1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.40	-1.49	19.76	<=38.45	Pass
			2	23.42	-1.49	19.78	<=38.45	Pass
			5	23.34	-1.49	19.70	<=38.45	Pass
		3	0	23.45	-1.49	19.81	<=38.45	Pass
			2	23.30	-1.49	19.66	<=38.45	Pass
			3	23.34	-1.49	19.70	<=38.45	Pass
		6	0	22.33	-1.49	18.69	<=38.45	Pass
	836.5	1	0	23.33	-1.49	19.69	<=38.45	Pass
			2	23.30	-1.49	19.66	<=38.45	Pass
			5	23.34	-1.49	19.70	<=38.45	Pass
		3	0	23.26	-1.49	19.62	<=38.45	Pass
			2	23.34	-1.49	19.70	<=38.45	Pass
			3	23.32	-1.49	19.68	<=38.45	Pass
		6	0	22.33	-1.49	18.69	<=38.45	Pass
	848.3	1	0	22.99	-1.49	19.35	<=38.45	Pass
			2	22.98	-1.49	19.34	<=38.45	Pass
			5	22.90	-1.49	19.26	<=38.45	Pass
		3	0	23.12	-1.49	19.48	<=38.45	Pass
			2	23.12	-1.49	19.48	<=38.45	Pass
			3	23.00	-1.49	19.36	<=38.45	Pass
		6	0	22.02	-1.49	18.38	<=38.45	Pass
16QAM	824.7	1	0	22.44	-1.49	18.80	<=38.45	Pass
			2	22.40	-1.49	18.76	<=38.45	Pass
			5	22.41	-1.49	18.77	<=38.45	Pass
		3	0	22.25	-1.49	18.61	<=38.45	Pass
			2	22.29	-1.49	18.65	<=38.45	Pass
			3	22.17	-1.49	18.53	<=38.45	Pass
		6	0	21.47	-1.49	17.83	<=38.45	Pass
	836.5	1	0	22.93	-1.49	19.29	<=38.45	Pass
			2	22.92	-1.49	19.28	<=38.45	Pass
			5	22.96	-1.49	19.32	<=38.45	Pass
		3	0	22.30	-1.49	18.66	<=38.45	Pass
			2	22.30	-1.49	18.66	<=38.45	Pass
			3	22.39	-1.49	18.75	<=38.45	Pass
		6	0	21.47	-1.49	17.83	<=38.45	Pass
	848.3	1	0	22.61	-1.49	18.97	<=38.45	Pass
			2	22.59	-1.49	18.95	<=38.45	Pass
			5	22.57	-1.49	18.93	<=38.45	Pass
		3	0	21.83	-1.49	18.19	<=38.45	Pass
			2	21.87	-1.49	18.23	<=38.45	Pass
			3	21.83	-1.49	18.19	<=38.45	Pass
		6	0	21.20	-1.49	17.56	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.35	-1.49	19.71	<=38.45	Pass
			7	23.31	-1.49	19.67	<=38.45	Pass
			14	23.37	-1.49	19.73	<=38.45	Pass
		8	0	22.41	-1.49	18.77	<=38.45	Pass
			4	22.44	-1.49	18.80	<=38.45	Pass
			7	22.39	-1.49	18.75	<=38.45	Pass
		15	0	22.46	-1.49	18.82	<=38.45	Pass
	836.5	1	0	23.36	-1.49	19.72	<=38.45	Pass
			7	23.29	-1.49	19.65	<=38.45	Pass
			14	23.25	-1.49	19.61	<=38.45	Pass
		8	0	22.30	-1.49	18.66	<=38.45	Pass
			4	22.24	-1.49	18.60	<=38.45	Pass
			7	22.33	-1.49	18.69	<=38.45	Pass
		15	0	22.26	-1.49	18.62	<=38.45	Pass
	847.5	1	0	23.13	-1.49	19.49	<=38.45	Pass
			7	23.11	-1.49	19.47	<=38.45	Pass
			14	23.14	-1.49	19.50	<=38.45	Pass
		8	0	21.95	-1.49	18.31	<=38.45	Pass
			4	21.94	-1.49	18.30	<=38.45	Pass
			7	21.97	-1.49	18.33	<=38.45	Pass
		15	0	22.08	-1.49	18.44	<=38.45	Pass
16QAM	825.5	1	0	23.32	-1.49	19.68	<=38.45	Pass
			7	23.24	-1.49	19.60	<=38.45	Pass
			14	23.24	-1.49	19.60	<=38.45	Pass
		8	0	21.71	-1.49	18.07	<=38.45	Pass
			4	21.72	-1.49	18.08	<=38.45	Pass
			7	21.72	-1.49	18.08	<=38.45	Pass
		15	0	21.52	-1.49	17.88	<=38.45	Pass
	836.5	1	0	22.33	-1.49	18.69	<=38.45	Pass
			7	22.30	-1.49	18.66	<=38.45	Pass
			14	22.31	-1.49	18.67	<=38.45	Pass
		8	0	21.47	-1.49	17.83	<=38.45	Pass
			4	21.48	-1.49	17.84	<=38.45	Pass
			7	21.50	-1.49	17.86	<=38.45	Pass
		15	0	21.43	-1.49	17.79	<=38.45	Pass
	847.5	1	0	22.97	-1.49	19.33	<=38.45	Pass
			7	22.97	-1.49	19.33	<=38.45	Pass
			14	22.94	-1.49	19.30	<=38.45	Pass
		8	0	21.12	-1.49	17.48	<=38.45	Pass
			4	21.10	-1.49	17.46	<=38.45	Pass
			7	21.16	-1.49	17.52	<=38.45	Pass
		15	0	21.04	-1.49	17.40	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.35	-1.49	19.71	<=38.45	Pass
			13	23.23	-1.49	19.59	<=38.45	Pass
			24	23.30	-1.49	19.66	<=38.45	Pass
		12	0	22.35	-1.49	18.71	<=38.45	Pass
			6	22.28	-1.49	18.64	<=38.45	Pass
			13	22.37	-1.49	18.73	<=38.45	Pass
		25	0	22.45	-1.49	18.81	<=38.45	Pass

	836.5	1	0	23.32	-1.49	19.68	<=38.45	Pass
			13	23.11	-1.49	19.47	<=38.45	Pass
			24	23.10	-1.49	19.46	<=38.45	Pass
		12	0	22.32	-1.49	18.68	<=38.45	Pass
			6	22.26	-1.49	18.62	<=38.45	Pass
			13	22.35	-1.49	18.71	<=38.45	Pass
		25	0	22.25	-1.49	18.61	<=38.45	Pass
	846.5	1	0	23.17	-1.49	19.53	<=38.45	Pass
			13	23.06	-1.49	19.42	<=38.45	Pass
			24	23.03	-1.49	19.39	<=38.45	Pass
		12	0	21.96	-1.49	18.32	<=38.45	Pass
			6	21.92	-1.49	18.28	<=38.45	Pass
			13	21.94	-1.49	18.30	<=38.45	Pass
		25	0	22.06	-1.49	18.42	<=38.45	Pass
16QAM	826.5	1	0	22.04	-1.49	18.40	<=38.45	Pass
			13	22.03	-1.49	18.39	<=38.45	Pass
			24	22.05	-1.49	18.41	<=38.45	Pass
		12	0	21.40	-1.49	17.76	<=38.45	Pass
			6	21.40	-1.49	17.76	<=38.45	Pass
			13	21.36	-1.49	17.72	<=38.45	Pass
		25	0	21.46	-1.49	17.82	<=38.45	Pass
	836.5	1	0	22.86	-1.49	19.22	<=38.45	Pass
			13	22.82	-1.49	19.18	<=38.45	Pass
			24	22.87	-1.49	19.23	<=38.45	Pass
		12	0	21.24	-1.49	17.60	<=38.45	Pass
			6	21.35	-1.49	17.71	<=38.45	Pass
			13	21.32	-1.49	17.68	<=38.45	Pass
		25	0	21.37	-1.49	17.73	<=38.45	Pass
	846.5	1	0	22.54	-1.49	18.90	<=38.45	Pass
			13	22.51	-1.49	18.87	<=38.45	Pass
			24	22.44	-1.49	18.80	<=38.45	Pass
		12	0	20.97	-1.49	17.33	<=38.45	Pass
			6	20.94	-1.49	17.30	<=38.45	Pass
			13	20.90	-1.49	17.26	<=38.45	Pass
		25	0	20.98	-1.49	17.34	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.36	-1.49	19.72	<=38.45	Pass
			25	23.39	-1.49	19.75	<=38.45	Pass
			49	23.40	-1.49	19.76	<=38.45	Pass
		25	0	22.35	-1.49	18.71	<=38.45	Pass
			13	22.29	-1.49	18.65	<=38.45	Pass
			25	22.38	-1.49	18.74	<=38.45	Pass
		50	0	22.20	-1.49	18.56	<=38.45	Pass
	836.5	1	0	23.36	-1.49	19.72	<=38.45	Pass
			25	23.19	-1.49	19.55	<=38.45	Pass
			49	23.05	-1.49	19.41	<=38.45	Pass
		25	0	22.35	-1.49	18.71	<=38.45	Pass
			13	22.21	-1.49	18.57	<=38.45	Pass
			25	22.17	-1.49	18.53	<=38.45	Pass
		50	0	22.37	-1.49	18.73	<=38.45	Pass
	844	1	0	23.11	-1.49	19.47	<=38.45	Pass
			25	22.98	-1.49	19.34	<=38.45	Pass

			49	22.93	-1.49	19.29	<=38.45	Pass
		25	0	22.11	-1.49	18.47	<=38.45	Pass
			13	22.01	-1.49	18.37	<=38.45	Pass
			25	21.94	-1.49	18.30	<=38.45	Pass
		50	0	22.02	-1.49	18.38	<=38.45	Pass
16QAM	829	1	0	23.39	-1.49	19.75	<=38.45	Pass
			25	23.26	-1.49	19.62	<=38.45	Pass
			49	23.26	-1.49	19.62	<=38.45	Pass
		25	0	21.41	-1.49	17.77	<=38.45	Pass
			13	21.32	-1.49	17.68	<=38.45	Pass
			25	21.40	-1.49	17.76	<=38.45	Pass
		50	0	21.34	-1.49	17.70	<=38.45	Pass
	836.5	1	0	22.71	-1.49	19.07	<=38.45	Pass
			25	22.56	-1.49	18.92	<=38.45	Pass
			49	22.49	-1.49	18.85	<=38.45	Pass
		25	0	21.37	-1.49	17.73	<=38.45	Pass
			13	21.46	-1.49	17.82	<=38.45	Pass
			25	21.42	-1.49	17.78	<=38.45	Pass
		50	0	21.37	-1.49	17.73	<=38.45	Pass
	844	1	0	23.40	-1.49	19.76	<=38.45	Pass
			25	23.32	-1.49	19.68	<=38.45	Pass
			49	23.16	-1.49	19.52	<=38.45	Pass
		25	0	21.28	-1.49	17.64	<=38.45	Pass
			13	21.09	-1.49	17.45	<=38.45	Pass
			25	21.02	-1.49	17.38	<=38.45	Pass
		50	0	21.10	-1.49	17.46	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	2.289	0.0028	-2.5 to 2.5	Pass
					3.85	12.903	0.0156	-2.5 to 2.5	Pass
					4.43	24.719	0.0300	-2.5 to 2.5	Pass
				-30	3.85	34.947	0.0424	-2.5 to 2.5	Pass
				-20	3.85	32.959	0.0400	-2.5 to 2.5	Pass
				-10	3.85	30.713	0.0372	-2.5 to 2.5	Pass
				0	3.85	28.753	0.0349	-2.5 to 2.5	Pass
				10	3.85	22.917	0.0278	-2.5 to 2.5	Pass
				30	3.85	18.325	0.0222	-2.5 to 2.5	Pass
				40	3.85	11.759	0.0143	-2.5 to 2.5	Pass
				50	3.85	5.336	0.0065	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-8.597	-0.0103	-2.5 to 2.5	Pass
					3.85	-11.287	-0.0135	-2.5 to 2.5	Pass
					4.43	-5.379	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0012	-2.5 to 2.5	Pass
				-10	3.85	6.037	0.0072	-2.5 to 2.5	Pass
				0	3.85	9.170	0.0110	-2.5 to 2.5	Pass
				10	3.85	12.689	0.0152	-2.5 to 2.5	Pass

				30	3.85	14.577	0.0174	-2.5 to 2.5	Pass
				40	3.85	16.851	0.0201	-2.5 to 2.5	Pass
				50	3.85	14.791	0.0177	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-8.798	-0.0104	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0099	-2.5 to 2.5	Pass
					4.43	-7.324	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.744	0.0009	-2.5 to 2.5	Pass
				0	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-9.255	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-13.289	-0.0157	-2.5 to 2.5	Pass
				40	3.85	-18.153	-0.0214	-2.5 to 2.5	Pass
				50	3.85	-20.070	-0.0237	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.159	-0.0014	-2.5 to 2.5	Pass
					3.85	-8.955	-0.0109	-2.5 to 2.5	Pass
					4.43	-13.676	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-20.413	-0.0248	-2.5 to 2.5	Pass
				-20	3.85	-28.152	-0.0341	-2.5 to 2.5	Pass
				-10	3.85	-33.746	-0.0409	-2.5 to 2.5	Pass
				0	3.85	-38.724	-0.0470	-2.5 to 2.5	Pass
				10	3.85	-43.402	-0.0526	-2.5 to 2.5	Pass
				30	3.85	2.489	0.0030	-2.5 to 2.5	Pass
				40	3.85	1.631	0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	14.877	0.0178	-2.5 to 2.5	Pass
					3.85	13.418	0.0160	-2.5 to 2.5	Pass
					4.43	18.268	0.0218	-2.5 to 2.5	Pass
				-30	3.85	20.671	0.0247	-2.5 to 2.5	Pass
				-20	3.85	23.890	0.0286	-2.5 to 2.5	Pass
				-10	3.85	25.921	0.0310	-2.5 to 2.5	Pass
				0	3.85	29.025	0.0347	-2.5 to 2.5	Pass
				10	3.85	32.773	0.0392	-2.5 to 2.5	Pass
				30	3.85	36.850	0.0441	-2.5 to 2.5	Pass
				40	3.85	35.119	0.0420	-2.5 to 2.5	Pass
				50	3.85	37.665	0.0450	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-28.439	-0.0335	-2.5 to 2.5	Pass
					3.85	-30.584	-0.0361	-2.5 to 2.5	Pass
					4.43	-33.574	-0.0396	-2.5 to 2.5	Pass
				-30	3.85	-37.866	-0.0446	-2.5 to 2.5	Pass
				-20	3.85	-40.855	-0.0482	-2.5 to 2.5	Pass
				-10	3.85	-42.558	-0.0502	-2.5 to 2.5	Pass
				0	3.85	4.992	0.0059	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-6.166	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-5.322	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-3.948	-0.0047	-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	-9.098	-0.0110	-2.5 to 2.5	Pass
					3.85	-9.599	-0.0116	-2.5 to 2.5	Pass
					4.43	-6.323	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0022	-2.5 to 2.5	Pass

				-10	3.85	3.705	0.0045	-2.5 to 2.5	Pass
				0	3.85	3.076	0.0037	-2.5 to 2.5	Pass
				10	3.85	2.303	0.0028	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-11.144	-0.0135	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-9.198	-0.0110	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0087	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	2.675	0.0032	-2.5 to 2.5	Pass
				-10	3.85	3.405	0.0041	-2.5 to 2.5	Pass
				0	3.85	6.509	0.0078	-2.5 to 2.5	Pass
				10	3.85	7.267	0.0087	-2.5 to 2.5	Pass
				30	3.85	10.529	0.0126	-2.5 to 2.5	Pass
				40	3.85	12.074	0.0144	-2.5 to 2.5	Pass
				50	3.85	11.244	0.0134	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.060	-0.0024	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
					4.43	4.077	0.0048	-2.5 to 2.5	Pass
				-30	3.85	6.638	0.0078	-2.5 to 2.5	Pass
				-20	3.85	9.356	0.0110	-2.5 to 2.5	Pass
				-10	3.85	8.798	0.0104	-2.5 to 2.5	Pass
				0	3.85	6.652	0.0078	-2.5 to 2.5	Pass
				10	3.85	4.063	0.0048	-2.5 to 2.5	Pass
				30	3.85	0.873	0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.905	-0.0046	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-16.565	-0.0201	-2.5 to 2.5	Pass
					3.85	-21.443	-0.0260	-2.5 to 2.5	Pass
					4.43	-25.334	-0.0307	-2.5 to 2.5	Pass
				-30	3.85	-31.056	-0.0376	-2.5 to 2.5	Pass
				-20	3.85	-32.444	-0.0393	-2.5 to 2.5	Pass
				-10	3.85	-35.548	-0.0431	-2.5 to 2.5	Pass
				0	3.85	-35.849	-0.0434	-2.5 to 2.5	Pass
				10	3.85	-39.310	-0.0476	-2.5 to 2.5	Pass
				30	3.85	-38.924	-0.0472	-2.5 to 2.5	Pass
				40	3.85	-39.382	-0.0477	-2.5 to 2.5	Pass
				50	3.85	-41.528	-0.0503	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	14.176	0.0169	-2.5 to 2.5	Pass
					3.85	18.411	0.0220	-2.5 to 2.5	Pass
					4.43	23.360	0.0279	-2.5 to 2.5	Pass
				-30	3.85	24.648	0.0295	-2.5 to 2.5	Pass
				-20	3.85	29.182	0.0349	-2.5 to 2.5	Pass
				-10	3.85	28.853	0.0345	-2.5 to 2.5	Pass
				0	3.85	33.360	0.0399	-2.5 to 2.5	Pass
				10	3.85	35.877	0.0429	-2.5 to 2.5	Pass
				30	3.85	39.511	0.0472	-2.5 to 2.5	Pass
				40	3.85	42.958	0.0514	-2.5 to 2.5	Pass
				50	3.85	45.891	0.0549	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-11.830	-0.0140	-2.5 to 2.5	Pass
					3.85	-10.514	-0.0124	-2.5 to 2.5	Pass
					4.43	-12.431	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-12.789	-0.0151	-2.5 to 2.5	Pass
				-20	3.85	-13.661	-0.0161	-2.5 to 2.5	Pass
				-10	3.85	-16.866	-0.0199	-2.5 to 2.5	Pass
				0	3.85	-17.095	-0.0202	-2.5 to 2.5	Pass
				10	3.85	-17.095	-0.0202	-2.5 to 2.5	Pass
				30	3.85	-14.949	-0.0176	-2.5 to 2.5	Pass

				40	3.85	-12.732	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-14.062	-0.0166	-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	-1.173	-0.0014	-2.5 to 2.5	Pass
					3.85	0.587	0.0007	-2.5 to 2.5	Pass
					4.43	2.303	0.0028	-2.5 to 2.5	Pass
				-30	3.85	4.635	0.0056	-2.5 to 2.5	Pass
				-20	3.85	8.755	0.0106	-2.5 to 2.5	Pass
				-10	3.85	10.443	0.0126	-2.5 to 2.5	Pass
				0	3.85	8.955	0.0108	-2.5 to 2.5	Pass
				10	3.85	4.005	0.0048	-2.5 to 2.5	Pass
				30	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-6.337	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-10.800	-0.0131	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-7.482	-0.0089	-2.5 to 2.5	Pass
					3.85	-5.207	-0.0062	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	2.332	0.0028	-2.5 to 2.5	Pass
				-10	3.85	7.367	0.0088	-2.5 to 2.5	Pass
				0	3.85	8.583	0.0103	-2.5 to 2.5	Pass
				10	3.85	14.019	0.0168	-2.5 to 2.5	Pass
				30	3.85	16.994	0.0203	-2.5 to 2.5	Pass
				40	3.85	21.358	0.0255	-2.5 to 2.5	Pass
				50	3.85	19.770	0.0236	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-7.467	-0.0088	-2.5 to 2.5	Pass
					3.85	-9.284	-0.0110	-2.5 to 2.5	Pass
					4.43	-4.592	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0012	-2.5 to 2.5	Pass
				-20	3.85	4.263	0.0050	-2.5 to 2.5	Pass
				-10	3.85	4.249	0.0050	-2.5 to 2.5	Pass
				0	3.85	6.280	0.0074	-2.5 to 2.5	Pass
				10	3.85	7.195	0.0085	-2.5 to 2.5	Pass
				30	3.85	9.356	0.0111	-2.5 to 2.5	Pass
				40	3.85	7.639	0.0090	-2.5 to 2.5	Pass
				50	3.85	7.038	0.0083	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-19.798	-0.0240	-2.5 to 2.5	Pass
					3.85	-27.380	-0.0331	-2.5 to 2.5	Pass
					4.43	-31.943	-0.0386	-2.5 to 2.5	Pass
				-30	3.85	-33.975	-0.0411	-2.5 to 2.5	Pass
				-20	3.85	-39.096	-0.0473	-2.5 to 2.5	Pass
				-10	3.85	-41.084	-0.0497	-2.5 to 2.5	Pass
				0	3.85	-44.560	-0.0539	-2.5 to 2.5	Pass
				10	3.85	3.176	0.0038	-2.5 to 2.5	Pass
				30	3.85	3.290	0.0040	-2.5 to 2.5	Pass
				40	3.85	1.044	0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	24.390	0.0292	-2.5 to 2.5	Pass
					3.85	28.796	0.0344	-2.5 to 2.5	Pass
					4.43	33.517	0.0401	-2.5 to 2.5	Pass
				-30	3.85	31.171	0.0373	-2.5 to 2.5	Pass
				-20	3.85	35.949	0.0430	-2.5 to 2.5	Pass
				-10	3.85	37.723	0.0451	-2.5 to 2.5	Pass

				0	3.85	39.625	0.0474	-2.5 to 2.5	Pass
				10	3.85	42.658	0.0510	-2.5 to 2.5	Pass
				30	3.85	45.791	0.0547	-2.5 to 2.5	Pass
				40	3.85	8.597	0.0103	-2.5 to 2.5	Pass
				50	3.85	3.991	0.0048	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	5.422	0.0064	-2.5 to 2.5	Pass
					3.85	3.977	0.0047	-2.5 to 2.5	Pass
					4.43	4.578	0.0054	-2.5 to 2.5	Pass
				-30	3.85	3.319	0.0039	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0016	-2.5 to 2.5	Pass
				-10	3.85	1.202	0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0031	-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	-5.379	-0.0065	-2.5 to 2.5	Pass
					3.85	-12.331	-0.0149	-2.5 to 2.5	Pass
					4.43	-6.595	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0017	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0035	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.877	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-8.826	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-13.733	-0.0166	-2.5 to 2.5	Pass
				50	3.85	-20.070	-0.0242	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-18.625	-0.0223	-2.5 to 2.5	Pass
					3.85	-14.105	-0.0169	-2.5 to 2.5	Pass
					4.43	-4.048	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	5.894	0.0070	-2.5 to 2.5	Pass
				-20	3.85	11.802	0.0141	-2.5 to 2.5	Pass
				-10	3.85	13.046	0.0156	-2.5 to 2.5	Pass
				0	3.85	16.866	0.0202	-2.5 to 2.5	Pass
				10	3.85	19.627	0.0235	-2.5 to 2.5	Pass
				30	3.85	24.033	0.0287	-2.5 to 2.5	Pass
				40	3.85	27.609	0.0330	-2.5 to 2.5	Pass
				50	3.85	28.524	0.0341	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-8.740	-0.0104	-2.5 to 2.5	Pass
					3.85	-8.497	-0.0101	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-4.392	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-1.459	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.503	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-12.074	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-16.251	-0.0193	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-26.150	-0.0315	-2.5 to 2.5	Pass
					3.85	-31.185	-0.0376	-2.5 to 2.5	Pass
					4.43	-33.975	-0.0410	-2.5 to 2.5	Pass

				-30	3.85	-35.405	-0.0427	-2.5 to 2.5	Pass
				-20	3.85	-38.195	-0.0461	-2.5 to 2.5	Pass
				-10	3.85	-42.615	-0.0514	-2.5 to 2.5	Pass
				0	3.85	-41.685	-0.0503	-2.5 to 2.5	Pass
				10	3.85	-40.183	-0.0485	-2.5 to 2.5	Pass
				30	3.85	-40.069	-0.0483	-2.5 to 2.5	Pass
				40	3.85	-41.399	-0.0499	-2.5 to 2.5	Pass
				50	3.85	-40.898	-0.0493	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	28.539	0.0341	-2.5 to 2.5	Pass
					3.85	30.656	0.0366	-2.5 to 2.5	Pass
					4.43	32.301	0.0386	-2.5 to 2.5	Pass
				-30	3.85	32.330	0.0386	-2.5 to 2.5	Pass
				-20	3.85	36.035	0.0431	-2.5 to 2.5	Pass
				-10	3.85	41.871	0.0501	-2.5 to 2.5	Pass
				0	3.85	41.099	0.0491	-2.5 to 2.5	Pass
				10	3.85	44.346	0.0530	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
				40	3.85	0.873	0.0010	-2.5 to 2.5	Pass
				50	3.85	4.506	0.0054	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-20.084	-0.0238	-2.5 to 2.5	Pass
					3.85	-18.597	-0.0220	-2.5 to 2.5	Pass
					4.43	-18.368	-0.0218	-2.5 to 2.5	Pass
				-30	3.85	-17.767	-0.0211	-2.5 to 2.5	Pass
				-20	3.85	-16.336	-0.0194	-2.5 to 2.5	Pass
				-10	3.85	-16.479	-0.0195	-2.5 to 2.5	Pass
				0	3.85	-17.238	-0.0204	-2.5 to 2.5	Pass
				10	3.85	-17.753	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-15.321	-0.0182	-2.5 to 2.5	Pass
				40	3.85	-14.119	-0.0167	-2.5 to 2.5	Pass
				50	3.85	-10.629	-0.0126	-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

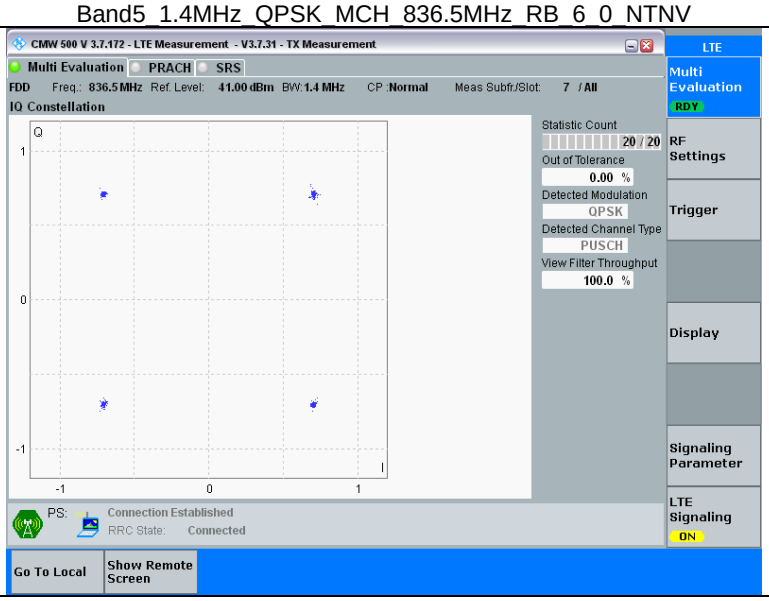
3.1.4 B5_10MHz

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

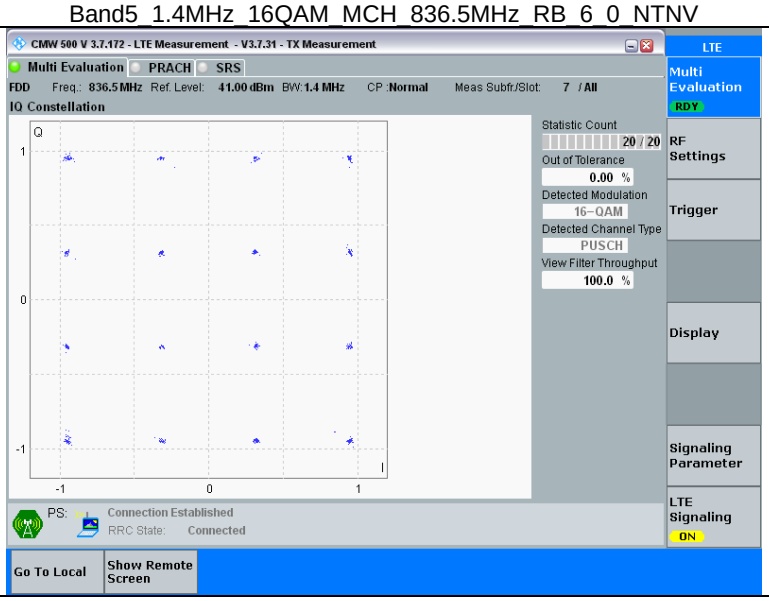
3.2 Test Graph

3.2.1 B5_1.4MHz

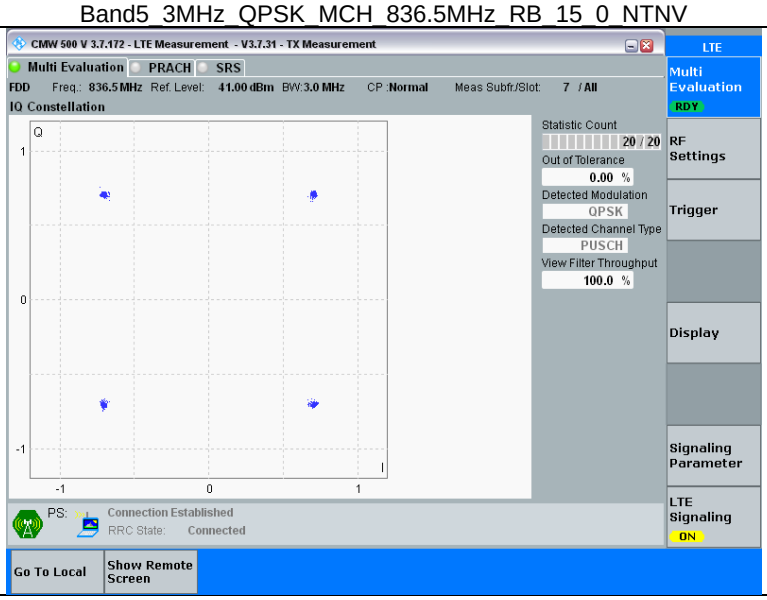
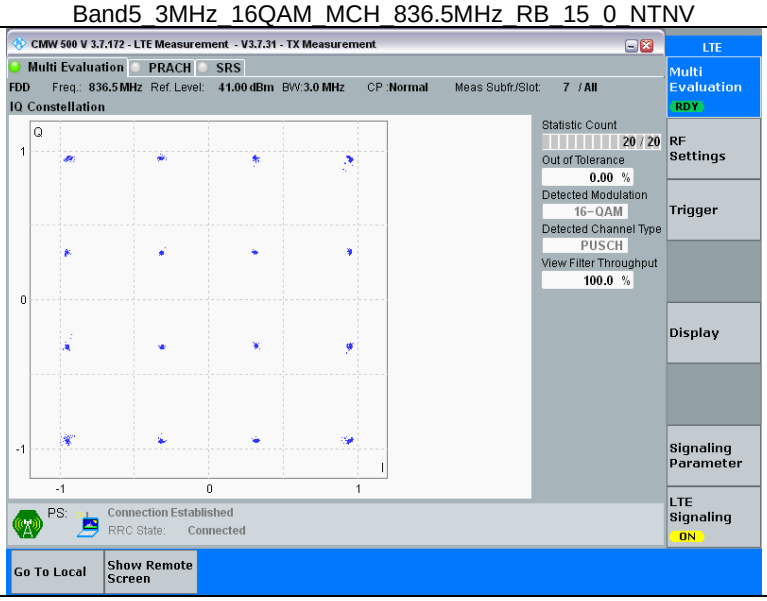
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

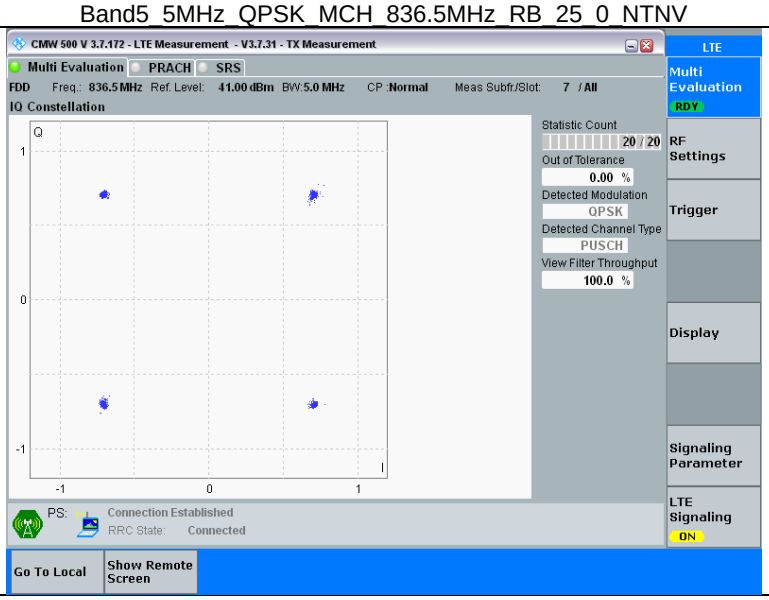


3.2.2 B5_3MHz

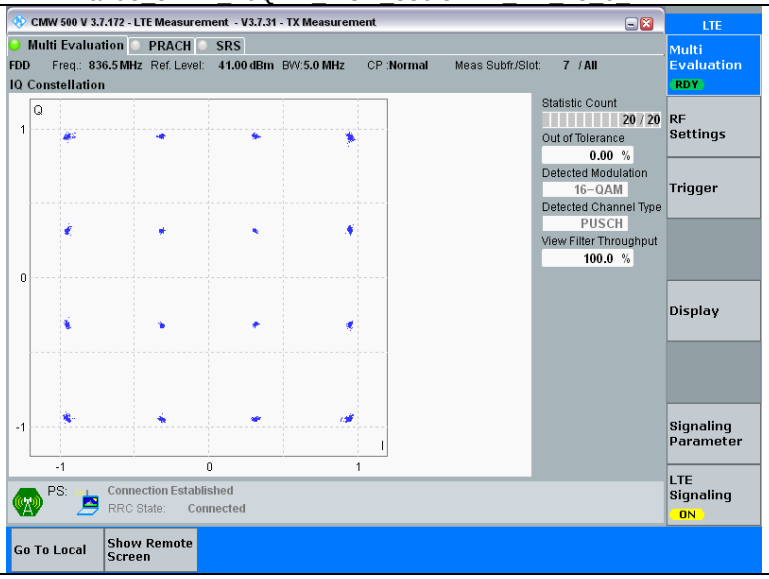
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV


3.2.3 B5_5MHz

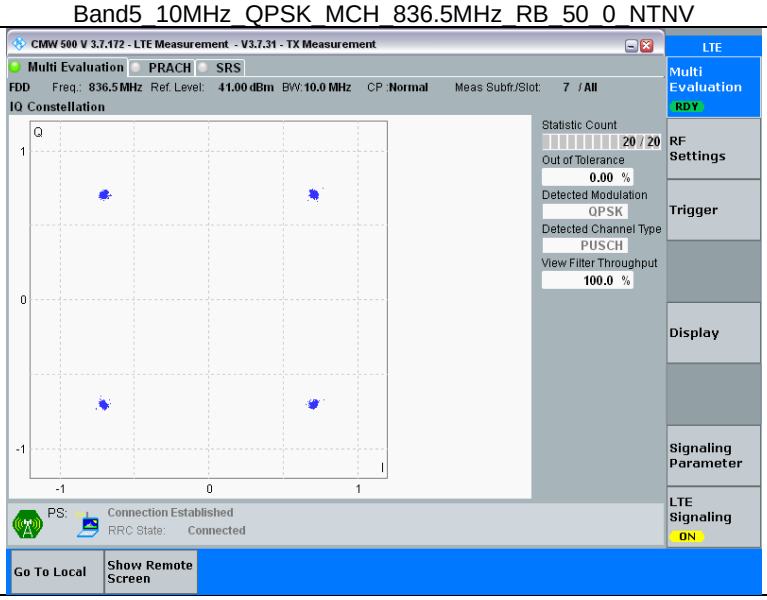
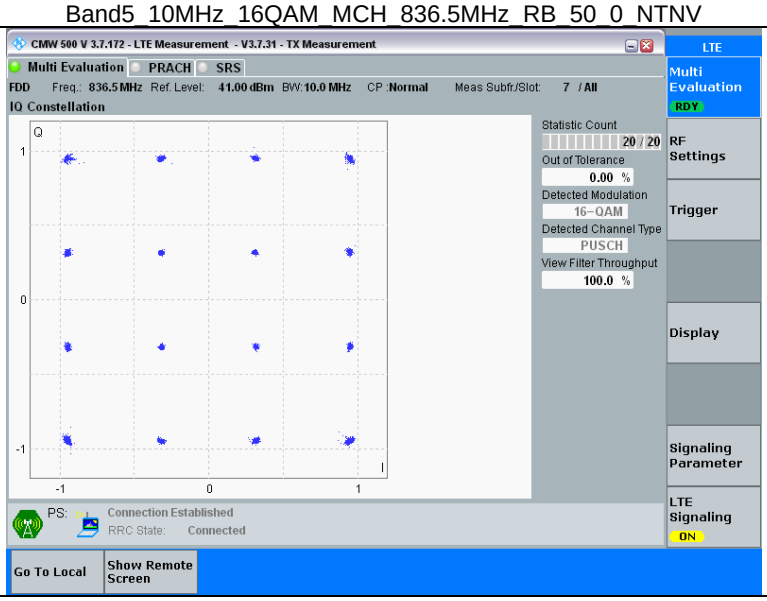
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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	1.109	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.114	/	Pass
	16QAM	824.7	6	0	1.102	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.115	/	Pass
3	QPSK	825.5	15	0	2.766	/	Pass
		836.5	15	0	2.756	/	Pass
		847.5	15	0	2.736	/	Pass
	16QAM	825.5	15	0	2.753	/	Pass
		836.5	15	0	2.765	/	Pass
		847.5	15	0	2.744	/	Pass
5	QPSK	826.5	25	0	4.560	/	Pass
		836.5	25	0	4.550	/	Pass
		846.5	25	0	4.528	/	Pass
	16QAM	826.5	25	0	4.551	/	Pass
		836.5	25	0	4.565	/	Pass
		846.5	25	0	4.560	/	Pass
10	QPSK	829	50	0	9.071	/	Pass
		836.5	50	0	9.055	/	Pass
		844	50	0	9.048	/	Pass
	16QAM	829	50	0	9.076	/	Pass
		836.5	50	0	9.060	/	Pass
		844	50	0	9.049	/	Pass

4.1.2 Band5_XDB

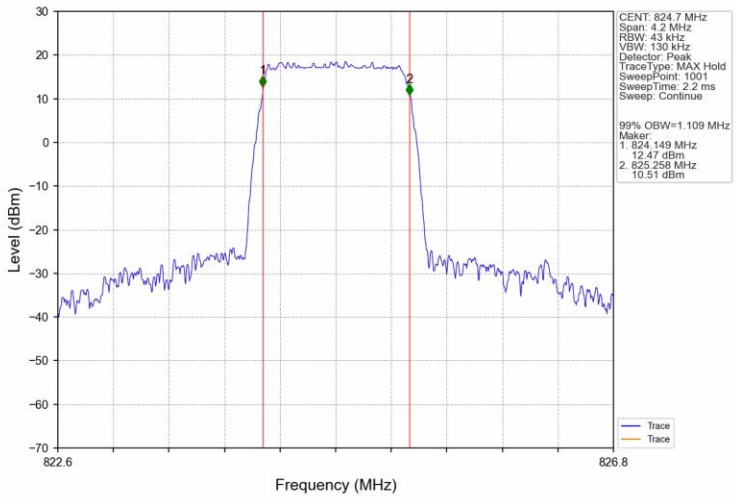
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.273	/	Pass
		836.5	6	0	1.272	/	Pass
		848.3	6	0	1.270	/	Pass
	16QAM	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.280	/	Pass
		848.3	6	0	1.281	/	Pass
3	QPSK	825.5	15	0	3.103	/	Pass
		836.5	15	0	3.097	/	Pass
		847.5	15	0	3.071	/	Pass
	16QAM	825.5	15	0	3.100	/	Pass
		836.5	15	0	3.119	/	Pass
		847.5	15	0	3.084	/	Pass
5	QPSK	826.5	25	0	5.057	/	Pass
		836.5	25	0	5.050	/	Pass
		846.5	25	0	4.915	/	Pass

	16QAM	826.5	25	0	5.064	/	Pass
		836.5	25	0	5.065	/	Pass
		846.5	25	0	5.067	/	Pass
10	QPSK	829	50	0	9.999	/	Pass
		836.5	50	0	10.036	/	Pass
		844	50	0	10.023	/	Pass
	16QAM	829	50	0	10.035	/	Pass
		836.5	50	0	10.037	/	Pass
		844	50	0	10.044	/	Pass

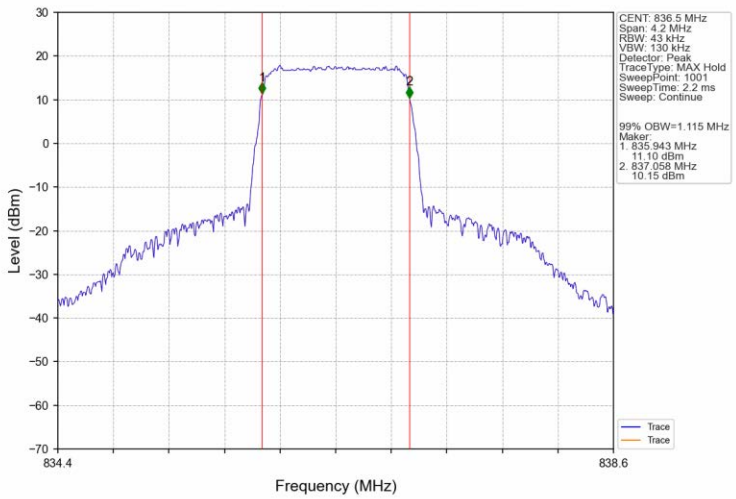
4.2 Test Graph

4.2.1 Band5_OBW

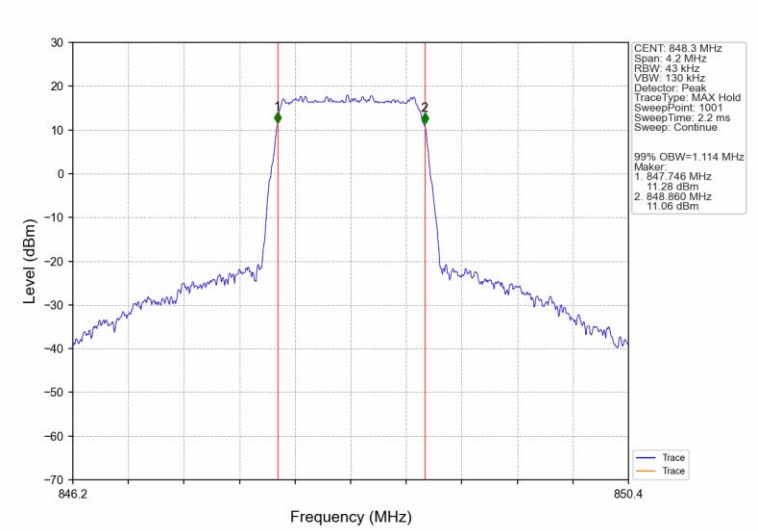
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



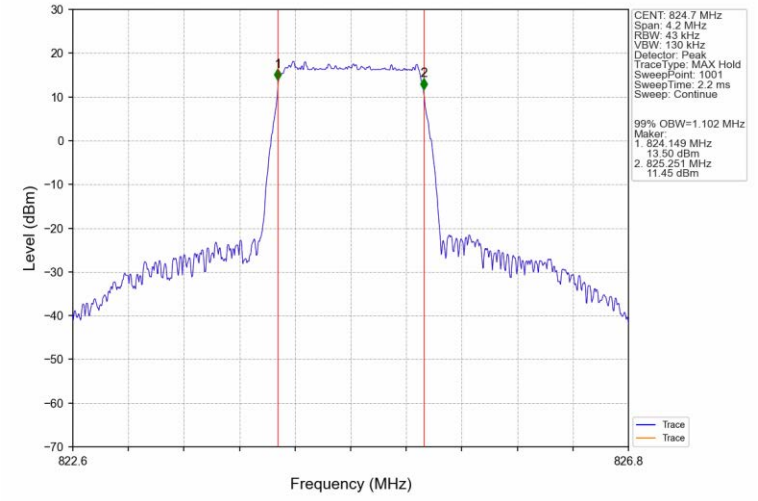
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



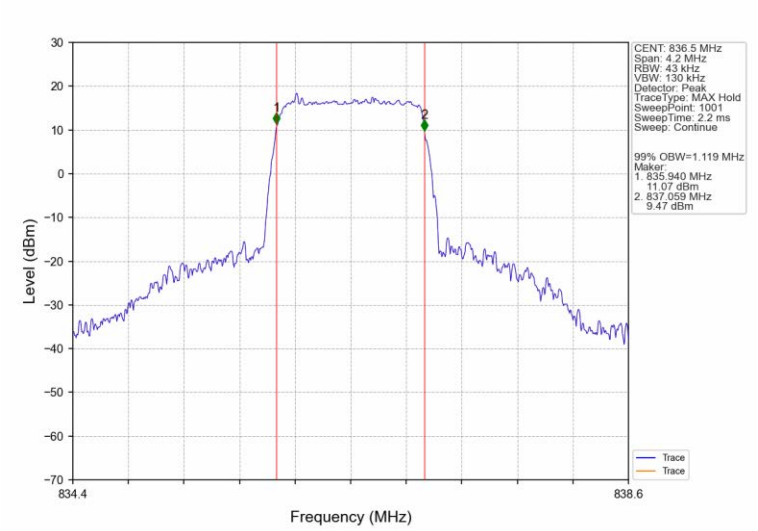
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



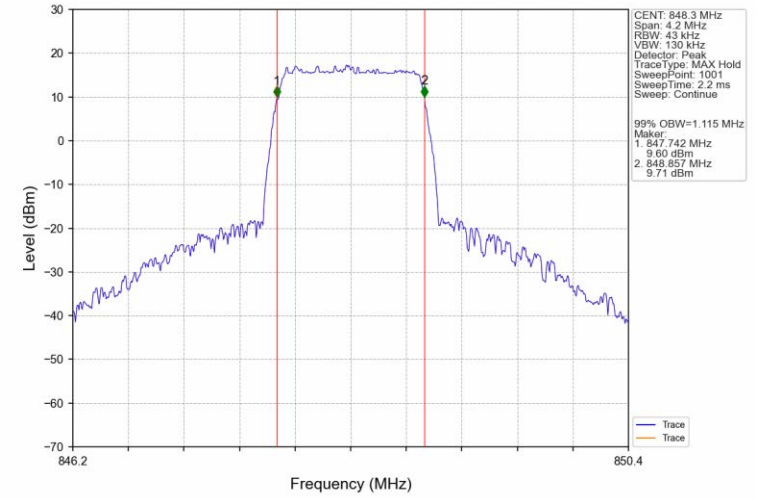
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



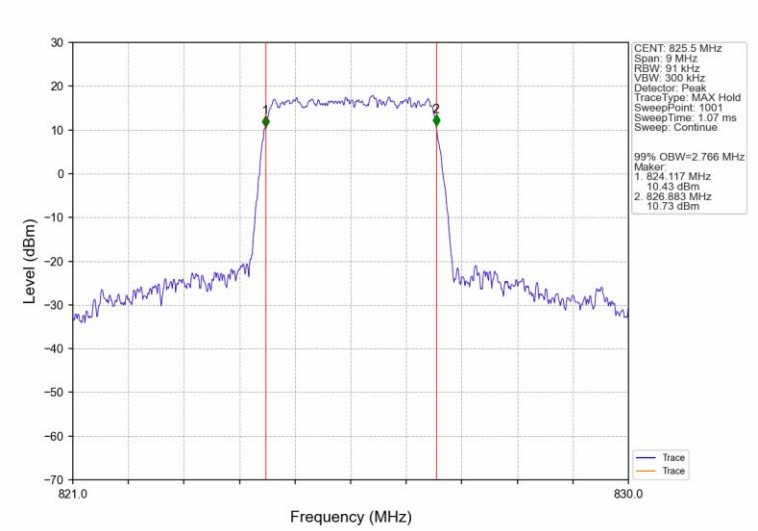
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



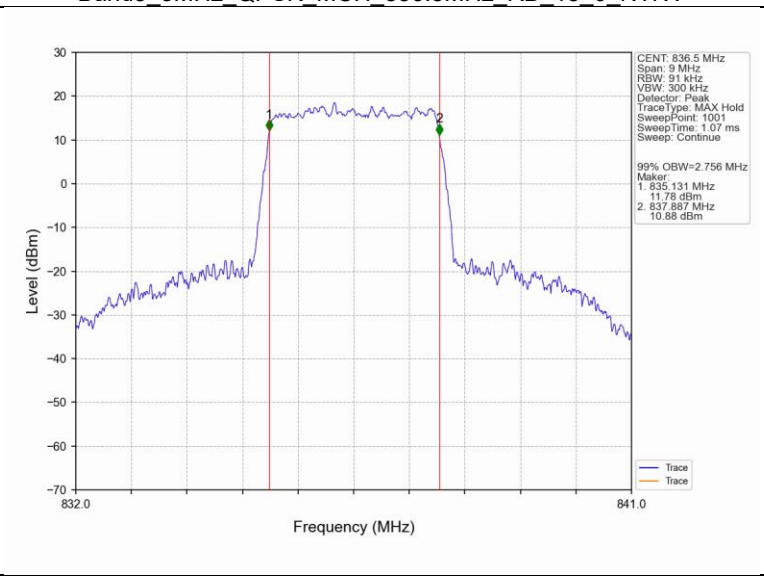
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



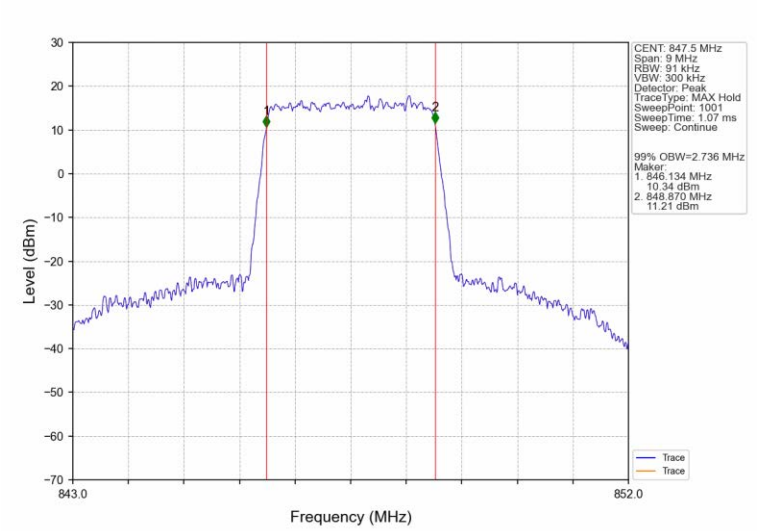
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



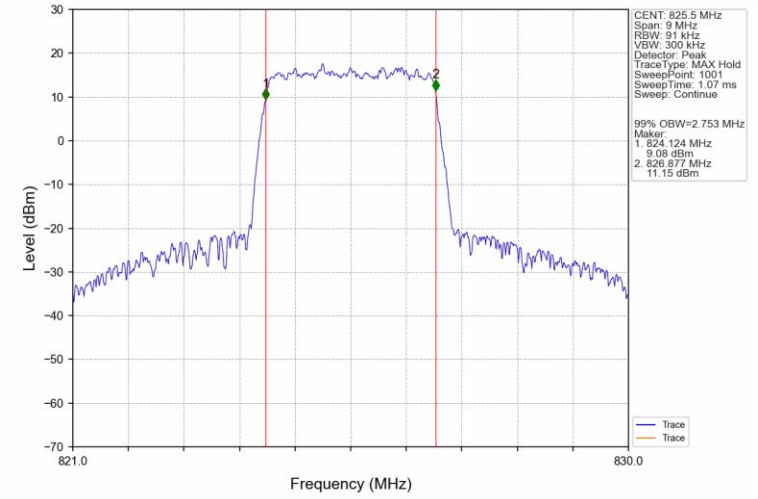
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



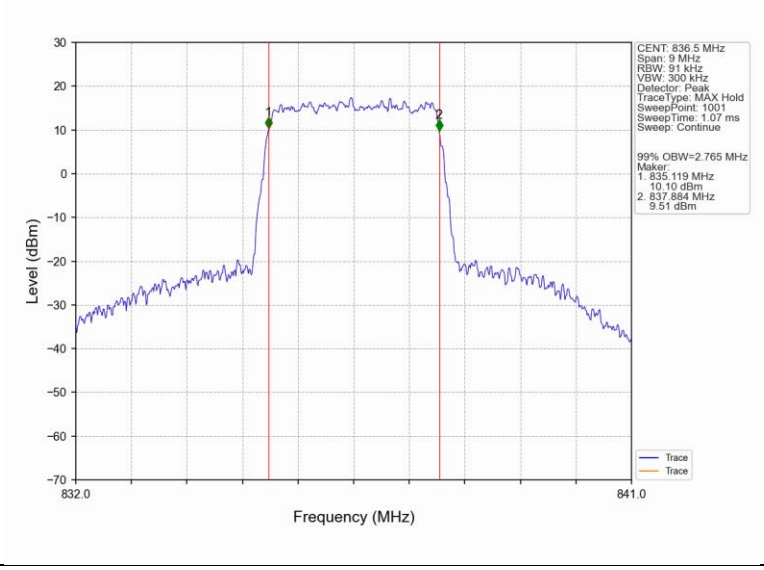
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



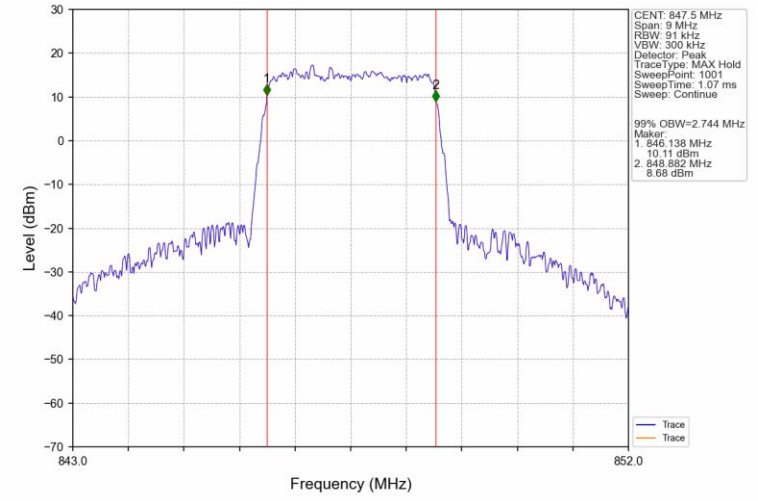
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



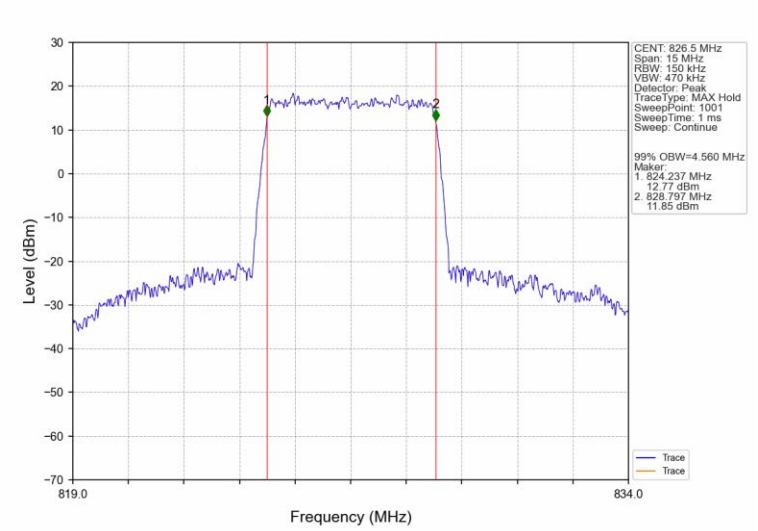
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



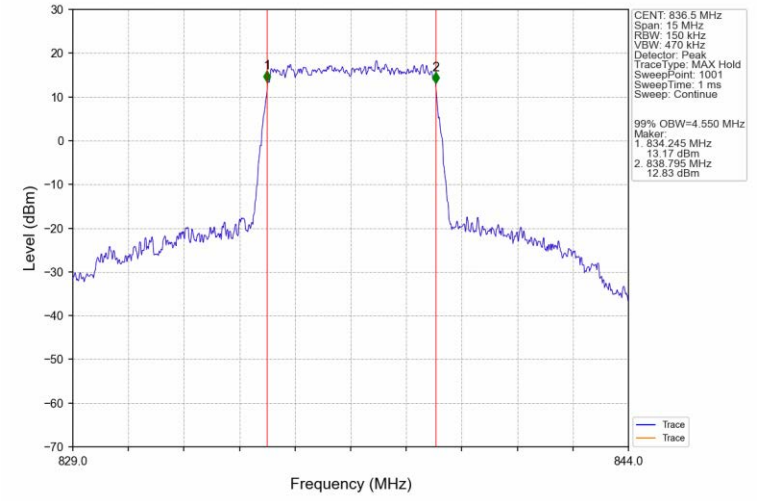
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



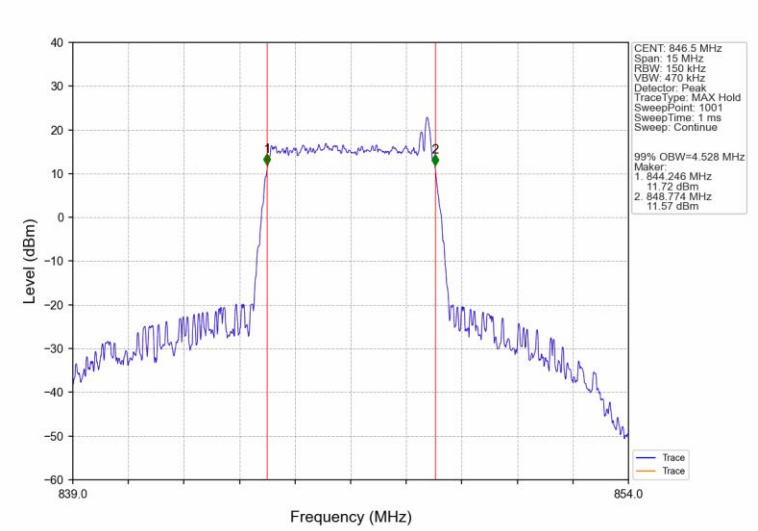
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



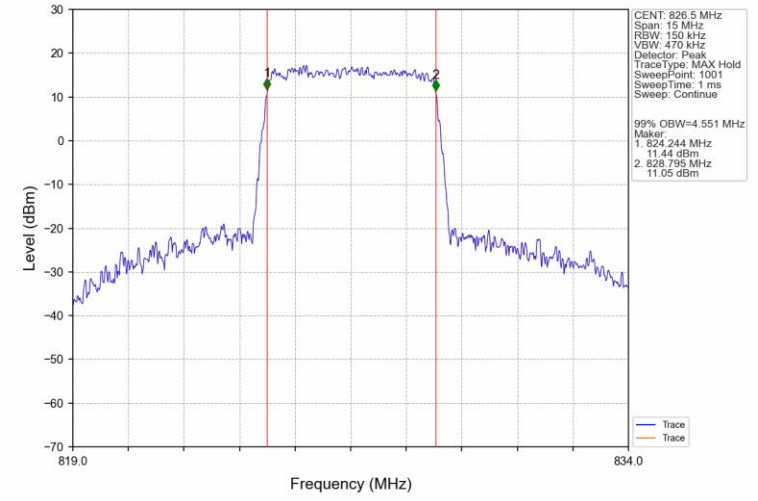
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



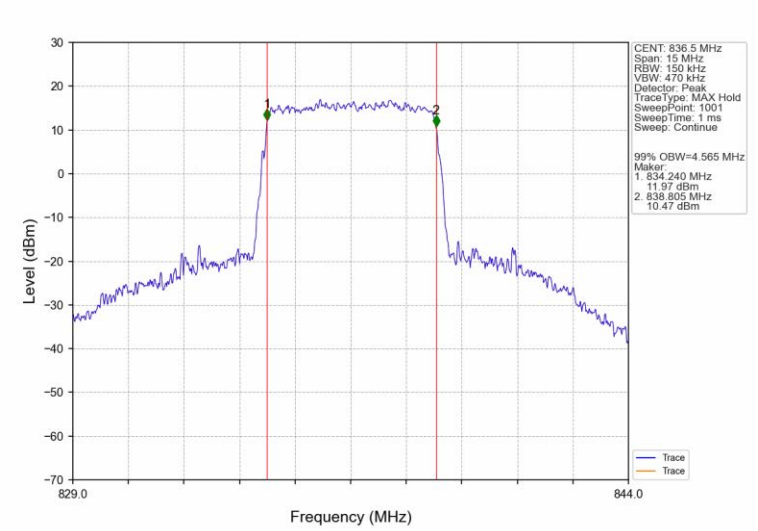
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



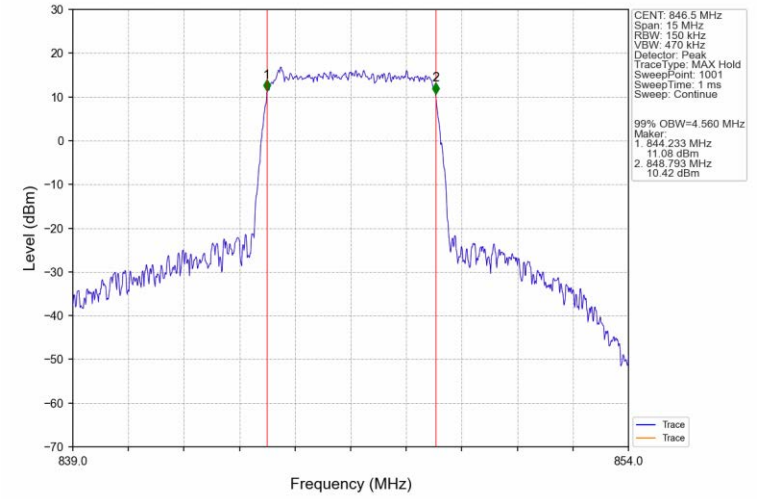
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



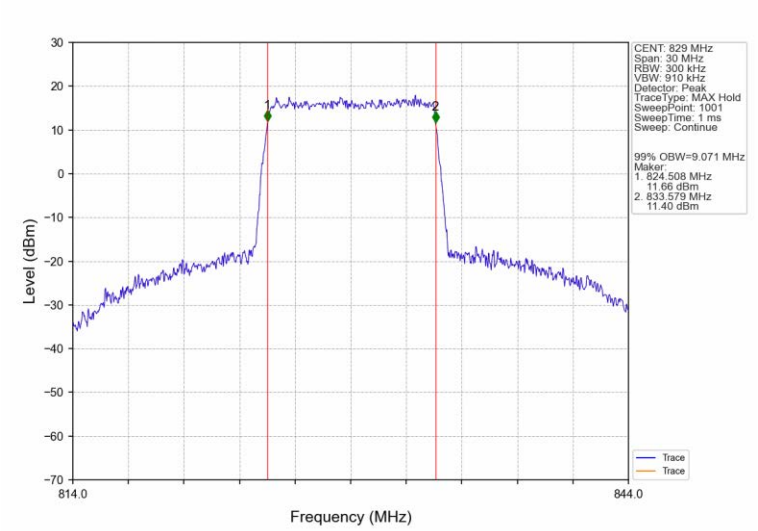
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



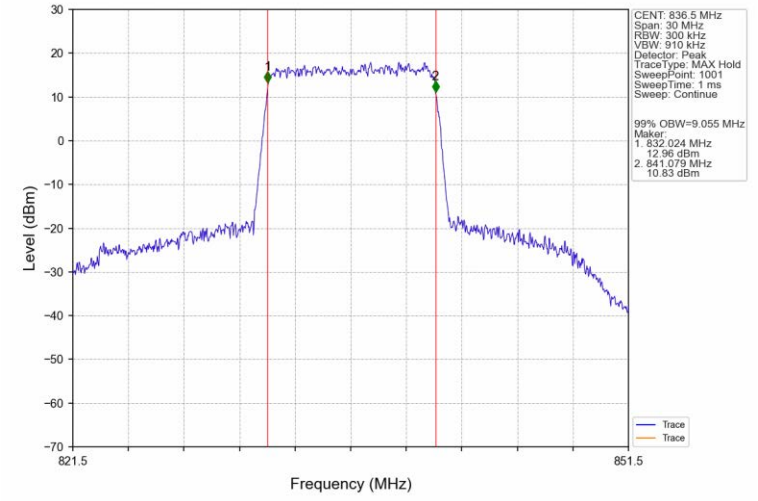
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



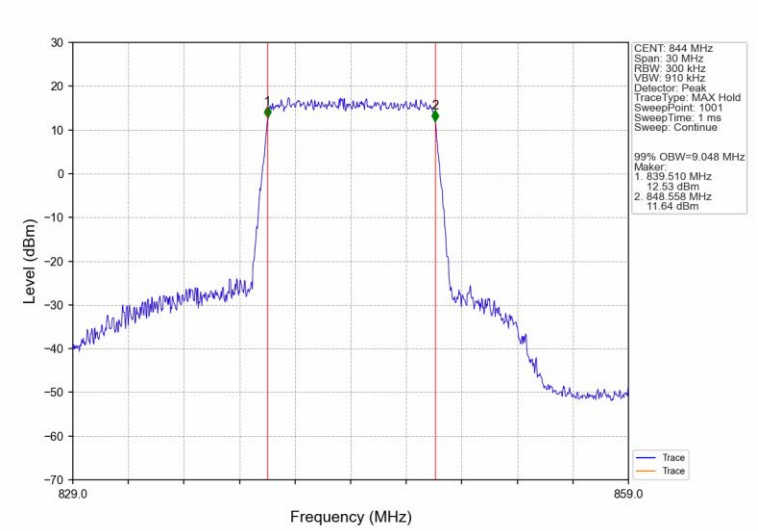
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



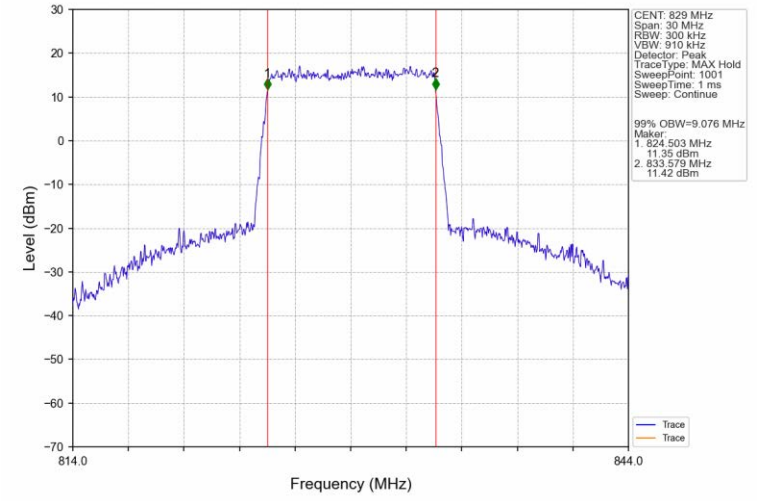
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



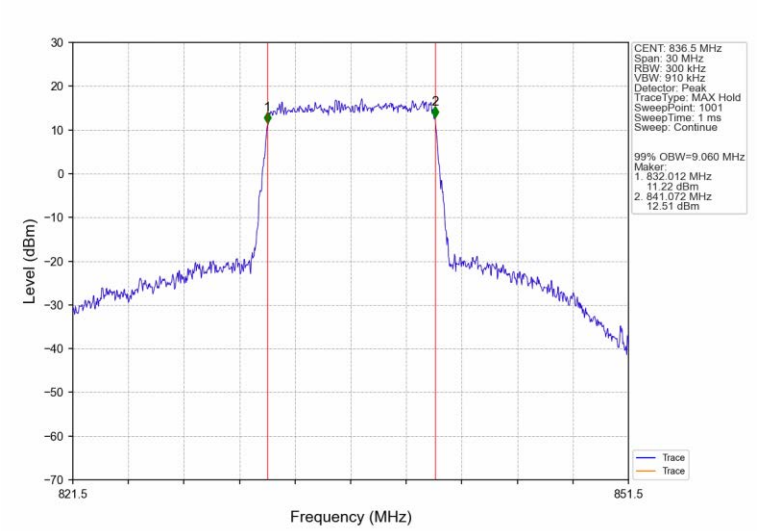
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



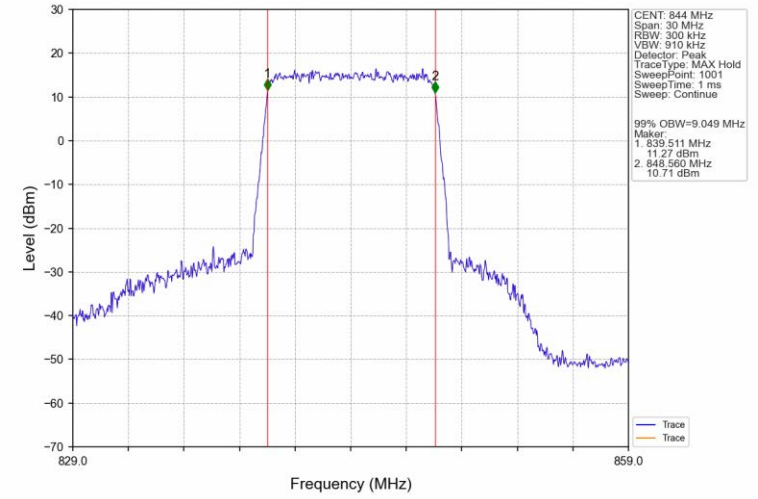
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

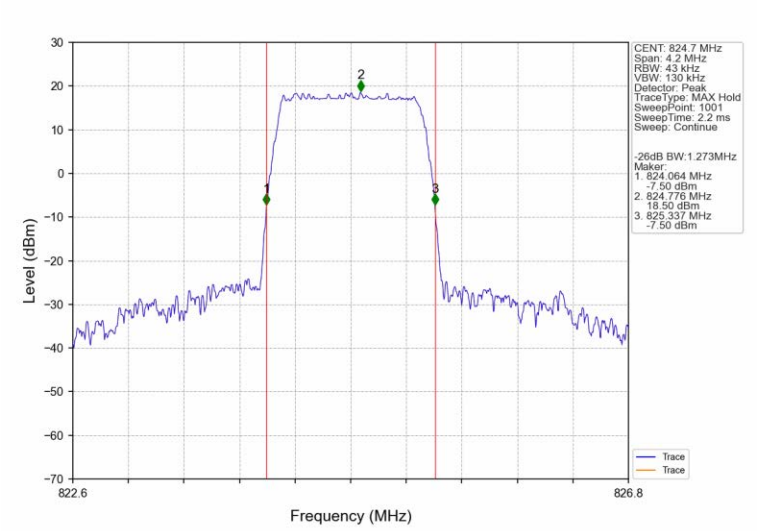


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

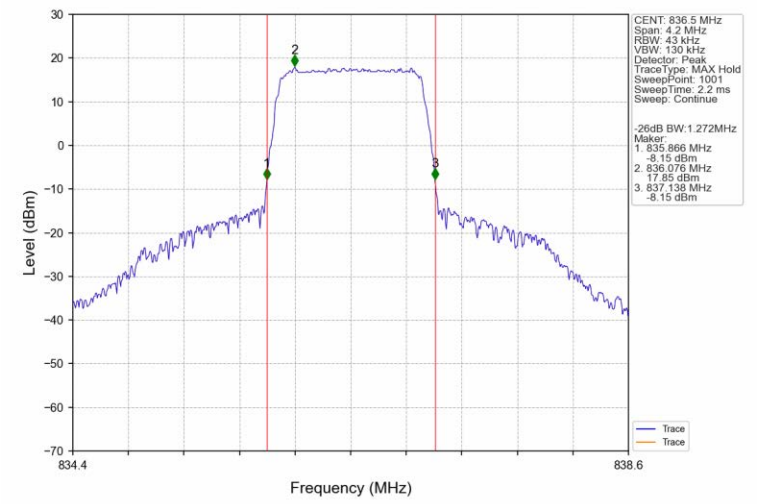


4.2.2 Band5_XDB

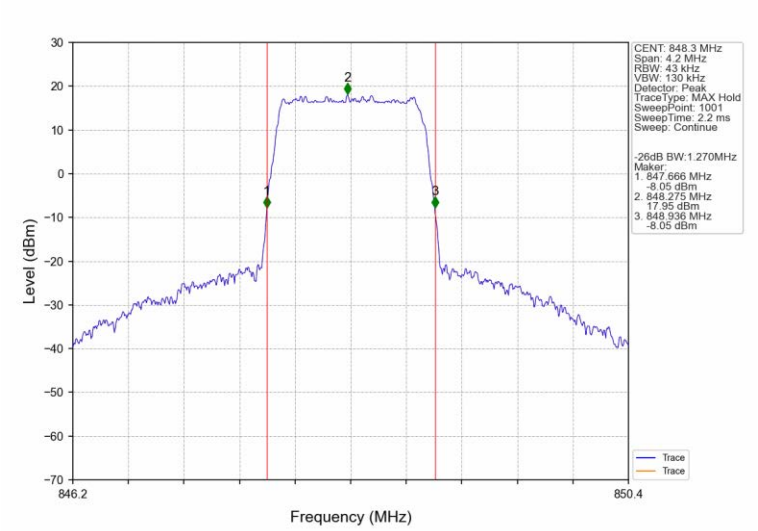
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



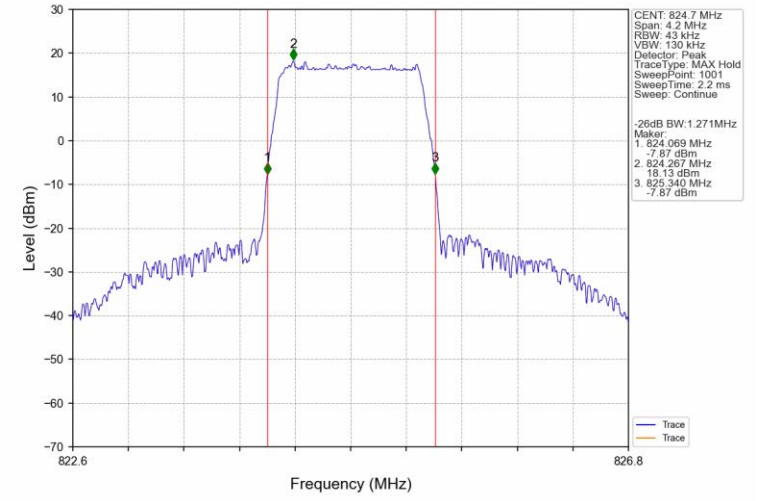
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



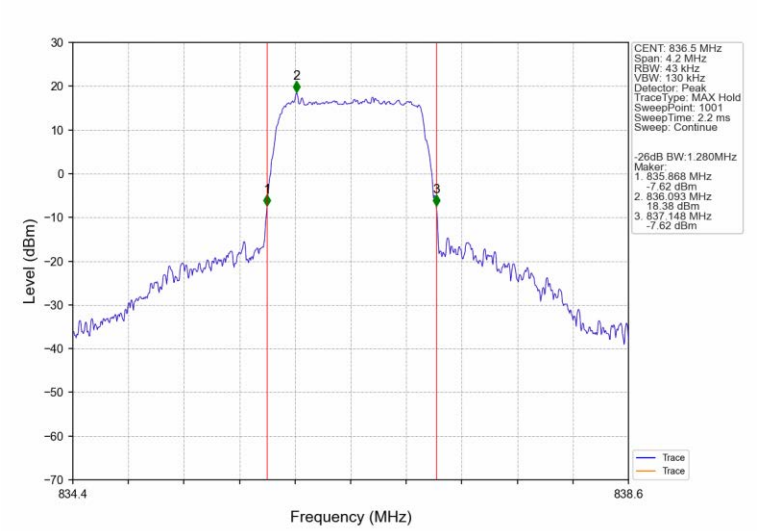
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



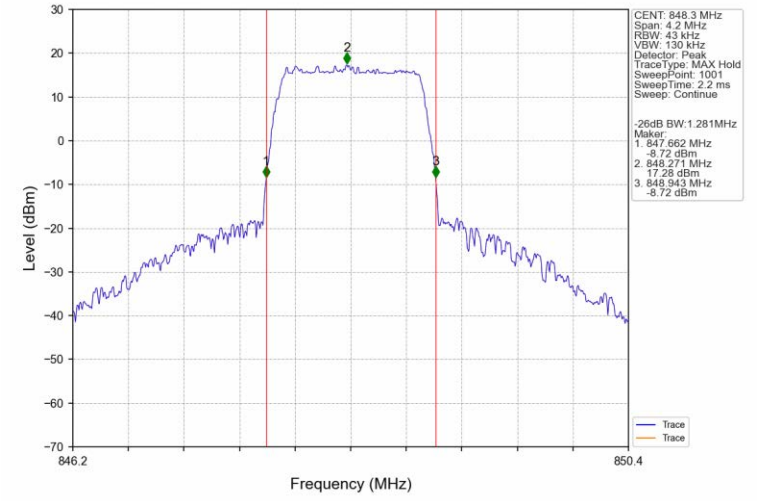
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



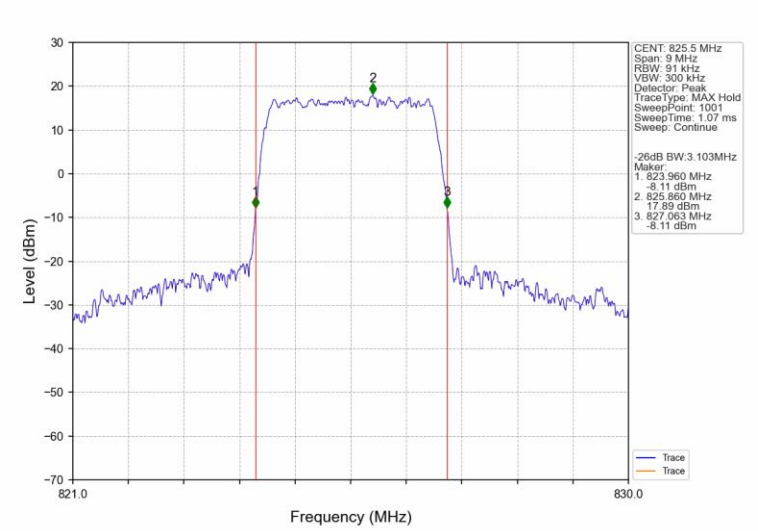
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



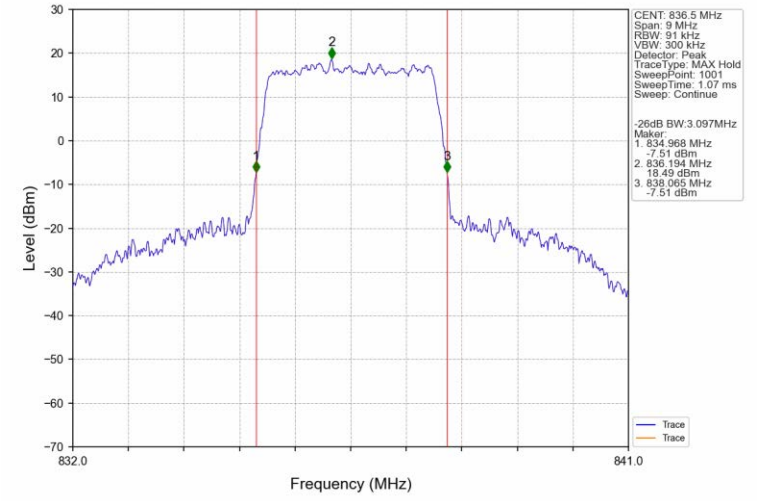
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



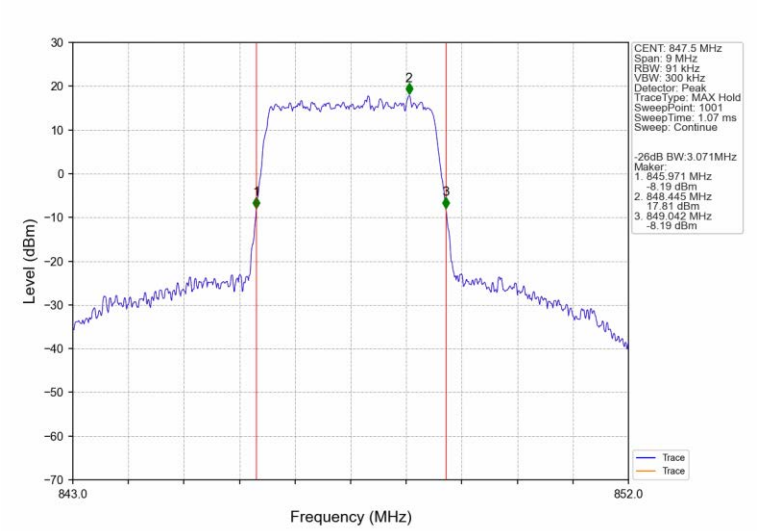
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



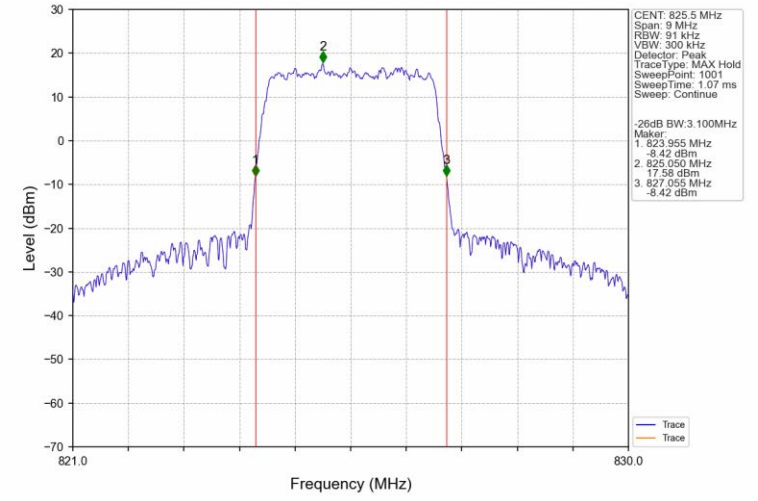
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



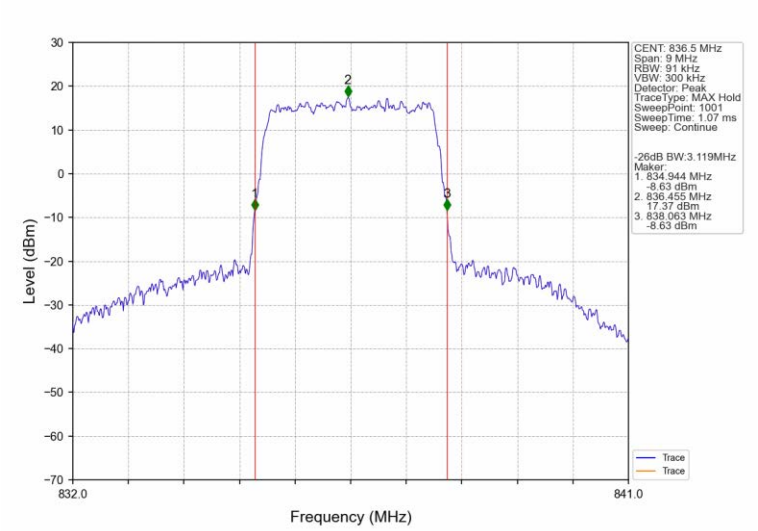
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



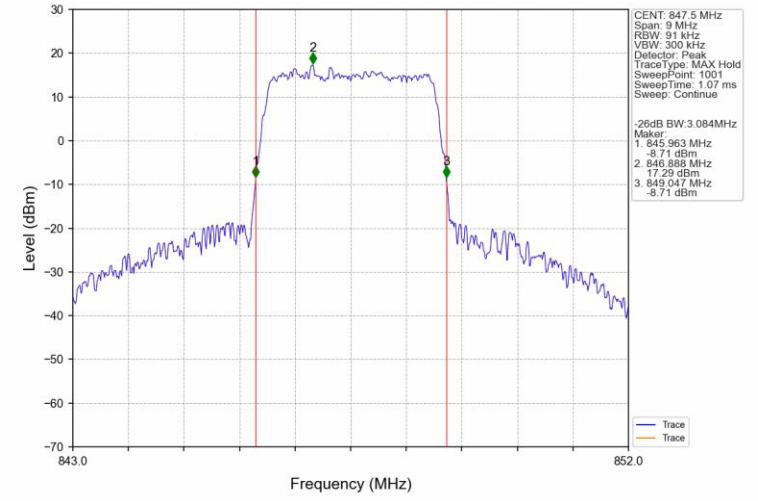
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



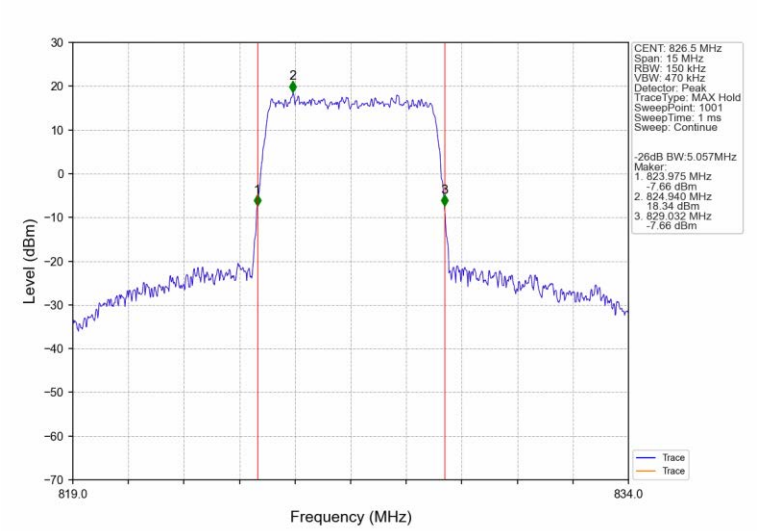
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



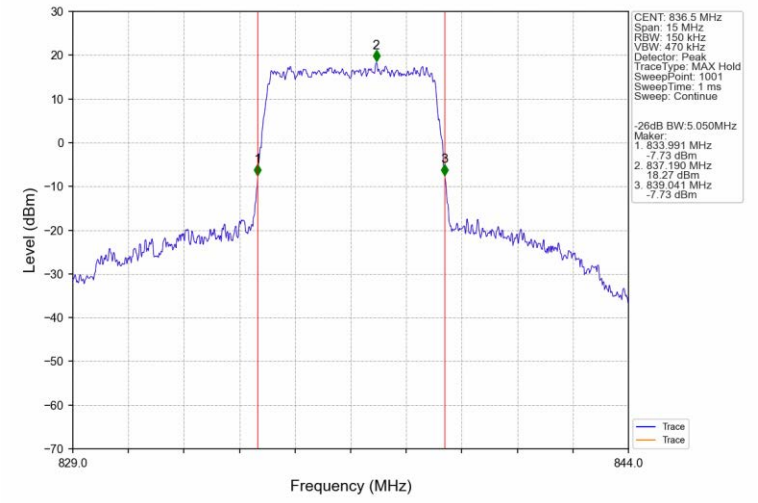
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



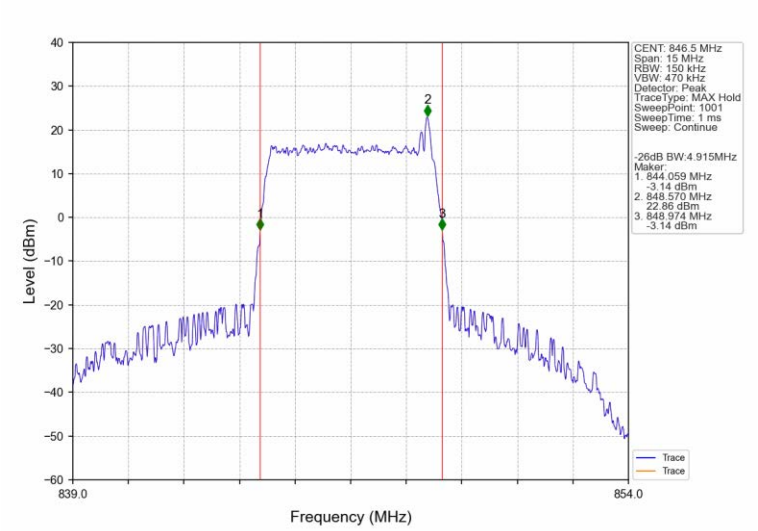
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



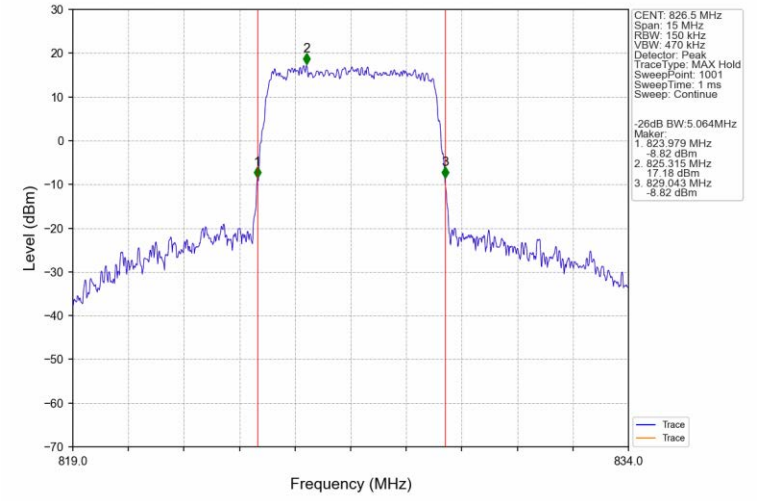
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



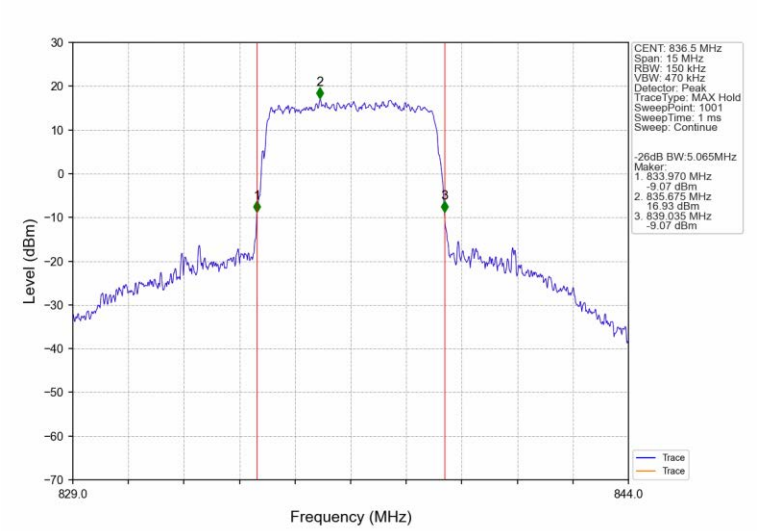
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



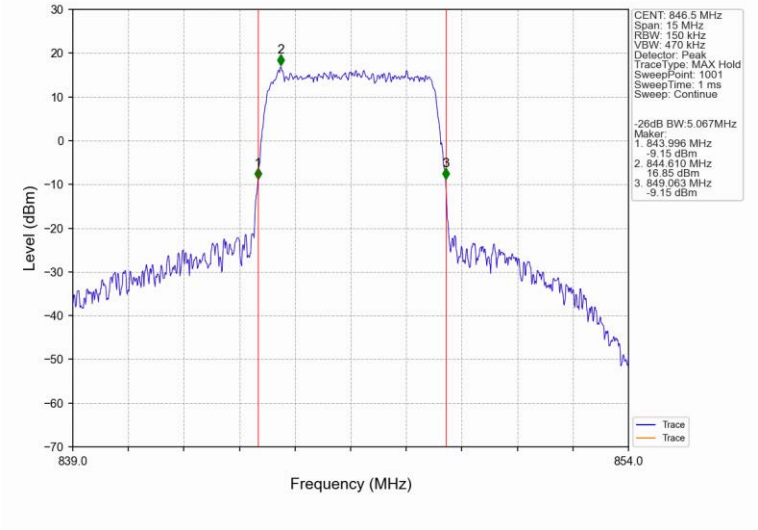
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



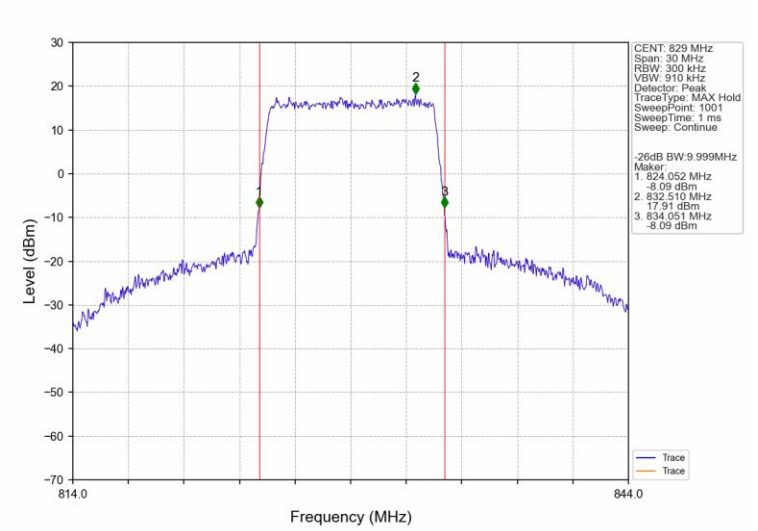
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



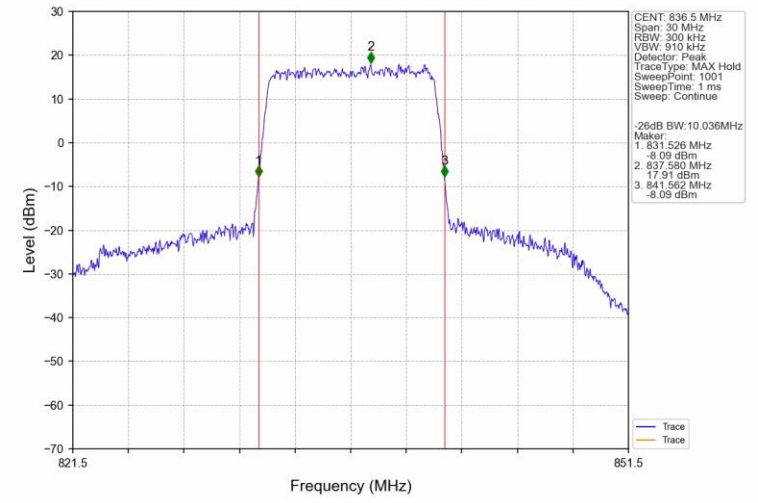
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



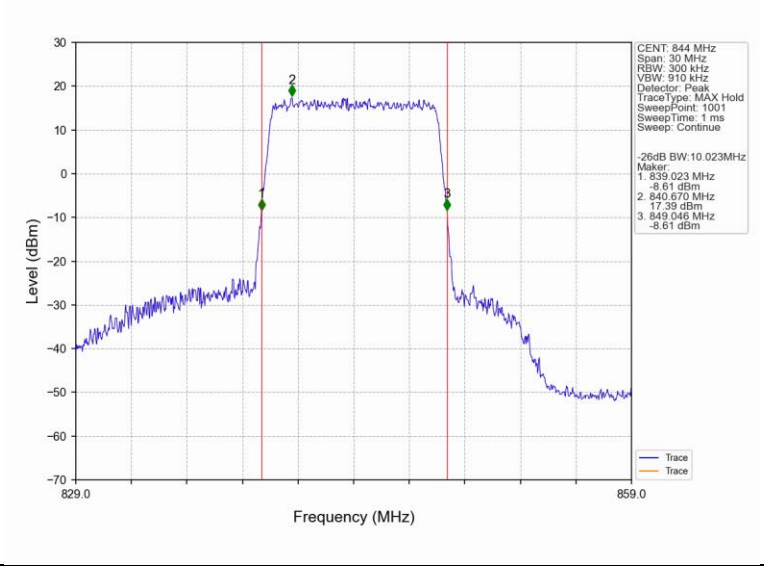
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



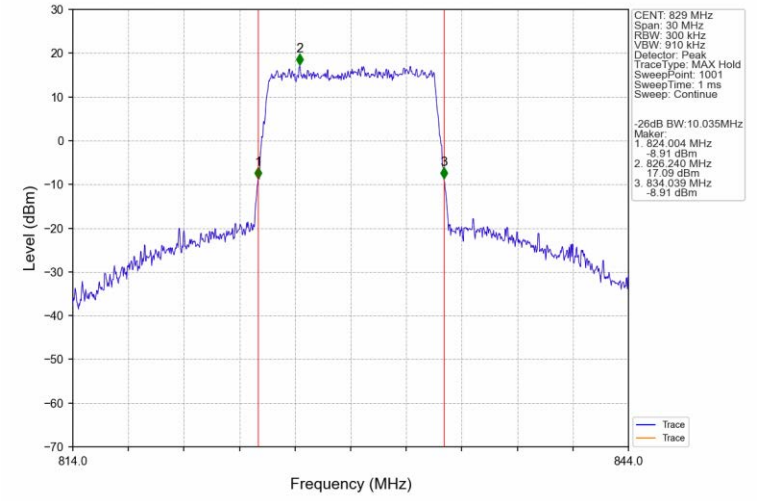
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



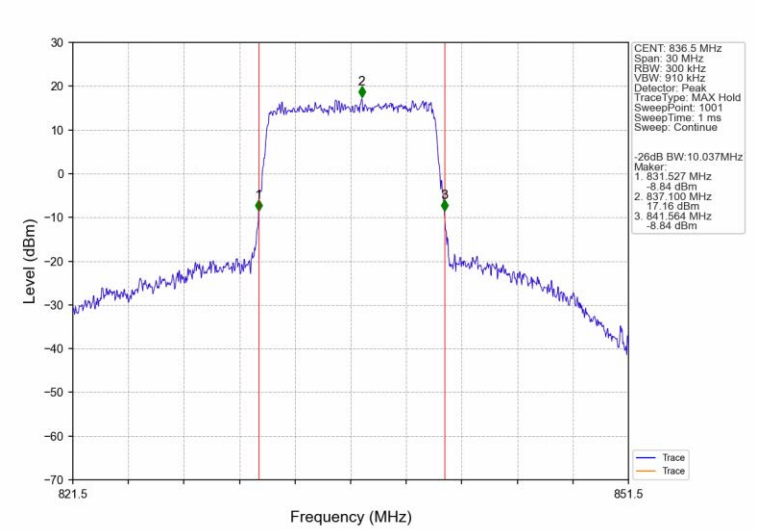
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



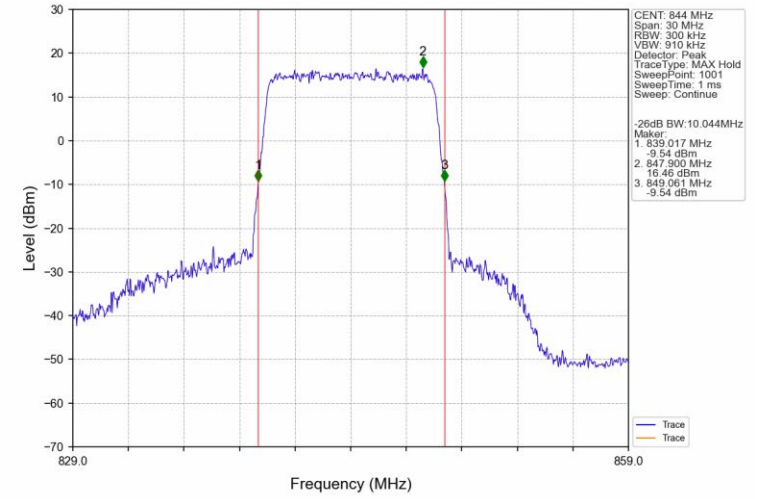
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.57	<=13	Pass
	836.5	6	0	4.79	<=13	Pass
	848.3	6	0	5.22	<=13	Pass
16QAM	824.7	6	0	6.24	<=13	Pass
	836.5	6	0	5.63	<=13	Pass
	848.3	6	0	5.98	<=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	5.56	<=13	Pass
	836.5	15	0	4.96	<=13	Pass
	847.5	15	0	5.31	<=13	Pass
16QAM	825.5	15	0	6.30	<=13	Pass
	836.5	15	0	5.78	<=13	Pass
	847.5	15	0	6.13	<=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	5.53	<=13	Pass
	836.5	25	0	5.16	<=13	Pass
	846.5	25	0	5.54	<=13	Pass
16QAM	826.5	25	0	6.20	<=13	Pass
	836.5	25	0	5.95	<=13	Pass
	846.5	25	0	6.27	<=13	Pass

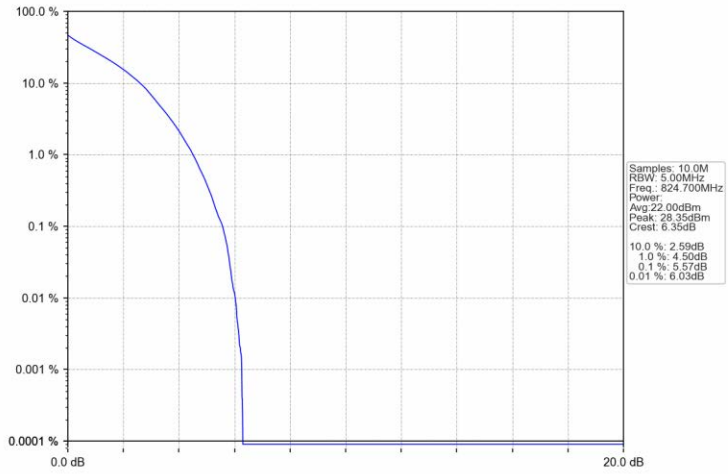
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.38	<=13	Pass
	836.5	50	0	5.30	<=13	Pass
	844	50	0	5.57	<=13	Pass
16QAM	829	50	0	6.10	<=13	Pass
	836.5	50	0	6.07	<=13	Pass
	844	50	0	6.34	<=13	Pass

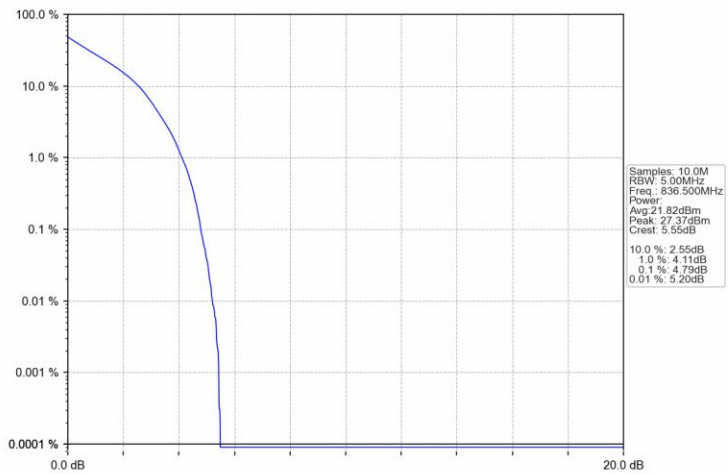
5.2 Test Graph

5.2.1 B5_1.4MHz

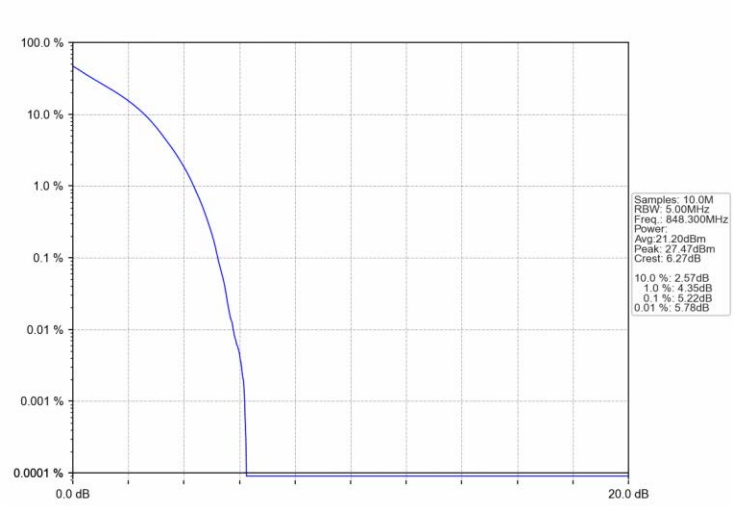
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



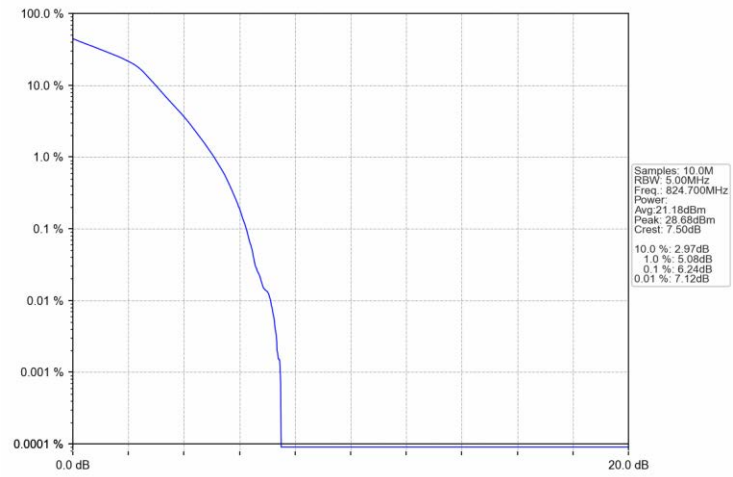
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



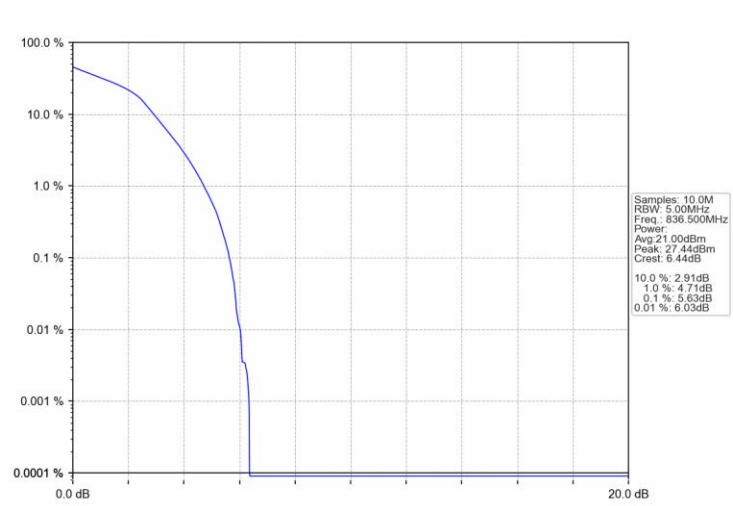
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



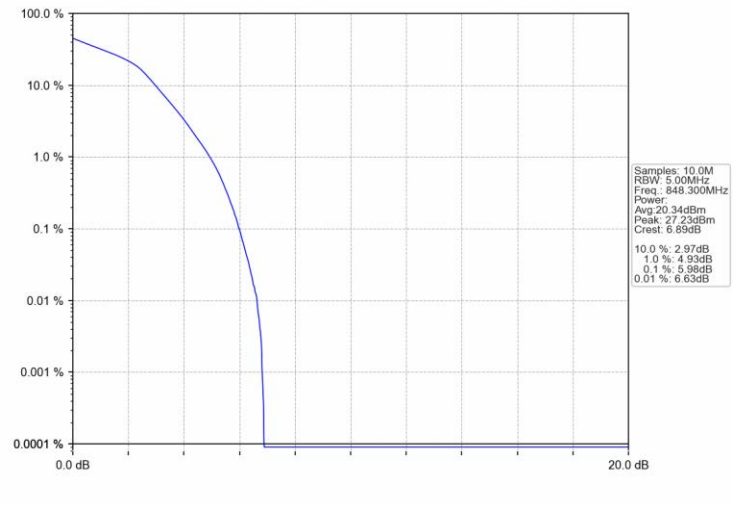
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



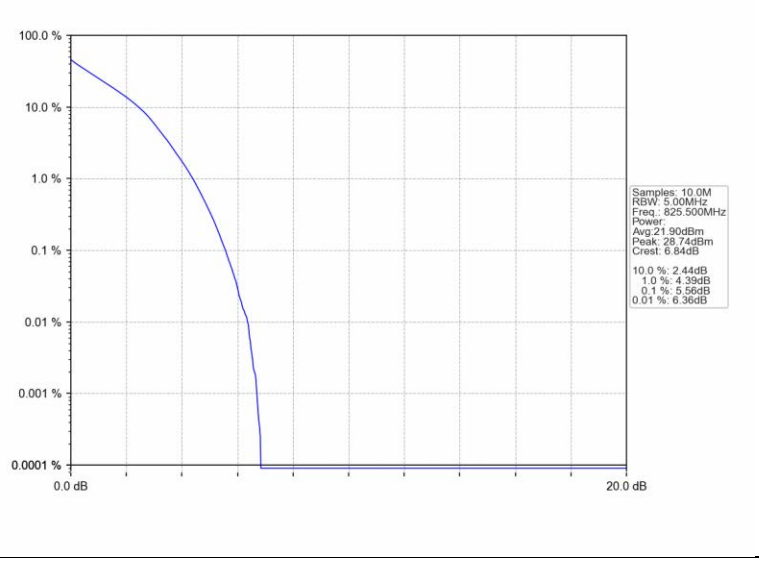
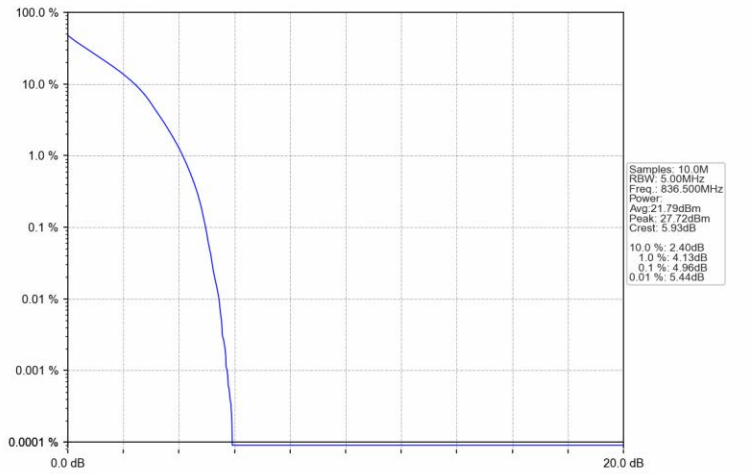
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



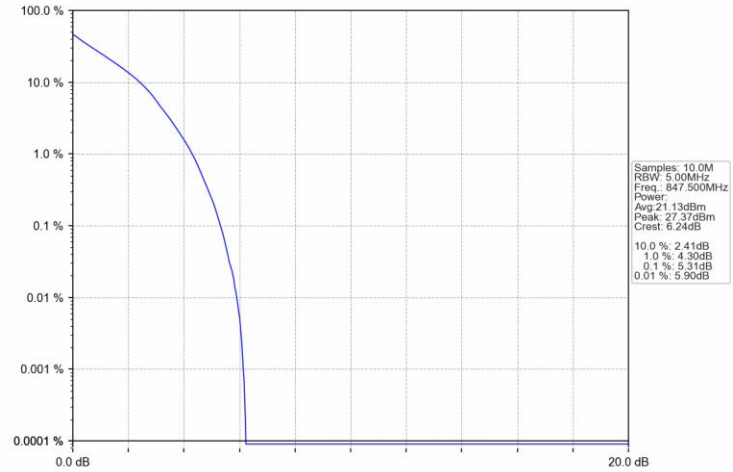
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



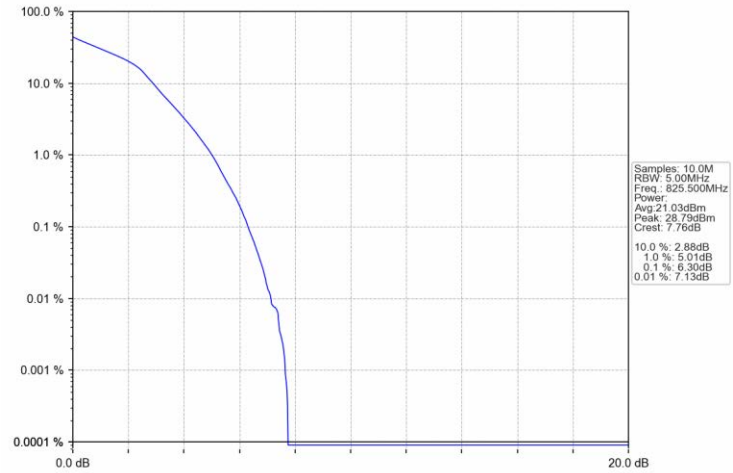
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV


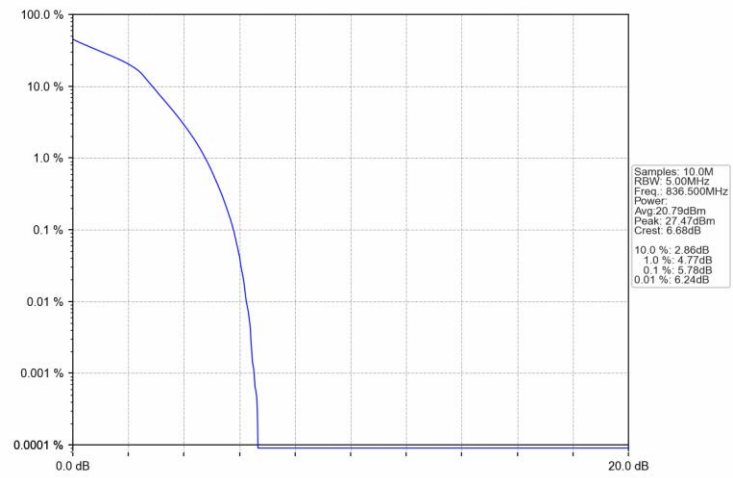
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



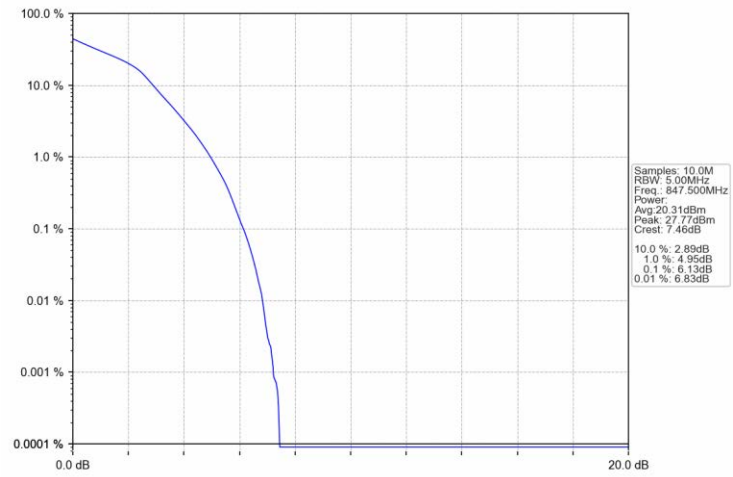
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

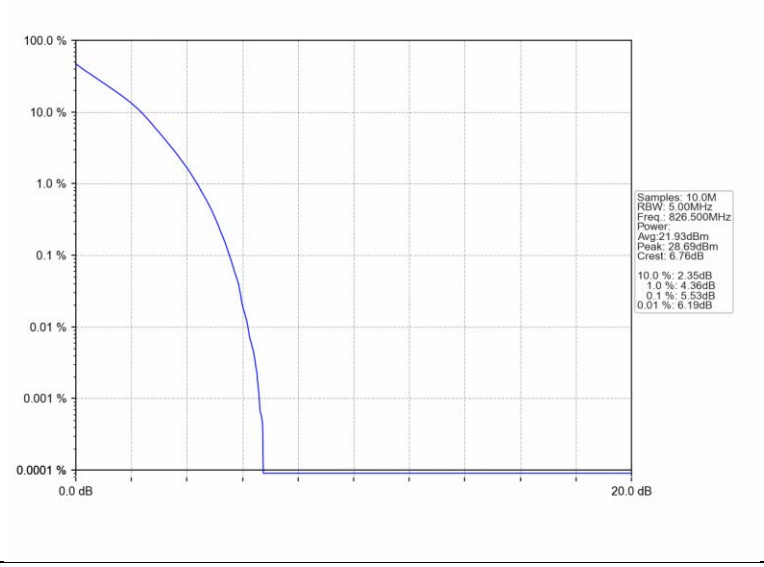


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

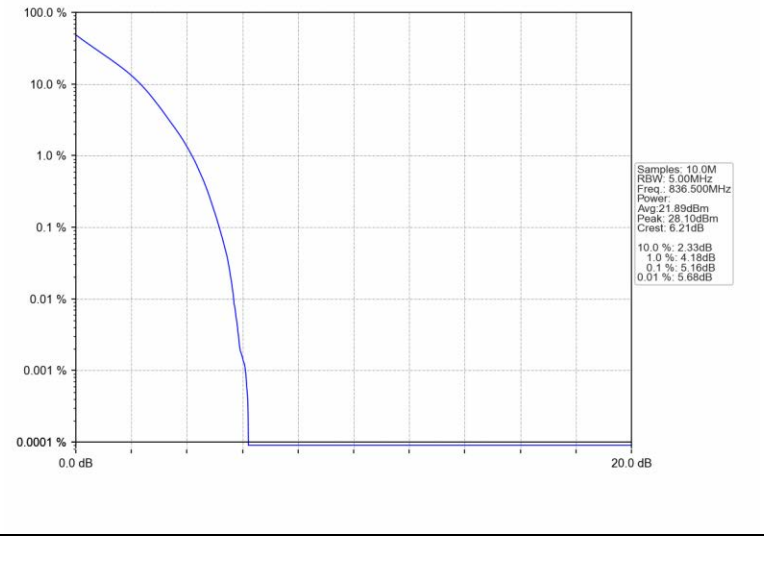


5.2.3 B5_5MHz

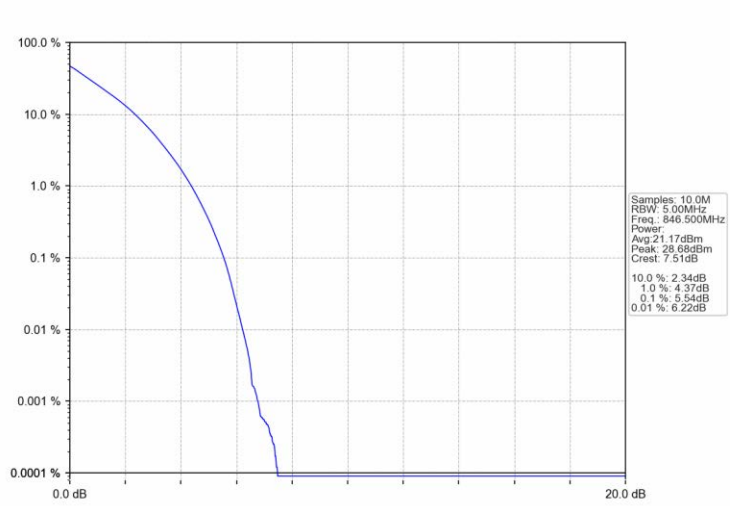
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



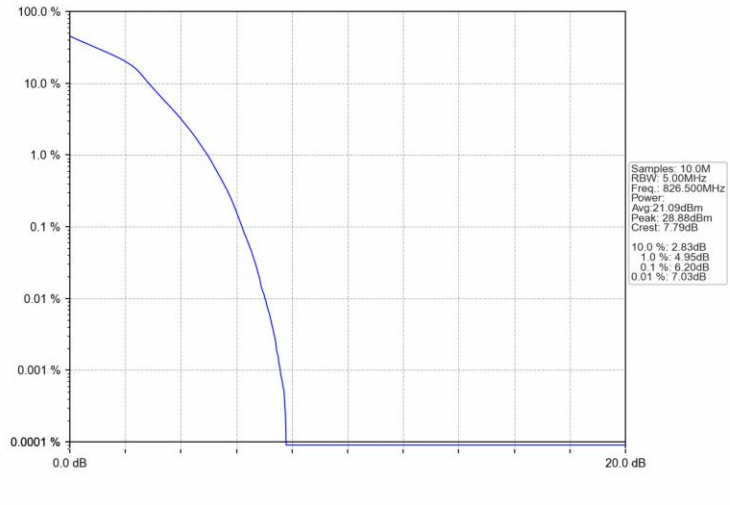
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



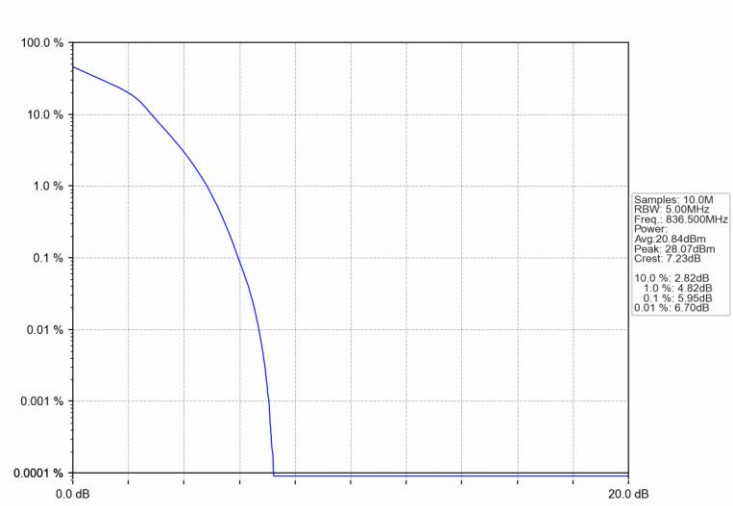
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



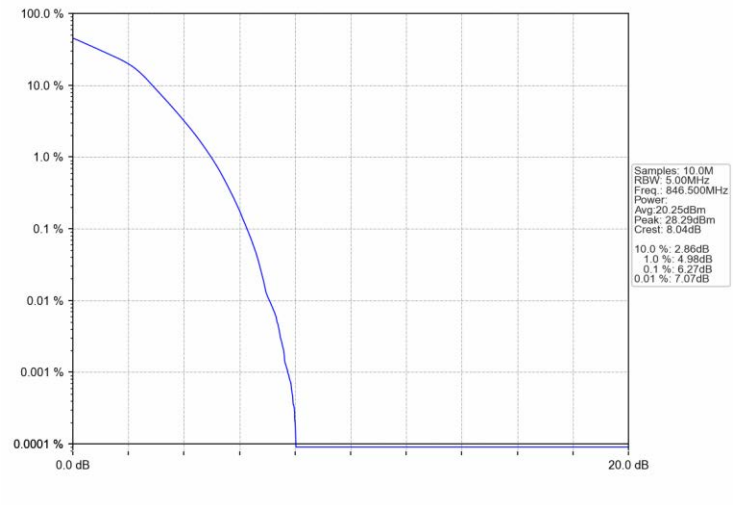
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



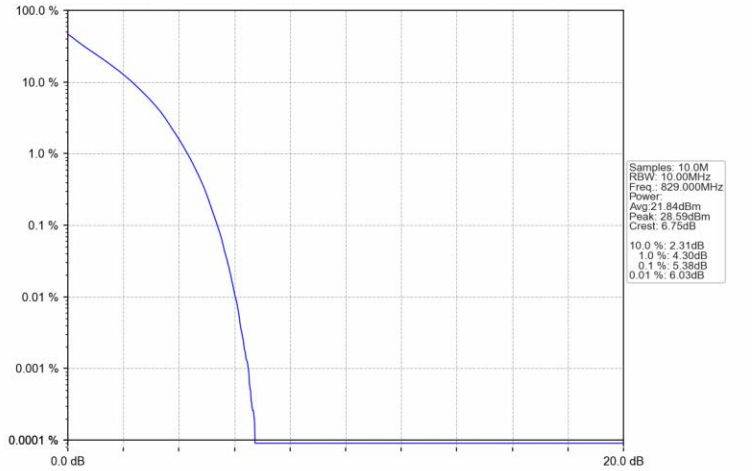
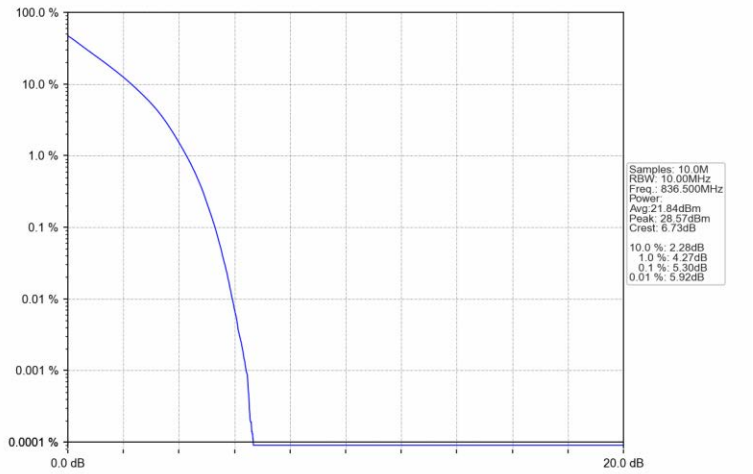
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



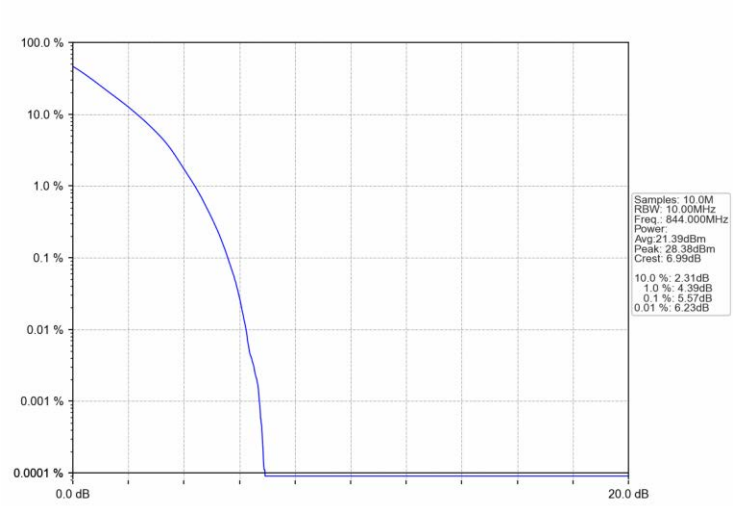
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



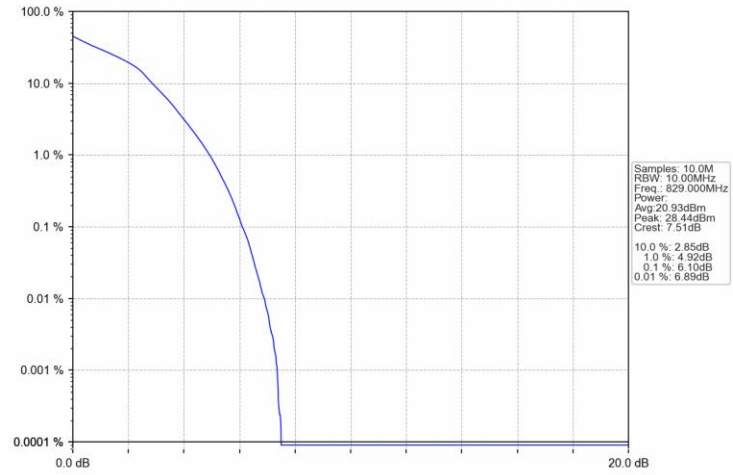
5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV


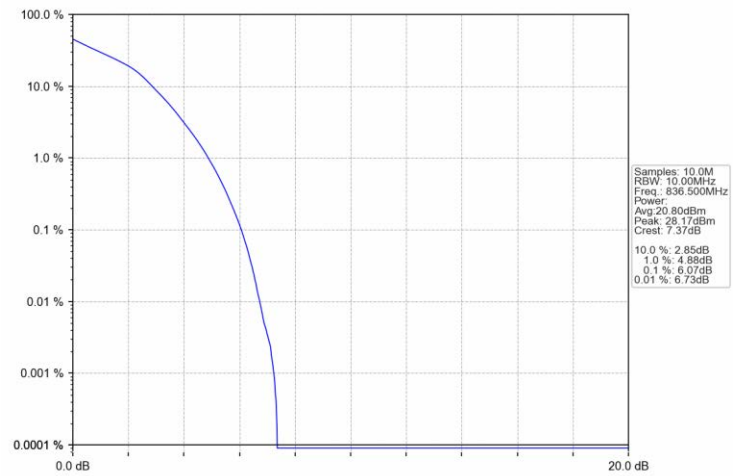
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



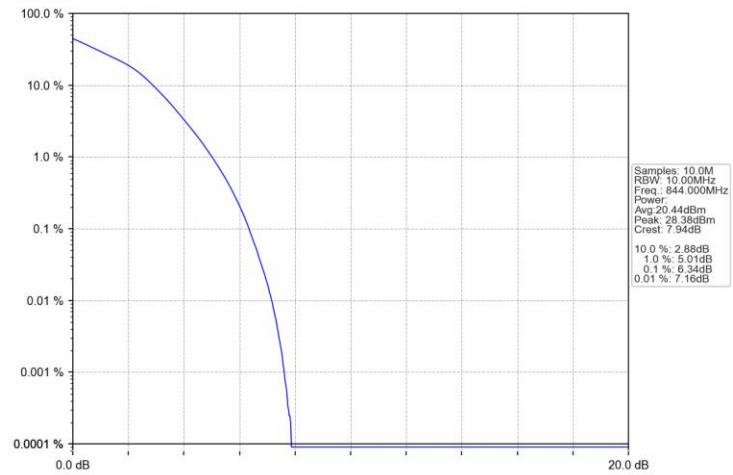
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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

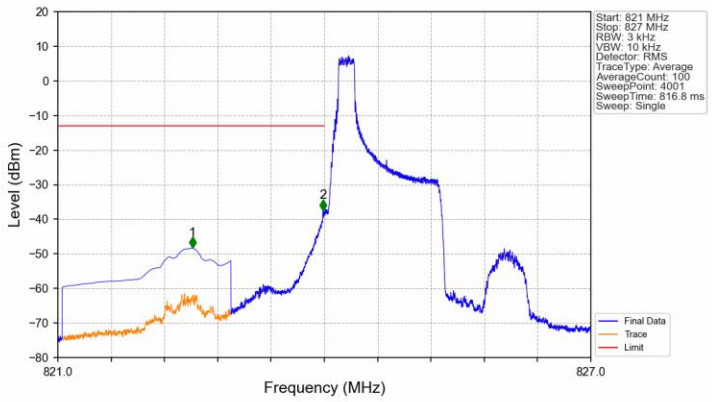
6.1.4 B5_10MHz

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

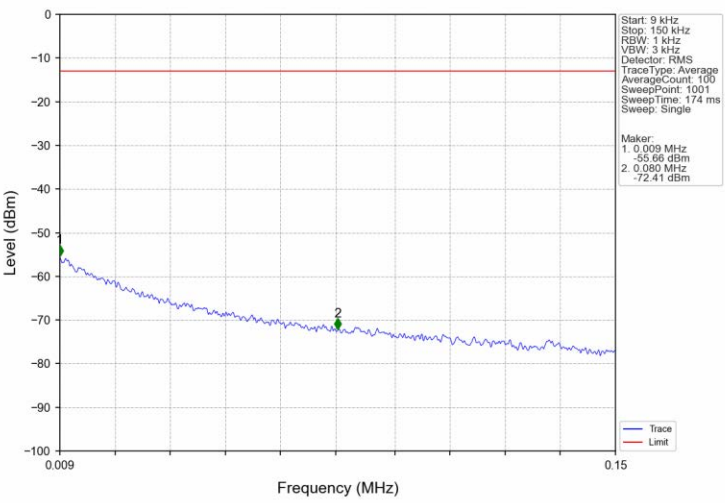
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

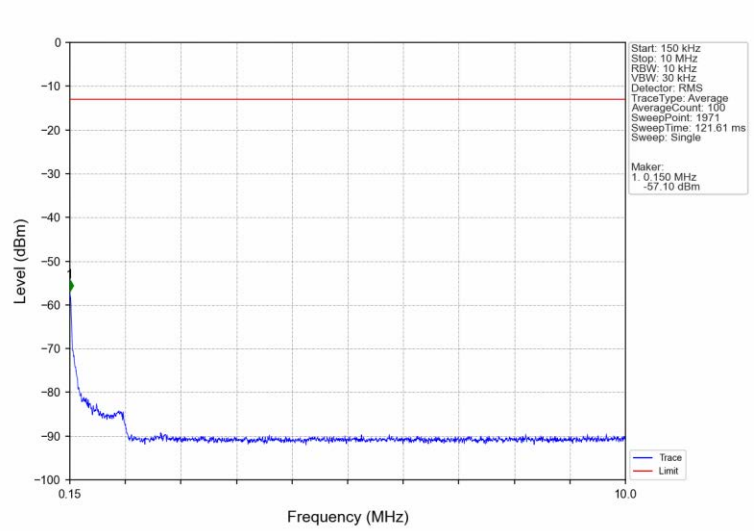


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.516	-48.27	-13	Pass
823	824	0.003	/	2	823.988	-37.41	-13	Pass
824	827	0.003	/	/	/	/	/	/

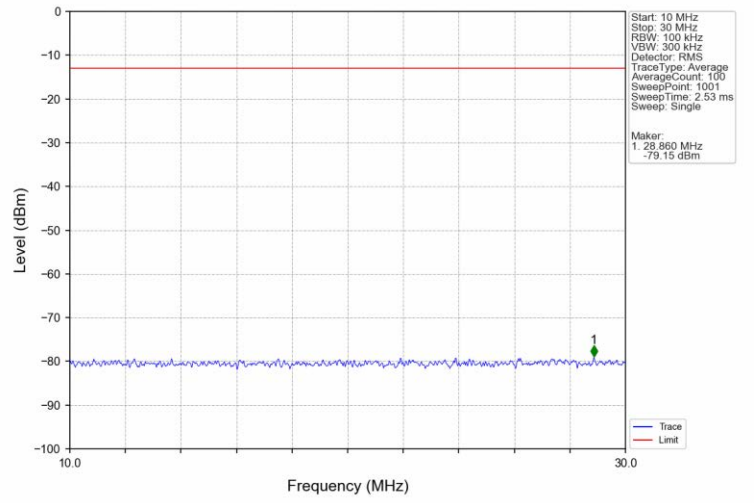
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



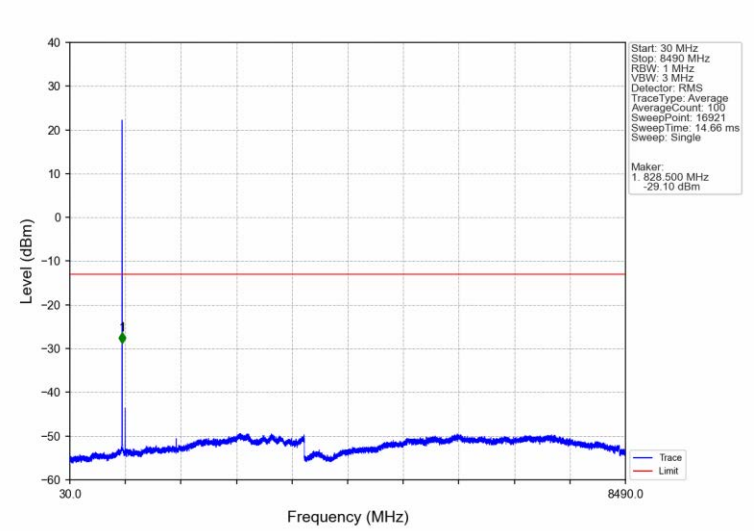
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



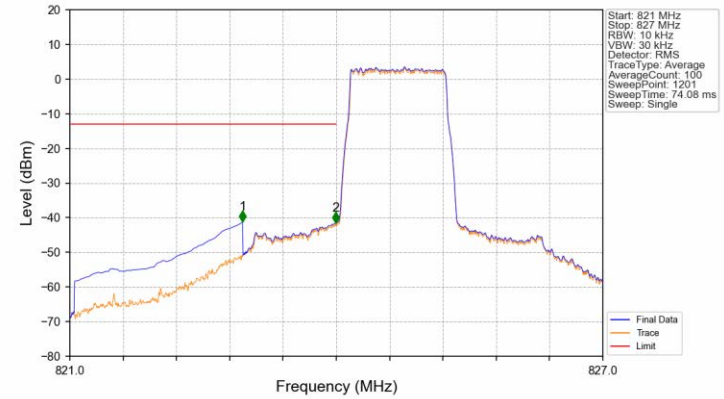
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

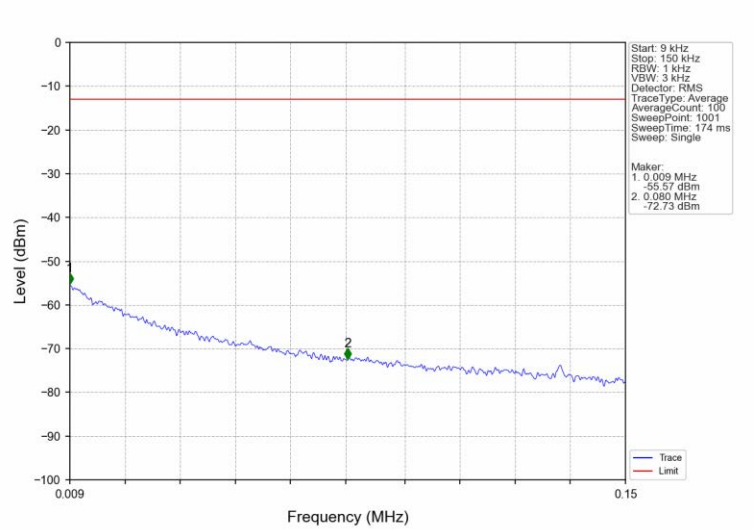


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

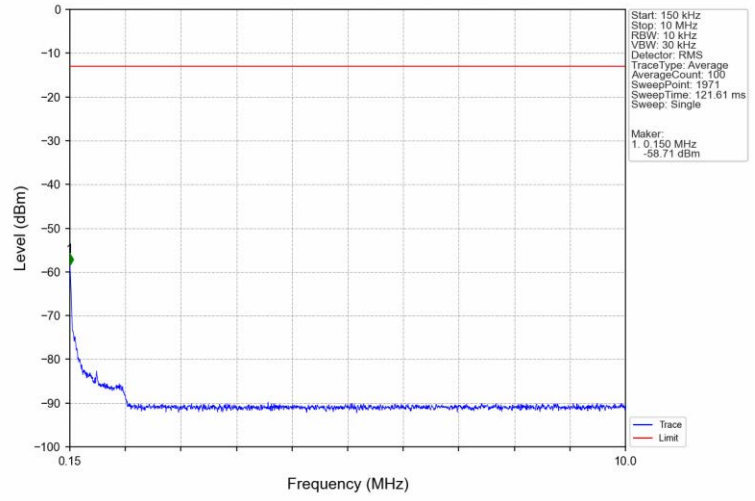


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-41.23	-13	Pass
823	824	0.013	CHP	2	823.995	-41.55	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

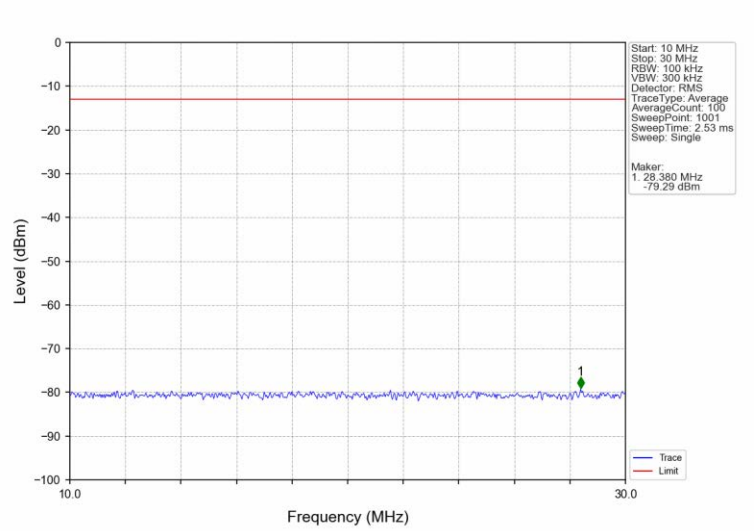
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



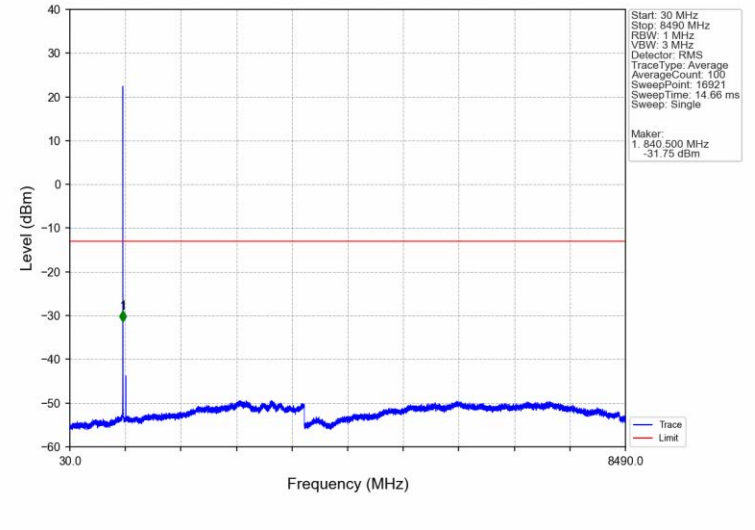
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



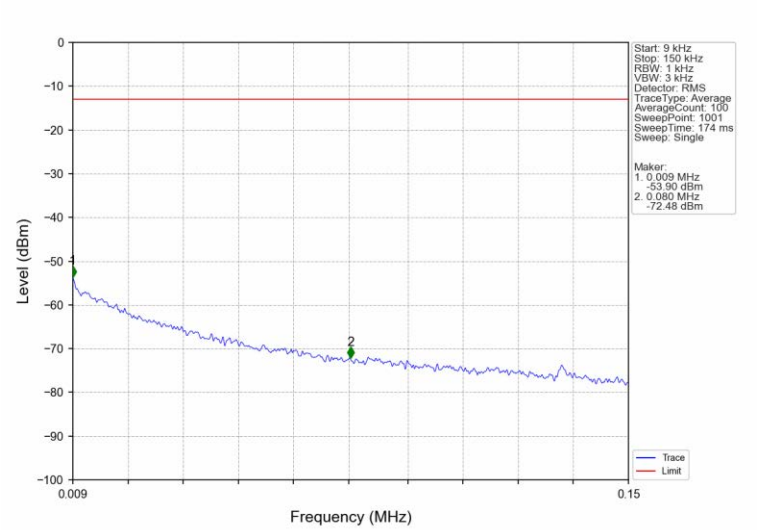
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



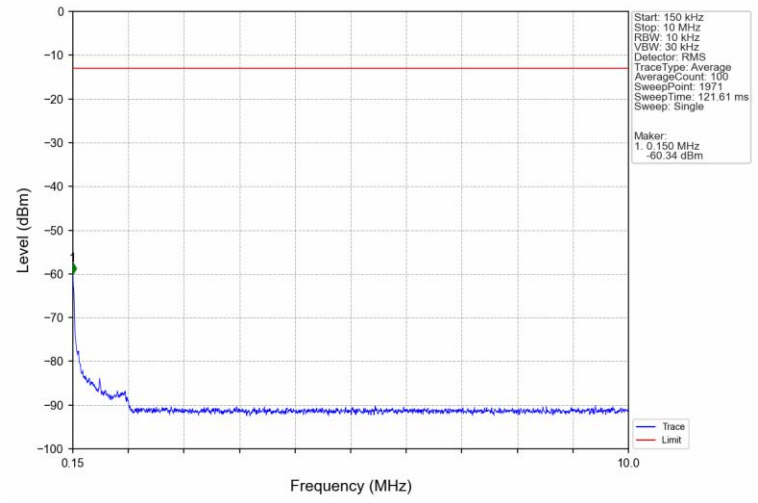
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



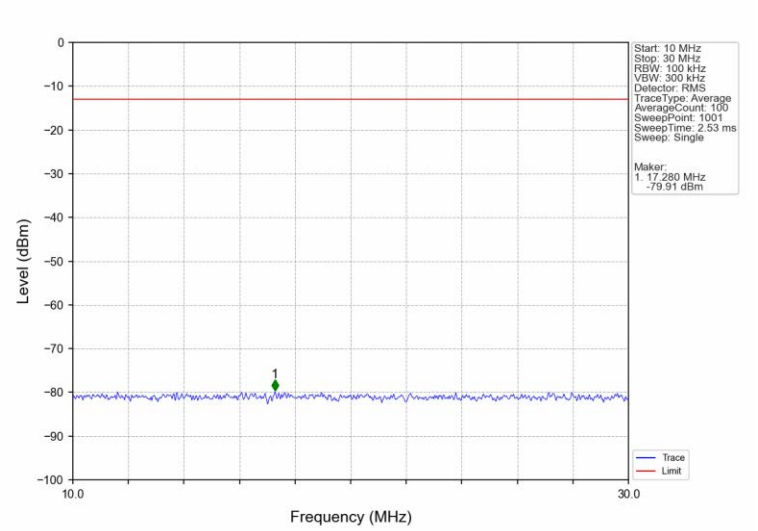
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



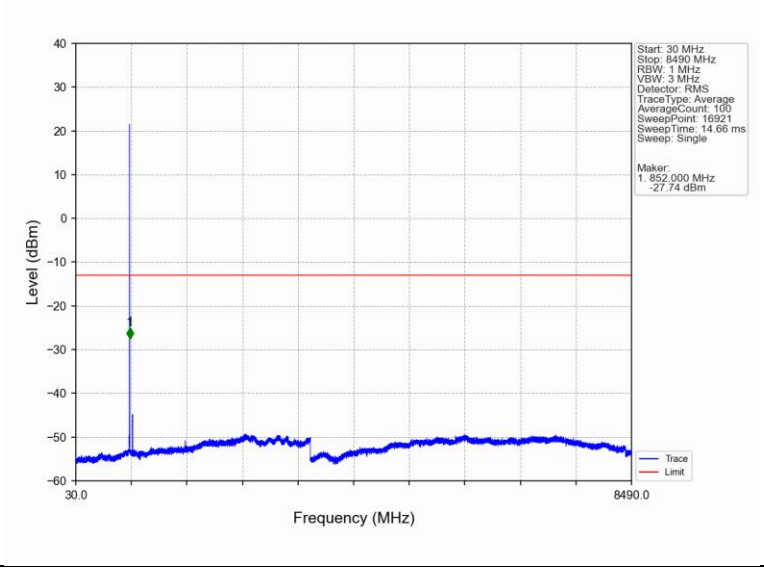
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



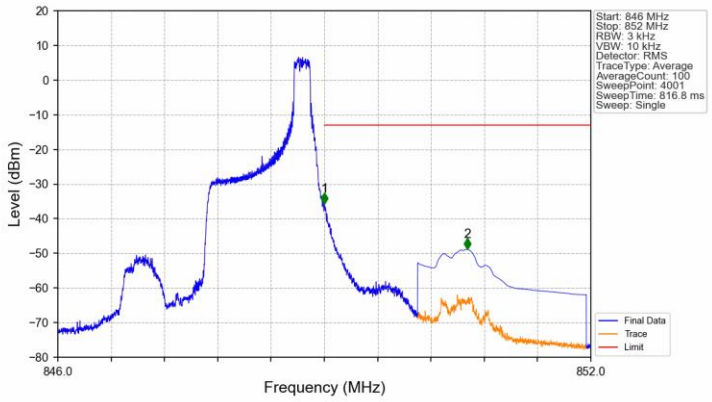
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

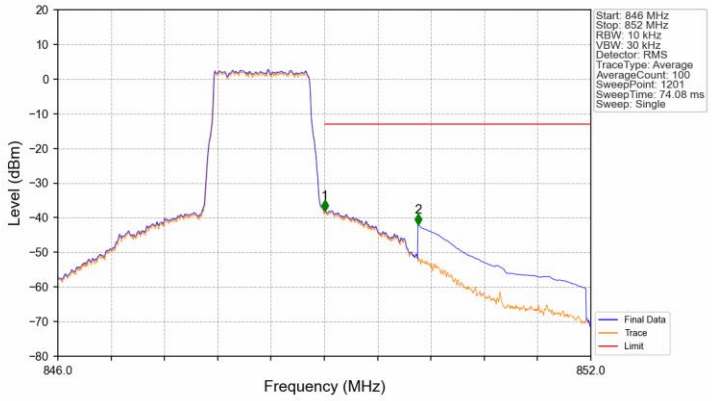


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



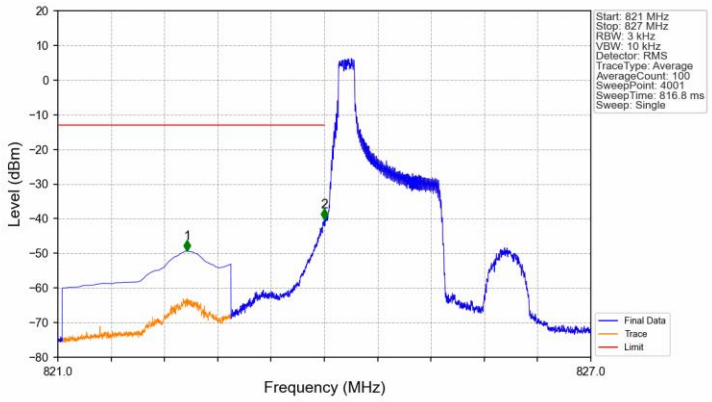
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-35.76	-13	Pass
850	852	0.1	CHP	2	850.611	-48.81	-13	Pass

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	849.005	-37.97	-13	Pass
850	852	0.1	CHP	2	850.055	-42.14	-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	822.455	-49.27	-13	Pass
823	824	0.003	/	2	823.999	-40.16	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV