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	24.39	-3.47	18.77	<=34.77	Pass
			2	24.35	-3.47	18.73	<=34.77	Pass
			5	24.38	-3.47	18.76	<=34.77	Pass
		3	0	24.35	-3.47	18.73	<=34.77	Pass
			2	24.29	-3.47	18.67	<=34.77	Pass
			3	24.27	-3.47	18.65	<=34.77	Pass
		6	0	23.34	-3.47	17.72	<=34.77	Pass
	836.5	1	0	24.36	-3.47	18.74	<=34.77	Pass
			2	24.43	-3.47	18.81	<=34.77	Pass
			5	24.45	-3.47	18.83	<=34.77	Pass
		3	0	24.42	-3.47	18.80	<=34.77	Pass
			2	24.45	-3.47	18.83	<=34.77	Pass
			3	24.43	-3.47	18.81	<=34.77	Pass
		6	0	23.37	-3.47	17.75	<=34.77	Pass
	848.3	1	0	24.32	-3.47	18.70	<=34.77	Pass
			2	24.36	-3.47	18.74	<=34.77	Pass
			5	24.34	-3.47	18.72	<=34.77	Pass
		3	0	24.39	-3.47	18.77	<=34.77	Pass
			2	24.35	-3.47	18.73	<=34.77	Pass
			3	24.41	-3.47	18.79	<=34.77	Pass
		6	0	23.20	-3.47	17.58	<=34.77	Pass
16QAM	824.7	1	0	23.33	-3.47	17.71	<=34.77	Pass
			2	23.40	-3.47	17.78	<=34.77	Pass
			5	23.36	-3.47	17.74	<=34.77	Pass
		3	0	23.35	-3.47	17.73	<=34.77	Pass
			2	23.01	-3.47	17.39	<=34.77	Pass
			3	23.11	-3.47	17.49	<=34.77	Pass
		6	0	22.42	-3.47	16.80	<=34.77	Pass
	836.5	1	0	23.86	-3.47	18.24	<=34.77	Pass
			2	23.99	-3.47	18.37	<=34.77	Pass
			5	24.02	-3.47	18.40	<=34.77	Pass
		3	0	23.36	-3.47	17.74	<=34.77	Pass
			2	23.41	-3.47	17.79	<=34.77	Pass
			3	23.39	-3.47	17.77	<=34.77	Pass
		6	0	22.46	-3.47	16.84	<=34.77	Pass
	848.3	1	0	23.85	-3.47	18.23	<=34.77	Pass
			2	23.91	-3.47	18.29	<=34.77	Pass
			5	23.89	-3.47	18.27	<=34.77	Pass
		3	0	23.20	-3.47	17.58	<=34.77	Pass
			2	23.19	-3.47	17.57	<=34.77	Pass
			3	23.10	-3.47	17.48	<=34.77	Pass
		6	0	22.38	-3.47	16.76	<=34.77	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	24.29	-3.47	18.67	<=34.77	Pass
			7	24.31	-3.47	18.69	<=34.77	Pass
			14	24.34	-3.47	18.72	<=34.77	Pass
		8	0	23.42	-3.47	17.80	<=34.77	Pass
			4	23.34	-3.47	17.72	<=34.77	Pass
			7	23.34	-3.47	17.72	<=34.77	Pass
		15	0	23.32	-3.47	17.70	<=34.77	Pass
	836.5	1	0	24.38	-3.47	18.76	<=34.77	Pass
			7	24.43	-3.47	18.81	<=34.77	Pass
			14	24.34	-3.47	18.72	<=34.77	Pass
		8	0	23.42	-3.47	17.80	<=34.77	Pass
			4	23.39	-3.47	17.77	<=34.77	Pass
			7	23.33	-3.47	17.71	<=34.77	Pass
		15	0	23.36	-3.47	17.74	<=34.77	Pass
	847.5	1	0	24.42	-3.47	18.80	<=34.77	Pass
			7	24.41	-3.47	18.79	<=34.77	Pass
			14	24.37	-3.47	18.75	<=34.77	Pass
		8	0	23.28	-3.47	17.66	<=34.77	Pass
			4	23.23	-3.47	17.61	<=34.77	Pass
			7	23.26	-3.47	17.64	<=34.77	Pass
		15	0	23.37	-3.47	17.75	<=34.77	Pass
16QAM	825.5	1	0	24.23	-3.47	18.61	<=34.77	Pass
			7	24.22	-3.47	18.60	<=34.77	Pass
			14	24.20	-3.47	18.58	<=34.77	Pass
		8	0	22.56	-3.47	16.94	<=34.77	Pass
			4	22.51	-3.47	16.89	<=34.77	Pass
			7	22.62	-3.47	17.00	<=34.77	Pass
		15	0	22.35	-3.47	16.73	<=34.77	Pass
	836.5	1	0	23.40	-3.47	17.78	<=34.77	Pass
			7	23.41	-3.47	17.79	<=34.77	Pass
			14	23.32	-3.47	17.70	<=34.77	Pass
		8	0	22.59	-3.47	16.97	<=34.77	Pass
			4	22.59	-3.47	16.97	<=34.77	Pass
			7	22.54	-3.47	16.92	<=34.77	Pass
		15	0	22.39	-3.47	16.77	<=34.77	Pass
	847.5	1	0	24.25	-3.47	18.63	<=34.77	Pass
			7	24.27	-3.47	18.65	<=34.77	Pass
			14	24.21	-3.47	18.59	<=34.77	Pass
		8	0	22.44	-3.47	16.82	<=34.77	Pass
			4	22.40	-3.47	16.78	<=34.77	Pass
			7	22.39	-3.47	16.77	<=34.77	Pass
		15	0	22.34	-3.47	16.72	<=34.77	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	24.22	-3.47	18.60	<=34.77	Pass
			13	24.20	-3.47	18.58	<=34.77	Pass
			24	24.16	-3.47	18.54	<=34.77	Pass
		12	0	23.37	-3.47	17.75	<=34.77	Pass
			6	23.40	-3.47	17.78	<=34.77	Pass
			13	23.34	-3.47	17.72	<=34.77	Pass
		25	0	23.28	-3.47	17.66	<=34.77	Pass
	836.5	1	0	24.30	-3.47	18.68	<=34.77	Pass
			13	24.18	-3.47	18.56	<=34.77	Pass
			24	24.26	-3.47	18.64	<=34.77	Pass
		12	0	23.42	-3.47	17.80	<=34.77	Pass
			6	23.39	-3.47	17.77	<=34.77	Pass
			13	23.43	-3.47	17.81	<=34.77	Pass
		25	0	23.27	-3.47	17.65	<=34.77	Pass
	846.5	1	0	24.48	-3.47	18.86	<=34.77	Pass
			13	24.36	-3.47	18.74	<=34.77	Pass
			24	24.45	-3.47	18.83	<=34.77	Pass
		12	0	23.39	-3.47	17.77	<=34.77	Pass
			6	23.40	-3.47	17.78	<=34.77	Pass
			13	23.26	-3.47	17.64	<=34.77	Pass
		25	0	23.25	-3.47	17.63	<=34.77	Pass
16QAM	826.5	1	0	22.94	-3.47	17.32	<=34.77	Pass
			13	22.87	-3.47	17.25	<=34.77	Pass
			24	22.90	-3.47	17.28	<=34.77	Pass
		12	0	22.31	-3.47	16.69	<=34.77	Pass
			6	22.33	-3.47	16.71	<=34.77	Pass
			13	22.31	-3.47	16.69	<=34.77	Pass
		25	0	22.37	-3.47	16.75	<=34.77	Pass
	836.5	1	0	23.85	-3.47	18.23	<=34.77	Pass
			13	23.89	-3.47	18.27	<=34.77	Pass
			24	23.93	-3.47	18.31	<=34.77	Pass
		12	0	22.44	-3.47	16.82	<=34.77	Pass
			6	22.35	-3.47	16.73	<=34.77	Pass
			13	22.34	-3.47	16.72	<=34.77	Pass
		25	0	22.44	-3.47	16.82	<=34.77	Pass
	846.5	1	0	23.76	-3.47	18.14	<=34.77	Pass
			13	23.76	-3.47	18.14	<=34.77	Pass
			24	23.73	-3.47	18.11	<=34.77	Pass
		12	0	22.29	-3.47	16.67	<=34.77	Pass
			6	22.18	-3.47	16.56	<=34.77	Pass
			13	22.22	-3.47	16.60	<=34.77	Pass
		25	0	22.21	-3.47	16.59	<=34.77	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	24.27	-3.47	18.65	<=34.77	Pass
			25	24.27	-3.47	18.65	<=34.77	Pass
			49	24.38	-3.47	18.76	<=34.77	Pass
		25	0	23.26	-3.47	17.64	<=34.77	Pass
			13	23.35	-3.47	17.73	<=34.77	Pass
			25	23.41	-3.47	17.79	<=34.77	Pass
		50	0	23.34	-3.47	17.72	<=34.77	Pass
	836.5	1	0	24.18	-3.47	18.56	<=34.77	Pass
			25	24.36	-3.47	18.74	<=34.77	Pass
			49	24.32	-3.47	18.70	<=34.77	Pass
		25	0	23.31	-3.47	17.69	<=34.77	Pass
			13	23.28	-3.47	17.66	<=34.77	Pass
			25	23.38	-3.47	17.76	<=34.77	Pass
		50	0	23.35	-3.47	17.73	<=34.77	Pass
	844	1	0	24.40	-3.47	18.78	<=34.77	Pass
			25	24.38	-3.47	18.76	<=34.77	Pass
			49	24.43	-3.47	18.81	<=34.77	Pass
		25	0	23.30	-3.47	17.68	<=34.77	Pass
			13	23.27	-3.47	17.65	<=34.77	Pass
			25	23.26	-3.47	17.64	<=34.77	Pass
		50	0	23.28	-3.47	17.66	<=34.77	Pass
16QAM	829	1	0	24.20	-3.47	18.58	<=34.77	Pass
			25	24.23	-3.47	18.61	<=34.77	Pass
			49	24.27	-3.47	18.65	<=34.77	Pass
		25	0	22.31	-3.47	16.69	<=34.77	Pass
			13	22.27	-3.47	16.65	<=34.77	Pass
			25	22.80	-3.47	17.18	<=34.77	Pass
		50	0	22.28	-3.47	16.66	<=34.77	Pass
	836.5	1	0	23.56	-3.47	17.94	<=34.77	Pass
			25	23.35	-3.47	17.73	<=34.77	Pass
			49	23.37	-3.47	17.75	<=34.77	Pass
		25	0	22.48	-3.47	16.86	<=34.77	Pass
			13	22.47	-3.47	16.85	<=34.77	Pass
			25	22.48	-3.47	16.86	<=34.77	Pass
		50	0	22.32	-3.47	16.70	<=34.77	Pass
	844	1	0	24.00	-3.47	18.38	<=34.77	Pass
			25	23.97	-3.47	18.35	<=34.77	Pass
			49	24.01	-3.47	18.39	<=34.77	Pass
		25	0	22.39	-3.47	16.77	<=34.77	Pass
			13	22.53	-3.47	16.91	<=34.77	Pass
			25	22.47	-3.47	16.85	<=34.77	Pass
		50	0	22.38	-3.47	16.76	<=34.77	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	3.29	41.056	0.0498	-2.5 to 2.5	Pass
					3.87	18.425	0.0223	-2.5 to 2.5	Pass
					4.45	37.394	0.0453	-2.5 to 2.5	Pass
				-30	3.87	33.631	0.0408	-2.5 to 2.5	Pass
				-20	3.87	5.636	0.0068	-2.5 to 2.5	Pass
				-10	3.87	6.351	0.0077	-2.5 to 2.5	Pass
				0	3.87	7.339	0.0089	-2.5 to 2.5	Pass
				10	3.87	5.121	0.0062	-2.5 to 2.5	Pass
				30	3.87	-1.001	-0.0012	-2.5 to 2.5	Pass
				40	3.87	-2.346	-0.0028	-2.5 to 2.5	Pass
				50	3.87	-1.359	-0.0016	-2.5 to 2.5	Pass
	836.5	6	0	20	3.29	7.839	0.0094	-2.5 to 2.5	Pass
					3.87	14.448	0.0173	-2.5 to 2.5	Pass
					4.45	16.737	0.0200	-2.5 to 2.5	Pass
				-30	3.87	12.231	0.0146	-2.5 to 2.5	Pass
				-20	3.87	2.160	0.0026	-2.5 to 2.5	Pass
				-10	3.87	-13.561	-0.0162	-2.5 to 2.5	Pass
				0	3.87	-32.043	-0.0383	-2.5 to 2.5	Pass
				10	3.87	-43.159	-0.0516	-2.5 to 2.5	Pass
				30	3.87	-0.687	-0.0008	-2.5 to 2.5	Pass
				40	3.87	-7.238	-0.0087	-2.5 to 2.5	Pass
				50	3.87	-9.770	-0.0117	-2.5 to 2.5	Pass
	848.3	6	0	20	3.29	12.145	0.0143	-2.5 to 2.5	Pass
					3.87	17.366	0.0205	-2.5 to 2.5	Pass
					4.45	4.177	0.0049	-2.5 to 2.5	Pass
				-30	3.87	9.599	0.0113	-2.5 to 2.5	Pass
				-20	3.87	-2.260	-0.0027	-2.5 to 2.5	Pass
				-10	3.87	-10.185	-0.0120	-2.5 to 2.5	Pass
				0	3.87	-15.006	-0.0177	-2.5 to 2.5	Pass
				10	3.87	-22.573	-0.0266	-2.5 to 2.5	Pass
				30	3.87	-28.725	-0.0339	-2.5 to 2.5	Pass
				40	3.87	-35.748	-0.0421	-2.5 to 2.5	Pass
				50	3.87	-38.495	-0.0454	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.29	-0.744	-0.0009	-2.5 to 2.5	Pass
					3.87	-2.947	-0.0036	-2.5 to 2.5	Pass
					4.45	-2.546	-0.0031	-2.5 to 2.5	Pass
				-30	3.87	-18.353	-0.0223	-2.5 to 2.5	Pass
				-20	3.87	-9.685	-0.0117	-2.5 to 2.5	Pass
				-10	3.87	-4.649	-0.0056	-2.5 to 2.5	Pass
				0	3.87	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	3.87	8.068	0.0098	-2.5 to 2.5	Pass
				30	3.87	12.217	0.0148	-2.5 to 2.5	Pass
				40	3.87	18.125	0.0220	-2.5 to 2.5	Pass
				50	3.87	24.533	0.0297	-2.5 to 2.5	Pass
	836.5	6	0	20	3.29	-25.291	-0.0302	-2.5 to 2.5	Pass
					3.87	18.139	0.0217	-2.5 to 2.5	Pass
					4.45	18.468	0.0221	-2.5 to 2.5	Pass
				-30	3.87	18.196	0.0218	-2.5 to 2.5	Pass
				-20	3.87	21.000	0.0251	-2.5 to 2.5	Pass
				-10	3.87	27.051	0.0323	-2.5 to 2.5	Pass

				0	3.87	32.001	0.0383	-2.5 to 2.5	Pass
				10	3.87	36.478	0.0436	-2.5 to 2.5	Pass
				30	3.87	41.742	0.0499	-2.5 to 2.5	Pass
				40	3.87	42.458	0.0508	-2.5 to 2.5	Pass
				50	3.87	47.321	0.0566	-2.5 to 2.5	Pass
	848.3	6	0	20	3.29	1.860	0.0022	-2.5 to 2.5	Pass
					3.87	-23.017	-0.0271	-2.5 to 2.5	Pass
					4.45	-7.710	-0.0091	-2.5 to 2.5	Pass
				-30	3.87	-5.221	-0.0062	-2.5 to 2.5	Pass
				-20	3.87	-2.446	-0.0029	-2.5 to 2.5	Pass
				-10	3.87	1.116	0.0013	-2.5 to 2.5	Pass
				0	3.87	4.520	0.0053	-2.5 to 2.5	Pass
				10	3.87	0.930	0.0011	-2.5 to 2.5	Pass
				30	3.87	4.263	0.0050	-2.5 to 2.5	Pass
				40	3.87	6.824	0.0080	-2.5 to 2.5	Pass
				50	3.87	11.201	0.0132	-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	3.29	19.555	0.0237	-2.5 to 2.5	Pass
					3.87	36.979	0.0448	-2.5 to 2.5	Pass
					4.45	10.500	0.0127	-2.5 to 2.5	Pass
				-30	3.87	18.525	0.0224	-2.5 to 2.5	Pass
				-20	3.87	24.133	0.0292	-2.5 to 2.5	Pass
				-10	3.87	24.362	0.0295	-2.5 to 2.5	Pass
				0	3.87	26.751	0.0324	-2.5 to 2.5	Pass
				10	3.87	25.735	0.0312	-2.5 to 2.5	Pass
				30	3.87	21.915	0.0265	-2.5 to 2.5	Pass
				40	3.87	23.475	0.0284	-2.5 to 2.5	Pass
				50	3.87	24.362	0.0295	-2.5 to 2.5	Pass
	836.5	15	0	20	3.29	1.917	0.0023	-2.5 to 2.5	Pass
					3.87	11.573	0.0138	-2.5 to 2.5	Pass
					4.45	14.505	0.0173	-2.5 to 2.5	Pass
				-30	3.87	11.802	0.0141	-2.5 to 2.5	Pass
				-20	3.87	4.406	0.0053	-2.5 to 2.5	Pass
				-10	3.87	-1.116	-0.0013	-2.5 to 2.5	Pass
				0	3.87	-12.274	-0.0147	-2.5 to 2.5	Pass
				10	3.87	-19.412	-0.0232	-2.5 to 2.5	Pass
				30	3.87	-36.550	-0.0437	-2.5 to 2.5	Pass
				40	3.87	-43.874	-0.0524	-2.5 to 2.5	Pass
				50	3.87	1.831	0.0022	-2.5 to 2.5	Pass
	847.5	15	0	20	3.29	5.178	0.0061	-2.5 to 2.5	Pass
					3.87	17.595	0.0208	-2.5 to 2.5	Pass
					4.45	20.542	0.0242	-2.5 to 2.5	Pass
				-30	3.87	14.076	0.0166	-2.5 to 2.5	Pass
				-20	3.87	7.896	0.0093	-2.5 to 2.5	Pass
				-10	3.87	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.87	-8.297	-0.0098	-2.5 to 2.5	Pass
				10	3.87	-18.940	-0.0223	-2.5 to 2.5	Pass
				30	3.87	-24.433	-0.0288	-2.5 to 2.5	Pass
				40	3.87	7.110	0.0084	-2.5 to 2.5	Pass
				50	3.87	-0.172	-0.0002	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.29	15.492	0.0188	-2.5 to 2.5	Pass
					3.87	17.996	0.0218	-2.5 to 2.5	Pass
					4.45	23.203	0.0281	-2.5 to 2.5	Pass

				-30	3.87	26.350	0.0319	-2.5 to 2.5	Pass
				-20	3.87	31.643	0.0383	-2.5 to 2.5	Pass
				-10	3.87	36.907	0.0447	-2.5 to 2.5	Pass
				0	3.87	42.872	0.0519	-2.5 to 2.5	Pass
				10	3.87	-1.059	-0.0013	-2.5 to 2.5	Pass
				30	3.87	1.931	0.0023	-2.5 to 2.5	Pass
				40	3.87	7.696	0.0093	-2.5 to 2.5	Pass
				50	3.87	-0.587	-0.0007	-2.5 to 2.5	Pass
	836.5	15	0	20	3.29	-4.735	-0.0057	-2.5 to 2.5	Pass
					3.87	-7.324	-0.0088	-2.5 to 2.5	Pass
					4.45	-4.878	-0.0058	-2.5 to 2.5	Pass
				-30	3.87	-2.303	-0.0028	-2.5 to 2.5	Pass
				-20	3.87	-1.087	-0.0013	-2.5 to 2.5	Pass
				-10	3.87	1.473	0.0018	-2.5 to 2.5	Pass
				0	3.87	5.107	0.0061	-2.5 to 2.5	Pass
				10	3.87	-4.621	-0.0055	-2.5 to 2.5	Pass
				30	3.87	-13.504	-0.0161	-2.5 to 2.5	Pass
				40	3.87	-17.009	-0.0203	-2.5 to 2.5	Pass
				50	3.87	-12.031	-0.0144	-2.5 to 2.5	Pass
	847.5	15	0	20	3.29	-7.267	-0.0086	-2.5 to 2.5	Pass
					3.87	-11.230	-0.0133	-2.5 to 2.5	Pass
					4.45	-10.557	-0.0125	-2.5 to 2.5	Pass
				-30	3.87	-8.955	-0.0106	-2.5 to 2.5	Pass
				-20	3.87	-9.713	-0.0115	-2.5 to 2.5	Pass
				-10	3.87	-5.751	-0.0068	-2.5 to 2.5	Pass
				0	3.87	-5.178	-0.0061	-2.5 to 2.5	Pass
				10	3.87	-4.005	-0.0047	-2.5 to 2.5	Pass
				30	3.87	-11.330	-0.0134	-2.5 to 2.5	Pass
				40	3.87	-7.968	-0.0094	-2.5 to 2.5	Pass
				50	3.87	-5.035	-0.0059	-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	3.29	40.655	0.0492	-2.5 to 2.5	Pass
					3.87	21.744	0.0263	-2.5 to 2.5	Pass
					4.45	39.582	0.0479	-2.5 to 2.5	Pass
				-30	3.87	5.608	0.0068	-2.5 to 2.5	Pass
				-20	3.87	3.247	0.0039	-2.5 to 2.5	Pass
				-10	3.87	4.935	0.0060	-2.5 to 2.5	Pass
				0	3.87	-13.433	-0.0163	-2.5 to 2.5	Pass
				10	3.87	-11.573	-0.0140	-2.5 to 2.5	Pass
				30	3.87	-14.048	-0.0170	-2.5 to 2.5	Pass
				40	3.87	-16.065	-0.0194	-2.5 to 2.5	Pass
				50	3.87	-17.982	-0.0218	-2.5 to 2.5	Pass
	836.5	25	0	20	3.29	-1.502	-0.0018	-2.5 to 2.5	Pass
					3.87	4.334	0.0052	-2.5 to 2.5	Pass
					4.45	1.988	0.0024	-2.5 to 2.5	Pass
				-30	3.87	-4.420	-0.0053	-2.5 to 2.5	Pass
				-20	3.87	-15.278	-0.0183	-2.5 to 2.5	Pass
				-10	3.87	-25.263	-0.0302	-2.5 to 2.5	Pass
				0	3.87	-31.829	-0.0381	-2.5 to 2.5	Pass
				10	3.87	-37.551	-0.0449	-2.5 to 2.5	Pass
				30	3.87	-44.689	-0.0534	-2.5 to 2.5	Pass
				40	3.87	-1.202	-0.0014	-2.5 to 2.5	Pass
				50	3.87	-5.393	-0.0064	-2.5 to 2.5	Pass

	846.5	25	0	20	3.29	-1.044	-0.0012	-2.5 to 2.5	Pass
					3.87	14.133	0.0167	-2.5 to 2.5	Pass
					4.45	8.240	0.0097	-2.5 to 2.5	Pass
				-30	3.87	0.529	0.0006	-2.5 to 2.5	Pass
				-20	3.87	-4.549	-0.0054	-2.5 to 2.5	Pass
				-10	3.87	-9.656	-0.0114	-2.5 to 2.5	Pass
				0	3.87	-33.331	-0.0394	-2.5 to 2.5	Pass
				10	3.87	-34.246	-0.0405	-2.5 to 2.5	Pass
				30	3.87	-39.268	-0.0464	-2.5 to 2.5	Pass
				40	3.87	-13.905	-0.0164	-2.5 to 2.5	Pass
				50	3.87	-20.771	-0.0245	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.29	-17.581	-0.0213	-2.5 to 2.5	Pass
					3.87	-18.096	-0.0219	-2.5 to 2.5	Pass
					4.45	-24.805	-0.0300	-2.5 to 2.5	Pass
				-30	3.87	-33.946	-0.0411	-2.5 to 2.5	Pass
				-20	3.87	-33.588	-0.0406	-2.5 to 2.5	Pass
				-10	3.87	-30.370	-0.0367	-2.5 to 2.5	Pass
				0	3.87	9.842	0.0119	-2.5 to 2.5	Pass
				10	3.87	13.390	0.0162	-2.5 to 2.5	Pass
				30	3.87	18.539	0.0224	-2.5 to 2.5	Pass
				40	3.87	22.244	0.0269	-2.5 to 2.5	Pass
				50	3.87	24.877	0.0301	-2.5 to 2.5	Pass
	836.5	25	0	20	3.29	-6.695	-0.0080	-2.5 to 2.5	Pass
					3.87	-11.916	-0.0142	-2.5 to 2.5	Pass
					4.45	-9.427	-0.0113	-2.5 to 2.5	Pass
				-30	3.87	-12.259	-0.0147	-2.5 to 2.5	Pass
				-20	3.87	-9.456	-0.0113	-2.5 to 2.5	Pass
				-10	3.87	-8.197	-0.0098	-2.5 to 2.5	Pass
				0	3.87	-5.322	-0.0064	-2.5 to 2.5	Pass
				10	3.87	-1.259	-0.0015	-2.5 to 2.5	Pass
				30	3.87	0.587	0.0007	-2.5 to 2.5	Pass
				40	3.87	3.762	0.0045	-2.5 to 2.5	Pass
				50	3.87	-5.136	-0.0061	-2.5 to 2.5	Pass
	846.5	25	0	20	3.29	-24.047	-0.0284	-2.5 to 2.5	Pass
					3.87	-22.287	-0.0263	-2.5 to 2.5	Pass
					4.45	-21.772	-0.0257	-2.5 to 2.5	Pass
				-30	3.87	-15.492	-0.0183	-2.5 to 2.5	Pass
				-20	3.87	-10.400	-0.0123	-2.5 to 2.5	Pass
				-10	3.87	-10.457	-0.0124	-2.5 to 2.5	Pass
				0	3.87	-13.247	-0.0156	-2.5 to 2.5	Pass
				10	3.87	-7.997	-0.0094	-2.5 to 2.5	Pass
				30	3.87	-2.618	-0.0031	-2.5 to 2.5	Pass
				40	3.87	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.87	4.249	0.0050	-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	3.29	4.163	0.0050	-2.5 to 2.5	Pass
					3.87	31.343	0.0378	-2.5 to 2.5	Pass
					4.45	35.434	0.0427	-2.5 to 2.5	Pass
				-30	3.87	11.544	0.0139	-2.5 to 2.5	Pass
				-20	3.87	2.546	0.0031	-2.5 to 2.5	Pass
				-10	3.87	-11.401	-0.0138	-2.5 to 2.5	Pass
				0	3.87	-17.753	-0.0214	-2.5 to 2.5	Pass
				10	3.87	-26.708	-0.0322	-2.5 to 2.5	Pass

				30	3.87	-35.005	-0.0422	-2.5 to 2.5	Pass
				40	3.87	-30.913	-0.0373	-2.5 to 2.5	Pass
				50	3.87	-5.293	-0.0064	-2.5 to 2.5	Pass
	836.5	50	0	20	3.29	22.144	0.0265	-2.5 to 2.5	Pass
					3.87	22.073	0.0264	-2.5 to 2.5	Pass
					4.45	18.396	0.0220	-2.5 to 2.5	Pass
				-30	3.87	13.103	0.0157	-2.5 to 2.5	Pass
				-20	3.87	1.731	0.0021	-2.5 to 2.5	Pass
				-10	3.87	-4.106	-0.0049	-2.5 to 2.5	Pass
				0	3.87	-13.547	-0.0162	-2.5 to 2.5	Pass
				10	3.87	-15.364	-0.0184	-2.5 to 2.5	Pass
				30	3.87	-25.978	-0.0311	-2.5 to 2.5	Pass
				40	3.87	-19.012	-0.0227	-2.5 to 2.5	Pass
				50	3.87	4.234	0.0051	-2.5 to 2.5	Pass
	844	50	0	20	3.29	4.363	0.0052	-2.5 to 2.5	Pass
					3.87	19.712	0.0234	-2.5 to 2.5	Pass
					4.45	23.160	0.0274	-2.5 to 2.5	Pass
				-30	3.87	21.114	0.0250	-2.5 to 2.5	Pass
				-20	3.87	13.833	0.0164	-2.5 to 2.5	Pass
				-10	3.87	-1.144	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-5.722	-0.0068	-2.5 to 2.5	Pass
				10	3.87	-7.353	-0.0087	-2.5 to 2.5	Pass
				30	3.87	-7.868	-0.0093	-2.5 to 2.5	Pass
				40	3.87	-12.560	-0.0149	-2.5 to 2.5	Pass
				50	3.87	-12.932	-0.0153	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.29	-8.068	-0.0097	-2.5 to 2.5	Pass
					3.87	-3.905	-0.0047	-2.5 to 2.5	Pass
					4.45	6.394	0.0077	-2.5 to 2.5	Pass
				-30	3.87	13.547	0.0163	-2.5 to 2.5	Pass
				-20	3.87	7.582	0.0091	-2.5 to 2.5	Pass
				-10	3.87	-6.523	-0.0079	-2.5 to 2.5	Pass
				0	3.87	-1.588	-0.0019	-2.5 to 2.5	Pass
				10	3.87	10.972	0.0132	-2.5 to 2.5	Pass
				30	3.87	13.447	0.0162	-2.5 to 2.5	Pass
				40	3.87	18.783	0.0227	-2.5 to 2.5	Pass
				50	3.87	27.294	0.0329	-2.5 to 2.5	Pass
	836.5	50	0	20	3.29	5.550	0.0066	-2.5 to 2.5	Pass
					3.87	10.986	0.0131	-2.5 to 2.5	Pass
					4.45	22.559	0.0270	-2.5 to 2.5	Pass
				-30	3.87	28.982	0.0346	-2.5 to 2.5	Pass
				-20	3.87	37.436	0.0448	-2.5 to 2.5	Pass
				-10	3.87	36.092	0.0431	-2.5 to 2.5	Pass
				0	3.87	43.988	0.0526	-2.5 to 2.5	Pass
				10	3.87	34.819	0.0416	-2.5 to 2.5	Pass
				30	3.87	30.227	0.0361	-2.5 to 2.5	Pass
				40	3.87	32.072	0.0383	-2.5 to 2.5	Pass
				50	3.87	41.513	0.0496	-2.5 to 2.5	Pass
	844	50	0	20	3.29	-27.337	-0.0324	-2.5 to 2.5	Pass
					3.87	-15.764	-0.0187	-2.5 to 2.5	Pass
					4.45	-11.845	-0.0140	-2.5 to 2.5	Pass
				-30	3.87	-2.089	-0.0025	-2.5 to 2.5	Pass
				-20	3.87	6.652	0.0079	-2.5 to 2.5	Pass
				-10	3.87	12.002	0.0142	-2.5 to 2.5	Pass
				0	3.87	15.922	0.0189	-2.5 to 2.5	Pass
				10	3.87	21.515	0.0255	-2.5 to 2.5	Pass
				30	3.87	22.774	0.0270	-2.5 to 2.5	Pass
				40	3.87	29.240	0.0346	-2.5 to 2.5	Pass
				50	3.87	6.137	0.0073	-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

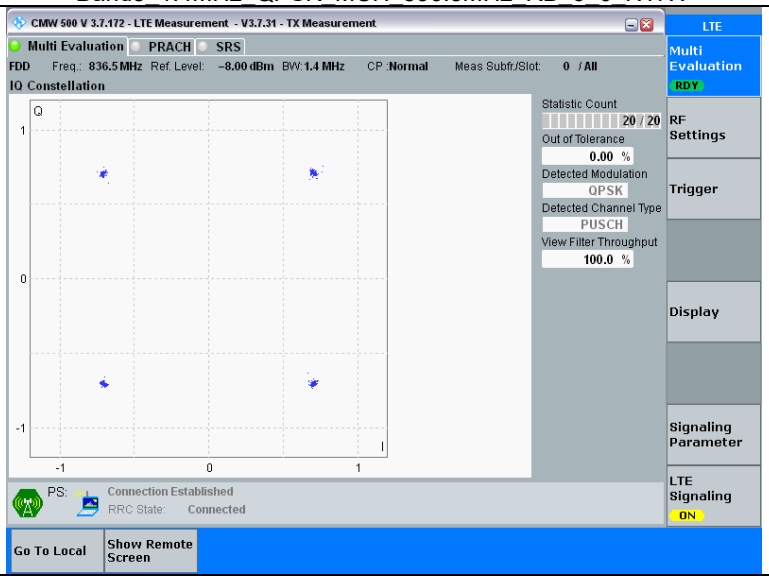
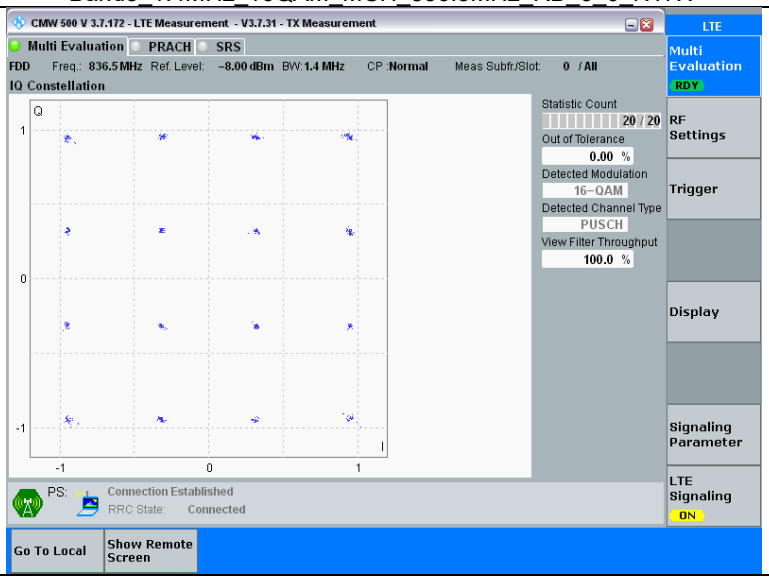
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

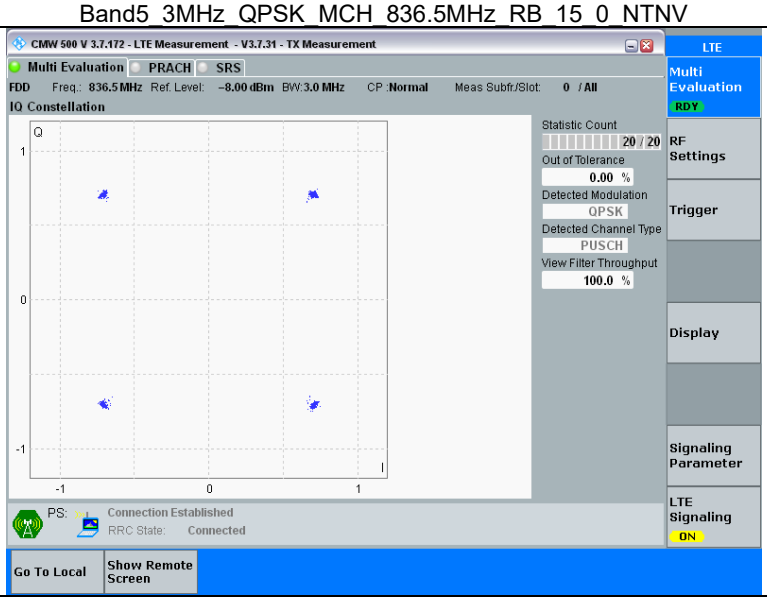
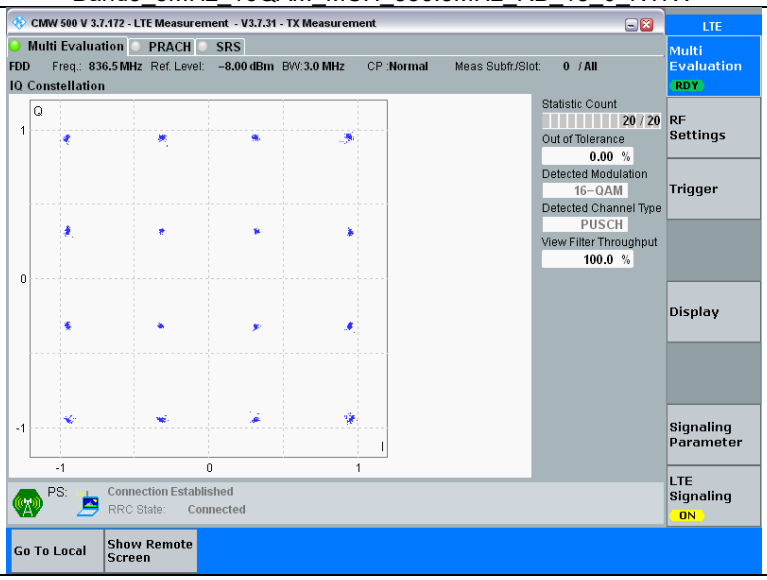
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

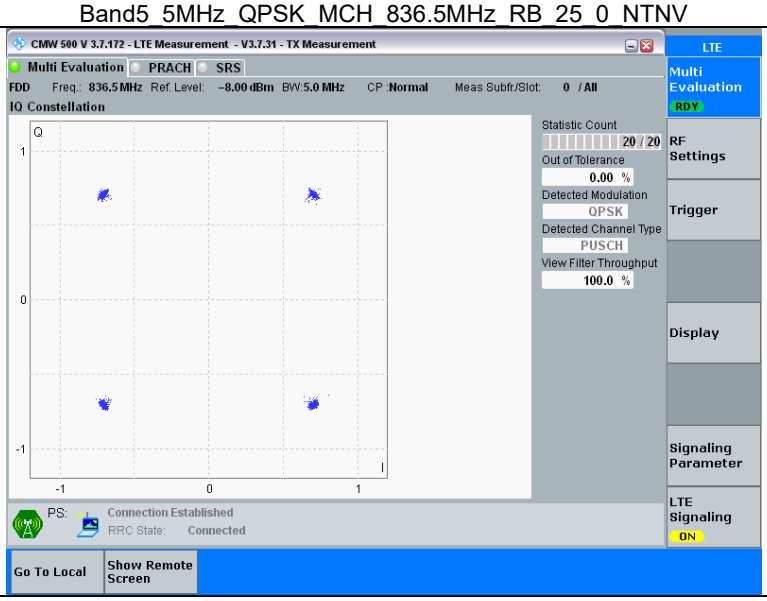
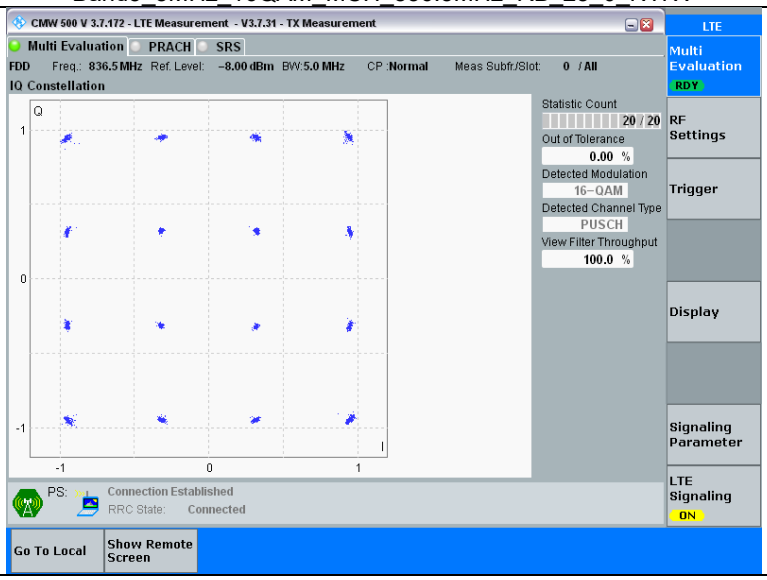
3.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV


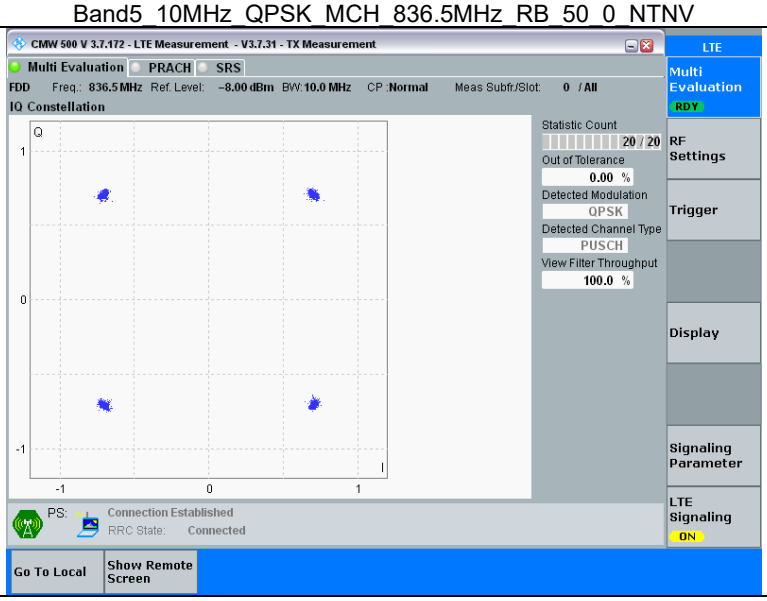
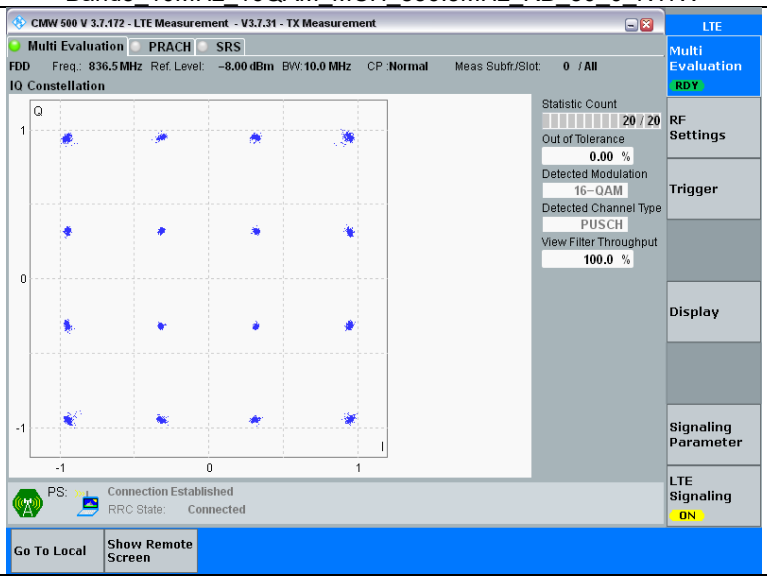
3.2.2 B5_3MHz

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV


3.2.3 B5_5MHz

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV


3.2.4 B5_10MHz

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV


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	1.121	/	Pass
		836.5	6	0	1.109	/	Pass
		848.3	6	0	1.116	/	Pass
	16QAM	824.7	6	0	1.113	/	Pass
		836.5	6	0	1.107	/	Pass
		848.3	6	0	1.117	/	Pass
3	QPSK	825.5	15	0	2.757	/	Pass
		836.5	15	0	2.758	/	Pass
		847.5	15	0	2.757	/	Pass
	16QAM	825.5	15	0	2.779	/	Pass
		836.5	15	0	2.750	/	Pass
		847.5	15	0	2.738	/	Pass
5	QPSK	826.5	25	0	4.542	/	Pass
		836.5	25	0	4.545	/	Pass
		846.5	25	0	4.546	/	Pass
	16QAM	826.5	25	0	4.538	/	Pass
		836.5	25	0	4.568	/	Pass
		846.5	25	0	4.558	/	Pass
10	QPSK	829	50	0	9.065	/	Pass
		836.5	50	0	9.106	/	Pass
		844	50	0	9.040	/	Pass
	16QAM	829	50	0	9.037	/	Pass
		836.5	50	0	9.055	/	Pass
		844	50	0	9.067	/	Pass

4.1.2 Band5_XDB

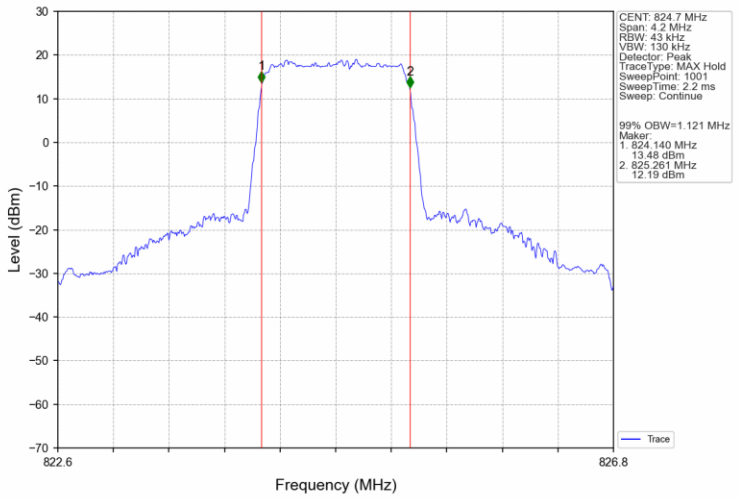
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.272	/	Pass
		836.5	6	0	1.269	/	Pass
		848.3	6	0	1.278	/	Pass
	16QAM	824.7	6	0	1.278	/	Pass
		836.5	6	0	1.267	/	Pass
		848.3	6	0	1.264	/	Pass
3	QPSK	825.5	15	0	3.112	/	Pass
		836.5	15	0	3.090	/	Pass
		847.5	15	0	3.099	/	Pass
	16QAM	825.5	15	0	3.115	/	Pass
		836.5	15	0	3.103	/	Pass
		847.5	15	0	3.109	/	Pass
5	QPSK	826.5	25	0	5.042	/	Pass
		836.5	25	0	5.083	/	Pass
		846.5	25	0	5.073	/	Pass

	16QAM	826.5	25	0	5.063	/	Pass
		836.5	25	0	5.070	/	Pass
		846.5	25	0	5.065	/	Pass
10	QPSK	829	50	0	10.005	/	Pass
		836.5	50	0	10.050	/	Pass
		844	50	0	10.056	/	Pass
	16QAM	829	50	0	10.072	/	Pass
		836.5	50	0	10.101	/	Pass
		844	50	0	10.056	/	Pass

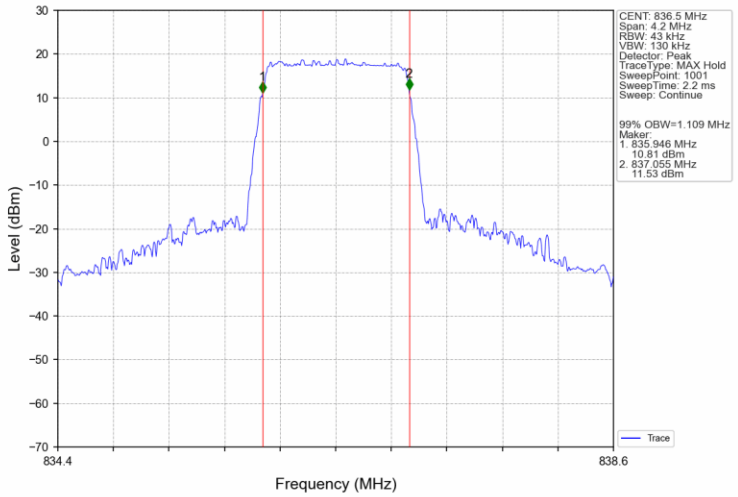
4.2 Test Graph

4.2.1 Band5_OBW

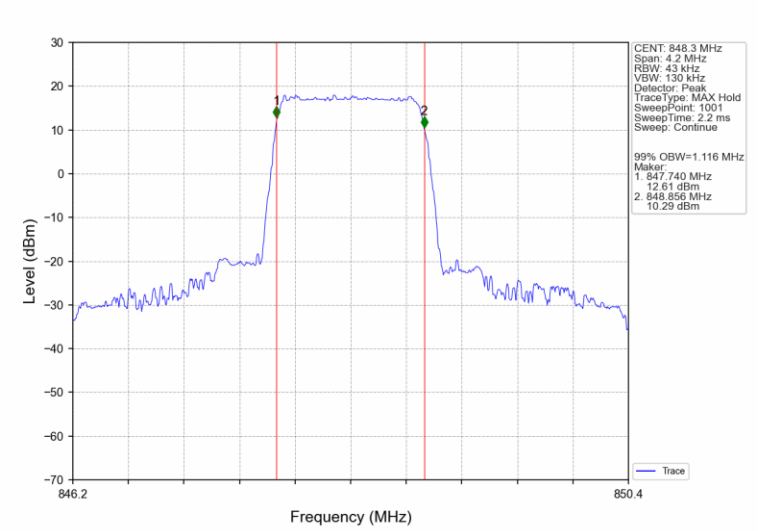
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



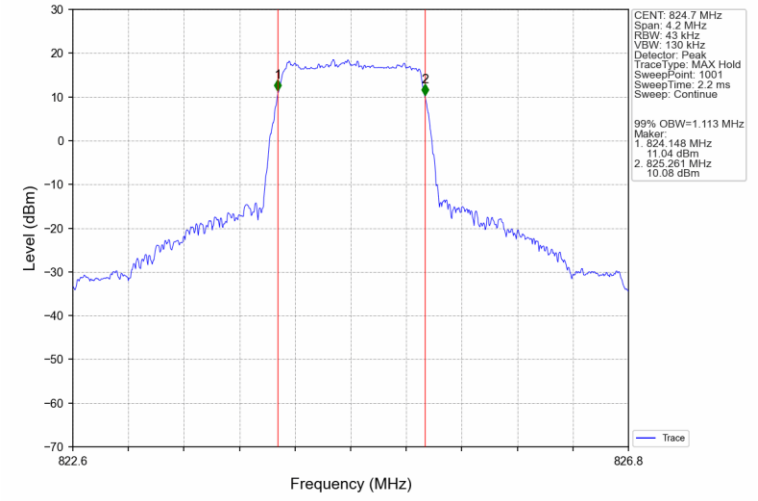
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



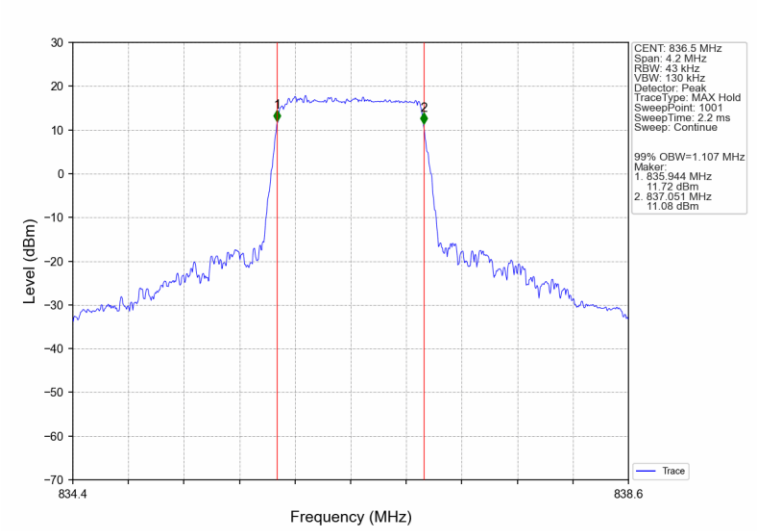
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



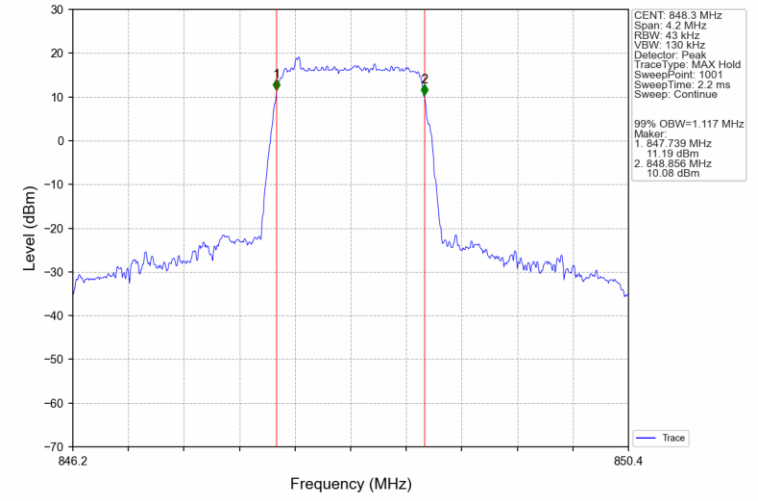
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



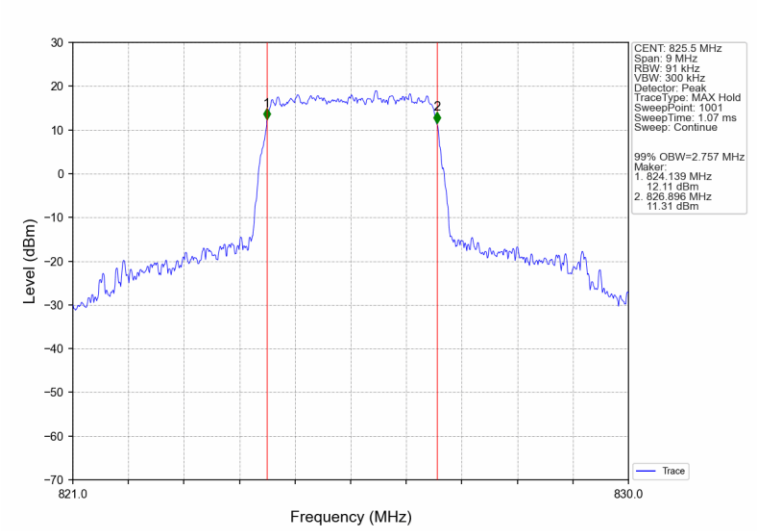
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



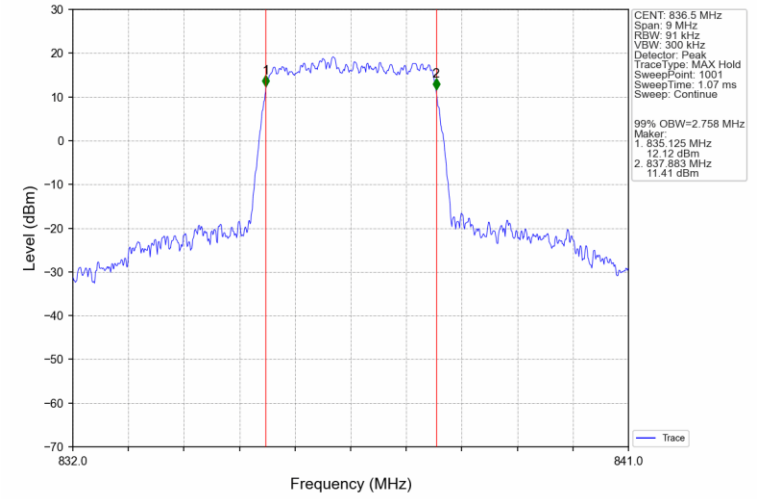
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



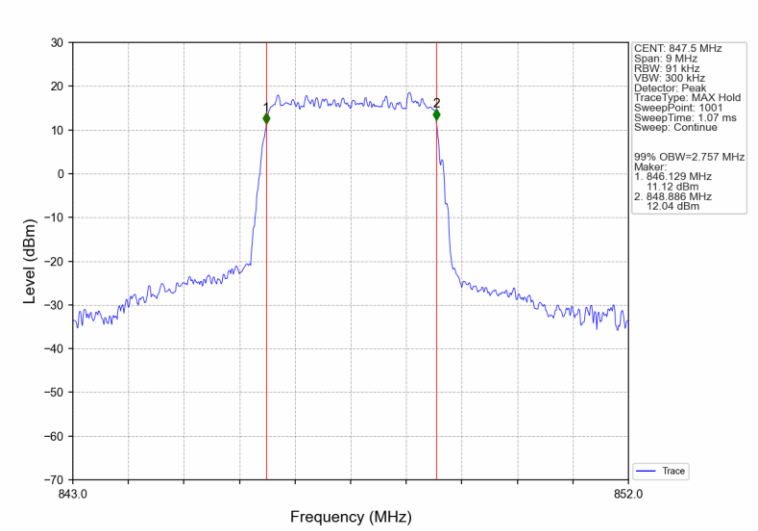
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



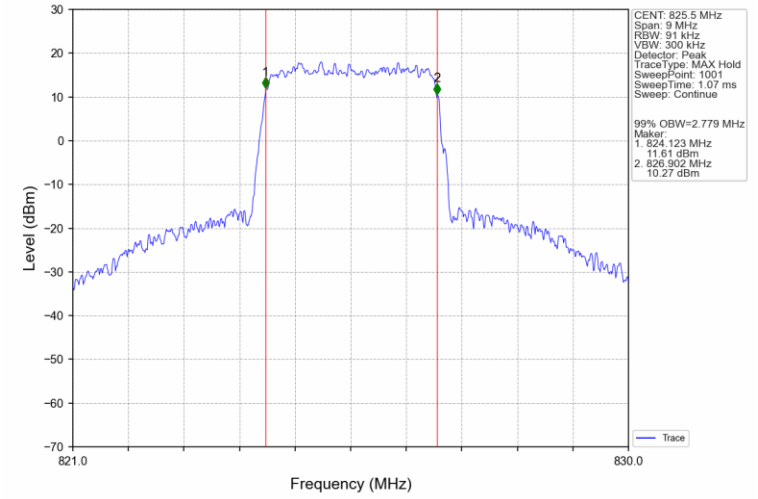
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



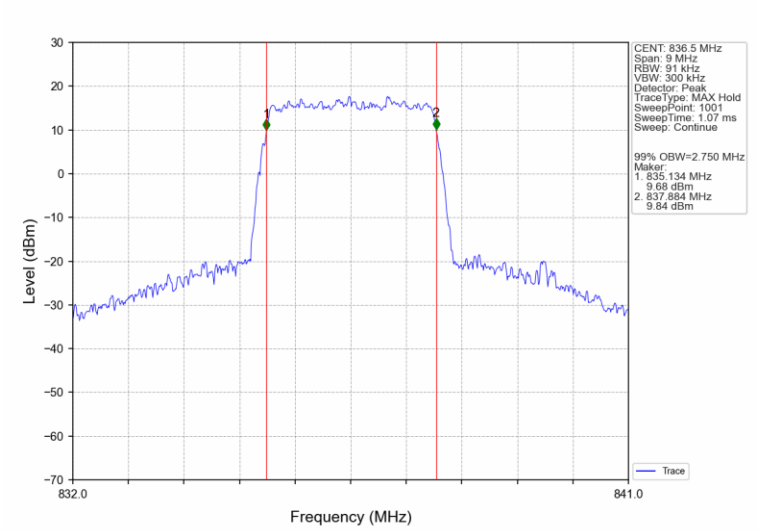
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



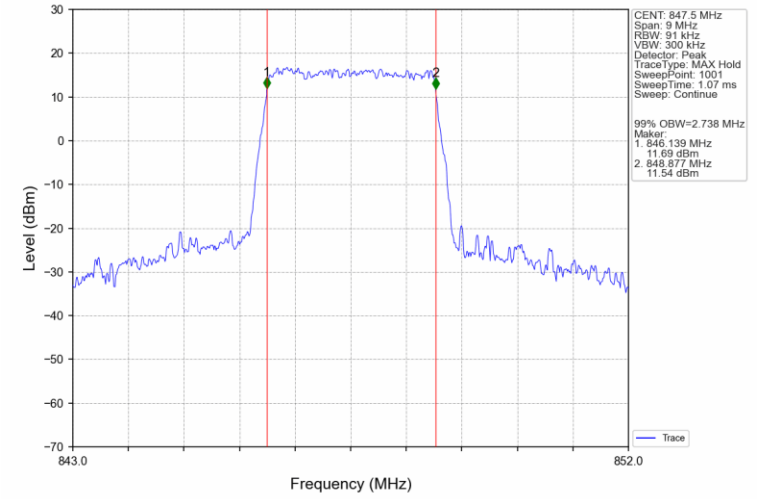
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



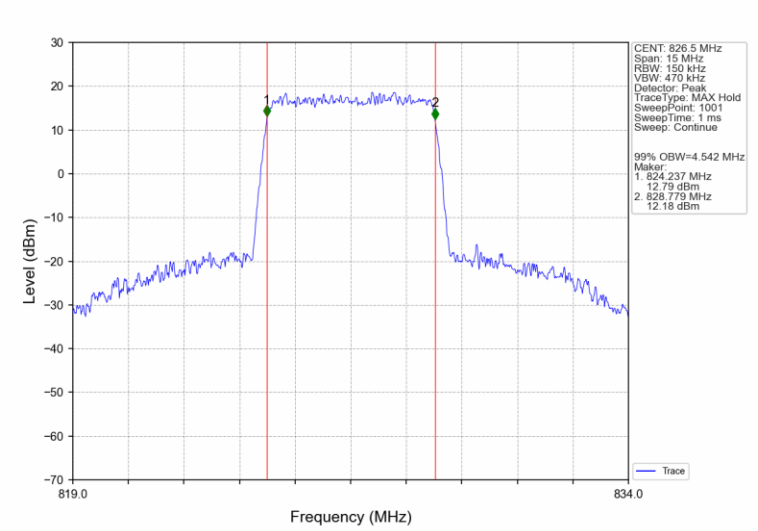
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



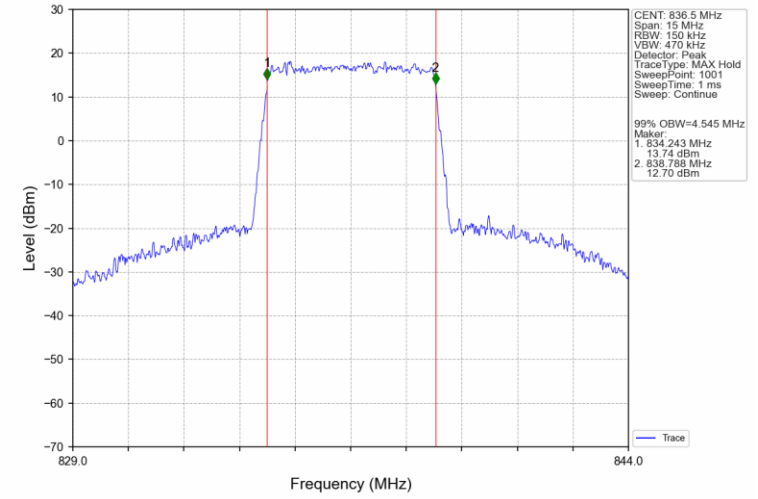
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



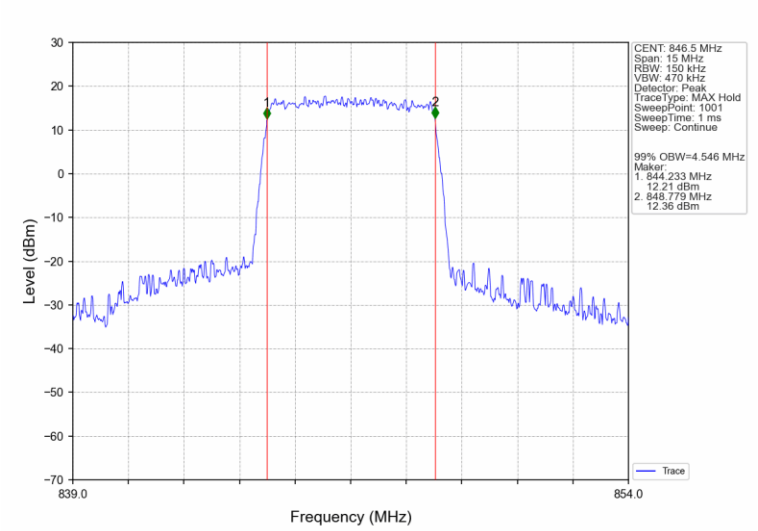
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



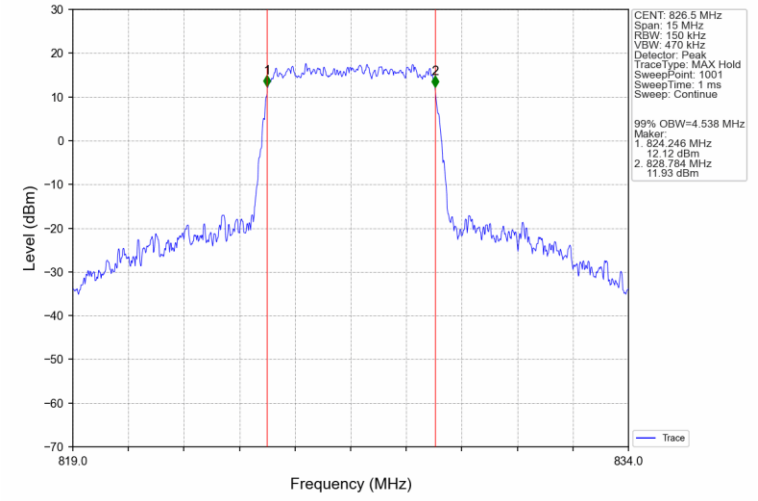
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



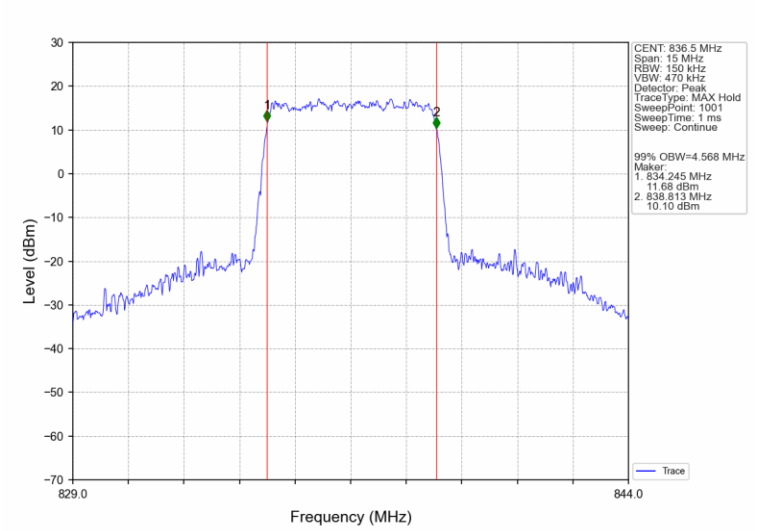
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



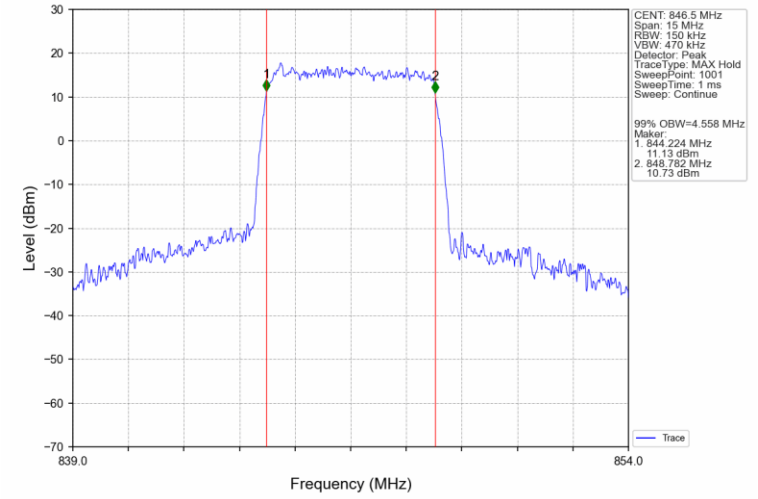
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



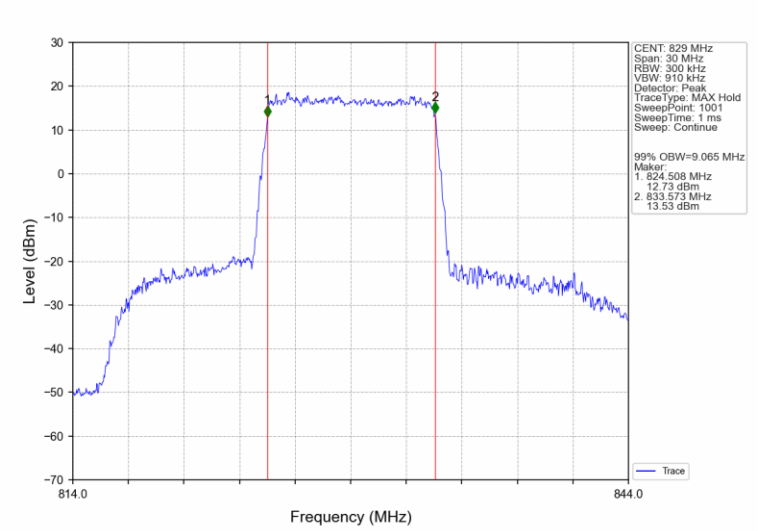
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



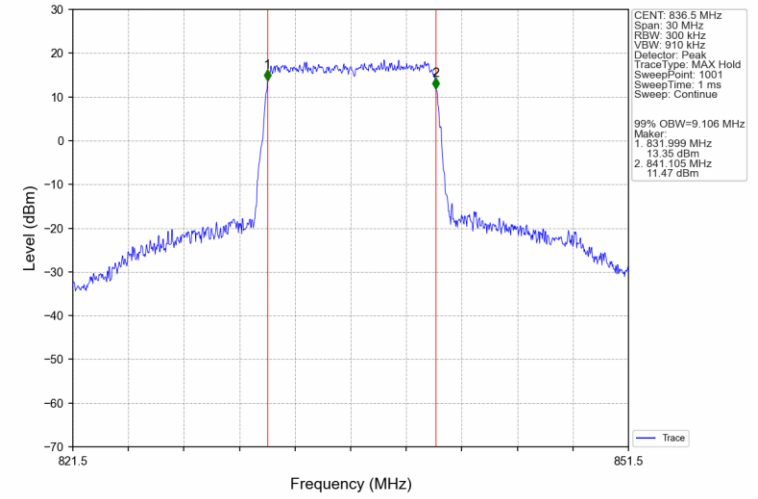
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



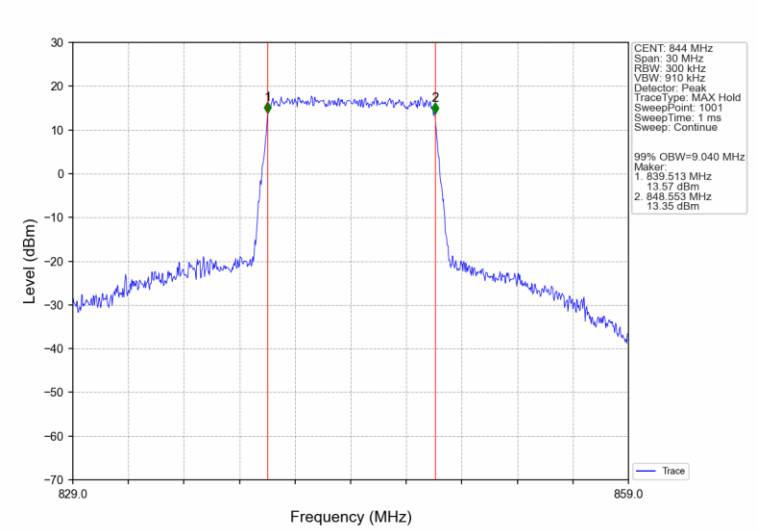
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



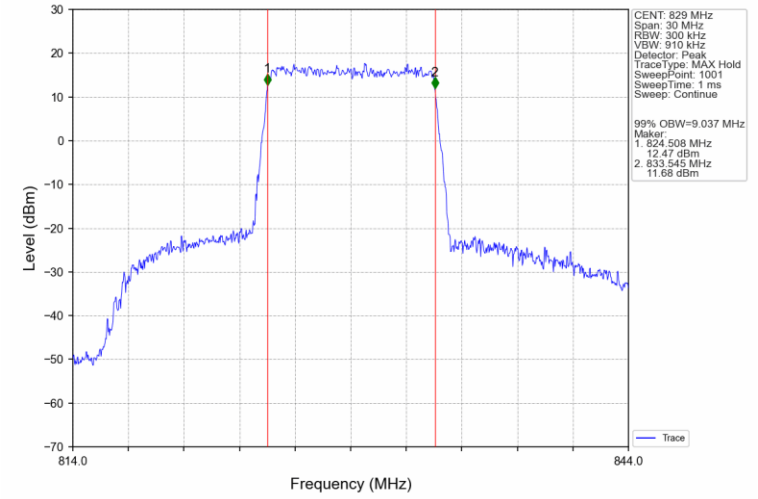
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



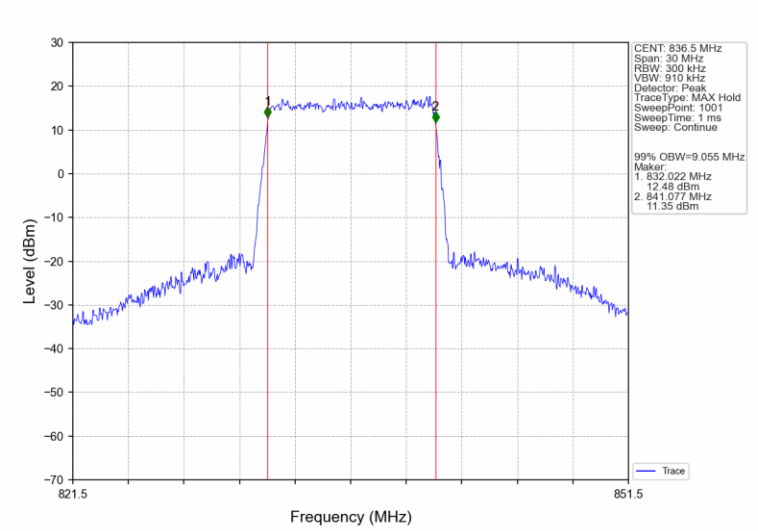
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



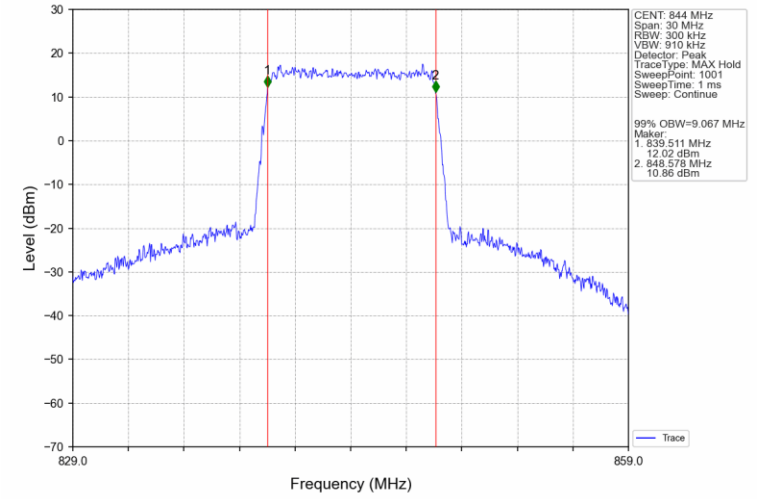
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



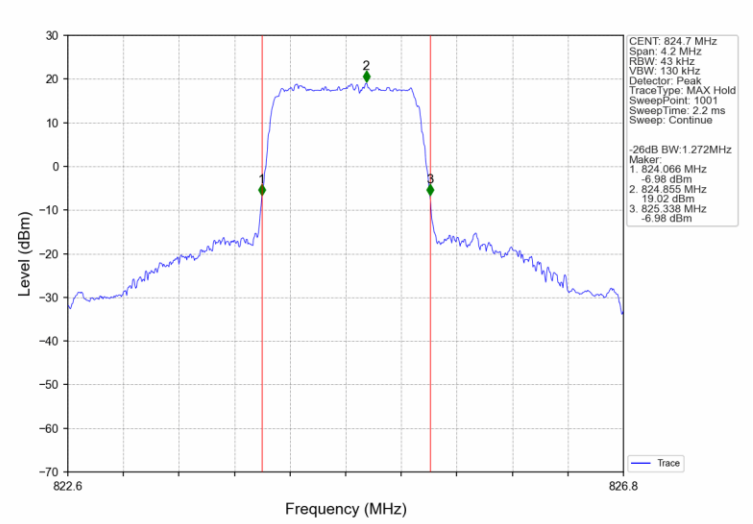
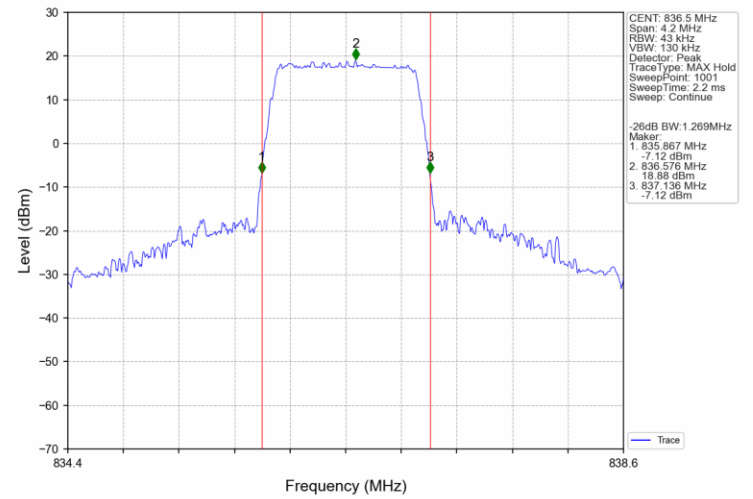
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



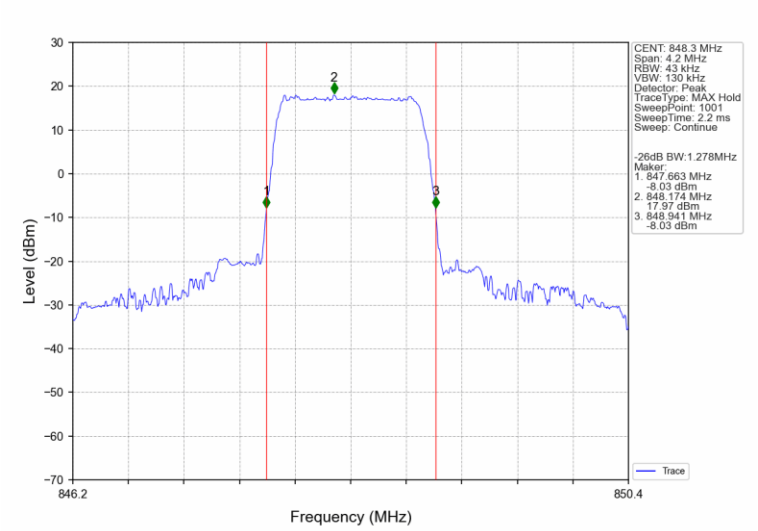
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



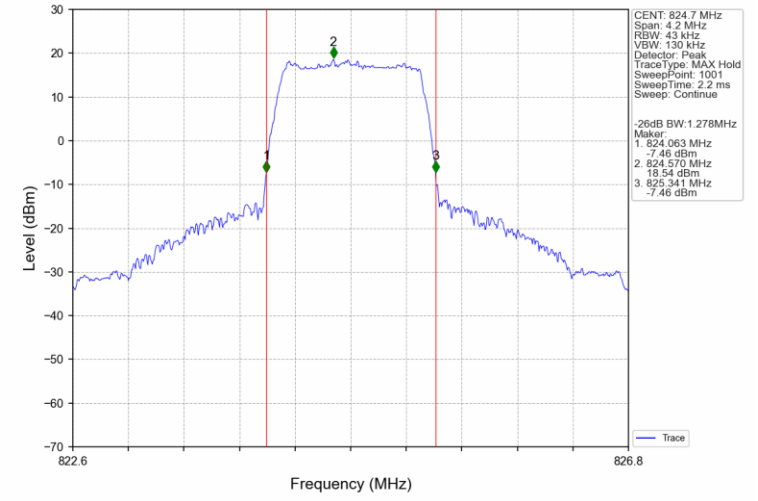
4.2.2 Band5_XDB

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


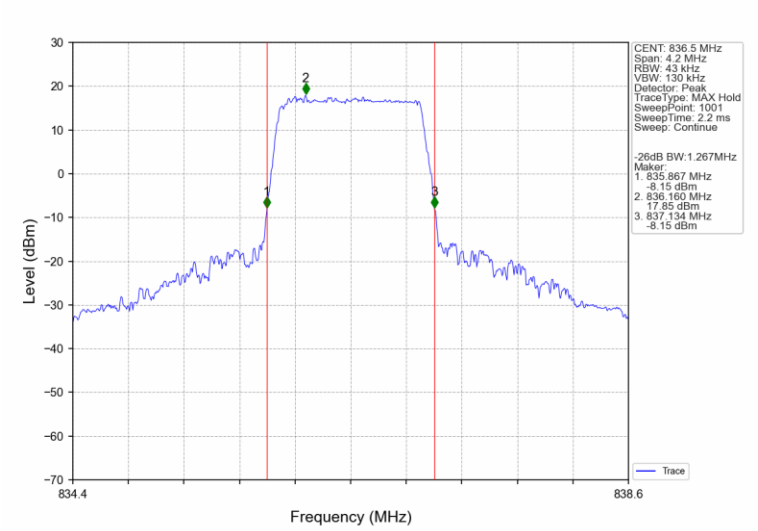
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



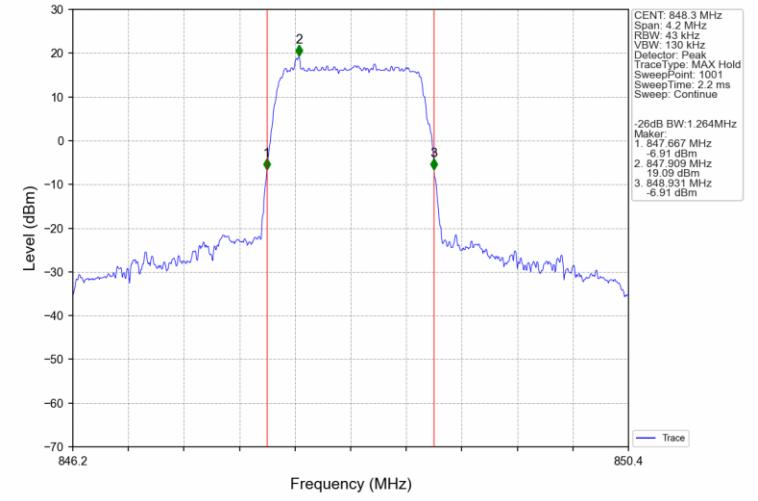
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



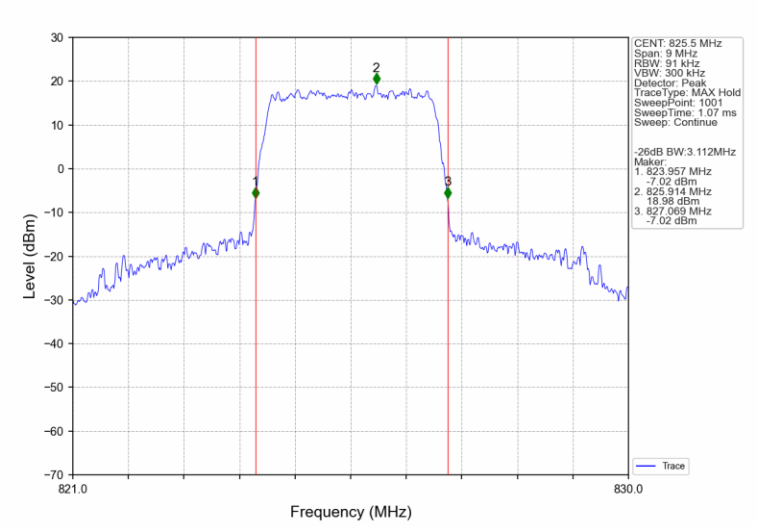
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



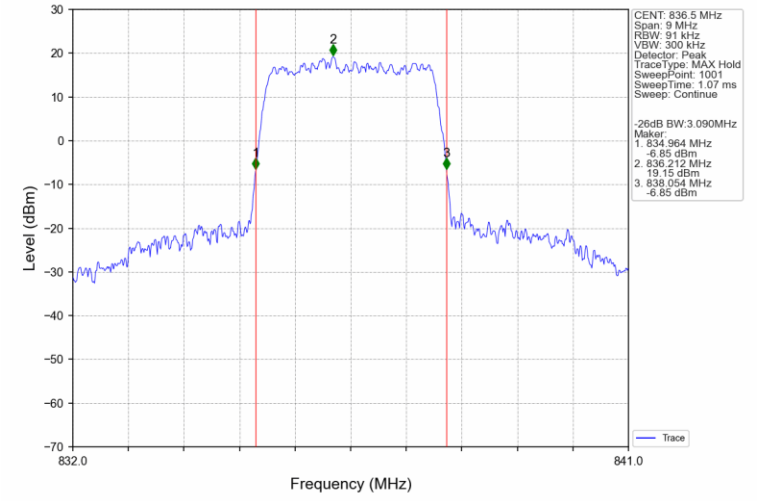
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



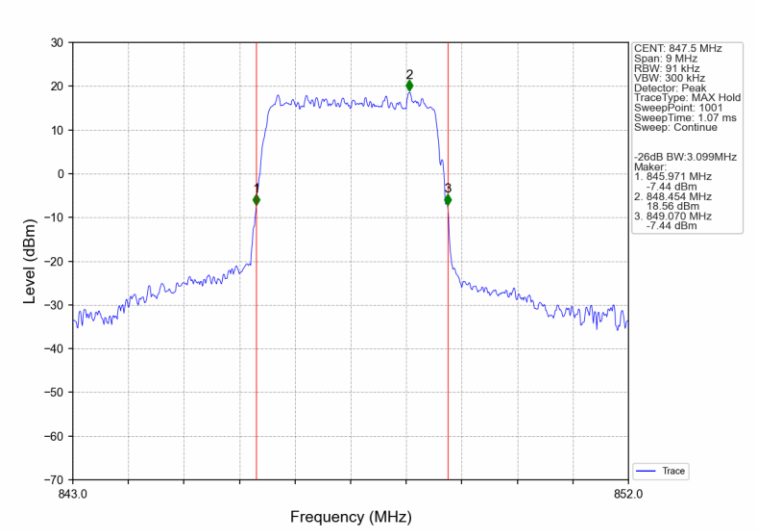
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



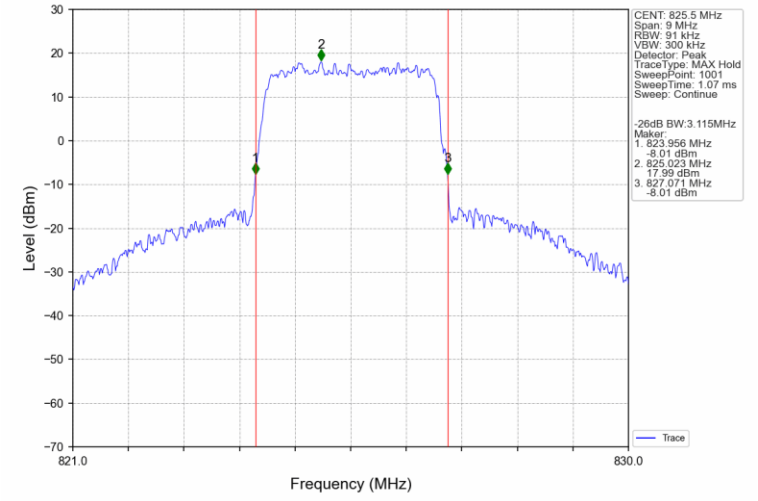
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



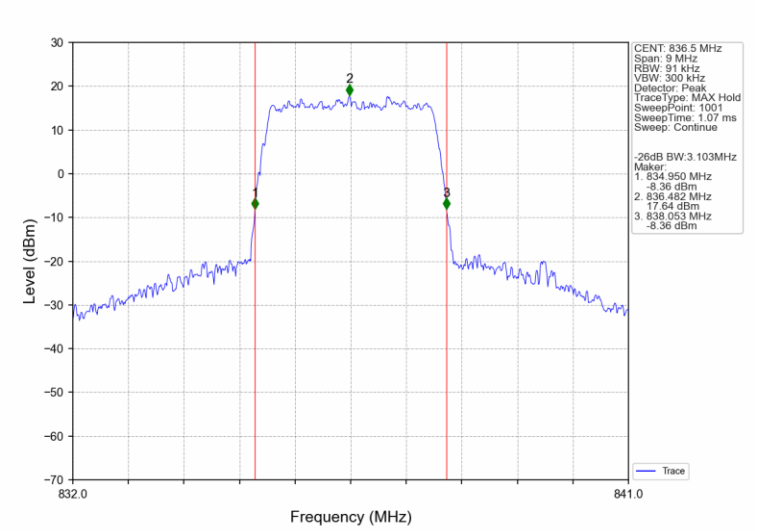
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



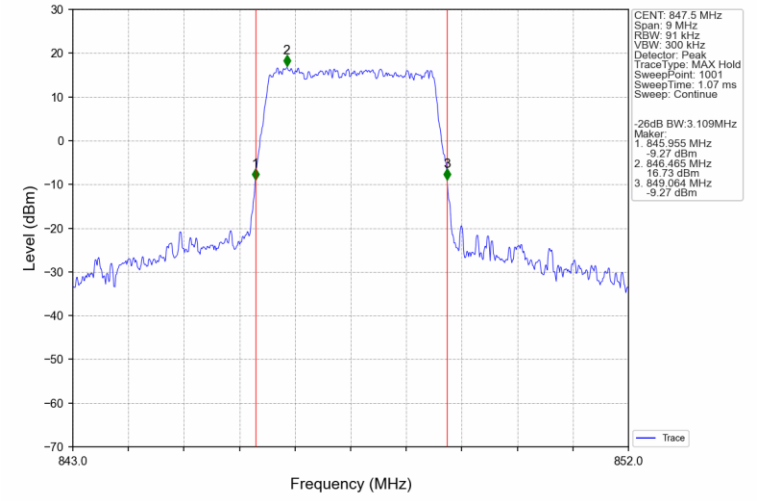
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



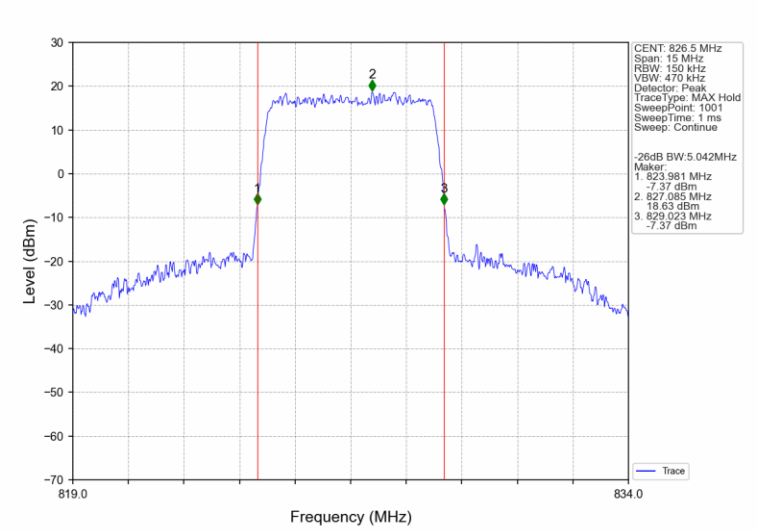
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



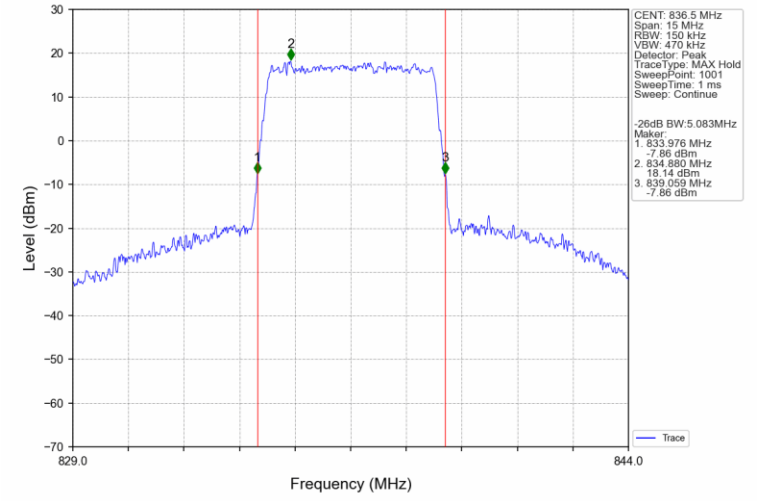
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



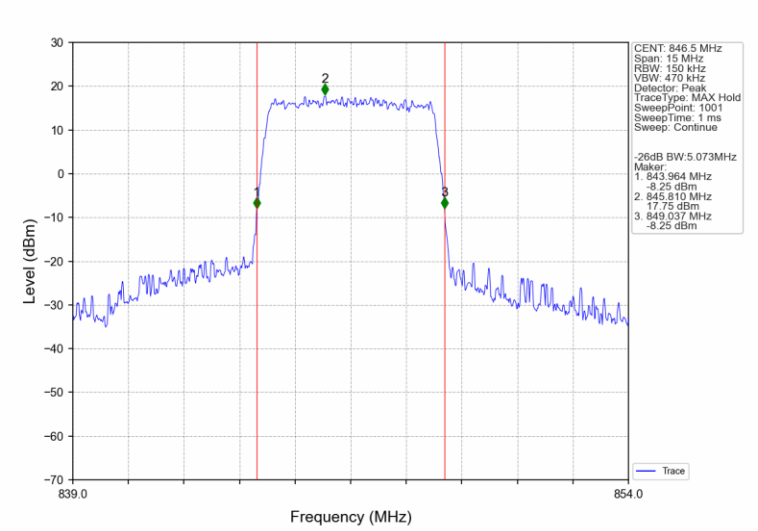
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



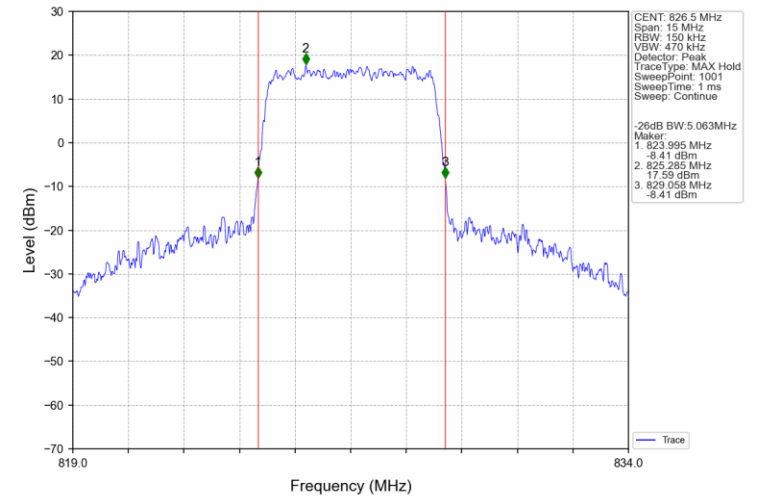
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



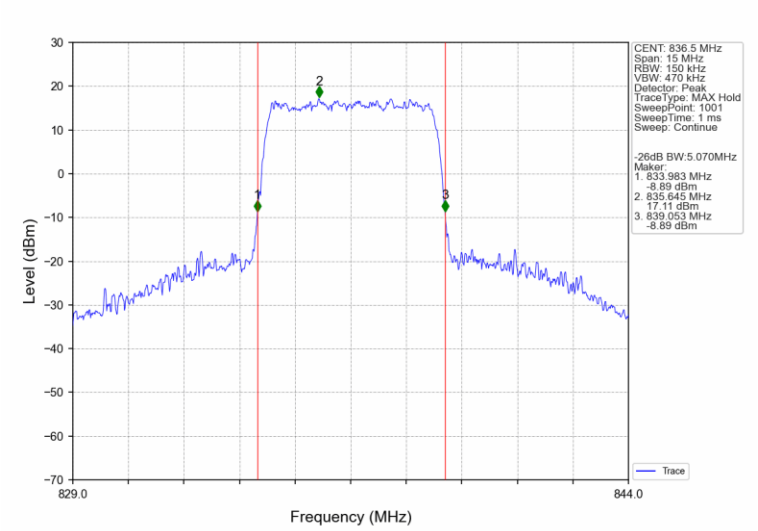
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



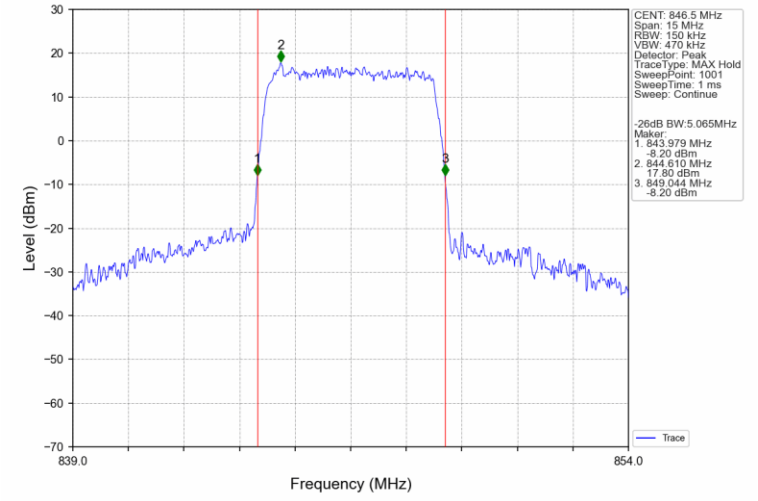
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



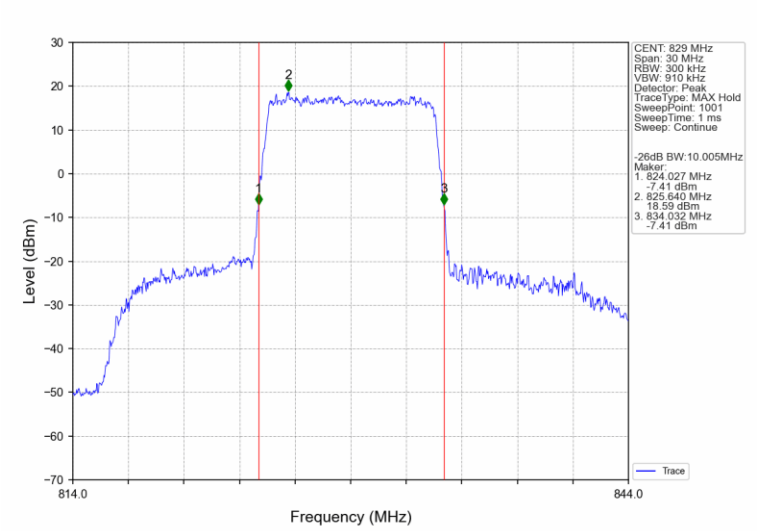
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



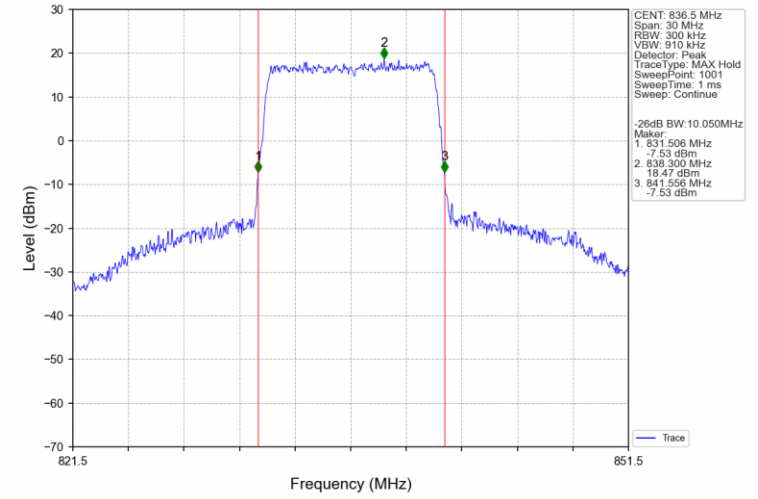
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



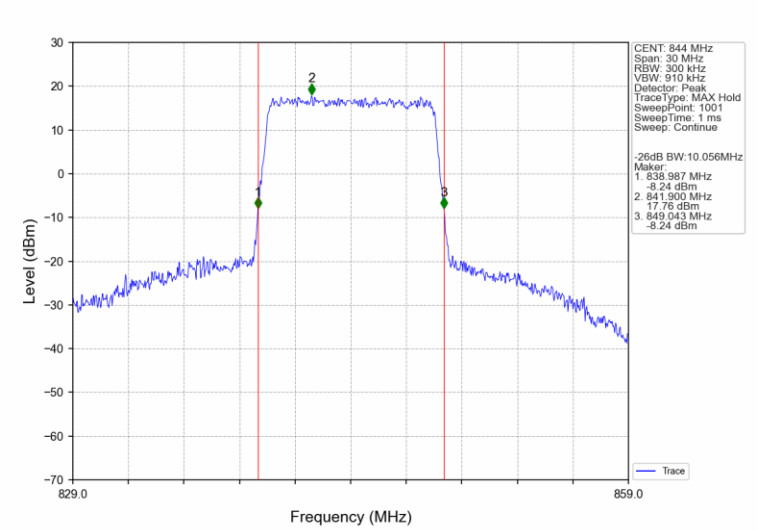
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



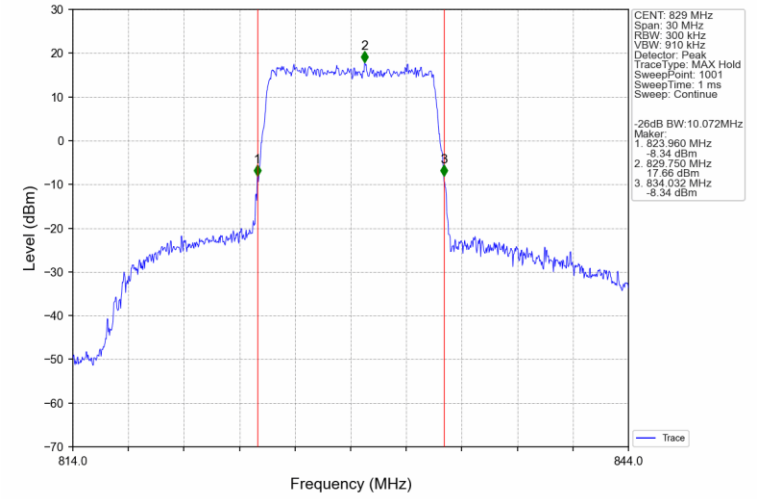
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



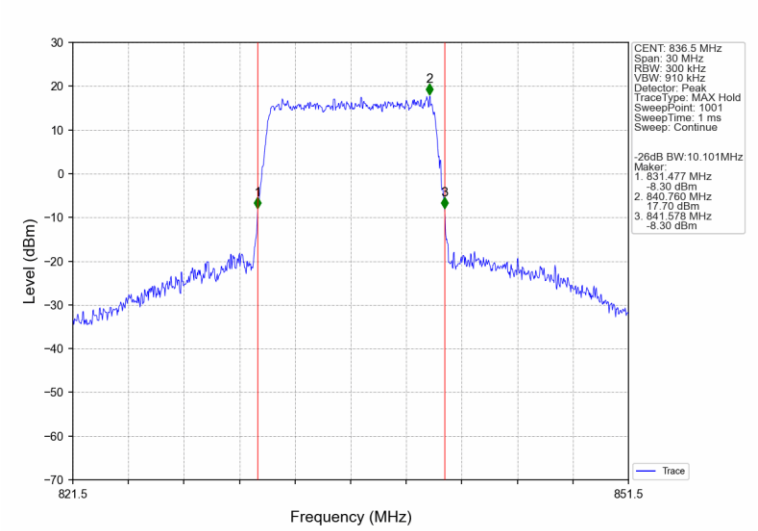
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



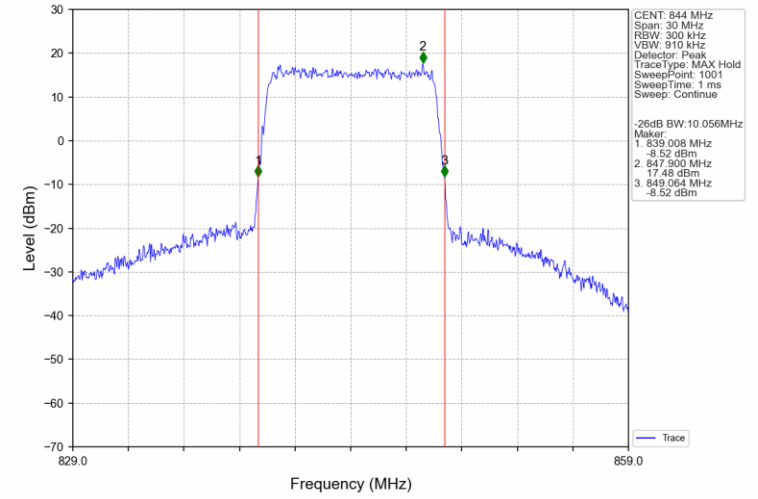
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	4.51	<=13	Pass
	836.5	6	0	4.87	<=13	Pass
	848.3	6	0	5.60	<=13	Pass
16QAM	824.7	6	0	5.32	<=13	Pass
	836.5	6	0	5.78	<=13	Pass
	848.3	6	0	6.34	<=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	4.85	<=13	Pass
	836.5	15	0	5.04	<=13	Pass
	847.5	15	0	5.58	<=13	Pass
16QAM	825.5	15	0	5.67	<=13	Pass
	836.5	15	0	5.91	<=13	Pass
	847.5	15	0	6.44	<=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	5.28	<=13	Pass
	836.5	25	0	5.26	<=13	Pass
	846.5	25	0	5.64	<=13	Pass
16QAM	826.5	25	0	6.00	<=13	Pass
	836.5	25	0	6.02	<=13	Pass
	846.5	25	0	6.38	<=13	Pass

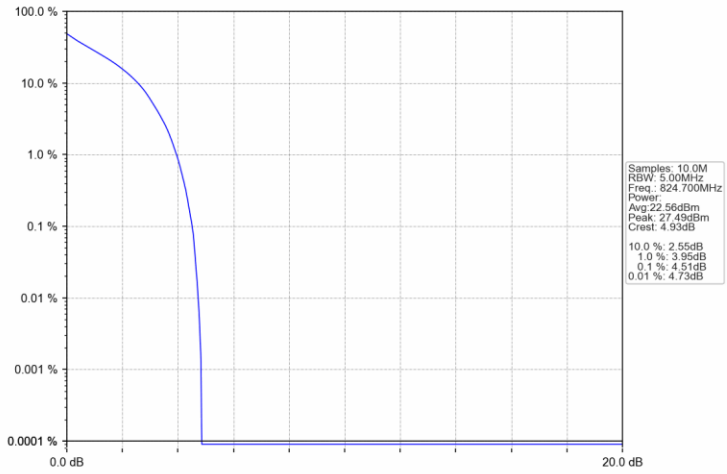
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.50	<=13	Pass
	836.5	50	0	5.36	<=13	Pass
	844	50	0	5.45	<=13	Pass
16QAM	829	50	0	6.24	<=13	Pass
	836.5	50	0	6.13	<=13	Pass
	844	50	0	6.21	<=13	Pass

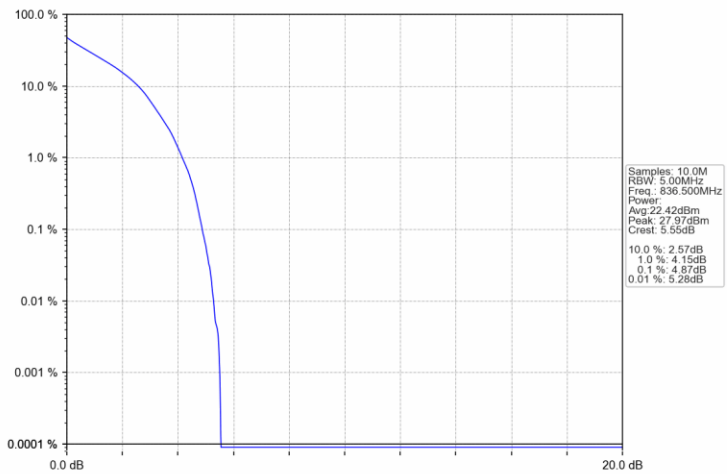
5.2 Test Graph

5.2.1 B5_1.4MHz

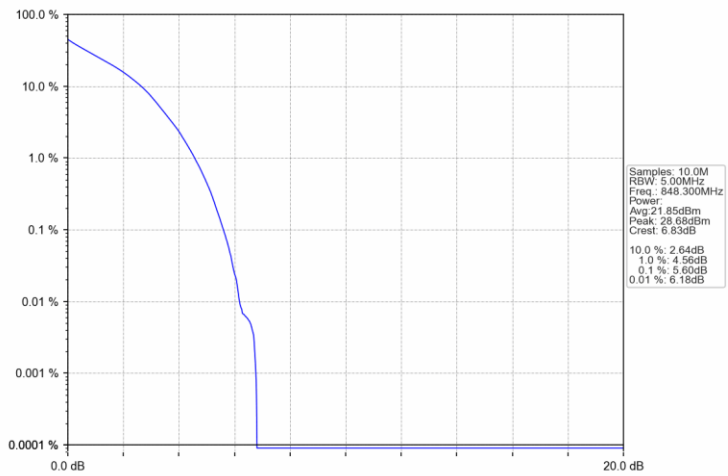
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



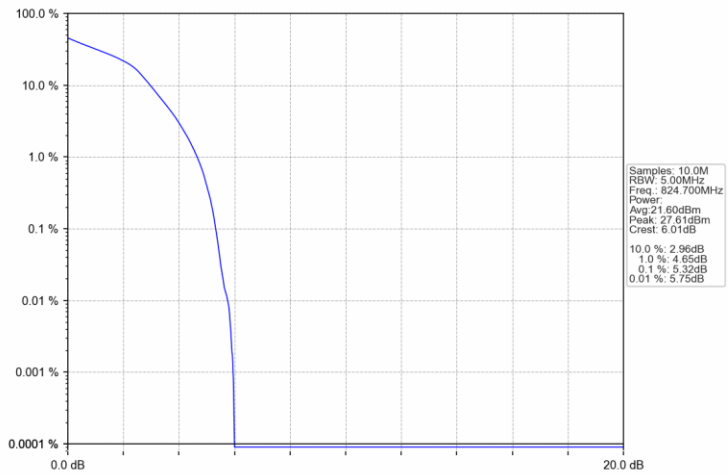
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



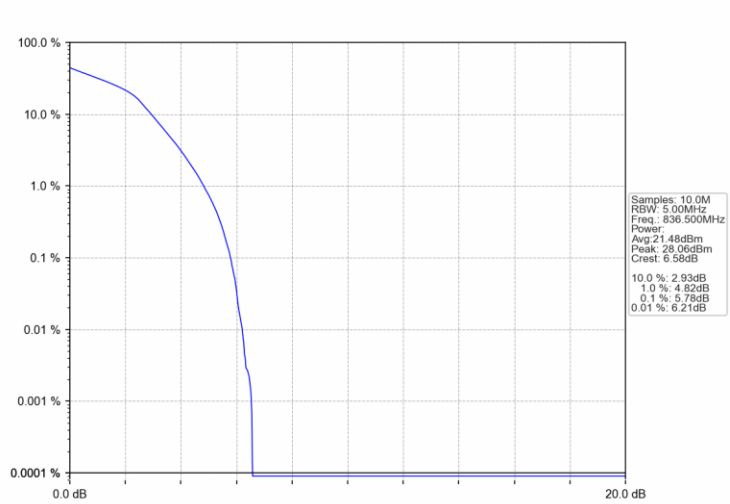
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



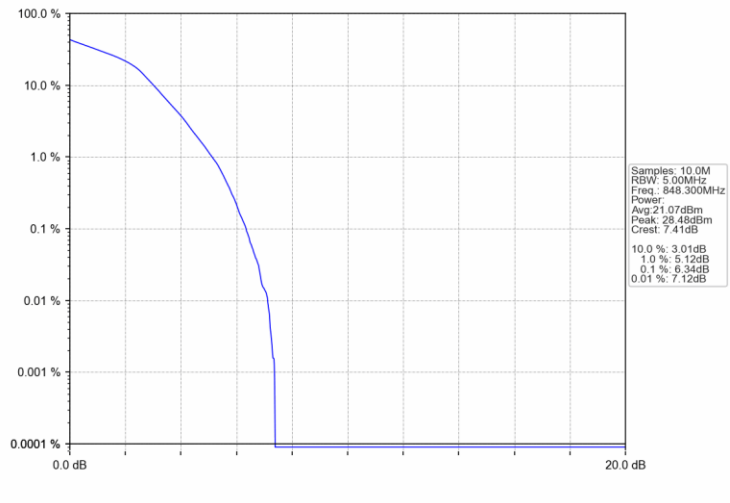
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



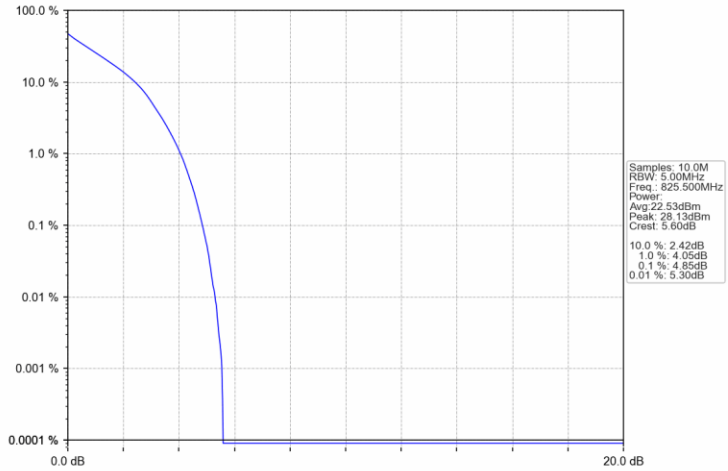
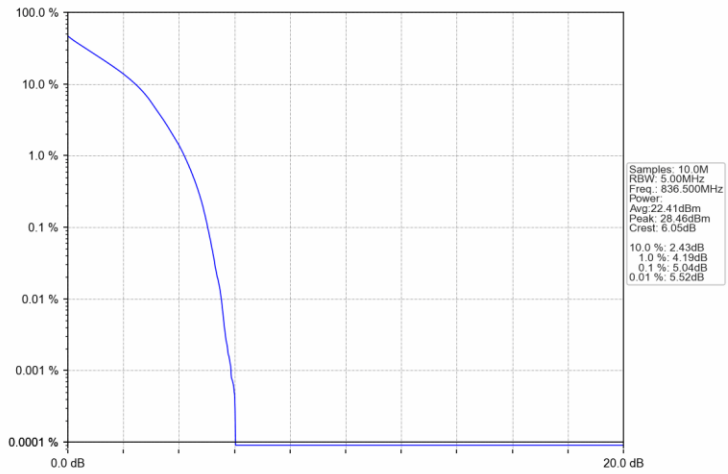
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



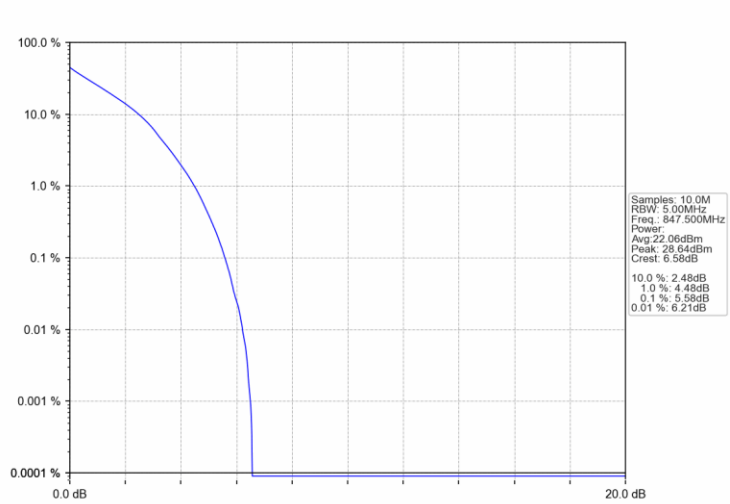
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



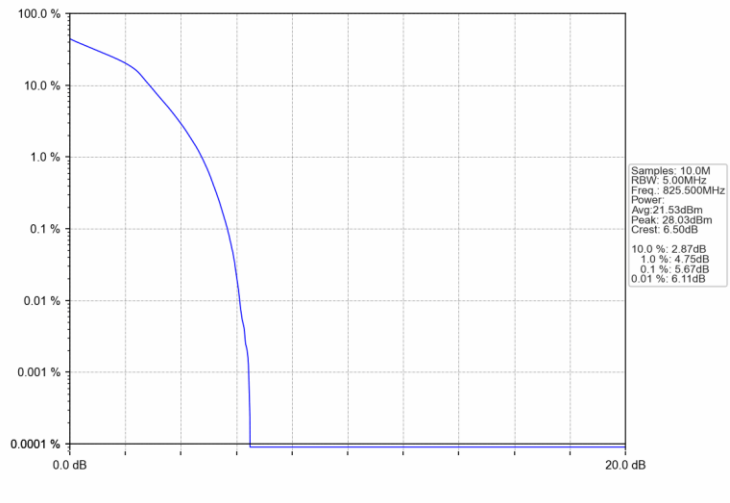
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV


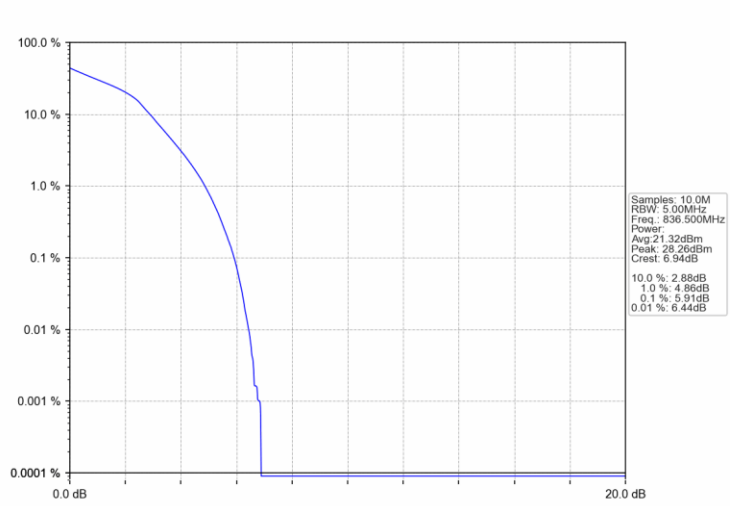
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



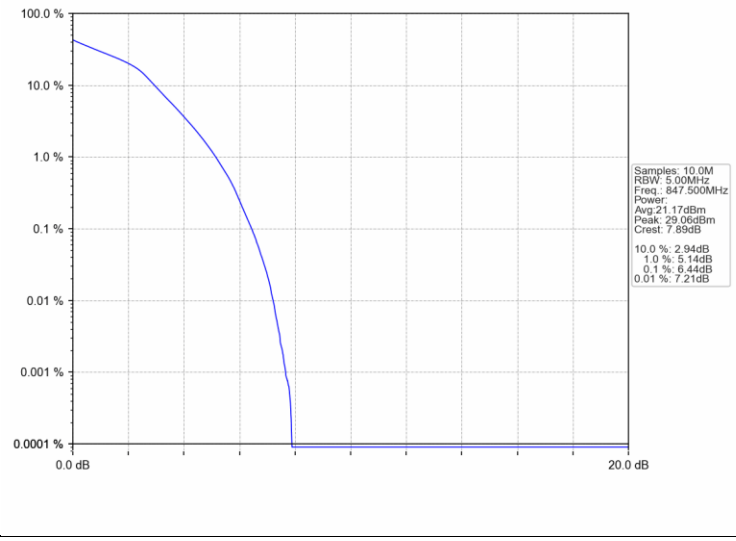
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



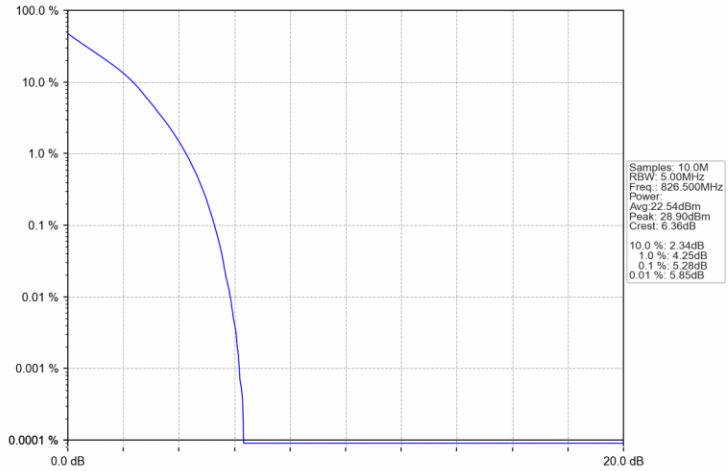
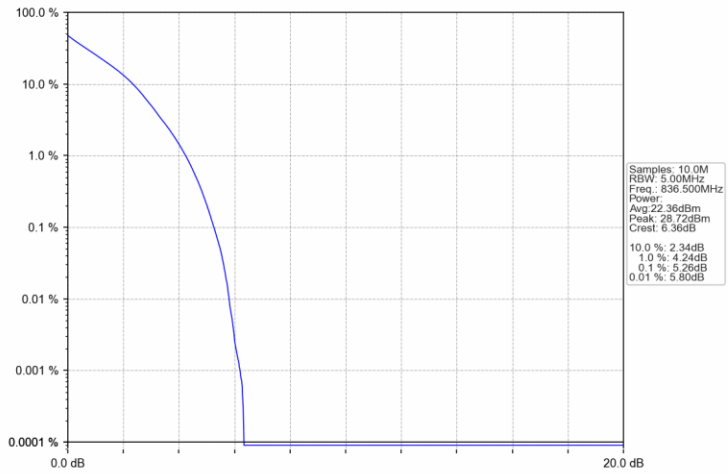
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



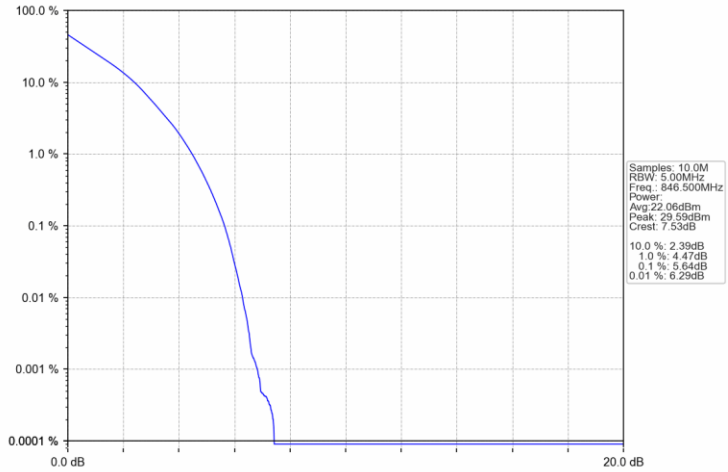
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



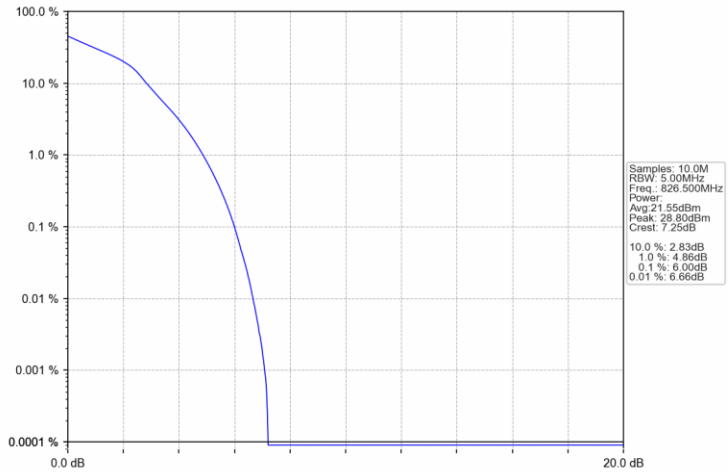
5.2.3 B5_5MHz

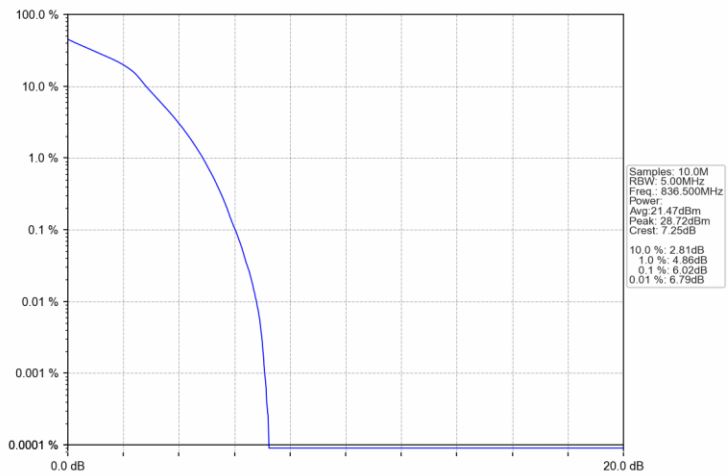
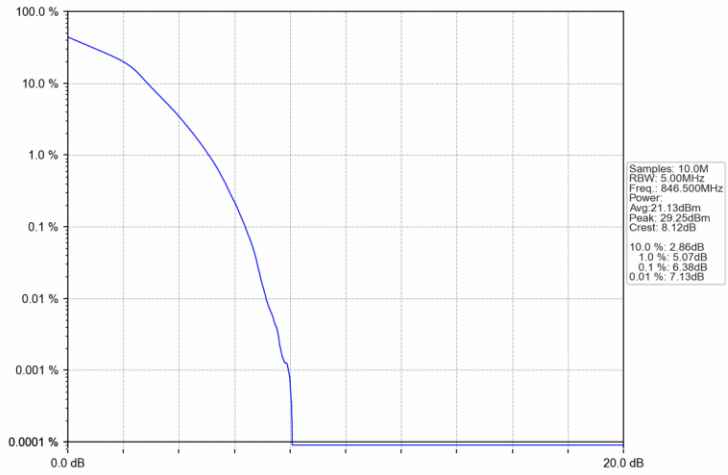
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV


Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

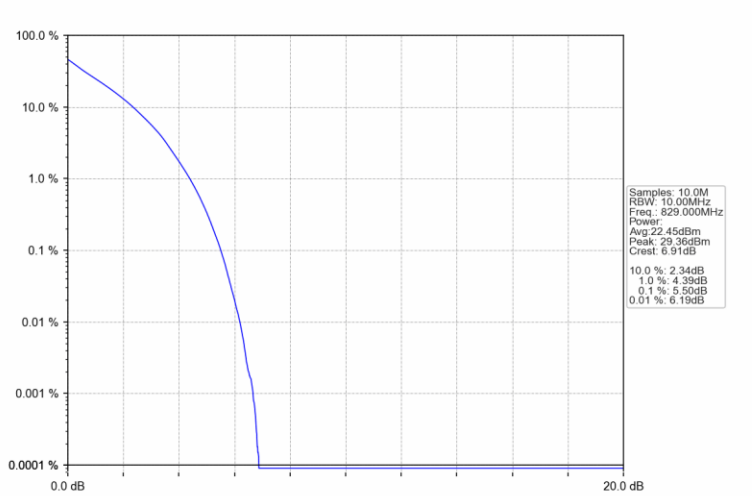
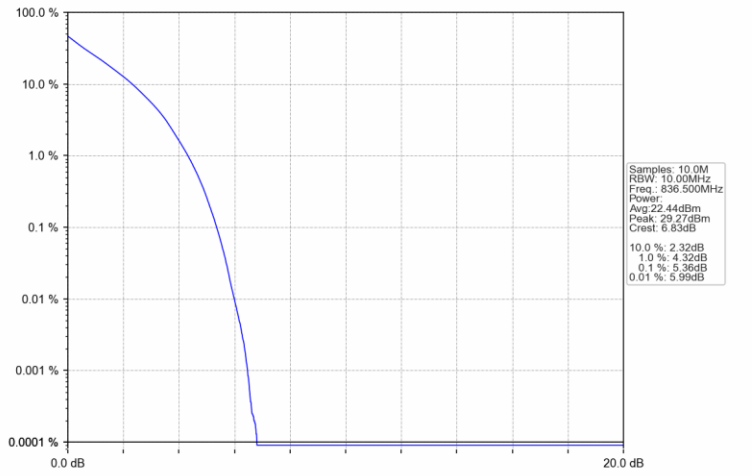


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

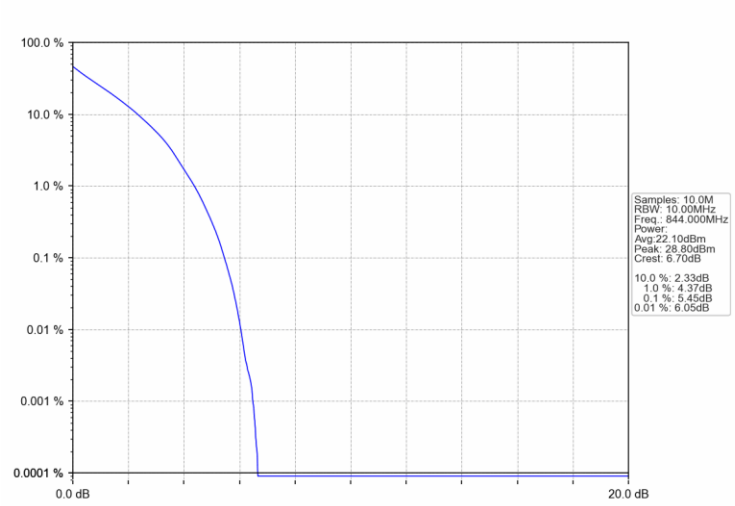


Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV


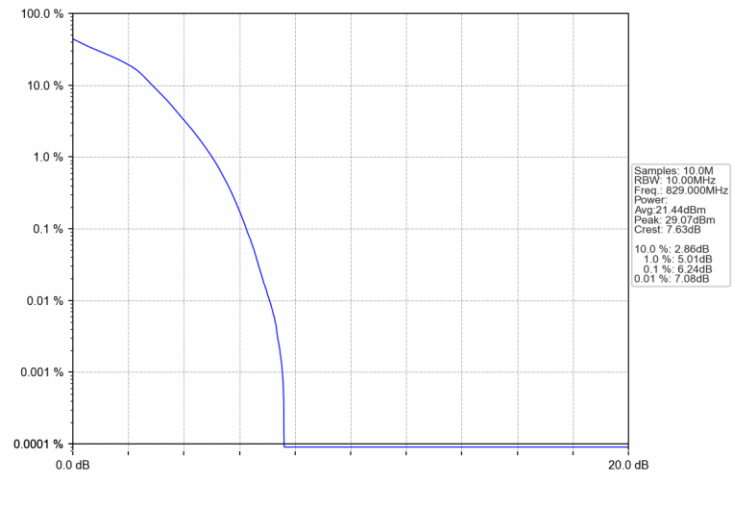
5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV


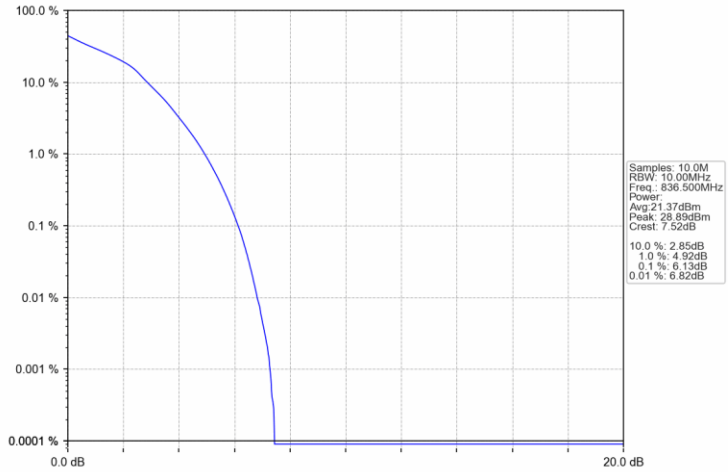
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



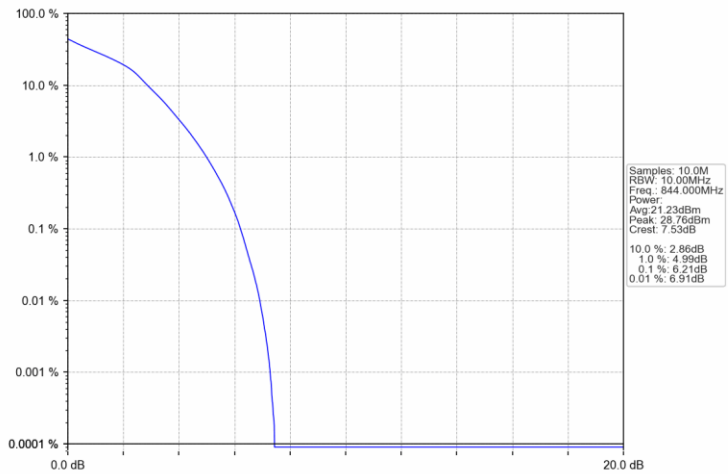
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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 / 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

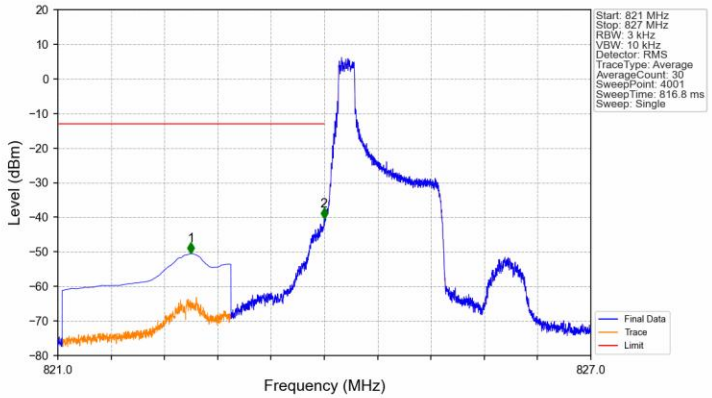
6.1.4 B5_10MHz

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
		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

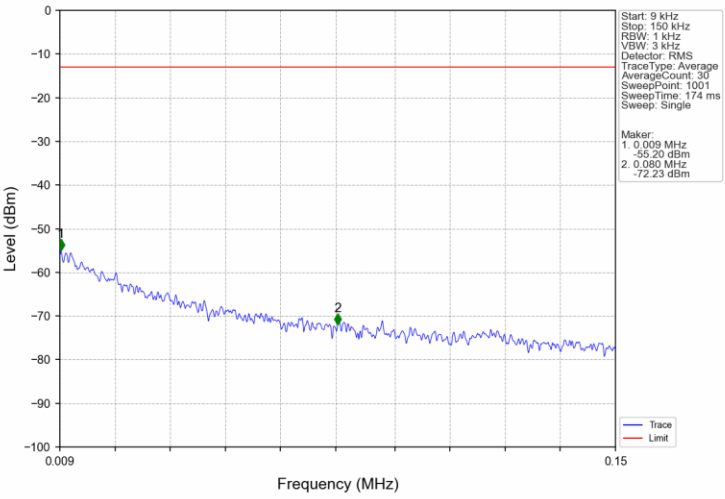
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

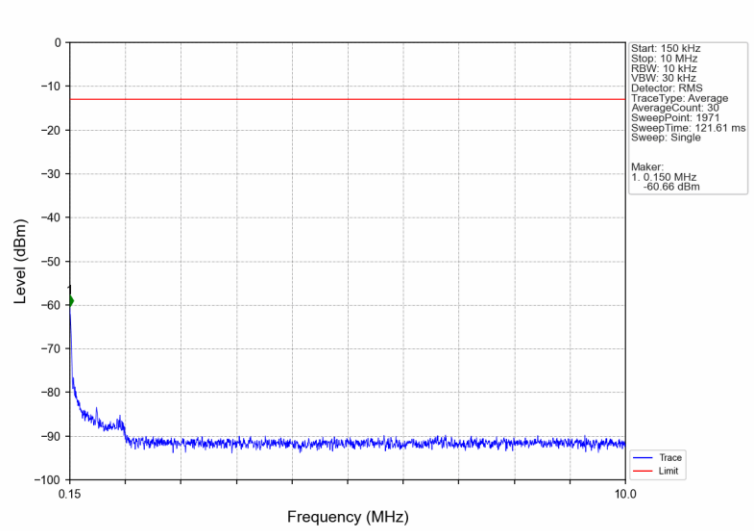


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.499	-50.46	-13	Pass
823	824	0.003	/	2	823.997	-40.44	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV