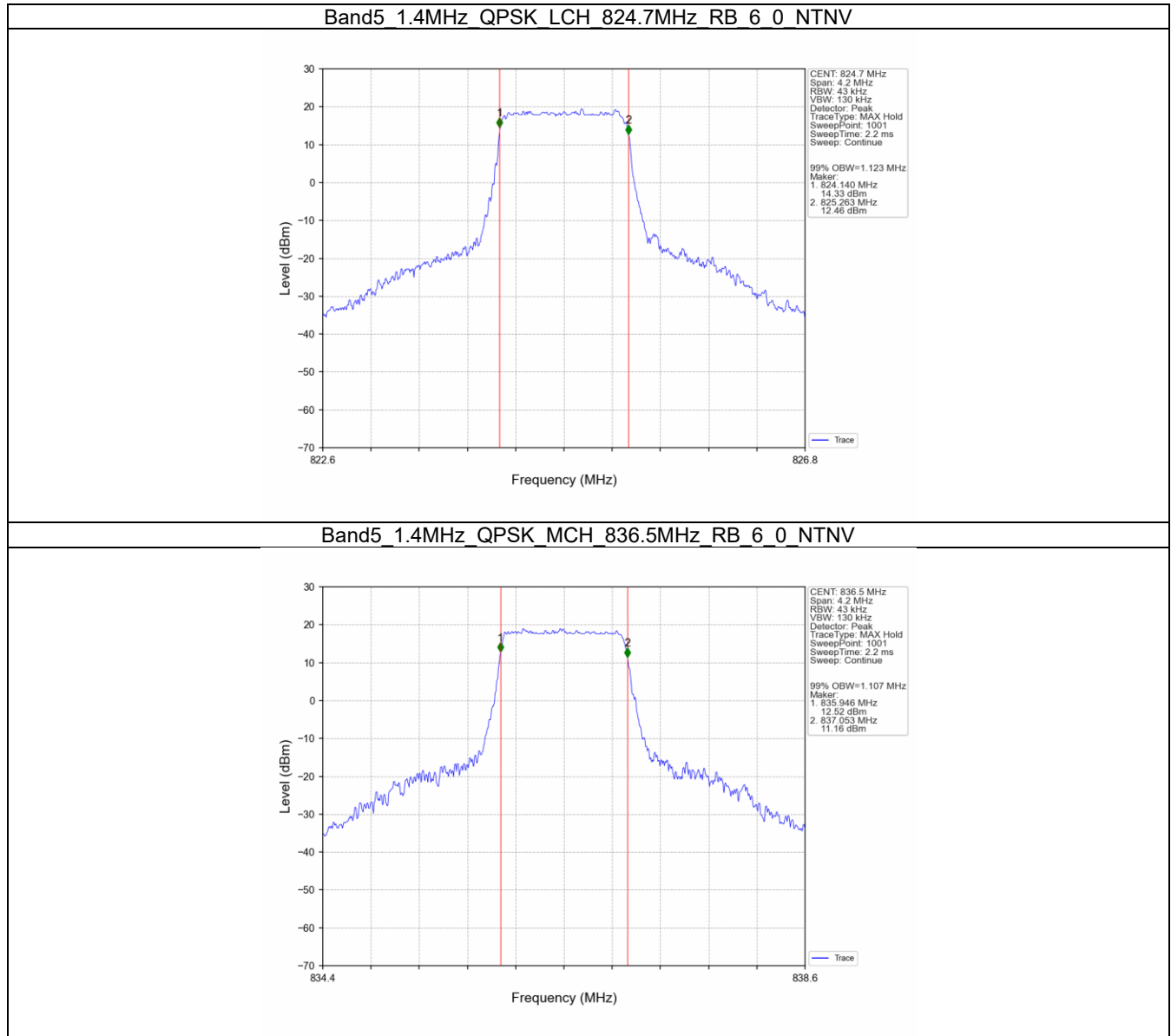
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.320	/	Pass
		836.5	6	0	1.326	/	Pass
		848.3	6	0	1.312	/	Pass
	16QAM	824.7	6	0	1.312	/	Pass
		836.5	6	0	1.304	/	Pass
		848.3	6	0	1.312	/	Pass
3	QPSK	825.5	15	0	3.008	/	Pass
		836.5	15	0	3.020	/	Pass
		847.5	15	0	3.007	/	Pass
	16QAM	825.5	15	0	3.026	/	Pass
		836.5	15	0	3.002	/	Pass
		847.5	15	0	3.043	/	Pass
5	QPSK	826.5	25	0	5.027	/	Pass
		836.5	25	0	5.094	/	Pass
		846.5	25	0	5.083	/	Pass
	16QAM	826.5	25	0	5.085	/	Pass
		836.5	25	0	5.048	/	Pass
		846.5	25	0	5.036	/	Pass
10	QPSK	829	50	0	9.965	/	Pass



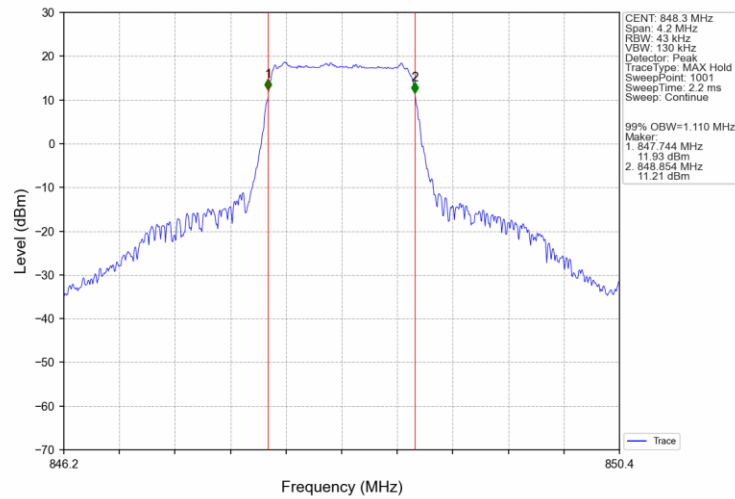
		836.5	50	0	10.005	/	Pass
		844	50	0	9.965	/	Pass
	16QAM	829	50	0	9.996	/	Pass
		836.5	50	0	9.911	/	Pass
		844	50	0	9.978	/	Pass

4.2 Test Graph

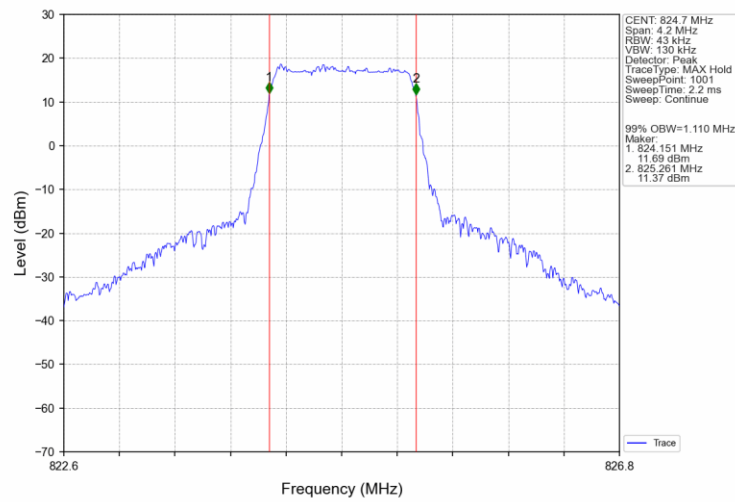
4.2.1 Band5_OBW



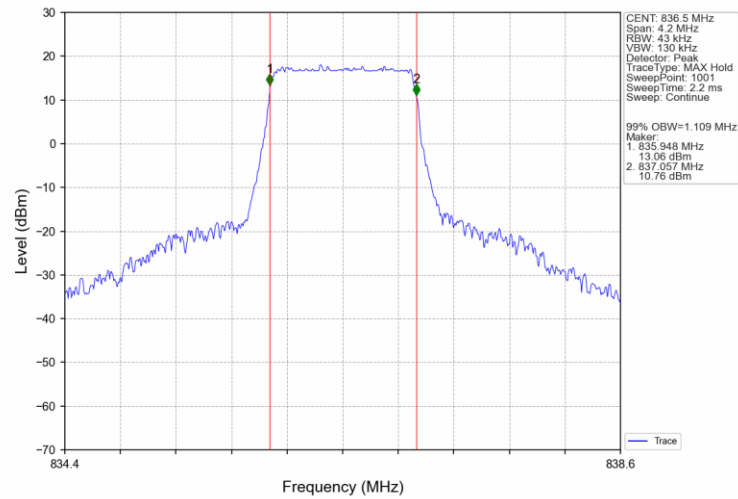
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



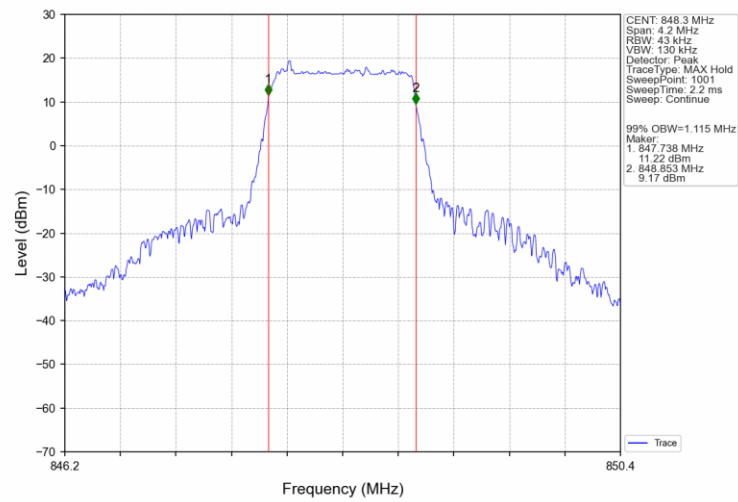
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



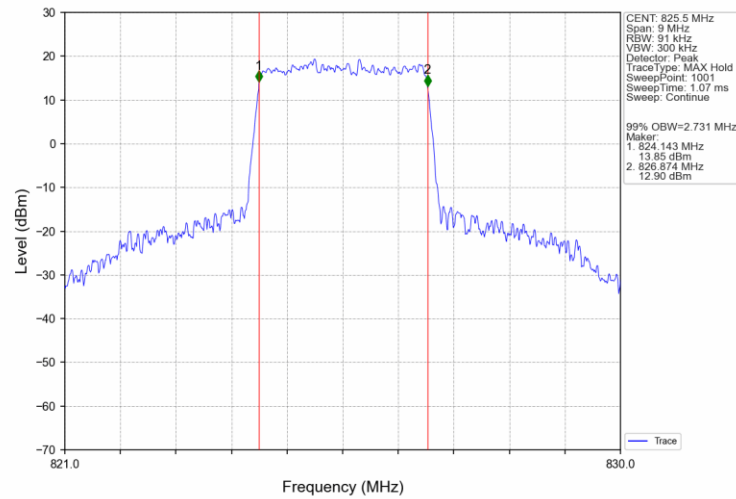
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



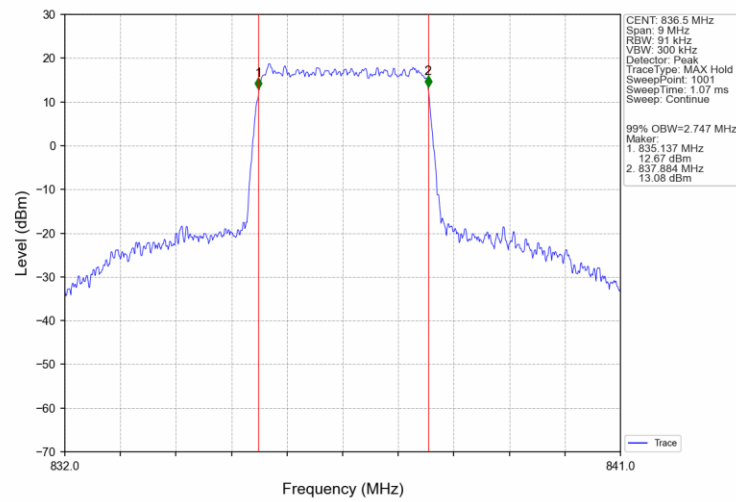
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



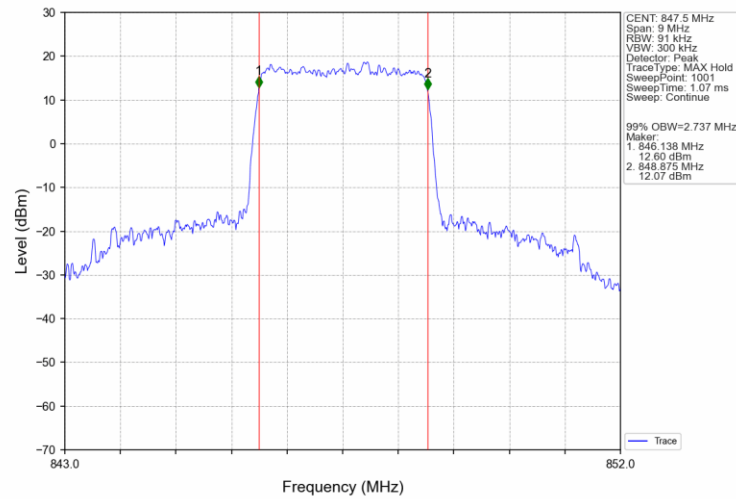
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



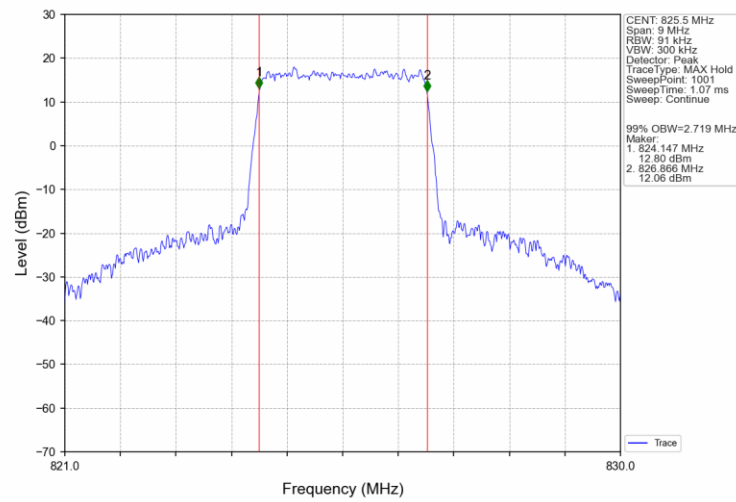
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



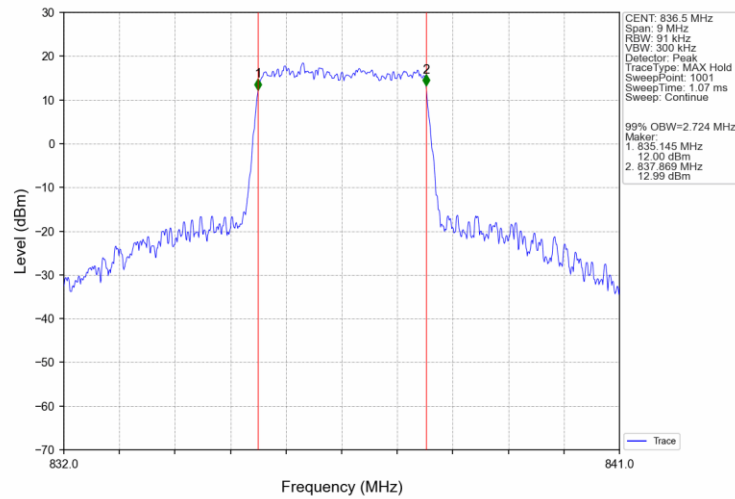
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



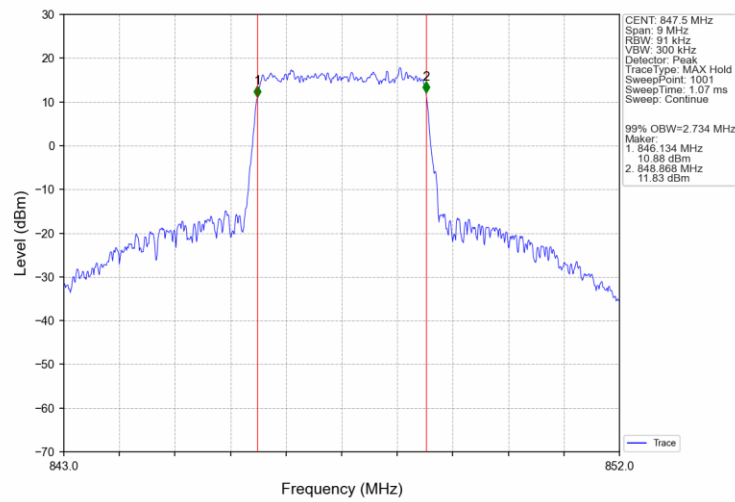
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



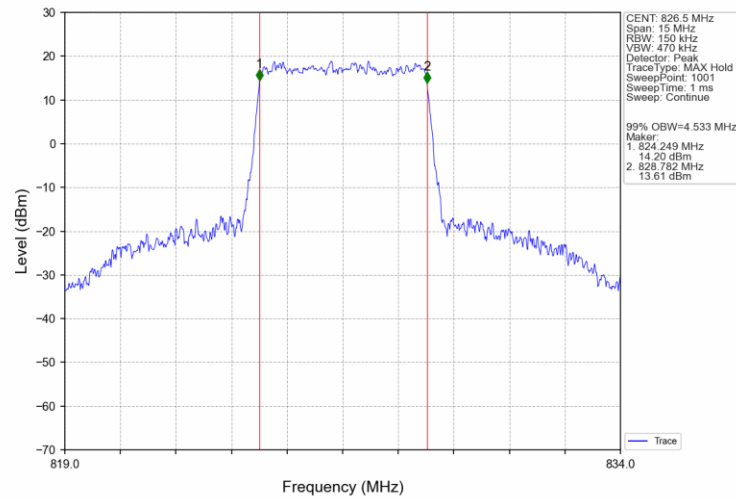
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



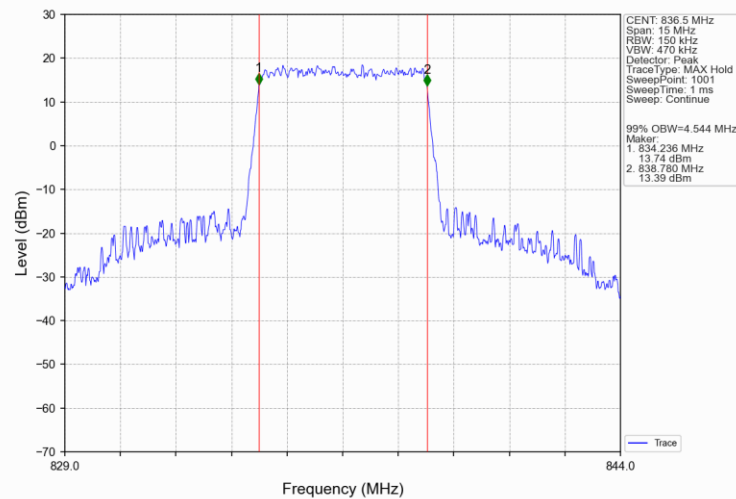
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



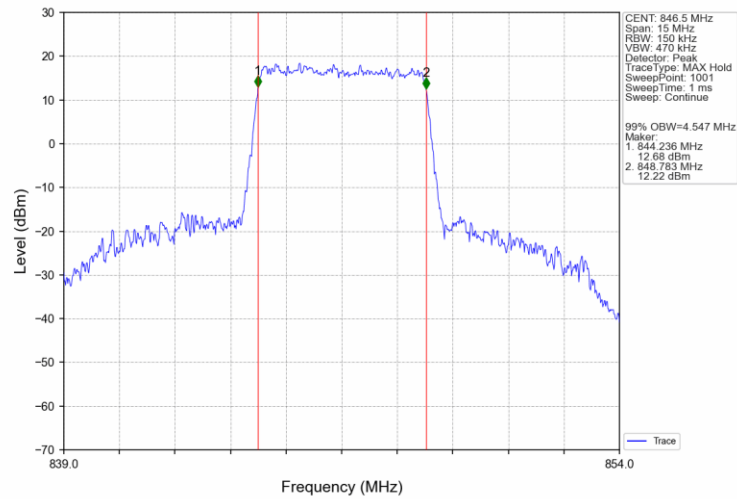
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



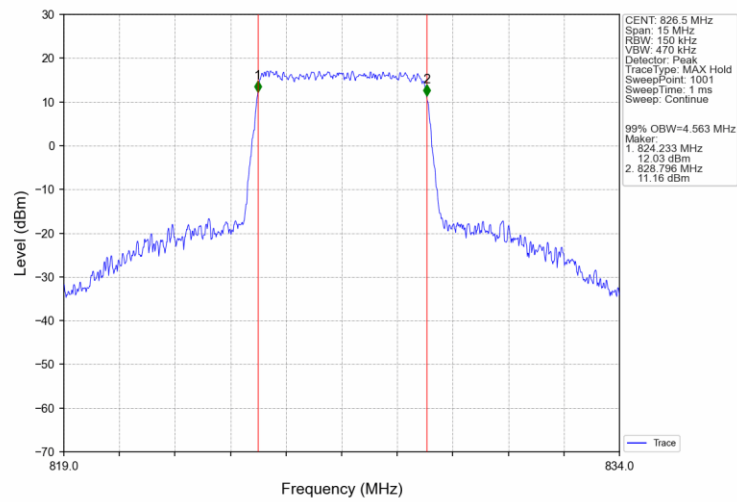
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



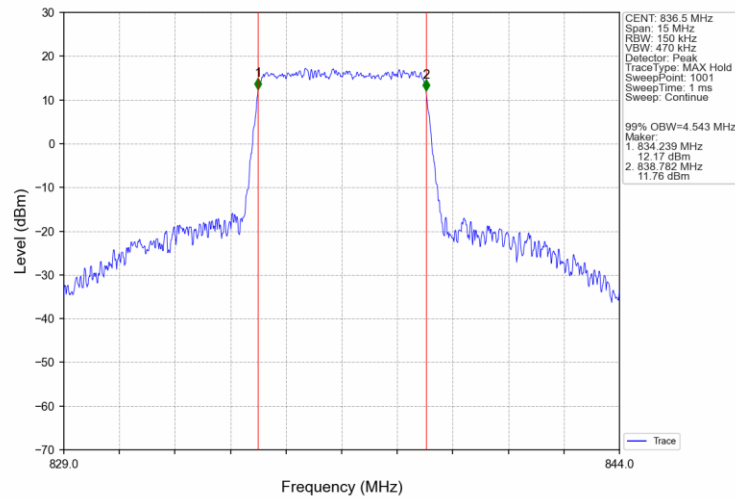
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



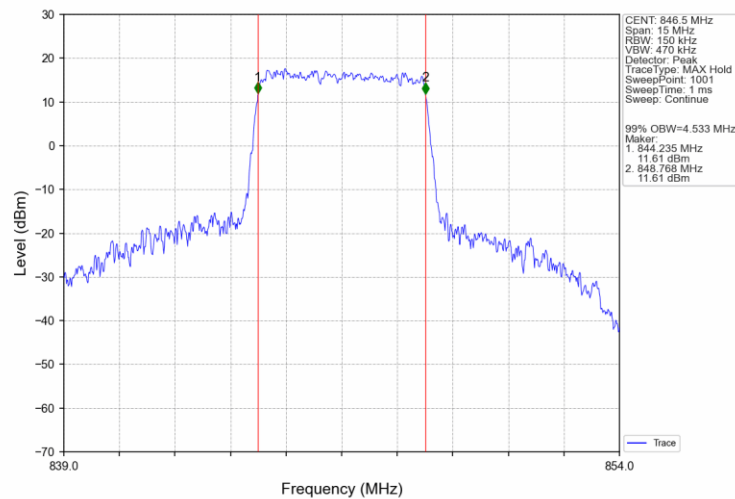
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



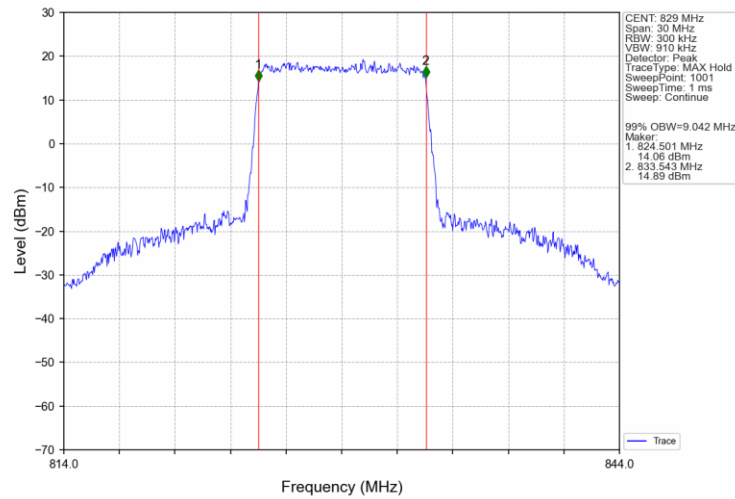
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



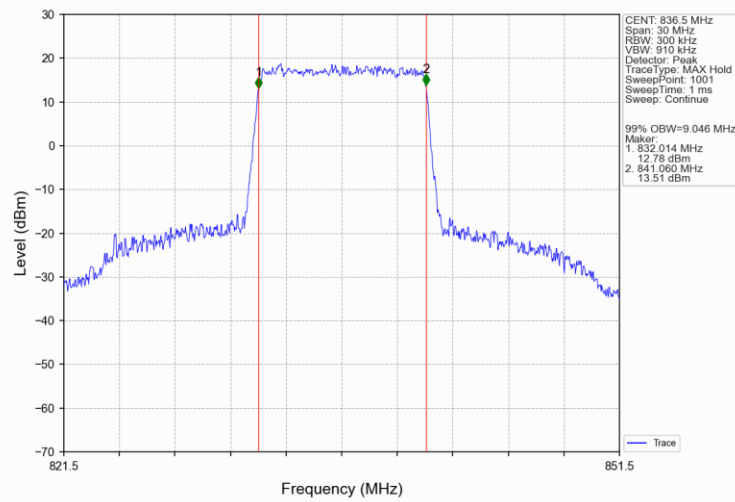
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



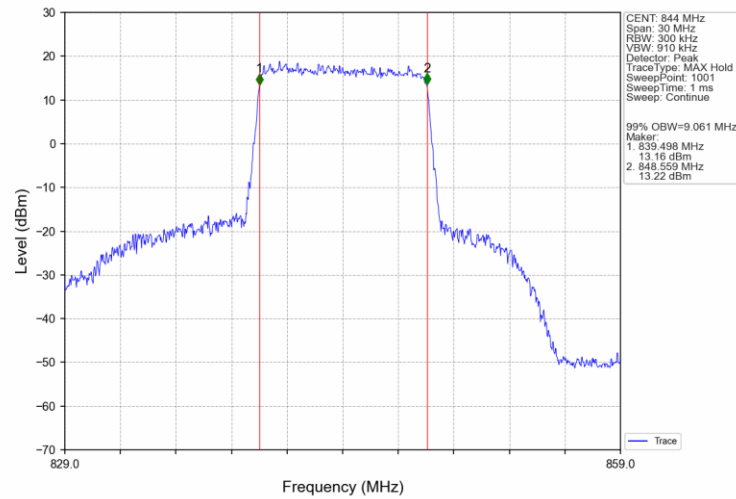
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



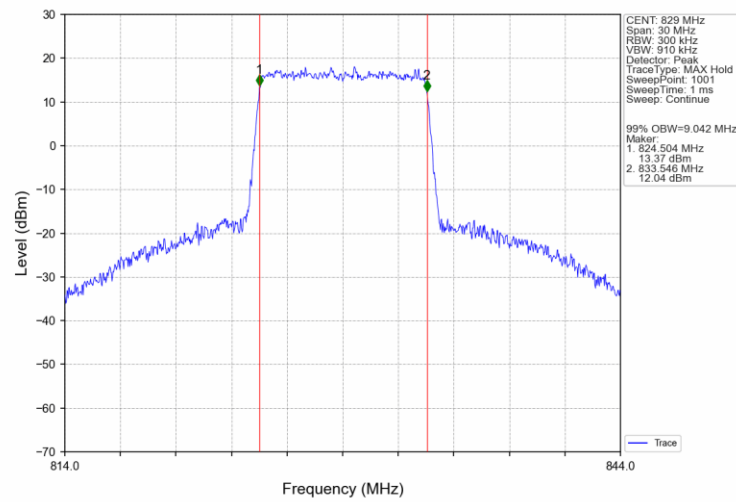
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



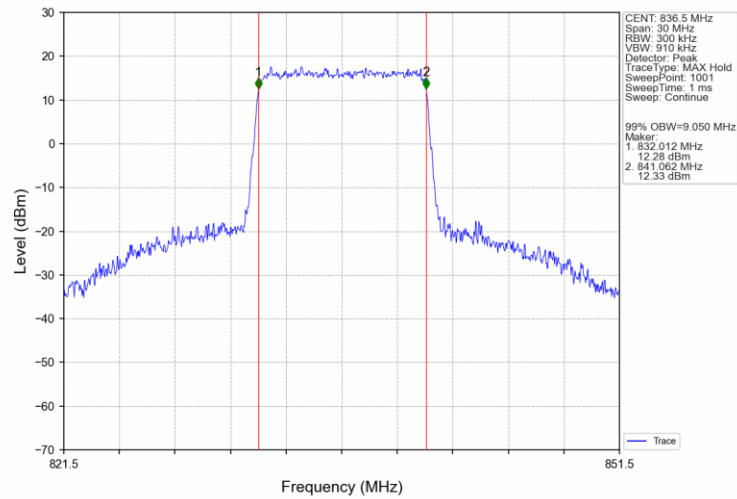
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



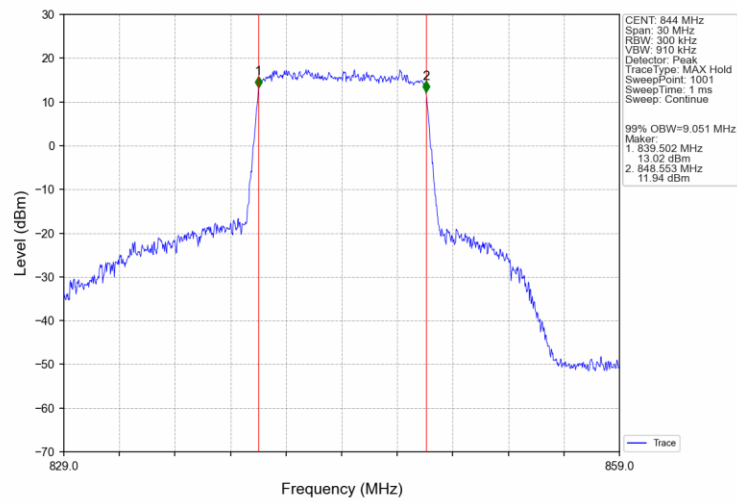
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV

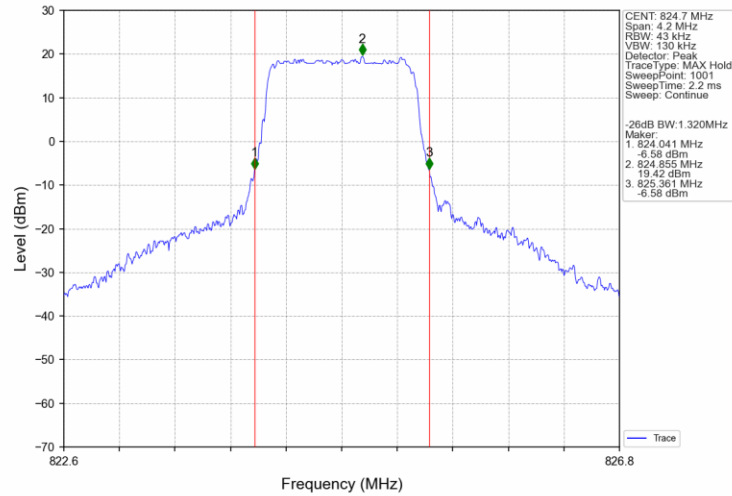


Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV

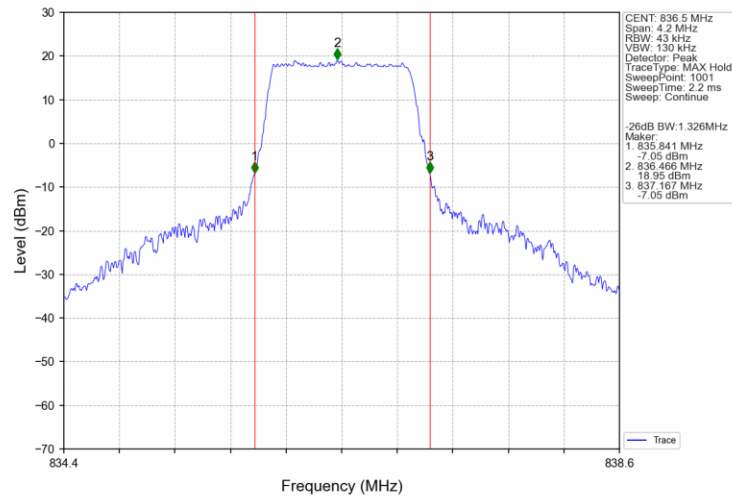


4.2.2 Band5_XDB

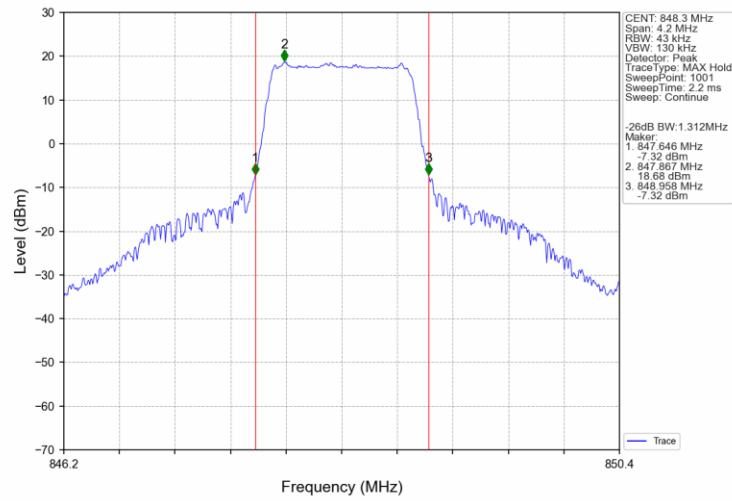
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



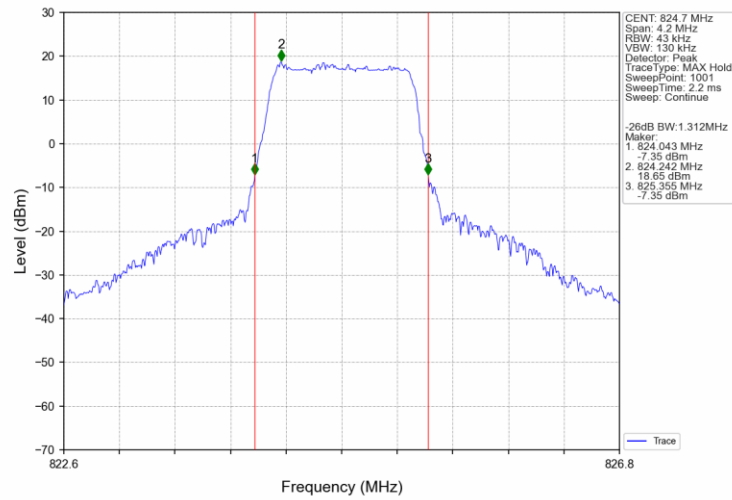
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTN



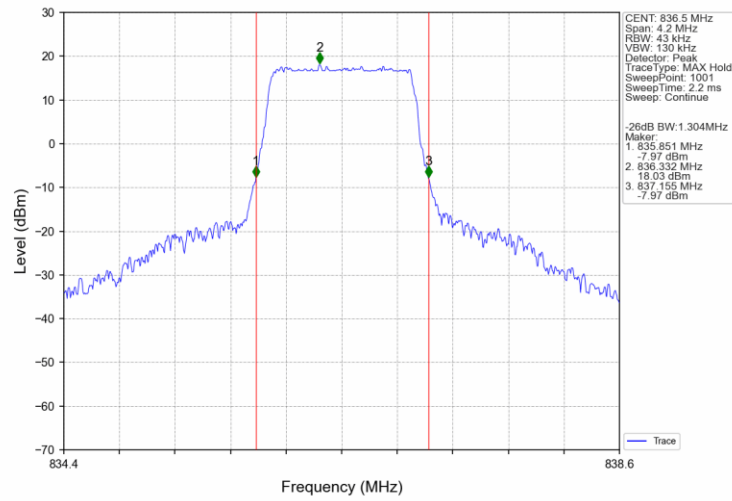
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



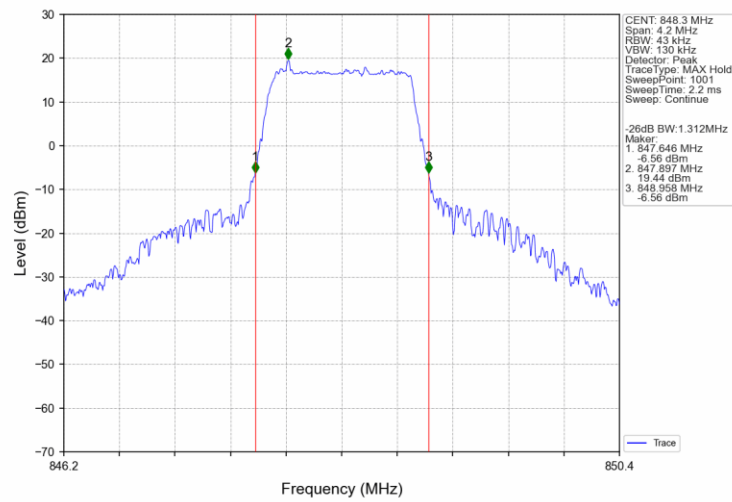
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



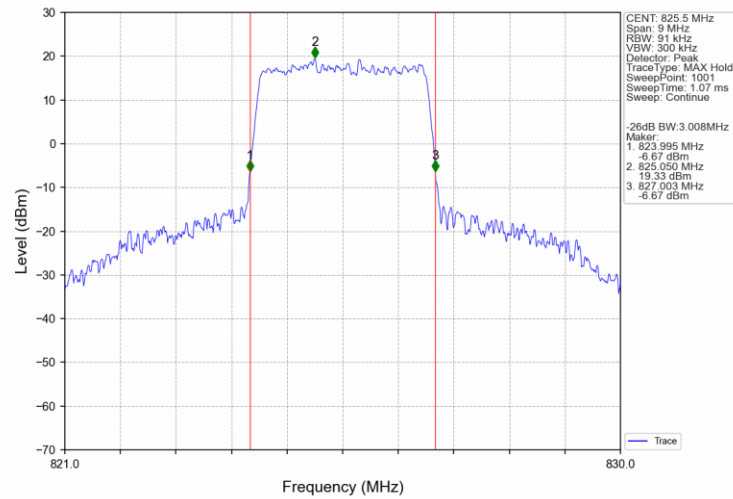
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



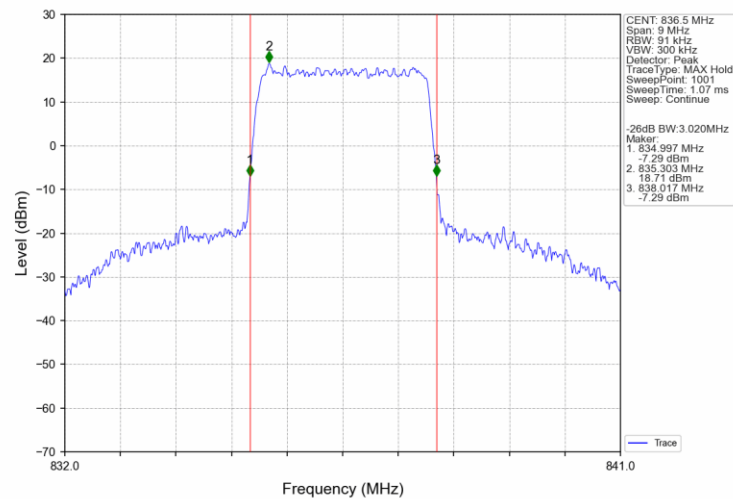
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



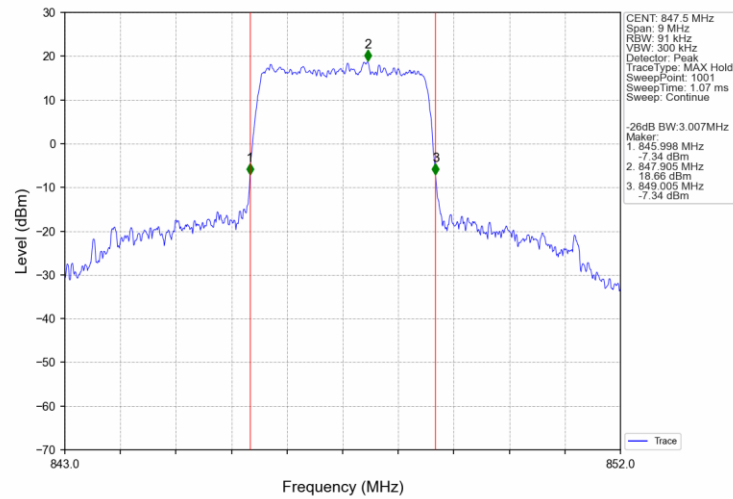
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



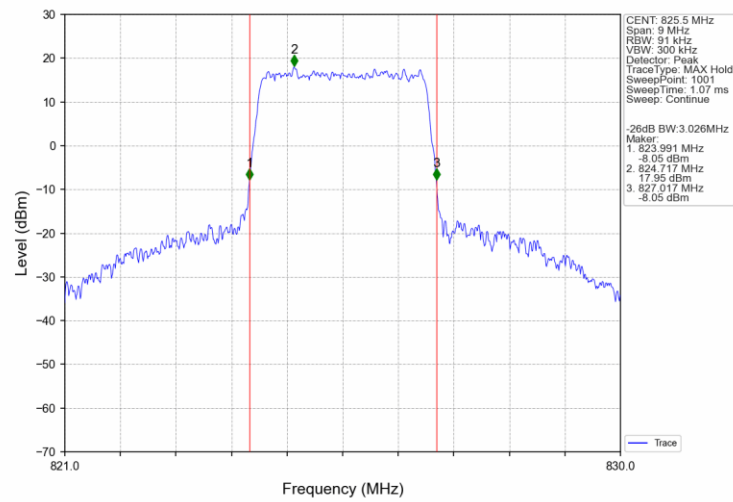
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



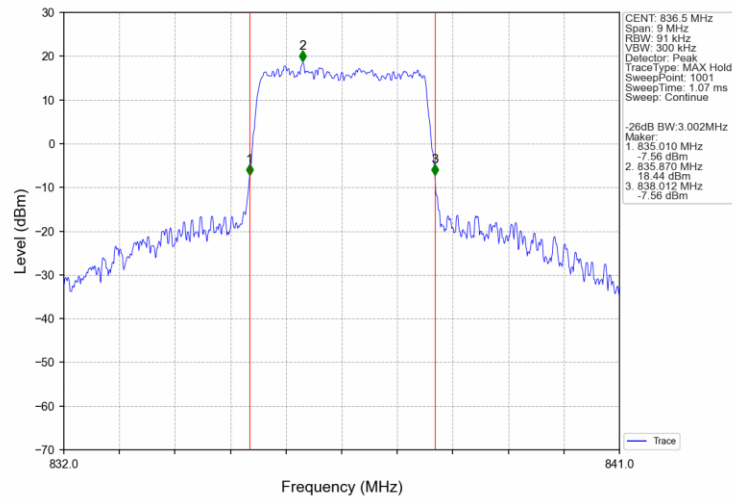
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



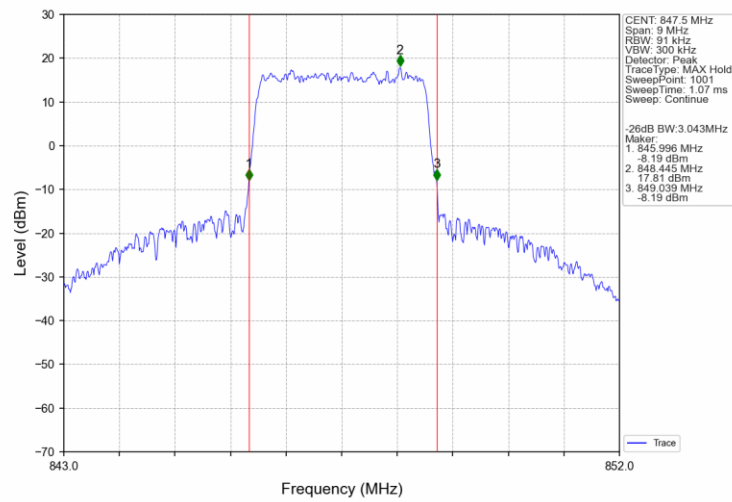
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



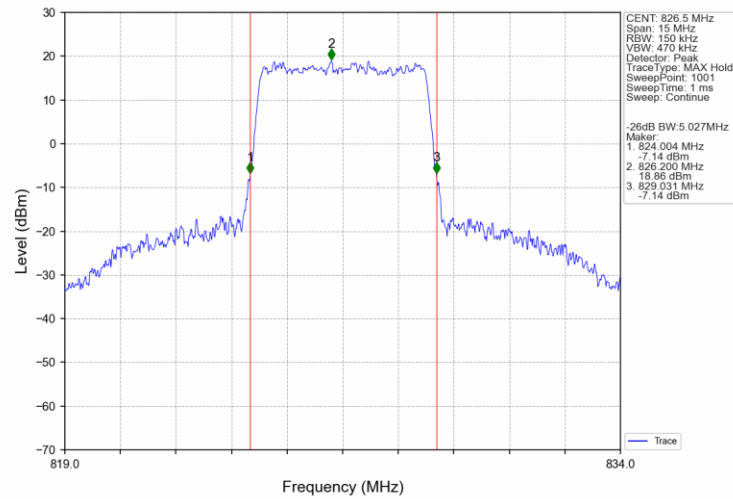
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



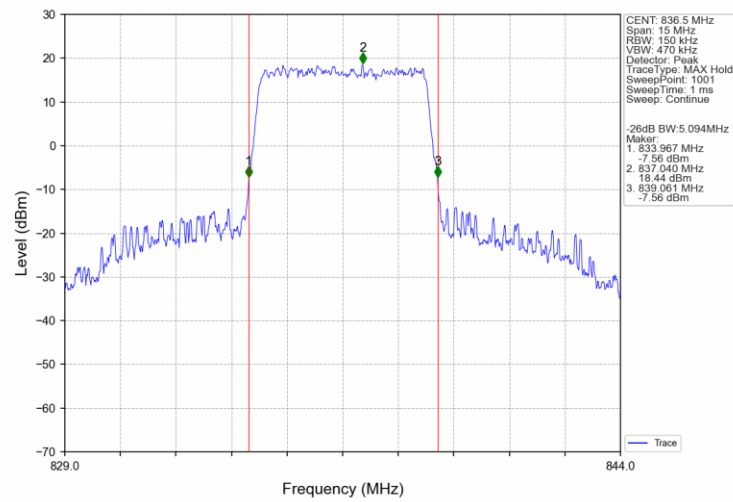
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



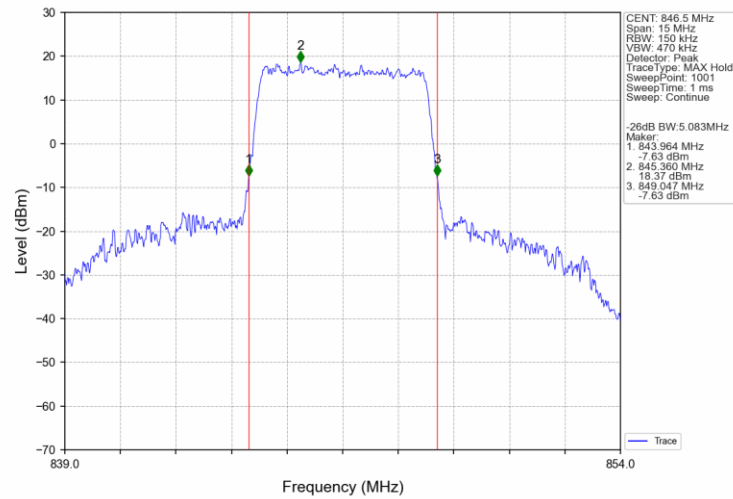
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



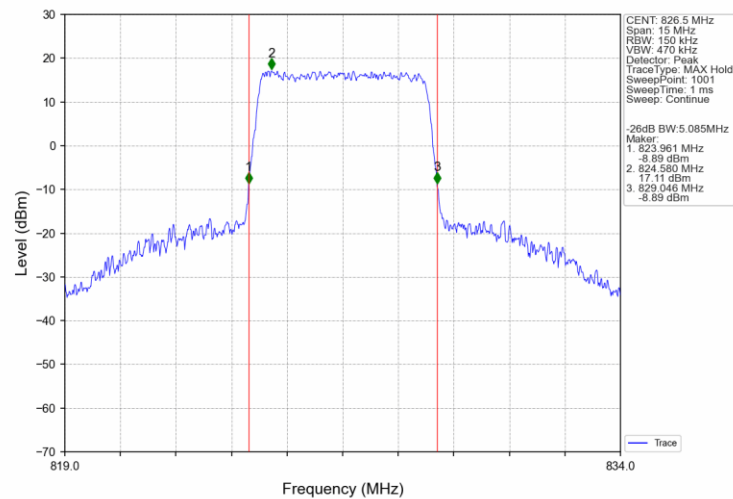
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



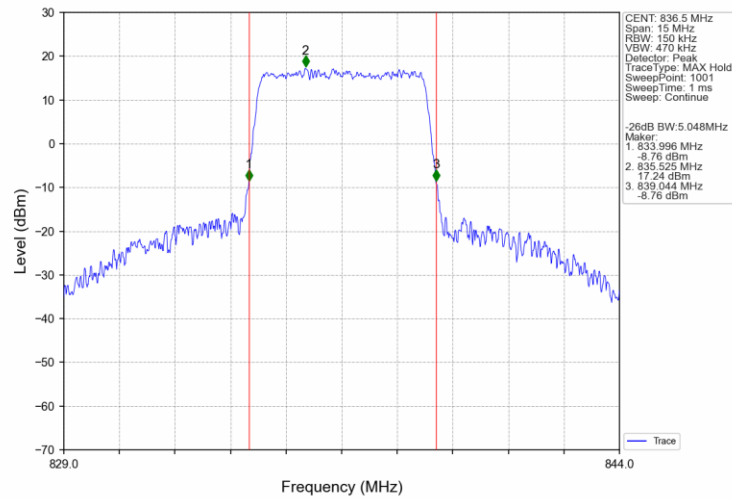
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



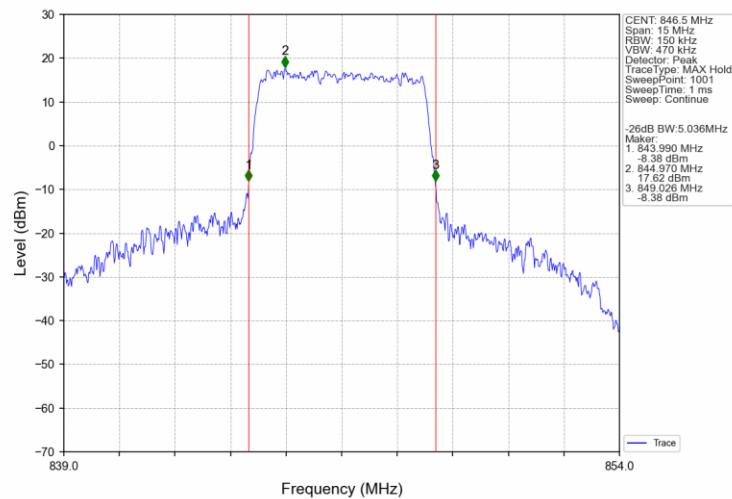
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



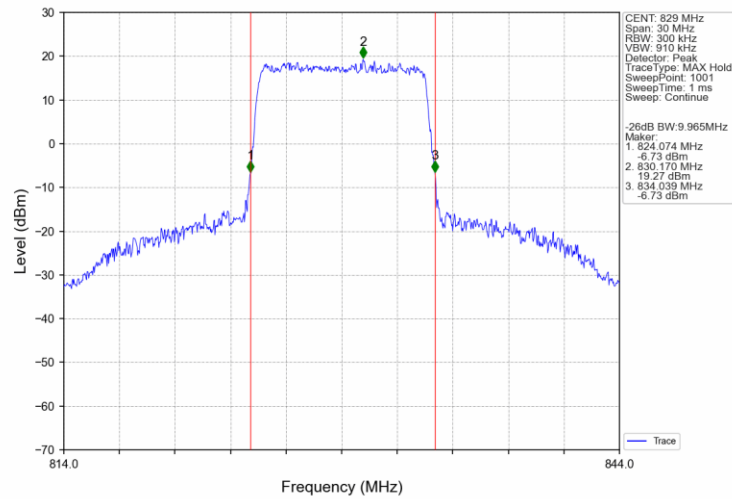
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



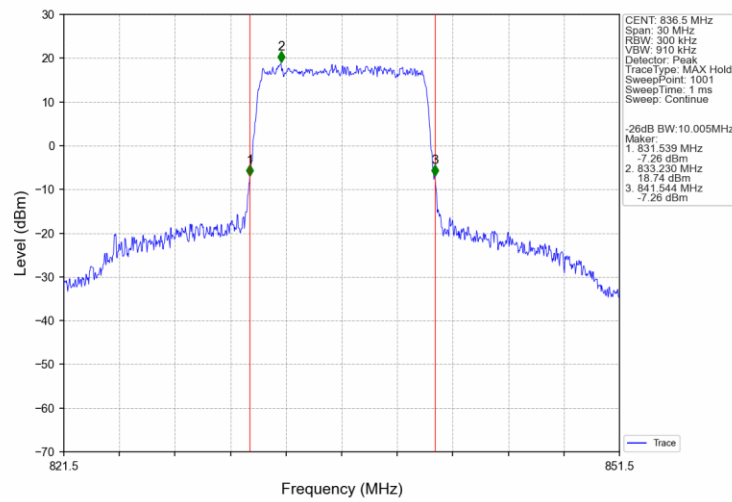
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



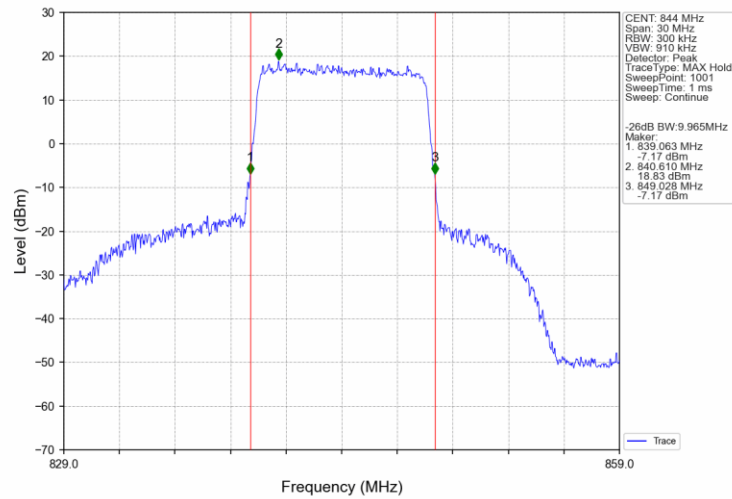
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



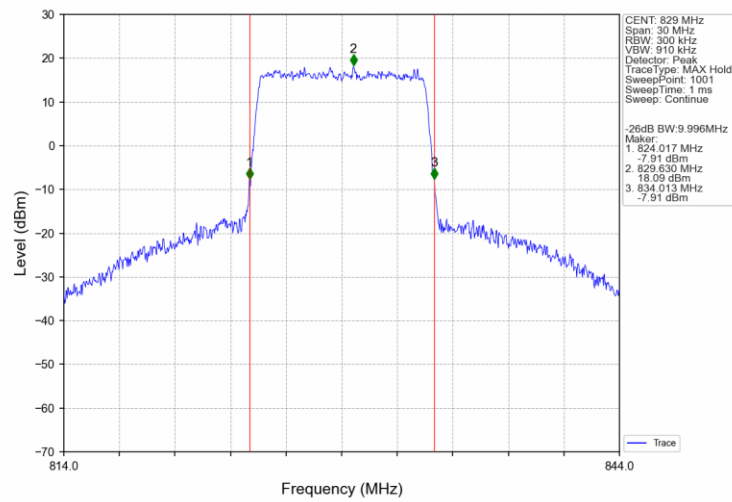
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



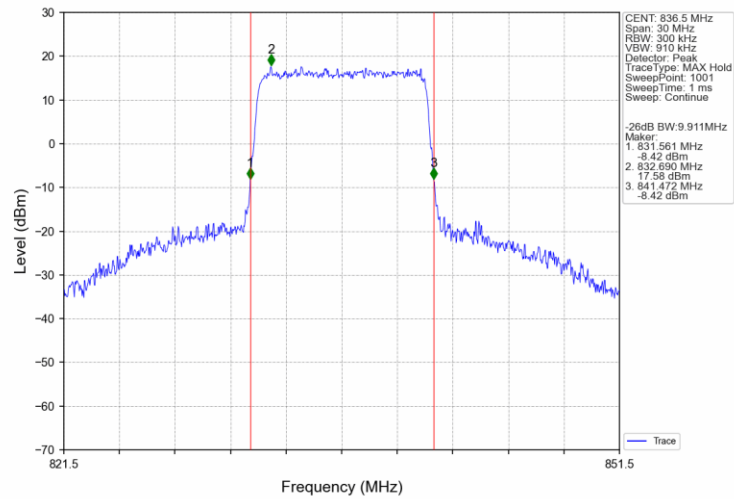
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



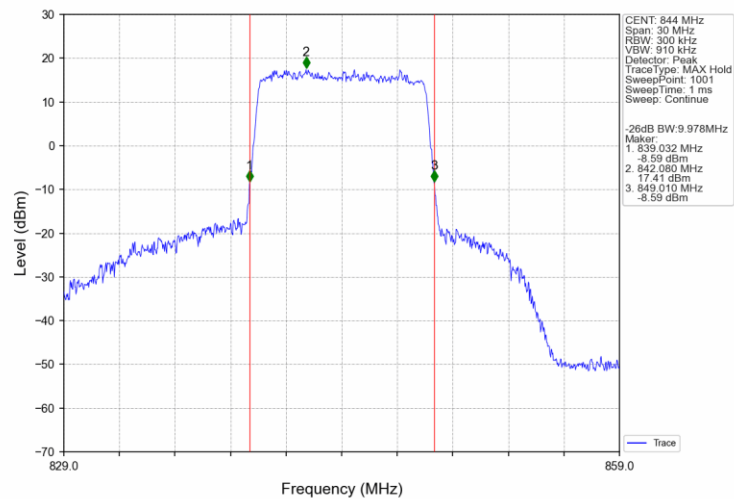
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.83	<=13	Pass
	836.5	6	0	4.90	<=13	Pass
	848.3	6	0	4.74	<=13	Pass
16QAM	824.7	6	0	5.69	<=13	Pass
	836.5	6	0	5.78	<=13	Pass
	848.3	6	0	5.52	<=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	5.01	<=13	Pass
	836.5	15	0	5.07	<=13	Pass
	847.5	15	0	5.01	<=13	Pass
16QAM	825.5	15	0	5.80	<=13	Pass
	836.5	15	0	5.88	<=13	Pass
	847.5	15	0	5.81	<=13	Pass

5.1.3 B5_5MHz

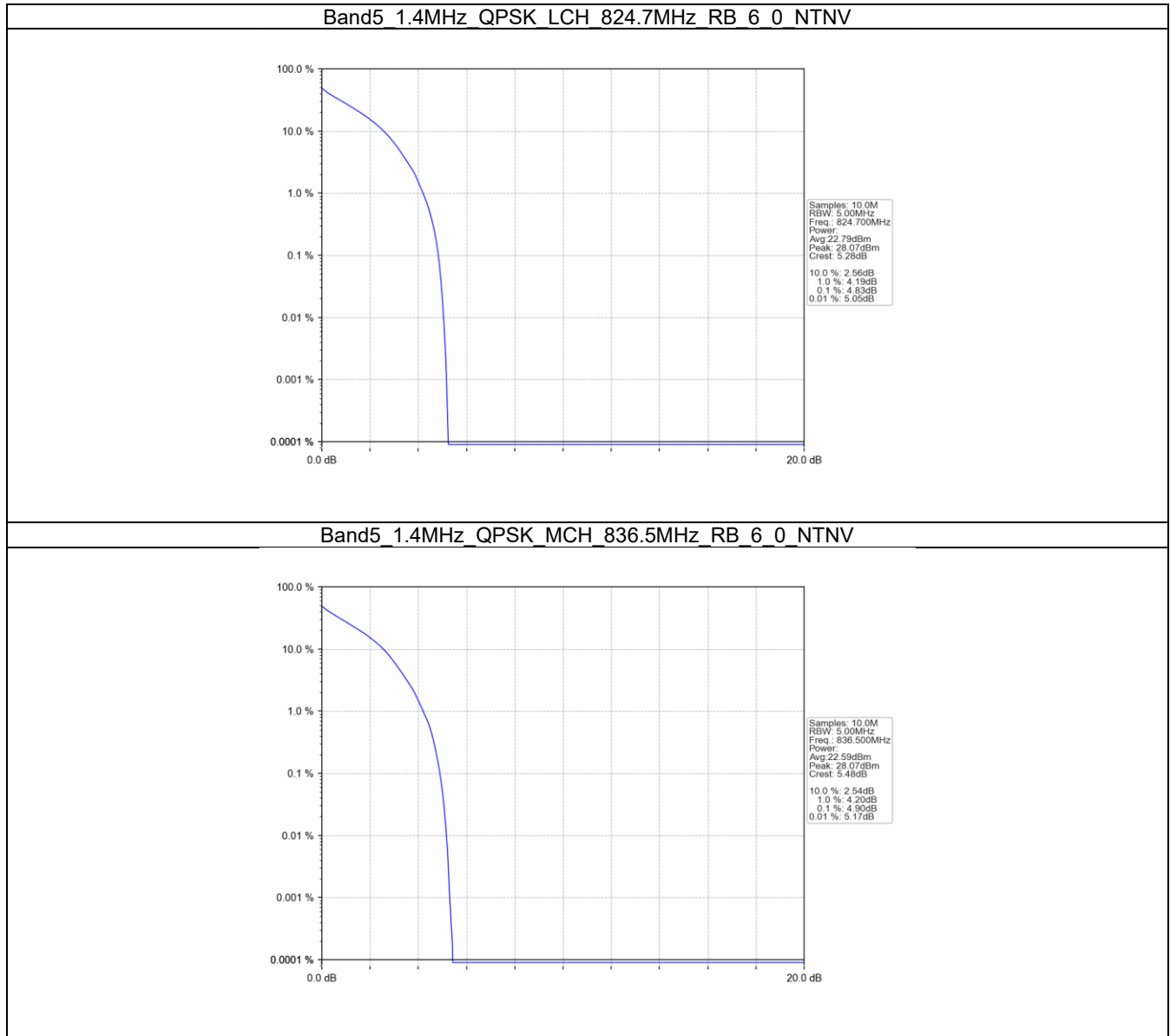
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.18	<=13	Pass
	836.5	25	0	5.37	<=13	Pass
	846.5	25	0	5.32	<=13	Pass
16QAM	826.5	25	0	5.94	<=13	Pass
	836.5	25	0	6.01	<=13	Pass
	846.5	25	0	5.98	<=13	Pass

5.1.4 B5_10MHz

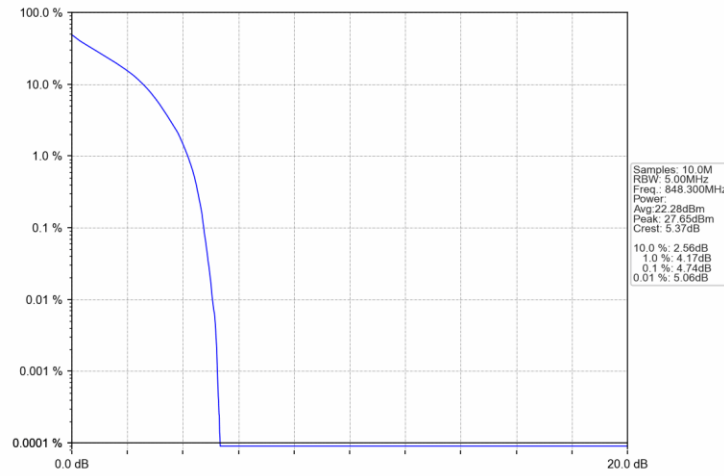
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.20	<=13	Pass
	836.5	50	0	5.26	<=13	Pass
	844	50	0	5.31	<=13	Pass
16QAM	829	50	0	5.97	<=13	Pass
	836.5	50	0	6.06	<=13	Pass
	844	50	0	6.02	<=13	Pass

5.2 Test Graph

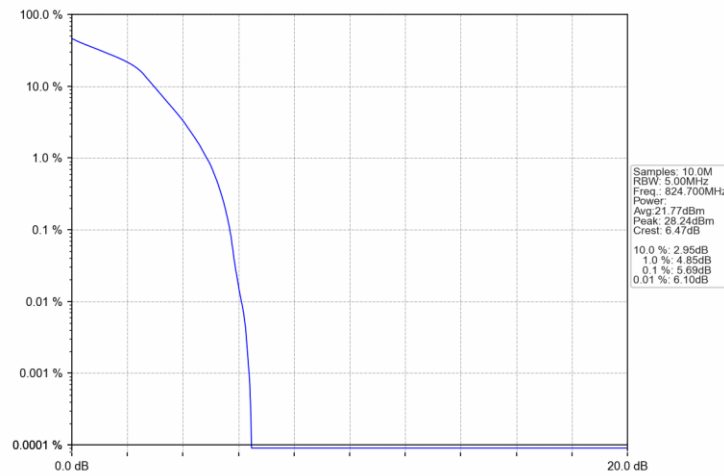
5.2.1 B5_1.4MHz



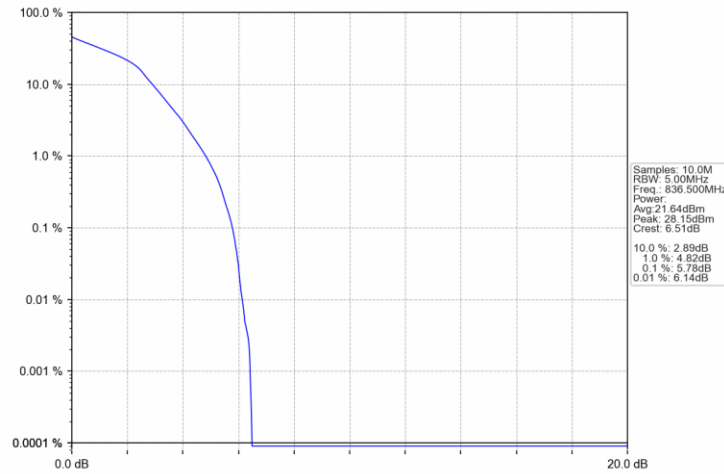
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



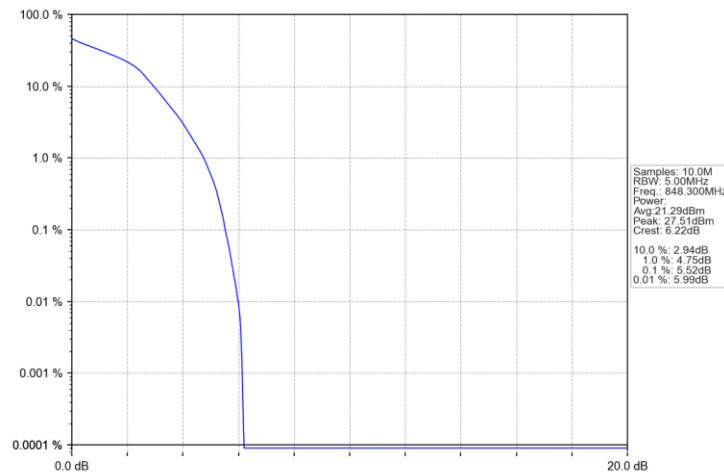
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV

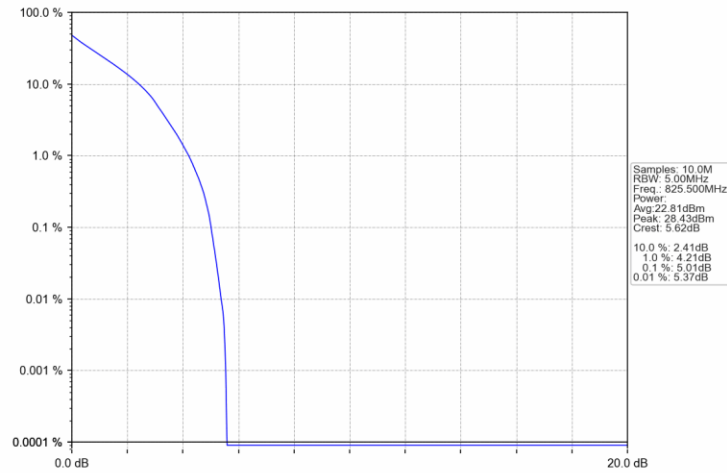


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

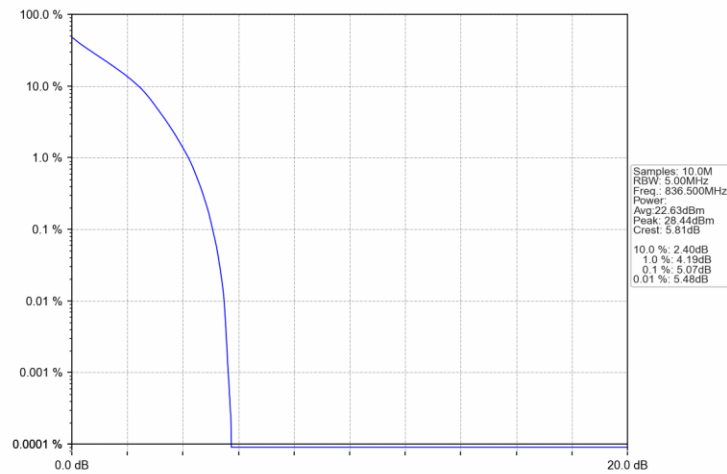


5.2.2 B5_3MHz

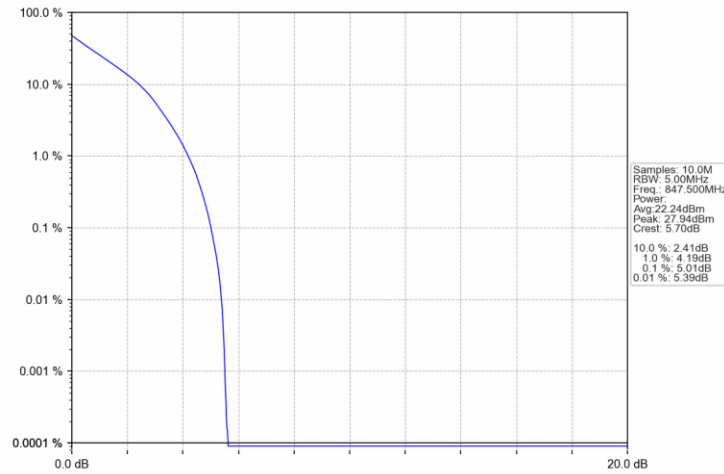
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



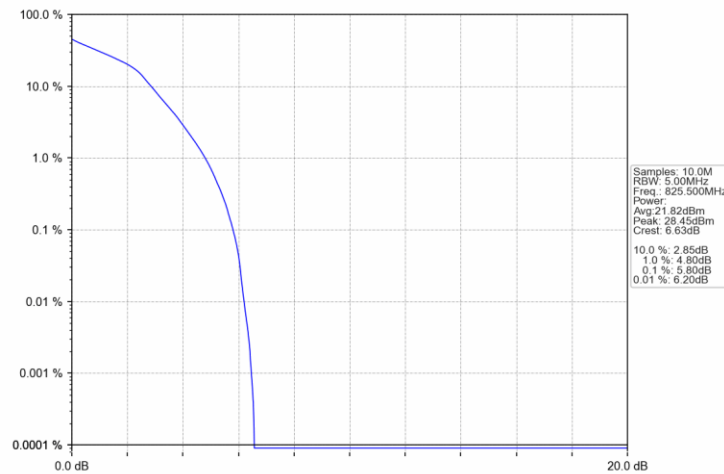
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



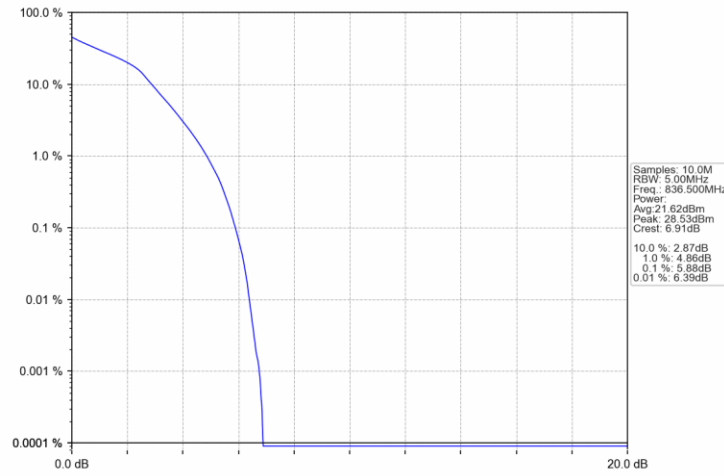
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTV



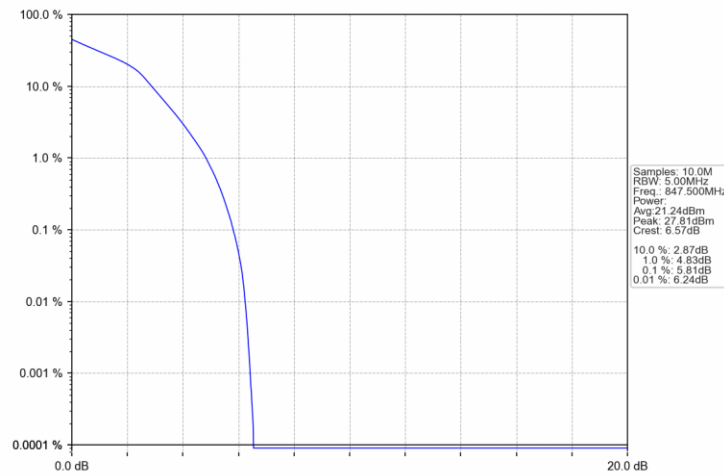
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV

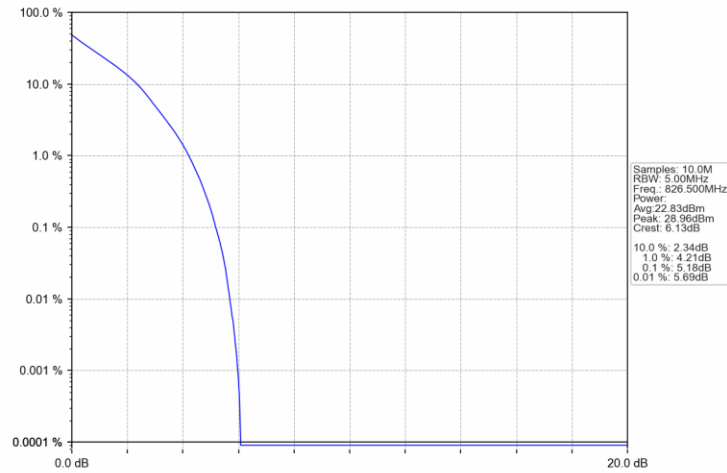


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

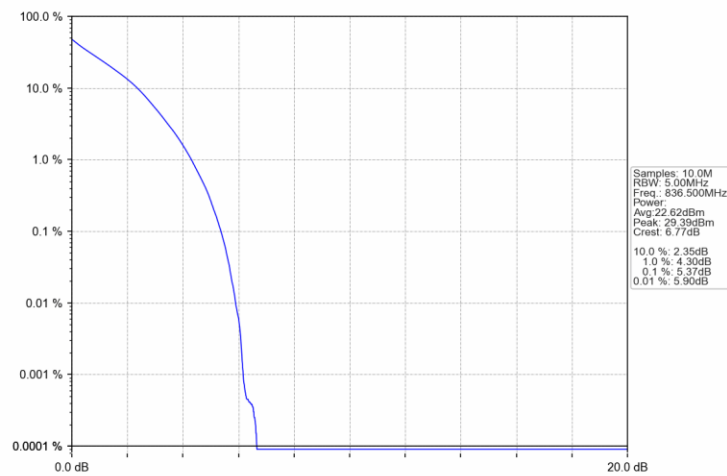


5.2.3 B5_5MHz

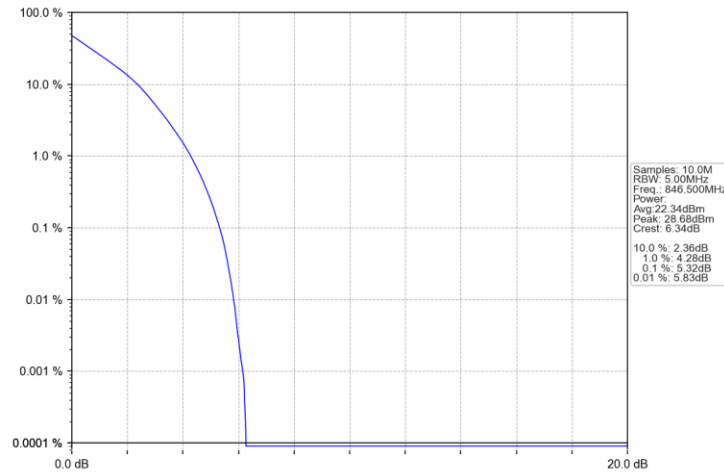
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



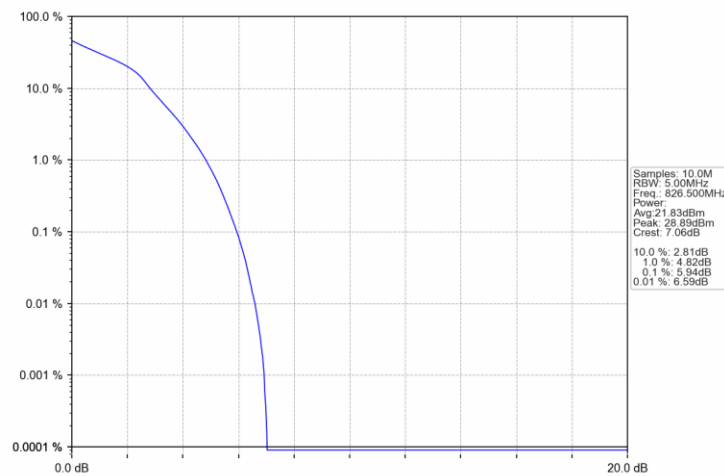
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



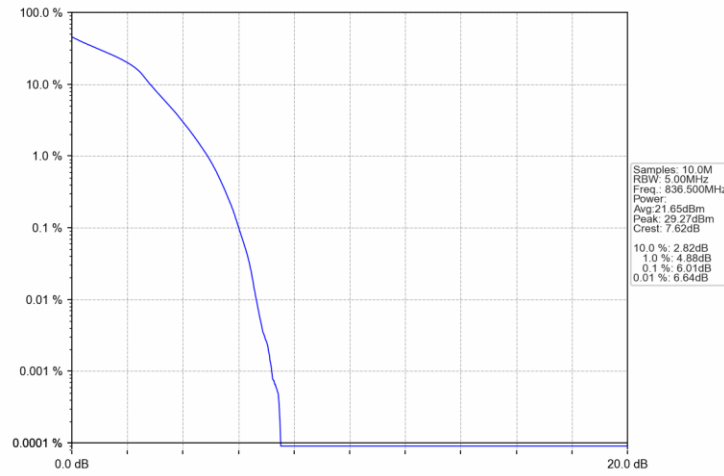
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



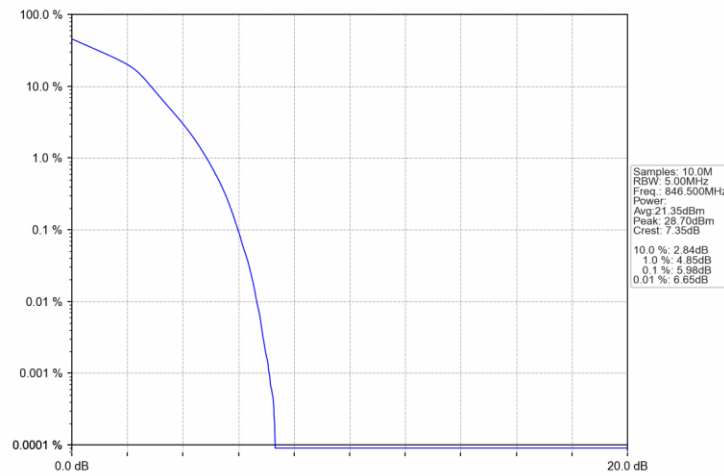
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV

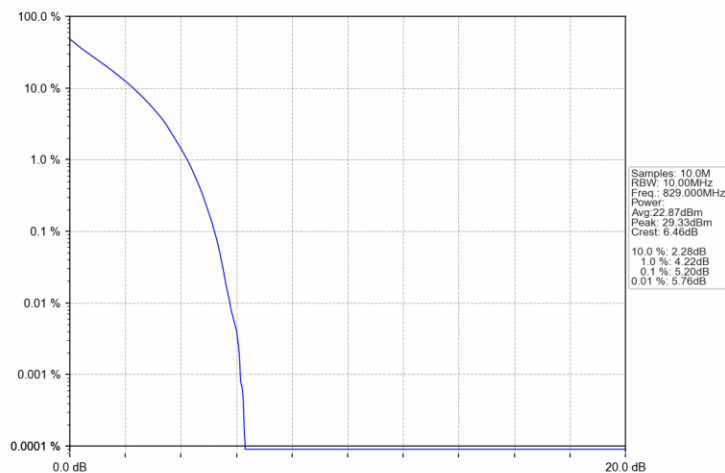


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

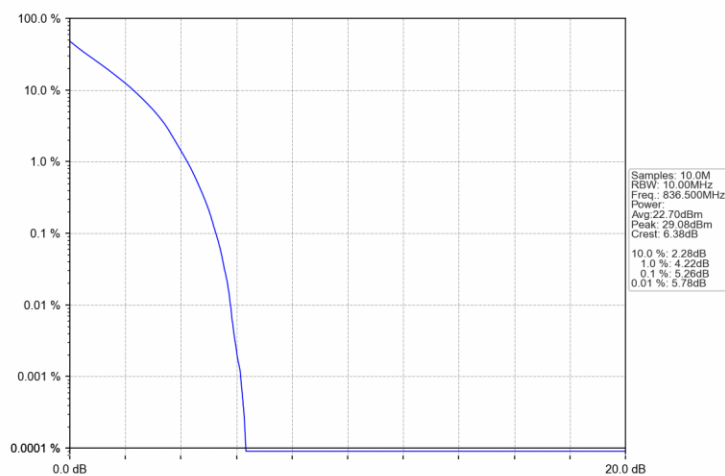


5.2.4 B5_10MHz

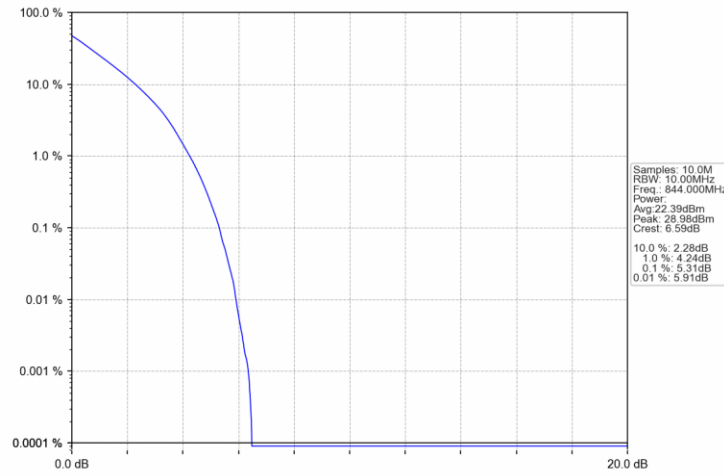
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



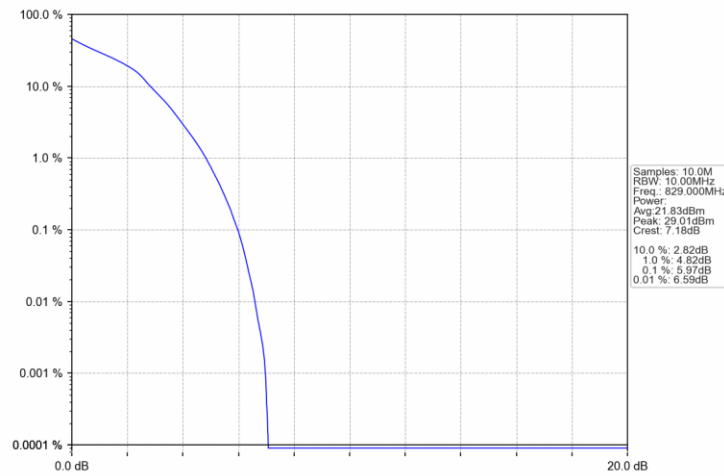
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



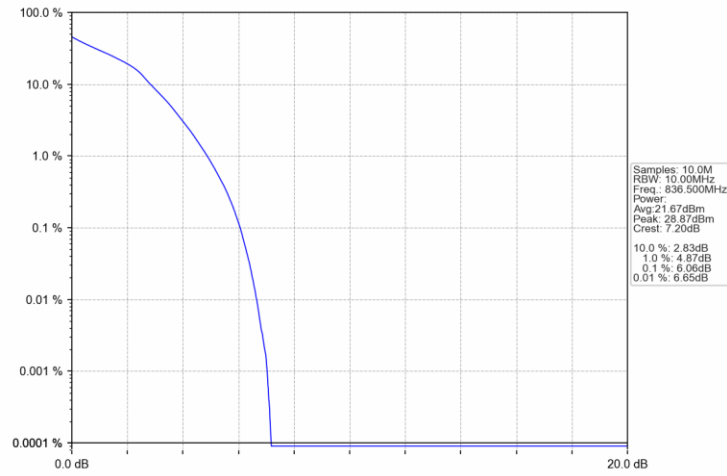
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



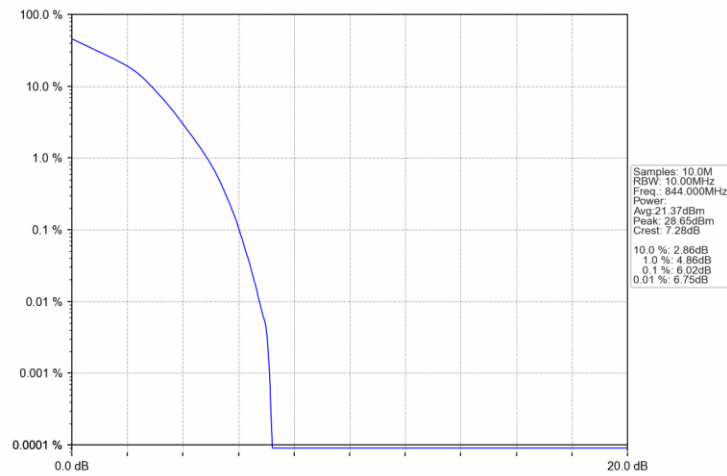
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTV						
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

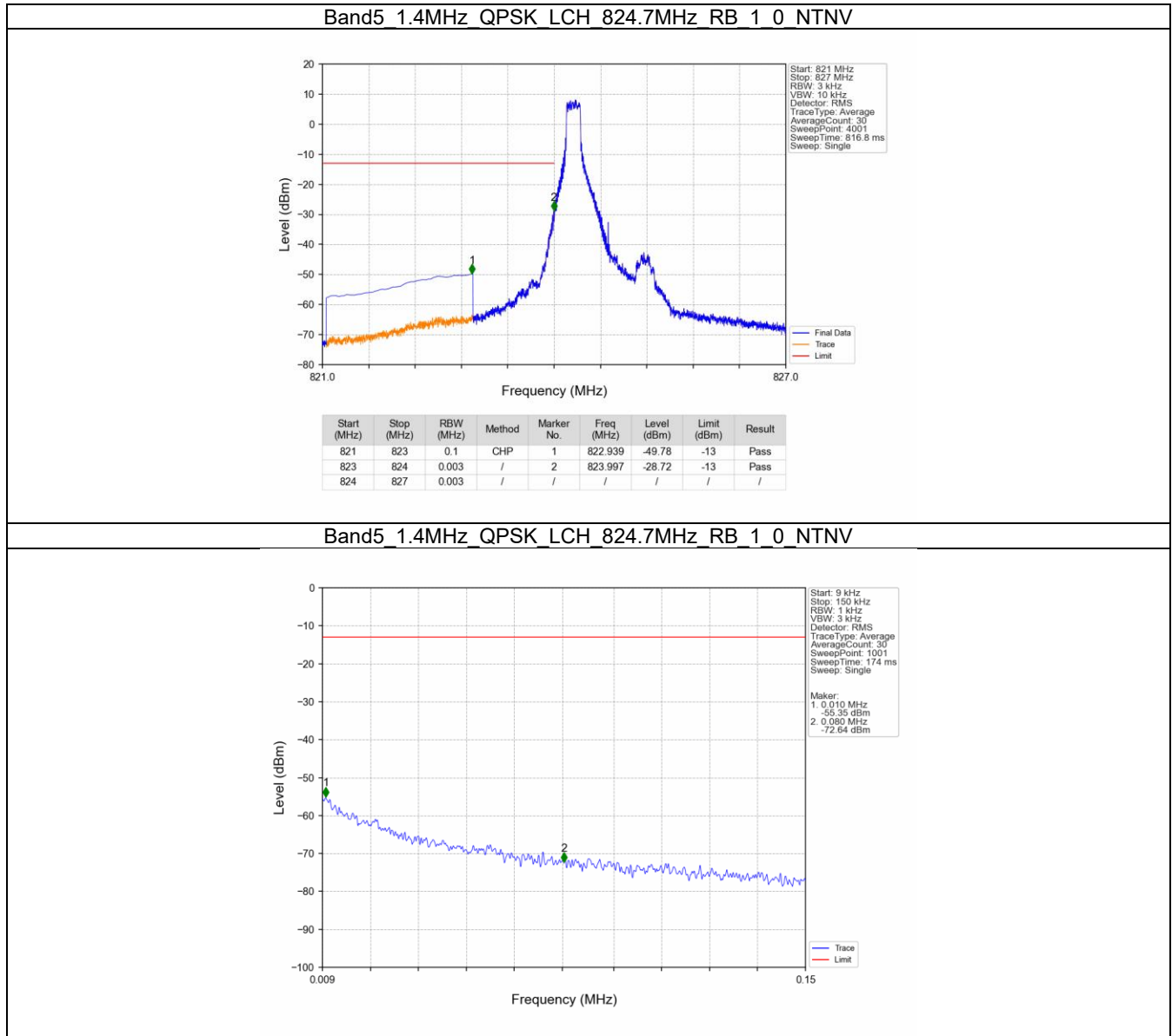
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test 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

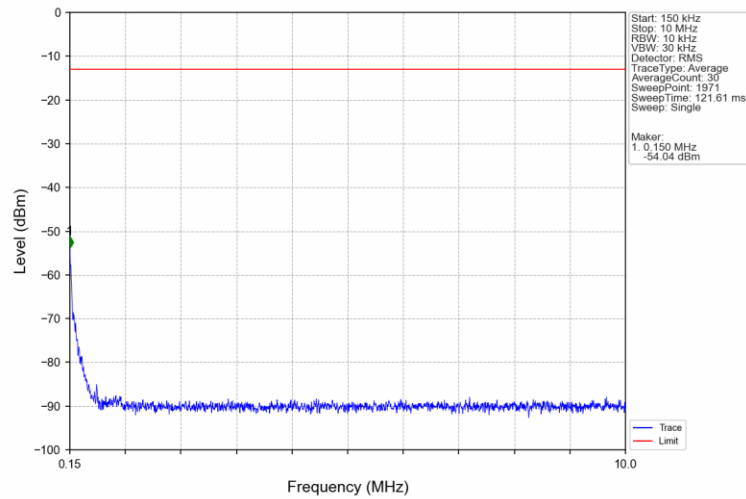
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 B5_1.4MHz



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN

