

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	23.77	-3.80	17.82	<=38.45	Pass
			2	23.76	-3.80	17.81	<=38.45	Pass
			5	23.75	-3.80	17.80	<=38.45	Pass
		3	0	23.83	-3.80	17.88	<=38.45	Pass
			2	23.82	-3.80	17.87	<=38.45	Pass
			3	23.80	-3.80	17.85	<=38.45	Pass
		6	0	22.85	-3.80	16.90	<=38.45	Pass
	836.5	1	0	24.27	-3.80	18.32	<=38.45	Pass
			2	24.36	-3.80	18.41	<=38.45	Pass
			5	24.31	-3.80	18.36	<=38.45	Pass
		3	0	24.58	-3.80	18.63	<=38.45	Pass
			2	24.49	-3.80	18.54	<=38.45	Pass
			3	24.54	-3.80	18.59	<=38.45	Pass
		6	0	23.55	-3.80	17.60	<=38.45	Pass
	848.3	1	0	24.03	-3.80	18.08	<=38.45	Pass
			2	24.05	-3.80	18.10	<=38.45	Pass
			5	24.07	-3.80	18.12	<=38.45	Pass
		3	0	24.33	-3.80	18.38	<=38.45	Pass
			2	24.13	-3.80	18.18	<=38.45	Pass
			3	24.02	-3.80	18.07	<=38.45	Pass
		6	0	22.99	-3.80	17.04	<=38.45	Pass
16QAM	824.7	1	0	23.01	-3.80	17.06	<=38.45	Pass
			2	23.00	-3.80	17.05	<=38.45	Pass
			5	23.00	-3.80	17.05	<=38.45	Pass
		3	0	22.81	-3.80	16.86	<=38.45	Pass
			2	22.82	-3.80	16.87	<=38.45	Pass
			3	22.82	-3.80	16.87	<=38.45	Pass
		6	0	21.87	-3.80	15.92	<=38.45	Pass
	836.5	1	0	23.67	-3.80	17.72	<=38.45	Pass
			2	23.75	-3.80	17.80	<=38.45	Pass
			5	23.72	-3.80	17.77	<=38.45	Pass
		3	0	23.80	-3.80	17.85	<=38.45	Pass
			2	23.73	-3.80	17.78	<=38.45	Pass
			3	23.81	-3.80	17.86	<=38.45	Pass
		6	0	22.86	-3.80	16.91	<=38.45	Pass
	848.3	1	0	22.95	-3.80	17.00	<=38.45	Pass
			2	22.89	-3.80	16.94	<=38.45	Pass
			5	22.96	-3.80	17.01	<=38.45	Pass
		3	0	23.37	-3.80	17.42	<=38.45	Pass
			2	23.34	-3.80	17.39	<=38.45	Pass
			3	23.42	-3.80	17.47	<=38.45	Pass
		6	0	22.33	-3.80	16.38	<=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	24.49	-3.80	18.54	<=38.45	Pass
			7	24.43	-3.80	18.48	<=38.45	Pass
			14	24.43	-3.80	18.48	<=38.45	Pass
		8	0	23.93	-3.80	17.98	<=38.45	Pass
			4	23.89	-3.80	17.94	<=38.45	Pass
			7	23.84	-3.80	17.89	<=38.45	Pass
		15	0	23.83	-3.80	17.88	<=38.45	Pass
	836.5	1	0	24.22	-3.80	18.27	<=38.45	Pass
			7	23.90	-3.80	17.95	<=38.45	Pass
			14	23.92	-3.80	17.97	<=38.45	Pass
		8	0	23.39	-3.80	17.44	<=38.45	Pass
			4	23.39	-3.80	17.44	<=38.45	Pass
			7	23.40	-3.80	17.45	<=38.45	Pass
		15	0	23.46	-3.80	17.51	<=38.45	Pass
	847.5	1	0	23.66	-3.80	17.71	<=38.45	Pass
			7	23.63	-3.80	17.68	<=38.45	Pass
			14	23.70	-3.80	17.75	<=38.45	Pass
		8	0	23.13	-3.80	17.18	<=38.45	Pass
			4	23.15	-3.80	17.20	<=38.45	Pass
			7	23.17	-3.80	17.22	<=38.45	Pass
		15	0	23.22	-3.80	17.27	<=38.45	Pass
16QAM	825.5	1	0	23.59	-3.80	17.64	<=38.45	Pass
			7	23.46	-3.80	17.51	<=38.45	Pass
			14	23.50	-3.80	17.55	<=38.45	Pass
		8	0	23.10	-3.80	17.15	<=38.45	Pass
			4	23.03	-3.80	17.08	<=38.45	Pass
			7	22.97	-3.80	17.02	<=38.45	Pass
		15	0	23.06	-3.80	17.11	<=38.45	Pass
	836.5	1	0	23.32	-3.80	17.37	<=38.45	Pass
			7	23.29	-3.80	17.34	<=38.45	Pass
			14	23.34	-3.80	17.39	<=38.45	Pass
		8	0	22.62	-3.80	16.67	<=38.45	Pass
			4	22.62	-3.80	16.67	<=38.45	Pass
			7	22.64	-3.80	16.69	<=38.45	Pass
		15	0	22.71	-3.80	16.76	<=38.45	Pass
	847.5	1	0	23.48	-3.80	17.53	<=38.45	Pass
			7	23.45	-3.80	17.50	<=38.45	Pass
			14	23.48	-3.80	17.53	<=38.45	Pass
		8	0	22.52	-3.80	16.57	<=38.45	Pass
			4	22.60	-3.80	16.65	<=38.45	Pass
			7	22.61	-3.80	16.66	<=38.45	Pass
		15	0	22.56	-3.80	16.61	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	24.64	-3.80	18.69	<=38.45	Pass
			13	24.63	-3.80	18.68	<=38.45	Pass
			24	24.48	-3.80	18.53	<=38.45	Pass
		12	0	23.97	-3.80	18.02	<=38.45	Pass
			6	23.83	-3.80	17.88	<=38.45	Pass
			13	23.69	-3.80	17.74	<=38.45	Pass
		25	0	23.73	-3.80	17.78	<=38.45	Pass
	836.5	1	0	24.07	-3.80	18.12	<=38.45	Pass
			13	24.17	-3.80	18.22	<=38.45	Pass
			24	24.11	-3.80	18.16	<=38.45	Pass
		12	0	23.46	-3.80	17.51	<=38.45	Pass
			6	23.50	-3.80	17.55	<=38.45	Pass
			13	23.56	-3.80	17.61	<=38.45	Pass
		25	0	23.56	-3.80	17.61	<=38.45	Pass
	846.5	1	0	23.97	-3.80	18.02	<=38.45	Pass
			13	23.92	-3.80	17.97	<=38.45	Pass
			24	23.91	-3.80	17.96	<=38.45	Pass
		12	0	23.39	-3.80	17.44	<=38.45	Pass
			6	23.28	-3.80	17.33	<=38.45	Pass
			13	23.31	-3.80	17.36	<=38.45	Pass
		25	0	23.35	-3.80	17.40	<=38.45	Pass
16QAM	826.5	1	0	23.58	-3.80	17.63	<=38.45	Pass
			13	23.54	-3.80	17.59	<=38.45	Pass
			24	23.43	-3.80	17.48	<=38.45	Pass
		12	0	22.87	-3.80	16.92	<=38.45	Pass
			6	22.86	-3.80	16.91	<=38.45	Pass
			13	22.75	-3.80	16.80	<=38.45	Pass
		25	0	22.90	-3.80	16.95	<=38.45	Pass
	836.5	1	0	23.60	-3.80	17.65	<=38.45	Pass
			13	23.66	-3.80	17.71	<=38.45	Pass
			24	23.65	-3.80	17.70	<=38.45	Pass
		12	0	22.78	-3.80	16.83	<=38.45	Pass
			6	22.82	-3.80	16.87	<=38.45	Pass
			13	22.87	-3.80	16.92	<=38.45	Pass
		25	0	22.83	-3.80	16.88	<=38.45	Pass
	846.5	1	0	23.08	-3.80	17.13	<=38.45	Pass
			13	23.04	-3.80	17.09	<=38.45	Pass
			24	23.05	-3.80	17.10	<=38.45	Pass
		12	0	22.67	-3.80	16.72	<=38.45	Pass
			6	22.55	-3.80	16.60	<=38.45	Pass
			13	22.58	-3.80	16.63	<=38.45	Pass
		25	0	22.68	-3.80	16.73	<=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	24.68	-3.80	18.73	<=38.45	Pass
			25	24.52	-3.80	18.57	<=38.45	Pass
			49	24.12	-3.80	18.17	<=38.45	Pass
		25	0	23.71	-3.80	17.76	<=38.45	Pass
			13	23.55	-3.80	17.60	<=38.45	Pass
			25	23.50	-3.80	17.55	<=38.45	Pass
		50	0	23.64	-3.80	17.69	<=38.45	Pass
	836.5	1	0	24.06	-3.80	18.11	<=38.45	Pass
			25	24.08	-3.80	18.13	<=38.45	Pass
			49	24.15	-3.80	18.20	<=38.45	Pass
		25	0	23.49	-3.80	17.54	<=38.45	Pass
			13	23.55	-3.80	17.60	<=38.45	Pass
			25	23.62	-3.80	17.67	<=38.45	Pass
		50	0	23.61	-3.80	17.66	<=38.45	Pass
	844	1	0	24.15	-3.80	18.20	<=38.45	Pass
			25	23.93	-3.80	17.98	<=38.45	Pass
			49	23.93	-3.80	17.98	<=38.45	Pass
		25	0	23.59	-3.80	17.64	<=38.45	Pass
			13	23.41	-3.80	17.46	<=38.45	Pass
			25	23.28	-3.80	17.33	<=38.45	Pass
		50	0	23.47	-3.80	17.52	<=38.45	Pass
16QAM	829	1	0	23.54	-3.80	17.59	<=38.45	Pass
			25	23.33	-3.80	17.38	<=38.45	Pass
			49	23.40	-3.80	17.45	<=38.45	Pass
		25	0	23.00	-3.80	17.05	<=38.45	Pass
			13	22.90	-3.80	16.95	<=38.45	Pass
			25	22.89	-3.80	16.94	<=38.45	Pass
		50	0	22.95	-3.80	17.00	<=38.45	Pass
	836.5	1	0	23.51	-3.80	17.56	<=38.45	Pass
			25	23.49	-3.80	17.54	<=38.45	Pass
			49	23.58	-3.80	17.63	<=38.45	Pass
		25	0	22.83	-3.80	16.88	<=38.45	Pass
			13	22.88	-3.80	16.93	<=38.45	Pass
			25	22.95	-3.80	17.00	<=38.45	Pass
		50	0	22.89	-3.80	16.94	<=38.45	Pass
	844	1	0	23.95	-3.80	18.00	<=38.45	Pass
			25	23.70	-3.80	17.75	<=38.45	Pass
			49	23.74	-3.80	17.79	<=38.45	Pass
		25	0	22.94	-3.80	16.99	<=38.45	Pass
			13	22.75	-3.80	16.80	<=38.45	Pass
			25	22.64	-3.80	16.69	<=38.45	Pass
		50	0	22.77	-3.80	16.82	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	LV	2.475	0.0030	-2.5 to 2.5	Pass
					NV	-0.443	-0.0005	-2.5 to 2.5	Pass
					HV	4.621	0.0056	-2.5 to 2.5	Pass
				-30	NV	-4.807	-0.0058	-2.5 to 2.5	Pass
				-20	NV	-1.616	-0.0020	-2.5 to 2.5	Pass
				-10	NV	-5.021	-0.0061	-2.5 to 2.5	Pass
				0	NV	-3.033	-0.0037	-2.5 to 2.5	Pass
				10	NV	1.516	0.0018	-2.5 to 2.5	Pass
				30	NV	-1.416	-0.0017	-2.5 to 2.5	Pass
				40	NV	-0.157	-0.0002	-2.5 to 2.5	Pass
				50	NV	-3.633	-0.0044	-2.5 to 2.5	Pass
	836.5	6	0	20	LV	0.415	0.0005	-2.5 to 2.5	Pass
					NV	-3.905	-0.0047	-2.5 to 2.5	Pass
					HV	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	NV	-3.777	-0.0045	-2.5 to 2.5	Pass
				-20	NV	-4.950	-0.0059	-2.5 to 2.5	Pass
				-10	NV	-2.589	-0.0031	-2.5 to 2.5	Pass
				0	NV	-4.263	-0.0051	-2.5 to 2.5	Pass
				10	NV	-3.018	-0.0036	-2.5 to 2.5	Pass
				30	NV	0.815	0.0010	-2.5 to 2.5	Pass
				40	NV	0.286	0.0003	-2.5 to 2.5	Pass
				50	NV	-4.692	-0.0056	-2.5 to 2.5	Pass
	848.3	6	0	20	LV	-7.324	-0.0086	-2.5 to 2.5	Pass
					NV	0.315	0.0004	-2.5 to 2.5	Pass
					HV	-2.689	-0.0032	-2.5 to 2.5	Pass
				-30	NV	-3.147	-0.0037	-2.5 to 2.5	Pass
				-20	NV	-2.804	-0.0033	-2.5 to 2.5	Pass
				-10	NV	1.531	0.0018	-2.5 to 2.5	Pass
				0	NV	-1.574	-0.0019	-2.5 to 2.5	Pass
				10	NV	-2.003	-0.0024	-2.5 to 2.5	Pass
				30	NV	2.503	0.0030	-2.5 to 2.5	Pass
				40	NV	-1.574	-0.0019	-2.5 to 2.5	Pass
				50	NV	-1.445	-0.0017	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	LV	-4.449	-0.0054	-2.5 to 2.5	Pass
					NV	-6.537	-0.0079	-2.5 to 2.5	Pass
					HV	-5.565	-0.0067	-2.5 to 2.5	Pass
				-30	NV	-1.574	-0.0019	-2.5 to 2.5	Pass
				-20	NV	-5.393	-0.0065	-2.5 to 2.5	Pass
				-10	NV	-3.705	-0.0045	-2.5 to 2.5	Pass
				0	NV	-2.174	-0.0026	-2.5 to 2.5	Pass
				10	NV	-6.309	-0.0077	-2.5 to 2.5	Pass
				30	NV	-3.090	-0.0037	-2.5 to 2.5	Pass
				40	NV	-5.865	-0.0071	-2.5 to 2.5	Pass
				50	NV	-2.074	-0.0025	-2.5 to 2.5	Pass
	836.5	6	0	20	LV	-5.236	-0.0063	-2.5 to 2.5	Pass
					NV	-8.798	-0.0105	-2.5 to 2.5	Pass
					HV	-1.488	-0.0018	-2.5 to 2.5	Pass
				-30	NV	-12.174	-0.0146	-2.5 to 2.5	Pass
				-20	NV	-5.264	-0.0063	-2.5 to 2.5	Pass
				-10	NV	-2.918	-0.0035	-2.5 to 2.5	Pass

				0	NV	-2.933	-0.0035	-2.5 to 2.5	Pass
				10	NV	-0.772	-0.0009	-2.5 to 2.5	Pass
				30	NV	-6.795	-0.0081	-2.5 to 2.5	Pass
				40	NV	-3.090	-0.0037	-2.5 to 2.5	Pass
				50	NV	-5.450	-0.0065	-2.5 to 2.5	Pass
	848.3	6	0	20	LV	-2.217	-0.0026	-2.5 to 2.5	Pass
					NV	-2.561	-0.0030	-2.5 to 2.5	Pass
					HV	1.216	0.0014	-2.5 to 2.5	Pass
				-30	NV	-0.787	-0.0009	-2.5 to 2.5	Pass
				-20	NV	-5.693	-0.0067	-2.5 to 2.5	Pass
				-10	NV	-3.061	-0.0036	-2.5 to 2.5	Pass
				0	NV	0.186	0.0002	-2.5 to 2.5	Pass
				10	NV	-0.257	-0.0003	-2.5 to 2.5	Pass
				30	NV	0.758	0.0009	-2.5 to 2.5	Pass
				40	NV	-1.788	-0.0021	-2.5 to 2.5	Pass
				50	NV	-2.890	-0.0034	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	LV	-5.379	-0.0065	-2.5 to 2.5	Pass
					NV	-0.958	-0.0012	-2.5 to 2.5	Pass
					HV	-0.343	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-5.536	-0.0067	-2.5 to 2.5	Pass
				-20	NV	-6.981	-0.0085	-2.5 to 2.5	Pass
				-10	NV	0.544	0.0007	-2.5 to 2.5	Pass
				0	NV	-0.958	-0.0012	-2.5 to 2.5	Pass
				10	NV	-4.292	-0.0052	-2.5 to 2.5	Pass
				30	NV	-2.260	-0.0027	-2.5 to 2.5	Pass
				40	NV	-2.847	-0.0034	-2.5 to 2.5	Pass
	836.5	15	0	20	LV	-1.760	-0.0021	-2.5 to 2.5	Pass
					NV	-2.289	-0.0027	-2.5 to 2.5	Pass
					HV	-5.565	-0.0067	-2.5 to 2.5	Pass
				-30	NV	-2.160	-0.0026	-2.5 to 2.5	Pass
				-20	NV	2.446	0.0029	-2.5 to 2.5	Pass
				-10	NV	-2.747	-0.0033	-2.5 to 2.5	Pass
				0	NV	-5.450	-0.0065	-2.5 to 2.5	Pass
				10	NV	-3.090	-0.0037	-2.5 to 2.5	Pass
				30	NV	-4.878	-0.0058	-2.5 to 2.5	Pass
				40	NV	-3.948	-0.0047	-2.5 to 2.5	Pass
	847.5	15	0	20	LV	-5.364	-0.0064	-2.5 to 2.5	Pass
					NV	-5.465	-0.0064	-2.5 to 2.5	Pass
					HV	-4.864	-0.0057	-2.5 to 2.5	Pass
				-30	NV	-2.246	-0.0027	-2.5 to 2.5	Pass
				-20	NV	-0.515	-0.0006	-2.5 to 2.5	Pass
				-10	NV	-5.522	-0.0065	-2.5 to 2.5	Pass
				0	NV	-6.466	-0.0076	-2.5 to 2.5	Pass
				10	NV	-4.306	-0.0051	-2.5 to 2.5	Pass
				30	NV	-2.117	-0.0025	-2.5 to 2.5	Pass
				40	NV	-6.366	-0.0075	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	NV	-1.988	-0.0023	-2.5 to 2.5	Pass
					NV	0.057	0.0001	-2.5 to 2.5	Pass
					NV	-1.302	-0.0016	-2.5 to 2.5	Pass
	825.5	15	0	20	NV	-5.851	-0.0071	-2.5 to 2.5	Pass
					NV	-7.524	-0.0091	-2.5 to 2.5	Pass
					NV	-7.524	-0.0091	-2.5 to 2.5	Pass

				-30	NV	2.518	0.0031	-2.5 to 2.5	Pass
				-20	NV	-4.120	-0.0050	-2.5 to 2.5	Pass
				-10	NV	-4.249	-0.0051	-2.5 to 2.5	Pass
				0	NV	-4.849	-0.0059	-2.5 to 2.5	Pass
				10	NV	0.930	0.0011	-2.5 to 2.5	Pass
				30	NV	-0.572	-0.0007	-2.5 to 2.5	Pass
				40	NV	-2.918	-0.0035	-2.5 to 2.5	Pass
				50	NV	-5.279	-0.0064	-2.5 to 2.5	Pass
	836.5	15	0	20	LV	1.945	0.0023	-2.5 to 2.5	Pass
					NV	-3.276	-0.0039	-2.5 to 2.5	Pass
					HV	-4.921	-0.0059	-2.5 to 2.5	Pass
				-30	NV	-0.472	-0.0006	-2.5 to 2.5	Pass
				-20	NV	-5.465	-0.0065	-2.5 to 2.5	Pass
				-10	NV	-1.345	-0.0016	-2.5 to 2.5	Pass
				0	NV	-0.401	-0.0005	-2.5 to 2.5	Pass
				10	NV	-7.110	-0.0085	-2.5 to 2.5	Pass
				30	NV	-4.134	-0.0049	-2.5 to 2.5	Pass
				40	NV	-2.789	-0.0033	-2.5 to 2.5	Pass
				50	NV	-7.153	-0.0086	-2.5 to 2.5	Pass
	847.5	15	0	20	LV	-0.172	-0.0002	-2.5 to 2.5	Pass
					NV	1.931	0.0023	-2.5 to 2.5	Pass
					HV	0.300	0.0004	-2.5 to 2.5	Pass
				-30	NV	0.529	0.0006	-2.5 to 2.5	Pass
				-20	NV	-1.059	-0.0012	-2.5 to 2.5	Pass
				-10	NV	-2.546	-0.0030	-2.5 to 2.5	Pass
				0	NV	-10.314	-0.0122	-2.5 to 2.5	Pass
				10	NV	-5.007	-0.0059	-2.5 to 2.5	Pass
				30	NV	-7.153	-0.0084	-2.5 to 2.5	Pass
				40	NV	-3.419	-0.0040	-2.5 to 2.5	Pass
				50	NV	-0.558	-0.0007	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	LV	-5.636	-0.0068	-2.5 to 2.5	Pass
					NV	-3.705	-0.0045	-2.5 to 2.5	Pass
					HV	-1.760	-0.0021	-2.5 to 2.5	Pass
				-30	NV	-1.645	-0.0020	-2.5 to 2.5	Pass
				-20	NV	-1.502	-0.0018	-2.5 to 2.5	Pass
				-10	NV	-0.687	-0.0008	-2.5 to 2.5	Pass
				0	NV	-5.064	-0.0061	-2.5 to 2.5	Pass
				10	NV	2.189	0.0026	-2.5 to 2.5	Pass
				30	NV	-1.688	-0.0020	-2.5 to 2.5	Pass
				40	NV	-3.877	-0.0047	-2.5 to 2.5	Pass
				50	NV	0.129	0.0002	-2.5 to 2.5	Pass
	836.5	25	0	20	LV	-3.519	-0.0042	-2.5 to 2.5	Pass
					NV	-6.466	-0.0077	-2.5 to 2.5	Pass
					HV	-1.302	-0.0016	-2.5 to 2.5	Pass
				-30	NV	-1.202	-0.0014	-2.5 to 2.5	Pass
				-20	NV	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	NV	-3.376	-0.0040	-2.5 to 2.5	Pass
				0	NV	-1.817	-0.0022	-2.5 to 2.5	Pass
				10	NV	-2.275	-0.0027	-2.5 to 2.5	Pass
				30	NV	-0.215	-0.0003	-2.5 to 2.5	Pass
				40	NV	-0.129	-0.0002	-2.5 to 2.5	Pass
				50	NV	-5.207	-0.0062	-2.5 to 2.5	Pass

	846.5	25	0	20	LV	-3.104	-0.0037	-2.5 to 2.5	Pass
					NV	-5.822	-0.0069	-2.5 to 2.5	Pass
					HV	-4.077	-0.0048	-2.5 to 2.5	Pass
				-30	NV	-2.847	-0.0034	-2.5 to 2.5	Pass
				-20	NV	-1.373	-0.0016	-2.5 to 2.5	Pass
				-10	NV	1.373	0.0016	-2.5 to 2.5	Pass
				0	NV	-2.475	-0.0029	-2.5 to 2.5	Pass
				10	NV	-2.232	-0.0026	-2.5 to 2.5	Pass
				30	NV	0.401	0.0005	-2.5 to 2.5	Pass
				40	NV	-1.001	-0.0012	-2.5 to 2.5	Pass
				50	NV	-1.774	-0.0021	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	LV	-3.104	-0.0038	-2.5 to 2.5	Pass
					NV	-4.120	-0.0050	-2.5 to 2.5	Pass
					HV	-4.177	-0.0051	-2.5 to 2.5	Pass
				-30	NV	-1.087	-0.0013	-2.5 to 2.5	Pass
				-20	NV	-3.433	-0.0042	-2.5 to 2.5	Pass
				-10	NV	-1.674	-0.0020	-2.5 to 2.5	Pass
				0	NV	-2.346	-0.0028	-2.5 to 2.5	Pass
				10	NV	-1.159	-0.0014	-2.5 to 2.5	Pass
				30	NV	-2.260	-0.0027	-2.5 to 2.5	Pass
				40	NV	0.629	0.0008	-2.5 to 2.5	Pass
				50	NV	-2.232	-0.0027	-2.5 to 2.5	Pass
	836.5	25	0	20	LV	-6.824	-0.0082	-2.5 to 2.5	Pass
					NV	-3.104	-0.0037	-2.5 to 2.5	Pass
					HV	-2.389	-0.0029	-2.5 to 2.5	Pass
				-30	NV	-3.734	-0.0045	-2.5 to 2.5	Pass
				-20	NV	-6.952	-0.0083	-2.5 to 2.5	Pass
				-10	NV	-3.419	-0.0041	-2.5 to 2.5	Pass
				0	NV	-5.722	-0.0068	-2.5 to 2.5	Pass
				10	NV	-0.930	-0.0011	-2.5 to 2.5	Pass
				30	NV	-4.249	-0.0051	-2.5 to 2.5	Pass
				40	NV	0.129	0.0002	-2.5 to 2.5	Pass
				50	NV	-7.381	-0.0088	-2.5 to 2.5	Pass
	846.5	25	0	20	LV	-5.622	-0.0066	-2.5 to 2.5	Pass
					NV	-4.148	-0.0049	-2.5 to 2.5	Pass
					HV	-3.204	-0.0038	-2.5 to 2.5	Pass
				-30	NV	-4.821	-0.0057	-2.5 to 2.5	Pass
				-20	NV	-2.418	-0.0029	-2.5 to 2.5	Pass
				-10	NV	-5.836	-0.0069	-2.5 to 2.5	Pass
				0	NV	-2.475	-0.0029	-2.5 to 2.5	Pass
				10	NV	-2.246	-0.0027	-2.5 to 2.5	Pass
				30	NV	-2.446	-0.0029	-2.5 to 2.5	Pass
				40	NV	-4.721	-0.0056	-2.5 to 2.5	Pass
				50	NV	-3.791	-0.0045	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	LV	-1.502	-0.0018	-2.5 to 2.5	Pass
					NV	-3.519	-0.0042	-2.5 to 2.5	Pass
					HV	-1.059	-0.0013	-2.5 to 2.5	Pass
				-30	NV	-1.001	-0.0012	-2.5 to 2.5	Pass
				-20	NV	-2.332	-0.0028	-2.5 to 2.5	Pass
				-10	NV	-1.259	-0.0015	-2.5 to 2.5	Pass
				0	NV	-1.903	-0.0023	-2.5 to 2.5	Pass
				10	NV	-3.705	-0.0045	-2.5 to 2.5	Pass

				30	NV	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	NV	-1.988	-0.0024	-2.5 to 2.5	Pass
				50	NV	-2.789	-0.0034	-2.5 to 2.5	Pass
	836.5	50	0	20	LV	-4.449	-0.0053	-2.5 to 2.5	Pass
					NV	-4.277	-0.0051	-2.5 to 2.5	Pass
					HV	-2.275	-0.0027	-2.5 to 2.5	Pass
				-30	NV	-5.207	-0.0062	-2.5 to 2.5	Pass
				-20	NV	-4.878	-0.0058	-2.5 to 2.5	Pass
				-10	NV	-2.904	-0.0035	-2.5 to 2.5	Pass
				0	NV	-2.532	-0.0030	-2.5 to 2.5	Pass
				10	NV	-2.189	-0.0026	-2.5 to 2.5	Pass
				30	NV	-4.849	-0.0058	-2.5 to 2.5	Pass
				40	NV	-5.894	-0.0070	-2.5 to 2.5	Pass
				50	NV	-3.819	-0.0046	-2.5 to 2.5	Pass
	844	50	0	20	LV	-5.121	-0.0061	-2.5 to 2.5	Pass
					NV	-5.407	-0.0064	-2.5 to 2.5	Pass
					HV	-2.975	-0.0035	-2.5 to 2.5	Pass
				-30	NV	-4.034	-0.0048	-2.5 to 2.5	Pass
				-20	NV	-4.091	-0.0048	-2.5 to 2.5	Pass
				-10	NV	-3.076	-0.0036	-2.5 to 2.5	Pass
				0	NV	-3.419	-0.0041	-2.5 to 2.5	Pass
				10	NV	-3.877	-0.0046	-2.5 to 2.5	Pass
				30	NV	-2.618	-0.0031	-2.5 to 2.5	Pass
				40	NV	-5.922	-0.0070	-2.5 to 2.5	Pass
				50	NV	-4.234	-0.0050	-2.5 to 2.5	Pass
16QAM	829	50	0	20	LV	-2.346	-0.0028	-2.5 to 2.5	Pass
					NV	-1.931	-0.0023	-2.5 to 2.5	Pass
					HV	-4.549	-0.0055	-2.5 to 2.5	Pass
				-30	NV	-3.490	-0.0042	-2.5 to 2.5	Pass
				-20	NV	-4.950	-0.0060	-2.5 to 2.5	Pass
				-10	NV	-2.403	-0.0029	-2.5 to 2.5	Pass
				0	NV	0.587	0.0007	-2.5 to 2.5	Pass
				10	NV	-1.287	-0.0016	-2.5 to 2.5	Pass
				30	NV	0.372	0.0004	-2.5 to 2.5	Pass
				40	NV	-3.490	-0.0042	-2.5 to 2.5	Pass
				50	NV	-3.033	-0.0037	-2.5 to 2.5	Pass
	836.5	50	0	20	LV	-4.220	-0.0050	-2.5 to 2.5	Pass
					NV	-4.835	-0.0058	-2.5 to 2.5	Pass
					HV	-5.708	-0.0068	-2.5 to 2.5	Pass
				-30	NV	-6.423	-0.0077	-2.5 to 2.5	Pass
				-20	NV	-3.462	-0.0041	-2.5 to 2.5	Pass
				-10	NV	-5.236	-0.0063	-2.5 to 2.5	Pass
				0	NV	-3.362	-0.0040	-2.5 to 2.5	Pass
				10	NV	-4.506	-0.0054	-2.5 to 2.5	Pass
				30	NV	-4.649	-0.0056	-2.5 to 2.5	Pass
				40	NV	-3.347	-0.0040	-2.5 to 2.5	Pass
				50	NV	-3.147	-0.0038	-2.5 to 2.5	Pass
	844	50	0	20	LV	-5.493	-0.0065	-2.5 to 2.5	Pass
					NV	-5.336	-0.0063	-2.5 to 2.5	Pass
					HV	-3.948	-0.0047	-2.5 to 2.5	Pass
				-30	NV	-4.821	-0.0057	-2.5 to 2.5	Pass
				-20	NV	-6.938	-0.0082	-2.5 to 2.5	Pass
				-10	NV	-5.379	-0.0064	-2.5 to 2.5	Pass
				0	NV	-4.177	-0.0049	-2.5 to 2.5	Pass
				10	NV	-4.649	-0.0055	-2.5 to 2.5	Pass
				30	NV	-2.904	-0.0034	-2.5 to 2.5	Pass
				40	NV	-4.549	-0.0054	-2.5 to 2.5	Pass
				50	NV	-3.891	-0.0046	-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

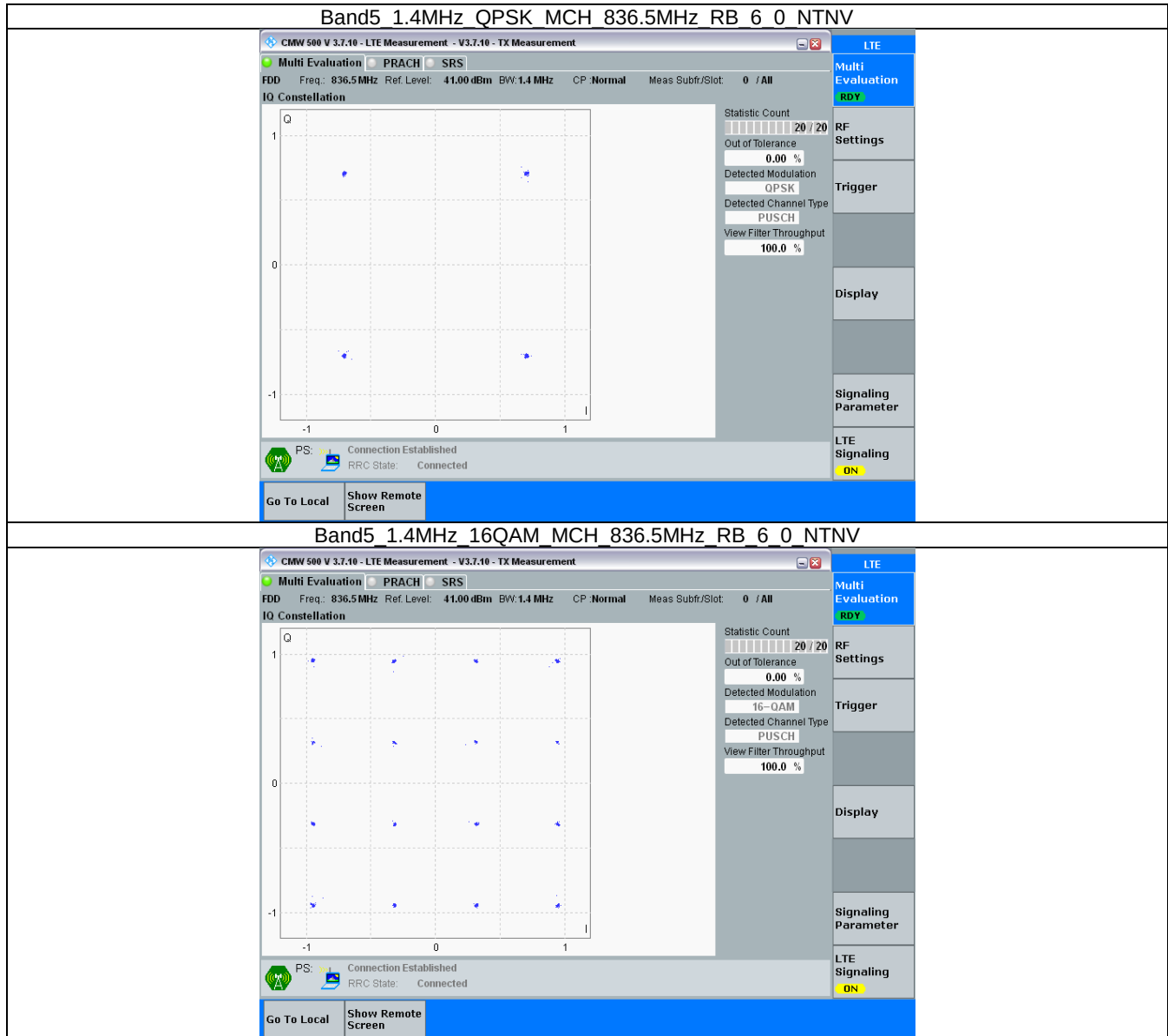
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

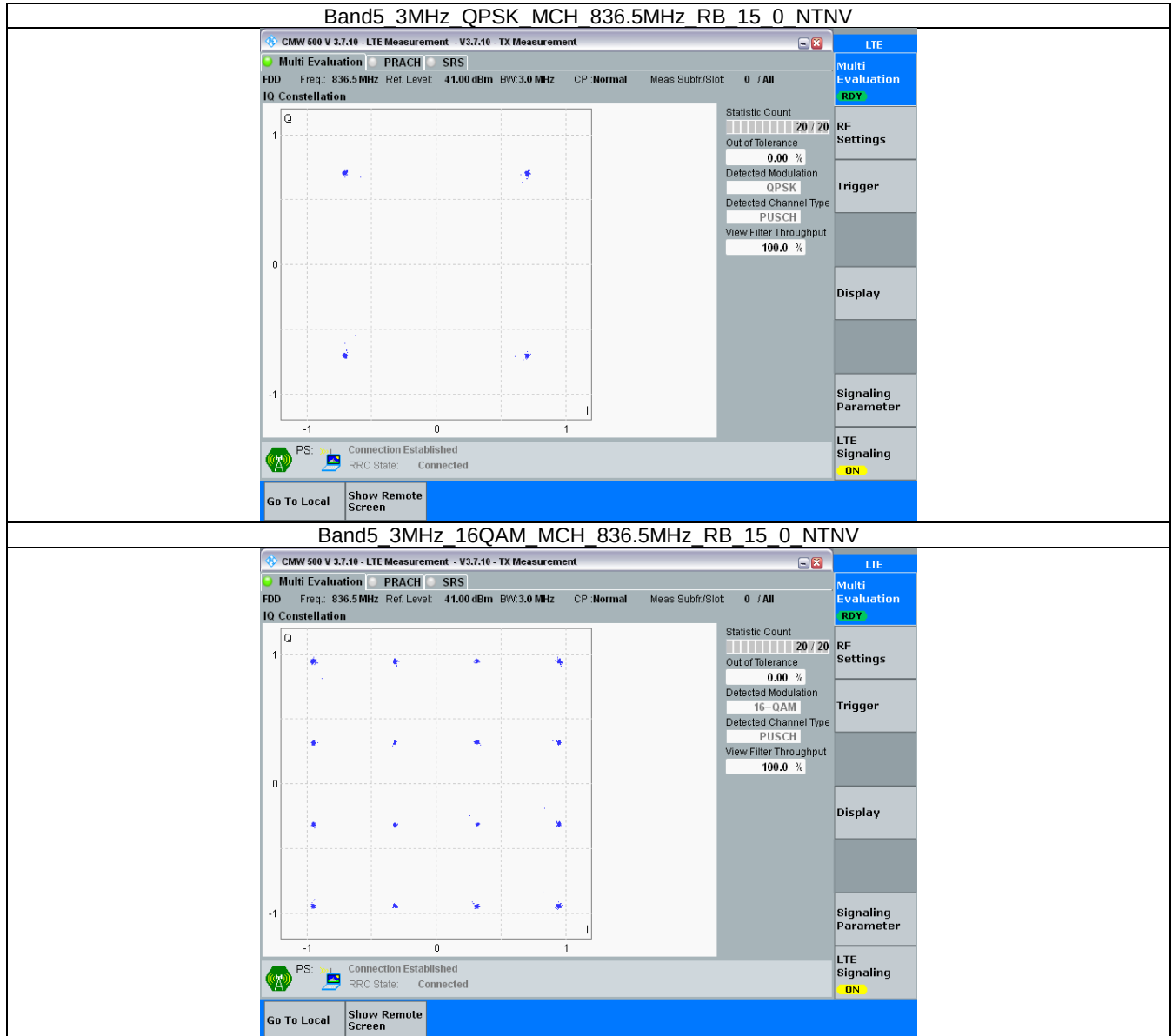
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

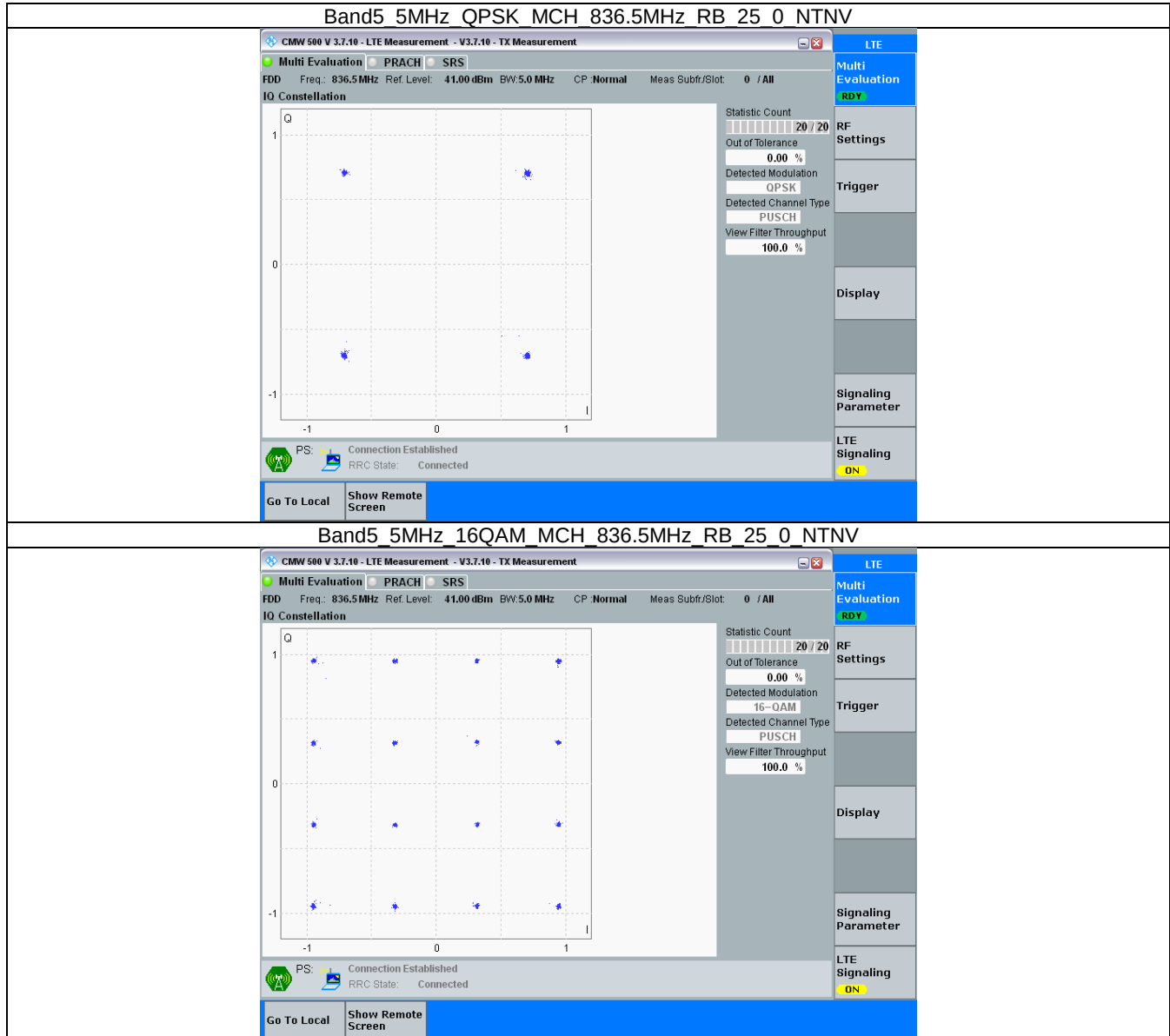
3.2.1 B5_1.4MHz



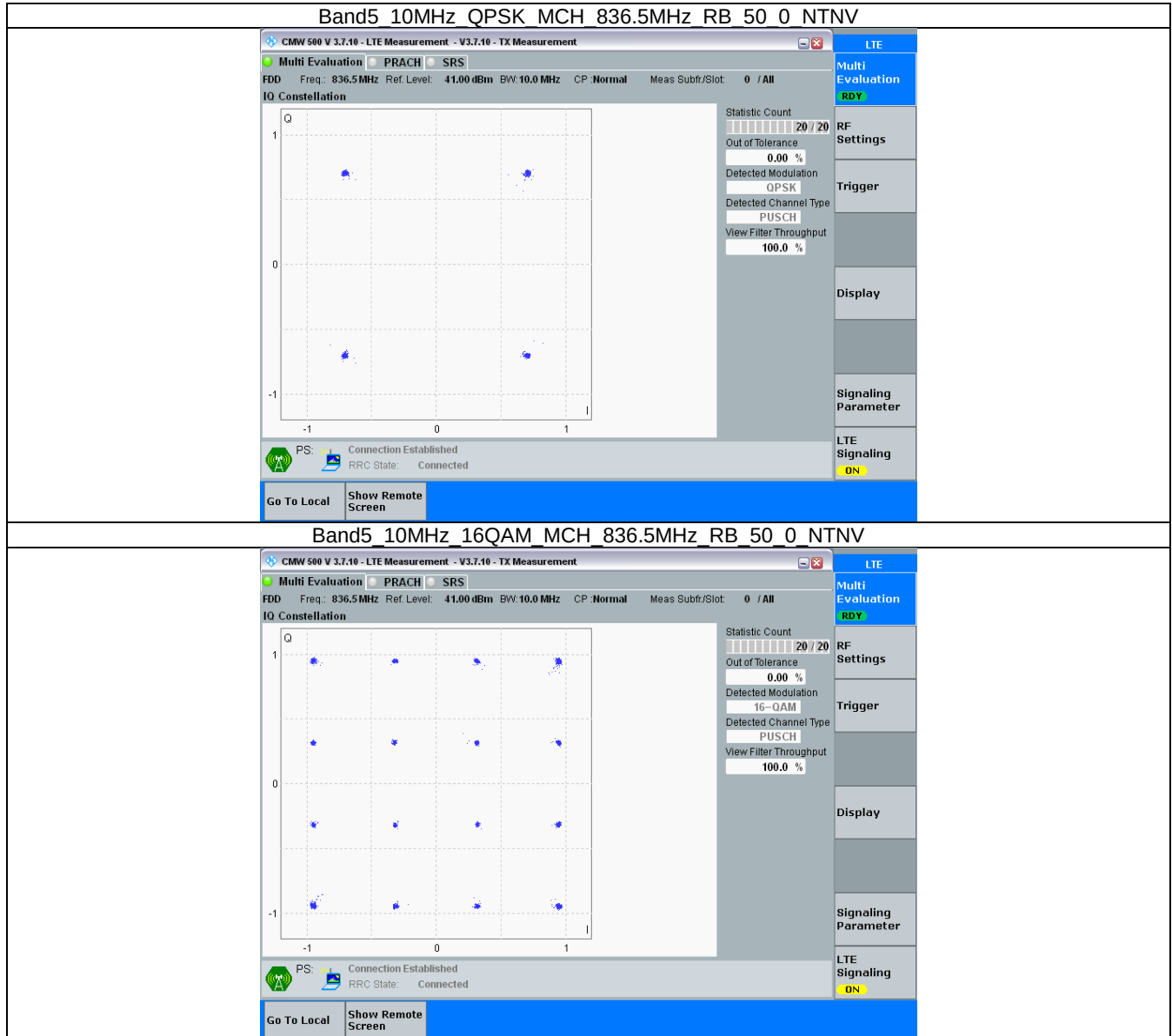
3.2.2 B5_3MHz



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	1.080	/	Pass
		836.5	6	0	1.081	/	Pass
		848.3	6	0	1.075	/	Pass
	16QAM	824.7	6	0	1.081	/	Pass
		836.5	6	0	1.080	/	Pass
		848.3	6	0	1.083	/	Pass
3	QPSK	825.5	15	0	2.680	/	Pass
		836.5	15	0	2.687	/	Pass
		847.5	15	0	2.682	/	Pass
	16QAM	825.5	15	0	2.681	/	Pass
		836.5	15	0	2.680	/	Pass
		847.5	15	0	2.679	/	Pass
5	QPSK	826.5	25	0	4.464	/	Pass
		836.5	25	0	4.485	/	Pass
		846.5	25	0	4.487	/	Pass
	16QAM	826.5	25	0	4.474	/	Pass
		836.5	25	0	4.479	/	Pass
		846.5	25	0	4.474	/	Pass
10	QPSK	829	50	0	8.954	/	Pass
		836.5	50	0	8.941	/	Pass
		844	50	0	8.950	/	Pass
	16QAM	829	50	0	8.956	/	Pass
		836.5	50	0	8.955	/	Pass
		844	50	0	8.937	/	Pass

4.1.2 Band5_XDB

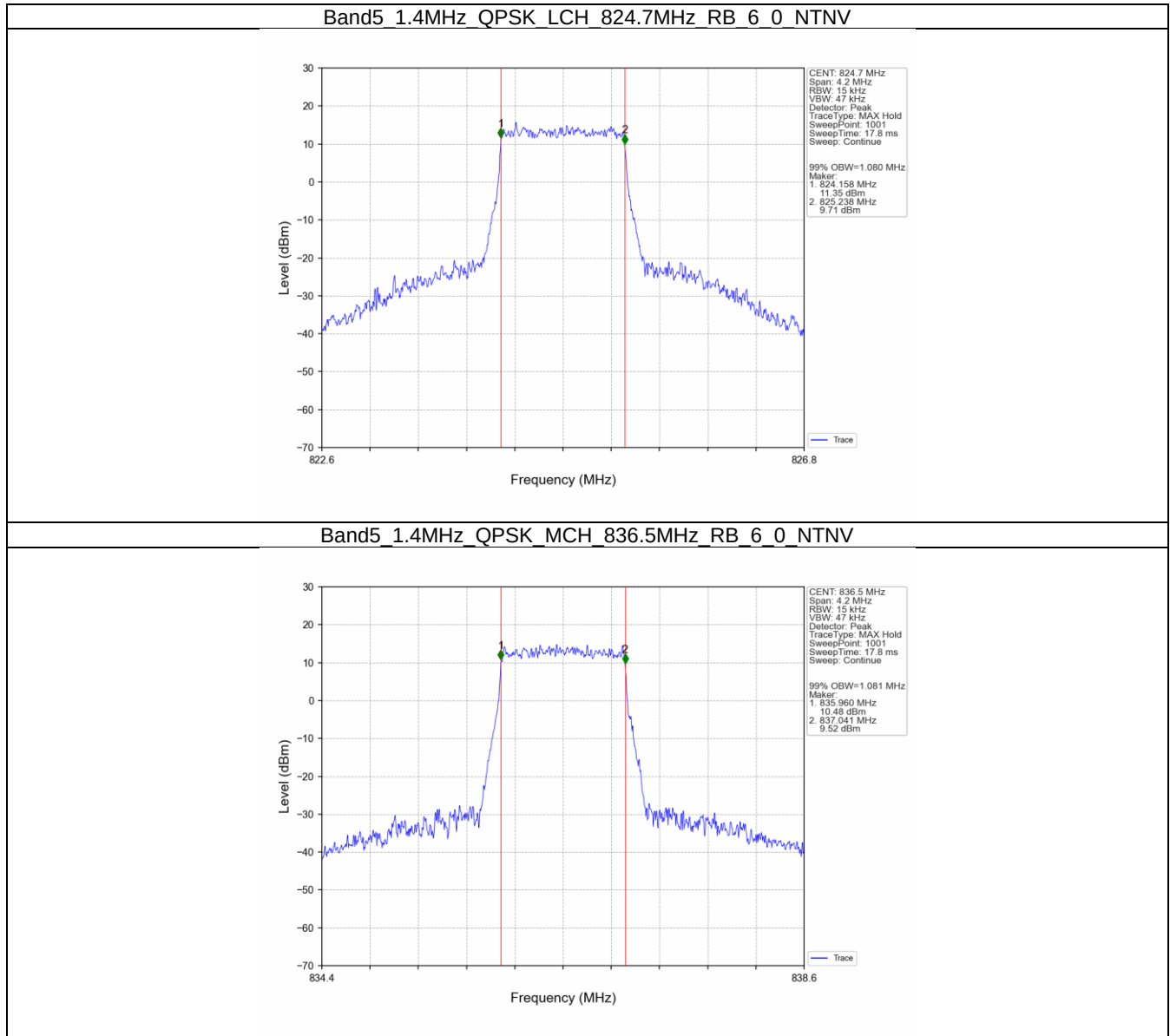
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.249	/	Pass
		836.5	6	0	1.242	/	Pass
		848.3	6	0	1.239	/	Pass
	16QAM	824.7	6	0	1.228	/	Pass
		836.5	6	0	1.227	/	Pass
		848.3	6	0	1.252	/	Pass
3	QPSK	825.5	15	0	2.918	/	Pass
		836.5	15	0	2.926	/	Pass
		847.5	15	0	2.909	/	Pass
	16QAM	825.5	15	0	2.922	/	Pass
		836.5	15	0	2.912	/	Pass
		847.5	15	0	2.947	/	Pass
5	QPSK	826.5	25	0	4.839	/	Pass
		836.5	25	0	4.841	/	Pass
		846.5	25	0	4.859	/	Pass
	16QAM	826.5	25	0	4.844	/	Pass
		836.5	25	0	4.853	/	Pass
		846.5	25	0	4.840	/	Pass
10	QPSK	829	50	0	9.598	/	Pass



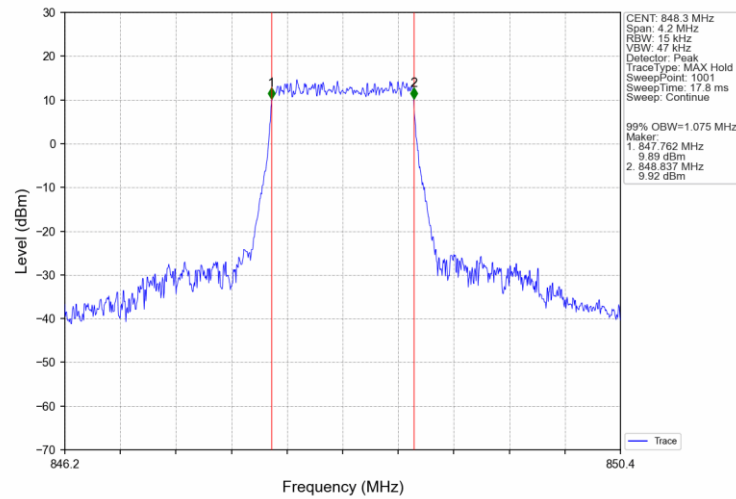
		836.5	50	0	9.536	/	Pass
		844	50	0	9.611	/	Pass
	16QAM	829	50	0	9.553	/	Pass
		836.5	50	0	9.608	/	Pass
		844	50	0	9.521	/	Pass

4.2 Test Graph

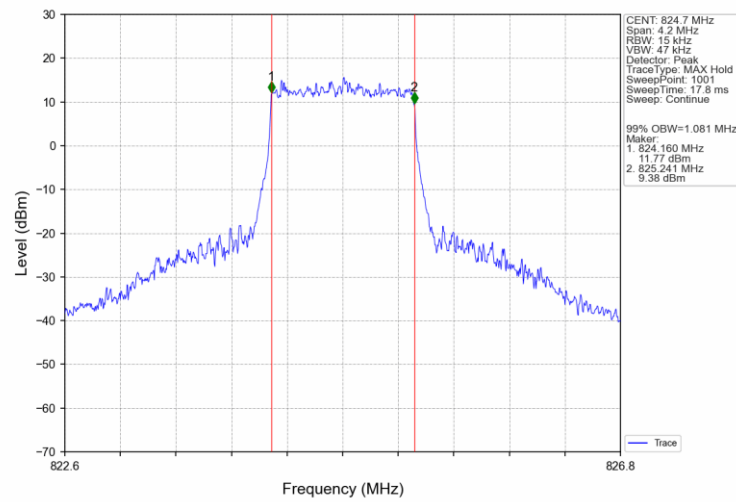
4.2.1 Band5_OBW



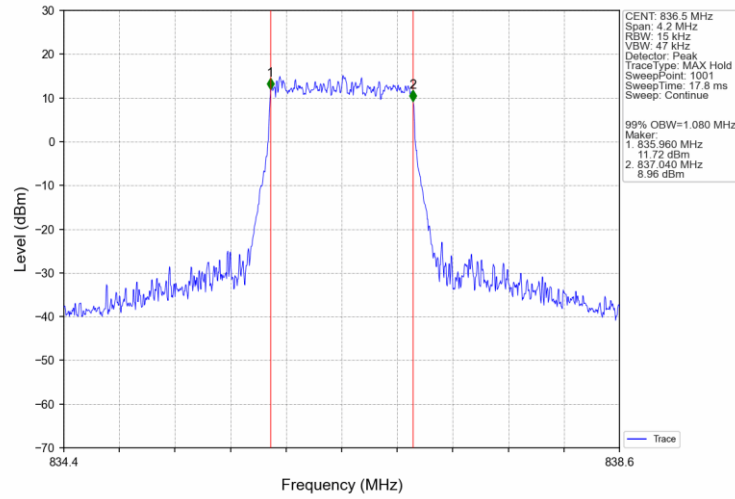
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



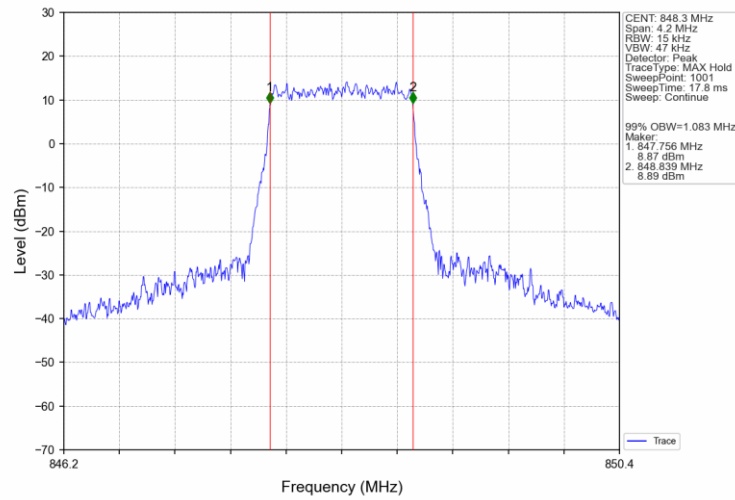
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



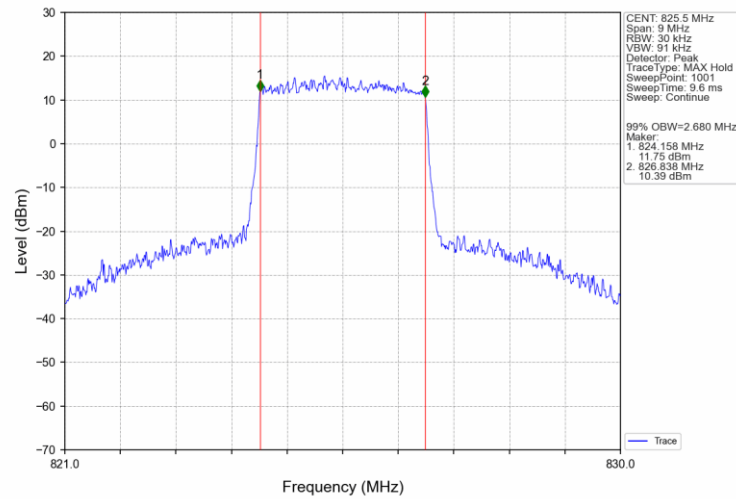
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



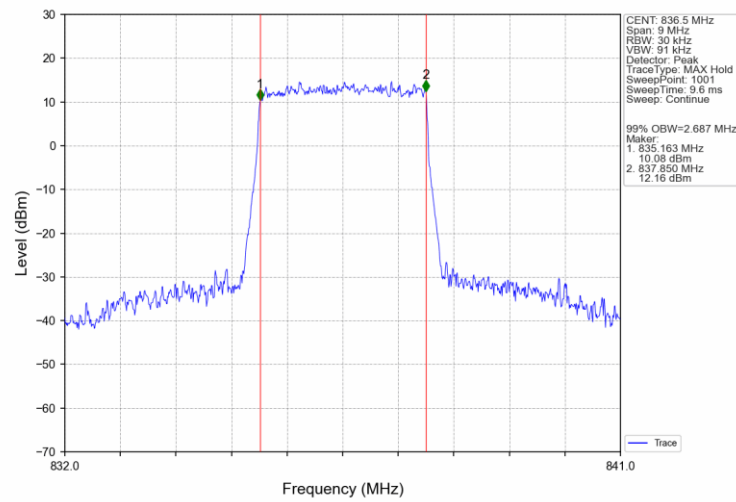
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



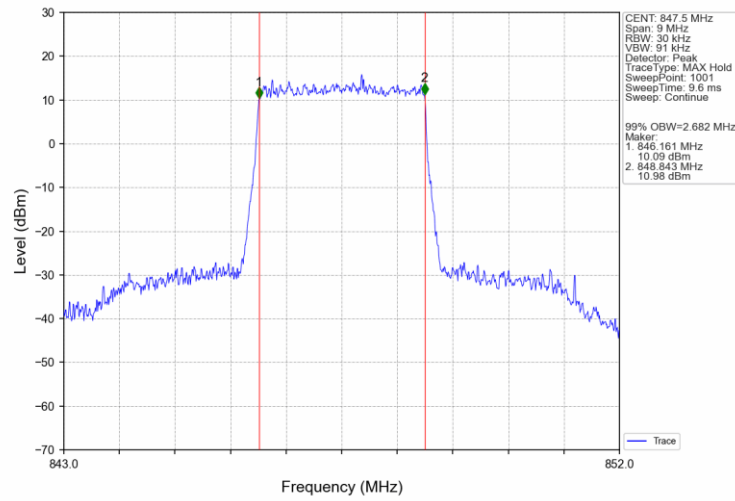
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



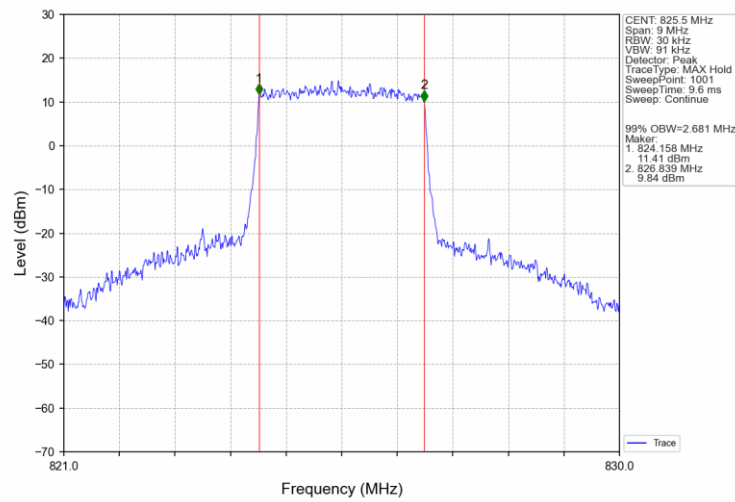
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



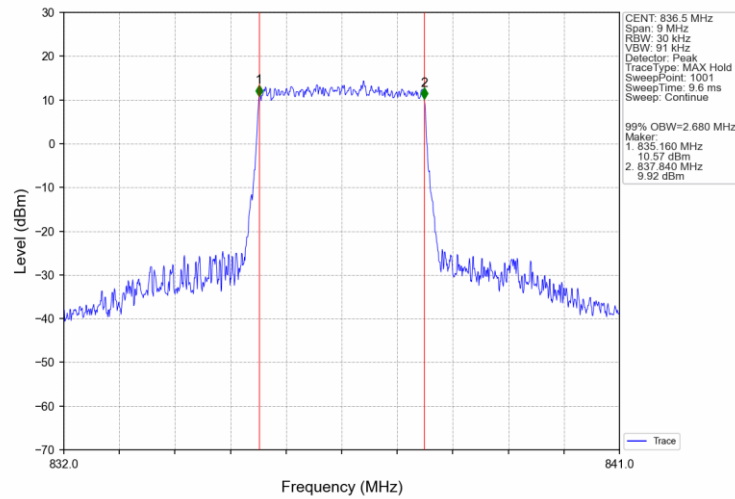
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



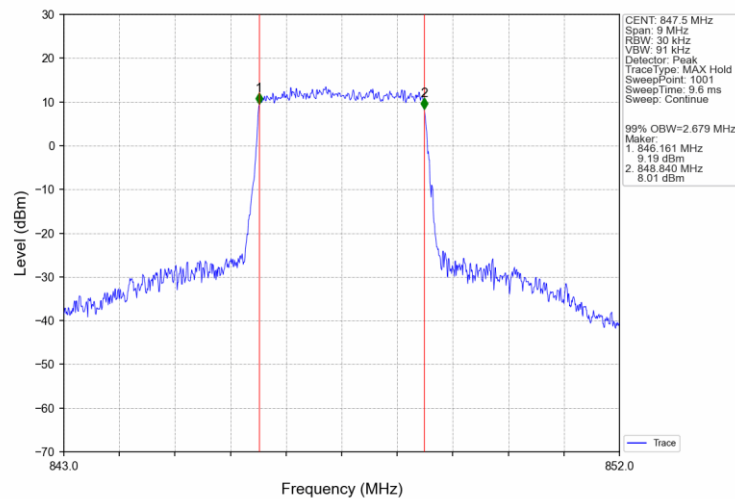
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



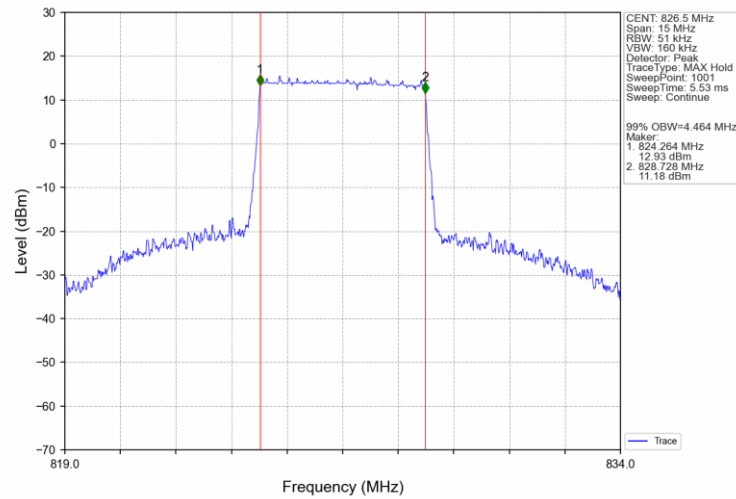
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



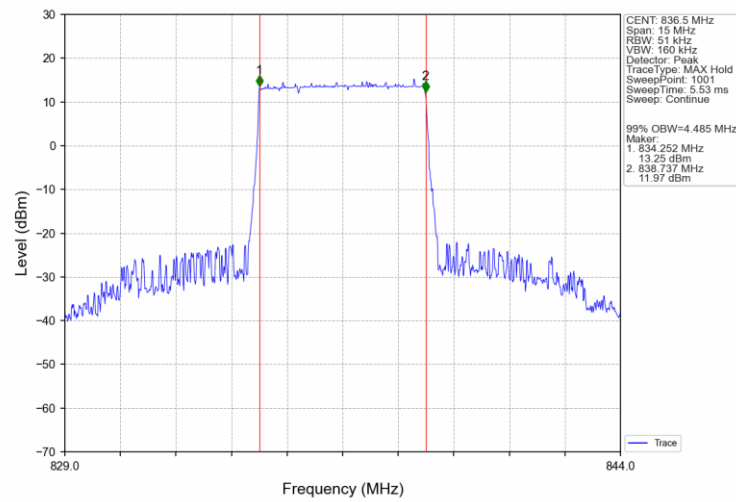
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



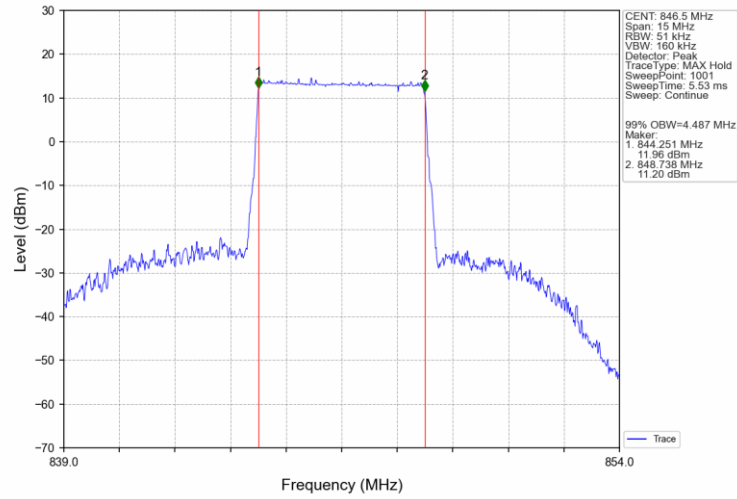
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



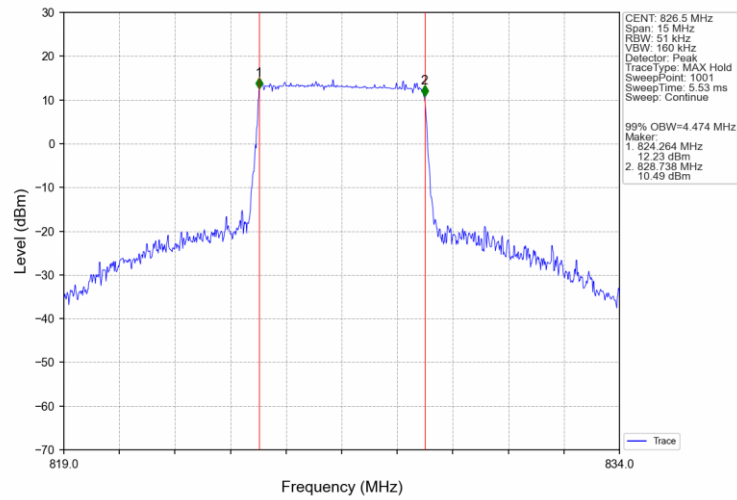
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



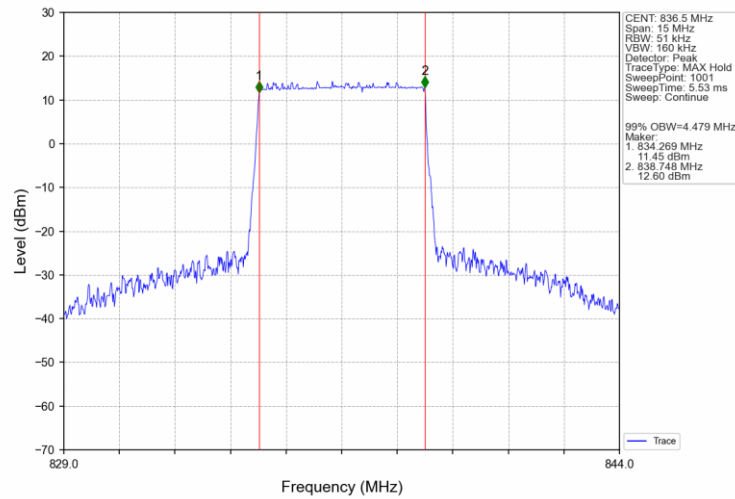
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



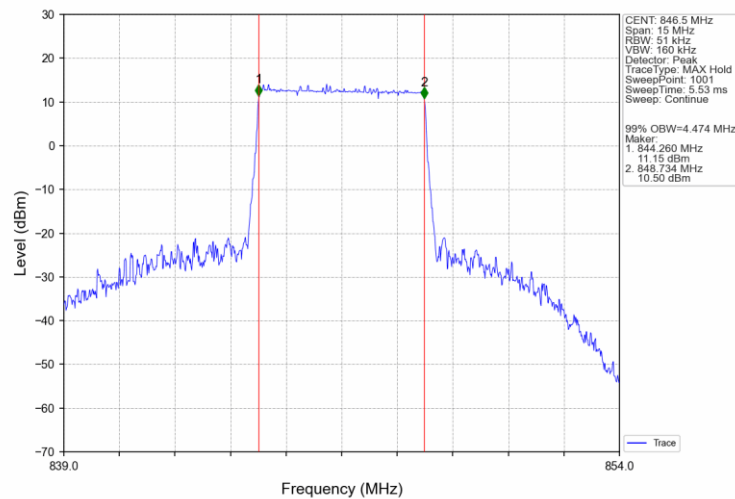
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



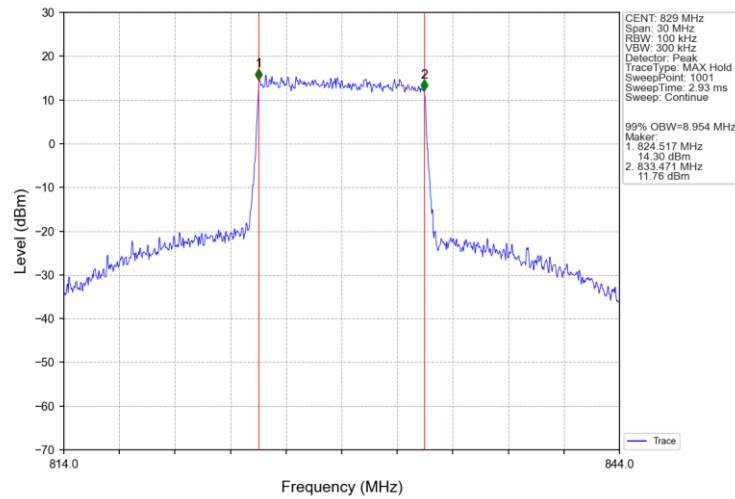
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



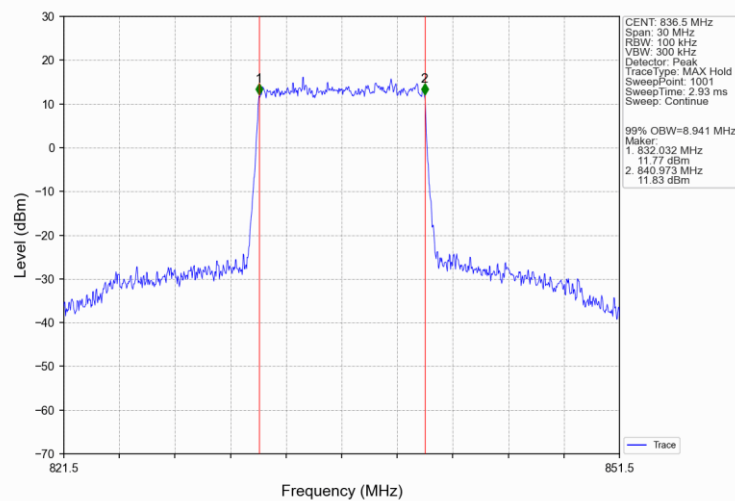
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



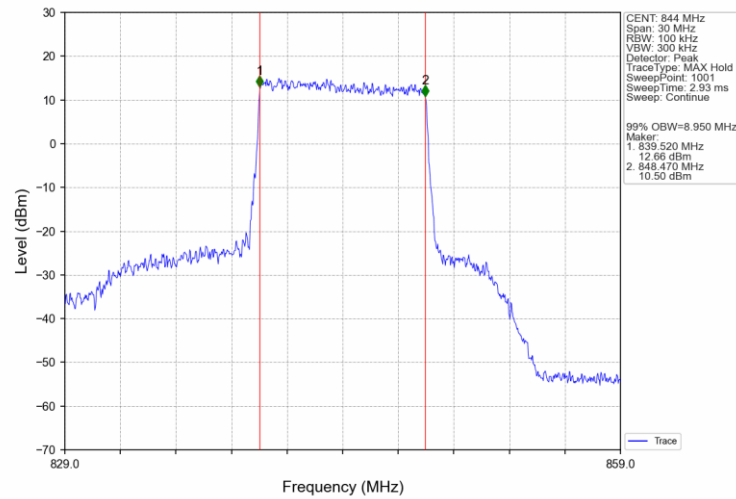
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



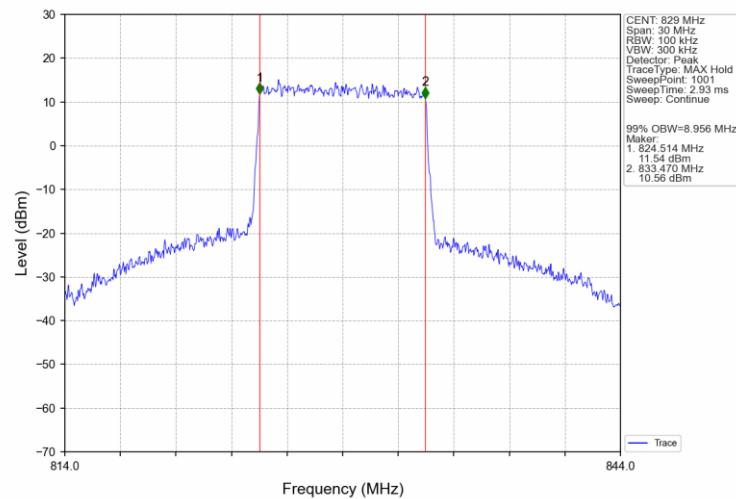
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



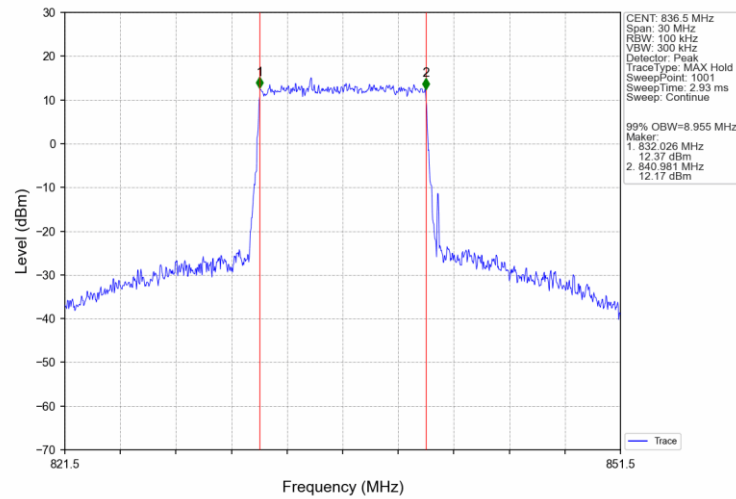
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



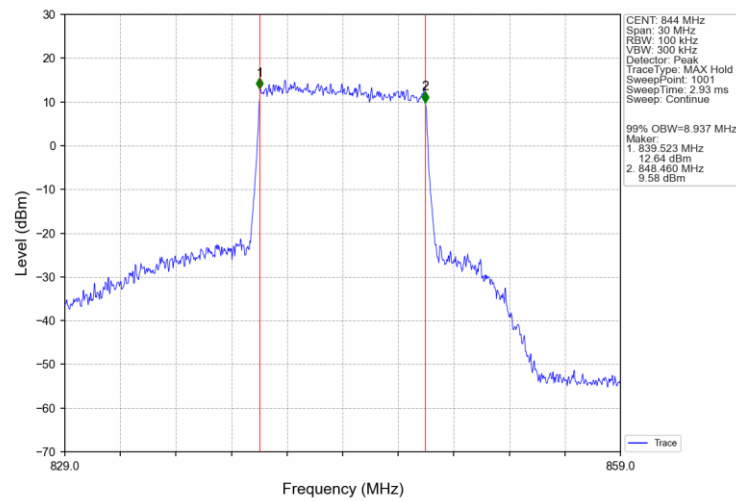
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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

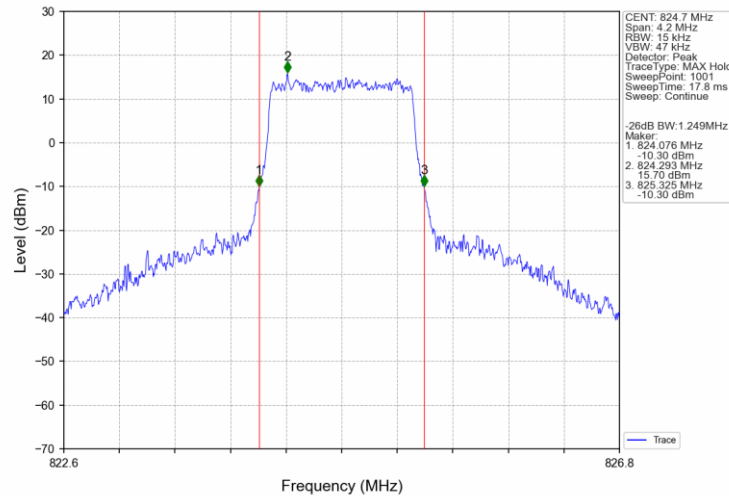


Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTN

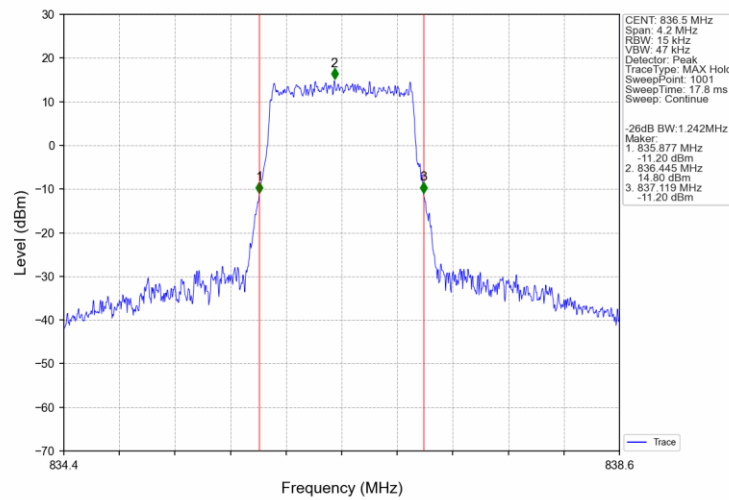


4.2.2 Band5_XDB

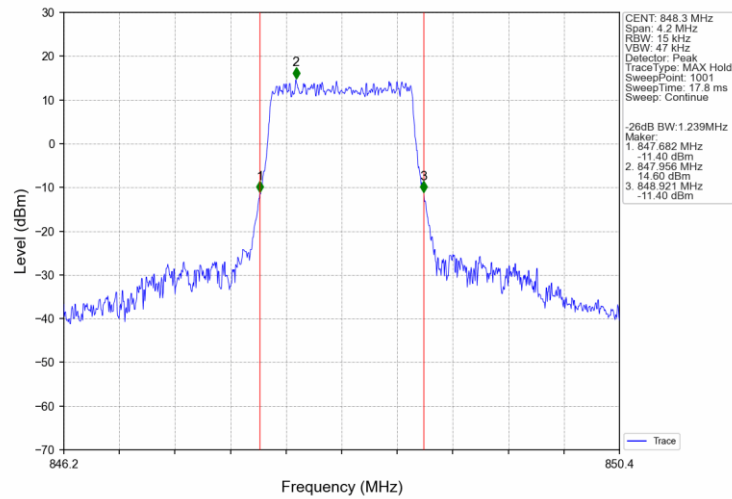
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



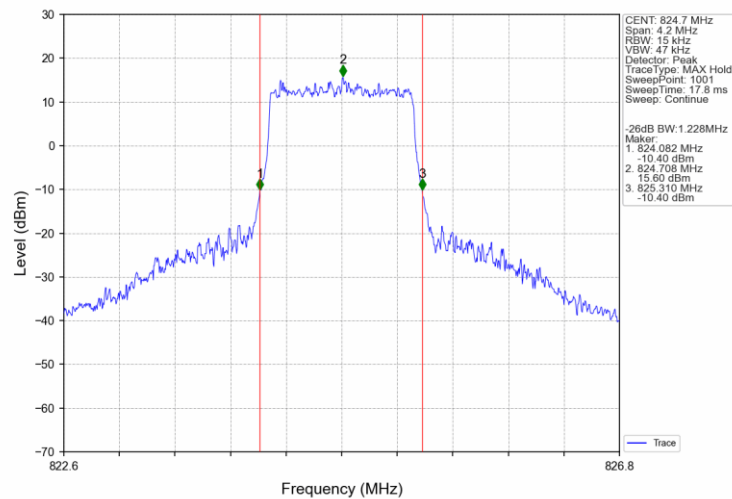
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTNV



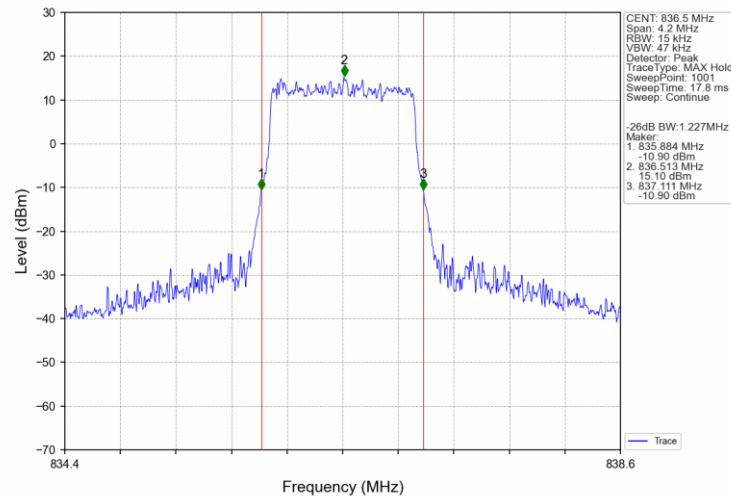
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



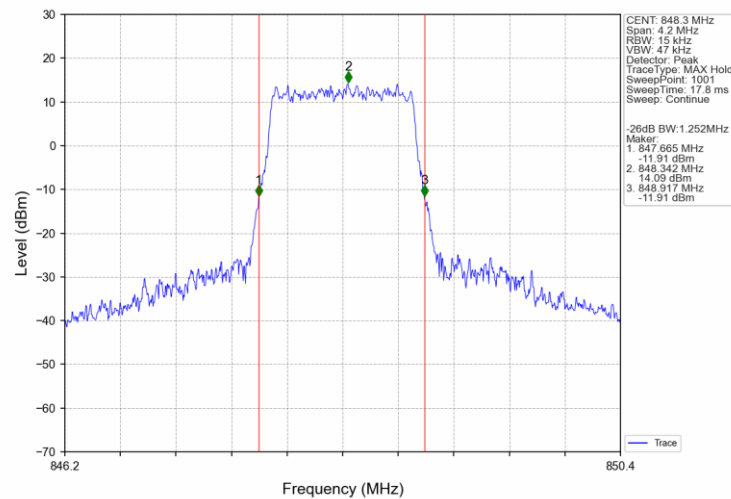
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



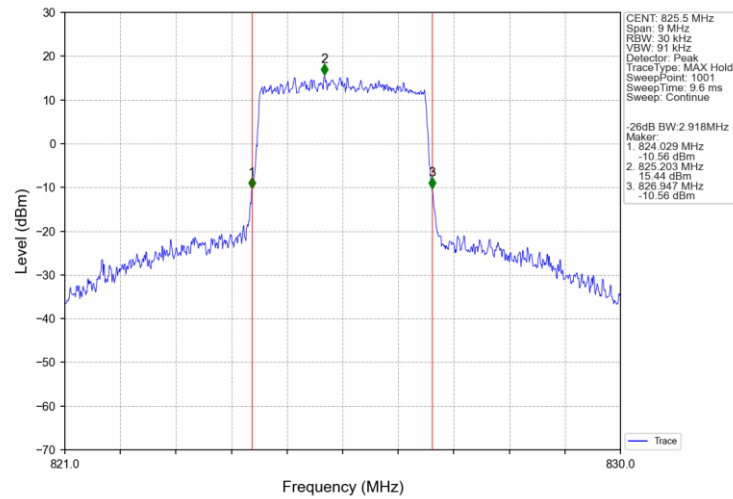
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



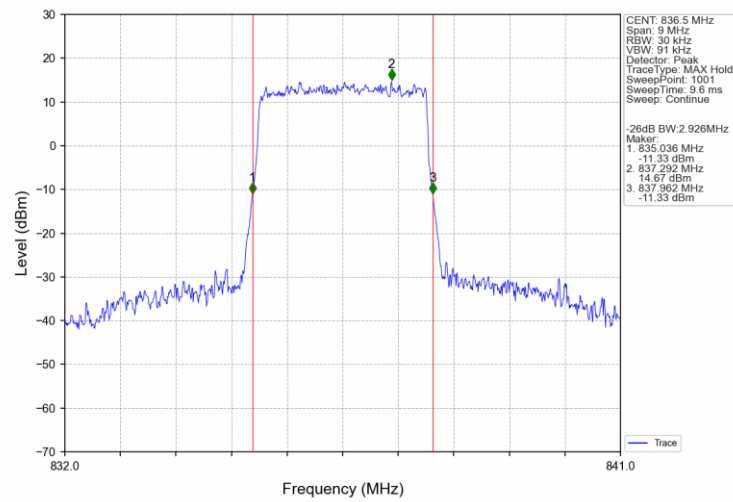
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



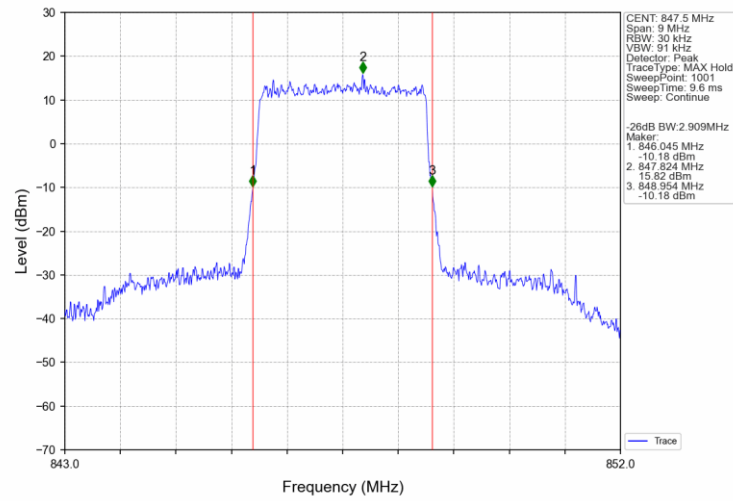
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



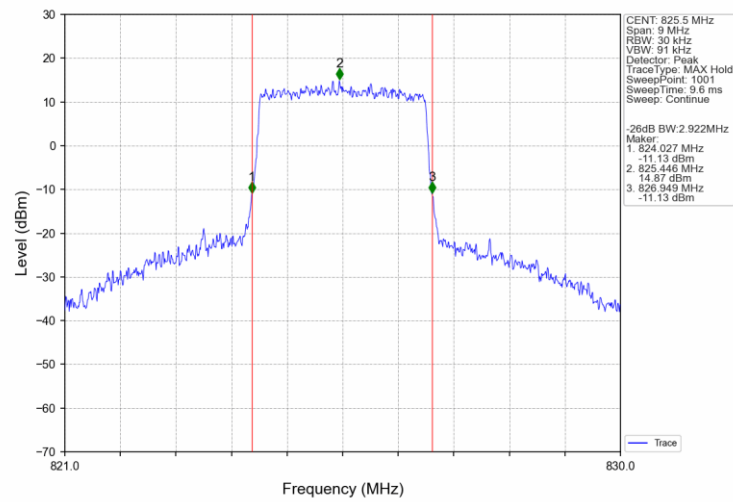
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



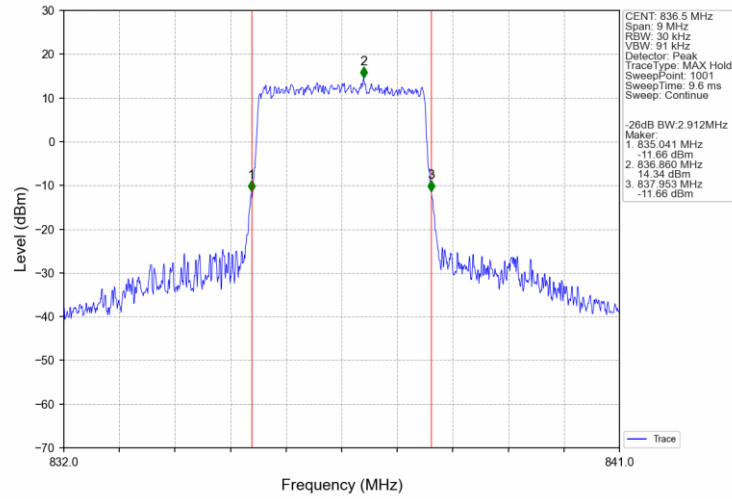
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



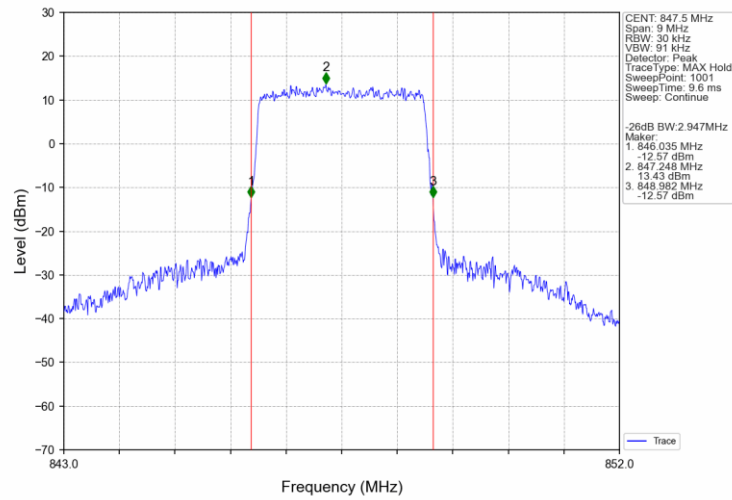
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



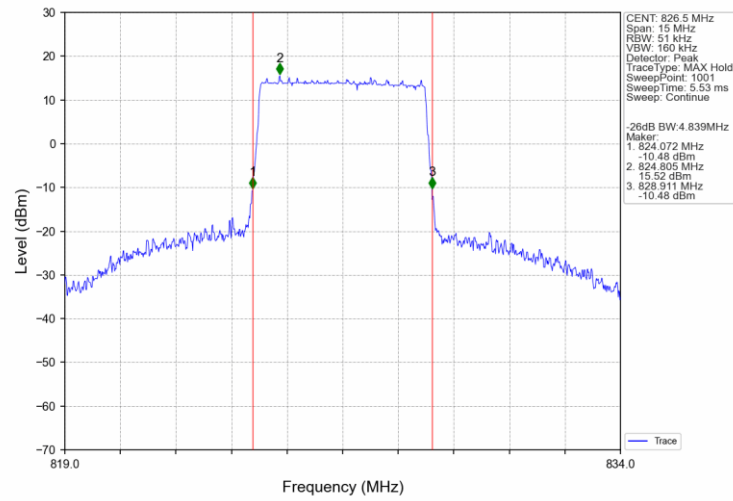
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



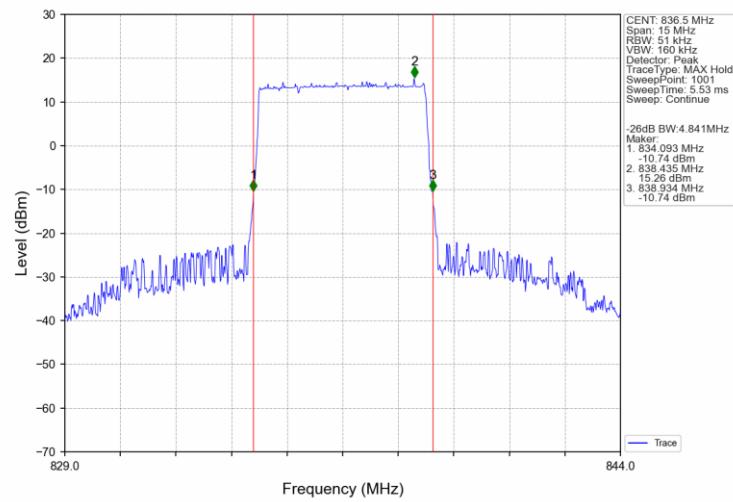
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



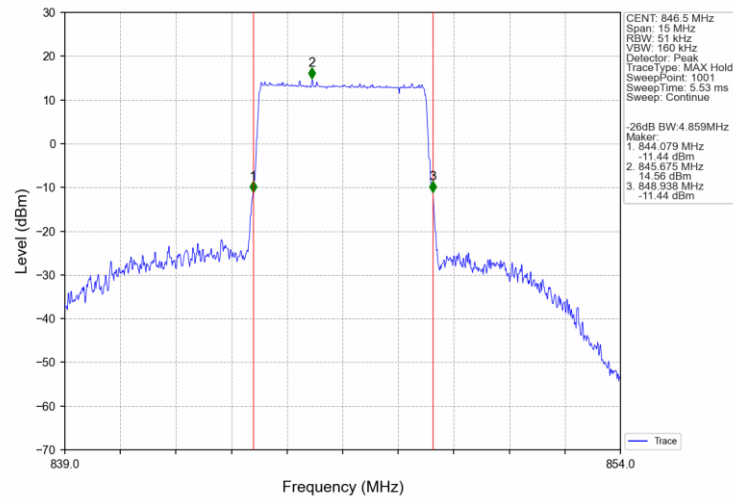
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



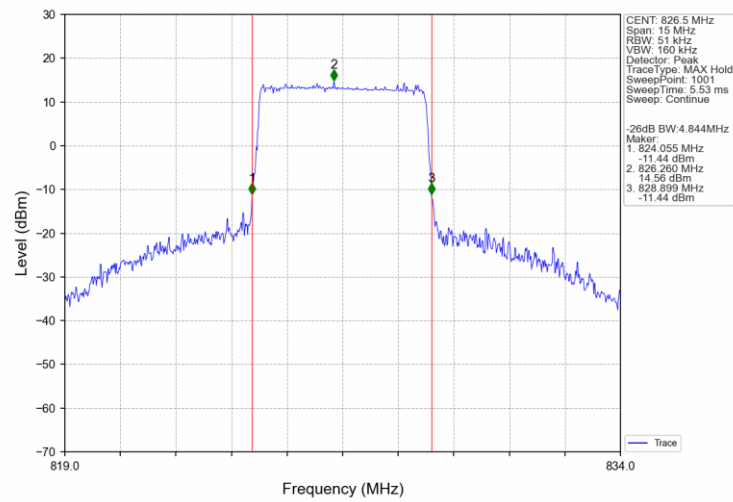
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



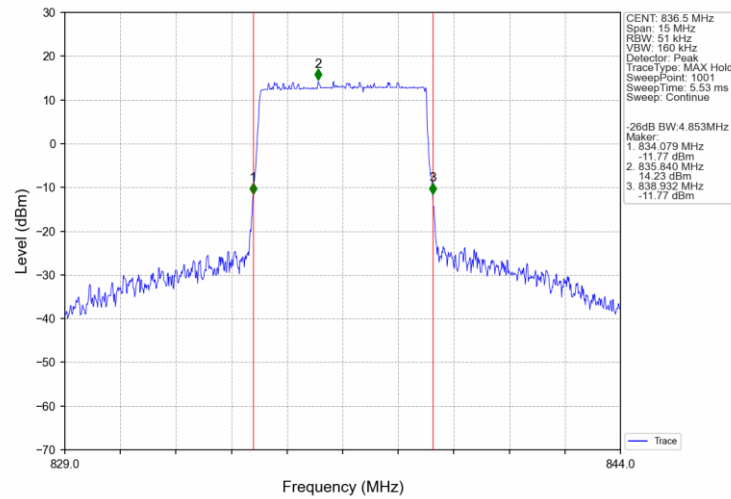
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



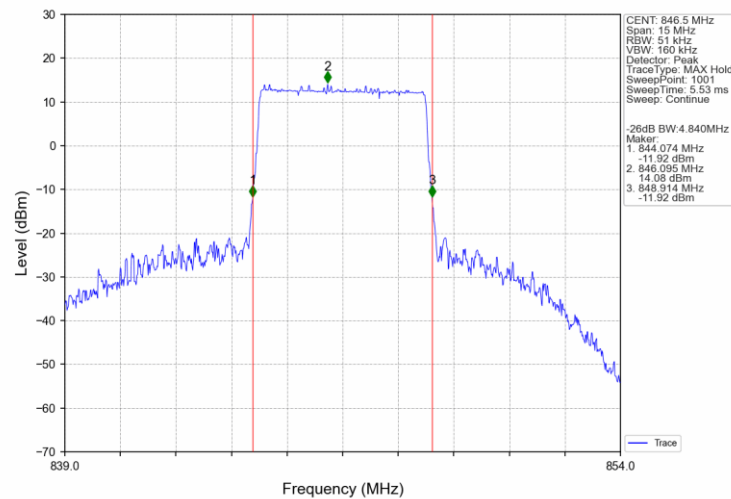
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



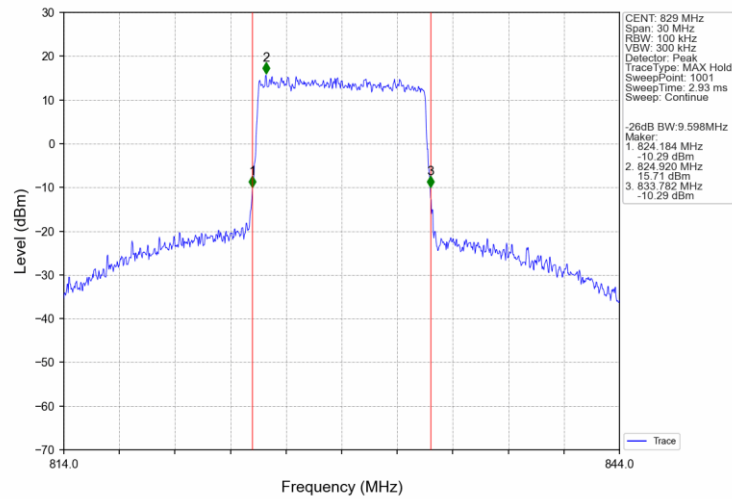
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



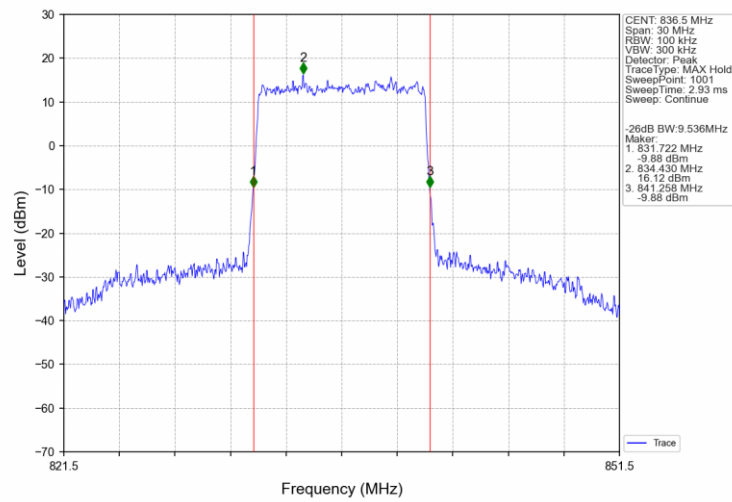
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



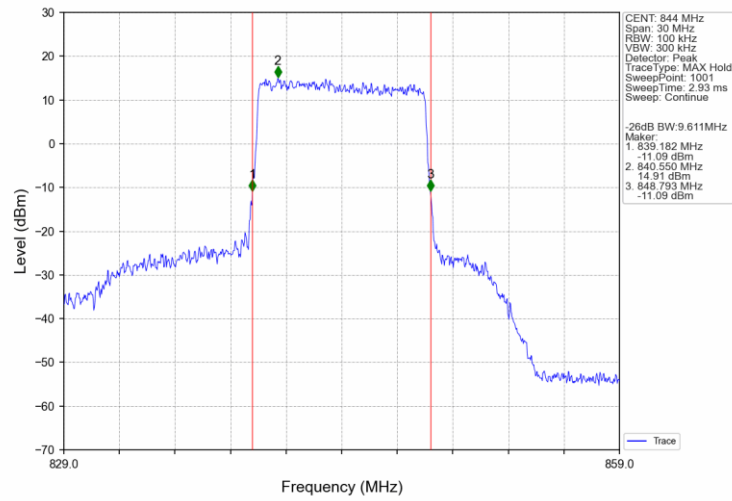
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



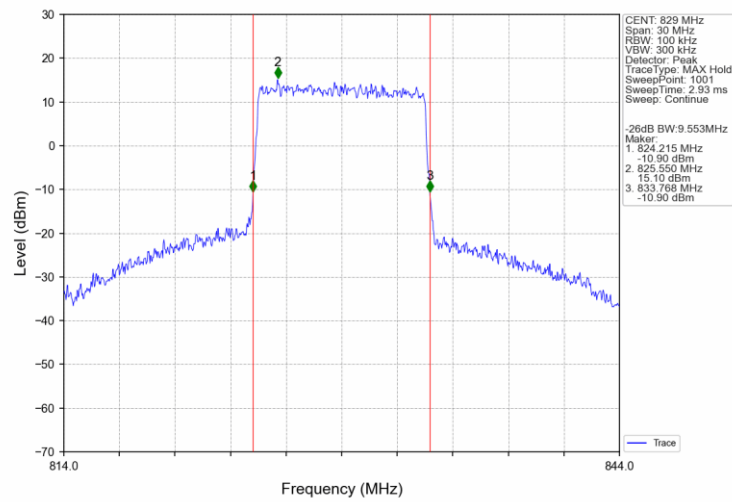
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



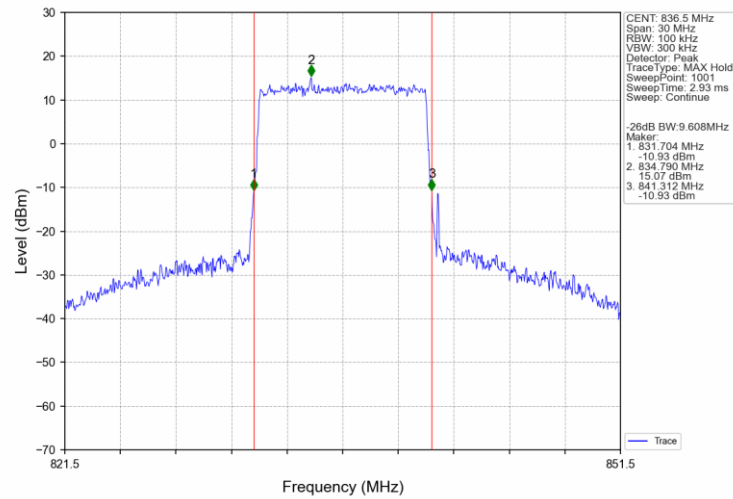
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



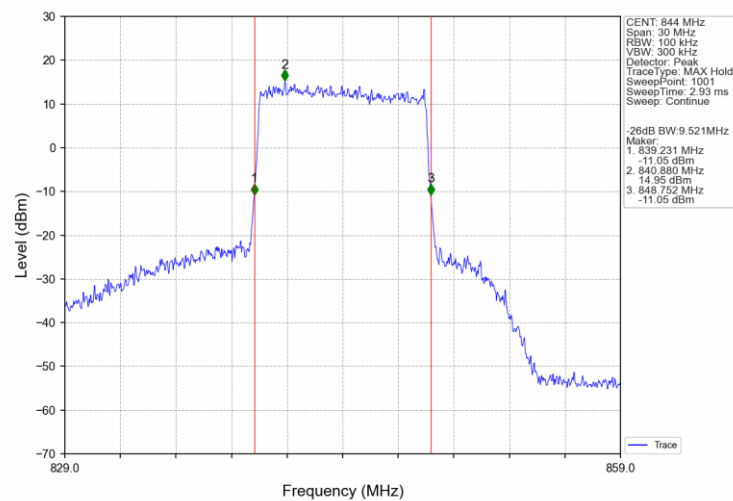
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	4.68	<=13	Pass
	836.5	6	0	5.49	<=13	Pass
	848.3	6	0	5.42	<=13	Pass
16QAM	824.7	6	0	5.40	<=13	Pass
	836.5	6	0	6.16	<=13	Pass
	848.3	6	0	6.13	<=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	4.57	<=13	Pass
	836.5	15	0	5.31	<=13	Pass
	847.5	15	0	5.24	<=13	Pass
16QAM	825.5	15	0	5.27	<=13	Pass
	836.5	15	0	6.11	<=13	Pass
	847.5	15	0	5.99	<=13	Pass

5.1.3 B5_5MHz

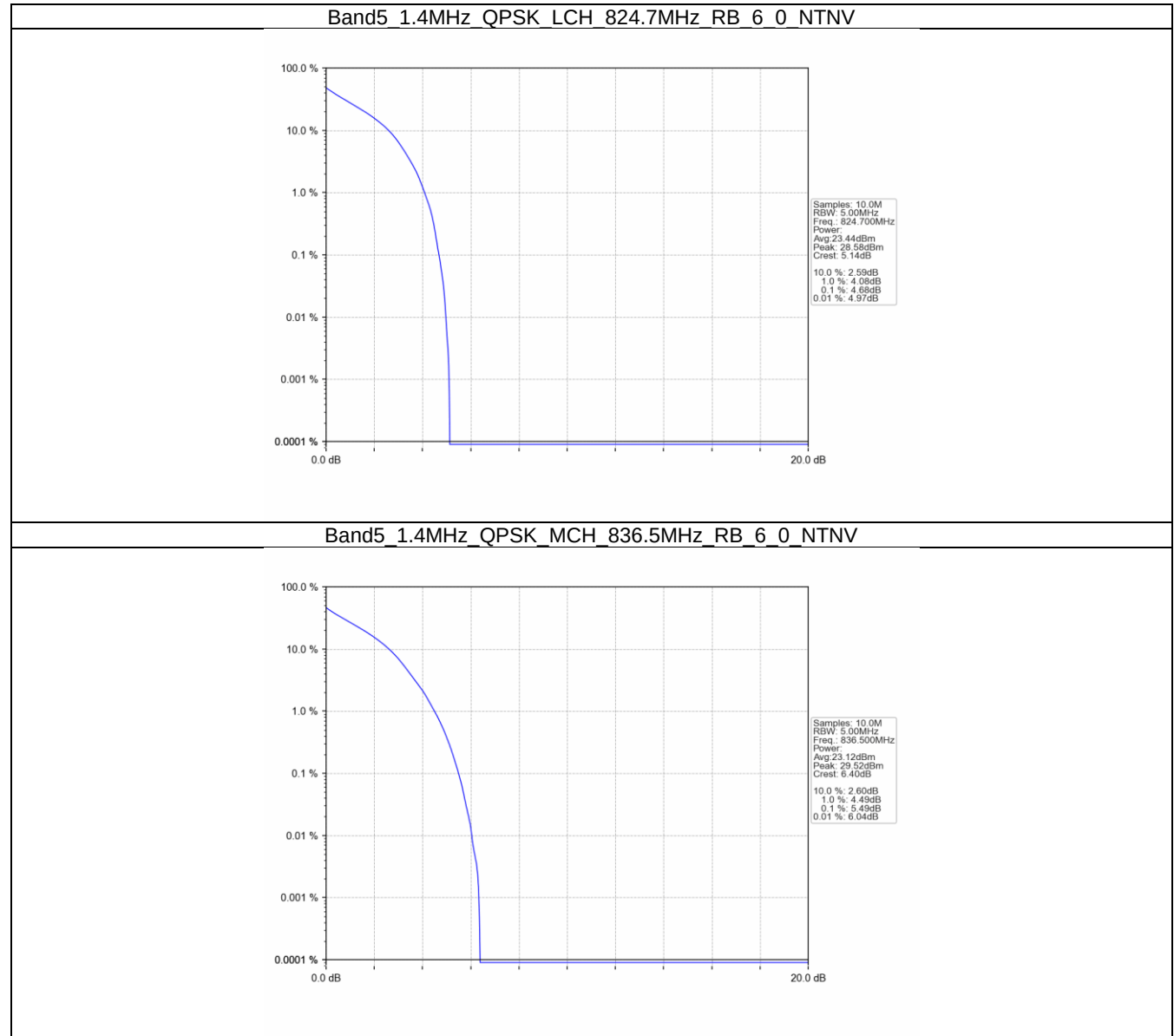
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.87	<=13	Pass
	836.5	25	0	5.49	<=13	Pass
	846.5	25	0	5.39	<=13	Pass
16QAM	826.5	25	0	5.49	<=13	Pass
	836.5	25	0	6.13	<=13	Pass
	846.5	25	0	5.97	<=13	Pass

5.1.4 B5_10MHz

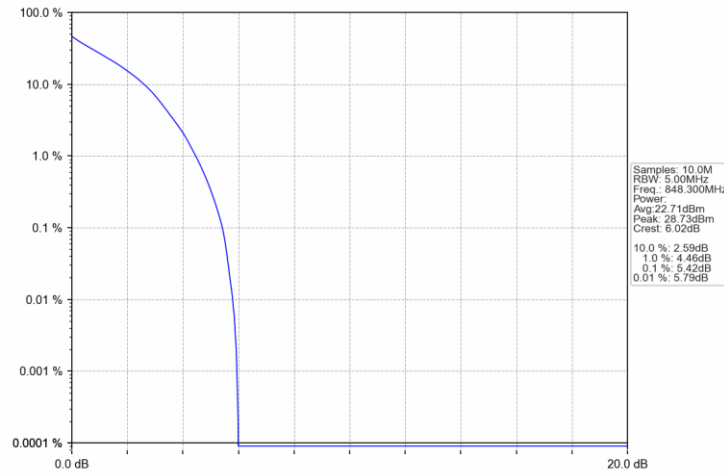
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.01	<=13	Pass
	836.5	50	0	5.34	<=13	Pass
	844	50	0	5.30	<=13	Pass
16QAM	829	50	0	5.68	<=13	Pass
	836.5	50	0	6.07	<=13	Pass
	844	50	0	5.95	<=13	Pass

5.2 Test Graph

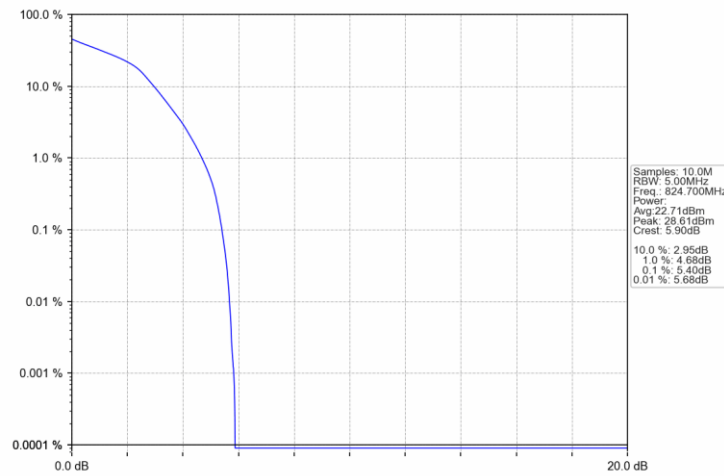
5.2.1 B5_1.4MHz



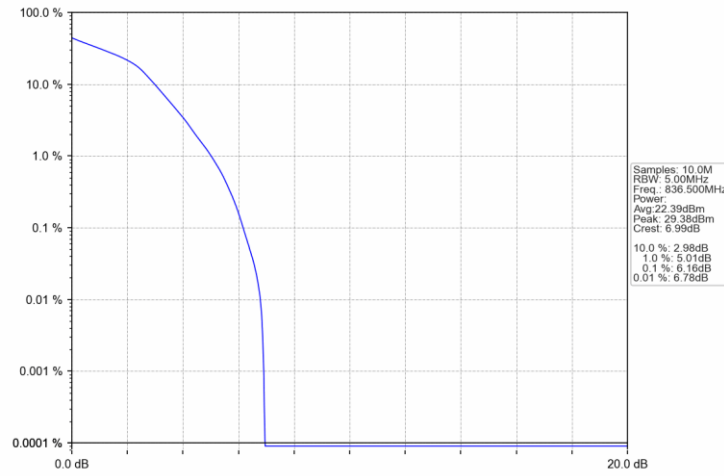
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



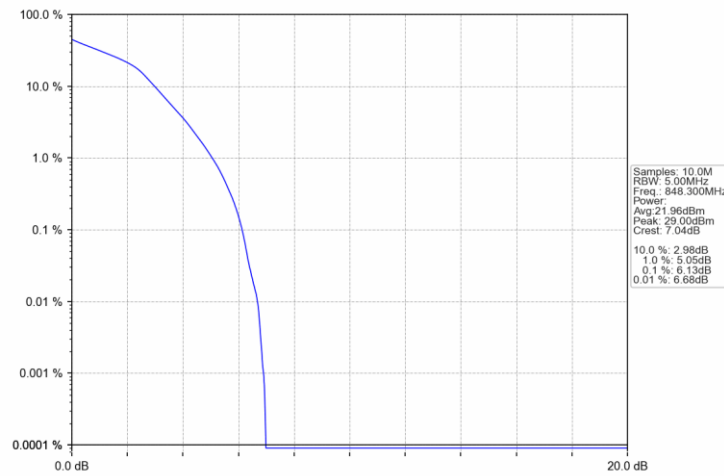
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



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

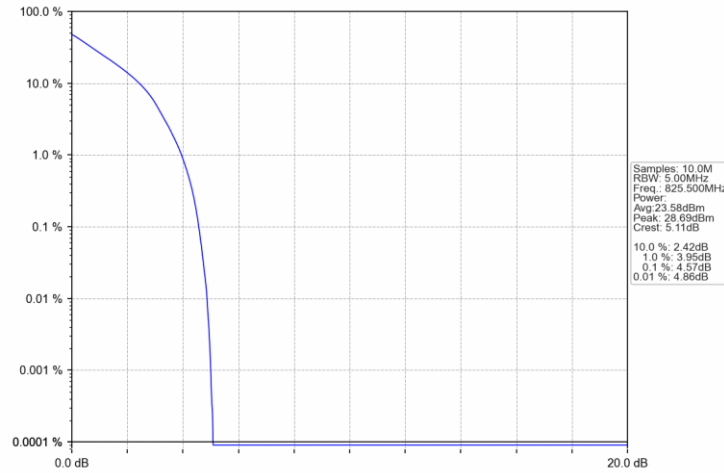


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

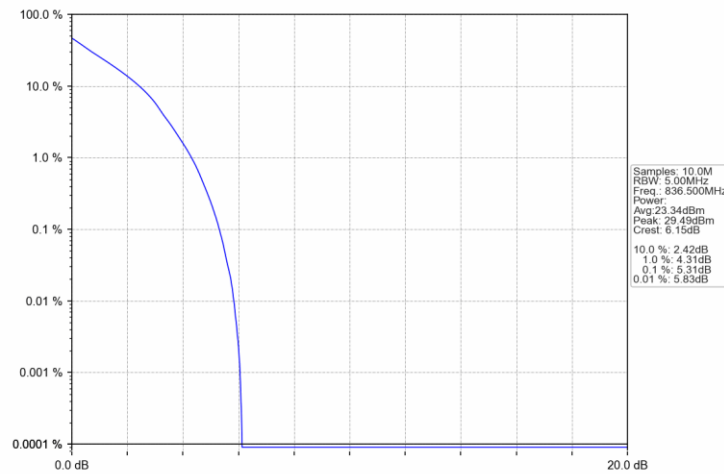


5.2.2 B5_3MHz

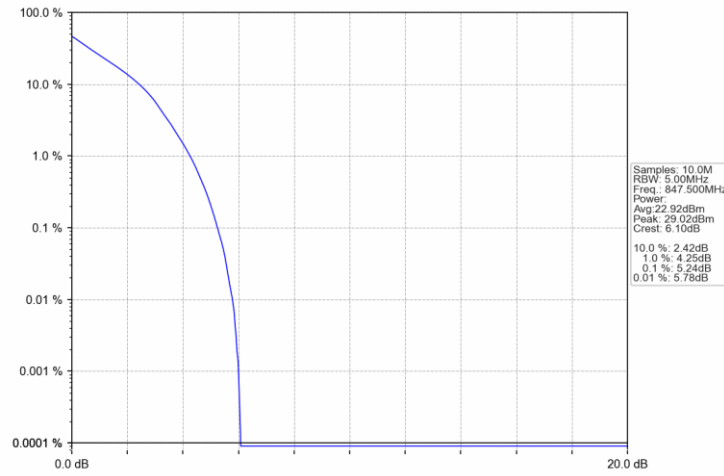
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



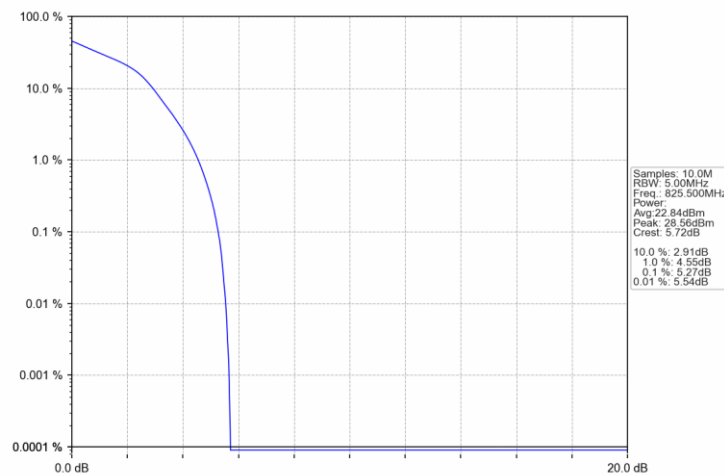
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



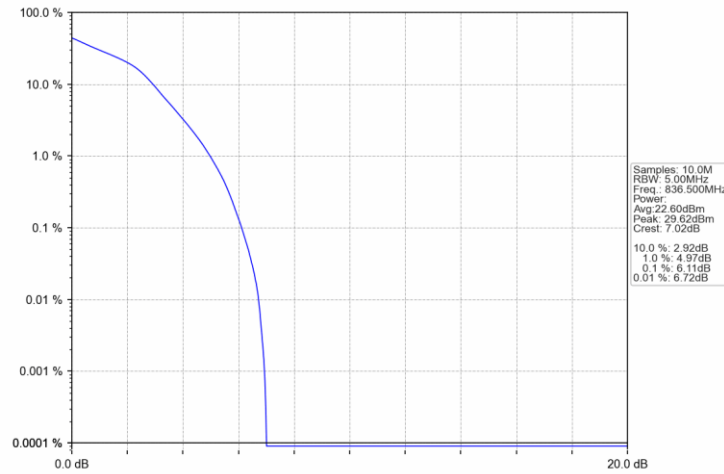
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



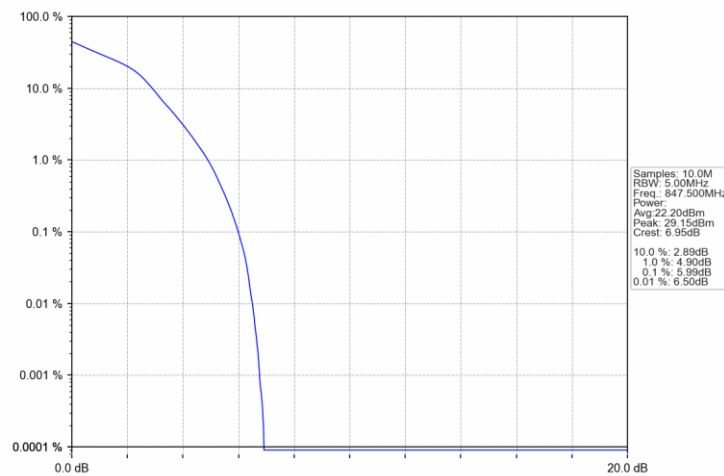
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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

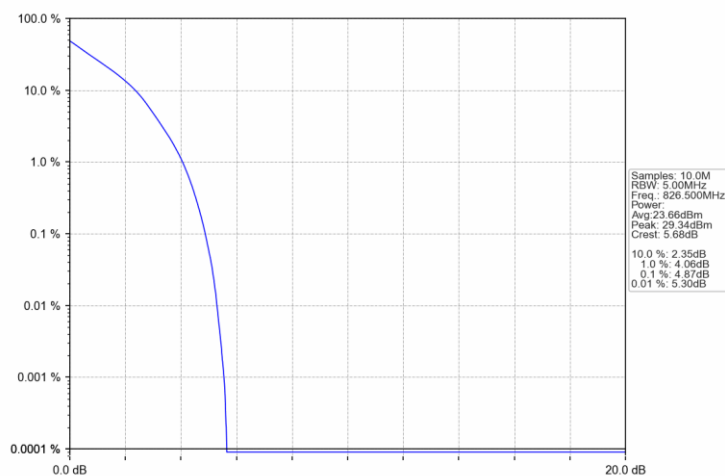


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

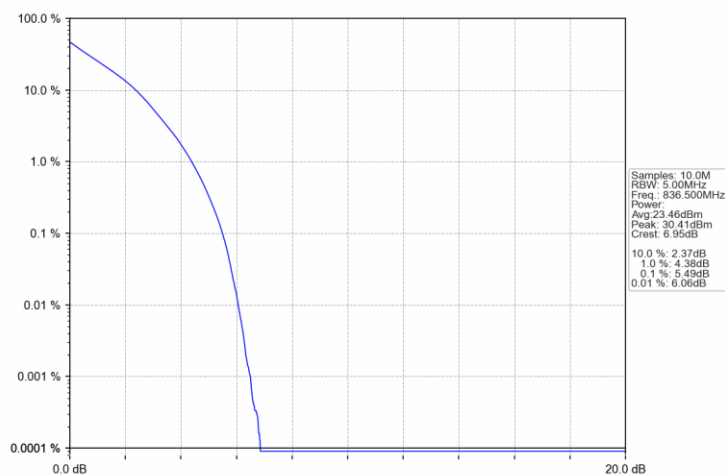


5.2.3 B5_5MHz

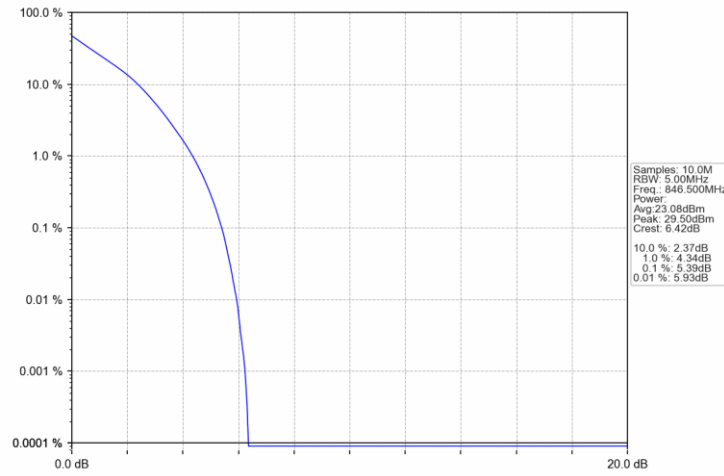
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



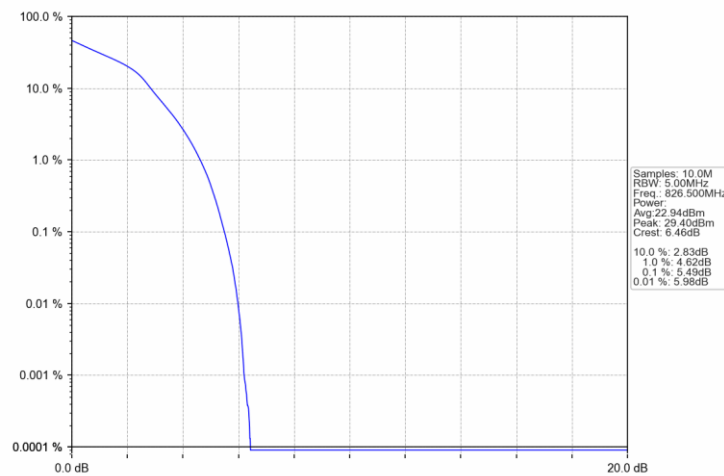
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



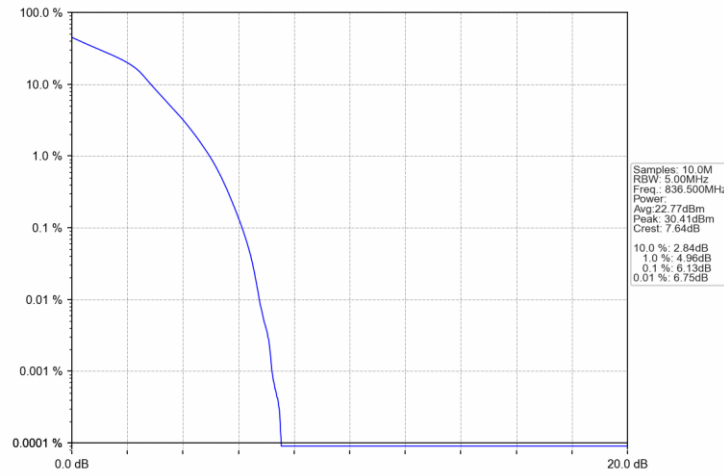
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



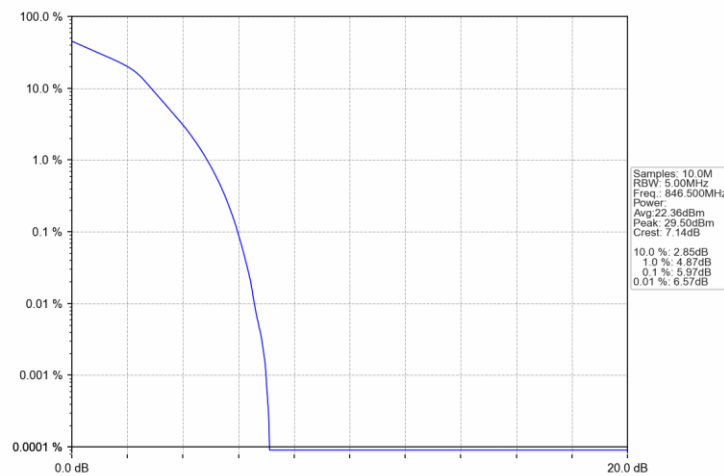
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



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

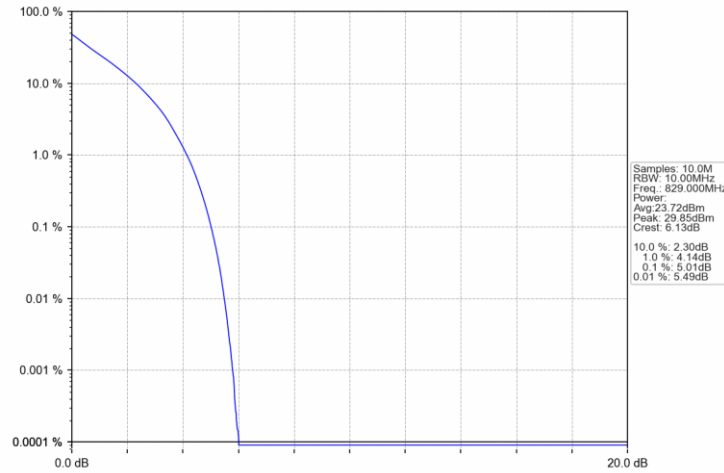


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

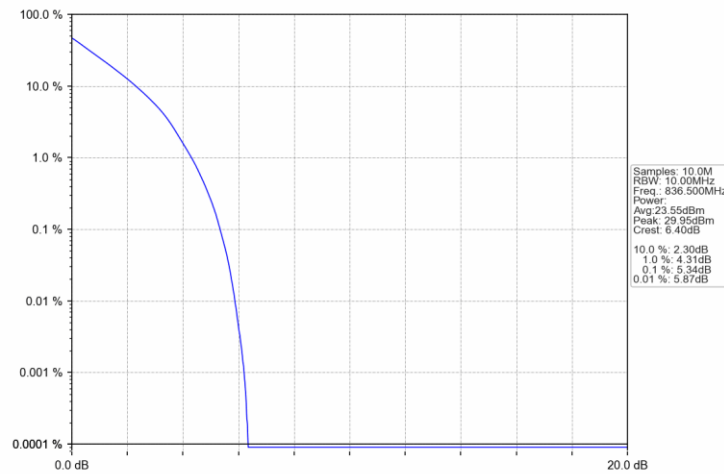


5.2.4 B5_10MHz

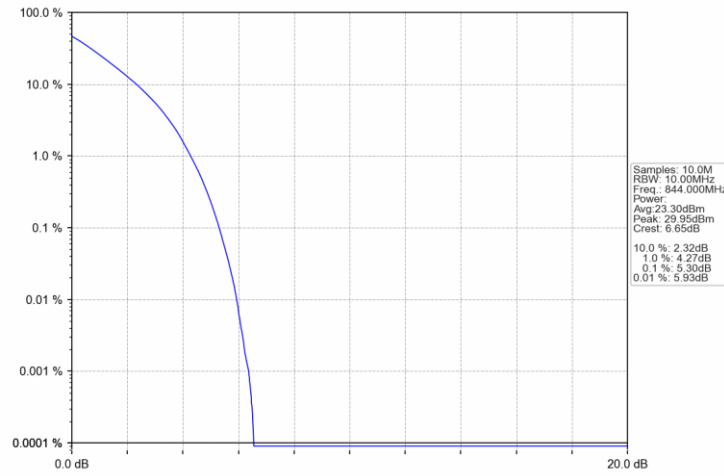
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



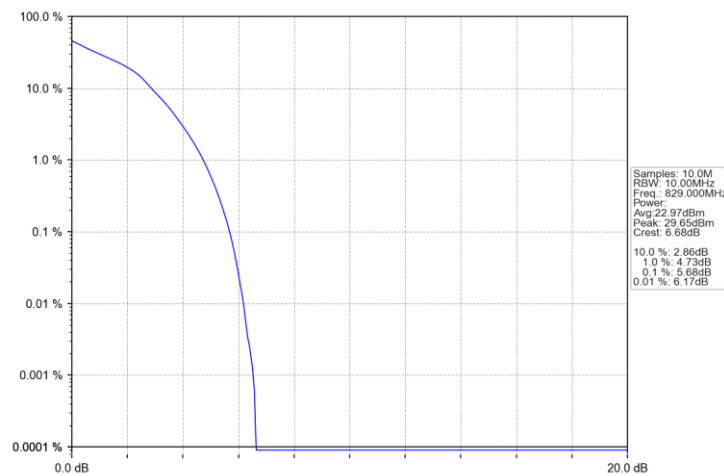
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



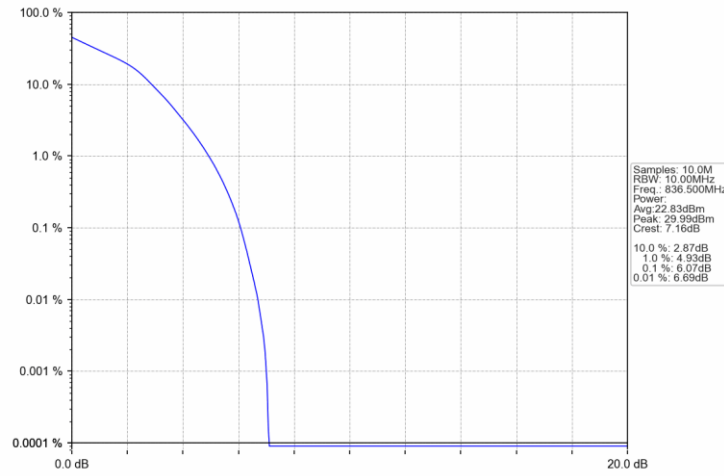
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



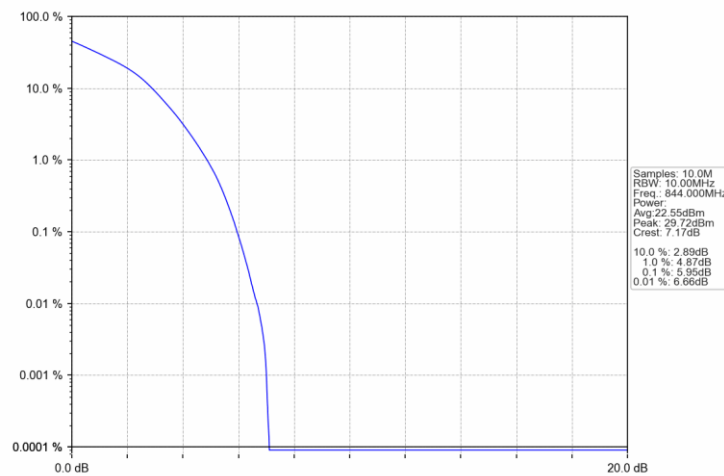
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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 / NTVN						
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

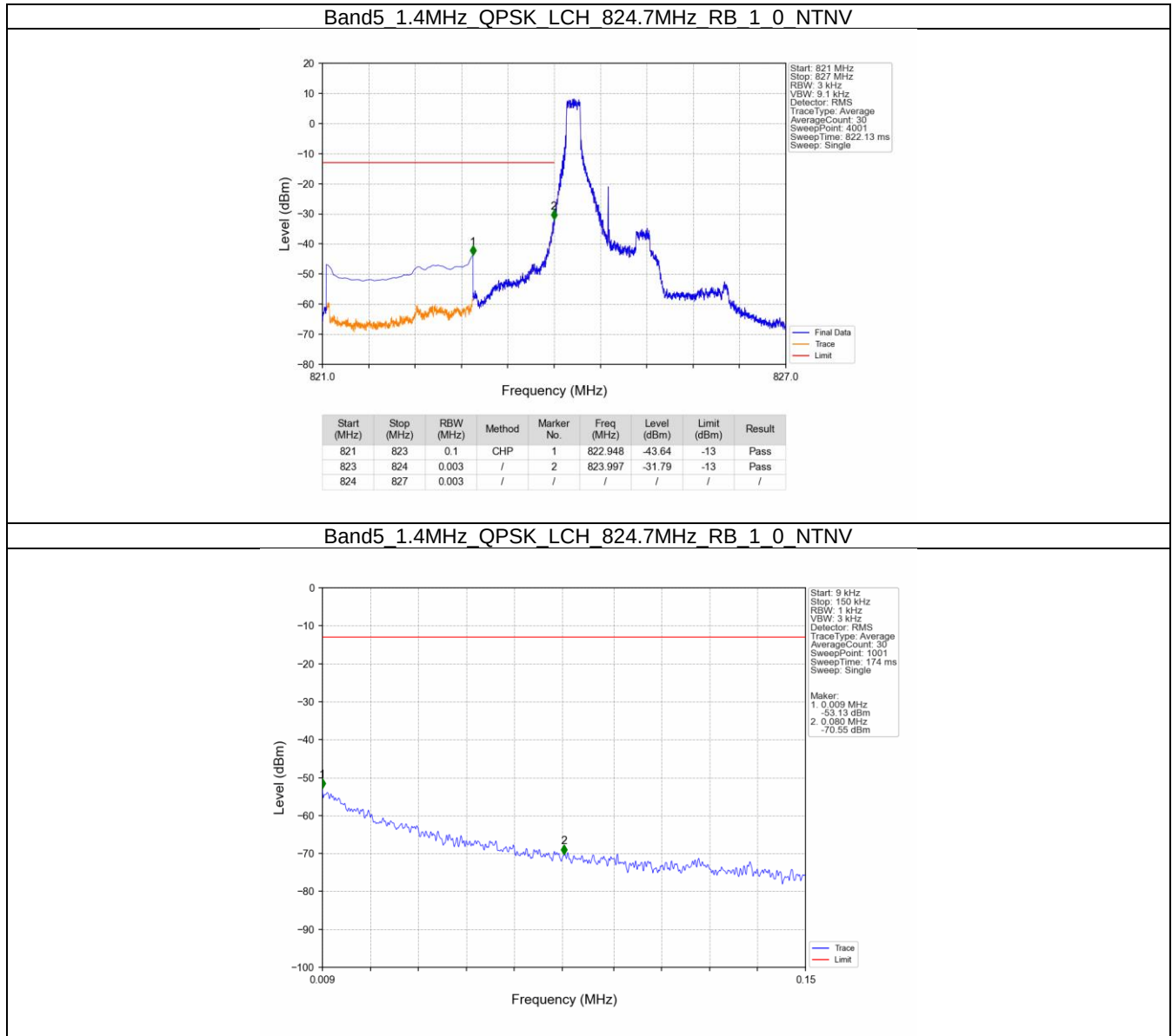
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

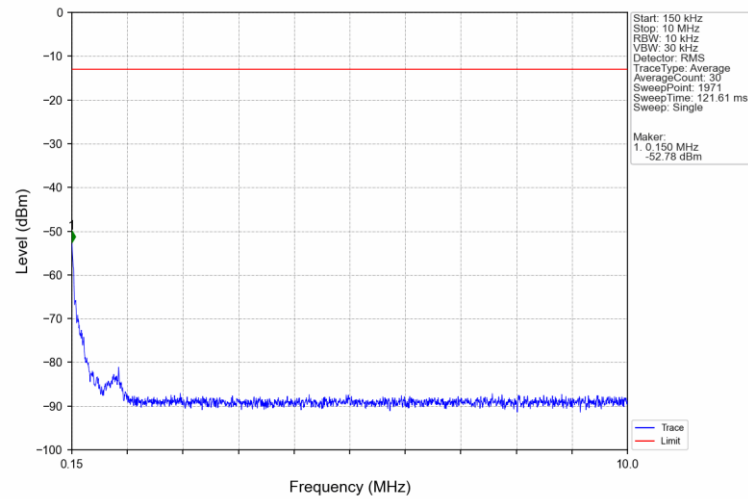
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

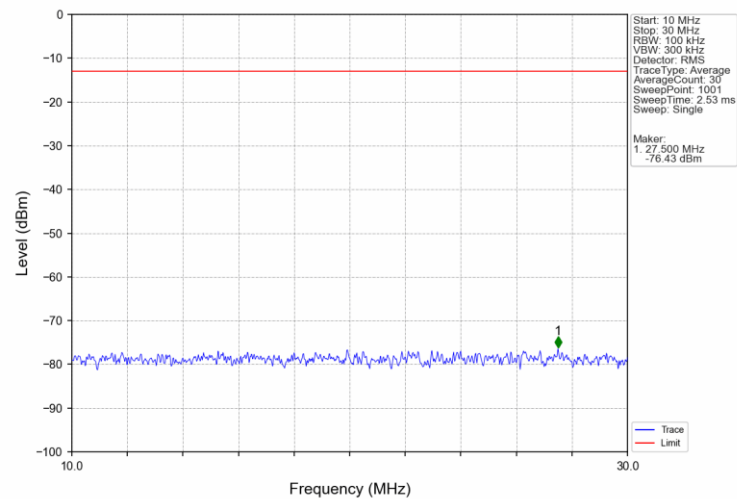
6.2.1 B5_1.4MHz



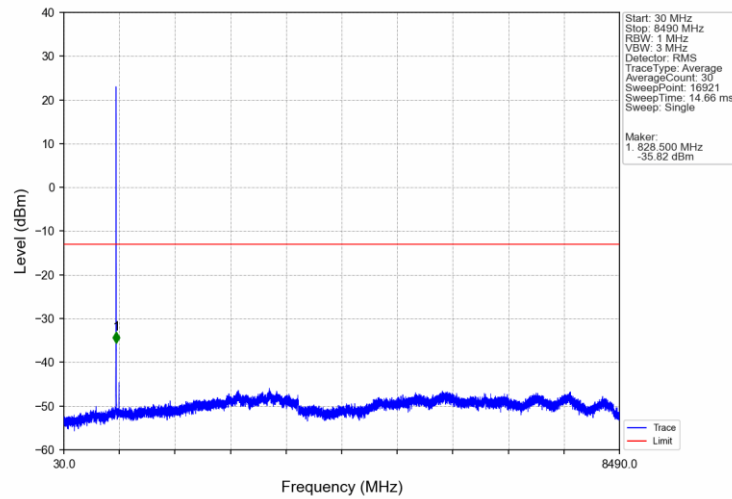
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



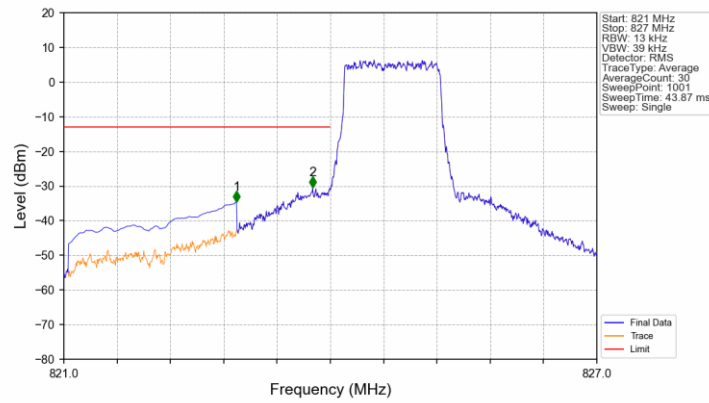
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-34.55	-13	Pass
823	824	0.013	/	2	823.802	-30.41	-13	Pass
824	827	0.013	/	/	/	/	/	/