

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	21.45	-4.05	15.25	<=38.45	Pass
			2	21.42	-4.05	15.22	<=38.45	Pass
			5	21.47	-4.05	15.27	<=38.45	Pass
		3	0	21.57	-4.05	15.37	<=38.45	Pass
			2	21.47	-4.05	15.27	<=38.45	Pass
			3	21.40	-4.05	15.20	<=38.45	Pass
		6	0	20.46	-4.05	14.26	<=38.45	Pass
	836.5	1	0	21.37	-4.05	15.17	<=38.45	Pass
			2	21.44	-4.05	15.24	<=38.45	Pass
			5	21.40	-4.05	15.20	<=38.45	Pass
		3	0	21.40	-4.05	15.20	<=38.45	Pass
			2	21.51	-4.05	15.31	<=38.45	Pass
			3	21.34	-4.05	15.14	<=38.45	Pass
		6	0	20.40	-4.05	14.20	<=38.45	Pass
	848.3	1	0	21.49	-4.05	15.29	<=38.45	Pass
			2	21.47	-4.05	15.27	<=38.45	Pass
			5	21.47	-4.05	15.27	<=38.45	Pass
		3	0	21.52	-4.05	15.32	<=38.45	Pass
			2	21.35	-4.05	15.15	<=38.45	Pass
			3	21.36	-4.05	15.16	<=38.45	Pass
		6	0	20.43	-4.05	14.23	<=38.45	Pass
16QAM	824.7	1	0	20.61	-4.05	14.41	<=38.45	Pass
			2	20.53	-4.05	14.33	<=38.45	Pass
			5	20.62	-4.05	14.42	<=38.45	Pass
		3	0	20.53	-4.05	14.33	<=38.45	Pass
			2	20.49	-4.05	14.29	<=38.45	Pass
			3	20.45	-4.05	14.25	<=38.45	Pass
		6	0	20.12	-4.05	13.92	<=38.45	Pass
	836.5	1	0	20.44	-4.05	14.24	<=38.45	Pass
			2	20.58	-4.05	14.38	<=38.45	Pass
			5	20.47	-4.05	14.27	<=38.45	Pass
		3	0	20.36	-4.05	14.16	<=38.45	Pass
			2	20.24	-4.05	14.04	<=38.45	Pass
			3	20.29	-4.05	14.09	<=38.45	Pass
		6	0	19.57	-4.05	13.37	<=38.45	Pass
	848.3	1	0	19.94	-4.05	13.74	<=38.45	Pass
			2	19.85	-4.05	13.65	<=38.45	Pass
			5	19.86	-4.05	13.66	<=38.45	Pass
		3	0	20.11	-4.05	13.91	<=38.45	Pass
			2	20.04	-4.05	13.84	<=38.45	Pass
			3	19.97	-4.05	13.77	<=38.45	Pass
		6	0	20.01	-4.05	13.81	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	825.5	1	0	21.42	-4.05	15.22	<=38.45	Pass	
			7	21.46	-4.05	15.26	<=38.45	Pass	
			14	21.46	-4.05	15.26	<=38.45	Pass	
		8	0	20.47	-4.05	14.27	<=38.45	Pass	
			4	20.45	-4.05	14.25	<=38.45	Pass	
			7	20.89	-4.05	14.69	<=38.45	Pass	
		15	0	20.40	-4.05	14.20	<=38.45	Pass	
		836.5	1	0	21.52	-4.05	15.32	<=38.45	Pass
				7	21.49	-4.05	15.29	<=38.45	Pass
	14			21.48	-4.05	15.28	<=38.45	Pass	
	8		0	20.37	-4.05	14.17	<=38.45	Pass	
			4	20.55	-4.05	14.35	<=38.45	Pass	
			7	20.60	-4.05	14.40	<=38.45	Pass	
	15	0	20.47	-4.05	14.27	<=38.45	Pass		
	847.5	1	0	21.53	-4.05	15.33	<=38.45	Pass	
			7	21.52	-4.05	15.32	<=38.45	Pass	
			14	21.50	-4.05	15.30	<=38.45	Pass	
		8	0	20.50	-4.05	14.30	<=38.45	Pass	
			4	20.48	-4.05	14.28	<=38.45	Pass	
			7	20.48	-4.05	14.28	<=38.45	Pass	
		15	0	20.57	-4.05	14.37	<=38.45	Pass	
16QAM		825.5	1	0	20.53	-4.05	14.33	<=38.45	Pass
				7	20.50	-4.05	14.30	<=38.45	Pass
	14			20.76	-4.05	14.56	<=38.45	Pass	
	8		0	20.09	-4.05	13.89	<=38.45	Pass	
			4	20.16	-4.05	13.96	<=38.45	Pass	
			7	20.11	-4.05	13.91	<=38.45	Pass	
	15		0	19.98	-4.05	13.78	<=38.45	Pass	
	836.5	1	0	20.04	-4.05	13.84	<=38.45	Pass	
			7	20.11	-4.05	13.91	<=38.45	Pass	
			14	20.01	-4.05	13.81	<=38.45	Pass	
		8	0	20.12	-4.05	13.92	<=38.45	Pass	
			4	19.65	-4.05	13.45	<=38.45	Pass	
			7	19.63	-4.05	13.43	<=38.45	Pass	
	15	0	19.40	-4.05	13.20	<=38.45	Pass		
	847.5	1	0	21.29	-4.05	15.09	<=38.45	Pass	
			7	21.32	-4.05	15.12	<=38.45	Pass	
			14	21.18	-4.05	14.98	<=38.45	Pass	
		8	0	20.08	-4.05	13.88	<=38.45	Pass	
			4	20.04	-4.05	13.84	<=38.45	Pass	
			7	20.07	-4.05	13.87	<=38.45	Pass	
		15	0	20.01	-4.05	13.81	<=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	21.40	-4.05	15.20	<=38.45	Pass
			13	21.51	-4.05	15.31	<=38.45	Pass
			24	21.35	-4.05	15.15	<=38.45	Pass
		12	0	20.35	-4.05	14.15	<=38.45	Pass
			6	21.00	-4.05	14.80	<=38.45	Pass
			13	21.00	-4.05	14.80	<=38.45	Pass

		25	0	20.87	-4.05	14.67	<=38.45	Pass
	836.5	1	0	21.38	-4.05	15.18	<=38.45	Pass
			13	21.36	-4.05	15.16	<=38.45	Pass
			24	21.40	-4.05	15.20	<=38.45	Pass
			0	20.45	-4.05	14.25	<=38.45	Pass
		12	6	20.48	-4.05	14.28	<=38.45	Pass
			13	20.55	-4.05	14.35	<=38.45	Pass
			25	0	20.50	-4.05	14.30	<=38.45
	846.5	1	0	21.50	-4.05	15.30	<=38.45	Pass
			13	21.46	-4.05	15.26	<=38.45	Pass
			24	21.39	-4.05	15.19	<=38.45	Pass
			0	20.60	-4.05	14.40	<=38.45	Pass
		12	6	20.52	-4.05	14.32	<=38.45	Pass
			13	20.54	-4.05	14.34	<=38.45	Pass
			25	0	20.50	-4.05	14.30	<=38.45
16QAM	826.5	1	0	19.63	-4.05	13.43	<=38.45	Pass
			13	20.13	-4.05	13.93	<=38.45	Pass
			24	19.64	-4.05	13.44	<=38.45	Pass
		12	0	19.90	-4.05	13.70	<=38.45	Pass
			6	19.88	-4.05	13.68	<=38.45	Pass
			13	19.94	-4.05	13.74	<=38.45	Pass
		25	0	20.02	-4.05	13.82	<=38.45	Pass
	836.5	1	0	20.37	-4.05	14.17	<=38.45	Pass
			13	20.36	-4.05	14.16	<=38.45	Pass
			24	20.47	-4.05	14.27	<=38.45	Pass
		12	0	19.96	-4.05	13.76	<=38.45	Pass
			6	19.33	-4.05	13.13	<=38.45	Pass
			13	19.38	-4.05	13.18	<=38.45	Pass
		25	0	19.45	-4.05	13.25	<=38.45	Pass
	846.5	1	0	20.68	-4.05	14.48	<=38.45	Pass
			13	20.51	-4.05	14.31	<=38.45	Pass
			24	20.47	-4.05	14.27	<=38.45	Pass
		12	0	19.61	-4.05	13.41	<=38.45	Pass
			6	20.00	-4.05	13.80	<=38.45	Pass
			13	20.06	-4.05	13.86	<=38.45	Pass
		25	0	19.98	-4.05	13.78	<=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	21.48	-4.05	15.28	<=38.45	Pass
			25	21.50	-4.05	15.30	<=38.45	Pass
			49	21.43	-4.05	15.23	<=38.45	Pass
		25	0	20.87	-4.05	14.67	<=38.45	Pass
			13	20.58	-4.05	14.38	<=38.45	Pass
			25	20.47	-4.05	14.27	<=38.45	Pass
		50	0	20.52	-4.05	14.32	<=38.45	Pass
	836.5	1	0	21.54	-4.05	15.34	<=38.45	Pass
			25	21.46	-4.05	15.26	<=38.45	Pass
			49	21.57	-4.05	15.37	<=38.45	Pass
		25	0	20.45	-4.05	14.25	<=38.45	Pass
			13	20.54	-4.05	14.34	<=38.45	Pass
			25	20.52	-4.05	14.32	<=38.45	Pass
		50	0	20.60	-4.05	14.40	<=38.45	Pass

	844	1	0	21.54	-4.05	15.34	<=38.45	Pass		
			25	21.60	-4.05	15.40	<=38.45	Pass		
			49	21.54	-4.05	15.34	<=38.45	Pass		
		25	0	20.60	-4.05	14.40	<=38.45	Pass		
			13	20.98	-4.05	14.78	<=38.45	Pass		
			25	20.51	-4.05	14.31	<=38.45	Pass		
		50	0	20.84	-4.05	14.64	<=38.45	Pass		
		16QAM	829	1	0	20.98	-4.05	14.78	<=38.45	Pass
					25	20.90	-4.05	14.70	<=38.45	Pass
49	21.31				-4.05	15.11	<=38.45	Pass		
25	0			19.96	-4.05	13.76	<=38.45	Pass		
	13			19.53	-4.05	13.33	<=38.45	Pass		
	25			19.41	-4.05	13.21	<=38.45	Pass		
50	0			19.58	-4.05	13.38	<=38.45	Pass		
836.5	1			0	19.97	-4.05	13.77	<=38.45	Pass	
				25	20.00	-4.05	13.80	<=38.45	Pass	
			49	19.97	-4.05	13.77	<=38.45	Pass		
	25		0	20.10	-4.05	13.90	<=38.45	Pass		
			13	19.59	-4.05	13.39	<=38.45	Pass		
			25	19.72	-4.05	13.52	<=38.45	Pass		
	50		0	19.45	-4.05	13.25	<=38.45	Pass		
	844		1	0	20.67	-4.05	14.47	<=38.45	Pass	
				25	21.12	-4.05	14.92	<=38.45	Pass	
49				20.58	-4.05	14.38	<=38.45	Pass		
25			0	20.13	-4.05	13.93	<=38.45	Pass		
			13	20.10	-4.05	13.90	<=38.45	Pass		
			25	20.10	-4.05	13.90	<=38.45	Pass		
50			0	20.07	-4.05	13.87	<=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	-18.339	-0.0222	-2.5 to 2.5	Pass
					3.85	-34.032	-0.0413	-2.5 to 2.5	Pass
					4.43	-16.608	-0.0201	-2.5 to 2.5	Pass
				-30	3.85	7.439	0.0090	-2.5 to 2.5	Pass
				-20	3.85	-41.456	-0.0503	-2.5 to 2.5	Pass
				-10	3.85	-37.637	-0.0456	-2.5 to 2.5	Pass
				0	3.85	-29.554	-0.0358	-2.5 to 2.5	Pass
				10	3.85	-3.662	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-26.765	-0.0325	-2.5 to 2.5	Pass
				40	3.85	-18.983	-0.0230	-2.5 to 2.5	Pass
				50	3.85	-27.995	-0.0339	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	13.032	0.0156	-2.5 to 2.5	Pass
					3.85	-17.381	-0.0208	-2.5 to 2.5	Pass
					4.43	-20.843	-0.0249	-2.5 to 2.5	Pass
				-30	3.85	-14.920	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-5.436	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	11.287	0.0135	-2.5 to 2.5	Pass

				0	3.85	18.253	0.0218	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-20.299	-0.0243	-2.5 to 2.5	Pass
				40	3.85	-22.788	-0.0272	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	3.333	0.0039	-2.5 to 2.5	Pass
					3.85	14.906	0.0176	-2.5 to 2.5	Pass
					4.43	-10.500	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-28.195	-0.0332	-2.5 to 2.5	Pass
				-20	3.85	-40.598	-0.0479	-2.5 to 2.5	Pass
				-10	3.85	-20.943	-0.0247	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-9.756	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-24.505	-0.0289	-2.5 to 2.5	Pass
				40	3.85	-28.825	-0.0340	-2.5 to 2.5	Pass
				50	3.85	-37.823	-0.0446	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-39.725	-0.0482	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0025	-2.5 to 2.5	Pass
					4.43	-10.300	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-30.098	-0.0365	-2.5 to 2.5	Pass
				-20	3.85	6.509	0.0079	-2.5 to 2.5	Pass
				-10	3.85	2.446	0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.203	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-32.902	-0.0399	-2.5 to 2.5	Pass
				30	3.85	-26.078	-0.0316	-2.5 to 2.5	Pass
				40	3.85	-26.736	-0.0324	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	8.912	0.0107	-2.5 to 2.5	Pass
					3.85	-14.663	-0.0175	-2.5 to 2.5	Pass
					4.43	1.917	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-28.081	-0.0336	-2.5 to 2.5	Pass
				-20	3.85	-9.198	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-38.137	-0.0456	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				10	3.85	9.799	0.0117	-2.5 to 2.5	Pass
				30	3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
				40	3.85	7.668	0.0092	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-42.243	-0.0498	-2.5 to 2.5	Pass
					3.85	0.215	0.0003	-2.5 to 2.5	Pass
					4.43	0.415	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	7.195	0.0085	-2.5 to 2.5	Pass
				-10	3.85	-13.003	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-11.072	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-10.958	-0.0129	-2.5 to 2.5	Pass
				30	3.85	1.287	0.0015	-2.5 to 2.5	Pass
				40	3.85	-10.700	-0.0126	-2.5 to 2.5	Pass
				50	3.85	7.153	0.0084	-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	-14.205	-0.0172	-2.5 to 2.5	Pass
					3.85	-18.568	-0.0225	-2.5 to 2.5	Pass

					4.43	-32.845	-0.0398	-2.5 to 2.5	Pass
				-30	3.85	-40.870	-0.0495	-2.5 to 2.5	Pass
				-20	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-29.726	-0.0360	-2.5 to 2.5	Pass
				0	3.85	-25.635	-0.0311	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0040	-2.5 to 2.5	Pass
				30	3.85	12.116	0.0147	-2.5 to 2.5	Pass
				40	3.85	13.261	0.0161	-2.5 to 2.5	Pass
				50	3.85	9.456	0.0115	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-11.530	-0.0138	-2.5 to 2.5	Pass
					3.85	-13.833	-0.0165	-2.5 to 2.5	Pass
					4.43	-12.860	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-16.351	-0.0195	-2.5 to 2.5	Pass
				-20	3.85	-48.022	-0.0574	-2.5 to 2.5	Pass
				-10	3.85	10.571	0.0126	-2.5 to 2.5	Pass
				0	3.85	-19.913	-0.0238	-2.5 to 2.5	Pass
				10	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				30	3.85	-10.386	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-41.370	-0.0495	-2.5 to 2.5	Pass
				50	3.85	-13.762	-0.0165	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	5.994	0.0071	-2.5 to 2.5	Pass
					3.85	10.357	0.0122	-2.5 to 2.5	Pass
					4.43	9.398	0.0111	-2.5 to 2.5	Pass
				-30	3.85	-22.745	-0.0268	-2.5 to 2.5	Pass
				-20	3.85	1.388	0.0016	-2.5 to 2.5	Pass
				-10	3.85	2.890	0.0034	-2.5 to 2.5	Pass
				0	3.85	2.403	0.0028	-2.5 to 2.5	Pass
				10	3.85	3.991	0.0047	-2.5 to 2.5	Pass
				30	3.85	-23.904	-0.0282	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-6.280	-0.0074	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	0.529	0.0006	-2.5 to 2.5	Pass
					3.85	-12.374	-0.0150	-2.5 to 2.5	Pass
					4.43	0.672	0.0008	-2.5 to 2.5	Pass
				-30	3.85	6.795	0.0082	-2.5 to 2.5	Pass
				-20	3.85	9.284	0.0112	-2.5 to 2.5	Pass
				-10	3.85	-21.801	-0.0264	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0007	-2.5 to 2.5	Pass
				10	3.85	-29.054	-0.0352	-2.5 to 2.5	Pass
				30	3.85	-6.952	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-6.809	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-25.706	-0.0311	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.074	-0.0025	-2.5 to 2.5	Pass
					3.85	4.735	0.0057	-2.5 to 2.5	Pass
					4.43	12.259	0.0147	-2.5 to 2.5	Pass
				-30	3.85	18.511	0.0221	-2.5 to 2.5	Pass
				-20	3.85	1.230	0.0015	-2.5 to 2.5	Pass
				-10	3.85	21.472	0.0257	-2.5 to 2.5	Pass
				0	3.85	20.070	0.0240	-2.5 to 2.5	Pass
				10	3.85	24.548	0.0293	-2.5 to 2.5	Pass
				30	3.85	30.541	0.0365	-2.5 to 2.5	Pass
				40	3.85	3.734	0.0045	-2.5 to 2.5	Pass
				50	3.85	22.459	0.0268	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-0.858	-0.0010	-2.5 to 2.5	Pass
					3.85	4.005	0.0047	-2.5 to 2.5	Pass
					4.43	-11.244	-0.0133	-2.5 to 2.5	Pass
				-30	3.85	3.390	0.0040	-2.5 to 2.5	Pass
				-20	3.85	11.330	0.0134	-2.5 to 2.5	Pass
				-10	3.85	12.746	0.0150	-2.5 to 2.5	Pass

				0	3.85	15.092	0.0178	-2.5 to 2.5	Pass
				10	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-21.601	-0.0255	-2.5 to 2.5	Pass
				40	3.85	-35.162	-0.0415	-2.5 to 2.5	Pass
				50	3.85	-19.612	-0.0231	-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	-10.414	-0.0126	-2.5 to 2.5	Pass
					3.85	-9.956	-0.0120	-2.5 to 2.5	Pass
					4.43	-28.067	-0.0340	-2.5 to 2.5	Pass
				-30	3.85	-23.060	-0.0279	-2.5 to 2.5	Pass
				-20	3.85	-31.800	-0.0385	-2.5 to 2.5	Pass
				-10	3.85	-20.199	-0.0244	-2.5 to 2.5	Pass
				0	3.85	-9.270	-0.0112	-2.5 to 2.5	Pass
				10	3.85	-37.007	-0.0448	-2.5 to 2.5	Pass
				30	3.85	-15.664	-0.0190	-2.5 to 2.5	Pass
				40	3.85	-43.373	-0.0525	-2.5 to 2.5	Pass
				50	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-6.967	-0.0083	-2.5 to 2.5	Pass
					3.85	-16.766	-0.0200	-2.5 to 2.5	Pass
					4.43	-37.179	-0.0444	-2.5 to 2.5	Pass
				-30	3.85	-14.405	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-18.897	-0.0226	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0015	-2.5 to 2.5	Pass
				0	3.85	-16.537	-0.0198	-2.5 to 2.5	Pass
				10	3.85	-29.039	-0.0347	-2.5 to 2.5	Pass
				30	3.85	-45.705	-0.0546	-2.5 to 2.5	Pass
				40	3.85	-7.367	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-16.236	-0.0194	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	1.988	0.0023	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
					4.43	-14.691	-0.0174	-2.5 to 2.5	Pass
				-30	3.85	14.920	0.0176	-2.5 to 2.5	Pass
				-20	3.85	-15.049	-0.0178	-2.5 to 2.5	Pass
				-10	3.85	-25.434	-0.0300	-2.5 to 2.5	Pass
				0	3.85	-40.398	-0.0477	-2.5 to 2.5	Pass
				10	3.85	-5.236	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-12.088	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-20.356	-0.0240	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-31.829	-0.0385	-2.5 to 2.5	Pass
					3.85	-40.040	-0.0484	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-7.911	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-14.076	-0.0170	-2.5 to 2.5	Pass
				-10	3.85	-22.974	-0.0278	-2.5 to 2.5	Pass
				0	3.85	-22.445	-0.0272	-2.5 to 2.5	Pass
				10	3.85	-34.347	-0.0416	-2.5 to 2.5	Pass
				30	3.85	-42.429	-0.0513	-2.5 to 2.5	Pass
				40	3.85	-11.988	-0.0145	-2.5 to 2.5	Pass
				50	3.85	-20.757	-0.0251	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-28.067	-0.0336	-2.5 to 2.5	Pass
					3.85	-27.080	-0.0324	-2.5 to 2.5	Pass

					4.43	-33.045	-0.0395	-2.5 to 2.5	Pass
				-30	3.85	-30.198	-0.0361	-2.5 to 2.5	Pass
				-20	3.85	-7.710	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-31.700	-0.0379	-2.5 to 2.5	Pass
				0	3.85	-10.328	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-30.241	-0.0362	-2.5 to 2.5	Pass
				30	3.85	-37.880	-0.0453	-2.5 to 2.5	Pass
				40	3.85	-13.075	-0.0156	-2.5 to 2.5	Pass
				50	3.85	-28.639	-0.0342	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-29.154	-0.0344	-2.5 to 2.5	Pass
					3.85	-31.786	-0.0375	-2.5 to 2.5	Pass
					4.43	-32.029	-0.0378	-2.5 to 2.5	Pass
				-30	3.85	-38.867	-0.0459	-2.5 to 2.5	Pass
				-20	3.85	-40.698	-0.0481	-2.5 to 2.5	Pass
				-10	3.85	3.805	0.0045	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-14.634	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-19.255	-0.0227	-2.5 to 2.5	Pass
				40	3.85	-16.737	-0.0198	-2.5 to 2.5	Pass
				50	3.85	-27.280	-0.0322	-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	11.888	0.0143	-2.5 to 2.5	Pass
					3.85	-20.084	-0.0242	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-11.172	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-39.983	-0.0482	-2.5 to 2.5	Pass
				-10	3.85	-18.067	-0.0218	-2.5 to 2.5	Pass
				0	3.85	-28.009	-0.0338	-2.5 to 2.5	Pass
				10	3.85	-15.221	-0.0184	-2.5 to 2.5	Pass
				30	3.85	-41.971	-0.0506	-2.5 to 2.5	Pass
				40	3.85	2.275	0.0027	-2.5 to 2.5	Pass
	836.5	50	0	50	3.85	25.034	0.0302	-2.5 to 2.5	Pass
				20	3.27	6.909	0.0083	-2.5 to 2.5	Pass
					3.85	16.079	0.0192	-2.5 to 2.5	Pass
					4.43	14.448	0.0173	-2.5 to 2.5	Pass
				-30	3.85	26.579	0.0318	-2.5 to 2.5	Pass
				-20	3.85	9.098	0.0109	-2.5 to 2.5	Pass
				-10	3.85	41.113	0.0491	-2.5 to 2.5	Pass
				0	3.85	21.586	0.0258	-2.5 to 2.5	Pass
				10	3.85	-22.845	-0.0273	-2.5 to 2.5	Pass
				30	3.85	-14.133	-0.0169	-2.5 to 2.5	Pass
	844	50	0	40	3.85	3.333	0.0040	-2.5 to 2.5	Pass
				50	3.85	-7.024	-0.0084	-2.5 to 2.5	Pass
				20	3.27	-14.391	-0.0171	-2.5 to 2.5	Pass
					3.85	13.890	0.0165	-2.5 to 2.5	Pass
					4.43	6.151	0.0073	-2.5 to 2.5	Pass
				-30	3.85	-6.008	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	17.395	0.0206	-2.5 to 2.5	Pass
				-10	3.85	8.111	0.0096	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0042	-2.5 to 2.5	Pass
				10	3.85	21.172	0.0251	-2.5 to 2.5	Pass
				30	3.85	22.087	0.0262	-2.5 to 2.5	Pass

16QAM	829	50	0	40	3.85	4.220	0.0050	-2.5 to 2.5	Pass
				50	3.85	16.294	0.0193	-2.5 to 2.5	Pass
				20	3.27	-7.639	-0.0092	-2.5 to 2.5	Pass
					3.85	-10.757	-0.0130	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-20.313	-0.0245	-2.5 to 2.5	Pass
				-20	3.85	-27.452	-0.0331	-2.5 to 2.5	Pass
				-10	3.85	-16.494	-0.0199	-2.5 to 2.5	Pass
				0	3.85	-26.608	-0.0321	-2.5 to 2.5	Pass
				10	3.85	-31.929	-0.0385	-2.5 to 2.5	Pass
	836.5	50	0	30	3.85	-32.816	-0.0396	-2.5 to 2.5	Pass
				40	3.85	-41.084	-0.0496	-2.5 to 2.5	Pass
				50	3.85	-43.902	-0.0530	-2.5 to 2.5	Pass
				20	3.27	-11.802	-0.0141	-2.5 to 2.5	Pass
					3.85	20.456	0.0245	-2.5 to 2.5	Pass
					4.43	22.016	0.0263	-2.5 to 2.5	Pass
				-30	3.85	12.345	0.0148	-2.5 to 2.5	Pass
				-20	3.85	-13.633	-0.0163	-2.5 to 2.5	Pass
				-10	3.85	-3.119	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-12.946	-0.0155	-2.5 to 2.5	Pass
	844	50	0	10	3.85	8.397	0.0100	-2.5 to 2.5	Pass
				30	3.85	28.739	0.0344	-2.5 to 2.5	Pass
				40	3.85	13.647	0.0163	-2.5 to 2.5	Pass
				50	3.85	11.501	0.0137	-2.5 to 2.5	Pass
				20	3.27	29.726	0.0352	-2.5 to 2.5	Pass
					3.85	23.704	0.0281	-2.5 to 2.5	Pass
					4.43	23.489	0.0278	-2.5 to 2.5	Pass
				-30	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-12.074	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-19.827	-0.0235	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.875	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-24.376	-0.0289	-2.5 to 2.5	Pass
				40	3.85	-8.597	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-6.981	-0.0083	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTVN						
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

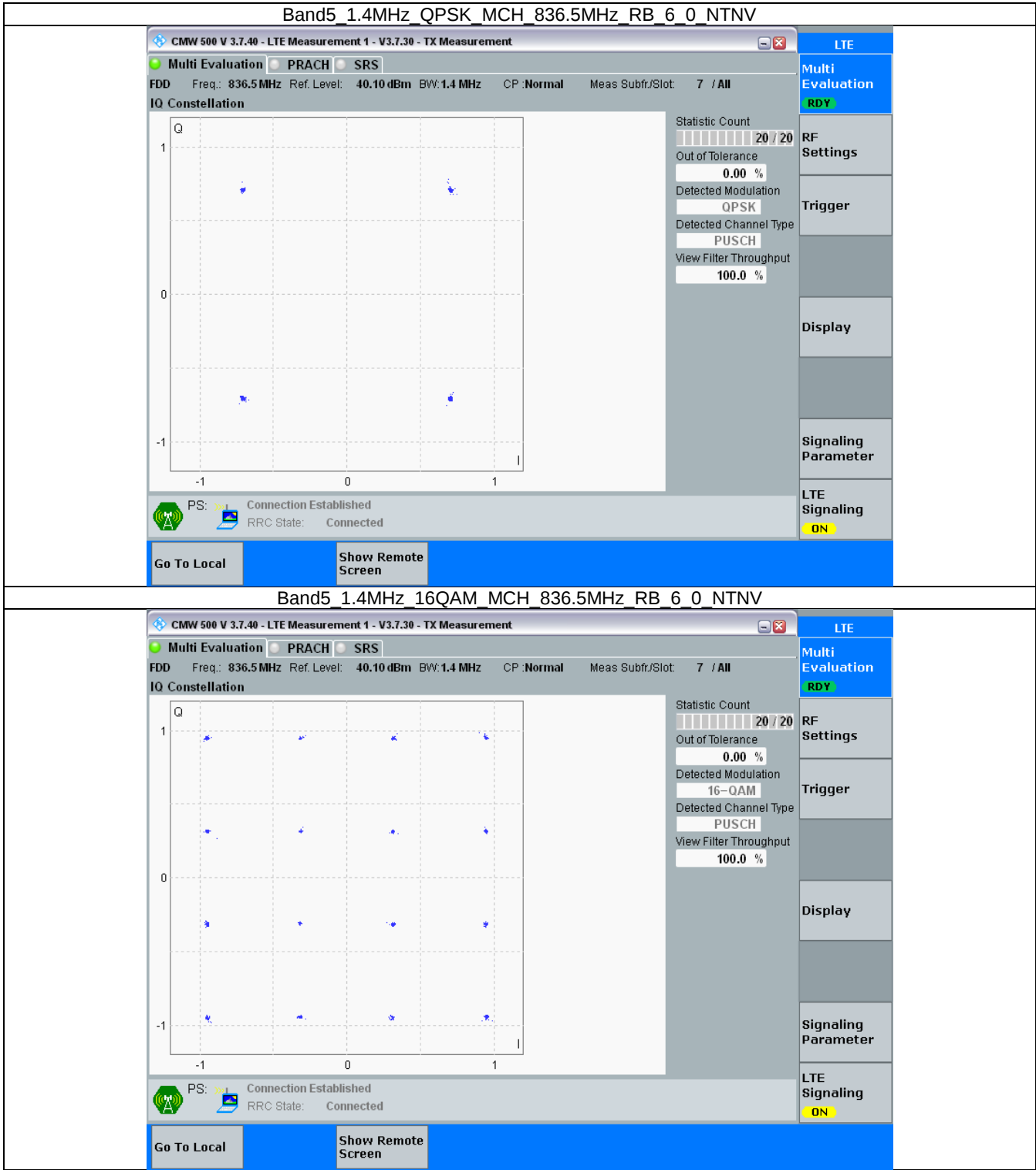
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

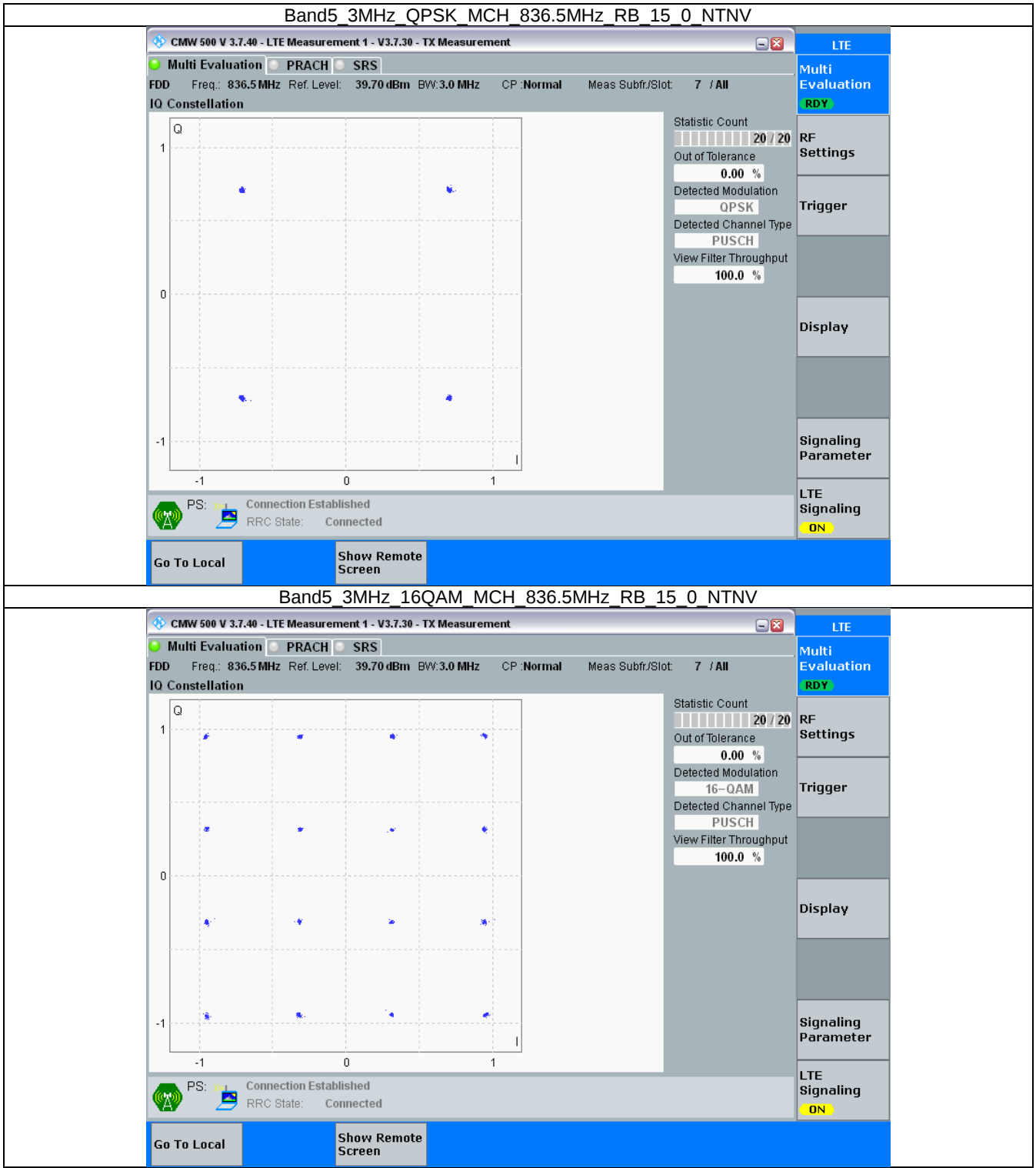
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

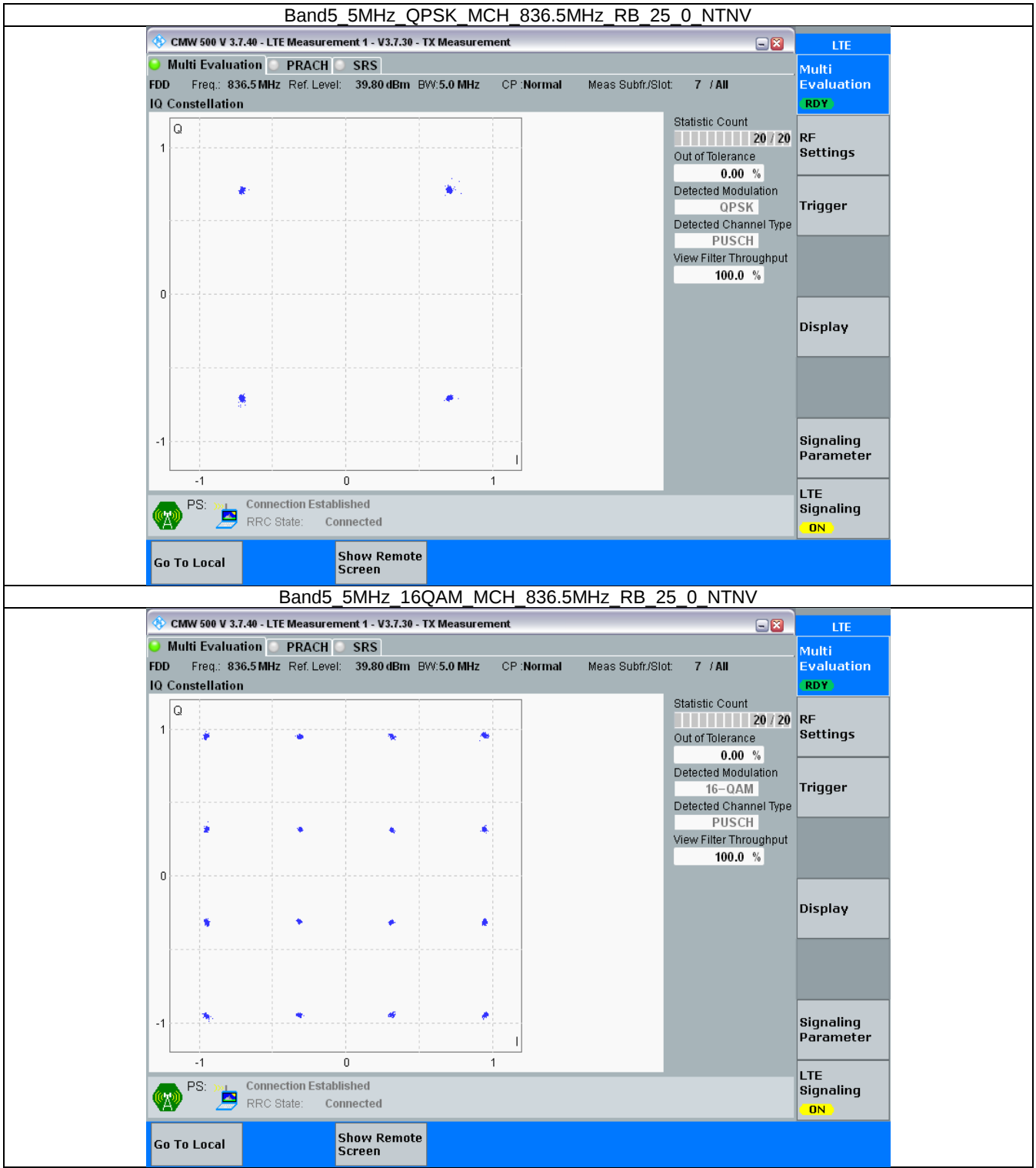
3.2.1 B5_1.4MHz



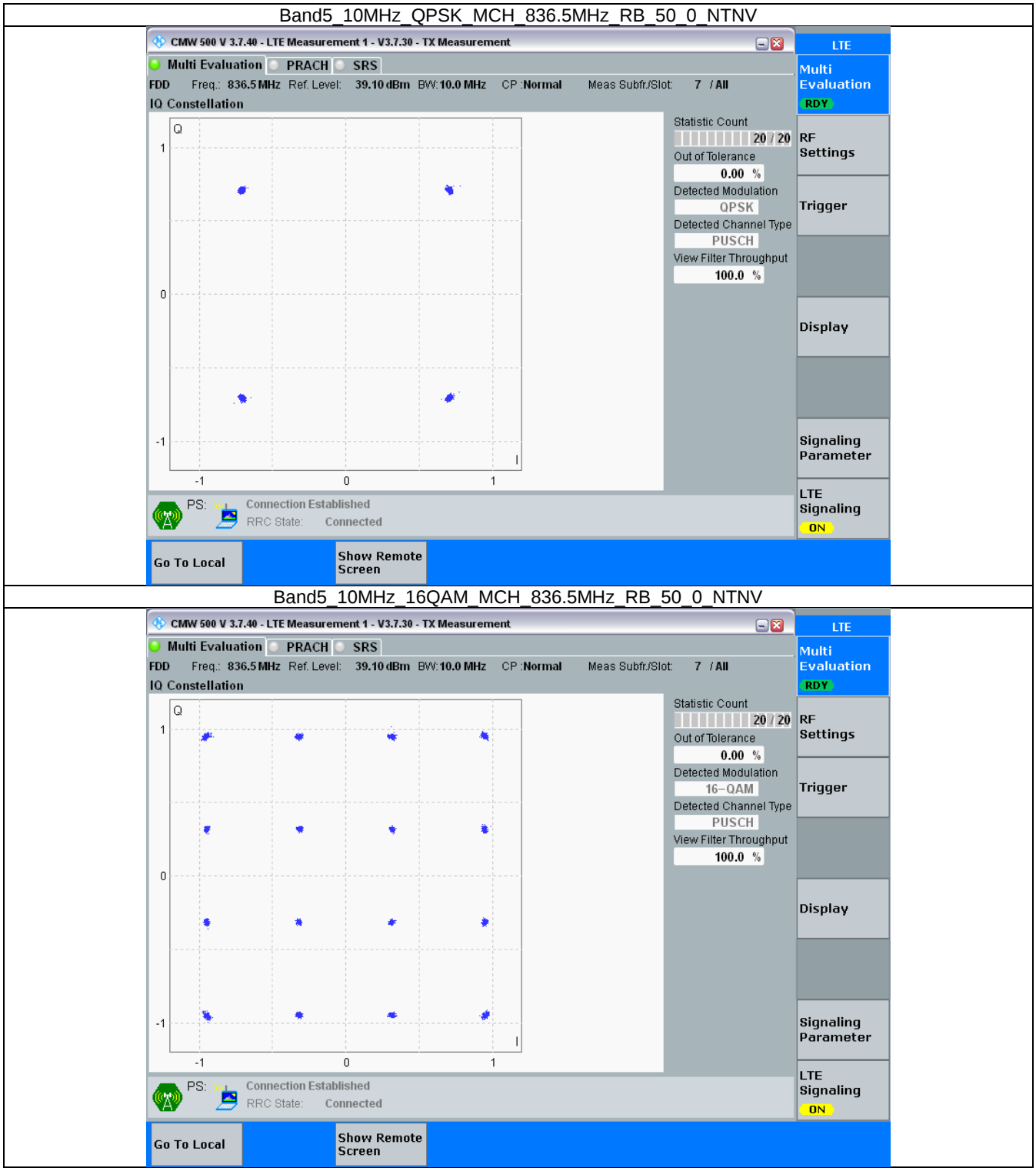
3.2.2 B5_3MHz



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 / NTN							
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	1.116	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.118	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.110	/	Pass
3	QPSK	825.5	15	0	2.735	/	Pass
		836.5	15	0	2.726	/	Pass
		847.5	15	0	2.744	/	Pass
	16QAM	825.5	15	0	2.759	/	Pass
		836.5	15	0	2.747	/	Pass
		847.5	15	0	2.746	/	Pass
5	QPSK	826.5	25	0	4.545	/	Pass
		836.5	25	0	4.556	/	Pass
		846.5	25	0	4.580	/	Pass
	16QAM	826.5	25	0	4.558	/	Pass
		836.5	25	0	4.570	/	Pass
		846.5	25	0	4.561	/	Pass
10	QPSK	829	50	0	9.088	/	Pass
		836.5	50	0	9.058	/	Pass
		844	50	0	9.088	/	Pass
	16QAM	829	50	0	9.056	/	Pass
		836.5	50	0	9.066	/	Pass
		844	50	0	9.038	/	Pass

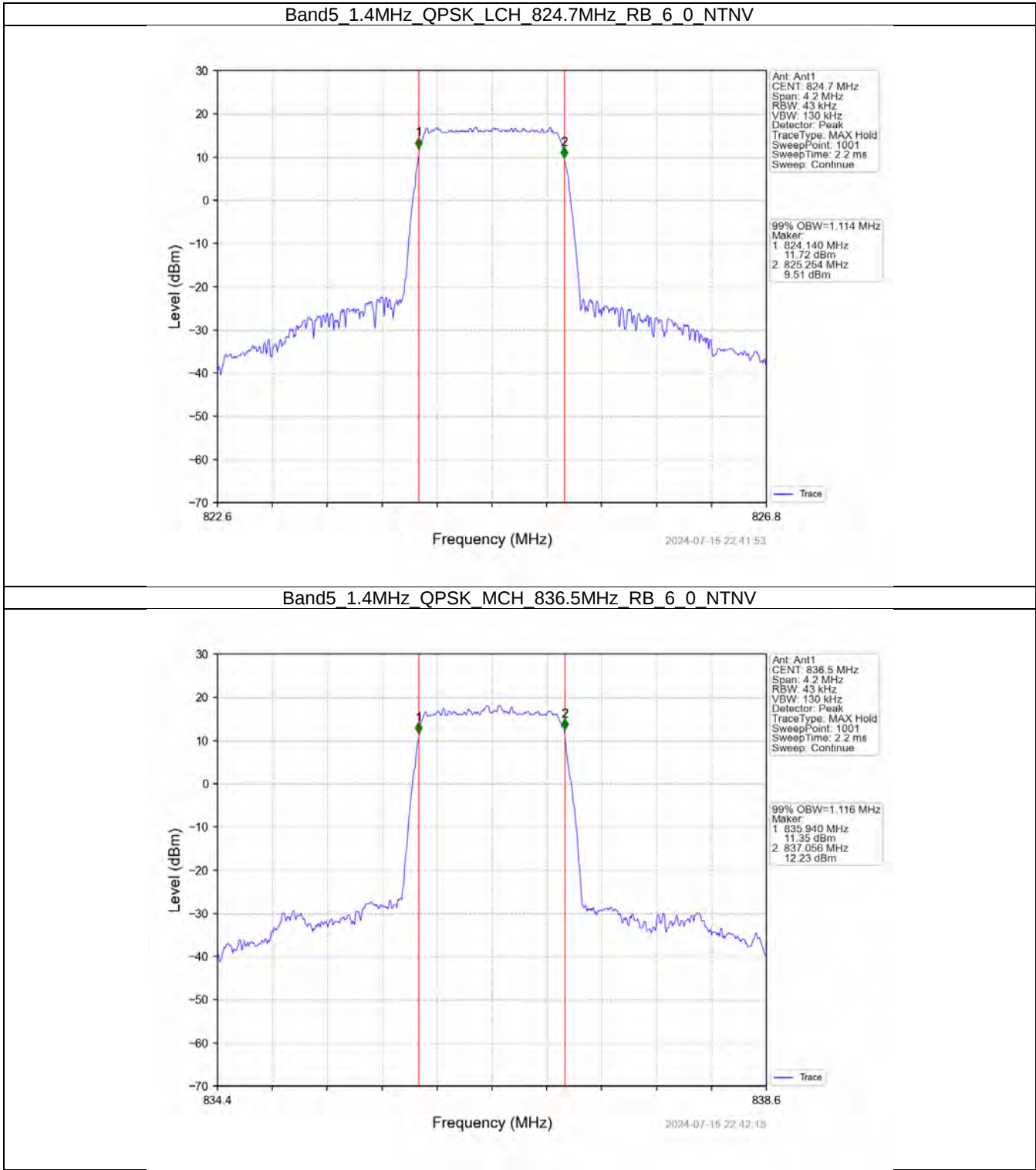
4.1.2 Band5_XDB

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.272	/	Pass
		836.5	6	0	1.273	/	Pass
		848.3	6	0	1.276	/	Pass
	16QAM	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.279	/	Pass
		848.3	6	0	1.275	/	Pass
3	QPSK	825.5	15	0	2.995	/	Pass
		836.5	15	0	2.980	/	Pass
		847.5	15	0	3.111	/	Pass
	16QAM	825.5	15	0	3.100	/	Pass
		836.5	15	0	3.108	/	Pass
		847.5	15	0	3.096	/	Pass
5	QPSK	826.5	25	0	5.033	/	Pass
		836.5	25	0	5.059	/	Pass
		846.5	25	0	5.035	/	Pass

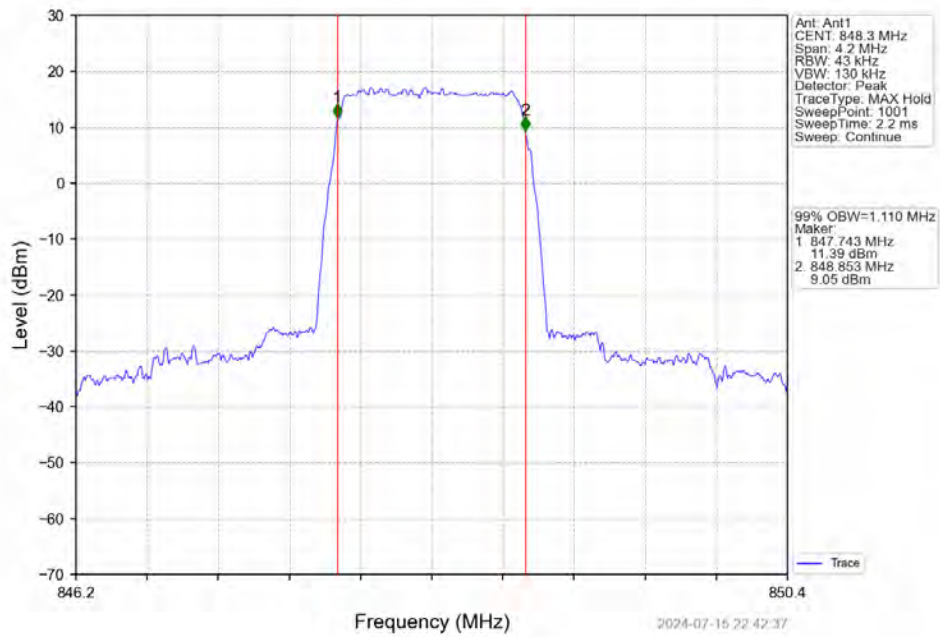
	16QAM	826.5	25	0	5.051	/	Pass
		836.5	25	0	5.078	/	Pass
		846.5	25	0	5.044	/	Pass
10	QPSK	829	50	0	10.022	/	Pass
		836.5	50	0	10.057	/	Pass
		844	50	0	10.040	/	Pass
	16QAM	829	50	0	10.012	/	Pass
		836.5	50	0	10.112	/	Pass
		844	50	0	10.023	/	Pass

4.2 Test Graph

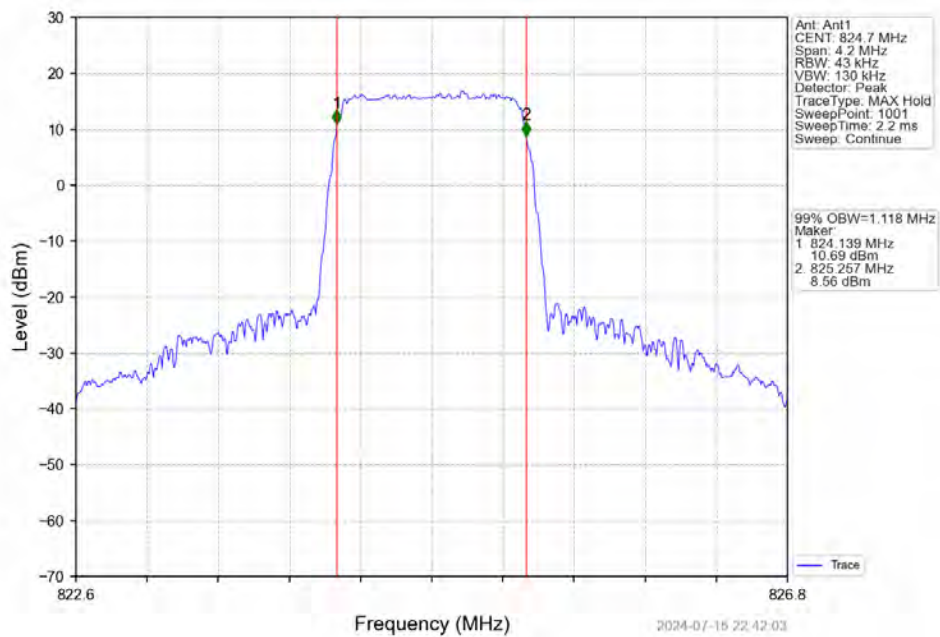
4.2.1 Band5_OBW



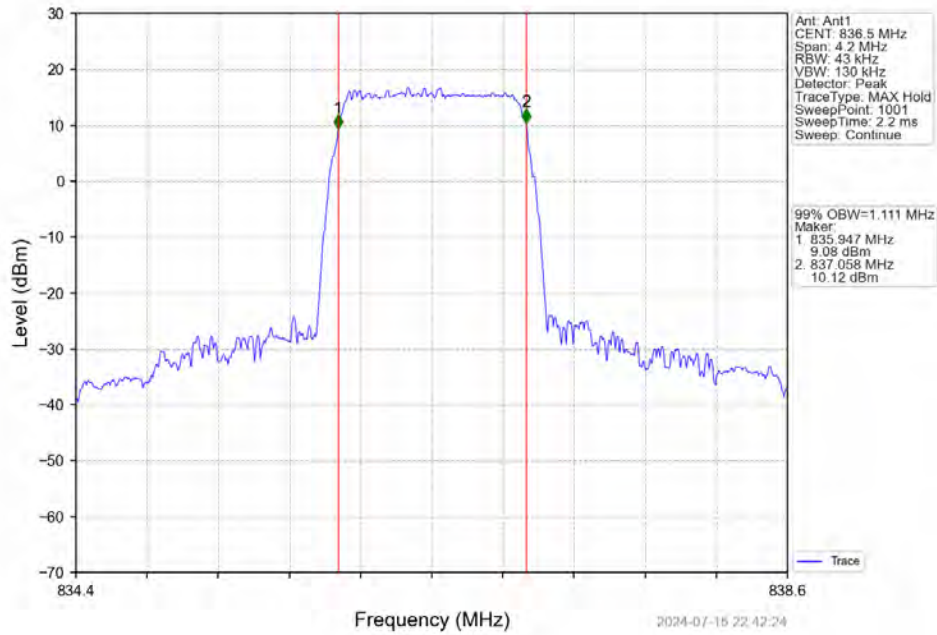
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



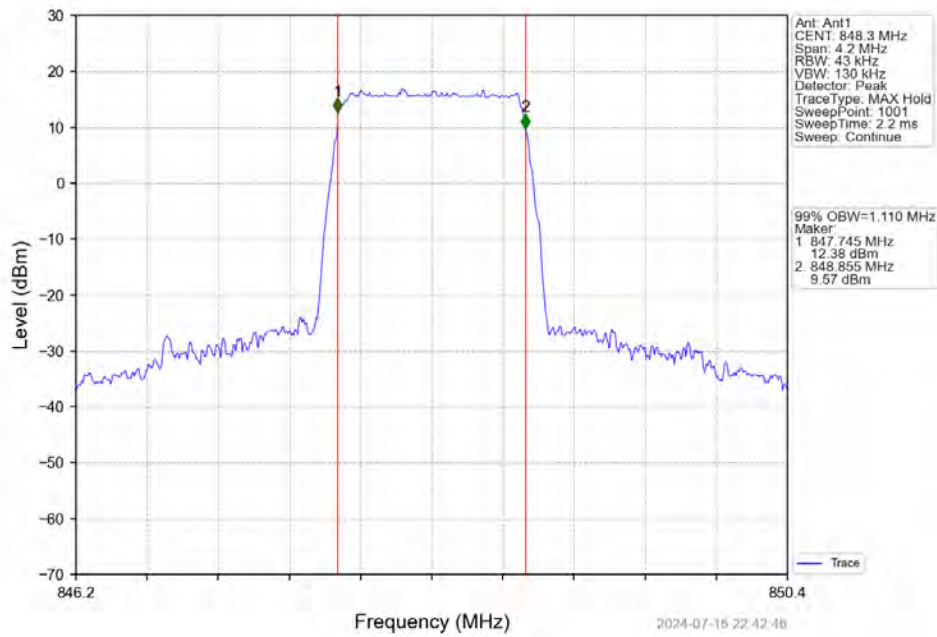
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



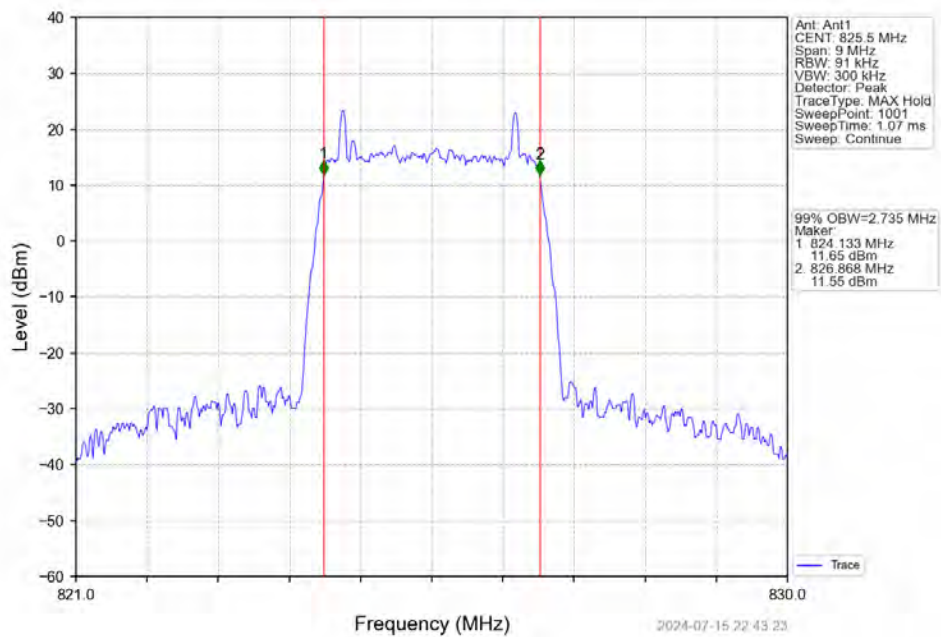
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



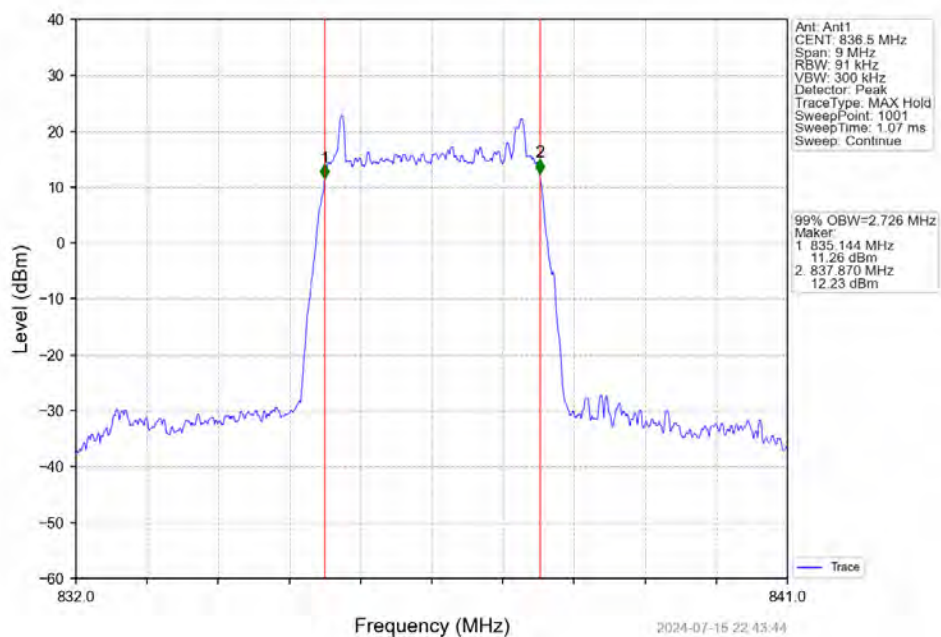
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



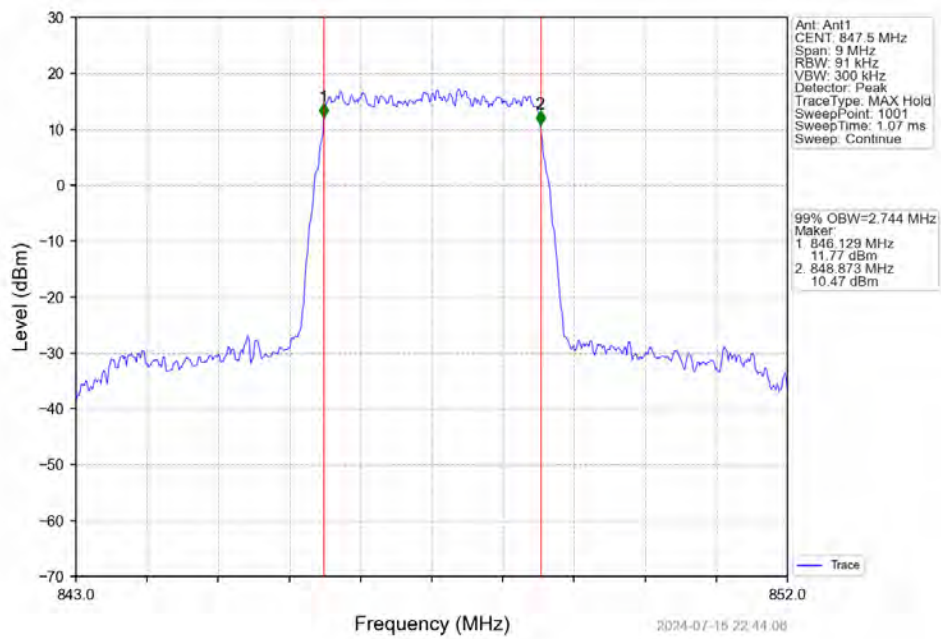
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



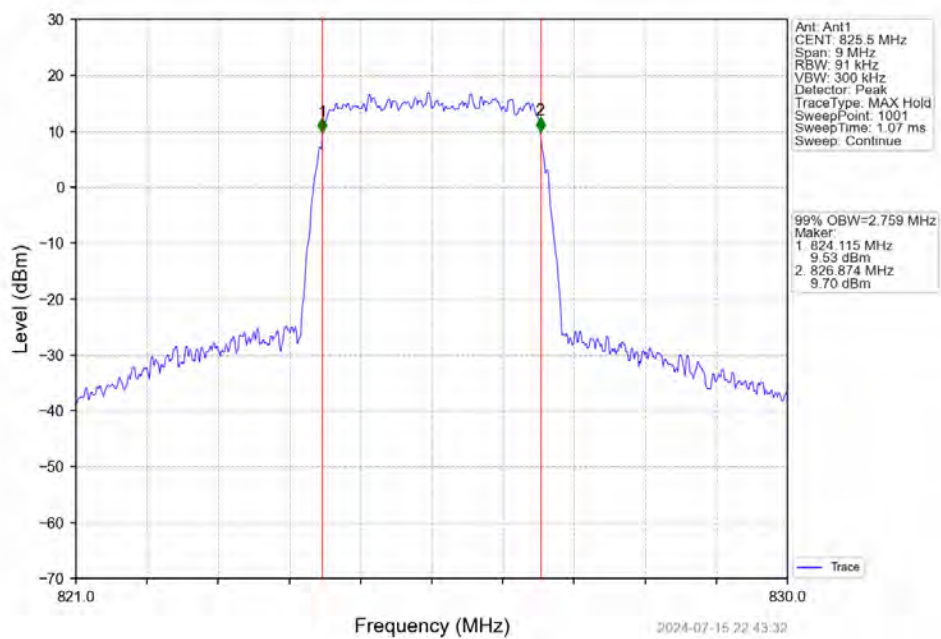
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTNV



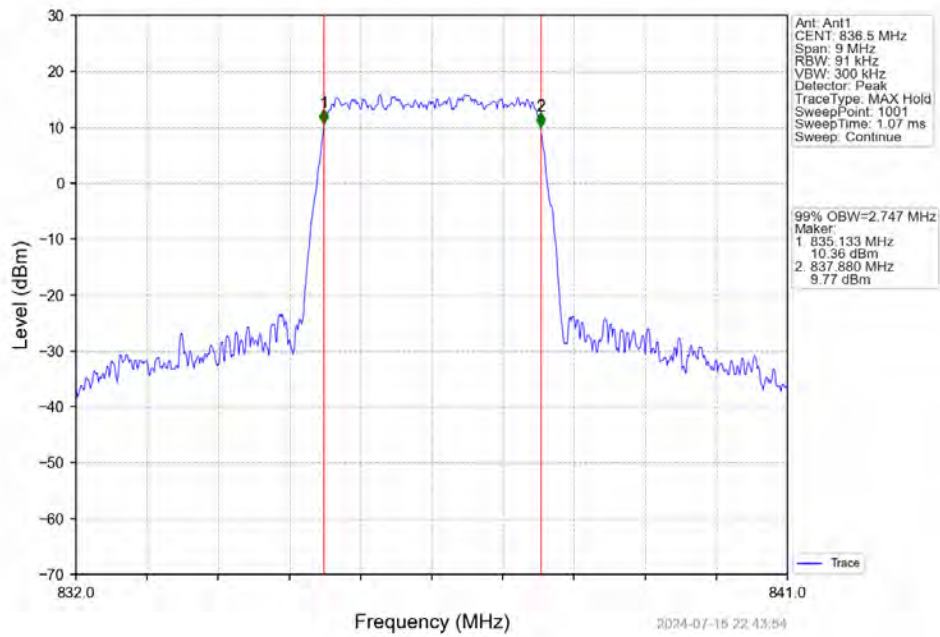
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



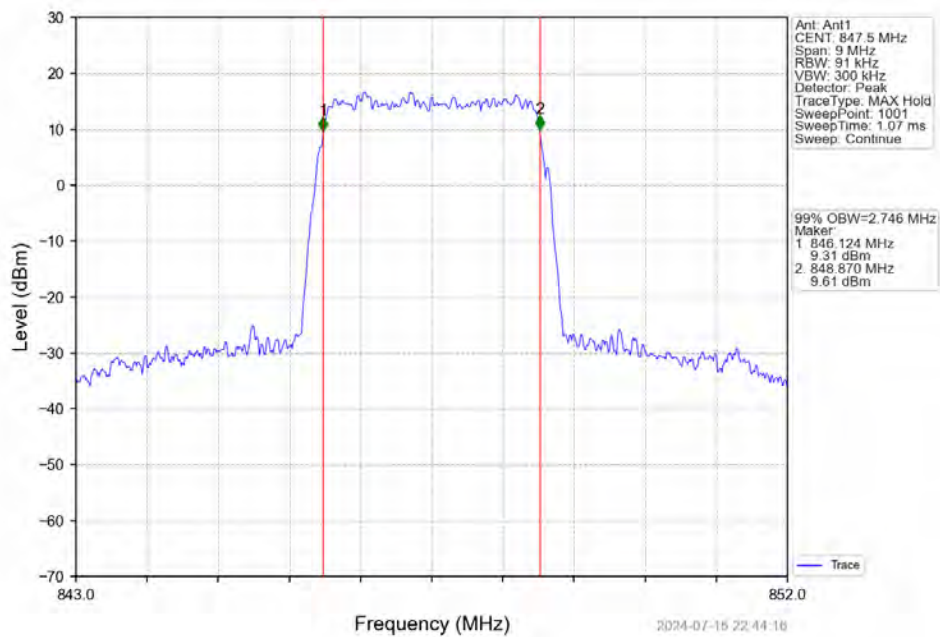
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



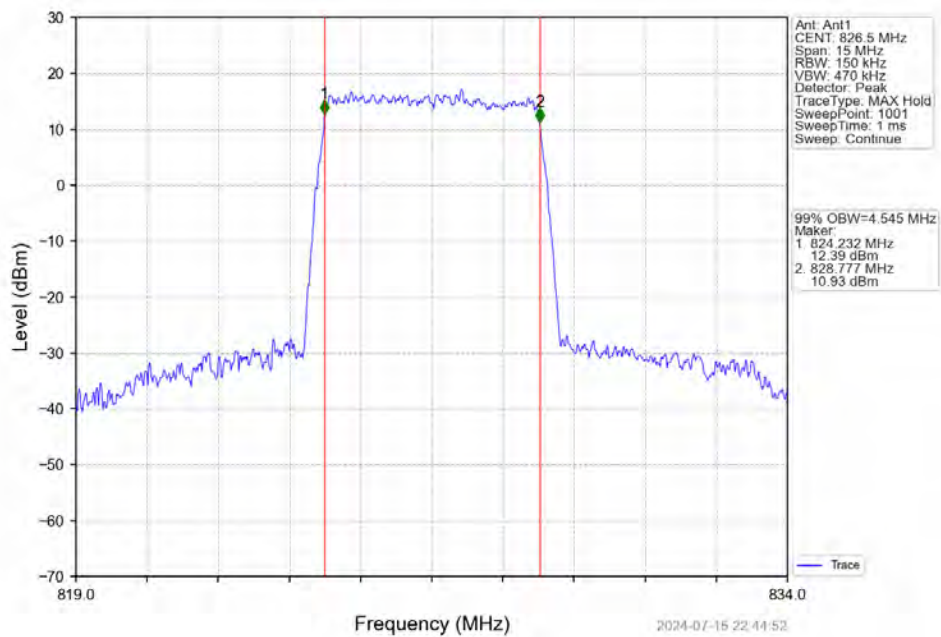
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



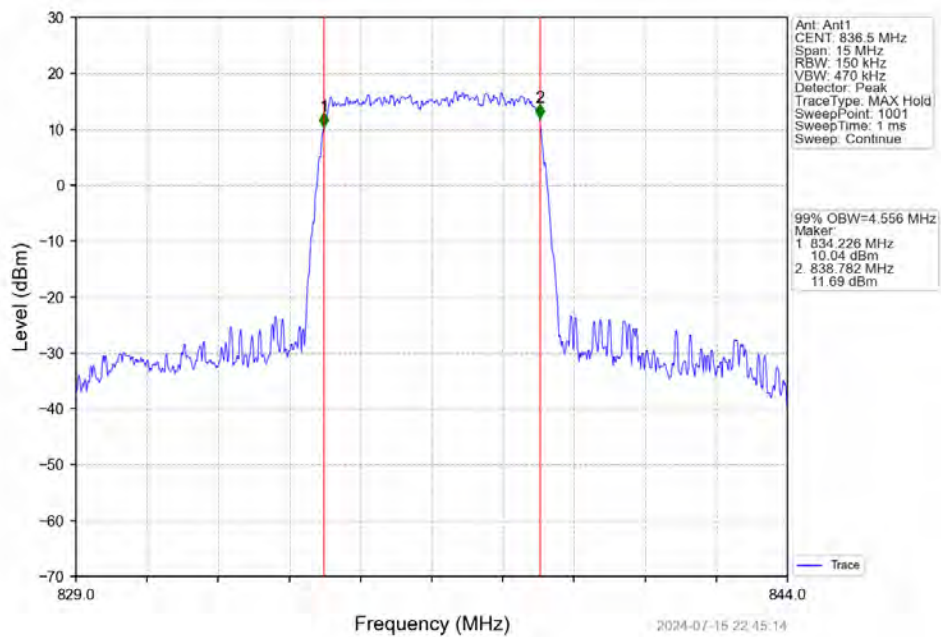
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV



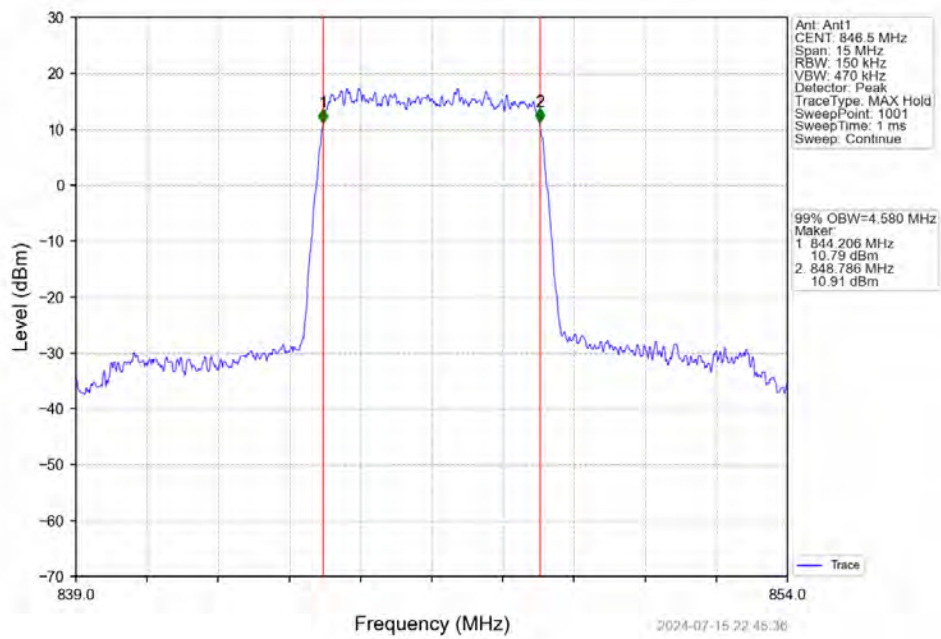
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



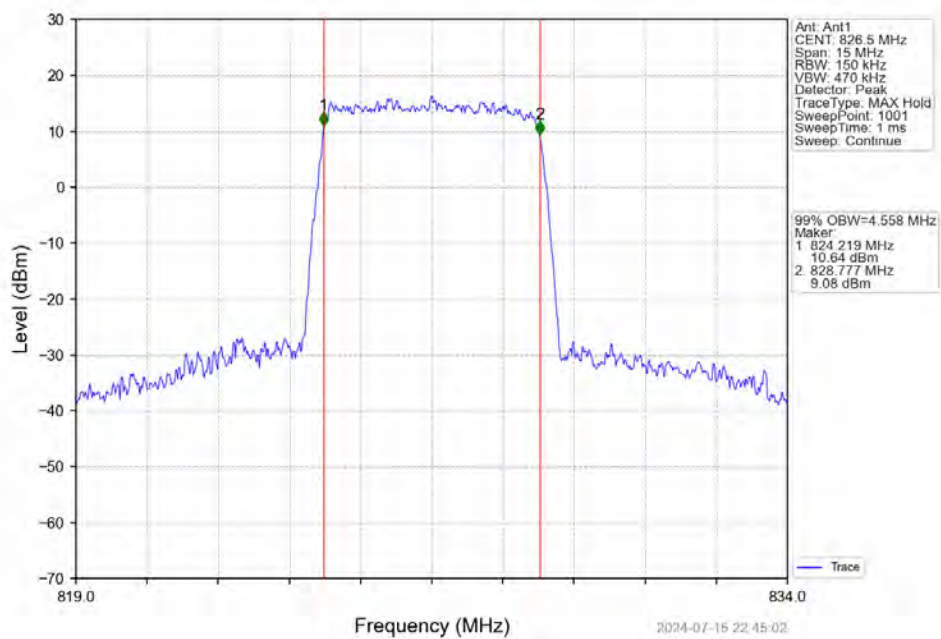
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



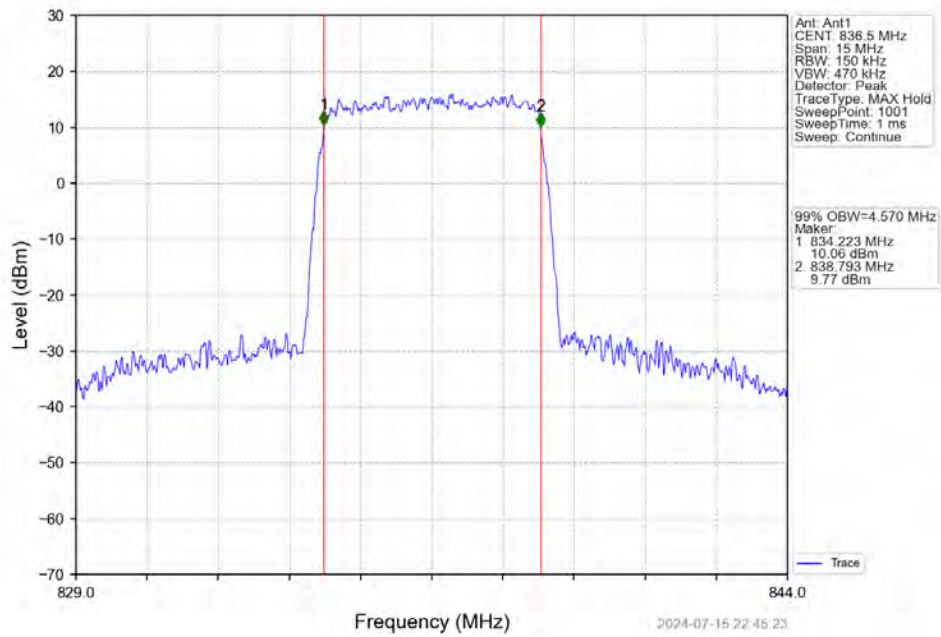
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



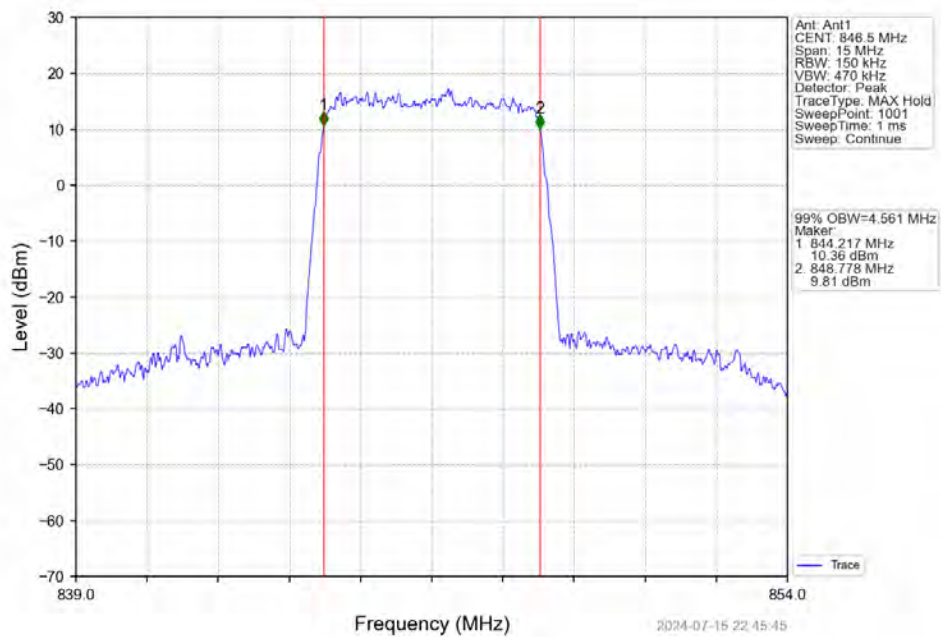
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



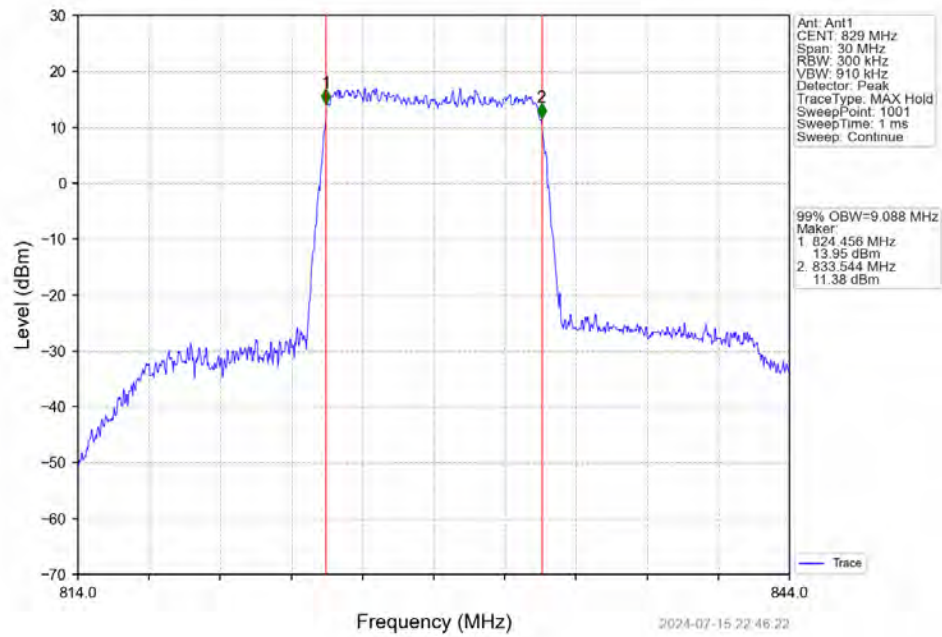
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



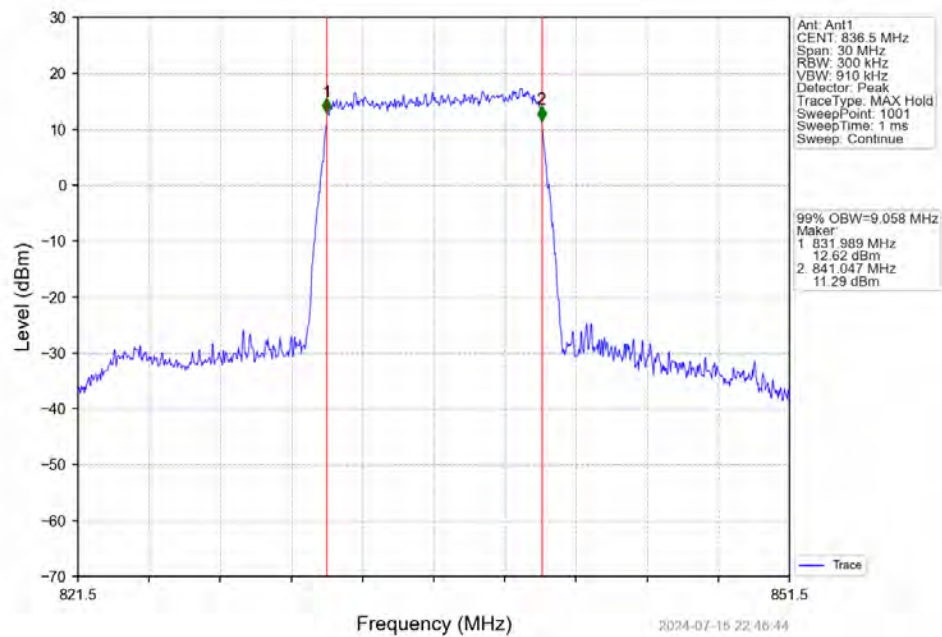
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



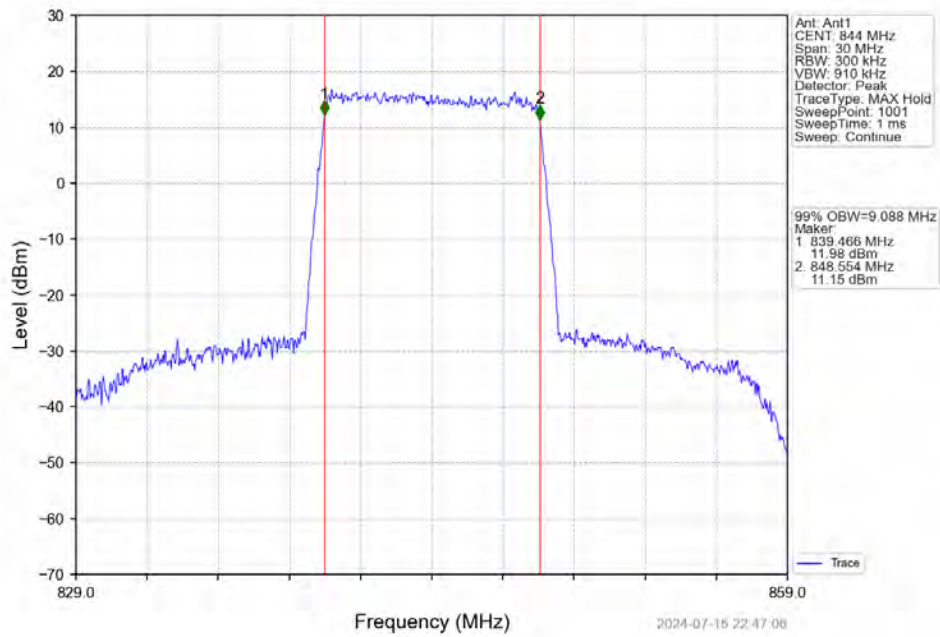
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



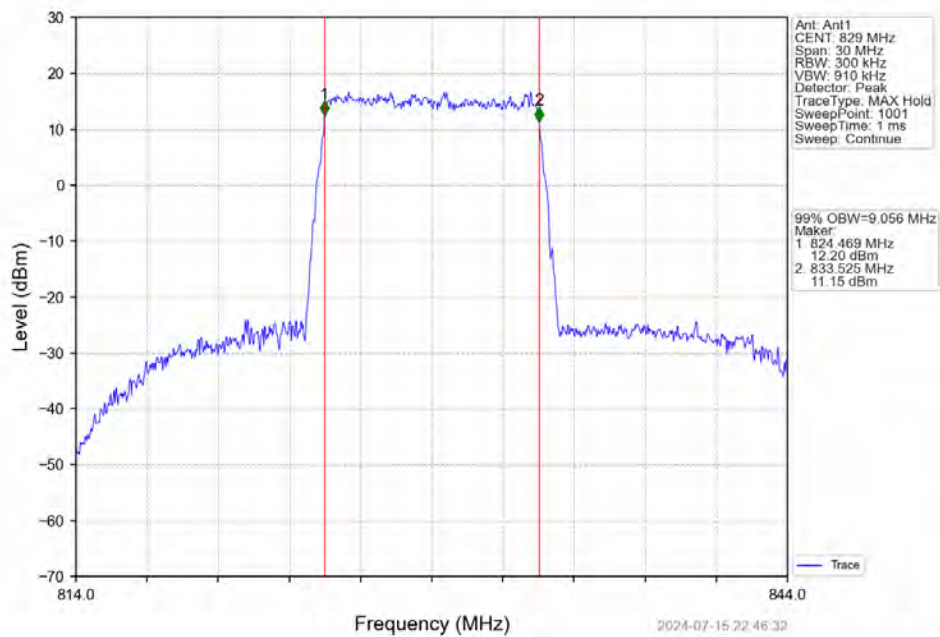
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



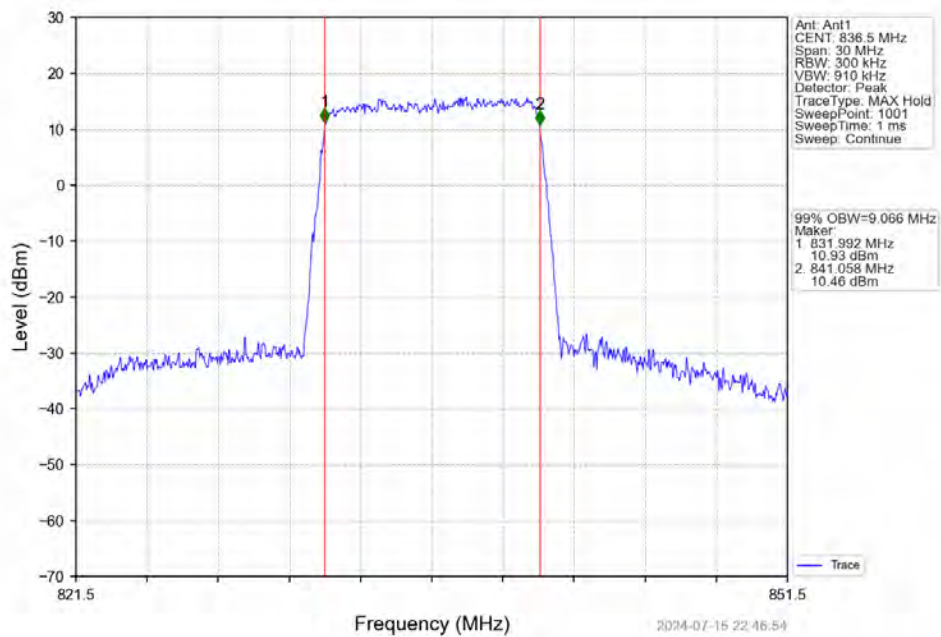
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



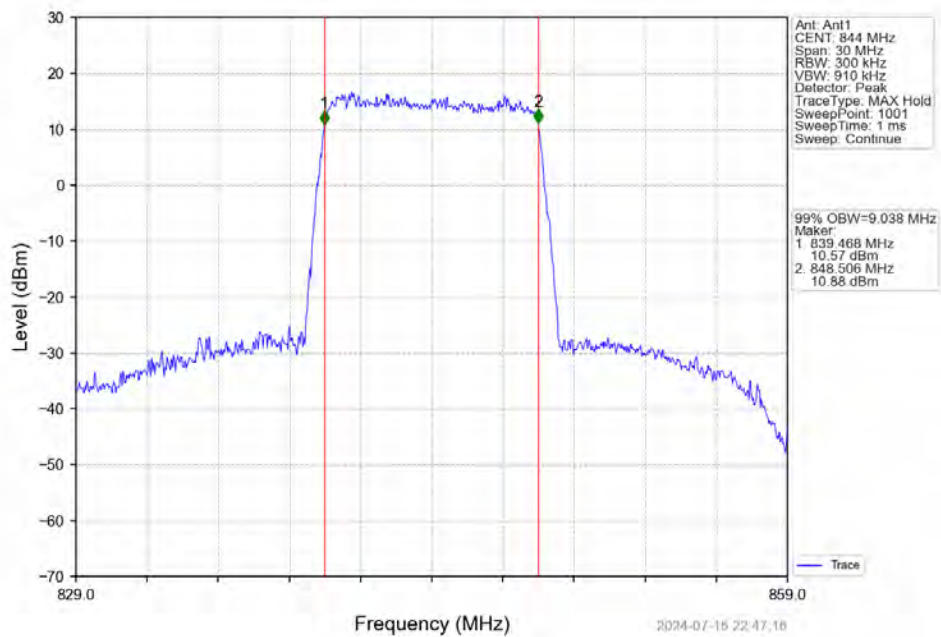
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



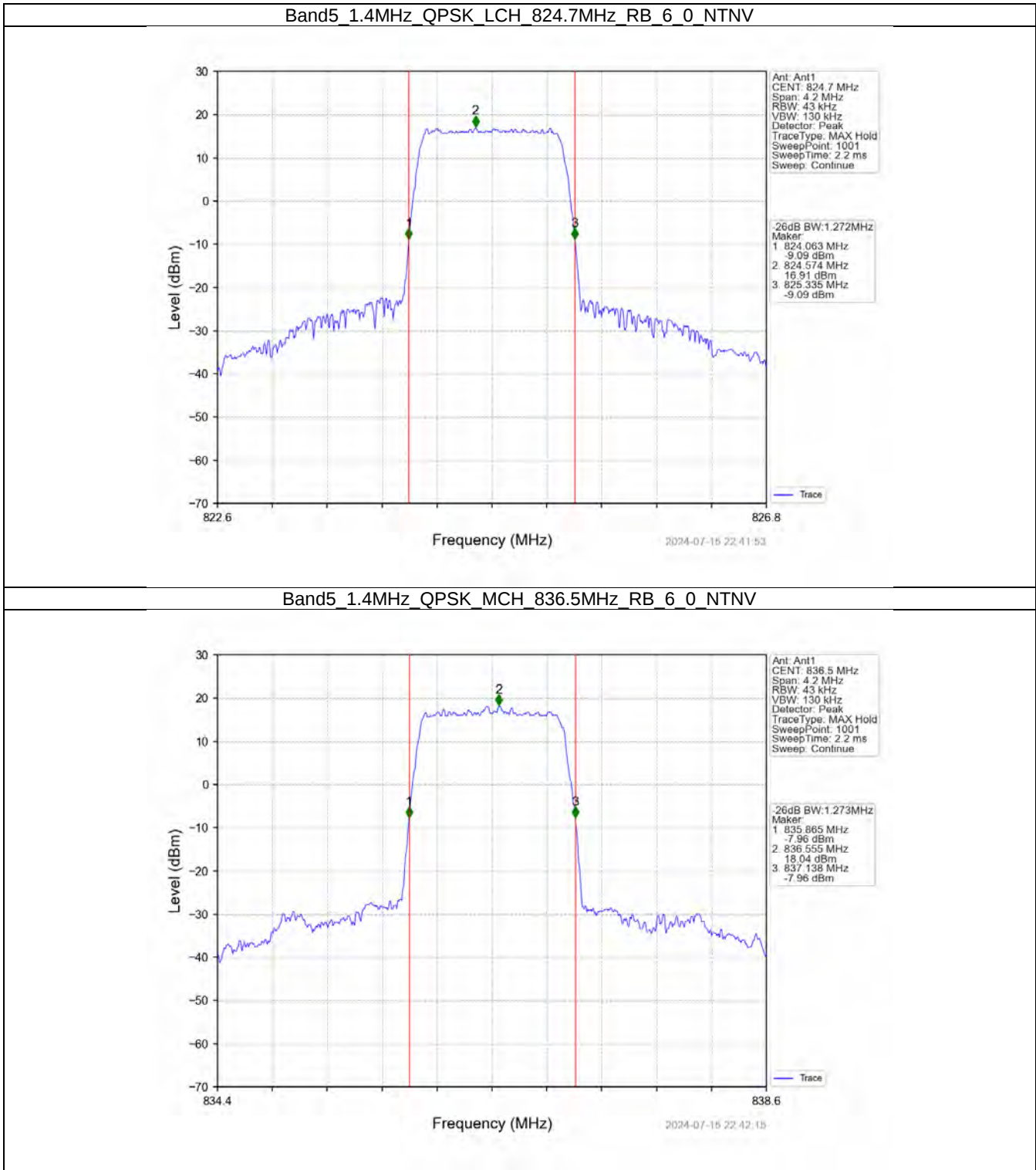
Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



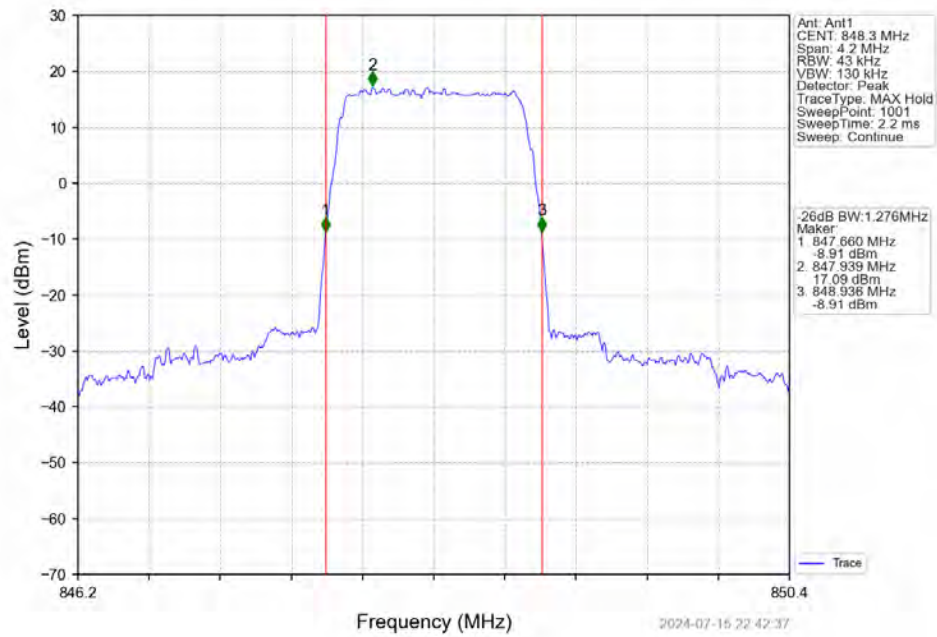
Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



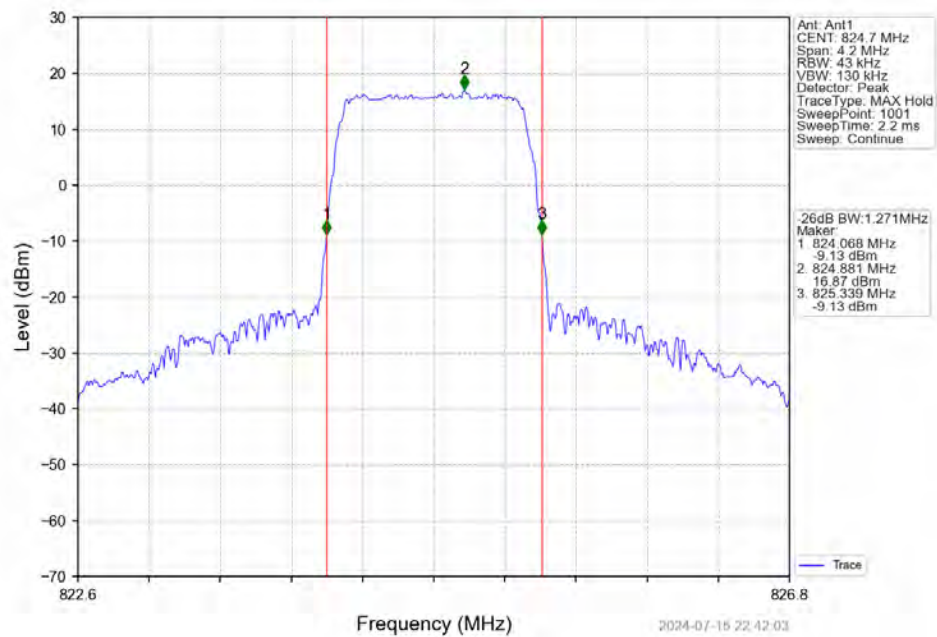
4.2.2 Band5_XDB



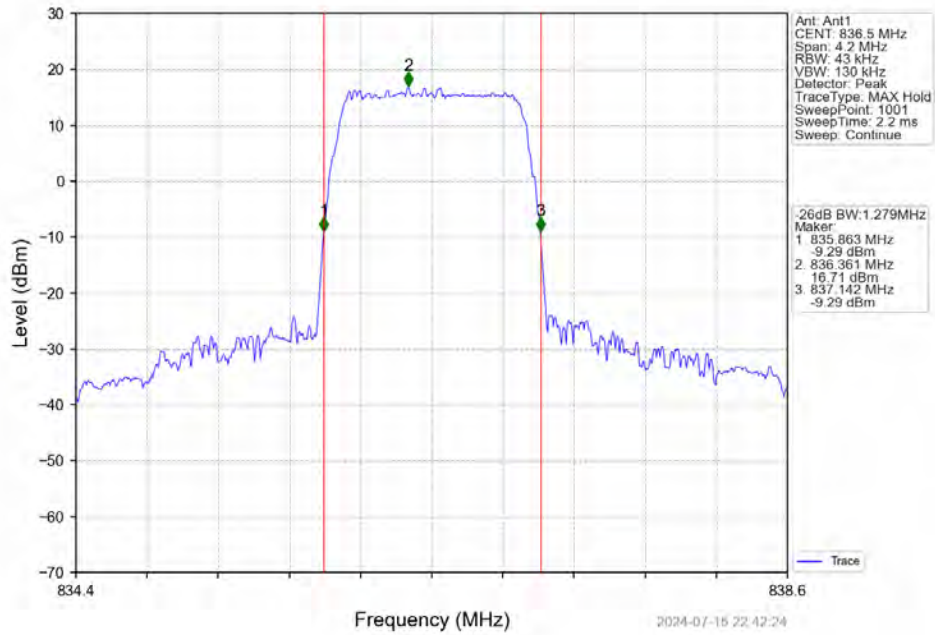
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



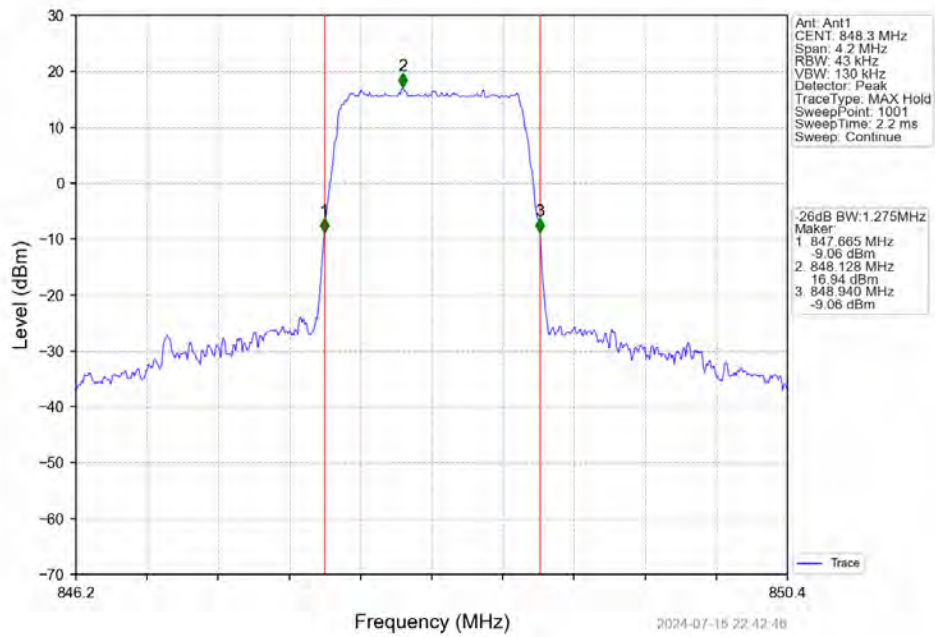
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



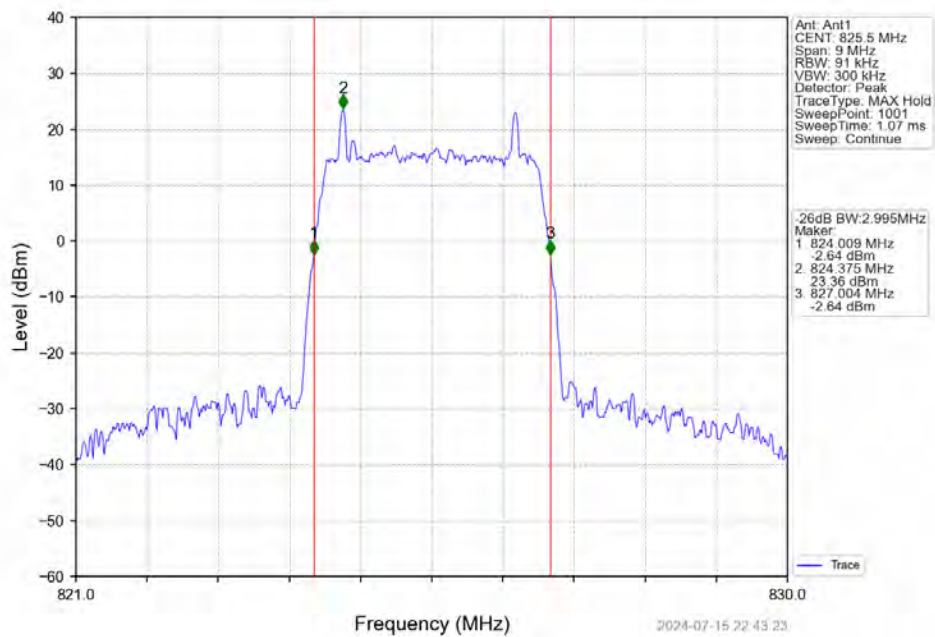
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



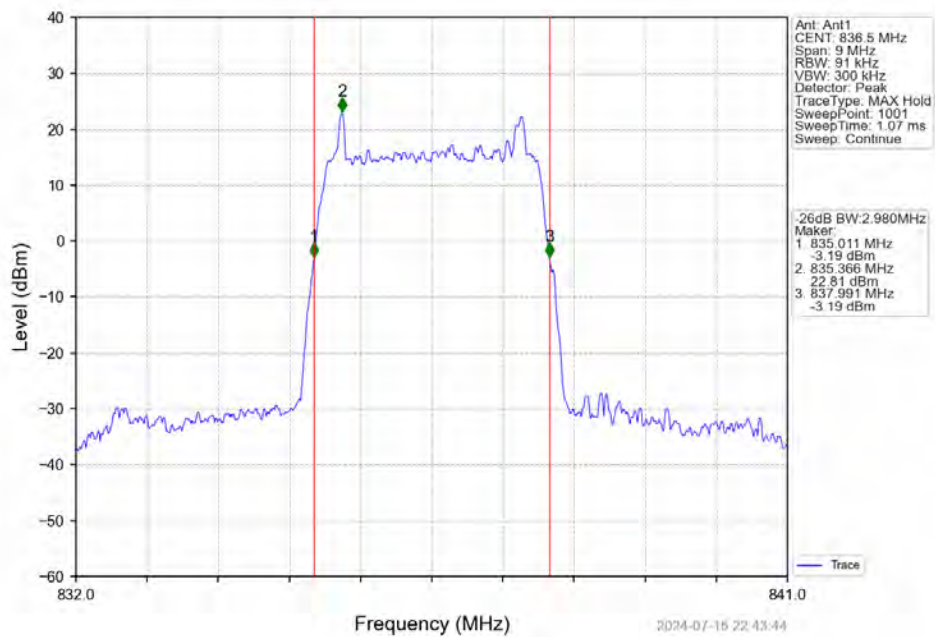
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



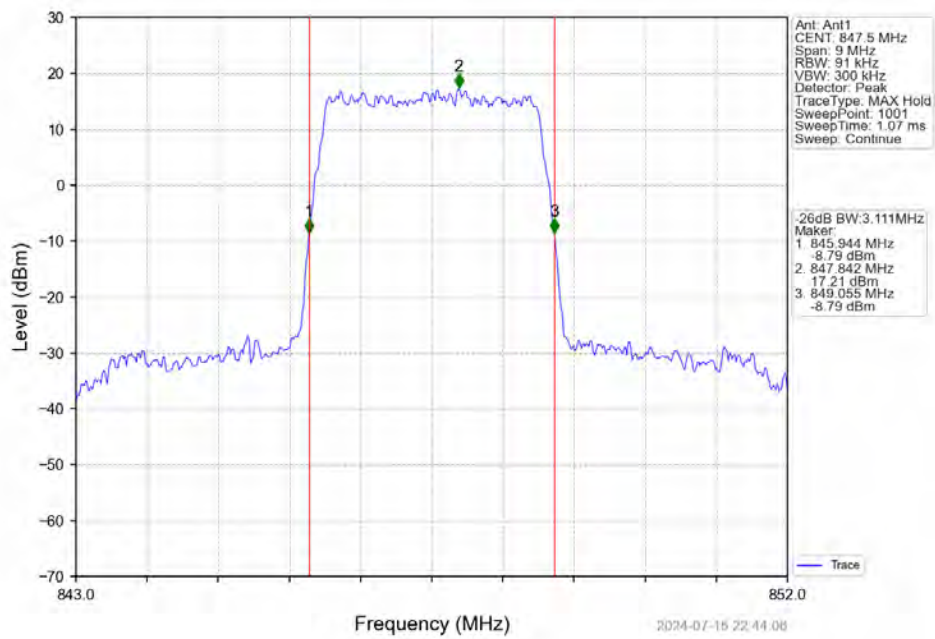
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



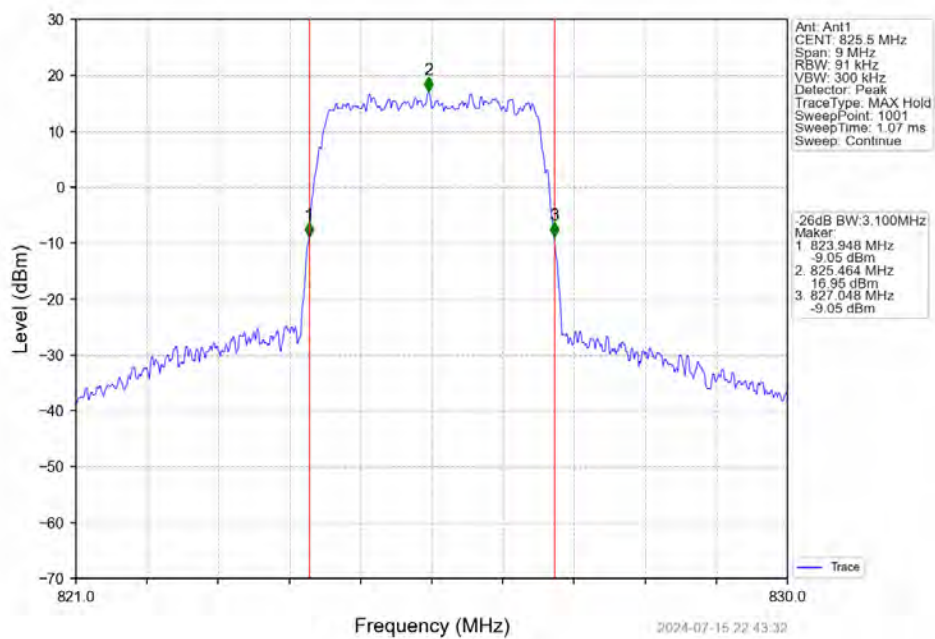
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



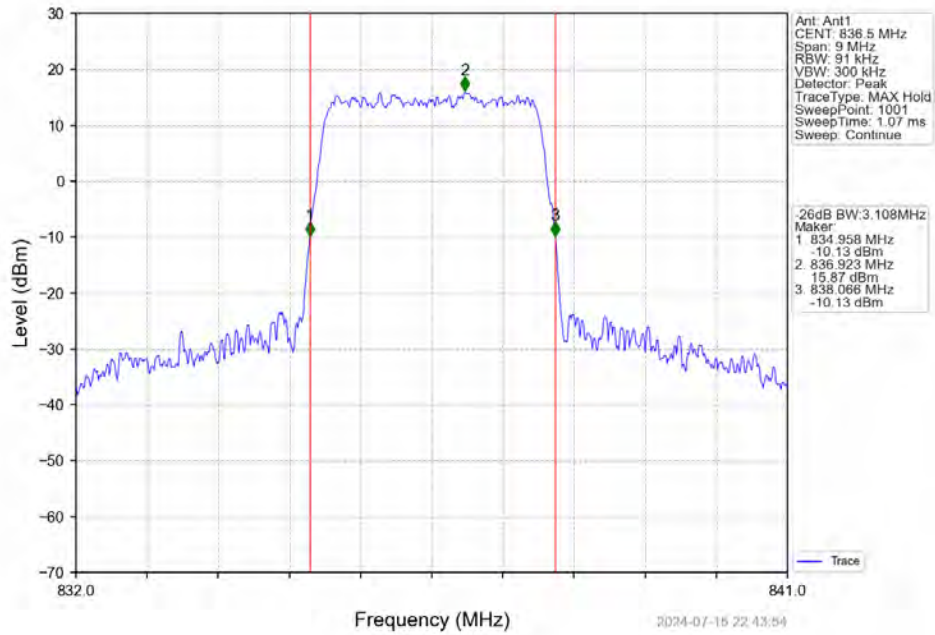
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



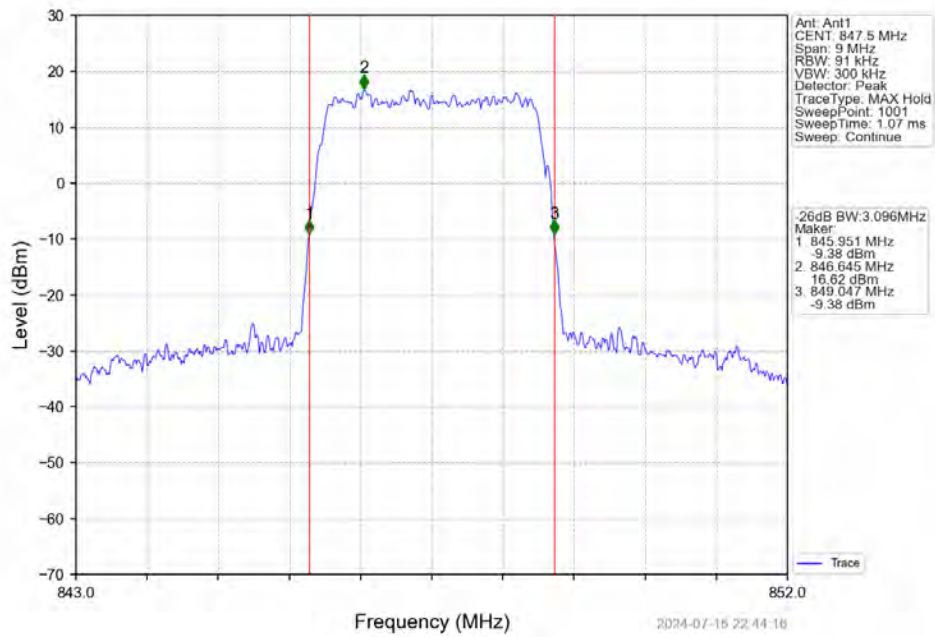
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



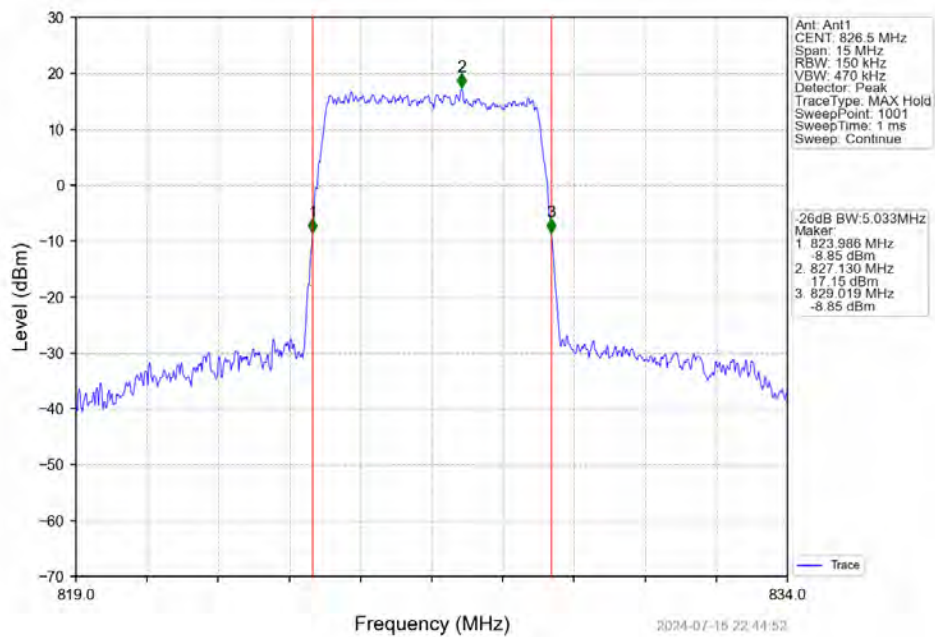
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



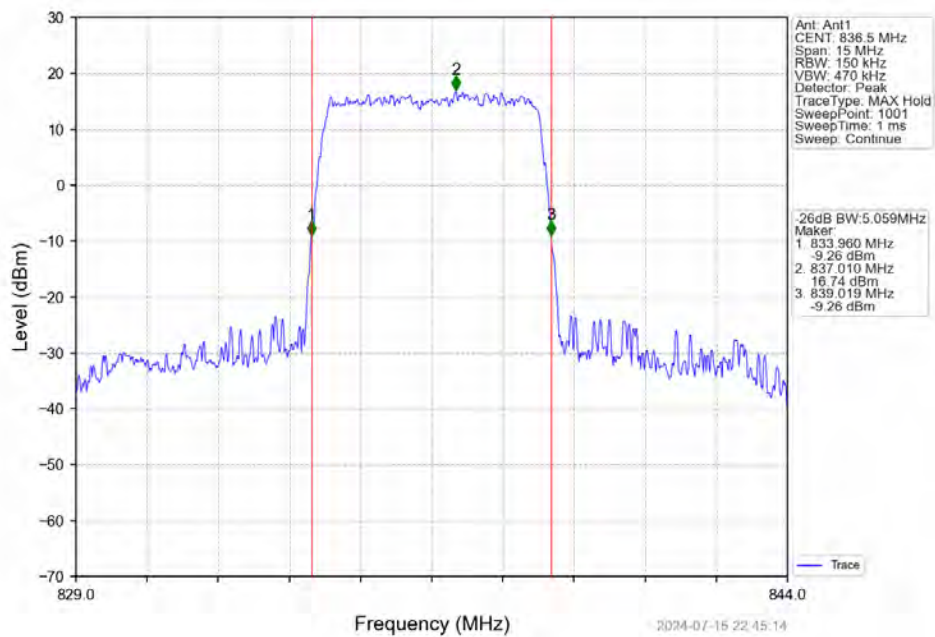
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV



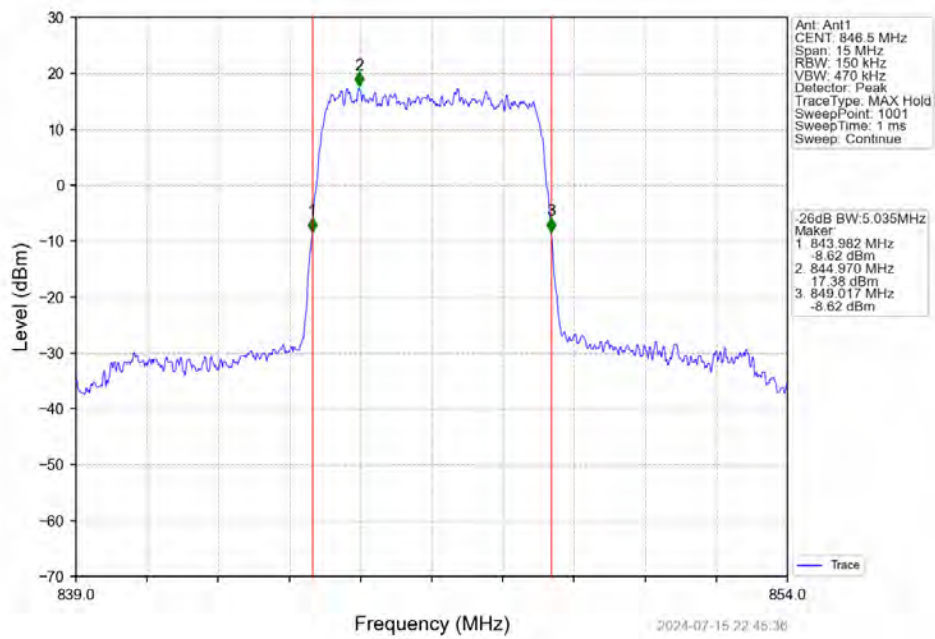
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



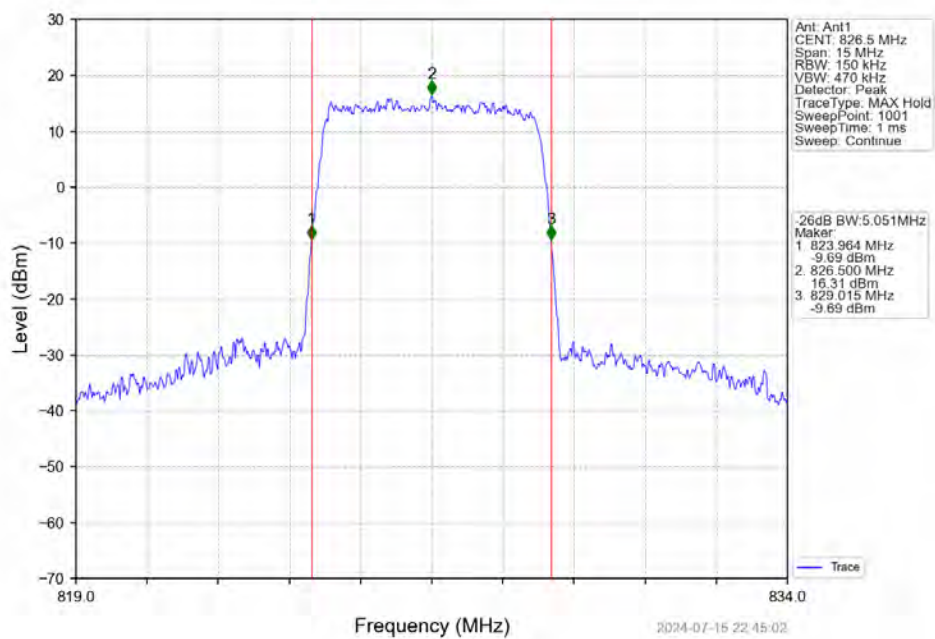
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



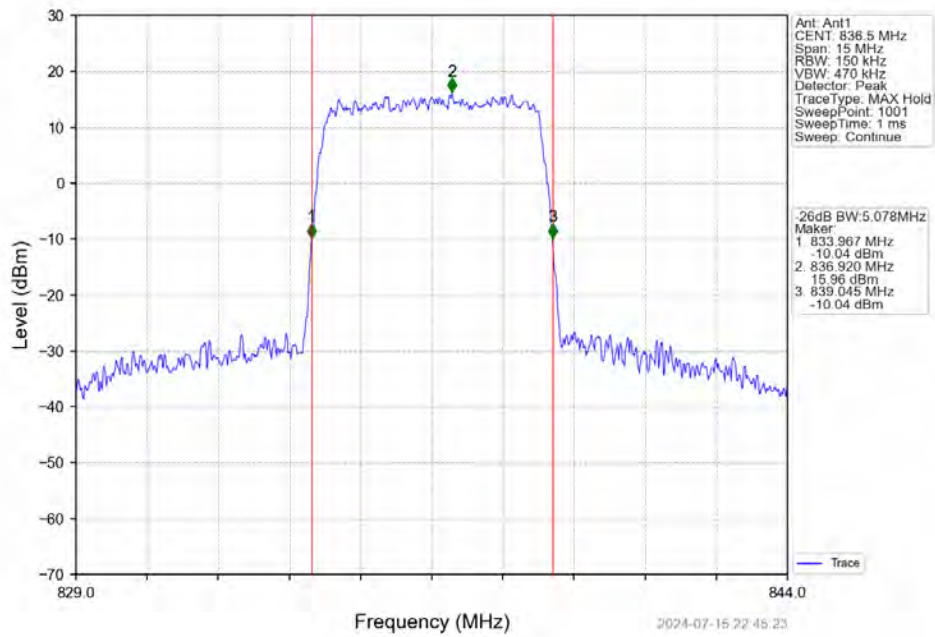
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



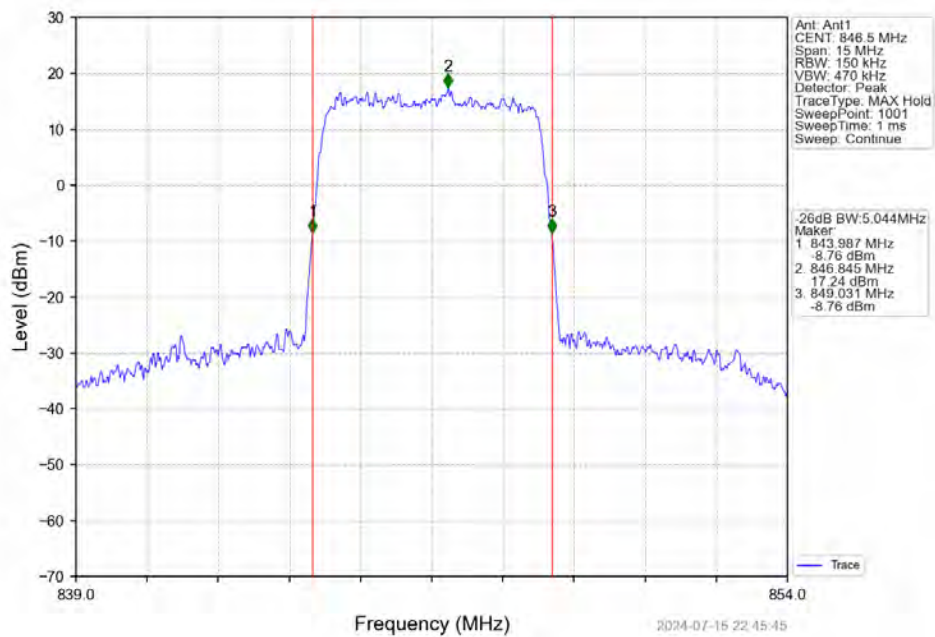
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



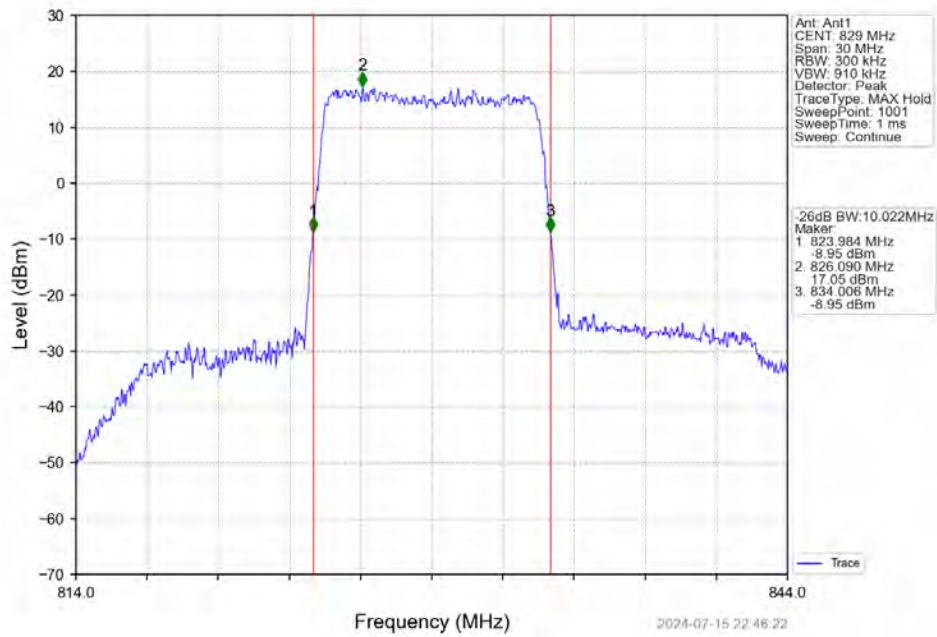
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



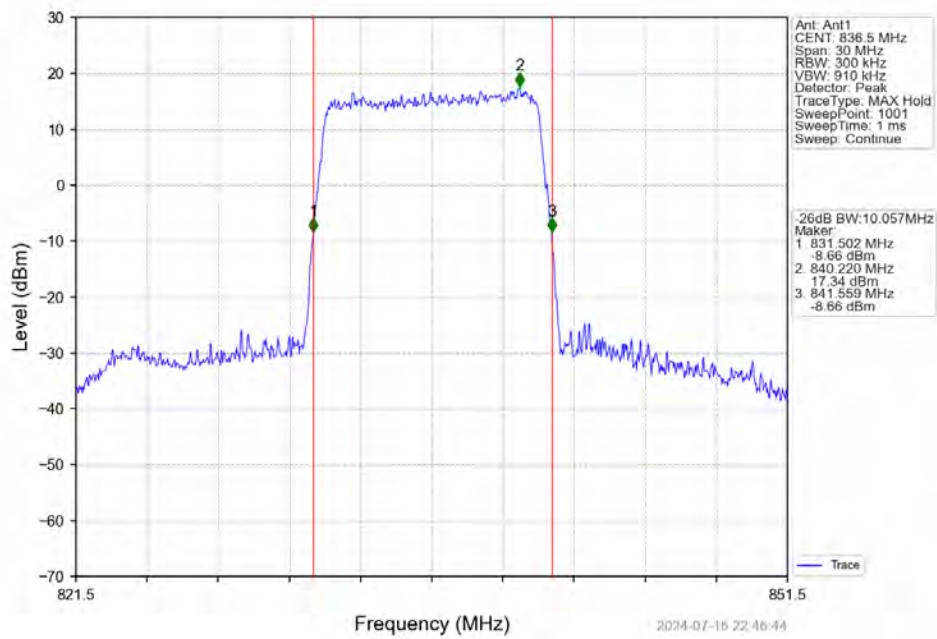
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



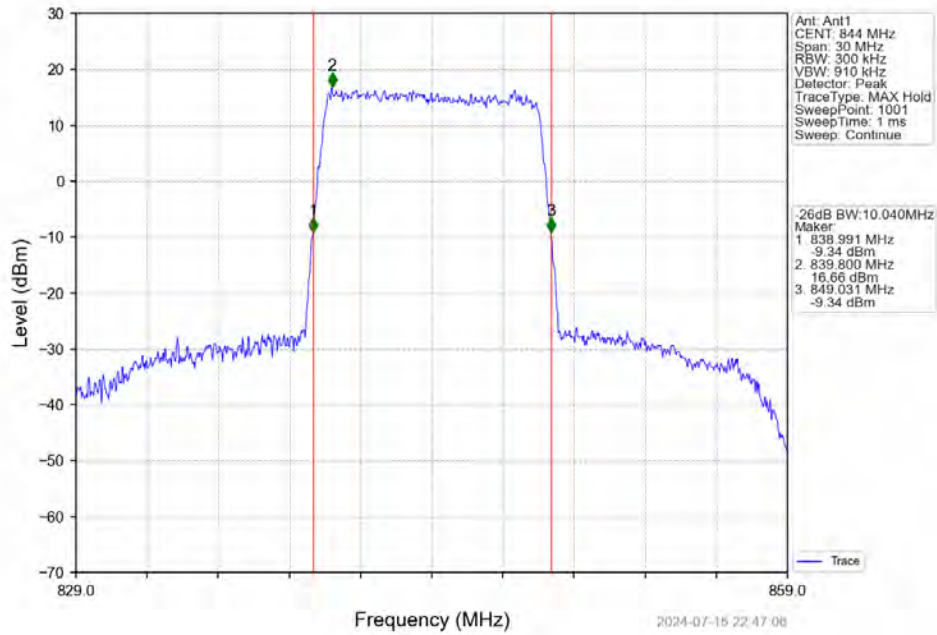
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



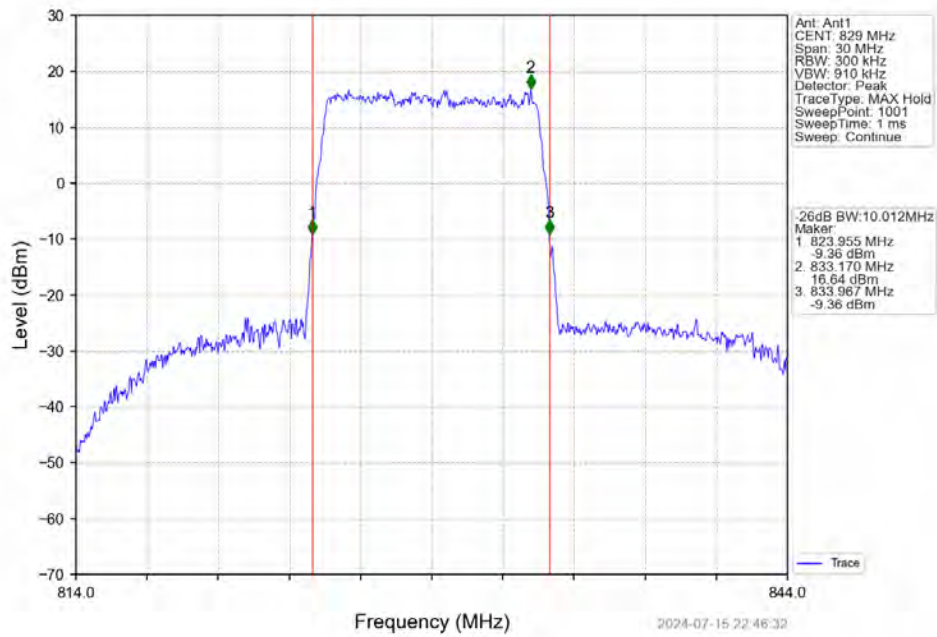
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



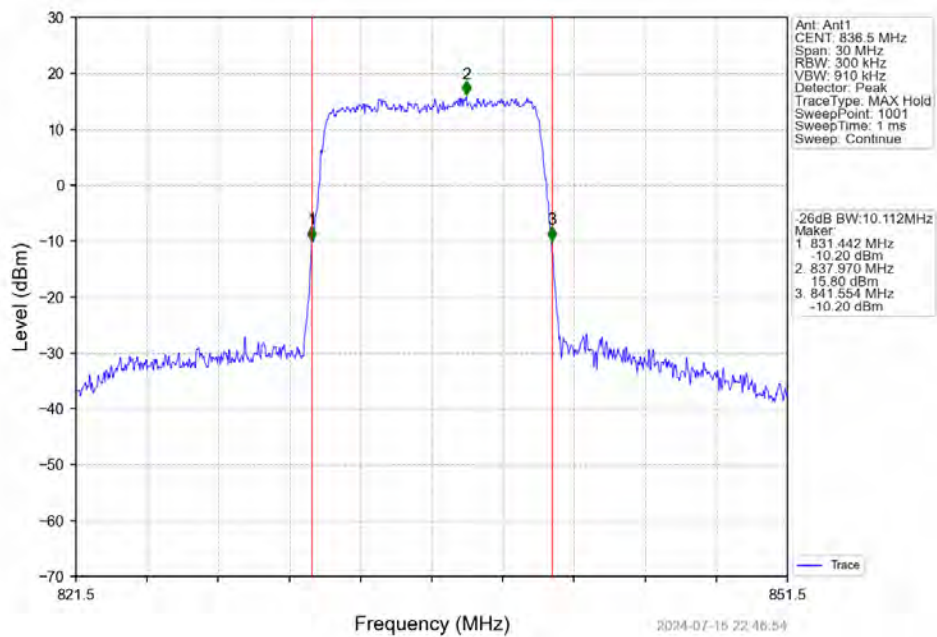
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



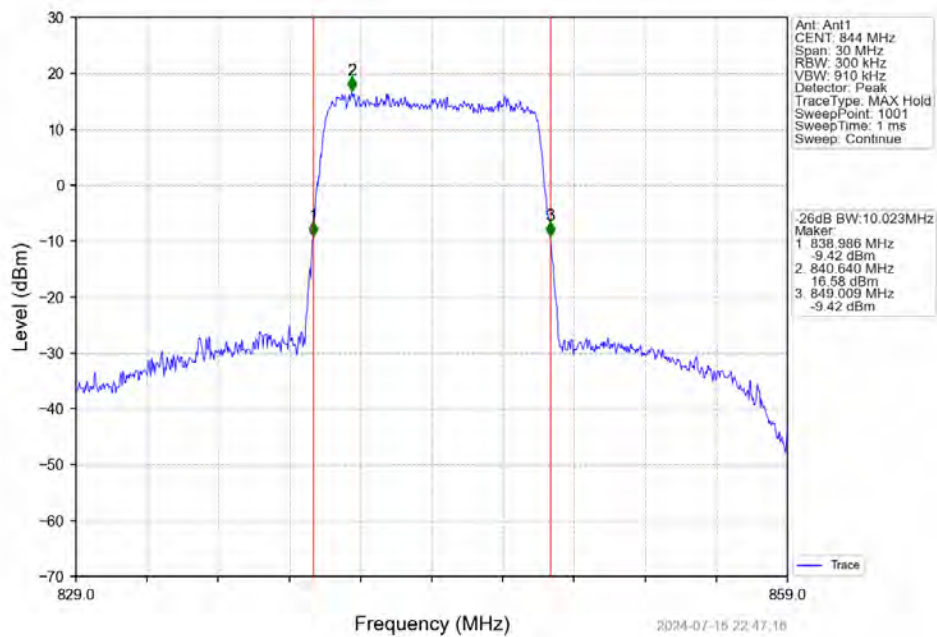
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



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



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.52	<=13	Pass
	836.5	6	0	5.73	<=13	Pass
	848.3	6	0	5.78	<=13	Pass
16QAM	824.7	6	0	6.10	<=13	Pass
	836.5	6	0	6.42	<=13	Pass
	848.3	6	0	6.38	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.53	<=13	Pass
	836.5	15	0	5.64	<=13	Pass
	847.5	15	0	5.77	<=13	Pass
16QAM	825.5	15	0	6.23	<=13	Pass
	836.5	15	0	6.46	<=13	Pass
	847.5	15	0	6.49	<=13	Pass

5.1.3 B5_5MHz

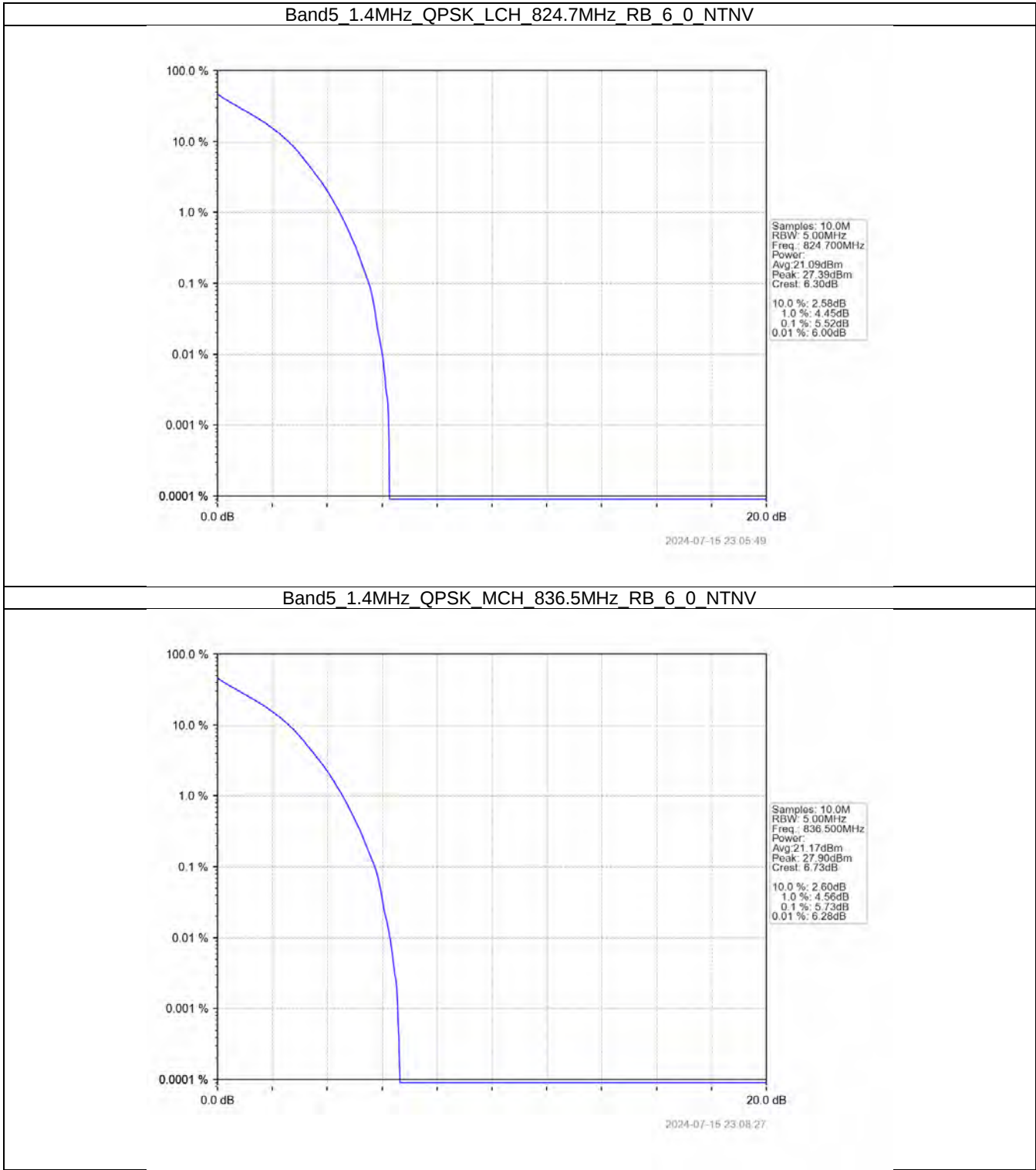
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.57	<=13	Pass
	836.5	25	0	5.69	<=13	Pass
	846.5	25	0	5.76	<=13	Pass
16QAM	826.5	25	0	6.35	<=13	Pass
	836.5	25	0	6.39	<=13	Pass
	846.5	25	0	6.37	<=13	Pass

5.1.4 B5_10MHz

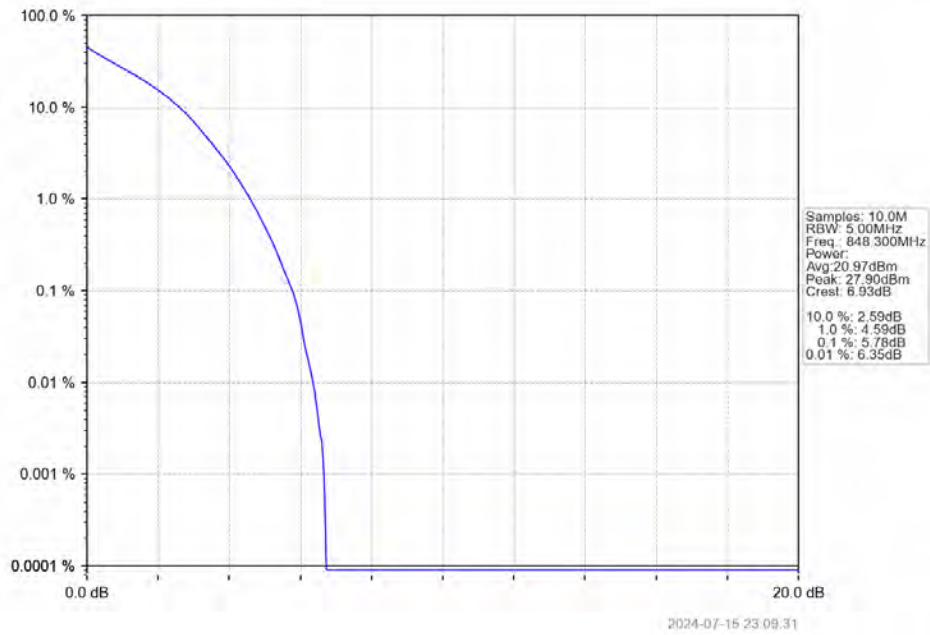
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.72	<=13	Pass
	836.5	50	0	5.71	<=13	Pass
	844	50	0	5.70	<=13	Pass
16QAM	829	50	0	6.40	<=13	Pass
	836.5	50	0	6.43	<=13	Pass
	844	50	0	6.37	<=13	Pass

5.2 Test Graph

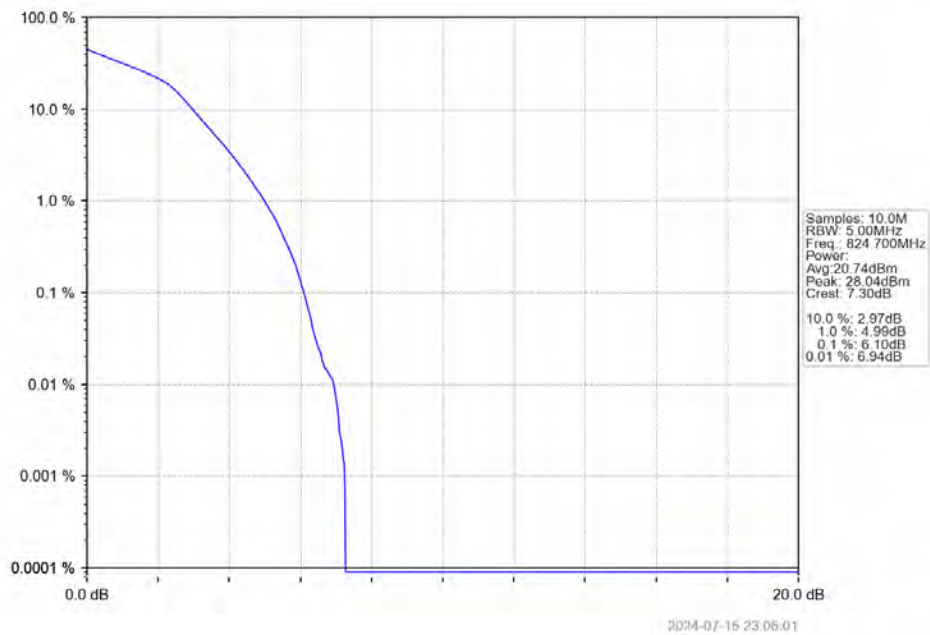
5.2.1 B5_1.4MHz



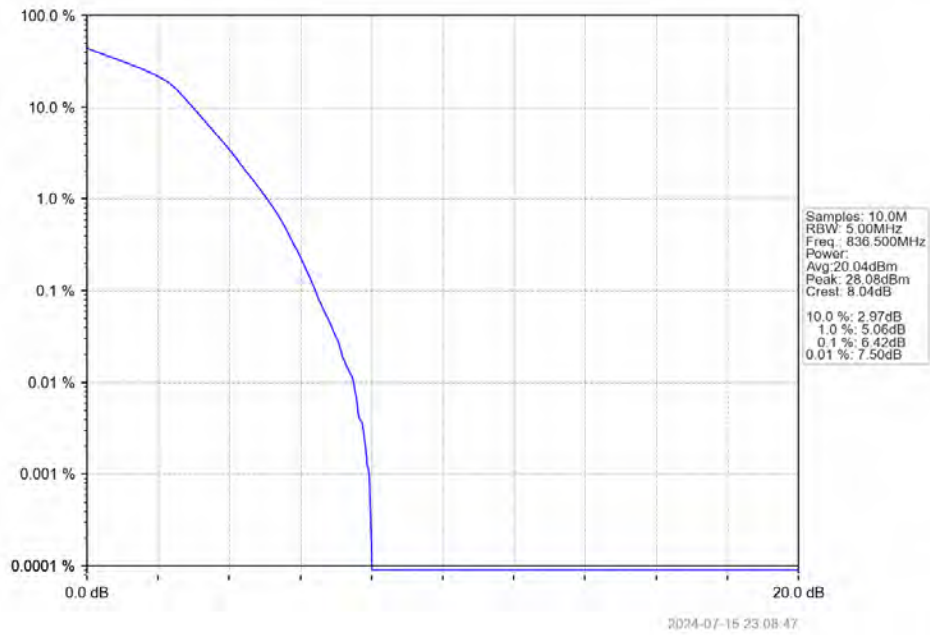
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



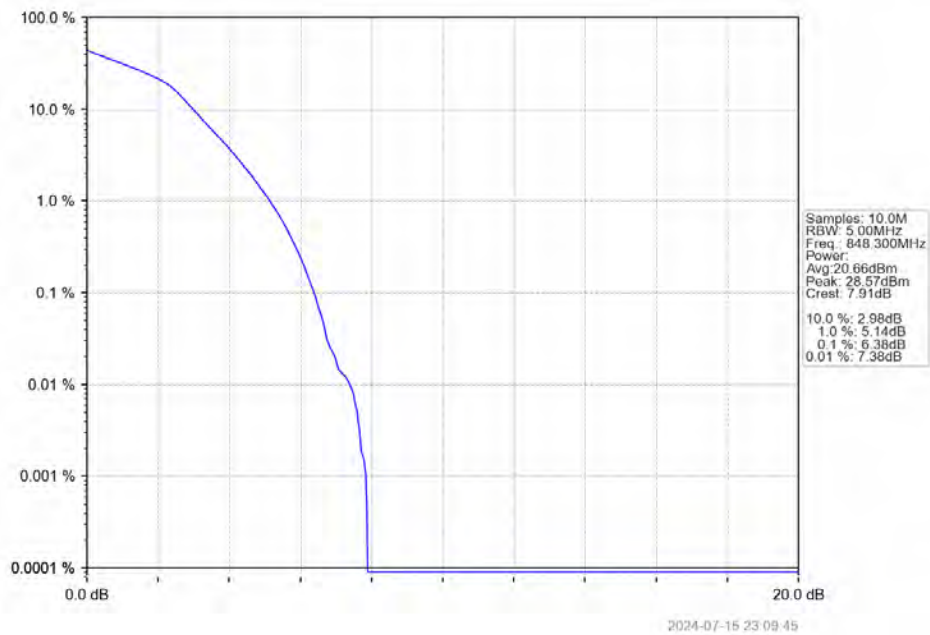
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



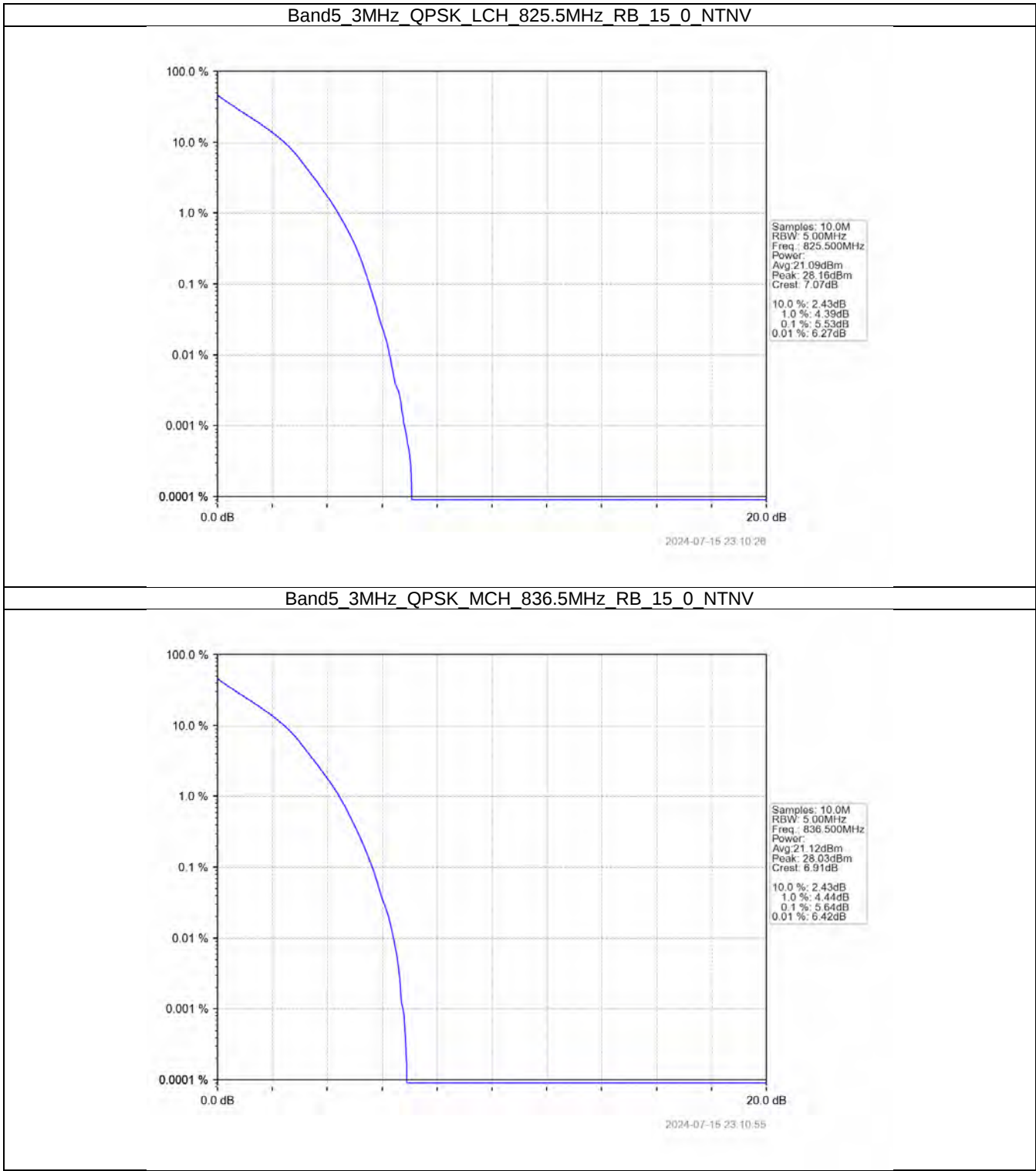
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



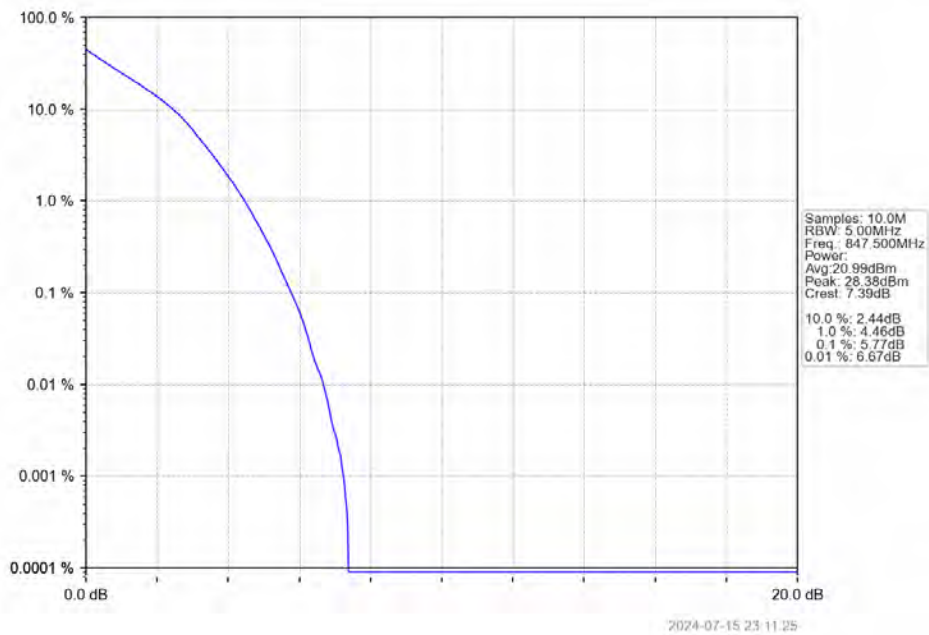
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



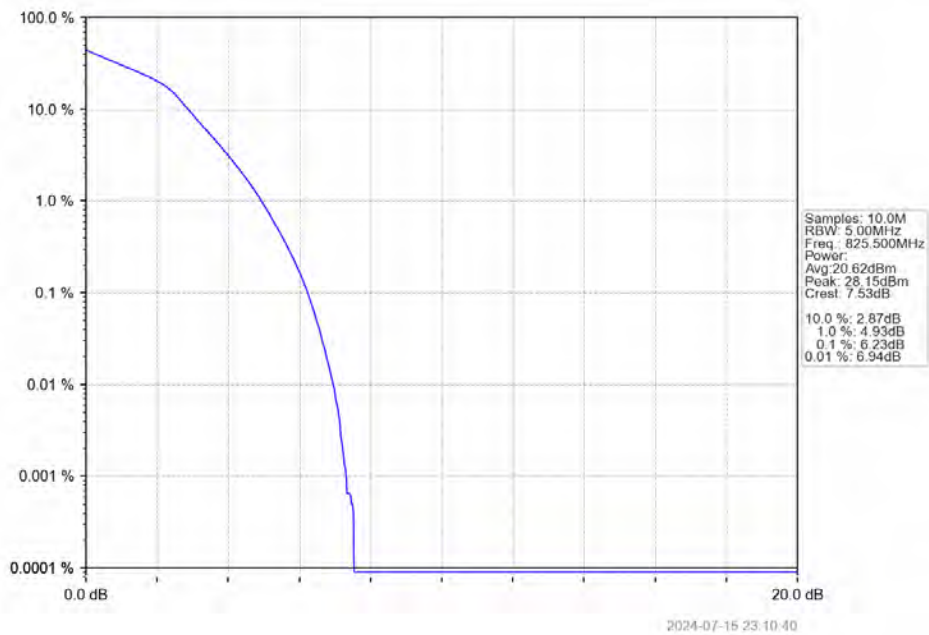
5.2.2 B5_3MHz



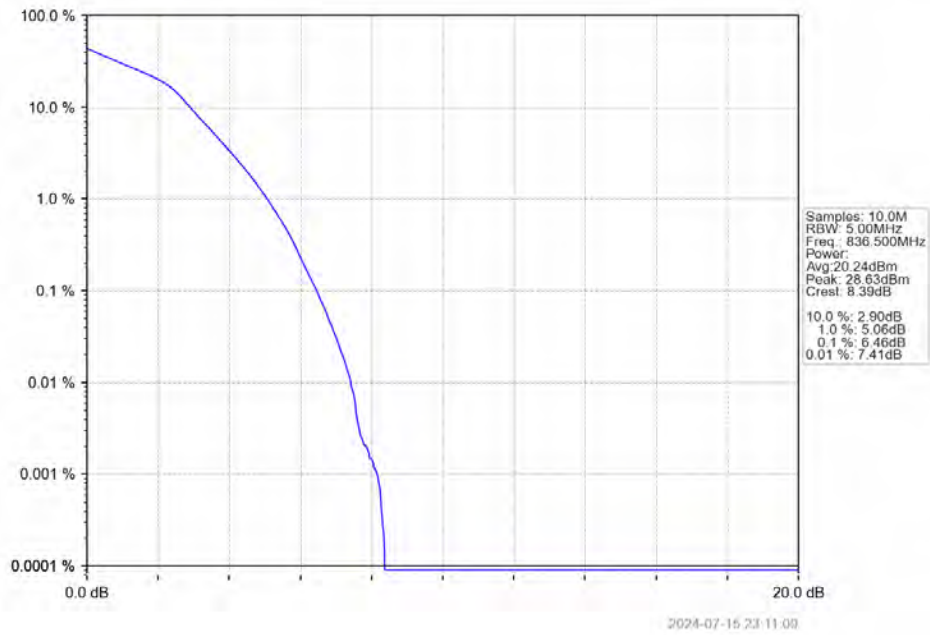
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



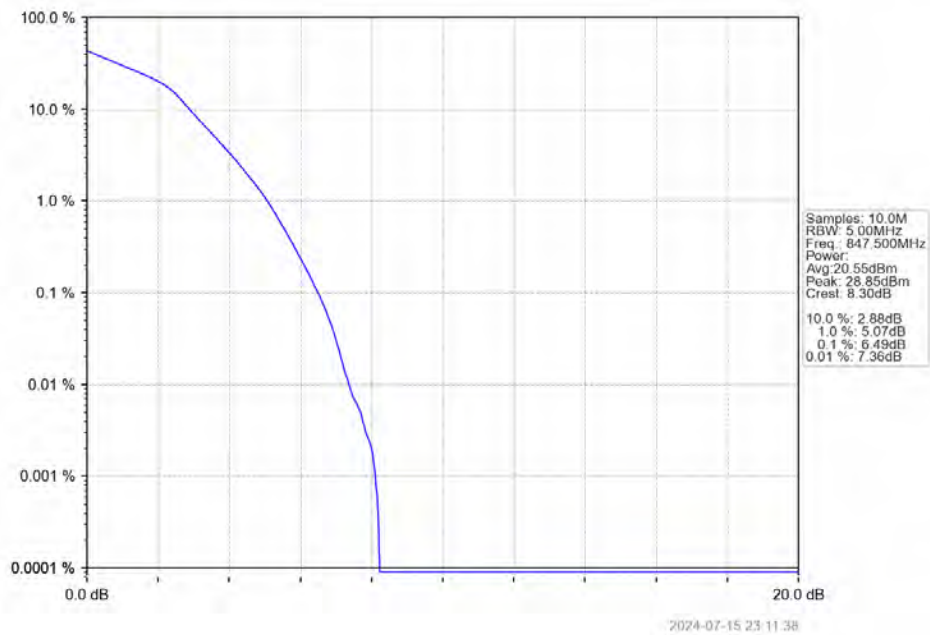
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



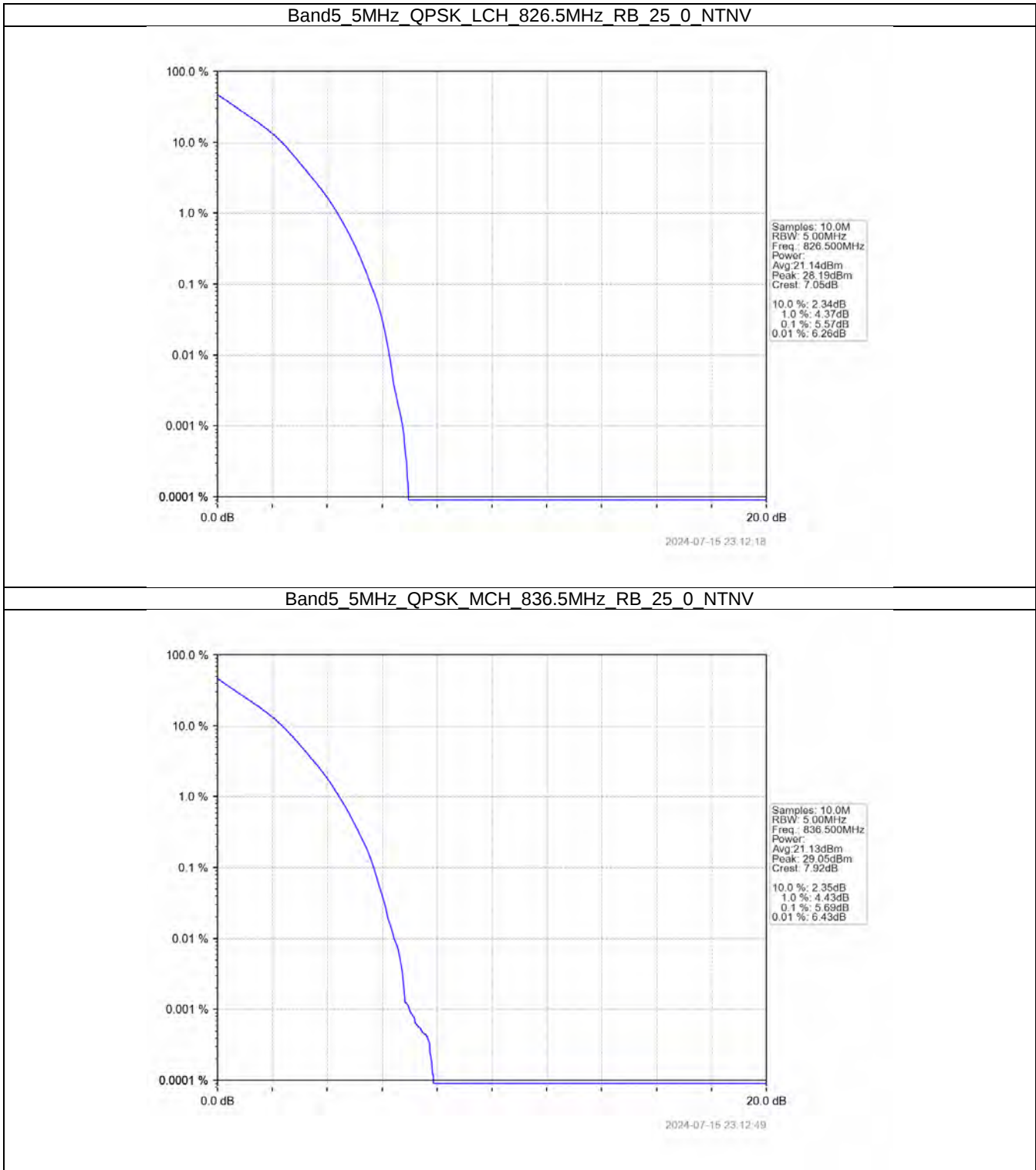
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



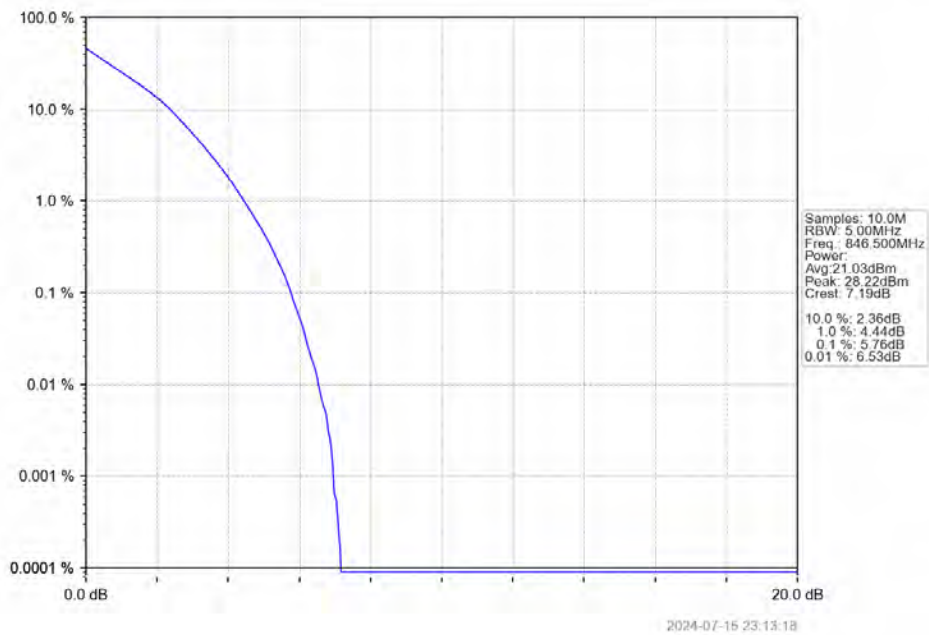
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



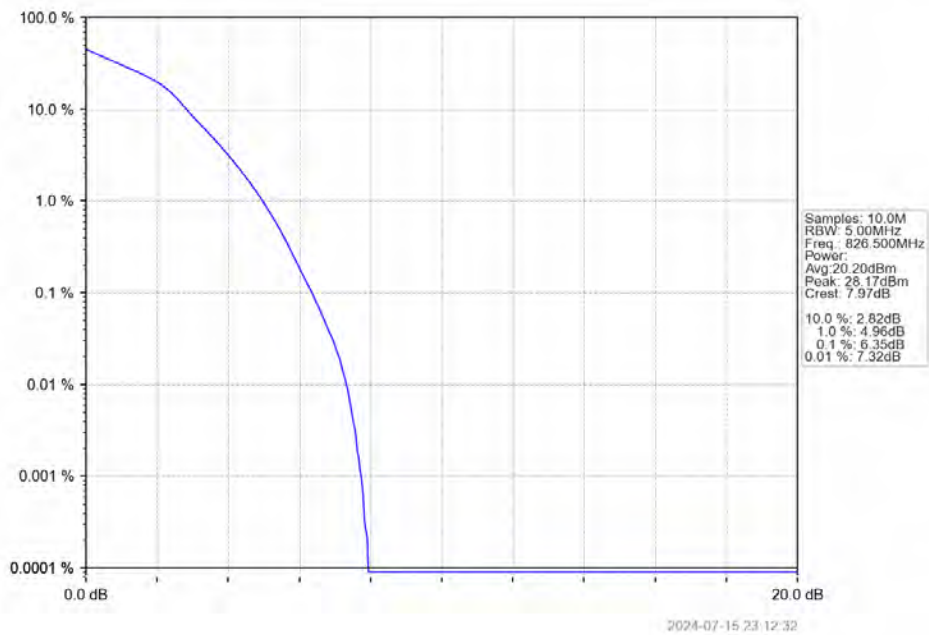
5.2.3 B5_5MHz



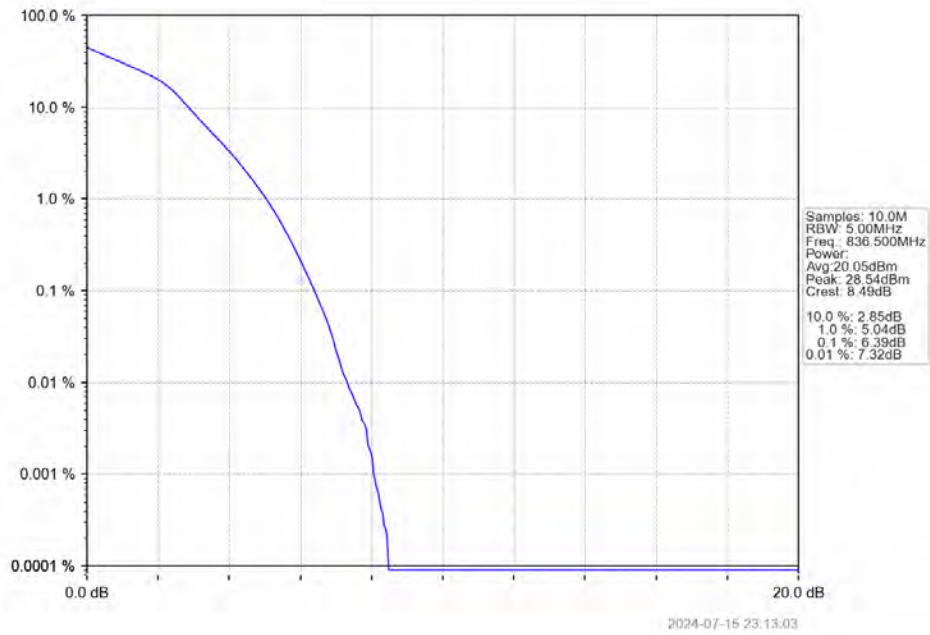
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



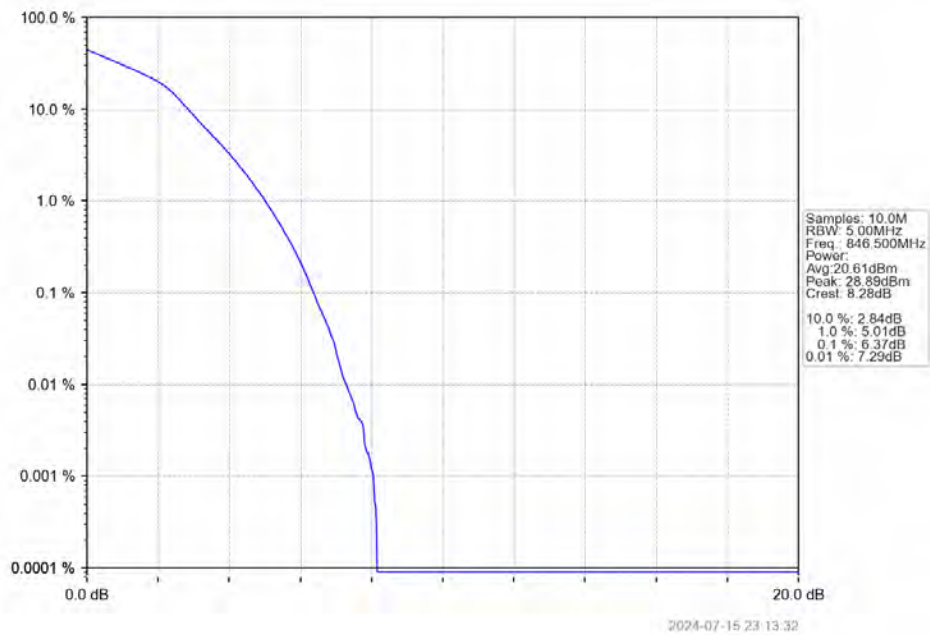
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



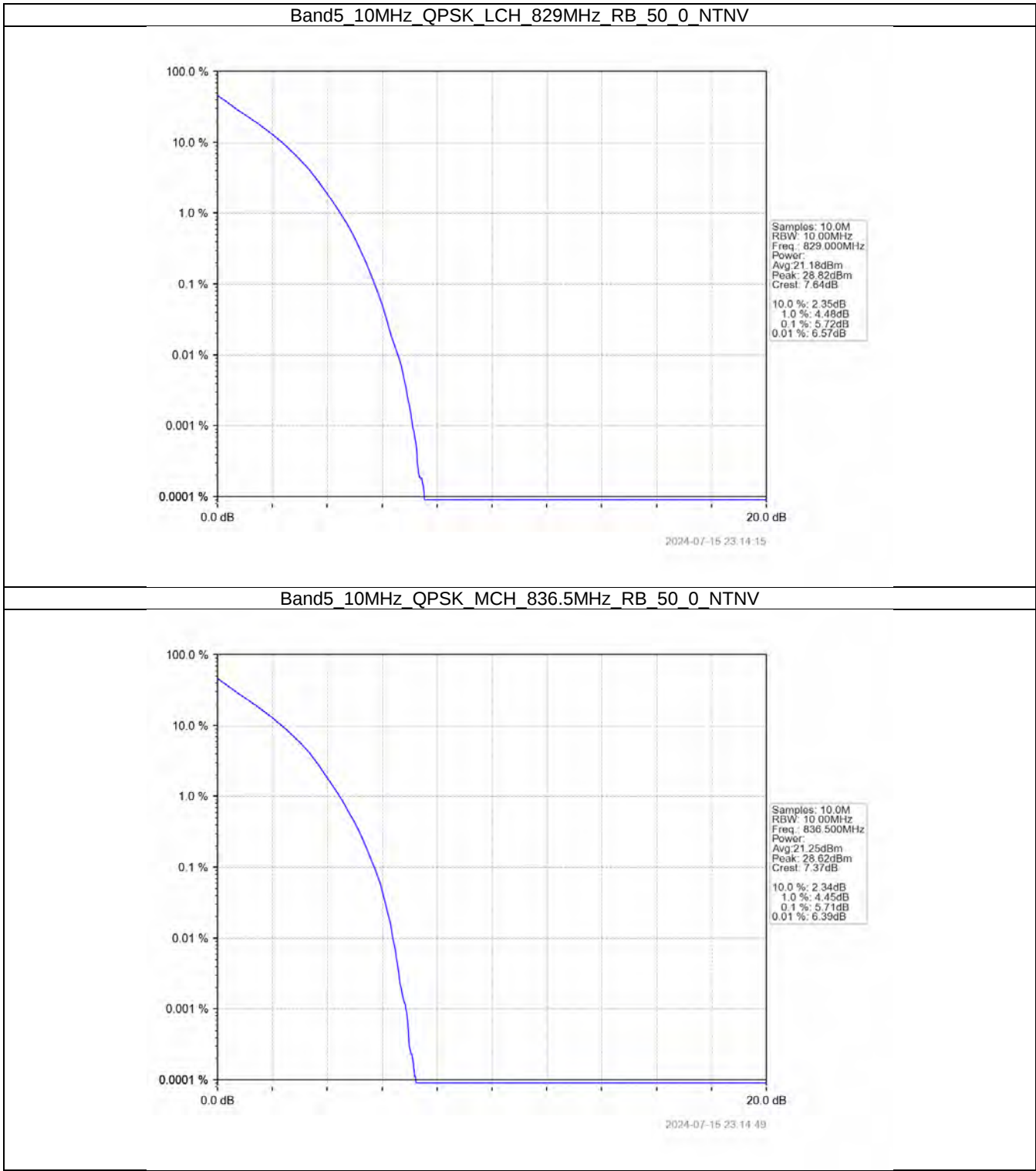
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



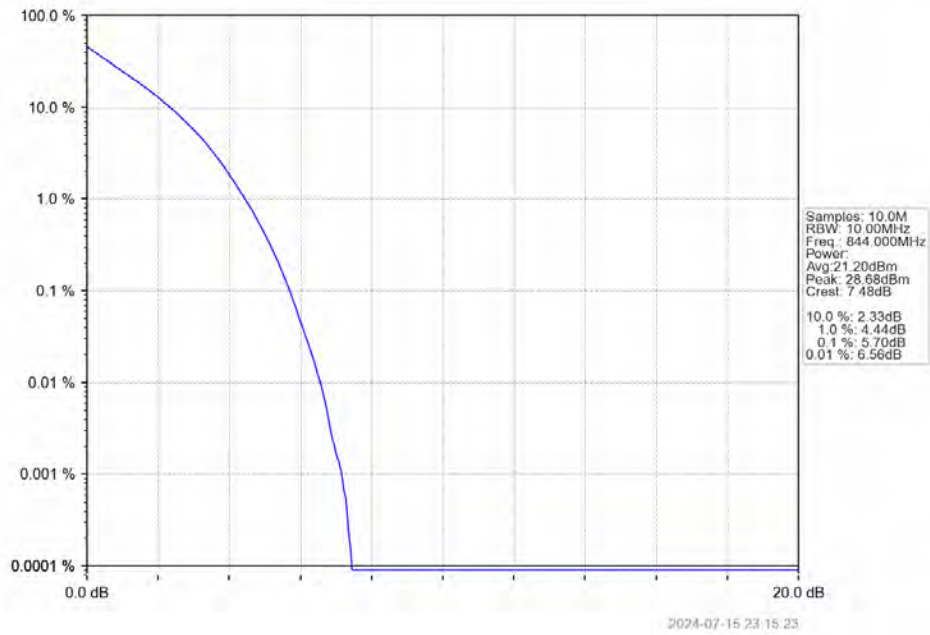
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



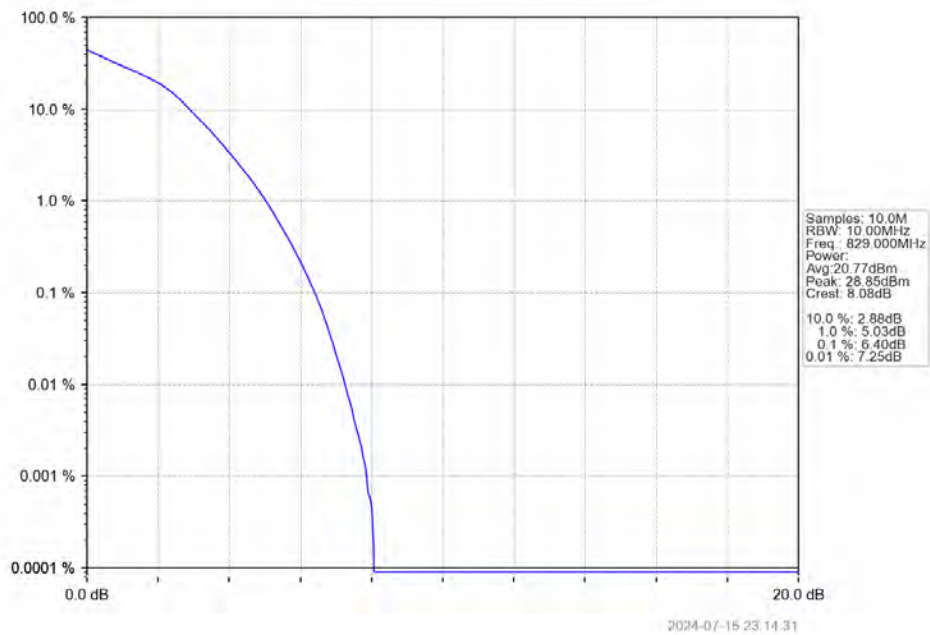
5.2.4 B5_10MHz



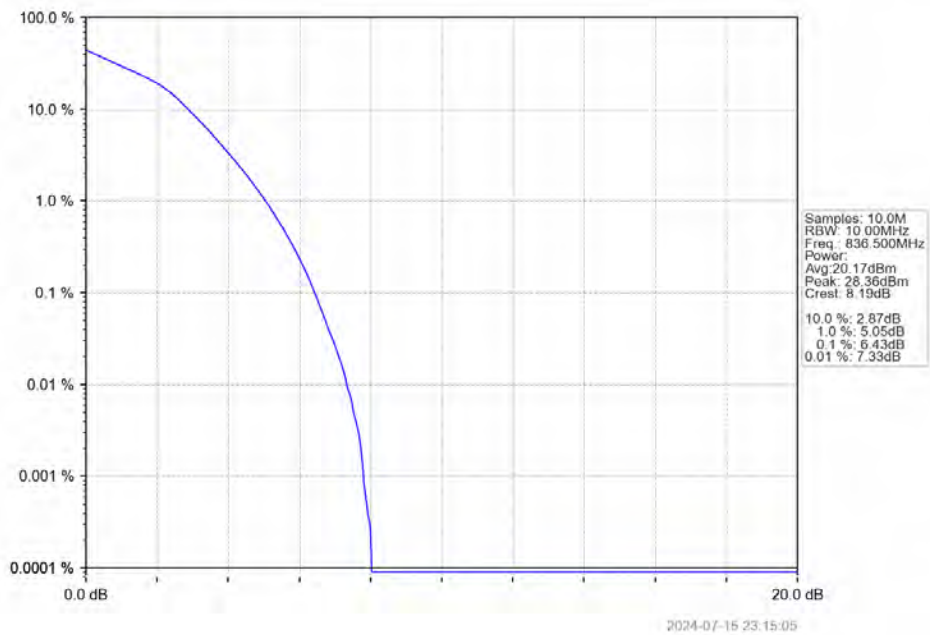
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



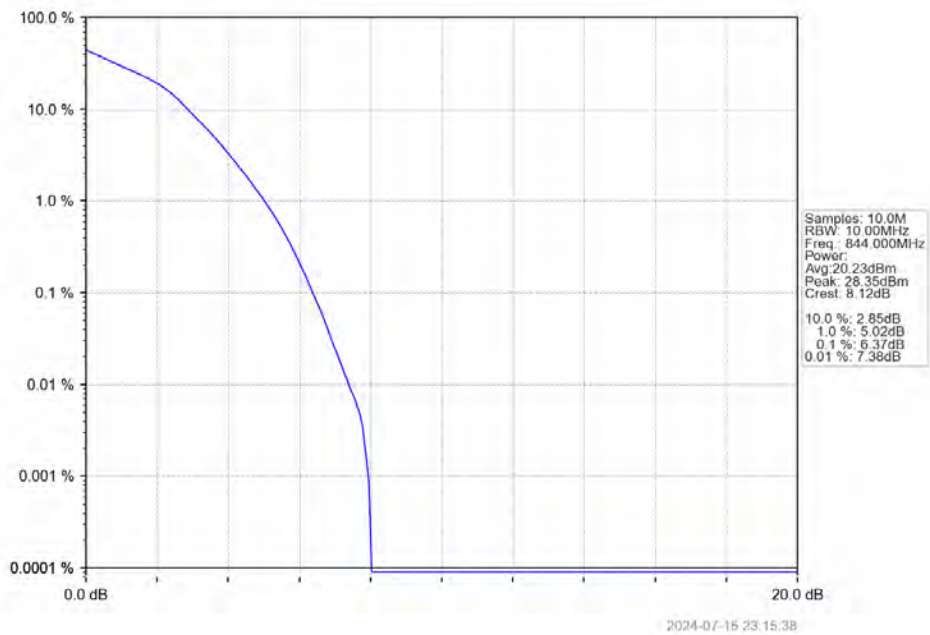
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



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

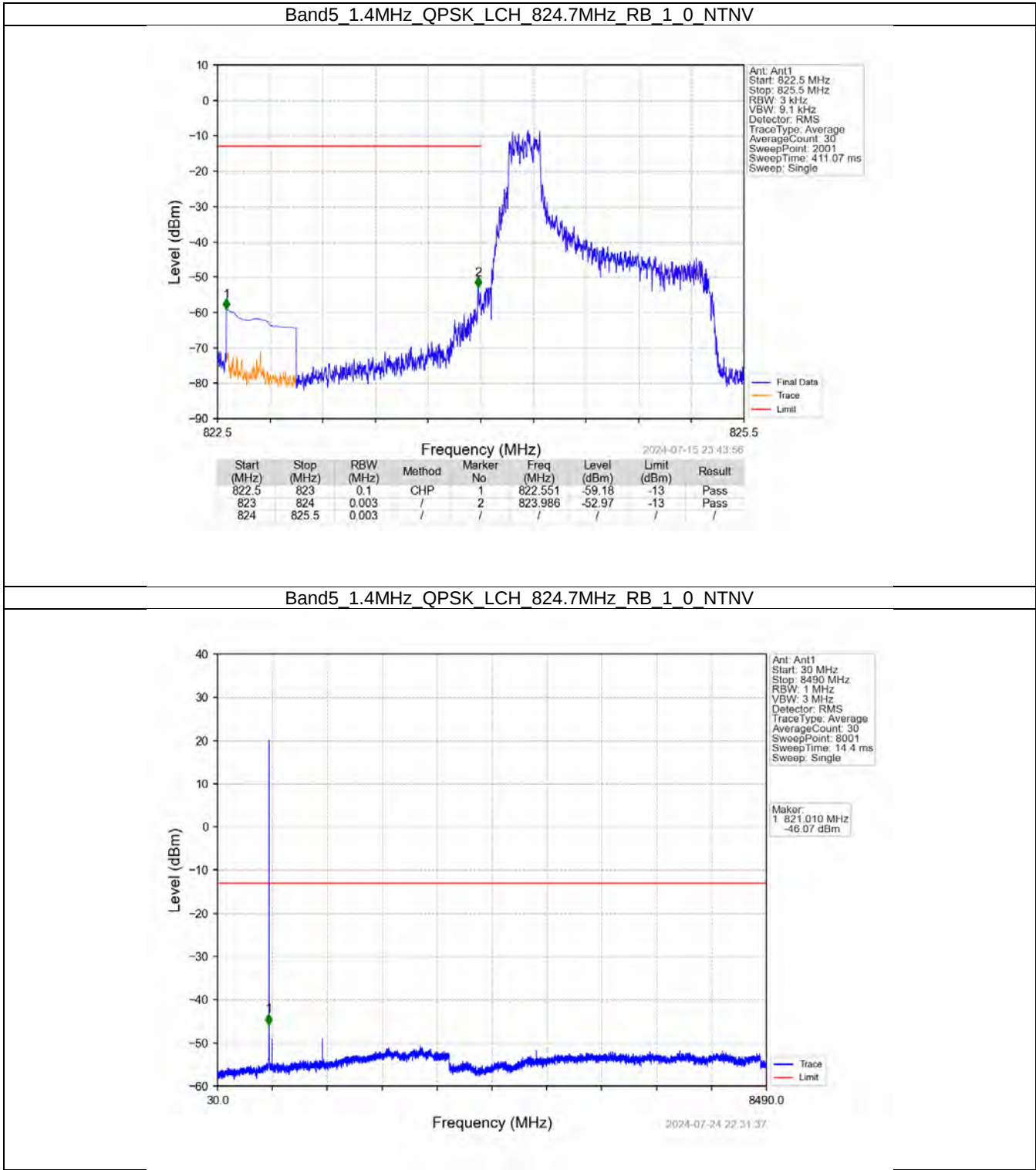
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

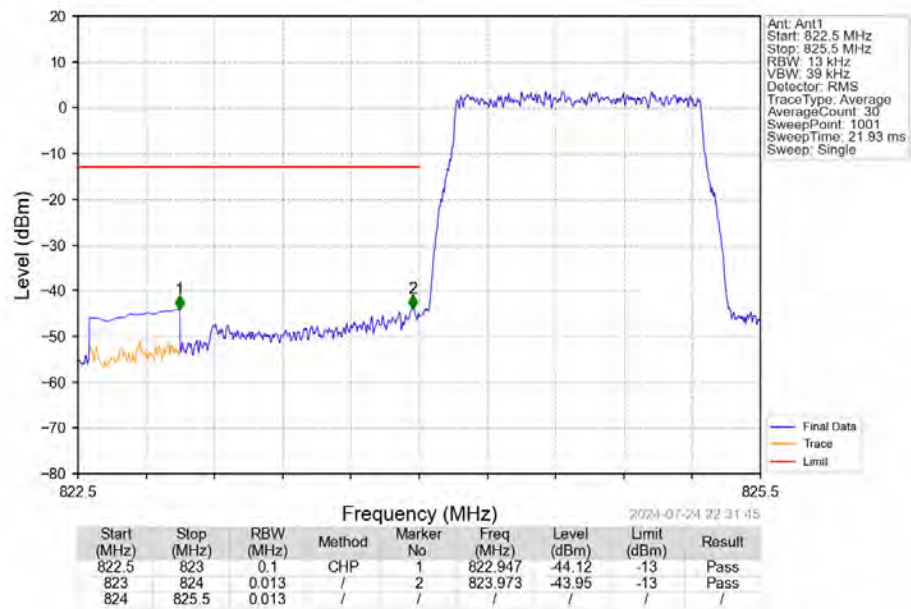
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

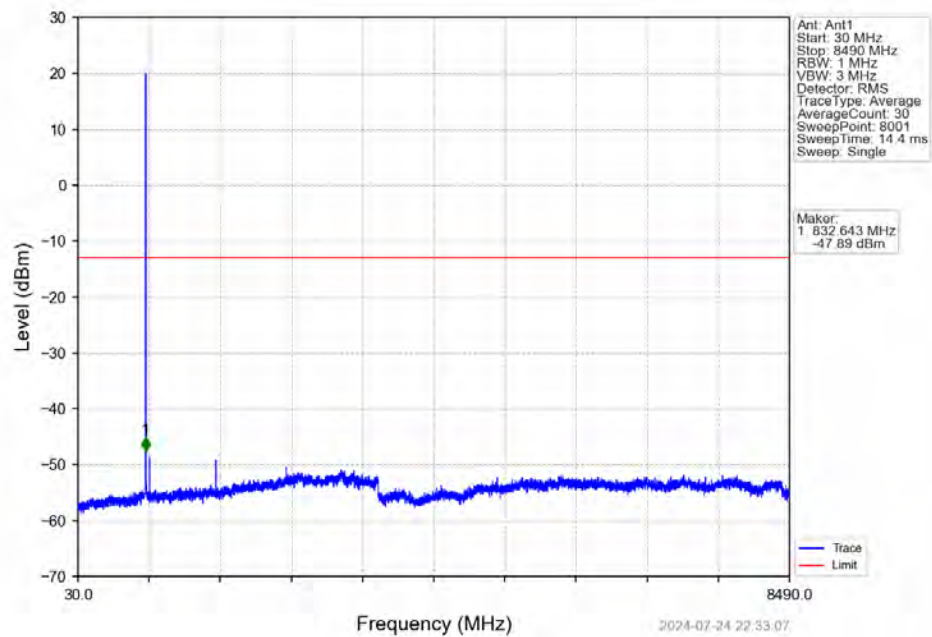
6.2.1 B5_1.4MHz



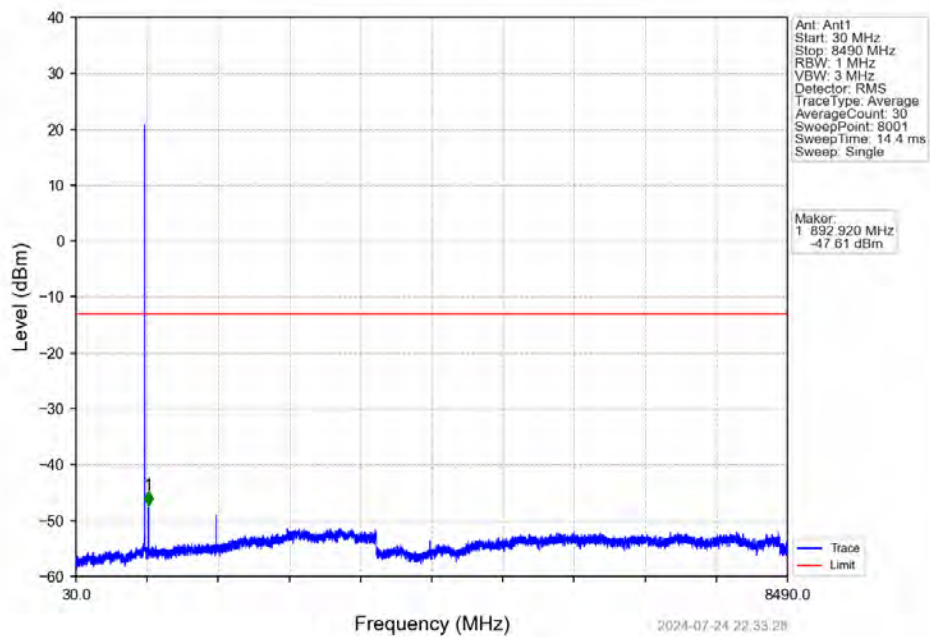
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



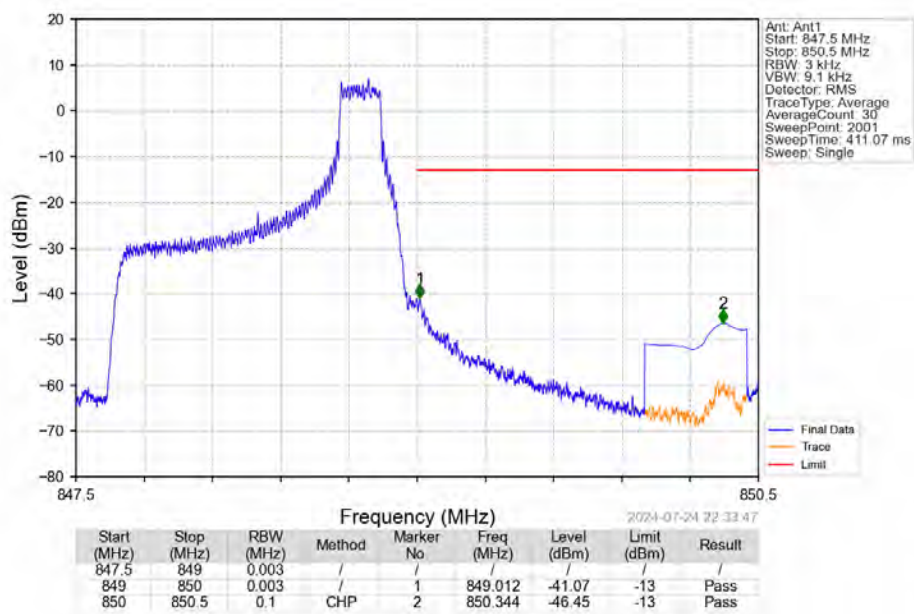
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



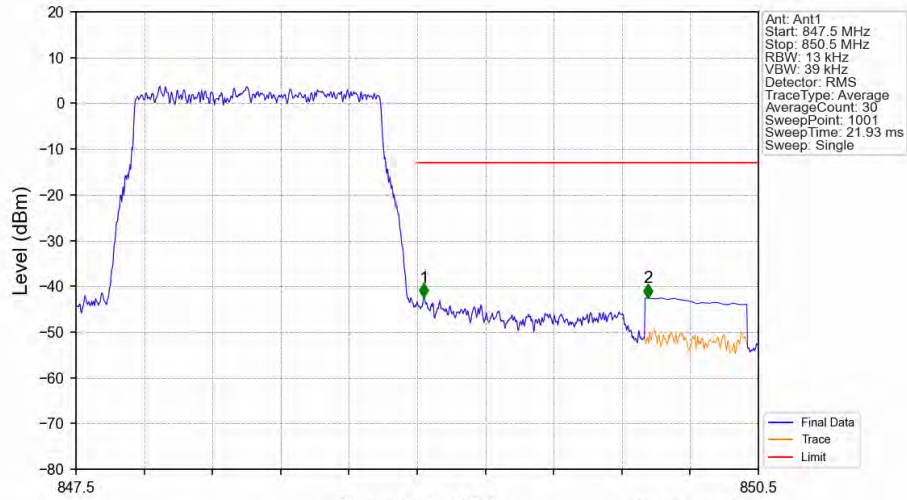
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



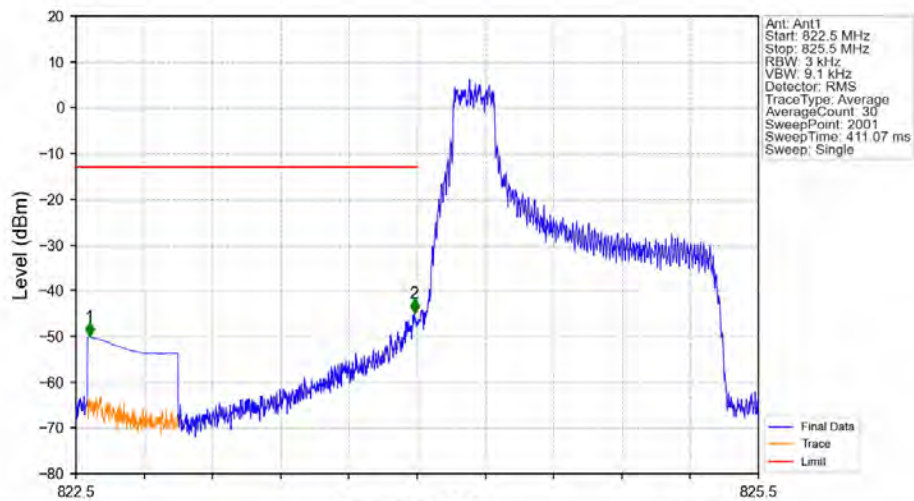
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



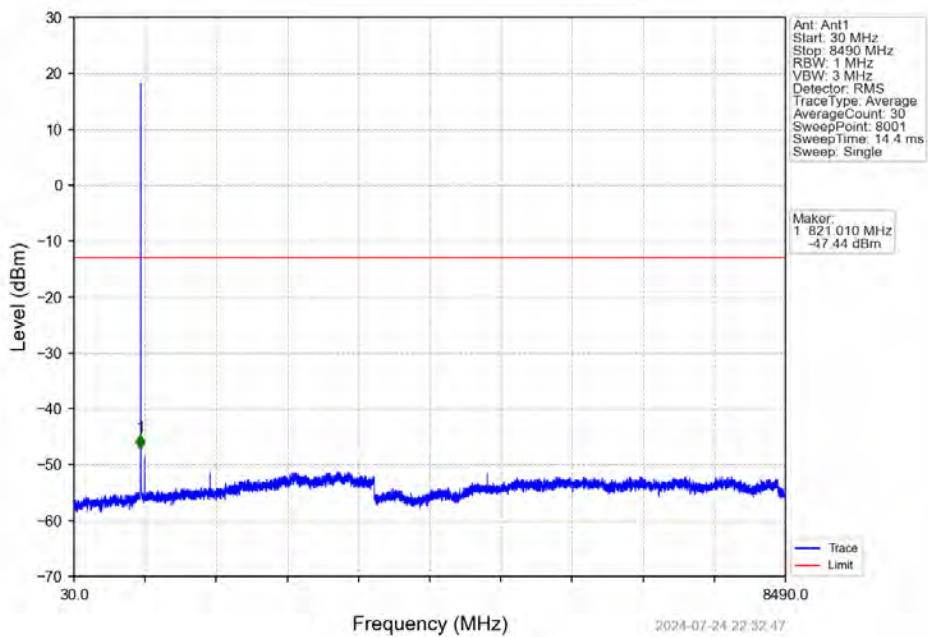
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



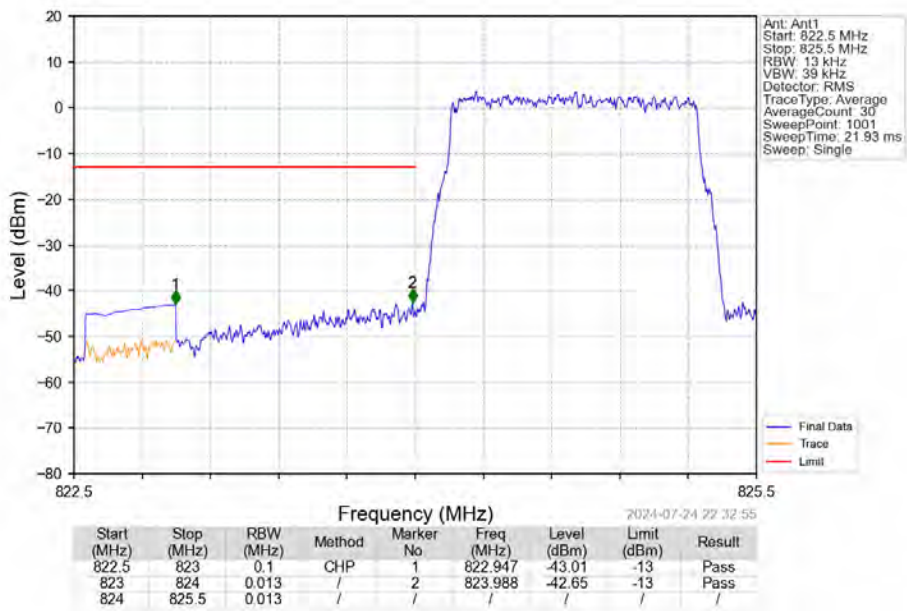
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



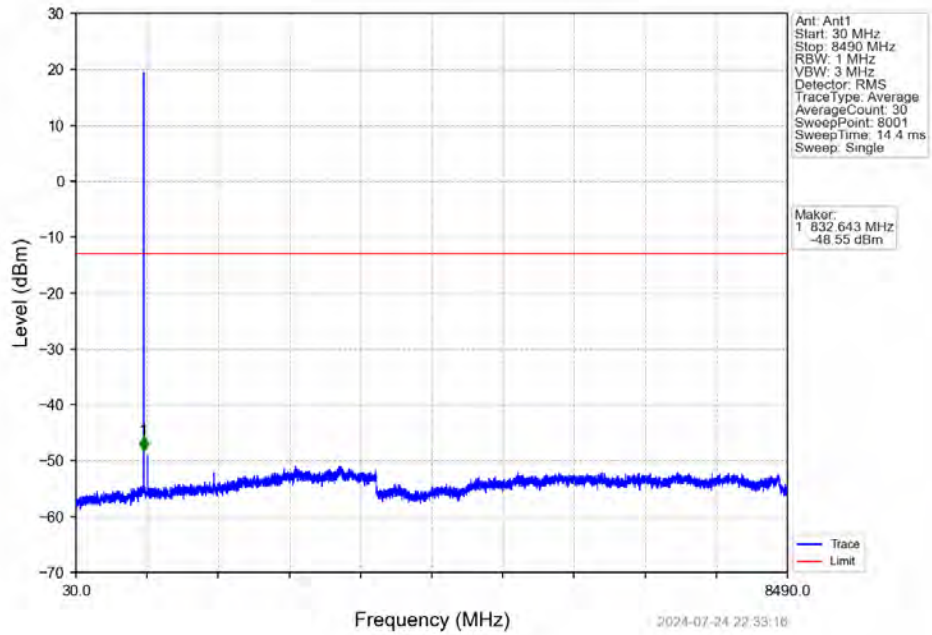
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



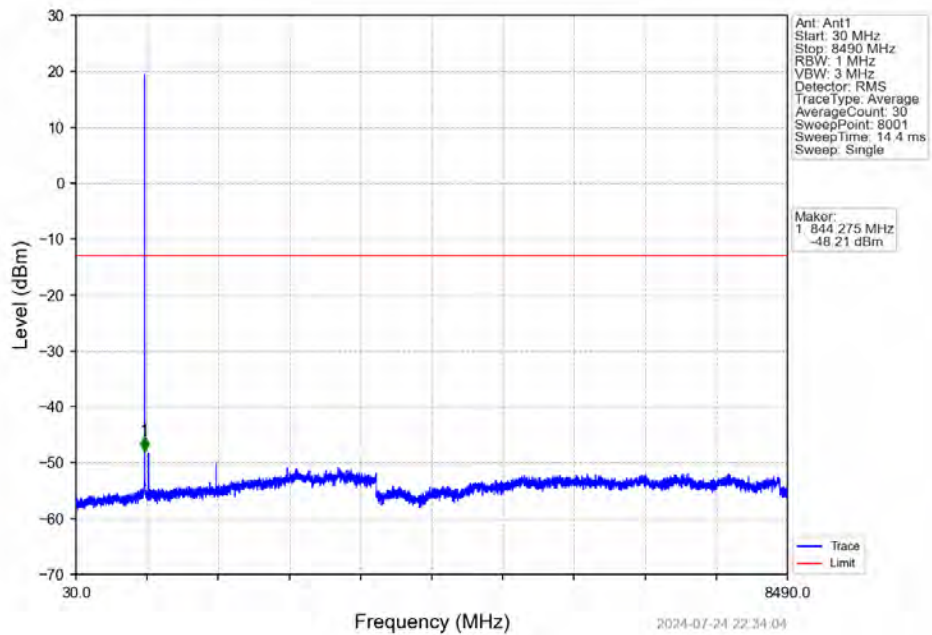
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



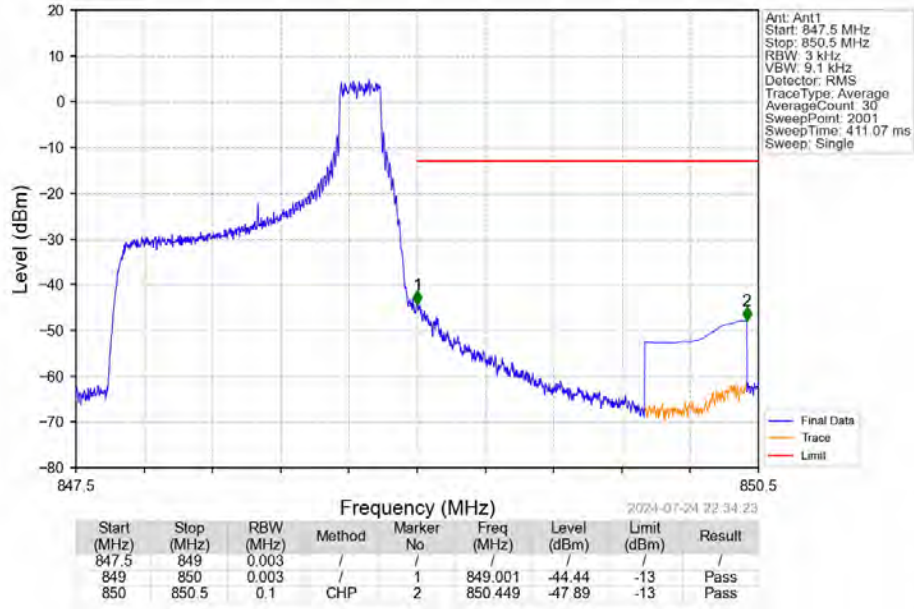
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



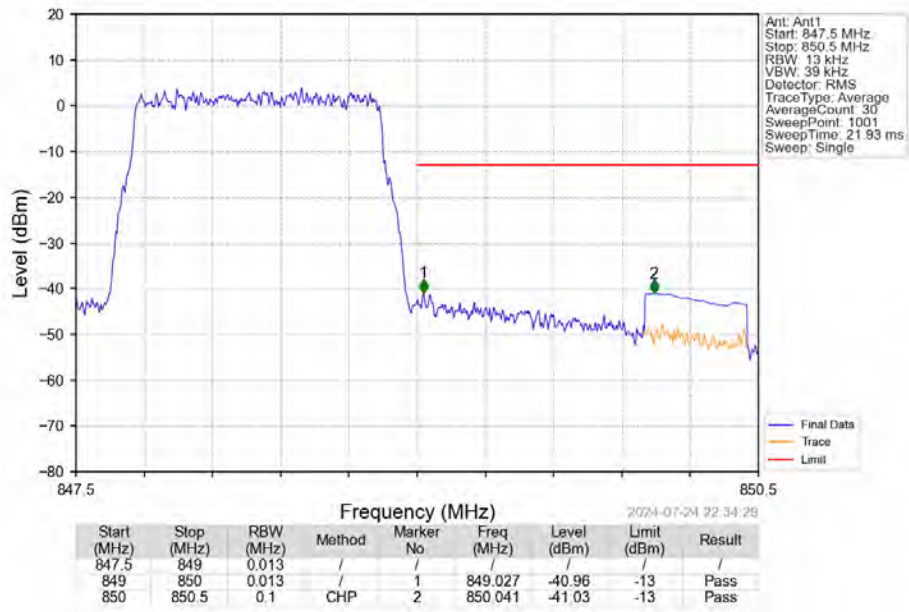
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



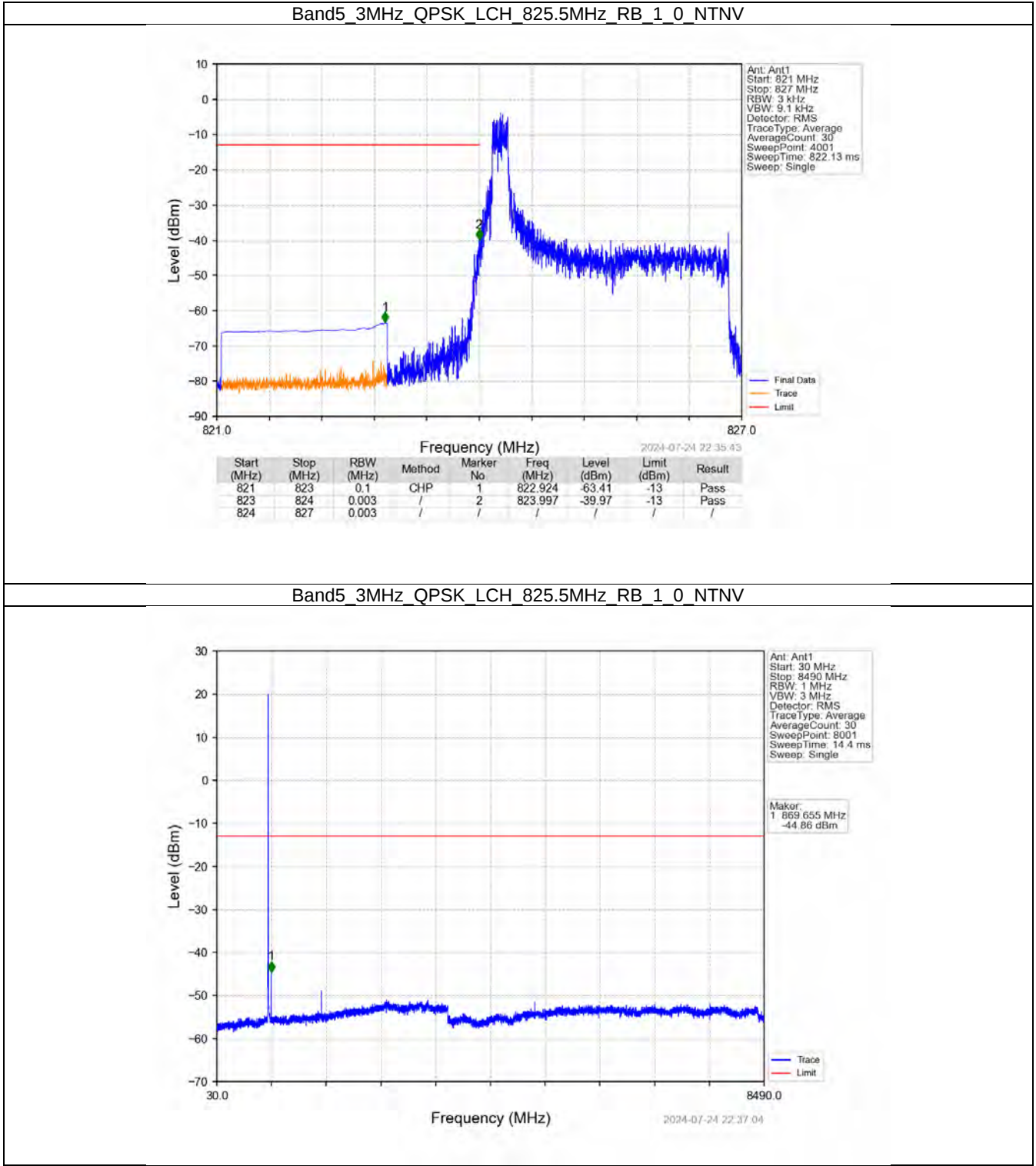
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTNV



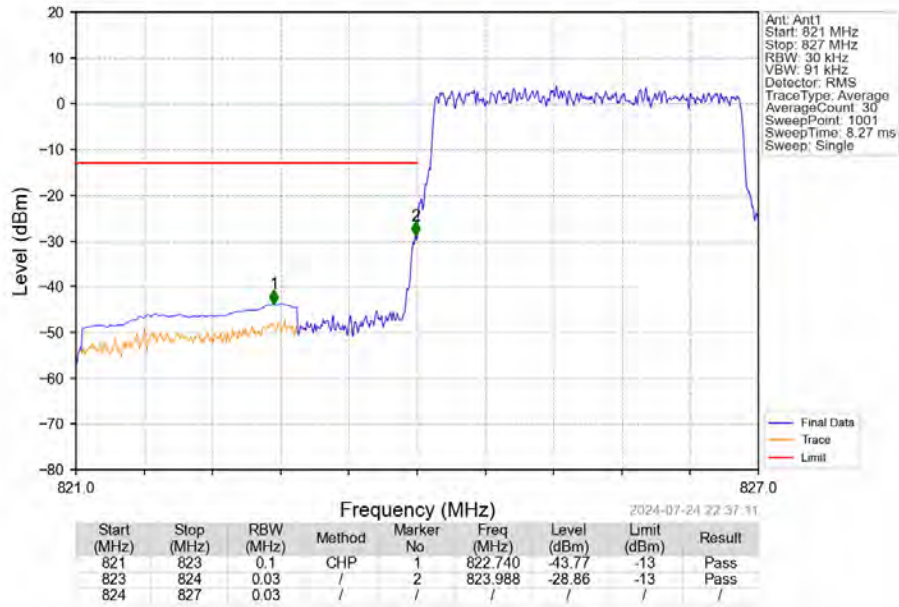
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



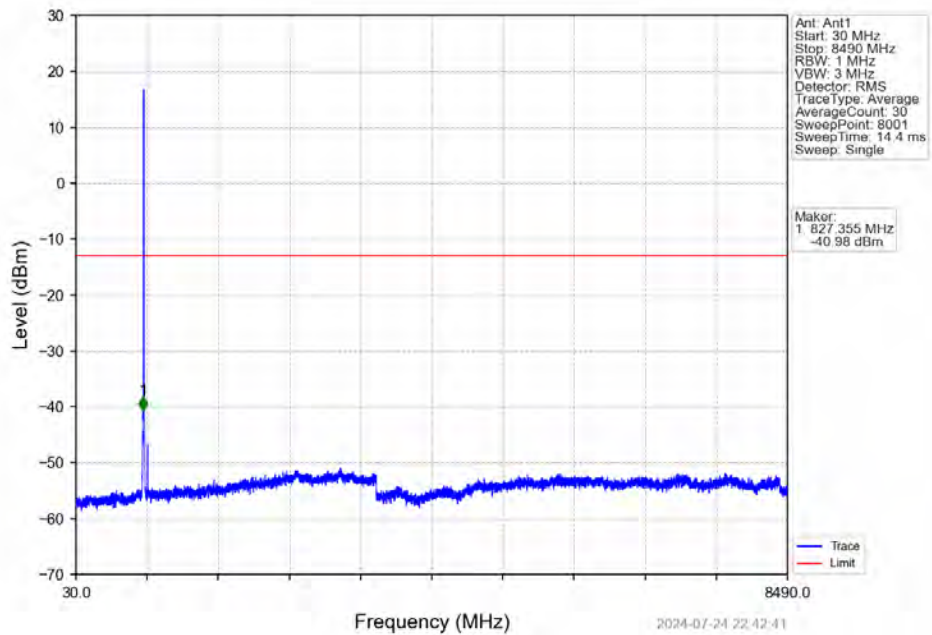
6.2.2 B5_3MHz



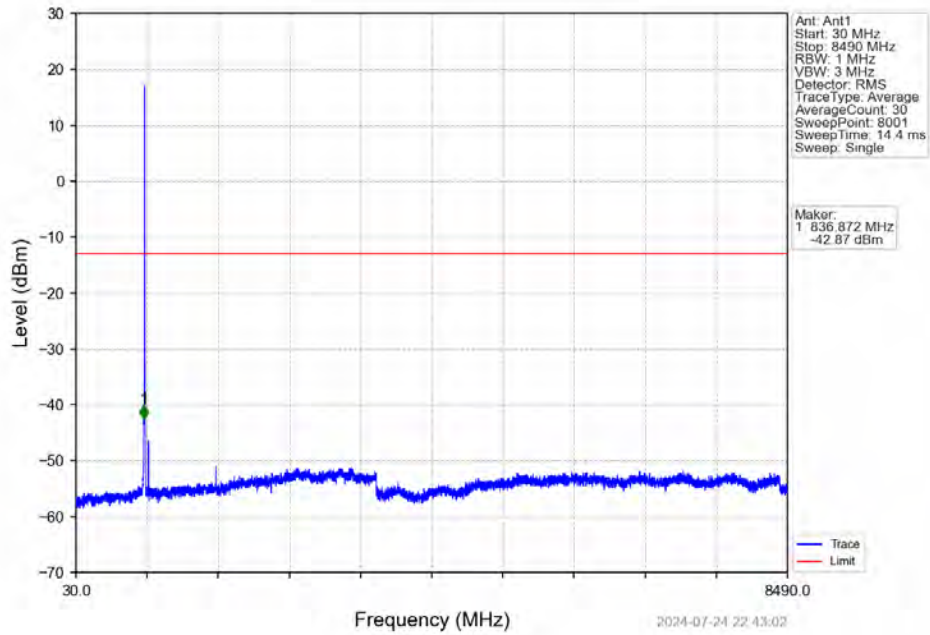
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



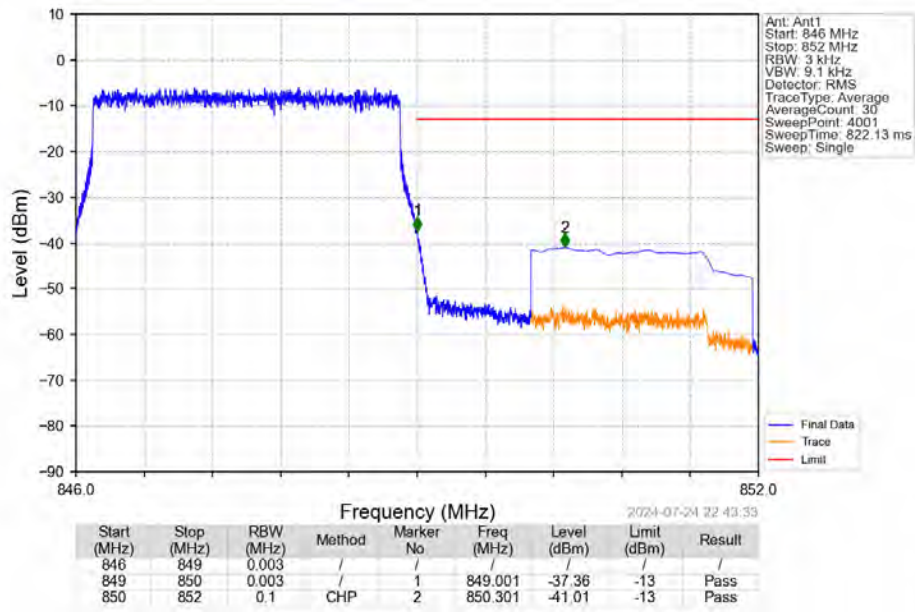
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



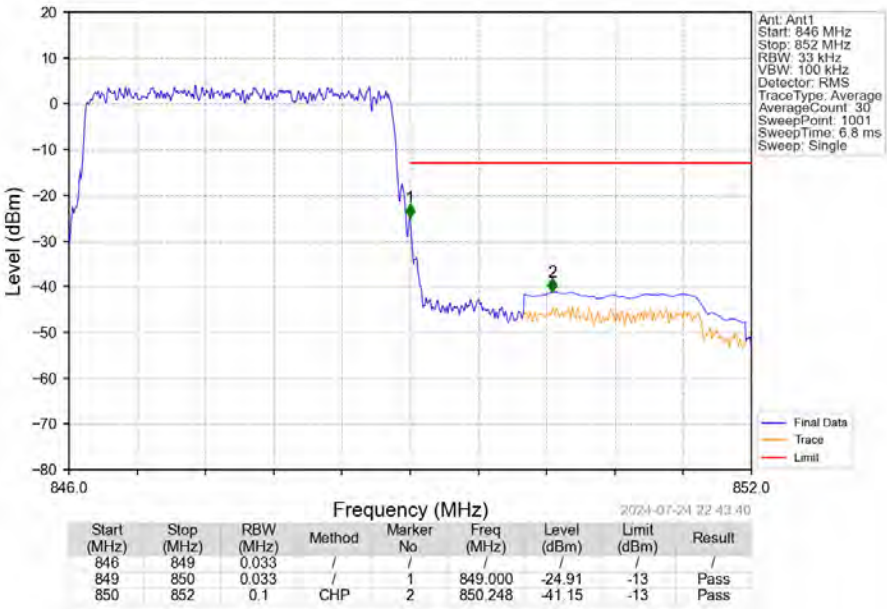
Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTN



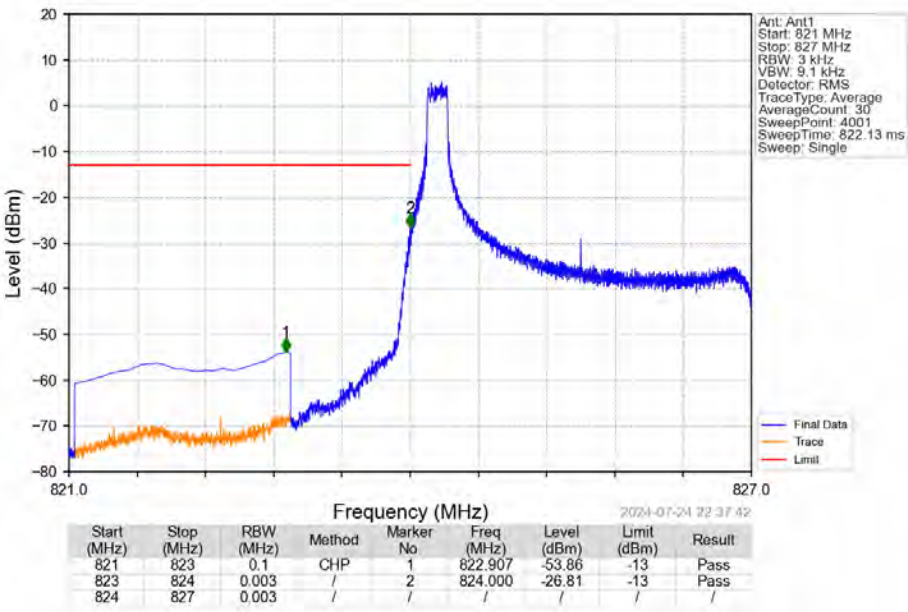
Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTN



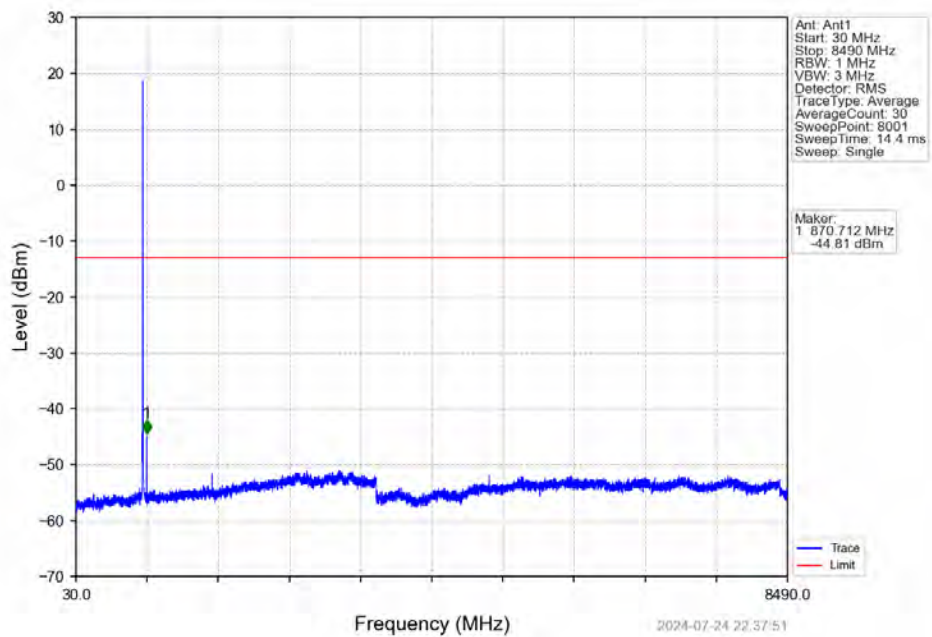
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



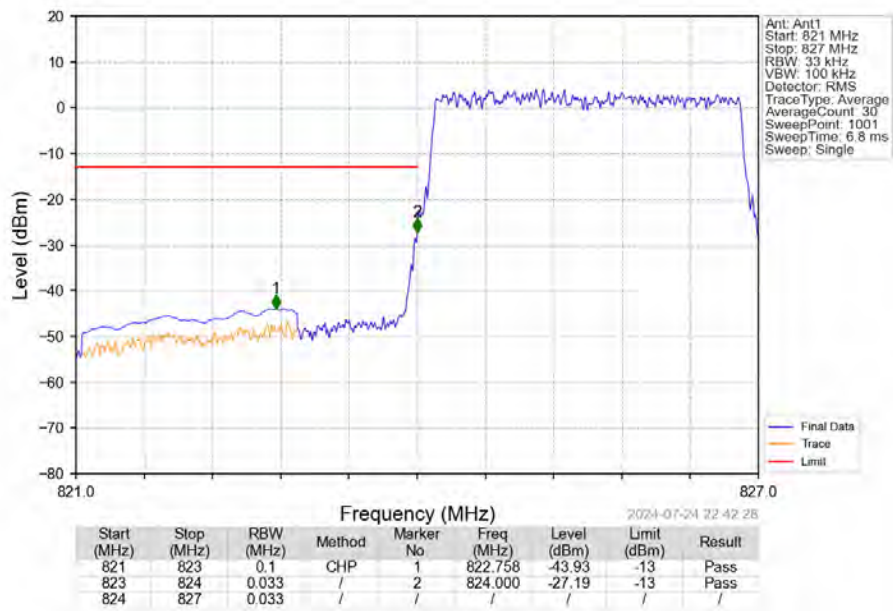
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTN



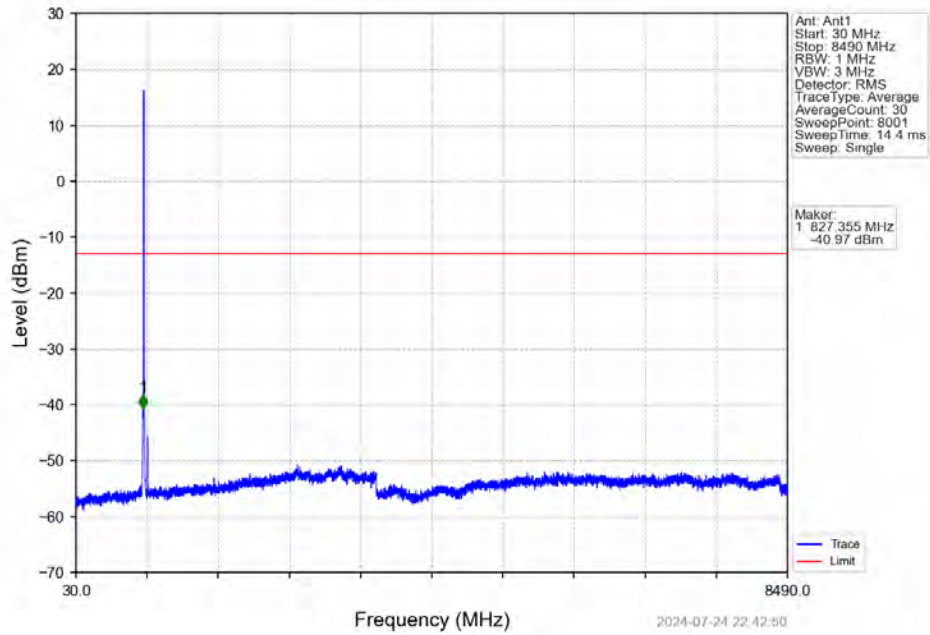
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTN



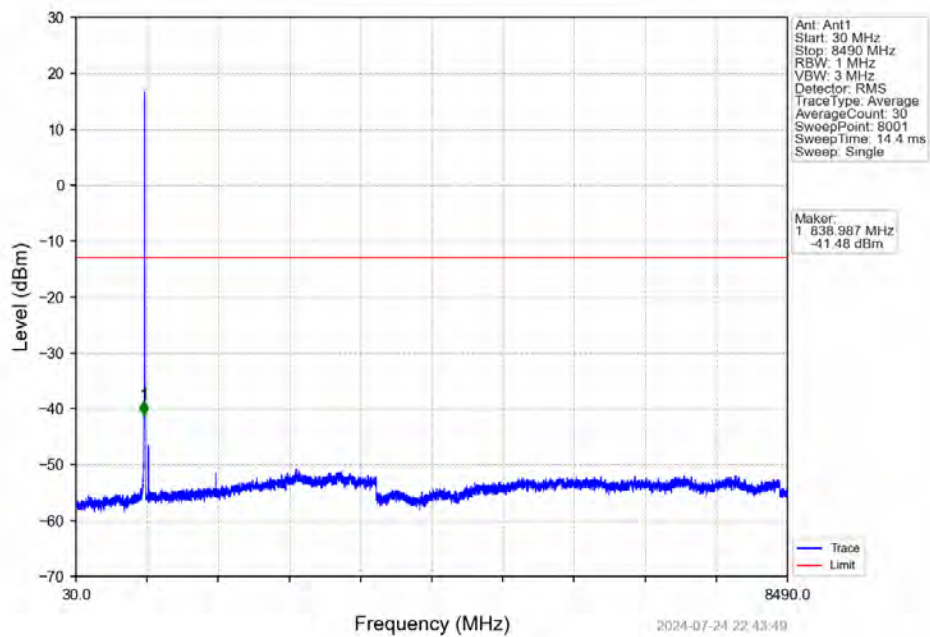
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



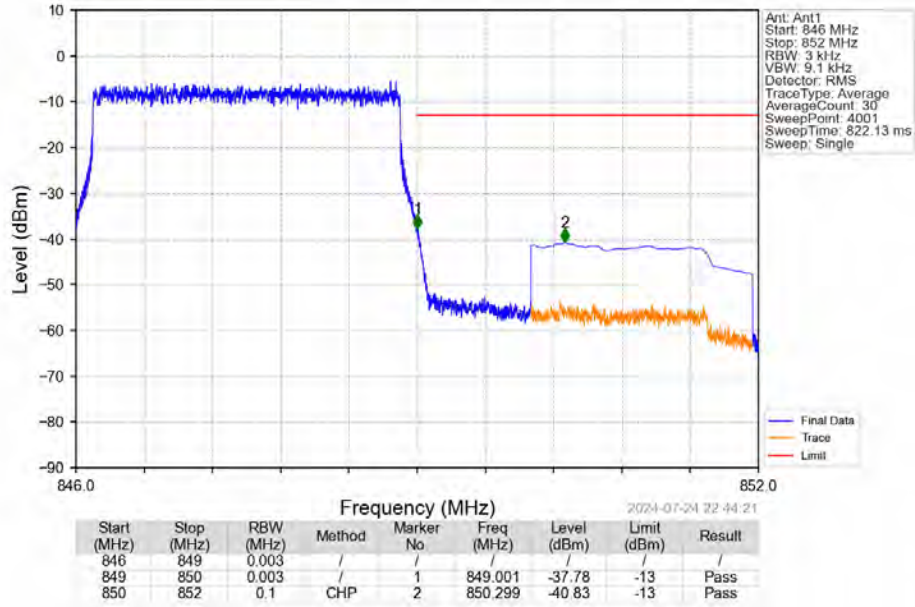
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



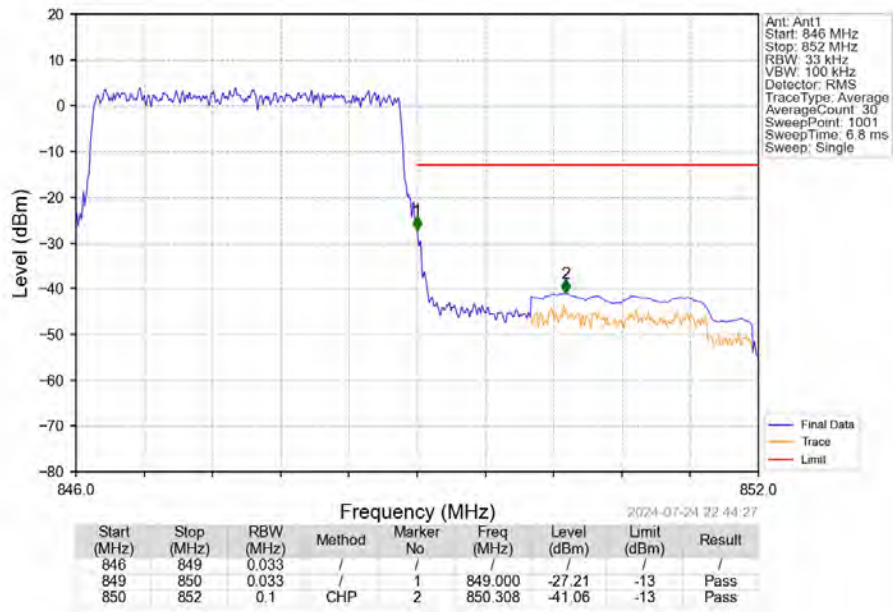
Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTNV



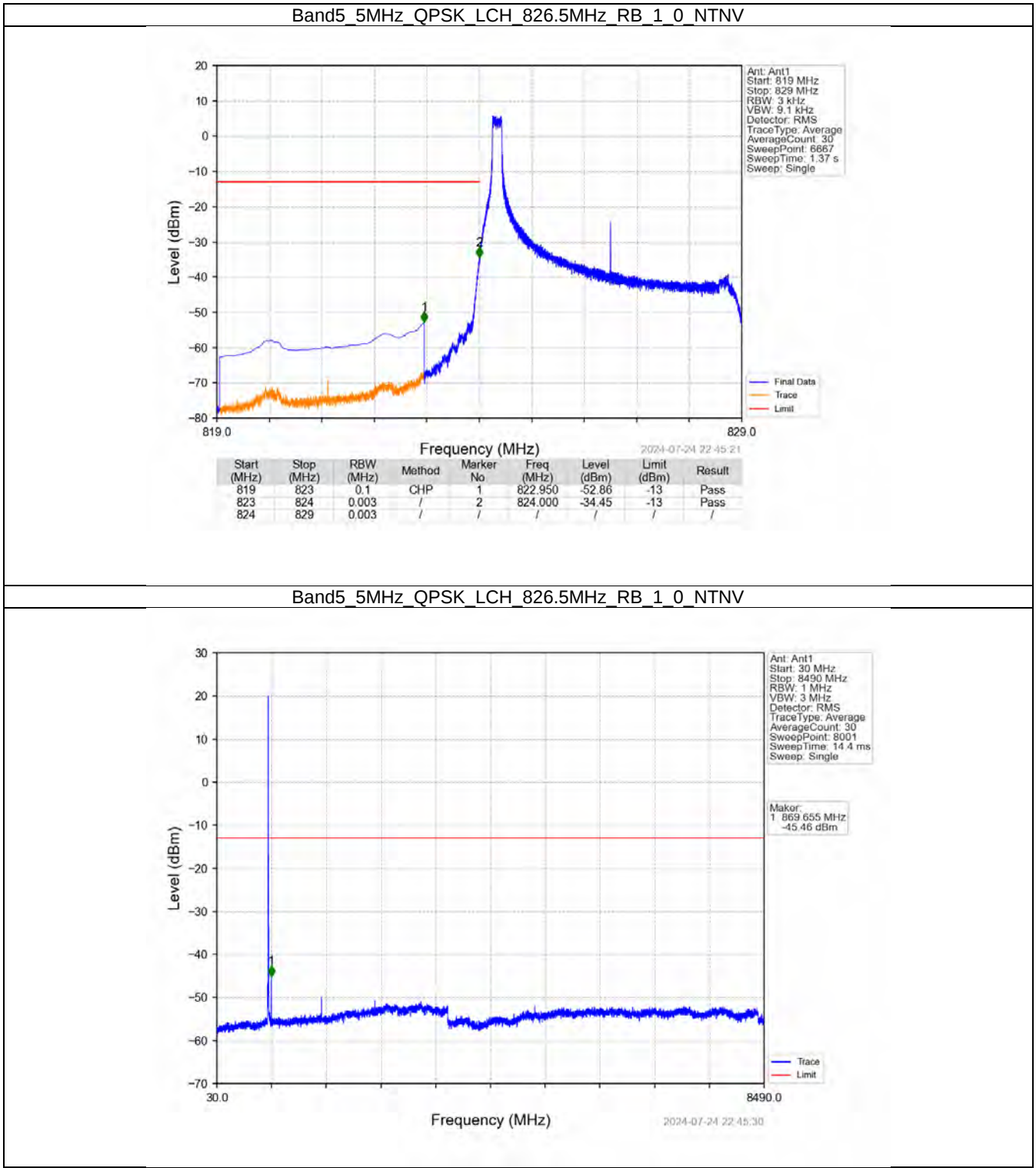
Band5 3MHz 16QAM HCH 847.5MHz RB 1 14 NTV



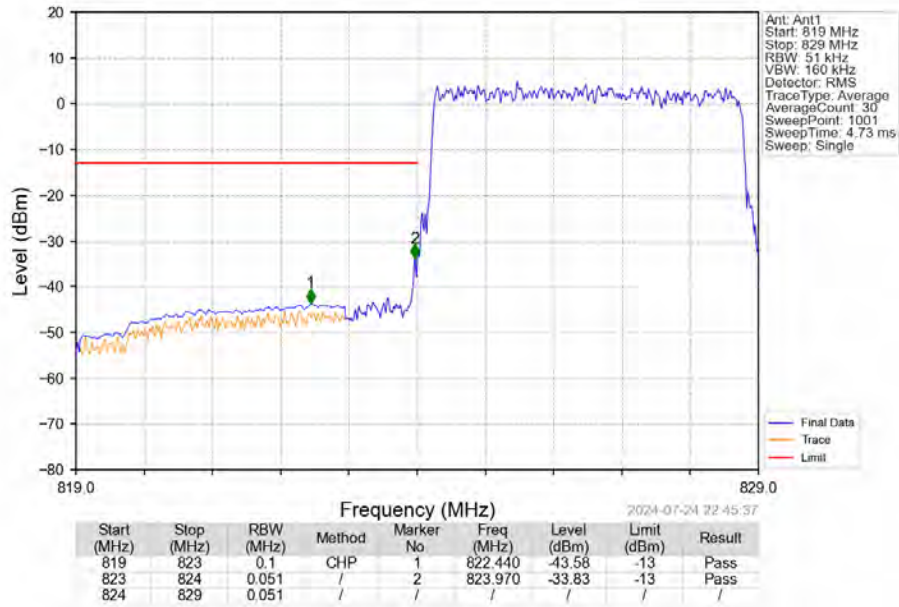
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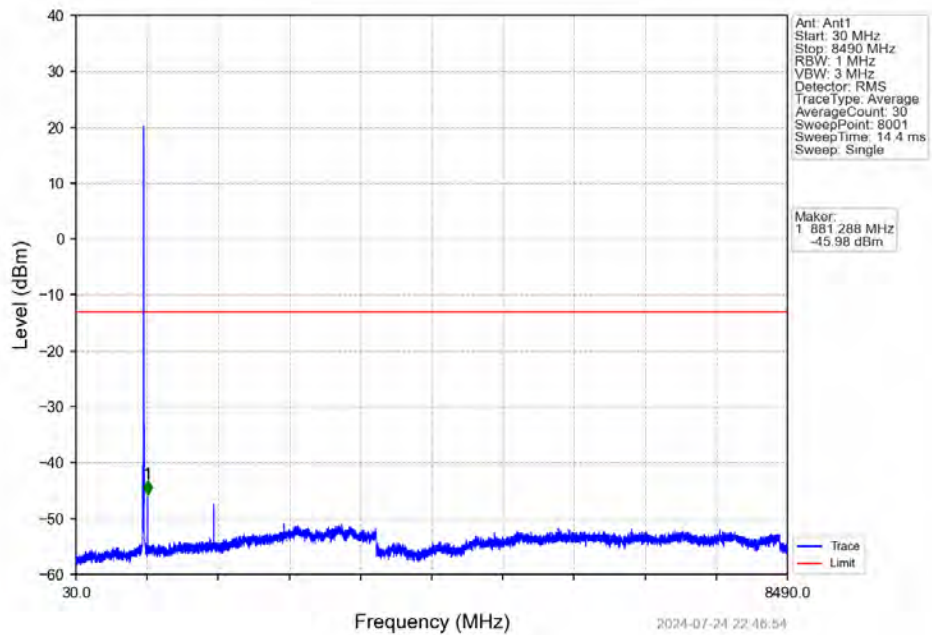
6.2.3 B5_5MHz



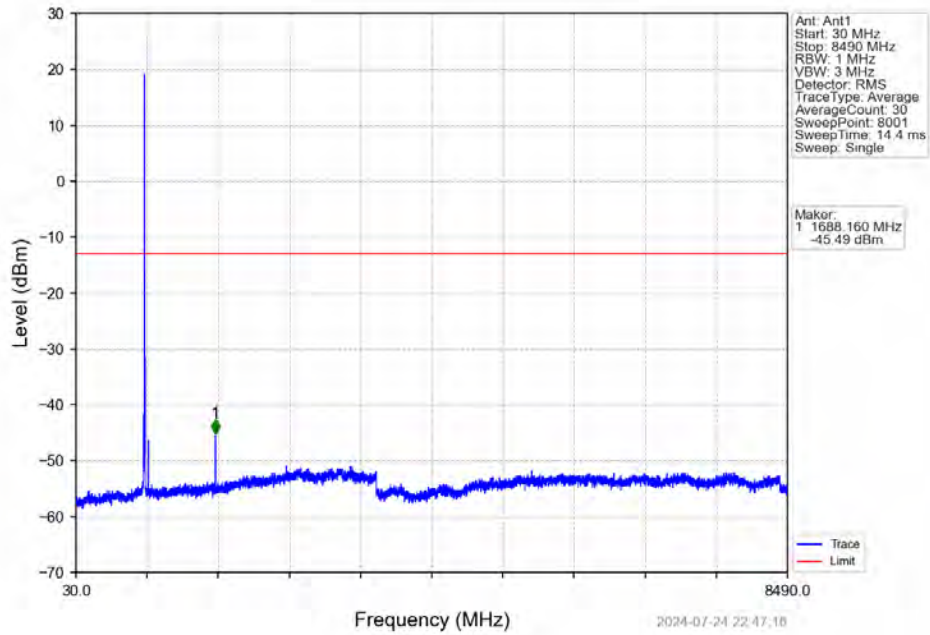
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



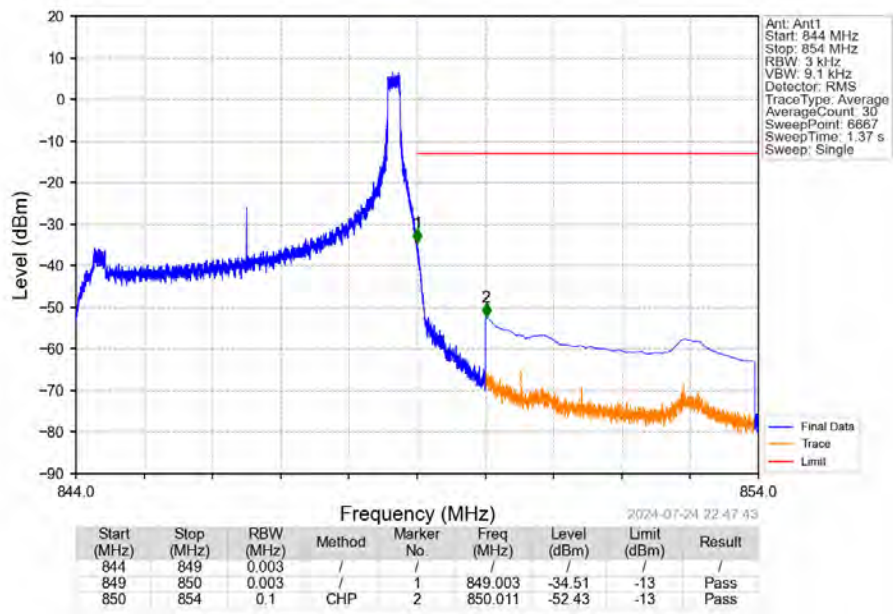
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV



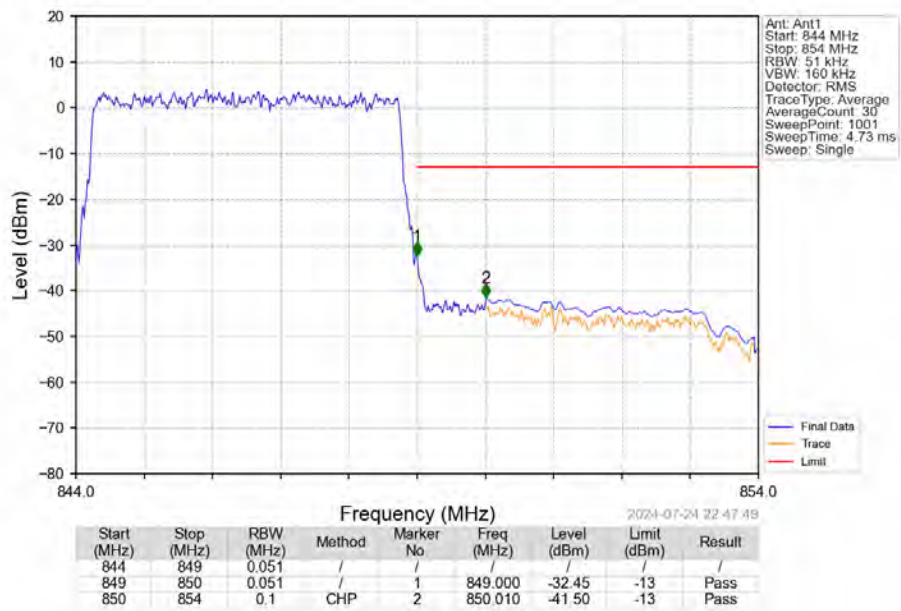
Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTN



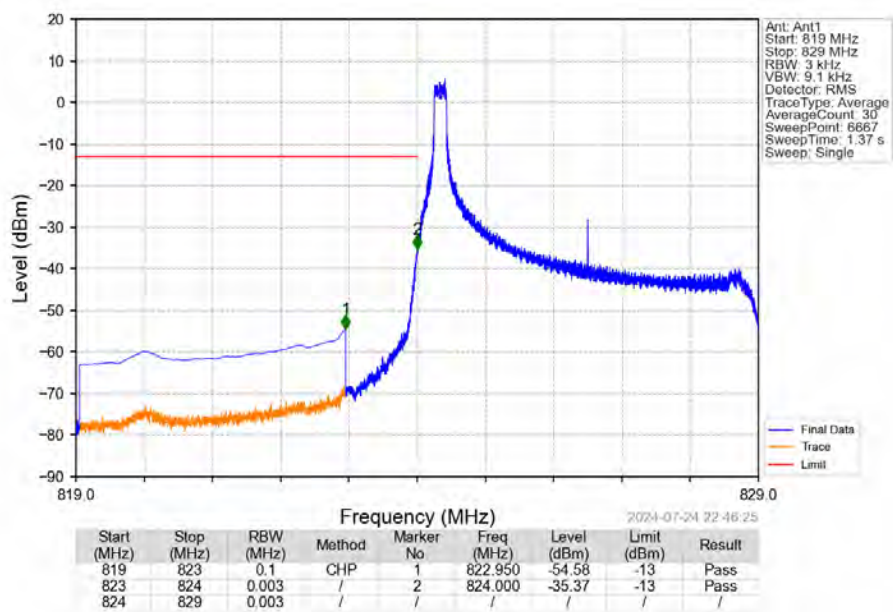
Band5 5MHz QPSK HCH 846.5MHz RB 1 24 NTN



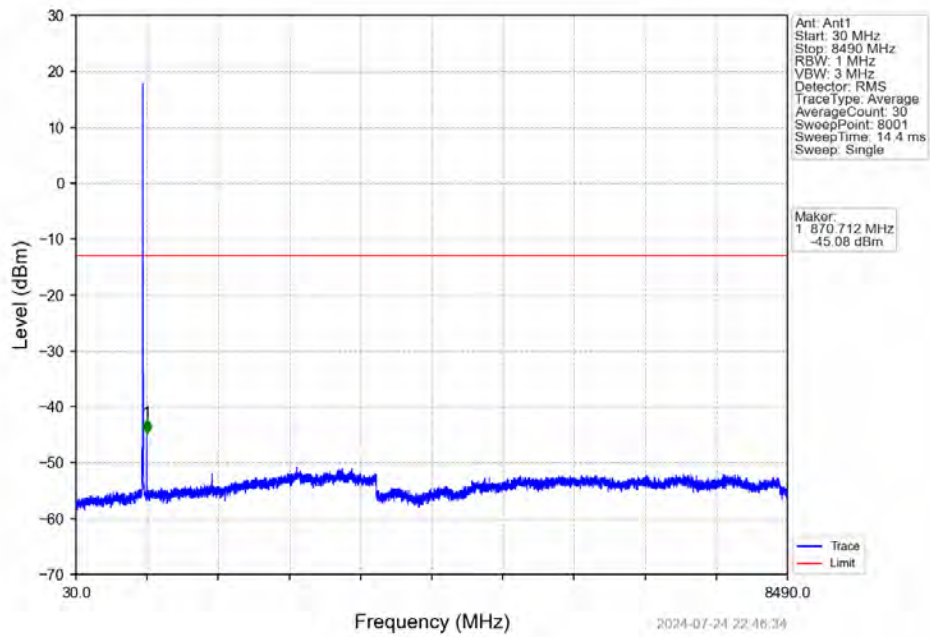
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



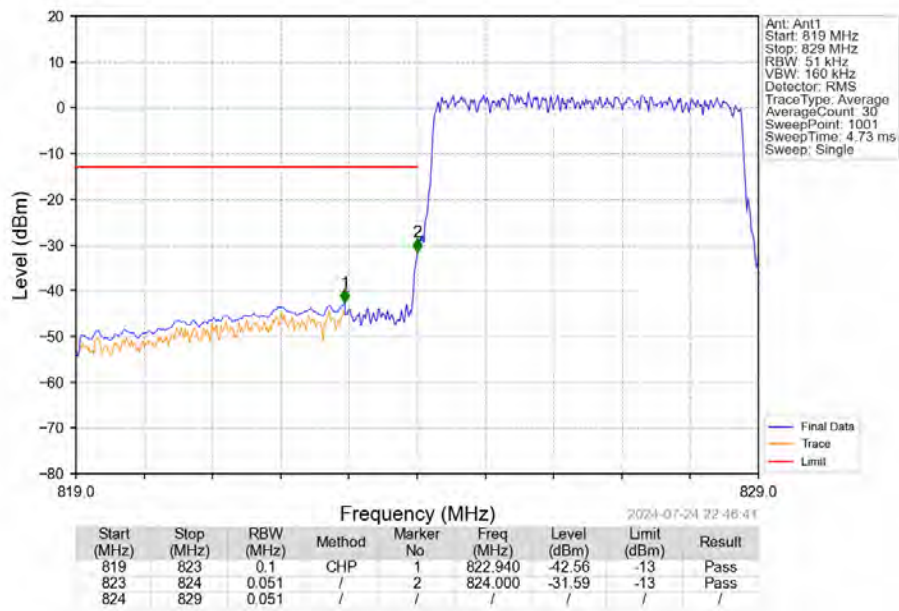
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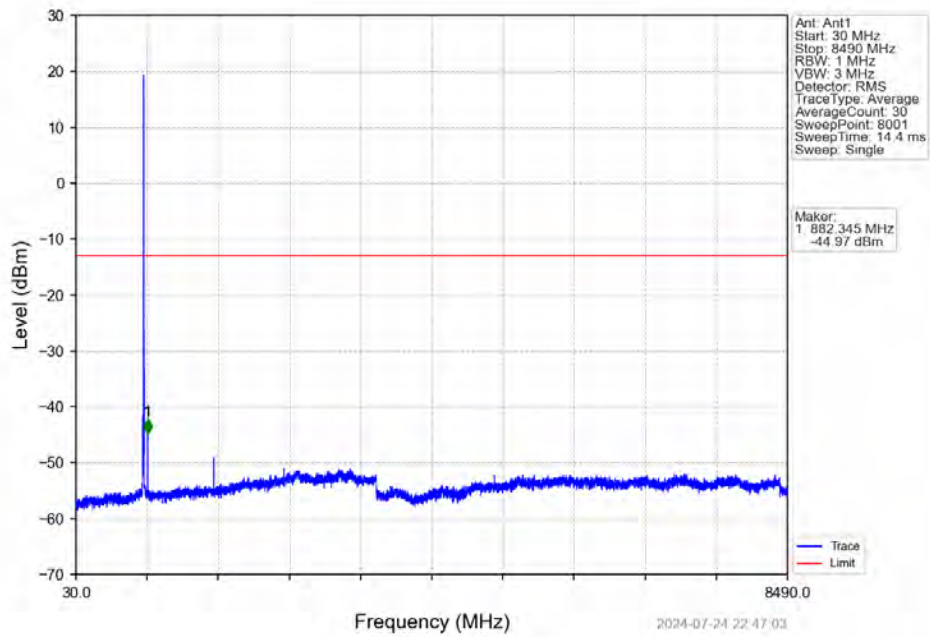
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN



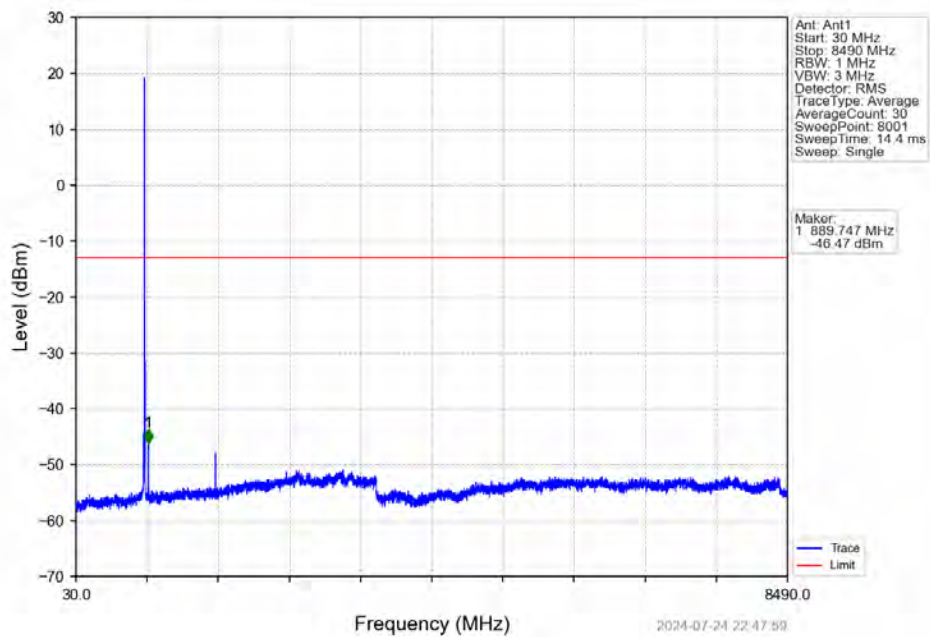
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



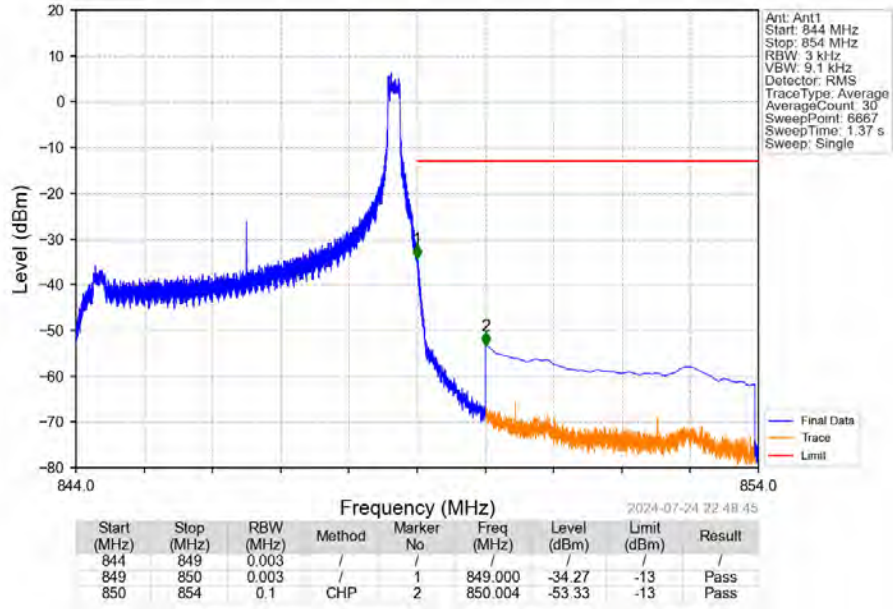
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



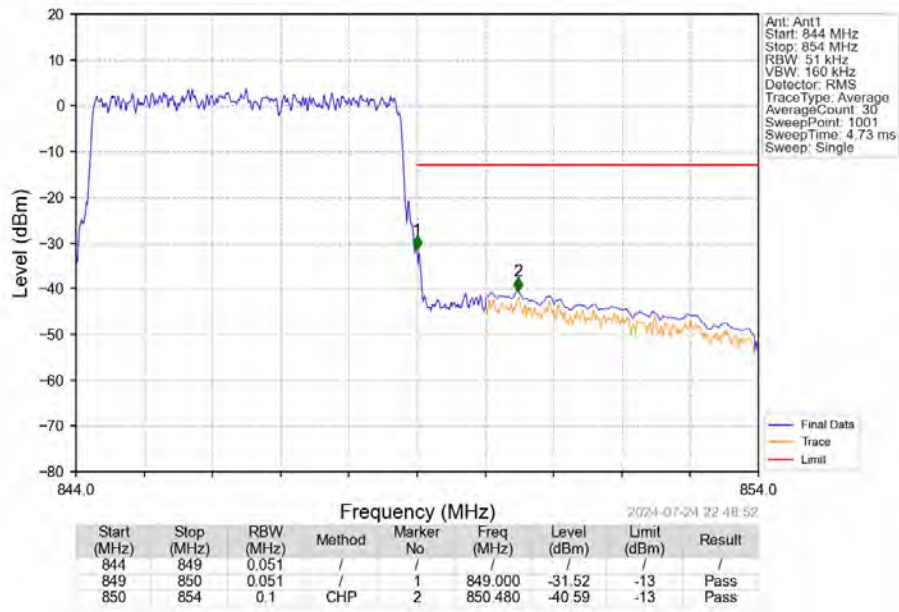
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



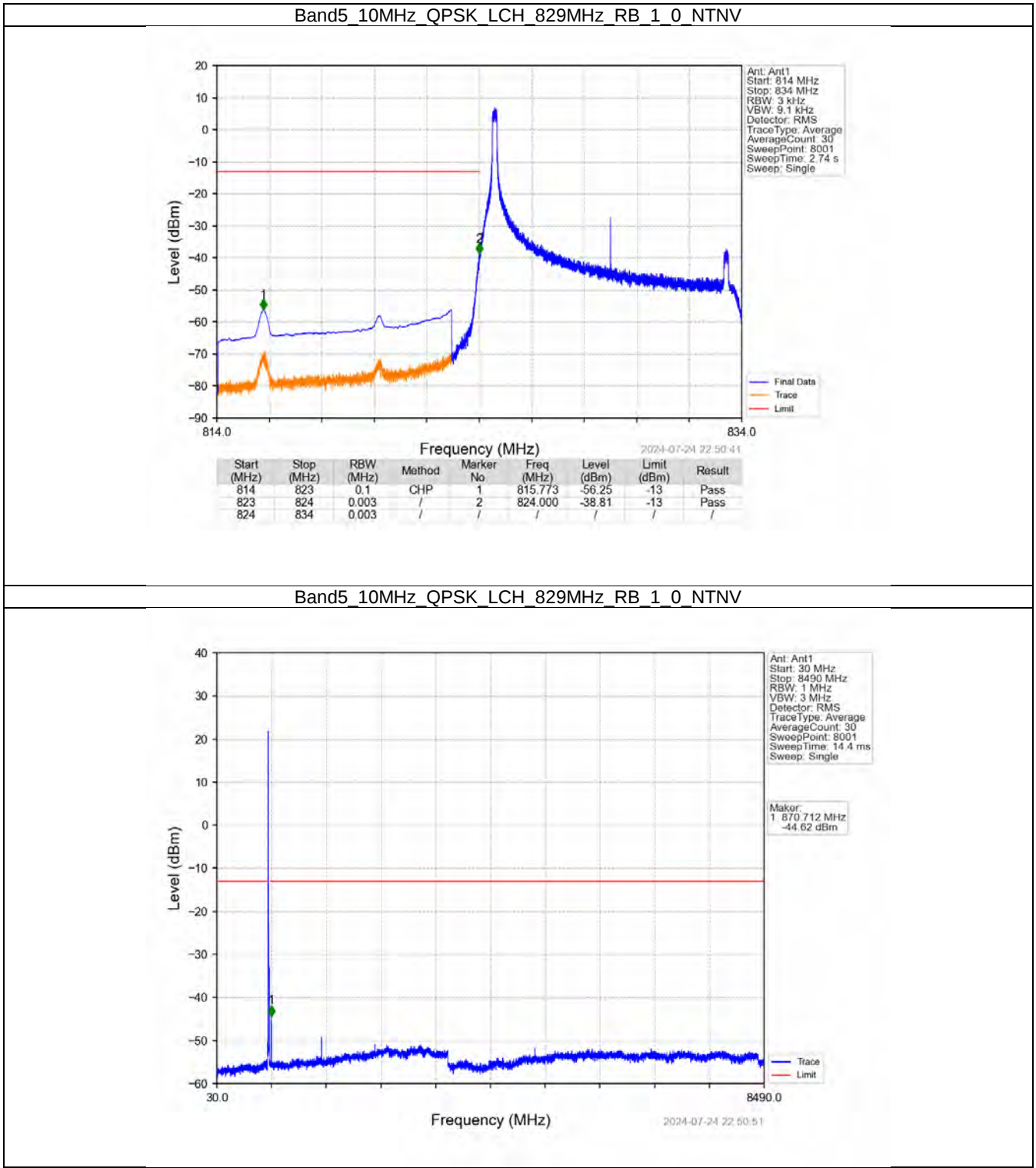
Band5 5MHz 16QAM HCH 846.5MHz RB 1 24 NTV



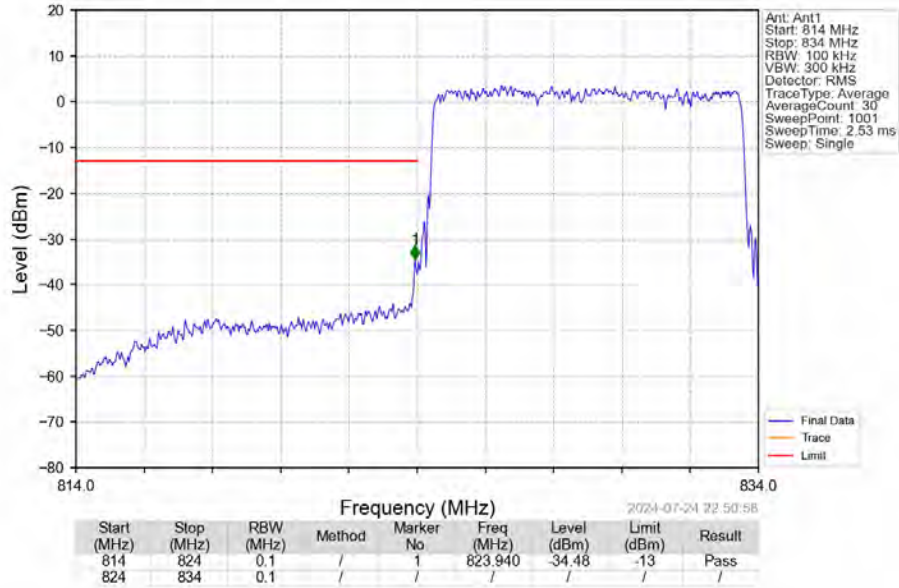
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



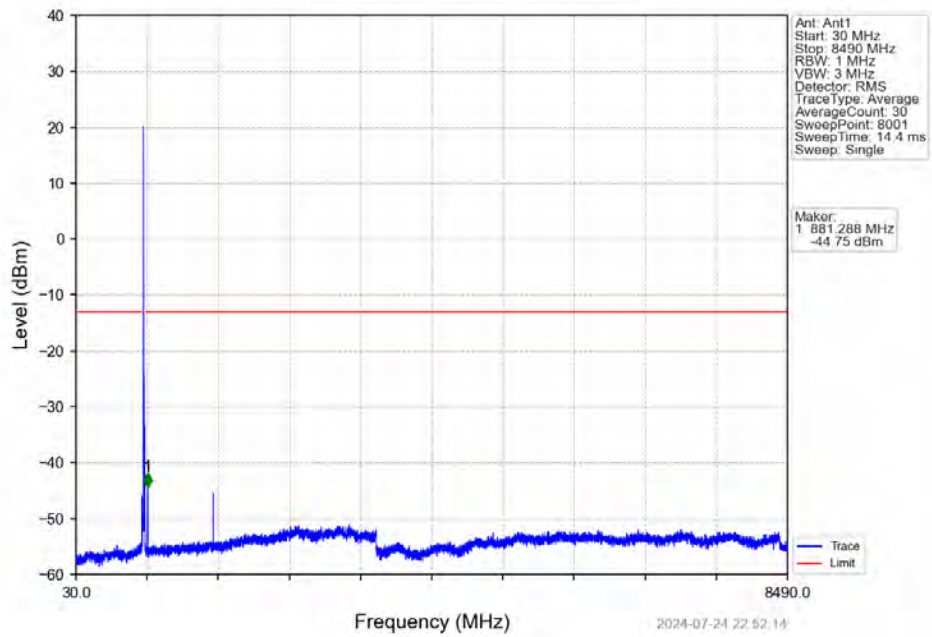
6.2.4 B5_10MHz



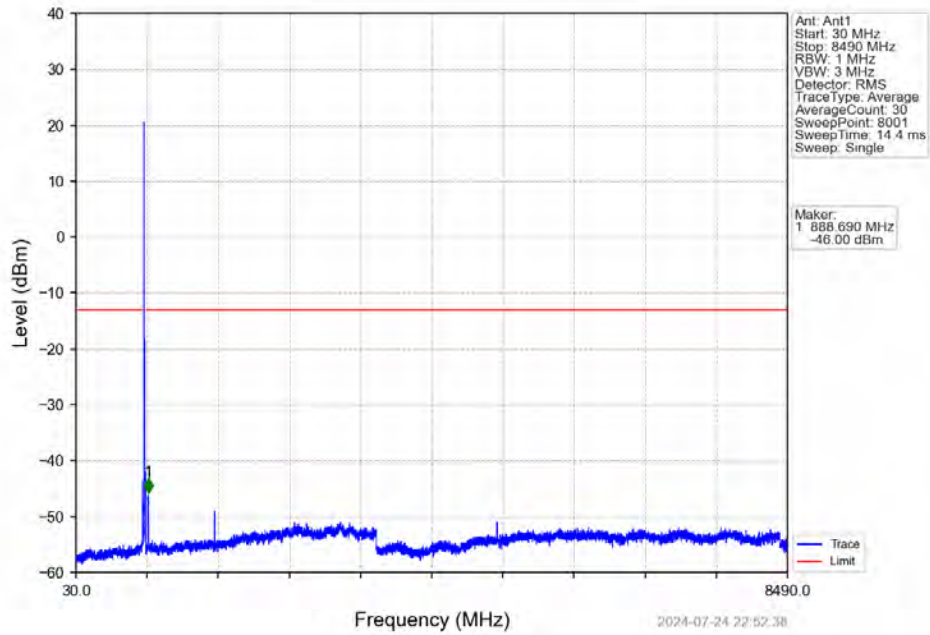
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



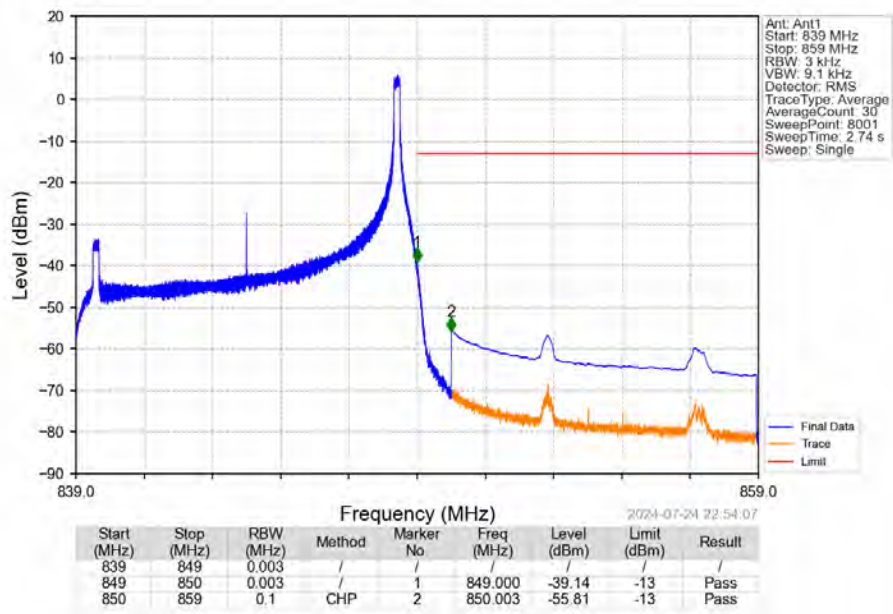
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTN



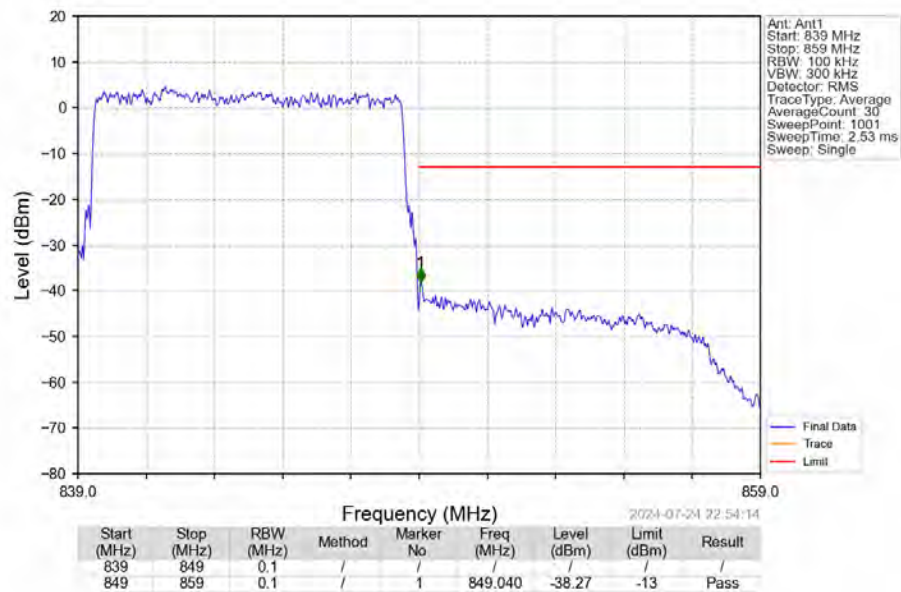
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



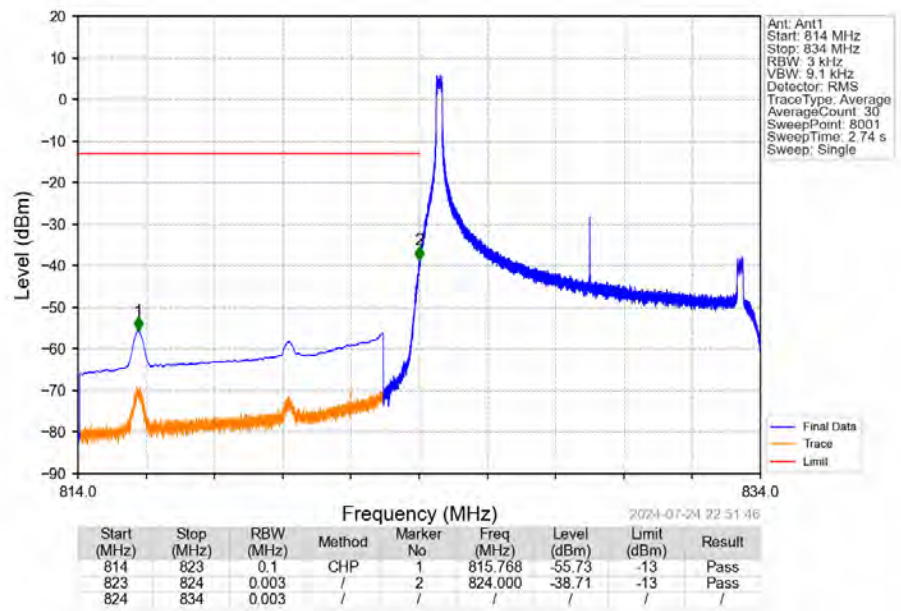
Band5 10MHz QPSK HCH 844MHz RB 1 49 NTNV



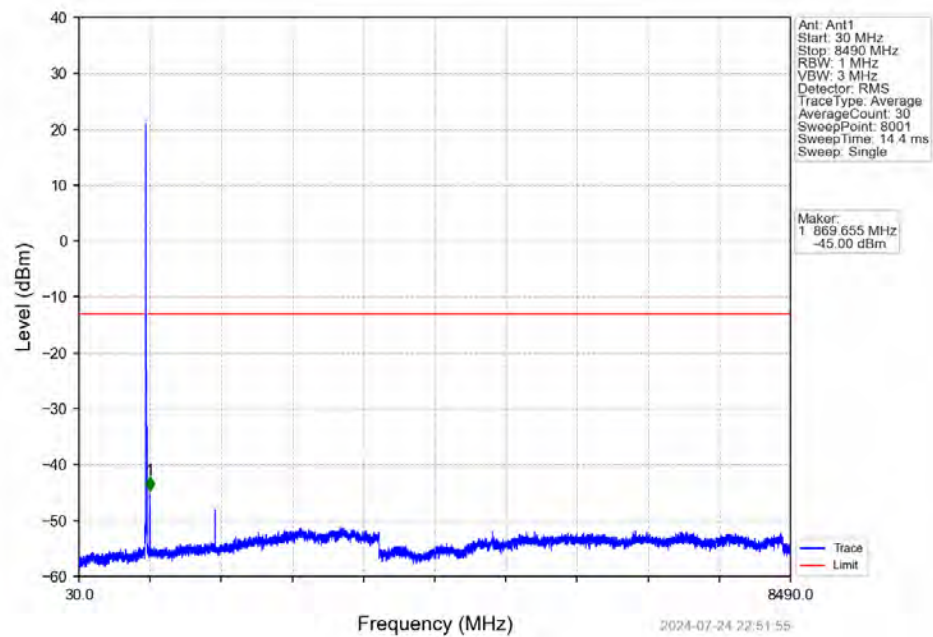
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



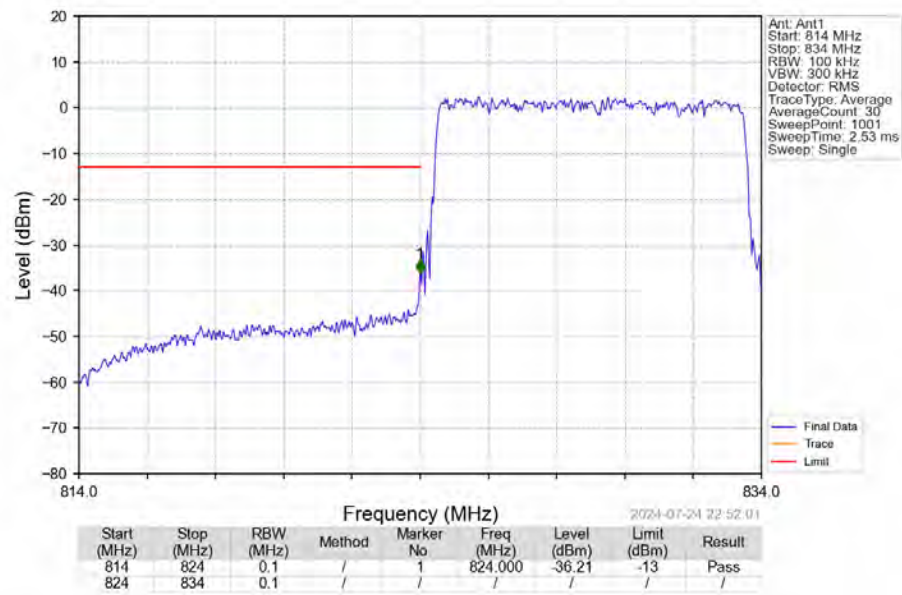
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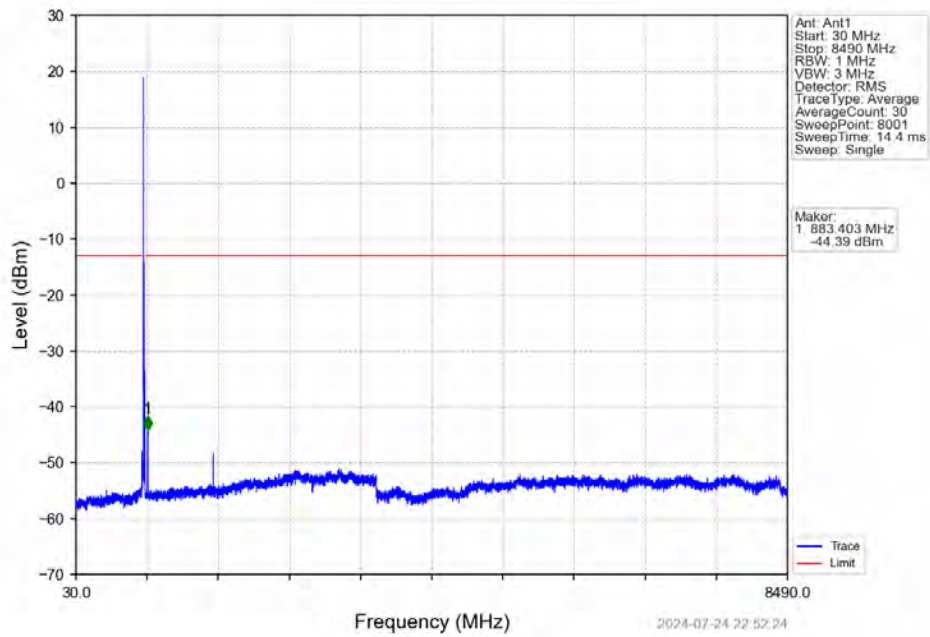
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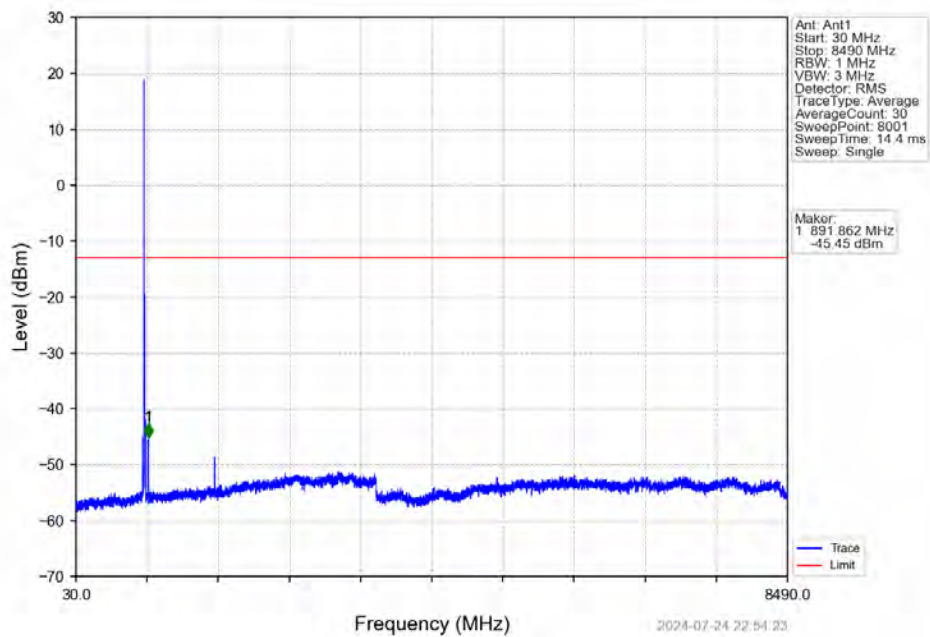
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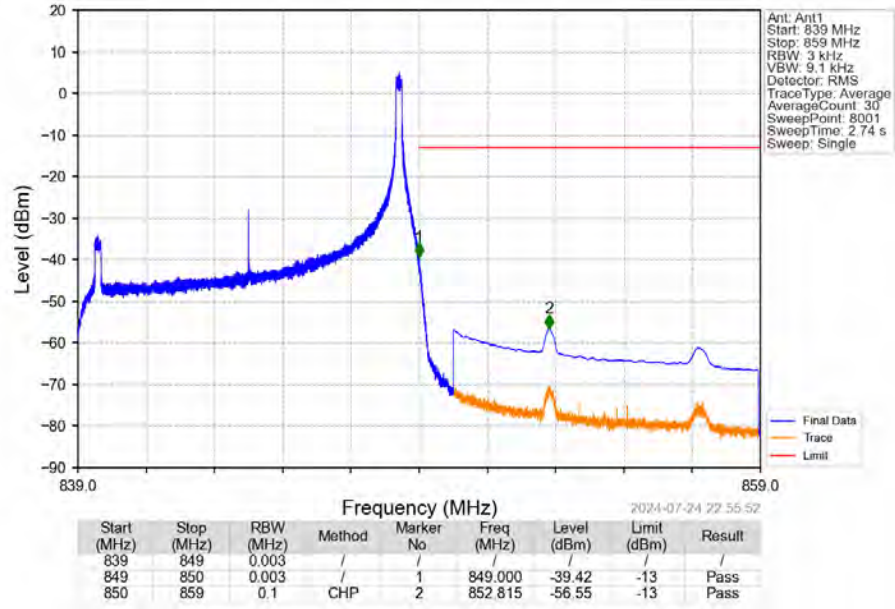
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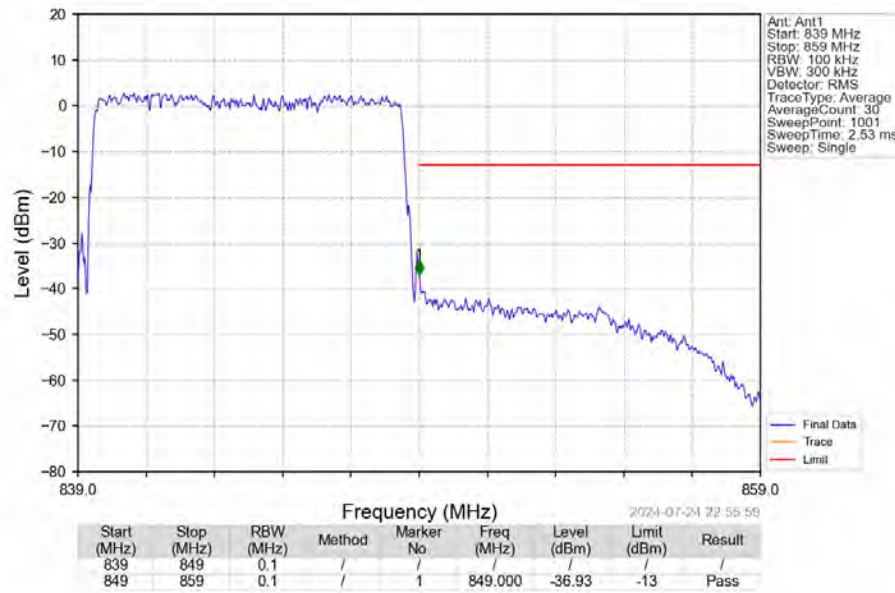
Band5 10MHz 16QAM HCH 844MHz RB 1 0 NTNV



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	0.1435	0.0503	ppm	1M12G7D	22H	21.57
5	1.4	824.7	848.3	0.1153	0.0498	ppm	1M12W7D	22H	20.62
5	3	825.5	847.5	0.1422	0.0574	ppm	2M74G7D	22H	21.53
5	3	825.5	847.5	0.1355	0.0415	ppm	2M76W7D	22H	21.32
5	5	826.5	846.5	0.1416	0.0546	ppm	4M58G7D	22H	21.51
5	5	826.5	846.5	0.1169	0.0513	ppm	4M57W7D	22H	20.68
5	10	829	844	0.1445	0.0506	ppm	9M09G7D	22H	21.60
5	10	829	844	0.1352	0.0530	ppm	9M07W7D	22H	21.31

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	0.0344	0.0503	ppm	1M12G7D	22H	15.37
5	1.4	824.7	848.3	0.0277	0.0498	ppm	1M12W7D	22H	14.42
5	3	825.5	847.5	0.0341	0.0574	ppm	2M74G7D	22H	15.33
5	3	825.5	847.5	0.0325	0.0415	ppm	2M76W7D	22H	15.12
5	5	826.5	846.5	0.0340	0.0546	ppm	4M58G7D	22H	15.31
5	5	826.5	846.5	0.0281	0.0513	ppm	4M57W7D	22H	14.48
5	10	829	844	0.0347	0.0506	ppm	9M09G7D	22H	15.40
5	10	829	844	0.0324	0.0530	ppm	9M07W7D	22H	15.11