

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	23.86	1.69	23.40	<=38.45	Pass
			2	23.87	1.69	23.41	<=38.45	Pass
			5	23.81	1.69	23.35	<=38.45	Pass
		3	0	23.96	1.69	23.50	<=38.45	Pass
			2	23.97	1.69	23.51	<=38.45	Pass
			3	23.95	1.69	23.49	<=38.45	Pass
		6	0	23.05	1.69	22.59	<=38.45	Pass
	836.5	1	0	23.50	1.69	23.04	<=38.45	Pass
			2	23.47	1.69	23.01	<=38.45	Pass
			5	23.49	1.69	23.03	<=38.45	Pass
		3	0	24.10	1.69	23.64	<=38.45	Pass
			2	24.07	1.69	23.61	<=38.45	Pass
			3	24.06	1.69	23.60	<=38.45	Pass
		6	0	23.07	1.69	22.61	<=38.45	Pass
	848.3	1	0	23.41	1.69	22.95	<=38.45	Pass
			2	23.44	1.69	22.98	<=38.45	Pass
			5	23.45	1.69	22.99	<=38.45	Pass
		3	0	23.95	1.69	23.49	<=38.45	Pass
			2	24.00	1.69	23.54	<=38.45	Pass
			3	24.01	1.69	23.55	<=38.45	Pass
		6	0	22.97	1.69	22.51	<=38.45	Pass
16QAM	824.7	1	0	22.80	1.69	22.34	<=38.45	Pass
			2	23.00	1.69	22.54	<=38.45	Pass
			5	22.77	1.69	22.31	<=38.45	Pass
		3	0	22.93	1.69	22.47	<=38.45	Pass
			2	22.95	1.69	22.49	<=38.45	Pass
			3	22.93	1.69	22.47	<=38.45	Pass
		6	0	22.04	1.69	21.58	<=38.45	Pass
	836.5	1	0	22.56	1.69	22.10	<=38.45	Pass
			2	22.56	1.69	22.10	<=38.45	Pass
			5	22.56	1.69	22.10	<=38.45	Pass
		3	0	23.23	1.69	22.77	<=38.45	Pass
			2	23.23	1.69	22.77	<=38.45	Pass
			3	23.23	1.69	22.77	<=38.45	Pass
		6	0	22.08	1.69	21.62	<=38.45	Pass
	848.3	1	0	22.45	1.69	21.99	<=38.45	Pass
			2	22.46	1.69	22.00	<=38.45	Pass
			5	22.52	1.69	22.06	<=38.45	Pass
		3	0	22.97	1.69	22.51	<=38.45	Pass
			2	23.00	1.69	22.54	<=38.45	Pass
			3	22.99	1.69	22.53	<=38.45	Pass
		6	0	21.85	1.69	21.39	<=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	23.49	1.69	23.03	<=38.45	Pass
			7	23.43	1.69	22.97	<=38.45	Pass
			14	23.47	1.69	23.01	<=38.45	Pass
		8	0	22.97	1.69	22.51	<=38.45	Pass
			4	22.91	1.69	22.45	<=38.45	Pass
			7	22.99	1.69	22.53	<=38.45	Pass
		15	0	22.96	1.69	22.50	<=38.45	Pass
	836.5	1	0	23.52	1.69	23.06	<=38.45	Pass
			7	23.52	1.69	23.06	<=38.45	Pass
			14	23.50	1.69	23.04	<=38.45	Pass
		8	0	23.03	1.69	22.57	<=38.45	Pass
			4	23.07	1.69	22.61	<=38.45	Pass
			7	23.08	1.69	22.62	<=38.45	Pass
		15	0	23.07	1.69	22.61	<=38.45	Pass
	847.5	1	0	23.56	1.69	23.10	<=38.45	Pass
			7	23.47	1.69	23.01	<=38.45	Pass
			14	23.46	1.69	23.00	<=38.45	Pass
		8	0	22.90	1.69	22.44	<=38.45	Pass
			4	22.90	1.69	22.44	<=38.45	Pass
			7	22.90	1.69	22.44	<=38.45	Pass
		15	0	22.93	1.69	22.47	<=38.45	Pass
16QAM	825.5	1	0	22.53	1.69	22.07	<=38.45	Pass
			7	22.49	1.69	22.03	<=38.45	Pass
			14	22.55	1.69	22.09	<=38.45	Pass
		8	0	22.04	1.69	21.58	<=38.45	Pass
			4	22.03	1.69	21.57	<=38.45	Pass
			7	22.08	1.69	21.62	<=38.45	Pass
		15	0	22.05	1.69	21.59	<=38.45	Pass
	836.5	1	0	22.74	1.69	22.28	<=38.45	Pass
			7	22.79	1.69	22.33	<=38.45	Pass
			14	22.71	1.69	22.25	<=38.45	Pass
		8	0	22.01	1.69	21.55	<=38.45	Pass
			4	22.04	1.69	21.58	<=38.45	Pass
			7	22.05	1.69	21.59	<=38.45	Pass
		15	0	22.05	1.69	21.59	<=38.45	Pass
	847.5	1	0	23.11	1.69	22.65	<=38.45	Pass
			7	22.98	1.69	22.52	<=38.45	Pass
			14	22.92	1.69	22.46	<=38.45	Pass
		8	0	22.14	1.69	21.68	<=38.45	Pass
			4	22.12	1.69	21.66	<=38.45	Pass
			7	22.11	1.69	21.65	<=38.45	Pass
		15	0	22.03	1.69	21.57	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.51	1.69	23.05	<=38.45	Pass
			13	23.47	1.69	23.01	<=38.45	Pass
			24	23.55	1.69	23.09	<=38.45	Pass
		12	0	22.98	1.69	22.52	<=38.45	Pass
			6	22.95	1.69	22.49	<=38.45	Pass
			13	22.91	1.69	22.45	<=38.45	Pass
		25	0	22.94	1.69	22.48	<=38.45	Pass
	836.5	1	0	23.52	1.69	23.06	<=38.45	Pass
			13	23.50	1.69	23.04	<=38.45	Pass

		12	24	23.52	1.69	23.06	<=38.45	Pass	
			0	23.07	1.69	22.61	<=38.45	Pass	
			6	23.07	1.69	22.61	<=38.45	Pass	
			13	23.04	1.69	22.58	<=38.45	Pass	
		25	0	23.08	1.69	22.62	<=38.45	Pass	
	846.5	1	0	23.60	1.69	23.14	<=38.45	Pass	
			13	23.52	1.69	23.06	<=38.45	Pass	
			24	23.61	1.69	23.15	<=38.45	Pass	
		12	0	23.04	1.69	22.58	<=38.45	Pass	
			6	22.92	1.69	22.46	<=38.45	Pass	
			13	22.92	1.69	22.46	<=38.45	Pass	
		25	0	22.99	1.69	22.53	<=38.45	Pass	
		16QAM	826.5	1	0	22.55	1.69	22.09	<=38.45
	13				22.53	1.69	22.07	<=38.45	Pass
	24				22.60	1.69	22.14	<=38.45	Pass
12	0			21.94	1.69	21.48	<=38.45	Pass	
	6			21.95	1.69	21.49	<=38.45	Pass	
	13			21.88	1.69	21.42	<=38.45	Pass	
25	0		21.99	1.69	21.53	<=38.45	Pass		
836.5	1		0	22.81	1.69	22.35	<=38.45	Pass	
			13	22.82	1.69	22.36	<=38.45	Pass	
			24	22.81	1.69	22.35	<=38.45	Pass	
	12		0	22.12	1.69	21.66	<=38.45	Pass	
			6	22.08	1.69	21.62	<=38.45	Pass	
			13	22.05	1.69	21.59	<=38.45	Pass	
25	0		22.07	1.69	21.61	<=38.45	Pass		
846.5	1		0	22.32	1.69	21.86	<=38.45	Pass	
		13	22.27	1.69	21.81	<=38.45	Pass		
		24	22.35	1.69	21.89	<=38.45	Pass		
	12	0	22.01	1.69	21.55	<=38.45	Pass		
		6	21.94	1.69	21.48	<=38.45	Pass		
		13	21.94	1.69	21.48	<=38.45	Pass		
25	0	22.02	1.69	21.56	<=38.45	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15									

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.44	1.69	22.98	<=38.45	Pass
			25	23.53	1.69	23.07	<=38.45	Pass
			49	23.56	1.69	23.10	<=38.45	Pass
		25	0	23.05	1.69	22.59	<=38.45	Pass
			13	23.02	1.69	22.56	<=38.45	Pass
			25	22.99	1.69	22.53	<=38.45	Pass
		50	0	23.04	1.69	22.58	<=38.45	Pass
	836.5	1	0	23.51	1.69	23.05	<=38.45	Pass
			25	23.55	1.69	23.09	<=38.45	Pass
			49	23.48	1.69	23.02	<=38.45	Pass
		25	0	23.07	1.69	22.61	<=38.45	Pass
			13	23.04	1.69	22.58	<=38.45	Pass
			25	23.06	1.69	22.60	<=38.45	Pass
		50	0	23.14	1.69	22.68	<=38.45	Pass
	844	1	0	23.56	1.69	23.10	<=38.45	Pass
			25	23.49	1.69	23.03	<=38.45	Pass
			49	23.50	1.69	23.04	<=38.45	Pass
		25	0	23.10	1.69	22.64	<=38.45	Pass

16QAM		50	13	22.97	1.69	22.51	<=38.45	Pass
			25	22.91	1.69	22.45	<=38.45	Pass
			0	23.03	1.69	22.57	<=38.45	Pass
	829	1	0	22.44	1.69	21.98	<=38.45	Pass
			25	22.54	1.69	22.08	<=38.45	Pass
			49	22.57	1.69	22.11	<=38.45	Pass
		12	0	23.02	1.69	22.56	<=38.45	Pass
			19	23.07	1.69	22.61	<=38.45	Pass
			38	23.09	1.69	22.63	<=38.45	Pass
		27	0	22.02	1.69	21.56	<=38.45	Pass
	836.5	1	0	22.72	1.69	22.26	<=38.45	Pass
			25	22.75	1.69	22.29	<=38.45	Pass
			49	22.63	1.69	22.17	<=38.45	Pass
		12	0	23.10	1.69	22.64	<=38.45	Pass
			19	23.07	1.69	22.61	<=38.45	Pass
			38	23.11	1.69	22.65	<=38.45	Pass
		27	0	22.14	1.69	21.68	<=38.45	Pass
	844	1	0	23.05	1.69	22.59	<=38.45	Pass
			25	22.98	1.69	22.52	<=38.45	Pass
			49	22.98	1.69	22.52	<=38.45	Pass
		12	0	23.08	1.69	22.62	<=38.45	Pass
			19	23.04	1.69	22.58	<=38.45	Pass
			38	23.02	1.69	22.56	<=38.45	Pass
		27	23	21.80	1.69	21.34	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.15	-0.157	-0.0002	-2.5 to 2.5	Pass
					3.70	-3.233	-0.0039	-2.5 to 2.5	Pass
					4.26	3.591	0.0044	-2.5 to 2.5	Pass
				-30	3.70	-2.961	-0.0036	-2.5 to 2.5	Pass
				-20	3.70	3.691	0.0045	-2.5 to 2.5	Pass
				-10	3.70	-1.073	-0.0013	-2.5 to 2.5	Pass
				0	3.70	-3.133	-0.0038	-2.5 to 2.5	Pass
				10	3.70	1.717	0.0021	-2.5 to 2.5	Pass
				30	3.70	-2.332	-0.0028	-2.5 to 2.5	Pass
				40	3.70	-1.173	-0.0014	-2.5 to 2.5	Pass
				50	3.70	0.472	0.0006	-2.5 to 2.5	Pass
	836.5	6	0	20	3.15	-6.351	-0.0076	-2.5 to 2.5	Pass
					3.70	-2.418	-0.0029	-2.5 to 2.5	Pass
					4.26	2.060	0.0025	-2.5 to 2.5	Pass
				-30	3.70	-4.478	-0.0054	-2.5 to 2.5	Pass
				-20	3.70	-0.916	-0.0011	-2.5 to 2.5	Pass
				-10	3.70	0.086	0.0001	-2.5 to 2.5	Pass
				0	3.70	-0.801	-0.0010	-2.5 to 2.5	Pass
				10	3.70	-0.215	-0.0003	-2.5 to 2.5	Pass
				30	3.70	1.802	0.0022	-2.5 to 2.5	Pass
				40	3.70	1.574	0.0019	-2.5 to 2.5	Pass

	848.3	6	0	50	3.70	-0.300	-0.0004	-2.5 to 2.5	Pass
				20	3.15	1.817	0.0021	-2.5 to 2.5	Pass
					3.70	2.375	0.0028	-2.5 to 2.5	Pass
					4.26	2.160	0.0025	-2.5 to 2.5	Pass
				-30	3.70	0.358	0.0004	-2.5 to 2.5	Pass
				-20	3.70	-2.260	-0.0027	-2.5 to 2.5	Pass
				-10	3.70	5.565	0.0066	-2.5 to 2.5	Pass
				0	3.70	3.018	0.0036	-2.5 to 2.5	Pass
				10	3.70	0.114	0.0001	-2.5 to 2.5	Pass
				30	3.70	-2.332	-0.0027	-2.5 to 2.5	Pass
				40	3.70	5.465	0.0064	-2.5 to 2.5	Pass
				50	3.70	3.119	0.0037	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.15	2.804	0.0034	-2.5 to 2.5	Pass
					3.70	-2.275	-0.0028	-2.5 to 2.5	Pass
					4.26	0.529	0.0006	-2.5 to 2.5	Pass
				-30	3.70	-2.203	-0.0027	-2.5 to 2.5	Pass
				-20	3.70	0.186	0.0002	-2.5 to 2.5	Pass
				-10	3.70	-0.987	-0.0012	-2.5 to 2.5	Pass
				0	3.70	3.233	0.0039	-2.5 to 2.5	Pass
				10	3.70	-3.819	-0.0046	-2.5 to 2.5	Pass
				30	3.70	3.633	0.0044	-2.5 to 2.5	Pass
				40	3.70	-1.016	-0.0012	-2.5 to 2.5	Pass
				50	3.70	3.533	0.0043	-2.5 to 2.5	Pass
	836.5	6	0	20	3.15	1.745	0.0021	-2.5 to 2.5	Pass
					3.70	-0.987	-0.0012	-2.5 to 2.5	Pass
					4.26	3.247	0.0039	-2.5 to 2.5	Pass
				-30	3.70	0.215	0.0003	-2.5 to 2.5	Pass
				-20	3.70	3.805	0.0045	-2.5 to 2.5	Pass
				-10	3.70	-7.353	-0.0088	-2.5 to 2.5	Pass
				0	3.70	0.815	0.0010	-2.5 to 2.5	Pass
				10	3.70	-0.830	-0.0010	-2.5 to 2.5	Pass
				30	3.70	2.432	0.0029	-2.5 to 2.5	Pass
				40	3.70	-3.290	-0.0039	-2.5 to 2.5	Pass
				50	3.70	-3.061	-0.0037	-2.5 to 2.5	Pass
	848.3	6	0	20	3.15	1.316	0.0016	-2.5 to 2.5	Pass
					3.70	-1.431	-0.0017	-2.5 to 2.5	Pass
					4.26	2.861	0.0034	-2.5 to 2.5	Pass
				-30	3.70	2.117	0.0025	-2.5 to 2.5	Pass
				-20	3.70	-0.529	-0.0006	-2.5 to 2.5	Pass
				-10	3.70	-2.246	-0.0026	-2.5 to 2.5	Pass
				0	3.70	-3.848	-0.0045	-2.5 to 2.5	Pass
				10	3.70	3.262	0.0038	-2.5 to 2.5	Pass
				30	3.70	-2.847	-0.0034	-2.5 to 2.5	Pass
				40	3.70	-0.844	-0.0010	-2.5 to 2.5	Pass
				50	3.70	2.275	0.0027	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.15	-6.194	-0.0075	-2.5 to 2.5	Pass
					3.70	-3.476	-0.0042	-2.5 to 2.5	Pass
					4.26	-2.017	-0.0024	-2.5 to 2.5	Pass
				-30	3.70	-1.388	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	1.688	0.0020	-2.5 to 2.5	Pass
				-10	3.70	-4.950	-0.0060	-2.5 to 2.5	Pass
				0	3.70	1.574	0.0019	-2.5 to 2.5	Pass

				10	3.70	-2.890	-0.0035	-2.5 to 2.5	Pass
				30	3.70	-3.004	-0.0036	-2.5 to 2.5	Pass
				40	3.70	-2.432	-0.0029	-2.5 to 2.5	Pass
				50	3.70	-2.217	-0.0027	-2.5 to 2.5	Pass
	836.5	15	0	20	3.15	-5.436	-0.0065	-2.5 to 2.5	Pass
					3.70	-4.478	-0.0054	-2.5 to 2.5	Pass
					4.26	-1.817	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	-2.904	-0.0035	-2.5 to 2.5	Pass
				-20	3.70	4.835	0.0058	-2.5 to 2.5	Pass
				-10	3.70	-3.176	-0.0038	-2.5 to 2.5	Pass
				0	3.70	0.687	0.0008	-2.5 to 2.5	Pass
				10	3.70	1.845	0.0022	-2.5 to 2.5	Pass
				30	3.70	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.70	-1.130	-0.0014	-2.5 to 2.5	Pass
				50	3.70	1.831	0.0022	-2.5 to 2.5	Pass
	847.5	15	0	20	3.15	1.216	0.0014	-2.5 to 2.5	Pass
					3.70	-3.276	-0.0039	-2.5 to 2.5	Pass
					4.26	-3.390	-0.0040	-2.5 to 2.5	Pass
				-30	3.70	-1.488	-0.0018	-2.5 to 2.5	Pass
				-20	3.70	3.219	0.0038	-2.5 to 2.5	Pass
				-10	3.70	3.862	0.0046	-2.5 to 2.5	Pass
				0	3.70	1.760	0.0021	-2.5 to 2.5	Pass
				10	3.70	-0.772	-0.0009	-2.5 to 2.5	Pass
				30	3.70	-1.259	-0.0015	-2.5 to 2.5	Pass
				40	3.70	4.592	0.0054	-2.5 to 2.5	Pass
				50	3.70	0.286	0.0003	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.15	3.734	0.0045	-2.5 to 2.5	Pass
					3.70	-3.791	-0.0046	-2.5 to 2.5	Pass
					4.26	-0.243	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	-2.975	-0.0036	-2.5 to 2.5	Pass
				-20	3.70	-1.230	-0.0015	-2.5 to 2.5	Pass
				-10	3.70	1.445	0.0018	-2.5 to 2.5	Pass
				0	3.70	2.174	0.0026	-2.5 to 2.5	Pass
				10	3.70	-1.616	-0.0020	-2.5 to 2.5	Pass
				30	3.70	-2.389	-0.0029	-2.5 to 2.5	Pass
				40	3.70	-7.038	-0.0085	-2.5 to 2.5	Pass
				50	3.70	-2.518	-0.0031	-2.5 to 2.5	Pass
	836.5	15	0	20	3.15	-1.359	-0.0016	-2.5 to 2.5	Pass
					3.70	4.206	0.0050	-2.5 to 2.5	Pass
					4.26	-1.059	-0.0013	-2.5 to 2.5	Pass
				-30	3.70	-0.815	-0.0010	-2.5 to 2.5	Pass
				-20	3.70	2.003	0.0024	-2.5 to 2.5	Pass
				-10	3.70	-4.063	-0.0049	-2.5 to 2.5	Pass
				0	3.70	2.246	0.0027	-2.5 to 2.5	Pass
				10	3.70	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.70	6.151	0.0074	-2.5 to 2.5	Pass
				40	3.70	-2.432	-0.0029	-2.5 to 2.5	Pass
				50	3.70	0.772	0.0009	-2.5 to 2.5	Pass
	847.5	15	0	20	3.15	-1.545	-0.0018	-2.5 to 2.5	Pass
					3.70	3.934	0.0046	-2.5 to 2.5	Pass
					4.26	-1.302	-0.0015	-2.5 to 2.5	Pass
				-30	3.70	3.805	0.0045	-2.5 to 2.5	Pass
				-20	3.70	4.148	0.0049	-2.5 to 2.5	Pass
				-10	3.70	-1.874	-0.0022	-2.5 to 2.5	Pass
				0	3.70	-3.347	-0.0039	-2.5 to 2.5	Pass
				10	3.70	2.961	0.0035	-2.5 to 2.5	Pass
				30	3.70	-2.232	-0.0026	-2.5 to 2.5	Pass
				40	3.70	-2.046	-0.0024	-2.5 to 2.5	Pass
				50	3.70	1.674	0.0020	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.15	-0.944	-0.0011	-2.5 to 2.5	Pass
					3.70	-1.760	-0.0021	-2.5 to 2.5	Pass
					4.26	-1.845	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	-1.302	-0.0016	-2.5 to 2.5	Pass
				-20	3.70	1.073	0.0013	-2.5 to 2.5	Pass
				-10	3.70	2.933	0.0035	-2.5 to 2.5	Pass
				0	3.70	-1.302	-0.0016	-2.5 to 2.5	Pass
				10	3.70	-1.602	-0.0019	-2.5 to 2.5	Pass
				30	3.70	0.257	0.0003	-2.5 to 2.5	Pass
				40	3.70	3.347	0.0040	-2.5 to 2.5	Pass
				50	3.70	-3.204	-0.0039	-2.5 to 2.5	Pass
	836.5	25	0	20	3.15	-4.478	-0.0054	-2.5 to 2.5	Pass
					3.70	-1.516	-0.0018	-2.5 to 2.5	Pass
					4.26	1.559	0.0019	-2.5 to 2.5	Pass
				-30	3.70	-2.103	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	-3.004	-0.0036	-2.5 to 2.5	Pass
				-10	3.70	-1.674	-0.0020	-2.5 to 2.5	Pass
				0	3.70	0.730	0.0009	-2.5 to 2.5	Pass
				10	3.70	4.091	0.0049	-2.5 to 2.5	Pass
				30	3.70	-1.044	-0.0012	-2.5 to 2.5	Pass
				40	3.70	-0.529	-0.0006	-2.5 to 2.5	Pass
				50	3.70	-0.215	-0.0003	-2.5 to 2.5	Pass
	846.5	25	0	20	3.15	-4.621	-0.0055	-2.5 to 2.5	Pass
					3.70	-2.131	-0.0025	-2.5 to 2.5	Pass
					4.26	2.747	0.0032	-2.5 to 2.5	Pass
				-30	3.70	-0.787	-0.0009	-2.5 to 2.5	Pass
				-20	3.70	-2.346	-0.0028	-2.5 to 2.5	Pass
				-10	3.70	3.719	0.0044	-2.5 to 2.5	Pass
				0	3.70	-3.848	-0.0045	-2.5 to 2.5	Pass
				10	3.70	-0.916	-0.0011	-2.5 to 2.5	Pass
				30	3.70	-1.874	-0.0022	-2.5 to 2.5	Pass
				40	3.70	-3.233	-0.0038	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.15	-4.392	-0.0053	-2.5 to 2.5	Pass
					3.70	0.815	0.0010	-2.5 to 2.5	Pass
					4.26	-3.920	-0.0047	-2.5 to 2.5	Pass
				-30	3.70	-0.629	-0.0008	-2.5 to 2.5	Pass
				-20	3.70	-0.858	-0.0010	-2.5 to 2.5	Pass
				-10	3.70	2.174	0.0026	-2.5 to 2.5	Pass
				0	3.70	-3.219	-0.0039	-2.5 to 2.5	Pass
				10	3.70	1.001	0.0012	-2.5 to 2.5	Pass
				30	3.70	-1.416	-0.0017	-2.5 to 2.5	Pass
				40	3.70	0.472	0.0006	-2.5 to 2.5	Pass
				50	3.70	-3.290	-0.0040	-2.5 to 2.5	Pass
	836.5	25	0	20	3.15	2.031	0.0024	-2.5 to 2.5	Pass
					3.70	2.174	0.0026	-2.5 to 2.5	Pass
					4.26	-1.316	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	-1.416	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	2.131	0.0025	-2.5 to 2.5	Pass
				-10	3.70	0.257	0.0003	-2.5 to 2.5	Pass
				0	3.70	-1.559	-0.0019	-2.5 to 2.5	Pass
				10	3.70	-4.935	-0.0059	-2.5 to 2.5	Pass

	846.5	25	0	30	3.70	-1.631	-0.0019	-2.5 to 2.5	Pass
				40	3.70	2.732	0.0033	-2.5 to 2.5	Pass
				50	3.70	0.701	0.0008	-2.5 to 2.5	Pass
				20	3.15	3.262	0.0039	-2.5 to 2.5	Pass
					3.70	-0.515	-0.0006	-2.5 to 2.5	Pass
					4.26	0.687	0.0008	-2.5 to 2.5	Pass
				-30	3.70	-4.506	-0.0053	-2.5 to 2.5	Pass
				-20	3.70	-1.559	-0.0018	-2.5 to 2.5	Pass
				-10	3.70	-0.515	-0.0006	-2.5 to 2.5	Pass
				0	3.70	-3.448	-0.0041	-2.5 to 2.5	Pass
				10	3.70	2.103	0.0025	-2.5 to 2.5	Pass
				30	3.70	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.70	-3.762	-0.0044	-2.5 to 2.5	Pass
				50	3.70	-3.648	-0.0043	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.15	-0.358	-0.0004	-2.5 to 2.5	Pass
					3.70	0.043	0.0001	-2.5 to 2.5	Pass
					4.26	-3.090	-0.0037	-2.5 to 2.5	Pass
				-30	3.70	-2.117	-0.0026	-2.5 to 2.5	Pass
				-20	3.70	-0.172	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	-0.587	-0.0007	-2.5 to 2.5	Pass
				0	3.70	-0.529	-0.0006	-2.5 to 2.5	Pass
				10	3.70	-0.701	-0.0008	-2.5 to 2.5	Pass
				30	3.70	-3.090	-0.0037	-2.5 to 2.5	Pass
				40	3.70	-2.918	-0.0035	-2.5 to 2.5	Pass
	836.5	50	0	50	3.70	-2.260	-0.0027	-2.5 to 2.5	Pass
				20	3.15	-3.333	-0.0040	-2.5 to 2.5	Pass
					3.70	-3.576	-0.0043	-2.5 to 2.5	Pass
					4.26	-0.300	-0.0004	-2.5 to 2.5	Pass
				-30	3.70	-3.090	-0.0037	-2.5 to 2.5	Pass
				-20	3.70	-2.818	-0.0034	-2.5 to 2.5	Pass
				-10	3.70	0.930	0.0011	-2.5 to 2.5	Pass
				0	3.70	0.257	0.0003	-2.5 to 2.5	Pass
				10	3.70	-0.973	-0.0012	-2.5 to 2.5	Pass
				30	3.70	-3.762	-0.0045	-2.5 to 2.5	Pass
	844	50	0	40	3.70	0.744	0.0009	-2.5 to 2.5	Pass
				50	3.70	0.043	0.0001	-2.5 to 2.5	Pass
				20	3.15	-2.060	-0.0024	-2.5 to 2.5	Pass
					3.70	-3.147	-0.0037	-2.5 to 2.5	Pass
					4.26	-0.687	-0.0008	-2.5 to 2.5	Pass
				-30	3.70	-1.774	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	-1.974	-0.0023	-2.5 to 2.5	Pass
				-10	3.70	-2.203	-0.0026	-2.5 to 2.5	Pass
				0	3.70	-2.232	-0.0026	-2.5 to 2.5	Pass
				10	3.70	-3.662	-0.0043	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.15	-2.918	-0.0035	-2.5 to 2.5	Pass
					3.70	-3.090	-0.0037	-2.5 to 2.5	Pass
					4.26	0.887	0.0011	-2.5 to 2.5	Pass
				-30	3.70	2.160	0.0026	-2.5 to 2.5	Pass
				-20	3.70	0.200	0.0002	-2.5 to 2.5	Pass

				-10	3.70	-0.458	-0.0006	-2.5 to 2.5	Pass
				0	3.70	-4.005	-0.0048	-2.5 to 2.5	Pass
				10	3.70	-1.988	-0.0024	-2.5 to 2.5	Pass
				30	3.70	-7.038	-0.0085	-2.5 to 2.5	Pass
				40	3.70	-2.275	-0.0027	-2.5 to 2.5	Pass
				50	3.70	-3.219	-0.0039	-2.5 to 2.5	Pass
	836.5	27	0	20	3.15	-1.416	-0.0017	-2.5 to 2.5	Pass
					3.70	-0.730	-0.0009	-2.5 to 2.5	Pass
					4.26	0.629	0.0008	-2.5 to 2.5	Pass
				-30	3.70	-0.958	-0.0011	-2.5 to 2.5	Pass
				-20	3.70	0.701	0.0008	-2.5 to 2.5	Pass
				-10	3.70	-1.316	-0.0016	-2.5 to 2.5	Pass
				0	3.70	1.488	0.0018	-2.5 to 2.5	Pass
				10	3.70	-1.001	-0.0012	-2.5 to 2.5	Pass
				30	3.70	-3.734	-0.0045	-2.5 to 2.5	Pass
				40	3.70	-3.819	-0.0046	-2.5 to 2.5	Pass
				50	3.70	-3.734	-0.0045	-2.5 to 2.5	Pass
	844	27	23	20	3.15	-5.322	-0.0063	-2.5 to 2.5	Pass
					3.70	-2.589	-0.0031	-2.5 to 2.5	Pass
					4.26	-3.576	-0.0042	-2.5 to 2.5	Pass
				-30	3.70	-1.745	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	-4.134	-0.0049	-2.5 to 2.5	Pass
				-10	3.70	-4.277	-0.0051	-2.5 to 2.5	Pass
				0	3.70	-4.663	-0.0055	-2.5 to 2.5	Pass
				10	3.70	-1.631	-0.0019	-2.5 to 2.5	Pass
				30	3.70	2.890	0.0034	-2.5 to 2.5	Pass
				40	3.70	-0.315	-0.0004	-2.5 to 2.5	Pass
				50	3.70	-4.563	-0.0054	-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	

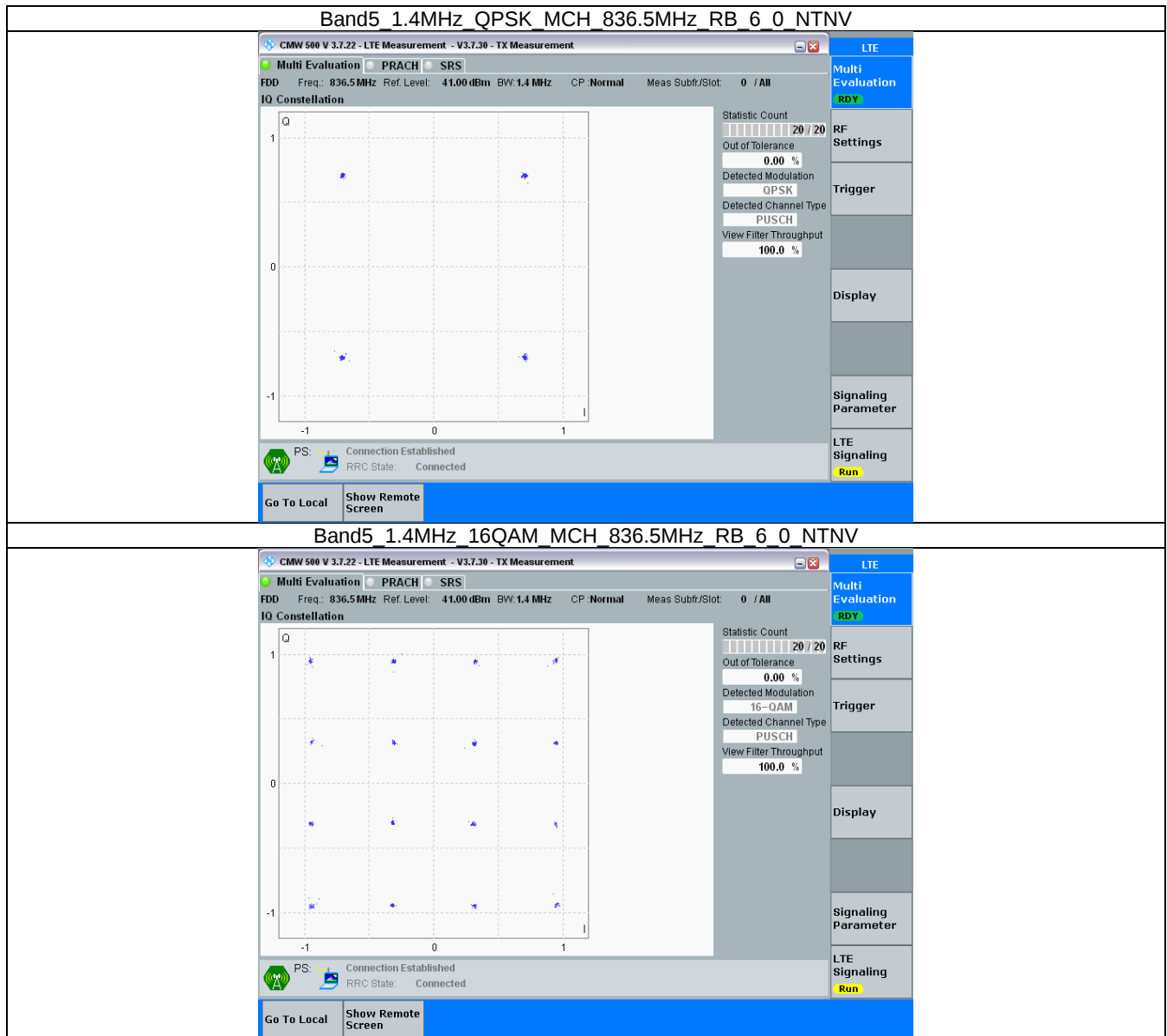
QPSK	836.5	25	0	Refer To Test Graph	Pass
16QAM	836.5	25	0	Refer To Test Graph	Pass

3.1.4 B5_10MHz

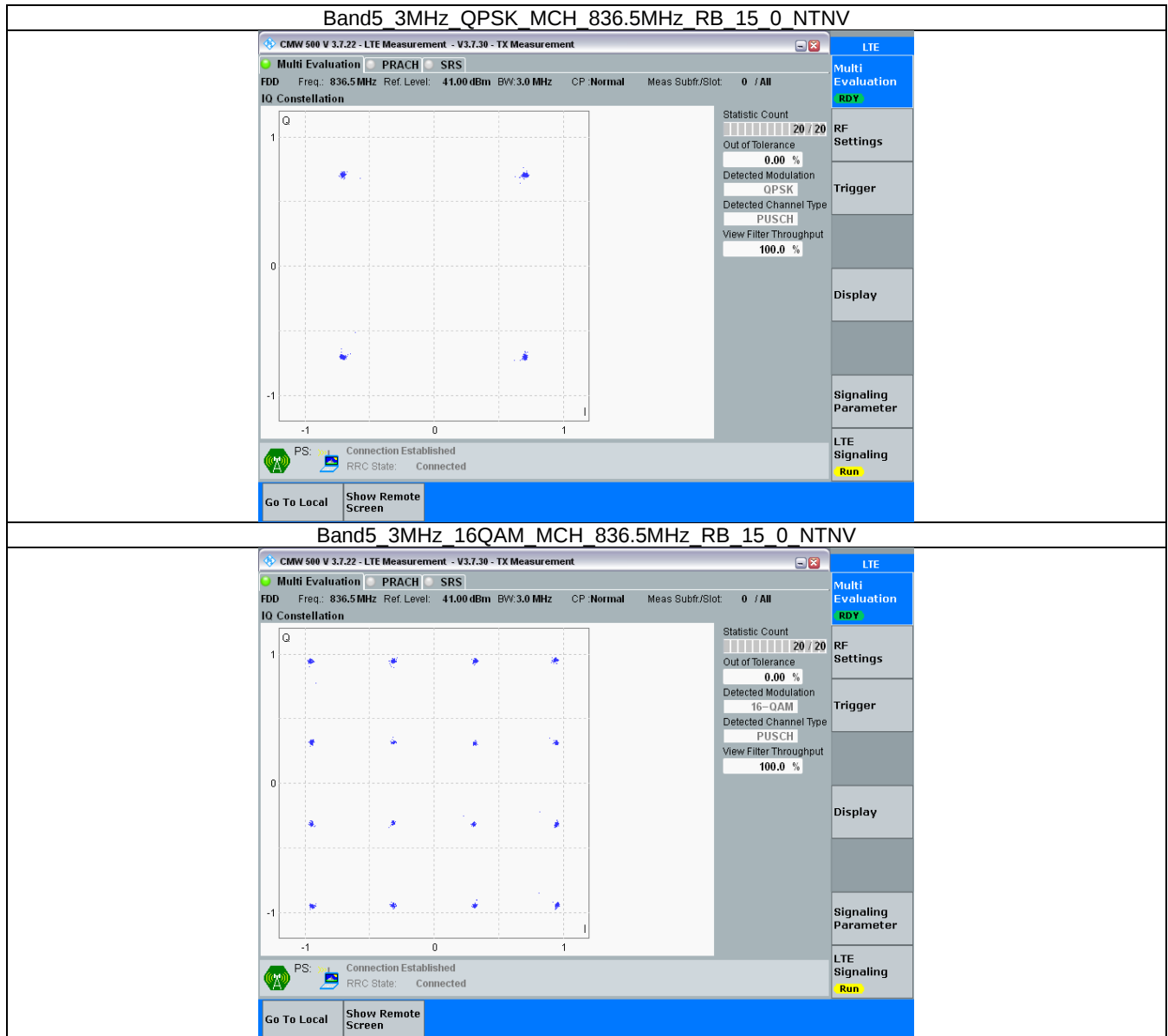
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

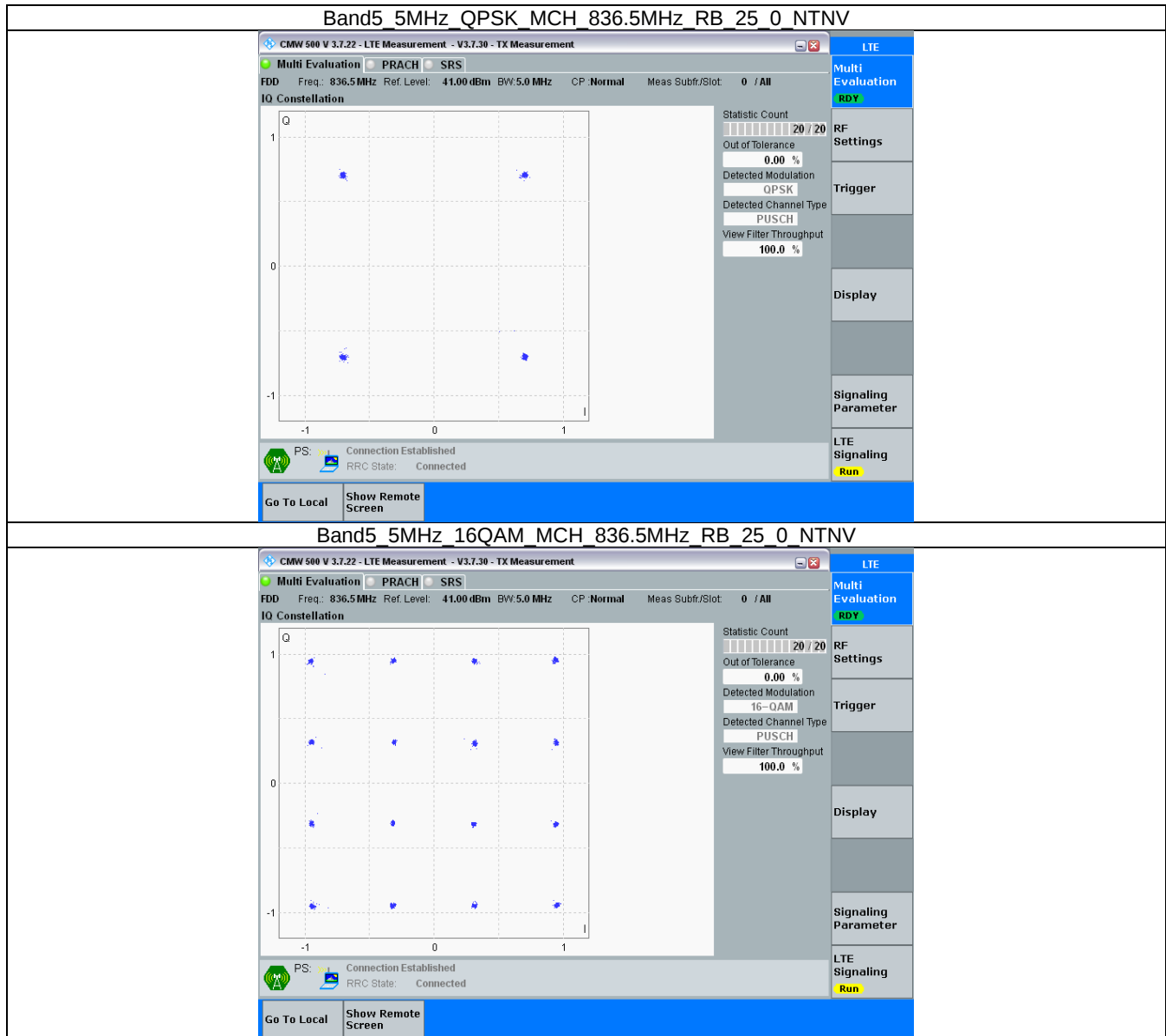
3.2.1 B5_1.4MHz



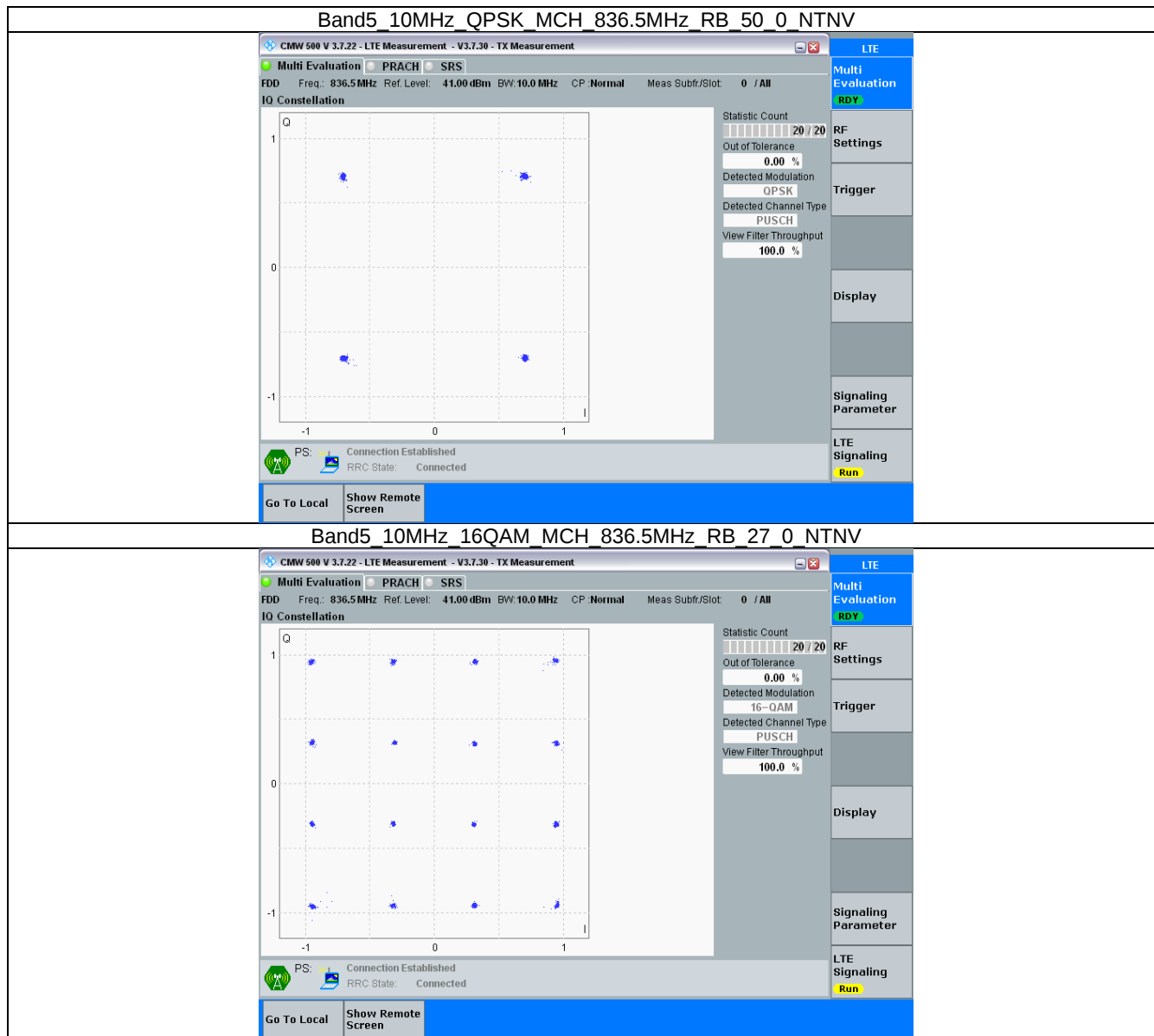
3.2.2 B5_3MHz



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	1.115	/	Pass
		836.5	6	0	1.116	/	Pass
		848.3	6	0	1.111	/	Pass
	16QAM	824.7	6	0	1.107	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.117	/	Pass
3	QPSK	825.5	15	0	2.737	/	Pass
		836.5	15	0	2.737	/	Pass
		847.5	15	0	2.734	/	Pass
	16QAM	825.5	15	0	2.728	/	Pass
		836.5	15	0	2.728	/	Pass
		847.5	15	0	2.732	/	Pass
5	QPSK	826.5	25	0	4.542	/	Pass
		836.5	25	0	4.549	/	Pass
		846.5	25	0	4.566	/	Pass
	16QAM	826.5	25	0	4.544	/	Pass
		836.5	25	0	4.561	/	Pass
		846.5	25	0	4.536	/	Pass
10	QPSK	829	50	0	9.055	/	Pass
		836.5	50	0	9.034	/	Pass
		844	50	0	9.065	/	Pass
	16QAM	829	27	0	5.102	/	Pass
		836.5	27	0	5.086	/	Pass
		844	27	23	5.124	/	Pass

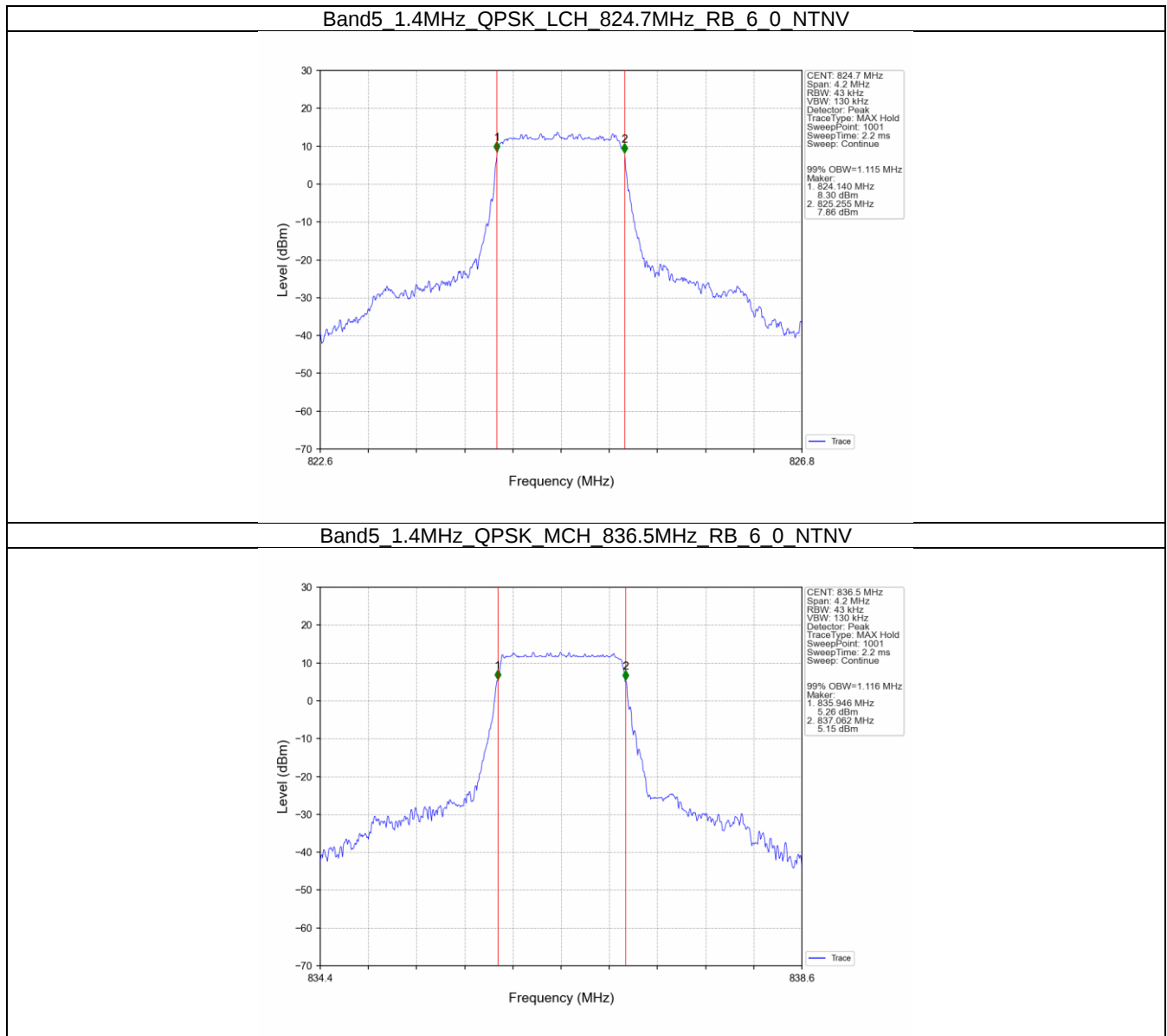
4.1.2 Band5_XDB

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	1.311	/	Pass
		836.5	6	0	1.347	/	Pass
		848.3	6	0	1.327	/	Pass
	16QAM	824.7	6	0	1.337	/	Pass
		836.5	6	0	1.305	/	Pass
		848.3	6	0	1.339	/	Pass
3	QPSK	825.5	15	0	3.010	/	Pass
		836.5	15	0	3.008	/	Pass
		847.5	15	0	3.020	/	Pass
	16QAM	825.5	15	0	3.028	/	Pass
		836.5	15	0	3.009	/	Pass
		847.5	15	0	3.017	/	Pass
5	QPSK	826.5	25	0	5.062	/	Pass
		836.5	25	0	5.051	/	Pass
		846.5	25	0	5.026	/	Pass

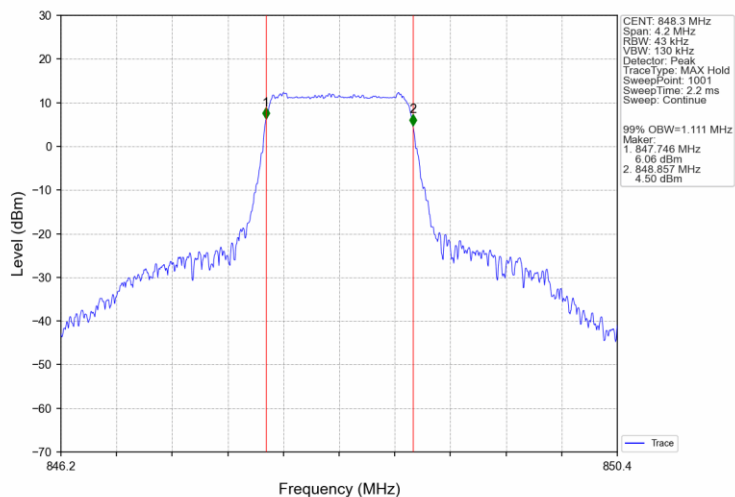
10	16QAM	826.5	25	0	5.085	/	Pass
		836.5	25	0	5.104	/	Pass
		846.5	25	0	5.032	/	Pass
	QPSK	829	50	0	9.968	/	Pass
		836.5	50	0	9.969	/	Pass
		844	50	0	9.999	/	Pass
	16QAM	829	27	0	6.210	/	Pass
		836.5	27	0	6.177	/	Pass
		844	27	23	6.175	/	Pass

4.2 Test Graph

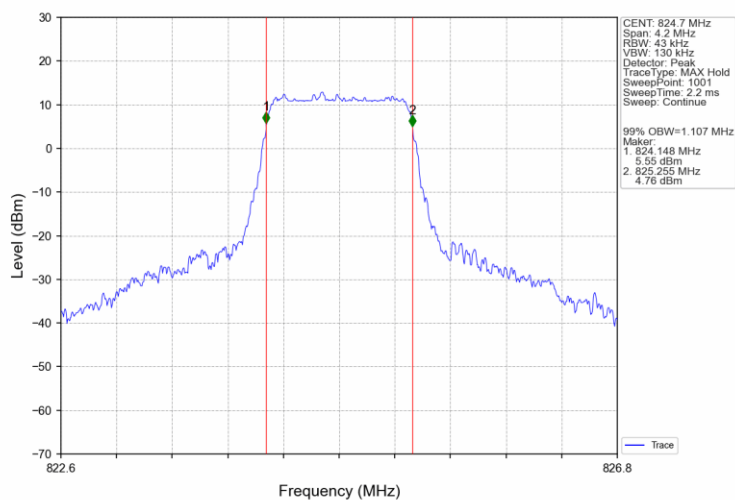
4.2.1 Band5_OBW



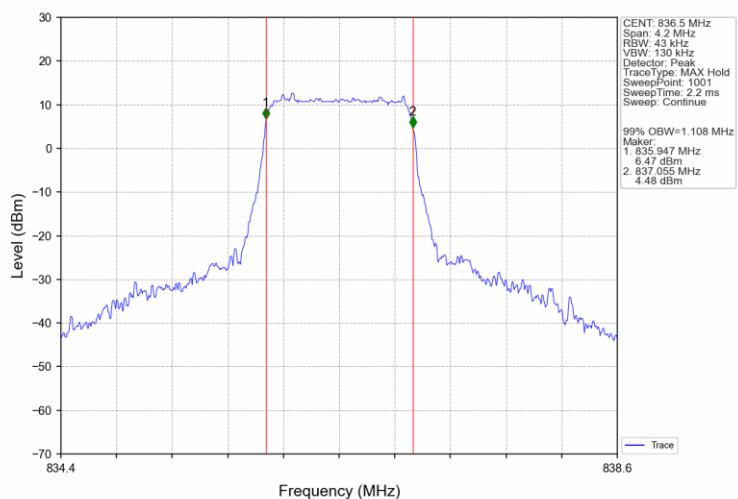
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



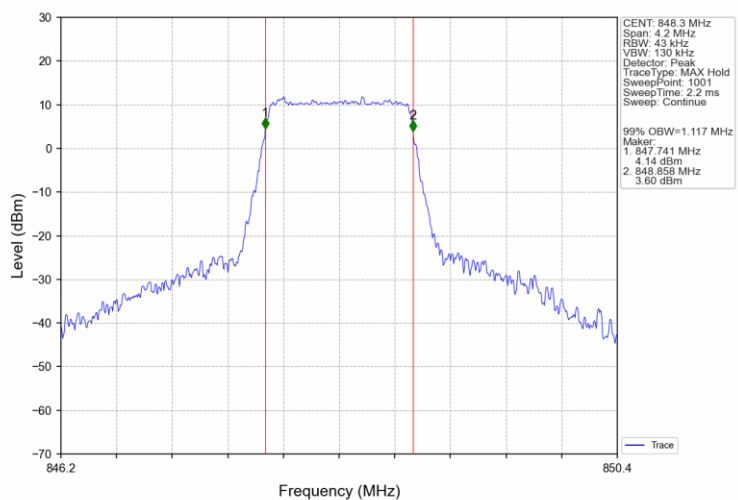
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



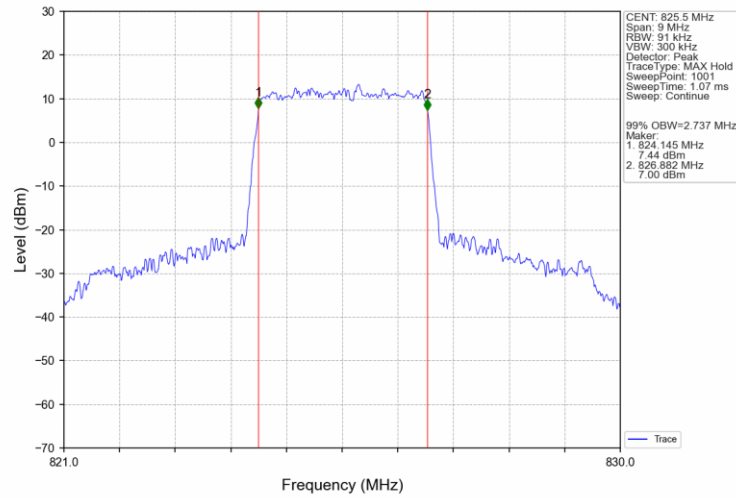
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



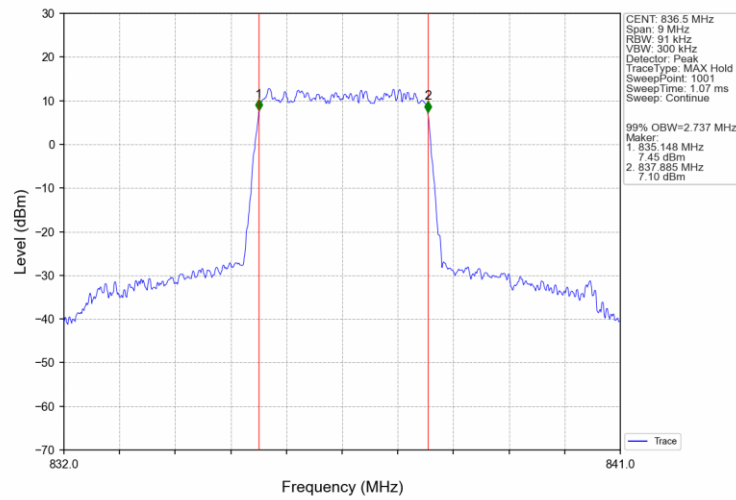
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



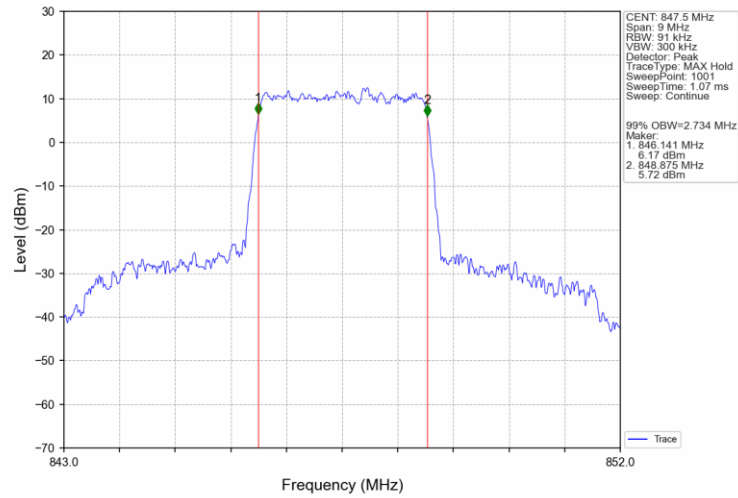
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



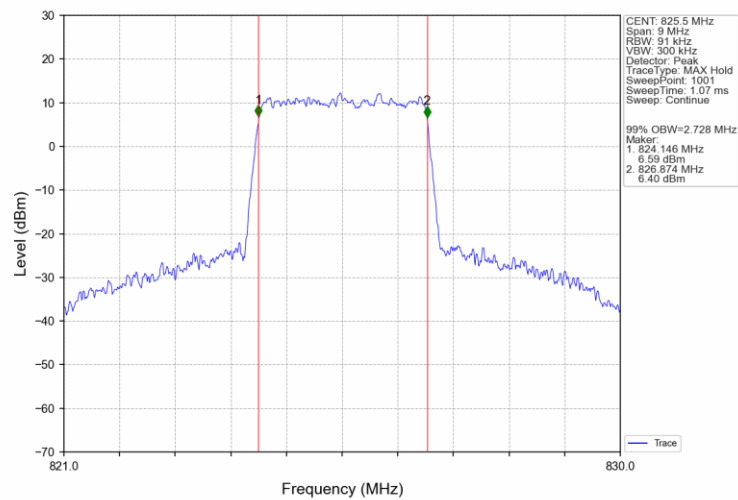
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



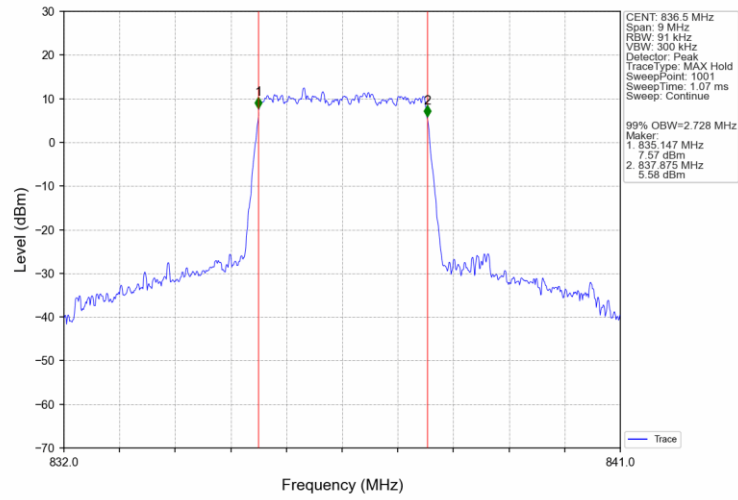
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



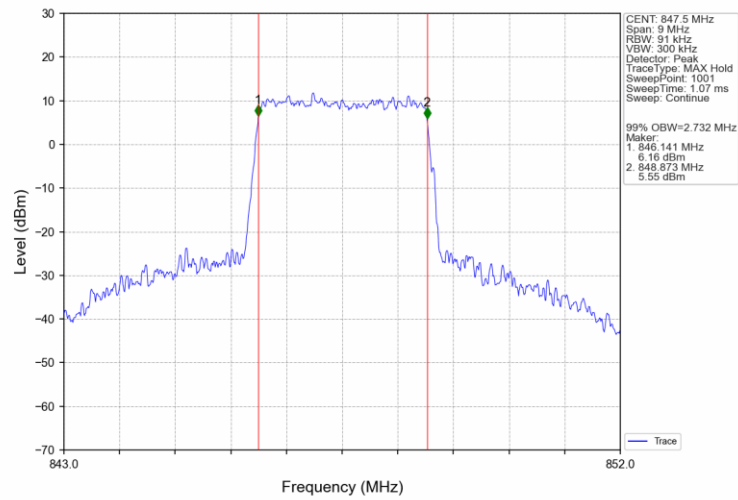
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



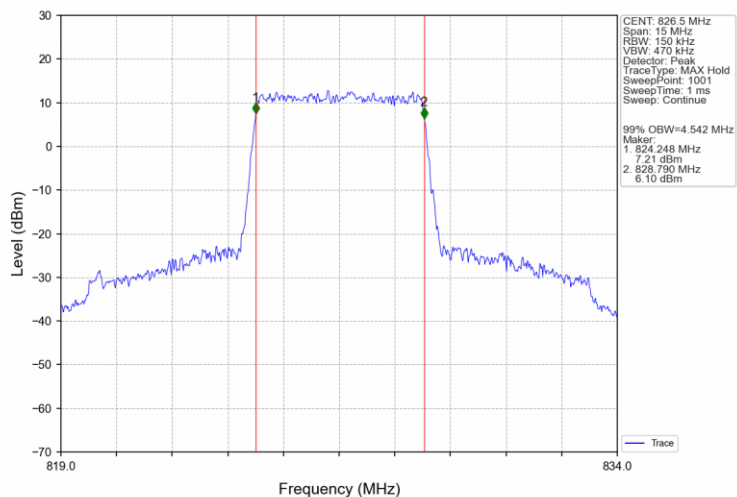
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



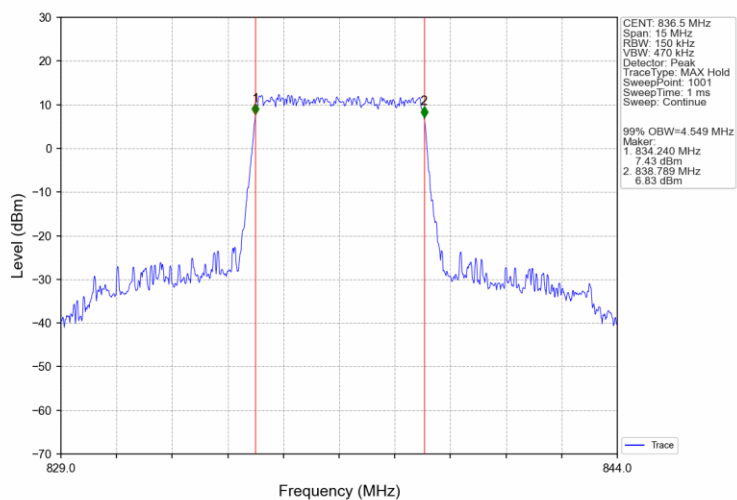
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



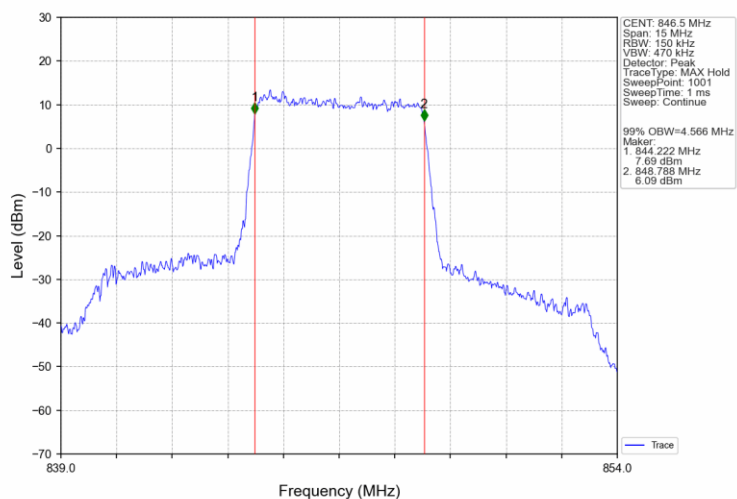
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



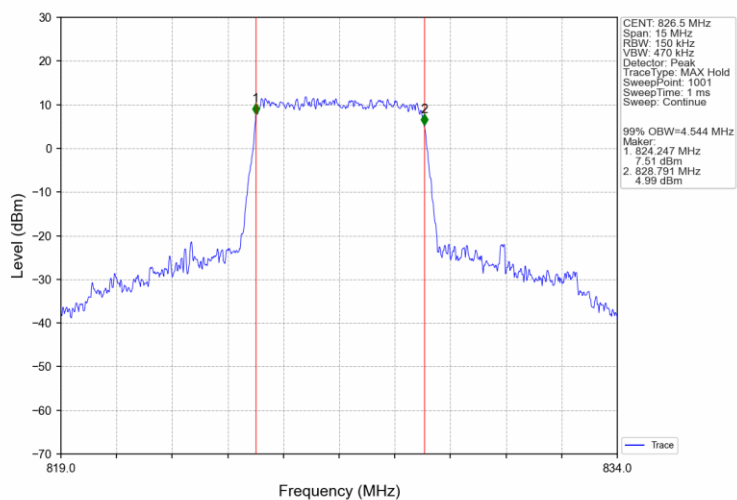
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



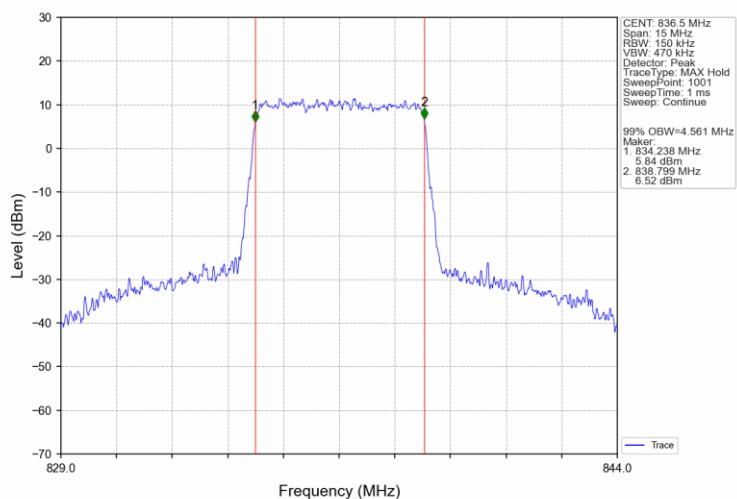
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



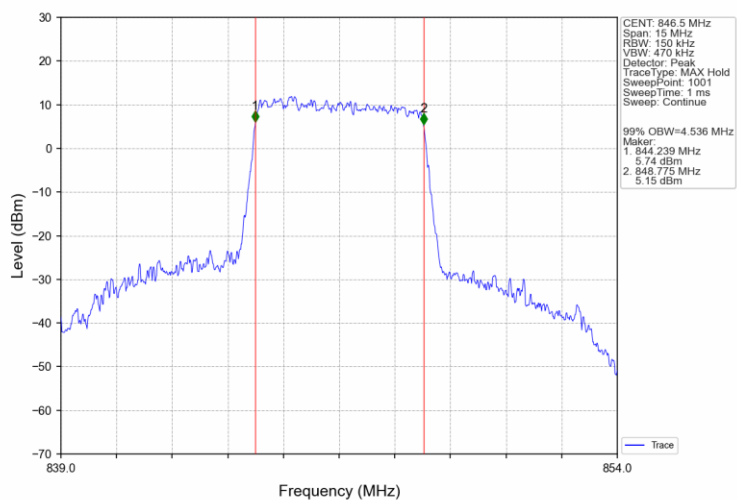
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



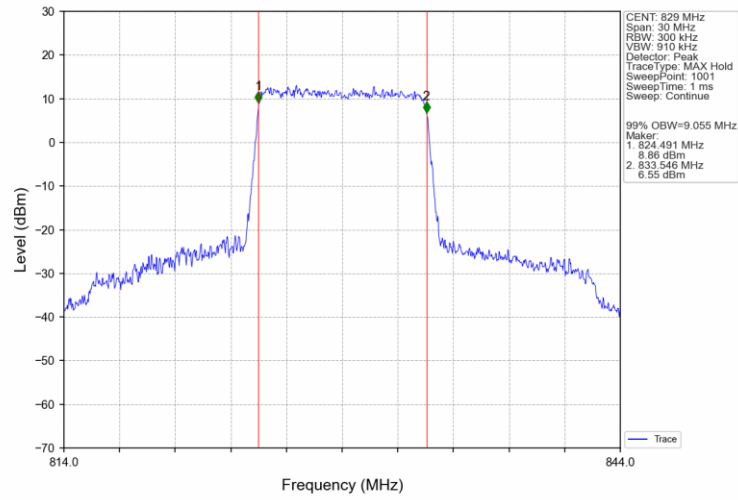
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



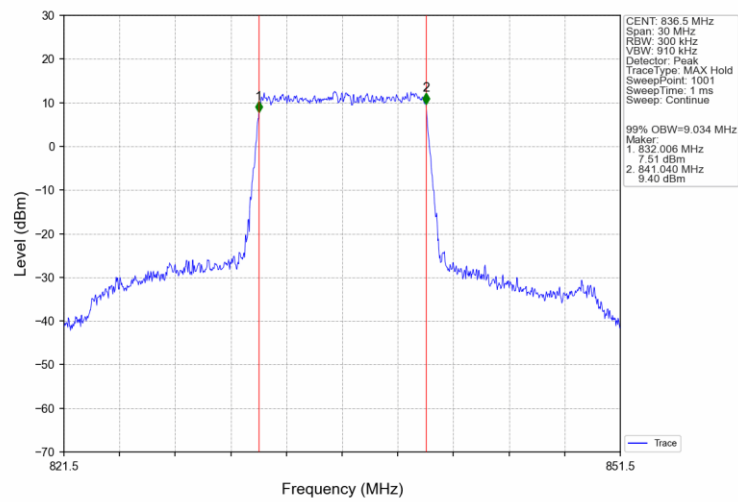
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



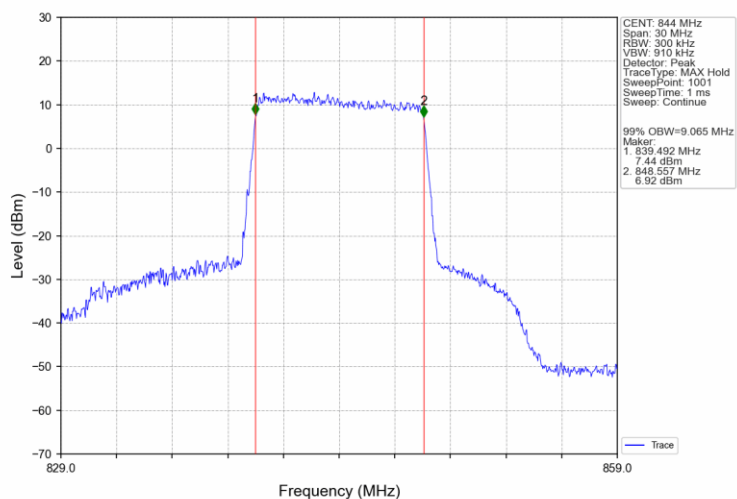
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



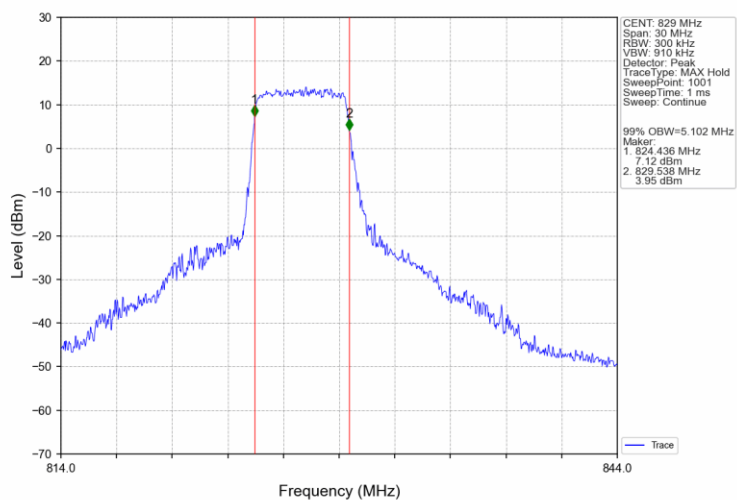
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



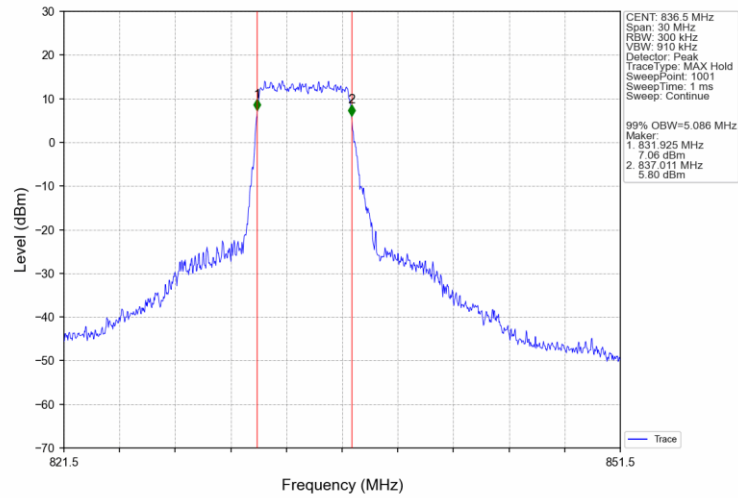
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



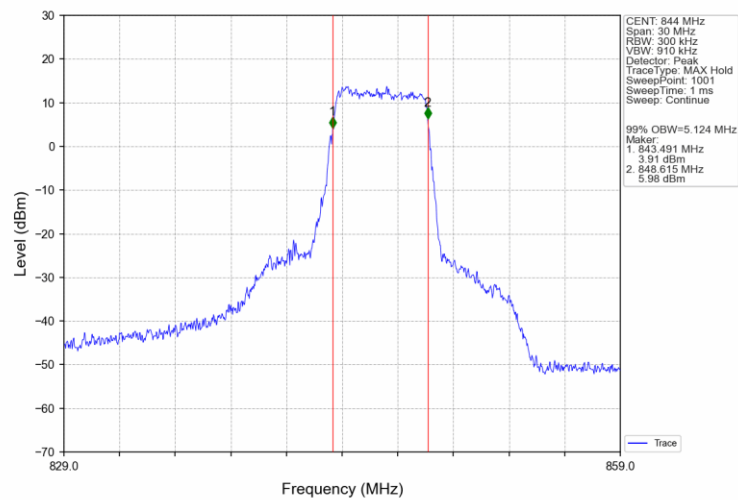
Band5 10MHz 16QAM LCH 829MHz RB 27 0 NTN



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

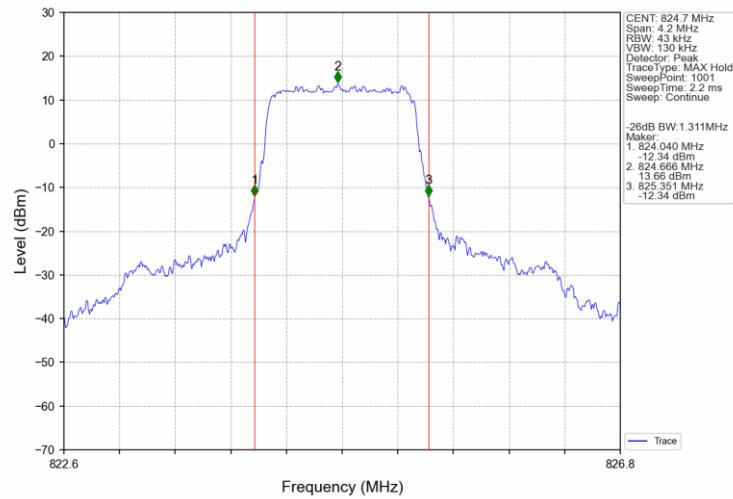


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

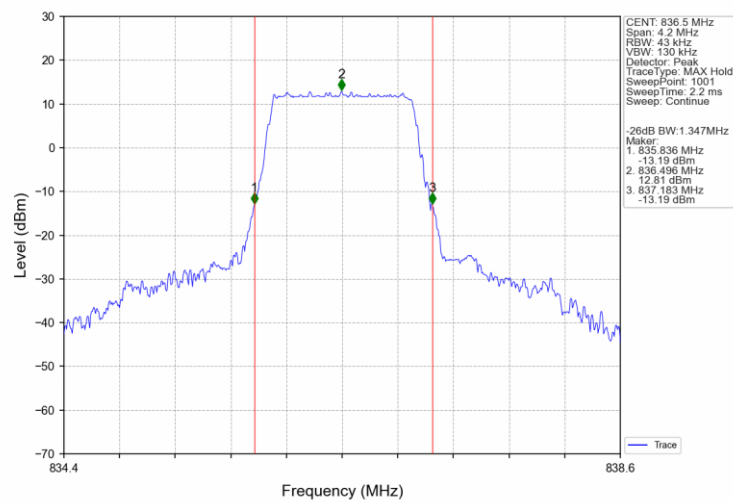


4.2.2 Band5_XDB

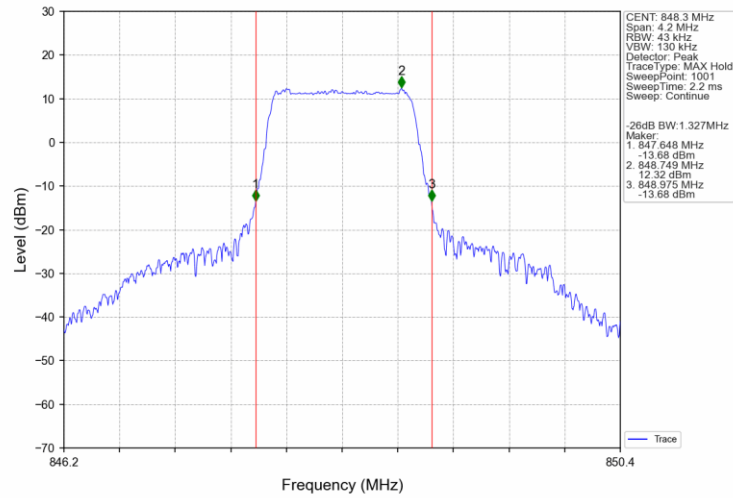
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



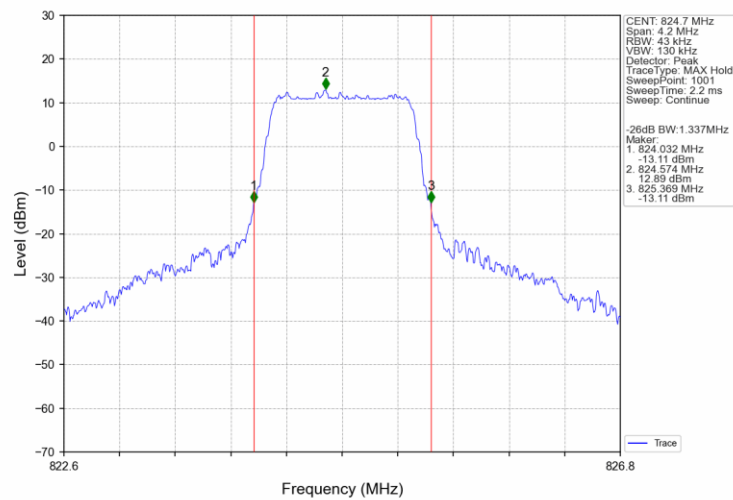
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



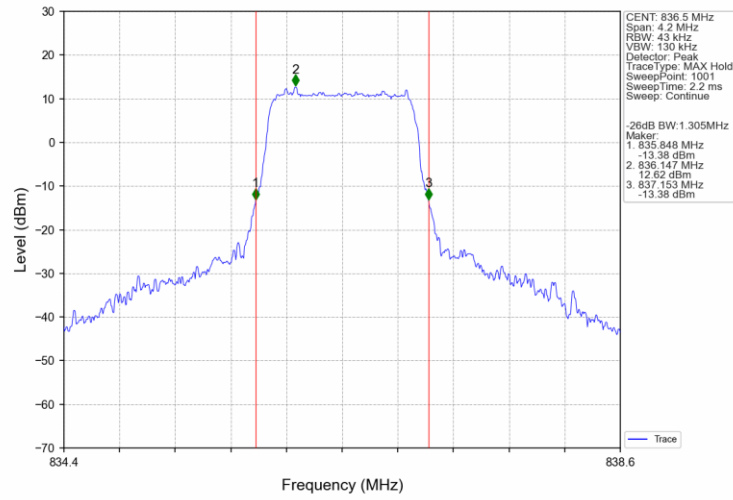
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



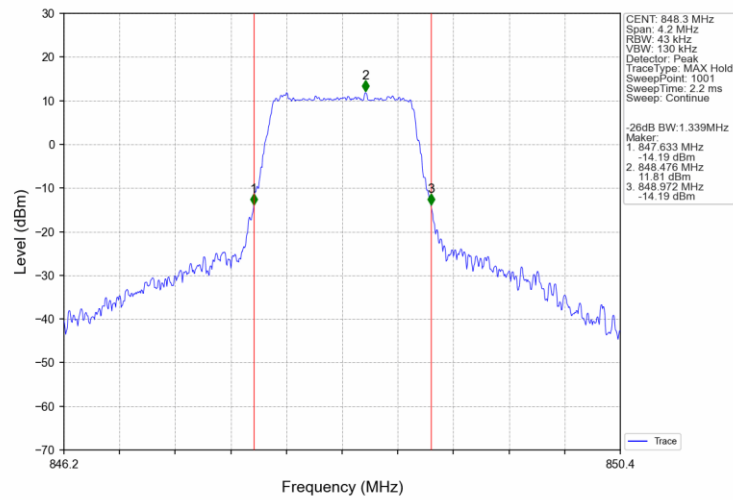
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



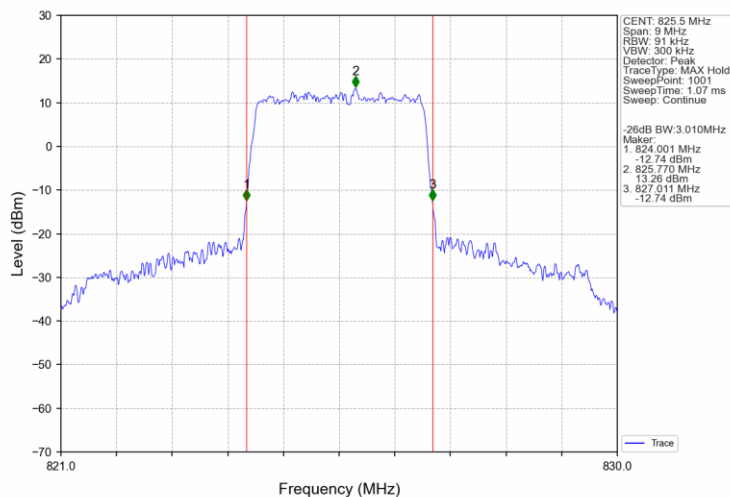
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



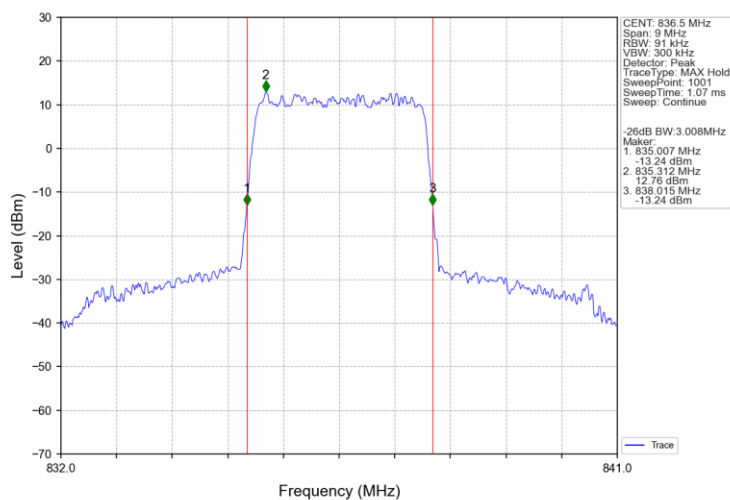
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



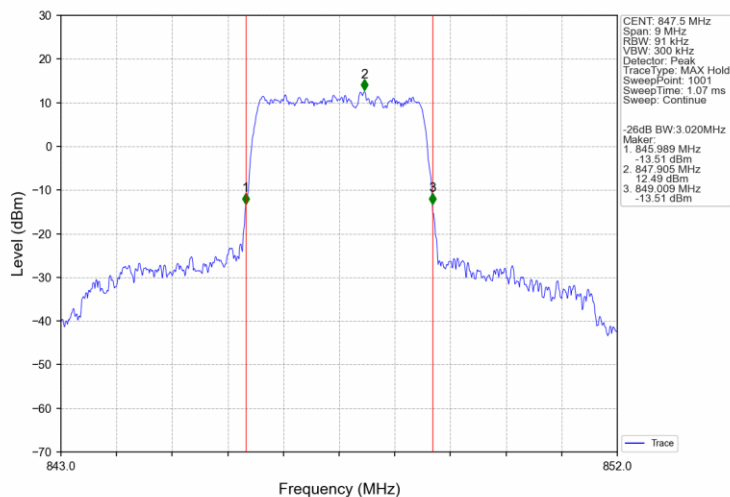
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



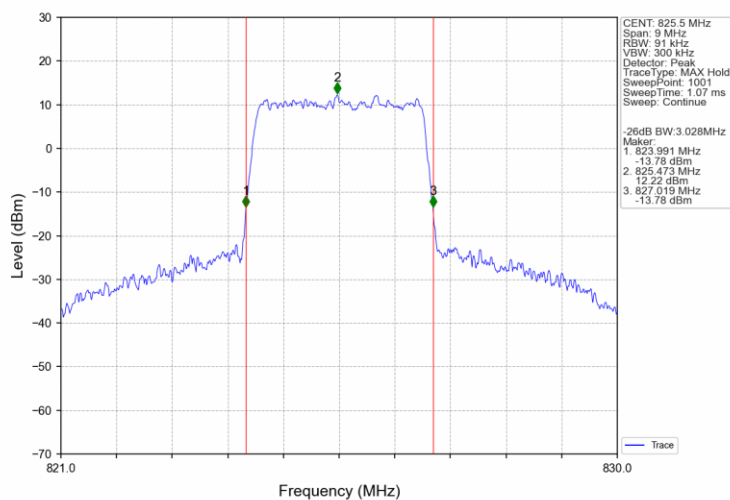
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



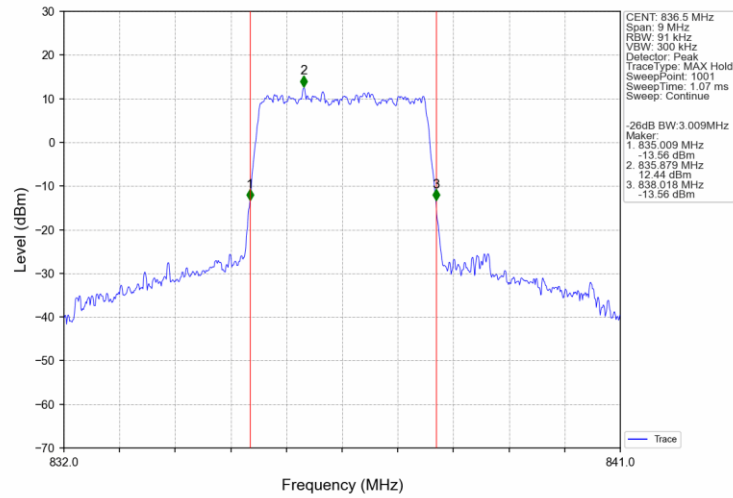
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTV



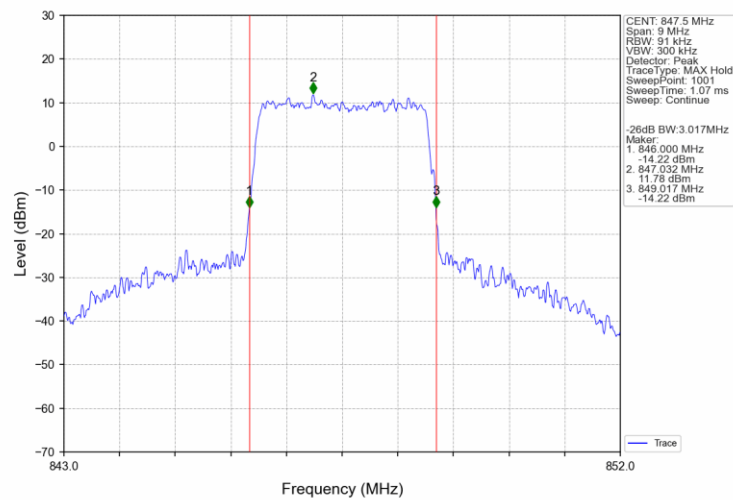
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



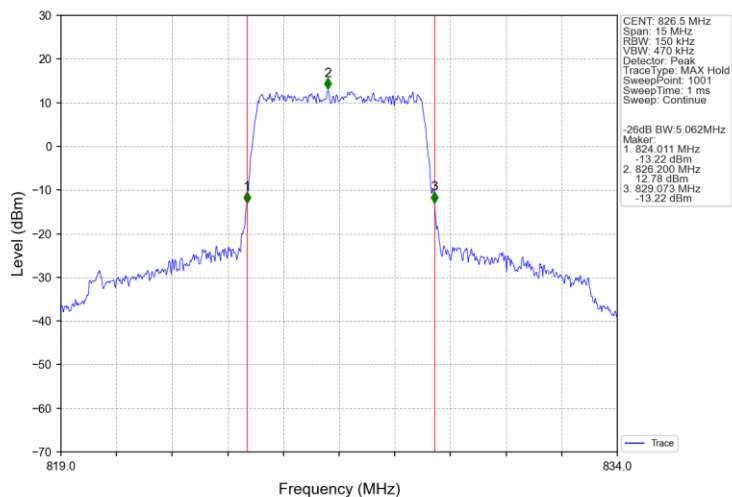
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



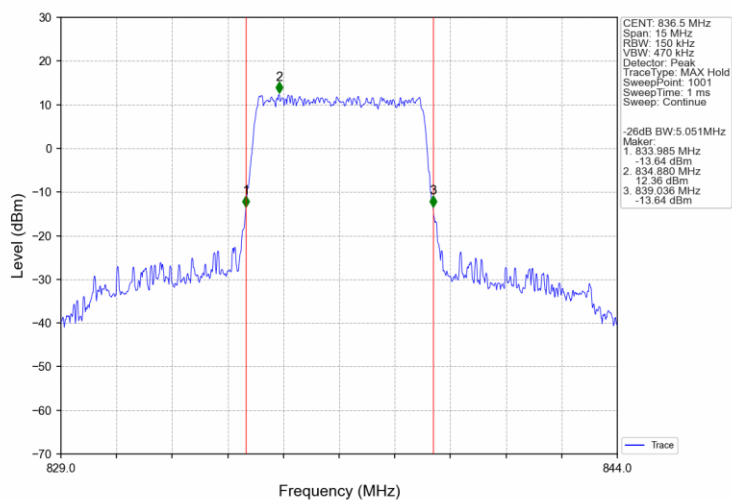
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



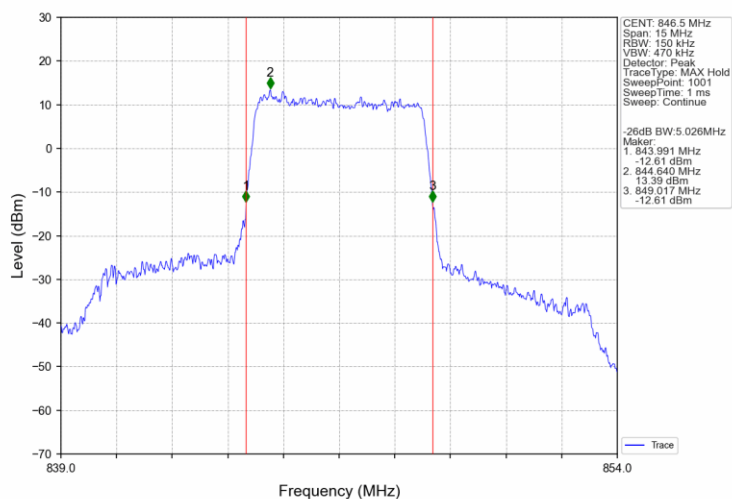
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



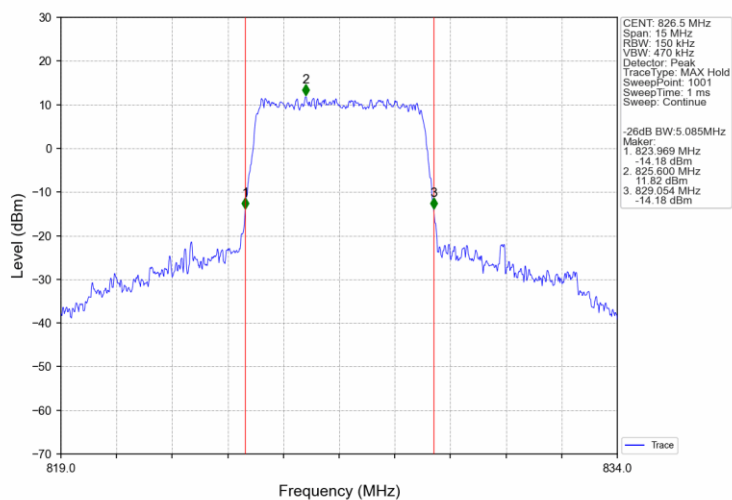
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



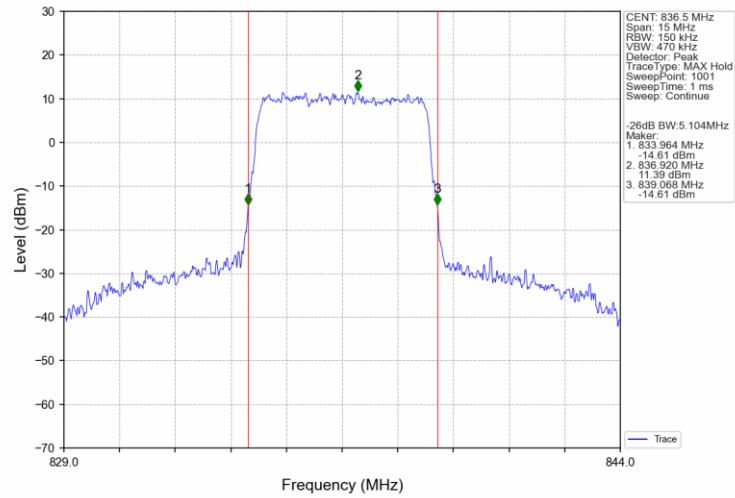
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



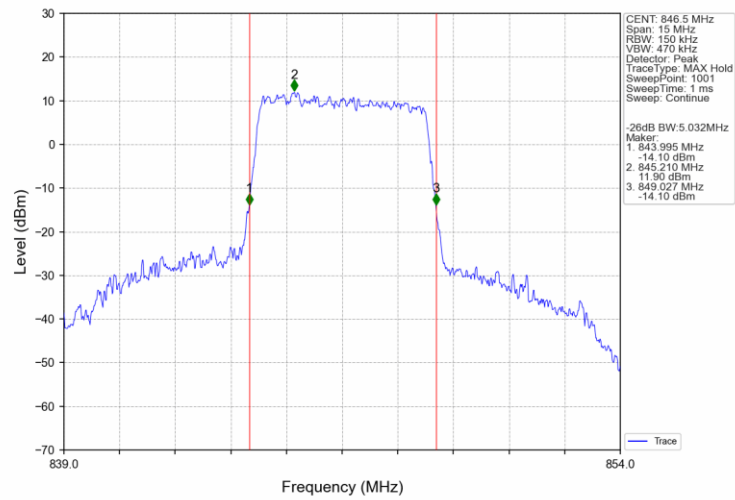
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



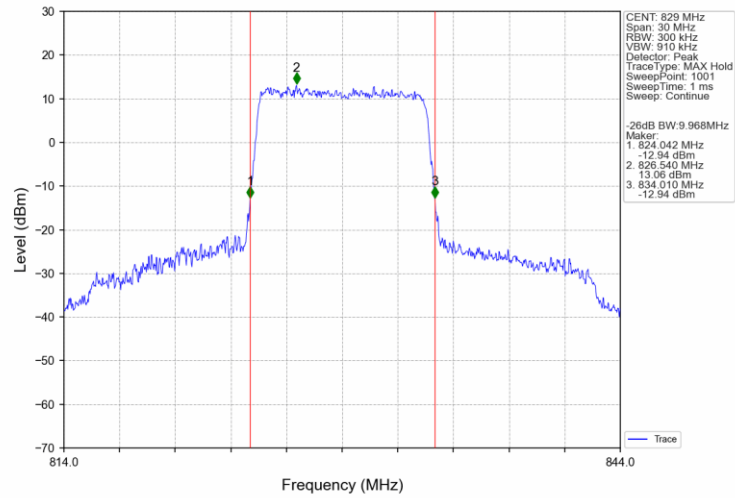
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



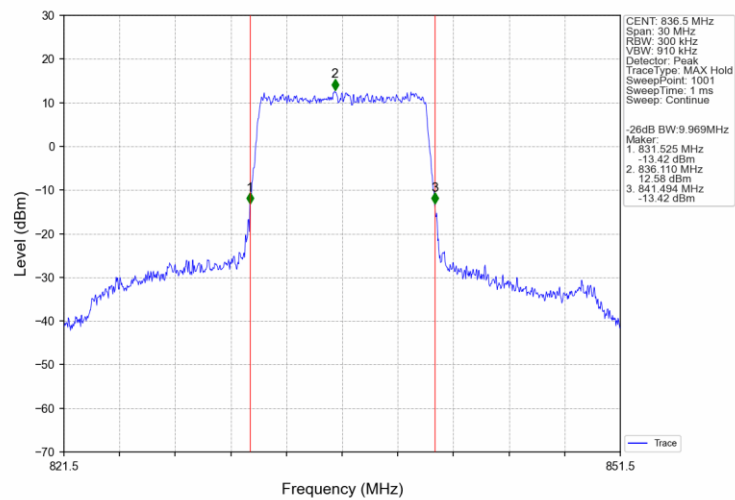
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



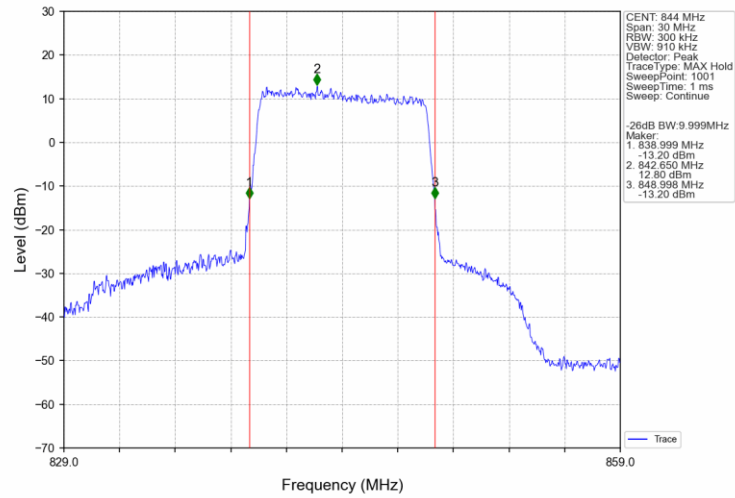
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



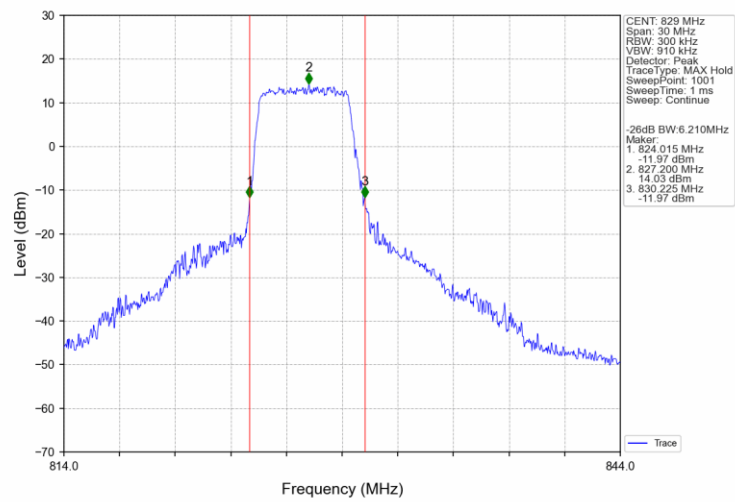
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



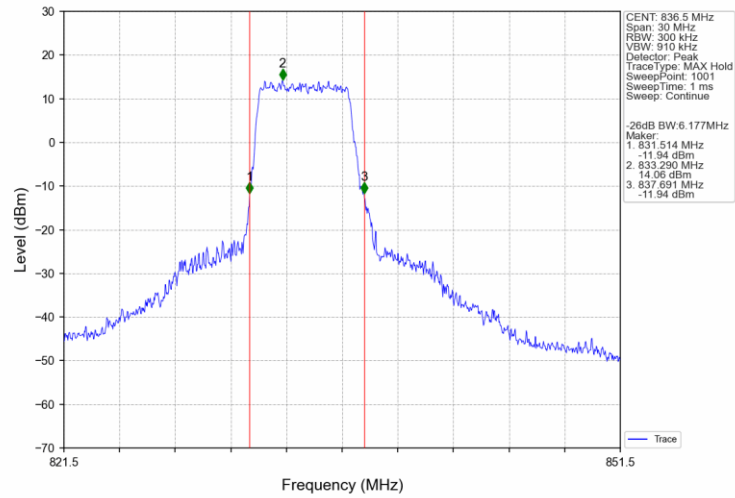
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



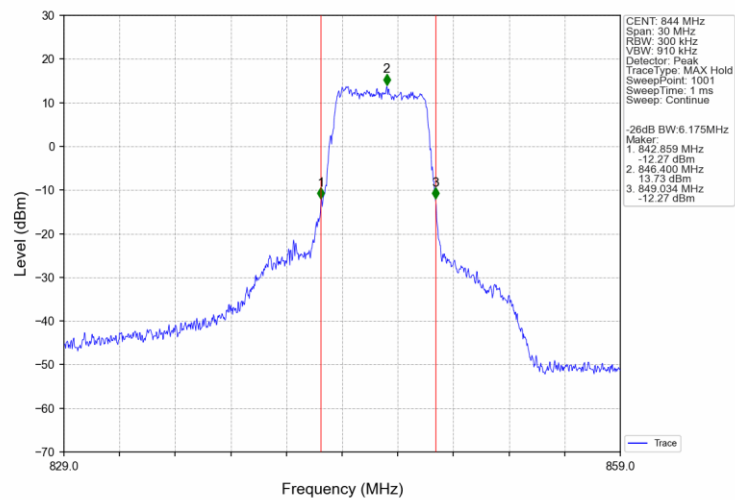
Band5 10MHz 16QAM LCH 829MHz RB 27 0 NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.74	<=13	Pass
	836.5	6	0	5.28	<=13	Pass
	848.3	6	0	5.05	<=13	Pass
16QAM	824.7	6	0	5.57	<=13	Pass
	836.5	6	0	6.16	<=13	Pass
	848.3	6	0	5.79	<=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	5.42	<=13	Pass
	847.5	15	0	5.33	<=13	Pass
16QAM	825.5	15	0	5.75	<=13	Pass
	836.5	15	0	6.31	<=13	Pass
	847.5	15	0	6.13	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.18	<=13	Pass
	836.5	25	0	5.61	<=13	Pass
	846.5	25	0	5.51	<=13	Pass
16QAM	826.5	25	0	5.92	<=13	Pass
	836.5	25	0	6.28	<=13	Pass
	846.5	25	0	6.19	<=13	Pass

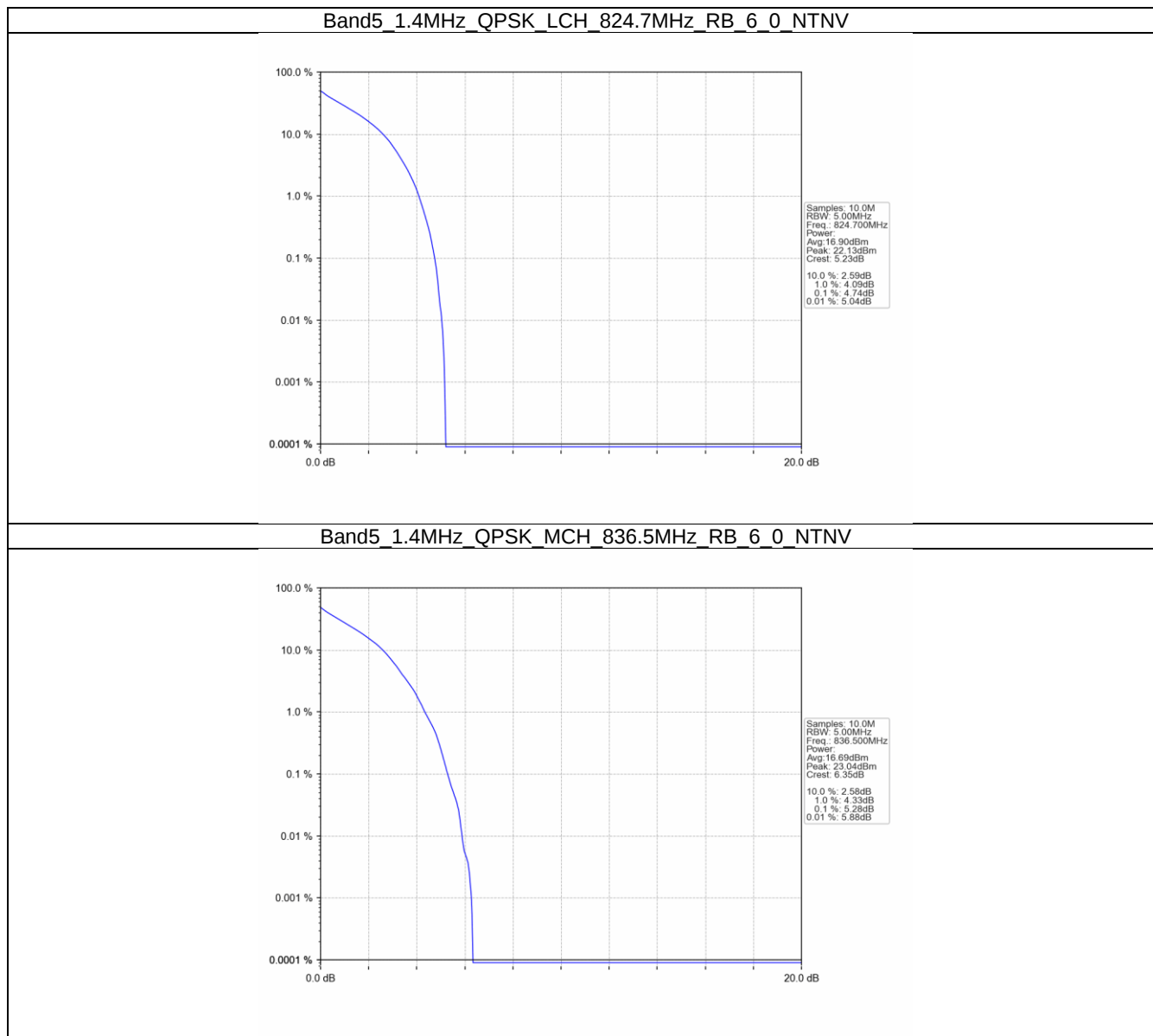
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.21	<=13	Pass
	836.5	50	0	5.49	<=13	Pass
	844	50	0	5.48	<=13	Pass
16QAM	829	27	0	5.73	<=13	Pass
	836.5	27	0	6.23	<=13	Pass
	844	27	23	6.11	<=13	Pass

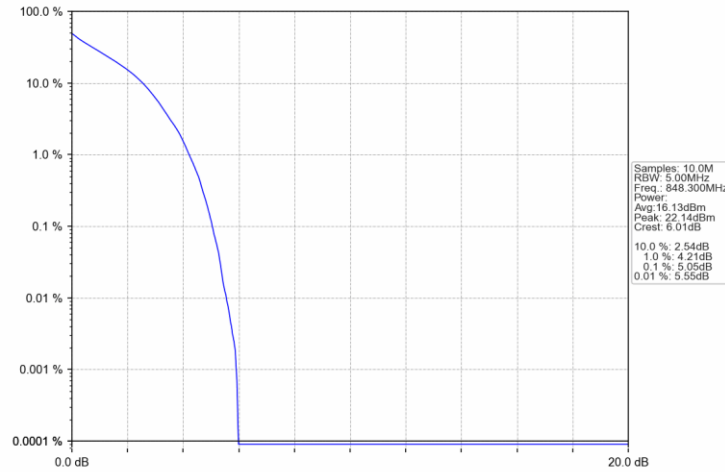


5.2 Test Graph

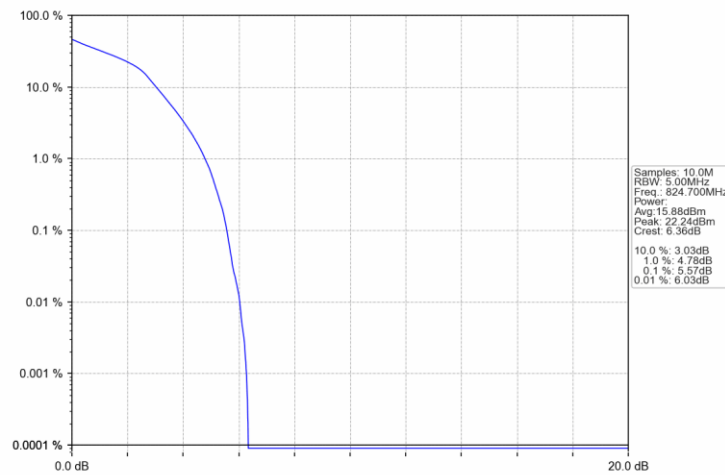
5.2.1 B5_1.4MHz



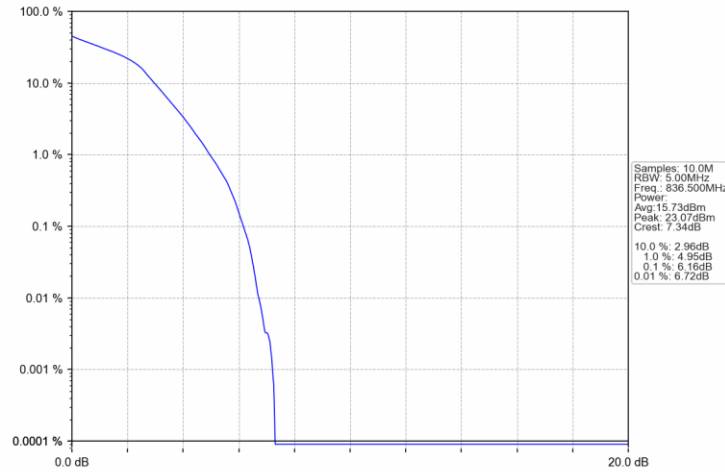
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



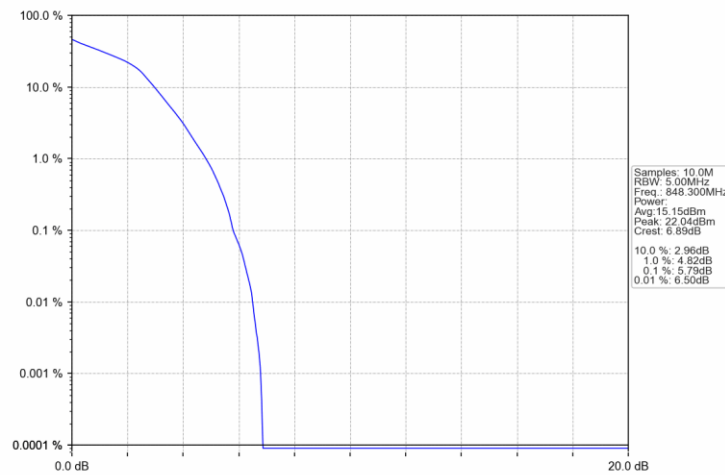
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



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

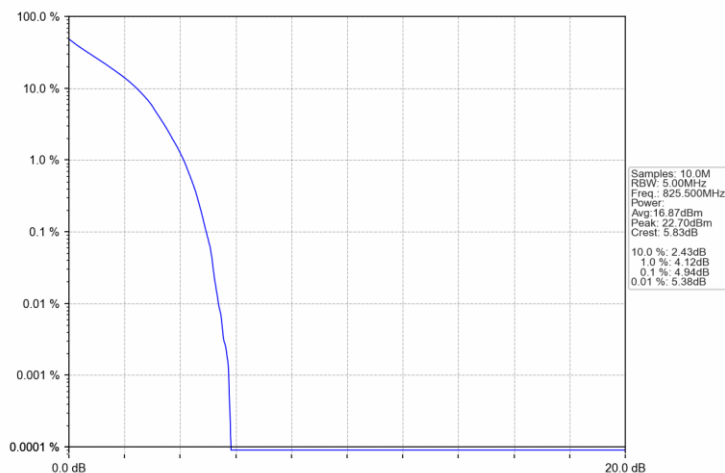


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTV

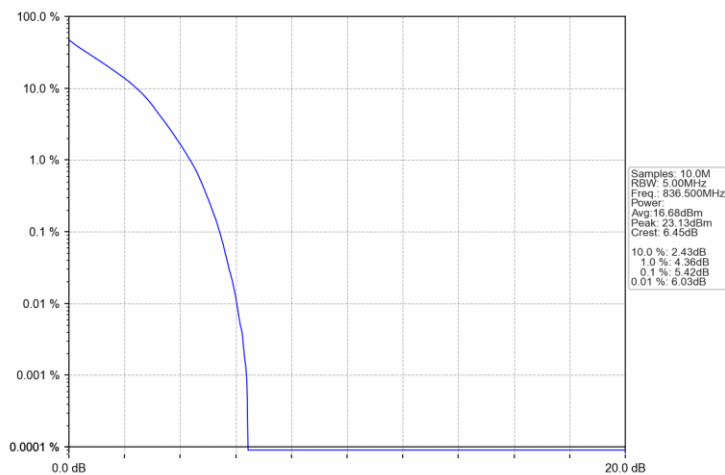


5.2.2 B5_3MHz

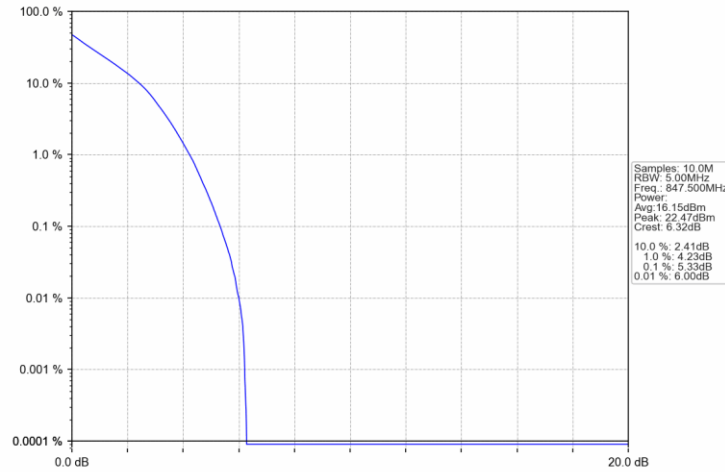
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



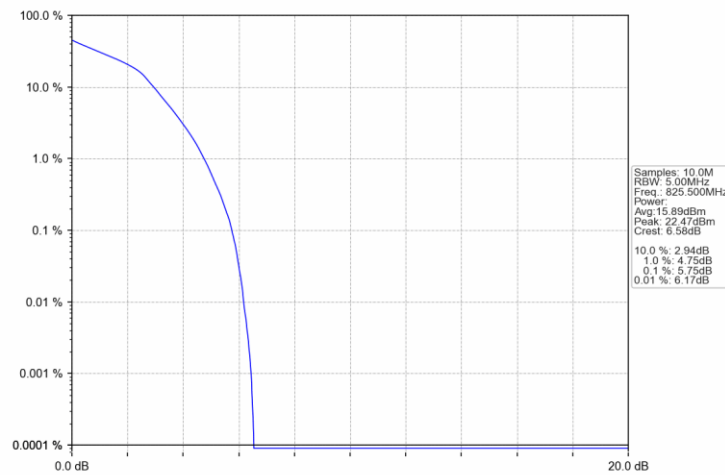
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



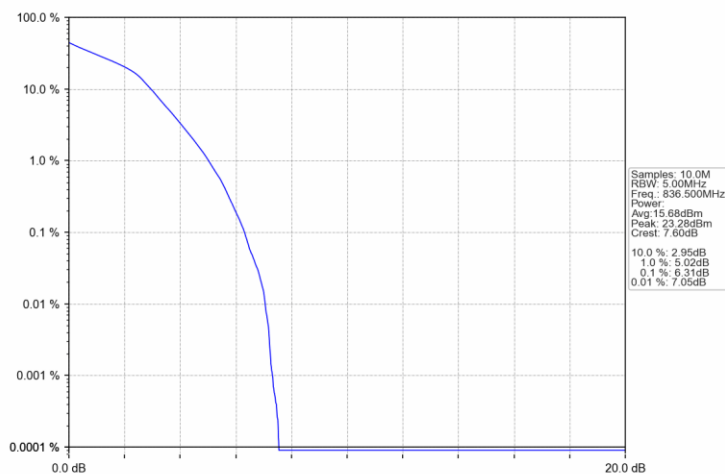
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



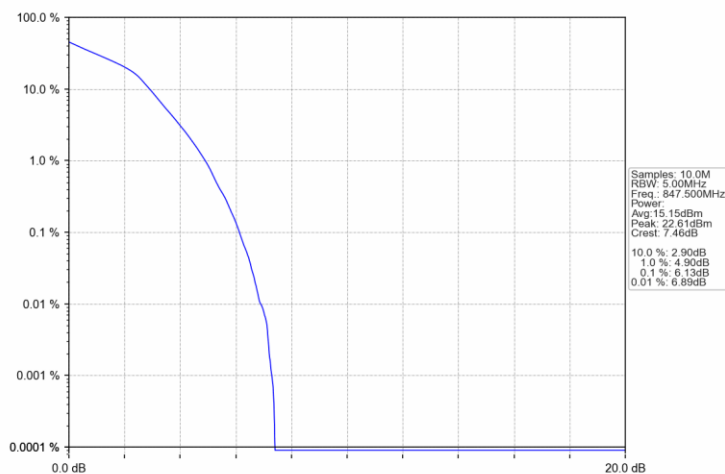
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



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

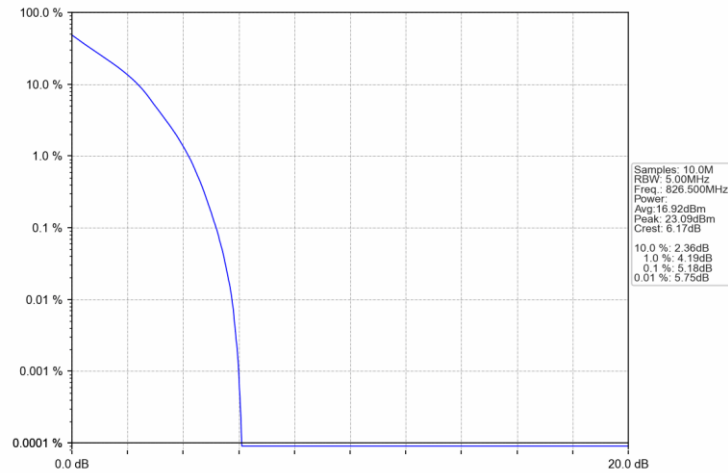


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

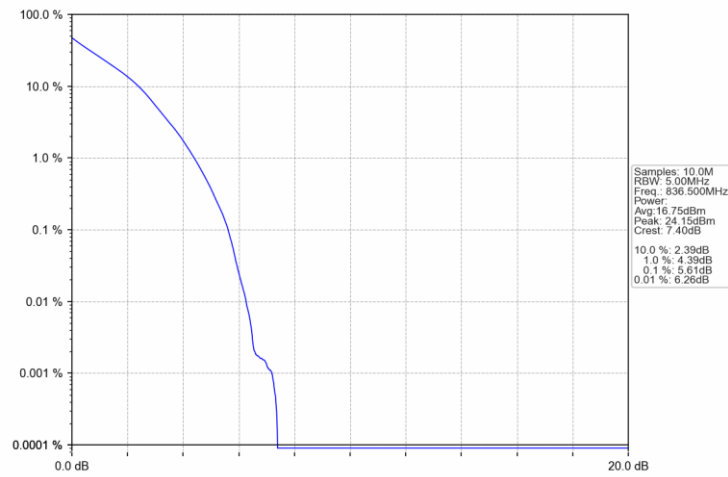


5.2.3 B5_5MHz

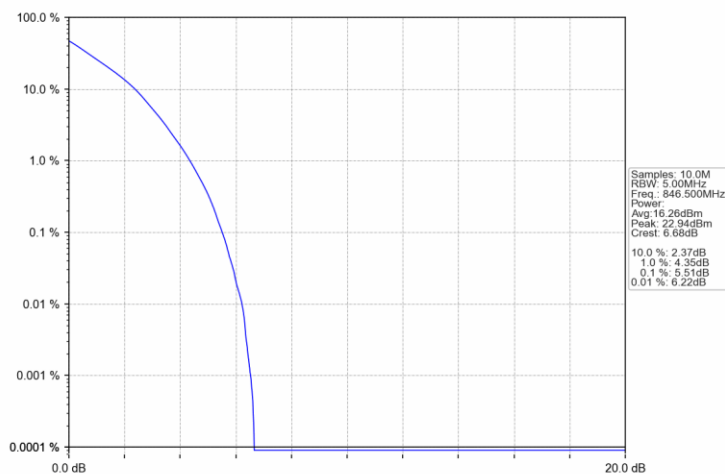
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



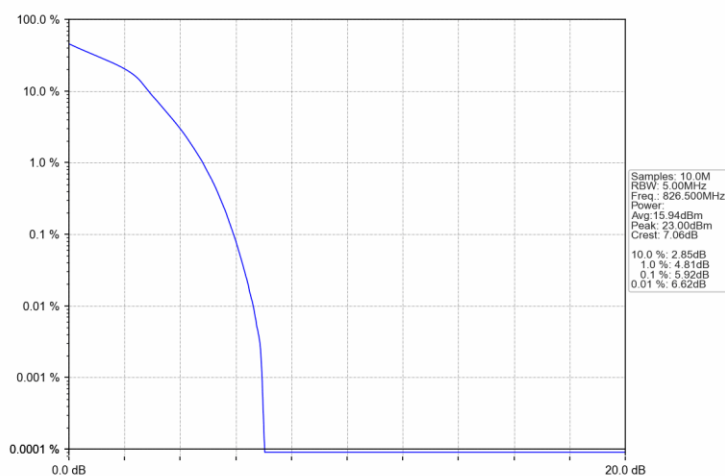
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



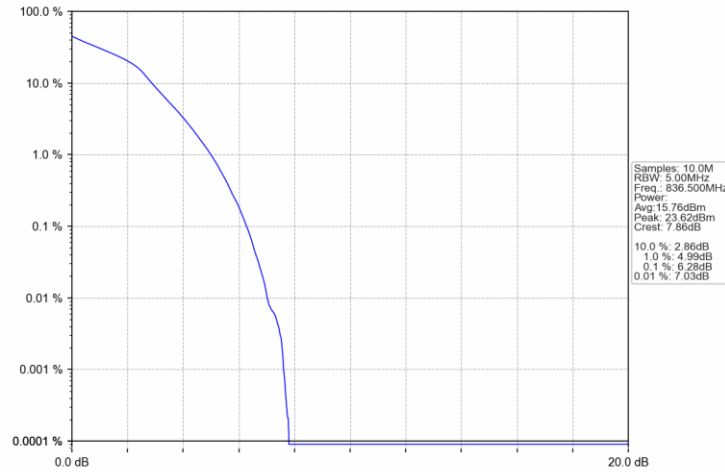
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



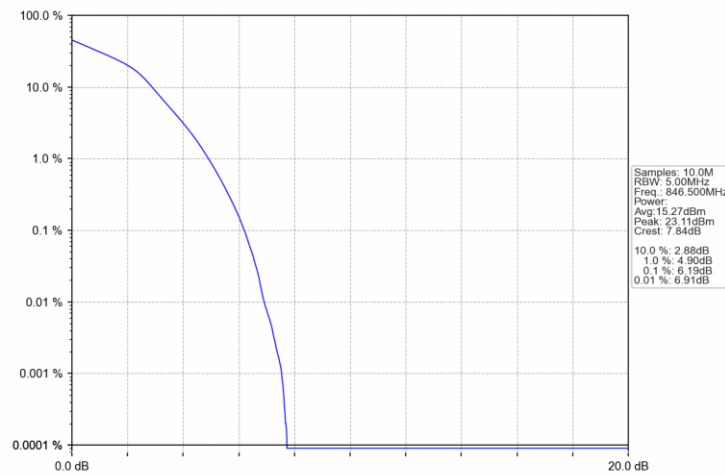
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



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

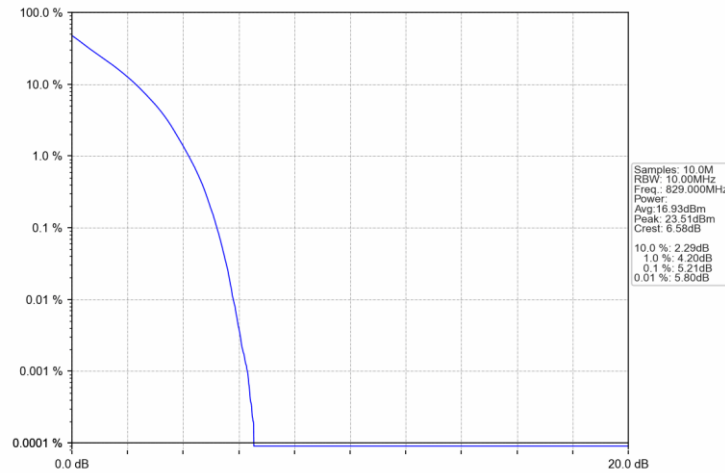


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

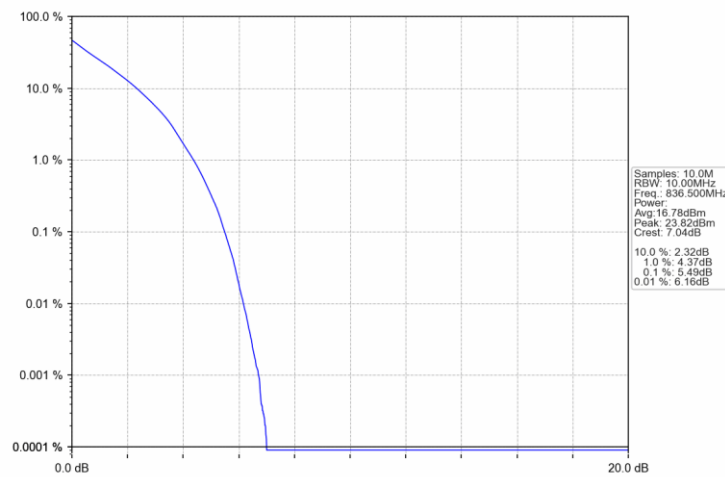


5.2.4 B5_10MHz

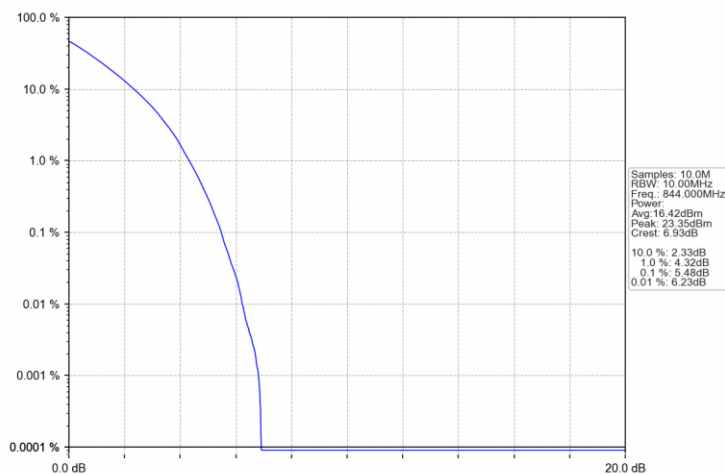
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



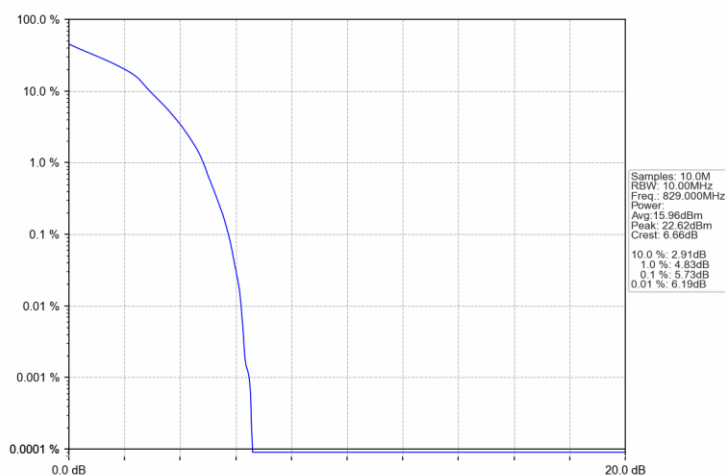
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



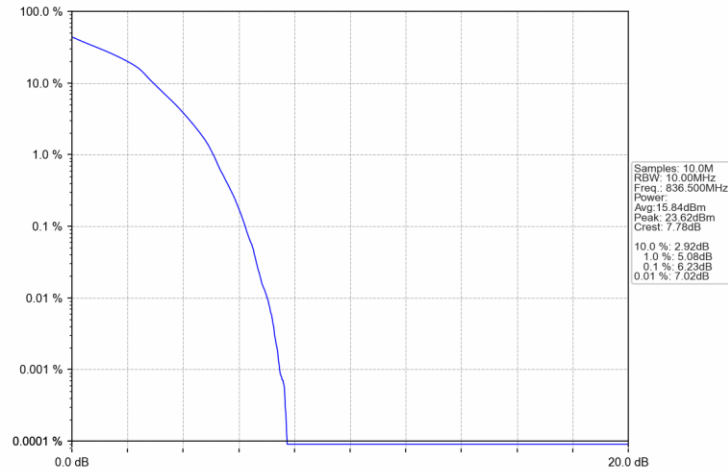
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



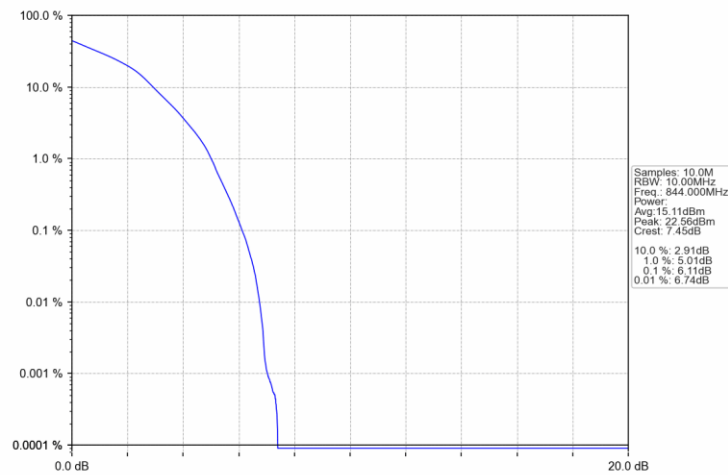
Band5 10MHz 16QAM LCH 829MHz RB 27 0 NTN



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		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

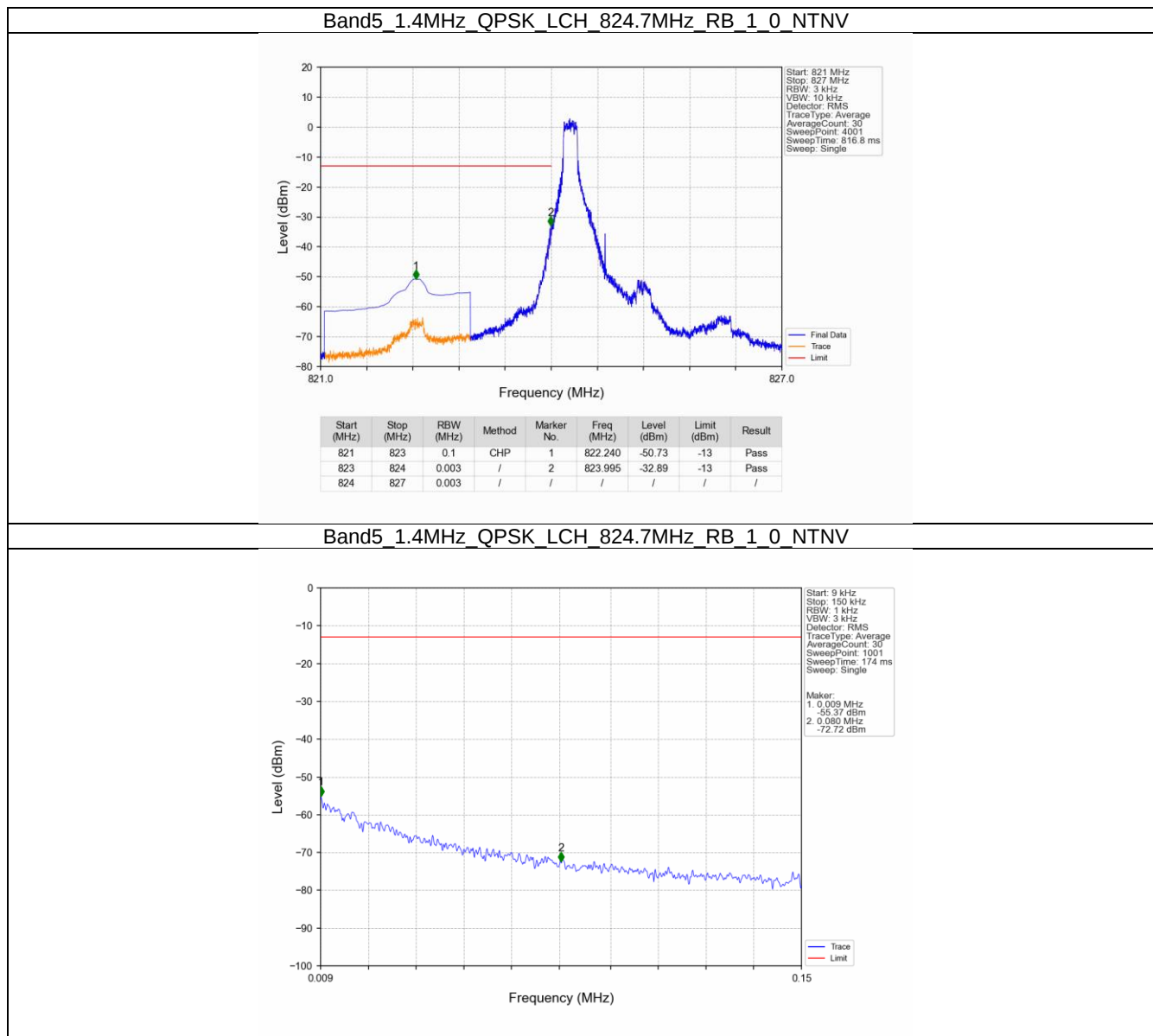
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

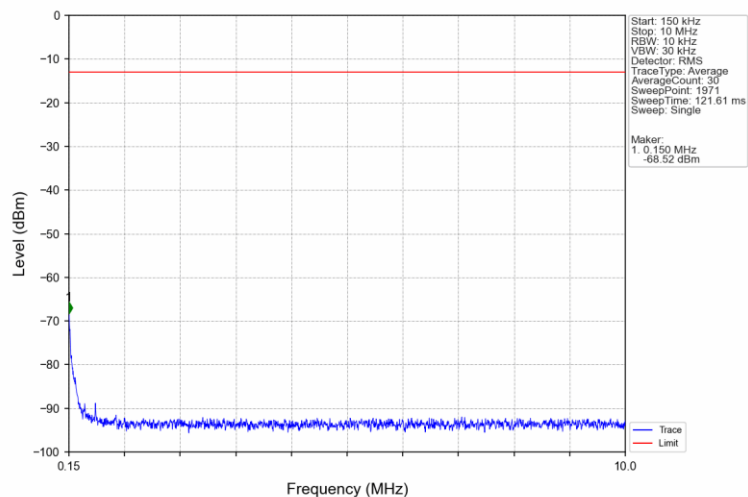
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
		50	49	Refer To Test Graph	Pass
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

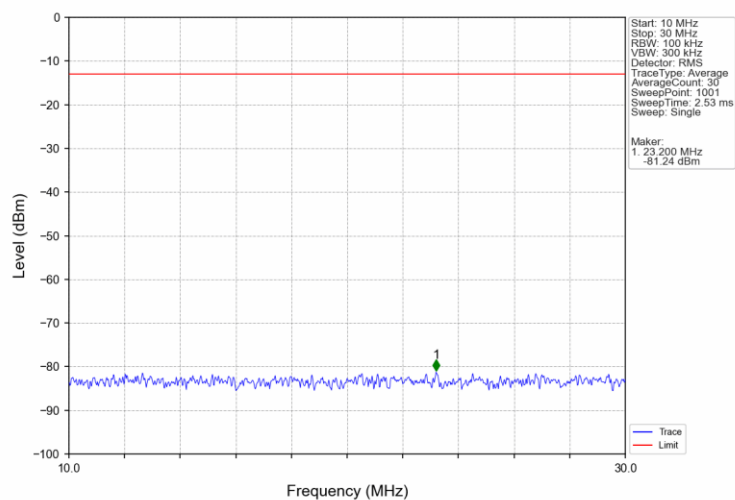
6.2.1 B5_1.4MHz



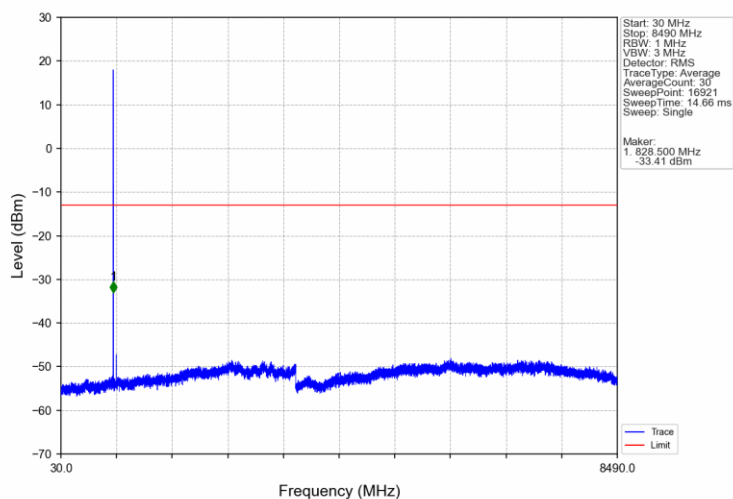
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



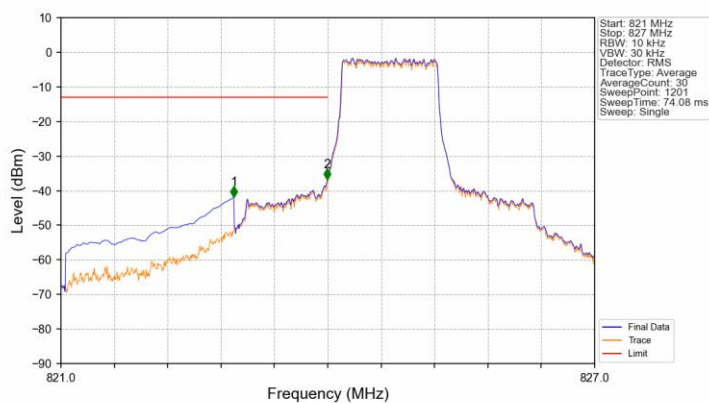
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



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	822.945	-41.84	-13	Pass
823	824	0.013	CHP	2	823.995	-36.84	-13	Pass
824	827	0.013	CHP	/	/	/	/	/