

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	23.71	1.07	22.63	<=38.45	Pass
			2	23.69	1.07	22.61	<=38.45	Pass
			5	23.67	1.07	22.59	<=38.45	Pass
		3	0	23.84	1.07	22.76	<=38.45	Pass
			2	23.85	1.07	22.77	<=38.45	Pass
			3	23.86	1.07	22.78	<=38.45	Pass
		6	0	22.82	1.07	21.74	<=38.45	Pass
	836.5	1	0	23.89	1.07	22.81	<=38.45	Pass
			2	23.92	1.07	22.84	<=38.45	Pass
			5	23.75	1.07	22.67	<=38.45	Pass
		3	0	23.90	1.07	22.82	<=38.45	Pass
			2	23.88	1.07	22.80	<=38.45	Pass
			3	23.87	1.07	22.79	<=38.45	Pass
		6	0	22.91	1.07	21.83	<=38.45	Pass
	848.3	1	0	23.20	1.07	22.12	<=38.45	Pass
			2	23.22	1.07	22.14	<=38.45	Pass
			5	23.20	1.07	22.12	<=38.45	Pass
		3	0	23.76	1.07	22.68	<=38.45	Pass
			2	23.78	1.07	22.70	<=38.45	Pass
			3	23.77	1.07	22.69	<=38.45	Pass
		6	0	22.78	1.07	21.70	<=38.45	Pass
16QAM	824.7	1	0	22.89	1.07	21.81	<=38.45	Pass
			2	22.94	1.07	21.86	<=38.45	Pass
			5	22.91	1.07	21.83	<=38.45	Pass
		3	0	22.92	1.07	21.84	<=38.45	Pass
			2	22.91	1.07	21.83	<=38.45	Pass
			3	22.91	1.07	21.83	<=38.45	Pass
		6	0	21.75	1.07	20.67	<=38.45	Pass
	836.5	1	0	22.47	1.07	21.39	<=38.45	Pass
			2	22.51	1.07	21.43	<=38.45	Pass
			5	22.50	1.07	21.42	<=38.45	Pass
		3	0	22.89	1.07	21.81	<=38.45	Pass
			2	22.83	1.07	21.75	<=38.45	Pass
			3	22.82	1.07	21.74	<=38.45	Pass
		6	0	21.97	1.07	20.89	<=38.45	Pass
	848.3	1	0	22.59	1.07	21.51	<=38.45	Pass
			2	22.60	1.07	21.52	<=38.45	Pass
			5	22.60	1.07	21.52	<=38.45	Pass
		3	0	22.91	1.07	21.83	<=38.45	Pass
			2	22.90	1.07	21.82	<=38.45	Pass
			3	22.91	1.07	21.83	<=38.45	Pass
		6	0	21.78	1.07	20.70	<=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	23.50	1.07	22.42	<=38.45	Pass
			7	23.21	1.07	22.13	<=38.45	Pass
			14	23.31	1.07	22.23	<=38.45	Pass
		8	0	22.75	1.07	21.67	<=38.45	Pass
			4	22.77	1.07	21.69	<=38.45	Pass
			7	22.73	1.07	21.65	<=38.45	Pass
		15	0	22.82	1.07	21.74	<=38.45	Pass
	836.5	1	0	23.40	1.07	22.32	<=38.45	Pass
			7	23.44	1.07	22.36	<=38.45	Pass
			14	23.45	1.07	22.37	<=38.45	Pass
		8	0	22.88	1.07	21.80	<=38.45	Pass
			4	22.89	1.07	21.81	<=38.45	Pass
			7	22.91	1.07	21.83	<=38.45	Pass
		15	0	22.89	1.07	21.81	<=38.45	Pass
	847.5	1	0	23.31	1.07	22.23	<=38.45	Pass
			7	23.24	1.07	22.16	<=38.45	Pass
			14	23.20	1.07	22.12	<=38.45	Pass
		8	0	22.80	1.07	21.72	<=38.45	Pass
			4	22.78	1.07	21.70	<=38.45	Pass
			7	22.78	1.07	21.70	<=38.45	Pass
		15	0	22.80	1.07	21.72	<=38.45	Pass
16QAM	825.5	1	0	22.47	1.07	21.39	<=38.45	Pass
			7	22.43	1.07	21.35	<=38.45	Pass
			14	22.45	1.07	21.37	<=38.45	Pass
		8	0	21.82	1.07	20.74	<=38.45	Pass
			4	21.81	1.07	20.73	<=38.45	Pass
			7	21.85	1.07	20.77	<=38.45	Pass
		15	0	21.84	1.07	20.76	<=38.45	Pass
	836.5	1	0	22.49	1.07	21.41	<=38.45	Pass
			7	22.52	1.07	21.44	<=38.45	Pass
			14	22.45	1.07	21.37	<=38.45	Pass
		8	0	22.07	1.07	20.99	<=38.45	Pass
			4	22.06	1.07	20.98	<=38.45	Pass
			7	22.07	1.07	20.99	<=38.45	Pass
		15	0	21.94	1.07	20.86	<=38.45	Pass
	847.5	1	0	22.41	1.07	21.33	<=38.45	Pass
			7	22.45	1.07	21.37	<=38.45	Pass
			14	22.43	1.07	21.35	<=38.45	Pass
		8	0	22.01	1.07	20.93	<=38.45	Pass
			4	22.05	1.07	20.97	<=38.45	Pass
			7	22.04	1.07	20.96	<=38.45	Pass
		15	0	21.86	1.07	20.78	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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	23.36	1.07	22.28	<=38.45	Pass		
			13	23.31	1.07	22.23	<=38.45	Pass		
			24	23.40	1.07	22.32	<=38.45	Pass		
		12	0	22.81	1.07	21.73	<=38.45	Pass		
			6	22.81	1.07	21.73	<=38.45	Pass		
			13	22.78	1.07	21.70	<=38.45	Pass		
		25	0	22.83	1.07	21.75	<=38.45	Pass		
		836.5	1	0	23.38	1.07	22.30	<=38.45	Pass	
				13	23.38	1.07	22.30	<=38.45	Pass	
	24			23.41	1.07	22.33	<=38.45	Pass		
	12		0	22.91	1.07	21.83	<=38.45	Pass		
			6	22.89	1.07	21.81	<=38.45	Pass		
			13	22.90	1.07	21.82	<=38.45	Pass		
	25		0	22.90	1.07	21.82	<=38.45	Pass		
	846.5		1	0	23.41	1.07	22.33	<=38.45	Pass	
				13	23.32	1.07	22.24	<=38.45	Pass	
		24		23.40	1.07	22.32	<=38.45	Pass		
		12	0	22.88	1.07	21.80	<=38.45	Pass		
			6	22.75	1.07	21.67	<=38.45	Pass		
			13	22.79	1.07	21.71	<=38.45	Pass		
		25	0	22.85	1.07	21.77	<=38.45	Pass		
		16QAM	826.5	1	0	22.61	1.07	21.53	<=38.45	Pass
					13	22.60	1.07	21.52	<=38.45	Pass
	24				22.65	1.07	21.57	<=38.45	Pass	
12	0			21.78	1.07	20.70	<=38.45	Pass		
	6			21.78	1.07	20.70	<=38.45	Pass		
	13			21.71	1.07	20.63	<=38.45	Pass		
25	0			21.85	1.07	20.77	<=38.45	Pass		
836.5	1			0	22.60	1.07	21.52	<=38.45	Pass	
				13	22.58	1.07	21.50	<=38.45	Pass	
			24	22.56	1.07	21.48	<=38.45	Pass		
	12		0	21.88	1.07	20.80	<=38.45	Pass		
			6	21.85	1.07	20.77	<=38.45	Pass		
			13	21.83	1.07	20.75	<=38.45	Pass		
	25		0	21.92	1.07	20.84	<=38.45	Pass		
	846.5		1	0	22.54	1.07	21.46	<=38.45	Pass	
				13	22.47	1.07	21.39	<=38.45	Pass	
24				22.53	1.07	21.45	<=38.45	Pass		
12			0	21.92	1.07	20.84	<=38.45	Pass		
			6	21.83	1.07	20.75	<=38.45	Pass		
			13	21.84	1.07	20.76	<=38.45	Pass		
25			0	21.87	1.07	20.79	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.25	1.07	22.17	<=38.45	Pass
			25	23.34	1.07	22.26	<=38.45	Pass
			49	23.35	1.07	22.27	<=38.45	Pass
		25	0	22.84	1.07	21.76	<=38.45	Pass
			13	22.87	1.07	21.79	<=38.45	Pass
			25	22.81	1.07	21.73	<=38.45	Pass
		50	0	22.88	1.07	21.80	<=38.45	Pass
			0	23.43	1.07	22.35	<=38.45	Pass
			25	23.48	1.07	22.40	<=38.45	Pass
	836.5	1	49	23.39	1.07	22.31	<=38.45	Pass
			0	22.92	1.07	21.84	<=38.45	Pass
			13	22.91	1.07	21.83	<=38.45	Pass
		25	25	22.94	1.07	21.86	<=38.45	Pass
			0	22.97	1.07	21.89	<=38.45	Pass
		50	0	23.36	1.07	22.28	<=38.45	Pass
			25	23.31	1.07	22.23	<=38.45	Pass
			49	23.22	1.07	22.14	<=38.45	Pass
	844	1	0	22.92	1.07	21.84	<=38.45	Pass
			13	22.84	1.07	21.76	<=38.45	Pass
			25	22.75	1.07	21.67	<=38.45	Pass
		25	0	22.90	1.07	21.82	<=38.45	Pass
			0	22.48	1.07	21.40	<=38.45	Pass
			25	22.56	1.07	21.48	<=38.45	Pass
		50	49	22.57	1.07	21.49	<=38.45	Pass
			0	21.88	1.07	20.80	<=38.45	Pass
			13	21.89	1.07	20.81	<=38.45	Pass
16QAM	829	1	25	21.81	1.07	20.73	<=38.45	Pass
			0	22.46	1.07	21.38	<=38.45	Pass
			49	22.54	1.07	21.46	<=38.45	Pass
		25	0	22.42	1.07	21.34	<=38.45	Pass
			0	21.97	1.07	20.89	<=38.45	Pass
			13	21.98	1.07	20.90	<=38.45	Pass
		50	25	22.02	1.07	20.94	<=38.45	Pass
			0	21.95	1.07	20.87	<=38.45	Pass
			0	22.51	1.07	21.43	<=38.45	Pass
	836.5	1	25	22.46	1.07	21.38	<=38.45	Pass
			49	22.40	1.07	21.32	<=38.45	Pass
			0	21.95	1.07	20.87	<=38.45	Pass
		25	13	21.84	1.07	20.76	<=38.45	Pass
			25	21.79	1.07	20.71	<=38.45	Pass
		50	0	21.85	1.07	20.77	<=38.45	Pass
			0	22.51	1.07	21.43	<=38.45	Pass
			25	22.46	1.07	21.38	<=38.45	Pass
		50	49	22.40	1.07	21.32	<=38.45	Pass
			0	21.95	1.07	20.87	<=38.45	Pass
			13	21.84	1.07	20.76	<=38.45	Pass
	844	1	25	21.79	1.07	20.71	<=38.45	Pass
			0	21.85	1.07	20.77	<=38.45	Pass
			0	22.51	1.07	21.43	<=38.45	Pass
		25	25	22.46	1.07	21.38	<=38.45	Pass
			49	22.40	1.07	21.32	<=38.45	Pass
			0	21.95	1.07	20.87	<=38.45	Pass
		50	13	21.84	1.07	20.76	<=38.45	Pass
			25	21.79	1.07	20.71	<=38.45	Pass
			0	21.85	1.07	20.77	<=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	1.960	0.0024	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0036	-2.5 to 2.5	Pass
					4.43	0.372	0.0005	-2.5 to 2.5	Pass
				-30	3.85	4.592	0.0056	-2.5 to 2.5	Pass
				-20	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				0	3.85	1.688	0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				30	3.85	1.488	0.0018	-2.5 to 2.5	Pass
				40	3.85	2.947	0.0036	-2.5 to 2.5	Pass
				50	3.85	2.561	0.0031	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-1.202	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0050	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.659	0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass
				30	3.85	2.089	0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.216	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.515	-0.0006	-2.5 to 2.5	Pass
					3.85	0.172	0.0002	-2.5 to 2.5	Pass
					4.43	-1.030	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.059	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	1.345	0.0016	-2.5 to 2.5	Pass
				0	3.85	3.290	0.0039	-2.5 to 2.5	Pass
				10	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.661	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-3.591	-0.0042	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	3.462	0.0042	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.918	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0040	-2.5 to 2.5	Pass
				10	3.85	2.689	0.0033	-2.5 to 2.5	Pass
				30	3.85	0.672	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.316	0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	1.431	0.0017	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0043	-2.5 to 2.5	Pass
					4.43	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-4.535	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.046	0.0024	-2.5 to 2.5	Pass

				0	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
				50	3.85	1.473	0.0018	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-5.307	-0.0063	-2.5 to 2.5	Pass
					3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.287	0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0049	-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	-0.629	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.748	0.0045	-2.5 to 2.5	Pass
				-10	3.85	-2.561	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				10	3.85	2.217	0.0027	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	3.85	6.967	0.0084	-2.5 to 2.5	Pass
				50	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-4.063	-0.0049	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
					4.43	-4.792	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.005	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.363	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	2.074	0.0024	-2.5 to 2.5	Pass
					3.85	-2.303	-0.0027	-2.5 to 2.5	Pass
					4.43	1.531	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	2.232	0.0026	-2.5 to 2.5	Pass
				0	3.85	-8.898	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				40	3.85	2.661	0.0031	-2.5 to 2.5	Pass
				50	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	1.531	0.0019	-2.5 to 2.5	Pass
					3.85	-3.448	-0.0042	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0013	-2.5 to 2.5	Pass

				-30	3.85	-3.462	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.373	0.0017	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-11.044	-0.0134	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0003	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.675	-0.0032	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.933	-0.0035	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	2.089	0.0025	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.575	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.535	-0.0054	-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	0.072	0.0001	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
					4.43	1.273	0.0015	-2.5 to 2.5	Pass
				-30	3.85	3.963	0.0048	-2.5 to 2.5	Pass
				-20	3.85	2.604	0.0032	-2.5 to 2.5	Pass
				-10	3.85	0.687	0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				10	3.85	2.432	0.0029	-2.5 to 2.5	Pass
				30	3.85	3.247	0.0039	-2.5 to 2.5	Pass
				40	3.85	1.831	0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	0.057	0.0001	-2.5 to 2.5	Pass
					3.85	0.200	0.0002	-2.5 to 2.5	Pass
					4.43	3.104	0.0037	-2.5 to 2.5	Pass
				-30	3.85	3.347	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-4.778	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	1.144	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.286	0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass

	846.5	25	0	20	3.27	0.143	0.0002	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.260	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0038	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				50	3.85	-5.150	-0.0061	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-1.359	-0.0016	-2.5 to 2.5	Pass
					3.85	2.732	0.0033	-2.5 to 2.5	Pass
					4.43	3.505	0.0042	-2.5 to 2.5	Pass
				-30	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	2.489	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
				10	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				30	3.85	3.605	0.0044	-2.5 to 2.5	Pass
				40	3.85	0.715	0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0030	-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	0.014	0.0000	-2.5 to 2.5	Pass
					4.43	0.715	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0037	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				10	3.85	-5.035	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-5.851	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.732	-0.0032	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0043	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.775	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-3.347	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0050	-2.5 to 2.5	Pass
				40	3.85	1.402	0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.057	-0.0001	-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	0.043	0.0001	-2.5 to 2.5	Pass
					3.85	1.302	0.0016	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				0	3.85	1.073	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass

				30	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0028	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0012	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-1.874	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
					4.43	-5.064	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.818	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.164	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-2.460	-0.0029	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.731	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.772	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
				30	3.85	0.672	0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-1.502	-0.0018	-2.5 to 2.5	Pass
					3.85	1.116	0.0013	-2.5 to 2.5	Pass
					4.43	0.887	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.787	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.904	0.0035	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0001	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-3.405	-0.0041	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0044	-2.5 to 2.5	Pass
					4.43	-3.233	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.764	-0.0057	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.702	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
					4.43	0.429	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

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

3.1.2 B5_3MHz

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

3.1.3 B5_5MHz

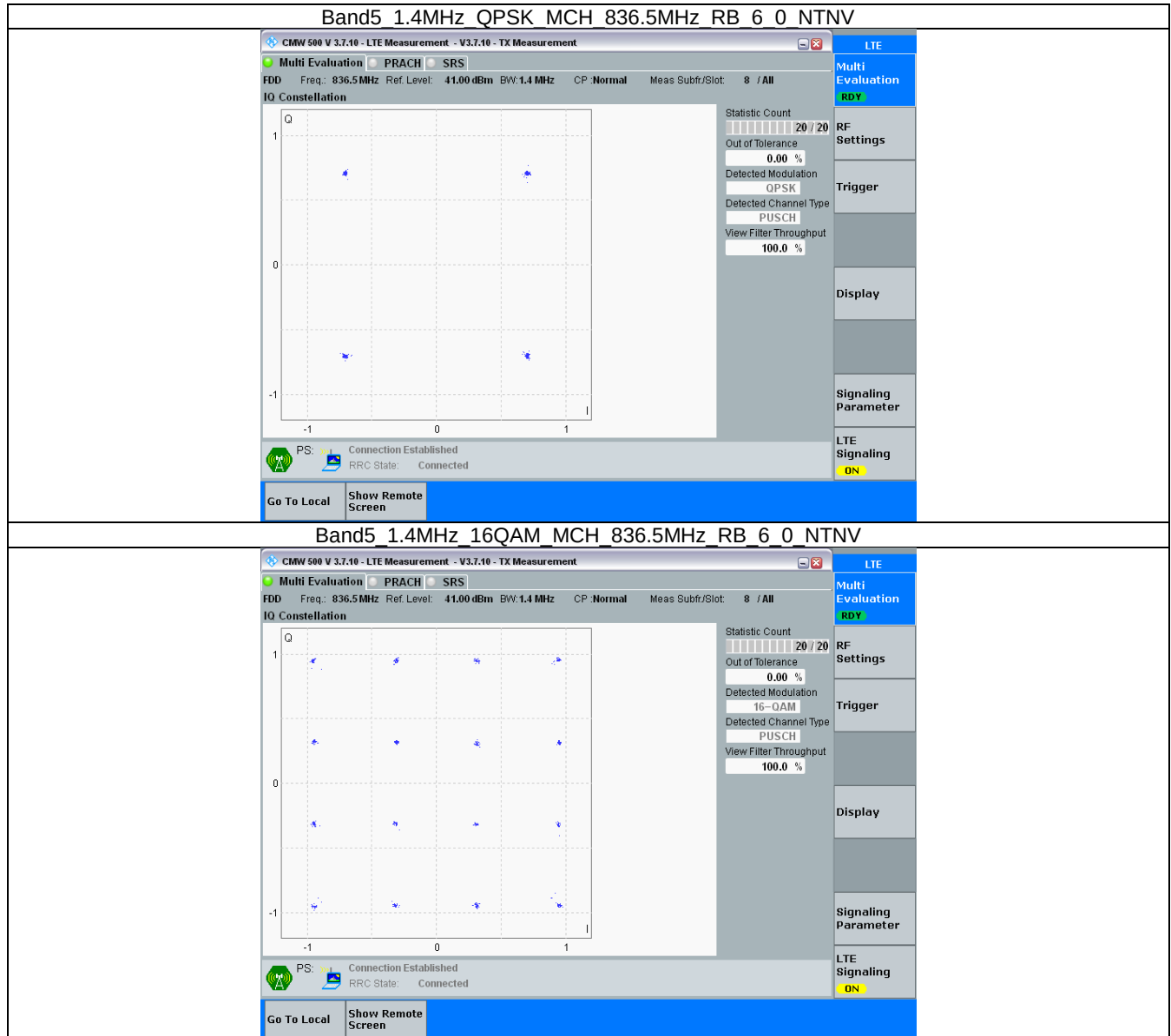
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

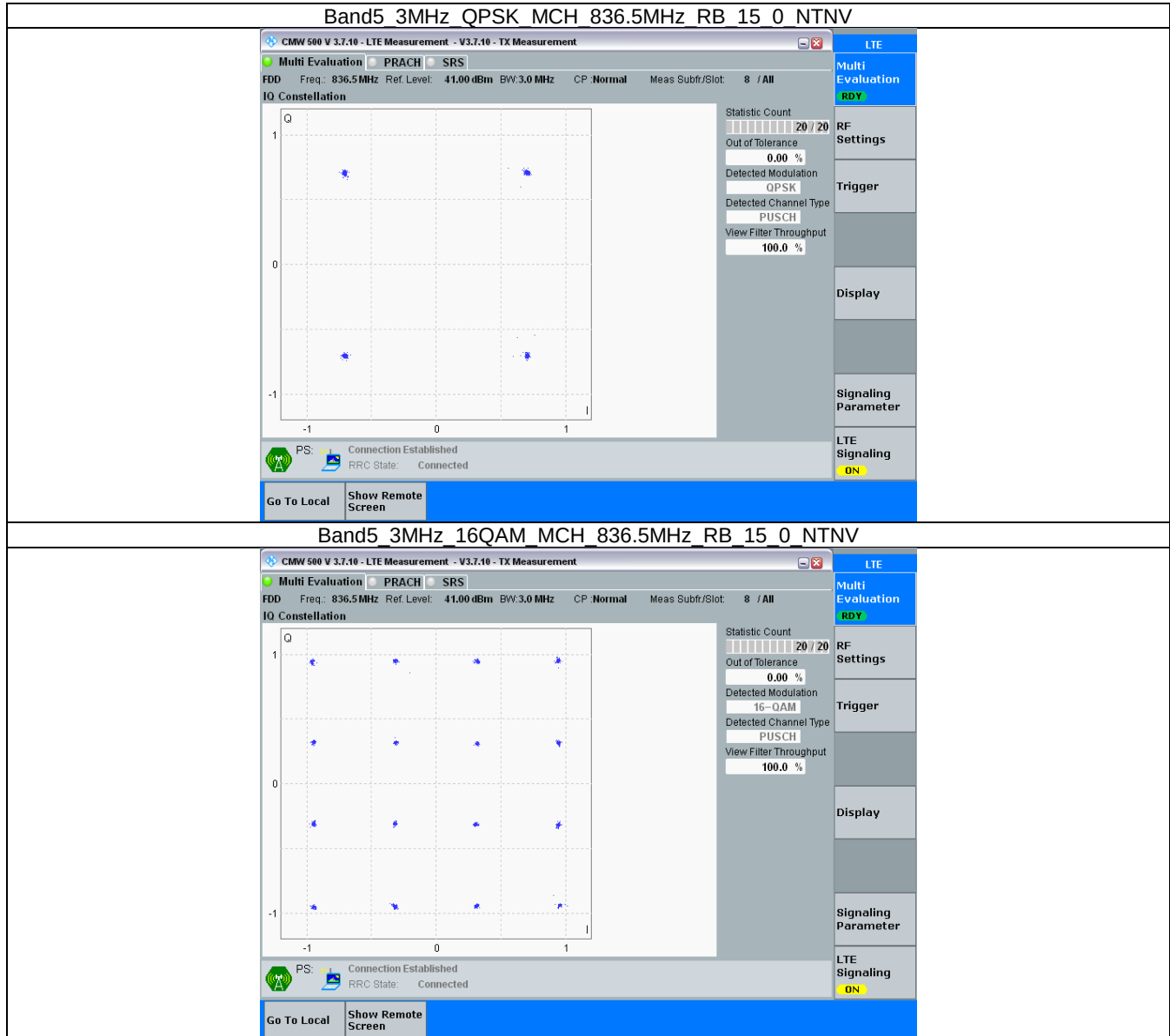
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

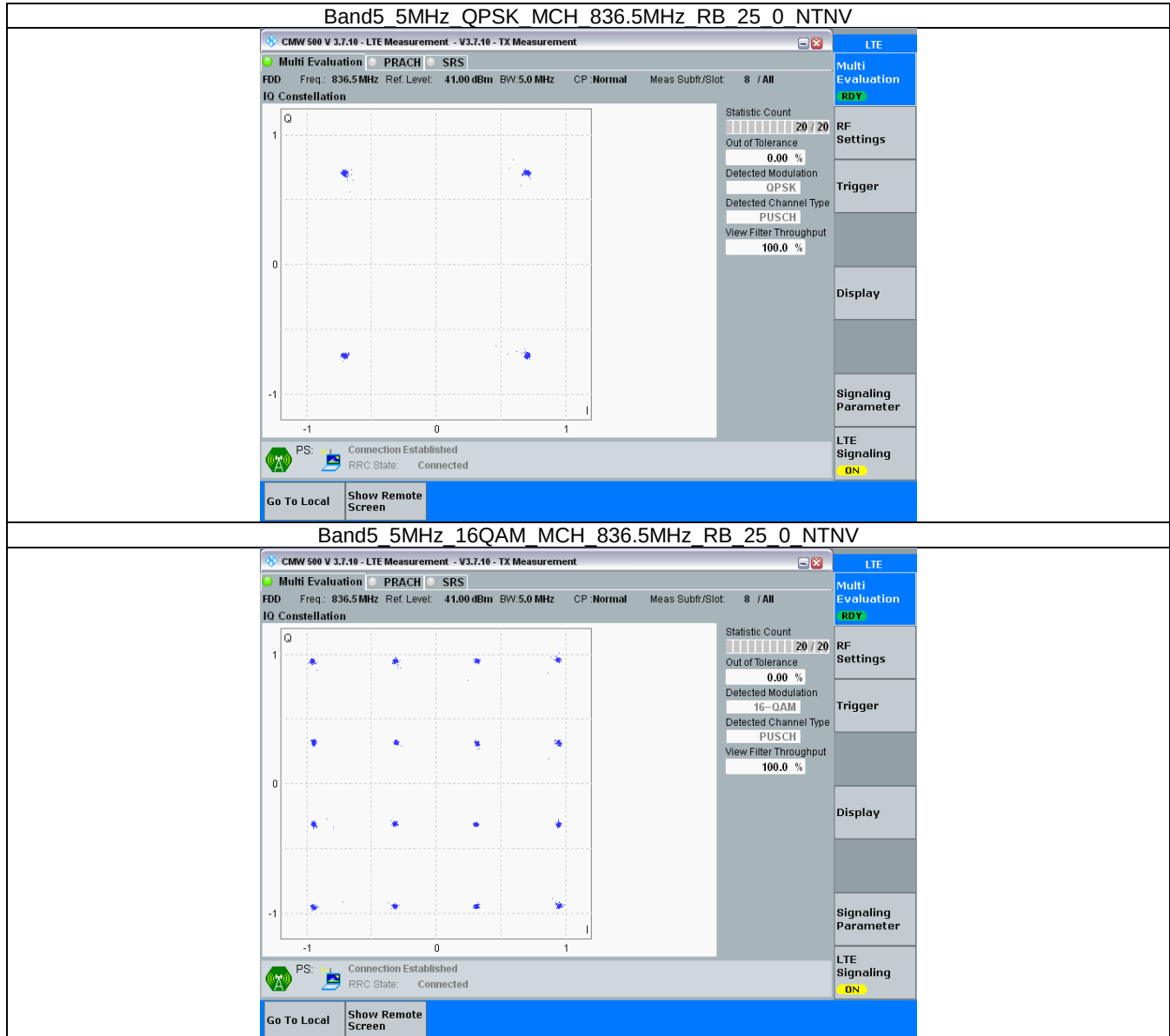
3.2.1 B5_1.4MHz



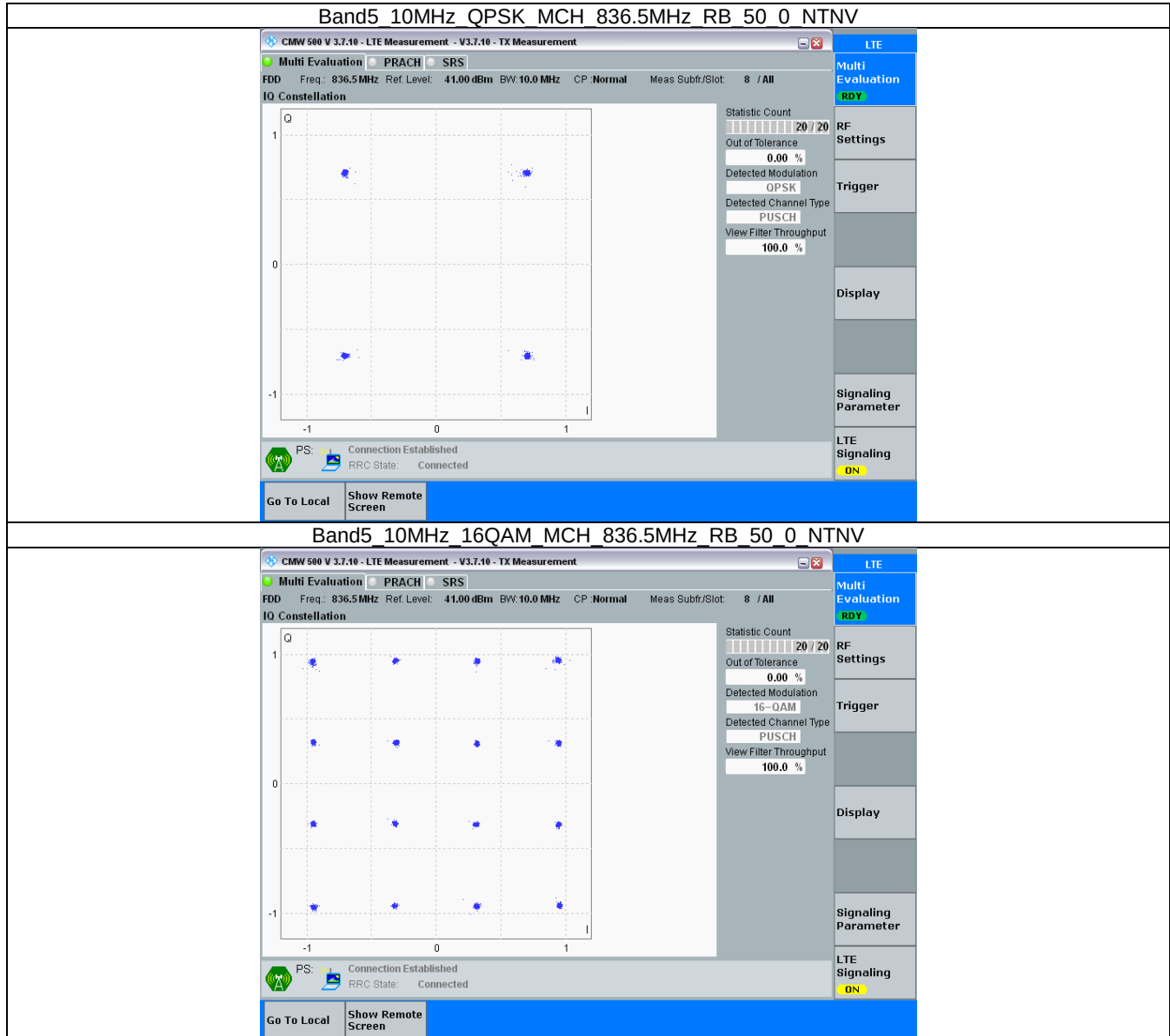
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.091	/	Pass
		836.5	6	0	1.085	/	Pass
		848.3	6	0	1.086	/	Pass
	16QAM	824.7	6	0	1.087	/	Pass
		836.5	6	0	1.080	/	Pass
		848.3	6	0	1.087	/	Pass
3	QPSK	825.5	15	0	2.683	/	Pass
		836.5	15	0	2.690	/	Pass
		847.5	15	0	2.686	/	Pass
	16QAM	825.5	15	0	2.682	/	Pass
		836.5	15	0	2.681	/	Pass
		847.5	15	0	2.684	/	Pass
5	QPSK	826.5	25	0	4.508	/	Pass
		836.5	25	0	4.513	/	Pass
		846.5	25	0	4.517	/	Pass
	16QAM	826.5	25	0	4.529	/	Pass
		836.5	25	0	4.528	/	Pass
		846.5	25	0	4.506	/	Pass
10	QPSK	829	50	0	8.945	/	Pass
		836.5	50	0	8.944	/	Pass
		844	50	0	8.960	/	Pass
	16QAM	829	50	0	8.944	/	Pass
		836.5	50	0	8.966	/	Pass
		844	50	0	8.940	/	Pass

4.1.2 Band5_XDB

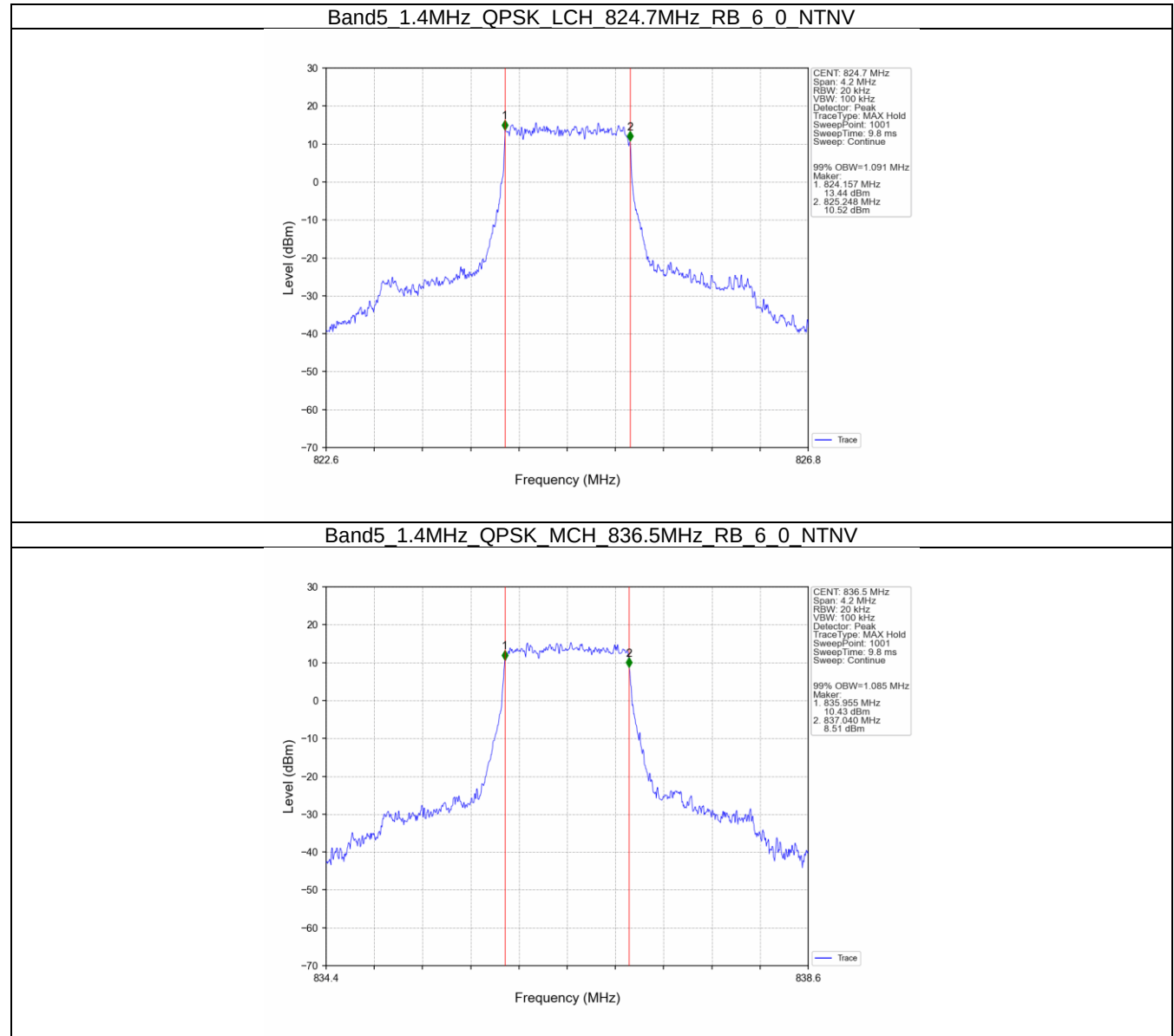
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.250	/	Pass
		836.5	6	0	1.281	/	Pass
		848.3	6	0	1.269	/	Pass
	16QAM	824.7	6	0	1.270	/	Pass
		836.5	6	0	1.236	/	Pass
		848.3	6	0	1.278	/	Pass
3	QPSK	825.5	15	0	2.898	/	Pass
		836.5	15	0	2.871	/	Pass
		847.5	15	0	2.881	/	Pass
	16QAM	825.5	15	0	2.878	/	Pass
		836.5	15	0	2.890	/	Pass
		847.5	15	0	2.872	/	Pass
5	QPSK	826.5	25	0	4.920	/	Pass
		836.5	25	0	4.946	/	Pass
		846.5	25	0	4.932	/	Pass
	16QAM	826.5	25	0	4.987	/	Pass
		836.5	25	0	4.931	/	Pass
		846.5	25	0	4.946	/	Pass
10	QPSK	829	50	0	9.544	/	Pass



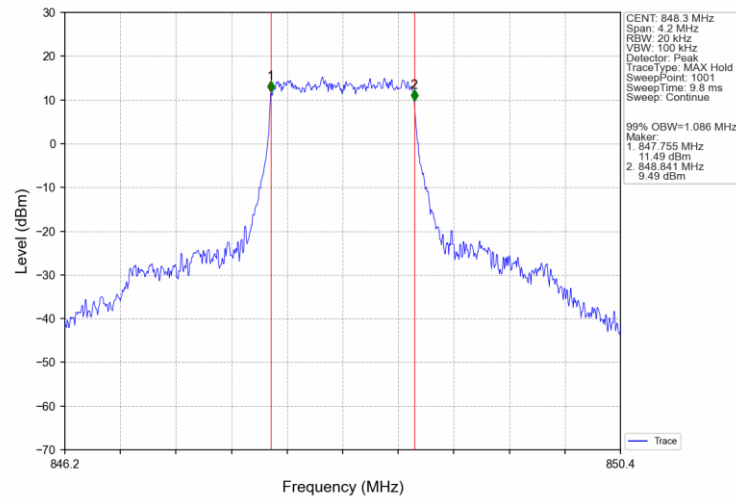
		836.5	50	0	9.527	/	Pass
		844	50	0	9.656	/	Pass
	16QAM	829	50	0	9.586	/	Pass
		836.5	50	0	9.575	/	Pass
		844	50	0	9.577	/	Pass

4.2 Test Graph

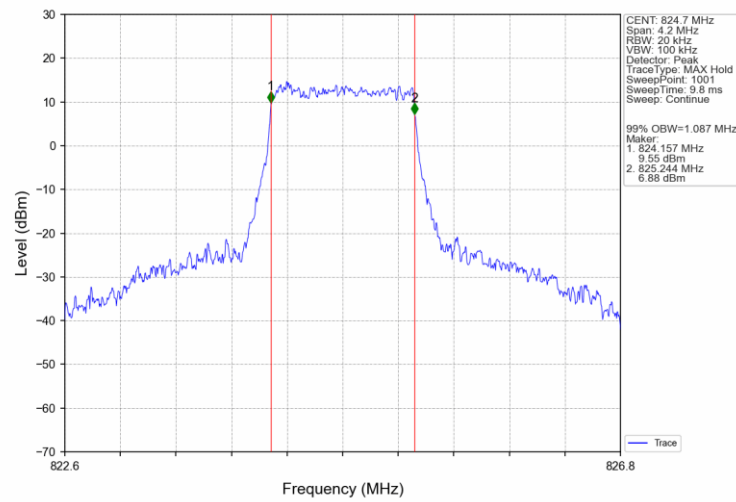
4.2.1 Band5_OBW



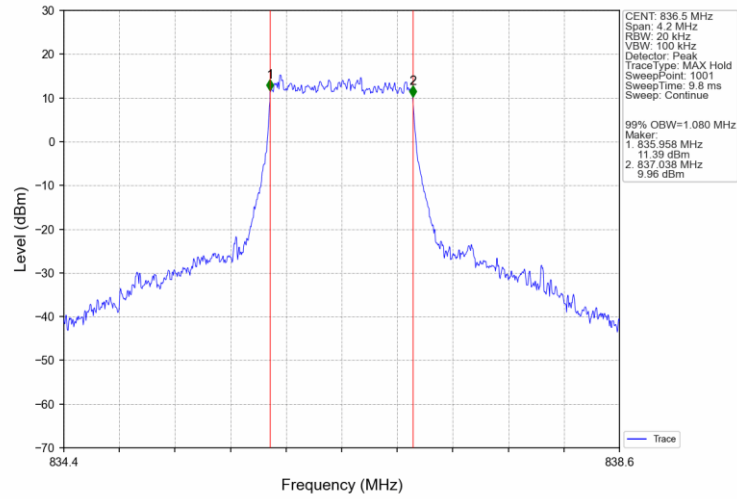
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



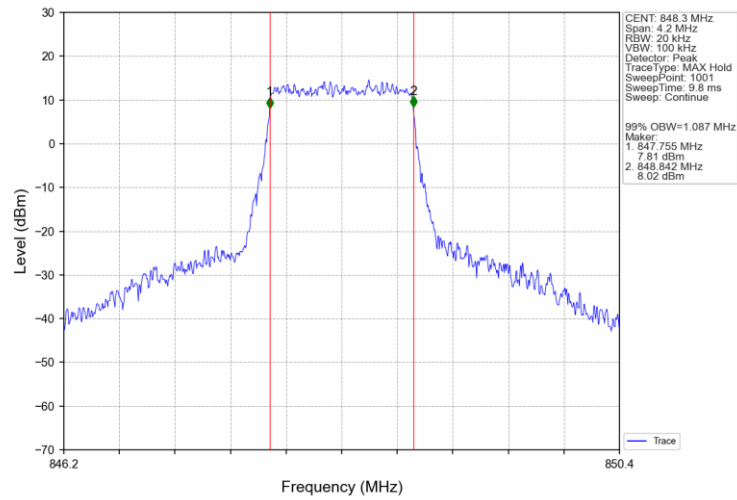
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



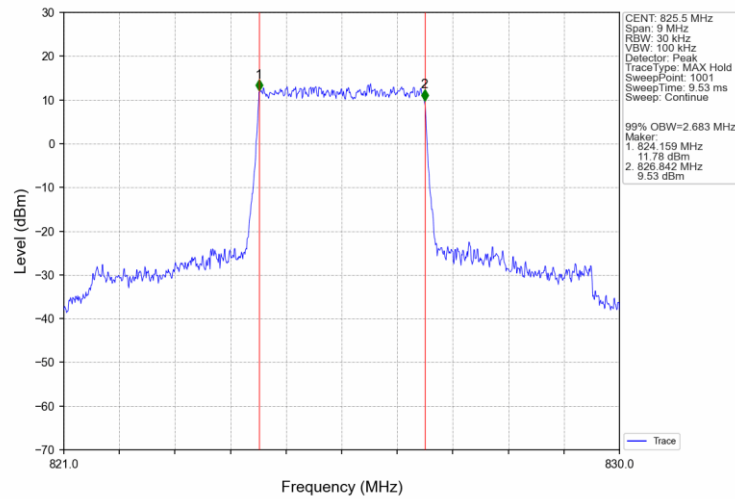
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



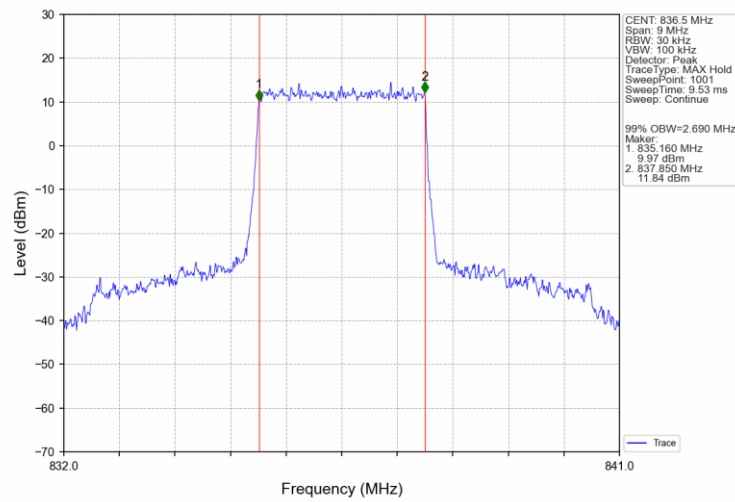
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



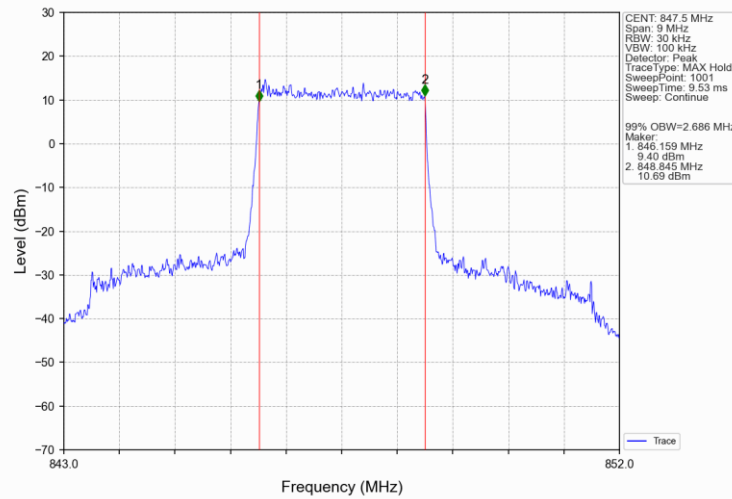
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



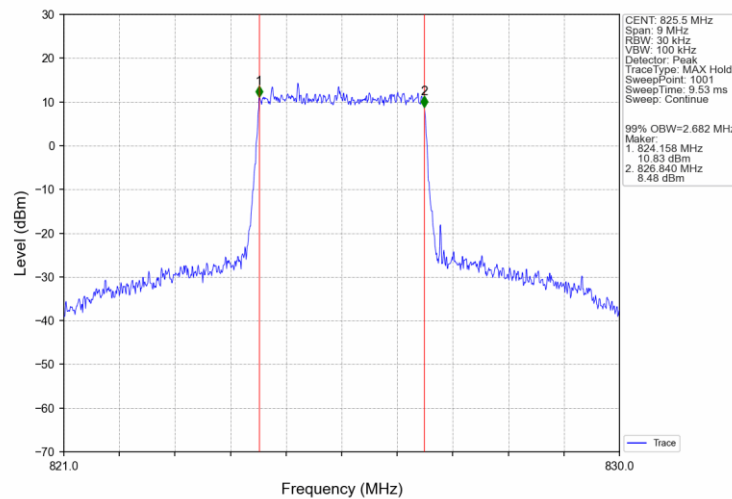
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



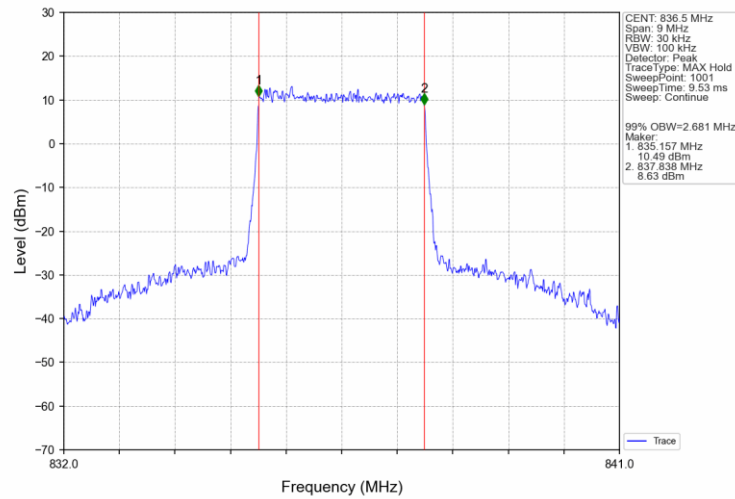
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



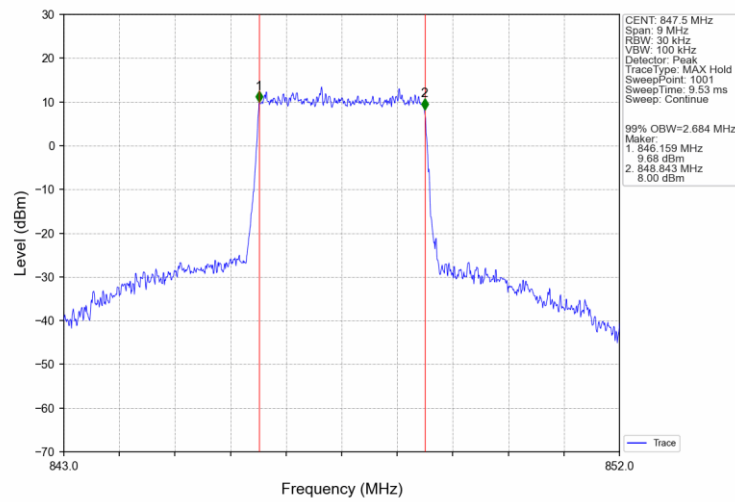
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



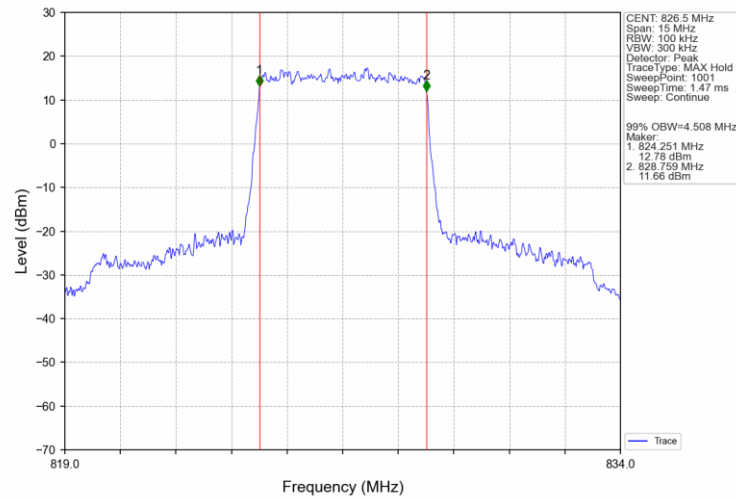
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



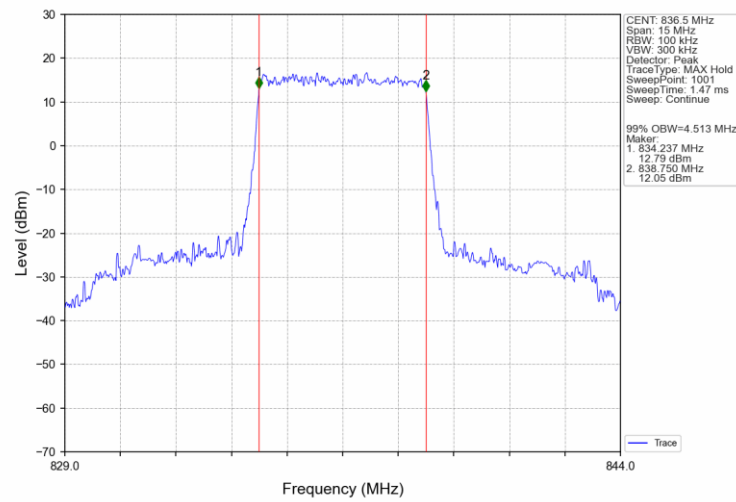
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



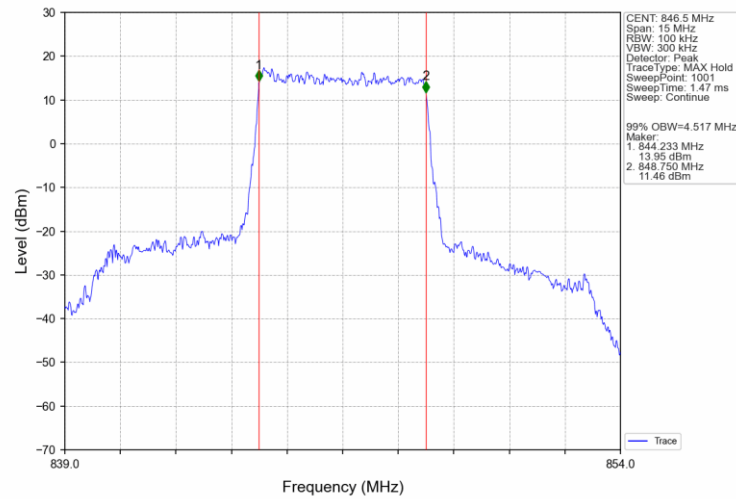
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



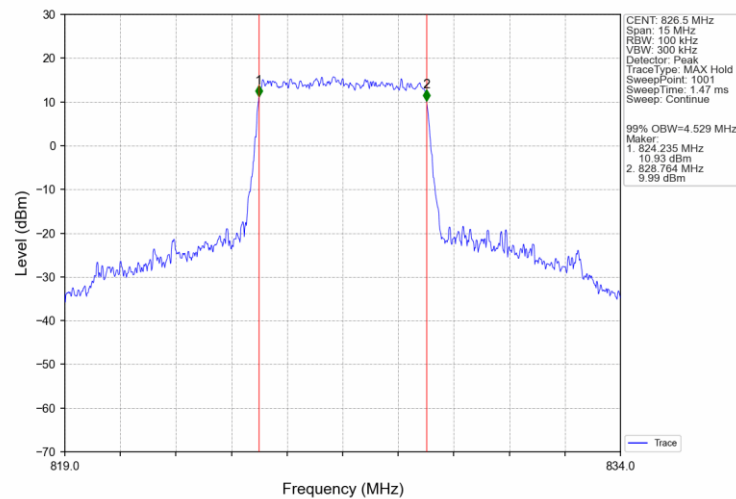
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



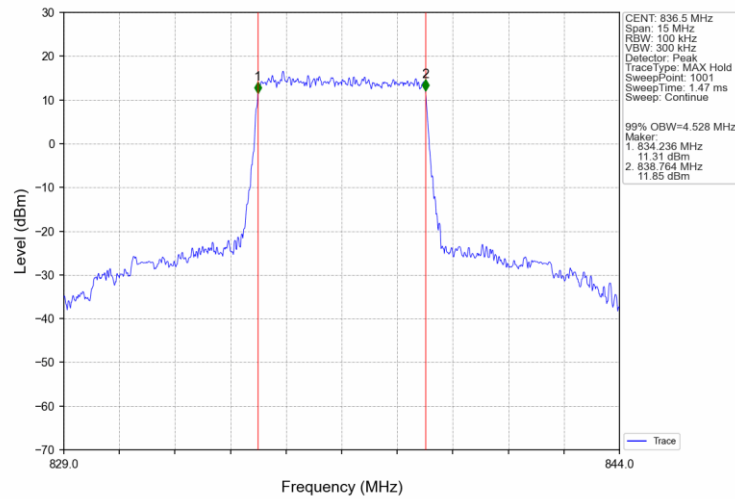
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



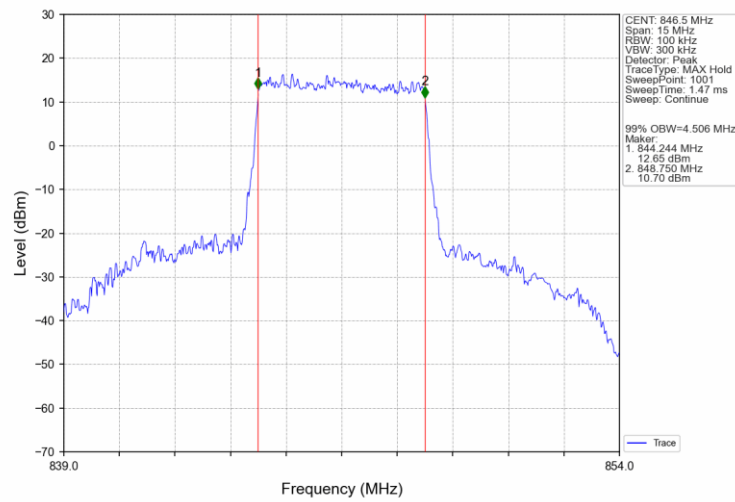
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



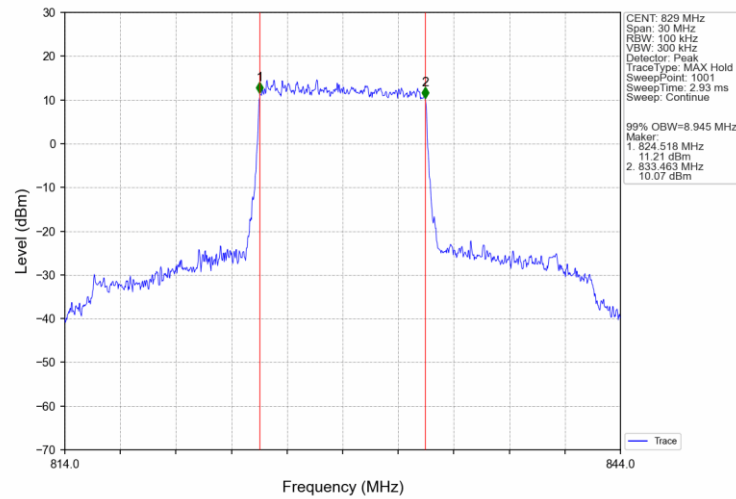
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



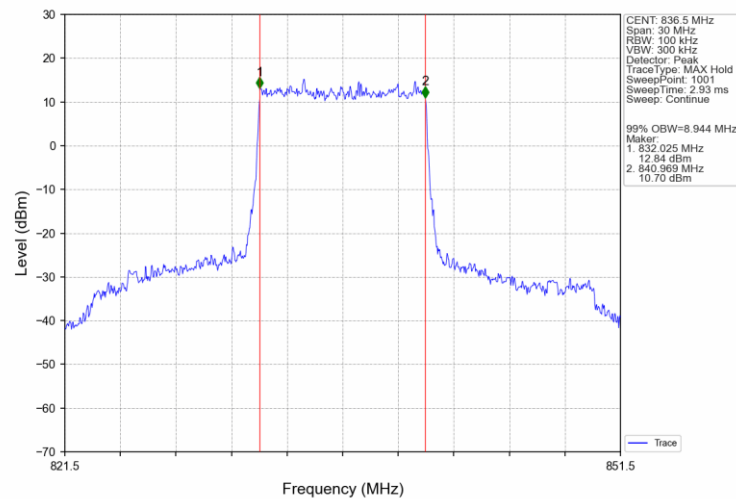
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



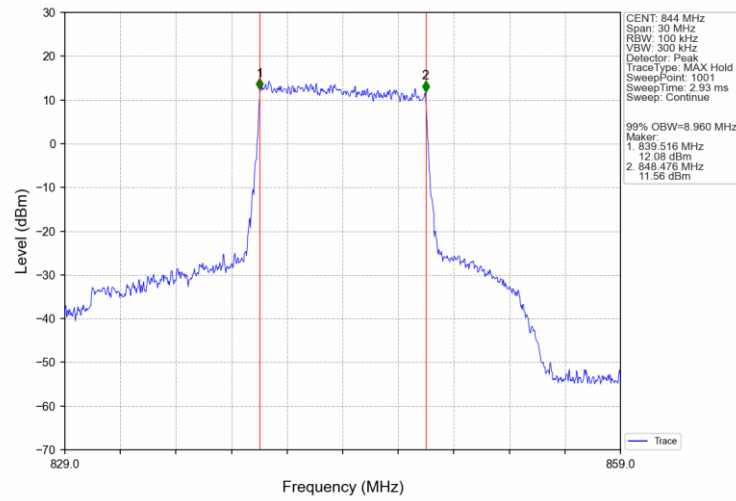
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



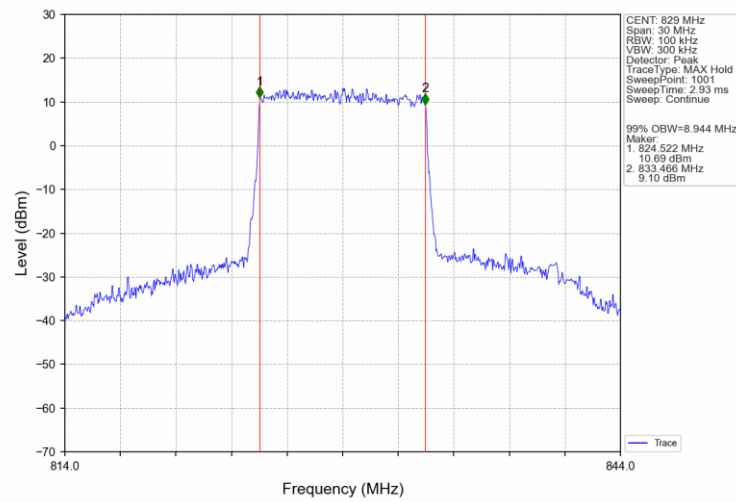
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



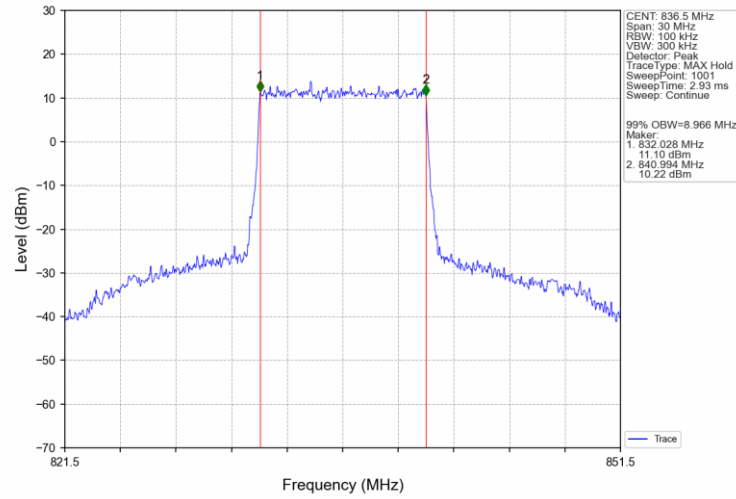
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



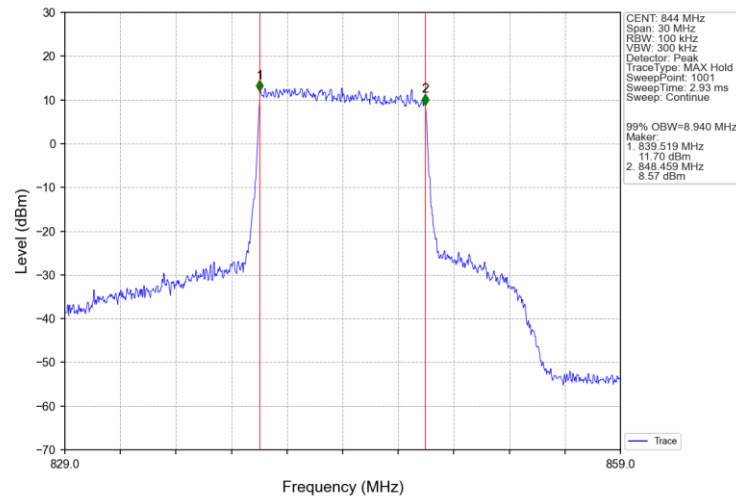
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

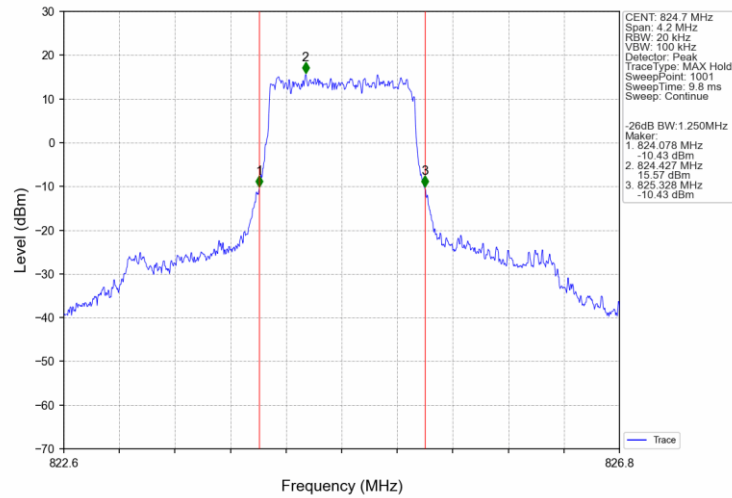


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

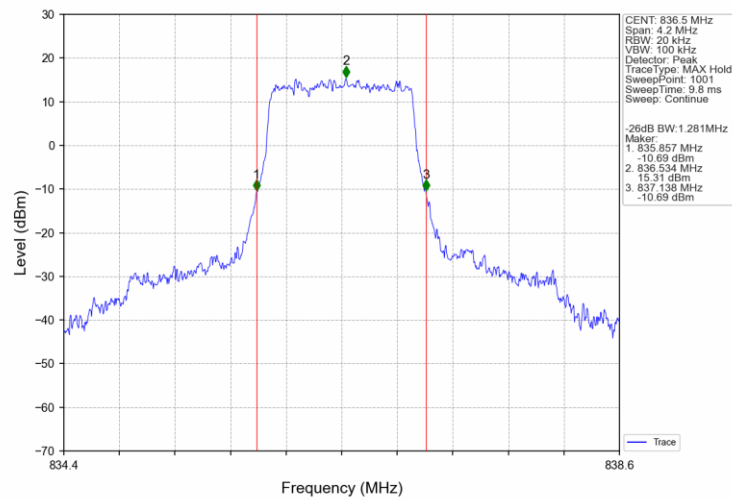


4.2.2 Band5_XDB

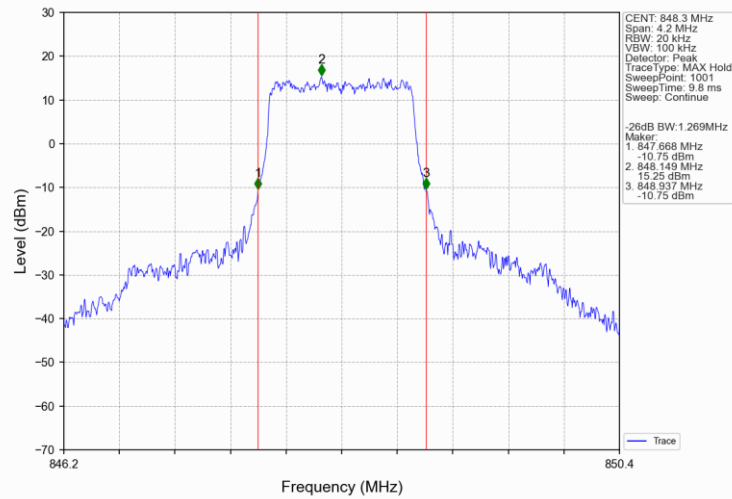
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



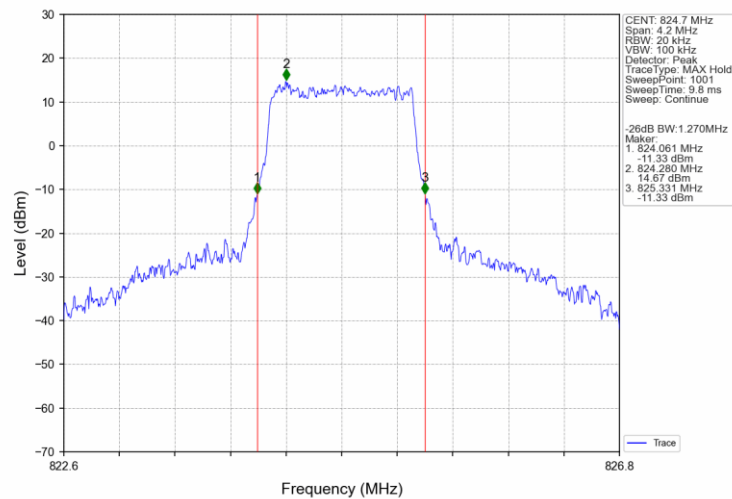
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTN



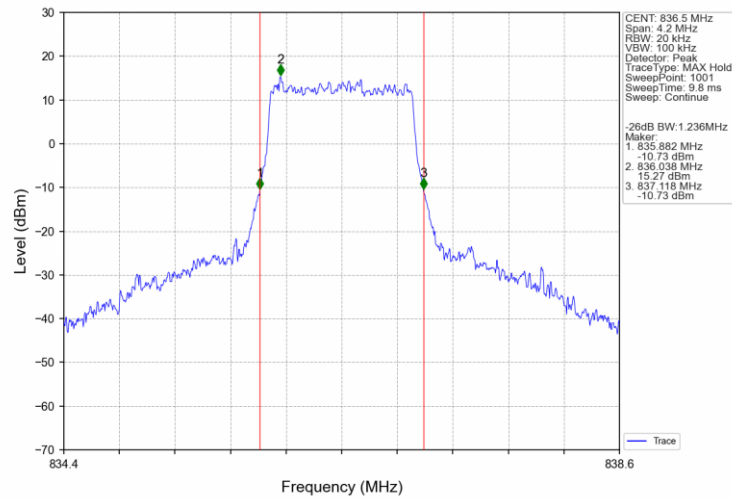
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



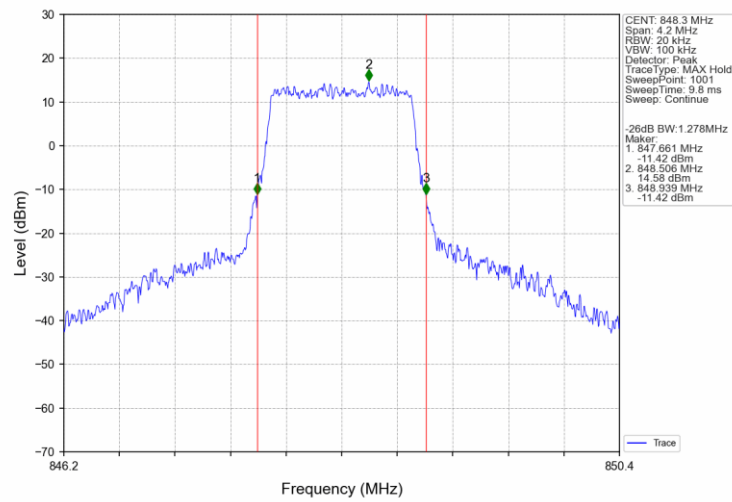
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



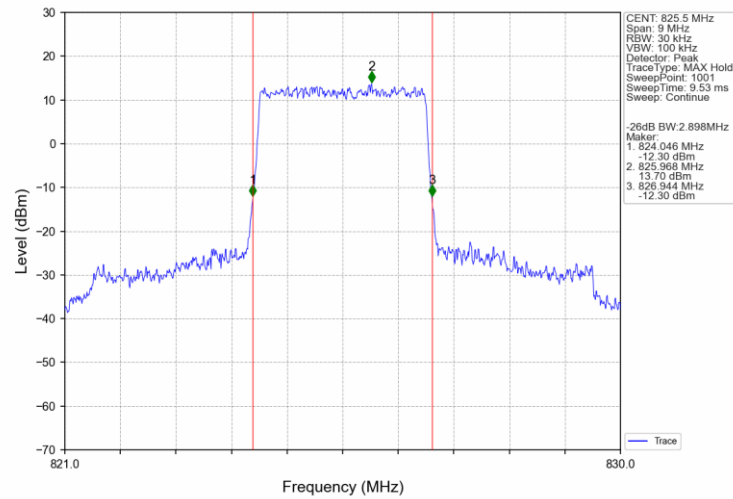
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



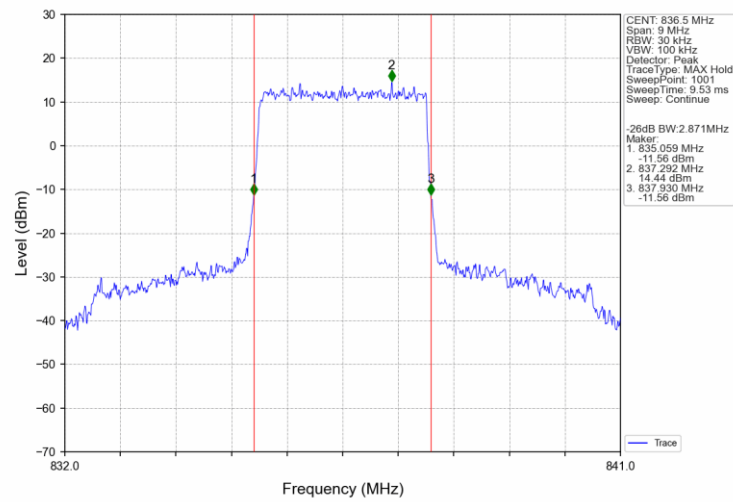
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



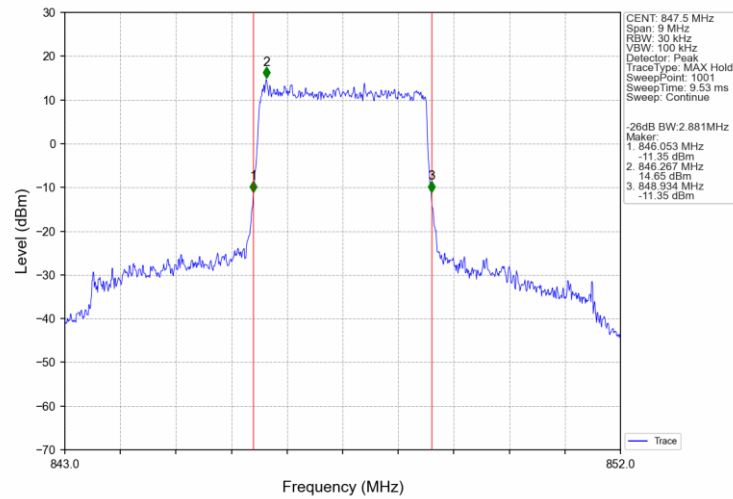
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



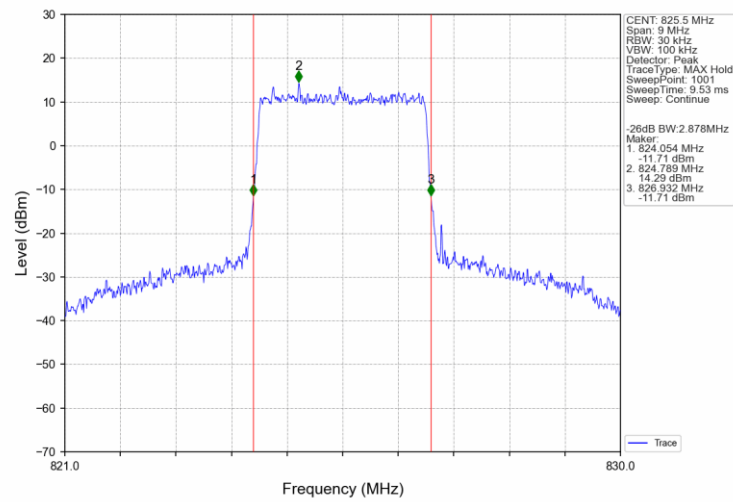
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



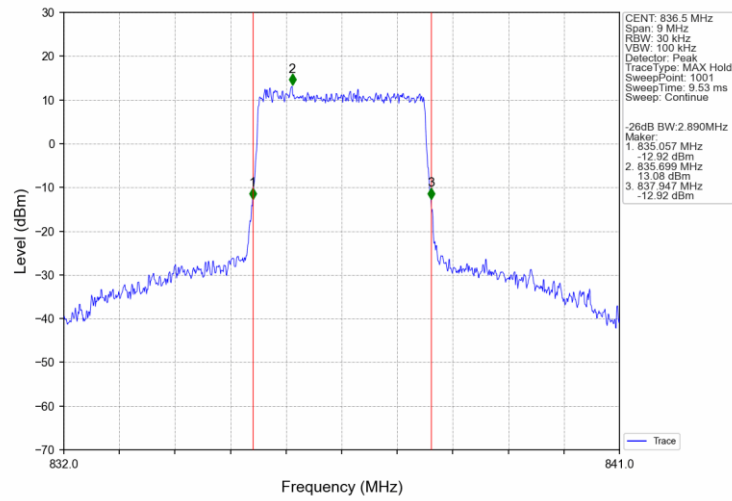
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



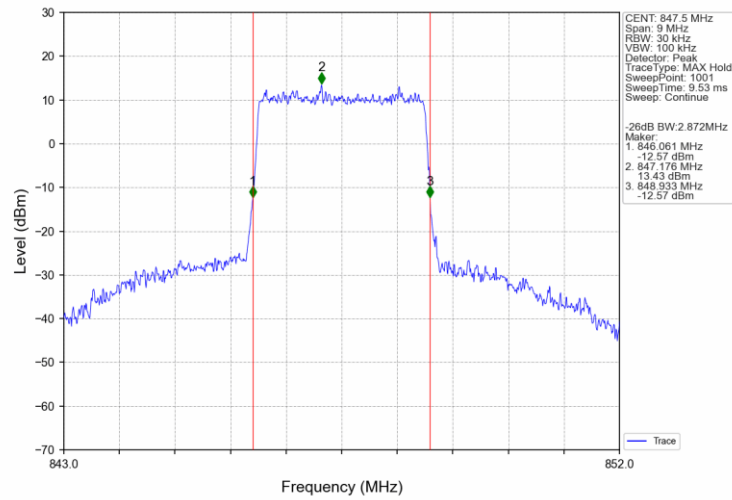
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



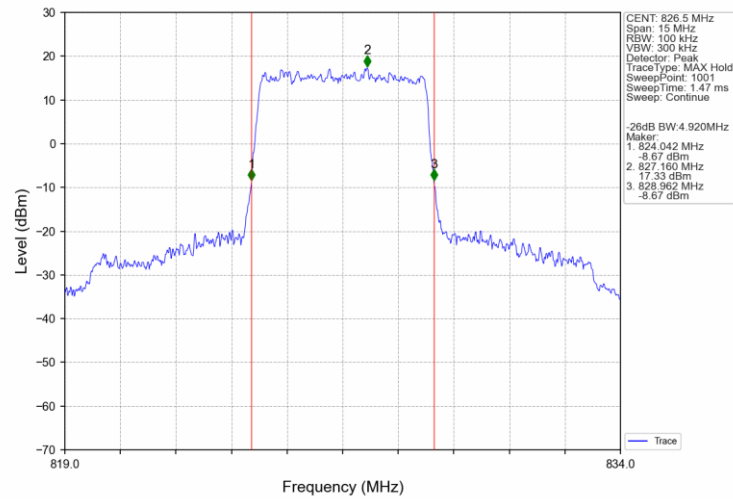
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



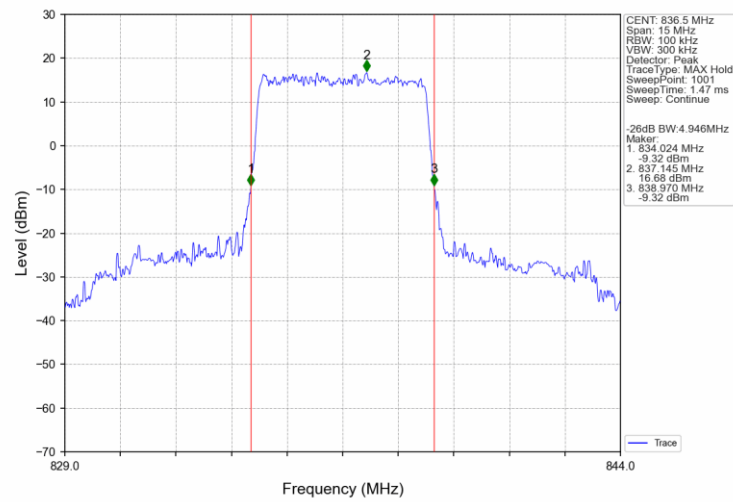
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



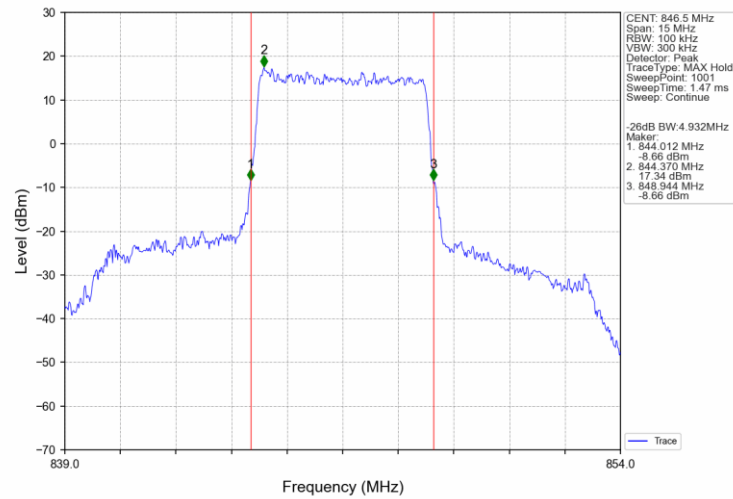
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



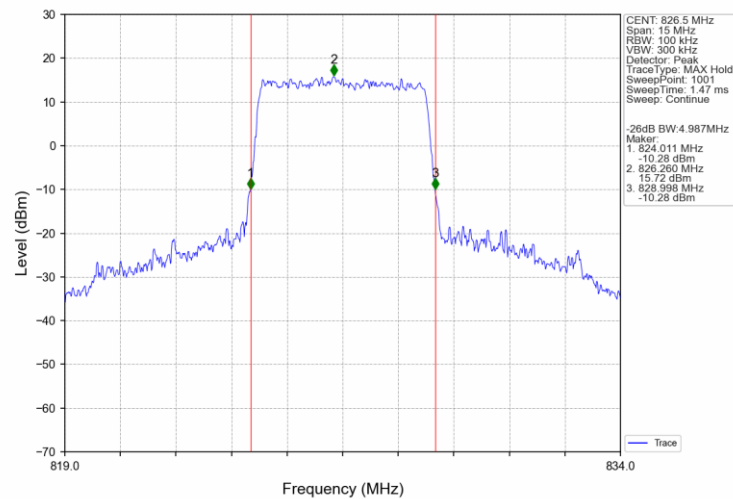
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



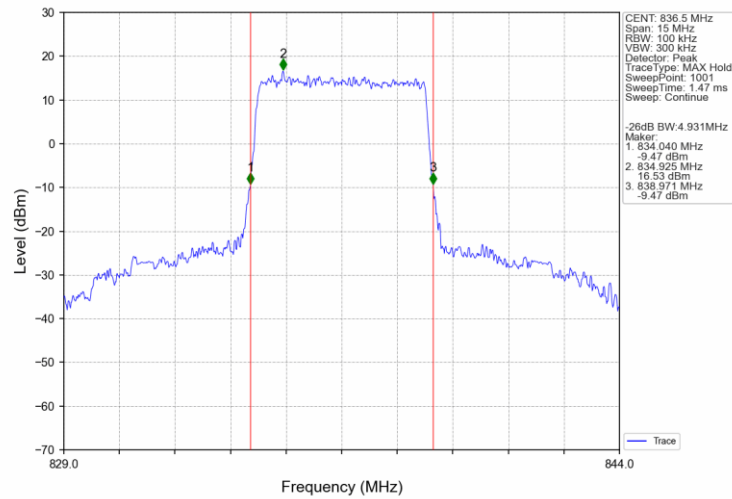
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



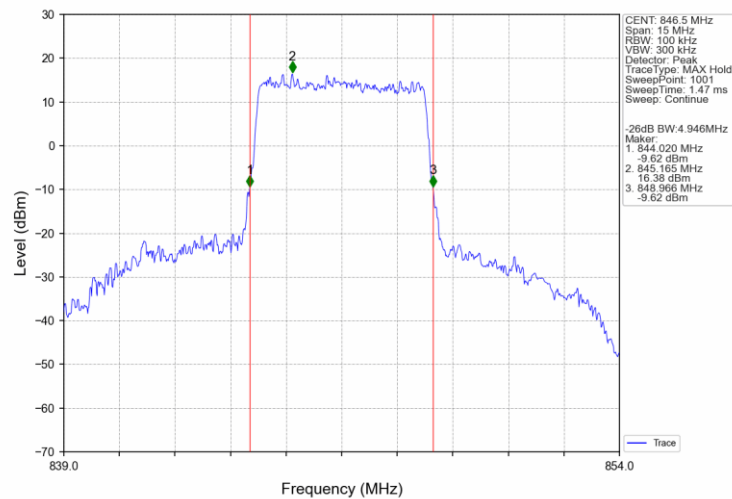
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



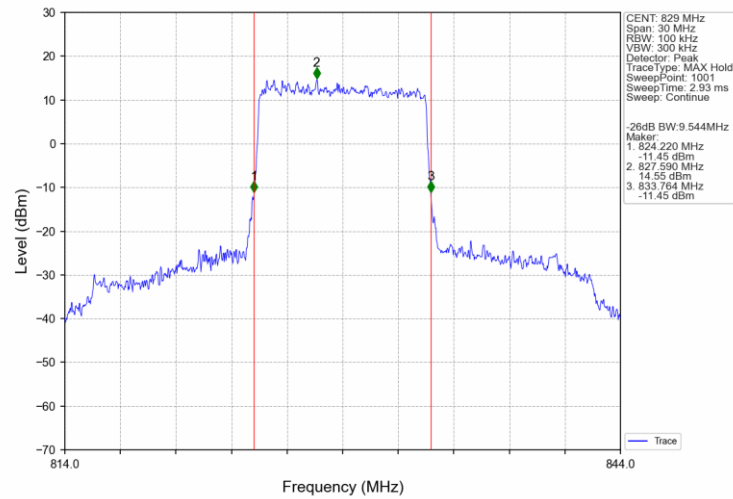
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



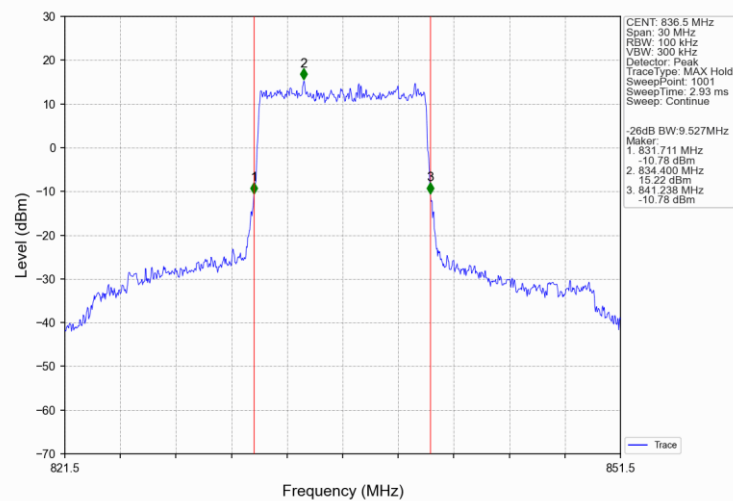
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



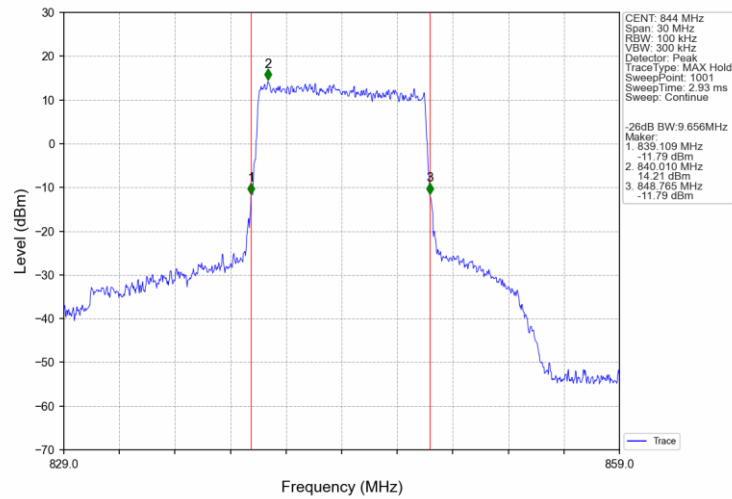
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



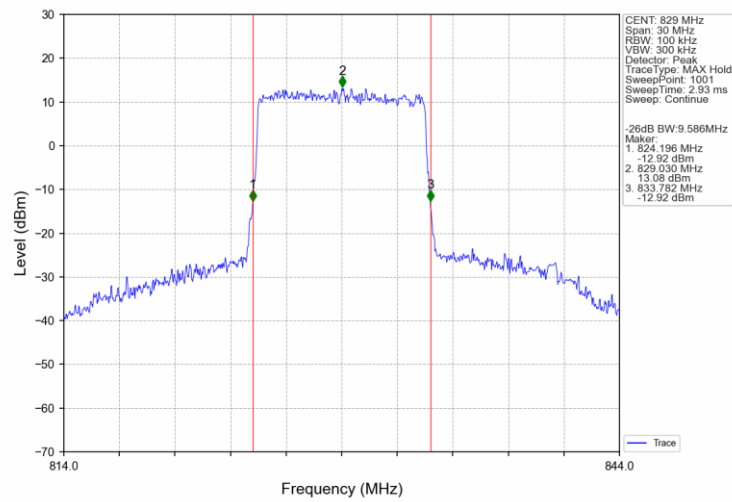
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



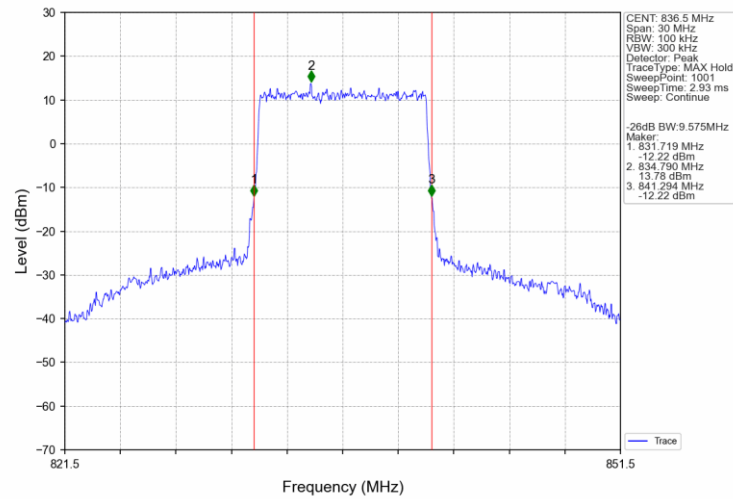
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



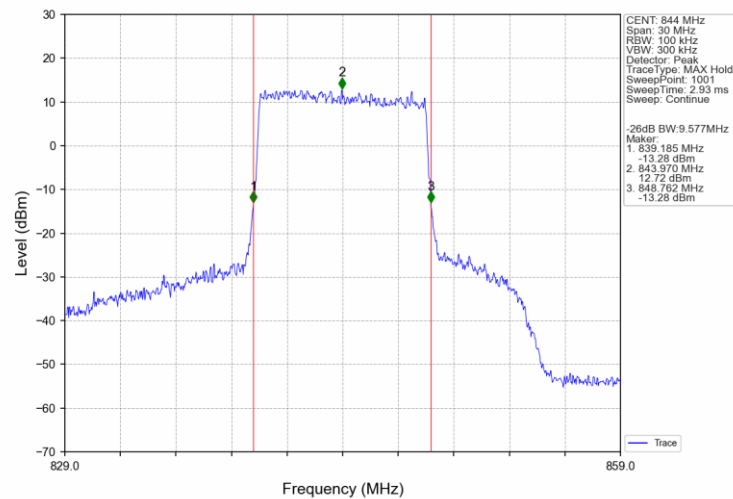
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	4.80	<=13	Pass
	836.5	6	0	5.32	<=13	Pass
	848.3	6	0	5.03	<=13	Pass
16QAM	824.7	6	0	5.60	<=13	Pass
	836.5	6	0	6.17	<=13	Pass
	848.3	6	0	5.78	<=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	4.92	<=13	Pass
	836.5	15	0	5.41	<=13	Pass
	847.5	15	0	5.28	<=13	Pass
16QAM	825.5	15	0	5.73	<=13	Pass
	836.5	15	0	6.27	<=13	Pass
	847.5	15	0	6.11	<=13	Pass

5.1.3 B5_5MHz

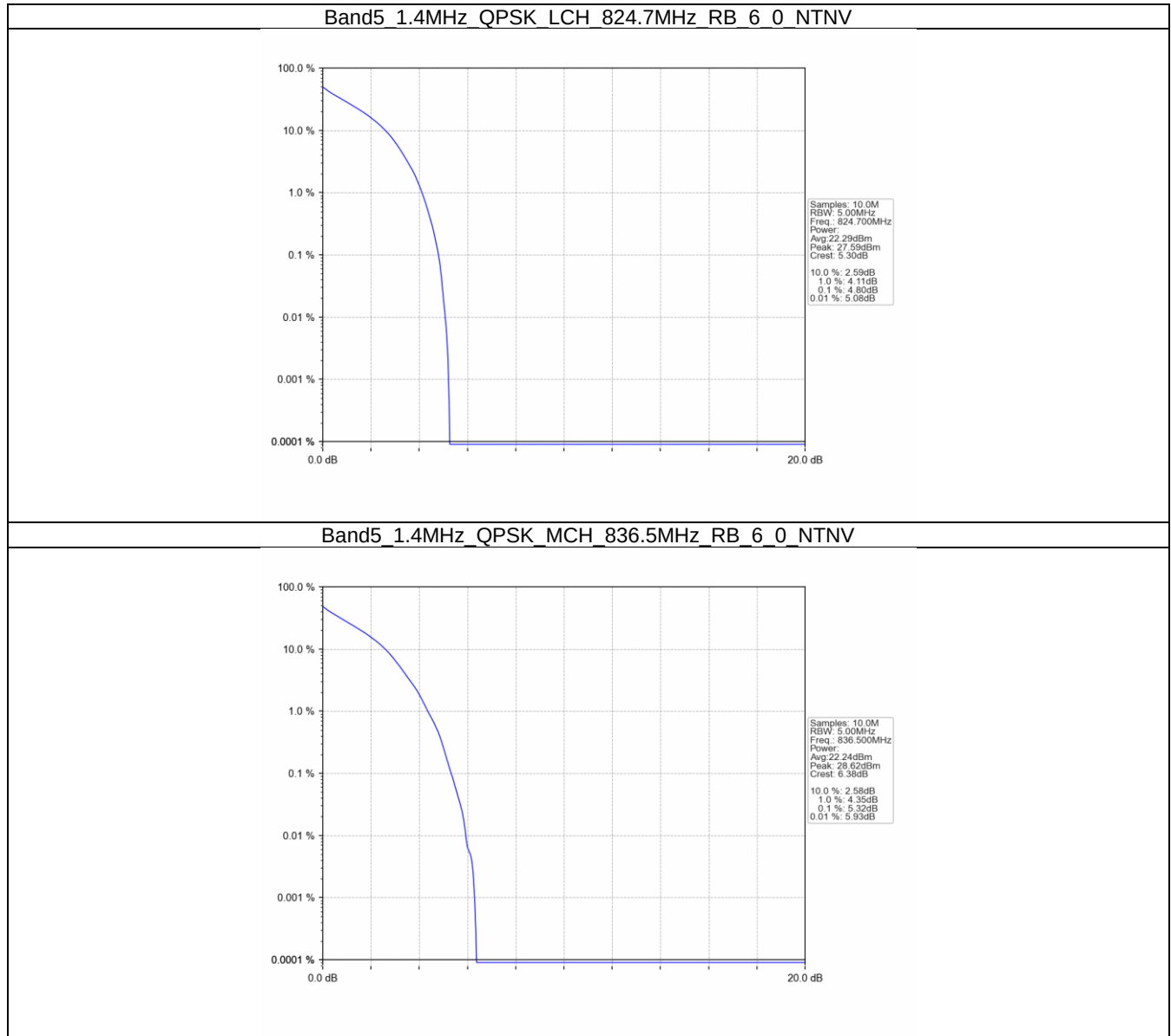
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.18	<=13	Pass
	836.5	25	0	5.57	<=13	Pass
	846.5	25	0	5.49	<=13	Pass
16QAM	826.5	25	0	5.97	<=13	Pass
	836.5	25	0	6.28	<=13	Pass
	846.5	25	0	6.16	<=13	Pass

5.1.4 B5_10MHz

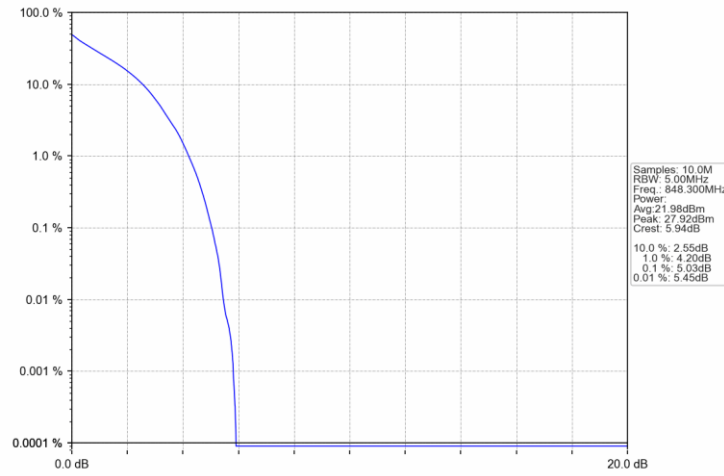
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.28	<=13	Pass
	836.5	50	0	5.49	<=13	Pass
	844	50	0	5.41	<=13	Pass
16QAM	829	50	0	6.09	<=13	Pass
	836.5	50	0	6.28	<=13	Pass
	844	50	0	6.16	<=13	Pass

5.2 Test Graph

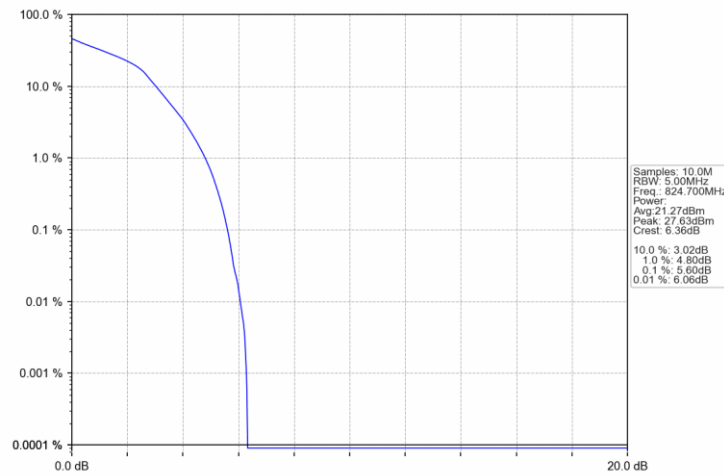
5.2.1 B5_1.4MHz



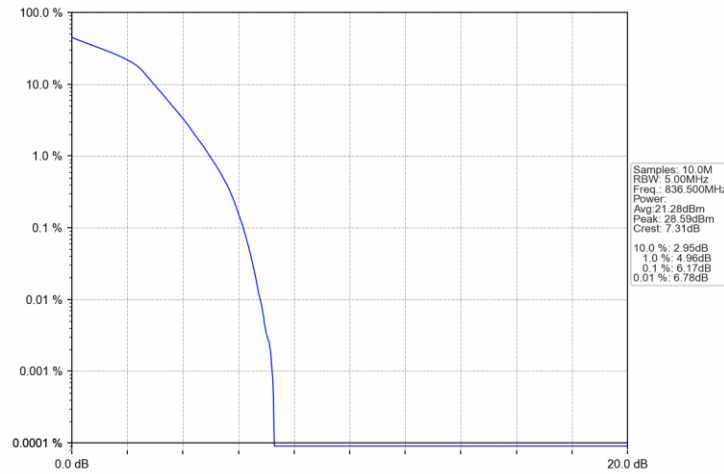
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



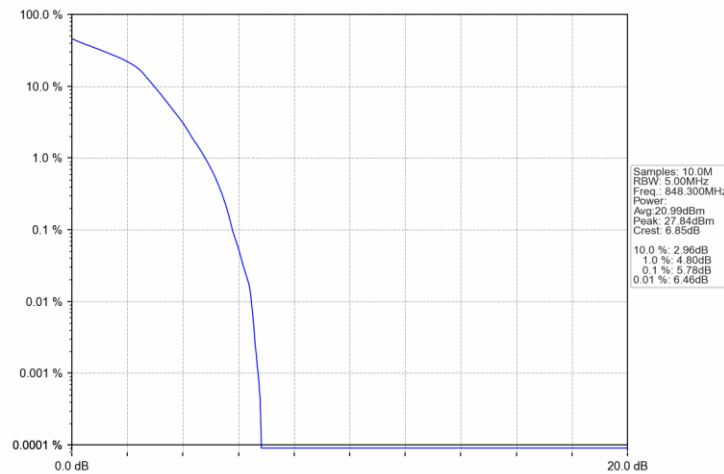
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



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

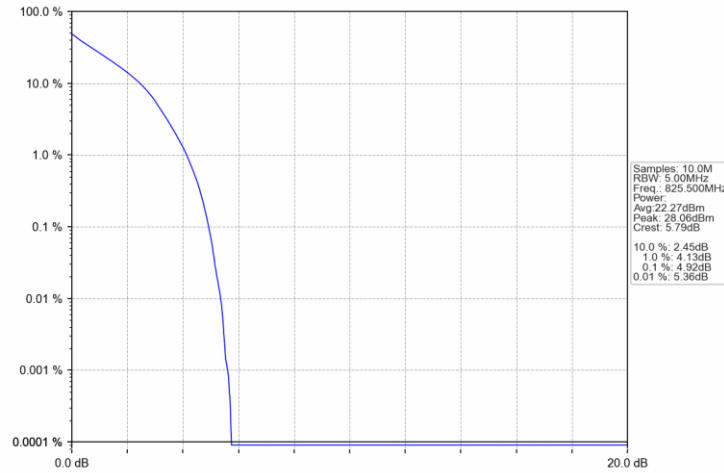


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

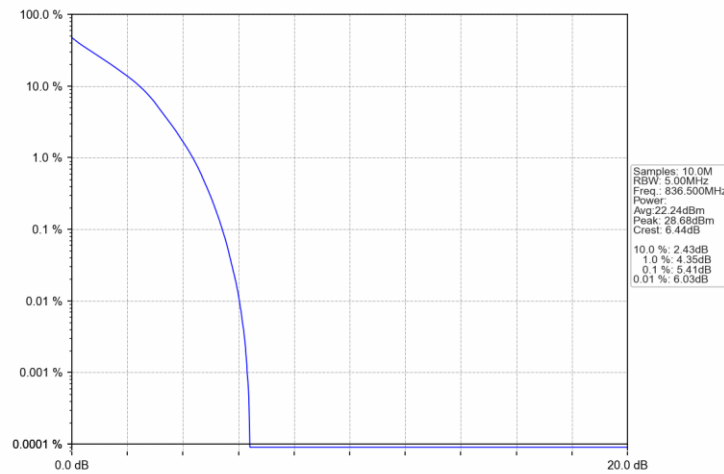


5.2.2 B5_3MHz

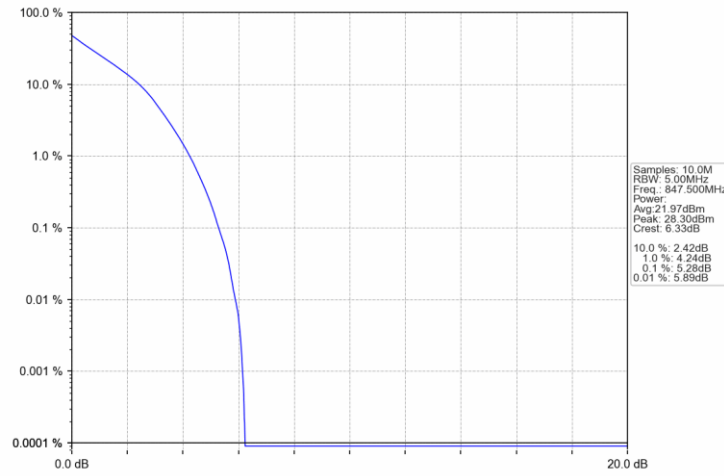
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



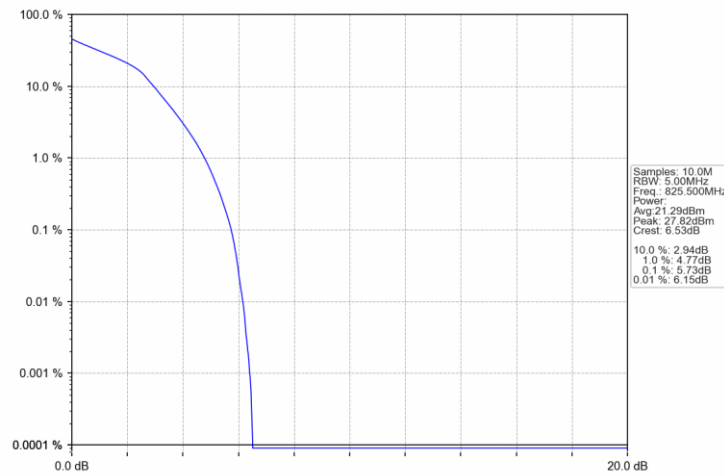
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



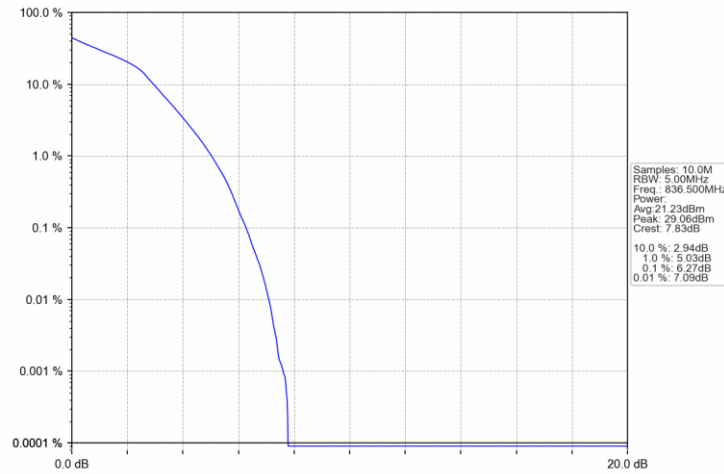
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTV



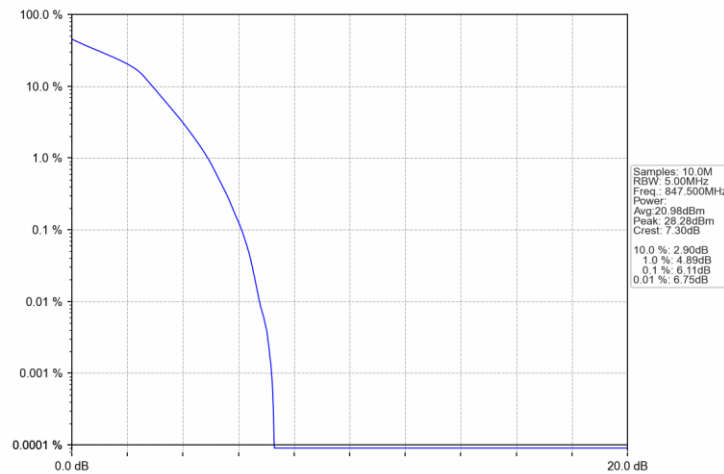
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



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

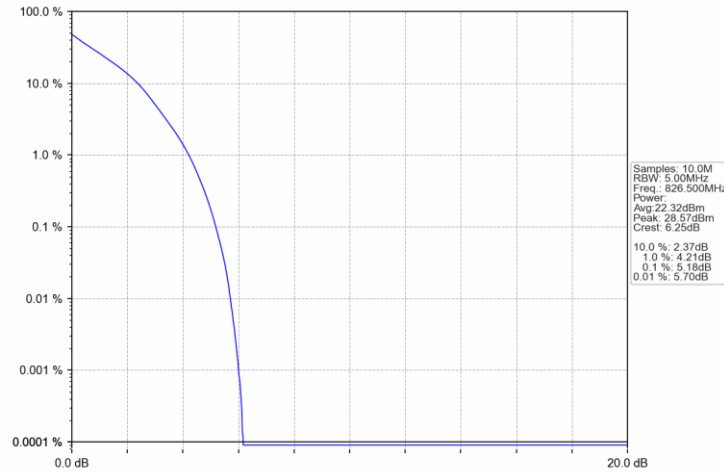


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

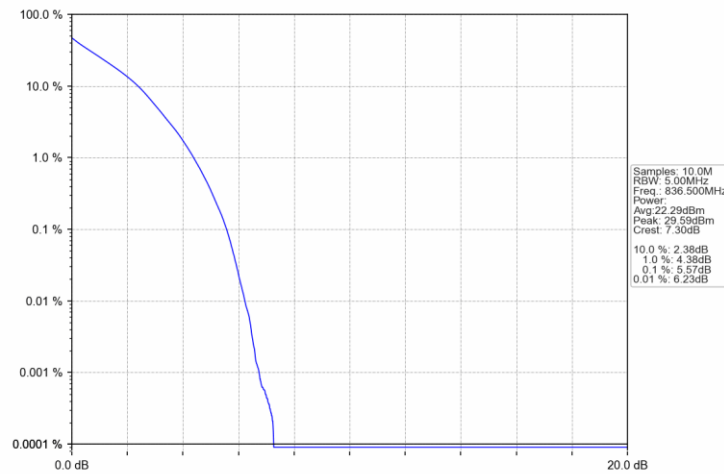


5.2.3 B5_5MHz

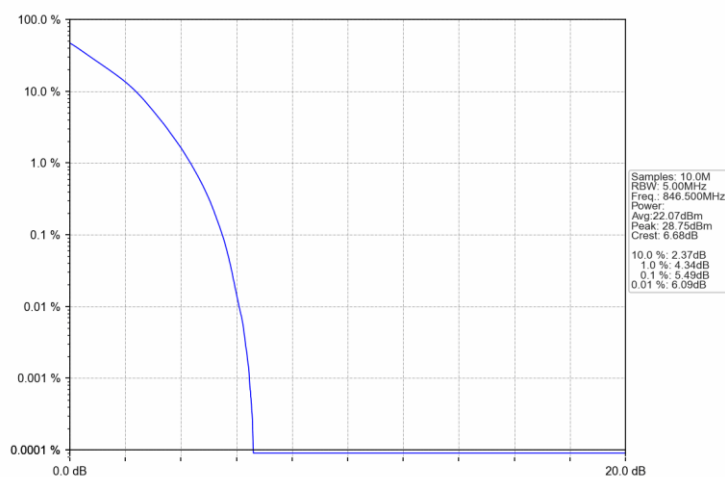
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



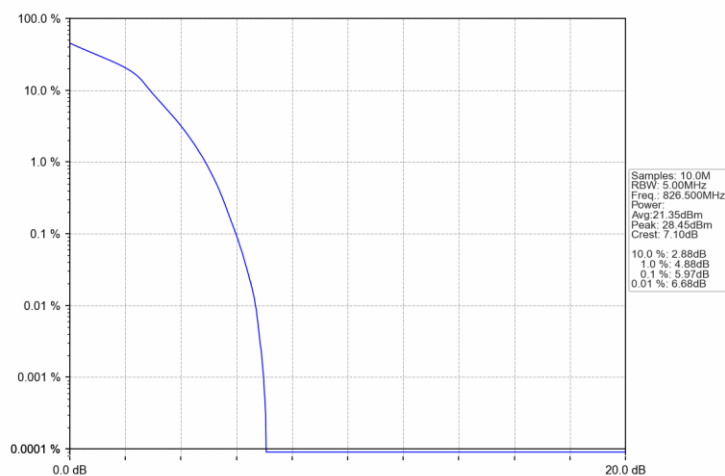
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



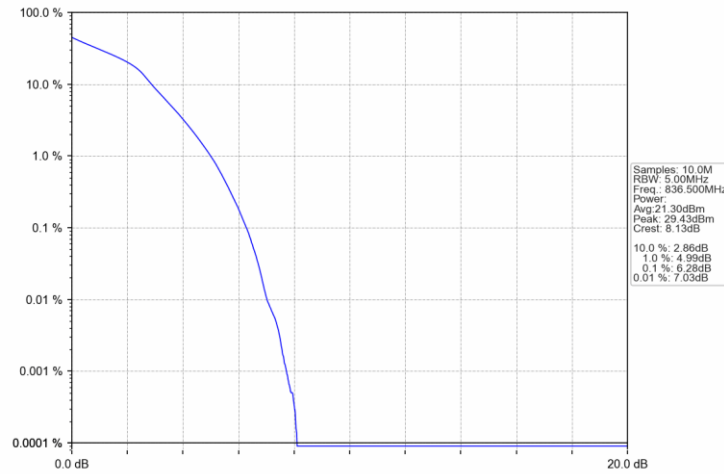
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



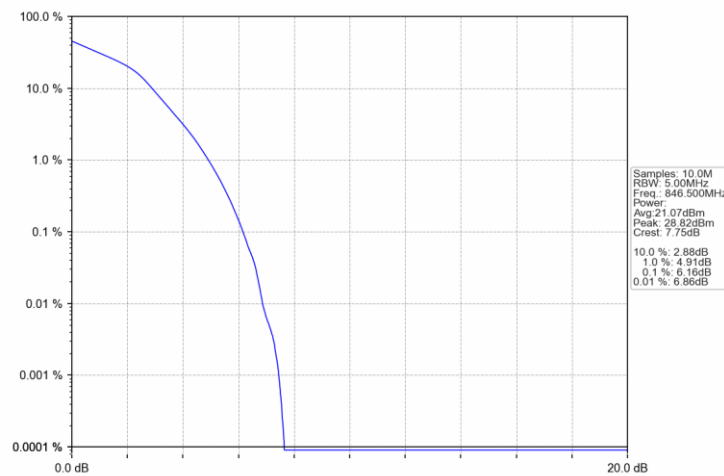
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



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

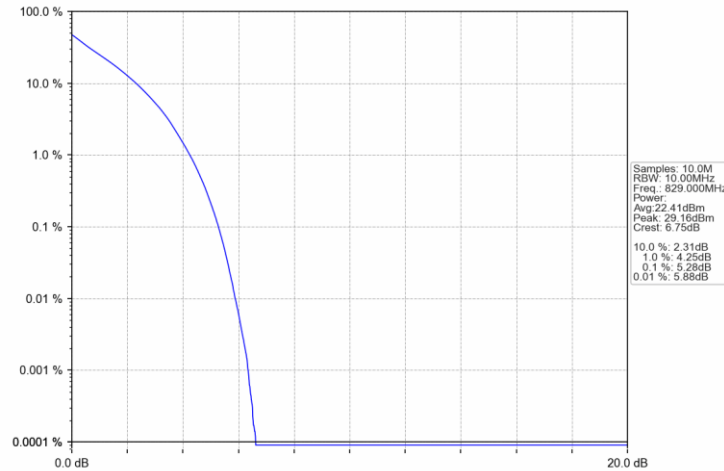


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV

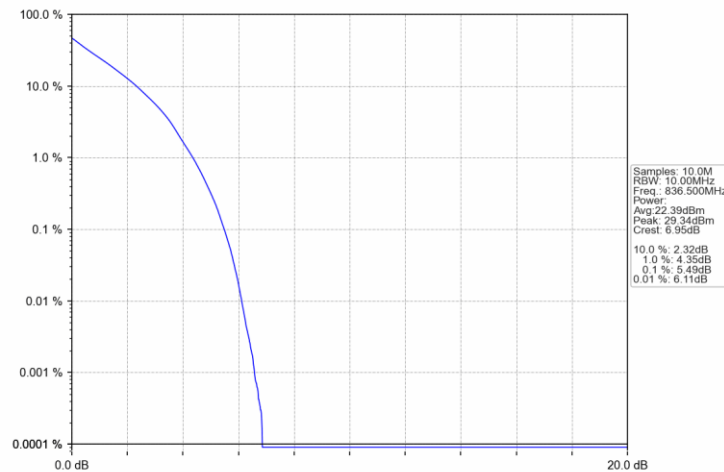


5.2.4 B5_10MHz

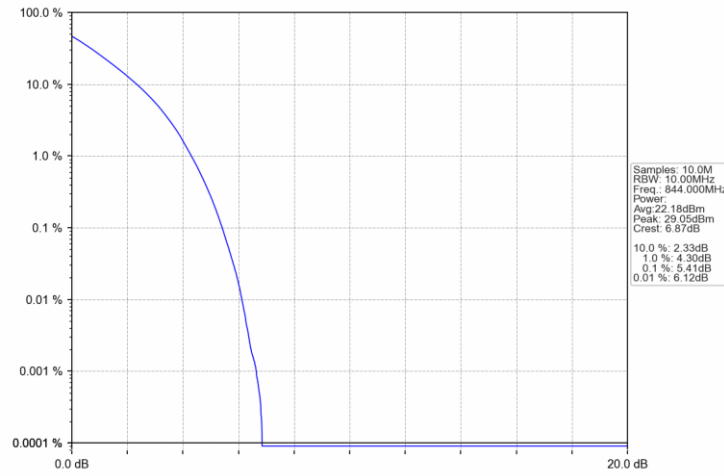
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



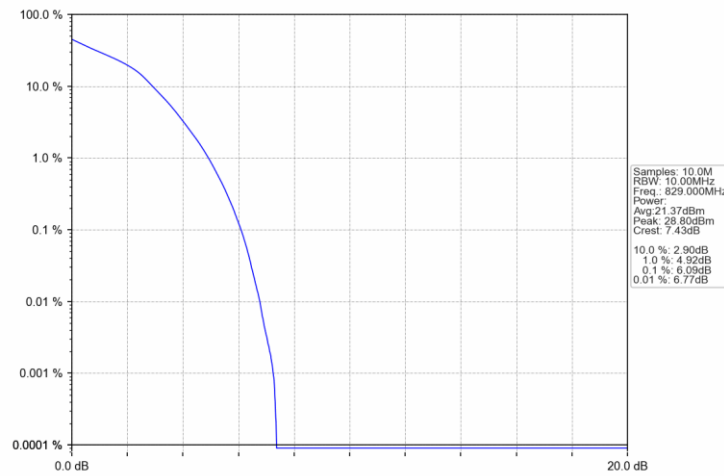
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



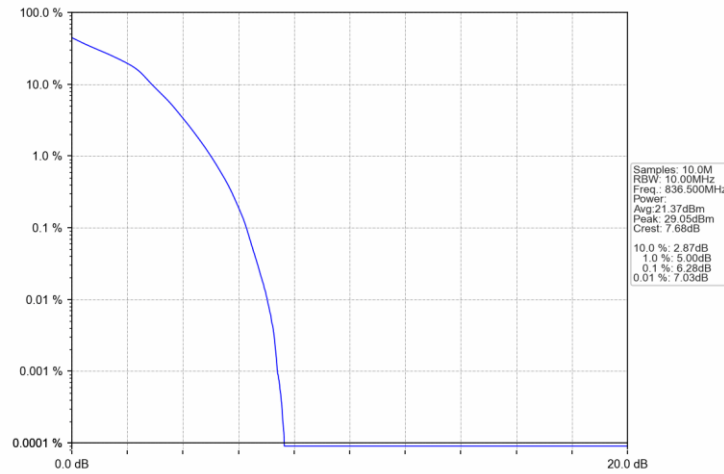
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



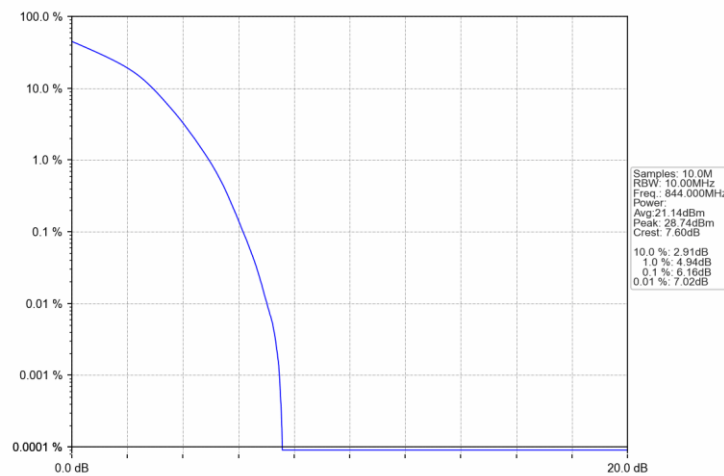
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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



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



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

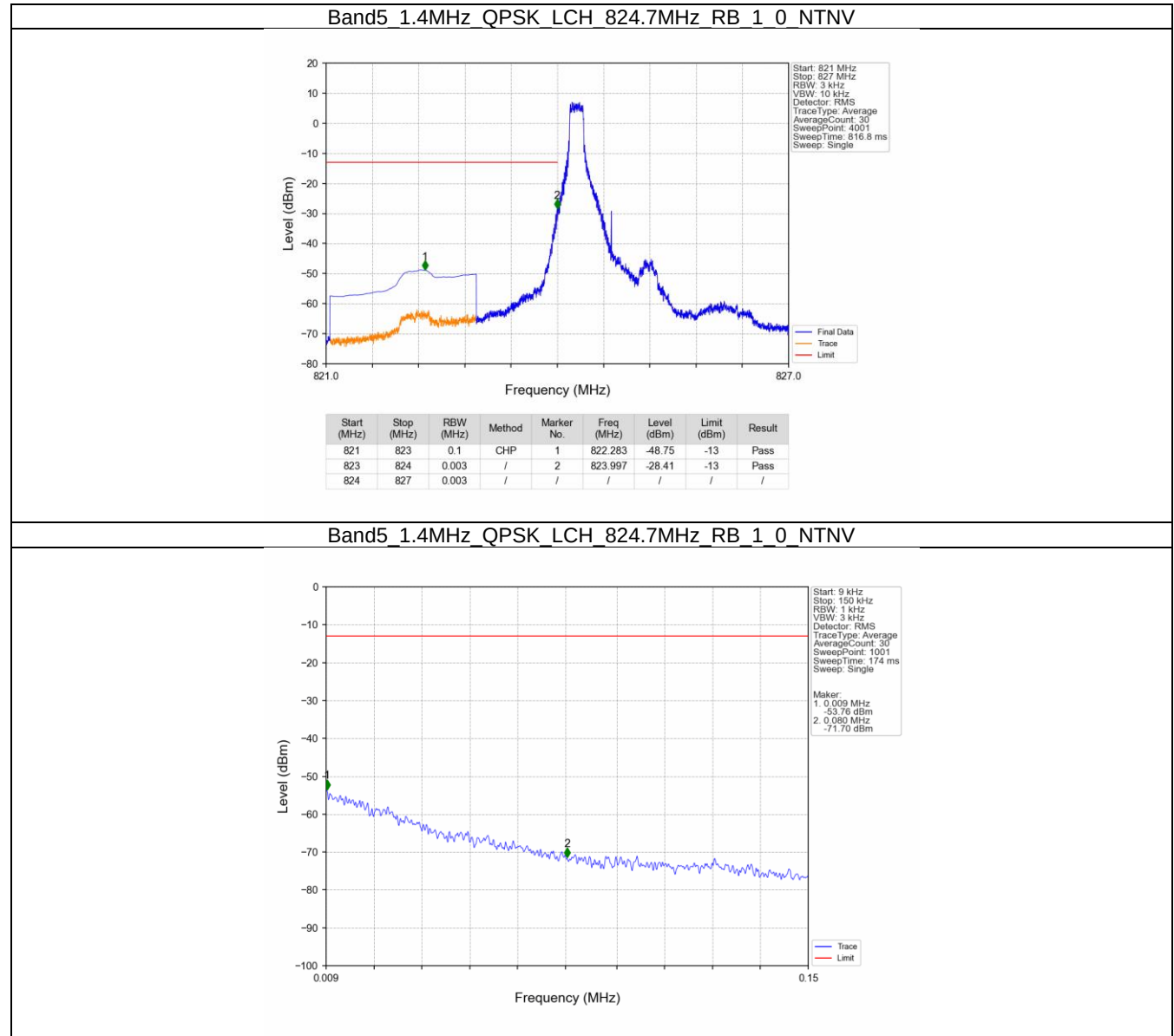
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

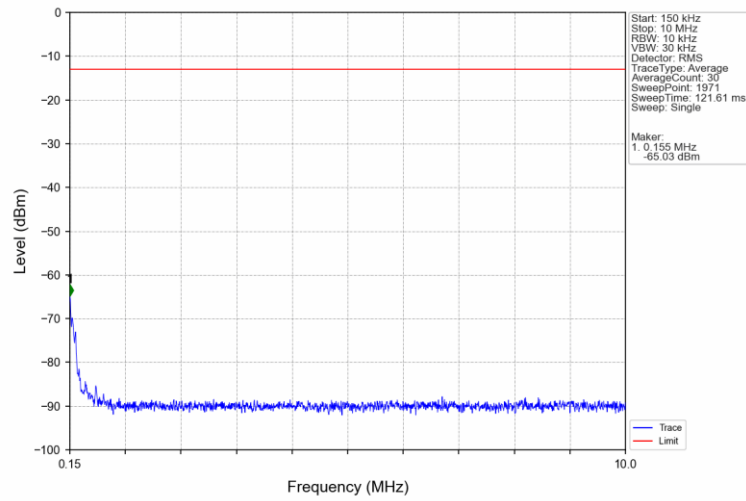
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
	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

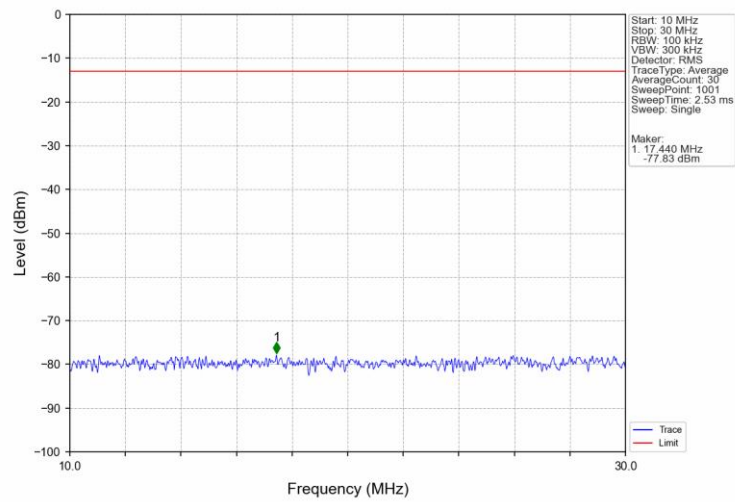
6.2.1 B5_1.4MHz



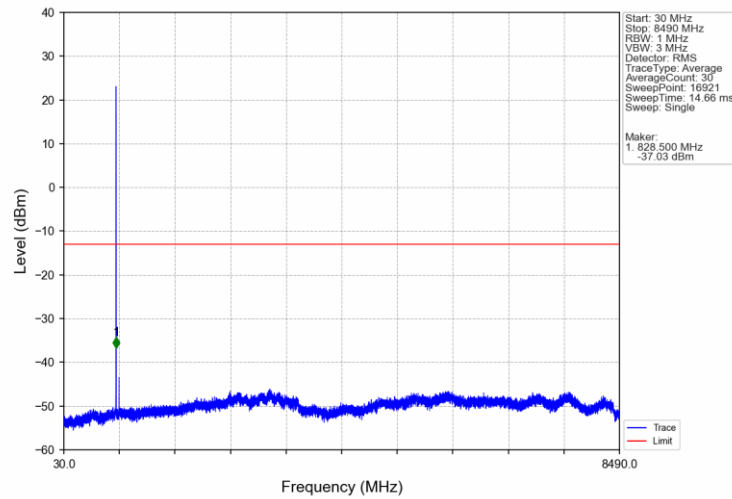
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



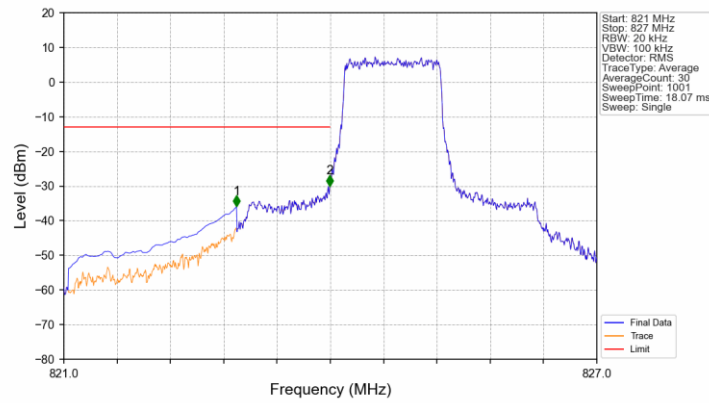
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV

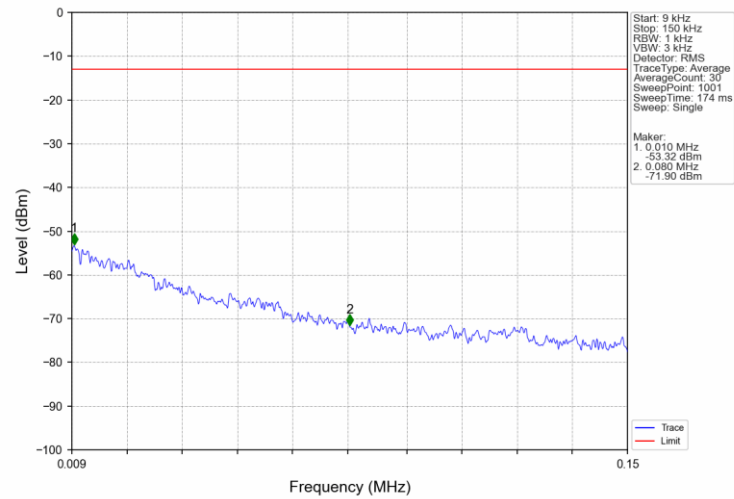


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-35.82	-13	Pass
823	824	0.02	/	2	823.994	-29.95	-13	Pass
824	827	0.02	/	/	/	/	/	/

Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV



Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTV

