

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	21.65	1.28	20.78	<=38.45	Pass
			2	21.66	1.28	20.79	<=38.45	Pass
			5	21.67	1.28	20.80	<=38.45	Pass
		3	0	21.77	1.28	20.90	<=38.45	Pass
			2	21.78	1.28	20.91	<=38.45	Pass
			3	21.70	1.28	20.83	<=38.45	Pass
		6	0	20.84	1.28	19.97	<=38.45	Pass
	836.5	1	0	21.53	1.28	20.66	<=38.45	Pass
			2	21.63	1.28	20.76	<=38.45	Pass
			5	21.41	1.28	20.54	<=38.45	Pass
		3	0	21.50	1.28	20.63	<=38.45	Pass
			2	21.44	1.28	20.57	<=38.45	Pass
			3	21.39	1.28	20.52	<=38.45	Pass
		6	0	20.51	1.28	19.64	<=38.45	Pass
	848.3	1	0	21.97	1.28	21.10	<=38.45	Pass
			2	21.94	1.28	21.07	<=38.45	Pass
			5	21.90	1.28	21.03	<=38.45	Pass
		3	0	21.92	1.28	21.05	<=38.45	Pass
			2	21.94	1.28	21.07	<=38.45	Pass
			3	21.92	1.28	21.05	<=38.45	Pass
		6	0	20.93	1.28	20.06	<=38.45	Pass
16QAM	824.7	1	0	20.98	1.28	20.11	<=38.45	Pass
			2	21.07	1.28	20.20	<=38.45	Pass
			5	20.94	1.28	20.07	<=38.45	Pass
		3	0	20.98	1.28	20.11	<=38.45	Pass
			2	20.98	1.28	20.11	<=38.45	Pass
			3	20.91	1.28	20.04	<=38.45	Pass
		6	0	19.87	1.28	19.00	<=38.45	Pass
	836.5	1	0	20.20	1.28	19.33	<=38.45	Pass
			2	20.76	1.28	19.89	<=38.45	Pass
			5	20.62	1.28	19.75	<=38.45	Pass
		3	0	20.54	1.28	19.67	<=38.45	Pass
			2	20.75	1.28	19.88	<=38.45	Pass
			3	20.69	1.28	19.82	<=38.45	Pass
		6	0	19.51	1.28	18.64	<=38.45	Pass
	848.3	1	0	21.26	1.28	20.39	<=38.45	Pass
			2	21.49	1.28	20.62	<=38.45	Pass
			5	21.61	1.28	20.74	<=38.45	Pass
		3	0	20.94	1.28	20.07	<=38.45	Pass
			2	20.94	1.28	20.07	<=38.45	Pass
			3	21.11	1.28	20.24	<=38.45	Pass
		6	0	20.12	1.28	19.25	<=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	21.76	1.28	20.89	<=38.45	Pass
			7	21.79	1.28	20.92	<=38.45	Pass
			14	21.59	1.28	20.72	<=38.45	Pass
		8	0	20.96	1.28	20.09	<=38.45	Pass
			4	20.85	1.28	19.98	<=38.45	Pass
			7	20.86	1.28	19.99	<=38.45	Pass
		15	0	20.89	1.28	20.02	<=38.45	Pass
	836.5	1	0	21.28	1.28	20.41	<=38.45	Pass
			7	21.68	1.28	20.81	<=38.45	Pass
			14	21.57	1.28	20.70	<=38.45	Pass
		8	0	20.54	1.28	19.67	<=38.45	Pass
			4	20.53	1.28	19.66	<=38.45	Pass
			7	20.53	1.28	19.66	<=38.45	Pass
		15	0	20.59	1.28	19.72	<=38.45	Pass
	847.5	1	0	21.87	1.28	21.00	<=38.45	Pass
			7	22.14	1.28	21.27	<=38.45	Pass
			14	22.02	1.28	21.15	<=38.45	Pass
		8	0	20.97	1.28	20.10	<=38.45	Pass
			4	21.09	1.28	20.22	<=38.45	Pass
			7	21.02	1.28	20.15	<=38.45	Pass
		15	0	20.94	1.28	20.07	<=38.45	Pass
16QAM	825.5	1	0	20.77	1.28	19.90	<=38.45	Pass
			7	20.66	1.28	19.79	<=38.45	Pass
			14	20.63	1.28	19.76	<=38.45	Pass
		8	0	20.23	1.28	19.36	<=38.45	Pass
			4	20.13	1.28	19.26	<=38.45	Pass
			7	20.04	1.28	19.17	<=38.45	Pass
		15	0	19.89	1.28	19.02	<=38.45	Pass
	836.5	1	0	21.03	1.28	20.16	<=38.45	Pass
			7	21.23	1.28	20.36	<=38.45	Pass
			14	20.77	1.28	19.90	<=38.45	Pass
		8	0	19.84	1.28	18.97	<=38.45	Pass
			4	19.46	1.28	18.59	<=38.45	Pass
			7	19.46	1.28	18.59	<=38.45	Pass
		15	0	19.41	1.28	18.54	<=38.45	Pass
	847.5	1	0	21.19	1.28	20.32	<=38.45	Pass
			7	21.30	1.28	20.43	<=38.45	Pass
			14	21.89	1.28	21.02	<=38.45	Pass
		8	0	20.18	1.28	19.31	<=38.45	Pass
			4	20.14	1.28	19.27	<=38.45	Pass
			7	20.12	1.28	19.25	<=38.45	Pass
		15	0	19.95	1.28	19.08	<=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	21.84	1.28	20.97	<=38.45	Pass	
			13	21.60	1.28	20.73	<=38.45	Pass	
			24	21.64	1.28	20.77	<=38.45	Pass	
		12	0	20.88	1.28	20.01	<=38.45	Pass	
			6	20.75	1.28	19.88	<=38.45	Pass	
			13	20.75	1.28	19.88	<=38.45	Pass	
		25	0	20.80	1.28	19.93	<=38.45	Pass	
		836.5	1	0	21.25	1.28	20.38	<=38.45	Pass
				13	21.43	1.28	20.56	<=38.45	Pass
	24			21.40	1.28	20.53	<=38.45	Pass	
	12		0	20.53	1.28	19.66	<=38.45	Pass	
			6	20.50	1.28	19.63	<=38.45	Pass	
			13	20.61	1.28	19.74	<=38.45	Pass	
	25		0	20.53	1.28	19.66	<=38.45	Pass	
	846.5		1	0	21.49	1.28	20.62	<=38.45	Pass
				13	21.98	1.28	21.11	<=38.45	Pass
		24		22.12	1.28	21.25	<=38.45	Pass	
		12	0	20.83	1.28	19.96	<=38.45	Pass	
			6	20.96	1.28	20.09	<=38.45	Pass	
			13	21.05	1.28	20.18	<=38.45	Pass	
		25	0	20.97	1.28	20.10	<=38.45	Pass	
16QAM		826.5	1	0	20.63	1.28	19.76	<=38.45	Pass
				13	20.48	1.28	19.61	<=38.45	Pass
	24			20.59	1.28	19.72	<=38.45	Pass	
	12		0	19.82	1.28	18.95	<=38.45	Pass	
			6	19.99	1.28	19.12	<=38.45	Pass	
			13	19.87	1.28	19.00	<=38.45	Pass	
	25		0	19.98	1.28	19.11	<=38.45	Pass	
	836.5		1	0	20.58	1.28	19.71	<=38.45	Pass
				13	20.84	1.28	19.97	<=38.45	Pass
		24		20.85	1.28	19.98	<=38.45	Pass	
		12	0	19.35	1.28	18.48	<=38.45	Pass	
			6	19.49	1.28	18.62	<=38.45	Pass	
			13	19.52	1.28	18.65	<=38.45	Pass	
		25	0	19.38	1.28	18.51	<=38.45	Pass	
		846.5	1	0	20.03	1.28	19.16	<=38.45	Pass
				13	20.52	1.28	19.65	<=38.45	Pass
	24			20.61	1.28	19.74	<=38.45	Pass	
	12		0	19.68	1.28	18.81	<=38.45	Pass	
			6	19.92	1.28	19.05	<=38.45	Pass	
			13	20.03	1.28	19.16	<=38.45	Pass	
	25		0	20.07	1.28	19.20	<=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 / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	21.71	1.28	20.84	<=38.45	Pass
			25	21.60	1.28	20.73	<=38.45	Pass
			49	21.78	1.28	20.91	<=38.45	Pass
		25	0	20.85	1.28	19.98	<=38.45	Pass
			13	20.78	1.28	19.91	<=38.45	Pass
			25	20.71	1.28	19.84	<=38.45	Pass
		50	0	20.80	1.28	19.93	<=38.45	Pass
	836.5	1	0	21.65	1.28	20.78	<=38.45	Pass
			0					

16QAM	844	25	25	21.80	1.28	20.93	<=38.45	Pass
			49	21.52	1.28	20.65	<=38.45	Pass
			0	20.58	1.28	19.71	<=38.45	Pass
			13	20.62	1.28	19.75	<=38.45	Pass
			25	20.62	1.28	19.75	<=38.45	Pass
		50	0	20.69	1.28	19.82	<=38.45	Pass
			0	21.79	1.28	20.92	<=38.45	Pass
			25	21.83	1.28	20.96	<=38.45	Pass
			49	22.12	1.28	21.25	<=38.45	Pass
			0	20.81	1.28	19.94	<=38.45	Pass
	829	1	0	20.88	1.28	20.01	<=38.45	Pass
			25	20.81	1.28	19.94	<=38.45	Pass
			49	20.35	1.28	19.48	<=38.45	Pass
		25	0	19.72	1.28	18.85	<=38.45	Pass
			13	19.88	1.28	19.01	<=38.45	Pass
			25	19.84	1.28	18.97	<=38.45	Pass
		50	0	19.87	1.28	19.00	<=38.45	Pass
			0	21.16	1.28	20.29	<=38.45	Pass
			25	21.24	1.28	20.37	<=38.45	Pass
			49	21.23	1.28	20.36	<=38.45	Pass
16QAM	836.5	1	0	19.84	1.28	18.97	<=38.45	Pass
			13	19.81	1.28	18.94	<=38.45	Pass
			25	19.59	1.28	18.72	<=38.45	Pass
		25	0	19.65	1.28	18.78	<=38.45	Pass
			0	21.08	1.28	20.21	<=38.45	Pass
			25	21.57	1.28	20.70	<=38.45	Pass
		50	49	21.44	1.28	20.57	<=38.45	Pass
			0	19.88	1.28	19.01	<=38.45	Pass
			13	20.05	1.28	19.18	<=38.45	Pass
			25	20.18	1.28	19.31	<=38.45	Pass
	844	1	0	19.98	1.28	19.11	<=38.45	Pass
			0	21.80	1.28	20.93	<=38.45	Pass
			49	21.52	1.28	20.65	<=38.45	Pass
		25	0	20.58	1.28	19.71	<=38.45	Pass
			13	20.62	1.28	19.75	<=38.45	Pass
			25	20.62	1.28	19.75	<=38.45	Pass
		50	0	20.69	1.28	19.82	<=38.45	Pass
			0	21.79	1.28	20.92	<=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	-1.202	-0.0015	-2.5 to 2.5	Pass
					12	-1.802	-0.0022	-2.5 to 2.5	Pass
					13.8	-1.388	-0.0017	-2.5 to 2.5	Pass
				-30	12	-1.674	-0.0020	-2.5 to 2.5	Pass
				-20	12	-2.317	-0.0028	-2.5 to 2.5	Pass
				-10	12	-1.931	-0.0023	-2.5 to 2.5	Pass
				0	12	-1.760	-0.0021	-2.5 to 2.5	Pass
				10	12	-1.731	-0.0021	-2.5 to 2.5	Pass
				30	12	-1.230	-0.0015	-2.5 to 2.5	Pass
				40	12	-1.445	-0.0018	-2.5 to 2.5	Pass
				50	12	-1.559	-0.0019	-2.5 to 2.5	Pass
	836.5	6	0	20	10.2	0.043	0.0001	-2.5 to 2.5	Pass
					12	-0.443	-0.0005	-2.5 to 2.5	Pass
					13.8	-0.973	-0.0012	-2.5 to 2.5	Pass

	848.3	6	0	-30	12	-0.644	-0.0008	-2.5 to 2.5	Pass
				-20	12	-1.073	-0.0013	-2.5 to 2.5	Pass
				-10	12	-0.629	-0.0008	-2.5 to 2.5	Pass
				0	12	-1.016	-0.0012	-2.5 to 2.5	Pass
				10	12	-0.787	-0.0009	-2.5 to 2.5	Pass
				30	12	-1.173	-0.0014	-2.5 to 2.5	Pass
				40	12	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	12	-0.644	-0.0008	-2.5 to 2.5	Pass
				20	10.2	0.000	0.0000	-2.5 to 2.5	Pass
					12	0.014	0.0000	-2.5 to 2.5	Pass
					13.8	-0.415	-0.0005	-2.5 to 2.5	Pass
				-30	12	0.501	0.0006	-2.5 to 2.5	Pass
				-20	12	-0.401	-0.0005	-2.5 to 2.5	Pass
				-10	12	-0.472	-0.0006	-2.5 to 2.5	Pass
				0	12	0.587	0.0007	-2.5 to 2.5	Pass
				10	12	-0.029	0.0000	-2.5 to 2.5	Pass
				30	12	-0.844	-0.0010	-2.5 to 2.5	Pass
				40	12	0.157	0.0002	-2.5 to 2.5	Pass
				50	12	0.143	0.0002	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	10.2	-1.659	-0.0020	-2.5 to 2.5	Pass
					12	-2.017	-0.0024	-2.5 to 2.5	Pass
					13.8	-1.316	-0.0016	-2.5 to 2.5	Pass
				-30	12	-0.858	-0.0010	-2.5 to 2.5	Pass
				-20	12	-1.516	-0.0018	-2.5 to 2.5	Pass
				-10	12	-2.332	-0.0028	-2.5 to 2.5	Pass
				0	12	-1.931	-0.0023	-2.5 to 2.5	Pass
				10	12	-1.016	-0.0012	-2.5 to 2.5	Pass
				30	12	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	12	-1.373	-0.0017	-2.5 to 2.5	Pass
				50	12	-2.046	-0.0025	-2.5 to 2.5	Pass
	836.5	6	0	20	10.2	-0.186	-0.0002	-2.5 to 2.5	Pass
					12	-0.687	-0.0008	-2.5 to 2.5	Pass
					13.8	-0.172	-0.0002	-2.5 to 2.5	Pass
				-30	12	0.257	0.0003	-2.5 to 2.5	Pass
				-20	12	-1.016	-0.0012	-2.5 to 2.5	Pass
				-10	12	0.401	0.0005	-2.5 to 2.5	Pass
				0	12	-1.159	-0.0014	-2.5 to 2.5	Pass
				10	12	-0.758	-0.0009	-2.5 to 2.5	Pass
				30	12	-0.873	-0.0010	-2.5 to 2.5	Pass
				40	12	-0.944	-0.0011	-2.5 to 2.5	Pass
				50	12	-0.086	-0.0001	-2.5 to 2.5	Pass
	848.3	6	0	20	10.2	-0.544	-0.0006	-2.5 to 2.5	Pass
					12	-1.059	-0.0012	-2.5 to 2.5	Pass
					13.8	-0.343	-0.0004	-2.5 to 2.5	Pass
				-30	12	-0.758	-0.0009	-2.5 to 2.5	Pass
				-20	12	-0.644	-0.0008	-2.5 to 2.5	Pass
				-10	12	-0.014	0.0000	-2.5 to 2.5	Pass
				0	12	-0.272	-0.0003	-2.5 to 2.5	Pass
				10	12	-0.587	-0.0007	-2.5 to 2.5	Pass
				30	12	0.114	0.0001	-2.5 to 2.5	Pass
				40	12	-0.014	0.0000	-2.5 to 2.5	Pass
				50	12	-0.172	-0.0002	-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	-0.815	-0.0010	-2.5 to 2.5	Pass
					12	0.043	0.0001	-2.5 to 2.5	Pass
					13.8	-0.315	-0.0004	-2.5 to 2.5	Pass
				-30	12	-0.858	-0.0010	-2.5 to 2.5	Pass
				-20	12	-0.429	-0.0005	-2.5 to 2.5	Pass
				-10	12	-0.329	-0.0004	-2.5 to 2.5	Pass
				0	12	-0.801	-0.0010	-2.5 to 2.5	Pass
				10	12	-0.873	-0.0011	-2.5 to 2.5	Pass
				30	12	-0.472	-0.0006	-2.5 to 2.5	Pass
				40	12	-0.143	-0.0002	-2.5 to 2.5	Pass
				50	12	-0.930	-0.0011	-2.5 to 2.5	Pass
	836.5	15	0	20	10.2	-1.431	-0.0017	-2.5 to 2.5	Pass
					12	-0.072	-0.0001	-2.5 to 2.5	Pass
					13.8	-0.272	-0.0003	-2.5 to 2.5	Pass
				-30	12	-0.758	-0.0009	-2.5 to 2.5	Pass
				-20	12	-0.558	-0.0007	-2.5 to 2.5	Pass
				-10	12	0.372	0.0004	-2.5 to 2.5	Pass
				0	12	-0.758	-0.0009	-2.5 to 2.5	Pass
				10	12	-1.101	-0.0013	-2.5 to 2.5	Pass
				30	12	-2.031	-0.0024	-2.5 to 2.5	Pass
				40	12	-1.059	-0.0013	-2.5 to 2.5	Pass
				50	12	-1.559	-0.0019	-2.5 to 2.5	Pass
	847.5	15	0	20	10.2	-2.003	-0.0024	-2.5 to 2.5	Pass
					12	-0.930	-0.0011	-2.5 to 2.5	Pass
					13.8	-2.475	-0.0029	-2.5 to 2.5	Pass
				-30	12	-1.073	-0.0013	-2.5 to 2.5	Pass
				-20	12	-1.473	-0.0017	-2.5 to 2.5	Pass
				-10	12	-0.601	-0.0007	-2.5 to 2.5	Pass
				0	12	-0.858	-0.0010	-2.5 to 2.5	Pass
				10	12	-1.245	-0.0015	-2.5 to 2.5	Pass
				30	12	-1.273	-0.0015	-2.5 to 2.5	Pass
				40	12	-1.602	-0.0019	-2.5 to 2.5	Pass
				50	12	-1.259	-0.0015	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	10.2	-0.243	-0.0003	-2.5 to 2.5	Pass
					12	-0.114	-0.0001	-2.5 to 2.5	Pass
					13.8	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	12	-0.815	-0.0010	-2.5 to 2.5	Pass
				-20	12	-0.644	-0.0008	-2.5 to 2.5	Pass
				-10	12	0.100	0.0001	-2.5 to 2.5	Pass
				0	12	0.458	0.0006	-2.5 to 2.5	Pass
				10	12	-1.330	-0.0016	-2.5 to 2.5	Pass
				30	12	-0.358	-0.0004	-2.5 to 2.5	Pass
				40	12	-1.373	-0.0017	-2.5 to 2.5	Pass
				50	12	-1.230	-0.0015	-2.5 to 2.5	Pass
	836.5	15	0	20	10.2	-0.916	-0.0011	-2.5 to 2.5	Pass
					12	-1.287	-0.0015	-2.5 to 2.5	Pass
					13.8	-0.458	-0.0005	-2.5 to 2.5	Pass
				-30	12	0.587	0.0007	-2.5 to 2.5	Pass
				-20	12	-0.486	-0.0006	-2.5 to 2.5	Pass
				-10	12	0.029	0.0000	-2.5 to 2.5	Pass
				0	12	-0.515	-0.0006	-2.5 to 2.5	Pass
				10	12	-0.458	-0.0005	-2.5 to 2.5	Pass
				30	12	-0.873	-0.0010	-2.5 to 2.5	Pass
				40	12	-1.745	-0.0021	-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	-1.330	-0.0016	-2.5 to 2.5	Pass
					12	-1.330	-0.0016	-2.5 to 2.5	Pass
					13.8	-1.545	-0.0018	-2.5 to 2.5	Pass
				-30	12	-1.888	-0.0022	-2.5 to 2.5	Pass
				-20	12	-1.574	-0.0019	-2.5 to 2.5	Pass

				-10	12	-1.731	-0.0020	-2.5 to 2.5	Pass
				0	12	-2.446	-0.0029	-2.5 to 2.5	Pass
				10	12	-2.031	-0.0024	-2.5 to 2.5	Pass
				30	12	-2.360	-0.0028	-2.5 to 2.5	Pass
				40	12	-2.990	-0.0035	-2.5 to 2.5	Pass
				50	12	-2.460	-0.0029	-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	-1.860	-0.0023	-2.5 to 2.5	Pass
					12	-1.245	-0.0015	-2.5 to 2.5	Pass
					13.8	-0.844	-0.0010	-2.5 to 2.5	Pass
				-30	12	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	12	-1.774	-0.0021	-2.5 to 2.5	Pass
				-10	12	-1.788	-0.0022	-2.5 to 2.5	Pass
				0	12	-1.788	-0.0022	-2.5 to 2.5	Pass
				10	12	-2.246	-0.0027	-2.5 to 2.5	Pass
				30	12	-1.245	-0.0015	-2.5 to 2.5	Pass
				40	12	-1.202	-0.0015	-2.5 to 2.5	Pass
				50	12	-1.316	-0.0016	-2.5 to 2.5	Pass
	836.5	25	0	20	10.2	-1.202	-0.0014	-2.5 to 2.5	Pass
					12	-1.230	-0.0015	-2.5 to 2.5	Pass
					13.8	-1.717	-0.0021	-2.5 to 2.5	Pass
				-30	12	-0.401	-0.0005	-2.5 to 2.5	Pass
				-20	12	-0.844	-0.0010	-2.5 to 2.5	Pass
				-10	12	-1.101	-0.0013	-2.5 to 2.5	Pass
				0	12	-1.831	-0.0022	-2.5 to 2.5	Pass
				10	12	-0.386	-0.0005	-2.5 to 2.5	Pass
				30	12	-0.587	-0.0007	-2.5 to 2.5	Pass
				40	12	-0.186	-0.0002	-2.5 to 2.5	Pass
				50	12	-0.701	-0.0008	-2.5 to 2.5	Pass
	846.5	25	0	20	10.2	-0.572	-0.0007	-2.5 to 2.5	Pass
					12	0.329	0.0004	-2.5 to 2.5	Pass
					13.8	0.615	0.0007	-2.5 to 2.5	Pass
				-30	12	0.772	0.0009	-2.5 to 2.5	Pass
				-20	12	0.515	0.0006	-2.5 to 2.5	Pass
				-10	12	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	12	0.243	0.0003	-2.5 to 2.5	Pass
				10	12	-0.200	-0.0002	-2.5 to 2.5	Pass
				30	12	-1.302	-0.0015	-2.5 to 2.5	Pass
				40	12	0.658	0.0008	-2.5 to 2.5	Pass
				50	12	0.143	0.0002	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	10.2	-1.445	-0.0017	-2.5 to 2.5	Pass
					12	-2.332	-0.0028	-2.5 to 2.5	Pass
					13.8	-2.131	-0.0026	-2.5 to 2.5	Pass
				-30	12	-1.516	-0.0018	-2.5 to 2.5	Pass
				-20	12	-2.146	-0.0026	-2.5 to 2.5	Pass
				-10	12	-2.217	-0.0027	-2.5 to 2.5	Pass
				0	12	-2.418	-0.0029	-2.5 to 2.5	Pass
				10	12	-1.745	-0.0021	-2.5 to 2.5	Pass
				30	12	-0.830	-0.0010	-2.5 to 2.5	Pass
				40	12	-2.074	-0.0025	-2.5 to 2.5	Pass
				50	12	-1.631	-0.0020	-2.5 to 2.5	Pass
	836.5	25	0	20	10.2	-0.172	-0.0002	-2.5 to 2.5	Pass

					12	-0.329	-0.0004	-2.5 to 2.5	Pass
					13.8	-0.544	-0.0007	-2.5 to 2.5	Pass
				-30	12	0.143	0.0002	-2.5 to 2.5	Pass
				-20	12	0.415	0.0005	-2.5 to 2.5	Pass
				-10	12	0.257	0.0003	-2.5 to 2.5	Pass
				0	12	-0.215	-0.0003	-2.5 to 2.5	Pass
				10	12	0.372	0.0004	-2.5 to 2.5	Pass
				30	12	-0.486	-0.0006	-2.5 to 2.5	Pass
				40	12	0.372	0.0004	-2.5 to 2.5	Pass
				50	12	-0.014	0.0000	-2.5 to 2.5	Pass
	846.5	25	0	20	10.2	-0.429	-0.0005	-2.5 to 2.5	Pass
					12	-0.257	-0.0003	-2.5 to 2.5	Pass
					13.8	-0.629	-0.0007	-2.5 to 2.5	Pass
				-30	12	-0.601	-0.0007	-2.5 to 2.5	Pass
				-20	12	-0.629	-0.0007	-2.5 to 2.5	Pass
				-10	12	-1.845	-0.0022	-2.5 to 2.5	Pass
				0	12	-0.129	-0.0002	-2.5 to 2.5	Pass
				10	12	-0.057	-0.0001	-2.5 to 2.5	Pass
				30	12	-0.029	0.0000	-2.5 to 2.5	Pass
				40	12	-1.230	-0.0015	-2.5 to 2.5	Pass
				50	12	-0.043	-0.0001	-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	-0.558	-0.0007	-2.5 to 2.5	Pass
					12	-0.186	-0.0002	-2.5 to 2.5	Pass
					13.8	-0.672	-0.0008	-2.5 to 2.5	Pass
				-30	12	0.100	0.0001	-2.5 to 2.5	Pass
				-20	12	-0.501	-0.0006	-2.5 to 2.5	Pass
				-10	12	-0.744	-0.0009	-2.5 to 2.5	Pass
				0	12	-0.730	-0.0009	-2.5 to 2.5	Pass
				10	12	-0.358	-0.0004	-2.5 to 2.5	Pass
				30	12	-0.801	-0.0010	-2.5 to 2.5	Pass
				40	12	-0.901	-0.0011	-2.5 to 2.5	Pass
				50	12	0.315	0.0004	-2.5 to 2.5	Pass
	836.5	50	0	20	10.2	-0.329	-0.0004	-2.5 to 2.5	Pass
					12	-0.100	-0.0001	-2.5 to 2.5	Pass
					13.8	-0.644	-0.0008	-2.5 to 2.5	Pass
				-30	12	-0.658	-0.0008	-2.5 to 2.5	Pass
				-20	12	0.186	0.0002	-2.5 to 2.5	Pass
				-10	12	-0.215	-0.0003	-2.5 to 2.5	Pass
				0	12	-0.916	-0.0011	-2.5 to 2.5	Pass
				10	12	0.043	0.0001	-2.5 to 2.5	Pass
				30	12	0.172	0.0002	-2.5 to 2.5	Pass
				40	12	-0.758	-0.0009	-2.5 to 2.5	Pass
				50	12	-0.272	-0.0003	-2.5 to 2.5	Pass
	844	50	0	20	10.2	-0.300	-0.0004	-2.5 to 2.5	Pass
					12	-0.730	-0.0009	-2.5 to 2.5	Pass
					13.8	0.129	0.0002	-2.5 to 2.5	Pass
				-30	12	0.043	0.0001	-2.5 to 2.5	Pass
				-20	12	-1.230	-0.0015	-2.5 to 2.5	Pass
				-10	12	-1.645	-0.0019	-2.5 to 2.5	Pass
				0	12	-0.701	-0.0008	-2.5 to 2.5	Pass
				10	12	-0.358	-0.0004	-2.5 to 2.5	Pass

16QAM	829	50	0	30	12	0.243	0.0003	-2.5 to 2.5	Pass
				40	12	0.157	0.0002	-2.5 to 2.5	Pass
				50	12	-0.057	-0.0001	-2.5 to 2.5	Pass
	836.5	50	0	20	10.2	-0.386	-0.0005	-2.5 to 2.5	Pass
					12	-0.572	-0.0007	-2.5 to 2.5	Pass
					13.8	-0.401	-0.0005	-2.5 to 2.5	Pass
				-30	12	-0.644	-0.0008	-2.5 to 2.5	Pass
				-20	12	0.215	0.0003	-2.5 to 2.5	Pass
				-10	12	-0.486	-0.0006	-2.5 to 2.5	Pass
				0	12	-1.116	-0.0013	-2.5 to 2.5	Pass
				10	12	-0.086	-0.0001	-2.5 to 2.5	Pass
				30	12	-0.472	-0.0006	-2.5 to 2.5	Pass
				40	12	0.129	0.0002	-2.5 to 2.5	Pass
				50	12	0.100	0.0001	-2.5 to 2.5	Pass
	844	50	0	20	10.2	-0.701	-0.0008	-2.5 to 2.5	Pass
					12	-0.257	-0.0003	-2.5 to 2.5	Pass
					13.8	-0.844	-0.0010	-2.5 to 2.5	Pass
				-30	12	-0.715	-0.0009	-2.5 to 2.5	Pass
				-20	12	-0.286	-0.0003	-2.5 to 2.5	Pass
				-10	12	-0.157	-0.0002	-2.5 to 2.5	Pass
				0	12	-0.114	-0.0001	-2.5 to 2.5	Pass
				10	12	-1.016	-0.0012	-2.5 to 2.5	Pass
				30	12	-1.159	-0.0014	-2.5 to 2.5	Pass
				40	12	-1.030	-0.0012	-2.5 to 2.5	Pass
				50	12	-0.587	-0.0007	-2.5 to 2.5	Pass
				20	10.2	-1.044	-0.0012	-2.5 to 2.5	Pass
					12	-0.386	-0.0005	-2.5 to 2.5	Pass
					13.8	-0.472	-0.0006	-2.5 to 2.5	Pass
				-30	12	-0.916	-0.0011	-2.5 to 2.5	Pass
				-20	12	-1.101	-0.0013	-2.5 to 2.5	Pass
				-10	12	-1.931	-0.0023	-2.5 to 2.5	Pass
				0	12	-1.001	-0.0012	-2.5 to 2.5	Pass
				10	12	-0.672	-0.0008	-2.5 to 2.5	Pass
				30	12	-1.016	-0.0012	-2.5 to 2.5	Pass
				40	12	-1.087	-0.0013	-2.5 to 2.5	Pass
				50	12	-0.257	-0.0003	-2.5 to 2.5	Pass

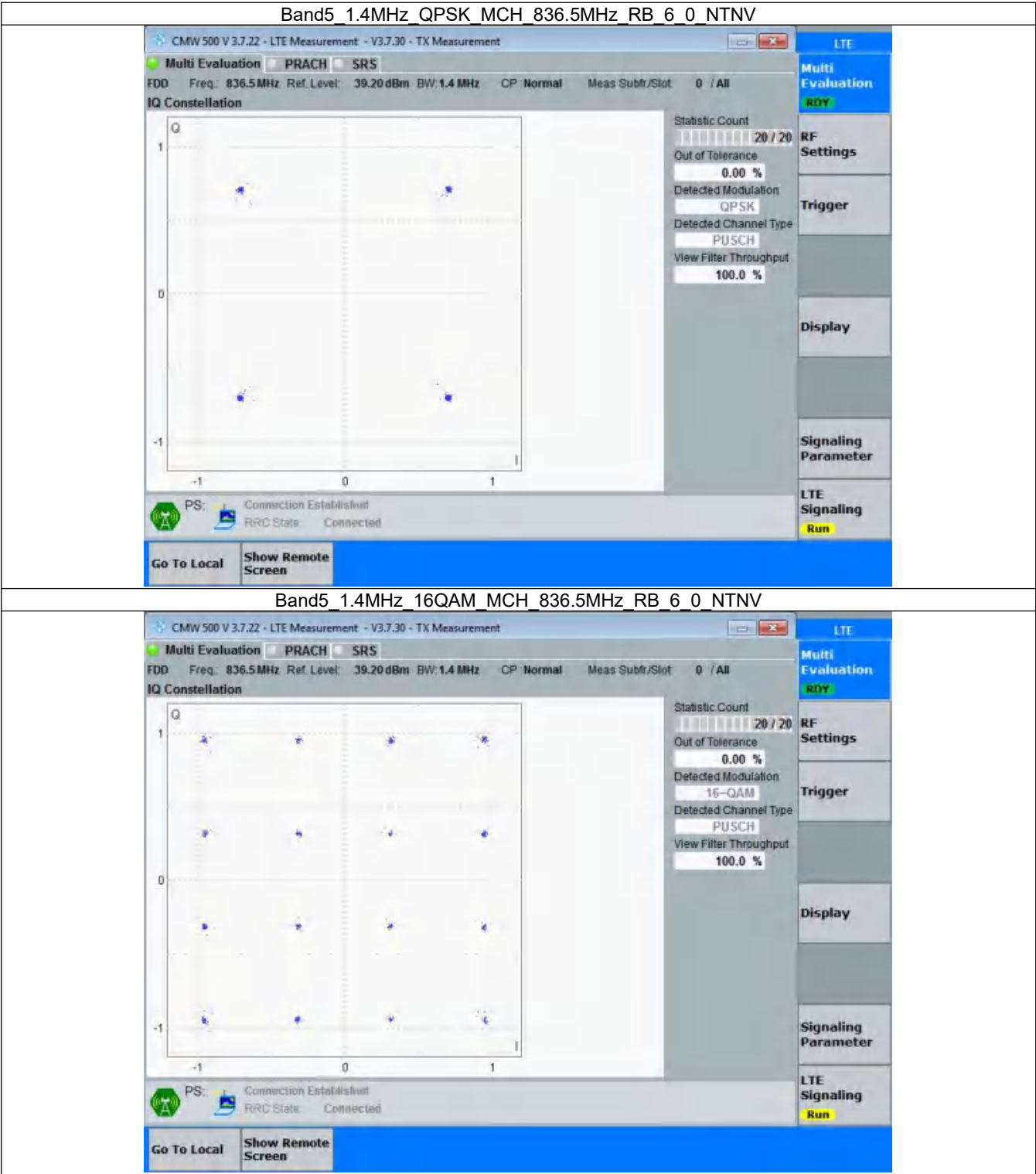
3. Modulation Characteristics

3.1 B5_1.4MHz

3.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	836.5	6	0	Refer To Test Graph	
16QAM	836.5	6	0	Refer To Test Graph	

3.1.2 Test Graph

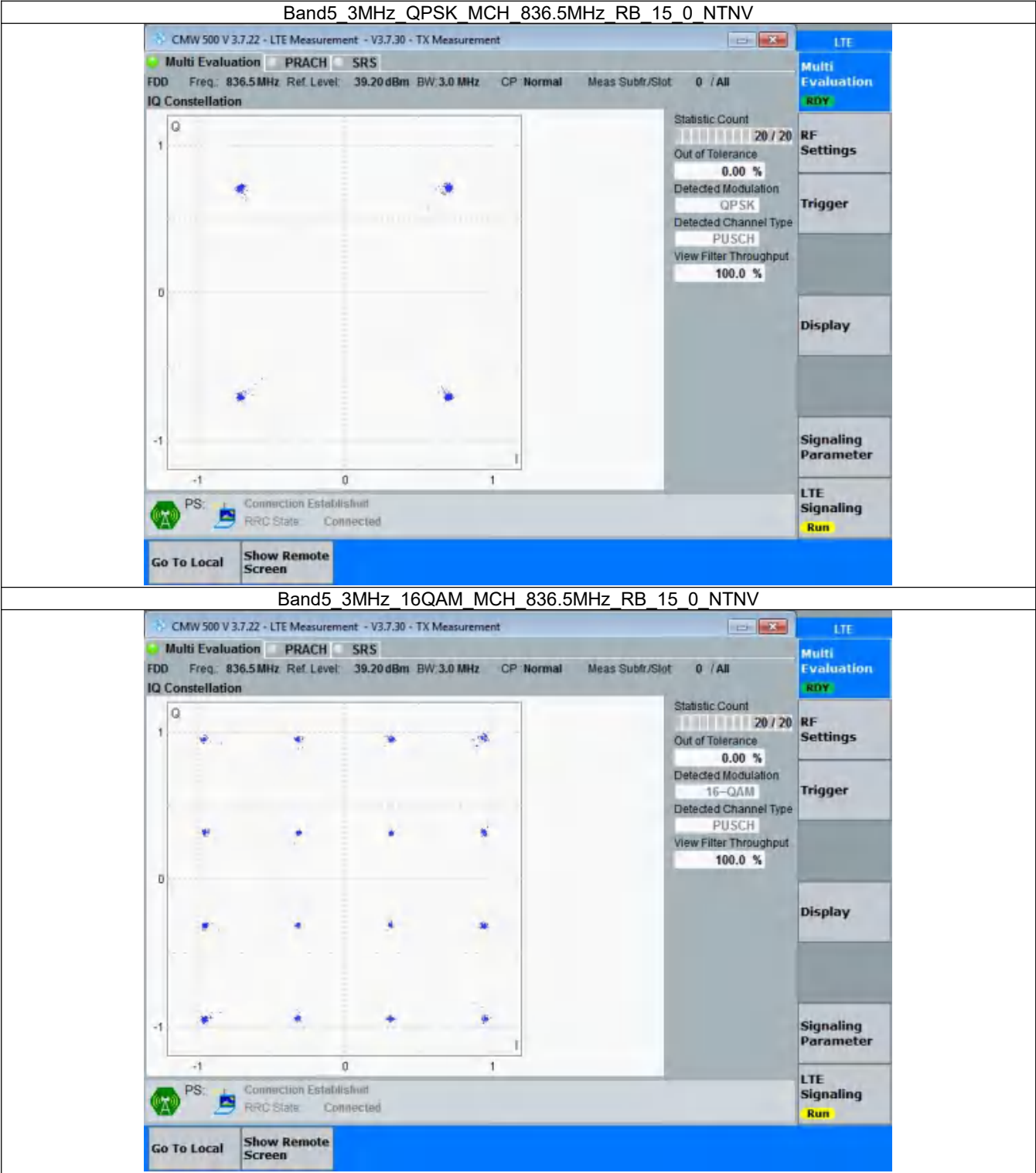


3.2 B5_3MHz

3.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	836.5	15	0	Refer To Test Graph	
16QAM	836.5	15	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.2.2 Test Graph

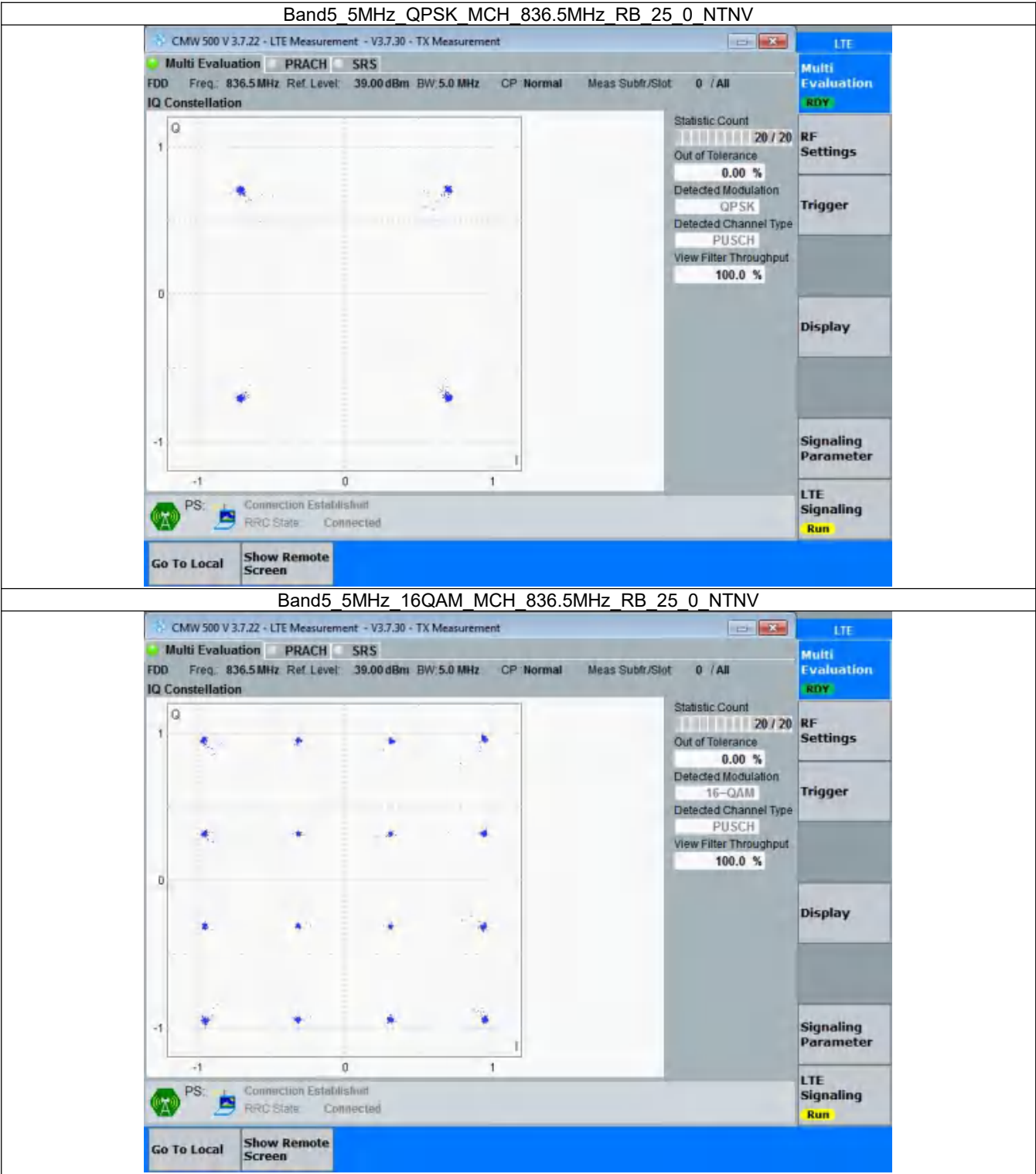


3.3 B5_5MHz

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

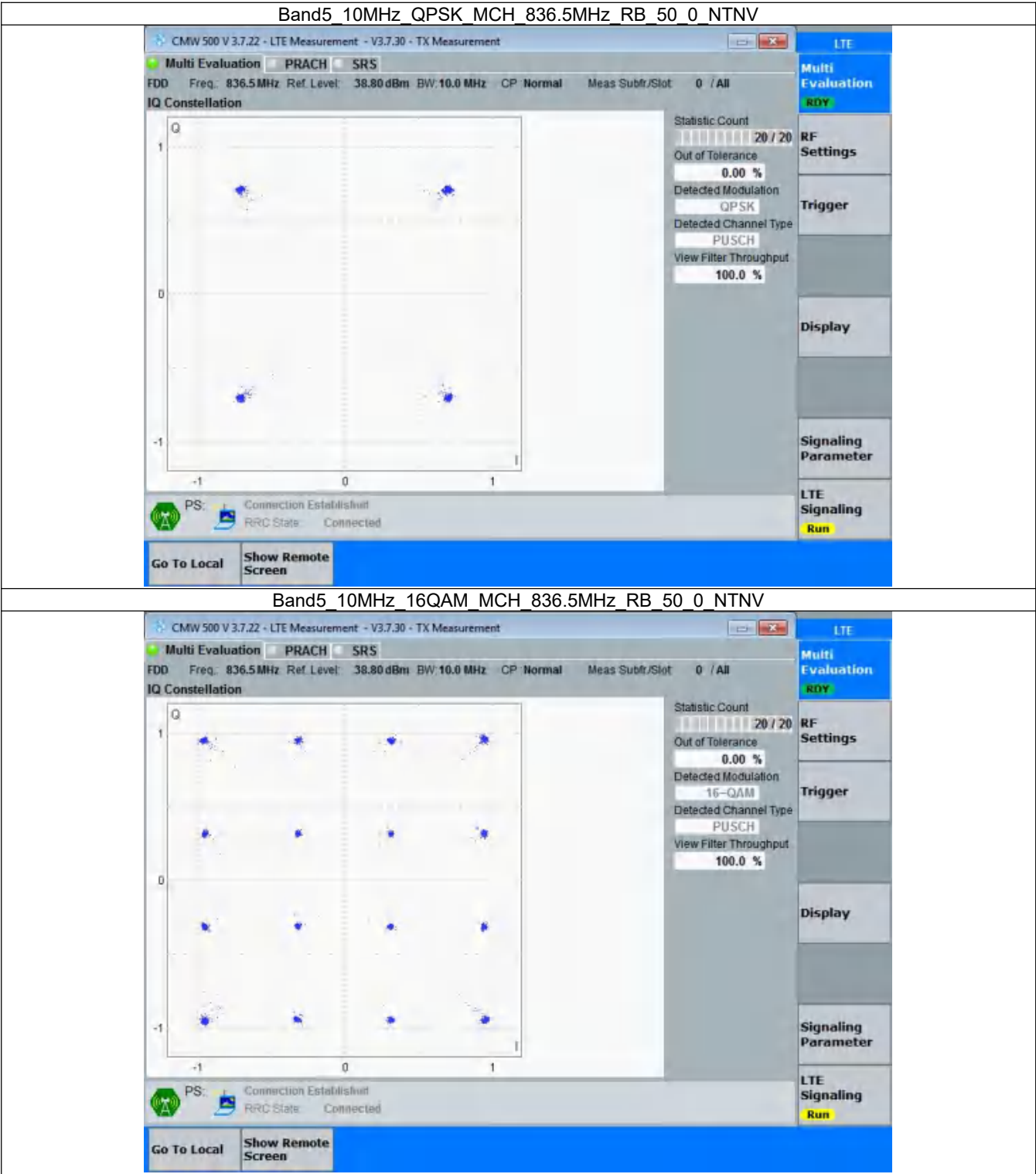


3.4 B5_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph



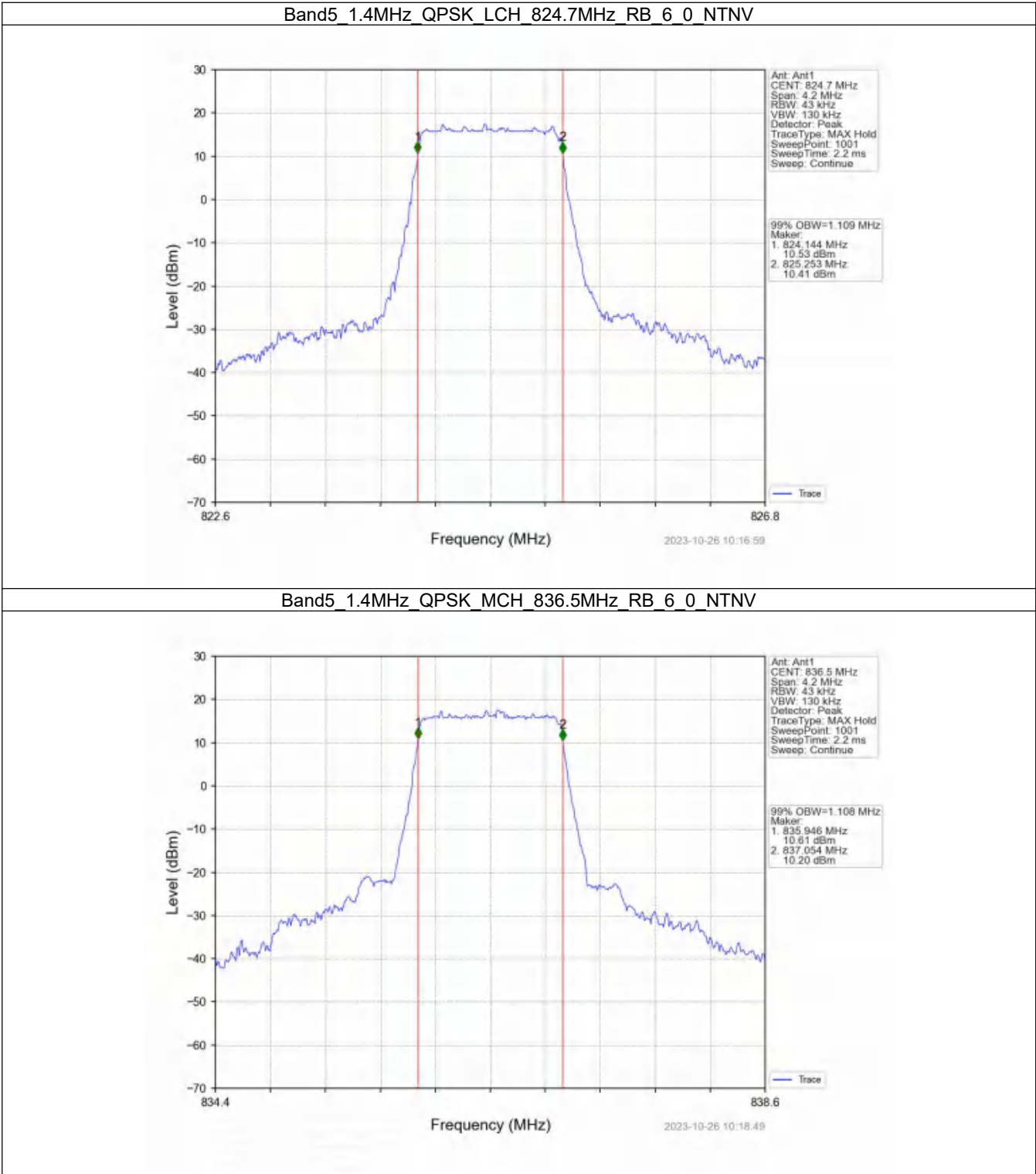
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

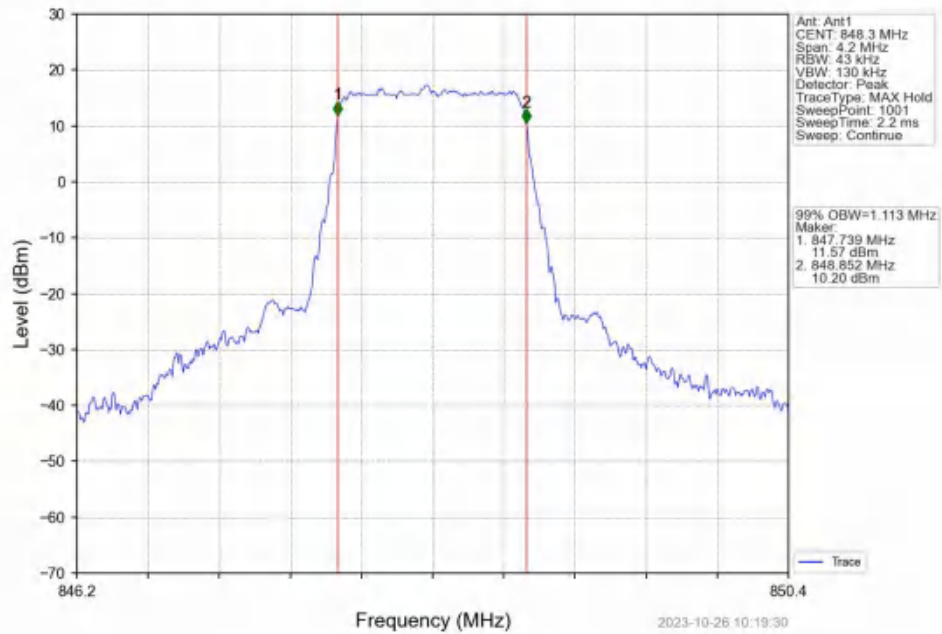
4.1.1 Test Result

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	1.109	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.113	/	Pass
	16QAM	824.7	6	0	1.108	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.112	/	Pass
3	QPSK	825.5	15	0	2.738	/	Pass
		836.5	15	0	2.744	/	Pass
		847.5	15	0	2.740	/	Pass
	16QAM	825.5	15	0	2.744	/	Pass
		836.5	15	0	2.738	/	Pass
		847.5	15	0	2.728	/	Pass
5	QPSK	826.5	25	0	4.564	/	Pass
		836.5	25	0	4.536	/	Pass
		846.5	25	0	4.556	/	Pass
	16QAM	826.5	25	0	4.550	/	Pass
		836.5	25	0	4.555	/	Pass
		846.5	25	0	4.540	/	Pass
10	QPSK	829	50	0	9.052	/	Pass
		836.5	50	0	9.013	/	Pass
		844	50	0	9.047	/	Pass
	16QAM	829	50	0	9.050	/	Pass
		836.5	50	0	9.006	/	Pass
		844	50	0	9.025	/	Pass

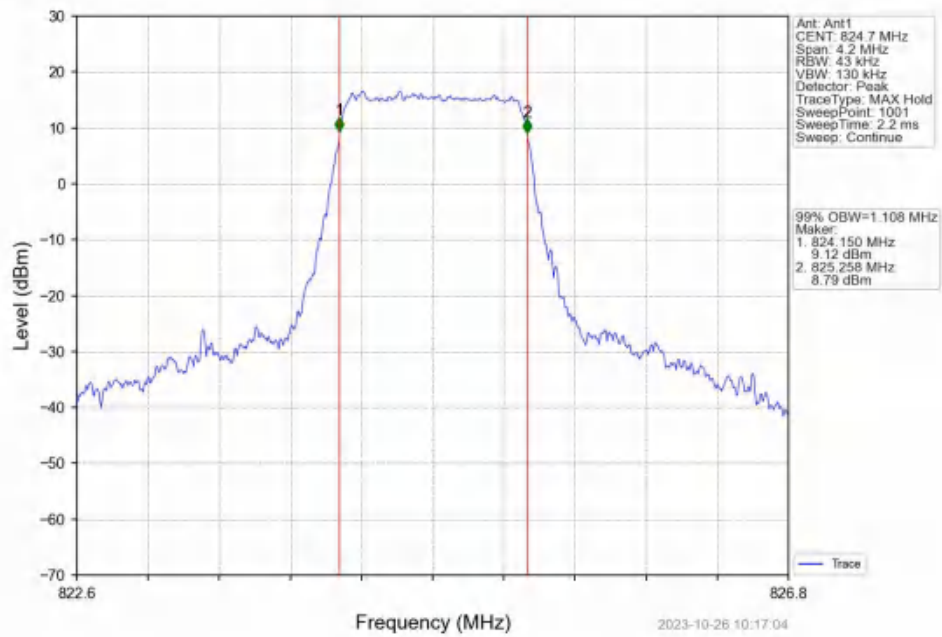
4.1.2 Test Graph



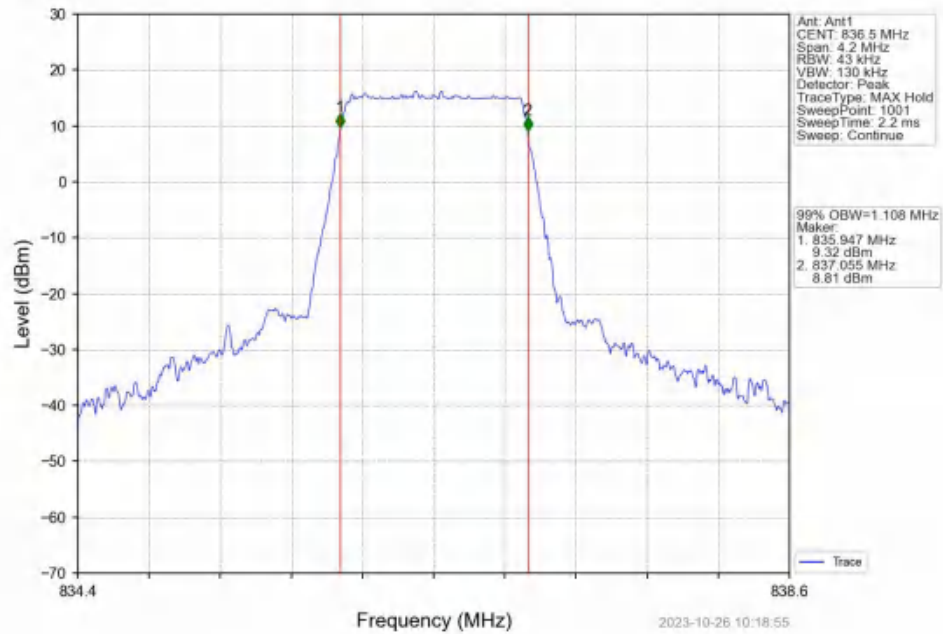
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



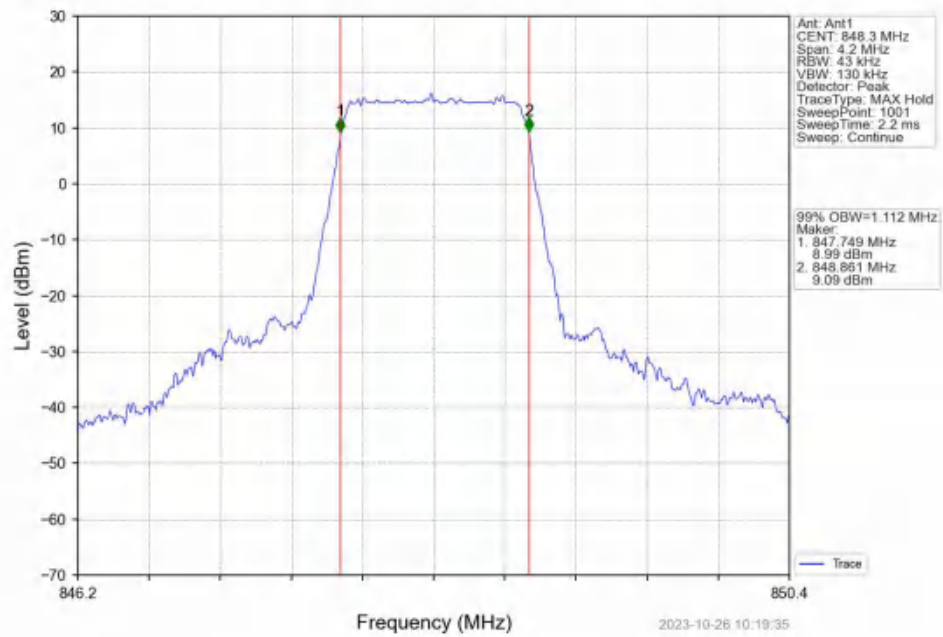
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



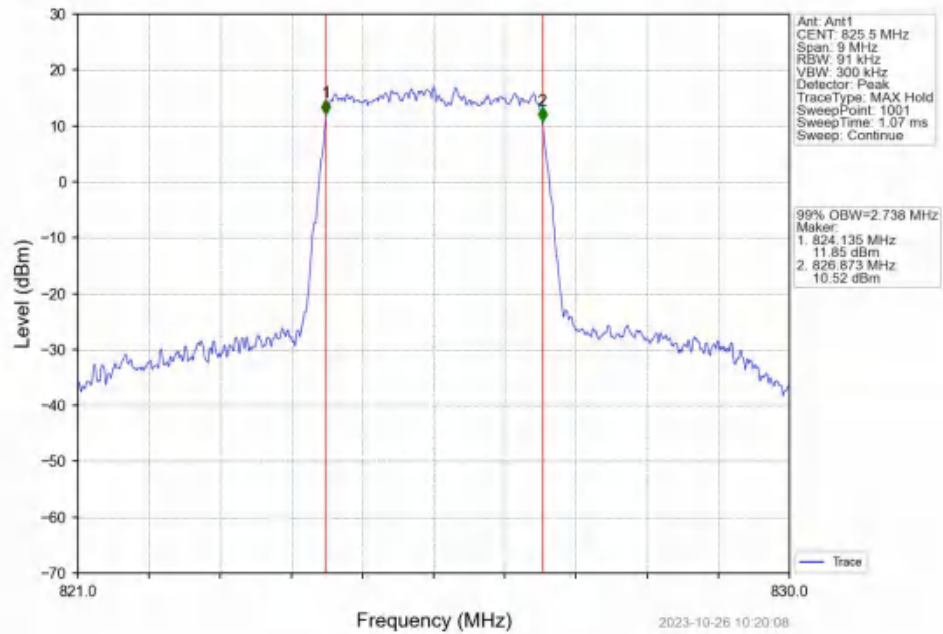
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



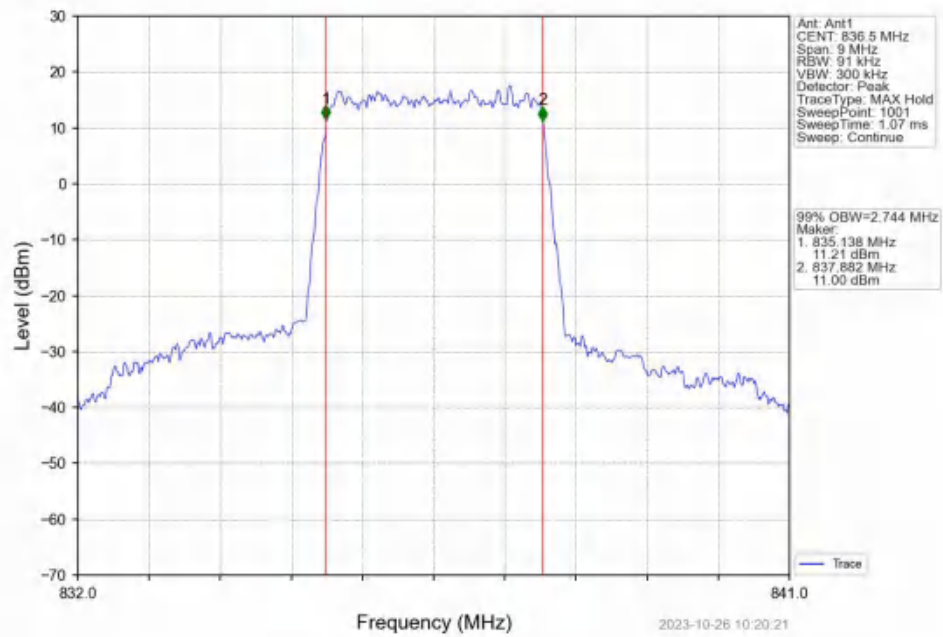
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



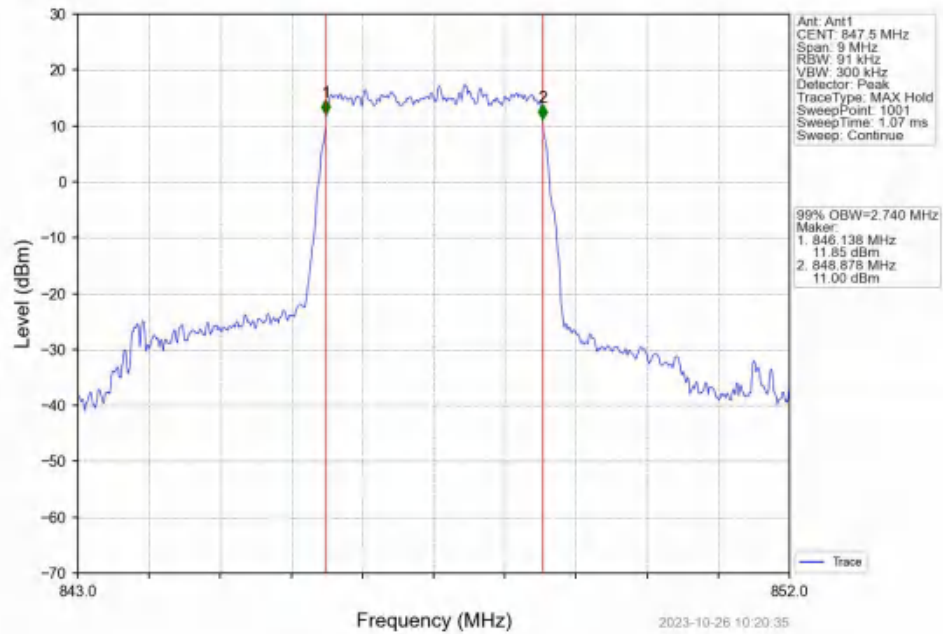
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



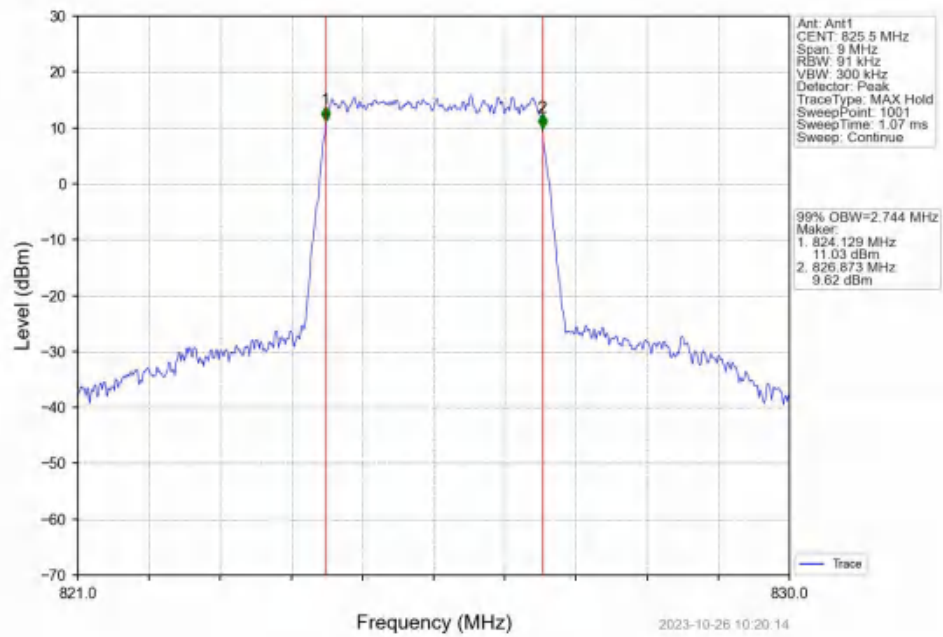
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



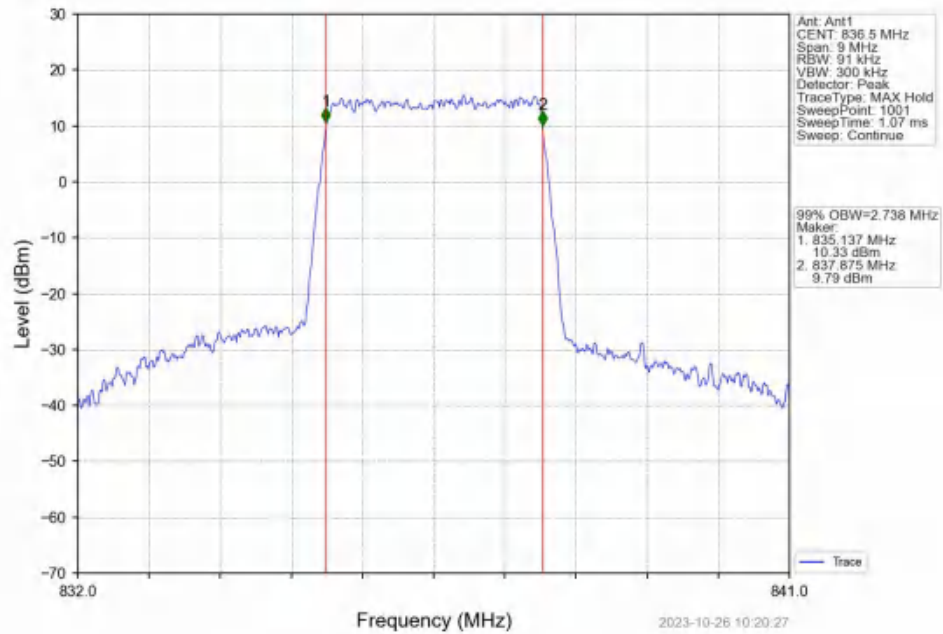
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



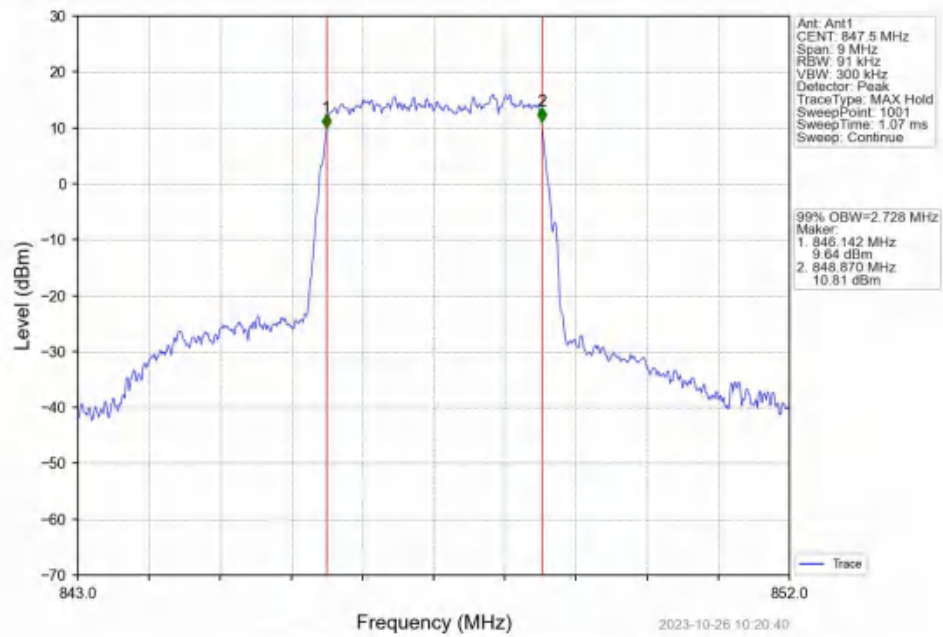
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



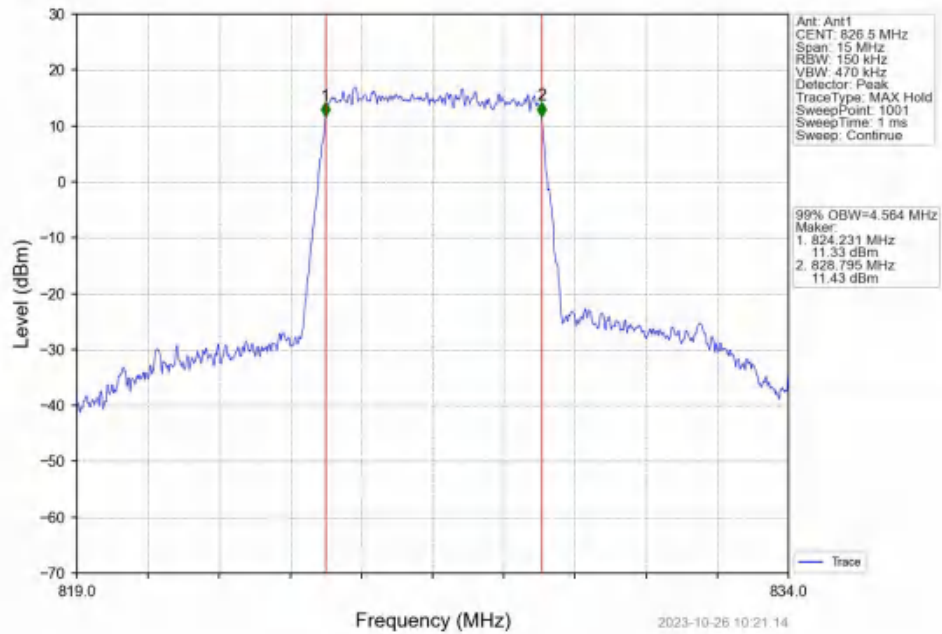
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



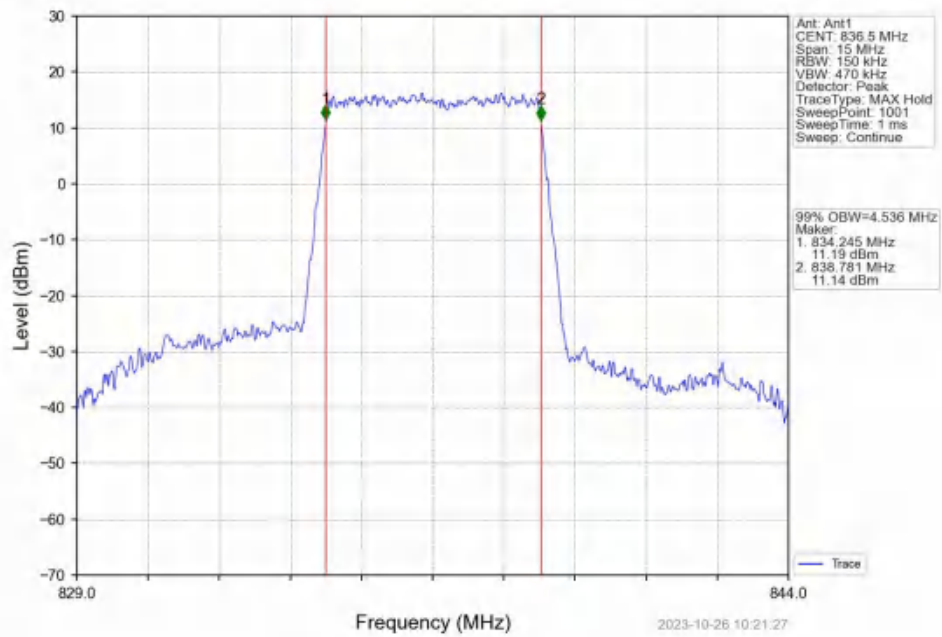
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



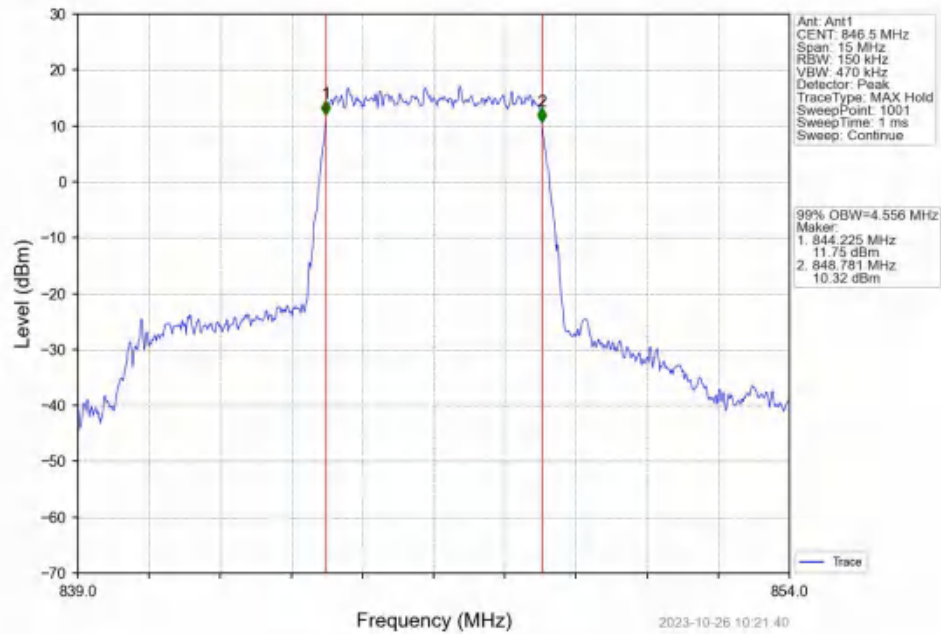
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



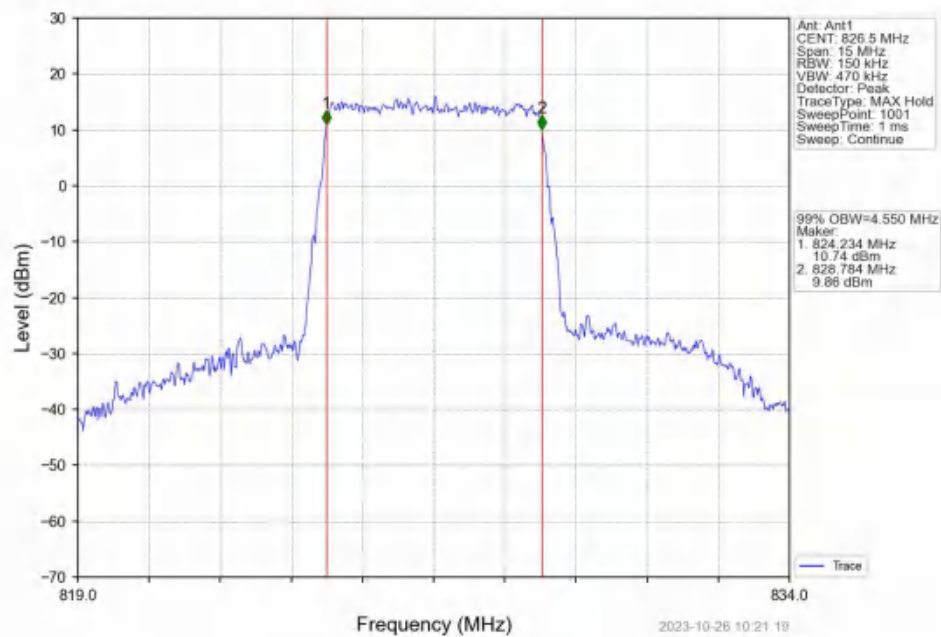
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



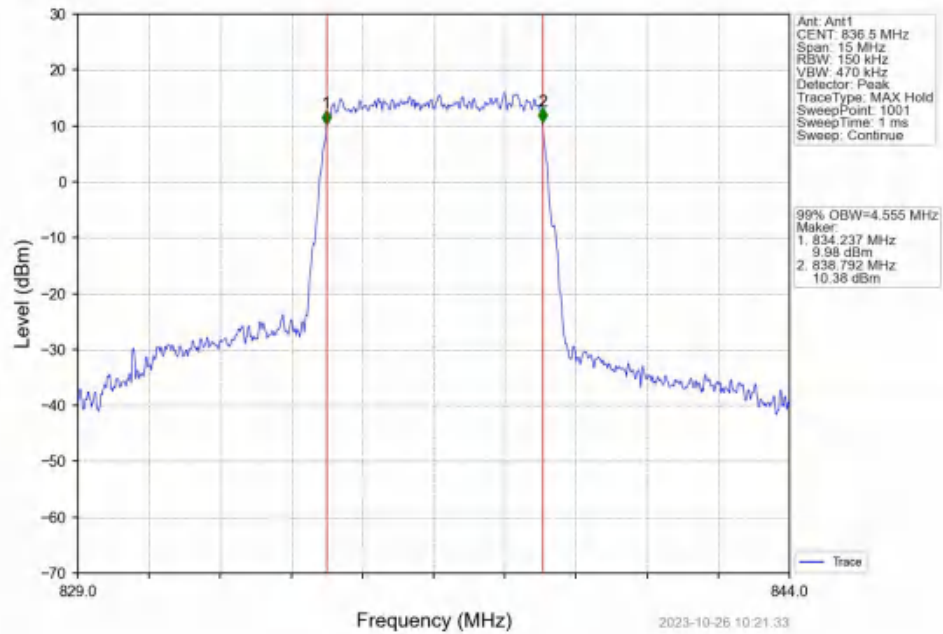
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



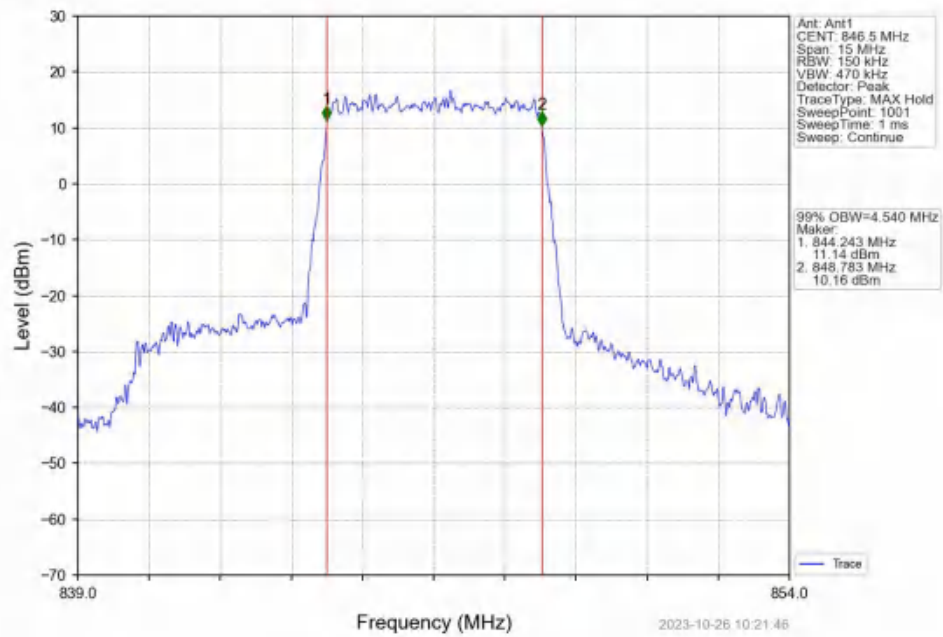
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



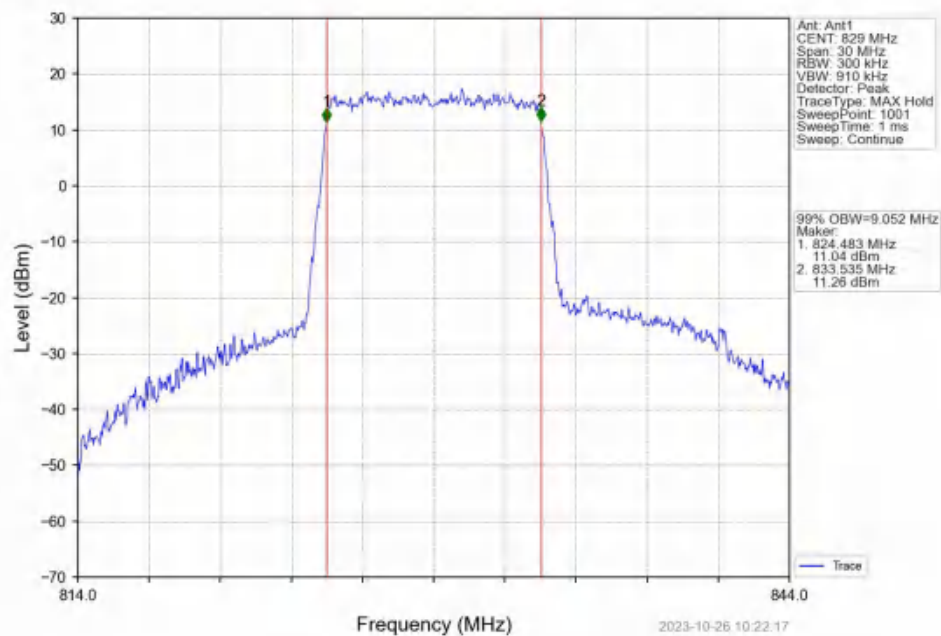
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



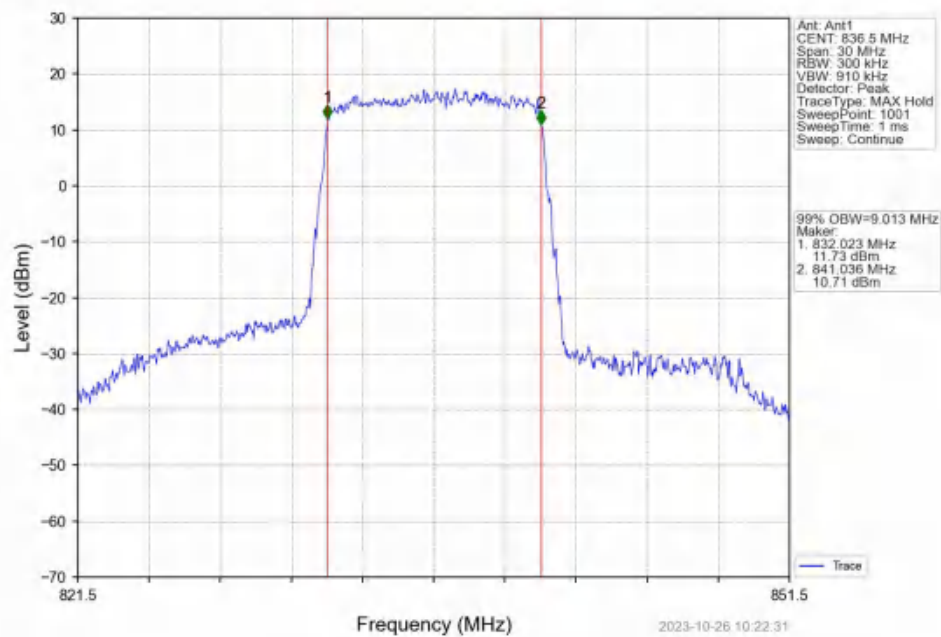
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



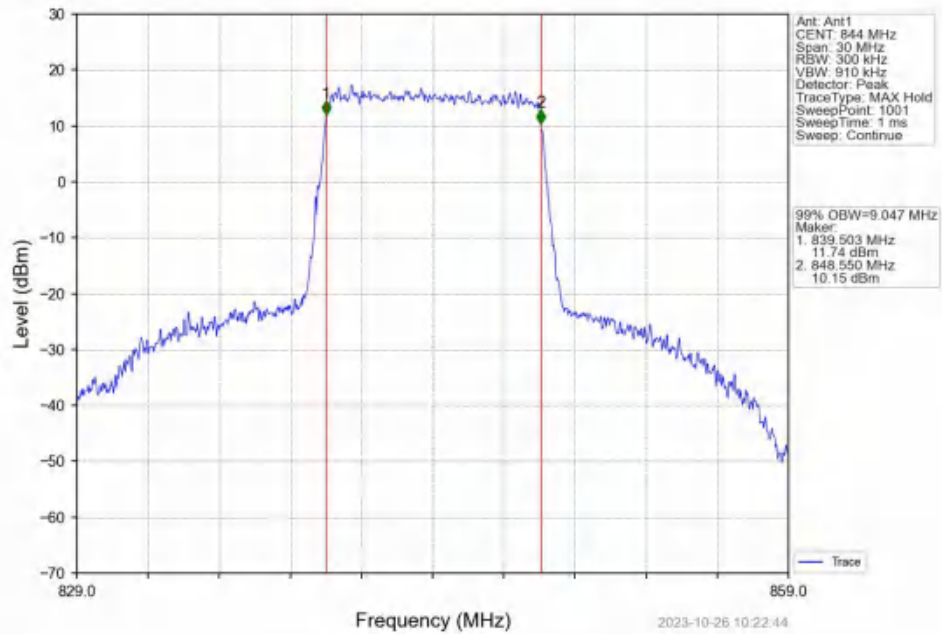
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



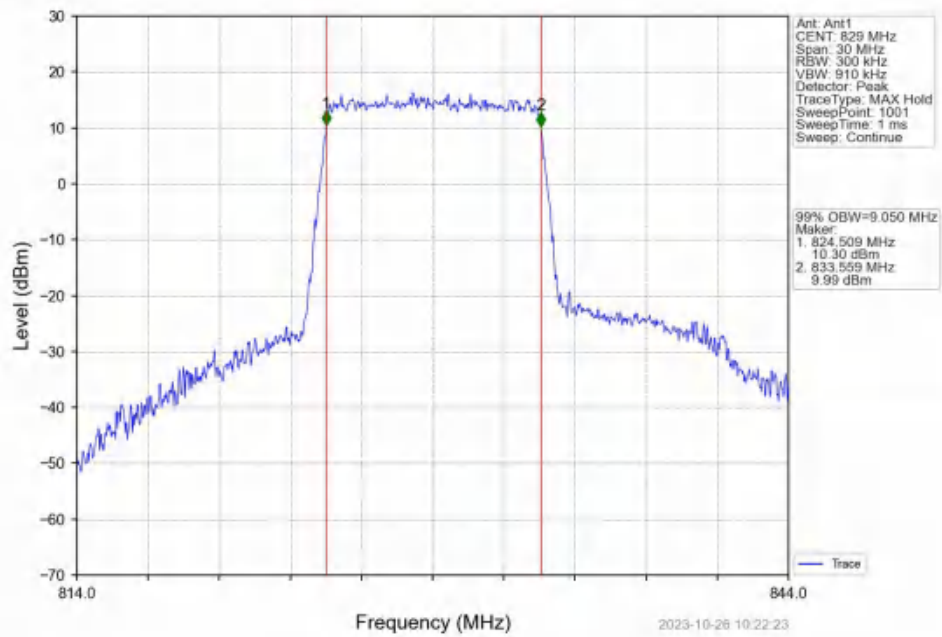
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



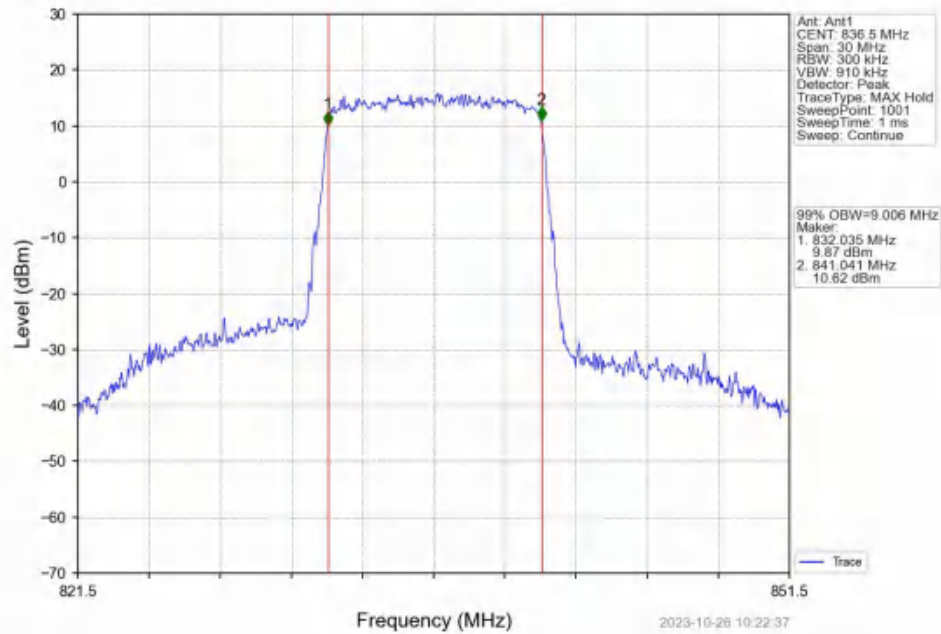
Band5_10MHz QPSK HCH 844MHz RB 50 0 NTN



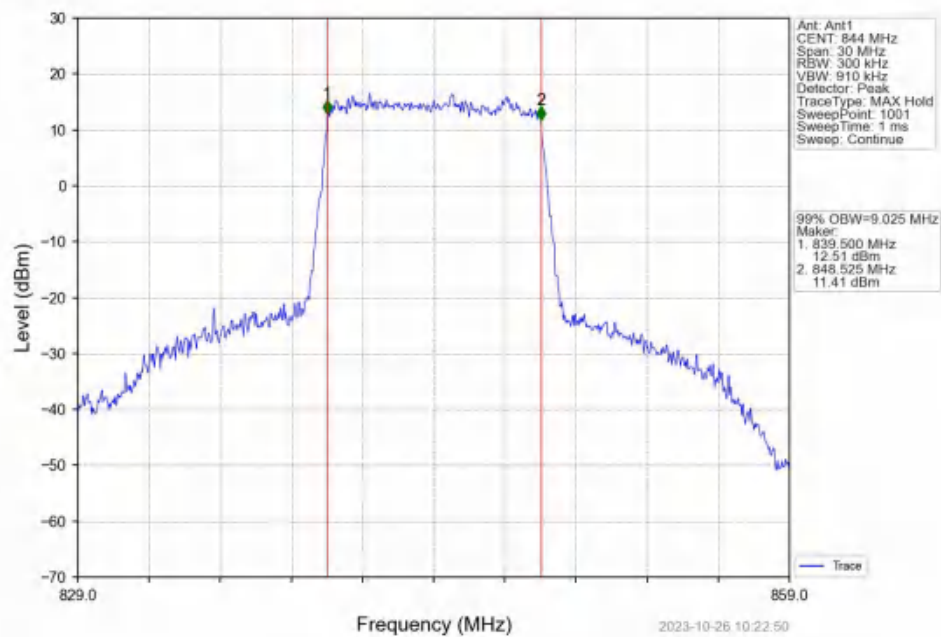
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0 NTN



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

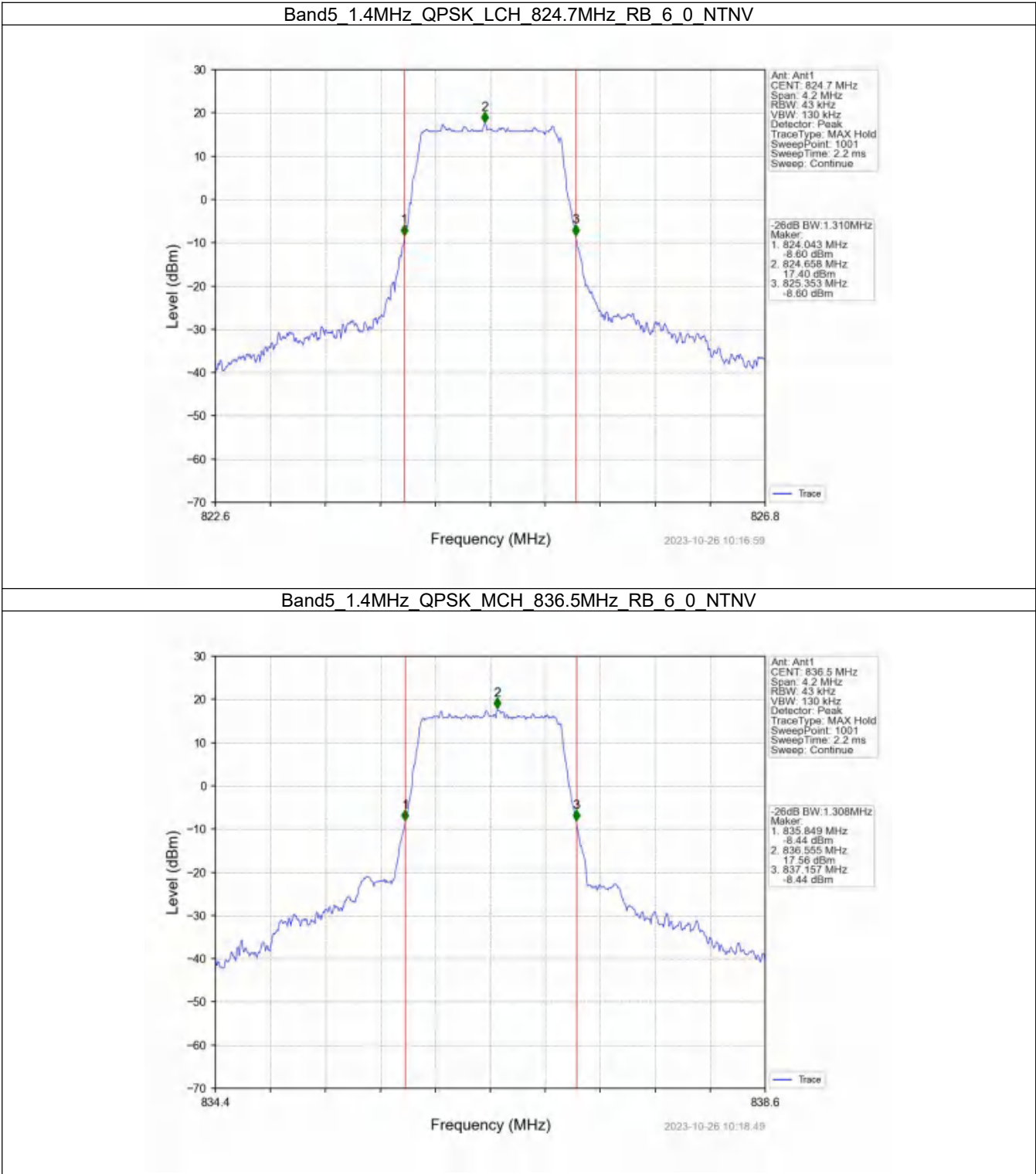


4.2 Band5_XDB

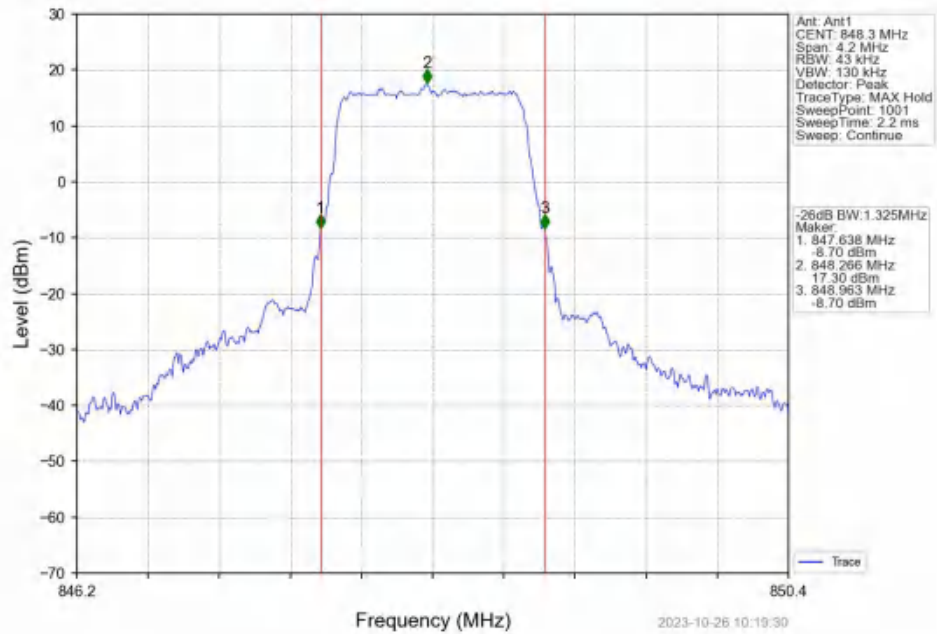
4.2.1 Test Result

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	1.310	/	Pass
		836.5	6	0	1.308	/	Pass
		848.3	6	0	1.325	/	Pass
	16QAM	824.7	6	0	1.312	/	Pass
		836.5	6	0	1.332	/	Pass
		848.3	6	0	1.317	/	Pass
3	QPSK	825.5	15	0	3.058	/	Pass
		836.5	15	0	3.030	/	Pass
		847.5	15	0	3.055	/	Pass
	16QAM	825.5	15	0	3.068	/	Pass
		836.5	15	0	3.062	/	Pass
		847.5	15	0	3.072	/	Pass
5	QPSK	826.5	25	0	5.091	/	Pass
		836.5	25	0	5.063	/	Pass
		846.5	25	0	5.105	/	Pass
	16QAM	826.5	25	0	5.128	/	Pass
		836.5	25	0	5.079	/	Pass
		846.5	25	0	5.055	/	Pass
10	QPSK	829	50	0	10.119	/	Pass
		836.5	50	0	10.020	/	Pass
		844	50	0	10.033	/	Pass
	16QAM	829	50	0	10.086	/	Pass
		836.5	50	0	10.122	/	Pass
		844	50	0	10.018	/	Pass

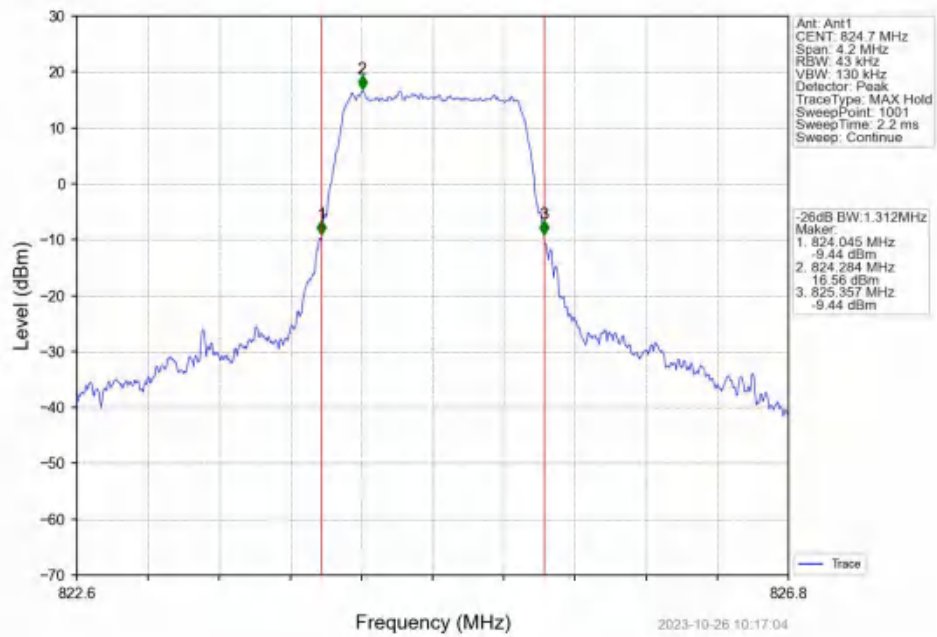
4.2.2 Test Graph



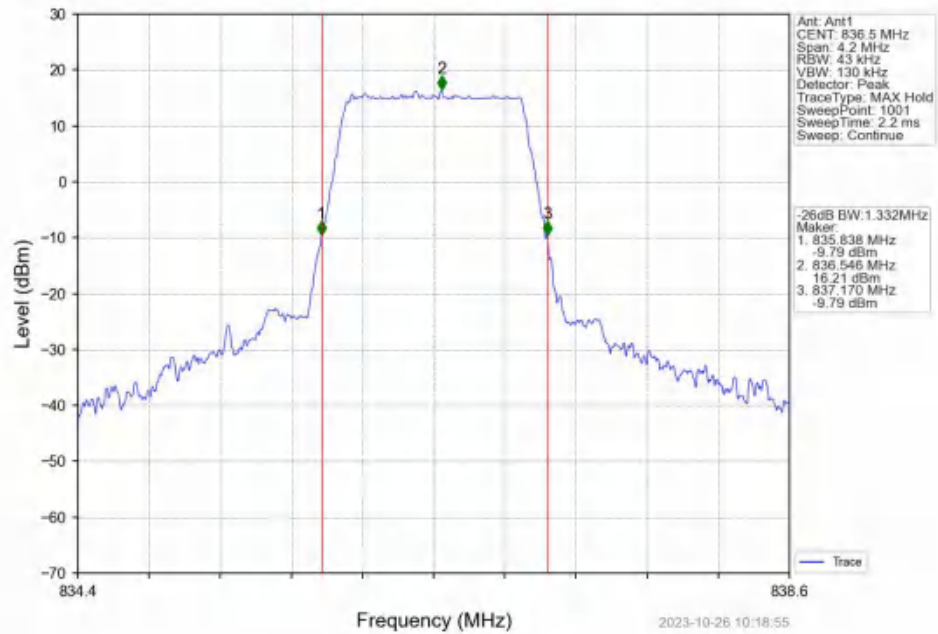
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



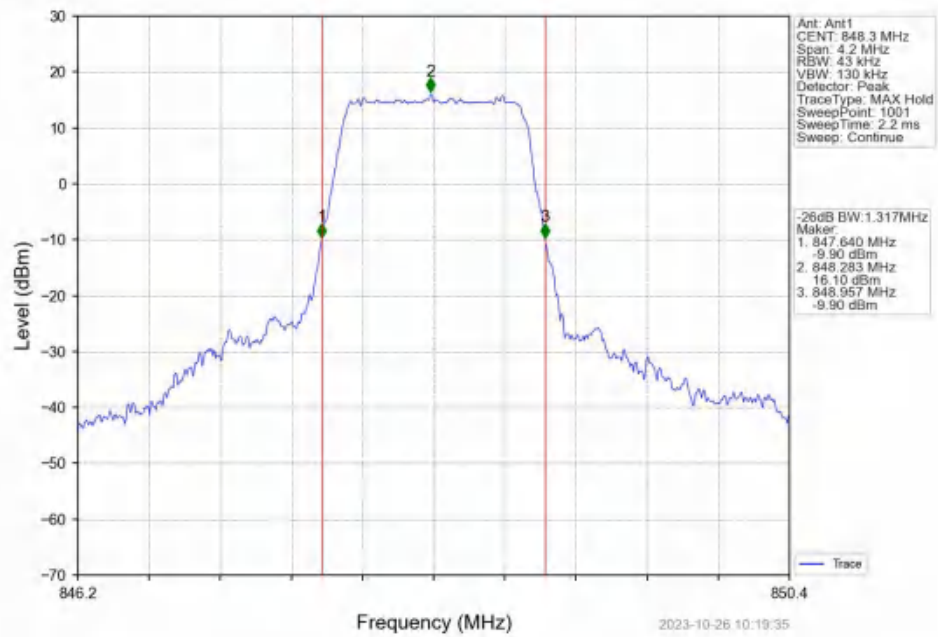
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



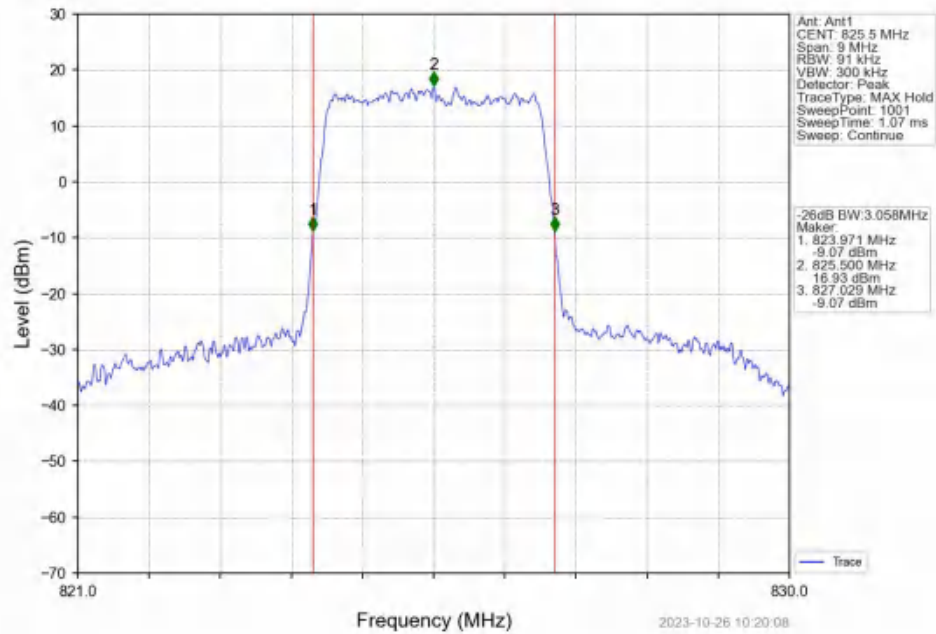
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



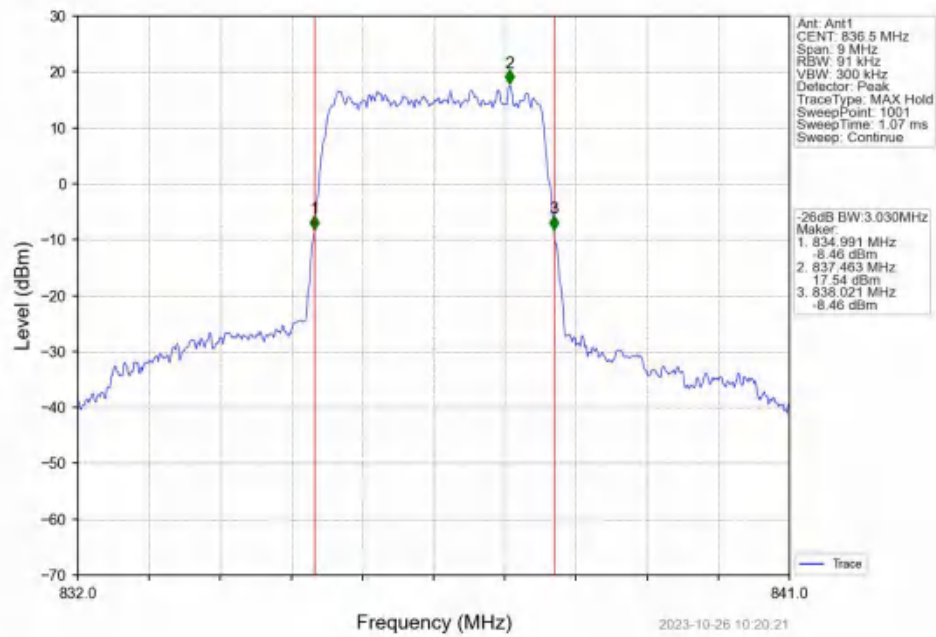
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



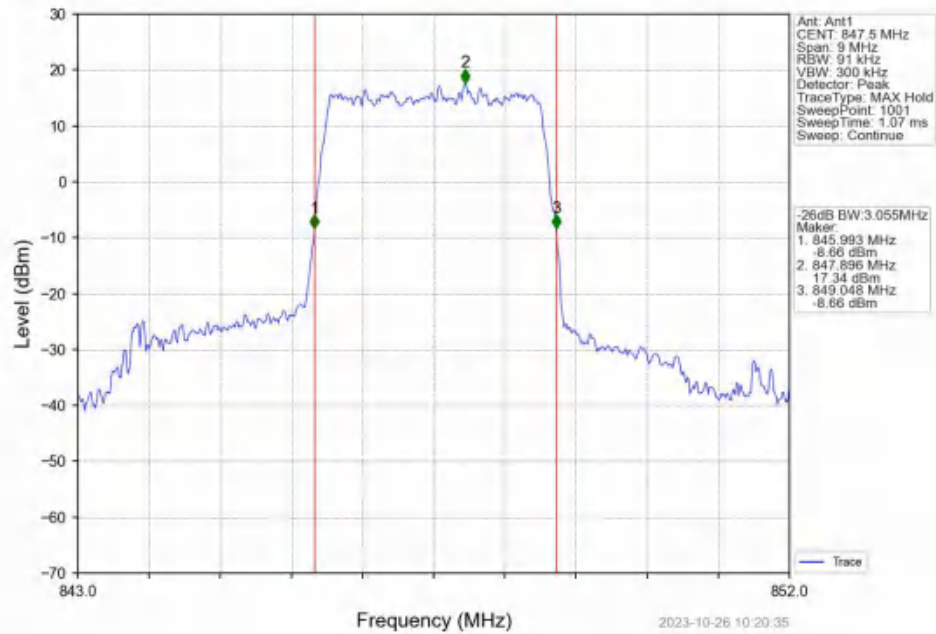
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



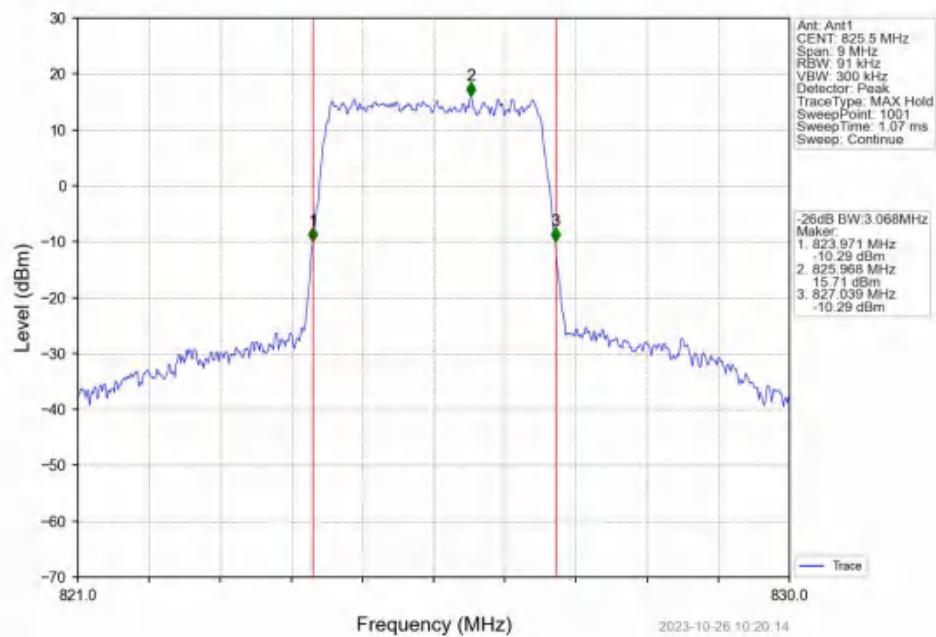
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



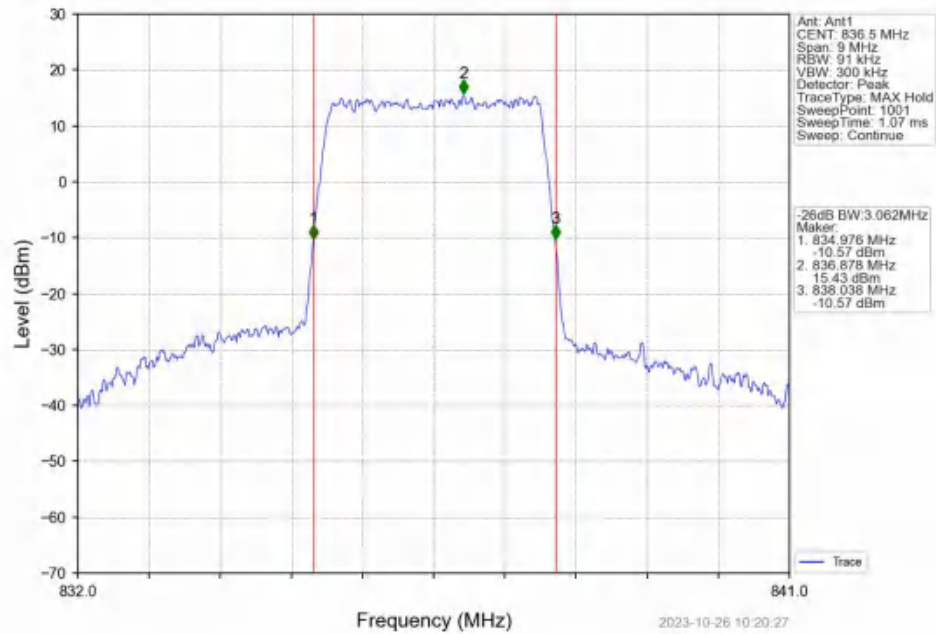
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



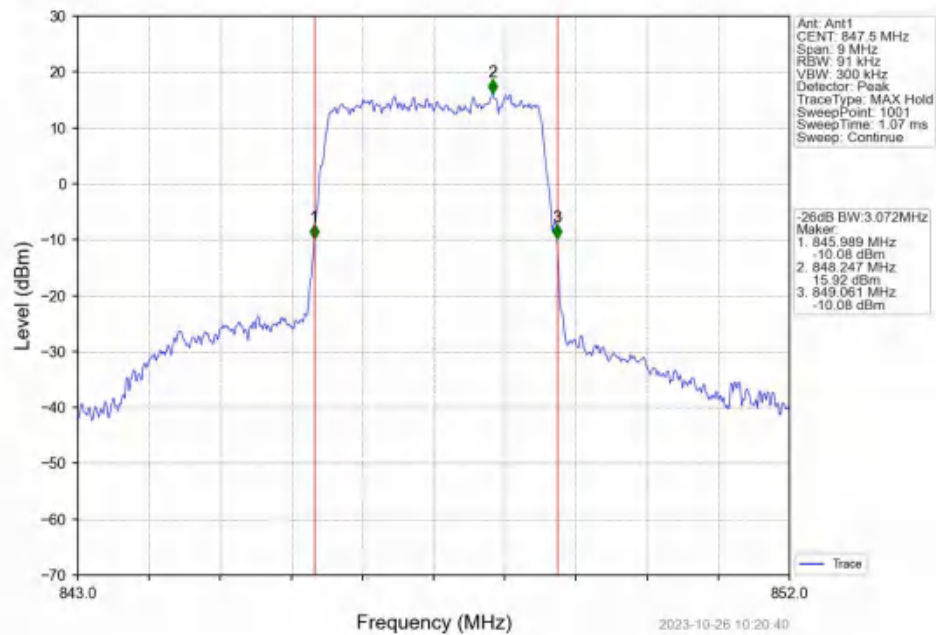
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0 NTN



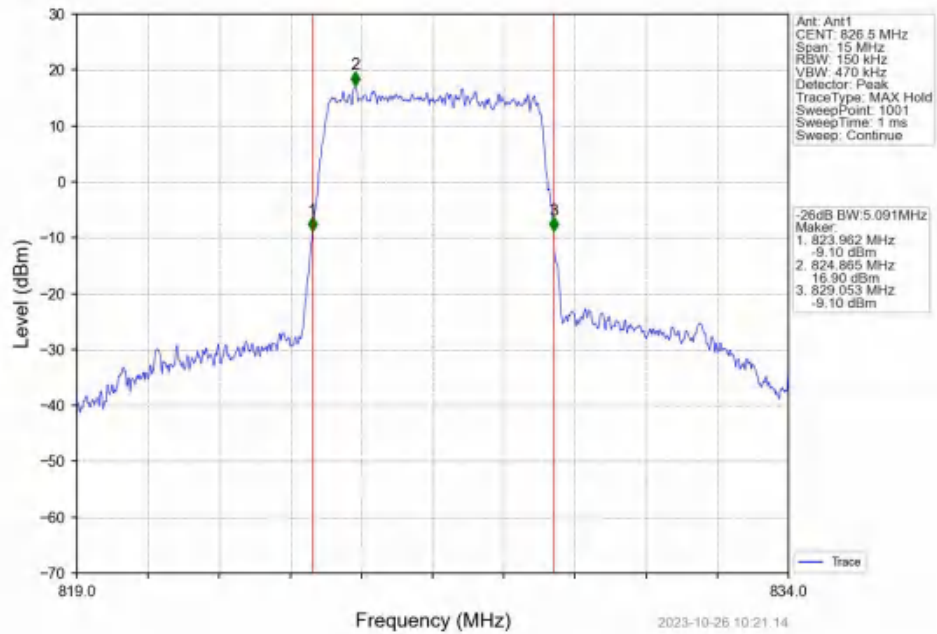
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



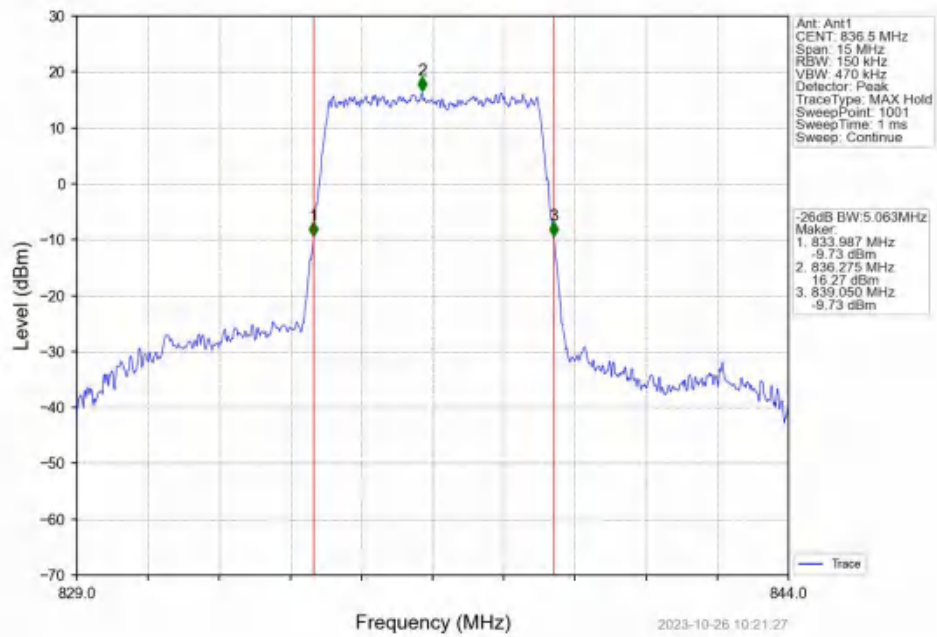
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



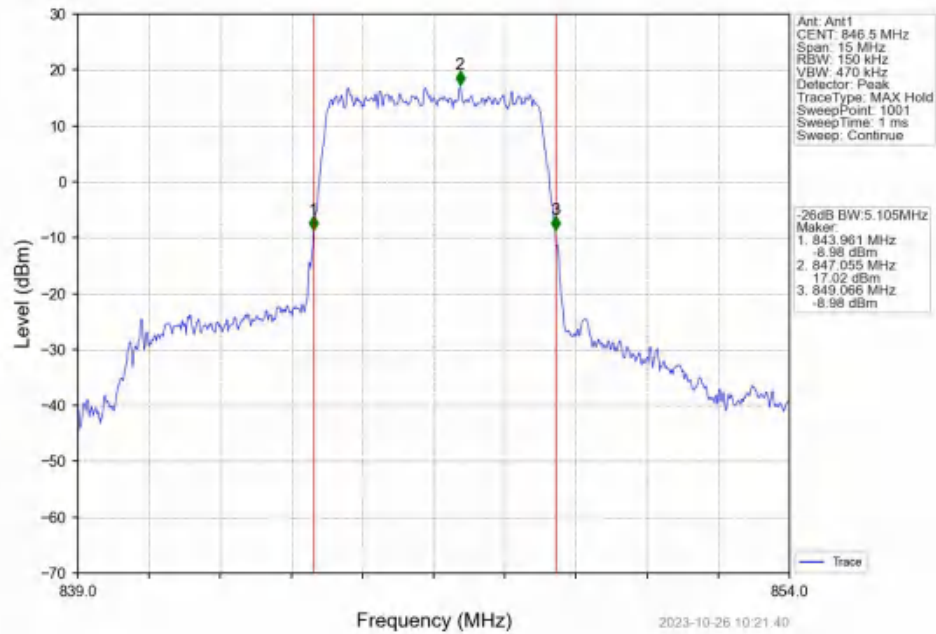
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



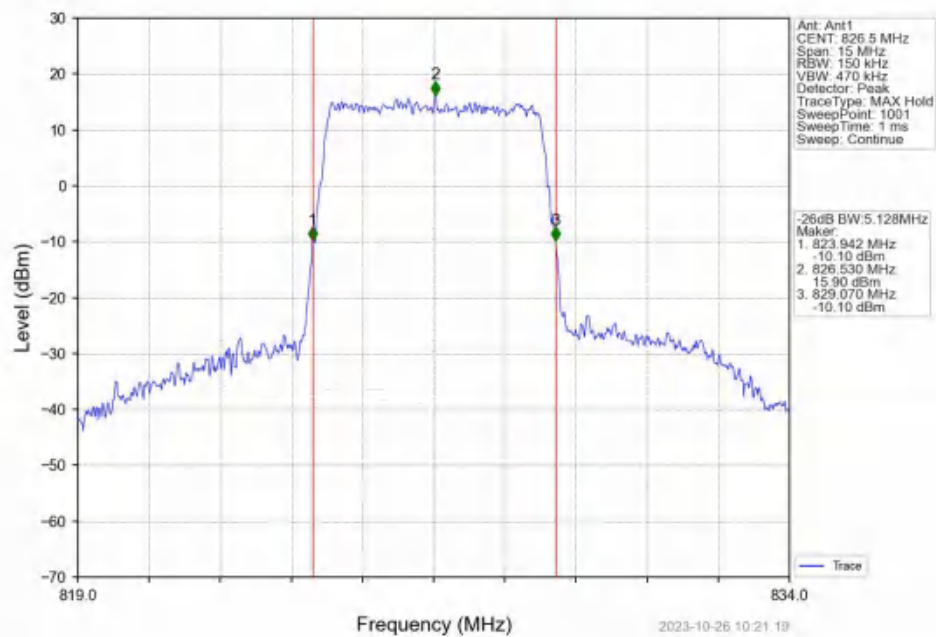
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



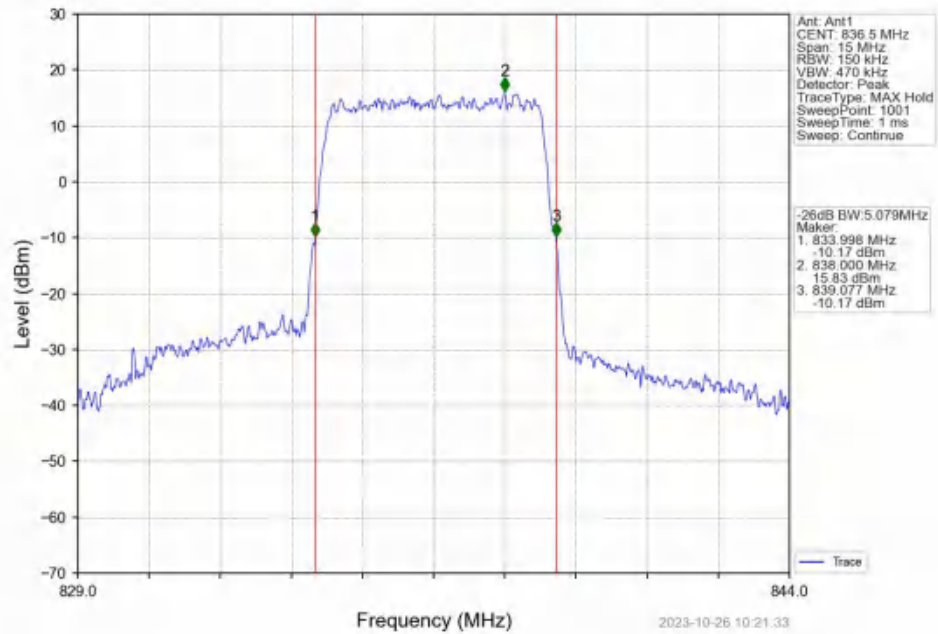
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



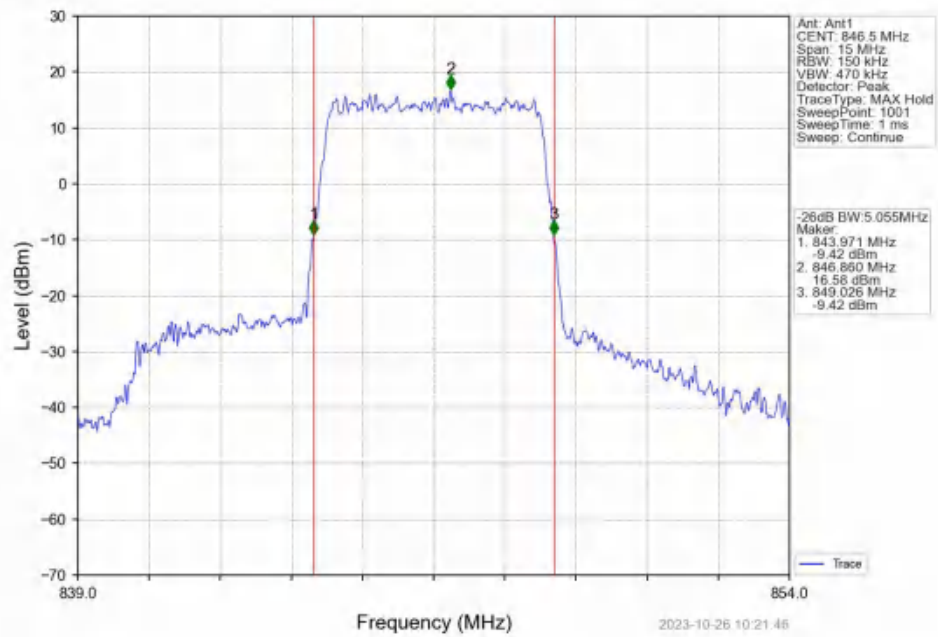
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



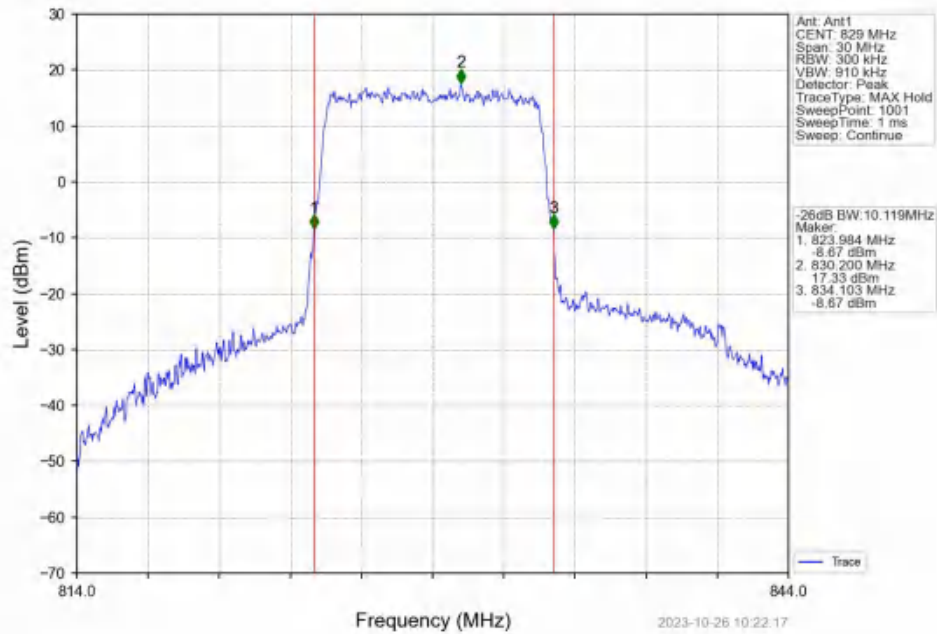
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



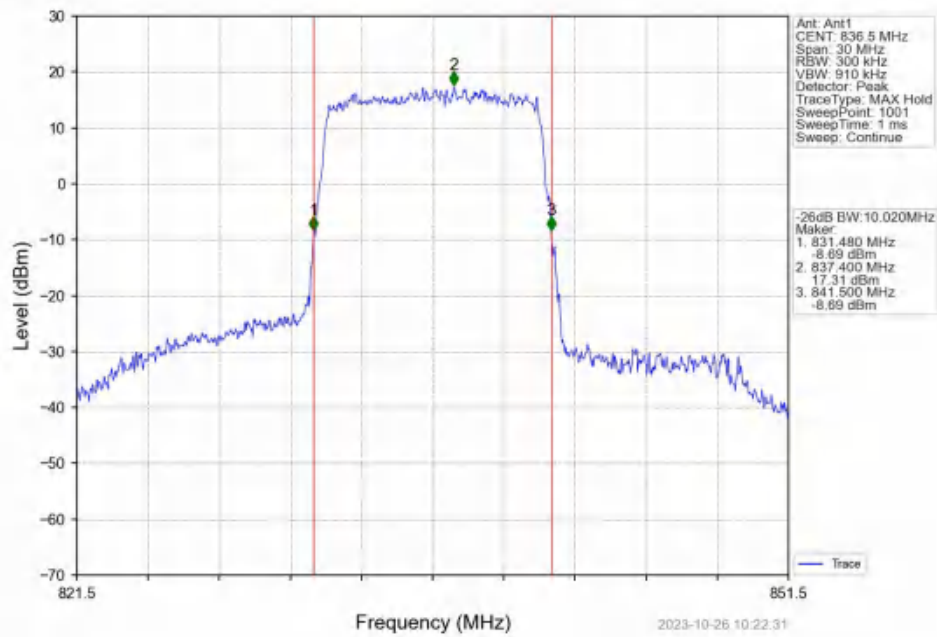
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



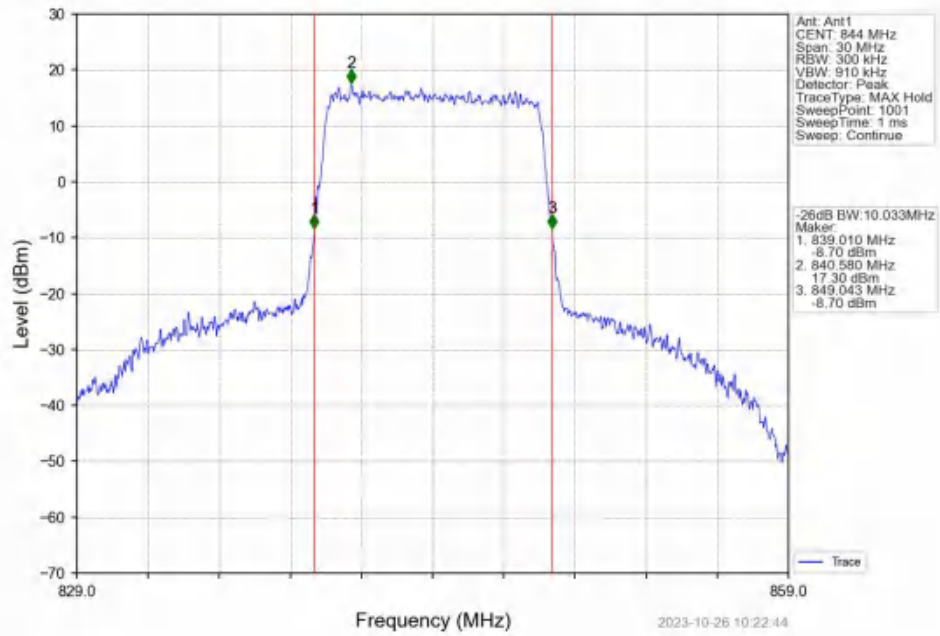
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



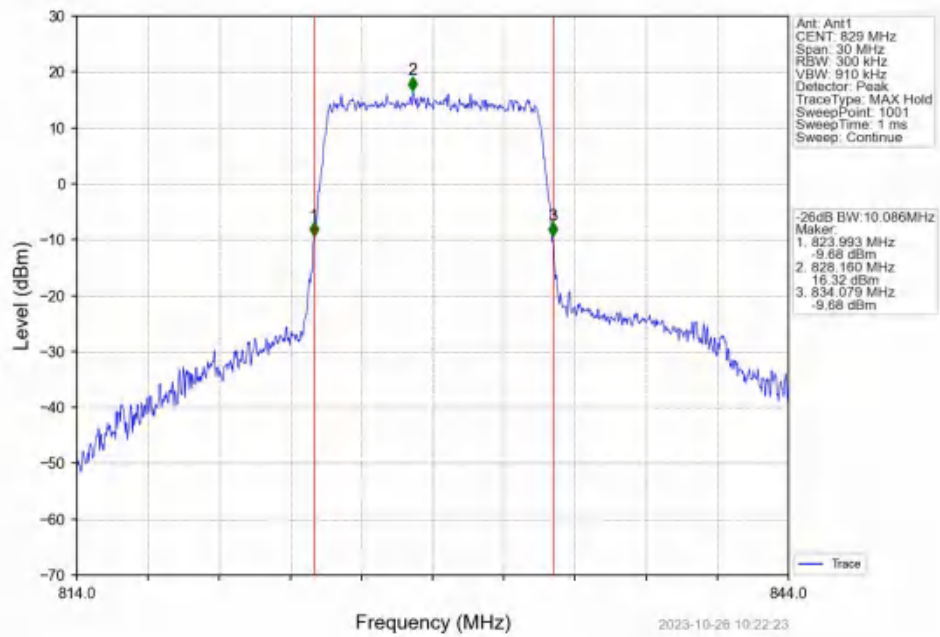
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



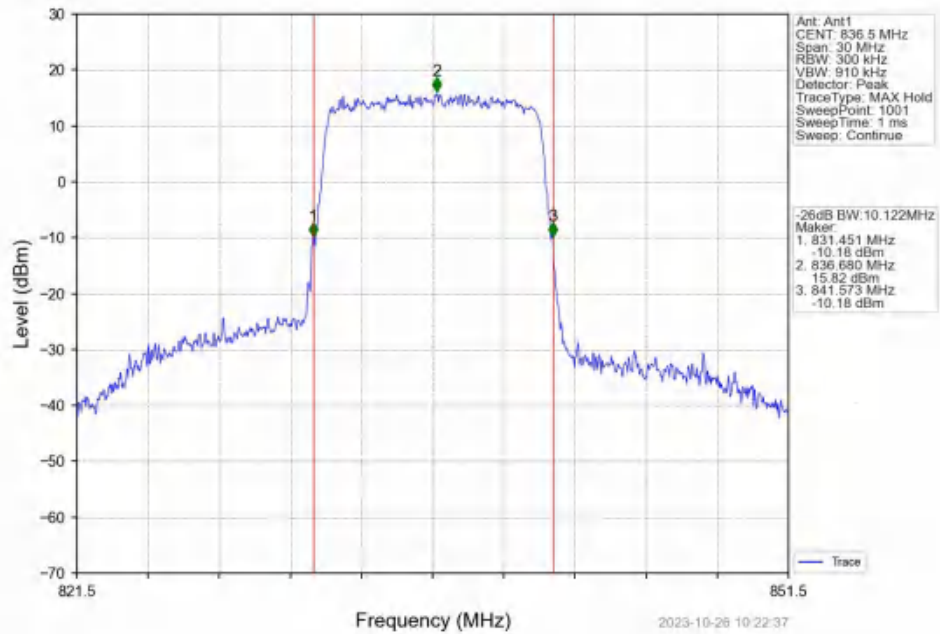
Band5_10MHz QPSK HCH 844MHz RB 50 0 NTN



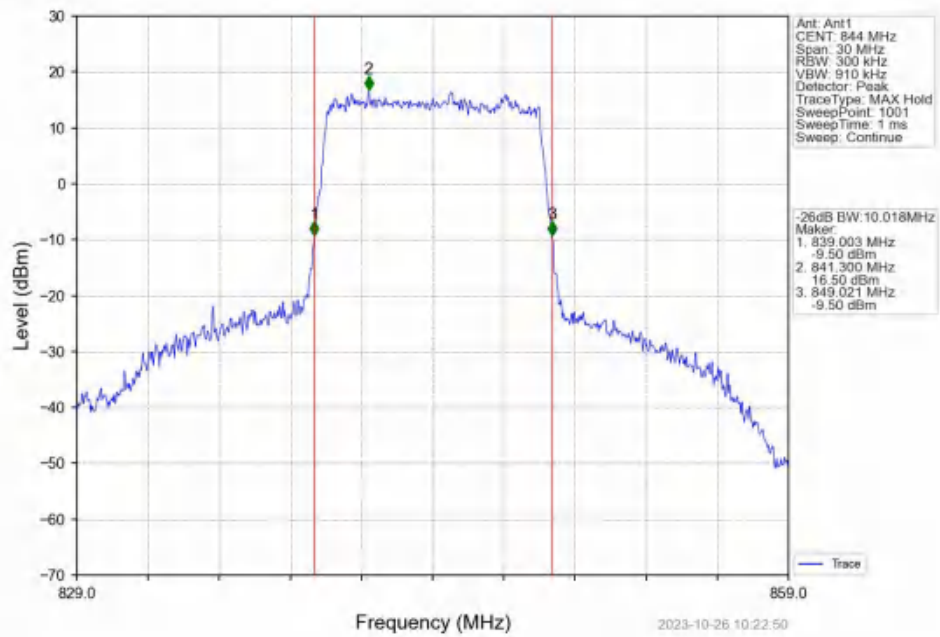
Band5_10MHz_16QAM_LCH 829MHz RB 50 0 NTN



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



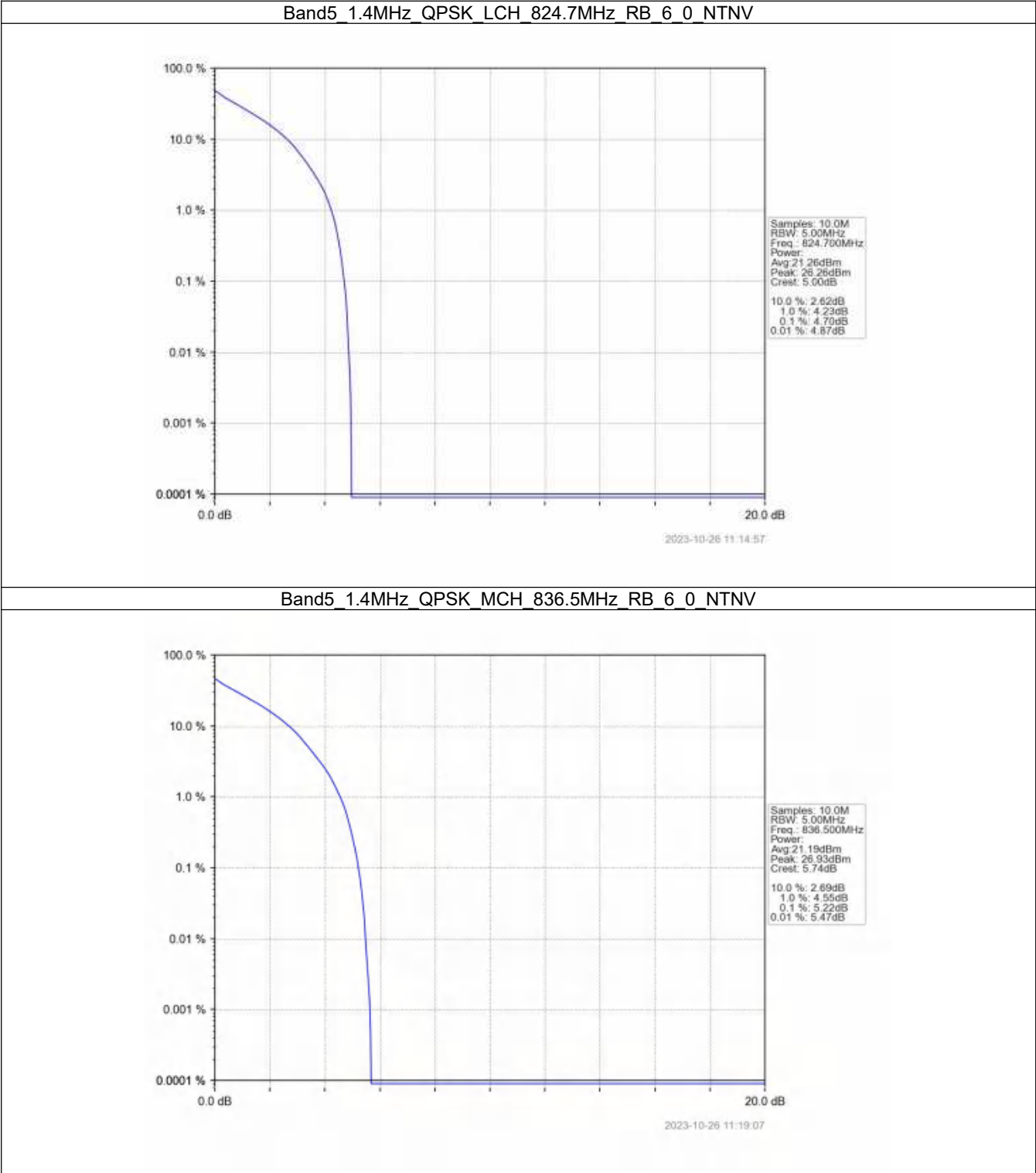
5. Peak-Average Ratio

5.1 B5_1.4MHz

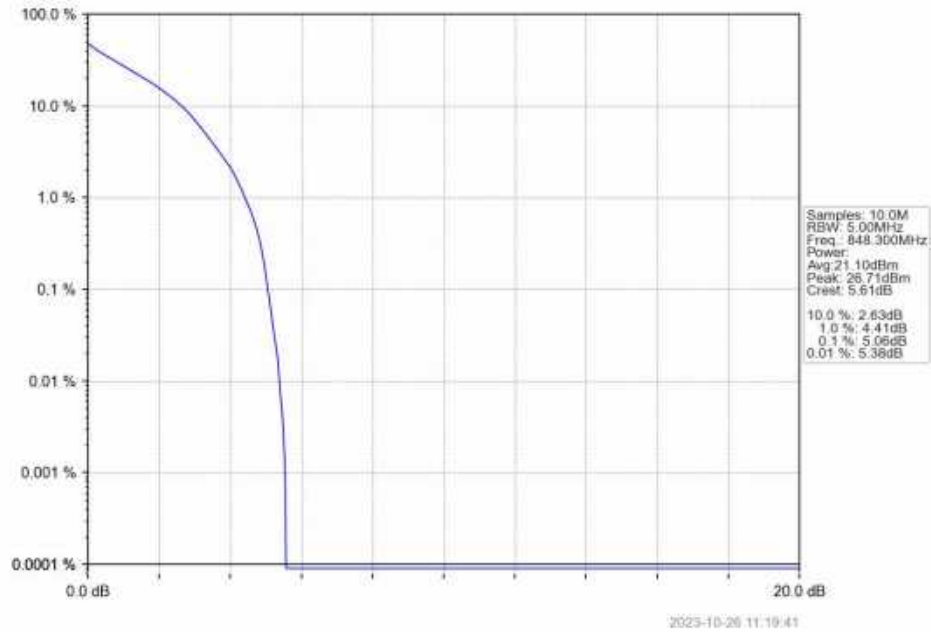
5.1.1 Test Result

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	4.70	<=13	Pass
	836.5	6	0	5.22	<=13	Pass
	848.3	6	0	5.06	<=13	Pass
16QAM	824.7	6	0	5.55	<=13	Pass
	836.5	6	0	6.01	<=13	Pass
	848.3	6	0	5.90	<=13	Pass

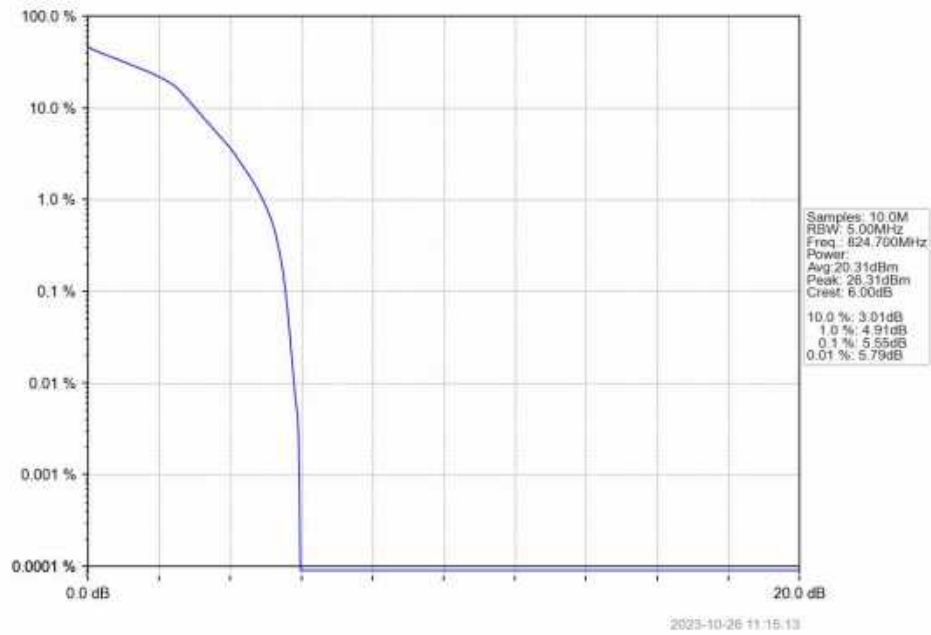
5.1.2 Test Graph



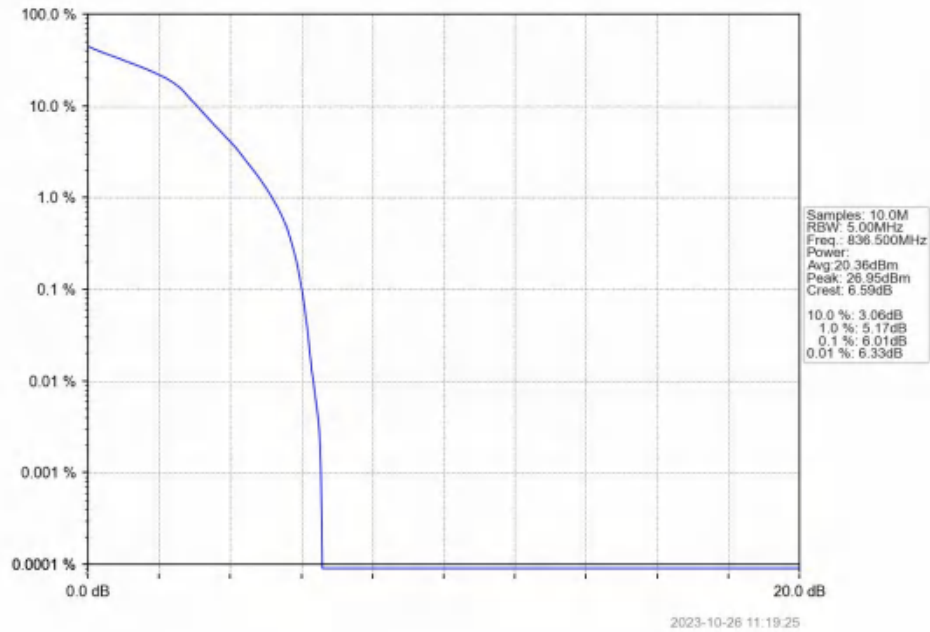
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



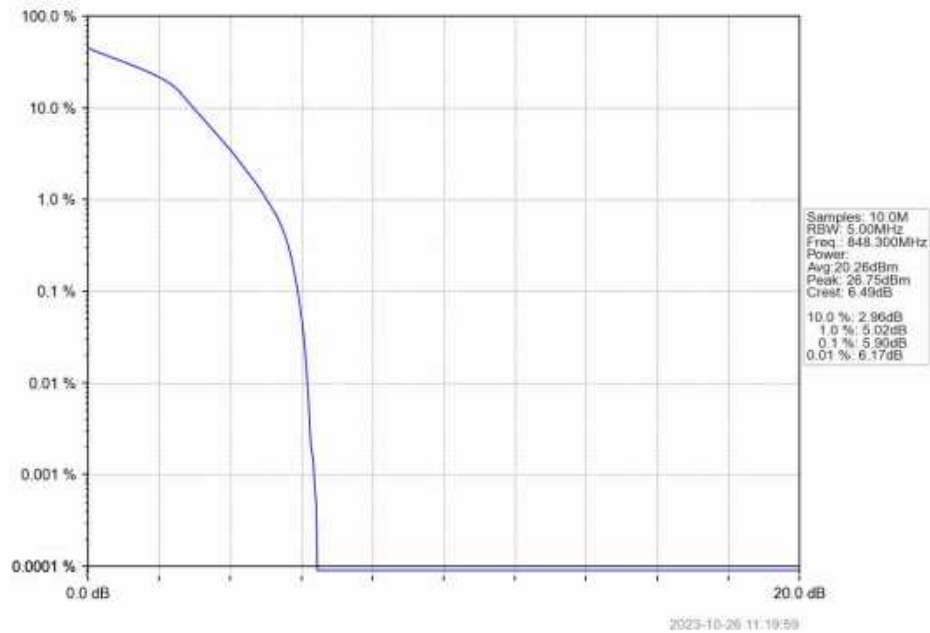
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

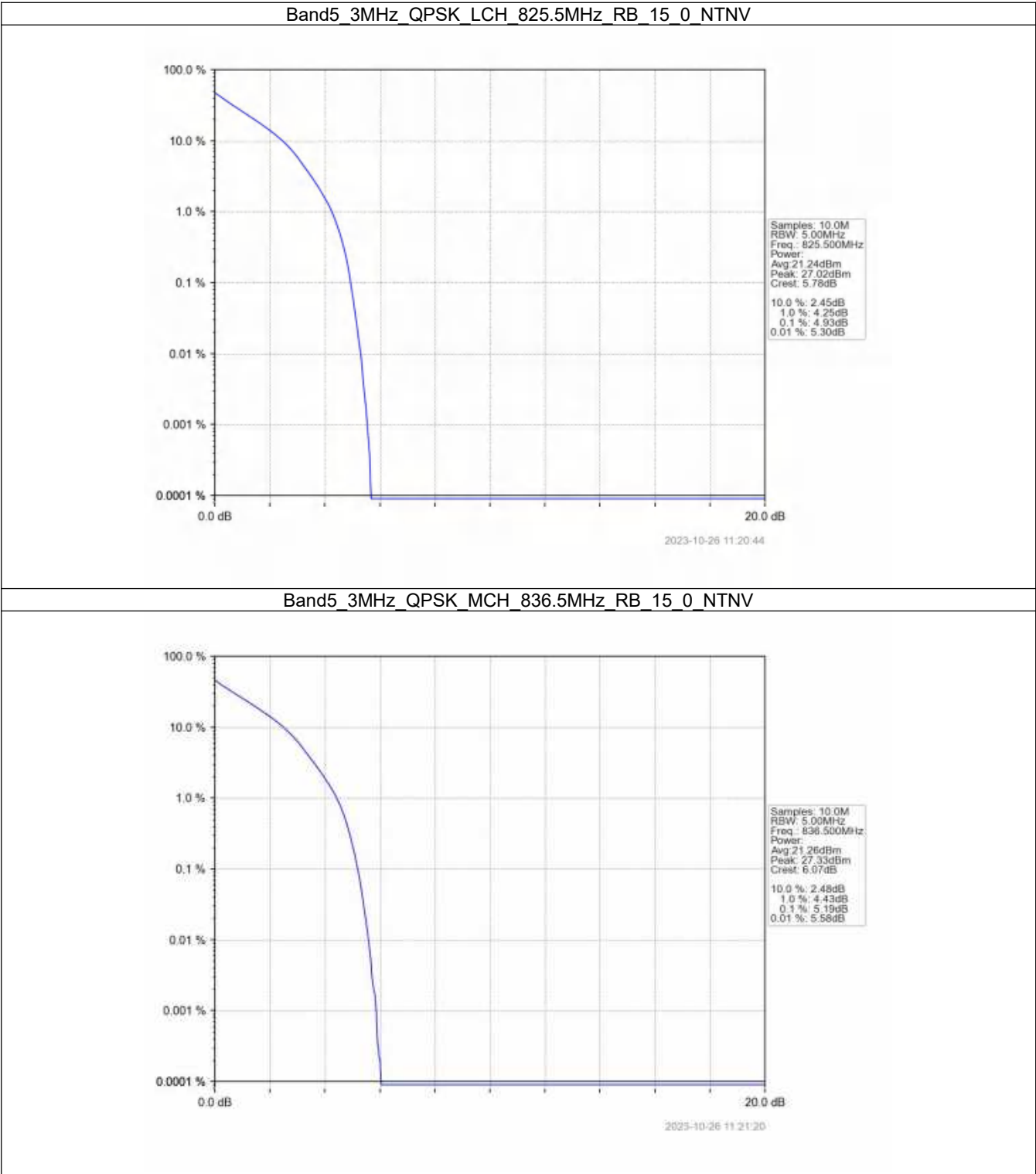


5.2 B5_3MHz

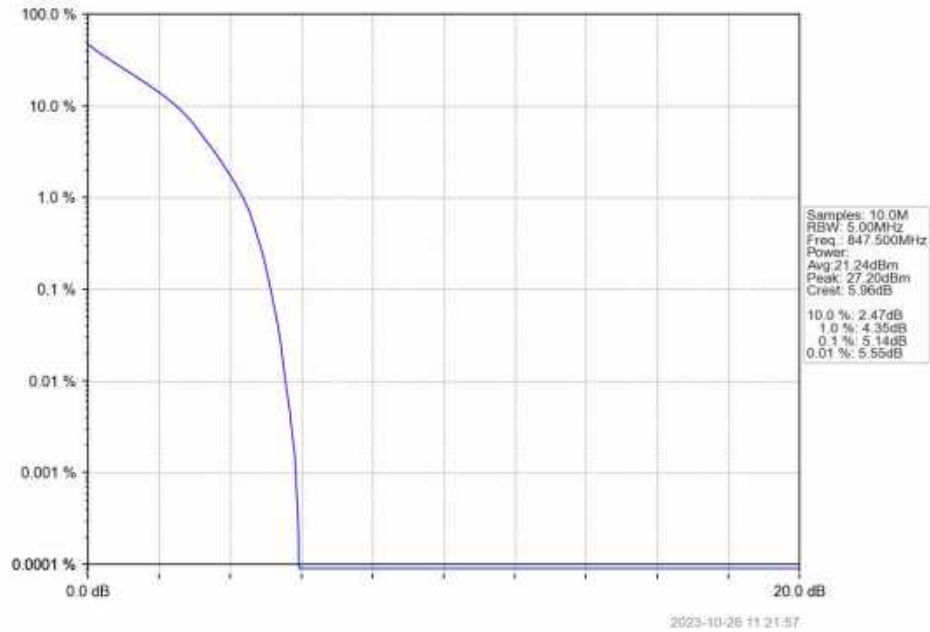
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.93	<=13	Pass
	836.5	15	0	5.19	<=13	Pass
	847.5	15	0	5.14	<=13	Pass
16QAM	825.5	15	0	5.73	<=13	Pass
	836.5	15	0	6.07	<=13	Pass
	847.5	15	0	5.96	<=13	Pass

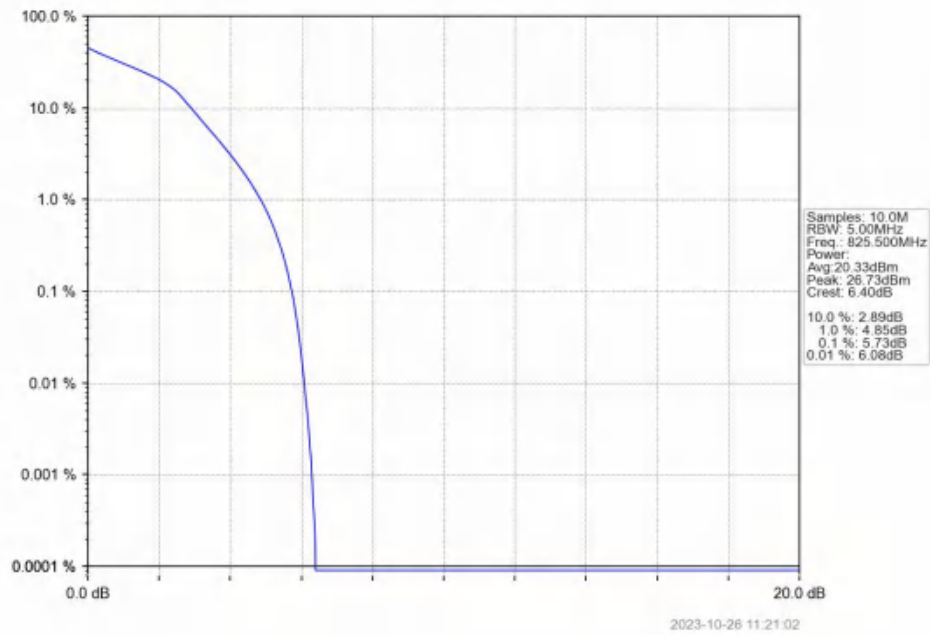
5.2.2 Test Graph



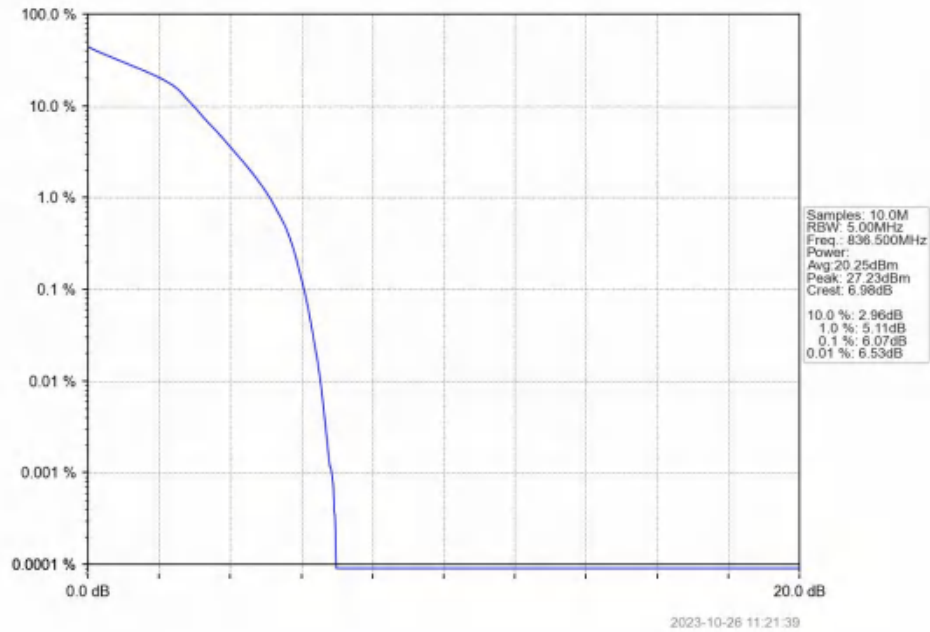
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



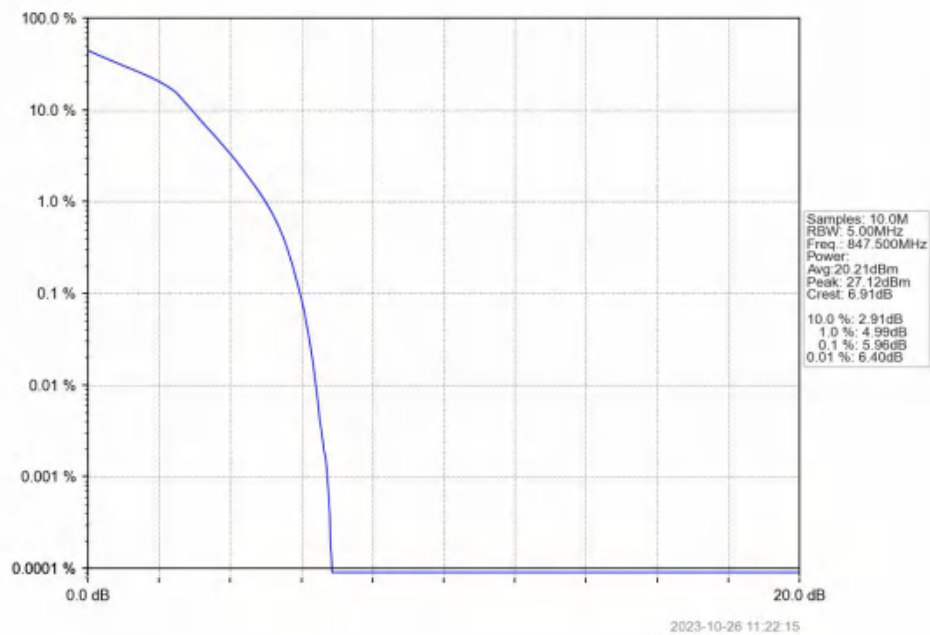
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

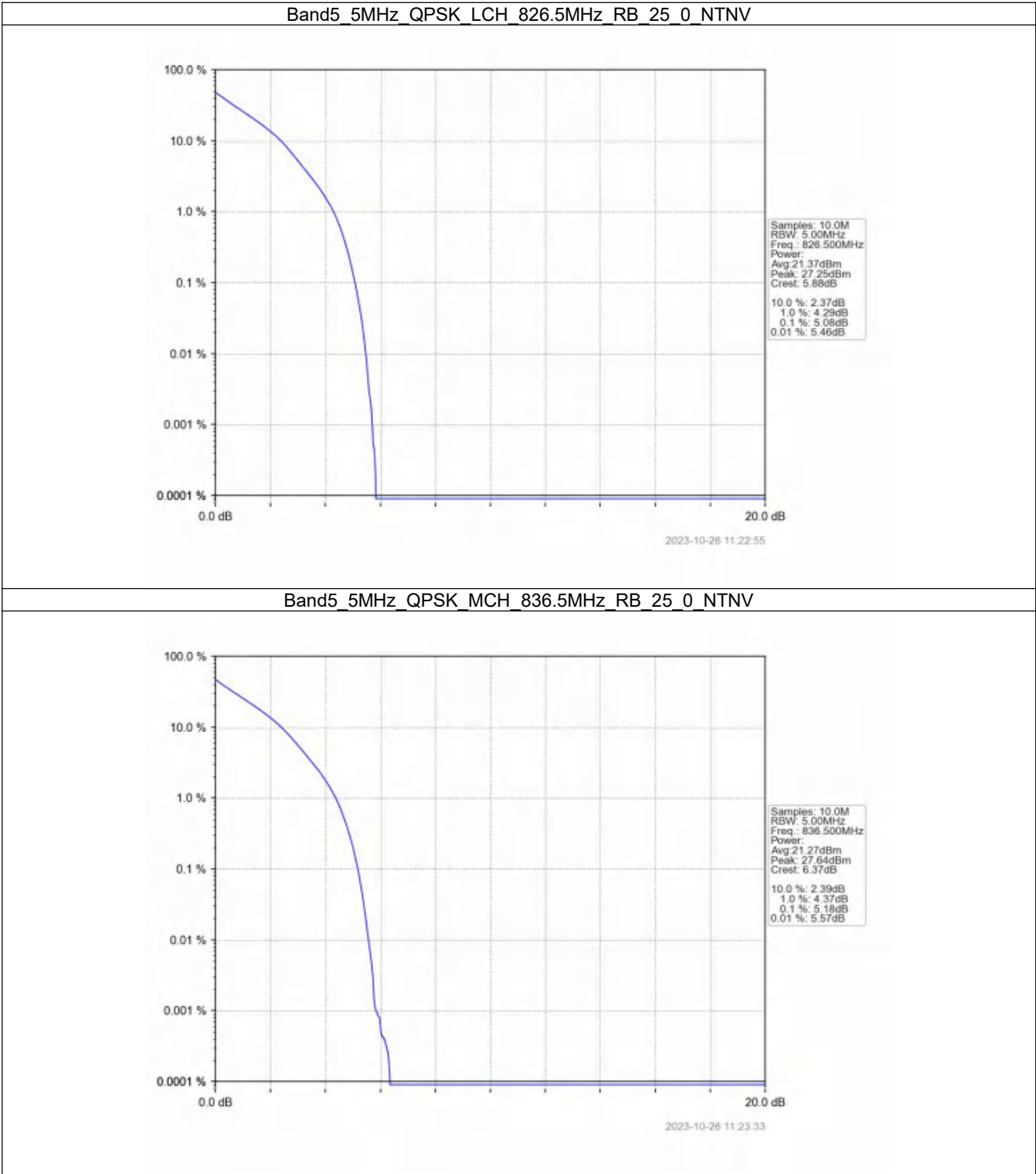


5.3 B5_5MHz

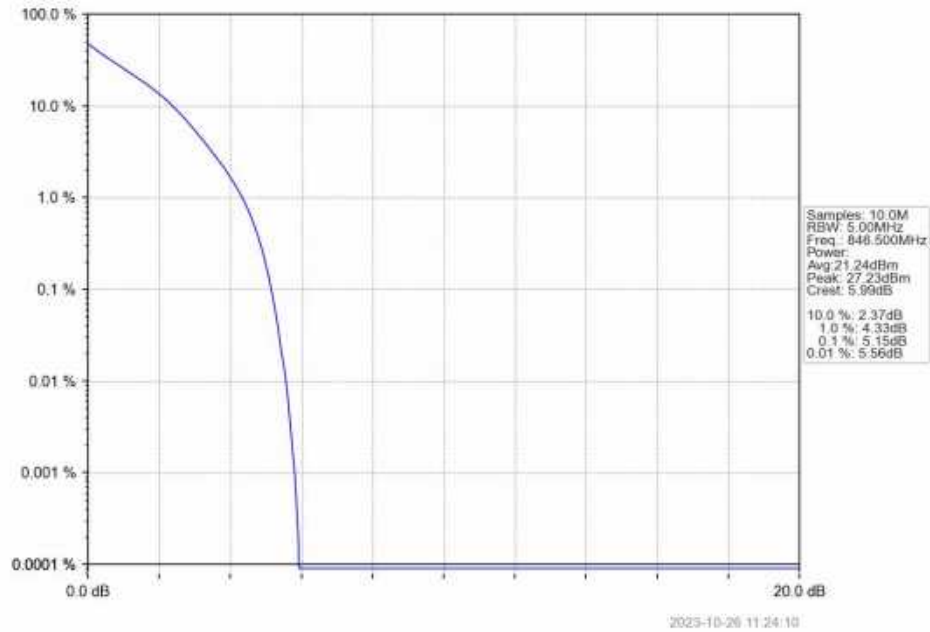
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.08	<=13	Pass
	836.5	25	0	5.18	<=13	Pass
	846.5	25	0	5.15	<=13	Pass
16QAM	826.5	25	0	5.85	<=13	Pass
	836.5	25	0	5.98	<=13	Pass
	846.5	25	0	5.91	<=13	Pass

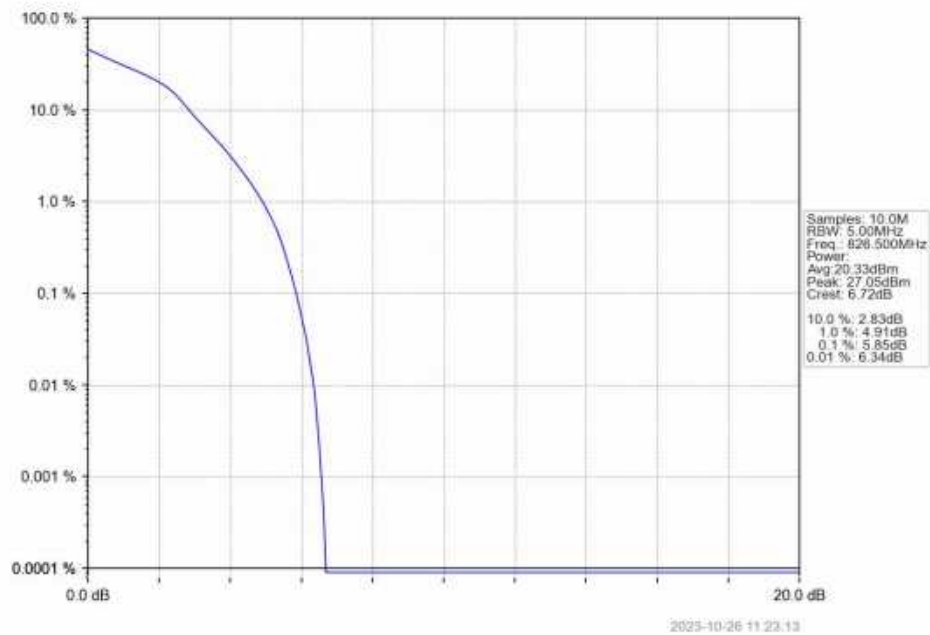
5.3.2 Test Graph



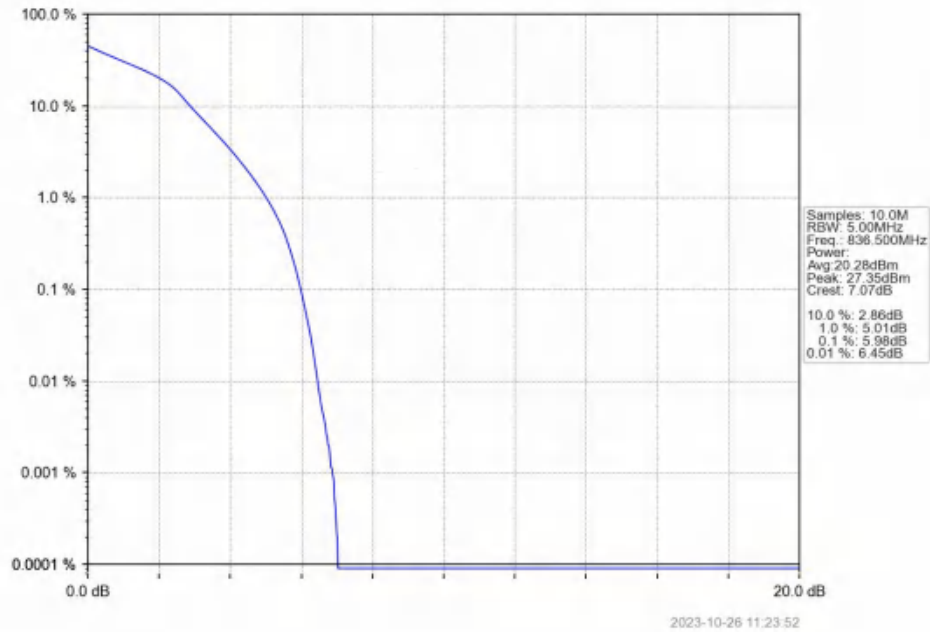
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



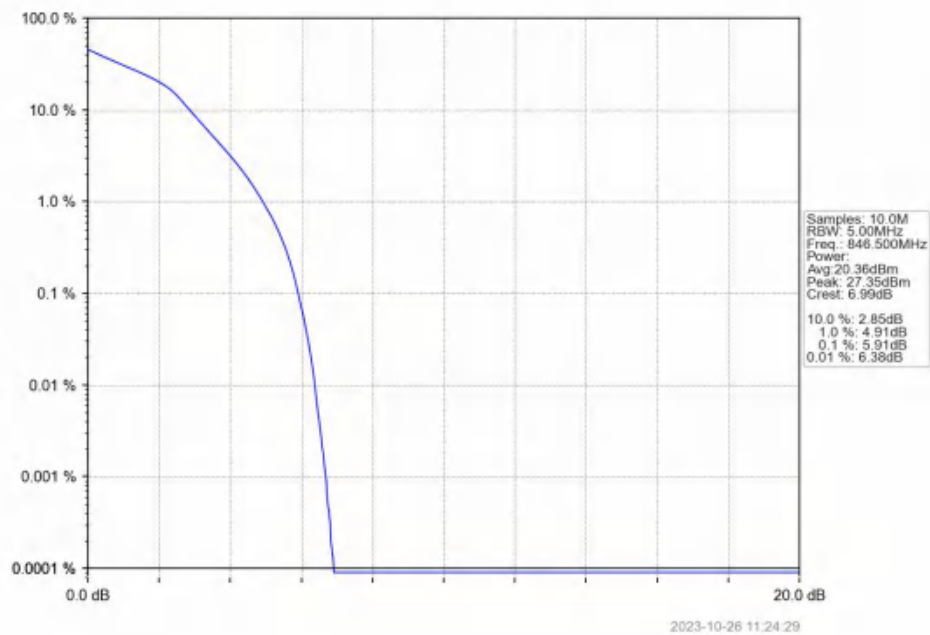
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

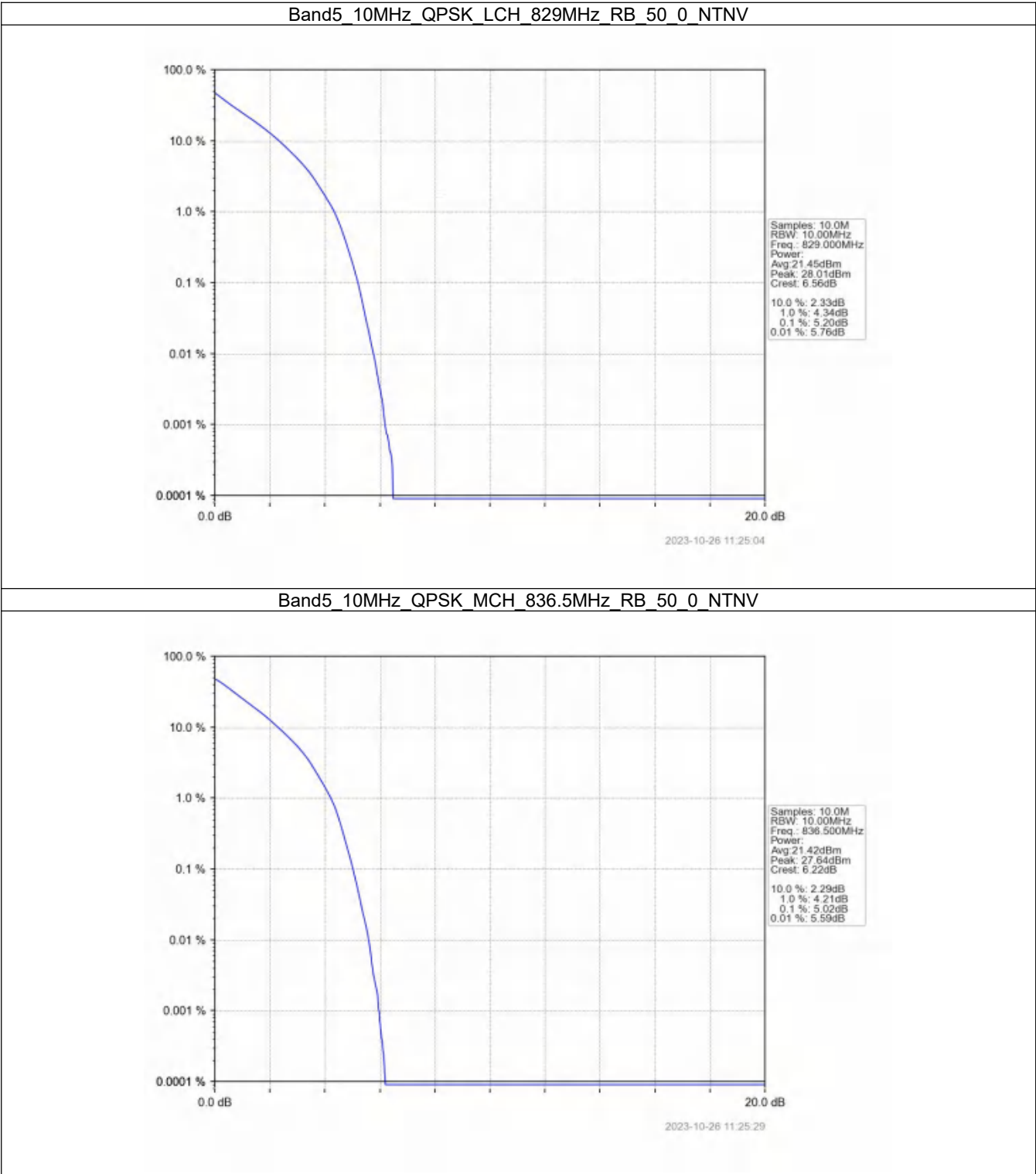


5.4 B5_10MHz

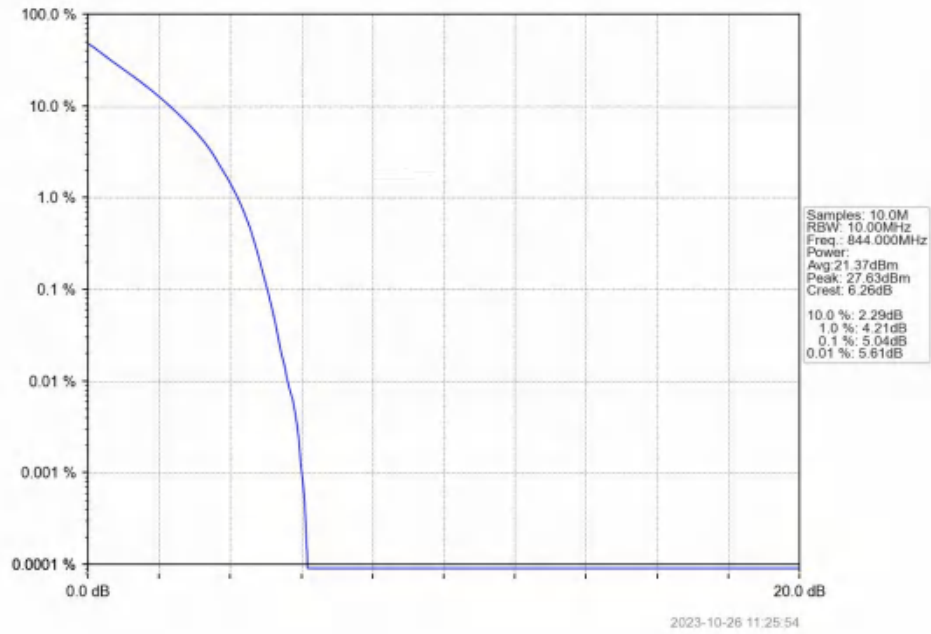
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.20	<=13	Pass
	836.5	50	0	5.02	<=13	Pass
	844	50	0	5.04	<=13	Pass
16QAM	829	50	0	5.97	<=13	Pass
	836.5	50	0	5.89	<=13	Pass
	844	50	0	5.77	<=13	Pass

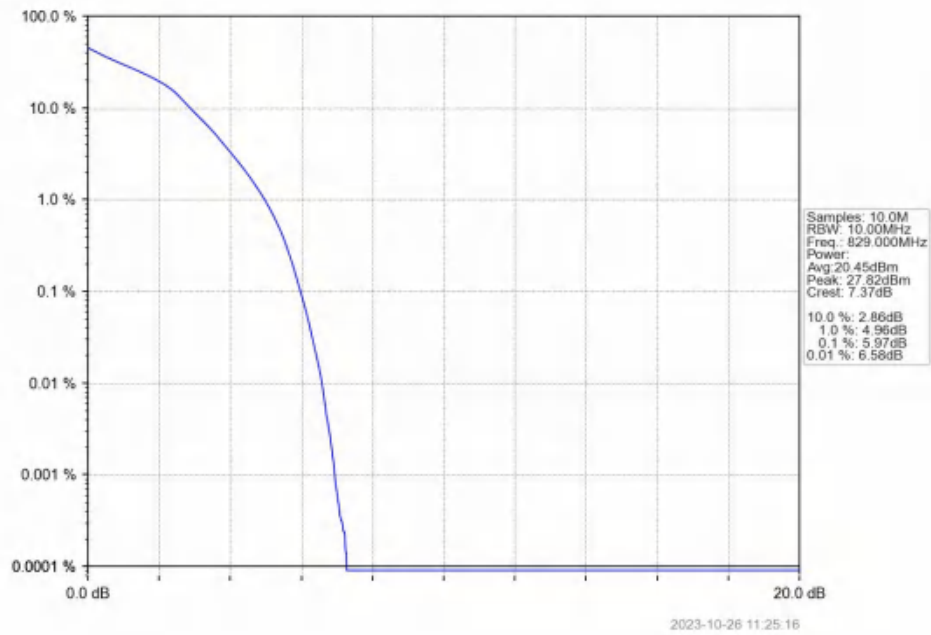
5.4.2 Test Graph



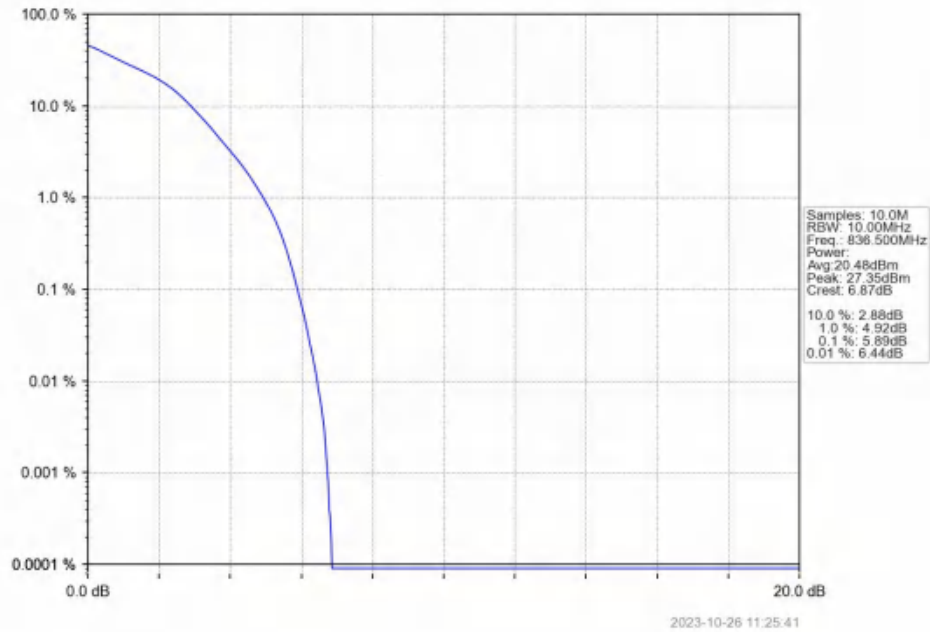
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



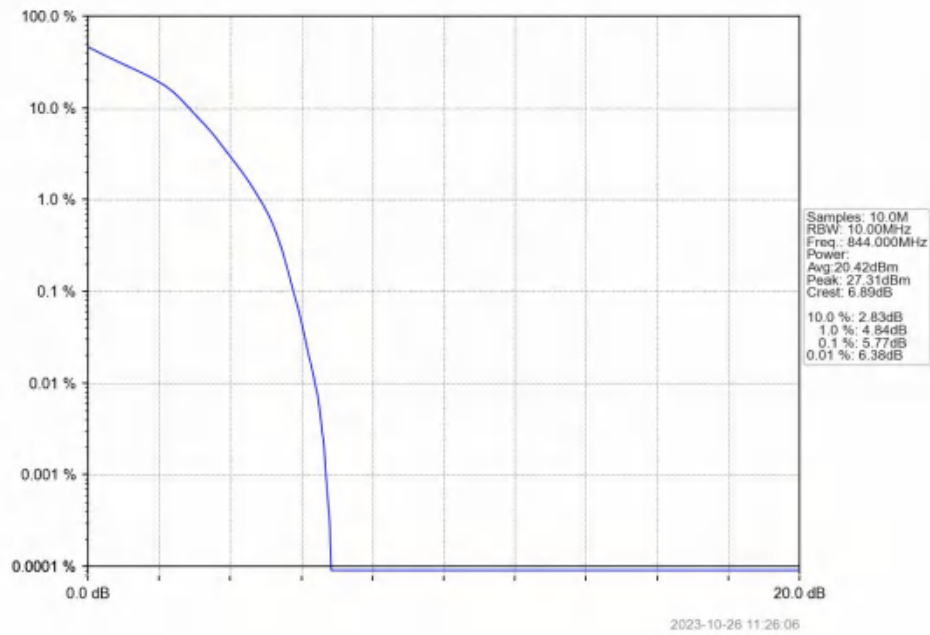
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



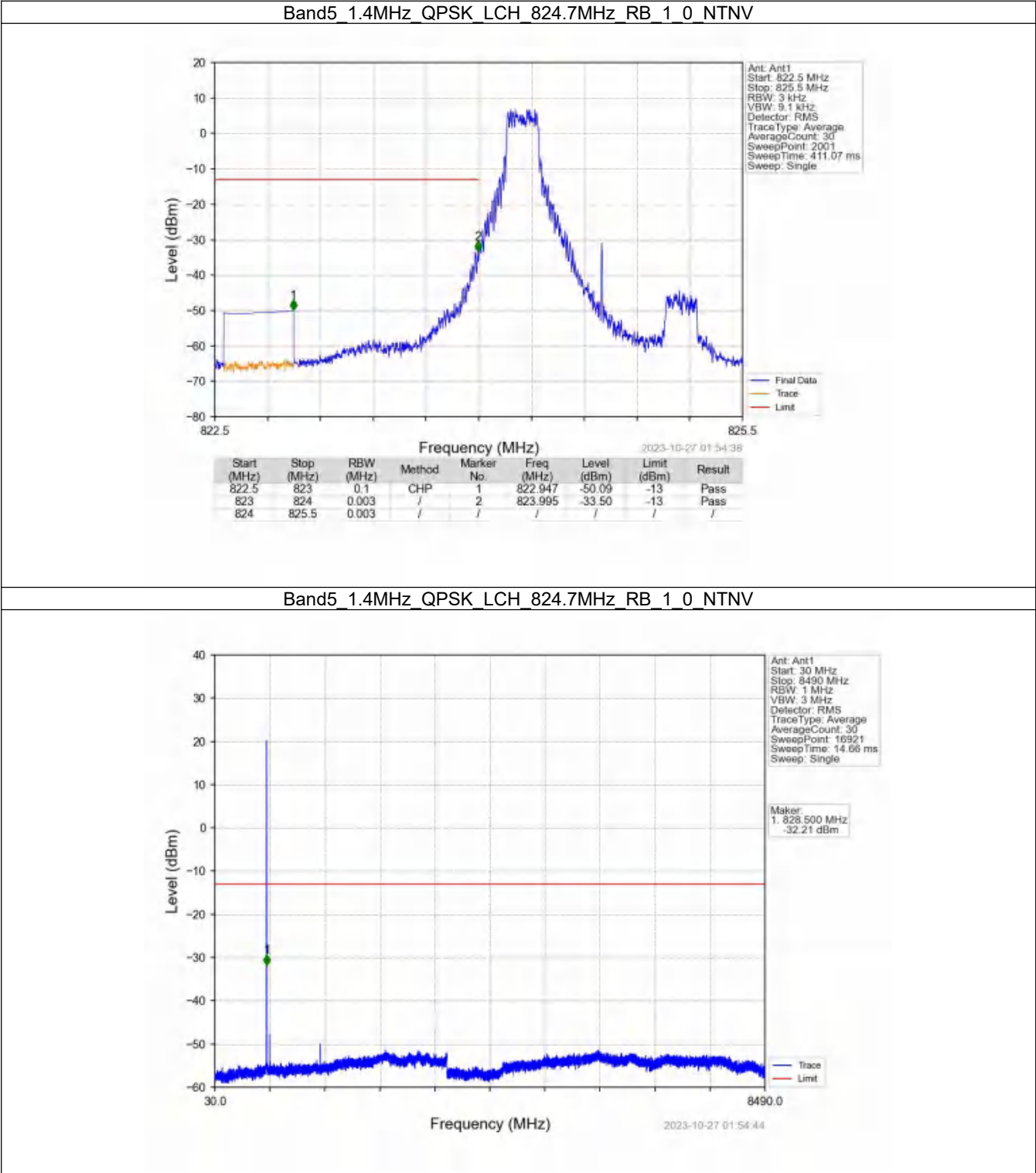
6. Spurious Emission

6.1 B5_1.4MHz

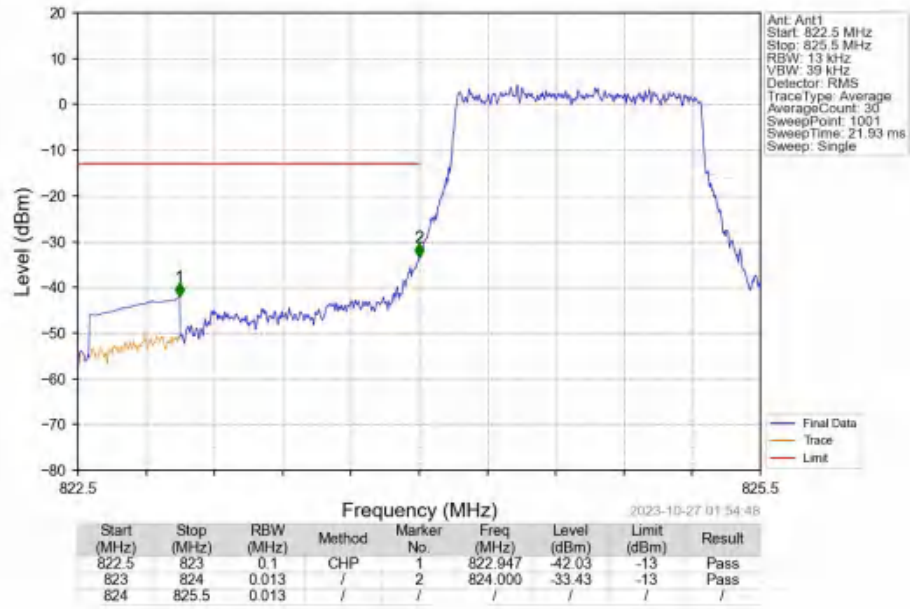
6.1.1 Test Result

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

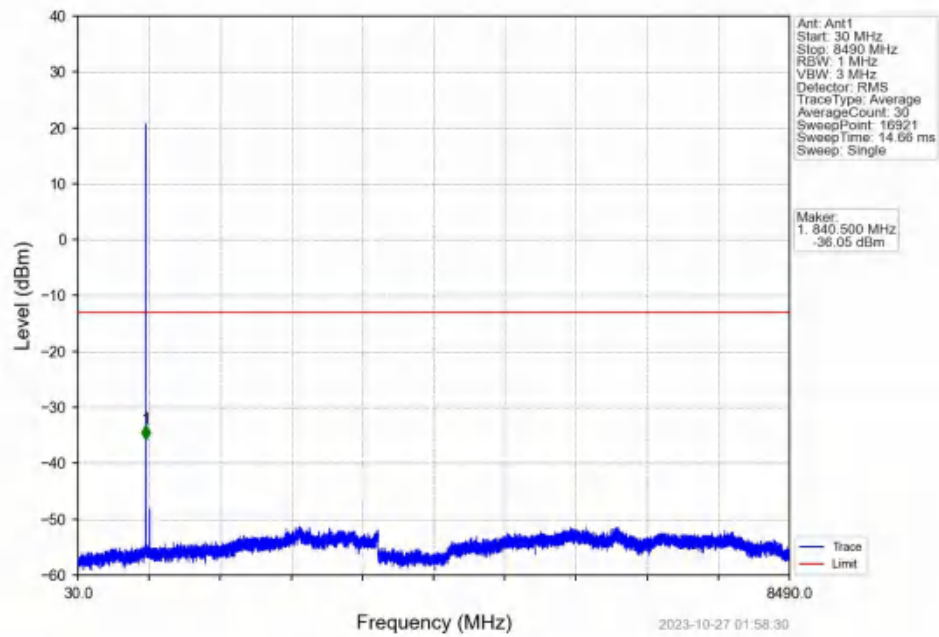
6.1.2 Test Graph



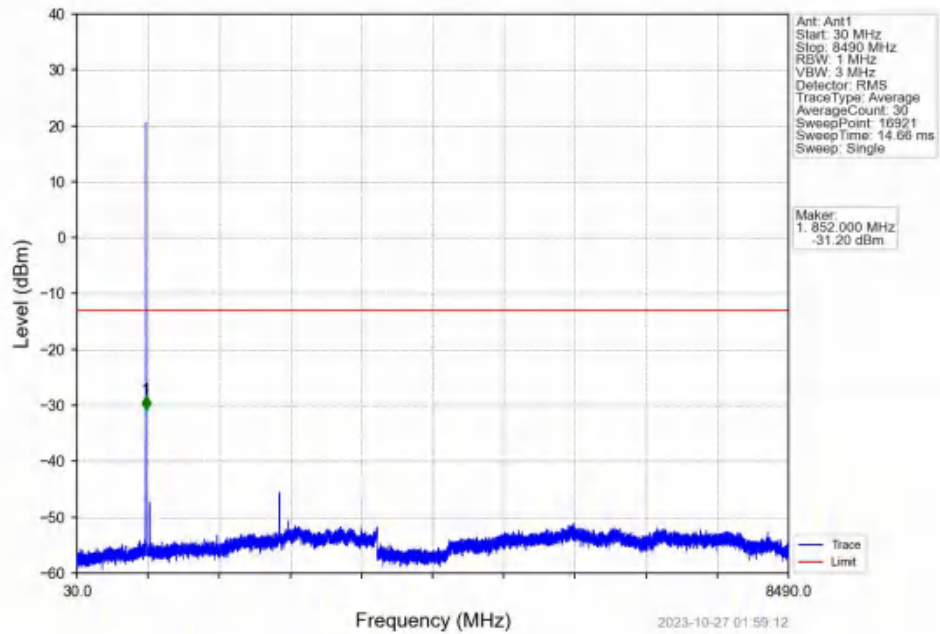
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



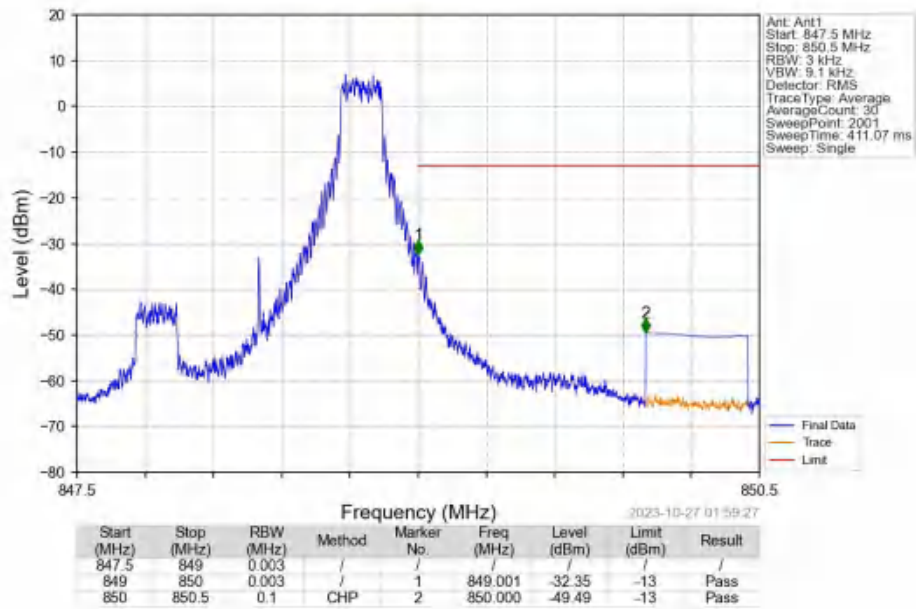
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTN



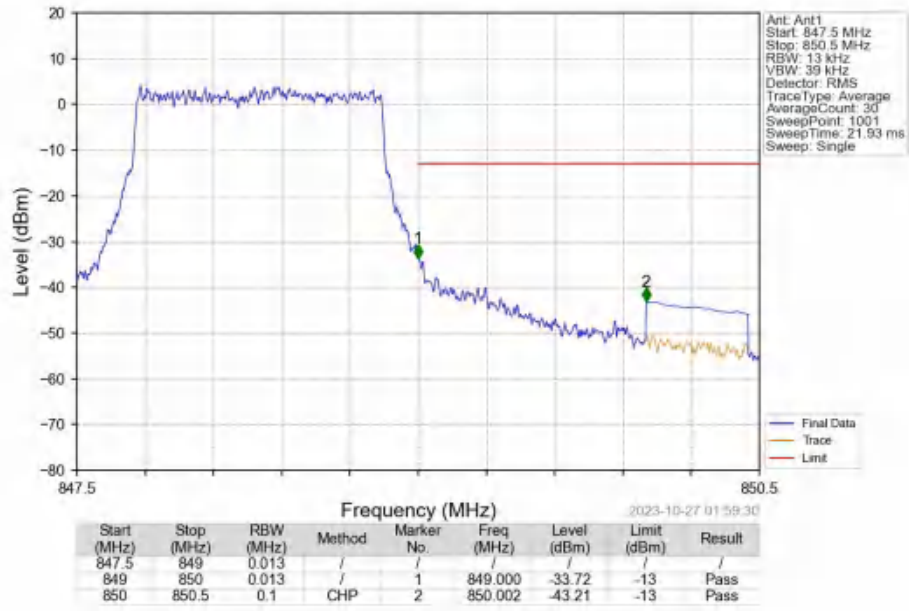
Band5 1.4MHz QPSK HCH 848.3MHz RB_1_0 NTN



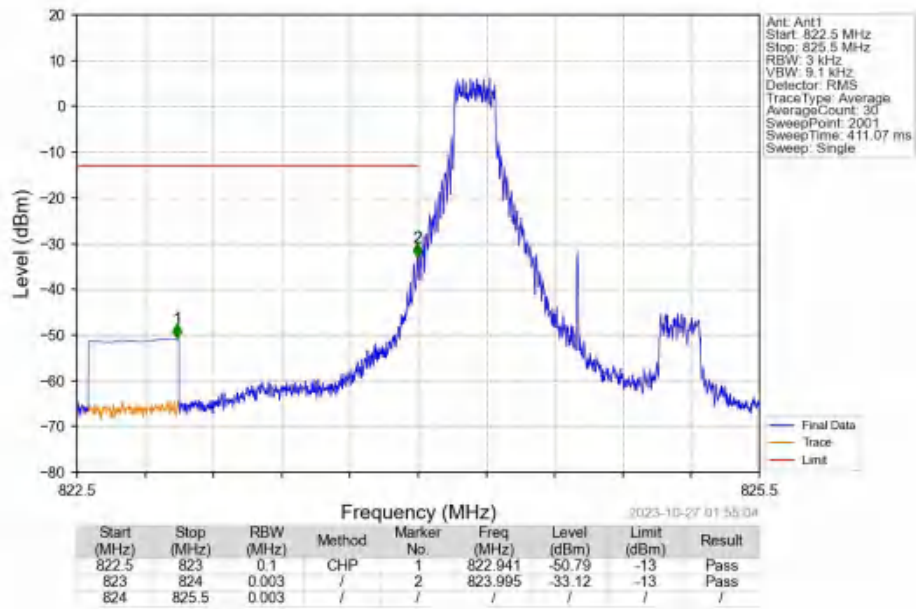
Band5 1.4MHz QPSK HCH 848.3MHz RB_1_5 NTN



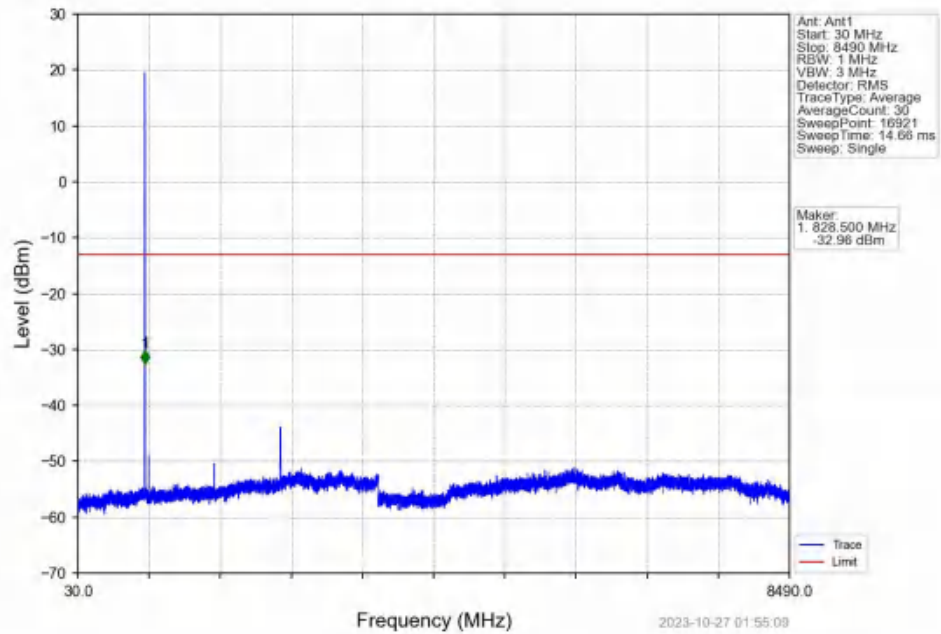
Band5 1.4MHz QPSK HCH 848.3MHz RB_6_0 NTN



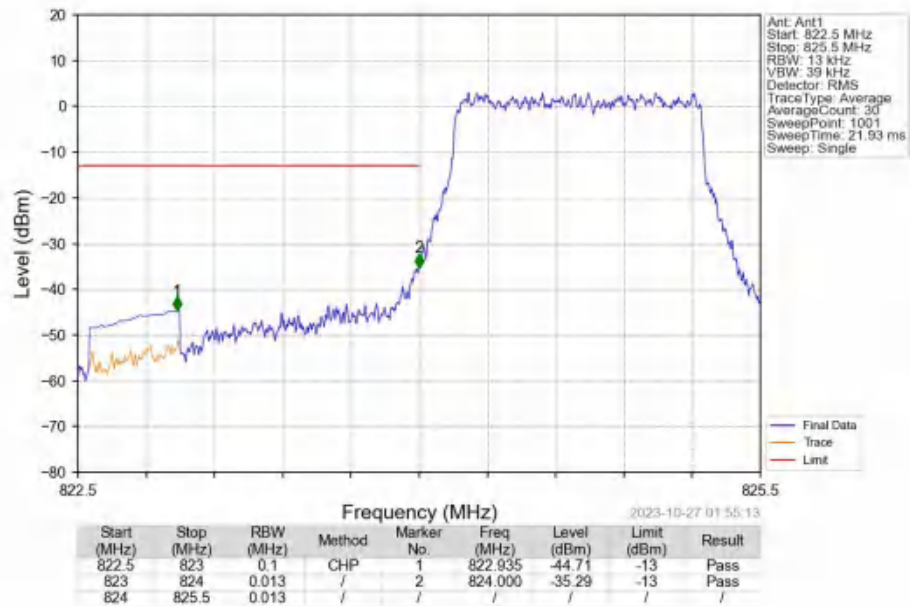
Band5 1.4MHz 16QAM LCH 824.7MHz RB_1_0 NTN



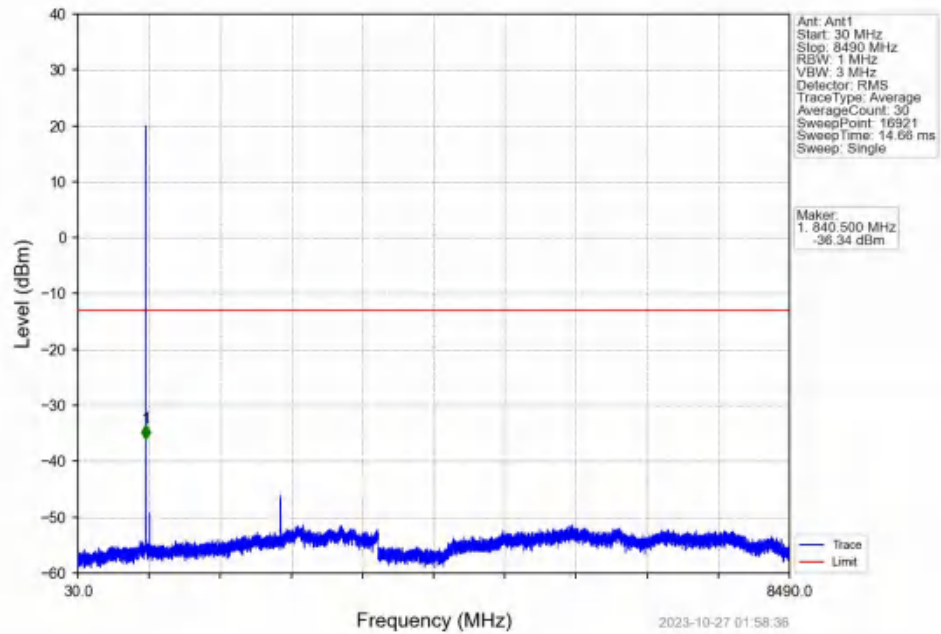
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



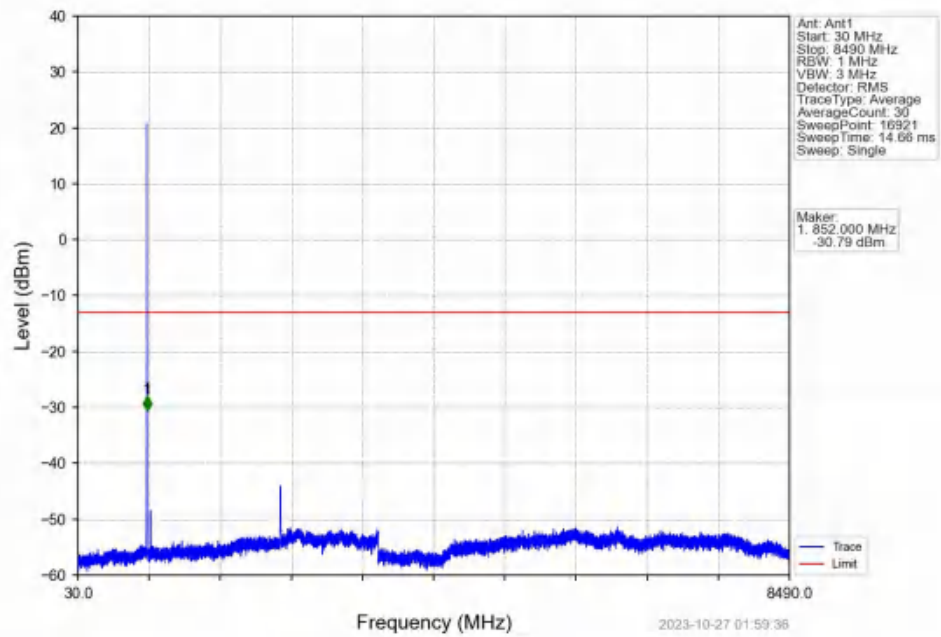
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



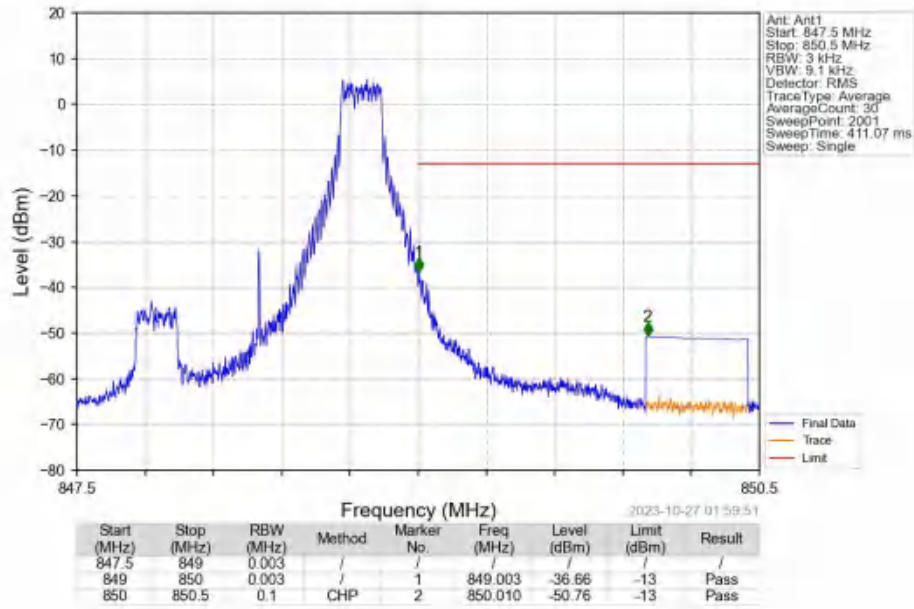
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



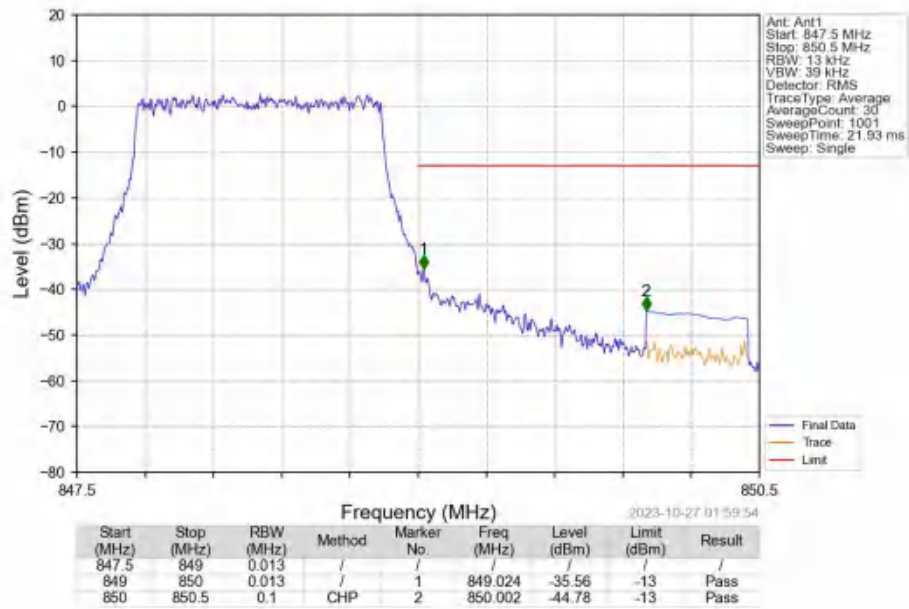
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

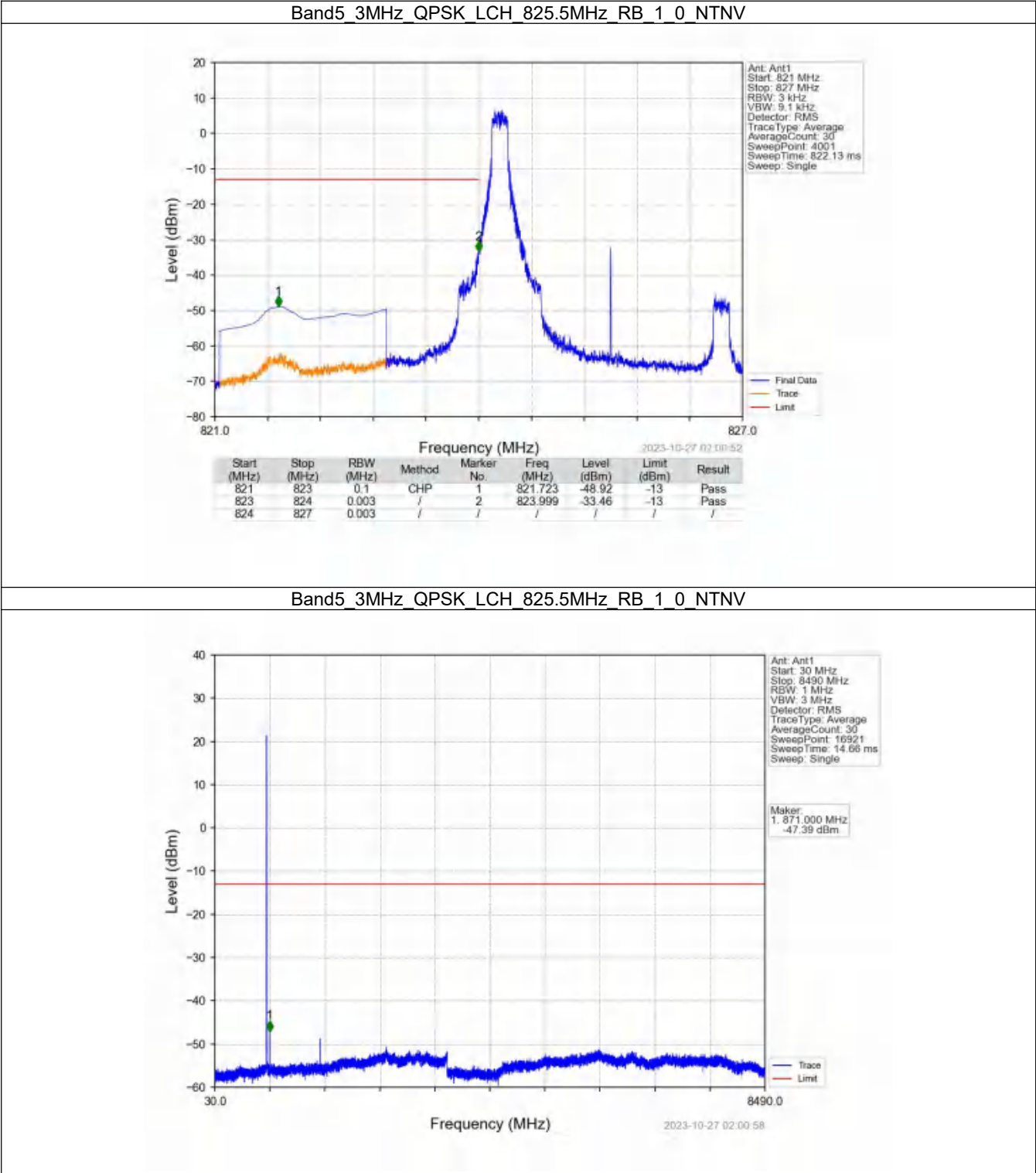


6.2 B5_3MHz

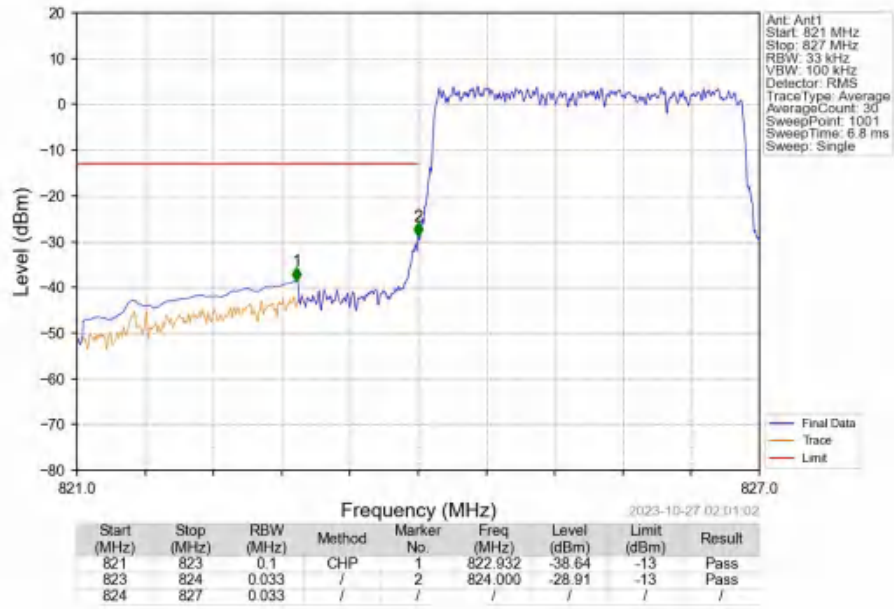
6.2.1 Test Result

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

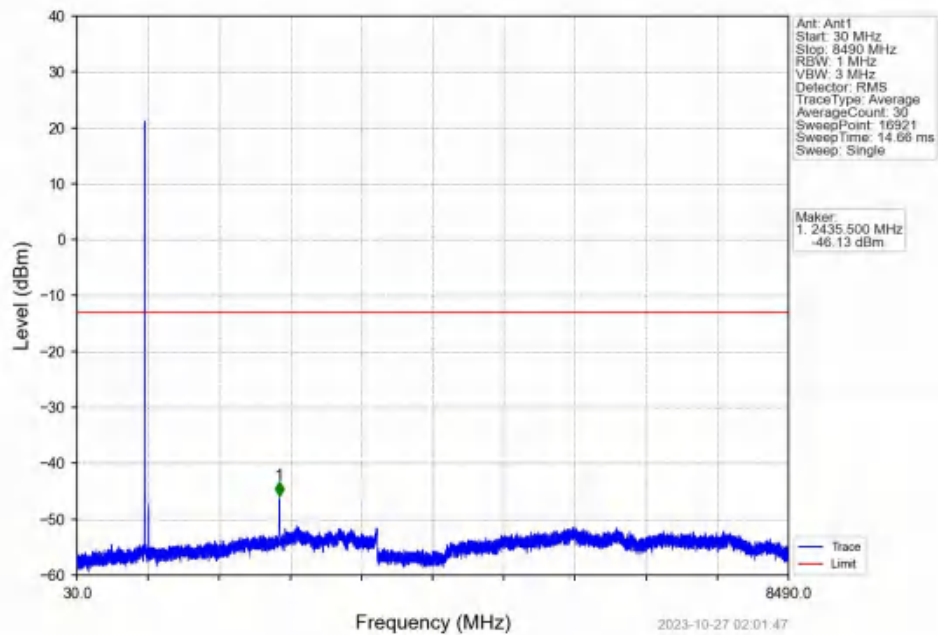
6.2.2 Test Graph



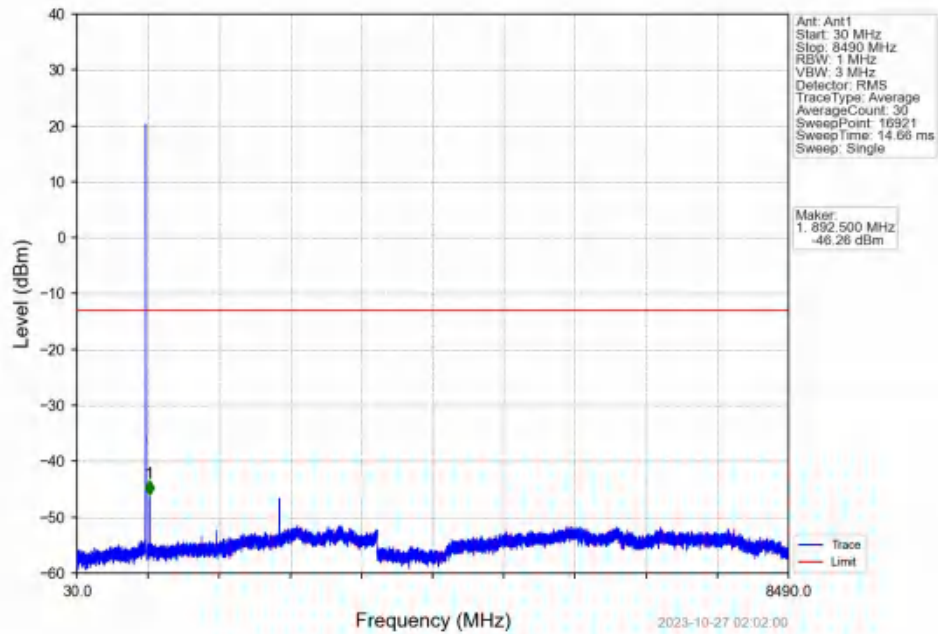
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



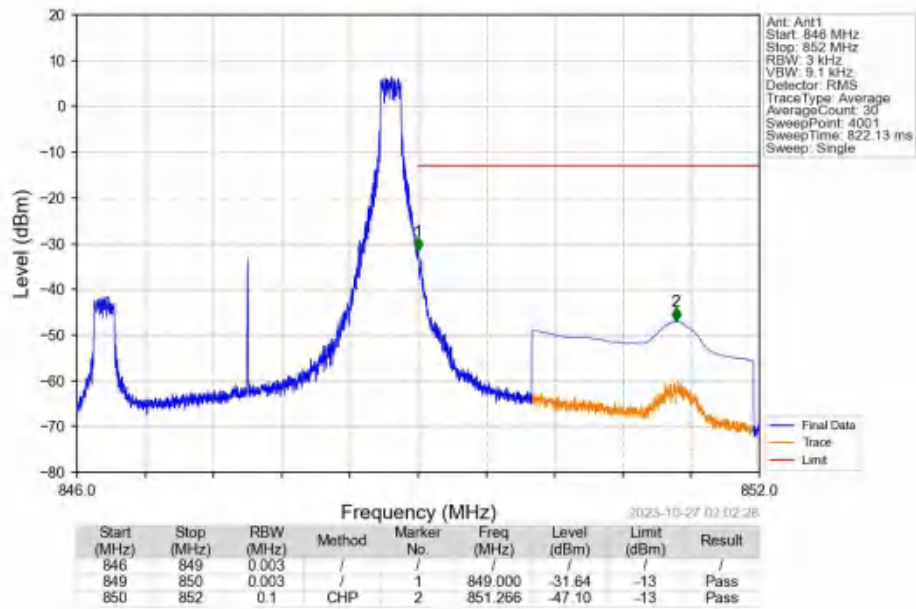
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



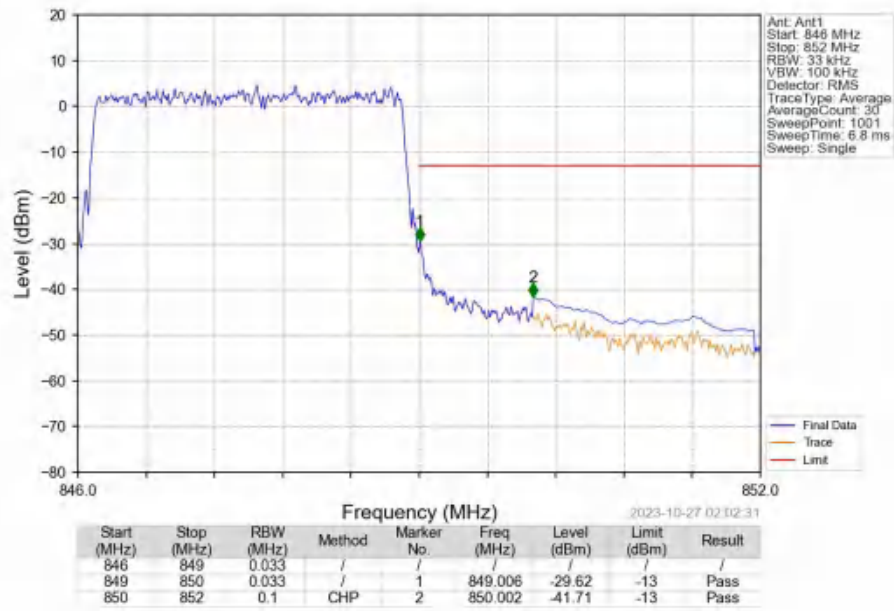
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



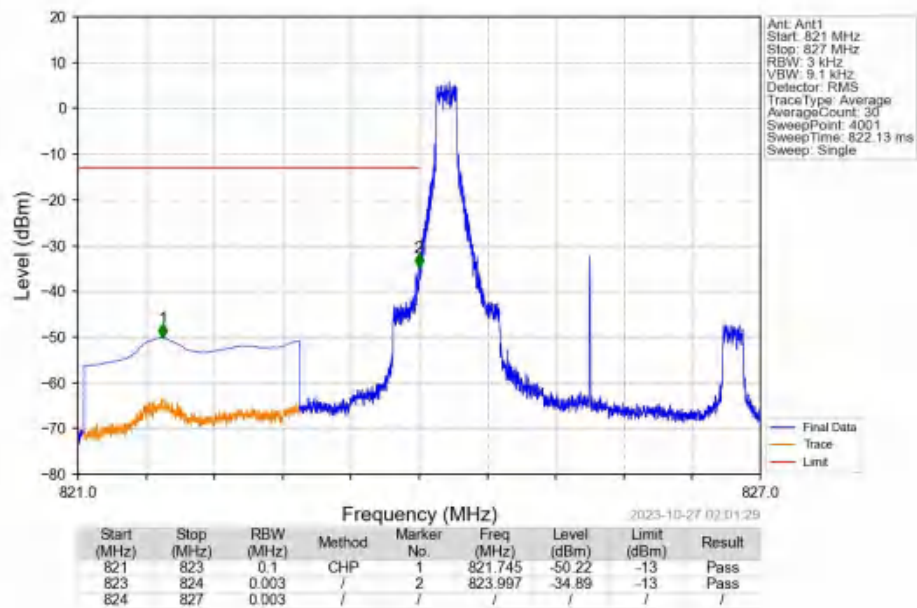
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



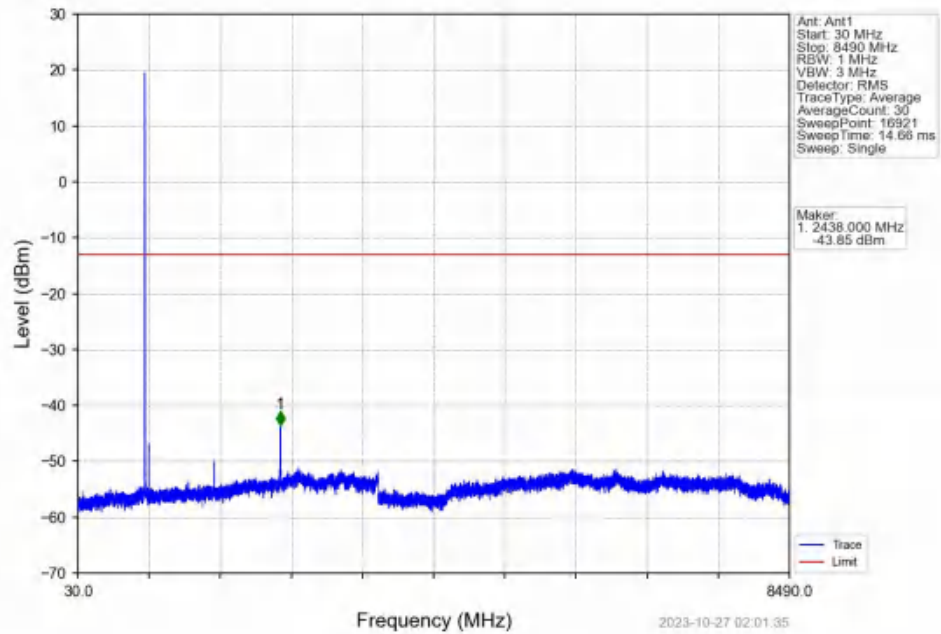
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



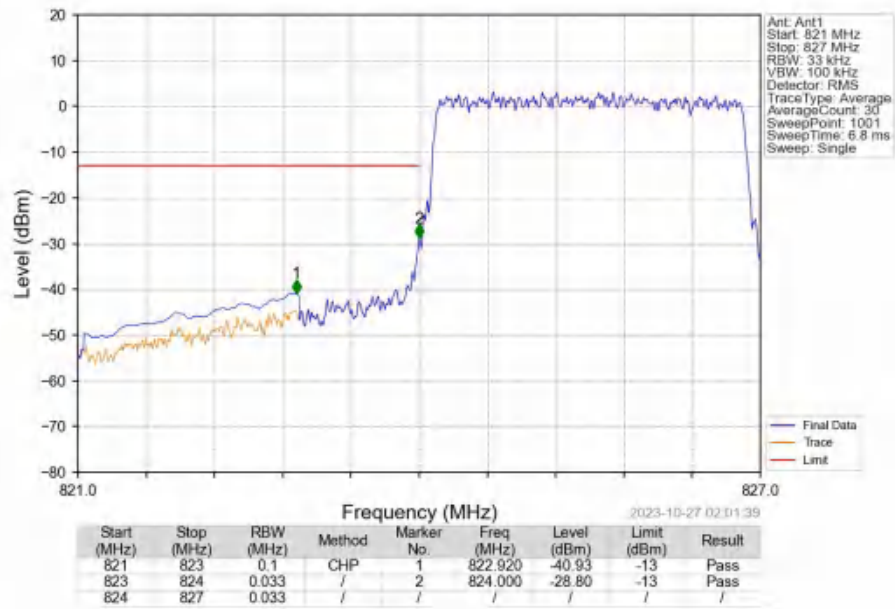
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTN



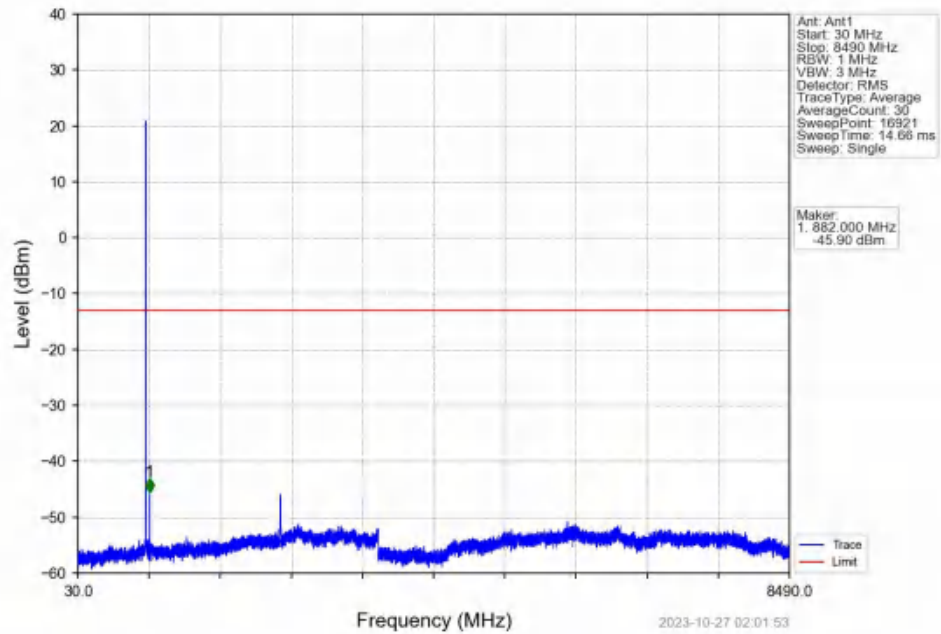
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



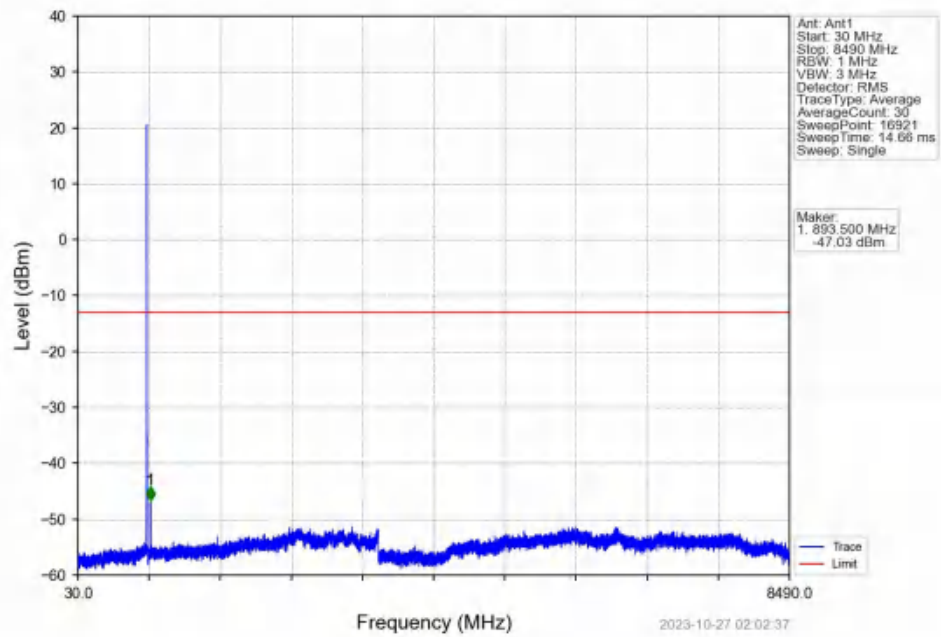
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



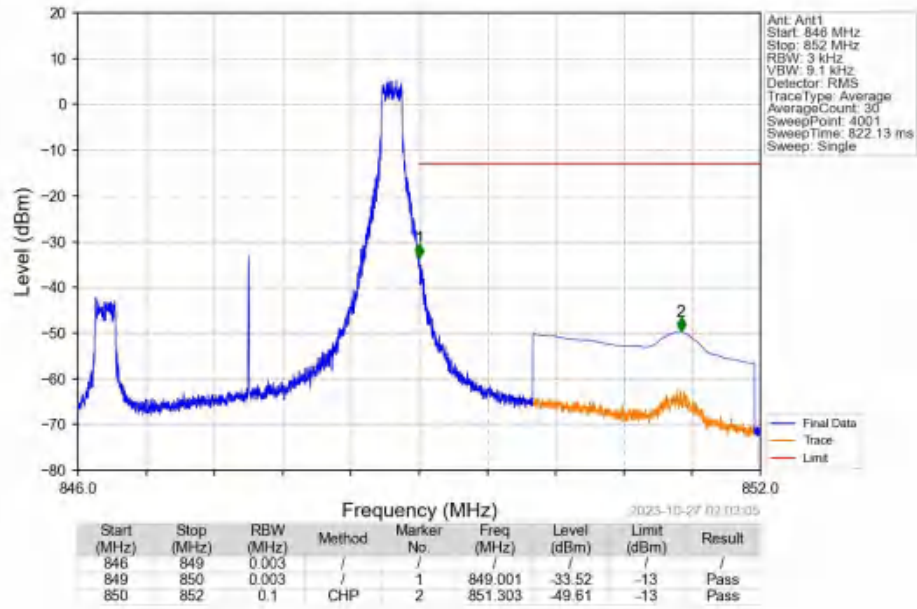
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



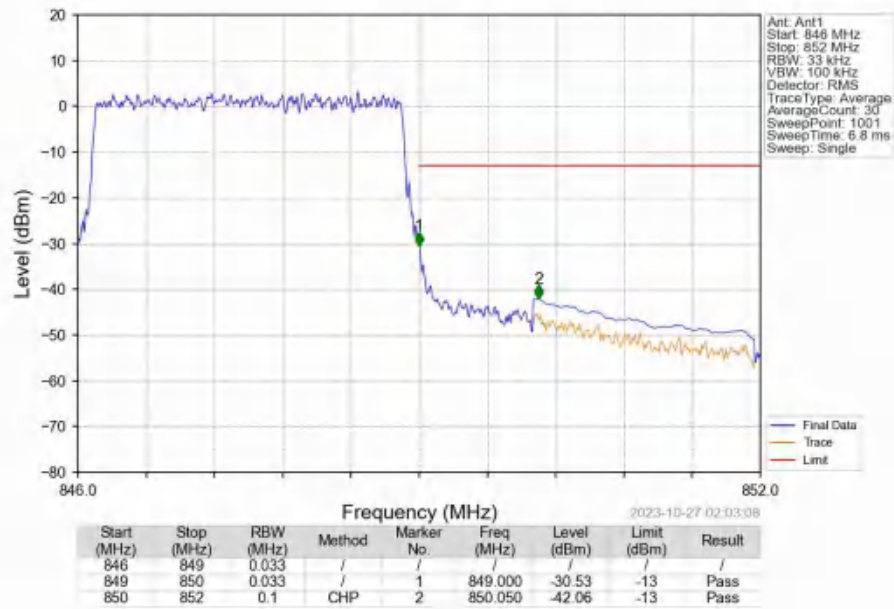
Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

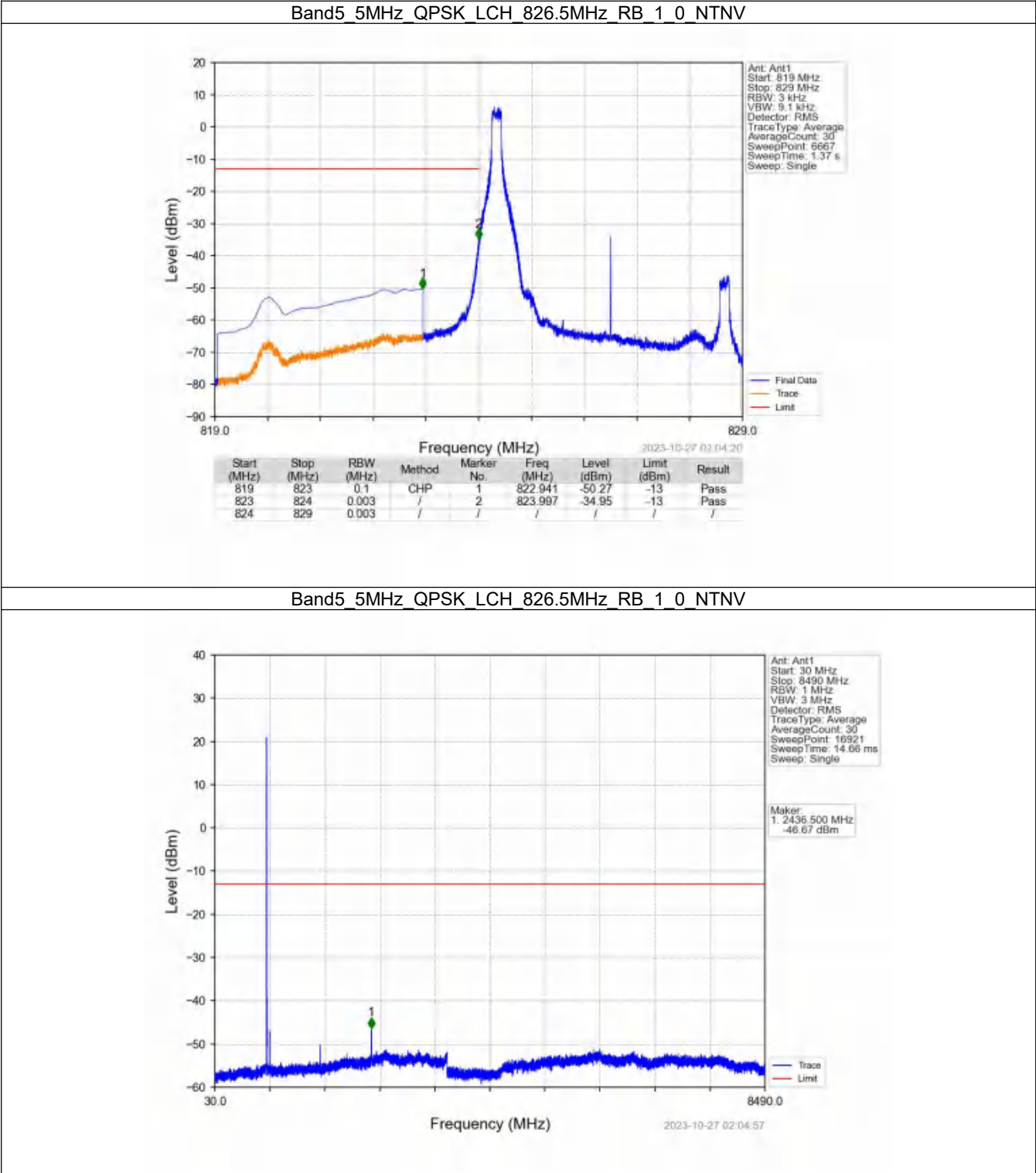


6.3 B5_5MHz

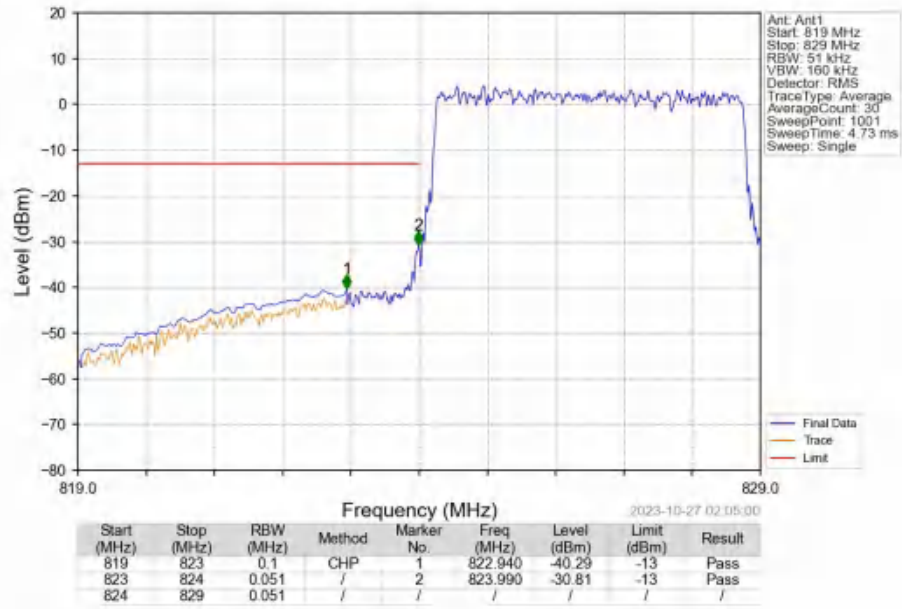
6.3.1 Test Result

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

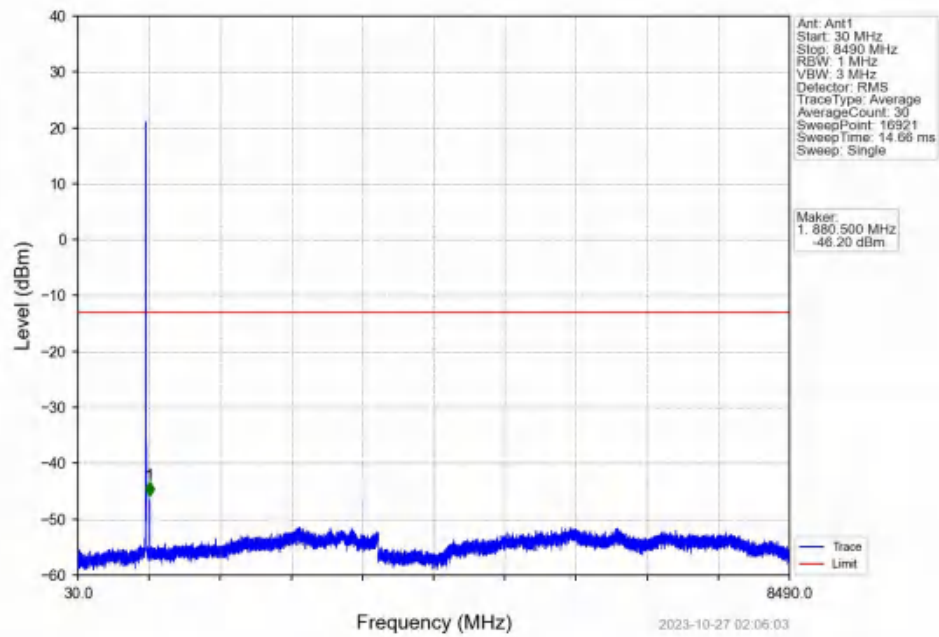
6.3.2 Test Graph



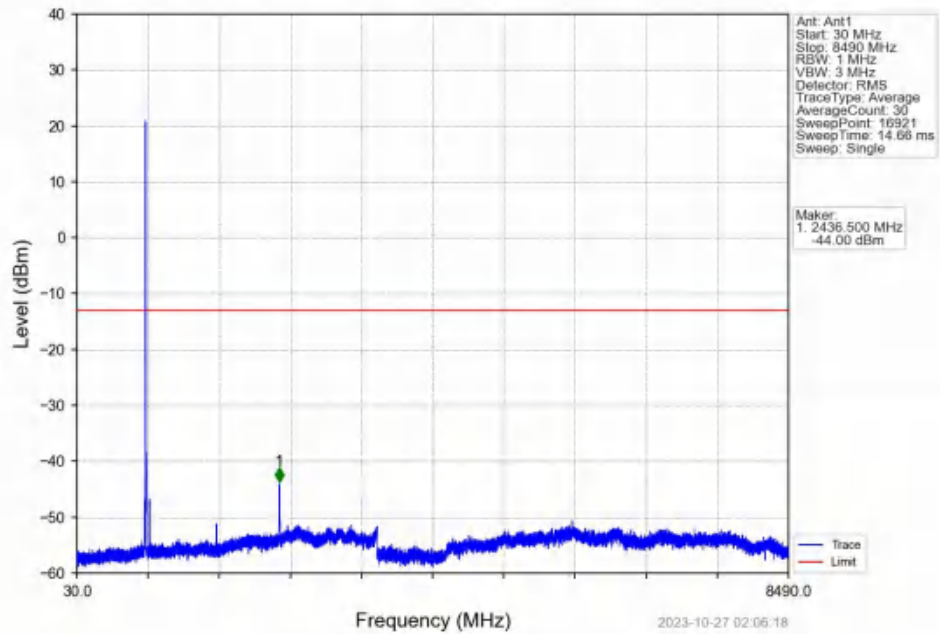
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



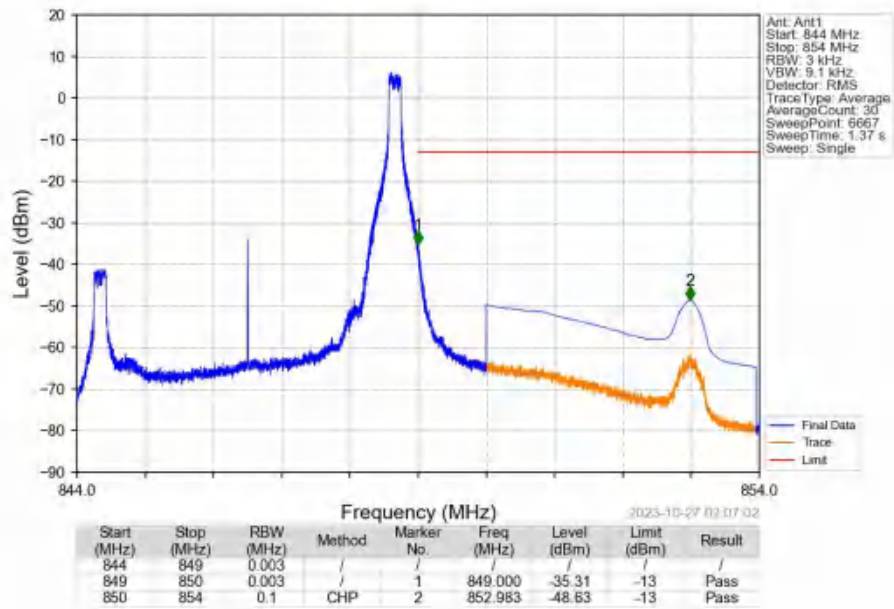
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



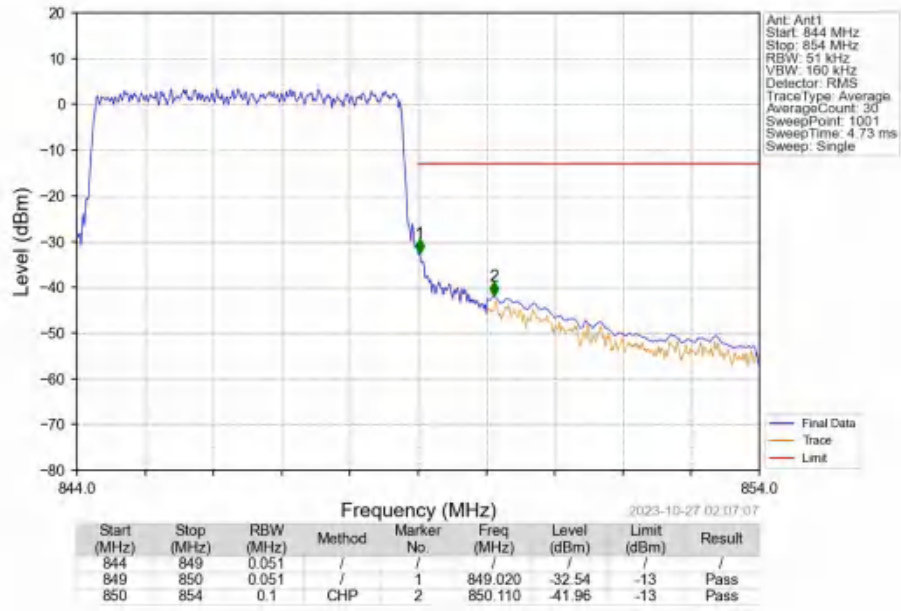
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



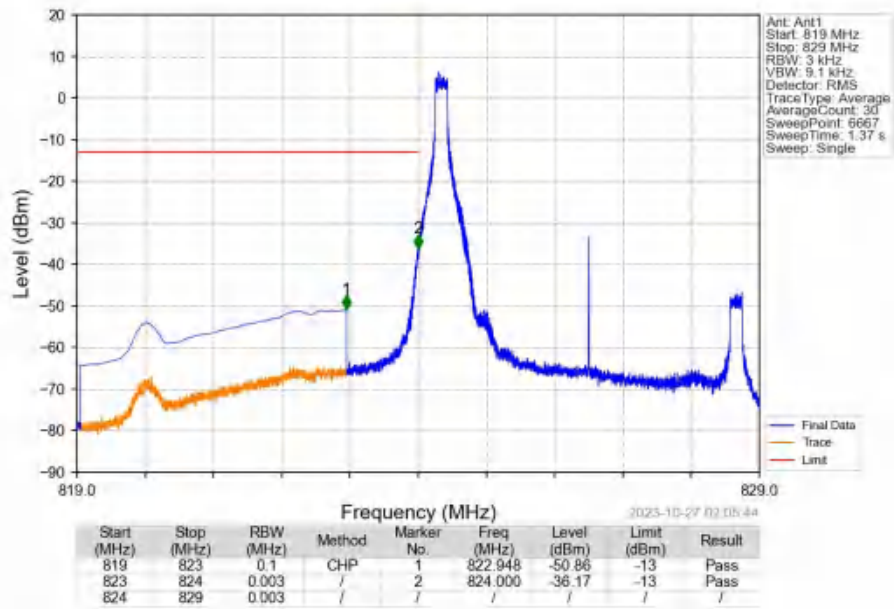
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



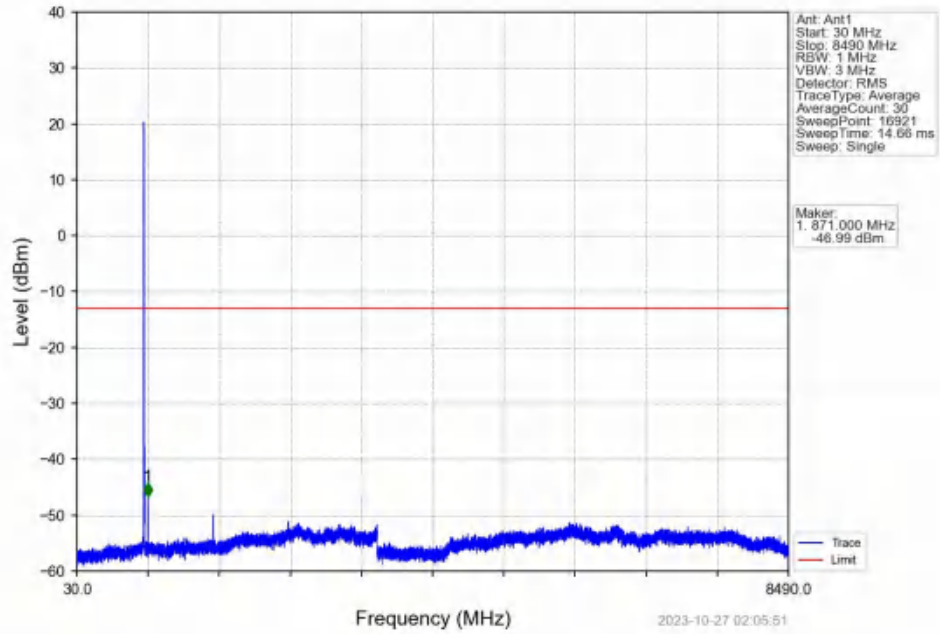
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



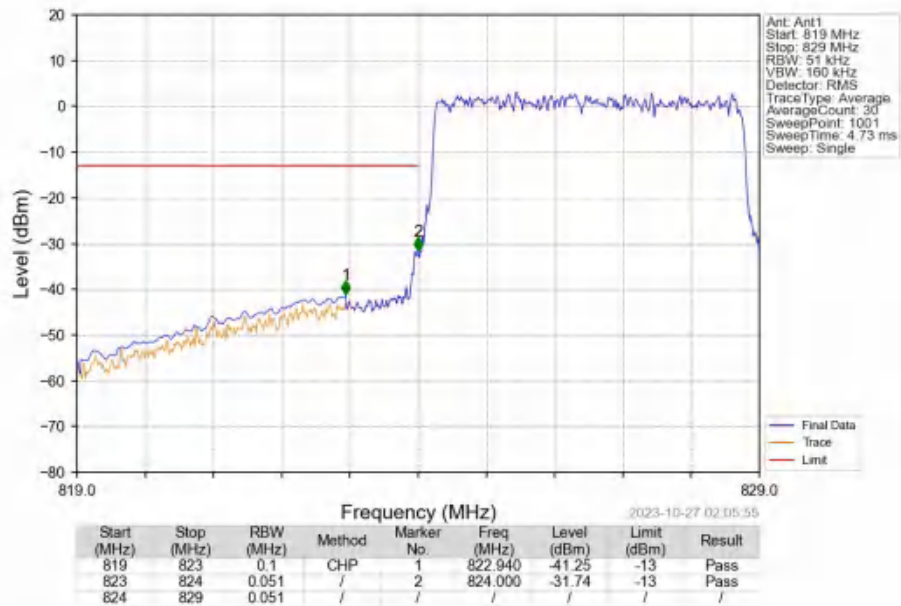
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTNV



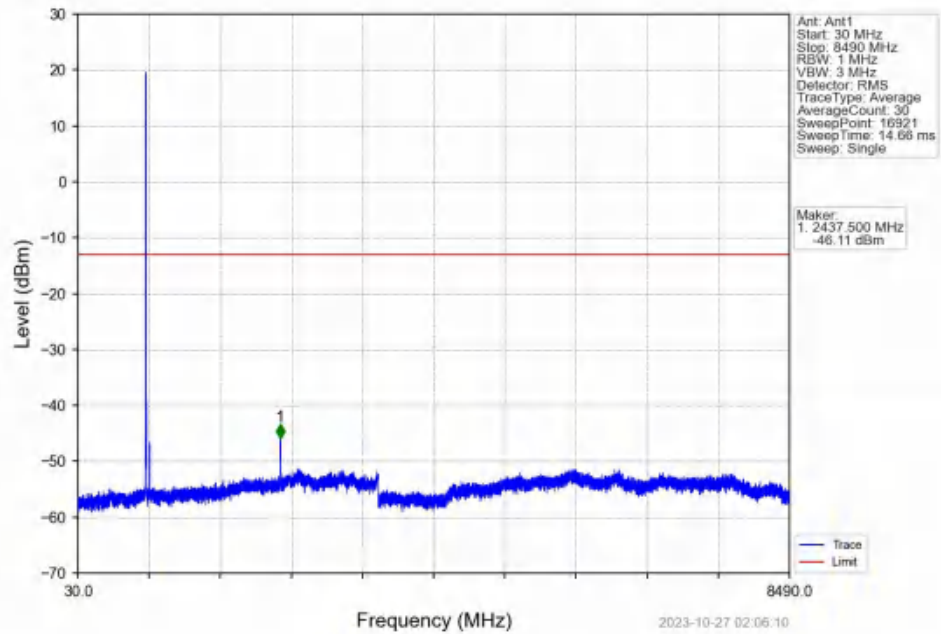
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



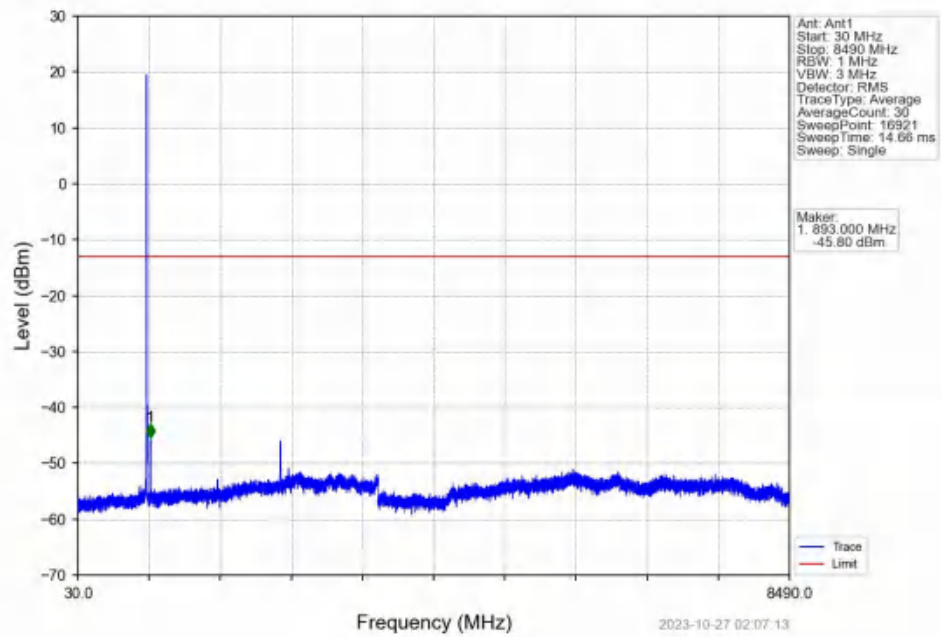
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



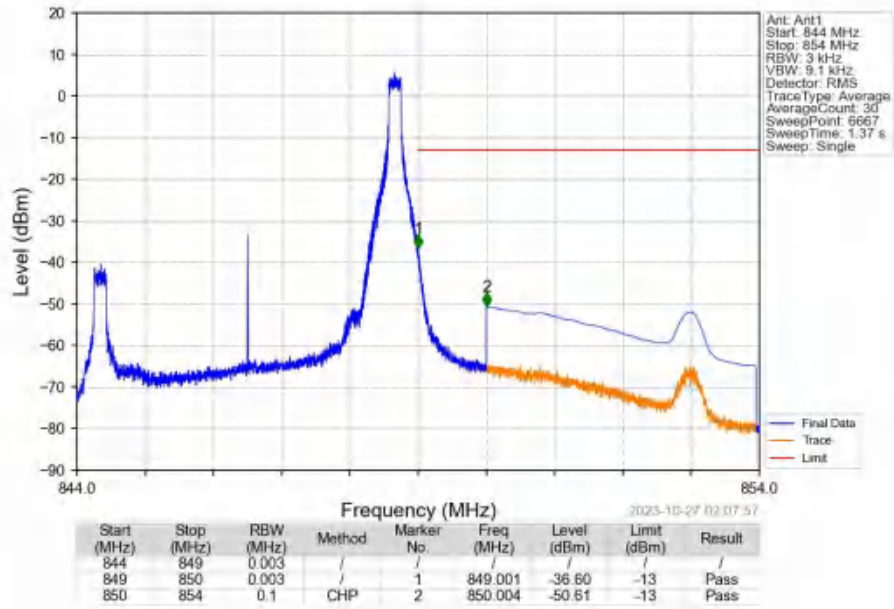
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



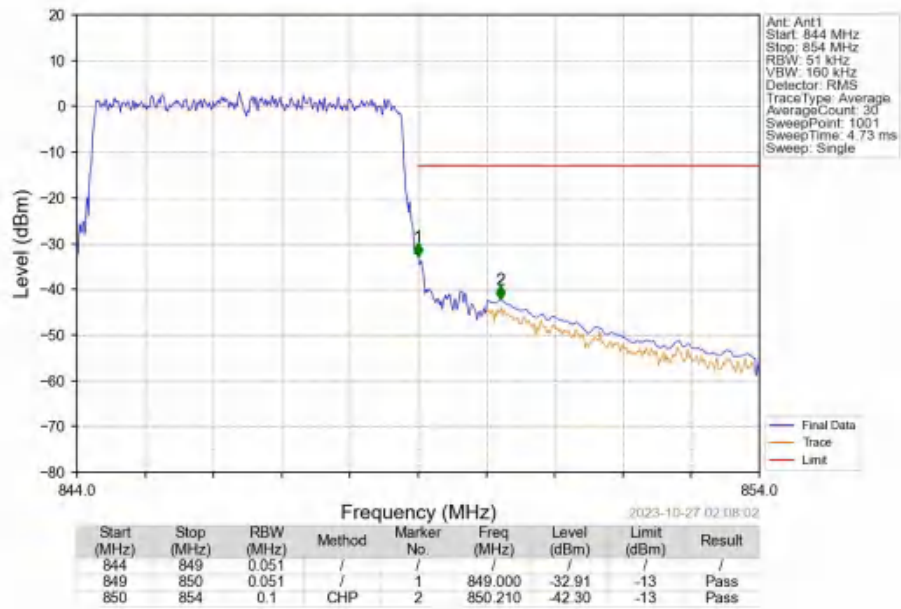
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

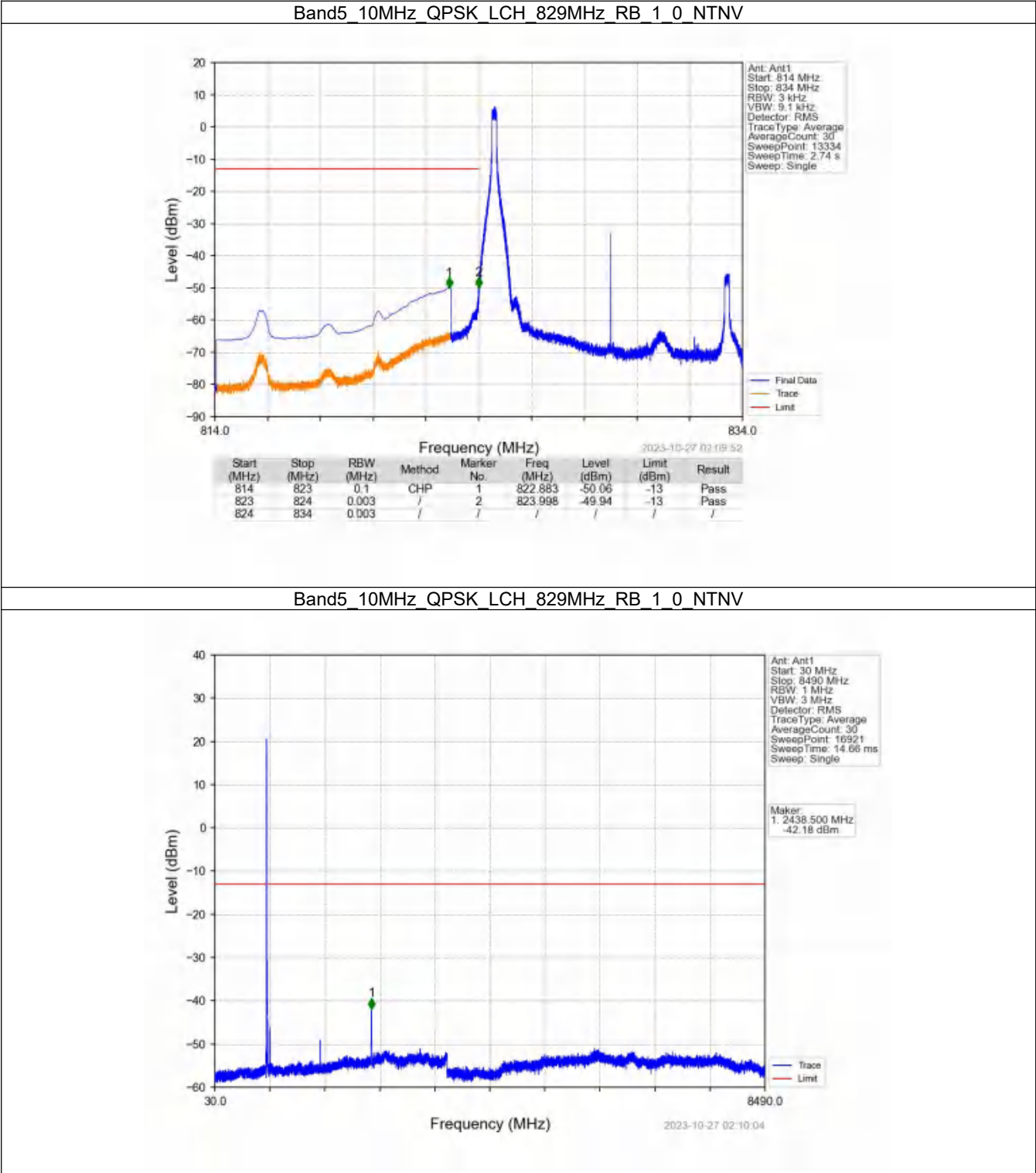


6.4 B5_10MHz

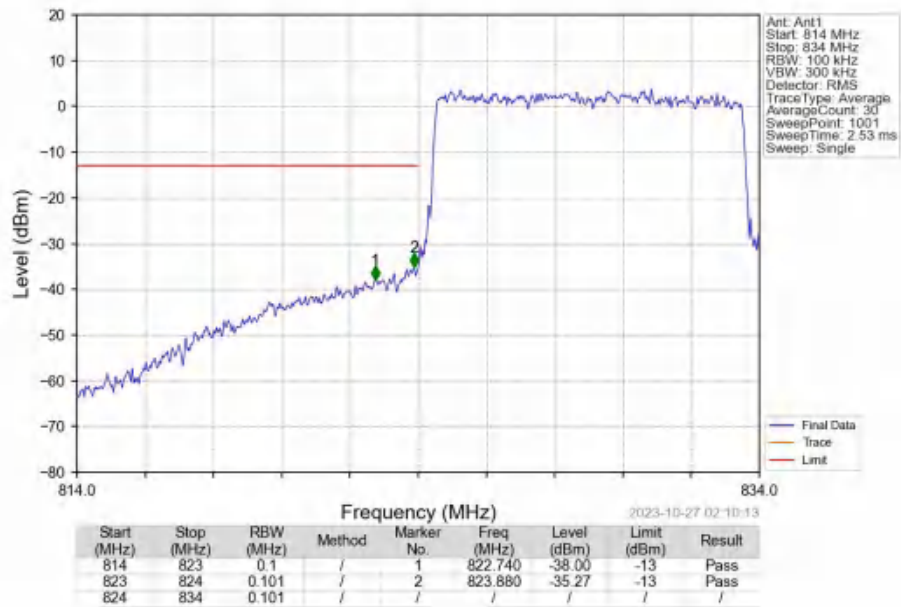
6.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

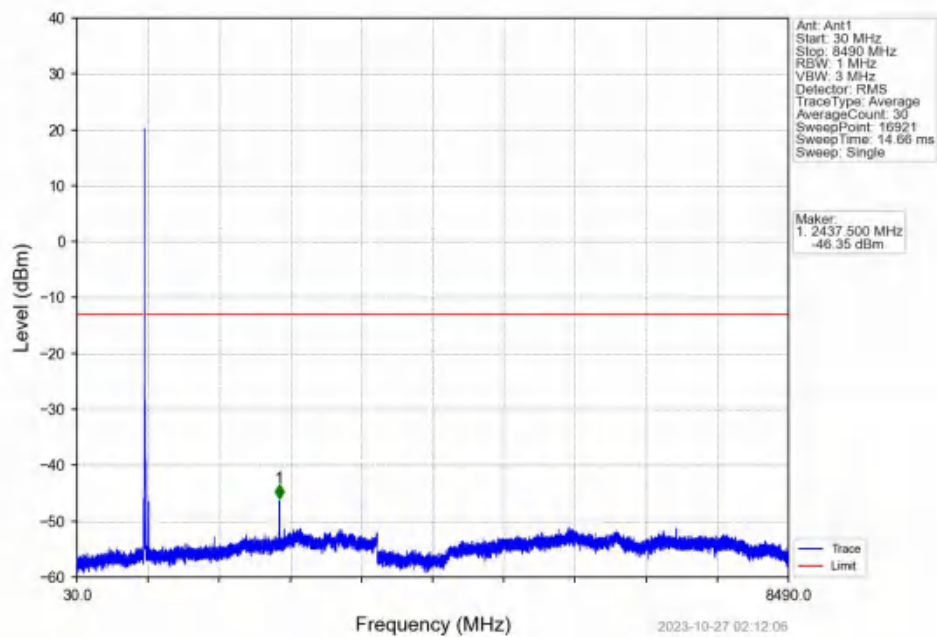
6.4.2 Test Graph



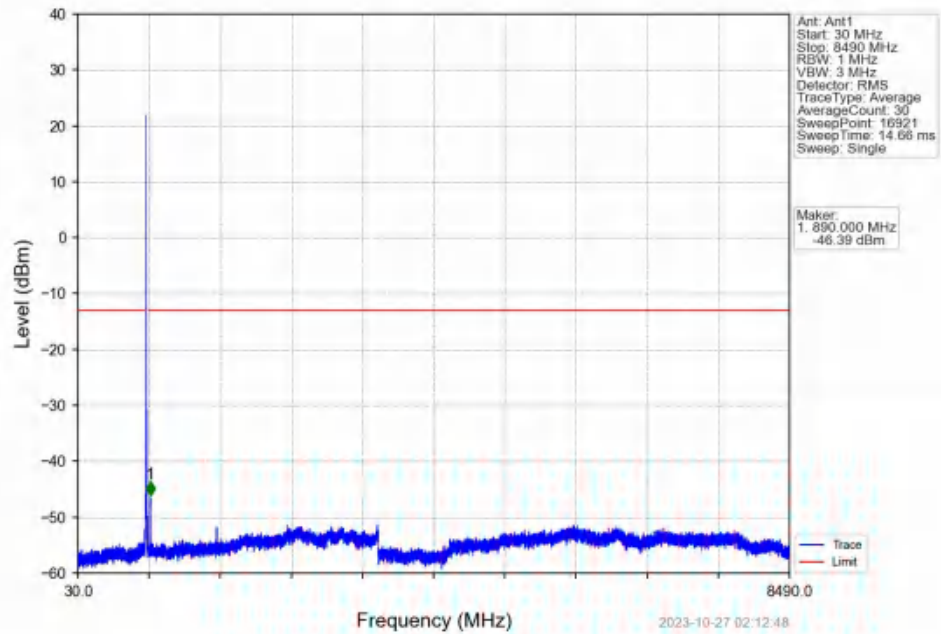
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



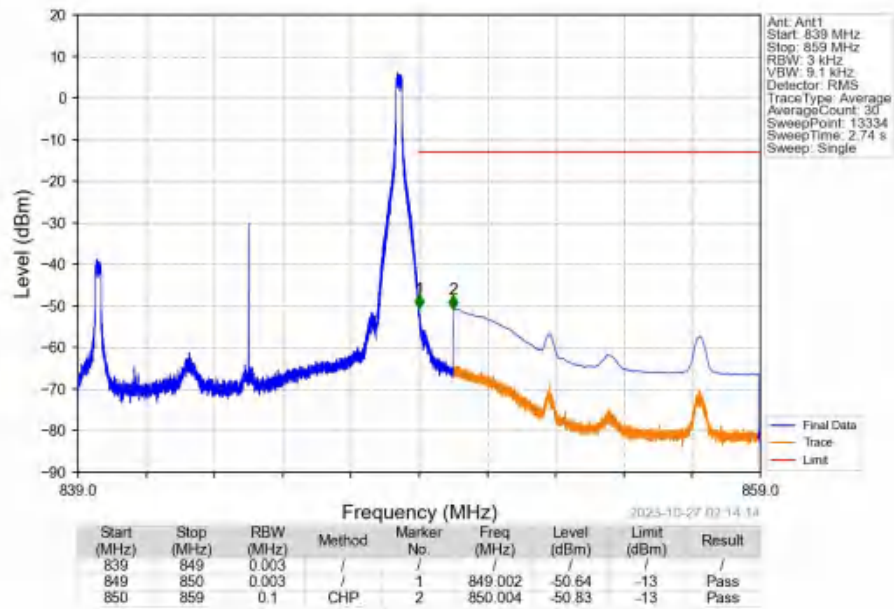
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



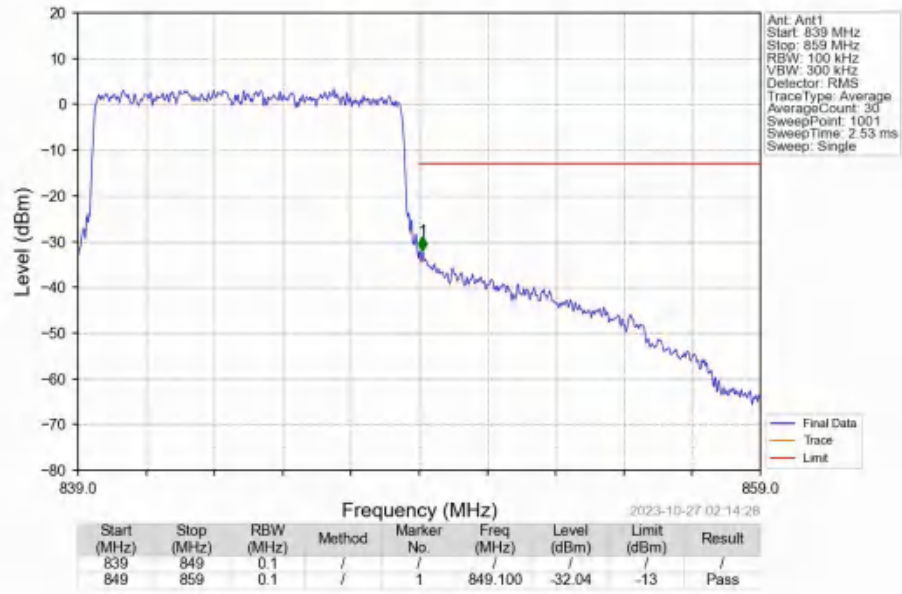
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



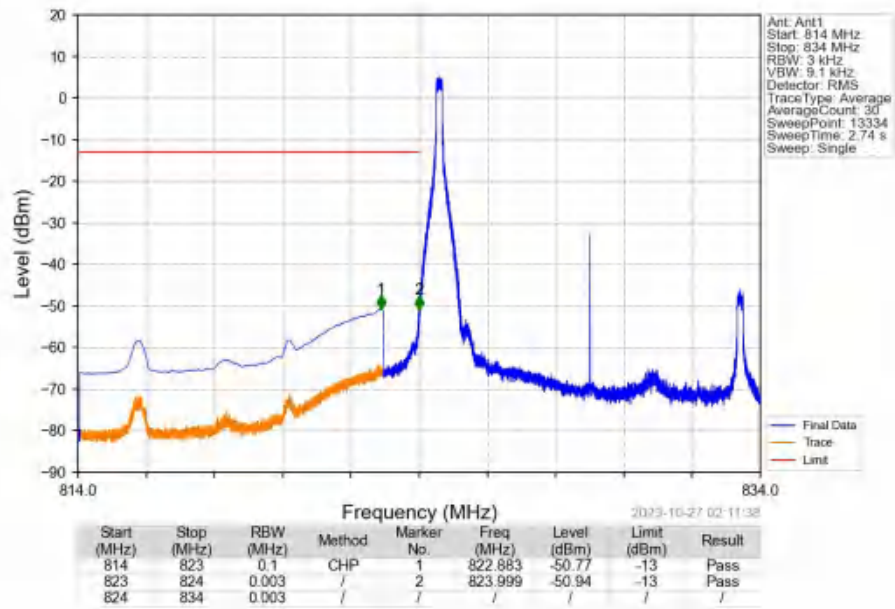
Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV

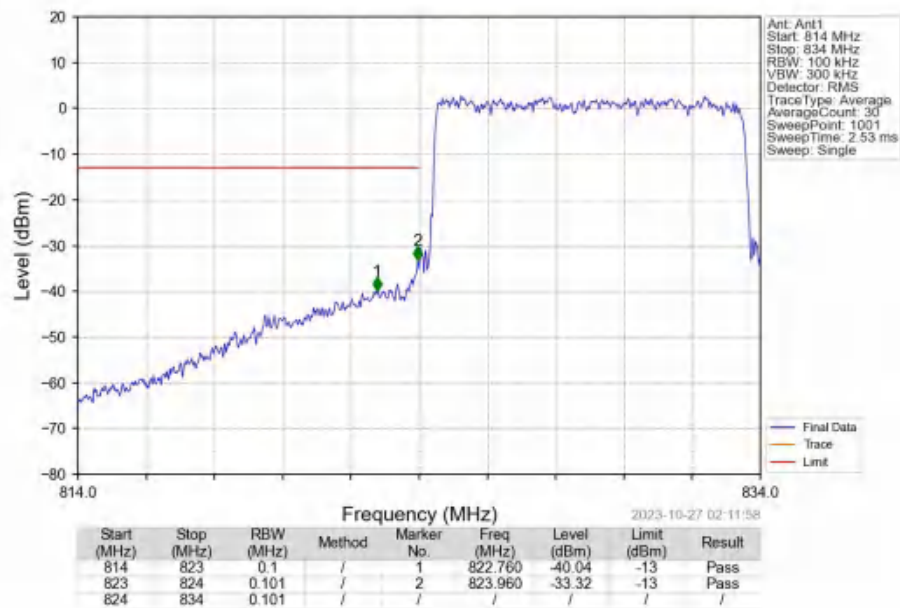
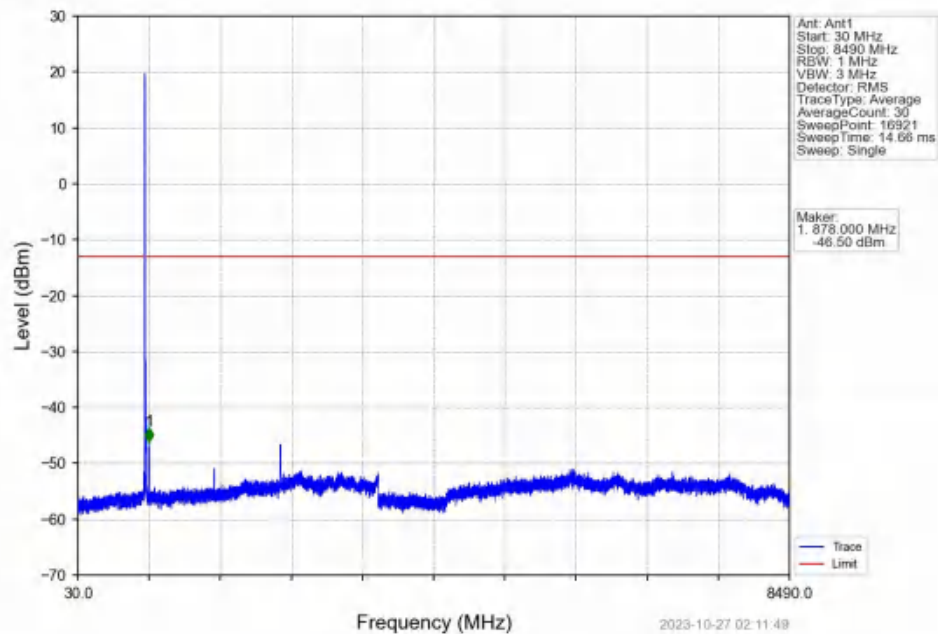


Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

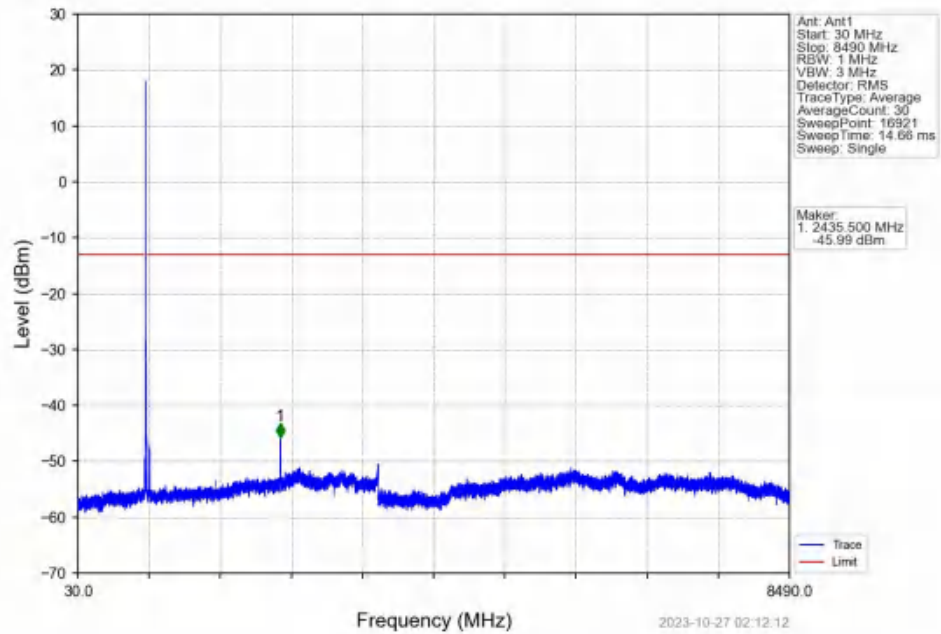


Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

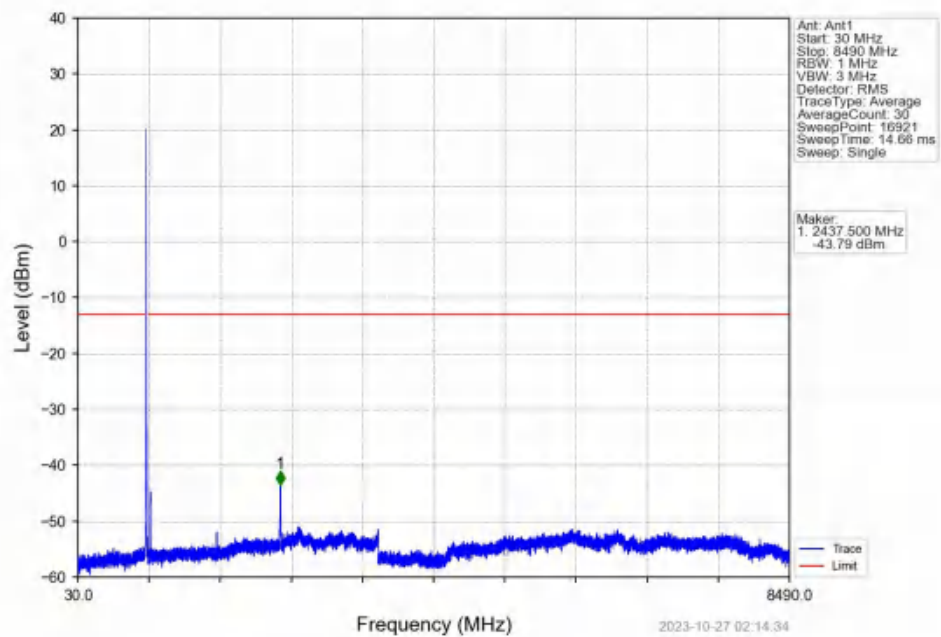




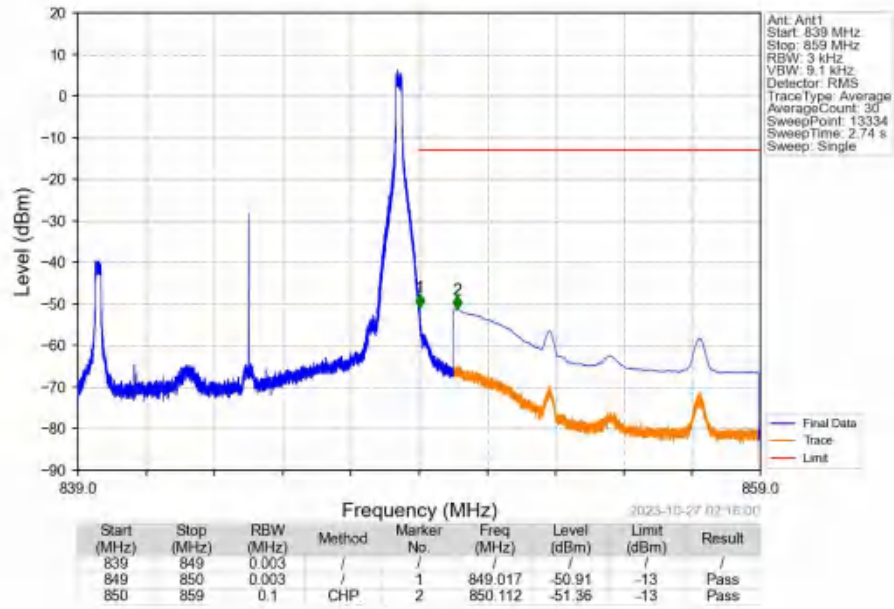
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



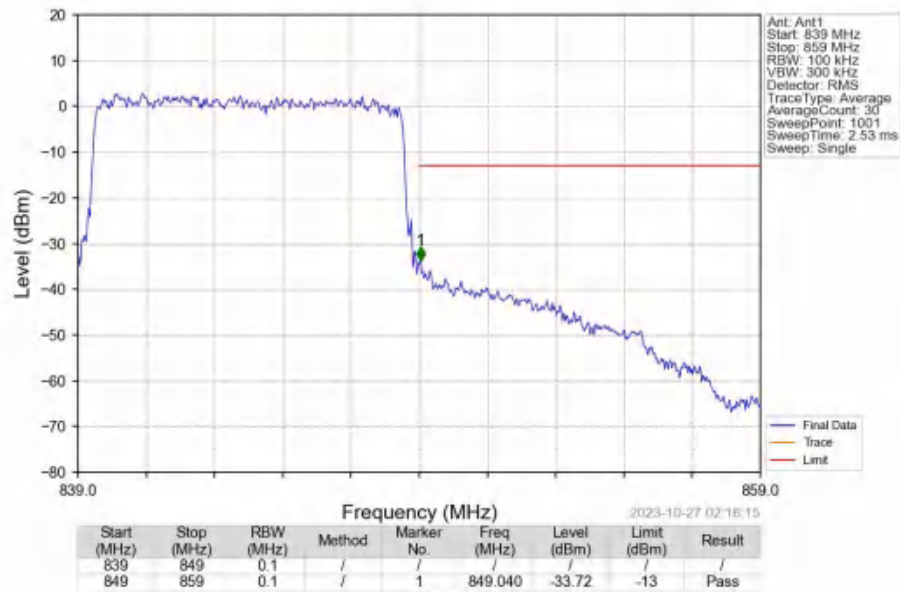
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



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	0.1574	0.0028	ppm	1M11G7D	22H	21.97
5	1.4	824.7	848.3	0.1449	0.0028	ppm	1M11W7D	22H	21.61
5	3	825.5	847.5	0.1637	0.0029	ppm	2M74G7D	22H	22.14
5	3	825.5	847.5	0.1545	0.0035	ppm	2M74W7D	22H	21.89
5	5	826.5	846.5	0.1629	0.0027	ppm	4M56G7D	22H	22.12
5	5	826.5	846.5	0.1216	0.0029	ppm	4M55W7D	22H	20.85
5	10	829	844	0.1629	0.0019	ppm	9M05G7D	22H	22.12
5	10	829	844	0.1435	0.0023	ppm	9M05W7D	22H	21.57

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	0.1288	0.0028	ppm	1M11G7D	22H	21.10
5	1.4	824.7	848.3	0.1186	0.0028	ppm	1M11W7D	22H	20.74
5	3	825.5	847.5	0.1340	0.0029	ppm	2M74G7D	22H	21.27
5	3	825.5	847.5	0.1265	0.0035	ppm	2M74W7D	22H	21.02
5	5	826.5	846.5	0.1334	0.0027	ppm	4M56G7D	22H	21.25
5	5	826.5	846.5	0.0995	0.0029	ppm	4M55W7D	22H	19.98
5	10	829	844	0.1334	0.0019	ppm	9M05G7D	22H	21.25
5	10	829	844	0.1175	0.0023	ppm	9M05W7D	22H	20.70