

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.53	3.00	24.38	<=38.45	Pass
			2	23.58	3.00	24.43	<=38.45	Pass
			5	23.53	3.00	24.38	<=38.45	Pass
		3	0	23.62	3.00	24.47	<=38.45	Pass
			2	23.69	3.00	24.54	<=38.45	Pass
			3	23.62	3.00	24.47	<=38.45	Pass
		6	0	22.59	3.00	23.44	<=38.45	Pass
	836.5	1	0	23.60	3.00	24.45	<=38.45	Pass
			2	23.65	3.00	24.50	<=38.45	Pass
			5	23.57	3.00	24.42	<=38.45	Pass
		3	0	23.59	3.00	24.44	<=38.45	Pass
			2	23.70	3.00	24.55	<=38.45	Pass
			3	23.61	3.00	24.46	<=38.45	Pass
	6	0	22.64	3.00	23.49	<=38.45	Pass	
	848.3	1	0	23.39	3.00	24.24	<=38.45	Pass
			2	23.44	3.00	24.29	<=38.45	Pass
			5	23.39	3.00	24.24	<=38.45	Pass
		3	0	23.41	3.00	24.26	<=38.45	Pass
			2	23.46	3.00	24.31	<=38.45	Pass
			3	23.39	3.00	24.24	<=38.45	Pass
		6	0	22.46	3.00	23.31	<=38.45	Pass
16QAM	824.7	1	0	22.70	3.00	23.55	<=38.45	Pass
			2	22.79	3.00	23.64	<=38.45	Pass
			5	22.73	3.00	23.58	<=38.45	Pass
		3	0	22.67	3.00	23.52	<=38.45	Pass
			2	22.70	3.00	23.55	<=38.45	Pass
			3	22.64	3.00	23.49	<=38.45	Pass
		6	0	21.61	3.00	22.46	<=38.45	Pass
	836.5	1	0	22.68	3.00	23.53	<=38.45	Pass
			2	22.71	3.00	23.56	<=38.45	Pass
			5	22.66	3.00	23.51	<=38.45	Pass
		3	0	22.72	3.00	23.57	<=38.45	Pass
			2	22.78	3.00	23.63	<=38.45	Pass
			3	22.70	3.00	23.55	<=38.45	Pass
	6	0	21.57	3.00	22.42	<=38.45	Pass	
	848.3	1	0	22.52	3.00	23.37	<=38.45	Pass
			2	22.57	3.00	23.42	<=38.45	Pass
			5	22.51	3.00	23.36	<=38.45	Pass
		3	0	22.41	3.00	23.26	<=38.45	Pass
			2	22.48	3.00	23.33	<=38.45	Pass
			3	22.36	3.00	23.21	<=38.45	Pass
		6	0	21.45	3.00	22.30	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.60	3.00	24.45	<=38.45	Pass
			7	23.66	3.00	24.51	<=38.45	Pass
			14	23.56	3.00	24.41	<=38.45	Pass
		8	0	22.64	3.00	23.49	<=38.45	Pass
			4	22.70	3.00	23.55	<=38.45	Pass
			7	22.65	3.00	23.50	<=38.45	Pass
		15	0	22.69	3.00	23.54	<=38.45	Pass
	836.5	1	0	23.71	3.00	24.56	<=38.45	Pass
			7	23.76	3.00	24.61	<=38.45	Pass
			14	23.64	3.00	24.49	<=38.45	Pass
		8	0	22.74	3.00	23.59	<=38.45	Pass
			4	22.73	3.00	23.58	<=38.45	Pass
			7	22.69	3.00	23.54	<=38.45	Pass
		15	0	22.75	3.00	23.60	<=38.45	Pass
	847.5	1	0	23.53	3.00	24.38	<=38.45	Pass
			7	23.58	3.00	24.43	<=38.45	Pass
			14	23.49	3.00	24.34	<=38.45	Pass
		8	0	22.52	3.00	23.37	<=38.45	Pass
			4	22.58	3.00	23.43	<=38.45	Pass
			7	22.55	3.00	23.40	<=38.45	Pass
		15	0	22.55	3.00	23.40	<=38.45	Pass
16QAM	825.5	1	0	23.22	3.00	24.07	<=38.45	Pass
			7	23.30	3.00	24.15	<=38.45	Pass
			14	23.20	3.00	24.05	<=38.45	Pass
		8	0	21.88	3.00	22.73	<=38.45	Pass
			4	21.92	3.00	22.77	<=38.45	Pass
			7	21.90	3.00	22.75	<=38.45	Pass
		15	0	21.83	3.00	22.68	<=38.45	Pass
	836.5	1	0	22.87	3.00	23.72	<=38.45	Pass
			7	22.91	3.00	23.76	<=38.45	Pass
			14	22.77	3.00	23.62	<=38.45	Pass
		8	0	21.70	3.00	22.55	<=38.45	Pass
			4	21.73	3.00	22.58	<=38.45	Pass
			7	21.67	3.00	22.52	<=38.45	Pass
		15	0	21.71	3.00	22.56	<=38.45	Pass
	847.5	1	0	22.59	3.00	23.44	<=38.45	Pass
			7	22.58	3.00	23.43	<=38.45	Pass
			14	22.45	3.00	23.30	<=38.45	Pass
		8	0	21.60	3.00	22.45	<=38.45	Pass
4			21.64	3.00	22.49	<=38.45	Pass	
7			21.58	3.00	22.43	<=38.45	Pass	
15		0	21.61	3.00	22.46	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.66	3.00	24.51	<=38.45	Pass
			13	23.72	3.00	24.57	<=38.45	Pass
			24	23.61	3.00	24.46	<=38.45	Pass

		12	0	22.74	3.00	23.59	<=38.45	Pass
			6	22.72	3.00	23.57	<=38.45	Pass
			13	22.69	3.00	23.54	<=38.45	Pass
		25	0	22.73	3.00	23.58	<=38.45	Pass
	836.5	1	0	23.67	3.00	24.52	<=38.45	Pass
			13	23.72	3.00	24.57	<=38.45	Pass
			24	23.60	3.00	24.45	<=38.45	Pass
		12	0	22.74	3.00	23.59	<=38.45	Pass
			6	22.73	3.00	23.58	<=38.45	Pass
			13	22.65	3.00	23.50	<=38.45	Pass
		25	0	22.70	3.00	23.55	<=38.45	Pass
	846.5	1	0	23.55	3.00	24.40	<=38.45	Pass
			13	23.56	3.00	24.41	<=38.45	Pass
			24	23.42	3.00	24.27	<=38.45	Pass
		12	0	22.55	3.00	23.40	<=38.45	Pass
			6	22.56	3.00	23.41	<=38.45	Pass
			13	22.51	3.00	23.36	<=38.45	Pass
	25	0	22.54	3.00	23.39	<=38.45	Pass	
16QAM	826.5	1	0	22.53	3.00	23.38	<=38.45	Pass
			13	22.63	3.00	23.48	<=38.45	Pass
			24	22.49	3.00	23.34	<=38.45	Pass
		12	0	21.76	3.00	22.61	<=38.45	Pass
			6	21.80	3.00	22.65	<=38.45	Pass
			13	21.71	3.00	22.56	<=38.45	Pass
	25	0	21.79	3.00	22.64	<=38.45	Pass	
	836.5	1	0	22.94	3.00	23.79	<=38.45	Pass
			13	22.97	3.00	23.82	<=38.45	Pass
			24	22.81	3.00	23.66	<=38.45	Pass
		12	0	21.79	3.00	22.64	<=38.45	Pass
			6	21.78	3.00	22.63	<=38.45	Pass
			13	21.71	3.00	22.56	<=38.45	Pass
		25	0	21.70	3.00	22.55	<=38.45	Pass
	846.5	1	0	22.60	3.00	23.45	<=38.45	Pass
			13	22.64	3.00	23.49	<=38.45	Pass
			24	22.52	3.00	23.37	<=38.45	Pass
		12	0	21.62	3.00	22.47	<=38.45	Pass
			6	21.61	3.00	22.46	<=38.45	Pass
			13	21.55	3.00	22.40	<=38.45	Pass
	25	0	21.59	3.00	22.44	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.60	3.00	24.45	<=38.45	Pass
			25	23.59	3.00	24.44	<=38.45	Pass
			49	23.64	3.00	24.49	<=38.45	Pass
		25	0	22.71	3.00	23.56	<=38.45	Pass
			13	22.85	3.00	23.70	<=38.45	Pass
			25	22.77	3.00	23.62	<=38.45	Pass
		50	0	22.81	3.00	23.66	<=38.45	Pass
	836.5	1	0	23.69	3.00	24.54	<=38.45	Pass
			25	23.66	3.00	24.51	<=38.45	Pass

			49	23.49	3.00	24.34	<=38.45	Pass
		25	0	22.73	3.00	23.58	<=38.45	Pass
			13	22.71	3.00	23.56	<=38.45	Pass
			25	22.61	3.00	23.46	<=38.45	Pass
		50	0	22.69	3.00	23.54	<=38.45	Pass
	844	1	0	23.59	3.00	24.44	<=38.45	Pass
			25	23.56	3.00	24.41	<=38.45	Pass
			49	23.46	3.00	24.31	<=38.45	Pass
		25	0	22.54	3.00	23.39	<=38.45	Pass
			13	22.66	3.00	23.51	<=38.45	Pass
			25	22.56	3.00	23.41	<=38.45	Pass
		50	0	22.52	3.00	23.37	<=38.45	Pass
16QAM	829	1	0	23.21	3.00	24.06	<=38.45	Pass
			25	23.20	3.00	24.05	<=38.45	Pass
			49	23.18	3.00	24.03	<=38.45	Pass
		25	0	21.83	3.00	22.68	<=38.45	Pass
			13	21.94	3.00	22.79	<=38.45	Pass
			25	21.87	3.00	22.72	<=38.45	Pass
	50	0	21.83	3.00	22.68	<=38.45	Pass	
	836.5	1	0	22.88	3.00	23.73	<=38.45	Pass
			25	22.79	3.00	23.64	<=38.45	Pass
			49	22.65	3.00	23.50	<=38.45	Pass
		25	0	21.77	3.00	22.62	<=38.45	Pass
			13	21.75	3.00	22.60	<=38.45	Pass
			25	21.65	3.00	22.50	<=38.45	Pass
	50	0	21.73	3.00	22.58	<=38.45	Pass	
	844	1	0	22.59	3.00	23.44	<=38.45	Pass
			25	22.57	3.00	23.42	<=38.45	Pass
			49	22.45	3.00	23.30	<=38.45	Pass
		25	0	21.66	3.00	22.51	<=38.45	Pass
			13	21.75	3.00	22.60	<=38.45	Pass
			25	21.65	3.00	22.50	<=38.45	Pass
		50	0	21.56	3.00	22.41	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	4.237	0.0051	-2.5 to 2.5	Pass
					3.85	3.148	0.0038	-2.5 to 2.5	Pass
					4.43	-3.637	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	1.365	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.035	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	0.578	0.0007	-2.5 to 2.5	Pass
				0	3.85	-2.299	-0.0028	-2.5 to 2.5	Pass
				10	3.85	0.865	0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.138	-0.0062	-2.5 to 2.5	Pass

	836.5	6	0	50	3.85	-2.610	-0.0032	-2.5 to 2.5	Pass
				20	3.27	-14.519	-0.0174	-2.5 to 2.5	Pass
					3.85	-18.310	-0.0219	-2.5 to 2.5	Pass
					4.43	-18.523	-0.0221	-2.5 to 2.5	Pass
				-30	3.85	-14.019	-0.0168	-2.5 to 2.5	Pass
				-20	3.85	-2.444	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				0	3.85	0.491	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.974	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.136	-0.0026	-2.5 to 2.5	Pass
	848.3	6	0	40	3.85	-2.584	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-1.803	-0.0022	-2.5 to 2.5	Pass
				20	3.27	19.911	0.0235	-2.5 to 2.5	Pass
					3.85	13.968	0.0165	-2.5 to 2.5	Pass
					4.43	6.469	0.0076	-2.5 to 2.5	Pass
				-30	3.85	5.272	0.0062	-2.5 to 2.5	Pass
				-20	3.85	3.691	0.0044	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-0.581	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.737	-0.0009	-2.5 to 2.5	Pass
16QAM	824.7	6	0	30	3.85	2.987	0.0035	-2.5 to 2.5	Pass
				40	3.85	2.914	0.0034	-2.5 to 2.5	Pass
				50	3.85	-2.340	-0.0028	-2.5 to 2.5	Pass
				20	3.27	2.478	0.0030	-2.5 to 2.5	Pass
					3.85	2.347	0.0028	-2.5 to 2.5	Pass
					4.43	1.778	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.398	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.102	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.111	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.128	0.0014	-2.5 to 2.5	Pass
	836.5	6	0	10	3.85	0.904	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.859	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.185	-0.0051	-2.5 to 2.5	Pass
				50	3.85	2.146	0.0026	-2.5 to 2.5	Pass
				20	3.27	-0.349	-0.0004	-2.5 to 2.5	Pass
					3.85	2.634	0.0031	-2.5 to 2.5	Pass
					4.43	1.082	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.424	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	1.274	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.524	-0.0042	-2.5 to 2.5	Pass
	848.3	6	0	0	3.85	-1.986	-0.0024	-2.5 to 2.5	Pass
				10	3.85	2.202	0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.853	-0.0034	-2.5 to 2.5	Pass
				40	3.85	2.537	0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.780	-0.0021	-2.5 to 2.5	Pass
				20	3.27	3.480	0.0041	-2.5 to 2.5	Pass
					3.85	2.384	0.0028	-2.5 to 2.5	Pass
					4.43	-3.952	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	0.912	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.705	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.003	0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.230	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.941	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-1.131	-0.0013	-2.5 to 2.5	Pass
				40	3.85	2.060	0.0024	-2.5 to 2.5	Pass
				50	3.85	-1.125	-0.0013	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	3.028	0.0037	-2.5 to 2.5	Pass
					3.85	2.121	0.0026	-2.5 to 2.5	Pass
					4.43	7.915	0.0096	-2.5 to 2.5	Pass
				-30	3.85	4.287	0.0052	-2.5 to 2.5	Pass
				-20	3.85	5.437	0.0066	-2.5 to 2.5	Pass
				-10	3.85	5.465	0.0066	-2.5 to 2.5	Pass
				0	3.85	1.114	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.894	0.0023	-2.5 to 2.5	Pass
				30	3.85	6.460	0.0078	-2.5 to 2.5	Pass
				40	3.85	0.822	0.0010	-2.5 to 2.5	Pass
				50	3.85	4.849	0.0059	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-3.114	-0.0037	-2.5 to 2.5	Pass
					3.85	-3.636	-0.0043	-2.5 to 2.5	Pass
					4.43	-5.521	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-3.459	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-1.762	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.106	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-0.081	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.089	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.050	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.066	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-2.234	-0.0027	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.039	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.832	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.639	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.653	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	4.813	0.0057	-2.5 to 2.5	Pass
				-10	3.85	3.250	0.0038	-2.5 to 2.5	Pass
				0	3.85	6.384	0.0075	-2.5 to 2.5	Pass
				10	3.85	-0.211	-0.0002	-2.5 to 2.5	Pass
				30	3.85	1.948	0.0023	-2.5 to 2.5	Pass
				40	3.85	-0.986	-0.0012	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-0.032	0.0000	-2.5 to 2.5	Pass
					3.85	4.642	0.0056	-2.5 to 2.5	Pass
					4.43	3.636	0.0044	-2.5 to 2.5	Pass
				-30	3.85	4.743	0.0057	-2.5 to 2.5	Pass
				-20	3.85	8.285	0.0100	-2.5 to 2.5	Pass
				-10	3.85	6.283	0.0076	-2.5 to 2.5	Pass
				0	3.85	8.260	0.0100	-2.5 to 2.5	Pass
				10	3.85	4.322	0.0052	-2.5 to 2.5	Pass
				30	3.85	5.210	0.0063	-2.5 to 2.5	Pass
				40	3.85	7.844	0.0095	-2.5 to 2.5	Pass
				50	3.85	3.356	0.0041	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-5.112	-0.0061	-2.5 to 2.5	Pass
					3.85	0.781	0.0009	-2.5 to 2.5	Pass
					4.43	1.059	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	0.495	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-4.352	-0.0052	-2.5 to 2.5	Pass
				0	3.85	1.554	0.0019	-2.5 to 2.5	Pass

				10	3.85	-0.453	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.810	-0.0034	-2.5 to 2.5	Pass
				40	3.85	0.583	0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.867	-0.0034	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	0.901	0.0011	-2.5 to 2.5	Pass
					3.85	5.297	0.0063	-2.5 to 2.5	Pass
					4.43	-0.134	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.839	0.0045	-2.5 to 2.5	Pass
				-20	3.85	3.708	0.0044	-2.5 to 2.5	Pass
				-10	3.85	3.901	0.0046	-2.5 to 2.5	Pass
				0	3.85	2.328	0.0027	-2.5 to 2.5	Pass
				10	3.85	4.864	0.0057	-2.5 to 2.5	Pass
				30	3.85	-1.775	-0.0021	-2.5 to 2.5	Pass
				40	3.85	4.506	0.0053	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0002	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	3.487	0.0042	-2.5 to 2.5	Pass
					3.85	-2.020	-0.0024	-2.5 to 2.5	Pass
					4.43	1.962	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.903	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.130	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.114	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.960	0.0048	-2.5 to 2.5	Pass
				10	3.85	5.022	0.0061	-2.5 to 2.5	Pass
				30	3.85	2.140	0.0026	-2.5 to 2.5	Pass
				40	3.85	5.469	0.0066	-2.5 to 2.5	Pass
				50	3.85	6.020	0.0073	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	1.080	0.0013	-2.5 to 2.5	Pass
					3.85	1.267	0.0015	-2.5 to 2.5	Pass
					4.43	-3.220	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-2.745	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-2.233	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-0.337	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.109	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.885	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.680	-0.0032	-2.5 to 2.5	Pass
				40	3.85	2.069	0.0025	-2.5 to 2.5	Pass
				50	3.85	1.252	0.0015	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	3.581	0.0042	-2.5 to 2.5	Pass
					3.85	0.607	0.0007	-2.5 to 2.5	Pass
					4.43	5.885	0.0070	-2.5 to 2.5	Pass
				-30	3.85	5.039	0.0060	-2.5 to 2.5	Pass
				-20	3.85	1.992	0.0024	-2.5 to 2.5	Pass
				-10	3.85	4.573	0.0054	-2.5 to 2.5	Pass
				0	3.85	3.888	0.0046	-2.5 to 2.5	Pass
				10	3.85	7.219	0.0085	-2.5 to 2.5	Pass
				30	3.85	2.875	0.0034	-2.5 to 2.5	Pass
				40	3.85	7.814	0.0092	-2.5 to 2.5	Pass
				50	3.85	6.258	0.0074	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-0.207	-0.0003	-2.5 to 2.5	Pass

					3.85	-0.235	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.409	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.357	0.0016	-2.5 to 2.5	Pass
				-20	3.85	6.191	0.0075	-2.5 to 2.5	Pass
				-10	3.85	0.737	0.0009	-2.5 to 2.5	Pass
				0	3.85	3.097	0.0037	-2.5 to 2.5	Pass
				10	3.85	6.295	0.0076	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0013	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.717	0.0009	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	2.026	0.0024	-2.5 to 2.5	Pass
					3.85	-4.197	-0.0050	-2.5 to 2.5	Pass
					4.43	-2.113	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.545	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-4.457	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-2.912	-0.0035	-2.5 to 2.5	Pass
				0	3.85	0.127	0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.955	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.828	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-5.014	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-4.264	-0.0051	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	3.970	0.0047	-2.5 to 2.5	Pass
					3.85	6.384	0.0075	-2.5 to 2.5	Pass
					4.43	9.373	0.0111	-2.5 to 2.5	Pass
				-30	3.85	4.182	0.0049	-2.5 to 2.5	Pass
				-20	3.85	2.356	0.0028	-2.5 to 2.5	Pass
				-10	3.85	6.975	0.0082	-2.5 to 2.5	Pass
				0	3.85	4.789	0.0057	-2.5 to 2.5	Pass
				10	3.85	0.245	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.029	0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.863	-0.0010	-2.5 to 2.5	Pass
				50	3.85	6.641	0.0078	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-1.088	-0.0013	-2.5 to 2.5	Pass
					3.85	0.571	0.0007	-2.5 to 2.5	Pass
					4.43	-2.027	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-3.531	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	0.995	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.247	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.549	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.339	-0.0028	-2.5 to 2.5	Pass
				30	3.85	0.642	0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.083	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-4.000	-0.0048	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-3.855	-0.0046	-2.5 to 2.5	Pass
					3.85	0.347	0.0004	-2.5 to 2.5	Pass
					4.43	-5.849	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-5.591	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-5.048	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	1.561	0.0019	-2.5 to 2.5	Pass

				0	3.85	-2.162	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-5.387	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-6.536	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-5.877	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-5.700	-0.0068	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.653	-0.0020	-2.5 to 2.5	Pass
					3.85	0.577	0.0007	-2.5 to 2.5	Pass
					4.43	-2.953	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.022	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.412	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-4.983	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-0.600	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.726	-0.0044	-2.5 to 2.5	Pass
				40	3.85	2.331	0.0028	-2.5 to 2.5	Pass
				50	3.85	1.383	0.0016	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-2.655	-0.0032	-2.5 to 2.5	Pass
					3.85	-0.535	-0.0006	-2.5 to 2.5	Pass
					4.43	-5.347	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	2.349	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.932	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	1.927	0.0023	-2.5 to 2.5	Pass
				0	3.85	2.428	0.0029	-2.5 to 2.5	Pass
				10	3.85	-3.657	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-4.716	-0.0057	-2.5 to 2.5	Pass
				40	3.85	2.319	0.0028	-2.5 to 2.5	Pass
				50	3.85	2.693	0.0032	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-5.781	-0.0069	-2.5 to 2.5	Pass
					3.85	-4.437	-0.0053	-2.5 to 2.5	Pass
					4.43	-0.595	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.307	0.0028	-2.5 to 2.5	Pass
				-20	3.85	2.905	0.0035	-2.5 to 2.5	Pass
				-10	3.85	-4.214	-0.0050	-2.5 to 2.5	Pass
				0	3.85	0.807	0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.266	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-3.976	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-0.551	-0.0007	-2.5 to 2.5	Pass
				50	3.85	1.393	0.0017	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-3.122	-0.0037	-2.5 to 2.5	Pass
					3.85	-0.624	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.705	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.334	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-3.324	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	0.432	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.752	0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-4.225	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-4.133	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-2.663	-0.0032	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.104	/	Pass
		836.5	6	0	1.117	/	Pass
		848.3	6	0	1.106	/	Pass
	16QAM	824.7	6	0	1.100	/	Pass
		836.5	6	0	1.104	/	Pass
		848.3	6	0	1.108	/	Pass
3	QPSK	825.5	15	0	2.746	/	Pass
		836.5	15	0	2.747	/	Pass
		847.5	15	0	2.751	/	Pass
	16QAM	825.5	15	0	2.735	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.737	/	Pass
5	QPSK	826.5	25	0	4.567	/	Pass
		836.5	25	0	4.558	/	Pass
		846.5	25	0	4.552	/	Pass
	16QAM	826.5	25	0	4.543	/	Pass
		836.5	25	0	4.559	/	Pass
		846.5	25	0	4.572	/	Pass
10	QPSK	829	50	0	9.078	/	Pass
		836.5	50	0	9.069	/	Pass
		844	50	0	9.025	/	Pass
	16QAM	829	50	0	9.071	/	Pass
		836.5	50	0	9.026	/	Pass
		844	50	0	9.024	/	Pass

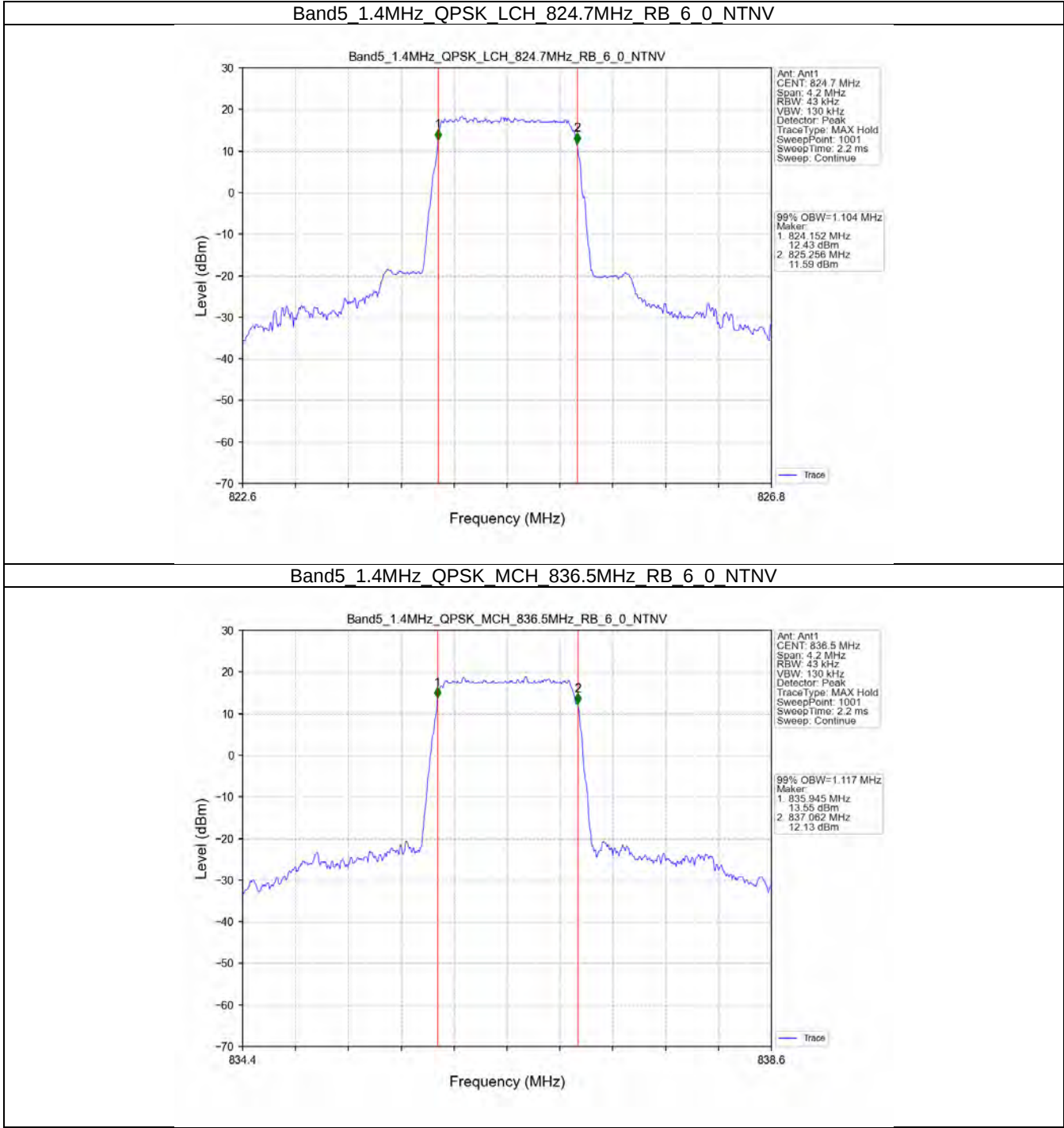
3.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.260	/	Pass
		836.5	6	0	1.265	/	Pass
		848.3	6	0	1.264	/	Pass
	16QAM	824.7	6	0	1.250	/	Pass
		836.5	6	0	1.272	/	Pass
		848.3	6	0	1.266	/	Pass
3	QPSK	825.5	15	0	3.063	/	Pass
		836.5	15	0	3.063	/	Pass
		847.5	15	0	3.069	/	Pass
	16QAM	825.5	15	0	3.057	/	Pass
		836.5	15	0	3.057	/	Pass
		847.5	15	0	3.066	/	Pass
5	QPSK	826.5	25	0	5.060	/	Pass
		836.5	25	0	5.060	/	Pass
		846.5	25	0	5.084	/	Pass
	16QAM	826.5	25	0	5.035	/	Pass
		836.5	25	0	5.070	/	Pass
		846.5	25	0	5.096	/	Pass
10	QPSK	829	50	0	10.048	/	Pass
		836.5	50	0	9.914	/	Pass

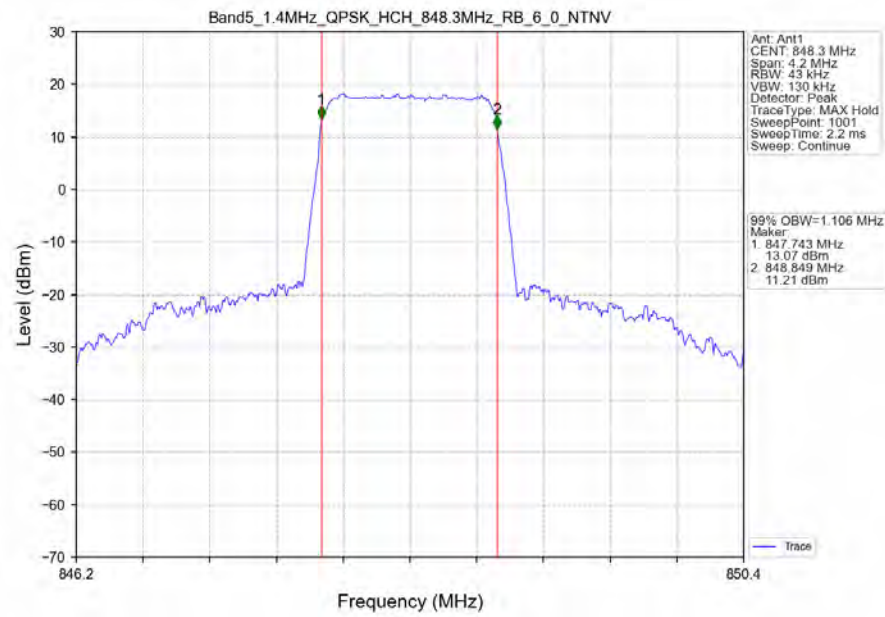
		844	50	0	10.023	/	Pass
	16QAM	829	50	0	9.938	/	Pass
		836.5	50	0	9.941	/	Pass
		844	50	0	9.975	/	Pass

3.2 Test Graph

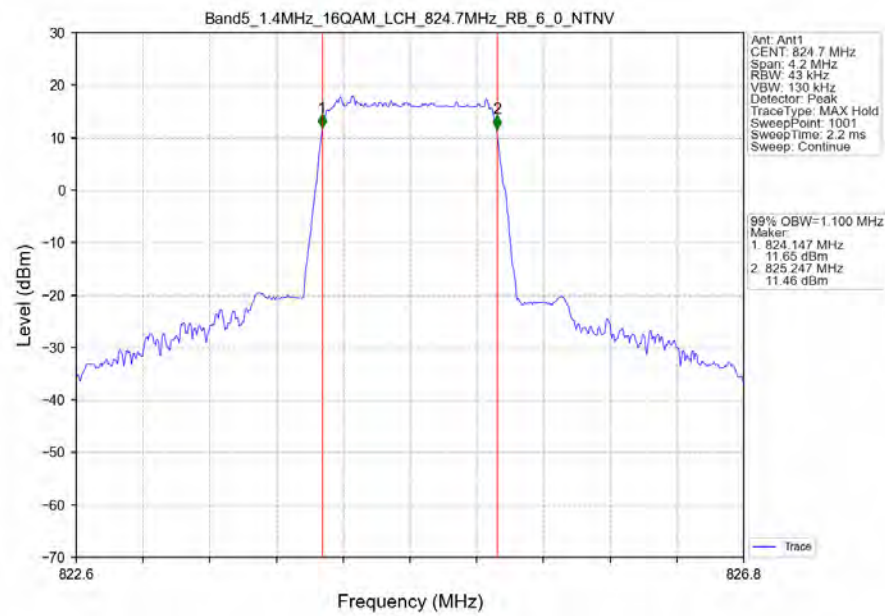
3.2.1 Band5_OBW



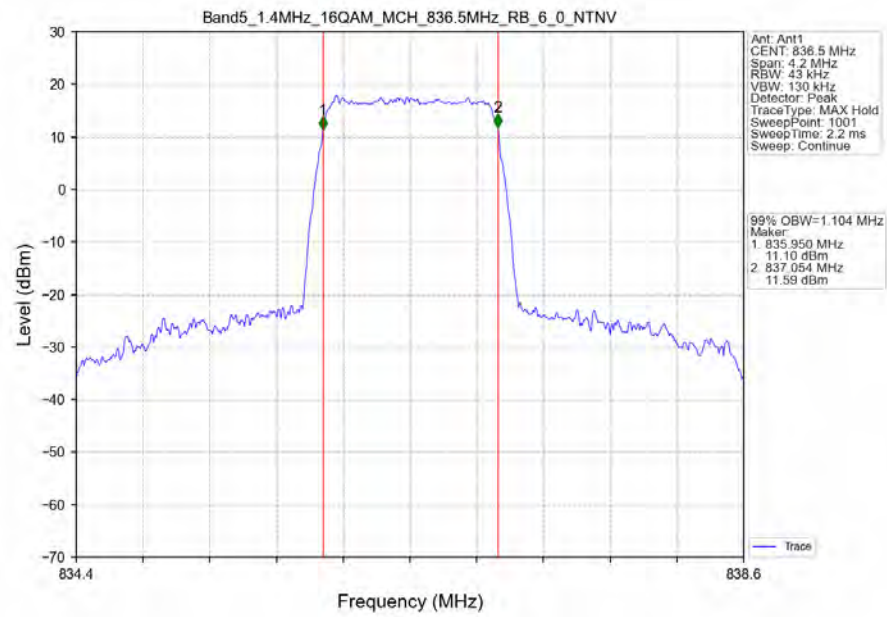
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



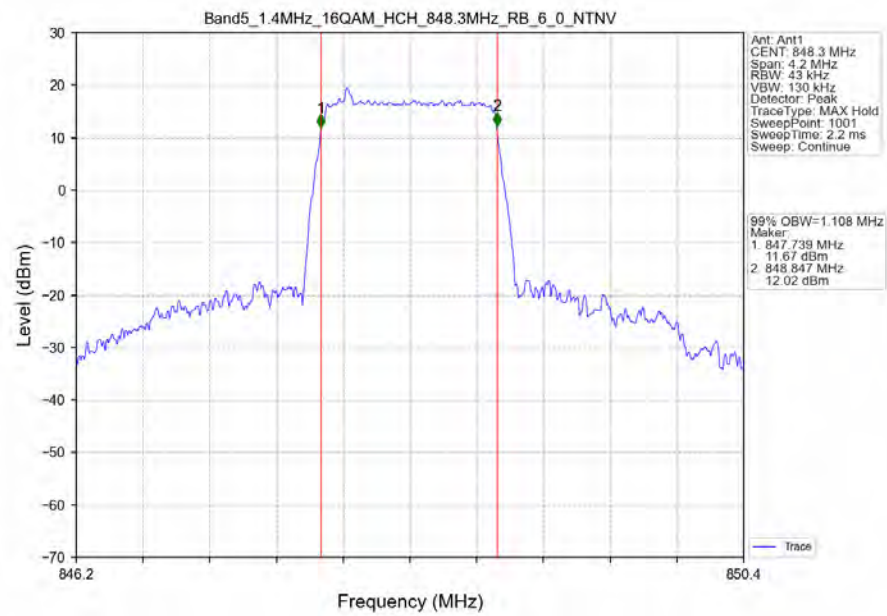
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



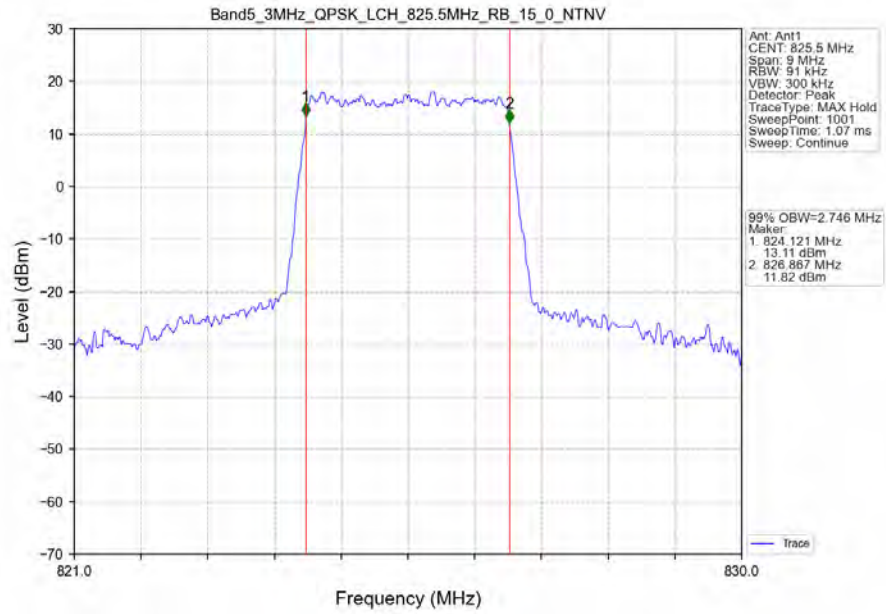
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



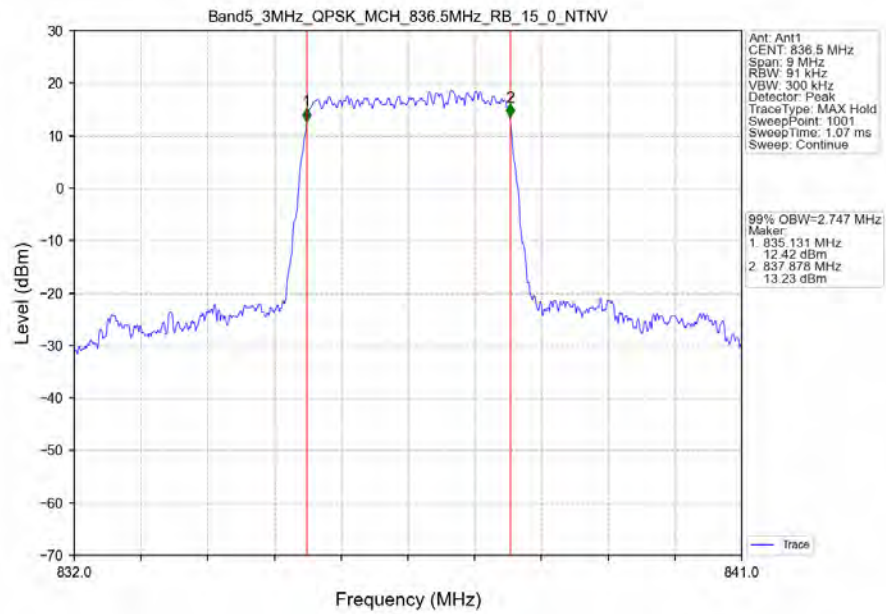
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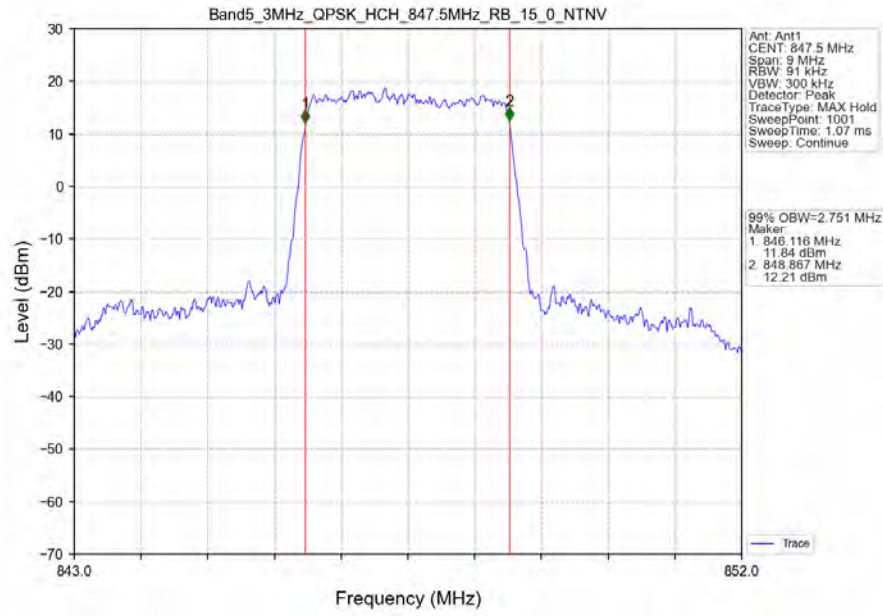
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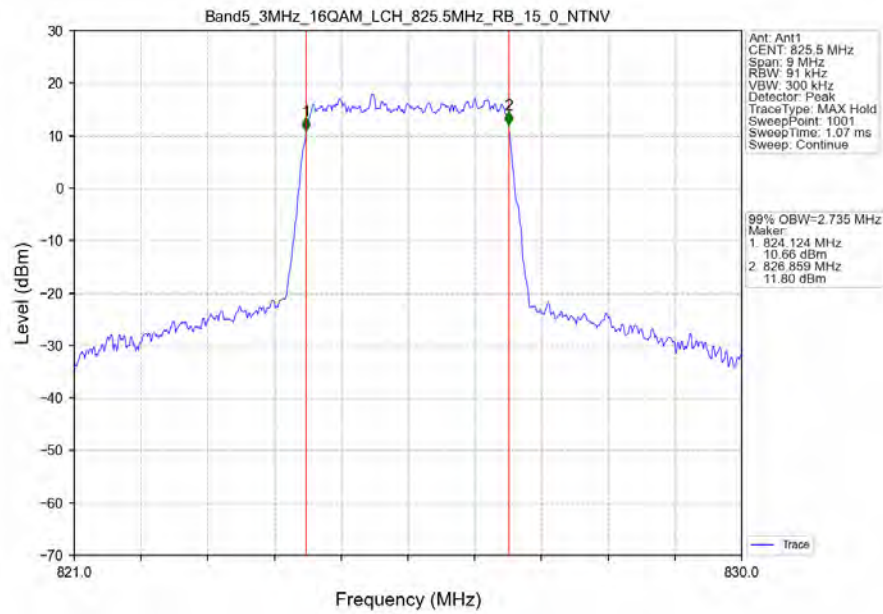
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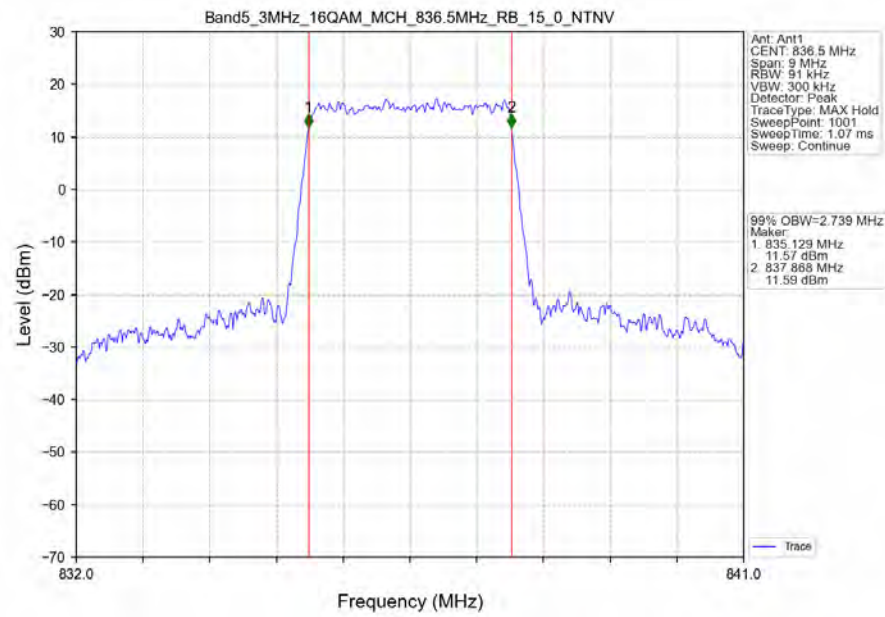
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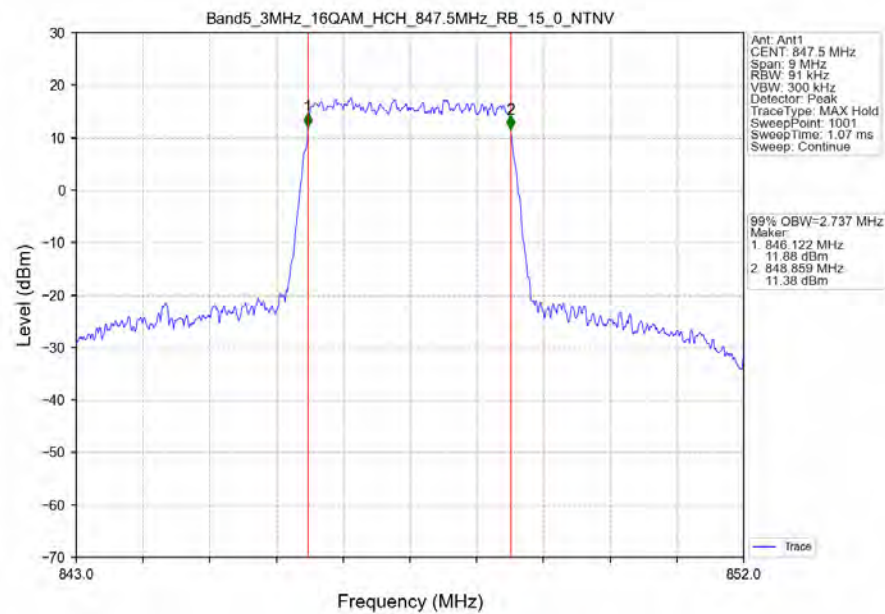
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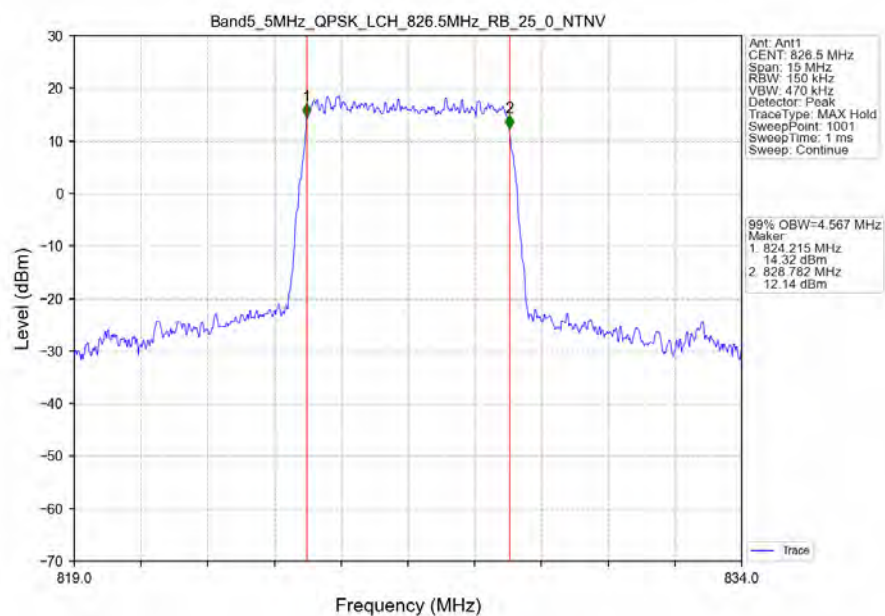
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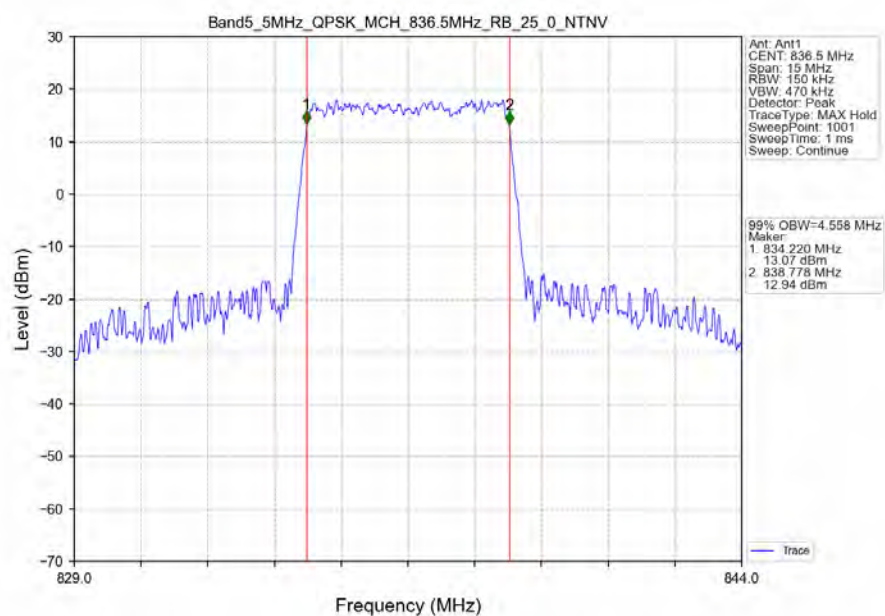
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



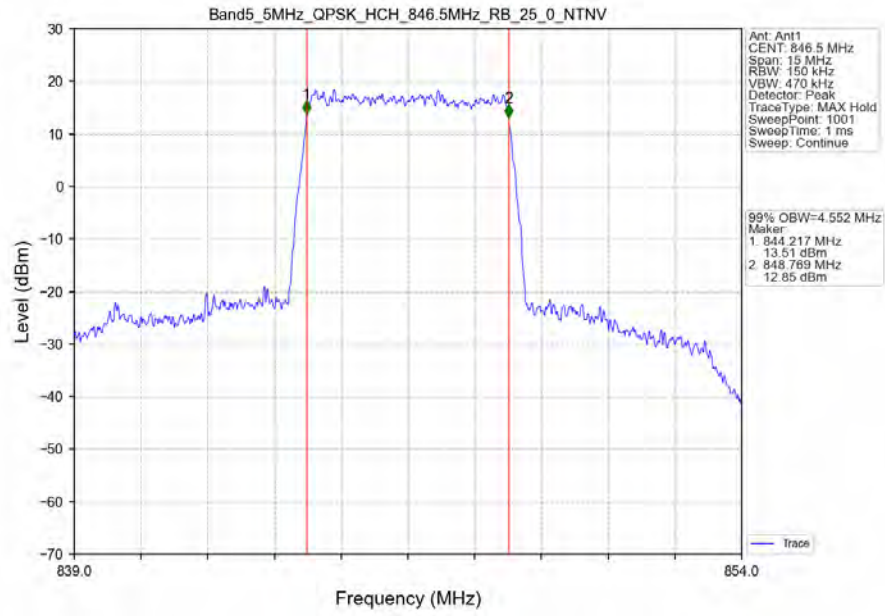
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



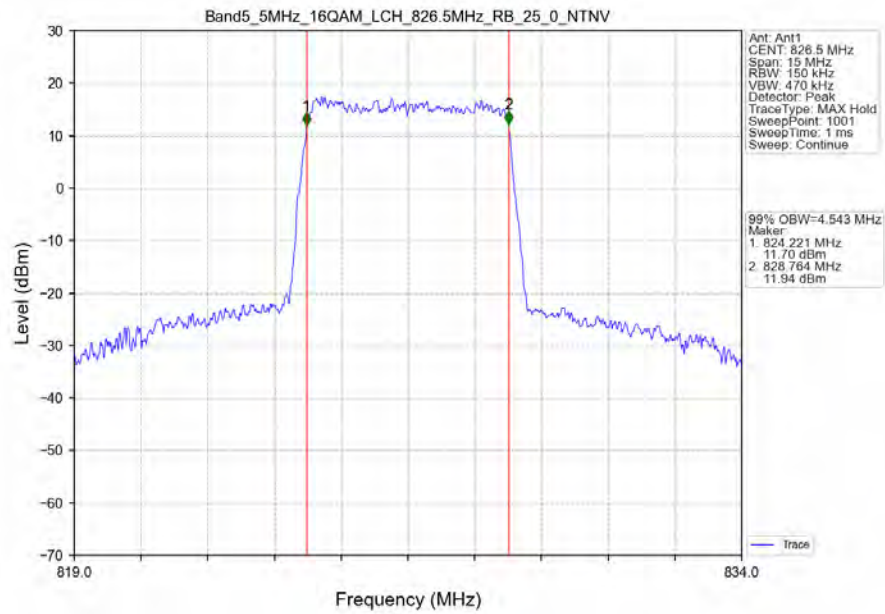
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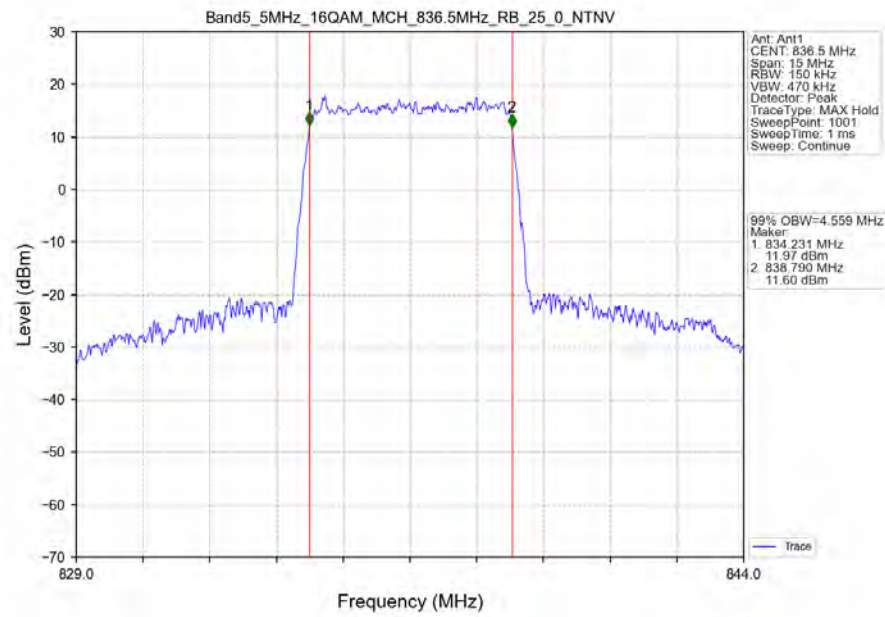
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



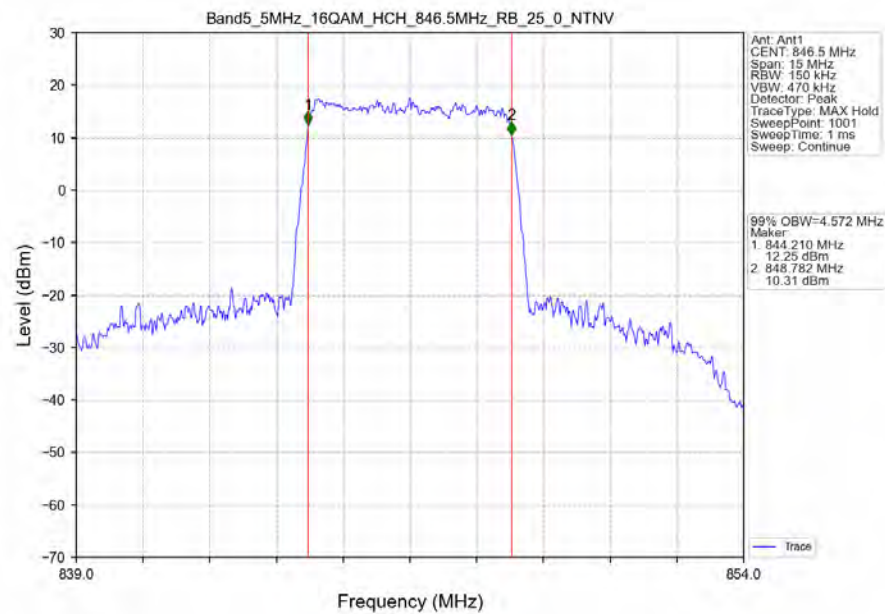
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



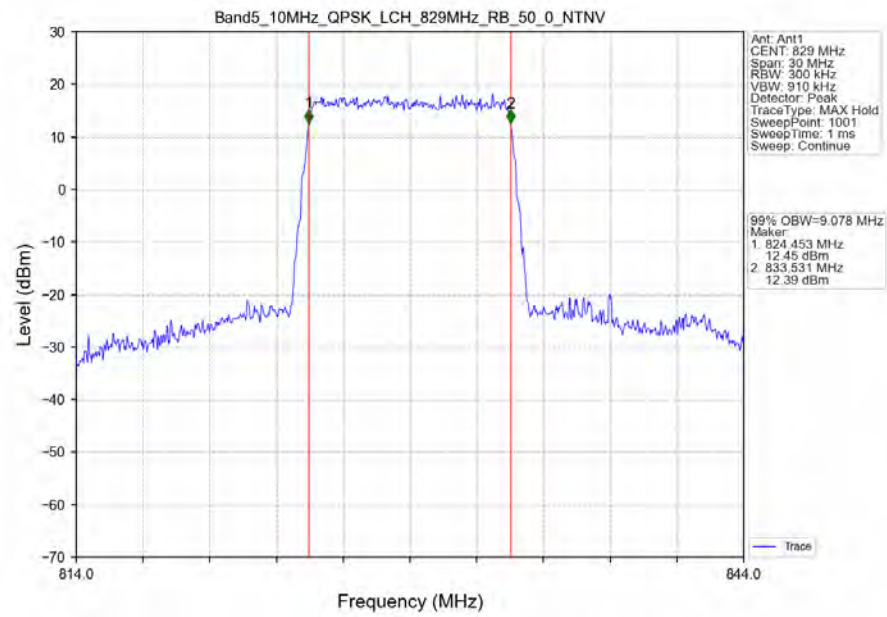
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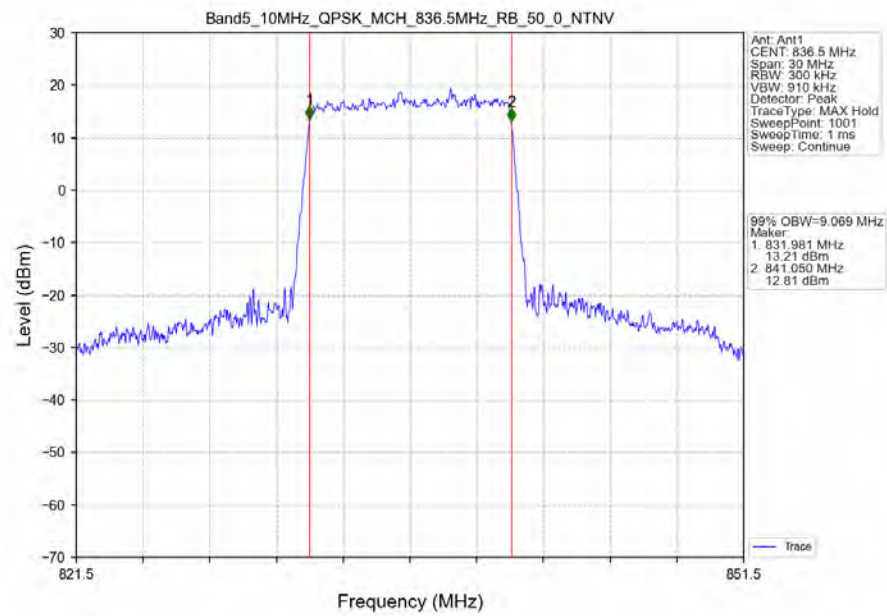
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



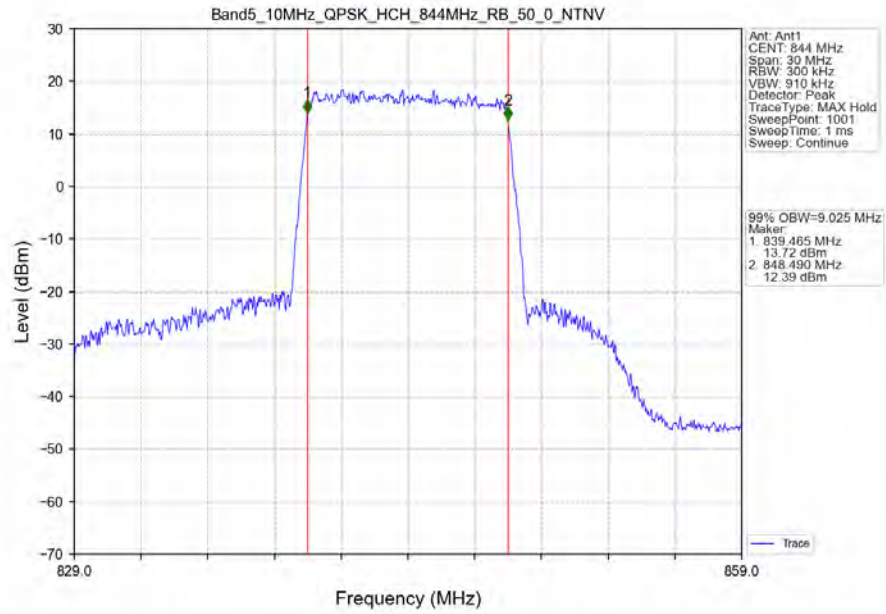
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



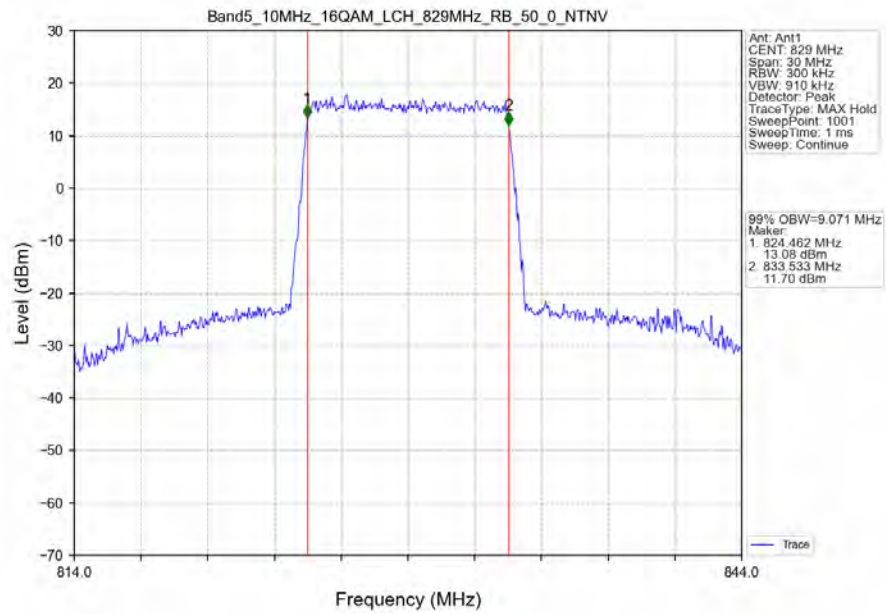
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



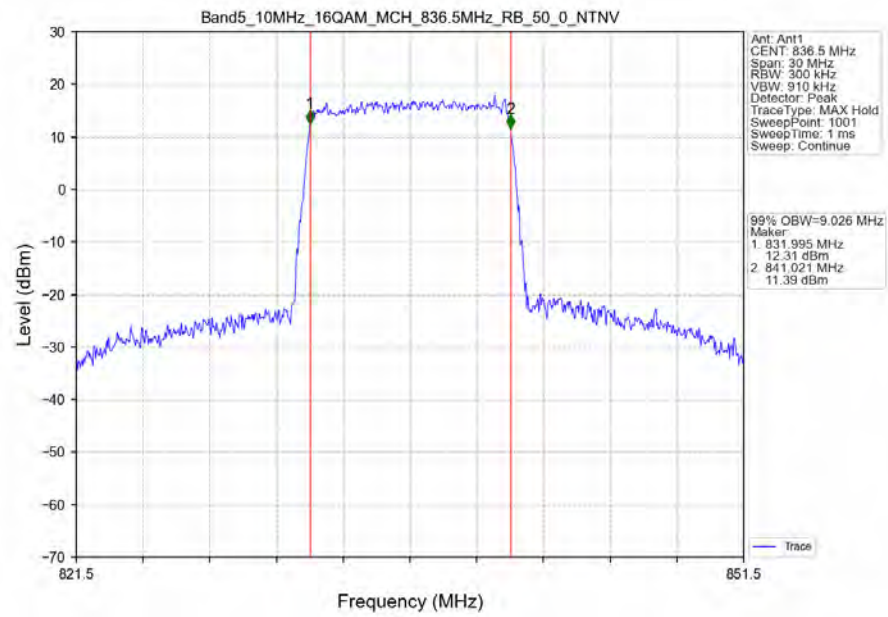
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



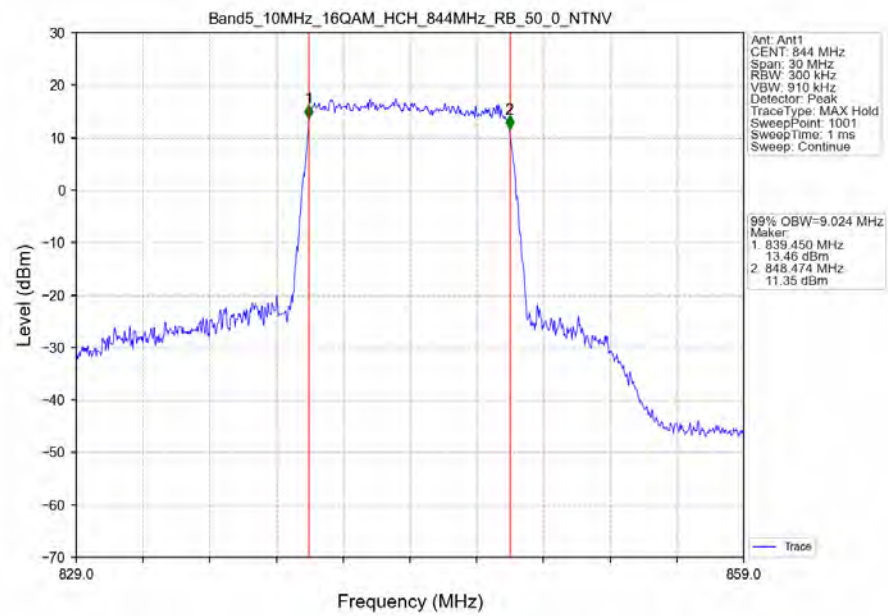
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



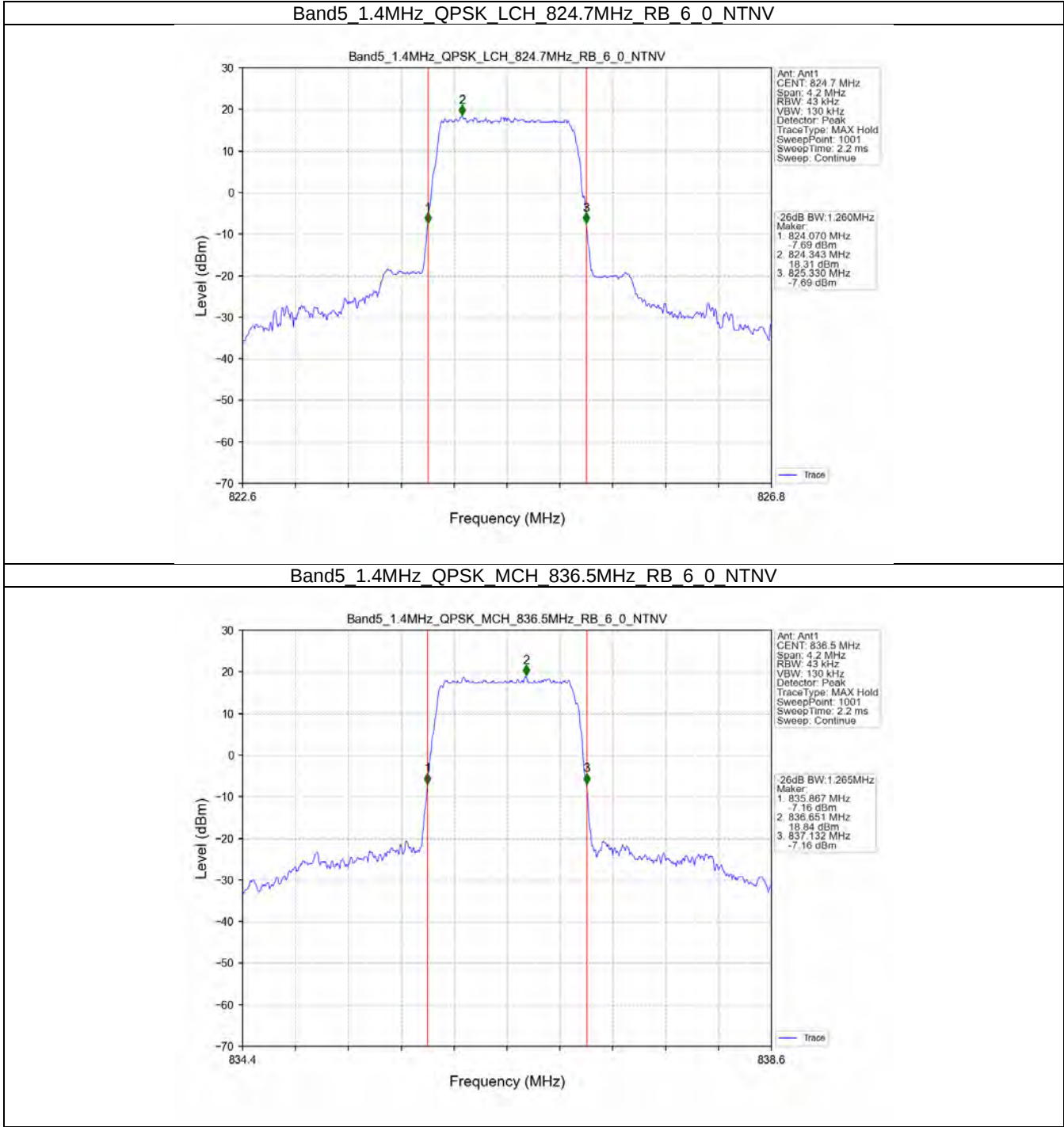
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



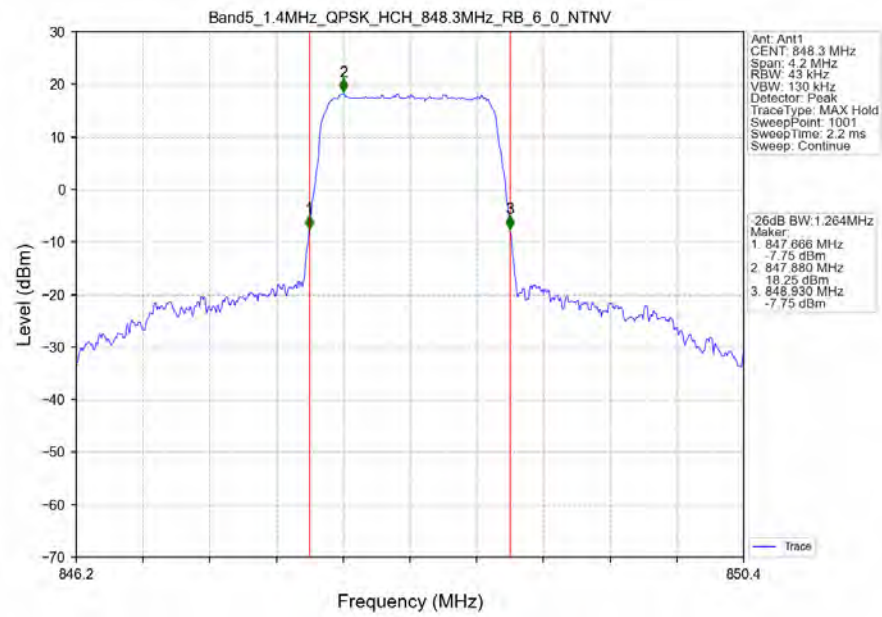
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



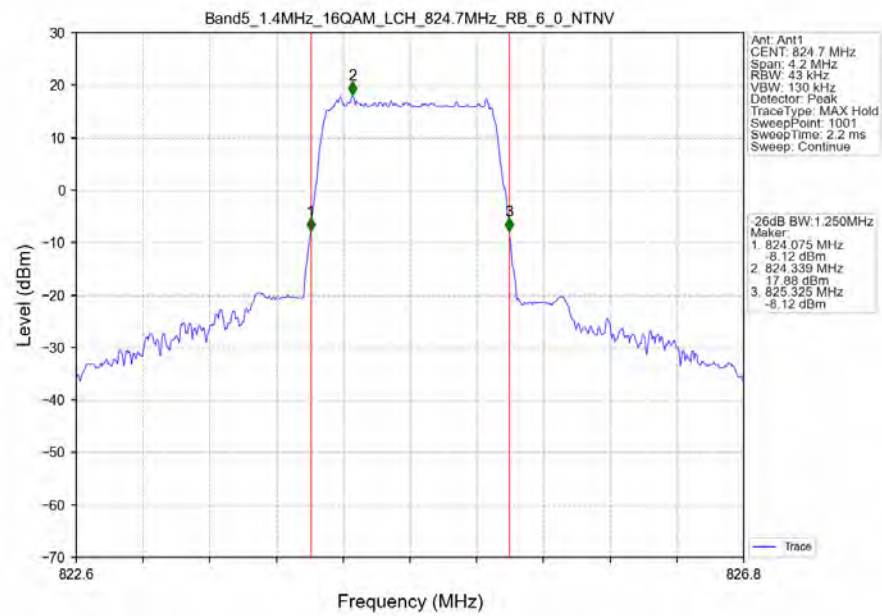
3.2.2 Band5_XDB



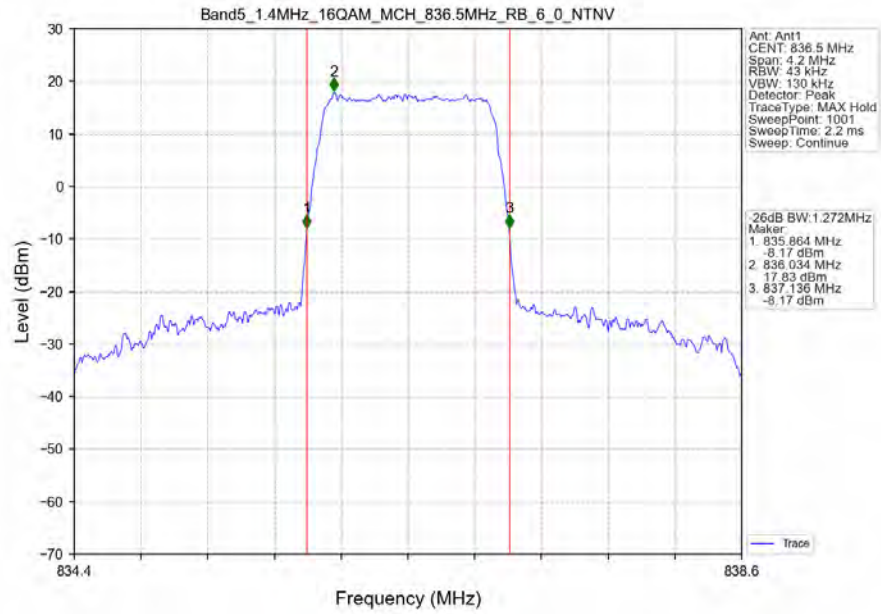
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



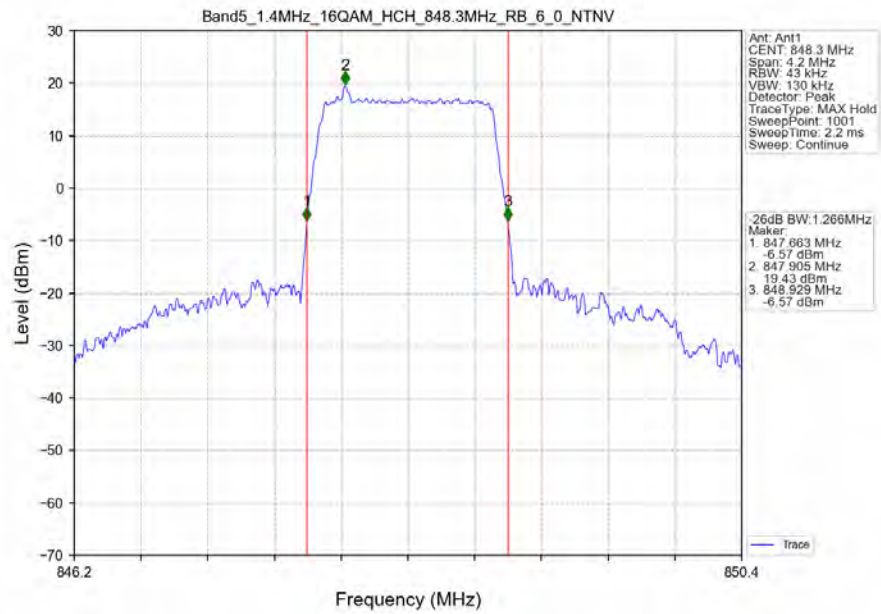
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



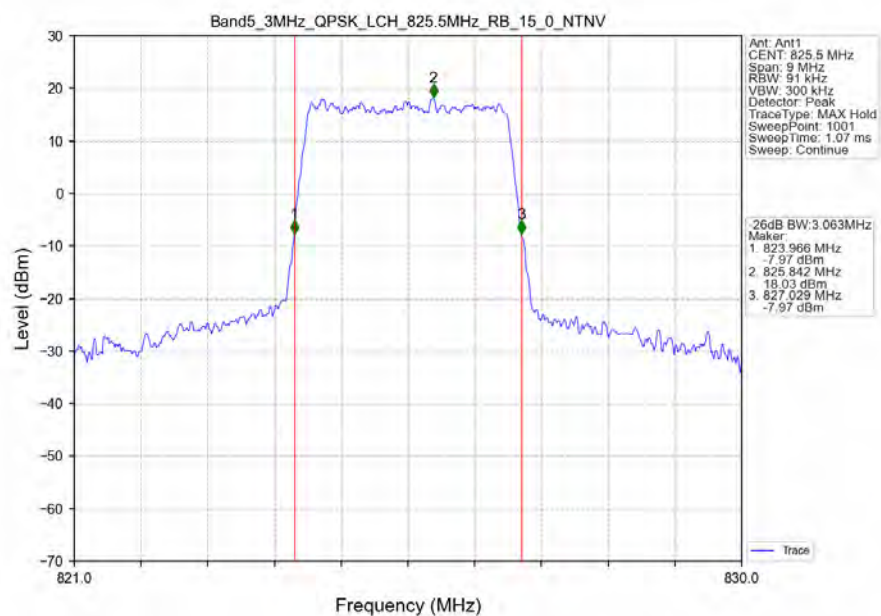
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



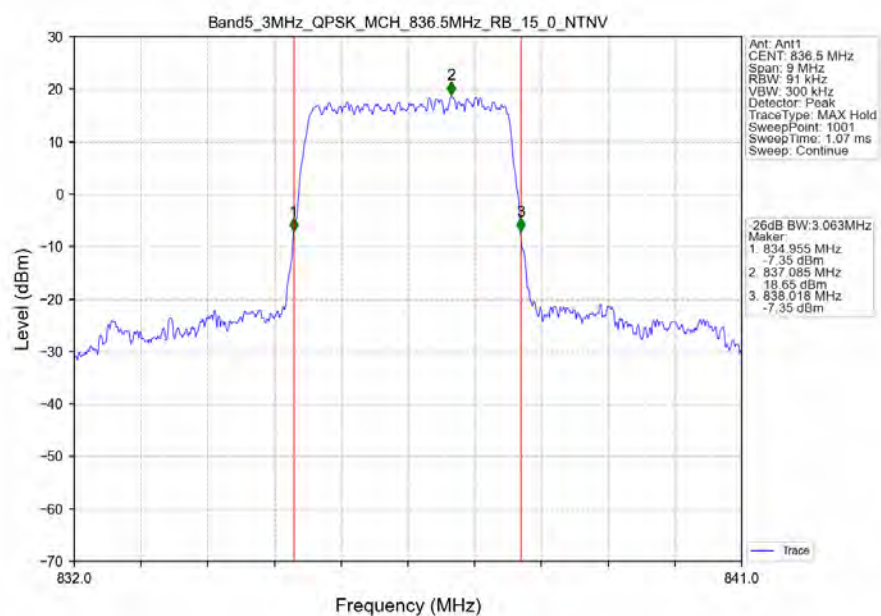
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



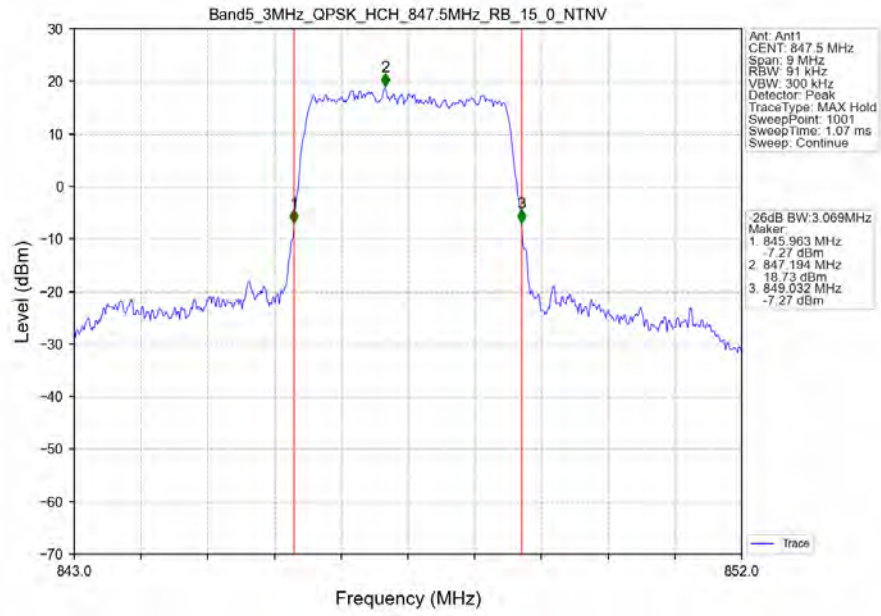
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



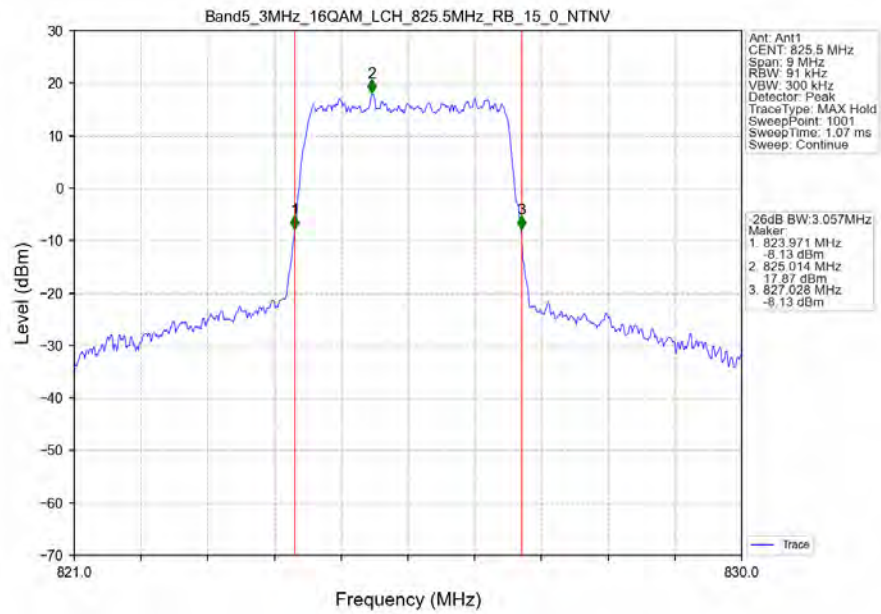
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



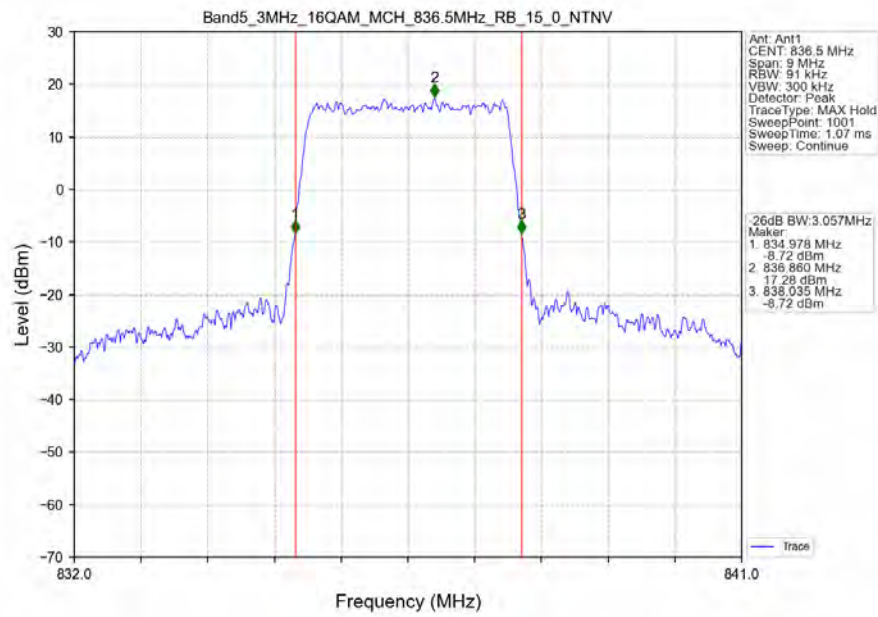
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



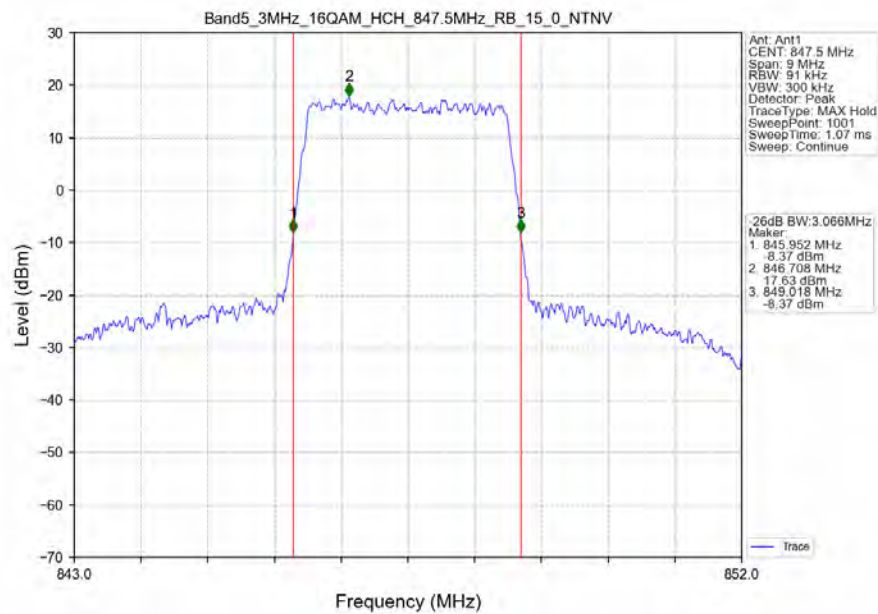
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



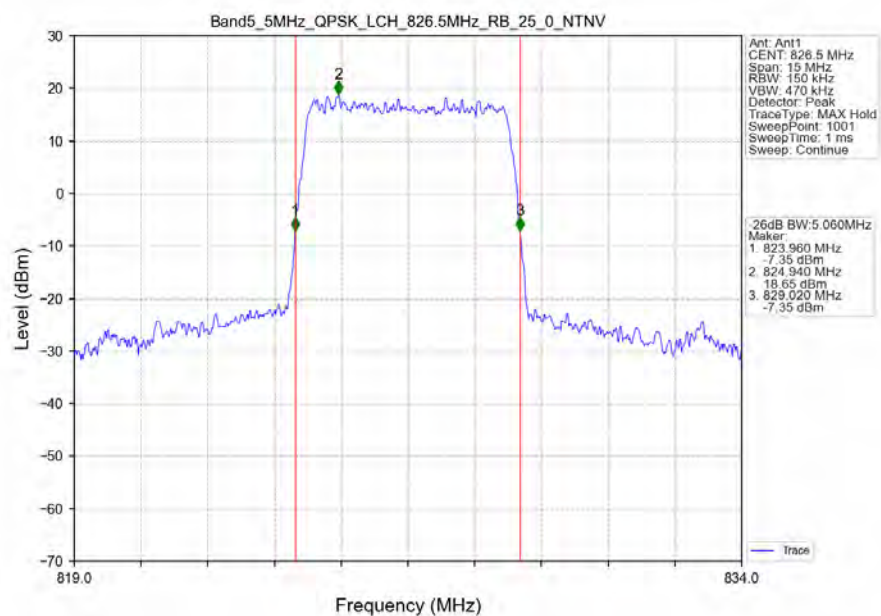
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



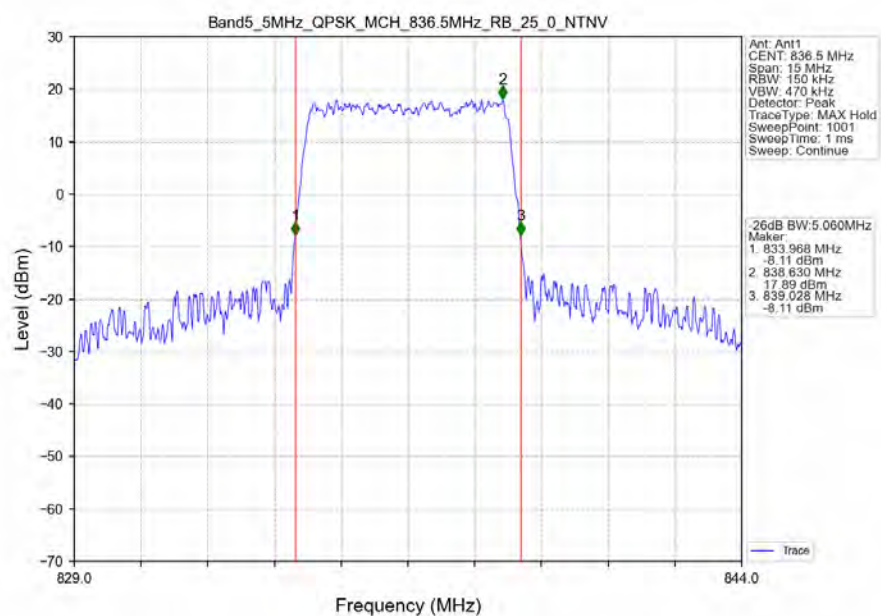
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



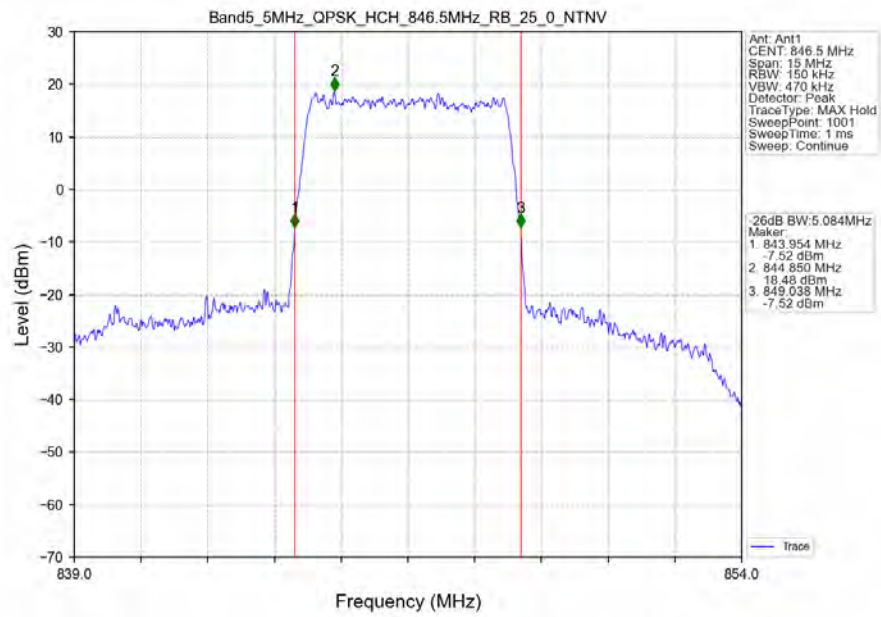
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



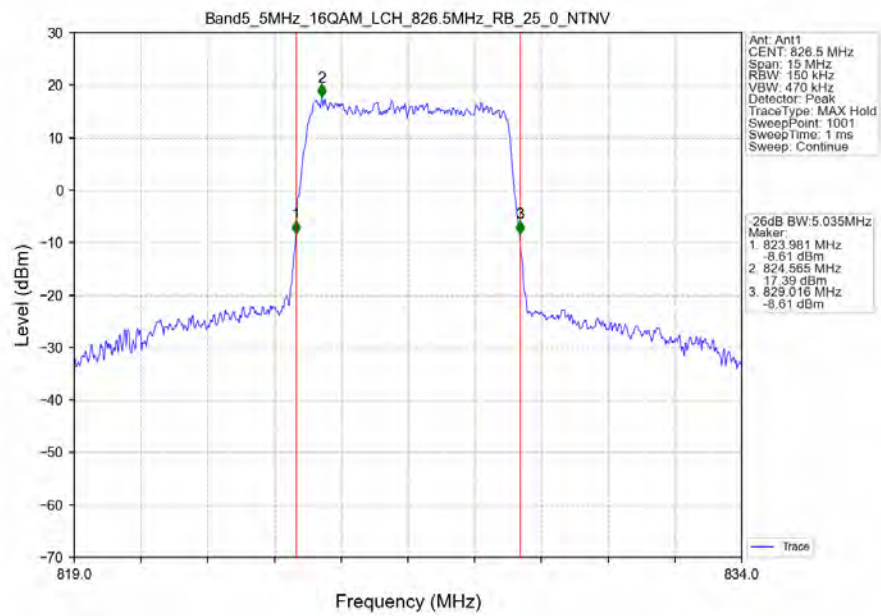
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



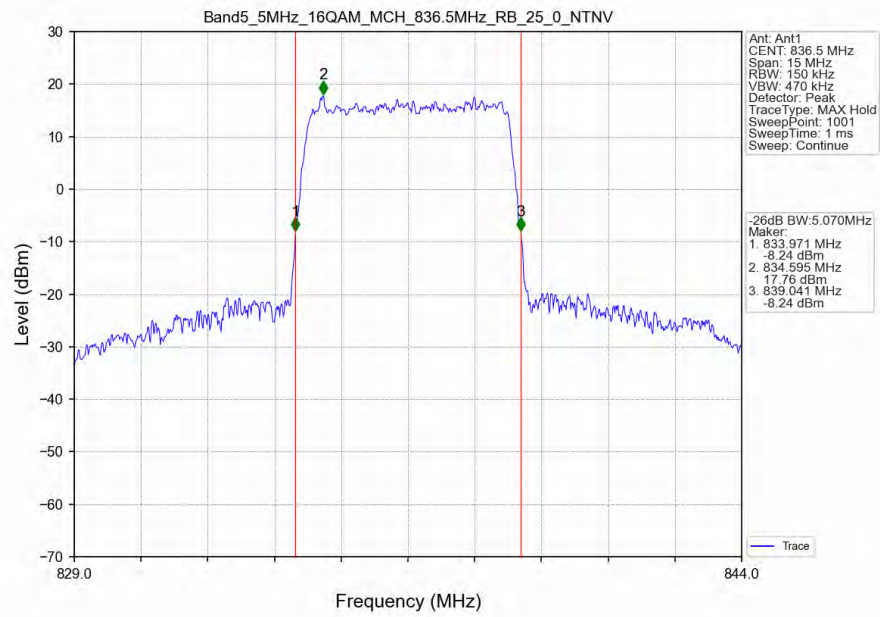
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



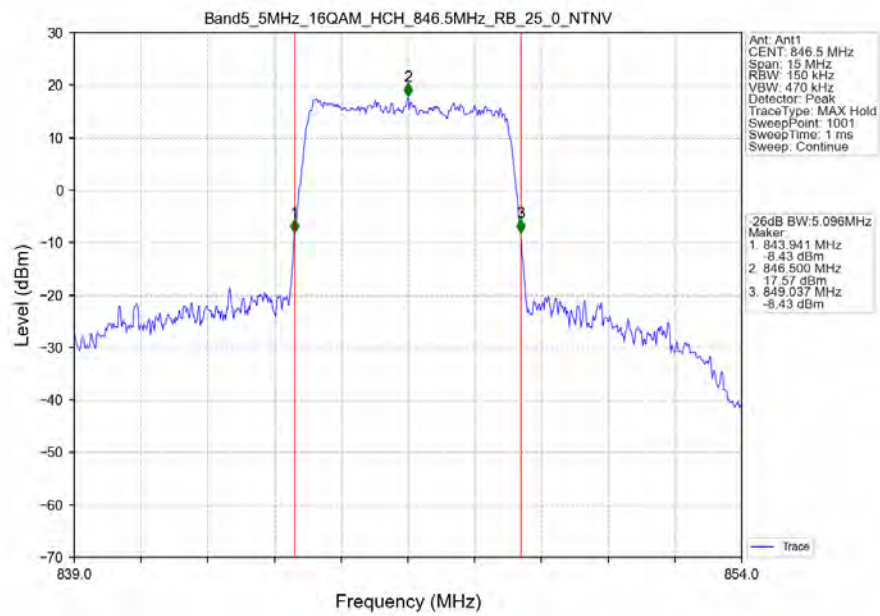
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



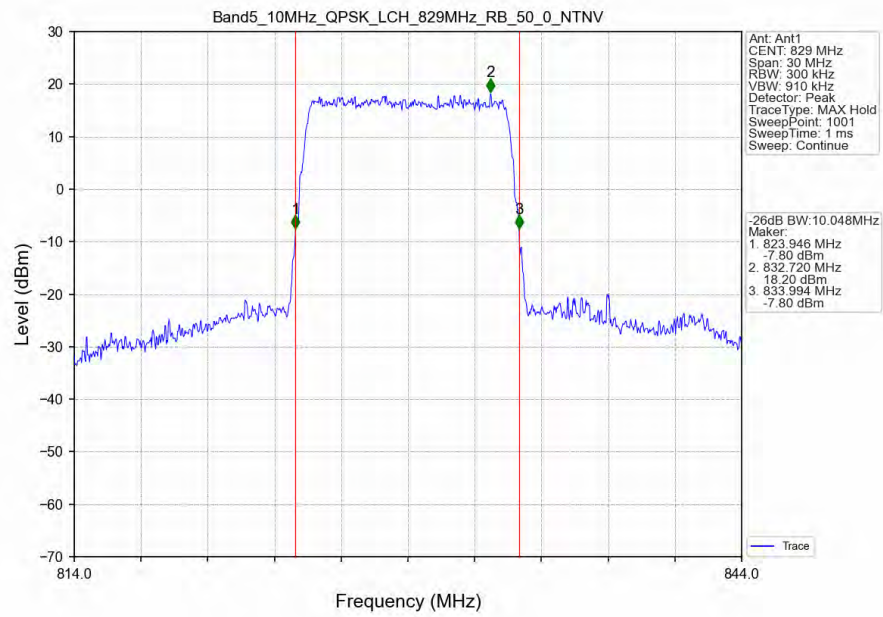
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



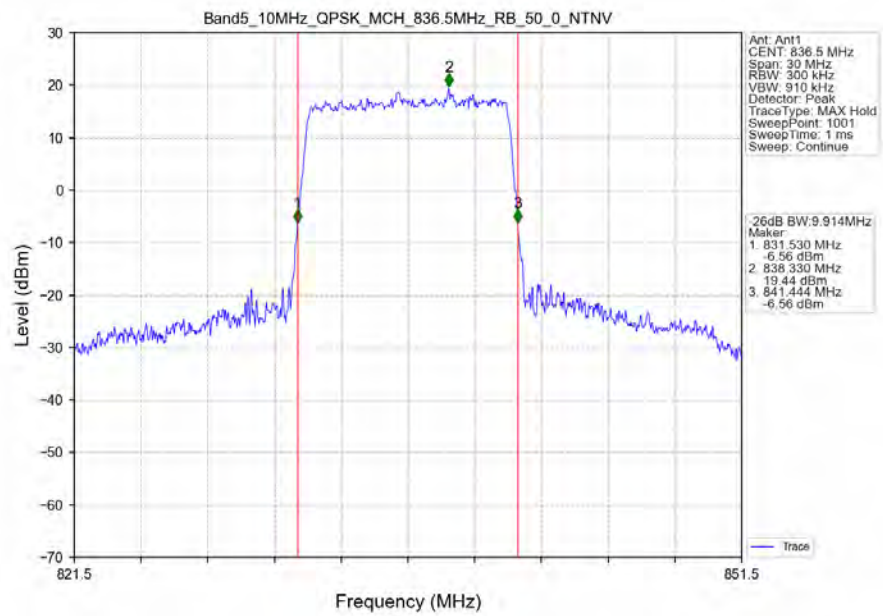
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



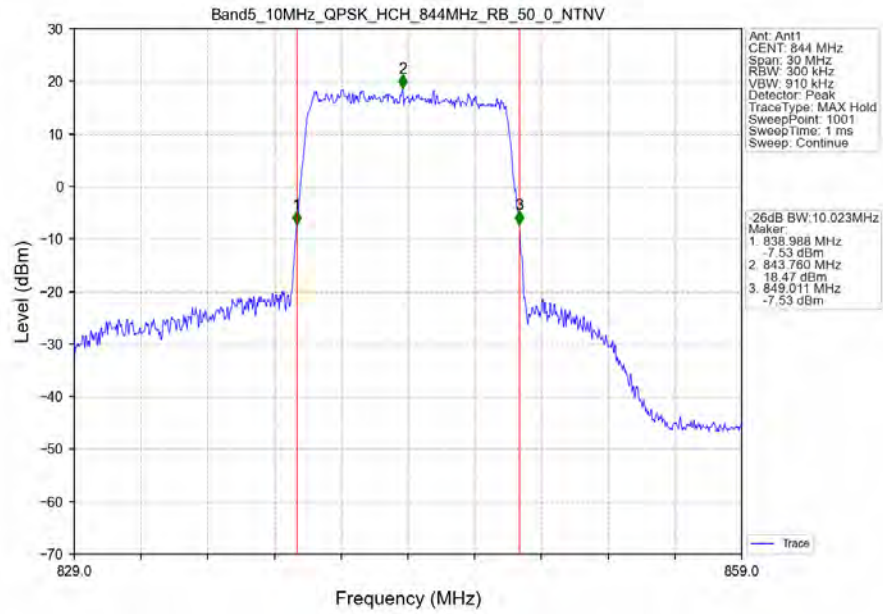
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



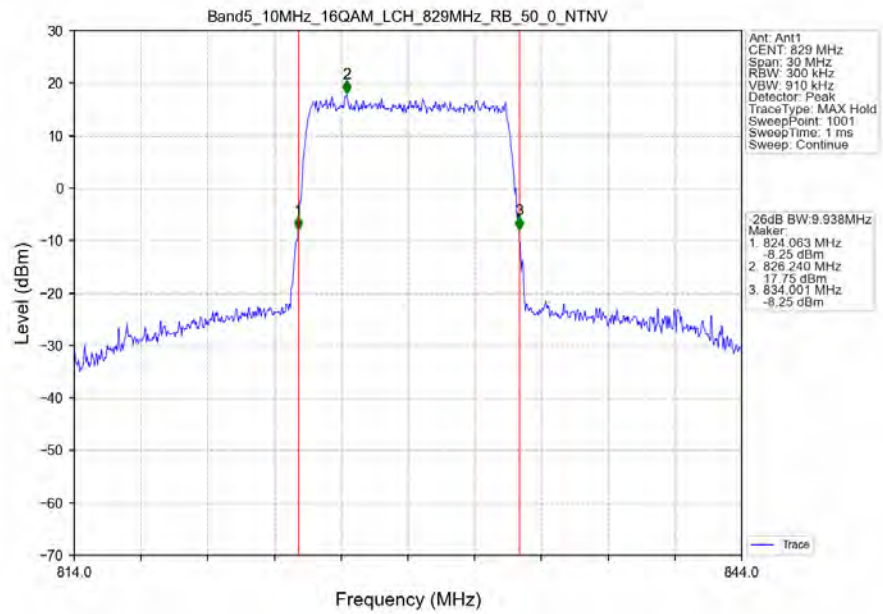
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



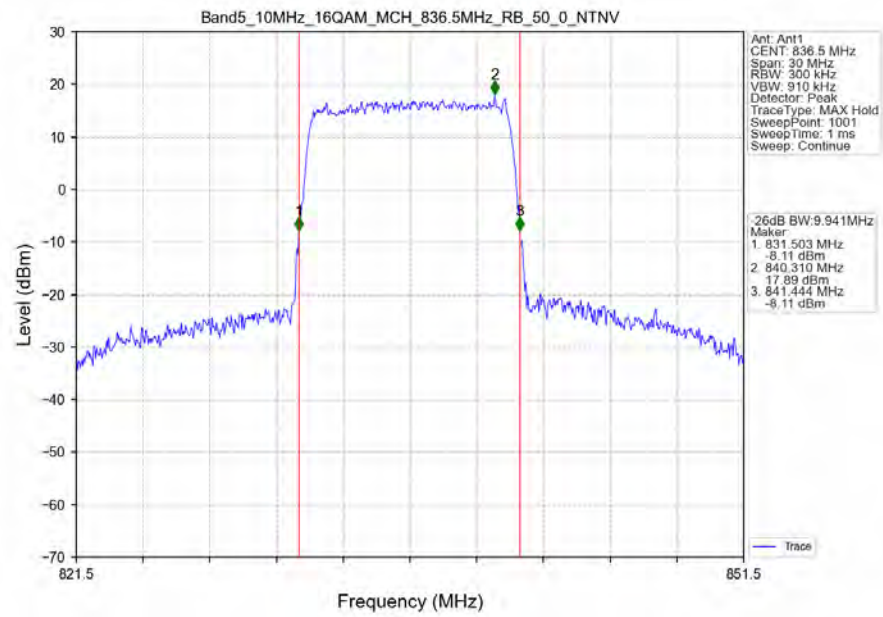
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



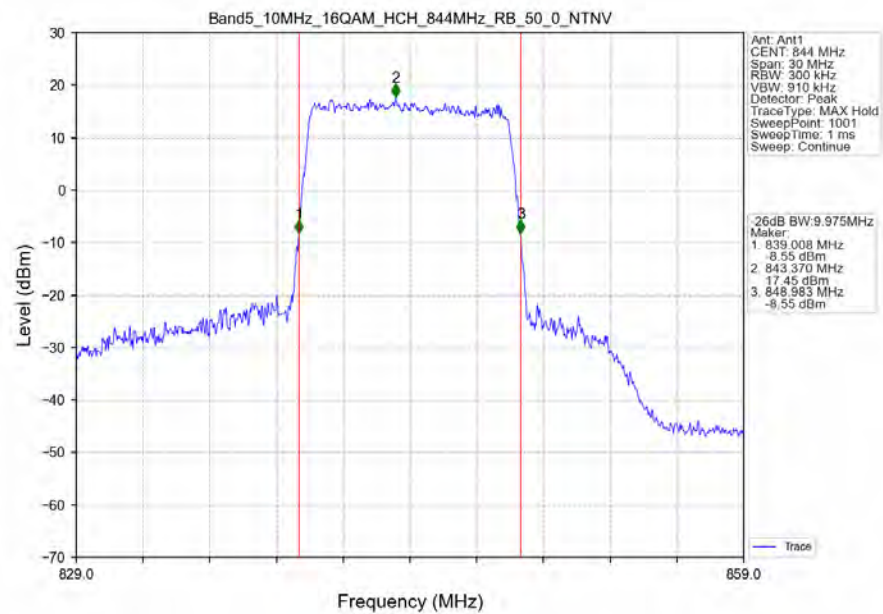
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.63	<=13	Pass
	836.5	6	0	5.07	<=13	Pass
	848.3	6	0	4.73	<=13	Pass
16QAM	824.7	6	0	6.57	<=13	Pass
	836.5	6	0	5.97	<=13	Pass
	848.3	6	0	5.64	<=13	Pass

4.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.73	<=13	Pass
	836.5	15	0	5.14	<=13	Pass
	847.5	15	0	5.06	<=13	Pass
16QAM	825.5	15	0	6.56	<=13	Pass
	836.5	15	0	6.02	<=13	Pass
	847.5	15	0	5.91	<=13	Pass

4.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.73	<=13	Pass
	836.5	25	0	5.36	<=13	Pass
	846.5	25	0	5.32	<=13	Pass
16QAM	826.5	25	0	6.47	<=13	Pass
	836.5	25	0	6.12	<=13	Pass
	846.5	25	0	6.12	<=13	Pass

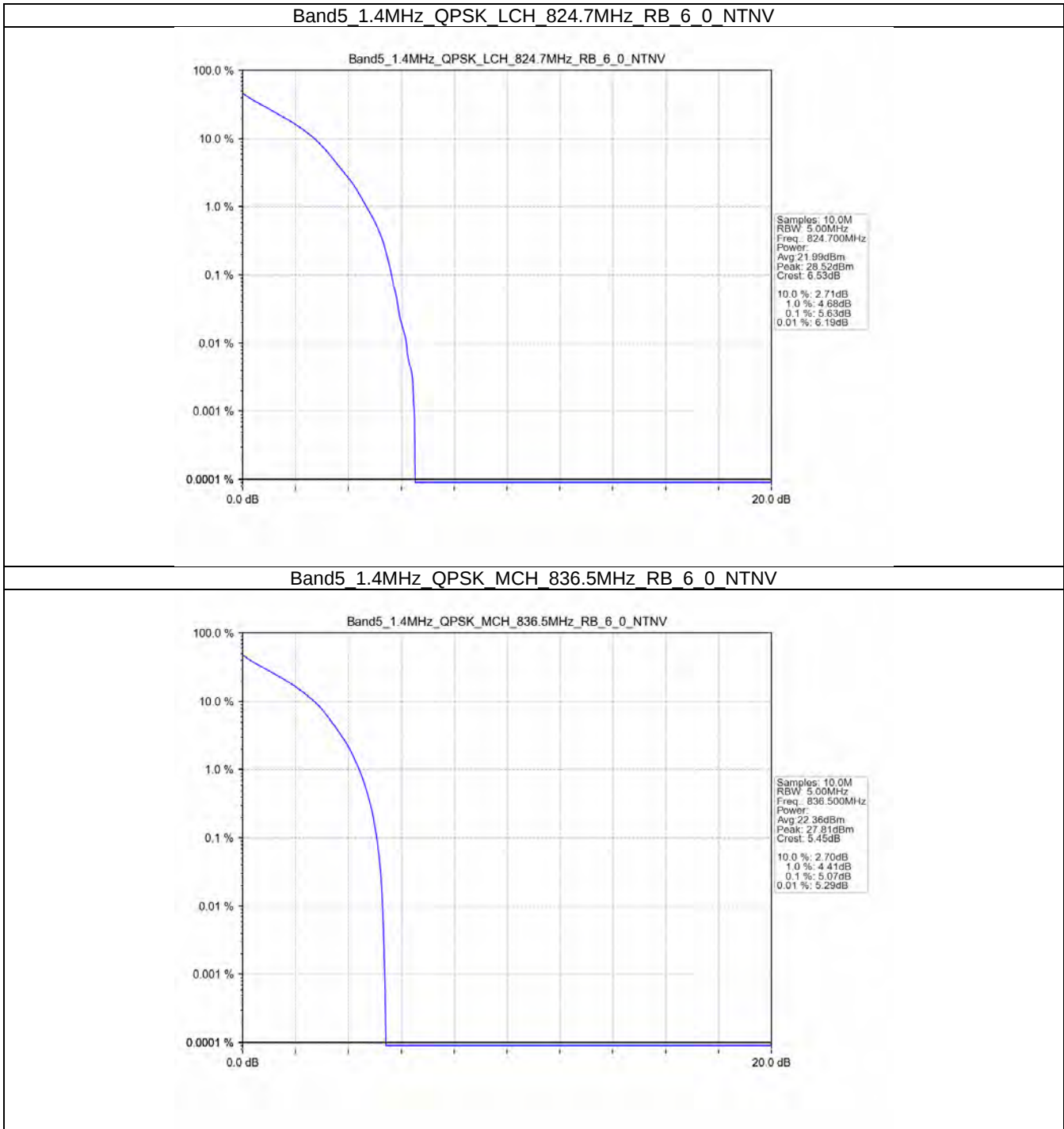
4.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.58	<=13	Pass
	836.5	50	0	5.30	<=13	Pass
	844	50	0	5.35	<=13	Pass

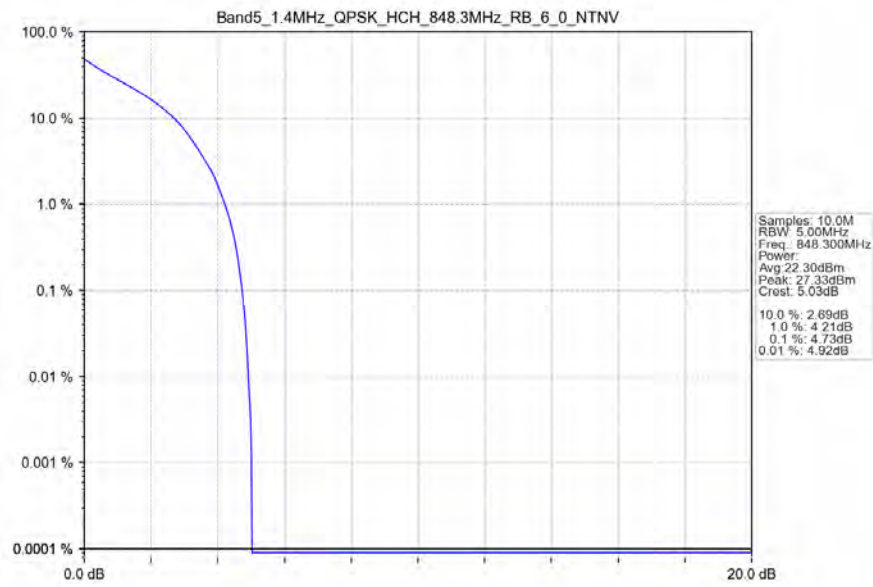
16QAM	829	50	0	6.39	≤ 13	Pass
	836.5	50	0	6.15	≤ 13	Pass
	844	50	0	6.16	≤ 13	Pass

4.2 Test Graph

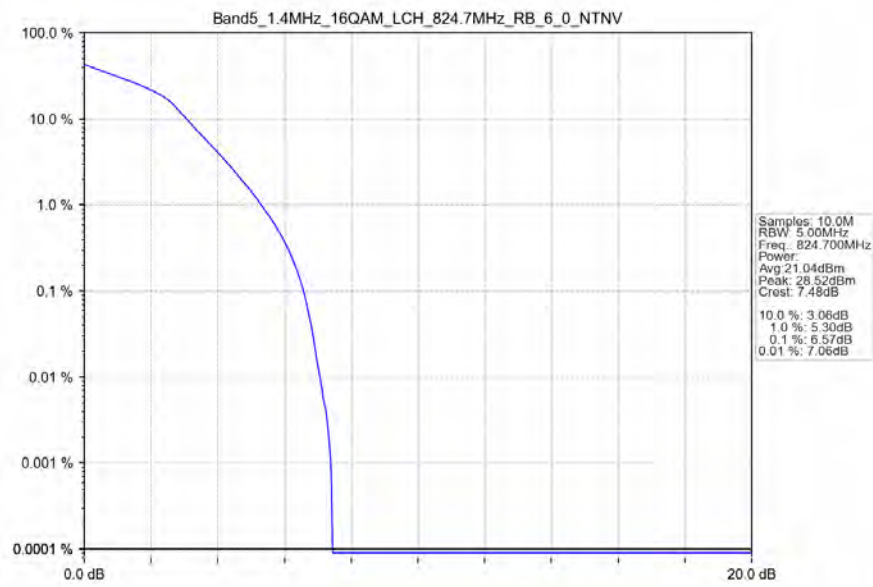
4.2.1 B5_1.4MHz



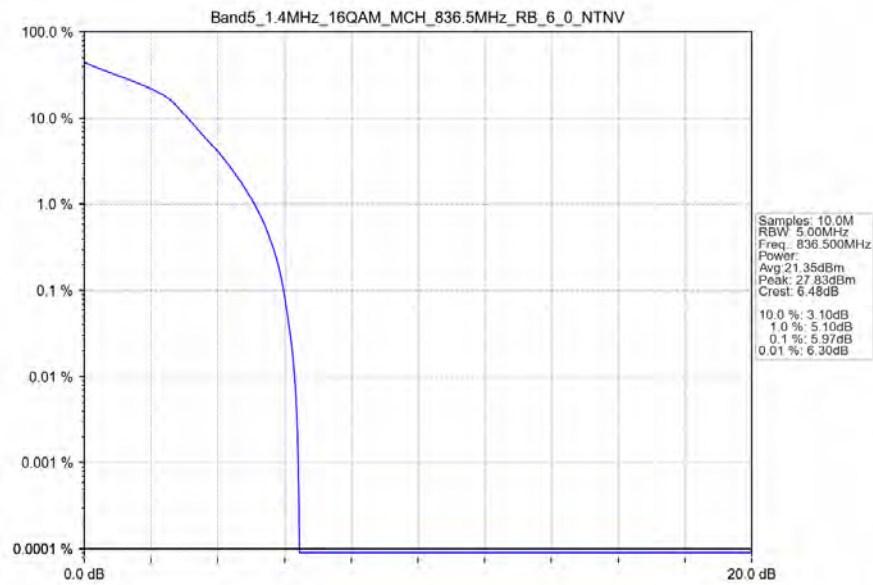
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



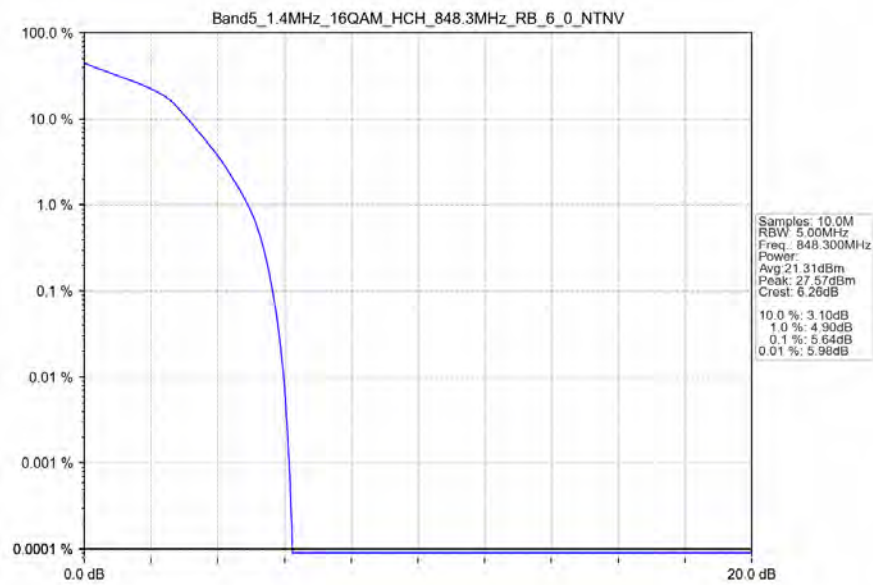
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



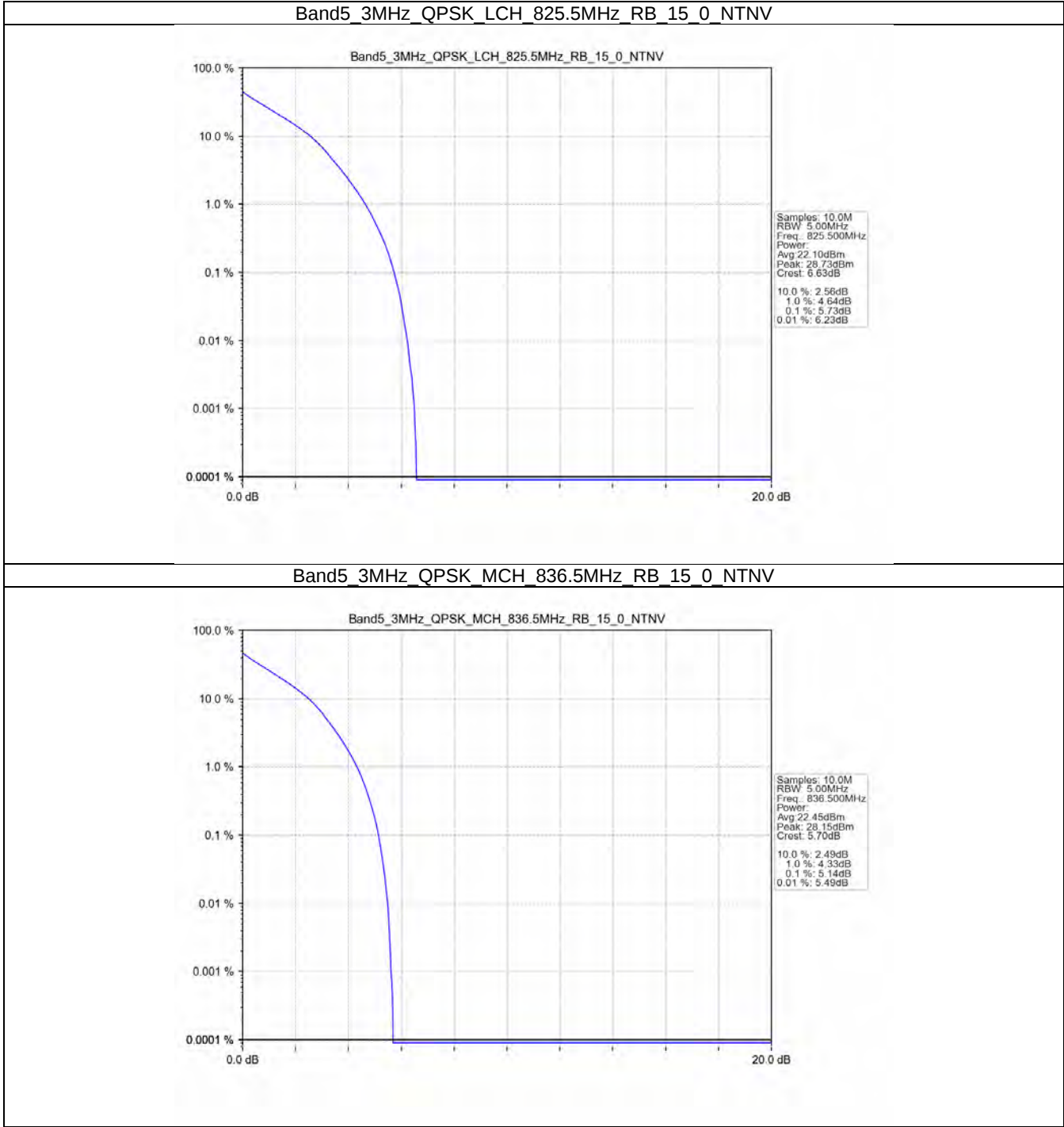
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



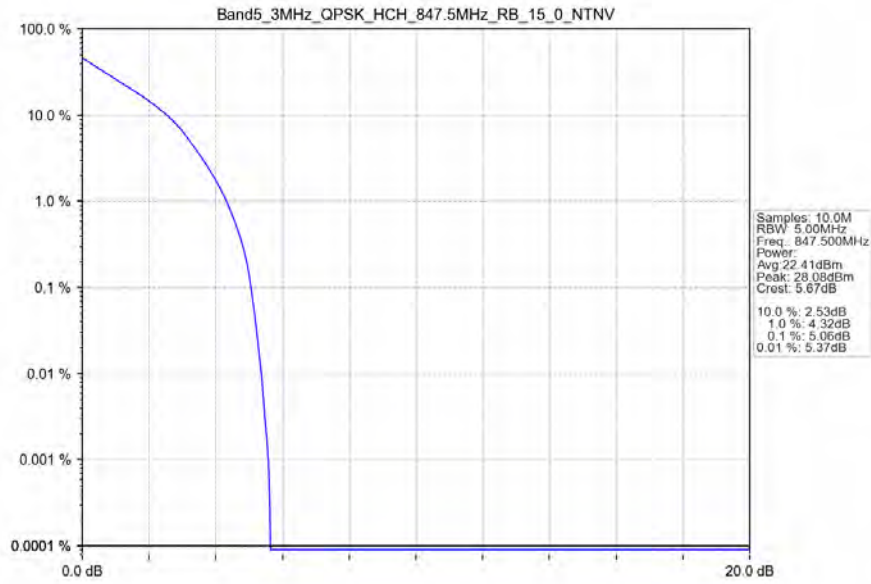
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



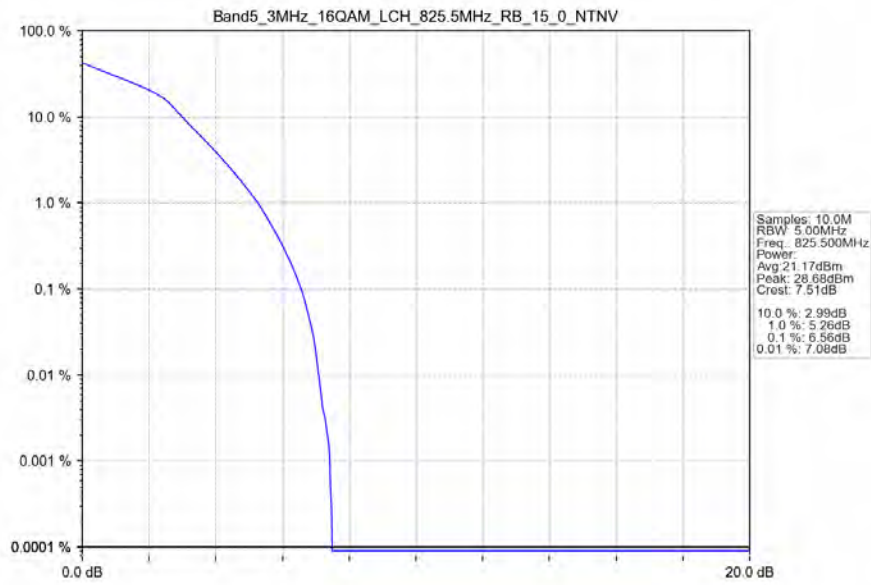
4.2.2 B5_3MHz



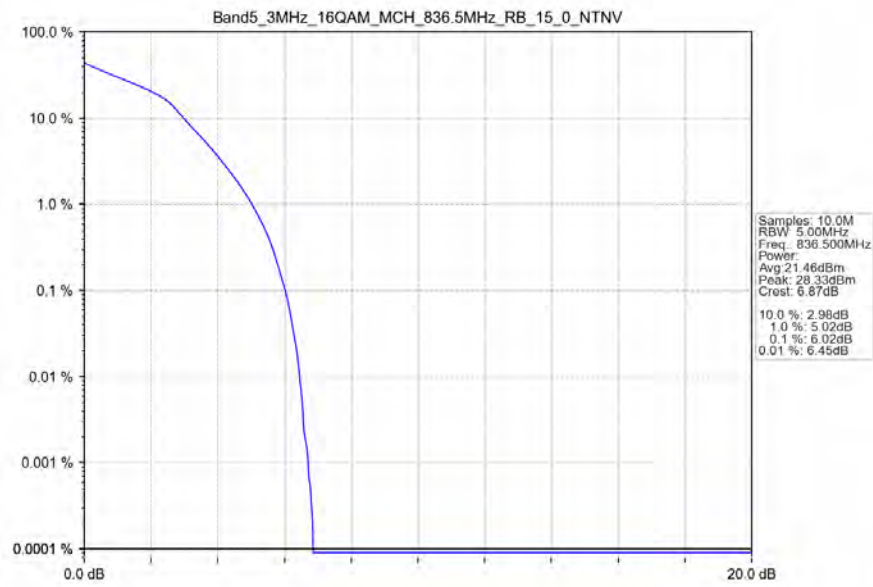
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



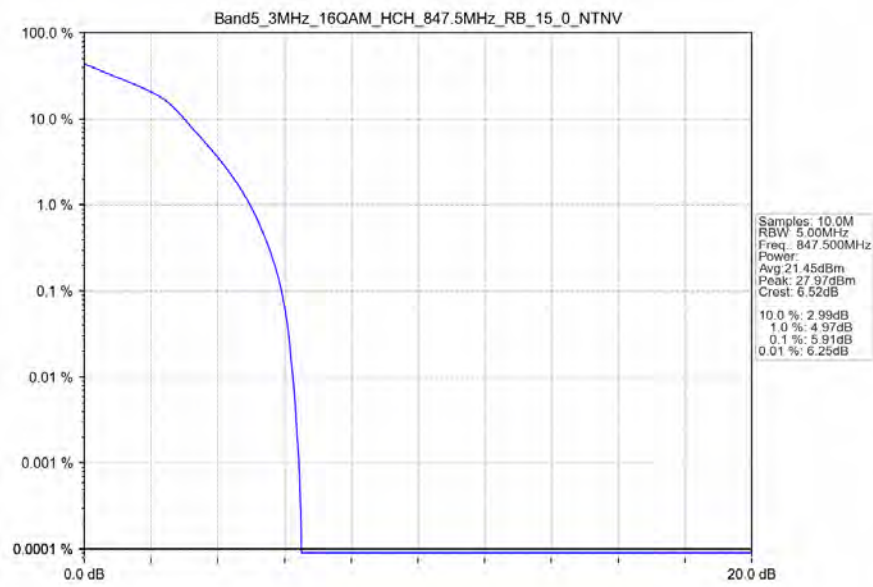
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



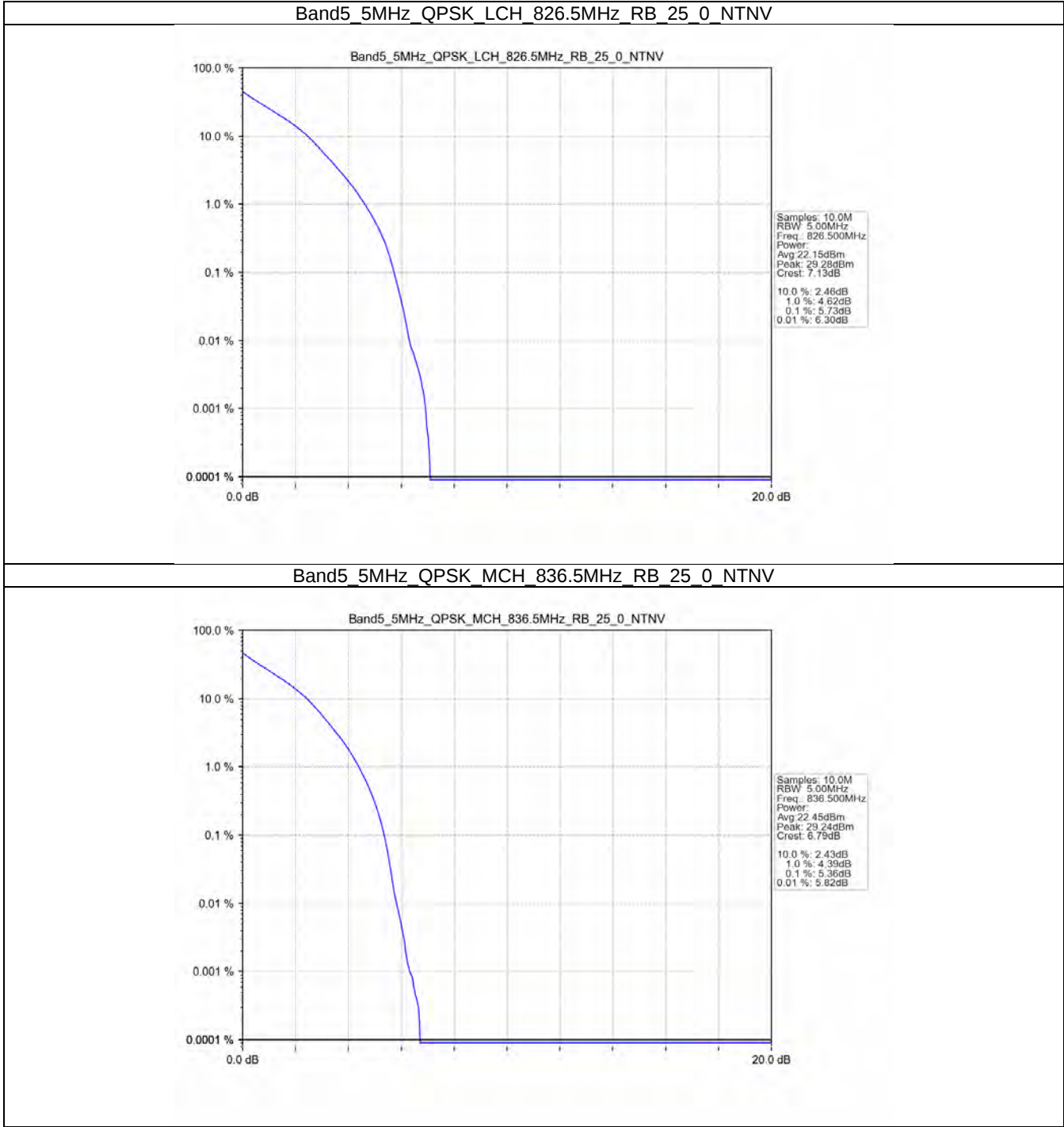
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



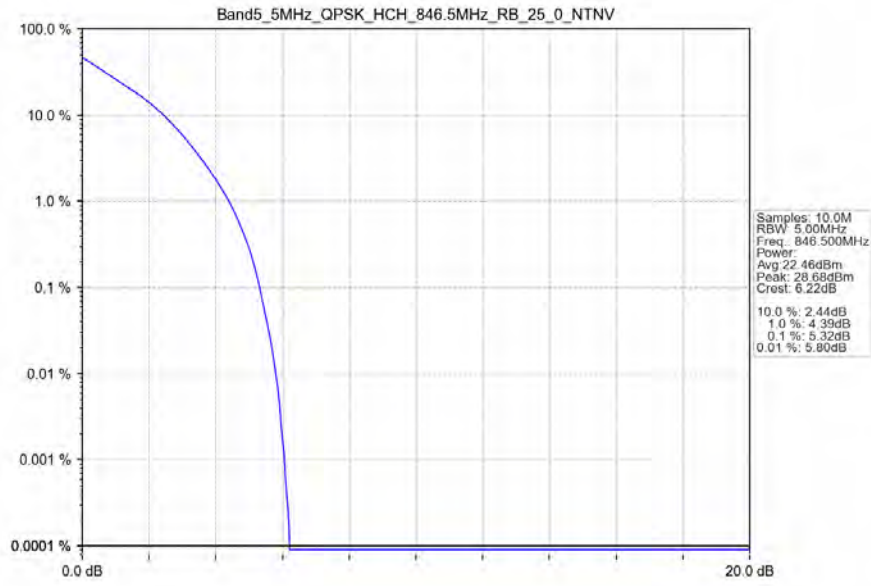
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



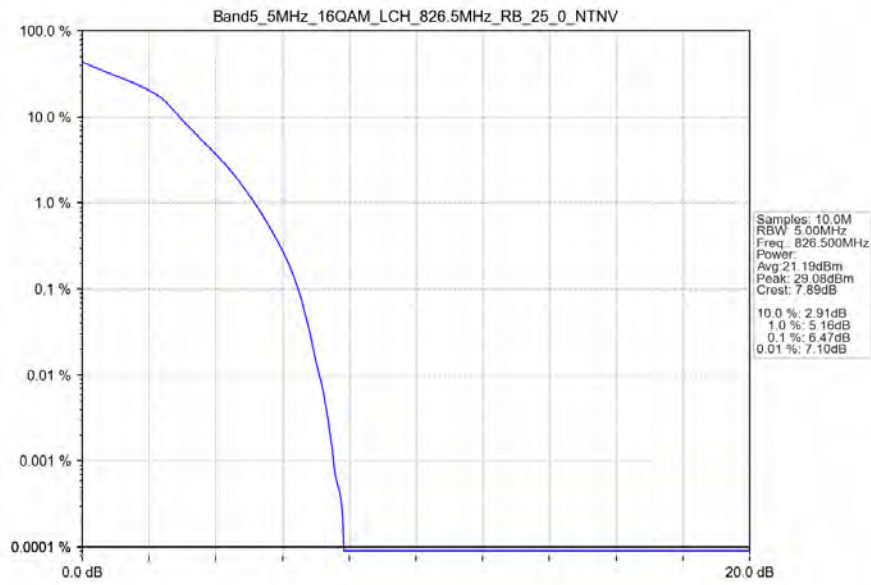
4.2.3 B5_5MHz



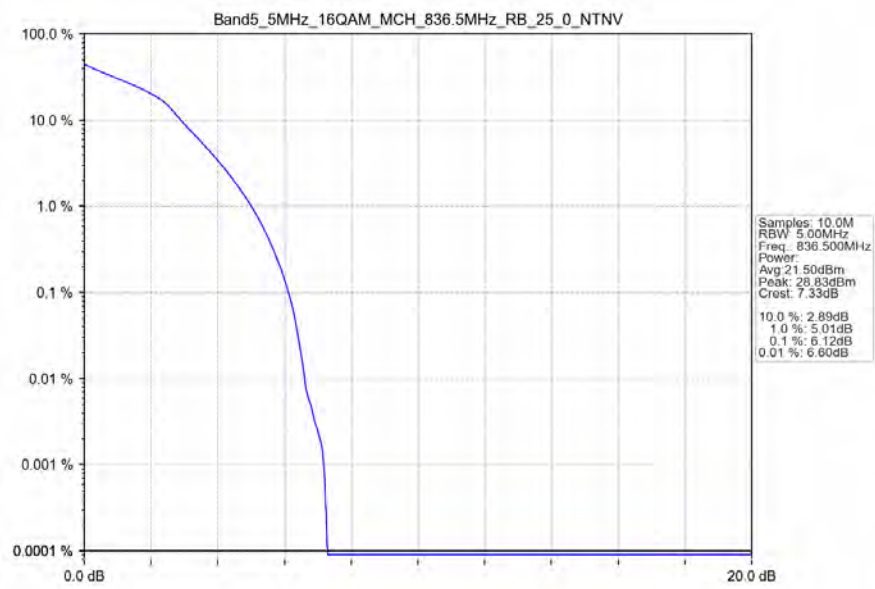
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



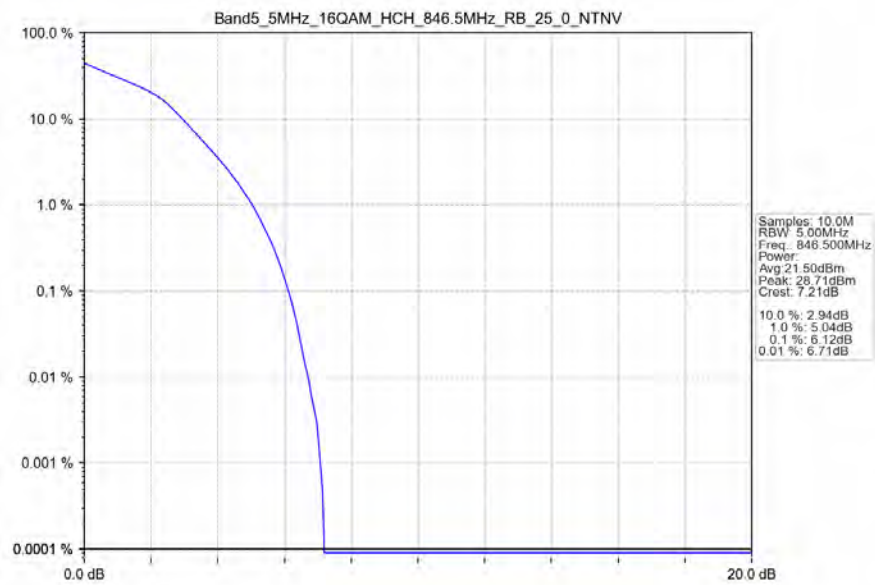
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



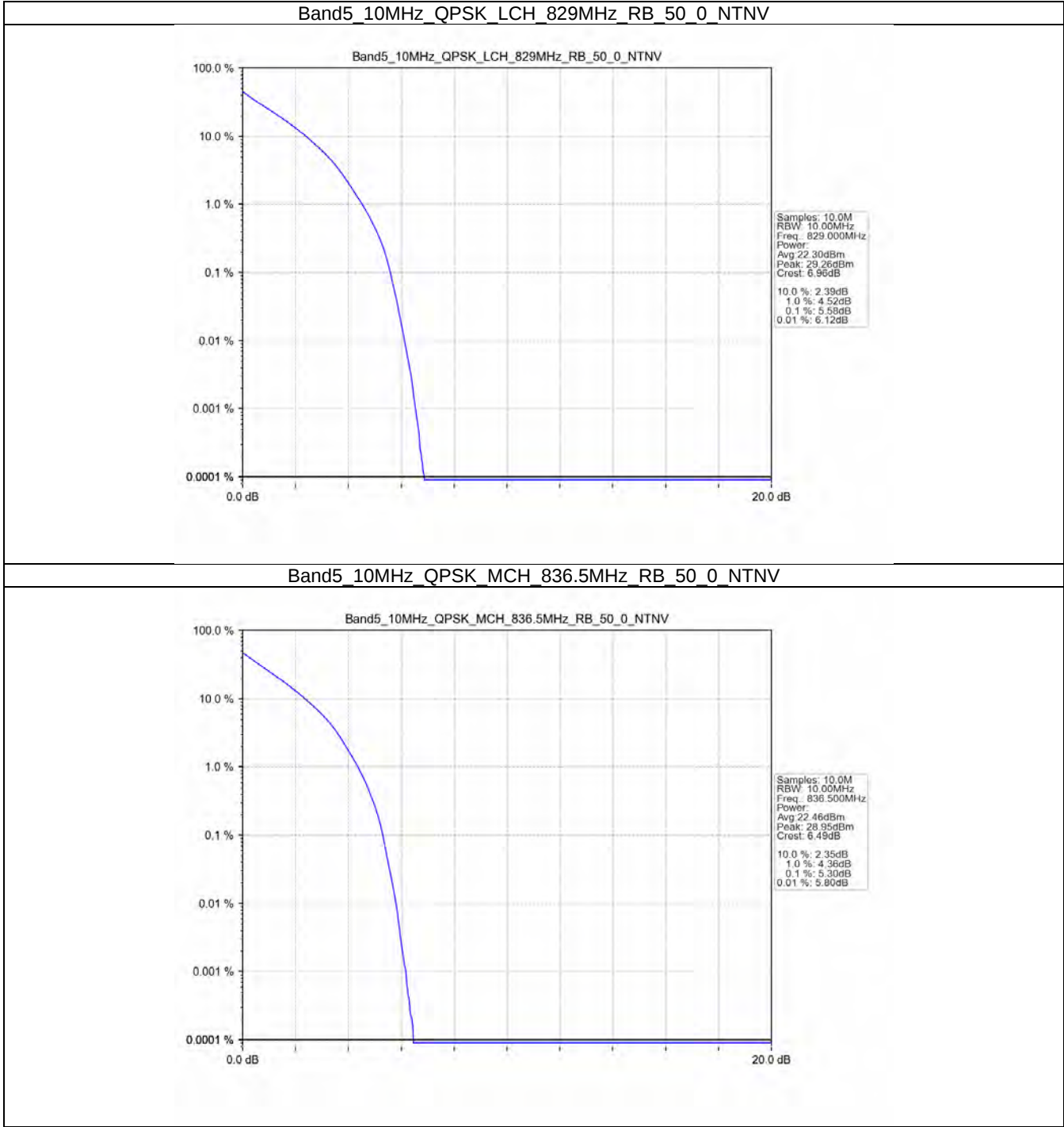
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



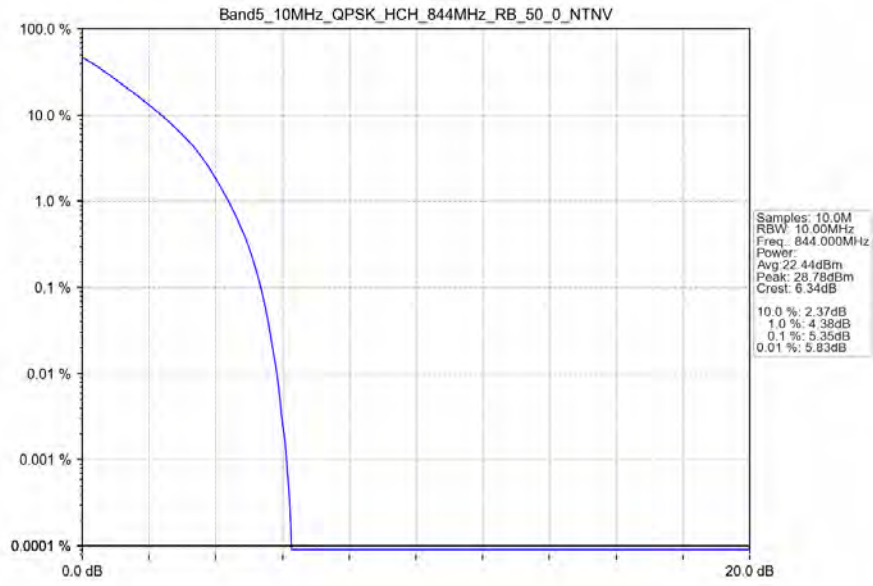
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



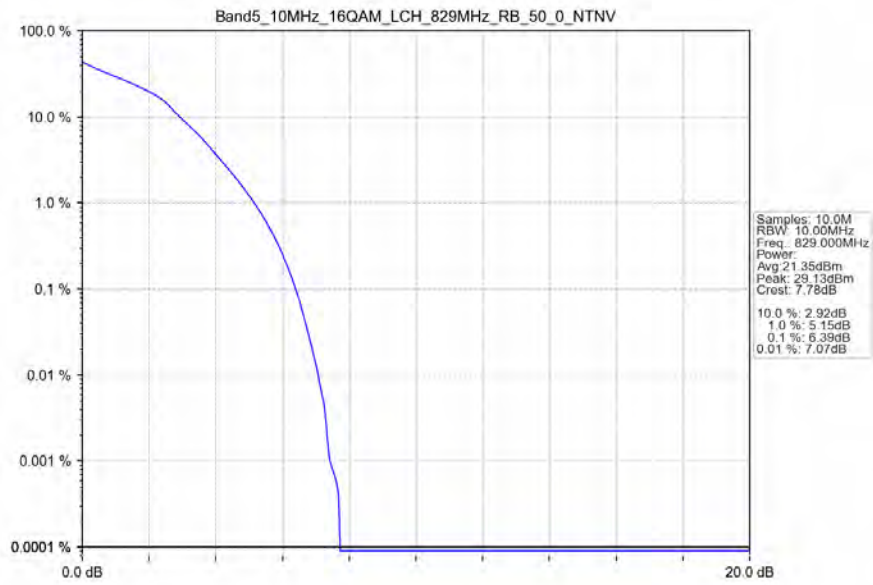
4.2.4 B5_10MHz



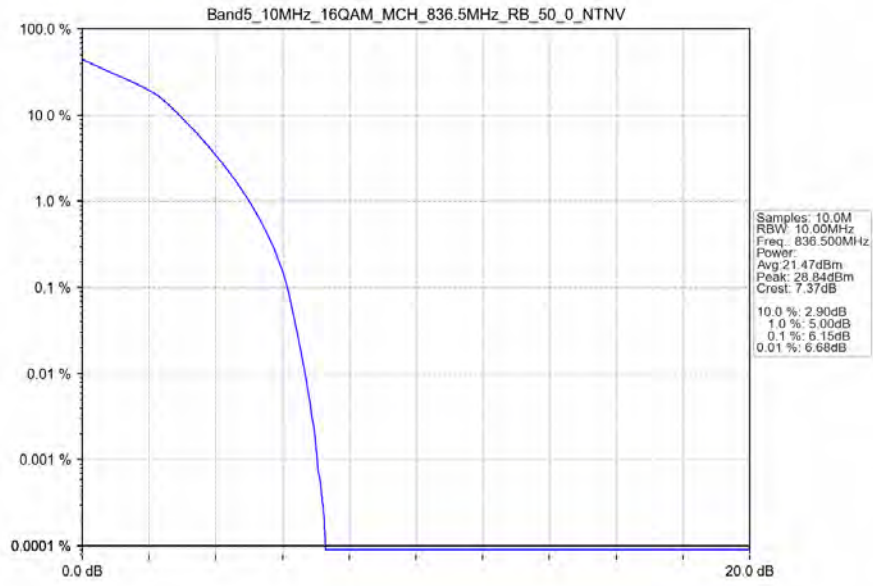
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



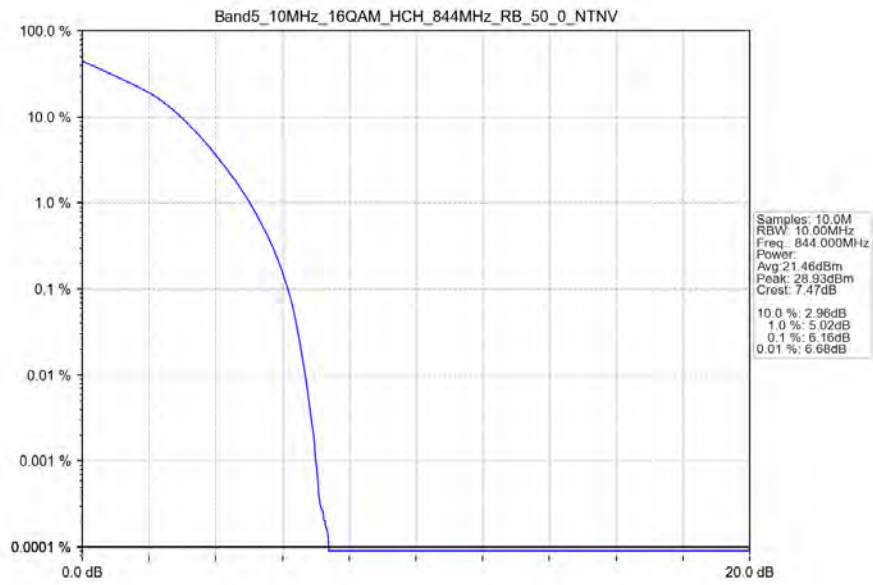
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

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

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B5_5MHz

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

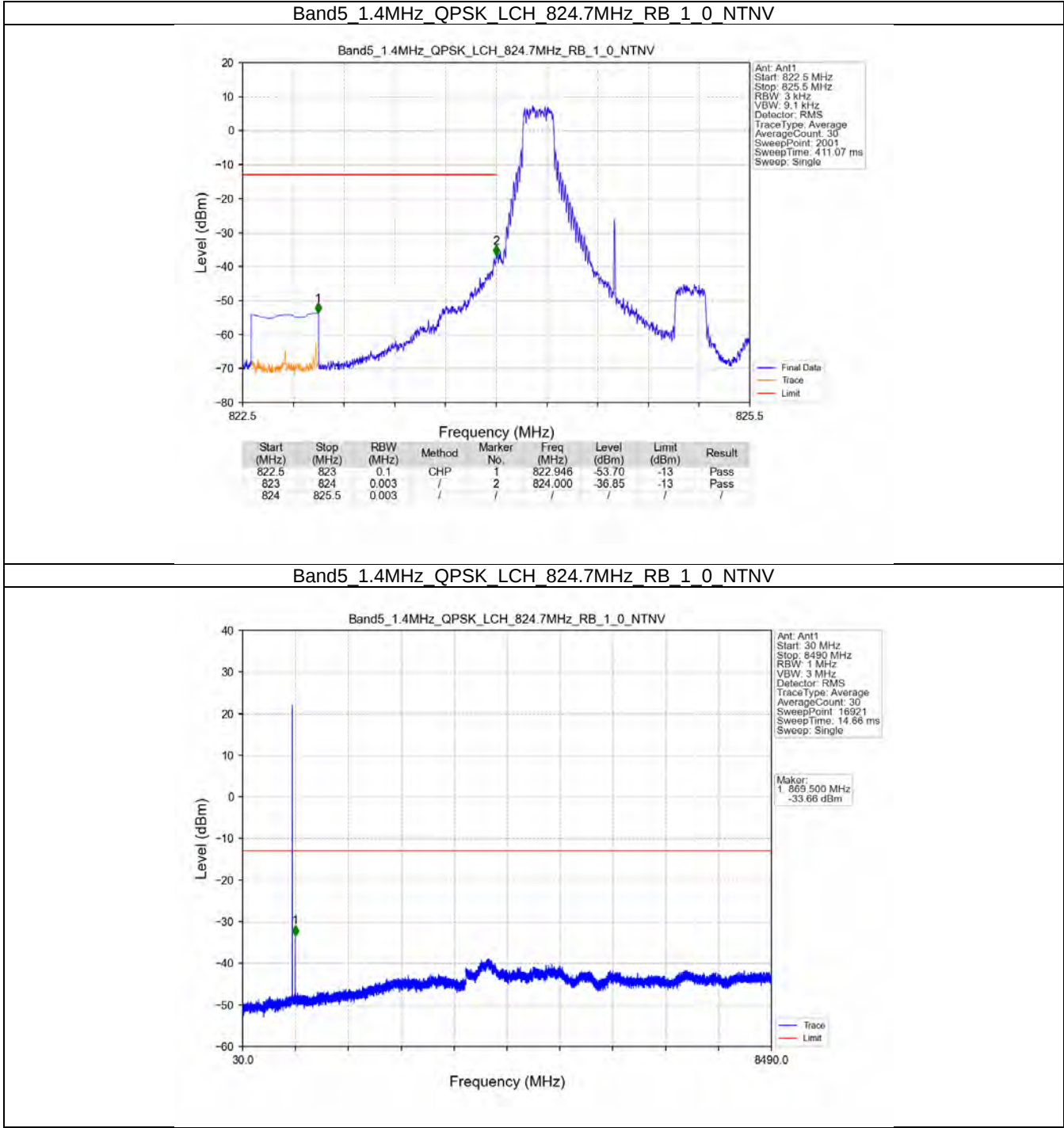
		25	0	Refer To Test Graph	Pass
16QAM	826.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

5.1.4 B5_10MHz

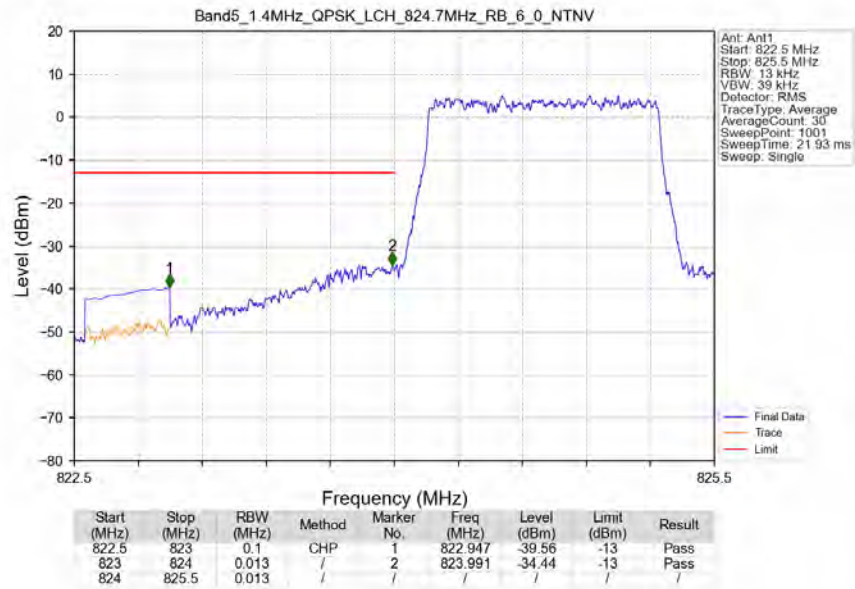
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

5.2 Test Graph

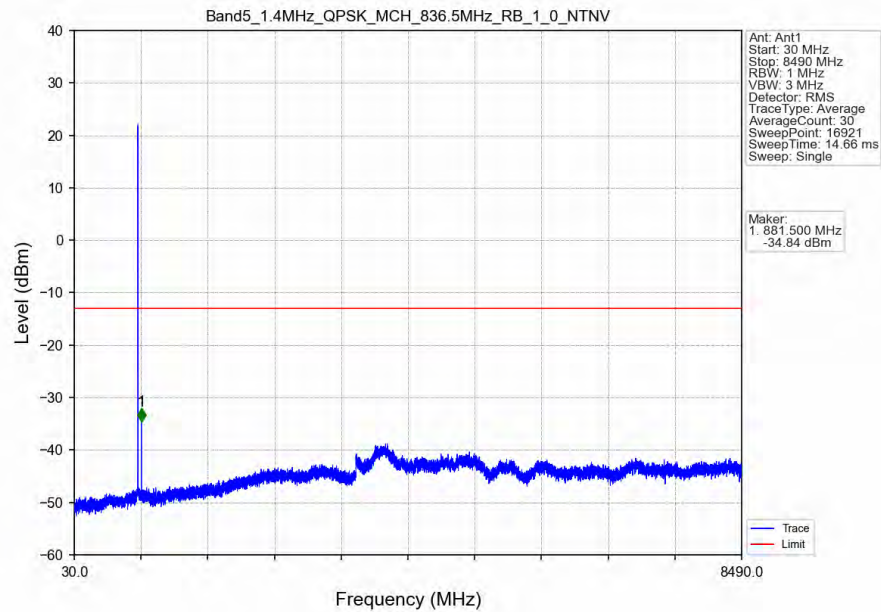
5.2.1 B5_1.4MHz



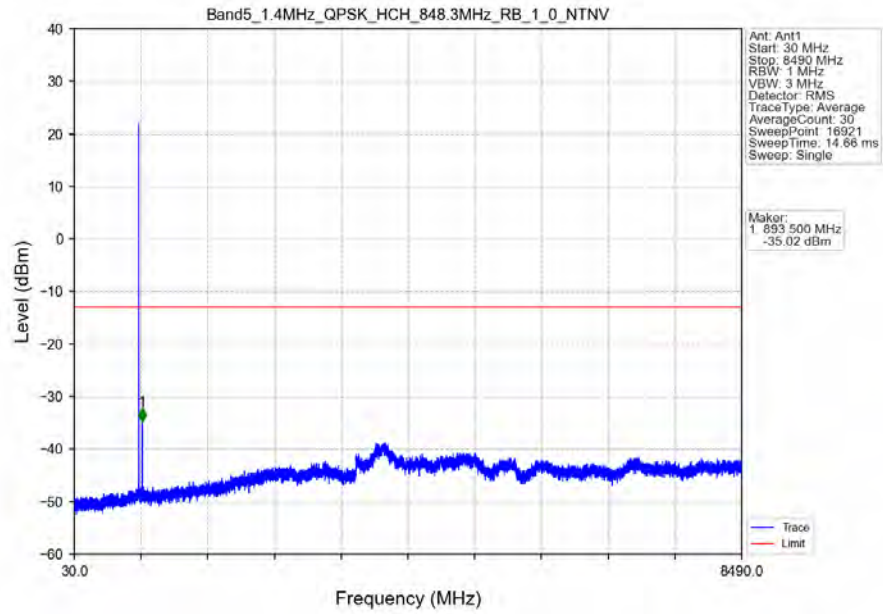
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



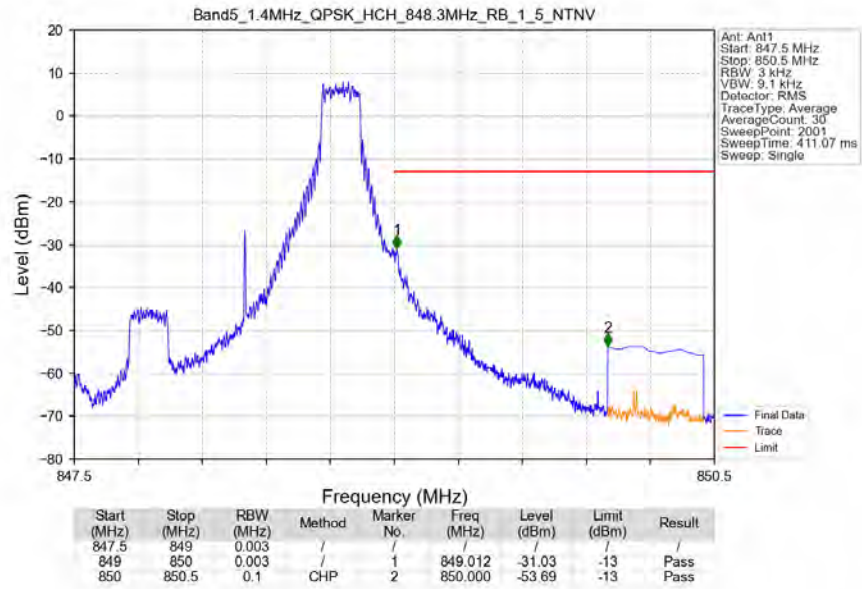
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



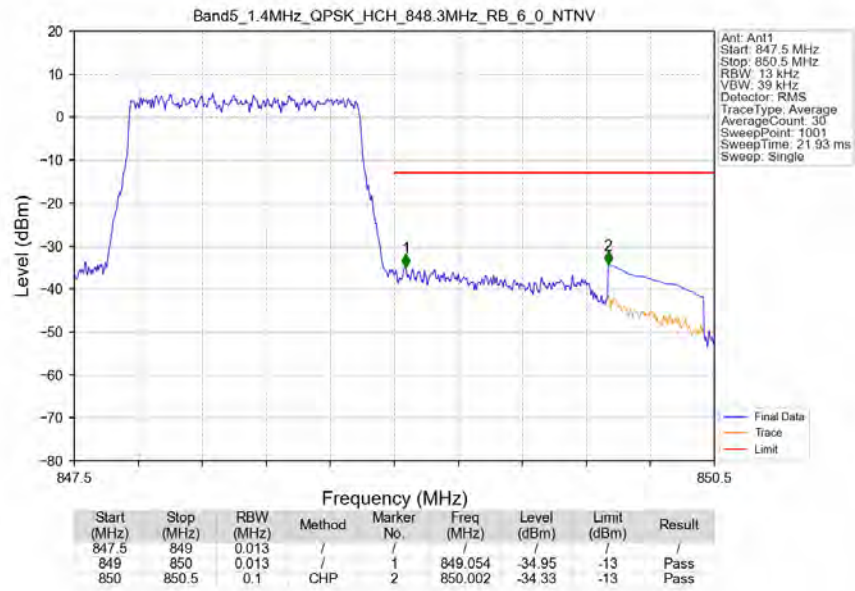
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



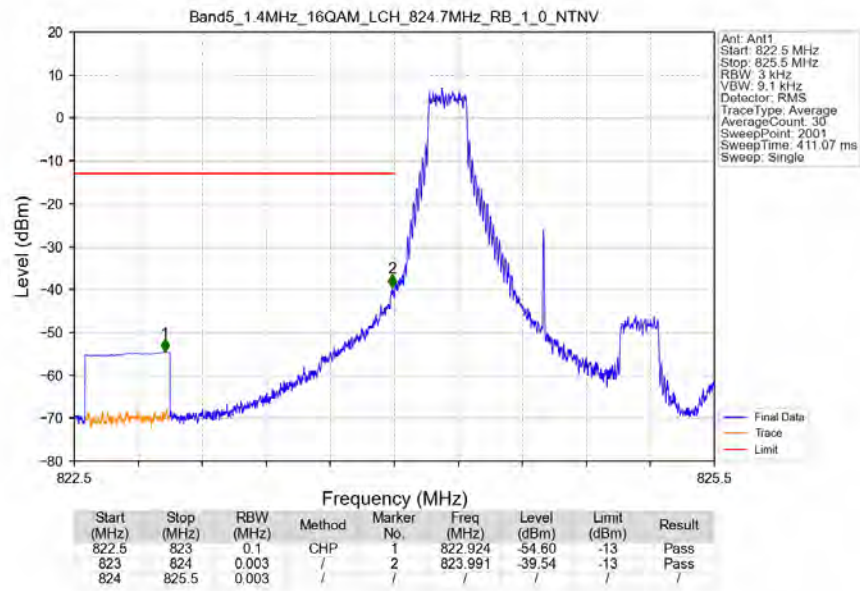
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



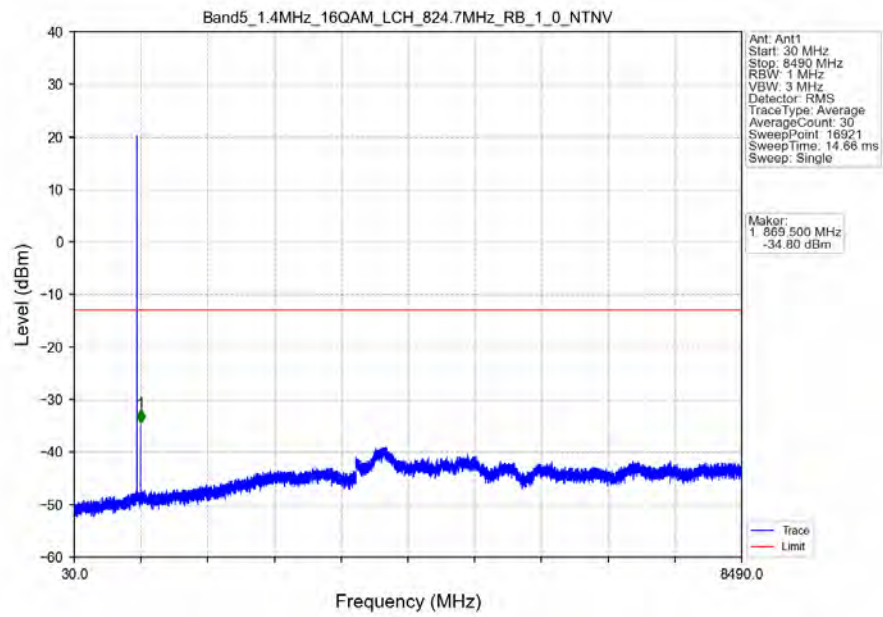
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



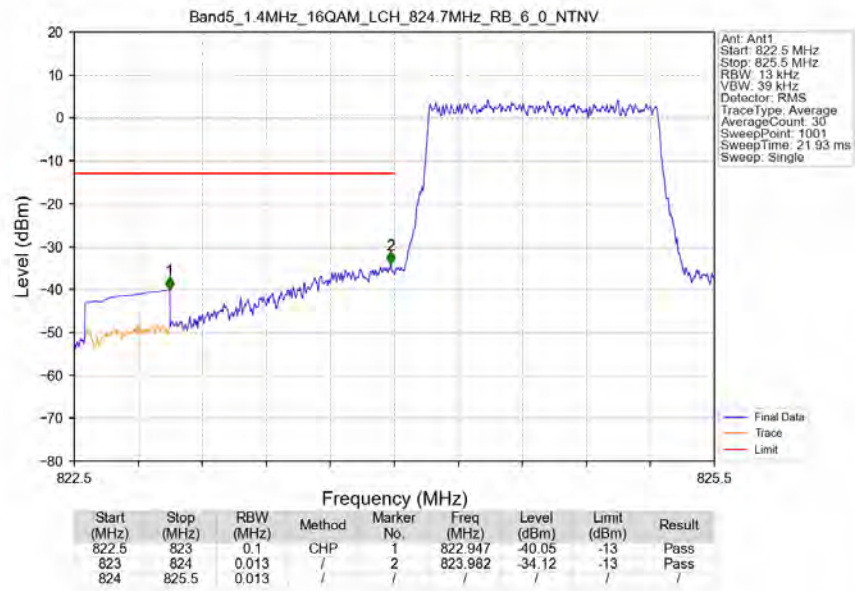
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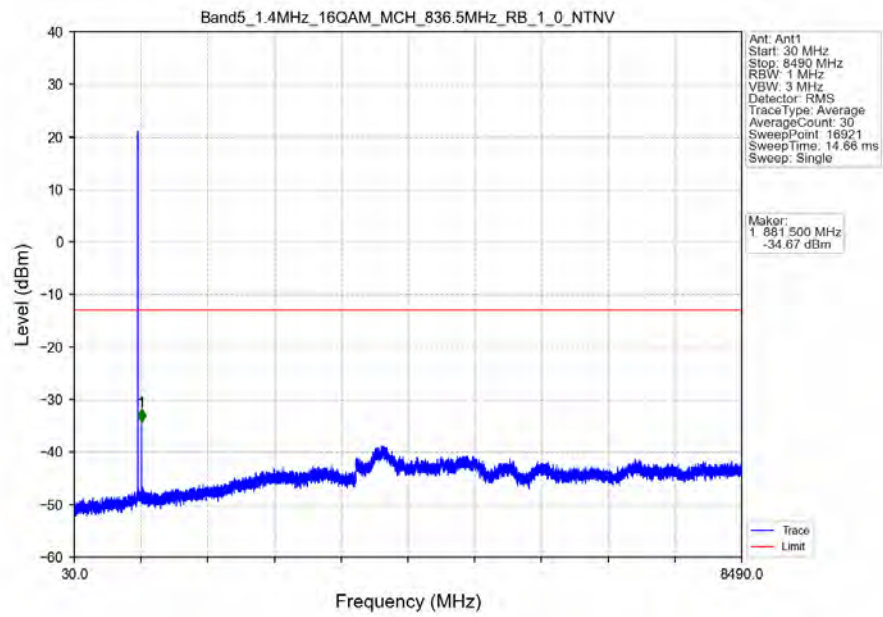
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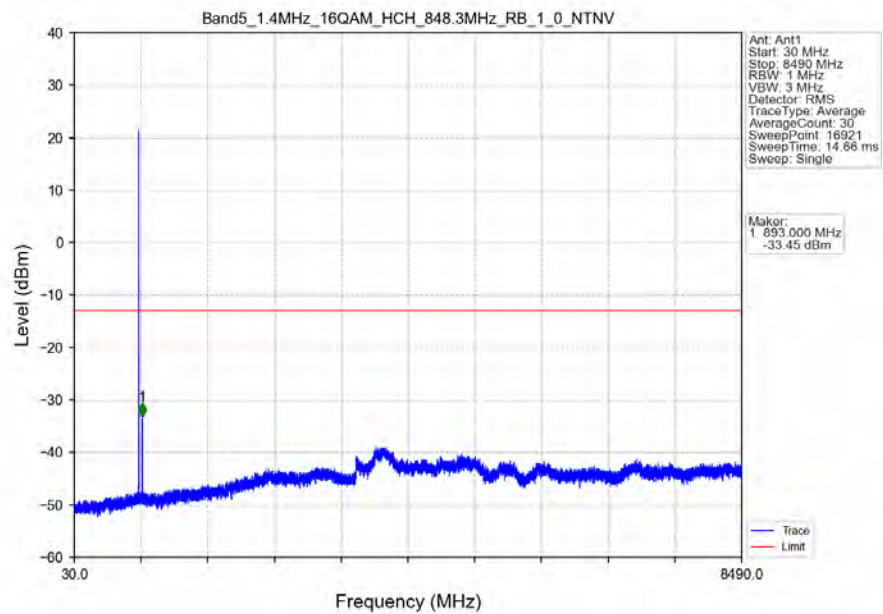
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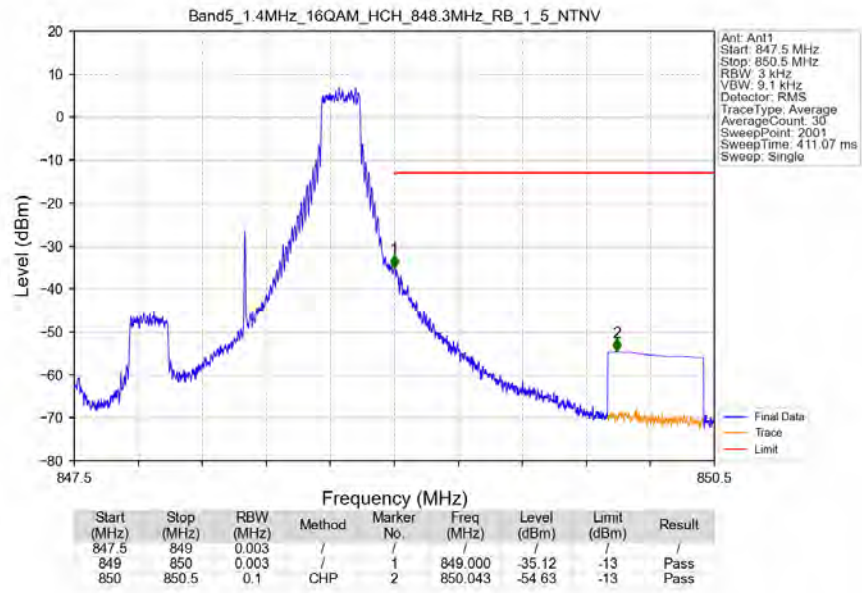
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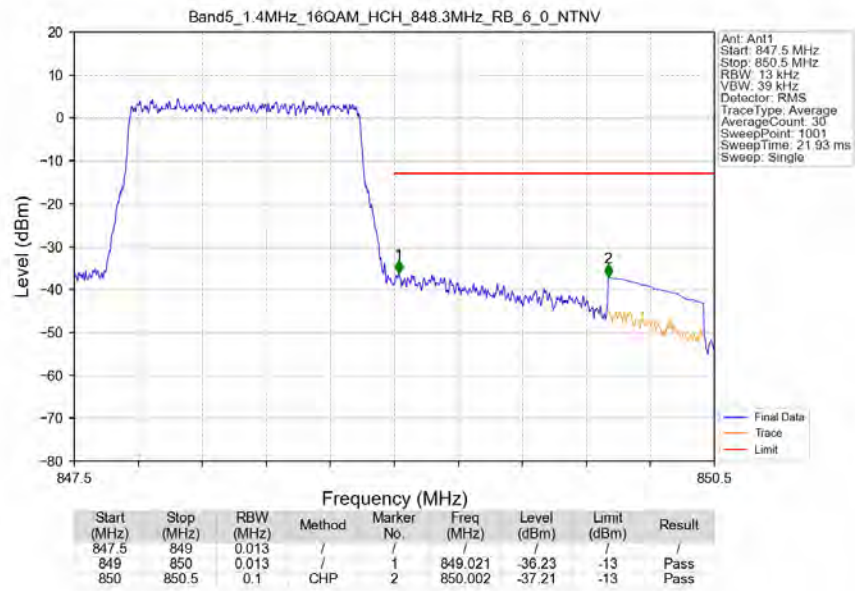
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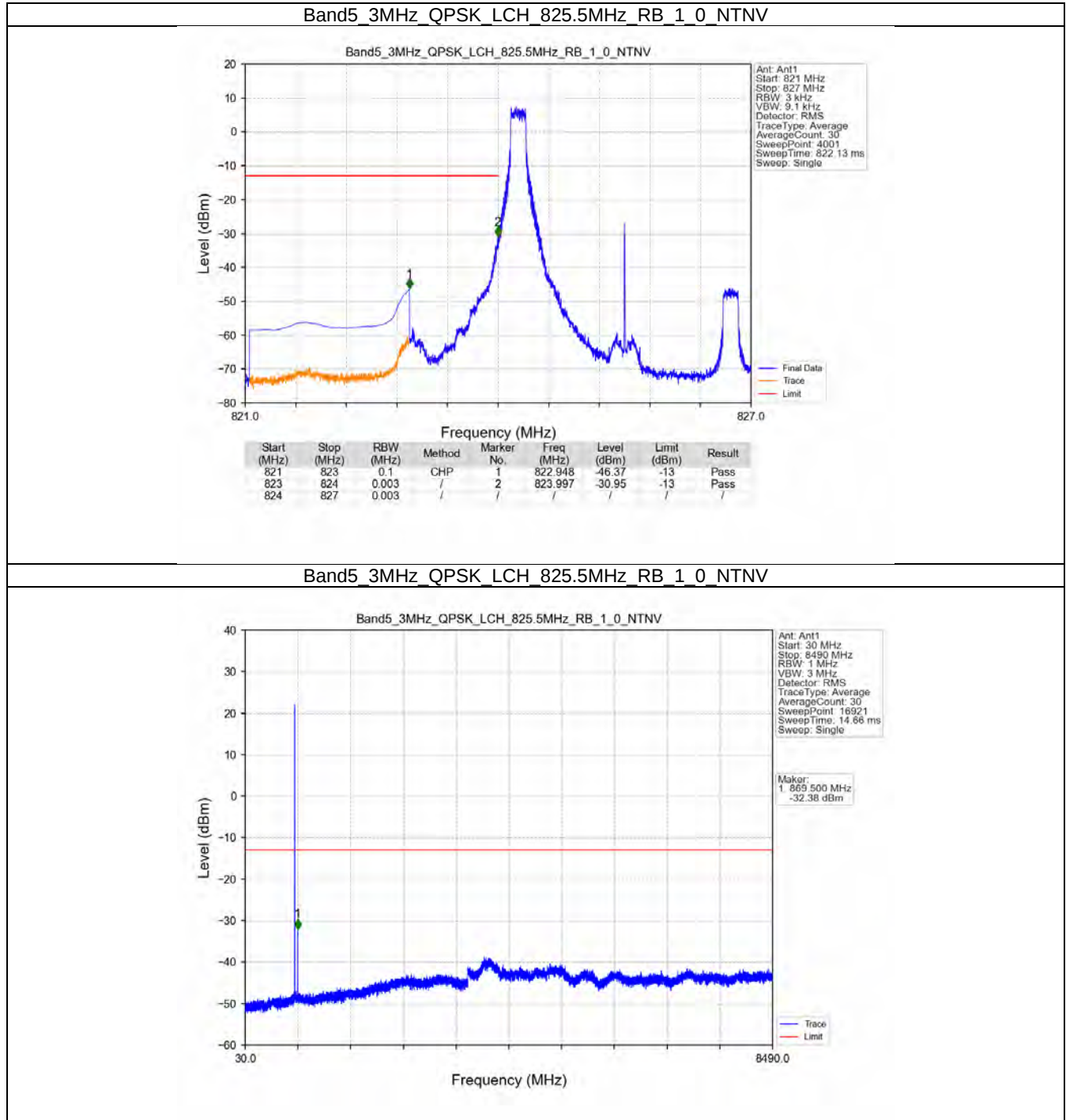
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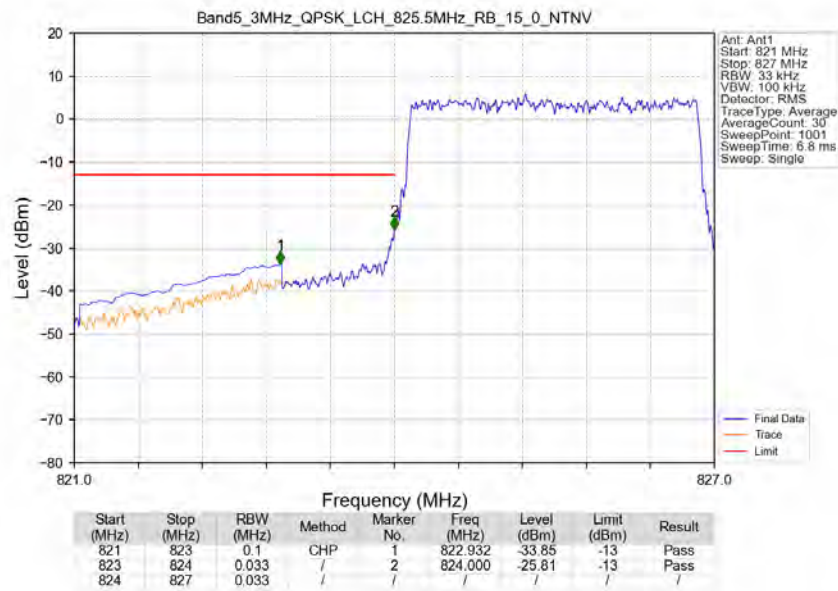
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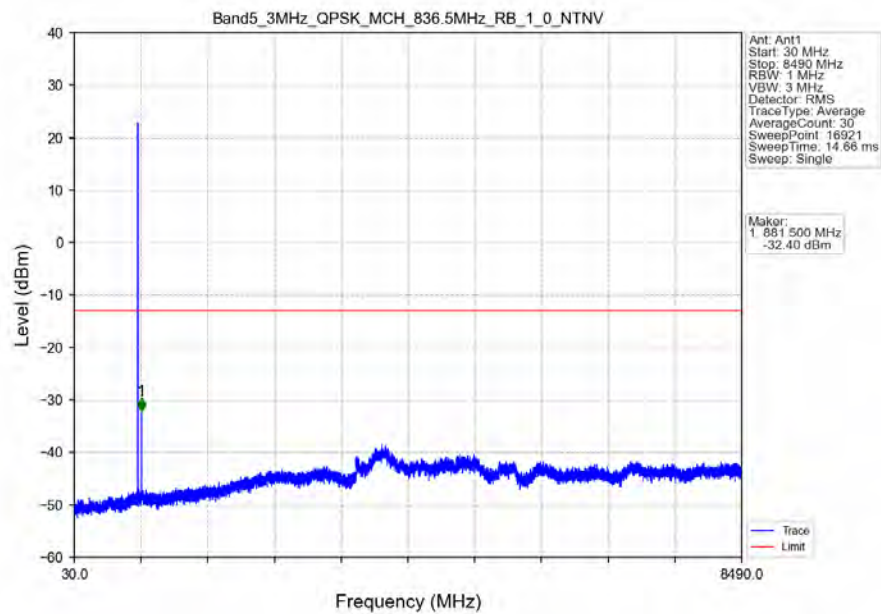
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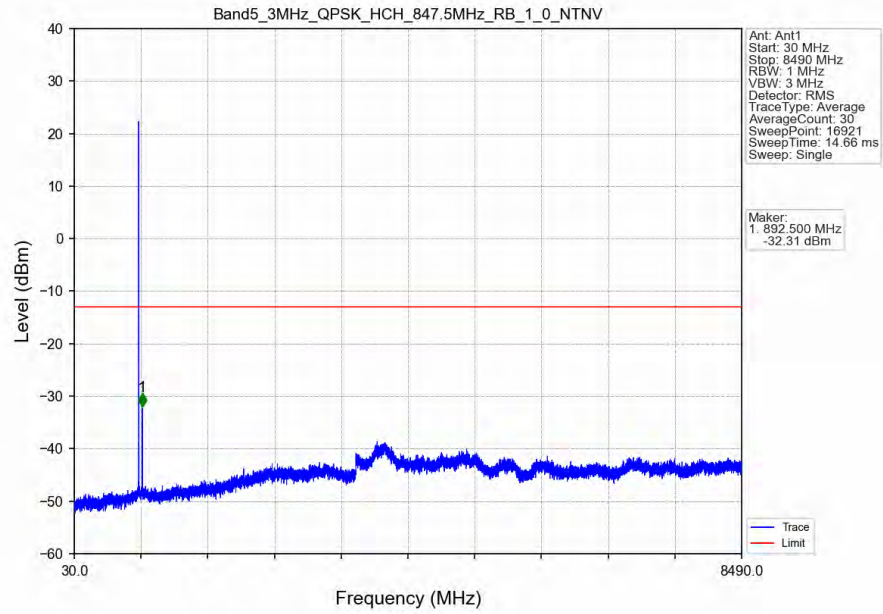
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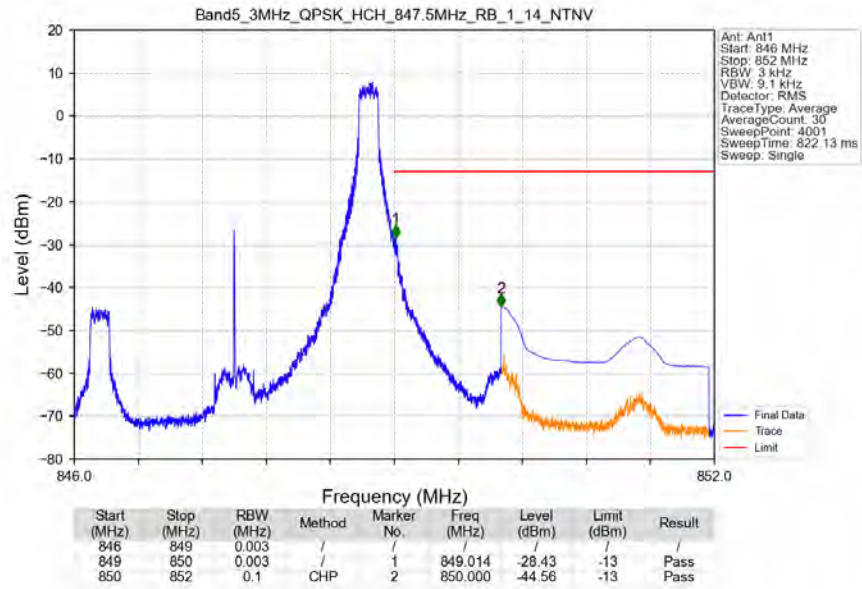
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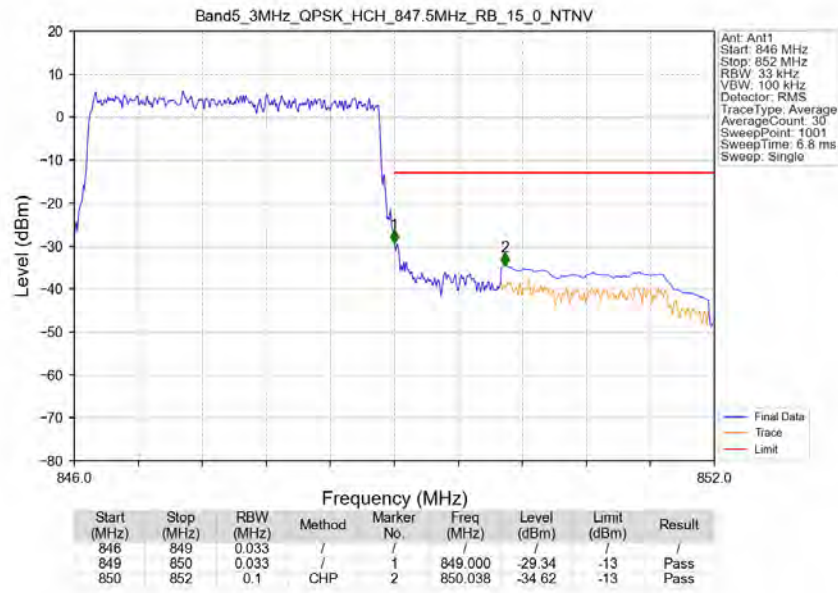
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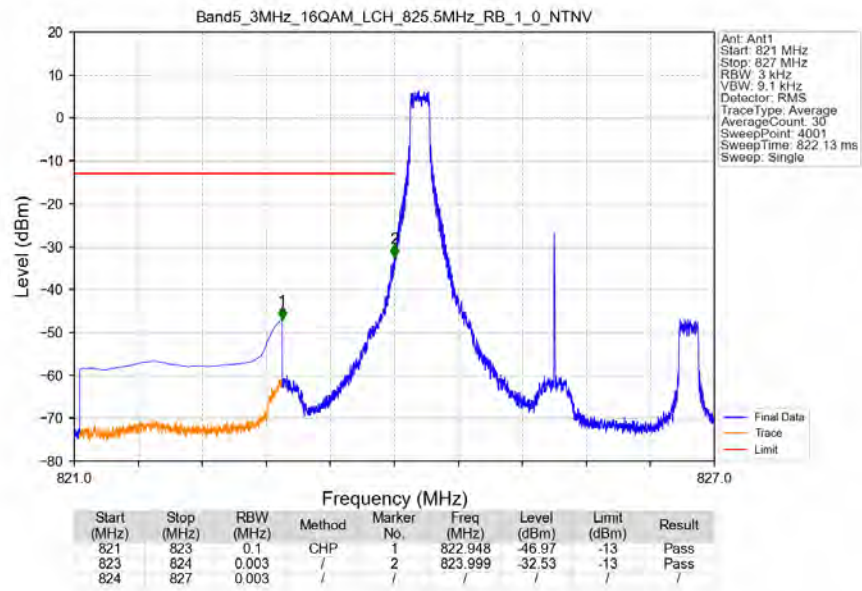
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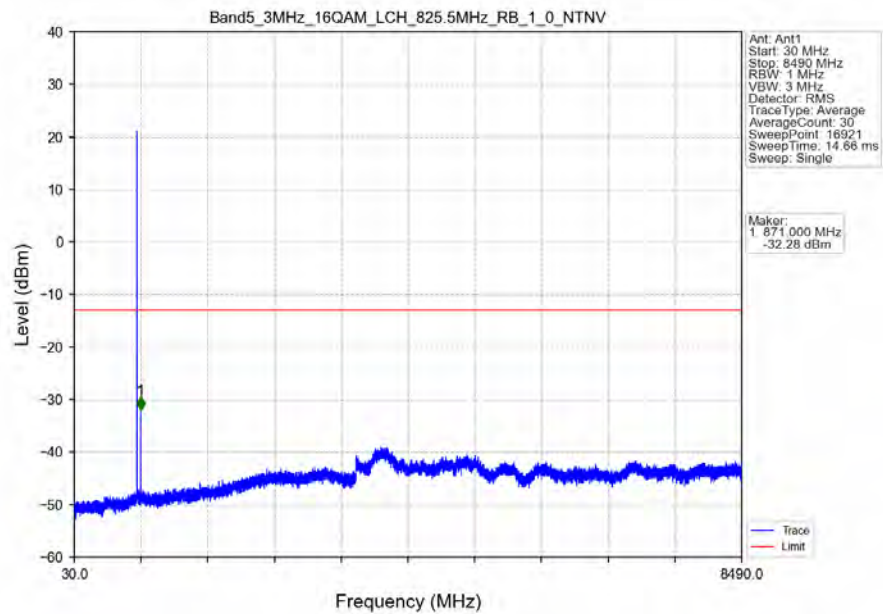
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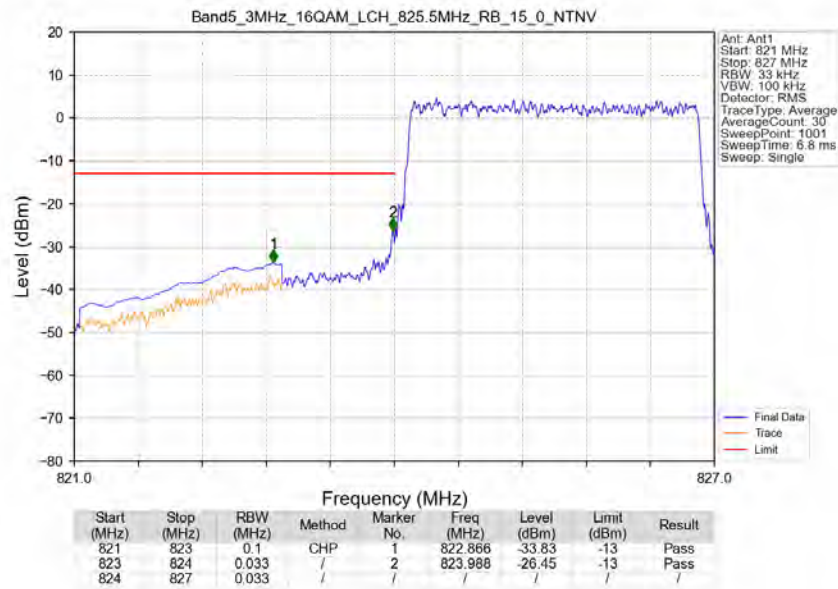
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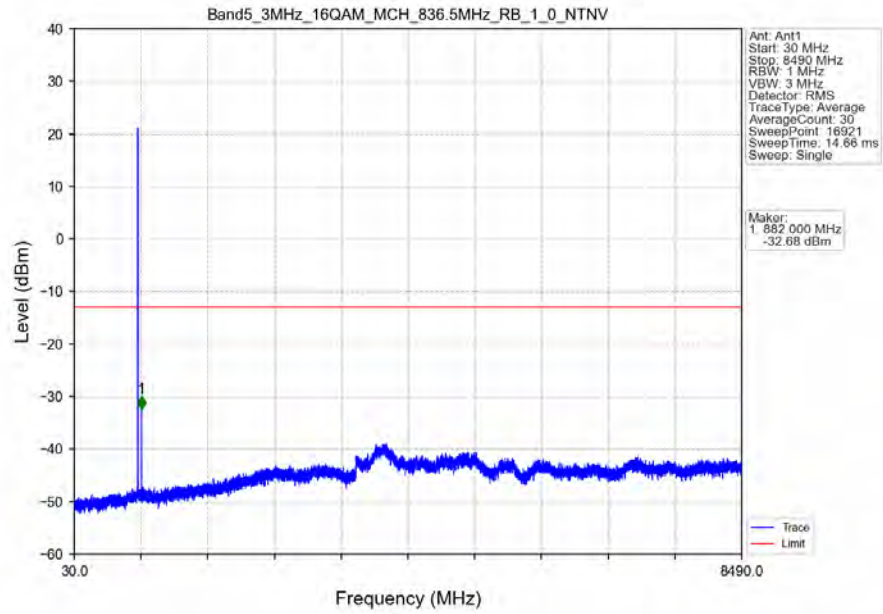
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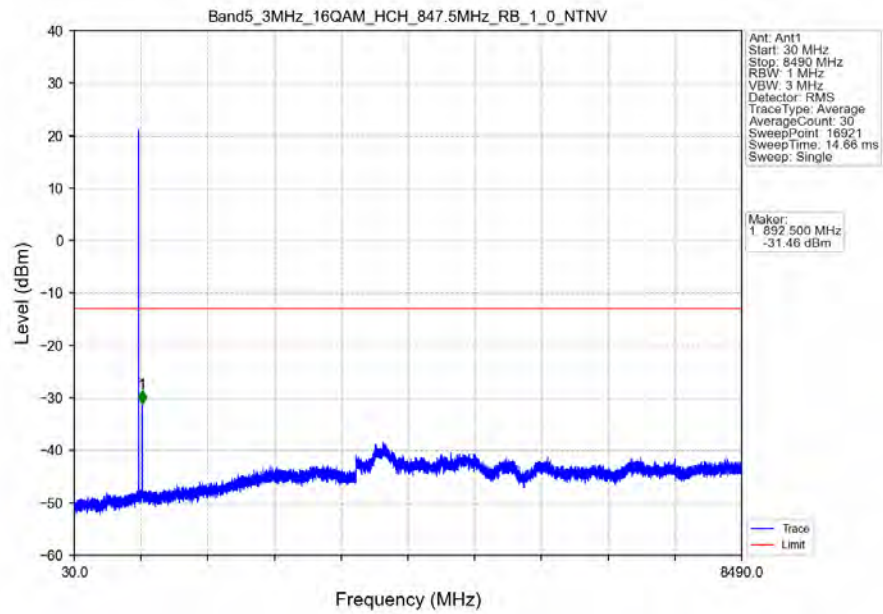
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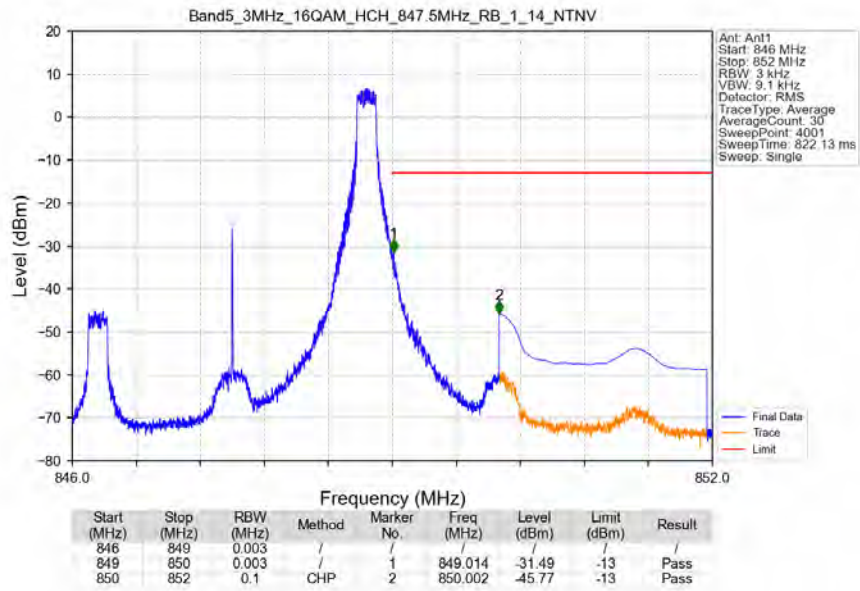
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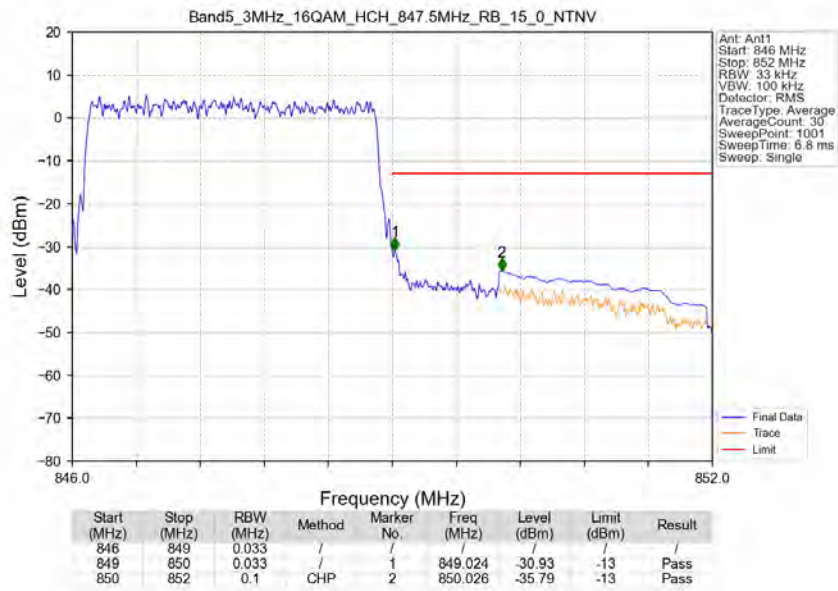
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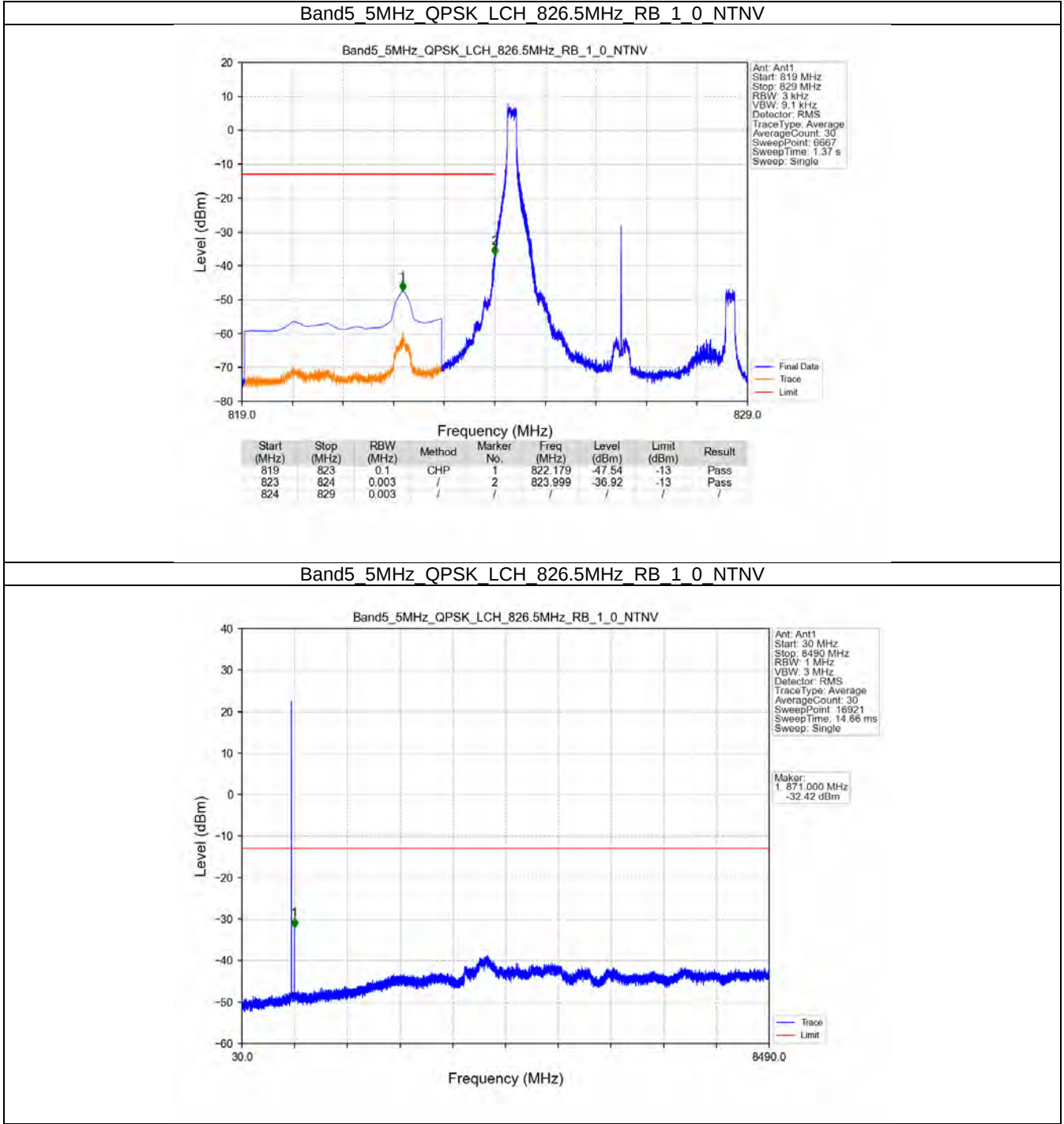
Band5 3MHz 16QAM HCH 847.5MHz RB 1 14 NTNV



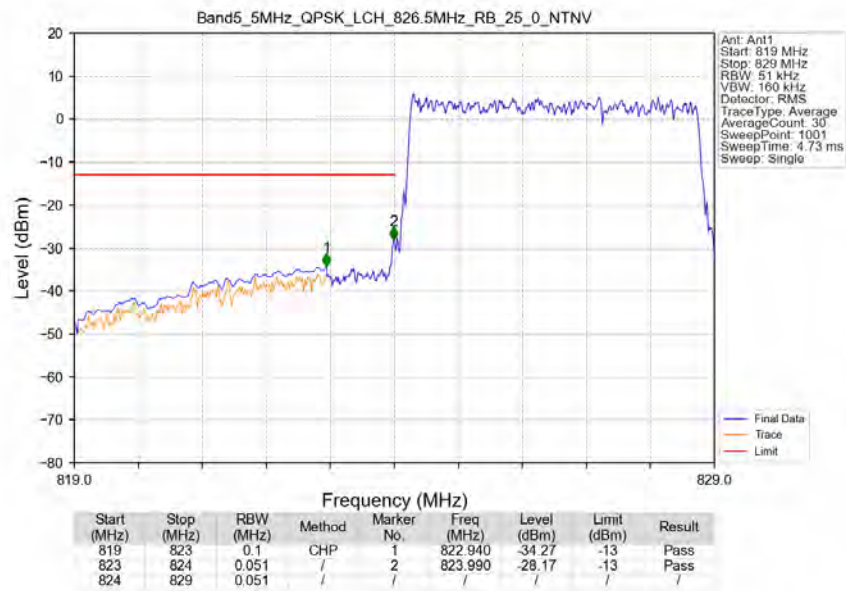
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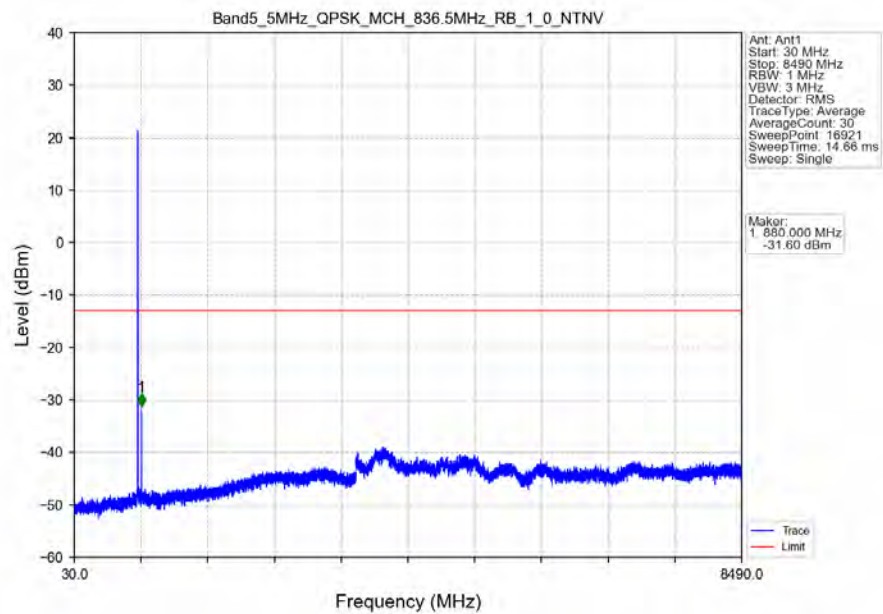
5.2.3 B5_5MHz



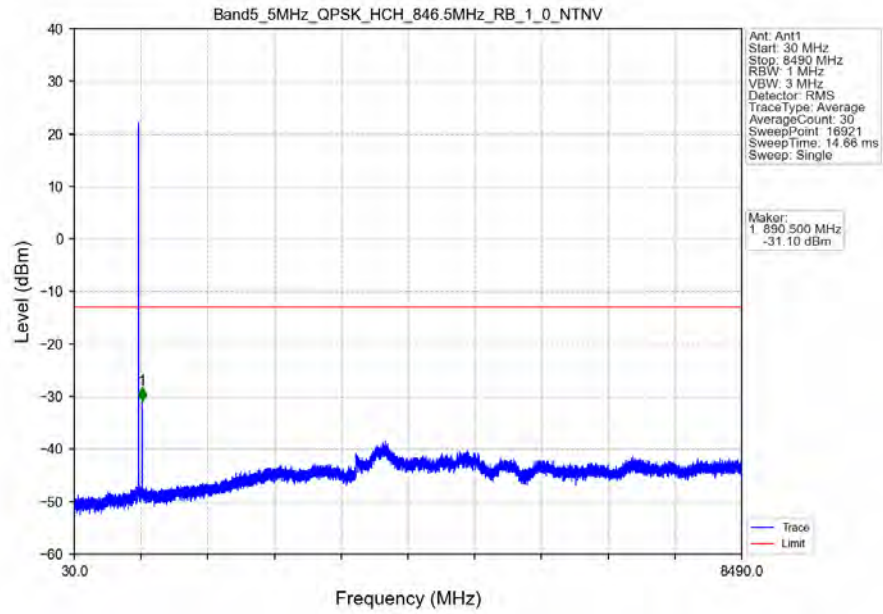
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



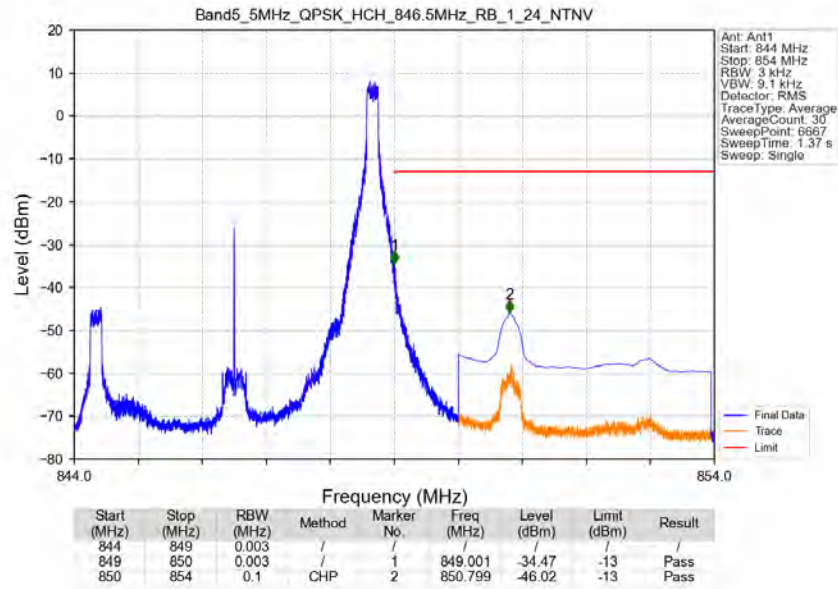
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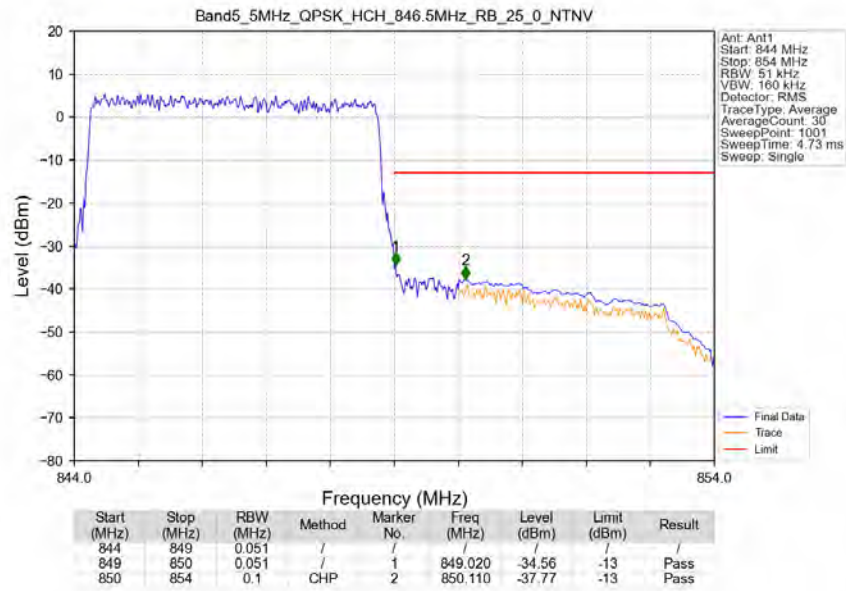
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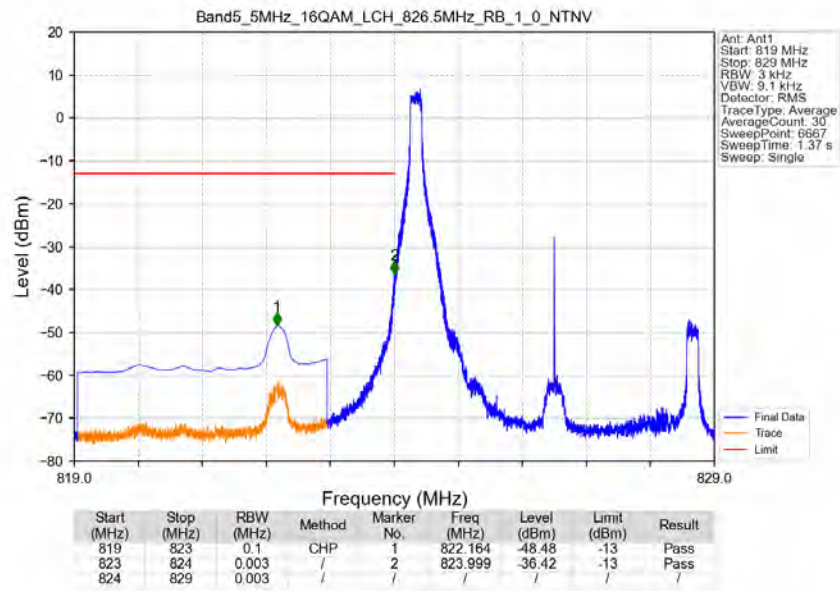
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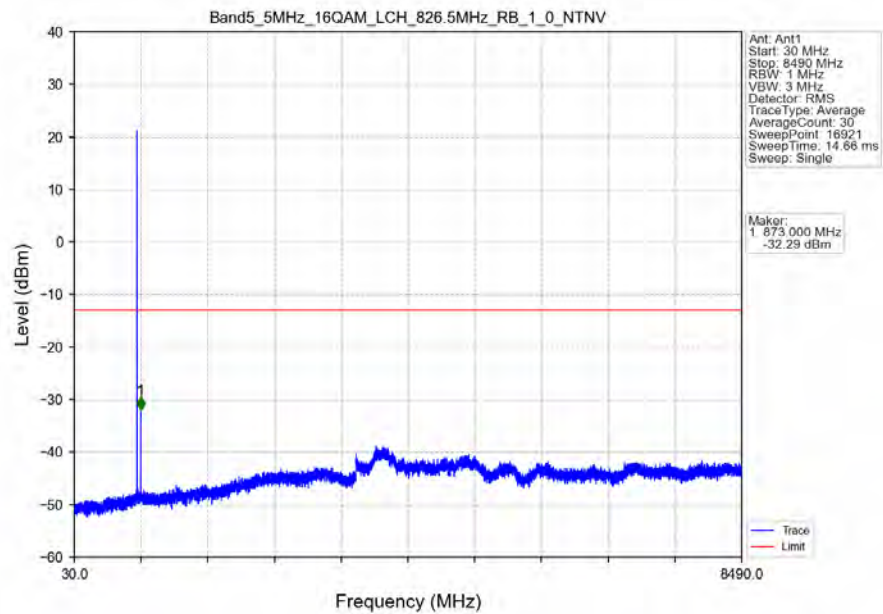
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



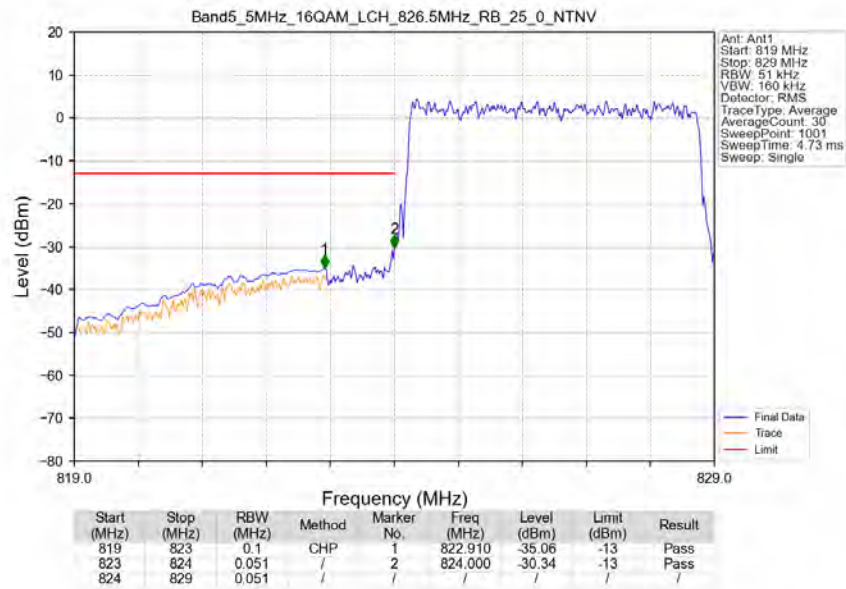
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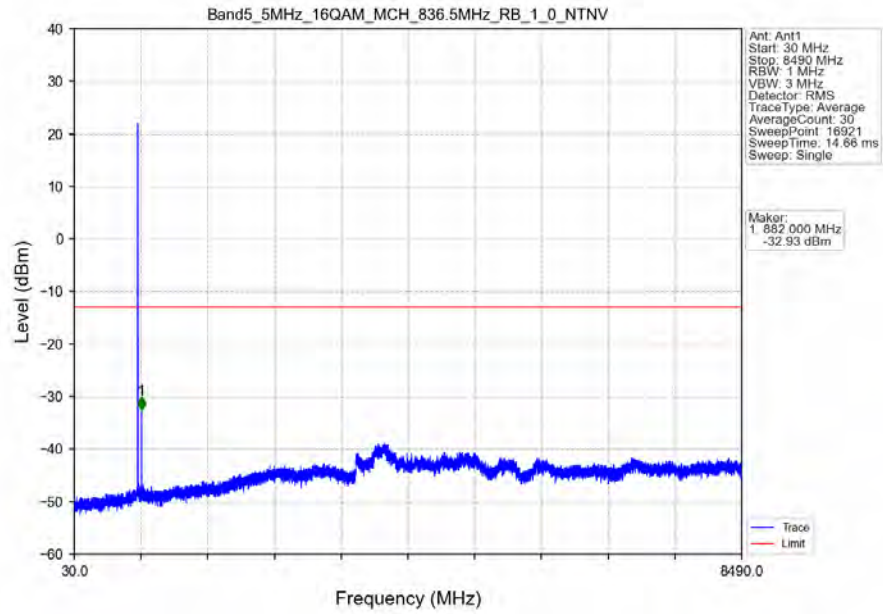
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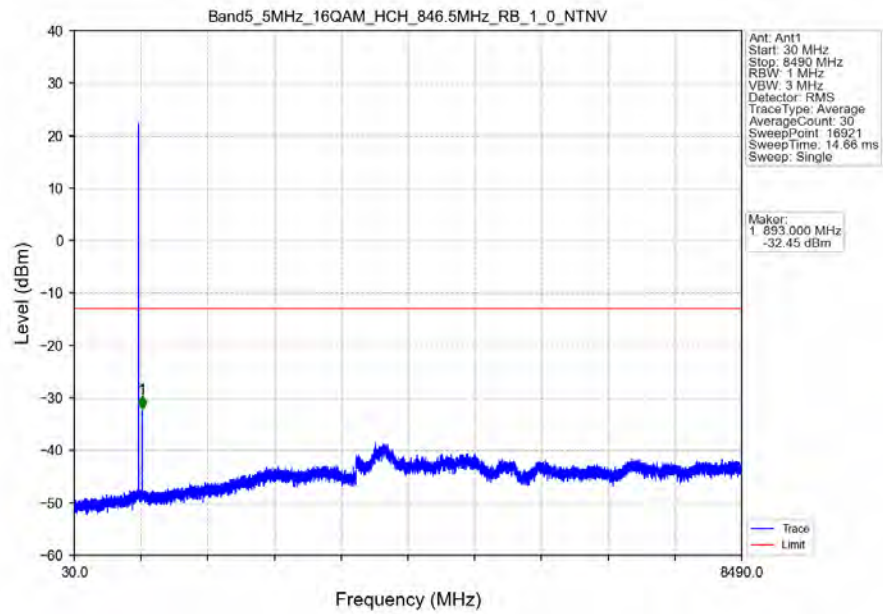
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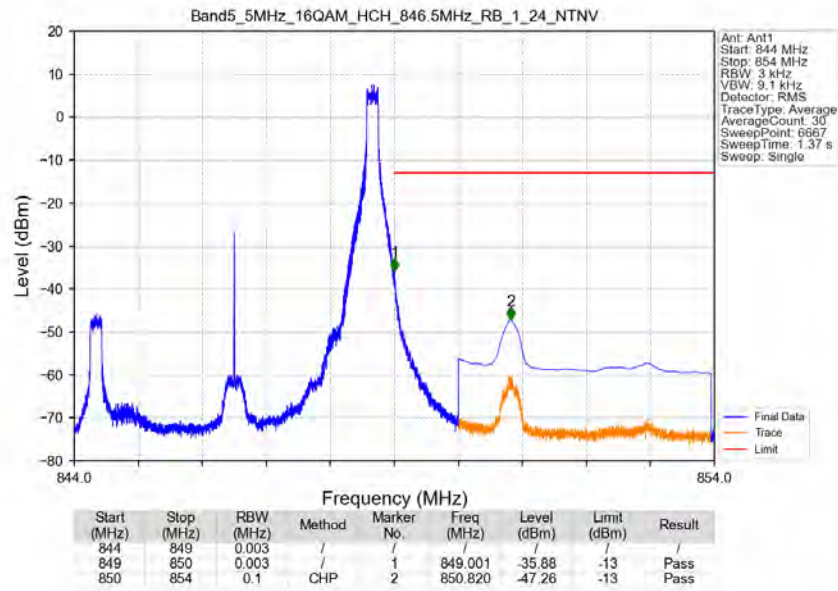
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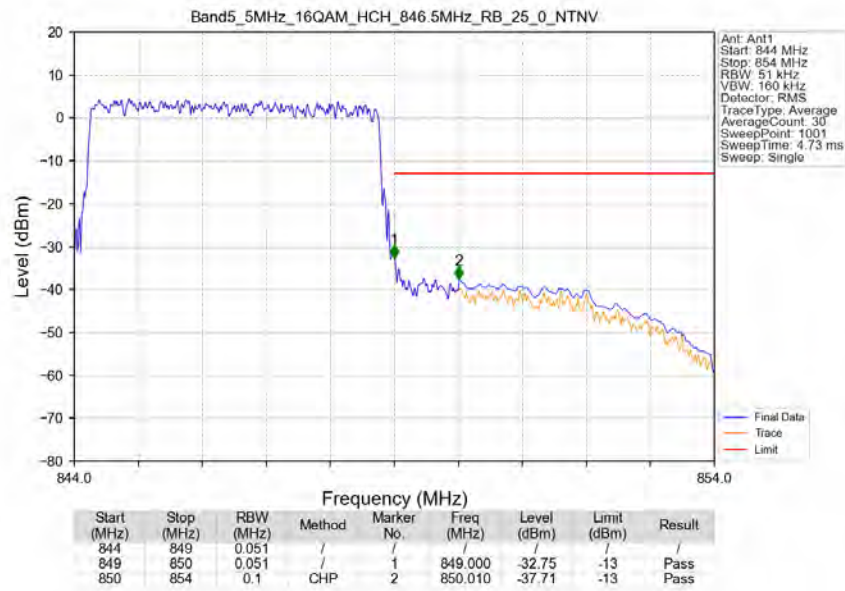
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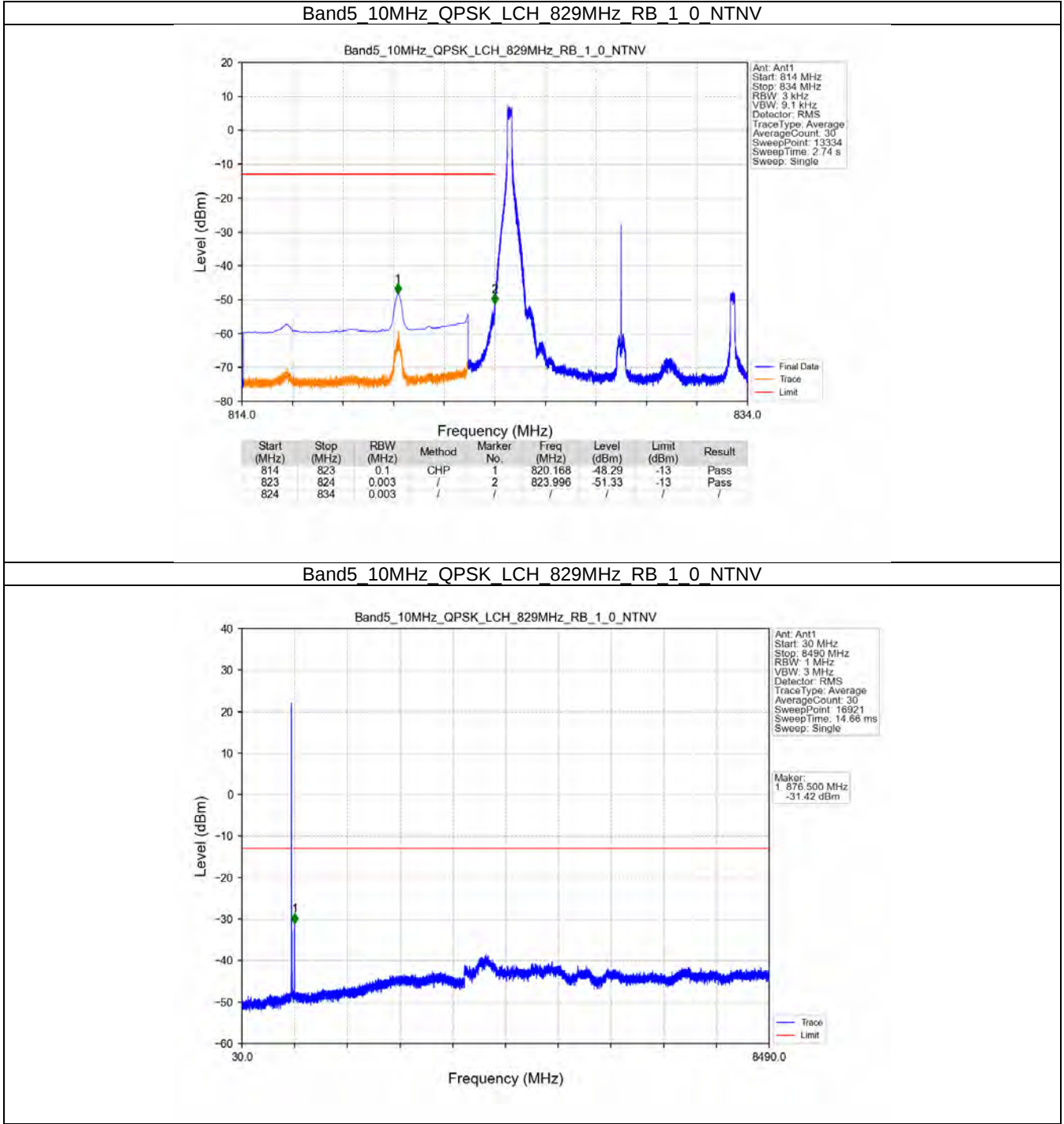
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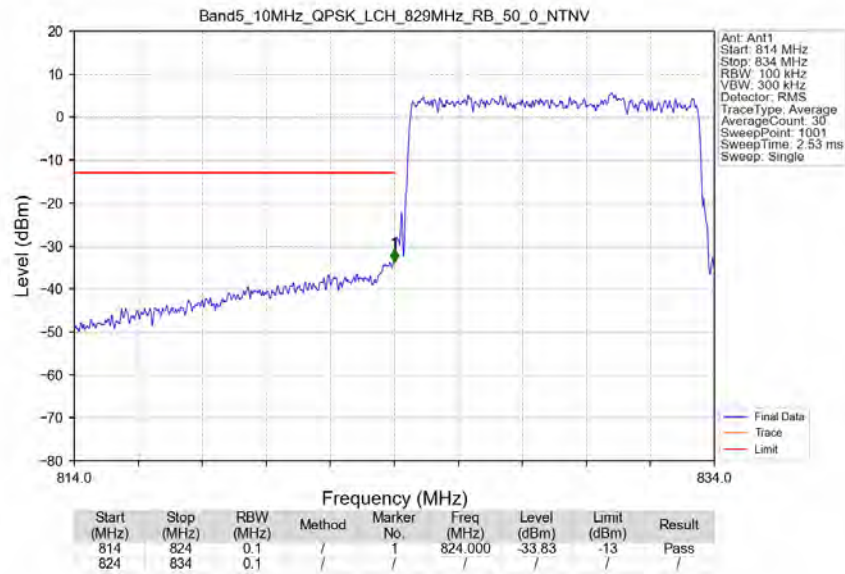
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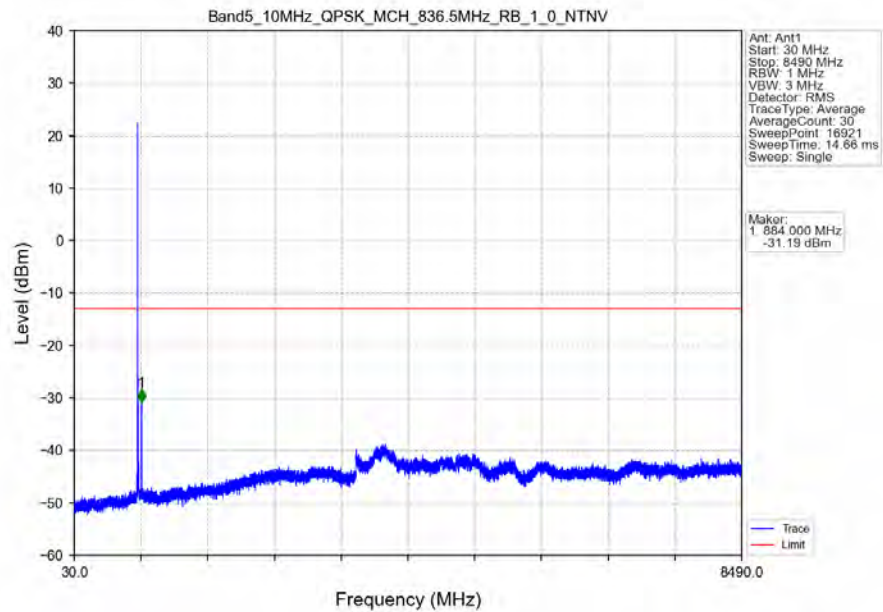
5.2.4 B5_10MHz



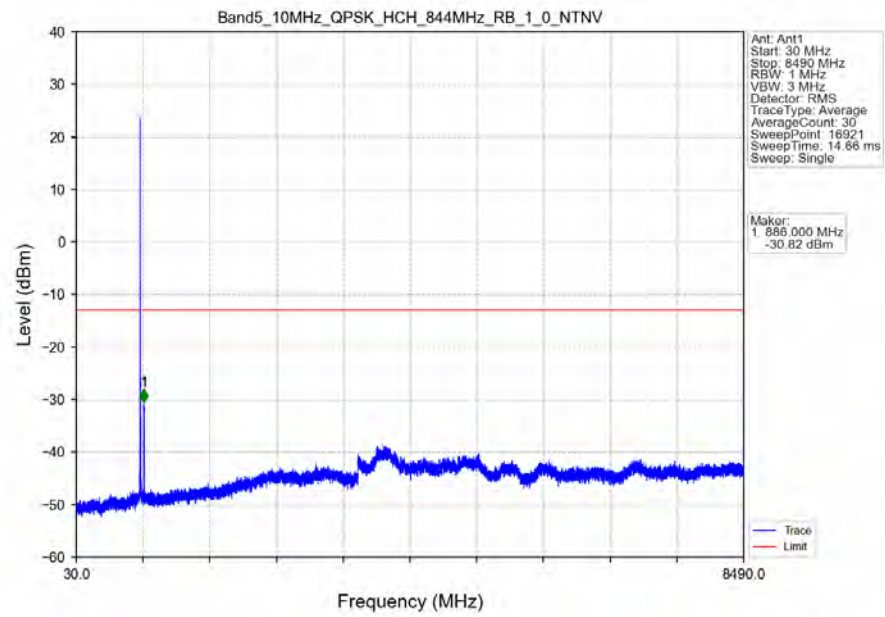
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



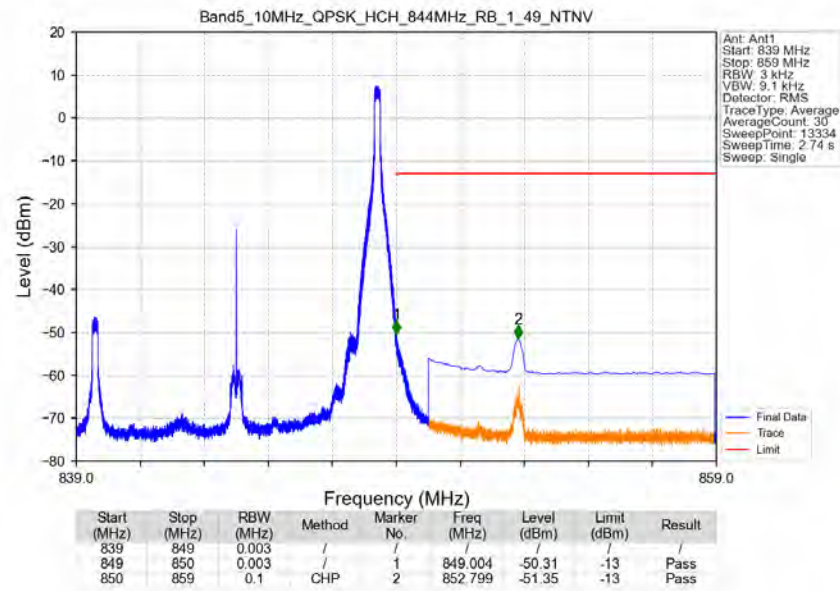
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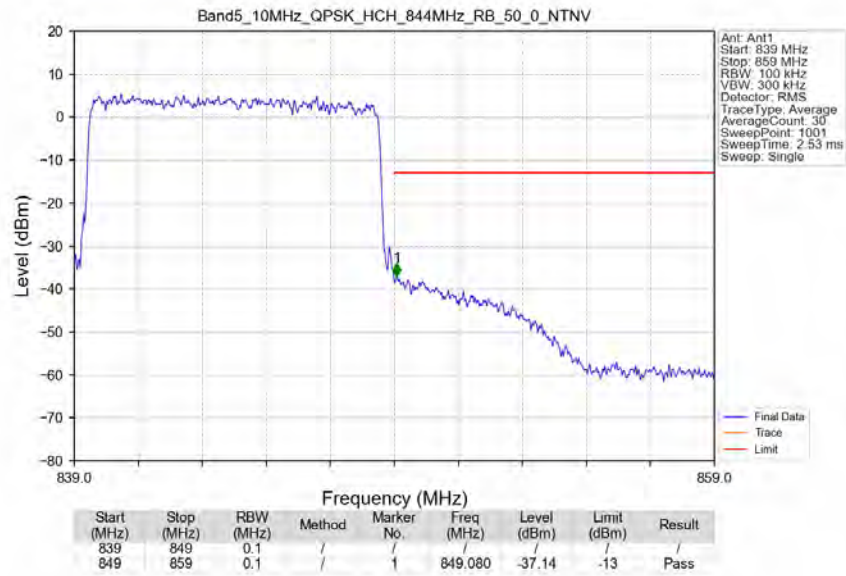
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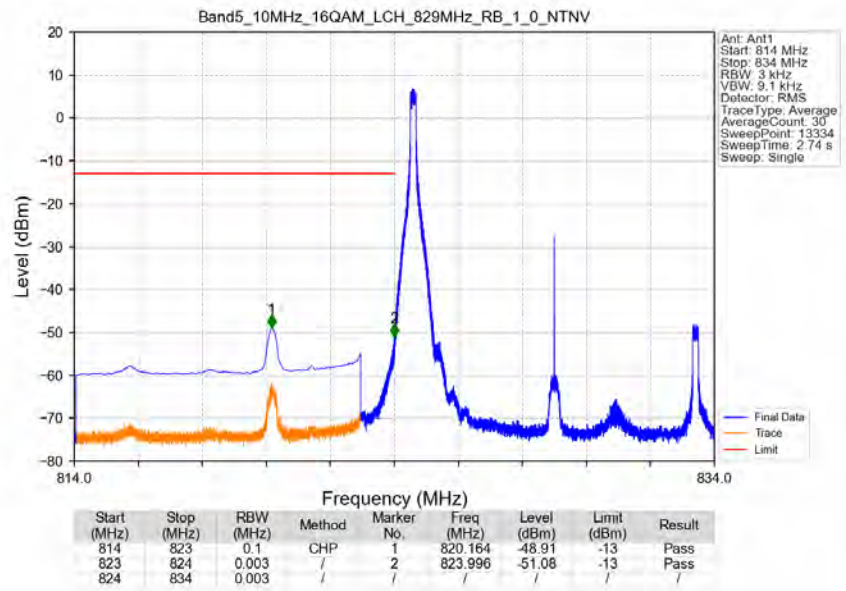
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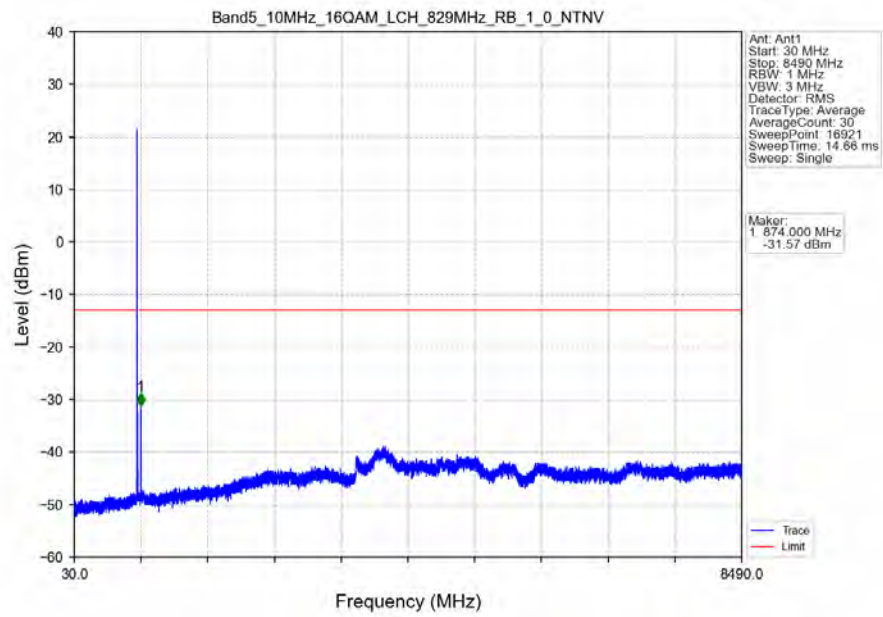
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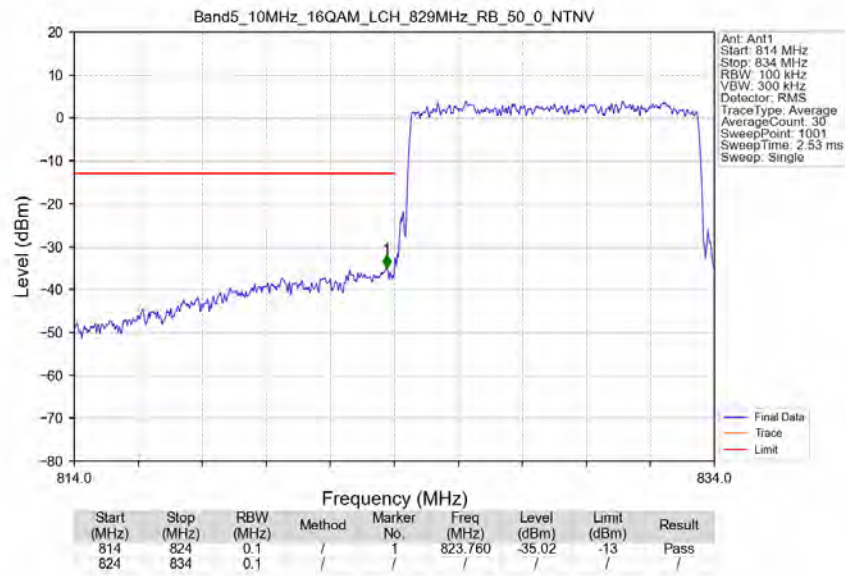
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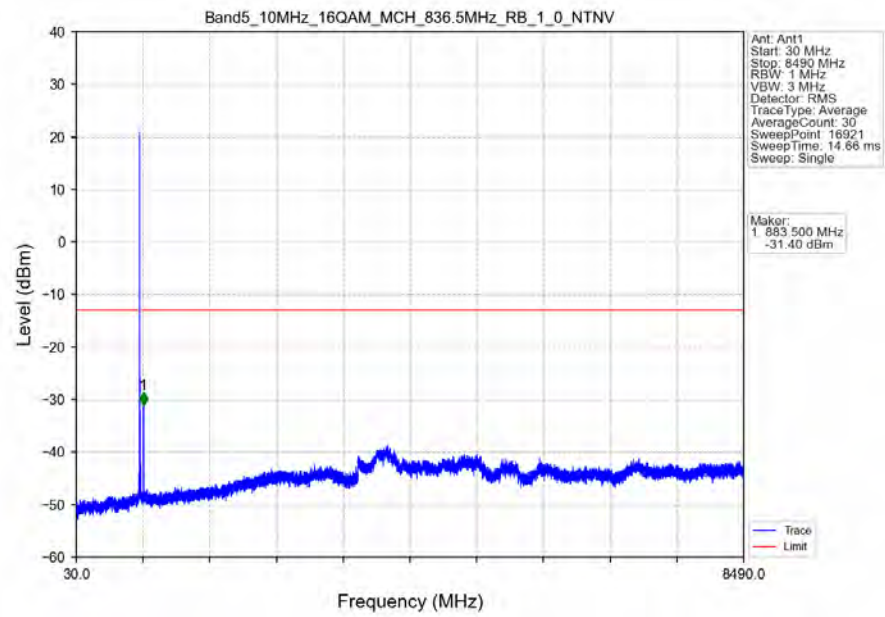
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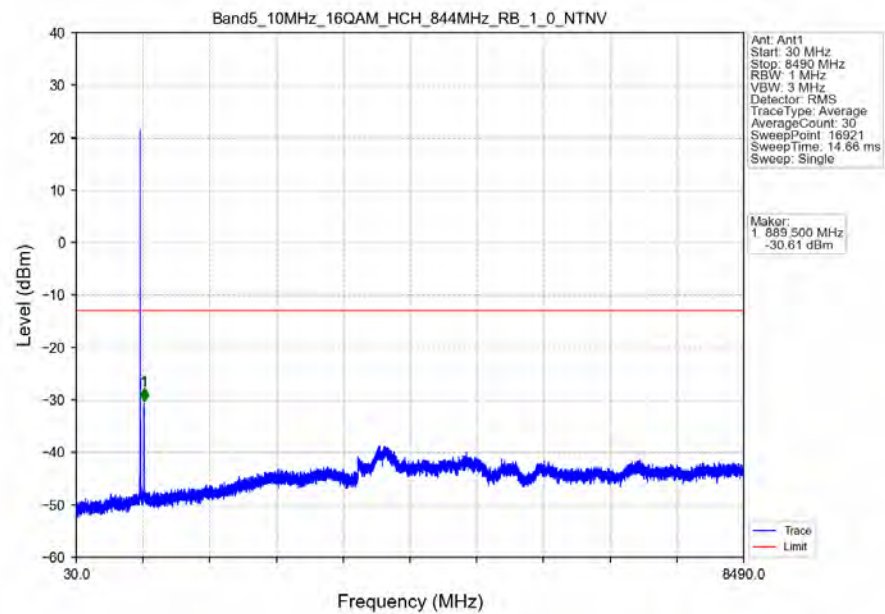
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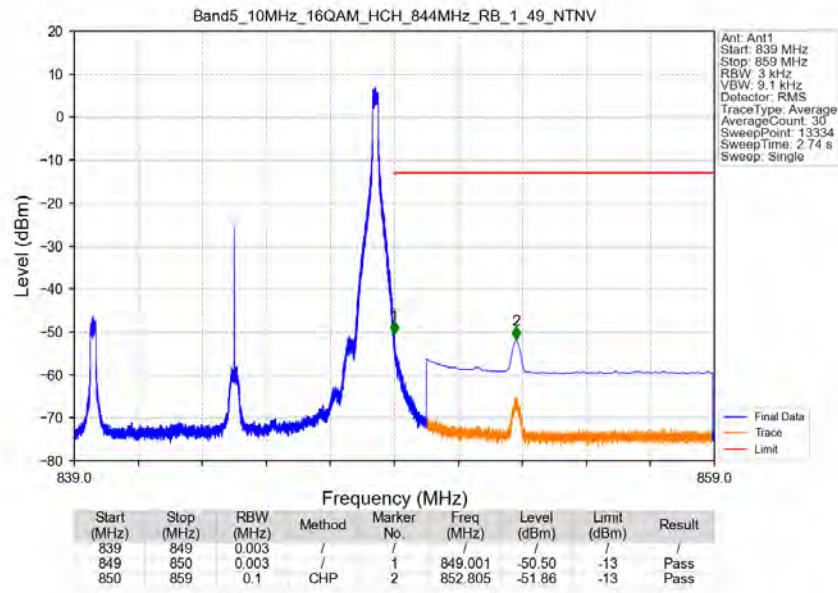
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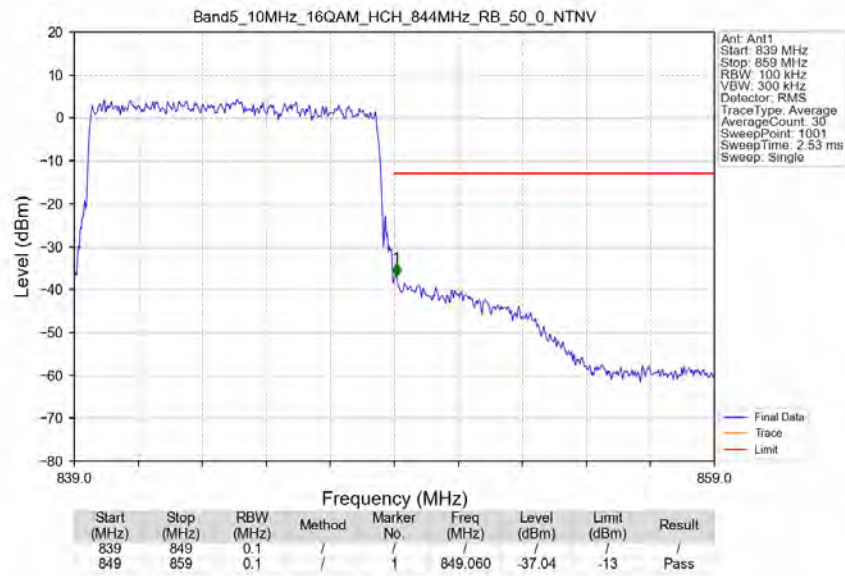
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



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



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



6. Field Strength of Spurious Radiation

LTE Band 5-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649.0	-66.82	-13	-53.82	-70.22	2.1	5.5	Horizontal	Pass
2473.5	-62.15	-13	-49.15	-65.27	2.64	5.76	Horizontal	Pass
3298.0	-60.62	-13	-47.62	-65.12	3.16	7.66	Horizontal	Pass
1649.0	-68.02	-13	-55.02	-71.42	2.1	5.5	Vertical	Pass
2473.5	-61.91	-13	-48.91	-65.03	2.64	5.76	Vertical	Pass
3298.0	-62.41	-13	-49.41	-66.91	3.16	7.66	Vertical	Pass

LTE Band 5-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1664.0	-68.24	-13	-55.24	-71.6	2.11	5.47	Horizontal	Pass
2496.0	-62.28	-13	-49.28	-65.43	2.66	5.81	Horizontal	Pass
3328.0	-60.83	-13	-47.83	-65.39	3.18	7.74	Horizontal	Pass
1664.0	-68.04	-13	-55.04	-71.4	2.11	5.47	Vertical	Pass
2496.0	-62.63	-13	-49.63	-65.78	2.66	5.81	Vertical	Pass
3328.0	-60.57	-13	-47.57	-65.13	3.18	7.74	Vertical	Pass

LTE Band 5-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1679.0	-67.82	-13	-54.82	-71.12	2.13	5.43	Horizontal	Pass
2518.5	-62.08	-13	-49.08	-65.27	2.67	5.86	Horizontal	Pass
3358.0	-60.2	-13	-47.2	-64.82	3.2	7.82	Horizontal	Pass
1679.0	-66.94	-13	-53.94	-70.24	2.13	5.43	Vertical	Pass
2518.5	-62.16	-13	-49.16	-65.35	2.67	5.86	Vertical	Pass
3358.0	-60.66	-13	-47.66	-65.28	3.2	7.82	Vertical	Pass