

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	23.79	-2.70	18.94	<=38.45	Pass
			2	23.81	-2.70	18.96	<=38.45	Pass
			5	23.73	-2.70	18.88	<=38.45	Pass
		3	0	23.86	-2.70	19.01	<=38.45	Pass
			2	23.87	-2.70	19.02	<=38.45	Pass
			3	23.87	-2.70	19.02	<=38.45	Pass
		6	0	22.82	-2.70	17.97	<=38.45	Pass
	836.5	1	0	23.92	-2.70	19.07	<=38.45	Pass
			2	23.79	-2.70	18.94	<=38.45	Pass
			5	23.74	-2.70	18.89	<=38.45	Pass
		3	0	24.00	-2.70	19.15	<=38.45	Pass
			2	24.00	-2.70	19.15	<=38.45	Pass
			3	23.96	-2.70	19.11	<=38.45	Pass
		6	0	22.98	-2.70	18.13	<=38.45	Pass
	848.3	1	0	23.41	-2.70	18.56	<=38.45	Pass
			2	23.41	-2.70	18.56	<=38.45	Pass
			5	23.41	-2.70	18.56	<=38.45	Pass
		3	0	23.87	-2.70	19.02	<=38.45	Pass
			2	23.90	-2.70	19.05	<=38.45	Pass
			3	23.87	-2.70	19.02	<=38.45	Pass
		6	0	22.83	-2.70	17.98	<=38.45	Pass
16QAM	824.7	1	0	22.91	-2.70	18.06	<=38.45	Pass
			2	22.91	-2.70	18.06	<=38.45	Pass
			5	22.89	-2.70	18.04	<=38.45	Pass
		3	0	22.97	-2.70	18.12	<=38.45	Pass
			2	22.94	-2.70	18.09	<=38.45	Pass
			3	22.96	-2.70	18.11	<=38.45	Pass
		6	0	21.90	-2.70	17.05	<=38.45	Pass
	836.5	1	0	22.81	-2.70	17.96	<=38.45	Pass
			2	22.85	-2.70	18.00	<=38.45	Pass
			5	22.81	-2.70	17.96	<=38.45	Pass
		3	0	23.02	-2.70	18.17	<=38.45	Pass
			2	22.97	-2.70	18.12	<=38.45	Pass
			3	23.02	-2.70	18.17	<=38.45	Pass
		6	0	22.01	-2.70	17.16	<=38.45	Pass
	848.3	1	0	22.28	-2.70	17.43	<=38.45	Pass
			2	22.31	-2.70	17.46	<=38.45	Pass
			5	22.31	-2.70	17.46	<=38.45	Pass
		3	0	22.67	-2.70	17.82	<=38.45	Pass
			2	22.72	-2.70	17.87	<=38.45	Pass
			3	22.71	-2.70	17.86	<=38.45	Pass
		6	0	21.84	-2.70	16.99	<=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	23.38	-2.70	18.53	<=38.45	Pass
			7	23.36	-2.70	18.51	<=38.45	Pass
			14	23.39	-2.70	18.54	<=38.45	Pass
		8	0	22.82	-2.70	17.97	<=38.45	Pass
			4	22.82	-2.70	17.97	<=38.45	Pass
			7	22.85	-2.70	18.00	<=38.45	Pass
		15	0	22.86	-2.70	18.01	<=38.45	Pass
	836.5	1	0	23.50	-2.70	18.65	<=38.45	Pass
			7	23.53	-2.70	18.68	<=38.45	Pass
			14	23.53	-2.70	18.68	<=38.45	Pass
		8	0	22.88	-2.70	18.03	<=38.45	Pass
			4	22.94	-2.70	18.09	<=38.45	Pass
			7	22.93	-2.70	18.08	<=38.45	Pass
		15	0	22.95	-2.70	18.10	<=38.45	Pass
	847.5	1	0	23.35	-2.70	18.50	<=38.45	Pass
			7	23.32	-2.70	18.47	<=38.45	Pass
			14	23.28	-2.70	18.43	<=38.45	Pass
		8	0	22.83	-2.70	17.98	<=38.45	Pass
			4	22.80	-2.70	17.95	<=38.45	Pass
			7	22.81	-2.70	17.96	<=38.45	Pass
		15	0	22.86	-2.70	18.01	<=38.45	Pass
16QAM	825.5	1	0	22.68	-2.70	17.83	<=38.45	Pass
			7	22.67	-2.70	17.82	<=38.45	Pass
			14	22.75	-2.70	17.90	<=38.45	Pass
		8	0	21.85	-2.70	17.00	<=38.45	Pass
			4	21.89	-2.70	17.04	<=38.45	Pass
			7	21.88	-2.70	17.03	<=38.45	Pass
		15	0	21.90	-2.70	17.05	<=38.45	Pass
	836.5	1	0	22.40	-2.70	17.55	<=38.45	Pass
			7	22.42	-2.70	17.57	<=38.45	Pass
			14	22.42	-2.70	17.57	<=38.45	Pass
		8	0	21.89	-2.70	17.04	<=38.45	Pass
			4	21.91	-2.70	17.06	<=38.45	Pass
			7	21.92	-2.70	17.07	<=38.45	Pass
		15	0	21.99	-2.70	17.14	<=38.45	Pass
	847.5	1	0	22.35	-2.70	17.50	<=38.45	Pass
			7	22.40	-2.70	17.55	<=38.45	Pass
			14	22.36	-2.70	17.51	<=38.45	Pass
		8	0	21.85	-2.70	17.00	<=38.45	Pass
			4	21.89	-2.70	17.04	<=38.45	Pass
			7	21.87	-2.70	17.02	<=38.45	Pass
		15	0	21.80	-2.70	16.95	<=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	23.42	-2.70	18.57	<=38.45	Pass
			13	23.38	-2.70	18.53	<=38.45	Pass
			24	23.45	-2.70	18.60	<=38.45	Pass
		12	0	22.86	-2.70	18.01	<=38.45	Pass
			6	22.87	-2.70	18.02	<=38.45	Pass
			13	22.81	-2.70	17.96	<=38.45	Pass
		25	0	22.87	-2.70	18.02	<=38.45	Pass
	836.5	1	0	23.45	-2.70	18.60	<=38.45	Pass
			13	23.44	-2.70	18.59	<=38.45	Pass
			24	23.44	-2.70	18.59	<=38.45	Pass
		12	0	22.94	-2.70	18.09	<=38.45	Pass
			6	22.93	-2.70	18.08	<=38.45	Pass
			13	22.93	-2.70	18.08	<=38.45	Pass
		25	0	22.97	-2.70	18.12	<=38.45	Pass
	846.5	1	0	23.44	-2.70	18.59	<=38.45	Pass
			13	23.35	-2.70	18.50	<=38.45	Pass
			24	23.39	-2.70	18.54	<=38.45	Pass
		12	0	22.97	-2.70	18.12	<=38.45	Pass
			6	22.84	-2.70	17.99	<=38.45	Pass
			13	22.84	-2.70	17.99	<=38.45	Pass
		25	0	22.90	-2.70	18.05	<=38.45	Pass
16QAM	826.5	1	0	22.31	-2.70	17.46	<=38.45	Pass
			13	22.30	-2.70	17.45	<=38.45	Pass
			24	22.37	-2.70	17.52	<=38.45	Pass
		12	0	21.92	-2.70	17.07	<=38.45	Pass
			6	21.92	-2.70	17.07	<=38.45	Pass
			13	21.86	-2.70	17.01	<=38.45	Pass
		25	0	21.97	-2.70	17.12	<=38.45	Pass
	836.5	1	0	22.83	-2.70	17.98	<=38.45	Pass
			13	22.86	-2.70	18.01	<=38.45	Pass
			24	22.82	-2.70	17.97	<=38.45	Pass
		12	0	21.97	-2.70	17.12	<=38.45	Pass
			6	21.95	-2.70	17.10	<=38.45	Pass
			13	21.91	-2.70	17.06	<=38.45	Pass
		25	0	21.95	-2.70	17.10	<=38.45	Pass
	846.5	1	0	22.51	-2.70	17.66	<=38.45	Pass
			13	22.42	-2.70	17.57	<=38.45	Pass
			24	22.50	-2.70	17.65	<=38.45	Pass
		12	0	21.95	-2.70	17.10	<=38.45	Pass
			6	21.85	-2.70	17.00	<=38.45	Pass
			13	21.84	-2.70	16.99	<=38.45	Pass
		25	0	21.86	-2.70	17.01	<=38.45	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	23.38	-2.70	18.53	<=38.45	Pass
			25	23.48	-2.70	18.63	<=38.45	Pass
			49	23.48	-2.70	18.63	<=38.45	Pass
		25	0	22.91	-2.70	18.06	<=38.45	Pass
			13	22.95	-2.70	18.10	<=38.45	Pass
			25	22.88	-2.70	18.03	<=38.45	Pass
		50	0	22.94	-2.70	18.09	<=38.45	Pass
			0	23.53	-2.70	18.68	<=38.45	Pass
			25	23.57	-2.70	18.72	<=38.45	Pass
	836.5	1	49	23.50	-2.70	18.65	<=38.45	Pass
			0	22.96	-2.70	18.11	<=38.45	Pass
			13	22.96	-2.70	18.11	<=38.45	Pass
		25	25	22.99	-2.70	18.14	<=38.45	Pass
			0	23.03	-2.70	18.18	<=38.45	Pass
		50	0	23.40	-2.70	18.55	<=38.45	Pass
			25	23.37	-2.70	18.52	<=38.45	Pass
			49	23.26	-2.70	18.41	<=38.45	Pass
		25	0	22.98	-2.70	18.13	<=38.45	Pass
			13	22.88	-2.70	18.03	<=38.45	Pass
			25	22.80	-2.70	17.95	<=38.45	Pass
		50	0	22.95	-2.70	18.10	<=38.45	Pass
16QAM	829	1	0	22.73	-2.70	17.88	<=38.45	Pass
			25	22.82	-2.70	17.97	<=38.45	Pass
			49	22.83	-2.70	17.98	<=38.45	Pass
		25	0	21.93	-2.70	17.08	<=38.45	Pass
			13	21.96	-2.70	17.11	<=38.45	Pass
			25	21.87	-2.70	17.02	<=38.45	Pass
		50	0	21.91	-2.70	17.06	<=38.45	Pass
			0	22.38	-2.70	17.53	<=38.45	Pass
			25	22.46	-2.70	17.61	<=38.45	Pass
	836.5	1	49	22.37	-2.70	17.52	<=38.45	Pass
			0	22.04	-2.70	17.19	<=38.45	Pass
			13	22.04	-2.70	17.19	<=38.45	Pass
		25	25	22.05	-2.70	17.20	<=38.45	Pass
			0	22.01	-2.70	17.16	<=38.45	Pass
		50	0	22.41	-2.70	17.56	<=38.45	Pass
			25	22.37	-2.70	17.52	<=38.45	Pass
			49	22.31	-2.70	17.46	<=38.45	Pass
		25	0	21.99	-2.70	17.14	<=38.45	Pass
			13	21.88	-2.70	17.03	<=38.45	Pass
			25	21.83	-2.70	16.98	<=38.45	Pass
		50	0	21.90	-2.70	17.05	<=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	3.29	-0.887	-0.0011	-2.5 to 2.5	Pass
					3.87	-0.587	-0.0007	-2.5 to 2.5	Pass
					4.45	-5.150	-0.0062	-2.5 to 2.5	Pass
				-30	3.87	2.317	0.0028	-2.5 to 2.5	Pass
				-20	3.87	-0.172	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	4.349	0.0053	-2.5 to 2.5	Pass
				0	3.87	-4.807	-0.0058	-2.5 to 2.5	Pass
				10	3.87	-5.307	-0.0064	-2.5 to 2.5	Pass
				30	3.87	-0.787	-0.0010	-2.5 to 2.5	Pass
				40	3.87	-0.057	-0.0001	-2.5 to 2.5	Pass
				50	3.87	0.100	0.0001	-2.5 to 2.5	Pass
	836.5	6	0	20	3.29	-2.646	-0.0032	-2.5 to 2.5	Pass
					3.87	-2.718	-0.0032	-2.5 to 2.5	Pass
					4.45	-5.894	-0.0070	-2.5 to 2.5	Pass
				-30	3.87	0.215	0.0003	-2.5 to 2.5	Pass
				-20	3.87	-3.834	-0.0046	-2.5 to 2.5	Pass
				-10	3.87	-3.676	-0.0044	-2.5 to 2.5	Pass
				0	3.87	2.060	0.0025	-2.5 to 2.5	Pass
				10	3.87	-2.246	-0.0027	-2.5 to 2.5	Pass
				30	3.87	-2.275	-0.0027	-2.5 to 2.5	Pass
				40	3.87	-0.873	-0.0010	-2.5 to 2.5	Pass
				50	3.87	3.190	0.0038	-2.5 to 2.5	Pass
	848.3	6	0	20	3.29	-1.559	-0.0018	-2.5 to 2.5	Pass
					3.87	-3.834	-0.0045	-2.5 to 2.5	Pass
					4.45	-0.172	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	-2.918	-0.0034	-2.5 to 2.5	Pass
				-20	3.87	-2.146	-0.0025	-2.5 to 2.5	Pass
				-10	3.87	-0.529	-0.0006	-2.5 to 2.5	Pass
				0	3.87	-1.302	-0.0015	-2.5 to 2.5	Pass
				10	3.87	-1.173	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-1.974	-0.0023	-2.5 to 2.5	Pass
				40	3.87	-0.229	-0.0003	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.29	-1.316	-0.0016	-2.5 to 2.5	Pass
					3.87	1.702	0.0021	-2.5 to 2.5	Pass
					4.45	-3.905	-0.0047	-2.5 to 2.5	Pass
				-30	3.87	-1.216	-0.0015	-2.5 to 2.5	Pass
				-20	3.87	4.148	0.0050	-2.5 to 2.5	Pass
				-10	3.87	-0.858	-0.0010	-2.5 to 2.5	Pass
				0	3.87	-5.736	-0.0070	-2.5 to 2.5	Pass
				10	3.87	-4.392	-0.0053	-2.5 to 2.5	Pass
				30	3.87	-4.392	-0.0053	-2.5 to 2.5	Pass
				40	3.87	-2.575	-0.0031	-2.5 to 2.5	Pass
				50	3.87	2.432	0.0029	-2.5 to 2.5	Pass
	836.5	6	0	20	3.29	2.489	0.0030	-2.5 to 2.5	Pass
					3.87	-0.057	-0.0001	-2.5 to 2.5	Pass
					4.45	-0.186	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	-1.588	-0.0019	-2.5 to 2.5	Pass
				-20	3.87	2.260	0.0027	-2.5 to 2.5	Pass
				-10	3.87	-1.373	-0.0016	-2.5 to 2.5	Pass

				0	3.87	-3.834	-0.0046	-2.5 to 2.5	Pass
				10	3.87	0.215	0.0003	-2.5 to 2.5	Pass
				30	3.87	-0.501	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.359	-0.0016	-2.5 to 2.5	Pass
				50	3.87	-2.804	-0.0034	-2.5 to 2.5	Pass
	848.3	6	0	20	3.29	-2.103	-0.0025	-2.5 to 2.5	Pass
					3.87	-0.987	-0.0012	-2.5 to 2.5	Pass
					4.45	-1.745	-0.0021	-2.5 to 2.5	Pass
				-30	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	1.802	0.0021	-2.5 to 2.5	Pass
				-10	3.87	0.873	0.0010	-2.5 to 2.5	Pass
				0	3.87	1.645	0.0019	-2.5 to 2.5	Pass
				10	3.87	1.588	0.0019	-2.5 to 2.5	Pass
				30	3.87	0.758	0.0009	-2.5 to 2.5	Pass
				40	3.87	-5.078	-0.0060	-2.5 to 2.5	Pass
				50	3.87	-1.631	-0.0019	-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	-2.961	-0.0036	-2.5 to 2.5	Pass
					3.87	1.616	0.0020	-2.5 to 2.5	Pass
					4.45	1.273	0.0015	-2.5 to 2.5	Pass
				-30	3.87	-4.821	-0.0058	-2.5 to 2.5	Pass
				-20	3.87	1.030	0.0012	-2.5 to 2.5	Pass
				-10	3.87	2.346	0.0028	-2.5 to 2.5	Pass
				0	3.87	-4.349	-0.0053	-2.5 to 2.5	Pass
				10	3.87	-1.702	-0.0021	-2.5 to 2.5	Pass
				30	3.87	-0.401	-0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.87	-3.891	-0.0047	-2.5 to 2.5	Pass
	836.5	15	0	20	3.29	-1.988	-0.0024	-2.5 to 2.5	Pass
					3.87	-2.131	-0.0025	-2.5 to 2.5	Pass
					4.45	-1.988	-0.0024	-2.5 to 2.5	Pass
				-30	3.87	-3.147	-0.0038	-2.5 to 2.5	Pass
				-20	3.87	0.415	0.0005	-2.5 to 2.5	Pass
				-10	3.87	-2.089	-0.0025	-2.5 to 2.5	Pass
				0	3.87	-5.007	-0.0060	-2.5 to 2.5	Pass
				10	3.87	-1.717	-0.0021	-2.5 to 2.5	Pass
				30	3.87	-2.017	-0.0024	-2.5 to 2.5	Pass
				40	3.87	0.858	0.0010	-2.5 to 2.5	Pass
				50	3.87	-4.520	-0.0054	-2.5 to 2.5	Pass
	847.5	15	0	20	3.29	-5.236	-0.0062	-2.5 to 2.5	Pass
					3.87	0.916	0.0011	-2.5 to 2.5	Pass
					4.45	0.873	0.0010	-2.5 to 2.5	Pass
				-30	3.87	1.245	0.0015	-2.5 to 2.5	Pass
				-20	3.87	-0.458	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	0.858	0.0010	-2.5 to 2.5	Pass
				0	3.87	-1.059	-0.0012	-2.5 to 2.5	Pass
				10	3.87	-4.234	-0.0050	-2.5 to 2.5	Pass
				30	3.87	5.279	0.0062	-2.5 to 2.5	Pass
				40	3.87	-2.546	-0.0030	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.29	-1.259	-0.0015	-2.5 to 2.5	Pass
					3.87	1.345	0.0016	-2.5 to 2.5	Pass
					4.45	-2.575	-0.0031	-2.5 to 2.5	Pass
				-30	3.87	2.003	0.0024	-2.5 to 2.5	Pass
				-20	3.87	-5.679	-0.0069	-2.5 to 2.5	Pass
				-10	3.87	-2.375	-0.0029	-2.5 to 2.5	Pass
				0	3.87	-2.861	-0.0035	-2.5 to 2.5	Pass
				10	3.87	-3.033	-0.0037	-2.5 to 2.5	Pass
				30	3.87	-4.263	-0.0052	-2.5 to 2.5	Pass
				40	3.87	3.805	0.0046	-2.5 to 2.5	Pass
				50	3.87	-1.602	-0.0019	-2.5 to 2.5	Pass
	836.5	15	0	20	3.29	-4.091	-0.0049	-2.5 to 2.5	Pass
					3.87	-0.873	-0.0010	-2.5 to 2.5	Pass
					4.45	0.243	0.0003	-2.5 to 2.5	Pass
				-30	3.87	-1.717	-0.0021	-2.5 to 2.5	Pass
				-20	3.87	-5.050	-0.0060	-2.5 to 2.5	Pass
				-10	3.87	-1.874	-0.0022	-2.5 to 2.5	Pass
				0	3.87	-5.107	-0.0061	-2.5 to 2.5	Pass
				10	3.87	-0.529	-0.0006	-2.5 to 2.5	Pass
				30	3.87	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-3.376	-0.0040	-2.5 to 2.5	Pass
				50	3.87	-7.210	-0.0086	-2.5 to 2.5	Pass

	847.5	15	0	20	3.29	-4.520	-0.0053	-2.5 to 2.5	Pass
					3.87	2.890	0.0034	-2.5 to 2.5	Pass
					4.45	0.844	0.0010	-2.5 to 2.5	Pass
				-30	3.87	-3.090	-0.0036	-2.5 to 2.5	Pass
				-20	3.87	4.435	0.0052	-2.5 to 2.5	Pass
				-10	3.87	1.316	0.0016	-2.5 to 2.5	Pass
				0	3.87	1.202	0.0014	-2.5 to 2.5	Pass
				10	3.87	0.830	0.0010	-2.5 to 2.5	Pass
				30	3.87	0.486	0.0006	-2.5 to 2.5	Pass
				40	3.87	-2.260	-0.0027	-2.5 to 2.5	Pass
				50	3.87	-5.178	-0.0061	-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	-3.605	-0.0044	-2.5 to 2.5	Pass
					3.87	-2.546	-0.0031	-2.5 to 2.5	Pass
					4.45	-3.934	-0.0048	-2.5 to 2.5	Pass
				-30	3.87	-2.689	-0.0033	-2.5 to 2.5	Pass
				-20	3.87	-4.878	-0.0059	-2.5 to 2.5	Pass
				-10	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.87	-2.789	-0.0034	-2.5 to 2.5	Pass
				10	3.87	-4.792	-0.0058	-2.5 to 2.5	Pass
				30	3.87	-3.047	-0.0037	-2.5 to 2.5	Pass
				40	3.87	1.359	0.0016	-2.5 to 2.5	Pass
				50	3.87	-5.193	-0.0063	-2.5 to 2.5	Pass
	836.5	25	0	20	3.29	0.815	0.0010	-2.5 to 2.5	Pass
					3.87	1.016	0.0012	-2.5 to 2.5	Pass
					4.45	-2.360	-0.0028	-2.5 to 2.5	Pass
				-30	3.87	-0.815	-0.0010	-2.5 to 2.5	Pass
				-20	3.87	-3.319	-0.0040	-2.5 to 2.5	Pass
				-10	3.87	3.963	0.0047	-2.5 to 2.5	Pass
				0	3.87	7.052	0.0084	-2.5 to 2.5	Pass
				10	3.87	3.762	0.0045	-2.5 to 2.5	Pass
				30	3.87	0.458	0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.043	-0.0001	-2.5 to 2.5	Pass
				50	3.87	2.017	0.0024	-2.5 to 2.5	Pass
	846.5	25	0	20	3.29	-2.804	-0.0033	-2.5 to 2.5	Pass
					3.87	3.576	0.0042	-2.5 to 2.5	Pass
					4.45	-1.044	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	2.675	0.0032	-2.5 to 2.5	Pass
				-20	3.87	0.772	0.0009	-2.5 to 2.5	Pass
				-10	3.87	-0.372	-0.0004	-2.5 to 2.5	Pass
				0	3.87	2.518	0.0030	-2.5 to 2.5	Pass
				10	3.87	-5.164	-0.0061	-2.5 to 2.5	Pass
				30	3.87	-0.615	-0.0007	-2.5 to 2.5	Pass
				40	3.87	-2.689	-0.0032	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.29	-3.533	-0.0043	-2.5 to 2.5	Pass
					3.87	-1.645	-0.0020	-2.5 to 2.5	Pass
					4.45	1.945	0.0024	-2.5 to 2.5	Pass
				-30	3.87	-2.818	-0.0034	-2.5 to 2.5	Pass
				-20	3.87	-4.849	-0.0059	-2.5 to 2.5	Pass
				-10	3.87	-2.961	-0.0036	-2.5 to 2.5	Pass
				0	3.87	2.832	0.0034	-2.5 to 2.5	Pass
				10	3.87	-1.173	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-6.151	-0.0074	-2.5 to 2.5	Pass
				40	3.87	2.503	0.0030	-2.5 to 2.5	Pass
				50	3.87	-3.748	-0.0045	-2.5 to 2.5	Pass
	836.5	25	0	20	3.29	0.844	0.0010	-2.5 to 2.5	Pass
					3.87	-0.815	-0.0010	-2.5 to 2.5	Pass
					4.45	2.246	0.0027	-2.5 to 2.5	Pass
				-30	3.87	2.303	0.0028	-2.5 to 2.5	Pass
				-20	3.87	-0.801	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-0.257	-0.0003	-2.5 to 2.5	Pass
				0	3.87	2.861	0.0034	-2.5 to 2.5	Pass
				10	3.87	-1.459	-0.0017	-2.5 to 2.5	Pass
				30	3.87	-0.887	-0.0011	-2.5 to 2.5	Pass
				40	3.87	5.136	0.0061	-2.5 to 2.5	Pass
				50	3.87	2.403	0.0029	-2.5 to 2.5	Pass

	846.5	25	0	20	3.29	-1.144	-0.0014	-2.5 to 2.5	Pass
					3.87	3.562	0.0042	-2.5 to 2.5	Pass
					4.45	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	0.300	0.0004	-2.5 to 2.5	Pass
				-20	3.87	-0.644	-0.0008	-2.5 to 2.5	Pass
				-10	3.87	-4.792	-0.0057	-2.5 to 2.5	Pass
				0	3.87	-0.200	-0.0002	-2.5 to 2.5	Pass
				10	3.87	0.830	0.0010	-2.5 to 2.5	Pass
				30	3.87	2.146	0.0025	-2.5 to 2.5	Pass
				40	3.87	0.143	0.0002	-2.5 to 2.5	Pass
				50	3.87	3.476	0.0041	-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	-0.472	-0.0006	-2.5 to 2.5	Pass
					3.87	-2.675	-0.0032	-2.5 to 2.5	Pass
					4.45	-2.532	-0.0031	-2.5 to 2.5	Pass
				-30	3.87	0.558	0.0007	-2.5 to 2.5	Pass
				-20	3.87	-1.574	-0.0019	-2.5 to 2.5	Pass
				-10	3.87	1.402	0.0017	-2.5 to 2.5	Pass
				0	3.87	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.87	-0.730	-0.0009	-2.5 to 2.5	Pass
				30	3.87	1.116	0.0013	-2.5 to 2.5	Pass
				40	3.87	0.687	0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.901	-0.0011	-2.5 to 2.5	Pass
	836.5	50	0	20	3.29	-0.901	-0.0011	-2.5 to 2.5	Pass
					3.87	0.272	0.0003	-2.5 to 2.5	Pass
					4.45	-2.475	-0.0030	-2.5 to 2.5	Pass
				-30	3.87	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-1.101	-0.0013	-2.5 to 2.5	Pass
				-10	3.87	-1.473	-0.0018	-2.5 to 2.5	Pass
				0	3.87	-1.459	-0.0017	-2.5 to 2.5	Pass
				10	3.87	-1.173	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-1.402	-0.0017	-2.5 to 2.5	Pass
				40	3.87	-2.589	-0.0031	-2.5 to 2.5	Pass
				50	3.87	-0.715	-0.0009	-2.5 to 2.5	Pass
	844	50	0	20	3.29	1.845	0.0022	-2.5 to 2.5	Pass
					3.87	-0.973	-0.0012	-2.5 to 2.5	Pass
					4.45	-0.186	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	-3.018	-0.0036	-2.5 to 2.5	Pass
				-20	3.87	-1.473	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	0.501	0.0006	-2.5 to 2.5	Pass
				0	3.87	-1.073	-0.0013	-2.5 to 2.5	Pass
				10	3.87	1.616	0.0019	-2.5 to 2.5	Pass
				30	3.87	-0.515	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.173	-0.0014	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.29	-3.104	-0.0037	-2.5 to 2.5	Pass
					3.87	-1.960	-0.0024	-2.5 to 2.5	Pass
					4.45	-1.230	-0.0015	-2.5 to 2.5	Pass
				-30	3.87	-1.159	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-4.478	-0.0054	-2.5 to 2.5	Pass
				-10	3.87	-3.433	-0.0041	-2.5 to 2.5	Pass
				0	3.87	-4.148	-0.0050	-2.5 to 2.5	Pass
				10	3.87	0.887	0.0011	-2.5 to 2.5	Pass
				30	3.87	-2.046	-0.0025	-2.5 to 2.5	Pass
				40	3.87	-1.059	-0.0013	-2.5 to 2.5	Pass
				50	3.87	-2.661	-0.0032	-2.5 to 2.5	Pass
	836.5	50	0	20	3.29	-1.745	-0.0021	-2.5 to 2.5	Pass
					3.87	-1.087	-0.0013	-2.5 to 2.5	Pass
					4.45	-0.916	-0.0011	-2.5 to 2.5	Pass
				-30	3.87	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-2.332	-0.0028	-2.5 to 2.5	Pass
				-10	3.87	-2.418	-0.0029	-2.5 to 2.5	Pass
				0	3.87	-1.187	-0.0014	-2.5 to 2.5	Pass
				10	3.87	-0.172	-0.0002	-2.5 to 2.5	Pass
				30	3.87	-0.629	-0.0008	-2.5 to 2.5	Pass
				40	3.87	0.672	0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.615	-0.0007	-2.5 to 2.5	Pass

	844	50	0	20	3.29	-0.072	-0.0001	-2.5 to 2.5	Pass
					3.87	-3.276	-0.0039	-2.5 to 2.5	Pass
					4.45	0.486	0.0006	-2.5 to 2.5	Pass
				-30	3.87	-3.290	-0.0039	-2.5 to 2.5	Pass
				-20	3.87	1.388	0.0016	-2.5 to 2.5	Pass
				-10	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.87	1.760	0.0021	-2.5 to 2.5	Pass
				10	3.87	-3.147	-0.0037	-2.5 to 2.5	Pass
				30	3.87	-0.415	-0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.286	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-0.300	-0.0004	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.1.3 B5_5MHz

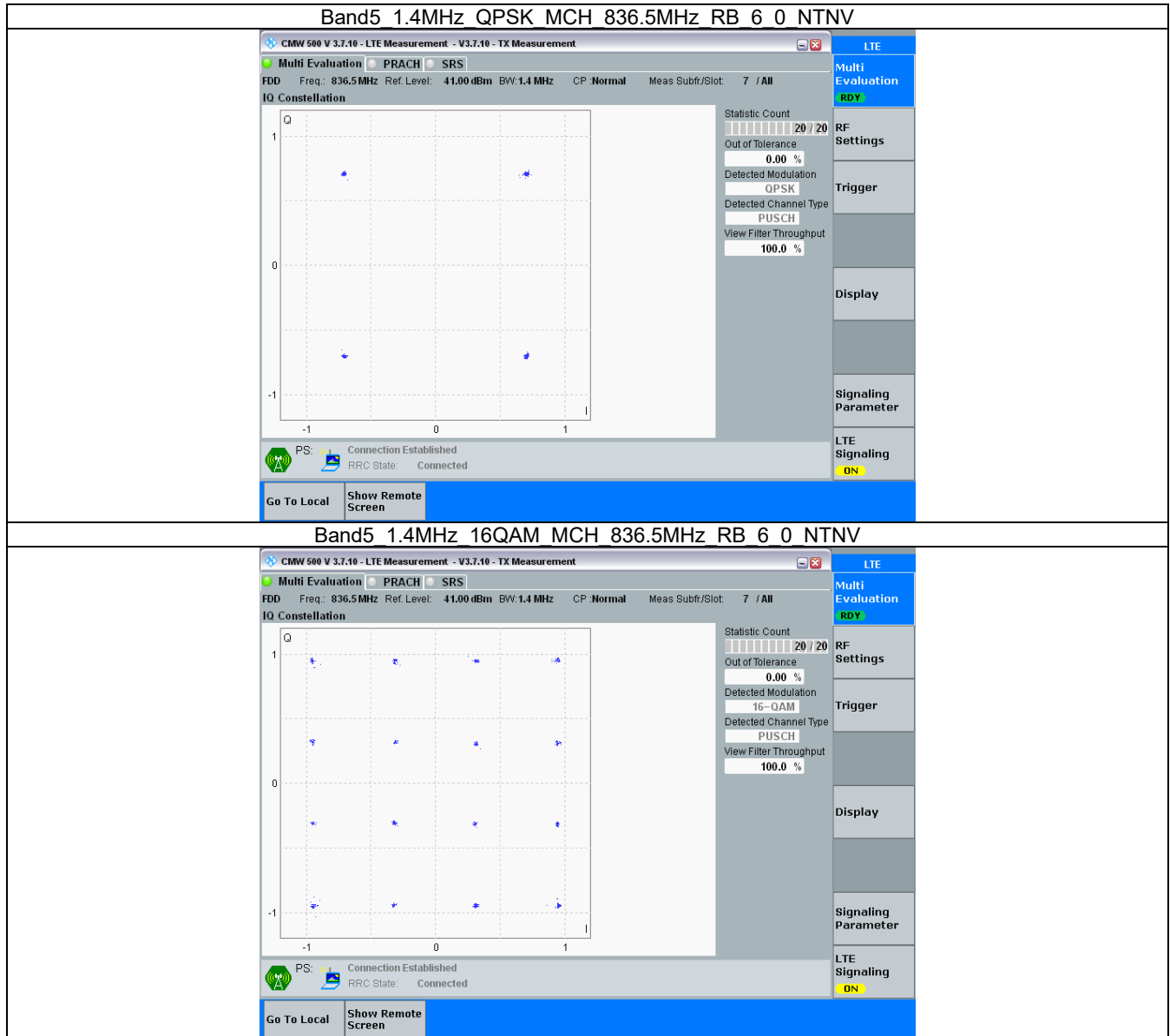
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

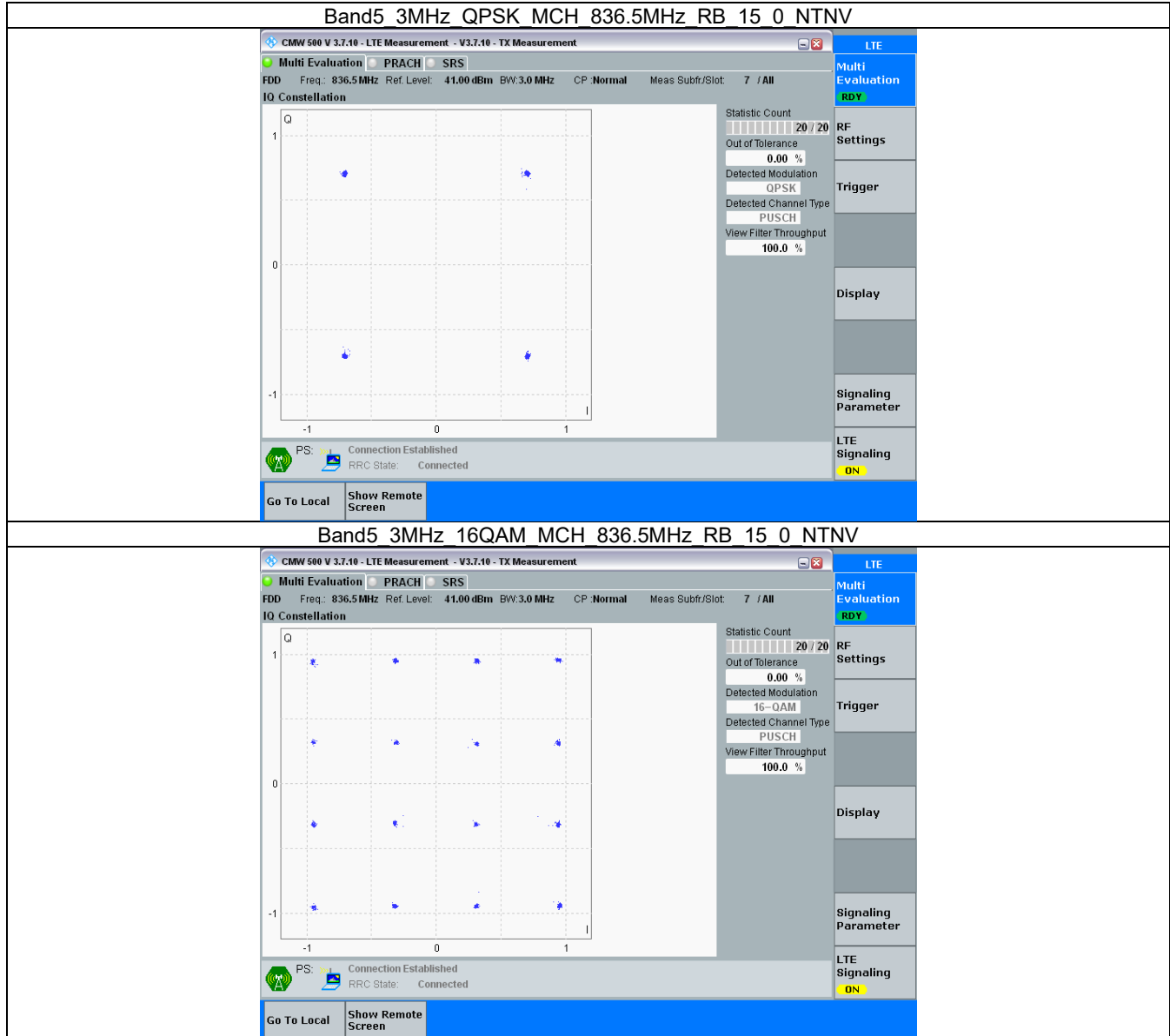
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

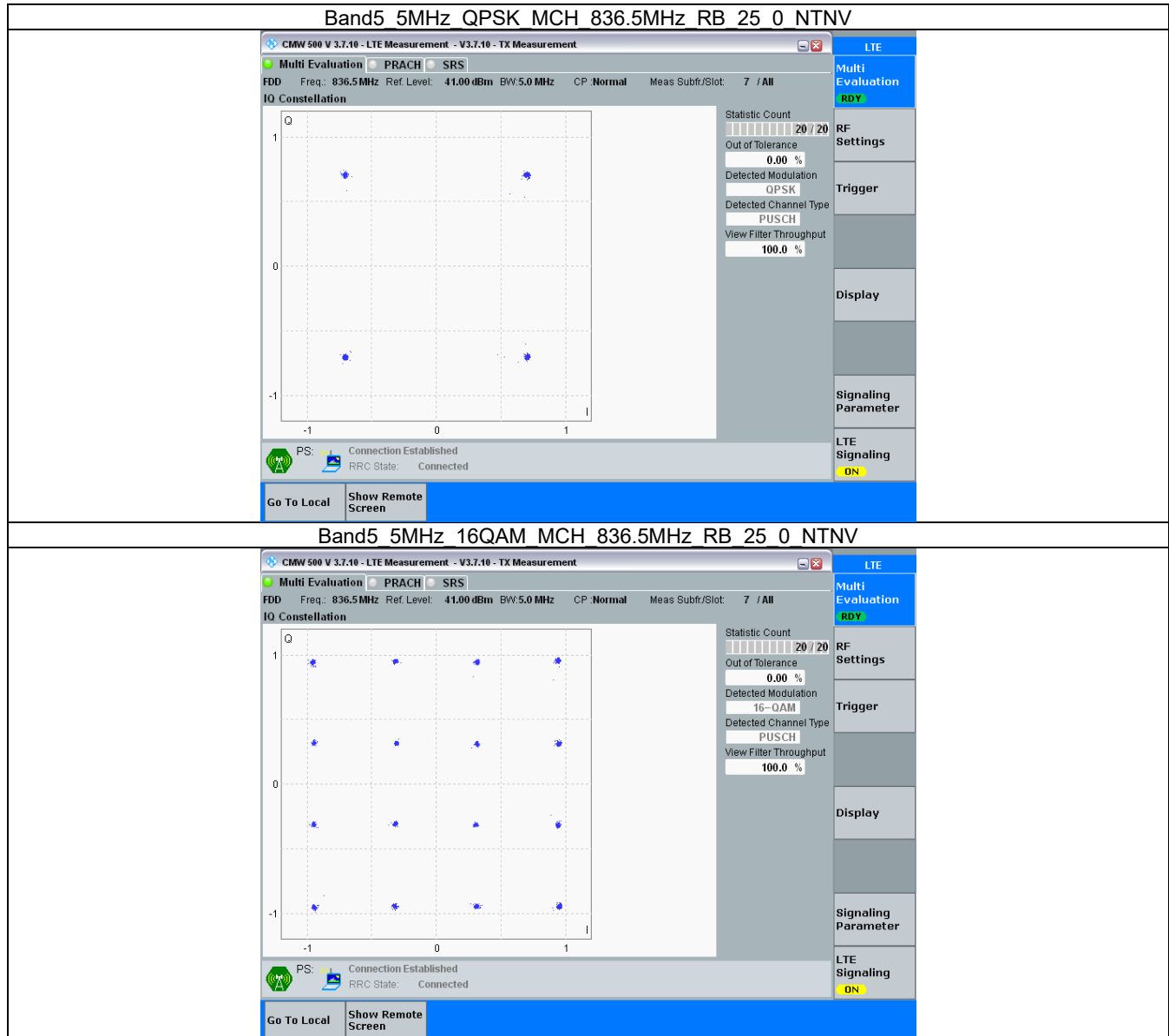
3.2.1 B5_1.4MHz



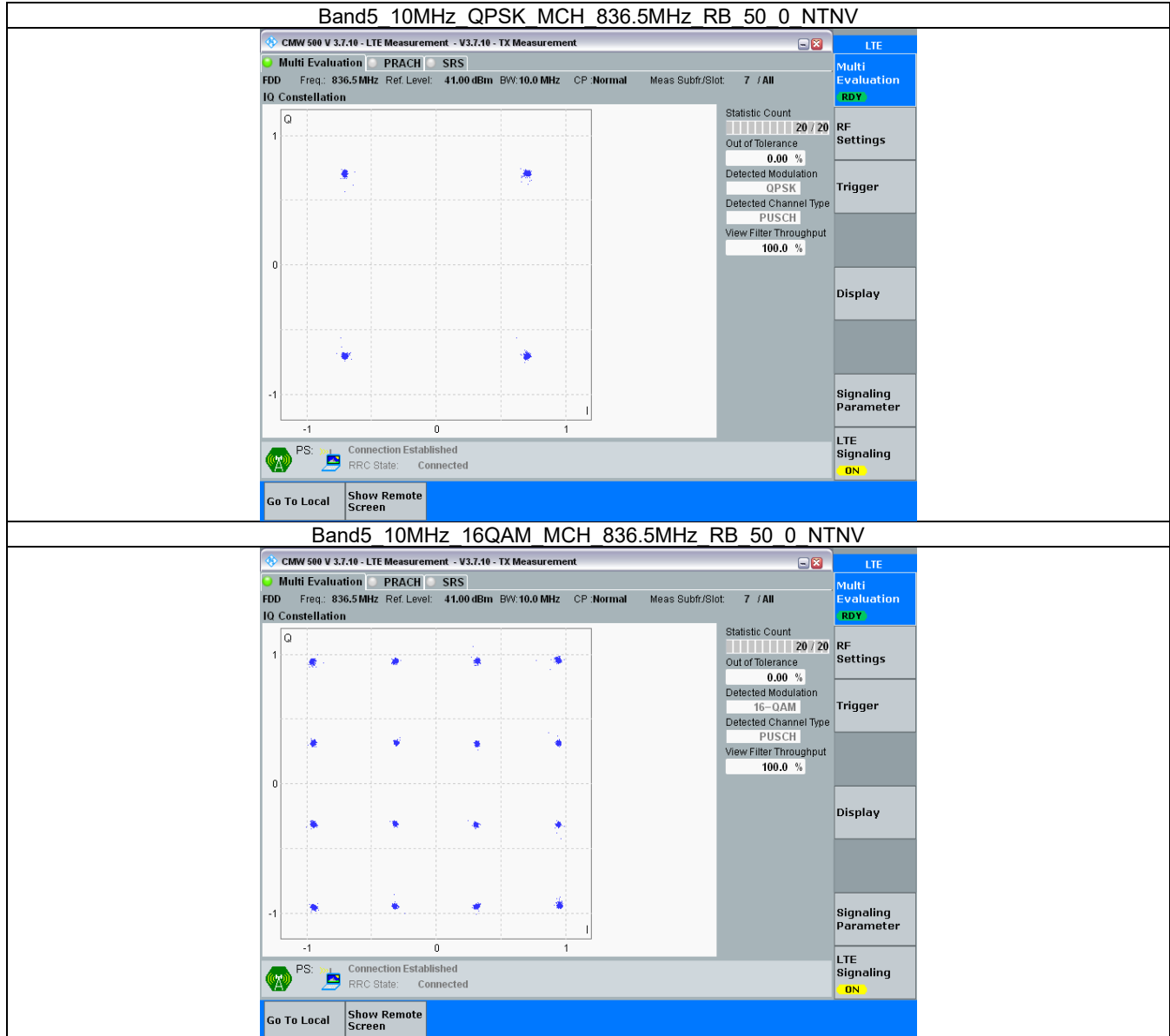
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

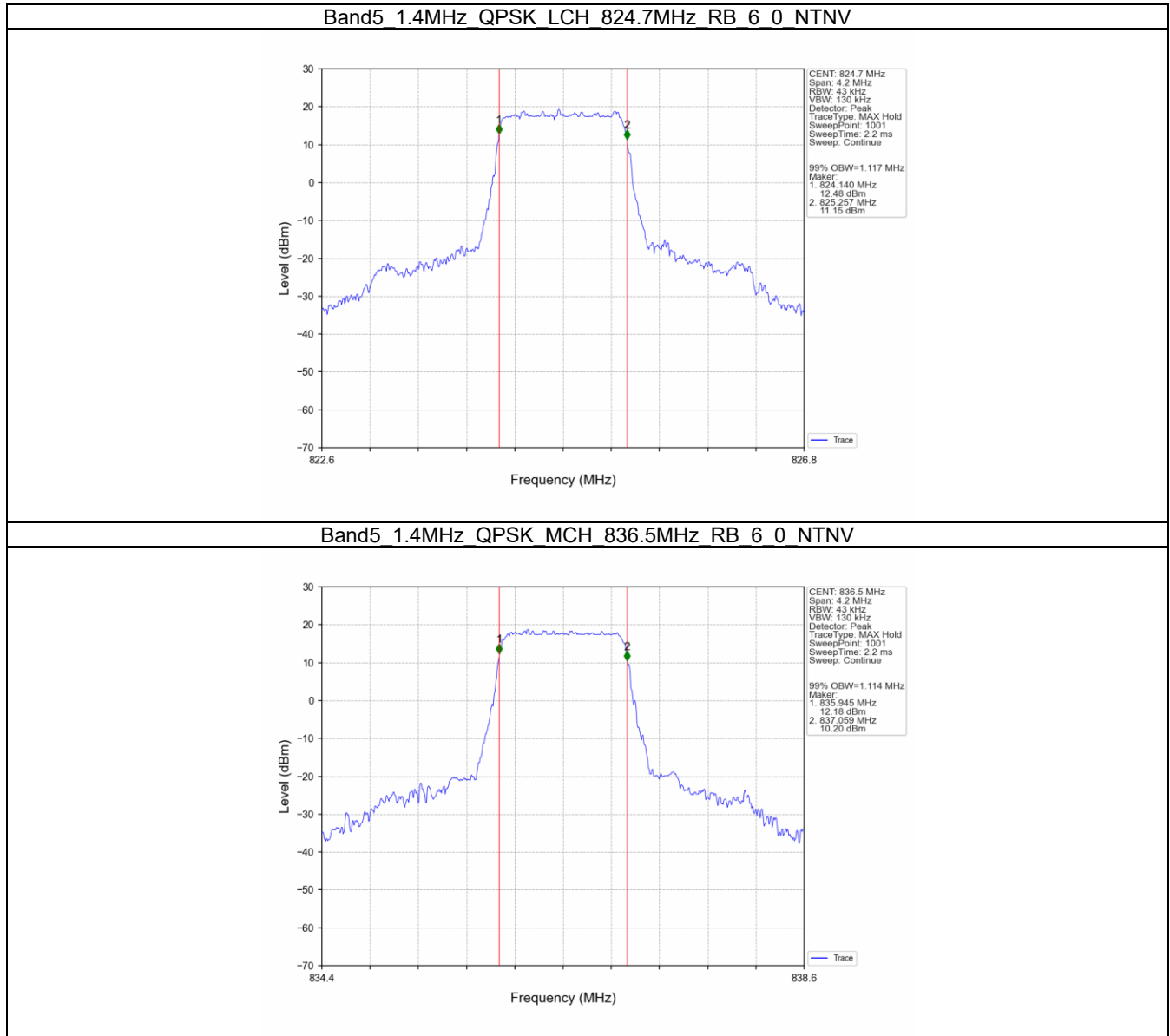
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.117	/	Pass
		836.5	6	0	1.114	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.116	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.121	/	Pass
3	QPSK	825.5	15	0	2.730	/	Pass
		836.5	15	0	2.735	/	Pass
		847.5	15	0	2.730	/	Pass
	16QAM	825.5	15	0	2.722	/	Pass
		836.5	15	0	2.730	/	Pass
		847.5	15	0	2.730	/	Pass
5	QPSK	826.5	25	0	4.540	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.557	/	Pass
	16QAM	826.5	25	0	4.546	/	Pass
		836.5	25	0	4.563	/	Pass
		846.5	25	0	4.541	/	Pass
10	QPSK	829	50	0	9.061	/	Pass
		836.5	50	0	9.063	/	Pass
		844	50	0	9.036	/	Pass
	16QAM	829	50	0	9.045	/	Pass
		836.5	50	0	9.050	/	Pass
		844	50	0	9.058	/	Pass

4.1.2 Band5_XDB

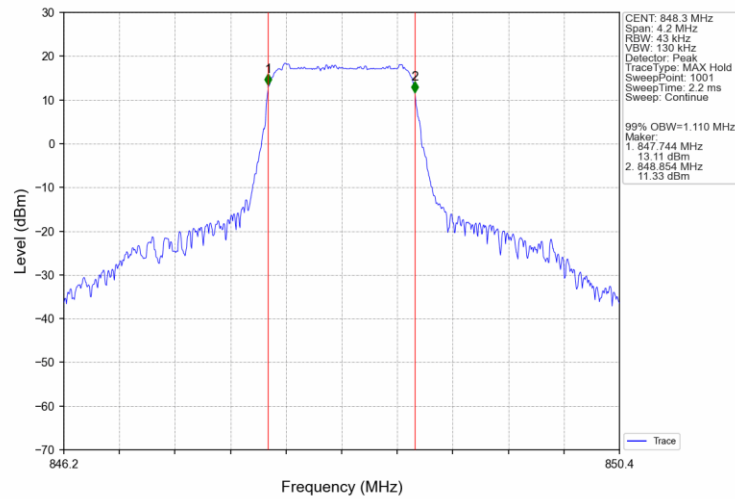
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.304	/	Pass
		836.5	6	0	1.317	/	Pass
		848.3	6	0	1.322	/	Pass
	16QAM	824.7	6	0	1.338	/	Pass
		836.5	6	0	1.308	/	Pass
		848.3	6	0	1.354	/	Pass
3	QPSK	825.5	15	0	3.009	/	Pass
		836.5	15	0	3.006	/	Pass
		847.5	15	0	3.008	/	Pass
	16QAM	825.5	15	0	3.036	/	Pass
		836.5	15	0	3.004	/	Pass
		847.5	15	0	3.035	/	Pass
5	QPSK	826.5	25	0	5.057	/	Pass
		836.5	25	0	5.038	/	Pass
		846.5	25	0	5.083	/	Pass
	16QAM	826.5	25	0	5.095	/	Pass
		836.5	25	0	5.083	/	Pass
		846.5	25	0	5.041	/	Pass
10	QPSK	829	50	0	10.107	/	Pass
		836.5	50	0	10.053	/	Pass
		844	50	0	9.950	/	Pass
	16QAM	829	50	0	9.897	/	Pass
		836.5	50	0	10.009	/	Pass
		844	50	0	9.940	/	Pass

4.2 Test Graph

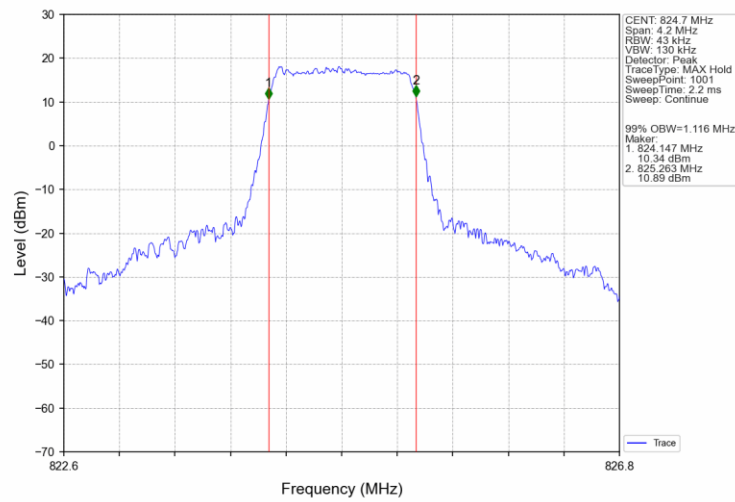
4.2.1 Band5_OBW



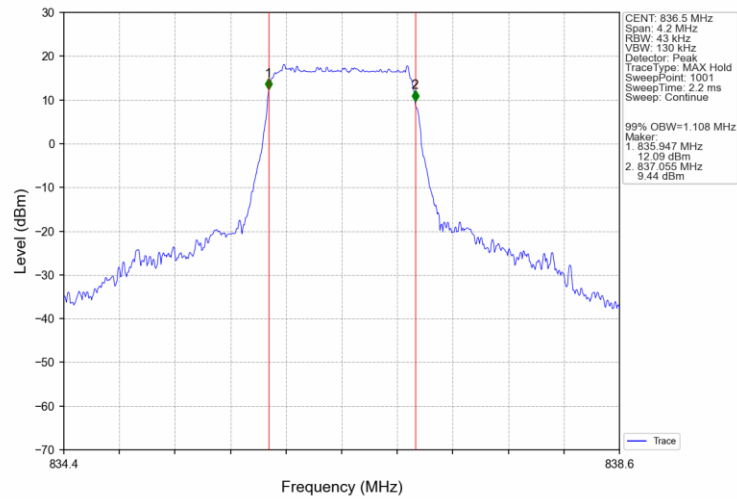
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



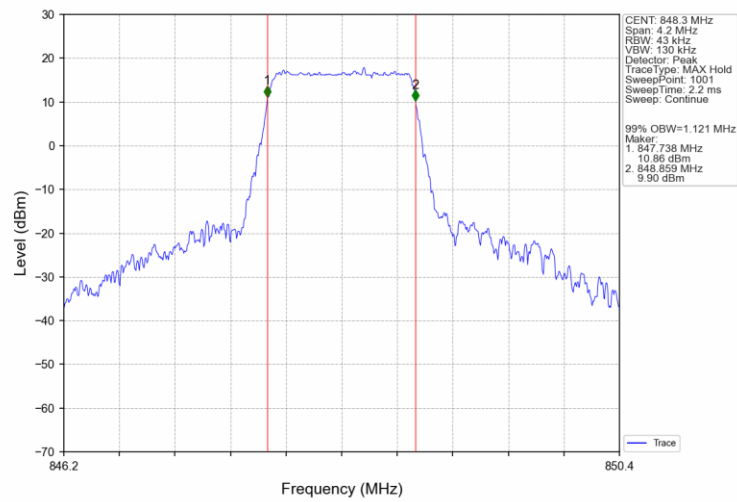
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



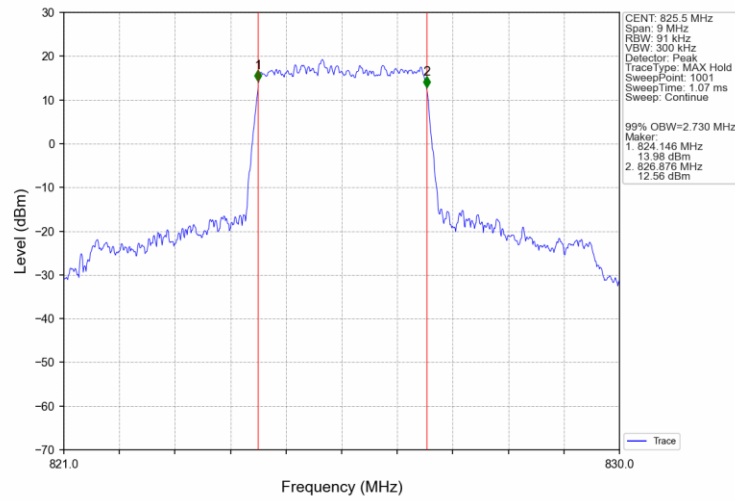
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



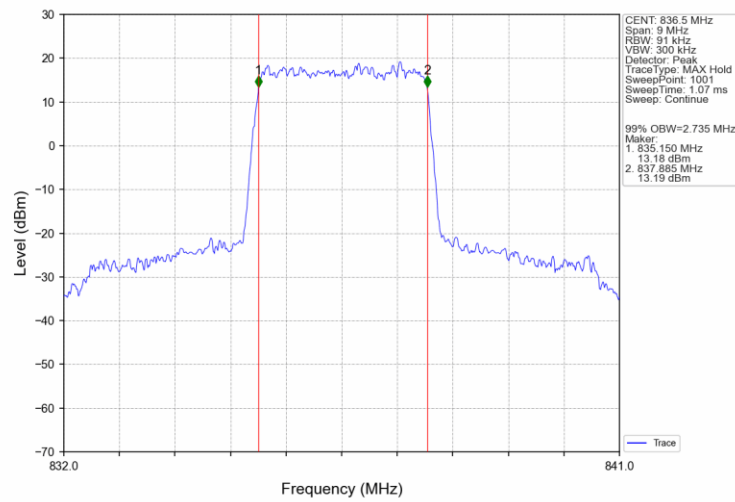
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



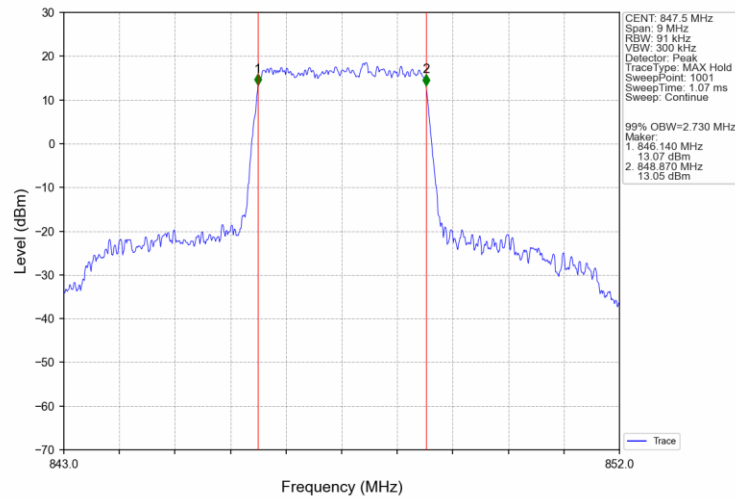
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



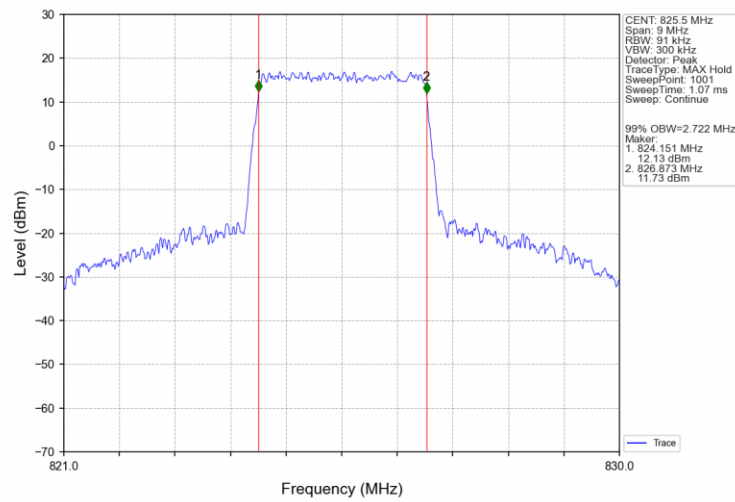
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



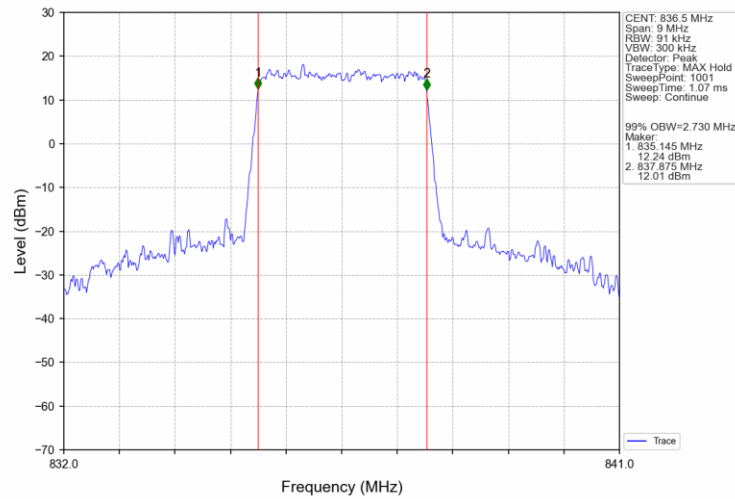
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



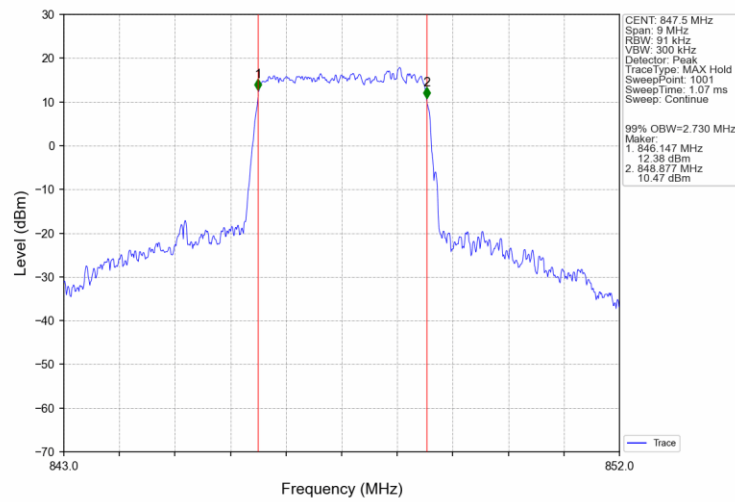
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



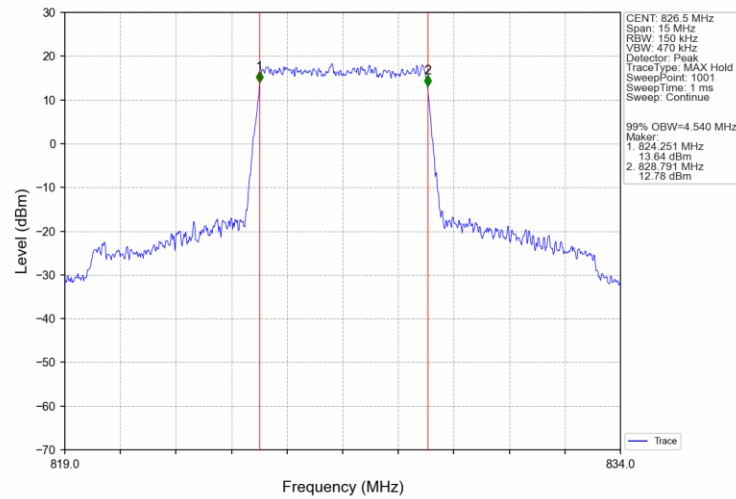
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



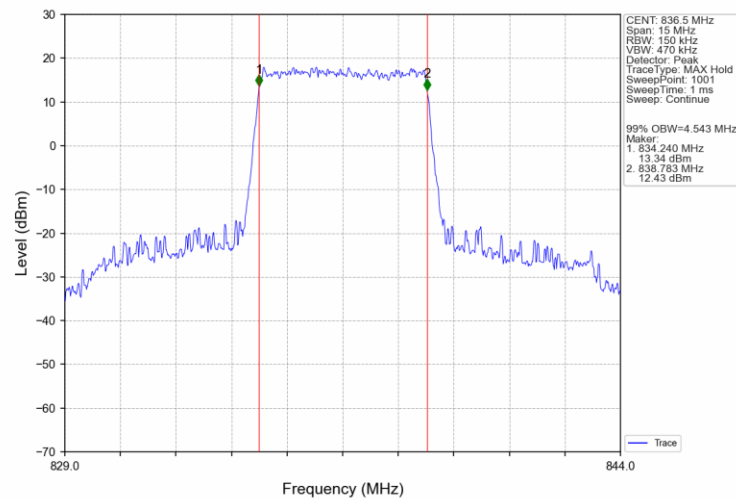
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



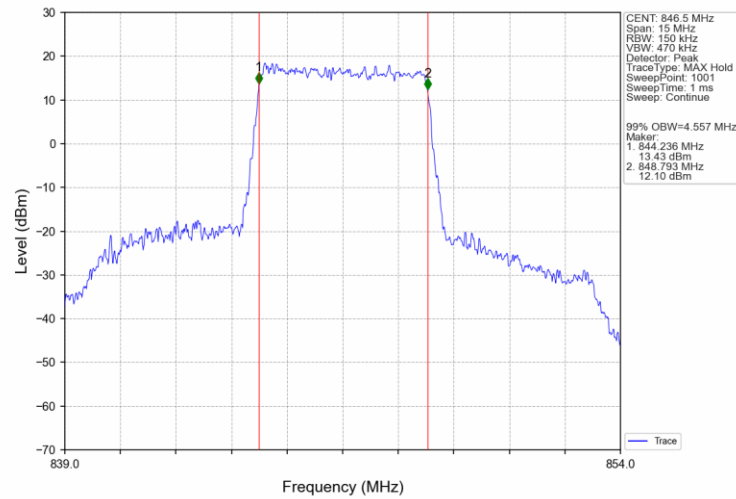
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



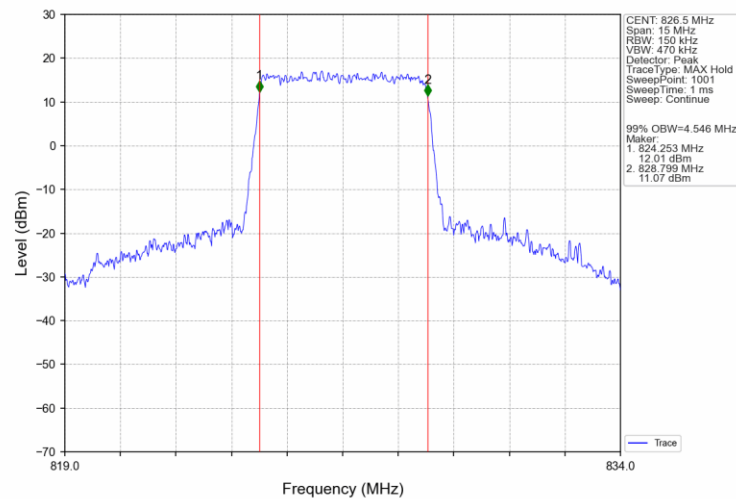
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



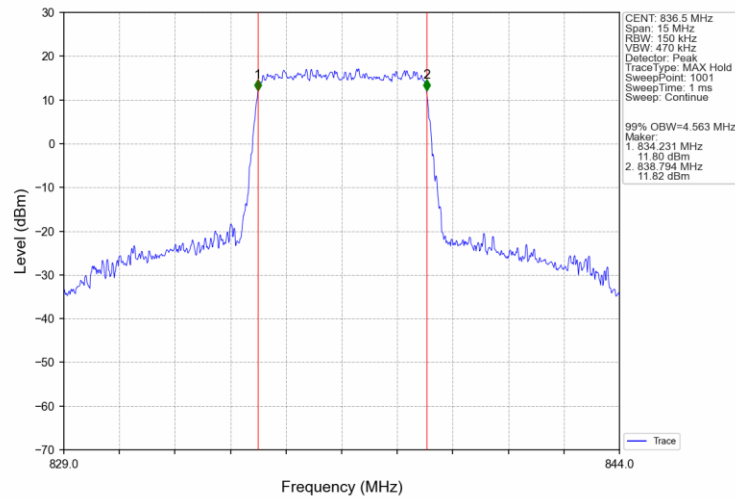
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



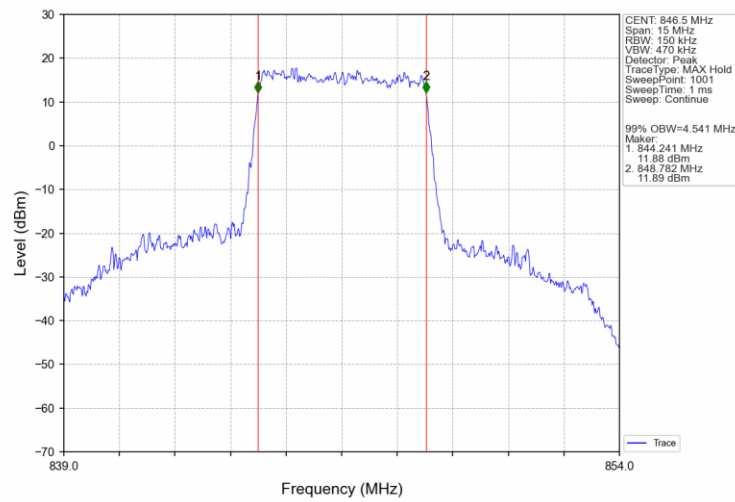
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



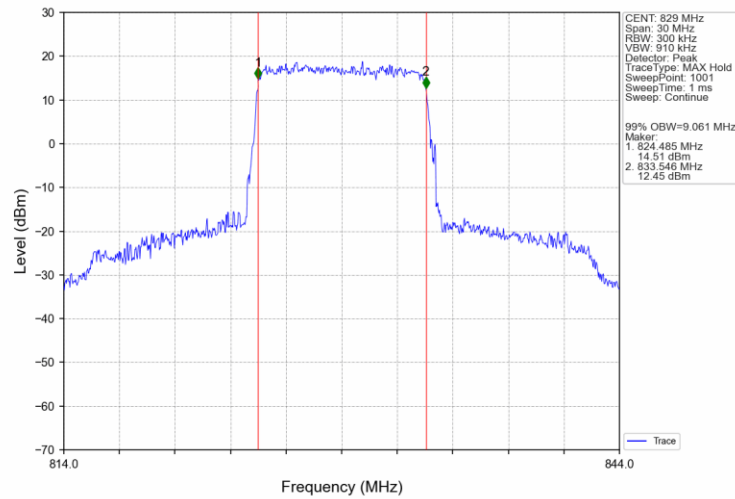
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



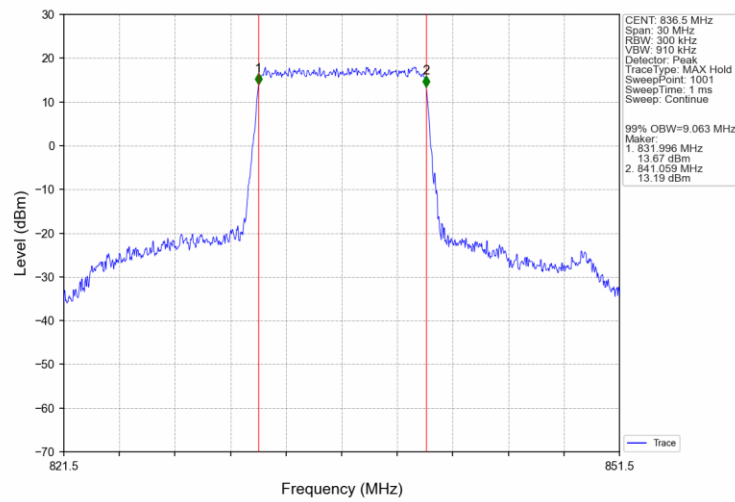
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



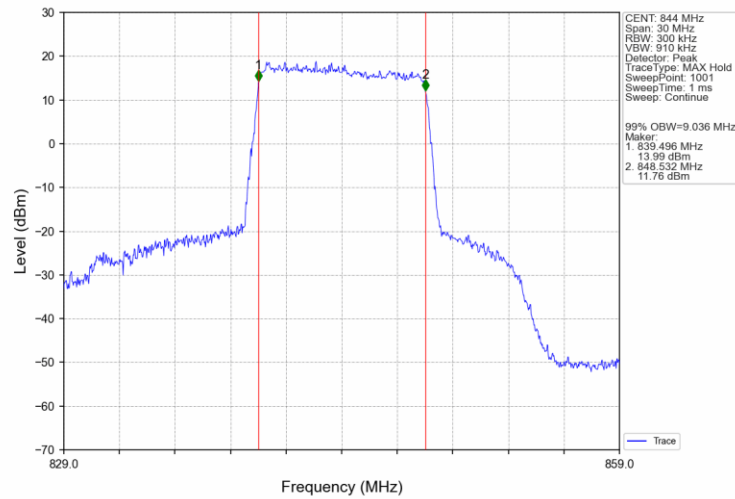
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



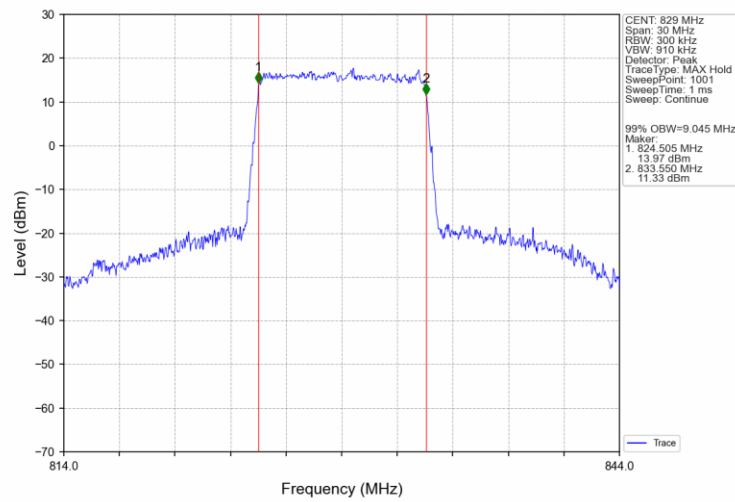
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



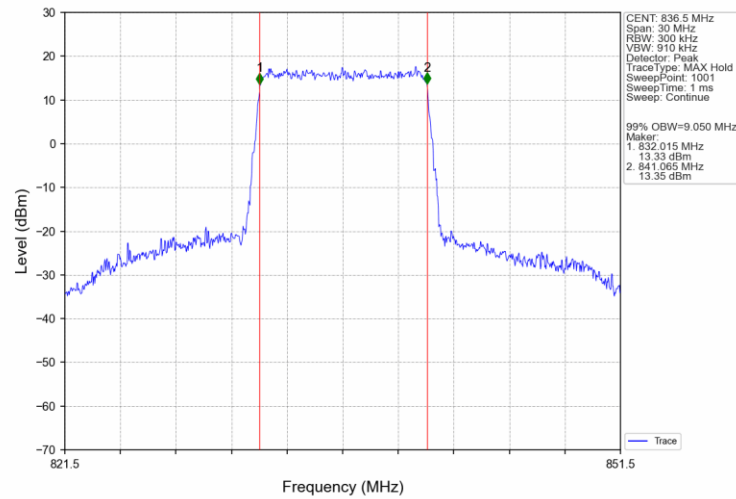
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



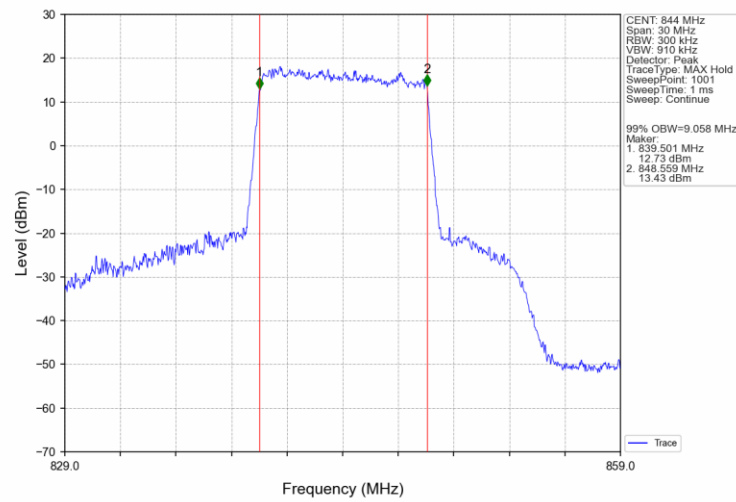
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

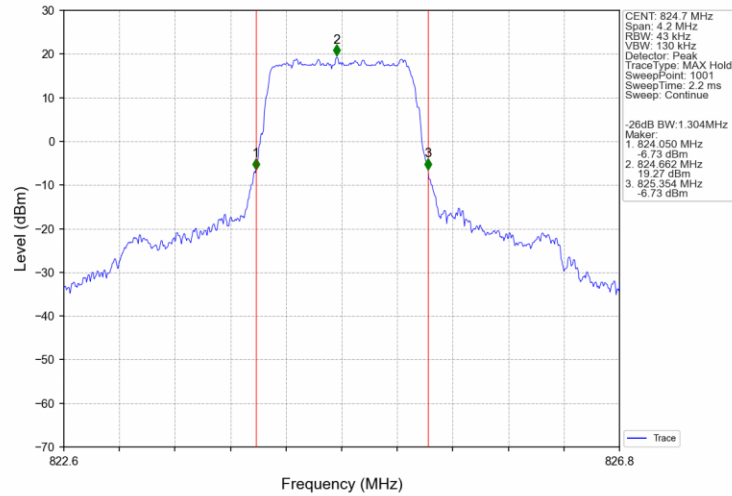


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

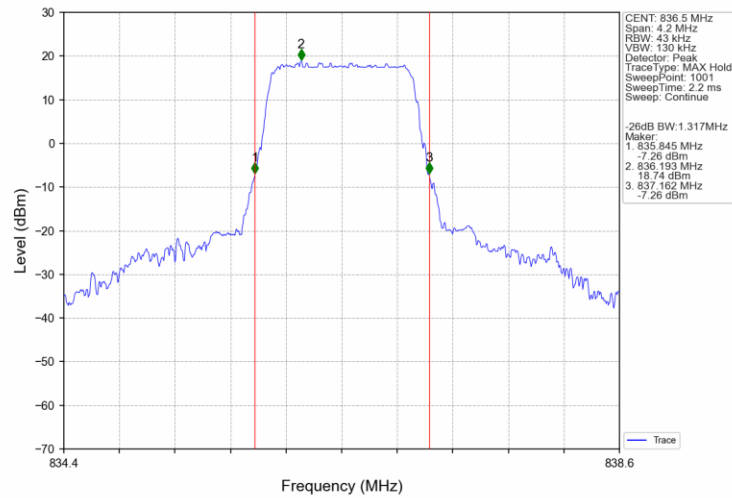


4.2.2 Band5_XDB

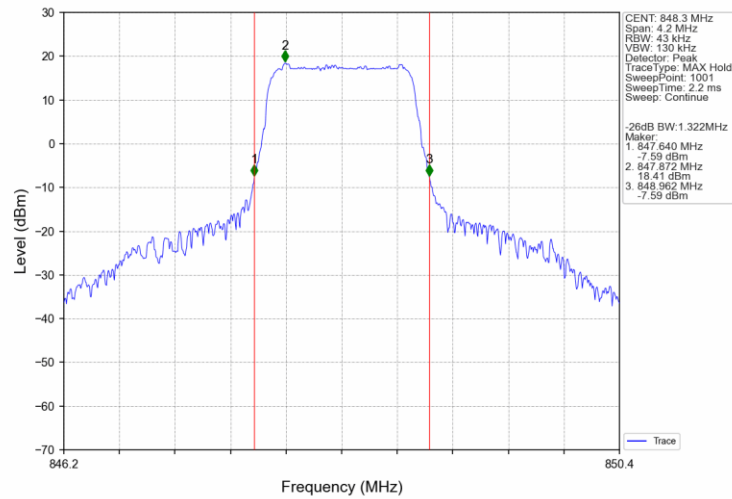
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



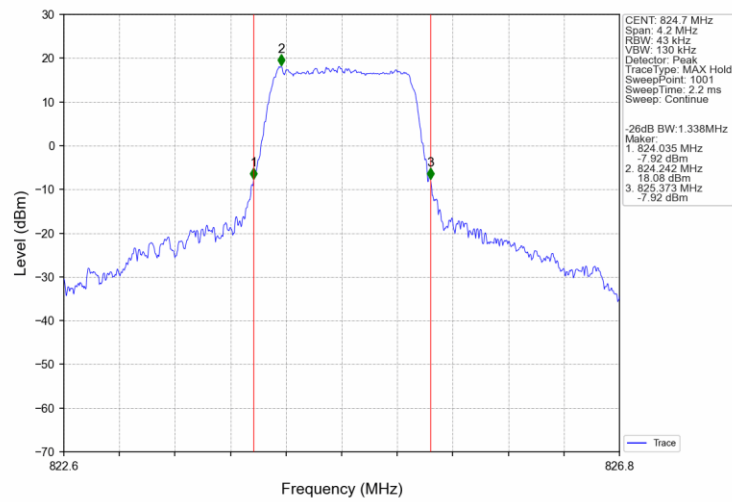
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTNV



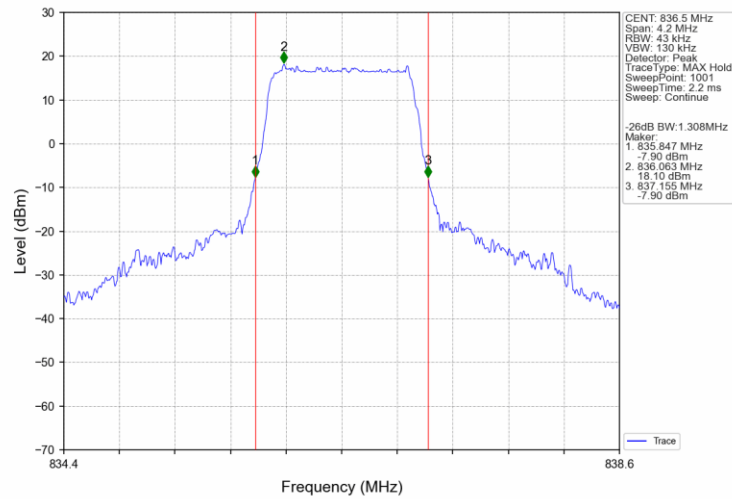
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



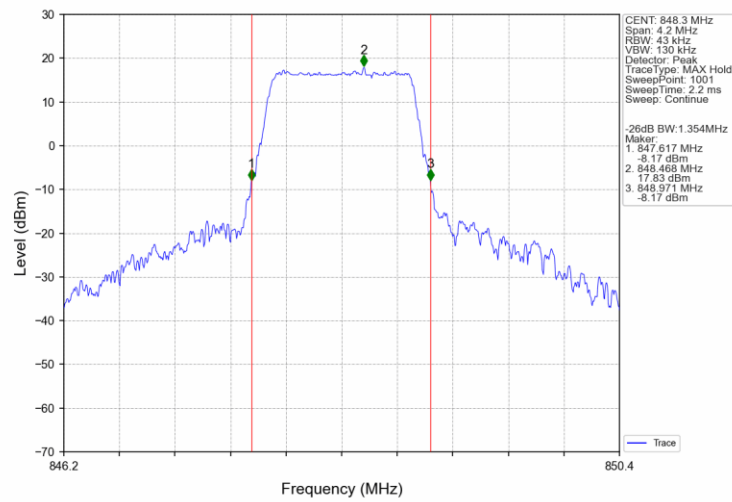
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



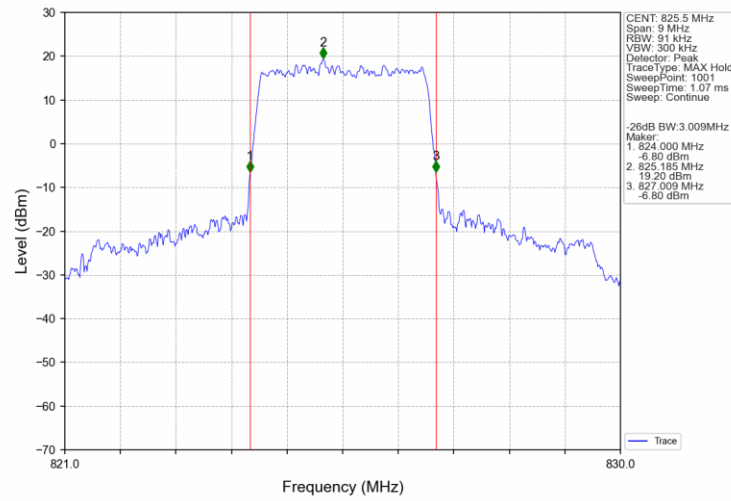
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



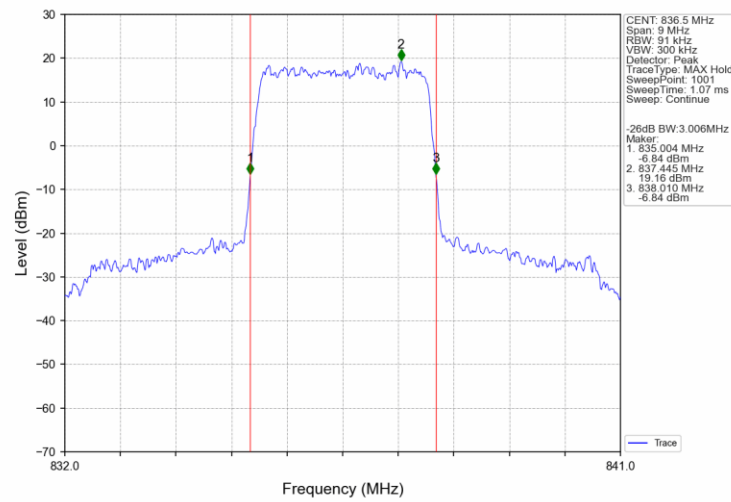
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



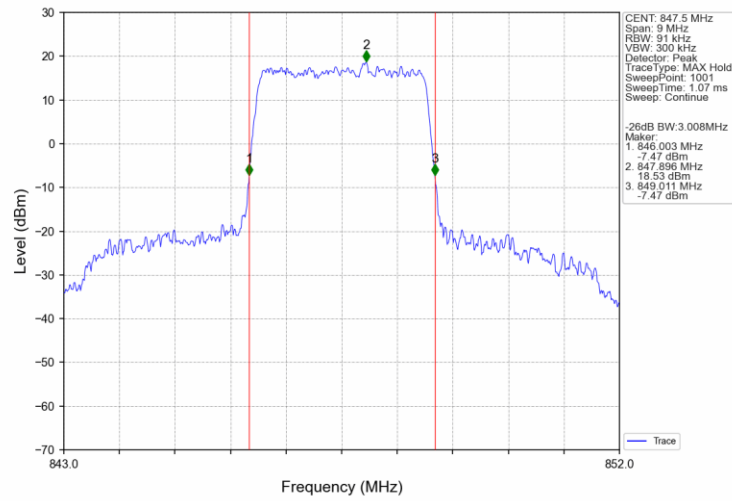
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



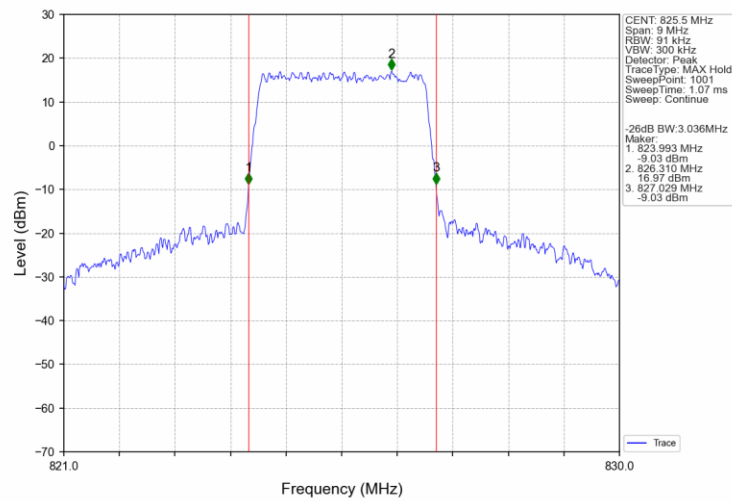
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



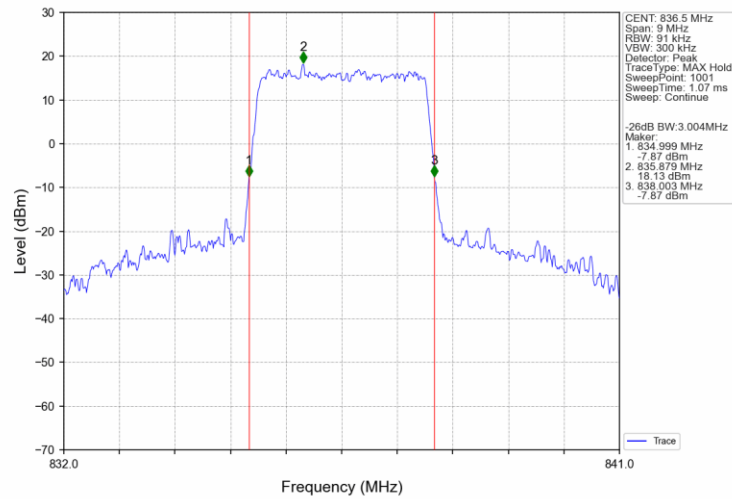
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



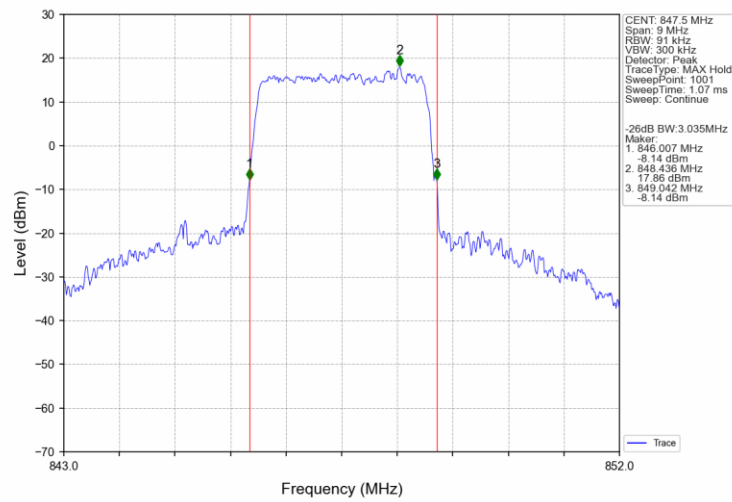
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



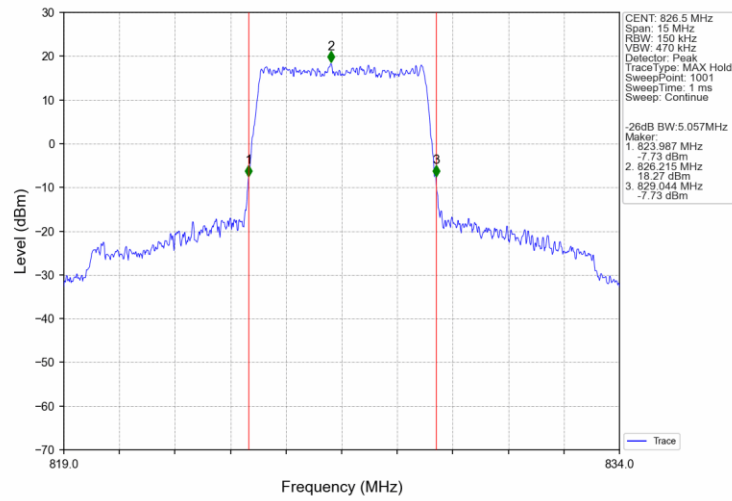
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



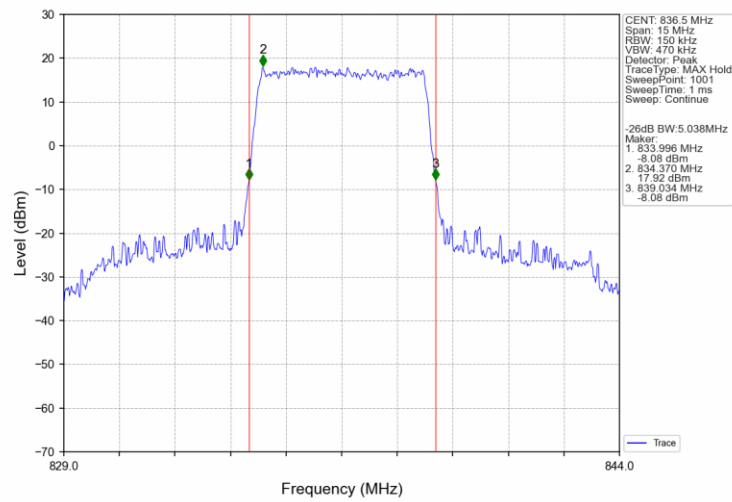
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



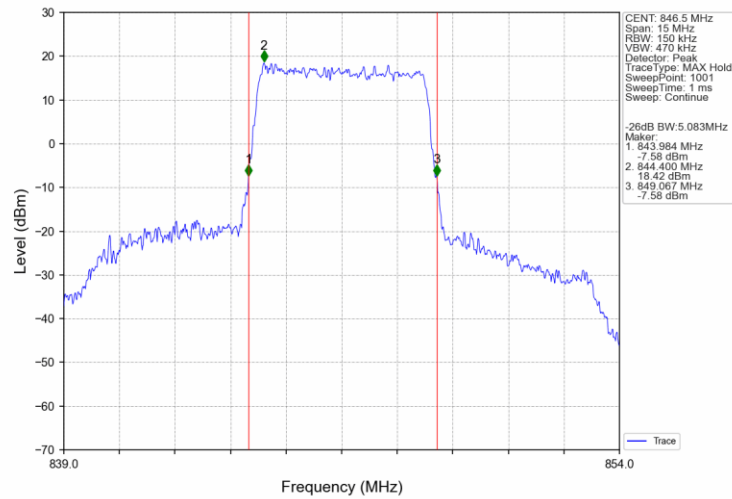
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



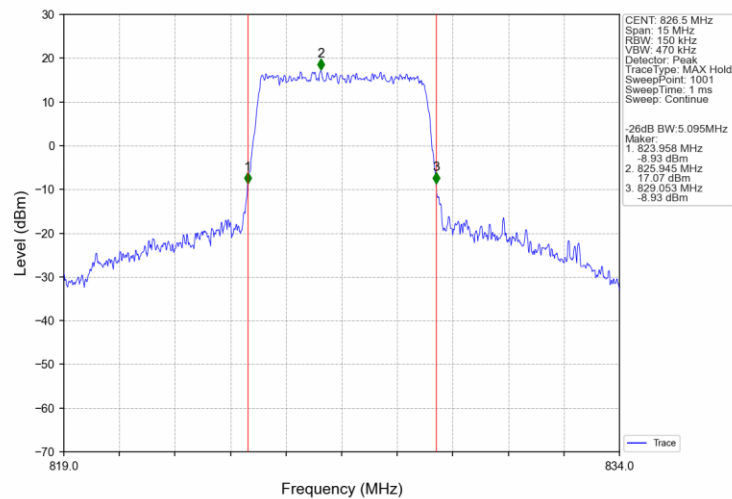
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



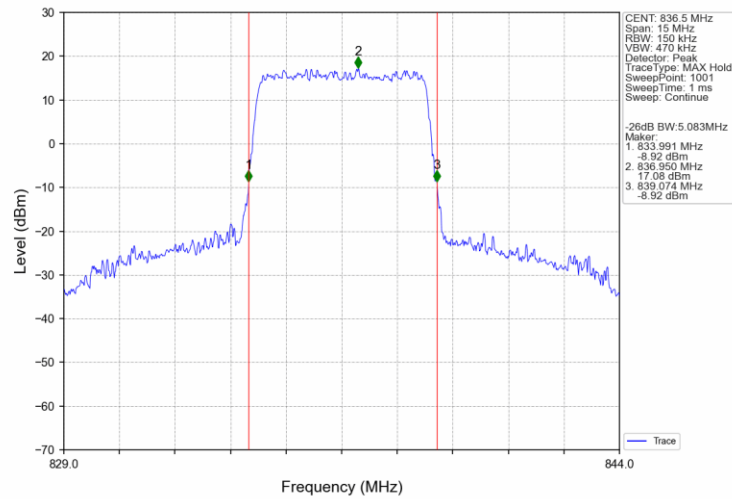
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



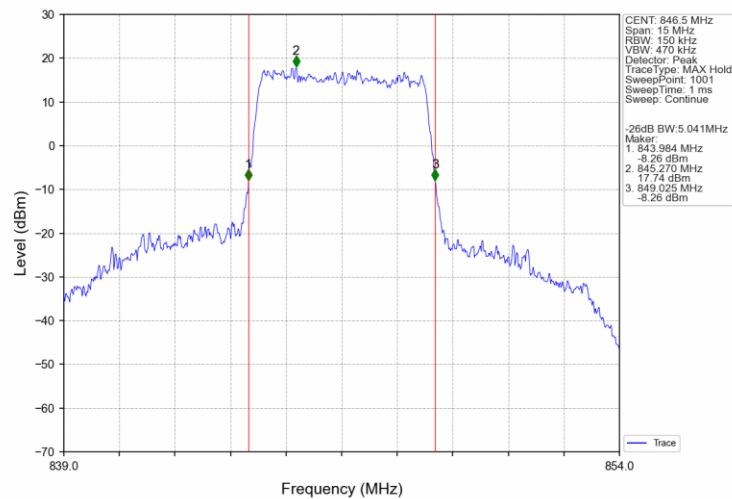
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



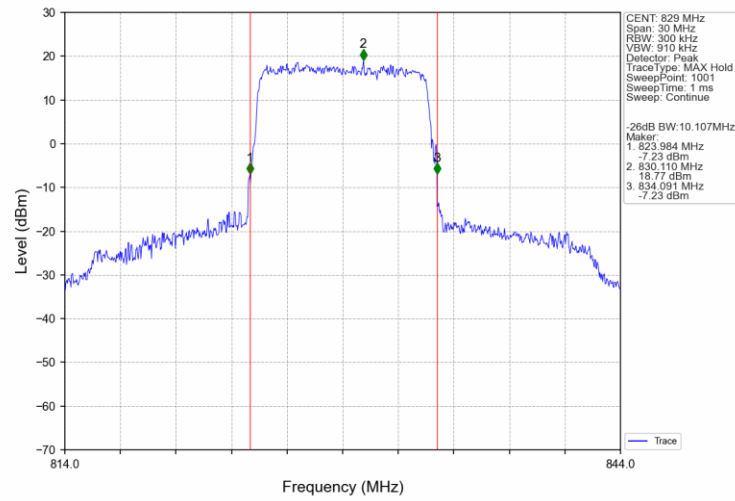
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



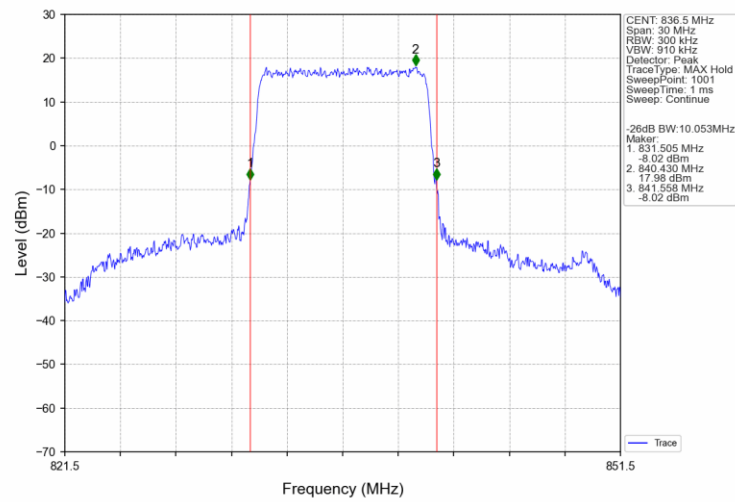
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



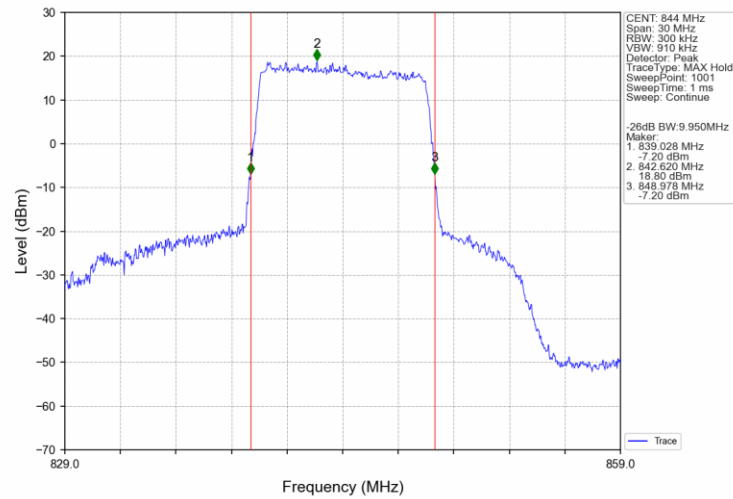
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



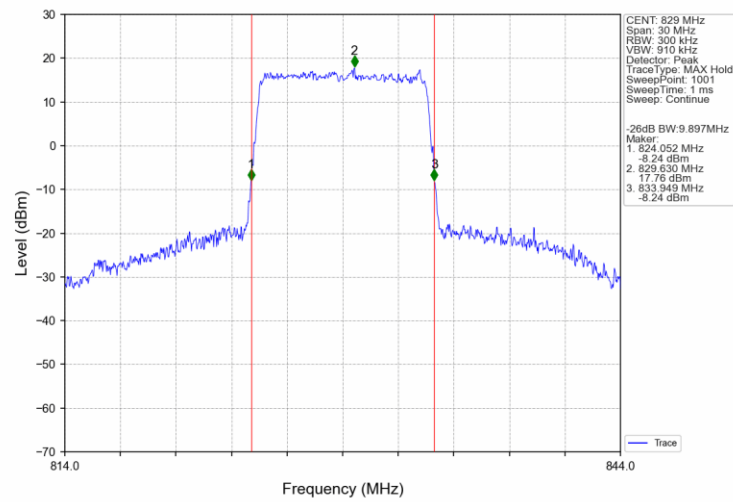
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



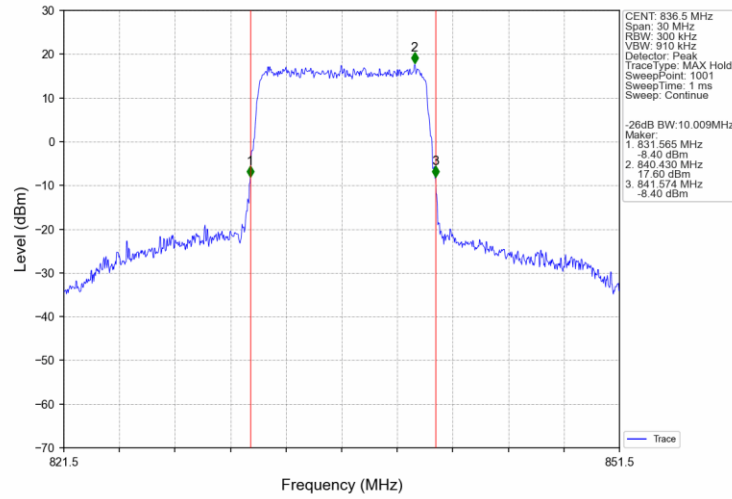
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



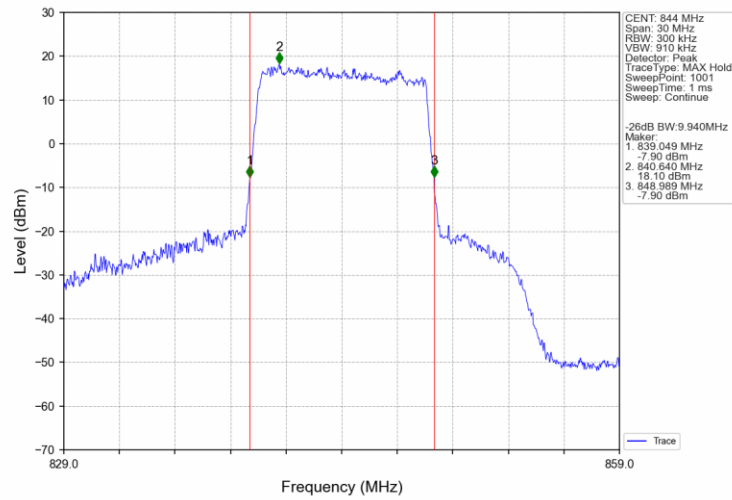
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.78	<=13	Pass
	836.5	6	0	5.40	<=13	Pass
	848.3	6	0	5.07	<=13	Pass
16QAM	824.7	6	0	5.58	<=13	Pass
	836.5	6	0	6.12	<=13	Pass
	848.3	6	0	5.86	<=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	4.94	<=13	Pass
	836.5	15	0	5.44	<=13	Pass
	847.5	15	0	5.32	<=13	Pass
16QAM	825.5	15	0	5.74	<=13	Pass
	836.5	15	0	6.29	<=13	Pass
	847.5	15	0	6.12	<=13	Pass

5.1.3 B5_5MHz

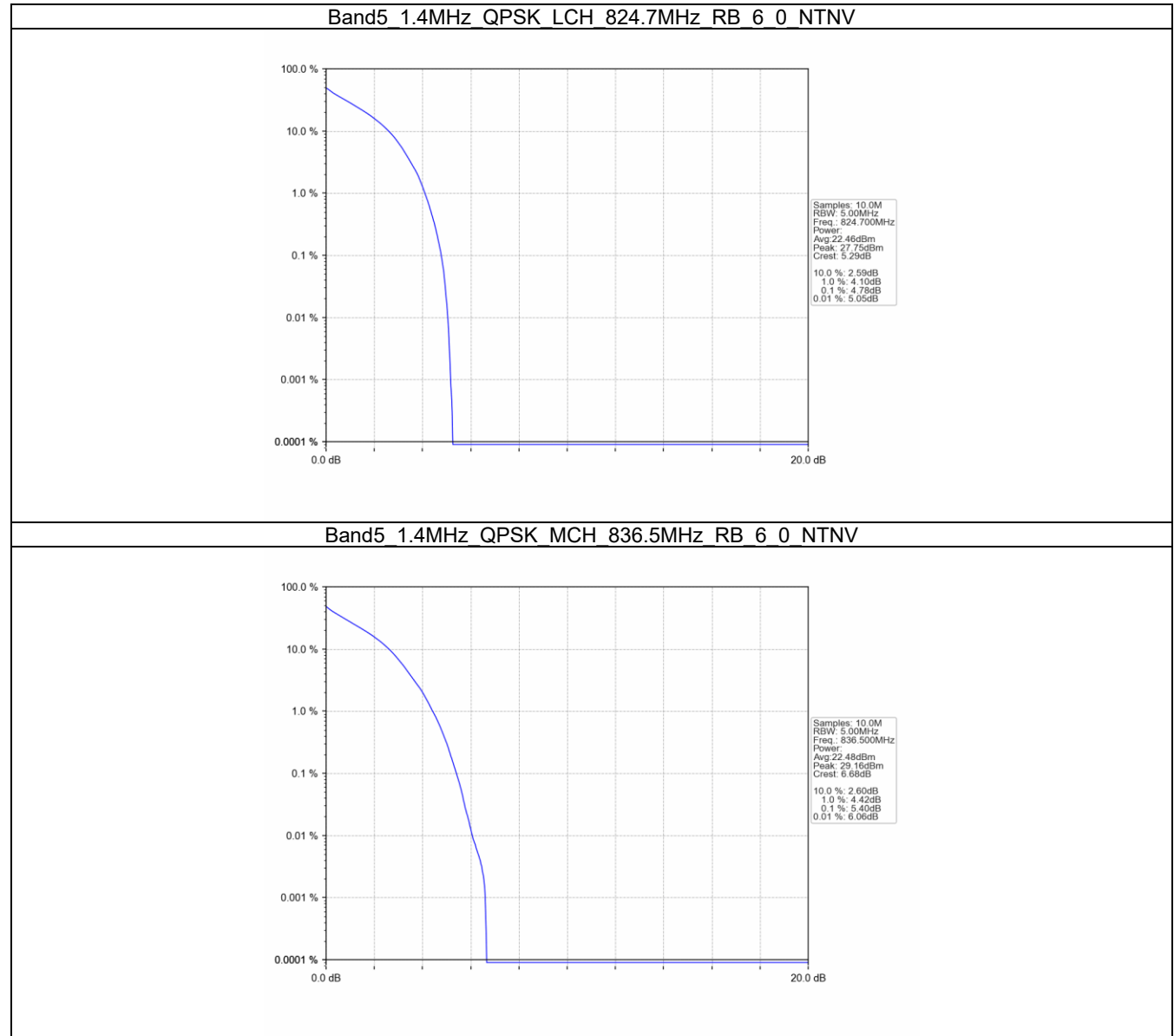
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.26	<=13	Pass
	836.5	25	0	5.59	<=13	Pass
	846.5	25	0	5.51	<=13	Pass
16QAM	826.5	25	0	6.00	<=13	Pass
	836.5	25	0	6.28	<=13	Pass
	846.5	25	0	6.16	<=13	Pass

5.1.4 B5_10MHz

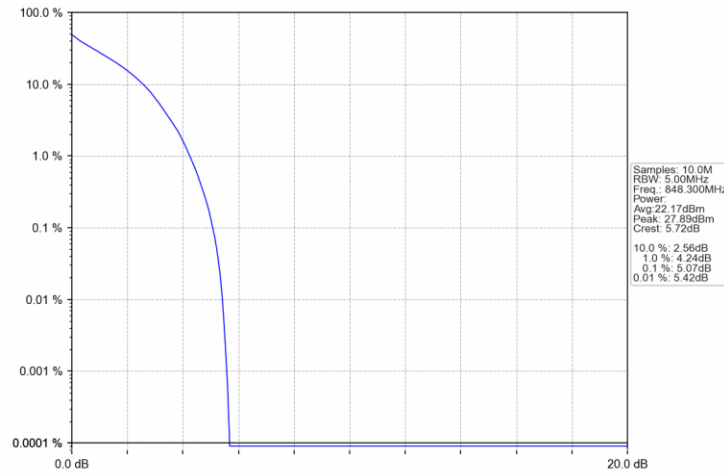
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.32	<=13	Pass
	836.5	50	0	5.51	<=13	Pass
	844	50	0	5.44	<=13	Pass
16QAM	829	50	0	6.10	<=13	Pass
	836.5	50	0	6.29	<=13	Pass
	844	50	0	6.18	<=13	Pass

5.2 Test Graph

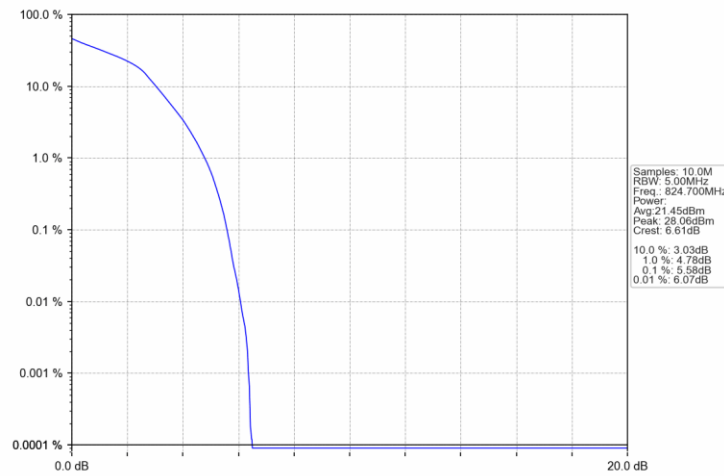
5.2.1 B5_1.4MHz



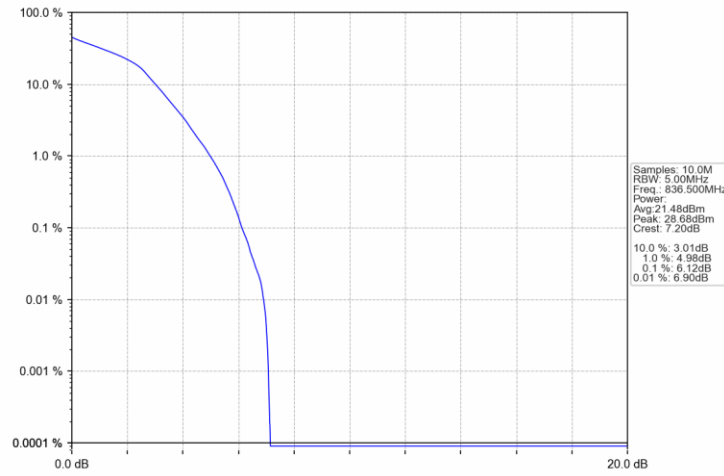
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



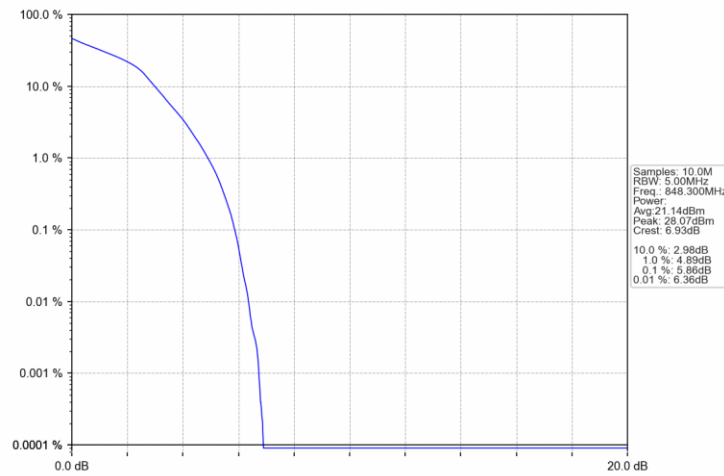
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

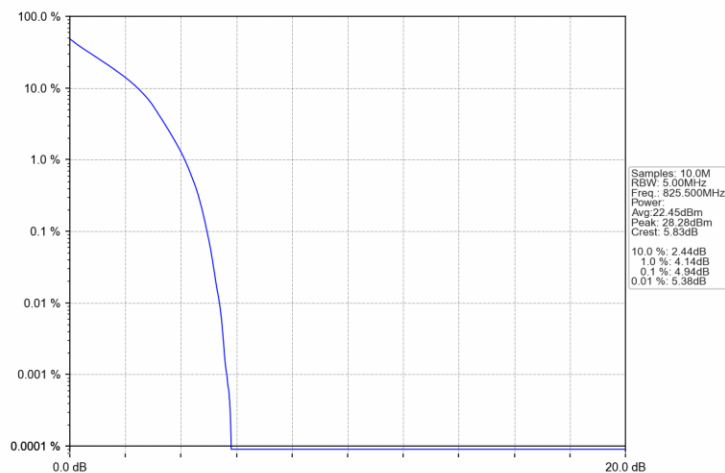


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

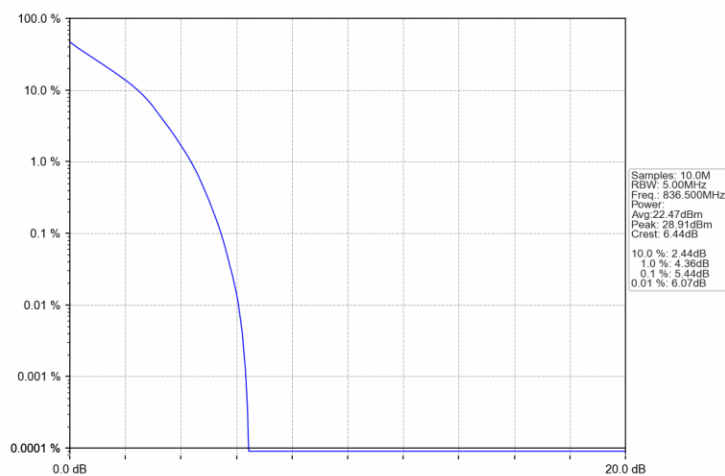


5.2.2 B5_3MHz

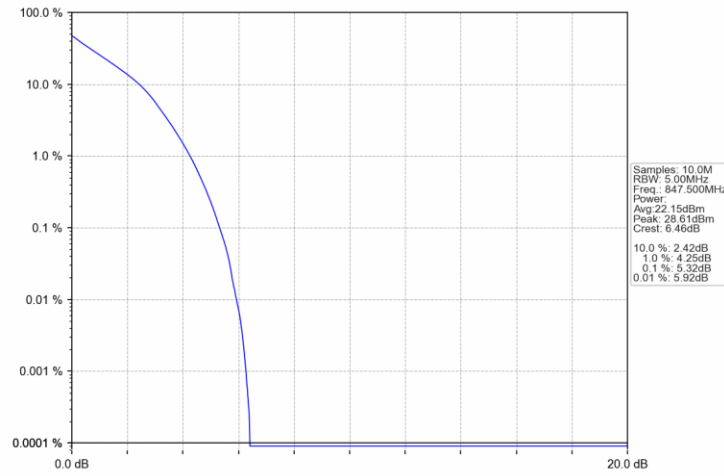
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



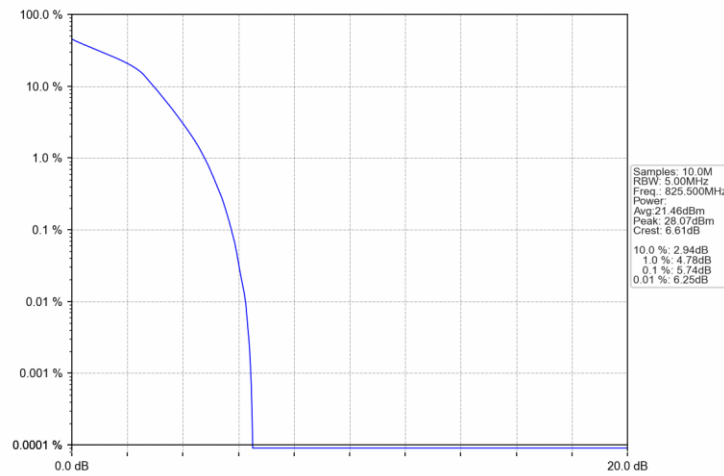
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



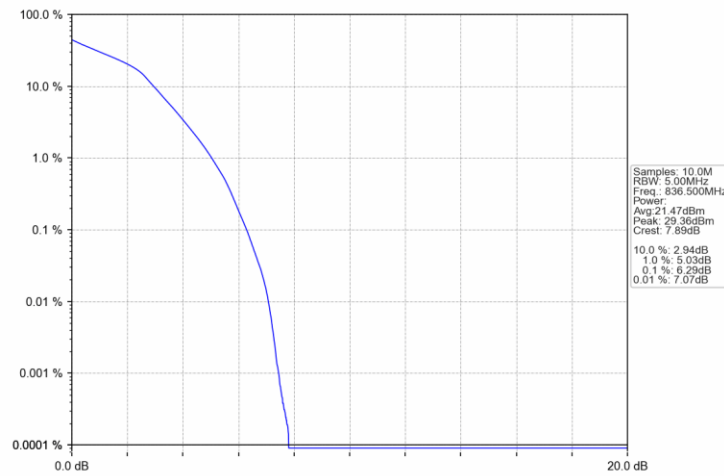
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



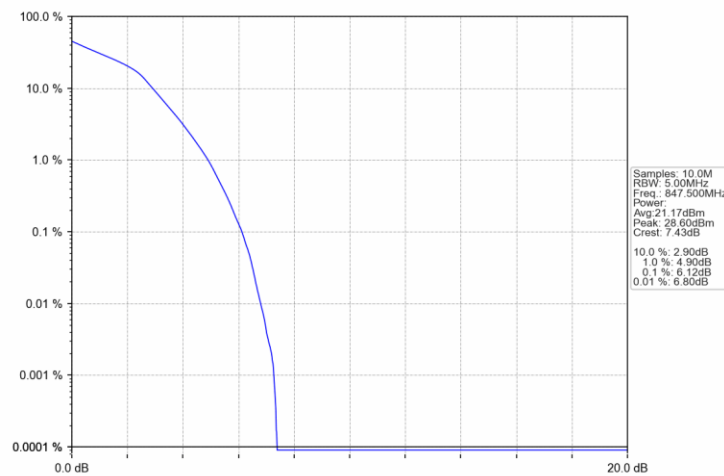
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

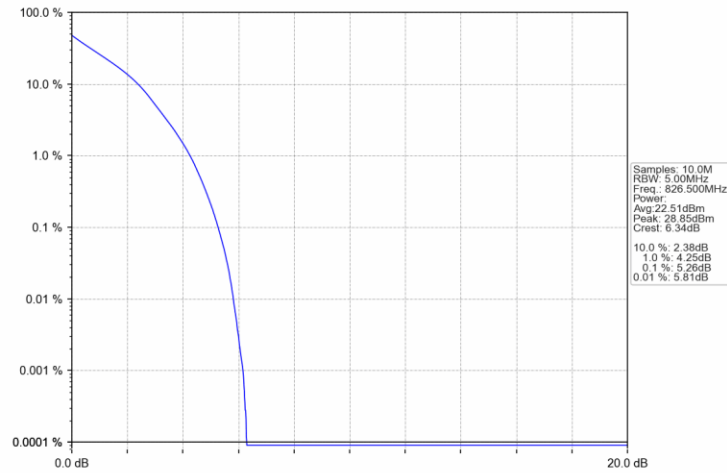


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

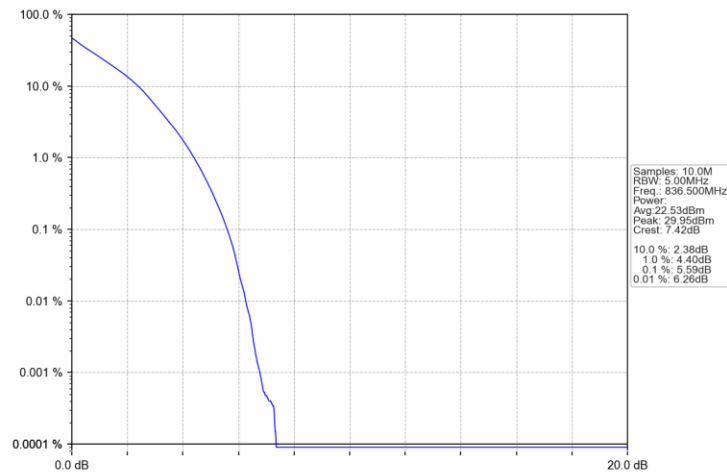


5.2.3 B5_5MHz

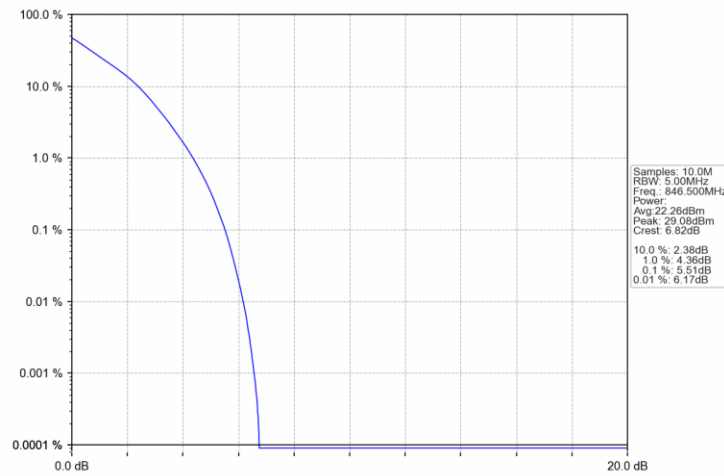
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



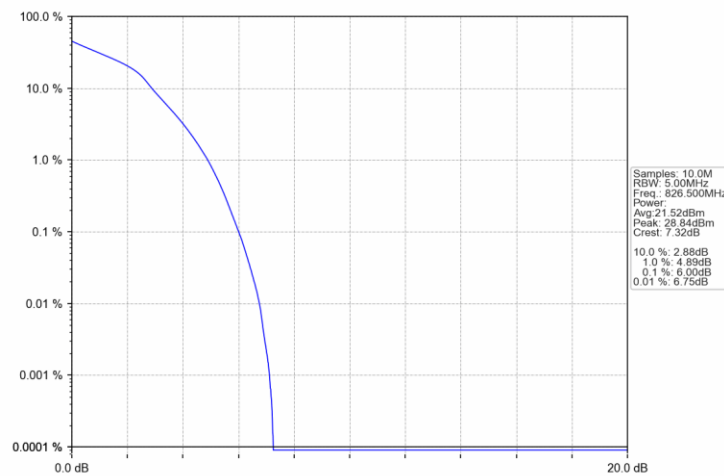
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



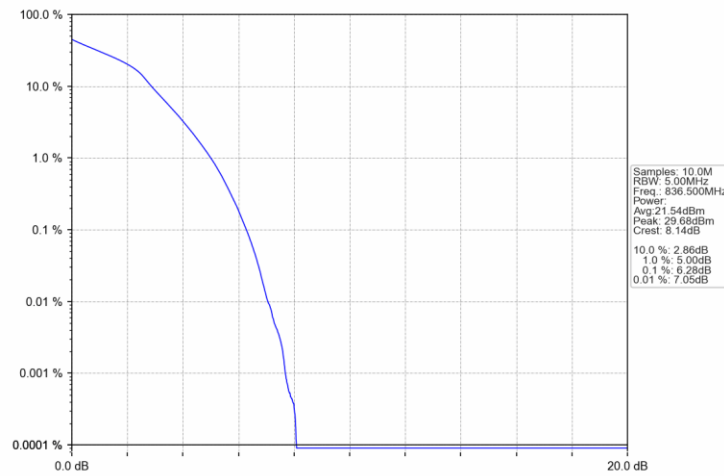
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



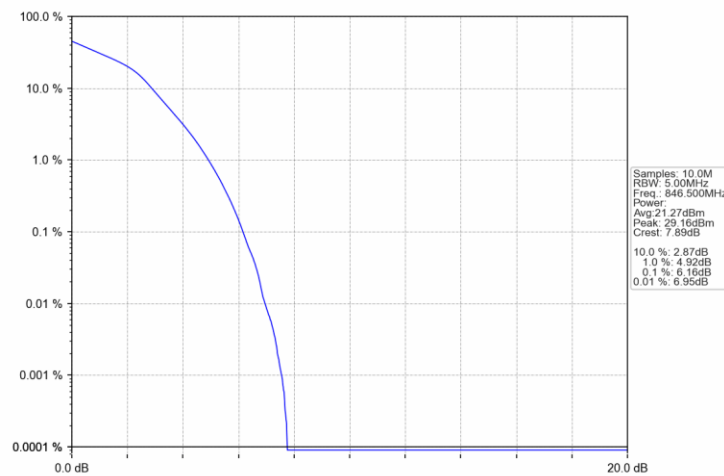
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

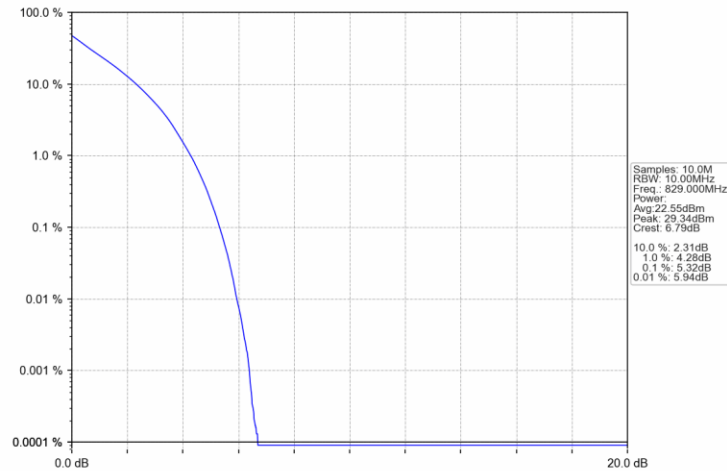


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

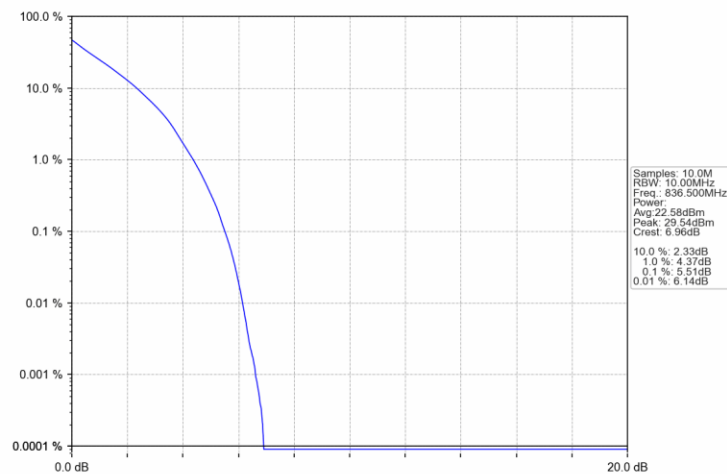


5.2.4 B5_10MHz

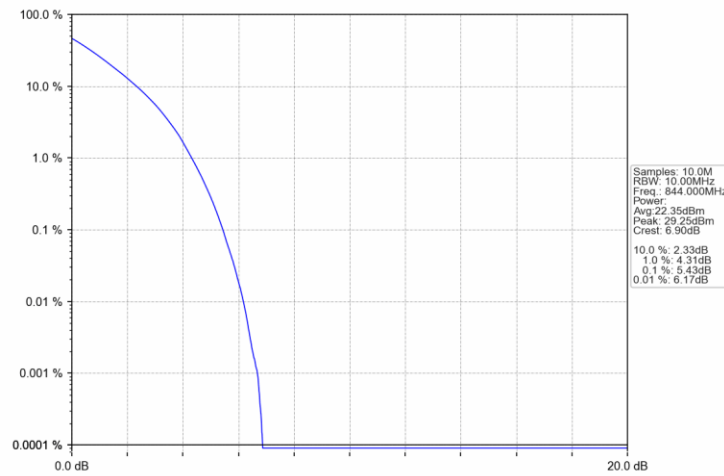
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



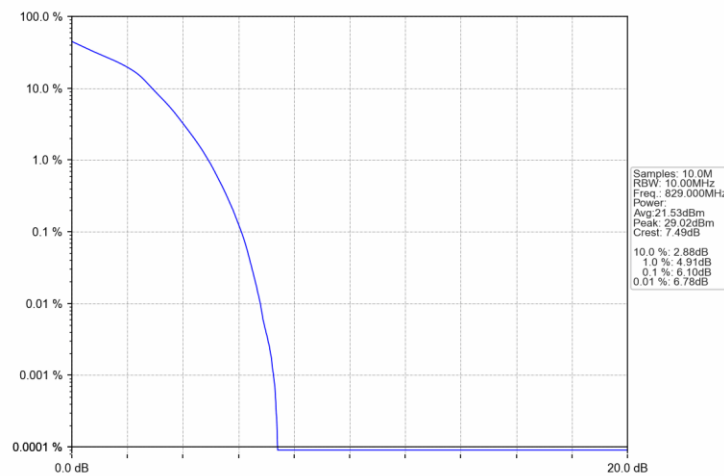
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



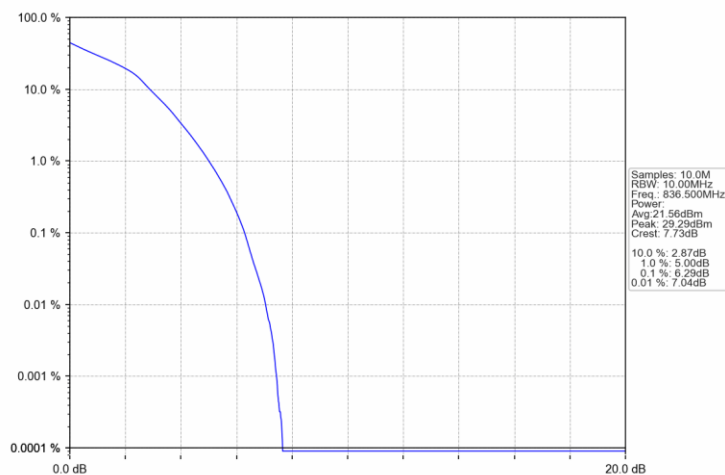
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



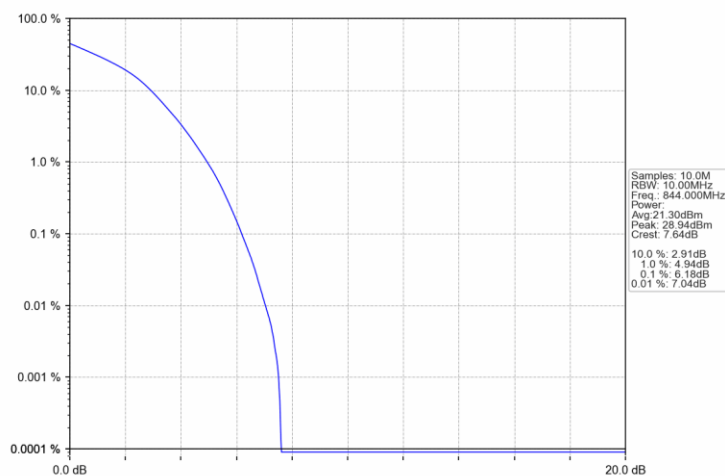
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

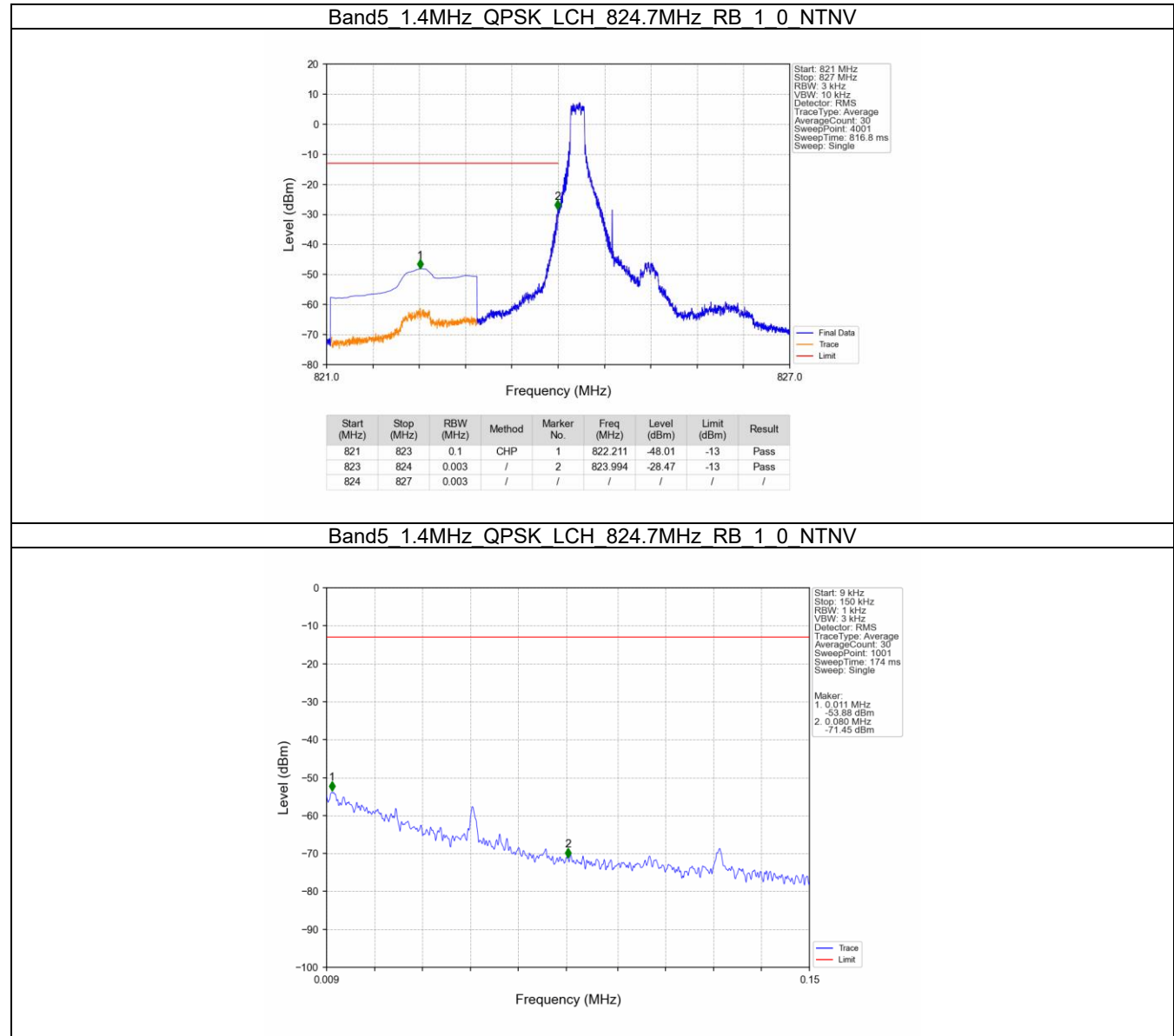
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

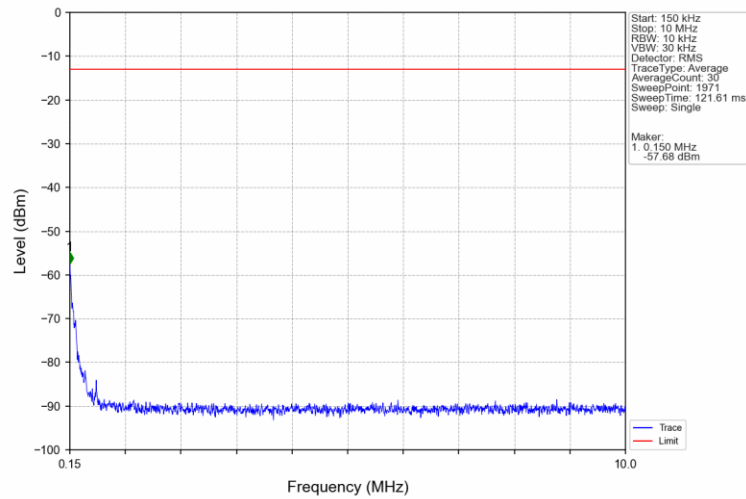
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

