

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	23.39	0.63	21.87	<=38.45	Pass
			2	23.37	0.63	21.85	<=38.45	Pass
			5	23.35	0.63	21.83	<=38.45	Pass
		3	0	23.46	0.63	21.94	<=38.45	Pass
			2	23.48	0.63	21.96	<=38.45	Pass
			3	23.45	0.63	21.93	<=38.45	Pass
		6	0	22.49	0.63	20.97	<=38.45	Pass
			0	23.51	0.63	21.99	<=38.45	Pass
			2	23.49	0.63	21.97	<=38.45	Pass
	836.5	1	5	23.50	0.63	21.98	<=38.45	Pass
			0	23.57	0.63	22.05	<=38.45	Pass
			2	23.52	0.63	22.00	<=38.45	Pass
		3	3	23.50	0.63	21.98	<=38.45	Pass
			0	22.56	0.63	21.04	<=38.45	Pass
			0	23.38	0.63	21.86	<=38.45	Pass
		6	2	23.43	0.63	21.91	<=38.45	Pass
			5	23.42	0.63	21.90	<=38.45	Pass
			0	23.44	0.63	21.92	<=38.45	Pass
	848.3	1	2	23.49	0.63	21.97	<=38.45	Pass
			3	23.49	0.63	21.97	<=38.45	Pass
			0	22.44	0.63	20.92	<=38.45	Pass
16QAM	824.7	1	0	22.64	0.63	21.12	<=38.45	Pass
			2	22.64	0.63	21.12	<=38.45	Pass
			5	22.62	0.63	21.10	<=38.45	Pass
		3	0	22.44	0.63	20.92	<=38.45	Pass
			2	22.45	0.63	20.93	<=38.45	Pass
			3	22.44	0.63	20.92	<=38.45	Pass
		6	0	21.51	0.63	19.99	<=38.45	Pass
			0	22.48	0.63	20.96	<=38.45	Pass
			2	22.45	0.63	20.93	<=38.45	Pass
	836.5	1	5	22.40	0.63	20.88	<=38.45	Pass
			0	22.55	0.63	21.03	<=38.45	Pass
			2	22.53	0.63	21.01	<=38.45	Pass
		3	3	22.52	0.63	21.00	<=38.45	Pass
			0	21.59	0.63	20.07	<=38.45	Pass
			0	21.94	0.63	20.42	<=38.45	Pass
		6	2	21.93	0.63	20.41	<=38.45	Pass
			5	22.00	0.63	20.48	<=38.45	Pass
			0	22.46	0.63	20.94	<=38.45	Pass
	848.3	1	2	22.48	0.63	20.96	<=38.45	Pass
			3	22.48	0.63	20.96	<=38.45	Pass
			0	21.35	0.63	19.83	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.43	0.63	21.91	<=38.45	Pass
			7	23.26	0.63	21.74	<=38.45	Pass
			14	23.25	0.63	21.73	<=38.45	Pass
		8	0	22.46	0.63	20.94	<=38.45	Pass
			4	22.41	0.63	20.89	<=38.45	Pass
			7	22.46	0.63	20.94	<=38.45	Pass
		15	0	22.48	0.63	20.96	<=38.45	Pass
	836.5	1	0	23.24	0.63	21.72	<=38.45	Pass
			7	23.08	0.63	21.56	<=38.45	Pass
			14	23.01	0.63	21.49	<=38.45	Pass
		8	0	22.53	0.63	21.01	<=38.45	Pass
			4	22.55	0.63	21.03	<=38.45	Pass
			7	22.57	0.63	21.05	<=38.45	Pass
		15	0	22.57	0.63	21.05	<=38.45	Pass
	847.5	1	0	23.05	0.63	21.53	<=38.45	Pass
			7	22.96	0.63	21.44	<=38.45	Pass
			14	22.94	0.63	21.42	<=38.45	Pass
		8	0	22.41	0.63	20.89	<=38.45	Pass
			4	22.38	0.63	20.86	<=38.45	Pass
			7	22.40	0.63	20.88	<=38.45	Pass
		15	0	22.45	0.63	20.93	<=38.45	Pass
16QAM	825.5	1	0	22.18	0.63	20.66	<=38.45	Pass
			7	22.16	0.63	20.64	<=38.45	Pass
			14	22.17	0.63	20.65	<=38.45	Pass
		8	0	21.54	0.63	20.02	<=38.45	Pass
			4	21.52	0.63	20.00	<=38.45	Pass
			7	21.56	0.63	20.04	<=38.45	Pass
		15	0	21.50	0.63	19.98	<=38.45	Pass
	836.5	1	0	22.24	0.63	20.72	<=38.45	Pass
			7	22.26	0.63	20.74	<=38.45	Pass
			14	22.18	0.63	20.66	<=38.45	Pass
		8	0	21.50	0.63	19.98	<=38.45	Pass
			4	21.55	0.63	20.03	<=38.45	Pass
			7	21.54	0.63	20.02	<=38.45	Pass
		15	0	21.52	0.63	20.00	<=38.45	Pass
	847.5	1	0	22.57	0.63	21.05	<=38.45	Pass
			7	22.49	0.63	20.97	<=38.45	Pass
			14	22.41	0.63	20.89	<=38.45	Pass
		8	0	21.61	0.63	20.09	<=38.45	Pass
			4	21.61	0.63	20.09	<=38.45	Pass
			7	21.60	0.63	20.08	<=38.45	Pass
		15	0	21.51	0.63	19.99	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.09	0.63	21.57	<=38.45	Pass
			13	23.00	0.63	21.48	<=38.45	Pass
			24	23.08	0.63	21.56	<=38.45	Pass
		12	0	22.43	0.63	20.91	<=38.45	Pass
			6	22.47	0.63	20.95	<=38.45	Pass

		25	13	22.45	0.63	20.93	<=38.45	Pass
			0	22.48	0.63	20.96	<=38.45	Pass
	836.5	1	0	23.03	0.63	21.51	<=38.45	Pass
			13	23.02	0.63	21.50	<=38.45	Pass
			24	23.04	0.63	21.52	<=38.45	Pass
		12	0	22.61	0.63	21.09	<=38.45	Pass
			6	22.56	0.63	21.04	<=38.45	Pass
			13	22.56	0.63	21.04	<=38.45	Pass
		25	0	22.57	0.63	21.05	<=38.45	Pass
	846.5	1	0	23.11	0.63	21.59	<=38.45	Pass
			13	23.02	0.63	21.50	<=38.45	Pass
			24	23.11	0.63	21.59	<=38.45	Pass
		12	0	22.53	0.63	21.01	<=38.45	Pass
			6	22.45	0.63	20.93	<=38.45	Pass
			13	22.42	0.63	20.90	<=38.45	Pass
		25	0	22.50	0.63	20.98	<=38.45	Pass
16QAM	826.5	1	0	22.08	0.63	20.56	<=38.45	Pass
			13	22.07	0.63	20.55	<=38.45	Pass
			24	22.13	0.63	20.61	<=38.45	Pass
		12	0	21.49	0.63	19.97	<=38.45	Pass
			6	21.47	0.63	19.95	<=38.45	Pass
			13	21.42	0.63	19.90	<=38.45	Pass
		25	0	21.51	0.63	19.99	<=38.45	Pass
	836.5	1	0	22.32	0.63	20.80	<=38.45	Pass
			13	22.29	0.63	20.77	<=38.45	Pass
			24	22.31	0.63	20.79	<=38.45	Pass
		12	0	21.60	0.63	20.08	<=38.45	Pass
			6	21.58	0.63	20.06	<=38.45	Pass
			13	21.58	0.63	20.06	<=38.45	Pass
		25	0	21.58	0.63	20.06	<=38.45	Pass
	846.5	1	0	21.83	0.63	20.31	<=38.45	Pass
			13	21.77	0.63	20.25	<=38.45	Pass
			24	21.83	0.63	20.31	<=38.45	Pass
		12	0	21.54	0.63	20.02	<=38.45	Pass
			6	21.46	0.63	19.94	<=38.45	Pass
			13	21.45	0.63	19.93	<=38.45	Pass
		25	0	21.56	0.63	20.04	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.96	0.63	21.44	<=38.45	Pass
			25	23.05	0.63	21.53	<=38.45	Pass
			49	23.04	0.63	21.52	<=38.45	Pass
		25	0	22.54	0.63	21.02	<=38.45	Pass
			13	22.53	0.63	21.01	<=38.45	Pass
			25	22.49	0.63	20.97	<=38.45	Pass
		50	0	22.53	0.63	21.01	<=38.45	Pass
	836.5	1	0	23.02	0.63	21.50	<=38.45	Pass
			25	23.07	0.63	21.55	<=38.45	Pass
			49	22.97	0.63	21.45	<=38.45	Pass
		25	0	22.59	0.63	21.07	<=38.45	Pass
			13	22.57	0.63	21.05	<=38.45	Pass
			25	22.59	0.63	21.07	<=38.45	Pass
		50	0	22.65	0.63	21.13	<=38.45	Pass

16QAM	844	1	0	23.04	0.63	21.52	<=38.45	Pass
			25	22.99	0.63	21.47	<=38.45	Pass
			49	22.92	0.63	21.40	<=38.45	Pass
		25	0	22.59	0.63	21.07	<=38.45	Pass
			13	22.47	0.63	20.95	<=38.45	Pass
			25	22.39	0.63	20.87	<=38.45	Pass
		50	0	22.55	0.63	21.03	<=38.45	Pass
	829	1	0	21.97	0.63	20.45	<=38.45	Pass
			25	22.07	0.63	20.55	<=38.45	Pass
			49	22.08	0.63	20.56	<=38.45	Pass
		12	0	22.52	0.63	21.00	<=38.45	Pass
			19	22.61	0.63	21.09	<=38.45	Pass
			38	22.58	0.63	21.06	<=38.45	Pass
		27	0	21.56	0.63	20.04	<=38.45	Pass
	836.5	1	0	22.22	0.63	20.70	<=38.45	Pass
			25	22.27	0.63	20.75	<=38.45	Pass
			49	22.15	0.63	20.63	<=38.45	Pass
		12	0	22.61	0.63	21.09	<=38.45	Pass
			19	22.58	0.63	21.06	<=38.45	Pass
			38	22.61	0.63	21.09	<=38.45	Pass
		27	0	21.64	0.63	20.12	<=38.45	Pass
	844	1	0	22.55	0.63	21.03	<=38.45	Pass
			25	22.48	0.63	20.96	<=38.45	Pass
			49	22.40	0.63	20.88	<=38.45	Pass
		12	0	22.56	0.63	21.04	<=38.45	Pass
			19	22.50	0.63	20.98	<=38.45	Pass
			38	22.51	0.63	20.99	<=38.45	Pass
		27	23	21.29	0.63	19.77	<=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	-2.804	-0.0034	-2.5 to 2.5	Pass
					3.85	1.731	0.0021	-2.5 to 2.5	Pass
					4.43	1.302	0.0016	-2.5 to 2.5	Pass
				-30	3.85	2.890	0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				30	3.85	2.360	0.0029	-2.5 to 2.5	Pass
				40	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	0.372	0.0004	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass

				0	3.85	-2.861	-0.0034	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0037	-2.5 to 2.5	Pass
				40	3.85	1.230	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.116	0.0013	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	3.433	0.0040	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0025	-2.5 to 2.5	Pass
					4.43	1.903	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.177	0.0049	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.661	-0.0031	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				50	3.85	2.332	0.0027	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	0.429	0.0005	-2.5 to 2.5	Pass
					3.85	1.502	0.0018	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-3.204	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				40	3.85	0.973	0.0012	-2.5 to 2.5	Pass
				50	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	0.257	0.0003	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
					4.43	1.345	0.0016	-2.5 to 2.5	Pass
				-30	3.85	4.592	0.0055	-2.5 to 2.5	Pass
				-20	3.85	1.388	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				30	3.85	3.047	0.0036	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-2.074	-0.0024	-2.5 to 2.5	Pass
					3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0017	-2.5 to 2.5	Pass
				-10	3.85	3.376	0.0040	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0022	-2.5 to 2.5	Pass
				10	3.85	3.333	0.0039	-2.5 to 2.5	Pass
				30	3.85	-3.905	-0.0046	-2.5 to 2.5	Pass
				40	3.85	2.332	0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.907	-0.0058	-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	1.287	0.0016	-2.5 to 2.5	Pass
					3.85	0.257	0.0003	-2.5 to 2.5	Pass
					4.43	1.702	0.0021	-2.5 to 2.5	Pass

16QAM				-30	3.85	-5.107	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	3.905	0.0047	-2.5 to 2.5	Pass
				-10	3.85	4.635	0.0056	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				10	3.85	4.563	0.0055	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass
				50	3.85	4.449	0.0054	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	3.476	0.0042	-2.5 to 2.5	Pass
					3.85	2.103	0.0025	-2.5 to 2.5	Pass
					4.43	-2.189	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.448	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.388	0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				20	3.27	-2.561	-0.0030	-2.5 to 2.5	Pass
					3.85	2.503	0.0030	-2.5 to 2.5	Pass
					4.43	-1.202	-0.0014	-2.5 to 2.5	Pass
	847.5	15	0	-30	3.85	0.844	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.903	0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0039	-2.5 to 2.5	Pass
				10	3.85	4.950	0.0058	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0029	-2.5 to 2.5	Pass
	825.5	15	0	20	3.27	4.191	0.0051	-2.5 to 2.5	Pass
					3.85	0.072	0.0001	-2.5 to 2.5	Pass
					4.43	0.544	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	6.351	0.0077	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				10	3.85	3.376	0.0041	-2.5 to 2.5	Pass
				30	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				20	3.27	4.148	0.0050	-2.5 to 2.5	Pass
					3.85	1.473	0.0018	-2.5 to 2.5	Pass
					4.43	-1.616	-0.0019	-2.5 to 2.5	Pass
	836.5	15	0	-30	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.432	0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0056	-2.5 to 2.5	Pass
				30	3.85	0.916	0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.646	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
				20	3.27	-2.189	-0.0026	-2.5 to 2.5	Pass
					3.85	3.219	0.0038	-2.5 to 2.5	Pass
					4.43	-0.544	-0.0006	-2.5 to 2.5	Pass
	847.5	15	0	-30	3.85	1.159	0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.675	0.0032	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0022	-2.5 to 2.5	Pass
				0	3.85	0.529	0.0006	-2.5 to 2.5	Pass

				10	3.85	2.189	0.0026	-2.5 to 2.5	Pass
				30	3.85	3.963	0.0047	-2.5 to 2.5	Pass
				40	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.501	-0.0006	-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	-0.644	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.945	-0.0024	-2.5 to 2.5	Pass
					4.43	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.077	-0.0049	-2.5 to 2.5	Pass
				50	3.85	2.174	0.0026	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.358	-0.0004	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0039	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.459	0.0017	-2.5 to 2.5	Pass
				0	3.85	0.672	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.473	0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-3.061	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0064	-2.5 to 2.5	Pass
					4.43	0.501	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.791	0.0045	-2.5 to 2.5	Pass
				-20	3.85	3.819	0.0045	-2.5 to 2.5	Pass
				-10	3.85	1.059	0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.405	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	2.332	0.0028	-2.5 to 2.5	Pass
					3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
					4.43	0.658	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0014	-2.5 to 2.5	Pass
				0	3.85	2.060	0.0025	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0034	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	1.101	0.0013	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass

				-20	3.85	-3.018	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				40	3.85	2.661	0.0032	-2.5 to 2.5	Pass
	846.5	25	0	50	3.85	0.544	0.0007	-2.5 to 2.5	Pass
				20	3.27	-3.290	-0.0039	-2.5 to 2.5	Pass
					3.85	-2.389	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.675	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.761	-0.0033	-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	-1.445	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.131	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.845	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				40	3.85	1.001	0.0012	-2.5 to 2.5	Pass
	836.5	50	0	50	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
				20	3.27	-1.359	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
					4.43	0.257	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.960	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
	844	50	0	40	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				50	3.85	1.144	0.0014	-2.5 to 2.5	Pass
				20	3.27	2.847	0.0034	-2.5 to 2.5	Pass
					3.85	-1.559	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.960	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
16QAM	829	27	0	30	3.85	-2.117	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				20	3.27	-2.432	-0.0029	-2.5 to 2.5	Pass

					3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
					4.43	0.501	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.459	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
	836.5	27	0	20	3.27	-4.048	-0.0048	-2.5 to 2.5	Pass
					3.85	0.958	0.0011	-2.5 to 2.5	Pass
					4.43	2.804	0.0034	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
	844	27	23	20	3.27	-2.317	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.890	-0.0034	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-5.608	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				0	3.85	4.406	0.0052	-2.5 to 2.5	Pass
				10	3.85	-3.777	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				50	3.85	1.373	0.0016	-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

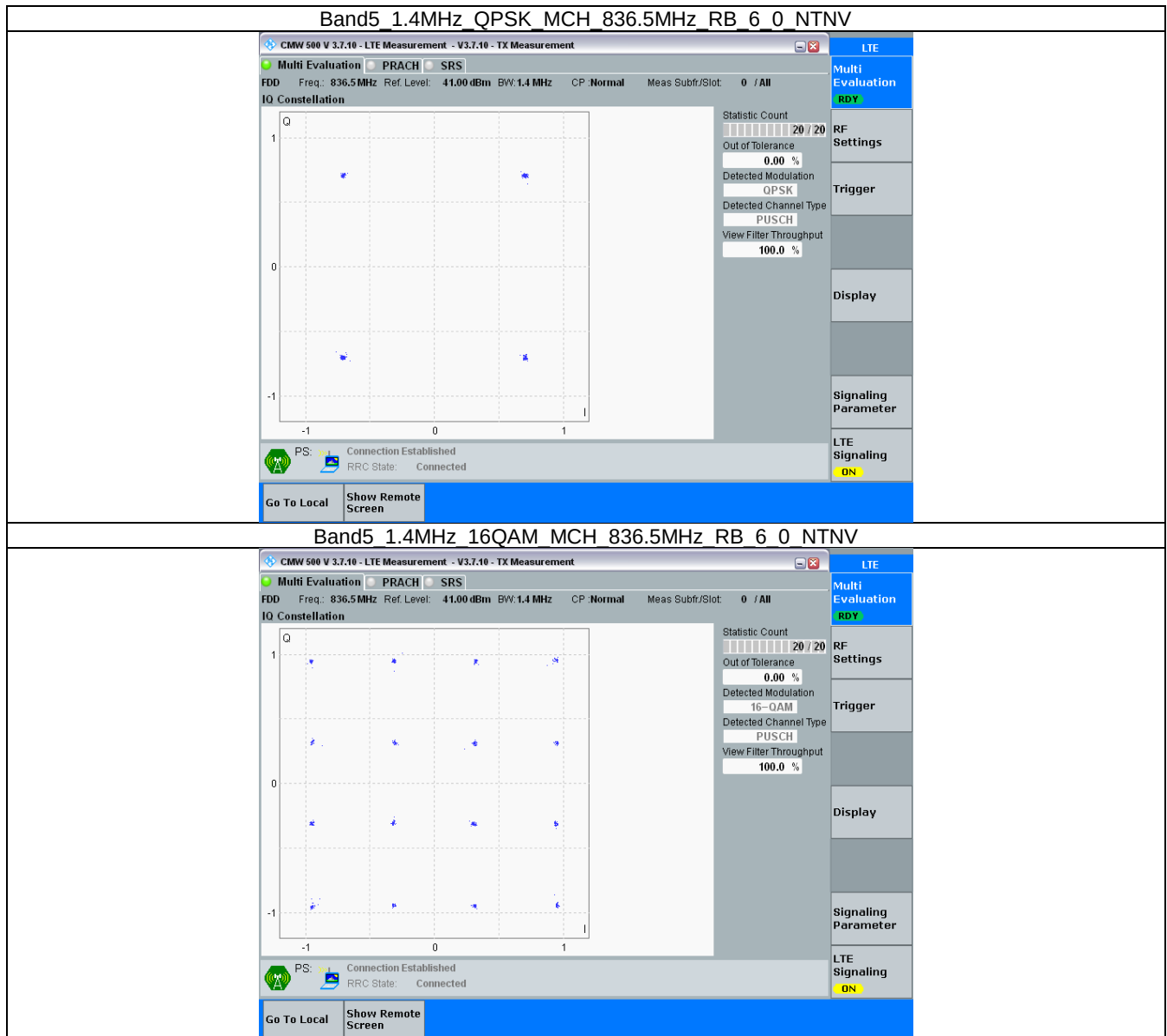
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

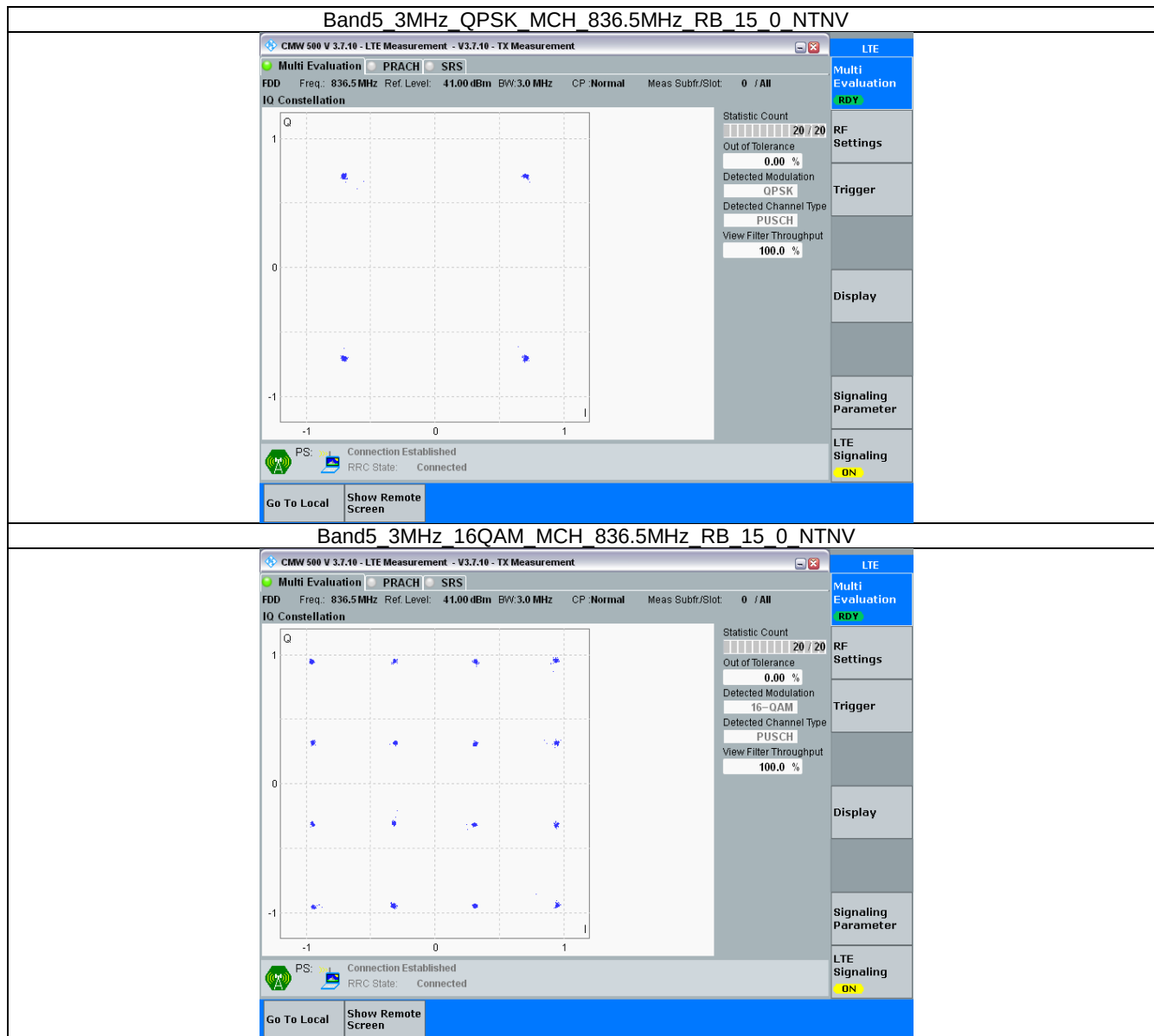
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

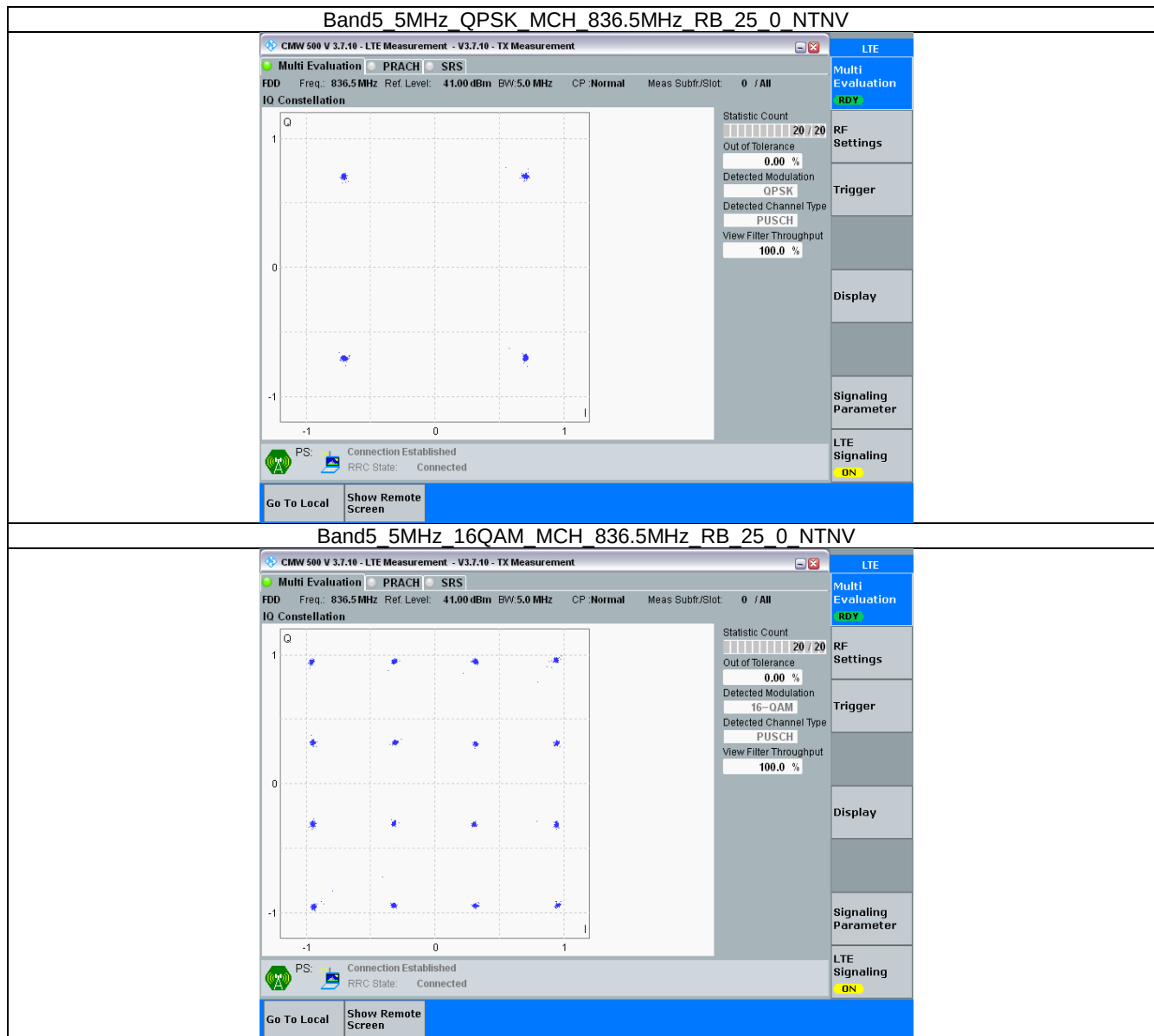
3.2.1 B5_1.4MHz



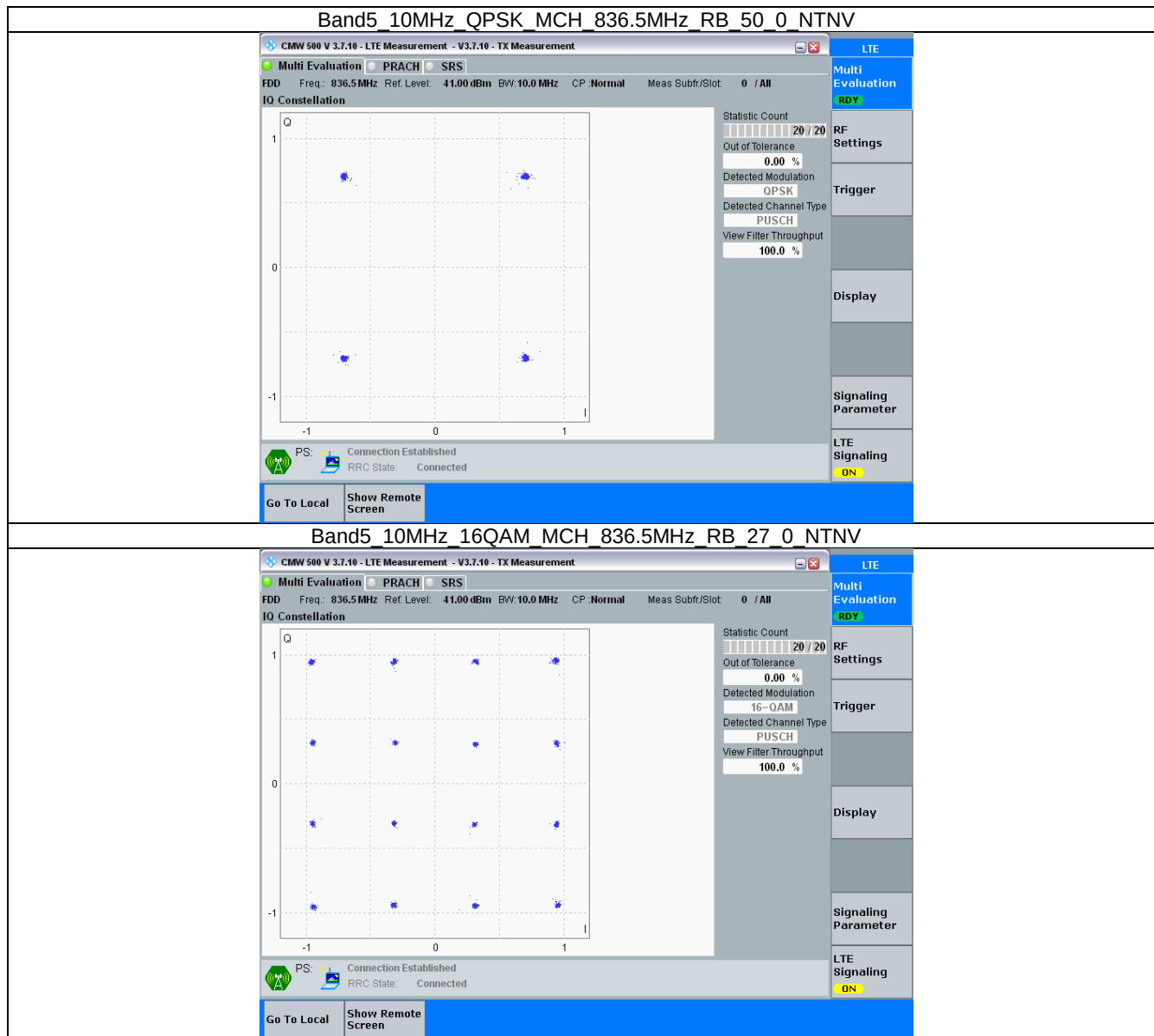
3.2.2 B5_3MHz



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	1.176	/	Pass
		836.5	6	0	1.186	/	Pass
		848.3	6	0	1.186	/	Pass
	16QAM	824.7	6	0	1.176	/	Pass
		836.5	6	0	1.168	/	Pass
		848.3	6	0	1.177	/	Pass
3	QPSK	825.5	15	0	2.745	/	Pass
		836.5	15	0	2.736	/	Pass
		847.5	15	0	2.742	/	Pass
	16QAM	825.5	15	0	2.732	/	Pass
		836.5	15	0	2.732	/	Pass
		847.5	15	0	2.733	/	Pass
5	QPSK	826.5	25	0	4.583	/	Pass
		836.5	25	0	4.568	/	Pass
		846.5	25	0	4.589	/	Pass
	16QAM	826.5	25	0	4.585	/	Pass
		836.5	25	0	4.581	/	Pass
		846.5	25	0	4.572	/	Pass
10	QPSK	829	50	0	9.042	/	Pass
		836.5	50	0	9.052	/	Pass
		844	50	0	9.042	/	Pass
	16QAM	829	27	0	4.999	/	Pass
		836.5	27	0	4.991	/	Pass
		844	27	23	5.002	/	Pass

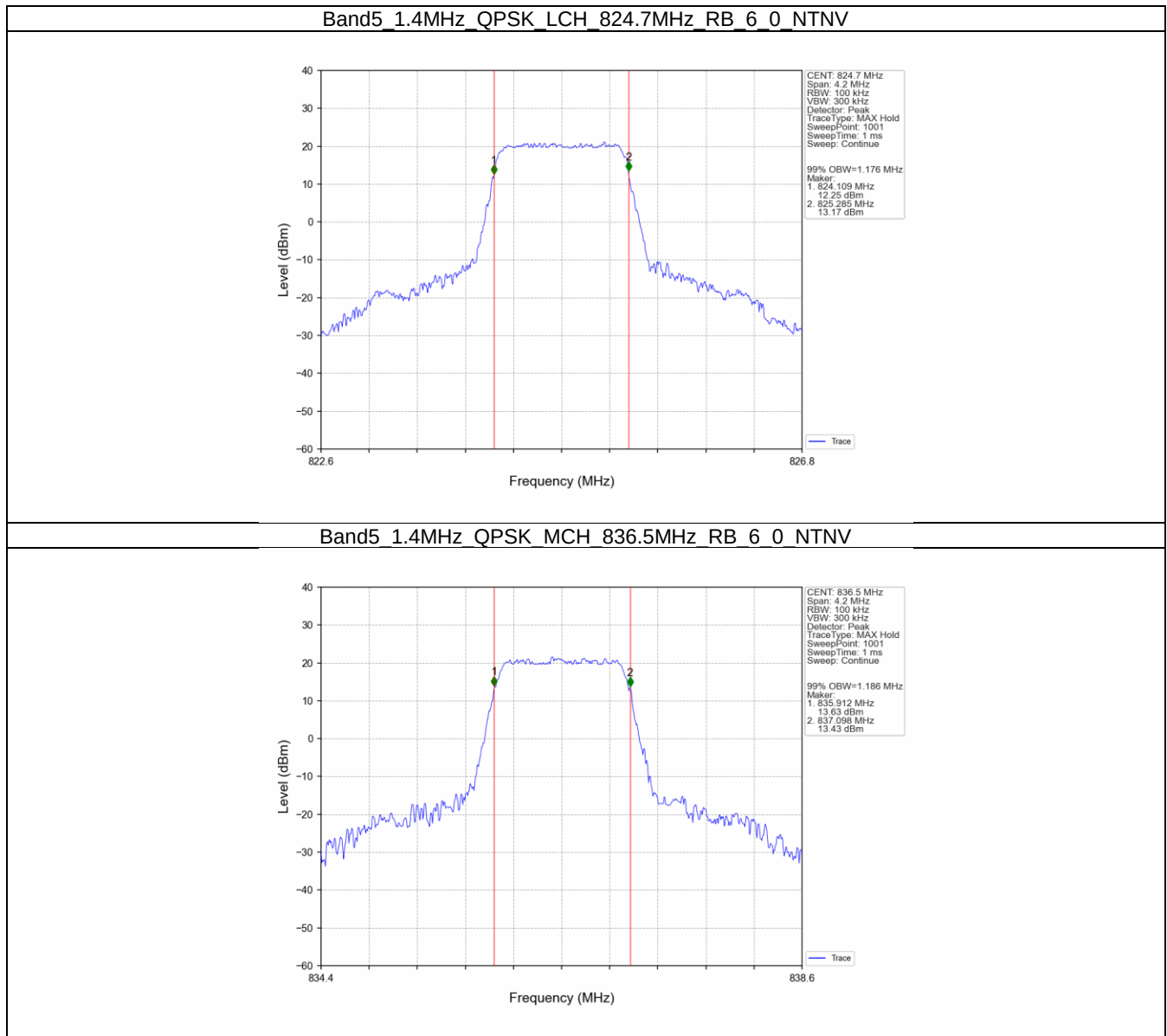
4.1.2 Band5_XDB

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	1.421	/	Pass
		836.5	6	0	1.438	/	Pass
		848.3	6	0	1.426	/	Pass
	16QAM	824.7	6	0	1.440	/	Pass
		836.5	6	0	1.407	/	Pass
		848.3	6	0	1.417	/	Pass
3	QPSK	825.5	15	0	3.006	/	Pass
		836.5	15	0	3.020	/	Pass
		847.5	15	0	3.032	/	Pass
	16QAM	825.5	15	0	3.027	/	Pass
		836.5	15	0	3.026	/	Pass
		847.5	15	0	3.026	/	Pass
5	QPSK	826.5	25	0	5.181	/	Pass
		836.5	25	0	5.136	/	Pass
		846.5	25	0	5.154	/	Pass

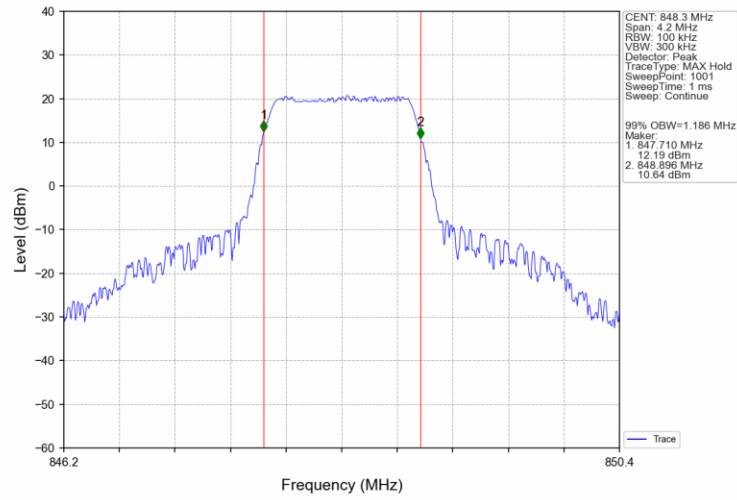
10	16QAM	826.5	25	0	5.143	/	Pass
		836.5	25	0	5.118	/	Pass
		846.5	25	0	5.121	/	Pass
	QPSK	829	50	0	9.904	/	Pass
		836.5	50	0	9.946	/	Pass
		844	50	0	9.994	/	Pass
	16QAM	829	27	0	5.960	/	Pass
		836.5	27	0	5.997	/	Pass
		844	27	23	5.881	/	Pass

4.2 Test Graph

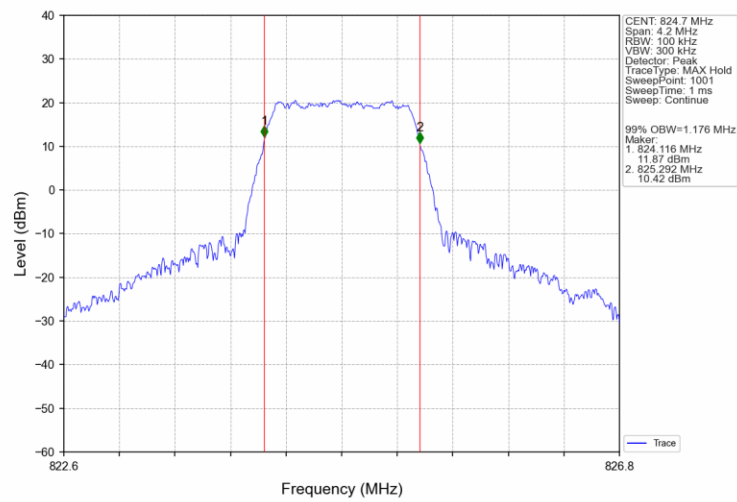
4.2.1 Band5_OBW



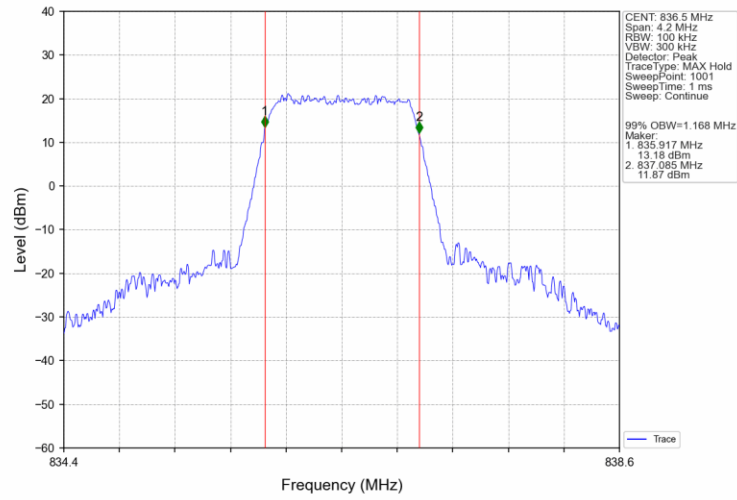
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



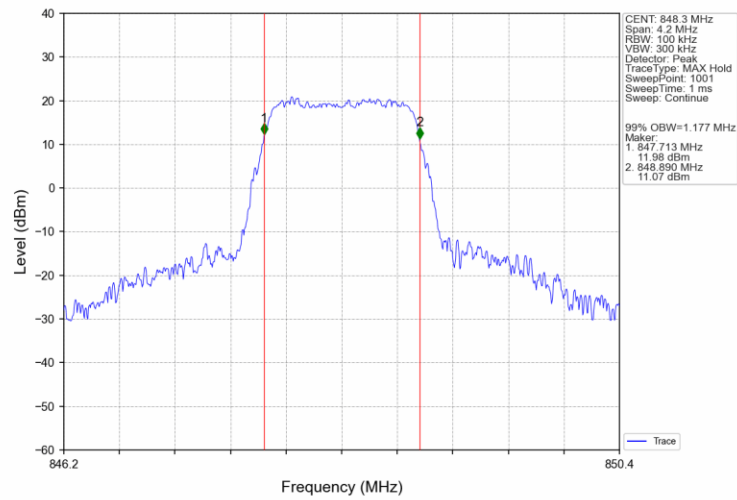
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



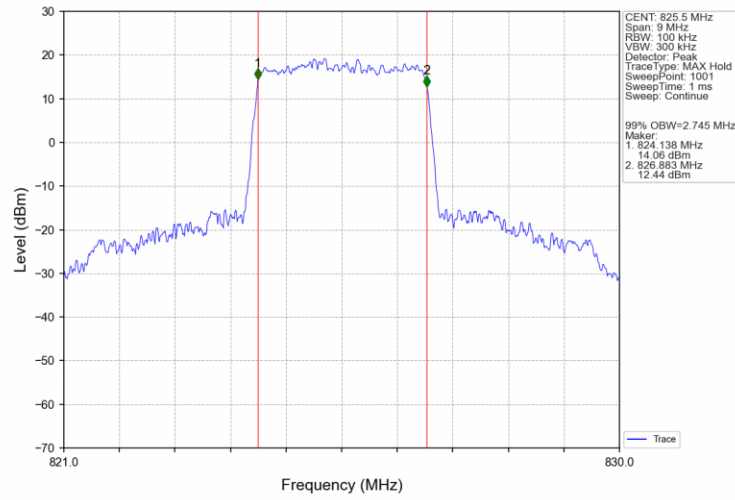
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



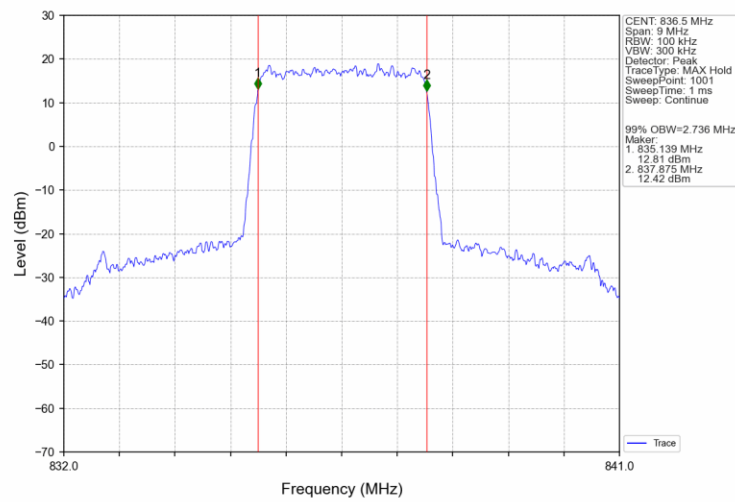
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



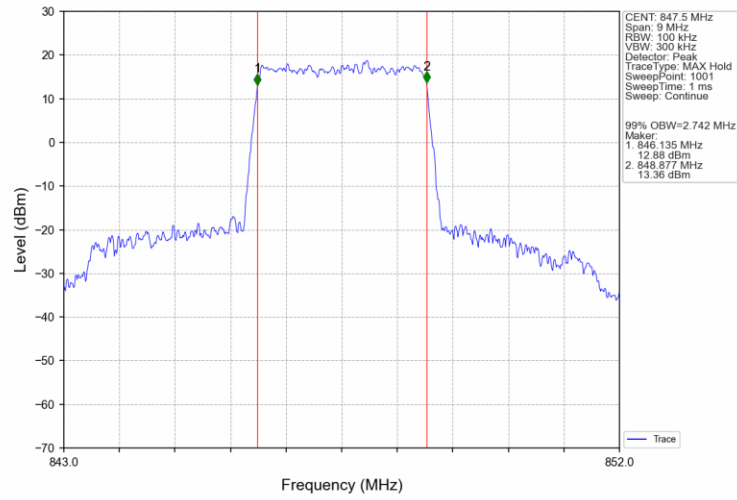
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



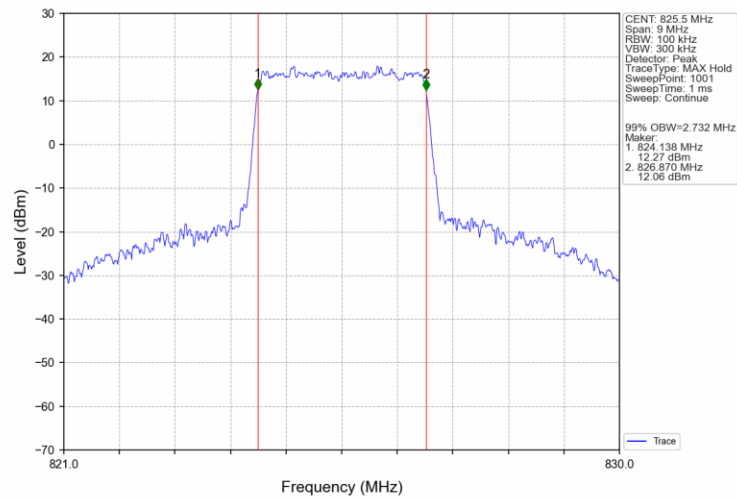
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



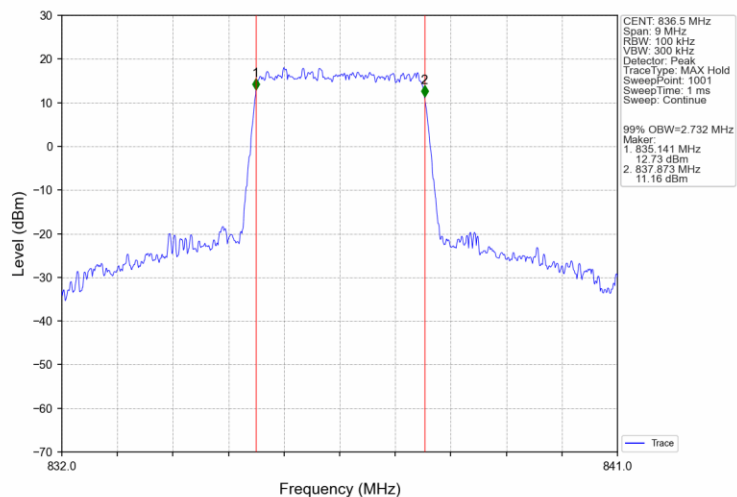
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



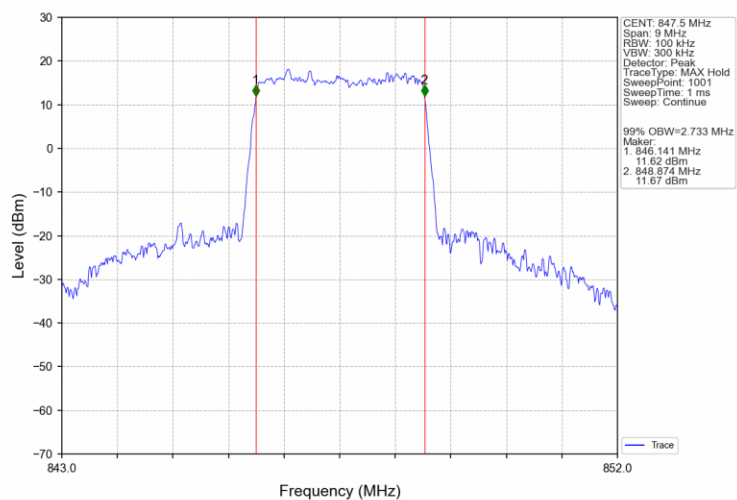
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



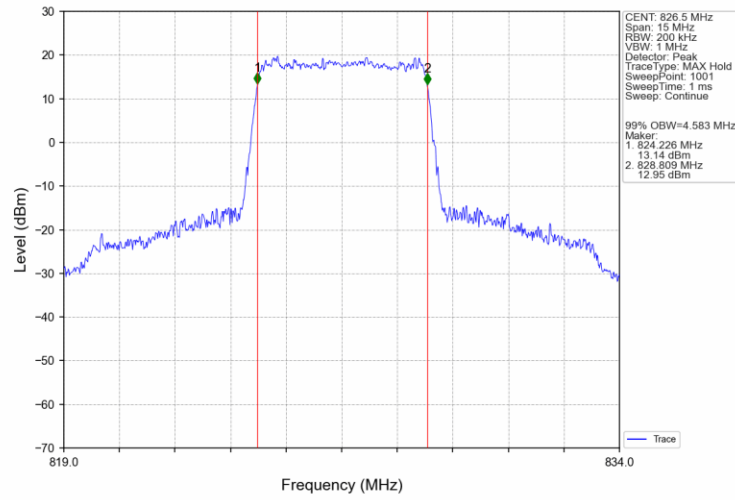
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



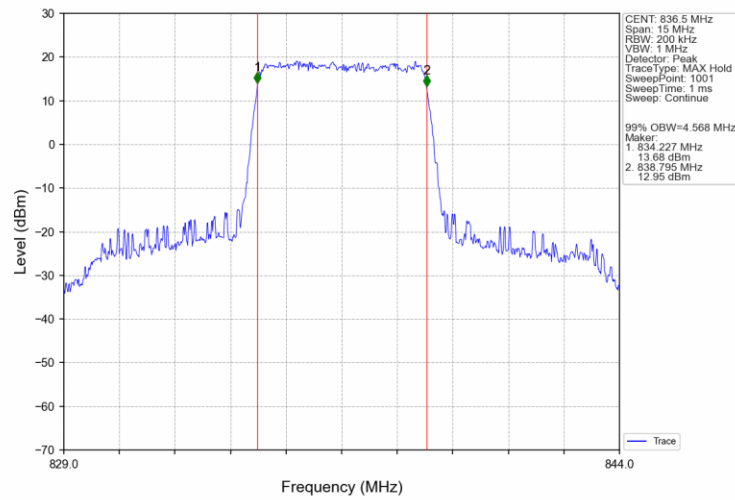
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



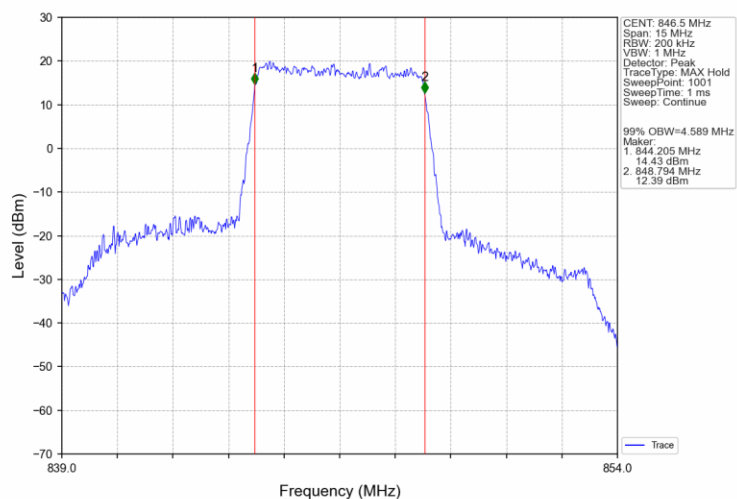
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



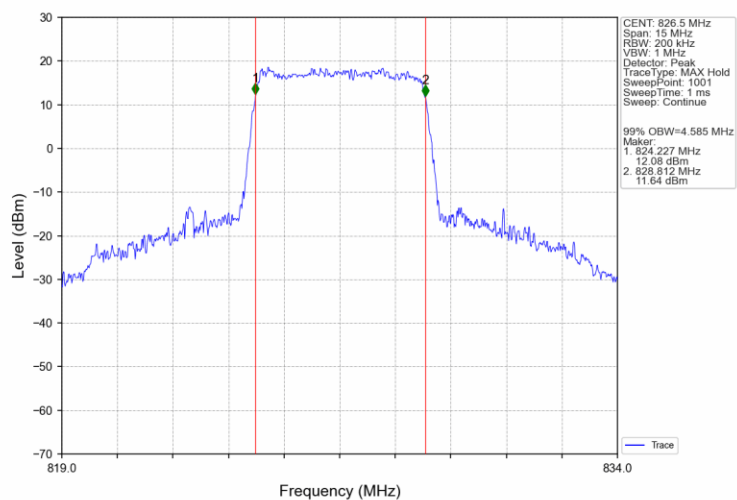
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



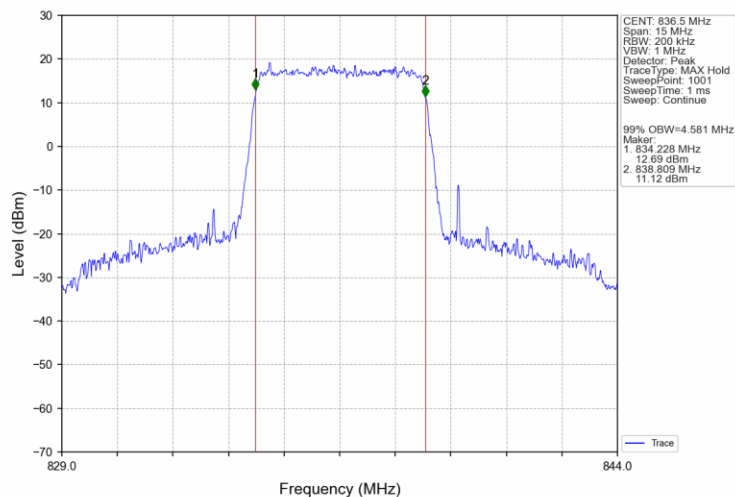
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



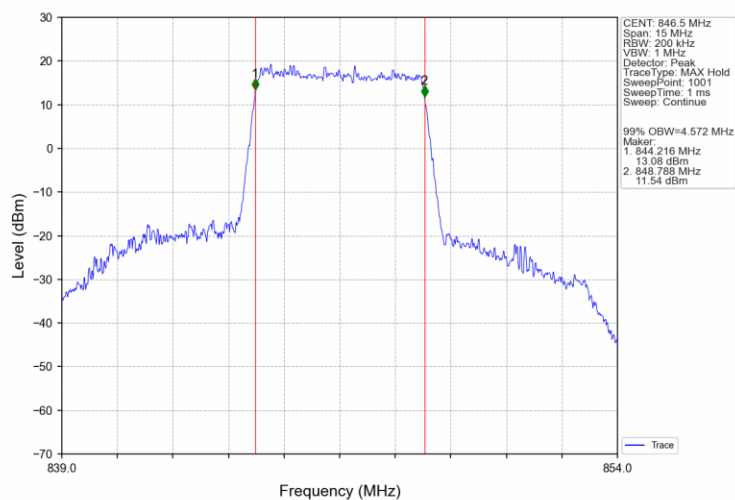
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



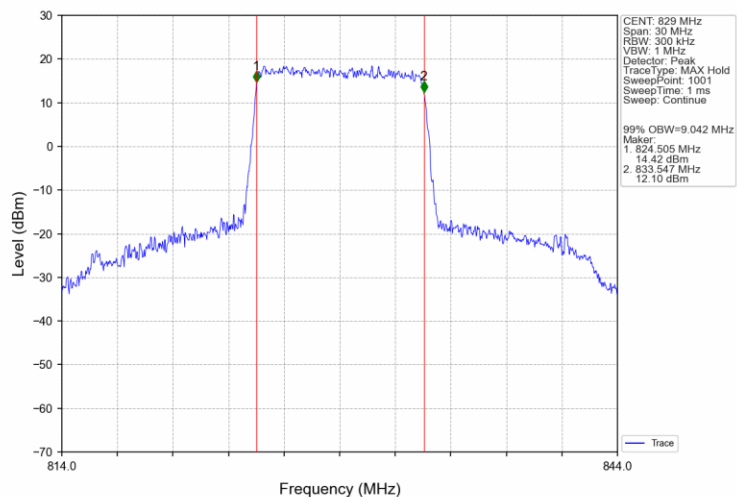
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



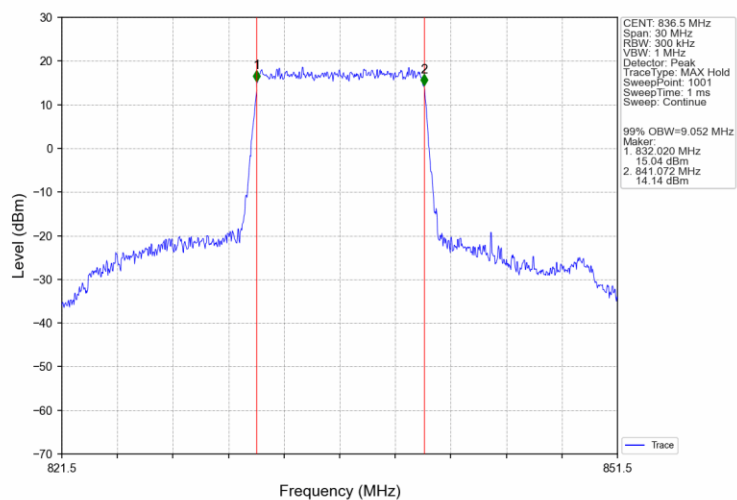
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



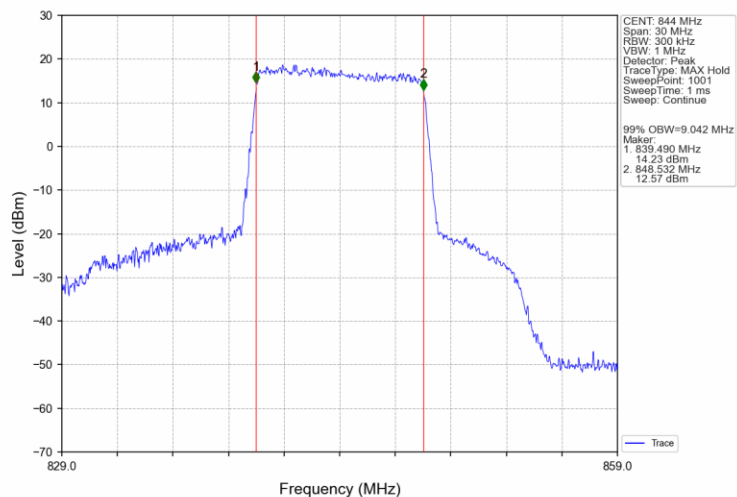
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



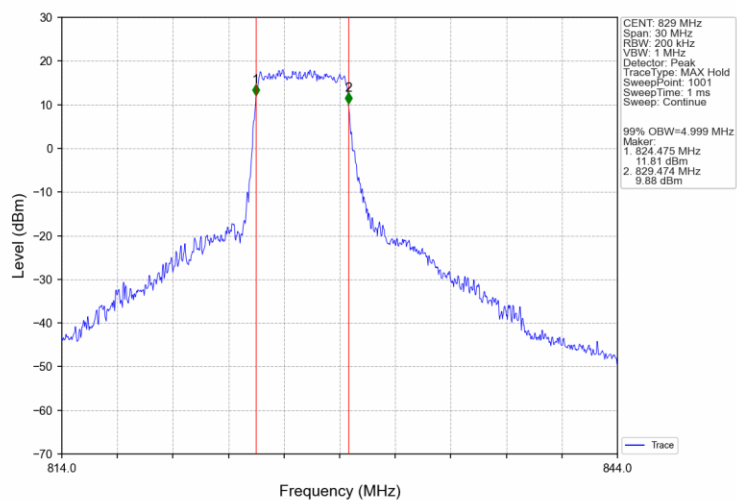
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



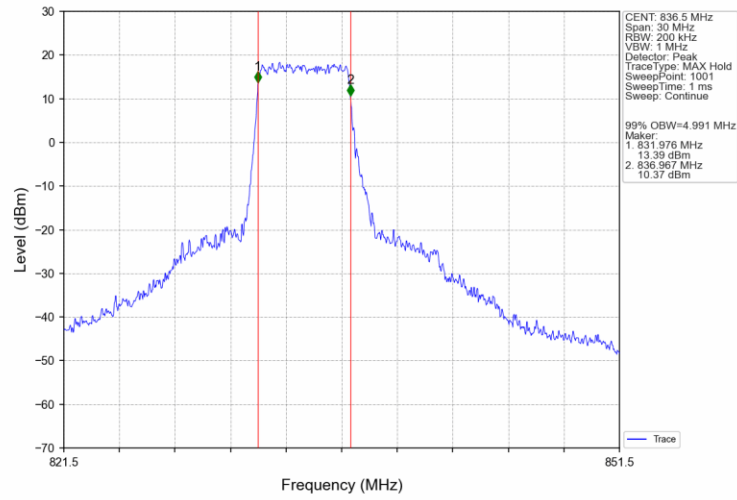
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



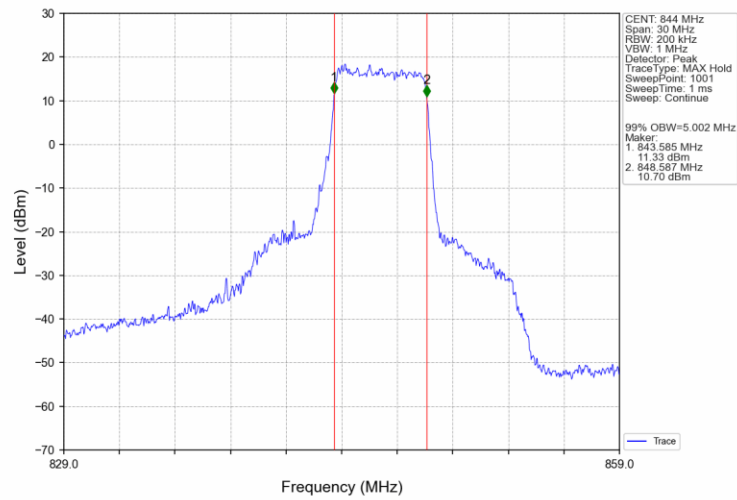
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

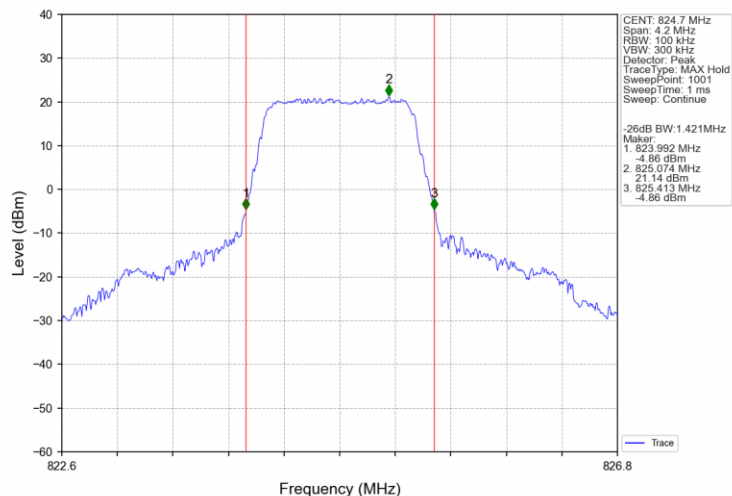


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

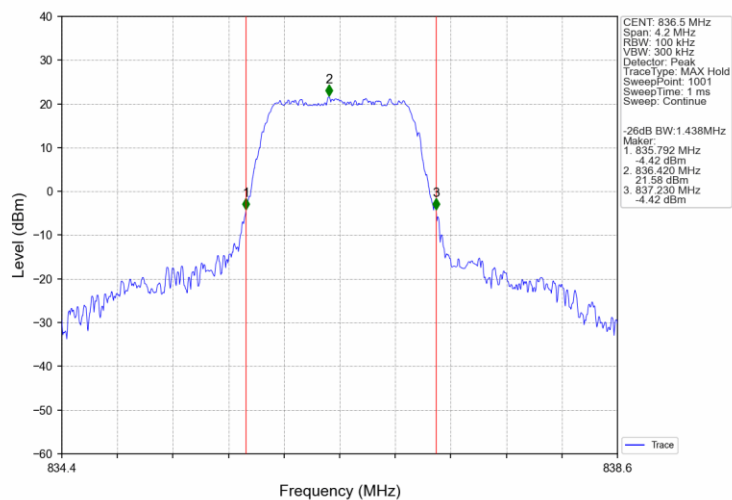


4.2.2 Band5_XDB

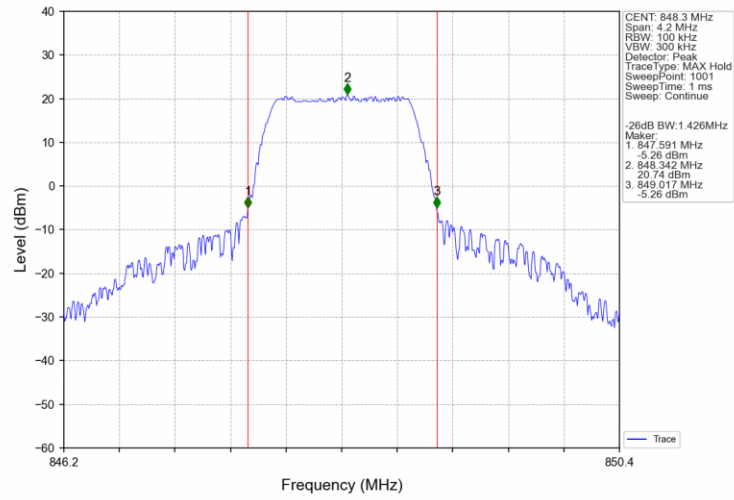
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



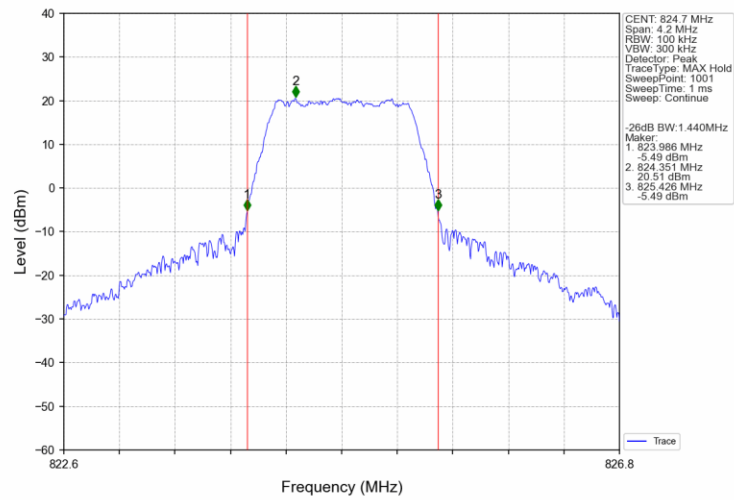
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



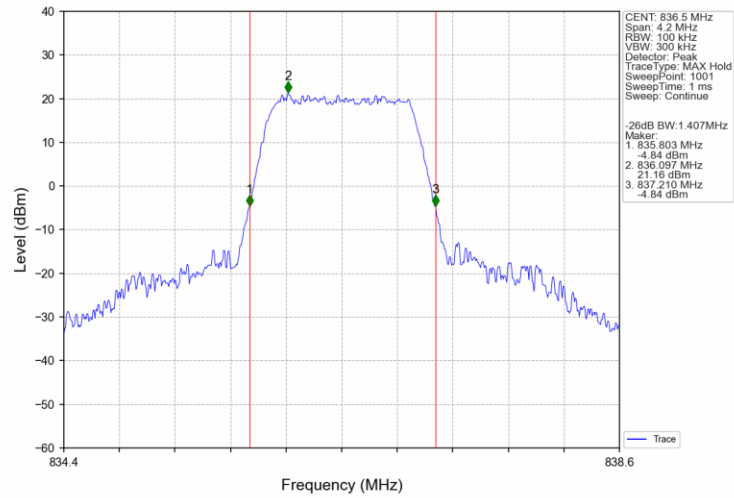
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



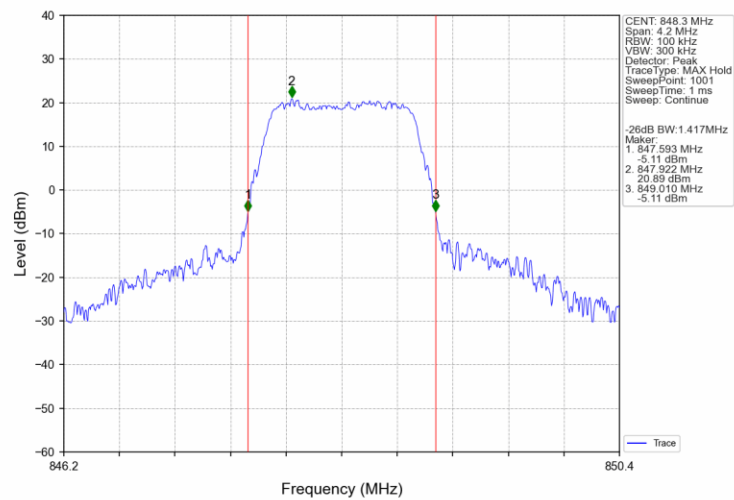
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



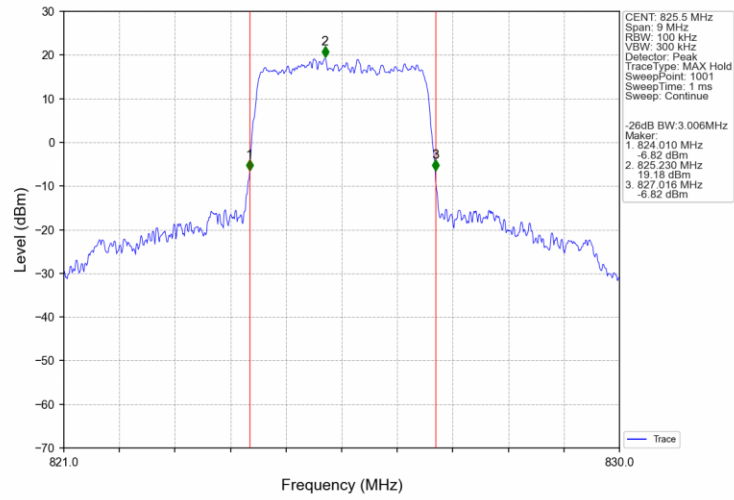
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



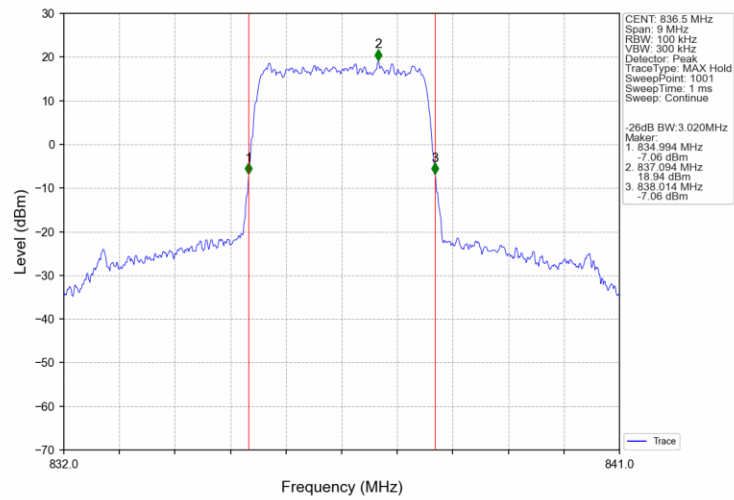
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



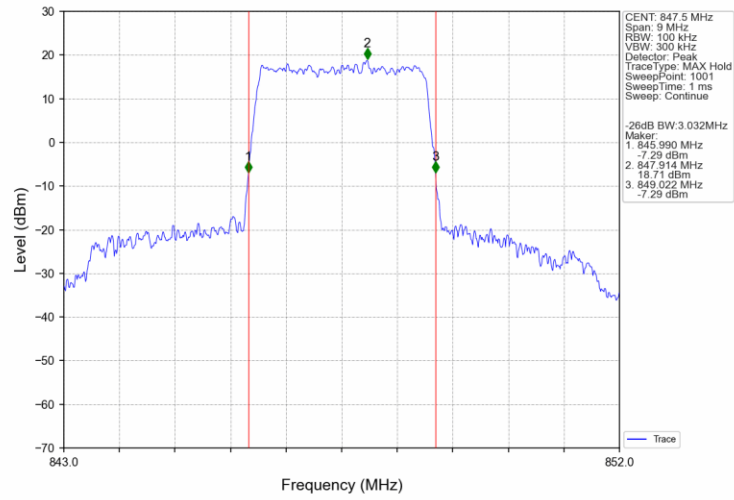
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



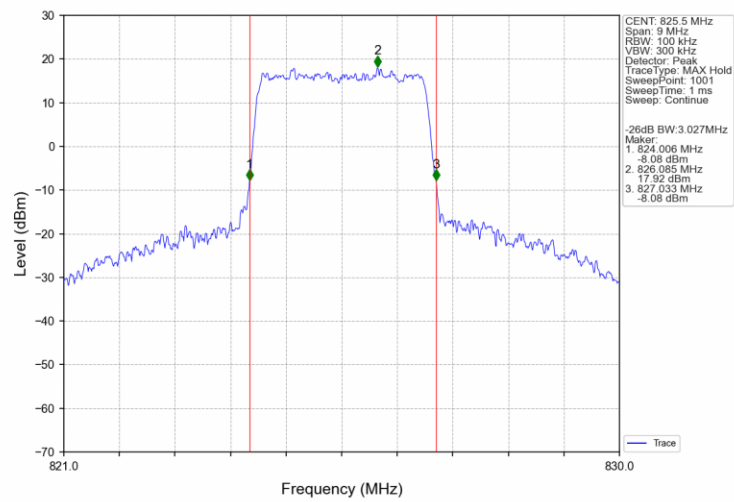
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



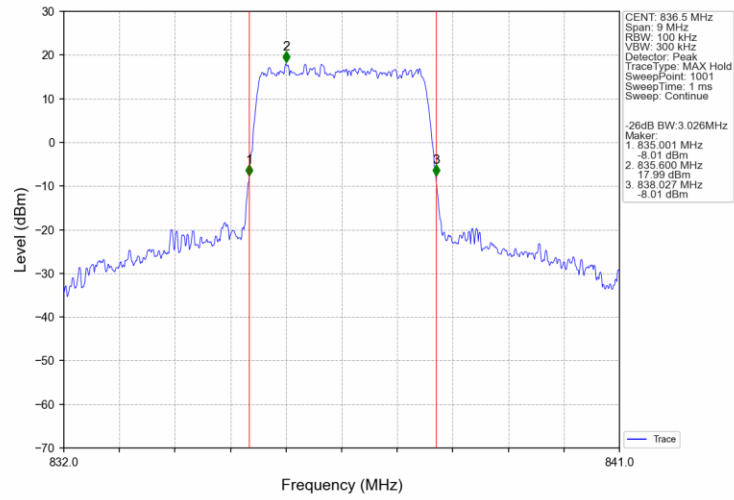
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



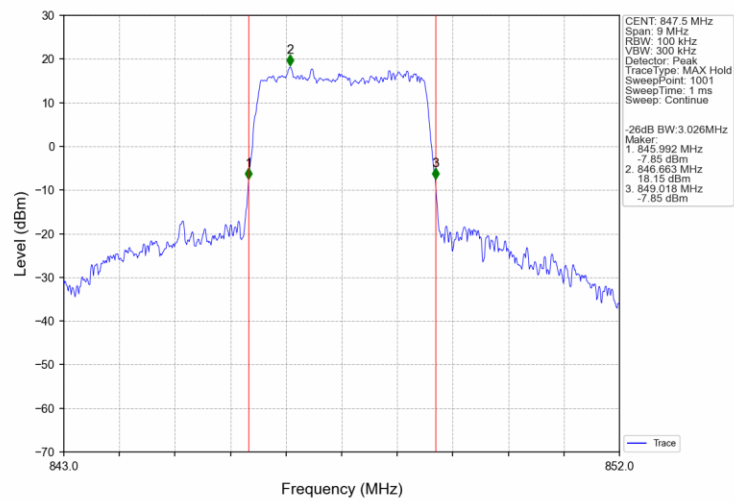
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



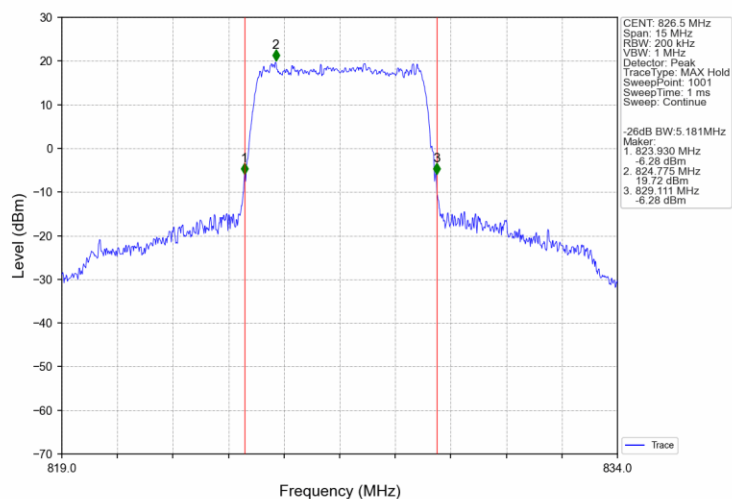
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



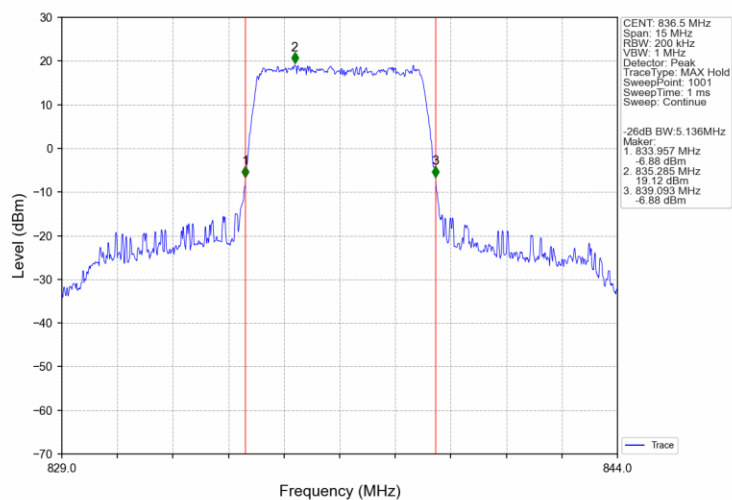
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



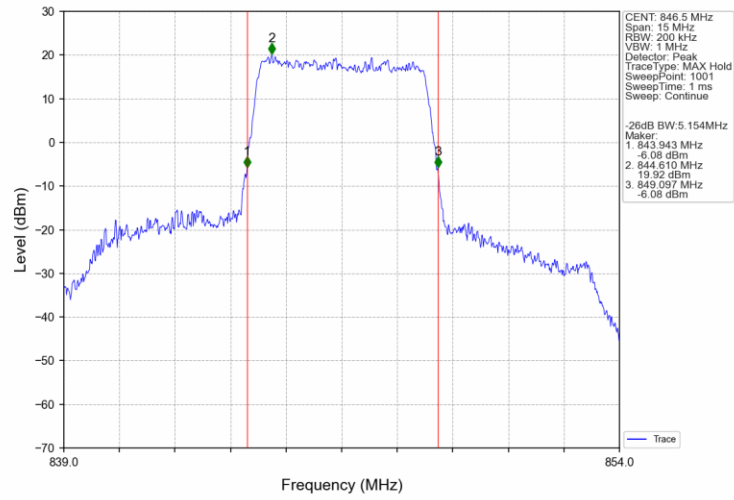
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



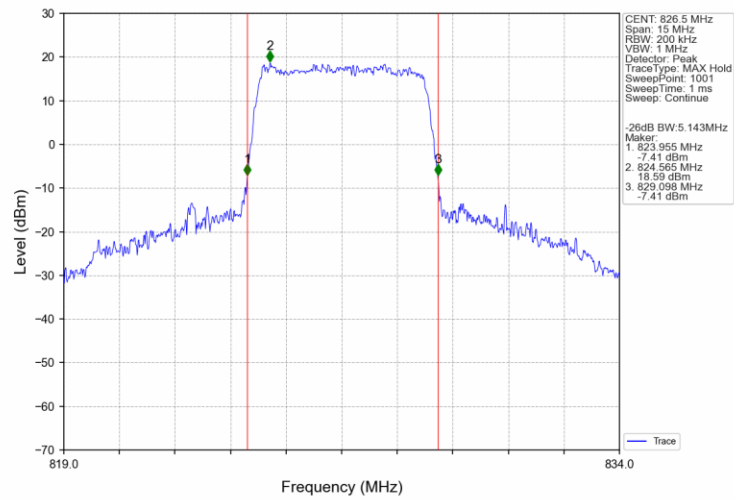
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



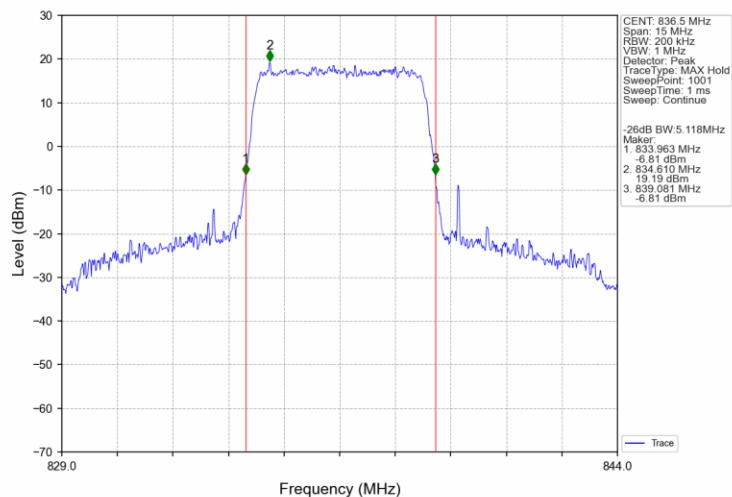
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



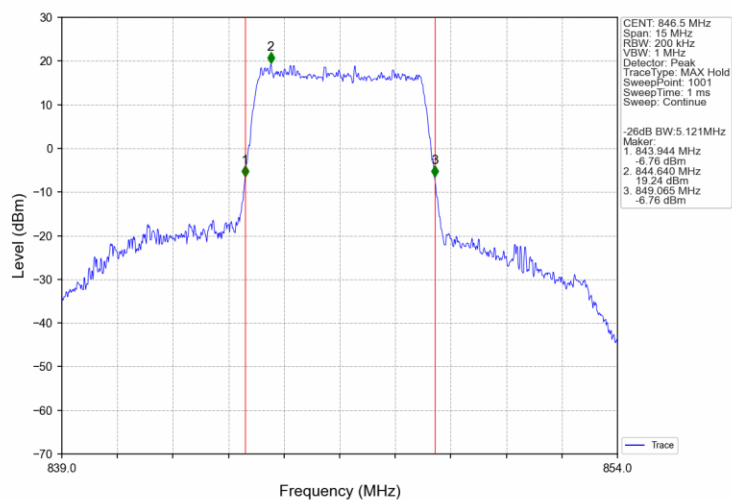
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



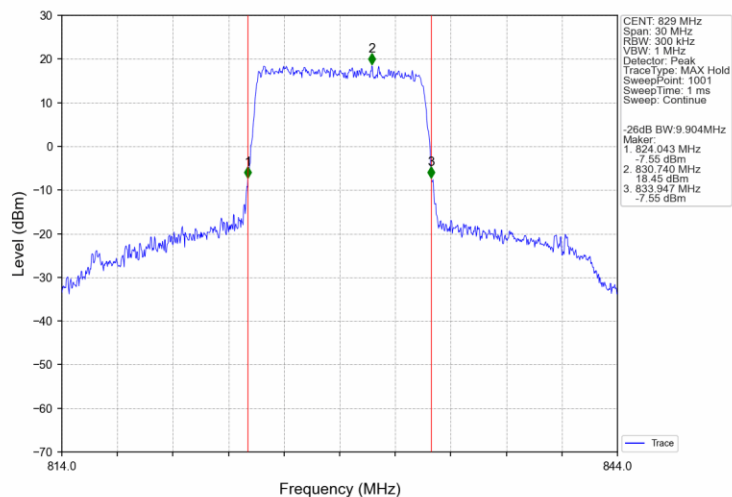
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



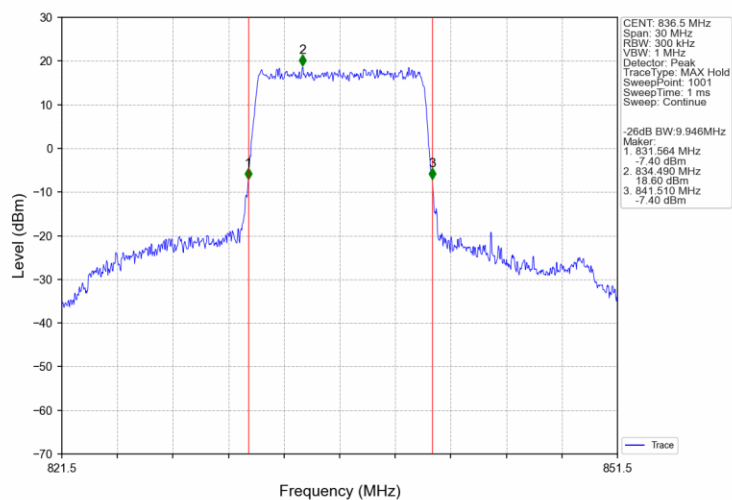
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



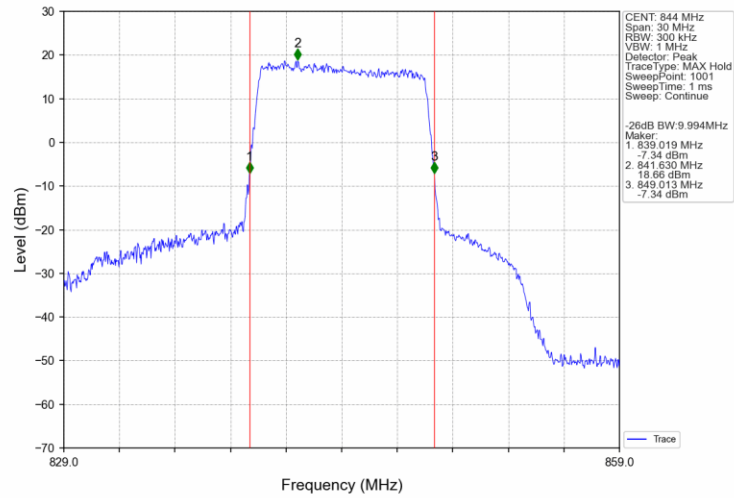
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



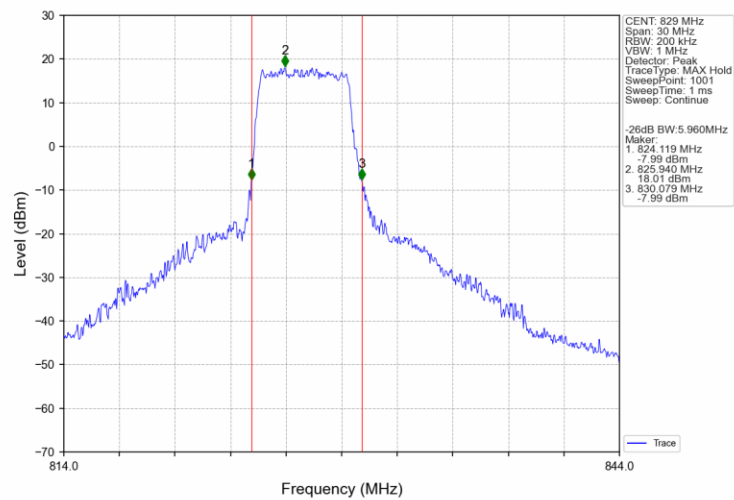
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



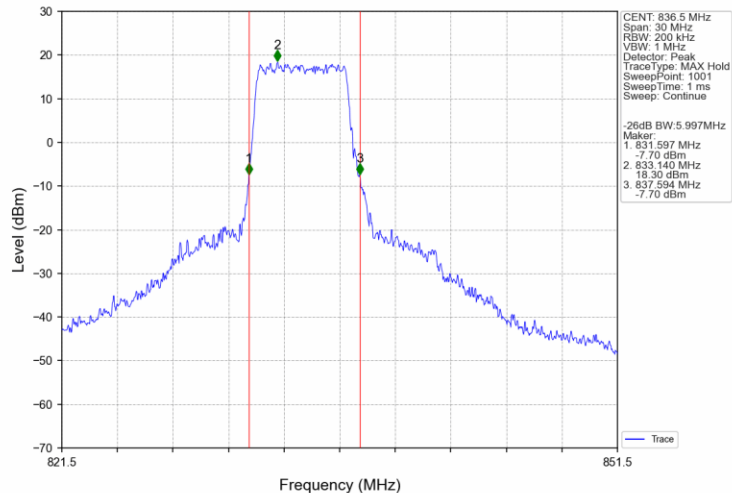
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



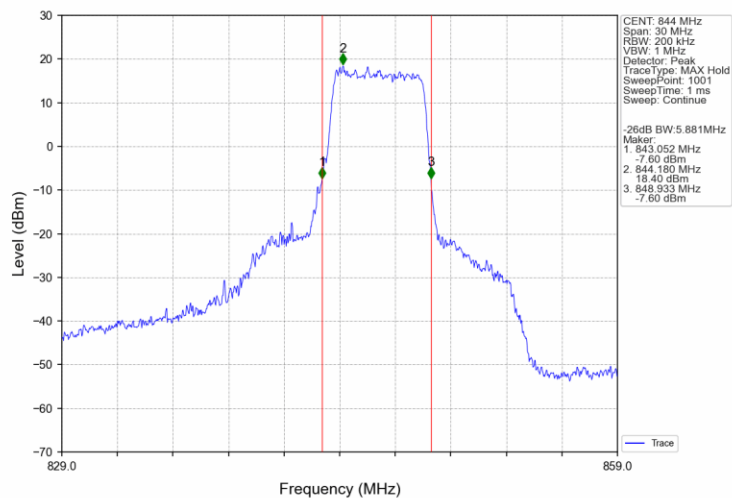
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



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	4.77	<=13	Pass
	836.5	6	0	5.32	<=13	Pass
	848.3	6	0	5.03	<=13	Pass
16QAM	824.7	6	0	5.58	<=13	Pass
	836.5	6	0	6.19	<=13	Pass
	848.3	6	0	5.80	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.93	<=13	Pass
	836.5	15	0	5.44	<=13	Pass
	847.5	15	0	5.32	<=13	Pass
16QAM	825.5	15	0	5.73	<=13	Pass
	836.5	15	0	6.29	<=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	5.21	<=13	Pass
	836.5	25	0	5.60	<=13	Pass
	846.5	25	0	5.52	<=13	Pass
16QAM	826.5	25	0	5.98	<=13	Pass
	836.5	25	0	6.29	<=13	Pass
	846.5	25	0	6.16	<=13	Pass

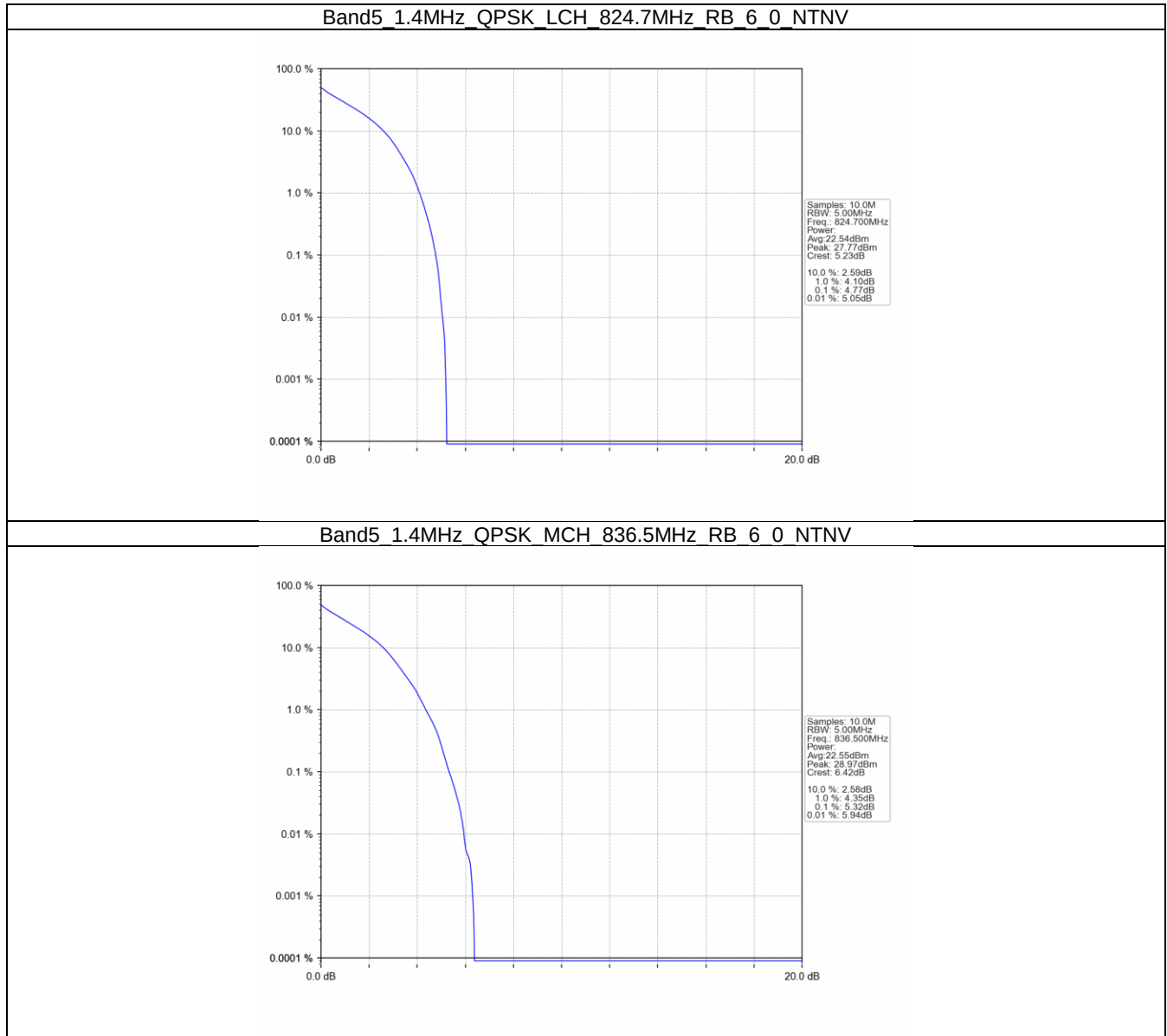
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.31	<=13	Pass
	836.5	50	0	5.52	<=13	Pass
	844	50	0	5.43	<=13	Pass
16QAM	829	27	0	5.69	<=13	Pass
	836.5	27	0	6.27	<=13	Pass
	844	27	23	6.10	<=13	Pass

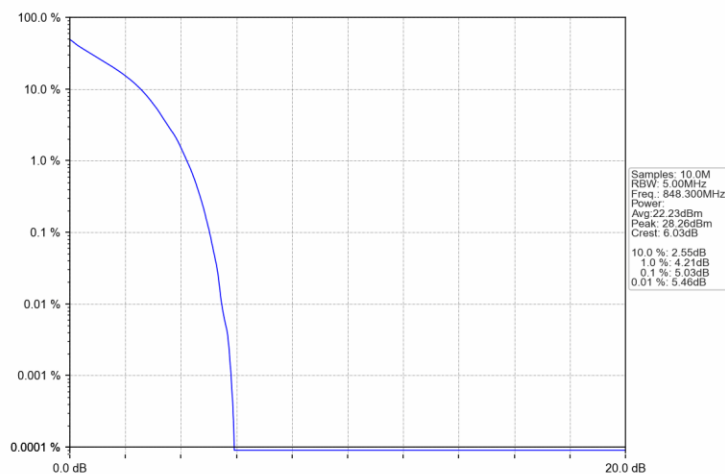


5.2 Test Graph

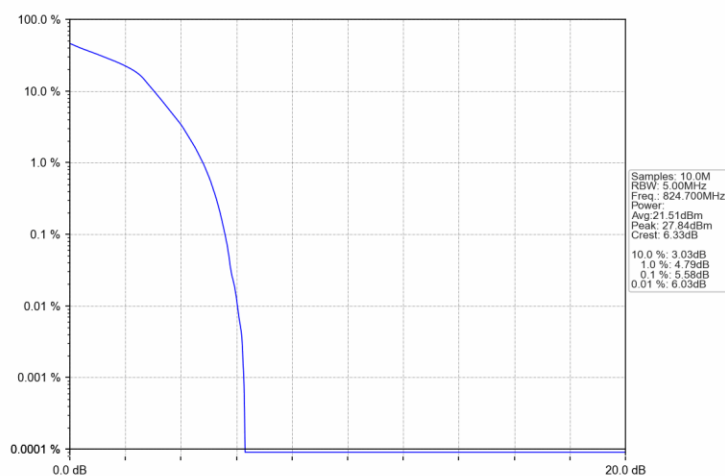
5.2.1 B5_1.4MHz



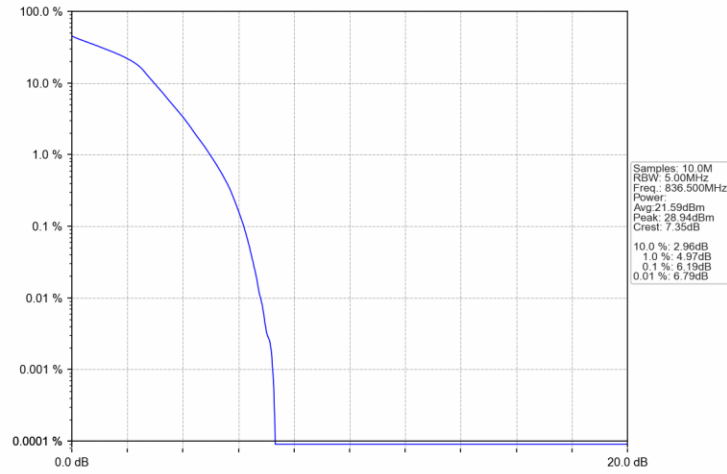
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



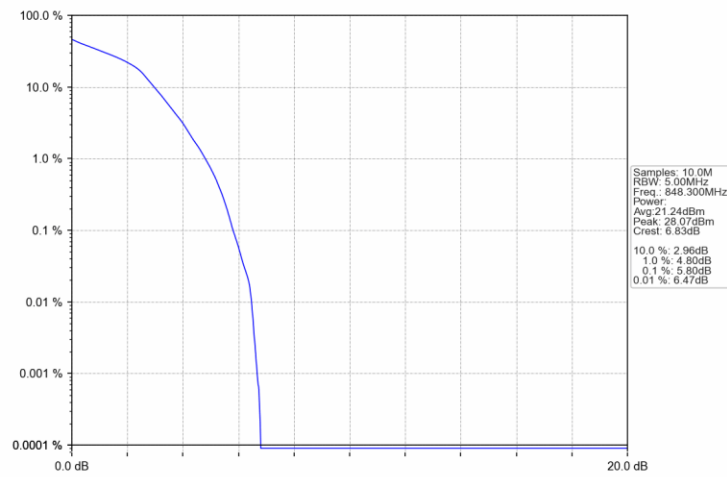
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

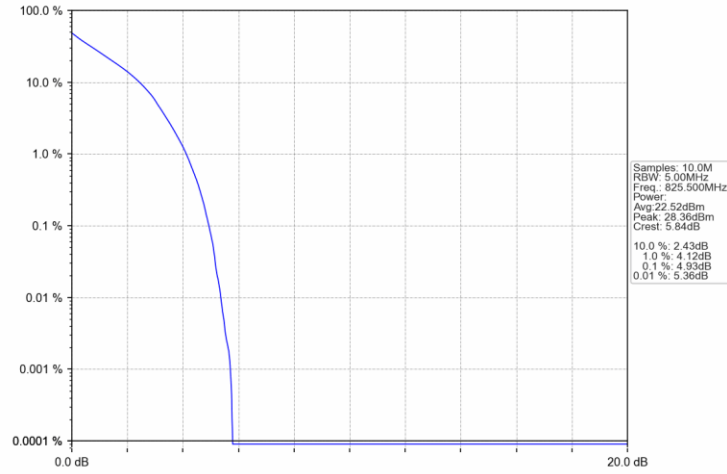


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

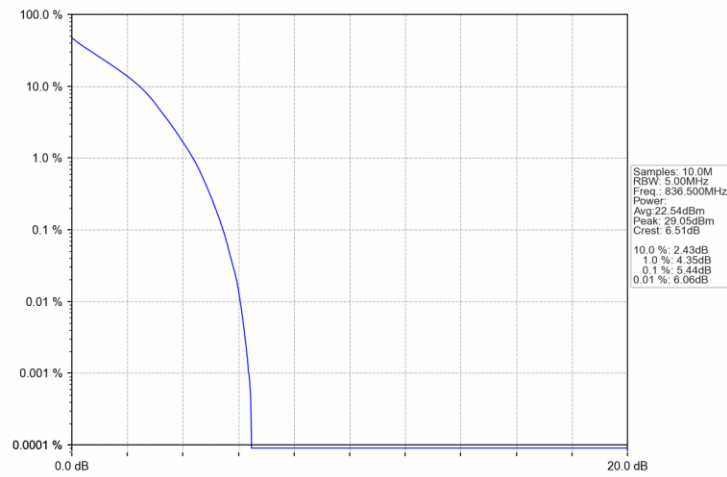


5.2.2 B5_3MHz

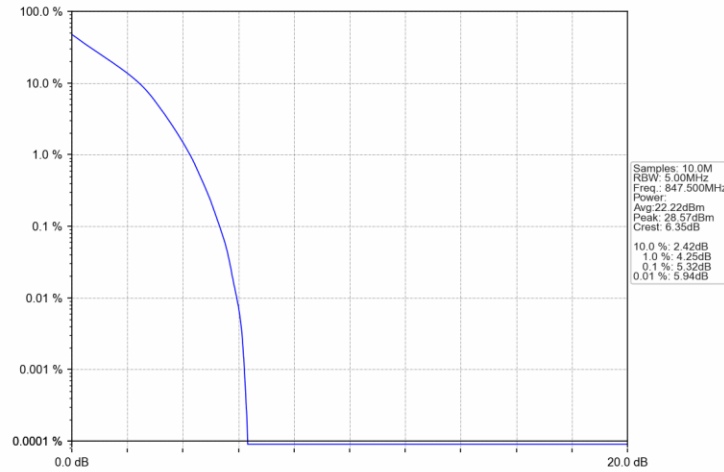
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



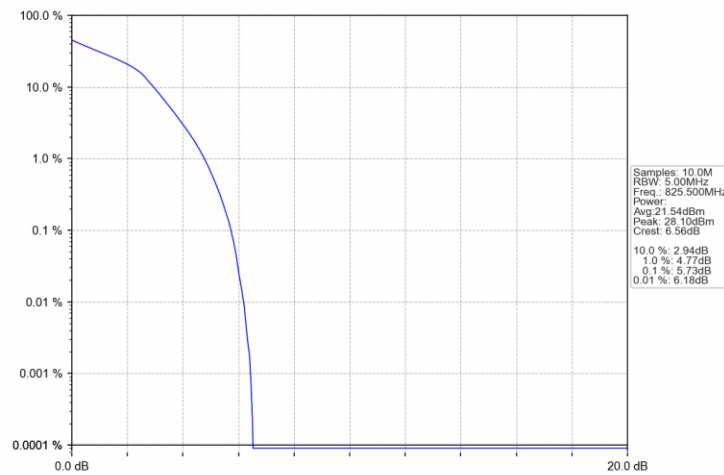
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



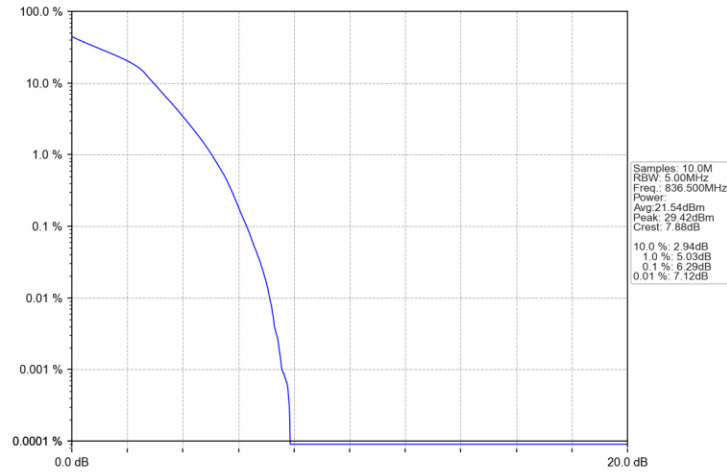
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



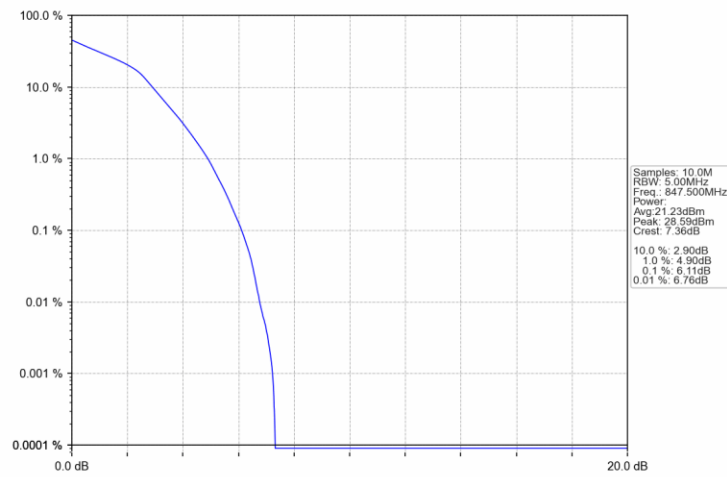
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

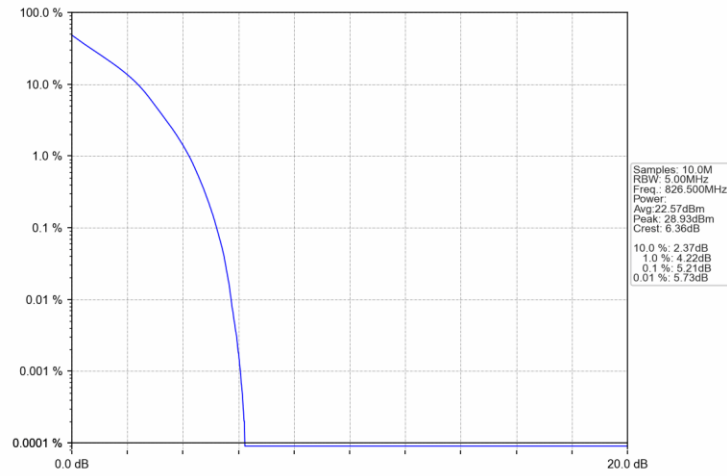


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

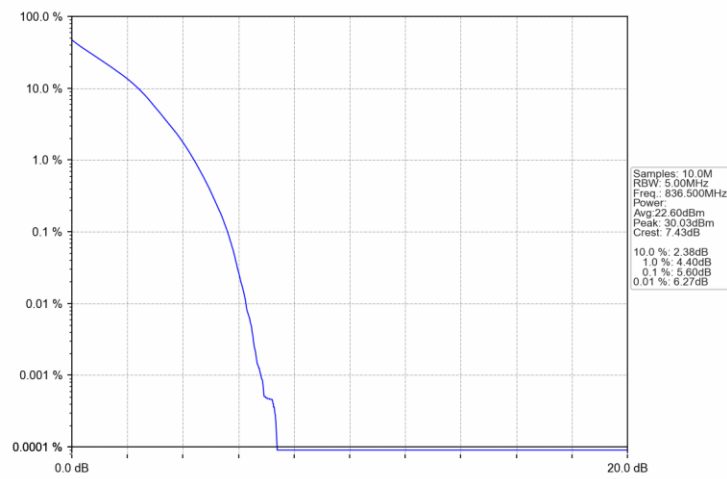


5.2.3 B5_5MHz

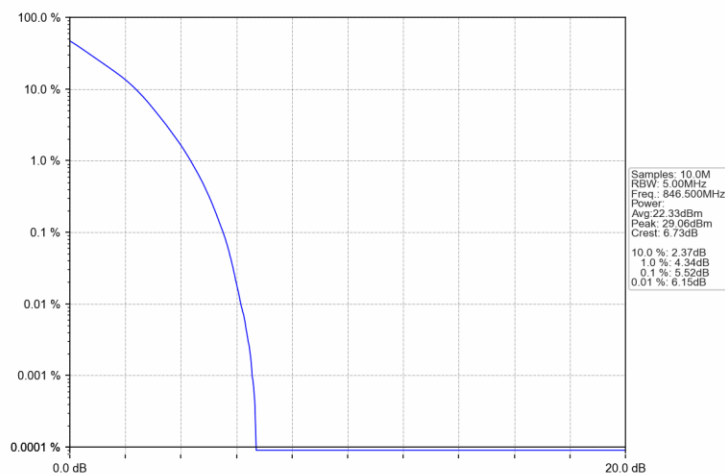
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



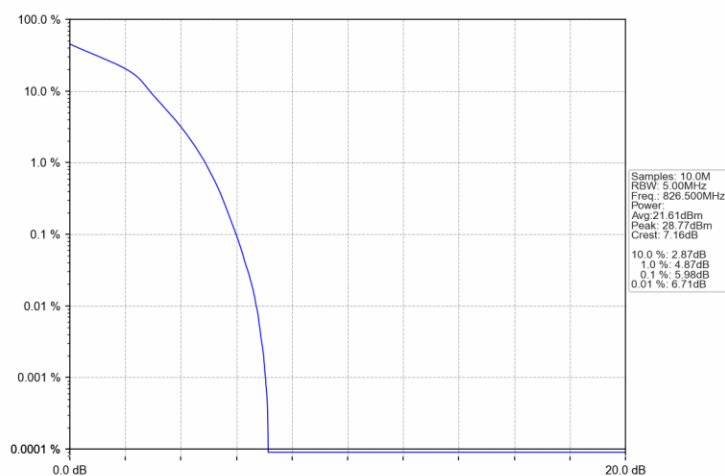
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



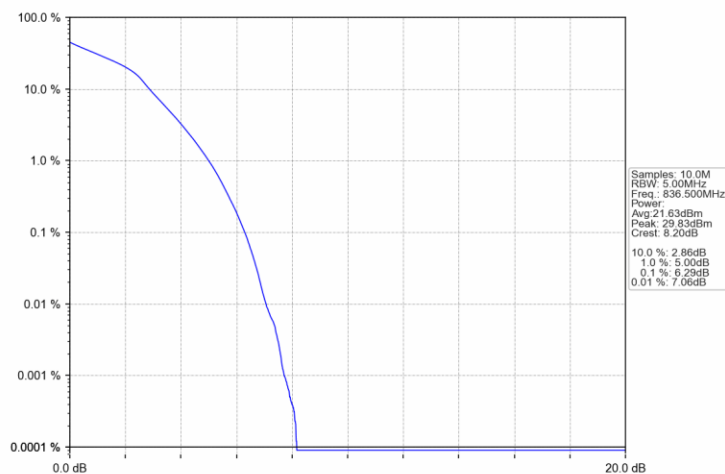
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



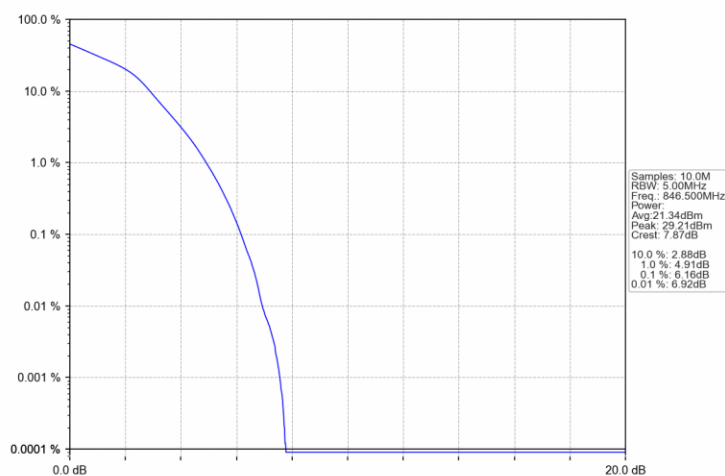
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

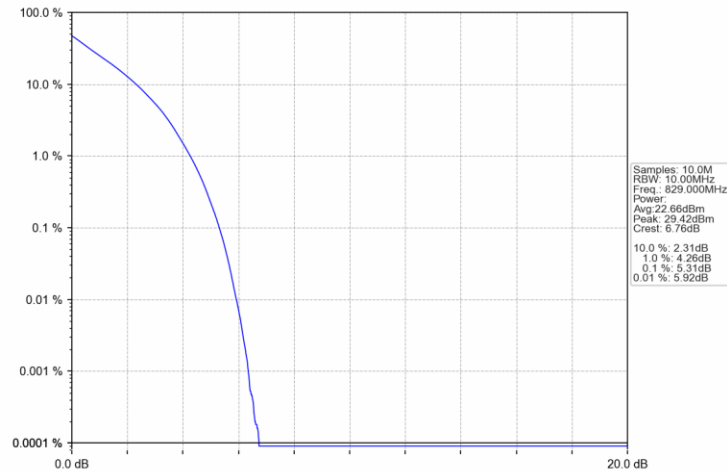


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

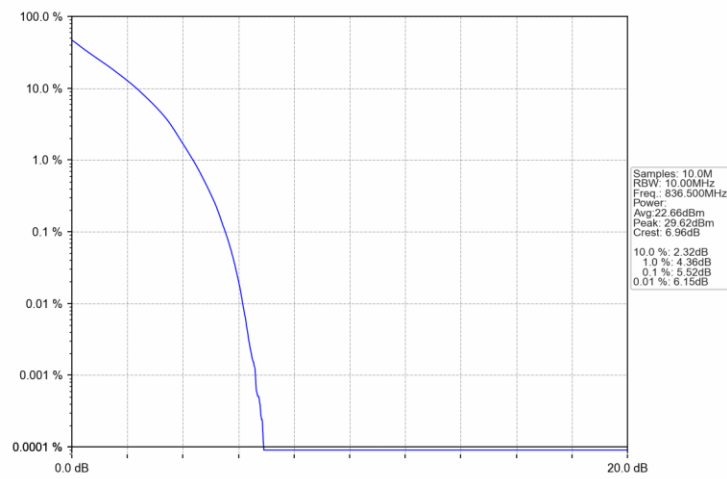


5.2.4 B5_10MHz

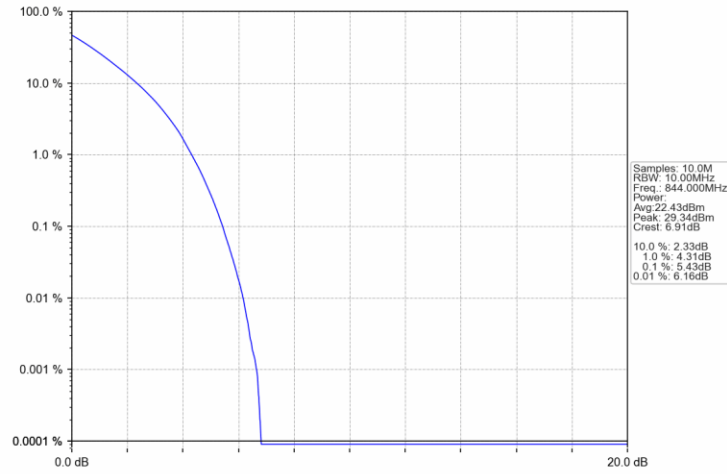
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



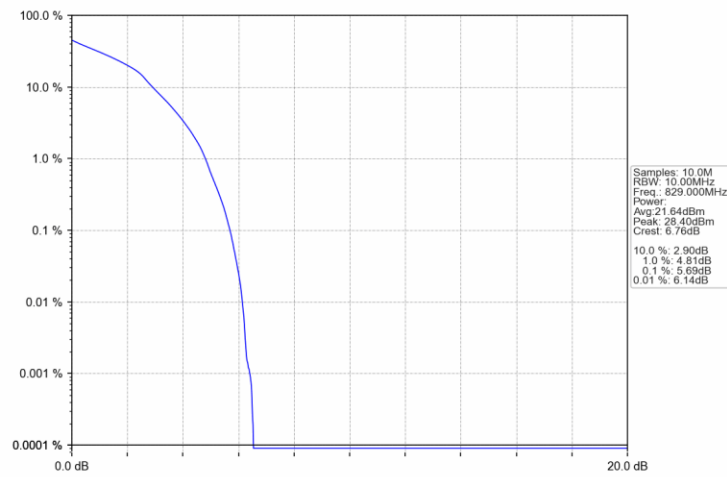
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



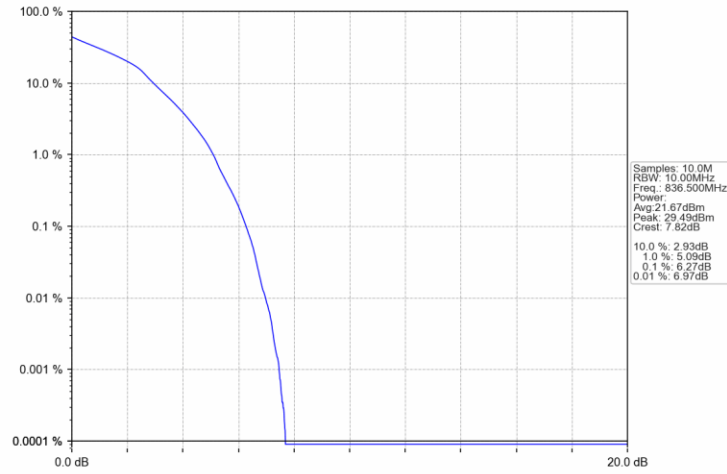
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



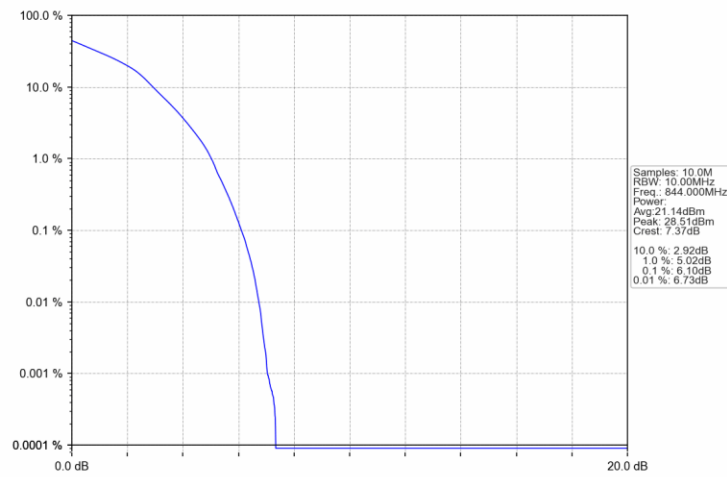
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		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		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

