

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.02	-0.28	20.59	<=38.45	Pass
			2	22.95	-0.28	20.52	<=38.45	Pass
			5	23.00	-0.28	20.57	<=38.45	Pass
		3	0	22.01	-0.28	19.58	<=38.45	Pass
			2	19.96	-0.28	17.53	<=38.45	Pass
			3	19.95	-0.28	17.52	<=38.45	Pass
		6	0	20.00	-0.28	17.57	<=38.45	Pass
	836.5	1	0	19.98	-0.28	17.55	<=38.45	Pass
			2	19.98	-0.28	17.55	<=38.45	Pass
			5	19.97	-0.28	17.54	<=38.45	Pass
		3	0	19.95	-0.28	17.52	<=38.45	Pass
			2	19.96	-0.28	17.53	<=38.45	Pass
			3	19.97	-0.28	17.54	<=38.45	Pass
		6	0	19.96	-0.28	17.53	<=38.45	Pass
	848.3	1	0	22.93	-0.28	20.50	<=38.45	Pass
			2	22.89	-0.28	20.46	<=38.45	Pass
			5	22.93	-0.28	20.50	<=38.45	Pass
		3	0	22.91	-0.28	20.48	<=38.45	Pass
			2	21.95	-0.28	19.52	<=38.45	Pass
			3	19.92	-0.28	17.49	<=38.45	Pass
		6	0	19.91	-0.28	17.48	<=38.45	Pass
16QAM	824.7	1	0	20.00	-0.28	17.57	<=38.45	Pass
			2	19.92	-0.28	17.49	<=38.45	Pass
			5	19.97	-0.28	17.54	<=38.45	Pass
		3	0	20.17	-0.28	17.74	<=38.45	Pass
			2	20.18	-0.28	17.75	<=38.45	Pass
			3	20.18	-0.28	17.75	<=38.45	Pass
		6	0	20.00	-0.28	17.57	<=38.45	Pass
	836.5	1	0	19.99	-0.28	17.56	<=38.45	Pass
			2	19.96	-0.28	17.53	<=38.45	Pass
			5	20.02	-0.28	17.59	<=38.45	Pass
		3	0	20.00	-0.28	17.57	<=38.45	Pass
			2	20.00	-0.28	17.57	<=38.45	Pass
			3	20.00	-0.28	17.57	<=38.45	Pass
		6	0	19.85	-0.28	17.42	<=38.45	Pass
	848.3	1	0	19.93	-0.28	17.50	<=38.45	Pass
			2	19.89	-0.28	17.46	<=38.45	Pass
			5	19.93	-0.28	17.50	<=38.45	Pass
		3	0	19.96	-0.28	17.53	<=38.45	Pass
2			19.95	-0.28	17.52	<=38.45	Pass	
3			19.95	-0.28	17.52	<=38.45	Pass	
6		0	19.81	-0.28	17.38	<=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	20.03	-0.28	17.60	<=38.45	Pass
			7	20.01	-0.28	17.58	<=38.45	Pass
			14	19.99	-0.28	17.56	<=38.45	Pass
		8	0	20.00	-0.28	17.57	<=38.45	Pass
			4	19.97	-0.28	17.54	<=38.45	Pass
			7	19.99	-0.28	17.56	<=38.45	Pass
		15	0	19.97	-0.28	17.54	<=38.45	Pass
	836.5	1	0	20.00	-0.28	17.57	<=38.45	Pass
			7	19.99	-0.28	17.56	<=38.45	Pass
			14	19.96	-0.28	17.53	<=38.45	Pass
		8	0	19.97	-0.28	17.54	<=38.45	Pass
			4	19.92	-0.28	17.49	<=38.45	Pass
			7	19.90	-0.28	17.47	<=38.45	Pass
		15	0	19.94	-0.28	17.51	<=38.45	Pass
	847.5	1	0	19.89	-0.28	17.46	<=38.45	Pass
			7	19.85	-0.28	17.42	<=38.45	Pass
			14	19.83	-0.28	17.40	<=38.45	Pass
		8	0	19.90	-0.28	17.47	<=38.45	Pass
			4	19.90	-0.28	17.47	<=38.45	Pass
			7	19.91	-0.28	17.48	<=38.45	Pass
		15	0	19.89	-0.28	17.46	<=38.45	Pass
16QAM	825.5	1	0	20.03	-0.28	17.60	<=38.45	Pass
			7	20.01	-0.28	17.58	<=38.45	Pass
			14	19.99	-0.28	17.56	<=38.45	Pass
		8	0	20.07	-0.28	17.64	<=38.45	Pass
			4	20.07	-0.28	17.64	<=38.45	Pass
			7	20.07	-0.28	17.64	<=38.45	Pass
		15	0	20.00	-0.28	17.57	<=38.45	Pass
	836.5	1	0	20.14	-0.28	17.71	<=38.45	Pass
			7	20.11	-0.28	17.68	<=38.45	Pass
			14	20.07	-0.28	17.64	<=38.45	Pass
		8	0	19.96	-0.28	17.53	<=38.45	Pass
			4	19.93	-0.28	17.50	<=38.45	Pass
			7	19.90	-0.28	17.47	<=38.45	Pass
		15	0	19.89	-0.28	17.46	<=38.45	Pass
	847.5	1	0	20.52	-0.28	18.09	<=38.45	Pass
			7	20.52	-0.28	18.09	<=38.45	Pass
			14	20.45	-0.28	18.02	<=38.45	Pass
		8	0	20.04	-0.28	17.61	<=38.45	Pass
			4	20.06	-0.28	17.63	<=38.45	Pass
			7	20.06	-0.28	17.63	<=38.45	Pass
		15	0	19.99	-0.28	17.56	<=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	20.09	-0.28	17.66	<=38.45	Pass
			13	20.02	-0.28	17.59	<=38.45	Pass
			24	20.05	-0.28	17.62	<=38.45	Pass
		12	0	20.03	-0.28	17.60	<=38.45	Pass
			6	19.99	-0.28	17.56	<=38.45	Pass
			13	20.00	-0.28	17.57	<=38.45	Pass

16QAM	836.5	25	0	20.04	-0.28	17.61	<=38.45	Pass
		1	0	20.09	-0.28	17.66	<=38.45	Pass
			13	20.03	-0.28	17.60	<=38.45	Pass
			24	20.02	-0.28	17.59	<=38.45	Pass
		12	0	20.02	-0.28	17.59	<=38.45	Pass
			6	19.99	-0.28	17.56	<=38.45	Pass
			13	19.95	-0.28	17.52	<=38.45	Pass
		25	0	20.02	-0.28	17.59	<=38.45	Pass
	846.5	1	0	20.00	-0.28	17.57	<=38.45	Pass
			13	19.97	-0.28	17.54	<=38.45	Pass
			24	19.96	-0.28	17.53	<=38.45	Pass
		12	0	19.95	-0.28	17.52	<=38.45	Pass
			6	19.95	-0.28	17.52	<=38.45	Pass
			13	19.97	-0.28	17.54	<=38.45	Pass
		25	0	19.99	-0.28	17.56	<=38.45	Pass
	826.5	1	0	20.18	-0.28	17.75	<=38.45	Pass
			13	20.13	-0.28	17.70	<=38.45	Pass
			24	20.14	-0.28	17.71	<=38.45	Pass
		12	0	20.01	-0.28	17.58	<=38.45	Pass
			6	19.99	-0.28	17.56	<=38.45	Pass
			13	20.00	-0.28	17.57	<=38.45	Pass
		25	0	20.05	-0.28	17.62	<=38.45	Pass
	836.5	1	0	20.17	-0.28	17.74	<=38.45	Pass
			13	20.32	-0.28	17.89	<=38.45	Pass
			24	20.29	-0.28	17.86	<=38.45	Pass
		12	0	20.07	-0.28	17.64	<=38.45	Pass
			6	20.06	-0.28	17.63	<=38.45	Pass
			13	20.02	-0.28	17.59	<=38.45	Pass
		25	0	20.00	-0.28	17.57	<=38.45	Pass
	846.5	1	0	19.48	-0.28	17.05	<=38.45	Pass
			13	19.53	-0.28	17.10	<=38.45	Pass
			24	19.59	-0.28	17.16	<=38.45	Pass
		12	0	19.96	-0.28	17.53	<=38.45	Pass
			6	19.96	-0.28	17.53	<=38.45	Pass
			13	20.00	-0.28	17.57	<=38.45	Pass
		25	0	20.01	-0.28	17.58	<=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	20.09	-0.28	17.66	<=38.45	Pass
			25	19.97	-0.28	17.54	<=38.45	Pass
			49	20.14	-0.28	17.71	<=38.45	Pass
		25	0	19.96	-0.28	17.53	<=38.45	Pass
			13	19.98	-0.28	17.55	<=38.45	Pass
			25	20.08	-0.28	17.65	<=38.45	Pass
		50	0	20.02	-0.28	17.59	<=38.45	Pass
	836.5	1	0	19.88	-0.28	17.45	<=38.45	Pass
			25	19.98	-0.28	17.55	<=38.45	Pass
			49	19.75	-0.28	17.32	<=38.45	Pass
		25	0	19.98	-0.28	17.55	<=38.45	Pass
			13	19.98	-0.28	17.55	<=38.45	Pass
			25	19.94	-0.28	17.51	<=38.45	Pass
		50	0	19.95	-0.28	17.52	<=38.45	Pass

16QAM	844	1	0	19.82	-0.28	17.39	<=38.45	Pass
			25	19.70	-0.28	17.27	<=38.45	Pass
			49	19.48	-0.28	17.05	<=38.45	Pass
		25	0	20.03	-0.28	17.60	<=38.45	Pass
			13	19.95	-0.28	17.52	<=38.45	Pass
			25	20.02	-0.28	17.59	<=38.45	Pass
		50	0	20.02	-0.28	17.59	<=38.45	Pass
			0	20.06	-0.28	17.63	<=38.45	Pass
			25	19.66	-0.28	17.23	<=38.45	Pass
16QAM	829	1	49	20.11	-0.28	17.68	<=38.45	Pass
			0	20.00	-0.28	17.57	<=38.45	Pass
			13	20.01	-0.28	17.58	<=38.45	Pass
		25	25	20.15	-0.28	17.72	<=38.45	Pass
			0	20.03	-0.28	17.60	<=38.45	Pass
			0	19.81	-0.28	17.38	<=38.45	Pass
		1	25	19.82	-0.28	17.39	<=38.45	Pass
			49	19.84	-0.28	17.41	<=38.45	Pass
			0	20.01	-0.28	17.58	<=38.45	Pass
16QAM	836.5	25	13	19.98	-0.28	17.55	<=38.45	Pass
			25	19.92	-0.28	17.49	<=38.45	Pass
			0	19.95	-0.28	17.52	<=38.45	Pass
		50	0	20.14	-0.28	17.71	<=38.45	Pass
			25	20.04	-0.28	17.61	<=38.45	Pass
			49	20.09	-0.28	17.66	<=38.45	Pass
		1	0	20.06	-0.28	17.63	<=38.45	Pass
			13	20.00	-0.28	17.57	<=38.45	Pass
			25	20.07	-0.28	17.64	<=38.45	Pass
16QAM	844	25	0	20.01	-0.28	17.58	<=38.45	Pass
			0	20.14	-0.28	17.71	<=38.45	Pass
			25	20.04	-0.28	17.61	<=38.45	Pass
		1	49	20.09	-0.28	17.66	<=38.45	Pass
			0	20.06	-0.28	17.63	<=38.45	Pass
			13	20.00	-0.28	17.57	<=38.45	Pass
		25	25	20.07	-0.28	17.64	<=38.45	Pass
			0	20.01	-0.28	17.58	<=38.45	Pass
			0	20.14	-0.28	17.71	<=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	-0.501	-0.0006	-2.5 to 2.5	Pass
					3.85	3.533	0.0043	-2.5 to 2.5	Pass
					4.43	-4.950	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	2.189	0.0027	-2.5 to 2.5	Pass
					3.85	8.097	0.0098	-2.5 to 2.5	Pass
					3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.719	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-7.467	-0.0089	-2.5 to 2.5	Pass
					3.85	-3.104	-0.0037	-2.5 to 2.5	Pass
					4.43	2.360	0.0028	-2.5 to 2.5	Pass
				-30	3.85	-1.702	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.891	-0.0047	-2.5 to 2.5	Pass

				0	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-3.204	-0.0038	-2.5 to 2.5	Pass
					3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
				0	3.85	2.289	0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
				30	3.85	1.245	0.0015	-2.5 to 2.5	Pass
				40	3.85	2.947	0.0035	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0013	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	2.089	0.0025	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0042	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	0.744	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-4.191	-0.0050	-2.5 to 2.5	Pass
					3.85	0.901	0.0011	-2.5 to 2.5	Pass
					4.43	4.249	0.0051	-2.5 to 2.5	Pass
				-30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	3.705	0.0044	-2.5 to 2.5	Pass
				0	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	3.85	1.631	0.0019	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.766	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-4.935	-0.0058	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0033	-2.5 to 2.5	Pass
					4.43	-4.249	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	3.290	0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.851	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	1.760	0.0021	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-10.257	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0028	-2.5 to 2.5	Pass
				40	3.85	2.575	0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.073	-0.0013	-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	-8.740	-0.0106	-2.5 to 2.5	Pass
					3.85	0.987	0.0012	-2.5 to 2.5	Pass

					4.43	1.273	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	2.947	0.0036	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0055	-2.5 to 2.5	Pass
				10	3.85	4.621	0.0056	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-5.379	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-4.034	-0.0049	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.861	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	3.905	0.0047	-2.5 to 2.5	Pass
				-20	3.85	-9.212	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0017	-2.5 to 2.5	Pass
				0	3.85	3.190	0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0085	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-9.527	-0.0114	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.389	-0.0028	-2.5 to 2.5	Pass
					3.85	1.001	0.0012	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.648	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				30	3.85	3.748	0.0044	-2.5 to 2.5	Pass
				40	3.85	-4.692	-0.0055	-2.5 to 2.5	Pass
				50	3.85	3.877	0.0046	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-3.805	-0.0046	-2.5 to 2.5	Pass
					3.85	0.901	0.0011	-2.5 to 2.5	Pass
					4.43	0.458	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
				0	3.85	3.176	0.0038	-2.5 to 2.5	Pass
				10	3.85	4.206	0.0051	-2.5 to 2.5	Pass
	836.5	15	0	30	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-3.362	-0.0041	-2.5 to 2.5	Pass
				20	3.27	-2.675	-0.0032	-2.5 to 2.5	Pass
					3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
					4.43	-0.472	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0035	-2.5 to 2.5	Pass
	847.5	15	0	0	3.85	-5.379	-0.0064	-2.5 to 2.5	Pass
				10	3.85	5.307	0.0063	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0040	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0043	-2.5 to 2.5	Pass
				20	3.27	-1.917	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-6.952	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0082	-2.5 to 2.5	Pass

				0	3.85	-2.089	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.732	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.920	-0.0046	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-1.960	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0055	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-2.389	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.262	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-6.967	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-6.123	-0.0073	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.031	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	1.144	0.0014	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
					4.43	2.604	0.0031	-2.5 to 2.5	Pass
				-30	3.85	1.245	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0054	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.802	-0.0021	-2.5 to 2.5	Pass
				40	3.85	2.160	0.0026	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	1.302	0.0016	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0053	-2.5 to 2.5	Pass
					4.43	-7.796	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-5.236	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.648	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.191	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-1.974	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0050	-2.5 to 2.5	Pass

					4.43	-0.343	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-3.777	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-5.708	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-10.729	-0.0128	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.761	-0.0033	-2.5 to 2.5	Pass
					3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
					4.43	0.730	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.704	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	1.302	0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.862	-0.0046	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-3.290	-0.0039	-2.5 to 2.5	Pass
				50	3.85	3.061	0.0036	-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	-1.431	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-3.977	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	1.059	0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.931	0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
	836.5	50	0	50	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				20	3.27	-2.604	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	1.988	0.0024	-2.5 to 2.5	Pass
				-20	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-4.878	-0.0058	-2.5 to 2.5	Pass
	844	50	0	40	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-4.907	-0.0059	-2.5 to 2.5	Pass
				20	3.27	-2.618	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0033	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.676	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0037	-2.5 to 2.5	Pass

16QAM	829	50	0	40	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass
				20	3.27	0.272	0.0003	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0050	-2.5 to 2.5	Pass
					4.43	-4.134	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0028	-2.5 to 2.5	Pass
	836.5	50	0	30	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				40	3.85	2.947	0.0036	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-2.961	-0.0035	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
					4.43	0.572	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.191	-0.0050	-2.5 to 2.5	Pass
				0	3.85	0.157	0.0002	-2.5 to 2.5	Pass
	844	50	0	10	3.85	-5.279	-0.0063	-2.5 to 2.5	Pass
				30	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-1.402	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.804	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0023	-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 / NTV						
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

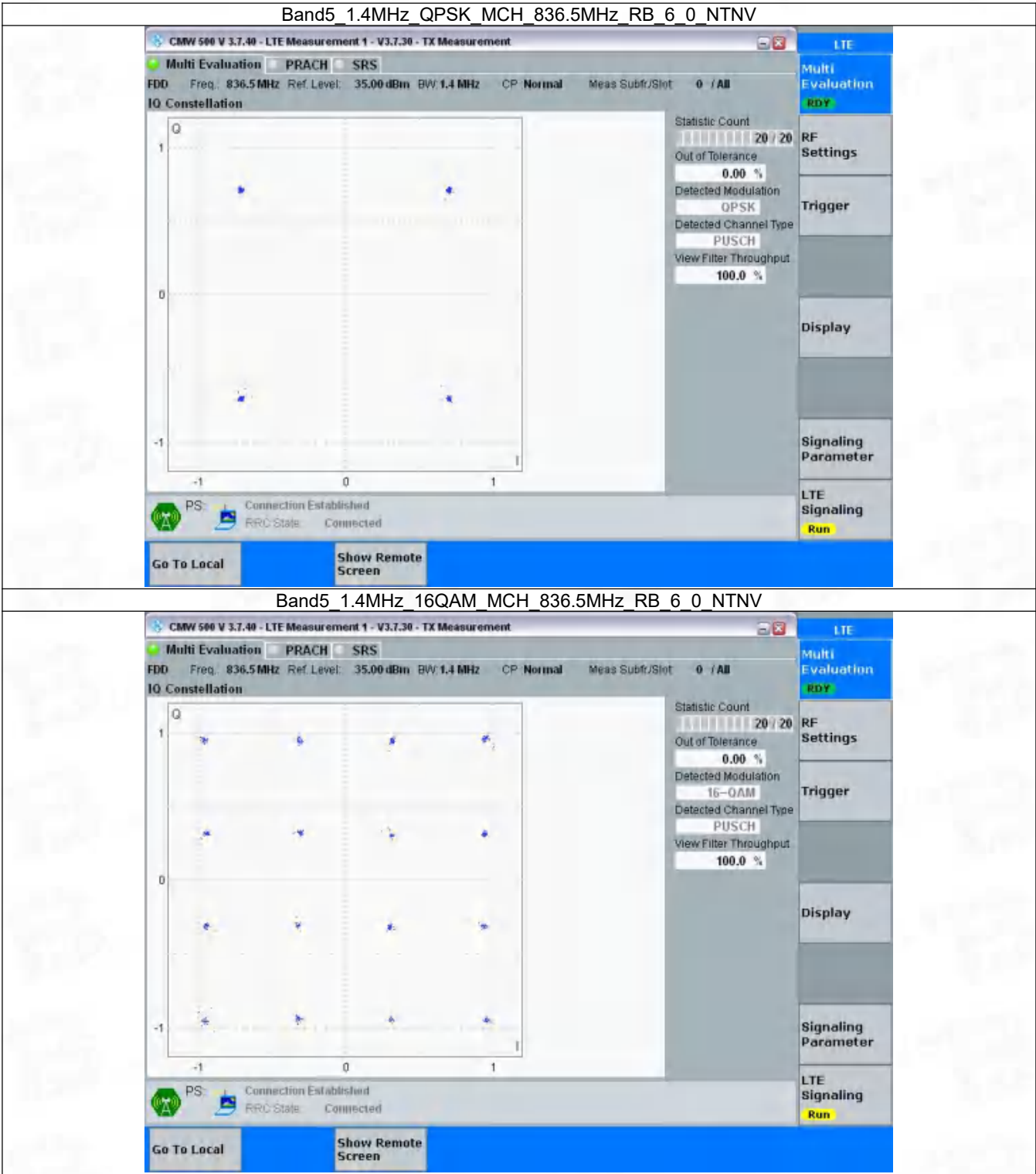
Band: 5 / Bandwidth: 5MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

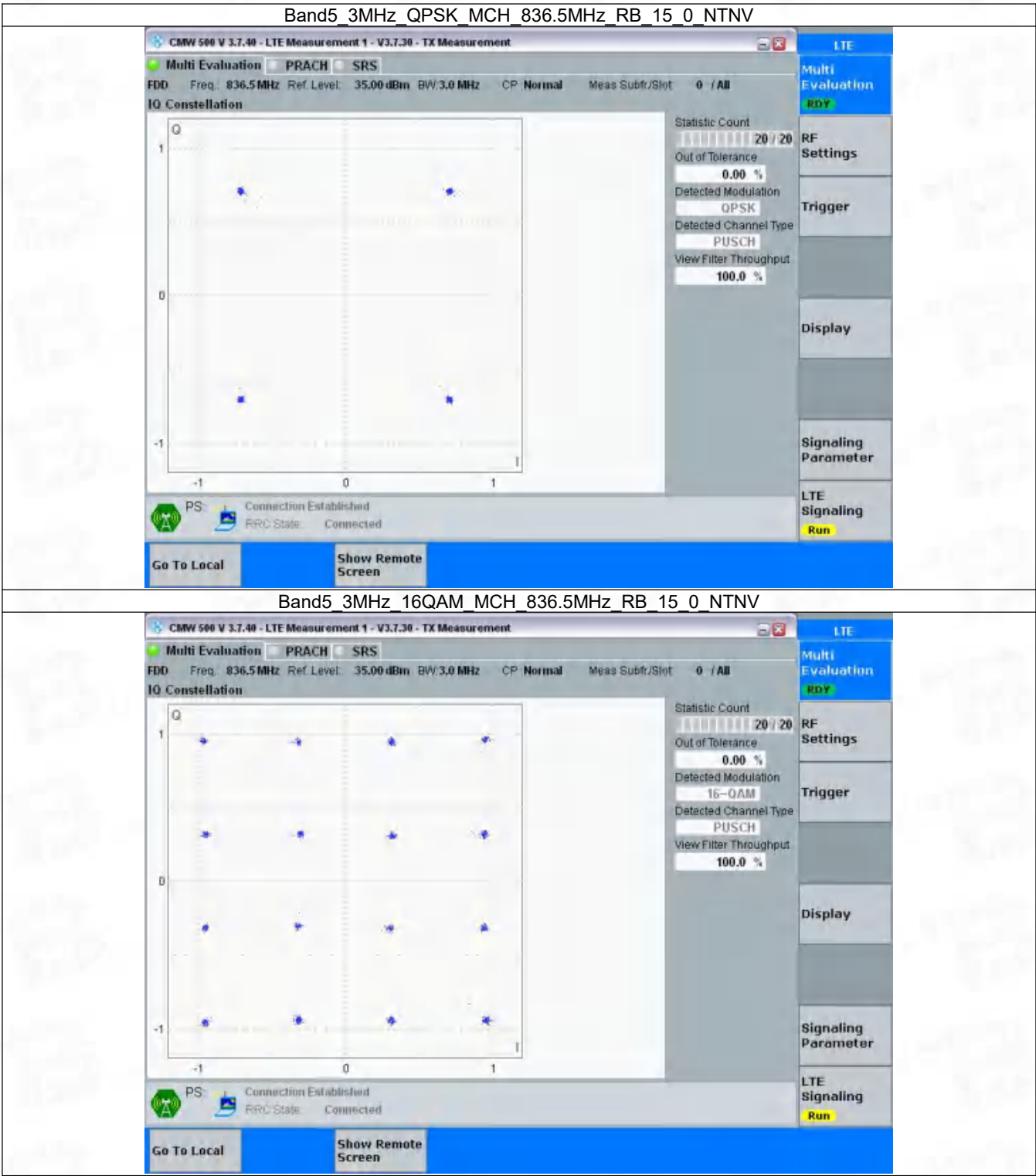
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

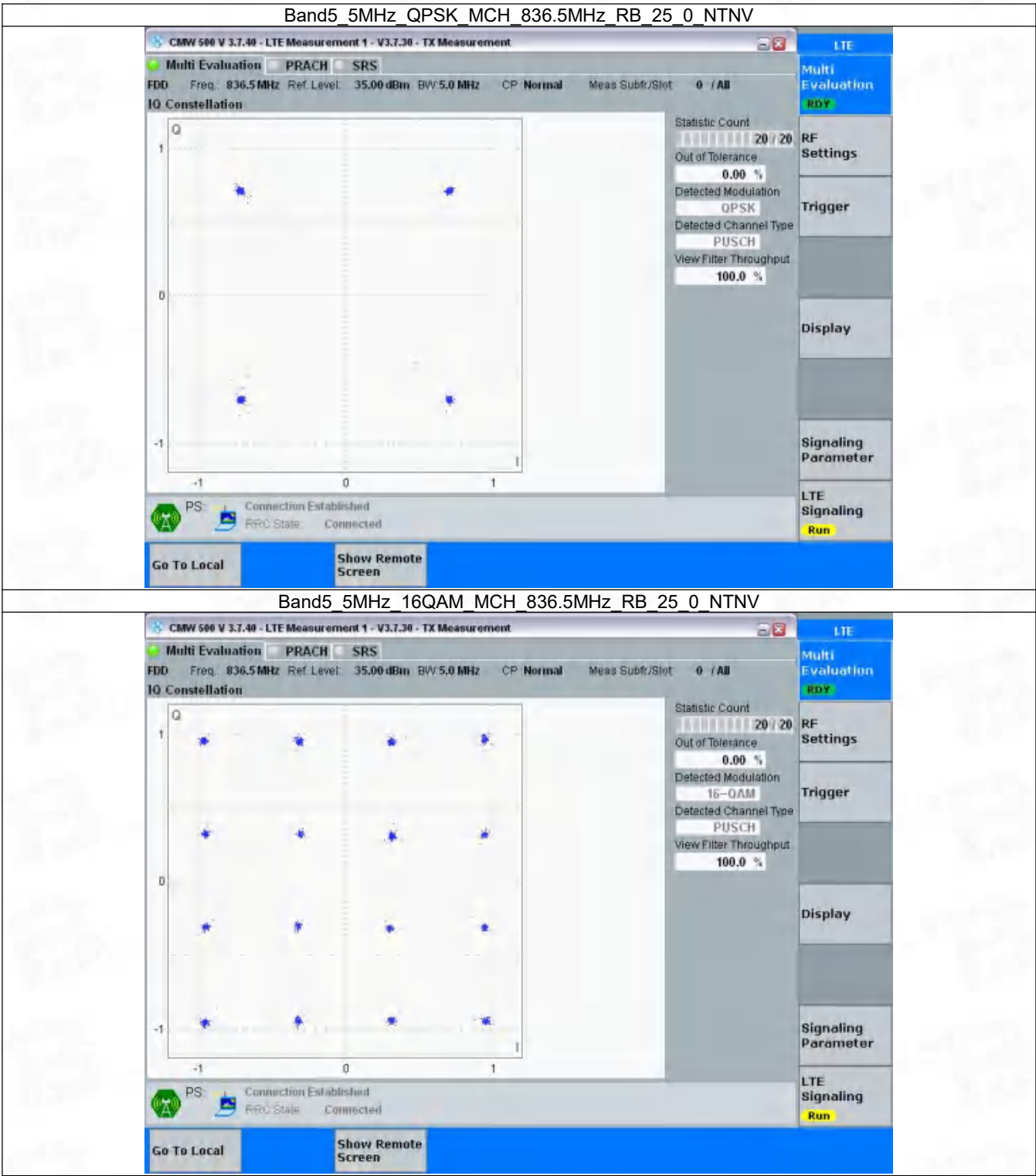
3.2.1 B5_1.4MHz



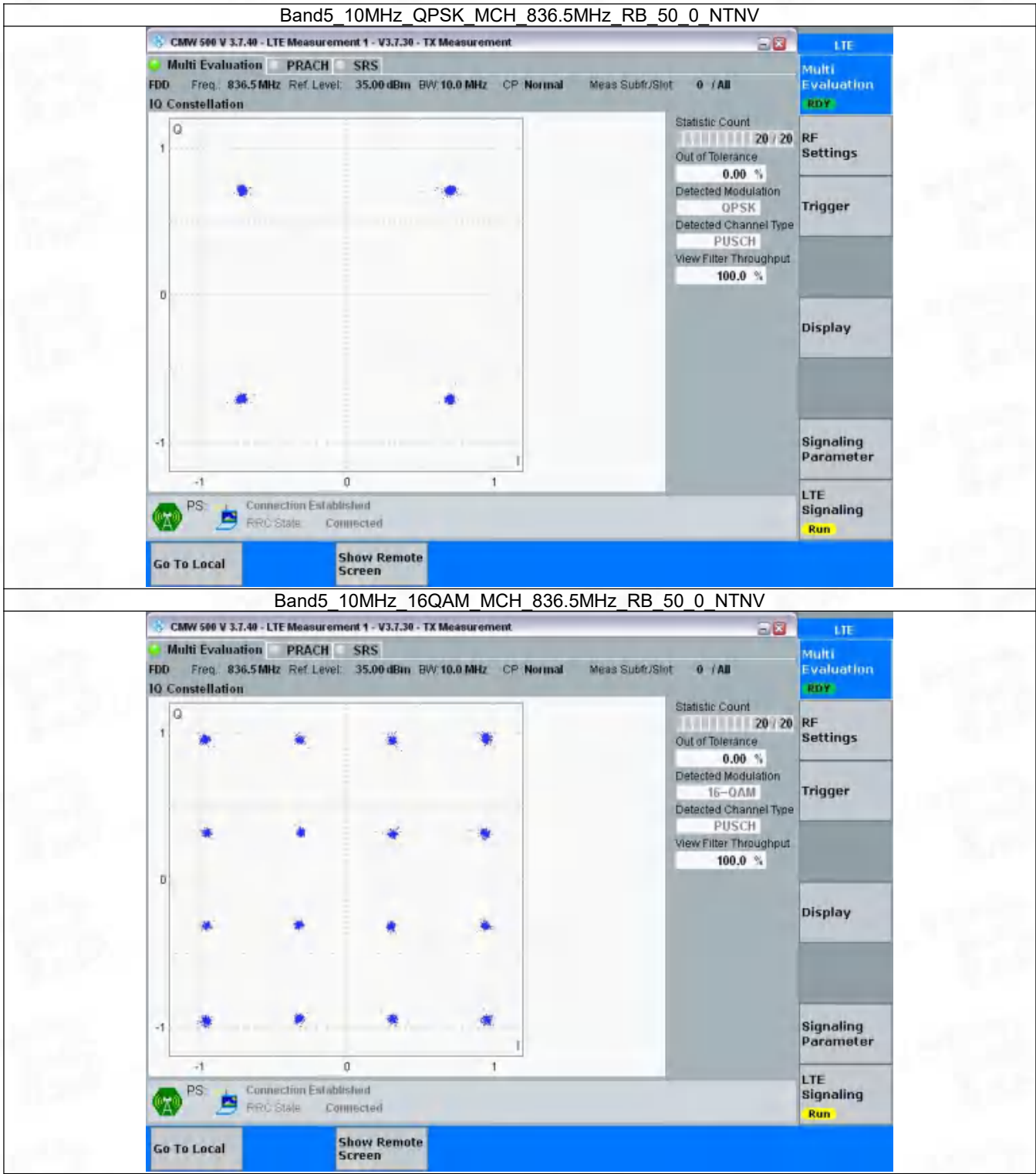
3.2.2 B5_3MHz



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	1.114	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.118	/	Pass
	16QAM	824.7	6	0	1.110	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.115	/	Pass
3	QPSK	825.5	15	0	2.734	/	Pass
		836.5	15	0	2.730	/	Pass
		847.5	15	0	2.735	/	Pass
	16QAM	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.737	/	Pass
		847.5	15	0	2.732	/	Pass
5	QPSK	826.5	25	0	4.542	/	Pass
		836.5	25	0	4.545	/	Pass
		846.5	25	0	4.558	/	Pass
	16QAM	826.5	25	0	4.540	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.536	/	Pass
10	QPSK	829	50	0	9.073	/	Pass
		836.5	50	0	9.027	/	Pass
		844	50	0	9.101	/	Pass
	16QAM	829	50	0	9.060	/	Pass
		836.5	50	0	9.017	/	Pass
		844	50	0	9.070	/	Pass

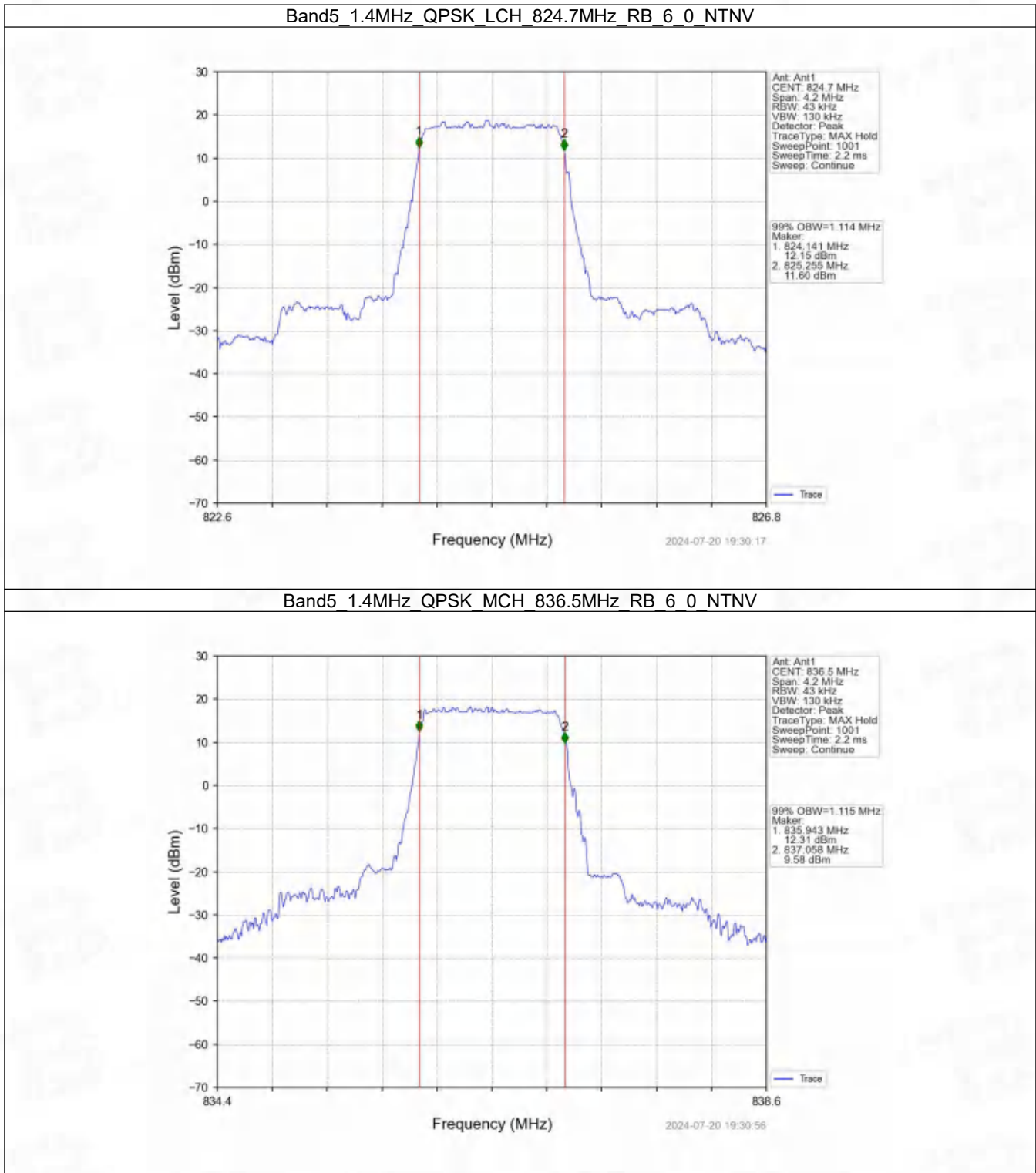
4.1.2 Band5_XDB

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	1.314	/	Pass
		836.5	6	0	1.342	/	Pass
		848.3	6	0	1.308	/	Pass
	16QAM	824.7	6	0	1.320	/	Pass
		836.5	6	0	1.304	/	Pass
		848.3	6	0	1.330	/	Pass
3	QPSK	825.5	15	0	3.040	/	Pass
		836.5	15	0	3.026	/	Pass
		847.5	15	0	3.037	/	Pass
	16QAM	825.5	15	0	3.019	/	Pass
		836.5	15	0	3.027	/	Pass
		847.5	15	0	3.037	/	Pass
5	QPSK	826.5	25	0	5.071	/	Pass
		836.5	25	0	5.068	/	Pass
		846.5	25	0	5.041	/	Pass

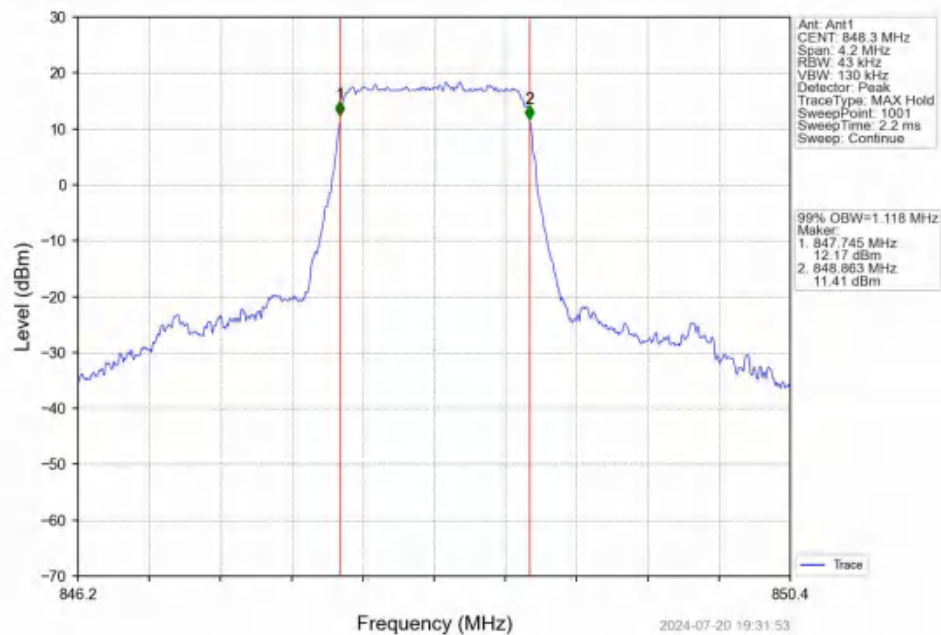
10	16QAM	826.5	25	0	5.082	/	Pass
		836.5	25	0	5.092	/	Pass
		846.5	25	0	5.042	/	Pass
	QPSK	829	50	0	10.029	/	Pass
		836.5	50	0	9.977	/	Pass
		844	50	0	9.996	/	Pass
	16QAM	829	50	0	9.989	/	Pass
		836.5	50	0	9.904	/	Pass
		844	50	0	10.004	/	Pass

4.2 Test Graph

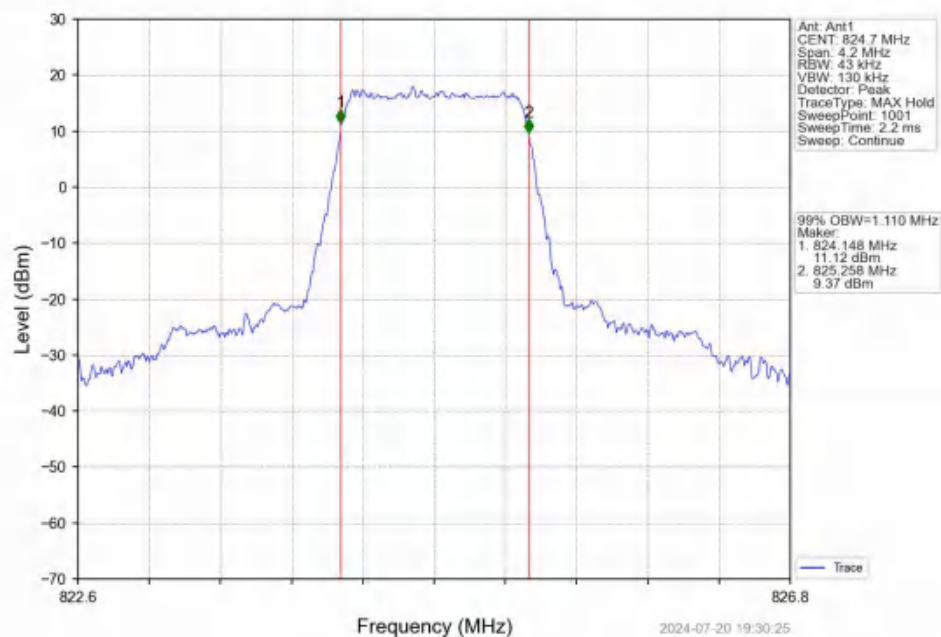
4.2.1 Band5_OBW



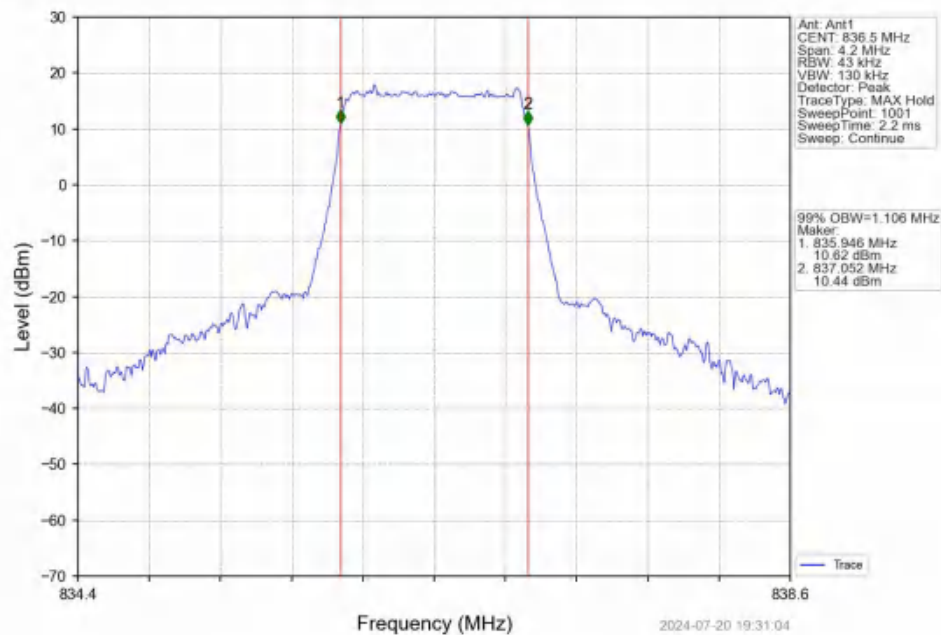
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



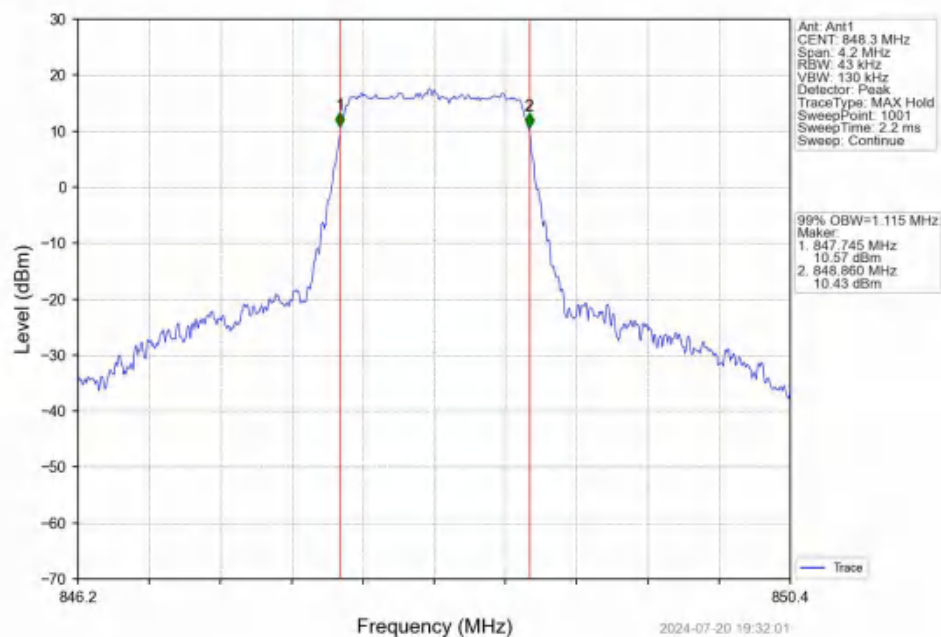
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



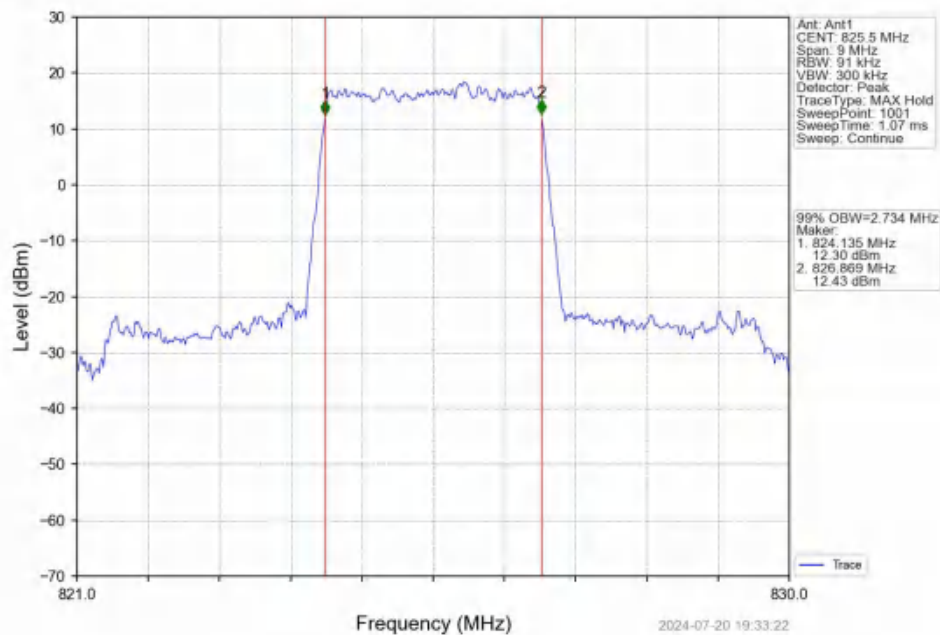
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



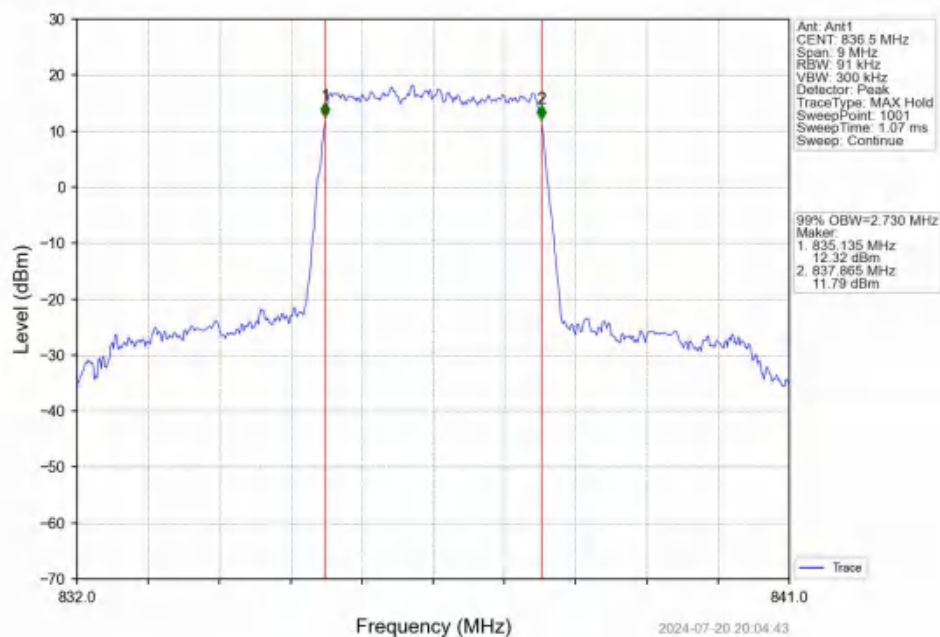
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



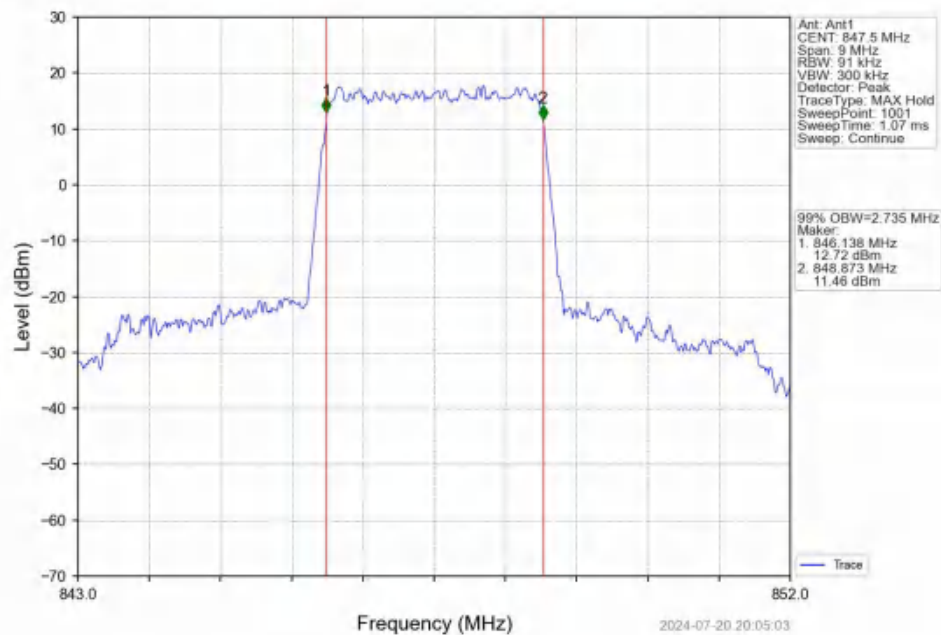
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



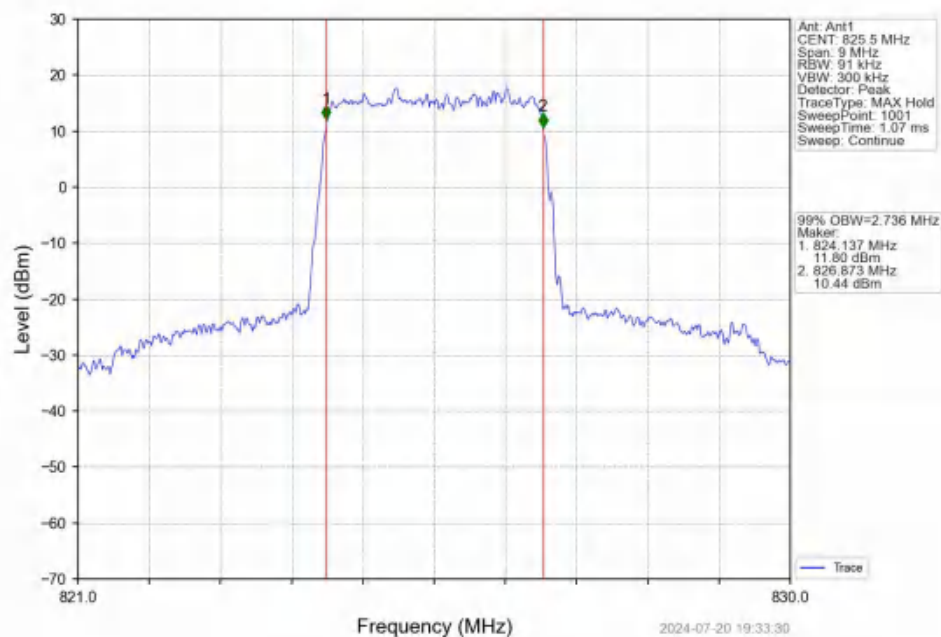
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



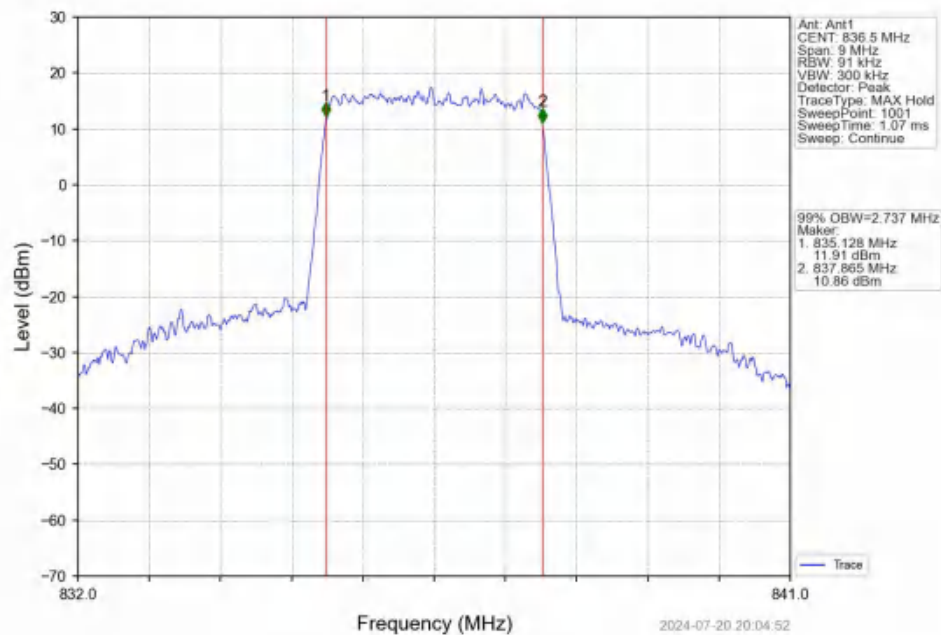
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



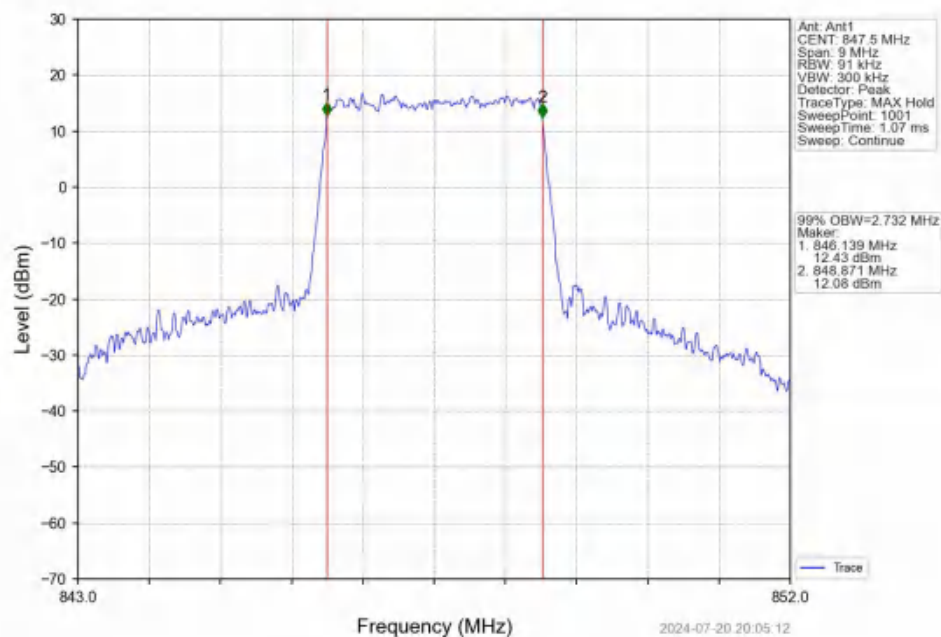
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



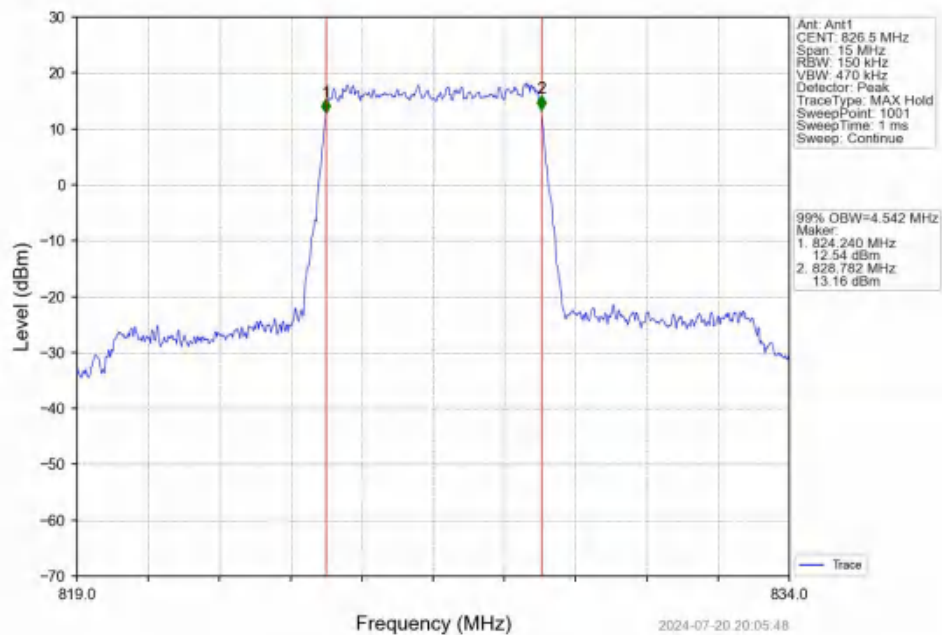
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



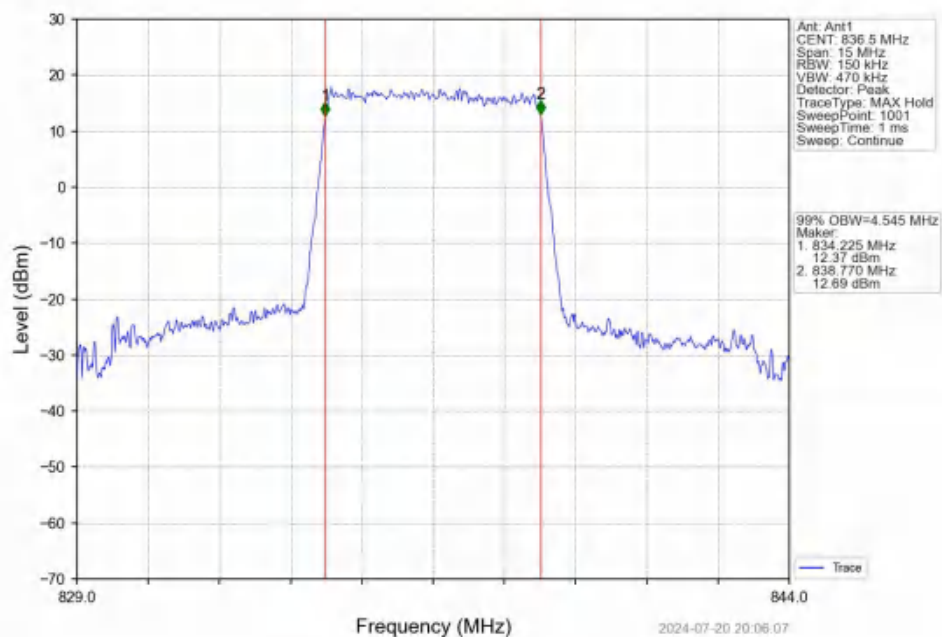
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



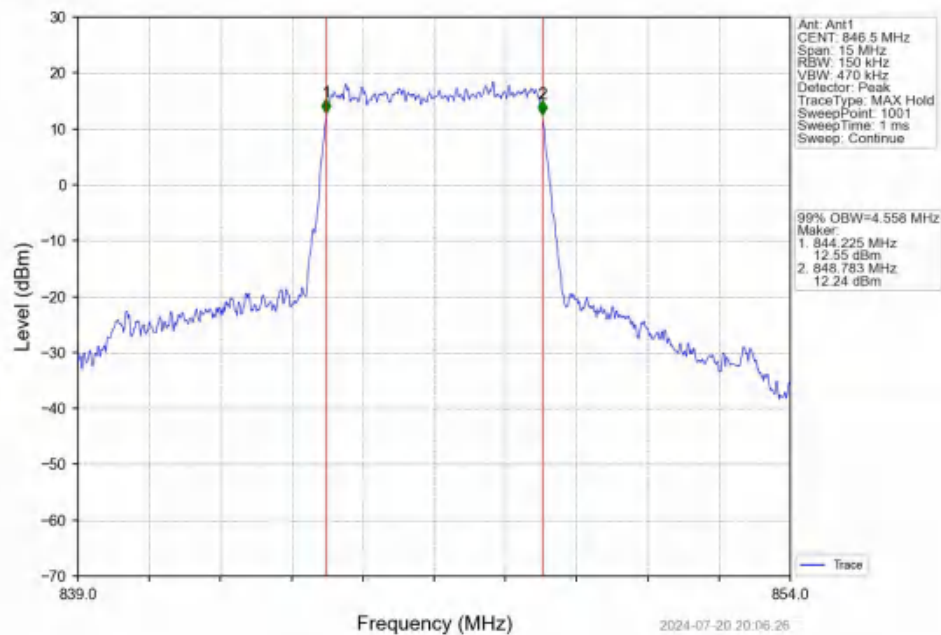
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



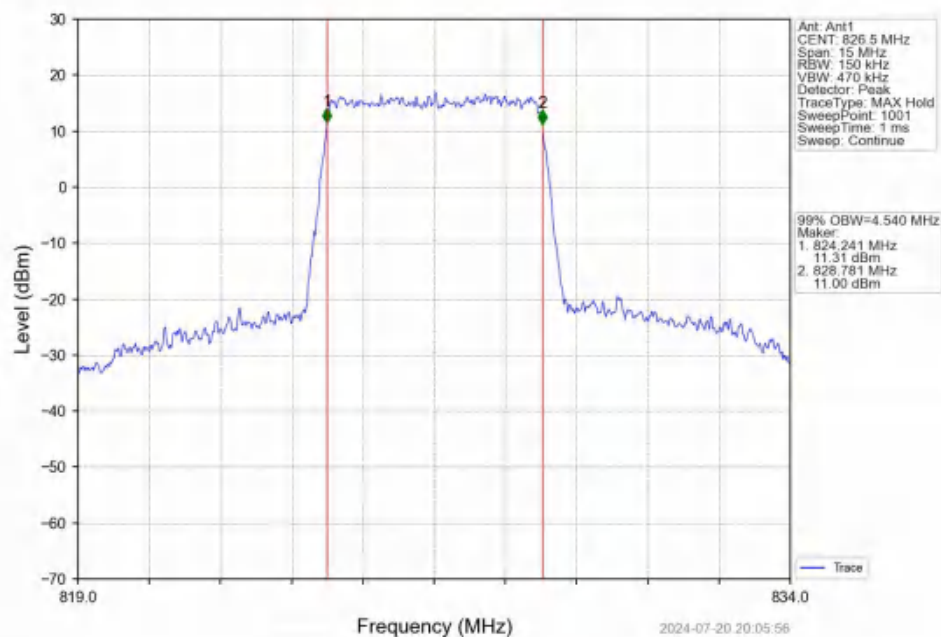
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



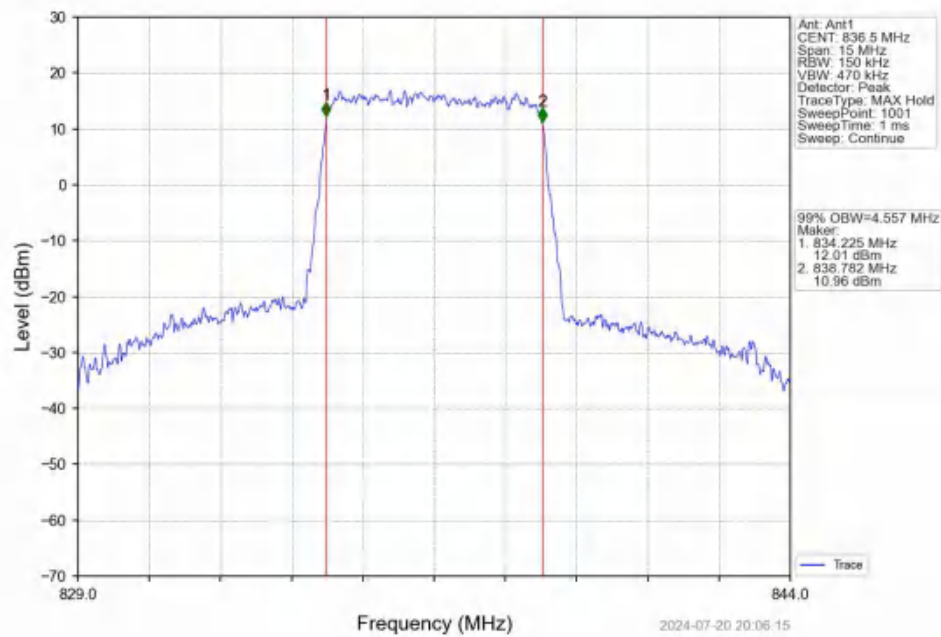
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



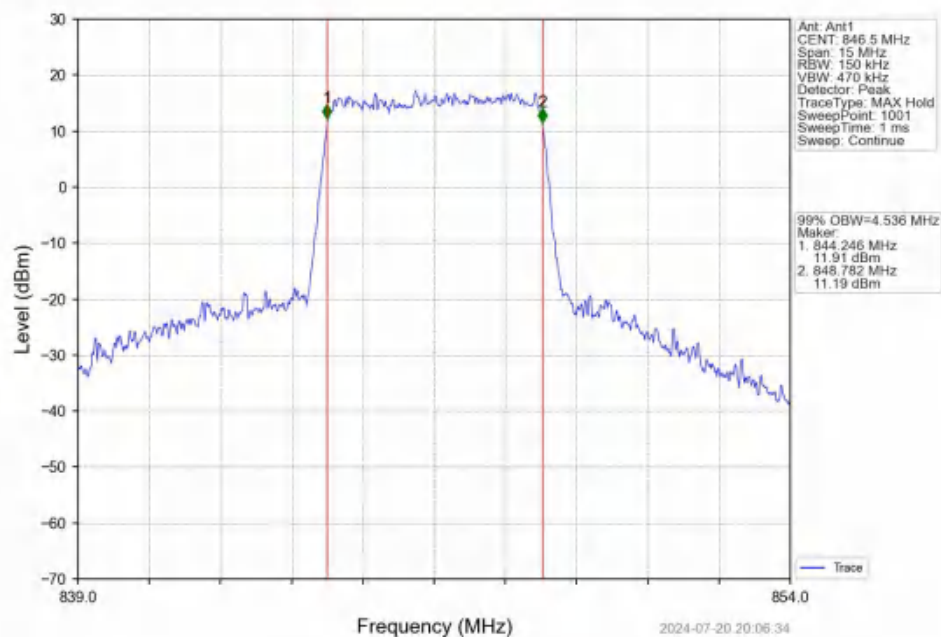
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



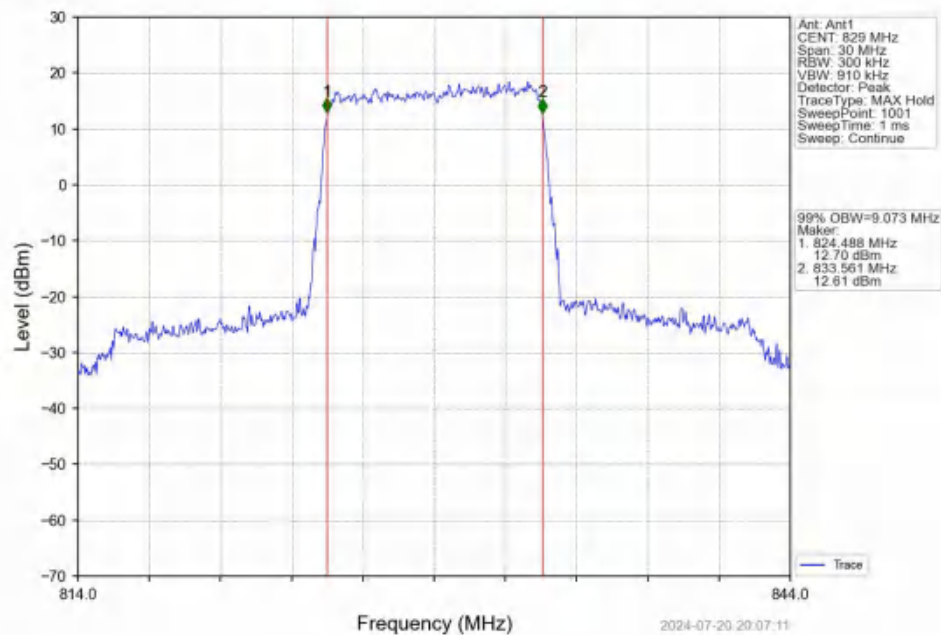
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



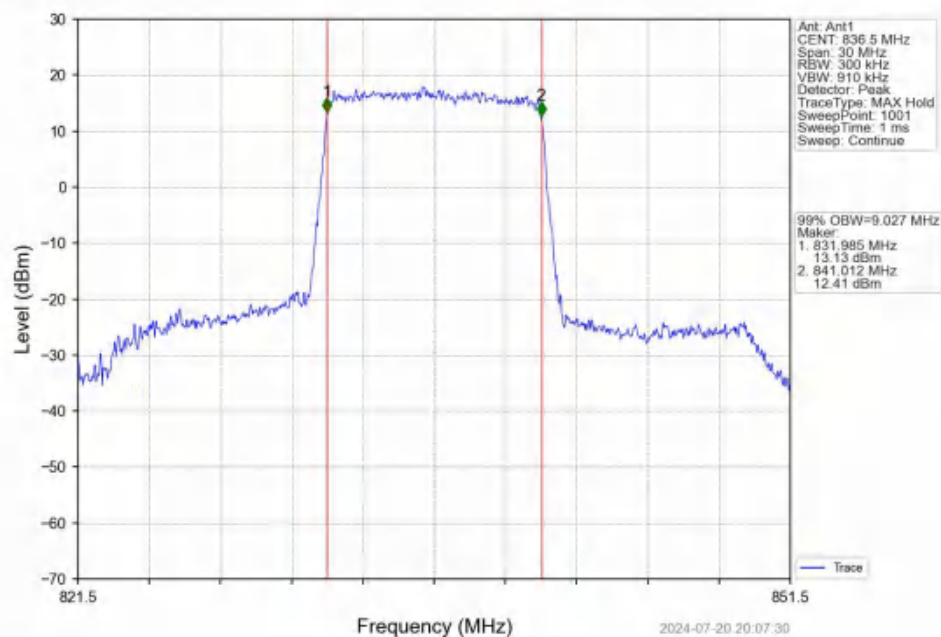
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



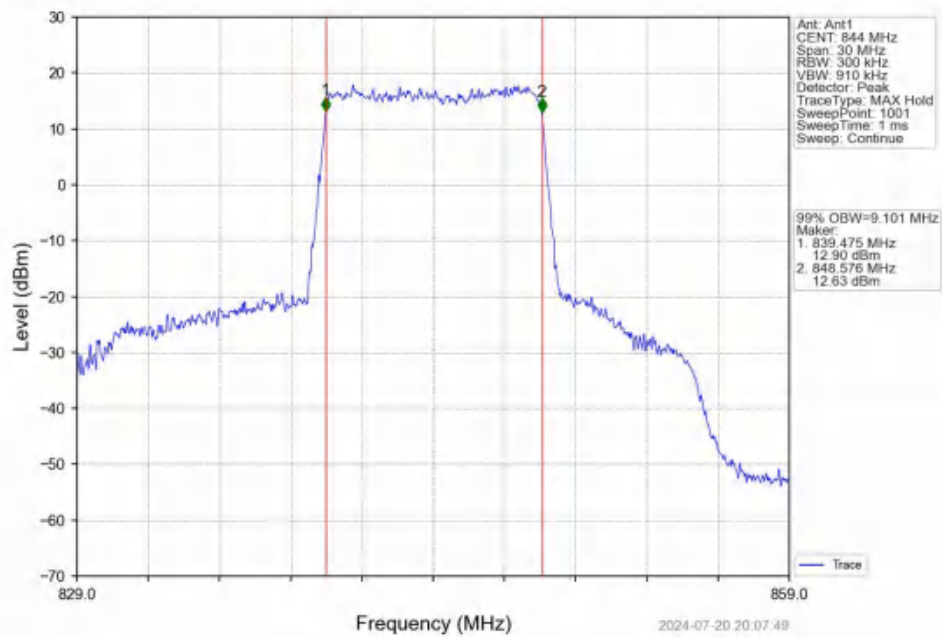
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



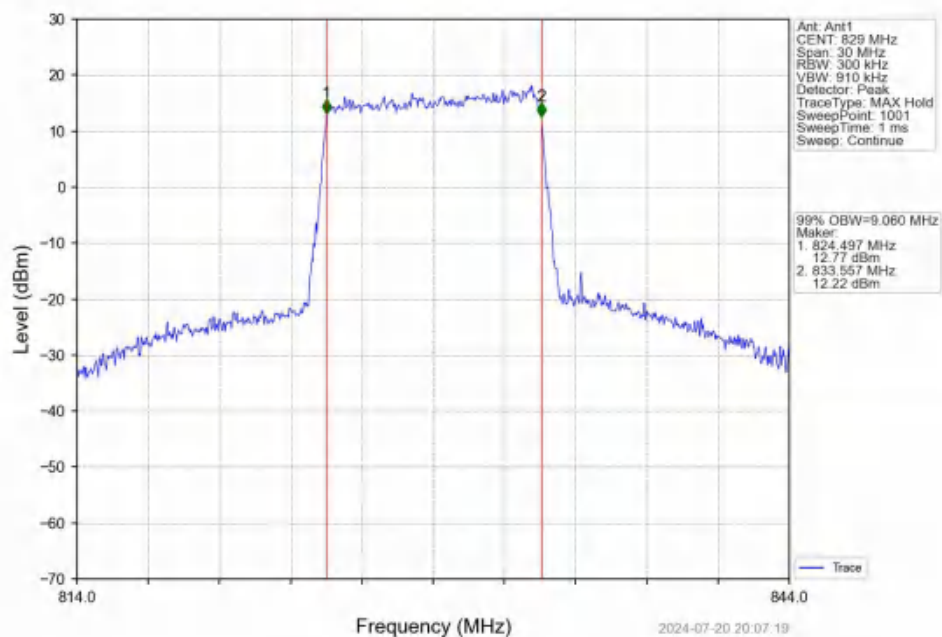
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



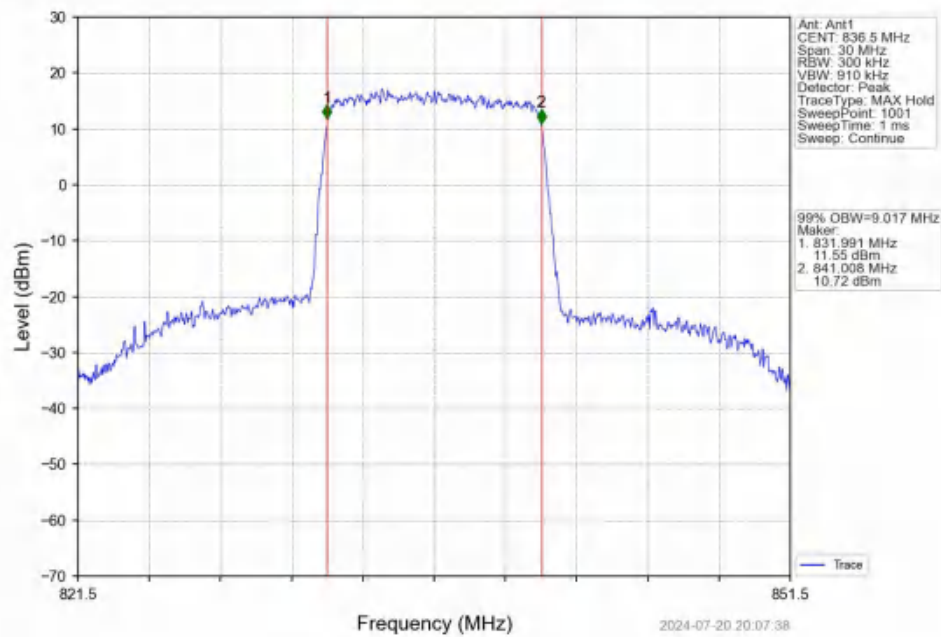
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



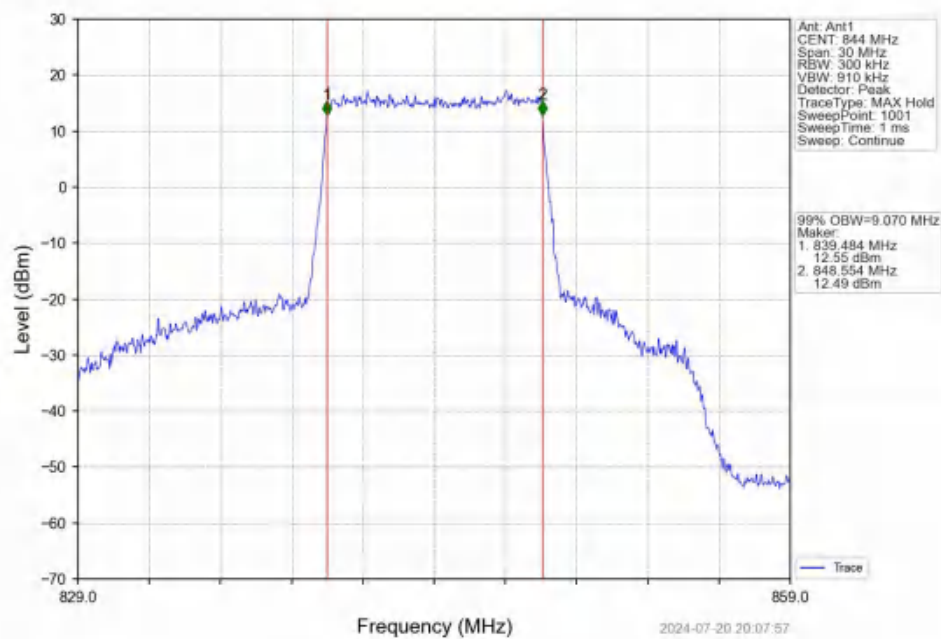
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



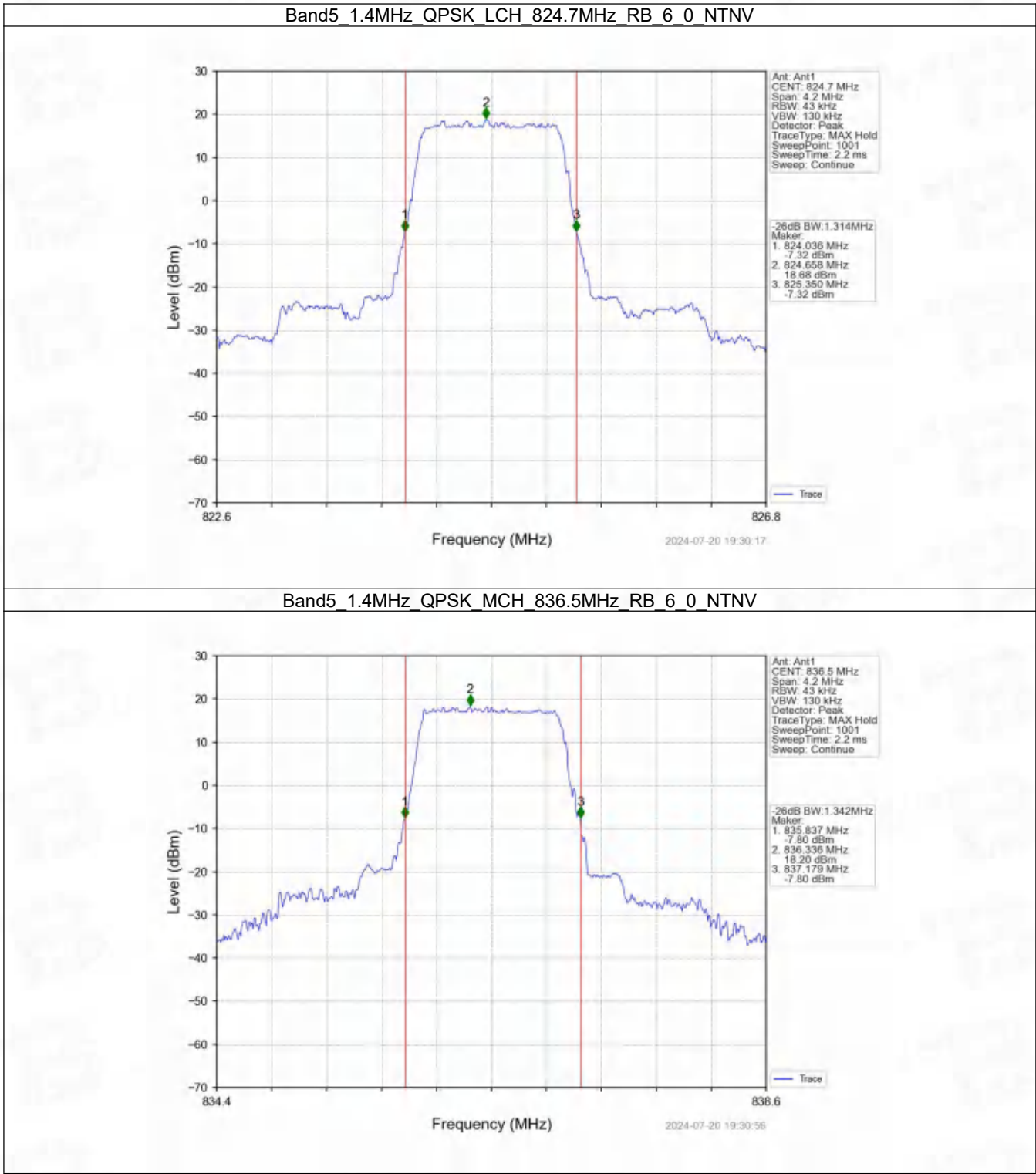
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



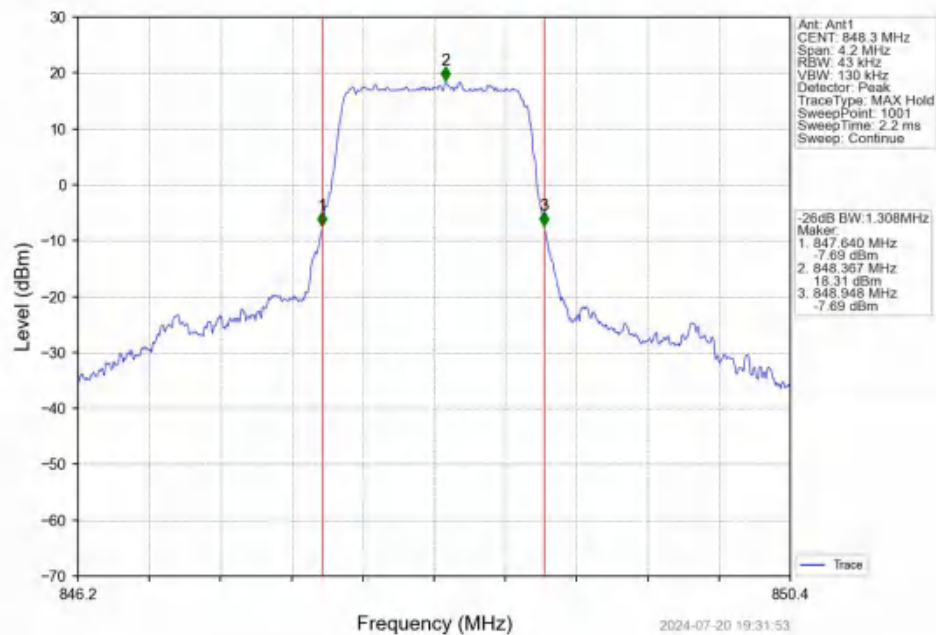
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



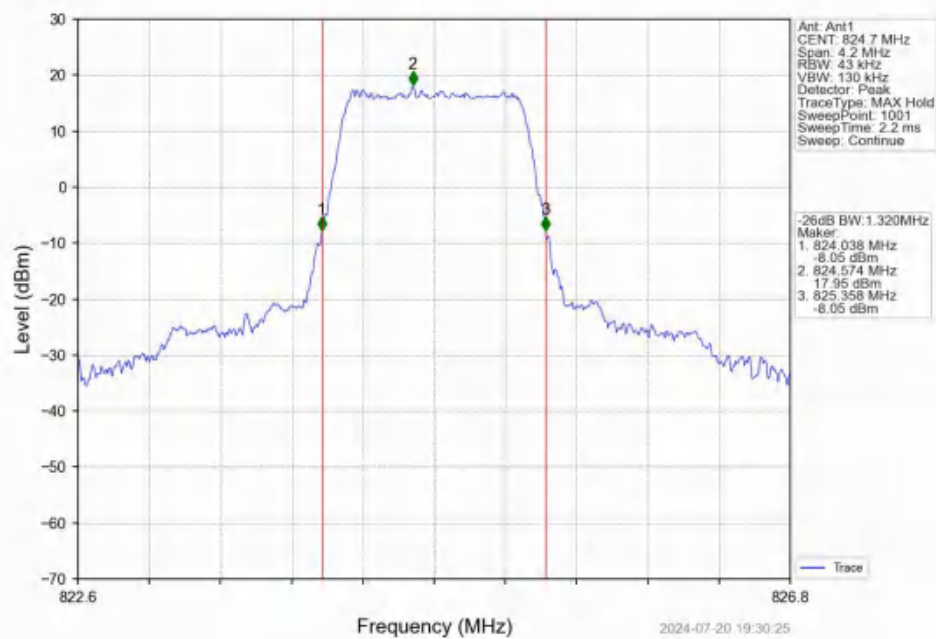
4.2.2 Band5_XDB



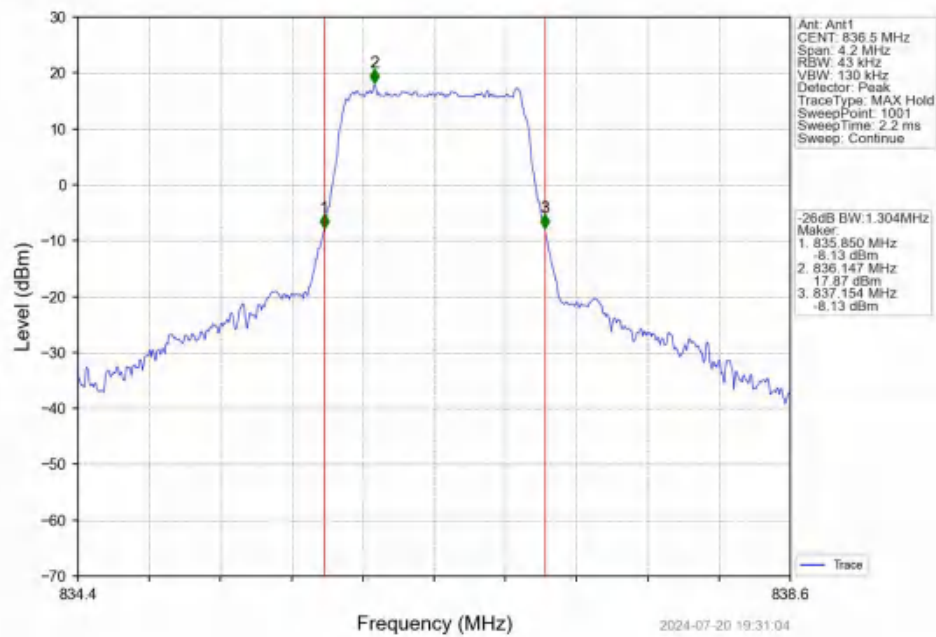
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



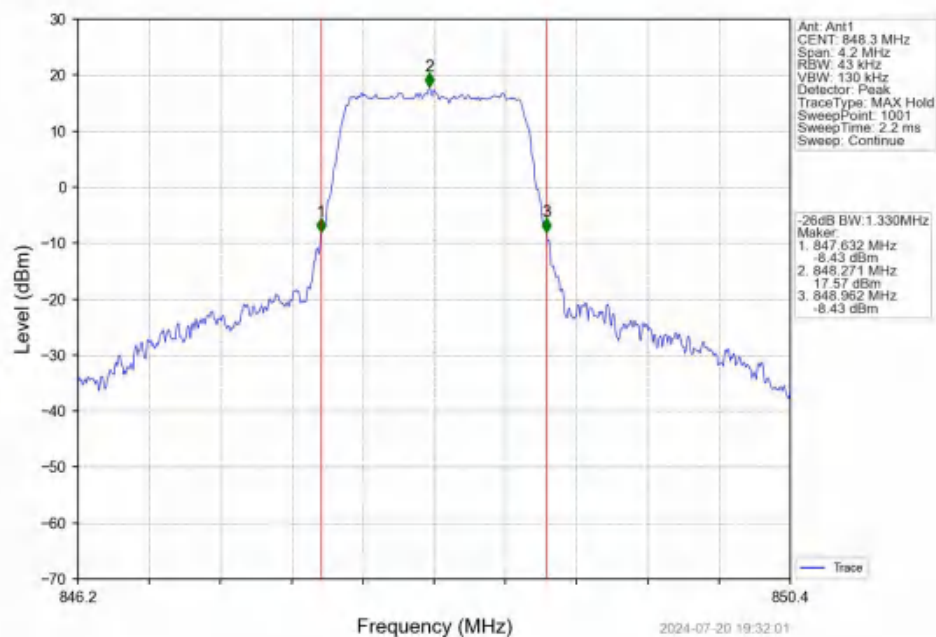
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



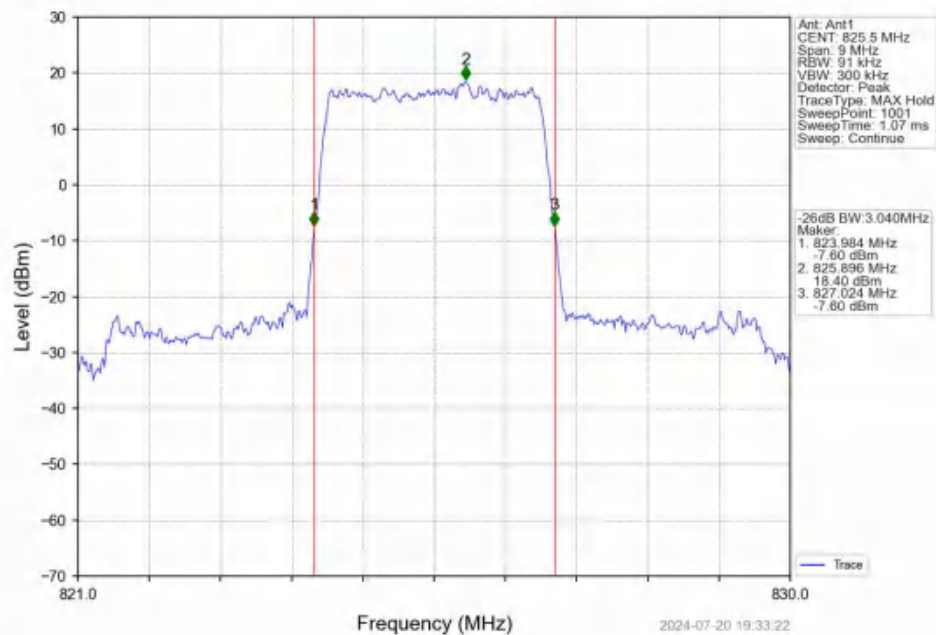
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



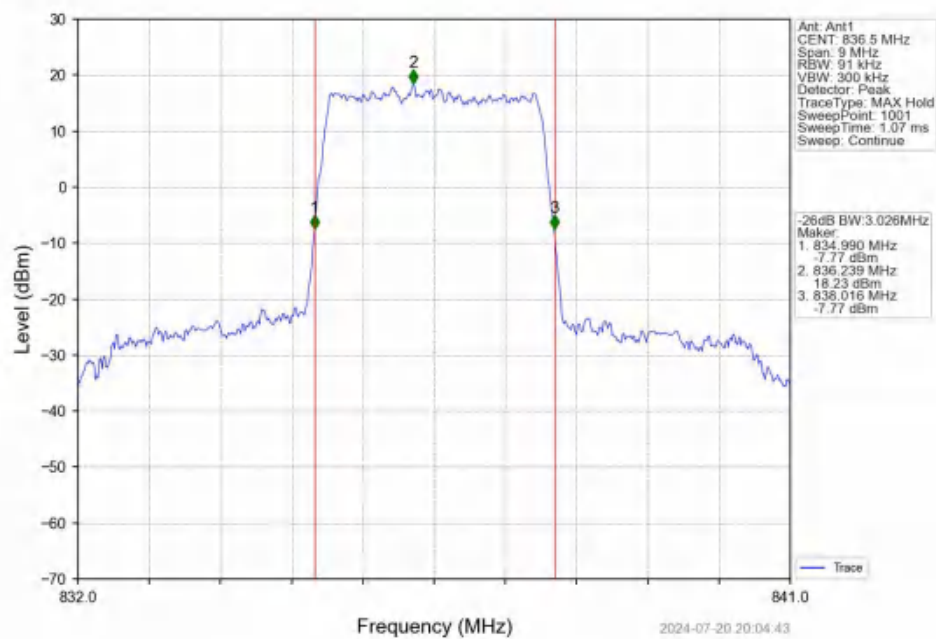
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



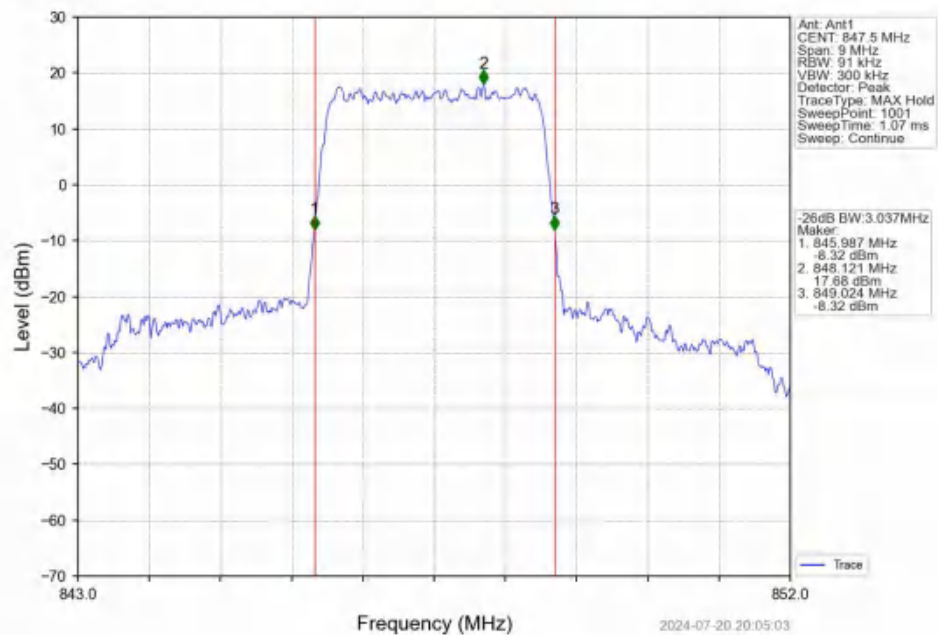
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



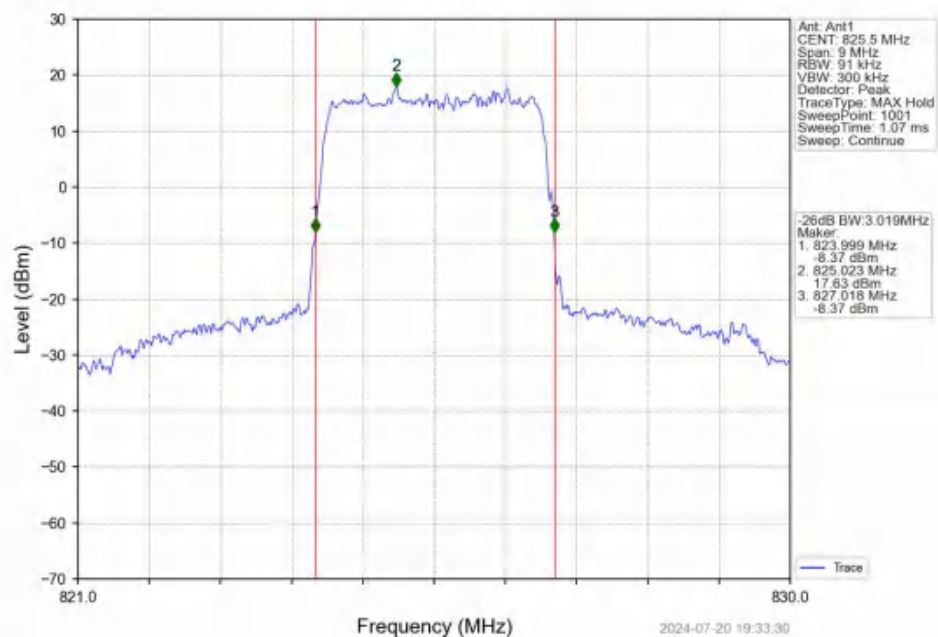
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



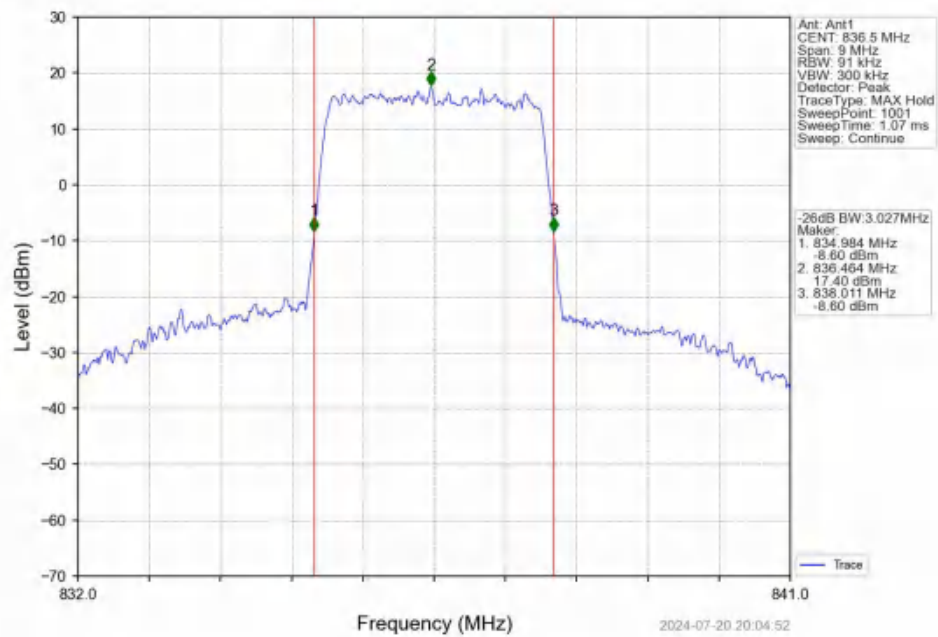
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



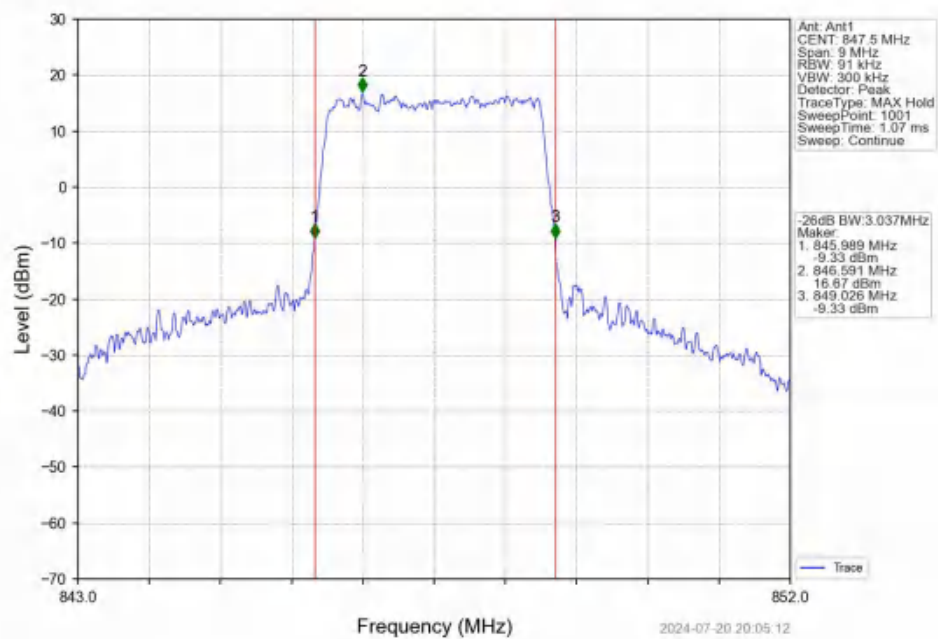
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



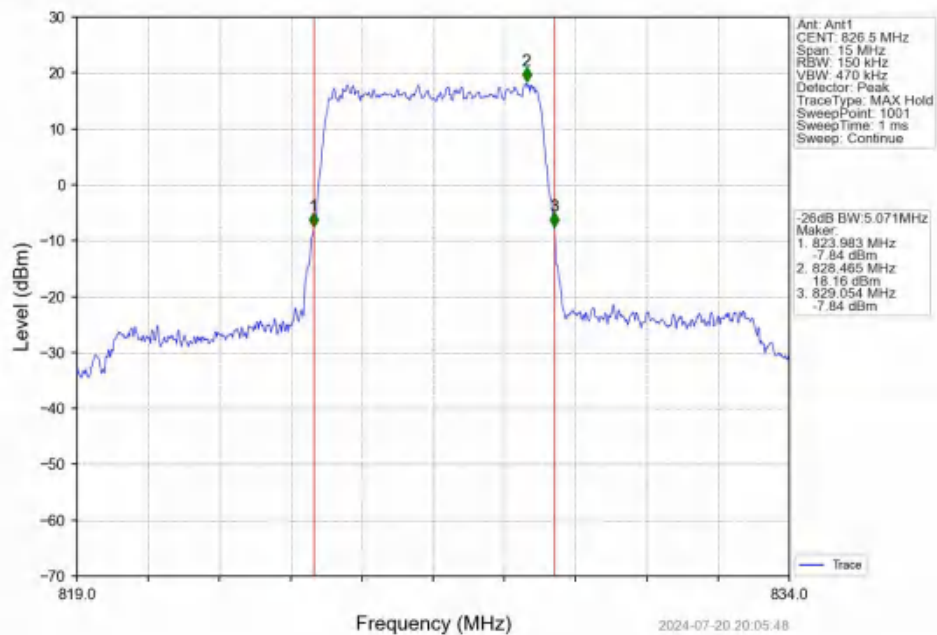
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



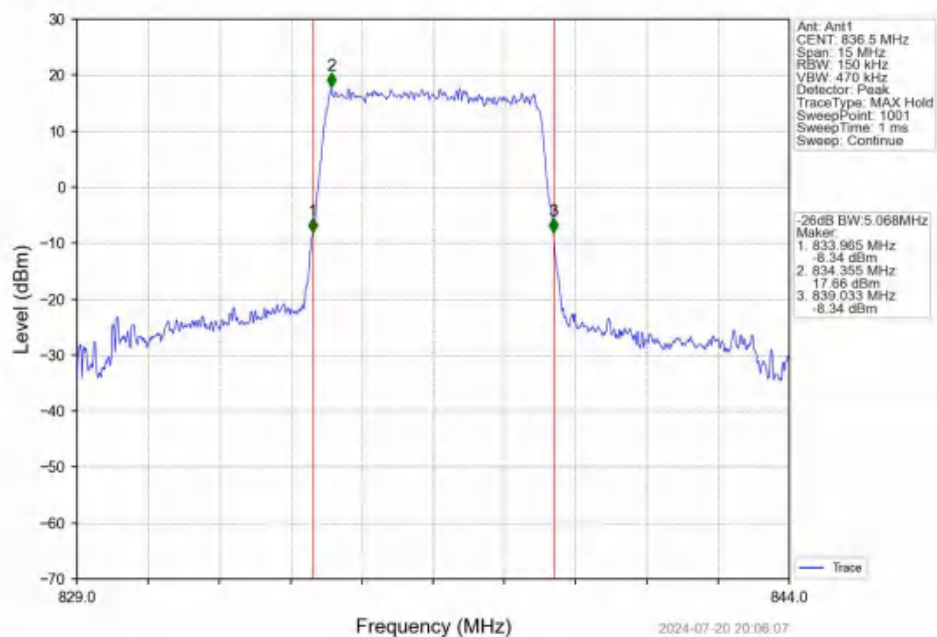
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



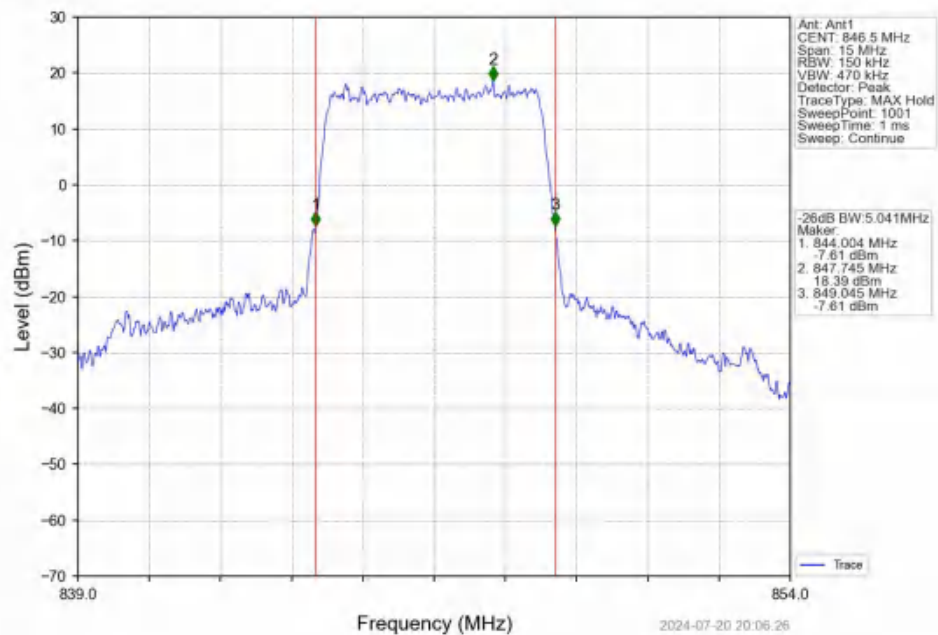
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



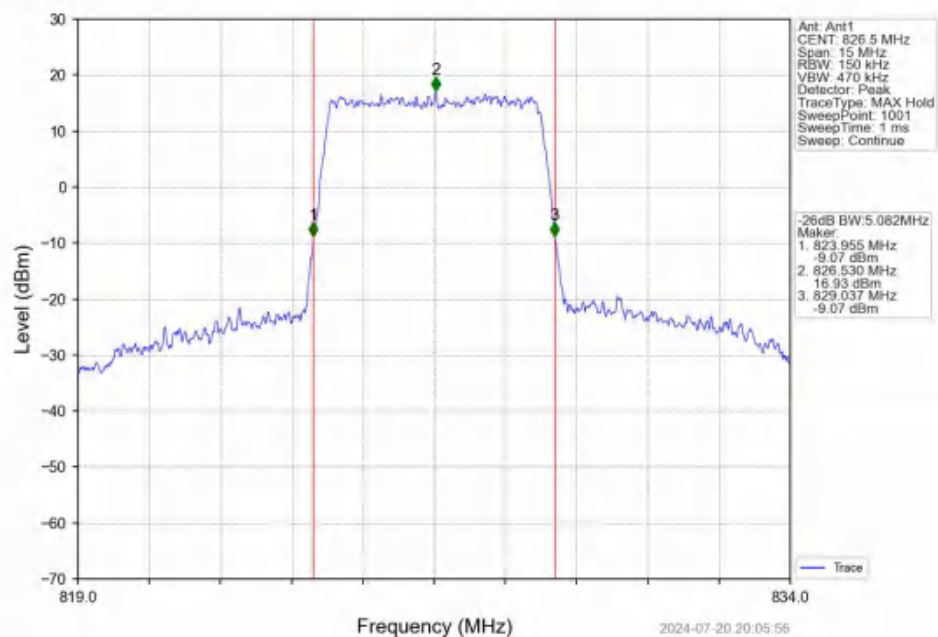
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



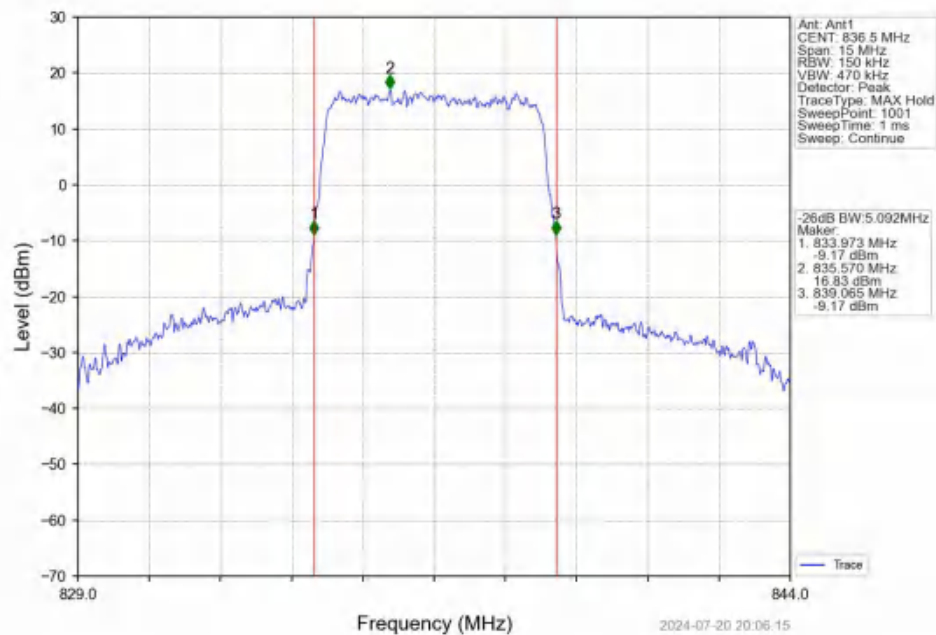
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



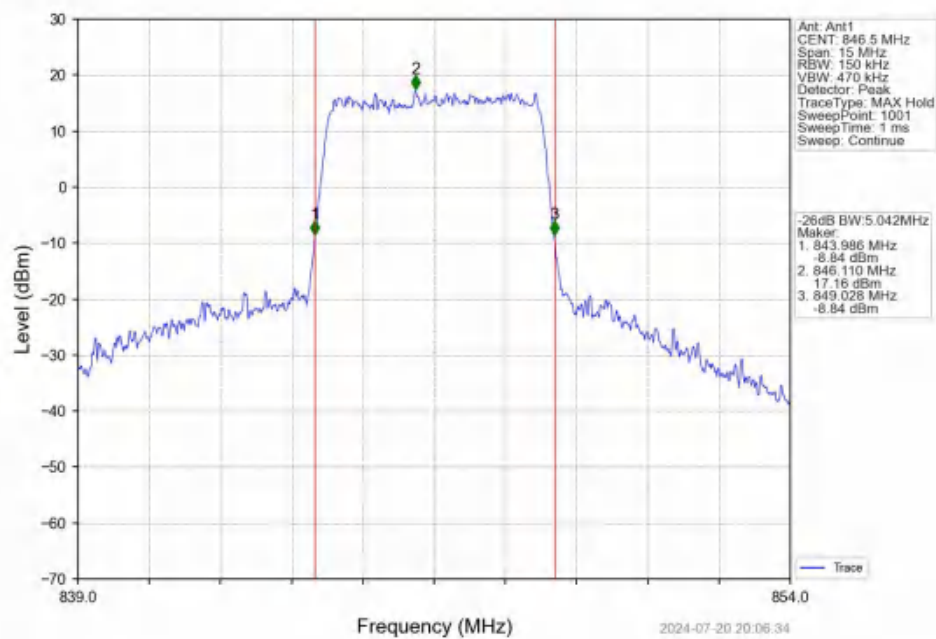
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



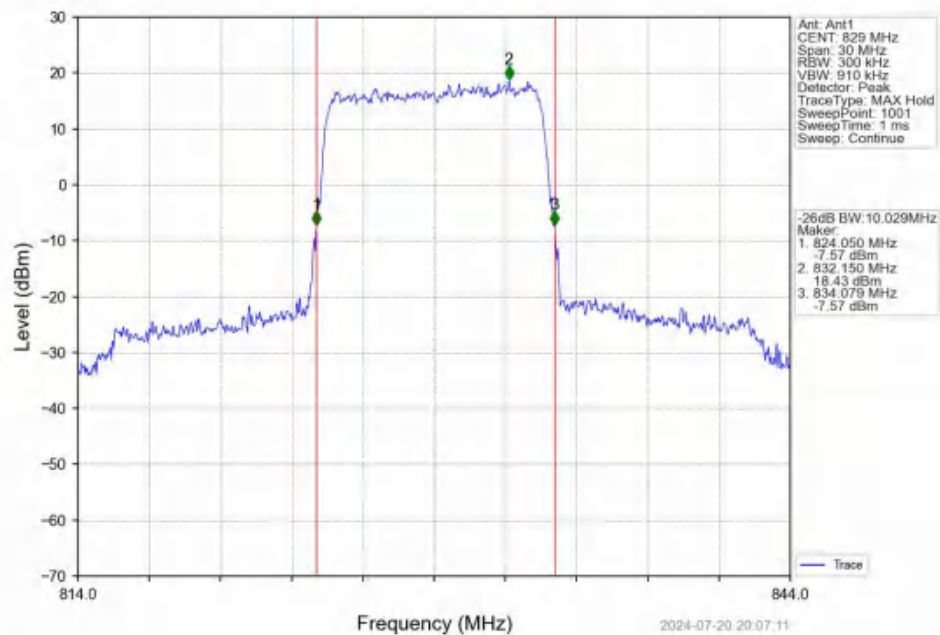
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



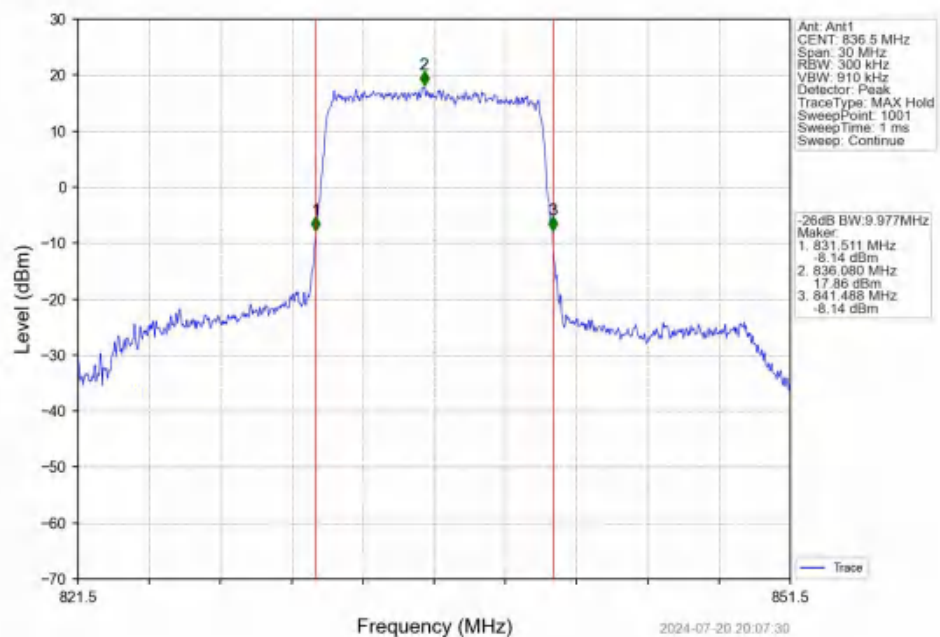
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



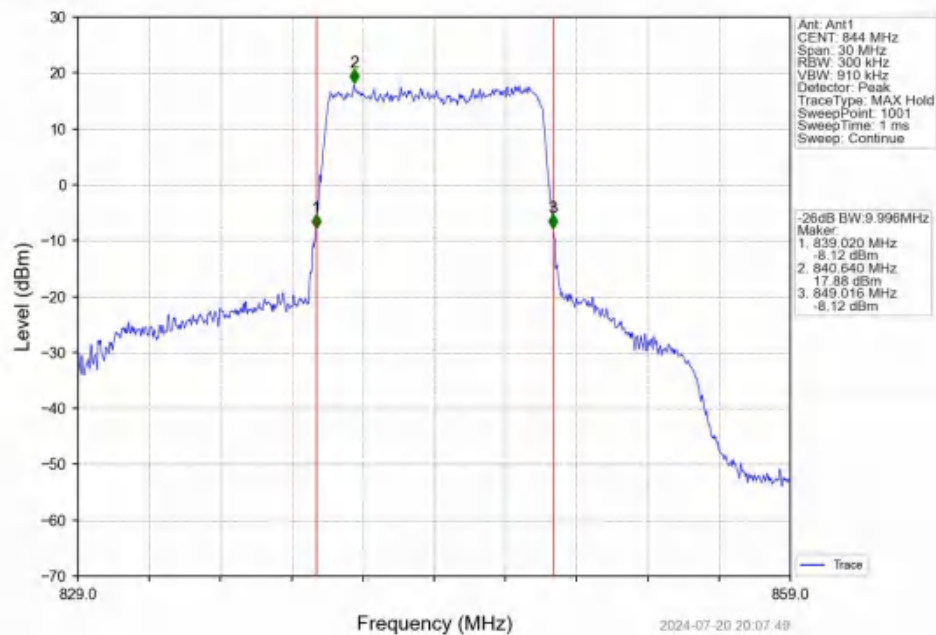
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



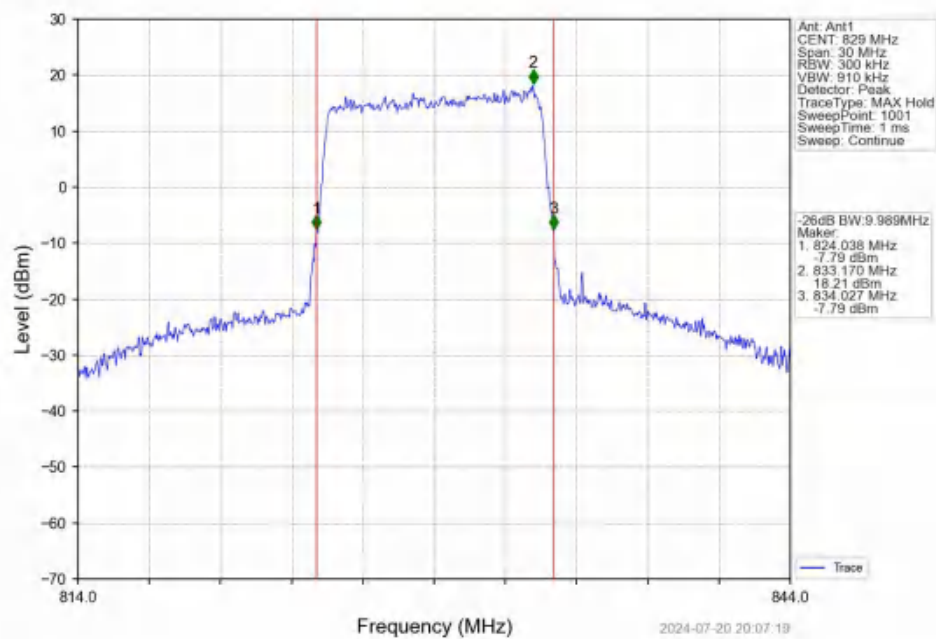
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



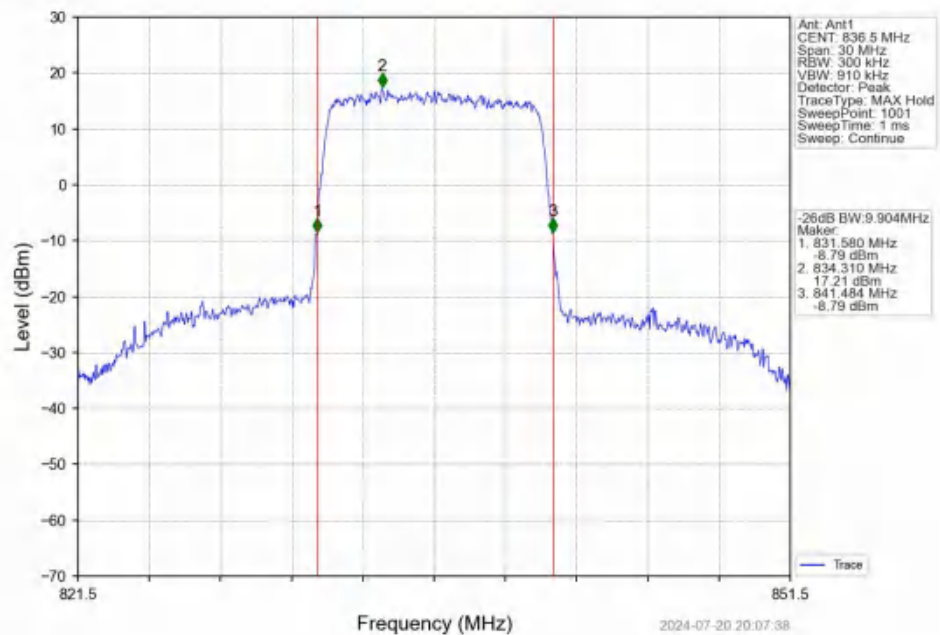
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



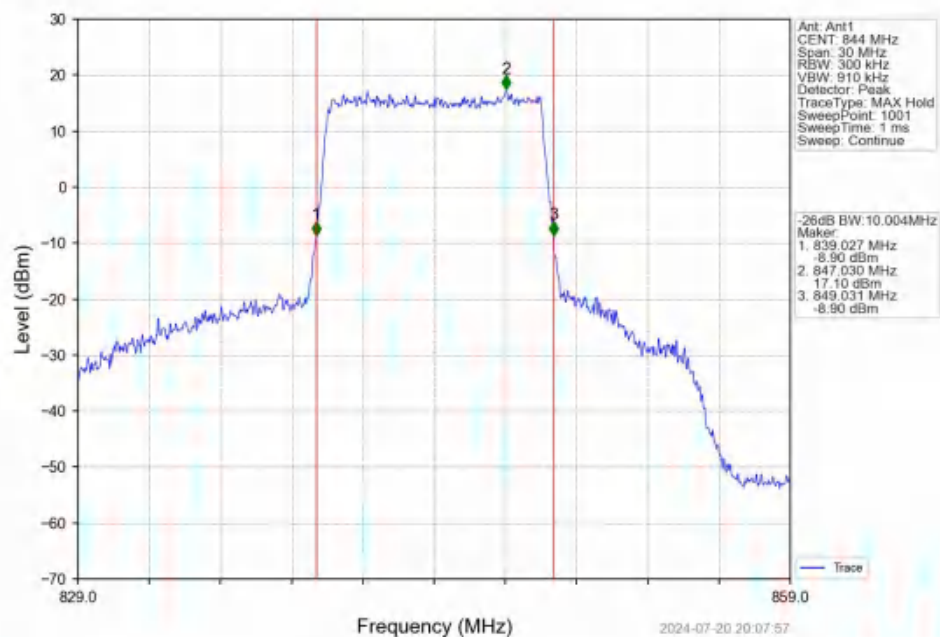
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	6.34	<=13	Pass
	836.5	6	0	6.29	<=13	Pass
	848.3	6	0	6.41	<=13	Pass
16QAM	824.7	6	0	7.28	<=13	Pass
	836.5	6	0	7.15	<=13	Pass
	848.3	6	0	7.07	<=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	6.40	<=13	Pass
	836.5	15	0	6.30	<=13	Pass
	847.5	15	0	6.44	<=13	Pass
16QAM	825.5	15	0	7.21	<=13	Pass
	836.5	15	0	7.13	<=13	Pass
	847.5	15	0	7.18	<=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	6.53	<=13	Pass
	836.5	25	0	6.26	<=13	Pass
	846.5	25	0	6.36	<=13	Pass
16QAM	826.5	25	0	7.09	<=13	Pass
	836.5	25	0	6.97	<=13	Pass
	846.5	25	0	6.97	<=13	Pass

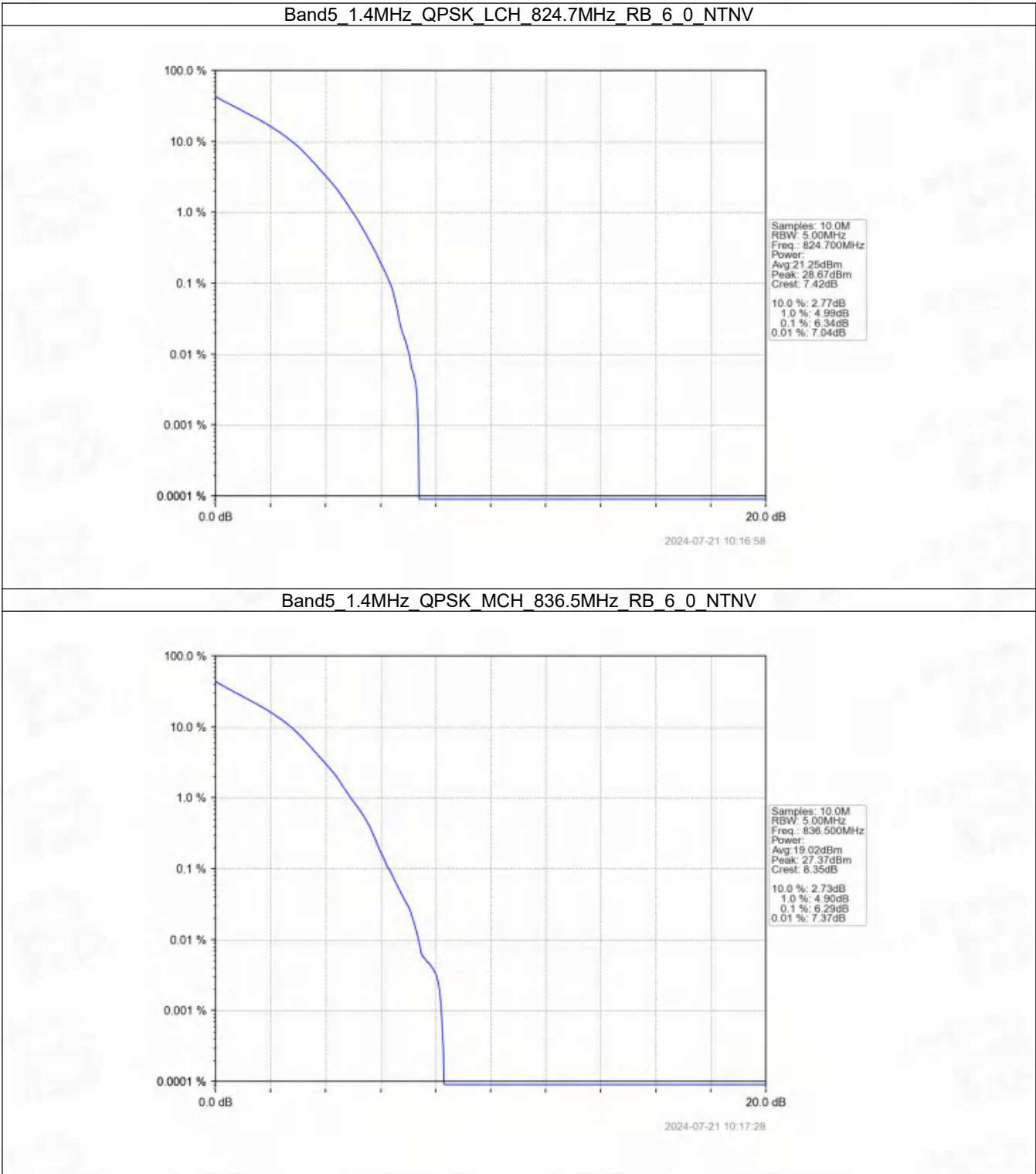
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	6.26	<=13	Pass
	836.5	50	0	6.05	<=13	Pass
	844	50	0	6.35	<=13	Pass
16QAM	829	50	0	7.05	<=13	Pass
	836.5	50	0	6.90	<=13	Pass

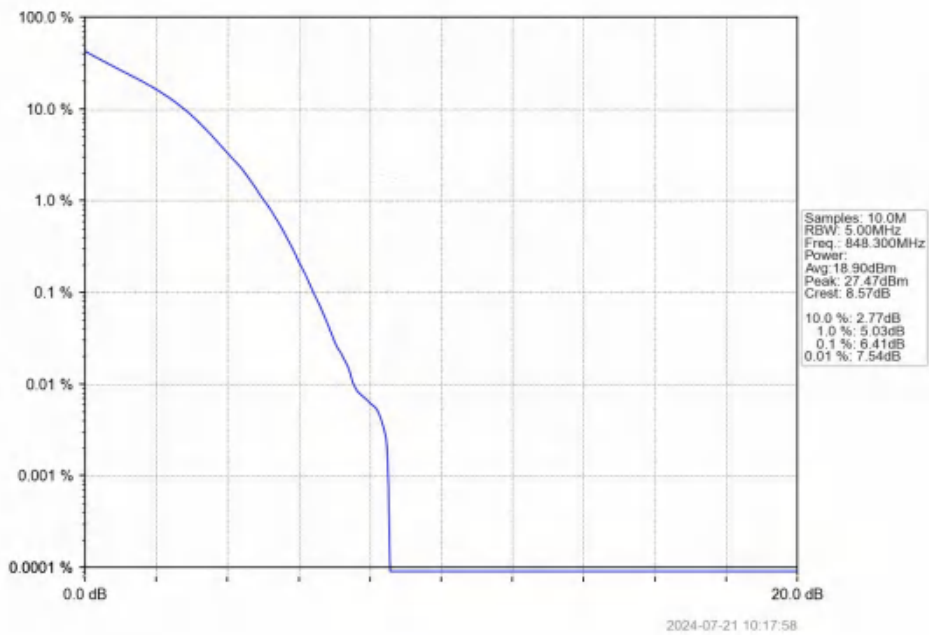
	844	50	0	7.01	<=13	Pass
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5.2 Test Graph

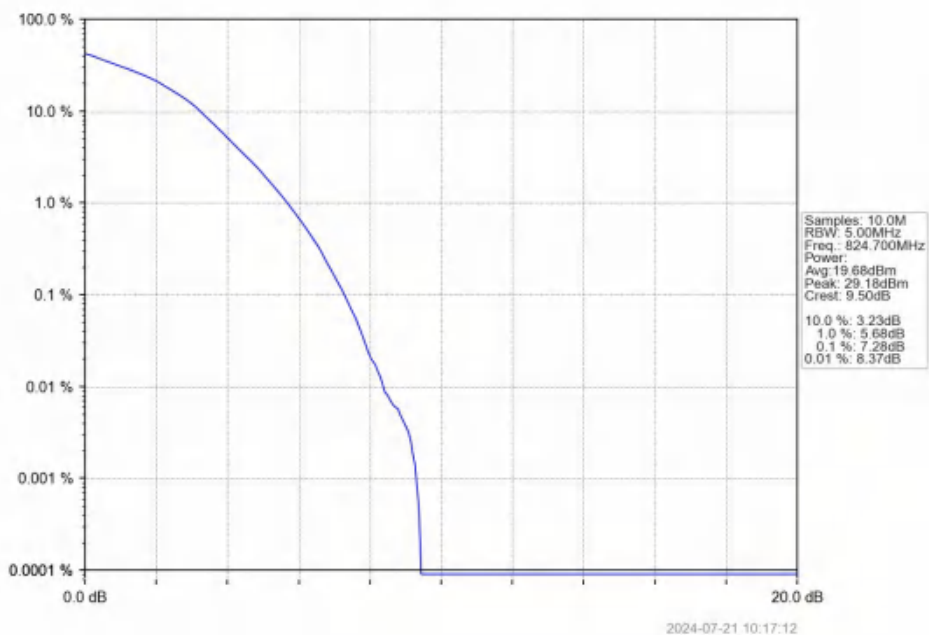
5.2.1 B5_1.4MHz



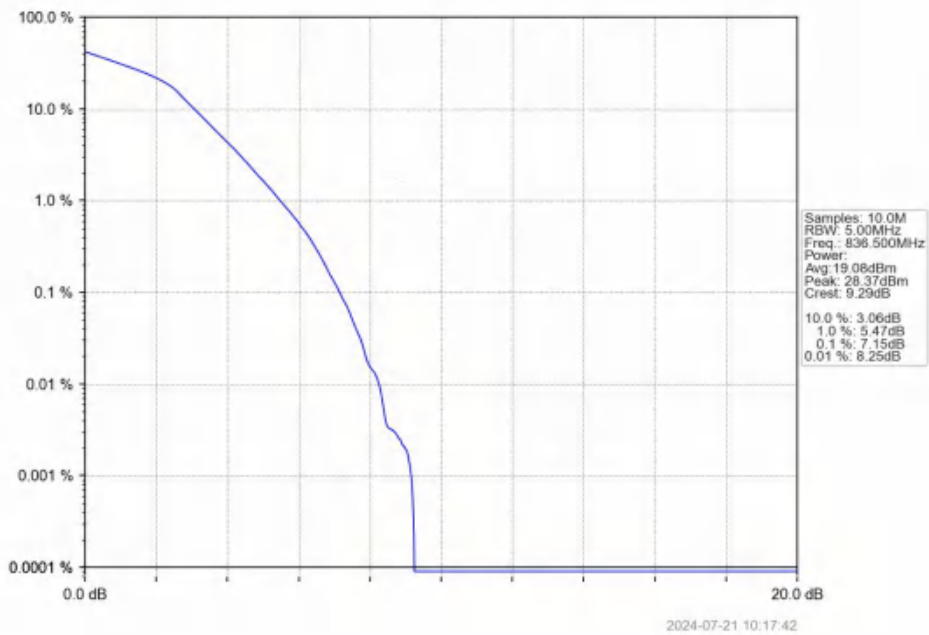
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



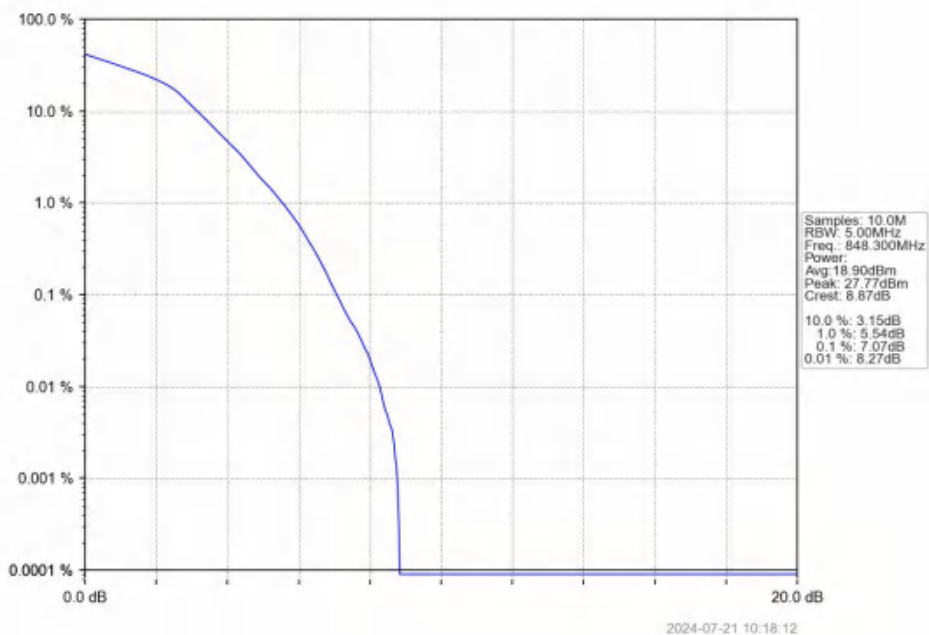
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



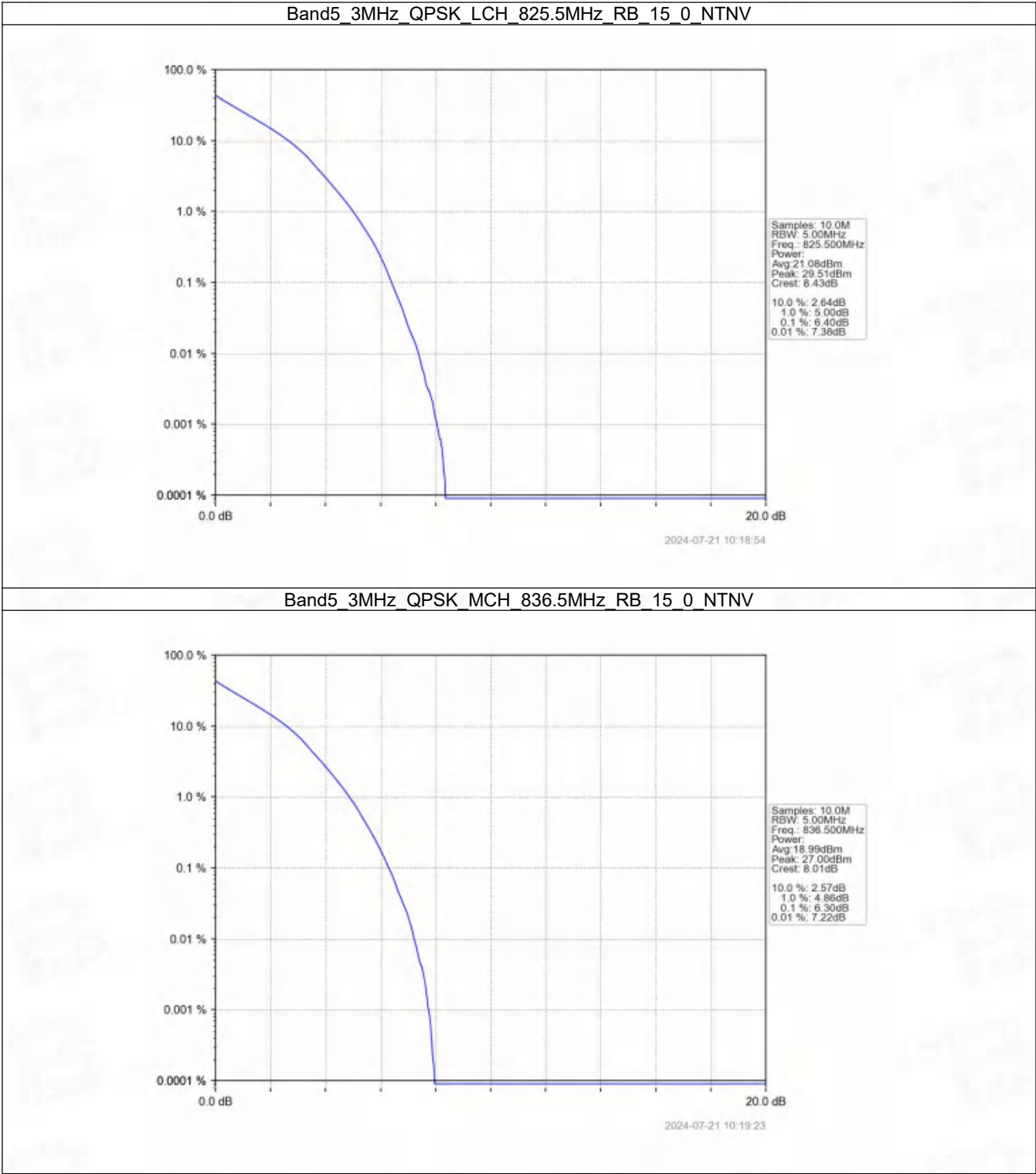
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



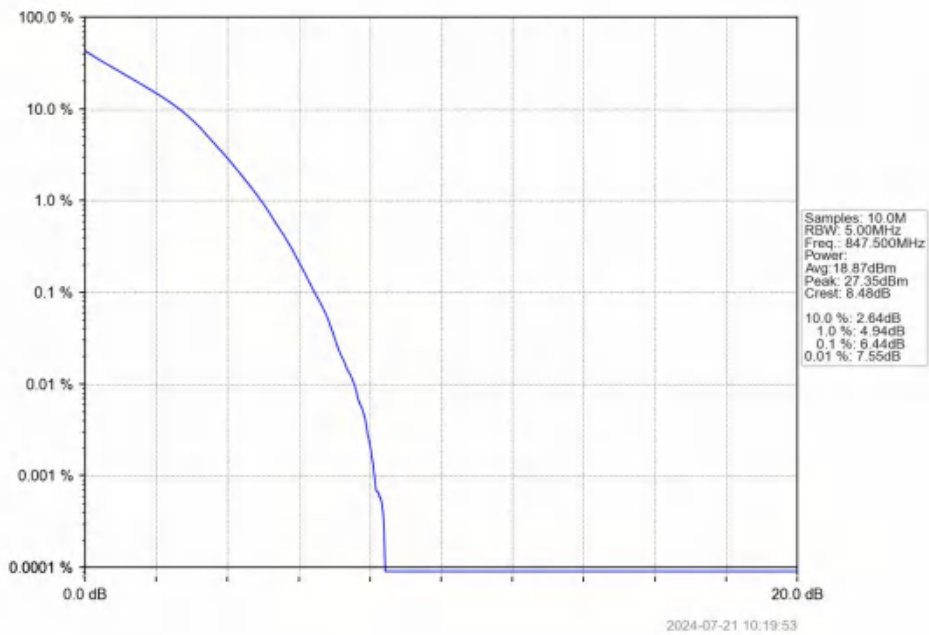
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



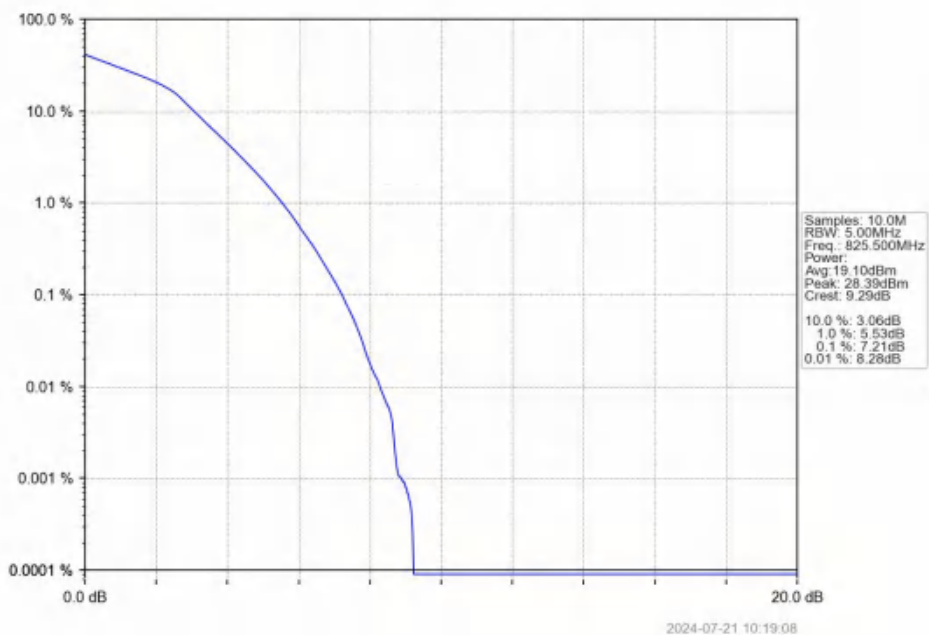
5.2.2 B5_3MHz



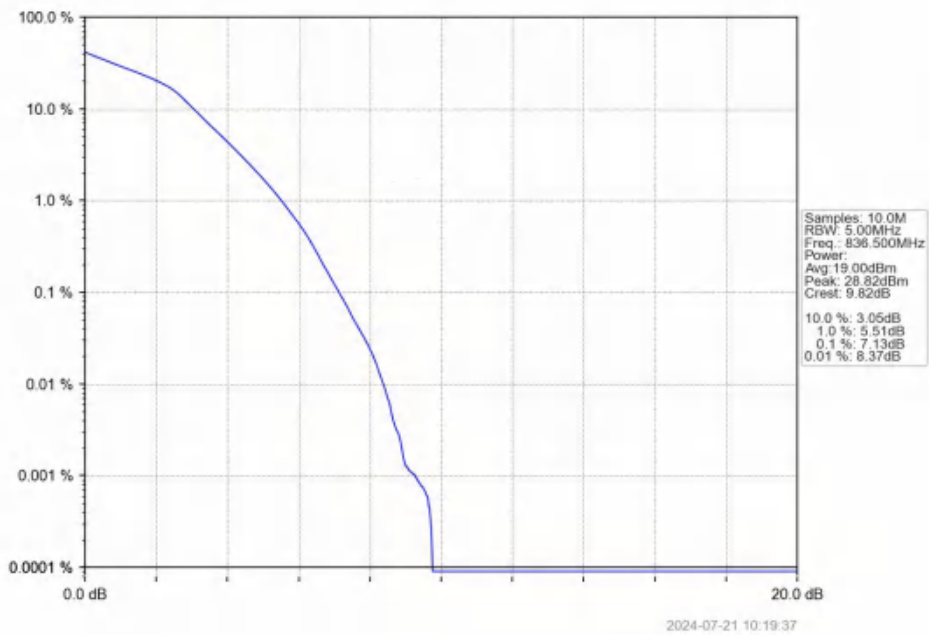
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



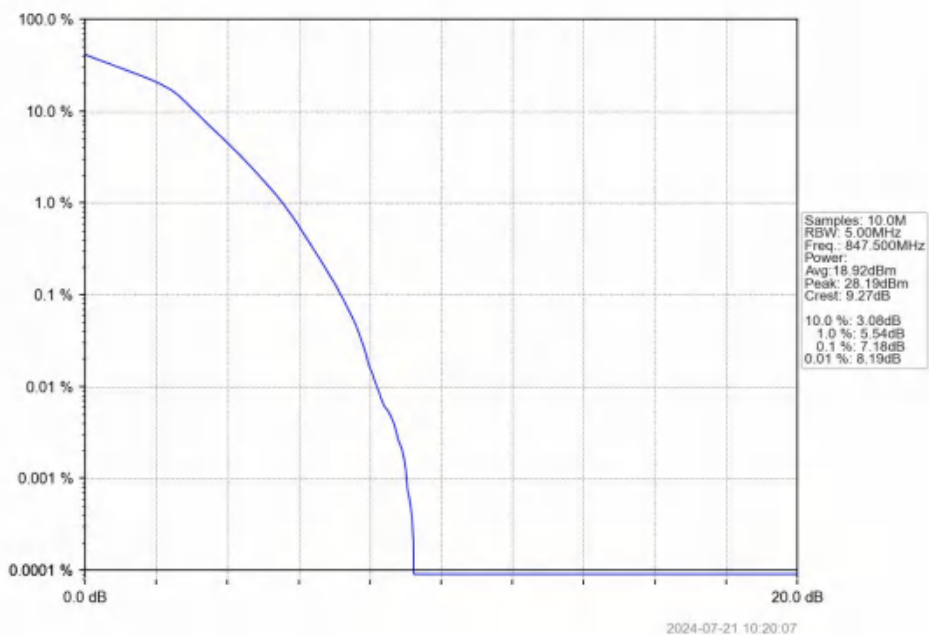
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



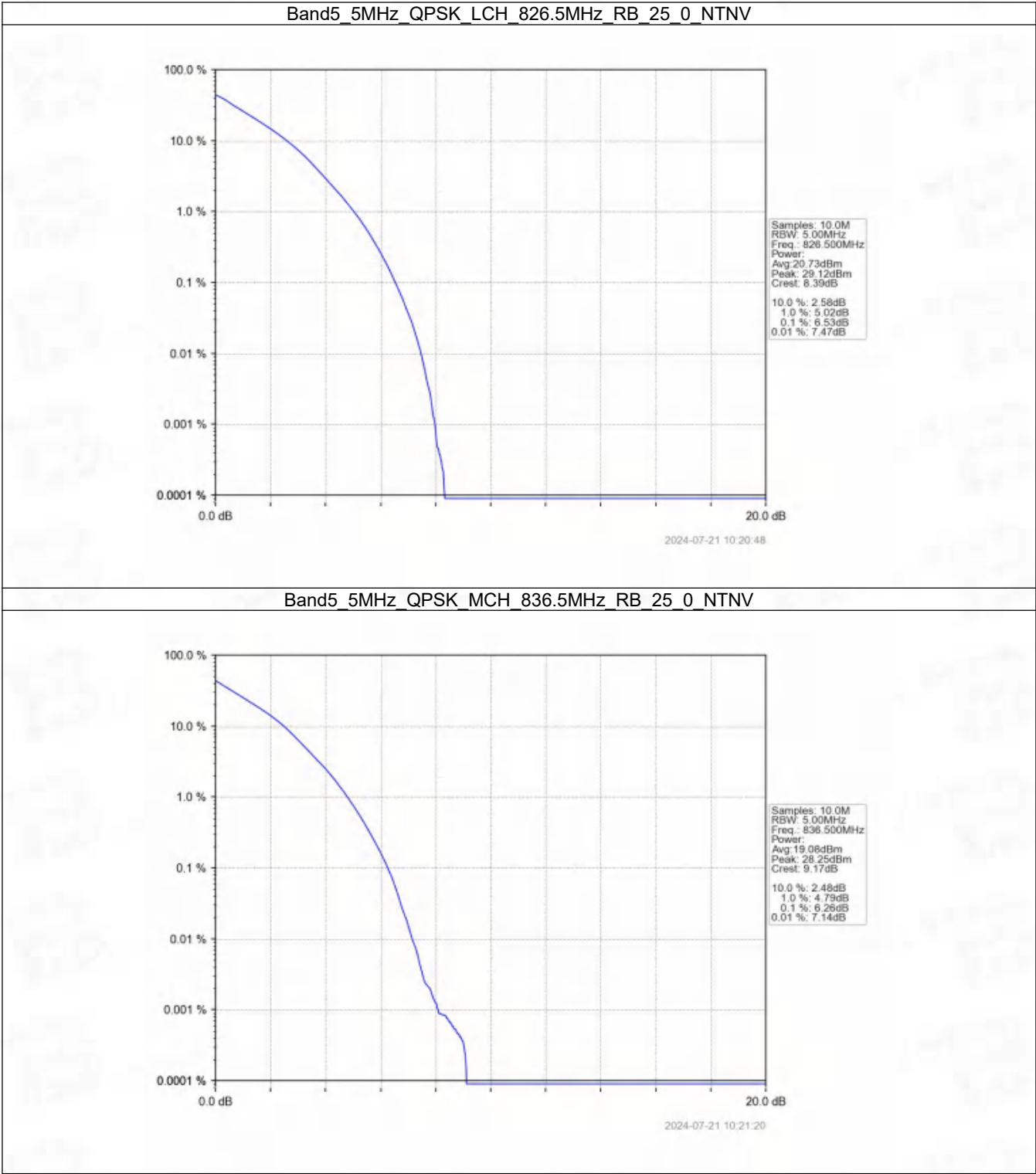
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



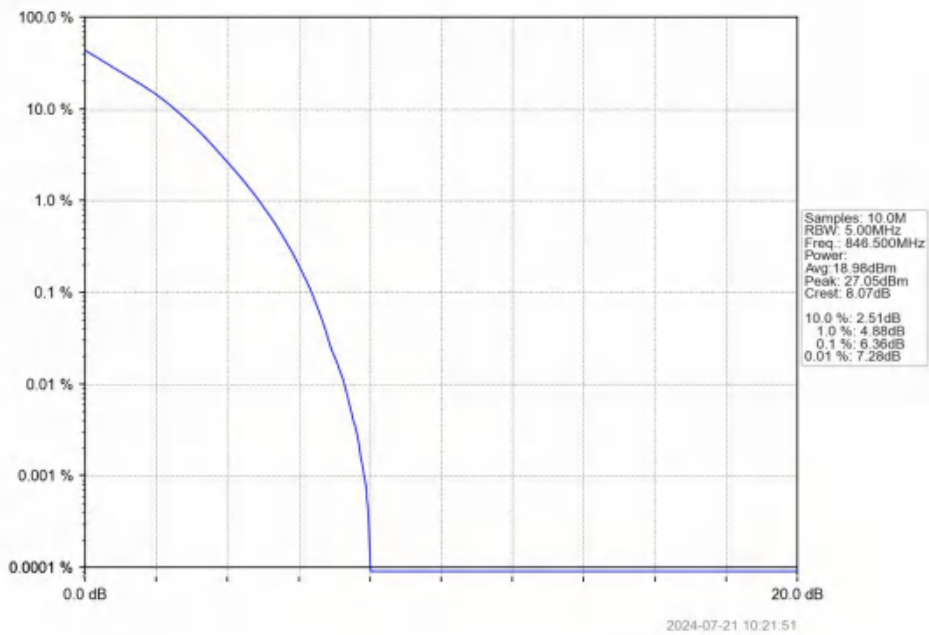
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



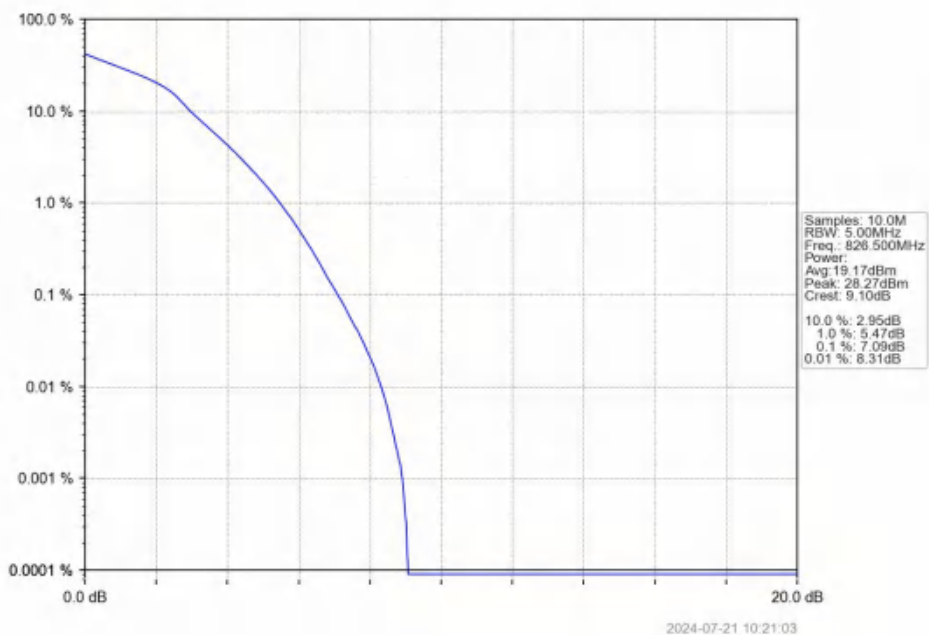
5.2.3 B5_5MHz



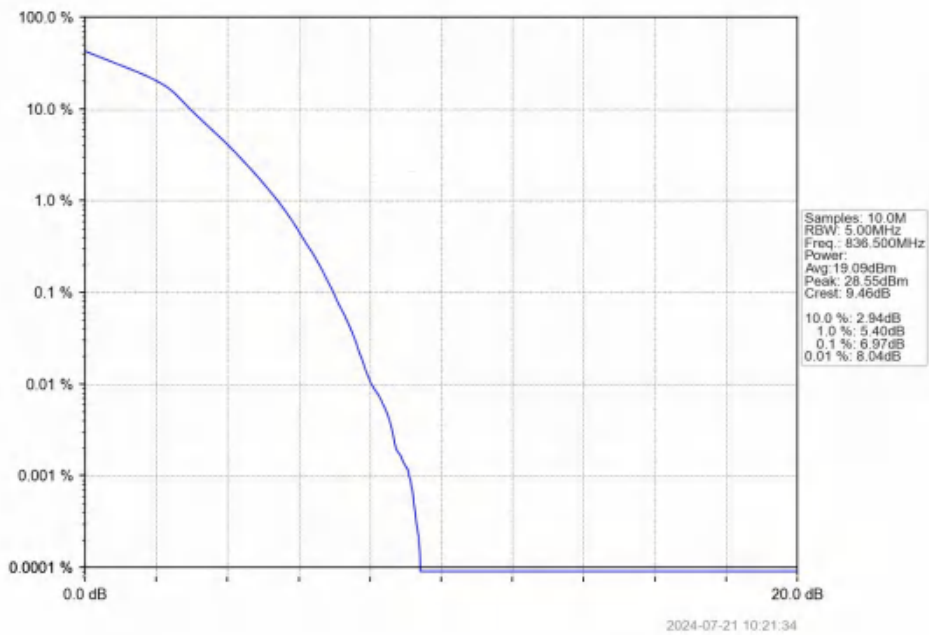
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



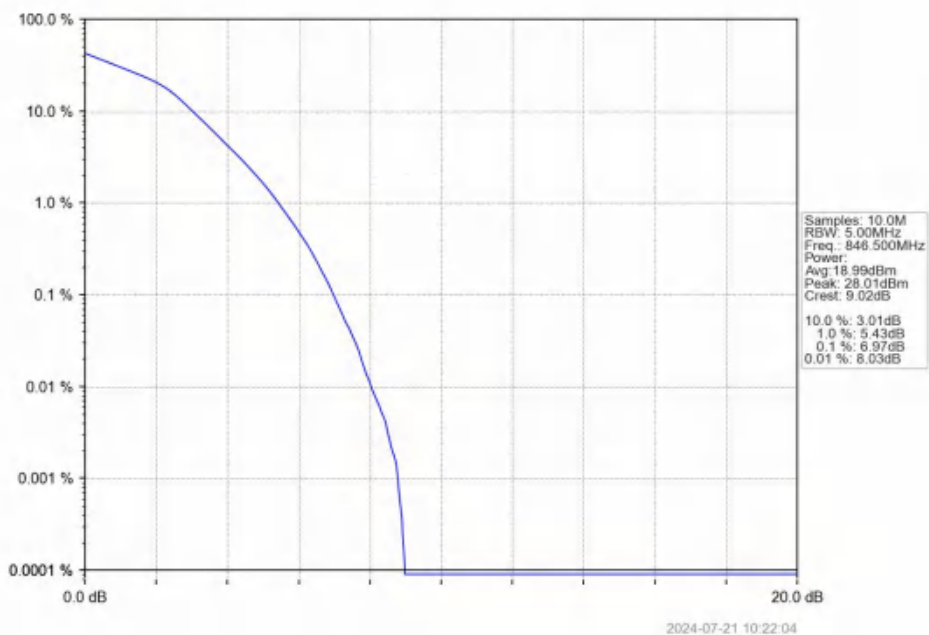
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



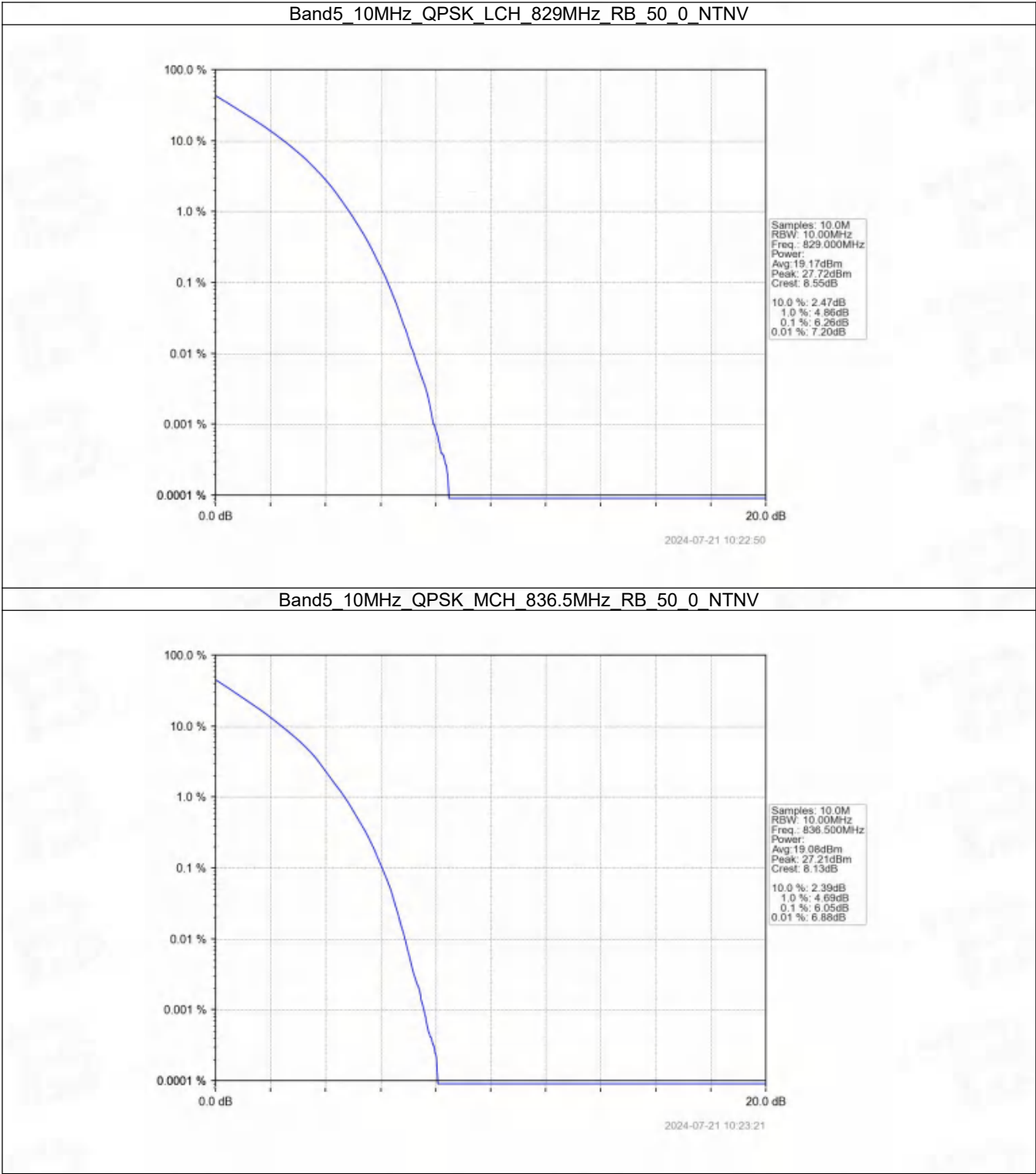
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



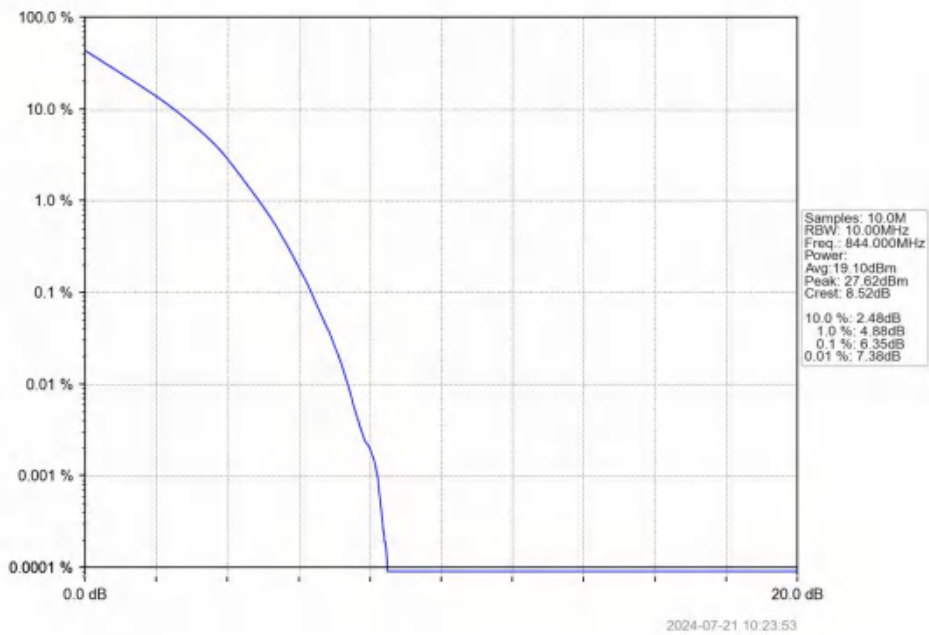
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



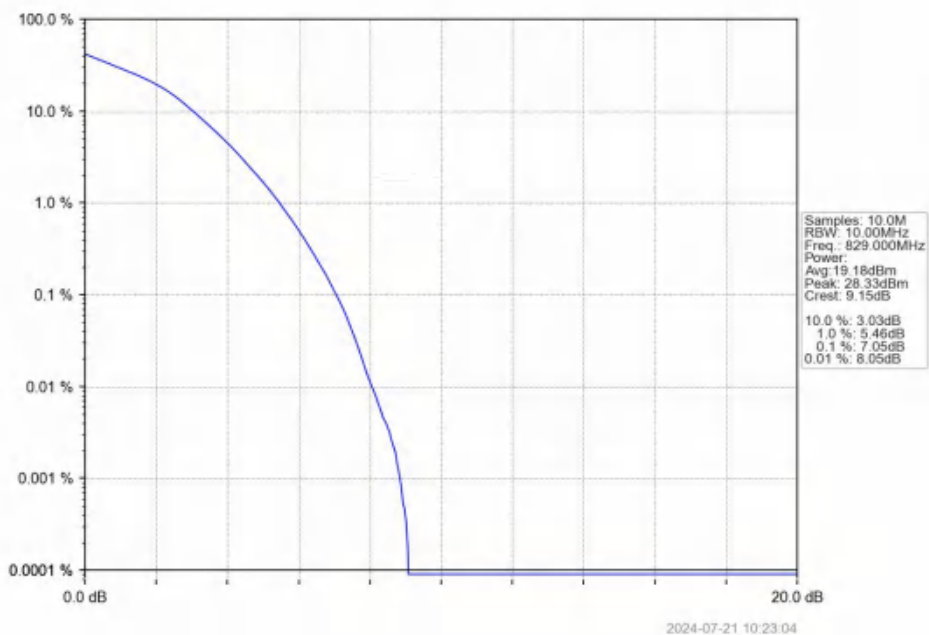
5.2.4 B5_10MHz



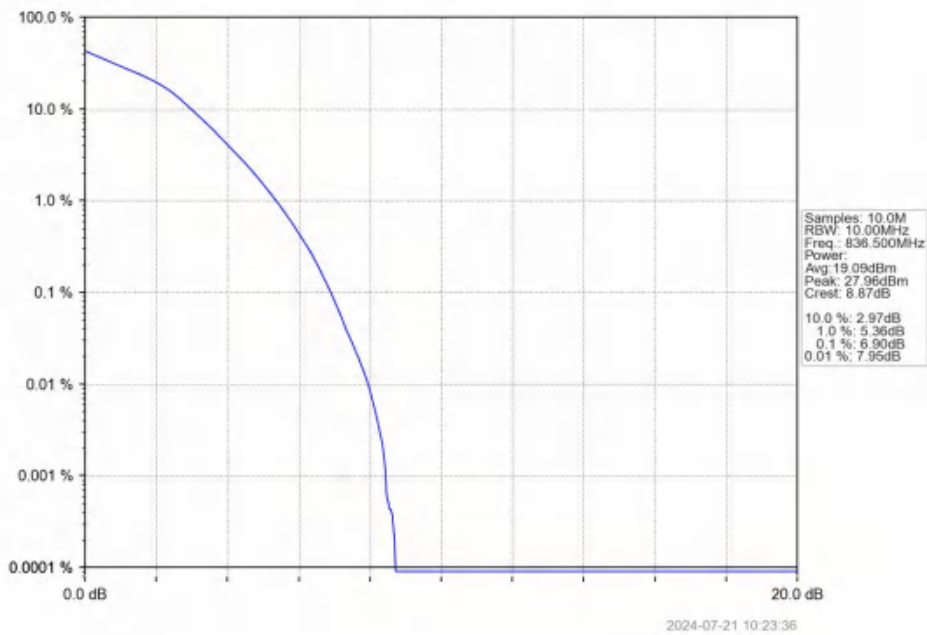
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



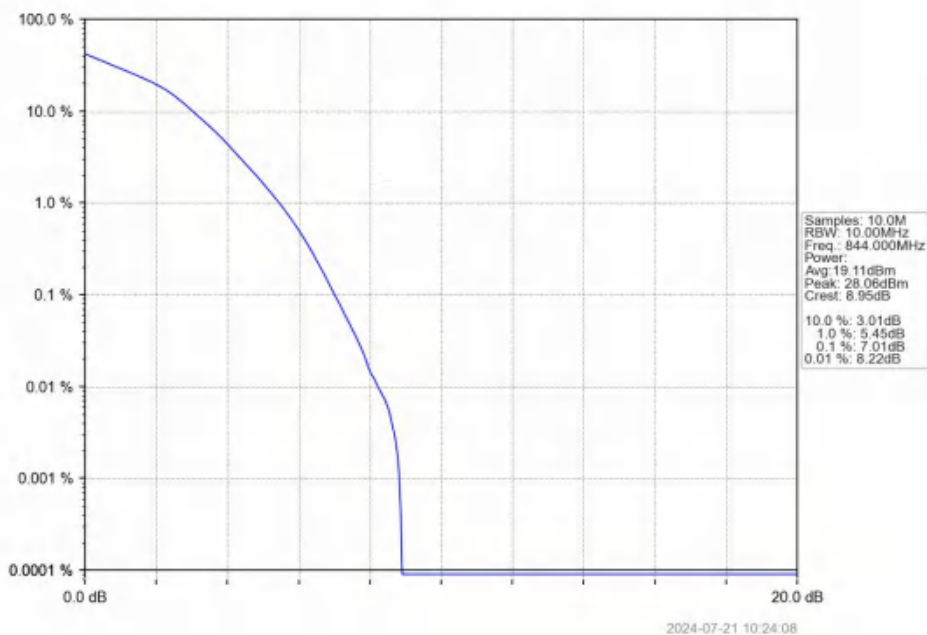
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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 / NTVN						
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	
	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	
	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
		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

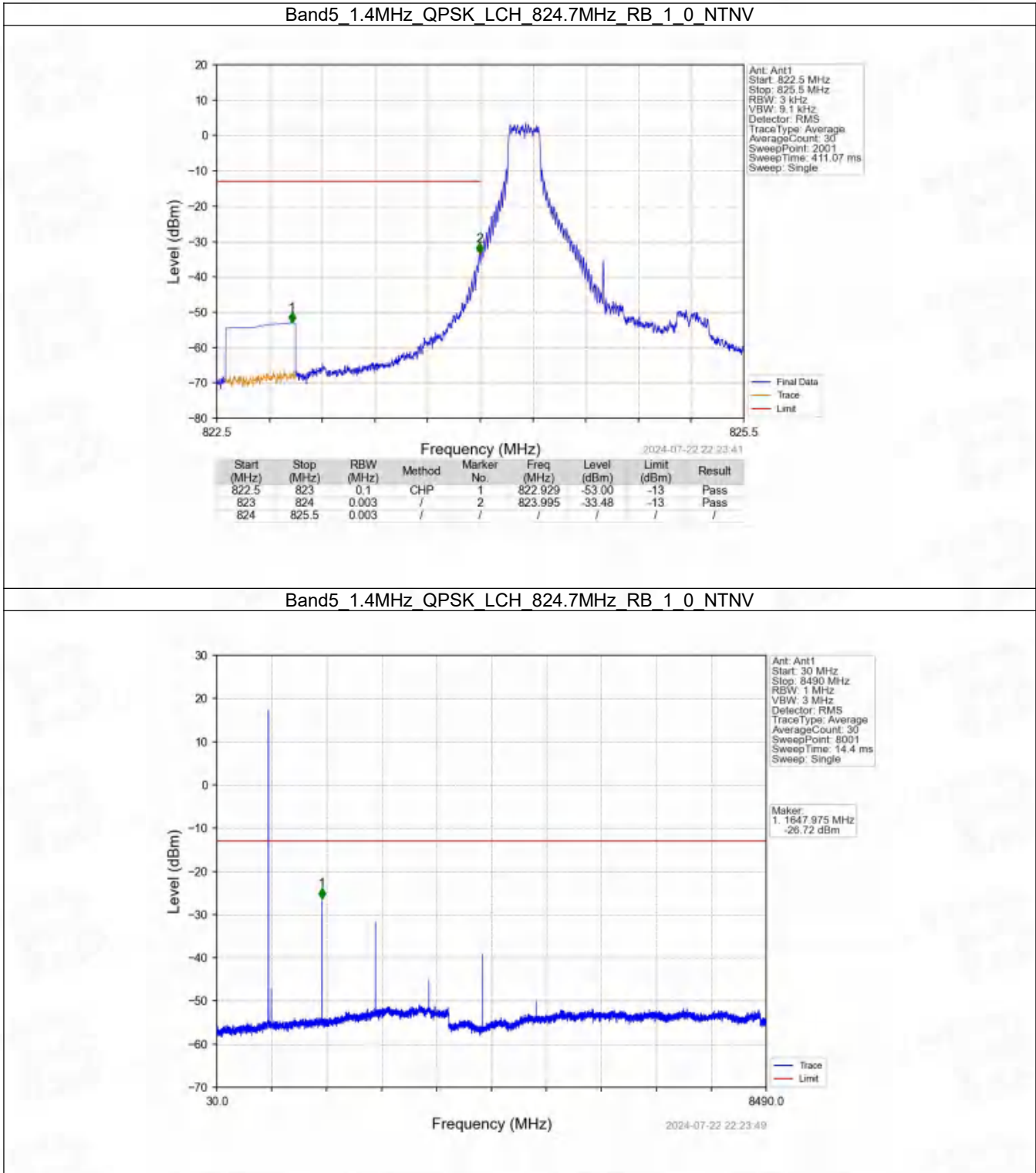
	836.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

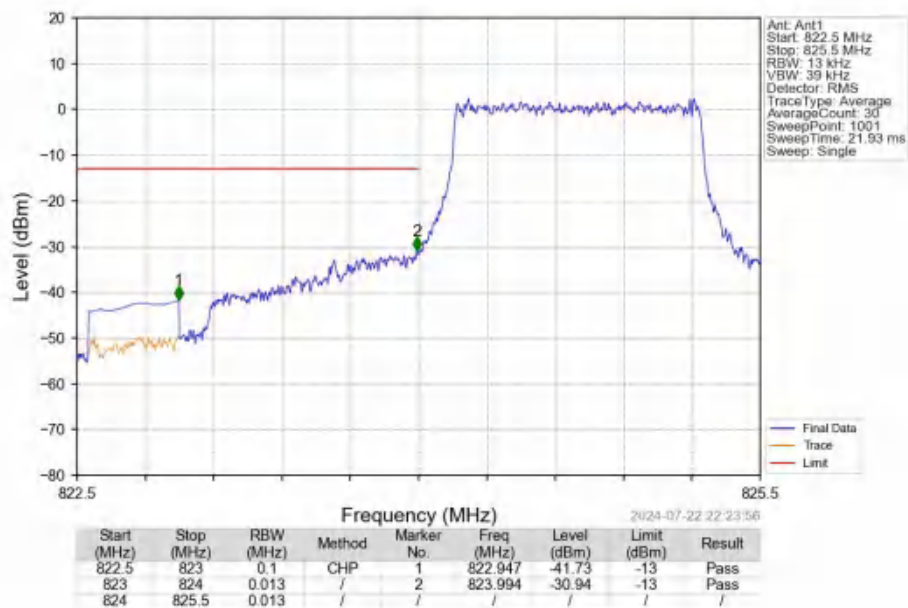
Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

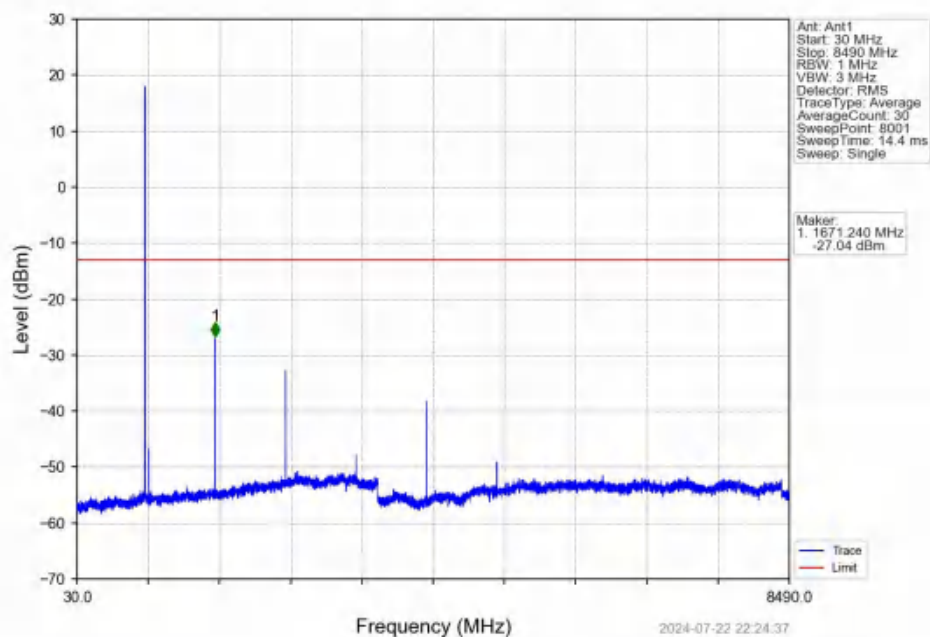
6.2.1 B5_1.4MHz



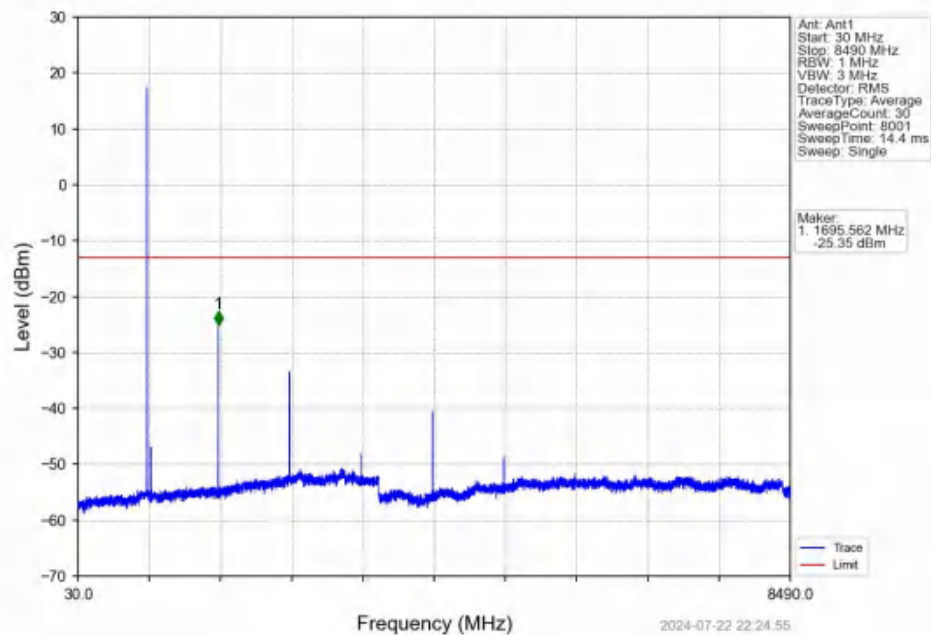
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



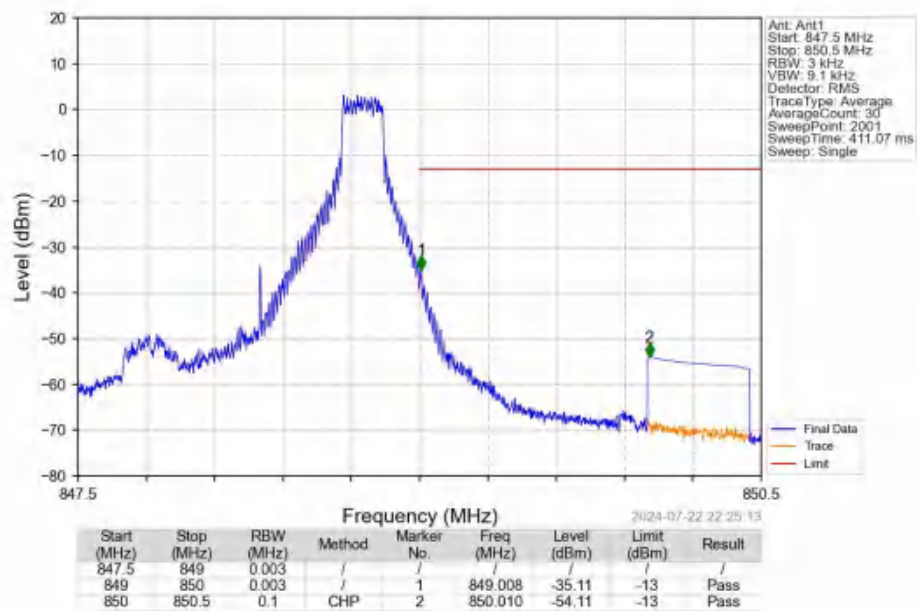
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



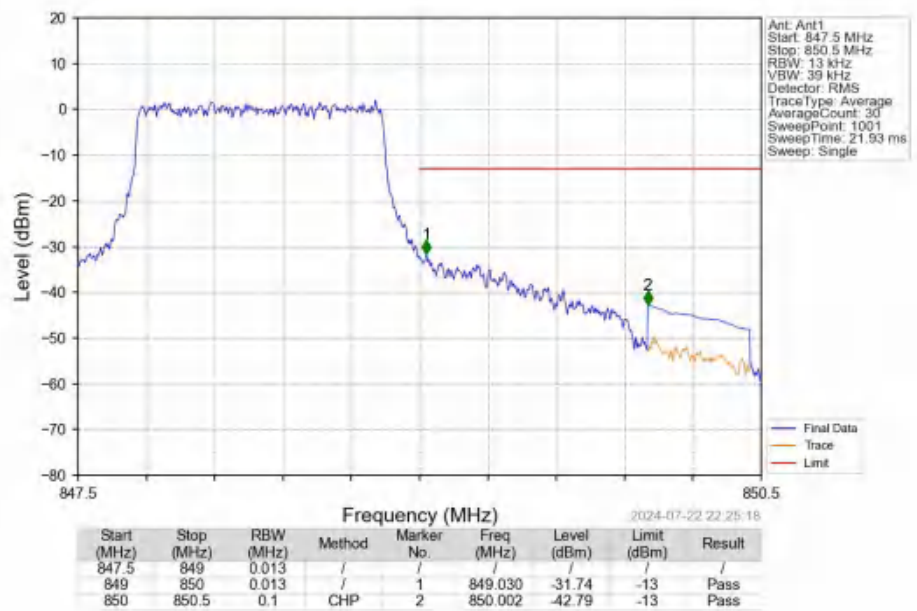
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



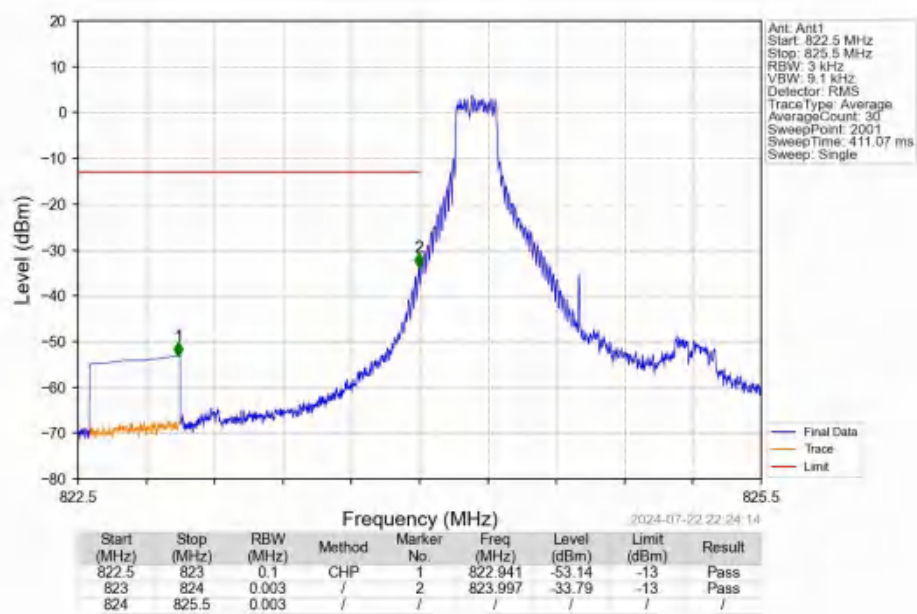
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



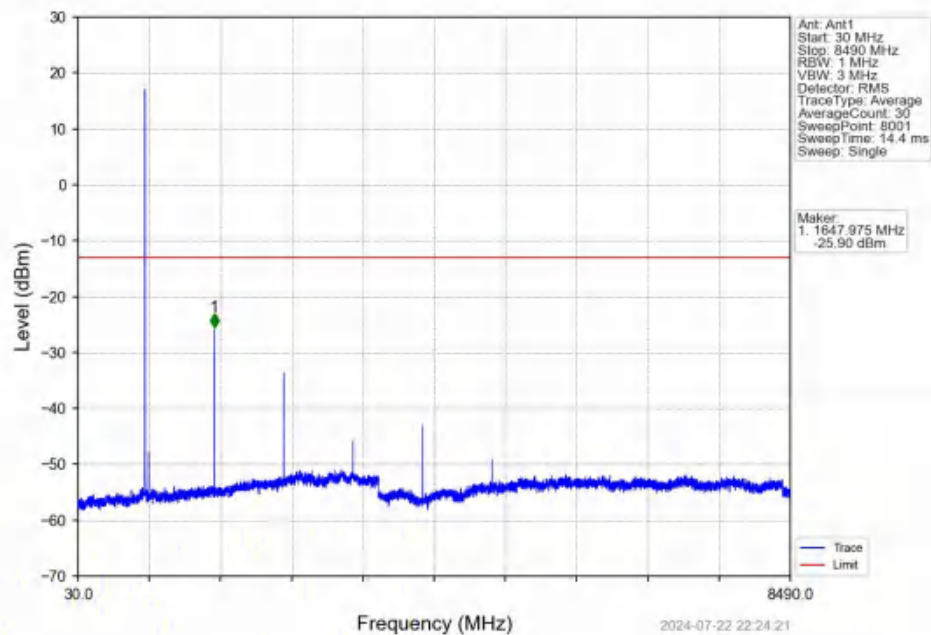
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



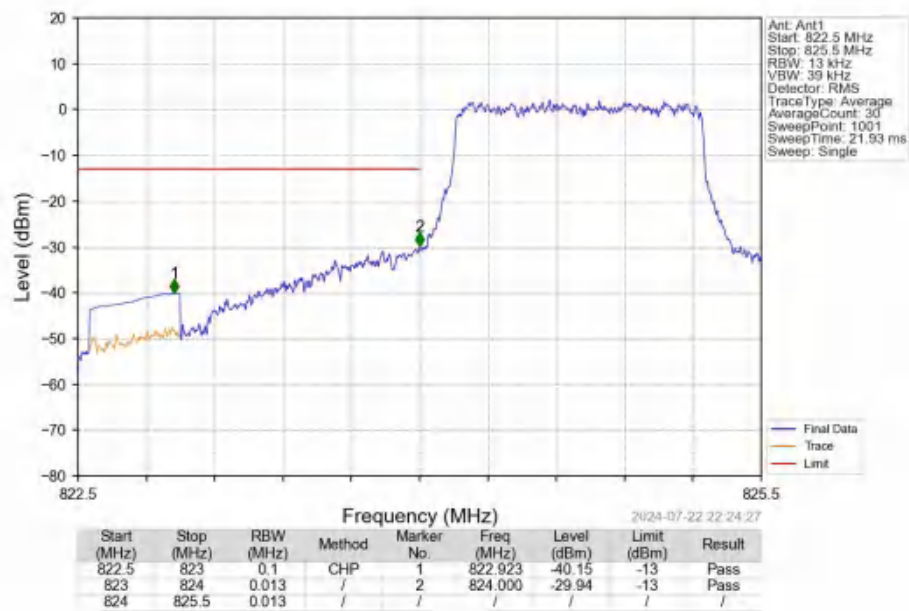
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



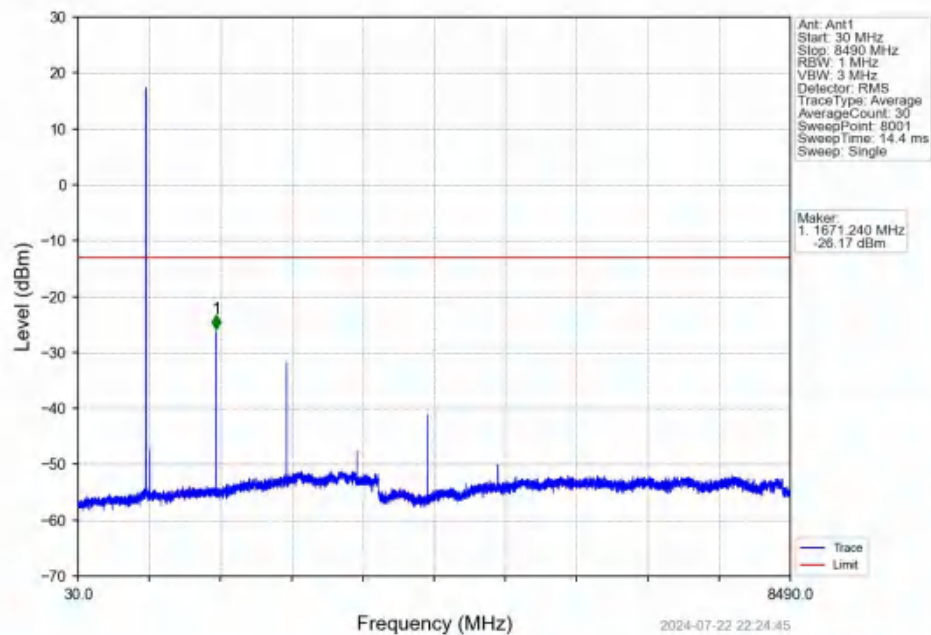
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



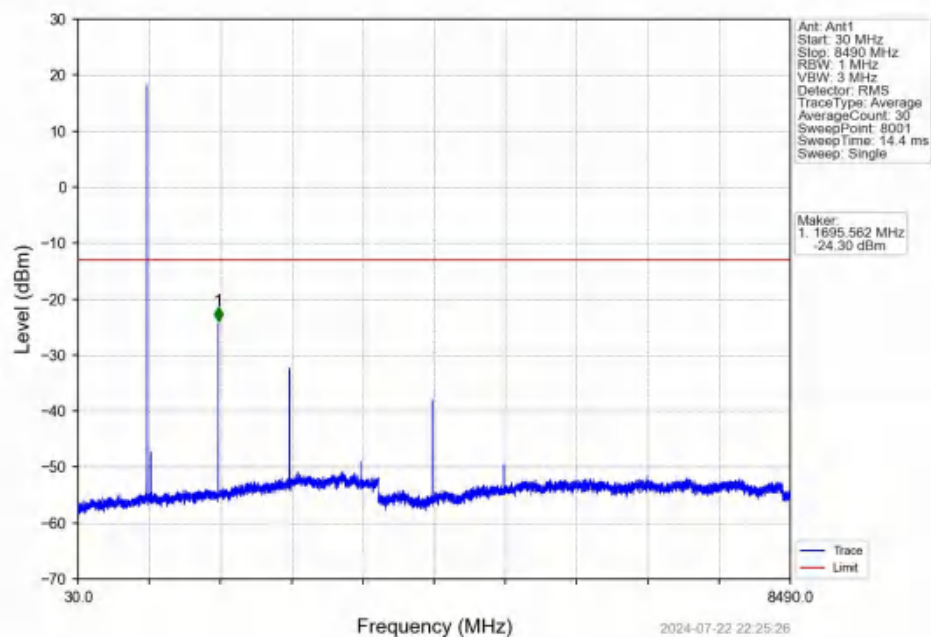
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



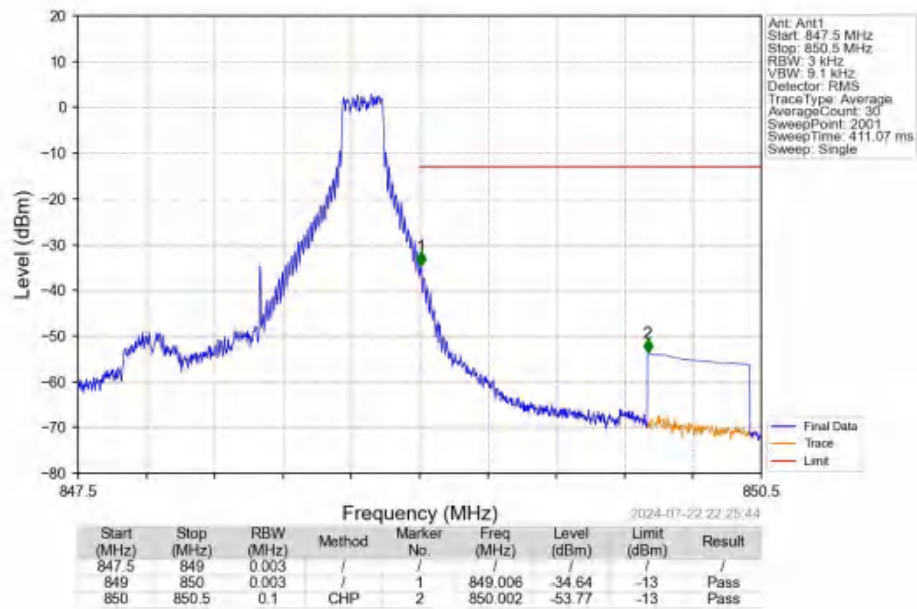
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



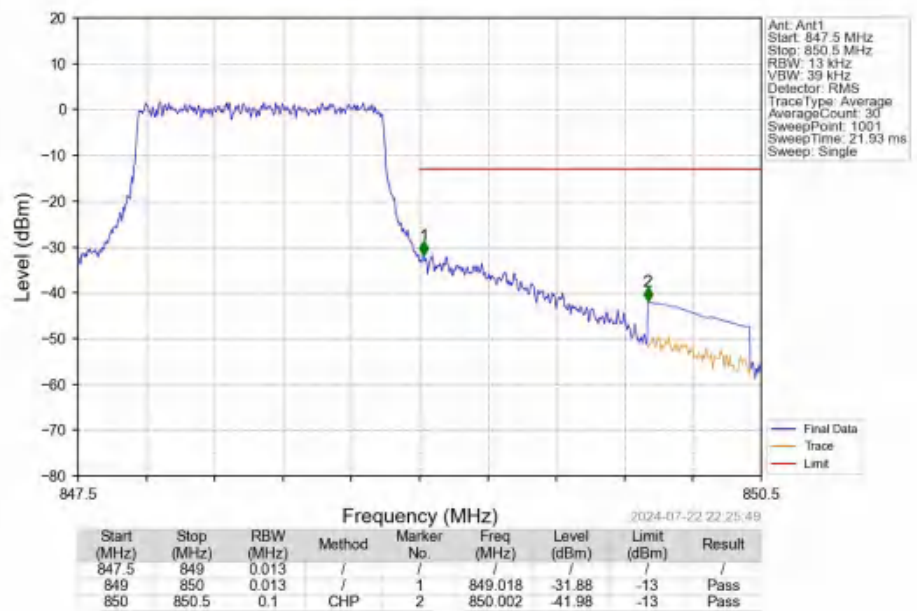
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



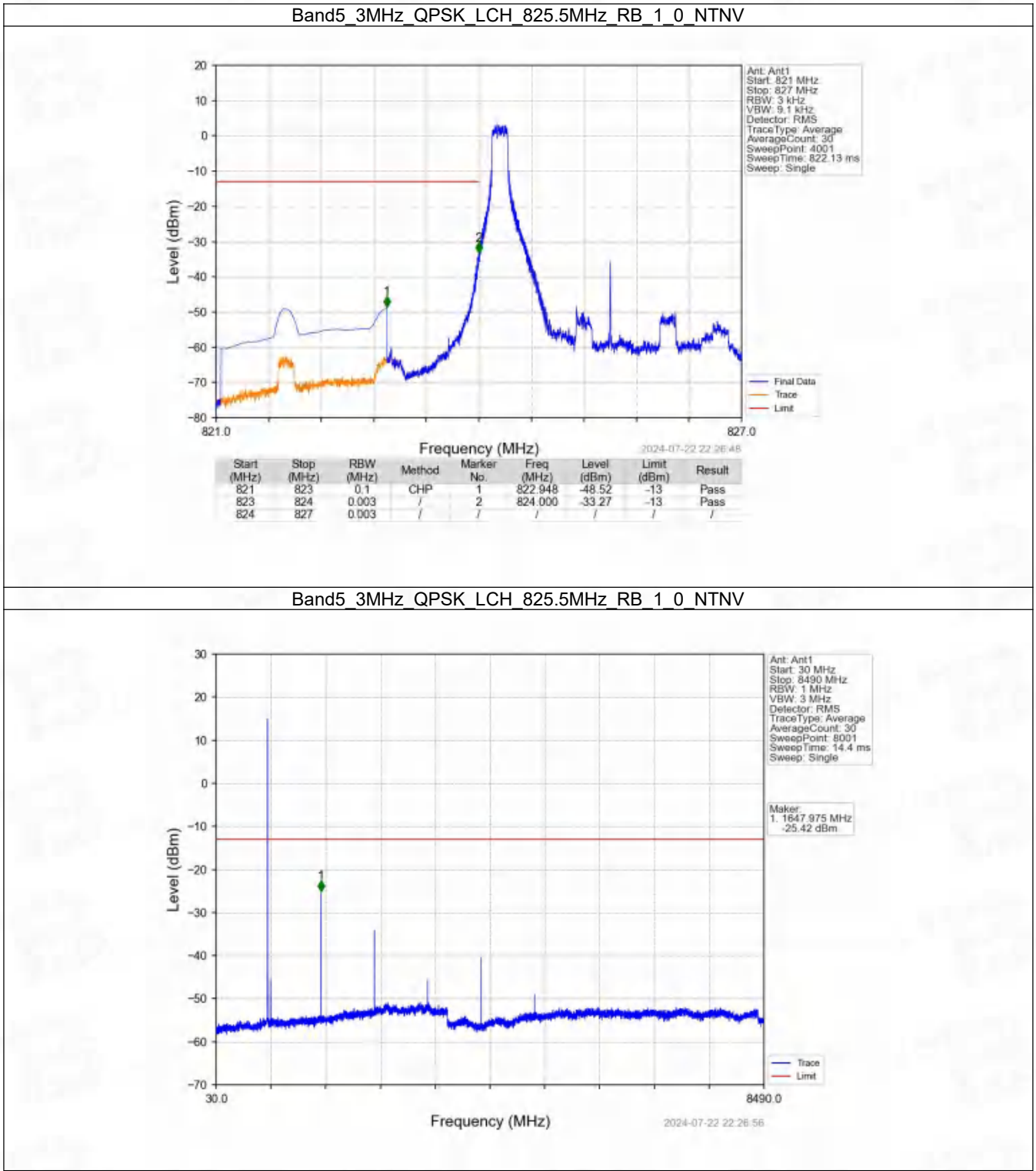
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



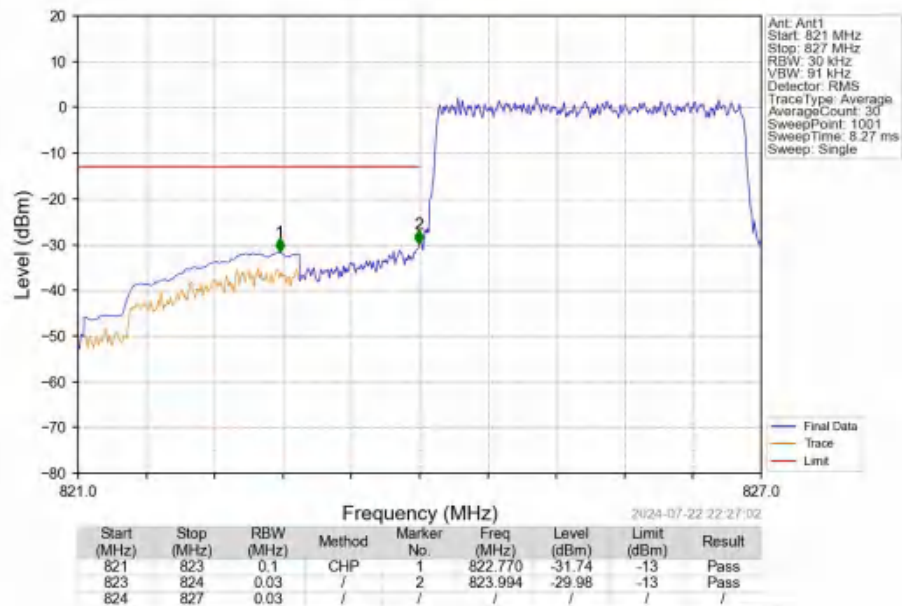
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



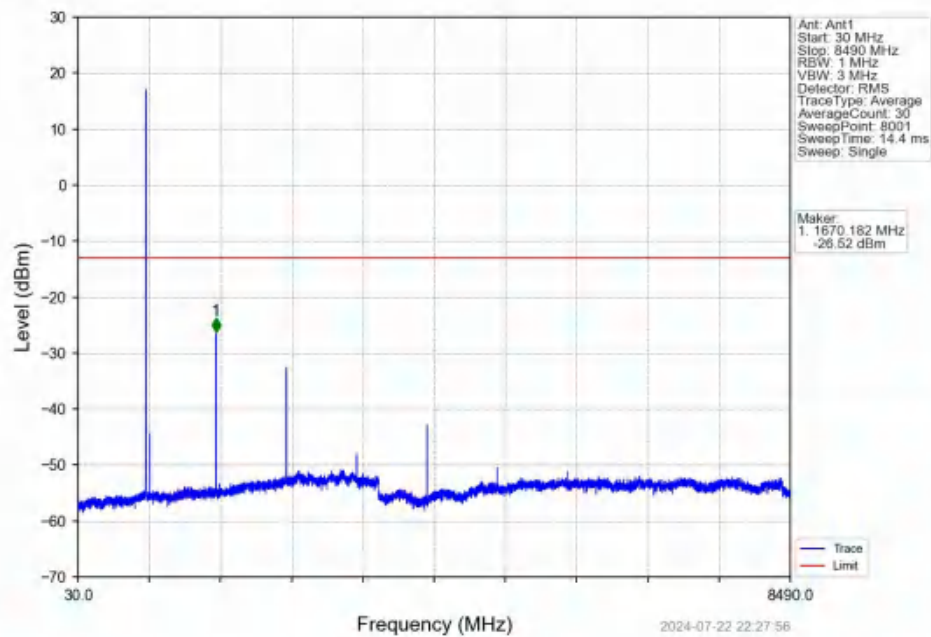
6.2.2 B5_3MHz



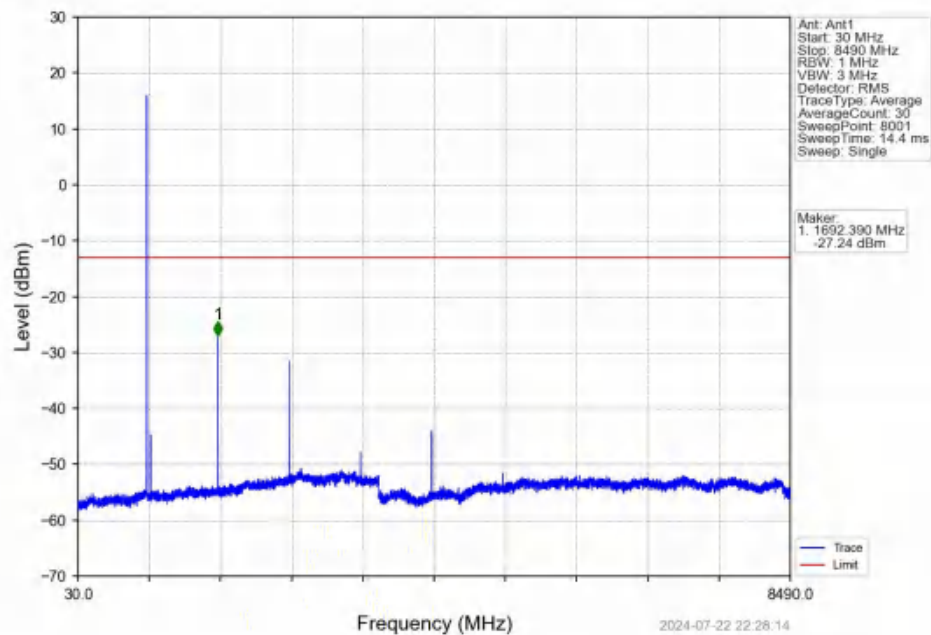
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



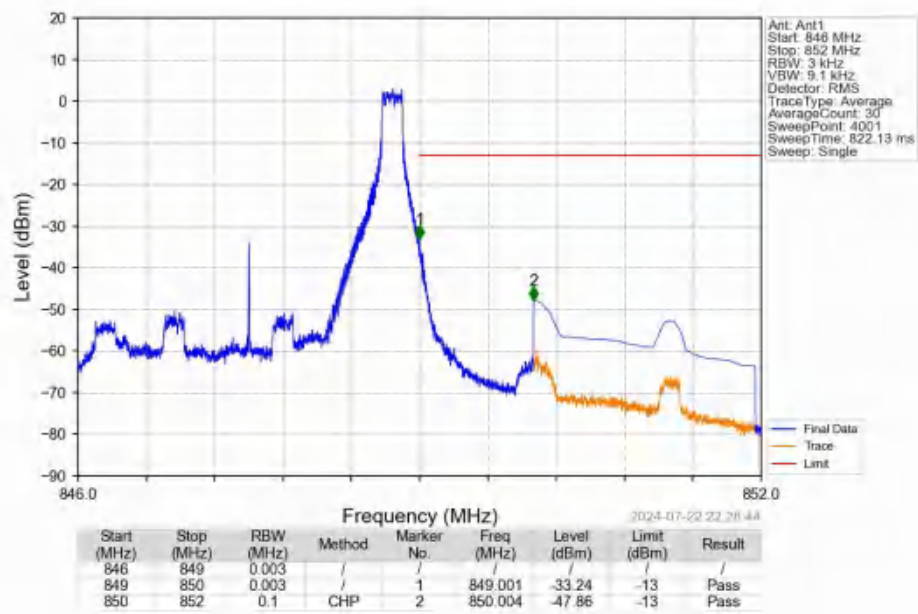
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



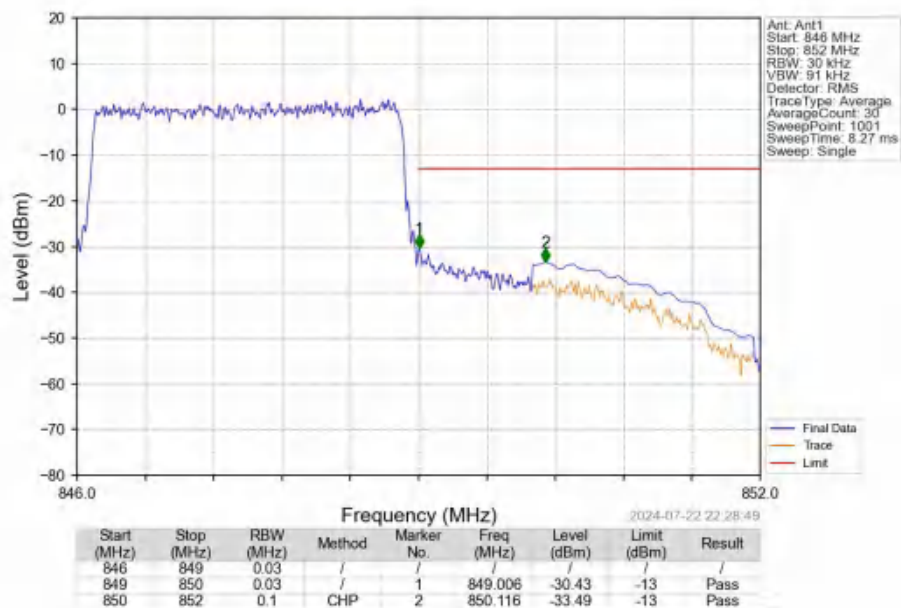
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



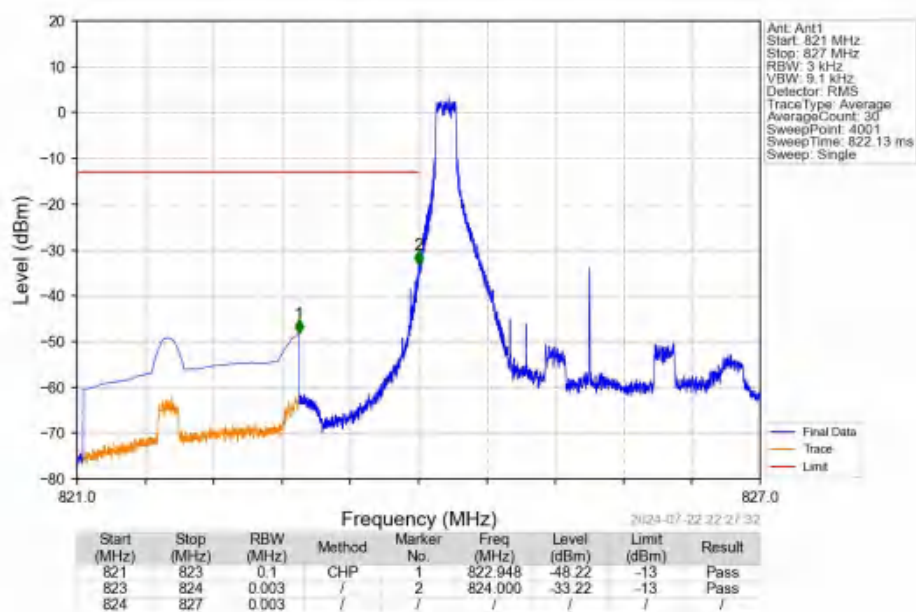
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



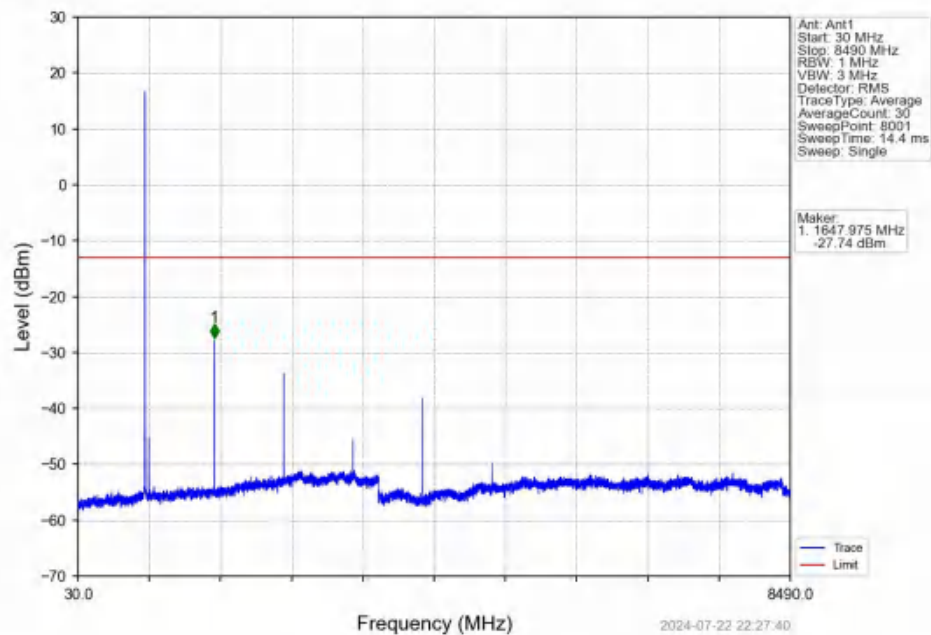
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



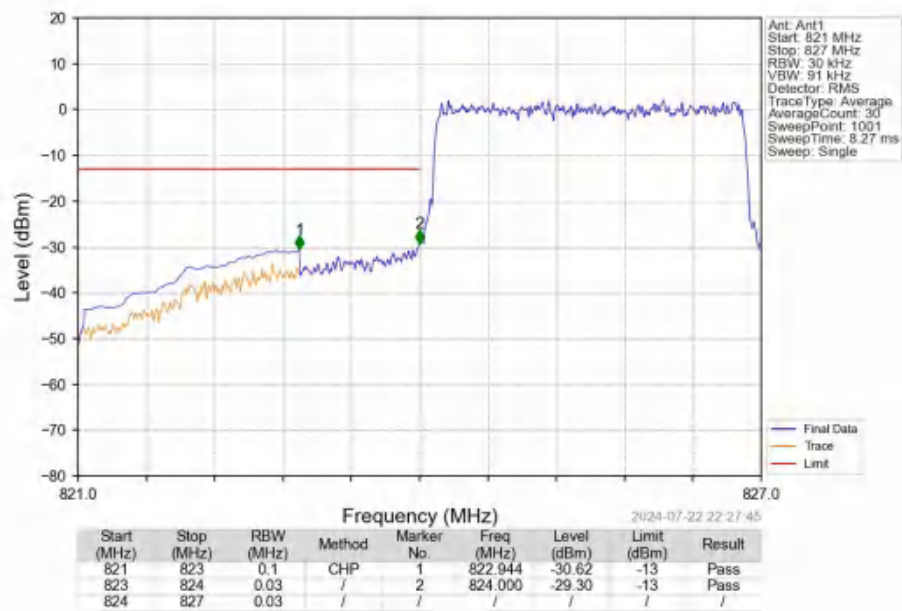
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



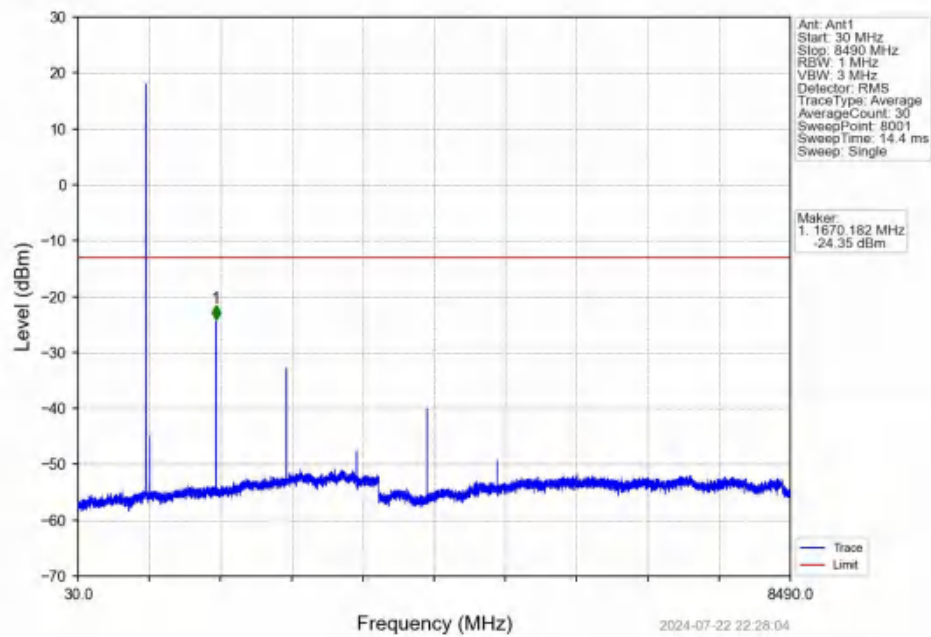
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



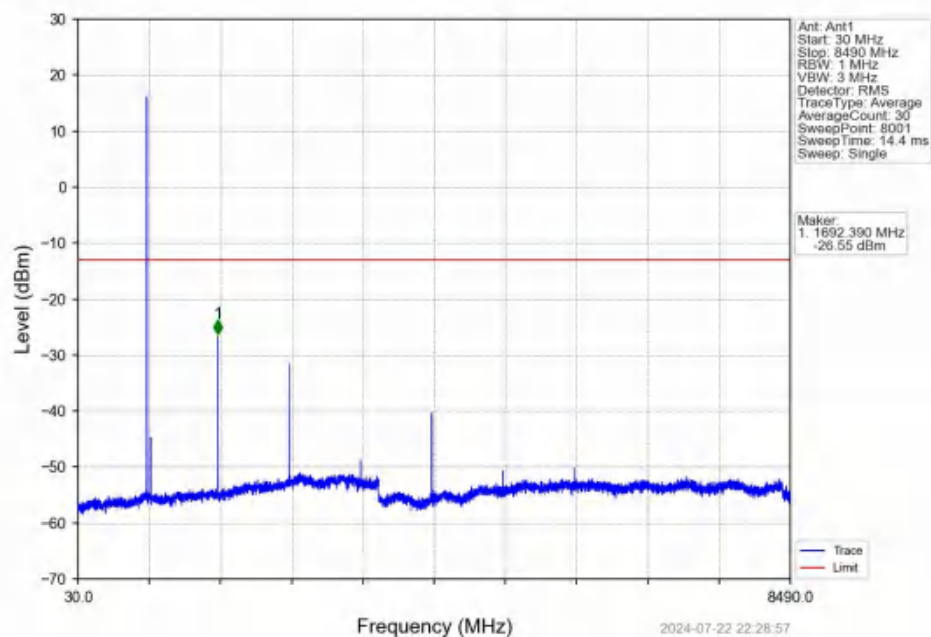
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



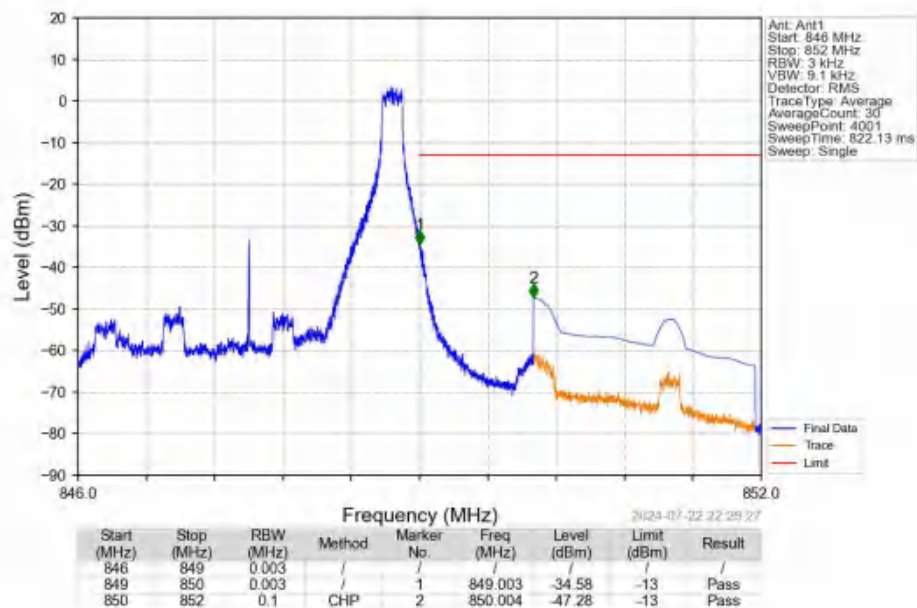
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



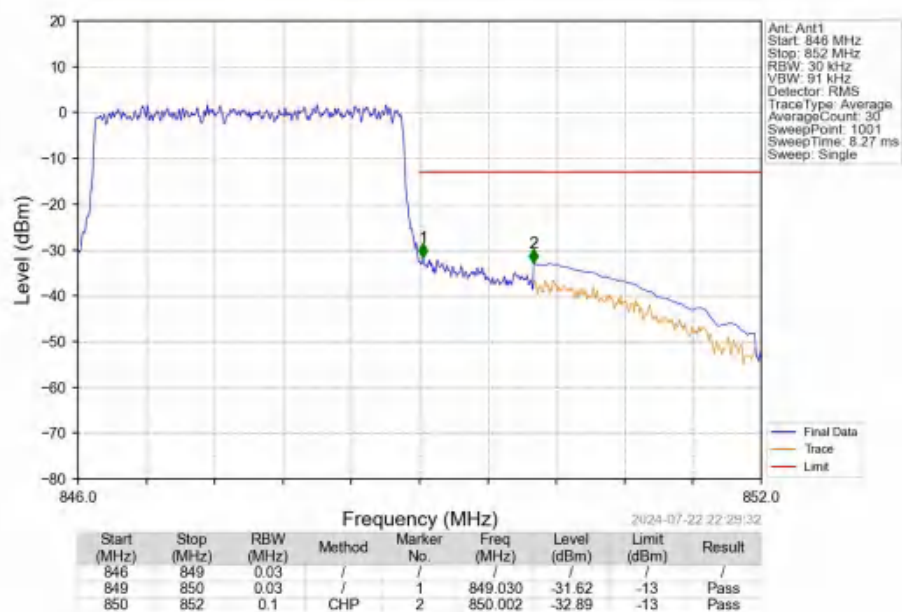
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



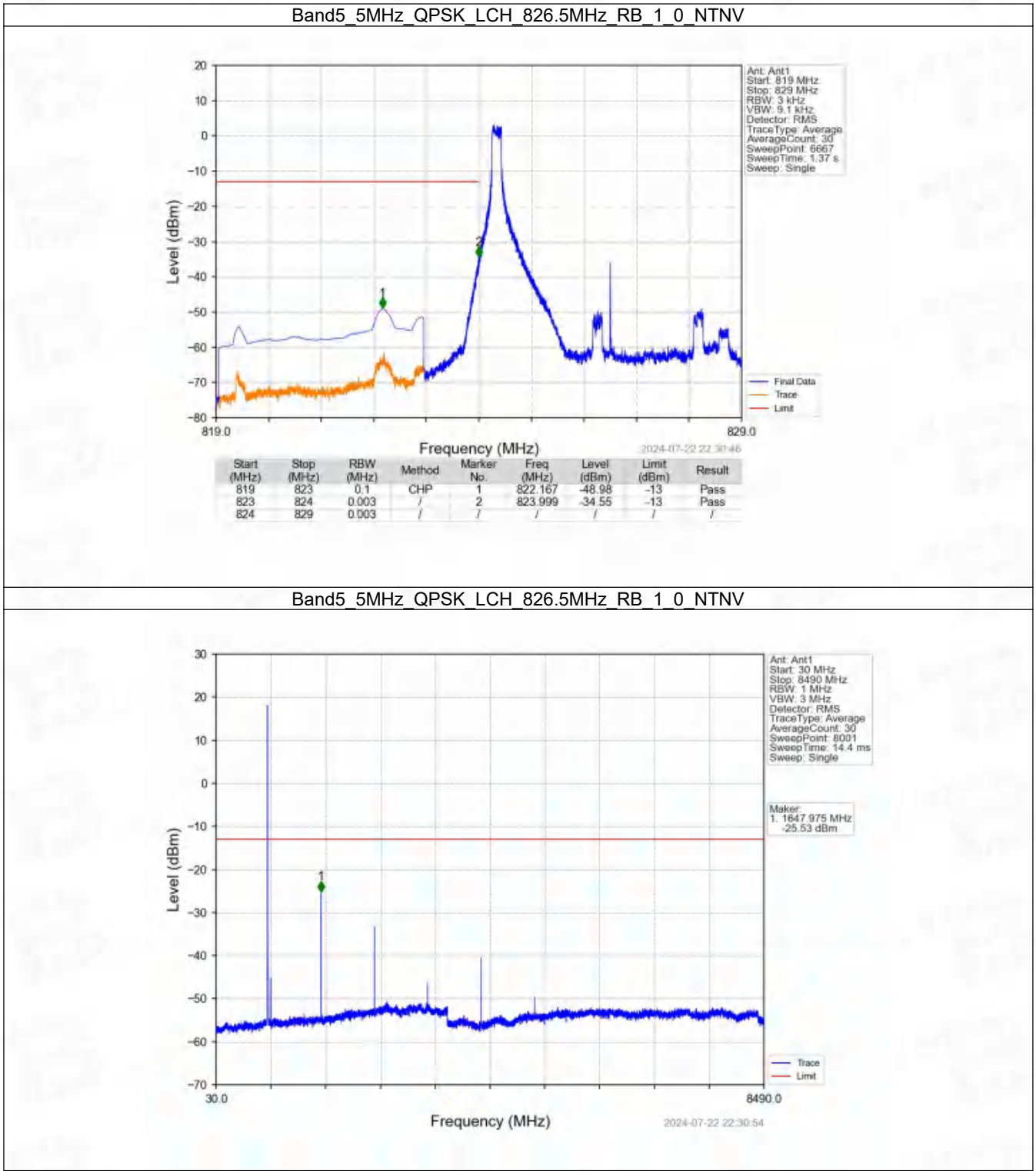
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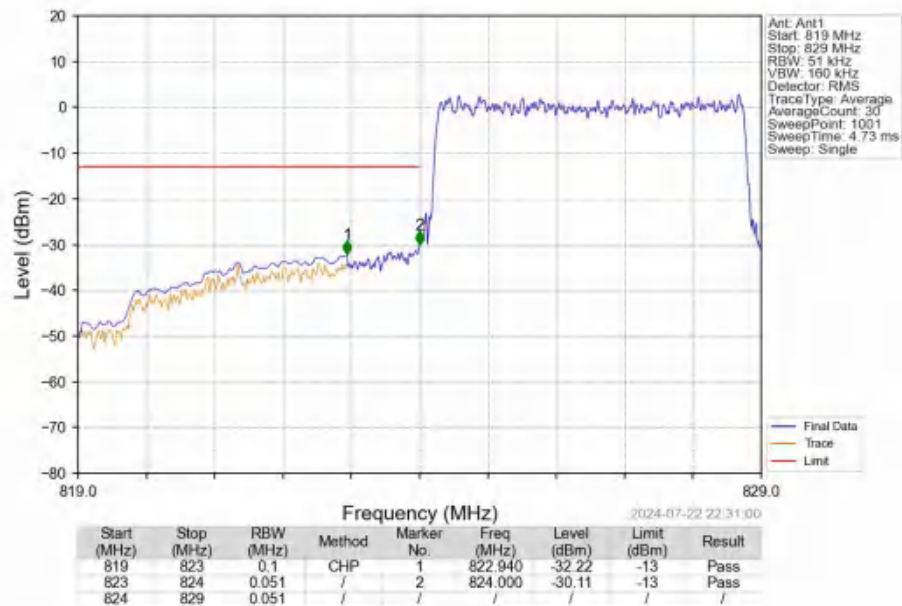
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



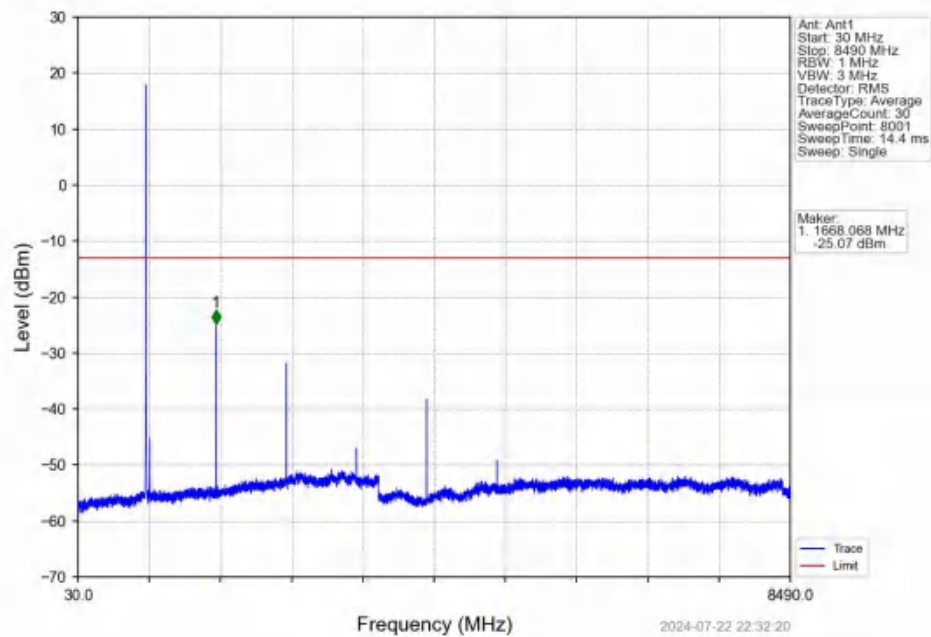
6.2.3 B5_5MHz



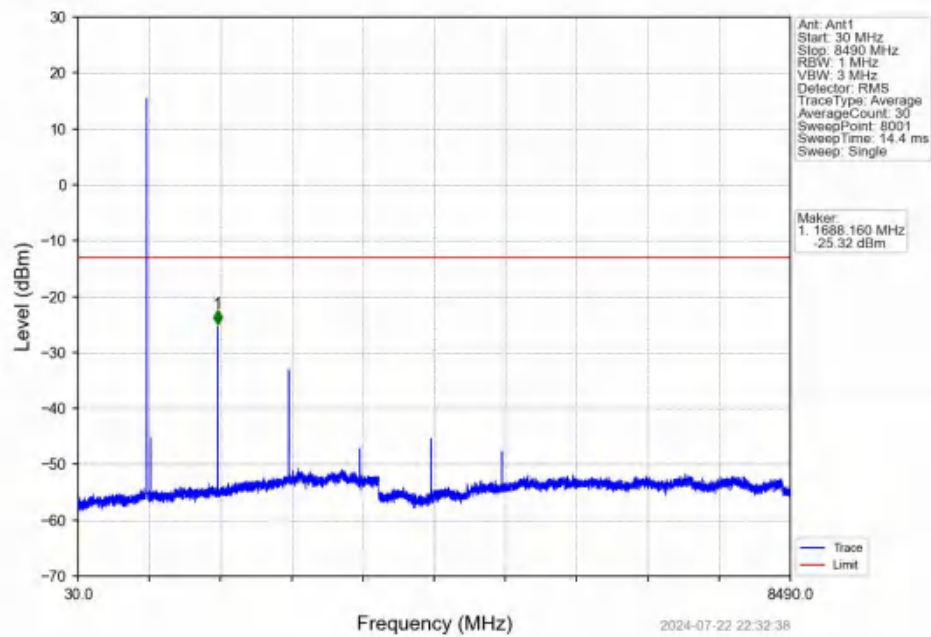
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



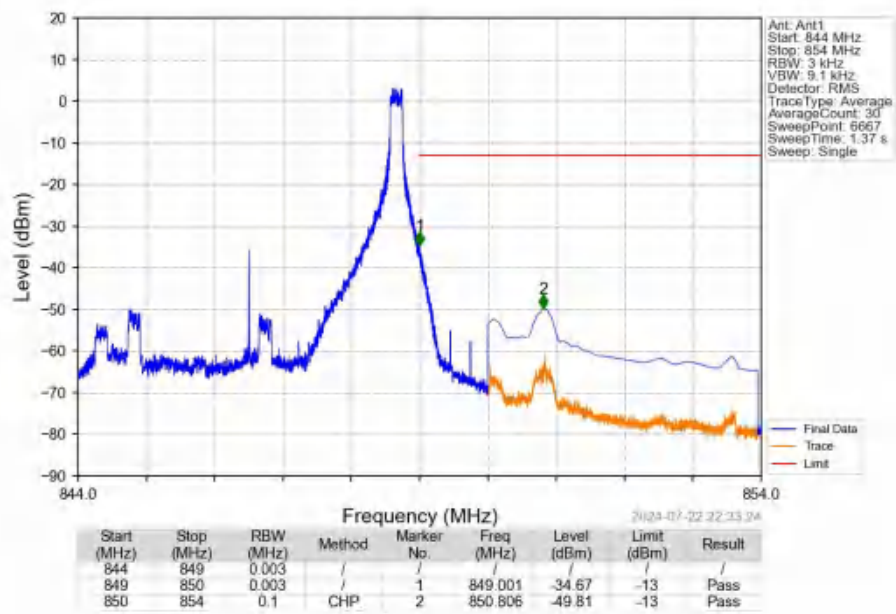
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



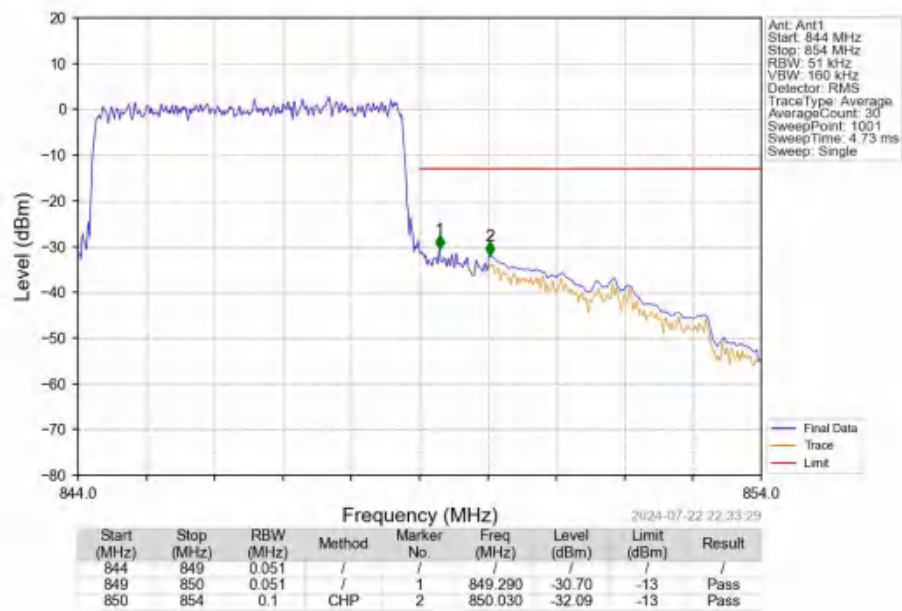
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



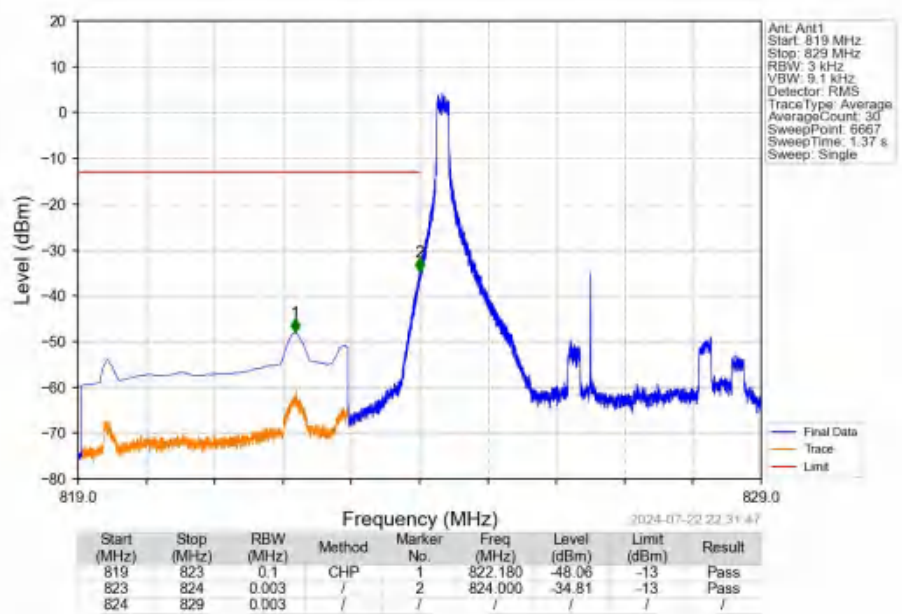
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



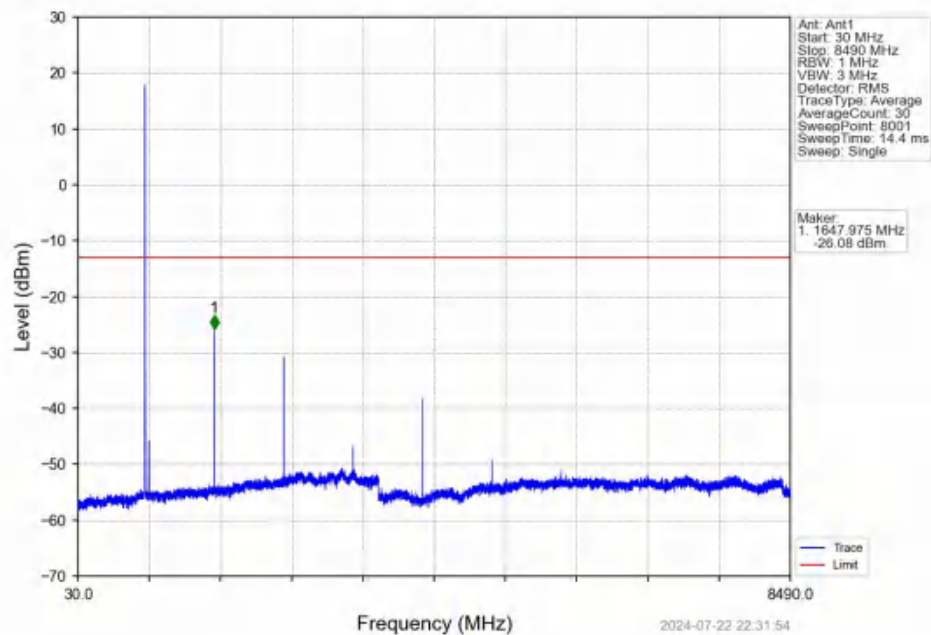
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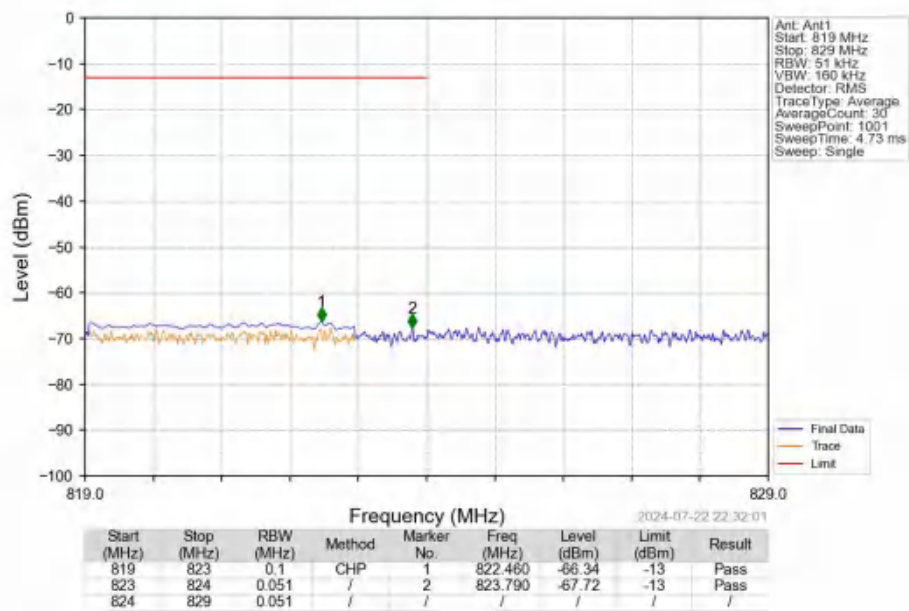
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



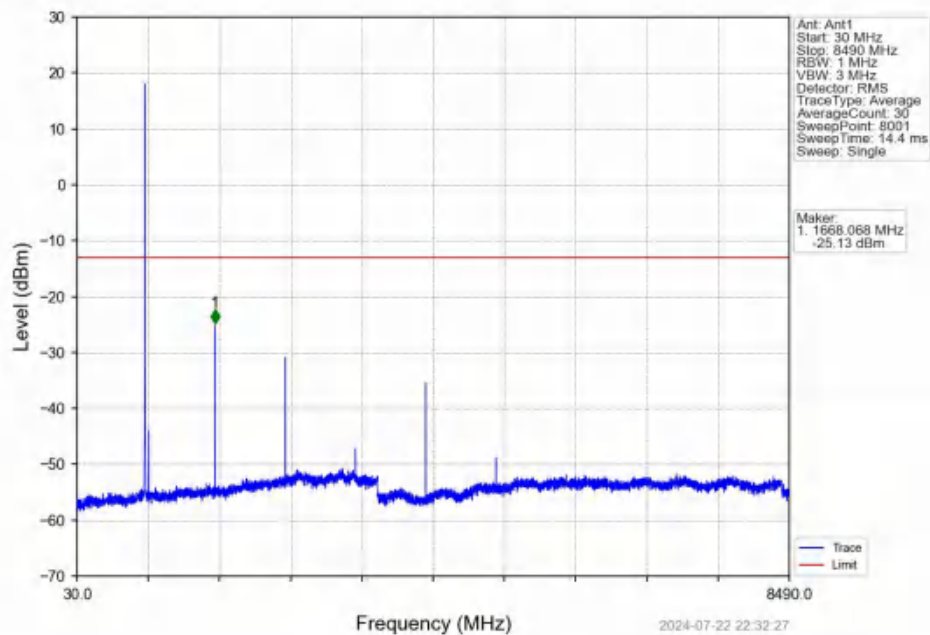
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



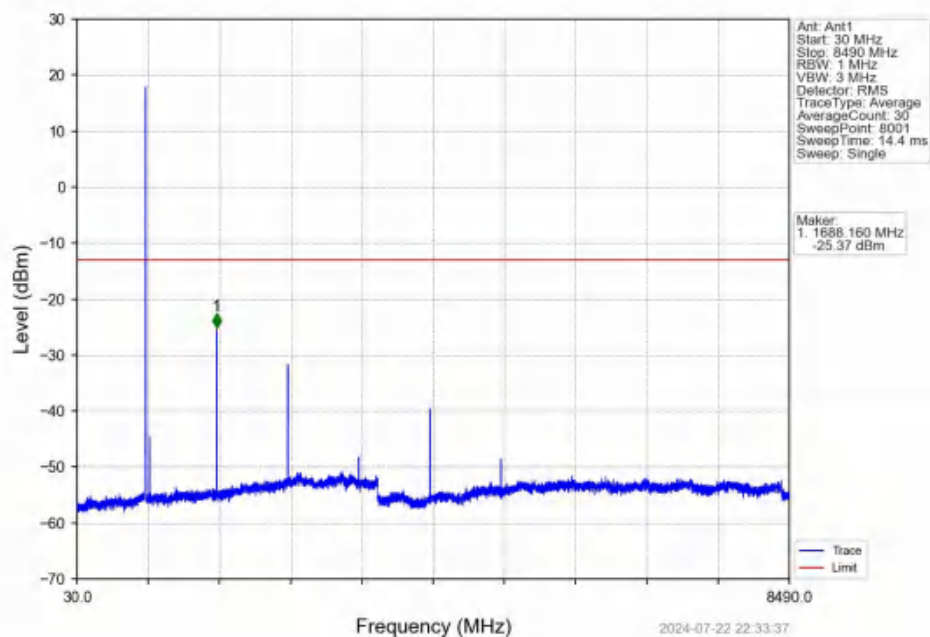
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



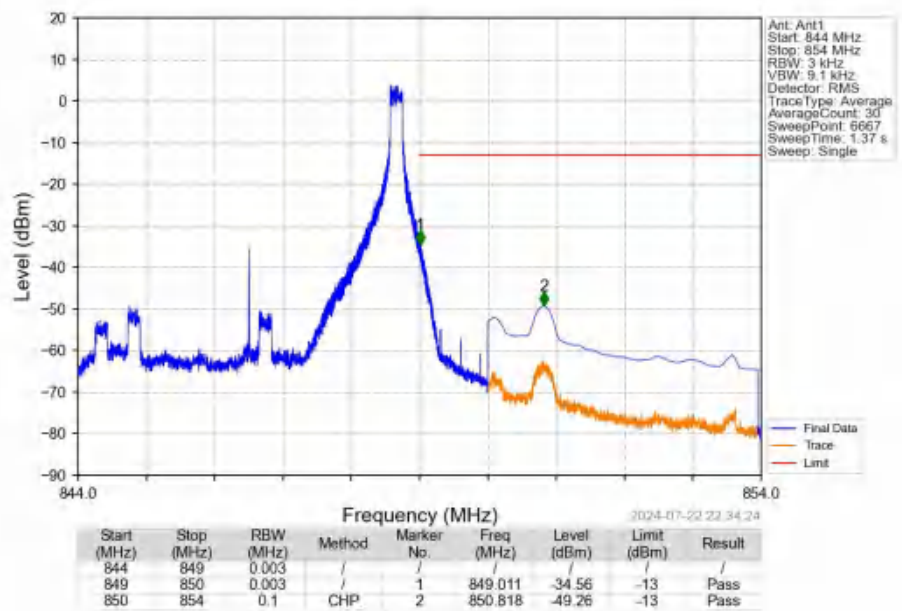
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



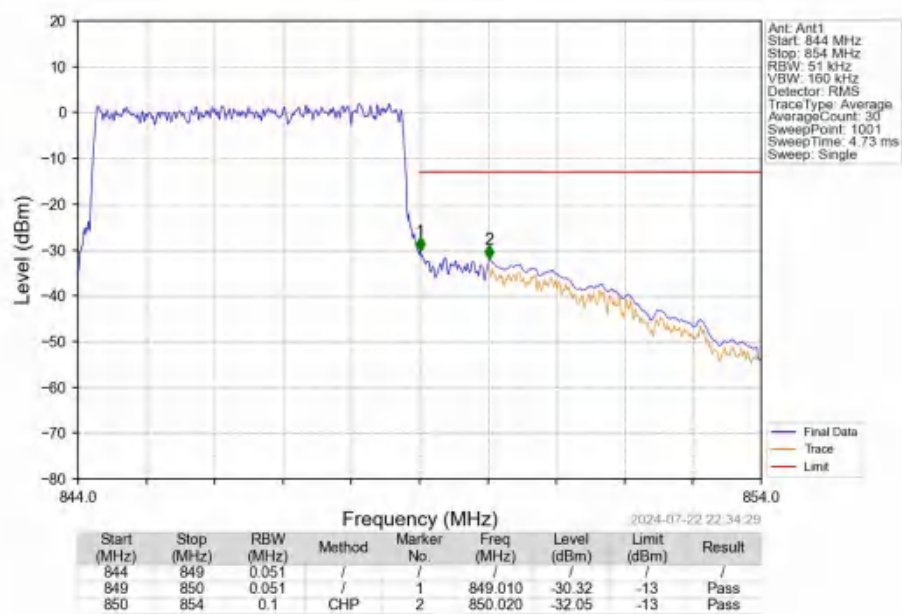
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



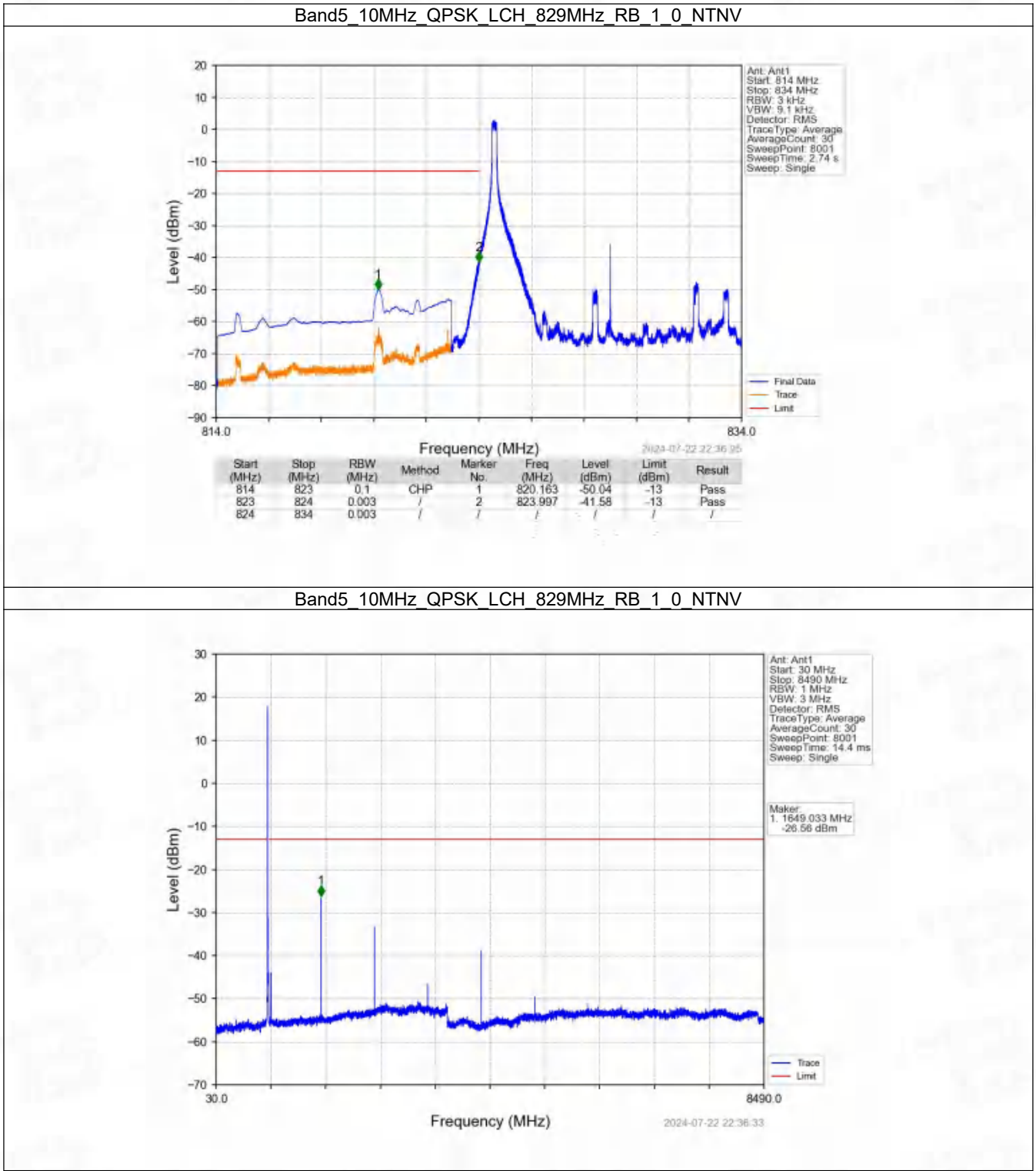
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



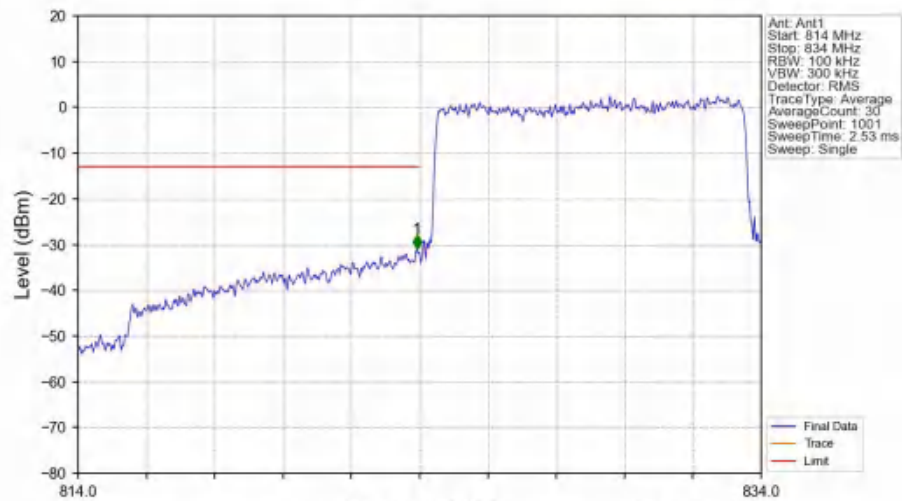
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



6.2.4 B5_10MHz

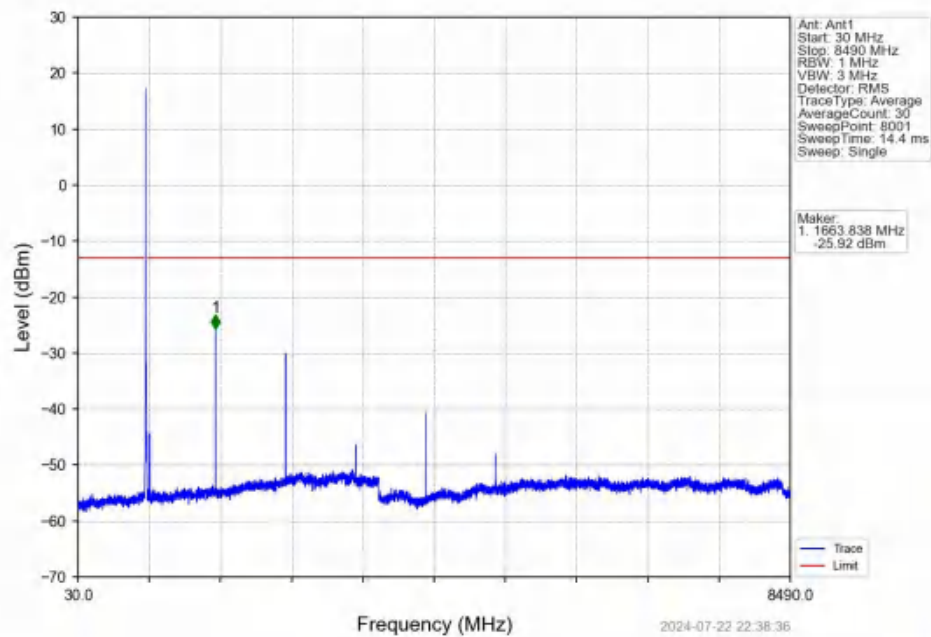


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

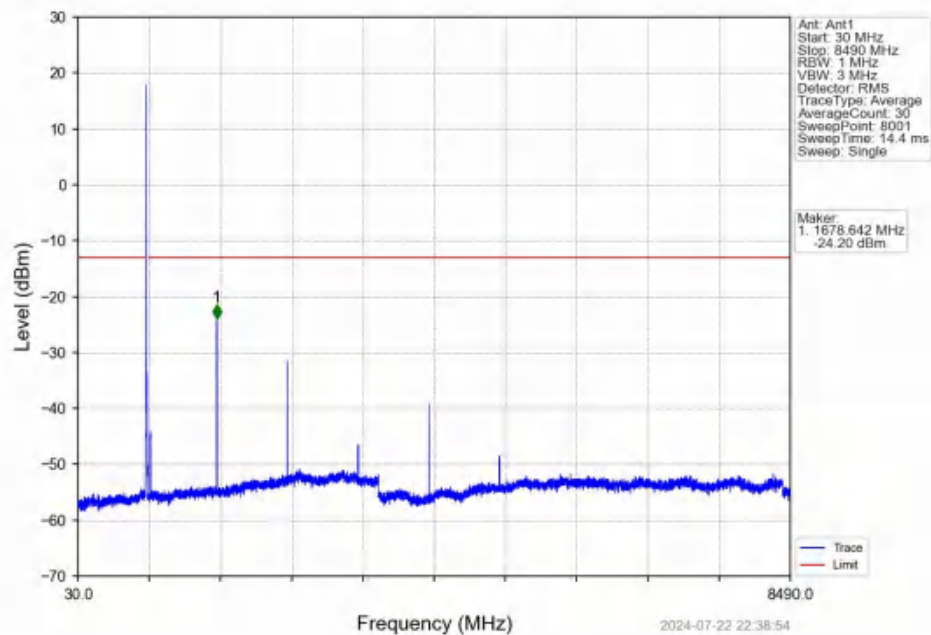


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.920	-30.97	-13	Pass
824	834	0.1	/	/	/	/	/	/

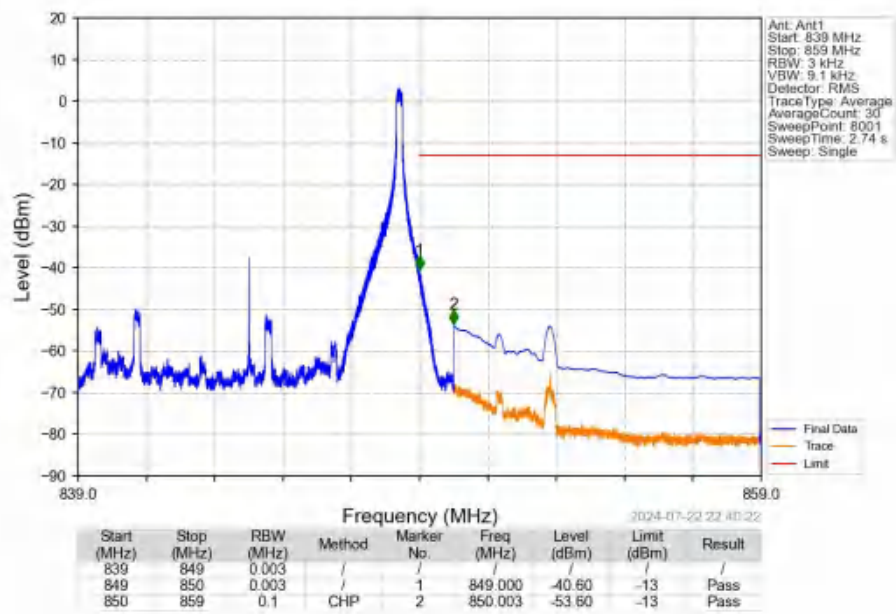
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



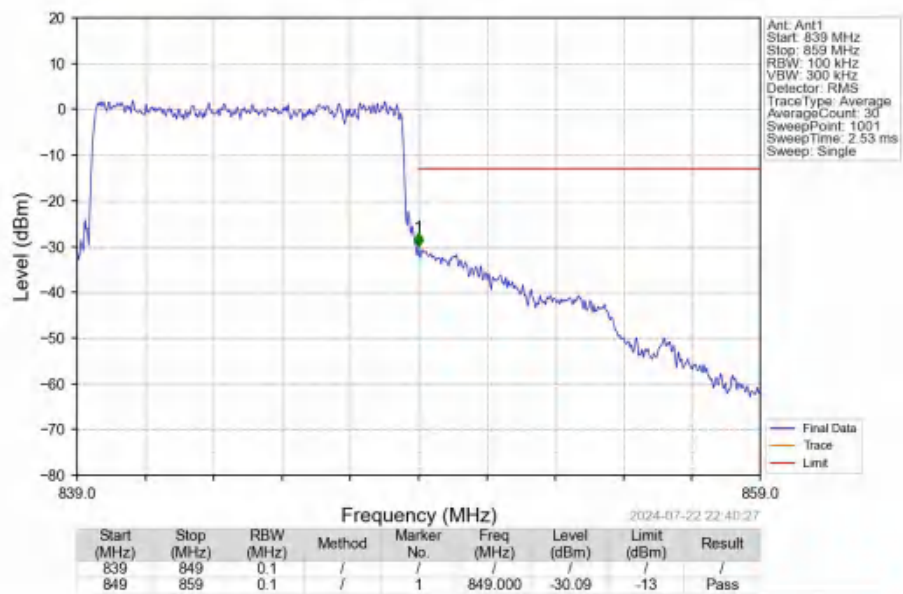
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



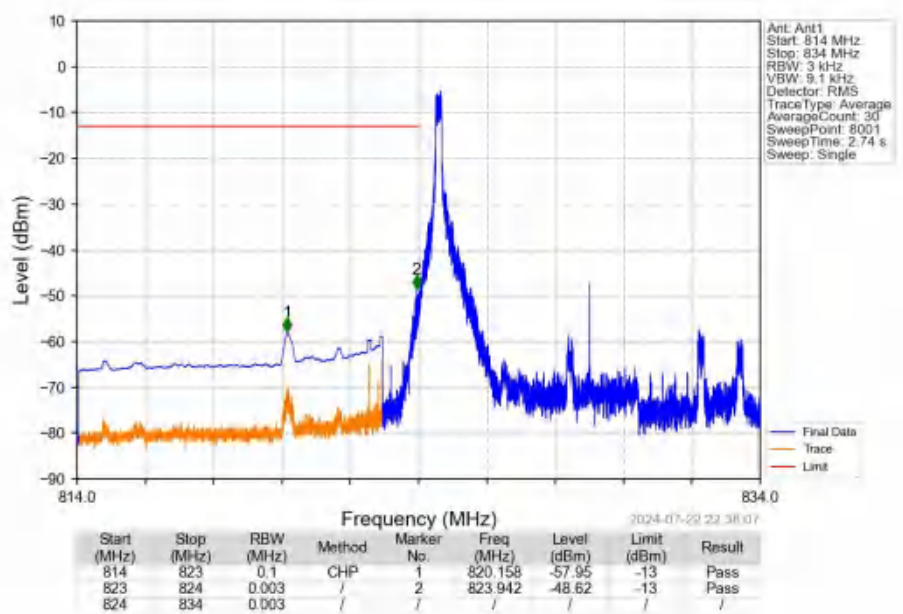
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



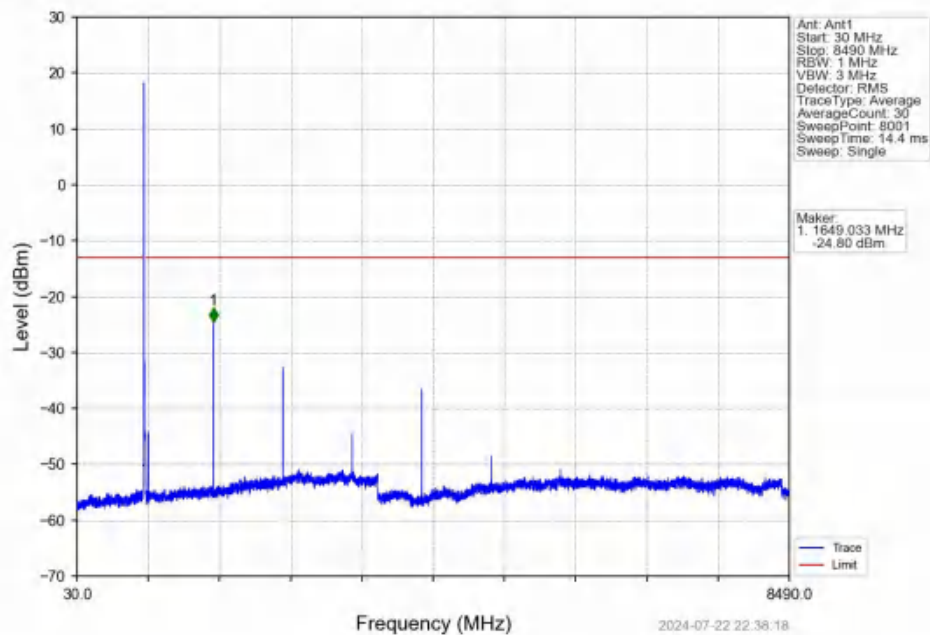
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



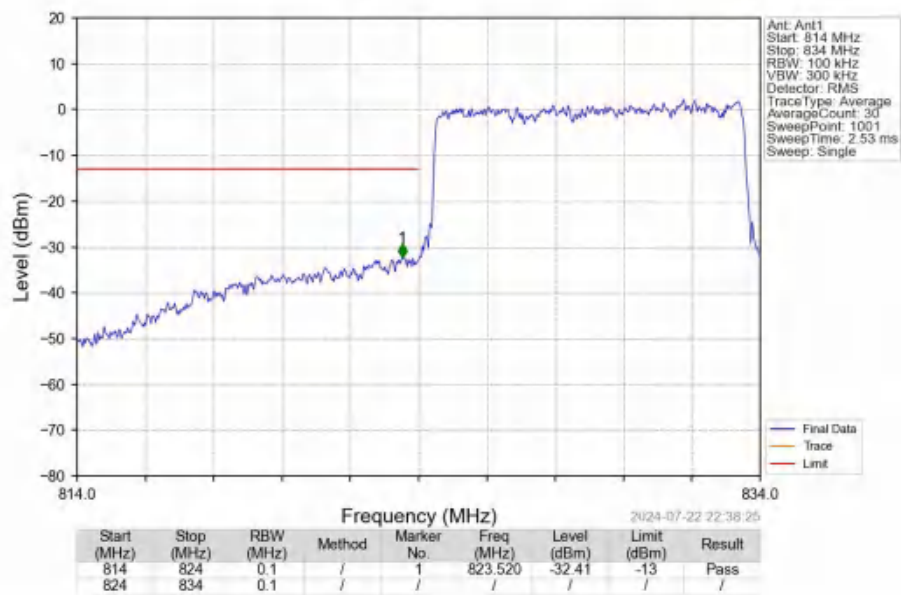
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



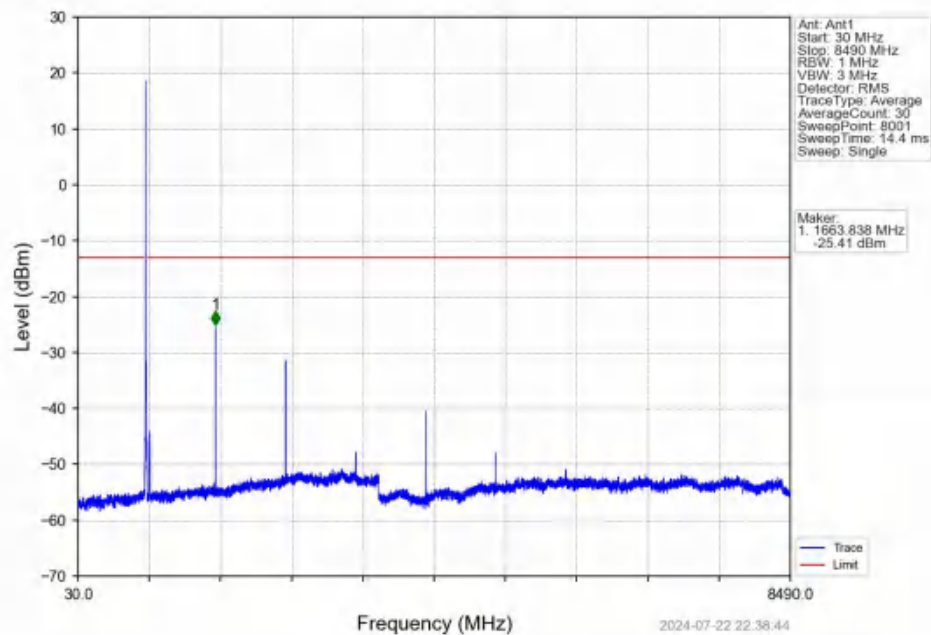
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



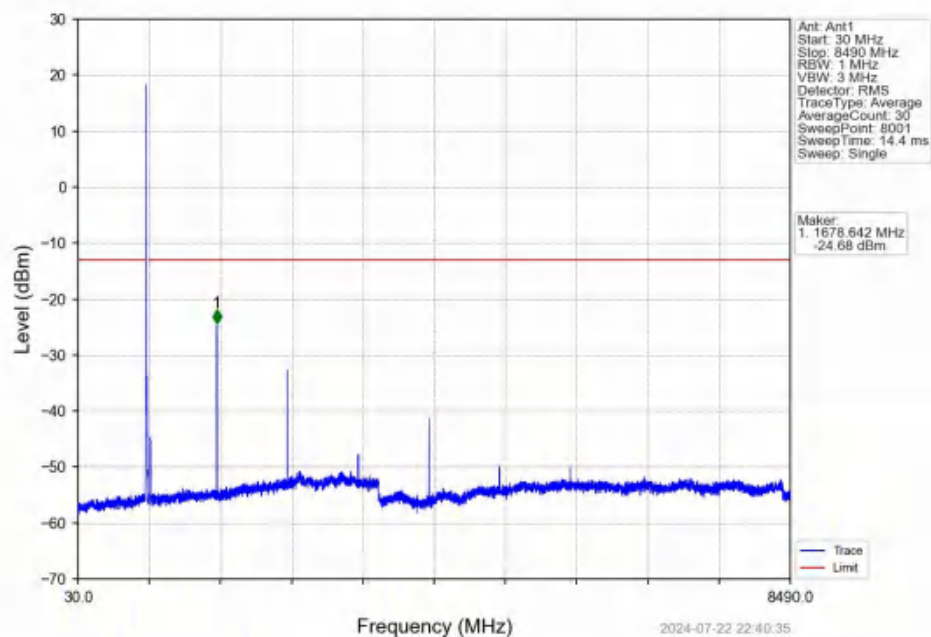
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



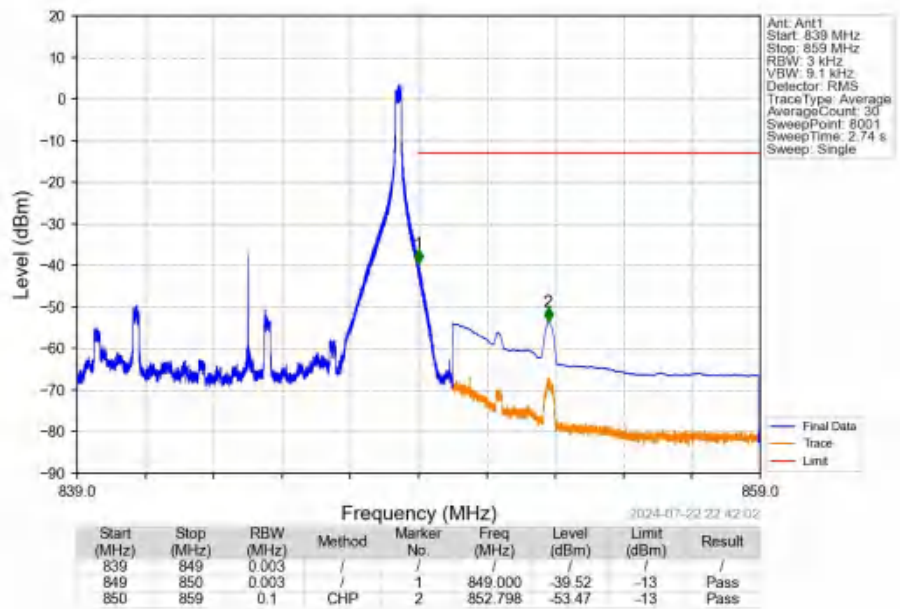
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



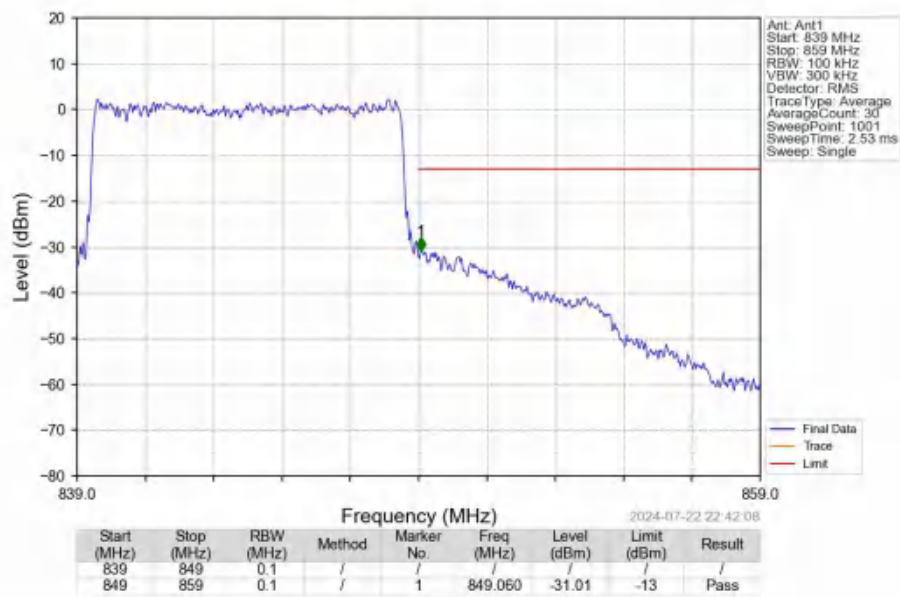
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



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	0.2004	0.0098	ppm	1M12G7D	22H	23.02
5	1.4	824.7	848.3	0.1042	0.0121	ppm	1M11W7D	22H	20.18
5	3	825.5	847.5	0.1007	0.0114	ppm	2M73G7D	22H	20.03
5	3	825.5	847.5	0.1127	0.0082	ppm	2M74W7D	22H	20.52
5	5	826.5	846.5	0.1021	0.0083	ppm	4M56G7D	22H	20.09
5	5	826.5	846.5	0.1076	0.0128	ppm	4M56W7D	22H	20.32
5	10	829	844	0.1033	0.0059	ppm	9M10G7D	22H	20.14
5	10	829	844	0.1035	0.0069	ppm	9M07W7D	22H	20.15

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	0.1146	0.0098	ppm	1M12G7D	22H	20.59
5	1.4	824.7	848.3	0.0596	0.0121	ppm	1M11W7D	22H	17.75
5	3	825.5	847.5	0.0575	0.0114	ppm	2M73G7D	22H	17.60
5	3	825.5	847.5	0.0644	0.0082	ppm	2M74W7D	22H	18.09
5	5	826.5	846.5	0.0583	0.0083	ppm	4M56G7D	22H	17.66
5	5	826.5	846.5	0.0615	0.0128	ppm	4M56W7D	22H	17.89
5	10	829	844	0.0590	0.0059	ppm	9M10G7D	22H	17.71
5	10	829	844	0.0592	0.0069	ppm	9M07W7D	22H	17.72