

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	23.99	-3.50	18.34	<=38.45	Pass
			2	24.02	-3.50	18.37	<=38.45	Pass
			5	23.99	-3.50	18.34	<=38.45	Pass
		3	0	24.10	-3.50	18.45	<=38.45	Pass
			2	24.10	-3.50	18.45	<=38.45	Pass
			3	24.12	-3.50	18.47	<=38.45	Pass
		6	0	23.06	-3.50	17.41	<=38.45	Pass
	836.5	1	0	24.07	-3.50	18.42	<=38.45	Pass
			2	24.08	-3.50	18.43	<=38.45	Pass
			5	24.07	-3.50	18.42	<=38.45	Pass
		3	0	24.13	-3.50	18.48	<=38.45	Pass
			2	24.12	-3.50	18.47	<=38.45	Pass
			3	24.10	-3.50	18.45	<=38.45	Pass
		6	0	23.16	-3.50	17.51	<=38.45	Pass
	848.3	1	0	23.96	-3.50	18.31	<=38.45	Pass
			2	23.92	-3.50	18.27	<=38.45	Pass
			5	23.92	-3.50	18.27	<=38.45	Pass
		3	0	24.05	-3.50	18.40	<=38.45	Pass
			2	24.07	-3.50	18.42	<=38.45	Pass
			3	24.07	-3.50	18.42	<=38.45	Pass
		6	0	23.04	-3.50	17.39	<=38.45	Pass
16QAM	824.7	1	0	23.07	-3.50	17.42	<=38.45	Pass
			2	23.09	-3.50	17.44	<=38.45	Pass
			5	23.10	-3.50	17.45	<=38.45	Pass
		3	0	23.09	-3.50	17.44	<=38.45	Pass
			2	23.07	-3.50	17.42	<=38.45	Pass
			3	23.07	-3.50	17.42	<=38.45	Pass
		6	0	21.95	-3.50	16.30	<=38.45	Pass
	836.5	1	0	23.32	-3.50	17.67	<=38.45	Pass
			2	23.31	-3.50	17.66	<=38.45	Pass
			5	23.33	-3.50	17.68	<=38.45	Pass
		3	0	23.12	-3.50	17.47	<=38.45	Pass
			2	23.10	-3.50	17.45	<=38.45	Pass
			3	23.10	-3.50	17.45	<=38.45	Pass
		6	0	22.16	-3.50	16.51	<=38.45	Pass
	848.3	1	0	22.82	-3.50	17.17	<=38.45	Pass
			2	22.91	-3.50	17.26	<=38.45	Pass
			5	22.89	-3.50	17.24	<=38.45	Pass
		3	0	23.16	-3.50	17.51	<=38.45	Pass
			2	23.22	-3.50	17.57	<=38.45	Pass
			3	23.22	-3.50	17.57	<=38.45	Pass
		6	0	22.04	-3.50	16.39	<=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	24.02	-3.50	18.37	<=38.45	Pass
			7	23.99	-3.50	18.34	<=38.45	Pass
			14	24.05	-3.50	18.40	<=38.45	Pass
		8	0	23.04	-3.50	17.39	<=38.45	Pass
			4	22.99	-3.50	17.34	<=38.45	Pass
			7	23.03	-3.50	17.38	<=38.45	Pass
		15	0	23.04	-3.50	17.39	<=38.45	Pass
	836.5	1	0	24.06	-3.50	18.41	<=38.45	Pass
			7	24.10	-3.50	18.45	<=38.45	Pass
			14	24.01	-3.50	18.36	<=38.45	Pass
		8	0	23.10	-3.50	17.45	<=38.45	Pass
			4	23.13	-3.50	17.48	<=38.45	Pass
			7	23.16	-3.50	17.51	<=38.45	Pass
		15	0	23.15	-3.50	17.50	<=38.45	Pass
	847.5	1	0	23.96	-3.50	18.31	<=38.45	Pass
			7	23.77	-3.50	18.12	<=38.45	Pass
			14	23.63	-3.50	17.98	<=38.45	Pass
		8	0	23.00	-3.50	17.35	<=38.45	Pass
			4	23.00	-3.50	17.35	<=38.45	Pass
			7	22.99	-3.50	17.34	<=38.45	Pass
		15	0	23.04	-3.50	17.39	<=38.45	Pass
16QAM	825.5	1	0	23.09	-3.50	17.44	<=38.45	Pass
			7	23.07	-3.50	17.42	<=38.45	Pass
			14	23.11	-3.50	17.46	<=38.45	Pass
		8	0	22.12	-3.50	16.47	<=38.45	Pass
			4	22.08	-3.50	16.43	<=38.45	Pass
			7	22.12	-3.50	16.47	<=38.45	Pass
		15	0	22.09	-3.50	16.44	<=38.45	Pass
	836.5	1	0	23.09	-3.50	17.44	<=38.45	Pass
			7	23.23	-3.50	17.58	<=38.45	Pass
			14	23.06	-3.50	17.41	<=38.45	Pass
		8	0	22.09	-3.50	16.44	<=38.45	Pass
			4	22.13	-3.50	16.48	<=38.45	Pass
			7	22.13	-3.50	16.48	<=38.45	Pass
		15	0	22.11	-3.50	16.46	<=38.45	Pass
	847.5	1	0	23.07	-3.50	17.42	<=38.45	Pass
			7	23.07	-3.50	17.42	<=38.45	Pass
			14	23.06	-3.50	17.41	<=38.45	Pass
		8	0	22.21	-3.50	16.56	<=38.45	Pass
			4	22.21	-3.50	16.56	<=38.45	Pass
			7	22.19	-3.50	16.54	<=38.45	Pass
		15	0	22.12	-3.50	16.47	<=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	24.08	-3.50	18.43	<=38.45	Pass		
			13	24.08	-3.50	18.43	<=38.45	Pass		
			24	24.15	-3.50	18.50	<=38.45	Pass		
		12	0	23.02	-3.50	17.37	<=38.45	Pass		
			6	23.01	-3.50	17.36	<=38.45	Pass		
			13	22.99	-3.50	17.34	<=38.45	Pass		
		25	0	23.02	-3.50	17.37	<=38.45	Pass		
		836.5	1	0	24.07	-3.50	18.42	<=38.45	Pass	
				13	24.07	-3.50	18.42	<=38.45	Pass	
	24			24.11	-3.50	18.46	<=38.45	Pass		
	12		0	23.12	-3.50	17.47	<=38.45	Pass		
			6	23.12	-3.50	17.47	<=38.45	Pass		
			13	23.13	-3.50	17.48	<=38.45	Pass		
	25	0	23.16	-3.50	17.51	<=38.45	Pass			
	846.5	1	0	24.19	-3.50	18.54	<=38.45	Pass		
			13	24.08	-3.50	18.43	<=38.45	Pass		
			24	24.02	-3.50	18.37	<=38.45	Pass		
		12	0	23.11	-3.50	17.46	<=38.45	Pass		
			6	23.00	-3.50	17.35	<=38.45	Pass		
			13	23.00	-3.50	17.35	<=38.45	Pass		
		25	0	23.08	-3.50	17.43	<=38.45	Pass		
		16QAM	826.5	1	0	23.15	-3.50	17.50	<=38.45	Pass
					13	23.12	-3.50	17.47	<=38.45	Pass
	24				23.16	-3.50	17.51	<=38.45	Pass	
12	0			22.03	-3.50	16.38	<=38.45	Pass		
	6			22.06	-3.50	16.41	<=38.45	Pass		
	13			21.97	-3.50	16.32	<=38.45	Pass		
25	0			22.03	-3.50	16.38	<=38.45	Pass		
836.5	1		0	23.39	-3.50	17.74	<=38.45	Pass		
			13	23.32	-3.50	17.67	<=38.45	Pass		
			24	23.33	-3.50	17.68	<=38.45	Pass		
	12		0	22.19	-3.50	16.54	<=38.45	Pass		
			6	22.15	-3.50	16.50	<=38.45	Pass		
25	0		22.14	-3.50	16.49	<=38.45	Pass			
846.5	1		0	22.55	-3.50	16.90	<=38.45	Pass		
			13	22.39	-3.50	16.74	<=38.45	Pass		
		24	22.45	-3.50	16.80	<=38.45	Pass			
	12	0	22.14	-3.50	16.49	<=38.45	Pass			
		6	22.03	-3.50	16.38	<=38.45	Pass			
	25	0	22.13	-3.50	16.48	<=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								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.00	-3.50	18.35	<=38.45	Pass
			25	24.10	-3.50	18.45	<=38.45	Pass
			49	24.15	-3.50	18.50	<=38.45	Pass
		25	0	23.10	-3.50	17.45	<=38.45	Pass
			13	23.15	-3.50	17.50	<=38.45	Pass
			25	23.07	-3.50	17.42	<=38.45	Pass
		50	0	23.15	-3.50	17.50	<=38.45	Pass
			0	24.10	-3.50	18.45	<=38.45	Pass
			25	24.13	-3.50	18.48	<=38.45	Pass
	836.5	1	49	24.06	-3.50	18.41	<=38.45	Pass
			0	23.16	-3.50	17.51	<=38.45	Pass
			13	23.14	-3.50	17.49	<=38.45	Pass
		25	25	23.16	-3.50	17.51	<=38.45	Pass
			0	23.20	-3.50	17.55	<=38.45	Pass
		50	0	24.14	-3.50	18.49	<=38.45	Pass
			25	24.06	-3.50	18.41	<=38.45	Pass
			49	23.84	-3.50	18.19	<=38.45	Pass
	844	1	0	23.19	-3.50	17.54	<=38.45	Pass
			13	23.06	-3.50	17.41	<=38.45	Pass
			25	22.99	-3.50	17.34	<=38.45	Pass
		25	0	23.13	-3.50	17.48	<=38.45	Pass
			0	23.05	-3.50	17.40	<=38.45	Pass
			25	23.13	-3.50	17.48	<=38.45	Pass
		50	49	23.17	-3.50	17.52	<=38.45	Pass
			0	22.21	-3.50	16.56	<=38.45	Pass
			13	22.21	-3.50	16.56	<=38.45	Pass
16QAM	829	1	25	22.14	-3.50	16.49	<=38.45	Pass
			0	22.13	-3.50	16.48	<=38.45	Pass
			49	23.31	-3.50	17.66	<=38.45	Pass
		25	0	23.33	-3.50	17.68	<=38.45	Pass
			49	23.26	-3.50	17.61	<=38.45	Pass
			0	22.20	-3.50	16.55	<=38.45	Pass
		50	13	22.19	-3.50	16.54	<=38.45	Pass
			25	22.22	-3.50	16.57	<=38.45	Pass
			0	22.20	-3.50	16.55	<=38.45	Pass
	836.5	1	0	23.23	-3.50	17.58	<=38.45	Pass
			25	23.17	-3.50	17.52	<=38.45	Pass
			49	23.13	-3.50	17.48	<=38.45	Pass
		25	0	22.24	-3.50	16.59	<=38.45	Pass
			13	22.12	-3.50	16.47	<=38.45	Pass
			25	22.05	-3.50	16.40	<=38.45	Pass
		50	0	22.11	-3.50	16.46	<=38.45	Pass
			0	23.23	-3.50	17.58	<=38.45	Pass
			25	23.17	-3.50	17.52	<=38.45	Pass
	844	1	49	23.13	-3.50	17.48	<=38.45	Pass
			0	22.24	-3.50	16.59	<=38.45	Pass
			13	22.12	-3.50	16.47	<=38.45	Pass
		25	25	22.05	-3.50	16.40	<=38.45	Pass
			0	22.11	-3.50	16.46	<=38.45	Pass
			0	23.23	-3.50	17.58	<=38.45	Pass
		50	25	23.17	-3.50	17.52	<=38.45	Pass
			49	23.13	-3.50	17.48	<=38.45	Pass
			0	22.24	-3.50	16.59	<=38.45	Pass
		50	13	22.12	-3.50	16.47	<=38.45	Pass
			25	22.05	-3.50	16.40	<=38.45	Pass
			0	22.11	-3.50	16.46	<=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	3.23	1.001	0.0012	-2.5 to 2.5	Pass
					3.80	-0.815	-0.0010	-2.5 to 2.5	Pass
					4.37	0.672	0.0008	-2.5 to 2.5	Pass
				-30	3.80	0.086	0.0001	-2.5 to 2.5	Pass
				-20	3.80	1.245	0.0015	-2.5 to 2.5	Pass
				-10	3.80	-2.875	-0.0035	-2.5 to 2.5	Pass
				0	3.80	-2.832	-0.0034	-2.5 to 2.5	Pass
				10	3.80	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.80	-4.292	-0.0052	-2.5 to 2.5	Pass
				40	3.80	0.286	0.0003	-2.5 to 2.5	Pass
				50	3.80	-3.562	-0.0043	-2.5 to 2.5	Pass
	836.5	6	0	20	3.23	-3.262	-0.0039	-2.5 to 2.5	Pass
					3.80	3.963	0.0047	-2.5 to 2.5	Pass
					4.37	-4.735	-0.0057	-2.5 to 2.5	Pass
				-30	3.80	4.463	0.0053	-2.5 to 2.5	Pass
				-20	3.80	3.090	0.0037	-2.5 to 2.5	Pass
				-10	3.80	-3.691	-0.0044	-2.5 to 2.5	Pass
				0	3.80	2.089	0.0025	-2.5 to 2.5	Pass
				10	3.80	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.80	1.030	0.0012	-2.5 to 2.5	Pass
				40	3.80	-1.745	-0.0021	-2.5 to 2.5	Pass
				50	3.80	3.061	0.0037	-2.5 to 2.5	Pass
	848.3	6	0	20	3.23	-0.587	-0.0007	-2.5 to 2.5	Pass
					3.80	-0.873	-0.0010	-2.5 to 2.5	Pass
					4.37	2.718	0.0032	-2.5 to 2.5	Pass
				-30	3.80	-1.073	-0.0013	-2.5 to 2.5	Pass
				-20	3.80	0.858	0.0010	-2.5 to 2.5	Pass
				-10	3.80	-0.358	-0.0004	-2.5 to 2.5	Pass
				0	3.80	4.020	0.0047	-2.5 to 2.5	Pass
				10	3.80	-3.448	-0.0041	-2.5 to 2.5	Pass
				30	3.80	-1.202	-0.0014	-2.5 to 2.5	Pass
				40	3.80	0.587	0.0007	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.23	3.862	0.0047	-2.5 to 2.5	Pass
					3.80	1.245	0.0015	-2.5 to 2.5	Pass
					4.37	-2.875	-0.0035	-2.5 to 2.5	Pass
				-30	3.80	-0.129	-0.0002	-2.5 to 2.5	Pass
				-20	3.80	6.366	0.0077	-2.5 to 2.5	Pass
				-10	3.80	-3.734	-0.0045	-2.5 to 2.5	Pass
				0	3.80	-7.038	-0.0085	-2.5 to 2.5	Pass
				10	3.80	2.589	0.0031	-2.5 to 2.5	Pass
				30	3.80	0.529	0.0006	-2.5 to 2.5	Pass
				40	3.80	-5.250	-0.0064	-2.5 to 2.5	Pass
				50	3.80	1.602	0.0019	-2.5 to 2.5	Pass
	836.5	6	0	20	3.23	-4.334	-0.0052	-2.5 to 2.5	Pass
					3.80	1.531	0.0018	-2.5 to 2.5	Pass
					4.37	-4.034	-0.0048	-2.5 to 2.5	Pass
				-30	3.80	-0.257	-0.0003	-2.5 to 2.5	Pass
				-20	3.80	4.063	0.0049	-2.5 to 2.5	Pass
				-10	3.80	-0.186	-0.0002	-2.5 to 2.5	Pass

				0	3.80	1.788	0.0021	-2.5 to 2.5	Pass
				10	3.80	-4.449	-0.0053	-2.5 to 2.5	Pass
				30	3.80	-4.005	-0.0048	-2.5 to 2.5	Pass
				40	3.80	1.073	0.0013	-2.5 to 2.5	Pass
				50	3.80	-1.516	-0.0018	-2.5 to 2.5	Pass
	848.3	6	0	20	3.23	2.460	0.0029	-2.5 to 2.5	Pass
					3.80	5.622	0.0066	-2.5 to 2.5	Pass
					4.37	-3.233	-0.0038	-2.5 to 2.5	Pass
				-30	3.80	4.334	0.0051	-2.5 to 2.5	Pass
				-20	3.80	-0.787	-0.0009	-2.5 to 2.5	Pass
				-10	3.80	2.403	0.0028	-2.5 to 2.5	Pass
				0	3.80	-1.917	-0.0023	-2.5 to 2.5	Pass
				10	3.80	3.891	0.0046	-2.5 to 2.5	Pass
				30	3.80	0.815	0.0010	-2.5 to 2.5	Pass
				40	3.80	3.462	0.0041	-2.5 to 2.5	Pass
				50	3.80	0.930	0.0011	-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	3.23	-6.652	-0.0081	-2.5 to 2.5	Pass
					3.80	-1.645	-0.0020	-2.5 to 2.5	Pass
					4.37	-1.216	-0.0015	-2.5 to 2.5	Pass
				-30	3.80	-4.549	-0.0055	-2.5 to 2.5	Pass
				-20	3.80	5.522	0.0067	-2.5 to 2.5	Pass
				-10	3.80	2.818	0.0034	-2.5 to 2.5	Pass
				0	3.80	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.80	-2.275	-0.0028	-2.5 to 2.5	Pass
				30	3.80	-0.772	-0.0009	-2.5 to 2.5	Pass
				40	3.80	-2.089	-0.0025	-2.5 to 2.5	Pass
	836.5	15	0	20	3.23	-3.963	-0.0047	-2.5 to 2.5	Pass
					3.80	3.748	0.0045	-2.5 to 2.5	Pass
					4.37	2.861	0.0034	-2.5 to 2.5	Pass
				-30	3.80	1.459	0.0017	-2.5 to 2.5	Pass
				-20	3.80	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	3.80	-1.588	-0.0019	-2.5 to 2.5	Pass
				0	3.80	-1.731	-0.0021	-2.5 to 2.5	Pass
				10	3.80	3.018	0.0036	-2.5 to 2.5	Pass
				30	3.80	-3.848	-0.0046	-2.5 to 2.5	Pass
				40	3.80	-0.772	-0.0009	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	-0.014	0.0000	-2.5 to 2.5	Pass
					3.80	-1.860	-0.0022	-2.5 to 2.5	Pass
					4.37	-7.038	-0.0083	-2.5 to 2.5	Pass
				-30	3.80	2.704	0.0032	-2.5 to 2.5	Pass
				-20	3.80	-1.488	-0.0018	-2.5 to 2.5	Pass
				-10	3.80	1.259	0.0015	-2.5 to 2.5	Pass
				0	3.80	-2.632	-0.0031	-2.5 to 2.5	Pass
				10	3.80	-0.229	-0.0003	-2.5 to 2.5	Pass
				30	3.80	0.658	0.0008	-2.5 to 2.5	Pass
				40	3.80	0.873	0.0010	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.23	1.173	0.0014	-2.5 to 2.5	Pass
					3.80	0.687	0.0008	-2.5 to 2.5	Pass
					4.37	3.247	0.0039	-2.5 to 2.5	Pass

				-30	3.80	-3.190	-0.0039	-2.5 to 2.5	Pass
				-20	3.80	-1.845	-0.0022	-2.5 to 2.5	Pass
				-10	3.80	-2.575	-0.0031	-2.5 to 2.5	Pass
				0	3.80	0.386	0.0005	-2.5 to 2.5	Pass
				10	3.80	-5.593	-0.0068	-2.5 to 2.5	Pass
				30	3.80	-3.619	-0.0044	-2.5 to 2.5	Pass
				40	3.80	2.575	0.0031	-2.5 to 2.5	Pass
				50	3.80	0.343	0.0004	-2.5 to 2.5	Pass
	836.5	15	0	20	3.23	-0.544	-0.0007	-2.5 to 2.5	Pass
					3.80	2.947	0.0035	-2.5 to 2.5	Pass
					4.37	3.762	0.0045	-2.5 to 2.5	Pass
				-30	3.80	1.960	0.0023	-2.5 to 2.5	Pass
				-20	3.80	0.701	0.0008	-2.5 to 2.5	Pass
				-10	3.80	1.202	0.0014	-2.5 to 2.5	Pass
				0	3.80	-0.272	-0.0003	-2.5 to 2.5	Pass
				10	3.80	4.749	0.0057	-2.5 to 2.5	Pass
				30	3.80	-0.515	-0.0006	-2.5 to 2.5	Pass
				40	3.80	1.159	0.0014	-2.5 to 2.5	Pass
				50	3.80	1.631	0.0019	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	0.587	0.0007	-2.5 to 2.5	Pass
					3.80	1.087	0.0013	-2.5 to 2.5	Pass
					4.37	-2.174	-0.0026	-2.5 to 2.5	Pass
				-30	3.80	-1.016	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	-3.662	-0.0043	-2.5 to 2.5	Pass
				-10	3.80	-1.173	-0.0014	-2.5 to 2.5	Pass
				0	3.80	-0.830	-0.0010	-2.5 to 2.5	Pass
				10	3.80	0.687	0.0008	-2.5 to 2.5	Pass
				30	3.80	0.787	0.0009	-2.5 to 2.5	Pass
				40	3.80	-2.346	-0.0028	-2.5 to 2.5	Pass
				50	3.80	1.087	0.0013	-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	3.23	0.401	0.0005	-2.5 to 2.5	Pass
					3.80	-1.831	-0.0022	-2.5 to 2.5	Pass
					4.37	-3.376	-0.0041	-2.5 to 2.5	Pass
				-30	3.80	-1.030	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	-1.101	-0.0013	-2.5 to 2.5	Pass
				-10	3.80	-1.574	-0.0019	-2.5 to 2.5	Pass
				0	3.80	-1.731	-0.0021	-2.5 to 2.5	Pass
				10	3.80	-1.273	-0.0015	-2.5 to 2.5	Pass
				30	3.80	-4.864	-0.0059	-2.5 to 2.5	Pass
				40	3.80	-2.904	-0.0035	-2.5 to 2.5	Pass
				50	3.80	-0.901	-0.0011	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	-3.061	-0.0037	-2.5 to 2.5	Pass
					3.80	-1.216	-0.0015	-2.5 to 2.5	Pass
					4.37	2.046	0.0024	-2.5 to 2.5	Pass
				-30	3.80	-4.363	-0.0052	-2.5 to 2.5	Pass
				-20	3.80	-2.604	-0.0031	-2.5 to 2.5	Pass
				-10	3.80	-1.903	-0.0023	-2.5 to 2.5	Pass
				0	3.80	-0.558	-0.0007	-2.5 to 2.5	Pass
				10	3.80	-0.873	-0.0010	-2.5 to 2.5	Pass
				30	3.80	-3.133	-0.0037	-2.5 to 2.5	Pass
				40	3.80	-1.631	-0.0019	-2.5 to 2.5	Pass
				50	3.80	-1.760	-0.0021	-2.5 to 2.5	Pass

	846.5	25	0	20	3.23	2.475	0.0029	-2.5 to 2.5	Pass
					3.80	0.057	0.0001	-2.5 to 2.5	Pass
					4.37	-0.787	-0.0009	-2.5 to 2.5	Pass
				-30	3.80	-1.802	-0.0021	-2.5 to 2.5	Pass
				-20	3.80	1.602	0.0019	-2.5 to 2.5	Pass
				-10	3.80	0.830	0.0010	-2.5 to 2.5	Pass
				0	3.80	-0.572	-0.0007	-2.5 to 2.5	Pass
				10	3.80	2.875	0.0034	-2.5 to 2.5	Pass
				30	3.80	0.172	0.0002	-2.5 to 2.5	Pass
				40	3.80	1.502	0.0018	-2.5 to 2.5	Pass
				50	3.80	0.672	0.0008	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.23	0.315	0.0004	-2.5 to 2.5	Pass
					3.80	0.186	0.0002	-2.5 to 2.5	Pass
					4.37	-1.016	-0.0012	-2.5 to 2.5	Pass
				-30	3.80	0.601	0.0007	-2.5 to 2.5	Pass
				-20	3.80	-5.479	-0.0066	-2.5 to 2.5	Pass
				-10	3.80	-2.904	-0.0035	-2.5 to 2.5	Pass
				0	3.80	0.529	0.0006	-2.5 to 2.5	Pass
				10	3.80	-2.789	-0.0034	-2.5 to 2.5	Pass
				30	3.80	1.445	0.0017	-2.5 to 2.5	Pass
				40	3.80	-2.689	-0.0033	-2.5 to 2.5	Pass
				50	3.80	2.646	0.0032	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	1.159	0.0014	-2.5 to 2.5	Pass
					3.80	-1.531	-0.0018	-2.5 to 2.5	Pass
					4.37	0.072	0.0001	-2.5 to 2.5	Pass
				-30	3.80	-3.362	-0.0040	-2.5 to 2.5	Pass
				-20	3.80	-2.432	-0.0029	-2.5 to 2.5	Pass
				-10	3.80	-3.948	-0.0047	-2.5 to 2.5	Pass
				0	3.80	-1.330	-0.0016	-2.5 to 2.5	Pass
				10	3.80	-3.533	-0.0042	-2.5 to 2.5	Pass
				30	3.80	-1.774	-0.0021	-2.5 to 2.5	Pass
				40	3.80	-1.216	-0.0015	-2.5 to 2.5	Pass
				50	3.80	-0.858	-0.0010	-2.5 to 2.5	Pass
	846.5	25	0	20	3.23	-0.429	-0.0005	-2.5 to 2.5	Pass
					3.80	0.715	0.0008	-2.5 to 2.5	Pass
					4.37	0.715	0.0008	-2.5 to 2.5	Pass
				-30	3.80	-1.287	-0.0015	-2.5 to 2.5	Pass
				-20	3.80	-0.272	-0.0003	-2.5 to 2.5	Pass
				-10	3.80	-1.273	-0.0015	-2.5 to 2.5	Pass
				0	3.80	2.947	0.0035	-2.5 to 2.5	Pass
				10	3.80	0.243	0.0003	-2.5 to 2.5	Pass
				30	3.80	-0.458	-0.0005	-2.5 to 2.5	Pass
				40	3.80	1.788	0.0021	-2.5 to 2.5	Pass
				50	3.80	0.973	0.0011	-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	3.23	0.987	0.0012	-2.5 to 2.5	Pass
					3.80	0.329	0.0004	-2.5 to 2.5	Pass
					4.37	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	3.80	0.315	0.0004	-2.5 to 2.5	Pass
				-20	3.80	-2.360	-0.0028	-2.5 to 2.5	Pass
				-10	3.80	1.116	0.0013	-2.5 to 2.5	Pass
				0	3.80	2.317	0.0028	-2.5 to 2.5	Pass
				10	3.80	0.358	0.0004	-2.5 to 2.5	Pass

				30	3.80	0.772	0.0009	-2.5 to 2.5	Pass
				40	3.80	-0.629	-0.0008	-2.5 to 2.5	Pass
				50	3.80	-0.057	-0.0001	-2.5 to 2.5	Pass
	836.5	50	0	20	3.23	-2.060	-0.0025	-2.5 to 2.5	Pass
					3.80	-1.531	-0.0018	-2.5 to 2.5	Pass
					4.37	-3.762	-0.0045	-2.5 to 2.5	Pass
				-30	3.80	0.715	0.0009	-2.5 to 2.5	Pass
				-20	3.80	-1.860	-0.0022	-2.5 to 2.5	Pass
				-10	3.80	-0.286	-0.0003	-2.5 to 2.5	Pass
				0	3.80	-1.602	-0.0019	-2.5 to 2.5	Pass
				10	3.80	-0.615	-0.0007	-2.5 to 2.5	Pass
				30	3.80	-0.930	-0.0011	-2.5 to 2.5	Pass
				40	3.80	-0.830	-0.0010	-2.5 to 2.5	Pass
				50	3.80	0.715	0.0009	-2.5 to 2.5	Pass
	844	50	0	20	3.23	-3.662	-0.0043	-2.5 to 2.5	Pass
					3.80	-1.459	-0.0017	-2.5 to 2.5	Pass
					4.37	-0.386	-0.0005	-2.5 to 2.5	Pass
				-30	3.80	-0.558	-0.0007	-2.5 to 2.5	Pass
				-20	3.80	-1.674	-0.0020	-2.5 to 2.5	Pass
				-10	3.80	-4.106	-0.0049	-2.5 to 2.5	Pass
				0	3.80	-2.832	-0.0034	-2.5 to 2.5	Pass
				10	3.80	-2.360	-0.0028	-2.5 to 2.5	Pass
				30	3.80	-2.561	-0.0030	-2.5 to 2.5	Pass
				40	3.80	-1.717	-0.0020	-2.5 to 2.5	Pass
				50	3.80	-1.159	-0.0014	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.23	1.044	0.0013	-2.5 to 2.5	Pass
					3.80	-0.730	-0.0009	-2.5 to 2.5	Pass
					4.37	-1.187	-0.0014	-2.5 to 2.5	Pass
				-30	3.80	0.343	0.0004	-2.5 to 2.5	Pass
				-20	3.80	-1.674	-0.0020	-2.5 to 2.5	Pass
				-10	3.80	2.060	0.0025	-2.5 to 2.5	Pass
				0	3.80	0.415	0.0005	-2.5 to 2.5	Pass
				10	3.80	4.592	0.0055	-2.5 to 2.5	Pass
				30	3.80	2.718	0.0033	-2.5 to 2.5	Pass
				40	3.80	0.887	0.0011	-2.5 to 2.5	Pass
				50	3.80	-0.658	-0.0008	-2.5 to 2.5	Pass
	836.5	50	0	20	3.23	0.815	0.0010	-2.5 to 2.5	Pass
					3.80	-1.059	-0.0013	-2.5 to 2.5	Pass
					4.37	-3.476	-0.0042	-2.5 to 2.5	Pass
				-30	3.80	-0.057	-0.0001	-2.5 to 2.5	Pass
				-20	3.80	-2.060	-0.0025	-2.5 to 2.5	Pass
				-10	3.80	1.459	0.0017	-2.5 to 2.5	Pass
				0	3.80	-1.245	-0.0015	-2.5 to 2.5	Pass
				10	3.80	-1.030	-0.0012	-2.5 to 2.5	Pass
				30	3.80	0.486	0.0006	-2.5 to 2.5	Pass
				40	3.80	0.429	0.0005	-2.5 to 2.5	Pass
				50	3.80	-4.535	-0.0054	-2.5 to 2.5	Pass
	844	50	0	20	3.23	-1.516	-0.0018	-2.5 to 2.5	Pass
					3.80	1.459	0.0017	-2.5 to 2.5	Pass
					4.37	-1.731	-0.0021	-2.5 to 2.5	Pass
				-30	3.80	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.80	-1.559	-0.0018	-2.5 to 2.5	Pass
				-10	3.80	-2.503	-0.0030	-2.5 to 2.5	Pass
				0	3.80	-2.017	-0.0024	-2.5 to 2.5	Pass
				10	3.80	-0.587	-0.0007	-2.5 to 2.5	Pass
				30	3.80	-0.529	-0.0006	-2.5 to 2.5	Pass
				40	3.80	0.329	0.0004	-2.5 to 2.5	Pass
				50	3.80	-0.486	-0.0006	-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

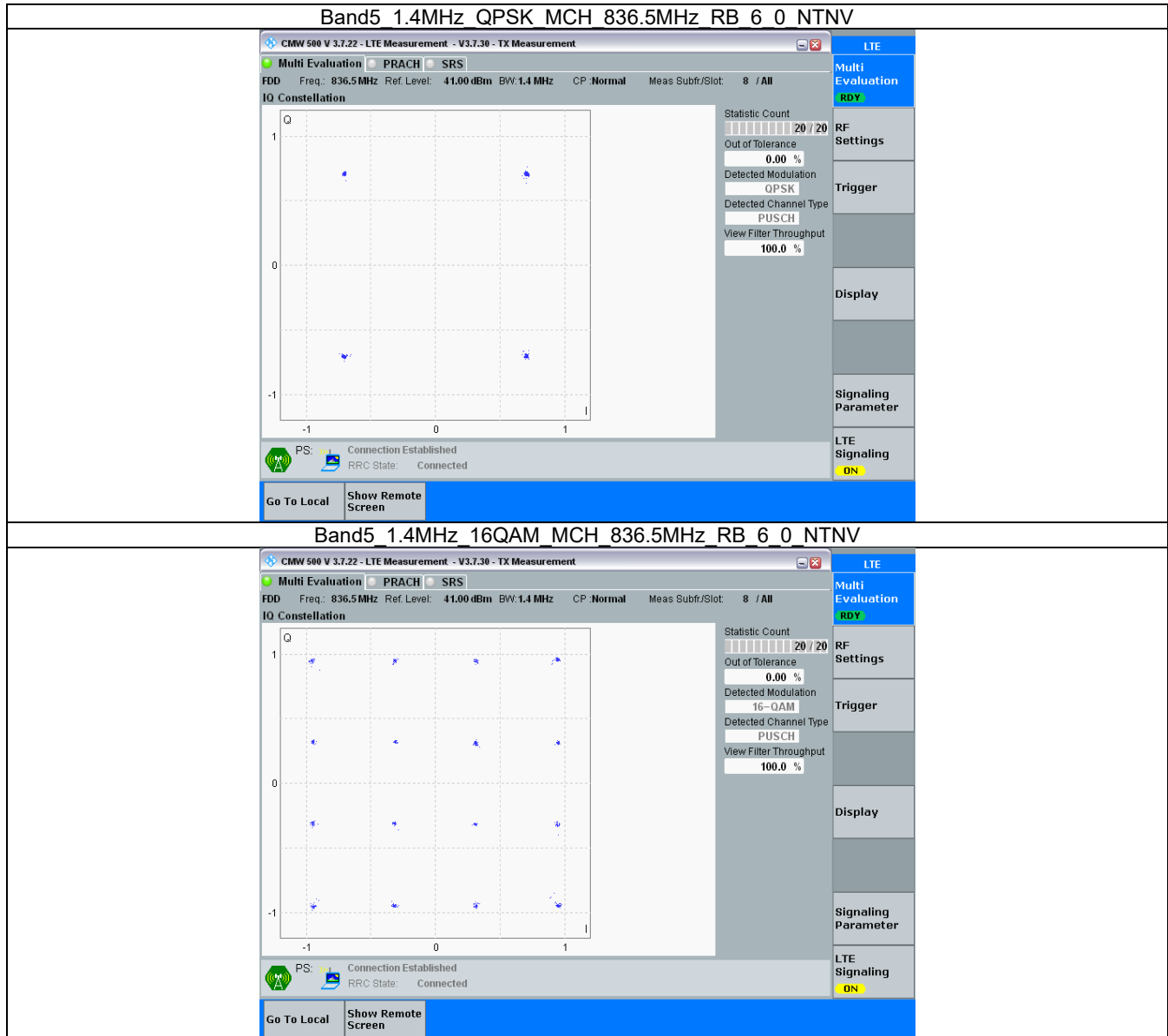
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

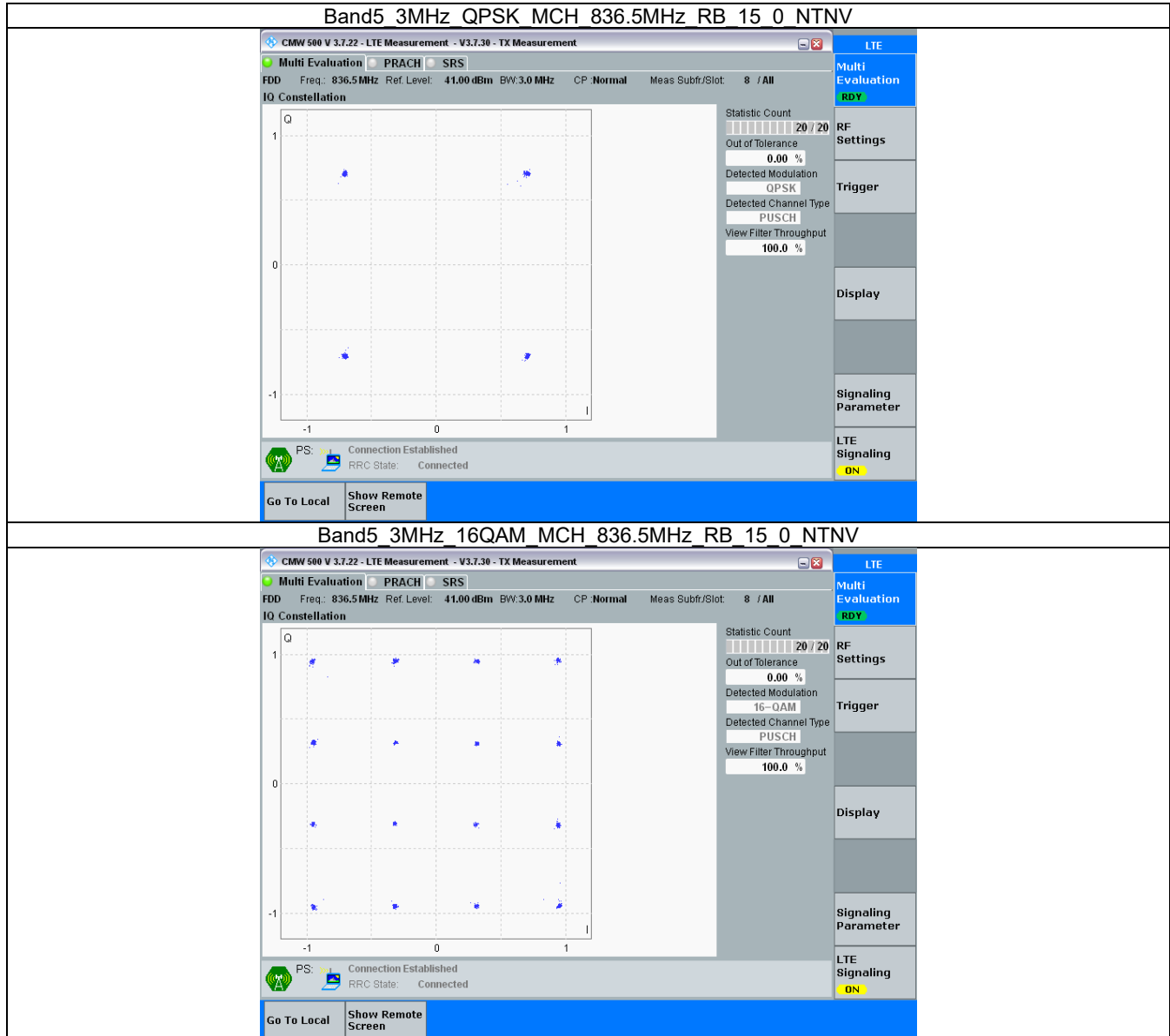
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

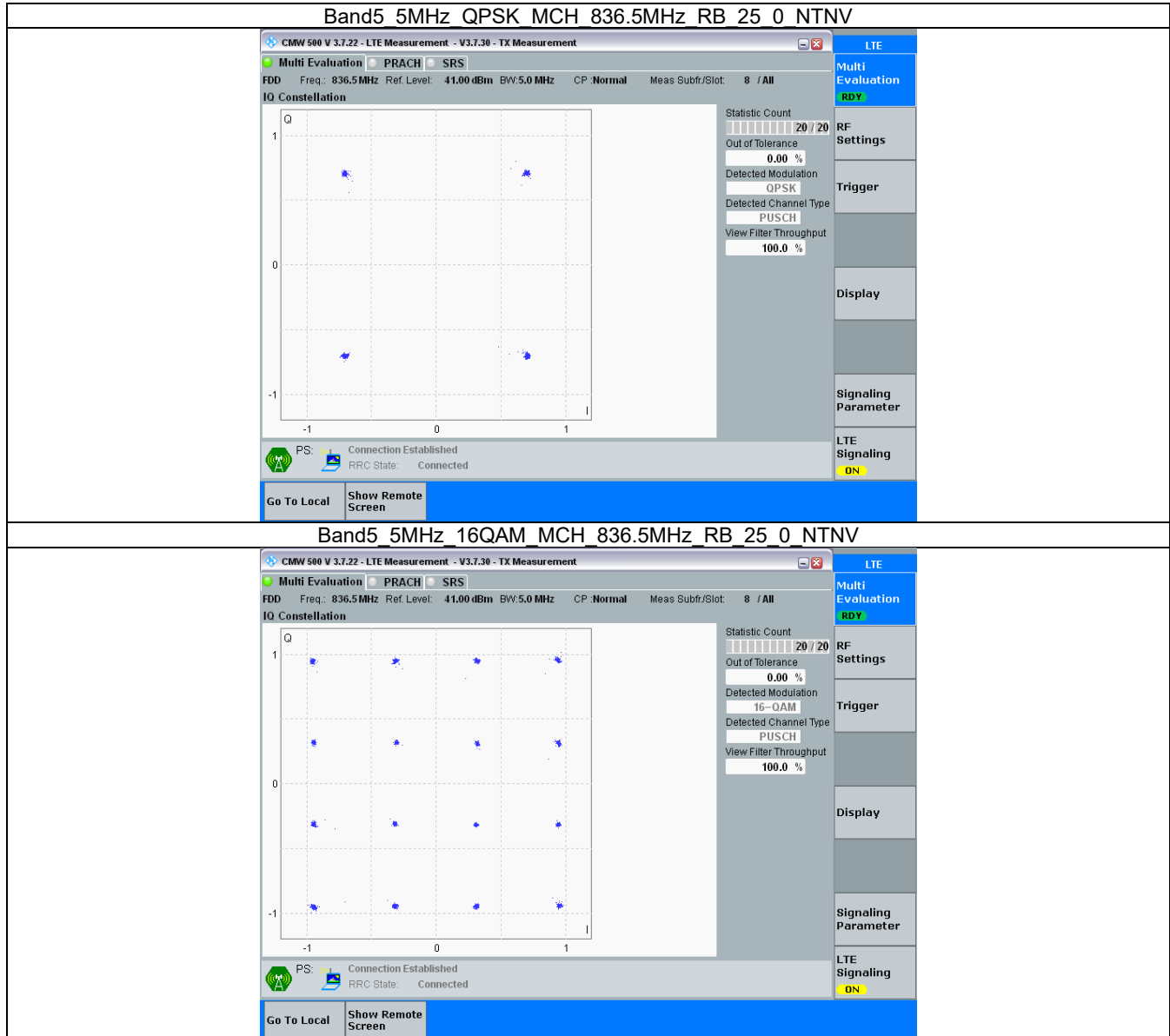
3.2.1 B5_1.4MHz



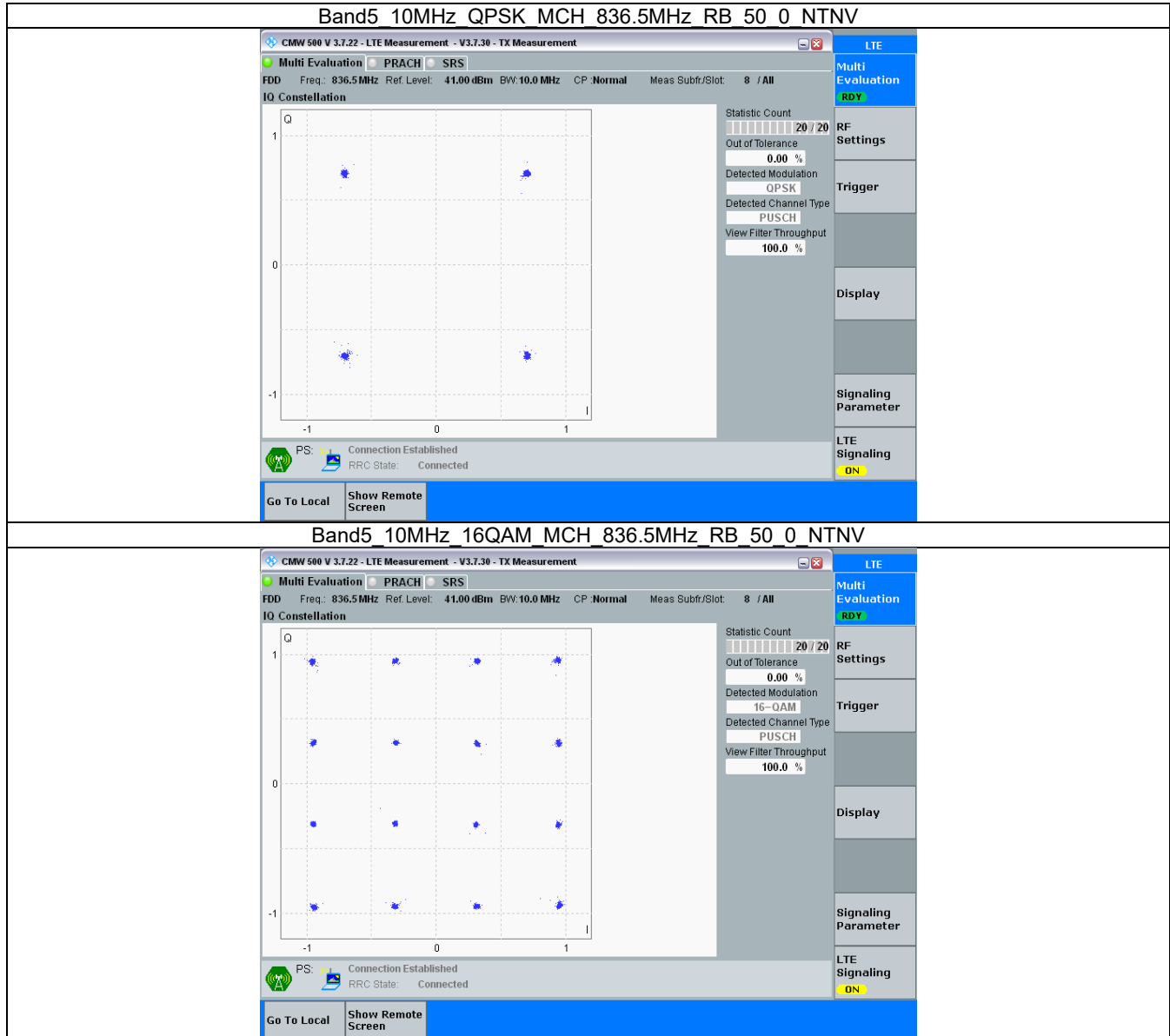
3.2.2 B5_3MHz



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	1.115	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.113	/	Pass
	16QAM	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.115	/	Pass
3	QPSK	825.5	15	0	2.737	/	Pass
		836.5	15	0	2.743	/	Pass
		847.5	15	0	2.735	/	Pass
	16QAM	825.5	15	0	2.729	/	Pass
		836.5	15	0	2.726	/	Pass
		847.5	15	0	2.721	/	Pass
5	QPSK	826.5	25	0	4.544	/	Pass
		836.5	25	0	4.542	/	Pass
		846.5	25	0	4.562	/	Pass
	16QAM	826.5	25	0	4.544	/	Pass
		836.5	25	0	4.561	/	Pass
		846.5	25	0	4.533	/	Pass
10	QPSK	829	50	0	9.048	/	Pass
		836.5	50	0	9.051	/	Pass
		844	50	0	9.024	/	Pass
	16QAM	829	50	0	9.036	/	Pass
		836.5	50	0	9.063	/	Pass
		844	50	0	9.051	/	Pass

4.1.2 Band5_XDB

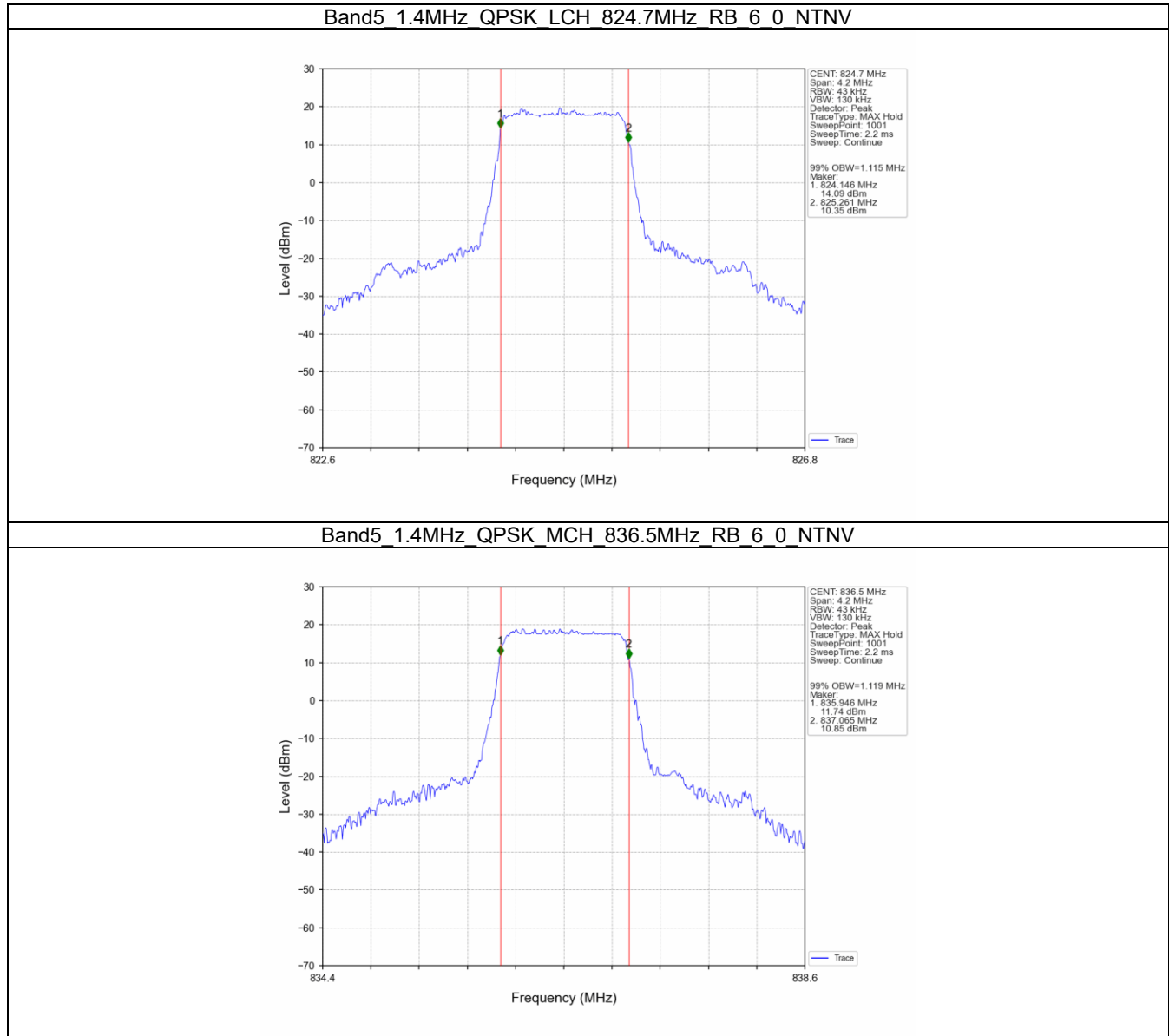
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.317	/	Pass
		836.5	6	0	1.343	/	Pass
		848.3	6	0	1.313	/	Pass
	16QAM	824.7	6	0	1.349	/	Pass
		836.5	6	0	1.316	/	Pass
		848.3	6	0	1.351	/	Pass
3	QPSK	825.5	15	0	3.024	/	Pass
		836.5	15	0	3.013	/	Pass
		847.5	15	0	3.018	/	Pass
	16QAM	825.5	15	0	3.025	/	Pass
		836.5	15	0	3.004	/	Pass
		847.5	15	0	3.045	/	Pass
5	QPSK	826.5	25	0	5.026	/	Pass
		836.5	25	0	5.051	/	Pass
		846.5	25	0	5.011	/	Pass
	16QAM	826.5	25	0	5.053	/	Pass
		836.5	25	0	5.084	/	Pass
		846.5	25	0	5.052	/	Pass
10	QPSK	829	50	0	9.963	/	Pass



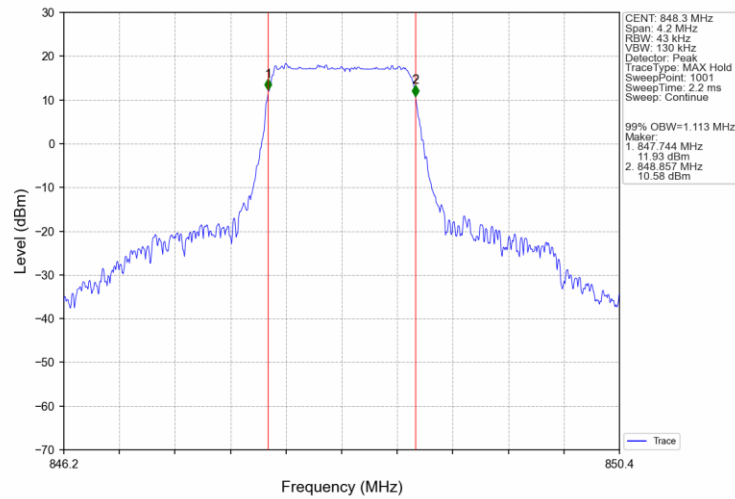
		836.5	50	0	9.941	/	Pass
		844	50	0	10.044	/	Pass
	16QAM	829	50	0	9.931	/	Pass
		836.5	50	0	9.981	/	Pass
		844	50	0	9.920	/	Pass

4.2 Test Graph

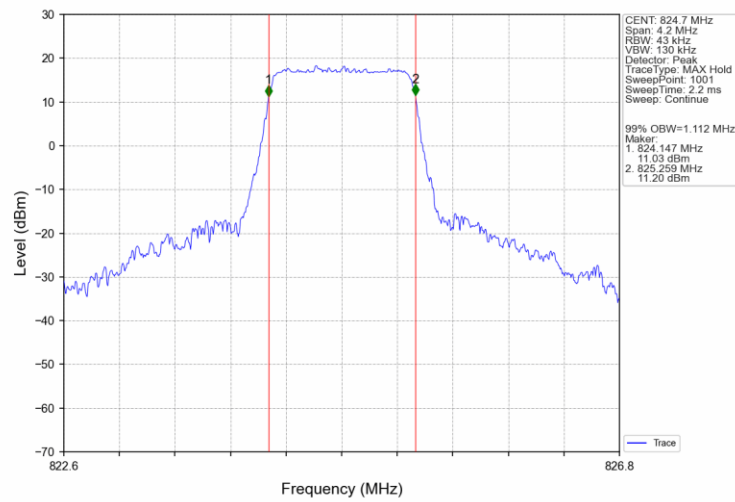
4.2.1 Band5_OBW



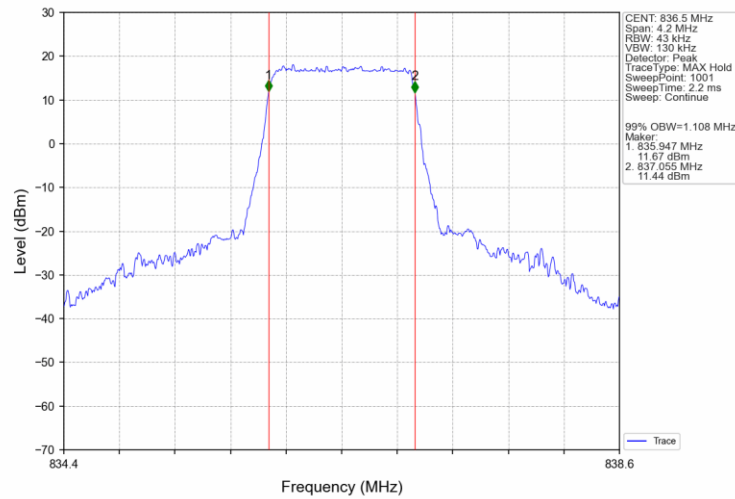
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



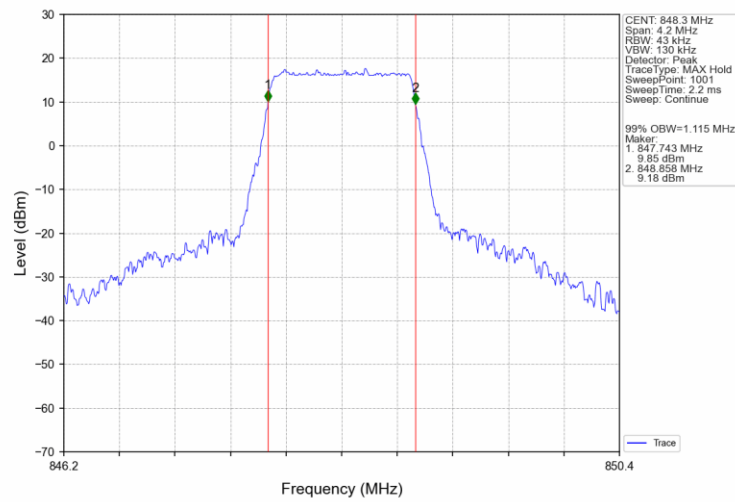
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



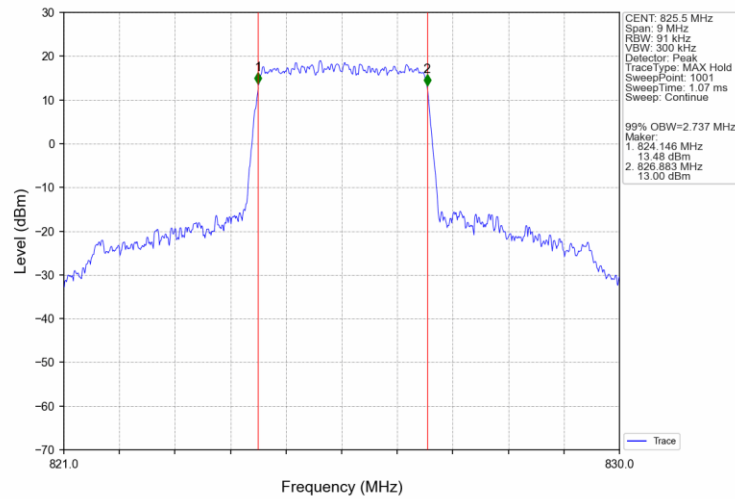
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



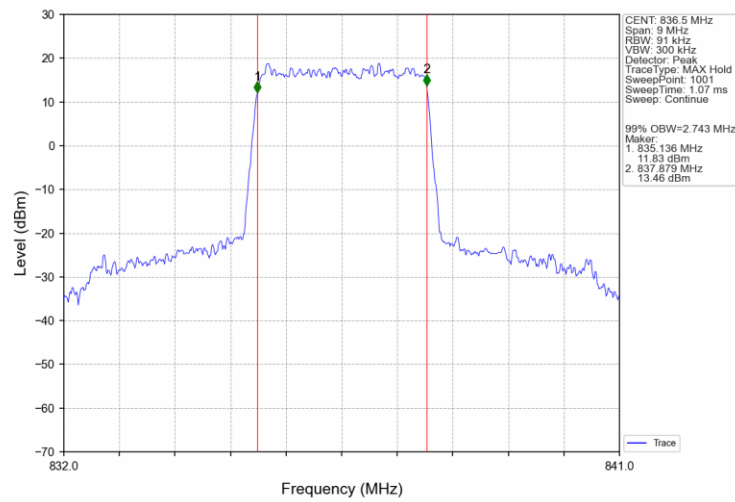
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



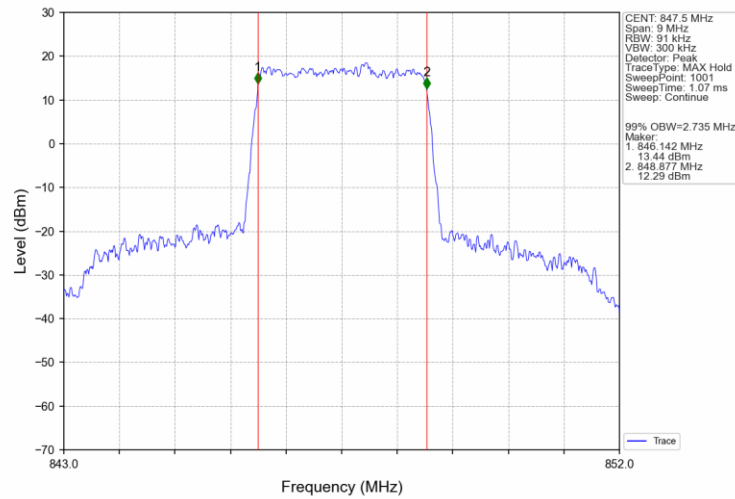
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



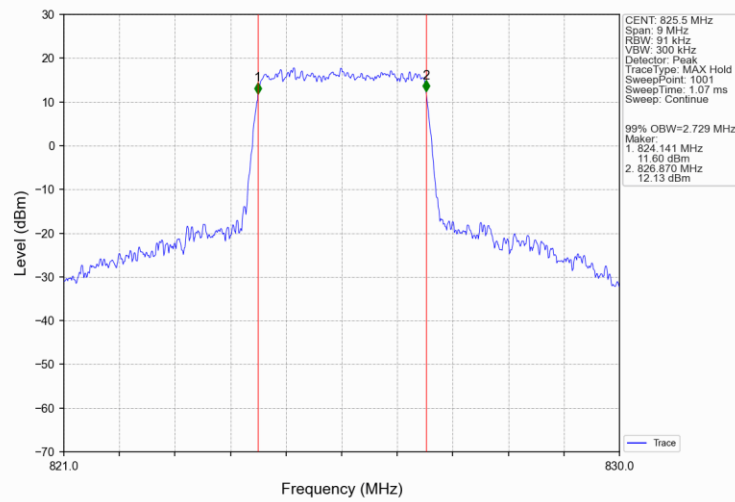
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



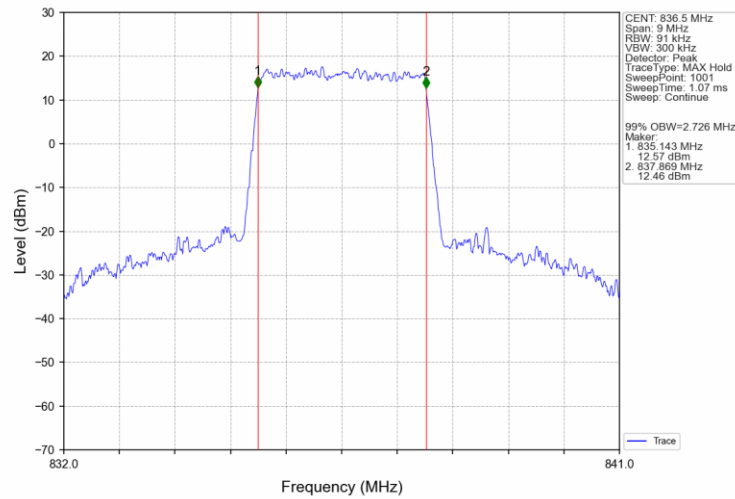
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



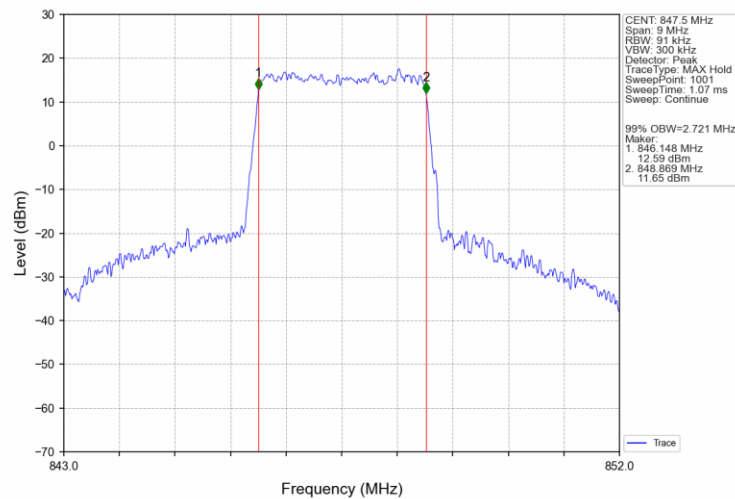
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



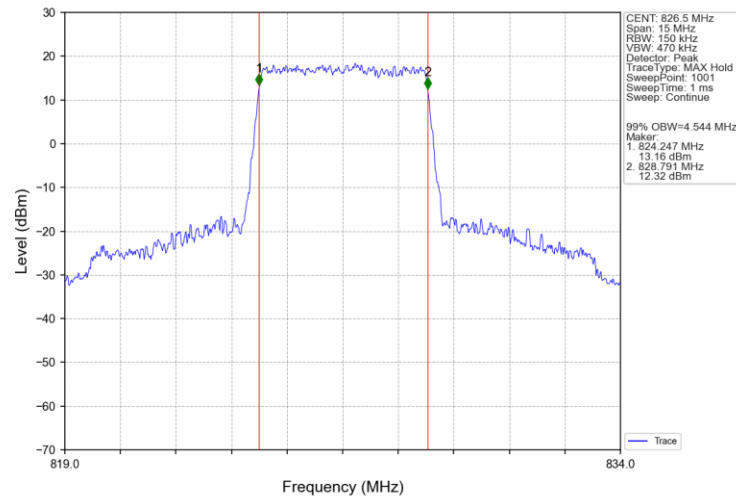
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



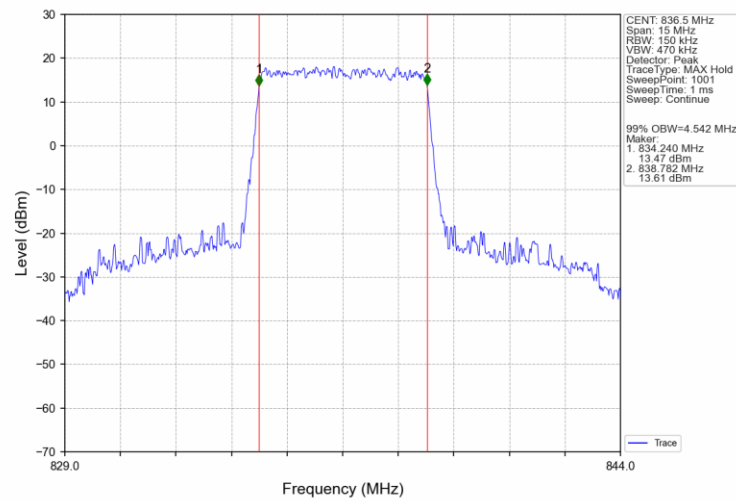
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



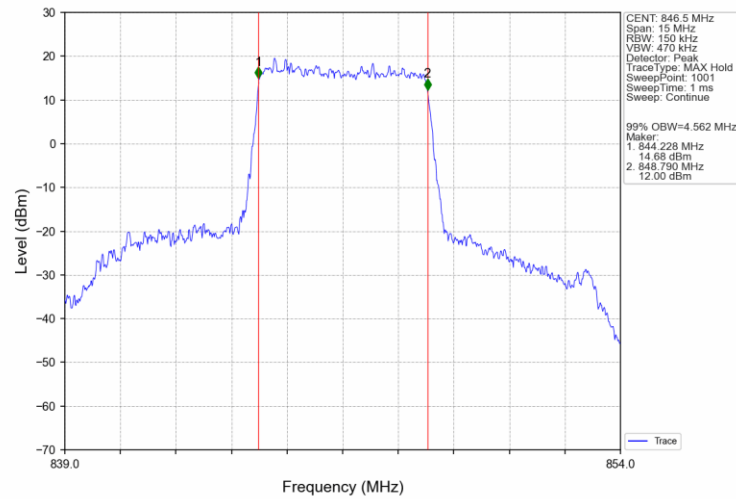
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



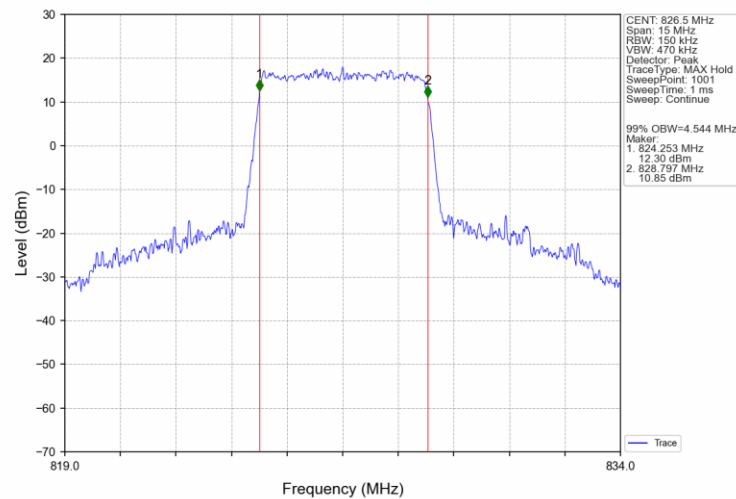
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



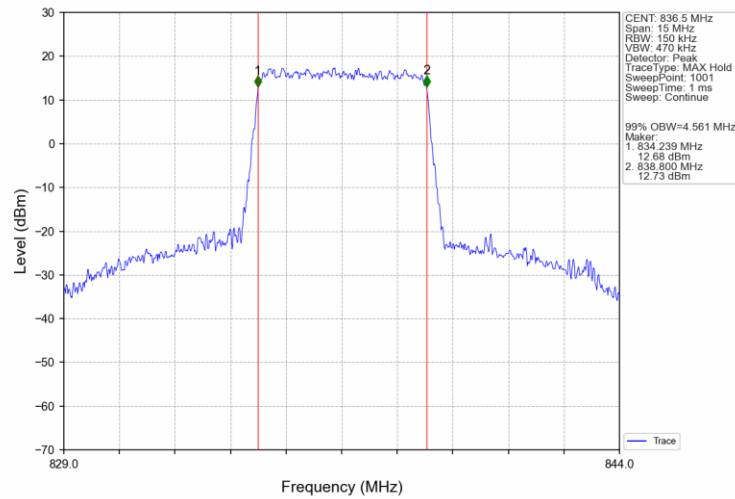
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



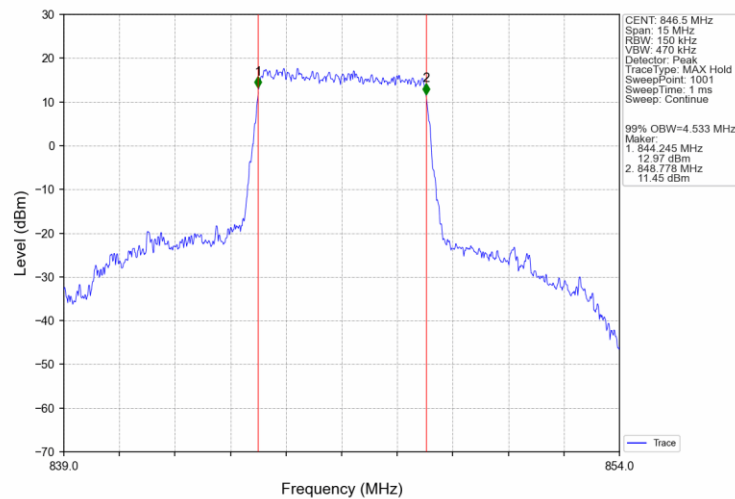
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



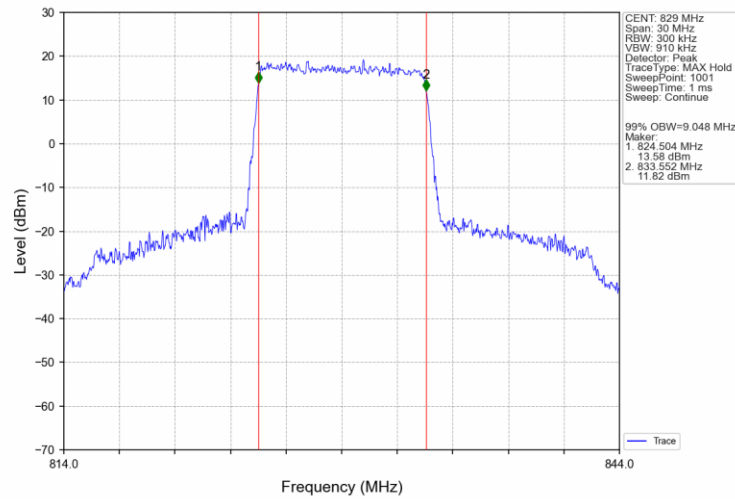
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



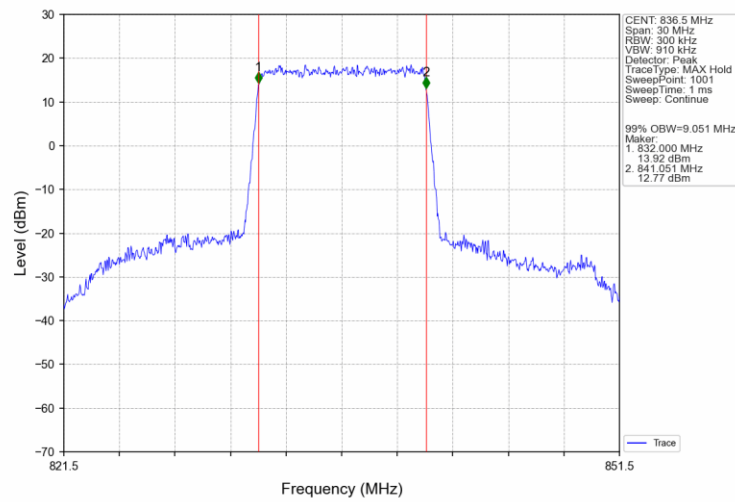
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



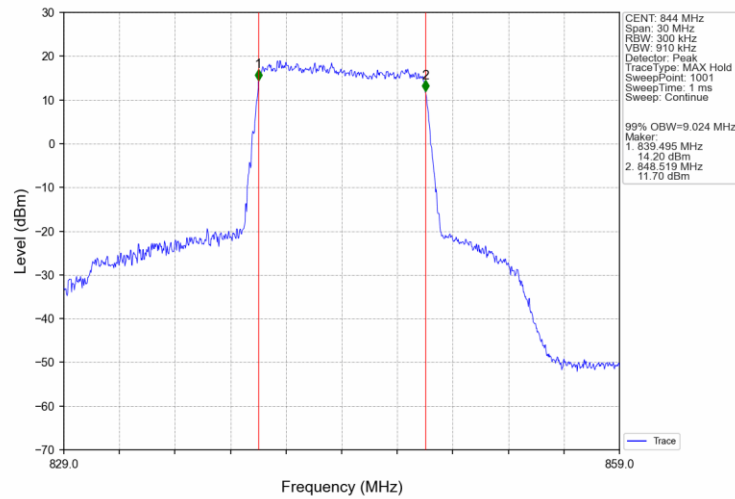
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



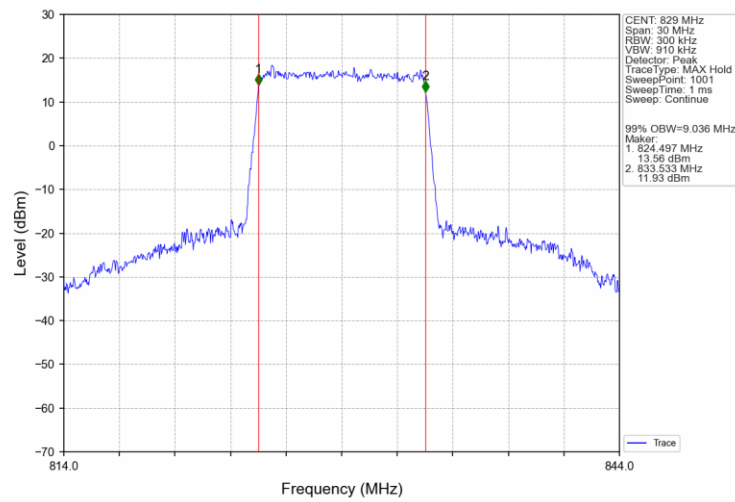
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



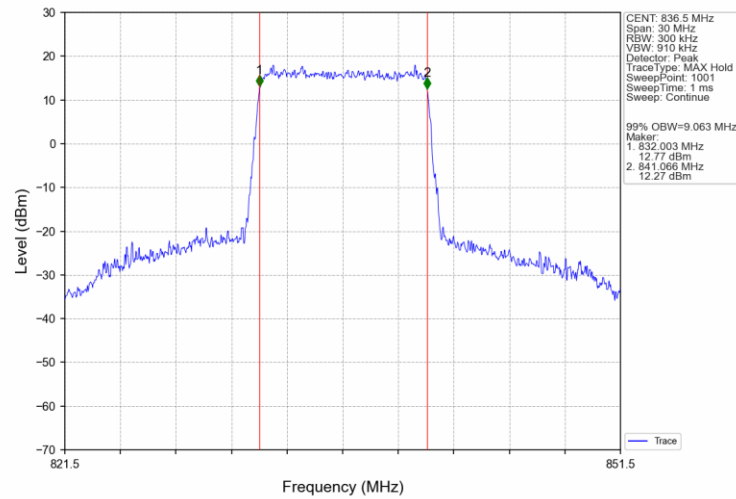
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



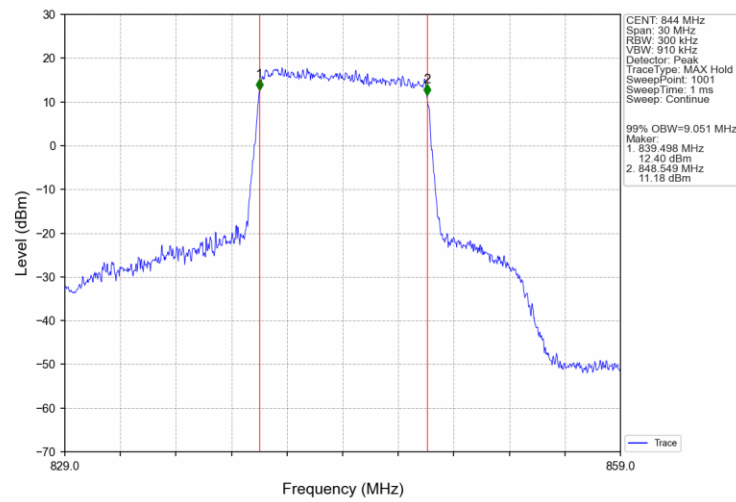
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

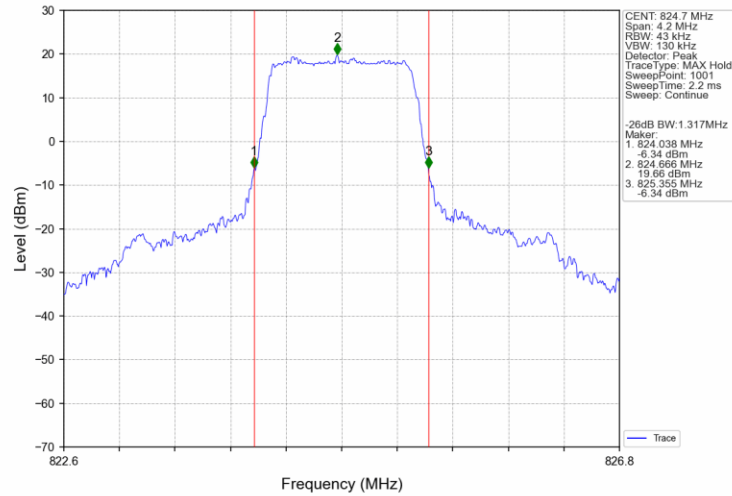


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

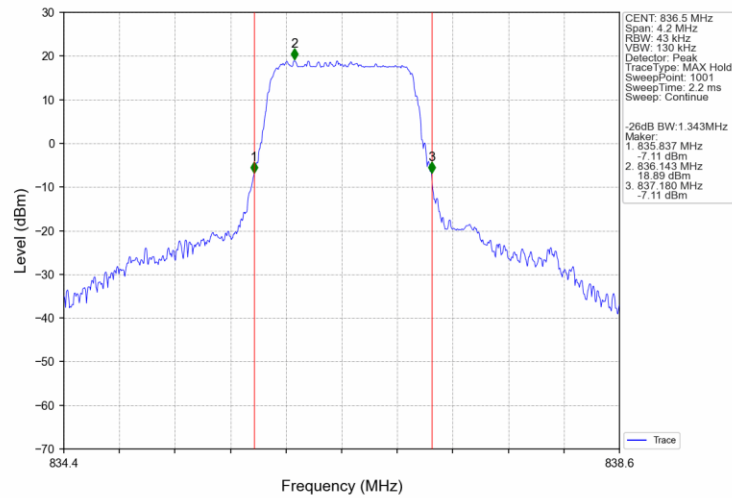


4.2.2 Band5_XDB

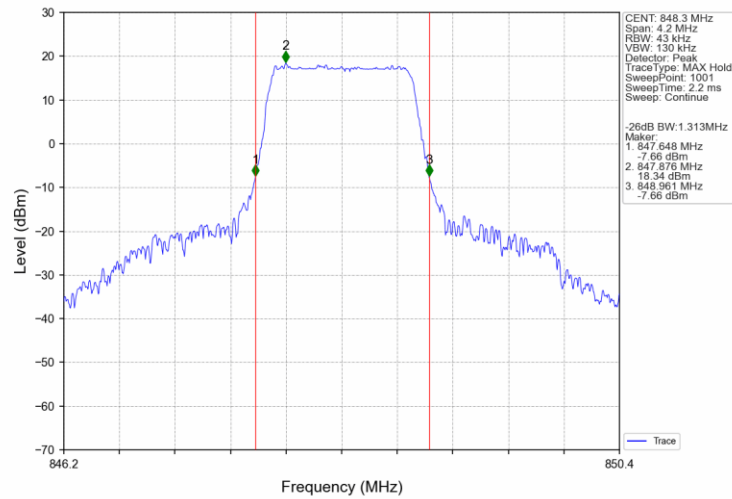
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



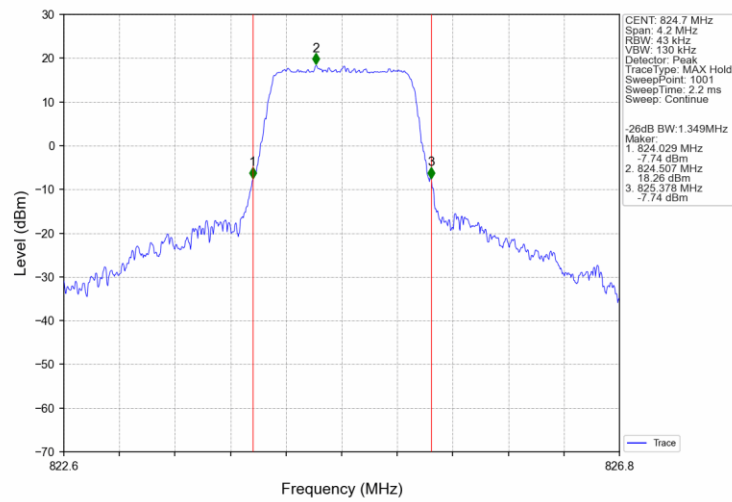
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTN



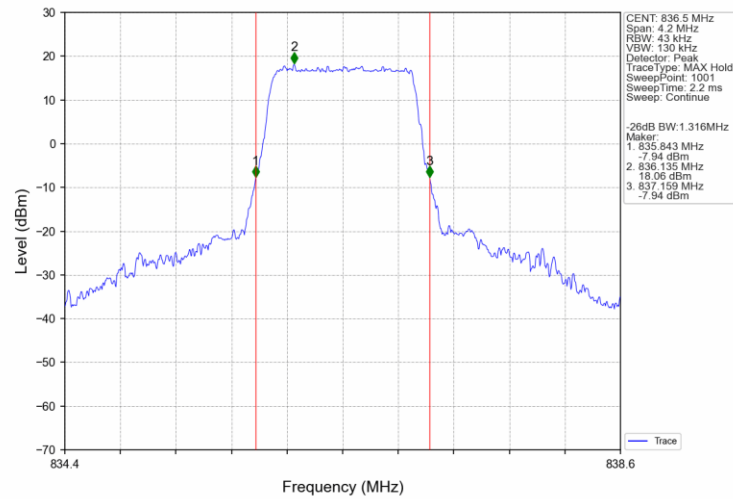
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



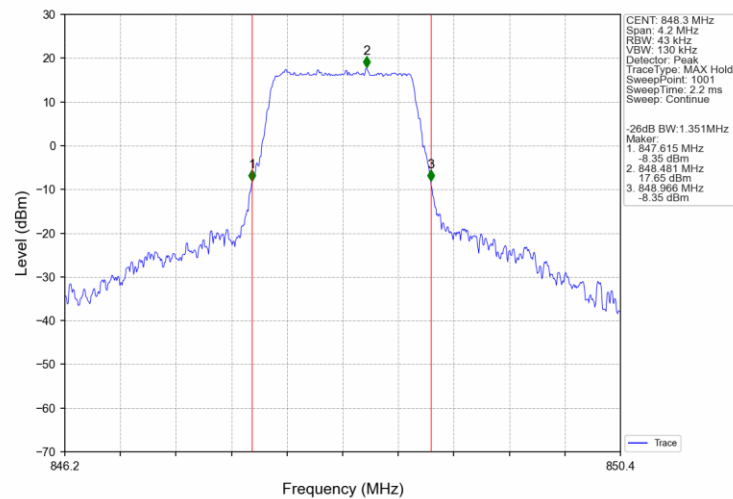
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



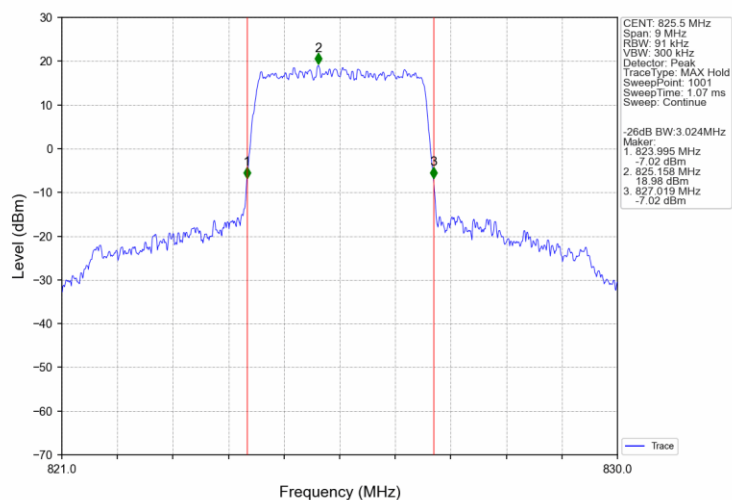
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



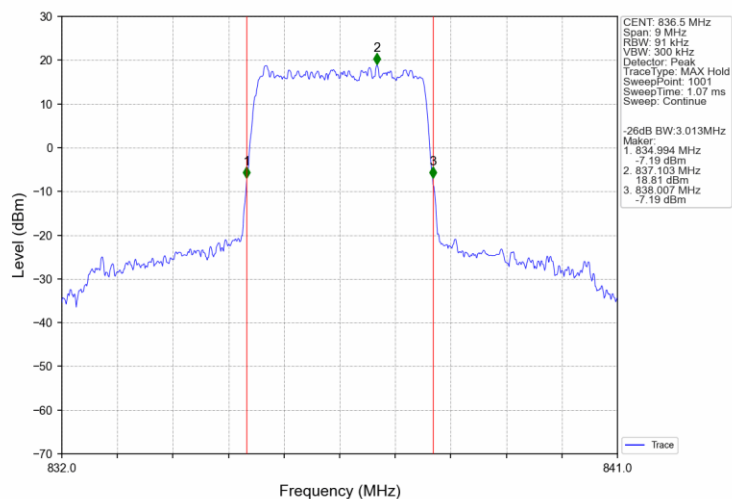
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



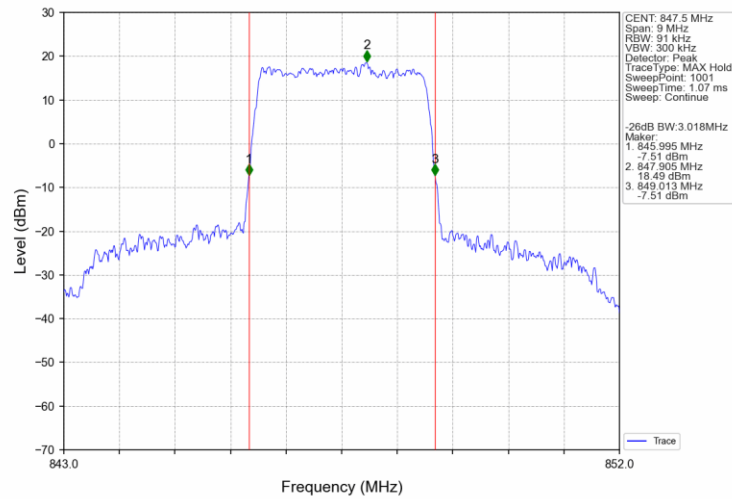
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



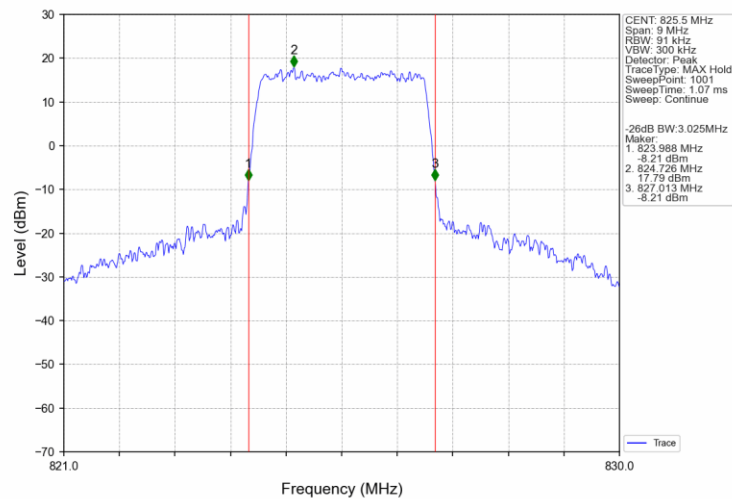
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



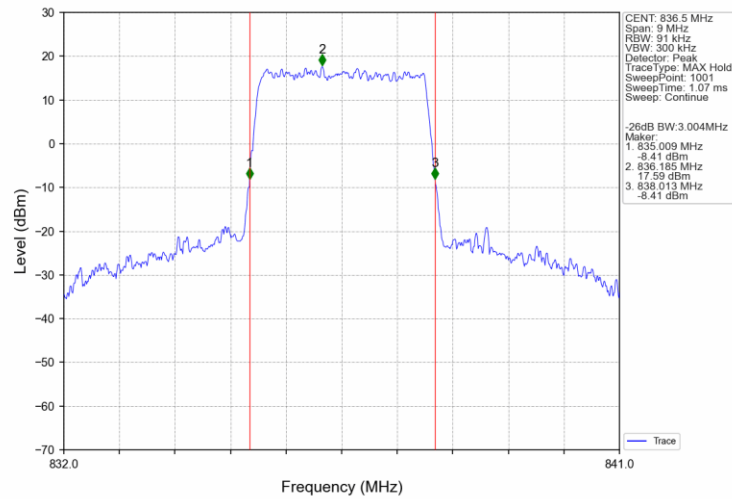
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



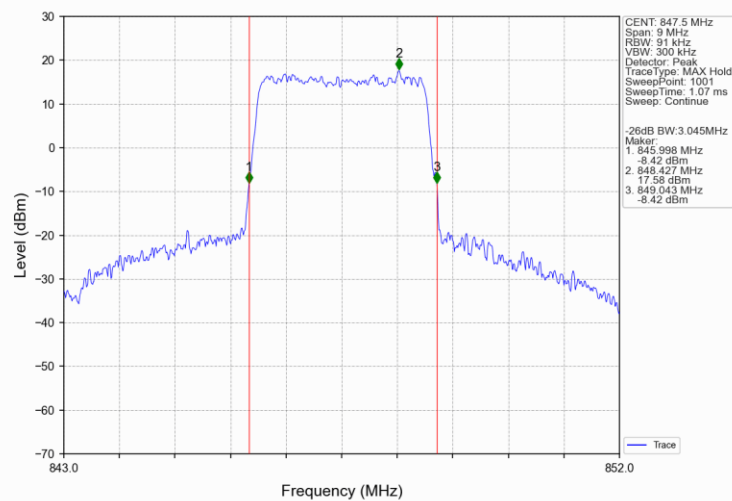
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



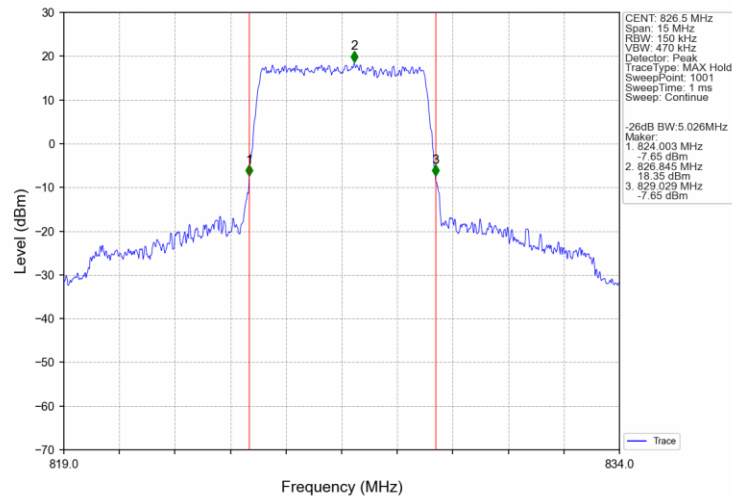
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



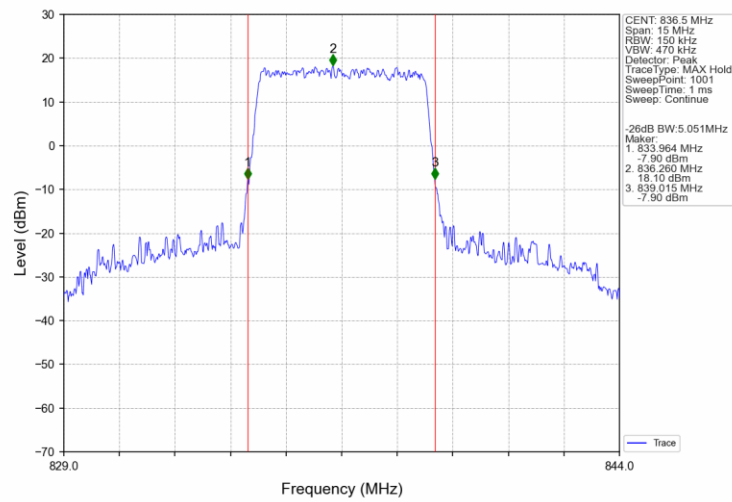
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



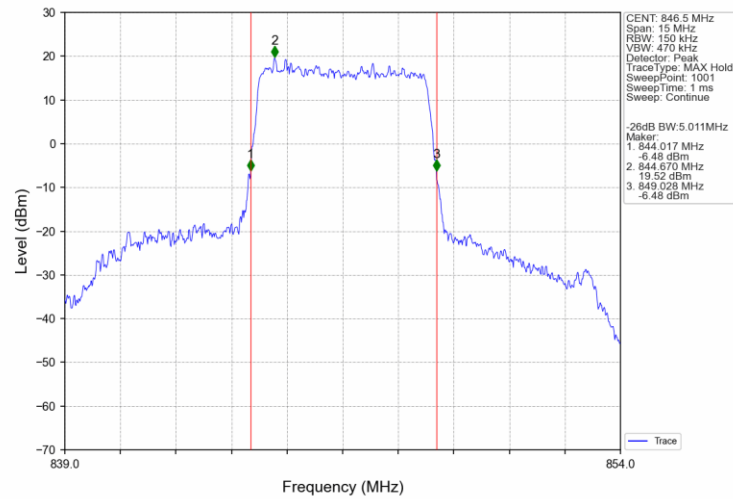
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



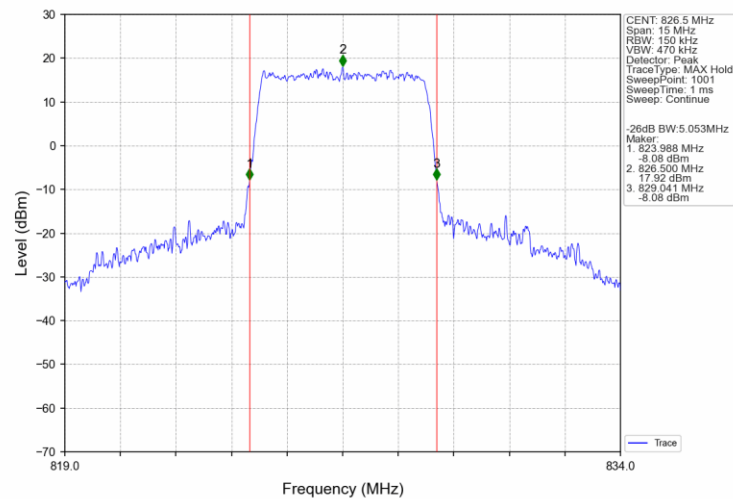
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



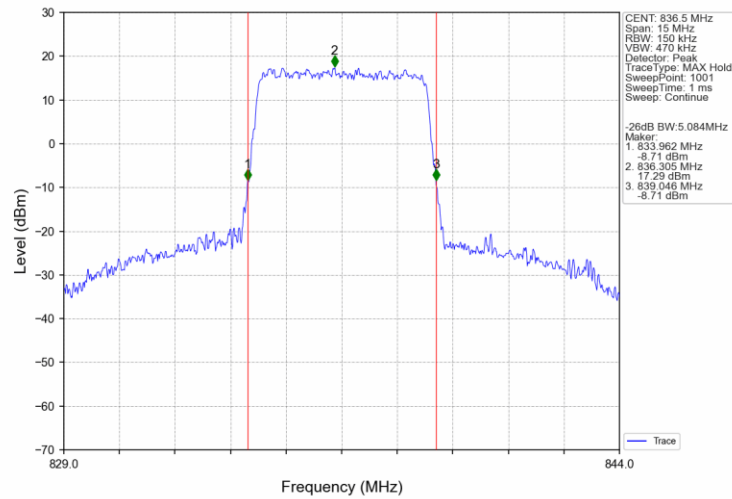
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



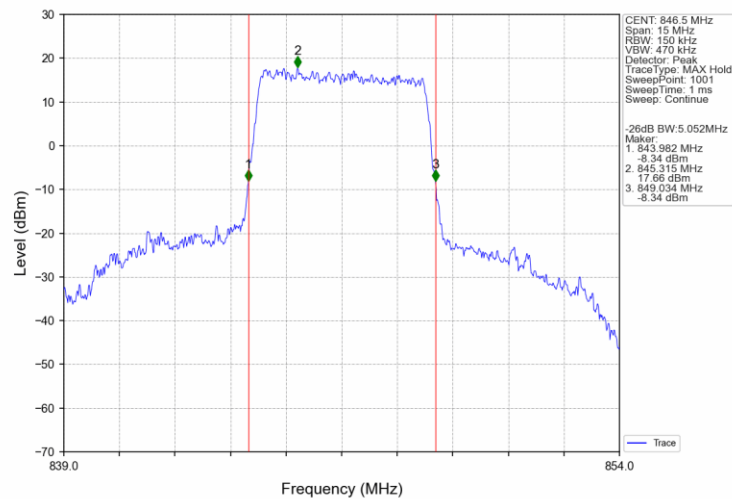
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



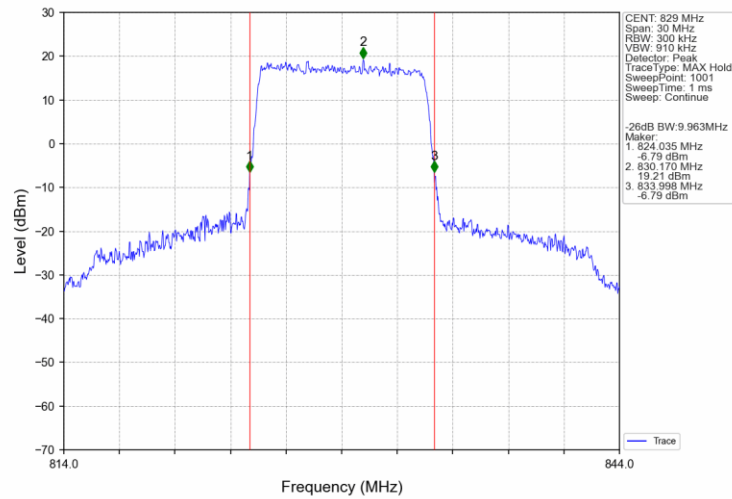
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



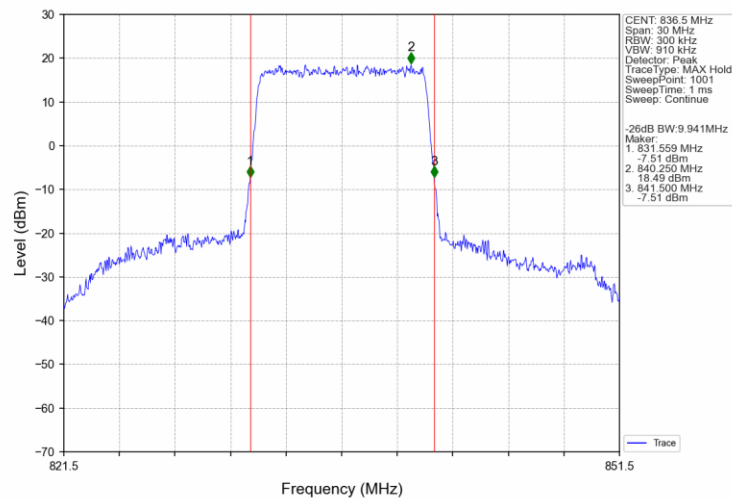
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



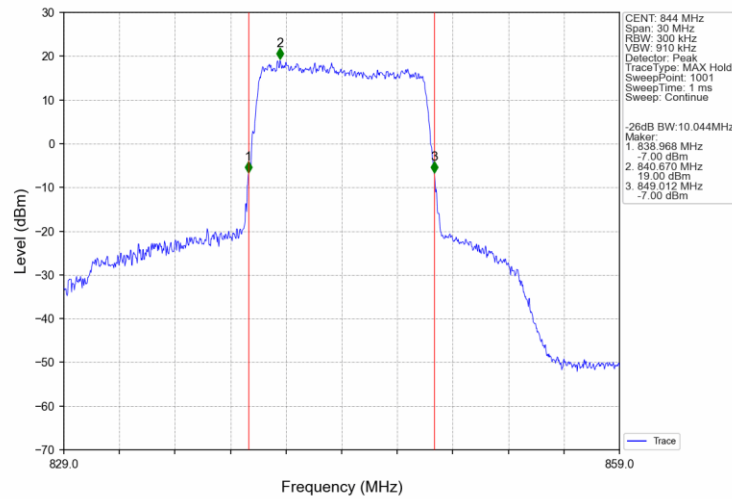
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



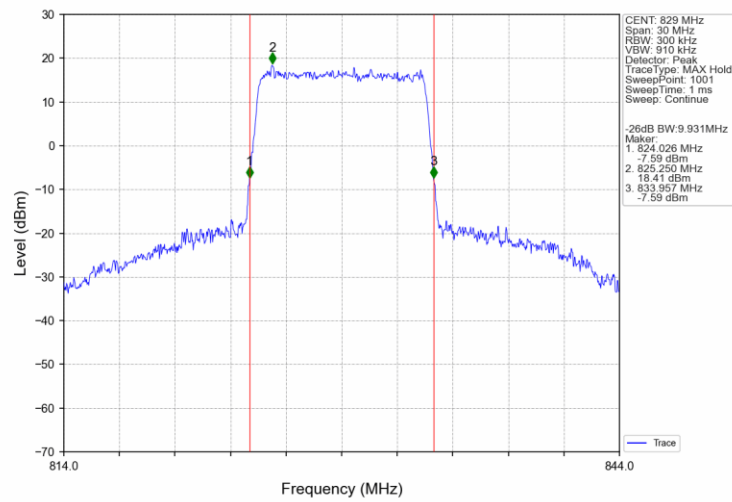
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



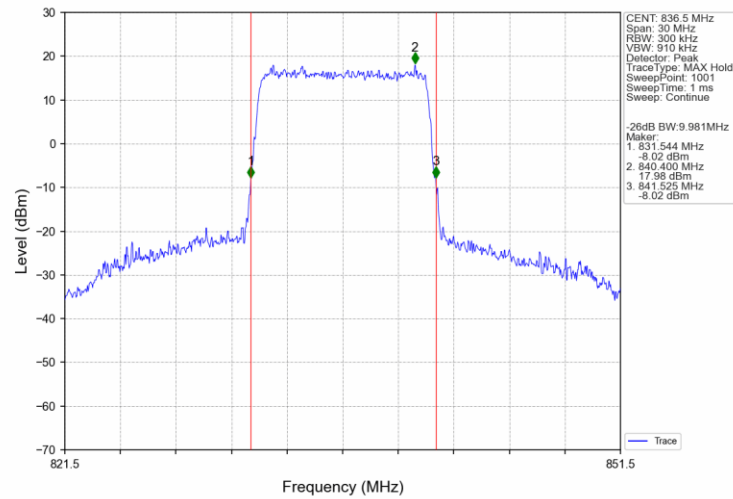
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



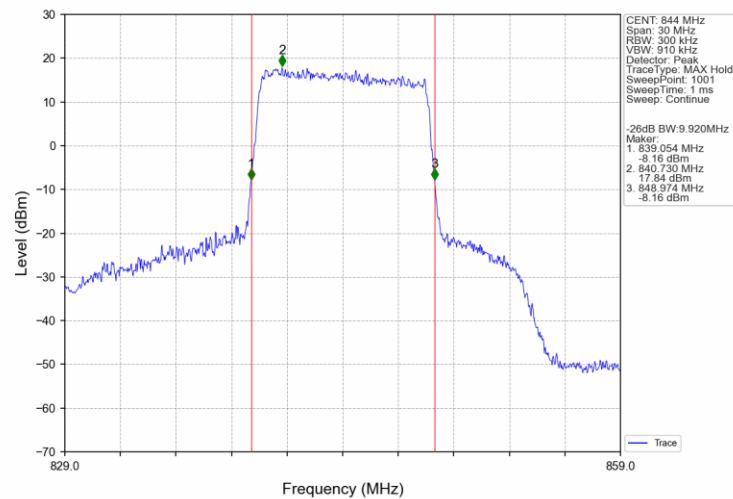
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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



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



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.81	<=13	Pass
	836.5	6	0	5.36	<=13	Pass
	848.3	6	0	5.11	<=13	Pass
16QAM	824.7	6	0	5.61	<=13	Pass
	836.5	6	0	6.21	<=13	Pass
	848.3	6	0	5.85	<=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	4.96	<=13	Pass
	836.5	15	0	5.44	<=13	Pass
	847.5	15	0	5.34	<=13	Pass
16QAM	825.5	15	0	5.77	<=13	Pass
	836.5	15	0	6.34	<=13	Pass
	847.5	15	0	6.16	<=13	Pass

5.1.3 B5_5MHz

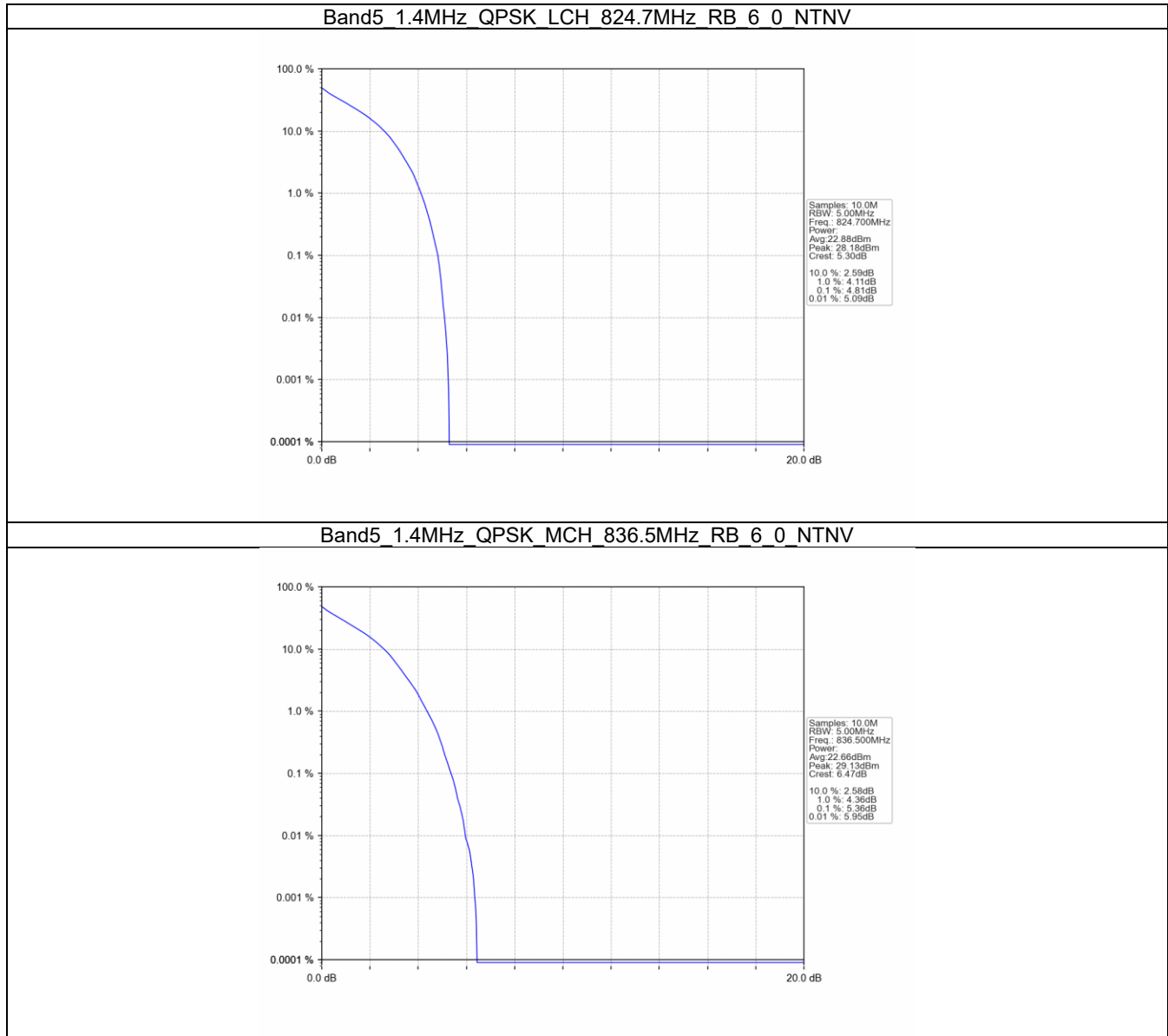
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.21	<=13	Pass
	836.5	25	0	5.61	<=13	Pass
	846.5	25	0	5.54	<=13	Pass
16QAM	826.5	25	0	5.95	<=13	Pass
	836.5	25	0	6.26	<=13	Pass
	846.5	25	0	6.17	<=13	Pass

5.1.4 B5_10MHz

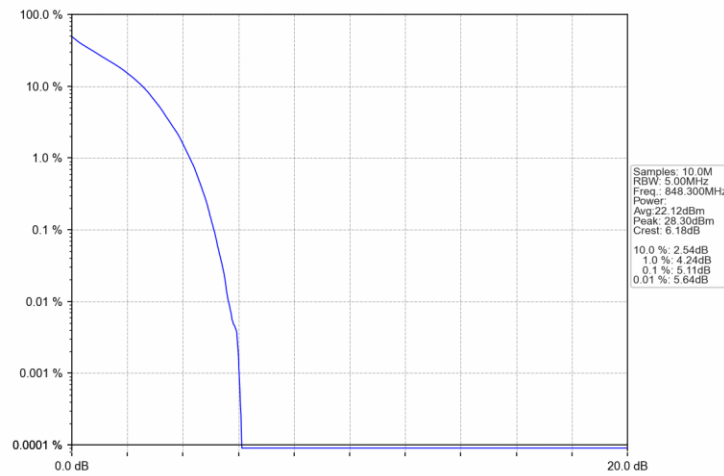
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.23	<=13	Pass
	836.5	50	0	5.55	<=13	Pass
	844	50	0	5.47	<=13	Pass
16QAM	829	50	0	6.03	<=13	Pass
	836.5	50	0	6.30	<=13	Pass
	844	50	0	6.18	<=13	Pass

5.2 Test Graph

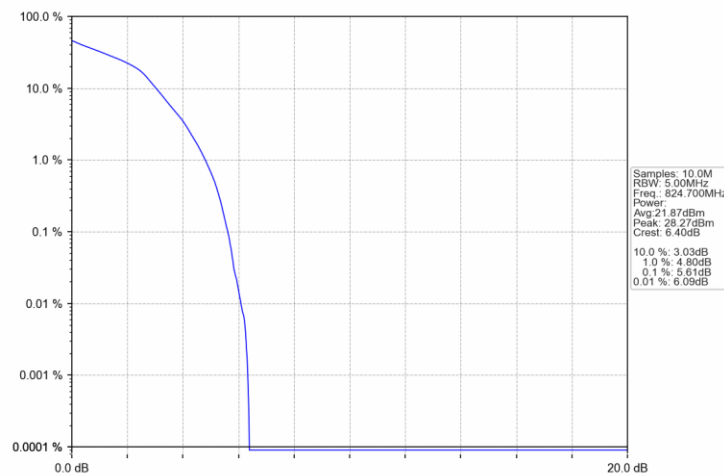
5.2.1 B5_1.4MHz



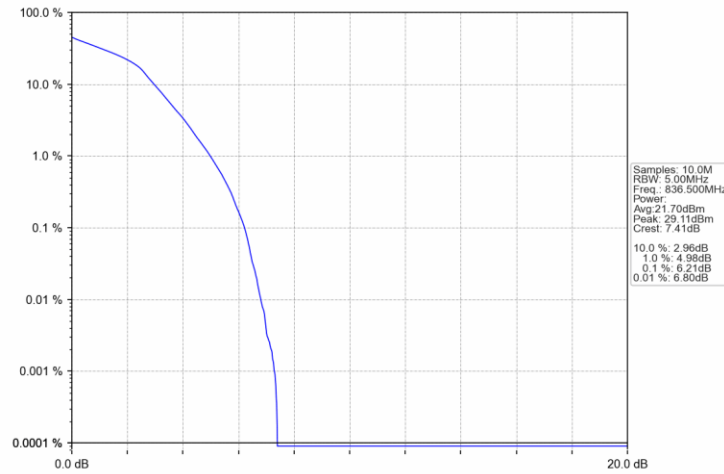
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



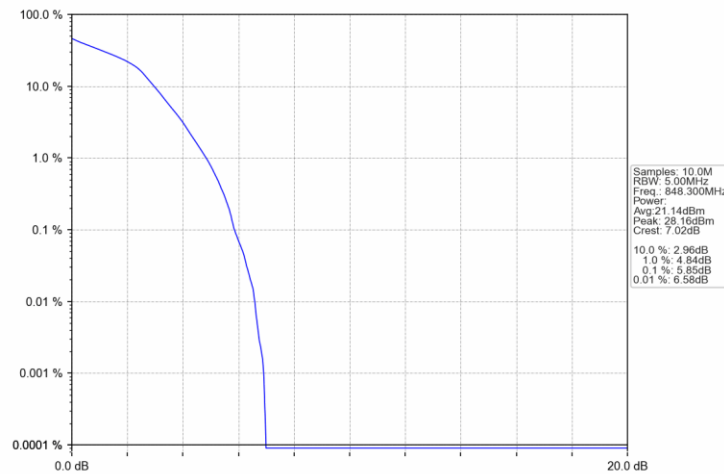
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



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

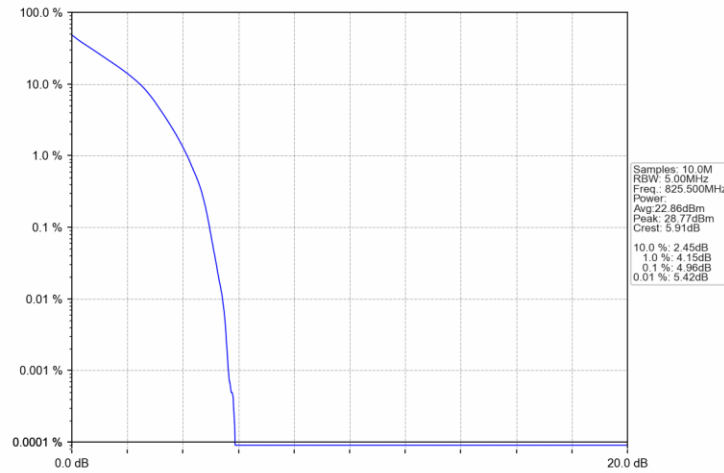


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

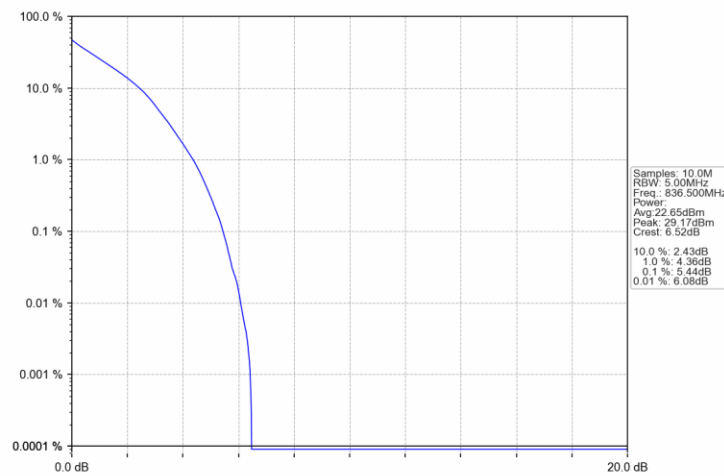


5.2.2 B5_3MHz

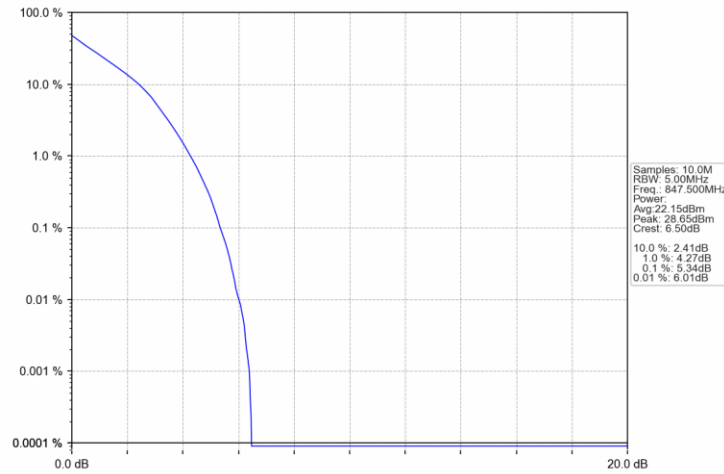
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



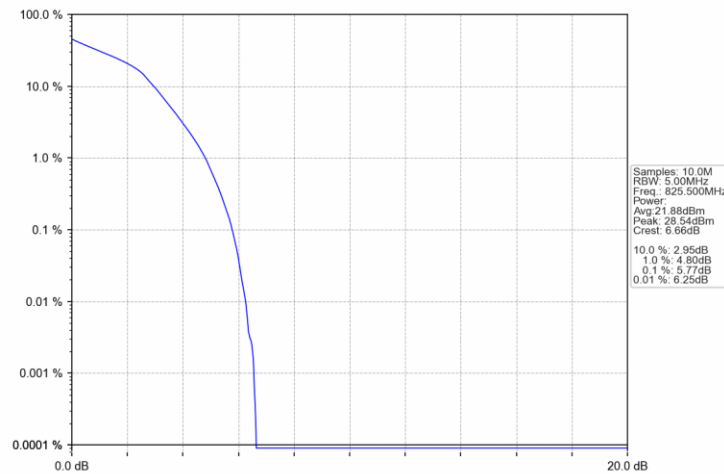
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



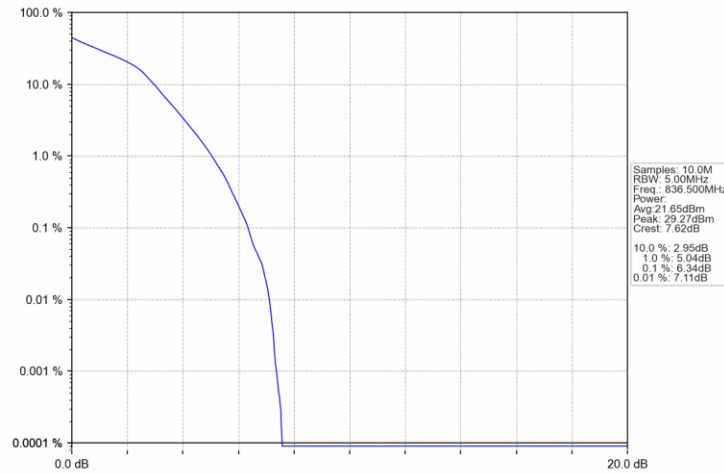
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



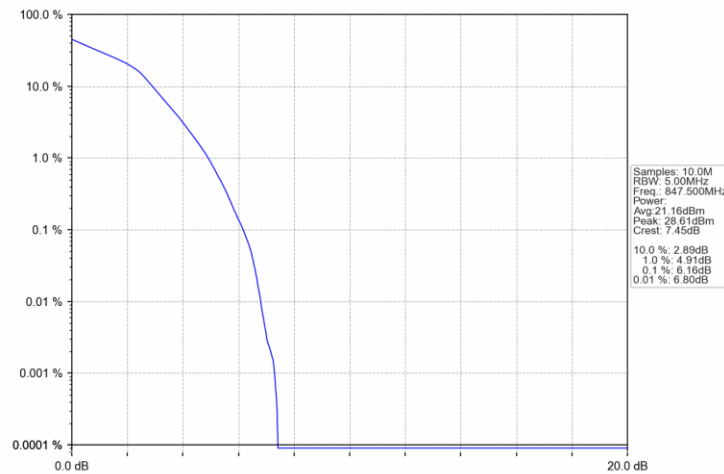
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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

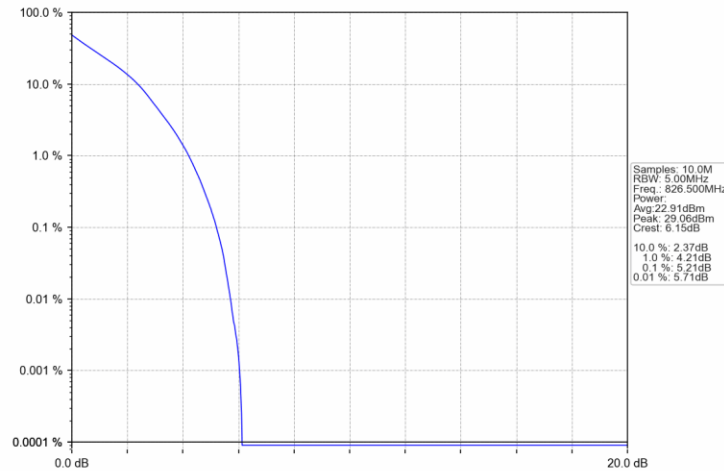


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV

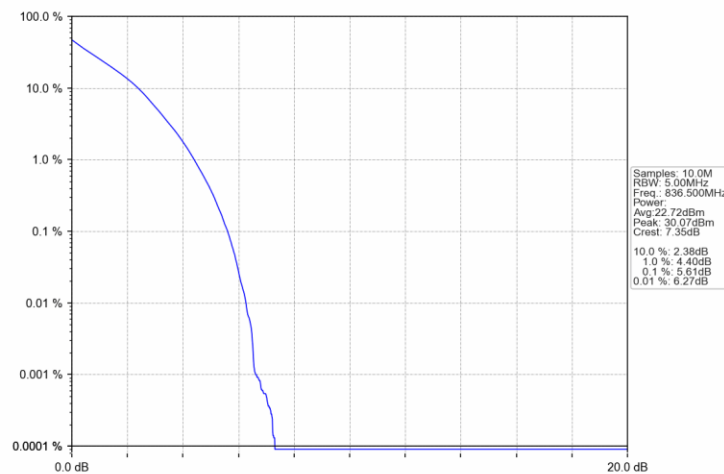


5.2.3 B5_5MHz

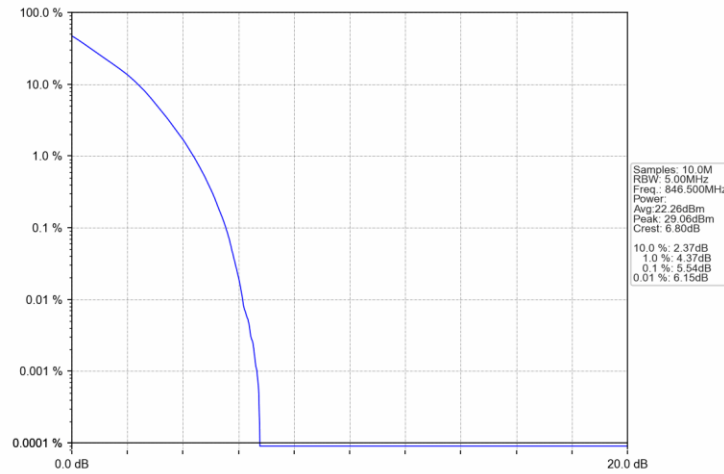
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



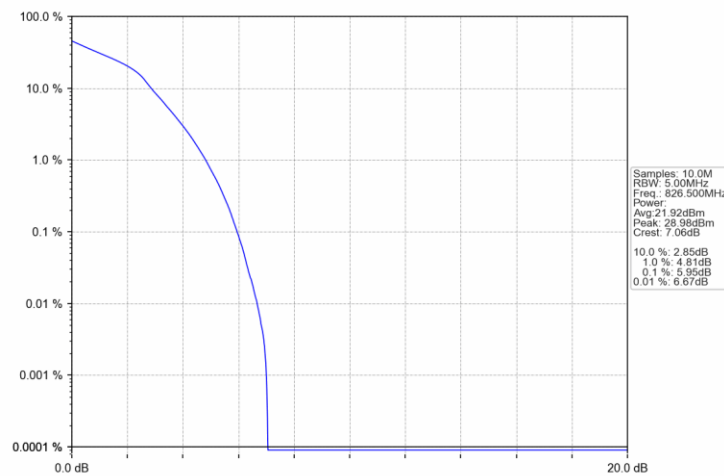
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



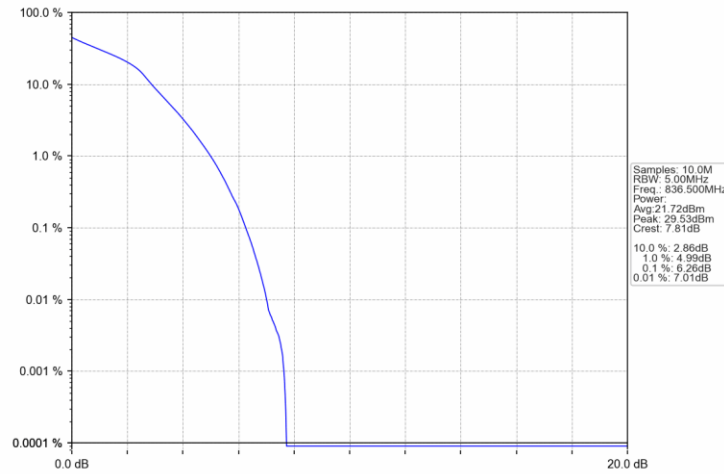
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



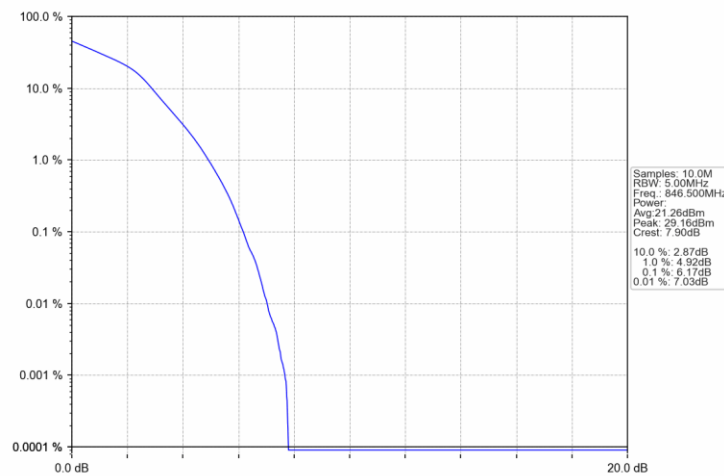
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



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

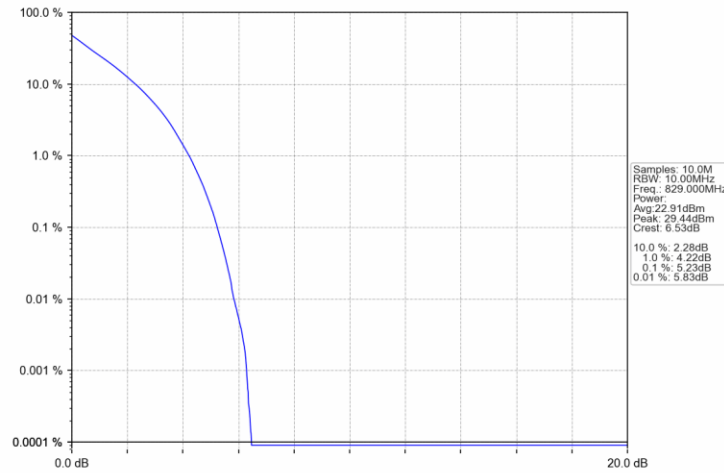


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV

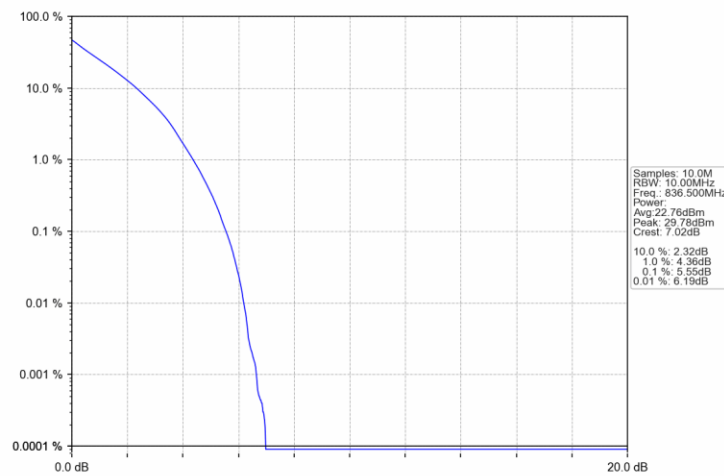


5.2.4 B5_10MHz

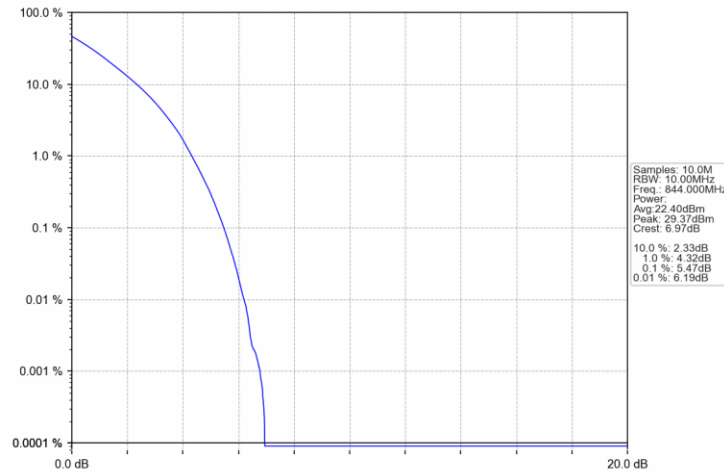
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



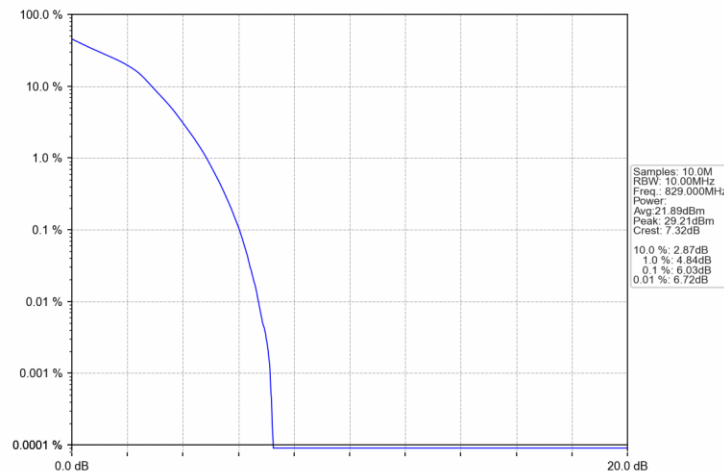
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



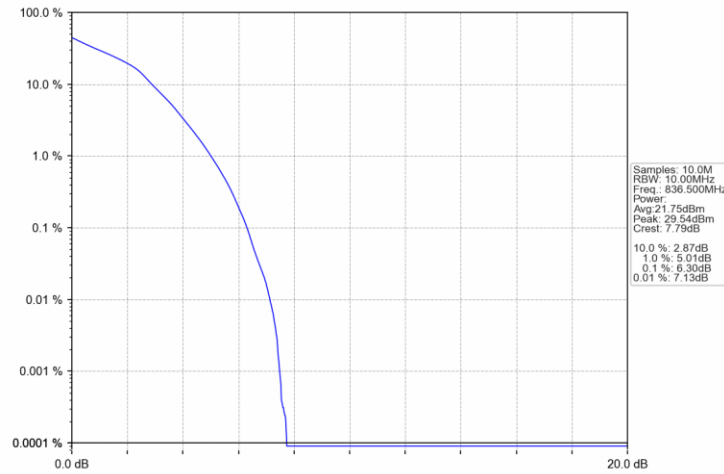
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



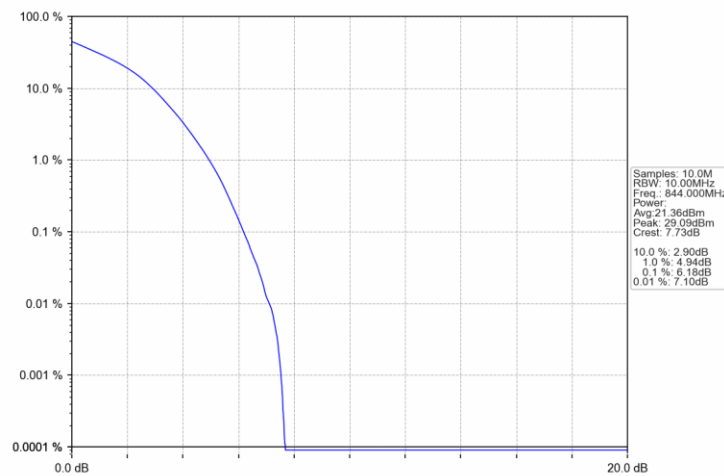
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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



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



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / 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

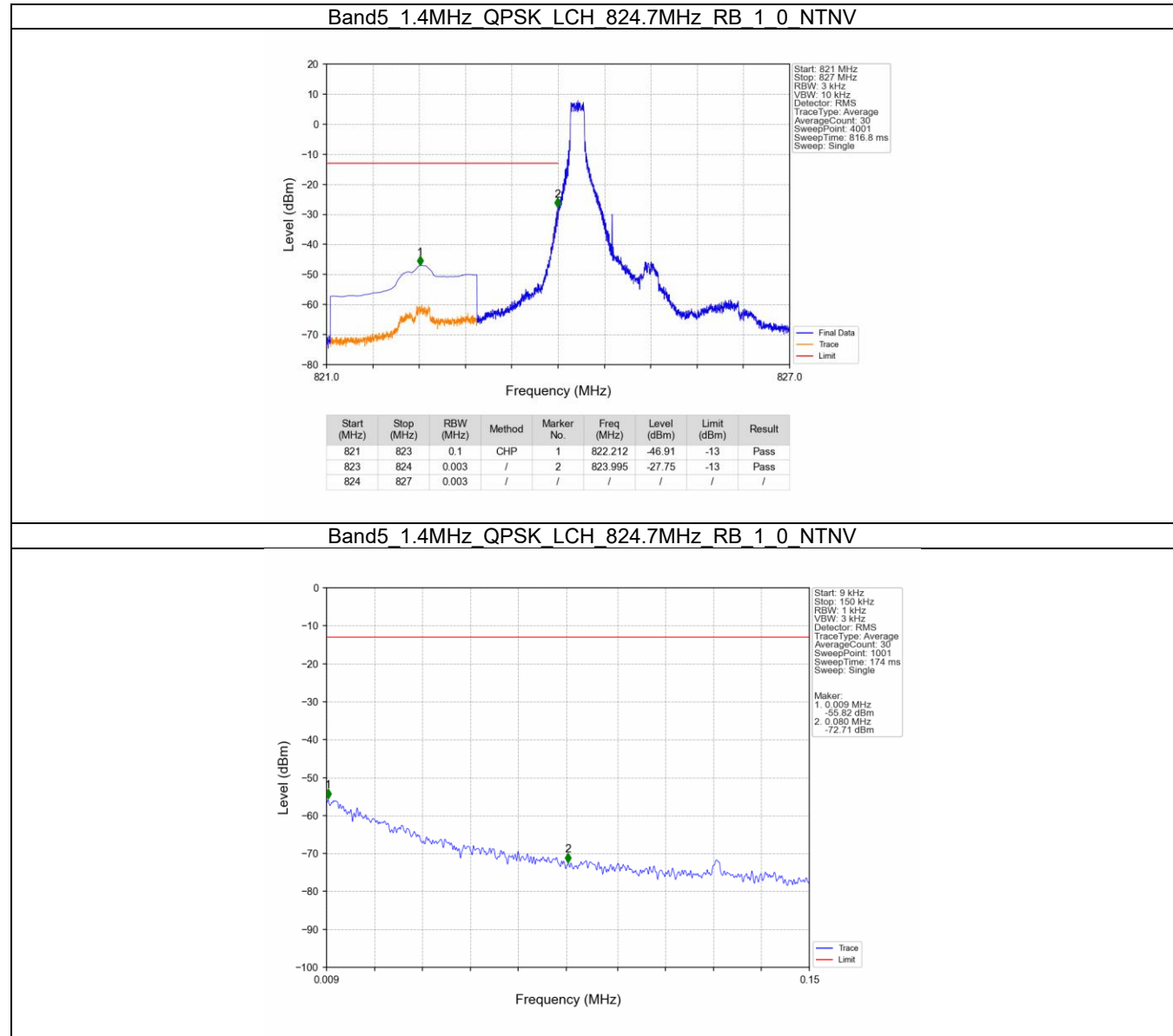
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

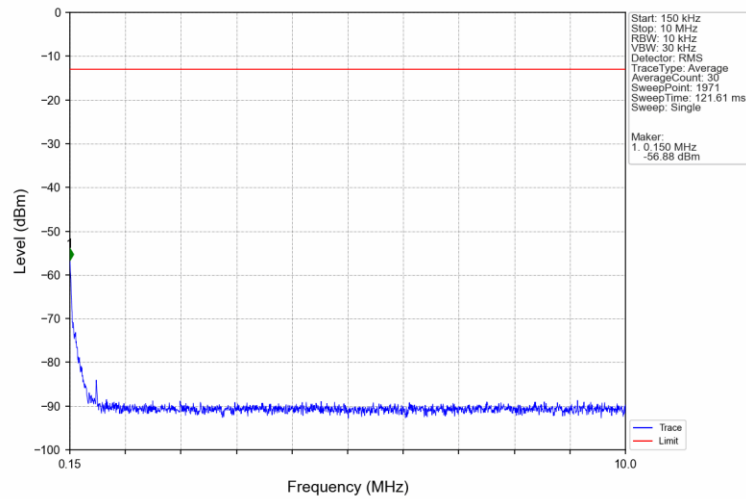
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

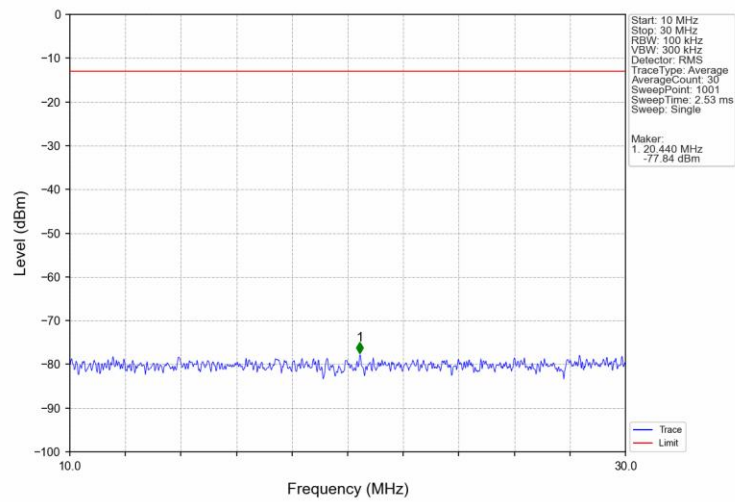
6.2.1 B5_1.4MHz



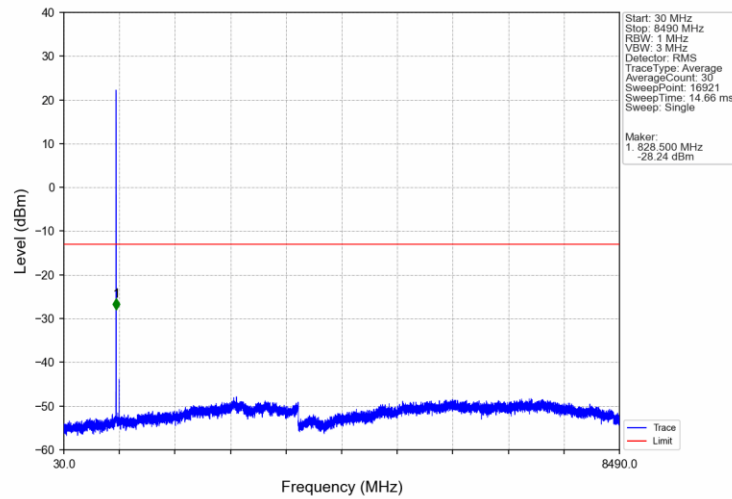
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



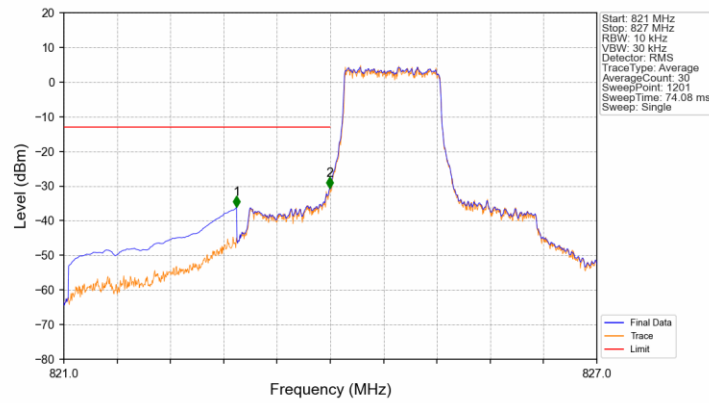
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



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	822.945	-36.07	-13	Pass
823	824	0.013	CHP	2	823.995	-30.62	-13	Pass
824	827	0.013	CHP	/	/	/	/	/