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	24.38	-2.53	19.70	<=34.77	Pass
			2	24.42	-2.53	19.74	<=34.77	Pass
			5	24.37	-2.53	19.69	<=34.77	Pass
		3	0	24.42	-2.53	19.74	<=34.77	Pass
			2	24.42	-2.53	19.74	<=34.77	Pass
			3	24.44	-2.53	19.76	<=34.77	Pass
		6	0	23.39	-2.53	18.71	<=34.77	Pass
	836.5	1	0	24.42	-2.53	19.74	<=34.77	Pass
			2	24.28	-2.53	19.60	<=34.77	Pass
			5	24.34	-2.53	19.66	<=34.77	Pass
		3	0	24.29	-2.53	19.61	<=34.77	Pass
			2	24.22	-2.53	19.54	<=34.77	Pass
			3	24.19	-2.53	19.51	<=34.77	Pass
		6	0	23.34	-2.53	18.66	<=34.77	Pass
	848.3	1	0	24.18	-2.53	19.50	<=34.77	Pass
			2	24.23	-2.53	19.55	<=34.77	Pass
			5	24.14	-2.53	19.46	<=34.77	Pass
		3	0	24.28	-2.53	19.60	<=34.77	Pass
			2	24.37	-2.53	19.69	<=34.77	Pass
			3	24.33	-2.53	19.65	<=34.77	Pass
		6	0	23.27	-2.53	18.59	<=34.77	Pass
16QAM	824.7	1	0	22.87	-2.53	18.19	<=34.77	Pass
			2	22.95	-2.53	18.27	<=34.77	Pass
			5	22.94	-2.53	18.26	<=34.77	Pass
		3	0	23.21	-2.53	18.53	<=34.77	Pass
			2	23.19	-2.53	18.51	<=34.77	Pass
			3	23.11	-2.53	18.43	<=34.77	Pass
		6	0	22.40	-2.53	17.72	<=34.77	Pass
	836.5	1	0	23.36	-2.53	18.68	<=34.77	Pass
			2	23.32	-2.53	18.64	<=34.77	Pass
			5	23.49	-2.53	18.81	<=34.77	Pass
		3	0	23.29	-2.53	18.61	<=34.77	Pass
			2	23.31	-2.53	18.63	<=34.77	Pass
			3	23.27	-2.53	18.59	<=34.77	Pass
		6	0	22.59	-2.53	17.91	<=34.77	Pass
	848.3	1	0	23.24	-2.53	18.56	<=34.77	Pass
			2	23.30	-2.53	18.62	<=34.77	Pass
			5	23.29	-2.53	18.61	<=34.77	Pass
		3	0	23.00	-2.53	18.32	<=34.77	Pass
			2	23.03	-2.53	18.35	<=34.77	Pass
			3	23.02	-2.53	18.34	<=34.77	Pass
		6	0	22.67	-2.53	17.99	<=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	24.36	-2.53	19.68	<=34.77	Pass
			7	24.36	-2.53	19.68	<=34.77	Pass
			14	24.31	-2.53	19.63	<=34.77	Pass
		8	0	23.36	-2.53	18.68	<=34.77	Pass
			4	23.35	-2.53	18.67	<=34.77	Pass
			7	23.32	-2.53	18.64	<=34.77	Pass
		15	0	23.36	-2.53	18.68	<=34.77	Pass
	836.5	1	0	24.38	-2.53	19.70	<=34.77	Pass
			7	24.26	-2.53	19.58	<=34.77	Pass
			14	24.11	-2.53	19.43	<=34.77	Pass
		8	0	23.34	-2.53	18.66	<=34.77	Pass
			4	23.16	-2.53	18.48	<=34.77	Pass
			7	23.16	-2.53	18.48	<=34.77	Pass
		15	0	23.33	-2.53	18.65	<=34.77	Pass
	847.5	1	0	24.38	-2.53	19.70	<=34.77	Pass
			7	24.28	-2.53	19.60	<=34.77	Pass
			14	24.35	-2.53	19.67	<=34.77	Pass
		8	0	23.28	-2.53	18.60	<=34.77	Pass
			4	23.18	-2.53	18.50	<=34.77	Pass
			7	23.26	-2.53	18.58	<=34.77	Pass
		15	0	23.21	-2.53	18.53	<=34.77	Pass
16QAM	825.5	1	0	23.45	-2.53	18.77	<=34.77	Pass
			7	23.42	-2.53	18.74	<=34.77	Pass
			14	23.41	-2.53	18.73	<=34.77	Pass
		8	0	22.60	-2.53	17.92	<=34.77	Pass
			4	22.60	-2.53	17.92	<=34.77	Pass
			7	23.19	-2.53	18.51	<=34.77	Pass
		15	0	22.47	-2.53	17.79	<=34.77	Pass
	836.5	1	0	22.79	-2.53	18.11	<=34.77	Pass
			7	22.81	-2.53	18.13	<=34.77	Pass
			14	22.76	-2.53	18.08	<=34.77	Pass
		8	0	23.05	-2.53	18.37	<=34.77	Pass
			4	22.48	-2.53	17.80	<=34.77	Pass
			7	22.48	-2.53	17.80	<=34.77	Pass
		15	0	22.43	-2.53	17.75	<=34.77	Pass
	847.5	1	0	23.69	-2.53	19.01	<=34.77	Pass
			7	23.64	-2.53	18.96	<=34.77	Pass
			14	23.56	-2.53	18.88	<=34.77	Pass
		8	0	22.23	-2.53	17.55	<=34.77	Pass
			4	22.31	-2.53	17.63	<=34.77	Pass
			7	22.76	-2.53	18.08	<=34.77	Pass
		15	0	22.23	-2.53	17.55	<=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	24.27	-2.53	19.59	<=34.77	Pass
			13	24.30	-2.53	19.62	<=34.77	Pass
			24	24.31	-2.53	19.63	<=34.77	Pass
		12	0	23.39	-2.53	18.71	<=34.77	Pass
			6	23.36	-2.53	18.68	<=34.77	Pass
			13	23.36	-2.53	18.68	<=34.77	Pass
		25	0	23.29	-2.53	18.61	<=34.77	Pass
	836.5	1	0	24.30	-2.53	19.62	<=34.77	Pass
			13	24.06	-2.53	19.38	<=34.77	Pass
			24	24.11	-2.53	19.43	<=34.77	Pass
		12	0	23.31	-2.53	18.63	<=34.77	Pass
			6	23.10	-2.53	18.42	<=34.77	Pass
			13	23.15	-2.53	18.47	<=34.77	Pass
		25	0	23.26	-2.53	18.58	<=34.77	Pass
	846.5	1	0	24.15	-2.53	19.47	<=34.77	Pass
			13	24.13	-2.53	19.45	<=34.77	Pass
			24	24.13	-2.53	19.45	<=34.77	Pass
		12	0	23.23	-2.53	18.55	<=34.77	Pass
			6	23.24	-2.53	18.56	<=34.77	Pass
			13	23.27	-2.53	18.59	<=34.77	Pass
		25	0	23.20	-2.53	18.52	<=34.77	Pass
16QAM	826.5	1	0	22.55	-2.53	17.87	<=34.77	Pass
			13	22.47	-2.53	17.79	<=34.77	Pass
			24	22.45	-2.53	17.77	<=34.77	Pass
		12	0	22.30	-2.53	17.62	<=34.77	Pass
			6	22.84	-2.53	18.16	<=34.77	Pass
			13	22.85	-2.53	18.17	<=34.77	Pass
		25	0	22.94	-2.53	18.26	<=34.77	Pass
	836.5	1	0	23.24	-2.53	18.56	<=34.77	Pass
			13	23.14	-2.53	18.46	<=34.77	Pass
			24	23.24	-2.53	18.56	<=34.77	Pass
		12	0	22.78	-2.53	18.10	<=34.77	Pass
			6	22.17	-2.53	17.49	<=34.77	Pass
			13	22.23	-2.53	17.55	<=34.77	Pass
		25	0	22.33	-2.53	17.65	<=34.77	Pass
	846.5	1	0	23.31	-2.53	18.63	<=34.77	Pass
			13	23.36	-2.53	18.68	<=34.77	Pass
			24	23.32	-2.53	18.64	<=34.77	Pass
		12	0	22.28	-2.53	17.60	<=34.77	Pass
			6	22.31	-2.53	17.63	<=34.77	Pass
			13	22.22	-2.53	17.54	<=34.77	Pass
		25	0	22.30	-2.53	17.62	<=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	24.40	-2.53	19.72	<=34.77	Pass
			25	24.38	-2.53	19.70	<=34.77	Pass
			49	24.31	-2.53	19.63	<=34.77	Pass
		25	0	23.28	-2.53	18.60	<=34.77	Pass
			13	23.40	-2.53	18.72	<=34.77	Pass
			25	23.76	-2.53	19.08	<=34.77	Pass
		50	0	23.36	-2.53	18.68	<=34.77	Pass
	836.5	1	0	24.16	-2.53	19.48	<=34.77	Pass
			25	23.99	-2.53	19.31	<=34.77	Pass
			49	24.23	-2.53	19.55	<=34.77	Pass
		25	0	23.22	-2.53	18.54	<=34.77	Pass
			13	23.21	-2.53	18.53	<=34.77	Pass
			25	23.23	-2.53	18.55	<=34.77	Pass
		50	0	23.23	-2.53	18.55	<=34.77	Pass
	844	1	0	24.30	-2.53	19.62	<=34.77	Pass
			25	24.31	-2.53	19.63	<=34.77	Pass
			49	24.34	-2.53	19.66	<=34.77	Pass
		25	0	23.34	-2.53	18.66	<=34.77	Pass
			13	23.27	-2.53	18.59	<=34.77	Pass
			25	23.32	-2.53	18.64	<=34.77	Pass
		50	0	23.14	-2.53	18.46	<=34.77	Pass
16QAM	829	1	0	23.84	-2.53	19.16	<=34.77	Pass
			25	23.81	-2.53	19.13	<=34.77	Pass
			49	23.65	-2.53	18.97	<=34.77	Pass
		25	0	22.93	-2.53	18.25	<=34.77	Pass
			13	22.34	-2.53	17.66	<=34.77	Pass
			25	22.75	-2.53	18.07	<=34.77	Pass
		50	0	22.37	-2.53	17.69	<=34.77	Pass
	836.5	1	0	23.44	-2.53	18.76	<=34.77	Pass
			25	22.93	-2.53	18.25	<=34.77	Pass
			49	23.09	-2.53	18.41	<=34.77	Pass
		25	0	22.92	-2.53	18.24	<=34.77	Pass
			13	22.44	-2.53	17.76	<=34.77	Pass
			25	22.87	-2.53	18.19	<=34.77	Pass
		50	0	22.24	-2.53	17.56	<=34.77	Pass
	844	1	0	23.43	-2.53	18.75	<=34.77	Pass
			25	23.39	-2.53	18.71	<=34.77	Pass
			49	23.43	-2.53	18.75	<=34.77	Pass
		25	0	22.44	-2.53	17.76	<=34.77	Pass
			13	22.87	-2.53	18.19	<=34.77	Pass
			25	22.35	-2.53	17.67	<=34.77	Pass
		50	0	22.79	-2.53	18.11	<=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	3.23	-25.020	-0.0303	-2.5 to 2.5	Pass
					3.80	-25.392	-0.0308	-2.5 to 2.5	Pass
					4.37	-35.448	-0.0430	-2.5 to 2.5	Pass
				-30	3.80	-13.576	-0.0165	-2.5 to 2.5	Pass
				-20	3.80	-18.768	-0.0228	-2.5 to 2.5	Pass
				-10	3.80	-8.383	-0.0102	-2.5 to 2.5	Pass
				0	3.80	-40.641	-0.0493	-2.5 to 2.5	Pass
				10	3.80	-26.464	-0.0321	-2.5 to 2.5	Pass
				30	3.80	1.802	0.0022	-2.5 to 2.5	Pass
				40	3.80	-17.953	-0.0218	-2.5 to 2.5	Pass
				50	3.80	-34.032	-0.0413	-2.5 to 2.5	Pass
	836.5	6	0	20	3.23	10.743	0.0128	-2.5 to 2.5	Pass
					3.80	3.562	0.0043	-2.5 to 2.5	Pass
					4.37	-3.433	-0.0041	-2.5 to 2.5	Pass
				-30	3.80	-8.783	-0.0105	-2.5 to 2.5	Pass
				-20	3.80	-12.918	-0.0154	-2.5 to 2.5	Pass
				-10	3.80	-17.281	-0.0207	-2.5 to 2.5	Pass
				0	3.80	-18.868	-0.0226	-2.5 to 2.5	Pass
				10	3.80	-22.860	-0.0273	-2.5 to 2.5	Pass
				30	3.80	-23.732	-0.0284	-2.5 to 2.5	Pass
				40	3.80	-26.493	-0.0317	-2.5 to 2.5	Pass
				50	3.80	-28.710	-0.0343	-2.5 to 2.5	Pass
	848.3	6	0	20	3.23	28.510	0.0336	-2.5 to 2.5	Pass
					3.80	-23.746	-0.0280	-2.5 to 2.5	Pass
					4.37	-13.504	-0.0159	-2.5 to 2.5	Pass
				-30	3.80	-40.555	-0.0478	-2.5 to 2.5	Pass
				-20	3.80	-13.947	-0.0164	-2.5 to 2.5	Pass
				-10	3.80	-32.086	-0.0378	-2.5 to 2.5	Pass
				0	3.80	-47.622	-0.0561	-2.5 to 2.5	Pass
				10	3.80	-13.275	-0.0156	-2.5 to 2.5	Pass
				30	3.80	-23.632	-0.0279	-2.5 to 2.5	Pass
				40	3.80	-32.930	-0.0388	-2.5 to 2.5	Pass
				50	3.80	-42.586	-0.0502	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.23	3.076	0.0037	-2.5 to 2.5	Pass
					3.80	4.506	0.0055	-2.5 to 2.5	Pass
					4.37	1.287	0.0016	-2.5 to 2.5	Pass
				-30	3.80	2.203	0.0027	-2.5 to 2.5	Pass
				-20	3.80	-1.659	-0.0020	-2.5 to 2.5	Pass
				-10	3.80	-3.848	-0.0047	-2.5 to 2.5	Pass
				0	3.80	-6.580	-0.0080	-2.5 to 2.5	Pass
				10	3.80	-10.042	-0.0122	-2.5 to 2.5	Pass
				30	3.80	-13.018	-0.0158	-2.5 to 2.5	Pass
				40	3.80	-14.219	-0.0172	-2.5 to 2.5	Pass
				50	3.80	-21.815	-0.0265	-2.5 to 2.5	Pass
	836.5	6	0	20	3.23	-26.250	-0.0314	-2.5 to 2.5	Pass
					3.80	-17.352	-0.0207	-2.5 to 2.5	Pass
					4.37	-11.644	-0.0139	-2.5 to 2.5	Pass
				-30	3.80	-6.237	-0.0075	-2.5 to 2.5	Pass
				-20	3.80	-5.407	-0.0065	-2.5 to 2.5	Pass
				-10	3.80	-0.057	-0.0001	-2.5 to 2.5	Pass

				0	3.80	1.087	0.0013	-2.5 to 2.5	Pass
				10	3.80	5.035	0.0060	-2.5 to 2.5	Pass
				30	3.80	4.721	0.0056	-2.5 to 2.5	Pass
				40	3.80	6.852	0.0082	-2.5 to 2.5	Pass
				50	3.80	7.896	0.0094	-2.5 to 2.5	Pass
	848.3	6	0	20	3.23	1.245	0.0015	-2.5 to 2.5	Pass
					3.80	1.574	0.0019	-2.5 to 2.5	Pass
					4.37	1.631	0.0019	-2.5 to 2.5	Pass
				-30	3.80	0.529	0.0006	-2.5 to 2.5	Pass
				-20	3.80	-2.117	-0.0025	-2.5 to 2.5	Pass
				-10	3.80	-3.505	-0.0041	-2.5 to 2.5	Pass
				0	3.80	-6.065	-0.0071	-2.5 to 2.5	Pass
				10	3.80	-9.713	-0.0114	-2.5 to 2.5	Pass
				30	3.80	-10.901	-0.0129	-2.5 to 2.5	Pass
				40	3.80	-13.261	-0.0156	-2.5 to 2.5	Pass
				50	3.80	-15.893	-0.0187	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.23	-33.560	-0.0407	-2.5 to 2.5	Pass
					3.80	-16.408	-0.0199	-2.5 to 2.5	Pass
					4.37	-33.045	-0.0400	-2.5 to 2.5	Pass
				-30	3.80	-11.387	-0.0138	-2.5 to 2.5	Pass
				-20	3.80	-22.488	-0.0272	-2.5 to 2.5	Pass
				-10	3.80	-13.976	-0.0169	-2.5 to 2.5	Pass
				0	3.80	-47.407	-0.0574	-2.5 to 2.5	Pass
				10	3.80	-23.818	-0.0289	-2.5 to 2.5	Pass
				30	3.80	-27.094	-0.0328	-2.5 to 2.5	Pass
				40	3.80	-14.391	-0.0174	-2.5 to 2.5	Pass
				50	3.80	-30.227	-0.0366	-2.5 to 2.5	Pass
	836.5	15	0	20	3.23	9.527	0.0114	-2.5 to 2.5	Pass
					3.80	3.076	0.0037	-2.5 to 2.5	Pass
					4.37	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.80	-7.238	-0.0087	-2.5 to 2.5	Pass
				-20	3.80	-8.712	-0.0104	-2.5 to 2.5	Pass
				-10	3.80	-11.430	-0.0137	-2.5 to 2.5	Pass
				0	3.80	-13.189	-0.0158	-2.5 to 2.5	Pass
				10	3.80	-16.308	-0.0195	-2.5 to 2.5	Pass
				30	3.80	-19.040	-0.0228	-2.5 to 2.5	Pass
				40	3.80	-19.684	-0.0235	-2.5 to 2.5	Pass
				50	3.80	-21.973	-0.0263	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	25.377	0.0299	-2.5 to 2.5	Pass
					3.80	-16.994	-0.0201	-2.5 to 2.5	Pass
					4.37	-32.387	-0.0382	-2.5 to 2.5	Pass
				-30	3.80	-19.999	-0.0236	-2.5 to 2.5	Pass
				-20	3.80	-39.511	-0.0466	-2.5 to 2.5	Pass
				-10	3.80	-4.964	-0.0059	-2.5 to 2.5	Pass
				0	3.80	-16.637	-0.0196	-2.5 to 2.5	Pass
				10	3.80	-25.606	-0.0302	-2.5 to 2.5	Pass
				30	3.80	-34.933	-0.0412	-2.5 to 2.5	Pass
				40	3.80	-41.471	-0.0489	-2.5 to 2.5	Pass
				50	3.80	-5.078	-0.0060	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.23	-42.171	-0.0511	-2.5 to 2.5	Pass
					3.80	-39.639	-0.0480	-2.5 to 2.5	Pass
					4.37	-40.855	-0.0495	-2.5 to 2.5	Pass

				-30	3.80	-44.203	-0.0535	-2.5 to 2.5	Pass
				-20	3.80	-47.693	-0.0578	-2.5 to 2.5	Pass
				-10	3.80	-0.815	-0.0010	-2.5 to 2.5	Pass
				0	3.80	-3.519	-0.0043	-2.5 to 2.5	Pass
				10	3.80	-5.608	-0.0068	-2.5 to 2.5	Pass
				30	3.80	-9.570	-0.0116	-2.5 to 2.5	Pass
				40	3.80	-13.976	-0.0169	-2.5 to 2.5	Pass
				50	3.80	-16.823	-0.0204	-2.5 to 2.5	Pass
	836.5	15	0	20	3.23	-18.697	-0.0224	-2.5 to 2.5	Pass
					3.80	-8.082	-0.0097	-2.5 to 2.5	Pass
					4.37	0.043	0.0001	-2.5 to 2.5	Pass
				-30	3.80	5.150	0.0062	-2.5 to 2.5	Pass
				-20	3.80	10.800	0.0129	-2.5 to 2.5	Pass
				-10	3.80	13.676	0.0163	-2.5 to 2.5	Pass
				0	3.80	17.023	0.0204	-2.5 to 2.5	Pass
				10	3.80	20.299	0.0243	-2.5 to 2.5	Pass
				30	3.80	21.501	0.0257	-2.5 to 2.5	Pass
				40	3.80	22.674	0.0271	-2.5 to 2.5	Pass
				50	3.80	25.506	0.0305	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	-5.565	-0.0066	-2.5 to 2.5	Pass
					3.80	-0.129	-0.0002	-2.5 to 2.5	Pass
					4.37	3.920	0.0046	-2.5 to 2.5	Pass
				-30	3.80	6.752	0.0080	-2.5 to 2.5	Pass
				-20	3.80	10.571	0.0125	-2.5 to 2.5	Pass
				-10	3.80	9.770	0.0115	-2.5 to 2.5	Pass
				0	3.80	7.424	0.0088	-2.5 to 2.5	Pass
				10	3.80	8.998	0.0106	-2.5 to 2.5	Pass
				30	3.80	8.569	0.0101	-2.5 to 2.5	Pass
				40	3.80	9.470	0.0112	-2.5 to 2.5	Pass
				50	3.80	9.885	0.0117	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.23	6.967	0.0084	-2.5 to 2.5	Pass
					3.80	-14.505	-0.0175	-2.5 to 2.5	Pass
					4.37	-2.861	-0.0035	-2.5 to 2.5	Pass
				-30	3.80	-29.783	-0.0360	-2.5 to 2.5	Pass
				-20	3.80	-44.632	-0.0540	-2.5 to 2.5	Pass
				-10	3.80	-14.048	-0.0170	-2.5 to 2.5	Pass
				0	3.80	-25.878	-0.0313	-2.5 to 2.5	Pass
				10	3.80	-35.734	-0.0432	-2.5 to 2.5	Pass
				30	3.80	-43.688	-0.0529	-2.5 to 2.5	Pass
				40	3.80	-3.648	-0.0044	-2.5 to 2.5	Pass
				50	3.80	-11.258	-0.0136	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	9.570	0.0114	-2.5 to 2.5	Pass
					3.80	5.050	0.0060	-2.5 to 2.5	Pass
					4.37	2.618	0.0031	-2.5 to 2.5	Pass
				-30	3.80	1.616	0.0019	-2.5 to 2.5	Pass
				-20	3.80	3.304	0.0039	-2.5 to 2.5	Pass
				-10	3.80	3.862	0.0046	-2.5 to 2.5	Pass
				0	3.80	1.745	0.0021	-2.5 to 2.5	Pass
				10	3.80	4.234	0.0051	-2.5 to 2.5	Pass
				30	3.80	4.020	0.0048	-2.5 to 2.5	Pass
				40	3.80	6.323	0.0076	-2.5 to 2.5	Pass
				50	3.80	7.081	0.0085	-2.5 to 2.5	Pass

	846.5	25	0	20	3.23	25.449	0.0301	-2.5 to 2.5	Pass
					3.80	-9.127	-0.0108	-2.5 to 2.5	Pass
					4.37	-34.819	-0.0411	-2.5 to 2.5	Pass
				-30	3.80	-4.463	-0.0053	-2.5 to 2.5	Pass
				-20	3.80	-16.537	-0.0195	-2.5 to 2.5	Pass
				-10	3.80	-27.523	-0.0325	-2.5 to 2.5	Pass
				0	3.80	-36.979	-0.0437	-2.5 to 2.5	Pass
				10	3.80	-43.259	-0.0511	-2.5 to 2.5	Pass
				30	3.80	-1.674	-0.0020	-2.5 to 2.5	Pass
				40	3.80	-6.781	-0.0080	-2.5 to 2.5	Pass
				50	3.80	-11.687	-0.0138	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.23	-15.163	-0.0183	-2.5 to 2.5	Pass
					3.80	-11.187	-0.0135	-2.5 to 2.5	Pass
					4.37	-13.418	-0.0162	-2.5 to 2.5	Pass
				-30	3.80	-13.475	-0.0163	-2.5 to 2.5	Pass
				-20	3.80	-13.790	-0.0167	-2.5 to 2.5	Pass
				-10	3.80	-13.947	-0.0169	-2.5 to 2.5	Pass
				0	3.80	-13.590	-0.0164	-2.5 to 2.5	Pass
				10	3.80	-15.364	-0.0186	-2.5 to 2.5	Pass
				30	3.80	-14.977	-0.0181	-2.5 to 2.5	Pass
				40	3.80	-18.110	-0.0219	-2.5 to 2.5	Pass
				50	3.80	-17.452	-0.0211	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	10.343	0.0124	-2.5 to 2.5	Pass
					3.80	16.165	0.0193	-2.5 to 2.5	Pass
					4.37	25.706	0.0307	-2.5 to 2.5	Pass
				-30	3.80	31.586	0.0378	-2.5 to 2.5	Pass
				-20	3.80	34.533	0.0413	-2.5 to 2.5	Pass
				-10	3.80	40.455	0.0484	-2.5 to 2.5	Pass
				0	3.80	43.988	0.0526	-2.5 to 2.5	Pass
				10	3.80	45.562	0.0545	-2.5 to 2.5	Pass
				30	3.80	1.316	0.0016	-2.5 to 2.5	Pass
				40	3.80	1.631	0.0019	-2.5 to 2.5	Pass
				50	3.80	4.721	0.0056	-2.5 to 2.5	Pass
	846.5	25	0	20	3.23	-11.001	-0.0130	-2.5 to 2.5	Pass
					3.80	-5.965	-0.0070	-2.5 to 2.5	Pass
					4.37	1.488	0.0018	-2.5 to 2.5	Pass
				-30	3.80	3.219	0.0038	-2.5 to 2.5	Pass
				-20	3.80	7.782	0.0092	-2.5 to 2.5	Pass
				-10	3.80	7.668	0.0091	-2.5 to 2.5	Pass
				0	3.80	7.424	0.0088	-2.5 to 2.5	Pass
				10	3.80	10.343	0.0122	-2.5 to 2.5	Pass
				30	3.80	11.172	0.0132	-2.5 to 2.5	Pass
				40	3.80	11.144	0.0132	-2.5 to 2.5	Pass
				50	3.80	10.343	0.0122	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.23	5.980	0.0072	-2.5 to 2.5	Pass
					3.80	-18.082	-0.0218	-2.5 to 2.5	Pass
					4.37	-6.523	-0.0079	-2.5 to 2.5	Pass
				-30	3.80	-27.895	-0.0336	-2.5 to 2.5	Pass
				-20	3.80	-41.699	-0.0503	-2.5 to 2.5	Pass
				-10	3.80	-8.869	-0.0107	-2.5 to 2.5	Pass
				0	3.80	-16.694	-0.0201	-2.5 to 2.5	Pass
				10	3.80	-23.918	-0.0289	-2.5 to 2.5	Pass

				30	3.80	-27.452	-0.0331	-2.5 to 2.5	Pass
				40	3.80	-31.829	-0.0384	-2.5 to 2.5	Pass
				50	3.80	-34.404	-0.0415	-2.5 to 2.5	Pass
	836.5	50	0	20	3.23	-15.163	-0.0181	-2.5 to 2.5	Pass
					3.80	-40.627	-0.0486	-2.5 to 2.5	Pass
					4.37	-6.580	-0.0079	-2.5 to 2.5	Pass
				-30	3.80	-13.404	-0.0160	-2.5 to 2.5	Pass
				-20	3.80	-18.611	-0.0222	-2.5 to 2.5	Pass
				-10	3.80	-22.931	-0.0274	-2.5 to 2.5	Pass
				0	3.80	-25.678	-0.0307	-2.5 to 2.5	Pass
				10	3.80	-27.723	-0.0331	-2.5 to 2.5	Pass
				30	3.80	-29.540	-0.0353	-2.5 to 2.5	Pass
				40	3.80	-32.115	-0.0384	-2.5 to 2.5	Pass
				50	3.80	-32.330	-0.0386	-2.5 to 2.5	Pass
	844	50	0	20	3.23	14.048	0.0166	-2.5 to 2.5	Pass
					3.80	-33.460	-0.0396	-2.5 to 2.5	Pass
					4.37	-12.188	-0.0144	-2.5 to 2.5	Pass
				-30	3.80	-29.554	-0.0350	-2.5 to 2.5	Pass
				-20	3.80	-42.114	-0.0499	-2.5 to 2.5	Pass
				-10	3.80	-2.046	-0.0024	-2.5 to 2.5	Pass
				0	3.80	-9.212	-0.0109	-2.5 to 2.5	Pass
				10	3.80	-16.265	-0.0193	-2.5 to 2.5	Pass
				30	3.80	-21.858	-0.0259	-2.5 to 2.5	Pass
				40	3.80	-27.852	-0.0330	-2.5 to 2.5	Pass
				50	3.80	-32.916	-0.0390	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.23	-28.524	-0.0344	-2.5 to 2.5	Pass
					3.80	-15.106	-0.0182	-2.5 to 2.5	Pass
					4.37	-6.909	-0.0083	-2.5 to 2.5	Pass
				-30	3.80	-1.788	-0.0022	-2.5 to 2.5	Pass
				-20	3.80	3.362	0.0041	-2.5 to 2.5	Pass
				-10	3.80	4.635	0.0056	-2.5 to 2.5	Pass
				0	3.80	6.752	0.0081	-2.5 to 2.5	Pass
				10	3.80	7.453	0.0090	-2.5 to 2.5	Pass
				30	3.80	8.626	0.0104	-2.5 to 2.5	Pass
				40	3.80	10.929	0.0132	-2.5 to 2.5	Pass
				50	3.80	11.959	0.0144	-2.5 to 2.5	Pass
	836.5	50	0	20	3.23	-27.080	-0.0324	-2.5 to 2.5	Pass
					3.80	-14.591	-0.0174	-2.5 to 2.5	Pass
					4.37	-4.549	-0.0054	-2.5 to 2.5	Pass
				-30	3.80	-0.629	-0.0008	-2.5 to 2.5	Pass
				-20	3.80	3.791	0.0045	-2.5 to 2.5	Pass
				-10	3.80	8.497	0.0102	-2.5 to 2.5	Pass
				0	3.80	10.672	0.0128	-2.5 to 2.5	Pass
				10	3.80	13.318	0.0159	-2.5 to 2.5	Pass
				30	3.80	14.262	0.0170	-2.5 to 2.5	Pass
				40	3.80	17.581	0.0210	-2.5 to 2.5	Pass
				50	3.80	19.698	0.0235	-2.5 to 2.5	Pass
	844	50	0	20	3.23	-30.799	-0.0365	-2.5 to 2.5	Pass
					3.80	-26.236	-0.0311	-2.5 to 2.5	Pass
					4.37	-22.831	-0.0271	-2.5 to 2.5	Pass
				-30	3.80	-22.230	-0.0263	-2.5 to 2.5	Pass
				-20	3.80	-20.671	-0.0245	-2.5 to 2.5	Pass
				-10	3.80	-20.800	-0.0246	-2.5 to 2.5	Pass
				0	3.80	-19.627	-0.0233	-2.5 to 2.5	Pass
				10	3.80	-19.312	-0.0229	-2.5 to 2.5	Pass
				30	3.80	-21.858	-0.0259	-2.5 to 2.5	Pass
				40	3.80	-22.774	-0.0270	-2.5 to 2.5	Pass
				50	3.80	-24.748	-0.0293	-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

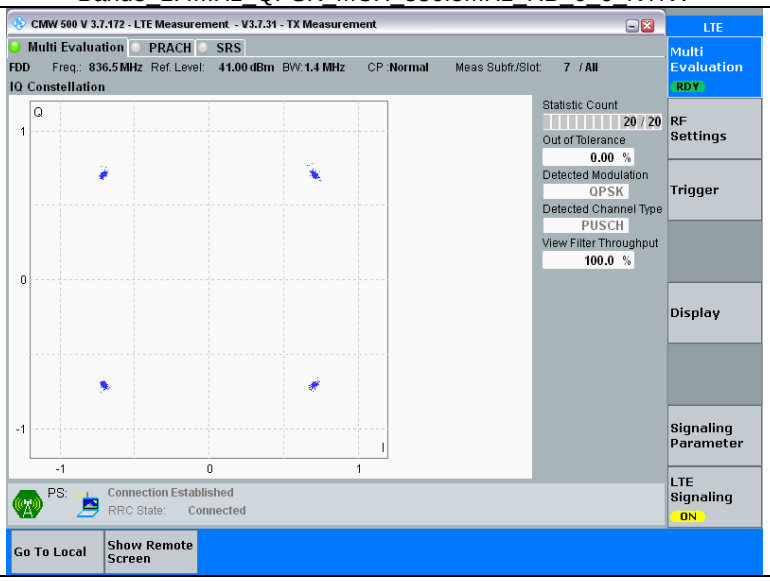
3.1.4 B5_10MHz

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

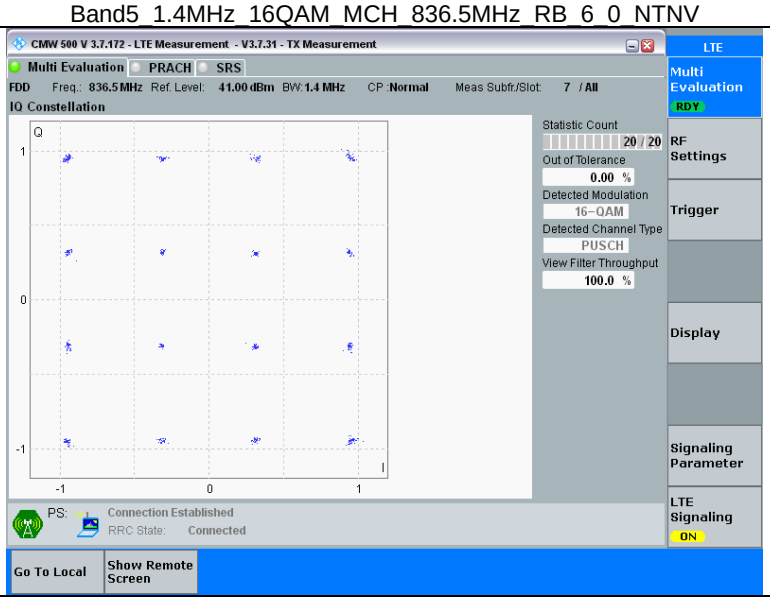
3.2 Test Graph

3.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

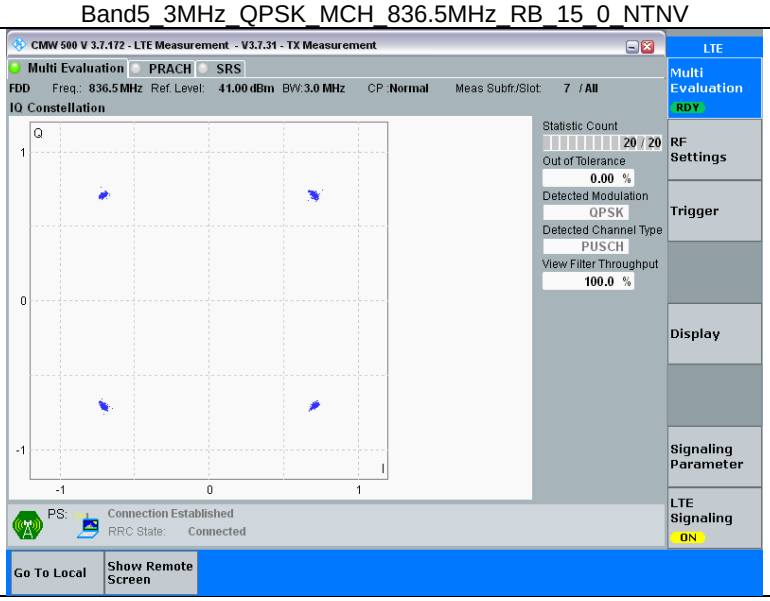


Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

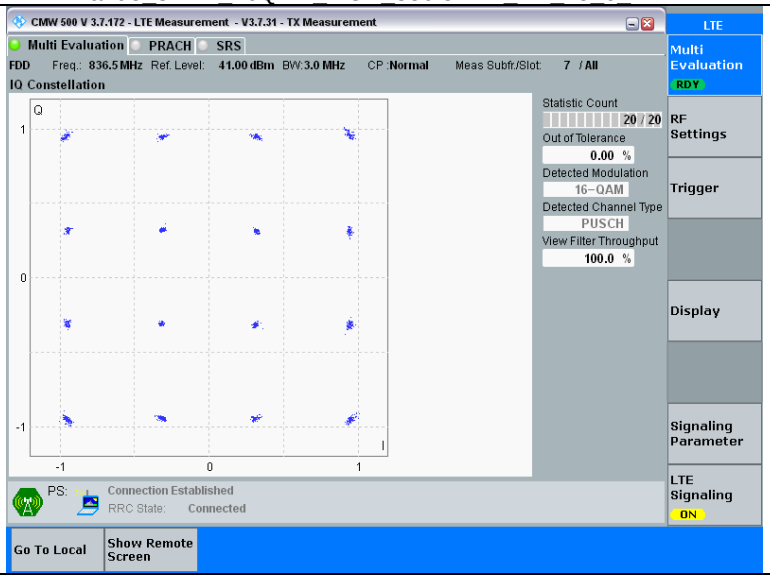


3.2.2 B5_3MHz

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

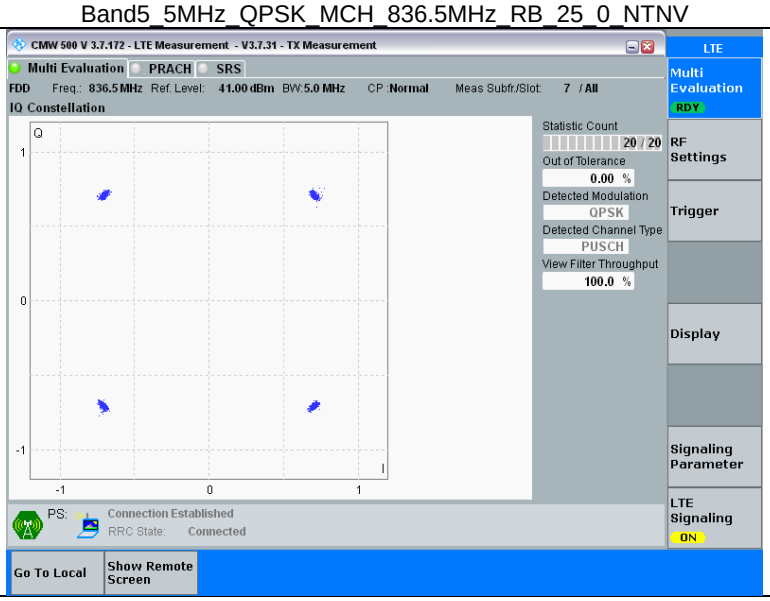


Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

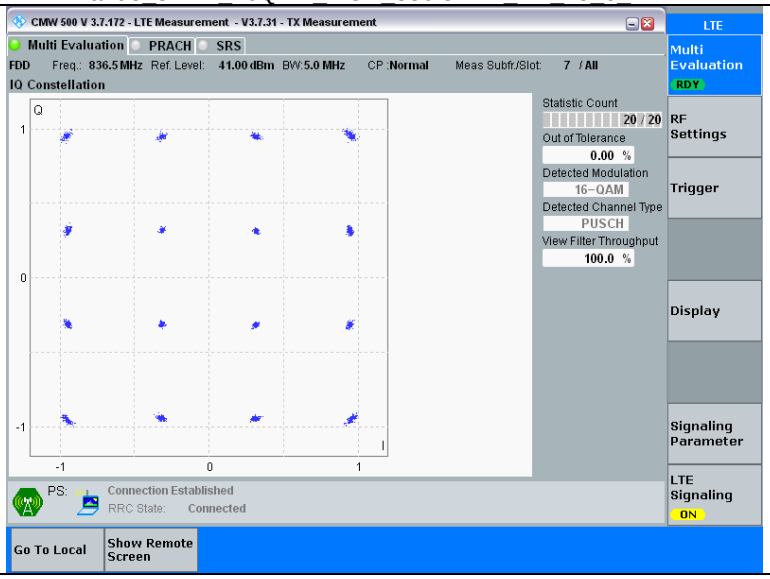


3.2.3 B5_5MHz

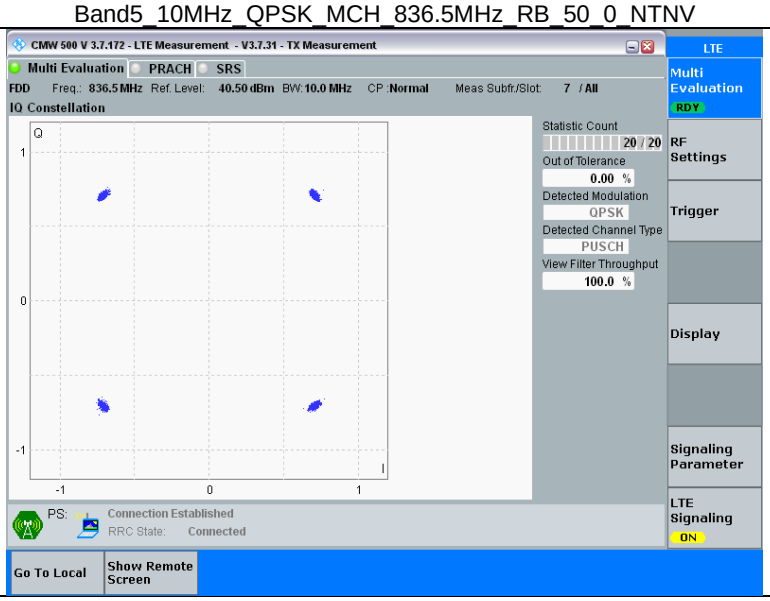
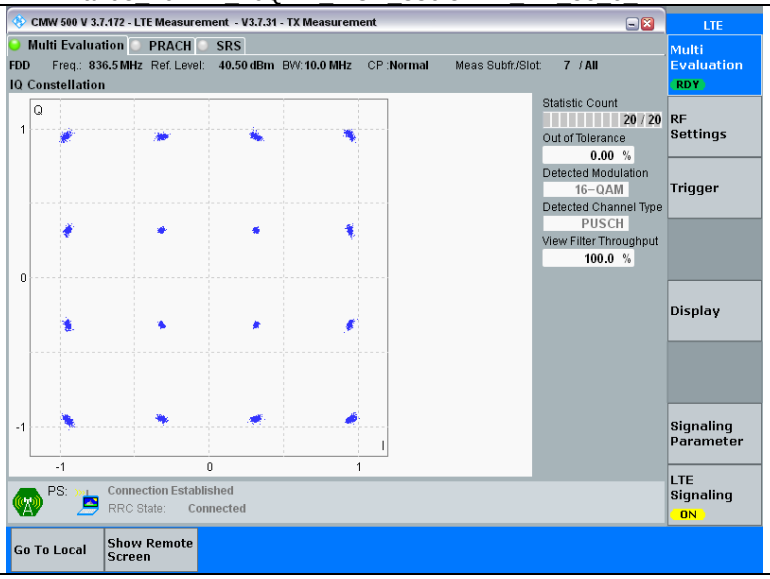
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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	1.114	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.104	/	Pass
	16QAM	824.7	6	0	1.117	/	Pass
		836.5	6	0	1.110	/	Pass
		848.3	6	0	1.121	/	Pass
3	QPSK	825.5	15	0	2.767	/	Pass
		836.5	15	0	2.759	/	Pass
		847.5	15	0	2.746	/	Pass
	16QAM	825.5	15	0	2.747	/	Pass
		836.5	15	0	2.762	/	Pass
		847.5	15	0	2.754	/	Pass
5	QPSK	826.5	25	0	4.582	/	Pass
		836.5	25	0	4.544	/	Pass
		846.5	25	0	4.540	/	Pass
	16QAM	826.5	25	0	4.548	/	Pass
		836.5	25	0	4.571	/	Pass
		846.5	25	0	4.547	/	Pass
10	QPSK	829	50	0	9.085	/	Pass
		836.5	50	0	9.062	/	Pass
		844	50	0	9.033	/	Pass
	16QAM	829	50	0	9.083	/	Pass
		836.5	50	0	9.040	/	Pass
		844	50	0	9.058	/	Pass

4.1.2 Band5_XDB

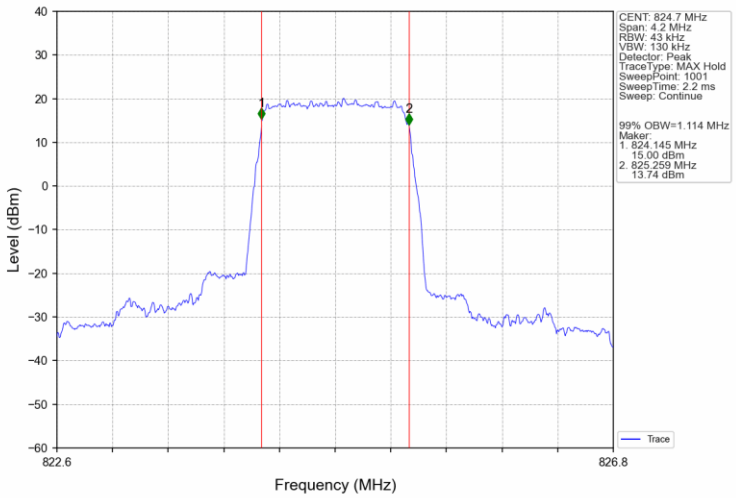
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.270	/	Pass
		836.5	6	0	1.270	/	Pass
		848.3	6	0	1.277	/	Pass
	16QAM	824.7	6	0	1.279	/	Pass
		836.5	6	0	1.263	/	Pass
		848.3	6	0	1.274	/	Pass
3	QPSK	825.5	15	0	3.111	/	Pass
		836.5	15	0	3.112	/	Pass
		847.5	15	0	3.075	/	Pass
	16QAM	825.5	15	0	3.066	/	Pass
		836.5	15	0	3.117	/	Pass
		847.5	15	0	3.113	/	Pass
5	QPSK	826.5	25	0	5.050	/	Pass
		836.5	25	0	5.043	/	Pass
		846.5	25	0	5.044	/	Pass

	16QAM	826.5	25	0	5.081	/	Pass
		836.5	25	0	5.083	/	Pass
		846.5	25	0	5.028	/	Pass
10	QPSK	829	50	0	10.008	/	Pass
		836.5	50	0	10.037	/	Pass
		844	50	0	10.056	/	Pass
	16QAM	829	50	0	10.051	/	Pass
		836.5	50	0	9.990	/	Pass
		844	50	0	9.979	/	Pass

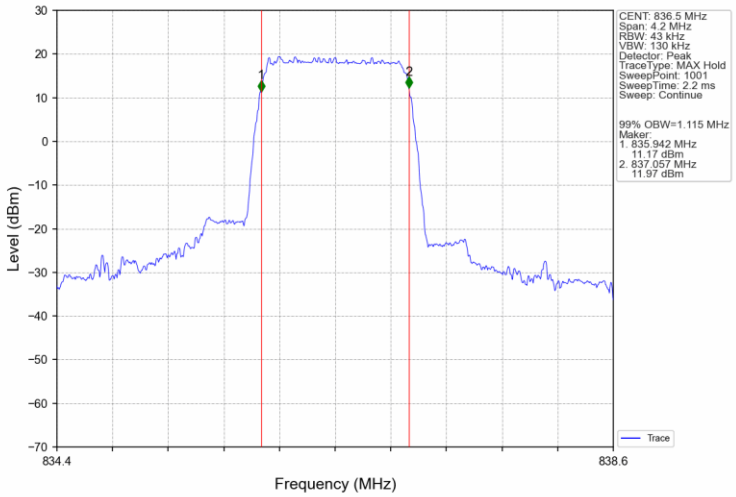
4.2 Test Graph

4.2.1 Band5_OBW

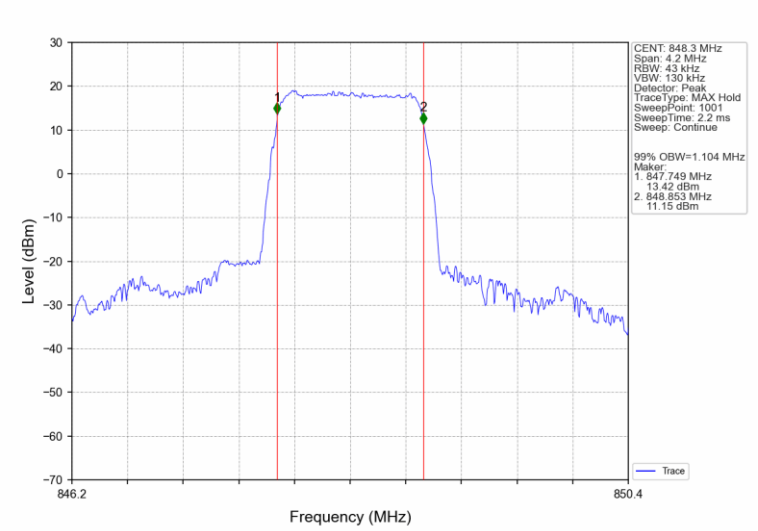
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



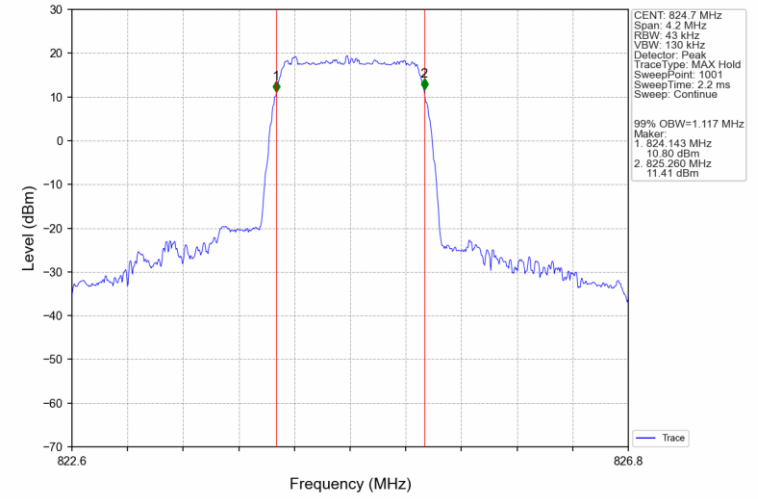
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



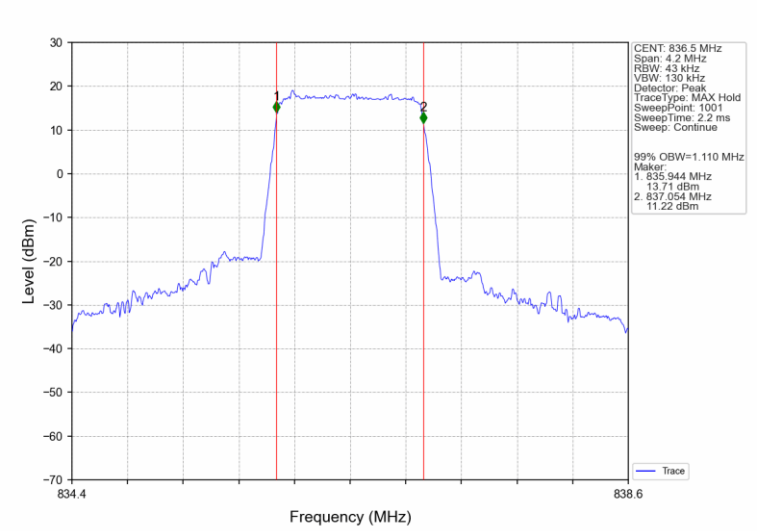
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



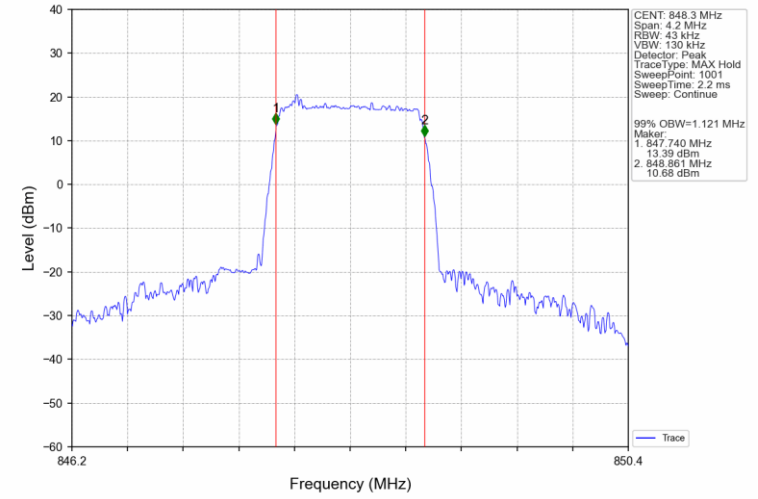
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



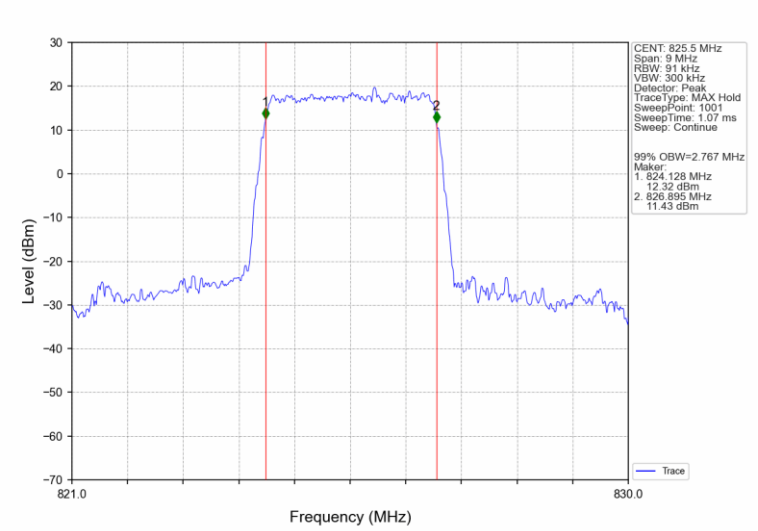
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



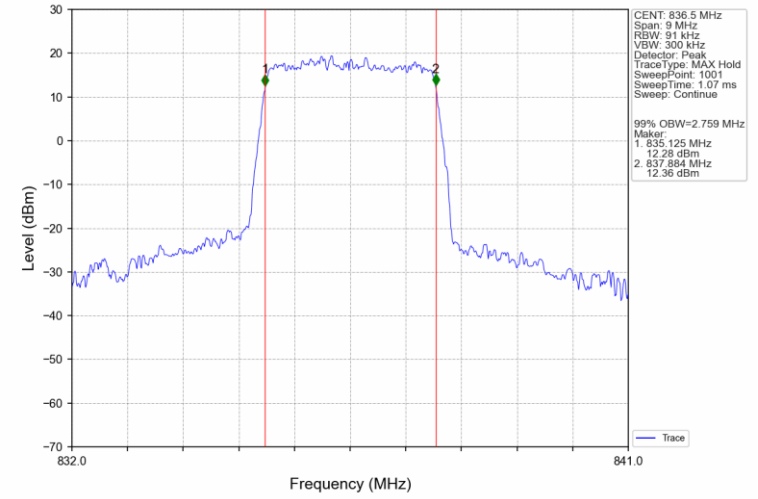
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



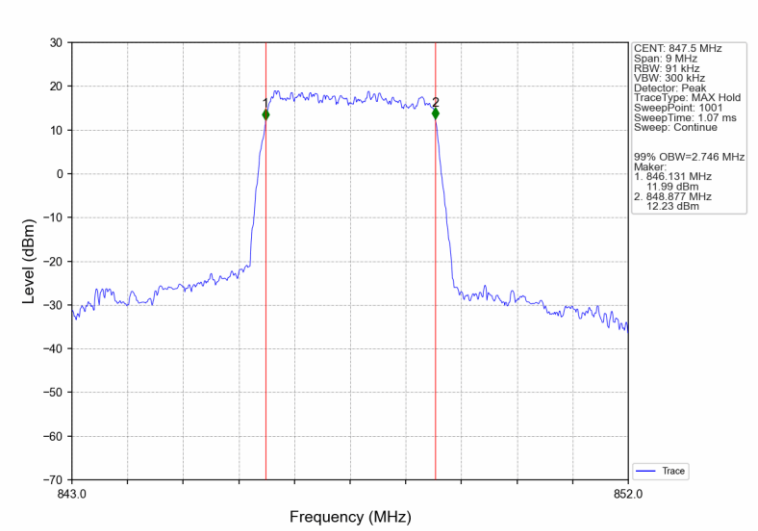
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



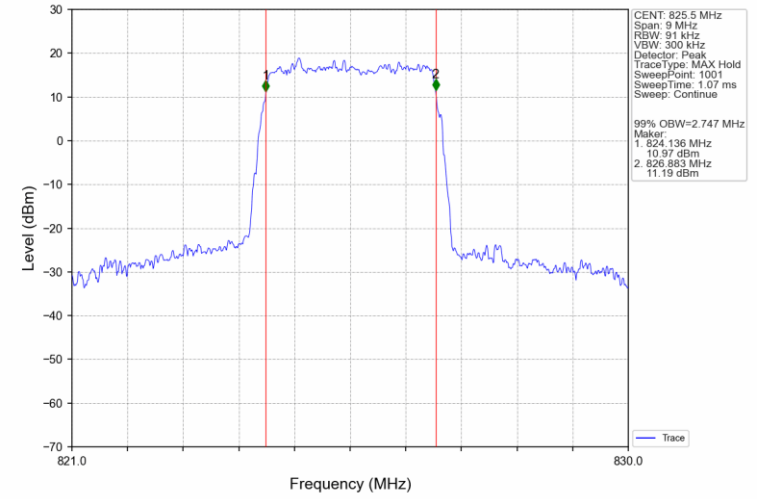
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



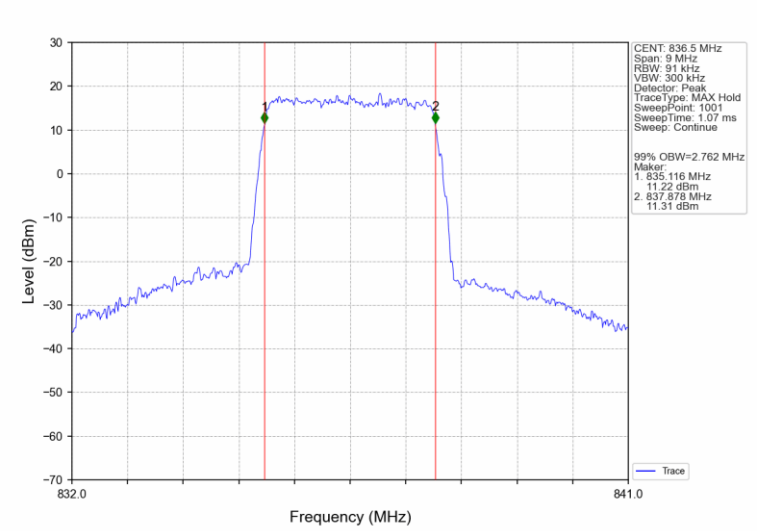
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



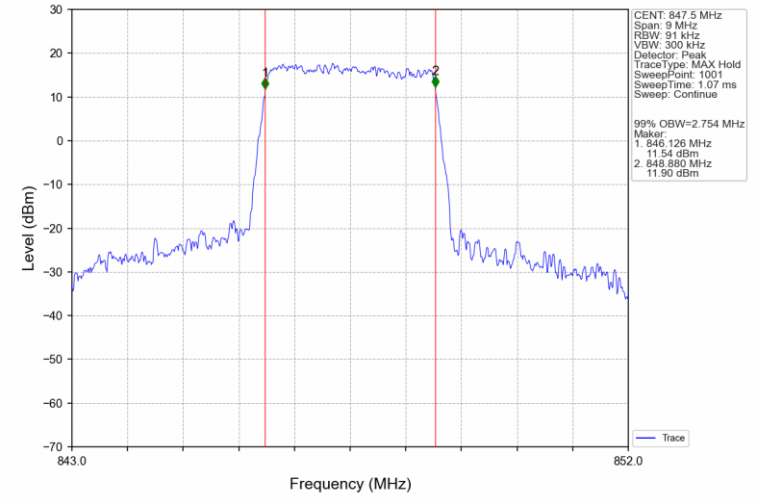
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



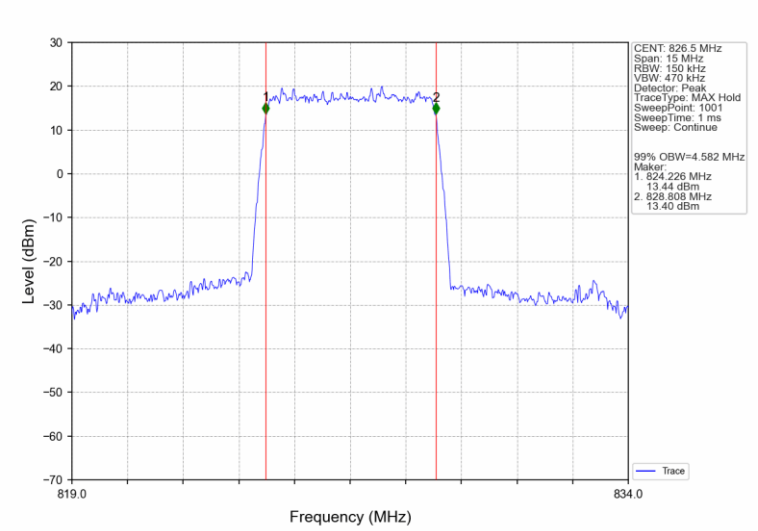
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



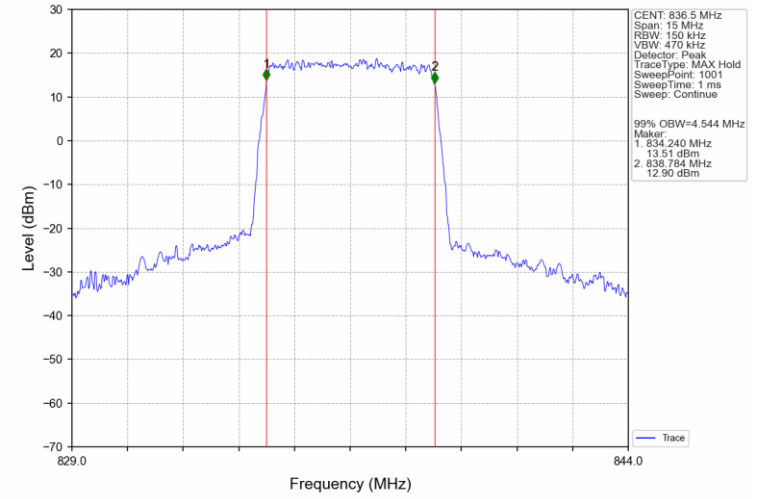
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



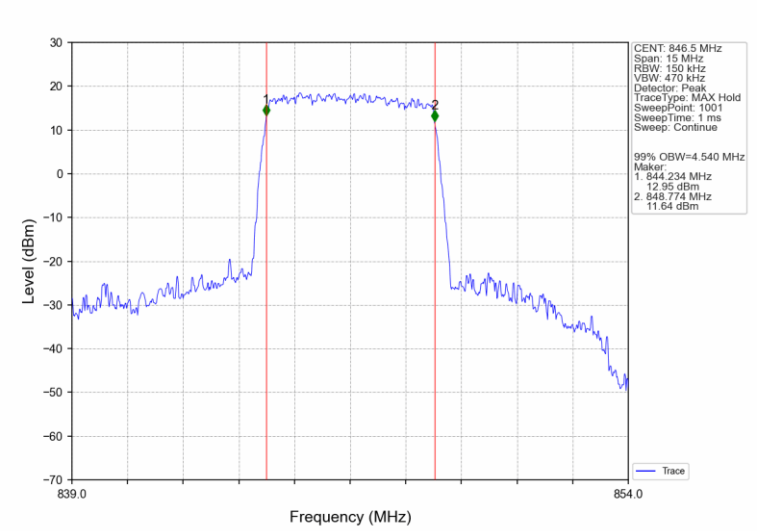
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



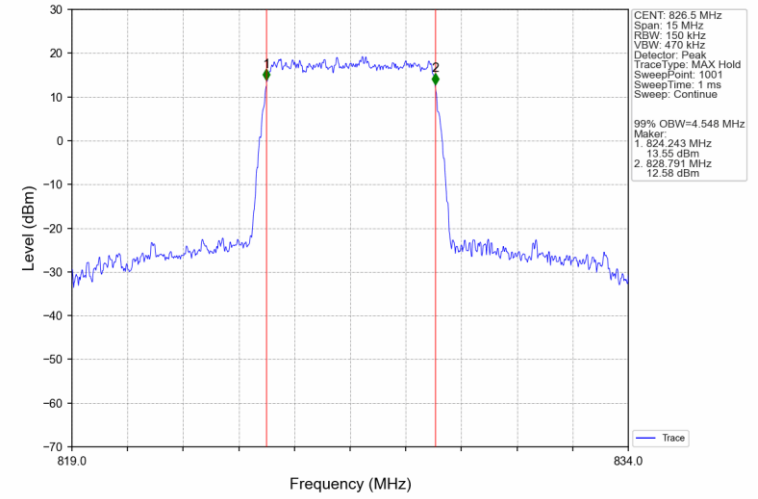
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



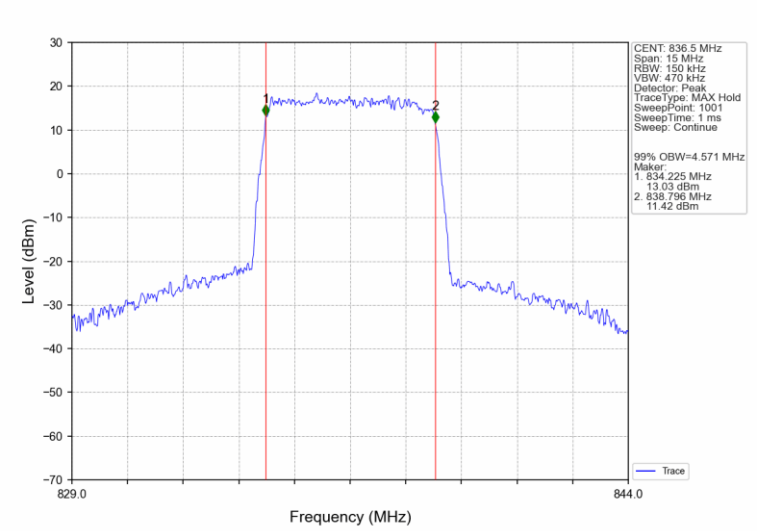
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



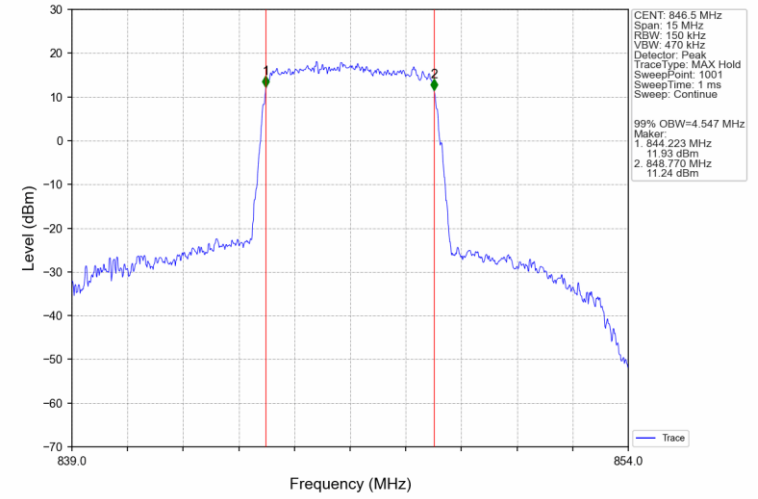
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



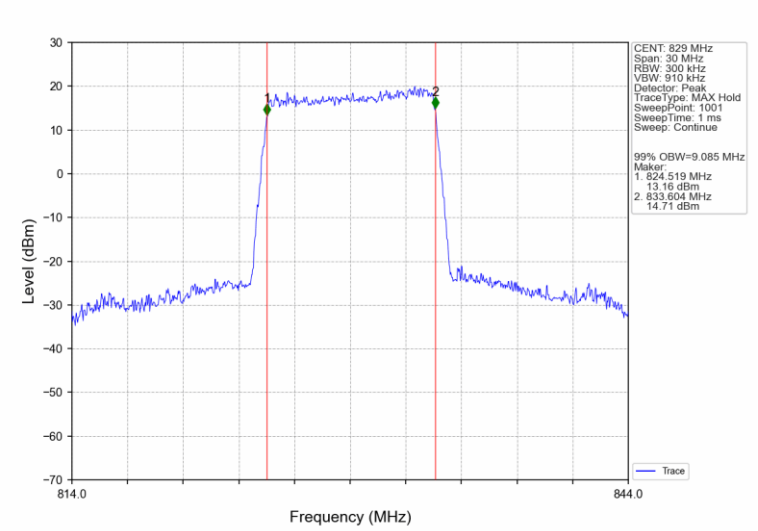
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



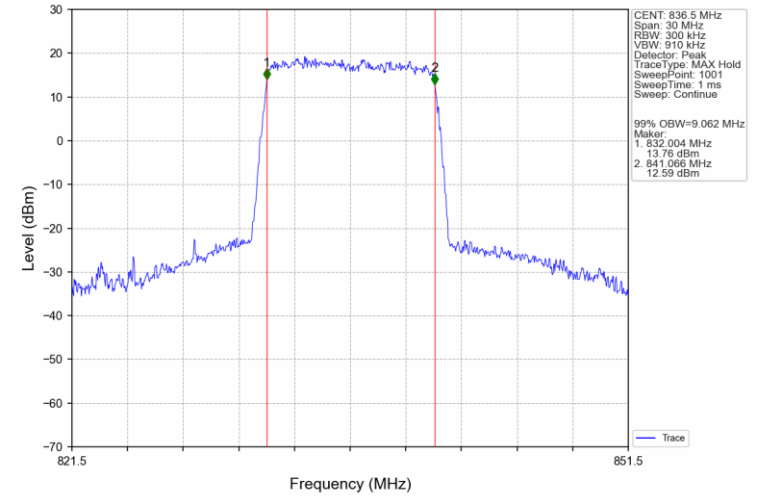
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



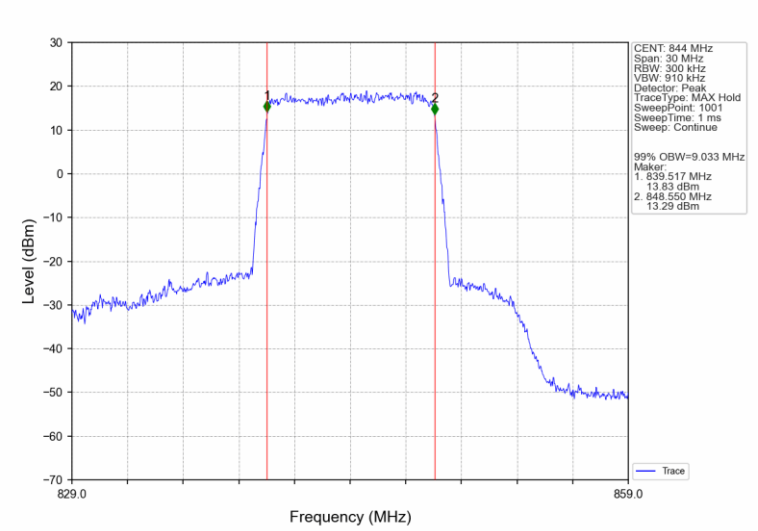
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



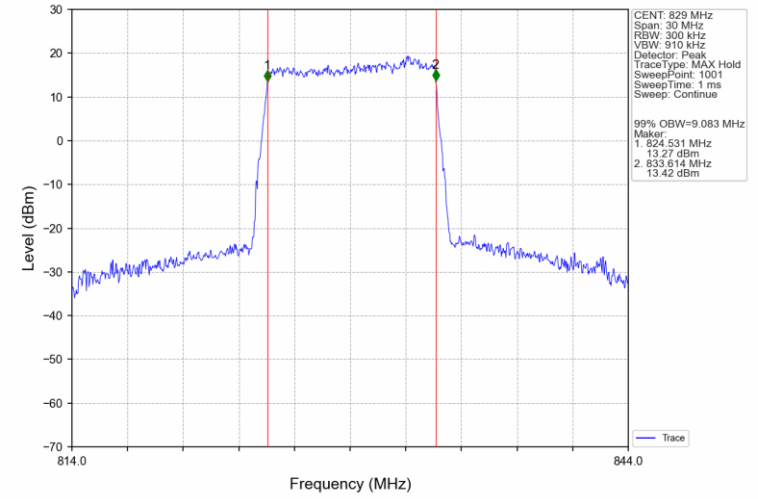
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

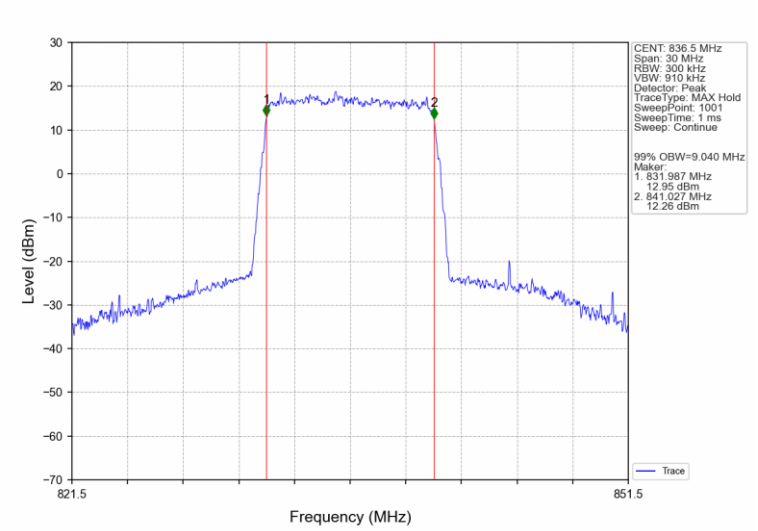
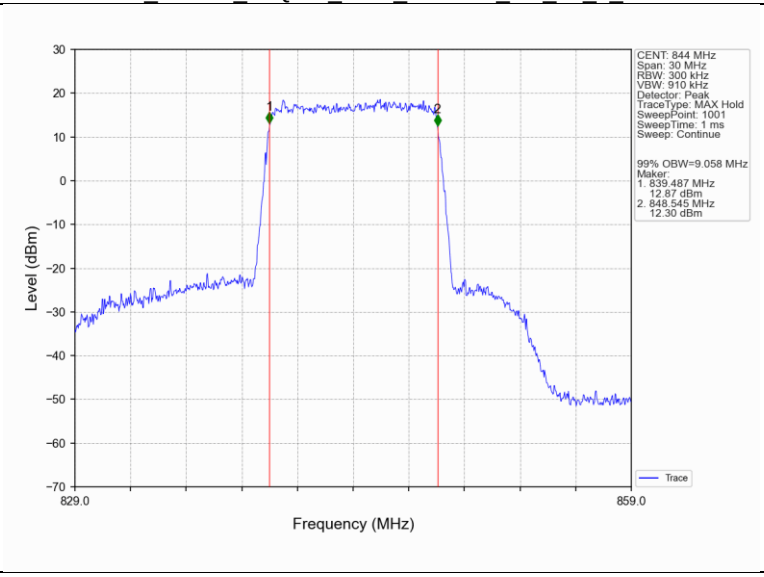


Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



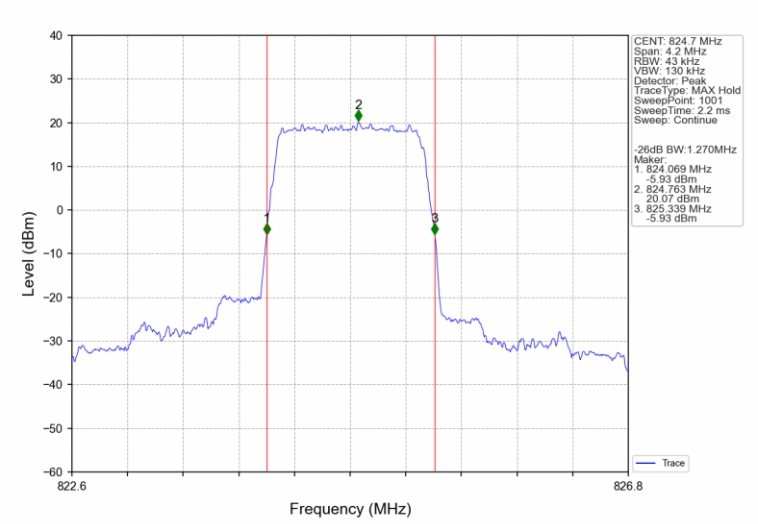
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



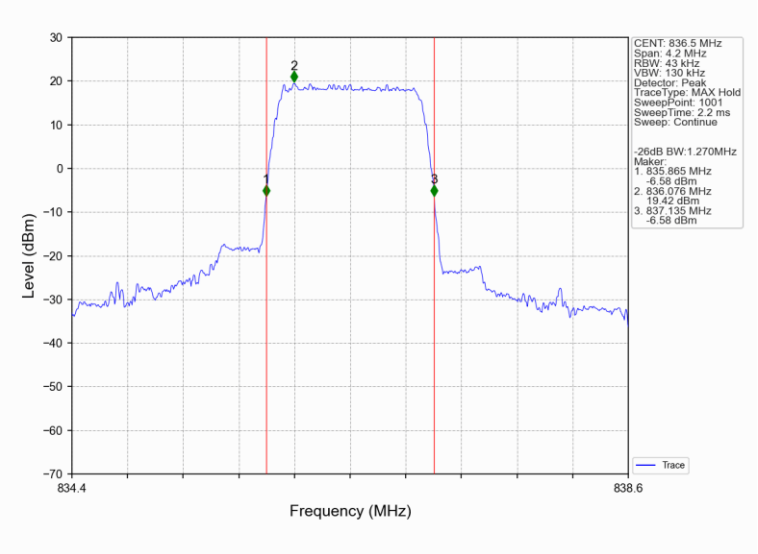
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV


4.2.2 Band5_XDB

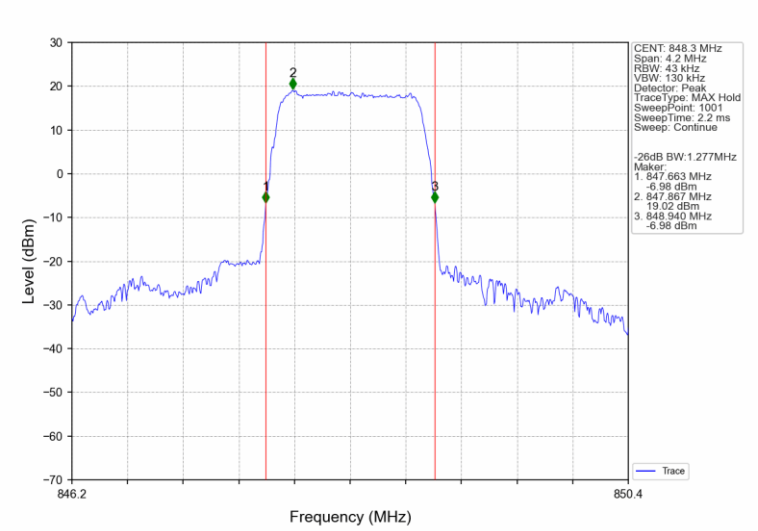
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



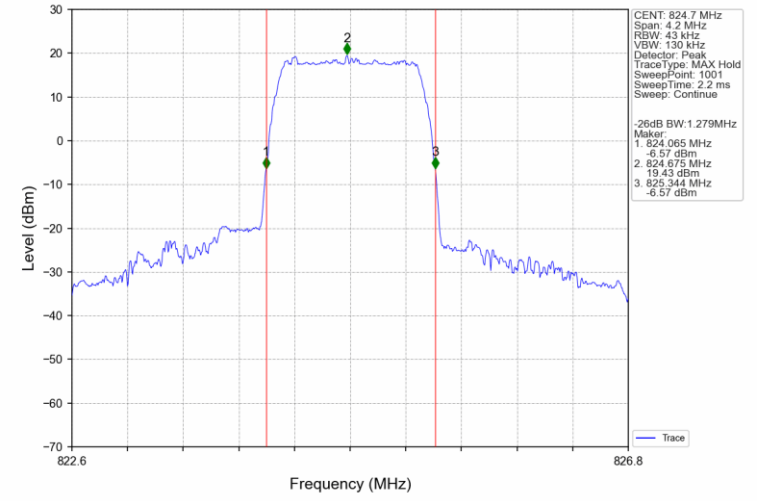
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



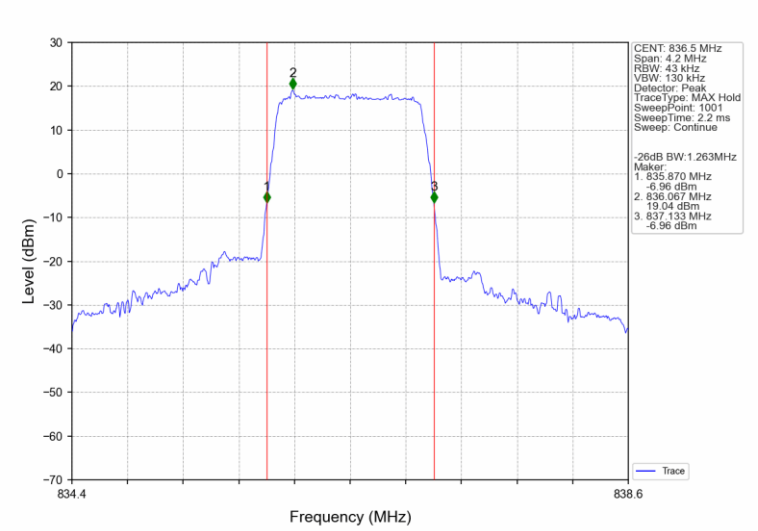
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



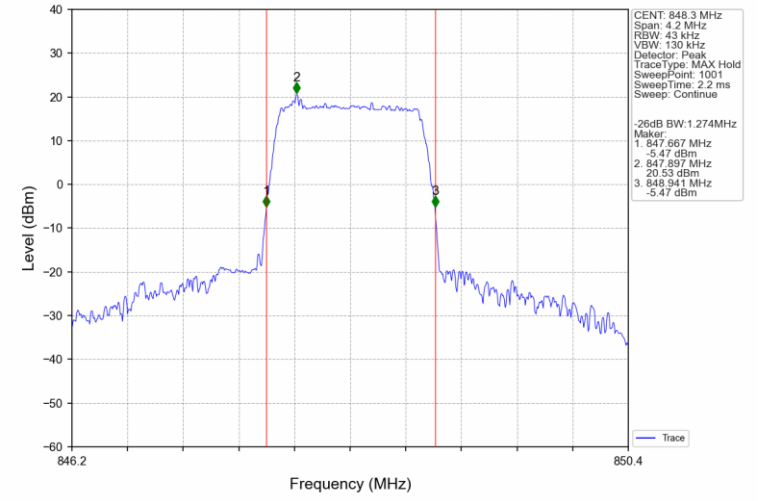
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



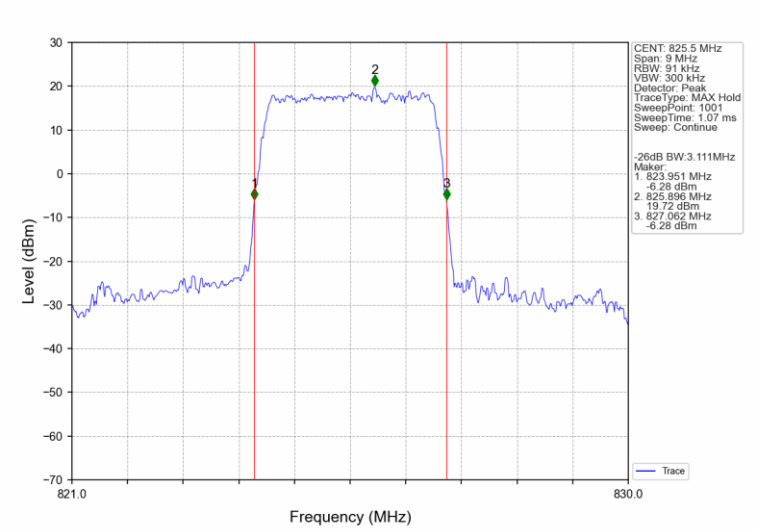
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



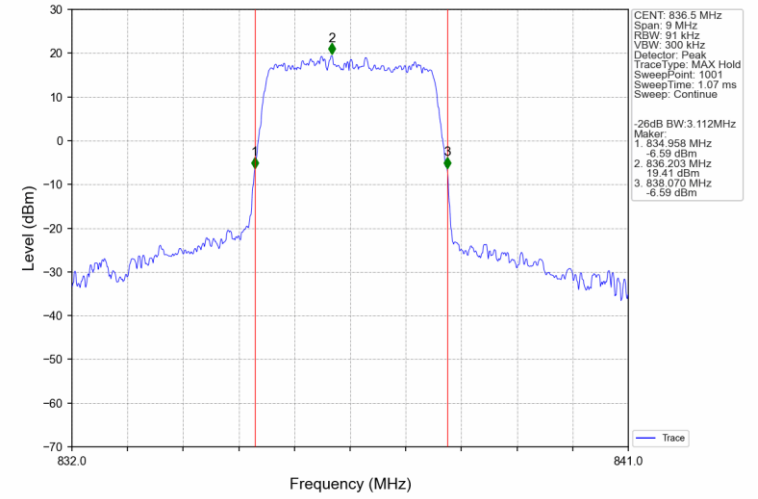
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



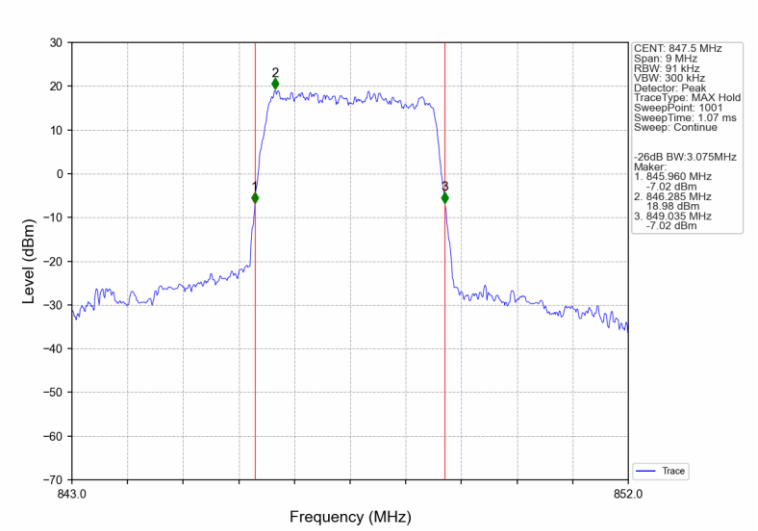
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



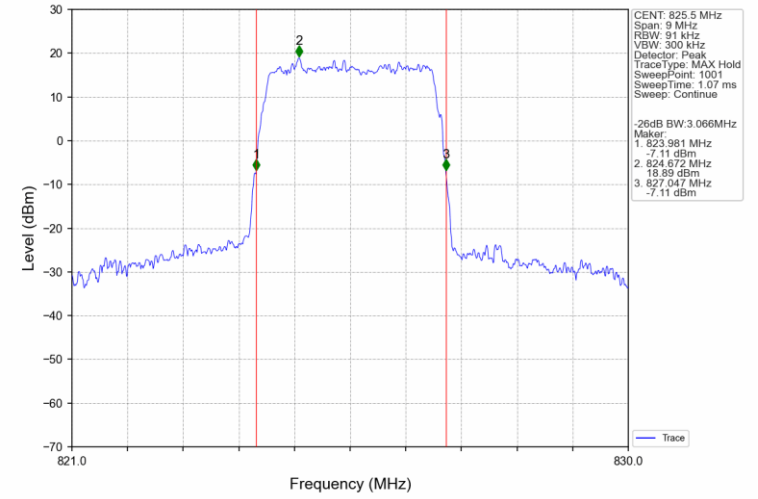
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



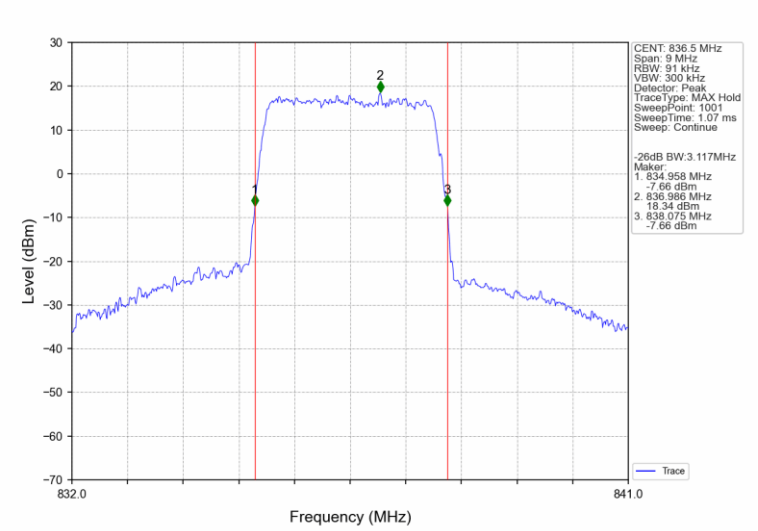
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



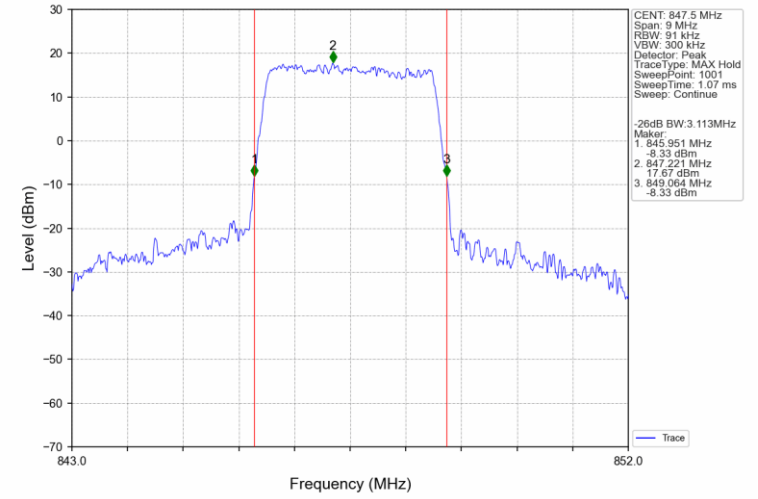
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



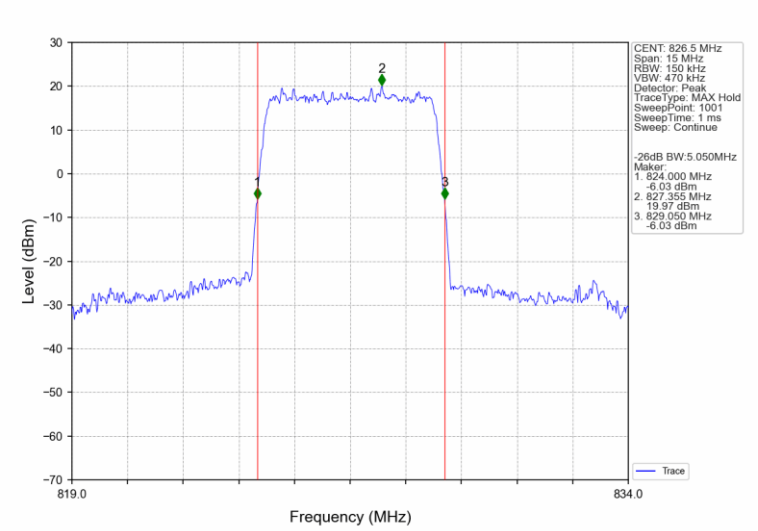
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



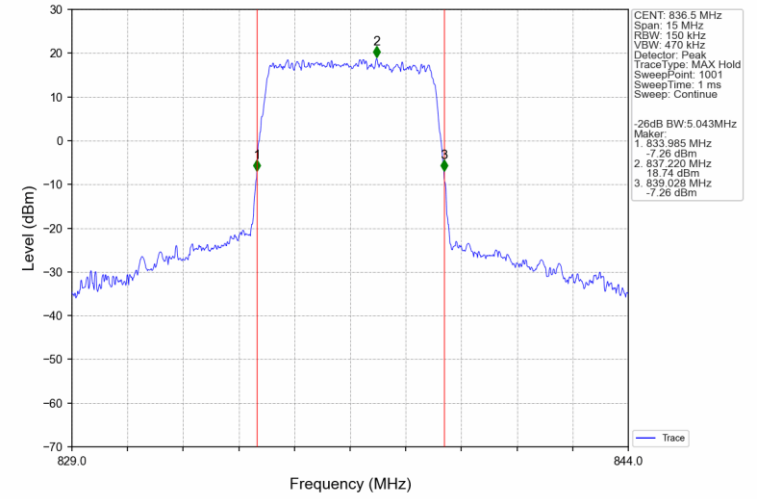
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



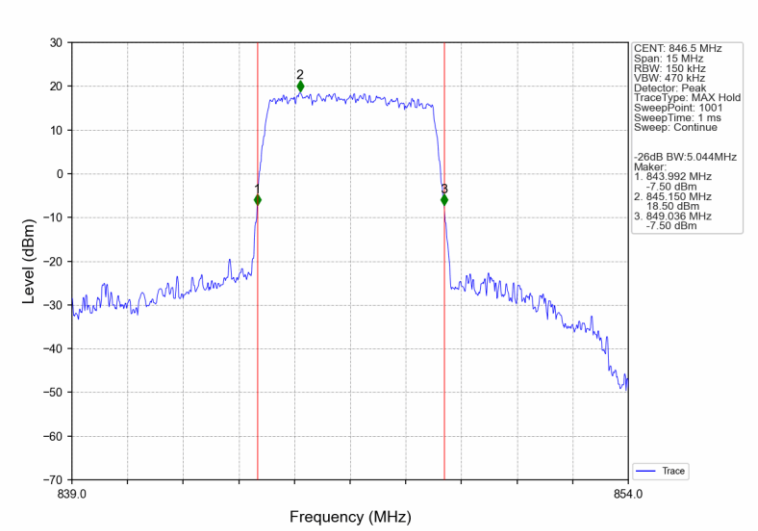
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



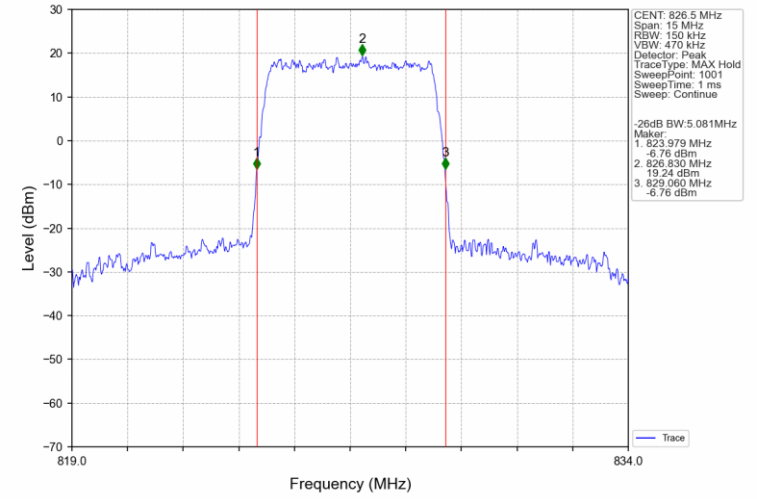
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



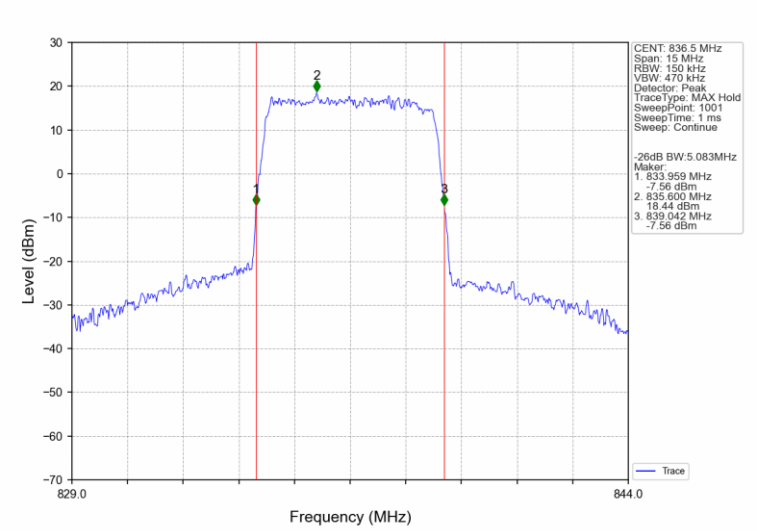
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



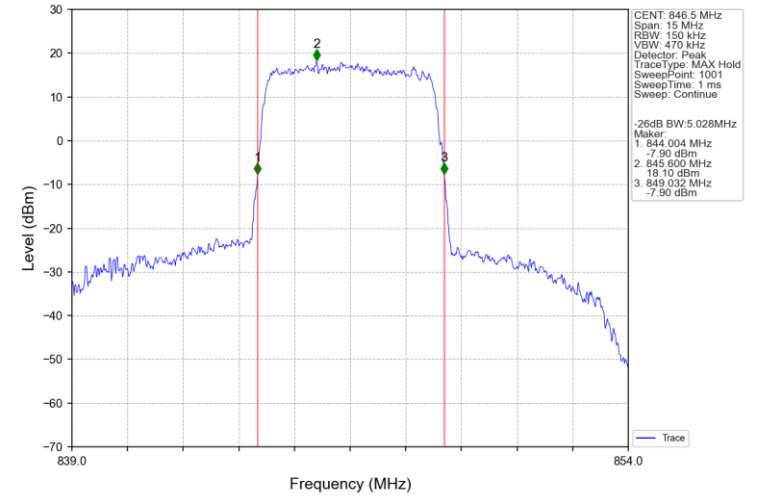
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



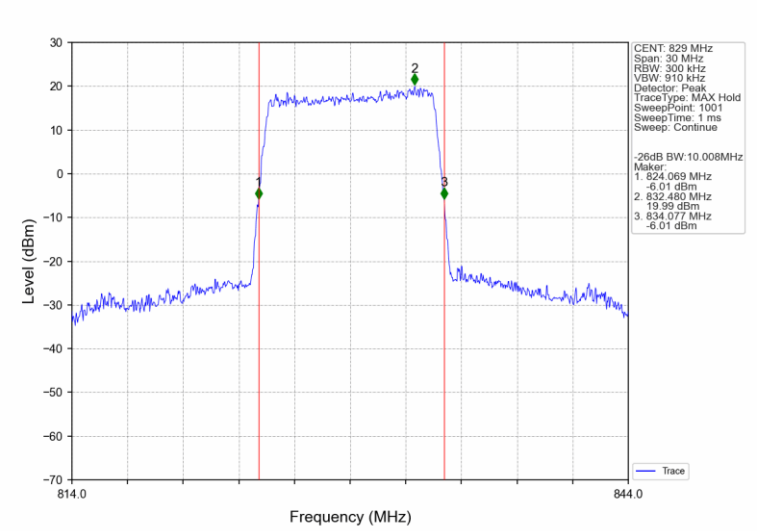
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



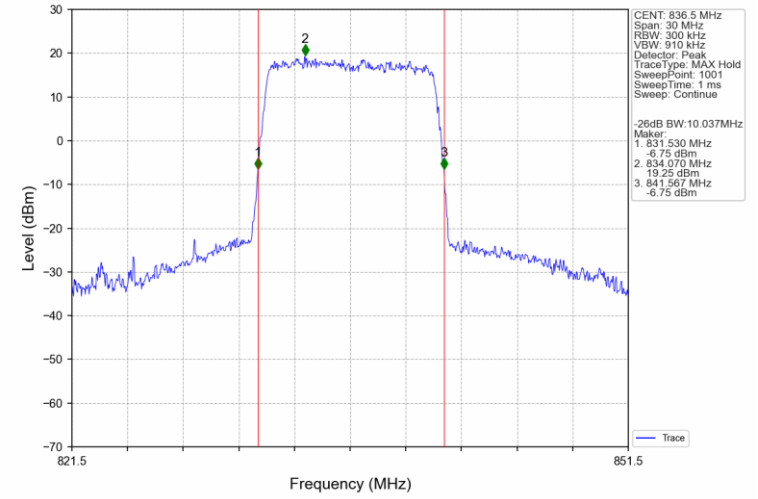
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



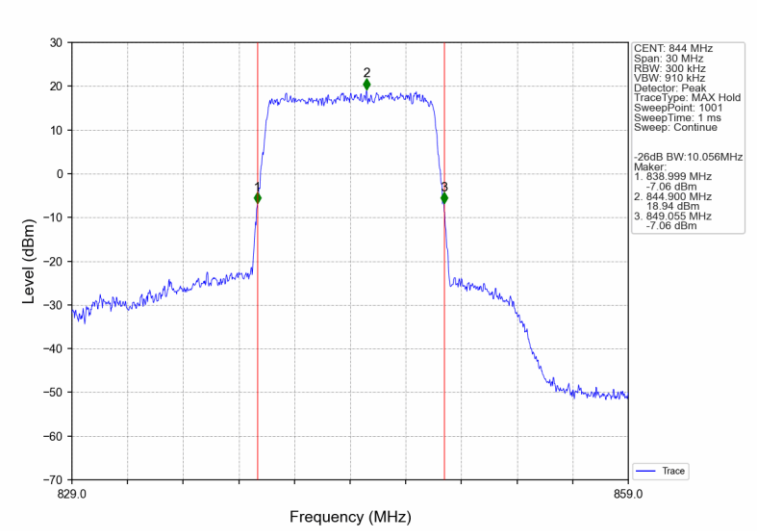
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



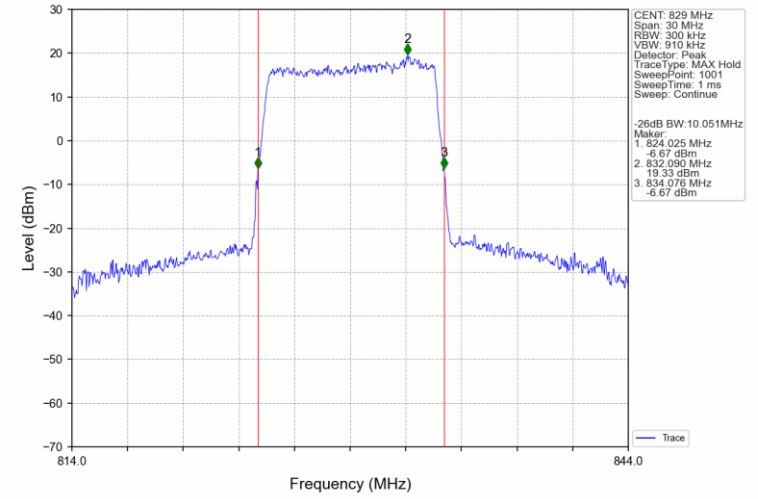
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



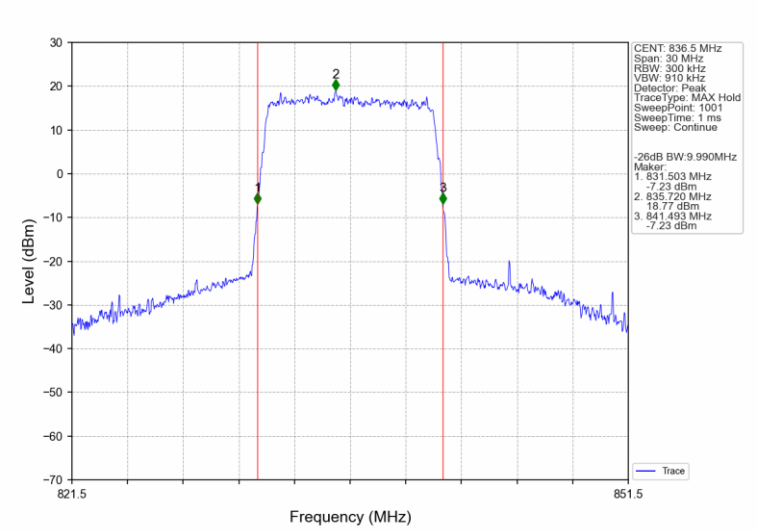
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



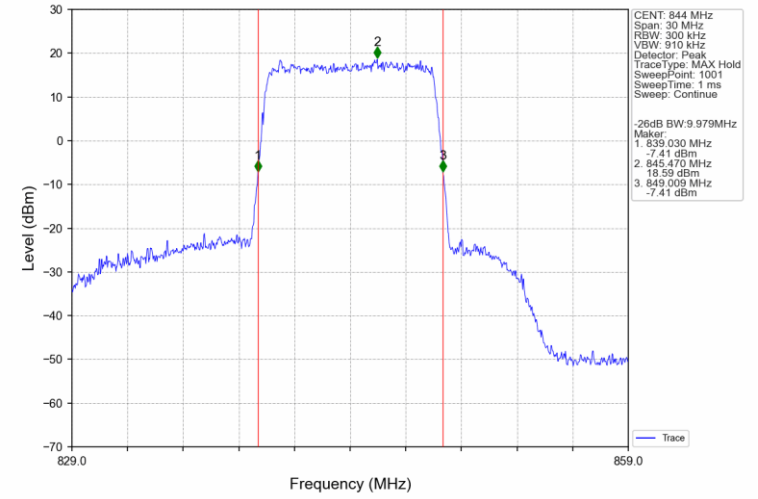
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.74	<=13	Pass
	836.5	6	0	5.84	<=13	Pass
	848.3	6	0	5.57	<=13	Pass
16QAM	824.7	6	0	5.70	<=13	Pass
	836.5	6	0	5.84	<=13	Pass
	848.3	6	0	5.58	<=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	5.72	<=13	Pass
	836.5	15	0	5.86	<=13	Pass
	847.5	15	0	5.63	<=13	Pass
16QAM	825.5	15	0	6.56	<=13	Pass
	836.5	15	0	6.65	<=13	Pass
	847.5	15	0	6.52	<=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	5.74	<=13	Pass
	836.5	25	0	5.77	<=13	Pass
	846.5	25	0	5.66	<=13	Pass
16QAM	826.5	25	0	6.34	<=13	Pass
	836.5	25	0	6.58	<=13	Pass
	846.5	25	0	6.42	<=13	Pass

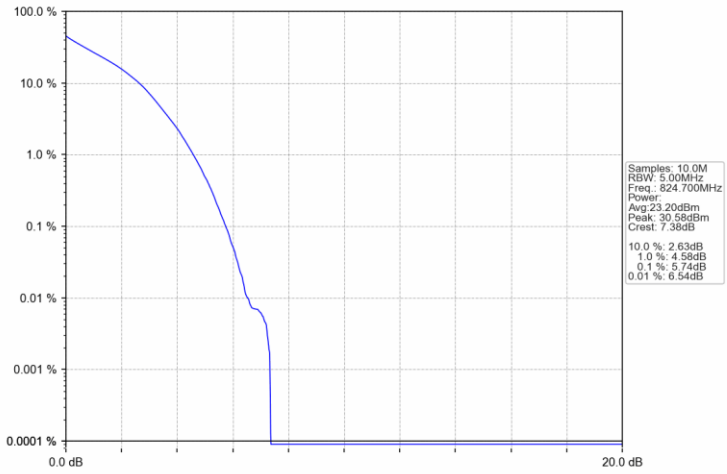
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.80	<=13	Pass
	836.5	50	0	5.73	<=13	Pass
	844	50	0	5.76	<=13	Pass
16QAM	829	50	0	6.52	<=13	Pass
	836.5	50	0	6.51	<=13	Pass
	844	50	0	6.48	<=13	Pass

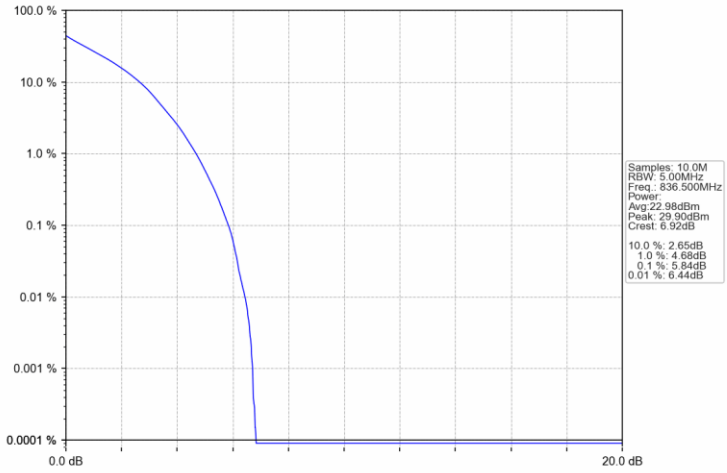
5.2 Test Graph

5.2.1 B5_1.4MHz

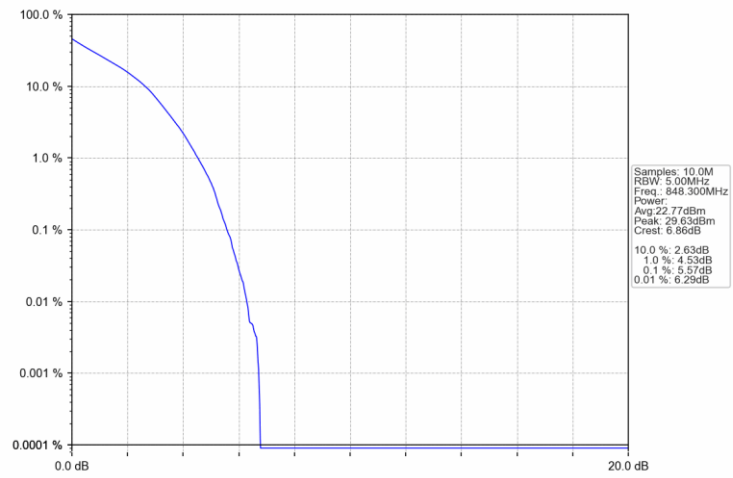
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



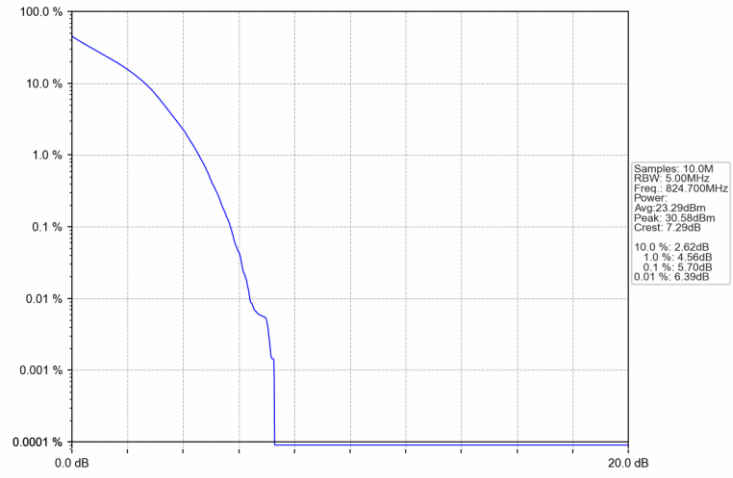
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



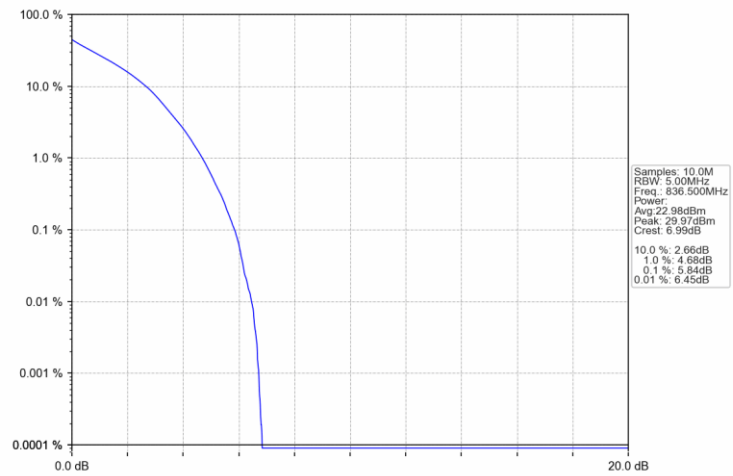
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



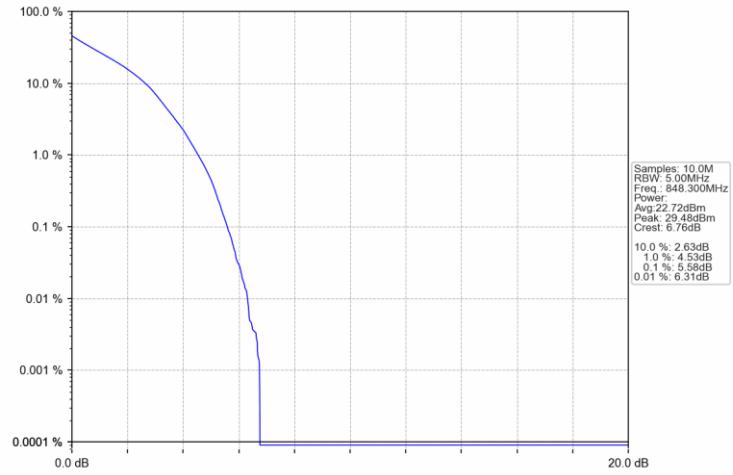
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

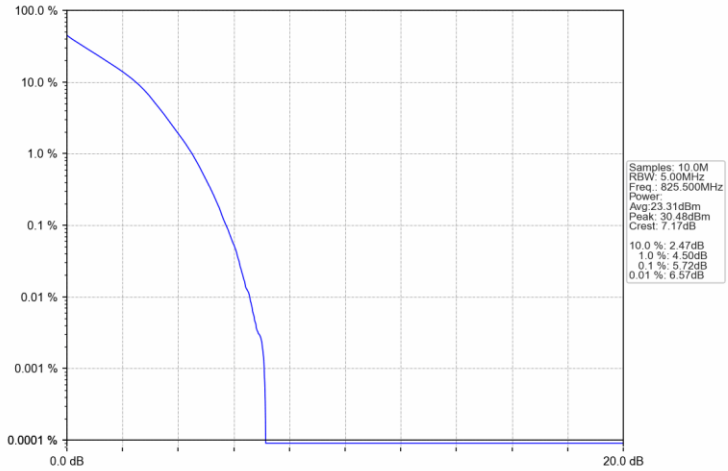


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

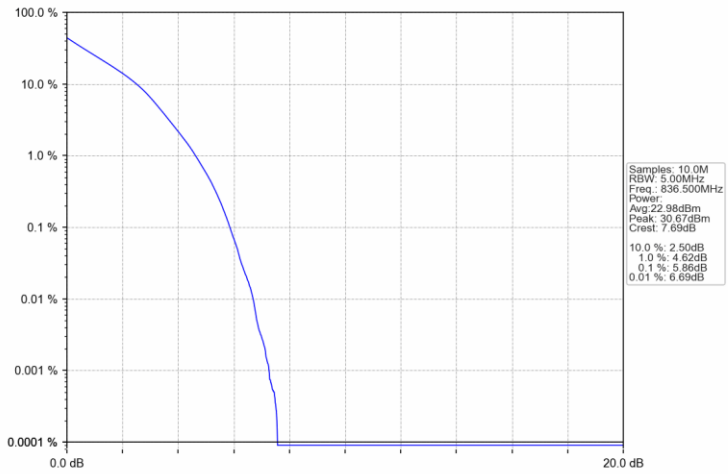


5.2.2 B5_3MHz

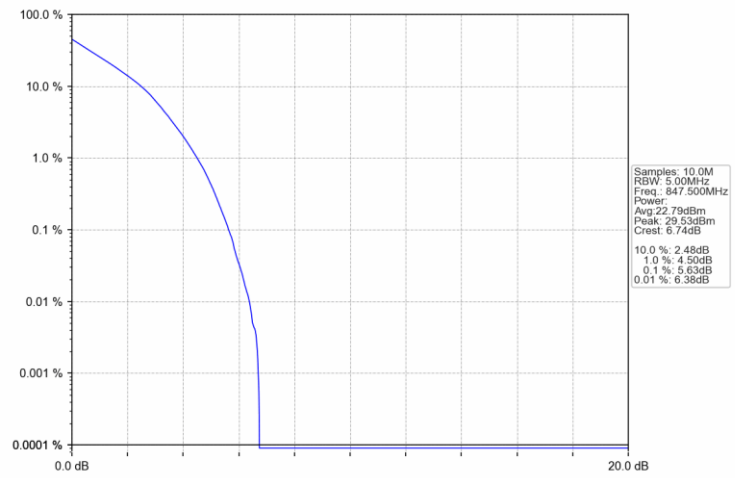
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



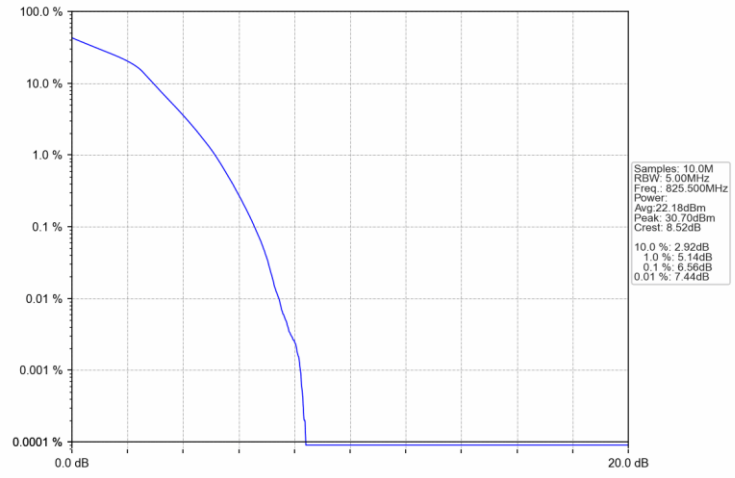
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



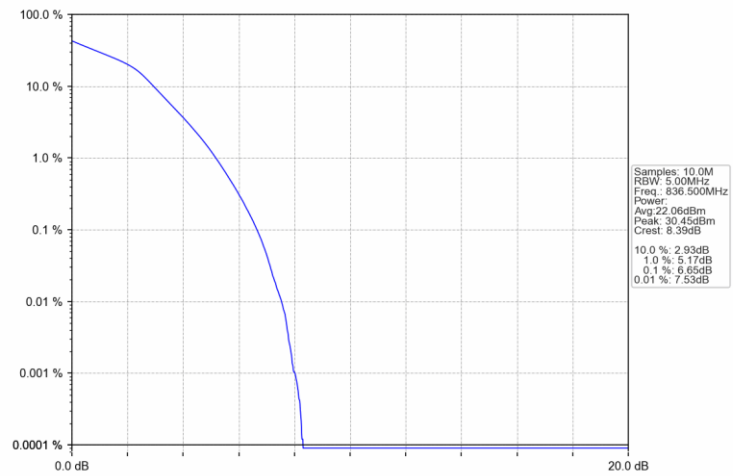
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



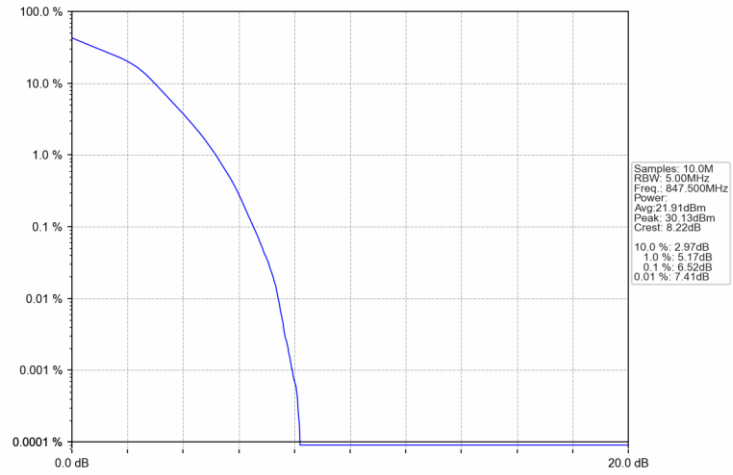
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

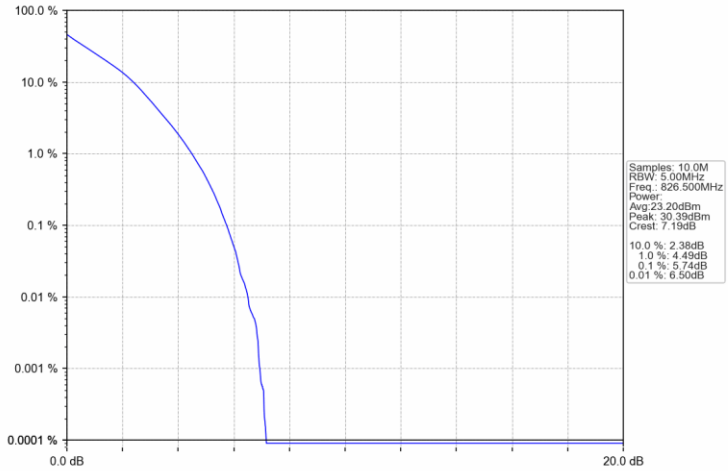


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

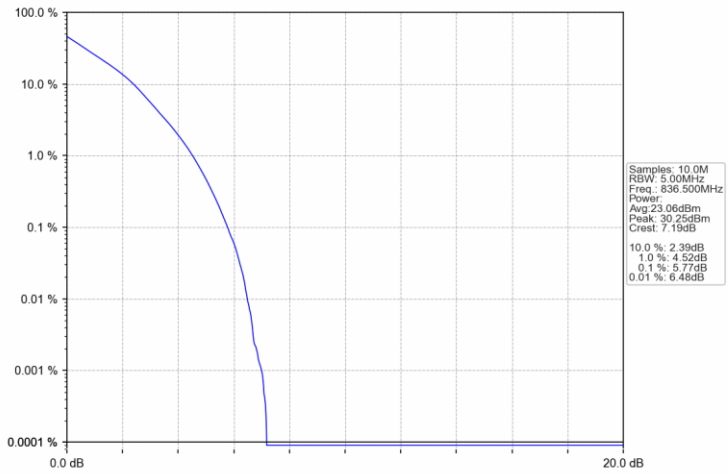


5.2.3 B5_5MHz

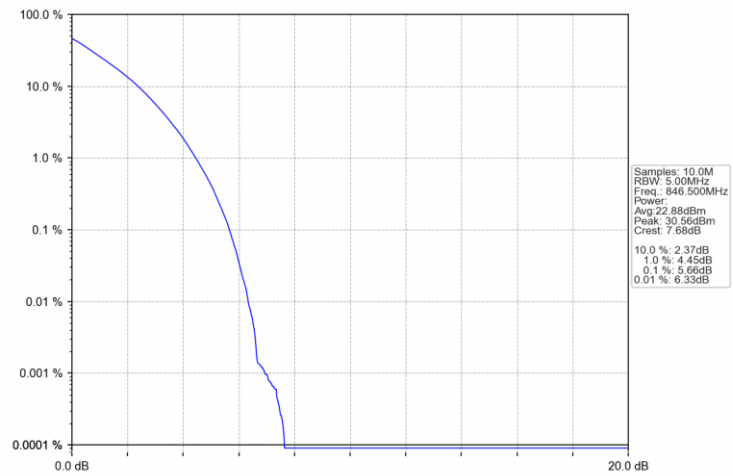
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



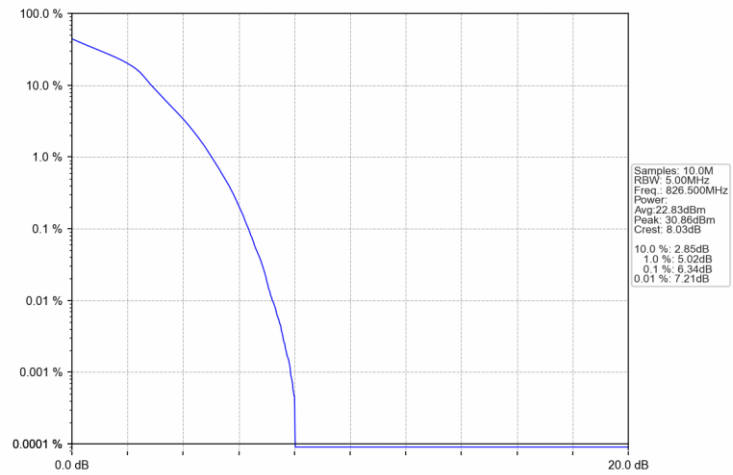
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



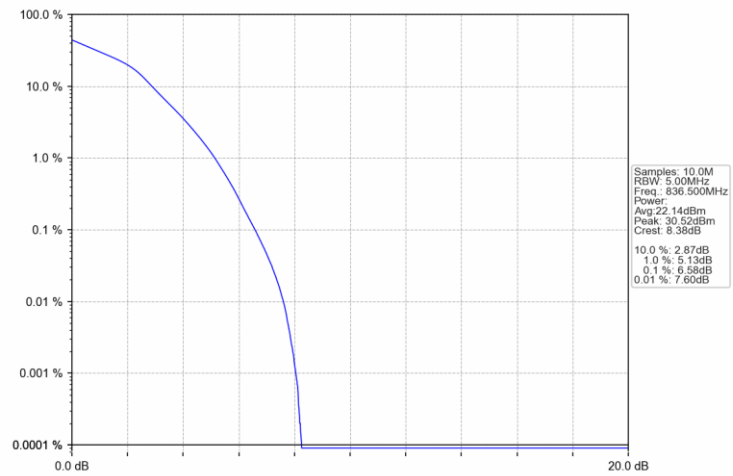
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



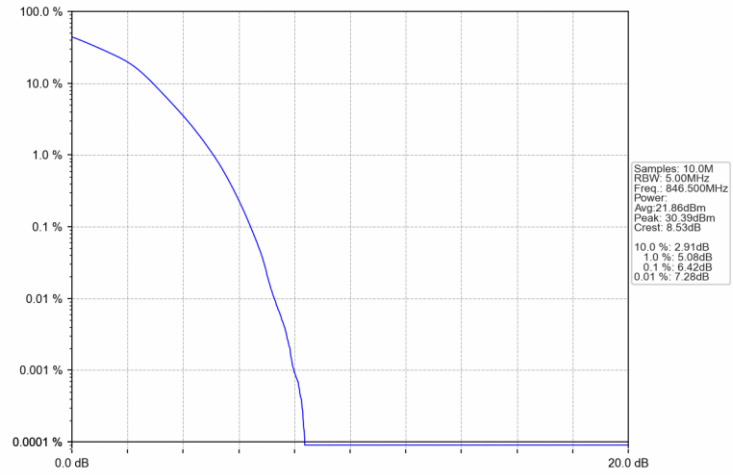
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



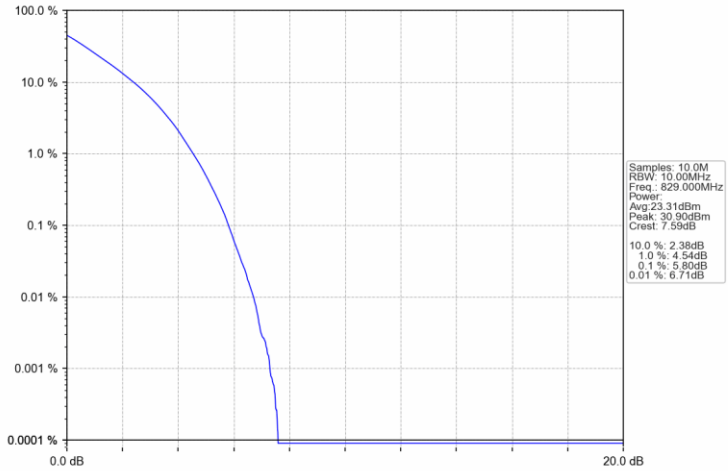
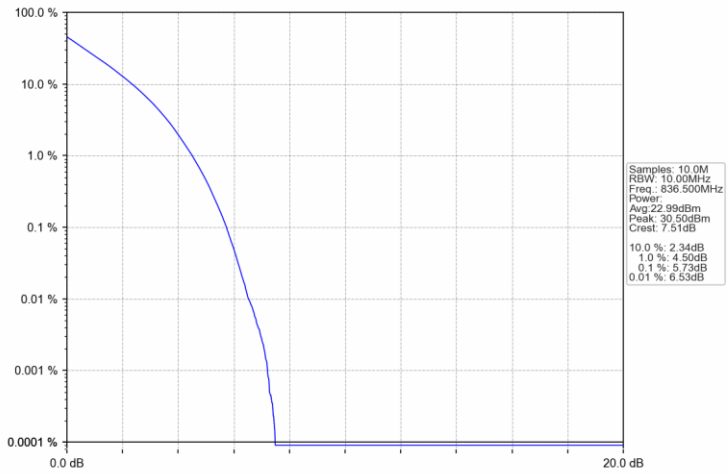
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



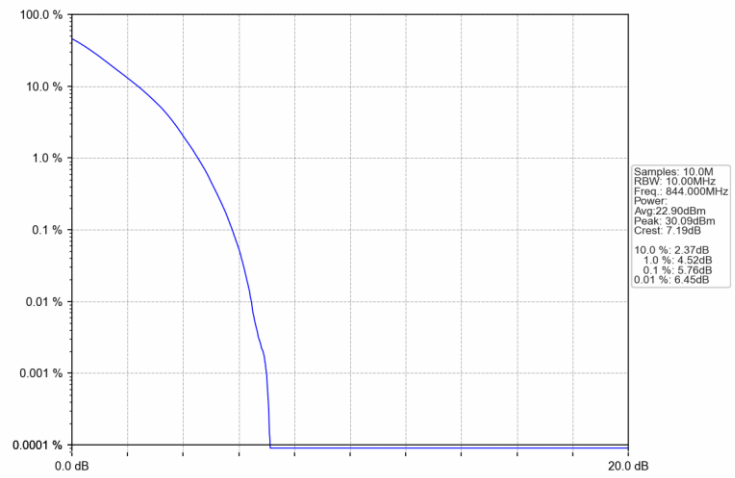
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



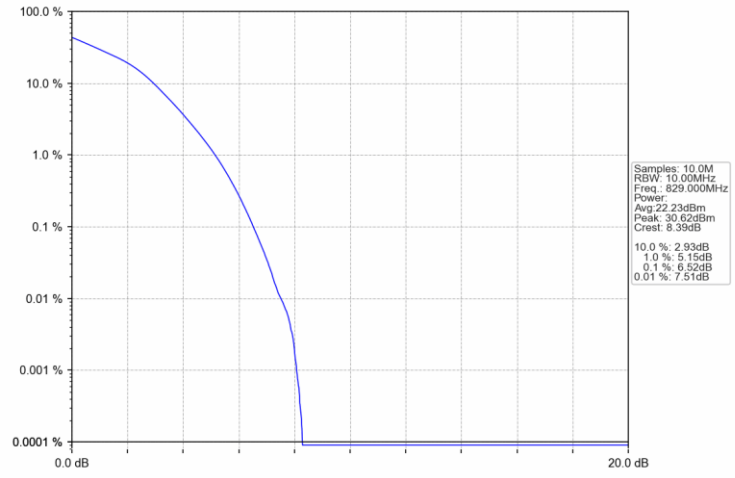
5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV


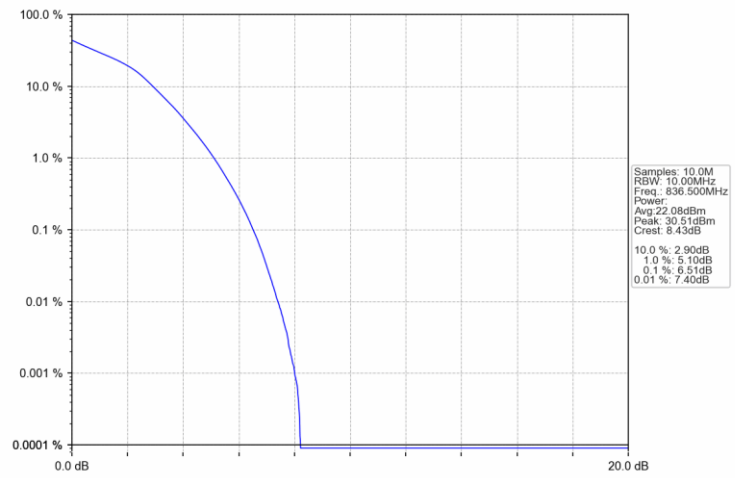
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



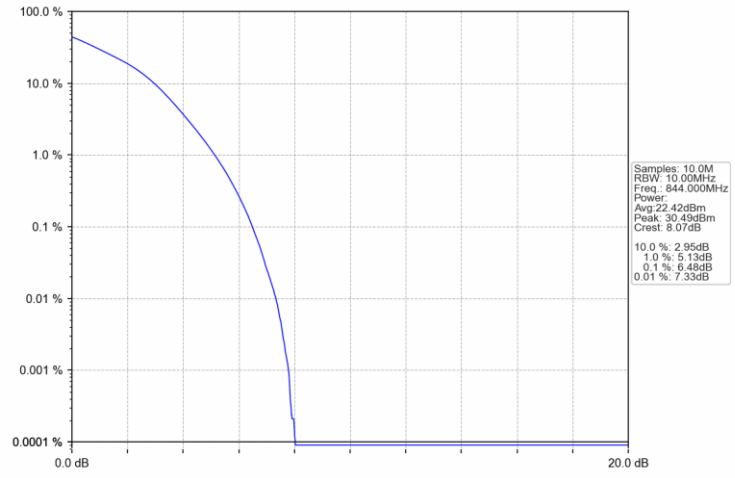
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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

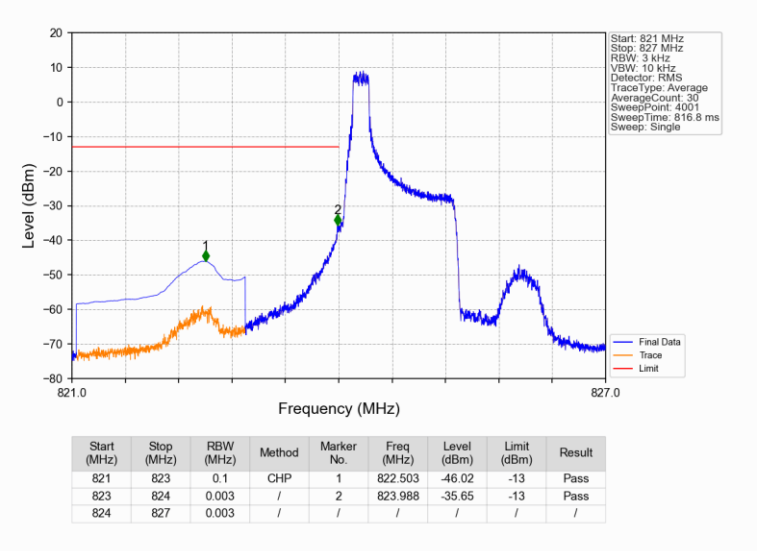
6.1.4 B5_10MHz

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

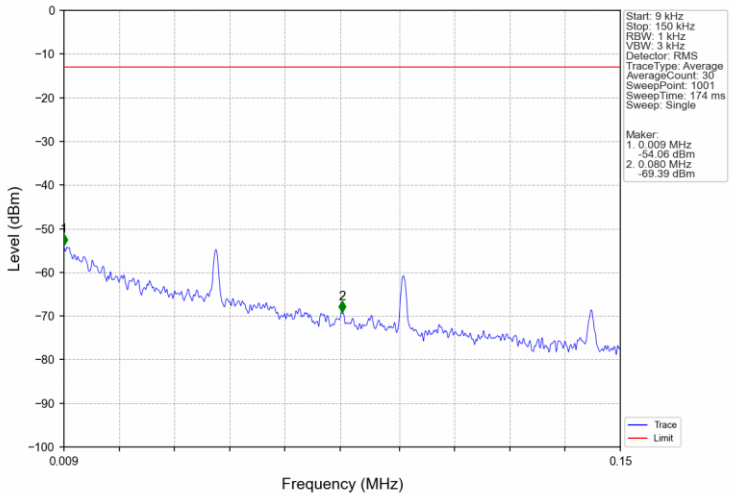
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

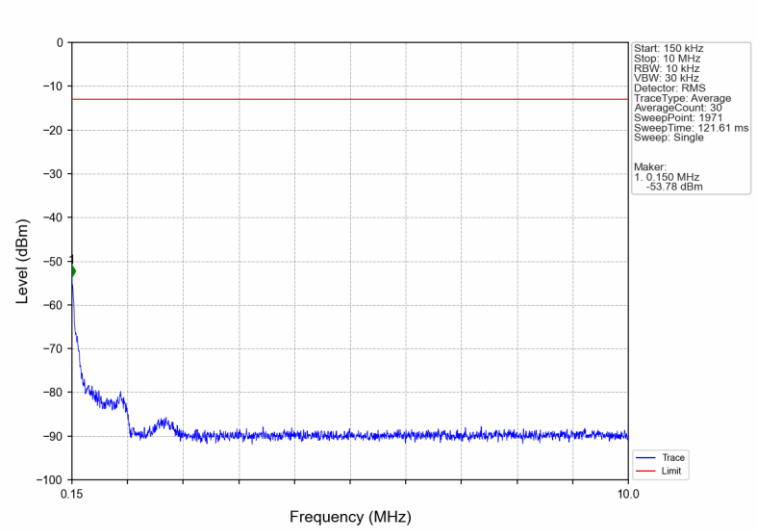


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.503	-46.02	-13	Pass
823	824	0.003	/	2	823.988	-35.65	-13	Pass
824	827	0.003	/	/	/	/	/	/

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