

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	22.02	-1.15	18.72	<=38.45	Pass
			2	21.98	-1.15	18.68	<=38.45	Pass
			5	21.98	-1.15	18.68	<=38.45	Pass
		3	0	22.14	-1.15	18.84	<=38.45	Pass
			2	22.09	-1.15	18.79	<=38.45	Pass
			3	22.10	-1.15	18.80	<=38.45	Pass
		6	0	20.94	-1.15	17.64	<=38.45	Pass
	836.5	1	0	21.85	-1.15	18.55	<=38.45	Pass
			2	21.73	-1.15	18.43	<=38.45	Pass
			5	21.71	-1.15	18.41	<=38.45	Pass
		3	0	21.70	-1.15	18.40	<=38.45	Pass
			2	21.74	-1.15	18.44	<=38.45	Pass
			3	21.73	-1.15	18.43	<=38.45	Pass
		6	0	21.12	-1.15	17.82	<=38.45	Pass
	848.3	1	0	21.60	-1.15	18.30	<=38.45	Pass
			2	21.62	-1.15	18.32	<=38.45	Pass
			5	21.63	-1.15	18.33	<=38.45	Pass
		3	0	21.61	-1.15	18.31	<=38.45	Pass
			2	21.64	-1.15	18.34	<=38.45	Pass
			3	21.55	-1.15	18.25	<=38.45	Pass
		6	0	20.78	-1.15	17.48	<=38.45	Pass
16QAM	824.7	1	0	21.52	-1.15	18.22	<=38.45	Pass
			2	21.52	-1.15	18.22	<=38.45	Pass
			5	21.52	-1.15	18.22	<=38.45	Pass
		3	0	20.88	-1.15	17.58	<=38.45	Pass
			2	20.87	-1.15	17.57	<=38.45	Pass
			3	20.87	-1.15	17.57	<=38.45	Pass
		6	0	20.11	-1.15	16.81	<=38.45	Pass
	836.5	1	0	20.79	-1.15	17.49	<=38.45	Pass
			2	21.15	-1.15	17.85	<=38.45	Pass
			5	21.12	-1.15	17.82	<=38.45	Pass
		3	0	20.91	-1.15	17.61	<=38.45	Pass
			2	20.93	-1.15	17.63	<=38.45	Pass
			3	20.94	-1.15	17.64	<=38.45	Pass
		6	0	20.17	-1.15	16.87	<=38.45	Pass
	848.3	1	0	22.04	-1.15	18.74	<=38.45	Pass
			2	21.69	-1.15	18.39	<=38.45	Pass
			5	21.72	-1.15	18.42	<=38.45	Pass
		3	0	20.96	-1.15	17.66	<=38.45	Pass
			2	20.68	-1.15	17.38	<=38.45	Pass
			3	20.73	-1.15	17.43	<=38.45	Pass
		6	0	19.85	-1.15	16.55	<=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	22.11	-1.15	18.81	<=38.45	Pass
			7	22.04	-1.15	18.74	<=38.45	Pass
			14	21.84	-1.15	18.54	<=38.45	Pass
		8	0	20.96	-1.15	17.66	<=38.45	Pass
			4	20.94	-1.15	17.64	<=38.45	Pass
			7	20.67	-1.15	17.37	<=38.45	Pass
		15	0	20.97	-1.15	17.67	<=38.45	Pass
	836.5	1	0	21.84	-1.15	18.54	<=38.45	Pass
			7	21.69	-1.15	18.39	<=38.45	Pass
			14	21.69	-1.15	18.39	<=38.45	Pass
		8	0	20.73	-1.15	17.43	<=38.45	Pass
			4	21.14	-1.15	17.84	<=38.45	Pass
			7	21.13	-1.15	17.83	<=38.45	Pass
		15	0	21.10	-1.15	17.80	<=38.45	Pass
	847.5	1	0	21.57	-1.15	18.27	<=38.45	Pass
			7	21.59	-1.15	18.29	<=38.45	Pass
			14	21.53	-1.15	18.23	<=38.45	Pass
		8	0	21.03	-1.15	17.73	<=38.45	Pass
			4	20.87	-1.15	17.57	<=38.45	Pass
			7	20.75	-1.15	17.45	<=38.45	Pass
		15	0	21.02	-1.15	17.72	<=38.45	Pass
16QAM	825.5	1	0	21.04	-1.15	17.74	<=38.45	Pass
			7	21.03	-1.15	17.73	<=38.45	Pass
			14	20.79	-1.15	17.49	<=38.45	Pass
		8	0	20.28	-1.15	16.98	<=38.45	Pass
			4	20.31	-1.15	17.01	<=38.45	Pass
			7	19.85	-1.15	16.55	<=38.45	Pass
		15	0	20.13	-1.15	16.83	<=38.45	Pass
	836.5	1	0	21.42	-1.15	18.12	<=38.45	Pass
			7	21.70	-1.15	18.40	<=38.45	Pass
			14	21.73	-1.15	18.43	<=38.45	Pass
		8	0	19.86	-1.15	16.56	<=38.45	Pass
			4	20.22	-1.15	16.92	<=38.45	Pass
			7	20.21	-1.15	16.91	<=38.45	Pass
		15	0	20.26	-1.15	16.96	<=38.45	Pass
	847.5	1	0	21.74	-1.15	18.44	<=38.45	Pass
			7	21.74	-1.15	18.44	<=38.45	Pass
			14	21.37	-1.15	18.07	<=38.45	Pass
		8	0	20.35	-1.15	17.05	<=38.45	Pass
			4	20.34	-1.15	17.04	<=38.45	Pass
			7	19.85	-1.15	16.55	<=38.45	Pass
		15	0	20.18	-1.15	16.88	<=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	21.83	-1.15	18.53	<=38.45	Pass
			13	21.60	-1.15	18.30	<=38.45	Pass
			24	21.68	-1.15	18.38	<=38.45	Pass
		12	0	20.91	-1.15	17.61	<=38.45	Pass
			6	20.70	-1.15	17.40	<=38.45	Pass
			13	20.67	-1.15	17.37	<=38.45	Pass

16QAM	836.5	25	0	20.75	-1.15	17.45	<=38.45	Pass
		1	0	21.88	-1.15	18.58	<=38.45	Pass
			13	21.74	-1.15	18.44	<=38.45	Pass
			24	21.57	-1.15	18.27	<=38.45	Pass
		12	0	20.69	-1.15	17.39	<=38.45	Pass
			6	21.12	-1.15	17.82	<=38.45	Pass
			13	21.14	-1.15	17.84	<=38.45	Pass
		25	0	21.05	-1.15	17.75	<=38.45	Pass
	846.5	1	0	21.59	-1.15	18.29	<=38.45	Pass
			13	21.64	-1.15	18.34	<=38.45	Pass
			24	21.58	-1.15	18.28	<=38.45	Pass
		12	0	20.51	-1.15	17.21	<=38.45	Pass
			6	21.10	-1.15	17.80	<=38.45	Pass
			13	21.01	-1.15	17.71	<=38.45	Pass
		25	0	21.12	-1.15	17.82	<=38.45	Pass
	826.5	1	0	21.47	-1.15	18.17	<=38.45	Pass
			13	21.20	-1.15	17.90	<=38.45	Pass
			24	21.33	-1.15	18.03	<=38.45	Pass
		12	0	20.13	-1.15	16.83	<=38.45	Pass
			6	19.65	-1.15	16.35	<=38.45	Pass
			13	19.56	-1.15	16.26	<=38.45	Pass
		25	0	19.72	-1.15	16.42	<=38.45	Pass
	836.5	1	0	21.10	-1.15	17.80	<=38.45	Pass
			13	21.58	-1.15	18.28	<=38.45	Pass
			24	21.52	-1.15	18.22	<=38.45	Pass
		12	0	19.53	-1.15	16.23	<=38.45	Pass
			6	20.10	-1.15	16.80	<=38.45	Pass
			13	20.02	-1.15	16.72	<=38.45	Pass
		25	0	20.10	-1.15	16.80	<=38.45	Pass
	846.5	1	0	20.12	-1.15	16.82	<=38.45	Pass
			13	20.62	-1.15	17.32	<=38.45	Pass
			24	20.35	-1.15	17.05	<=38.45	Pass
		12	0	20.13	-1.15	16.83	<=38.45	Pass
			6	20.14	-1.15	16.84	<=38.45	Pass
			13	20.09	-1.15	16.79	<=38.45	Pass
		25	0	20.24	-1.15	16.94	<=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	21.90	-1.15	18.60	<=38.45	Pass
			25	21.79	-1.15	18.49	<=38.45	Pass
			49	21.62	-1.15	18.32	<=38.45	Pass
		25	0	20.73	-1.15	17.43	<=38.45	Pass
			13	20.71	-1.15	17.41	<=38.45	Pass
			25	20.73	-1.15	17.43	<=38.45	Pass
		50	0	20.74	-1.15	17.44	<=38.45	Pass
	836.5	1	0	21.68	-1.15	18.38	<=38.45	Pass
			25	21.72	-1.15	18.42	<=38.45	Pass
			49	21.67	-1.15	18.37	<=38.45	Pass
		25	0	20.73	-1.15	17.43	<=38.45	Pass
			13	21.21	-1.15	17.91	<=38.45	Pass
			25	21.23	-1.15	17.93	<=38.45	Pass
		50	0	21.17	-1.15	17.87	<=38.45	Pass

16QAM	844	1	0	21.44	-1.15	18.14	<=38.45	Pass
			25	21.43	-1.15	18.13	<=38.45	Pass
			49	21.48	-1.15	18.18	<=38.45	Pass
		25	0	21.07	-1.15	17.77	<=38.45	Pass
			13	20.49	-1.15	17.19	<=38.45	Pass
			25	21.12	-1.15	17.82	<=38.45	Pass
		50	0	20.48	-1.15	17.18	<=38.45	Pass
			0	21.24	-1.15	17.94	<=38.45	Pass
			25	21.20	-1.15	17.90	<=38.45	Pass
	829	1	49	20.94	-1.15	17.64	<=38.45	Pass
			0	19.79	-1.15	16.49	<=38.45	Pass
			13	19.77	-1.15	16.47	<=38.45	Pass
		25	25	20.34	-1.15	17.04	<=38.45	Pass
			0	19.67	-1.15	16.37	<=38.45	Pass
			0	21.30	-1.15	18.00	<=38.45	Pass
		1	25	21.76	-1.15	18.46	<=38.45	Pass
			49	21.75	-1.15	18.45	<=38.45	Pass
			0	19.89	-1.15	16.59	<=38.45	Pass
	836.5	25	13	20.27	-1.15	16.97	<=38.45	Pass
			25	20.34	-1.15	17.04	<=38.45	Pass
			0	20.29	-1.15	16.99	<=38.45	Pass
		50	0	21.72	-1.15	18.42	<=38.45	Pass
			25	21.09	-1.15	17.79	<=38.45	Pass
			49	21.39	-1.15	18.09	<=38.45	Pass
		1	0	20.15	-1.15	16.85	<=38.45	Pass
			13	19.59	-1.15	16.29	<=38.45	Pass
			25	20.12	-1.15	16.82	<=38.45	Pass
	844	50	0	19.64	-1.15	16.34	<=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	-25.978	-0.0315	-2.5 to 2.5	Pass
					3.85	-47.379	-0.0574	-2.5 to 2.5	Pass
					4.43	-28.481	-0.0345	-2.5 to 2.5	Pass
				-30	3.85	-43.545	-0.0528	-2.5 to 2.5	Pass
				-20	3.85	-42.400	-0.0514	-2.5 to 2.5	Pass
				-10	3.85	-32.530	-0.0394	-2.5 to 2.5	Pass
				0	3.85	-29.840	-0.0362	-2.5 to 2.5	Pass
				10	3.85	-3.433	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-23.704	-0.0287	-2.5 to 2.5	Pass
				40	3.85	-42.186	-0.0512	-2.5 to 2.5	Pass
				50	3.85	-6.609	-0.0080	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	11.816	0.0141	-2.5 to 2.5	Pass
					3.85	4.220	0.0050	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-9.856	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-14.234	-0.0170	-2.5 to 2.5	Pass
				-10	3.85	-18.754	-0.0224	-2.5 to 2.5	Pass

				0	3.85	-22.216	-0.0266	-2.5 to 2.5	Pass
				10	3.85	-23.718	-0.0284	-2.5 to 2.5	Pass
				30	3.85	-25.635	-0.0306	-2.5 to 2.5	Pass
				40	3.85	-28.753	-0.0344	-2.5 to 2.5	Pass
				50	3.85	-30.541	-0.0365	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	4.392	0.0052	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	0.143	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.588	-0.0019	-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	0.272	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				50	3.85	-3.920	-0.0046	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-18.582	-0.0225	-2.5 to 2.5	Pass
					3.85	-29.068	-0.0352	-2.5 to 2.5	Pass
					4.43	-36.349	-0.0441	-2.5 to 2.5	Pass
				-30	3.85	-44.532	-0.0540	-2.5 to 2.5	Pass
				-20	3.85	-45.376	-0.0550	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.774	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-10.514	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-15.378	-0.0186	-2.5 to 2.5	Pass
				50	3.85	-16.437	-0.0199	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-32.487	-0.0388	-2.5 to 2.5	Pass
					3.85	-32.229	-0.0385	-2.5 to 2.5	Pass
					4.43	-31.915	-0.0382	-2.5 to 2.5	Pass
				-30	3.85	-33.903	-0.0405	-2.5 to 2.5	Pass
				-20	3.85	-32.072	-0.0383	-2.5 to 2.5	Pass
				-10	3.85	-35.319	-0.0422	-2.5 to 2.5	Pass
				0	3.85	-34.962	-0.0418	-2.5 to 2.5	Pass
				10	3.85	-34.418	-0.0411	-2.5 to 2.5	Pass
				30	3.85	-35.076	-0.0419	-2.5 to 2.5	Pass
				40	3.85	-36.650	-0.0438	-2.5 to 2.5	Pass
				50	3.85	-32.072	-0.0383	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-3.090	-0.0036	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.701	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.333	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-2.947	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-3.176	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.476	-0.0041	-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	3.076	0.0037	-2.5 to 2.5	Pass
					3.85	-5.808	-0.0070	-2.5 to 2.5	Pass

16QAM					4.43	-12.817	-0.0155	-2.5 to 2.5	Pass
				-30	3.85	-20.142	-0.0244	-2.5 to 2.5	Pass
				-20	3.85	-23.675	-0.0287	-2.5 to 2.5	Pass
				-10	3.85	-24.877	-0.0301	-2.5 to 2.5	Pass
				0	3.85	-29.154	-0.0353	-2.5 to 2.5	Pass
				10	3.85	-28.009	-0.0339	-2.5 to 2.5	Pass
				30	3.85	-32.115	-0.0389	-2.5 to 2.5	Pass
				40	3.85	-33.746	-0.0409	-2.5 to 2.5	Pass
				50	3.85	-33.946	-0.0411	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	11.601	0.0139	-2.5 to 2.5	Pass
					3.85	4.921	0.0059	-2.5 to 2.5	Pass
					4.43	1.931	0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.747	0.0033	-2.5 to 2.5	Pass
				0	3.85	3.905	0.0047	-2.5 to 2.5	Pass
				10	3.85	1.173	0.0014	-2.5 to 2.5	Pass
				30	3.85	2.747	0.0033	-2.5 to 2.5	Pass
				40	3.85	3.548	0.0042	-2.5 to 2.5	Pass
				50	3.85	1.173	0.0014	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	6.924	0.0082	-2.5 to 2.5	Pass
					3.85	6.223	0.0073	-2.5 to 2.5	Pass
					4.43	8.454	0.0100	-2.5 to 2.5	Pass
				-30	3.85	6.309	0.0074	-2.5 to 2.5	Pass
				-20	3.85	10.071	0.0119	-2.5 to 2.5	Pass
				-10	3.85	10.915	0.0129	-2.5 to 2.5	Pass
				0	3.85	10.185	0.0120	-2.5 to 2.5	Pass
				10	3.85	9.899	0.0117	-2.5 to 2.5	Pass
				30	3.85	10.829	0.0128	-2.5 to 2.5	Pass
				40	3.85	9.627	0.0114	-2.5 to 2.5	Pass
				50	3.85	10.343	0.0122	-2.5 to 2.5	Pass
	825.5	15	0	20	3.27	-34.318	-0.0416	-2.5 to 2.5	Pass
					3.85	-32.043	-0.0388	-2.5 to 2.5	Pass
					4.43	-32.516	-0.0394	-2.5 to 2.5	Pass
				-30	3.85	-31.700	-0.0384	-2.5 to 2.5	Pass
				-20	3.85	-31.500	-0.0382	-2.5 to 2.5	Pass
				-10	3.85	-33.674	-0.0408	-2.5 to 2.5	Pass
				0	3.85	-31.242	-0.0378	-2.5 to 2.5	Pass
				10	3.85	-33.188	-0.0402	-2.5 to 2.5	Pass
				30	3.85	-31.271	-0.0379	-2.5 to 2.5	Pass
				40	3.85	-31.986	-0.0387	-2.5 to 2.5	Pass
				50	3.85	-32.530	-0.0394	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	4.077	0.0049	-2.5 to 2.5	Pass
					3.85	1.631	0.0019	-2.5 to 2.5	Pass
					4.43	3.219	0.0038	-2.5 to 2.5	Pass
				-30	3.85	2.618	0.0031	-2.5 to 2.5	Pass
				-20	3.85	3.333	0.0040	-2.5 to 2.5	Pass
				-10	3.85	3.719	0.0044	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.117	0.0025	-2.5 to 2.5	Pass
				40	3.85	2.646	0.0032	-2.5 to 2.5	Pass
				50	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	9.227	0.0109	-2.5 to 2.5	Pass
					3.85	10.772	0.0127	-2.5 to 2.5	Pass
					4.43	12.059	0.0142	-2.5 to 2.5	Pass
				-30	3.85	10.514	0.0124	-2.5 to 2.5	Pass
				-20	3.85	10.371	0.0122	-2.5 to 2.5	Pass
				-10	3.85	7.954	0.0094	-2.5 to 2.5	Pass

				0	3.85	5.021	0.0059	-2.5 to 2.5	Pass
				10	3.85	7.811	0.0092	-2.5 to 2.5	Pass
				30	3.85	7.682	0.0091	-2.5 to 2.5	Pass
				40	3.85	8.111	0.0096	-2.5 to 2.5	Pass
				50	3.85	5.436	0.0064	-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	5.922	0.0072	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0051	-2.5 to 2.5	Pass
					4.43	-9.298	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-13.289	-0.0161	-2.5 to 2.5	Pass
				-20	3.85	-16.279	-0.0197	-2.5 to 2.5	Pass
				-10	3.85	-18.239	-0.0221	-2.5 to 2.5	Pass
				0	3.85	-18.840	-0.0228	-2.5 to 2.5	Pass
				10	3.85	-21.229	-0.0257	-2.5 to 2.5	Pass
				30	3.85	-20.785	-0.0251	-2.5 to 2.5	Pass
				40	3.85	-21.958	-0.0266	-2.5 to 2.5	Pass
				50	3.85	-25.320	-0.0306	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	8.097	0.0097	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-9.656	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.459	-0.0017	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	5.064	0.0060	-2.5 to 2.5	Pass
					3.85	2.203	0.0026	-2.5 to 2.5	Pass
					4.43	3.619	0.0043	-2.5 to 2.5	Pass
				-30	3.85	3.791	0.0045	-2.5 to 2.5	Pass
				-20	3.85	2.818	0.0033	-2.5 to 2.5	Pass
				-10	3.85	5.965	0.0070	-2.5 to 2.5	Pass
				0	3.85	5.622	0.0066	-2.5 to 2.5	Pass
				10	3.85	7.710	0.0091	-2.5 to 2.5	Pass
				30	3.85	9.055	0.0107	-2.5 to 2.5	Pass
				40	3.85	9.141	0.0108	-2.5 to 2.5	Pass
				50	3.85	7.567	0.0089	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-23.146	-0.0280	-2.5 to 2.5	Pass
					3.85	-21.615	-0.0262	-2.5 to 2.5	Pass
					4.43	-21.658	-0.0262	-2.5 to 2.5	Pass
				-30	3.85	-23.203	-0.0281	-2.5 to 2.5	Pass
				-20	3.85	-21.501	-0.0260	-2.5 to 2.5	Pass
				-10	3.85	-23.303	-0.0282	-2.5 to 2.5	Pass
				0	3.85	-23.360	-0.0283	-2.5 to 2.5	Pass
				10	3.85	-22.316	-0.0270	-2.5 to 2.5	Pass
				30	3.85	-23.131	-0.0280	-2.5 to 2.5	Pass
				40	3.85	-24.104	-0.0292	-2.5 to 2.5	Pass
				50	3.85	-24.033	-0.0291	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	0.973	0.0012	-2.5 to 2.5	Pass
					3.85	3.419	0.0041	-2.5 to 2.5	Pass

					4.43	0.644	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.488	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.616	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.605	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-5.121	-0.0061	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	11.101	0.0131	-2.5 to 2.5	Pass
					3.85	9.842	0.0116	-2.5 to 2.5	Pass
					4.43	8.340	0.0099	-2.5 to 2.5	Pass
				-30	3.85	9.413	0.0111	-2.5 to 2.5	Pass
				-20	3.85	6.523	0.0077	-2.5 to 2.5	Pass
				-10	3.85	8.111	0.0096	-2.5 to 2.5	Pass
				0	3.85	4.506	0.0053	-2.5 to 2.5	Pass
				10	3.85	1.545	0.0018	-2.5 to 2.5	Pass
				30	3.85	6.824	0.0081	-2.5 to 2.5	Pass
				40	3.85	6.952	0.0082	-2.5 to 2.5	Pass
				50	3.85	6.294	0.0074	-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	0.987	0.0012	-2.5 to 2.5	Pass
					3.85	-9.985	-0.0120	-2.5 to 2.5	Pass
					4.43	-17.323	-0.0209	-2.5 to 2.5	Pass
				-30	3.85	-23.561	-0.0284	-2.5 to 2.5	Pass
				-20	3.85	-25.764	-0.0311	-2.5 to 2.5	Pass
				-10	3.85	-26.550	-0.0320	-2.5 to 2.5	Pass
				0	3.85	-28.825	-0.0348	-2.5 to 2.5	Pass
				10	3.85	-27.251	-0.0329	-2.5 to 2.5	Pass
				30	3.85	-29.984	-0.0362	-2.5 to 2.5	Pass
				40	3.85	-32.344	-0.0390	-2.5 to 2.5	Pass
				50	3.85	-31.457	-0.0379	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	6.065	0.0073	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
					4.43	-5.407	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0011	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0018	-2.5 to 2.5	Pass
				10	3.85	2.232	0.0027	-2.5 to 2.5	Pass
				30	3.85	1.431	0.0017	-2.5 to 2.5	Pass
				40	3.85	3.934	0.0047	-2.5 to 2.5	Pass
				50	3.85	1.287	0.0015	-2.5 to 2.5	Pass
	844	50	0	20	3.27	11.330	0.0134	-2.5 to 2.5	Pass
					3.85	3.948	0.0047	-2.5 to 2.5	Pass
					4.43	4.649	0.0055	-2.5 to 2.5	Pass
				-30	3.85	3.319	0.0039	-2.5 to 2.5	Pass
				-20	3.85	-32.115	-0.0381	-2.5 to 2.5	Pass
				-10	3.85	-13.647	-0.0162	-2.5 to 2.5	Pass
				0	3.85	-15.807	-0.0187	-2.5 to 2.5	Pass
				10	3.85	-34.232	-0.0406	-2.5 to 2.5	Pass
				30	3.85	-21.930	-0.0260	-2.5 to 2.5	Pass

16QAM				40	3.85	-34.919	-0.0414	-2.5 to 2.5	Pass
				50	3.85	-17.767	-0.0211	-2.5 to 2.5	Pass
	829	50	0	20	3.27	-29.612	-0.0357	-2.5 to 2.5	Pass
					3.85	-30.470	-0.0368	-2.5 to 2.5	Pass
					4.43	-26.493	-0.0320	-2.5 to 2.5	Pass
					-30	3.85	-32.387	-0.0391	-2.5 to 2.5
				-20	3.85	-32.215	-0.0389	-2.5 to 2.5	Pass
				-10	3.85	-28.782	-0.0347	-2.5 to 2.5	Pass
				0	3.85	-31.672	-0.0382	-2.5 to 2.5	Pass
				10	3.85	-31.285	-0.0377	-2.5 to 2.5	Pass
				30	3.85	-29.769	-0.0359	-2.5 to 2.5	Pass
				40	3.85	-31.357	-0.0378	-2.5 to 2.5	Pass
	50	3.85	-31.385	-0.0379	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.27	1.731	0.0021	-2.5 to 2.5	Pass
					3.85	5.822	0.0070	-2.5 to 2.5	Pass
					4.43	4.148	0.0050	-2.5 to 2.5	Pass
					-30	3.85	5.250	0.0063	-2.5 to 2.5
				-20	3.85	2.804	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.234	0.0051	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				10	3.85	2.074	0.0025	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.801	0.0010	-2.5 to 2.5	Pass
	50	3.85	1.845	0.0022	-2.5 to 2.5	Pass			
	844	50	0	20	3.27	-32.787	-0.0388	-2.5 to 2.5	Pass
					3.85	-44.889	-0.0532	-2.5 to 2.5	Pass
					4.43	-9.599	-0.0114	-2.5 to 2.5	Pass
					-30	3.85	-15.035	-0.0178	-2.5 to 2.5
				-20	3.85	-17.753	-0.0210	-2.5 to 2.5	Pass
				-10	3.85	-20.256	-0.0240	-2.5 to 2.5	Pass
				0	3.85	-23.832	-0.0282	-2.5 to 2.5	Pass
				10	3.85	-30.084	-0.0356	-2.5 to 2.5	Pass
				30	3.85	-30.484	-0.0361	-2.5 to 2.5	Pass
				40	3.85	-32.473	-0.0385	-2.5 to 2.5	Pass
	50	3.85	-29.154	-0.0345	-2.5 to 2.5	Pass			

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTV						
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

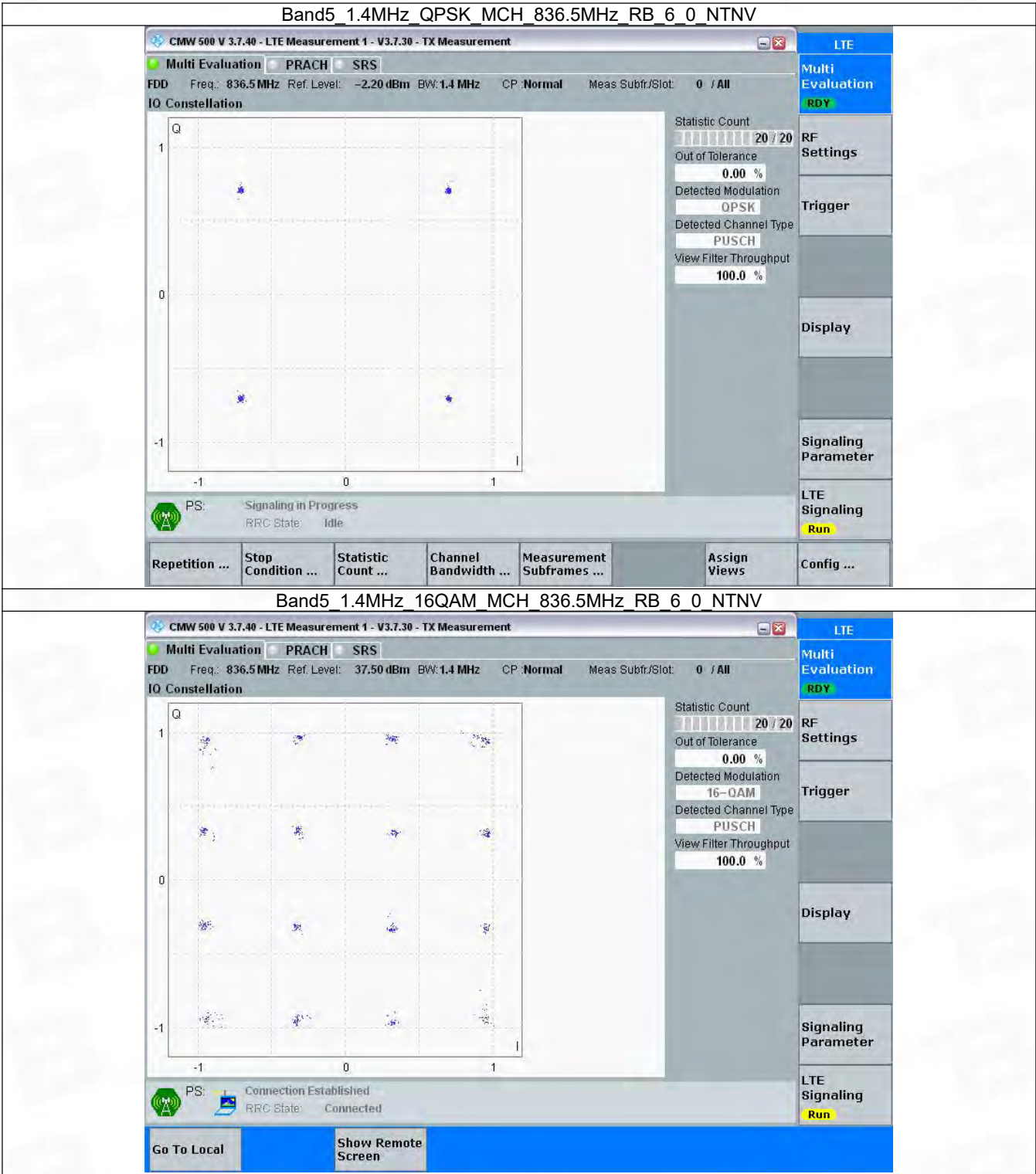
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

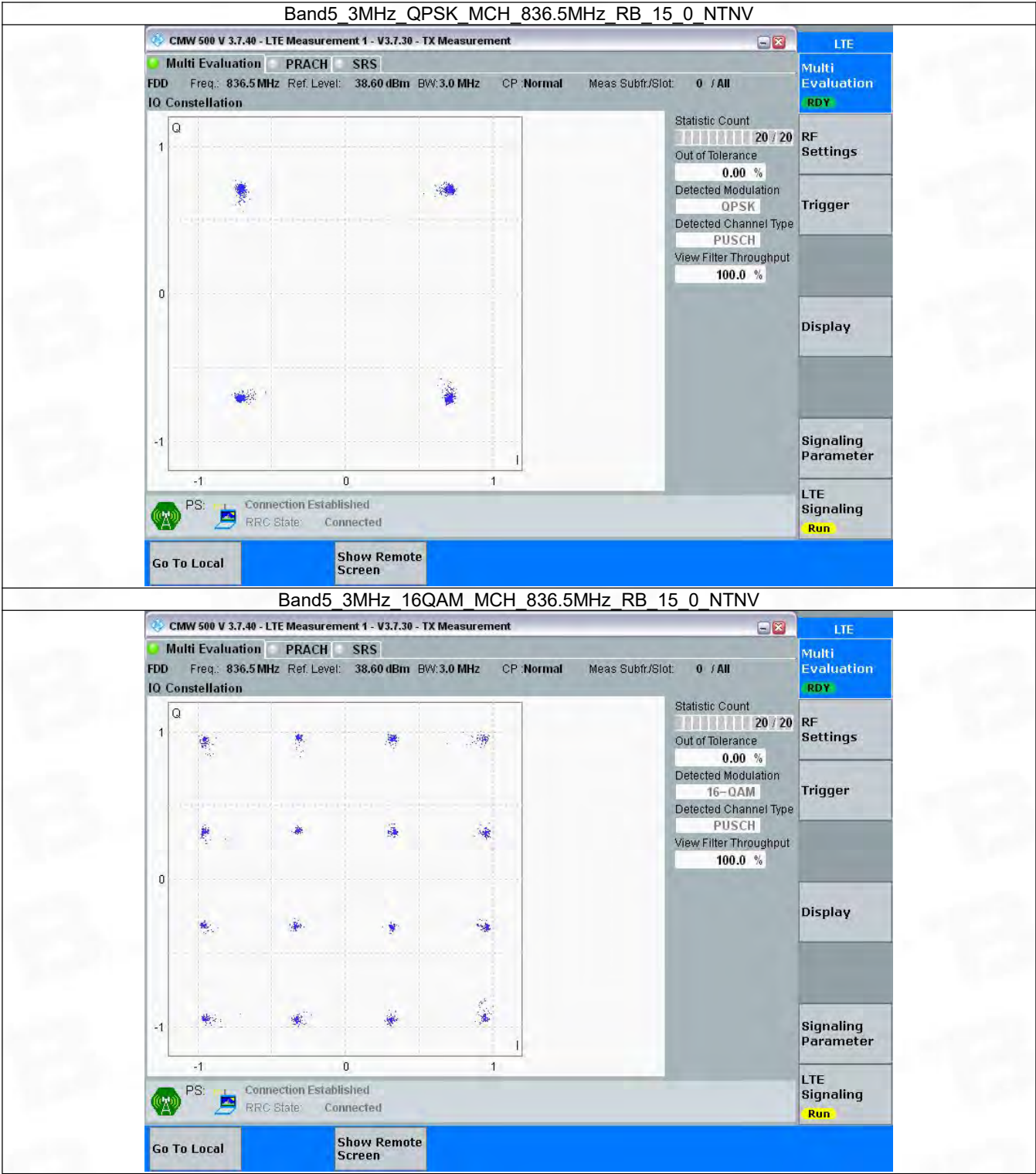
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

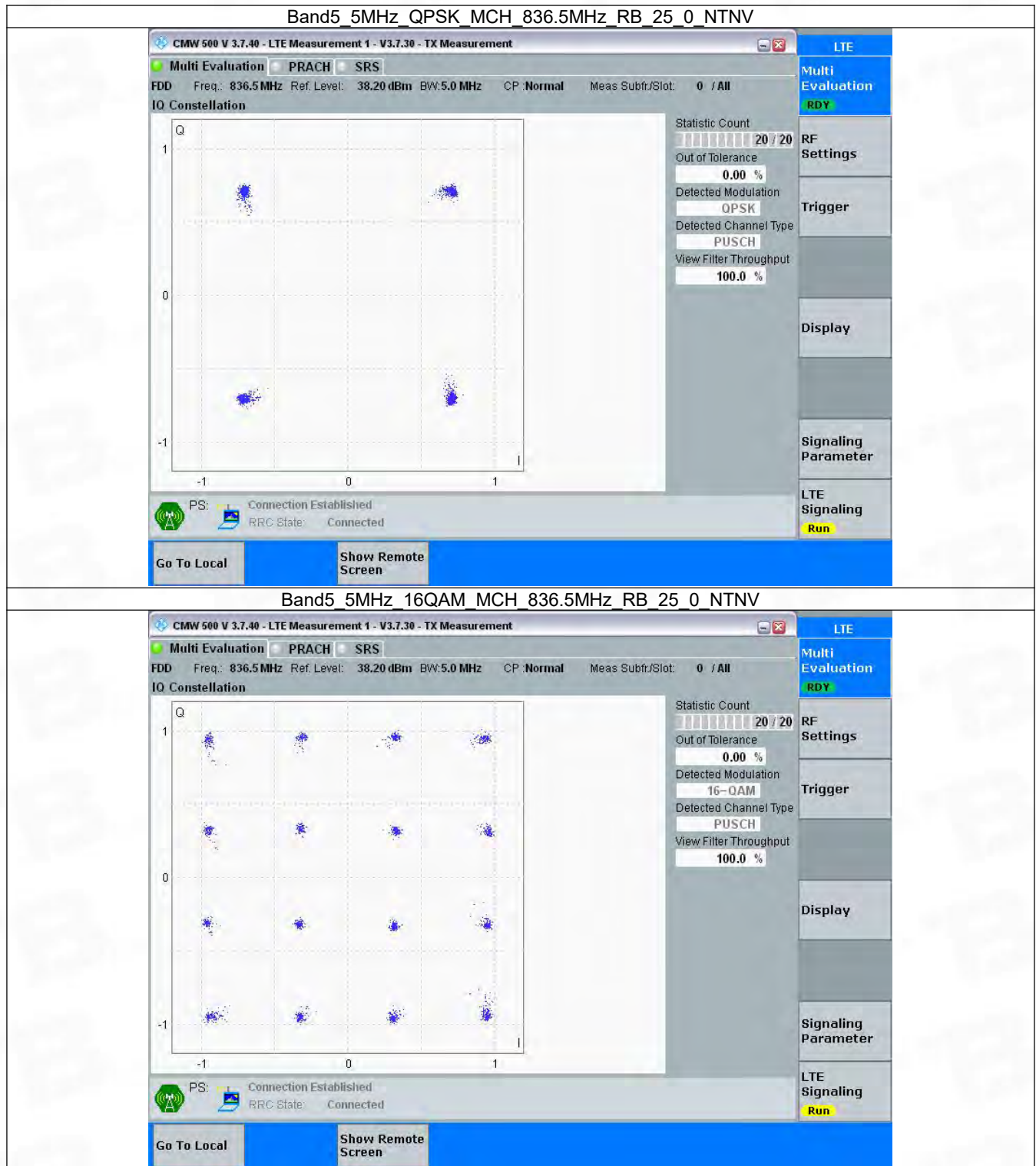
3.2.1 B5_1.4MHz



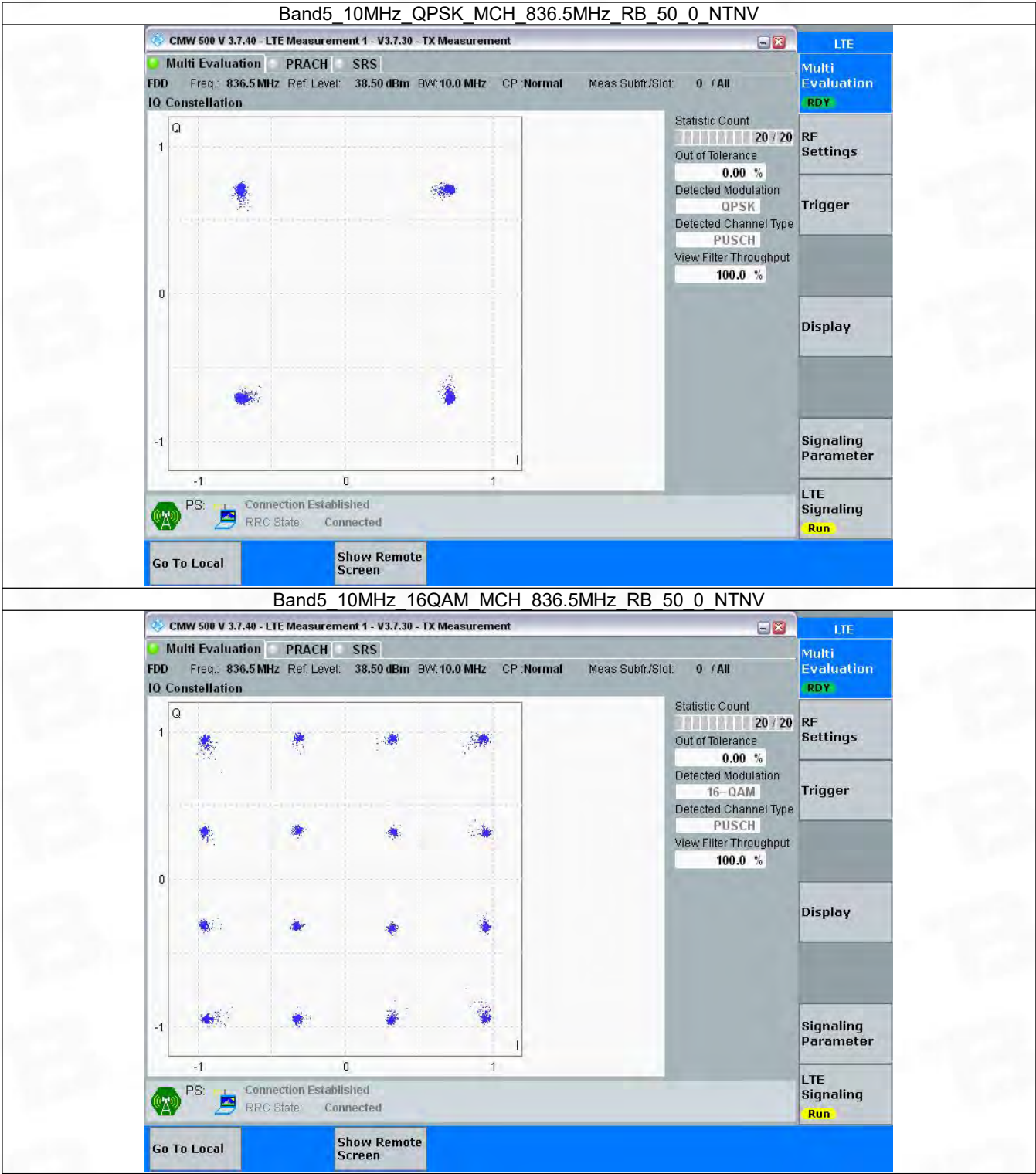
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



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	1.120	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.118	/	Pass
	16QAM	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.125	/	Pass
		848.3	6	0	1.121	/	Pass
3	QPSK	825.5	15	0	2.763	/	Pass
		836.5	15	0	2.752	/	Pass
		847.5	15	0	2.751	/	Pass
	16QAM	825.5	15	0	2.762	/	Pass
		836.5	15	0	2.752	/	Pass
		847.5	15	0	2.764	/	Pass
5	QPSK	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.571	/	Pass
		846.5	25	0	4.561	/	Pass
	16QAM	826.5	25	0	4.601	/	Pass
		836.5	25	0	4.574	/	Pass
		846.5	25	0	4.553	/	Pass
10	QPSK	829	50	0	9.133	/	Pass
		836.5	50	0	9.078	/	Pass
		844	50	0	9.044	/	Pass
	16QAM	829	50	0	9.093	/	Pass
		836.5	50	0	9.101	/	Pass
		844	50	0	9.059	/	Pass

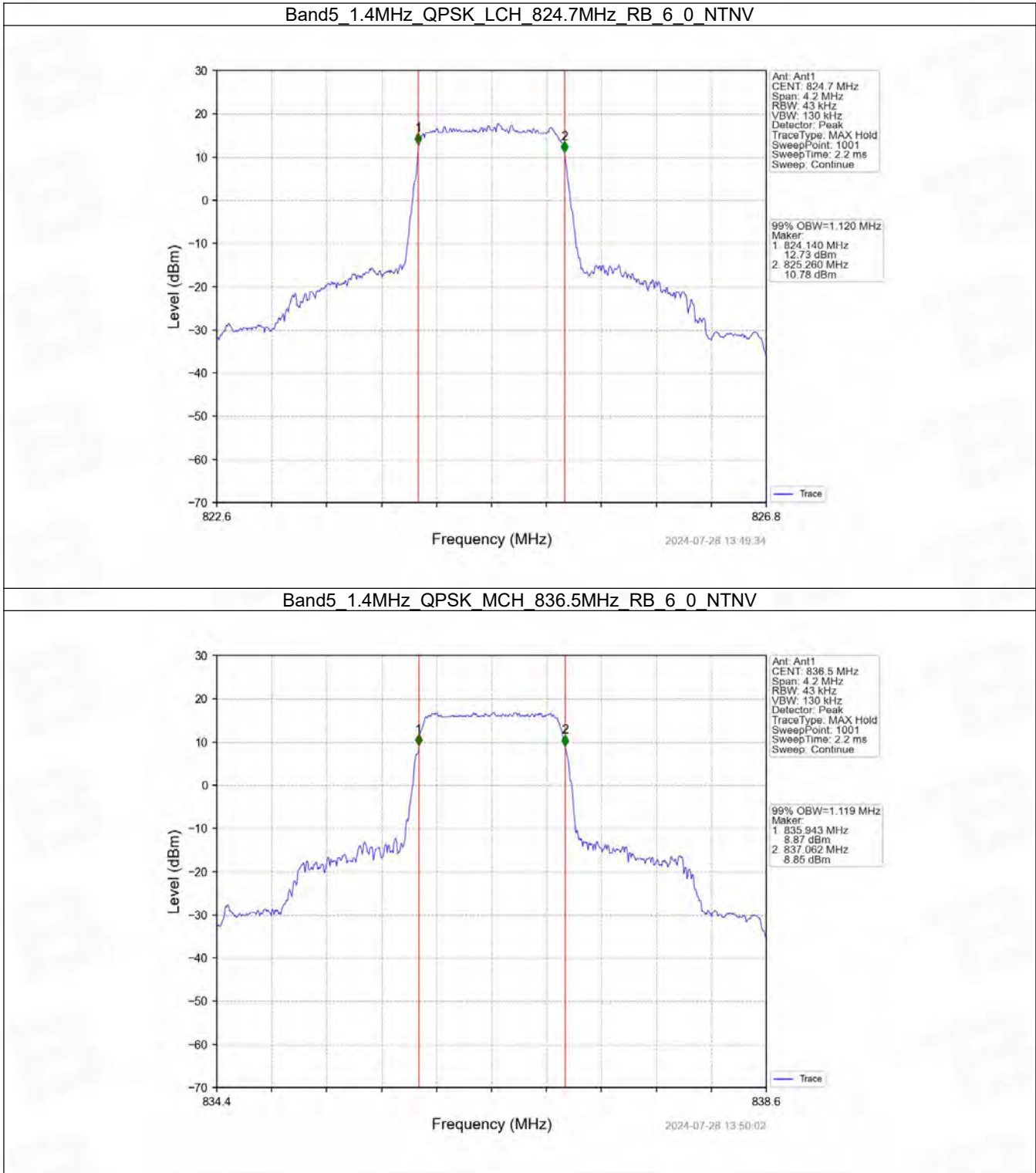
4.1.2 Band5_XDB

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	1.275	/	Pass
		836.5	6	0	1.292	/	Pass
		848.3	6	0	1.268	/	Pass
	16QAM	824.7	6	0	1.278	/	Pass
		836.5	6	0	1.284	/	Pass
		848.3	6	0	1.283	/	Pass
3	QPSK	825.5	15	0	3.089	/	Pass
		836.5	15	0	3.093	/	Pass
		847.5	15	0	3.103	/	Pass
	16QAM	825.5	15	0	3.137	/	Pass
		836.5	15	0	3.087	/	Pass
		847.5	15	0	3.092	/	Pass
5	QPSK	826.5	25	0	5.092	/	Pass
		836.5	25	0	5.057	/	Pass
		846.5	25	0	5.038	/	Pass

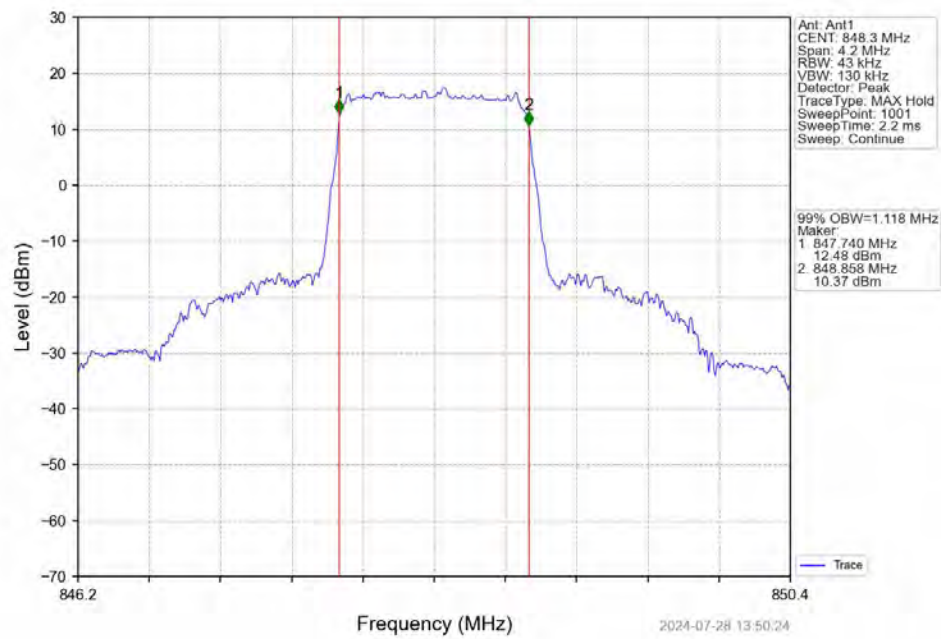
	16QAM	826.5	25	0	5.119	/	Pass
		836.5	25	0	5.057	/	Pass
		846.5	25	0	5.023	/	Pass
10	QPSK	829	50	0	10.085	/	Pass
		836.5	50	0	10.114	/	Pass
		844	50	0	10.045	/	Pass
	16QAM	829	50	0	10.087	/	Pass
		836.5	50	0	10.056	/	Pass
		844	50	0	10.084	/	Pass

4.2 Test Graph

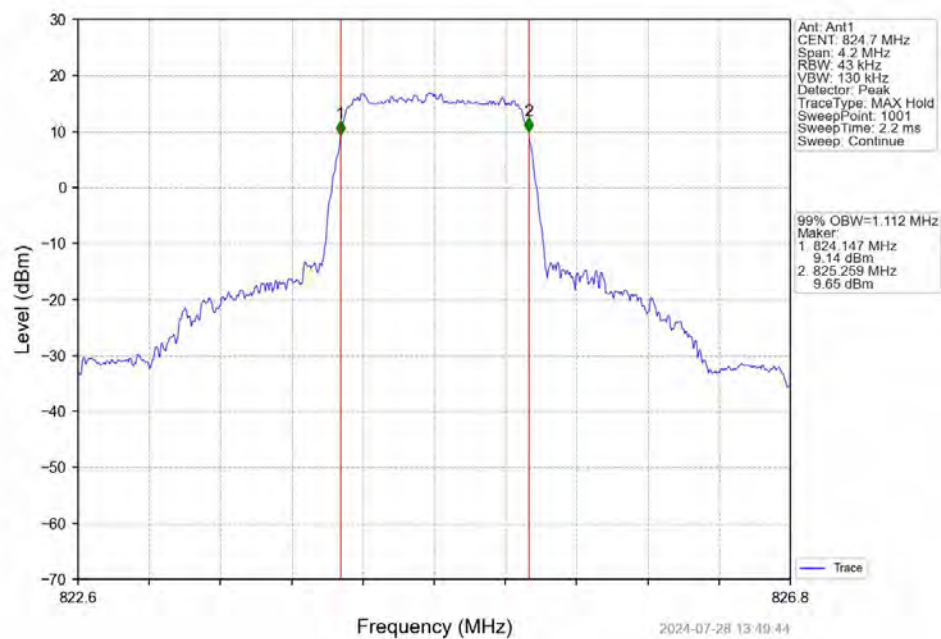
4.2.1 Band5_OBW



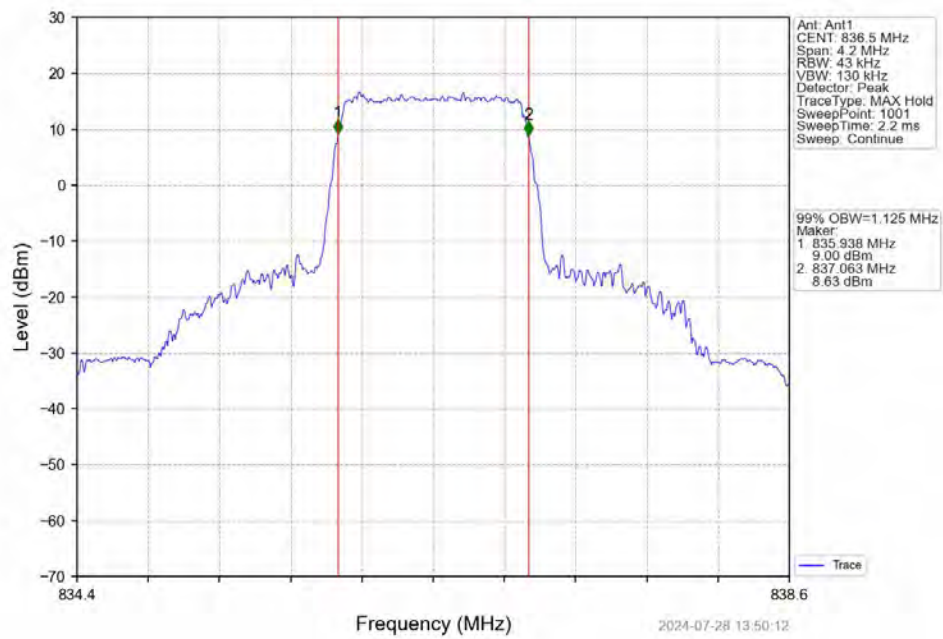
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



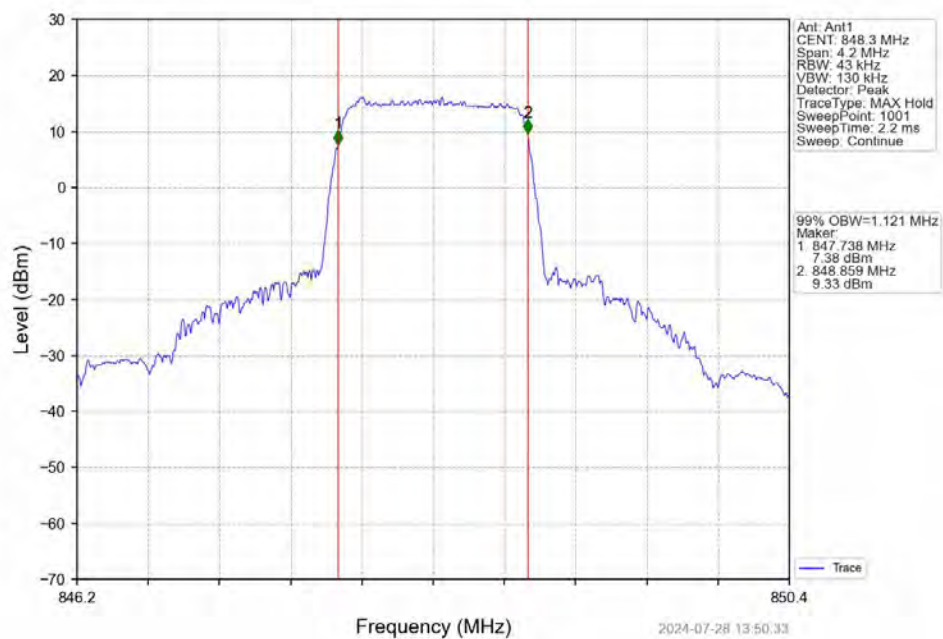
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



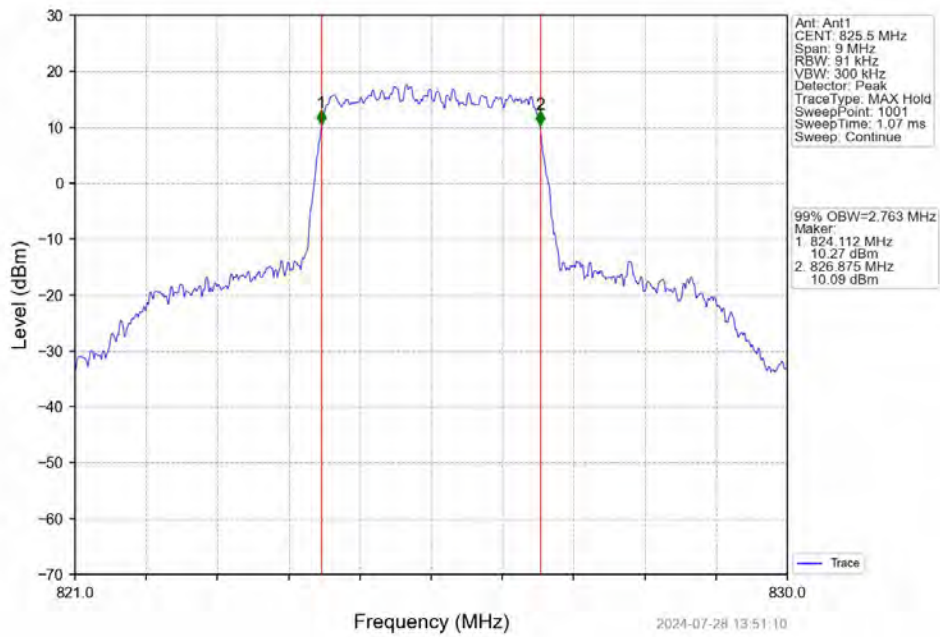
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



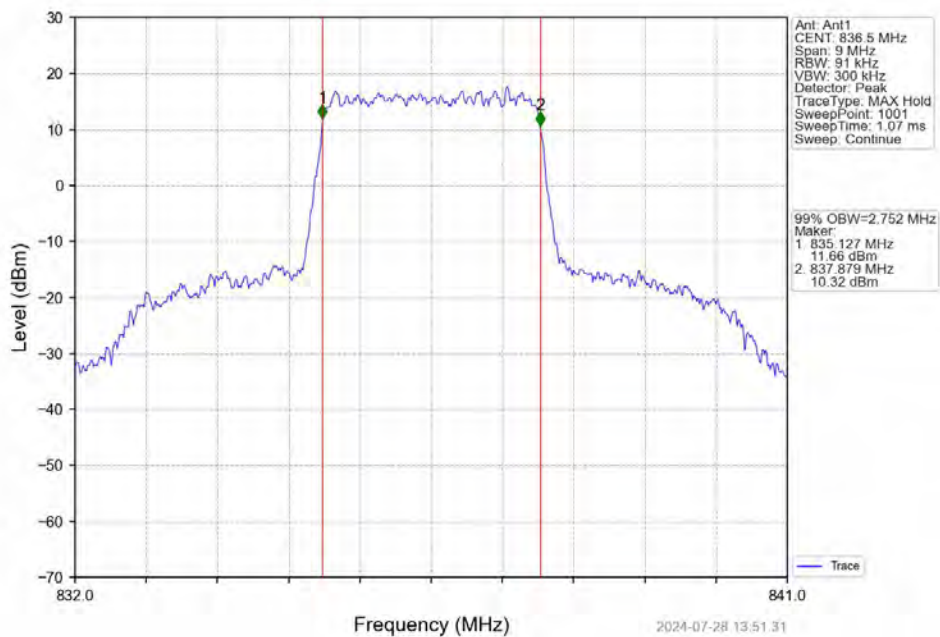
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



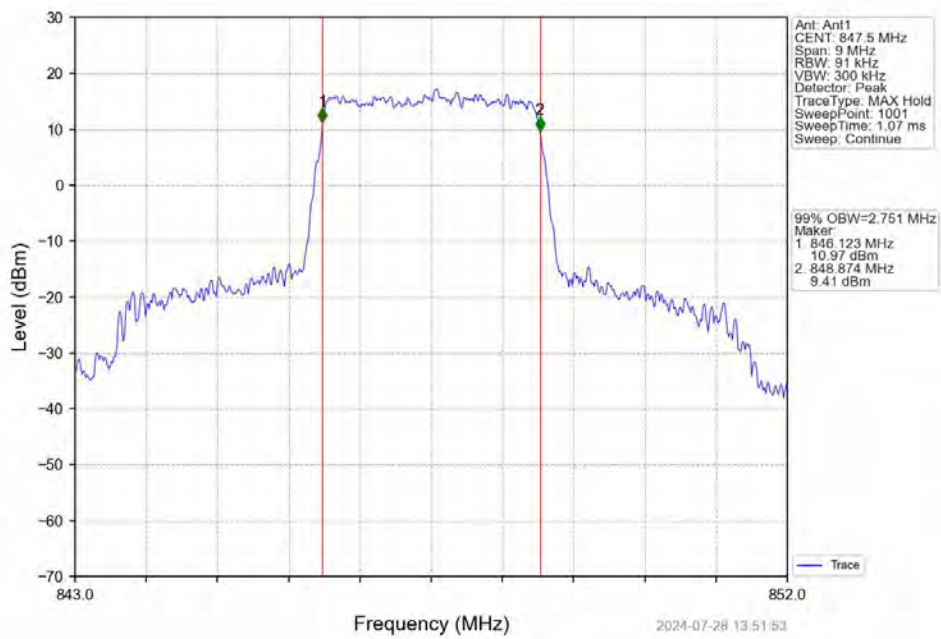
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



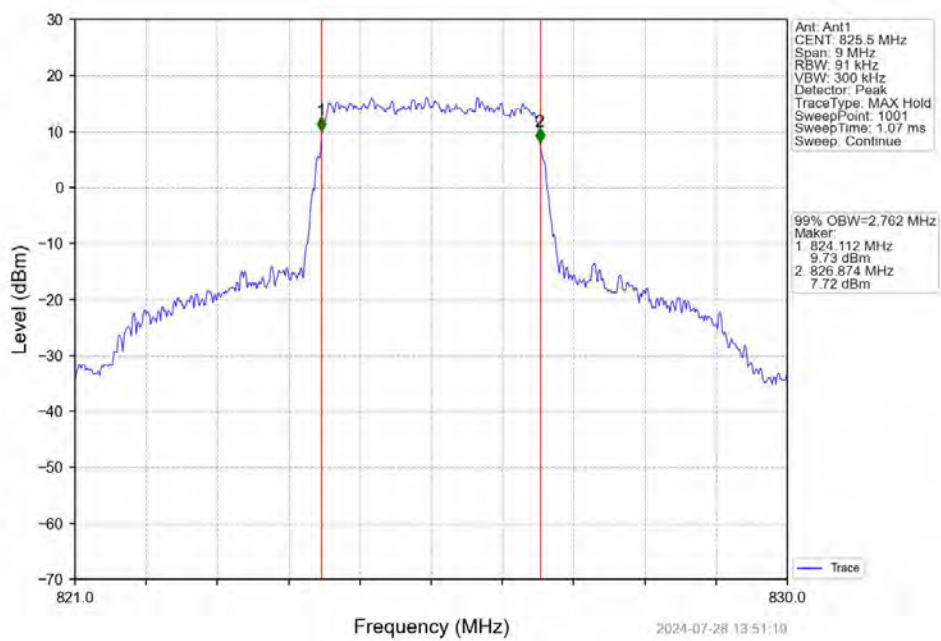
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



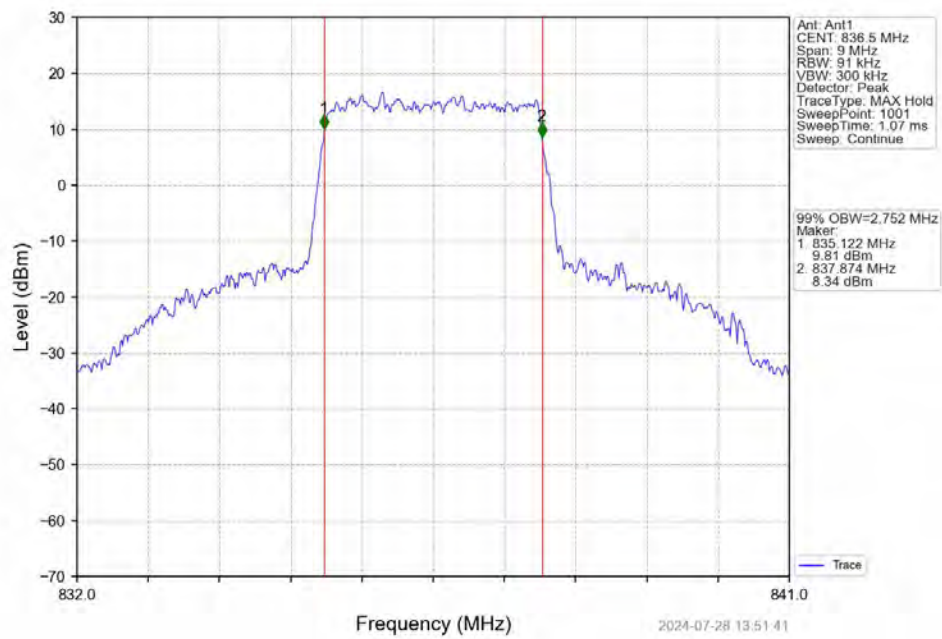
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



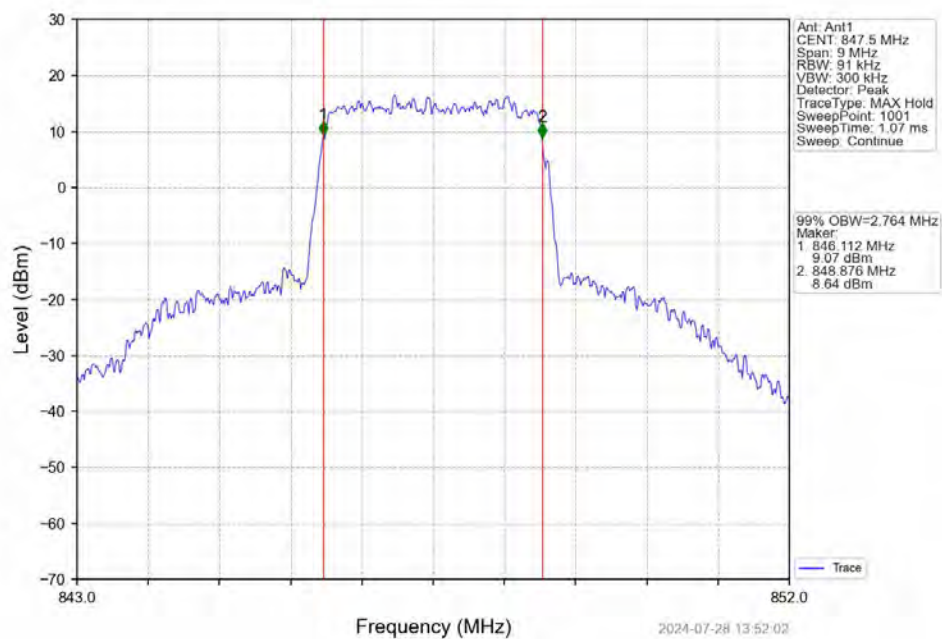
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



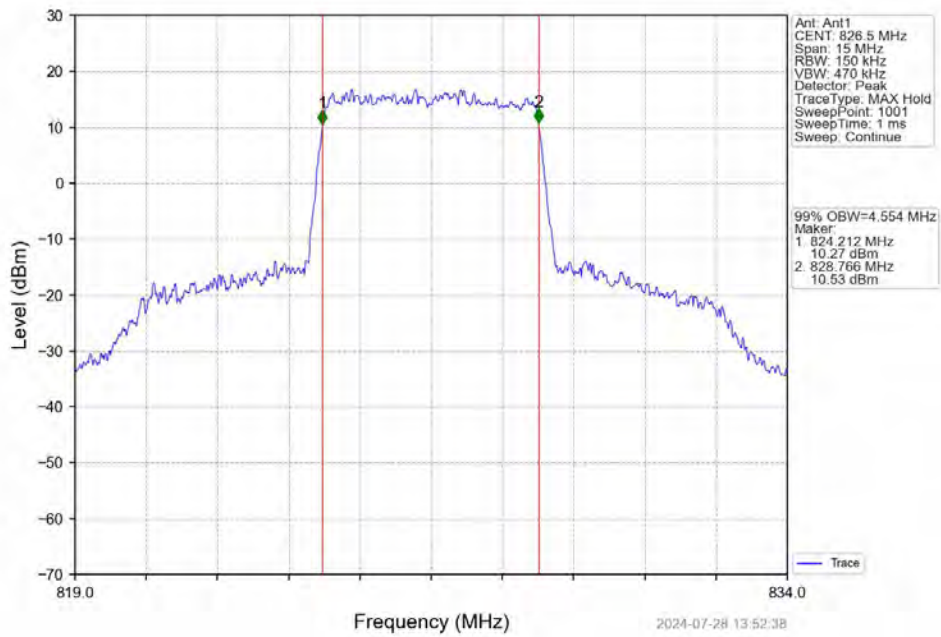
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



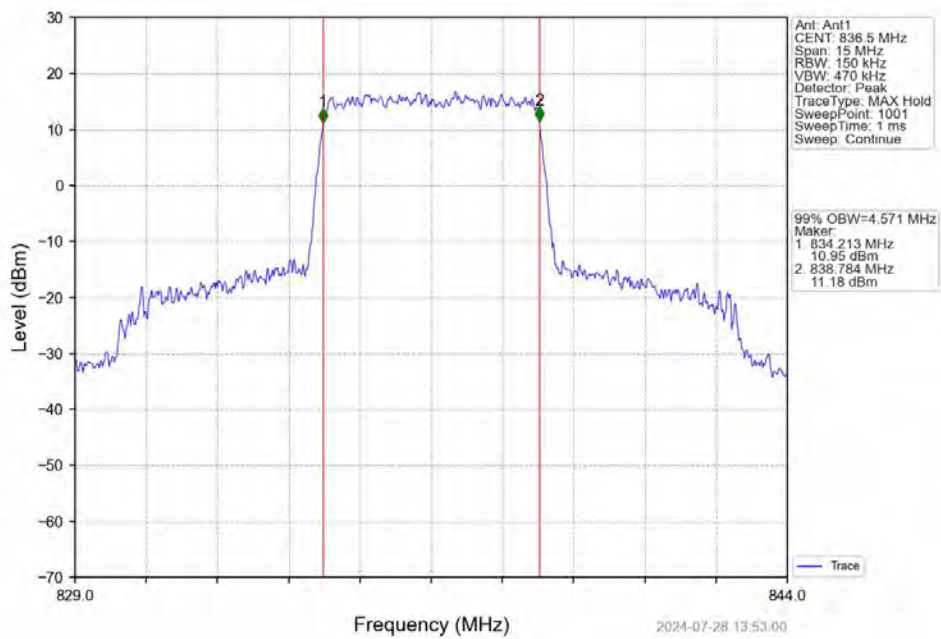
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



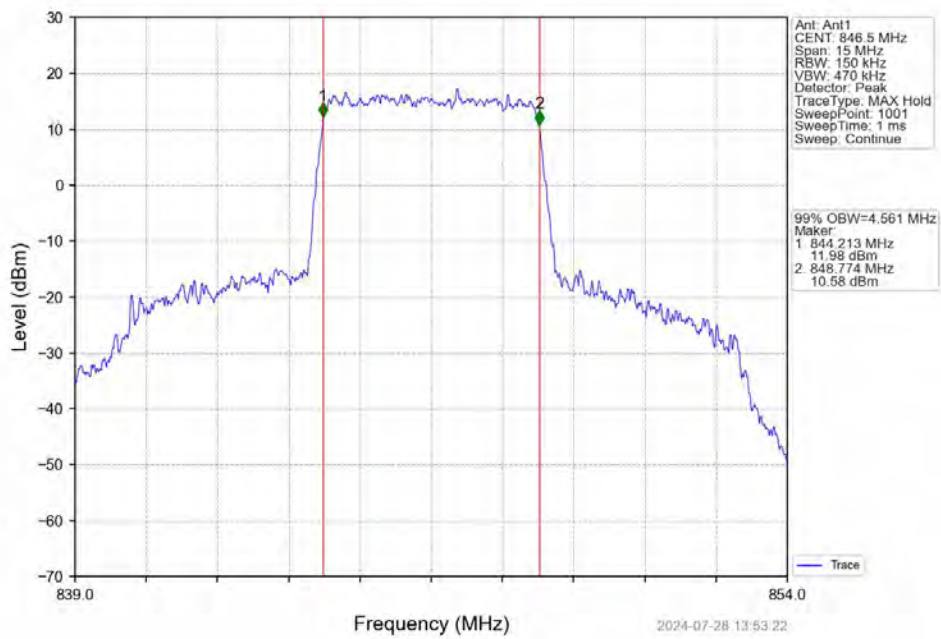
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



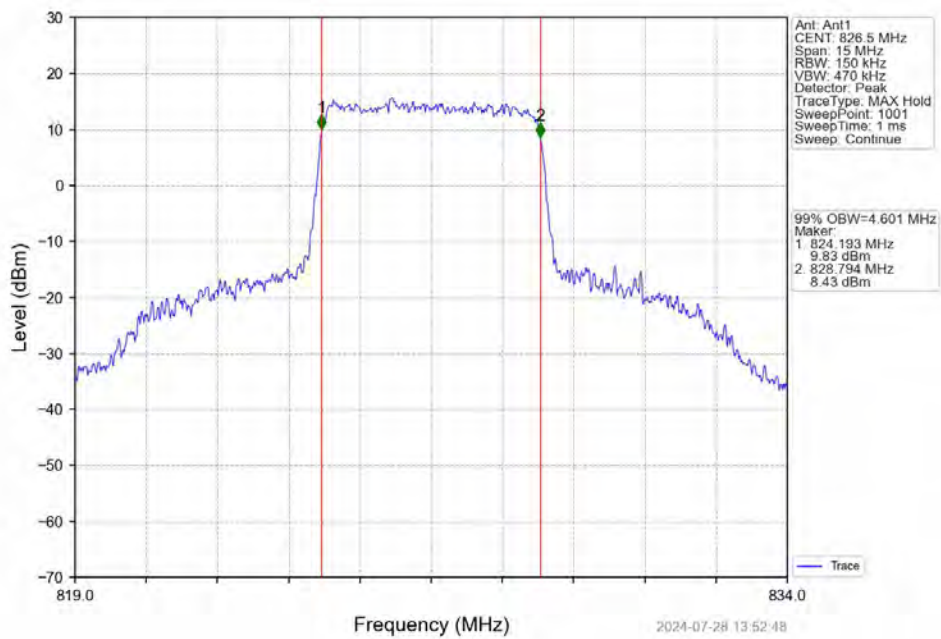
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



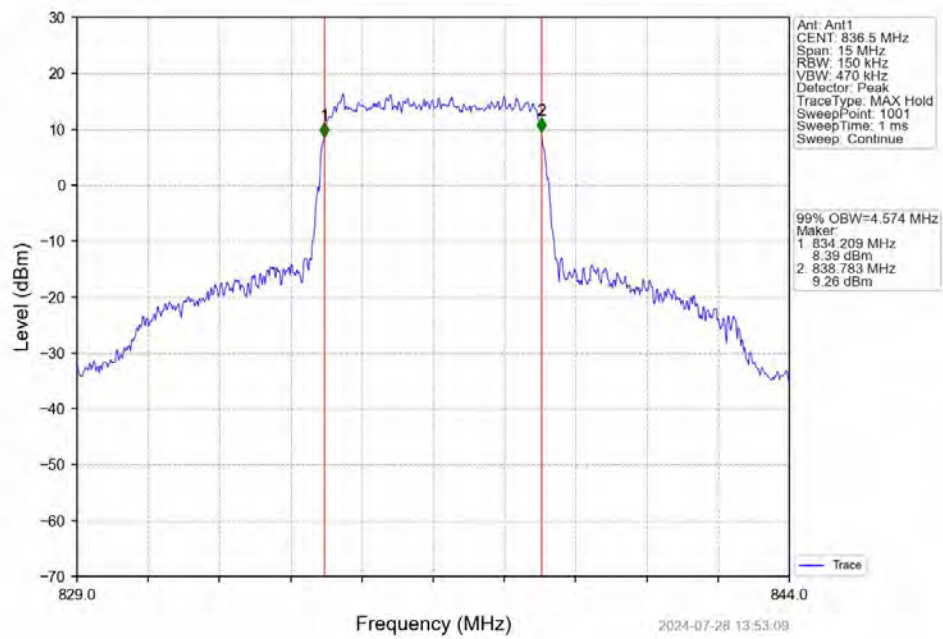
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



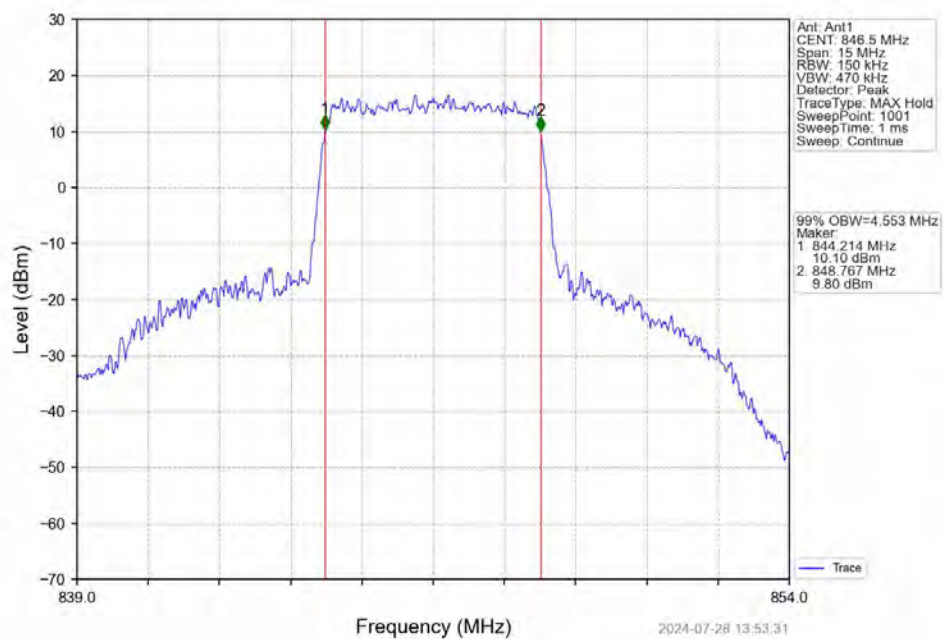
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



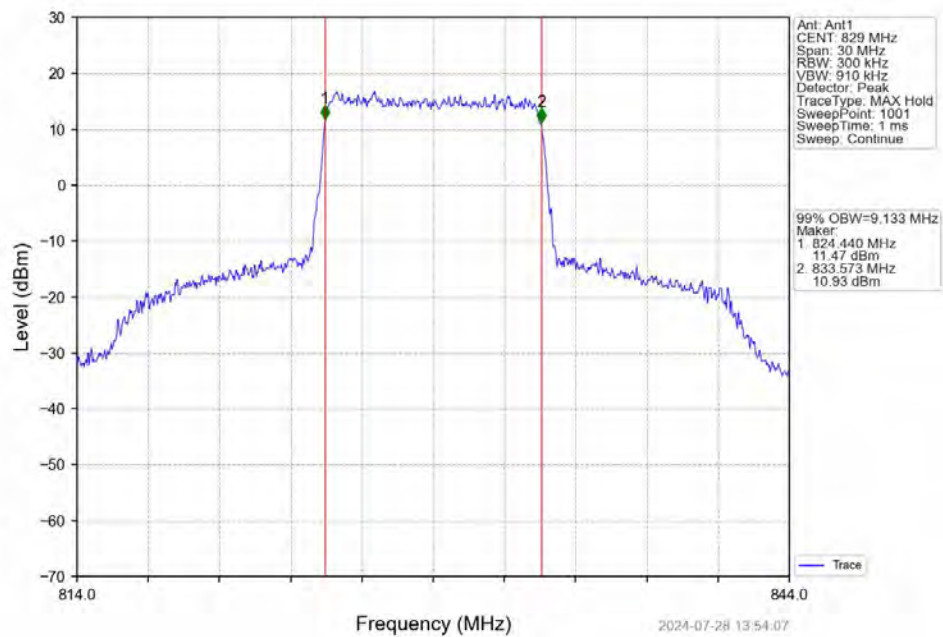
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



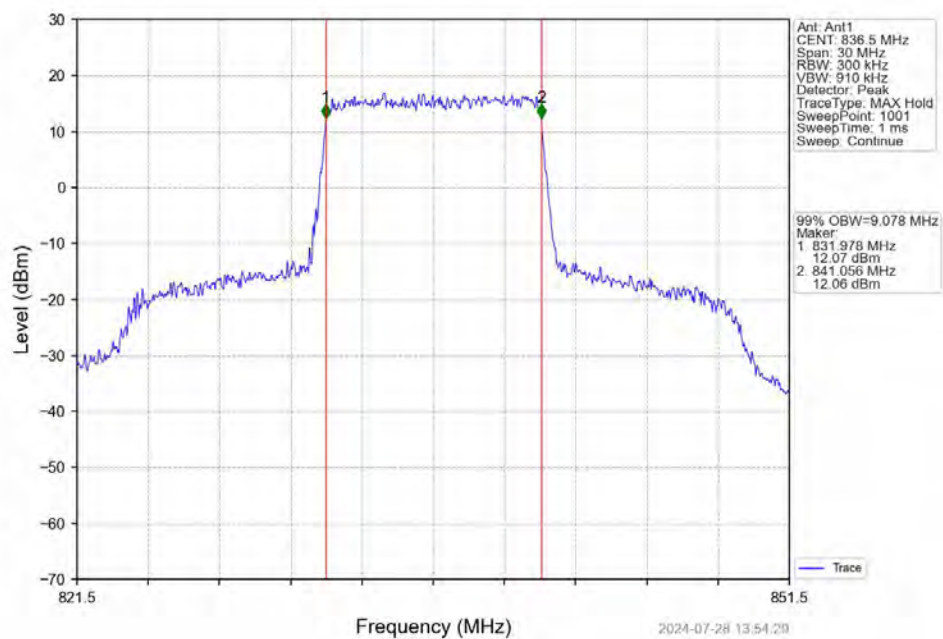
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



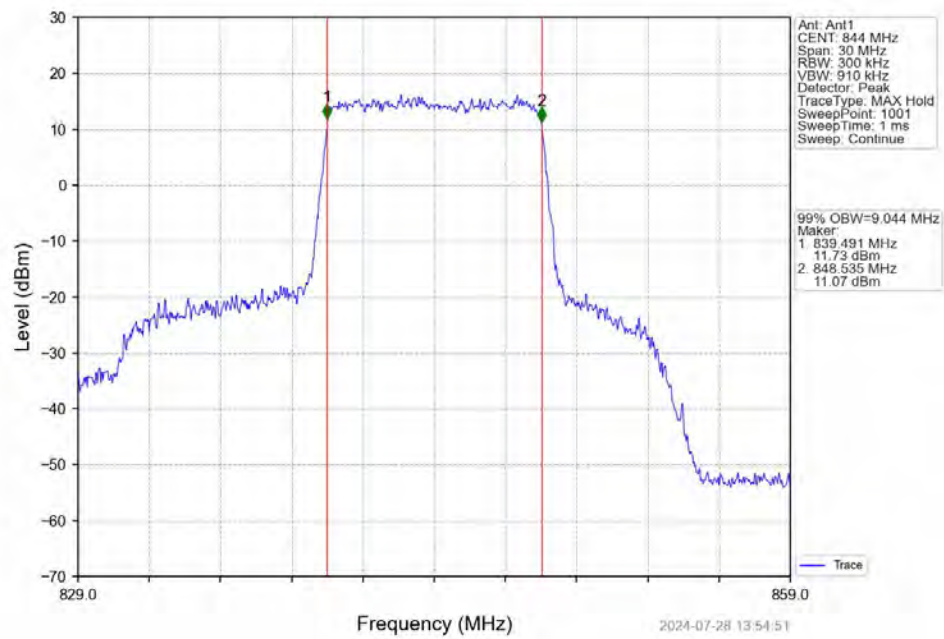
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



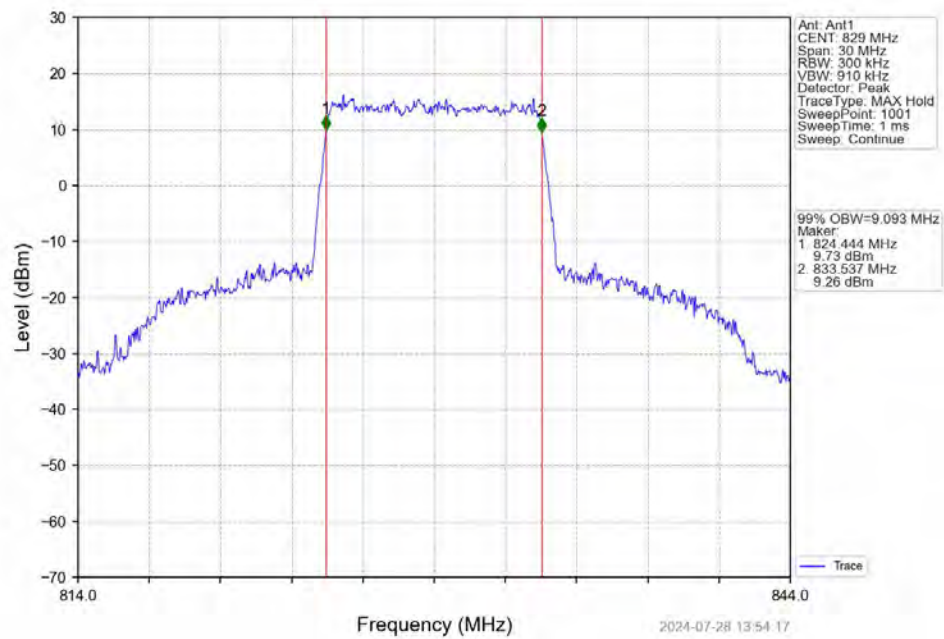
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



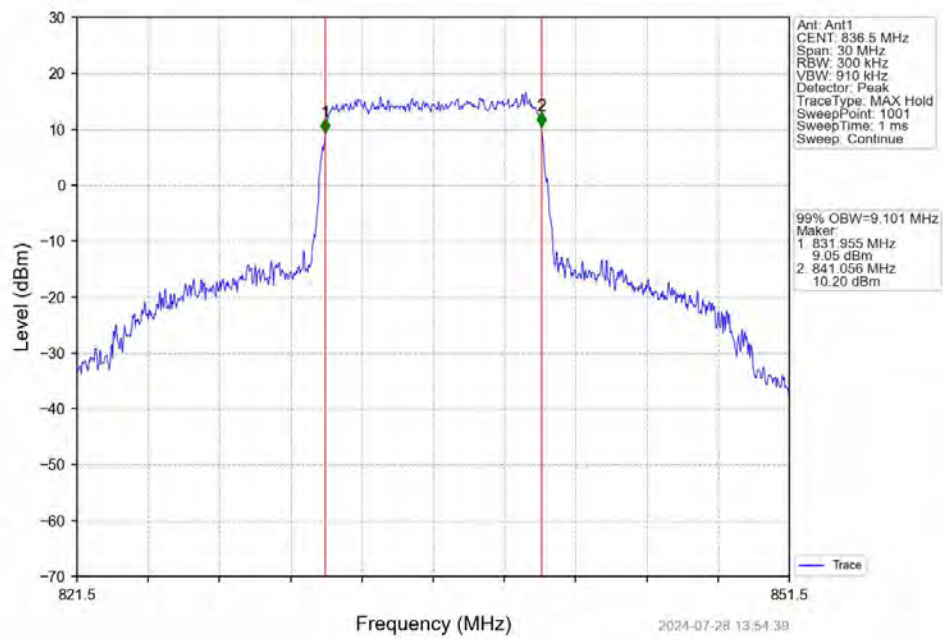
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



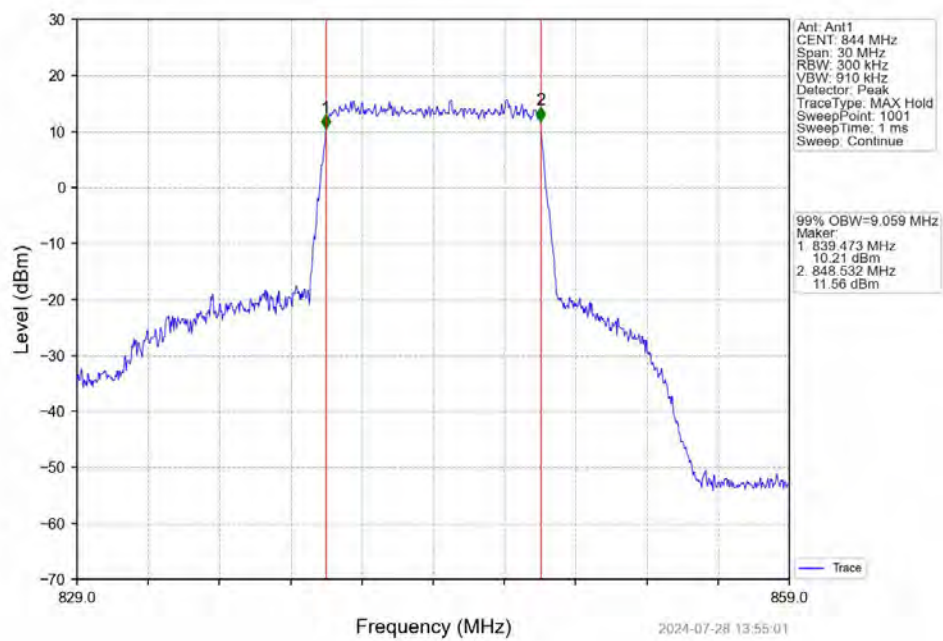
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



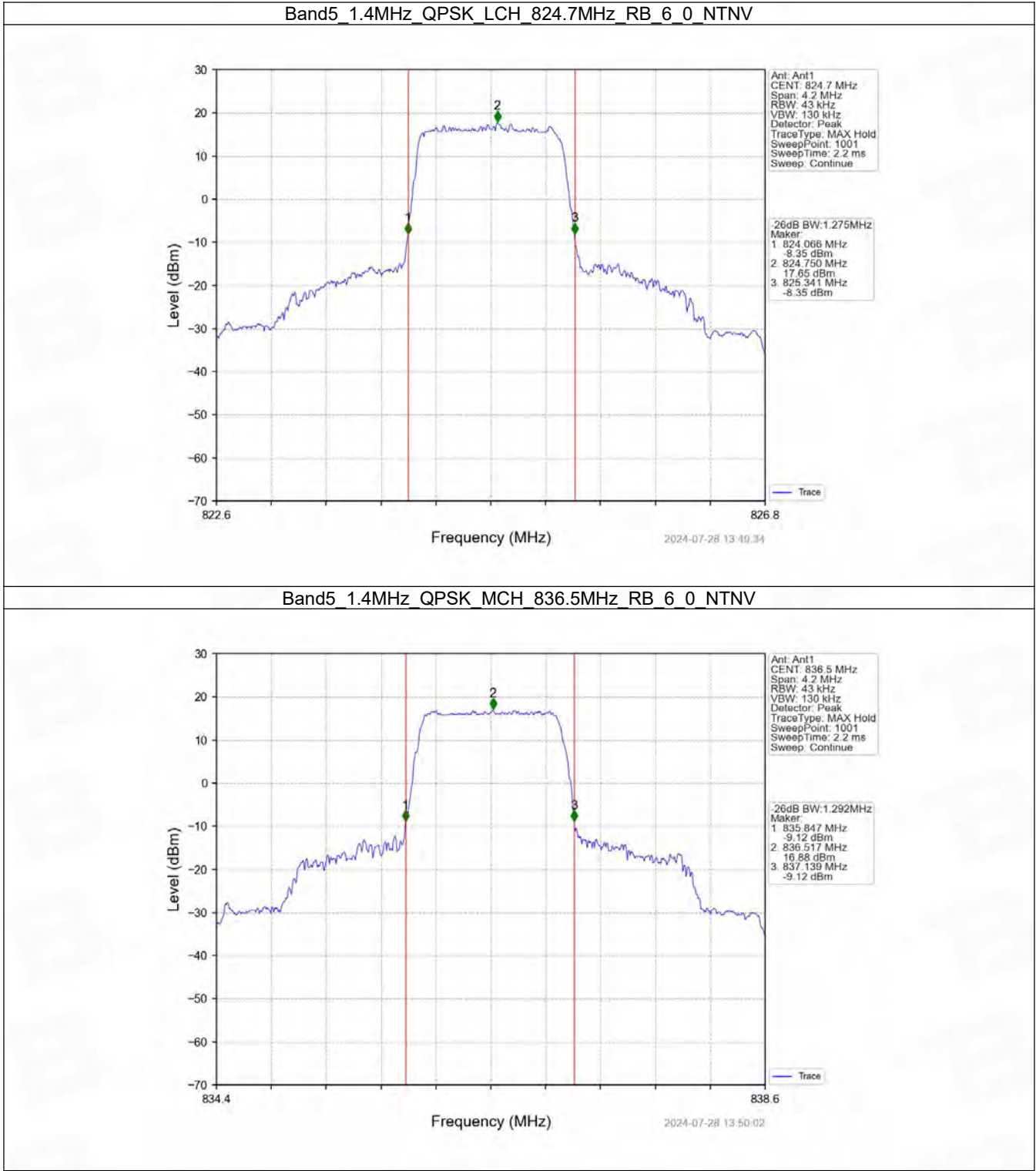
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



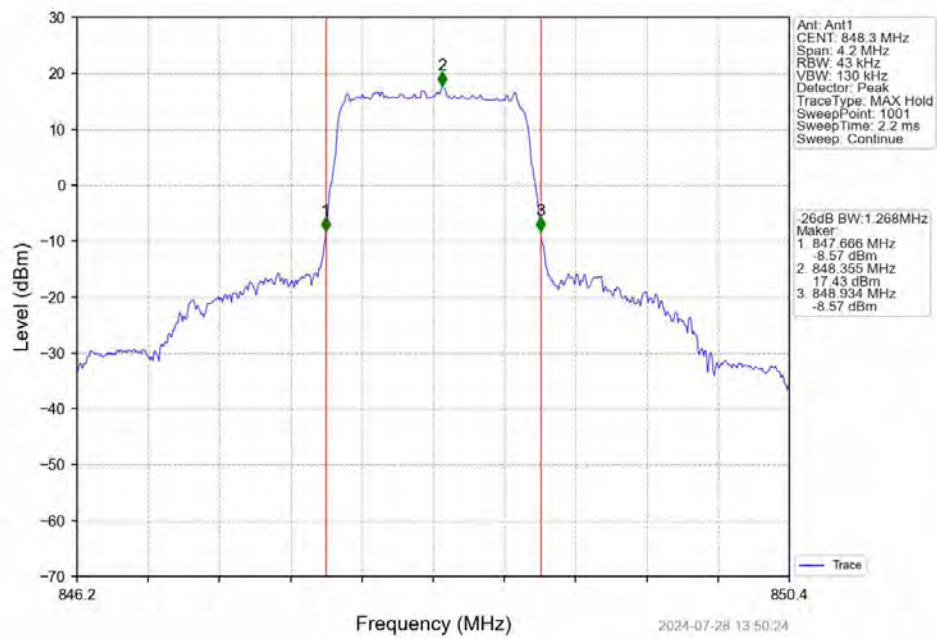
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



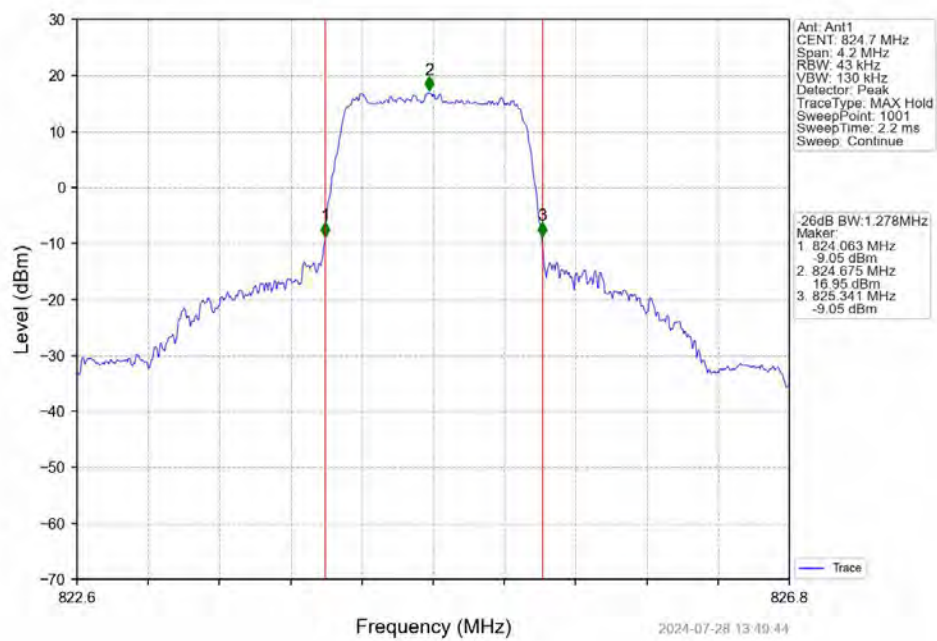
4.2.2 Band5_XDB



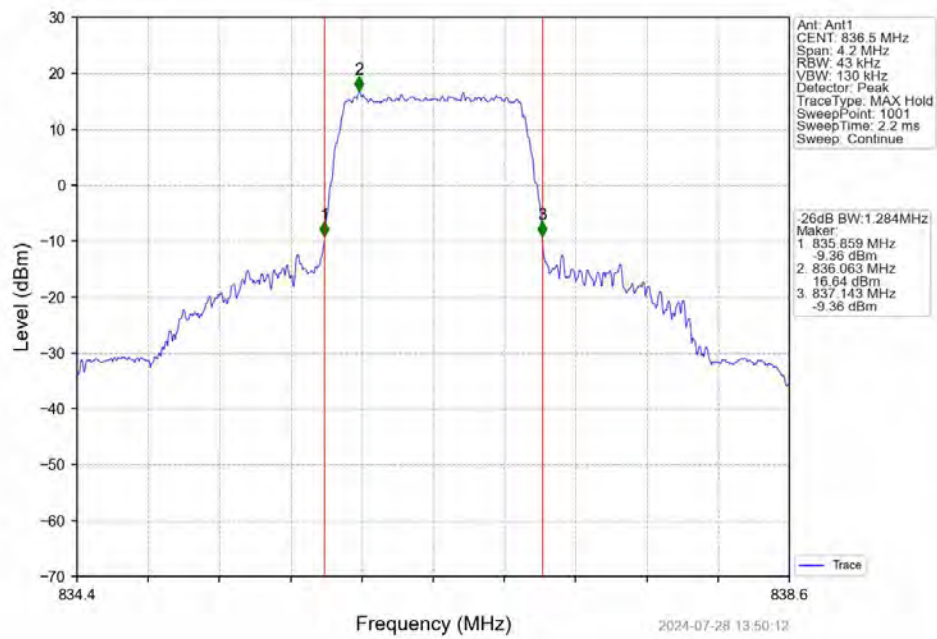
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



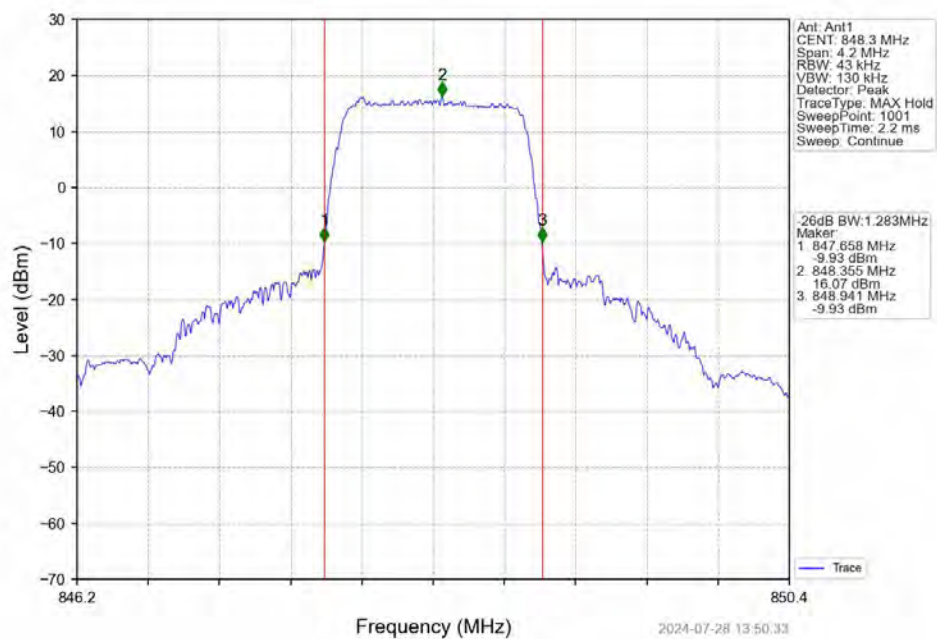
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



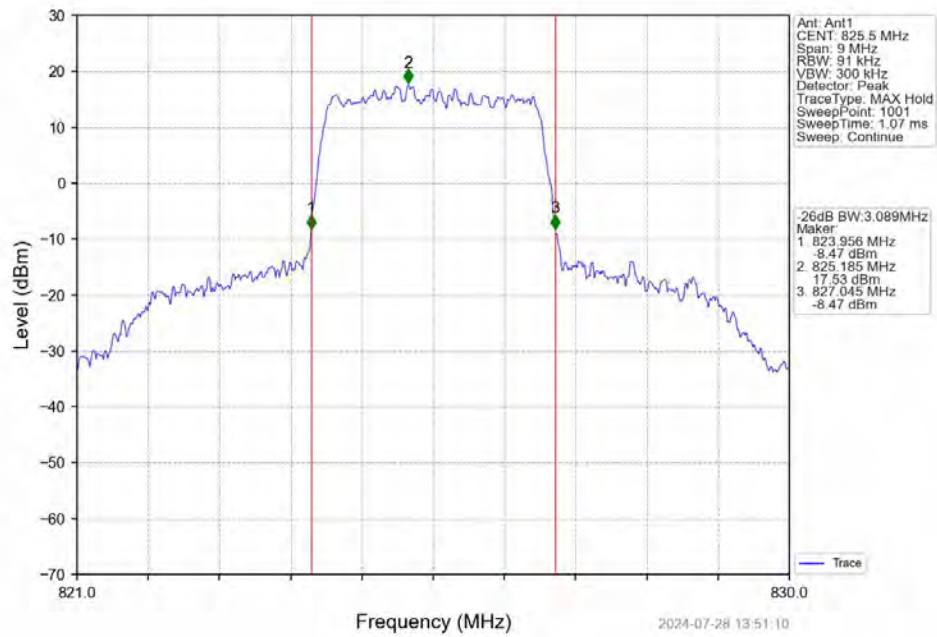
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



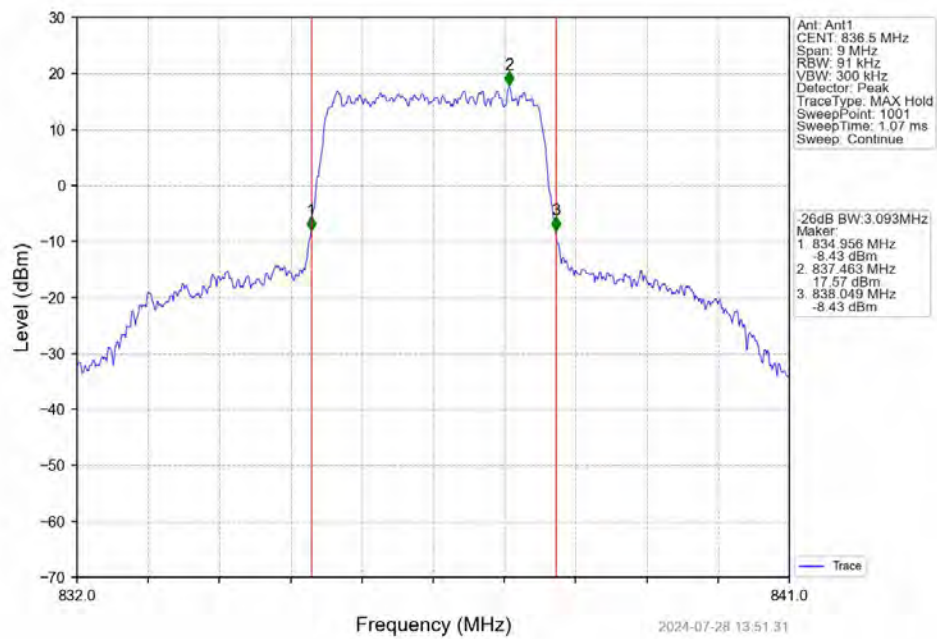
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



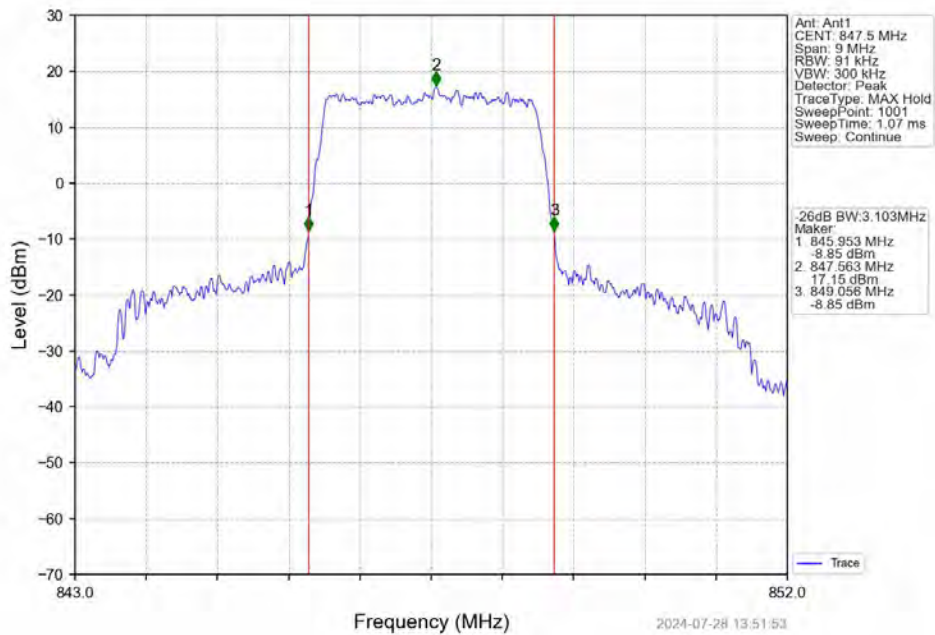
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



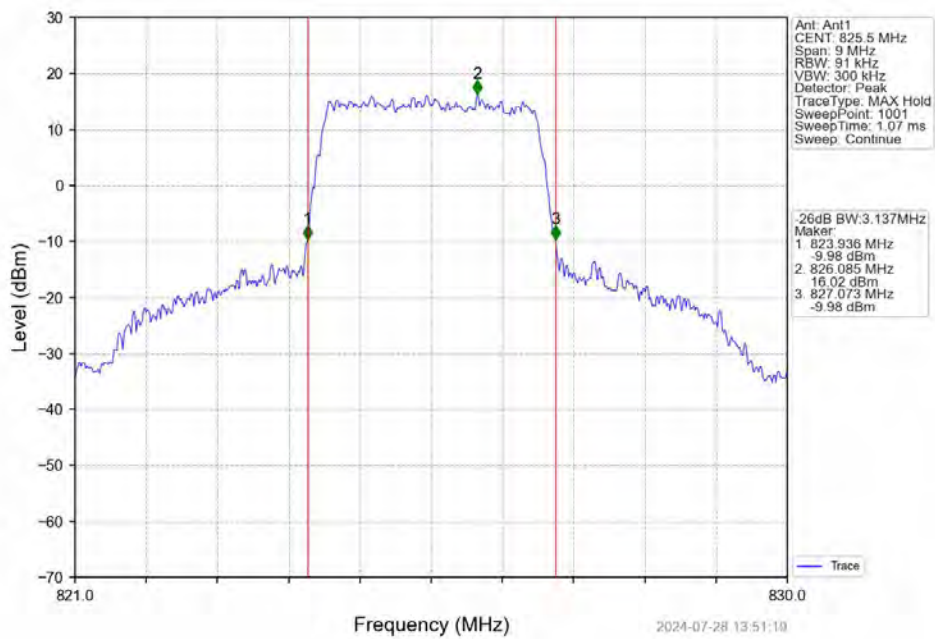
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



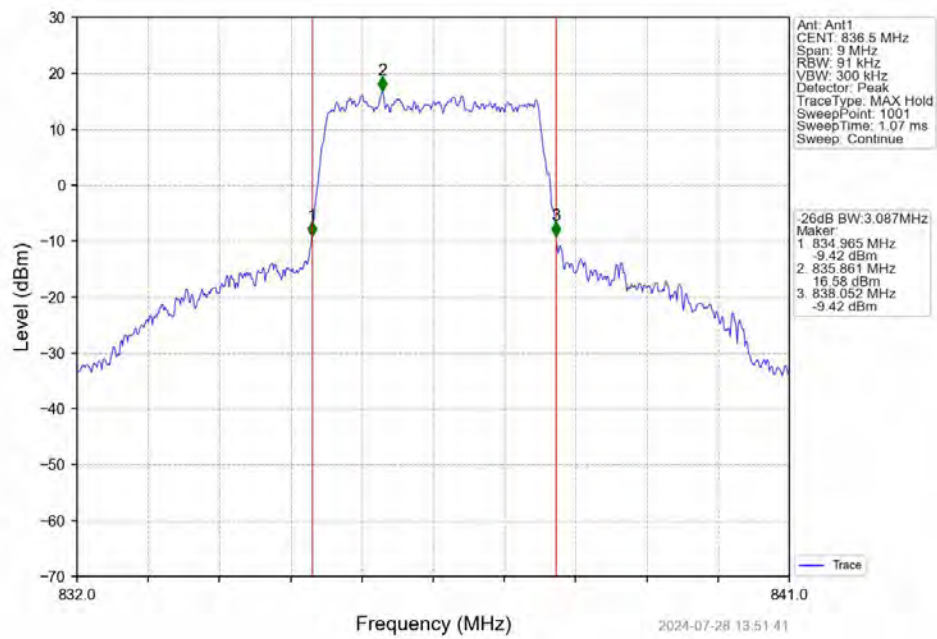
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



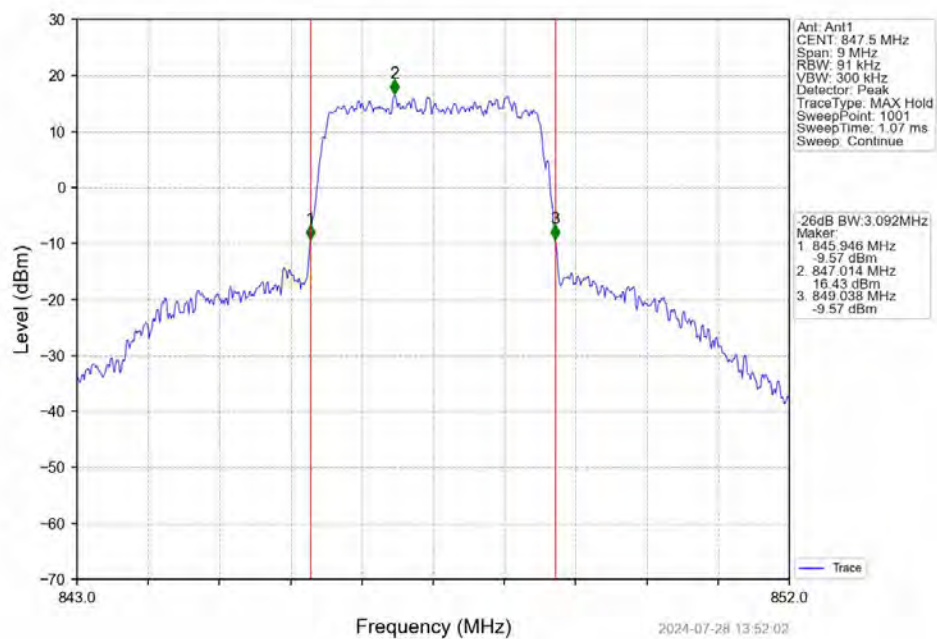
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



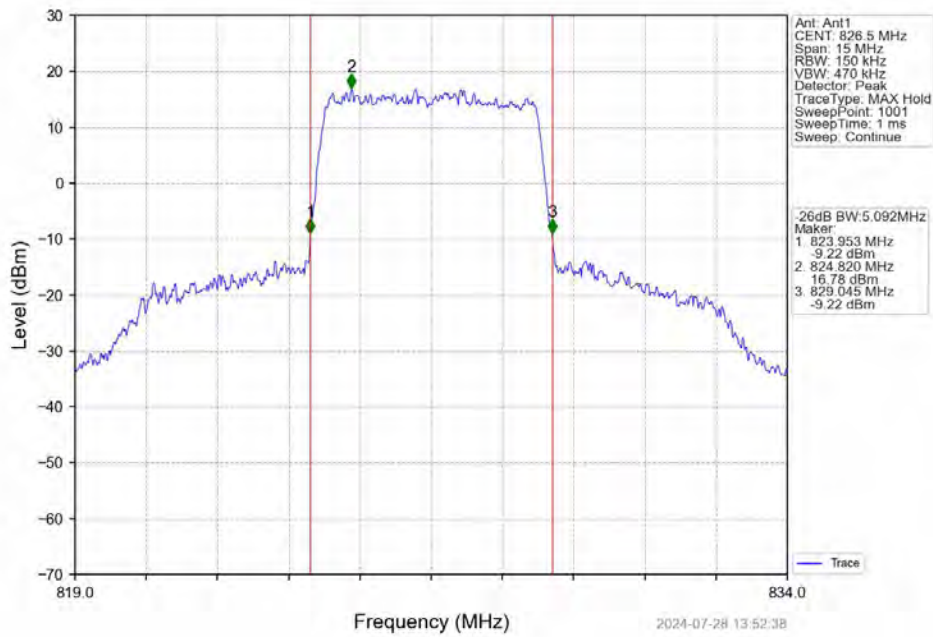
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



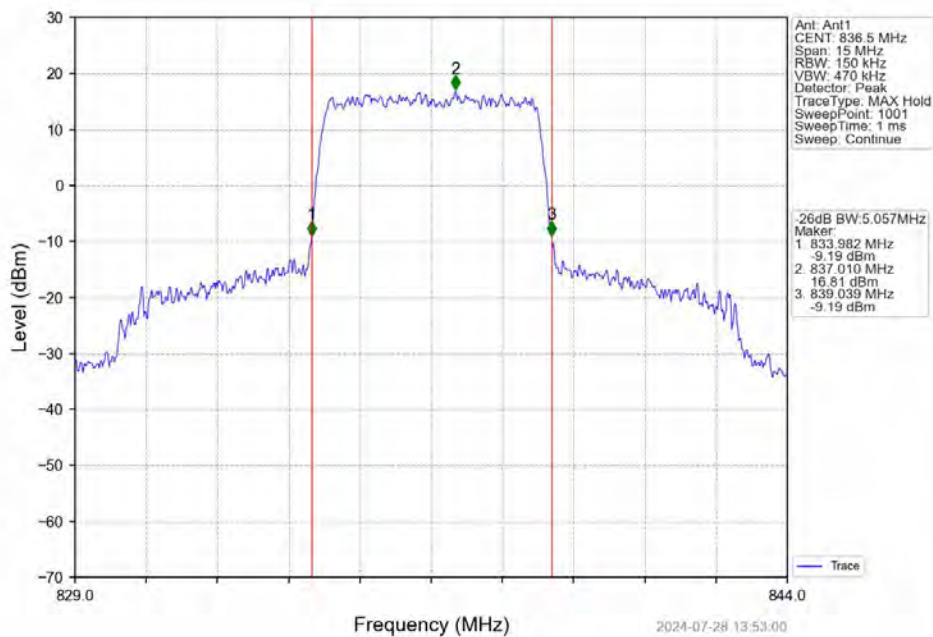
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



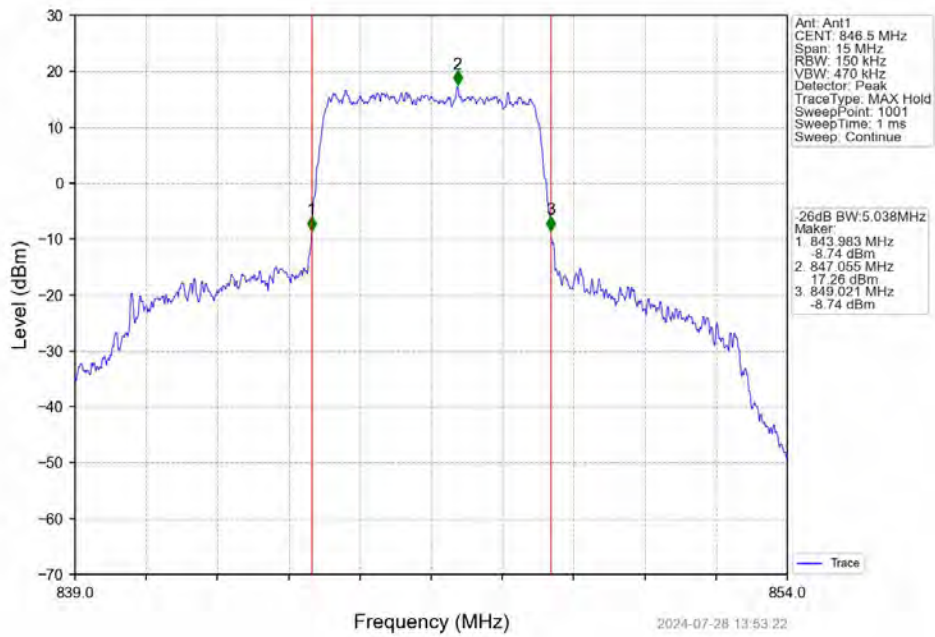
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



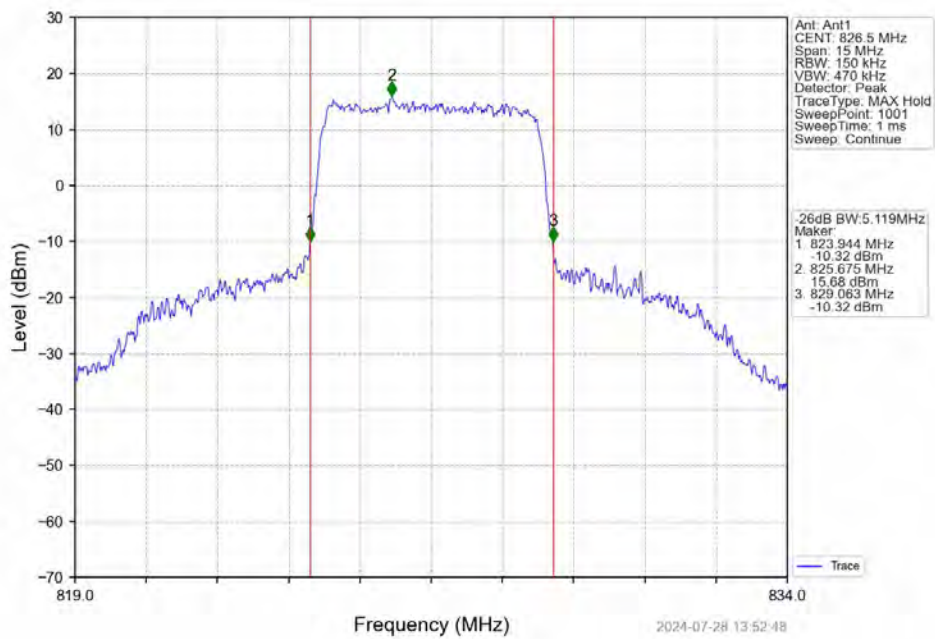
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



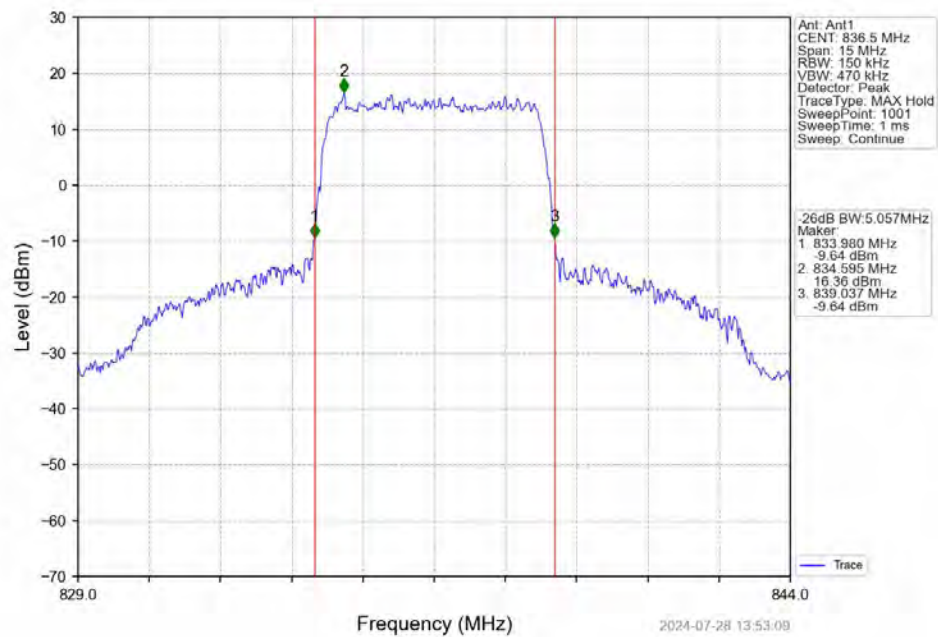
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



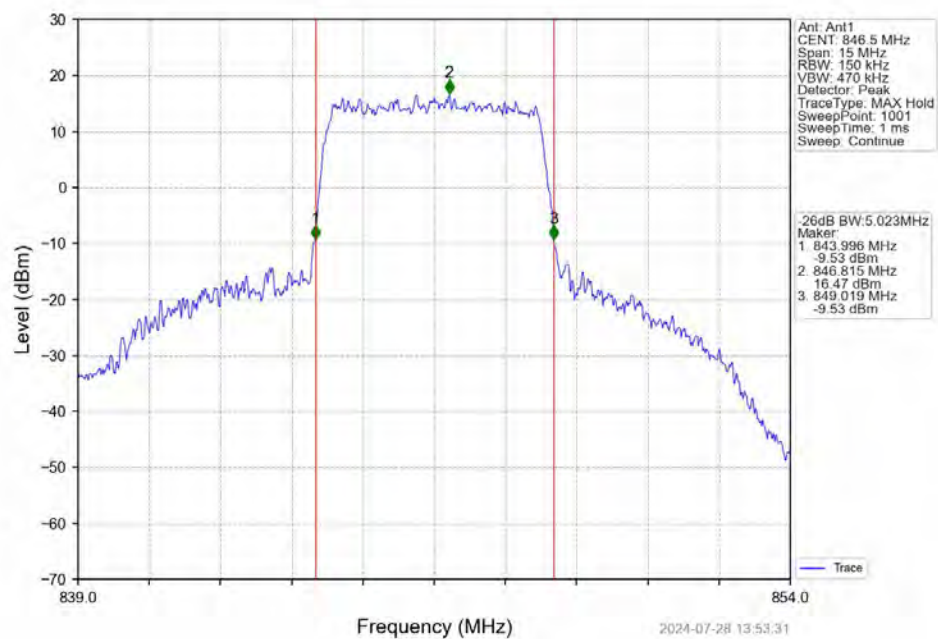
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



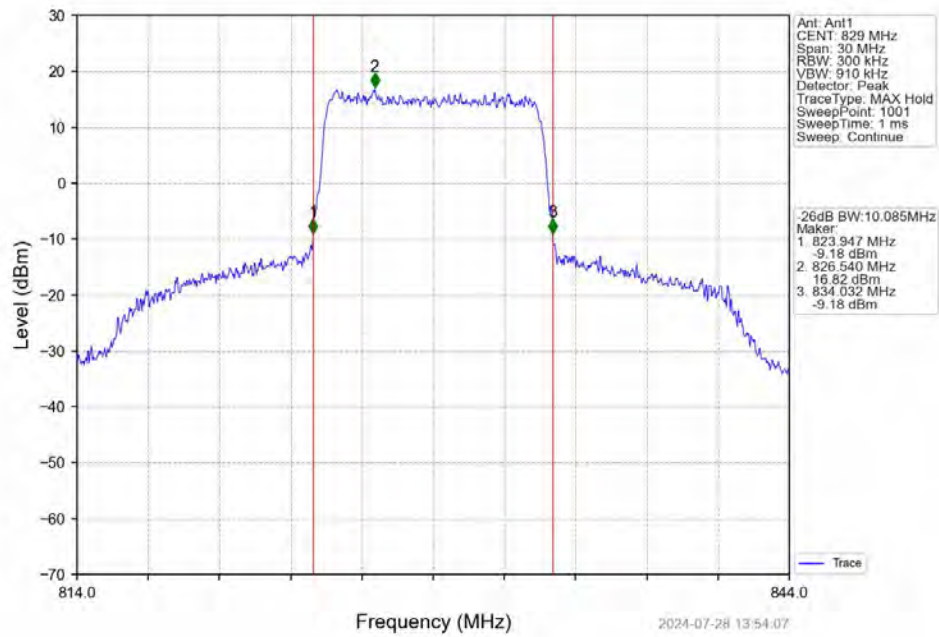
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



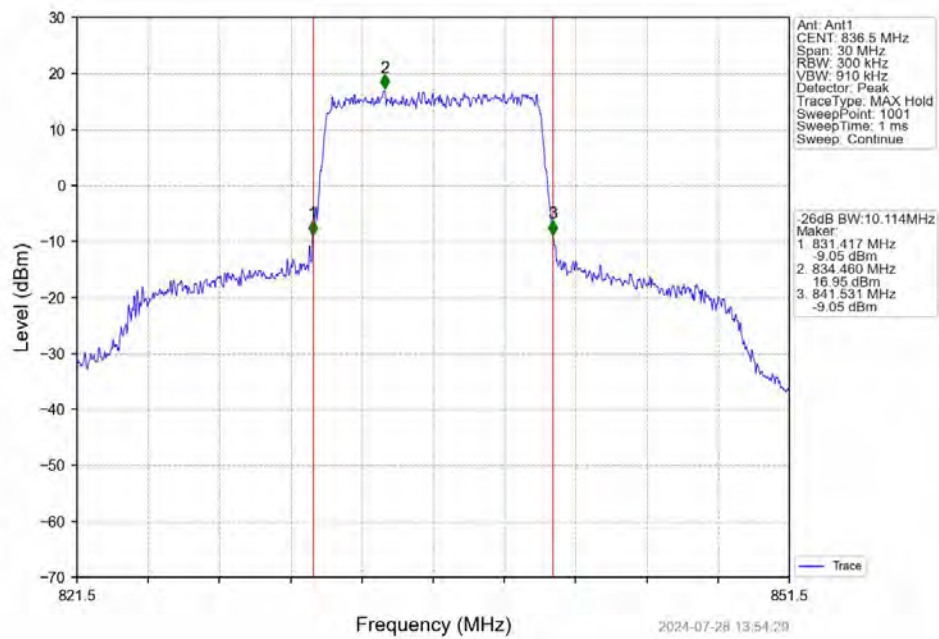
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



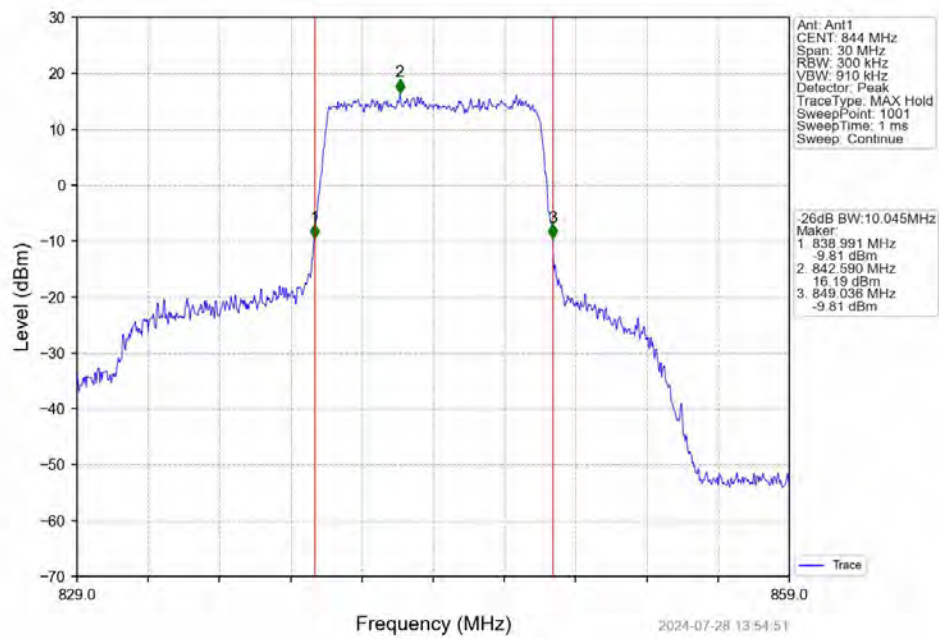
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



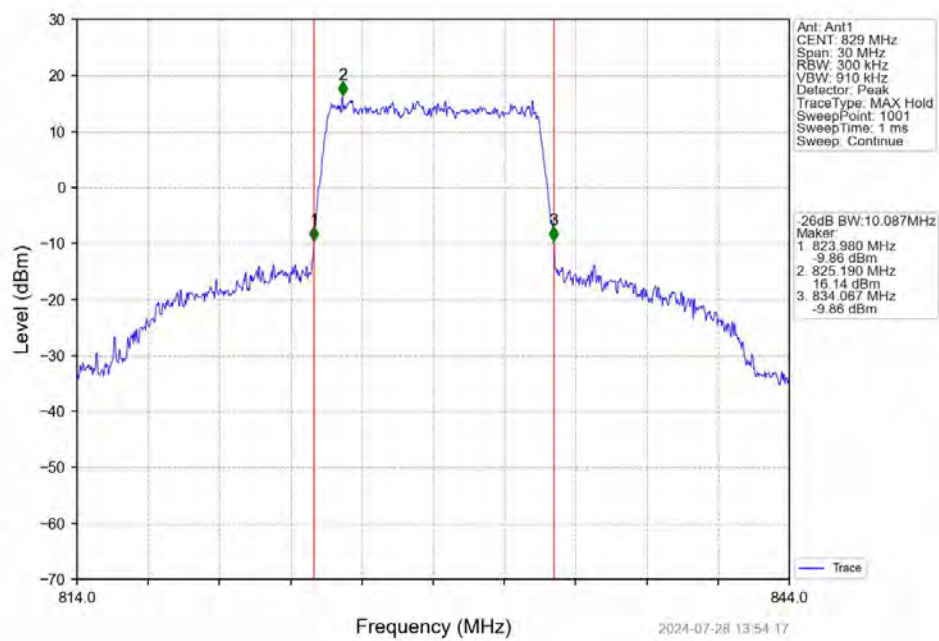
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



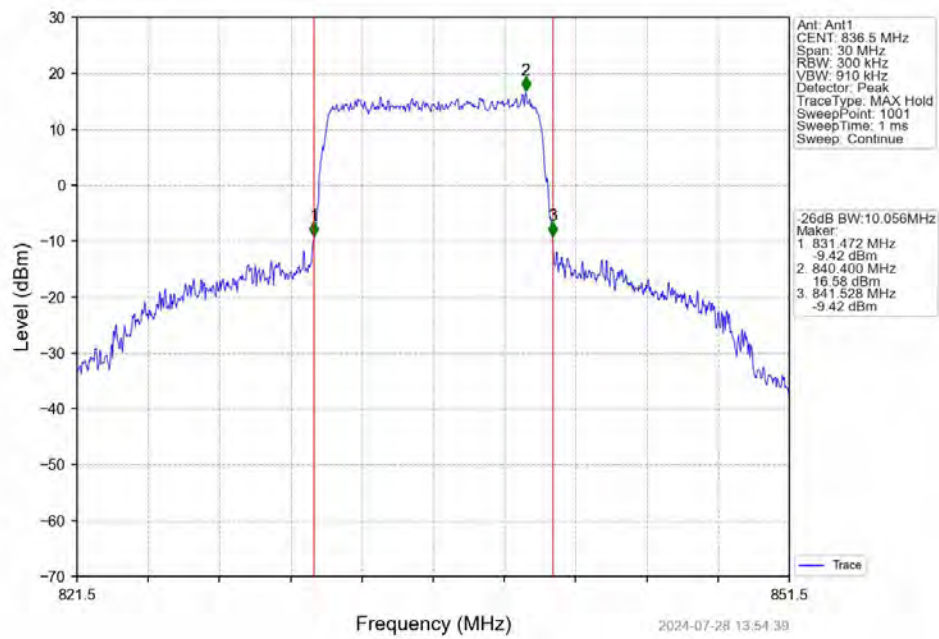
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



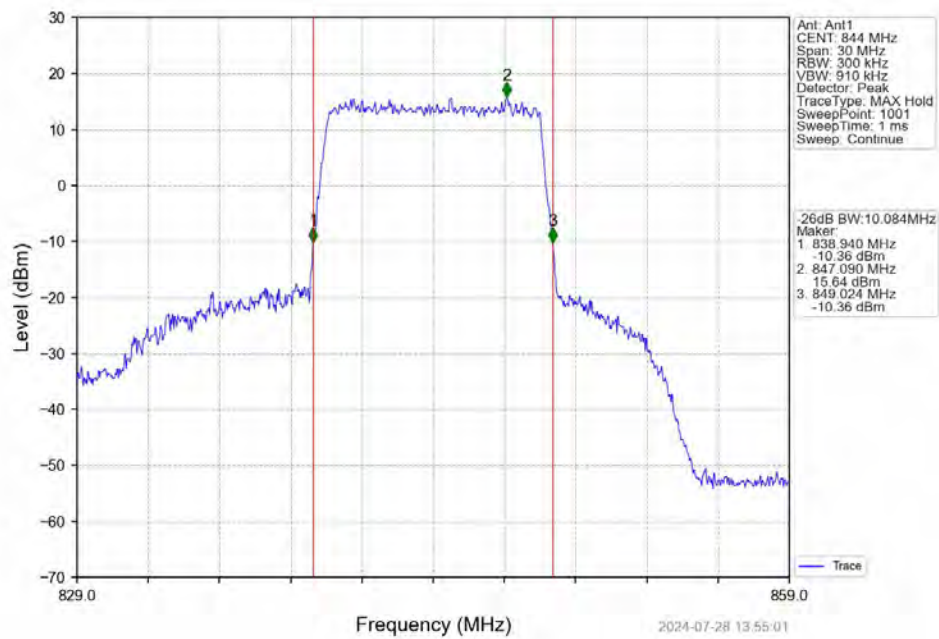
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.30	<=13	Pass
	836.5	6	0	4.33	<=13	Pass
	848.3	6	0	4.47	<=13	Pass
16QAM	824.7	6	0	6.23	<=13	Pass
	836.5	6	0	5.14	<=13	Pass
	848.3	6	0	5.28	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.24	<=13	Pass
	836.5	15	0	4.42	<=13	Pass
	847.5	15	0	4.65	<=13	Pass
16QAM	825.5	15	0	4.98	<=13	Pass
	836.5	15	0	5.25	<=13	Pass
	847.5	15	0	5.48	<=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	4.67	<=13	Pass
	836.5	25	0	4.83	<=13	Pass
	846.5	25	0	4.98	<=13	Pass
16QAM	826.5	25	0	5.42	<=13	Pass
	836.5	25	0	5.53	<=13	Pass
	846.5	25	0	5.64	<=13	Pass

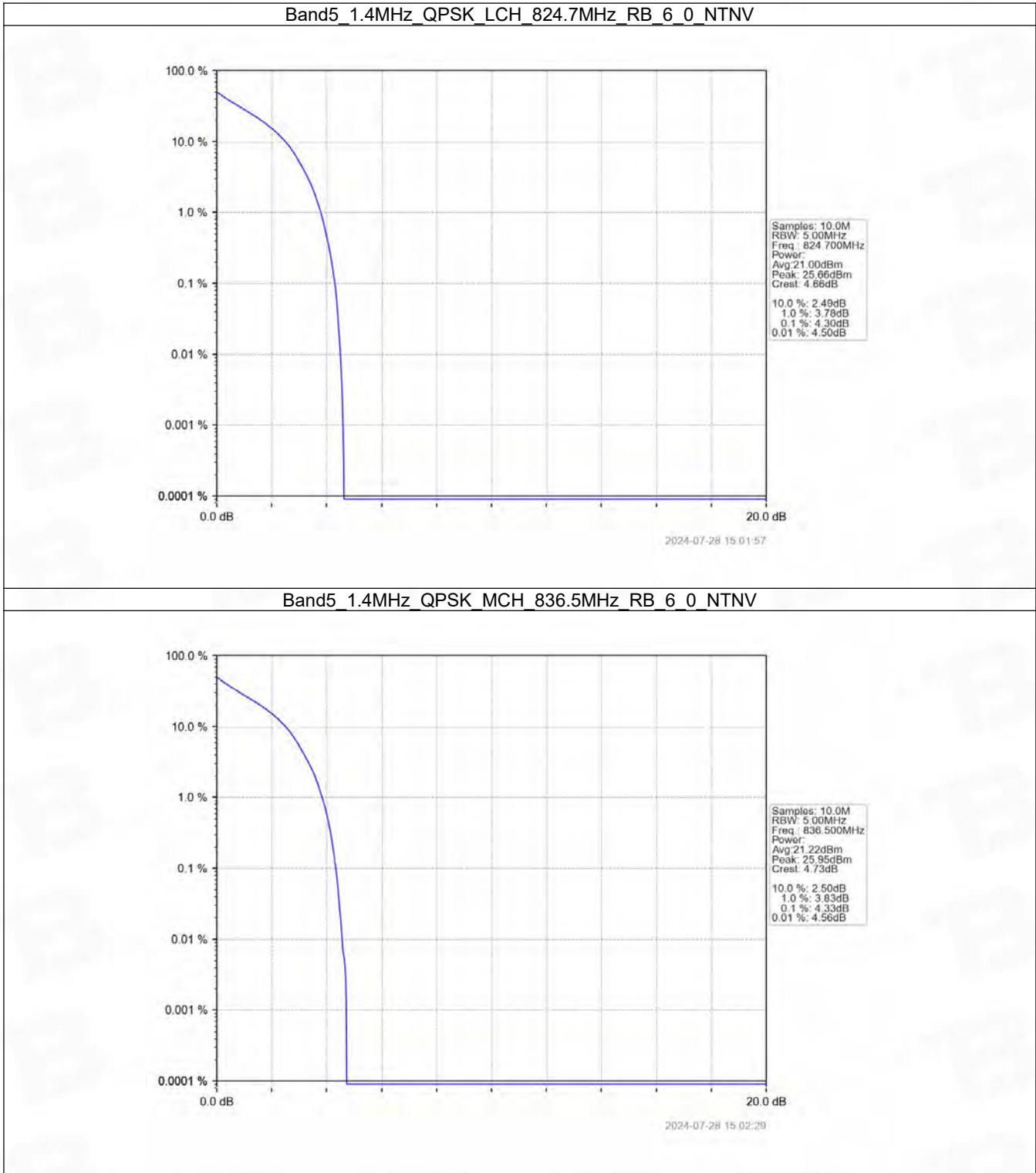
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.76	<=13	Pass
	836.5	50	0	4.91	<=13	Pass
	844	50	0	5.32	<=13	Pass
16QAM	829	50	0	5.54	<=13	Pass
	836.5	50	0	5.66	<=13	Pass

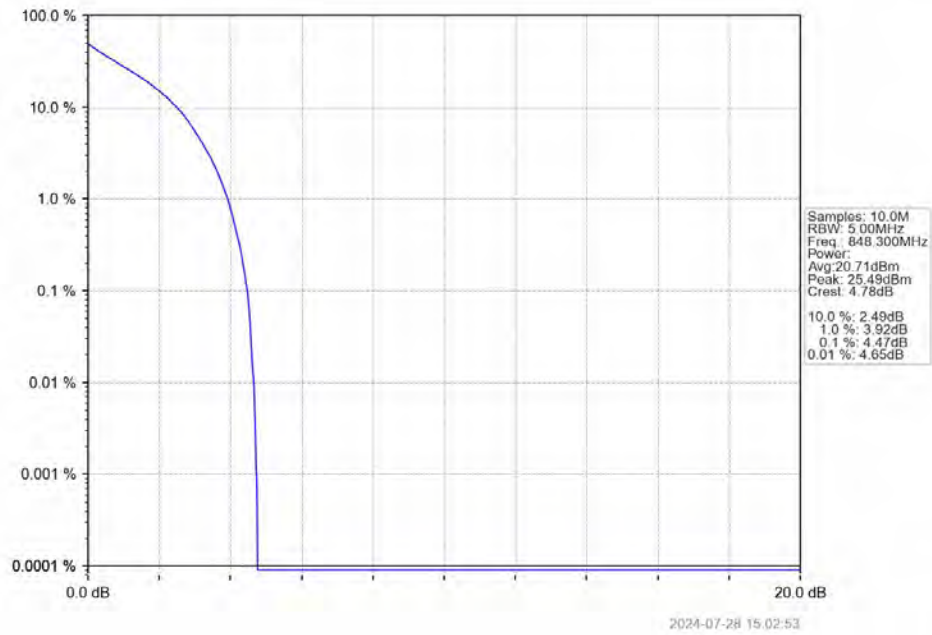
	844	50	0	6.02	<=13	Pass
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5.2 Test Graph

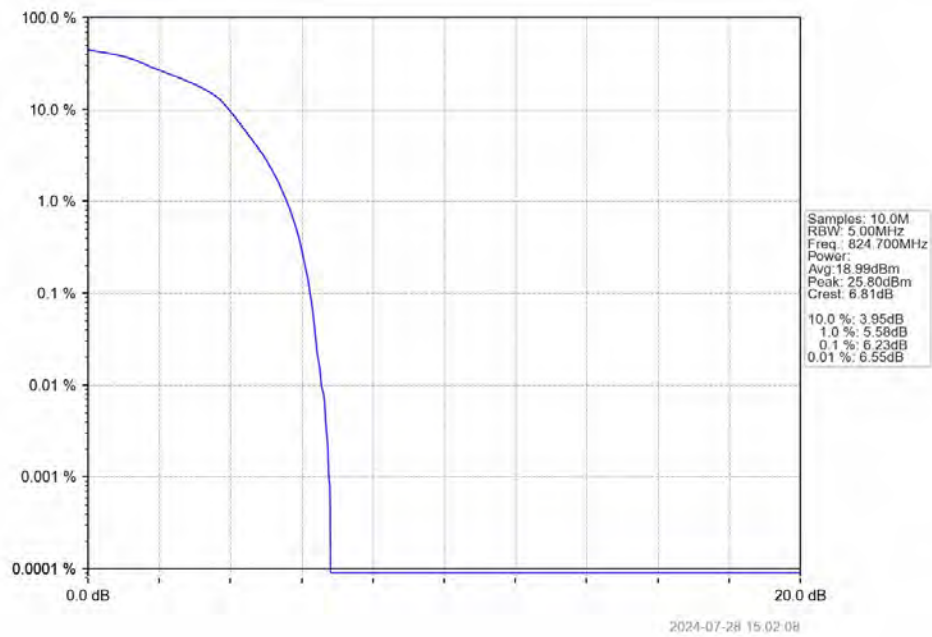
5.2.1 B5_1.4MHz



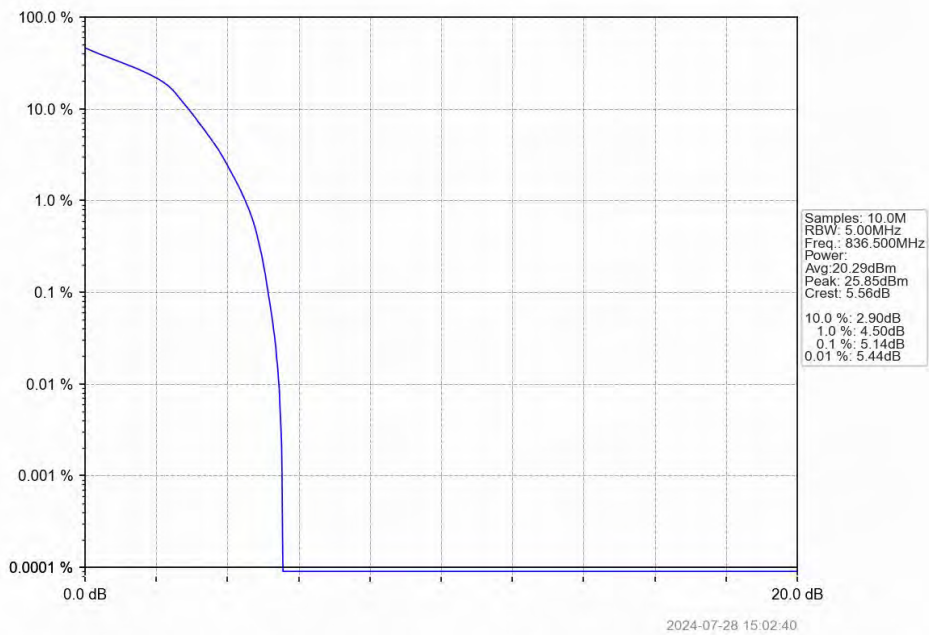
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



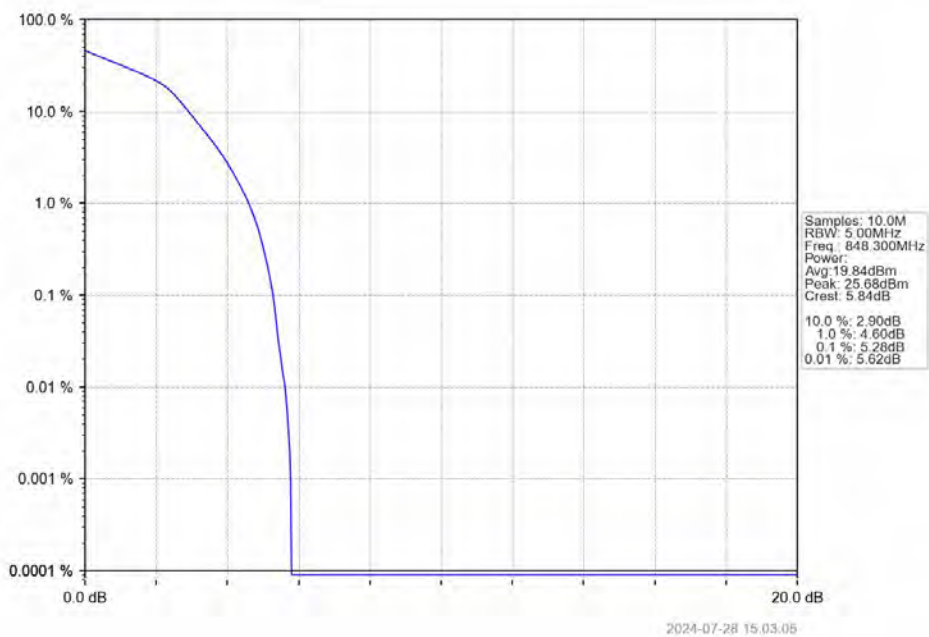
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



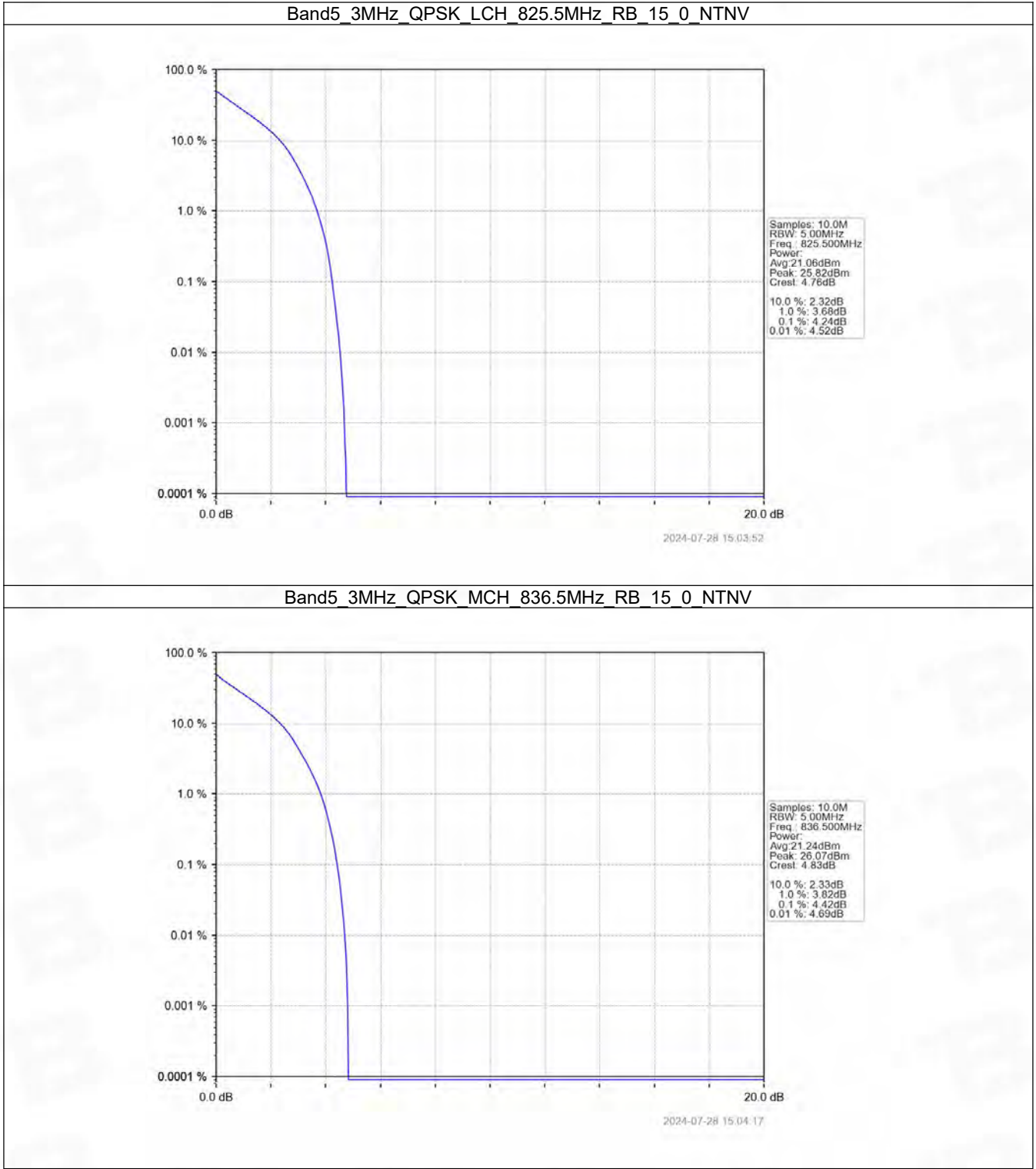
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



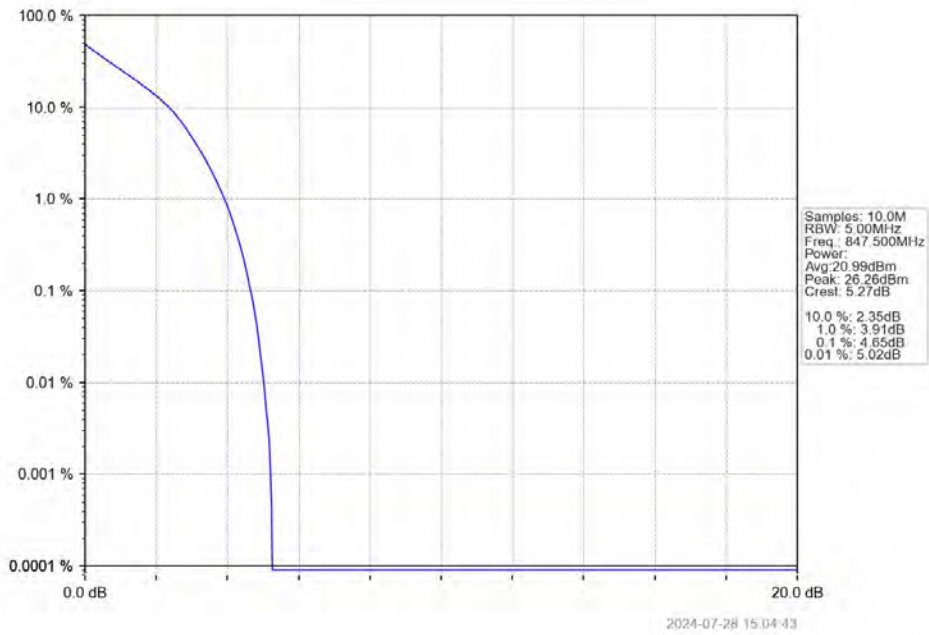
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



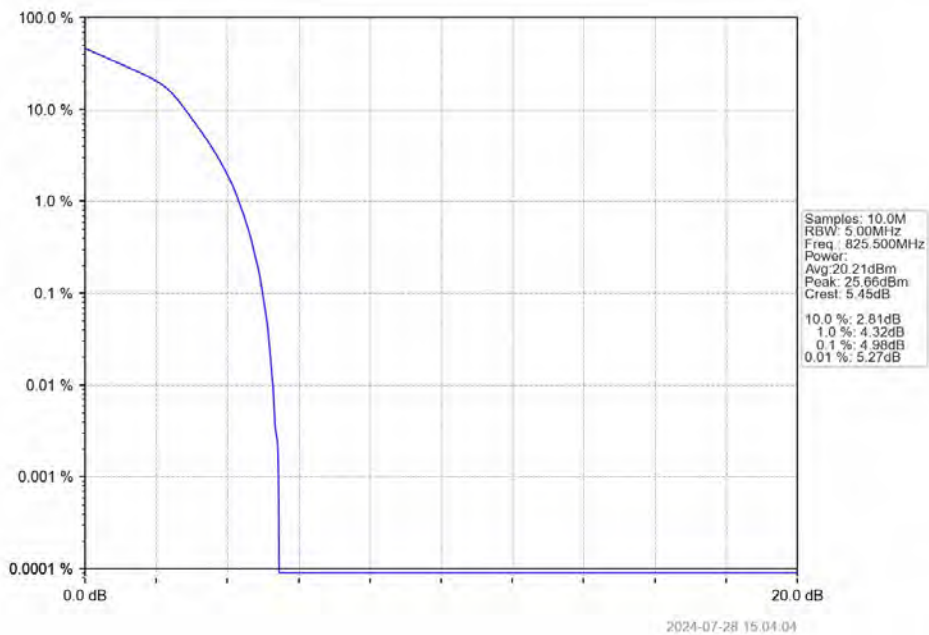
5.2.2 B5_3MHz



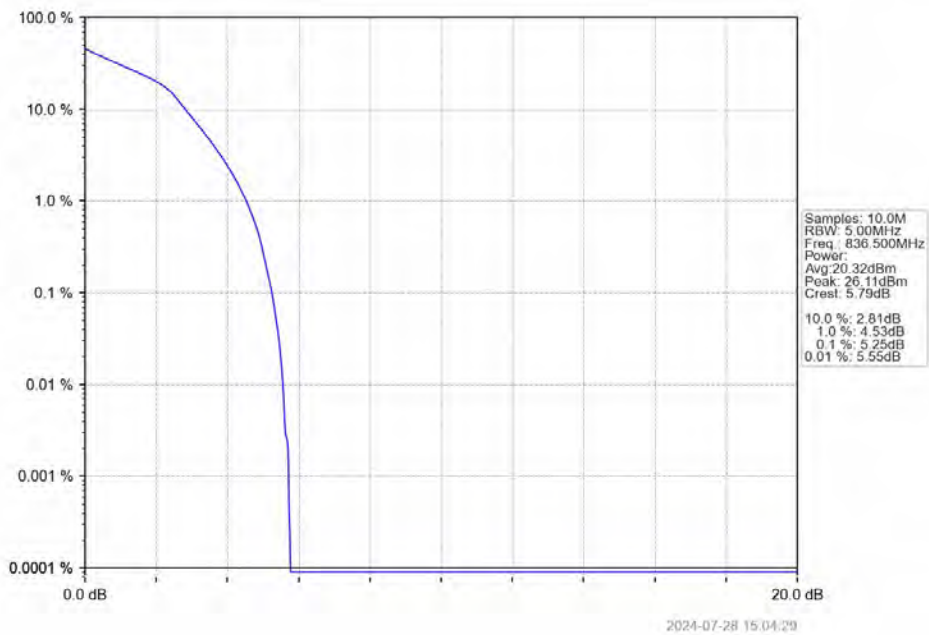
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



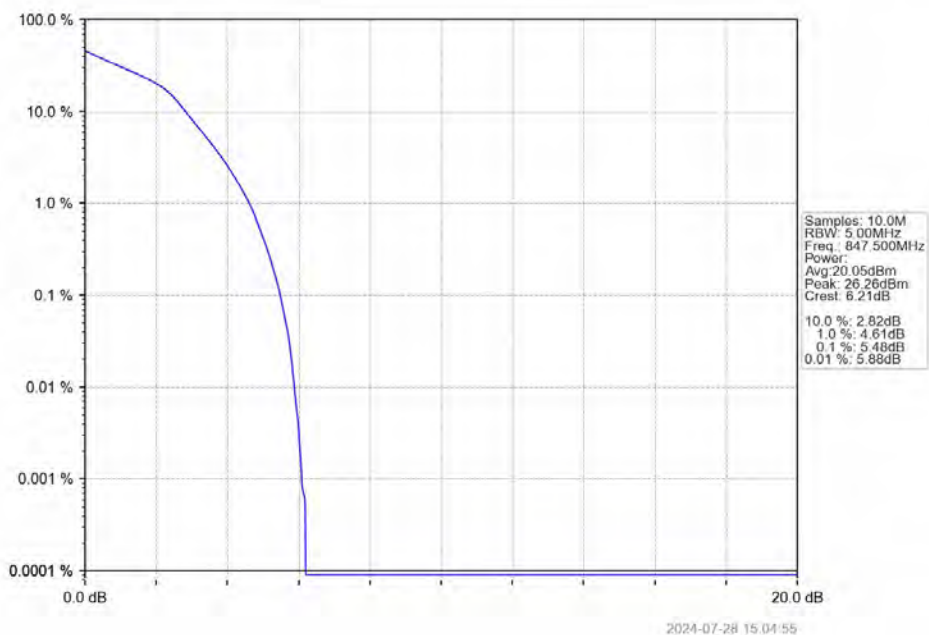
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



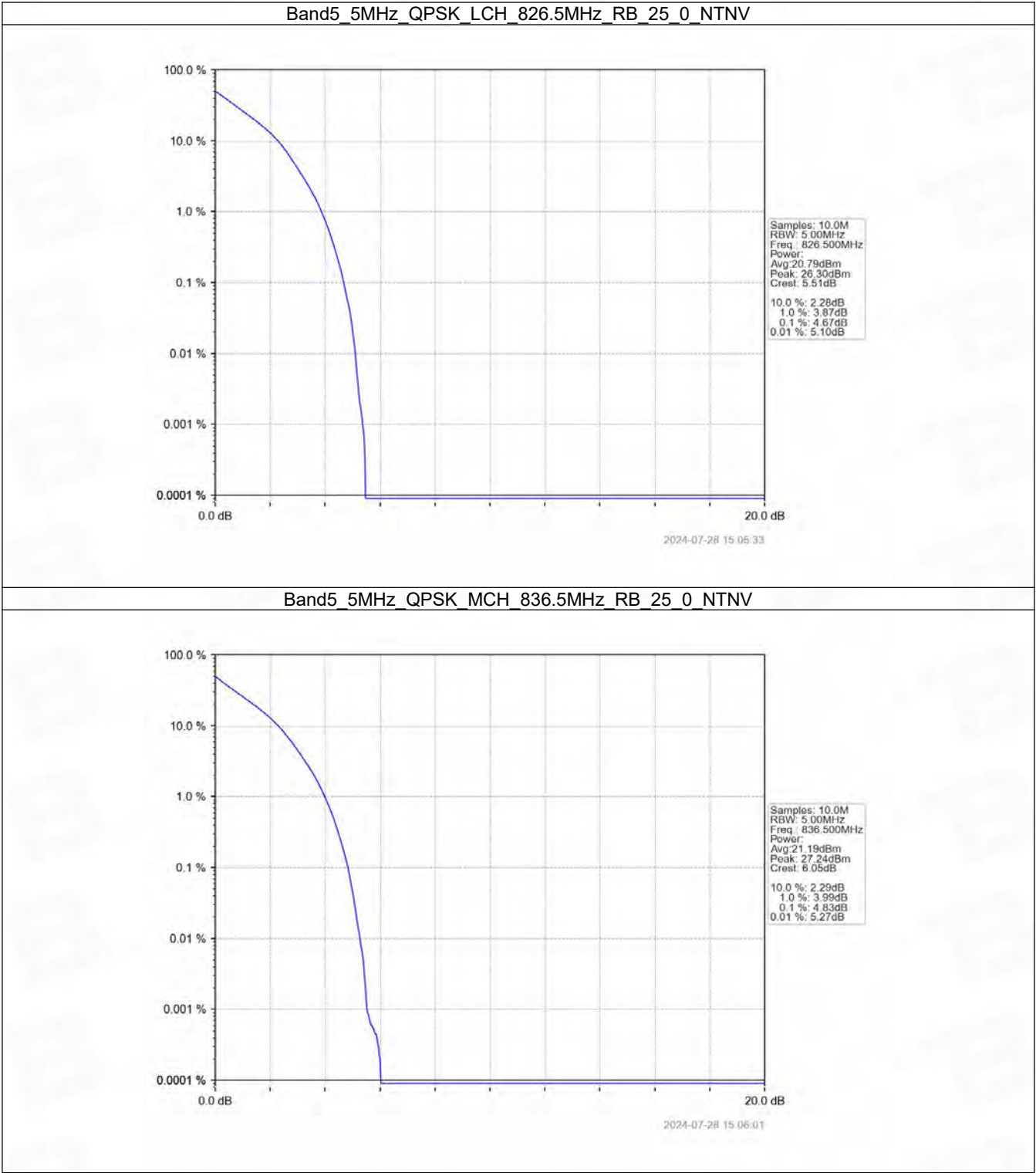
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



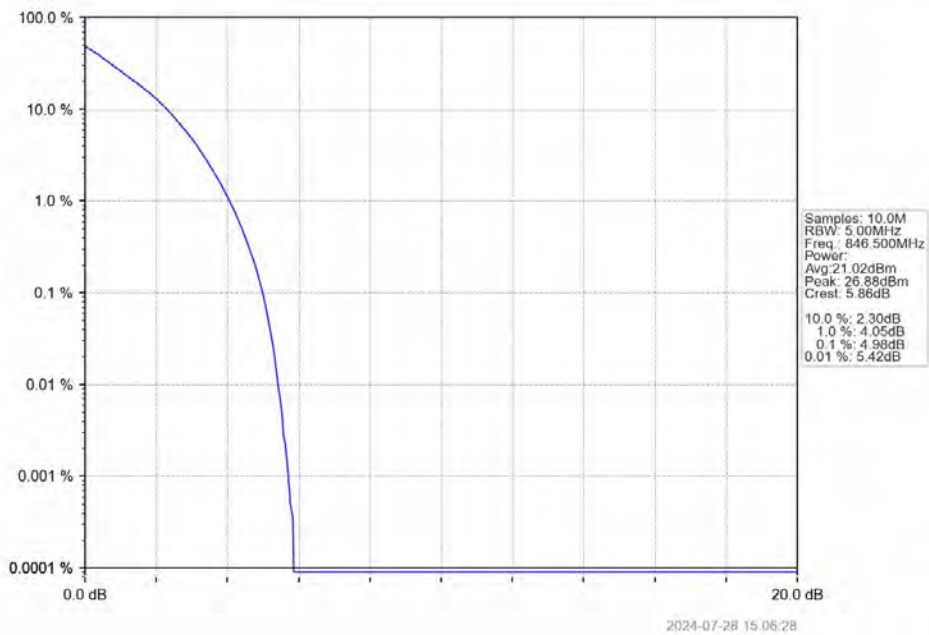
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



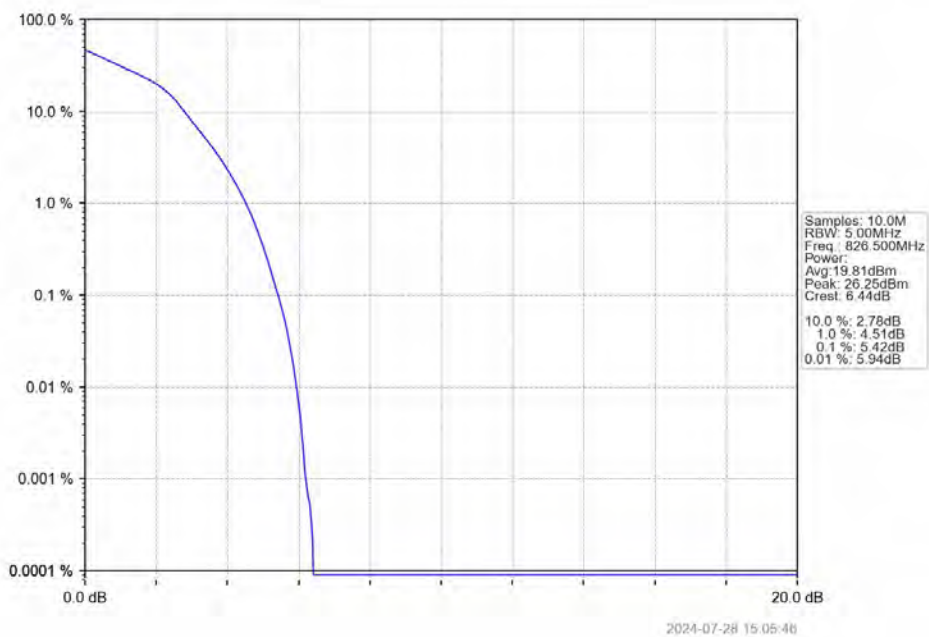
5.2.3 B5_5MHz



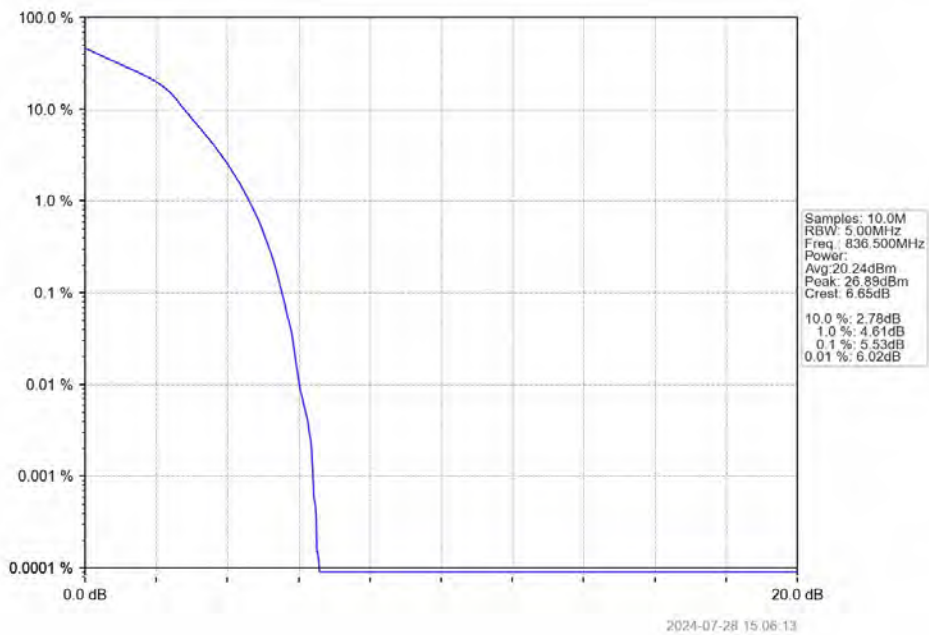
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



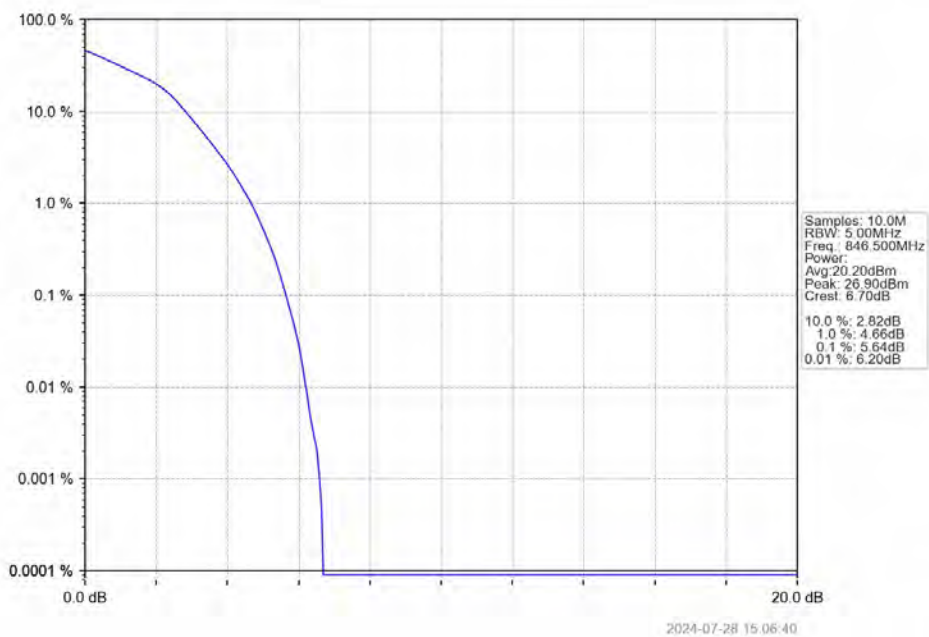
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



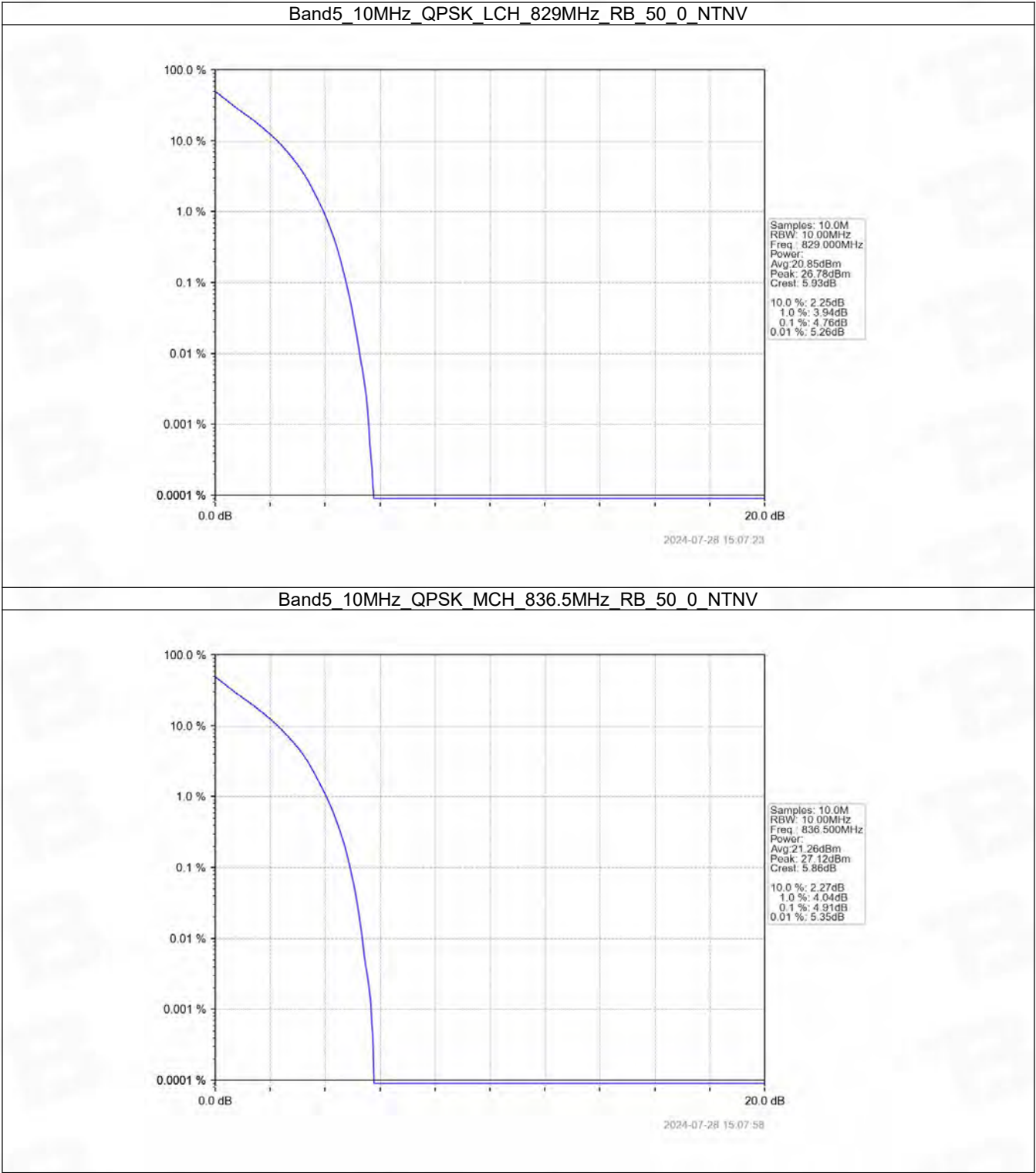
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



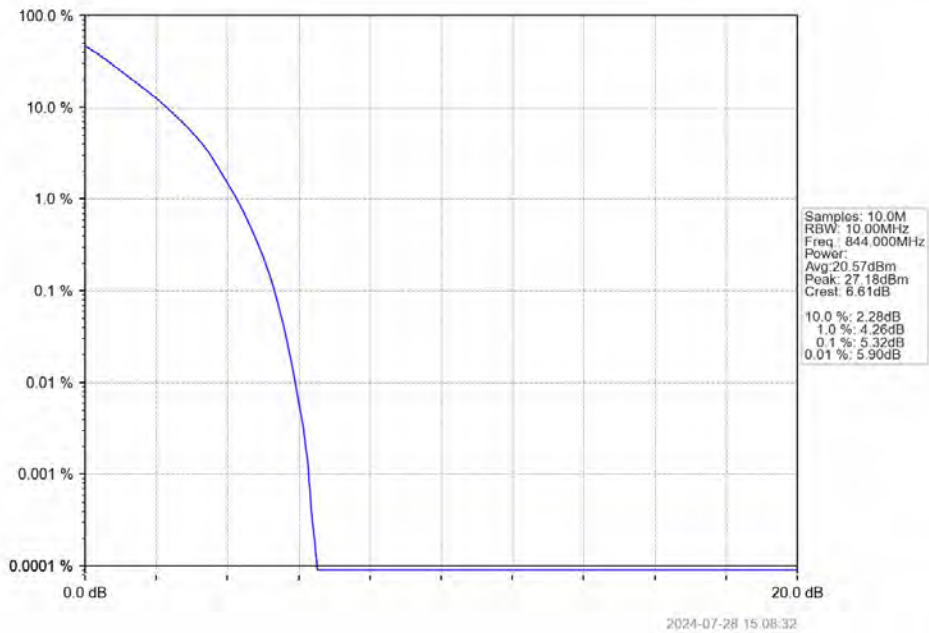
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



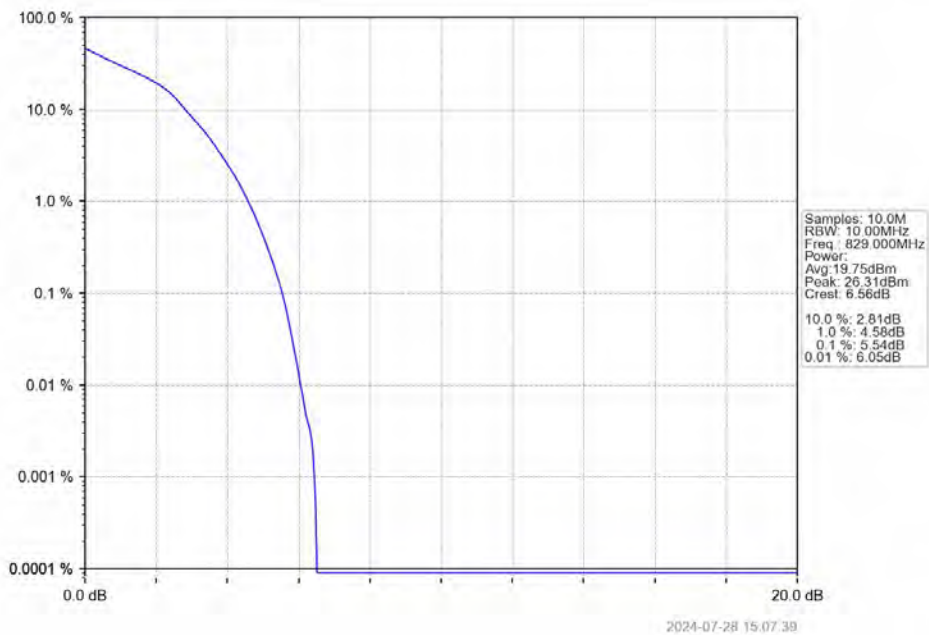
5.2.4 B5_10MHz



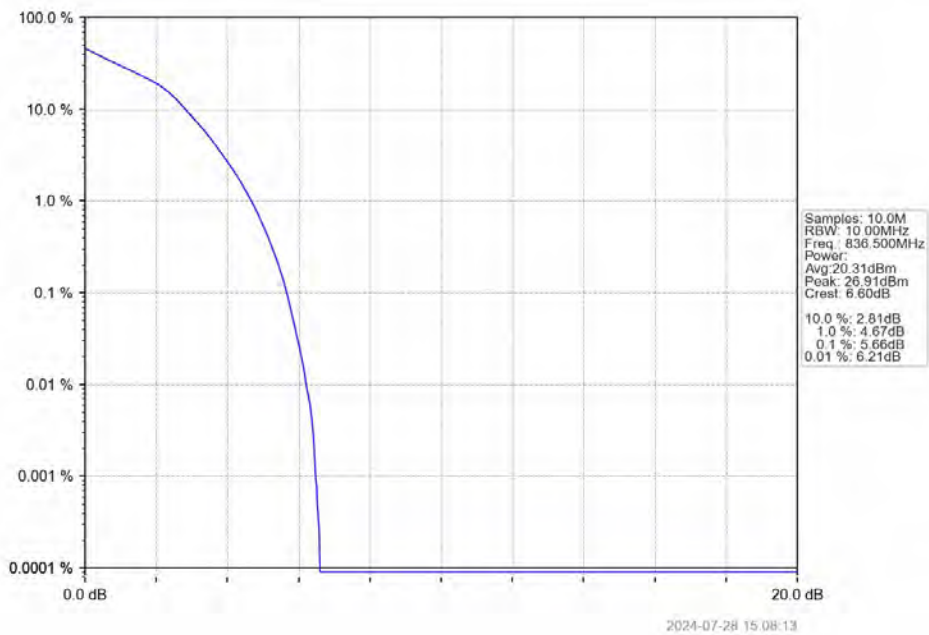
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



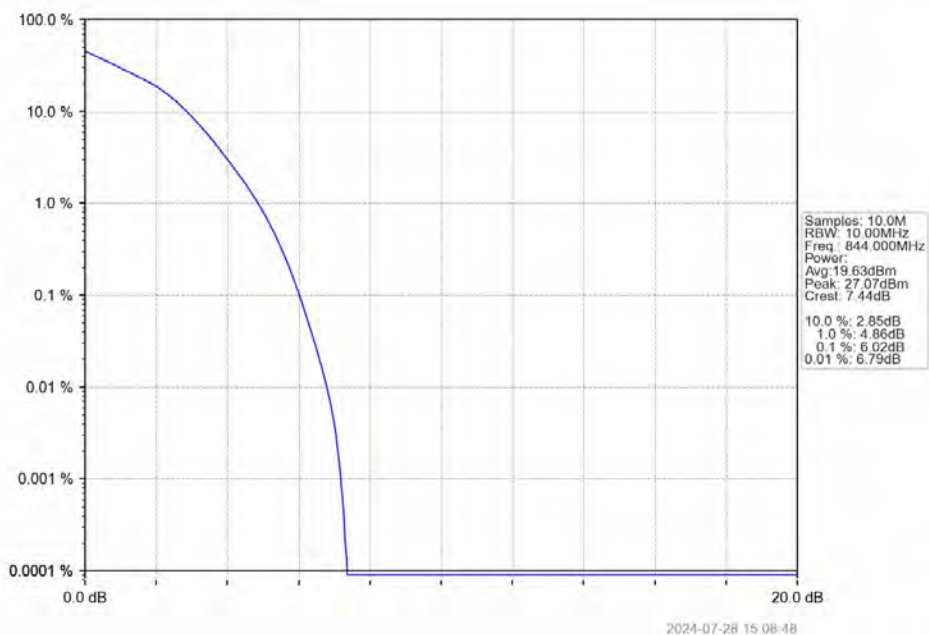
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			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
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			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
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass

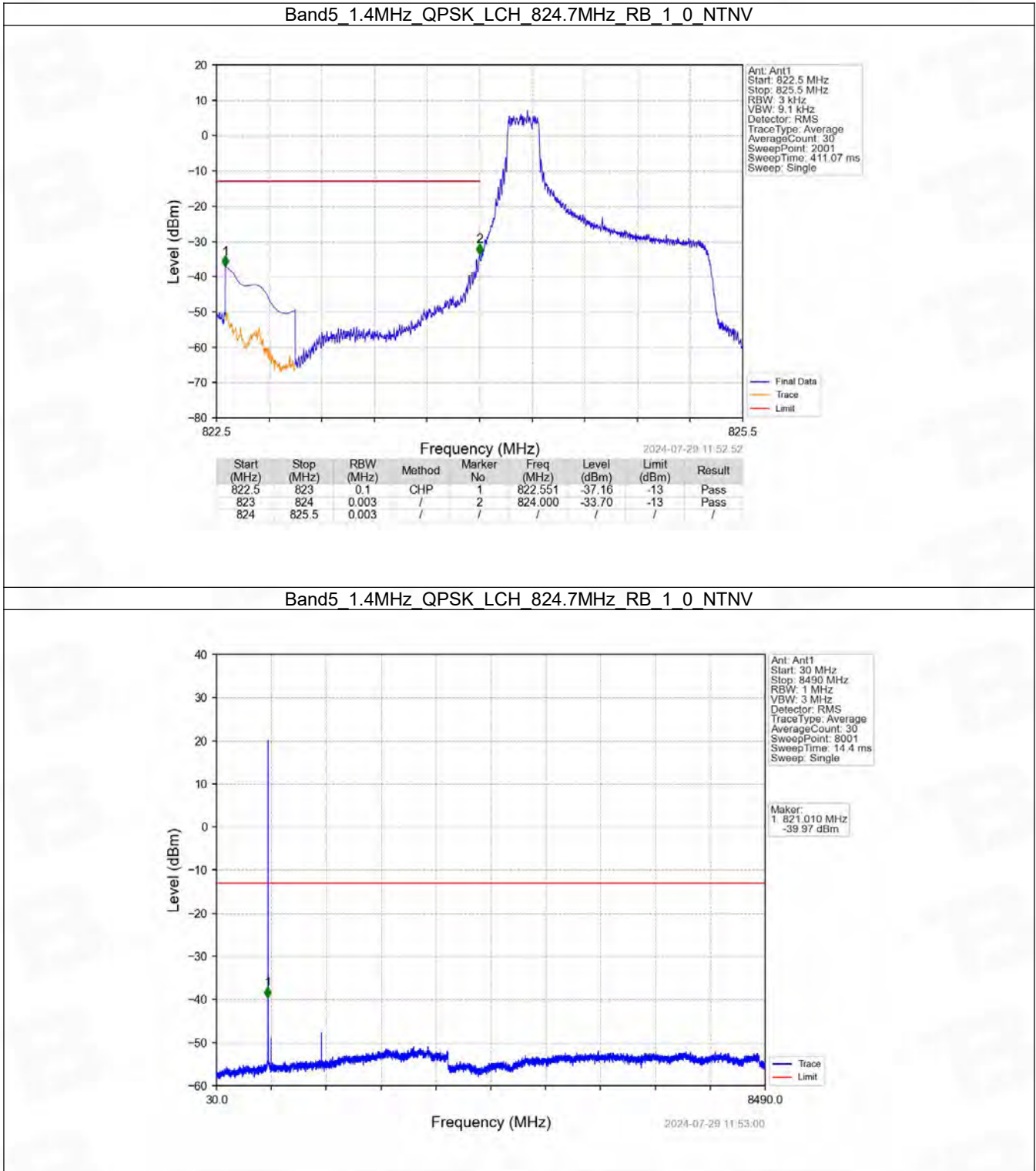
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

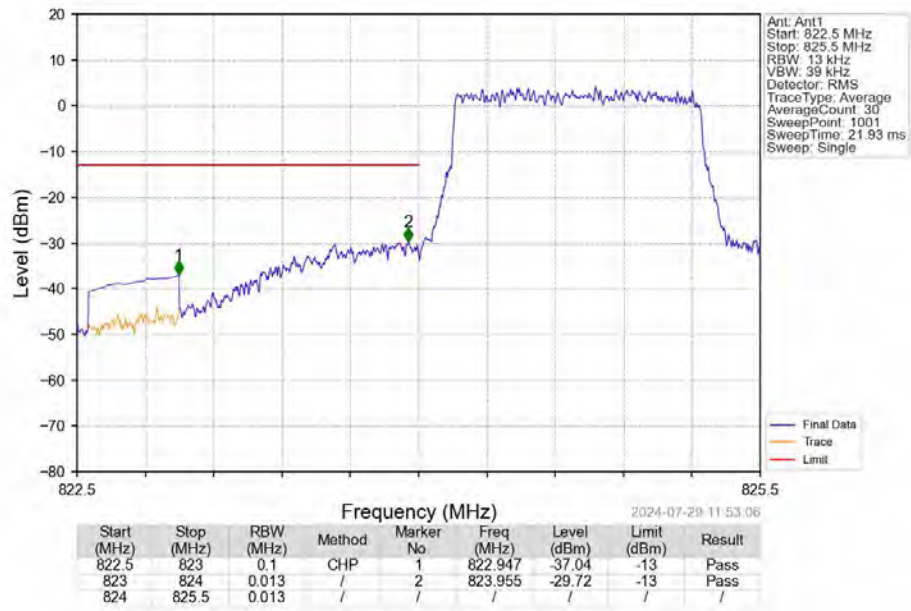
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test 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

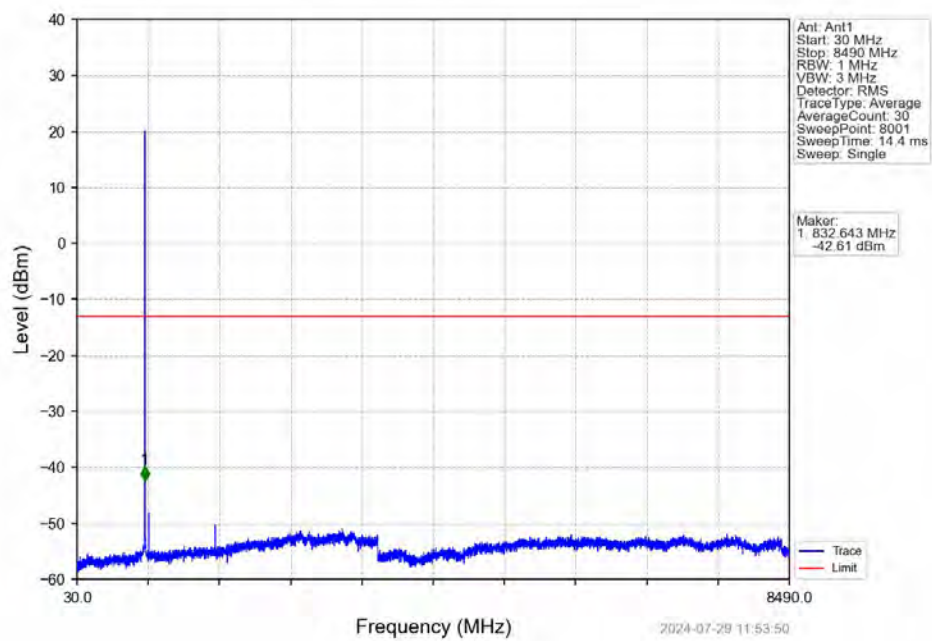
6.2.1 B5_1.4MHz



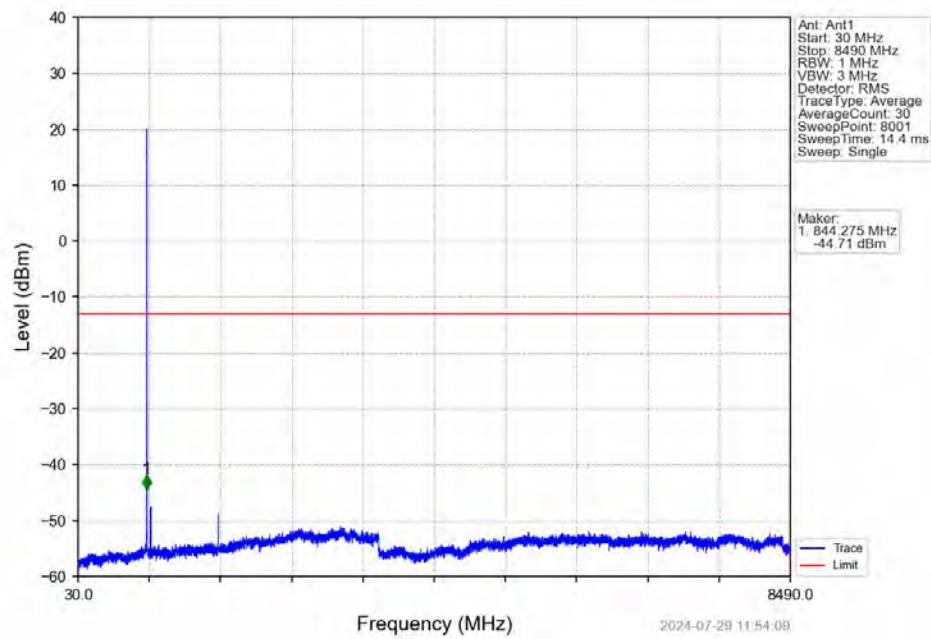
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



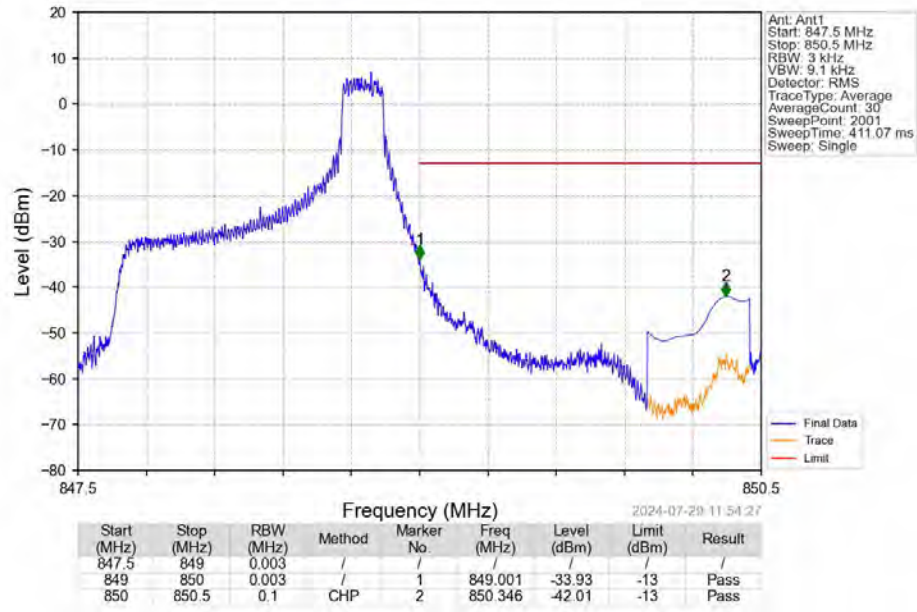
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



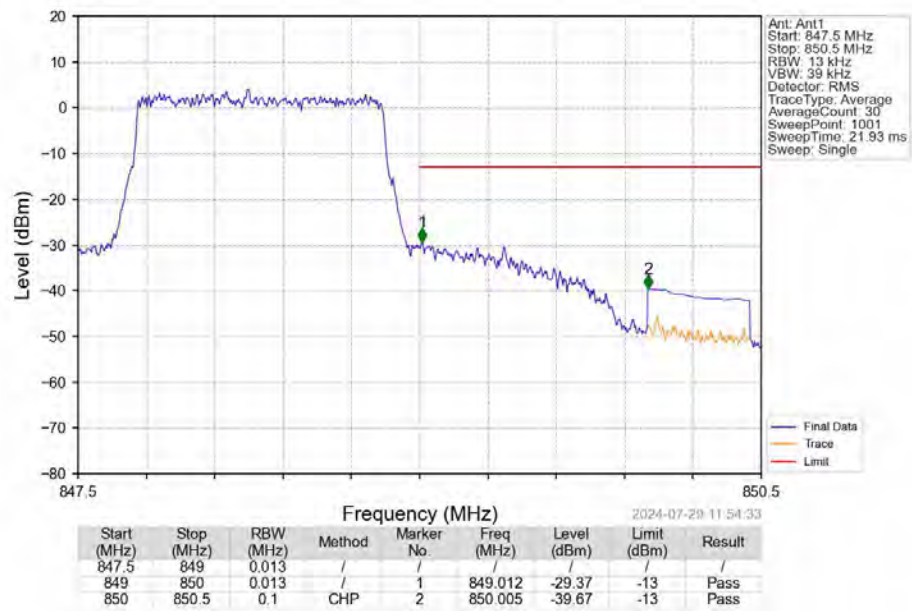
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTNV



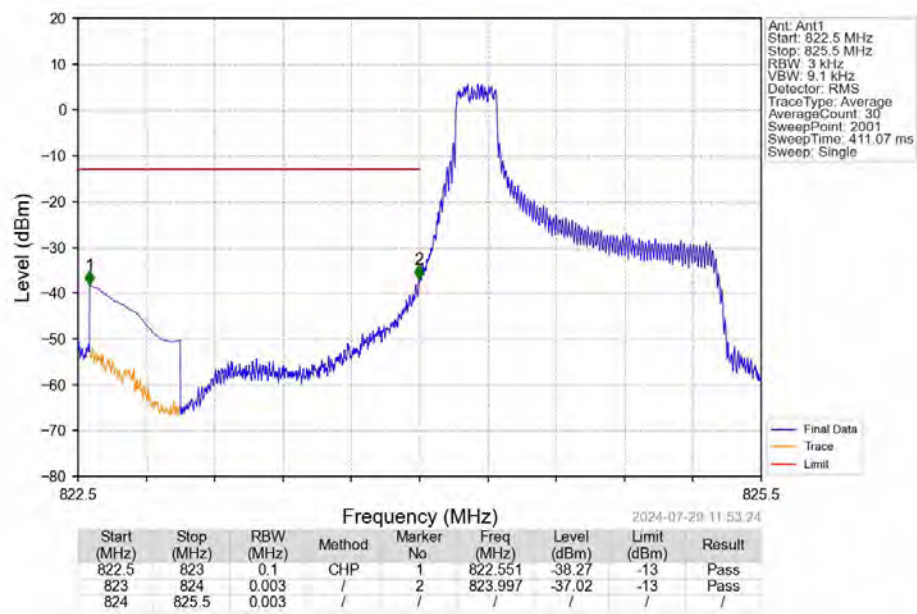
Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTNV



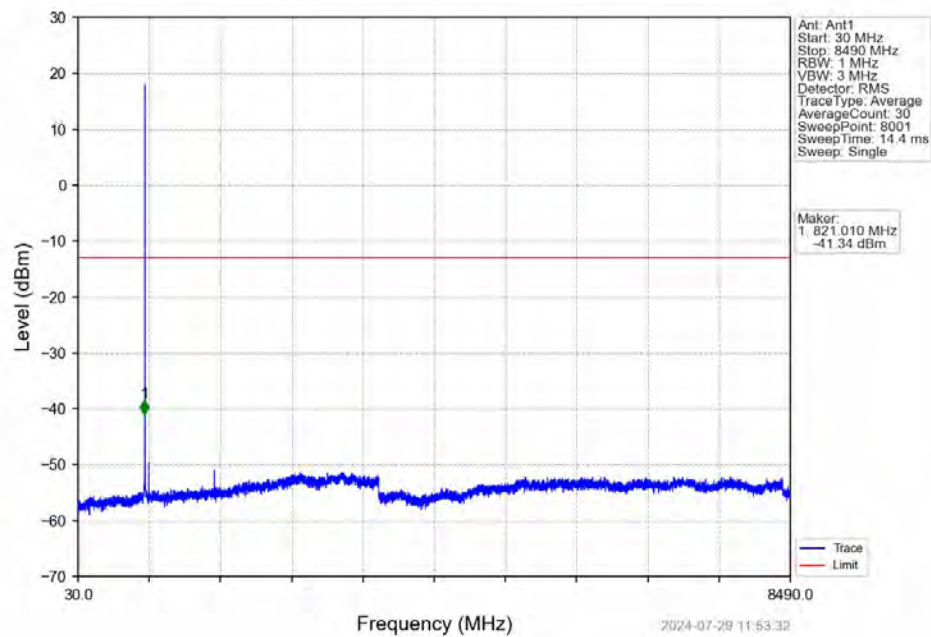
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



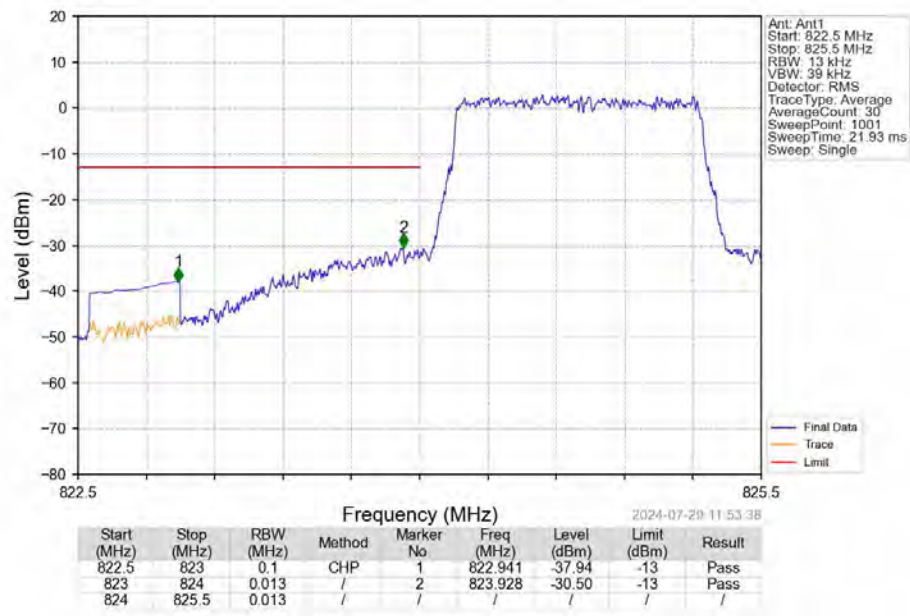
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



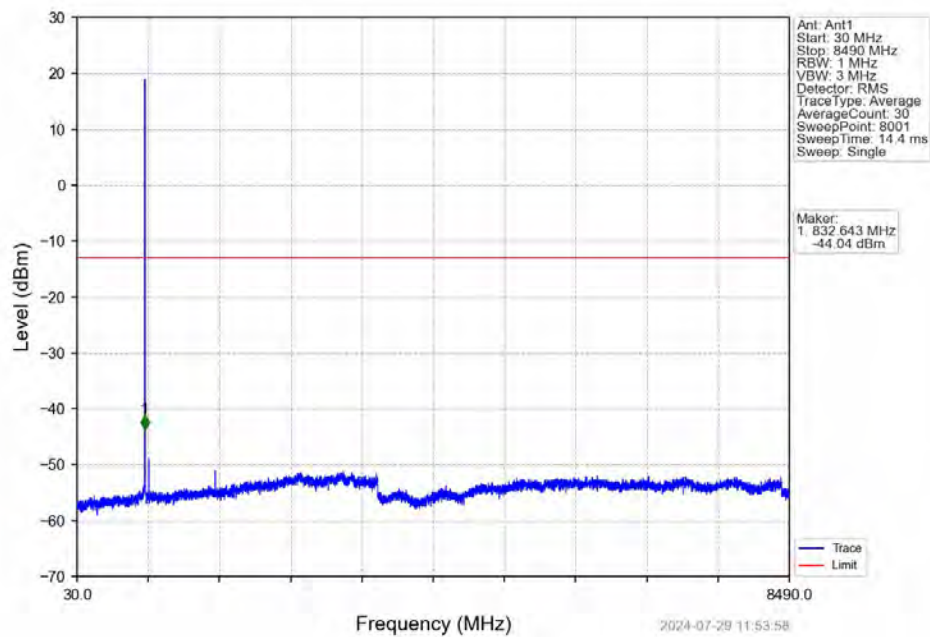
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



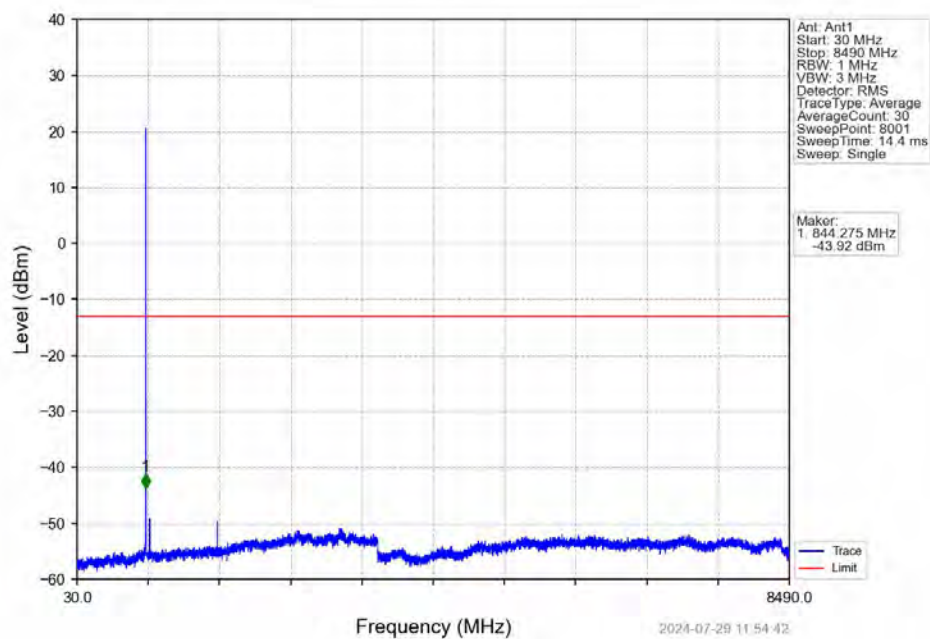
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



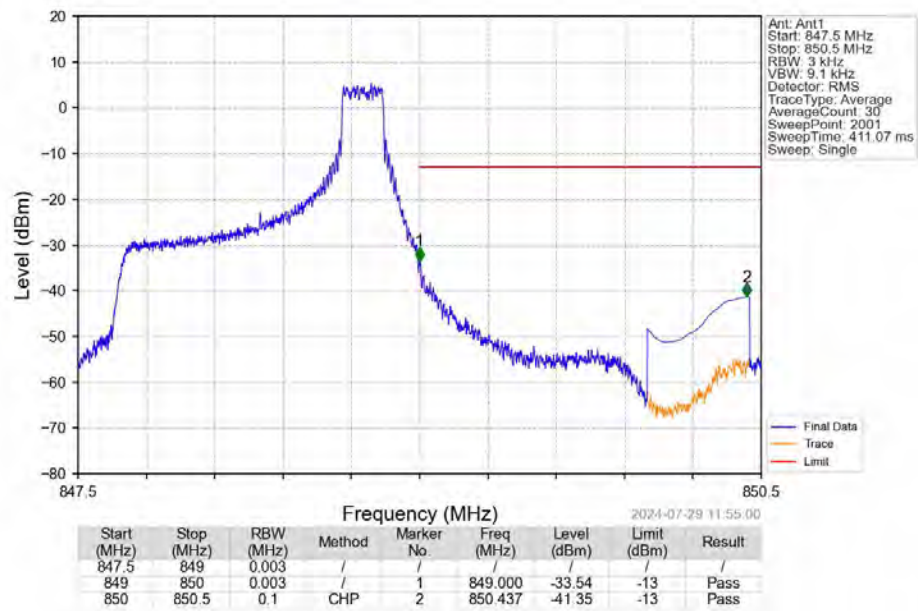
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



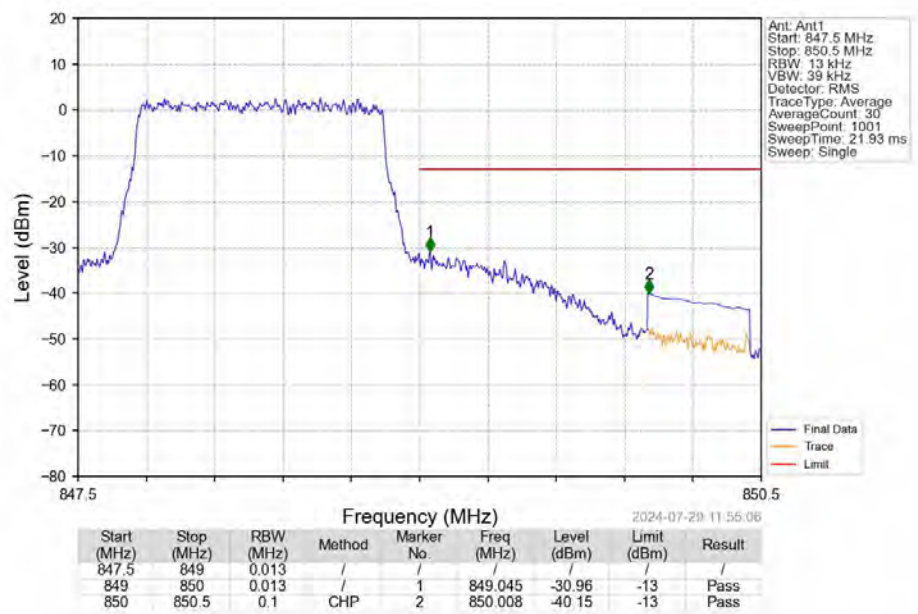
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



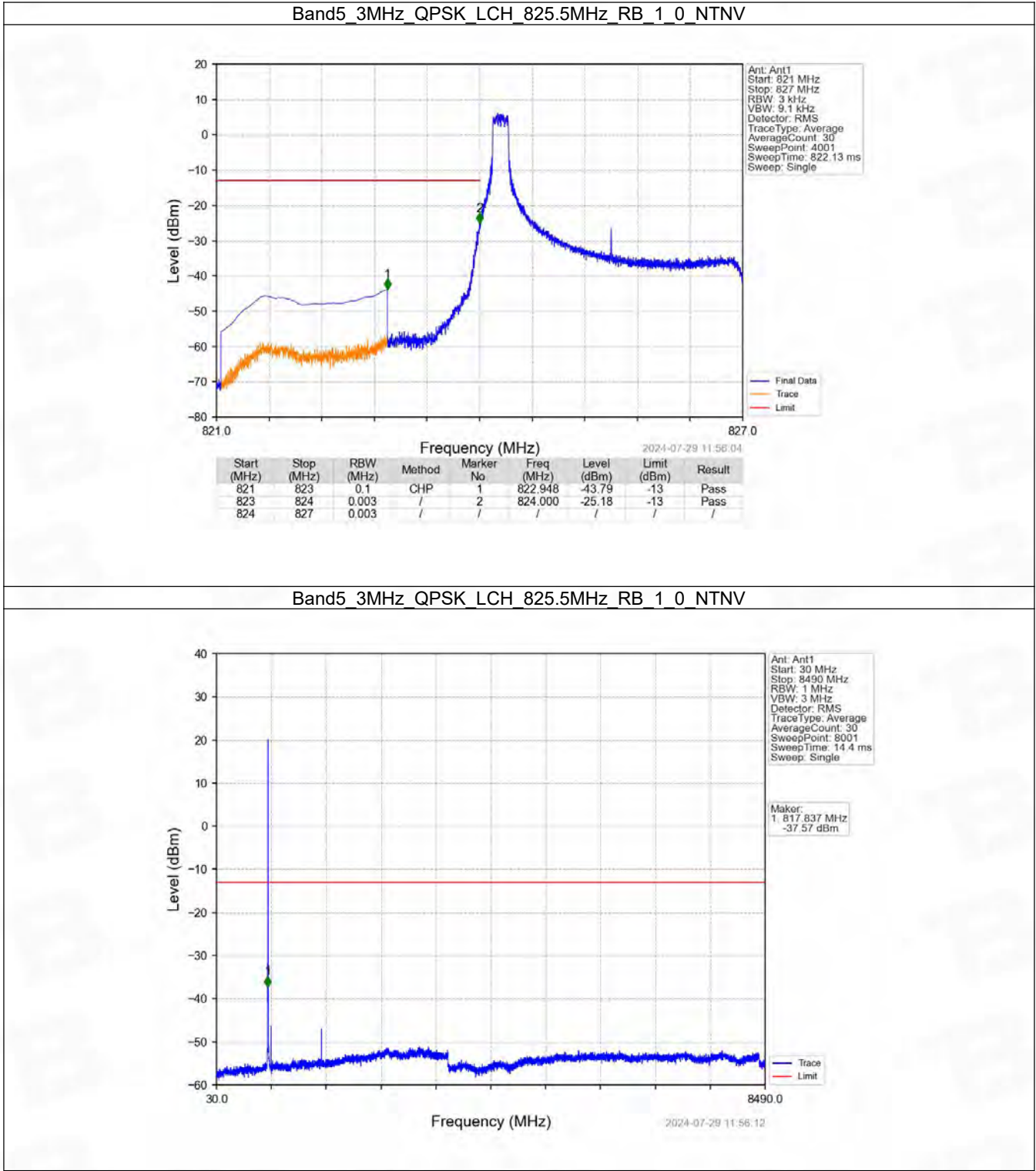
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



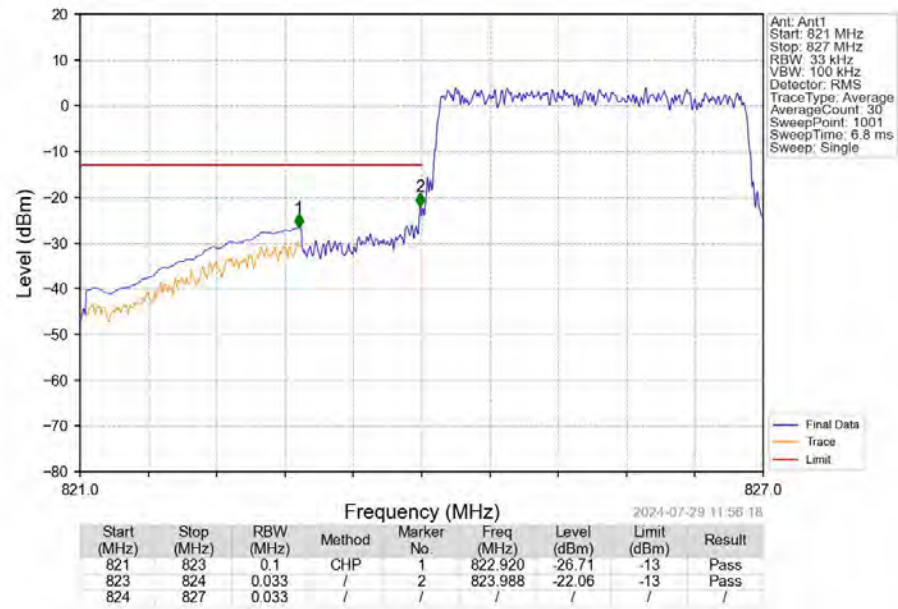
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



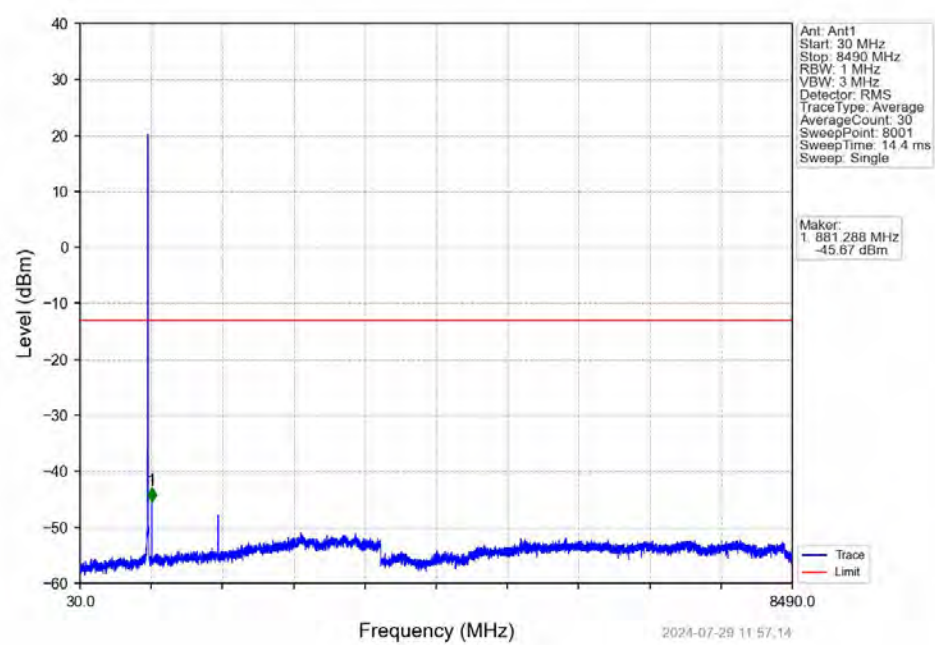
6.2.2 B5_3MHz



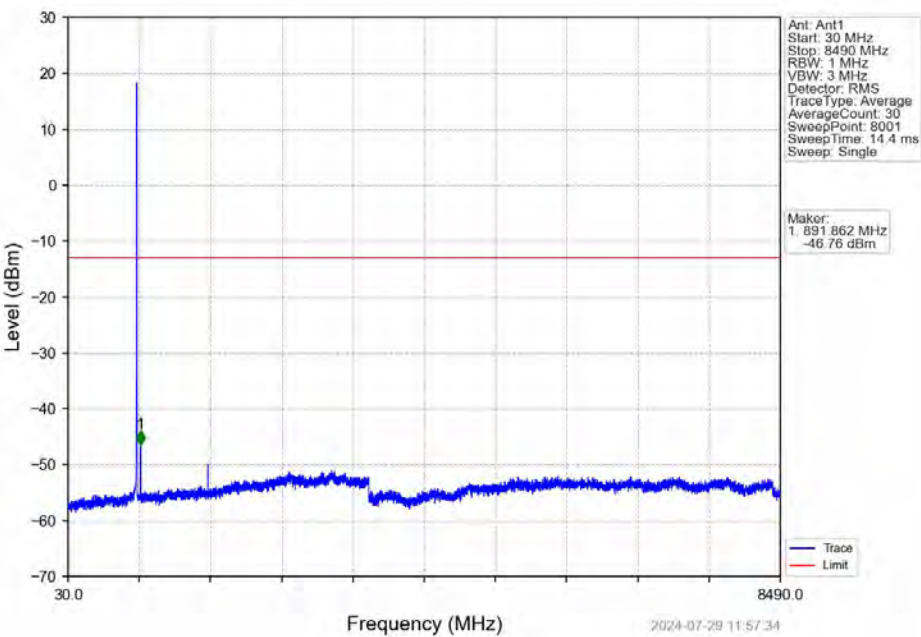
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



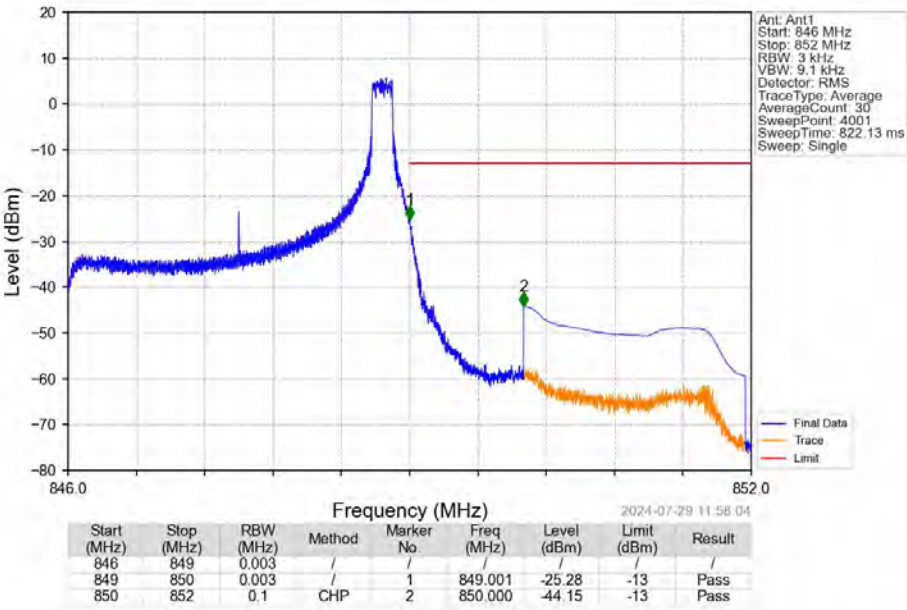
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



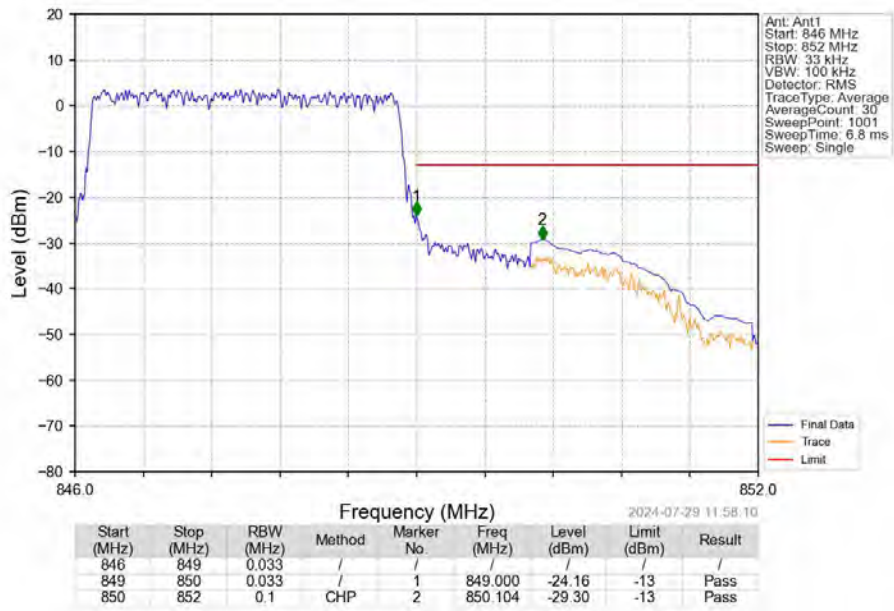
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



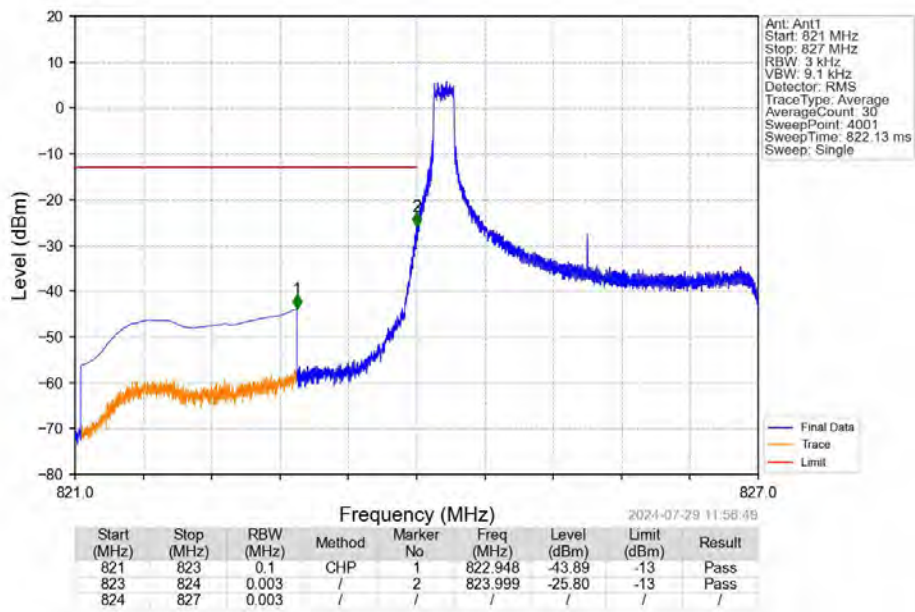
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



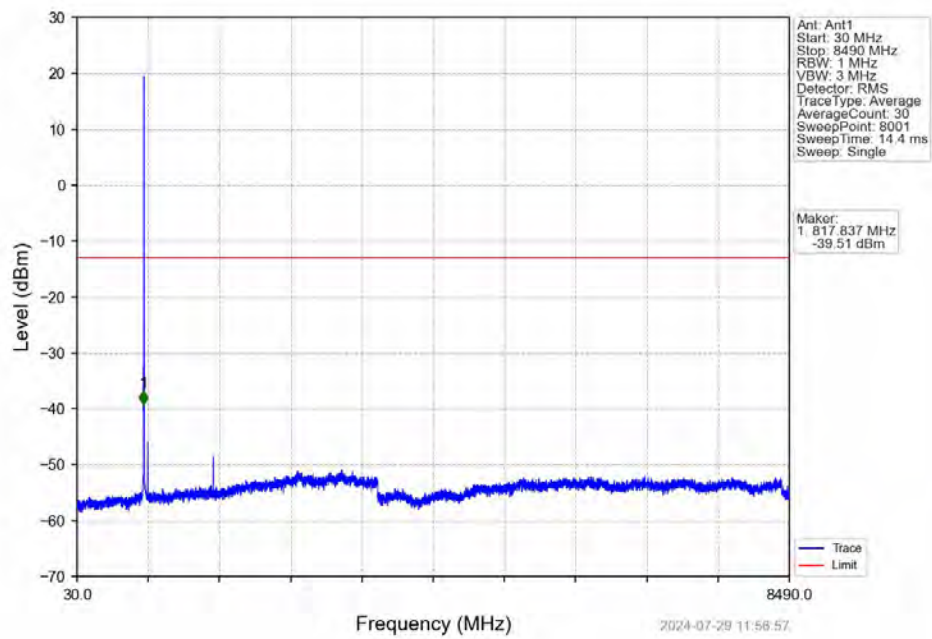
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



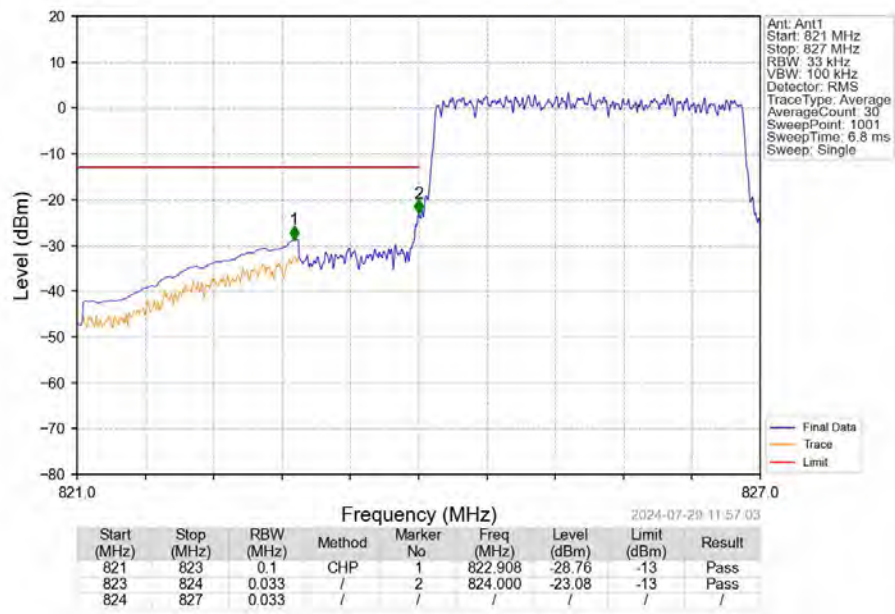
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



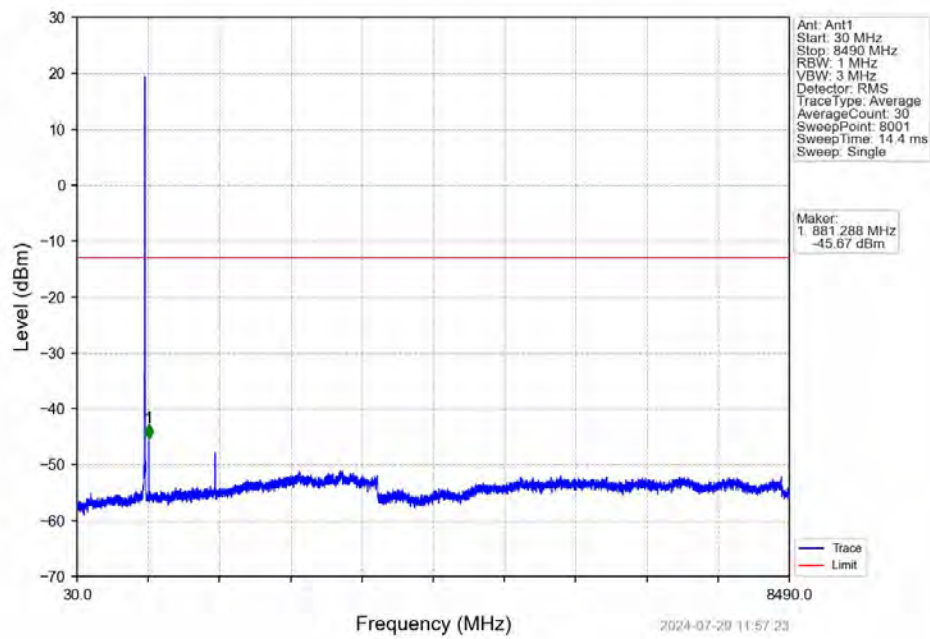
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



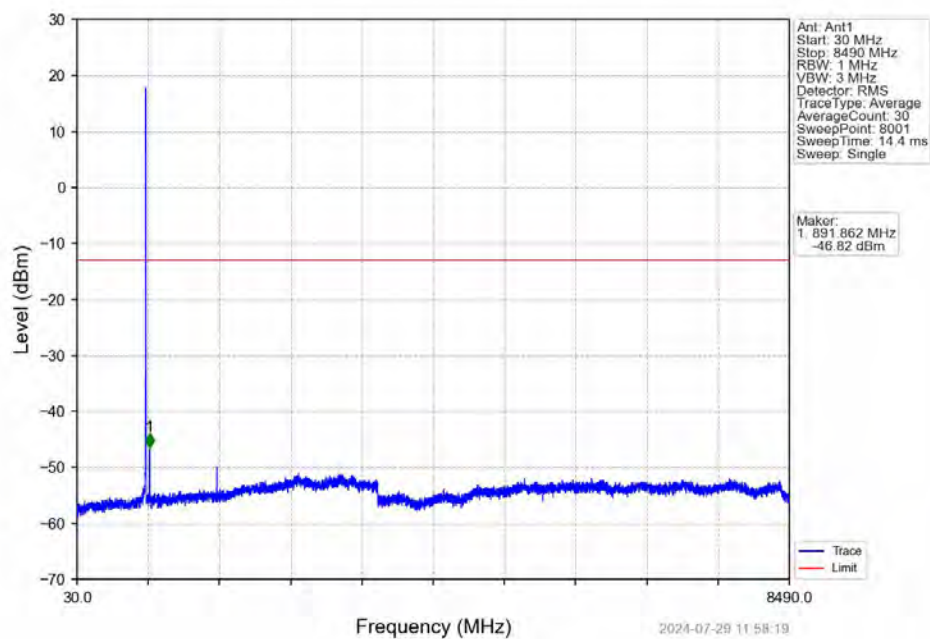
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



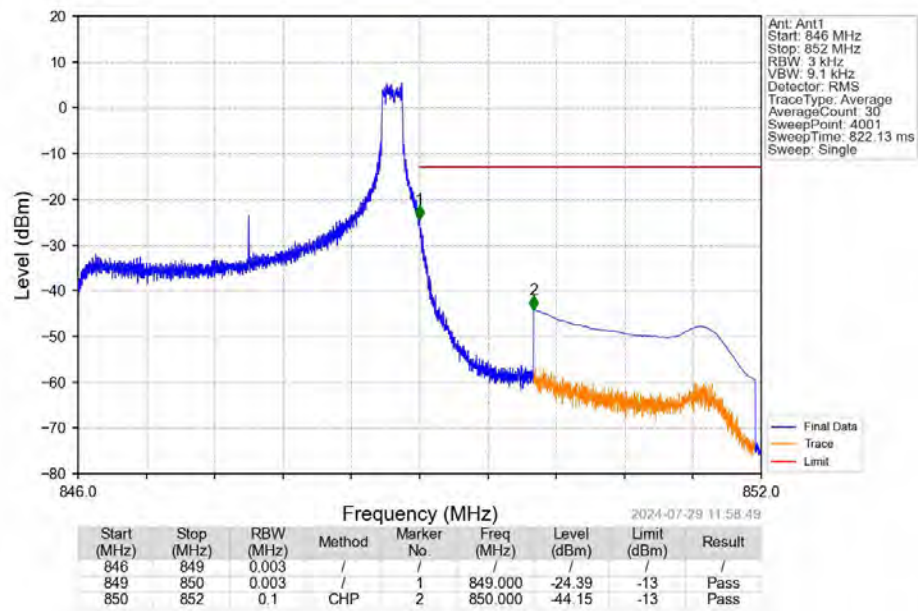
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



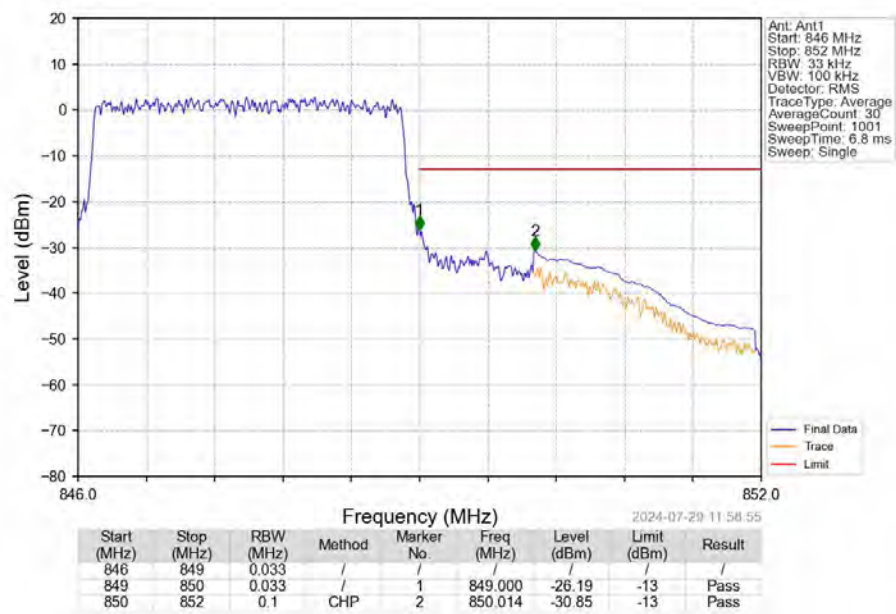
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



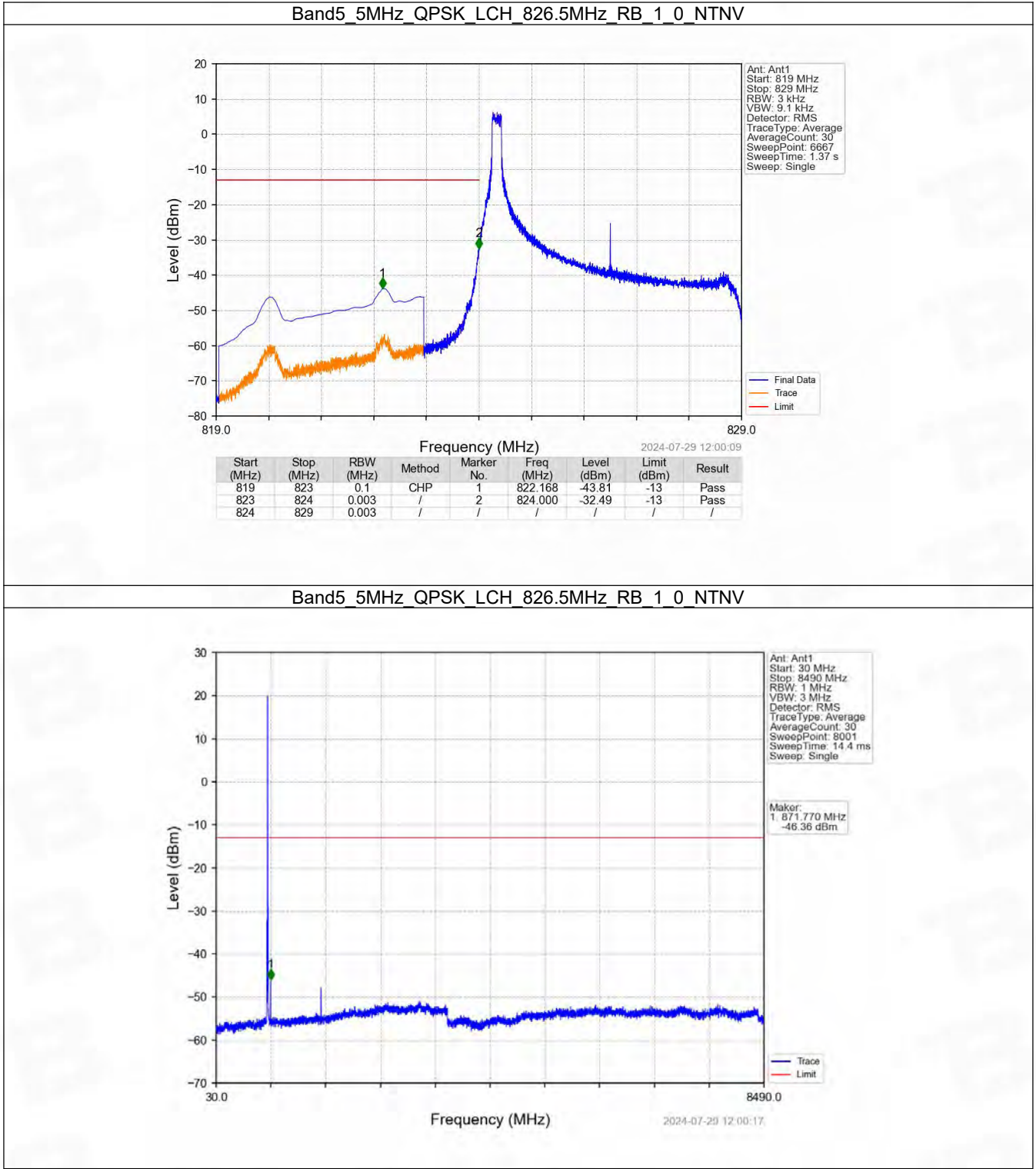
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



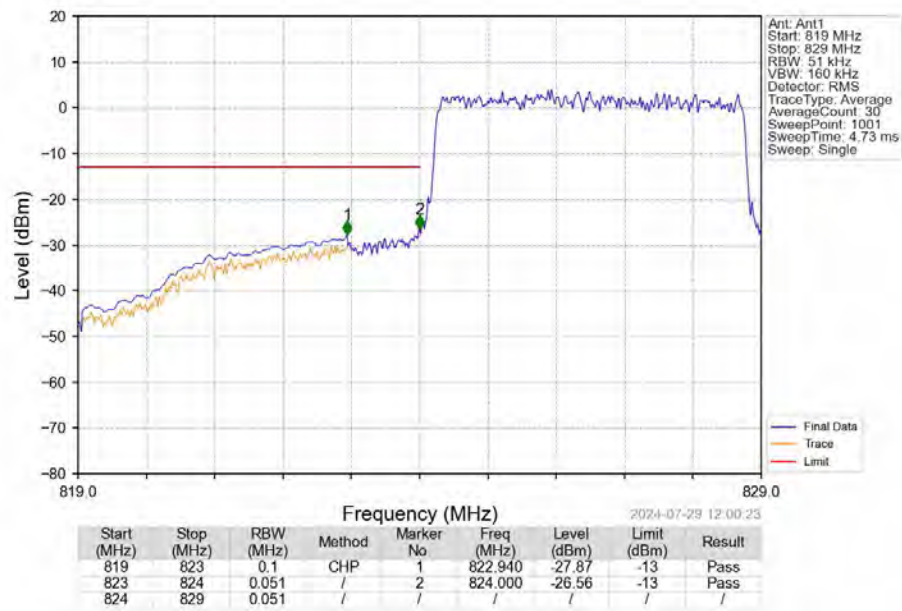
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



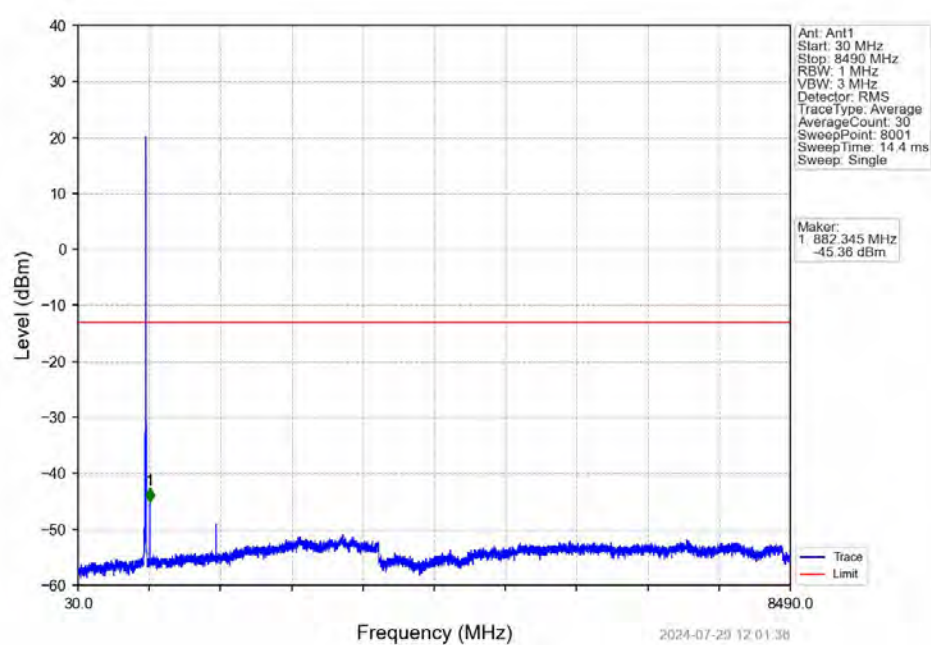
6.2.3 B5_5MHz



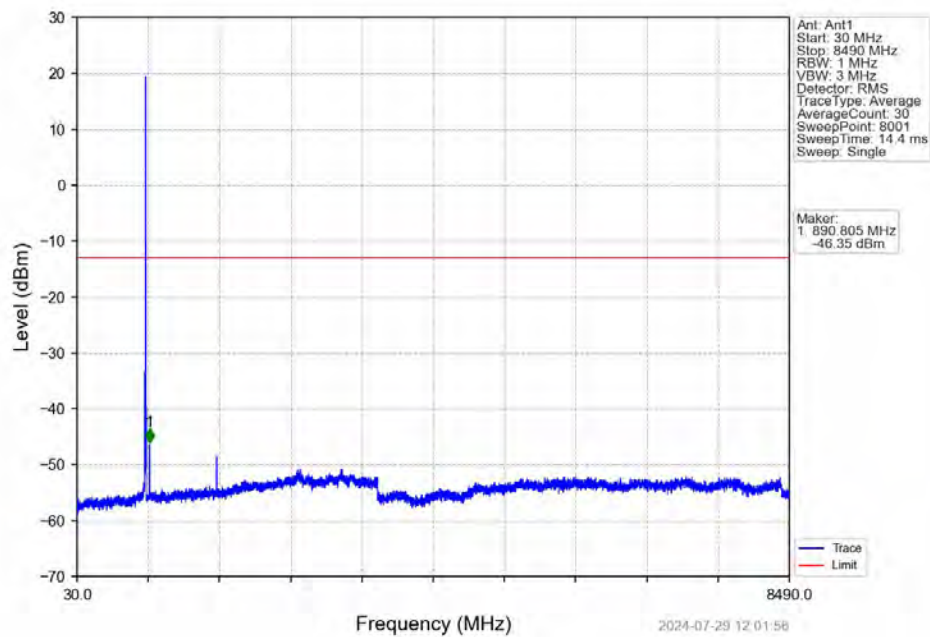
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



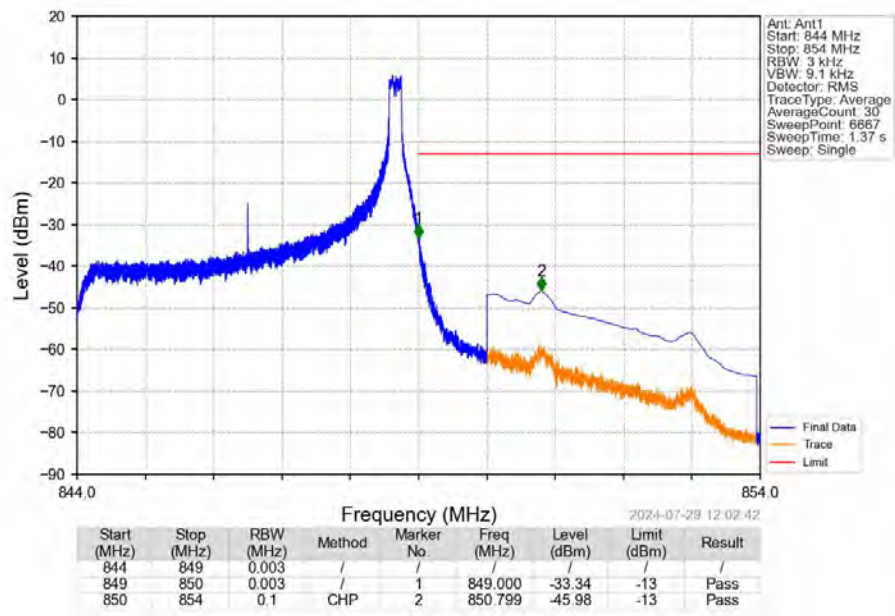
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



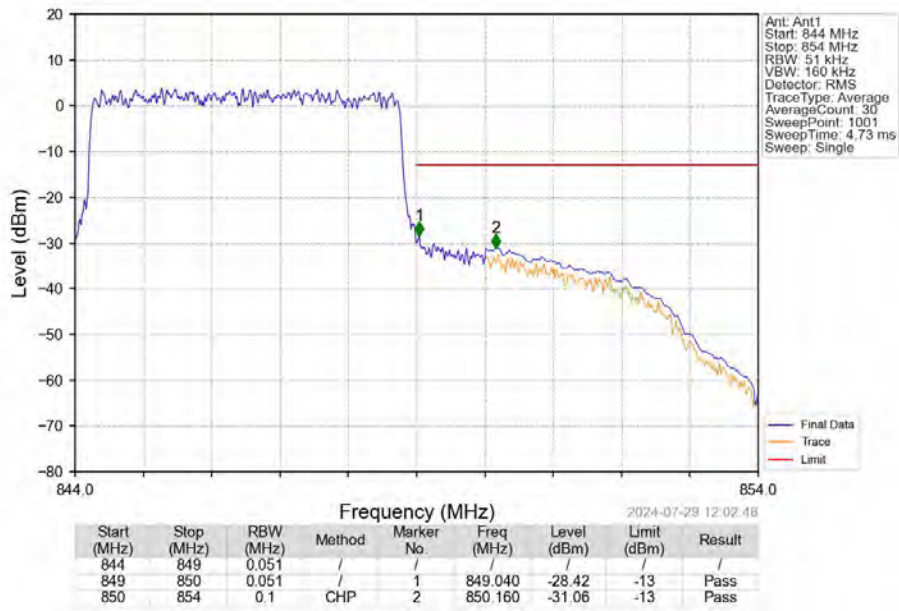
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



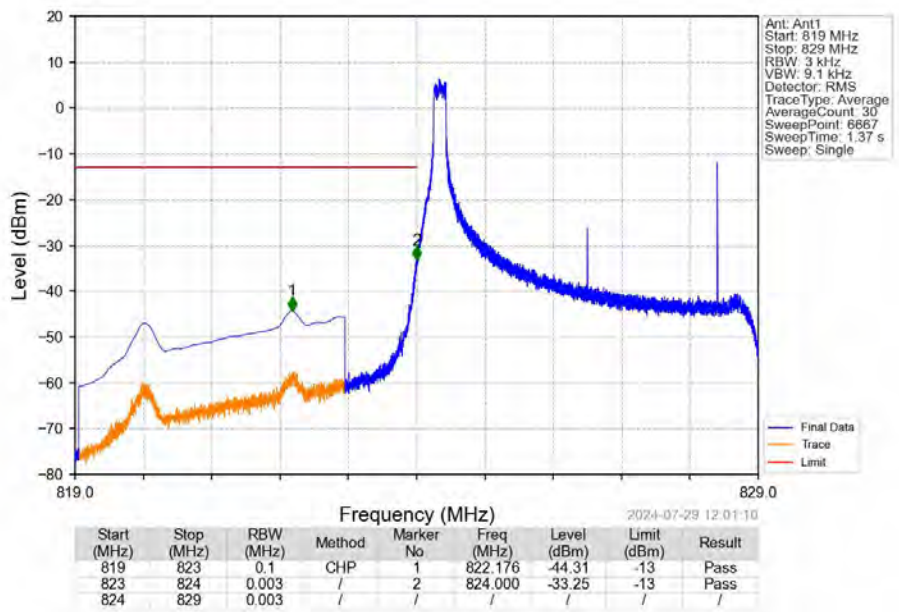
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



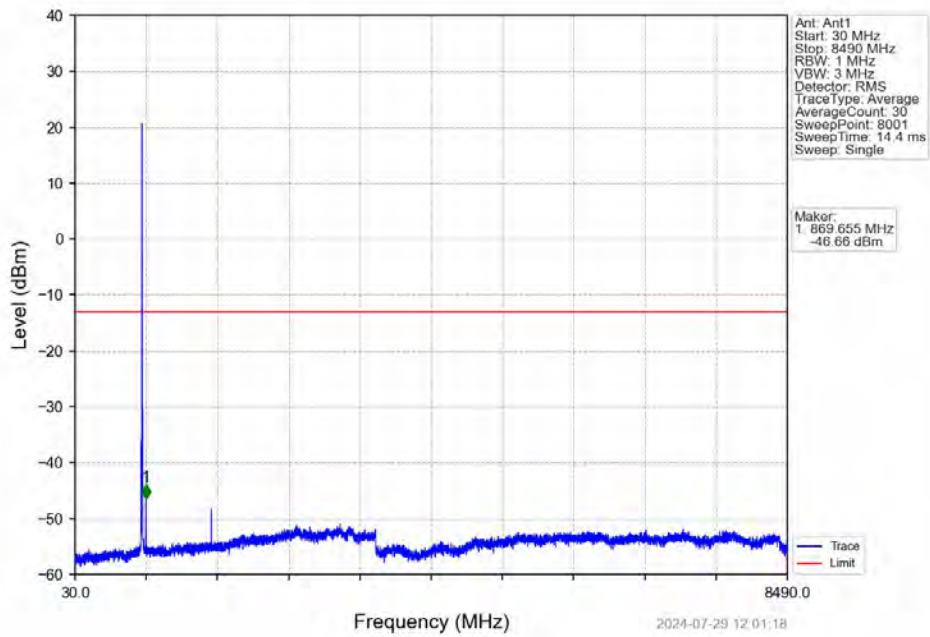
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



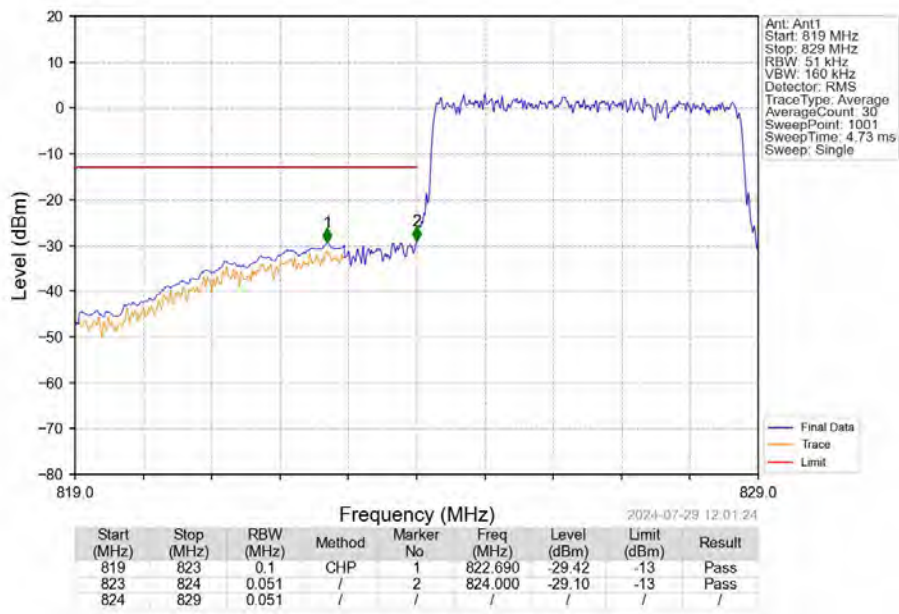
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



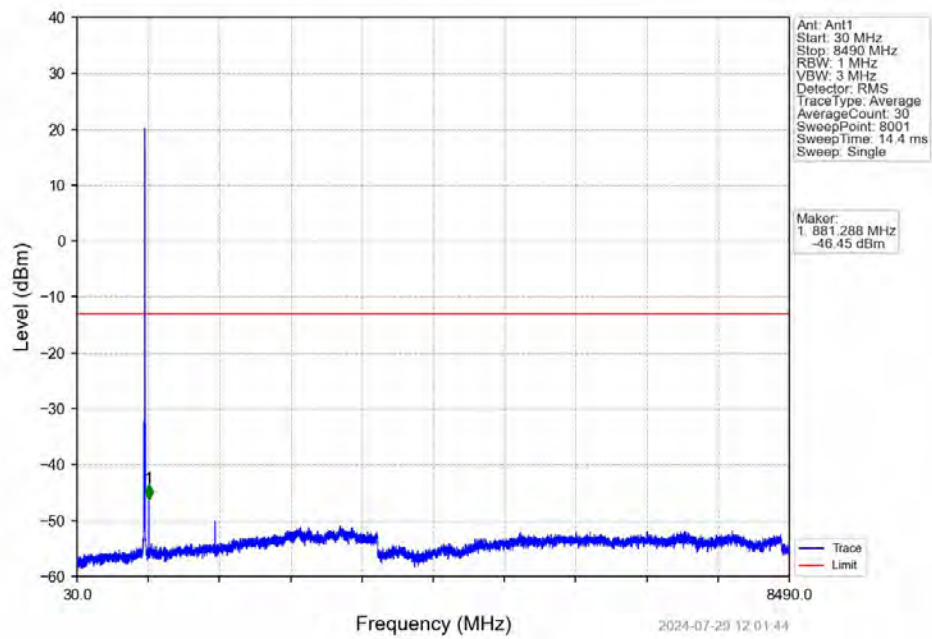
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



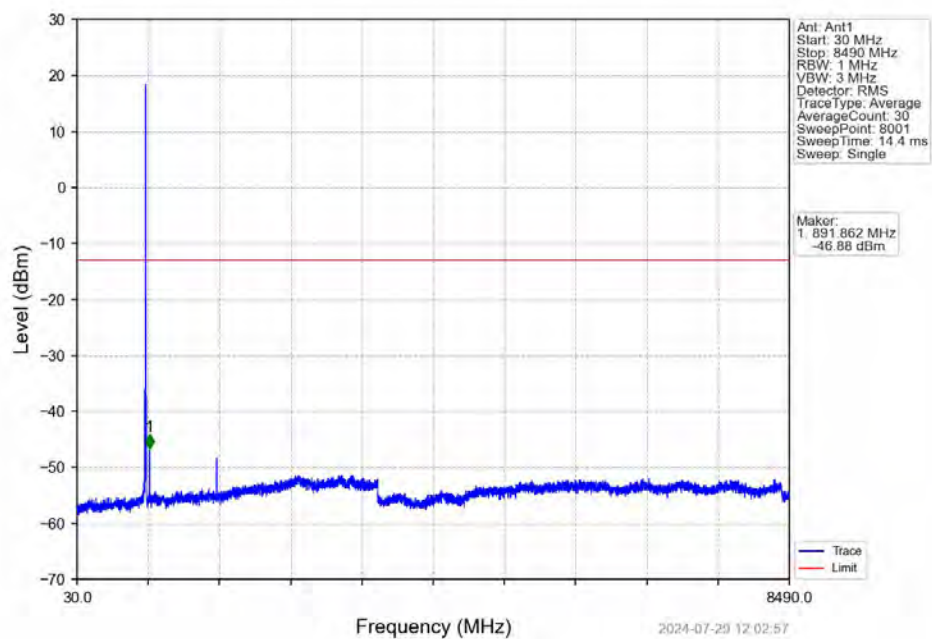
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



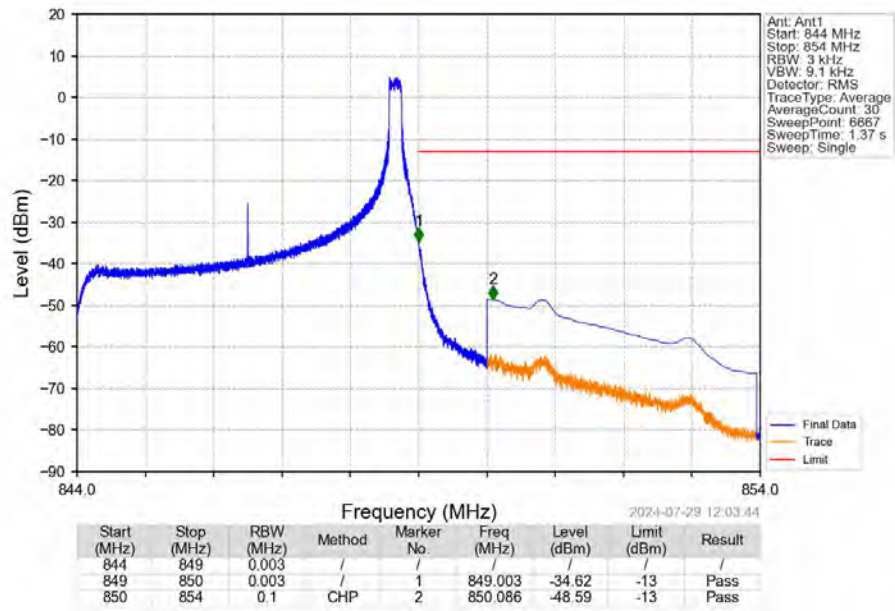
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



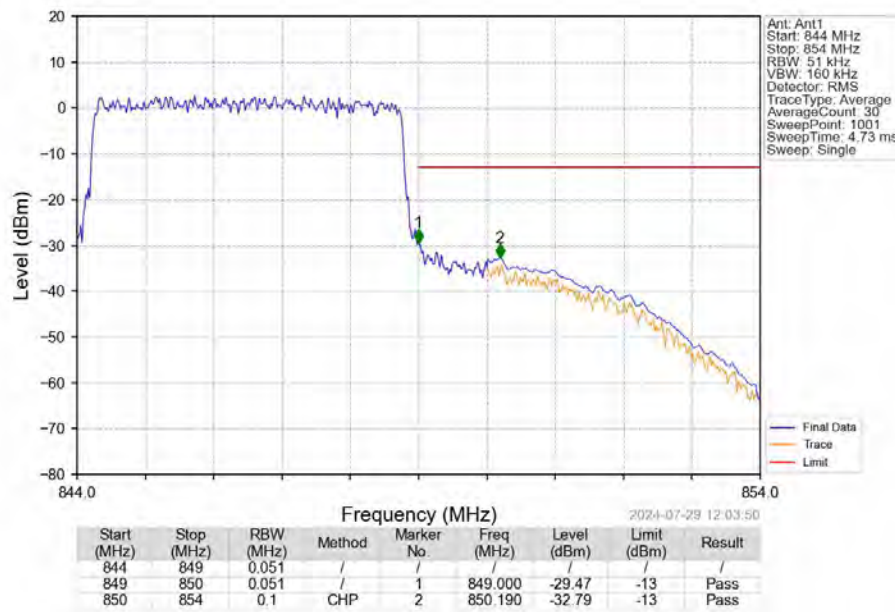
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



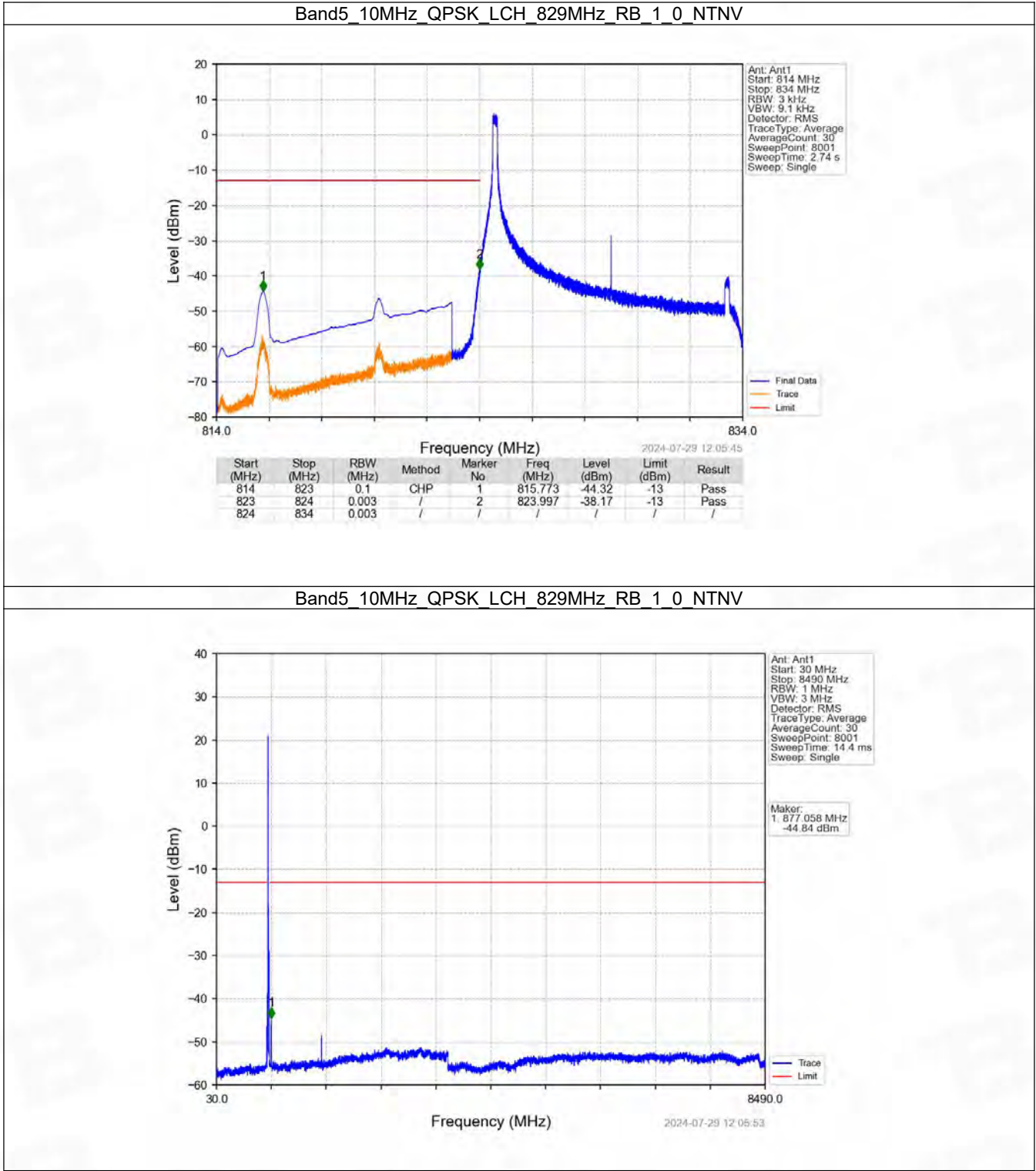
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



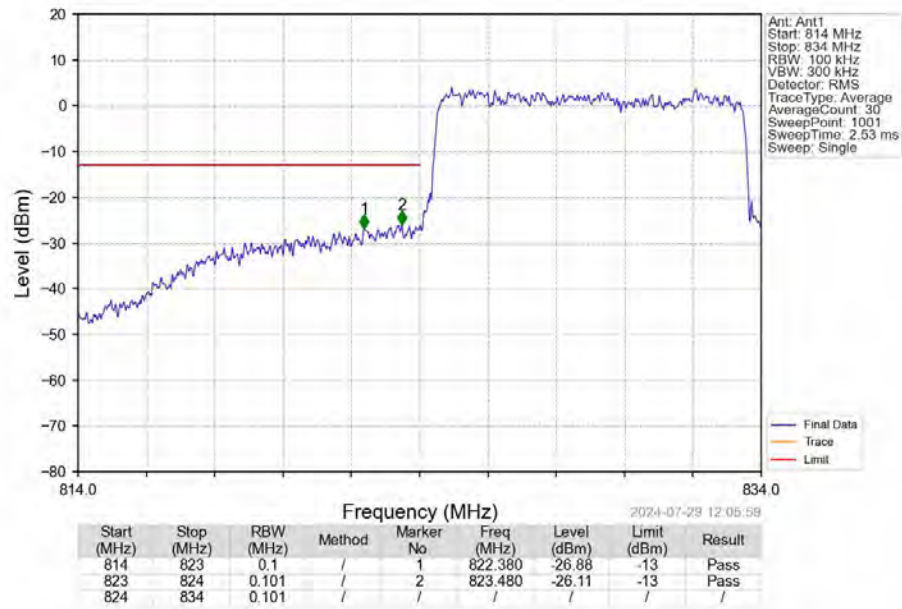
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



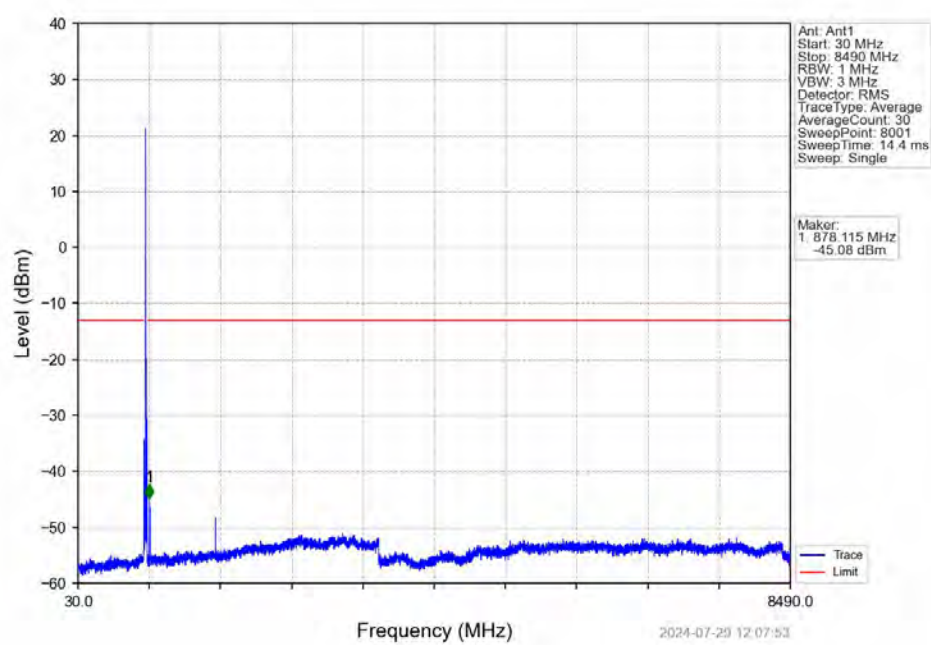
6.2.4 B5_10MHz



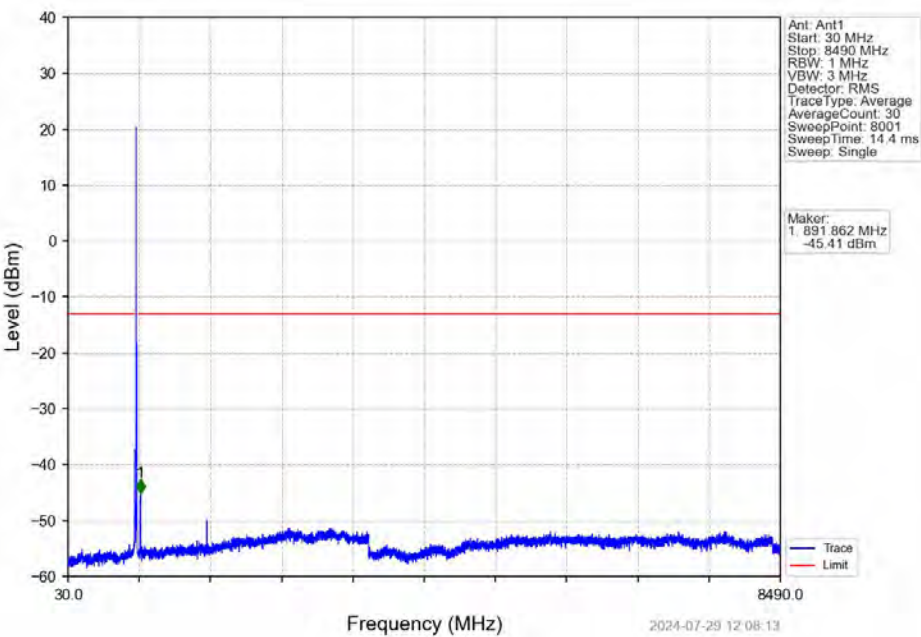
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



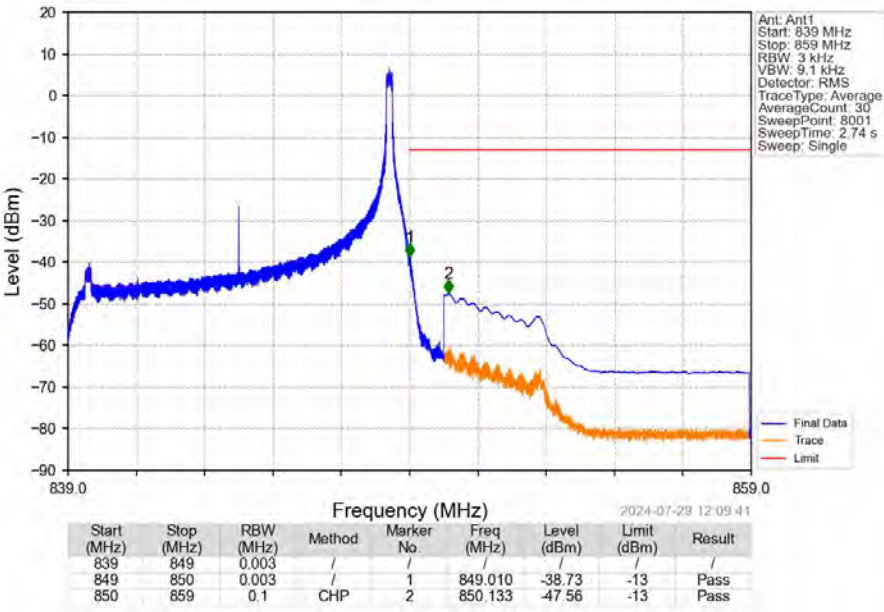
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



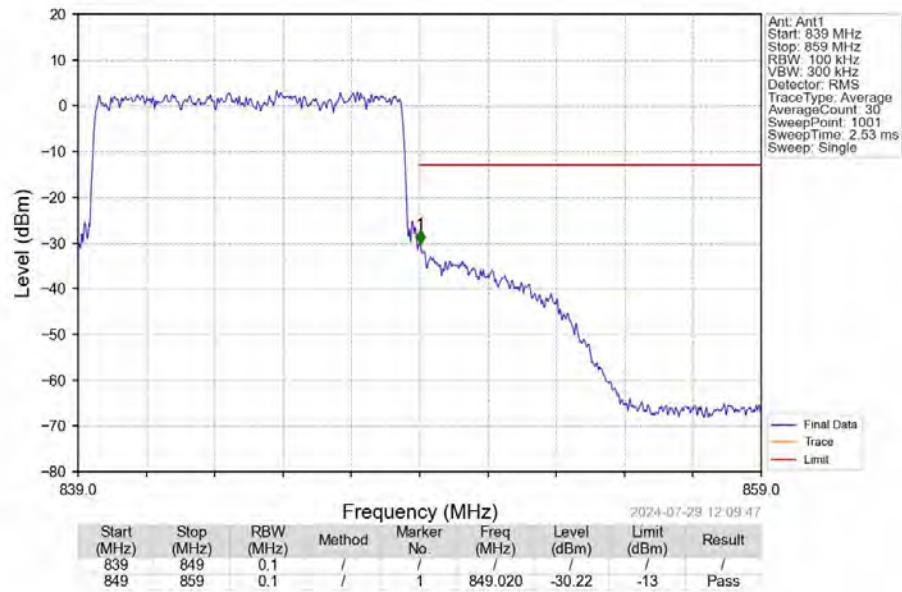
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



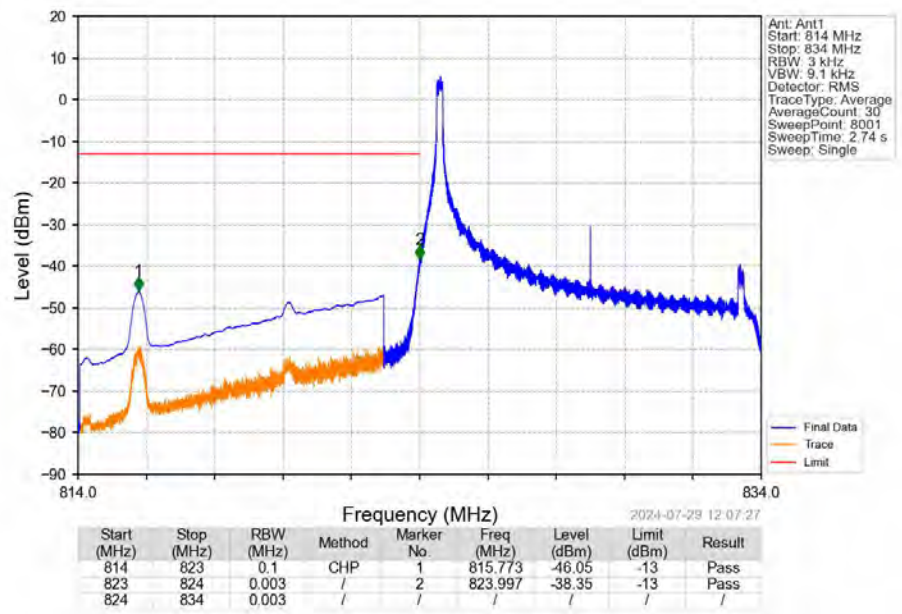
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



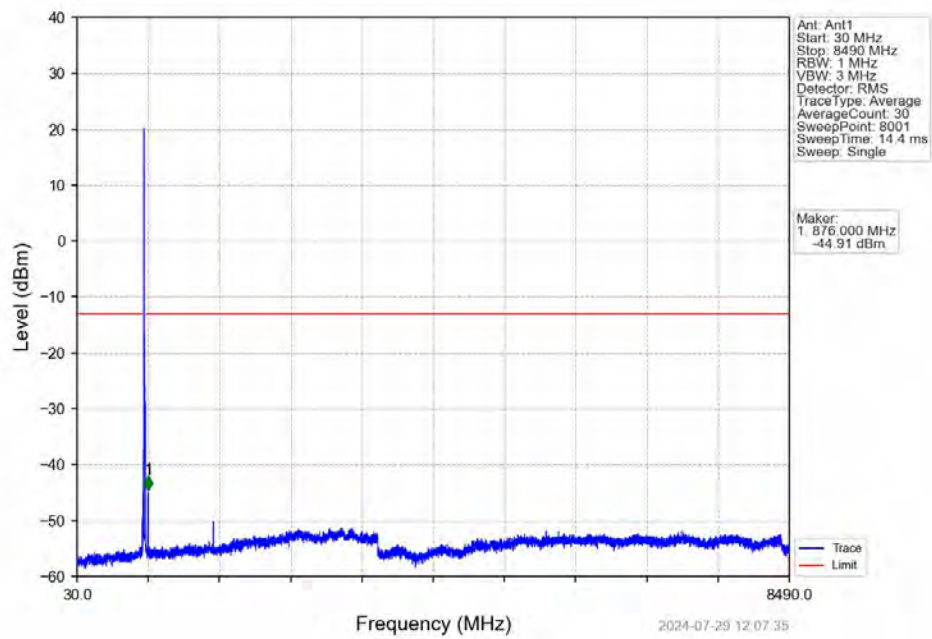
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



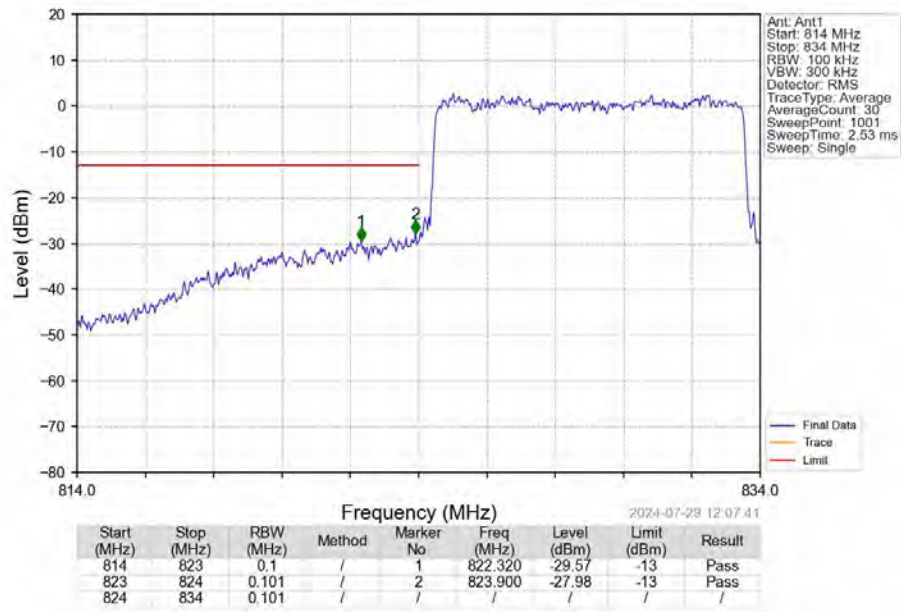
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



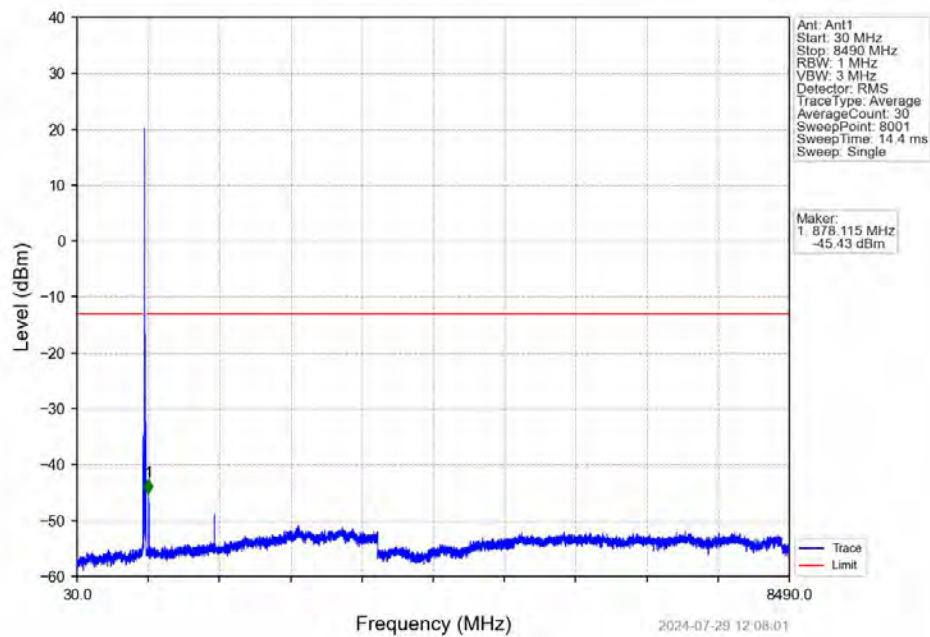
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



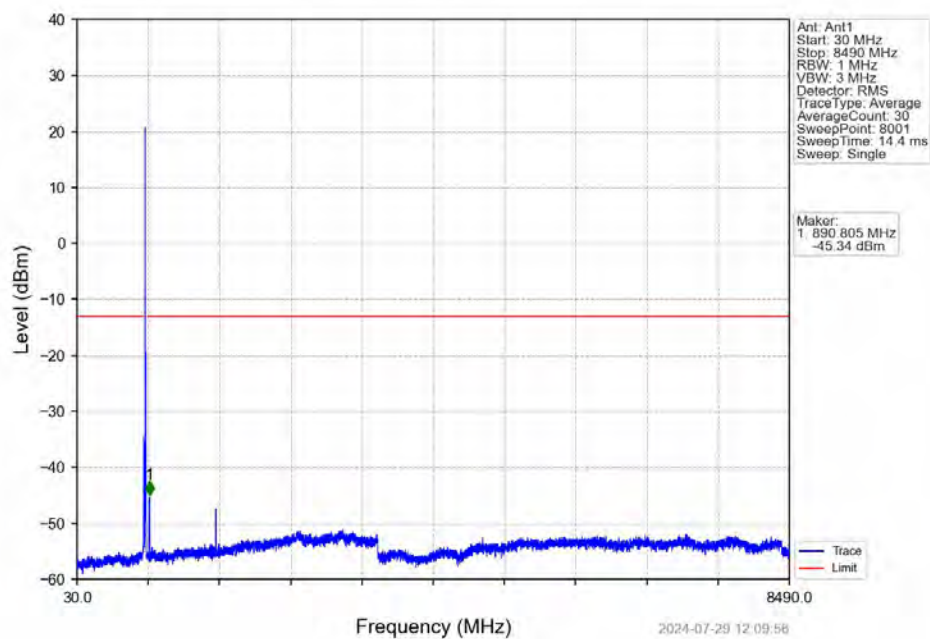
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



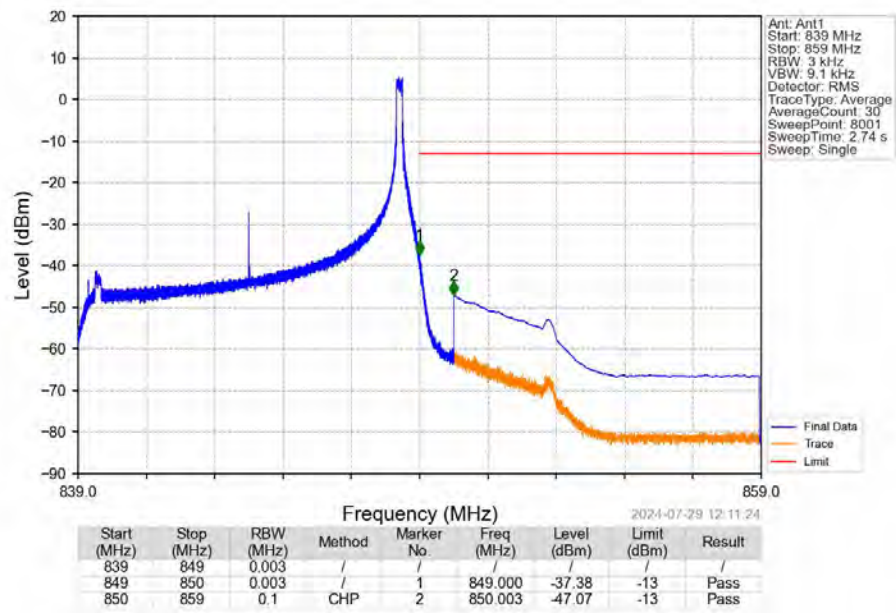
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



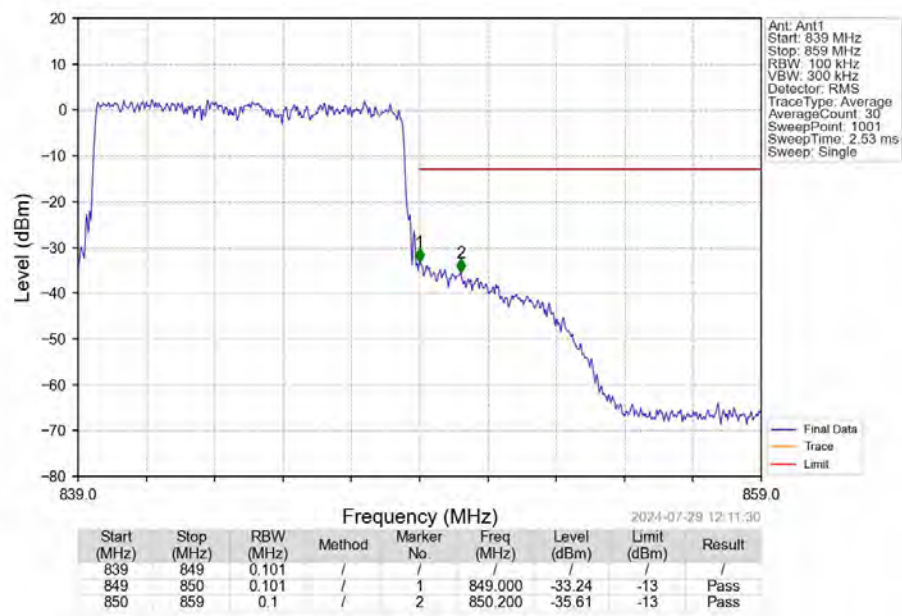
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5 10MHz 16QAM HCH 844MHz RB 1 49 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



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	0.1637	0.0574	ppm	1M12G7D	22H	22.14
5	1.4	824.7	848.3	0.1600	0.0550	ppm	1M12W7D	22H	22.04
5	3	825.5	847.5	0.1626	0.0411	ppm	2M76G7D	22H	22.11
5	3	825.5	847.5	0.1493	0.0416	ppm	2M76W7D	22H	21.74
5	5	826.5	846.5	0.1542	0.0306	ppm	4M57G7D	22H	21.88
5	5	826.5	846.5	0.1439	0.0292	ppm	4M60W7D	22H	21.58
5	10	829	844	0.1549	0.0414	ppm	9M13G7D	22H	21.90
5	10	829	844	0.1500	0.0532	ppm	9M10W7D	22H	21.76

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	0.0766	0.0574	ppm	1M12G7D	22H	18.84
5	1.4	824.7	848.3	0.0748	0.0550	ppm	1M12W7D	22H	18.74
5	3	825.5	847.5	0.0760	0.0411	ppm	2M76G7D	22H	18.81
5	3	825.5	847.5	0.0698	0.0416	ppm	2M76W7D	22H	18.44
5	5	826.5	846.5	0.0721	0.0306	ppm	4M57G7D	22H	18.58
5	5	826.5	846.5	0.0673	0.0292	ppm	4M60W7D	22H	18.28
5	10	829	844	0.0724	0.0414	ppm	9M13G7D	22H	18.60
5	10	829	844	0.0701	0.0532	ppm	9M10W7D	22H	18.46