

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	23.28	0.25	21.38	<=38.45	Pass
			2	23.30	0.25	21.40	<=38.45	Pass
			5	23.28	0.25	21.38	<=38.45	Pass
		3	0	23.85	0.25	21.95	<=38.45	Pass
			2	23.88	0.25	21.98	<=38.45	Pass
			3	23.87	0.25	21.97	<=38.45	Pass
		6	0	22.82	0.25	20.92	<=38.45	Pass
	836.5	1	0	23.39	0.25	21.49	<=38.45	Pass
			2	23.37	0.25	21.47	<=38.45	Pass
			5	23.39	0.25	21.49	<=38.45	Pass
		3	0	23.89	0.25	21.99	<=38.45	Pass
			2	23.90	0.25	22.00	<=38.45	Pass
			3	23.88	0.25	21.98	<=38.45	Pass
		6	0	22.94	0.25	21.04	<=38.45	Pass
	848.3	1	0	23.80	0.25	21.90	<=38.45	Pass
			2	23.78	0.25	21.88	<=38.45	Pass
			5	23.40	0.25	21.50	<=38.45	Pass
		3	0	23.81	0.25	21.91	<=38.45	Pass
			2	23.84	0.25	21.94	<=38.45	Pass
			3	23.86	0.25	21.96	<=38.45	Pass
		6	0	22.80	0.25	20.90	<=38.45	Pass
16QAM	824.7	1	0	22.36	0.25	20.46	<=38.45	Pass
			2	22.35	0.25	20.45	<=38.45	Pass
			5	22.35	0.25	20.45	<=38.45	Pass
		3	0	22.84	0.25	20.94	<=38.45	Pass
			2	22.85	0.25	20.95	<=38.45	Pass
			3	22.85	0.25	20.95	<=38.45	Pass
		6	0	21.74	0.25	19.84	<=38.45	Pass
	836.5	1	0	22.60	0.25	20.70	<=38.45	Pass
			2	22.60	0.25	20.70	<=38.45	Pass
			5	22.59	0.25	20.69	<=38.45	Pass
		3	0	22.91	0.25	21.01	<=38.45	Pass
			2	22.89	0.25	20.99	<=38.45	Pass
			3	22.89	0.25	20.99	<=38.45	Pass
		6	0	21.96	0.25	20.06	<=38.45	Pass
	848.3	1	0	22.31	0.25	20.41	<=38.45	Pass
			2	22.30	0.25	20.40	<=38.45	Pass
			5	22.37	0.25	20.47	<=38.45	Pass
		3	0	22.83	0.25	20.93	<=38.45	Pass
			2	22.86	0.25	20.96	<=38.45	Pass
			3	22.84	0.25	20.94	<=38.45	Pass
		6	0	21.73	0.25	19.83	<=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	23.30	0.25	21.40	<=38.45	Pass
			7	23.27	0.25	21.37	<=38.45	Pass
			14	23.33	0.25	21.43	<=38.45	Pass
		8	0	22.84	0.25	20.94	<=38.45	Pass
			4	22.77	0.25	20.87	<=38.45	Pass
			7	22.81	0.25	20.91	<=38.45	Pass
		15	0	22.80	0.25	20.90	<=38.45	Pass
	836.5	1	0	23.38	0.25	21.48	<=38.45	Pass
			7	23.39	0.25	21.49	<=38.45	Pass
			14	23.38	0.25	21.48	<=38.45	Pass
		8	0	22.87	0.25	20.97	<=38.45	Pass
			4	22.91	0.25	21.01	<=38.45	Pass
			7	22.92	0.25	21.02	<=38.45	Pass
		15	0	22.91	0.25	21.01	<=38.45	Pass
	847.5	1	0	23.29	0.25	21.39	<=38.45	Pass
			7	23.31	0.25	21.41	<=38.45	Pass
			14	23.29	0.25	21.39	<=38.45	Pass
		8	0	22.80	0.25	20.90	<=38.45	Pass
			4	22.77	0.25	20.87	<=38.45	Pass
			7	22.79	0.25	20.89	<=38.45	Pass
		15	0	22.84	0.25	20.94	<=38.45	Pass
16QAM	825.5	1	0	22.41	0.25	20.51	<=38.45	Pass
			7	22.34	0.25	20.44	<=38.45	Pass
			14	22.39	0.25	20.49	<=38.45	Pass
		8	0	21.89	0.25	19.99	<=38.45	Pass
			4	21.86	0.25	19.96	<=38.45	Pass
			7	21.88	0.25	19.98	<=38.45	Pass
		15	0	21.87	0.25	19.97	<=38.45	Pass
	836.5	1	0	22.60	0.25	20.70	<=38.45	Pass
			7	22.63	0.25	20.73	<=38.45	Pass
			14	22.56	0.25	20.66	<=38.45	Pass
		8	0	21.86	0.25	19.96	<=38.45	Pass
			4	21.89	0.25	19.99	<=38.45	Pass
			7	21.90	0.25	20.00	<=38.45	Pass
		15	0	21.87	0.25	19.97	<=38.45	Pass
	847.5	1	0	22.36	0.25	20.46	<=38.45	Pass
			7	22.35	0.25	20.45	<=38.45	Pass
			14	22.35	0.25	20.45	<=38.45	Pass
		8	0	21.87	0.25	19.97	<=38.45	Pass
			4	21.81	0.25	19.91	<=38.45	Pass
			7	21.79	0.25	19.89	<=38.45	Pass
		15	0	21.84	0.25	19.94	<=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	23.37	0.25	21.47	<=38.45	Pass
			13	23.34	0.25	21.44	<=38.45	Pass
			24	23.43	0.25	21.53	<=38.45	Pass
		12	0	22.81	0.25	20.91	<=38.45	Pass
			6	22.82	0.25	20.92	<=38.45	Pass
			13	22.75	0.25	20.85	<=38.45	Pass
		25	0	22.85	0.25	20.95	<=38.45	Pass
			13	22.85	0.25	20.95	<=38.45	Pass
			24	23.40	0.25	21.50	<=38.45	Pass
	836.5	1	0	23.39	0.25	21.49	<=38.45	Pass
			13	23.37	0.25	21.47	<=38.45	Pass
			24	23.40	0.25	21.50	<=38.45	Pass
		12	0	22.94	0.25	21.04	<=38.45	Pass
			6	22.92	0.25	21.02	<=38.45	Pass
			13	22.92	0.25	21.02	<=38.45	Pass
		25	0	22.92	0.25	21.02	<=38.45	Pass
			13	22.92	0.25	21.02	<=38.45	Pass
			24	23.40	0.25	21.50	<=38.45	Pass
	846.5	1	0	23.47	0.25	21.57	<=38.45	Pass
			13	23.37	0.25	21.47	<=38.45	Pass
			24	23.48	0.25	21.58	<=38.45	Pass
		12	0	22.86	0.25	20.96	<=38.45	Pass
			6	22.82	0.25	20.92	<=38.45	Pass
			13	22.81	0.25	20.91	<=38.45	Pass
		25	0	22.89	0.25	20.99	<=38.45	Pass
			13	22.89	0.25	20.99	<=38.45	Pass
			24	23.40	0.25	21.50	<=38.45	Pass
16QAM	826.5	1	0	22.43	0.25	20.53	<=38.45	Pass
			13	22.42	0.25	20.52	<=38.45	Pass
			24	22.46	0.25	20.56	<=38.45	Pass
		12	0	21.82	0.25	19.92	<=38.45	Pass
			6	21.83	0.25	19.93	<=38.45	Pass
			13	21.76	0.25	19.86	<=38.45	Pass
		25	0	21.87	0.25	19.97	<=38.45	Pass
			13	21.87	0.25	19.97	<=38.45	Pass
			24	22.46	0.25	20.56	<=38.45	Pass
	836.5	1	0	22.68	0.25	20.78	<=38.45	Pass
			13	22.65	0.25	20.75	<=38.45	Pass
			24	22.68	0.25	20.78	<=38.45	Pass
		12	0	21.99	0.25	20.09	<=38.45	Pass
			6	21.94	0.25	20.04	<=38.45	Pass
			13	21.92	0.25	20.02	<=38.45	Pass
		25	0	21.95	0.25	20.05	<=38.45	Pass
			13	21.95	0.25	20.05	<=38.45	Pass
			24	22.46	0.25	20.56	<=38.45	Pass
	846.5	1	0	22.19	0.25	20.29	<=38.45	Pass
			13	22.12	0.25	20.22	<=38.45	Pass
			24	22.19	0.25	20.29	<=38.45	Pass
		12	0	21.91	0.25	20.01	<=38.45	Pass
			6	21.80	0.25	19.90	<=38.45	Pass
			13	21.79	0.25	19.89	<=38.45	Pass
		25	0	21.93	0.25	20.03	<=38.45	Pass
			13	21.93	0.25	20.03	<=38.45	Pass
			24	22.46	0.25	20.56	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.28	0.25	21.38	<=38.45	Pass
			25	23.41	0.25	21.51	<=38.45	Pass
			49	23.41	0.25	21.51	<=38.45	Pass
		25	0	22.89	0.25	20.99	<=38.45	Pass
			13	22.91	0.25	21.01	<=38.45	Pass
			25	22.82	0.25	20.92	<=38.45	Pass
		50	0	22.92	0.25	21.02	<=38.45	Pass
			0	23.38	0.25	21.48	<=38.45	Pass
			25	23.42	0.25	21.52	<=38.45	Pass
	836.5	1	49	23.32	0.25	21.42	<=38.45	Pass
			0	22.92	0.25	21.02	<=38.45	Pass
			13	22.92	0.25	21.02	<=38.45	Pass
		25	25	22.97	0.25	21.07	<=38.45	Pass
			0	22.98	0.25	21.08	<=38.45	Pass
			0	23.39	0.25	21.49	<=38.45	Pass
		25	25	23.33	0.25	21.43	<=38.45	Pass
			49	23.27	0.25	21.37	<=38.45	Pass
			0	22.93	0.25	21.03	<=38.45	Pass
	844	25	13	22.81	0.25	20.91	<=38.45	Pass
			25	22.77	0.25	20.87	<=38.45	Pass
			0	22.92	0.25	21.02	<=38.45	Pass
16QAM	829	1	0	22.30	0.25	20.40	<=38.45	Pass
			25	22.43	0.25	20.53	<=38.45	Pass
			49	22.45	0.25	20.55	<=38.45	Pass
		12	0	22.88	0.25	20.98	<=38.45	Pass
			19	22.95	0.25	21.05	<=38.45	Pass
			38	22.93	0.25	21.03	<=38.45	Pass
		27	0	21.90	0.25	20.00	<=38.45	Pass
			0	22.57	0.25	20.67	<=38.45	Pass
			25	22.61	0.25	20.71	<=38.45	Pass
	836.5	1	49	22.50	0.25	20.60	<=38.45	Pass
			0	22.96	0.25	21.06	<=38.45	Pass
			19	22.95	0.25	21.05	<=38.45	Pass
		12	38	22.95	0.25	21.05	<=38.45	Pass
			0	21.97	0.25	20.07	<=38.45	Pass
			0	22.91	0.25	21.01	<=38.45	Pass
		27	25	22.81	0.25	20.91	<=38.45	Pass
			49	22.75	0.25	20.85	<=38.45	Pass
			0	22.94	0.25	21.04	<=38.45	Pass
	844	12	19	22.89	0.25	20.99	<=38.45	Pass
			38	22.85	0.25	20.95	<=38.45	Pass
			23	21.66	0.25	19.76	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-0.558	-0.0007	-2.5 to 2.5	Pass
					3.85	1.674	0.0020	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	1.802	0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.819	0.0046	-2.5 to 2.5	Pass
				-10	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				0	3.85	5.779	0.0070	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				30	3.85	5.693	0.0069	-2.5 to 2.5	Pass
				40	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				50	3.85	4.134	0.0050	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	0.229	0.0003	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0044	-2.5 to 2.5	Pass
					4.43	-3.977	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-2.389	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	1.388	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				0	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				30	3.85	1.116	0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	1.616	0.0019	-2.5 to 2.5	Pass
					3.85	6.208	0.0073	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	3.419	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.272	0.0003	-2.5 to 2.5	Pass
				30	3.85	3.076	0.0036	-2.5 to 2.5	Pass
				40	3.85	-3.004	-0.0035	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.044	-0.0013	-2.5 to 2.5	Pass
					3.85	5.150	0.0062	-2.5 to 2.5	Pass
					4.43	5.479	0.0066	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.116	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.103	-0.0026	-2.5 to 2.5	Pass
				0	3.85	4.163	0.0050	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	3.004	0.0036	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
					4.43	0.901	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.432	0.0029	-2.5 to 2.5	Pass

				0	3.85	-3.061	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-2.704	-0.0032	-2.5 to 2.5	Pass
				30	3.85	1.860	0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.772	0.0009	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0059	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.275	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	5.007	0.0059	-2.5 to 2.5	Pass
				-10	3.85	-3.591	-0.0042	-2.5 to 2.5	Pass
				0	3.85	2.432	0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
				30	3.85	1.845	0.0022	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	0.215	0.0003	-2.5 to 2.5	Pass
					3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-5.450	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0021	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	0.772	0.0009	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.232	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-4.463	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0034	-2.5 to 2.5	Pass
				10	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				30	3.85	1.616	0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-0.300	-0.0004	-2.5 to 2.5	Pass
					3.85	0.415	0.0005	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	3.004	0.0035	-2.5 to 2.5	Pass
				-20	3.85	3.777	0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0023	-2.5 to 2.5	Pass
				10	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.230	0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	1.087	0.0013	-2.5 to 2.5	Pass
					3.85	4.292	0.0052	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0032	-2.5 to 2.5	Pass

				-30	3.85	-2.618	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.260	0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-2.360	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.289	-0.0028	-2.5 to 2.5	Pass
				40	3.85	1.817	0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0036	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-3.633	-0.0043	-2.5 to 2.5	Pass
					3.85	0.601	0.0007	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	1.431	0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-7.010	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.176	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0020	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.402	-0.0017	-2.5 to 2.5	Pass
					3.85	0.372	0.0004	-2.5 to 2.5	Pass
					4.43	-3.576	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.744	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0022	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.632	-0.0031	-2.5 to 2.5	Pass
				40	3.85	2.117	0.0025	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-3.633	-0.0044	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.089	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.545	-0.0019	-2.5 to 2.5	Pass
				10	3.85	1.259	0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.860	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				50	3.85	3.176	0.0038	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-3.147	-0.0038	-2.5 to 2.5	Pass
					3.85	2.203	0.0026	-2.5 to 2.5	Pass
					4.43	-1.030	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.633	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.101	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.860	0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0031	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.386	0.0005	-2.5 to 2.5	Pass

	846.5	25	0	20	3.27	-2.933	-0.0035	-2.5 to 2.5	Pass
					3.85	2.303	0.0027	-2.5 to 2.5	Pass
					4.43	-1.702	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.817	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.360	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-1.302	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				40	3.85	2.074	0.0025	-2.5 to 2.5	Pass
				50	3.85	1.087	0.0013	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	0.587	0.0007	-2.5 to 2.5	Pass
					3.85	-2.089	-0.0025	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.273	0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.420	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				30	3.85	2.775	0.0034	-2.5 to 2.5	Pass
				40	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				50	3.85	0.300	0.0004	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	2.246	0.0027	-2.5 to 2.5	Pass
					3.85	3.433	0.0041	-2.5 to 2.5	Pass
					4.43	2.675	0.0032	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.616	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-4.320	-0.0051	-2.5 to 2.5	Pass
					3.85	0.644	0.0008	-2.5 to 2.5	Pass
					4.43	1.030	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-6.223	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				0	3.85	2.389	0.0028	-2.5 to 2.5	Pass
				10	3.85	1.631	0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.818	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	0.315	0.0004	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0018	-2.5 to 2.5	Pass
				0	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass

				30	3.85	0.715	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.329	0.0004	-2.5 to 2.5	Pass
				50	3.85	3.448	0.0042	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-4.392	-0.0053	-2.5 to 2.5	Pass
					3.85	0.815	0.0010	-2.5 to 2.5	Pass
					4.43	-1.616	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.177	-0.0050	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
	844	50	0	20	3.27	2.275	0.0027	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-3.433	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-3.147	-0.0037	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.27	-1.917	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.845	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.618	0.0032	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0053	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0011	-2.5 to 2.5	Pass
	836.5	27	0	20	3.27	-1.459	-0.0017	-2.5 to 2.5	Pass
					3.85	-5.364	-0.0064	-2.5 to 2.5	Pass
					4.43	1.287	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-5.779	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-3.920	-0.0047	-2.5 to 2.5	Pass
				30	3.85	0.844	0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
	844	27	23	20	3.27	-4.435	-0.0053	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.562	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	0.787	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.388	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-4.821	-0.0057	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0004	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-0.916	-0.0011	-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

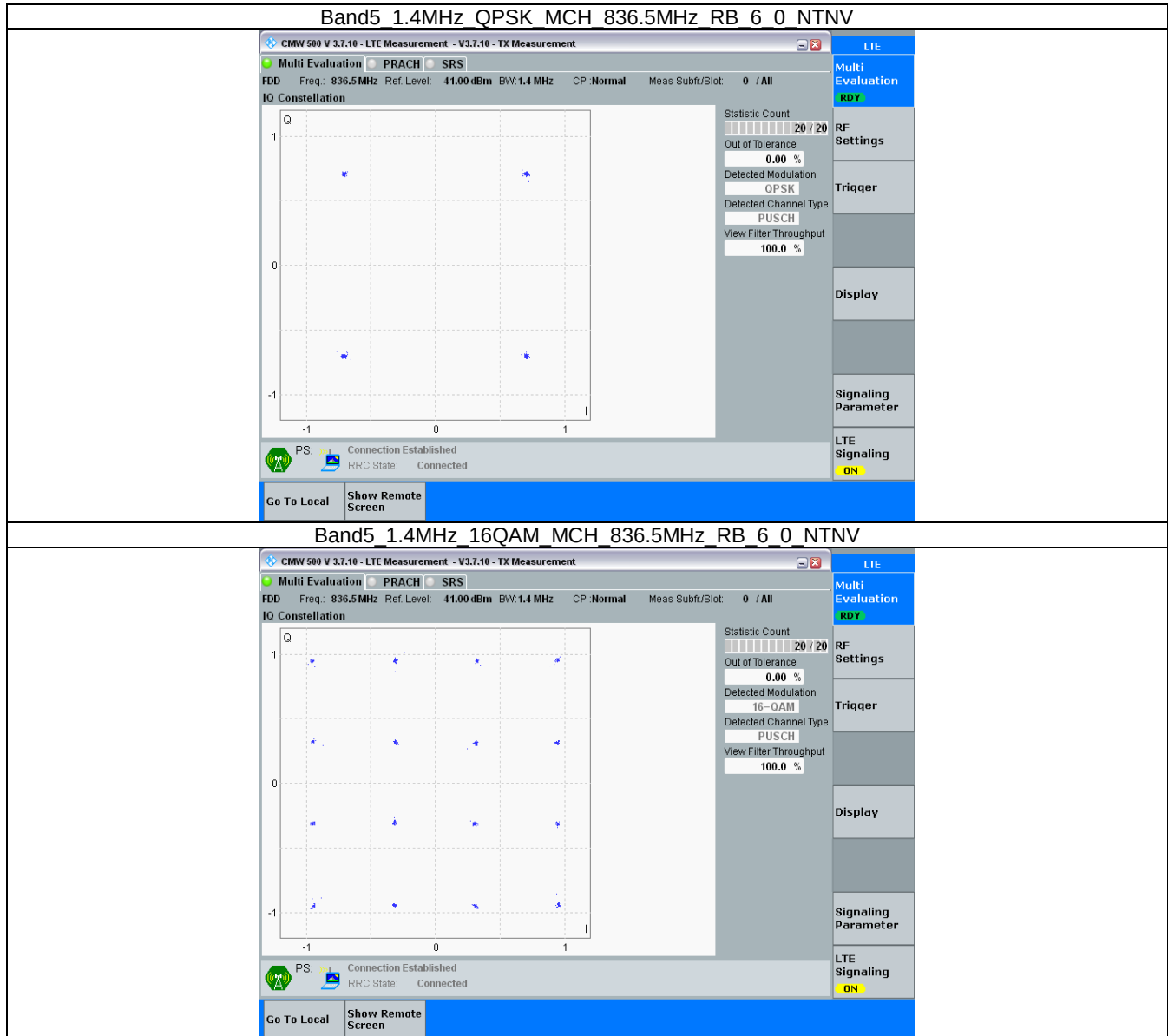
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

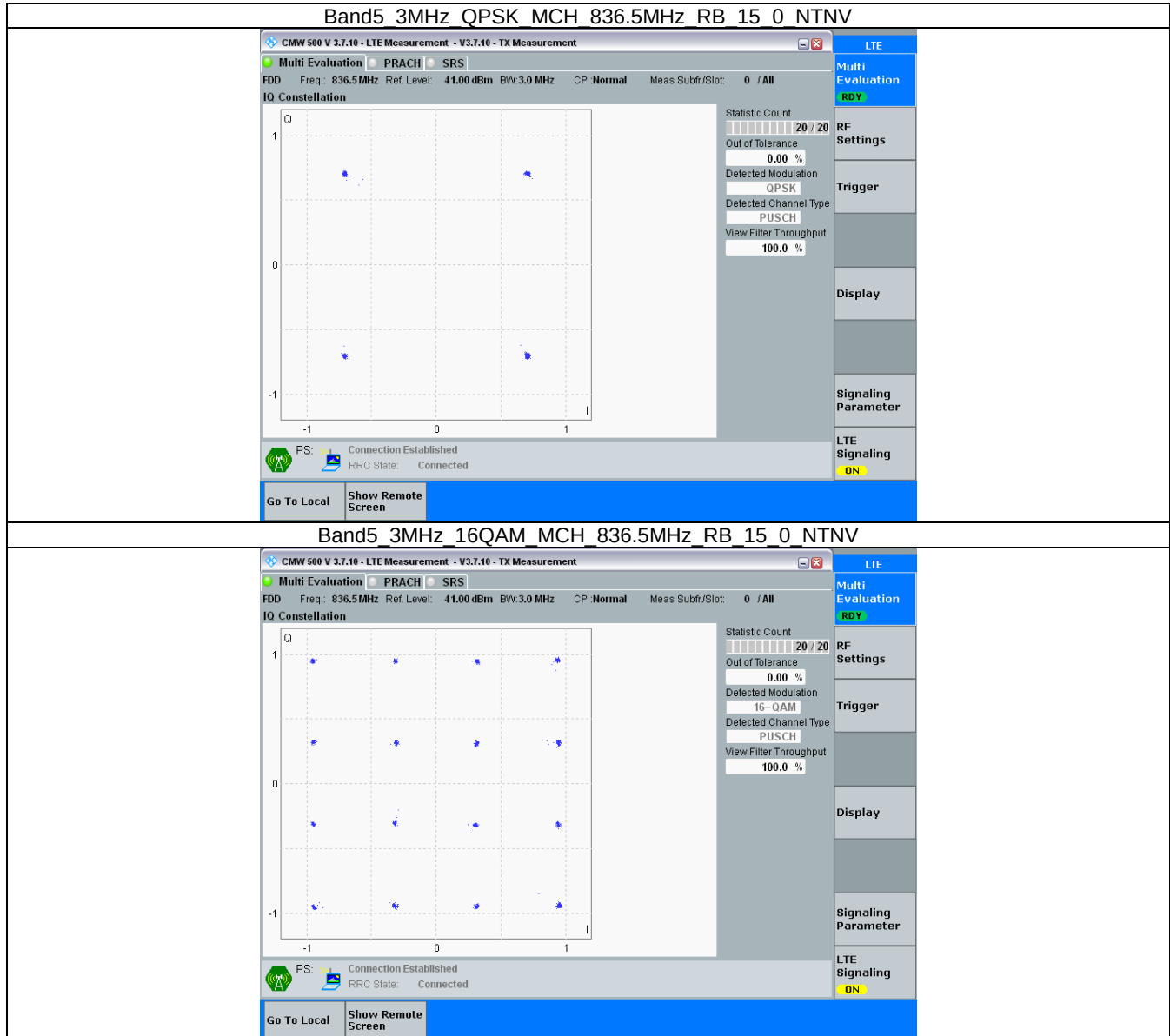
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

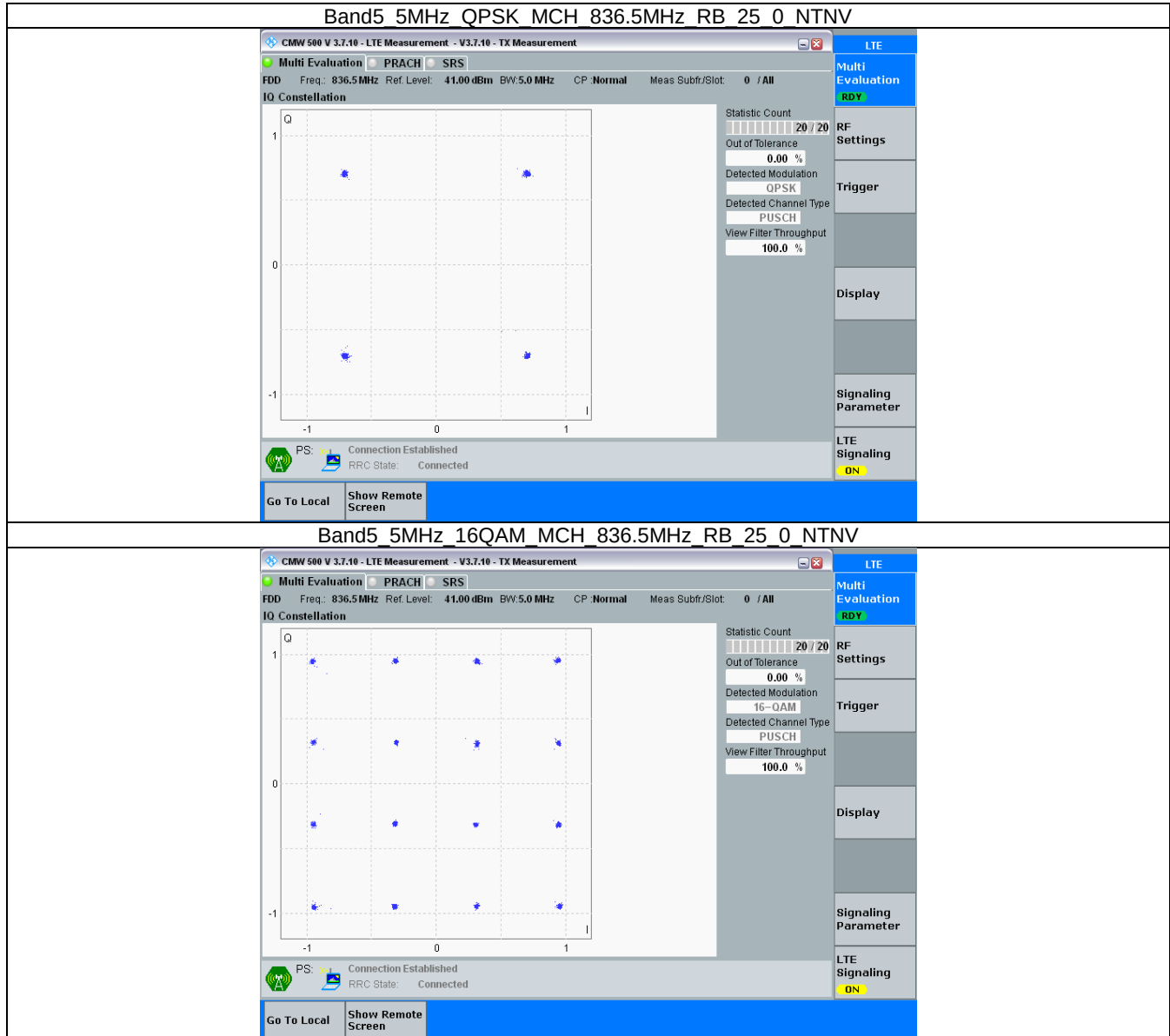
3.2.1 B5_1.4MHz



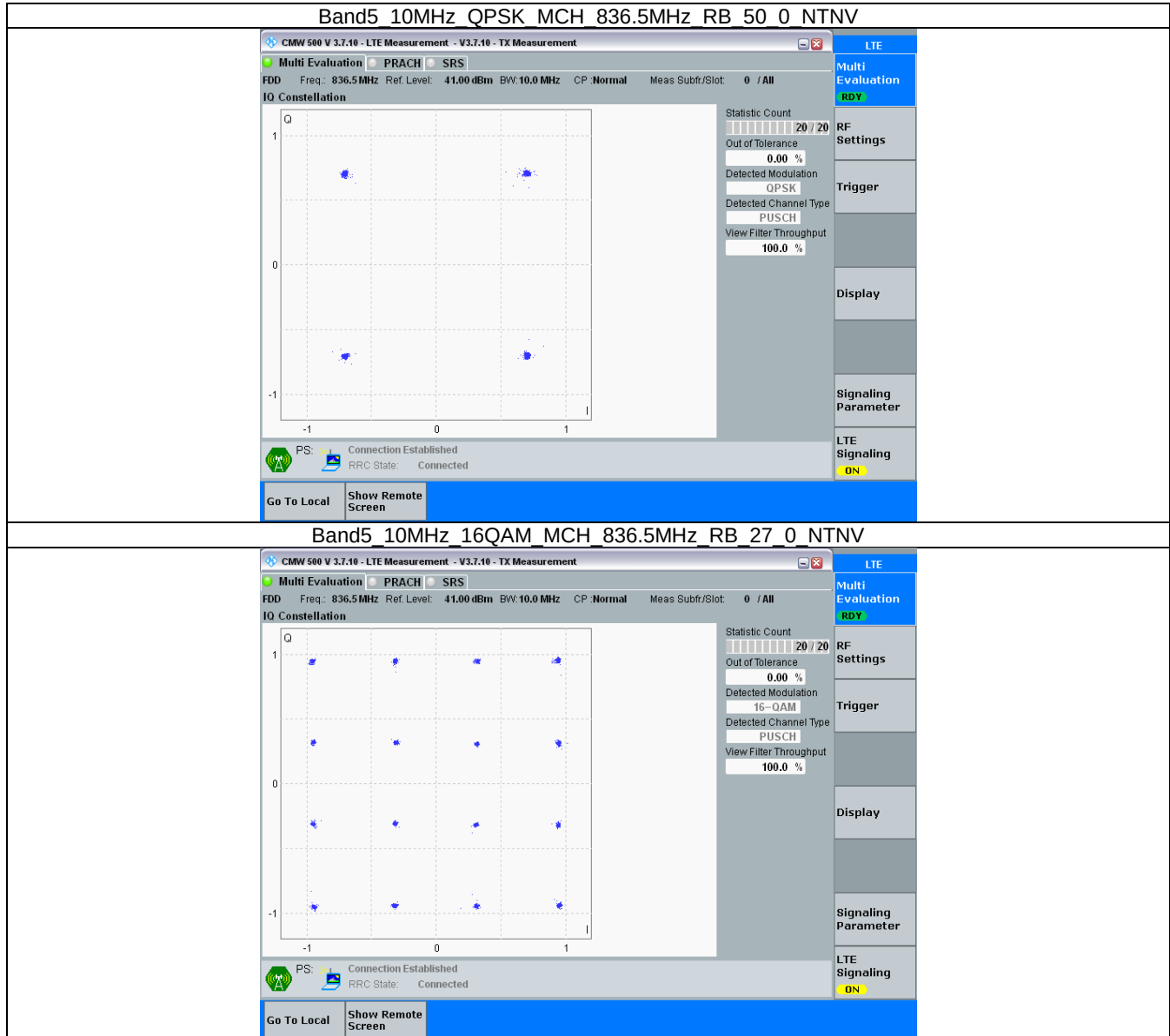
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.086	/	Pass
		836.5	6	0	1.085	/	Pass
		848.3	6	0	1.084	/	Pass
	16QAM	824.7	6	0	1.086	/	Pass
		836.5	6	0	1.082	/	Pass
		848.3	6	0	1.088	/	Pass
3	QPSK	825.5	15	0	2.690	/	Pass
		836.5	15	0	2.680	/	Pass
		847.5	15	0	2.680	/	Pass
	16QAM	825.5	15	0	2.680	/	Pass
		836.5	15	0	2.682	/	Pass
		847.5	15	0	2.679	/	Pass
5	QPSK	826.5	25	0	4.506	/	Pass
		836.5	25	0	4.514	/	Pass
		846.5	25	0	4.532	/	Pass
	16QAM	826.5	25	0	4.514	/	Pass
		836.5	25	0	4.508	/	Pass
		846.5	25	0	4.510	/	Pass
10	QPSK	829	50	0	8.954	/	Pass
		836.5	50	0	8.959	/	Pass
		844	50	0	8.965	/	Pass
	16QAM	829	27	0	4.912	/	Pass
		836.5	27	0	4.907	/	Pass
		844	27	23	4.904	/	Pass

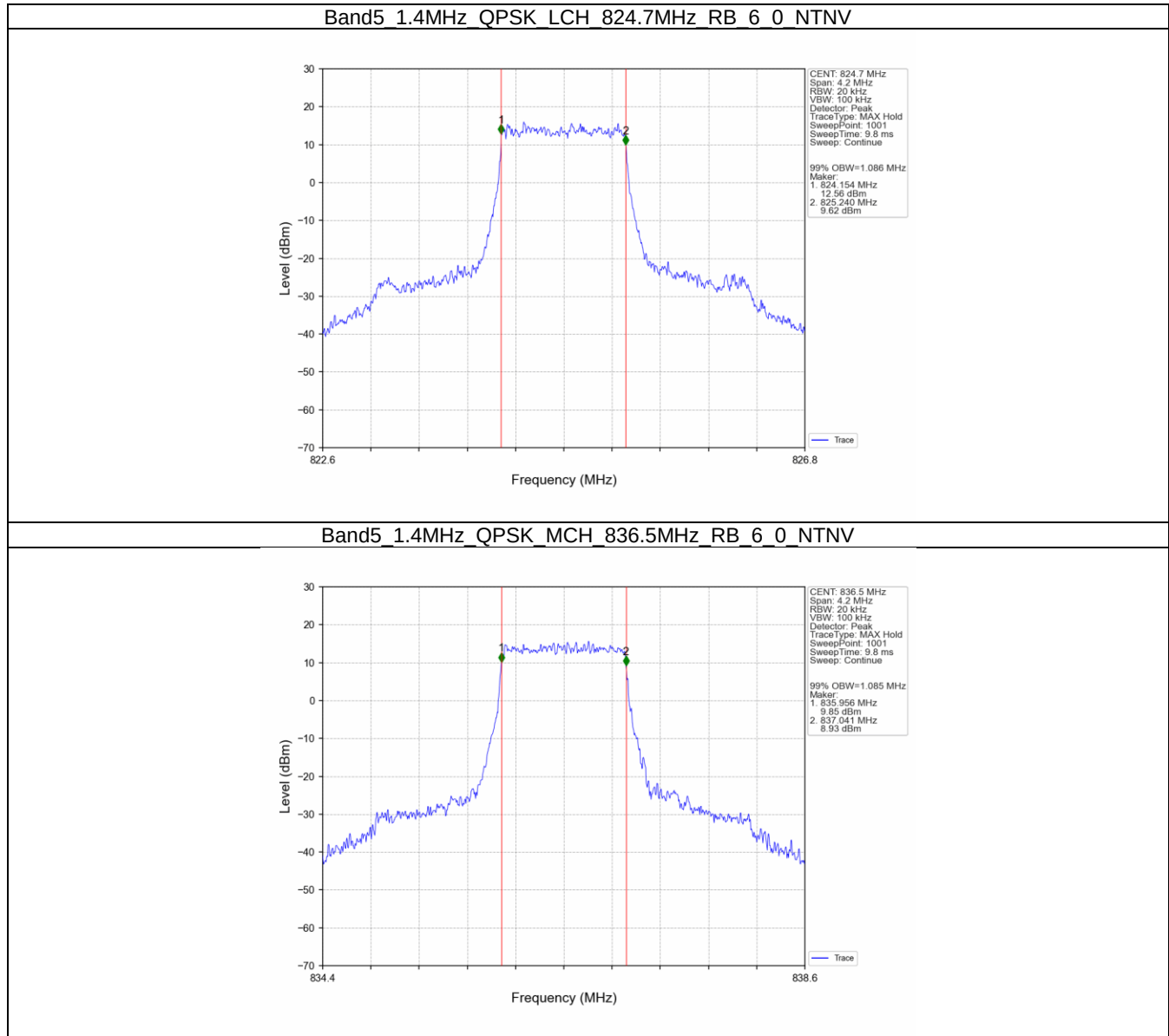
4.1.2 Band5_XDB

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	1.260	/	Pass
		836.5	6	0	1.281	/	Pass
		848.3	6	0	1.257	/	Pass
	16QAM	824.7	6	0	1.278	/	Pass
		836.5	6	0	1.251	/	Pass
		848.3	6	0	1.284	/	Pass
3	QPSK	825.5	15	0	2.897	/	Pass
		836.5	15	0	2.877	/	Pass
		847.5	15	0	2.888	/	Pass
	16QAM	825.5	15	0	2.889	/	Pass
		836.5	15	0	2.886	/	Pass
		847.5	15	0	2.906	/	Pass
5	QPSK	826.5	25	0	4.951	/	Pass
		836.5	25	0	4.954	/	Pass
		846.5	25	0	4.961	/	Pass

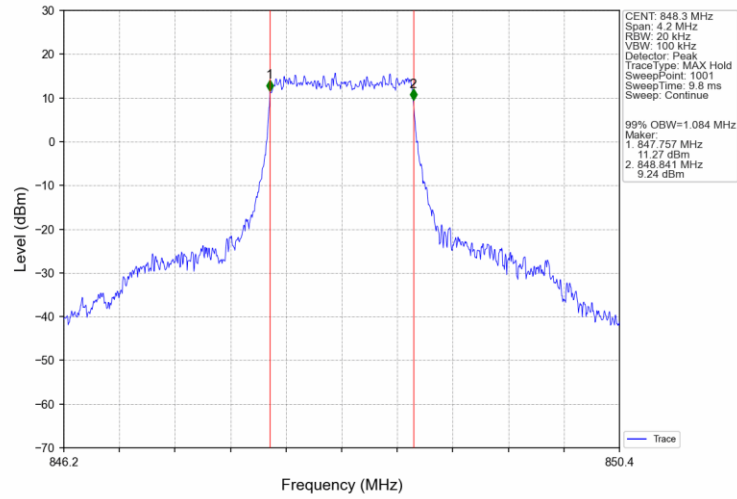
10	16QAM	826.5	25	0	4.982	/	Pass
		836.5	25	0	4.931	/	Pass
		846.5	25	0	4.976	/	Pass
	QPSK	829	50	0	9.553	/	Pass
		836.5	50	0	9.565	/	Pass
		844	50	0	9.605	/	Pass
	16QAM	829	27	0	5.683	/	Pass
		836.5	27	0	5.640	/	Pass
		844	27	23	5.650	/	Pass

4.2 Test Graph

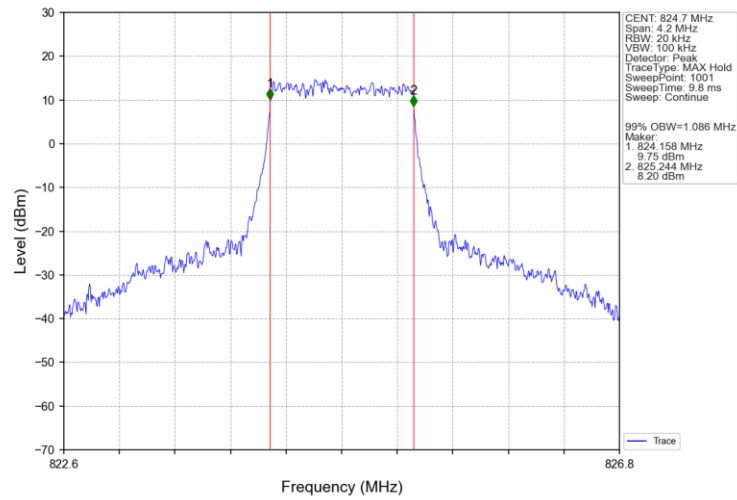
4.2.1 Band5_OBW



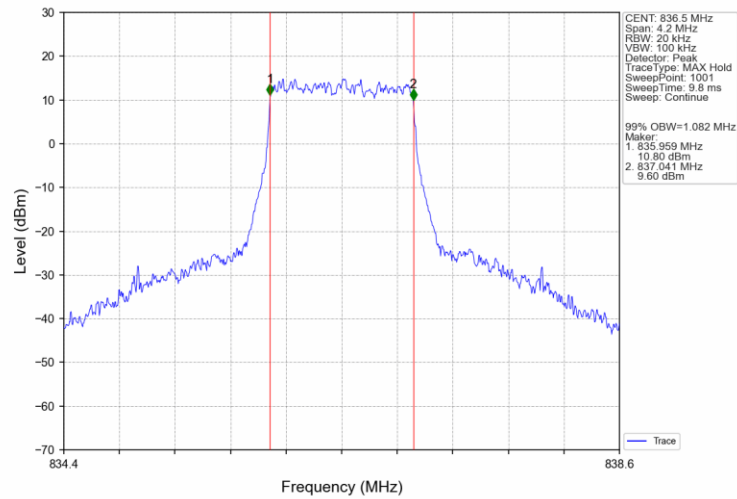
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



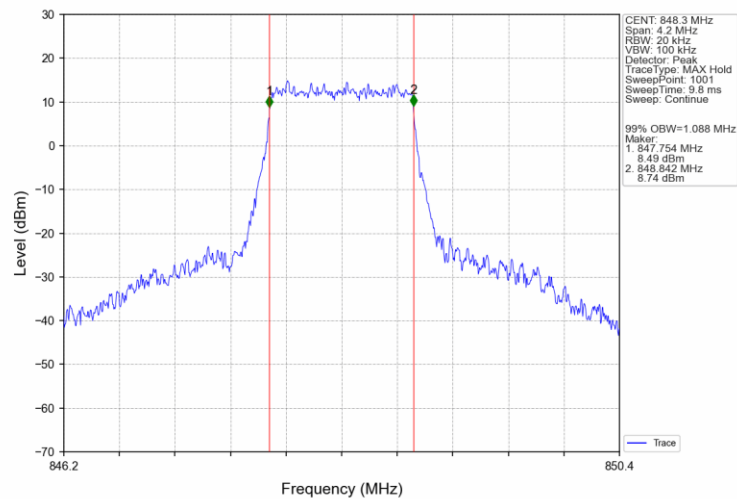
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



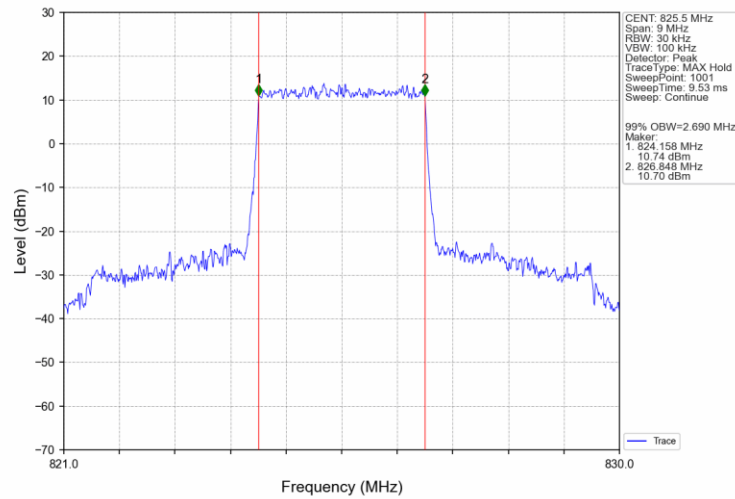
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



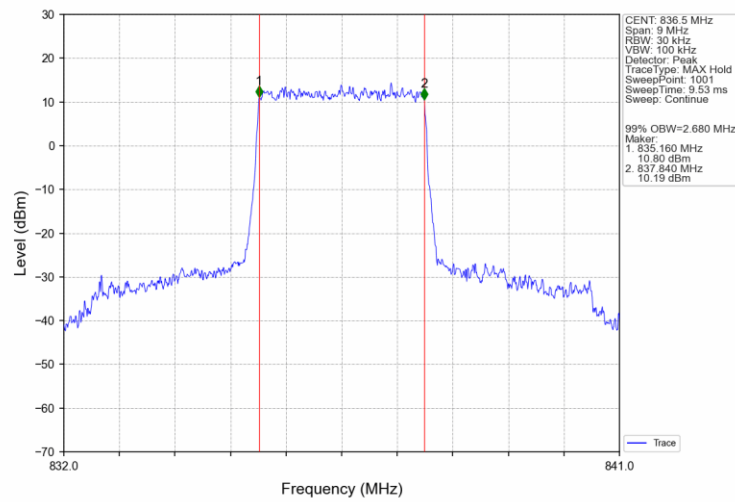
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



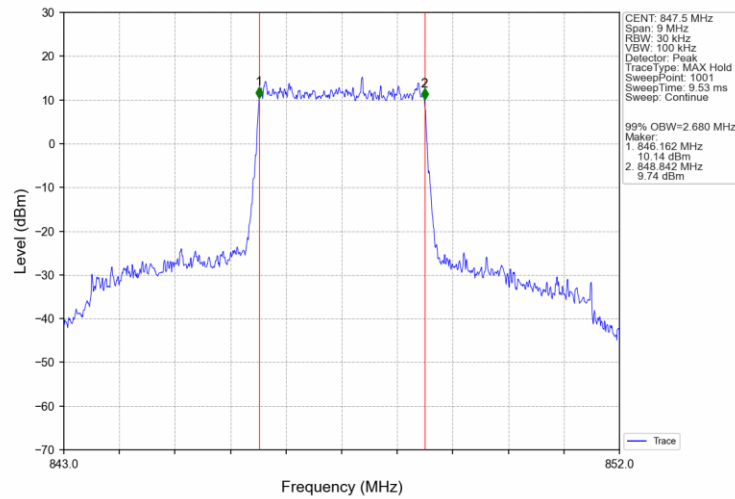
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



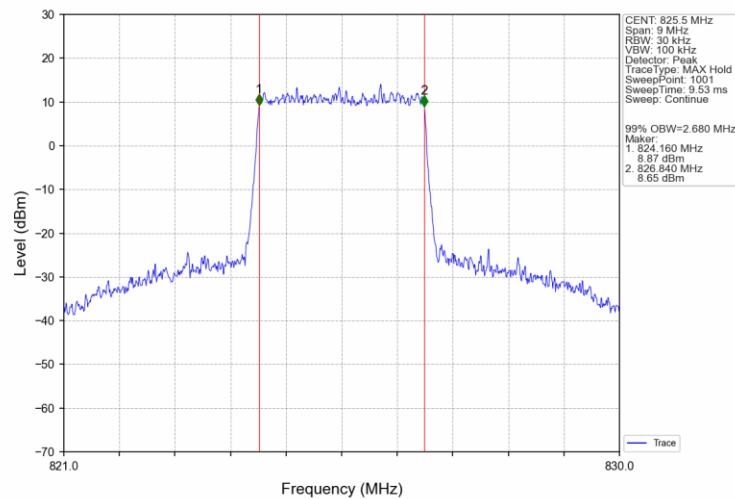
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



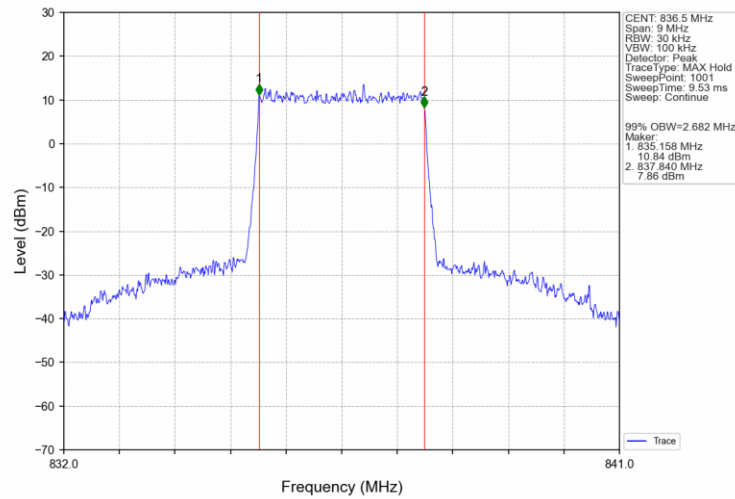
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



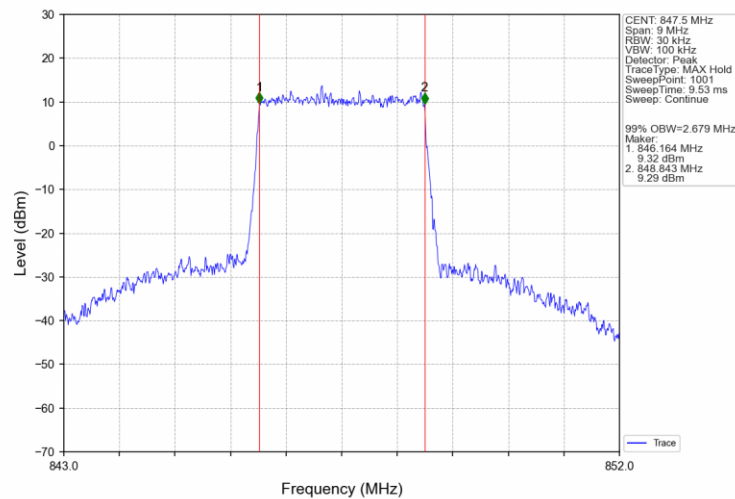
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



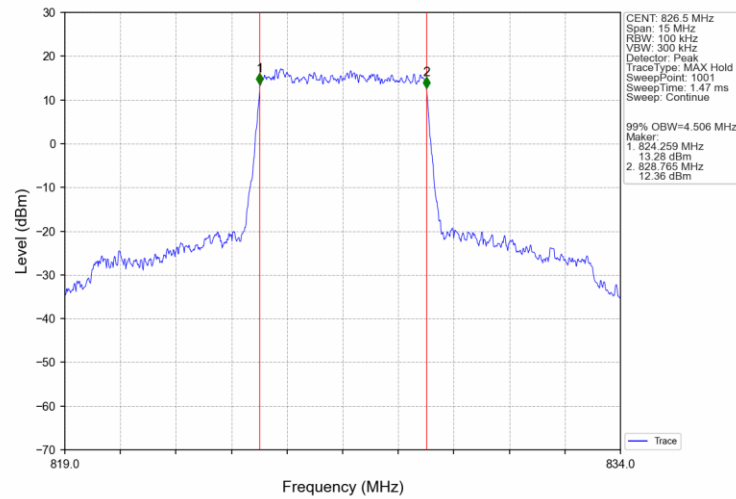
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



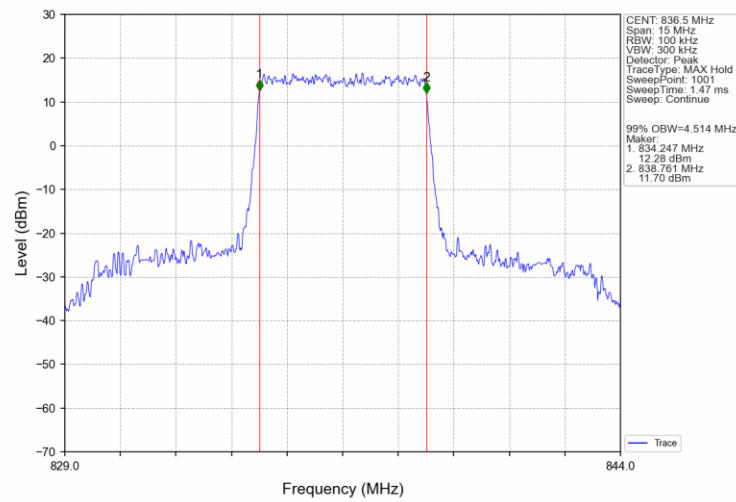
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



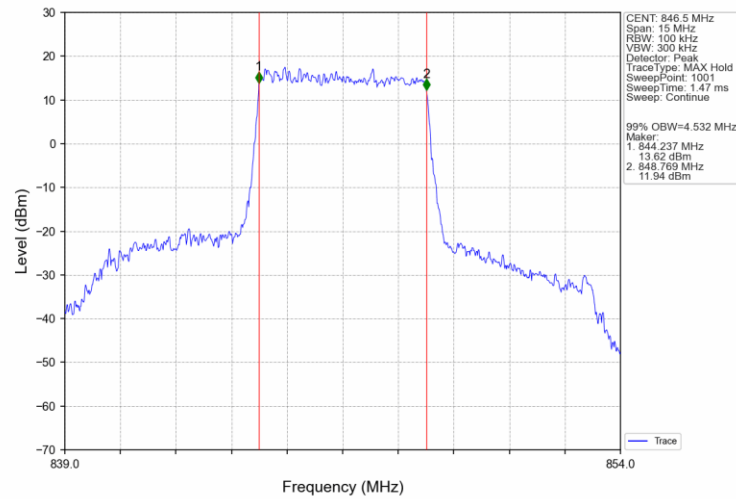
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



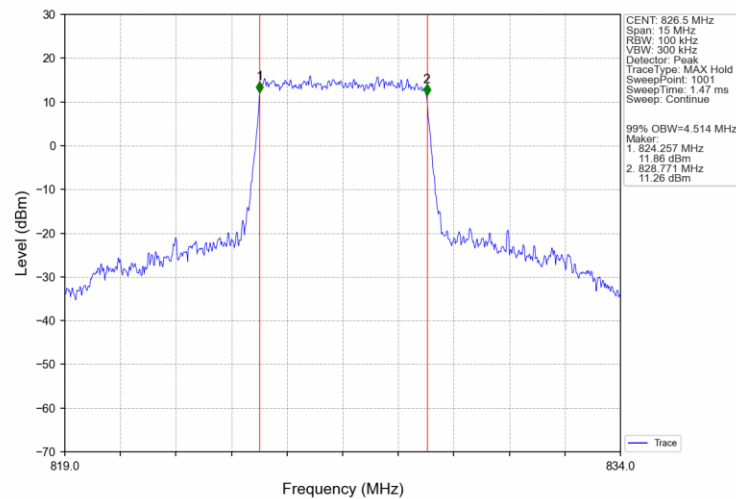
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



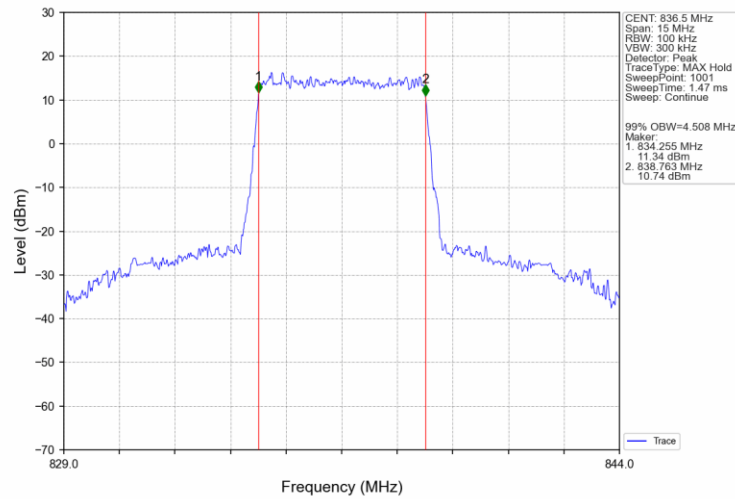
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



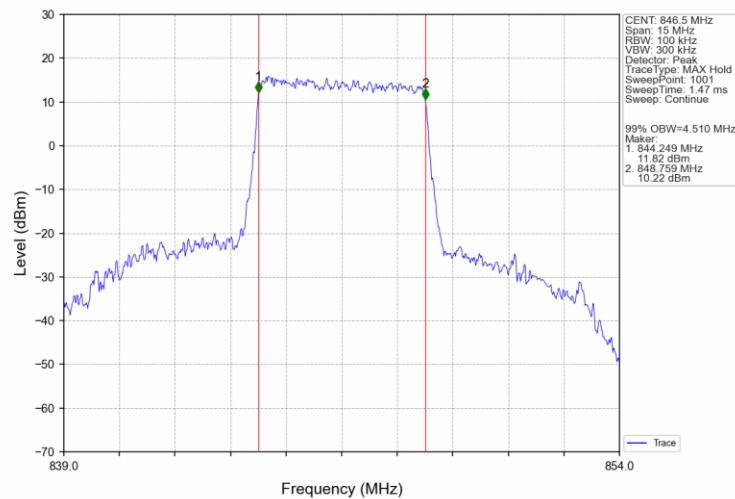
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



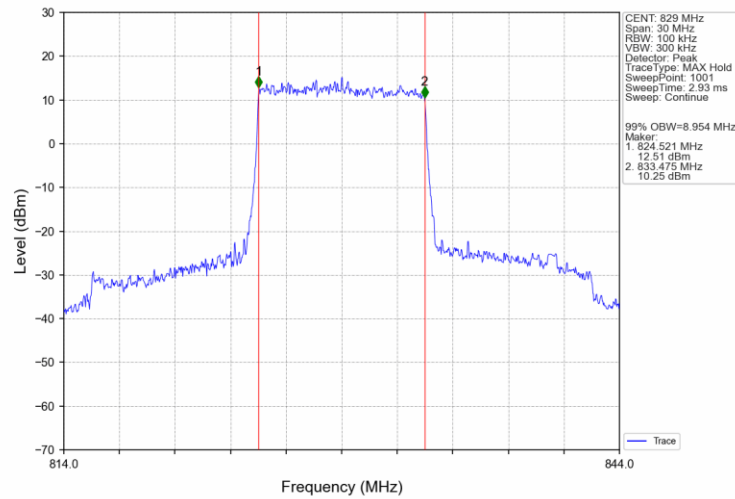
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



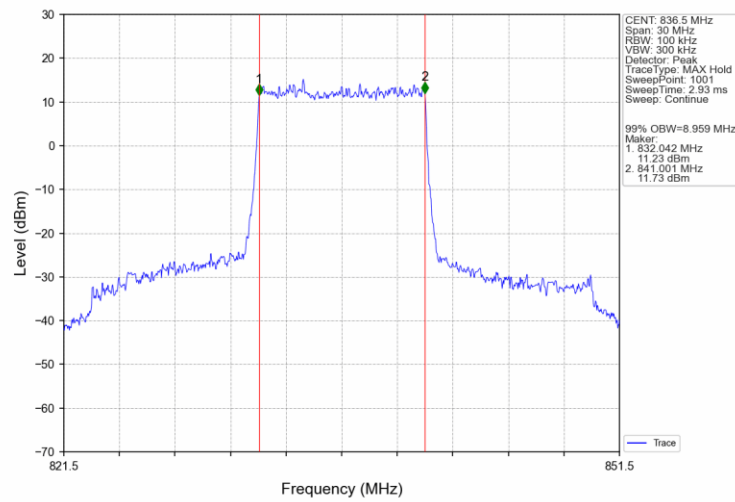
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



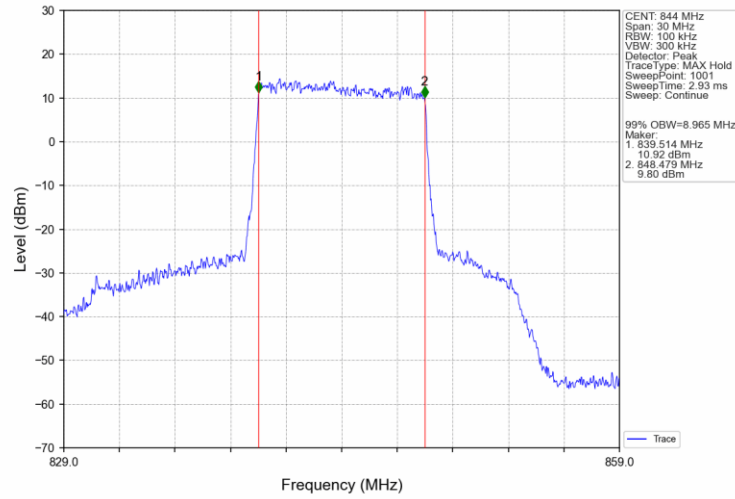
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



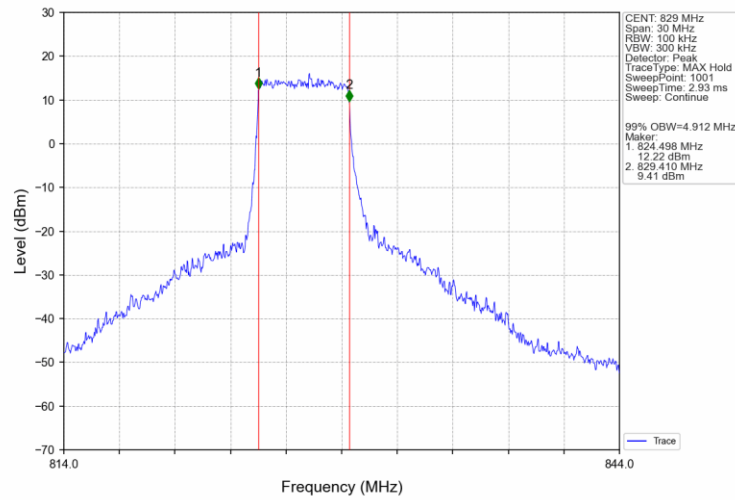
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



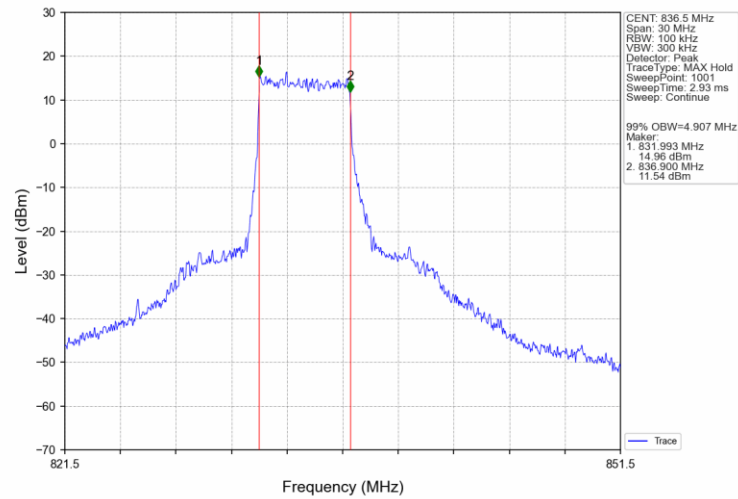
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



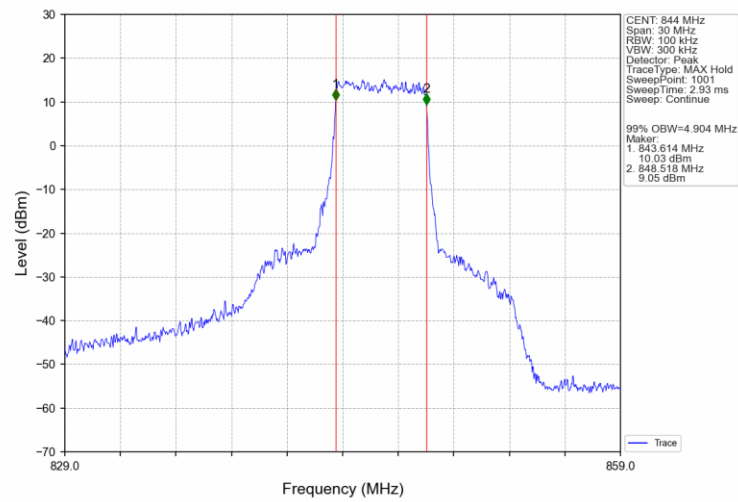
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

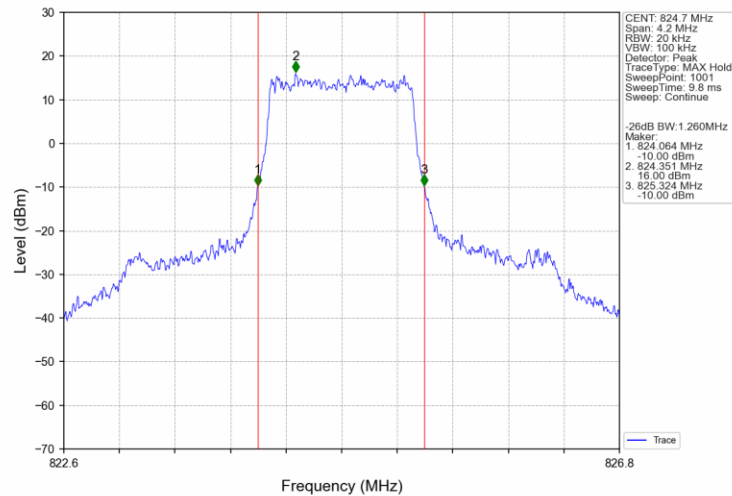


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

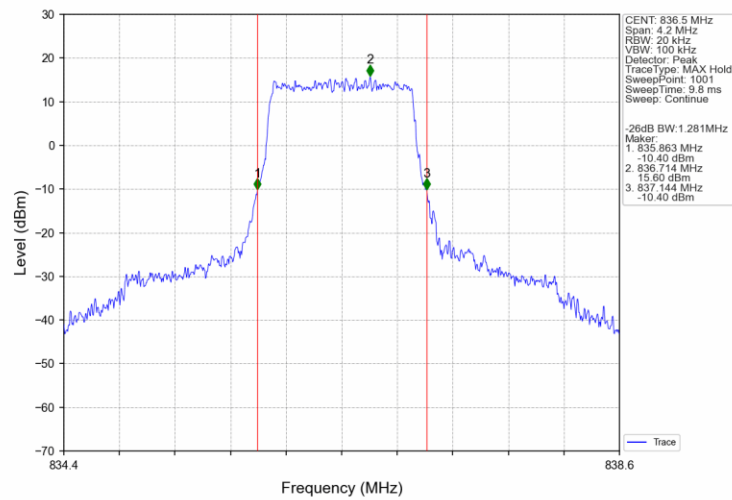


4.2.2 Band5_XDB

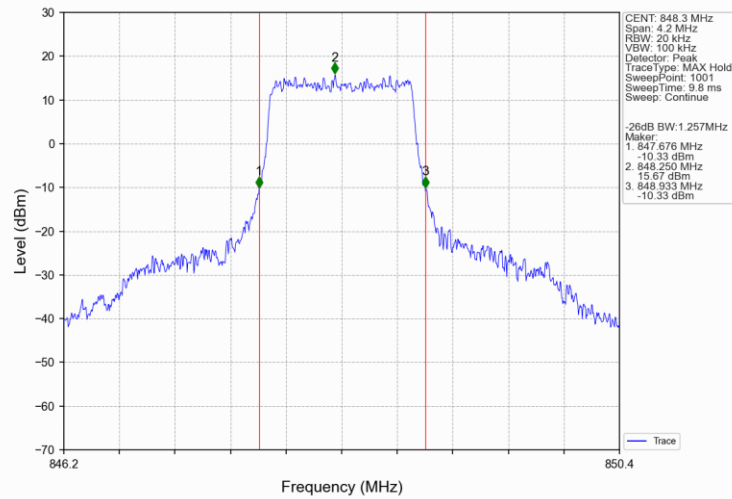
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



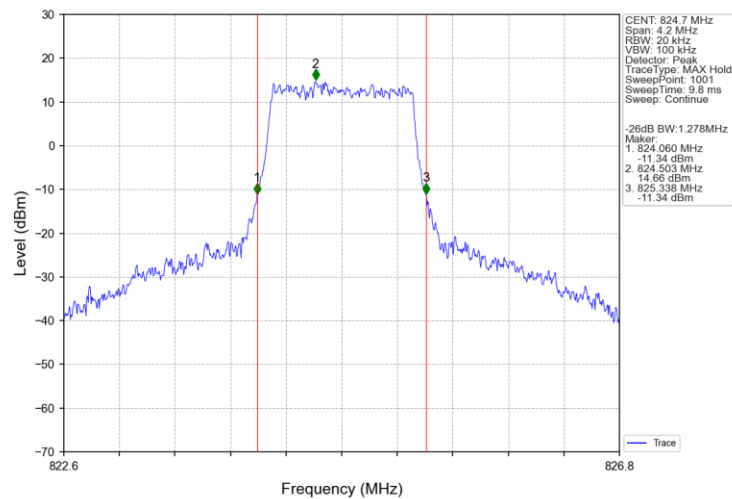
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTN



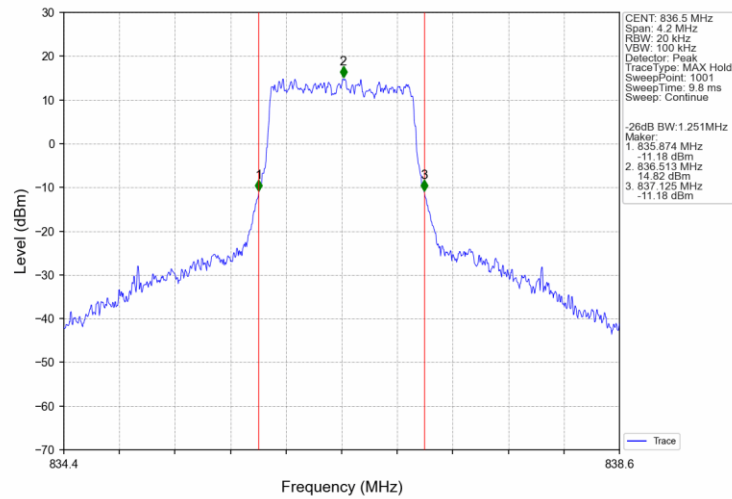
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



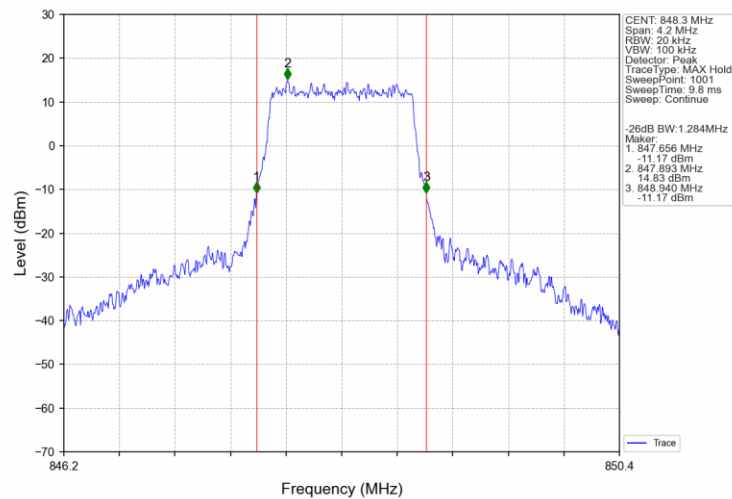
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



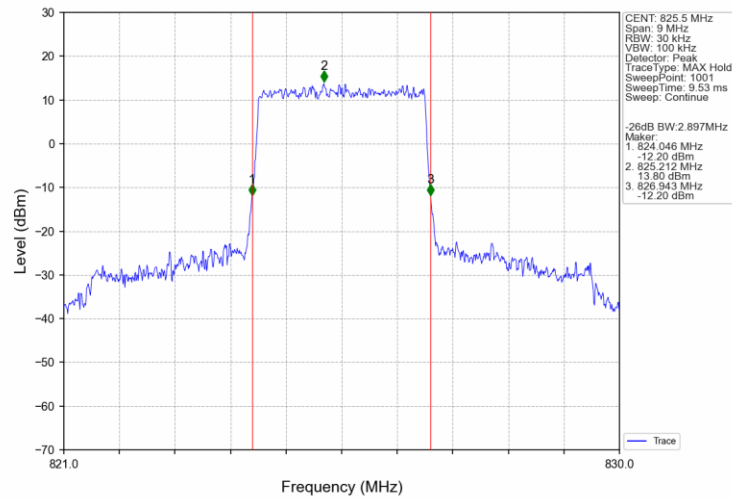
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



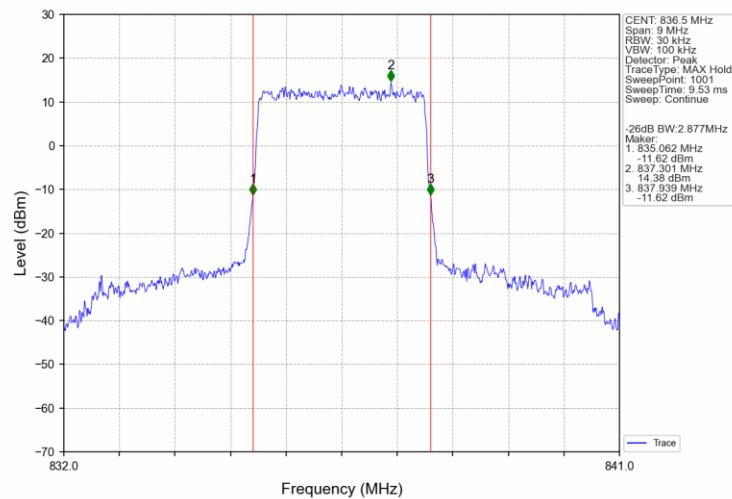
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



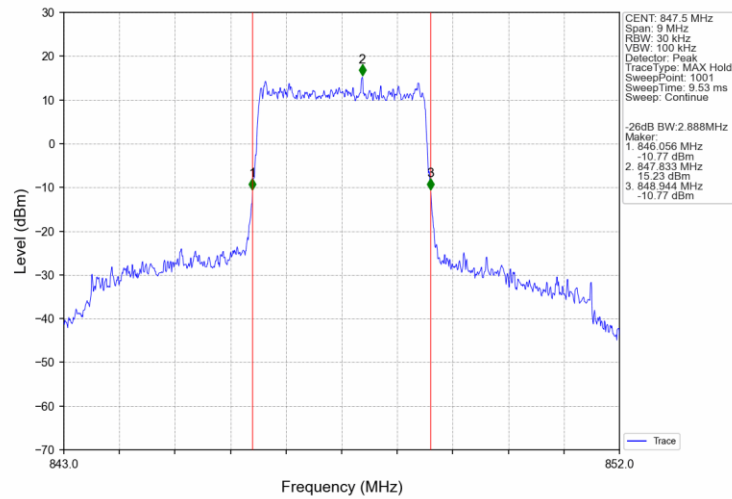
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



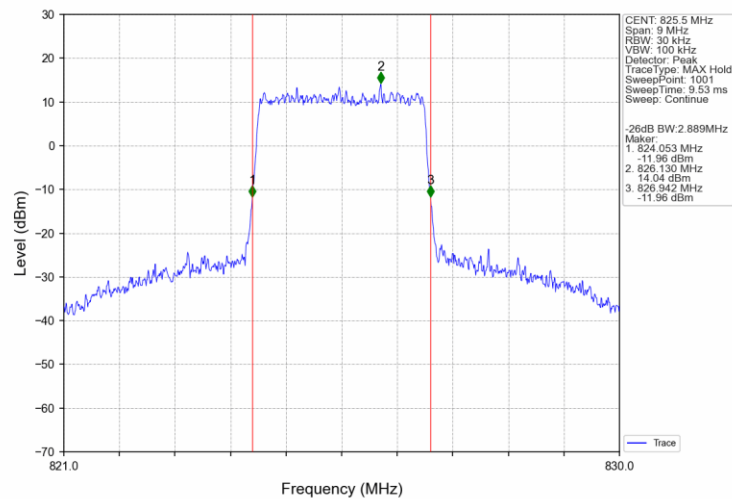
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



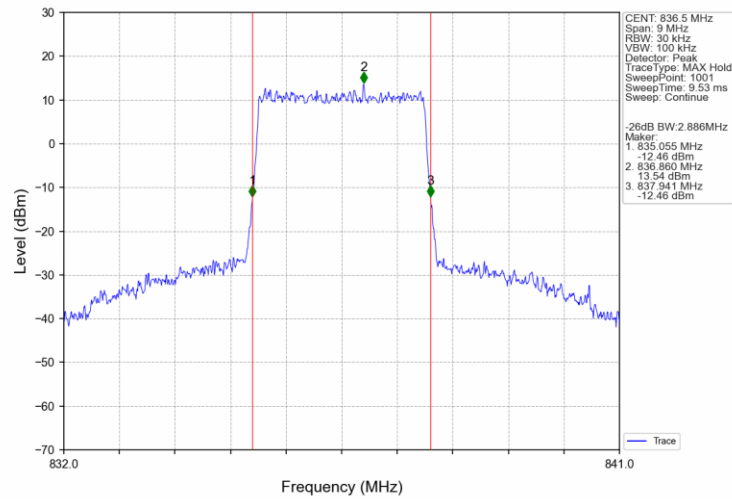
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



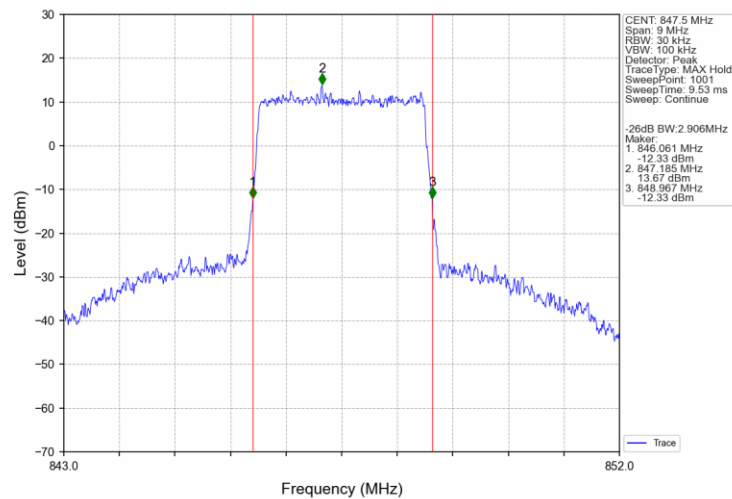
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



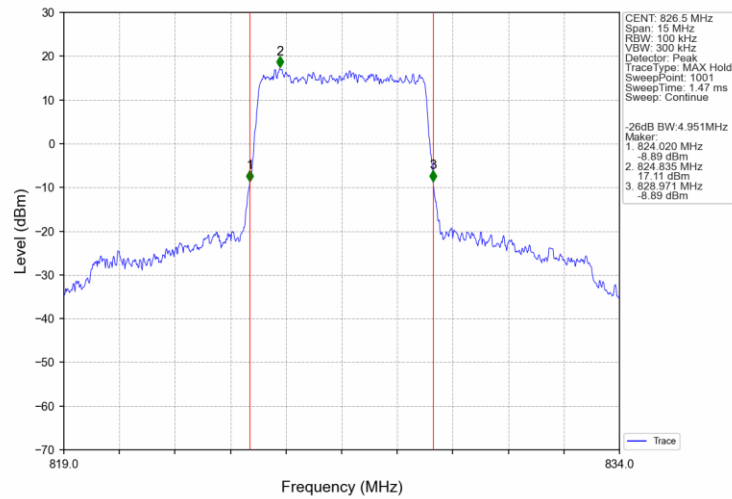
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



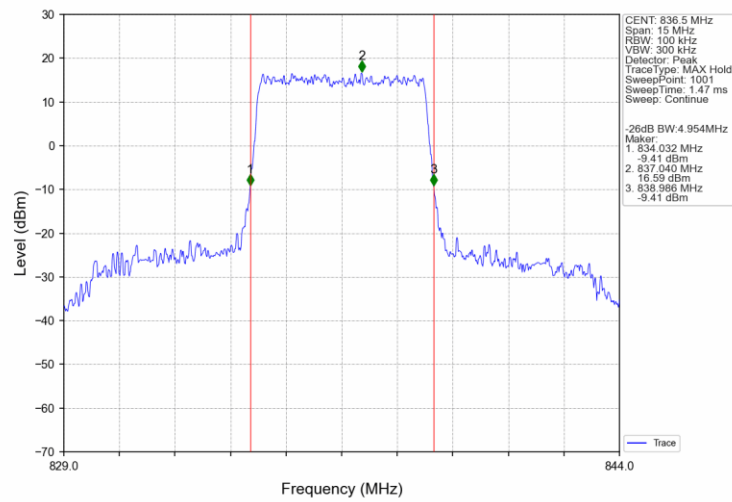
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



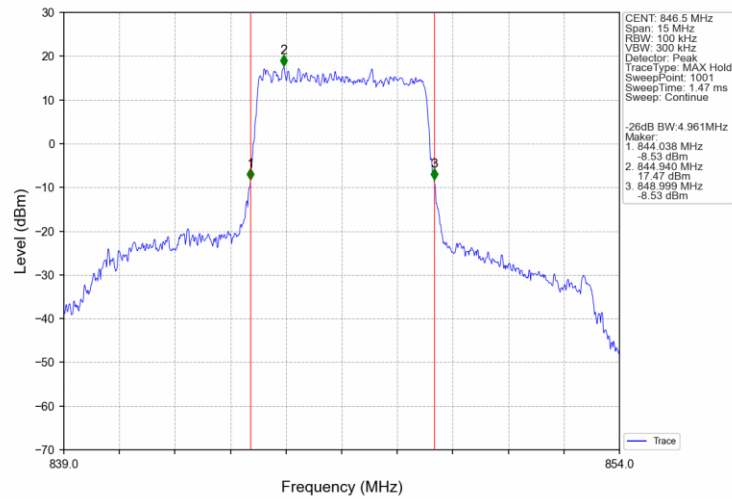
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



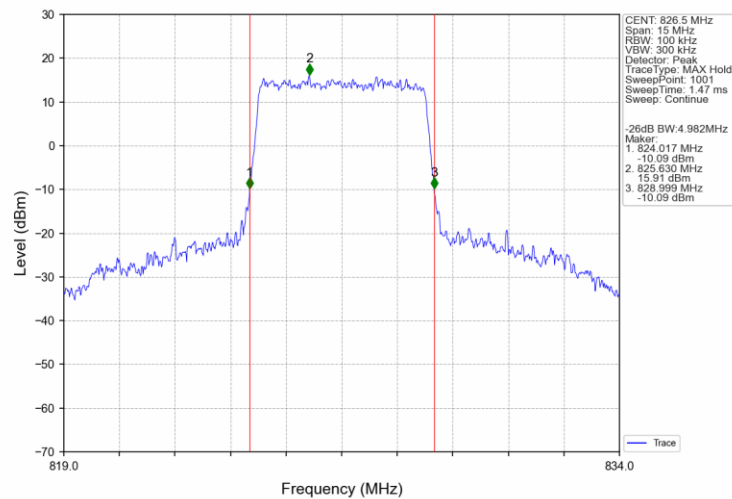
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



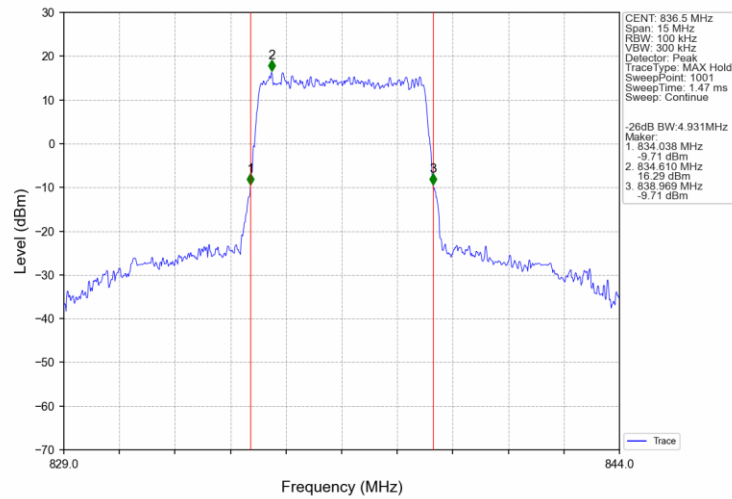
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



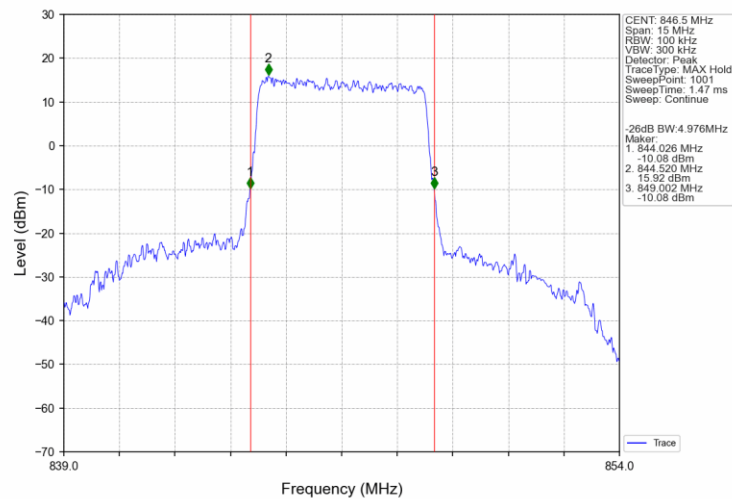
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



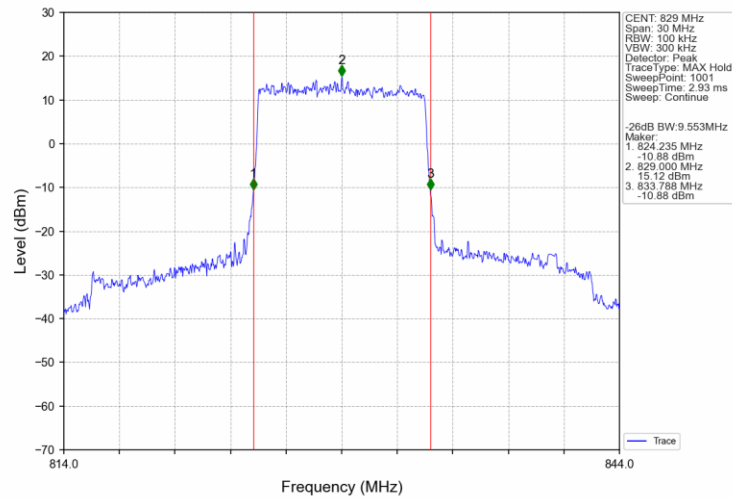
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



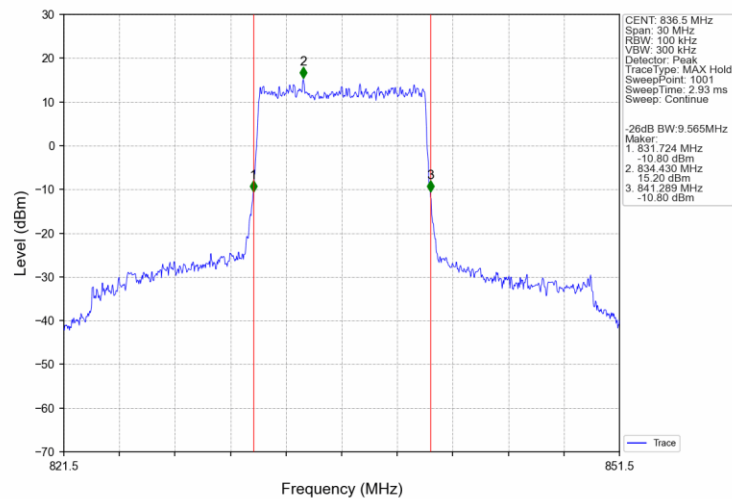
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



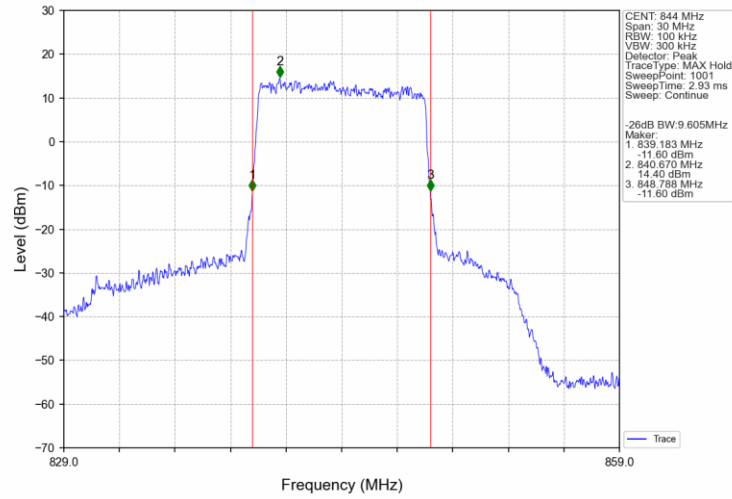
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



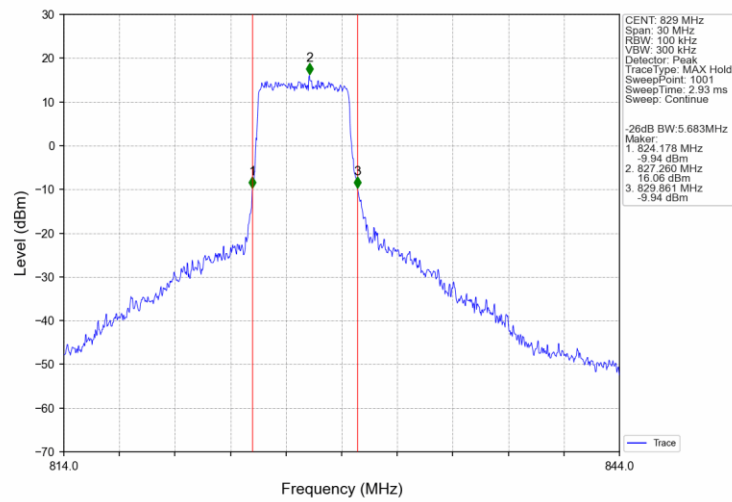
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



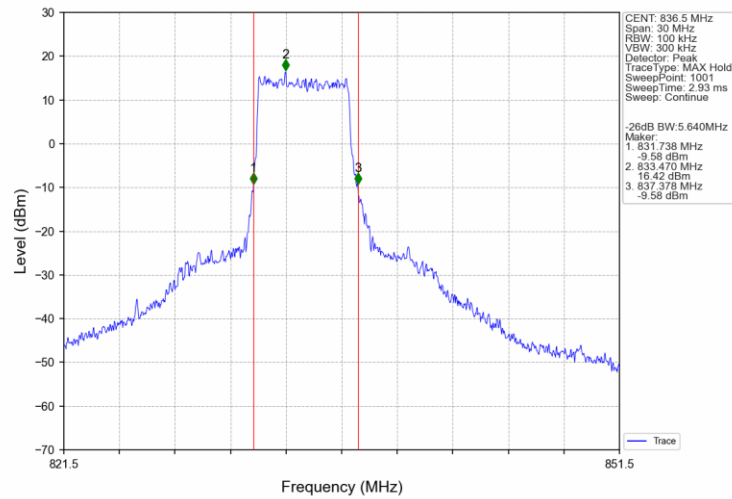
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



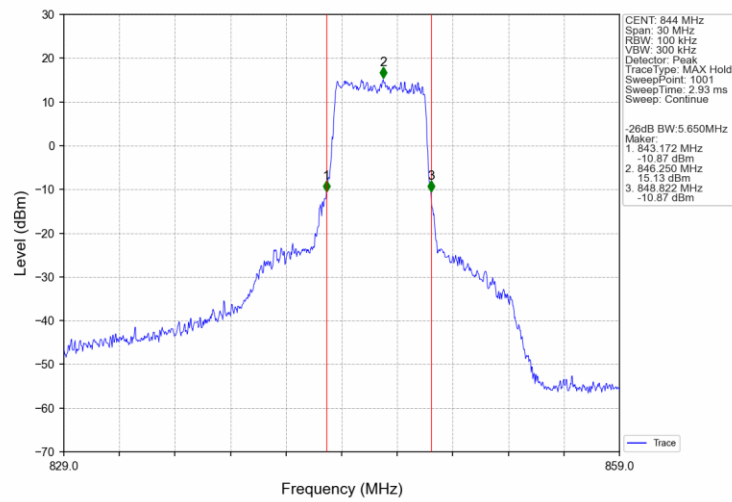
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.75	<=13	Pass
	836.5	6	0	5.32	<=13	Pass
	848.3	6	0	5.00	<=13	Pass
16QAM	824.7	6	0	5.61	<=13	Pass
	836.5	6	0	6.16	<=13	Pass
	848.3	6	0	5.75	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.93	<=13	Pass
	836.5	15	0	5.42	<=13	Pass
	847.5	15	0	5.29	<=13	Pass
16QAM	825.5	15	0	5.72	<=13	Pass
	836.5	15	0	6.28	<=13	Pass
	847.5	15	0	6.09	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.25	<=13	Pass
	836.5	25	0	5.58	<=13	Pass
	846.5	25	0	5.50	<=13	Pass
16QAM	826.5	25	0	5.98	<=13	Pass
	836.5	25	0	6.29	<=13	Pass
	846.5	25	0	6.16	<=13	Pass

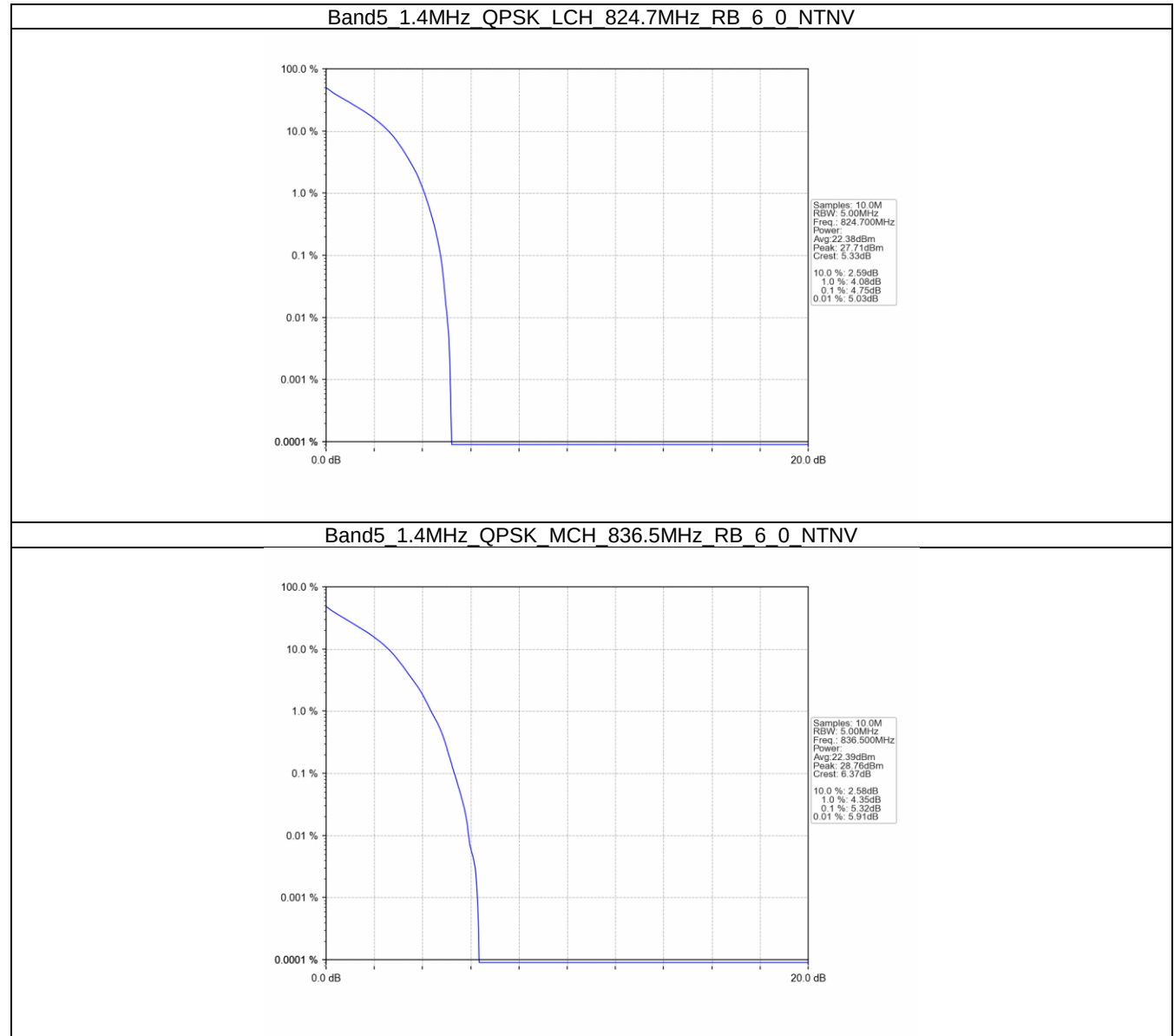
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.30	<=13	Pass
	836.5	50	0	5.48	<=13	Pass
	844	50	0	5.42	<=13	Pass
16QAM	829	27	0	5.81	<=13	Pass
	836.5	27	0	6.24	<=13	Pass
	844	27	23	6.09	<=13	Pass

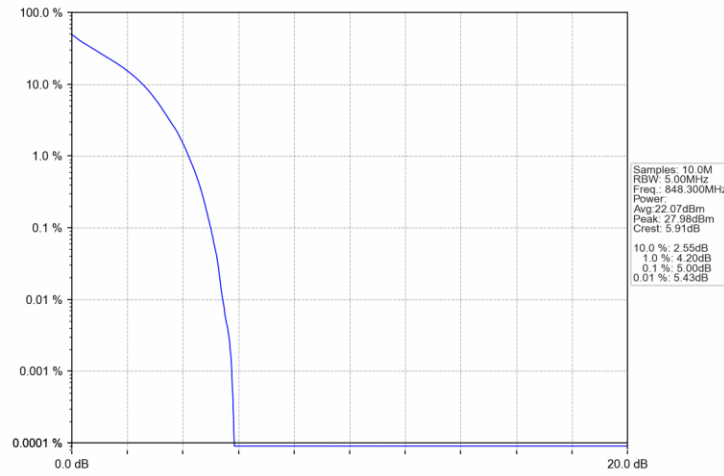


5.2 Test Graph

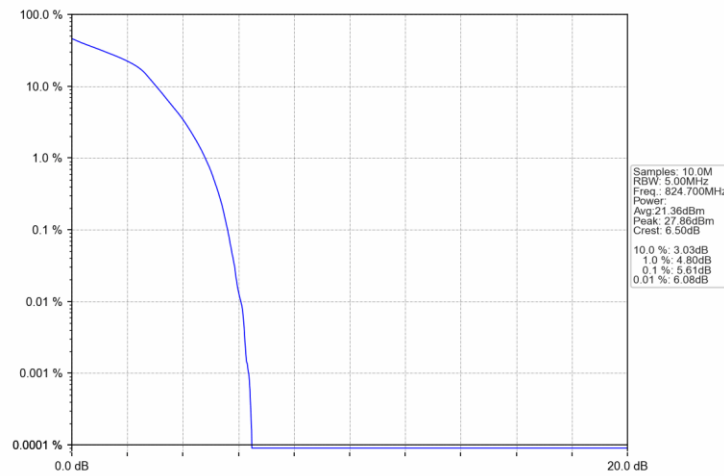
5.2.1 B5_1.4MHz



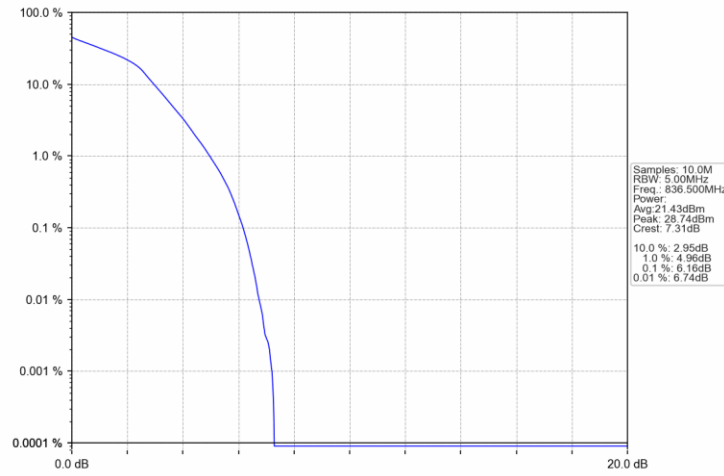
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



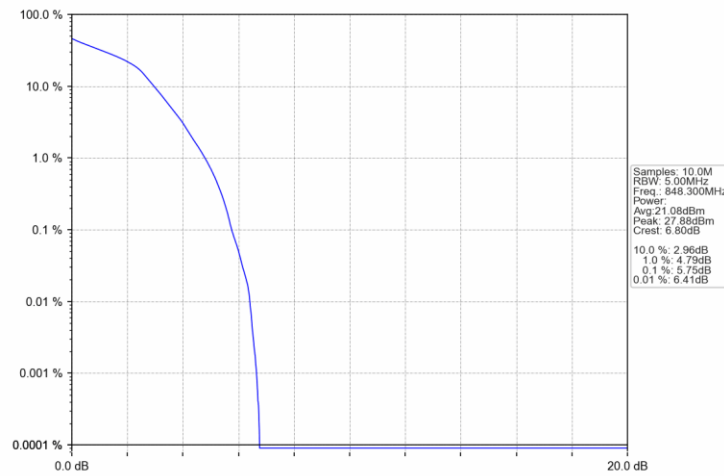
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



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

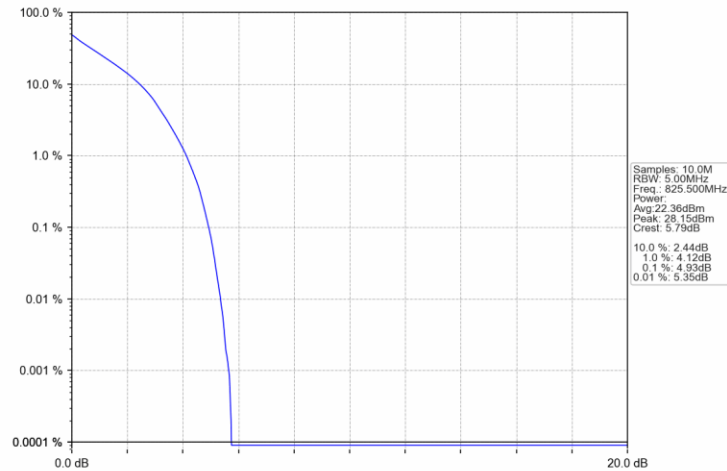


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

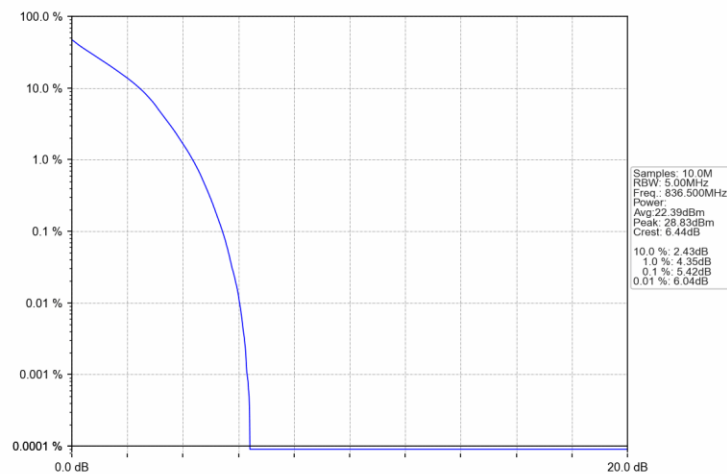


5.2.2 B5_3MHz

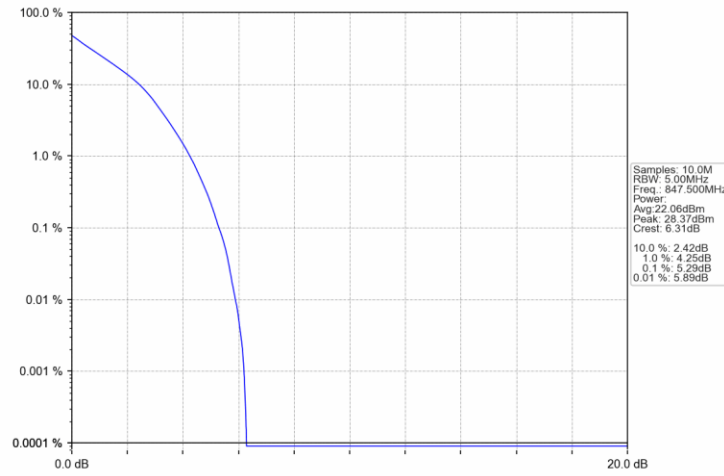
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



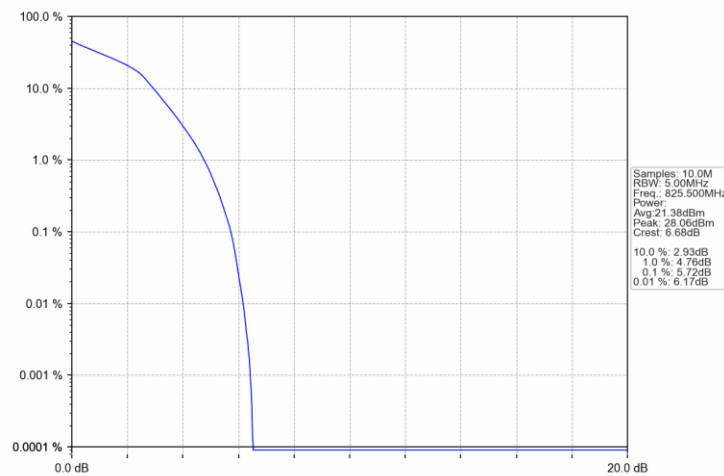
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



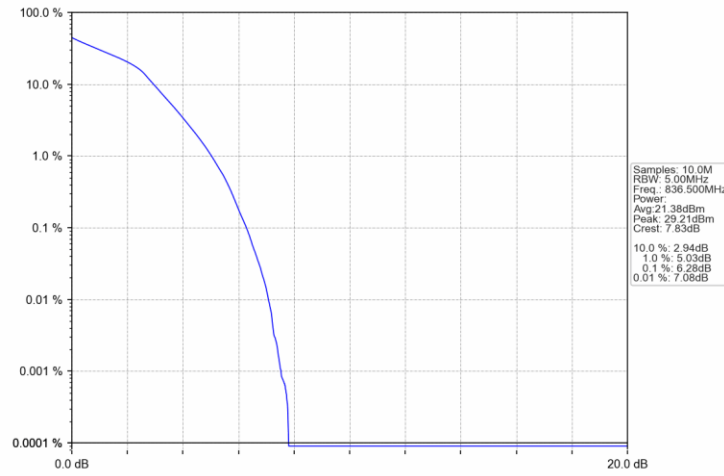
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTV



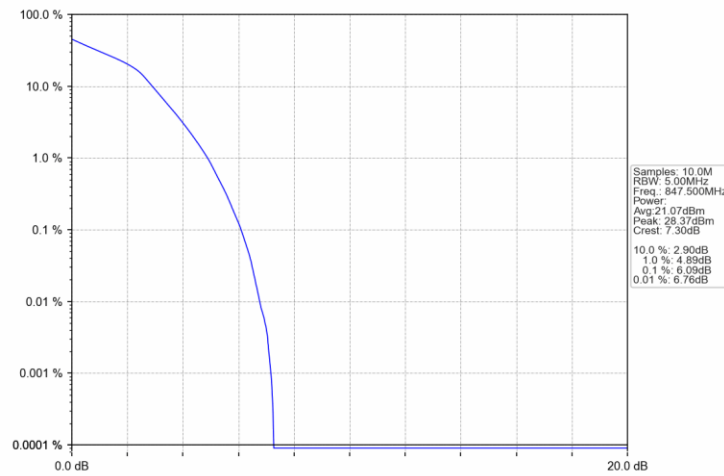
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



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

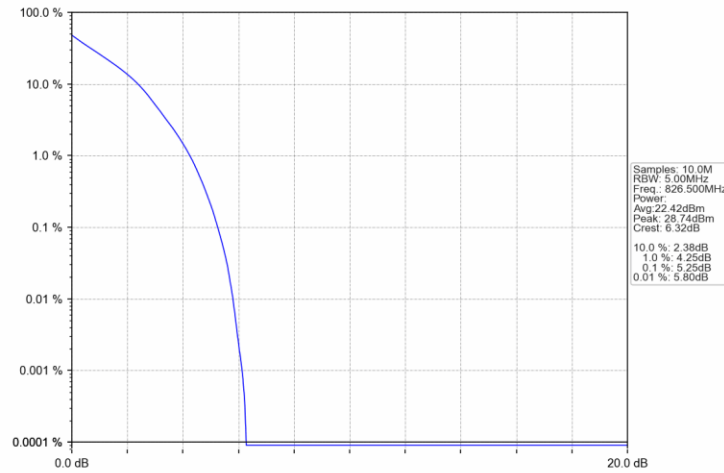


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

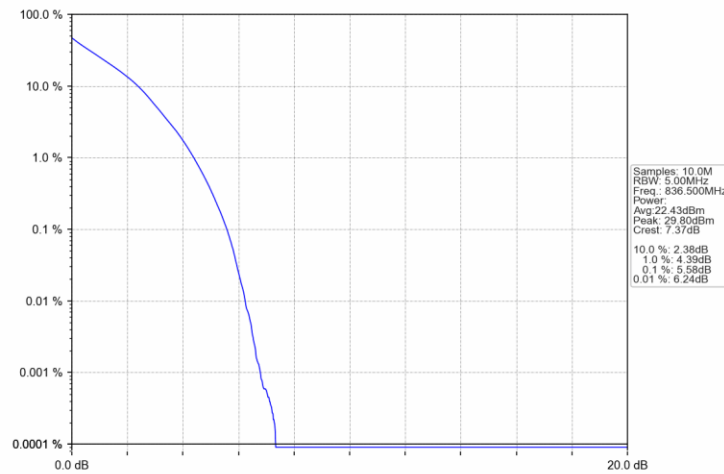


5.2.3 B5_5MHz

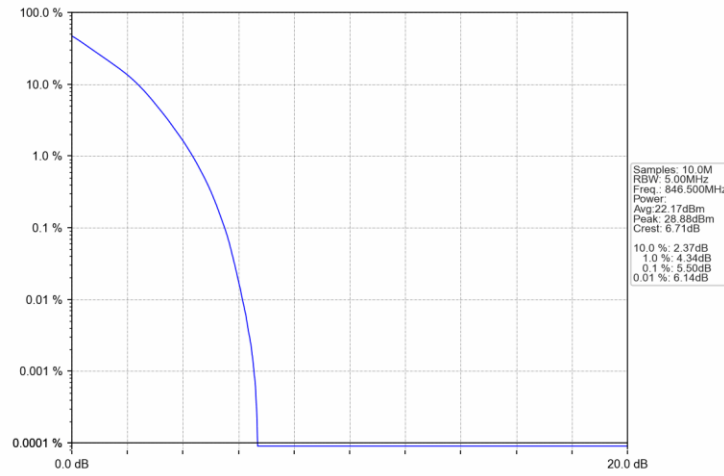
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



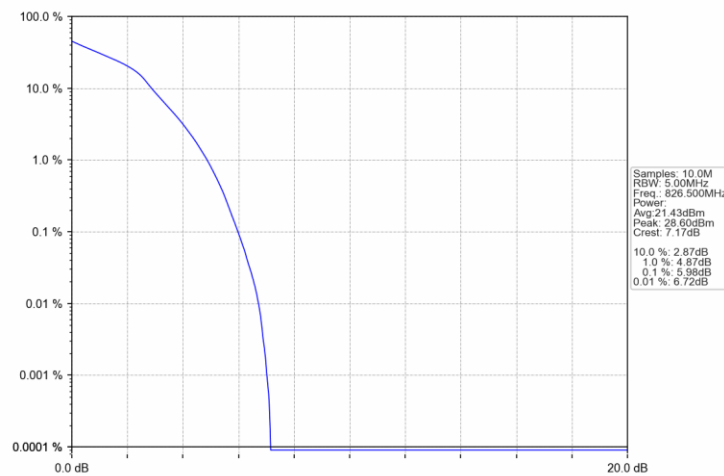
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



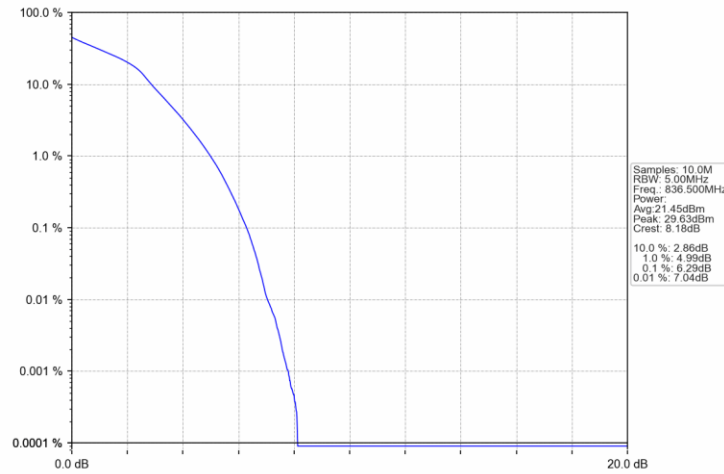
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



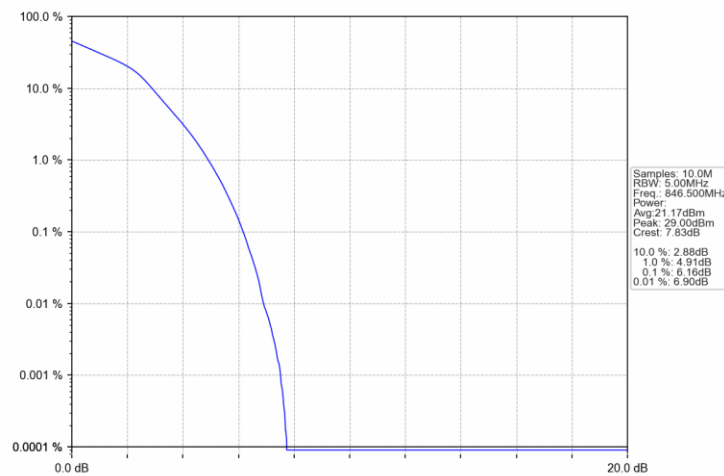
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



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

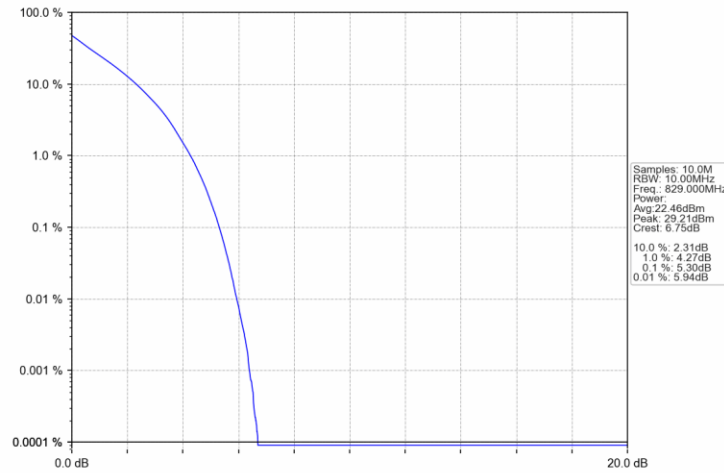


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

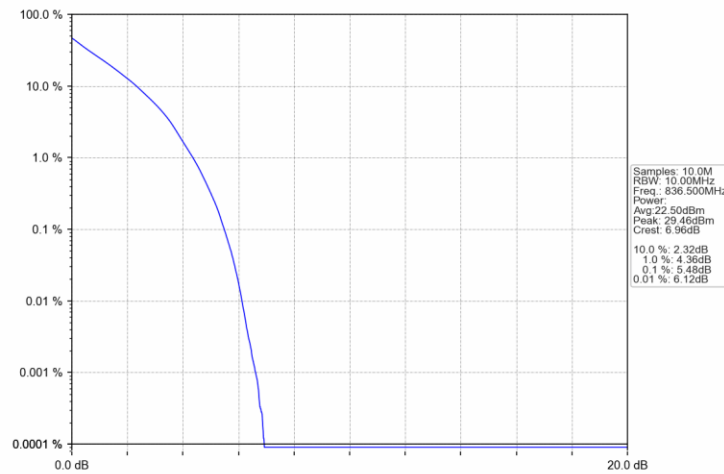


5.2.4 B5_10MHz

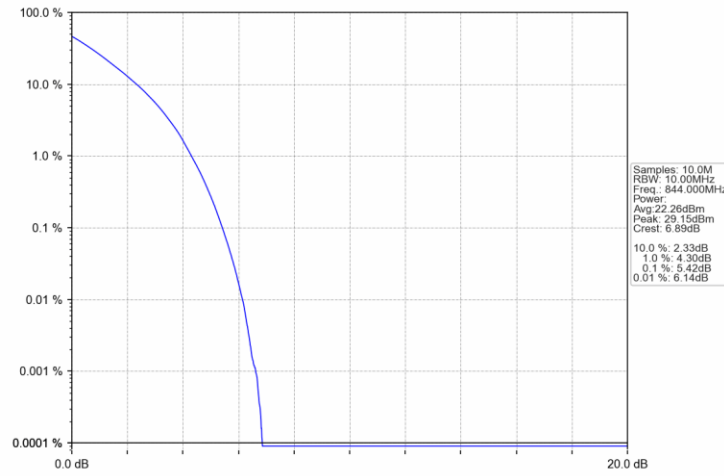
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



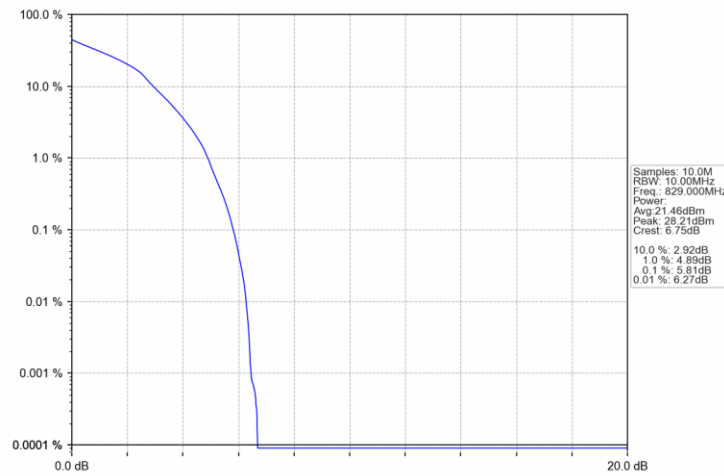
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



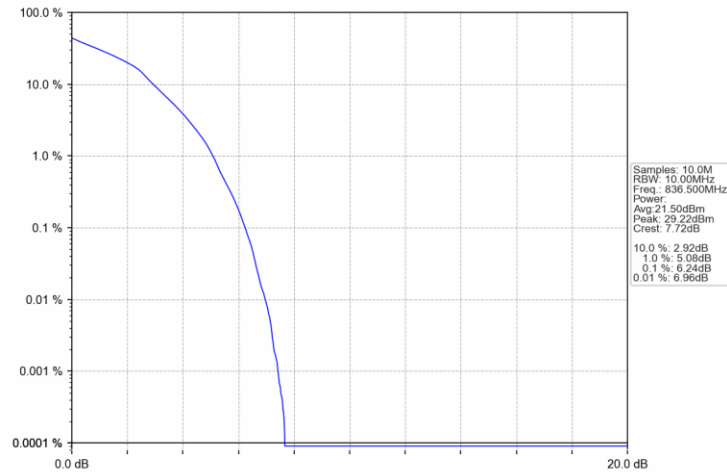
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



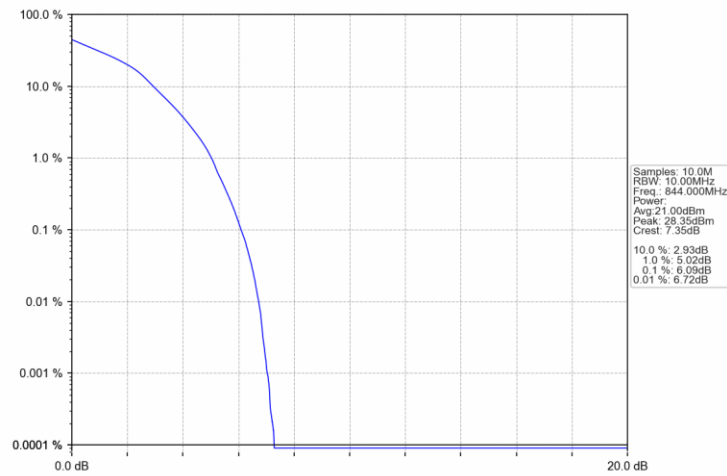
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

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

6.1.2 B5_3MHz

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

6.1.3 B5_5MHz

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

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

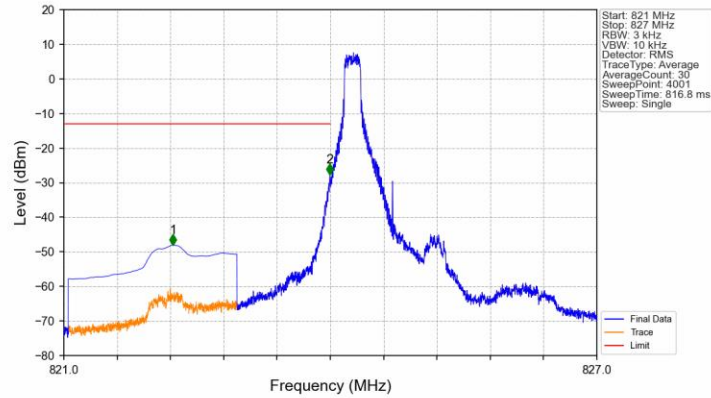
6.1.4 B5_10MHz

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
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 B5_1.4MHz

Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV

