

1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

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	21.87	1.28	21.00	<=38.45	Pass
			2	21.78	1.28	20.91	<=38.45	Pass
			5	21.57	1.28	20.70	<=38.45	Pass
		3	0	21.87	1.28	21.00	<=38.45	Pass
			2	21.86	1.28	20.99	<=38.45	Pass
			3	21.66	1.28	20.79	<=38.45	Pass
		6	0	20.85	1.28	19.98	<=38.45	Pass
	836.5	1	0	20.22	1.28	19.35	<=38.45	Pass
			2	20.27	1.28	19.40	<=38.45	Pass
			5	20.36	1.28	19.49	<=38.45	Pass
		3	0	20.38	1.28	19.51	<=38.45	Pass
			2	20.44	1.28	19.57	<=38.45	Pass
			3	20.40	1.28	19.53	<=38.45	Pass
		6	0	19.46	1.28	18.59	<=38.45	Pass
	848.3	1	0	22.29	1.28	21.42	<=38.45	Pass
			2	22.43	1.28	21.56	<=38.45	Pass
			5	22.47	1.28	21.60	<=38.45	Pass
		3	0	22.51	1.28	21.64	<=38.45	Pass
			2	22.66	1.28	21.79	<=38.45	Pass
			3	22.68	1.28	21.81	<=38.45	Pass
		6	0	21.64	1.28	20.77	<=38.45	Pass
16QAM	824.7	1	0	21.02	1.28	20.15	<=38.45	Pass
			2	21.10	1.28	20.23	<=38.45	Pass
			5	20.85	1.28	19.98	<=38.45	Pass
		3	0	20.92	1.28	20.05	<=38.45	Pass
			2	20.88	1.28	20.01	<=38.45	Pass
			3	20.88	1.28	20.01	<=38.45	Pass
		6	0	19.93	1.28	19.06	<=38.45	Pass
	836.5	1	0	19.71	1.28	18.84	<=38.45	Pass
			2	19.91	1.28	19.04	<=38.45	Pass
			5	19.80	1.28	18.93	<=38.45	Pass
		3	0	19.47	1.28	18.60	<=38.45	Pass
			2	19.64	1.28	18.77	<=38.45	Pass
			3	19.61	1.28	18.74	<=38.45	Pass
		6	0	18.59	1.28	17.72	<=38.45	Pass
	848.3	1	0	21.28	1.28	20.41	<=38.45	Pass
			2	21.39	1.28	20.52	<=38.45	Pass
			5	21.66	1.28	20.79	<=38.45	Pass
		3	0	21.52	1.28	20.65	<=38.45	Pass
			2	21.69	1.28	20.82	<=38.45	Pass
			3	21.71	1.28	20.84	<=38.45	Pass
		6	0	20.67	1.28	19.80	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B5_3MHz_ERP

1.2.1 Test Result

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	21.86	1.28	20.99	<=38.45	Pass
			7	21.58	1.28	20.71	<=38.45	Pass
			14	21.19	1.28	20.32	<=38.45	Pass
		8	0	20.65	1.28	19.78	<=38.45	Pass
			4	20.60	1.28	19.73	<=38.45	Pass
			7	20.36	1.28	19.49	<=38.45	Pass
		15	0	20.64	1.28	19.77	<=38.45	Pass
	836.5	1	0	20.28	1.28	19.41	<=38.45	Pass
			7	20.40	1.28	19.53	<=38.45	Pass
			14	20.61	1.28	19.74	<=38.45	Pass
		8	0	19.38	1.28	18.51	<=38.45	Pass
			4	19.42	1.28	18.55	<=38.45	Pass
			7	19.53	1.28	18.66	<=38.45	Pass
	15	0	19.46	1.28	18.59	<=38.45	Pass	
	847.5	1	0	22.06	1.28	21.19	<=38.45	Pass
			7	22.40	1.28	21.53	<=38.45	Pass
			14	22.90	1.28	22.03	<=38.45	Pass
		8	0	21.46	1.28	20.59	<=38.45	Pass
			4	21.64	1.28	20.77	<=38.45	Pass
			7	21.70	1.28	20.83	<=38.45	Pass
		15	0	21.48	1.28	20.61	<=38.45	Pass
16QAM	825.5	1	0	20.82	1.28	19.95	<=38.45	Pass
			7	20.54	1.28	19.67	<=38.45	Pass
			14	20.34	1.28	19.47	<=38.45	Pass
		8	0	19.62	1.28	18.75	<=38.45	Pass
			4	19.45	1.28	18.58	<=38.45	Pass
			7	19.65	1.28	18.78	<=38.45	Pass
		15	0	19.64	1.28	18.77	<=38.45	Pass
	836.5	1	0	18.96	1.28	18.09	<=38.45	Pass
			7	19.94	1.28	19.07	<=38.45	Pass
			14	20.21	1.28	19.34	<=38.45	Pass
		8	0	18.66	1.28	17.79	<=38.45	Pass
			4	18.79	1.28	17.92	<=38.45	Pass
			7	18.47	1.28	17.60	<=38.45	Pass
	15	0	18.40	1.28	17.53	<=38.45	Pass	
	847.5	1	0	21.42	1.28	20.55	<=38.45	Pass
			7	21.72	1.28	20.85	<=38.45	Pass
			14	22.06	1.28	21.19	<=38.45	Pass
		8	0	20.51	1.28	19.64	<=38.45	Pass
			4	20.67	1.28	19.80	<=38.45	Pass
			7	20.74	1.28	19.87	<=38.45	Pass
		15	0	20.51	1.28	19.64	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

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	21.85	1.28	20.98	<=38.45	Pass	
			13	21.21	1.28	20.34	<=38.45	Pass	
			24	20.99	1.28	20.12	<=38.45	Pass	
		12	0	20.64	1.28	19.77	<=38.45	Pass	
			6	20.37	1.28	19.50	<=38.45	Pass	
			13	20.15	1.28	19.28	<=38.45	Pass	
		25	0	20.48	1.28	19.61	<=38.45	Pass	
		836.5	1	0	20.12	1.28	19.25	<=38.45	Pass
				13	20.30	1.28	19.43	<=38.45	Pass
	24			20.35	1.28	19.48	<=38.45	Pass	
	12		0	19.39	1.28	18.52	<=38.45	Pass	
			6	19.43	1.28	18.56	<=38.45	Pass	
			13	19.56	1.28	18.69	<=38.45	Pass	
	25		0	19.43	1.28	18.56	<=38.45	Pass	
	846.5		1	0	21.77	1.28	20.90	<=38.45	Pass
				13	22.23	1.28	21.36	<=38.45	Pass
		24		22.70	1.28	21.83	<=38.45	Pass	
		12	0	21.07	1.28	20.20	<=38.45	Pass	
6			21.42	1.28	20.55	<=38.45	Pass		
13			21.59	1.28	20.72	<=38.45	Pass		
25		0	21.33	1.28	20.46	<=38.45	Pass		
16QAM		826.5	1	0	20.64	1.28	19.77	<=38.45	Pass
				13	20.25	1.28	19.38	<=38.45	Pass
	24			19.74	1.28	18.87	<=38.45	Pass	
	12		0	19.50	1.28	18.63	<=38.45	Pass	
			6	19.42	1.28	18.55	<=38.45	Pass	
			13	19.20	1.28	18.33	<=38.45	Pass	
	25		0	19.46	1.28	18.59	<=38.45	Pass	
	836.5		1	0	19.10	1.28	18.23	<=38.45	Pass
				13	19.70	1.28	18.83	<=38.45	Pass
		24		19.92	1.28	19.05	<=38.45	Pass	
		12	0	18.30	1.28	17.43	<=38.45	Pass	
			6	18.25	1.28	17.38	<=38.45	Pass	
			13	18.40	1.28	17.53	<=38.45	Pass	
		25	0	18.31	1.28	17.44	<=38.45	Pass	
		846.5	1	0	20.17	1.28	19.30	<=38.45	Pass
				13	20.90	1.28	20.03	<=38.45	Pass
	24			21.33	1.28	20.46	<=38.45	Pass	
	12		0	19.94	1.28	19.07	<=38.45	Pass	
6			20.30	1.28	19.43	<=38.45	Pass		
13			20.56	1.28	19.69	<=38.45	Pass		
25	0		20.33	1.28	19.46	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	21.70	1.28	20.83	<=38.45	Pass
			25	21.16	1.28	20.29	<=38.45	Pass
			49	20.68	1.28	19.81	<=38.45	Pass
		25	0	20.39	1.28	19.52	<=38.45	Pass
			13	20.07	1.28	19.20	<=38.45	Pass
			25	19.80	1.28	18.93	<=38.45	Pass
		50	0	20.07	1.28	19.20	<=38.45	Pass
	836.5	1	0	20.62	1.28	19.75	<=38.45	Pass
			0					

			25	20.63	1.28	19.76	<=38.45	Pass	
			49	20.94	1.28	20.07	<=38.45	Pass	
			25	0	19.47	1.28	18.60	<=38.45	Pass
				13	19.60	1.28	18.73	<=38.45	Pass
				25	19.79	1.28	18.92	<=38.45	Pass
		50	0	19.69	1.28	18.82	<=38.45	Pass	
	844	1	0	20.85	1.28	19.98	<=38.45	Pass	
			25	21.78	1.28	20.91	<=38.45	Pass	
			49	22.84	1.28	21.97	<=38.45	Pass	
		25	0	20.32	1.28	19.45	<=38.45	Pass	
			13	20.94	1.28	20.07	<=38.45	Pass	
			25	21.40	1.28	20.53	<=38.45	Pass	
	50	0	20.82	1.28	19.95	<=38.45	Pass		
16QAM	829	1	0	20.79	1.28	19.92	<=38.45	Pass	
			25	19.80	1.28	18.93	<=38.45	Pass	
			49	19.34	1.28	18.47	<=38.45	Pass	
		25	0	19.55	1.28	18.68	<=38.45	Pass	
			13	19.27	1.28	18.40	<=38.45	Pass	
			25	18.93	1.28	18.06	<=38.45	Pass	
		50	0	19.04	1.28	18.17	<=38.45	Pass	
		836.5	1	0	20.05	1.28	19.18	<=38.45	Pass
				25	19.90	1.28	19.03	<=38.45	Pass
	49			20.49	1.28	19.62	<=38.45	Pass	
	25		0	18.54	1.28	17.67	<=38.45	Pass	
			13	18.69	1.28	17.82	<=38.45	Pass	
			25	18.72	1.28	17.85	<=38.45	Pass	
	50	0	18.64	1.28	17.77	<=38.45	Pass		
	844	1	0	20.32	1.28	19.45	<=38.45	Pass	
			25	21.27	1.28	20.40	<=38.45	Pass	
			49	22.19	1.28	21.32	<=38.45	Pass	
		25	0	19.38	1.28	18.51	<=38.45	Pass	
			13	19.97	1.28	19.10	<=38.45	Pass	
			25	20.40	1.28	19.53	<=38.45	Pass	
		50	0	19.72	1.28	18.85	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

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	10.2	-2.575	-0.0031	-2.5 to 2.5	Pass
					12	-1.116	-0.0014	-2.5 to 2.5	Pass
					13.8	-0.858	-0.0010	-2.5 to 2.5	Pass
				-30	12	-0.715	-0.0009	-2.5 to 2.5	Pass
				-20	12	-1.545	-0.0019	-2.5 to 2.5	Pass
				-10	12	-0.830	-0.0010	-2.5 to 2.5	Pass
				0	12	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	12	-1.330	-0.0016	-2.5 to 2.5	Pass
				30	12	-1.874	-0.0023	-2.5 to 2.5	Pass
				40	12	-1.116	-0.0014	-2.5 to 2.5	Pass
				50	12	-1.760	-0.0021	-2.5 to 2.5	Pass
	836.5	6	0	20	10.2	-0.215	-0.0003	-2.5 to 2.5	Pass
					12	-0.601	-0.0007	-2.5 to 2.5	Pass
					13.8	-0.315	-0.0004	-2.5 to 2.5	Pass

16QAM	848.3	6	0	-30	12	-0.372	-0.0004	-2.5 to 2.5	Pass
				-20	12	-0.858	-0.0010	-2.5 to 2.5	Pass
				-10	12	-0.901	-0.0011	-2.5 to 2.5	Pass
				0	12	-0.916	-0.0011	-2.5 to 2.5	Pass
				10	12	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	12	0.029	0.0000	-2.5 to 2.5	Pass
				40	12	-2.089	-0.0025	-2.5 to 2.5	Pass
				50	12	-1.988	-0.0024	-2.5 to 2.5	Pass
				20	10.2	0.000	0.0000	-2.5 to 2.5	Pass
					12	-0.229	-0.0003	-2.5 to 2.5	Pass
					13.8	-0.858	-0.0010	-2.5 to 2.5	Pass
				-30	12	-0.072	-0.0001	-2.5 to 2.5	Pass
				-20	12	-0.415	-0.0005	-2.5 to 2.5	Pass
				-10	12	-1.101	-0.0013	-2.5 to 2.5	Pass
				0	12	-1.659	-0.0020	-2.5 to 2.5	Pass
				10	12	0.372	0.0004	-2.5 to 2.5	Pass
				30	12	0.129	0.0002	-2.5 to 2.5	Pass
				40	12	0.143	0.0002	-2.5 to 2.5	Pass
				50	12	-0.987	-0.0012	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	10.2	-1.760	-0.0021	-2.5 to 2.5	Pass
					12	-0.916	-0.0011	-2.5 to 2.5	Pass
					13.8	-1.016	-0.0012	-2.5 to 2.5	Pass
				-30	12	-2.074	-0.0025	-2.5 to 2.5	Pass
				-20	12	-1.144	-0.0014	-2.5 to 2.5	Pass
				-10	12	-2.203	-0.0027	-2.5 to 2.5	Pass
				0	12	-2.217	-0.0027	-2.5 to 2.5	Pass
				10	12	-1.831	-0.0022	-2.5 to 2.5	Pass
				30	12	-2.761	-0.0033	-2.5 to 2.5	Pass
				40	12	-1.359	-0.0016	-2.5 to 2.5	Pass
				50	12	-0.958	-0.0012	-2.5 to 2.5	Pass
	836.5	6	0	20	10.2	-0.072	-0.0001	-2.5 to 2.5	Pass
					12	-0.730	-0.0009	-2.5 to 2.5	Pass
					13.8	-0.815	-0.0010	-2.5 to 2.5	Pass
				-30	12	-0.272	-0.0003	-2.5 to 2.5	Pass
				-20	12	-0.315	-0.0004	-2.5 to 2.5	Pass
				-10	12	-0.787	-0.0009	-2.5 to 2.5	Pass
				0	12	-0.143	-0.0002	-2.5 to 2.5	Pass
				10	12	-0.472	-0.0006	-2.5 to 2.5	Pass
				30	12	0.429	0.0005	-2.5 to 2.5	Pass
				40	12	-0.372	-0.0004	-2.5 to 2.5	Pass
				50	12	-0.043	-0.0001	-2.5 to 2.5	Pass
	848.3	6	0	20	10.2	-0.687	-0.0008	-2.5 to 2.5	Pass
					12	0.486	0.0006	-2.5 to 2.5	Pass
					13.8	-0.043	-0.0001	-2.5 to 2.5	Pass
				-30	12	-0.215	-0.0003	-2.5 to 2.5	Pass
				-20	12	0.272	0.0003	-2.5 to 2.5	Pass
				-10	12	0.086	0.0001	-2.5 to 2.5	Pass
				0	12	-0.157	-0.0002	-2.5 to 2.5	Pass
				10	12	0.300	0.0004	-2.5 to 2.5	Pass
				30	12	0.086	0.0001	-2.5 to 2.5	Pass
				40	12	0.858	0.0010	-2.5 to 2.5	Pass
				50	12	0.286	0.0003	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

Band: 5 / Bandwidth: 3MHz								
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)		Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	825.5	15	0	20	10.2	0.057	0.0001	-2.5 to 2.5	Pass
					12	-0.043	-0.0001	-2.5 to 2.5	Pass
					13.8	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	12	-0.758	-0.0009	-2.5 to 2.5	Pass
				-20	12	-0.615	-0.0007	-2.5 to 2.5	Pass
				-10	12	-0.658	-0.0008	-2.5 to 2.5	Pass
				0	12	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	12	0.143	0.0002	-2.5 to 2.5	Pass
				30	12	-0.415	-0.0005	-2.5 to 2.5	Pass
				40	12	-0.629	-0.0008	-2.5 to 2.5	Pass
				50	12	-1.030	-0.0012	-2.5 to 2.5	Pass
	836.5	15	0	20	10.2	0.286	0.0003	-2.5 to 2.5	Pass
					12	-0.272	-0.0003	-2.5 to 2.5	Pass
					13.8	-0.343	-0.0004	-2.5 to 2.5	Pass
				-30	12	-0.615	-0.0007	-2.5 to 2.5	Pass
				-20	12	-0.701	-0.0008	-2.5 to 2.5	Pass
				-10	12	-0.844	-0.0010	-2.5 to 2.5	Pass
				0	12	-0.629	-0.0008	-2.5 to 2.5	Pass
				10	12	-0.401	-0.0005	-2.5 to 2.5	Pass
				30	12	-0.343	-0.0004	-2.5 to 2.5	Pass
				40	12	-0.443	-0.0005	-2.5 to 2.5	Pass
				50	12	0.157	0.0002	-2.5 to 2.5	Pass
	847.5	15	0	20	10.2	-2.089	-0.0025	-2.5 to 2.5	Pass
					12	-2.918	-0.0034	-2.5 to 2.5	Pass
					13.8	-1.502	-0.0018	-2.5 to 2.5	Pass
				-30	12	-1.717	-0.0020	-2.5 to 2.5	Pass
				-20	12	-2.418	-0.0029	-2.5 to 2.5	Pass
				-10	12	-2.317	-0.0027	-2.5 to 2.5	Pass
				0	12	-1.388	-0.0016	-2.5 to 2.5	Pass
				10	12	-1.116	-0.0013	-2.5 to 2.5	Pass
				30	12	-1.674	-0.0020	-2.5 to 2.5	Pass
				40	12	-0.844	-0.0010	-2.5 to 2.5	Pass
				50	12	-1.245	-0.0015	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	10.2	0.858	0.0010	-2.5 to 2.5	Pass
					12	-0.014	0.0000	-2.5 to 2.5	Pass
					13.8	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	12	0.272	0.0003	-2.5 to 2.5	Pass
				-20	12	-0.787	-0.0010	-2.5 to 2.5	Pass
				-10	12	-0.143	-0.0002	-2.5 to 2.5	Pass
				0	12	-0.257	-0.0003	-2.5 to 2.5	Pass
				10	12	-0.701	-0.0008	-2.5 to 2.5	Pass
				30	12	-0.157	-0.0002	-2.5 to 2.5	Pass
				40	12	-0.443	-0.0005	-2.5 to 2.5	Pass
				50	12	-0.358	-0.0004	-2.5 to 2.5	Pass
	836.5	15	0	20	10.2	-1.116	-0.0013	-2.5 to 2.5	Pass
					12	-0.329	-0.0004	-2.5 to 2.5	Pass
					13.8	-0.916	-0.0011	-2.5 to 2.5	Pass
				-30	12	-0.987	-0.0012	-2.5 to 2.5	Pass
				-20	12	-0.229	-0.0003	-2.5 to 2.5	Pass
				-10	12	-0.343	-0.0004	-2.5 to 2.5	Pass
				0	12	-1.030	-0.0012	-2.5 to 2.5	Pass
				10	12	0.129	0.0002	-2.5 to 2.5	Pass
				30	12	-0.615	-0.0007	-2.5 to 2.5	Pass
				40	12	0.143	0.0002	-2.5 to 2.5	Pass
				50	12	0.172	0.0002	-2.5 to 2.5	Pass
	847.5	15	0	20	10.2	-1.702	-0.0020	-2.5 to 2.5	Pass
					12	-1.073	-0.0013	-2.5 to 2.5	Pass
					13.8	-1.302	-0.0015	-2.5 to 2.5	Pass
				-30	12	-0.958	-0.0011	-2.5 to 2.5	Pass
				-20	12	-1.144	-0.0013	-2.5 to 2.5	Pass

				-10	12	-0.758	-0.0009	-2.5 to 2.5	Pass
				0	12	-1.259	-0.0015	-2.5 to 2.5	Pass
				10	12	-0.830	-0.0010	-2.5 to 2.5	Pass
				30	12	-0.744	-0.0009	-2.5 to 2.5	Pass
				40	12	-1.502	-0.0018	-2.5 to 2.5	Pass
				50	12	-0.501	-0.0006	-2.5 to 2.5	Pass

2.3 B5_5MHz

2.3.1 Test Result

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	10.2	-2.432	-0.0029	-2.5 to 2.5	Pass
					12	-1.931	-0.0023	-2.5 to 2.5	Pass
					13.8	-0.343	-0.0004	-2.5 to 2.5	Pass
				-30	12	-1.144	-0.0014	-2.5 to 2.5	Pass
				-20	12	-2.089	-0.0025	-2.5 to 2.5	Pass
				-10	12	-1.101	-0.0013	-2.5 to 2.5	Pass
				0	12	-1.016	-0.0012	-2.5 to 2.5	Pass
				10	12	-1.745	-0.0021	-2.5 to 2.5	Pass
				30	12	-1.373	-0.0017	-2.5 to 2.5	Pass
				40	12	-1.774	-0.0021	-2.5 to 2.5	Pass
				50	12	-1.402	-0.0017	-2.5 to 2.5	Pass
	836.5	25	0	20	10.2	-0.544	-0.0007	-2.5 to 2.5	Pass
					12	0.086	0.0001	-2.5 to 2.5	Pass
					13.8	0.143	0.0002	-2.5 to 2.5	Pass
				-30	12	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	12	-0.887	-0.0011	-2.5 to 2.5	Pass
				-10	12	-0.744	-0.0009	-2.5 to 2.5	Pass
				0	12	-0.687	-0.0008	-2.5 to 2.5	Pass
				10	12	0.329	0.0004	-2.5 to 2.5	Pass
				30	12	-1.016	-0.0012	-2.5 to 2.5	Pass
				40	12	-1.101	-0.0013	-2.5 to 2.5	Pass
				50	12	-0.815	-0.0010	-2.5 to 2.5	Pass
	846.5	25	0	20	10.2	-1.574	-0.0019	-2.5 to 2.5	Pass
					12	-1.130	-0.0013	-2.5 to 2.5	Pass
					13.8	-0.901	-0.0011	-2.5 to 2.5	Pass
				-30	12	-1.459	-0.0017	-2.5 to 2.5	Pass
				-20	12	-0.815	-0.0010	-2.5 to 2.5	Pass
				-10	12	0.644	0.0008	-2.5 to 2.5	Pass
				0	12	0.386	0.0005	-2.5 to 2.5	Pass
				10	12	-0.501	-0.0006	-2.5 to 2.5	Pass
				30	12	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	12	-0.687	-0.0008	-2.5 to 2.5	Pass
				50	12	0.601	0.0007	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	10.2	-2.732	-0.0033	-2.5 to 2.5	Pass
					12	-0.873	-0.0011	-2.5 to 2.5	Pass
					13.8	-1.388	-0.0017	-2.5 to 2.5	Pass
				-30	12	-1.330	-0.0016	-2.5 to 2.5	Pass
				-20	12	-2.046	-0.0025	-2.5 to 2.5	Pass
				-10	12	-1.702	-0.0021	-2.5 to 2.5	Pass
				0	12	-1.459	-0.0018	-2.5 to 2.5	Pass
				10	12	-1.888	-0.0023	-2.5 to 2.5	Pass
				30	12	-1.745	-0.0021	-2.5 to 2.5	Pass
				40	12	-2.375	-0.0029	-2.5 to 2.5	Pass
				50	12	-1.388	-0.0017	-2.5 to 2.5	Pass
	836.5	25	0	20	10.2	0.129	0.0002	-2.5 to 2.5	Pass

					12	-0.701	-0.0008	-2.5 to 2.5	Pass
					13.8	0.143	0.0002	-2.5 to 2.5	Pass
				-30	12	-0.443	-0.0005	-2.5 to 2.5	Pass
				-20	12	-0.272	-0.0003	-2.5 to 2.5	Pass
				-10	12	-0.415	-0.0005	-2.5 to 2.5	Pass
				0	12	0.415	0.0005	-2.5 to 2.5	Pass
				10	12	-0.443	-0.0005	-2.5 to 2.5	Pass
				30	12	0.286	0.0003	-2.5 to 2.5	Pass
				40	12	-0.401	-0.0005	-2.5 to 2.5	Pass
				50	12	-0.658	-0.0008	-2.5 to 2.5	Pass
	846.5	25	0	20	10.2	-0.072	-0.0001	-2.5 to 2.5	Pass
					12	-0.887	-0.0010	-2.5 to 2.5	Pass
					13.8	-0.043	-0.0001	-2.5 to 2.5	Pass
				-30	12	0.315	0.0004	-2.5 to 2.5	Pass
				-20	12	-0.215	-0.0003	-2.5 to 2.5	Pass
				-10	12	-0.358	-0.0004	-2.5 to 2.5	Pass
				0	12	-1.187	-0.0014	-2.5 to 2.5	Pass
				10	12	-0.429	-0.0005	-2.5 to 2.5	Pass
				30	12	0.172	0.0002	-2.5 to 2.5	Pass
				40	12	-0.601	-0.0007	-2.5 to 2.5	Pass
				50	12	-1.001	-0.0012	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result

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	10.2	-0.529	-0.0006	-2.5 to 2.5	Pass
					12	0.100	0.0001	-2.5 to 2.5	Pass
					13.8	-0.758	-0.0009	-2.5 to 2.5	Pass
				-30	12	0.043	0.0001	-2.5 to 2.5	Pass
				-20	12	0.186	0.0002	-2.5 to 2.5	Pass
				-10	12	-0.343	-0.0004	-2.5 to 2.5	Pass
				0	12	-0.658	-0.0008	-2.5 to 2.5	Pass
				10	12	-0.572	-0.0007	-2.5 to 2.5	Pass
				30	12	-1.087	-0.0013	-2.5 to 2.5	Pass
				40	12	-0.558	-0.0007	-2.5 to 2.5	Pass
				50	12	-0.558	-0.0007	-2.5 to 2.5	Pass
	836.5	50	0	20	10.2	-0.515	-0.0006	-2.5 to 2.5	Pass
					12	-0.916	-0.0011	-2.5 to 2.5	Pass
					13.8	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	12	-0.415	-0.0005	-2.5 to 2.5	Pass
				-20	12	-0.715	-0.0009	-2.5 to 2.5	Pass
				-10	12	-0.672	-0.0008	-2.5 to 2.5	Pass
				0	12	-0.658	-0.0008	-2.5 to 2.5	Pass
				10	12	-0.601	-0.0007	-2.5 to 2.5	Pass
				30	12	-0.916	-0.0011	-2.5 to 2.5	Pass
				40	12	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	12	-0.172	-0.0002	-2.5 to 2.5	Pass
	844	50	0	20	10.2	-0.830	-0.0010	-2.5 to 2.5	Pass
					12	-0.157	-0.0002	-2.5 to 2.5	Pass
					13.8	-0.544	-0.0006	-2.5 to 2.5	Pass
				-30	12	-0.715	-0.0008	-2.5 to 2.5	Pass
				-20	12	-0.229	-0.0003	-2.5 to 2.5	Pass
				-10	12	-0.200	-0.0002	-2.5 to 2.5	Pass
				0	12	-0.329	-0.0004	-2.5 to 2.5	Pass
				10	12	-0.501	-0.0006	-2.5 to 2.5	Pass

				30	12	-0.787	-0.0009	-2.5 to 2.5	Pass
				40	12	-0.601	-0.0007	-2.5 to 2.5	Pass
				50	12	-0.401	-0.0005	-2.5 to 2.5	Pass
16QAM	829	50	0	20	10.2	-0.157	-0.0002	-2.5 to 2.5	Pass
					12	-1.130	-0.0014	-2.5 to 2.5	Pass
					13.8	-0.601	-0.0007	-2.5 to 2.5	Pass
				-30	12	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	12	-0.629	-0.0008	-2.5 to 2.5	Pass
				-10	12	-0.458	-0.0006	-2.5 to 2.5	Pass
				0	12	-0.629	-0.0008	-2.5 to 2.5	Pass
				10	12	-0.200	-0.0002	-2.5 to 2.5	Pass
				30	12	-0.887	-0.0011	-2.5 to 2.5	Pass
				40	12	-0.515	-0.0006	-2.5 to 2.5	Pass
				50	12	-0.544	-0.0007	-2.5 to 2.5	Pass
	836.5	50	0	20	10.2	-0.629	-0.0008	-2.5 to 2.5	Pass
					12	-0.286	-0.0003	-2.5 to 2.5	Pass
					13.8	-0.844	-0.0010	-2.5 to 2.5	Pass
				-30	12	-0.157	-0.0002	-2.5 to 2.5	Pass
				-20	12	-0.701	-0.0008	-2.5 to 2.5	Pass
				-10	12	0.029	0.0000	-2.5 to 2.5	Pass
				0	12	-0.286	-0.0003	-2.5 to 2.5	Pass
				10	12	-0.157	-0.0002	-2.5 to 2.5	Pass
				30	12	-0.129	-0.0002	-2.5 to 2.5	Pass
				40	12	-0.558	-0.0007	-2.5 to 2.5	Pass
				50	12	-0.229	-0.0003	-2.5 to 2.5	Pass
	844	50	0	20	10.2	-0.544	-0.0006	-2.5 to 2.5	Pass
					12	-0.215	-0.0003	-2.5 to 2.5	Pass
					13.8	-0.744	-0.0009	-2.5 to 2.5	Pass
				-30	12	-0.987	-0.0012	-2.5 to 2.5	Pass
				-20	12	-1.044	-0.0012	-2.5 to 2.5	Pass
				-10	12	-0.858	-0.0010	-2.5 to 2.5	Pass
				0	12	-0.329	-0.0004	-2.5 to 2.5	Pass
				10	12	0.515	0.0006	-2.5 to 2.5	Pass
				30	12	0.243	0.0003	-2.5 to 2.5	Pass
				40	12	-0.386	-0.0005	-2.5 to 2.5	Pass
				50	12	-0.629	-0.0007	-2.5 to 2.5	Pass

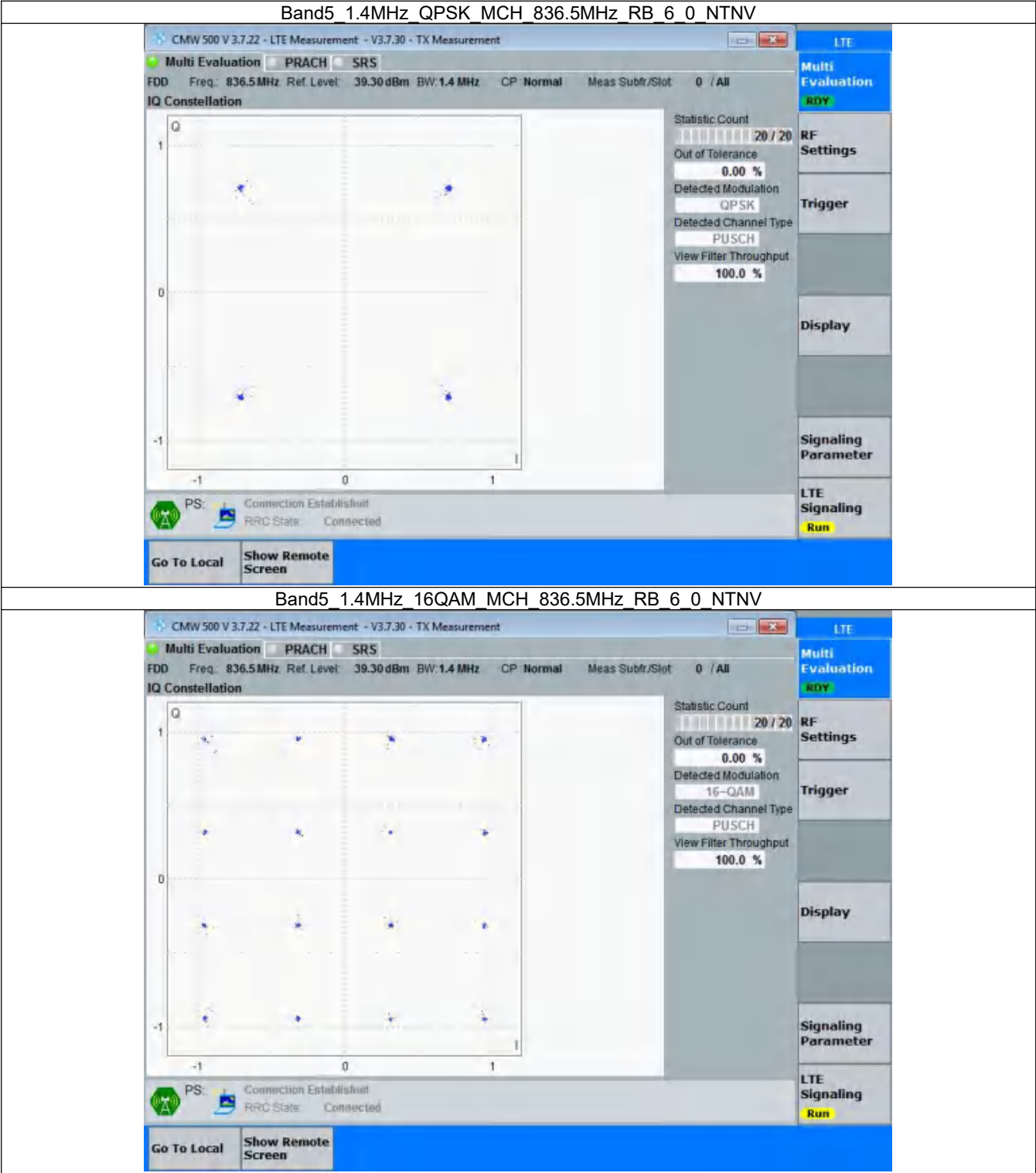
3. Modulation Characteristics

3.1 B5_1.4MHz

3.1.1 Test Result

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 Test Graph

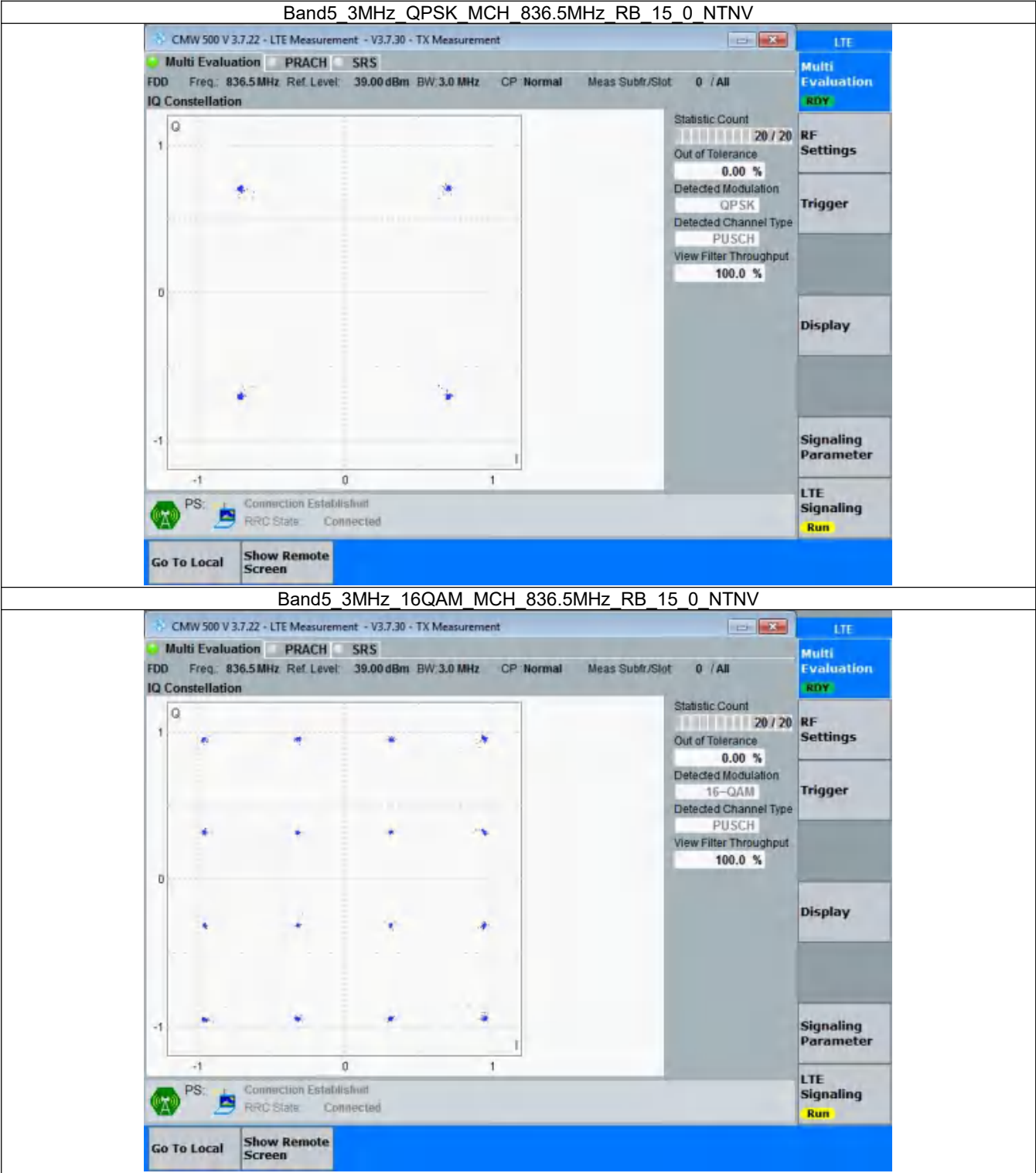


3.2 B5_3MHz

3.2.1 Test Result

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

3.2.2 Test Graph

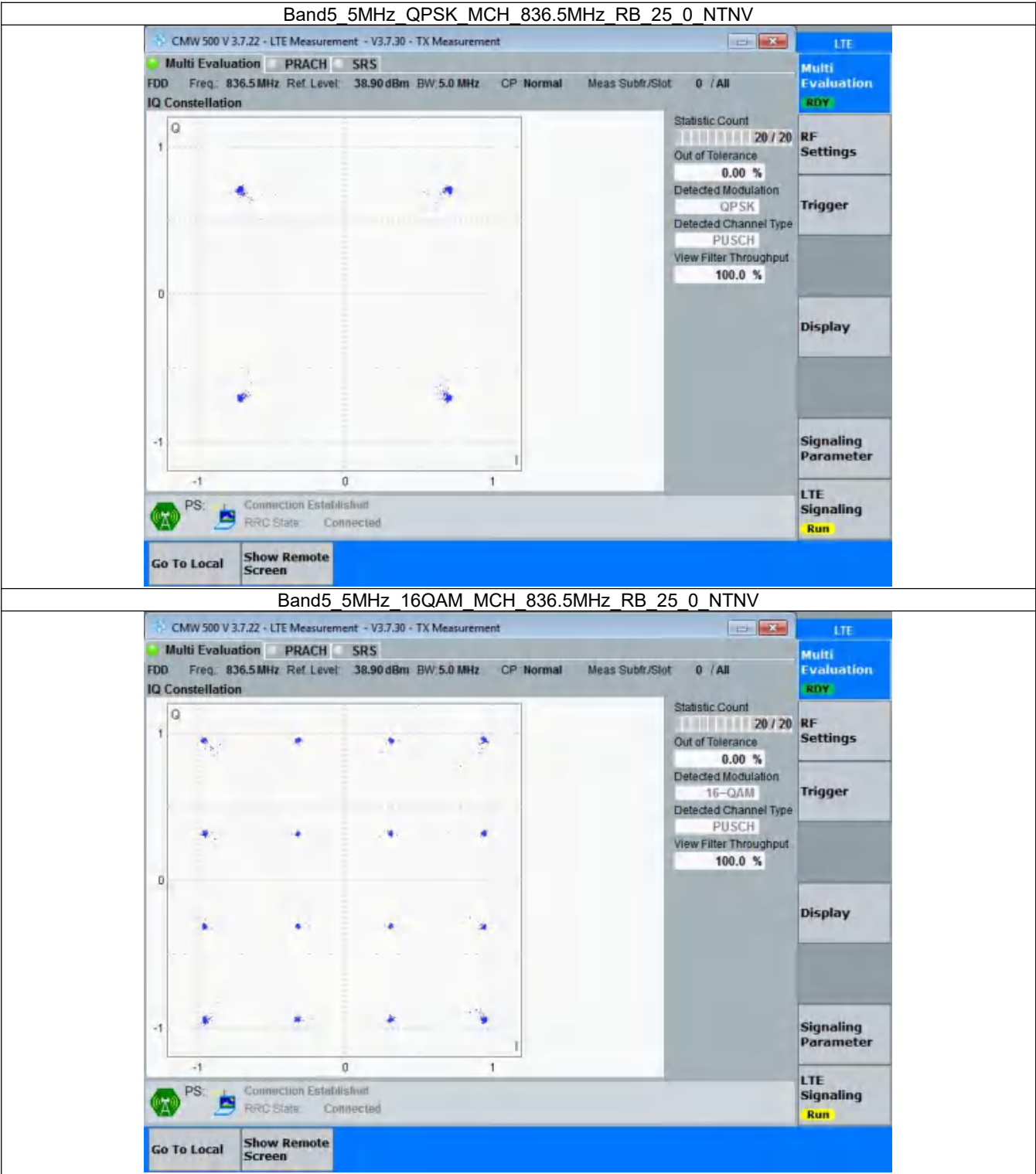


3.3 B5_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

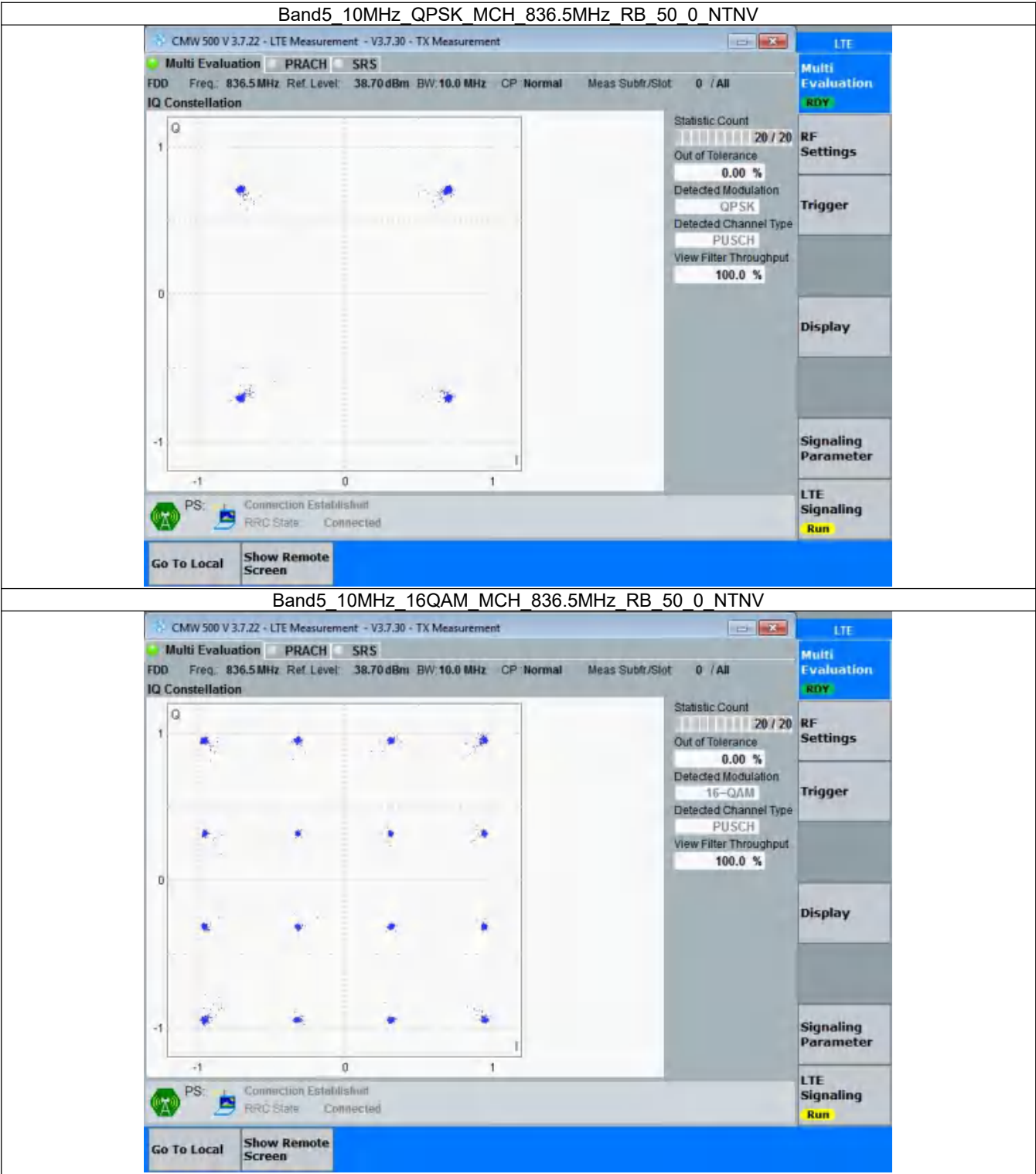


3.4 B5_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph



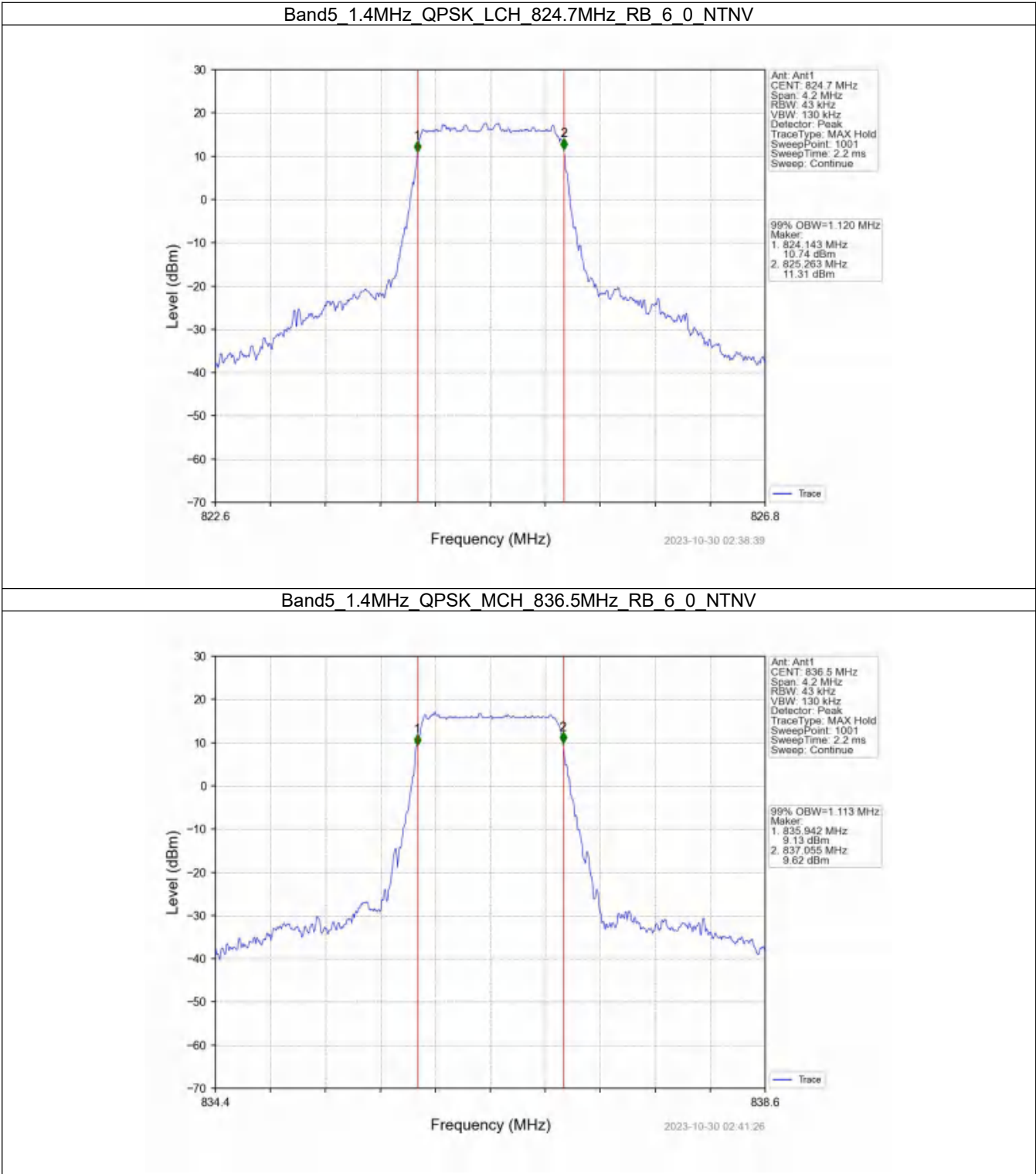
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

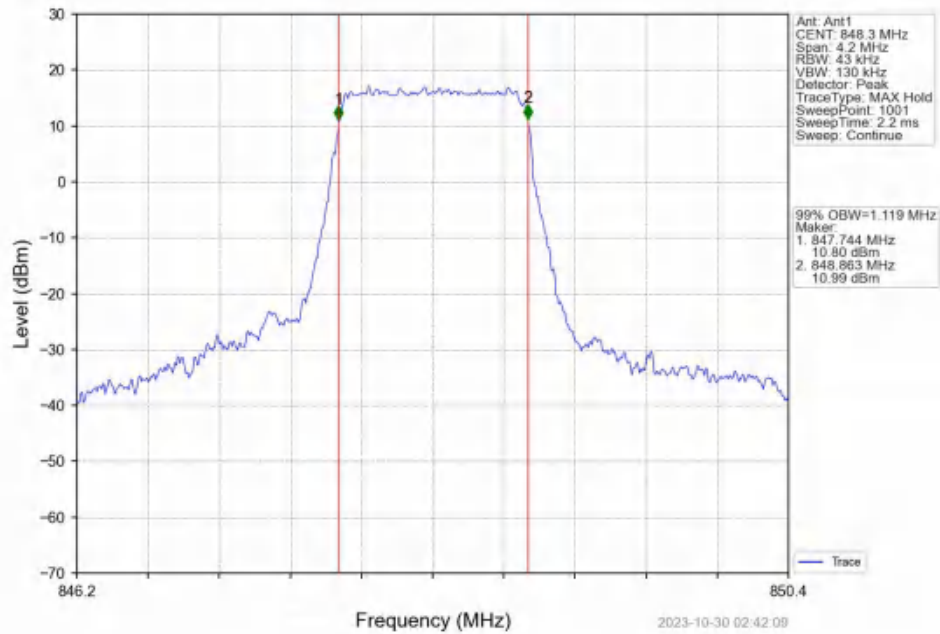
4.1.1 Test Result

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.120	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.119	/	Pass
	16QAM	824.7	6	0	1.109	/	Pass
		836.5	6	0	1.116	/	Pass
		848.3	6	0	1.105	/	Pass
3	QPSK	825.5	15	0	2.749	/	Pass
		836.5	15	0	2.737	/	Pass
		847.5	15	0	2.743	/	Pass
	16QAM	825.5	15	0	2.731	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.766	/	Pass
5	QPSK	826.5	25	0	4.553	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.581	/	Pass
	16QAM	826.5	25	0	4.581	/	Pass
		836.5	25	0	4.569	/	Pass
		846.5	25	0	4.532	/	Pass
10	QPSK	829	50	0	9.072	/	Pass
		836.5	50	0	9.019	/	Pass
		844	50	0	9.056	/	Pass
	16QAM	829	50	0	9.044	/	Pass
		836.5	50	0	9.014	/	Pass
		844	50	0	9.062	/	Pass

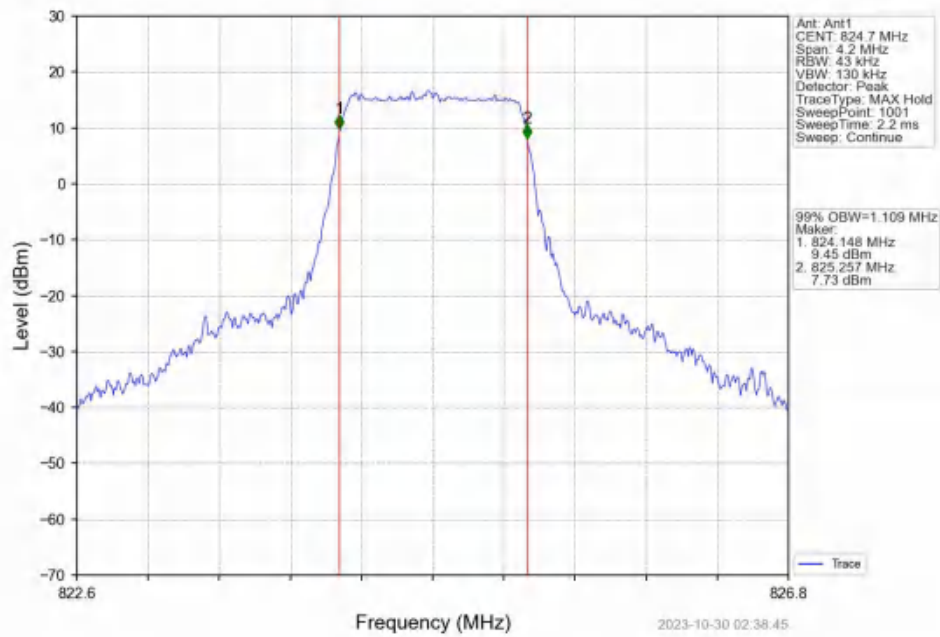
4.1.2 Test Graph



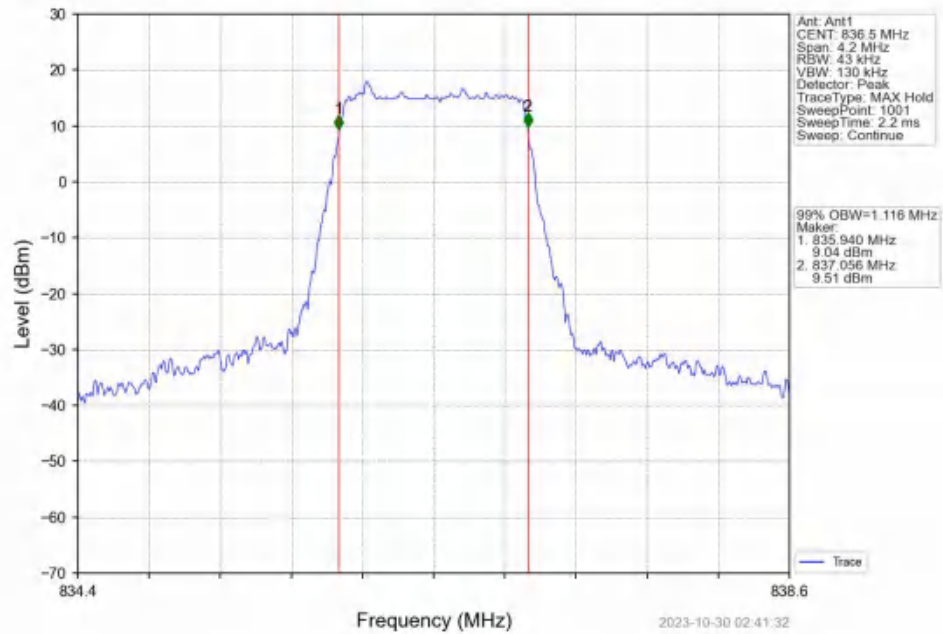
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



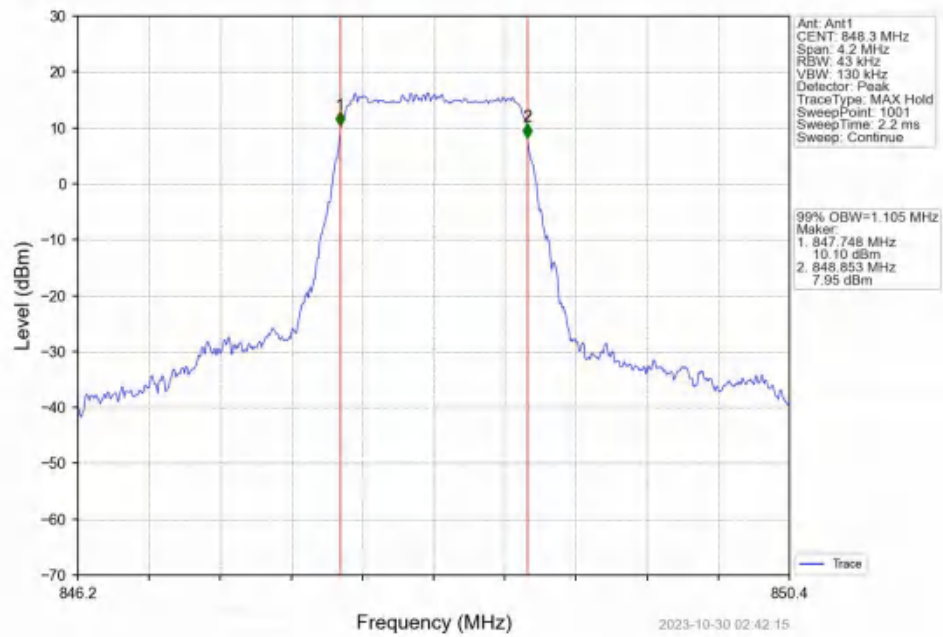
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



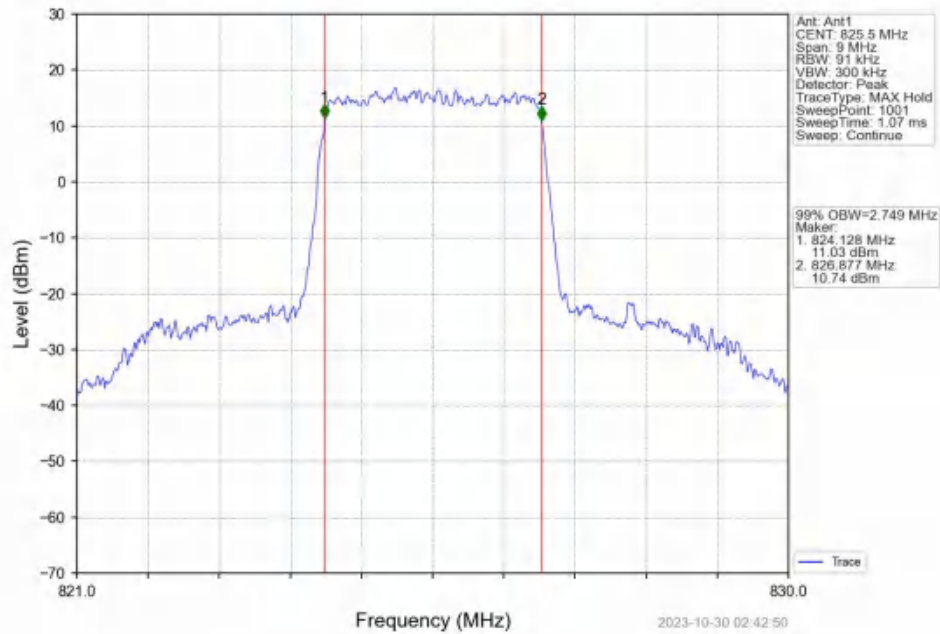
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



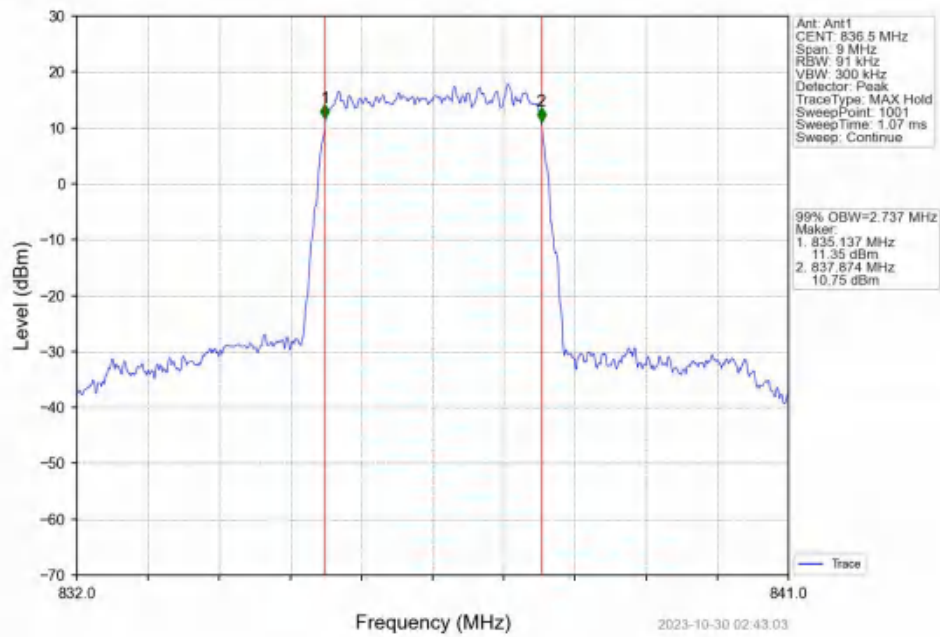
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



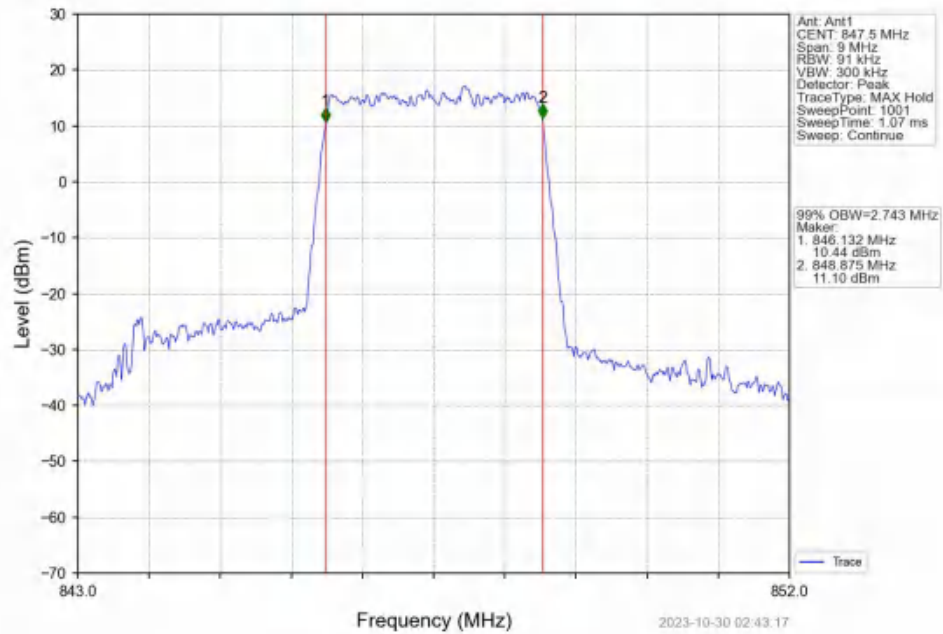
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



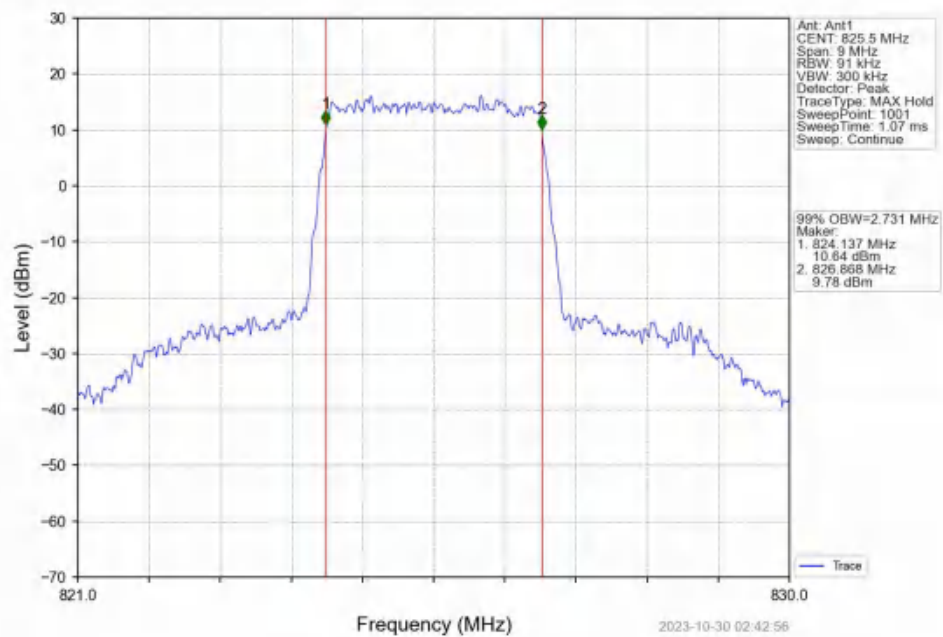
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



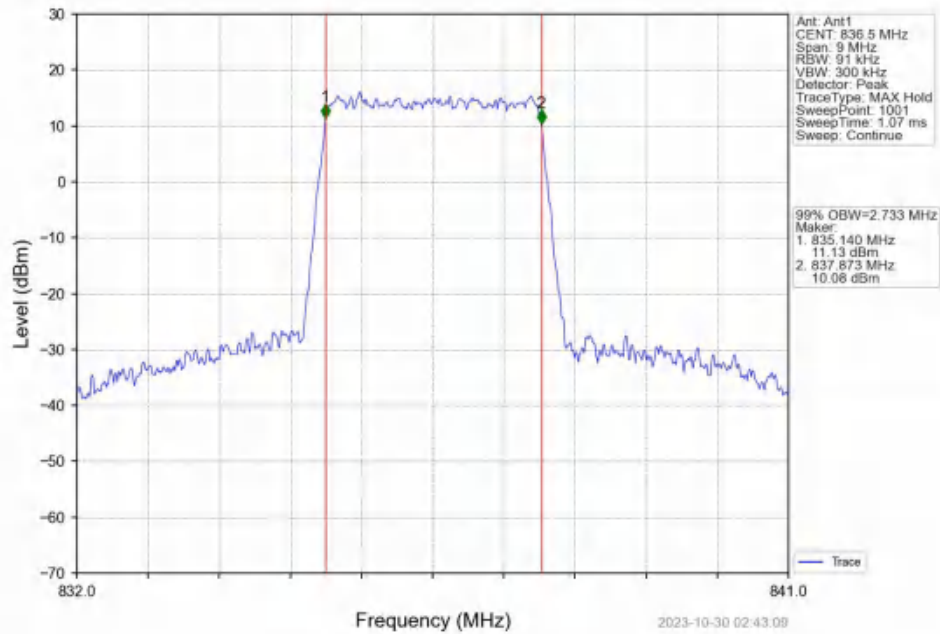
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



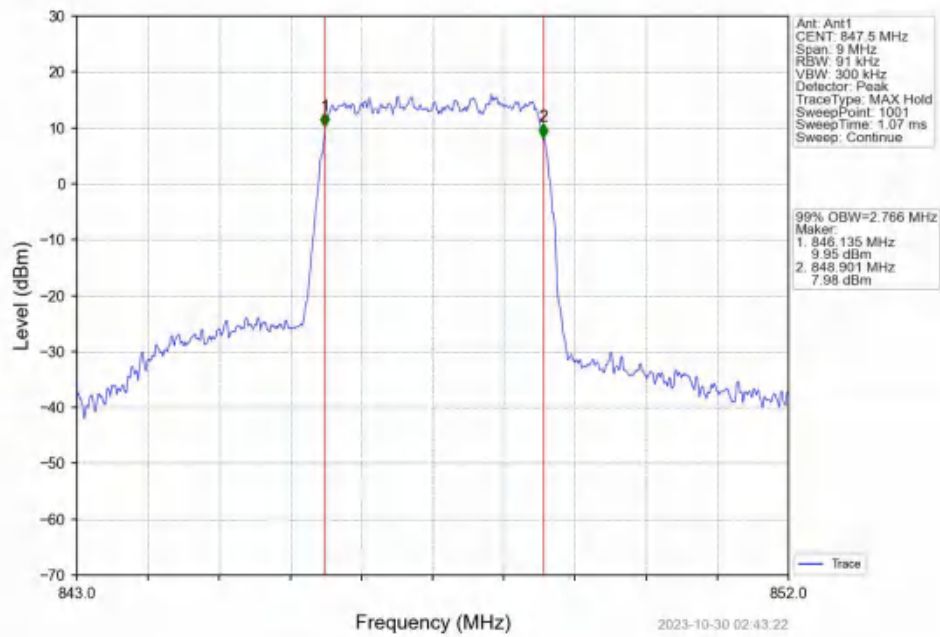
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



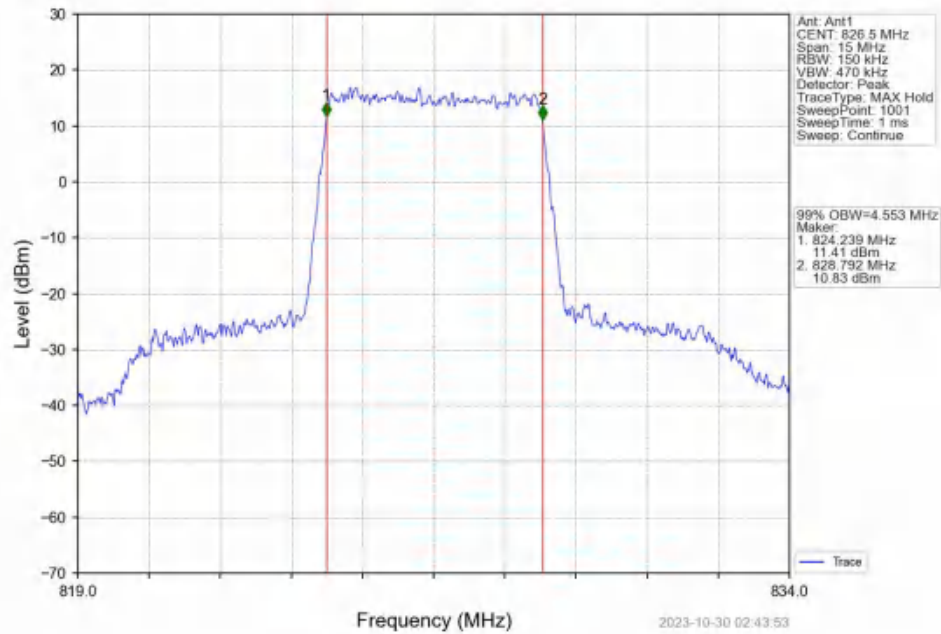
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



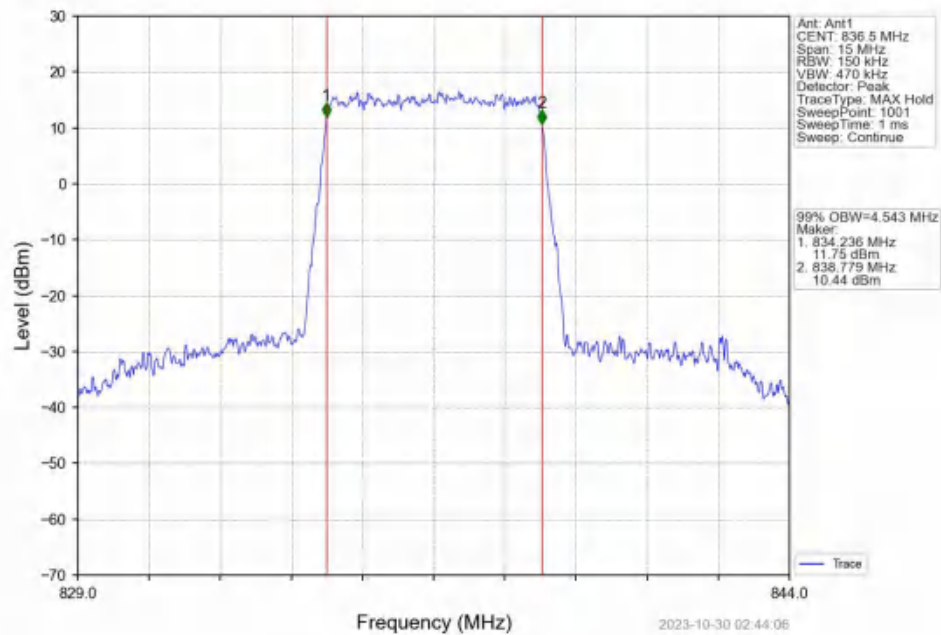
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



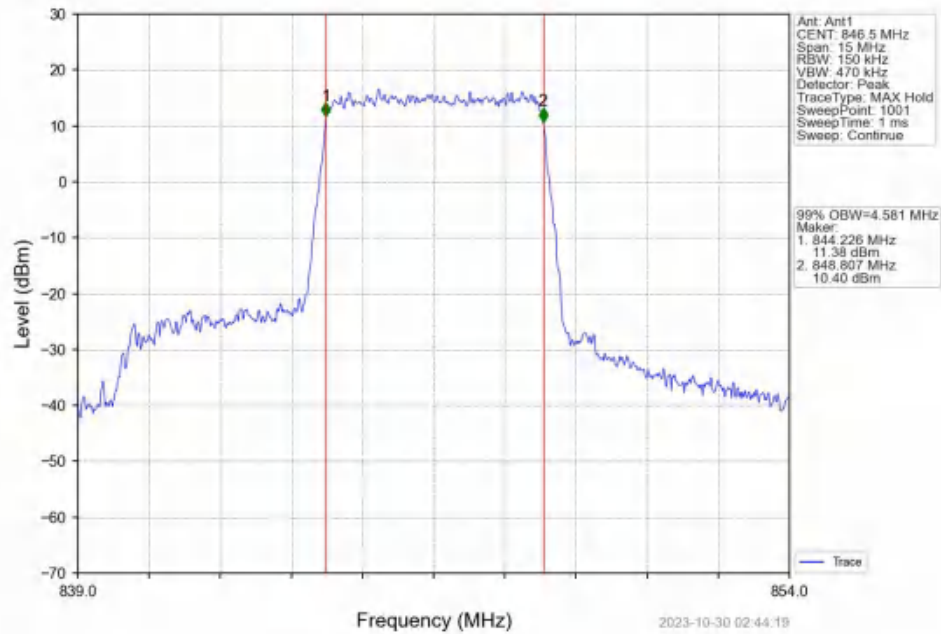
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



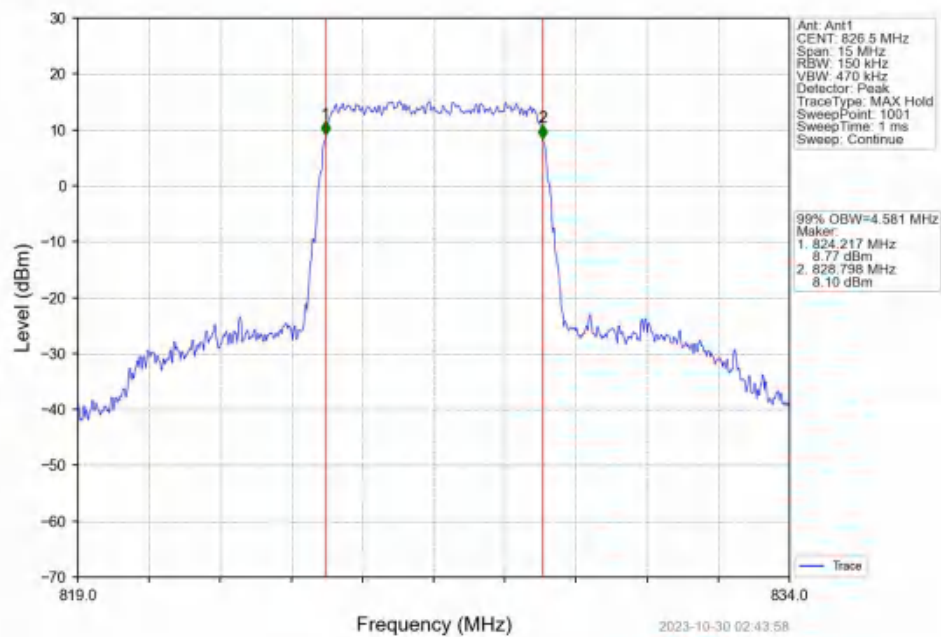
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



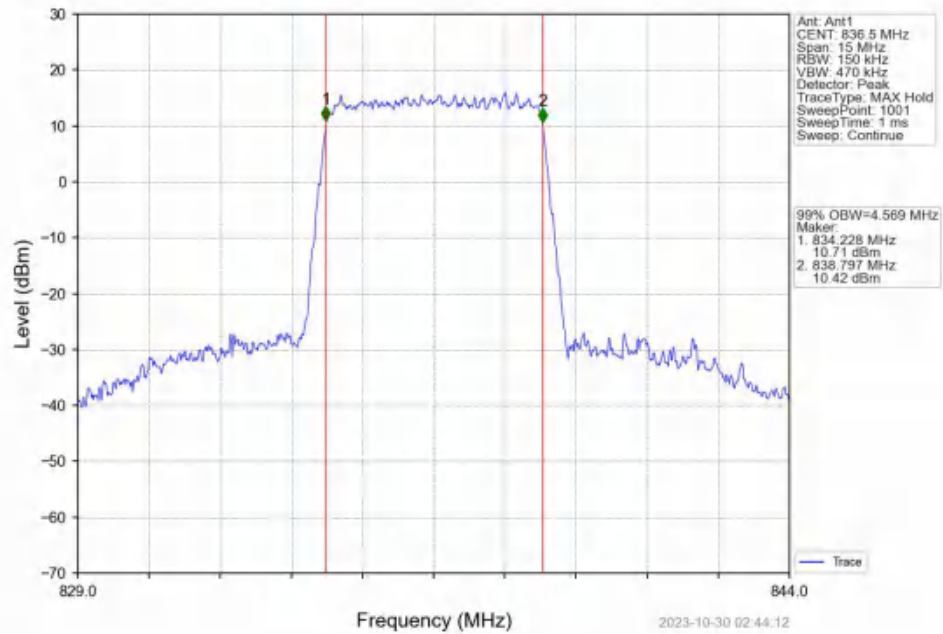
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



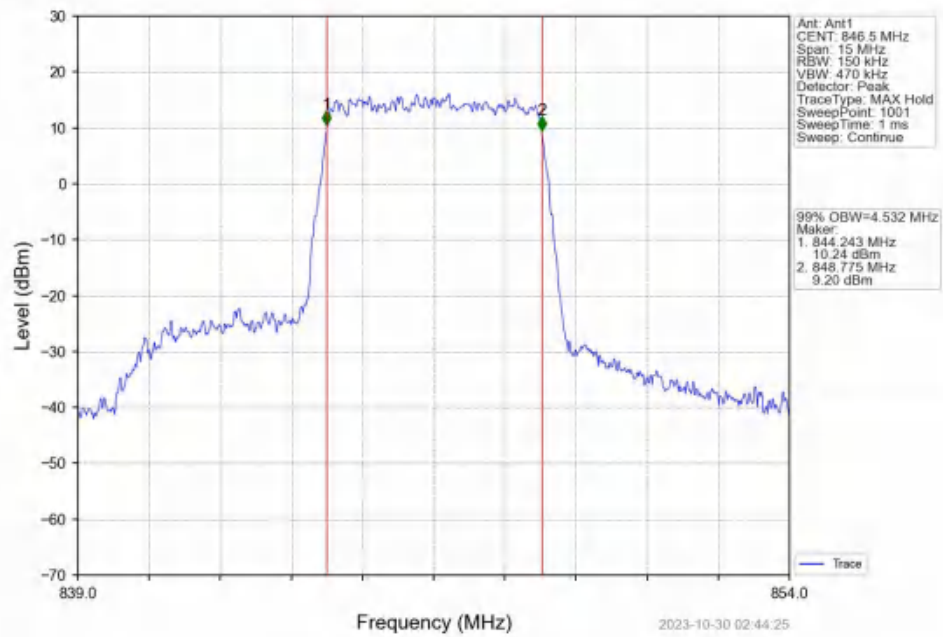
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



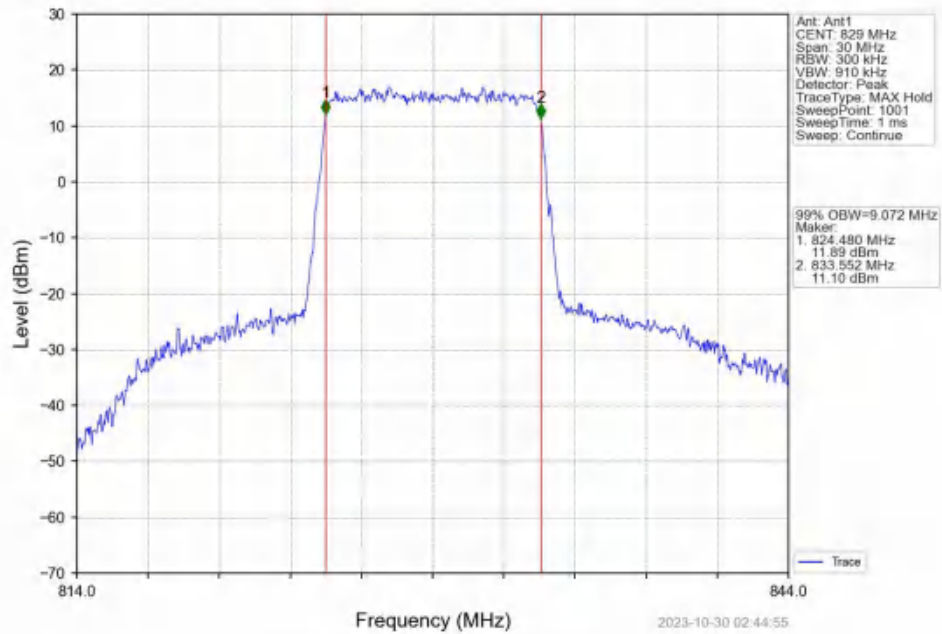
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



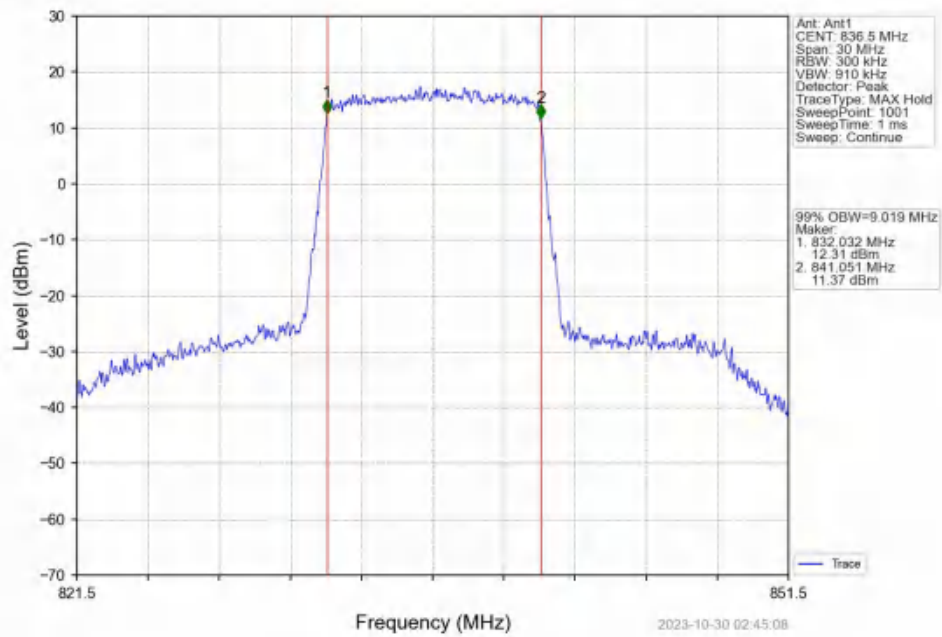
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



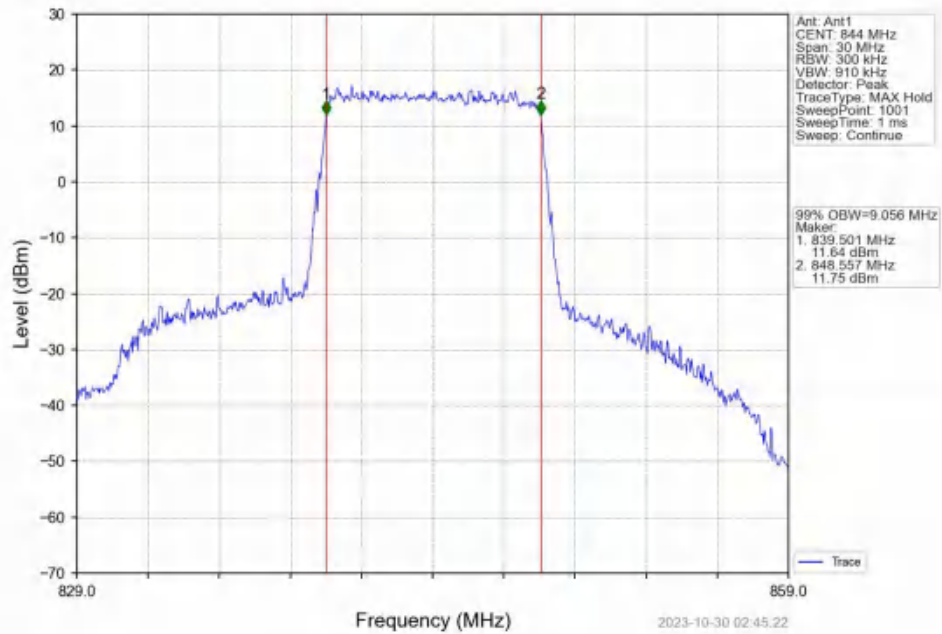
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



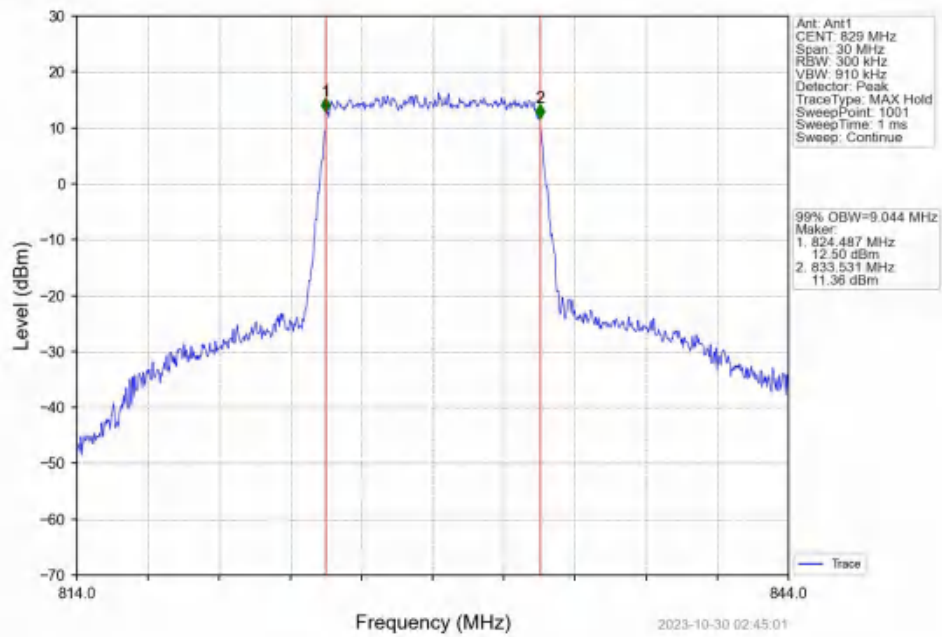
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



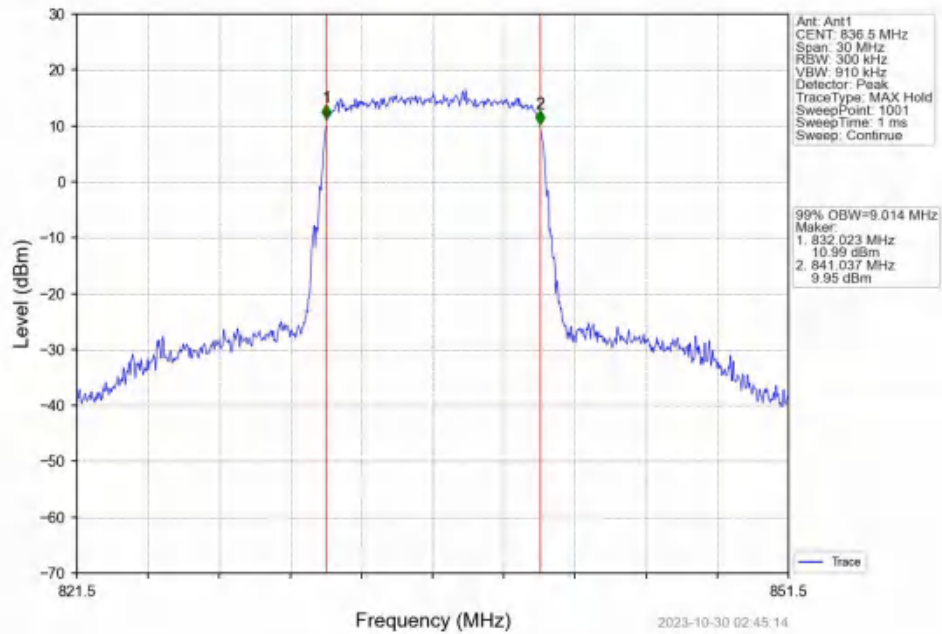
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



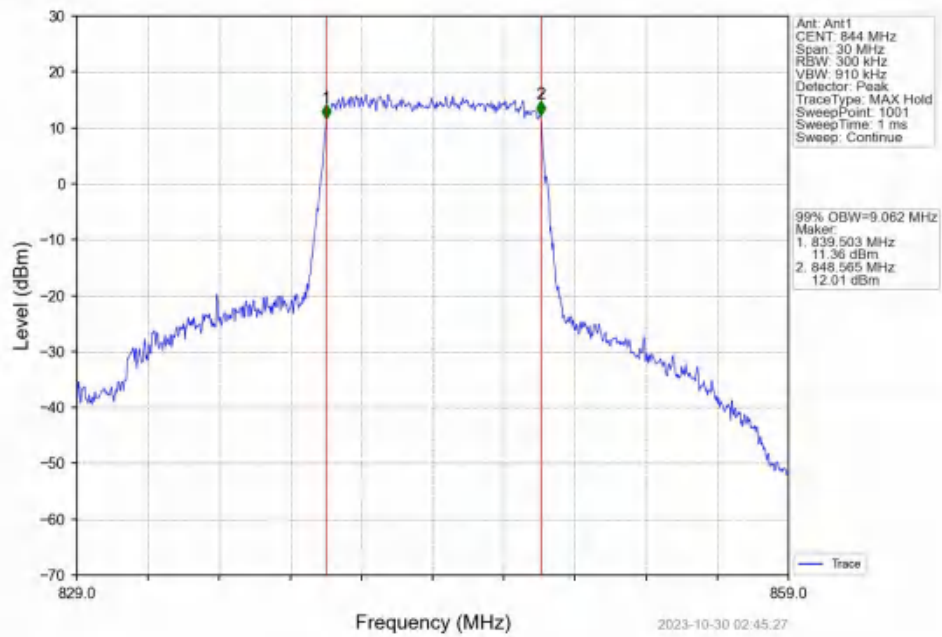
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

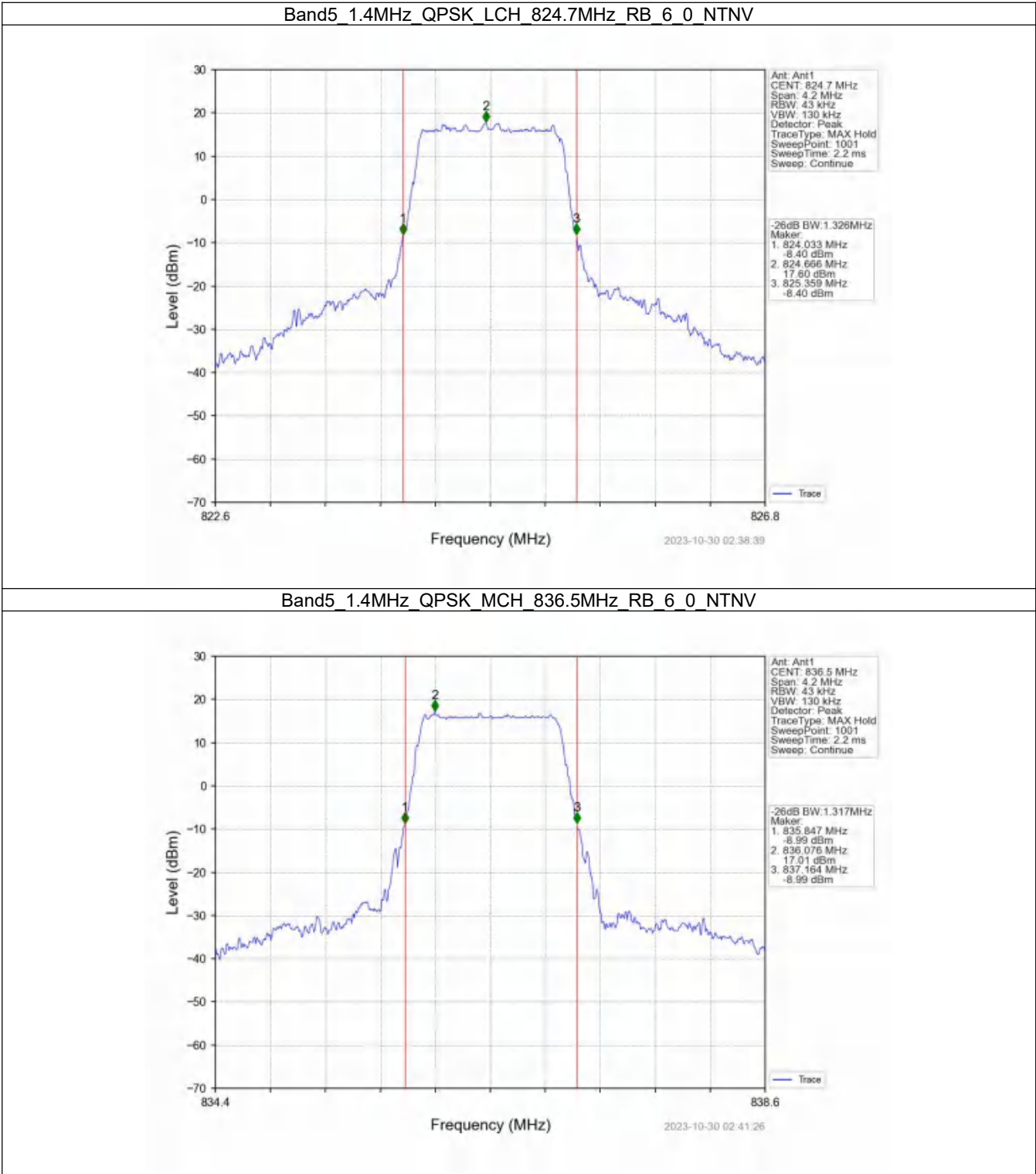


4.2 Band5_XDB

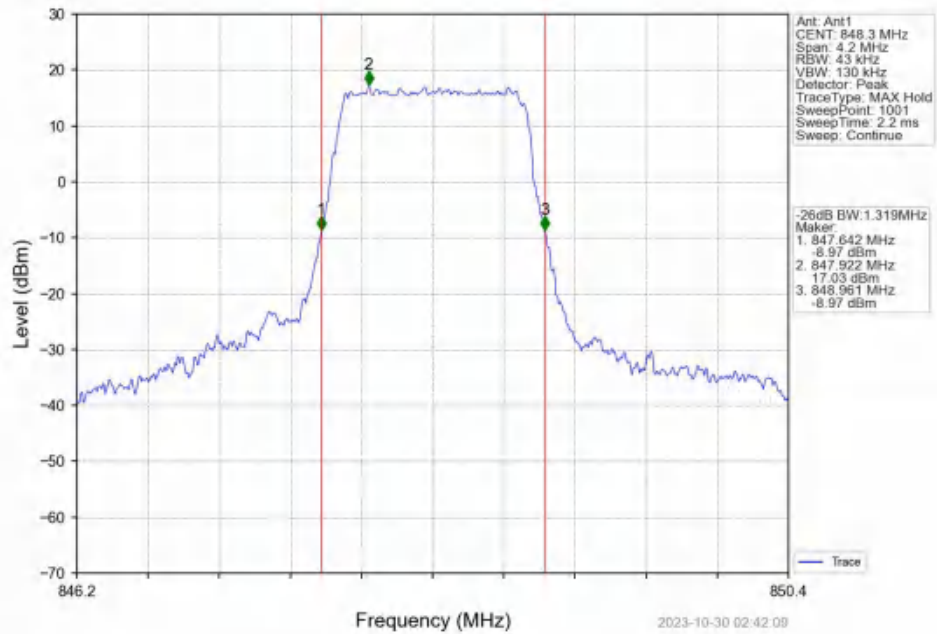
4.2.1 Test Result

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	1.326	/	Pass
		836.5	6	0	1.317	/	Pass
		848.3	6	0	1.319	/	Pass
	16QAM	824.7	6	0	1.320	/	Pass
		836.5	6	0	1.321	/	Pass
		848.3	6	0	1.342	/	Pass
3	QPSK	825.5	15	0	3.053	/	Pass
		836.5	15	0	3.027	/	Pass
		847.5	15	0	3.043	/	Pass
	16QAM	825.5	15	0	3.075	/	Pass
		836.5	15	0	3.028	/	Pass
		847.5	15	0	3.071	/	Pass
5	QPSK	826.5	25	0	5.089	/	Pass
		836.5	25	0	5.070	/	Pass
		846.5	25	0	5.113	/	Pass
	16QAM	826.5	25	0	5.125	/	Pass
		836.5	25	0	5.061	/	Pass
		846.5	25	0	5.096	/	Pass
10	QPSK	829	50	0	10.058	/	Pass
		836.5	50	0	9.932	/	Pass
		844	50	0	10.140	/	Pass
	16QAM	829	50	0	10.039	/	Pass
		836.5	50	0	10.016	/	Pass
		844	50	0	10.035	/	Pass

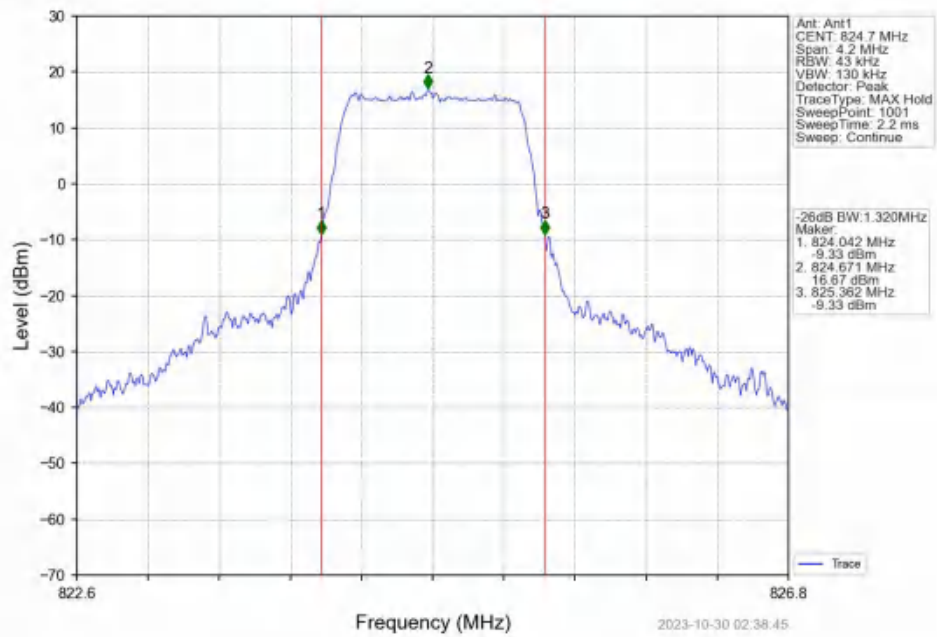
4.2.2 Test Graph



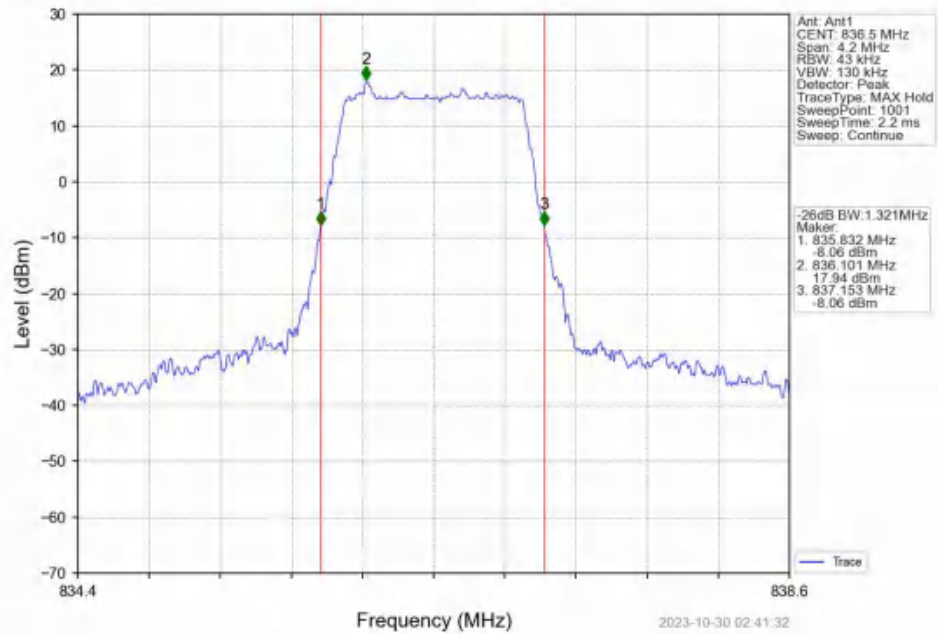
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



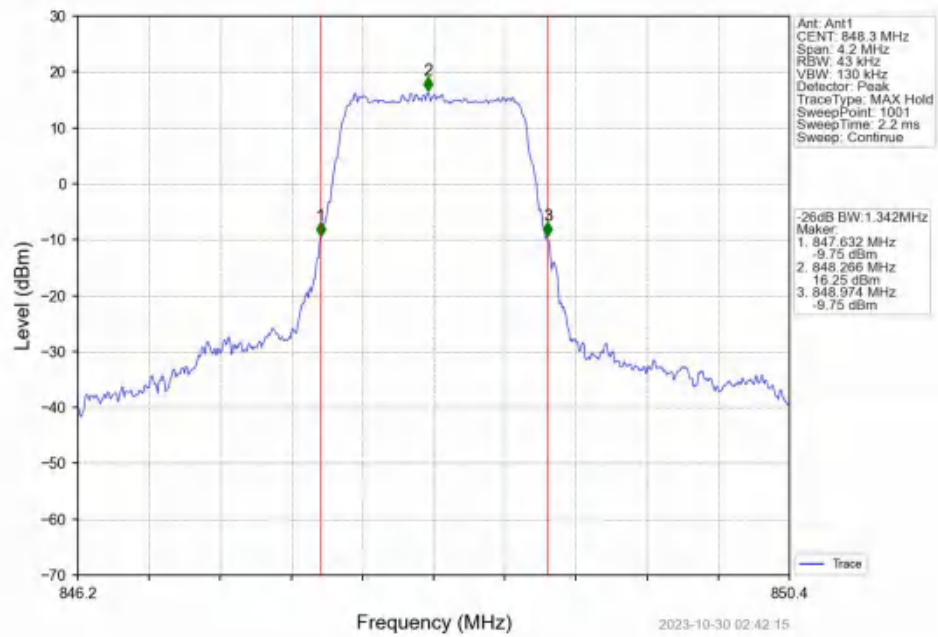
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



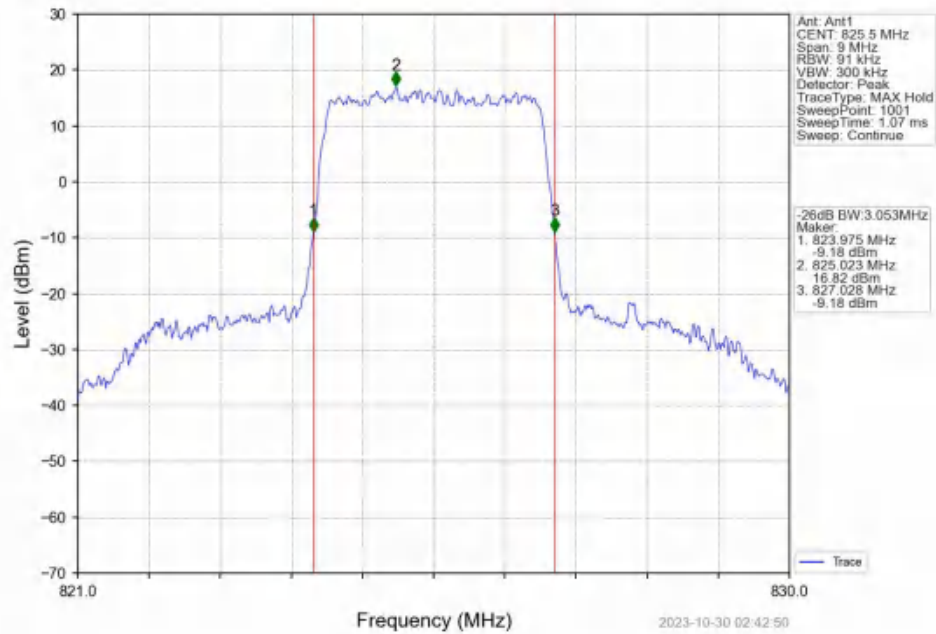
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



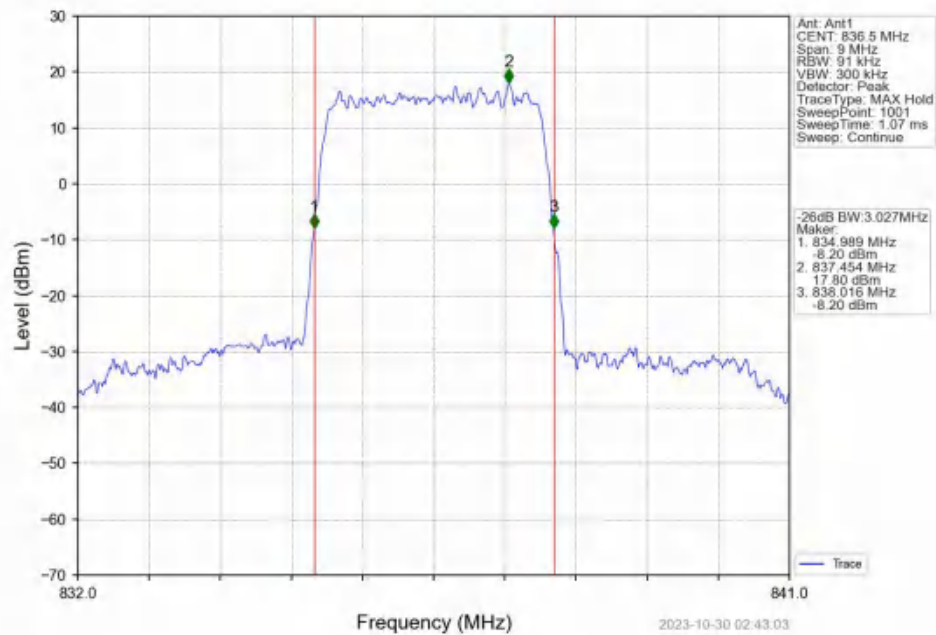
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



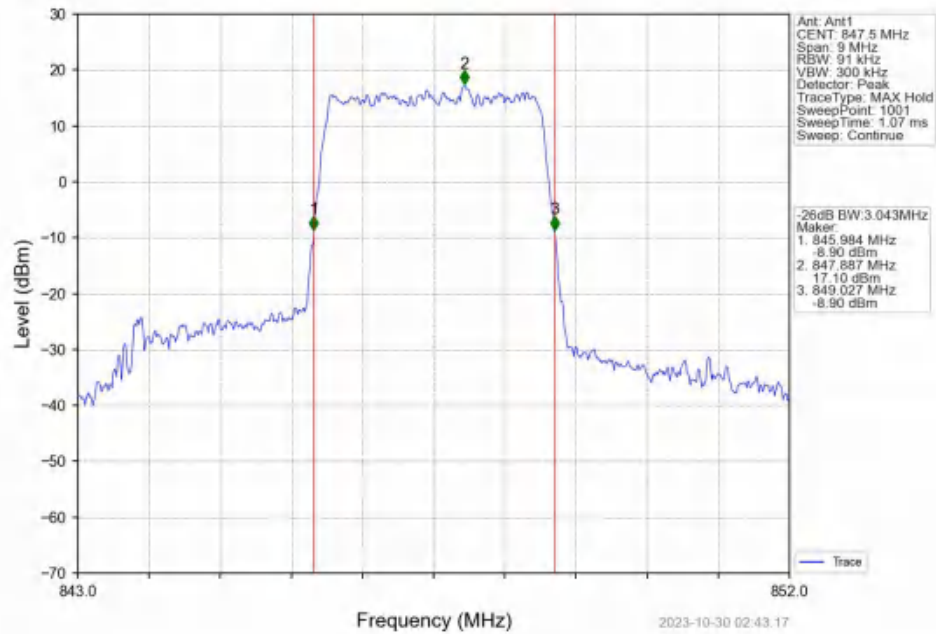
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



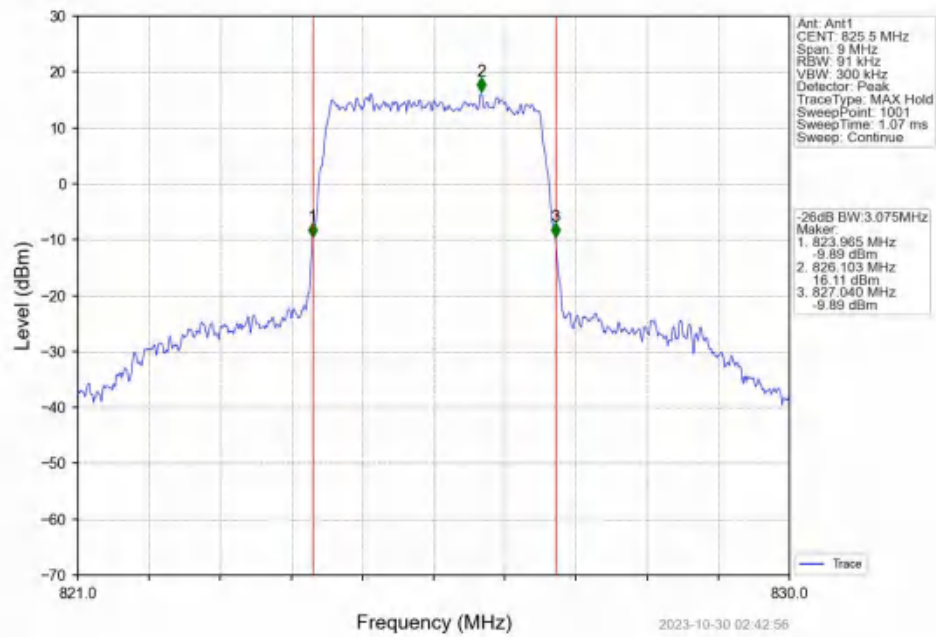
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



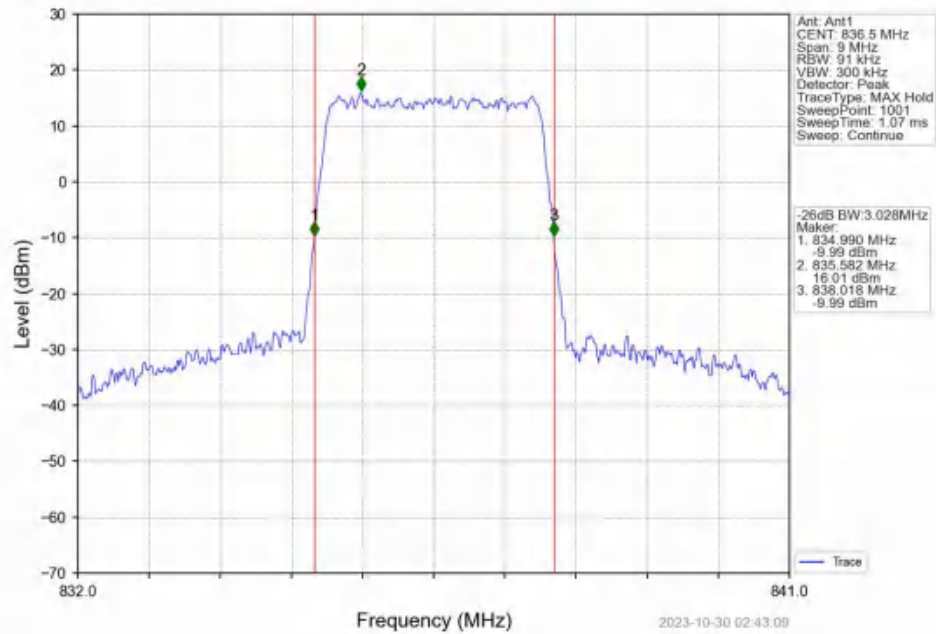
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



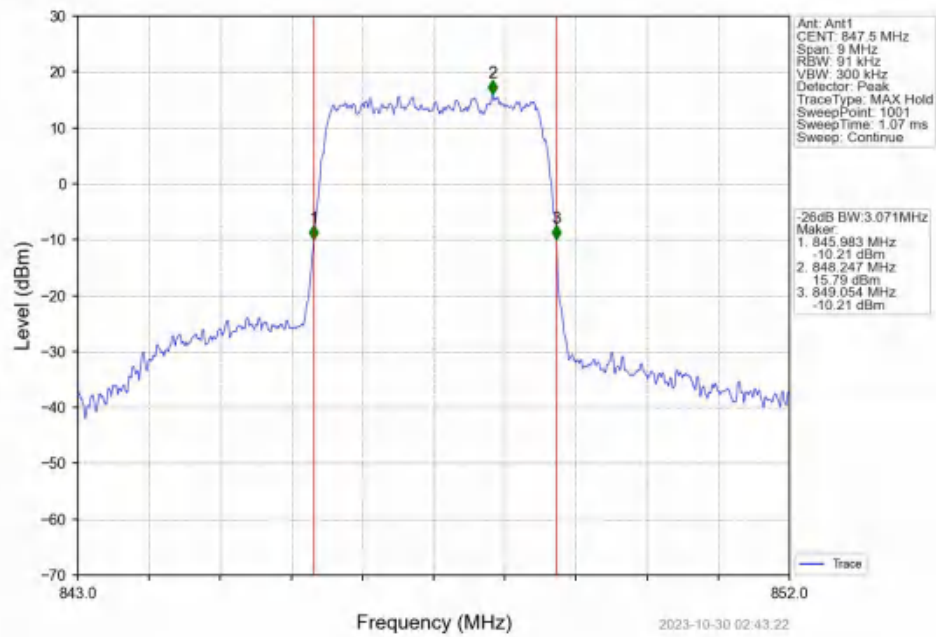
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



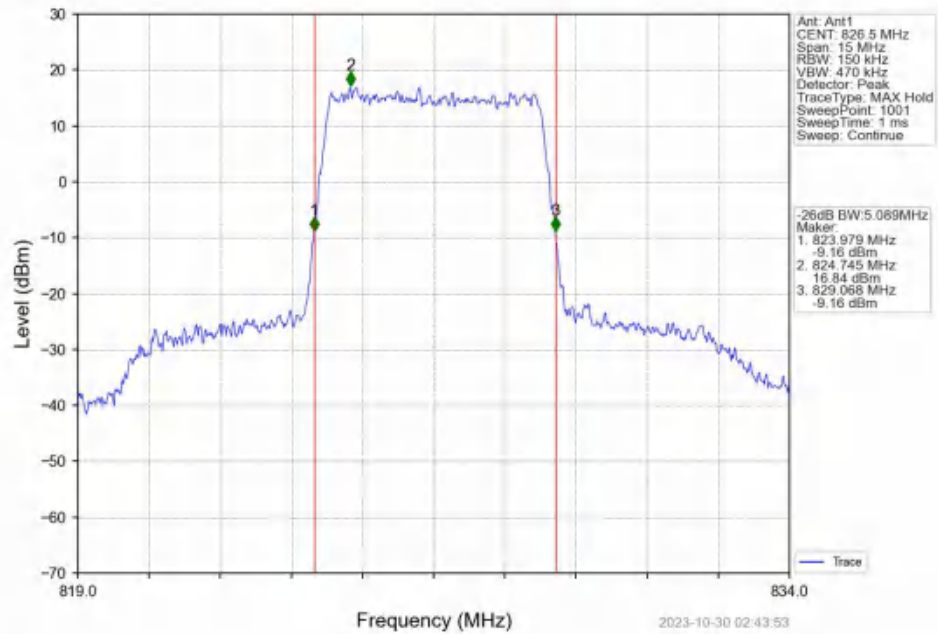
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



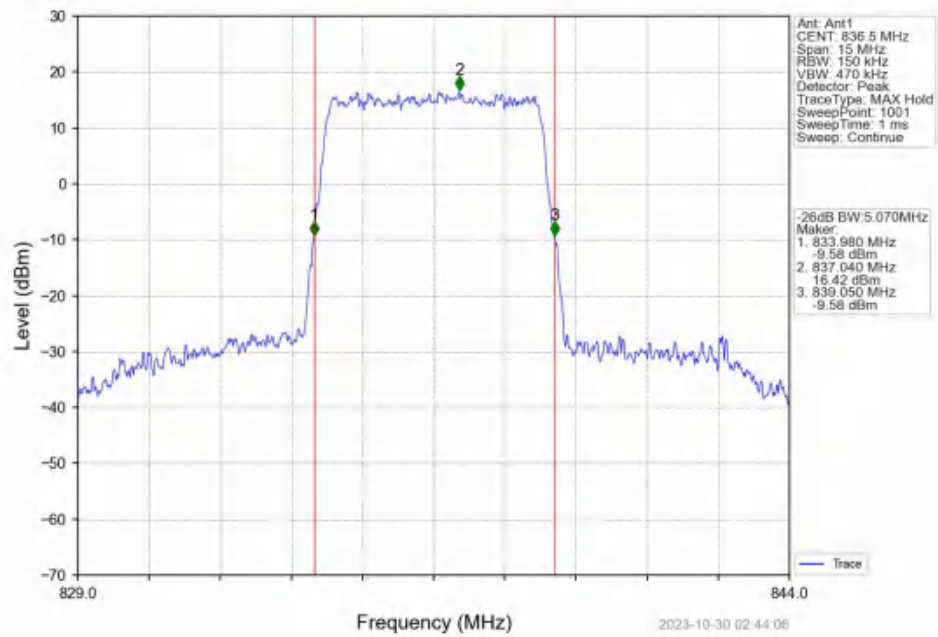
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



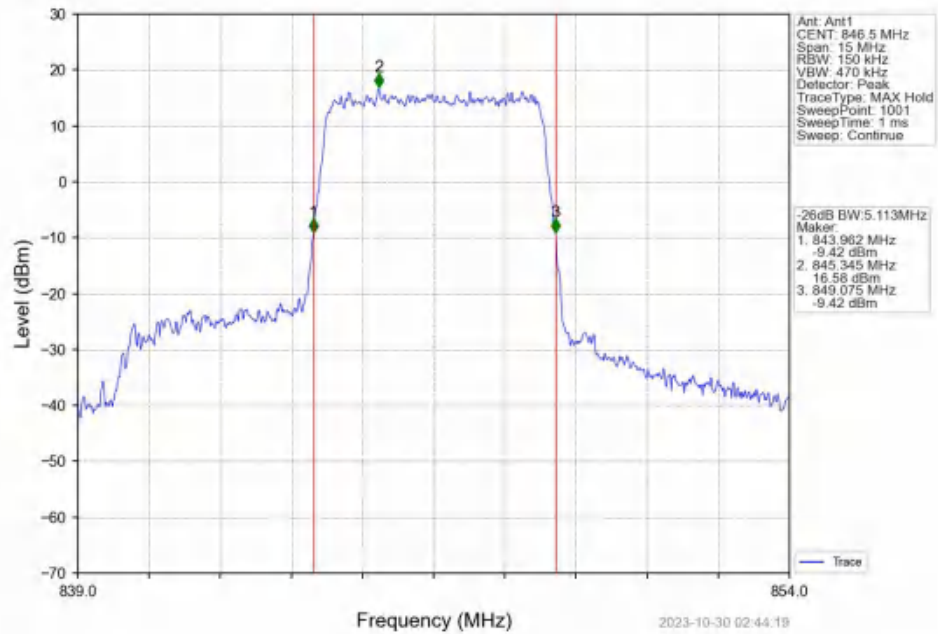
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



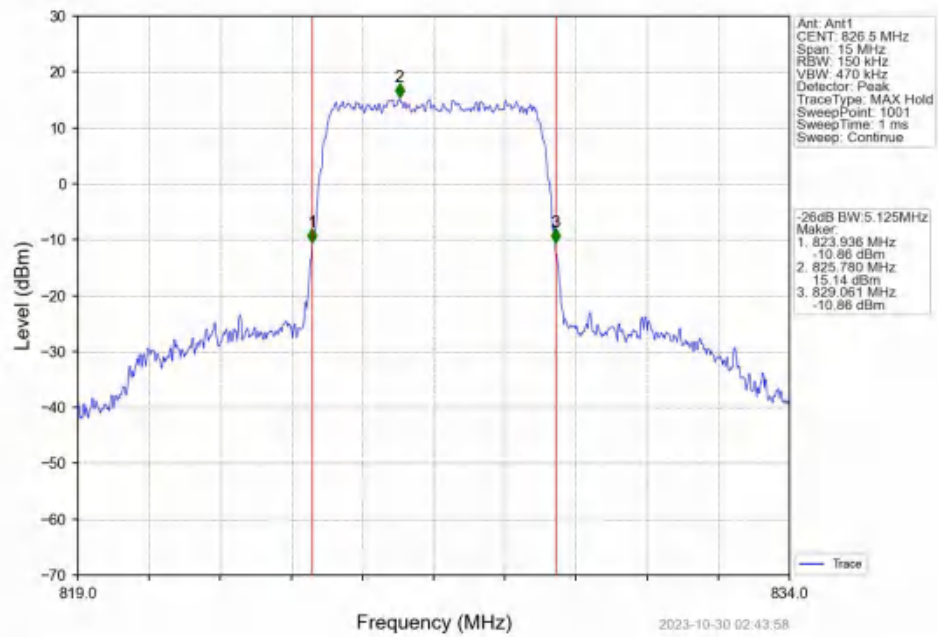
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



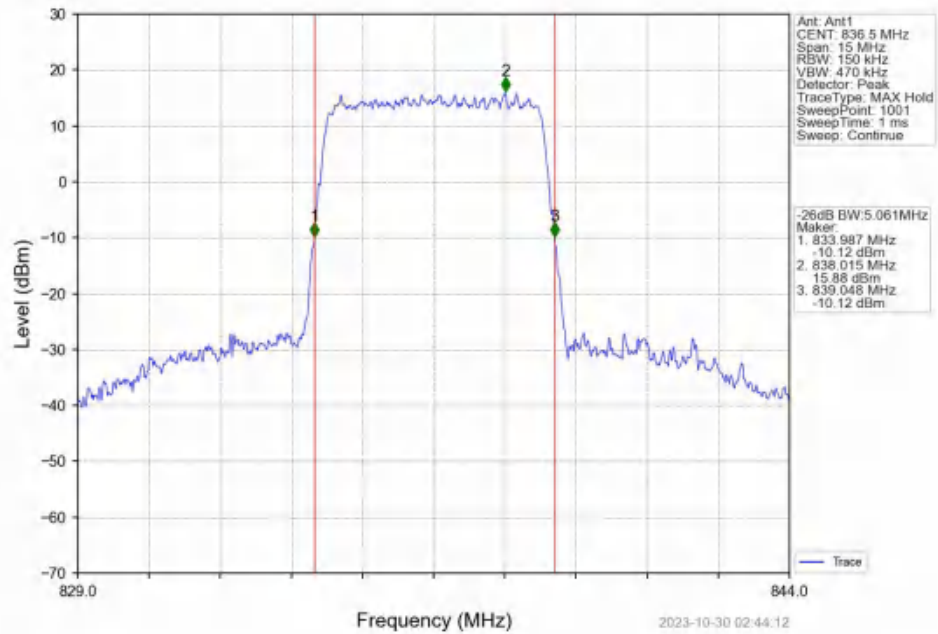
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



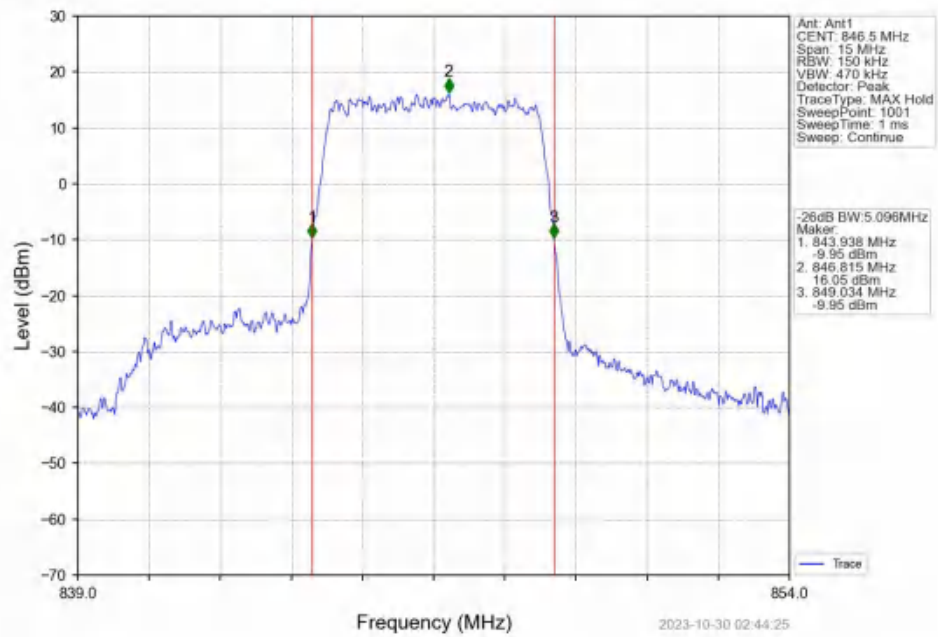
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



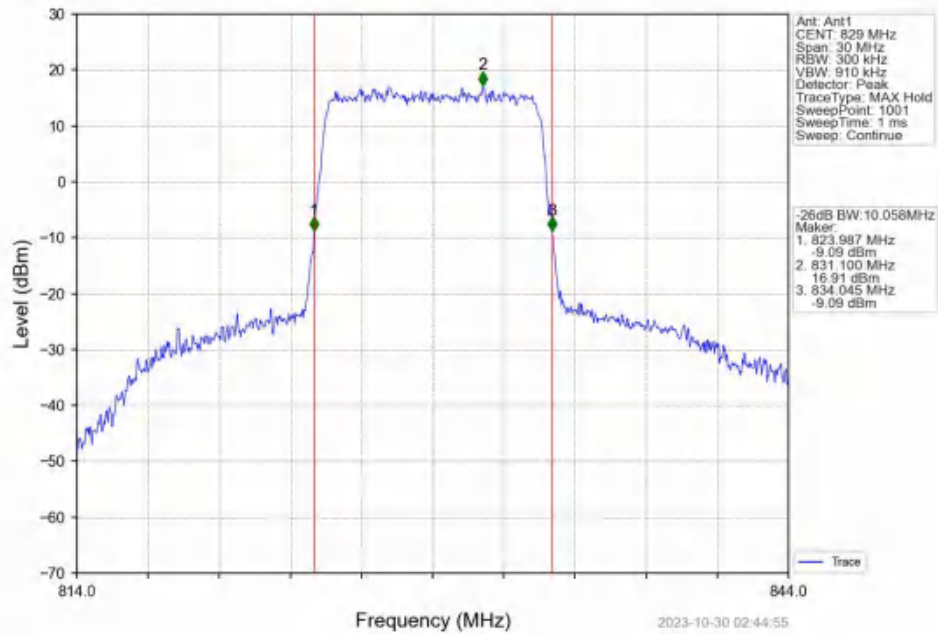
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



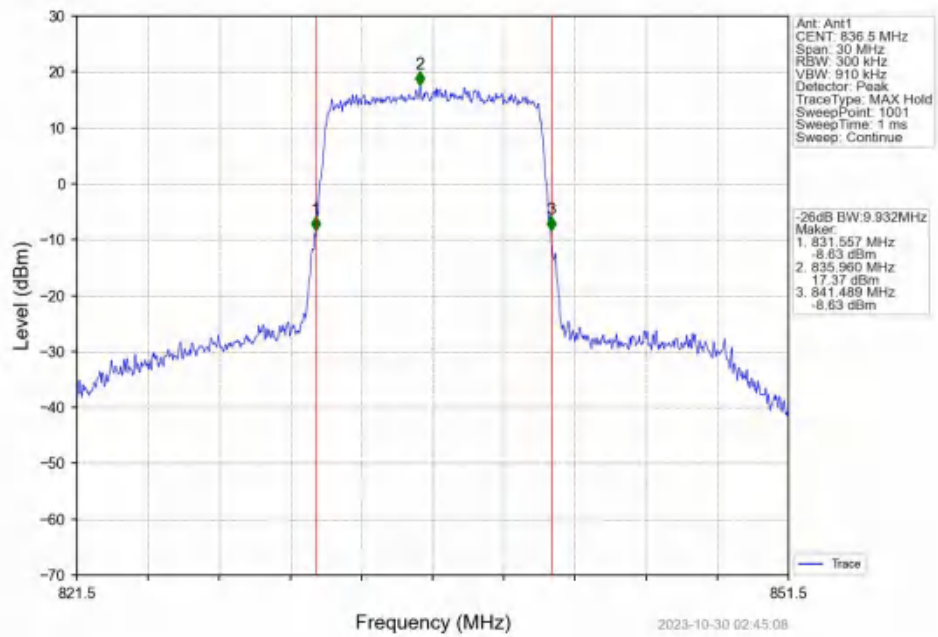
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



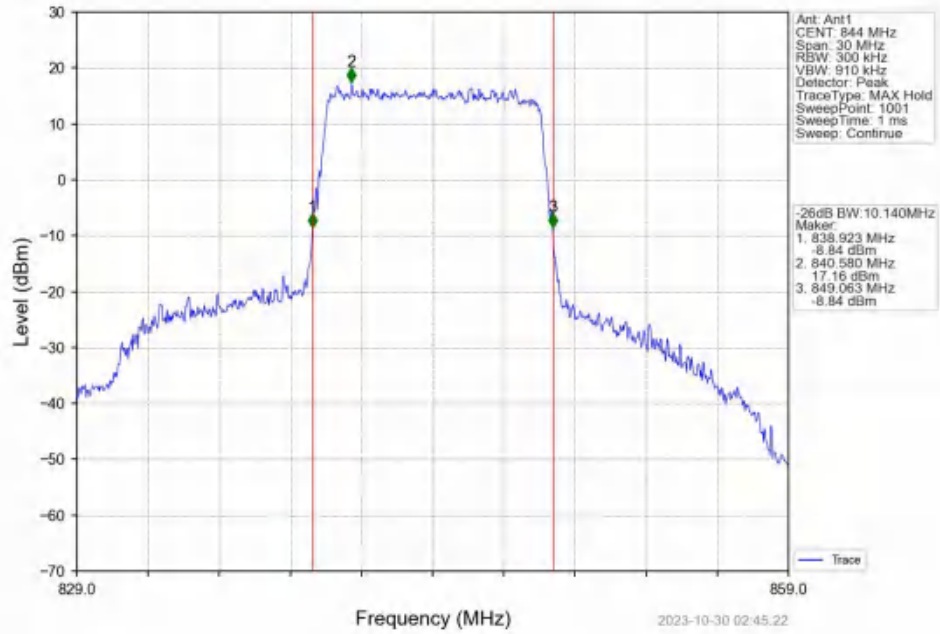
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



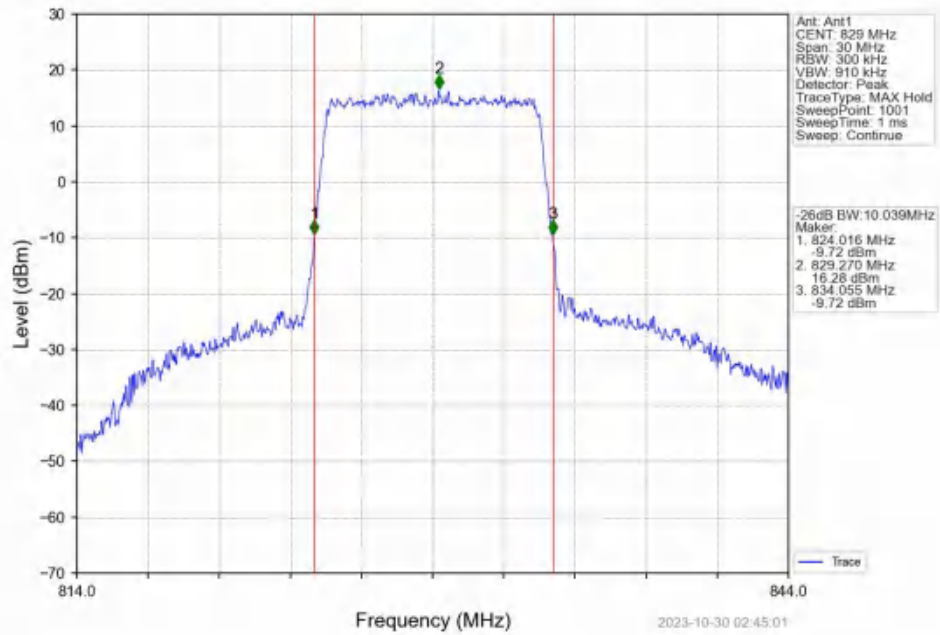
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



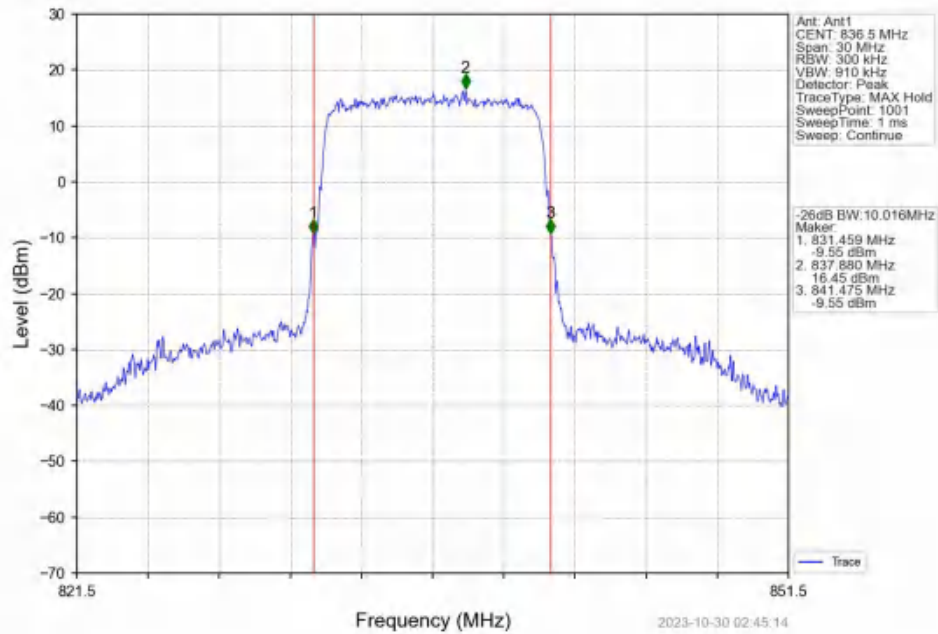
Band5_10MHz QPSK HCH 844MHz RB 50 0 NTN



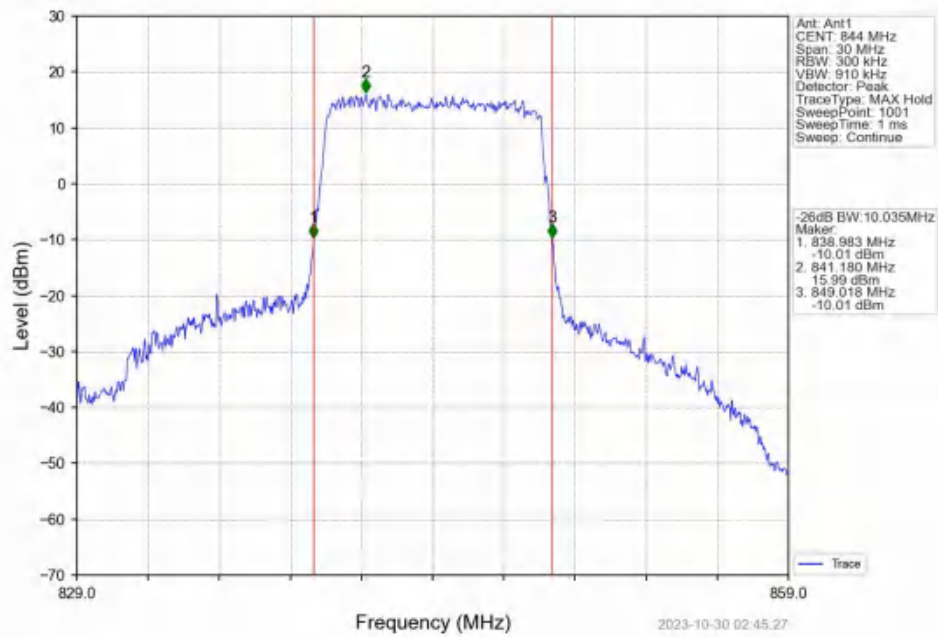
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0 NTN



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



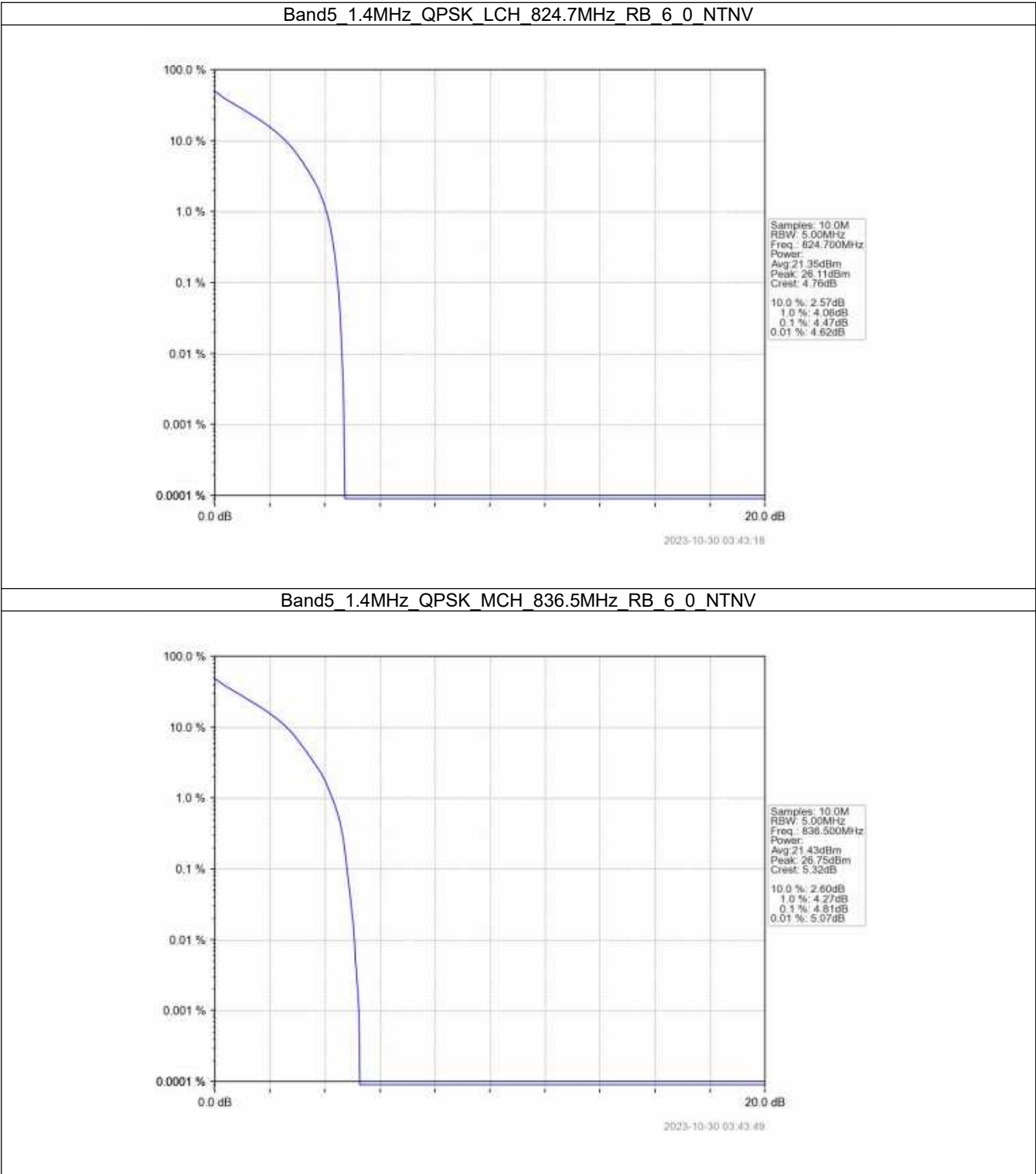
5. Peak-Average Ratio

5.1 B5_1.4MHz

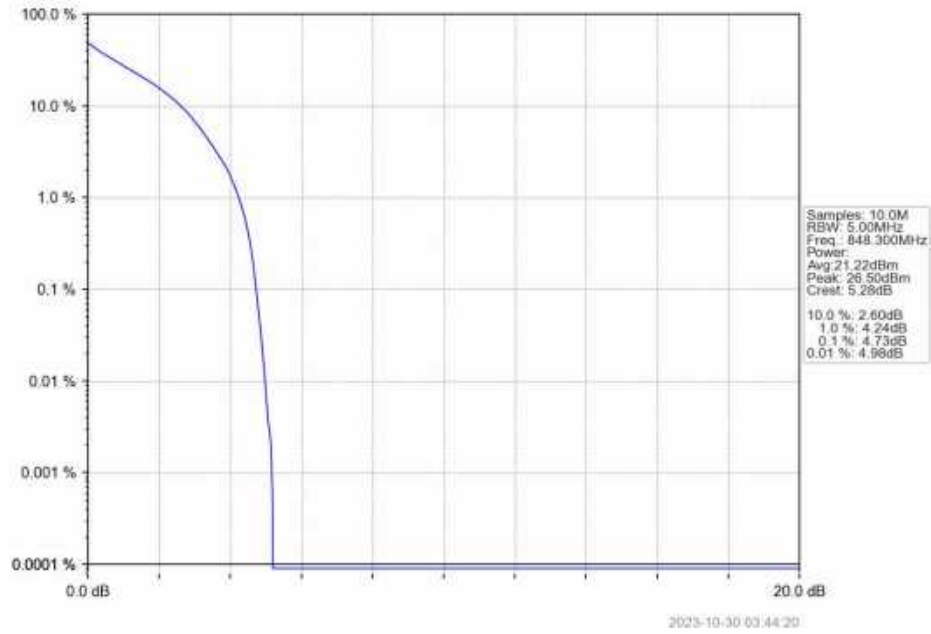
5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.47	<=13	Pass
	836.5	6	0	4.81	<=13	Pass
	848.3	6	0	4.73	<=13	Pass
16QAM	824.7	6	0	5.36	<=13	Pass
	836.5	6	0	5.69	<=13	Pass
	848.3	6	0	5.59	<=13	Pass

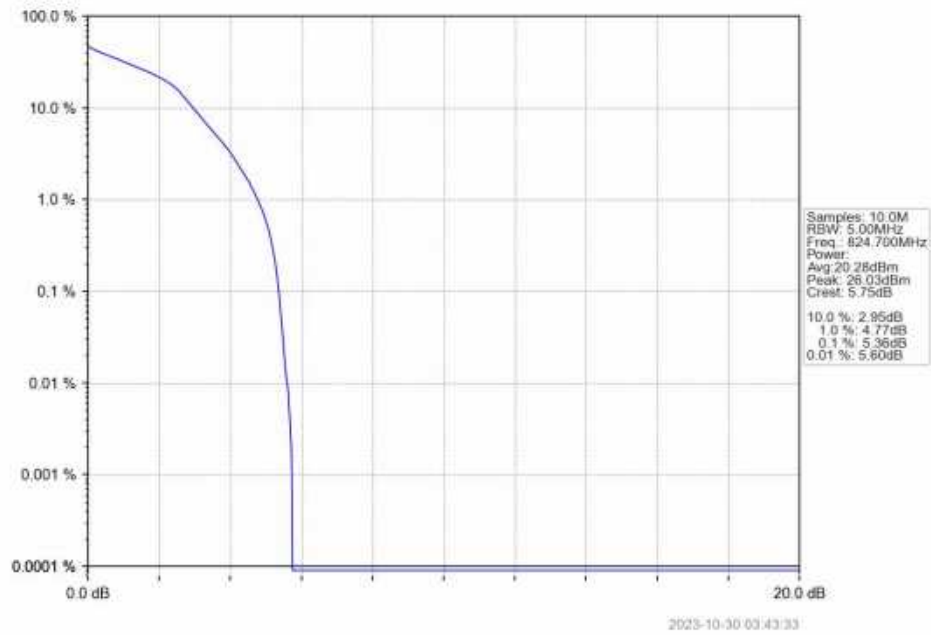
5.1.2 Test Graph



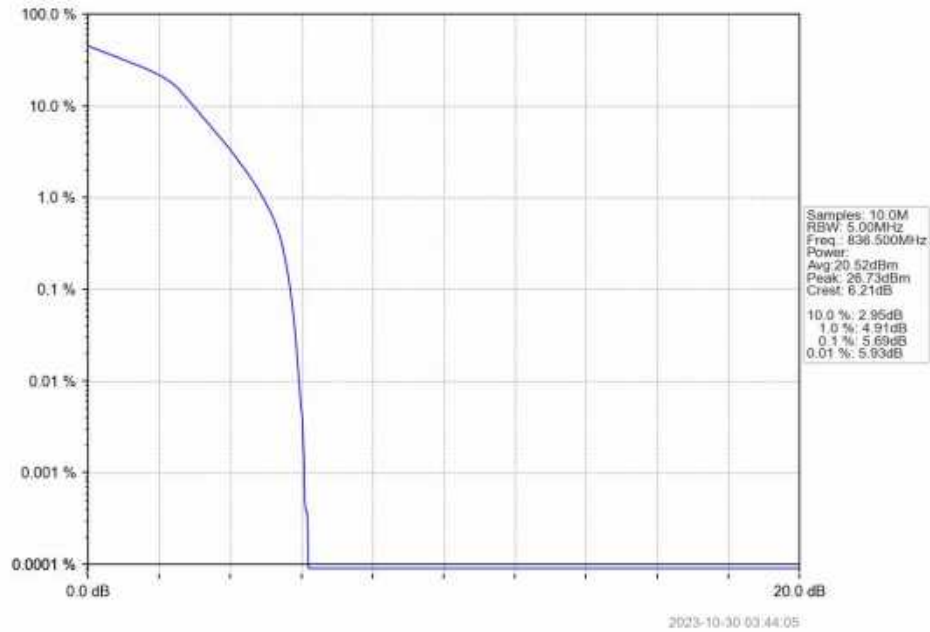
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



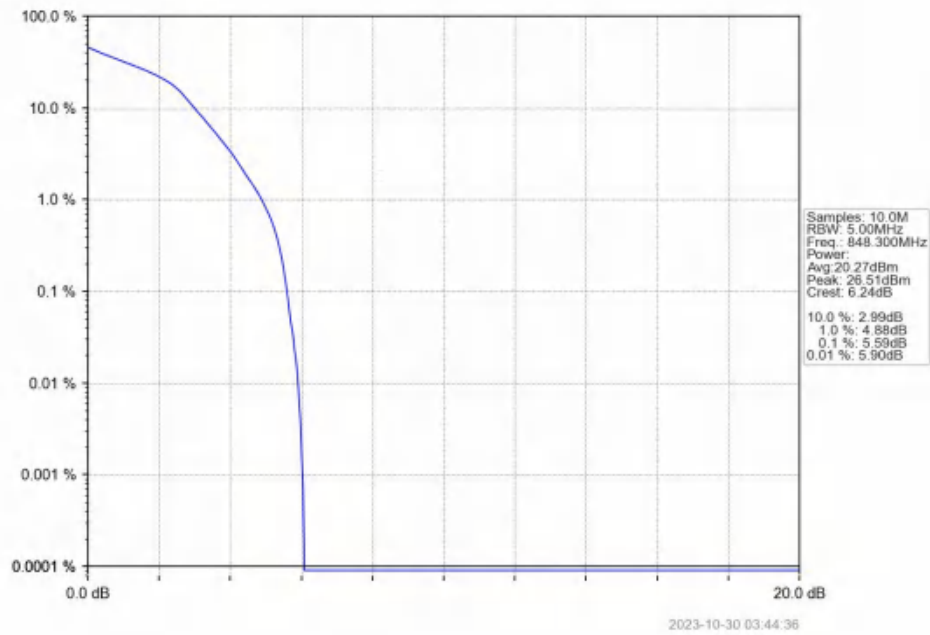
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

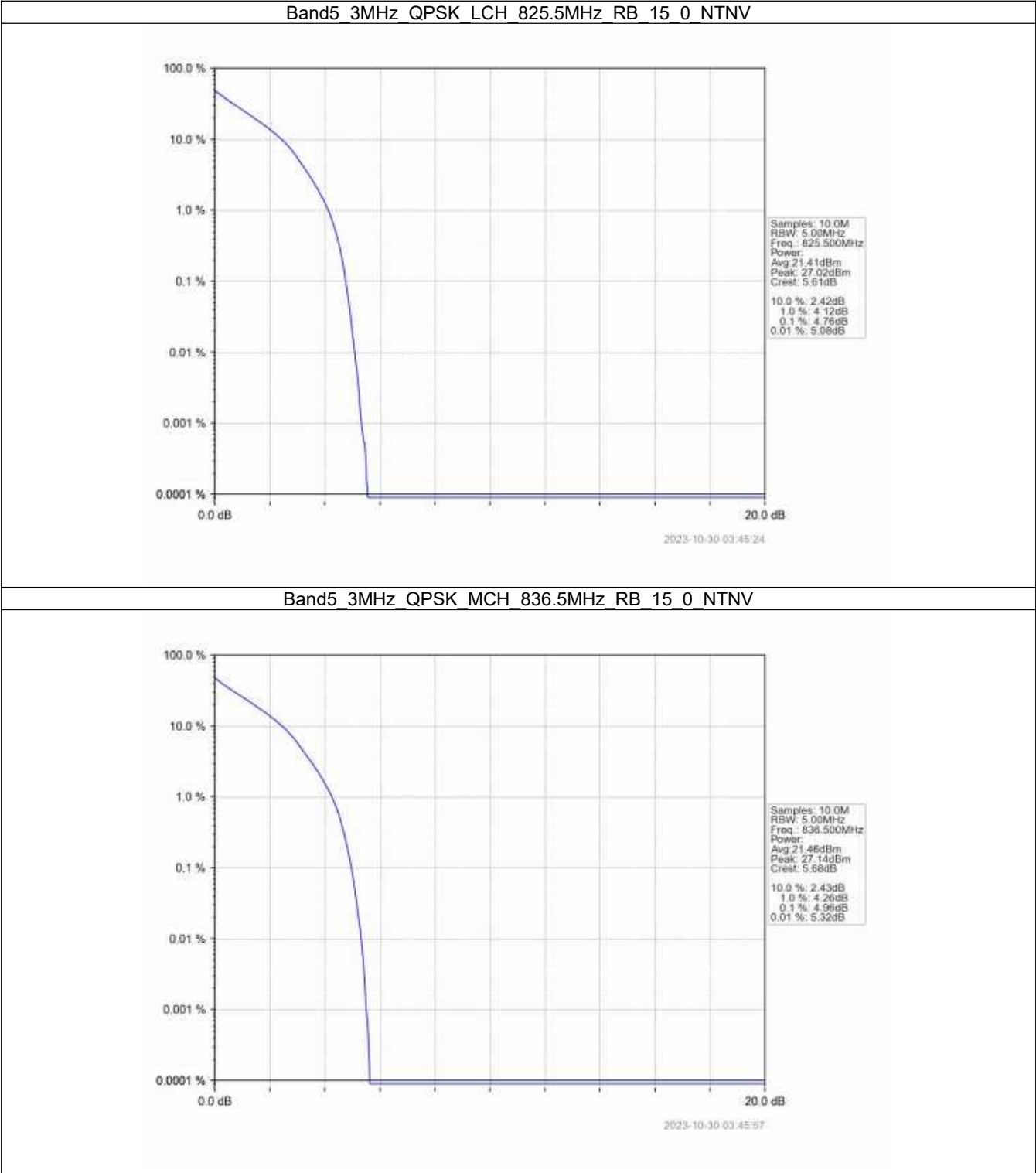


5.2 B5_3MHz

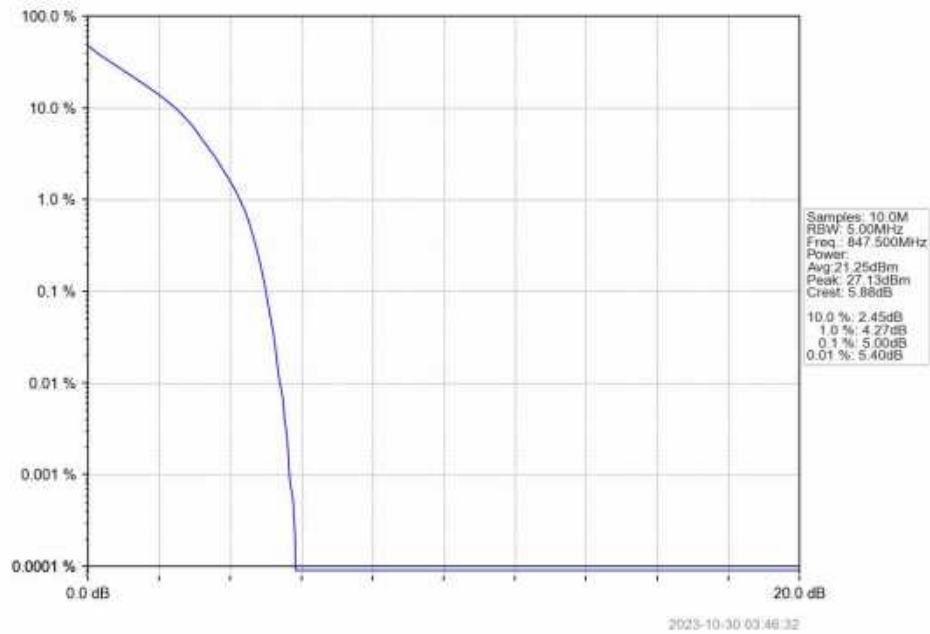
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.76	<=13	Pass
	836.5	15	0	4.96	<=13	Pass
	847.5	15	0	5.00	<=13	Pass
16QAM	825.5	15	0	5.55	<=13	Pass
	836.5	15	0	5.79	<=13	Pass
	847.5	15	0	5.82	<=13	Pass

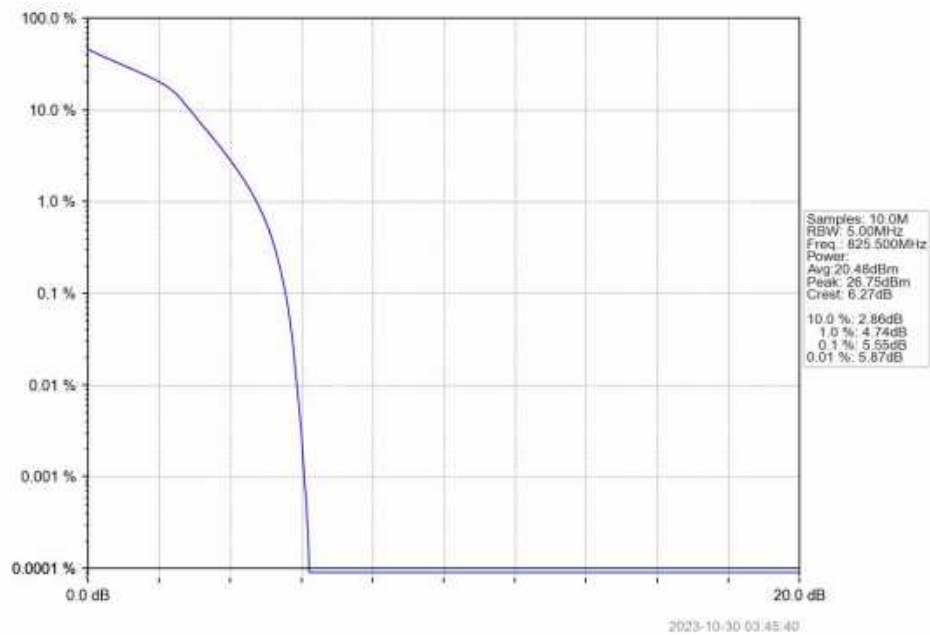
5.2.2 Test Graph



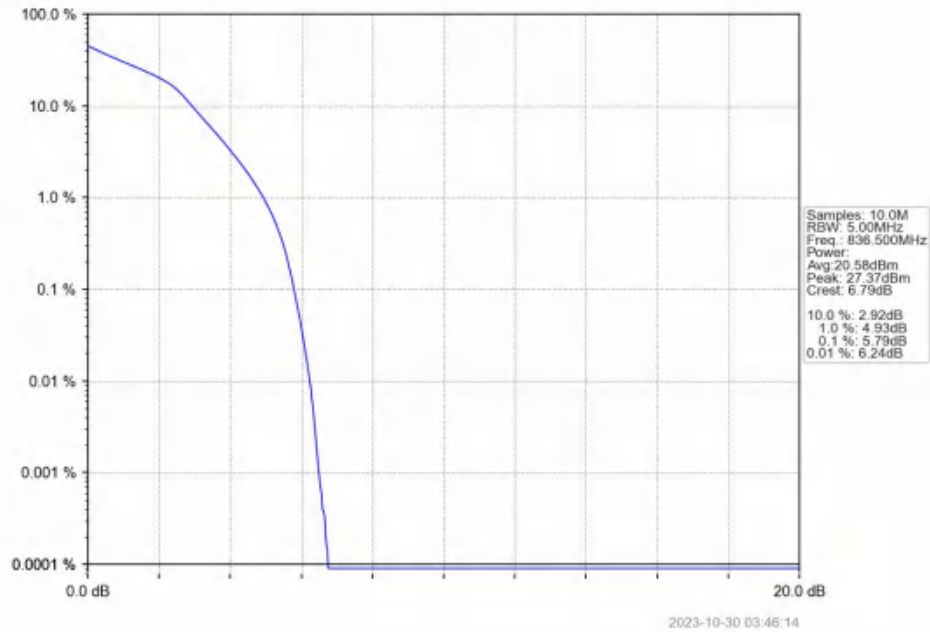
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



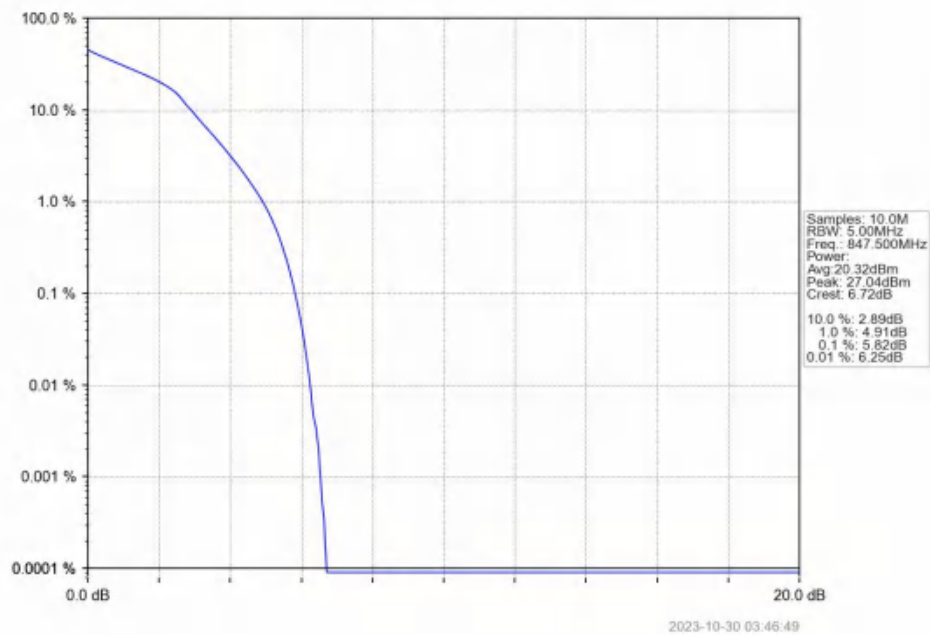
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

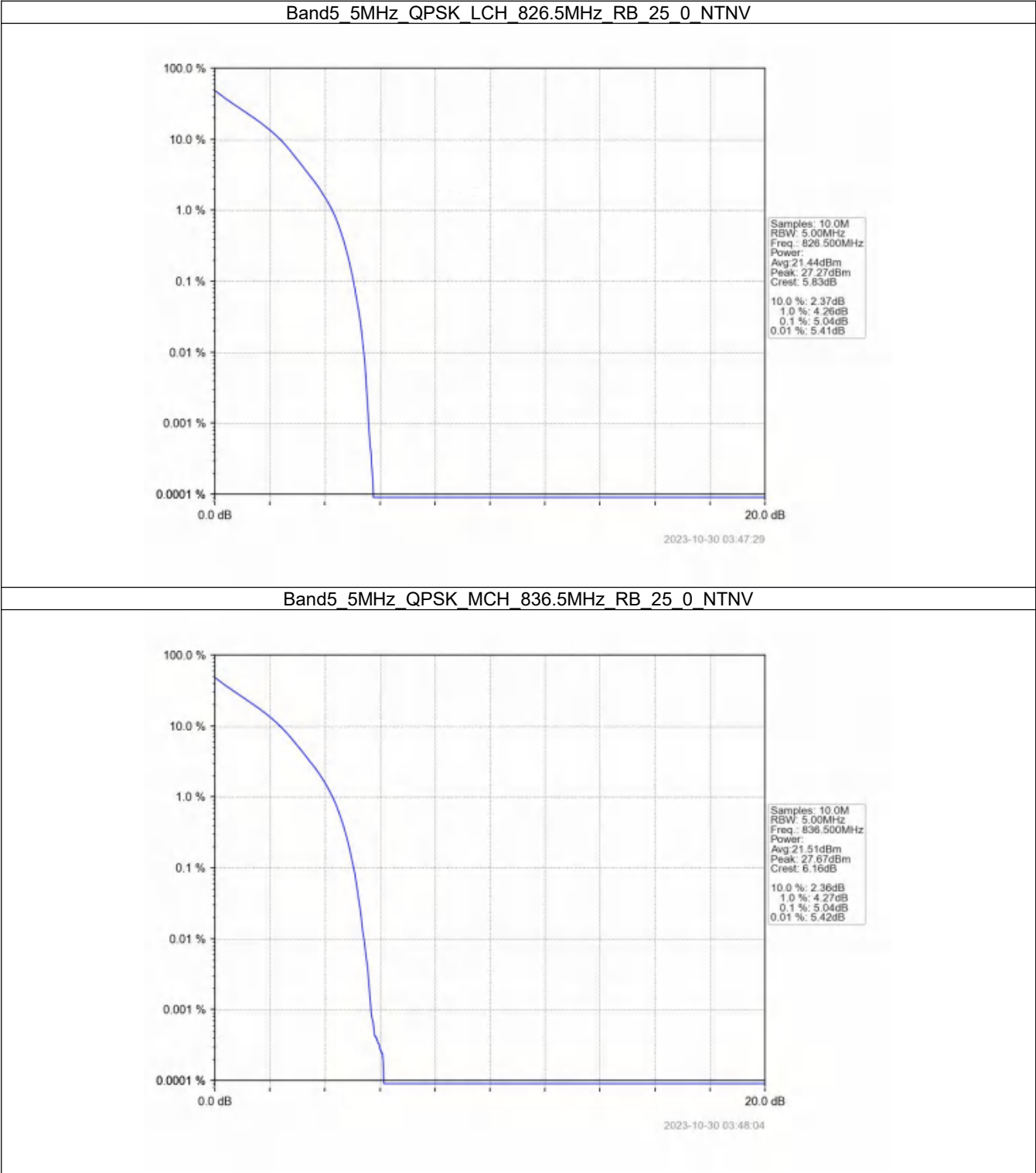


5.3 B5_5MHz

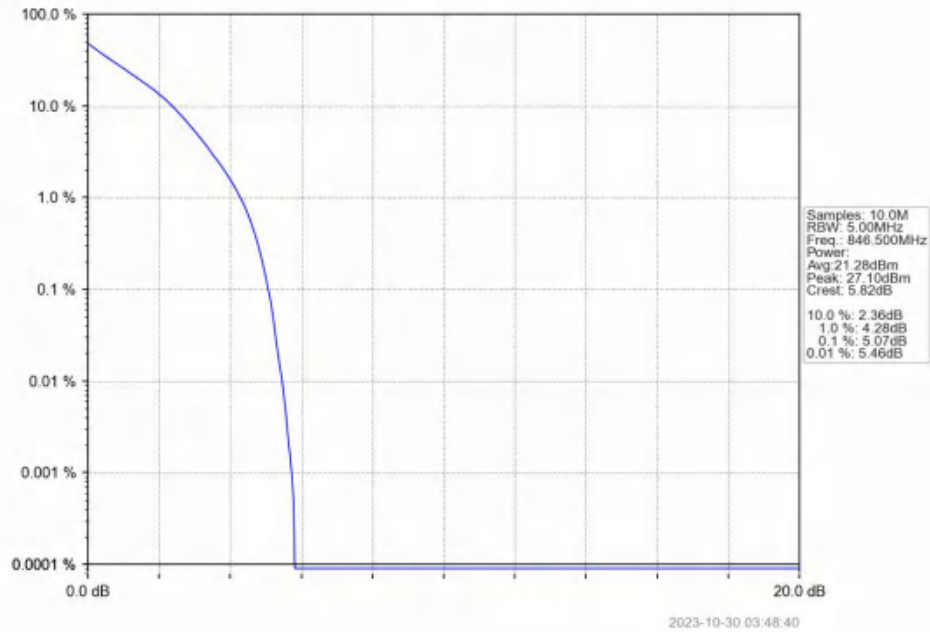
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.04	<=13	Pass
	836.5	25	0	5.04	<=13	Pass
	846.5	25	0	5.07	<=13	Pass
16QAM	826.5	25	0	5.79	<=13	Pass
	836.5	25	0	5.85	<=13	Pass
	846.5	25	0	5.84	<=13	Pass

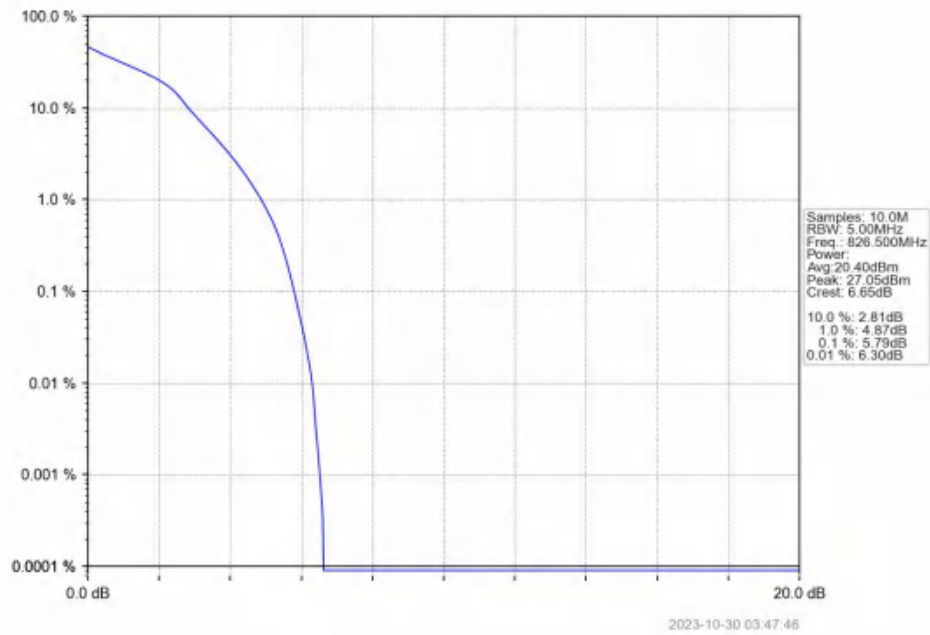
5.3.2 Test Graph



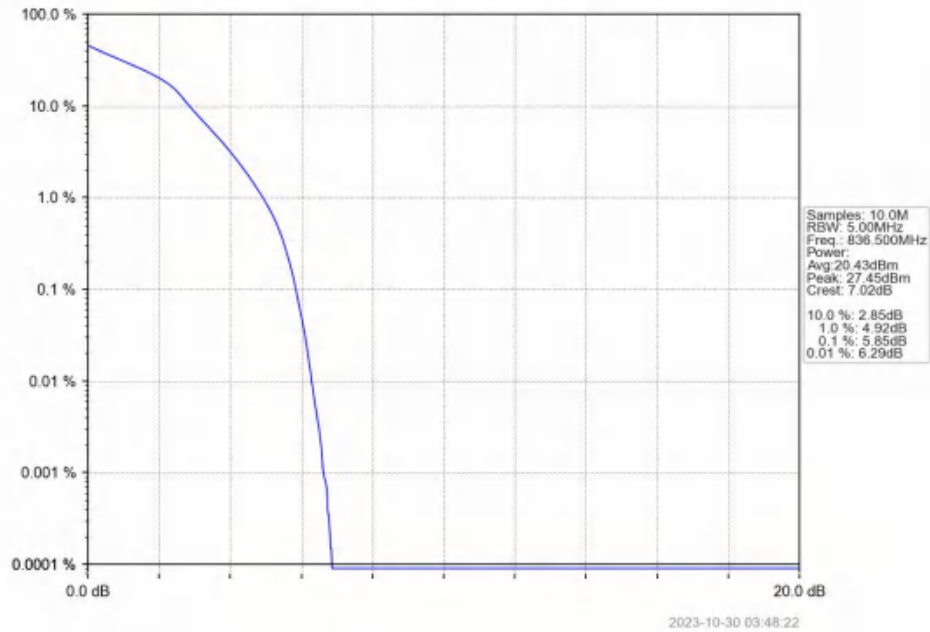
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



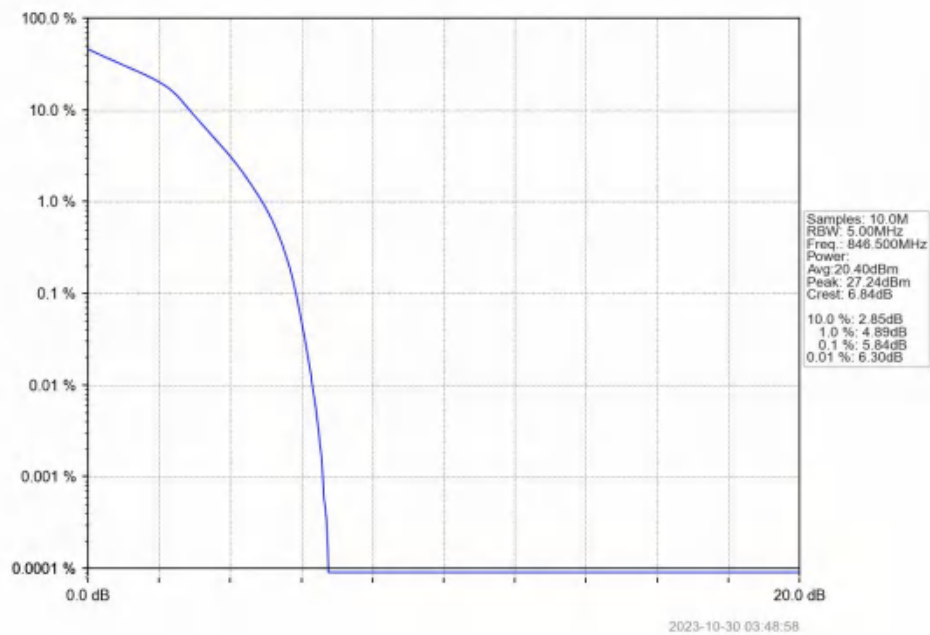
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

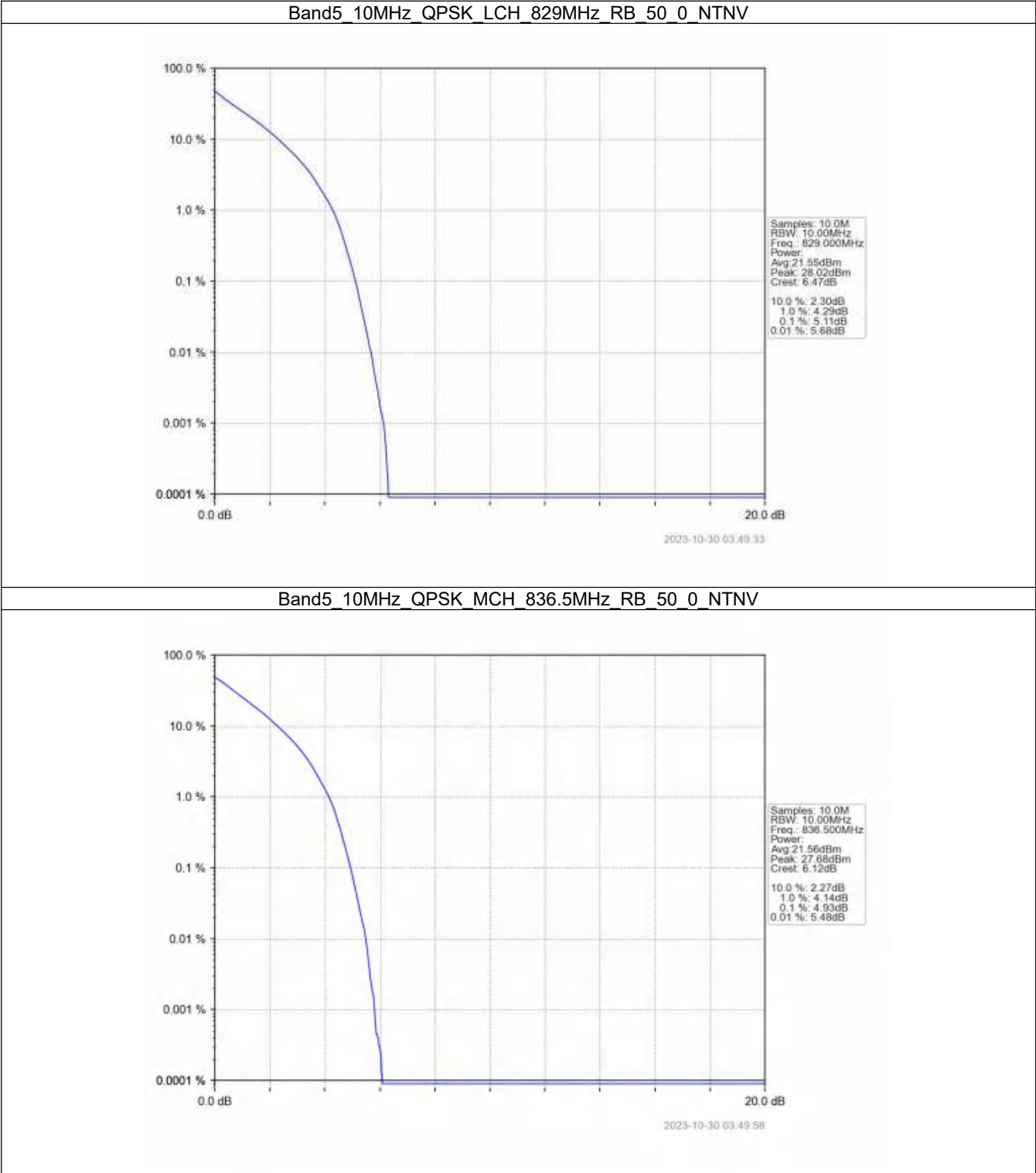


5.4 B5_10MHz

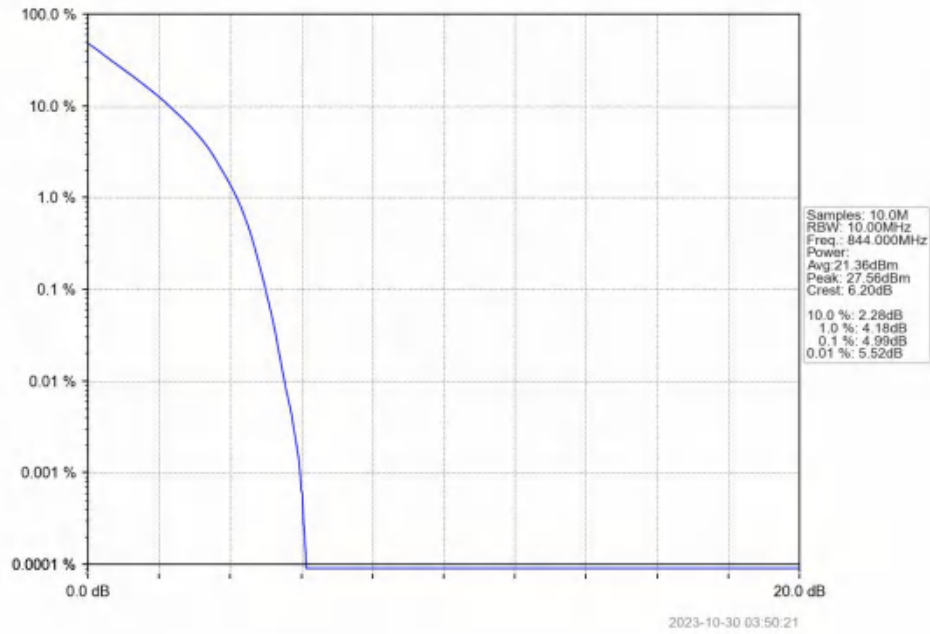
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.11	<=13	Pass
	836.5	50	0	4.93	<=13	Pass
	844	50	0	4.99	<=13	Pass
16QAM	829	50	0	5.90	<=13	Pass
	836.5	50	0	5.78	<=13	Pass
	844	50	0	5.76	<=13	Pass

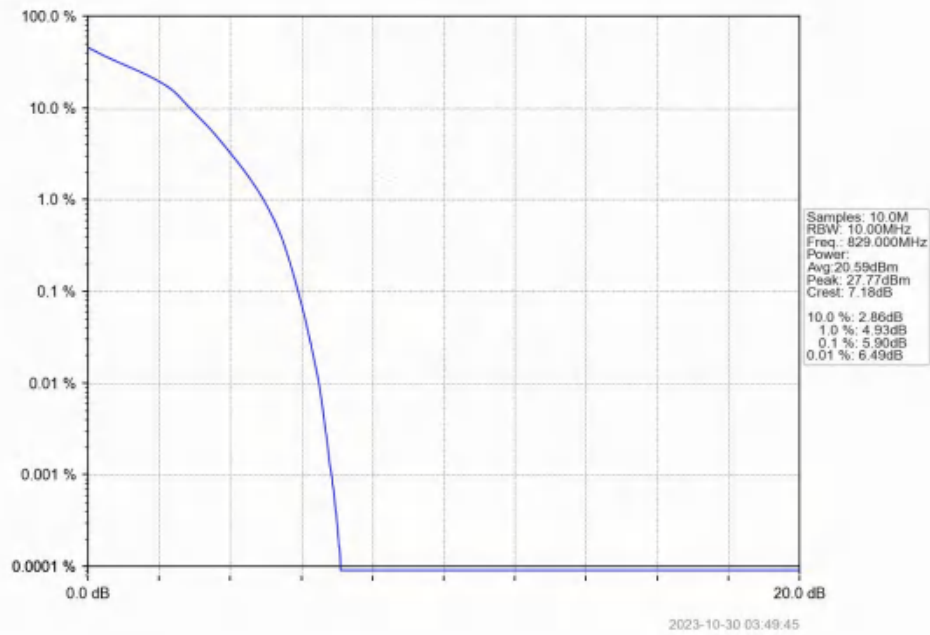
5.4.2 Test Graph



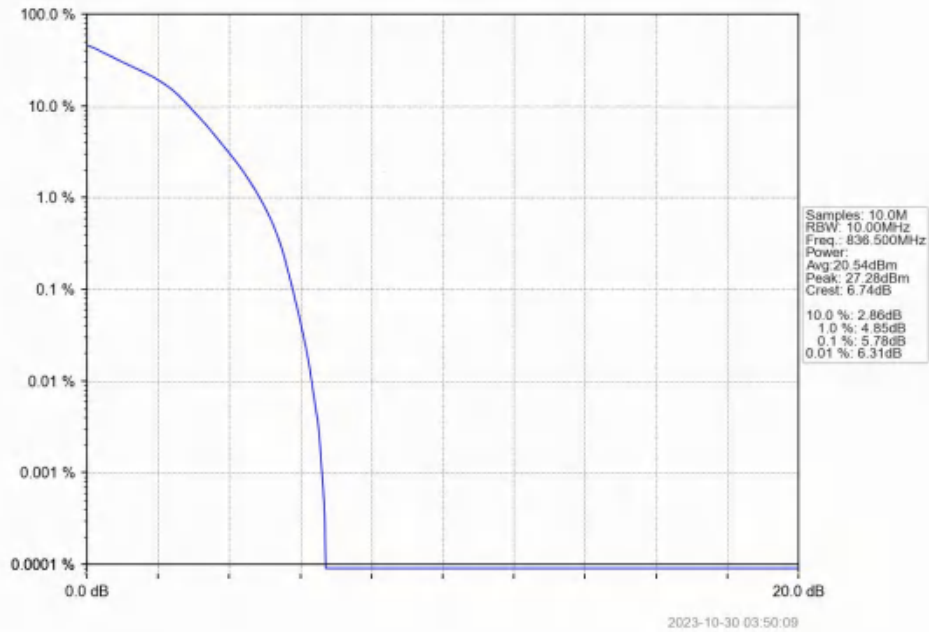
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



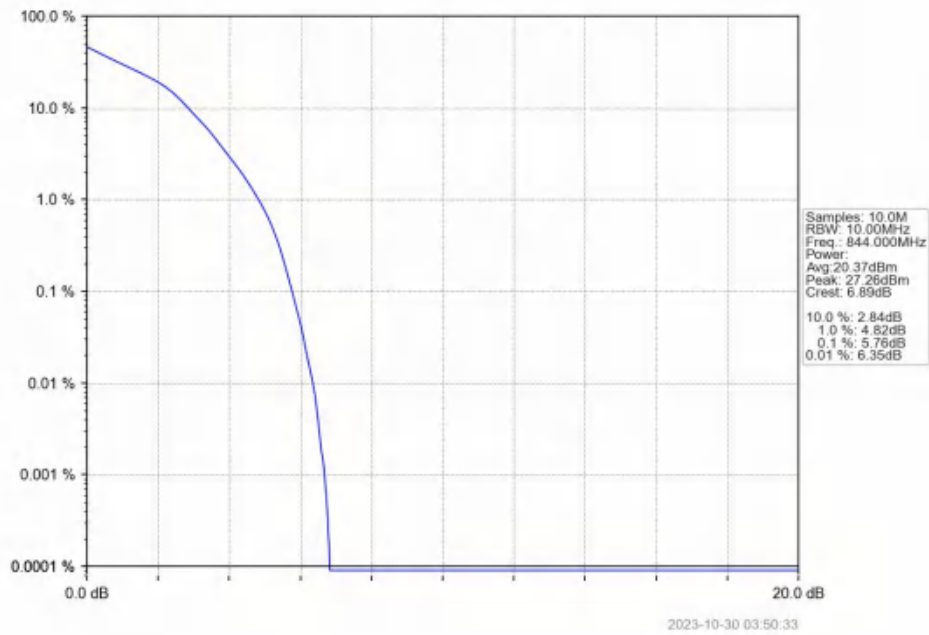
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



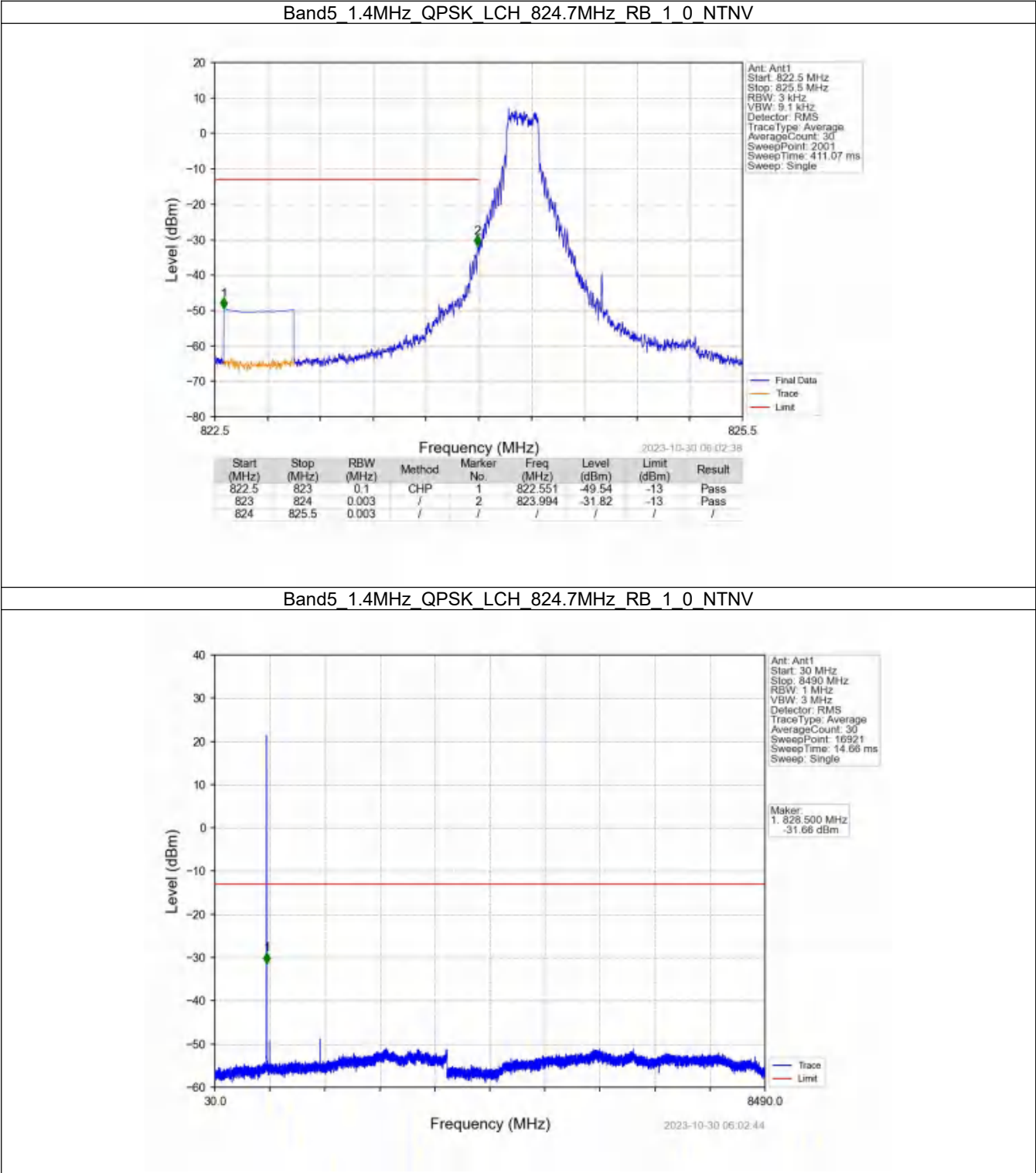
6. Spurious Emission

6.1 B5_1.4MHz

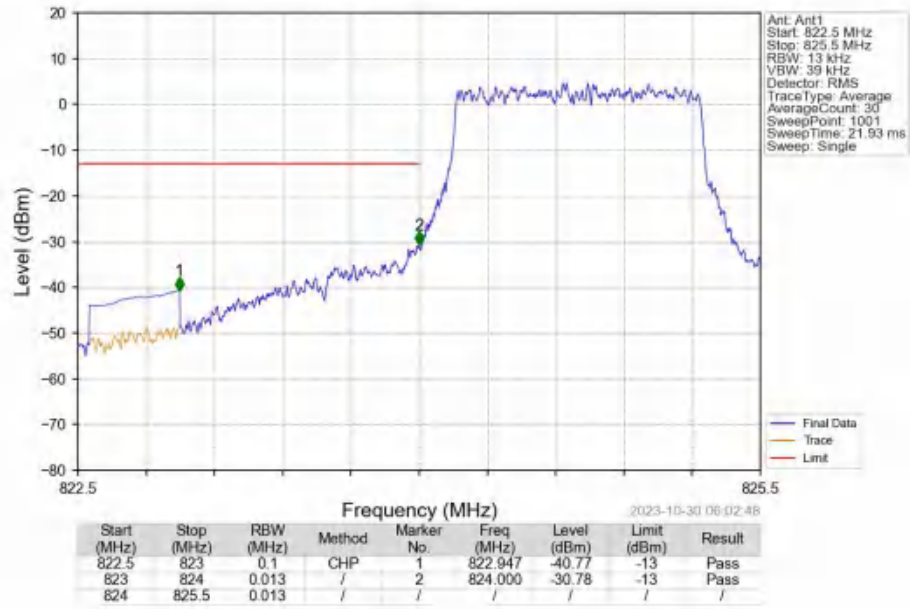
6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

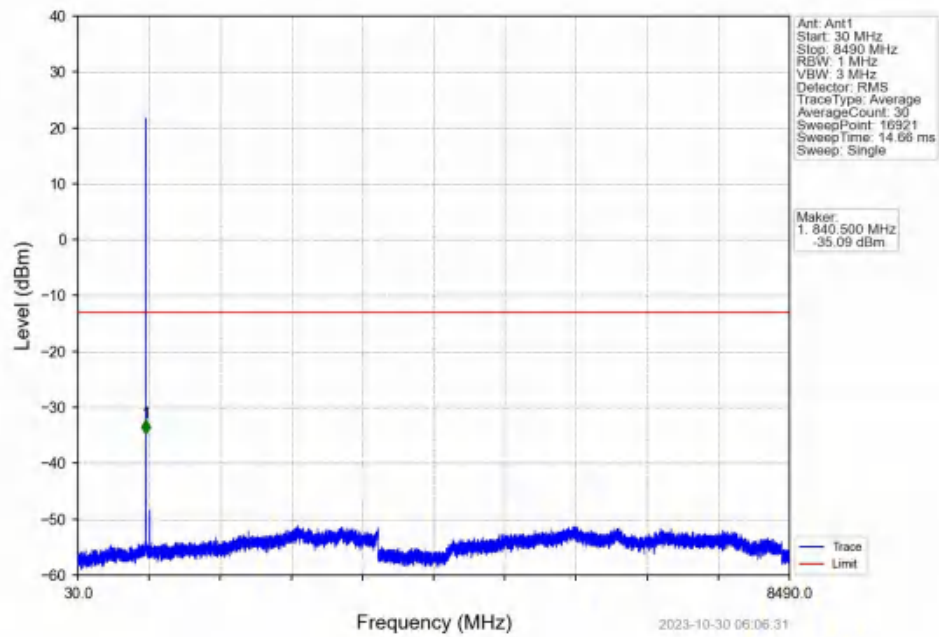
6.1.2 Test Graph



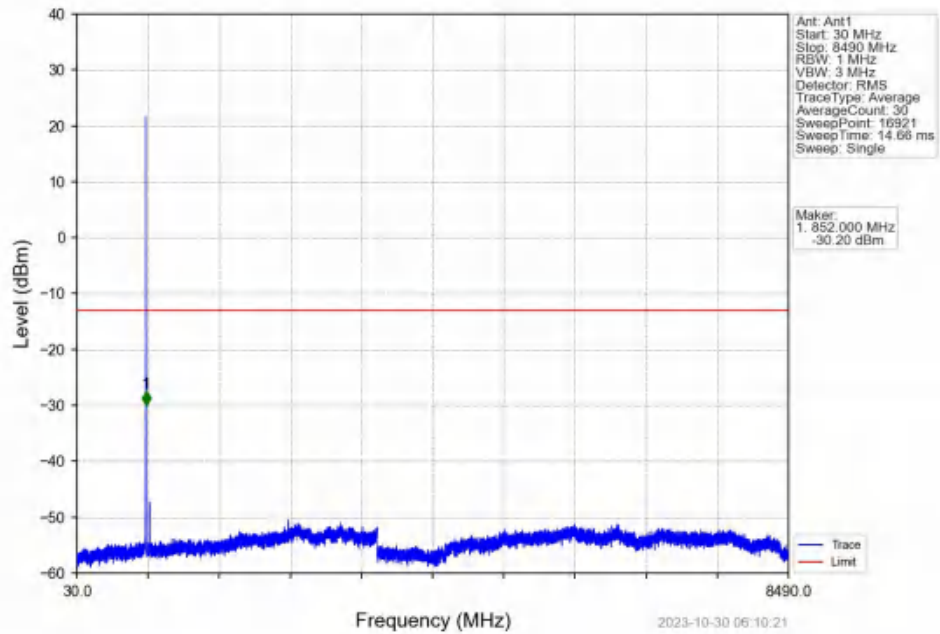
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



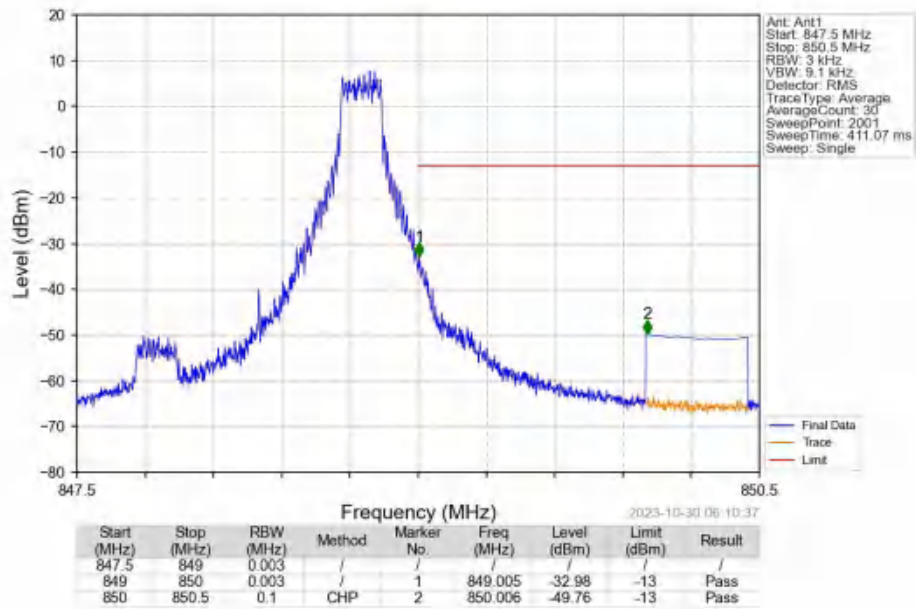
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTN



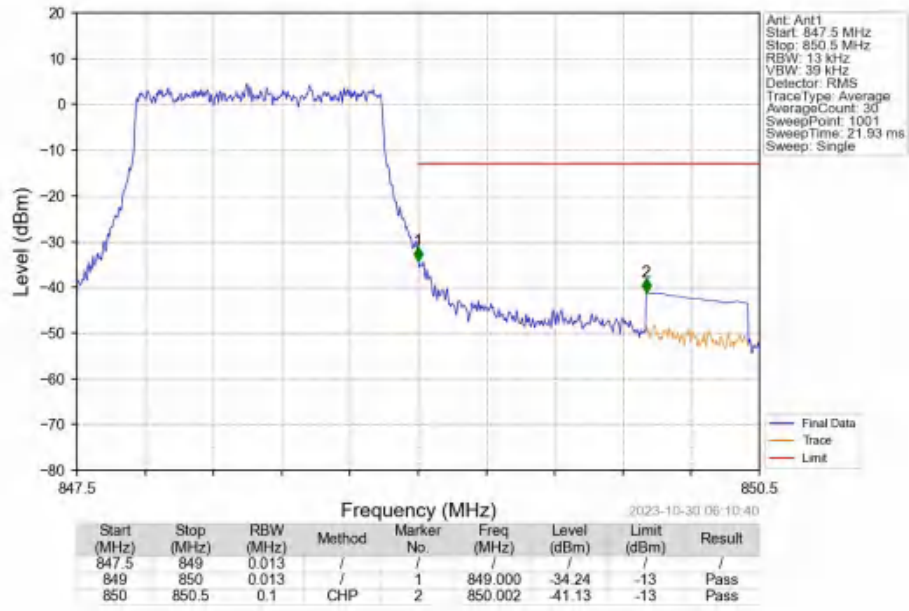
Band5 1.4MHz QPSK HCH 848.3MHz RB_1_0 NTN



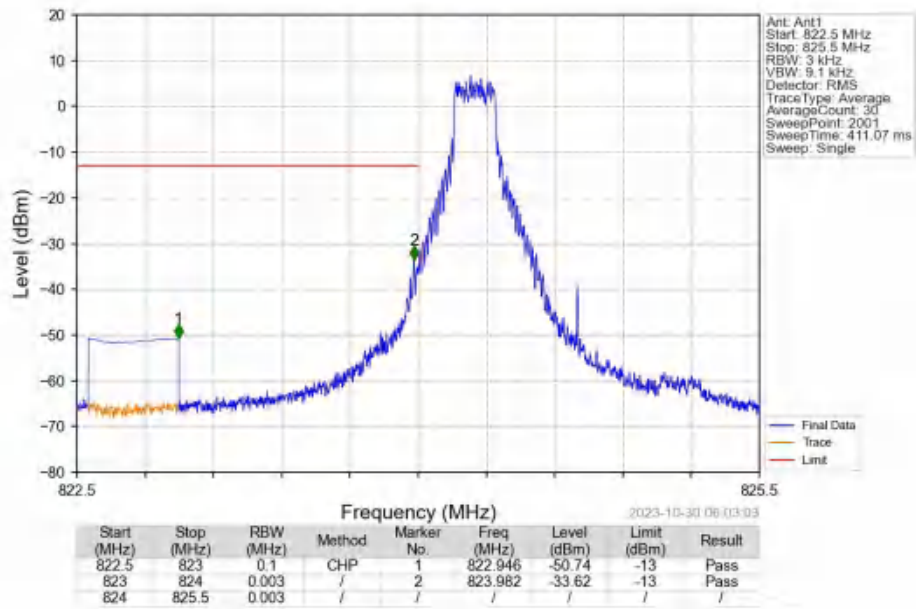
Band5 1.4MHz QPSK HCH 848.3MHz RB_1_5 NTN



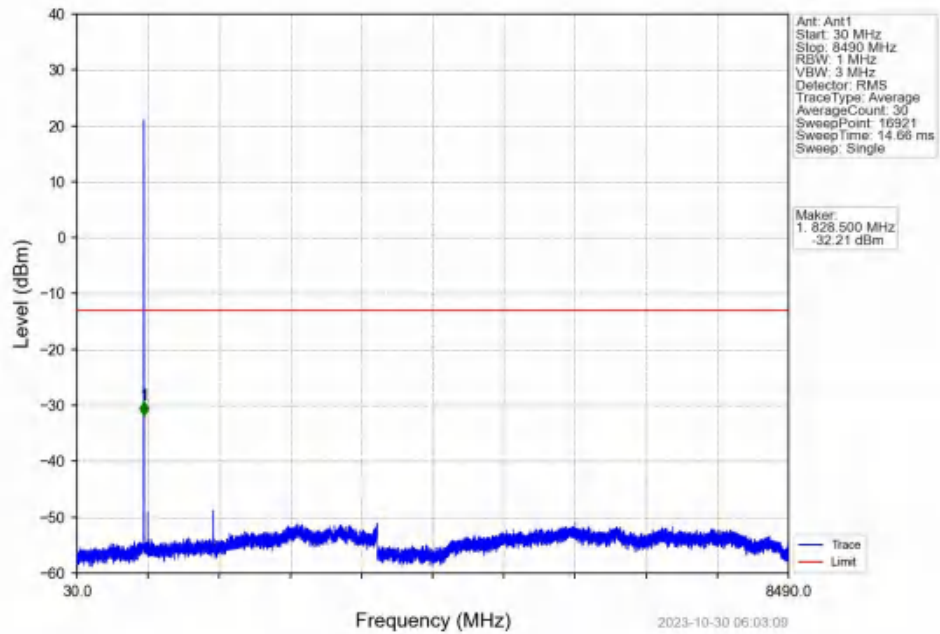
Band5 1.4MHz QPSK HCH 848.3MHz RB_6_0 NTN



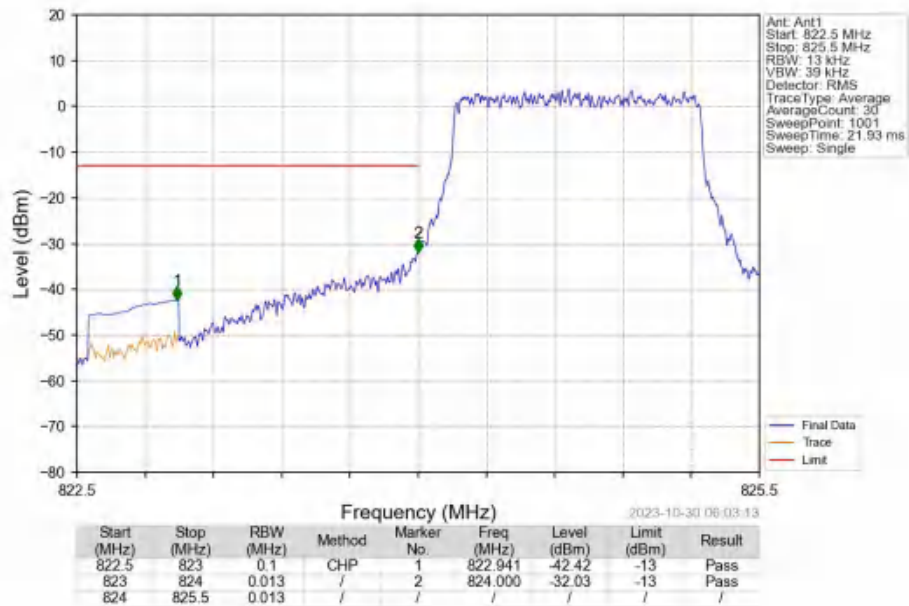
Band5 1.4MHz 16QAM LCH 824.7MHz RB_1_0 NTN



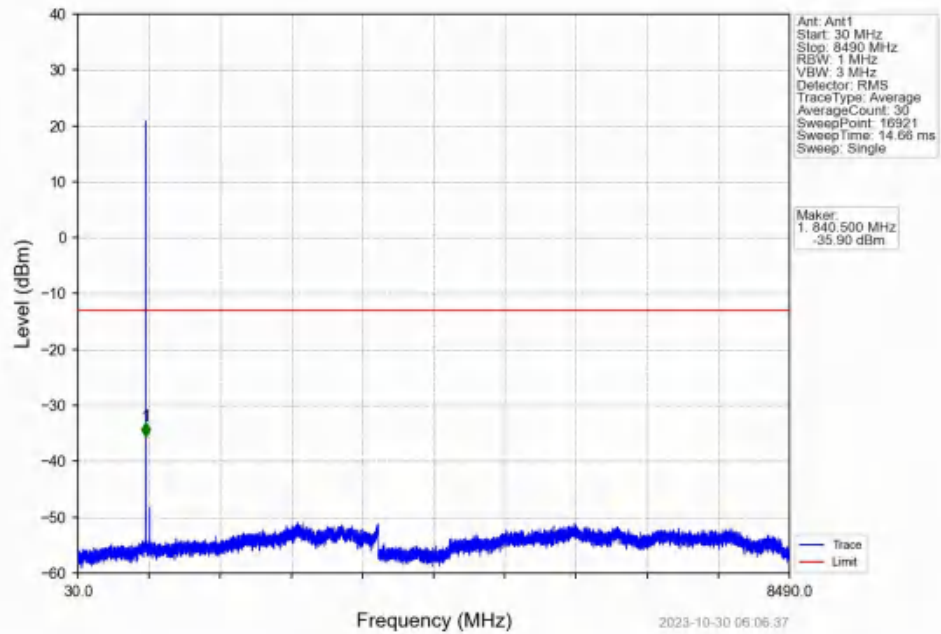
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



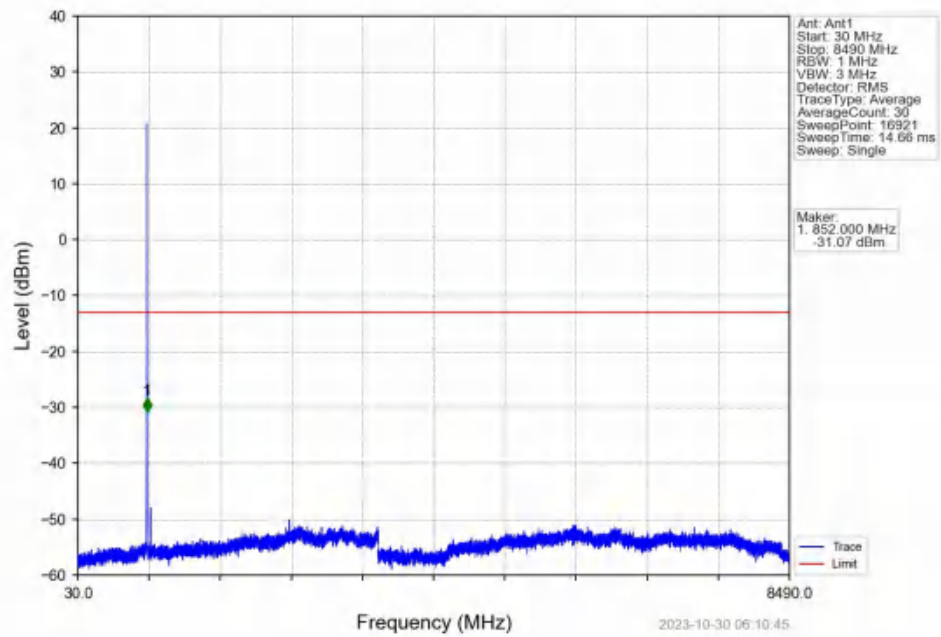
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



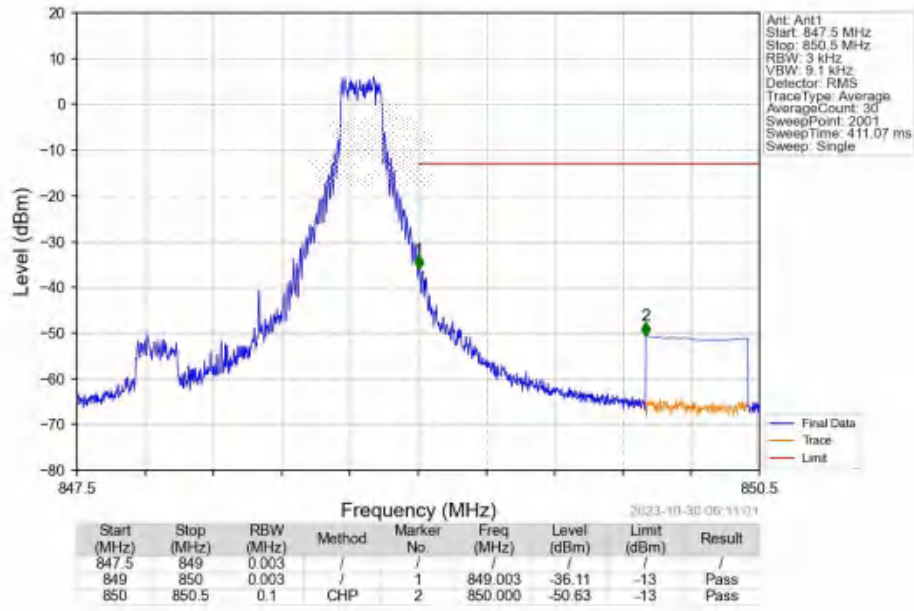
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



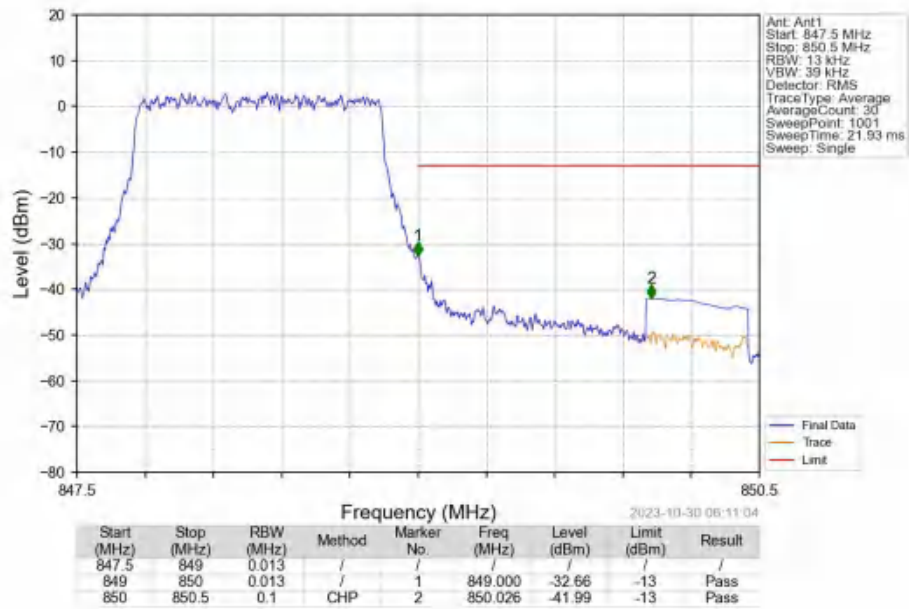
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

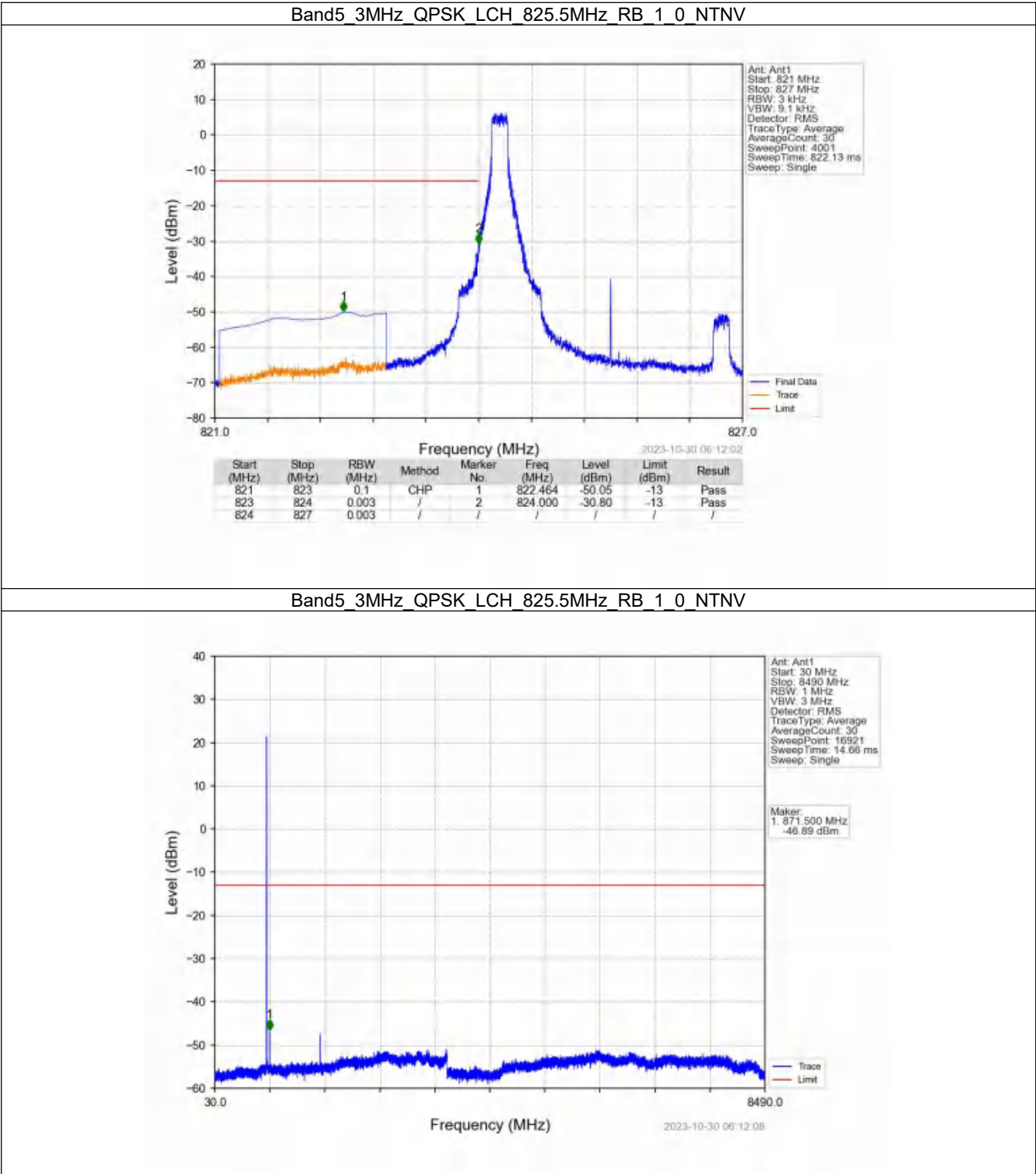


6.2 B5_3MHz

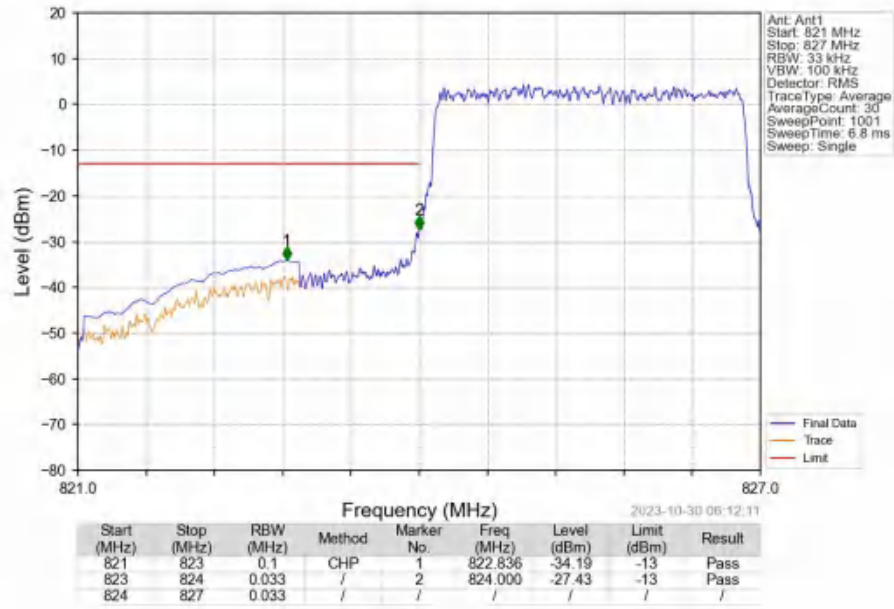
6.2.1 Test Result

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

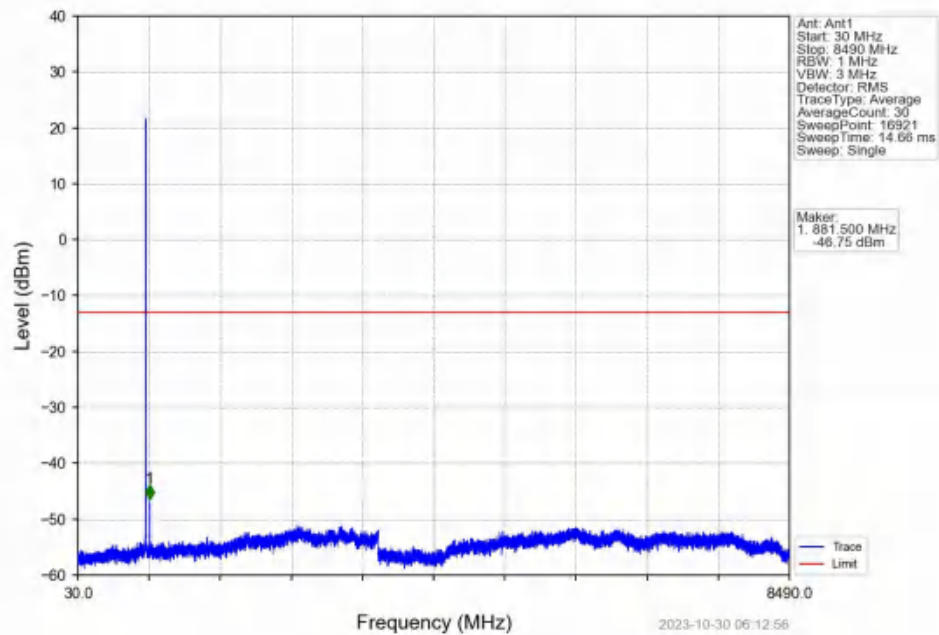
6.2.2 Test Graph



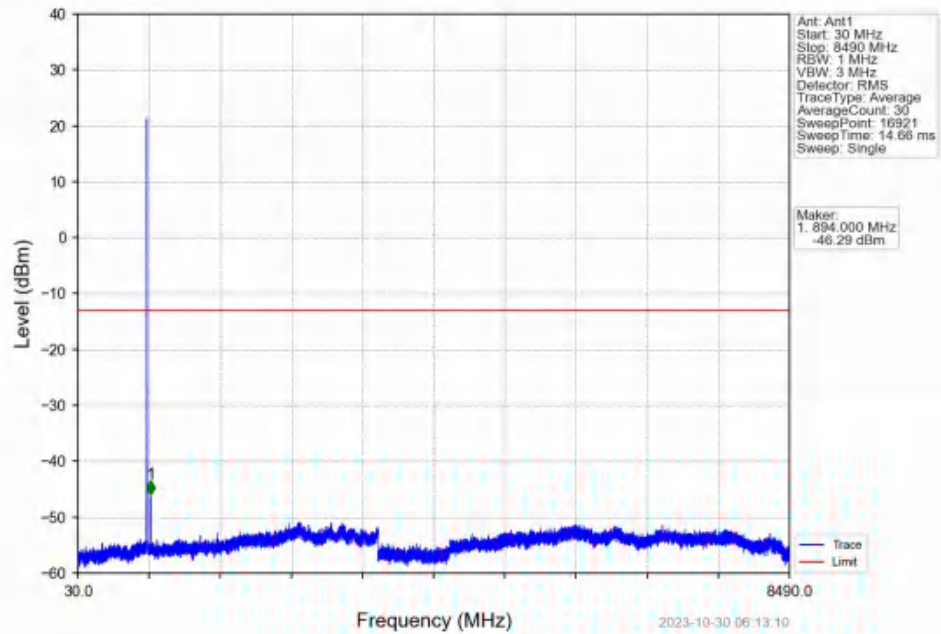
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



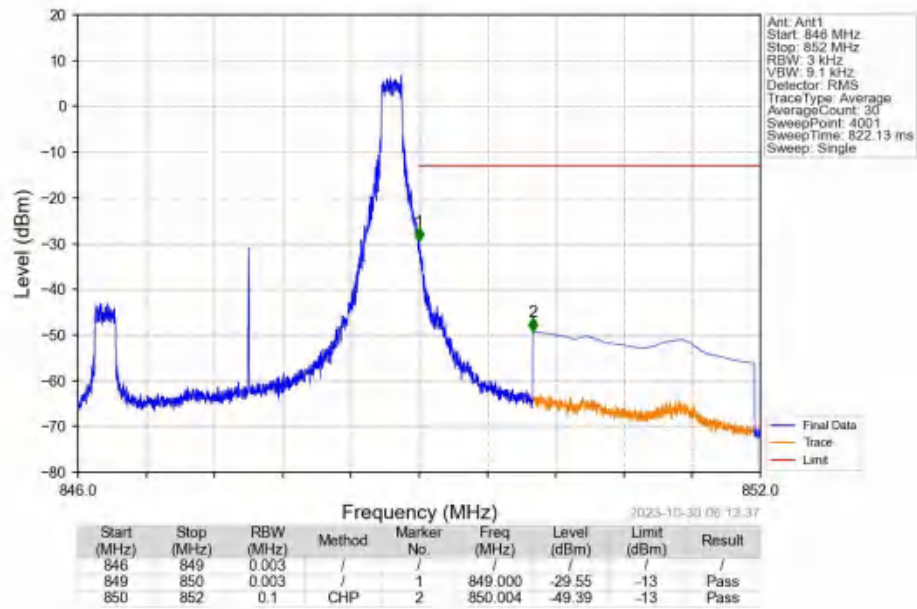
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



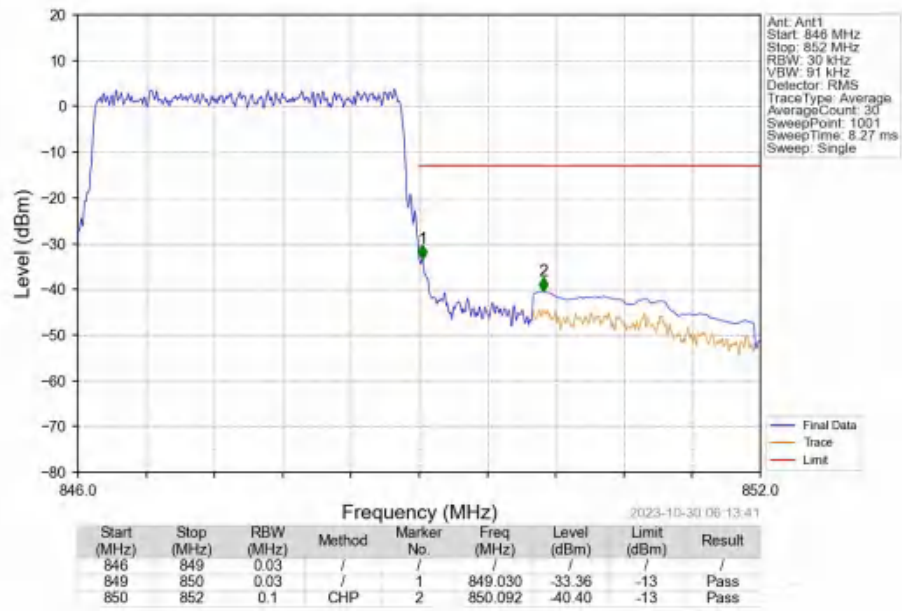
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



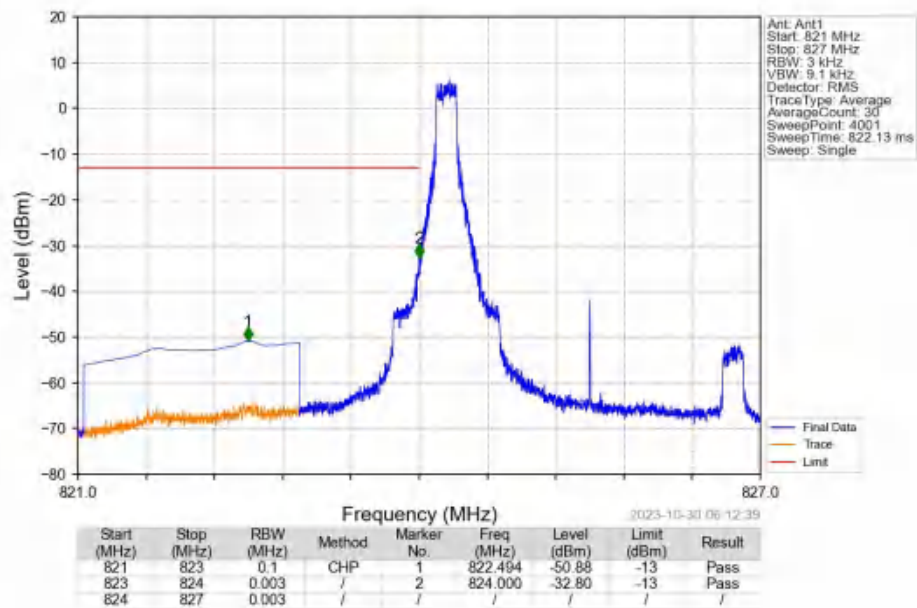
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



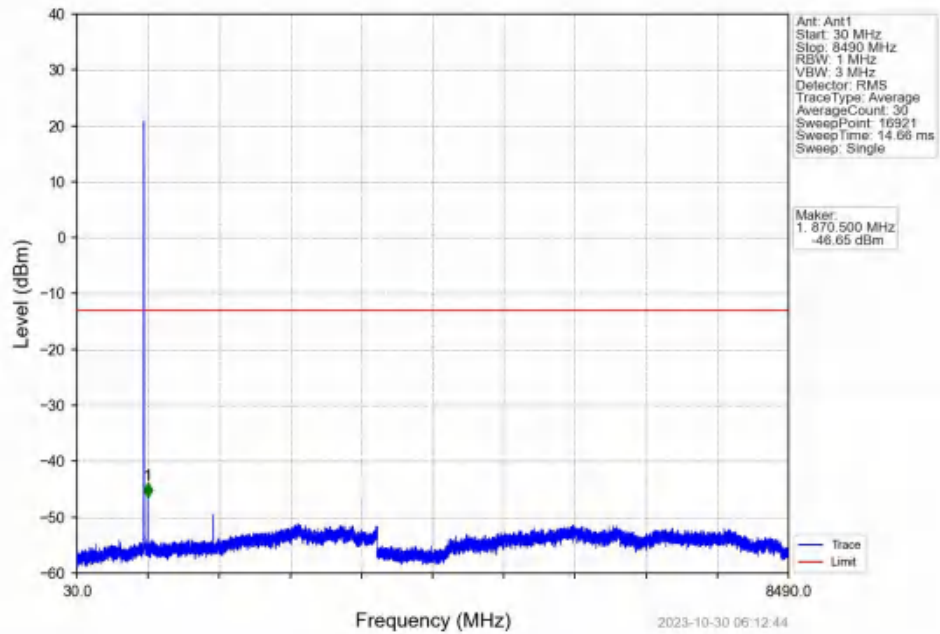
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



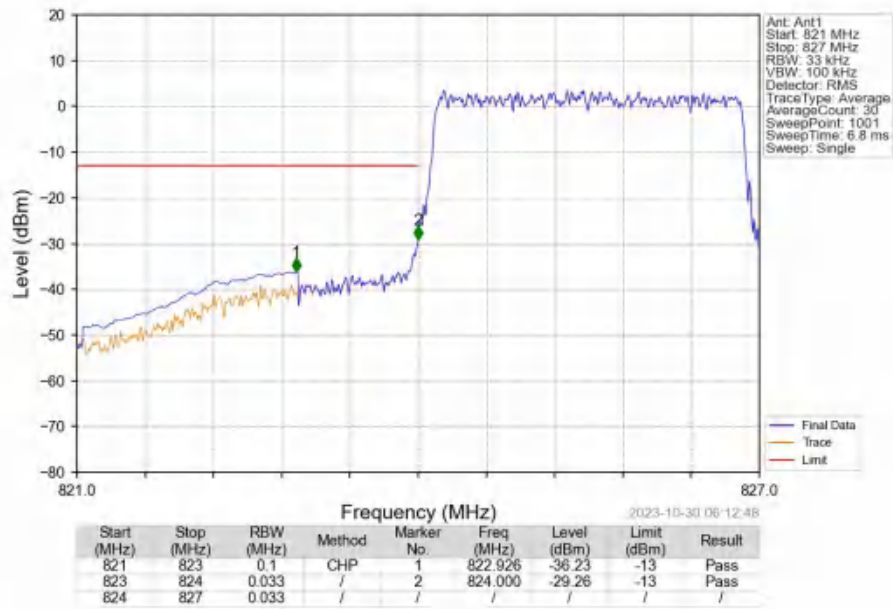
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTN



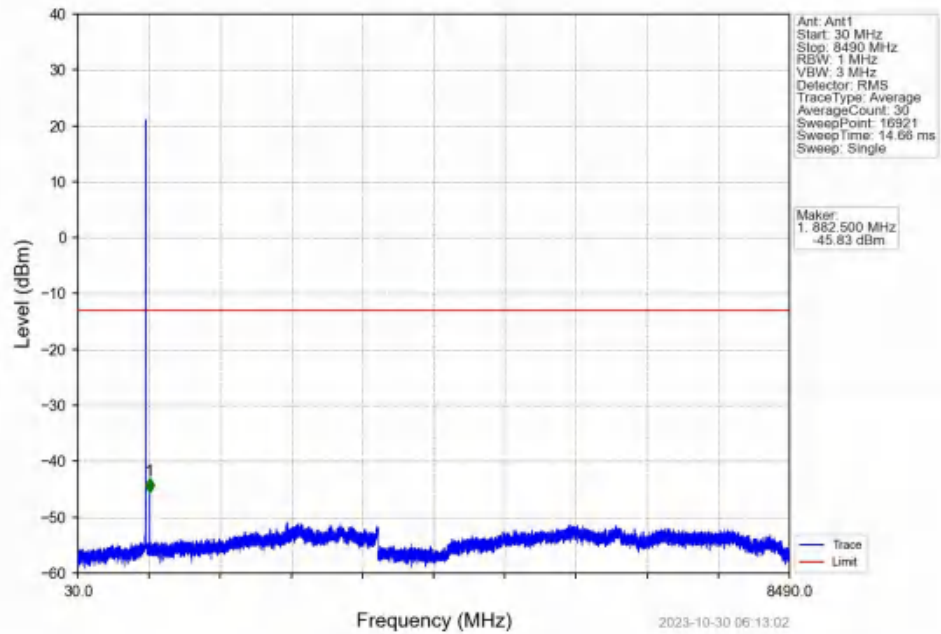
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



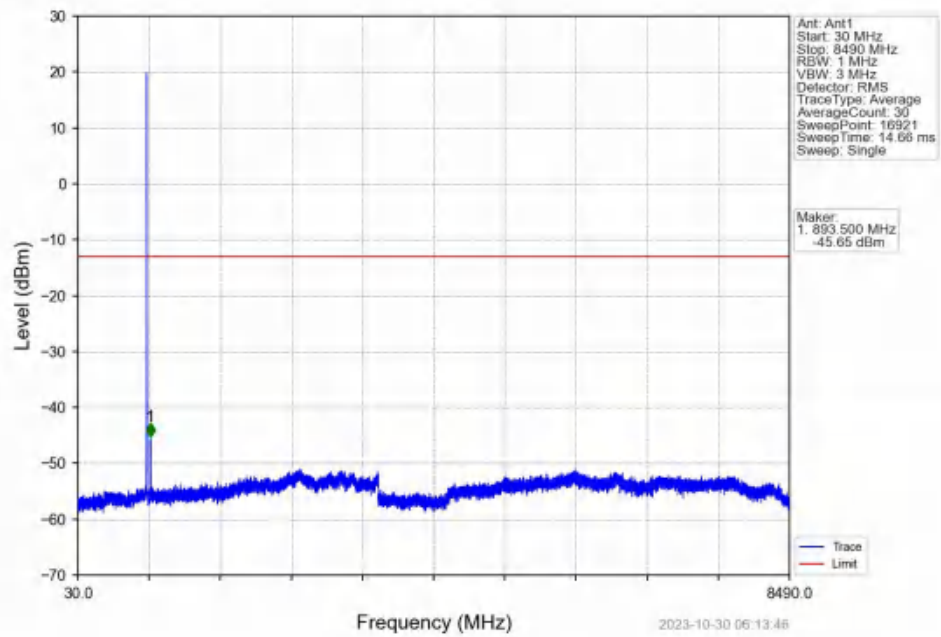
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



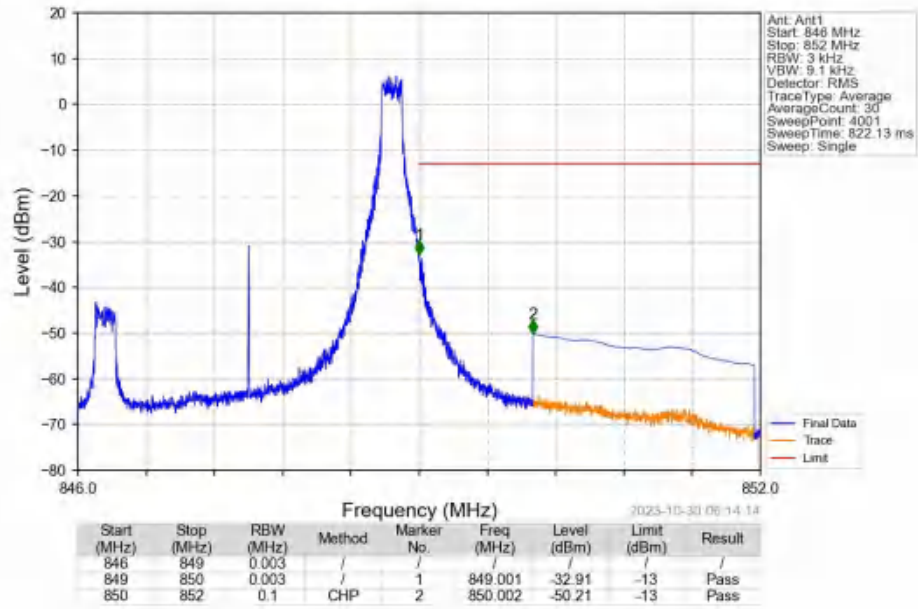
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTN



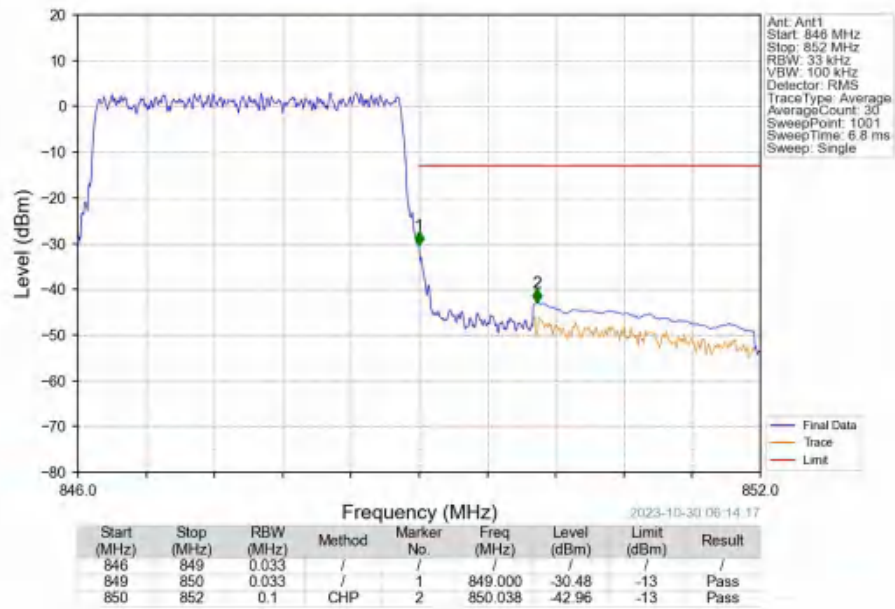
Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTN



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

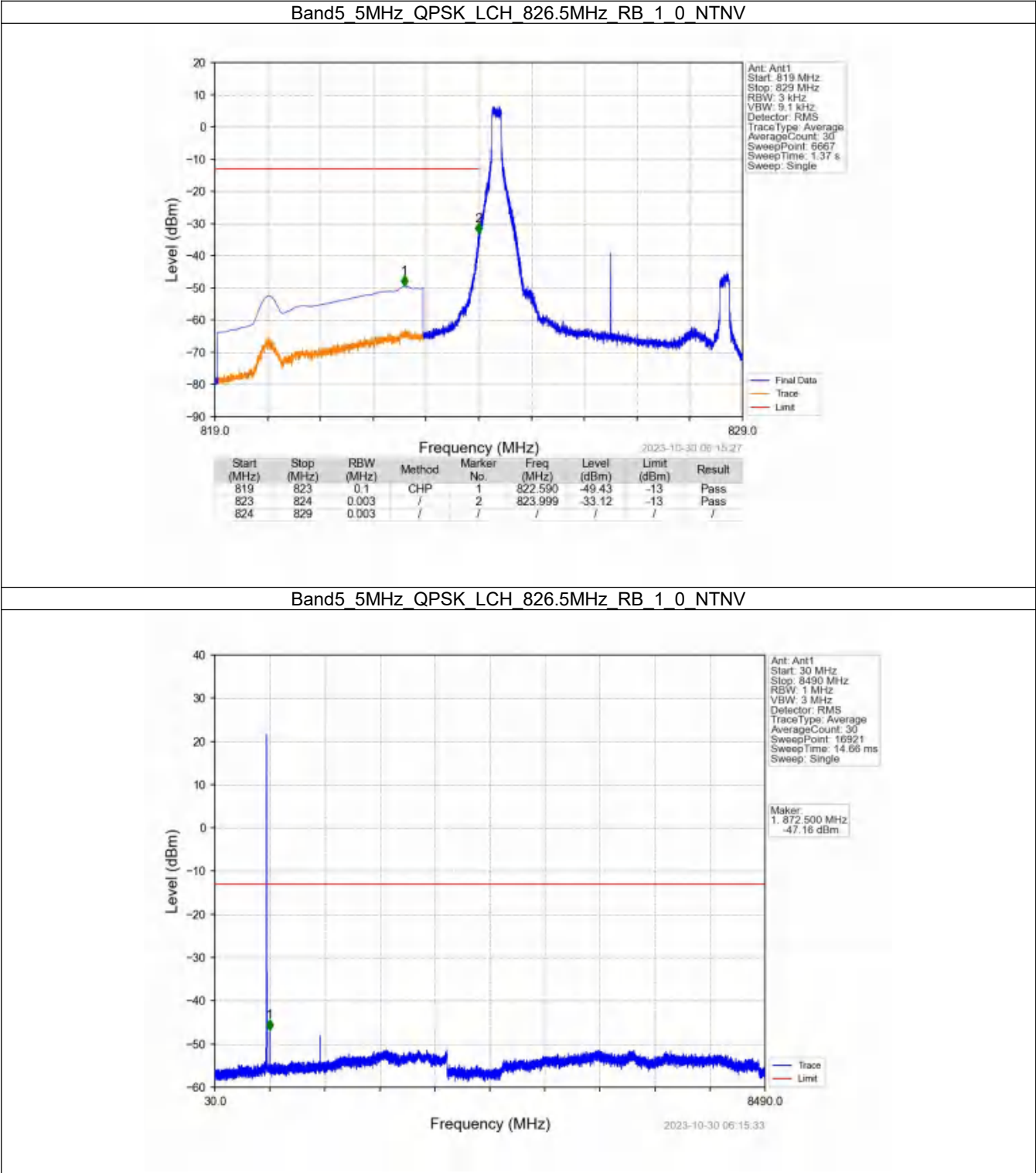


6.3 B5_5MHz

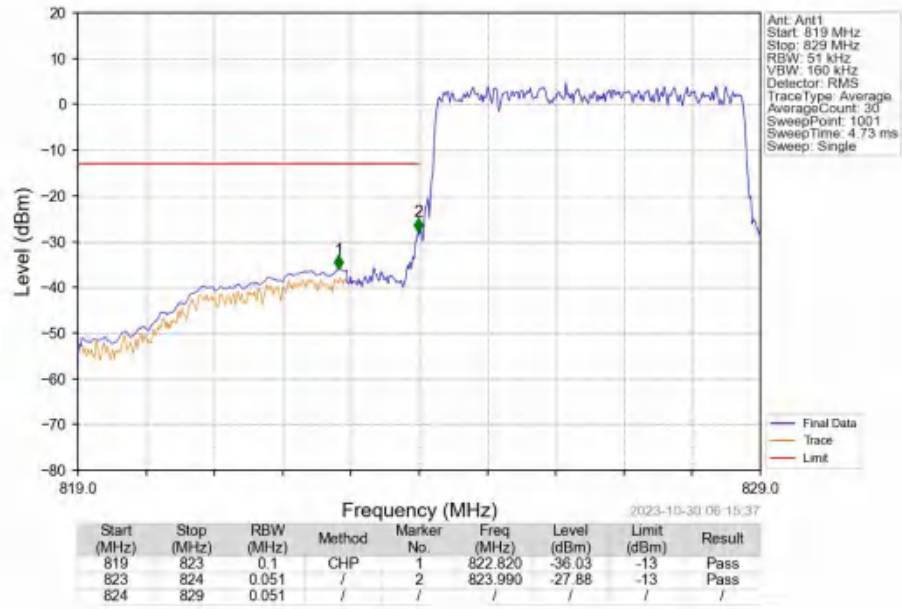
6.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

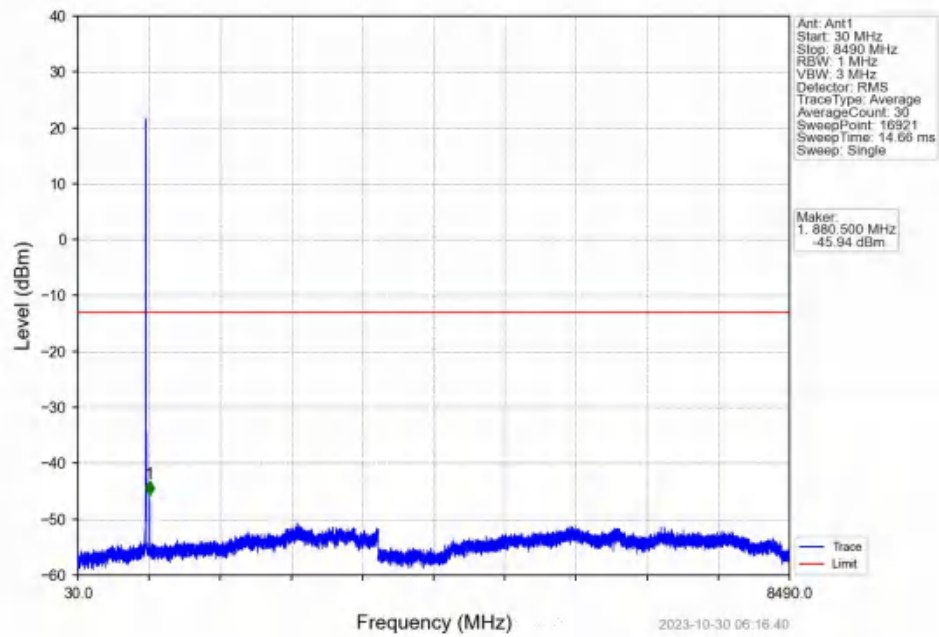
6.3.2 Test Graph



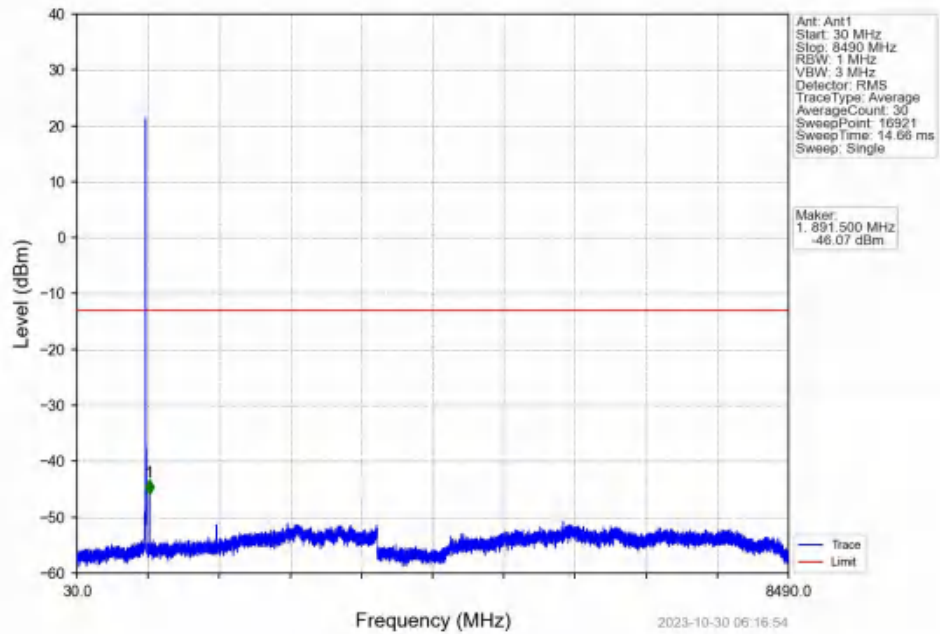
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



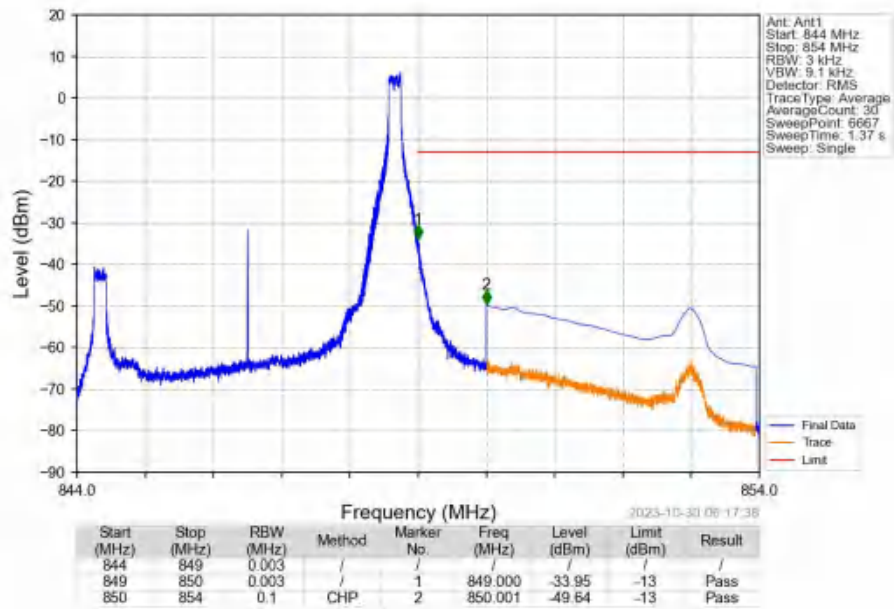
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



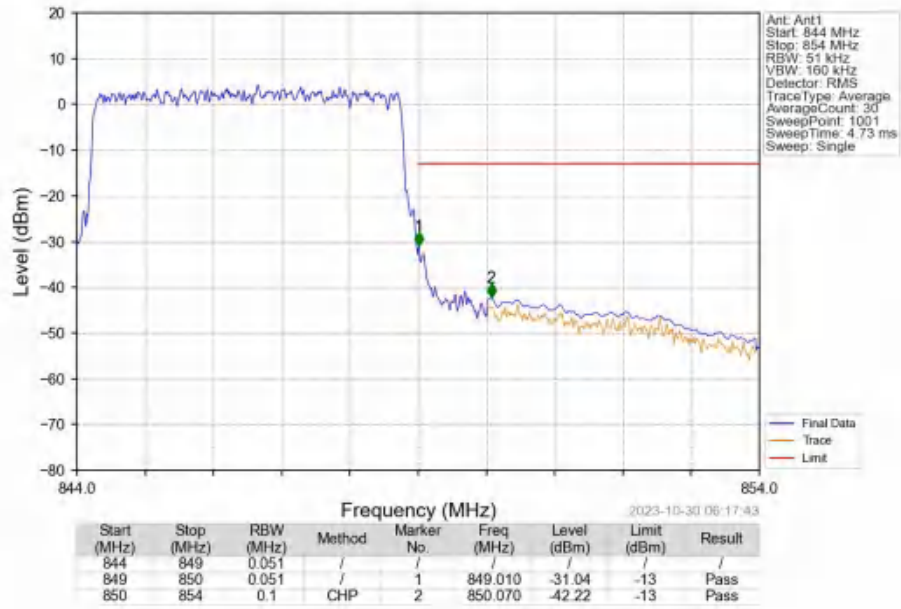
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



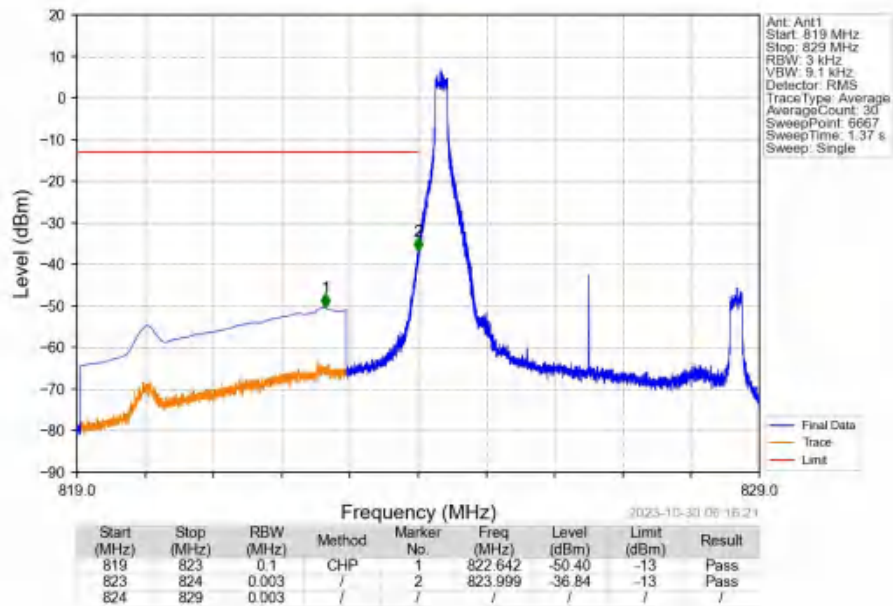
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



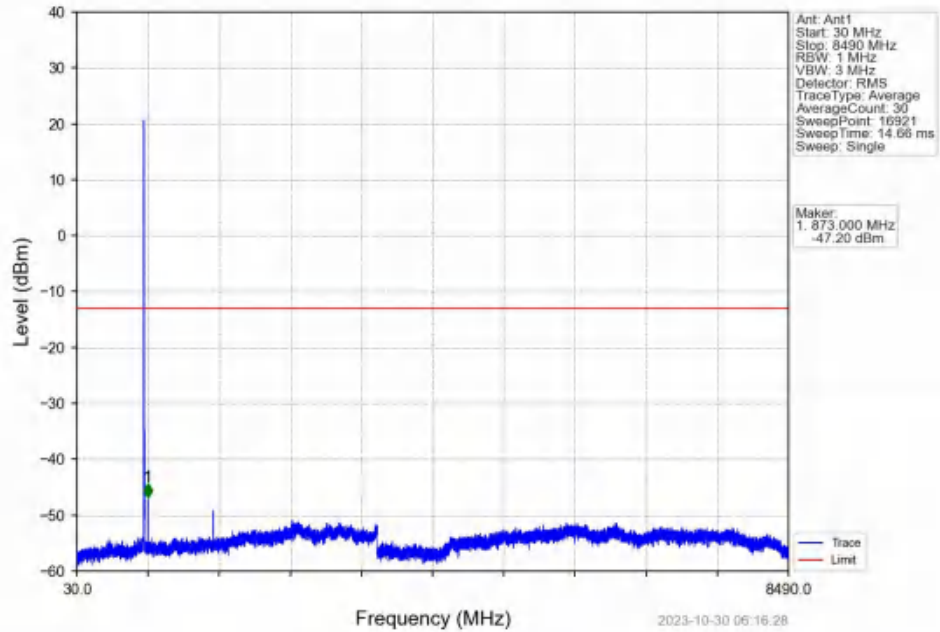
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



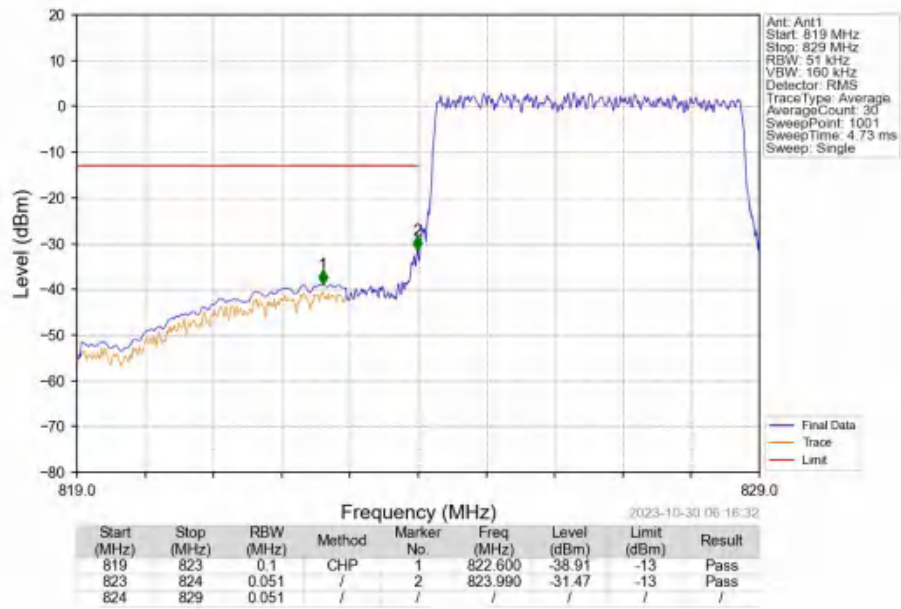
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN



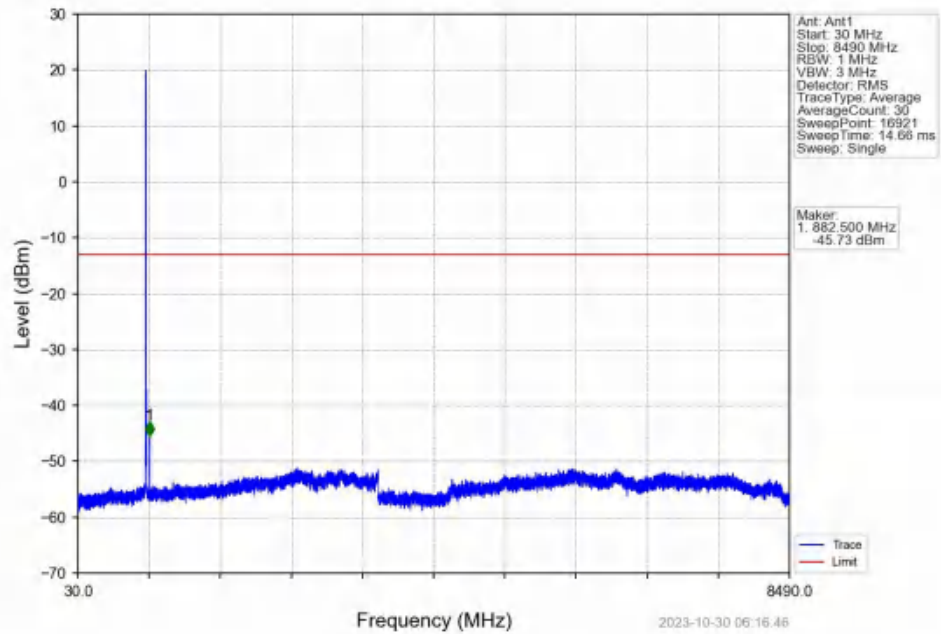
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



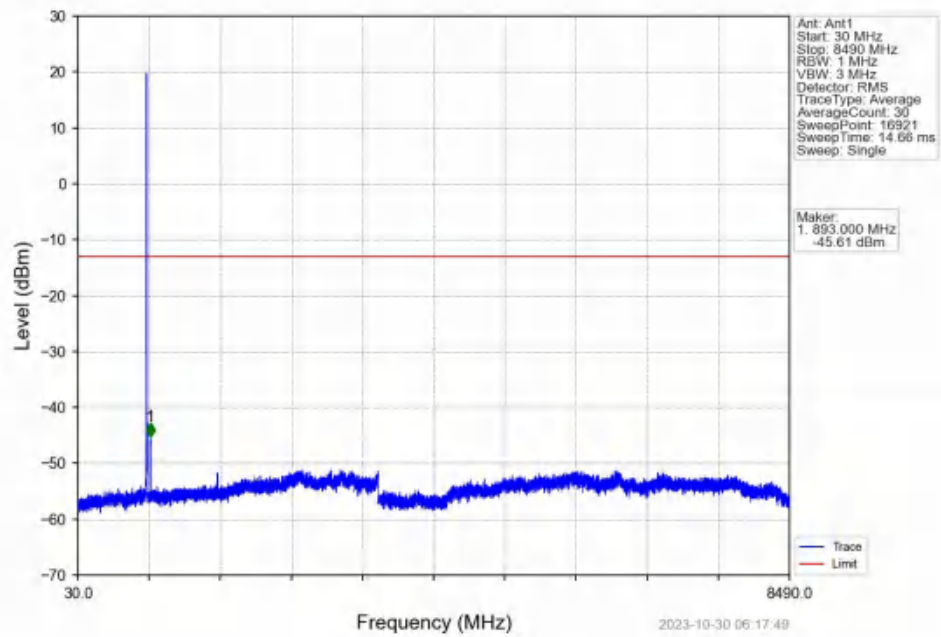
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



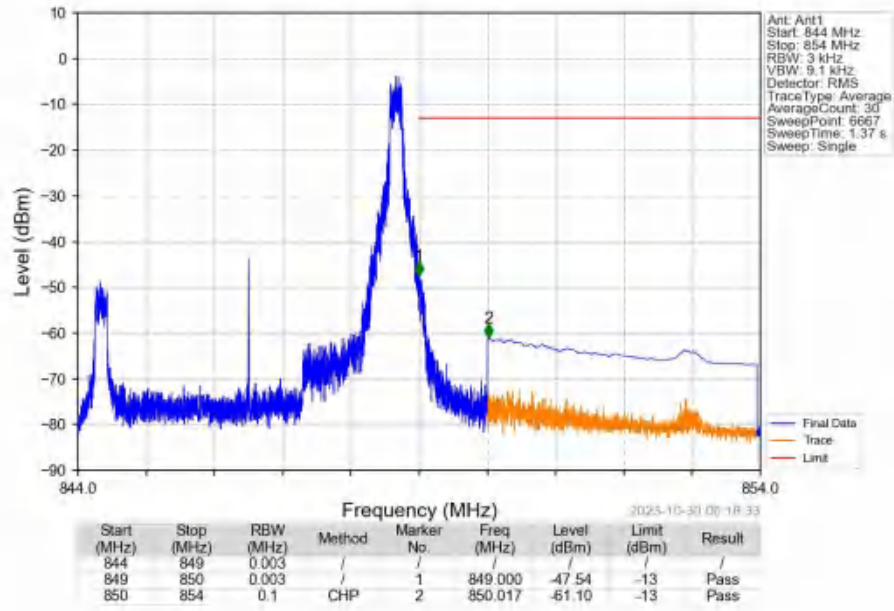
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



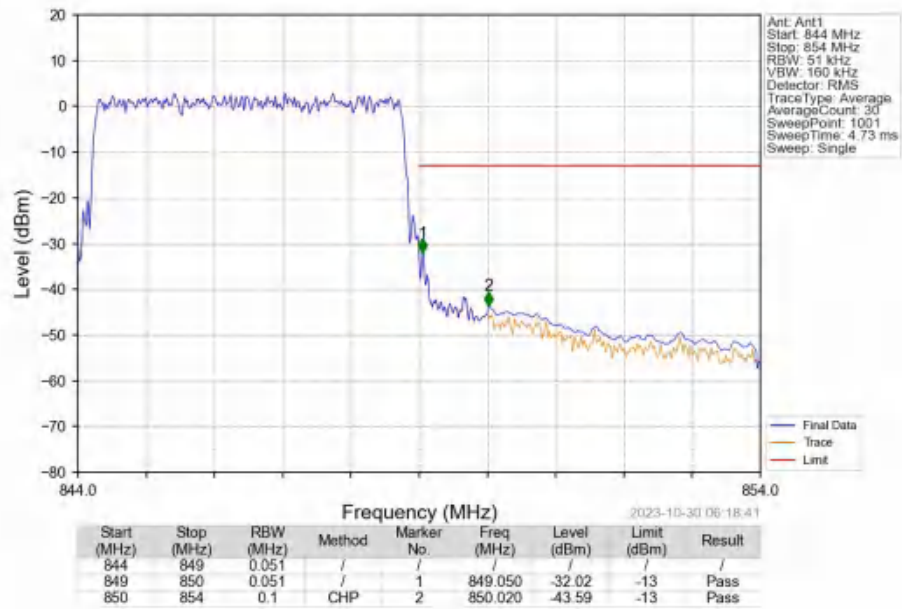
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

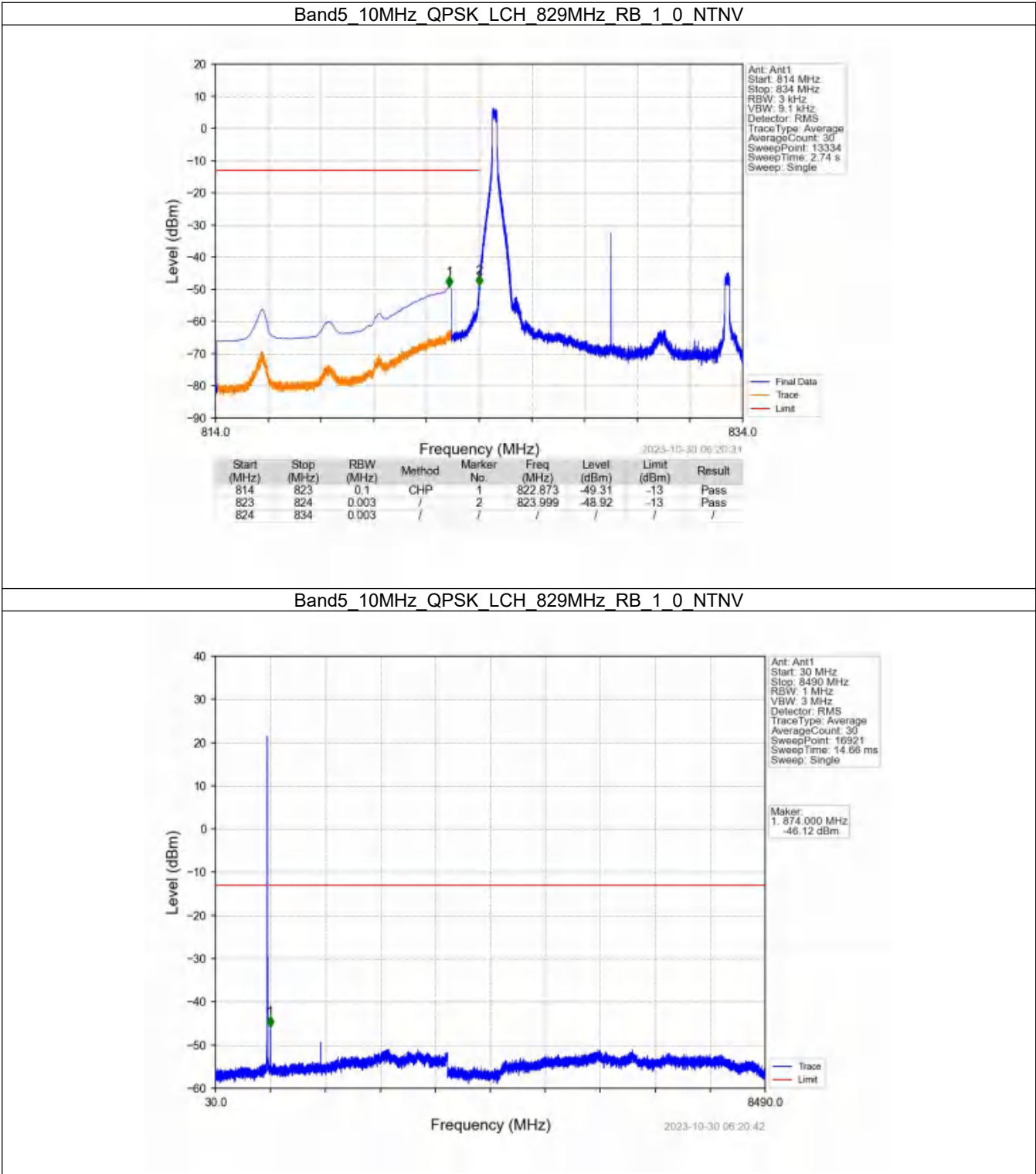


6.4 B5_10MHz

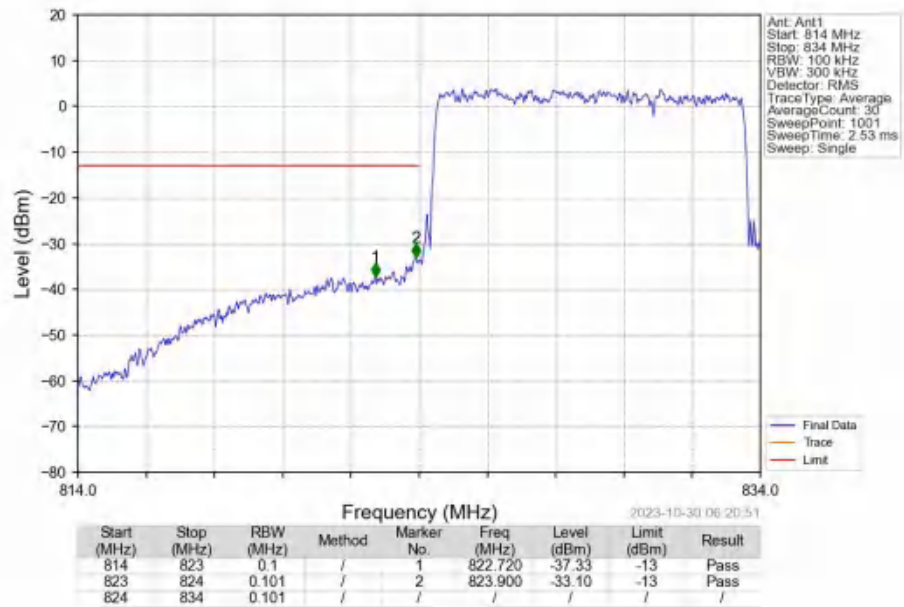
6.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
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

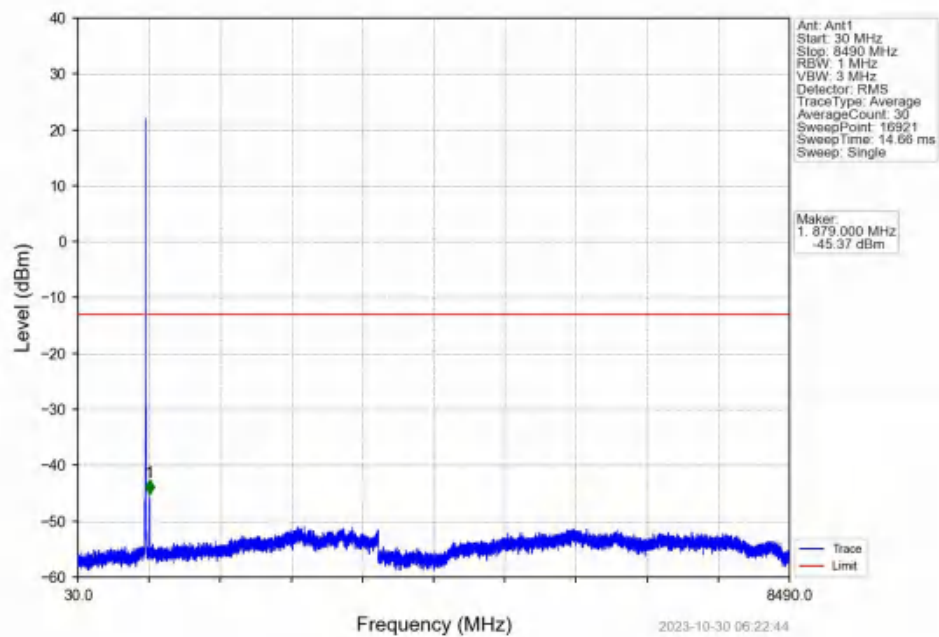
6.4.2 Test Graph



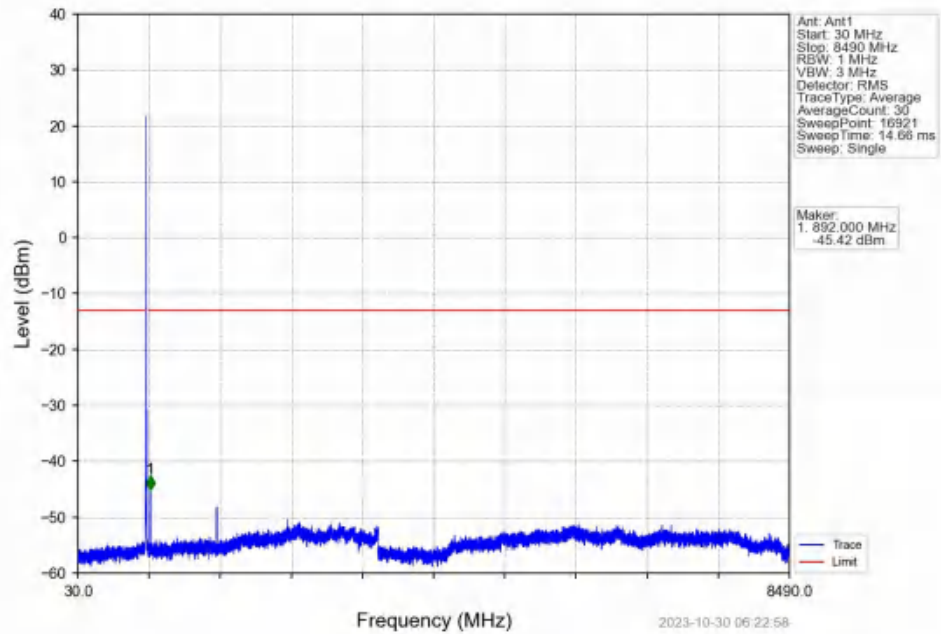
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



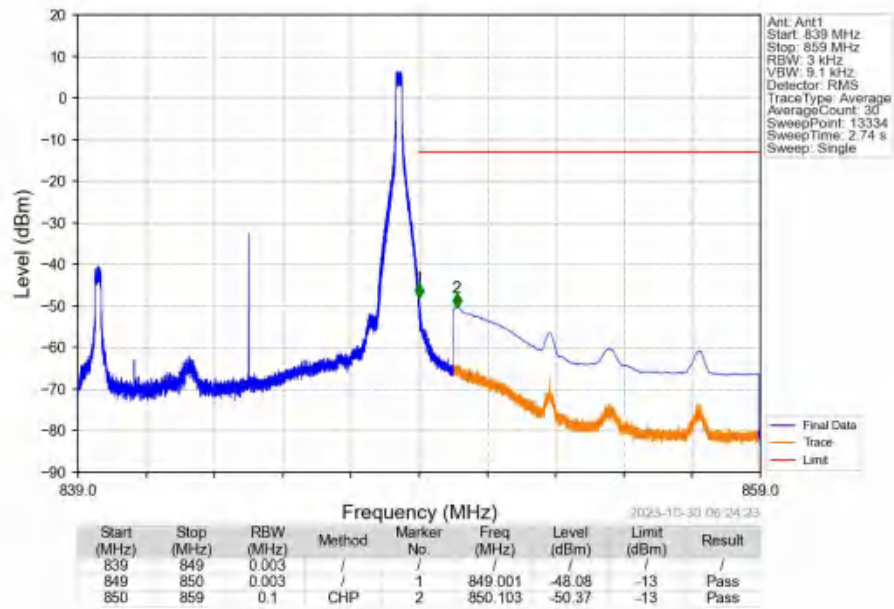
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



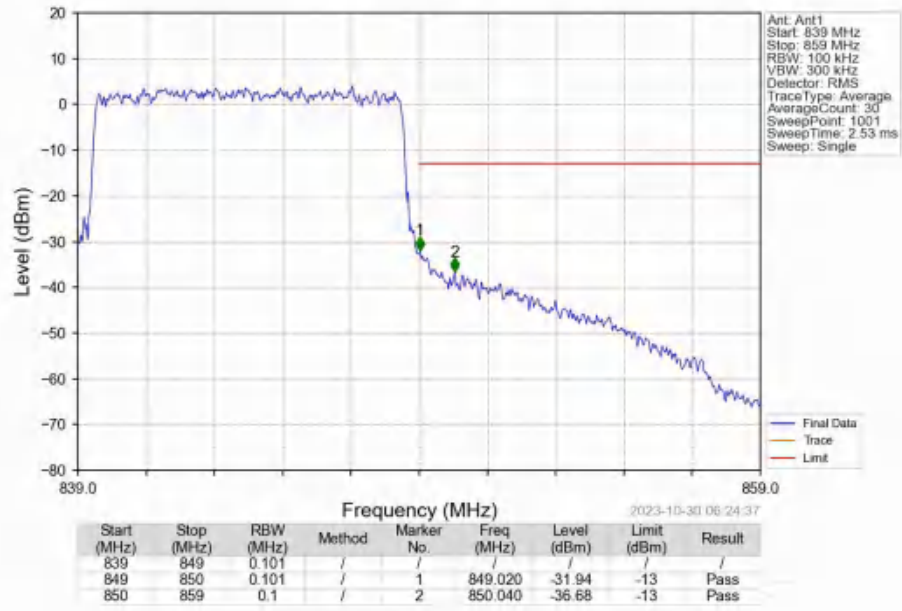
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



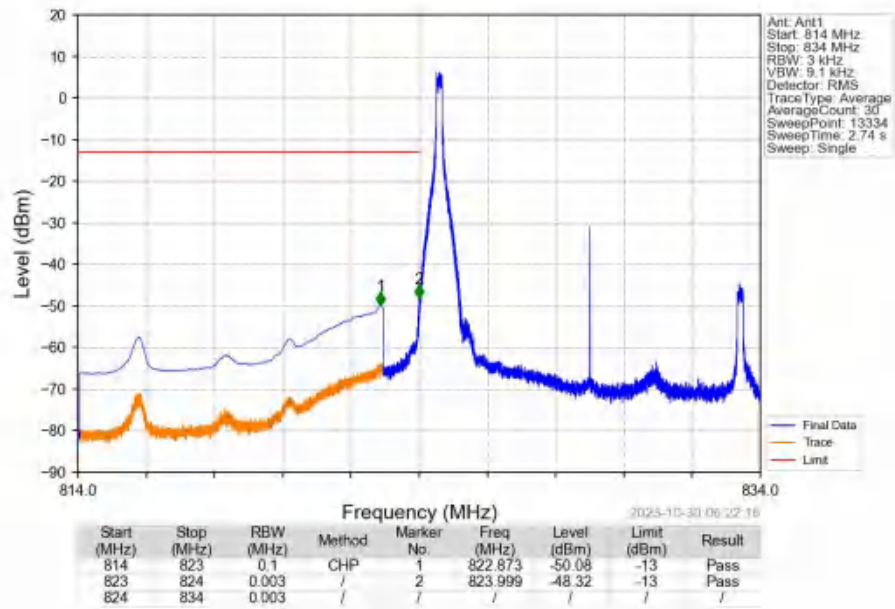
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV

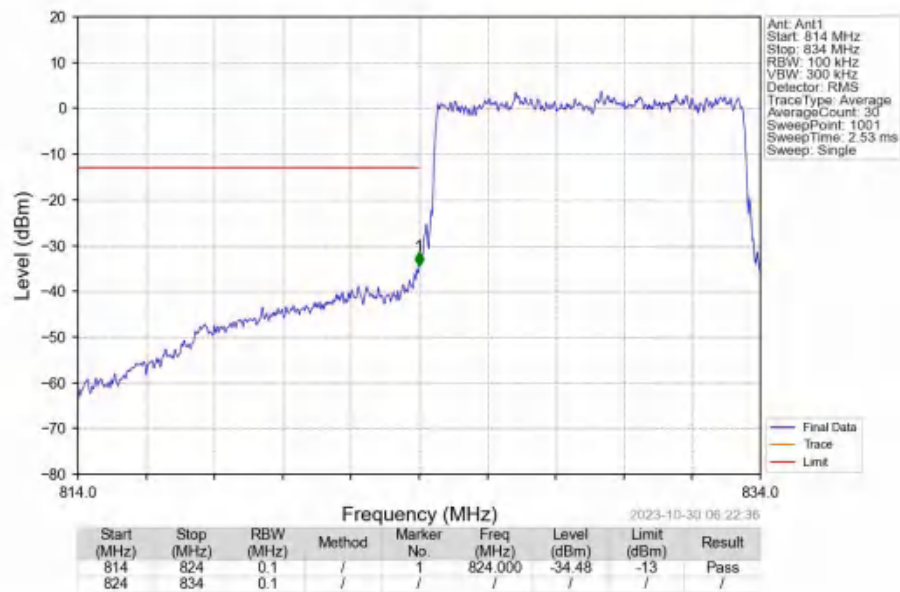
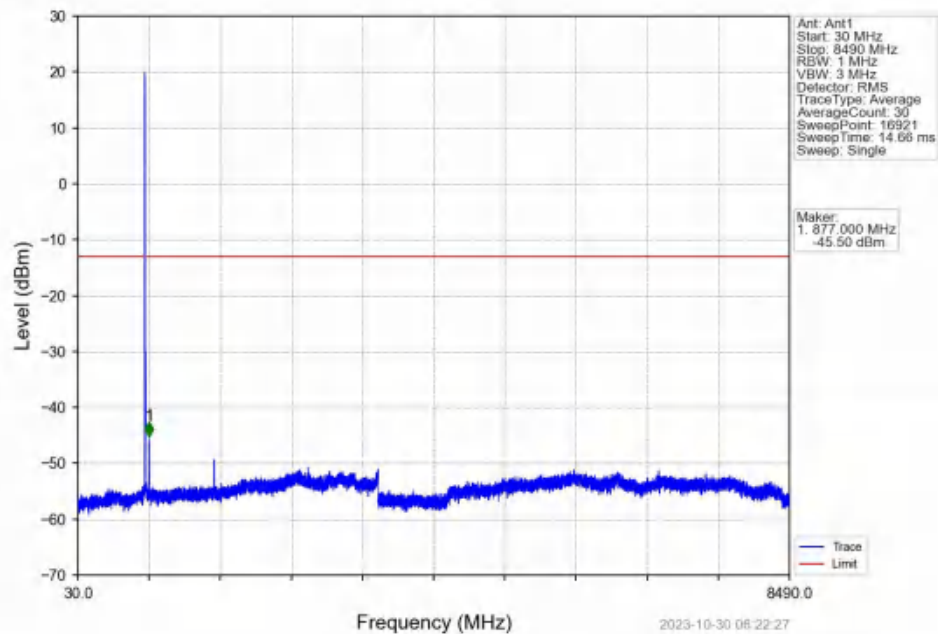


Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

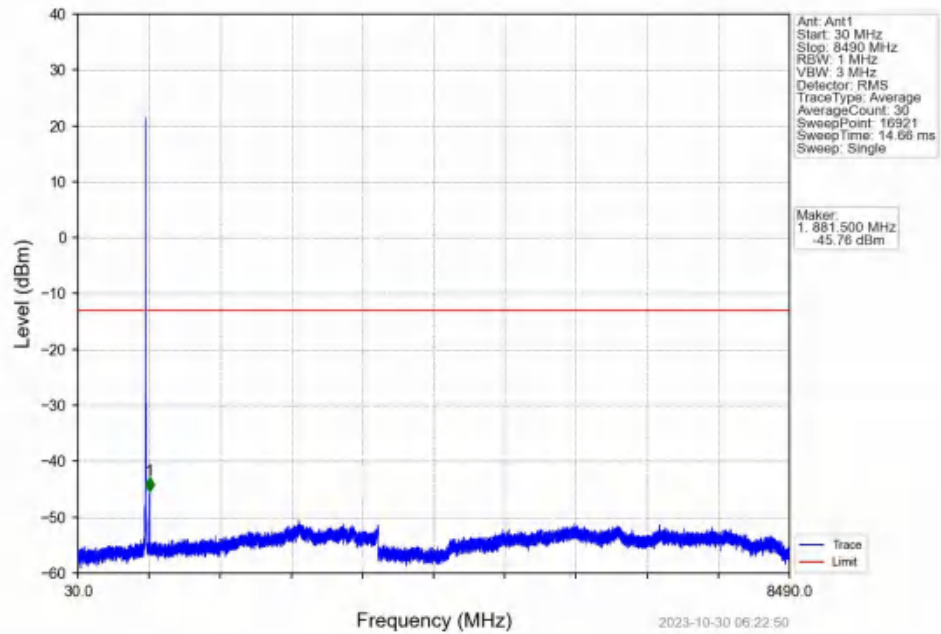


Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

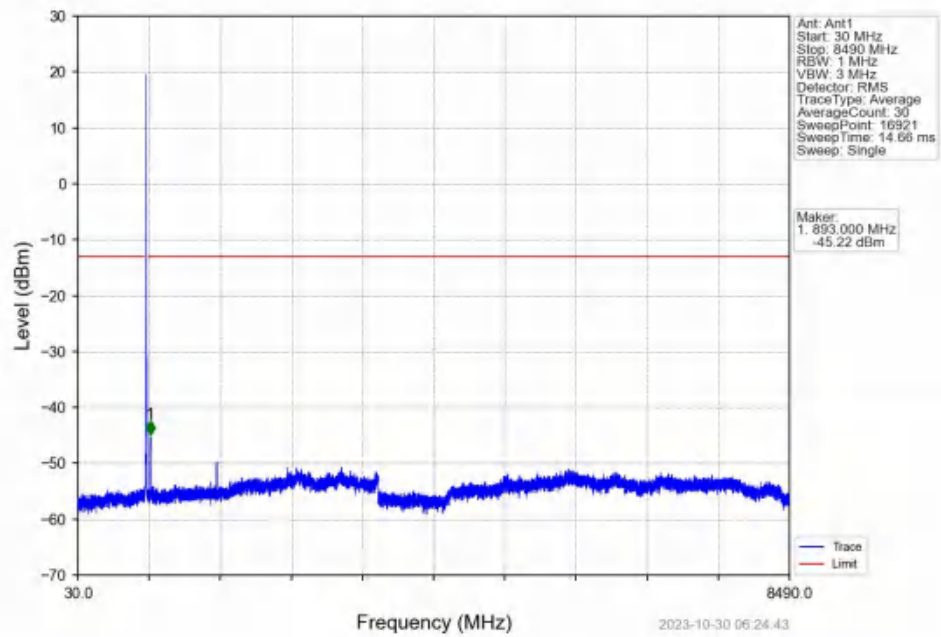




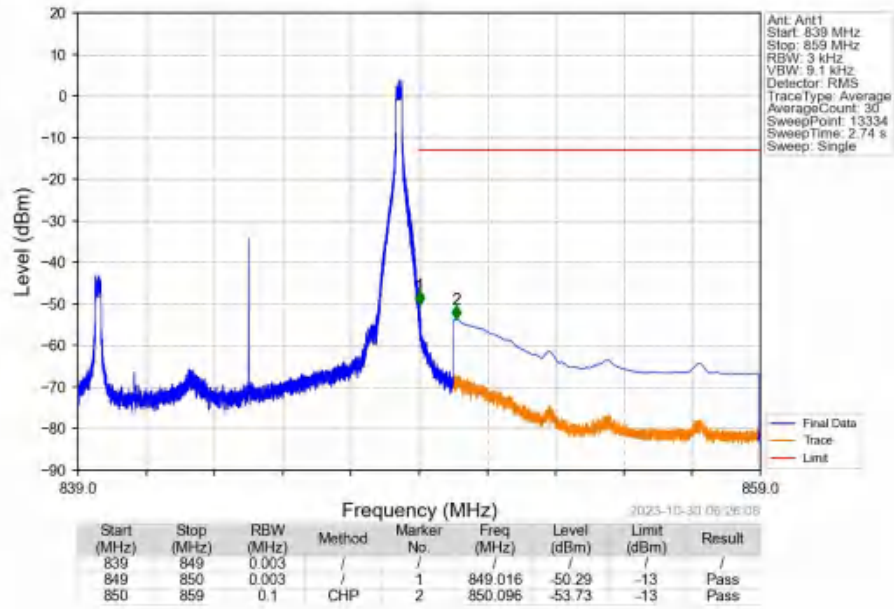
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



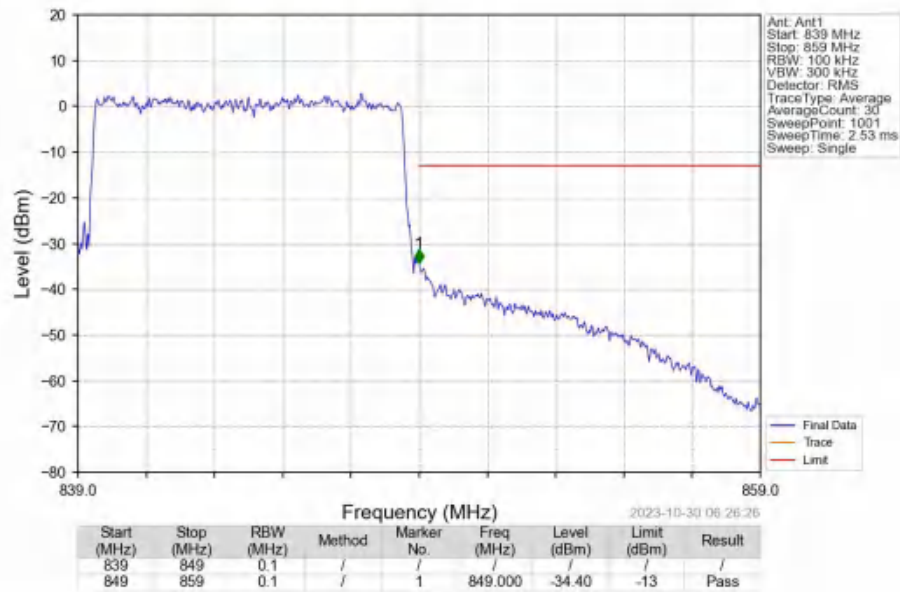
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.1854	0.0031	ppm	1M12G7D	22H	22.68
5	1.4	824.7	848.3	0.1483	0.0033	ppm	1M12W7D	22H	21.71
5	3	825.5	847.5	0.1950	0.0034	ppm	2M75G7D	22H	22.90
5	3	825.5	847.5	0.1607	0.0020	ppm	2M77W7D	22H	22.06
5	5	826.5	846.5	0.1862	0.0029	ppm	4M58G7D	22H	22.70
5	5	826.5	846.5	0.1358	0.0033	ppm	4M58W7D	22H	21.33
5	10	829	844	0.1923	0.0013	ppm	9M07G7D	22H	22.84
5	10	829	844	0.1656	0.0014	ppm	9M06W7D	22H	22.19

7.2 Form731_ERP

7.2.1 Test Result

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	0.1517	0.0031	ppm	1M12G7D	22H	21.81
5	1.4	824.7	848.3	0.1213	0.0033	ppm	1M12W7D	22H	20.84
5	3	825.5	847.5	0.1596	0.0034	ppm	2M75G7D	22H	22.03
5	3	825.5	847.5	0.1315	0.0020	ppm	2M77W7D	22H	21.19
5	5	826.5	846.5	0.1524	0.0029	ppm	4M58G7D	22H	21.83
5	5	826.5	846.5	0.1112	0.0033	ppm	4M58W7D	22H	20.46
5	10	829	844	0.1574	0.0013	ppm	9M07G7D	22H	21.97
5	10	829	844	0.1355	0.0014	ppm	9M06W7D	22H	21.32