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	21.45	-3.62	15.68	<=38.45	Pass
			2	21.43	-3.62	15.66	<=38.45	Pass
			5	21.39	-3.62	15.62	<=38.45	Pass
		3	0	21.58	-3.62	15.81	<=38.45	Pass
			2	21.54	-3.62	15.77	<=38.45	Pass
			3	21.50	-3.62	15.73	<=38.45	Pass
		6	0	20.35	-3.62	14.58	<=38.45	Pass
	836.5	1	0	21.43	-3.62	15.66	<=38.45	Pass
			2	21.52	-3.62	15.75	<=38.45	Pass
			5	21.57	-3.62	15.80	<=38.45	Pass
		3	0	21.59	-3.62	15.82	<=38.45	Pass
			2	21.47	-3.62	15.70	<=38.45	Pass
			3	21.58	-3.62	15.81	<=38.45	Pass
		6	0	20.44	-3.62	14.67	<=38.45	Pass
	848.3	1	0	20.60	-3.62	14.83	<=38.45	Pass
			2	20.50	-3.62	14.73	<=38.45	Pass
			5	20.56	-3.62	14.79	<=38.45	Pass
		3	0	20.51	-3.62	14.74	<=38.45	Pass
			2	20.59	-3.62	14.82	<=38.45	Pass
			3	20.56	-3.62	14.79	<=38.45	Pass
		6	0	20.54	-3.62	14.77	<=38.45	Pass
16QAM	824.7	1	0	21.10	-3.62	15.33	<=38.45	Pass
			2	21.13	-3.62	15.36	<=38.45	Pass
			5	21.12	-3.62	15.35	<=38.45	Pass
		3	0	20.34	-3.62	14.57	<=38.45	Pass
			2	20.39	-3.62	14.62	<=38.45	Pass
			3	20.32	-3.62	14.55	<=38.45	Pass
		6	0	19.45	-3.62	13.68	<=38.45	Pass
	836.5	1	0	20.49	-3.62	14.72	<=38.45	Pass
			2	20.52	-3.62	14.75	<=38.45	Pass
			5	20.52	-3.62	14.75	<=38.45	Pass
		3	0	20.29	-3.62	14.52	<=38.45	Pass
			2	20.18	-3.62	14.41	<=38.45	Pass
			3	20.27	-3.62	14.50	<=38.45	Pass
		6	0	20.00	-3.62	14.23	<=38.45	Pass
	848.3	1	0	20.51	-3.62	14.74	<=38.45	Pass
			2	20.49	-3.62	14.72	<=38.45	Pass
			5	20.53	-3.62	14.76	<=38.45	Pass
		3	0	20.52	-3.62	14.75	<=38.45	Pass
			2	20.61	-3.62	14.84	<=38.45	Pass
			3	20.59	-3.62	14.82	<=38.45	Pass
		6	0	20.57	-3.62	14.80	<=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	21.38	-3.62	15.61	<=38.45	Pass
			7	21.41	-3.62	15.64	<=38.45	Pass
			14	21.39	-3.62	15.62	<=38.45	Pass
		8	0	20.38	-3.62	14.61	<=38.45	Pass
			4	20.39	-3.62	14.62	<=38.45	Pass
			7	20.46	-3.62	14.69	<=38.45	Pass
		15	0	20.50	-3.62	14.73	<=38.45	Pass
	836.5	1	0	21.41	-3.62	15.64	<=38.45	Pass
			7	21.48	-3.62	15.71	<=38.45	Pass
			14	21.44	-3.62	15.67	<=38.45	Pass
		8	0	20.43	-3.62	14.66	<=38.45	Pass
			4	20.46	-3.62	14.69	<=38.45	Pass
			7	20.41	-3.62	14.64	<=38.45	Pass
		15	0	20.42	-3.62	14.65	<=38.45	Pass
	847.5	1	0	21.58	-3.62	15.81	<=38.45	Pass
			7	21.59	-3.62	15.82	<=38.45	Pass
			14	21.60	-3.62	15.83	<=38.45	Pass
		8	0	20.65	-3.62	14.88	<=38.45	Pass
			4	20.68	-3.62	14.91	<=38.45	Pass
			7	20.55	-3.62	14.78	<=38.45	Pass
		15	0	20.65	-3.62	14.88	<=38.45	Pass
16QAM	825.5	1	0	21.38	-3.62	15.61	<=38.45	Pass
			7	21.37	-3.62	15.60	<=38.45	Pass
			14	21.36	-3.62	15.59	<=38.45	Pass
		8	0	19.78	-3.62	14.01	<=38.45	Pass
			4	19.69	-3.62	13.92	<=38.45	Pass
			7	19.85	-3.62	14.08	<=38.45	Pass
		15	0	19.53	-3.62	13.76	<=38.45	Pass
	836.5	1	0	20.74	-3.62	14.97	<=38.45	Pass
			7	20.62	-3.62	14.85	<=38.45	Pass
			14	20.64	-3.62	14.87	<=38.45	Pass
		8	0	20.13	-3.62	14.36	<=38.45	Pass
			4	20.03	-3.62	14.26	<=38.45	Pass
			7	20.11	-3.62	14.34	<=38.45	Pass
		15	0	19.92	-3.62	14.15	<=38.45	Pass
	847.5	1	0	22.09	-3.62	16.32	<=38.45	Pass
			7	22.09	-3.62	16.32	<=38.45	Pass
			14	21.99	-3.62	16.22	<=38.45	Pass
		8	0	19.81	-3.62	14.04	<=38.45	Pass
			4	19.76	-3.62	13.99	<=38.45	Pass
			7	19.68	-3.62	13.91	<=38.45	Pass
		15	0	19.76	-3.62	13.99	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	21.31	-3.62	15.54	<=38.45	Pass
			13	21.35	-3.62	15.58	<=38.45	Pass
			24	21.37	-3.62	15.60	<=38.45	Pass
		12	0	20.47	-3.62	14.70	<=38.45	Pass
			6	20.51	-3.62	14.74	<=38.45	Pass
			13	20.50	-3.62	14.73	<=38.45	Pass

		25	0	20.39	-3.62	14.62	<=38.45	Pass
	836.5	1	0	21.50	-3.62	15.73	<=38.45	Pass
			13	21.42	-3.62	15.65	<=38.45	Pass
			24	21.53	-3.62	15.76	<=38.45	Pass
		12	0	20.39	-3.62	14.62	<=38.45	Pass
			6	20.52	-3.62	14.75	<=38.45	Pass
			13	20.48	-3.62	14.71	<=38.45	Pass
		25	0	20.50	-3.62	14.73	<=38.45	Pass
	846.5	1	0	21.50	-3.62	15.73	<=38.45	Pass
			13	21.62	-3.62	15.85	<=38.45	Pass
			24	21.61	-3.62	15.84	<=38.45	Pass
		12	0	20.55	-3.62	14.78	<=38.45	Pass
			6	20.69	-3.62	14.92	<=38.45	Pass
			13	20.71	-3.62	14.94	<=38.45	Pass
		25	0	20.62	-3.62	14.85	<=38.45	Pass
16QAM	826.5	1	0	21.02	-3.62	15.25	<=38.45	Pass
			13	21.06	-3.62	15.29	<=38.45	Pass
			24	21.05	-3.62	15.28	<=38.45	Pass
		12	0	19.52	-3.62	13.75	<=38.45	Pass
			6	19.55	-3.62	13.78	<=38.45	Pass
			13	19.45	-3.62	13.68	<=38.45	Pass
		25	0	19.65	-3.62	13.88	<=38.45	Pass
	836.5	1	0	21.05	-3.62	15.28	<=38.45	Pass
			13	21.06	-3.62	15.29	<=38.45	Pass
			24	21.07	-3.62	15.30	<=38.45	Pass
		12	0	19.95	-3.62	14.18	<=38.45	Pass
			6	19.94	-3.62	14.17	<=38.45	Pass
			13	19.89	-3.62	14.12	<=38.45	Pass
		25	0	19.90	-3.62	14.13	<=38.45	Pass
	846.5	1	0	20.07	-3.62	14.30	<=38.45	Pass
			13	20.16	-3.62	14.39	<=38.45	Pass
			24	20.15	-3.62	14.38	<=38.45	Pass
		12	0	19.67	-3.62	13.90	<=38.45	Pass
			6	19.73	-3.62	13.96	<=38.45	Pass
			13	19.67	-3.62	13.90	<=38.45	Pass
		25	0	19.73	-3.62	13.96	<=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	21.39	-3.62	15.62	<=38.45	Pass
			25	21.40	-3.62	15.63	<=38.45	Pass
			49	21.44	-3.62	15.67	<=38.45	Pass
		25	0	20.38	-3.62	14.61	<=38.45	Pass
			13	20.52	-3.62	14.75	<=38.45	Pass
			25	20.55	-3.62	14.78	<=38.45	Pass
		50	0	20.35	-3.62	14.58	<=38.45	Pass
	836.5	1	0	21.31	-3.62	15.54	<=38.45	Pass
			25	21.35	-3.62	15.58	<=38.45	Pass
			49	21.33	-3.62	15.56	<=38.45	Pass
		25	0	20.48	-3.62	14.71	<=38.45	Pass
			13	20.45	-3.62	14.68	<=38.45	Pass
			25	20.53	-3.62	14.76	<=38.45	Pass
		50	0	20.45	-3.62	14.68	<=38.45	Pass

	844	1	0	21.56	-3.62	15.79	<=38.45	Pass
			25	21.55	-3.62	15.78	<=38.45	Pass
			49	21.58	-3.62	15.81	<=38.45	Pass
		25	0	20.58	-3.62	14.81	<=38.45	Pass
			13	20.56	-3.62	14.79	<=38.45	Pass
			25	20.71	-3.62	14.94	<=38.45	Pass
		50	0	20.53	-3.62	14.76	<=38.45	Pass
16QAM	829	1	0	21.62	-3.62	15.85	<=38.45	Pass
			25	21.69	-3.62	15.92	<=38.45	Pass
			49	21.72	-3.62	15.95	<=38.45	Pass
		25	0	19.54	-3.62	13.77	<=38.45	Pass
			13	19.96	-3.62	14.19	<=38.45	Pass
			25	19.57	-3.62	13.80	<=38.45	Pass
		50	0	19.93	-3.62	14.16	<=38.45	Pass
	836.5	1	0	21.19	-3.62	15.42	<=38.45	Pass
			25	21.19	-3.62	15.42	<=38.45	Pass
			49	21.18	-3.62	15.41	<=38.45	Pass
		25	0	19.91	-3.62	14.14	<=38.45	Pass
			13	19.92	-3.62	14.15	<=38.45	Pass
			25	19.65	-3.62	13.88	<=38.45	Pass
		50	0	19.97	-3.62	14.20	<=38.45	Pass
	844	1	0	20.53	-3.62	14.76	<=38.45	Pass
			25	20.59	-3.62	14.82	<=38.45	Pass
			49	20.58	-3.62	14.81	<=38.45	Pass
		25	0	20.15	-3.62	14.38	<=38.45	Pass
			13	19.80	-3.62	14.03	<=38.45	Pass
			25	19.80	-3.62	14.03	<=38.45	Pass
		50	0	19.68	-3.62	13.91	<=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	2.532	0.0031	-2.5 to 2.5	Pass
					3.85	-3.347	-0.0041	-2.5 to 2.5	Pass
					4.43	-5.364	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-4.950	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	2.289	0.0028	-2.5 to 2.5	Pass
				-10	3.85	6.080	0.0074	-2.5 to 2.5	Pass
				0	3.85	9.856	0.0120	-2.5 to 2.5	Pass
				10	3.85	16.780	0.0203	-2.5 to 2.5	Pass
				30	3.85	23.146	0.0281	-2.5 to 2.5	Pass
				40	3.85	26.879	0.0326	-2.5 to 2.5	Pass
				50	3.85	34.804	0.0422	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-1.574	-0.0019	-2.5 to 2.5	Pass
					3.85	-6.666	-0.0080	-2.5 to 2.5	Pass
					4.43	-8.368	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.691	-0.0044	-2.5 to 2.5	Pass

				0	3.85	-5.879	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-9.341	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-12.417	-0.0148	-2.5 to 2.5	Pass
				40	3.85	-14.520	-0.0174	-2.5 to 2.5	Pass
				50	3.85	-9.627	-0.0115	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	3.562	0.0042	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
					4.43	2.718	0.0032	-2.5 to 2.5	Pass
				-30	3.85	5.307	0.0063	-2.5 to 2.5	Pass
				-20	3.85	7.138	0.0084	-2.5 to 2.5	Pass
				-10	3.85	11.244	0.0133	-2.5 to 2.5	Pass
				0	3.85	11.888	0.0140	-2.5 to 2.5	Pass
				10	3.85	12.903	0.0152	-2.5 to 2.5	Pass
				30	3.85	15.893	0.0187	-2.5 to 2.5	Pass
				40	3.85	16.208	0.0191	-2.5 to 2.5	Pass
				50	3.85	16.866	0.0199	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	38.123	0.0462	-2.5 to 2.5	Pass
					3.85	42.443	0.0515	-2.5 to 2.5	Pass
					4.43	-2.003	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				-20	3.85	4.220	0.0051	-2.5 to 2.5	Pass
				-10	3.85	3.605	0.0044	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				30	3.85	3.619	0.0044	-2.5 to 2.5	Pass
				40	3.85	2.060	0.0025	-2.5 to 2.5	Pass
				50	3.85	1.302	0.0016	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-10.271	-0.0123	-2.5 to 2.5	Pass
					3.85	-7.653	-0.0091	-2.5 to 2.5	Pass
					4.43	-11.573	-0.0138	-2.5 to 2.5	Pass
				-30	3.85	-11.201	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-15.492	-0.0185	-2.5 to 2.5	Pass
				-10	3.85	-16.437	-0.0196	-2.5 to 2.5	Pass
				0	3.85	-18.182	-0.0217	-2.5 to 2.5	Pass
				10	3.85	-16.937	-0.0202	-2.5 to 2.5	Pass
				30	3.85	-18.067	-0.0216	-2.5 to 2.5	Pass
				40	3.85	-19.240	-0.0230	-2.5 to 2.5	Pass
				50	3.85	-22.717	-0.0272	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	19.341	0.0228	-2.5 to 2.5	Pass
					3.85	29.039	0.0342	-2.5 to 2.5	Pass
					4.43	33.588	0.0396	-2.5 to 2.5	Pass
				-30	3.85	28.667	0.0338	-2.5 to 2.5	Pass
				-20	3.85	28.896	0.0341	-2.5 to 2.5	Pass
				-10	3.85	28.081	0.0331	-2.5 to 2.5	Pass
				0	3.85	27.723	0.0327	-2.5 to 2.5	Pass
				10	3.85	23.460	0.0277	-2.5 to 2.5	Pass
				30	3.85	17.552	0.0207	-2.5 to 2.5	Pass
				40	3.85	16.351	0.0193	-2.5 to 2.5	Pass
				50	3.85	19.469	0.0230	-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	2.875	0.0035	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0056	-2.5 to 2.5	Pass

					4.43	-9.527	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-15.106	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-15.779	-0.0191	-2.5 to 2.5	Pass
				-10	3.85	-18.253	-0.0221	-2.5 to 2.5	Pass
				0	3.85	-15.206	-0.0184	-2.5 to 2.5	Pass
				10	3.85	-13.032	-0.0158	-2.5 to 2.5	Pass
				30	3.85	-9.727	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-6.094	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	1.602	0.0019	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0036	-2.5 to 2.5	Pass
					4.43	-5.794	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-9.584	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-11.773	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-9.341	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-8.025	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-13.418	-0.0160	-2.5 to 2.5	Pass
				30	3.85	-12.674	-0.0152	-2.5 to 2.5	Pass
				40	3.85	-16.365	-0.0196	-2.5 to 2.5	Pass
				50	3.85	-14.048	-0.0168	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	6.094	0.0072	-2.5 to 2.5	Pass
					3.85	6.380	0.0075	-2.5 to 2.5	Pass
					4.43	10.085	0.0119	-2.5 to 2.5	Pass
				-30	3.85	10.729	0.0127	-2.5 to 2.5	Pass
				-20	3.85	12.989	0.0153	-2.5 to 2.5	Pass
				-10	3.85	15.092	0.0178	-2.5 to 2.5	Pass
				0	3.85	9.842	0.0116	-2.5 to 2.5	Pass
				10	3.85	14.434	0.0170	-2.5 to 2.5	Pass
				30	3.85	14.405	0.0170	-2.5 to 2.5	Pass
				40	3.85	17.123	0.0202	-2.5 to 2.5	Pass
				50	3.85	20.056	0.0237	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	1.874	0.0023	-2.5 to 2.5	Pass
					3.85	9.785	0.0119	-2.5 to 2.5	Pass
					4.43	11.215	0.0136	-2.5 to 2.5	Pass
				-30	3.85	10.929	0.0132	-2.5 to 2.5	Pass
				-20	3.85	16.866	0.0204	-2.5 to 2.5	Pass
				-10	3.85	24.834	0.0301	-2.5 to 2.5	Pass
				0	3.85	28.625	0.0347	-2.5 to 2.5	Pass
				10	3.85	32.816	0.0398	-2.5 to 2.5	Pass
				30	3.85	36.936	0.0447	-2.5 to 2.5	Pass
				40	3.85	29.383	0.0356	-2.5 to 2.5	Pass
				50	3.85	32.458	0.0393	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-15.221	-0.0182	-2.5 to 2.5	Pass
					3.85	-12.059	-0.0144	-2.5 to 2.5	Pass
					4.43	-9.513	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-11.888	-0.0142	-2.5 to 2.5	Pass
				-20	3.85	-15.006	-0.0179	-2.5 to 2.5	Pass
				-10	3.85	-18.153	-0.0217	-2.5 to 2.5	Pass
				0	3.85	-23.746	-0.0284	-2.5 to 2.5	Pass
				10	3.85	-22.044	-0.0264	-2.5 to 2.5	Pass
				30	3.85	-22.817	-0.0273	-2.5 to 2.5	Pass
				40	3.85	-19.984	-0.0239	-2.5 to 2.5	Pass
				50	3.85	-22.960	-0.0274	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	20.571	0.0243	-2.5 to 2.5	Pass
					3.85	27.366	0.0323	-2.5 to 2.5	Pass
					4.43	25.892	0.0306	-2.5 to 2.5	Pass
				-30	3.85	26.050	0.0307	-2.5 to 2.5	Pass
				-20	3.85	25.105	0.0296	-2.5 to 2.5	Pass
				-10	3.85	19.383	0.0229	-2.5 to 2.5	Pass

				0	3.85	21.715	0.0256	-2.5 to 2.5	Pass
				10	3.85	22.058	0.0260	-2.5 to 2.5	Pass
				30	3.85	18.110	0.0214	-2.5 to 2.5	Pass
				40	3.85	17.509	0.0207	-2.5 to 2.5	Pass
				50	3.85	16.608	0.0196	-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	-7.224	-0.0087	-2.5 to 2.5	Pass
					3.85	-33.703	-0.0408	-2.5 to 2.5	Pass
					4.43	-16.308	-0.0197	-2.5 to 2.5	Pass
				-30	3.85	-41.885	-0.0507	-2.5 to 2.5	Pass
				-20	3.85	-9.670	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-27.094	-0.0328	-2.5 to 2.5	Pass
				0	3.85	-40.841	-0.0494	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-8.783	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-12.631	-0.0153	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	3.605	0.0043	-2.5 to 2.5	Pass
					3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.629	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.772	0.0009	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-10.915	-0.0130	-2.5 to 2.5	Pass
				50	3.85	-4.950	-0.0059	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	1.845	0.0022	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.873	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0032	-2.5 to 2.5	Pass
				-20	3.85	4.306	0.0051	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0052	-2.5 to 2.5	Pass
				0	3.85	9.284	0.0110	-2.5 to 2.5	Pass
				10	3.85	16.336	0.0193	-2.5 to 2.5	Pass
				30	3.85	8.211	0.0097	-2.5 to 2.5	Pass
				40	3.85	13.847	0.0164	-2.5 to 2.5	Pass
				50	3.85	16.665	0.0197	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-13.890	-0.0168	-2.5 to 2.5	Pass
					3.85	-12.102	-0.0146	-2.5 to 2.5	Pass
					4.43	-9.427	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.531	0.0019	-2.5 to 2.5	Pass
				30	3.85	6.409	0.0078	-2.5 to 2.5	Pass
				40	3.85	7.882	0.0095	-2.5 to 2.5	Pass
				50	3.85	13.576	0.0164	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-4.706	-0.0056	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0009	-2.5 to 2.5	Pass

					4.43	-1.431	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.774	0.0021	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.047	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-2.375	-0.0028	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	15.821	0.0187	-2.5 to 2.5	Pass
					3.85	14.892	0.0176	-2.5 to 2.5	Pass
					4.43	17.967	0.0212	-2.5 to 2.5	Pass
				-30	3.85	17.695	0.0209	-2.5 to 2.5	Pass
				-20	3.85	13.361	0.0158	-2.5 to 2.5	Pass
				-10	3.85	14.648	0.0173	-2.5 to 2.5	Pass
				0	3.85	20.671	0.0244	-2.5 to 2.5	Pass
				10	3.85	19.383	0.0229	-2.5 to 2.5	Pass
				30	3.85	22.631	0.0267	-2.5 to 2.5	Pass
				40	3.85	28.911	0.0342	-2.5 to 2.5	Pass
				50	3.85	29.926	0.0354	-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	-14.548	-0.0175	-2.5 to 2.5	Pass
					3.85	-25.506	-0.0308	-2.5 to 2.5	Pass
					4.43	-30.470	-0.0368	-2.5 to 2.5	Pass
				-30	3.85	-25.020	-0.0302	-2.5 to 2.5	Pass
				-20	3.85	-17.910	-0.0216	-2.5 to 2.5	Pass
				-10	3.85	-12.331	-0.0149	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0084	-2.5 to 2.5	Pass
				10	3.85	4.034	0.0049	-2.5 to 2.5	Pass
				30	3.85	15.321	0.0185	-2.5 to 2.5	Pass
				40	3.85	45.934	0.0554	-2.5 to 2.5	Pass
				50	3.85	17.982	0.0217	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-2.432	-0.0029	-2.5 to 2.5	Pass
					3.85	-17.896	-0.0214	-2.5 to 2.5	Pass
					4.43	-29.984	-0.0358	-2.5 to 2.5	Pass
				-30	3.85	-33.131	-0.0396	-2.5 to 2.5	Pass
				-20	3.85	-38.195	-0.0457	-2.5 to 2.5	Pass
				-10	3.85	-41.299	-0.0494	-2.5 to 2.5	Pass
				0	3.85	-37.451	-0.0448	-2.5 to 2.5	Pass
				10	3.85	-39.682	-0.0474	-2.5 to 2.5	Pass
				30	3.85	-44.832	-0.0536	-2.5 to 2.5	Pass
				40	3.85	-45.047	-0.0539	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0039	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-2.074	-0.0025	-2.5 to 2.5	Pass
					3.85	-8.683	-0.0103	-2.5 to 2.5	Pass
					4.43	5.765	0.0068	-2.5 to 2.5	Pass
				-30	3.85	16.837	0.0199	-2.5 to 2.5	Pass
				-20	3.85	20.328	0.0241	-2.5 to 2.5	Pass
				-10	3.85	22.216	0.0263	-2.5 to 2.5	Pass
				0	3.85	22.173	0.0263	-2.5 to 2.5	Pass
				10	3.85	21.844	0.0259	-2.5 to 2.5	Pass
				30	3.85	23.589	0.0279	-2.5 to 2.5	Pass

				40	3.85	27.766	0.0329	-2.5 to 2.5	Pass
				50	3.85	33.002	0.0391	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	37.265	0.0450	-2.5 to 2.5	Pass
					3.85	38.824	0.0468	-2.5 to 2.5	Pass
					4.43	34.876	0.0421	-2.5 to 2.5	Pass
				-30	3.85	29.497	0.0356	-2.5 to 2.5	Pass
				-20	3.85	29.011	0.0350	-2.5 to 2.5	Pass
				-10	3.85	34.647	0.0418	-2.5 to 2.5	Pass
				0	3.85	30.856	0.0372	-2.5 to 2.5	Pass
				10	3.85	30.355	0.0366	-2.5 to 2.5	Pass
				30	3.85	31.071	0.0375	-2.5 to 2.5	Pass
				40	3.85	25.706	0.0310	-2.5 to 2.5	Pass
				50	3.85	22.459	0.0271	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-2.303	-0.0028	-2.5 to 2.5	Pass
					3.85	-6.323	-0.0076	-2.5 to 2.5	Pass
					4.43	-13.747	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-17.524	-0.0209	-2.5 to 2.5	Pass
				-20	3.85	-24.447	-0.0292	-2.5 to 2.5	Pass
				-10	3.85	-27.280	-0.0326	-2.5 to 2.5	Pass
				0	3.85	-33.603	-0.0402	-2.5 to 2.5	Pass
				10	3.85	-33.660	-0.0402	-2.5 to 2.5	Pass
				30	3.85	-35.448	-0.0424	-2.5 to 2.5	Pass
				40	3.85	-39.282	-0.0470	-2.5 to 2.5	Pass
				50	3.85	-44.847	-0.0536	-2.5 to 2.5	Pass
	844	50	0	20	3.27	23.274	0.0276	-2.5 to 2.5	Pass
					3.85	17.867	0.0212	-2.5 to 2.5	Pass
					4.43	9.542	0.0113	-2.5 to 2.5	Pass
				-30	3.85	4.134	0.0049	-2.5 to 2.5	Pass
				-20	3.85	5.436	0.0064	-2.5 to 2.5	Pass
				-10	3.85	4.921	0.0058	-2.5 to 2.5	Pass
				0	3.85	4.406	0.0052	-2.5 to 2.5	Pass
				10	3.85	1.574	0.0019	-2.5 to 2.5	Pass
				30	3.85	0.801	0.0009	-2.5 to 2.5	Pass
				40	3.85	3.018	0.0036	-2.5 to 2.5	Pass
				50	3.85	-3.905	-0.0046	-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

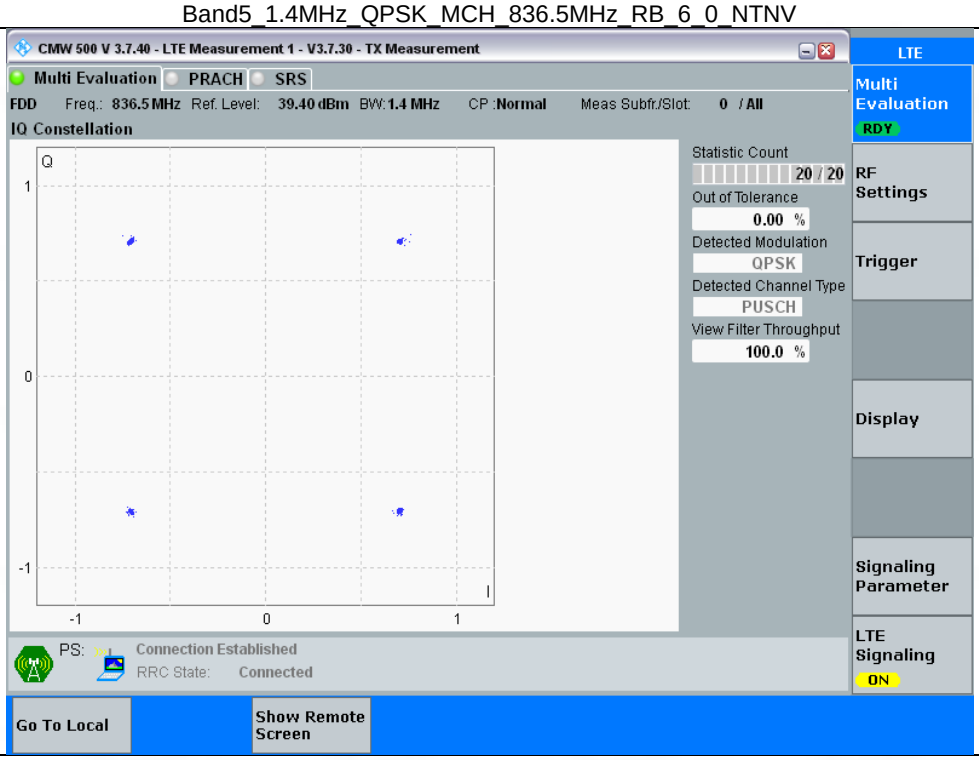
3.1.4 B5_10MHz

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

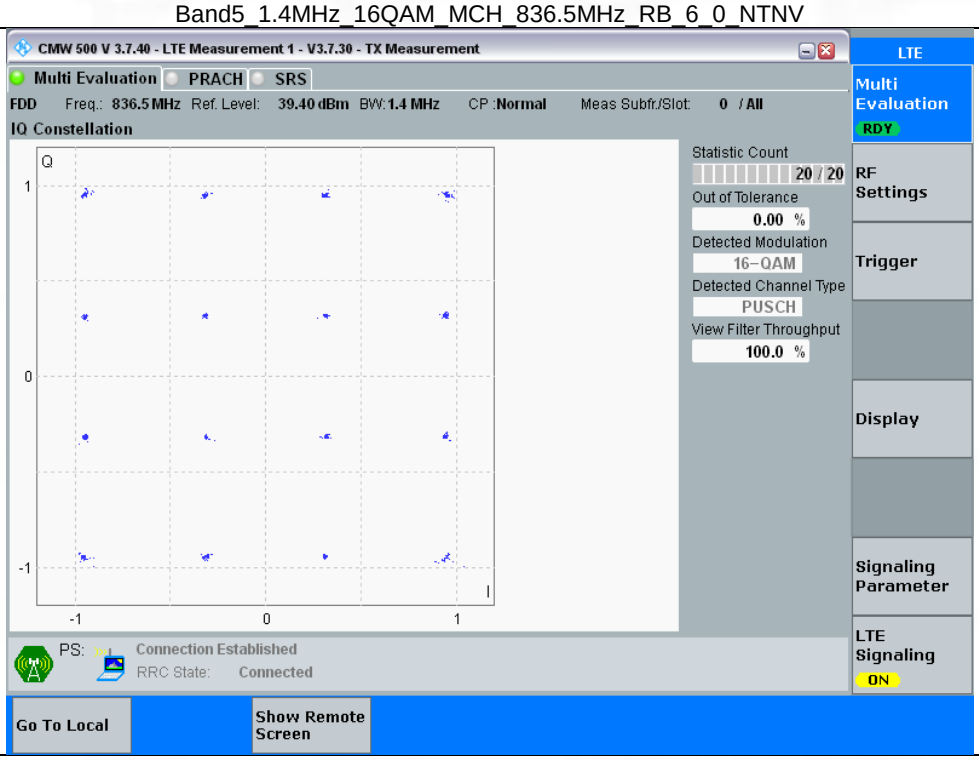
3.2 Test Graph

3.2.1 B5_1.4MHz

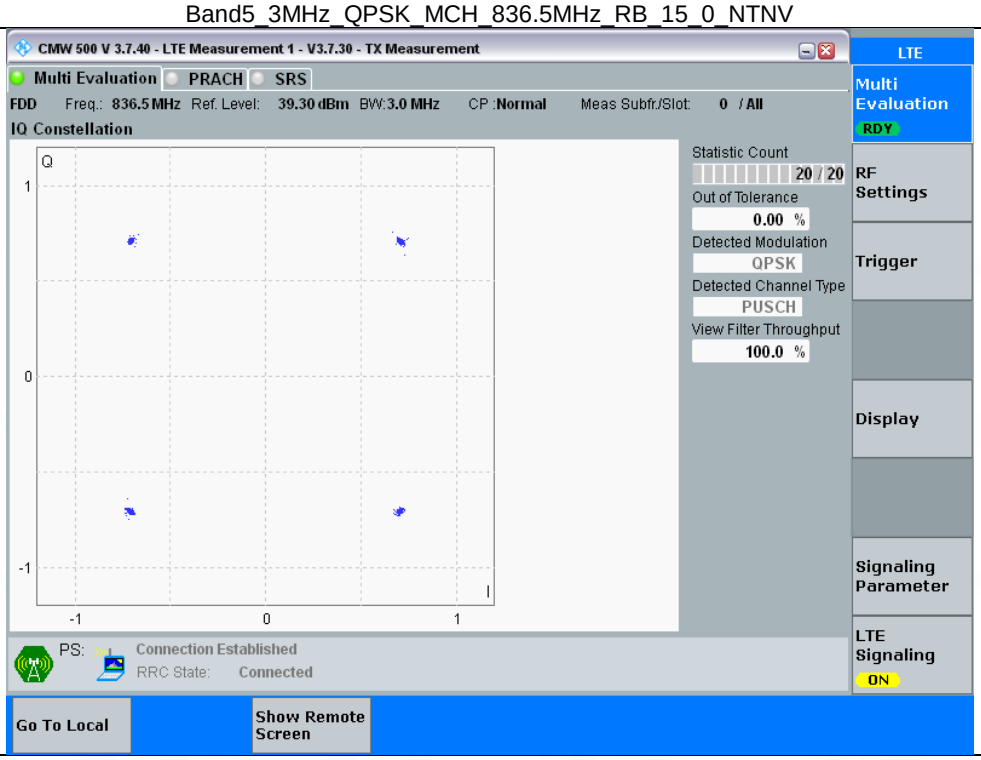
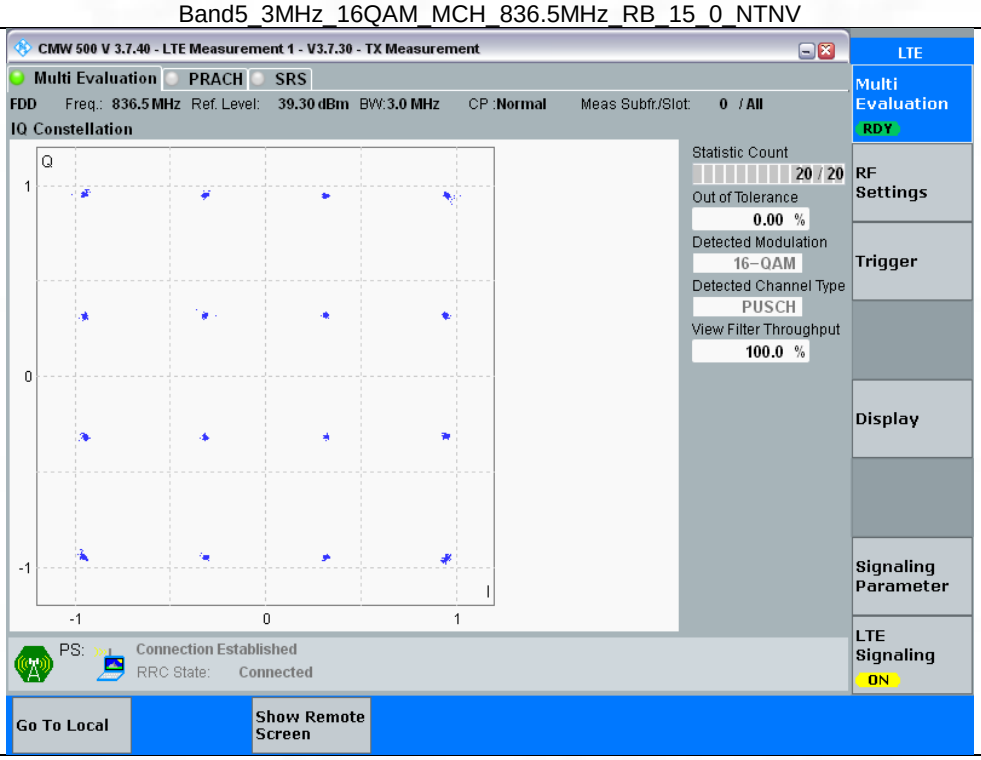
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

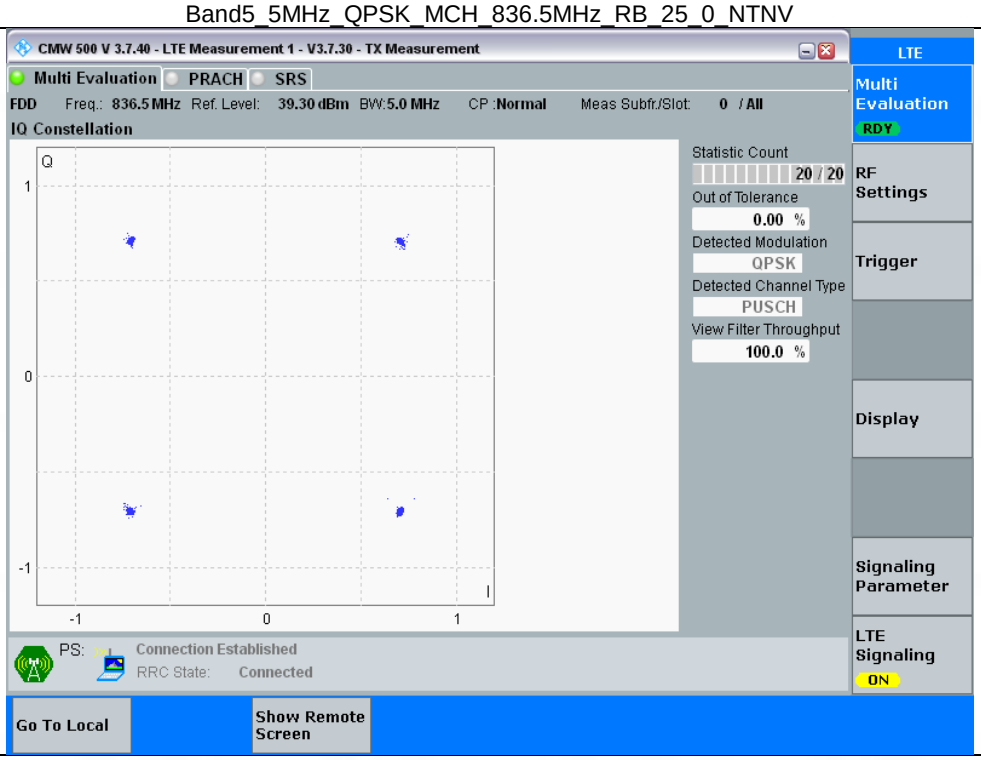


3.2.2 B5_3MHz

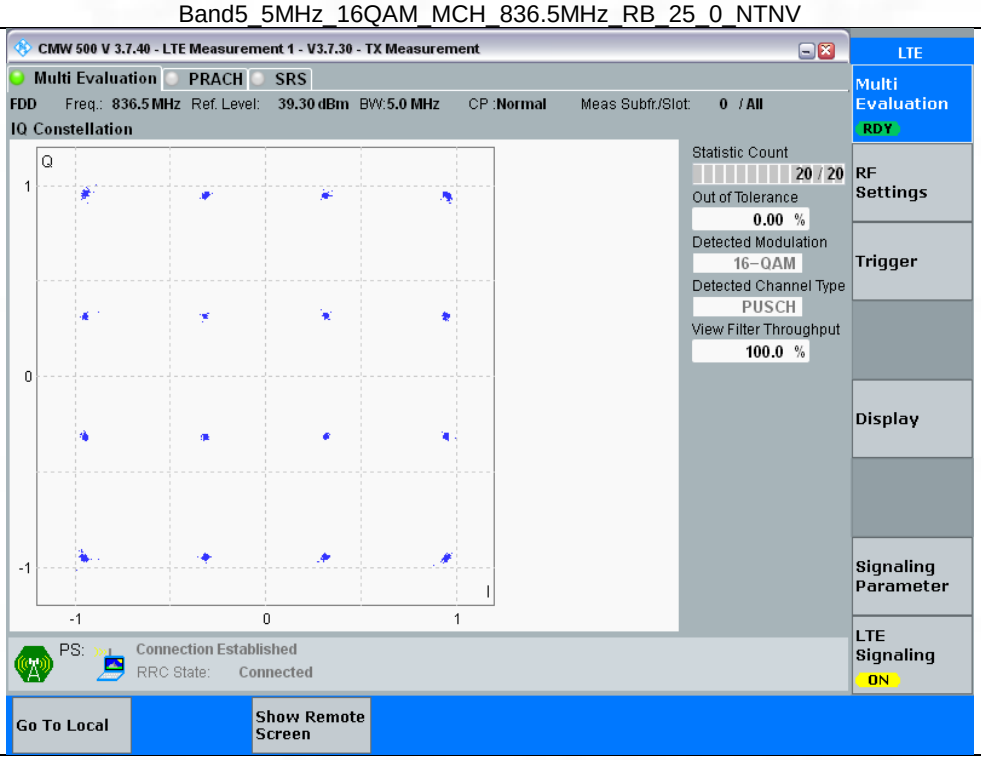
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

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

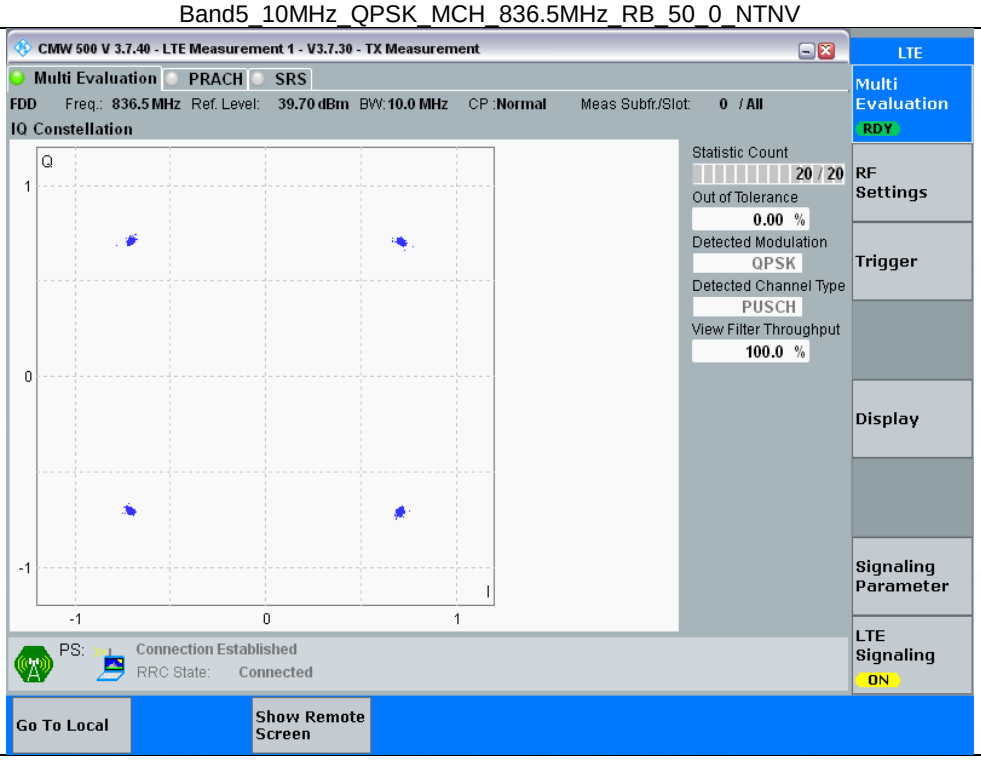


Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

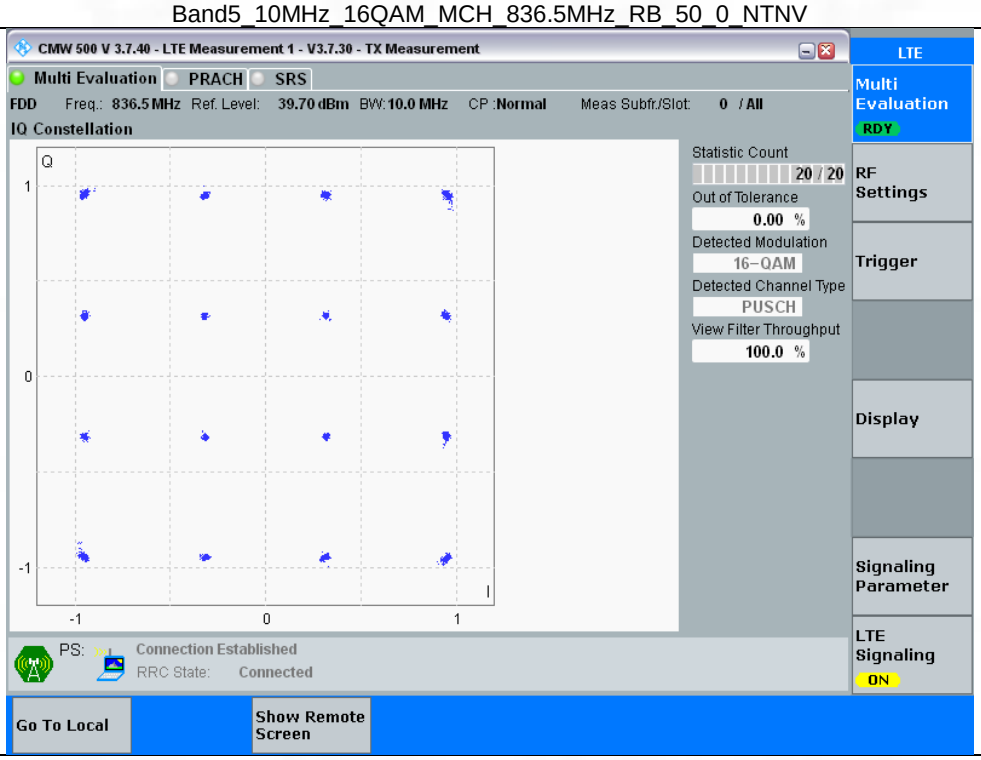


3.2.4 B5_10MHz

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	1.112	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.114	/	Pass
	16QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.117	/	Pass
3	QPSK	825.5	15	0	2.749	/	Pass
		836.5	15	0	2.760	/	Pass
		847.5	15	0	2.765	/	Pass
	16QAM	825.5	15	0	2.758	/	Pass
		836.5	15	0	2.763	/	Pass
		847.5	15	0	2.748	/	Pass
5	QPSK	826.5	25	0	4.570	/	Pass
		836.5	25	0	4.550	/	Pass
		846.5	25	0	4.550	/	Pass
	16QAM	826.5	25	0	4.579	/	Pass
		836.5	25	0	4.556	/	Pass
		846.5	25	0	4.565	/	Pass
10	QPSK	829	50	0	9.063	/	Pass
		836.5	50	0	9.072	/	Pass
		844	50	0	9.048	/	Pass
	16QAM	829	50	0	9.090	/	Pass
		836.5	50	0	9.064	/	Pass
		844	50	0	9.042	/	Pass

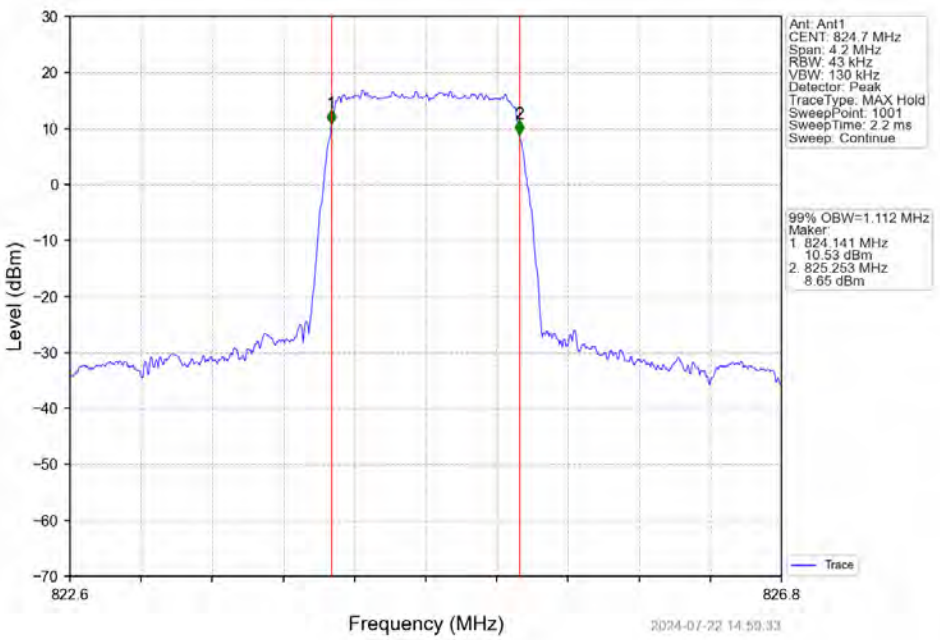
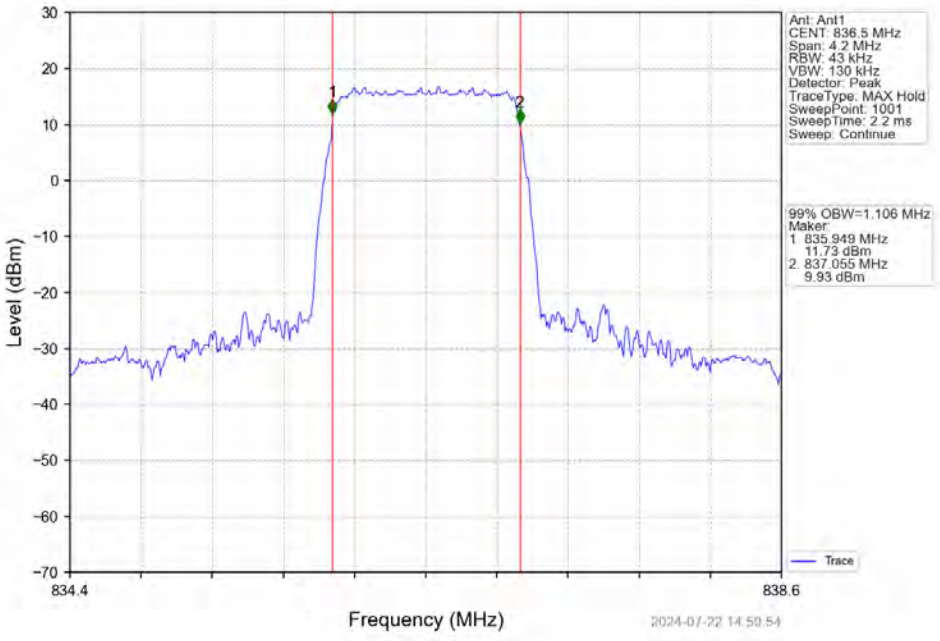
4.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.272	/	Pass
		836.5	6	0	1.272	/	Pass
		848.3	6	0	1.266	/	Pass
	16QAM	824.7	6	0	1.270	/	Pass
		836.5	6	0	1.265	/	Pass
		848.3	6	0	1.272	/	Pass
3	QPSK	825.5	15	0	3.097	/	Pass
		836.5	15	0	3.078	/	Pass
		847.5	15	0	3.106	/	Pass
	16QAM	825.5	15	0	3.076	/	Pass
		836.5	15	0	3.099	/	Pass
		847.5	15	0	3.100	/	Pass
5	QPSK	826.5	25	0	5.072	/	Pass
		836.5	25	0	5.064	/	Pass
		846.5	25	0	5.054	/	Pass

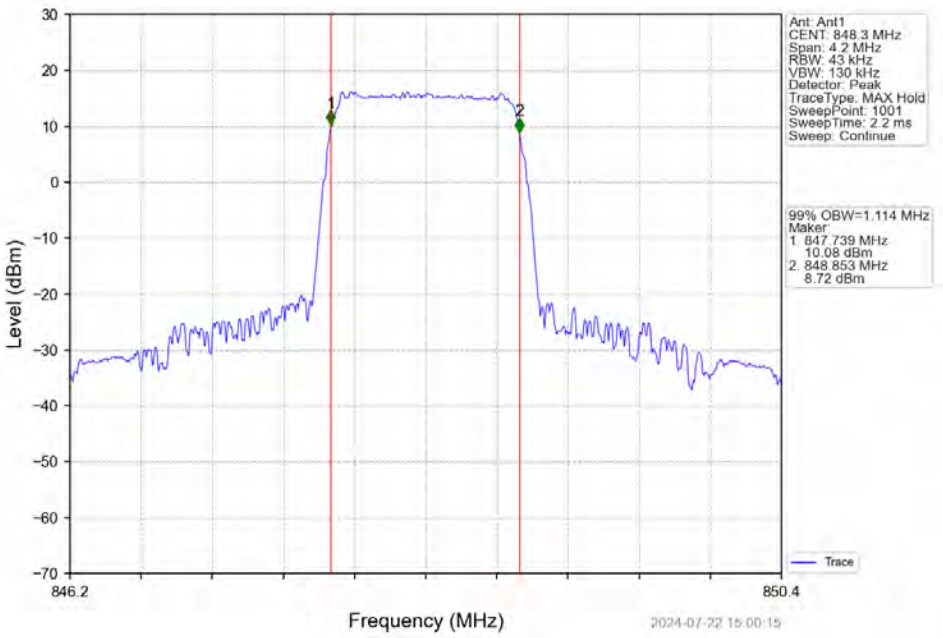
	16QAM	826.5	25	0	5.064	/	Pass
		836.5	25	0	5.049	/	Pass
		846.5	25	0	5.082	/	Pass
10	QPSK	829	50	0	10.053	/	Pass
		836.5	50	0	10.044	/	Pass
		844	50	0	10.059	/	Pass
	16QAM	829	50	0	10.028	/	Pass
		836.5	50	0	10.095	/	Pass
		844	50	0	10.066	/	Pass

4.2 Test Graph

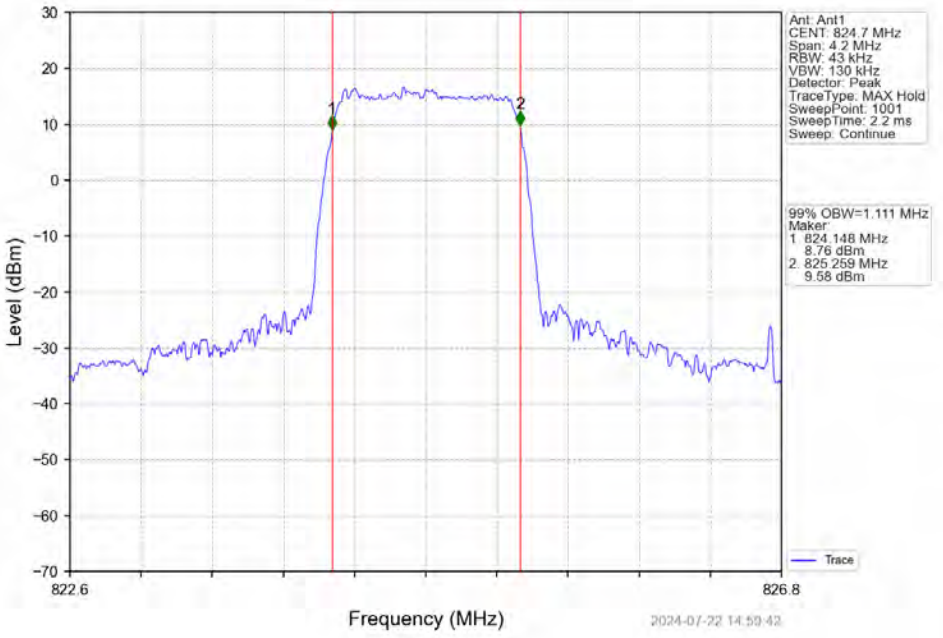
4.2.1 Band5_OBW

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


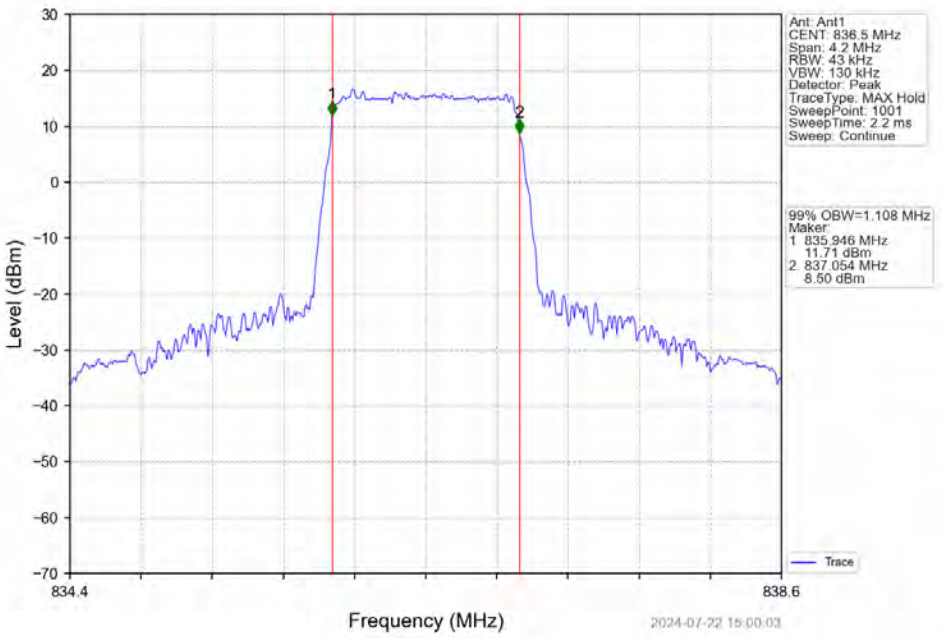
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



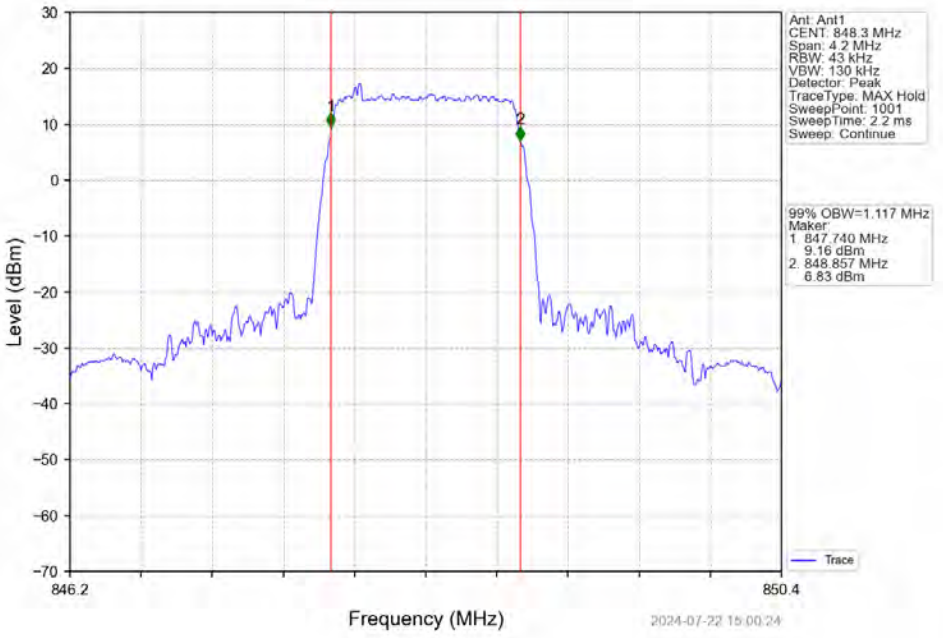
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



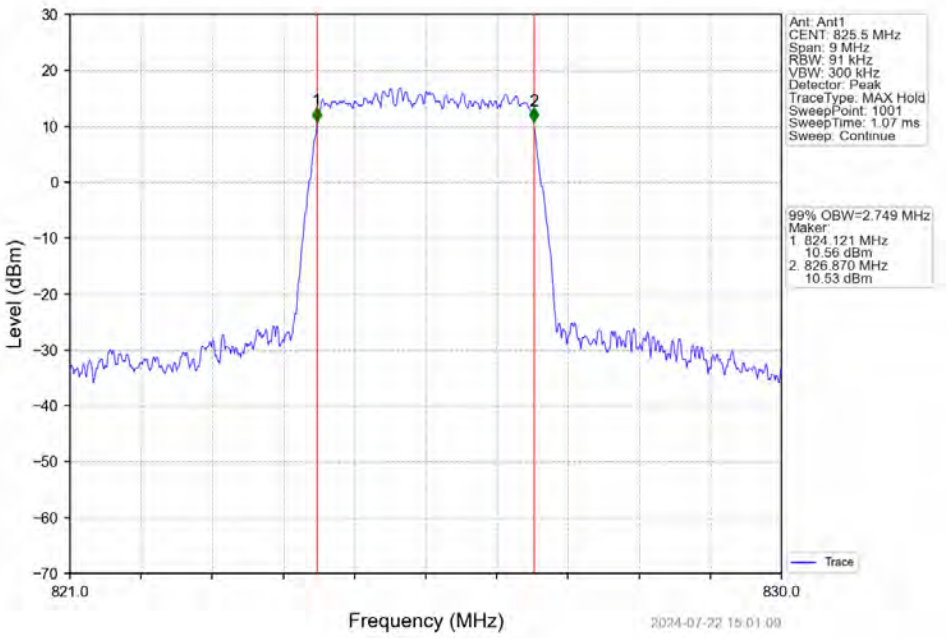
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



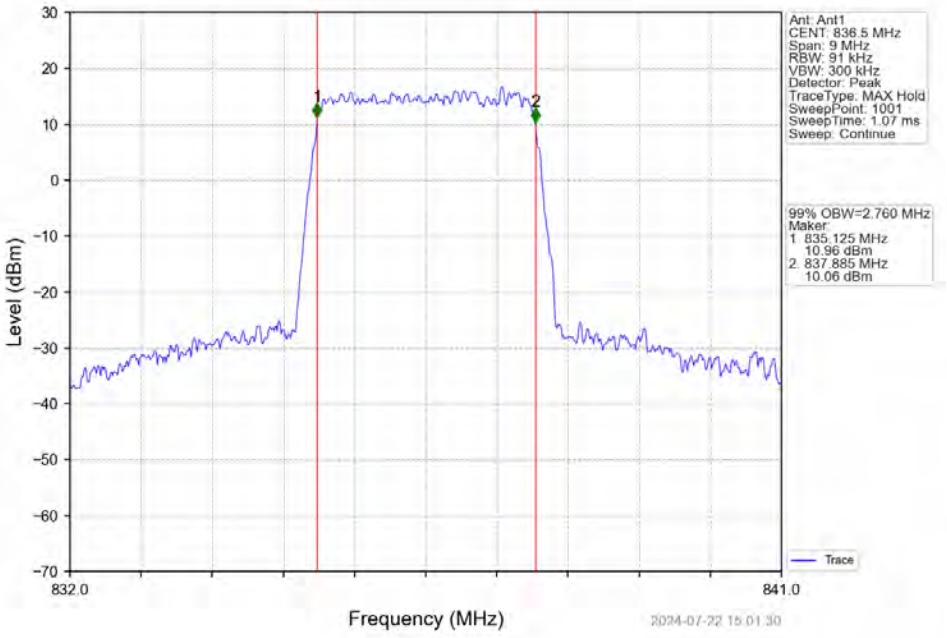
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



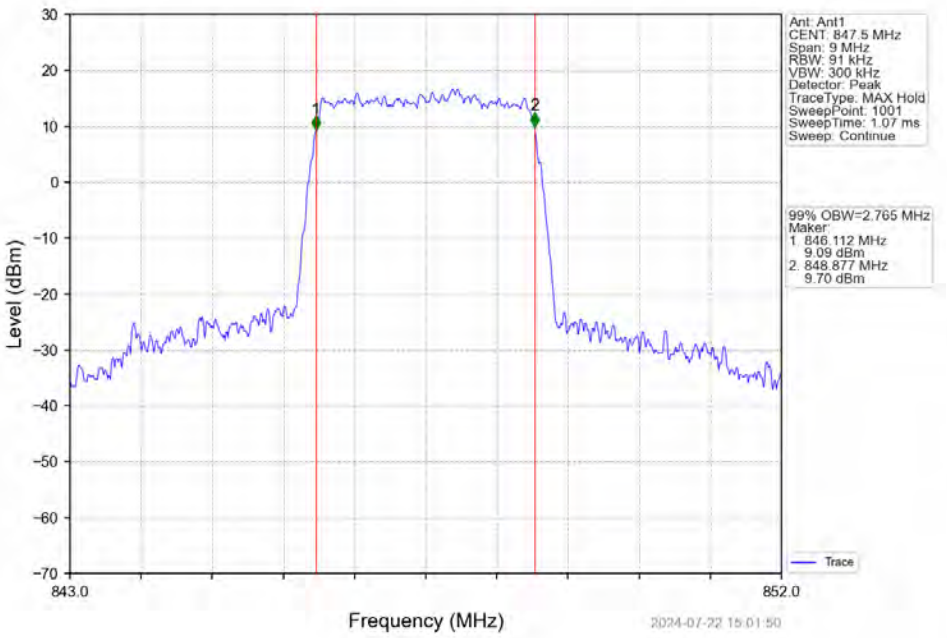
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



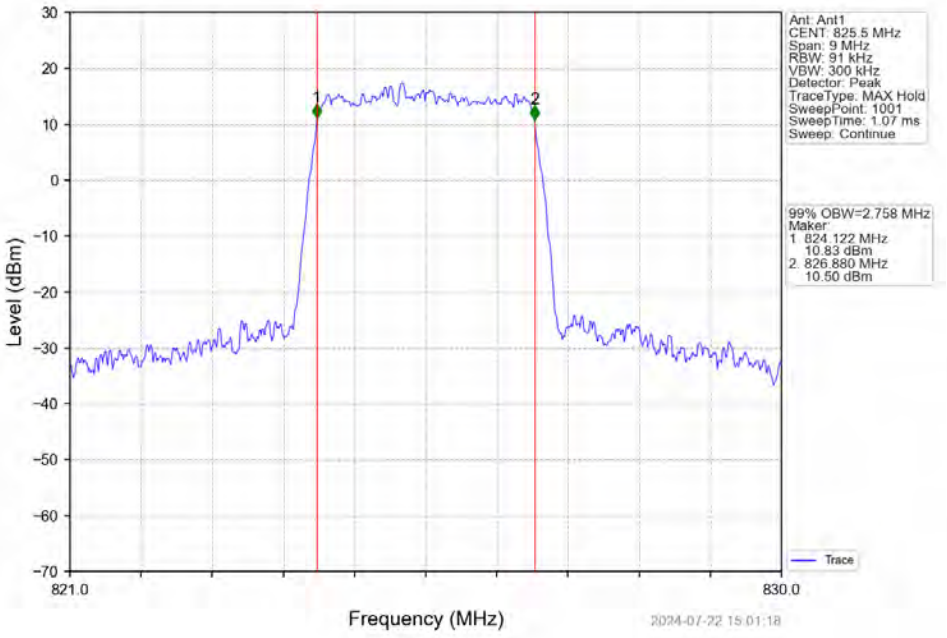
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



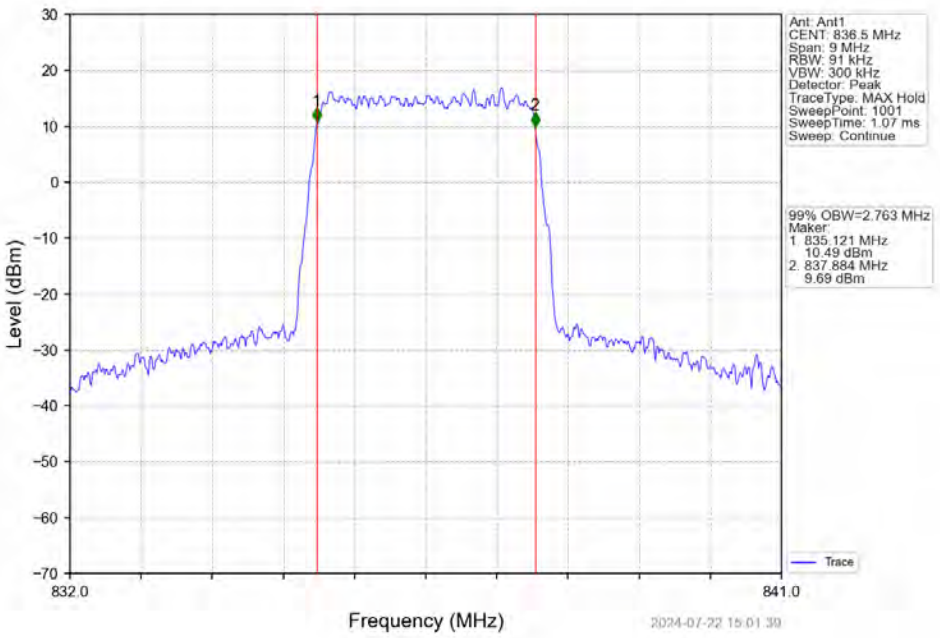
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



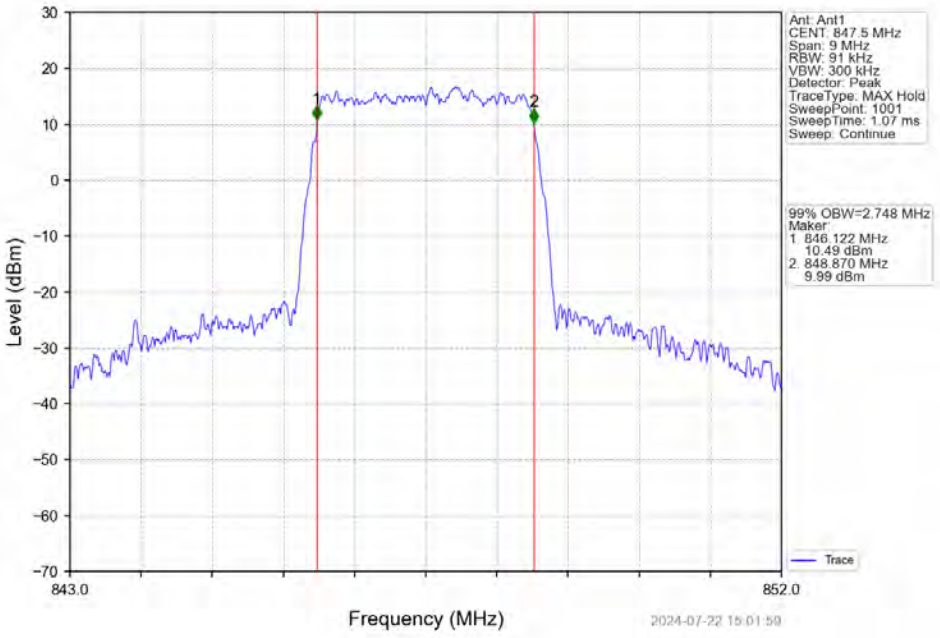
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



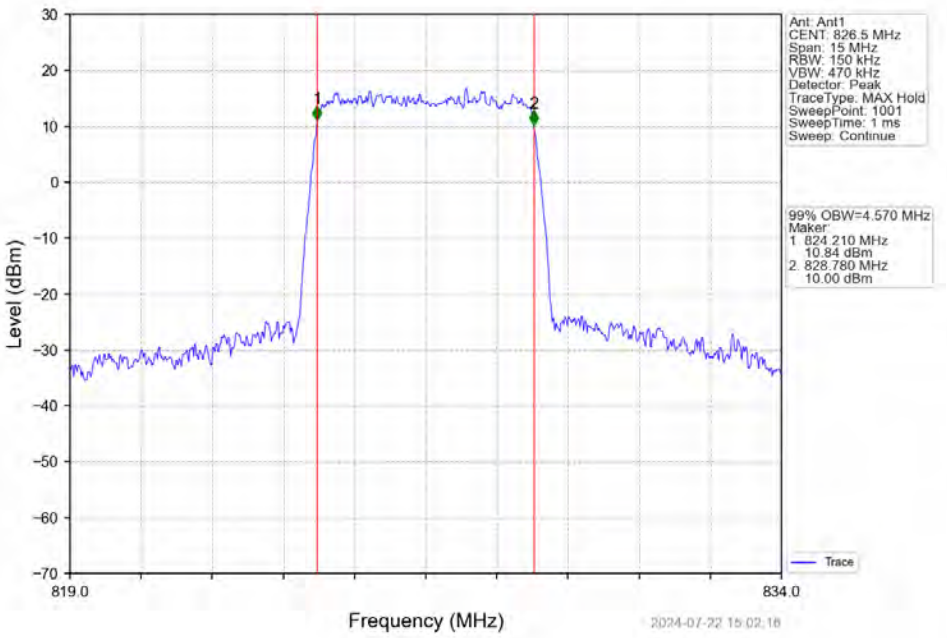
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



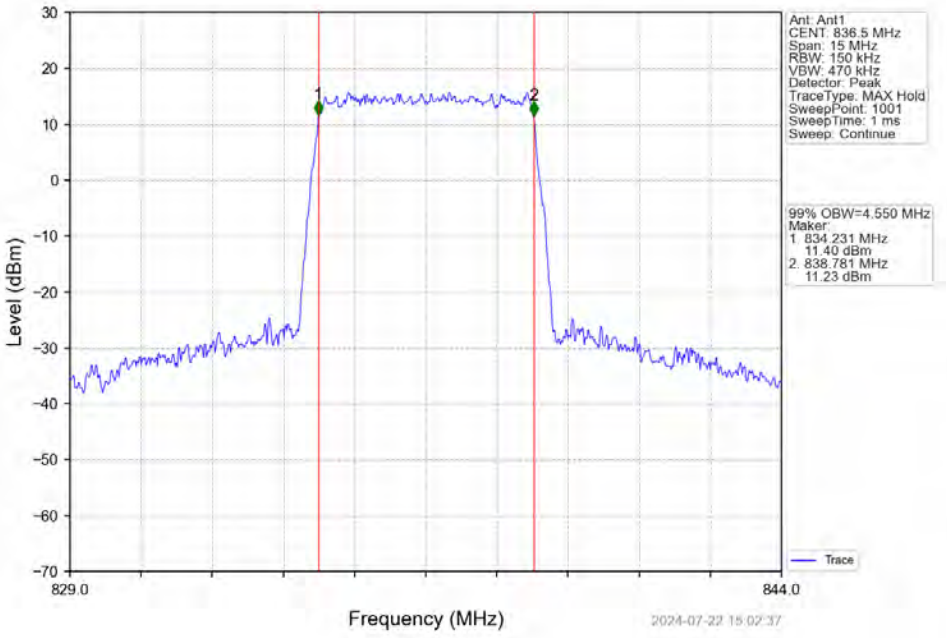
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



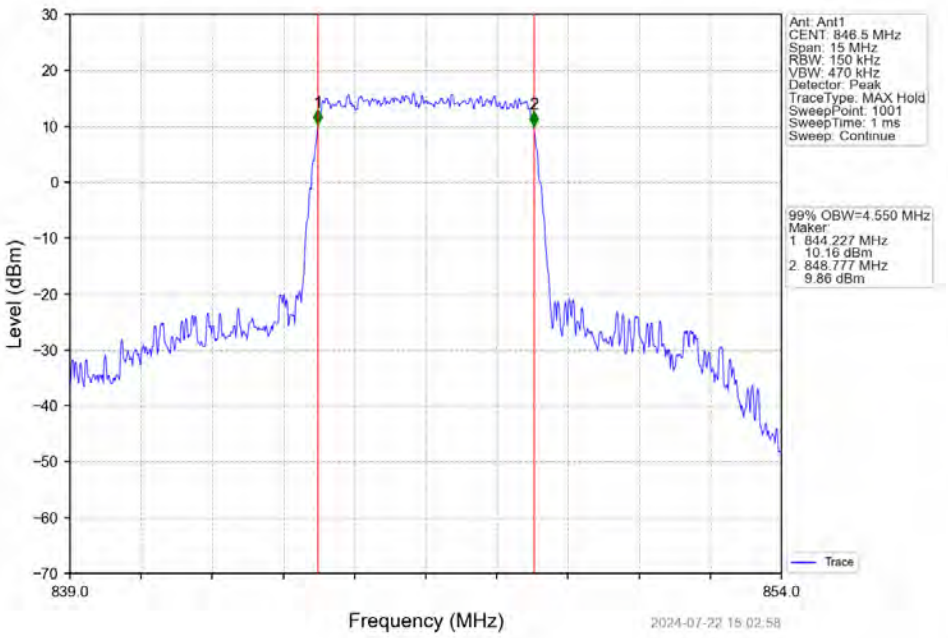
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



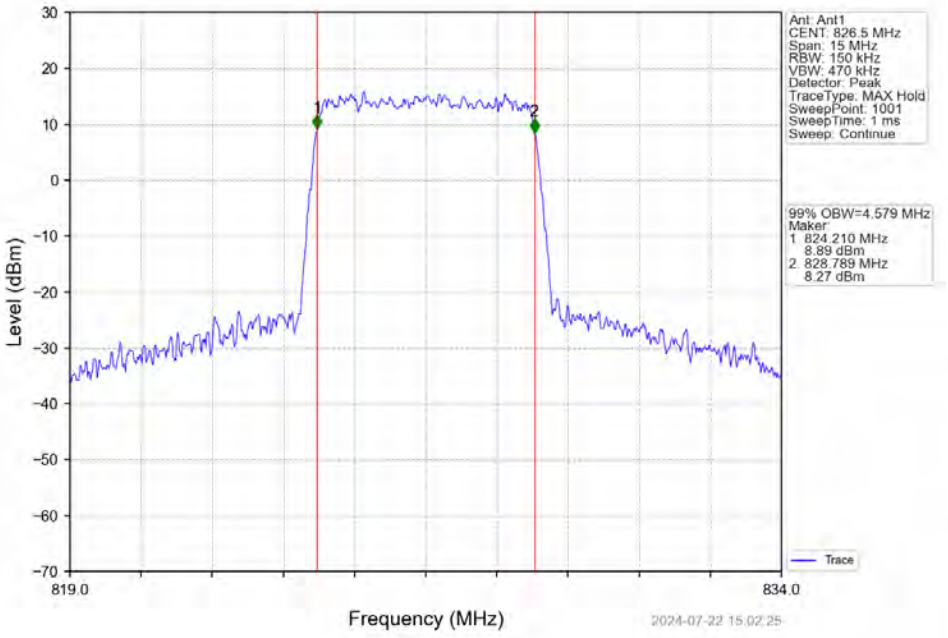
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



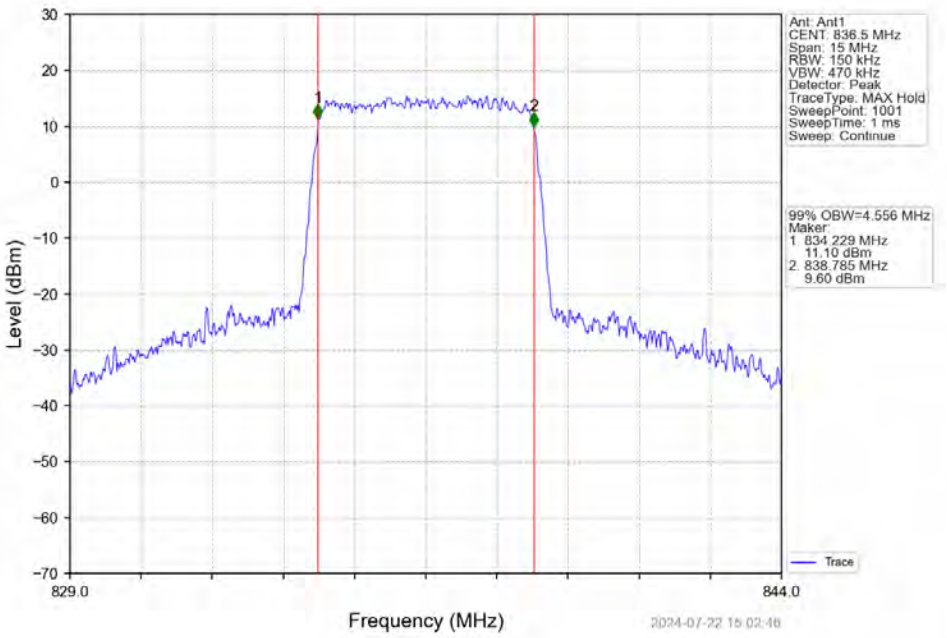
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



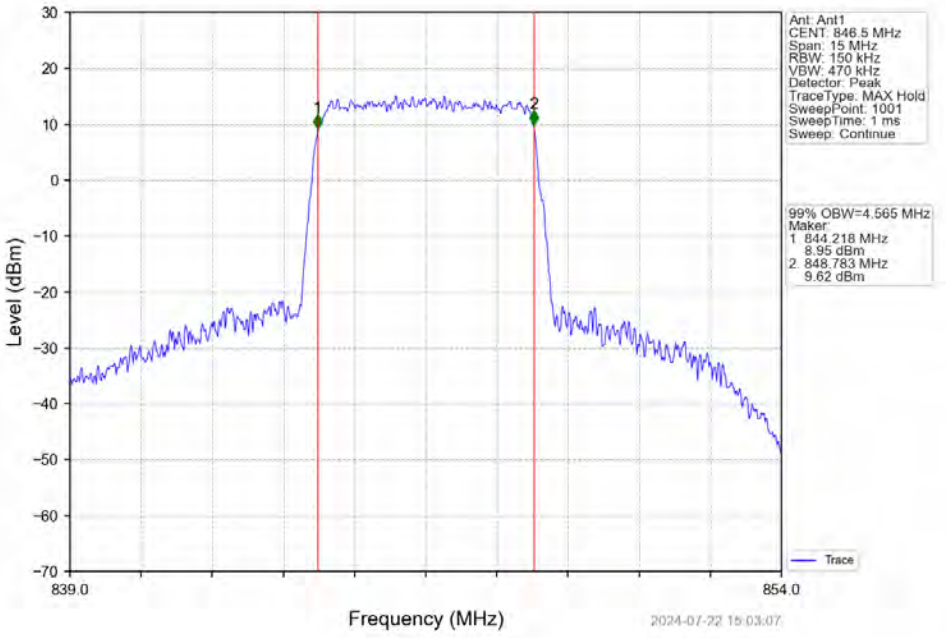
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



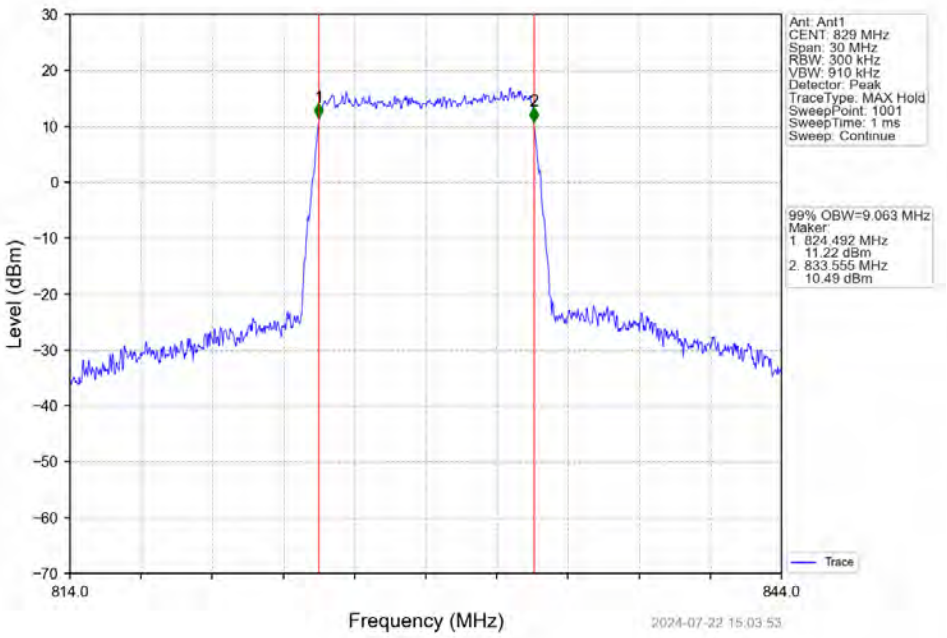
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



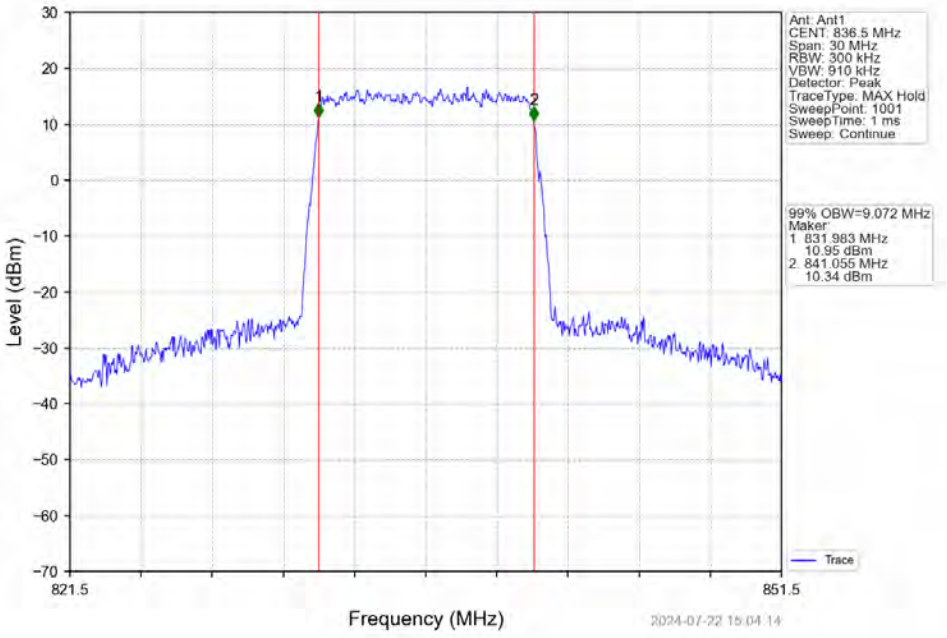
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



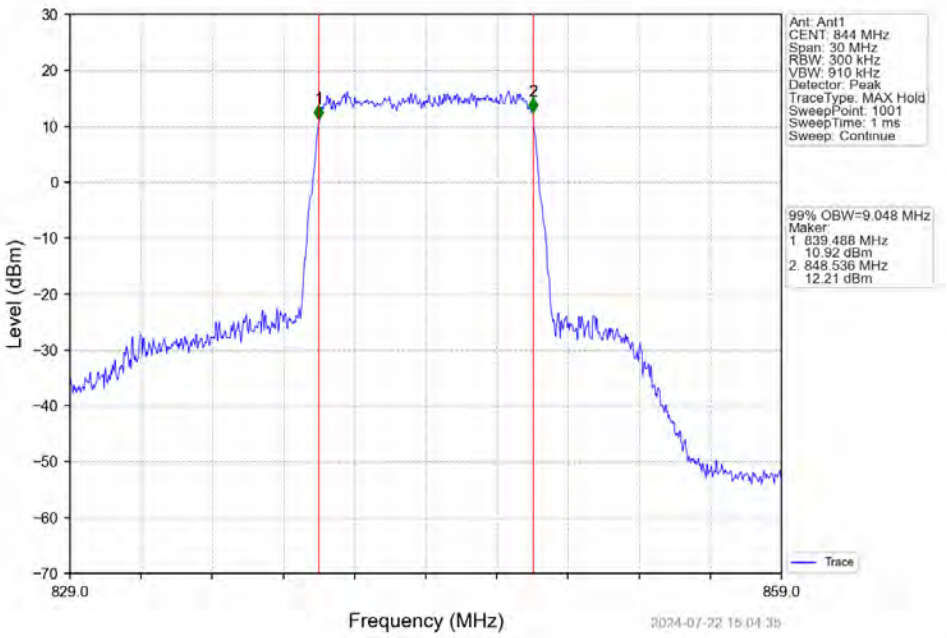
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



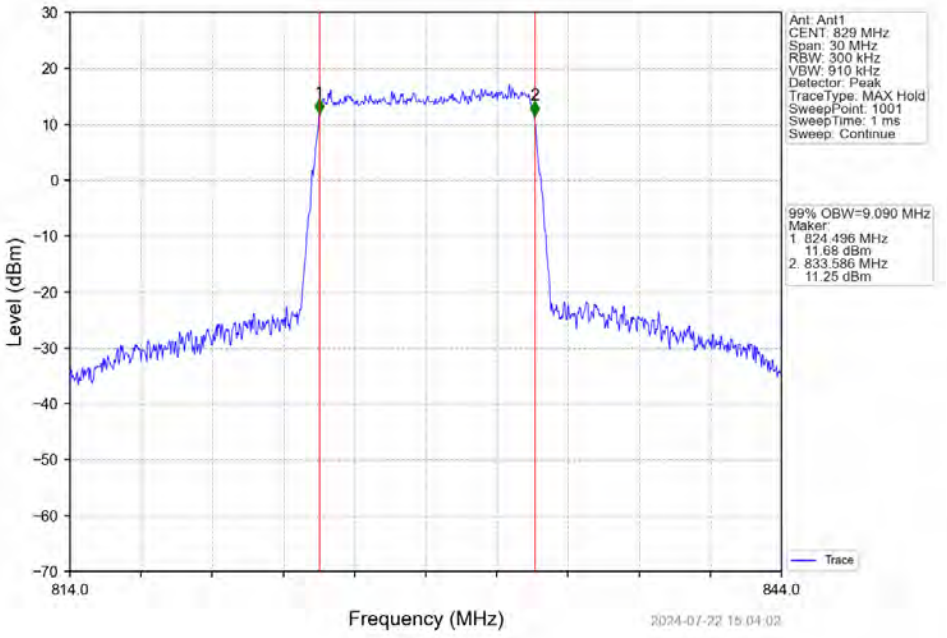
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



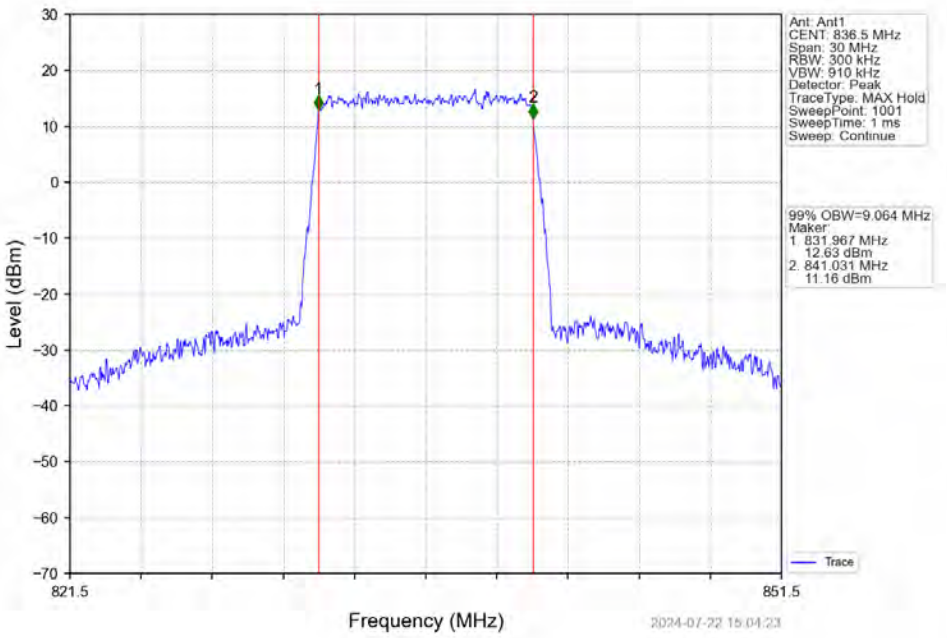
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



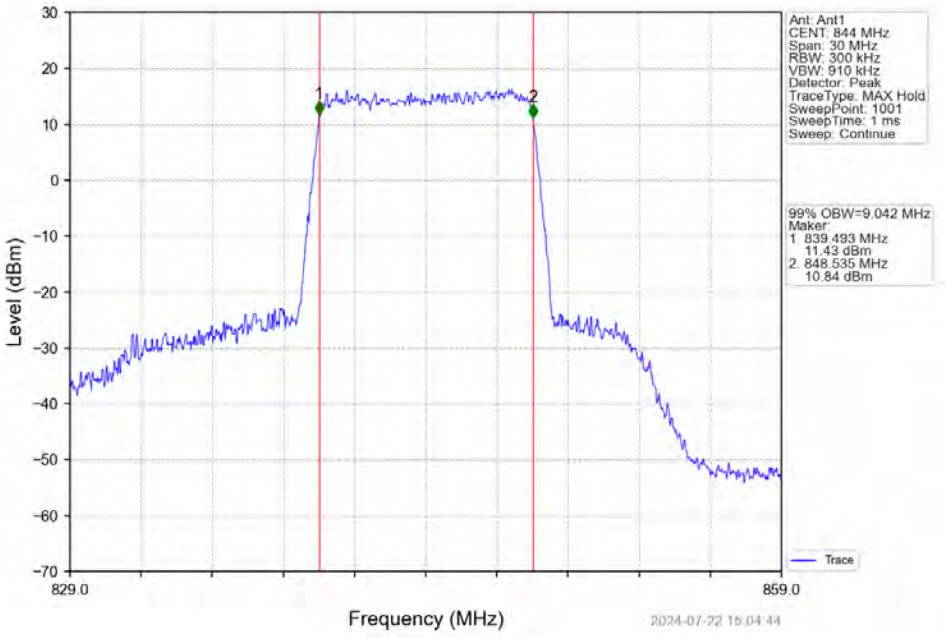
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

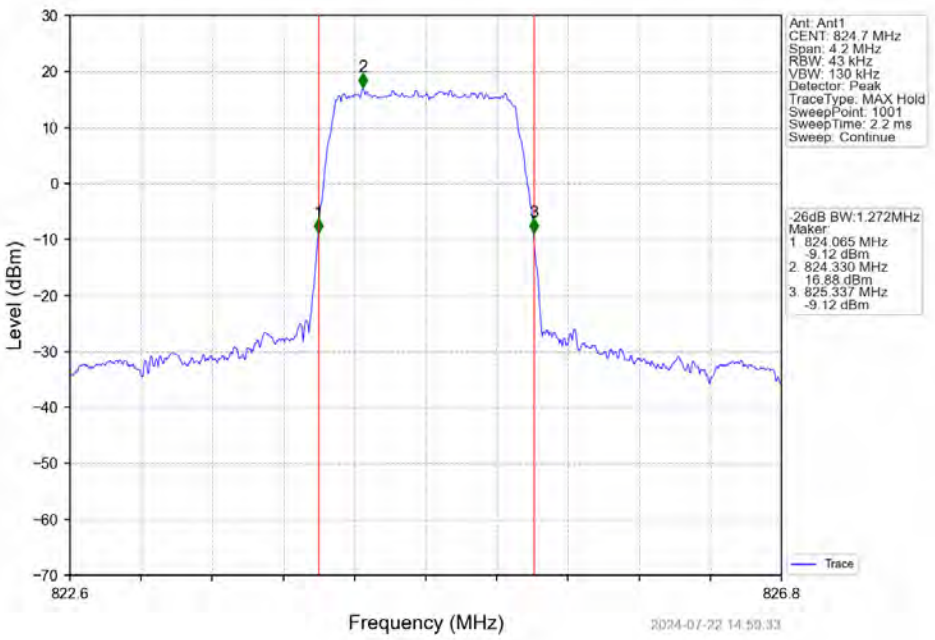


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

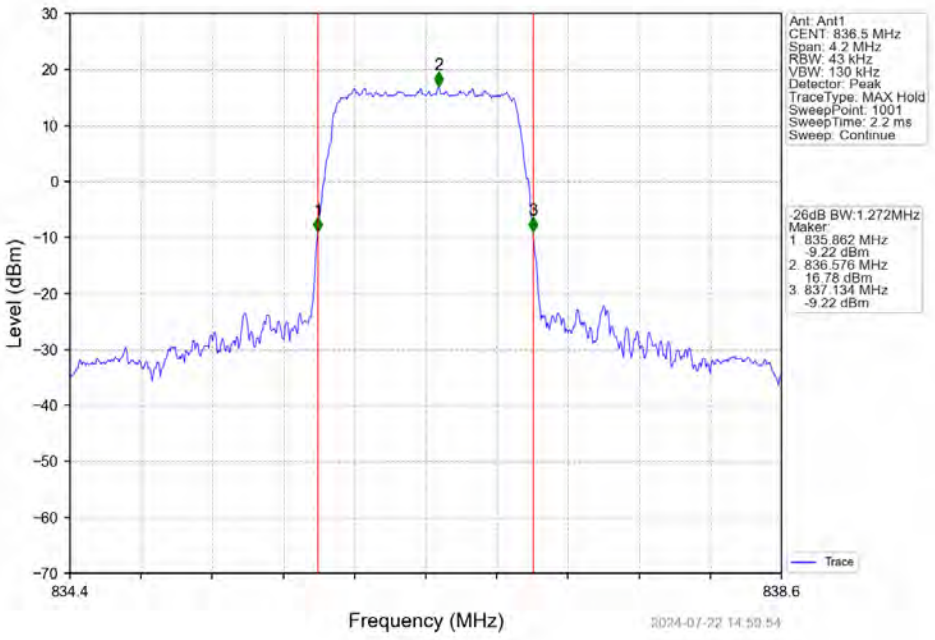


4.2.2 Band5_XDB

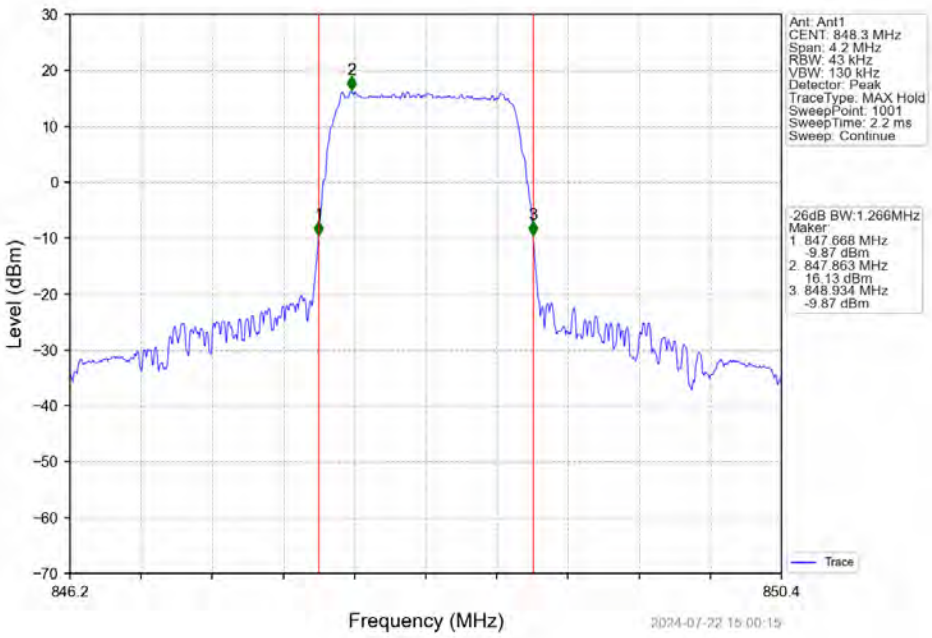
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



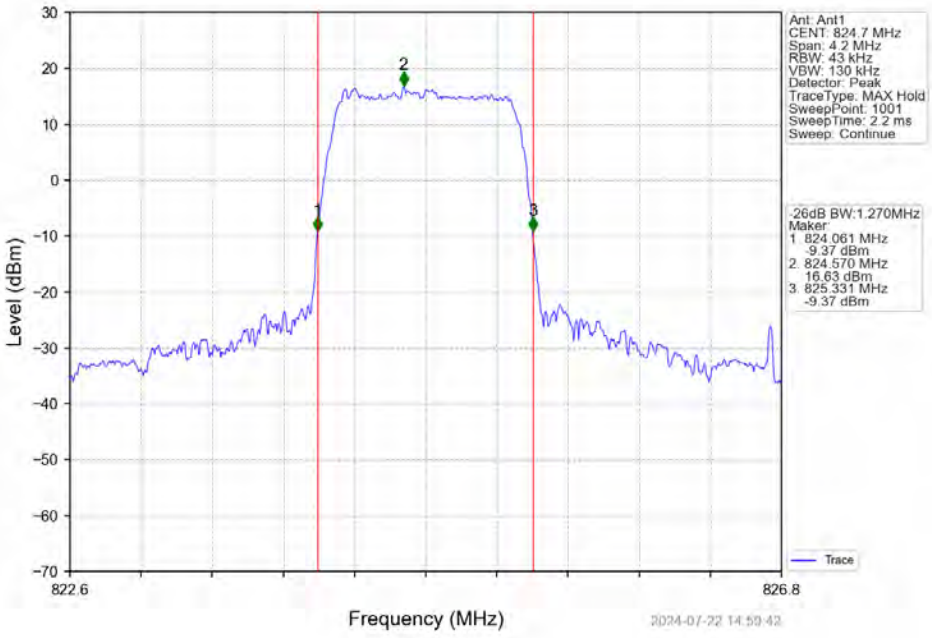
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



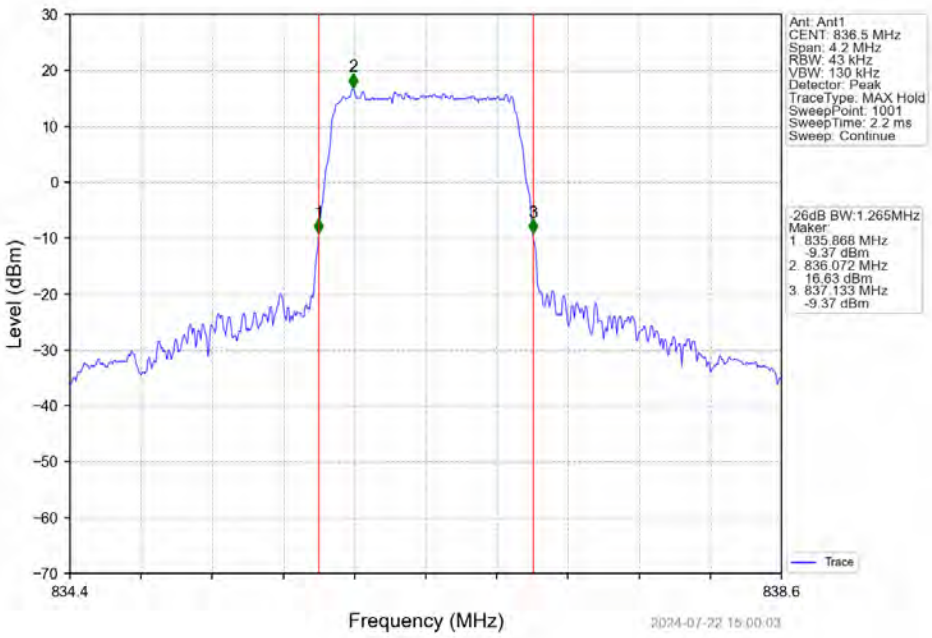
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



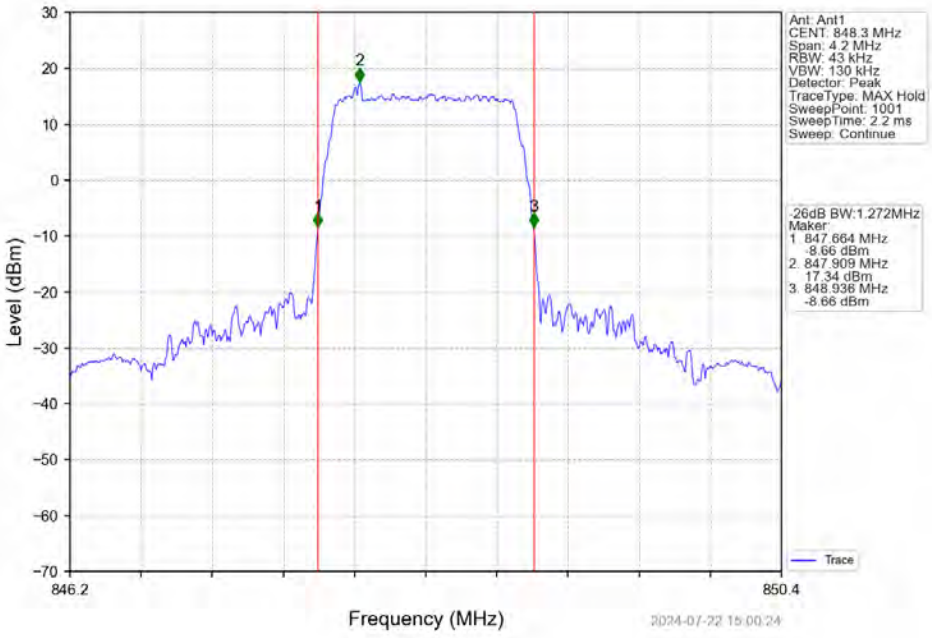
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



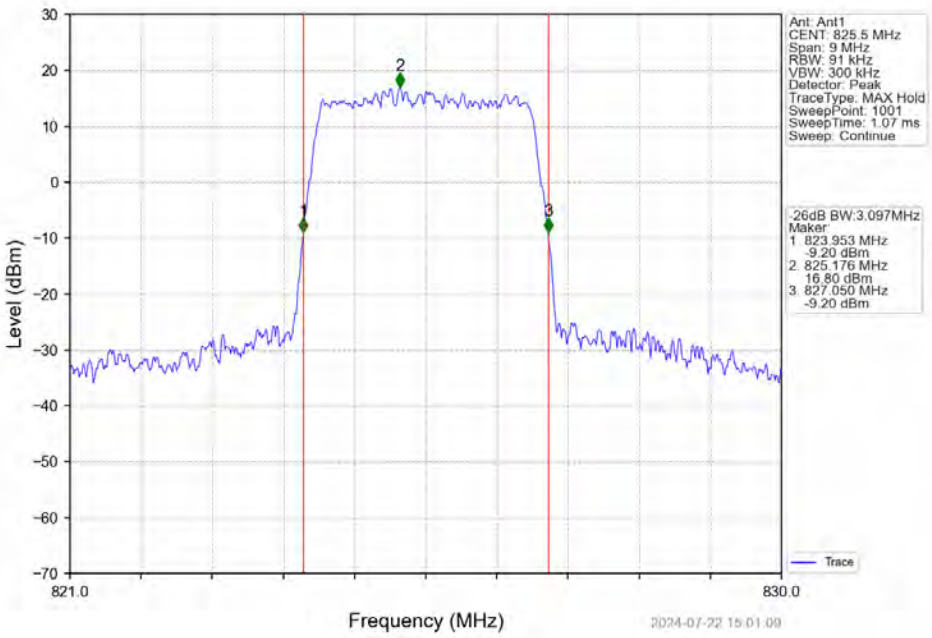
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



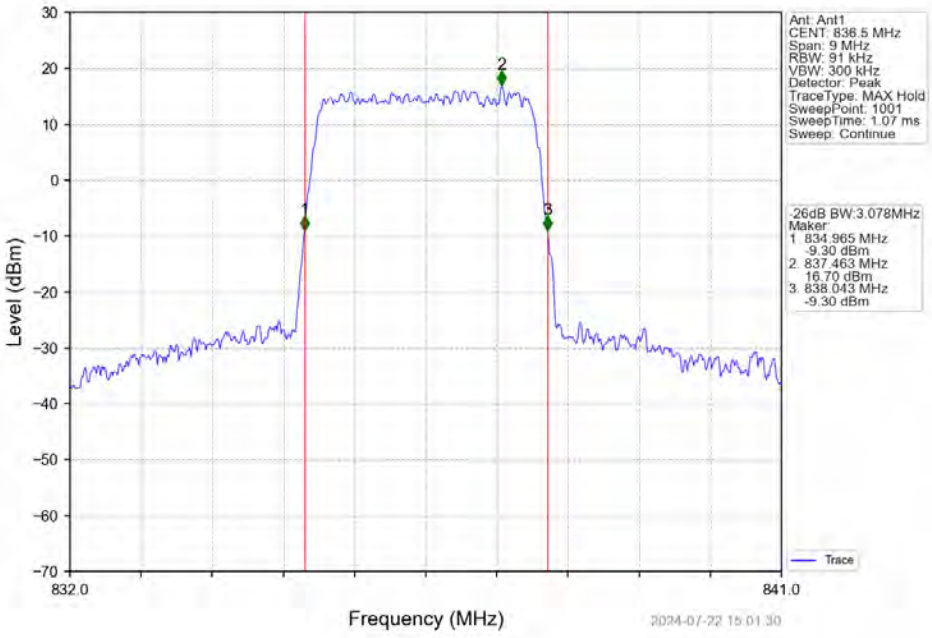
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



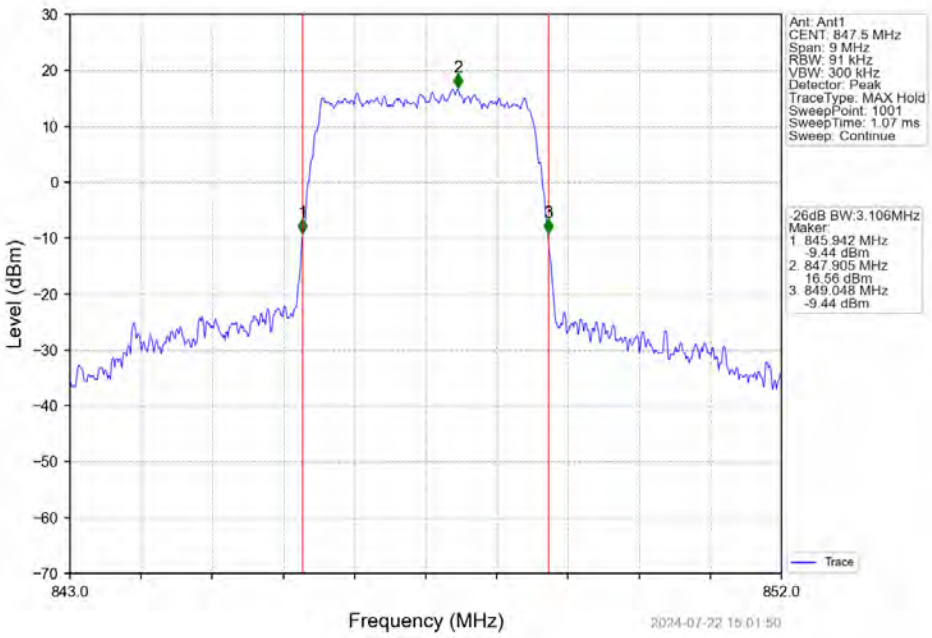
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



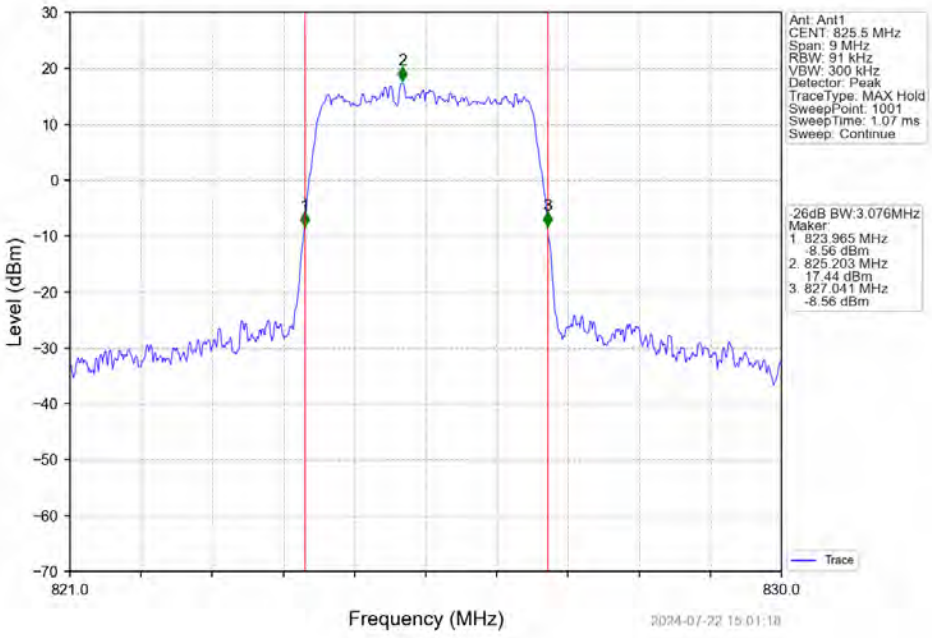
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



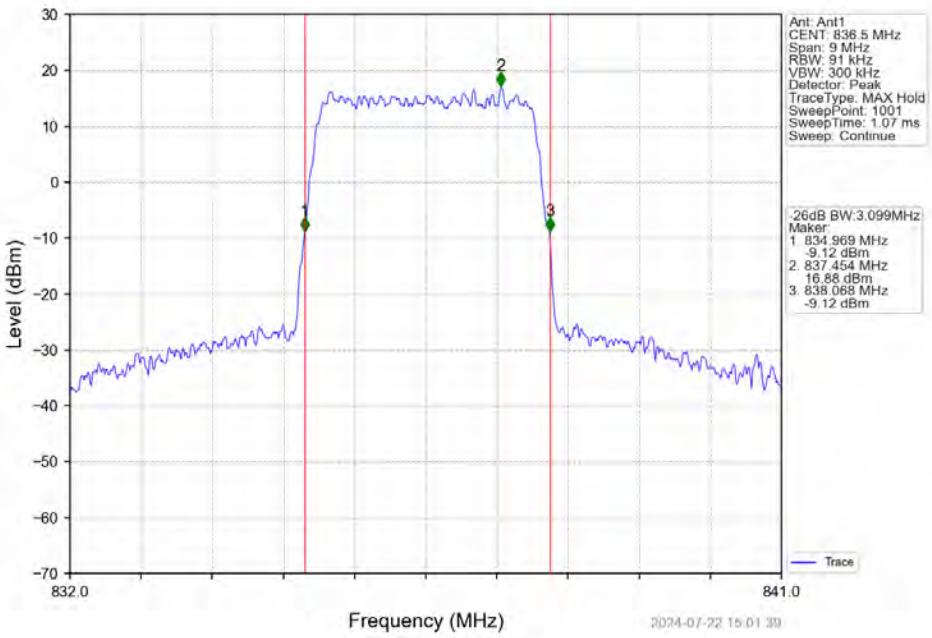
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



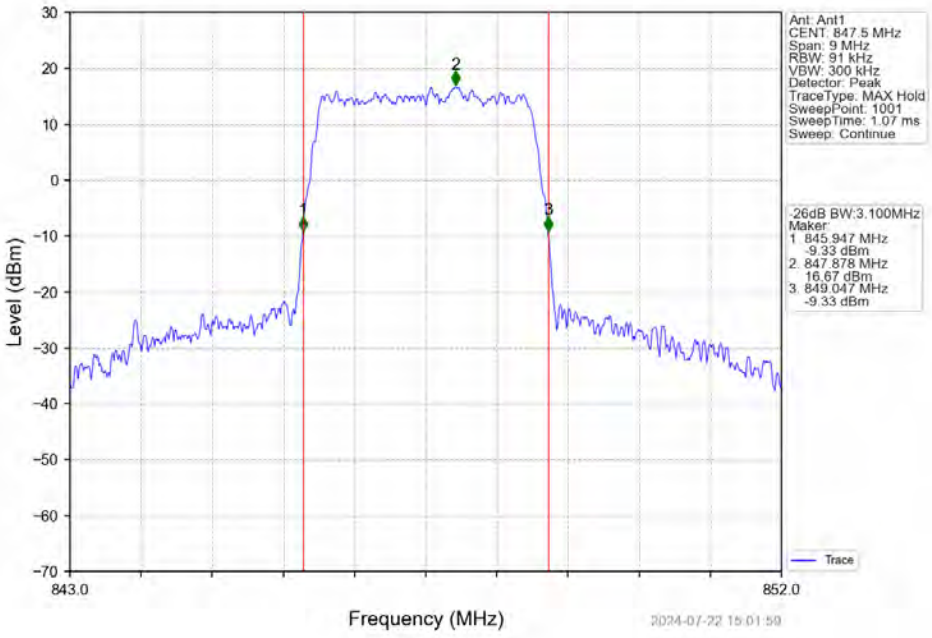
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



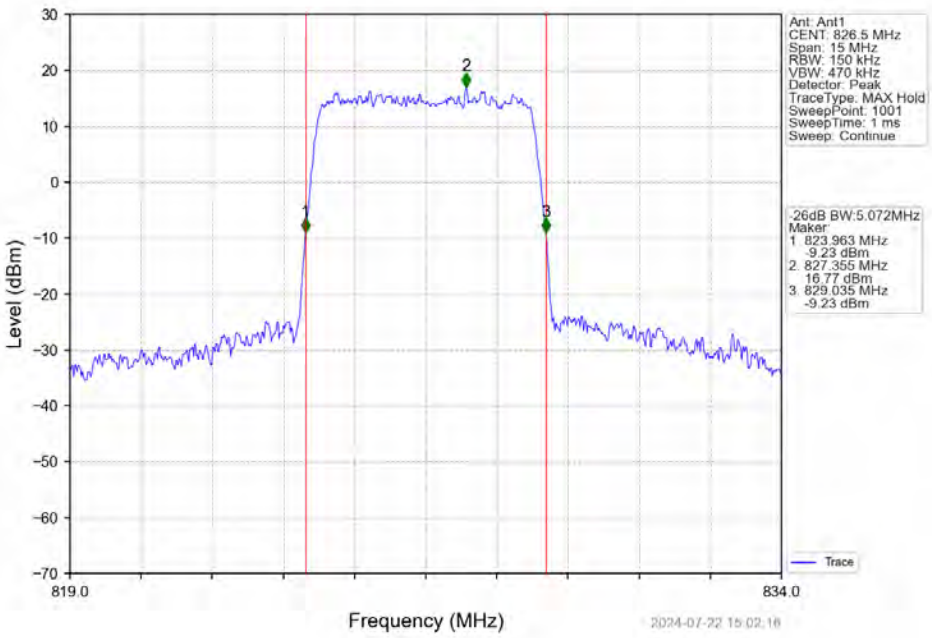
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



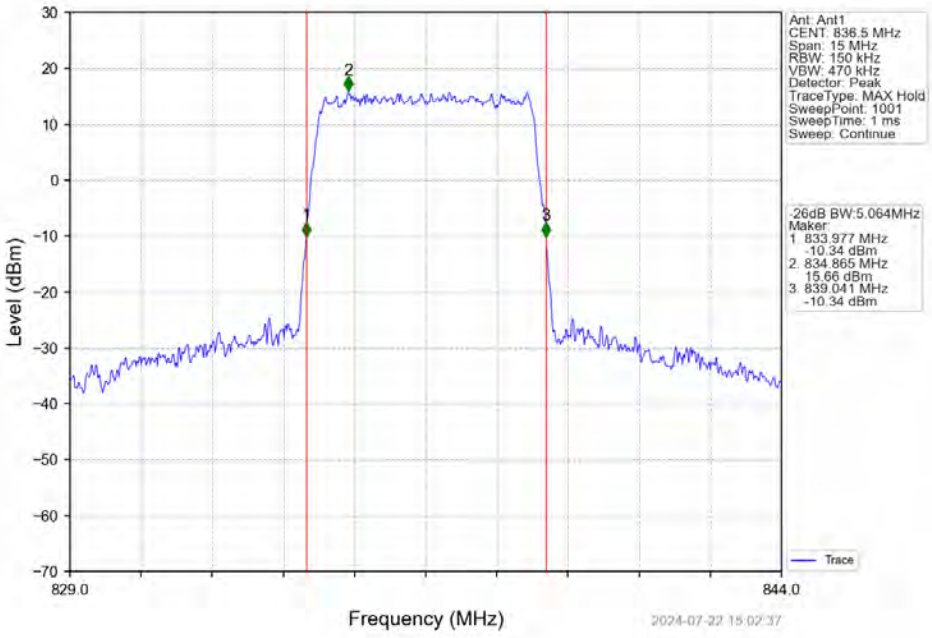
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



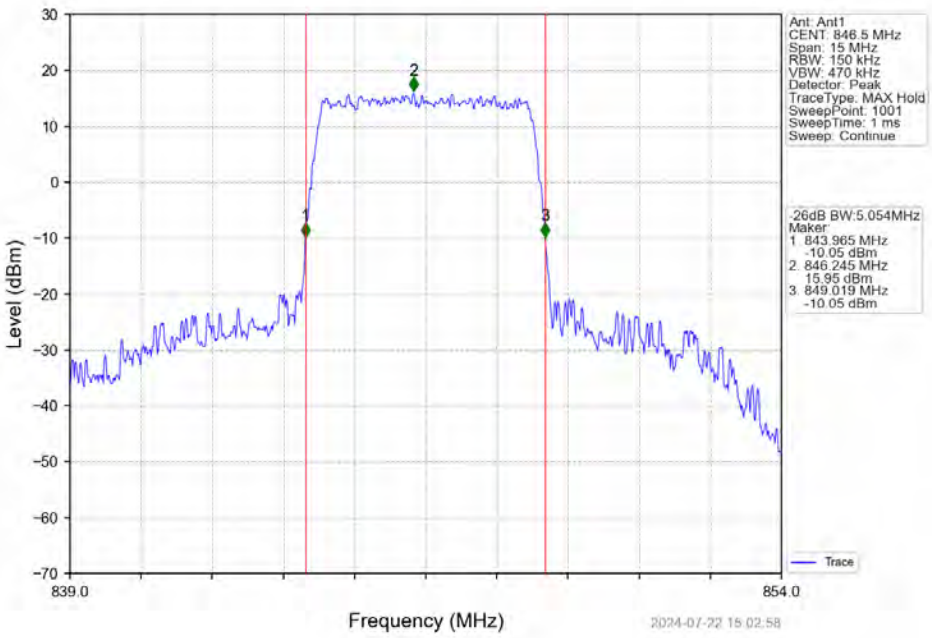
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



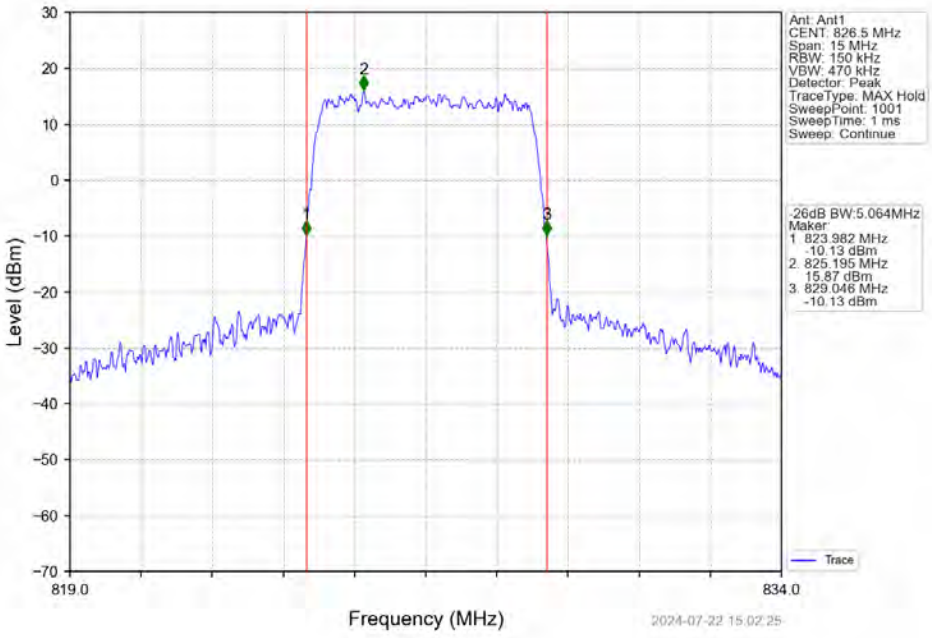
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



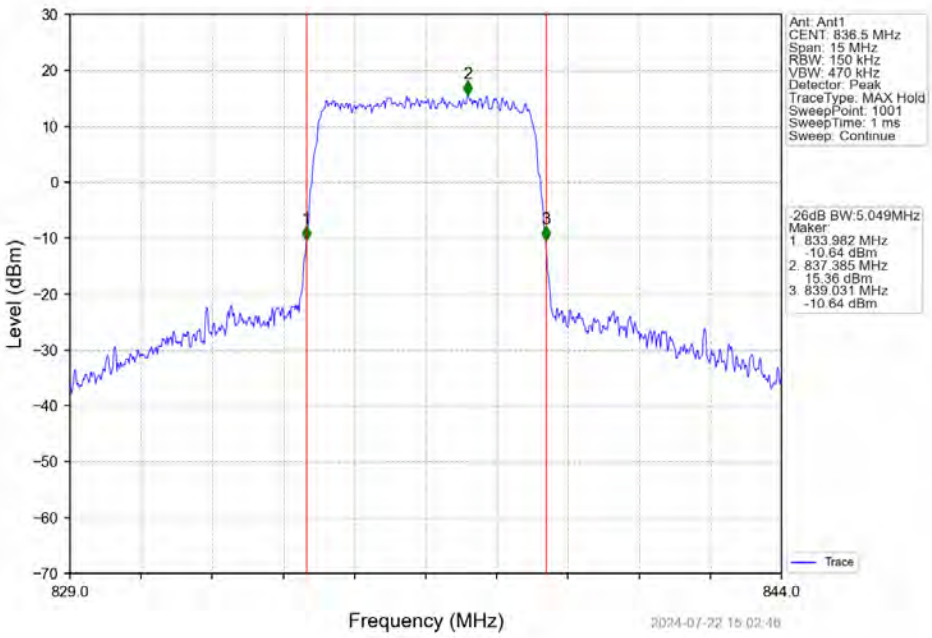
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



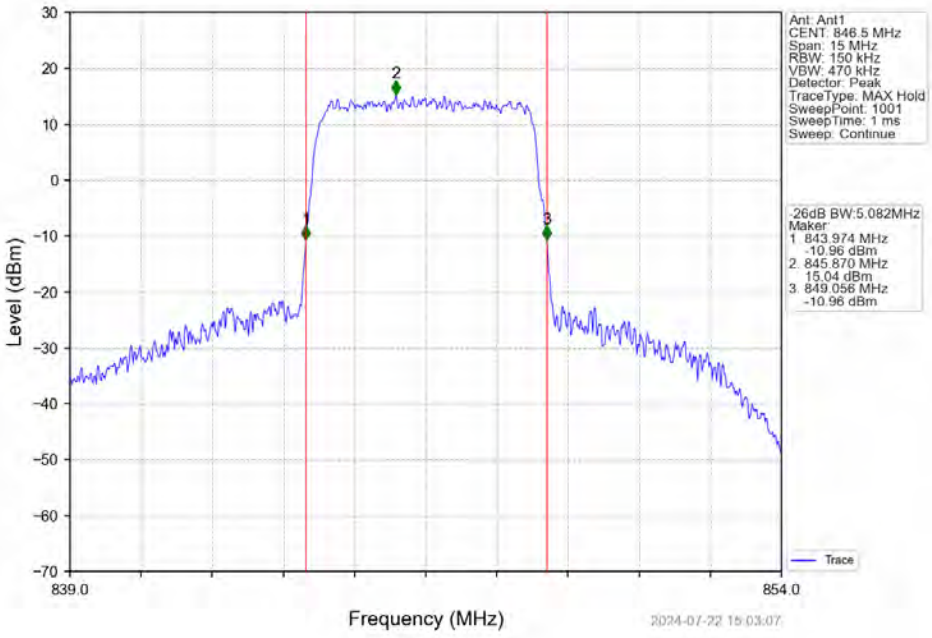
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



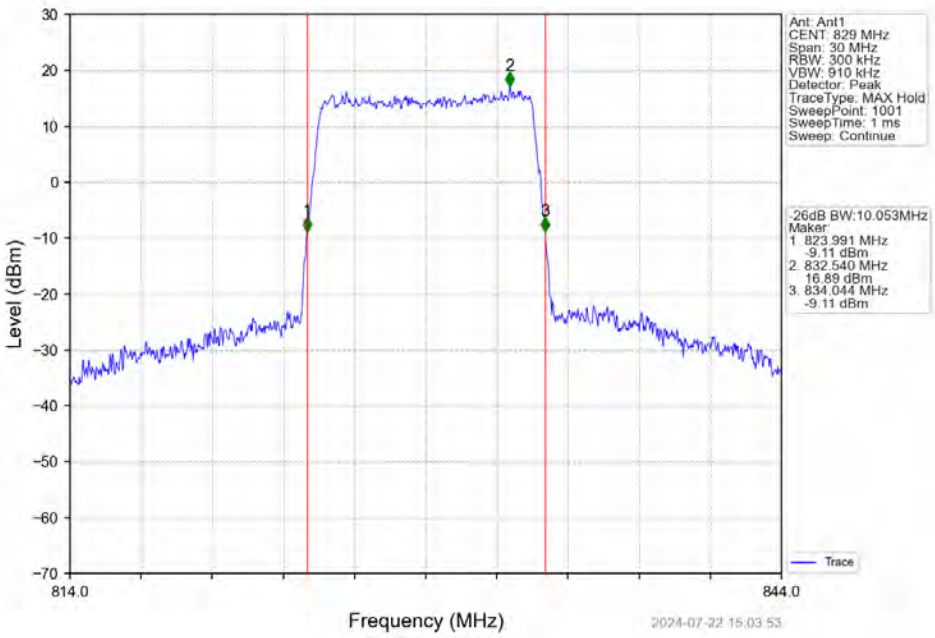
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



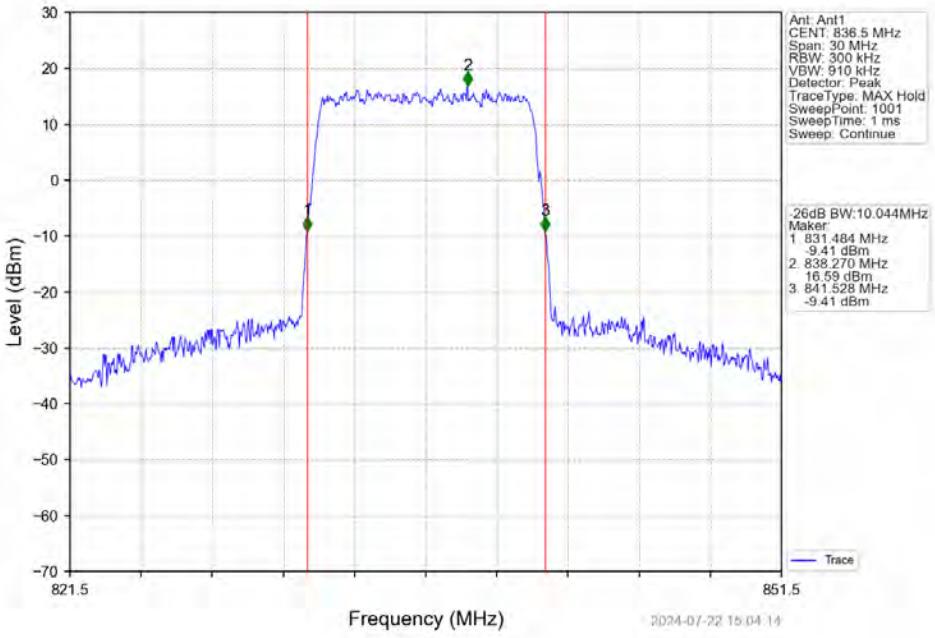
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



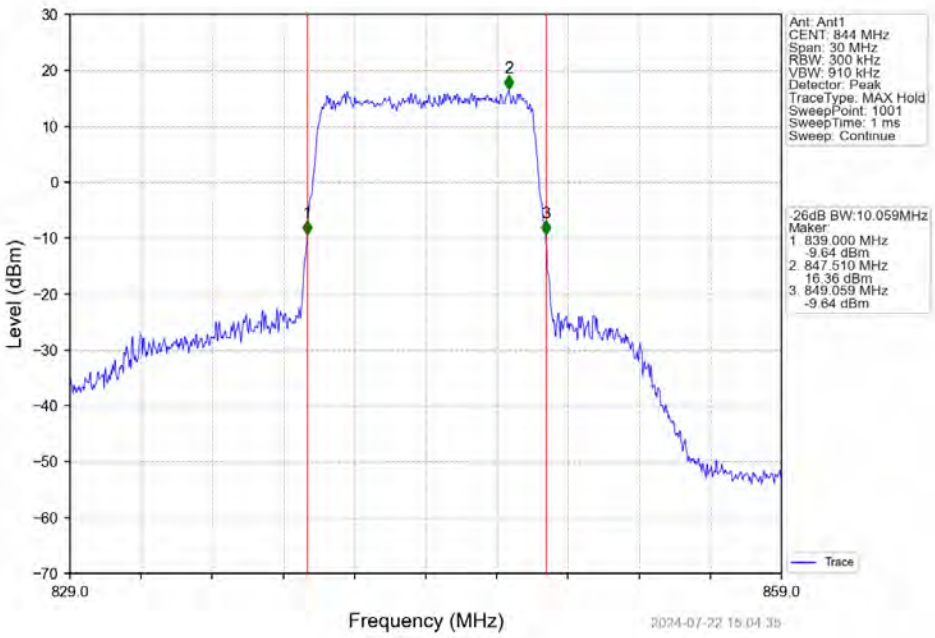
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



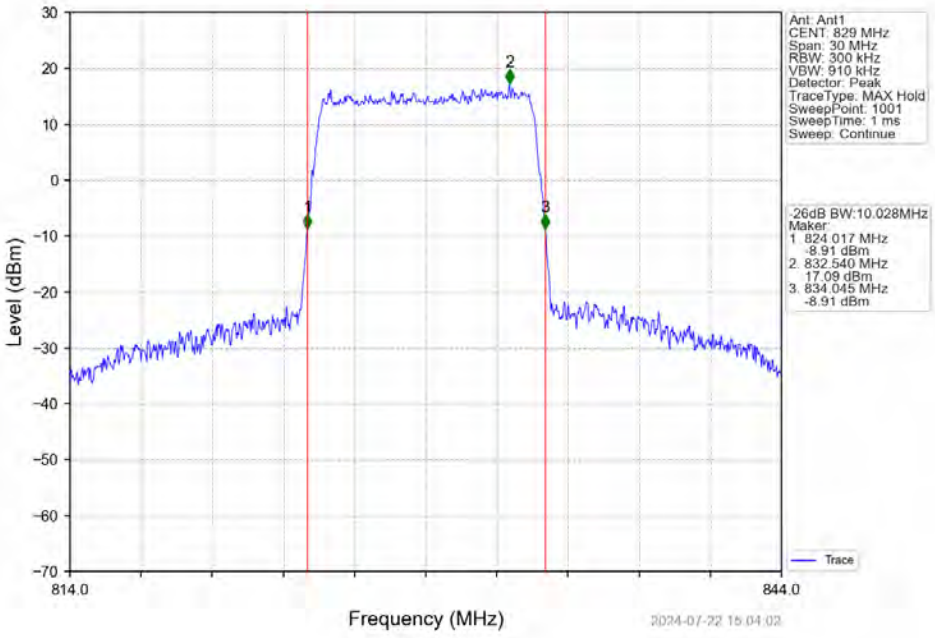
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



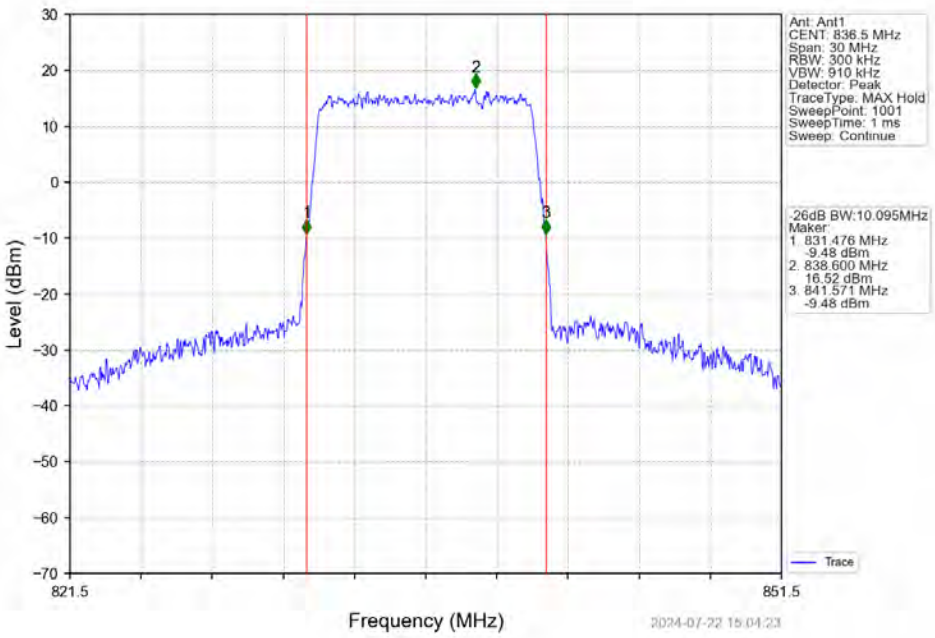
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



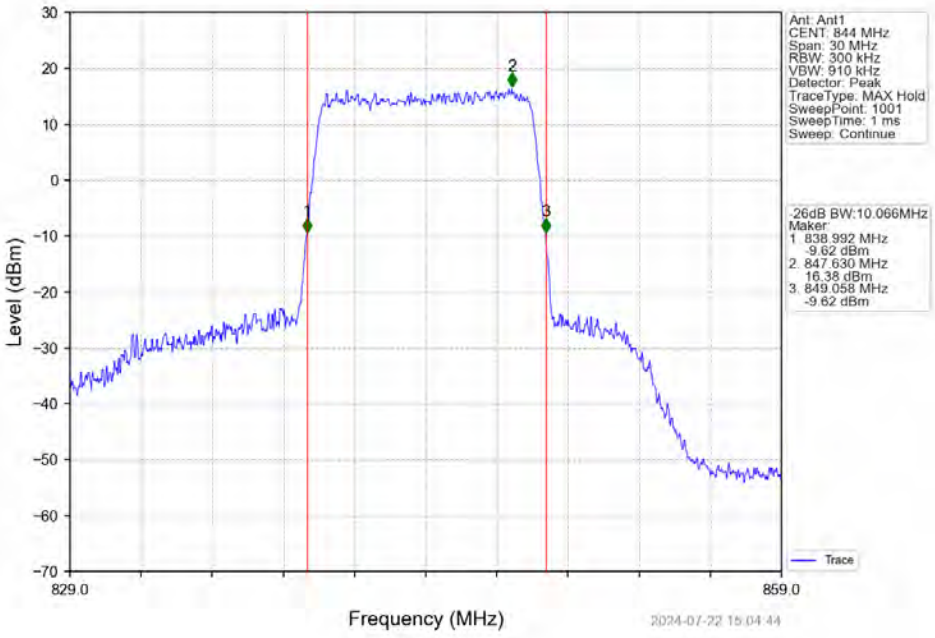
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.82	<=13	Pass
	836.5	6	0	5.66	<=13	Pass
	848.3	6	0	5.65	<=13	Pass
16QAM	824.7	6	0	6.52	<=13	Pass
	836.5	6	0	6.41	<=13	Pass
	848.3	6	0	6.36	<=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	5.80	<=13	Pass
	836.5	15	0	5.67	<=13	Pass
	847.5	15	0	5.63	<=13	Pass
16QAM	825.5	15	0	6.57	<=13	Pass
	836.5	15	0	6.41	<=13	Pass
	847.5	15	0	6.39	<=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	5.73	<=13	Pass
	836.5	25	0	5.67	<=13	Pass
	846.5	25	0	5.59	<=13	Pass
16QAM	826.5	25	0	5.73	<=13	Pass
	836.5	25	0	5.64	<=13	Pass
	846.5	25	0	5.61	<=13	Pass

5.1.4 B5_10MHz

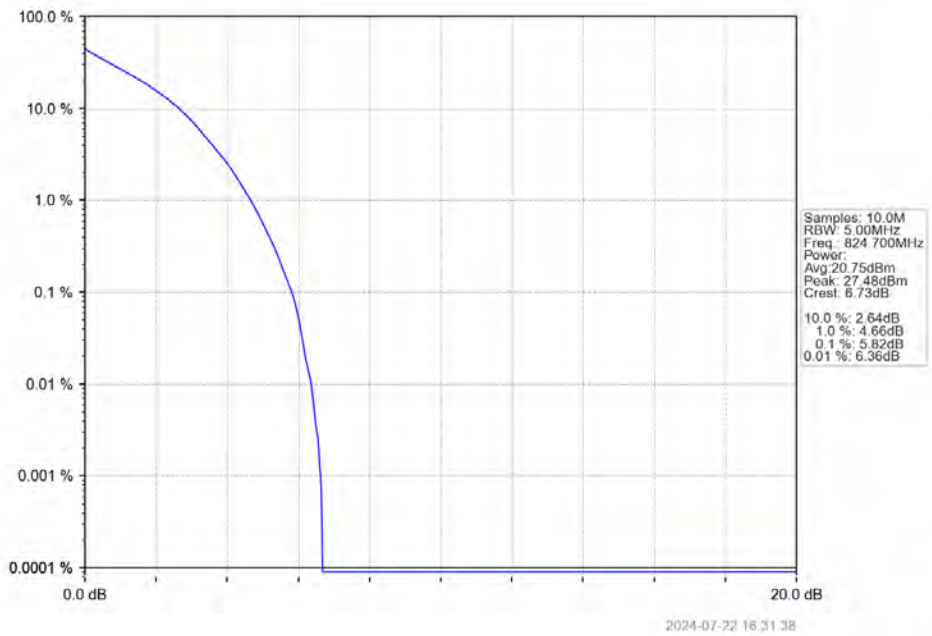
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.82	<=13	Pass
	836.5	50	0	5.69	<=13	Pass
	844	50	0	5.74	<=13	Pass
16QAM	829	50	0	6.45	<=13	Pass
	836.5	50	0	6.41	<=13	Pass

	844	50	0	6.45	<=13	Pass

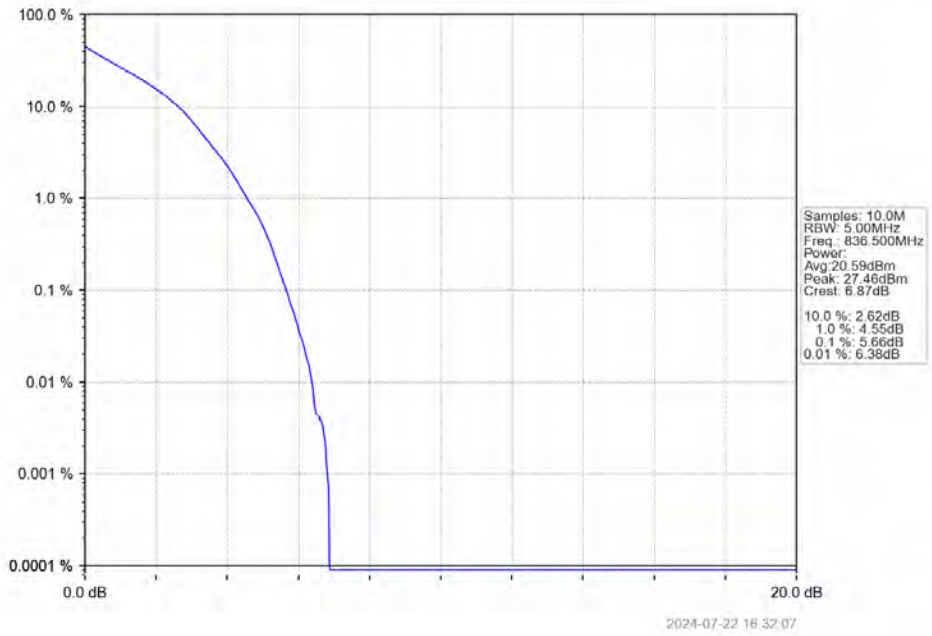
5.2 Test Graph

5.2.1 B5_1.4MHz

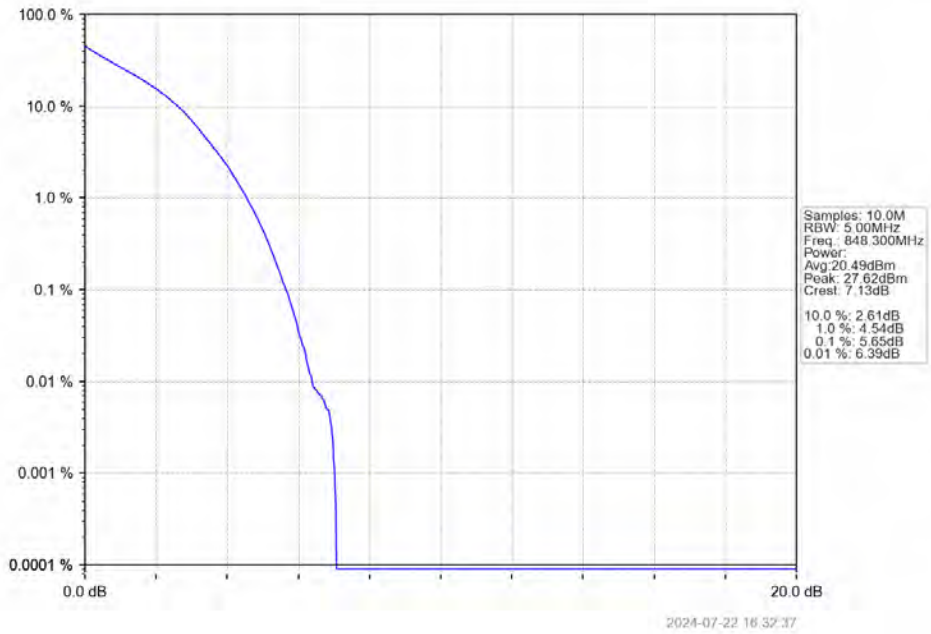
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



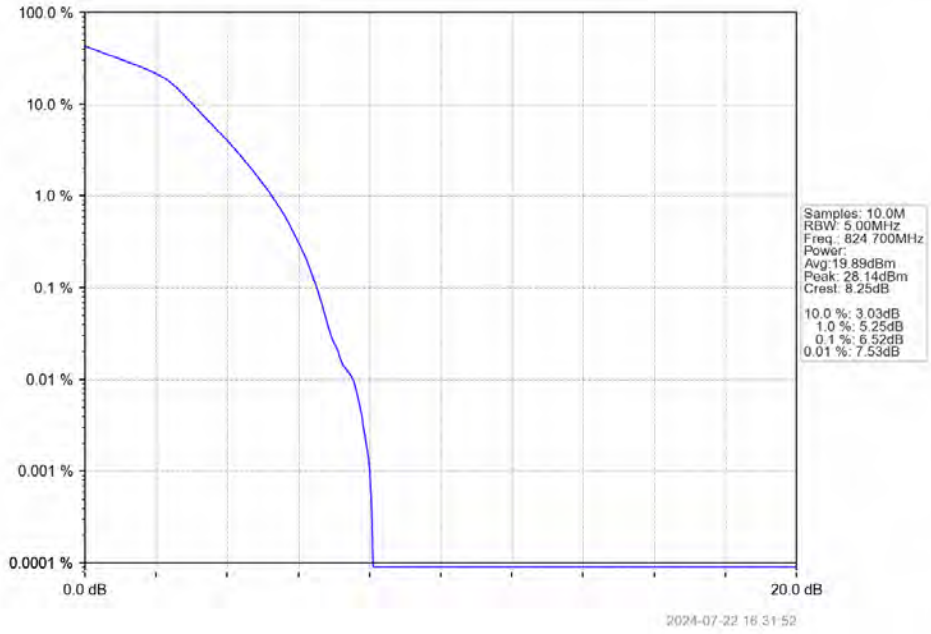
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



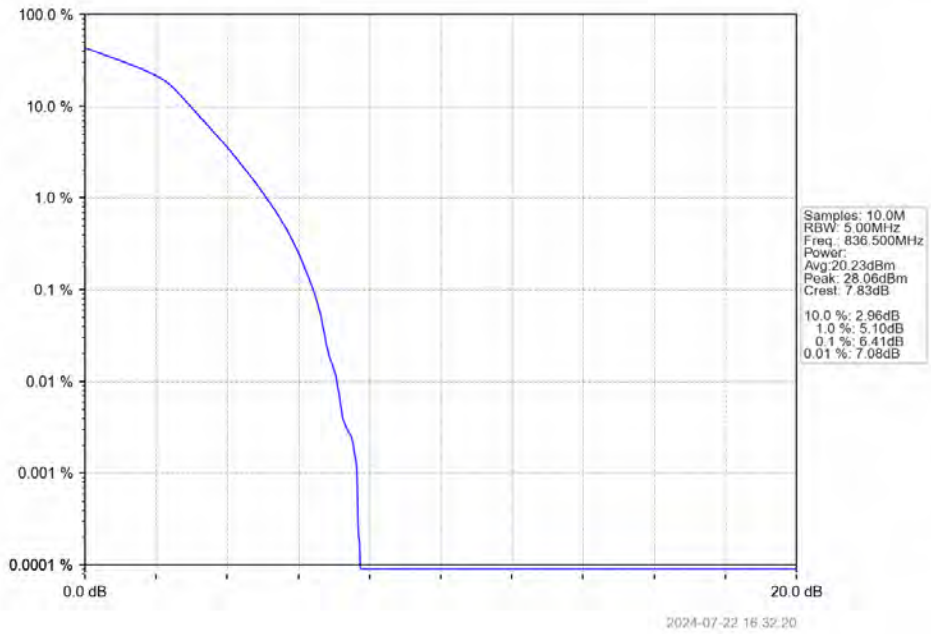
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



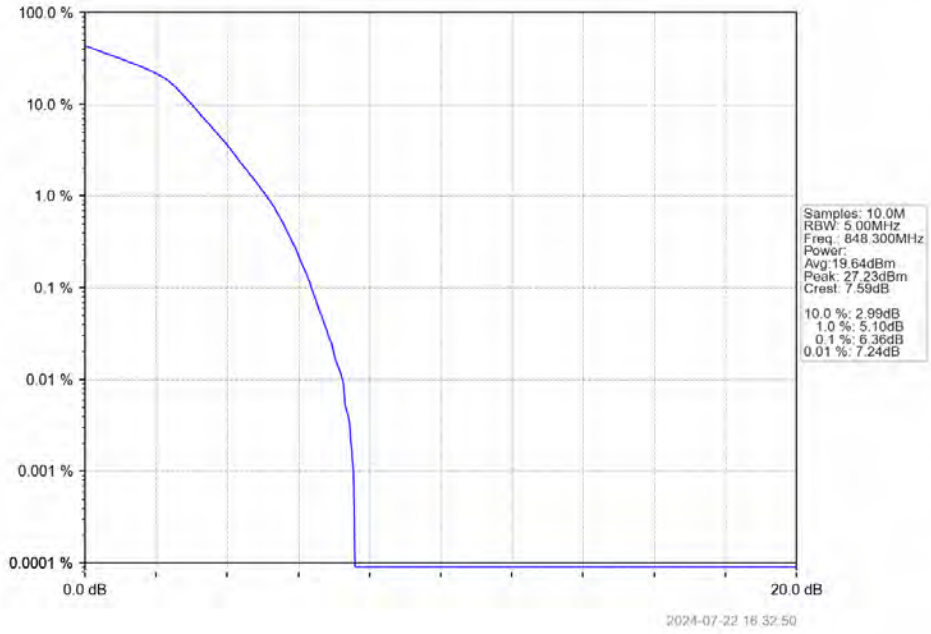
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

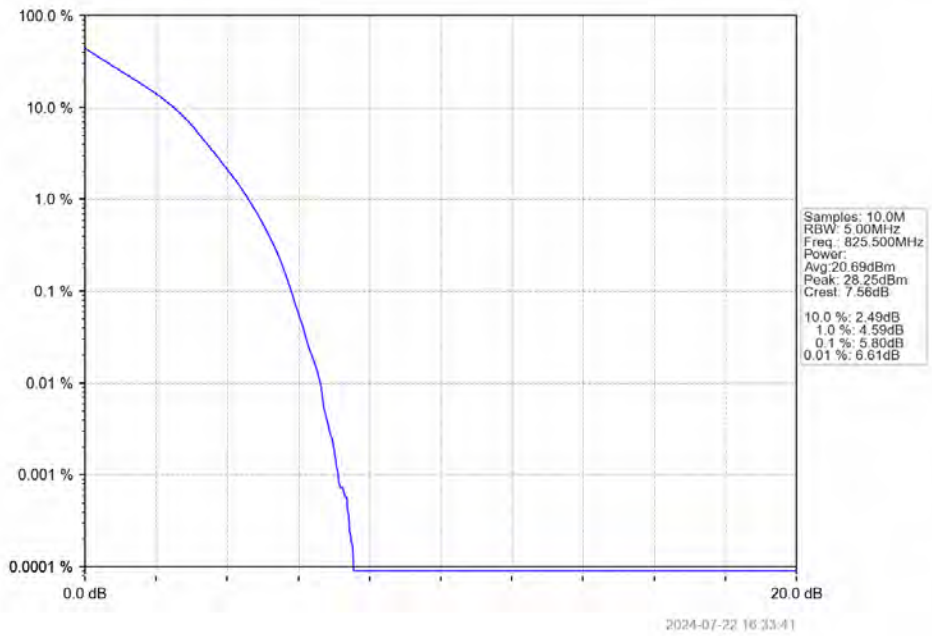


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

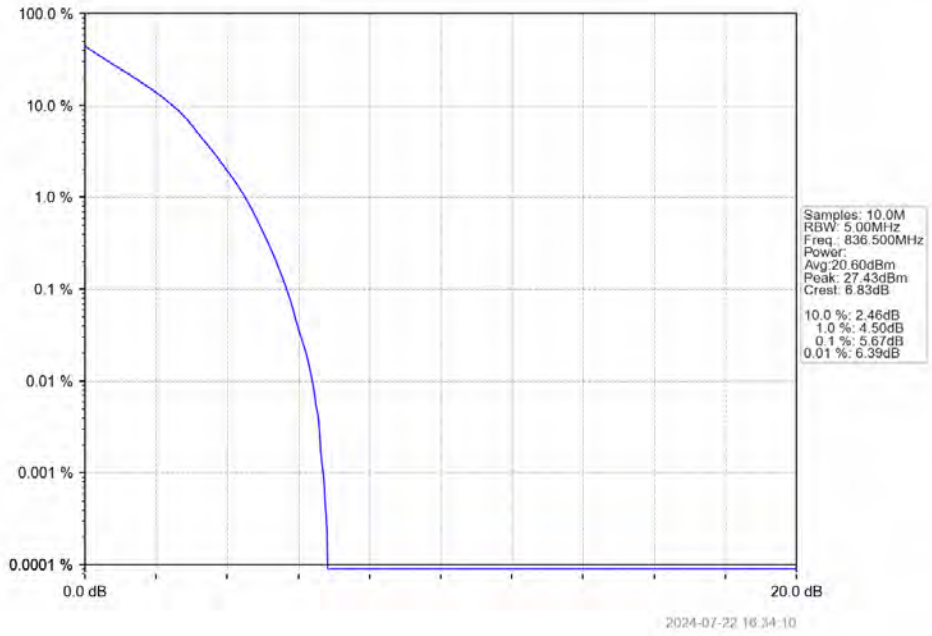


5.2.2 B5_3MHz

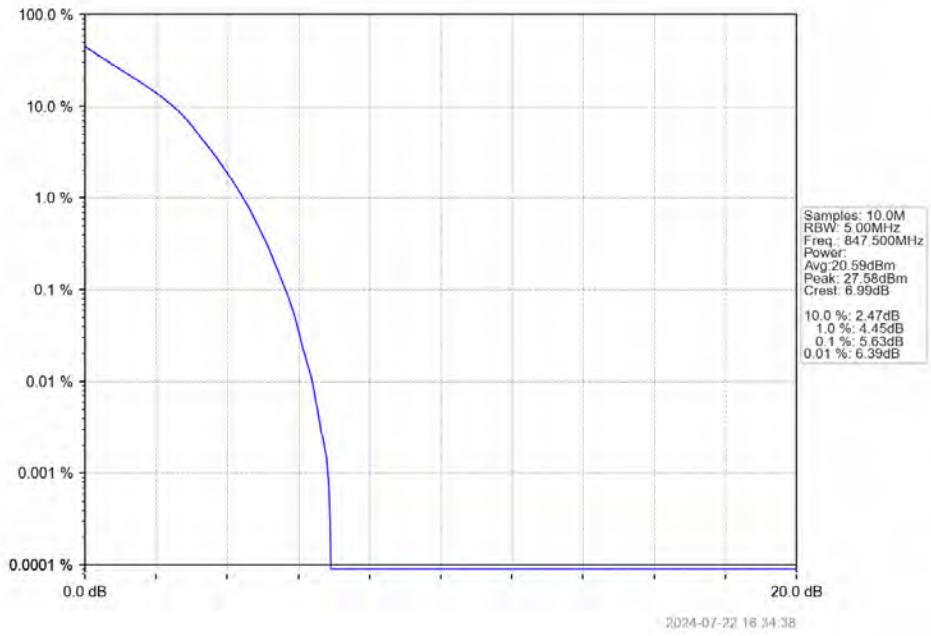
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



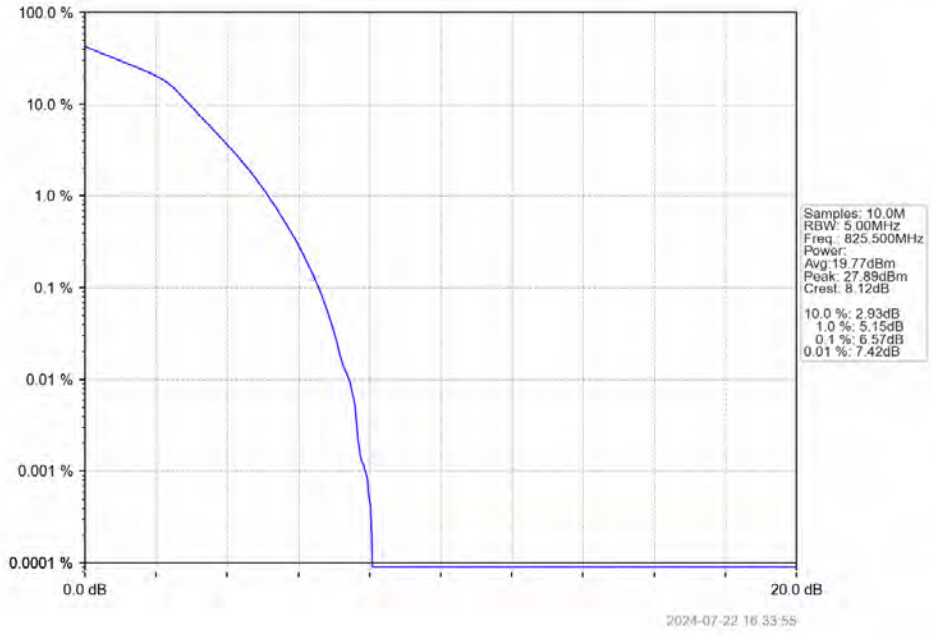
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



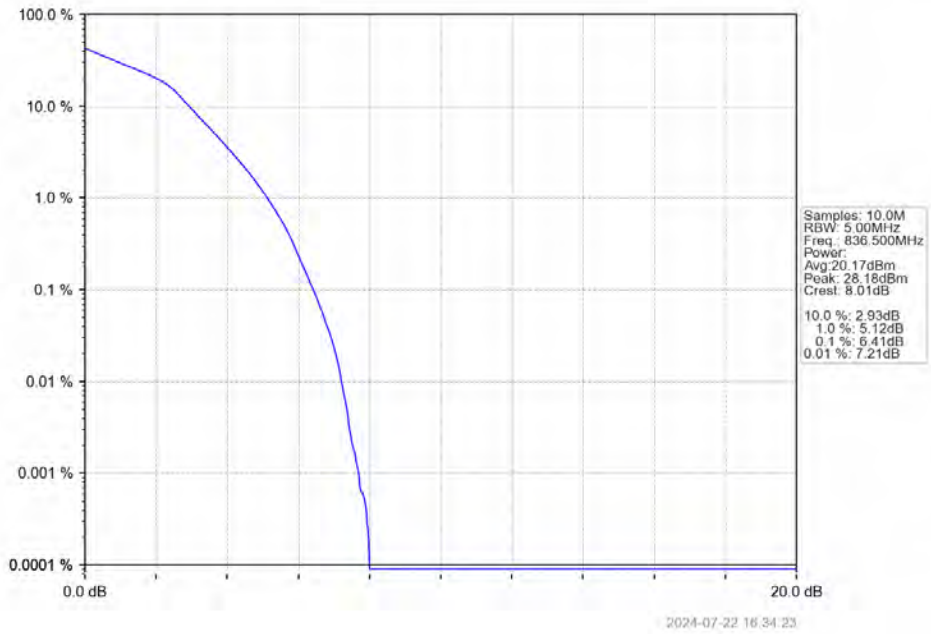
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



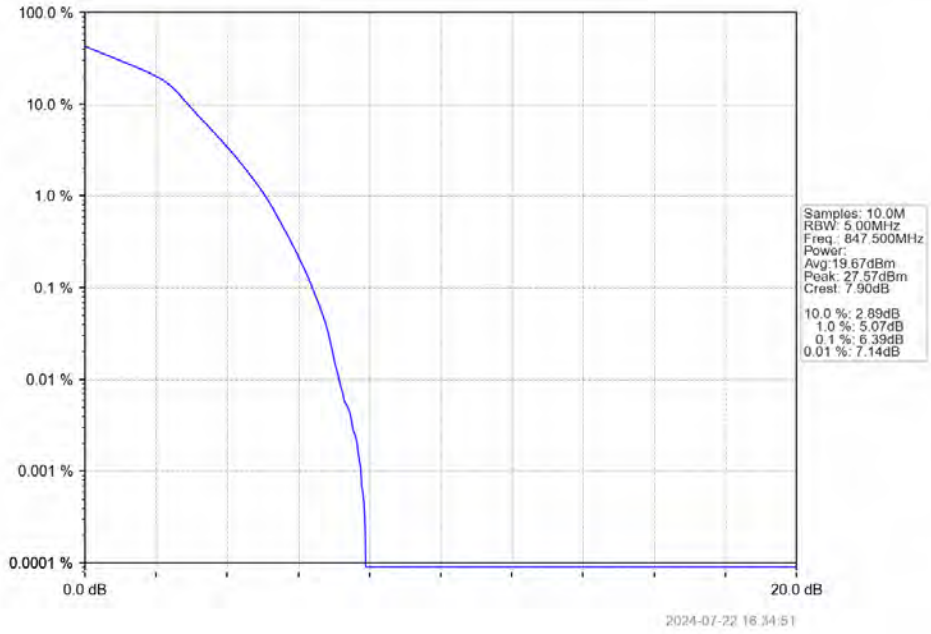
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



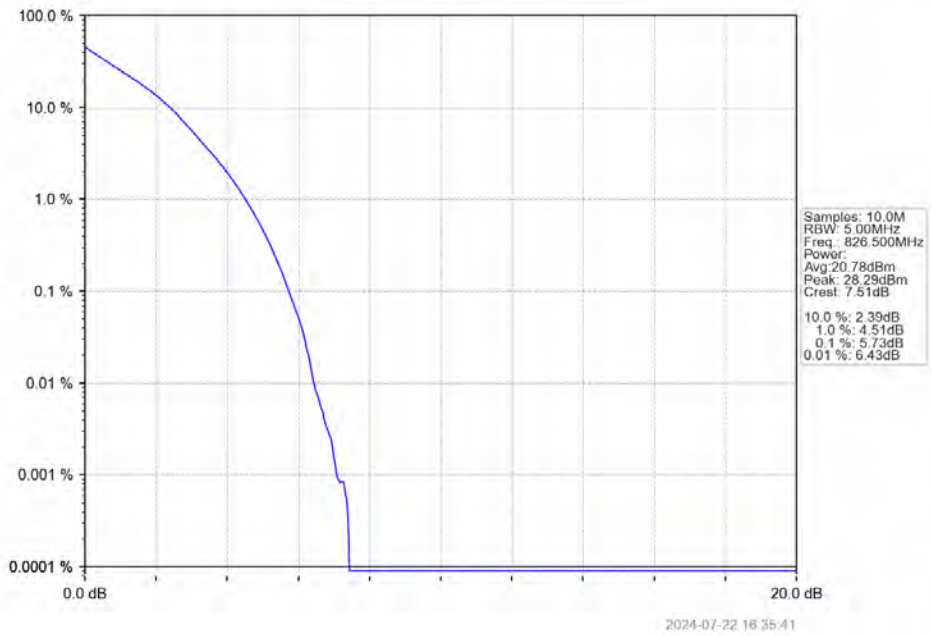
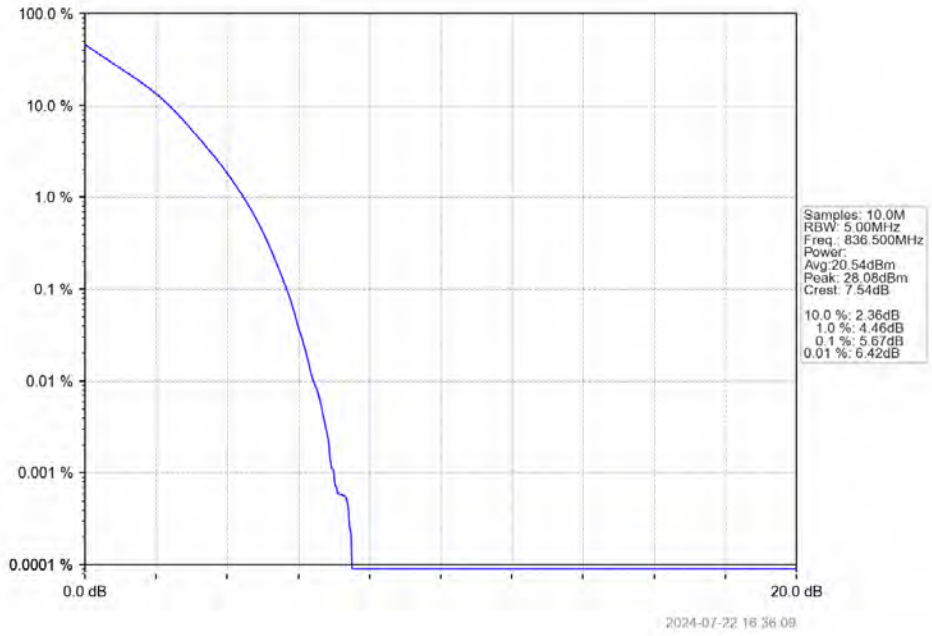
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



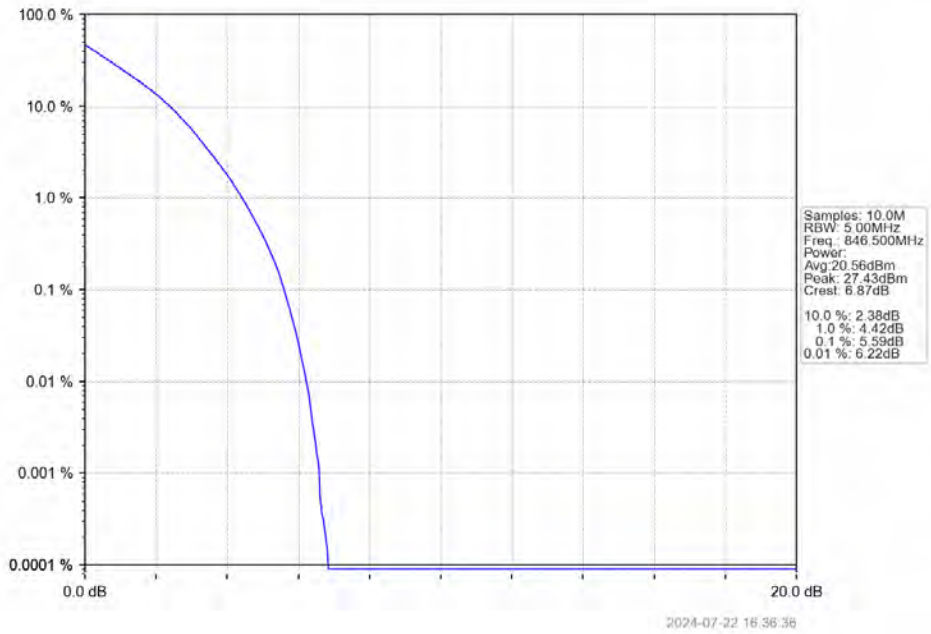
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



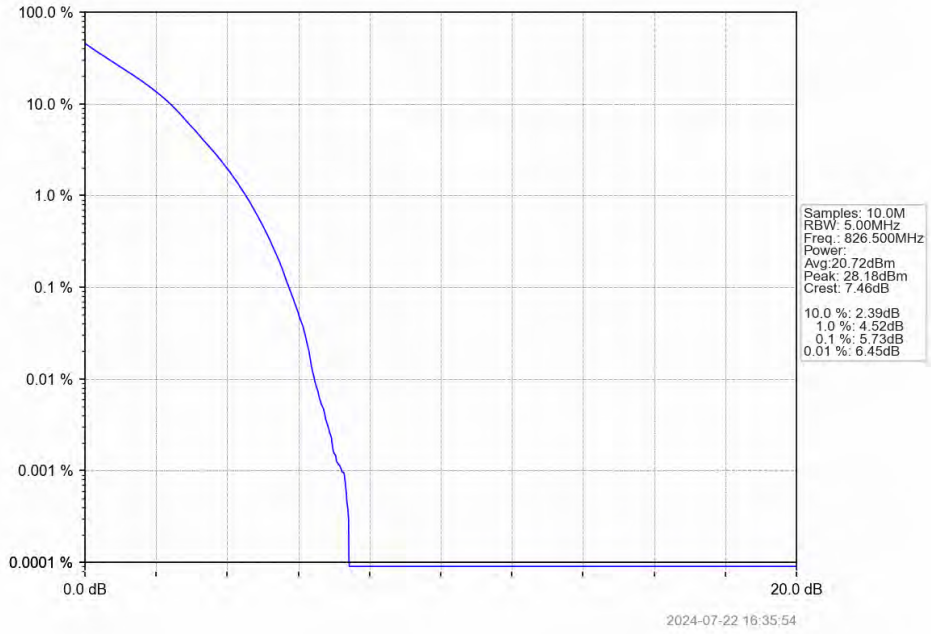
5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV


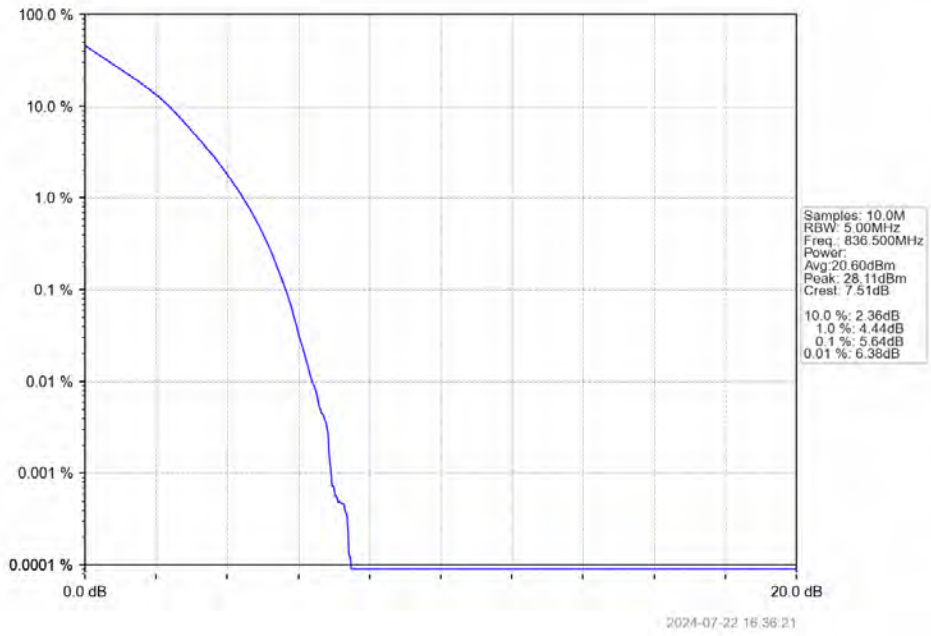
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



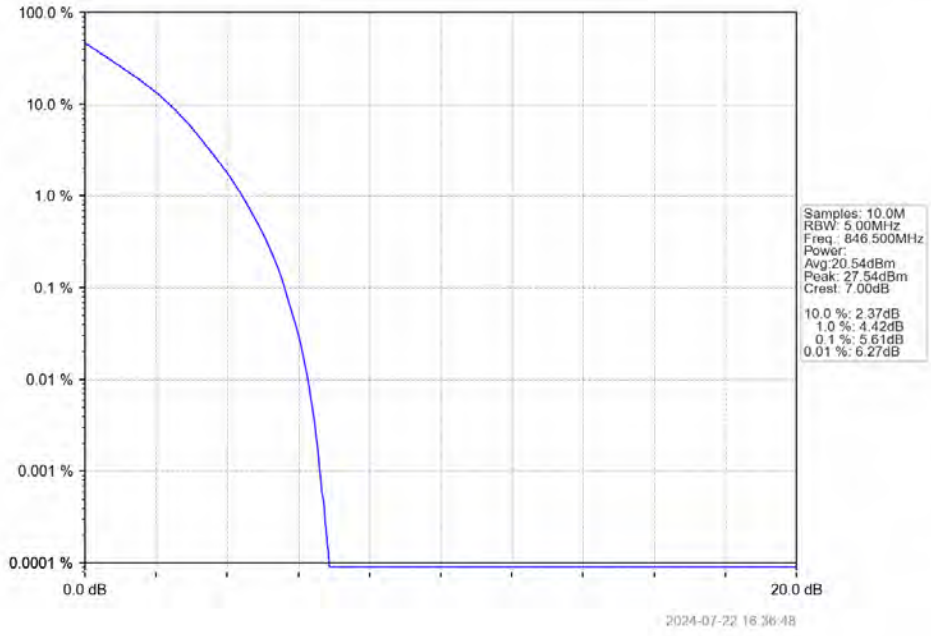
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



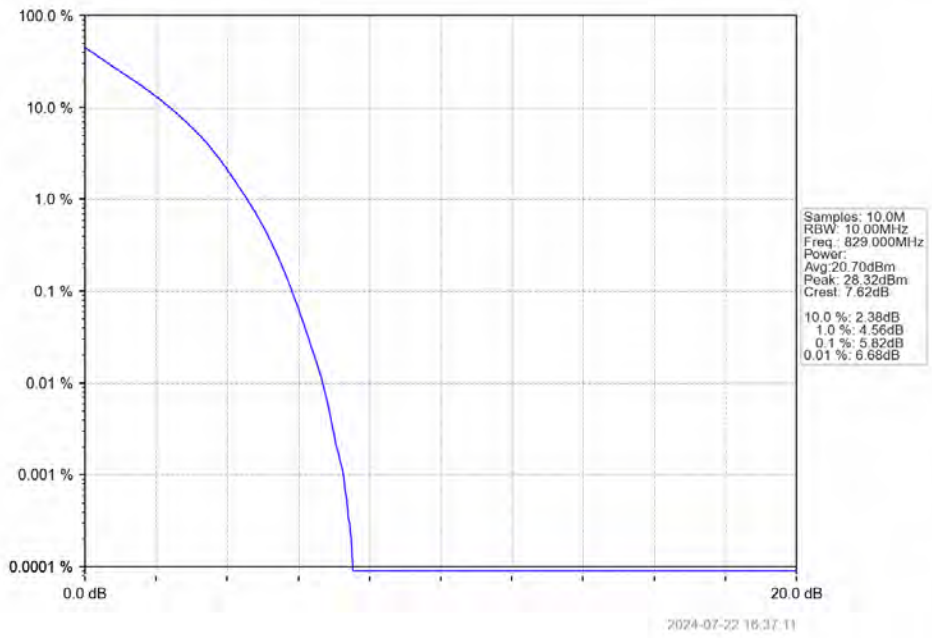
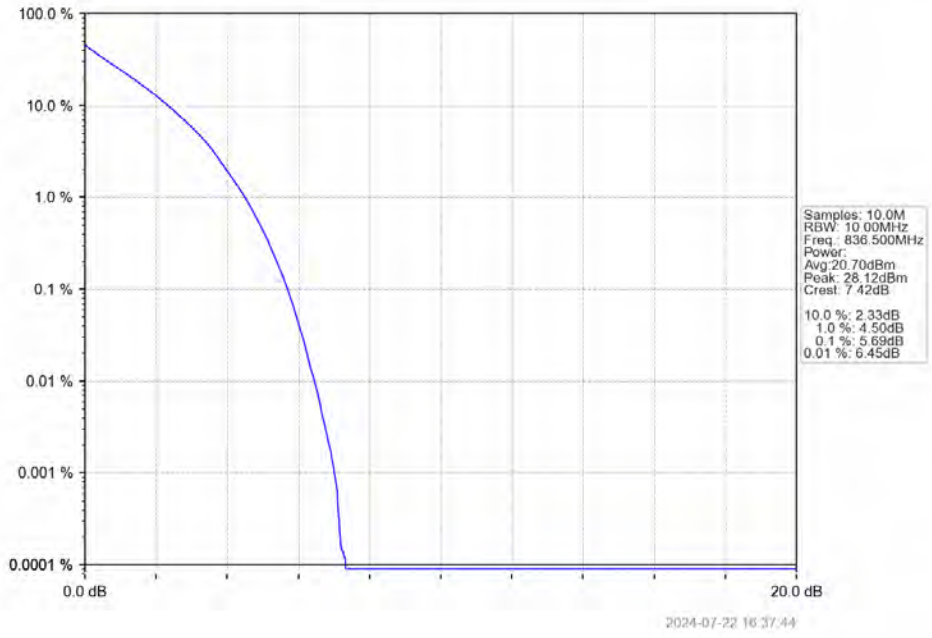
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



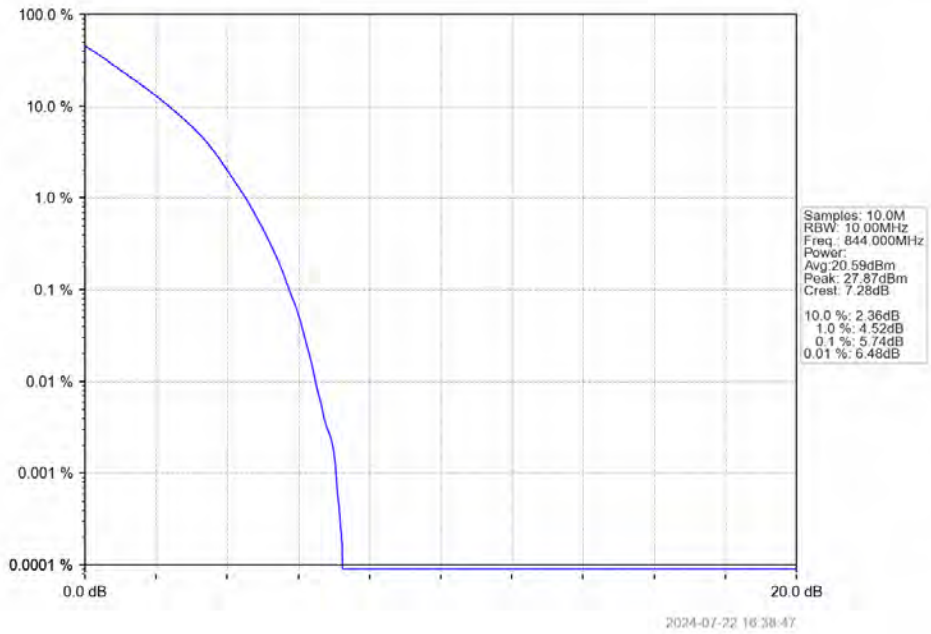
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



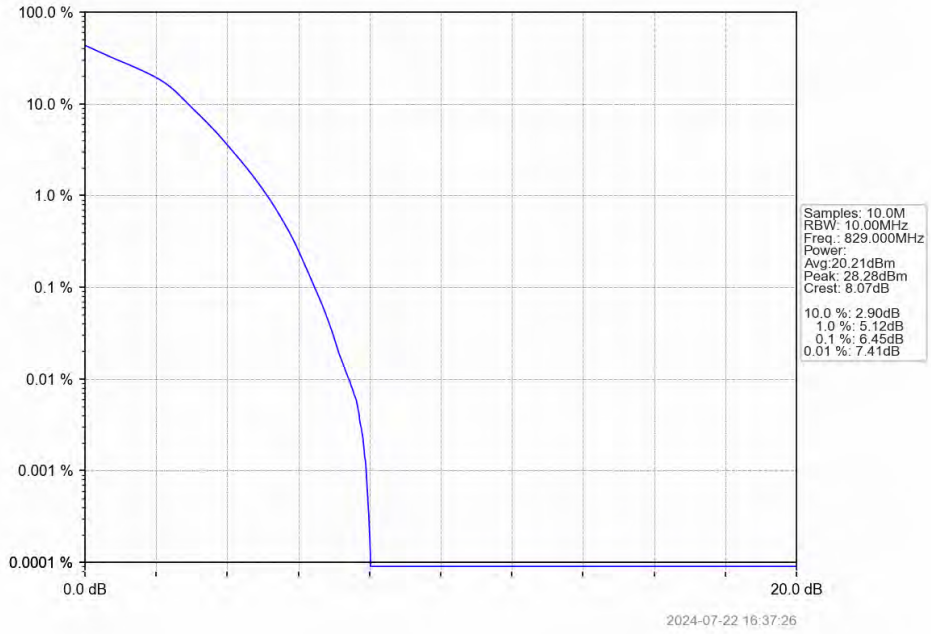
5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV


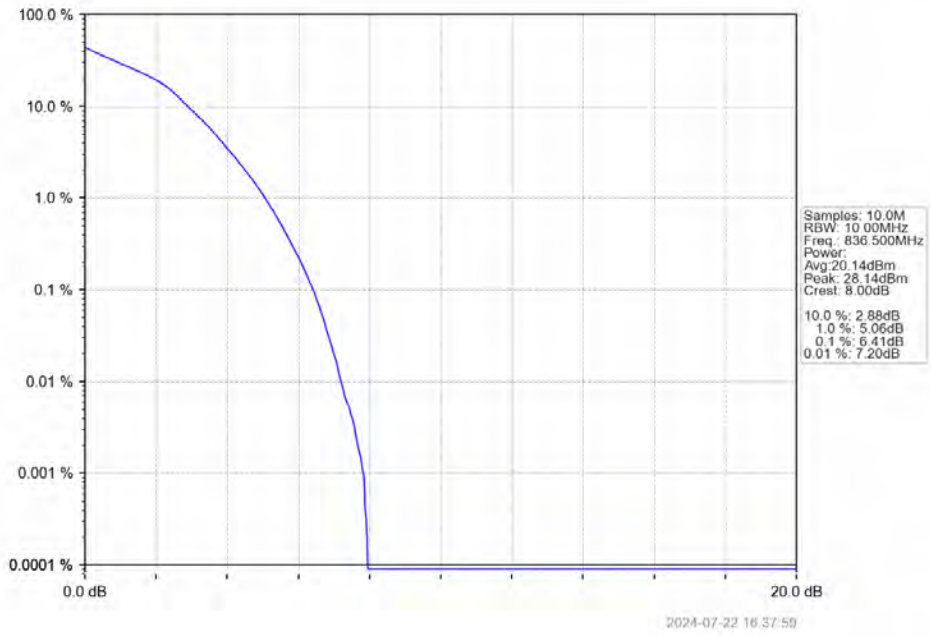
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



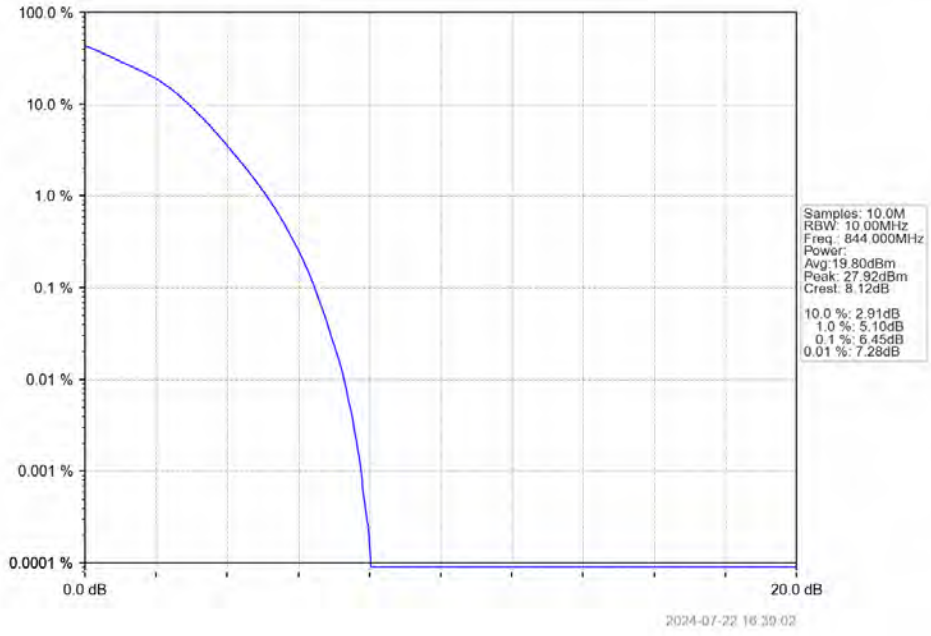
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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

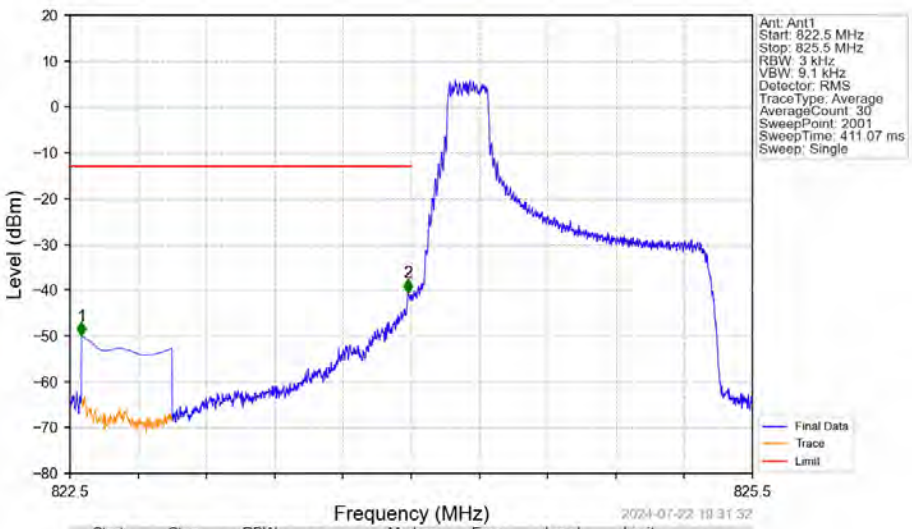
6.1.4 B5_10MHz

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

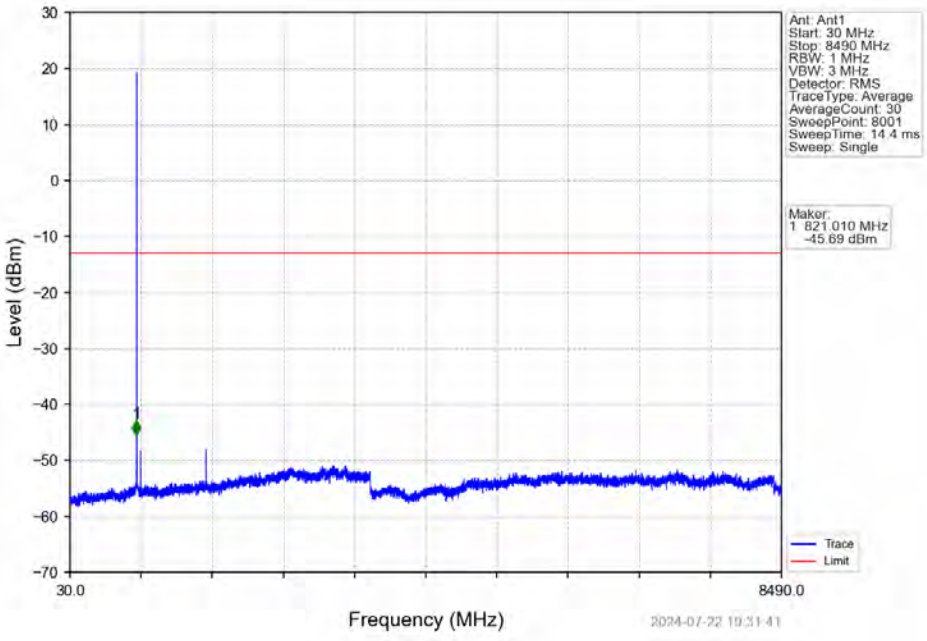
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

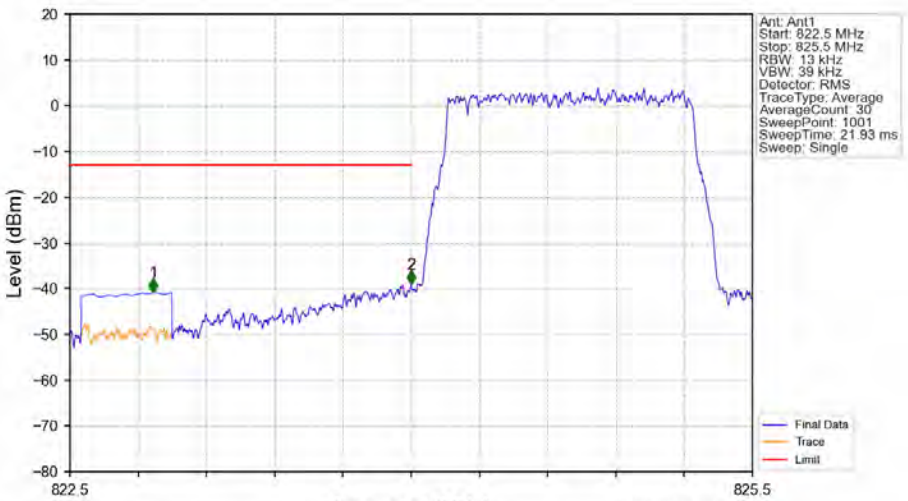


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-50.04	-13	Pass
823	824	0.003	/	2	823.986	-40.58	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

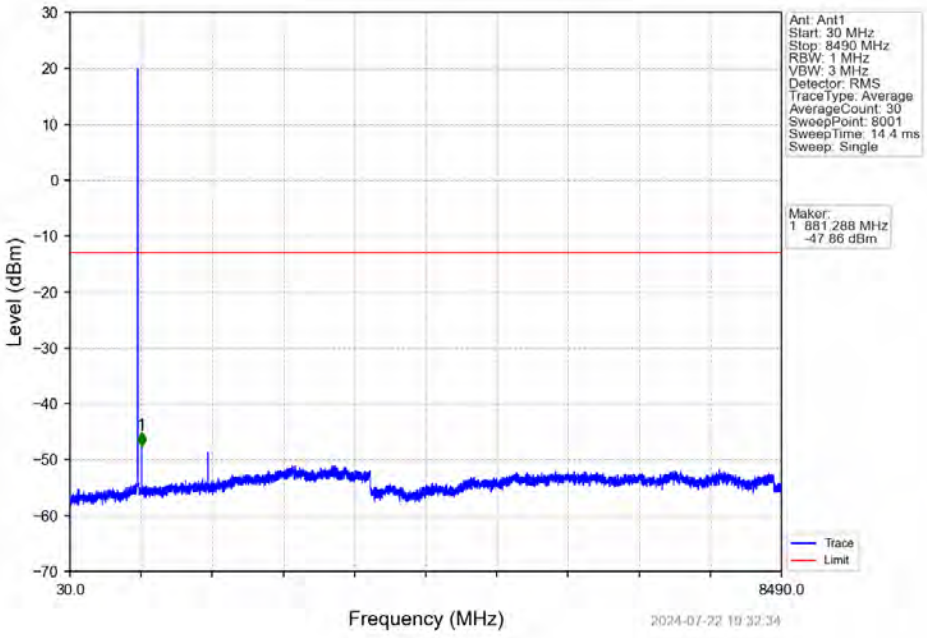


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

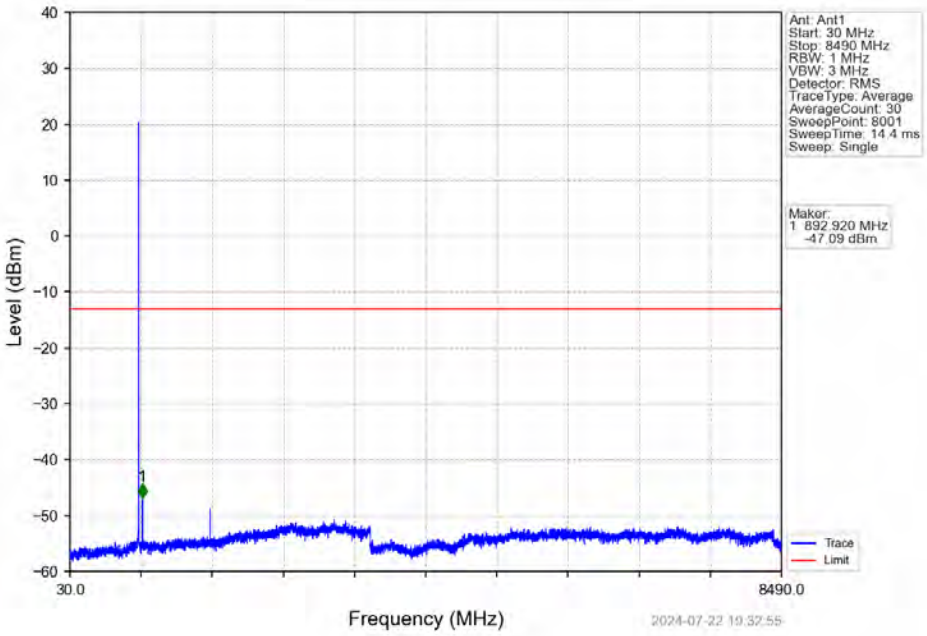


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.866	-40.89	-13	Pass
823	824	0.013	/	2	824.000	-39.13	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

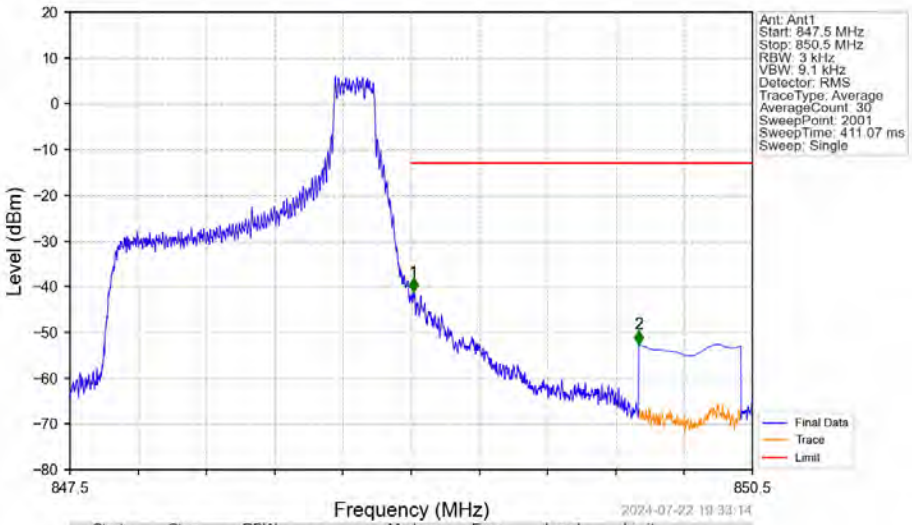
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

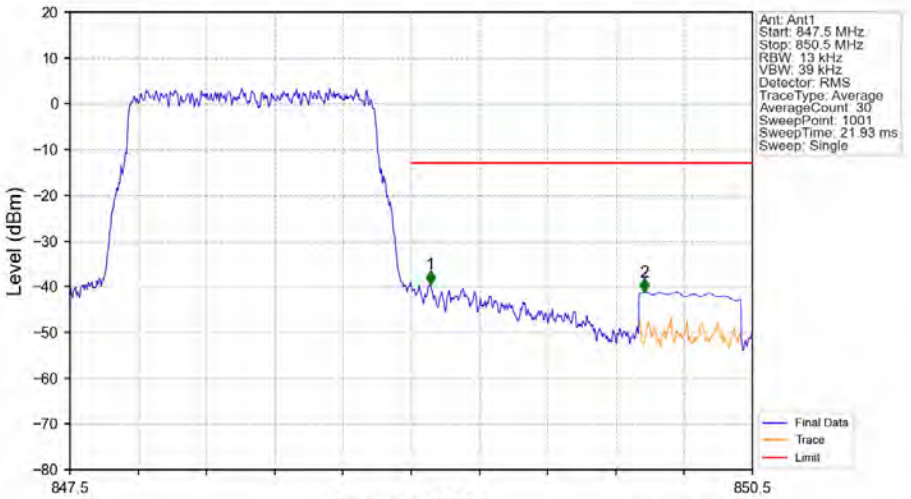


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



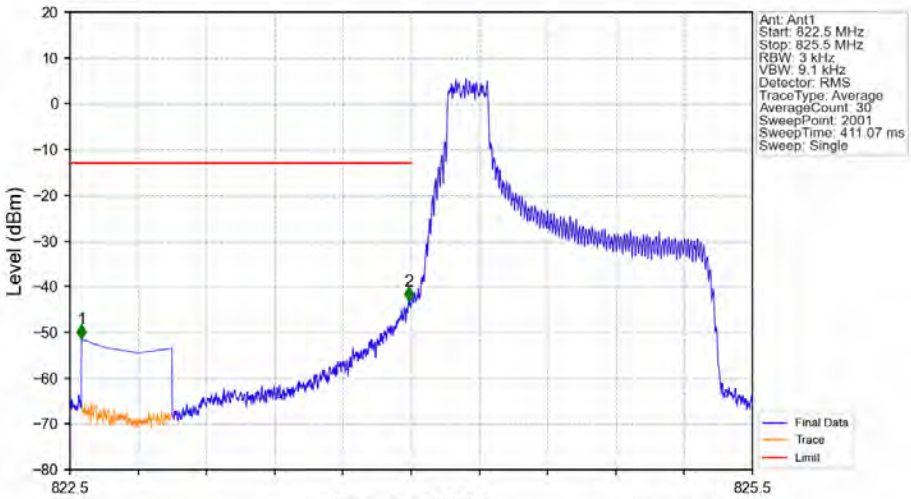
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-41.24	-13	Pass
850	850.5	0.1	CHP	2	850.000	-52.59	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



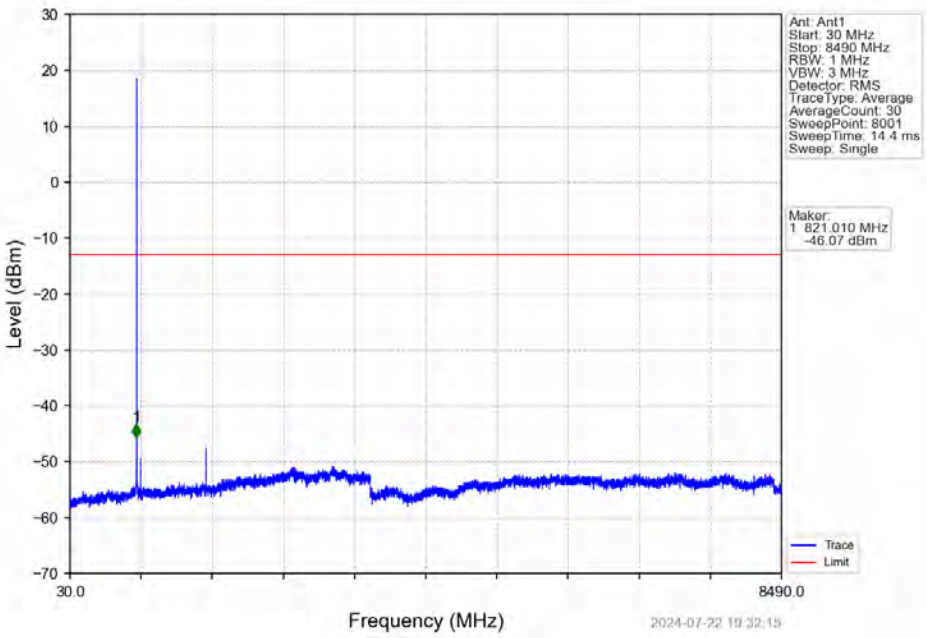
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.084	-39.55	-13	Pass
850	850.5	0.1	CHP	2	850.026	-41.20	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

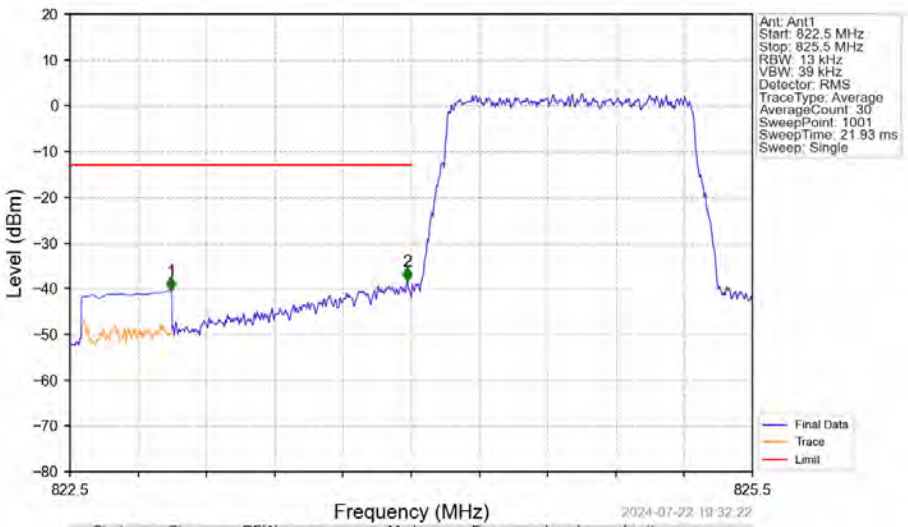


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-51.50	-13	Pass
823	824	0.003	/	2	823.990	-43.17	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

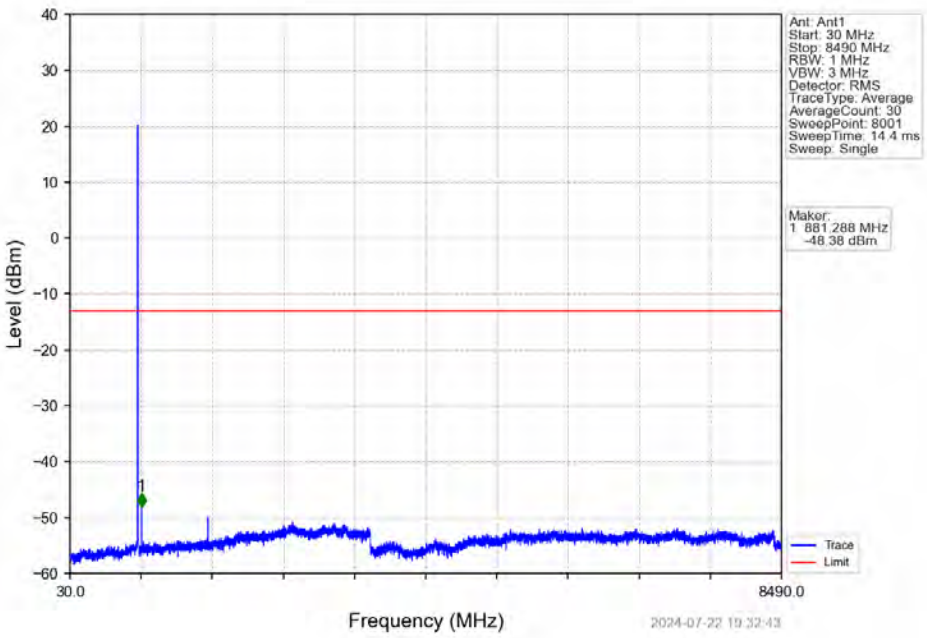


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

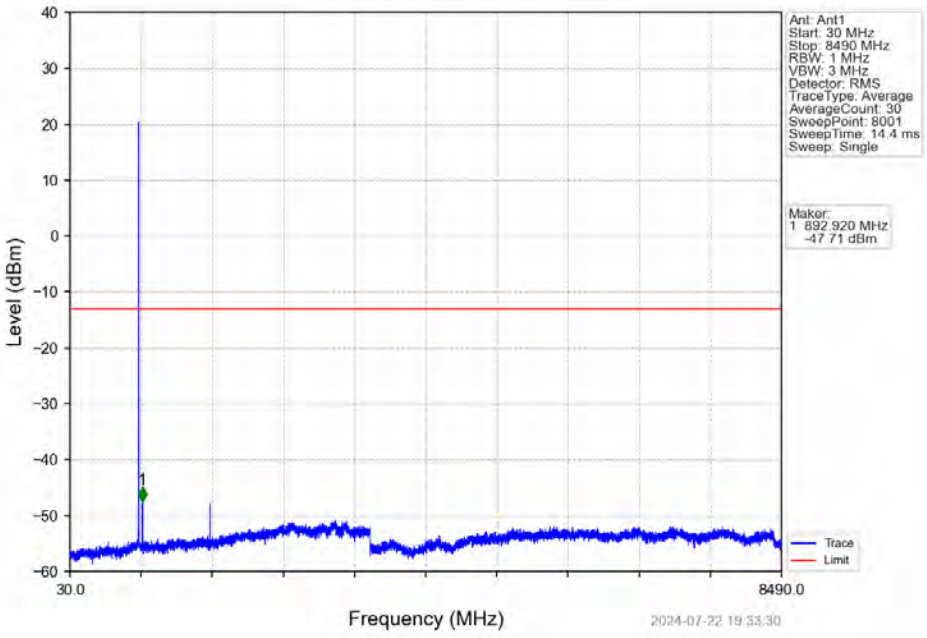


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.944	-40.50	-13	Pass
823	824	0.013	/	2	823.982	-38.45	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

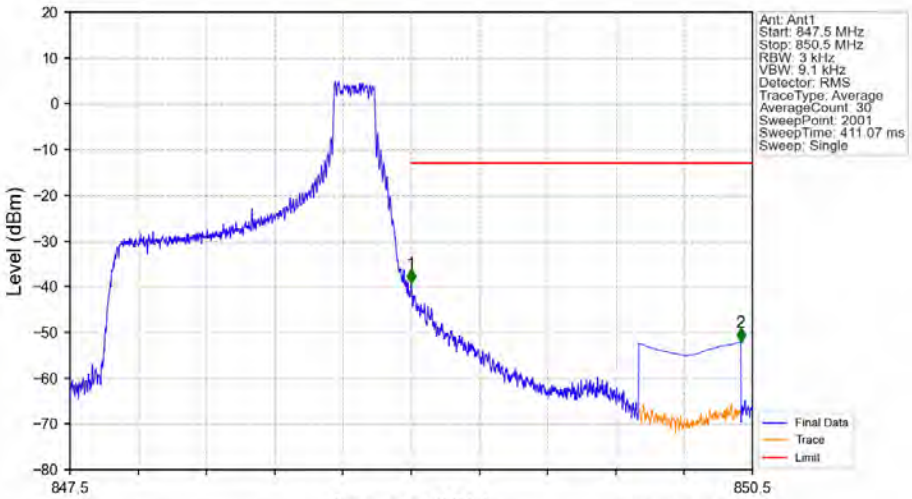
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

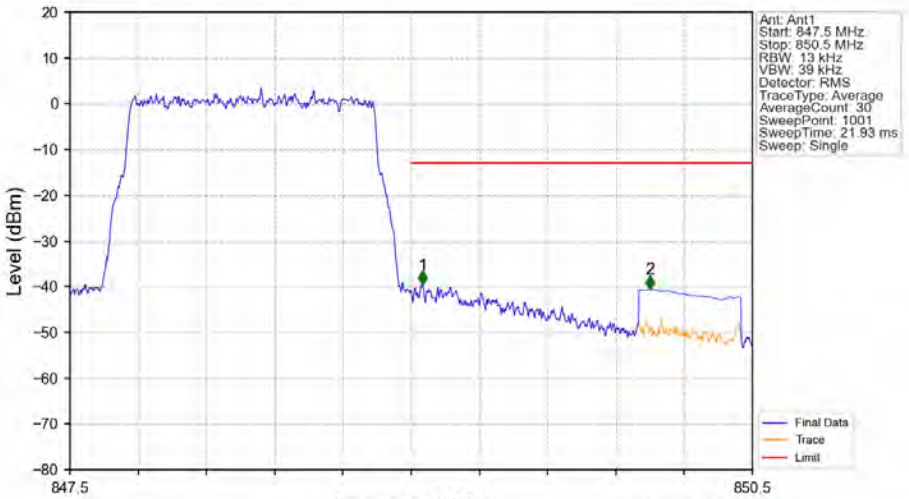


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-39.21	-13	Pass
850	850.5	0.1	CHP	2	850.449	-52.18	-13	Pass

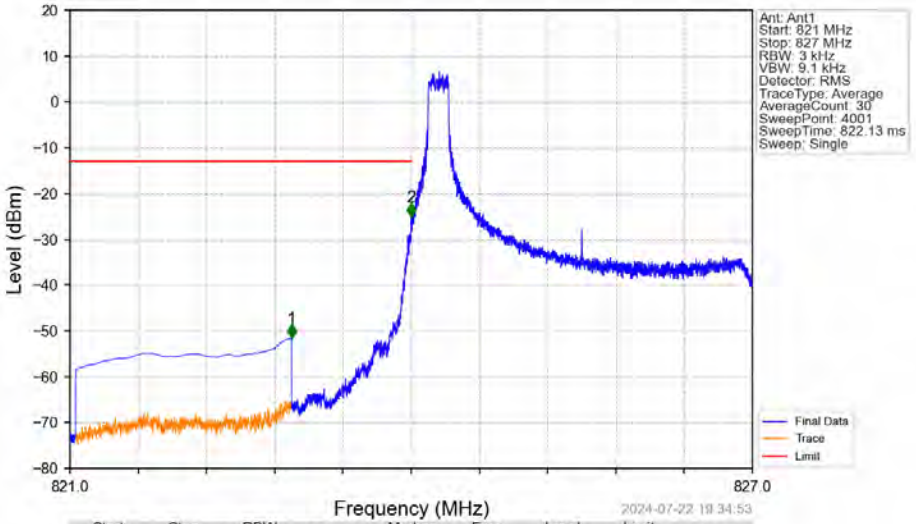
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.051	-39.62	-13	Pass
850	850.5	0.1	CHP	2	850.050	-40.60	-13	Pass

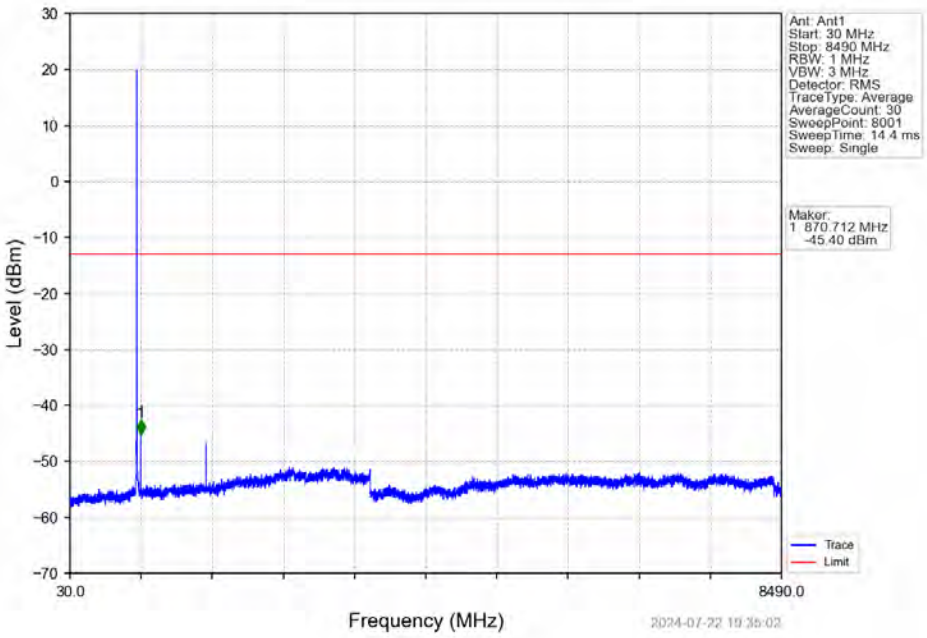
6.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

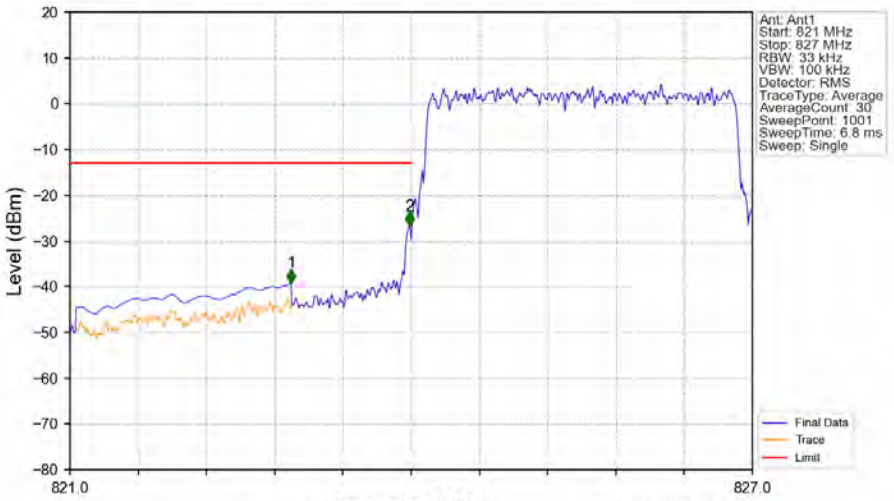


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-51.61	-13	Pass
823	824	0.003	/	2	824.000	-25.19	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

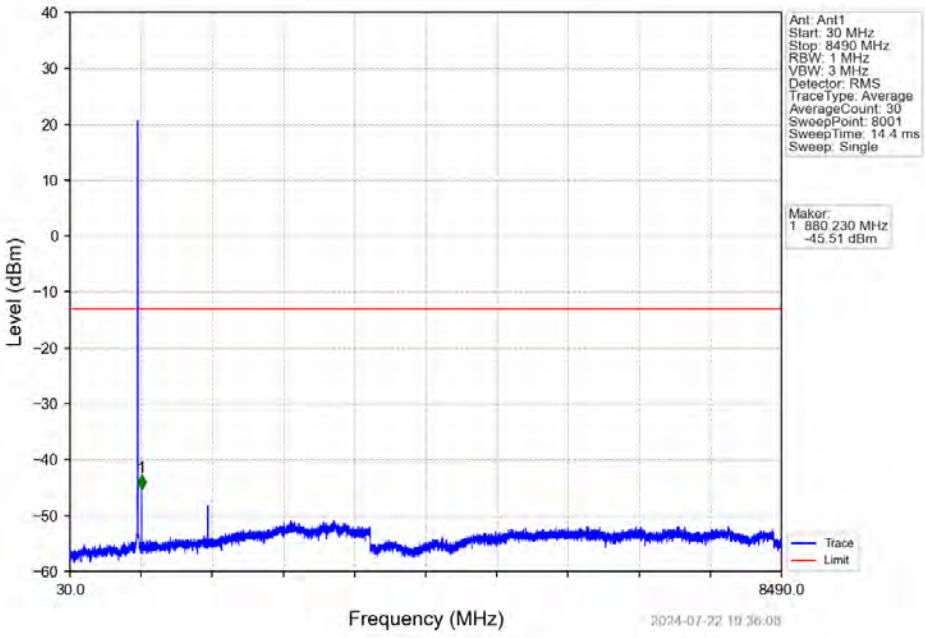


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

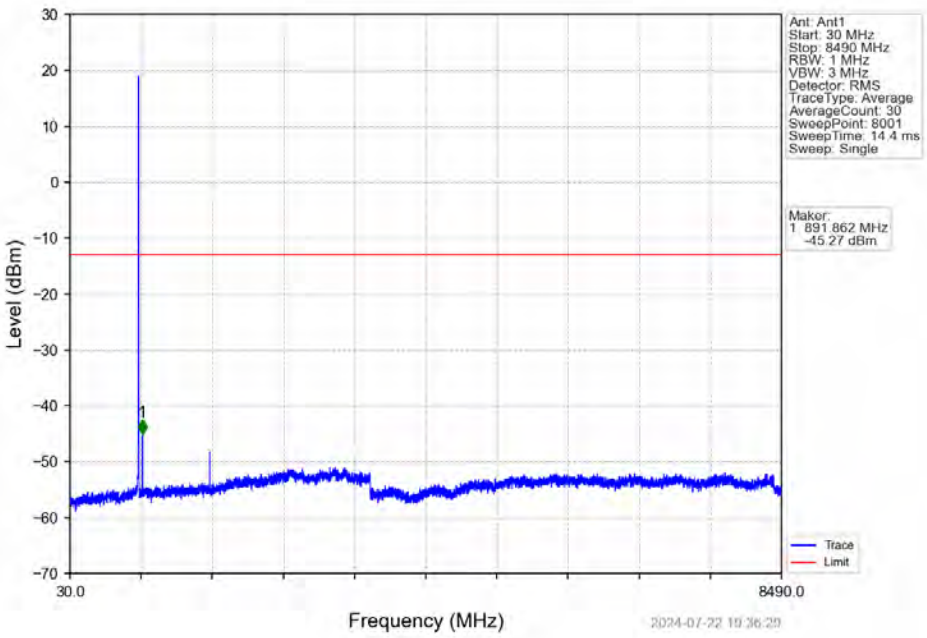


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-39.19	-13	Pass
823	824	0.033	/	2	823.988	-26.72	-13	Pass
824	827	0.033	/	/	/	/	/	/

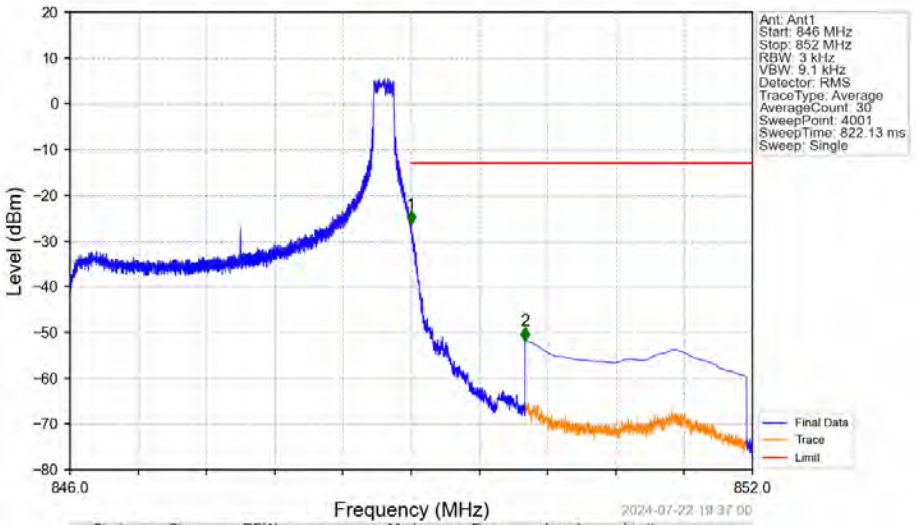
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

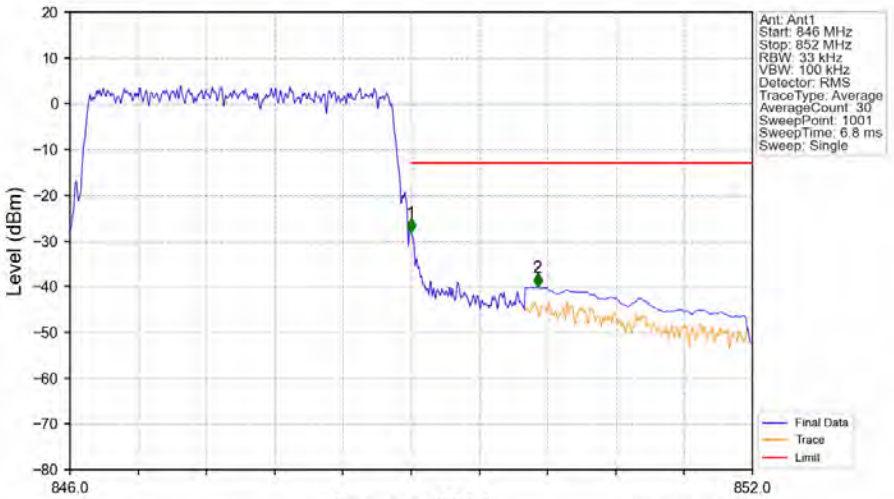


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



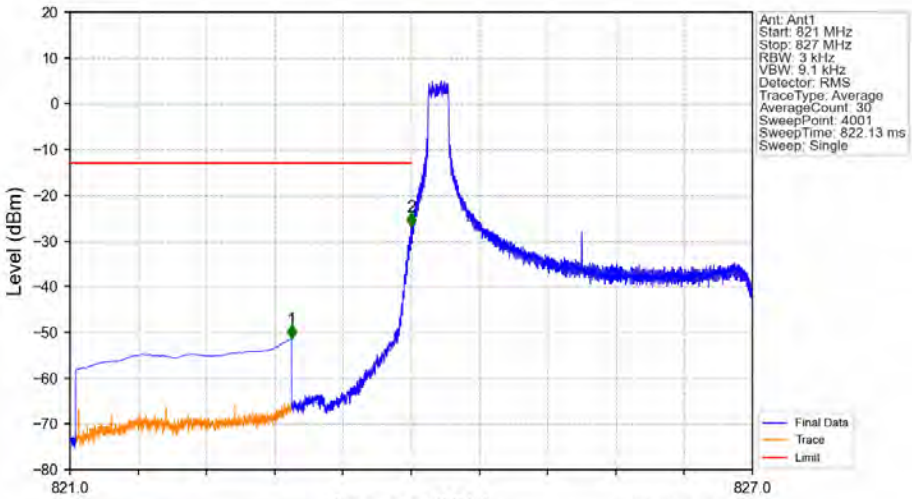
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-26.46	-13	Pass
850	852	0.1	CHP	2	850.000	-51.88	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



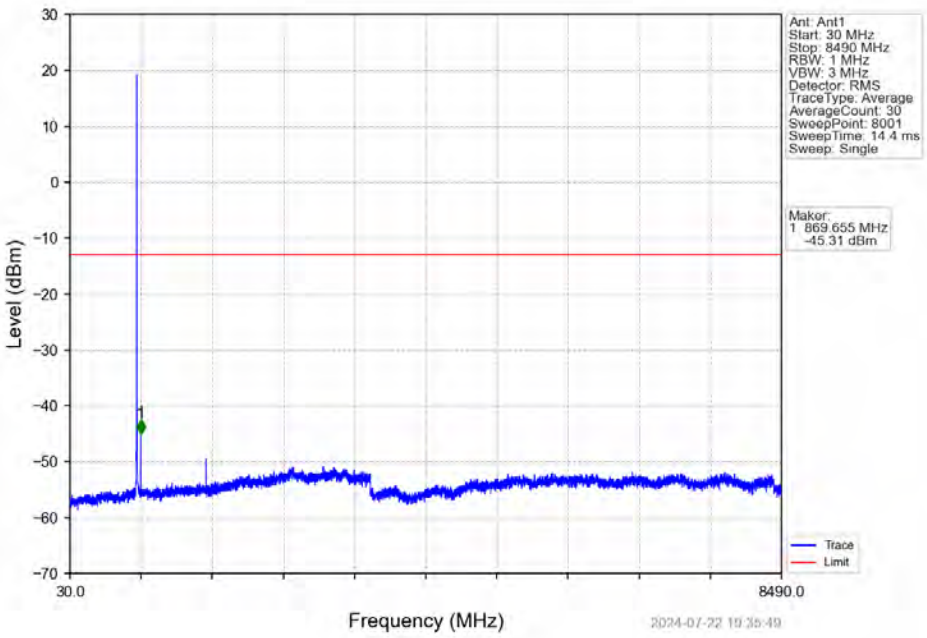
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-28.16	-13	Pass
850	852	0.1	CHP	2	850.110	-40.10	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

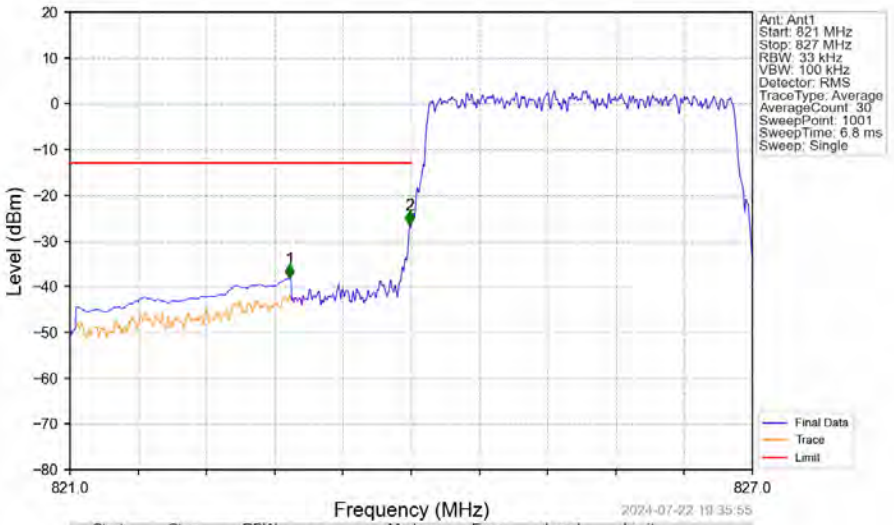


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-51.43	-13	Pass
823	824	0.003	/	2	824.000	-26.93	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

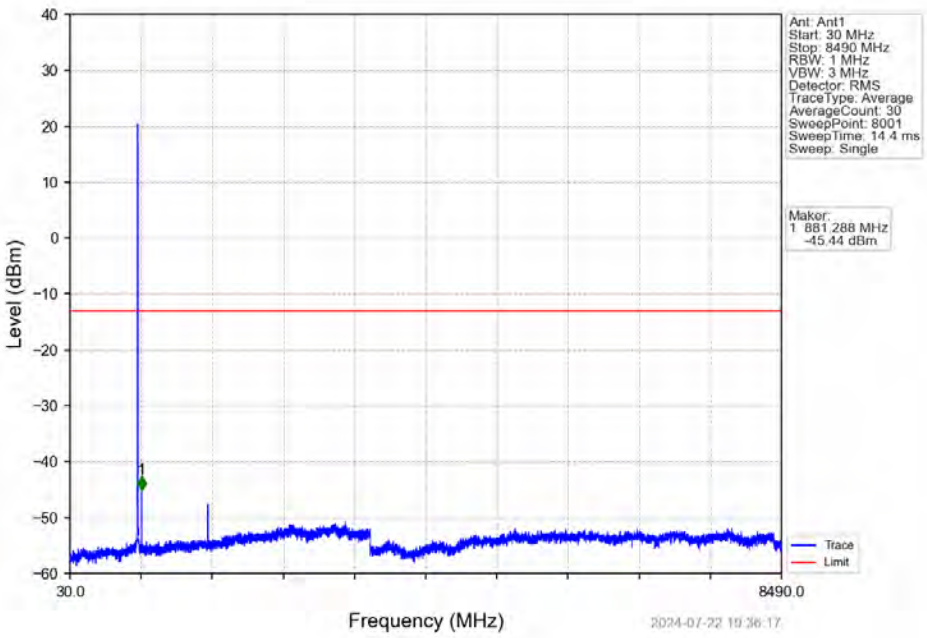


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

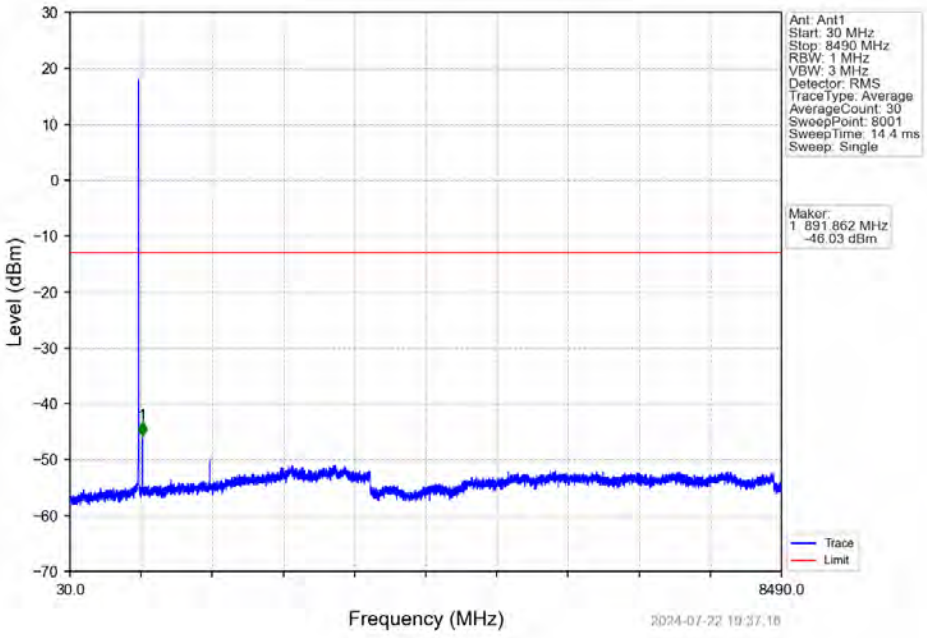


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.932	-38.24	-13	Pass
823	824	0.033	/	2	823.988	-26.52	-13	Pass
824	827	0.033	/	/	/	/	/	/

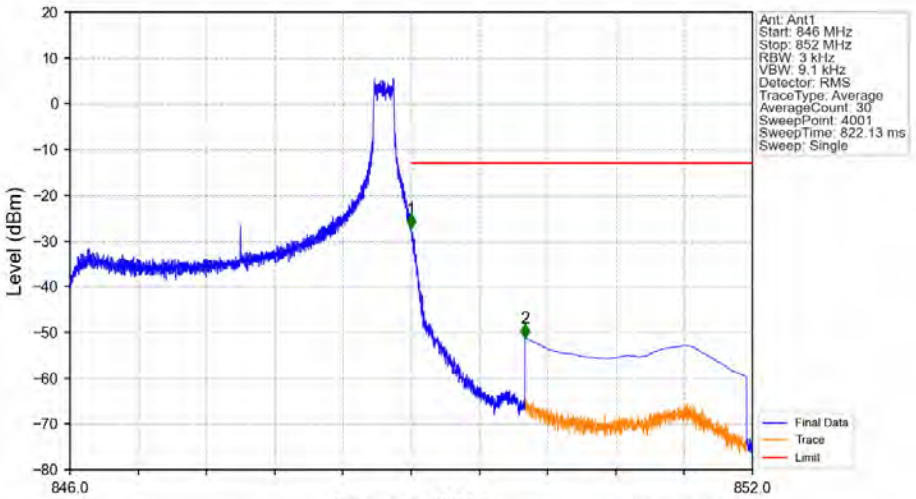
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

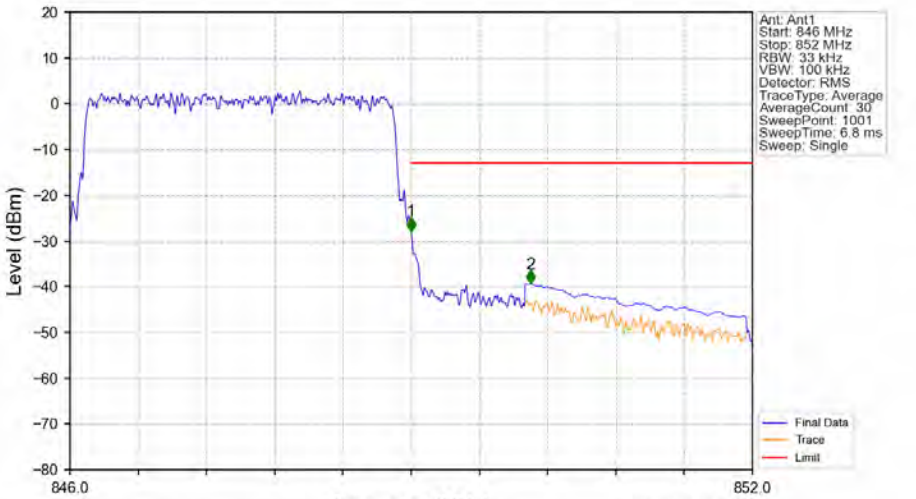


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



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	849.000	-27.31	-13	Pass
850	852	0.1	CHP	2	850.000	-51.27	-13	Pass

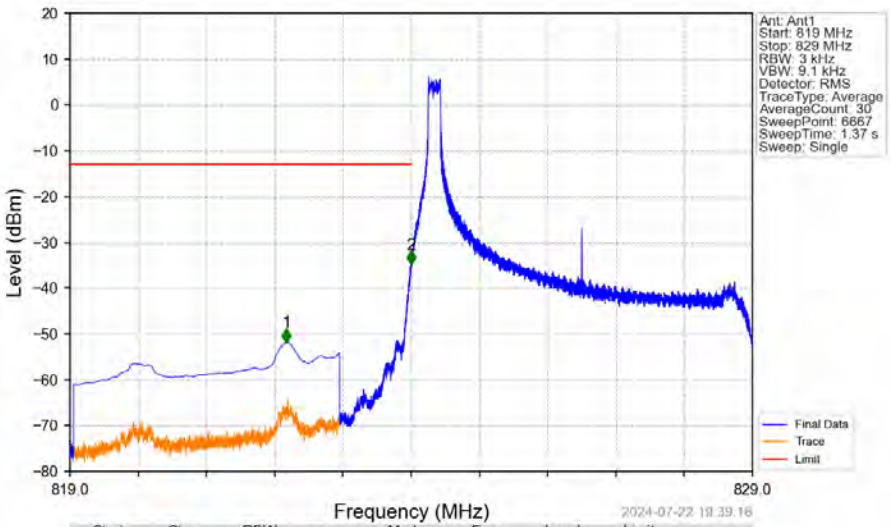
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-27.88	-13	Pass
850	852	0.1	CHP	2	850.050	-39.38	-13	Pass

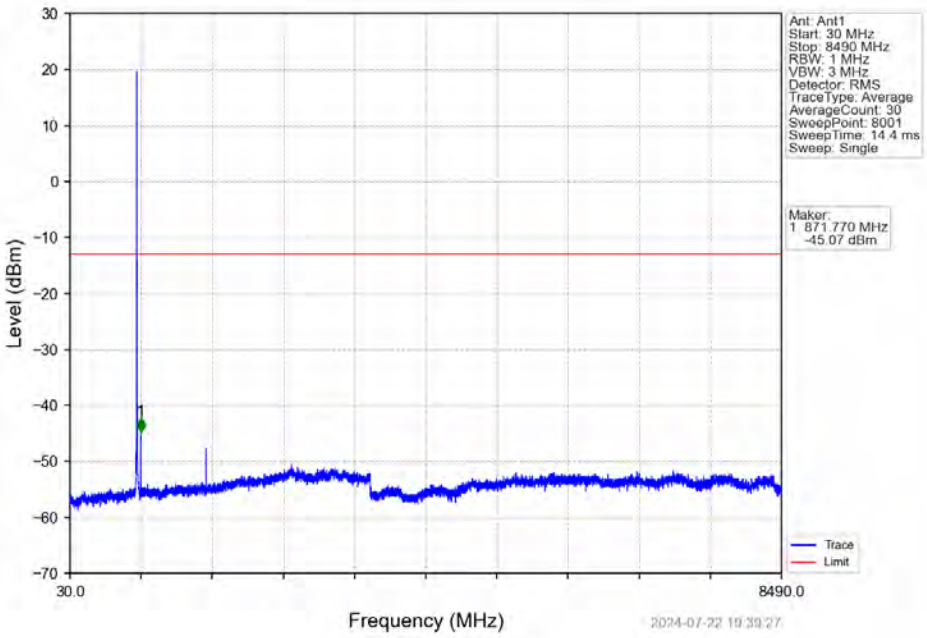
6.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

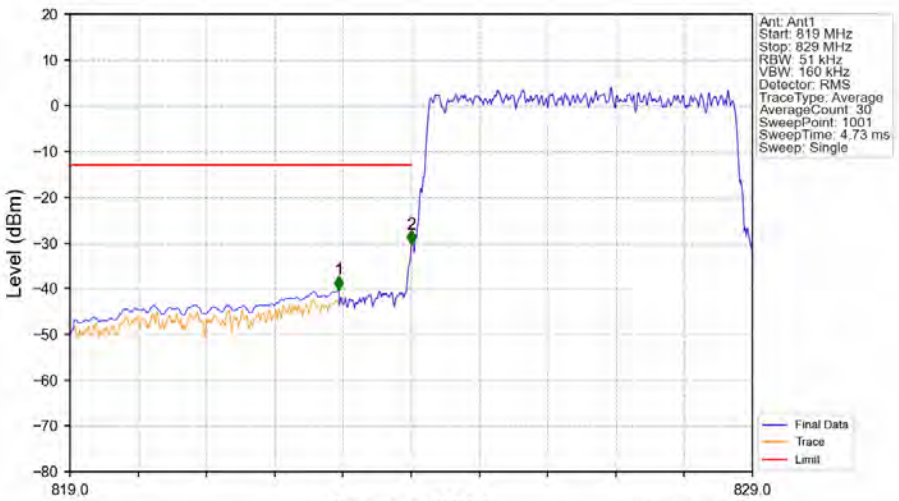


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.170	-51.88	-13	Pass
823	824	0.003	/	2	823.997	-34.88	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

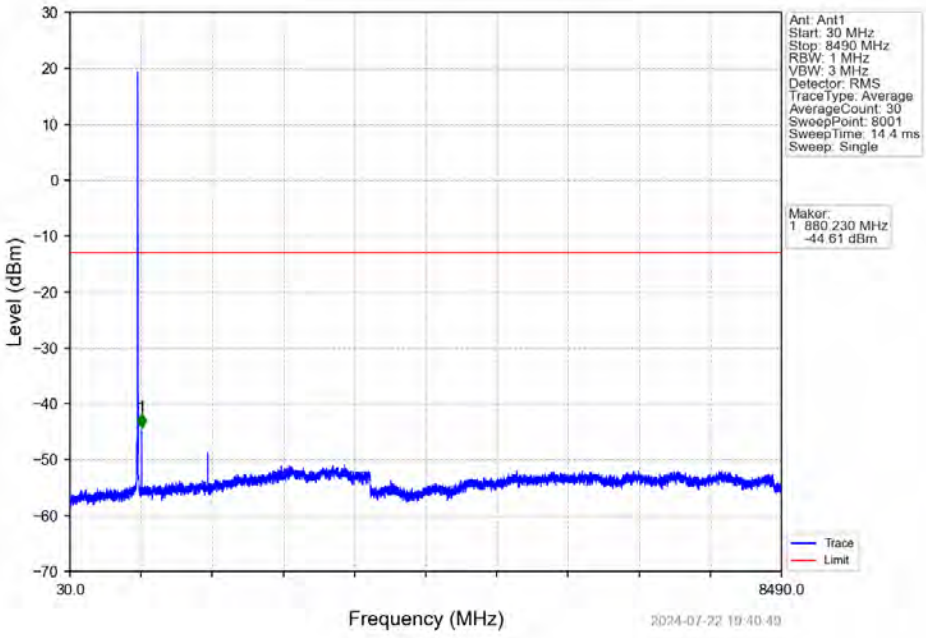


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

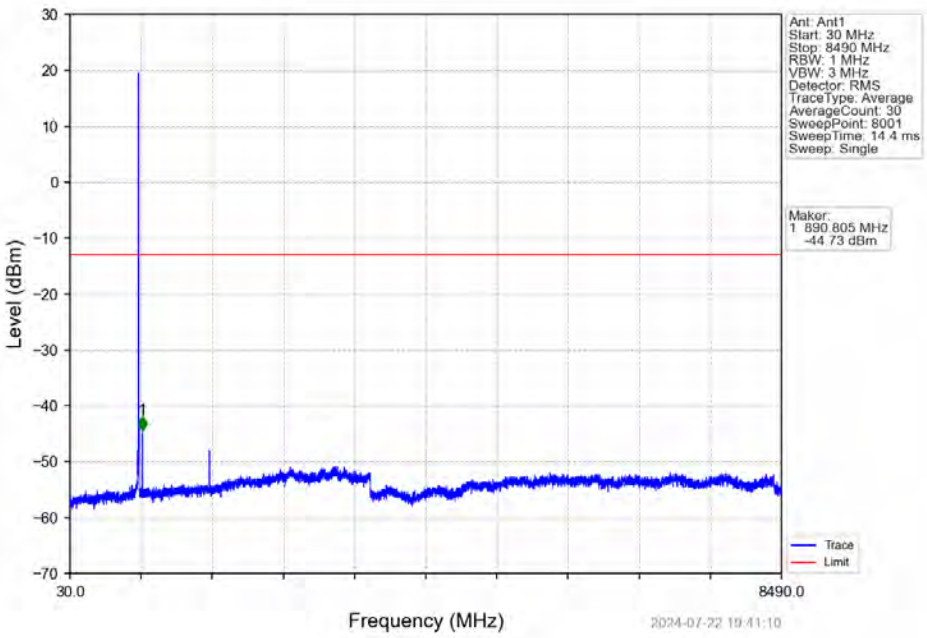


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-40.26	-13	Pass
823	824	0.051	/	2	824.000	-30.28	-13	Pass
824	829	0.051	/	/	/	/	/	/

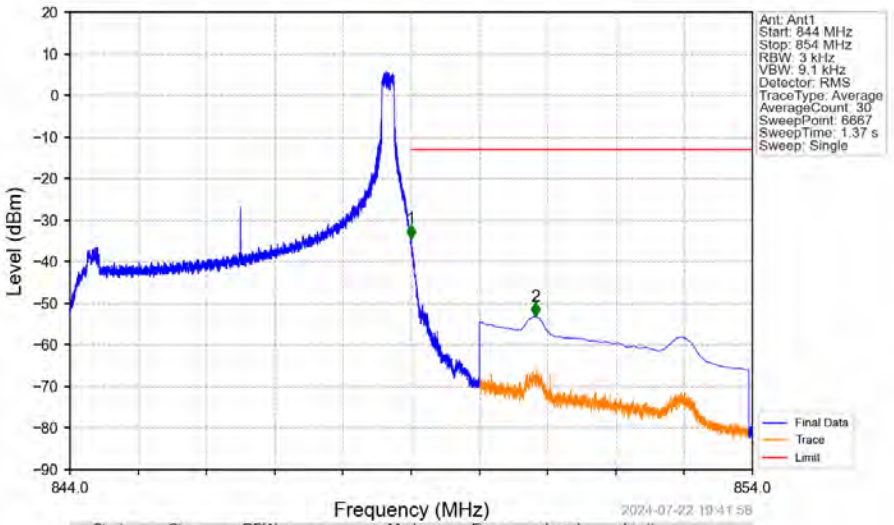
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

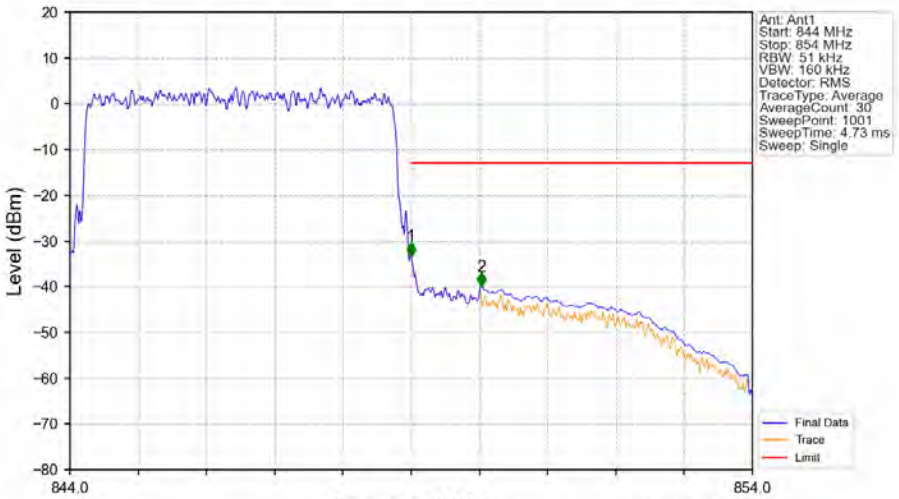


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



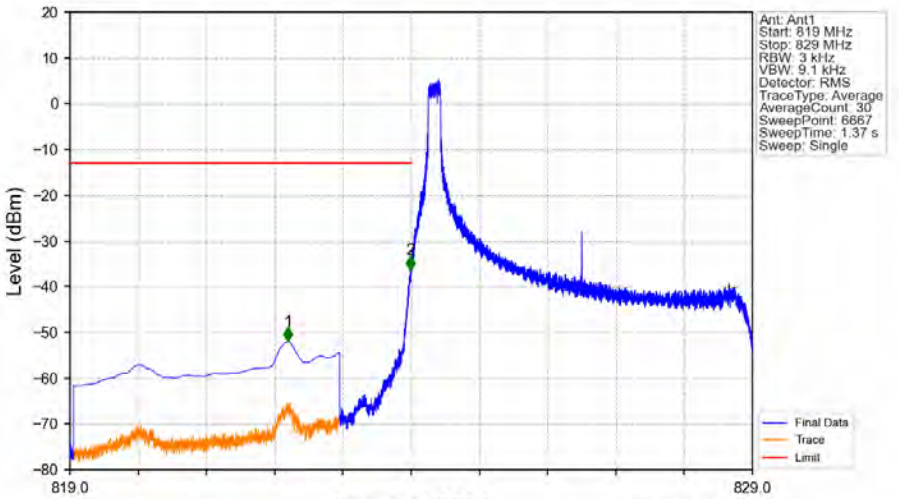
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-34.42	-13	Pass
850	854	0.1	CHP	2	850.821	-53.12	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



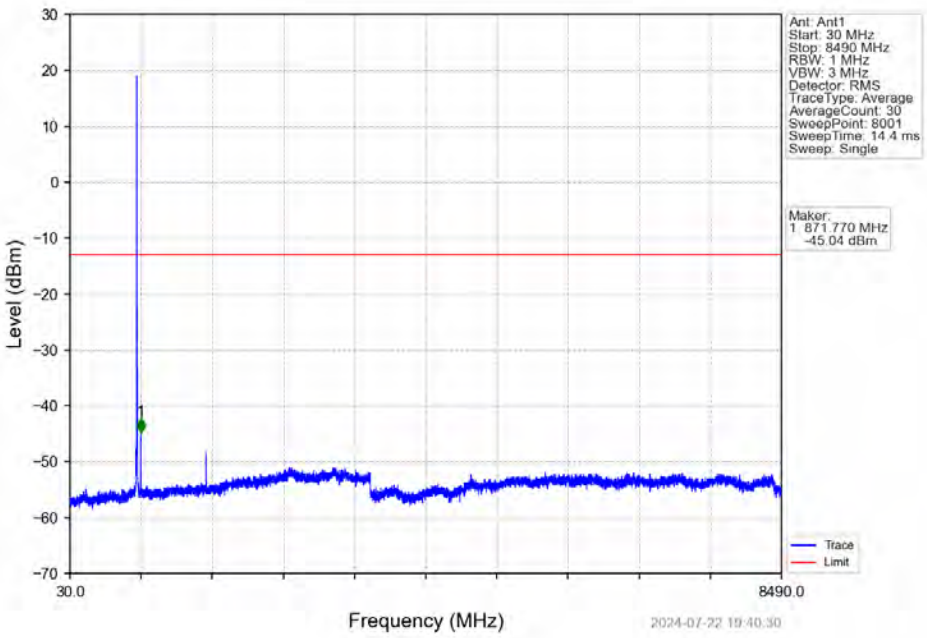
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-33.36	-13	Pass
850	854	0.1	CHP	2	850.030	-40.00	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

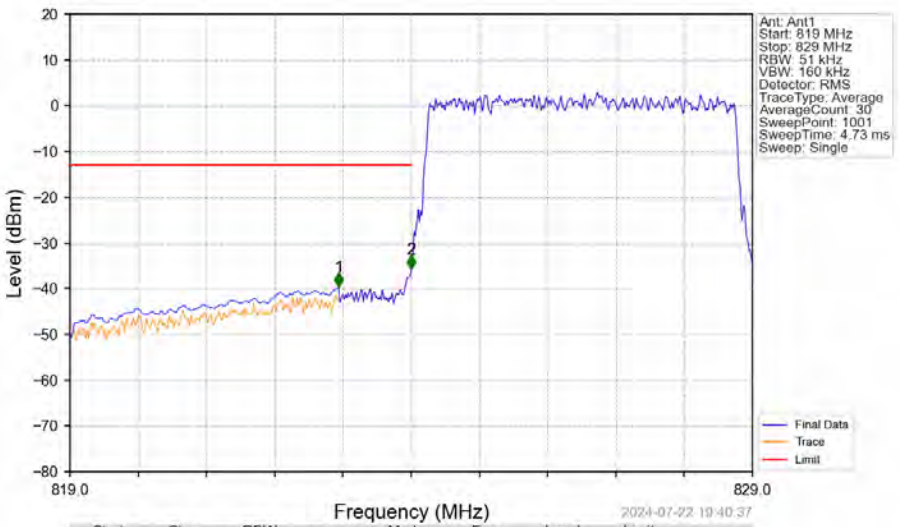


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.197	-51.99	-13	Pass
823	824	0.003	/	2	823.991	-36.38	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

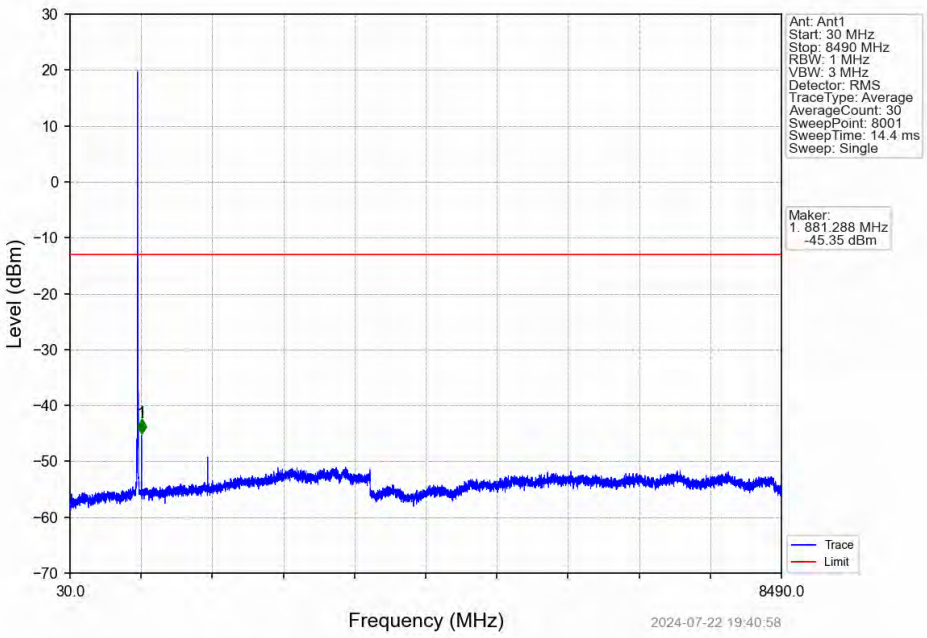


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

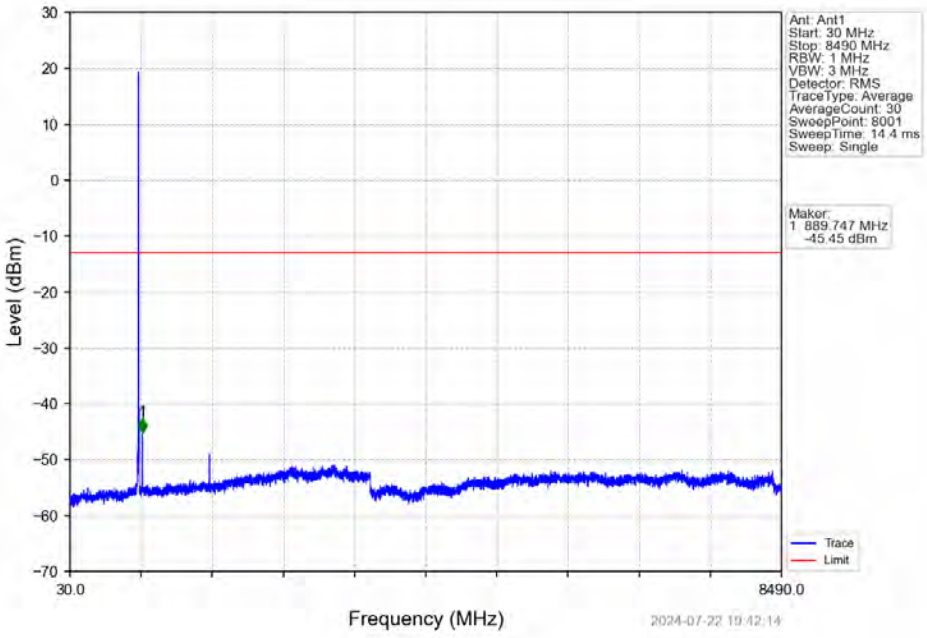


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-39.68	-13	Pass
823	824	0.051	/	2	824.000	-35.74	-13	Pass
824	829	0.051	/	/	/	/	/	/

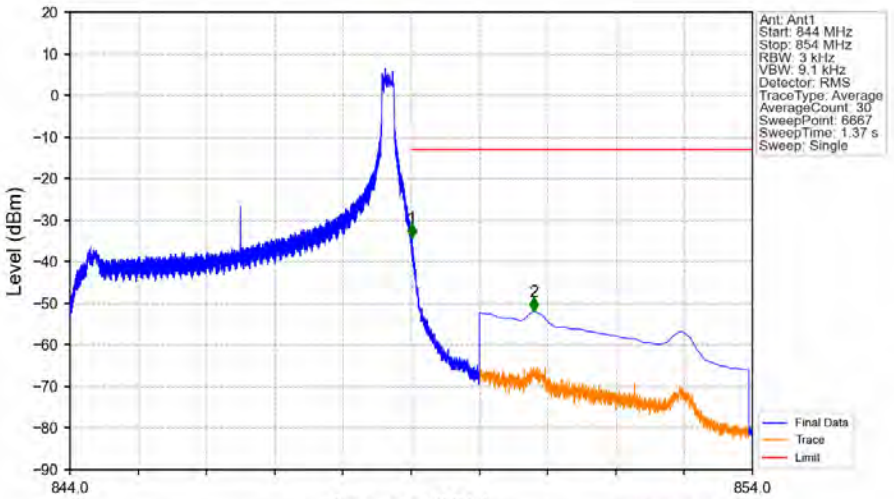
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

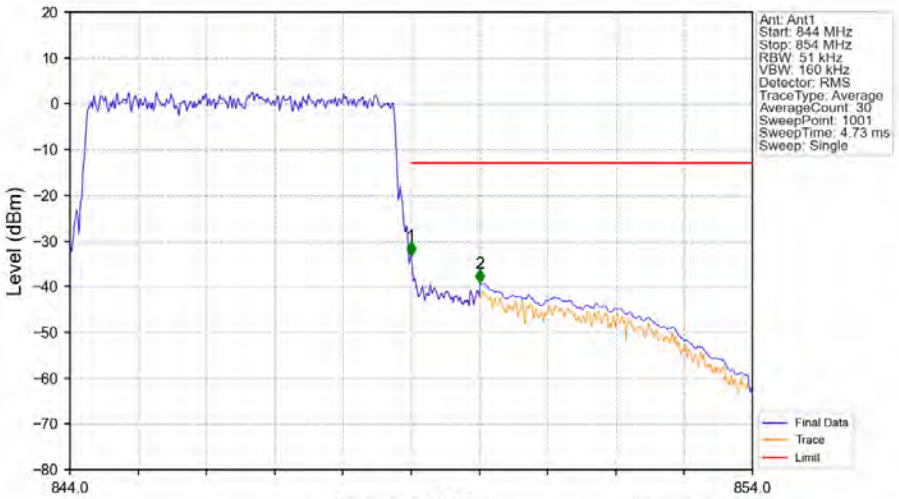


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-34.33	-13	Pass
850	854	0.1	CHP	2	850.802	-51.98	-13	Pass

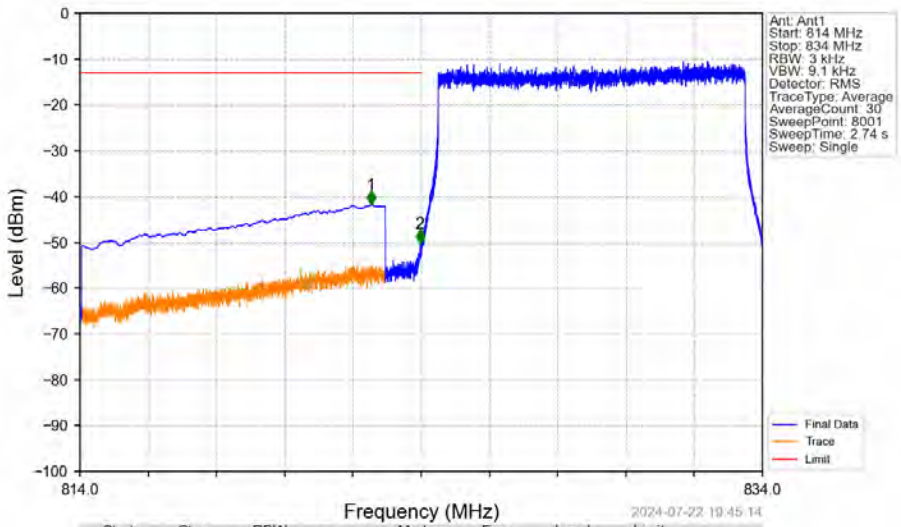
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-33.23	-13	Pass
850	854	0.1	CHP	2	850.010	-39.32	-13	Pass

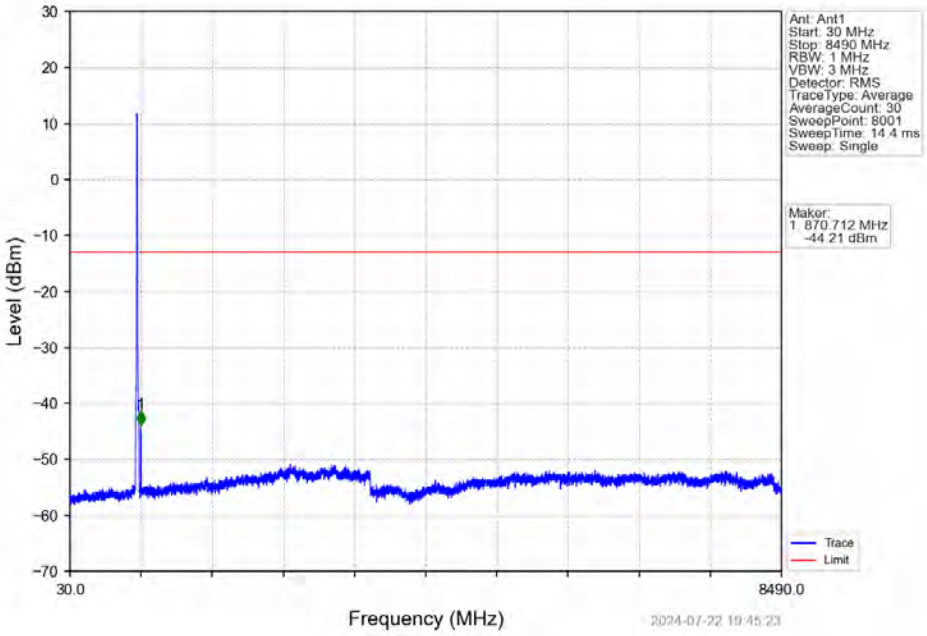
6.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

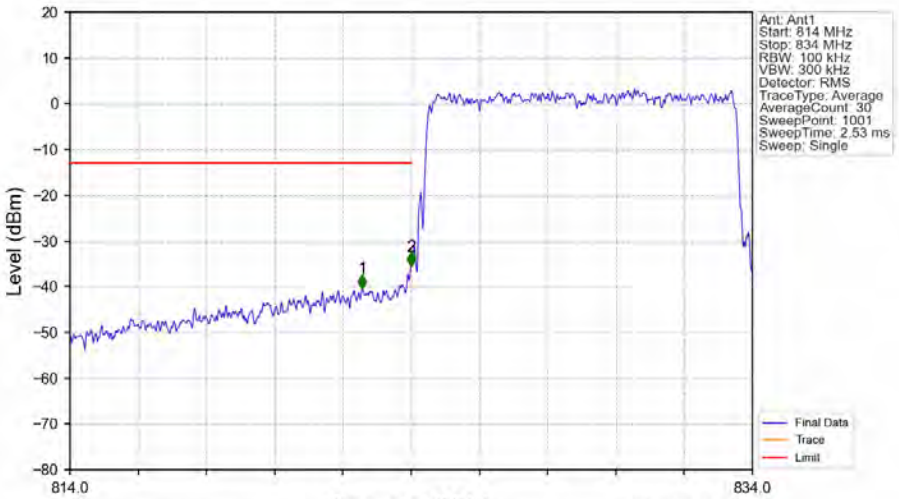


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.528	-41.77	-13	Pass
823	824	0.003	/	2	823.967	-50.34	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

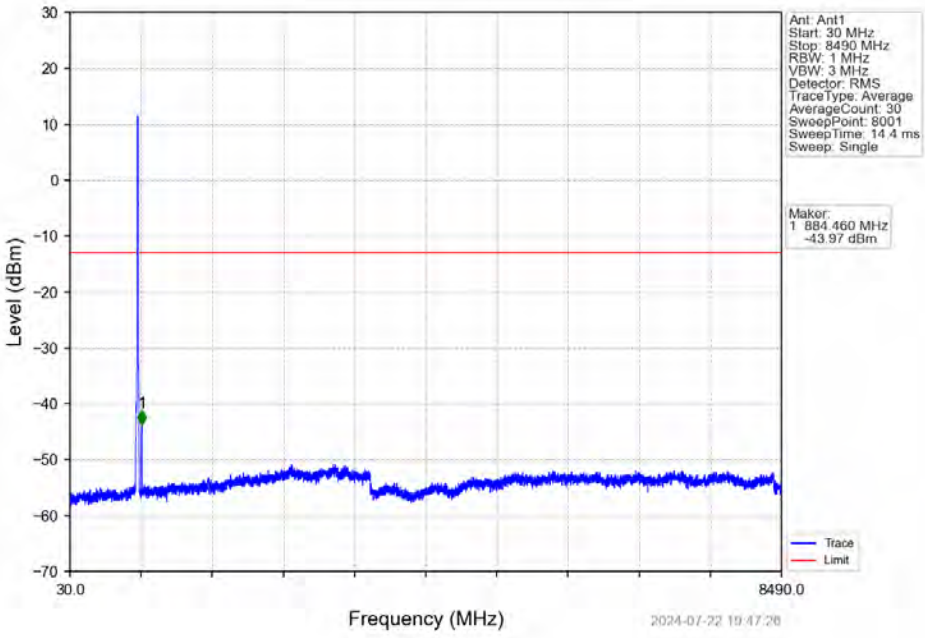


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

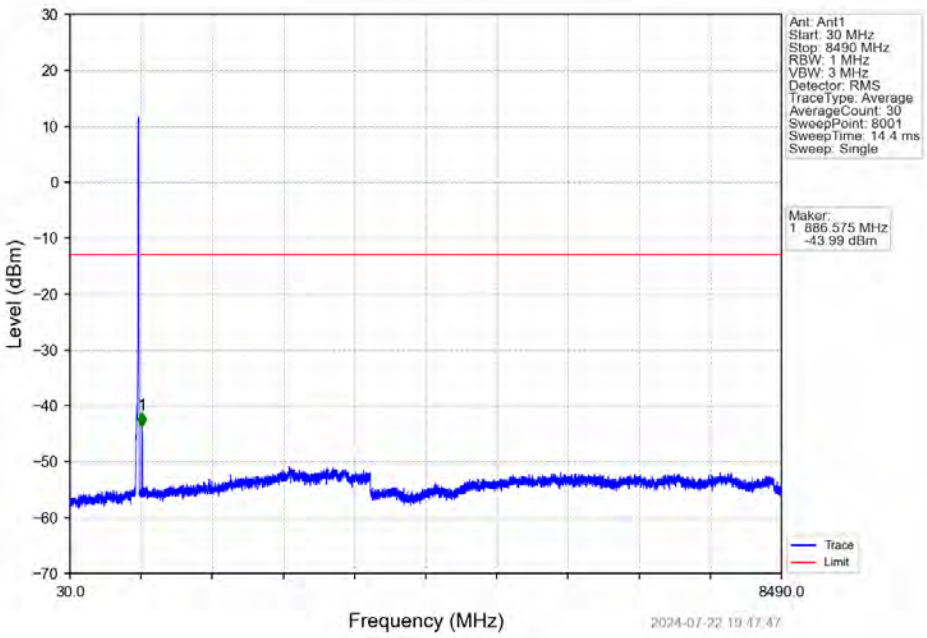


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.560	-40.41	-13	Pass
823	824	0.101	/	2	824.000	-35.52	-13	Pass
824	834	0.101	/	/	/	/	/	/

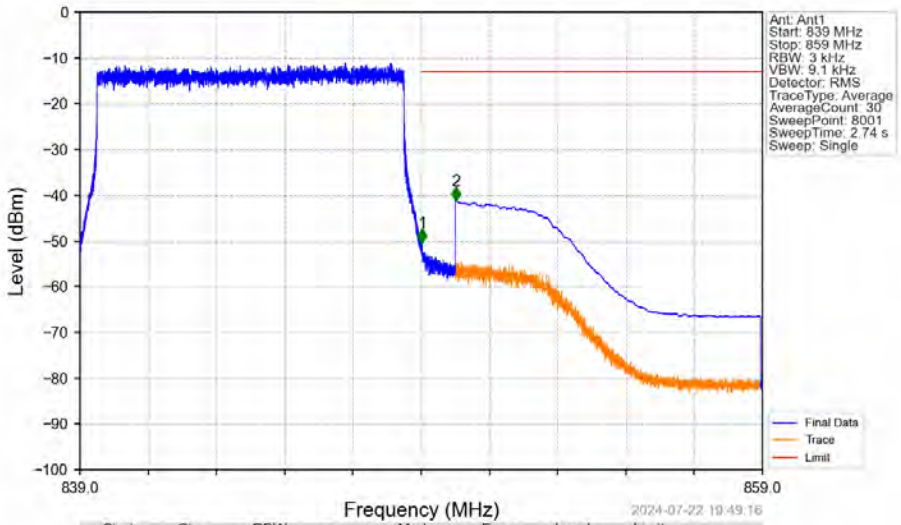
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

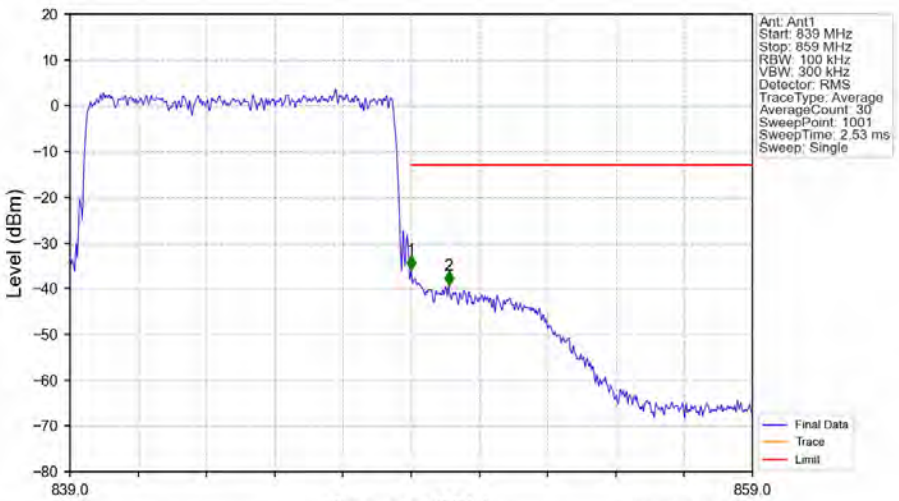


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



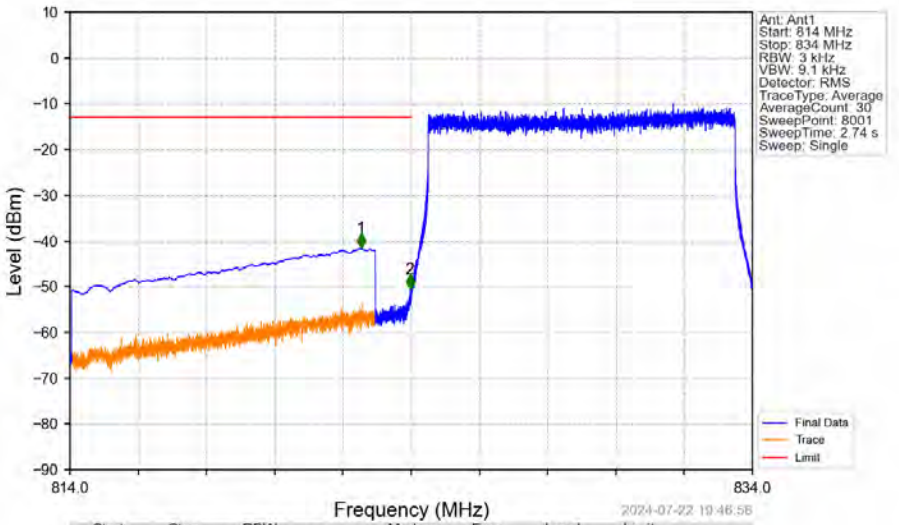
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.033	-50.41	-13	Pass
850	859	0.1	CHP	2	850.018	-41.23	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



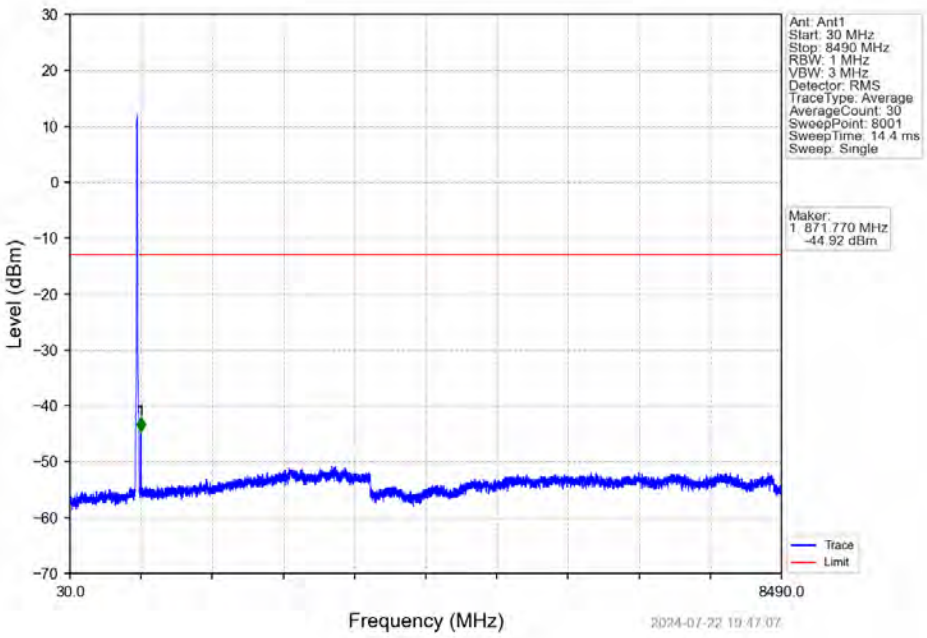
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.000	-35.91	-13	Pass
850	859	0.1	/	2	850.100	-39.28	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

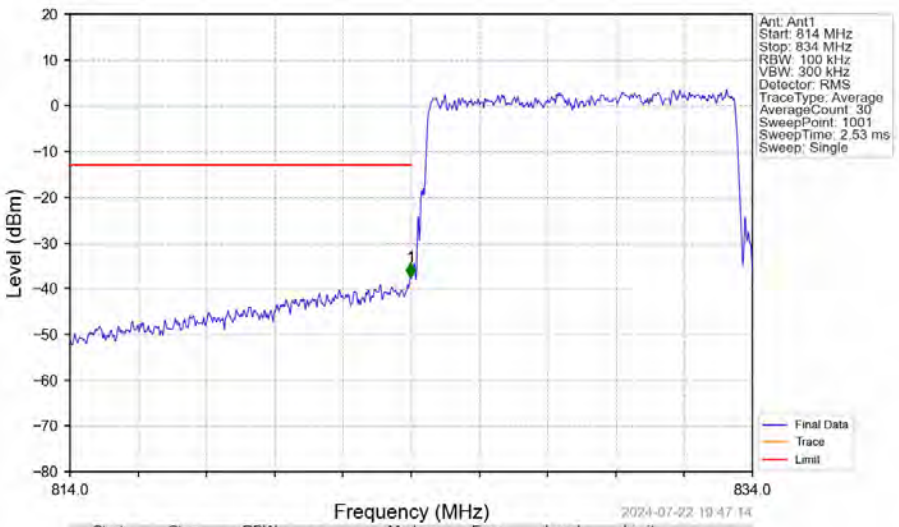


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.528	-41.57	-13	Pass
823	824	0.003	/	2	823.965	-50.45	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

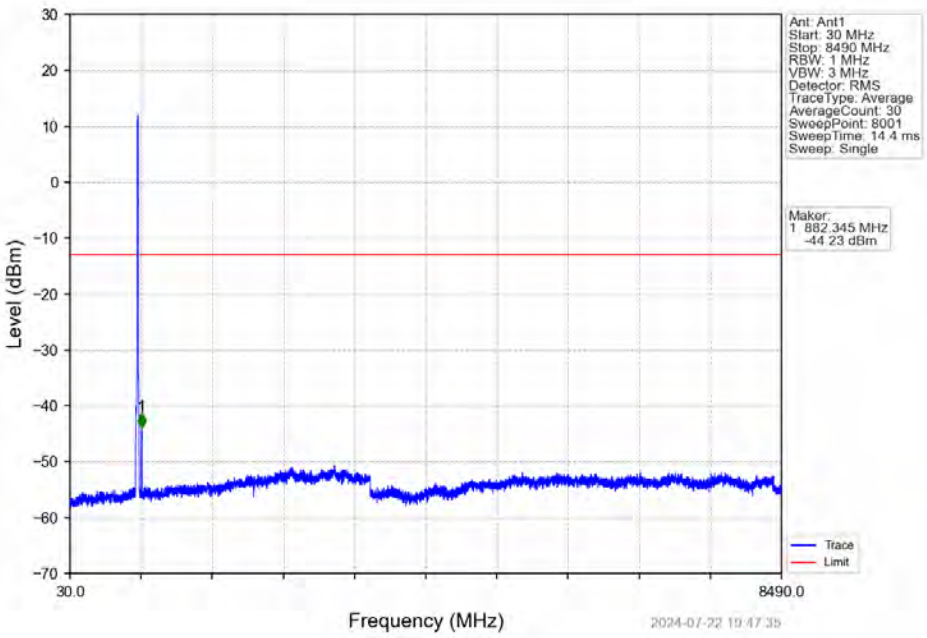


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

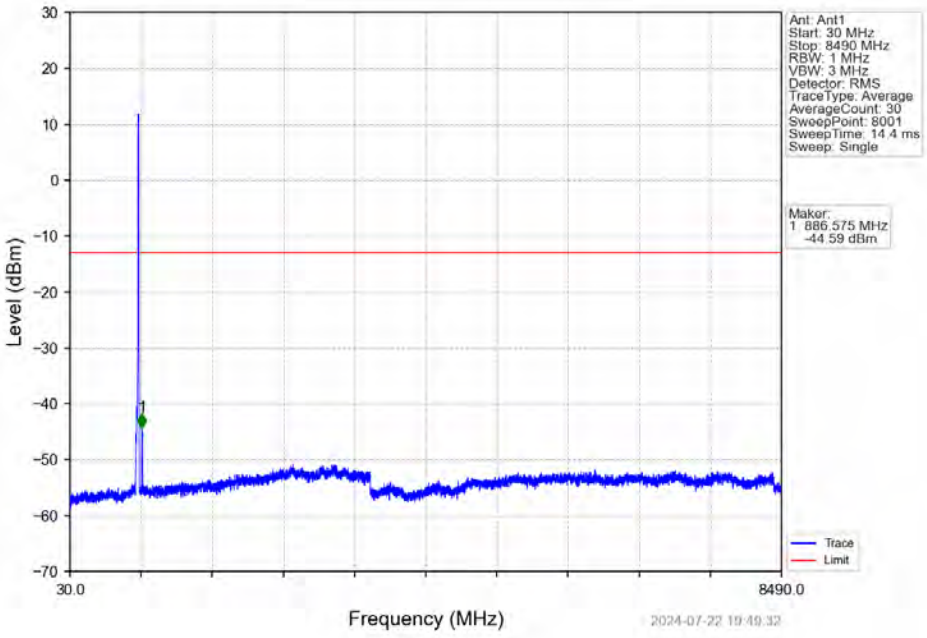


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.980	-37.54	-13	Pass
824	834	0.1	/	/	/	/	/	/

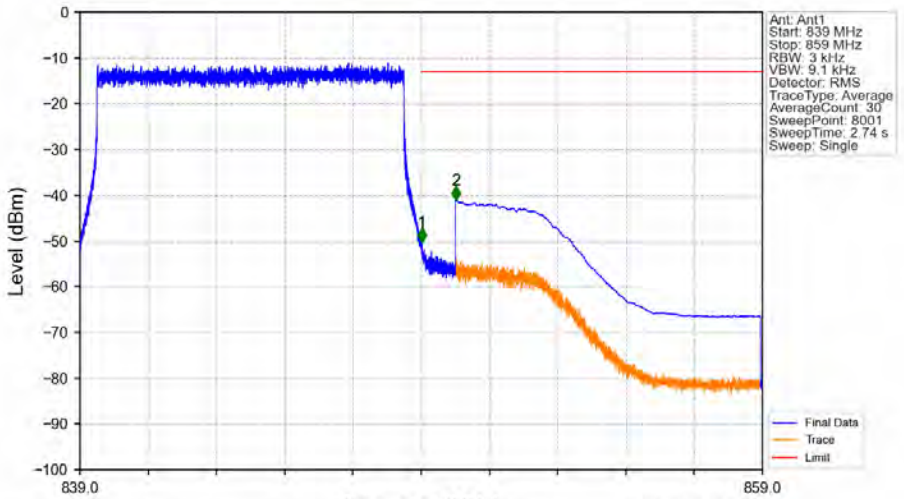
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

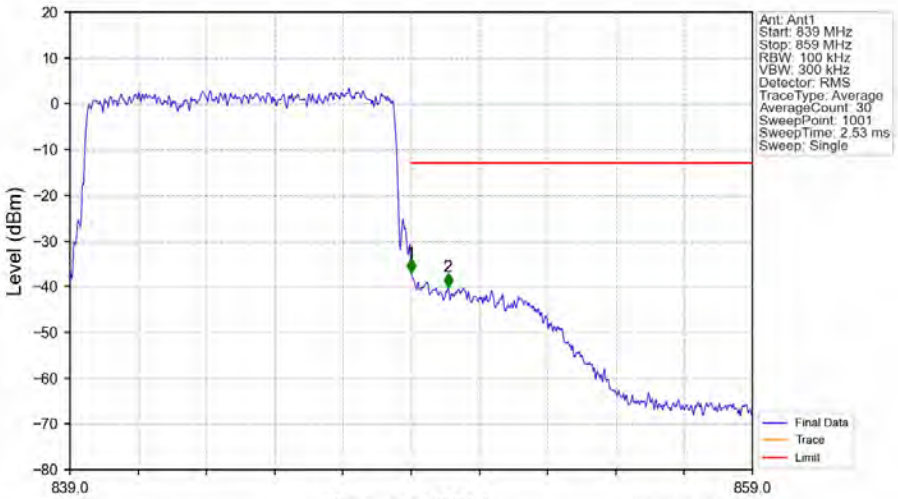


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.015	-50.30	-13	Pass
850	859	0.1	CHP	2	850.018	-41.12	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.000	-36.93	-13	Pass
850	859	0.1	/	2	850.080	-40.06	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.1442	0.0422	ppm	1M11G7D	22H	21.59
5	1.4	824.7	848.3	0.1297	0.0515	ppm	1M12W7D	22H	21.13
5	3	825.5	847.5	0.1445	0.0237	ppm	2M77G7D	22H	21.60
5	3	825.5	847.5	0.1618	0.0447	ppm	2M76W7D	22H	22.09
5	5	826.5	846.5	0.1452	0.0507	ppm	4M57G7D	22H	21.62
5	5	826.5	846.5	0.1279	0.0354	ppm	4M58W7D	22H	21.07
5	10	829	844	0.1439	0.0554	ppm	9M07G7D	22H	21.58
5	10	829	844	0.1486	0.0536	ppm	9M09W7D	22H	21.72

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.0382	0.0422	ppm	1M11G7D	22H	15.82
5	1.4	824.7	848.3	0.0344	0.0515	ppm	1M12W7D	22H	15.36
5	3	825.5	847.5	0.0383	0.0237	ppm	2M77G7D	22H	15.83
5	3	825.5	847.5	0.0429	0.0447	ppm	2M76W7D	22H	16.32
5	5	826.5	846.5	0.0385	0.0507	ppm	4M57G7D	22H	15.85
5	5	826.5	846.5	0.0339	0.0354	ppm	4M58W7D	22H	15.30
5	10	829	844	0.0381	0.0554	ppm	9M07G7D	22H	15.81
5	10	829	844	0.0394	0.0536	ppm	9M09W7D	22H	15.95