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	21.60	-1.46	17.99	<=34.77	Pass
			2	21.58	-1.46	17.97	<=34.77	Pass
			5	21.62	-1.46	18.01	<=34.77	Pass
		3	0	22.67	-1.46	19.06	<=34.77	Pass
			2	22.62	-1.46	19.01	<=34.77	Pass
			3	23.49	-1.46	19.88	<=34.77	Pass
		6	0	22.67	-1.46	19.06	<=34.77	Pass
	836.5	1	0	23.42	-1.46	19.81	<=34.77	Pass
			2	23.35	-1.46	19.74	<=34.77	Pass
			5	23.37	-1.46	19.76	<=34.77	Pass
		3	0	23.43	-1.46	19.82	<=34.77	Pass
			2	23.49	-1.46	19.88	<=34.77	Pass
			3	23.52	-1.46	19.91	<=34.77	Pass
		6	0	22.37	-1.46	18.76	<=34.77	Pass
	848.3	1	0	23.34	-1.46	19.73	<=34.77	Pass
			2	23.17	-1.46	19.56	<=34.77	Pass
			5	23.25	-1.46	19.64	<=34.77	Pass
		3	0	23.15	-1.46	19.54	<=34.77	Pass
			2	23.10	-1.46	19.49	<=34.77	Pass
			3	23.12	-1.46	19.51	<=34.77	Pass
		6	0	22.15	-1.46	18.54	<=34.77	Pass
16QAM	824.7	1	0	23.22	-1.46	19.61	<=34.77	Pass
			2	23.13	-1.46	19.52	<=34.77	Pass
			5	23.19	-1.46	19.58	<=34.77	Pass
		3	0	22.61	-1.46	19.00	<=34.77	Pass
			2	22.58	-1.46	18.97	<=34.77	Pass
			3	22.60	-1.46	18.99	<=34.77	Pass
		6	0	21.82	-1.46	18.21	<=34.77	Pass
	836.5	1	0	23.04	-1.46	19.43	<=34.77	Pass
			2	23.00	-1.46	19.39	<=34.77	Pass
			5	23.02	-1.46	19.41	<=34.77	Pass
		3	0	22.29	-1.46	18.68	<=34.77	Pass
			2	22.31	-1.46	18.70	<=34.77	Pass
			3	22.34	-1.46	18.73	<=34.77	Pass
		6	0	21.46	-1.46	17.85	<=34.77	Pass
	848.3	1	0	22.19	-1.46	18.58	<=34.77	Pass
			2	22.17	-1.46	18.56	<=34.77	Pass
			5	22.21	-1.46	18.60	<=34.77	Pass
		3	0	21.78	-1.46	18.17	<=34.77	Pass
			2	21.87	-1.46	18.26	<=34.77	Pass
			3	22.01	-1.46	18.40	<=34.77	Pass
		6	0	21.34	-1.46	17.73	<=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	23.44	-1.46	19.83	<=34.77	Pass
			7	23.42	-1.46	19.81	<=34.77	Pass
			14	23.41	-1.46	19.80	<=34.77	Pass
		8	0	22.59	-1.46	18.98	<=34.77	Pass
			4	22.55	-1.46	18.94	<=34.77	Pass
			7	22.46	-1.46	18.85	<=34.77	Pass
		15	0	22.54	-1.46	18.93	<=34.77	Pass
	836.5	1	0	23.53	-1.46	19.92	<=34.77	Pass
			7	23.45	-1.46	19.84	<=34.77	Pass
			14	23.41	-1.46	19.80	<=34.77	Pass
		8	0	22.38	-1.46	18.77	<=34.77	Pass
			4	22.46	-1.46	18.85	<=34.77	Pass
			7	22.48	-1.46	18.87	<=34.77	Pass
		15	0	22.41	-1.46	18.80	<=34.77	Pass
	847.5	1	0	23.28	-1.46	19.67	<=34.77	Pass
			7	23.22	-1.46	19.61	<=34.77	Pass
			14	23.18	-1.46	19.57	<=34.77	Pass
		8	0	22.22	-1.46	18.61	<=34.77	Pass
			4	22.18	-1.46	18.57	<=34.77	Pass
			7	22.20	-1.46	18.59	<=34.77	Pass
		15	0	22.13	-1.46	18.52	<=34.77	Pass
16QAM	825.5	1	0	23.45	-1.46	19.84	<=34.77	Pass
			7	23.42	-1.46	19.81	<=34.77	Pass
			14	23.44	-1.46	19.83	<=34.77	Pass
		8	0	21.90	-1.46	18.29	<=34.77	Pass
			4	21.87	-1.46	18.26	<=34.77	Pass
			7	21.79	-1.46	18.18	<=34.77	Pass
		15	0	21.62	-1.46	18.01	<=34.77	Pass
	836.5	1	0	22.49	-1.46	18.88	<=34.77	Pass
			7	22.39	-1.46	18.78	<=34.77	Pass
			14	22.43	-1.46	18.82	<=34.77	Pass
		8	0	21.57	-1.46	17.96	<=34.77	Pass
			4	21.65	-1.46	18.04	<=34.77	Pass
			7	21.63	-1.46	18.02	<=34.77	Pass
		15	0	21.47	-1.46	17.86	<=34.77	Pass
	847.5	1	0	23.16	-1.46	19.55	<=34.77	Pass
			7	23.09	-1.46	19.48	<=34.77	Pass
			14	23.14	-1.46	19.53	<=34.77	Pass
		8	0	21.28	-1.46	17.67	<=34.77	Pass
			4	21.23	-1.46	17.62	<=34.77	Pass
			7	21.32	-1.46	17.71	<=34.77	Pass
		15	0	21.20	-1.46	17.59	<=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	23.52	-1.46	19.91	<=34.77	Pass
			13	23.43	-1.46	19.82	<=34.77	Pass
			24	23.45	-1.46	19.84	<=34.77	Pass
		12	0	22.54	-1.46	18.93	<=34.77	Pass
			6	22.44	-1.46	18.83	<=34.77	Pass
			13	22.54	-1.46	18.93	<=34.77	Pass
		25	0	22.47	-1.46	18.86	<=34.77	Pass

	836.5	1	0	23.47	-1.46	19.86	<=34.77	Pass
			13	23.25	-1.46	19.64	<=34.77	Pass
			24	23.26	-1.46	19.65	<=34.77	Pass
		12	0	22.46	-1.46	18.85	<=34.77	Pass
			6	22.39	-1.46	18.78	<=34.77	Pass
			13	22.37	-1.46	18.76	<=34.77	Pass
		25	0	22.45	-1.46	18.84	<=34.77	Pass
	846.5	1	0	23.26	-1.46	19.65	<=34.77	Pass
			13	23.24	-1.46	19.63	<=34.77	Pass
			24	23.15	-1.46	19.54	<=34.77	Pass
		12	0	22.19	-1.46	18.58	<=34.77	Pass
			6	22.27	-1.46	18.66	<=34.77	Pass
			13	22.13	-1.46	18.52	<=34.77	Pass
		25	0	22.14	-1.46	18.53	<=34.77	Pass
16QAM	826.5	1	0	22.08	-1.46	18.47	<=34.77	Pass
			13	22.07	-1.46	18.46	<=34.77	Pass
			24	22.07	-1.46	18.46	<=34.77	Pass
		12	0	21.56	-1.46	17.95	<=34.77	Pass
			6	21.51	-1.46	17.90	<=34.77	Pass
			13	21.59	-1.46	17.98	<=34.77	Pass
		25	0	21.51	-1.46	17.90	<=34.77	Pass
	836.5	1	0	22.70	-1.46	19.09	<=34.77	Pass
			13	22.91	-1.46	19.30	<=34.77	Pass
			24	22.90	-1.46	19.29	<=34.77	Pass
		12	0	21.37	-1.46	17.76	<=34.77	Pass
			6	21.48	-1.46	17.87	<=34.77	Pass
			13	21.45	-1.46	17.84	<=34.77	Pass
		25	0	21.56	-1.46	17.95	<=34.77	Pass
	846.5	1	0	22.65	-1.46	19.04	<=34.77	Pass
			13	22.55	-1.46	18.94	<=34.77	Pass
			24	22.58	-1.46	18.97	<=34.77	Pass
		12	0	21.05	-1.46	17.44	<=34.77	Pass
			6	21.08	-1.46	17.47	<=34.77	Pass
			13	20.98	-1.46	17.37	<=34.77	Pass
		25	0	21.08	-1.46	17.47	<=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	23.38	-1.46	19.77	<=34.77	Pass
			25	23.39	-1.46	19.78	<=34.77	Pass
			49	23.38	-1.46	19.77	<=34.77	Pass
		25	0	22.55	-1.46	18.94	<=34.77	Pass
			13	22.46	-1.46	18.85	<=34.77	Pass
			25	22.43	-1.46	18.82	<=34.77	Pass
		50	0	22.39	-1.46	18.78	<=34.77	Pass
	836.5	1	0	23.43	-1.46	19.82	<=34.77	Pass
			25	23.34	-1.46	19.73	<=34.77	Pass
			49	23.24	-1.46	19.63	<=34.77	Pass
		25	0	22.36	-1.46	18.75	<=34.77	Pass
			13	22.41	-1.46	18.80	<=34.77	Pass
			25	22.36	-1.46	18.75	<=34.77	Pass
		50	0	22.38	-1.46	18.77	<=34.77	Pass
	844	1	0	23.25	-1.46	19.64	<=34.77	Pass
			25	23.14	-1.46	19.53	<=34.77	Pass

			49	23.01	-1.46	19.40	<=34.77	Pass
		25	0	22.31	-1.46	18.70	<=34.77	Pass
			13	22.22	-1.46	18.61	<=34.77	Pass
			25	22.13	-1.46	18.52	<=34.77	Pass
		50	0	22.22	-1.46	18.61	<=34.77	Pass
16QAM	829	1	0	23.16	-1.46	19.55	<=34.77	Pass
			25	23.16	-1.46	19.55	<=34.77	Pass
			49	23.17	-1.46	19.56	<=34.77	Pass
		25	0	21.56	-1.46	17.95	<=34.77	Pass
			13	21.34	-1.46	17.73	<=34.77	Pass
			25	21.51	-1.46	17.90	<=34.77	Pass
		50	0	21.53	-1.46	17.92	<=34.77	Pass
	836.5	1	0	22.84	-1.46	19.23	<=34.77	Pass
			25	22.70	-1.46	19.09	<=34.77	Pass
			49	22.59	-1.46	18.98	<=34.77	Pass
		25	0	21.56	-1.46	17.95	<=34.77	Pass
			13	21.59	-1.46	17.98	<=34.77	Pass
			25	21.50	-1.46	17.89	<=34.77	Pass
		50	0	21.50	-1.46	17.89	<=34.77	Pass
	844	1	0	23.54	-1.46	19.93	<=34.77	Pass
			25	23.44	-1.46	19.83	<=34.77	Pass
			49	23.30	-1.46	19.69	<=34.77	Pass
		25	0	21.40	-1.46	17.79	<=34.77	Pass
			13	21.21	-1.46	17.60	<=34.77	Pass
			25	21.14	-1.46	17.53	<=34.77	Pass
		50	0	21.22	-1.46	17.61	<=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	3.27	-11.315	-0.0137	-2.5 to 2.5	Pass
					3.85	-27.151	-0.0329	-2.5 to 2.5	Pass
					4.43	-28.853	-0.0350	-2.5 to 2.5	Pass
				-30	3.85	-24.405	-0.0296	-2.5 to 2.5	Pass
				-20	3.85	-19.727	-0.0239	-2.5 to 2.5	Pass
				-10	3.85	-19.383	-0.0235	-2.5 to 2.5	Pass
				0	3.85	-21.200	-0.0257	-2.5 to 2.5	Pass
				10	3.85	-26.264	-0.0318	-2.5 to 2.5	Pass
				30	3.85	-34.719	-0.0421	-2.5 to 2.5	Pass
				40	3.85	-43.802	-0.0531	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	1.645	0.0020	-2.5 to 2.5	Pass
					3.85	2.060	0.0025	-2.5 to 2.5	Pass
					4.43	1.974	0.0024	-2.5 to 2.5	Pass
				-30	3.85	3.762	0.0045	-2.5 to 2.5	Pass
				-20	3.85	2.861	0.0034	-2.5 to 2.5	Pass
				-10	3.85	3.362	0.0040	-2.5 to 2.5	Pass
				0	3.85	5.450	0.0065	-2.5 to 2.5	Pass
				10	3.85	7.811	0.0093	-2.5 to 2.5	Pass

				30	3.85	11.730	0.0140	-2.5 to 2.5	Pass
				40	3.85	16.093	0.0192	-2.5 to 2.5	Pass
				50	3.85	17.710	0.0212	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-9.384	-0.0111	-2.5 to 2.5	Pass
					3.85	-20.242	-0.0239	-2.5 to 2.5	Pass
					4.43	-21.844	-0.0258	-2.5 to 2.5	Pass
				-30	3.85	-18.854	-0.0222	-2.5 to 2.5	Pass
				-20	3.85	-20.070	-0.0237	-2.5 to 2.5	Pass
				-10	3.85	-21.873	-0.0258	-2.5 to 2.5	Pass
				0	3.85	-25.992	-0.0306	-2.5 to 2.5	Pass
				10	3.85	-33.917	-0.0400	-2.5 to 2.5	Pass
				30	3.85	-44.532	-0.0525	-2.5 to 2.5	Pass
				40	3.85	-8.755	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-24.662	-0.0291	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-10.099	-0.0122	-2.5 to 2.5	Pass
					3.85	-14.863	-0.0180	-2.5 to 2.5	Pass
					4.43	-20.585	-0.0250	-2.5 to 2.5	Pass
				-30	3.85	-25.105	-0.0304	-2.5 to 2.5	Pass
				-20	3.85	-28.582	-0.0347	-2.5 to 2.5	Pass
				-10	3.85	-35.505	-0.0431	-2.5 to 2.5	Pass
				0	3.85	-38.581	-0.0468	-2.5 to 2.5	Pass
				10	3.85	-44.017	-0.0534	-2.5 to 2.5	Pass
				30	3.85	3.233	0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.920	-0.0048	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	19.069	0.0228	-2.5 to 2.5	Pass
					3.85	26.336	0.0315	-2.5 to 2.5	Pass
					4.43	30.785	0.0368	-2.5 to 2.5	Pass
				-30	3.85	30.699	0.0367	-2.5 to 2.5	Pass
				-20	3.85	35.205	0.0421	-2.5 to 2.5	Pass
				-10	3.85	39.353	0.0470	-2.5 to 2.5	Pass
				0	3.85	38.495	0.0460	-2.5 to 2.5	Pass
				10	3.85	41.356	0.0494	-2.5 to 2.5	Pass
				30	3.85	43.902	0.0525	-2.5 to 2.5	Pass
				40	3.85	8.740	0.0104	-2.5 to 2.5	Pass
				50	3.85	8.440	0.0101	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-39.597	-0.0467	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0031	-2.5 to 2.5	Pass
					4.43	-12.932	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-25.492	-0.0301	-2.5 to 2.5	Pass
				-20	3.85	-37.723	-0.0445	-2.5 to 2.5	Pass
				-10	3.85	-47.679	-0.0562	-2.5 to 2.5	Pass
				0	3.85	-10.543	-0.0124	-2.5 to 2.5	Pass
				10	3.85	-17.653	-0.0208	-2.5 to 2.5	Pass
				30	3.85	-26.822	-0.0316	-2.5 to 2.5	Pass
				40	3.85	-32.558	-0.0384	-2.5 to 2.5	Pass
				50	3.85	-38.667	-0.0456	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-16.007	-0.0194	-2.5 to 2.5	Pass
					3.85	-34.747	-0.0421	-2.5 to 2.5	Pass
					4.43	-46.191	-0.0560	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-11.072	-0.0134	-2.5 to 2.5	Pass

				-10	3.85	-16.036	-0.0194	-2.5 to 2.5	Pass
				0	3.85	-20.370	-0.0247	-2.5 to 2.5	Pass
				10	3.85	-29.426	-0.0356	-2.5 to 2.5	Pass
				30	3.85	-41.041	-0.0497	-2.5 to 2.5	Pass
				40	3.85	-50.740	-0.0615	-2.5 to 2.5	Pass
				50	3.85	-6.108	-0.0074	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-1.888	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.619	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				50	3.85	3.304	0.0039	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	5.379	0.0063	-2.5 to 2.5	Pass
					3.85	3.104	0.0037	-2.5 to 2.5	Pass
					4.43	3.119	0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-6.881	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-7.038	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-9.584	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-12.088	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-18.668	-0.0220	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-13.804	-0.0167	-2.5 to 2.5	Pass
					3.85	-18.897	-0.0229	-2.5 to 2.5	Pass
					4.43	-22.116	-0.0268	-2.5 to 2.5	Pass
				-30	3.85	-28.410	-0.0344	-2.5 to 2.5	Pass
				-20	3.85	-33.131	-0.0401	-2.5 to 2.5	Pass
				-10	3.85	-38.209	-0.0463	-2.5 to 2.5	Pass
				0	3.85	-43.859	-0.0531	-2.5 to 2.5	Pass
				10	3.85	-43.459	-0.0526	-2.5 to 2.5	Pass
				30	3.85	-46.678	-0.0565	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.345	-0.0016	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	6.995	0.0084	-2.5 to 2.5	Pass
					3.85	13.461	0.0161	-2.5 to 2.5	Pass
					4.43	19.369	0.0232	-2.5 to 2.5	Pass
				-30	3.85	21.701	0.0259	-2.5 to 2.5	Pass
				-20	3.85	24.405	0.0292	-2.5 to 2.5	Pass
				-10	3.85	27.137	0.0324	-2.5 to 2.5	Pass
				0	3.85	29.240	0.0350	-2.5 to 2.5	Pass
				10	3.85	29.998	0.0359	-2.5 to 2.5	Pass
				30	3.85	33.016	0.0395	-2.5 to 2.5	Pass
				40	3.85	35.992	0.0430	-2.5 to 2.5	Pass
				50	3.85	40.026	0.0478	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-24.376	-0.0288	-2.5 to 2.5	Pass
					3.85	-20.700	-0.0244	-2.5 to 2.5	Pass
					4.43	-22.445	-0.0265	-2.5 to 2.5	Pass
				-30	3.85	-22.688	-0.0268	-2.5 to 2.5	Pass
				-20	3.85	-23.947	-0.0283	-2.5 to 2.5	Pass
				-10	3.85	-22.130	-0.0261	-2.5 to 2.5	Pass
				0	3.85	-24.333	-0.0287	-2.5 to 2.5	Pass
				10	3.85	-26.150	-0.0309	-2.5 to 2.5	Pass
				30	3.85	-26.965	-0.0318	-2.5 to 2.5	Pass

				40	3.85	-24.347	-0.0287	-2.5 to 2.5	Pass
				50	3.85	-26.307	-0.0310	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-7.553	-0.0091	-2.5 to 2.5	Pass
					3.85	-25.592	-0.0310	-2.5 to 2.5	Pass
					4.43	-33.832	-0.0409	-2.5 to 2.5	Pass
				-30	3.85	-36.321	-0.0439	-2.5 to 2.5	Pass
				-20	3.85	-39.496	-0.0478	-2.5 to 2.5	Pass
				-10	3.85	-41.070	-0.0497	-2.5 to 2.5	Pass
				0	3.85	-47.450	-0.0574	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.862	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-10.414	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-18.497	-0.0224	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	11.058	0.0132	-2.5 to 2.5	Pass
					3.85	6.695	0.0080	-2.5 to 2.5	Pass
					4.43	4.907	0.0059	-2.5 to 2.5	Pass
				-30	3.85	1.945	0.0023	-2.5 to 2.5	Pass
				-20	3.85	7.095	0.0085	-2.5 to 2.5	Pass
				-10	3.85	11.644	0.0139	-2.5 to 2.5	Pass
				0	3.85	14.720	0.0176	-2.5 to 2.5	Pass
				10	3.85	18.783	0.0225	-2.5 to 2.5	Pass
				30	3.85	20.442	0.0244	-2.5 to 2.5	Pass
				40	3.85	25.477	0.0305	-2.5 to 2.5	Pass
				50	3.85	28.110	0.0336	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.990	-0.0035	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.173	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.593	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-6.580	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-9.055	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-13.776	-0.0163	-2.5 to 2.5	Pass
				30	3.85	-16.494	-0.0195	-2.5 to 2.5	Pass
				40	3.85	-16.065	-0.0190	-2.5 to 2.5	Pass
				50	3.85	-18.754	-0.0222	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-25.334	-0.0307	-2.5 to 2.5	Pass
					3.85	-27.938	-0.0338	-2.5 to 2.5	Pass
					4.43	-31.400	-0.0380	-2.5 to 2.5	Pass
				-30	3.85	-40.584	-0.0491	-2.5 to 2.5	Pass
				-20	3.85	-43.931	-0.0532	-2.5 to 2.5	Pass
				-10	3.85	-47.851	-0.0579	-2.5 to 2.5	Pass
				0	3.85	-4.377	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-6.380	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-9.556	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-13.433	-0.0163	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	27.494	0.0329	-2.5 to 2.5	Pass
					3.85	25.992	0.0311	-2.5 to 2.5	Pass
					4.43	29.368	0.0351	-2.5 to 2.5	Pass
				-30	3.85	35.119	0.0420	-2.5 to 2.5	Pass
				-20	3.85	39.282	0.0470	-2.5 to 2.5	Pass
				-10	3.85	45.662	0.0546	-2.5 to 2.5	Pass

				0	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				10	3.85	3.920	0.0047	-2.5 to 2.5	Pass
				30	3.85	8.411	0.0101	-2.5 to 2.5	Pass
				40	3.85	9.785	0.0117	-2.5 to 2.5	Pass
				50	3.85	15.535	0.0186	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-21.544	-0.0255	-2.5 to 2.5	Pass
					3.85	-20.757	-0.0245	-2.5 to 2.5	Pass
					4.43	-20.328	-0.0240	-2.5 to 2.5	Pass
				-30	3.85	-23.203	-0.0274	-2.5 to 2.5	Pass
				-20	3.85	-21.729	-0.0257	-2.5 to 2.5	Pass
				-10	3.85	-20.628	-0.0244	-2.5 to 2.5	Pass
				0	3.85	-19.956	-0.0236	-2.5 to 2.5	Pass
				10	3.85	-21.343	-0.0252	-2.5 to 2.5	Pass
				30	3.85	-20.943	-0.0247	-2.5 to 2.5	Pass
				40	3.85	-20.771	-0.0245	-2.5 to 2.5	Pass
				50	3.85	-18.153	-0.0214	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	2.832	0.0034	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0086	-2.5 to 2.5	Pass
					4.43	-14.849	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-16.079	-0.0194	-2.5 to 2.5	Pass
				-20	3.85	-17.838	-0.0215	-2.5 to 2.5	Pass
				-10	3.85	-23.403	-0.0282	-2.5 to 2.5	Pass
				0	3.85	-28.782	-0.0347	-2.5 to 2.5	Pass
				10	3.85	-32.773	-0.0395	-2.5 to 2.5	Pass
				30	3.85	-36.507	-0.0440	-2.5 to 2.5	Pass
				40	3.85	-41.757	-0.0504	-2.5 to 2.5	Pass
				50	3.85	1.516	0.0018	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	3.633	0.0043	-2.5 to 2.5	Pass
					3.85	6.208	0.0074	-2.5 to 2.5	Pass
					4.43	4.220	0.0050	-2.5 to 2.5	Pass
				-30	3.85	2.532	0.0030	-2.5 to 2.5	Pass
				-20	3.85	3.219	0.0038	-2.5 to 2.5	Pass
				-10	3.85	4.907	0.0059	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0042	-2.5 to 2.5	Pass
				10	3.85	2.832	0.0034	-2.5 to 2.5	Pass
				30	3.85	4.206	0.0050	-2.5 to 2.5	Pass
				40	3.85	7.310	0.0087	-2.5 to 2.5	Pass
				50	3.85	9.427	0.0113	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-4.606	-0.0055	-2.5 to 2.5	Pass
					3.85	-9.284	-0.0110	-2.5 to 2.5	Pass
					4.43	-9.956	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-9.556	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-8.011	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-8.984	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-11.144	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-14.534	-0.0172	-2.5 to 2.5	Pass
				30	3.85	-18.368	-0.0218	-2.5 to 2.5	Pass
				40	3.85	-22.116	-0.0262	-2.5 to 2.5	Pass
				50	3.85	-27.623	-0.0327	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-3.076	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0088	-2.5 to 2.5	Pass

				-30	3.85	-5.221	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-7.625	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-8.497	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-6.967	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-7.367	-0.0089	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	11.144	0.0133	-2.5 to 2.5	Pass
					3.85	17.195	0.0206	-2.5 to 2.5	Pass
					4.43	22.073	0.0264	-2.5 to 2.5	Pass
				-30	3.85	21.644	0.0259	-2.5 to 2.5	Pass
				-20	3.85	27.738	0.0332	-2.5 to 2.5	Pass
				-10	3.85	30.556	0.0365	-2.5 to 2.5	Pass
				0	3.85	31.929	0.0382	-2.5 to 2.5	Pass
				10	3.85	34.761	0.0416	-2.5 to 2.5	Pass
				30	3.85	38.066	0.0455	-2.5 to 2.5	Pass
				40	3.85	26.722	0.0319	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-30.613	-0.0363	-2.5 to 2.5	Pass
					3.85	-28.467	-0.0337	-2.5 to 2.5	Pass
					4.43	-28.553	-0.0338	-2.5 to 2.5	Pass
				-30	3.85	-31.228	-0.0370	-2.5 to 2.5	Pass
				-20	3.85	-30.556	-0.0362	-2.5 to 2.5	Pass
				-10	3.85	-30.012	-0.0356	-2.5 to 2.5	Pass
				0	3.85	-26.393	-0.0313	-2.5 to 2.5	Pass
				10	3.85	-27.008	-0.0320	-2.5 to 2.5	Pass
				30	3.85	-25.091	-0.0297	-2.5 to 2.5	Pass
				40	3.85	-26.793	-0.0317	-2.5 to 2.5	Pass
				50	3.85	-24.605	-0.0292	-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

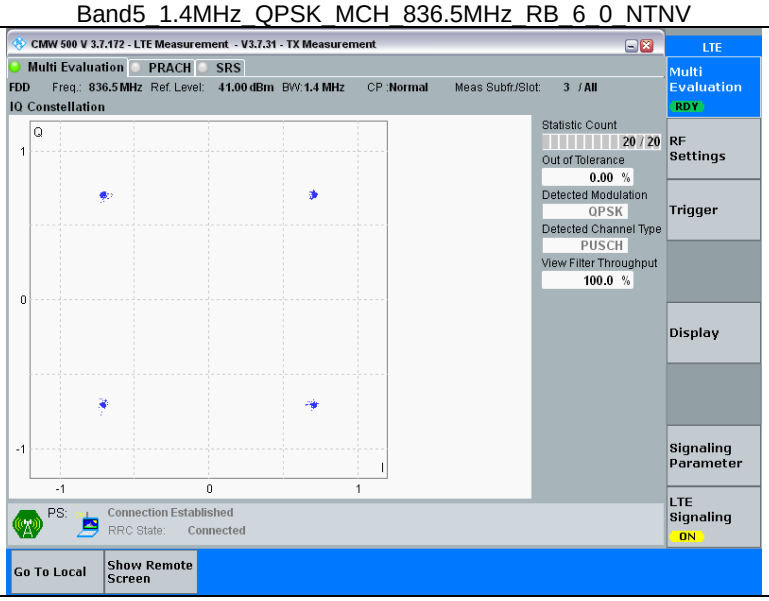
3.1.4 B5_10MHz

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

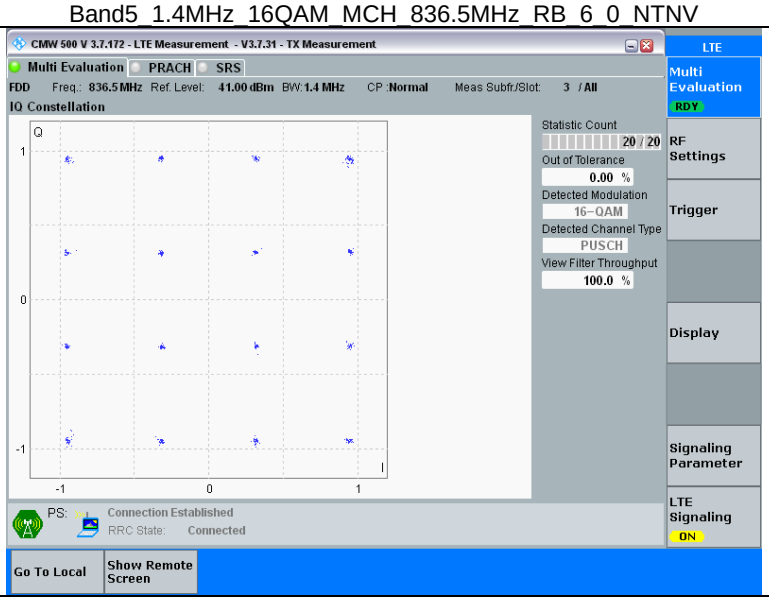
3.2 Test Graph

3.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

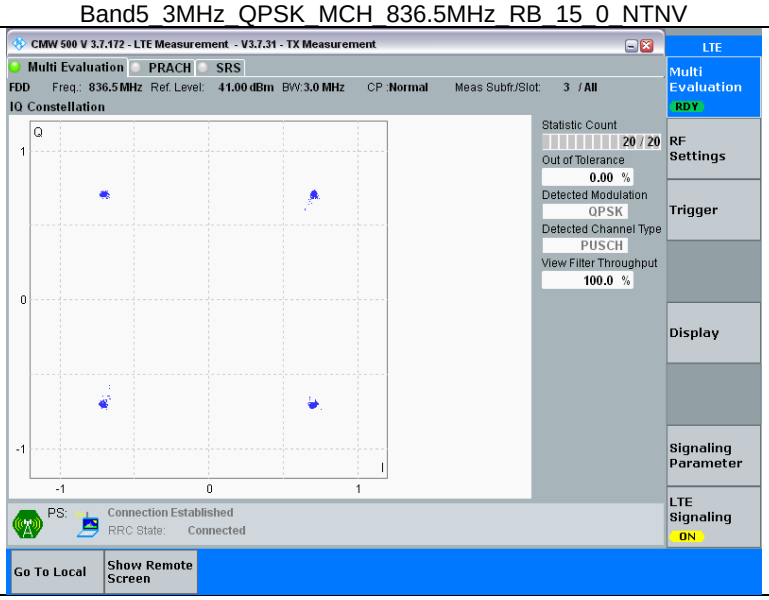


Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

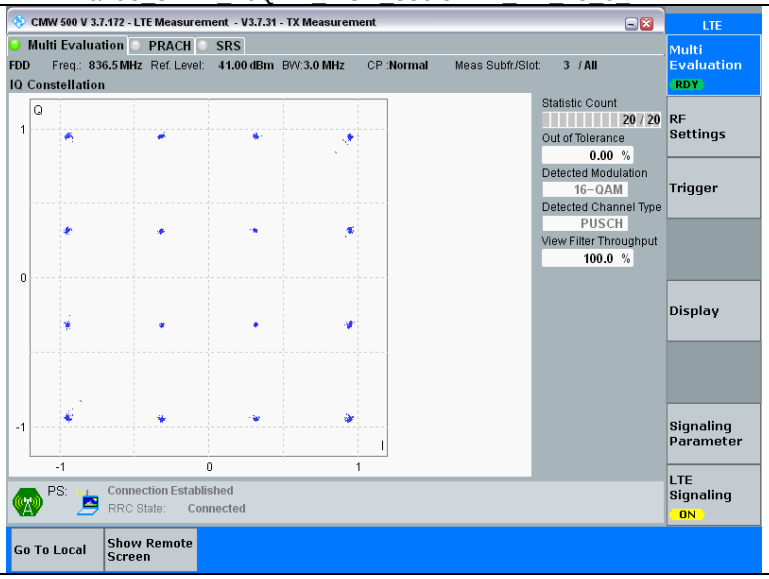


3.2.2 B5_3MHz

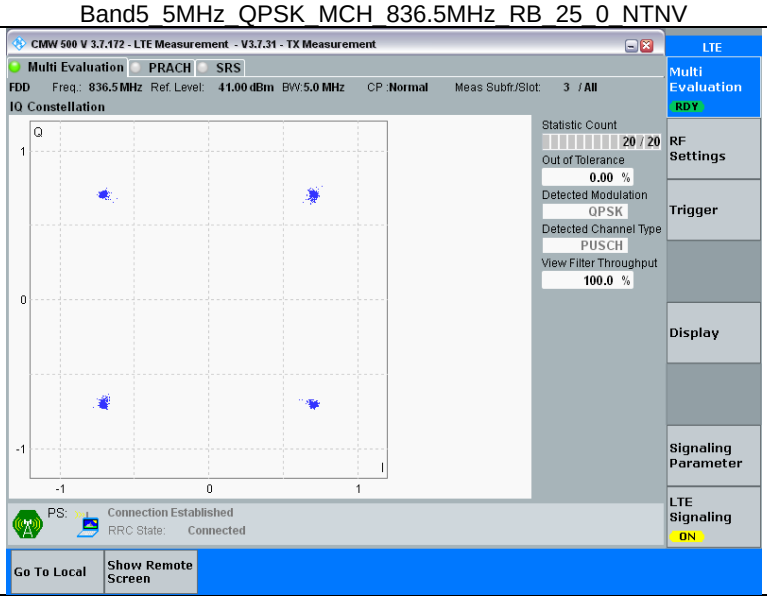
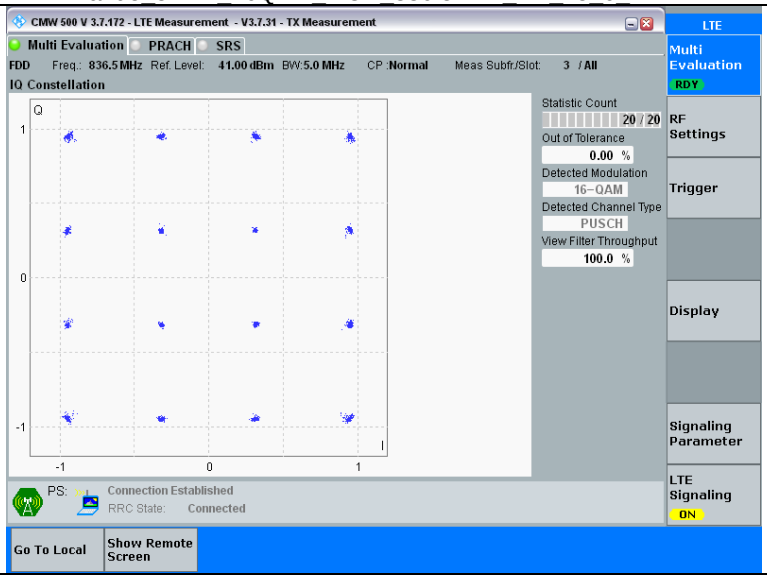
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



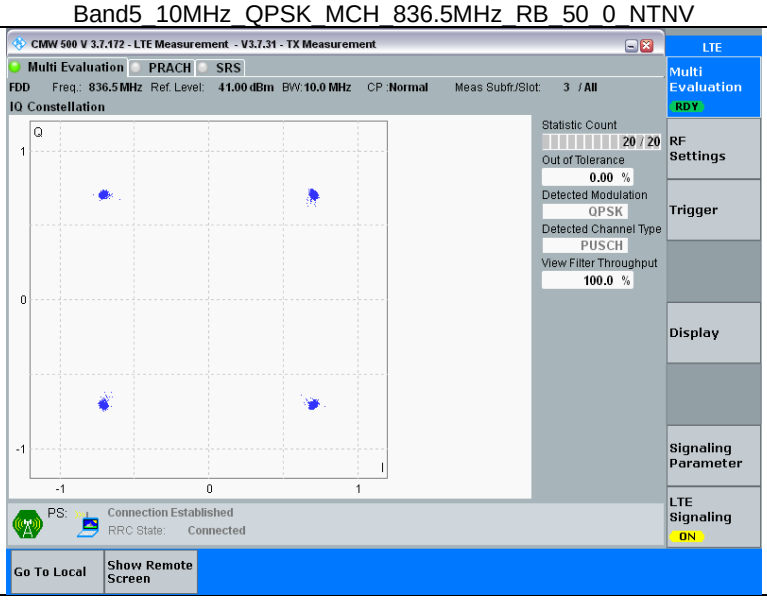
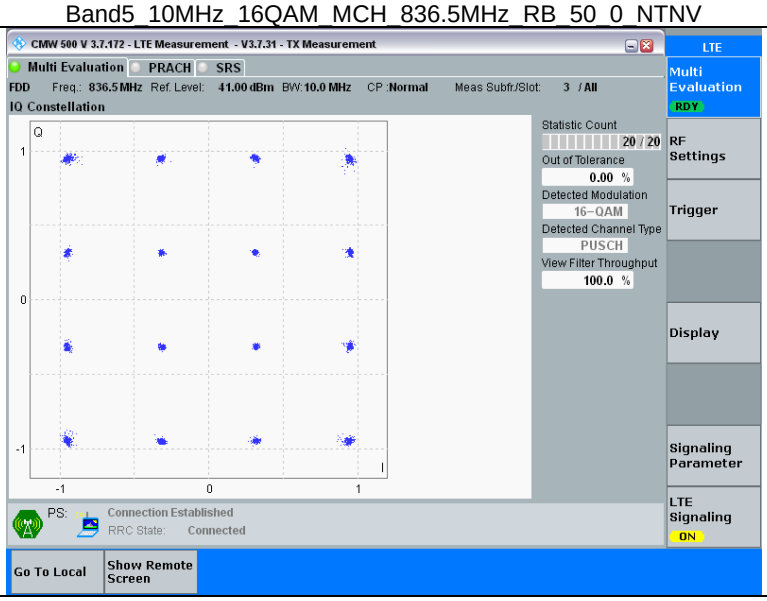
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



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	1.118	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.114	/	Pass
	16QAM	824.7	6	0	1.117	/	Pass
		836.5	6	0	1.107	/	Pass
		848.3	6	0	1.119	/	Pass
3	QPSK	825.5	15	0	2.753	/	Pass
		836.5	15	0	2.762	/	Pass
		847.5	15	0	2.755	/	Pass
	16QAM	825.5	15	0	2.747	/	Pass
		836.5	15	0	2.752	/	Pass
		847.5	15	0	2.751	/	Pass
5	QPSK	826.5	25	0	4.573	/	Pass
		836.5	25	0	4.546	/	Pass
		846.5	25	0	4.555	/	Pass
	16QAM	826.5	25	0	4.543	/	Pass
		836.5	25	0	4.562	/	Pass
		846.5	25	0	4.560	/	Pass
10	QPSK	829	50	0	9.075	/	Pass
		836.5	50	0	9.079	/	Pass
		844	50	0	9.058	/	Pass
	16QAM	829	50	0	9.072	/	Pass
		836.5	50	0	9.042	/	Pass
		844	50	0	9.065	/	Pass

4.1.2 Band5_XDB

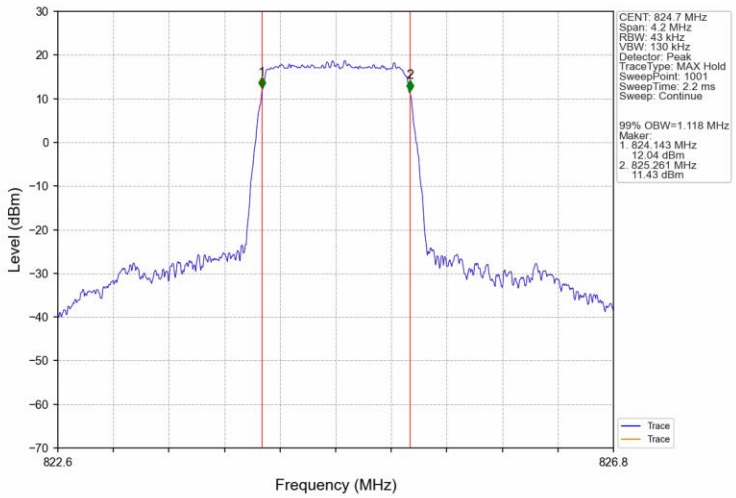
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.270	/	Pass
		836.5	6	0	1.271	/	Pass
		848.3	6	0	1.273	/	Pass
	16QAM	824.7	6	0	1.273	/	Pass
		836.5	6	0	1.262	/	Pass
		848.3	6	0	1.274	/	Pass
3	QPSK	825.5	15	0	3.095	/	Pass
		836.5	15	0	3.092	/	Pass
		847.5	15	0	3.076	/	Pass
	16QAM	825.5	15	0	3.092	/	Pass
		836.5	15	0	3.125	/	Pass
		847.5	15	0	3.092	/	Pass
5	QPSK	826.5	25	0	5.047	/	Pass
		836.5	25	0	5.081	/	Pass
		846.5	25	0	5.053	/	Pass

	16QAM	826.5	25	0	5.064	/	Pass
		836.5	25	0	5.097	/	Pass
		846.5	25	0	5.073	/	Pass
10	QPSK	829	50	0	10.045	/	Pass
		836.5	50	0	10.069	/	Pass
		844	50	0	10.021	/	Pass
	16QAM	829	50	0	10.065	/	Pass
		836.5	50	0	10.080	/	Pass
		844	50	0	10.032	/	Pass

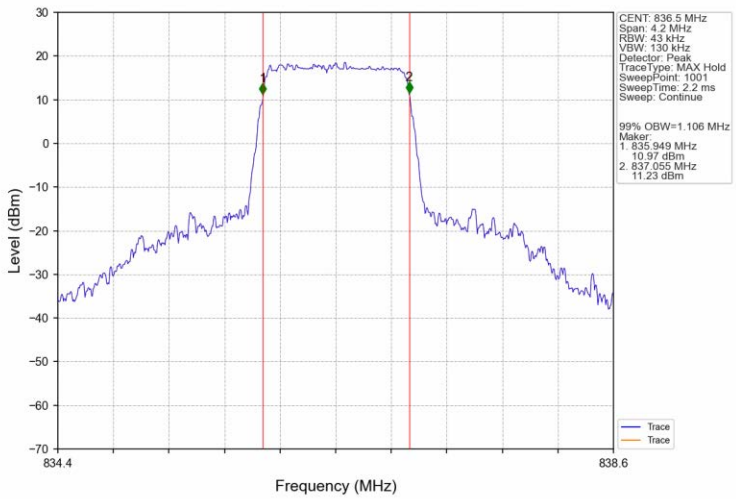
4.2 Test Graph

4.2.1 Band5_OBW

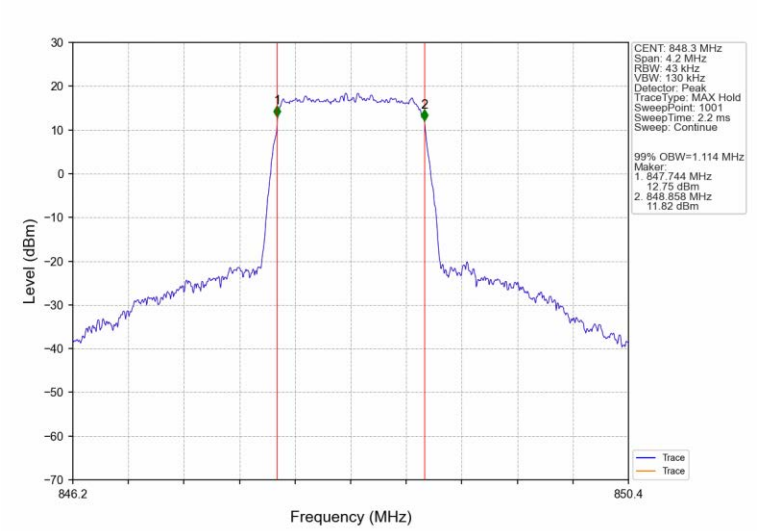
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



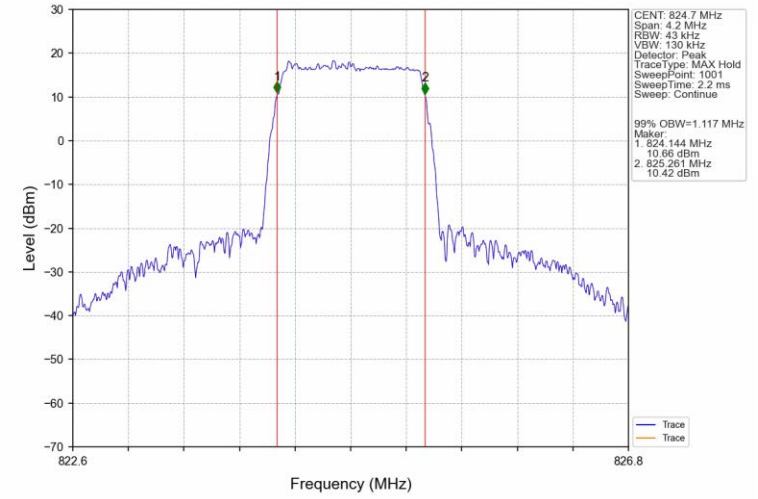
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



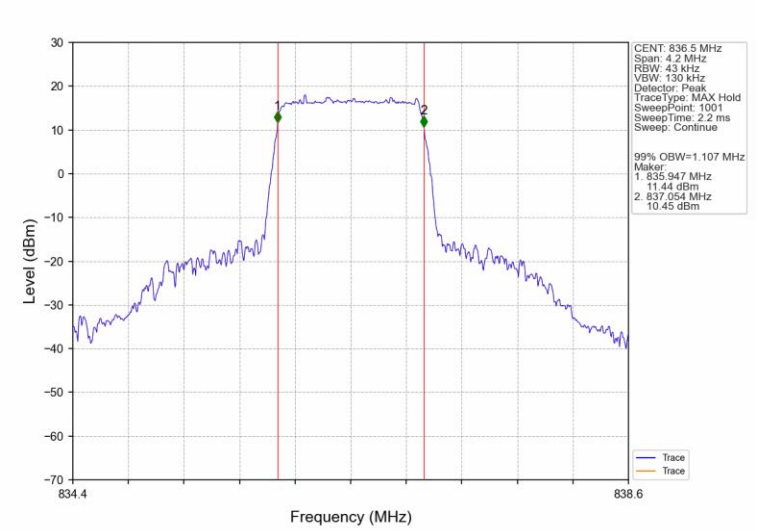
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



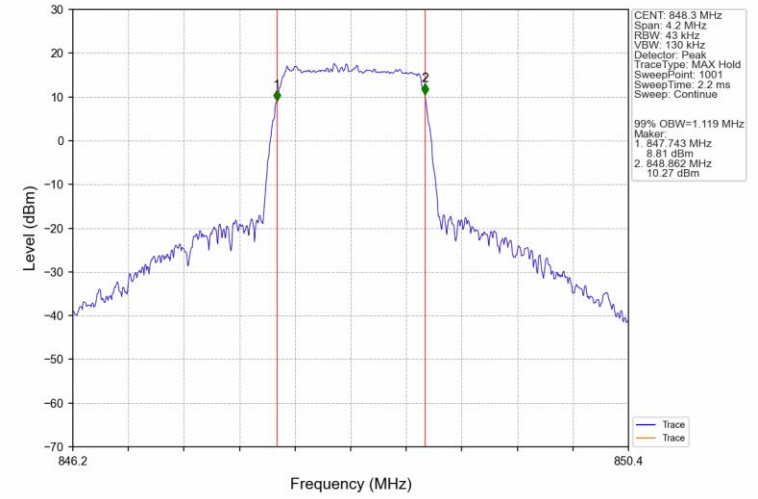
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



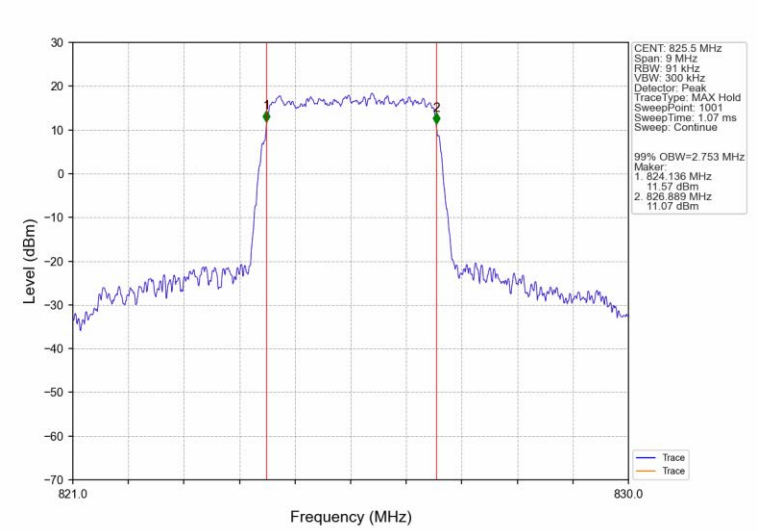
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



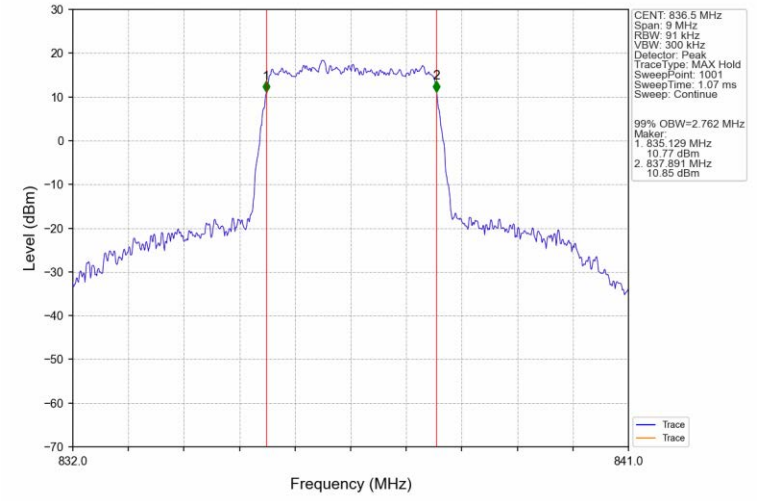
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



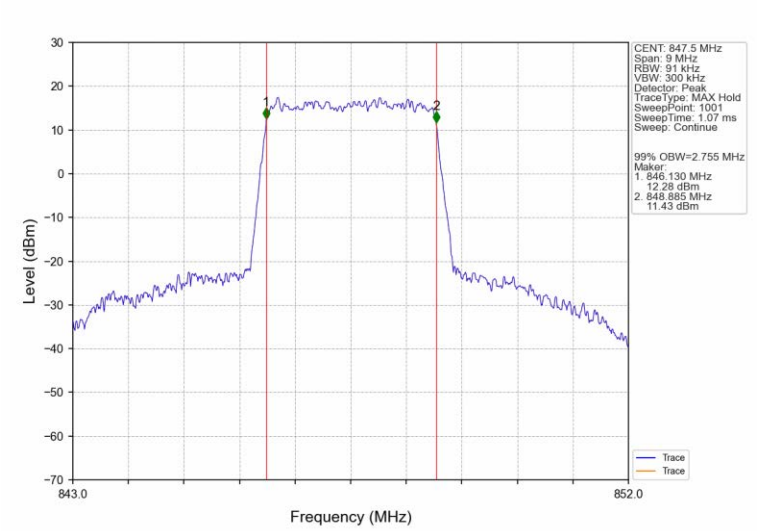
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



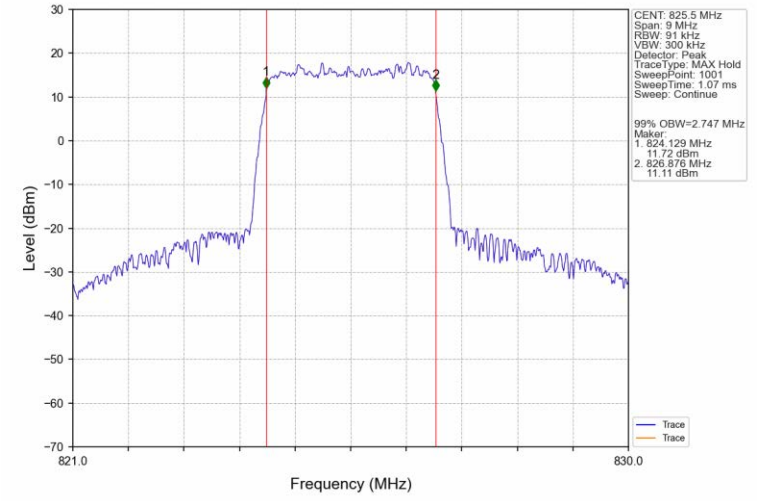
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



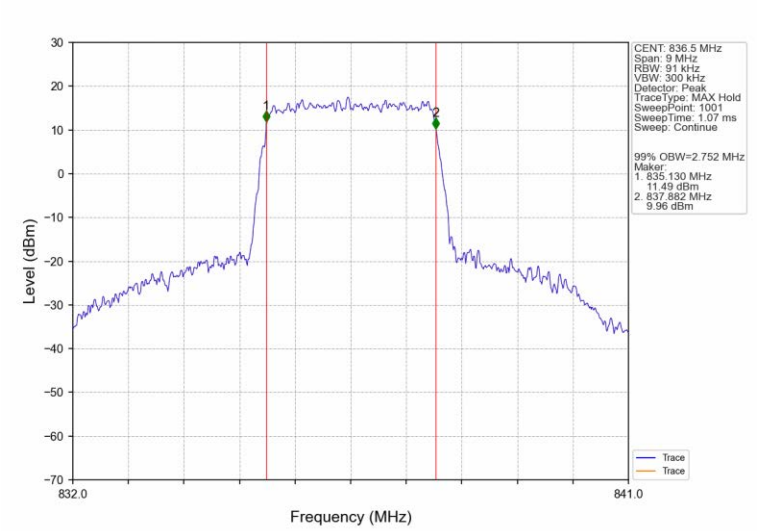
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



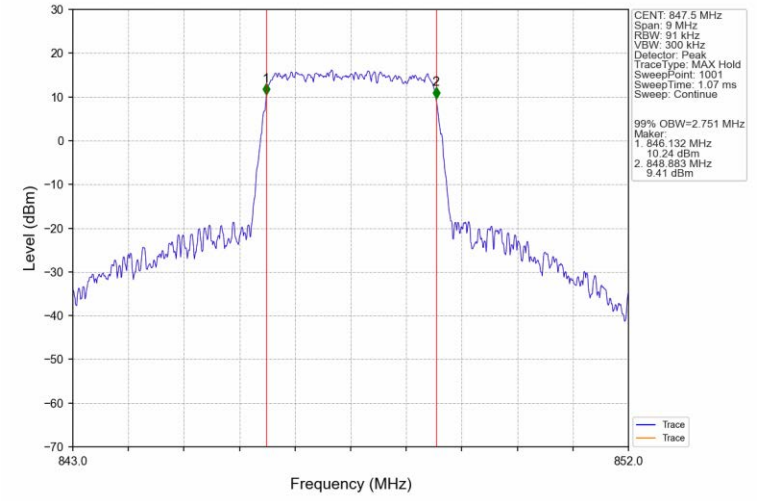
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



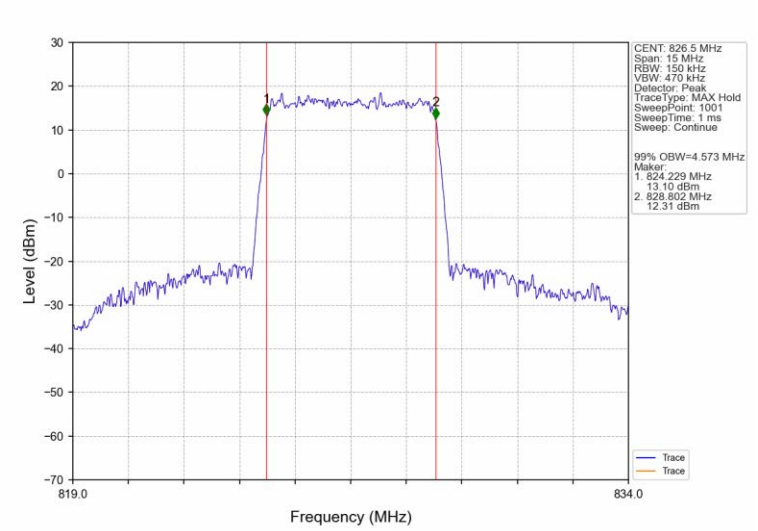
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



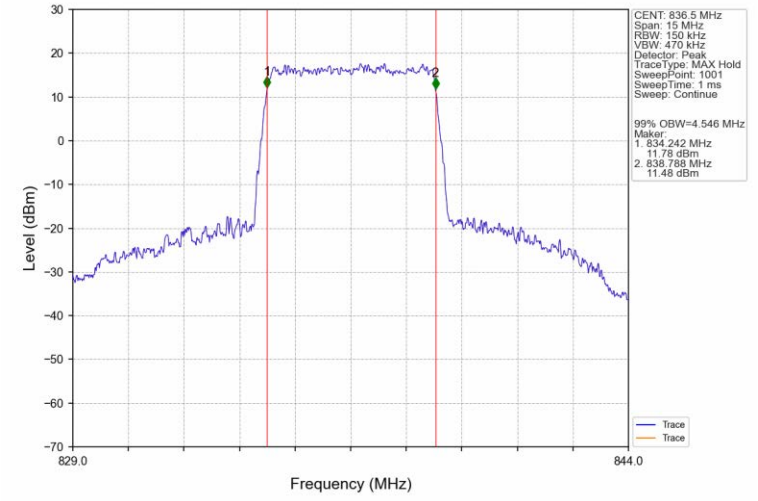
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



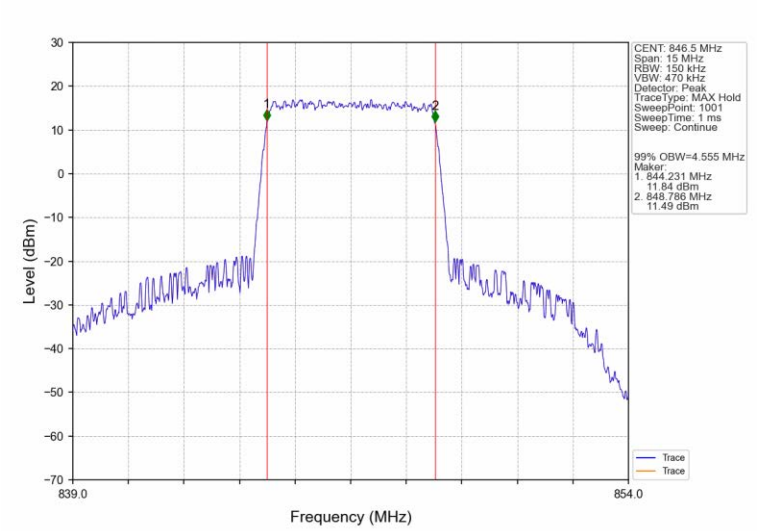
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



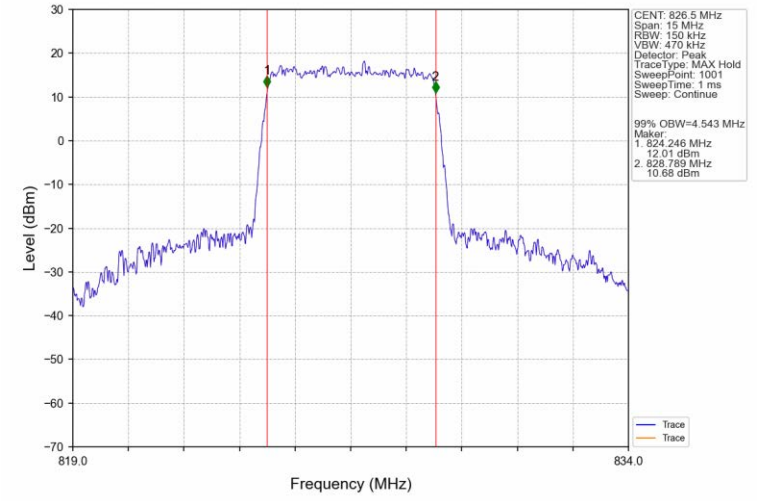
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



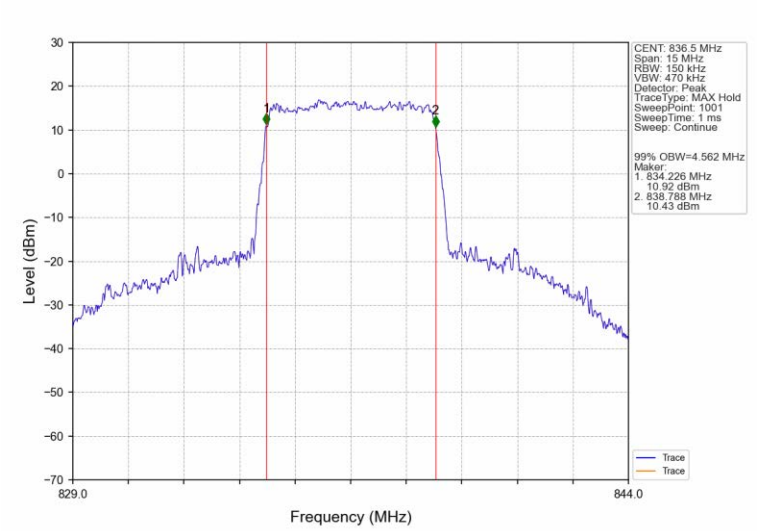
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



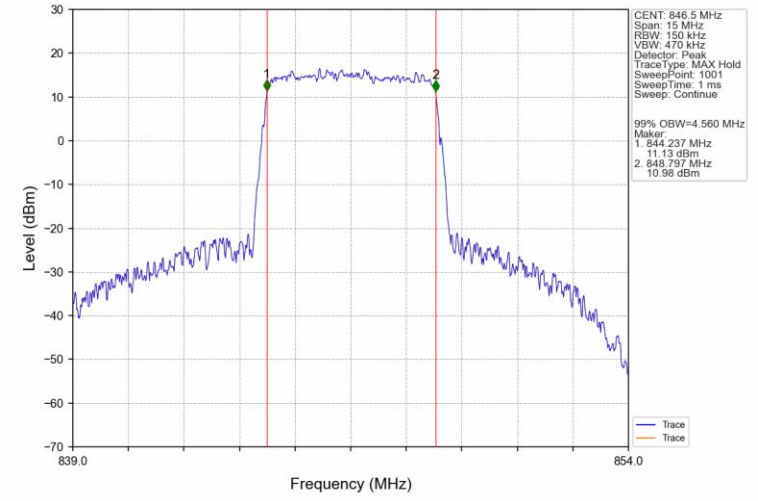
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



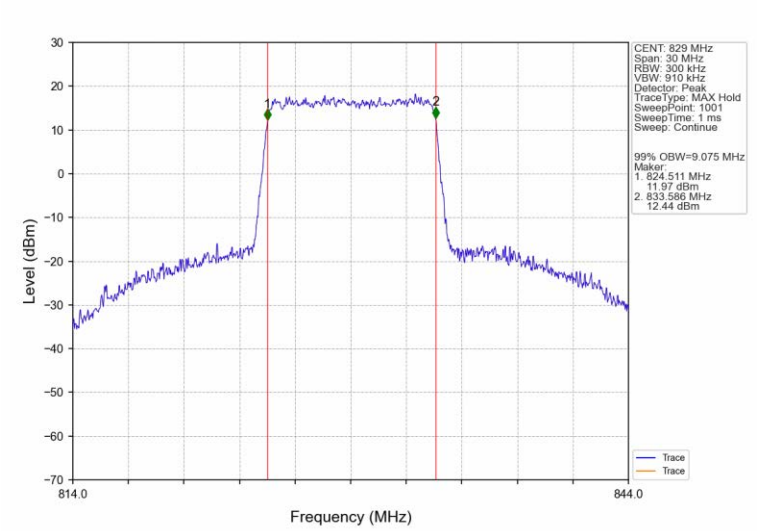
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



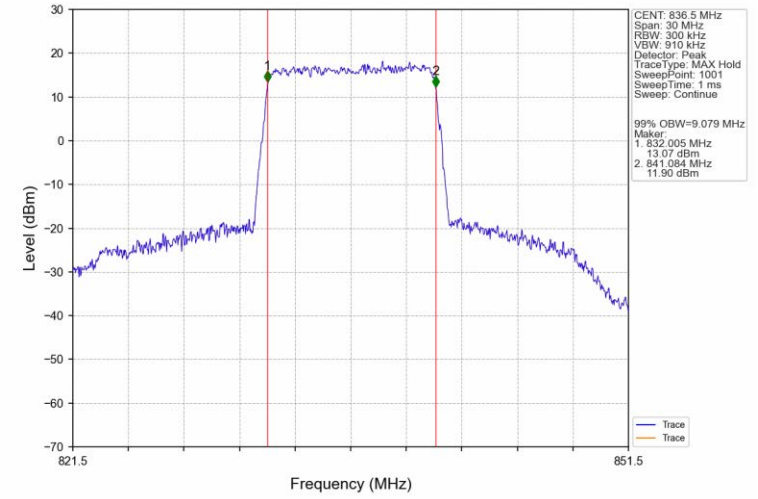
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



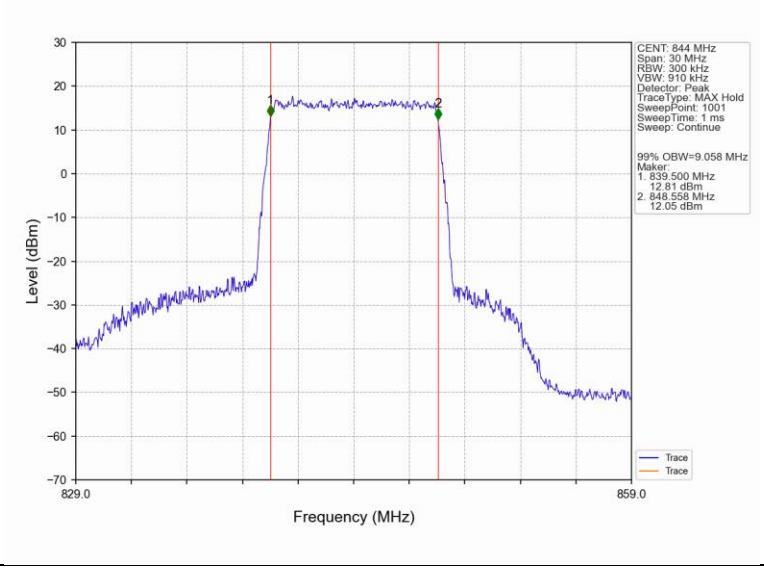
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



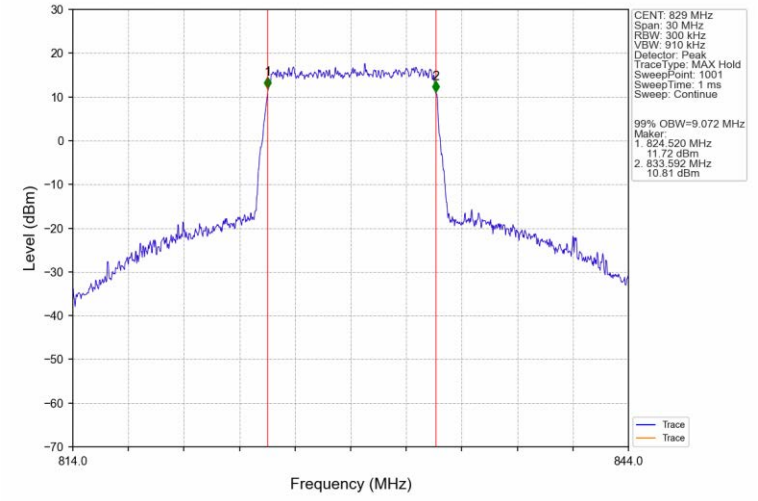
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



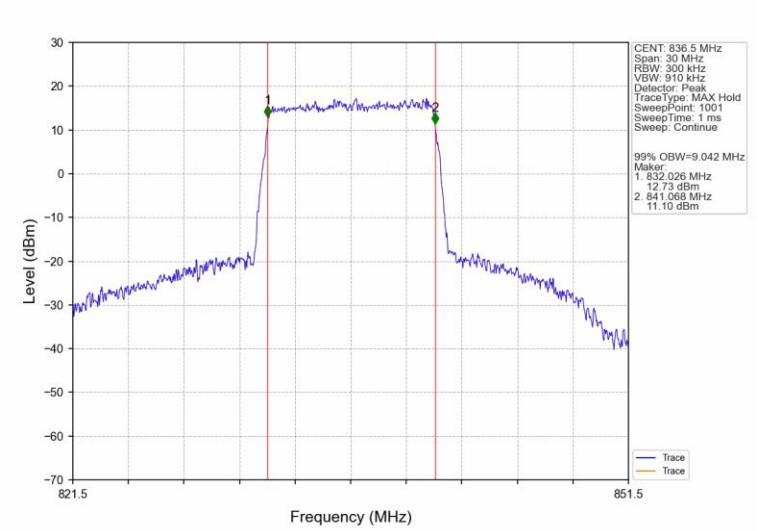
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



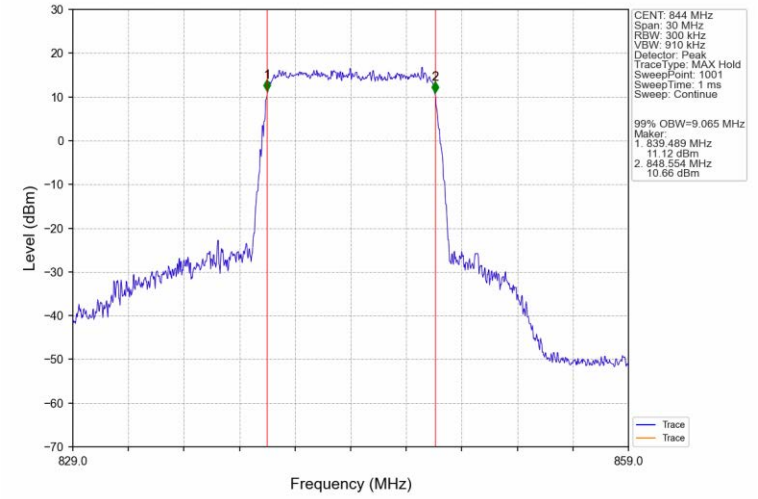
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

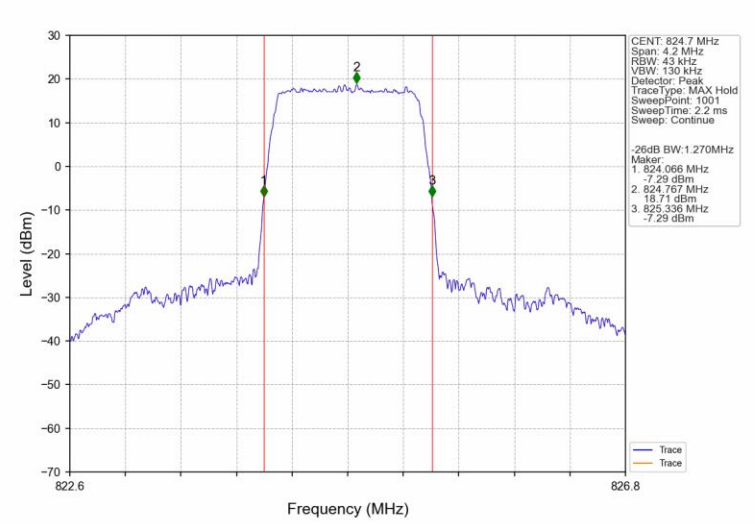


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

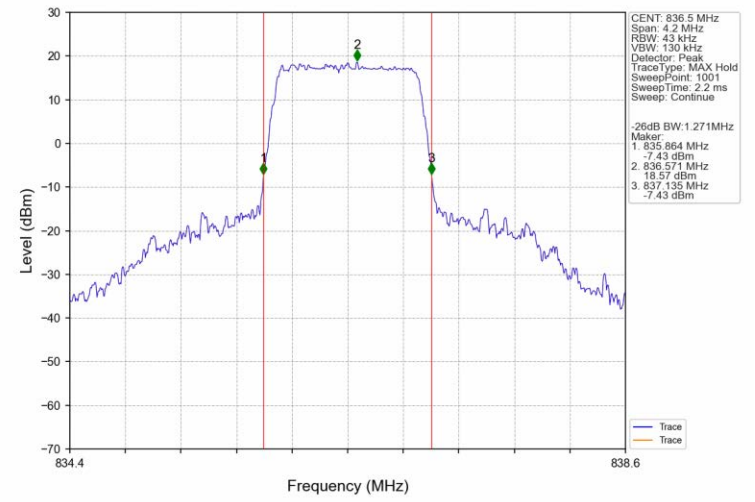


4.2.2 Band5_XDB

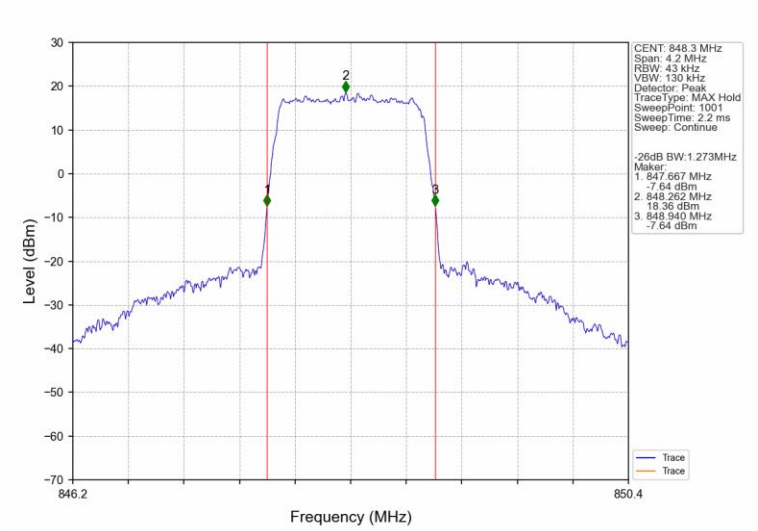
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



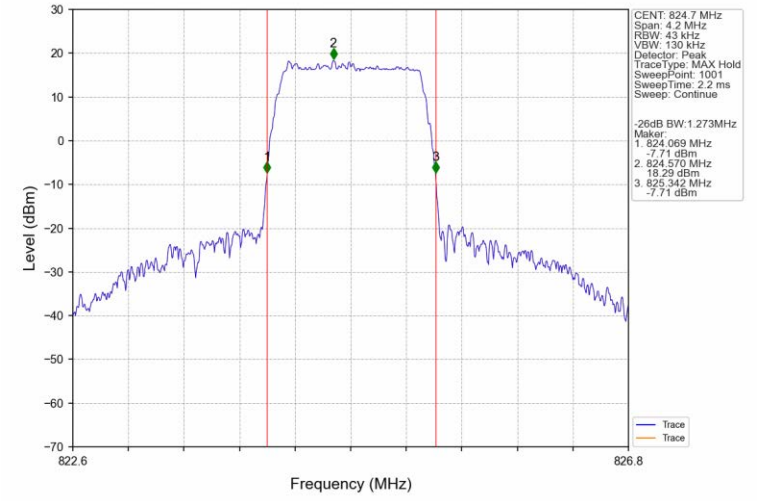
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



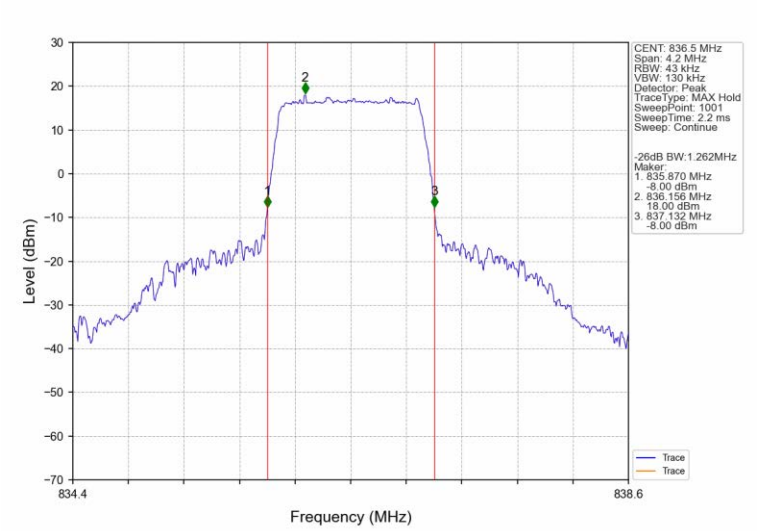
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



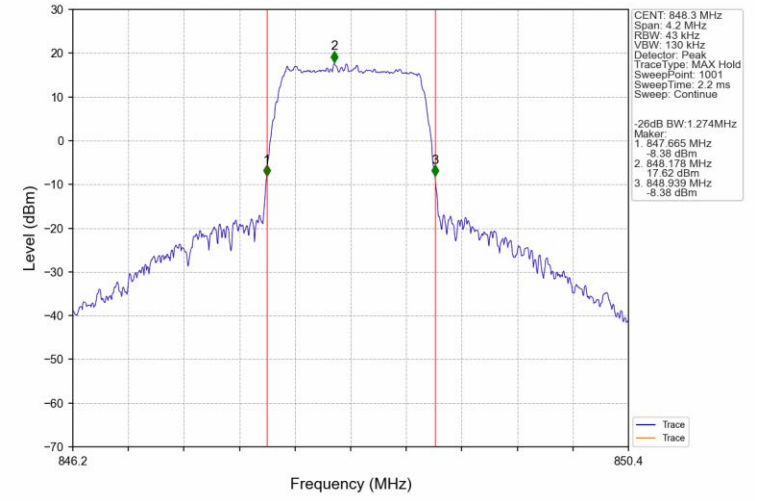
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



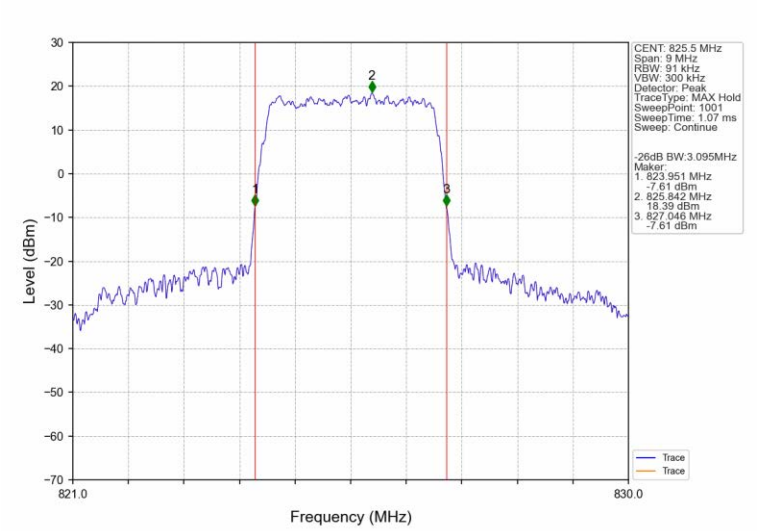
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



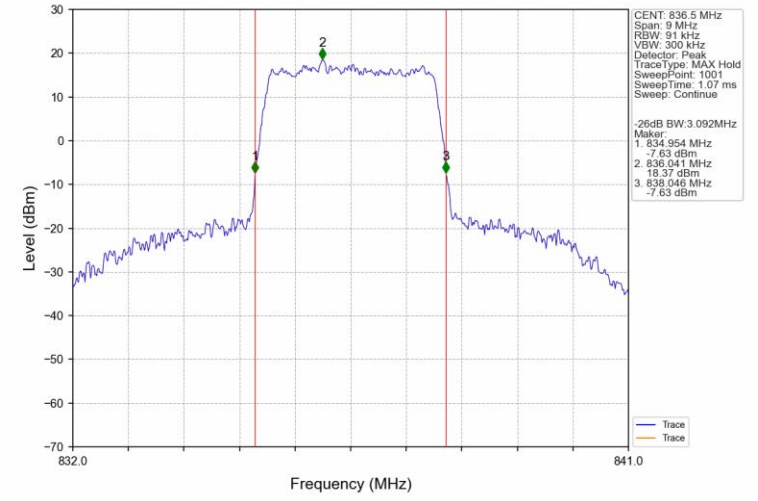
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



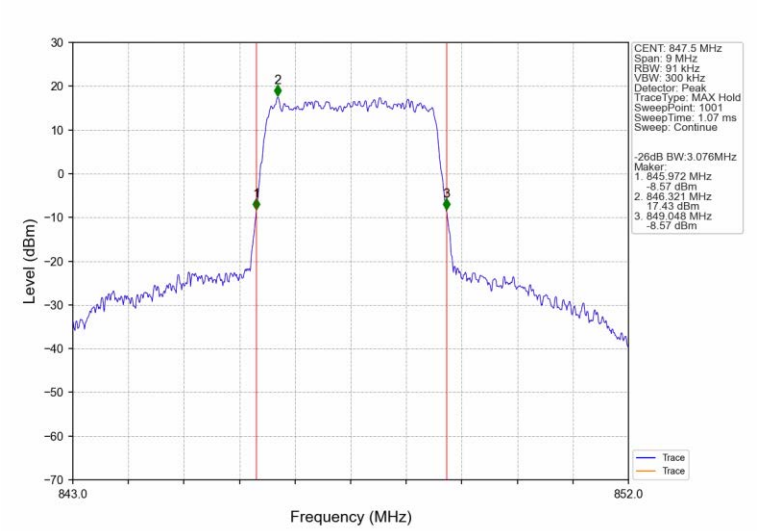
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



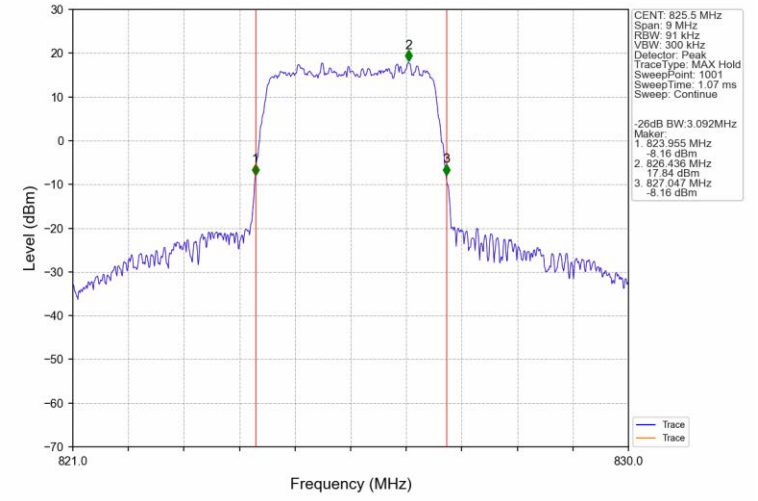
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



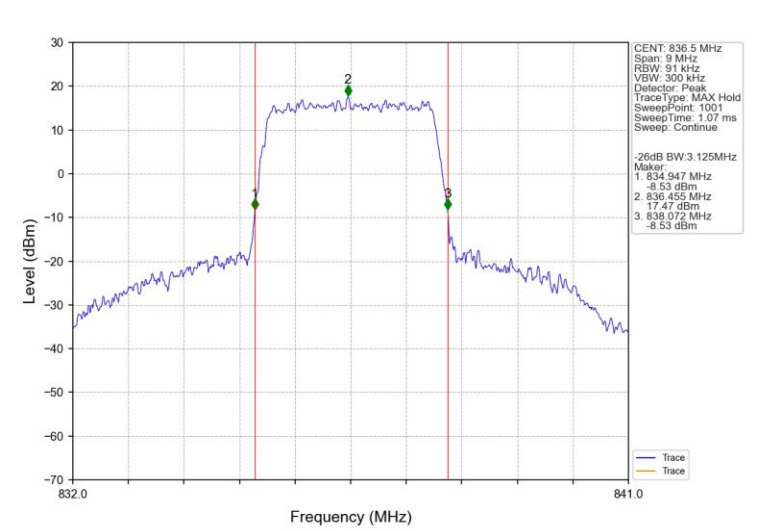
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



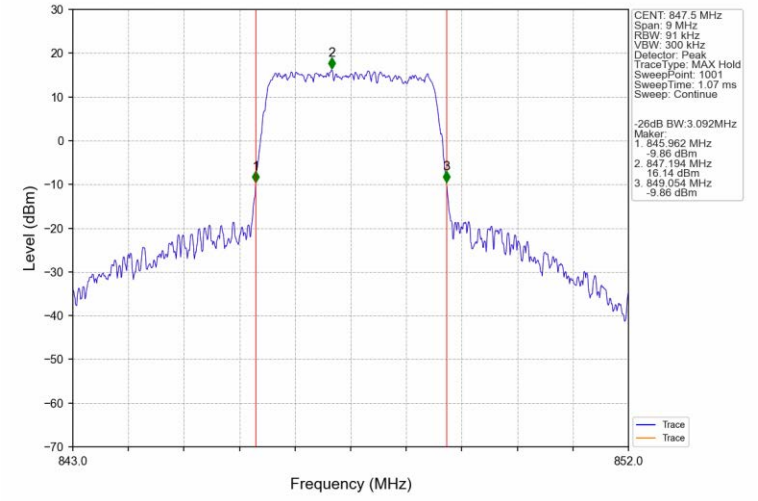
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



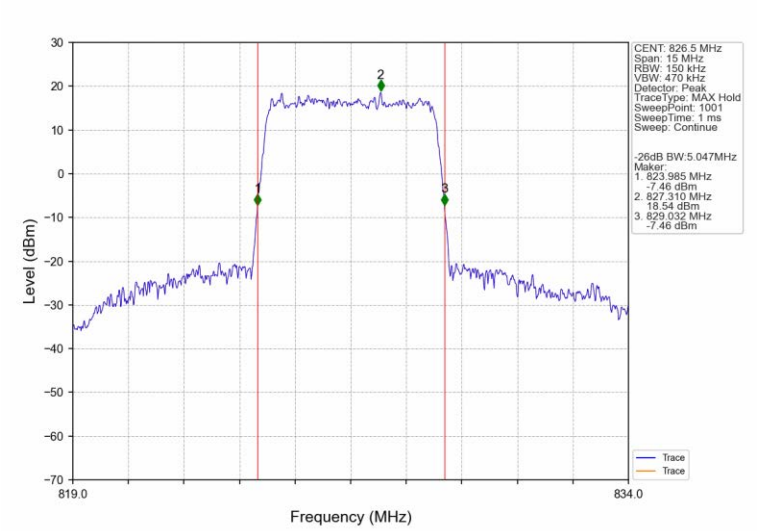
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



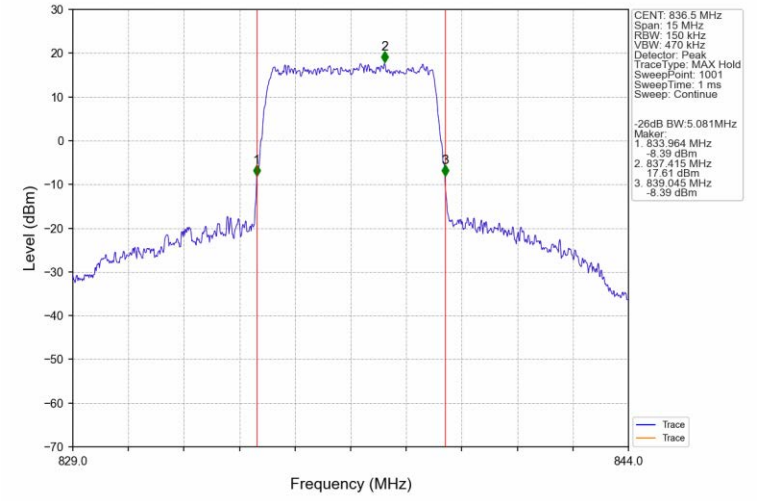
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



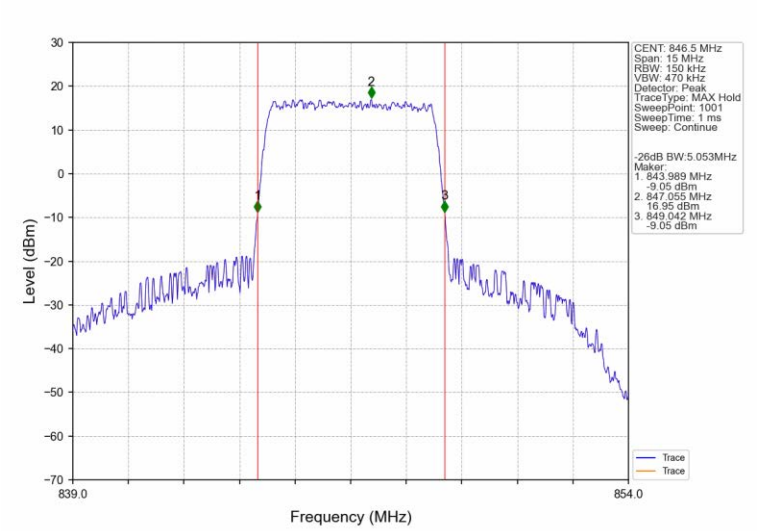
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



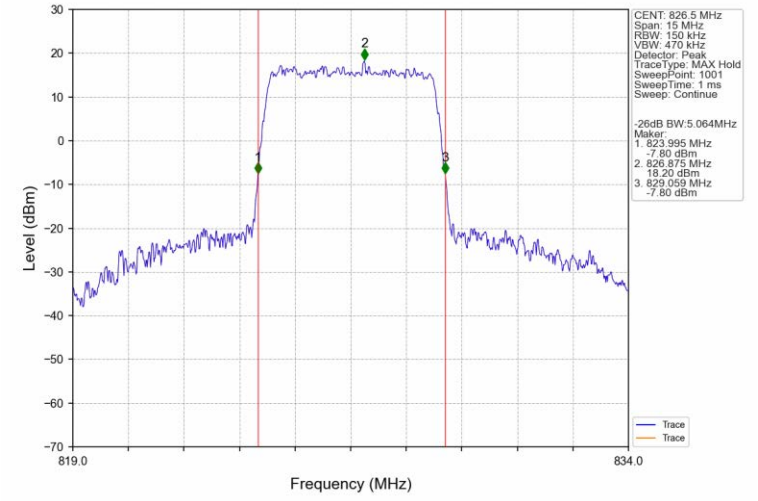
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



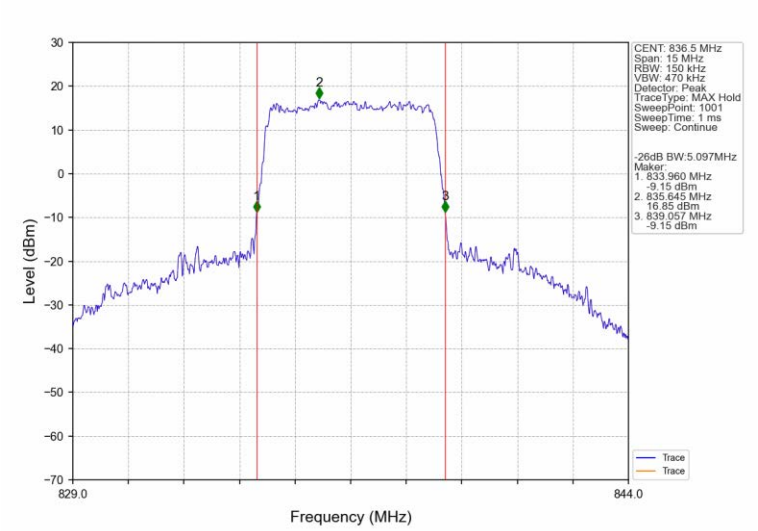
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



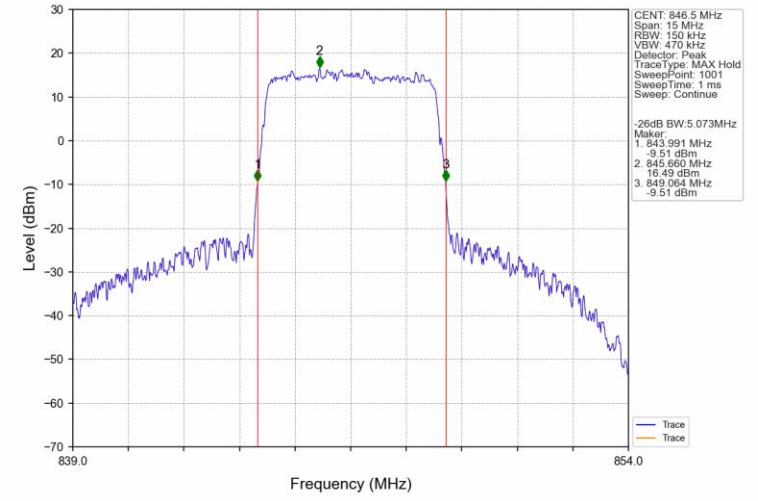
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



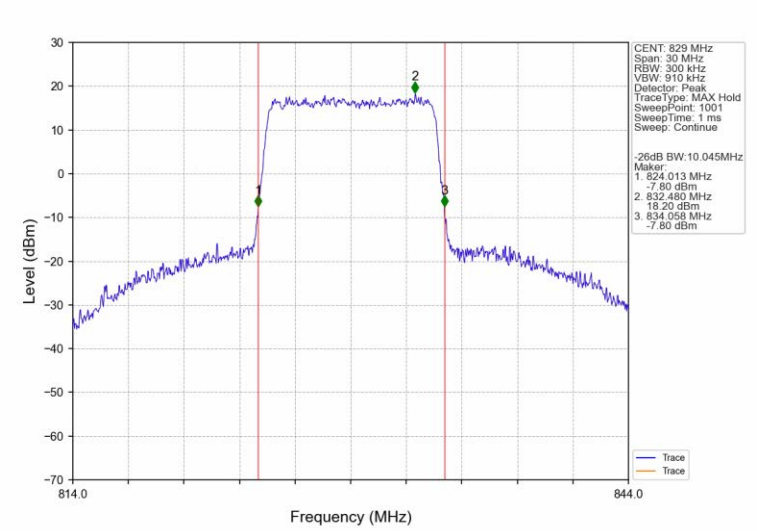
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



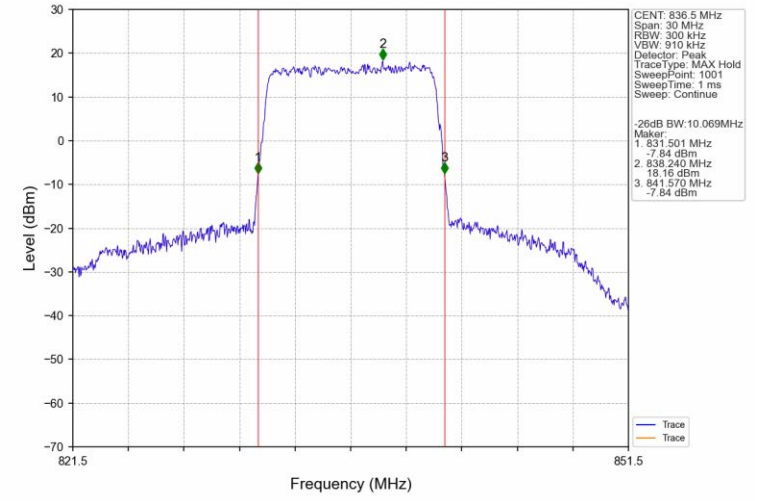
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



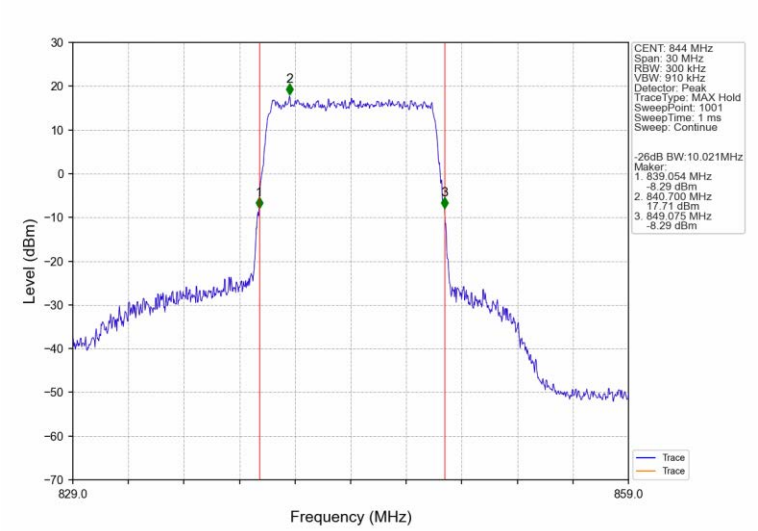
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



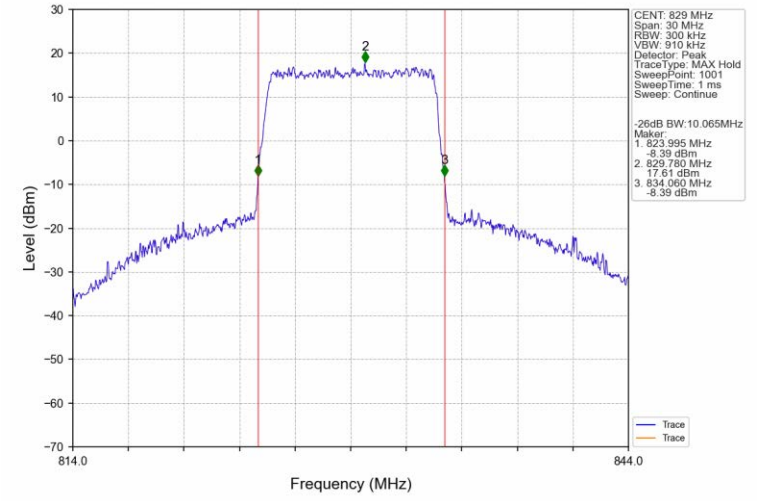
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



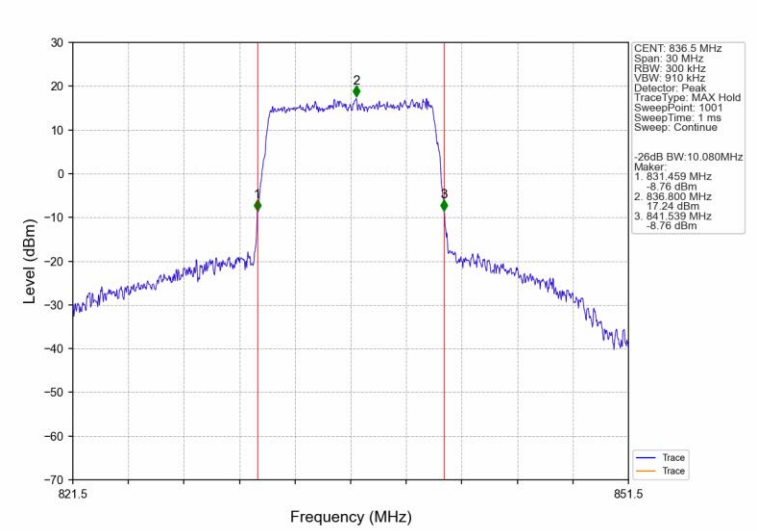
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



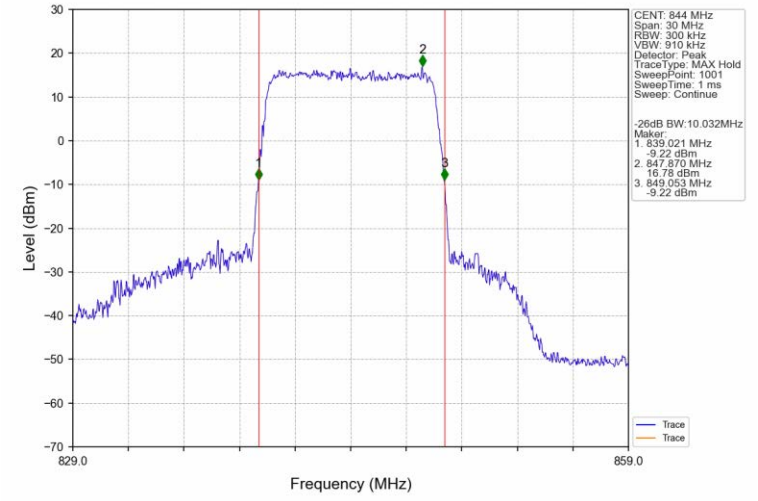
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.51	<=13	Pass
	836.5	6	0	4.71	<=13	Pass
	848.3	6	0	5.19	<=13	Pass
16QAM	824.7	6	0	6.22	<=13	Pass
	836.5	6	0	5.53	<=13	Pass
	848.3	6	0	5.90	<=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	5.48	<=13	Pass
	836.5	15	0	4.86	<=13	Pass
	847.5	15	0	5.23	<=13	Pass
16QAM	825.5	15	0	6.26	<=13	Pass
	836.5	15	0	5.73	<=13	Pass
	847.5	15	0	6.10	<=13	Pass

5.1.3 B5_5MHz

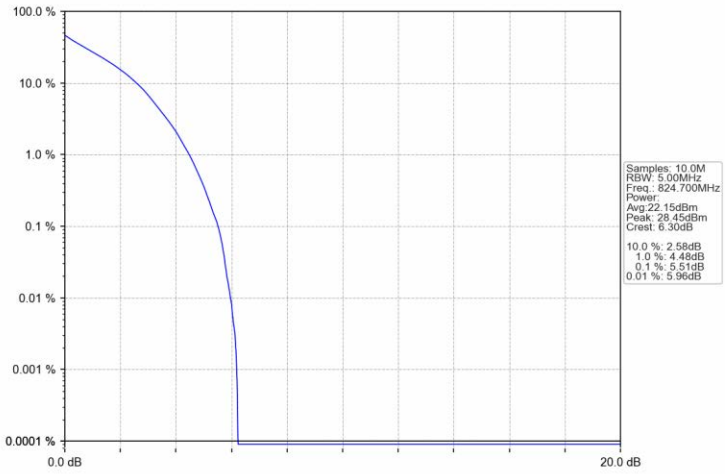
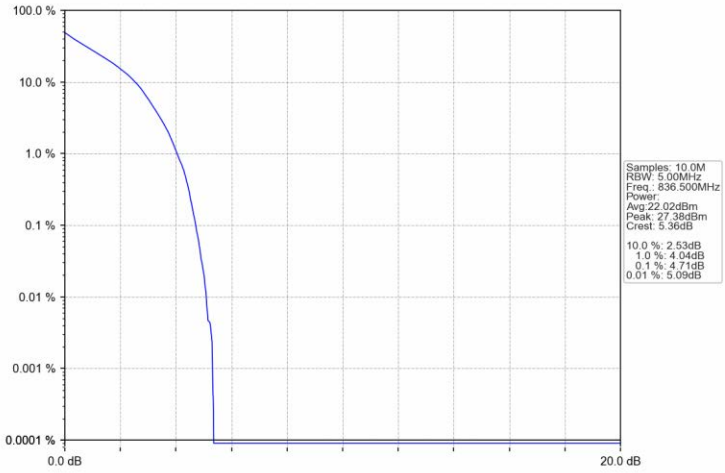
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.45	<=13	Pass
	836.5	25	0	5.17	<=13	Pass
	846.5	25	0	5.51	<=13	Pass
16QAM	826.5	25	0	6.16	<=13	Pass
	836.5	25	0	5.88	<=13	Pass
	846.5	25	0	6.23	<=13	Pass

5.1.4 B5_10MHz

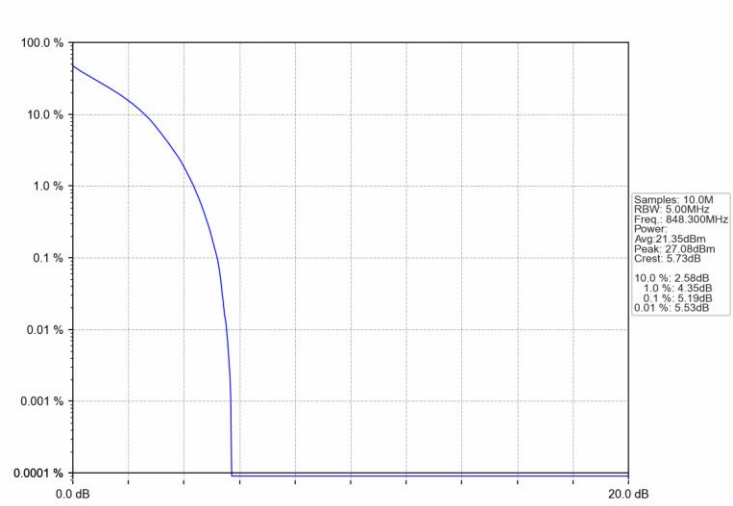
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.36	<=13	Pass
	836.5	50	0	5.28	<=13	Pass
	844	50	0	5.54	<=13	Pass
16QAM	829	50	0	6.04	<=13	Pass
	836.5	50	0	6.01	<=13	Pass
	844	50	0	6.31	<=13	Pass

5.2 Test Graph

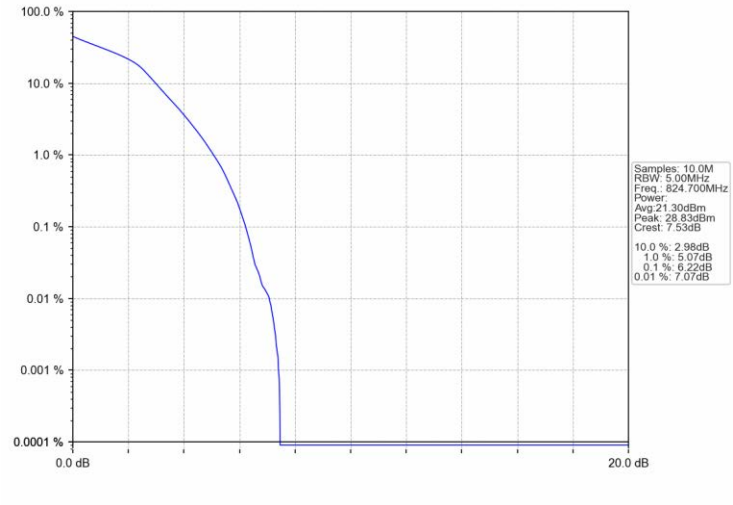
5.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


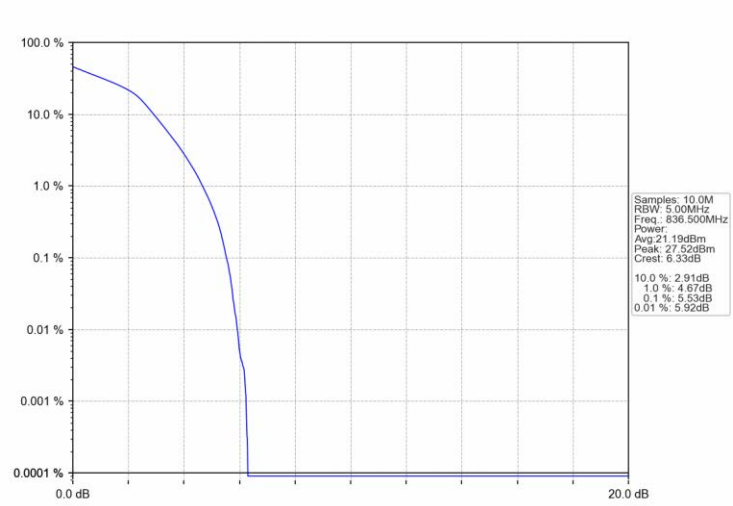
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



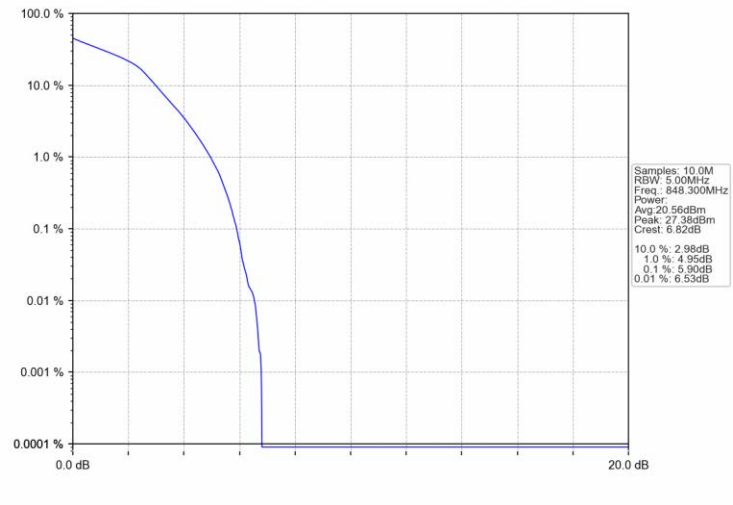
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

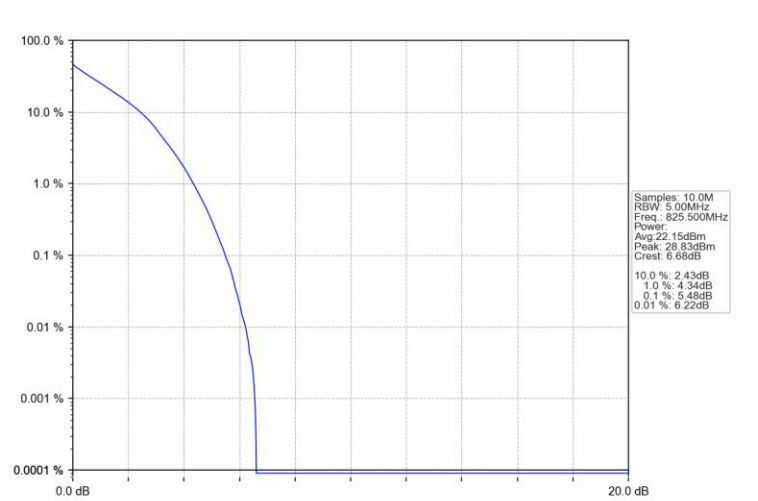


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

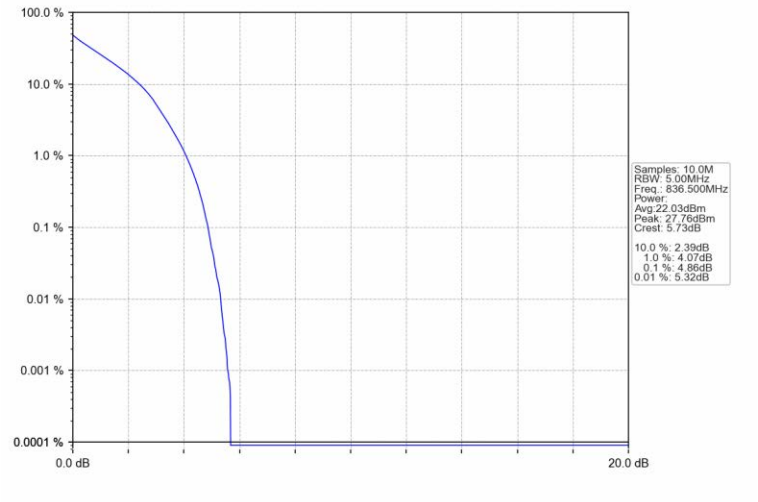


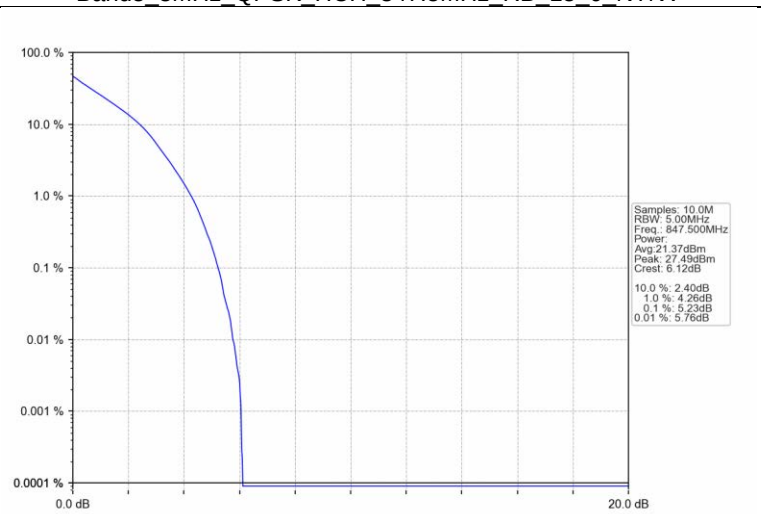
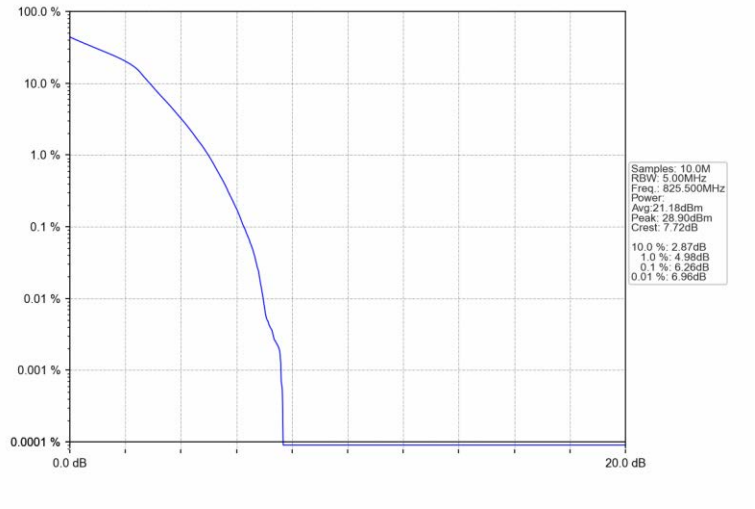
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

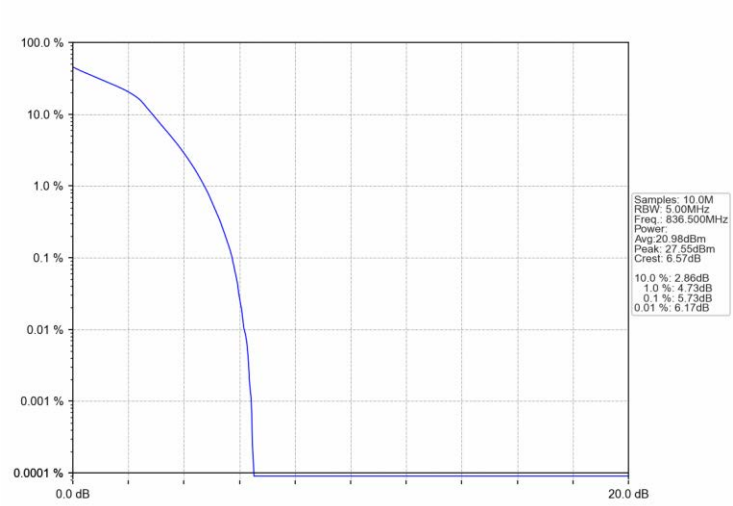


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

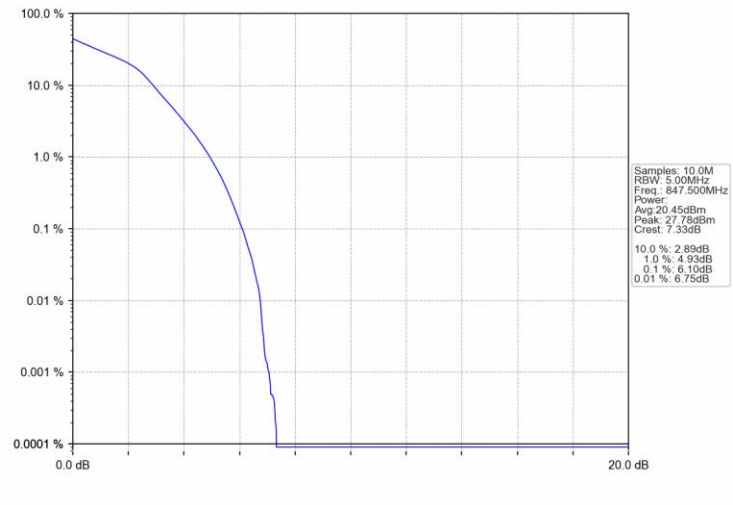


Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV


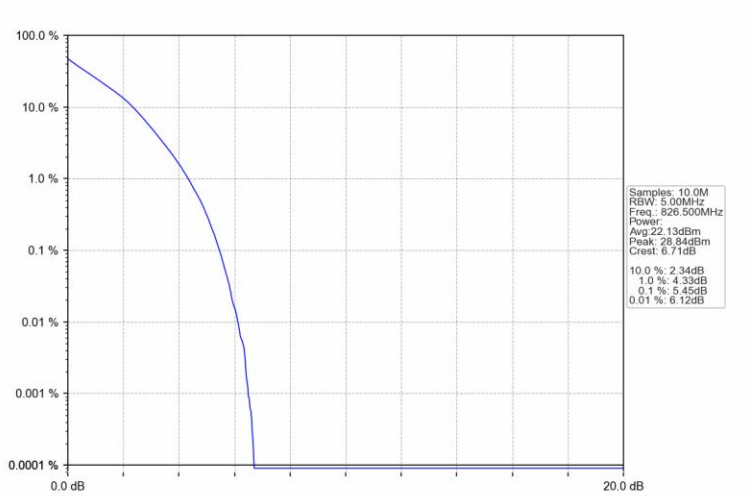
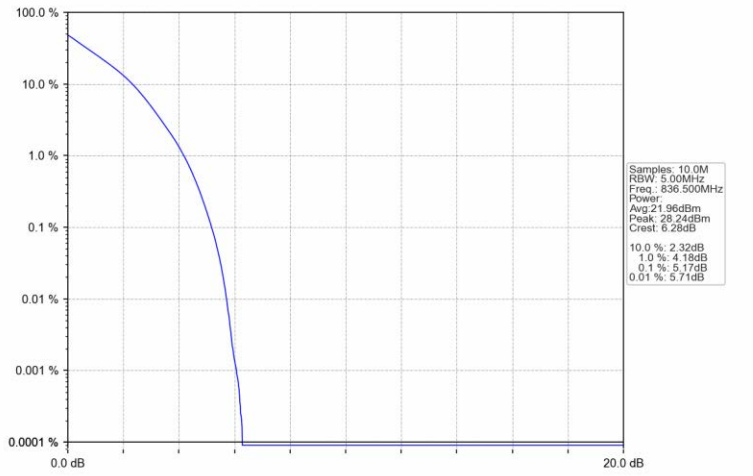
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

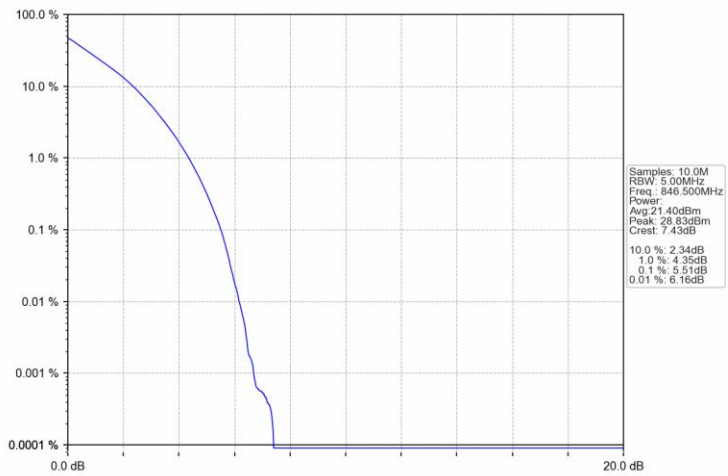
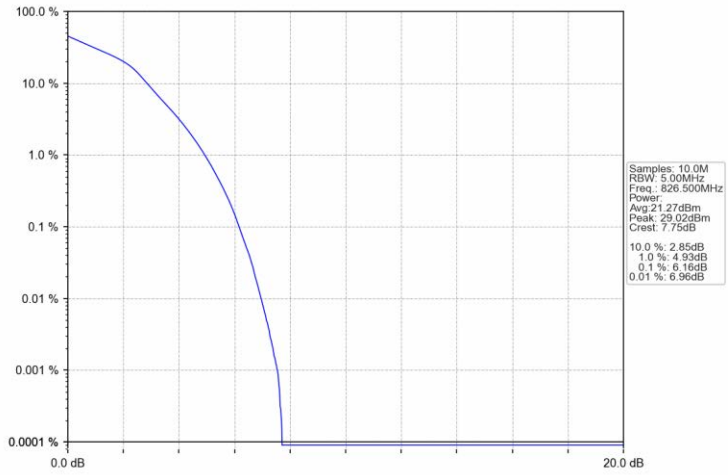


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

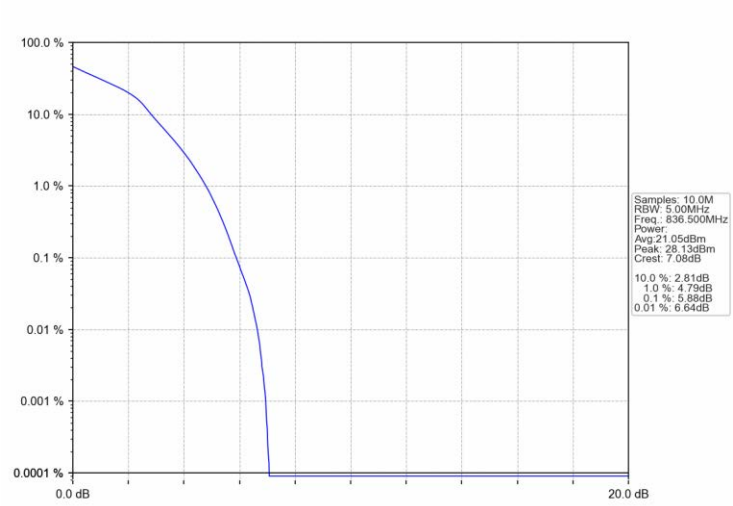


5.2.3 B5_5MHz

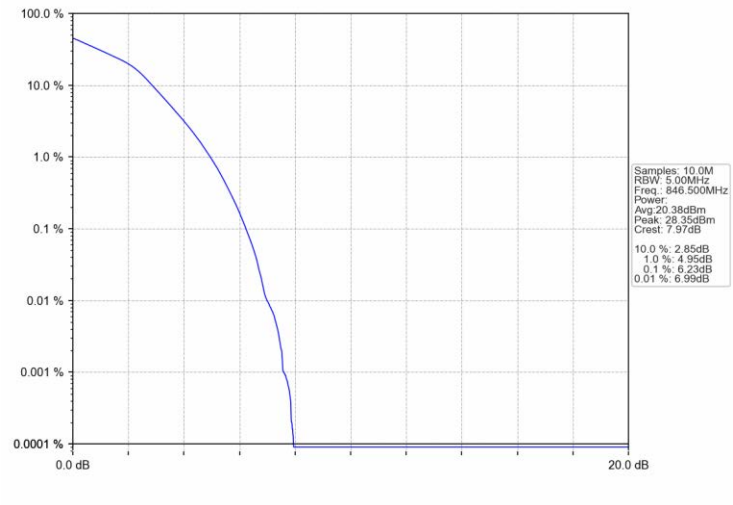
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

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


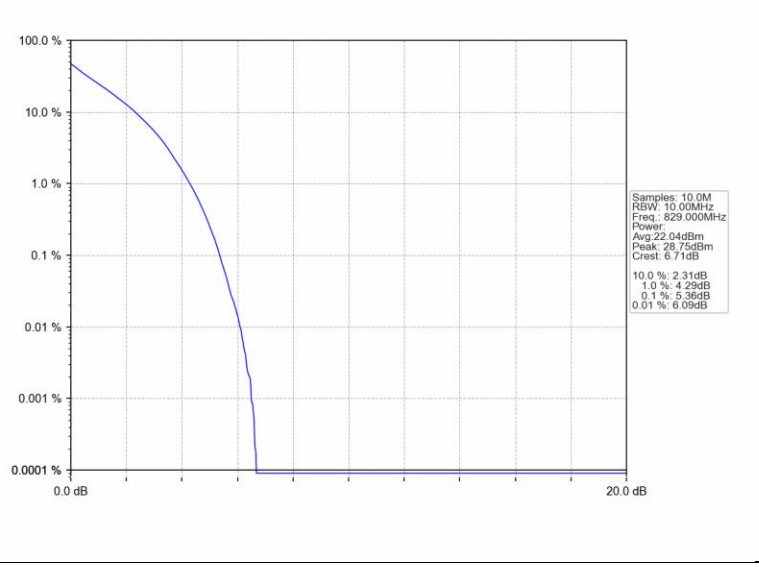
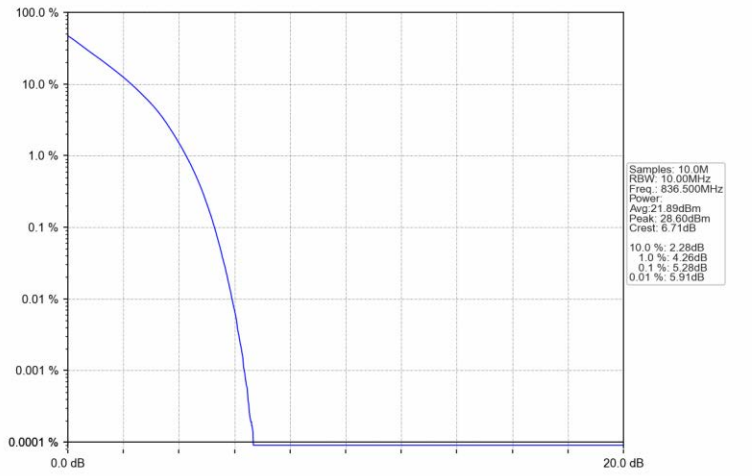
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

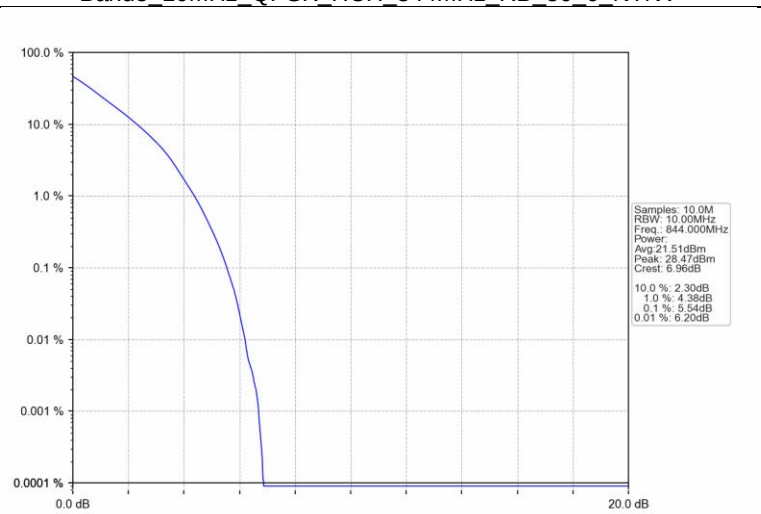
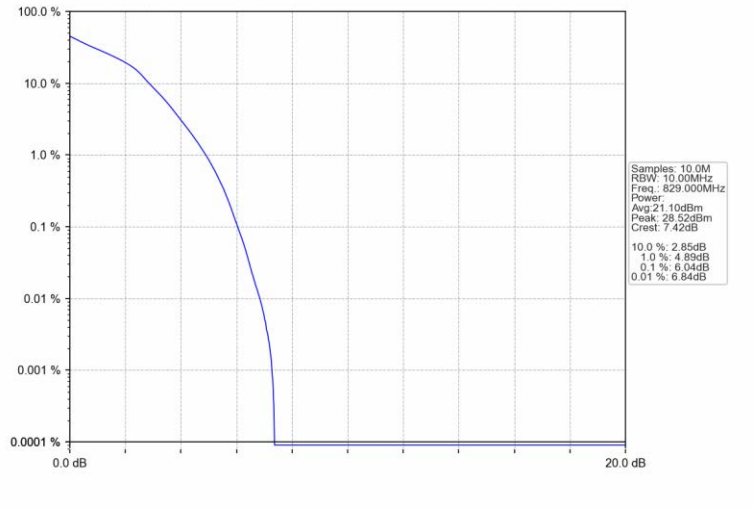


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

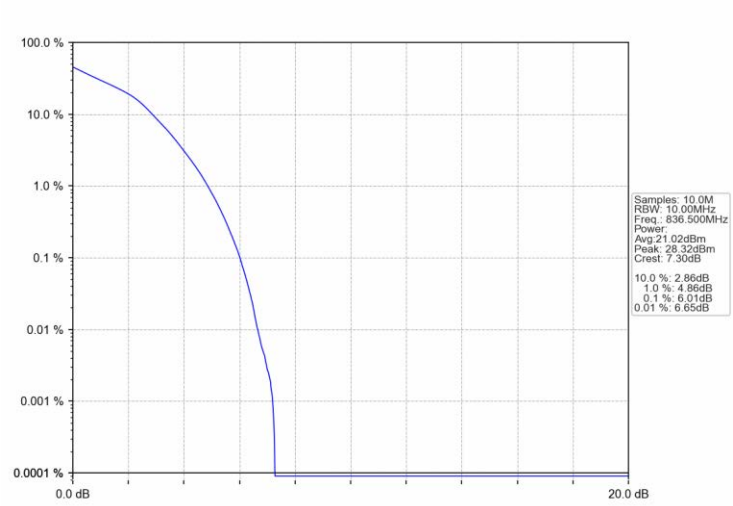


5.2.4 B5_10MHz

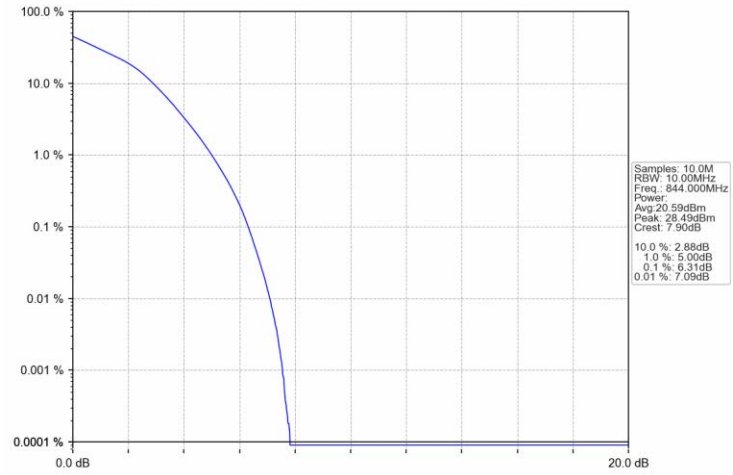
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

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

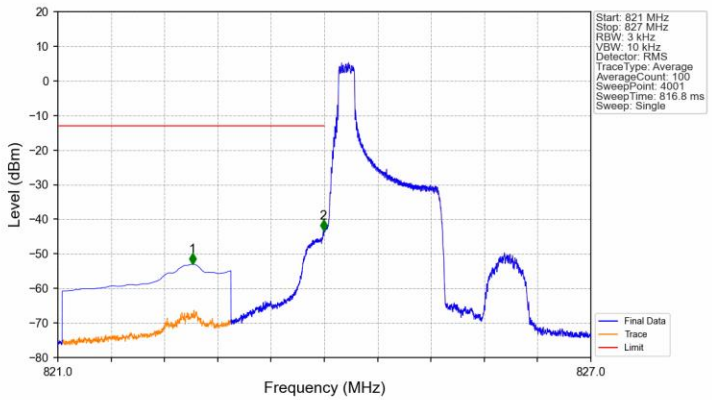
6.1.4 B5_10MHz

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

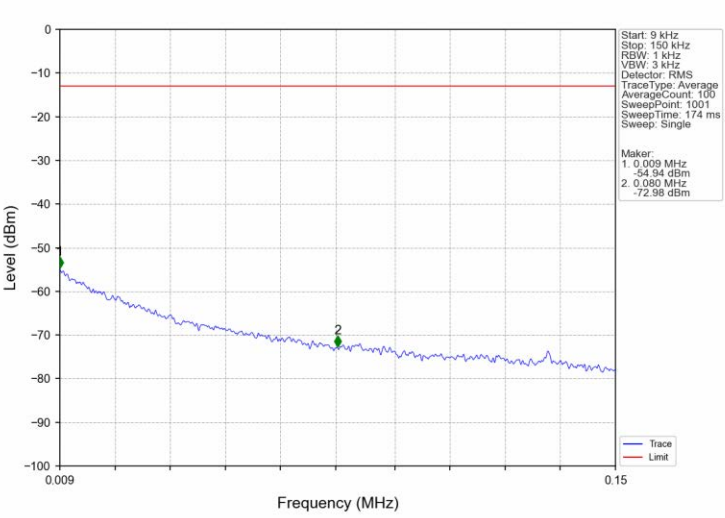
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

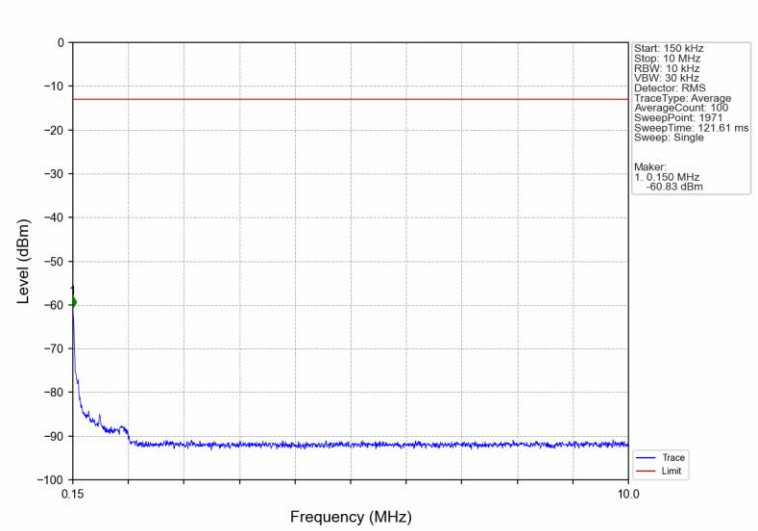


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.516	-52.94	-13	Pass
823	824	0.003	/	2	823.990	-43.27	-13	Pass
824	827	0.003	/	/	/	/	/	/

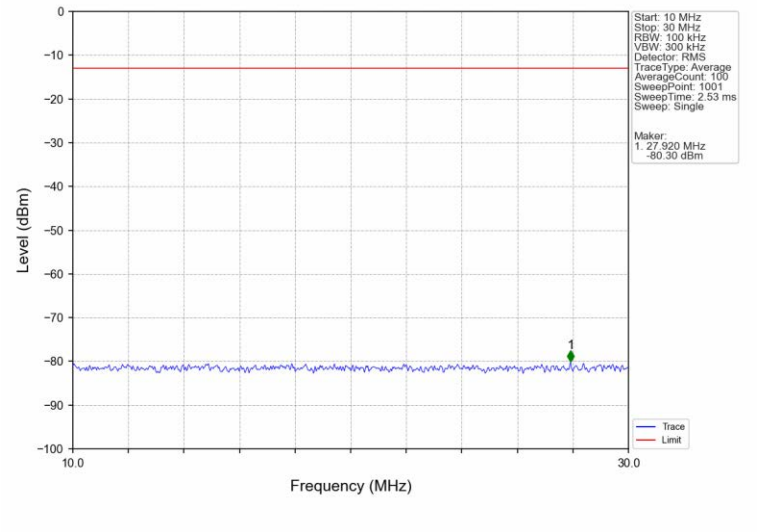
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



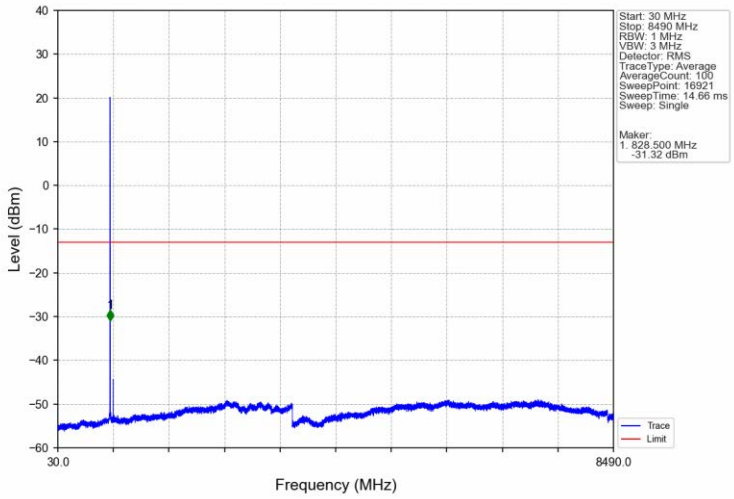
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



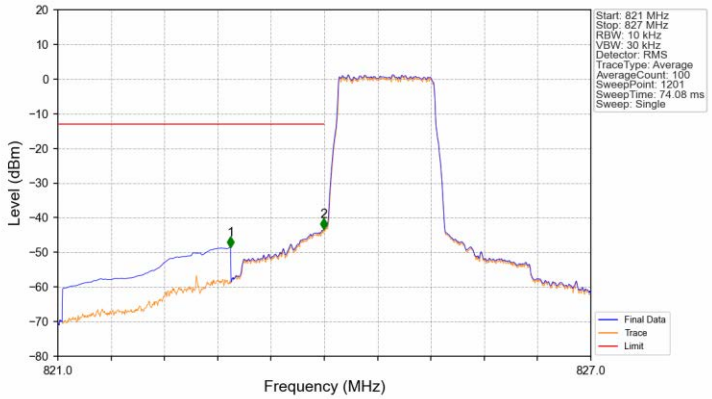
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

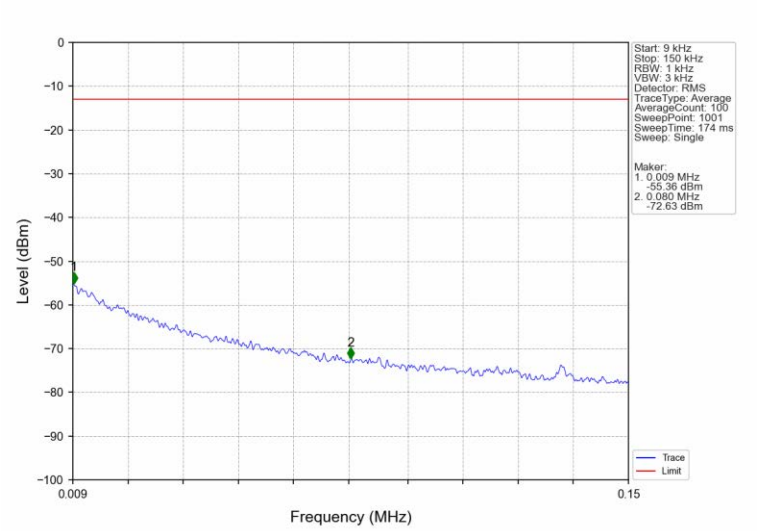


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

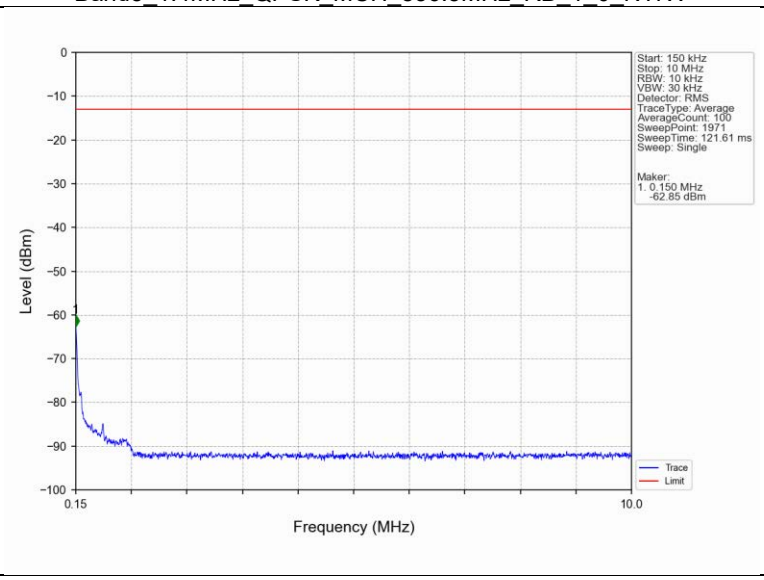


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-48.55	-13	Pass
823	824	0.013	CHP	2	823.995	-43.41	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

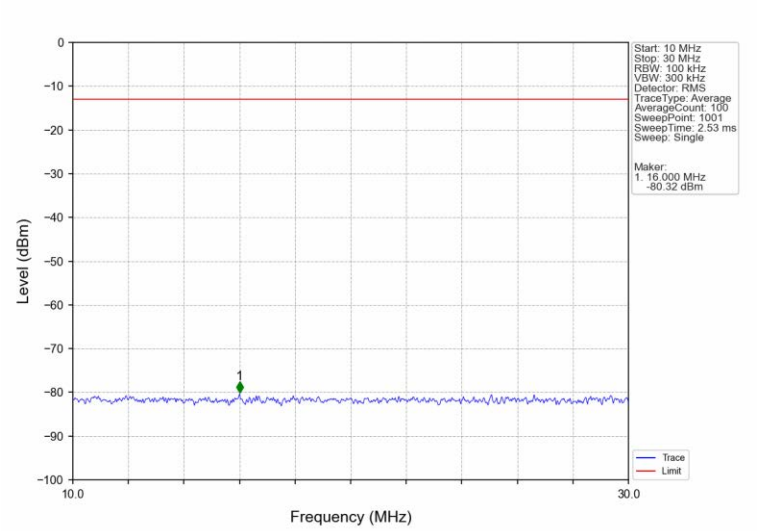
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



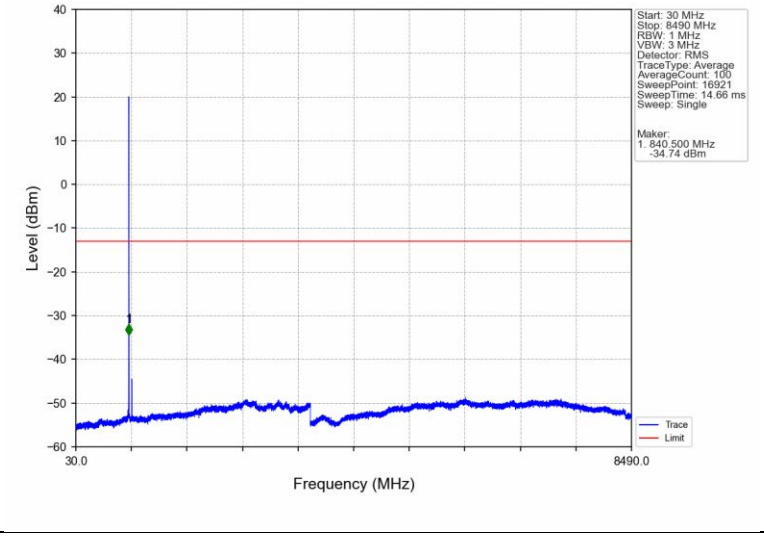
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



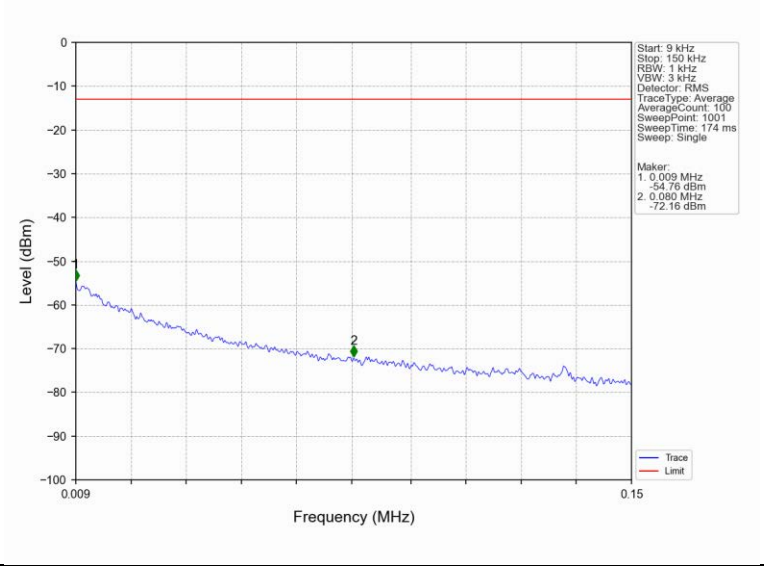
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



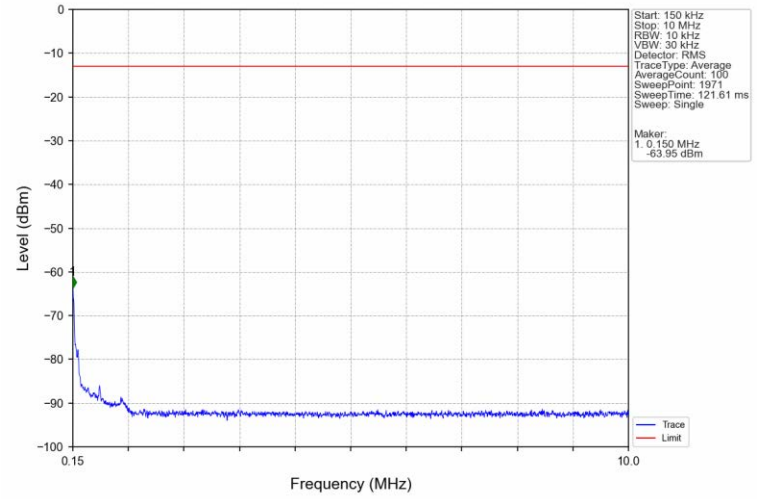
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



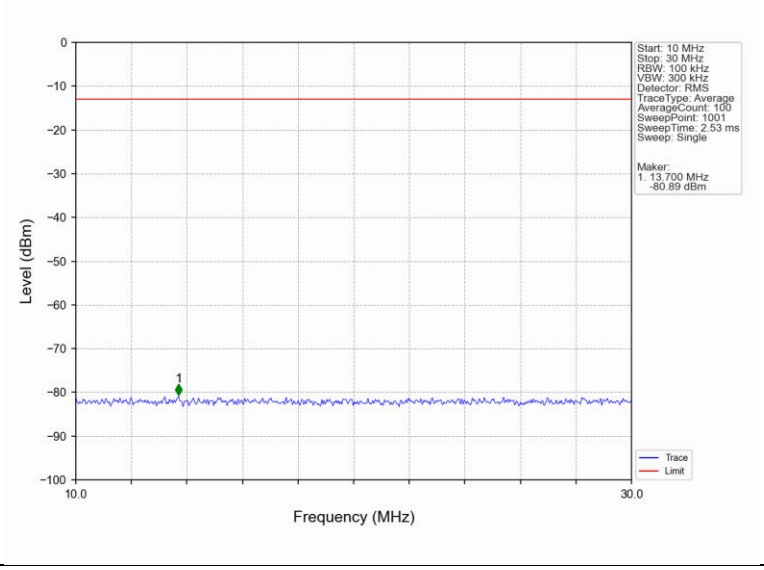
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



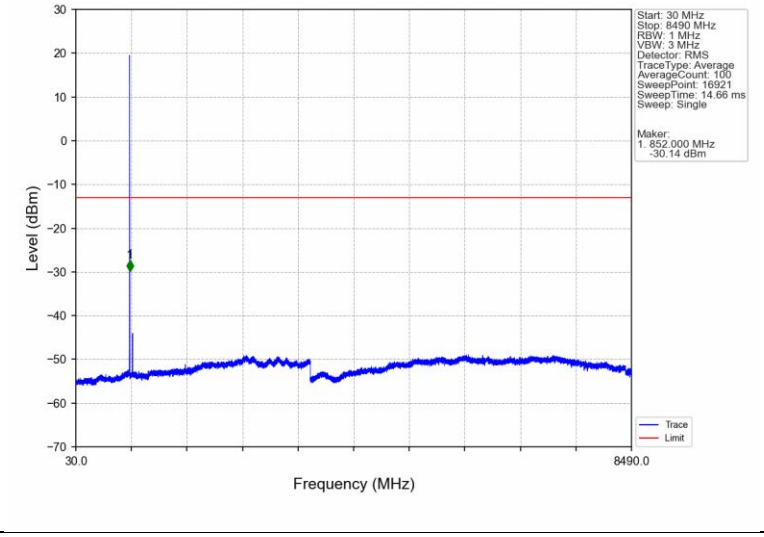
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



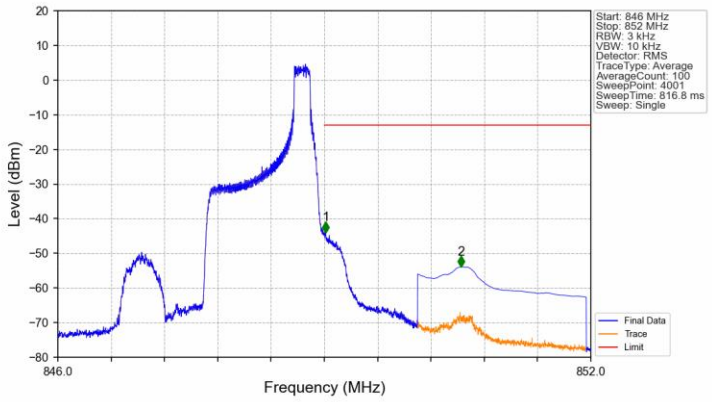
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

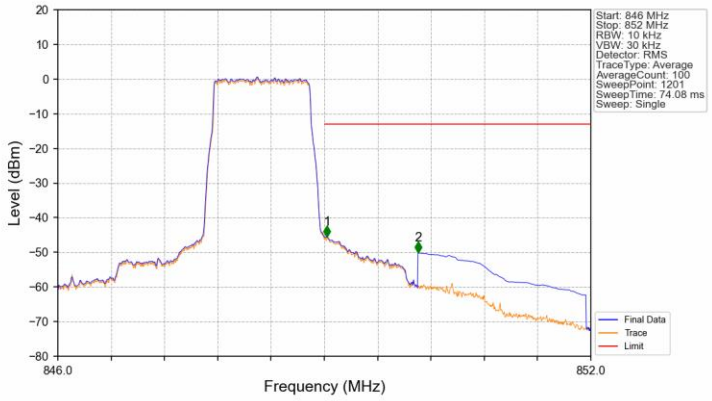


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



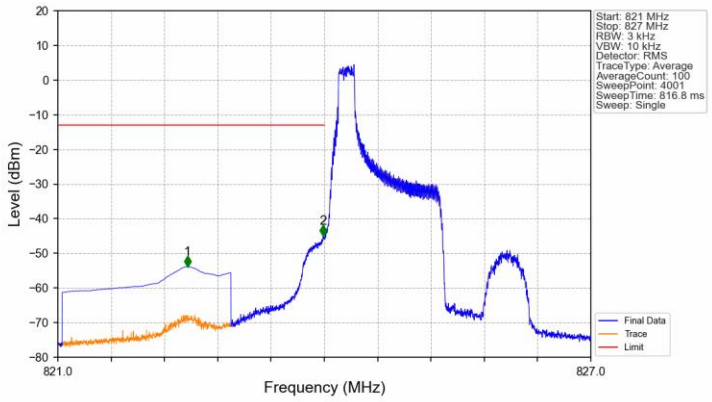
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.016	-43.98	-13	Pass
850	852	0.1	CHP	2	850.539	-53.89	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



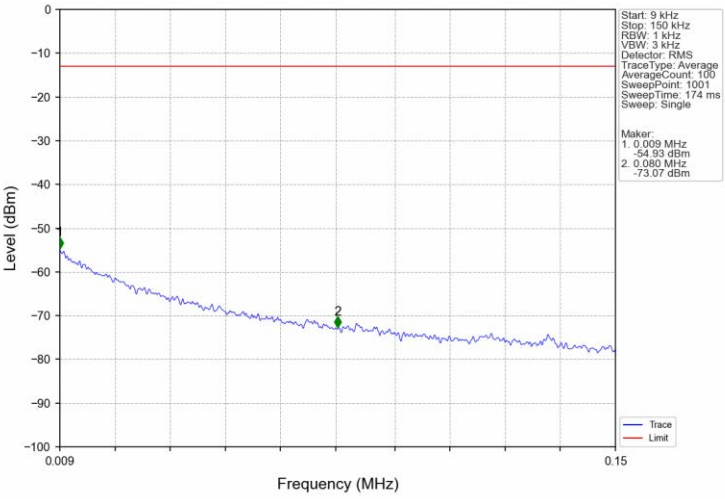
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.030	-45.46	-13	Pass
850	852	0.1	CHP	2	850.055	-50.14	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

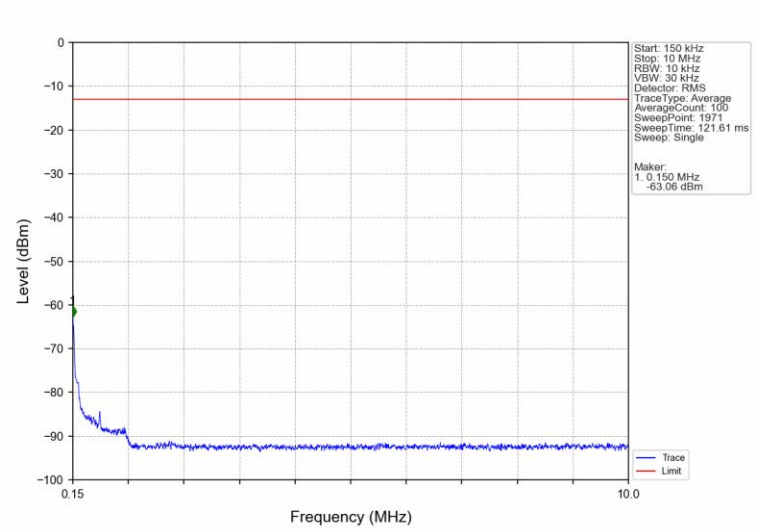


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.460	-53.84	-13	Pass
823	824	0.003	/	2	823.986	-44.94	-13	Pass
824	827	0.003	/	/	/	/	/	/

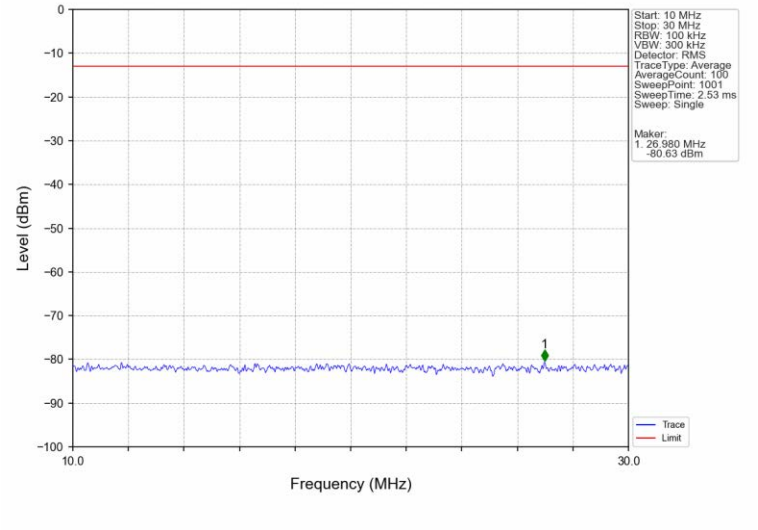
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



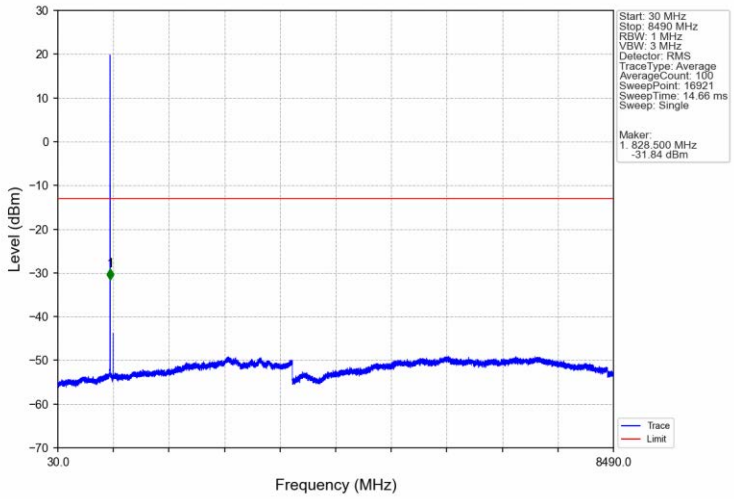
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



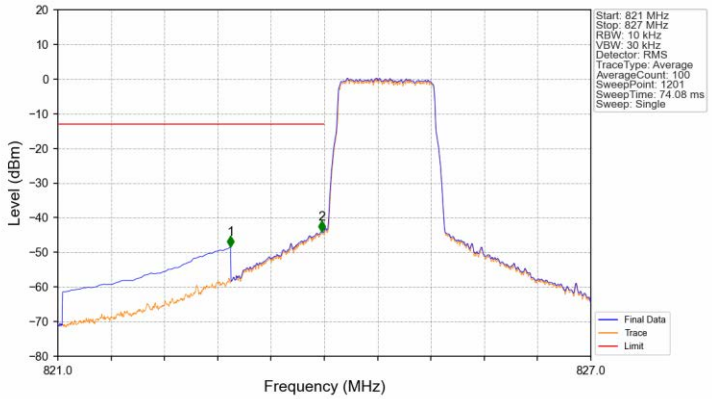
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

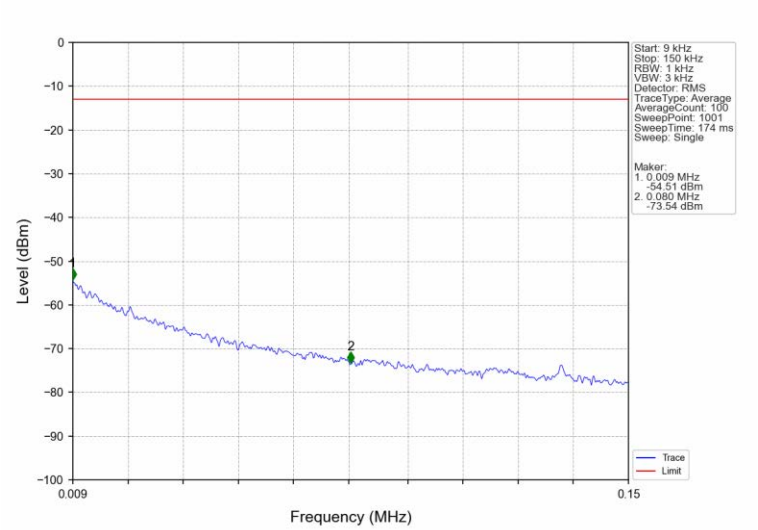


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

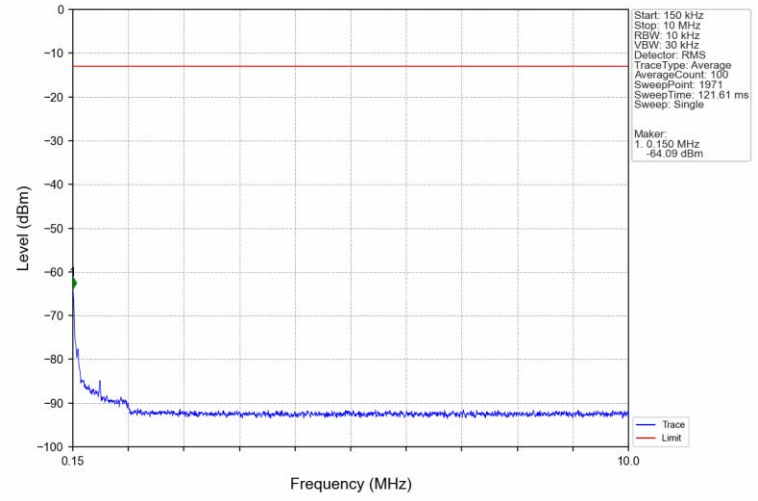


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-48.45	-13	Pass
823	824	0.013	CHP	2	823.970	-44.06	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

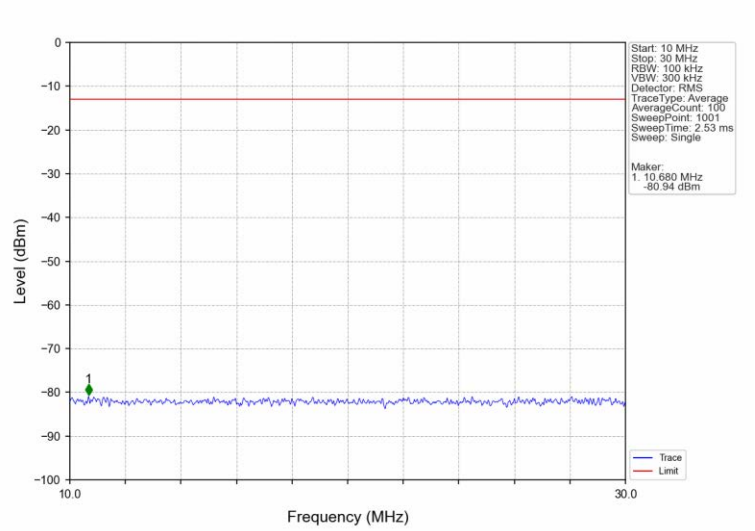
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



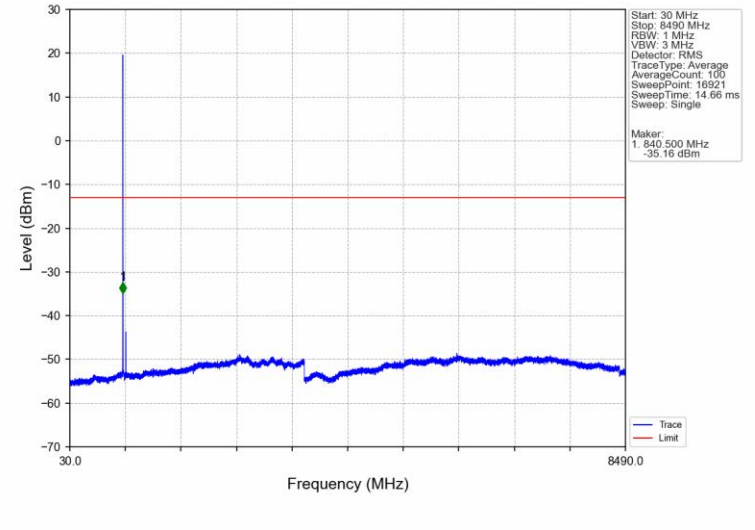
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



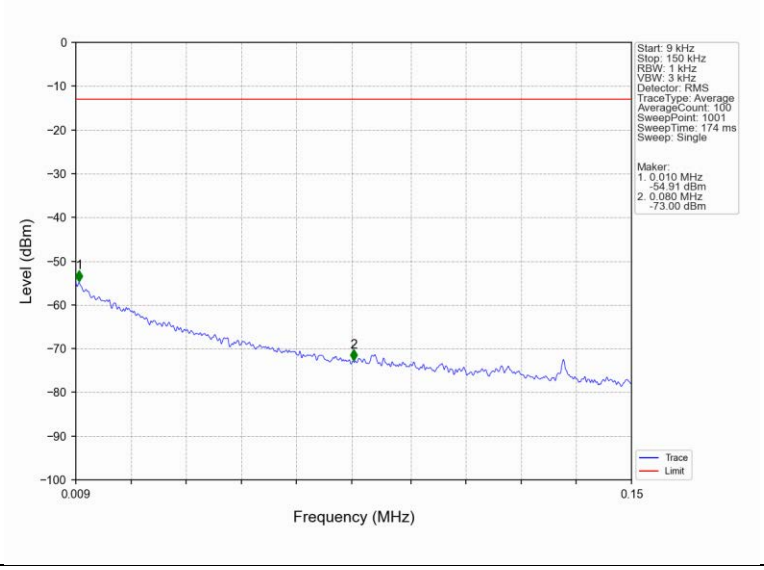
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



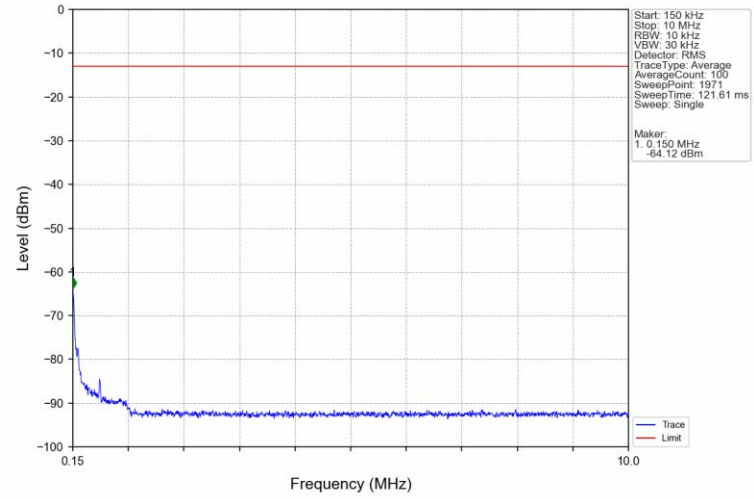
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



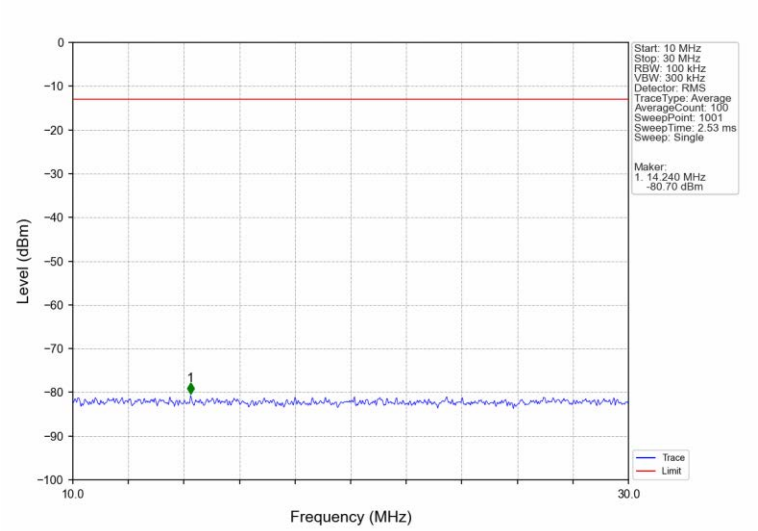
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV