1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.81	-0.36	21.30	<=38.45	Pass
			2	23.87	-0.36	21.36	<=38.45	Pass
			5	23.73	-0.36	21.22	<=38.45	Pass
		3	0	23.85	-0.36	21.34	<=38.45	Pass
			2	23.73	-0.36	21.22	<=38.45	Pass
			3	23.72	-0.36	21.21	<=38.45	Pass
		6	0	22.74	-0.36	20.23	<=38.45	Pass
	836.5	1	0	24.27	-0.36	21.76	<=38.45	Pass
			2	24.29	-0.36	21.78	<=38.45	Pass
			5	24.17	-0.36	21.66	<=38.45	Pass
		3	0	24.06	-0.36	21.55	<=38.45	Pass
			2	24.16	-0.36	21.65	<=38.45	Pass
			3	24.08	-0.36	21.57	<=38.45	Pass
		6	0	23.08	-0.36	20.57	<=38.45	Pass
	848.3	1	0	24.31	-0.36	21.80	<=38.45	Pass
			2	24.02	-0.36	21.51	<=38.45	Pass
			5	24.24	-0.36	21.73	<=38.45	Pass
		3	0	24.13	-0.36	21.62	<=38.45	Pass
			2	24.25	-0.36	21.74	<=38.45	Pass
			3	24.08	-0.36	21.57	<=38.45	Pass
		6	0	23.16	-0.36	20.65	<=38.45	Pass
16QAM	824.7	1	0	23.41	-0.36	20.90	<=38.45	Pass
			2	23.55	-0.36	21.04	<=38.45	Pass
			5	23.45	-0.36	20.94	<=38.45	Pass
		3	0	23.13	-0.36	20.62	<=38.45	Pass
			2	22.96	-0.36	20.45	<=38.45	Pass
			3	22.77	-0.36	20.26	<=38.45	Pass
		6	0	21.84	-0.36	19.33	<=38.45	Pass
	836.5	1	0	23.27	-0.36	20.76	<=38.45	Pass
			2	23.33	-0.36	20.82	<=38.45	Pass
			5	23.17	-0.36	20.66	<=38.45	Pass
		3	0	23.18	-0.36	20.67	<=38.45	Pass
			2	23.21	-0.36	20.70	<=38.45	Pass
			3	23.14	-0.36	20.63	<=38.45	Pass
		6	0	21.91	-0.36	19.40	<=38.45	Pass
	848.3	1	0	23.20	-0.36	20.69	<=38.45	Pass
			2	23.34	-0.36	20.83	<=38.45	Pass
			5	23.16	-0.36	20.65	<=38.45	Pass
		3	0	23.18	-0.36	20.67	<=38.45	Pass
			2	23.24	-0.36	20.73	<=38.45	Pass
			3	23.28	-0.36	20.77	<=38.45	Pass
		6	0	22.11	-0.36	19.60	<=38.45	Pass
64QAM	824.7	1	0	21.52	-0.36	19.01	<=38.45	Pass
			2	21.66	-0.36	19.15	<=38.45	Pass
			5	21.41	-0.36	18.90	<=38.45	Pass
		3	0	21.93	-0.36	19.42	<=38.45	Pass
			2	21.94	-0.36	19.43	<=38.45	Pass

			3	21.96	-0.36	19.45	<=38.45	Pass
		6	0	20.82	-0.36	18.31	<=38.45	Pass
	836.5	1	0	21.95	-0.36	19.44	<=38.45	Pass
			2	21.99	-0.36	19.48	<=38.45	Pass
			5	22.01	-0.36	19.50	<=38.45	Pass
		3	0	22.28	-0.36	19.77	<=38.45	Pass
			2	22.32	-0.36	19.81	<=38.45	Pass
			3	22.32	-0.36	19.81	<=38.45	Pass
		6	0	21.09	-0.36	18.58	<=38.45	Pass
	848.3	1	0	22.38	-0.36	19.87	<=38.45	Pass
			2	22.57	-0.36	20.06	<=38.45	Pass
			5	22.33	-0.36	19.82	<=38.45	Pass
		3	0	22.22	-0.36	19.71	<=38.45	Pass
			2	22.53	-0.36	20.02	<=38.45	Pass
			3	22.47	-0.36	19.96	<=38.45	Pass
		6	0	21.12	-0.36	18.61	<=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	24.06	-0.36	21.55	<=38.45	Pass
			7	23.67	-0.36	21.16	<=38.45	Pass
			14	24.09	-0.36	21.58	<=38.45	Pass
		8	0	22.71	-0.36	20.20	<=38.45	Pass
			4	22.68	-0.36	20.17	<=38.45	Pass
			7	22.68	-0.36	20.17	<=38.45	Pass
		15	0	22.70	-0.36	20.19	<=38.45	Pass
	836.5	1	0	23.94	-0.36	21.43	<=38.45	Pass
			7	24.13	-0.36	21.62	<=38.45	Pass
			14	24.35	-0.36	21.84	<=38.45	Pass
		8	0	23.10	-0.36	20.59	<=38.45	Pass
			4	23.14	-0.36	20.63	<=38.45	Pass
			7	23.09	-0.36	20.58	<=38.45	Pass
		15	0	23.09	-0.36	20.58	<=38.45	Pass
	847.5	1	0	24.25	-0.36	21.74	<=38.45	Pass
			7	24.08	-0.36	21.57	<=38.45	Pass
			14	24.29	-0.36	21.78	<=38.45	Pass
		8	0	23.08	-0.36	20.57	<=38.45	Pass
			4	23.26	-0.36	20.75	<=38.45	Pass
			7	23.20	-0.36	20.69	<=38.45	Pass
		15	0	23.09	-0.36	20.58	<=38.45	Pass
16QAM	825.5	1	0	23.38	-0.36	20.87	<=38.45	Pass
			7	23.30	-0.36	20.79	<=38.45	Pass
			14	23.17	-0.36	20.66	<=38.45	Pass
		8	0	21.87	-0.36	19.36	<=38.45	Pass
			4	21.89	-0.36	19.38	<=38.45	Pass
			7	21.88	-0.36	19.37	<=38.45	Pass
		15	0	21.71	-0.36	19.20	<=38.45	Pass
	836.5	1	0	23.42	-0.36	20.91	<=38.45	Pass
			7	23.48	-0.36	20.97	<=38.45	Pass

			14	23.86	-0.36	21.35	<=38.45	Pass
		8	0	22.02	-0.36	19.51	<=38.45	Pass
			4	22.11	-0.36	19.60	<=38.45	Pass
			7	22.16	-0.36	19.65	<=38.45	Pass
		15	0	22.09	-0.36	19.58	<=38.45	Pass
	847.5	1	0	23.19	-0.36	20.68	<=38.45	Pass
			7	23.05	-0.36	20.54	<=38.45	Pass
			14	23.32	-0.36	20.81	<=38.45	Pass
		8	0	21.92	-0.36	19.41	<=38.45	Pass
			4	22.33	-0.36	19.82	<=38.45	Pass
			7	22.30	-0.36	19.79	<=38.45	Pass
		15	0	22.18	-0.36	19.67	<=38.45	Pass
64QAM	825.5	1	0	22.38	-0.36	19.87	<=38.45	Pass
			7	22.46	-0.36	19.95	<=38.45	Pass
			14	22.46	-0.36	19.95	<=38.45	Pass
		8	0	21.06	-0.36	18.55	<=38.45	Pass
			4	20.98	-0.36	18.47	<=38.45	Pass
			7	20.99	-0.36	18.48	<=38.45	Pass
		15	0	20.62	-0.36	18.11	<=38.45	Pass
	836.5	1	0	21.83	-0.36	19.32	<=38.45	Pass
			7	22.02	-0.36	19.51	<=38.45	Pass
			14	22.31	-0.36	19.80	<=38.45	Pass
		8	0	20.82	-0.36	18.31	<=38.45	Pass
			4	20.84	-0.36	18.33	<=38.45	Pass
			7	20.91	-0.36	18.40	<=38.45	Pass
		15	0	21.16	-0.36	18.65	<=38.45	Pass
	847.5	1	0	21.87	-0.36	19.36	<=38.45	Pass
			7	22.01	-0.36	19.50	<=38.45	Pass
			14	22.02	-0.36	19.51	<=38.45	Pass
		8	0	20.91	-0.36	18.40	<=38.45	Pass
			4	21.06	-0.36	18.55	<=38.45	Pass
			7	21.11	-0.36	18.60	<=38.45	Pass
		15	0	21.14	-0.36	18.63	<=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	23.74	-0.36	21.23	<=38.45	Pass
			13	23.83	-0.36	21.32	<=38.45	Pass
			24	23.70	-0.36	21.19	<=38.45	Pass
		12	0	22.67	-0.36	20.16	<=38.45	Pass
			6	22.80	-0.36	20.29	<=38.45	Pass
			13	22.97	-0.36	20.46	<=38.45	Pass
		25	0	22.85	-0.36	20.34	<=38.45	Pass
	836.5	1	0	23.88	-0.36	21.37	<=38.45	Pass
			13	24.09	-0.36	21.58	<=38.45	Pass
			24	24.12	-0.36	21.61	<=38.45	Pass
		12	0	23.12	-0.36	20.61	<=38.45	Pass
			6	23.12	-0.36	20.61	<=38.45	Pass
			13	23.13	-0.36	20.62	<=38.45	Pass

		25	0	23.18	-0.36	20.67	<=38.45	Pass
	846.5	1	0	23.84	-0.36	21.33	<=38.45	Pass
			13	24.08	-0.36	21.57	<=38.45	Pass
			24	23.98	-0.36	21.47	<=38.45	Pass
		12	0	23.07	-0.36	20.56	<=38.45	Pass
			6	22.99	-0.36	20.48	<=38.45	Pass
			13	23.14	-0.36	20.63	<=38.45	Pass
		25	0	23.14	-0.36	20.63	<=38.45	Pass
16QAM	826.5	1	0	22.49	-0.36	19.98	<=38.45	Pass
			13	22.64	-0.36	20.13	<=38.45	Pass
			24	22.31	-0.36	19.80	<=38.45	Pass
		12	0	21.70	-0.36	19.19	<=38.45	Pass
			6	21.85	-0.36	19.34	<=38.45	Pass
			13	22.01	-0.36	19.50	<=38.45	Pass
		25	0	21.94	-0.36	19.43	<=38.45	Pass
	836.5	1	0	23.32	-0.36	20.81	<=38.45	Pass
			13	23.67	-0.36	21.16	<=38.45	Pass
			24	23.63	-0.36	21.12	<=38.45	Pass
		12	0	22.09	-0.36	19.58	<=38.45	Pass
			6	22.11	-0.36	19.60	<=38.45	Pass
			13	22.11	-0.36	19.60	<=38.45	Pass
		25	0	22.20	-0.36	19.69	<=38.45	Pass
	846.5	1	0	23.35	-0.36	20.84	<=38.45	Pass
			13	23.12	-0.36	20.61	<=38.45	Pass
			24	22.94	-0.36	20.43	<=38.45	Pass
		12	0	22.21	-0.36	19.70	<=38.45	Pass
			6	21.98	-0.36	19.47	<=38.45	Pass
			13	21.91	-0.36	19.40	<=38.45	Pass
		25	0	22.13	-0.36	19.62	<=38.45	Pass
64QAM	826.5	1	0	21.44	-0.36	18.93	<=38.45	Pass
			13	21.86	-0.36	19.35	<=38.45	Pass
			24	21.95	-0.36	19.44	<=38.45	Pass
		12	0	20.73	-0.36	18.22	<=38.45	Pass
			6	20.85	-0.36	18.34	<=38.45	Pass
			13	20.93	-0.36	18.42	<=38.45	Pass
		25	0	20.95	-0.36	18.44	<=38.45	Pass
	836.5	1	0	22.32	-0.36	19.81	<=38.45	Pass
			13	22.43	-0.36	19.92	<=38.45	Pass
			24	22.34	-0.36	19.83	<=38.45	Pass
		12	0	21.11	-0.36	18.60	<=38.45	Pass
			6	21.11	-0.36	18.60	<=38.45	Pass
			13	21.13	-0.36	18.62	<=38.45	Pass
		25	0	21.21	-0.36	18.70	<=38.45	Pass
	846.5	1	0	21.75	-0.36	19.24	<=38.45	Pass
			13	21.44	-0.36	18.93	<=38.45	Pass
			24	21.63	-0.36	19.12	<=38.45	Pass
		12	0	20.97	-0.36	18.46	<=38.45	Pass
			6	20.97	-0.36	18.46	<=38.45	Pass
			13	21.15	-0.36	18.64	<=38.45	Pass
		25	0	21.07	-0.36	18.56	<=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	23.98	-0.36	21.47	<=38.45	Pass
			25	23.96	-0.36	21.45	<=38.45	Pass
			49	23.98	-0.36	21.47	<=38.45	Pass
		25	0	22.89	-0.36	20.38	<=38.45	Pass
			13	22.94	-0.36	20.43	<=38.45	Pass
			25	23.08	-0.36	20.57	<=38.45	Pass
		50	0	23.07	-0.36	20.56	<=38.45	Pass
	836.5	1	0	24.04	-0.36	21.53	<=38.45	Pass
			25	24.11	-0.36	21.60	<=38.45	Pass
			49	24.12	-0.36	21.61	<=38.45	Pass
		25	0	23.21	-0.36	20.70	<=38.45	Pass
			13	23.15	-0.36	20.64	<=38.45	Pass
			25	23.30	-0.36	20.79	<=38.45	Pass
		50	0	23.16	-0.36	20.65	<=38.45	Pass
	844	1	0	24.36	-0.36	21.85	<=38.45	Pass
			25	24.32	-0.36	21.81	<=38.45	Pass
			49	24.22	-0.36	21.71	<=38.45	Pass
		25	0	23.26	-0.36	20.75	<=38.45	Pass
			13	23.20	-0.36	20.69	<=38.45	Pass
			25	23.11	-0.36	20.60	<=38.45	Pass
		50	0	23.19	-0.36	20.68	<=38.45	Pass
16QAM	829	1	0	23.22	-0.36	20.71	<=38.45	Pass
			25	23.48	-0.36	20.97	<=38.45	Pass
			49	23.42	-0.36	20.91	<=38.45	Pass
		25	0	21.96	-0.36	19.45	<=38.45	Pass
			13	21.95	-0.36	19.44	<=38.45	Pass
			25	22.08	-0.36	19.57	<=38.45	Pass
		50	0	22.10	-0.36	19.59	<=38.45	Pass
	836.5	1	0	22.90	-0.36	20.39	<=38.45	Pass
			25	23.58	-0.36	21.07	<=38.45	Pass
			49	23.68	-0.36	21.17	<=38.45	Pass
		25	0	22.32	-0.36	19.81	<=38.45	Pass
			13	22.42	-0.36	19.91	<=38.45	Pass
			25	22.35	-0.36	19.84	<=38.45	Pass
		50	0	22.19	-0.36	19.68	<=38.45	Pass
	844	1	0	23.43	-0.36	20.92	<=38.45	Pass
			25	23.21	-0.36	20.70	<=38.45	Pass
			49	23.08	-0.36	20.57	<=38.45	Pass
		25	0	22.22	-0.36	19.71	<=38.45	Pass
			13	22.28	-0.36	19.77	<=38.45	Pass
			25	22.20	-0.36	19.69	<=38.45	Pass
		50	0	22.19	-0.36	19.68	<=38.45	Pass
64QAM	829	1	0	22.33	-0.36	19.82	<=38.45	Pass
			25	22.71	-0.36	20.20	<=38.45	Pass
			49	22.68	-0.36	20.17	<=38.45	Pass
		25	0	21.03	-0.36	18.52	<=38.45	Pass
			13	20.88	-0.36	18.37	<=38.45	Pass
			25	20.95	-0.36	18.44	<=38.45	Pass
		50	0	21.01	-0.36	18.50	<=38.45	Pass
	836.5	1	0	21.99	-0.36	19.48	<=38.45	Pass

			25	22.10	-0.36	19.59	<=38.45	Pass
			49	22.34	-0.36	19.83	<=38.45	Pass
		25	0	21.14	-0.36	18.63	<=38.45	Pass
			13	21.18	-0.36	18.67	<=38.45	Pass
			25	21.26	-0.36	18.75	<=38.45	Pass
		50	0	21.15	-0.36	18.64	<=38.45	Pass
	844	1	0	21.95	-0.36	19.44	<=38.45	Pass
			25	22.20	-0.36	19.69	<=38.45	Pass
			49	21.97	-0.36	19.46	<=38.45	Pass
		25	0	21.16	-0.36	18.65	<=38.45	Pass
			13	21.10	-0.36	18.59	<=38.45	Pass
			25	21.16	-0.36	18.65	<=38.45	Pass
		50	0	21.18	-0.36	18.67	<=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	6.12	-11.630	-0.0141	-2.5 to 2.5	Pass
					7.20	-12.403	-0.0150	-2.5 to 2.5	Pass
					8.28	-7.238	-0.0088	-2.5 to 2.5	Pass
				-30	7.20	-6.123	-0.0074	-2.5 to 2.5	Pass
				-20	7.20	-5.536	-0.0067	-2.5 to 2.5	Pass
				-10	7.20	-2.704	-0.0033	-2.5 to 2.5	Pass
				0	7.20	-2.475	-0.0030	-2.5 to 2.5	Pass
				10	7.20	-2.503	-0.0030	-2.5 to 2.5	Pass
				30	7.20	-1.688	-0.0020	-2.5 to 2.5	Pass
				40	7.20	-1.774	-0.0022	-2.5 to 2.5	Pass
				50	7.20	-2.017	-0.0024	-2.5 to 2.5	Pass
	836.5	6	0	20	6.12	-7.796	-0.0093	-2.5 to 2.5	Pass
					7.20	-7.081	-0.0085	-2.5 to 2.5	Pass
					8.28	-5.522	-0.0066	-2.5 to 2.5	Pass
				-30	7.20	-4.177	-0.0050	-2.5 to 2.5	Pass
				-20	7.20	-3.505	-0.0042	-2.5 to 2.5	Pass
				-10	7.20	-1.974	-0.0024	-2.5 to 2.5	Pass
				0	7.20	-2.103	-0.0025	-2.5 to 2.5	Pass
				10	7.20	-0.286	-0.0003	-2.5 to 2.5	Pass
				30	7.20	-0.272	-0.0003	-2.5 to 2.5	Pass
				40	7.20	0.100	0.0001	-2.5 to 2.5	Pass
				50	7.20	-1.273	-0.0015	-2.5 to 2.5	Pass
	848.3	6	0	20	6.12	-10.715	-0.0126	-2.5 to 2.5	Pass
					7.20	-7.811	-0.0092	-2.5 to 2.5	Pass
					8.28	-6.666	-0.0079	-2.5 to 2.5	Pass
				-30	7.20	-5.293	-0.0062	-2.5 to 2.5	Pass
				-20	7.20	-4.134	-0.0049	-2.5 to 2.5	Pass
				-10	7.20	-3.505	-0.0041	-2.5 to 2.5	Pass
				0	7.20	-2.518	-0.0030	-2.5 to 2.5	Pass
				10	7.20	-2.475	-0.0029	-2.5 to 2.5	Pass
				30	7.20	-2.060	-0.0024	-2.5 to 2.5	Pass

				40	7.20	-2.303	-0.0027	-2.5 to 2.5	Pass
				50	7.20	-0.315	-0.0004	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	6.12	-2.246	-0.0027	-2.5 to 2.5	Pass
					7.20	-2.046	-0.0025	-2.5 to 2.5	Pass
					8.28	-1.030	-0.0012	-2.5 to 2.5	Pass
				-30	7.20	-1.159	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	-1.674	-0.0020	-2.5 to 2.5	Pass
				-10	7.20	-1.616	-0.0020	-2.5 to 2.5	Pass
				0	7.20	-0.587	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-1.345	-0.0016	-2.5 to 2.5	Pass
				30	7.20	-0.987	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-1.259	-0.0015	-2.5 to 2.5	Pass
				50	7.20	-1.760	-0.0021	-2.5 to 2.5	Pass
	836.5	6	0	20	6.12	-0.629	-0.0008	-2.5 to 2.5	Pass
					7.20	-0.272	-0.0003	-2.5 to 2.5	Pass
					8.28	0.000	0.0000	-2.5 to 2.5	Pass
				-30	7.20	-0.343	-0.0004	-2.5 to 2.5	Pass
				-20	7.20	-0.257	-0.0003	-2.5 to 2.5	Pass
				-10	7.20	-0.358	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	7.20	-1.101	-0.0013	-2.5 to 2.5	Pass
				30	7.20	-0.243	-0.0003	-2.5 to 2.5	Pass
				40	7.20	-0.629	-0.0008	-2.5 to 2.5	Pass
				50	7.20	-0.386	-0.0005	-2.5 to 2.5	Pass
	848.3	6	0	20	6.12	-2.017	-0.0024	-2.5 to 2.5	Pass
					7.20	-1.531	-0.0018	-2.5 to 2.5	Pass
					8.28	-1.602	-0.0019	-2.5 to 2.5	Pass
				-30	7.20	-2.060	-0.0024	-2.5 to 2.5	Pass
				-20	7.20	-0.858	-0.0010	-2.5 to 2.5	Pass
				-10	7.20	-2.031	-0.0024	-2.5 to 2.5	Pass
				0	7.20	-1.345	-0.0016	-2.5 to 2.5	Pass
				10	7.20	-1.230	-0.0014	-2.5 to 2.5	Pass
				30	7.20	-0.572	-0.0007	-2.5 to 2.5	Pass
				40	7.20	-1.187	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-0.916	-0.0011	-2.5 to 2.5	Pass
64QAM	824.7	6	0	20	6.12	-2.317	-0.0028	-2.5 to 2.5	Pass
					7.20	-2.089	-0.0025	-2.5 to 2.5	Pass
					8.28	-0.944	-0.0011	-2.5 to 2.5	Pass
				-30	7.20	-1.445	-0.0018	-2.5 to 2.5	Pass
				-20	7.20	-1.659	-0.0020	-2.5 to 2.5	Pass
				-10	7.20	-1.502	-0.0018	-2.5 to 2.5	Pass
				0	7.20	-2.074	-0.0025	-2.5 to 2.5	Pass
				10	7.20	-0.772	-0.0009	-2.5 to 2.5	Pass
				30	7.20	-0.687	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-1.416	-0.0017	-2.5 to 2.5	Pass
				50	7.20	-1.960	-0.0024	-2.5 to 2.5	Pass
	836.5	6	0	20	6.12	-1.345	-0.0016	-2.5 to 2.5	Pass
					7.20	-1.917	-0.0023	-2.5 to 2.5	Pass
					8.28	-0.401	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	-1.316	-0.0016	-2.5 to 2.5	Pass
				-20	7.20	-0.572	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	-0.772	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-1.330	-0.0016	-2.5 to 2.5	Pass
				10	7.20	-1.502	-0.0018	-2.5 to 2.5	Pass
				30	7.20	-0.958	-0.0011	-2.5 to 2.5	Pass
				40	7.20	-0.615	-0.0007	-2.5 to 2.5	Pass
				50	7.20	-0.544	-0.0007	-2.5 to 2.5	Pass
	848.3	6	0	20	6.12	-1.059	-0.0012	-2.5 to 2.5	Pass

					7.20	-1.101	-0.0013	-2.5 to 2.5	Pass
					8.28	-0.873	-0.0010	-2.5 to 2.5	Pass
				-30	7.20	-1.059	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-1.316	-0.0016	-2.5 to 2.5	Pass
				-10	7.20	-1.073	-0.0013	-2.5 to 2.5	Pass
				0	7.20	-1.230	-0.0014	-2.5 to 2.5	Pass
				10	7.20	-1.502	-0.0018	-2.5 to 2.5	Pass
				30	7.20	-1.903	-0.0022	-2.5 to 2.5	Pass
				40	7.20	-0.815	-0.0010	-2.5 to 2.5	Pass
				50	7.20	-1.373	-0.0016	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

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	6.12	2.489	0.0030	-2.5 to 2.5	Pass
					7.20	2.432	0.0029	-2.5 to 2.5	Pass
					8.28	2.575	0.0031	-2.5 to 2.5	Pass
				-30	7.20	2.789	0.0034	-2.5 to 2.5	Pass
				-20	7.20	2.174	0.0026	-2.5 to 2.5	Pass
				-10	7.20	2.947	0.0036	-2.5 to 2.5	Pass
				0	7.20	2.589	0.0031	-2.5 to 2.5	Pass
				10	7.20	2.747	0.0033	-2.5 to 2.5	Pass
				30	7.20	2.260	0.0027	-2.5 to 2.5	Pass
				40	7.20	1.945	0.0024	-2.5 to 2.5	Pass
				50	7.20	1.960	0.0024	-2.5 to 2.5	Pass
	836.5	15	0	20	6.12	0.286	0.0003	-2.5 to 2.5	Pass
					7.20	2.189	0.0026	-2.5 to 2.5	Pass
					8.28	0.501	0.0006	-2.5 to 2.5	Pass
				-30	7.20	0.472	0.0006	-2.5 to 2.5	Pass
				-20	7.20	1.202	0.0014	-2.5 to 2.5	Pass
				-10	7.20	1.016	0.0012	-2.5 to 2.5	Pass
				0	7.20	0.744	0.0009	-2.5 to 2.5	Pass
				10	7.20	0.873	0.0010	-2.5 to 2.5	Pass
				30	7.20	0.386	0.0005	-2.5 to 2.5	Pass
				40	7.20	0.644	0.0008	-2.5 to 2.5	Pass
				50	7.20	1.345	0.0016	-2.5 to 2.5	Pass
	847.5	15	0	20	6.12	0.100	0.0001	-2.5 to 2.5	Pass
					7.20	0.944	0.0011	-2.5 to 2.5	Pass
					8.28	1.273	0.0015	-2.5 to 2.5	Pass
				-30	7.20	0.286	0.0003	-2.5 to 2.5	Pass
				-20	7.20	0.129	0.0002	-2.5 to 2.5	Pass
				-10	7.20	-0.286	-0.0003	-2.5 to 2.5	Pass
				0	7.20	-0.229	-0.0003	-2.5 to 2.5	Pass
				10	7.20	-0.029	0.0000	-2.5 to 2.5	Pass
				30	7.20	0.544	0.0006	-2.5 to 2.5	Pass
				40	7.20	0.873	0.0010	-2.5 to 2.5	Pass
				50	7.20	1.230	0.0015	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	6.12	2.418	0.0029	-2.5 to 2.5	Pass
					7.20	1.731	0.0021	-2.5 to 2.5	Pass
					8.28	1.388	0.0017	-2.5 to 2.5	Pass
				-30	7.20	2.117	0.0026	-2.5 to 2.5	Pass

				-20	7.20	2.260	0.0027	-2.5 to 2.5	Pass
				-10	7.20	1.616	0.0020	-2.5 to 2.5	Pass
				0	7.20	1.960	0.0024	-2.5 to 2.5	Pass
				10	7.20	2.160	0.0026	-2.5 to 2.5	Pass
				30	7.20	2.389	0.0029	-2.5 to 2.5	Pass
				40	7.20	1.988	0.0024	-2.5 to 2.5	Pass
				50	7.20	2.246	0.0027	-2.5 to 2.5	Pass
	836.5	15	0	20	6.12	0.944	0.0011	-2.5 to 2.5	Pass
					7.20	1.559	0.0019	-2.5 to 2.5	Pass
					8.28	1.702	0.0020	-2.5 to 2.5	Pass
				-30	7.20	1.044	0.0012	-2.5 to 2.5	Pass
				-20	7.20	1.287	0.0015	-2.5 to 2.5	Pass
				-10	7.20	0.629	0.0008	-2.5 to 2.5	Pass
				0	7.20	0.930	0.0011	-2.5 to 2.5	Pass
				10	7.20	1.259	0.0015	-2.5 to 2.5	Pass
				30	7.20	2.174	0.0026	-2.5 to 2.5	Pass
				40	7.20	2.089	0.0025	-2.5 to 2.5	Pass
				50	7.20	1.645	0.0020	-2.5 to 2.5	Pass
	847.5	15	0	20	6.12	-0.601	-0.0007	-2.5 to 2.5	Pass
					7.20	-0.014	0.0000	-2.5 to 2.5	Pass
					8.28	-0.286	-0.0003	-2.5 to 2.5	Pass
				-30	7.20	-0.687	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	-0.887	-0.0010	-2.5 to 2.5	Pass
				-10	7.20	0.901	0.0011	-2.5 to 2.5	Pass
				0	7.20	0.143	0.0002	-2.5 to 2.5	Pass
				10	7.20	0.172	0.0002	-2.5 to 2.5	Pass
				30	7.20	-0.257	-0.0003	-2.5 to 2.5	Pass
				40	7.20	-0.486	-0.0006	-2.5 to 2.5	Pass
				50	7.20	-0.386	-0.0005	-2.5 to 2.5	Pass
64QAM	825.5	15	0	20	6.12	1.659	0.0020	-2.5 to 2.5	Pass
					7.20	2.103	0.0025	-2.5 to 2.5	Pass
					8.28	2.403	0.0029	-2.5 to 2.5	Pass
				-30	7.20	2.089	0.0025	-2.5 to 2.5	Pass
				-20	7.20	1.831	0.0022	-2.5 to 2.5	Pass
				-10	7.20	2.232	0.0027	-2.5 to 2.5	Pass
				0	7.20	1.588	0.0019	-2.5 to 2.5	Pass
				10	7.20	3.276	0.0040	-2.5 to 2.5	Pass
				30	7.20	0.772	0.0009	-2.5 to 2.5	Pass
				40	7.20	2.747	0.0033	-2.5 to 2.5	Pass
				50	7.20	3.333	0.0040	-2.5 to 2.5	Pass
	836.5	15	0	20	6.12	0.887	0.0011	-2.5 to 2.5	Pass
					7.20	1.159	0.0014	-2.5 to 2.5	Pass
					8.28	2.518	0.0030	-2.5 to 2.5	Pass
				-30	7.20	2.275	0.0027	-2.5 to 2.5	Pass
				-20	7.20	2.589	0.0031	-2.5 to 2.5	Pass
				-10	7.20	1.631	0.0019	-2.5 to 2.5	Pass
				0	7.20	2.947	0.0035	-2.5 to 2.5	Pass
				10	7.20	3.004	0.0036	-2.5 to 2.5	Pass
				30	7.20	2.804	0.0034	-2.5 to 2.5	Pass
				40	7.20	2.933	0.0035	-2.5 to 2.5	Pass
				50	7.20	2.432	0.0029	-2.5 to 2.5	Pass
	847.5	15	0	20	6.12	0.701	0.0008	-2.5 to 2.5	Pass
					7.20	0.415	0.0005	-2.5 to 2.5	Pass
					8.28	0.901	0.0011	-2.5 to 2.5	Pass
				-30	7.20	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	7.20	0.844	0.0010	-2.5 to 2.5	Pass
				-10	7.20	1.588	0.0019	-2.5 to 2.5	Pass
				0	7.20	1.373	0.0016	-2.5 to 2.5	Pass

				10	7.20	0.687	0.0008	-2.5 to 2.5	Pass
				30	7.20	0.615	0.0007	-2.5 to 2.5	Pass
				40	7.20	1.202	0.0014	-2.5 to 2.5	Pass
				50	7.20	1.302	0.0015	-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	6.12	-0.472	-0.0006	-2.5 to 2.5	Pass
					7.20	-0.744	-0.0009	-2.5 to 2.5	Pass
					8.28	-0.157	-0.0002	-2.5 to 2.5	Pass
				-30	7.20	0.386	0.0005	-2.5 to 2.5	Pass
				-20	7.20	-0.601	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	-0.415	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-0.958	-0.0012	-2.5 to 2.5	Pass
				10	7.20	-0.958	-0.0012	-2.5 to 2.5	Pass
				30	7.20	-0.973	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-0.329	-0.0004	-2.5 to 2.5	Pass
				50	7.20	0.100	0.0001	-2.5 to 2.5	Pass
	836.5	25	0	20	6.12	-0.944	-0.0011	-2.5 to 2.5	Pass
					7.20	-0.429	-0.0005	-2.5 to 2.5	Pass
					8.28	0.429	0.0005	-2.5 to 2.5	Pass
				-30	7.20	-0.472	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	7.20	-0.143	-0.0002	-2.5 to 2.5	Pass
				0	7.20	0.000	0.0000	-2.5 to 2.5	Pass
				10	7.20	0.329	0.0004	-2.5 to 2.5	Pass
				30	7.20	-0.844	-0.0010	-2.5 to 2.5	Pass
				40	7.20	-0.572	-0.0007	-2.5 to 2.5	Pass
				50	7.20	0.129	0.0002	-2.5 to 2.5	Pass
	846.5	25	0	20	6.12	1.216	0.0014	-2.5 to 2.5	Pass
					7.20	0.916	0.0011	-2.5 to 2.5	Pass
					8.28	1.230	0.0015	-2.5 to 2.5	Pass
				-30	7.20	1.101	0.0013	-2.5 to 2.5	Pass
				-20	7.20	1.216	0.0014	-2.5 to 2.5	Pass
				-10	7.20	1.330	0.0016	-2.5 to 2.5	Pass
				0	7.20	1.345	0.0016	-2.5 to 2.5	Pass
				10	7.20	1.788	0.0021	-2.5 to 2.5	Pass
				30	7.20	1.531	0.0018	-2.5 to 2.5	Pass
				40	7.20	1.831	0.0022	-2.5 to 2.5	Pass
				50	7.20	1.144	0.0014	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	6.12	0.343	0.0004	-2.5 to 2.5	Pass
					7.20	0.629	0.0008	-2.5 to 2.5	Pass
					8.28	0.715	0.0009	-2.5 to 2.5	Pass
				-30	7.20	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	7.20	-0.701	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	0.215	0.0003	-2.5 to 2.5	Pass
				0	7.20	0.072	0.0001	-2.5 to 2.5	Pass
				10	7.20	0.086	0.0001	-2.5 to 2.5	Pass
				30	7.20	0.343	0.0004	-2.5 to 2.5	Pass
				40	7.20	-0.615	-0.0007	-2.5 to 2.5	Pass

				50	7.20	0.858	0.0010	-2.5 to 2.5	Pass
	836.5	25	0	20	6.12	-0.229	-0.0003	-2.5 to 2.5	Pass
					7.20	-0.157	-0.0002	-2.5 to 2.5	Pass
					8.28	-0.730	-0.0009	-2.5 to 2.5	Pass
				-30	7.20	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	7.20	0.801	0.0010	-2.5 to 2.5	Pass
				-10	7.20	0.587	0.0007	-2.5 to 2.5	Pass
				0	7.20	0.300	0.0004	-2.5 to 2.5	Pass
				10	7.20	-0.043	-0.0001	-2.5 to 2.5	Pass
				30	7.20	-0.057	-0.0001	-2.5 to 2.5	Pass
				40	7.20	0.043	0.0001	-2.5 to 2.5	Pass
				50	7.20	0.157	0.0002	-2.5 to 2.5	Pass
	846.5	25	0	20	6.12	1.245	0.0015	-2.5 to 2.5	Pass
					7.20	1.531	0.0018	-2.5 to 2.5	Pass
					8.28	1.988	0.0023	-2.5 to 2.5	Pass
				-30	7.20	1.845	0.0022	-2.5 to 2.5	Pass
				-20	7.20	3.176	0.0038	-2.5 to 2.5	Pass
				-10	7.20	2.561	0.0030	-2.5 to 2.5	Pass
				0	7.20	2.904	0.0034	-2.5 to 2.5	Pass
				10	7.20	2.832	0.0033	-2.5 to 2.5	Pass
				30	7.20	2.975	0.0035	-2.5 to 2.5	Pass
				40	7.20	2.832	0.0033	-2.5 to 2.5	Pass
				50	7.20	2.918	0.0034	-2.5 to 2.5	Pass
64QAM	826.5	25	0	20	6.12	-0.086	-0.0001	-2.5 to 2.5	Pass
					7.20	-0.501	-0.0006	-2.5 to 2.5	Pass
					8.28	0.186	0.0002	-2.5 to 2.5	Pass
				-30	7.20	0.372	0.0005	-2.5 to 2.5	Pass
				-20	7.20	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	7.20	-0.129	-0.0002	-2.5 to 2.5	Pass
				0	7.20	0.315	0.0004	-2.5 to 2.5	Pass
				10	7.20	0.529	0.0006	-2.5 to 2.5	Pass
				30	7.20	0.358	0.0004	-2.5 to 2.5	Pass
				40	7.20	0.515	0.0006	-2.5 to 2.5	Pass
				50	7.20	0.443	0.0005	-2.5 to 2.5	Pass
	836.5	25	0	20	6.12	-0.200	-0.0002	-2.5 to 2.5	Pass
					7.20	0.515	0.0006	-2.5 to 2.5	Pass
					8.28	0.629	0.0008	-2.5 to 2.5	Pass
				-30	7.20	0.458	0.0005	-2.5 to 2.5	Pass
				-20	7.20	1.216	0.0015	-2.5 to 2.5	Pass
				-10	7.20	0.372	0.0004	-2.5 to 2.5	Pass
				0	7.20	1.087	0.0013	-2.5 to 2.5	Pass
				10	7.20	0.343	0.0004	-2.5 to 2.5	Pass
				30	7.20	2.046	0.0024	-2.5 to 2.5	Pass
				40	7.20	1.359	0.0016	-2.5 to 2.5	Pass
				50	7.20	1.717	0.0021	-2.5 to 2.5	Pass
	846.5	25	0	20	6.12	2.546	0.0030	-2.5 to 2.5	Pass
					7.20	1.187	0.0014	-2.5 to 2.5	Pass
					8.28	1.159	0.0014	-2.5 to 2.5	Pass
				-30	7.20	1.001	0.0012	-2.5 to 2.5	Pass
				-20	7.20	0.916	0.0011	-2.5 to 2.5	Pass
				-10	7.20	0.644	0.0008	-2.5 to 2.5	Pass
				0	7.20	0.658	0.0008	-2.5 to 2.5	Pass
				10	7.20	1.101	0.0013	-2.5 to 2.5	Pass
				30	7.20	0.916	0.0011	-2.5 to 2.5	Pass
				40	7.20	0.744	0.0009	-2.5 to 2.5	Pass
				50	7.20	1.044	0.0012	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	6.12	0.215	0.0003	-2.5 to 2.5	Pass
					7.20	1.001	0.0012	-2.5 to 2.5	Pass
					8.28	1.602	0.0019	-2.5 to 2.5	Pass
				-30	7.20	0.901	0.0011	-2.5 to 2.5	Pass
				-20	7.20	0.057	0.0001	-2.5 to 2.5	Pass
				-10	7.20	0.000	0.0000	-2.5 to 2.5	Pass
				0	7.20	0.057	0.0001	-2.5 to 2.5	Pass
				10	7.20	0.215	0.0003	-2.5 to 2.5	Pass
				30	7.20	0.472	0.0006	-2.5 to 2.5	Pass
				40	7.20	0.100	0.0001	-2.5 to 2.5	Pass
				50	7.20	0.029	0.0000	-2.5 to 2.5	Pass
	836.5	50	0	20	6.12	-0.501	-0.0006	-2.5 to 2.5	Pass
					7.20	-0.501	-0.0006	-2.5 to 2.5	Pass
					8.28	0.129	0.0002	-2.5 to 2.5	Pass
				-30	7.20	-1.259	-0.0015	-2.5 to 2.5	Pass
				-20	7.20	-0.658	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	0.000	0.0000	-2.5 to 2.5	Pass
				0	7.20	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-0.200	-0.0002	-2.5 to 2.5	Pass
				30	7.20	-0.057	-0.0001	-2.5 to 2.5	Pass
				40	7.20	-0.272	-0.0003	-2.5 to 2.5	Pass
				50	7.20	-0.529	-0.0006	-2.5 to 2.5	Pass
	844	50	0	20	6.12	-0.029	0.0000	-2.5 to 2.5	Pass
					7.20	0.629	0.0007	-2.5 to 2.5	Pass
					8.28	1.216	0.0014	-2.5 to 2.5	Pass
				-30	7.20	0.587	0.0007	-2.5 to 2.5	Pass
				-20	7.20	-0.944	-0.0011	-2.5 to 2.5	Pass
				-10	7.20	-0.014	0.0000	-2.5 to 2.5	Pass
				0	7.20	0.215	0.0003	-2.5 to 2.5	Pass
				10	7.20	0.529	0.0006	-2.5 to 2.5	Pass
				30	7.20	0.944	0.0011	-2.5 to 2.5	Pass
				40	7.20	0.887	0.0011	-2.5 to 2.5	Pass
				50	7.20	0.958	0.0011	-2.5 to 2.5	Pass
16QAM	829	50	0	20	6.12	0.415	0.0005	-2.5 to 2.5	Pass
					7.20	0.043	0.0001	-2.5 to 2.5	Pass
					8.28	-0.043	-0.0001	-2.5 to 2.5	Pass
				-30	7.20	1.259	0.0015	-2.5 to 2.5	Pass
				-20	7.20	0.043	0.0001	-2.5 to 2.5	Pass
				-10	7.20	1.059	0.0013	-2.5 to 2.5	Pass
				0	7.20	0.072	0.0001	-2.5 to 2.5	Pass
				10	7.20	0.200	0.0002	-2.5 to 2.5	Pass
				30	7.20	0.415	0.0005	-2.5 to 2.5	Pass
				40	7.20	0.701	0.0008	-2.5 to 2.5	Pass
				50	7.20	-0.172	-0.0002	-2.5 to 2.5	Pass
	836.5	50	0	20	6.12	-0.930	-0.0011	-2.5 to 2.5	Pass
					7.20	-0.815	-0.0010	-2.5 to 2.5	Pass
					8.28	-0.129	-0.0002	-2.5 to 2.5	Pass
				-30	7.20	-1.016	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				-10	7.20	-0.615	-0.0007	-2.5 to 2.5	Pass

				0	7.20	-1.173	-0.0014	-2.5 to 2.5	Pass
				10	7.20	-1.087	-0.0013	-2.5 to 2.5	Pass
				30	7.20	-0.072	-0.0001	-2.5 to 2.5	Pass
				40	7.20	-0.987	-0.0012	-2.5 to 2.5	Pass
				50	7.20	-0.544	-0.0007	-2.5 to 2.5	Pass
	844	50	0	20	6.12	0.029	0.0000	-2.5 to 2.5	Pass
					7.20	0.830	0.0010	-2.5 to 2.5	Pass
					8.28	0.114	0.0001	-2.5 to 2.5	Pass
				-30	7.20	0.272	0.0003	-2.5 to 2.5	Pass
				-20	7.20	-0.329	-0.0004	-2.5 to 2.5	Pass
				-10	7.20	0.272	0.0003	-2.5 to 2.5	Pass
				0	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				10	7.20	0.615	0.0007	-2.5 to 2.5	Pass
				30	7.20	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	7.20	0.329	0.0004	-2.5 to 2.5	Pass
				50	7.20	-0.472	-0.0006	-2.5 to 2.5	Pass
64QAM	829	50	0	20	6.12	0.286	0.0003	-2.5 to 2.5	Pass
					7.20	0.029	0.0000	-2.5 to 2.5	Pass
					8.28	-0.086	-0.0001	-2.5 to 2.5	Pass
				-30	7.20	0.229	0.0003	-2.5 to 2.5	Pass
				-20	7.20	-0.257	-0.0003	-2.5 to 2.5	Pass
				-10	7.20	1.044	0.0013	-2.5 to 2.5	Pass
				0	7.20	-0.086	-0.0001	-2.5 to 2.5	Pass
				10	7.20	0.415	0.0005	-2.5 to 2.5	Pass
				30	7.20	0.129	0.0002	-2.5 to 2.5	Pass
				40	7.20	0.100	0.0001	-2.5 to 2.5	Pass
				50	7.20	0.243	0.0003	-2.5 to 2.5	Pass
	836.5	50	0	20	6.12	-1.030	-0.0012	-2.5 to 2.5	Pass
					7.20	-0.372	-0.0004	-2.5 to 2.5	Pass
					8.28	-0.758	-0.0009	-2.5 to 2.5	Pass
				-30	7.20	0.215	0.0003	-2.5 to 2.5	Pass
				-20	7.20	-0.701	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	-0.315	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.386	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-1.101	-0.0013	-2.5 to 2.5	Pass
				30	7.20	-0.830	-0.0010	-2.5 to 2.5	Pass
				40	7.20	-0.472	-0.0006	-2.5 to 2.5	Pass
				50	7.20	-0.887	-0.0011	-2.5 to 2.5	Pass
	844	50	0	20	6.12	-0.286	-0.0003	-2.5 to 2.5	Pass
					7.20	0.072	0.0001	-2.5 to 2.5	Pass
					8.28	-1.388	-0.0016	-2.5 to 2.5	Pass
				-30	7.20	-1.159	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	-0.372	-0.0004	-2.5 to 2.5	Pass
				-10	7.20	-0.386	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-0.544	-0.0006	-2.5 to 2.5	Pass
				10	7.20	-0.501	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-1.588	-0.0019	-2.5 to 2.5	Pass
				40	7.20	0.043	0.0001	-2.5 to 2.5	Pass
				50	7.20	-0.272	-0.0003	-2.5 to 2.5	Pass

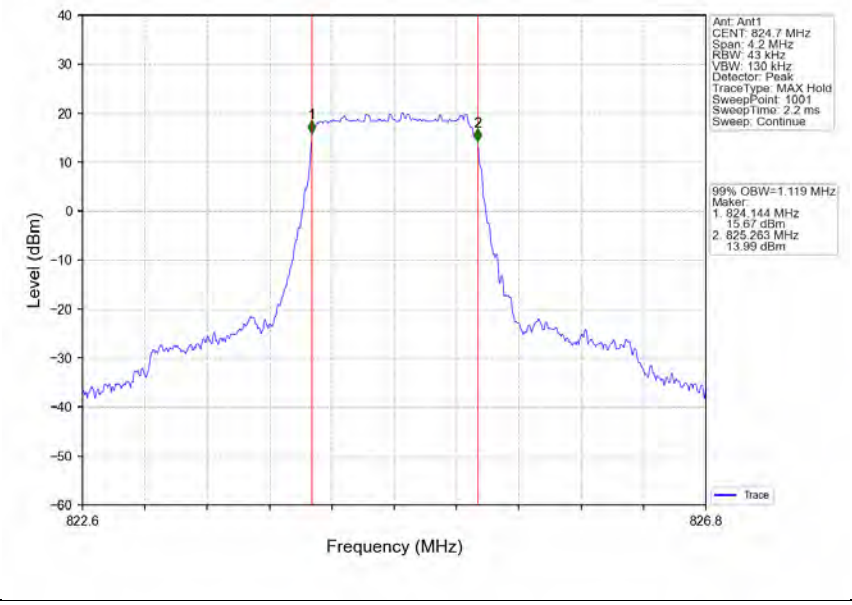
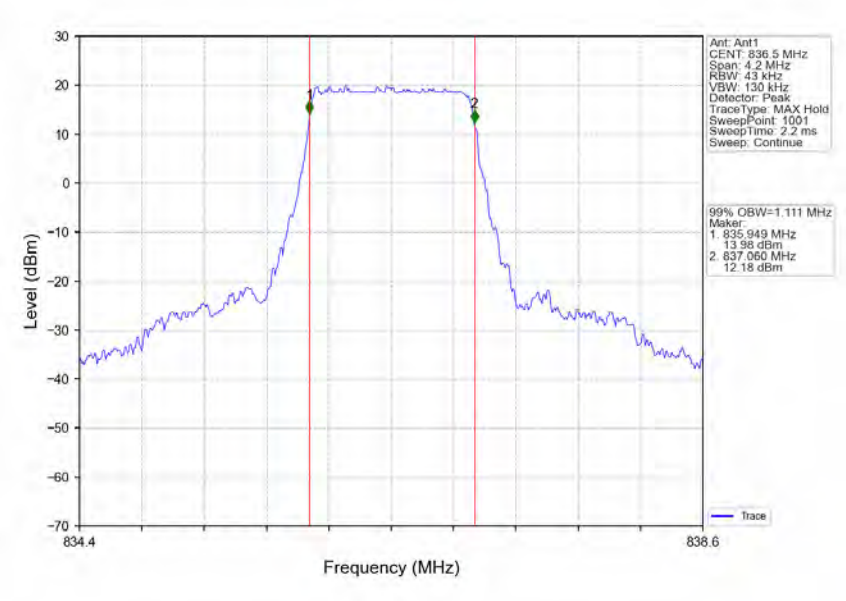
3. 99% & 26dB Bandwidth

3.1 Band5_OBW

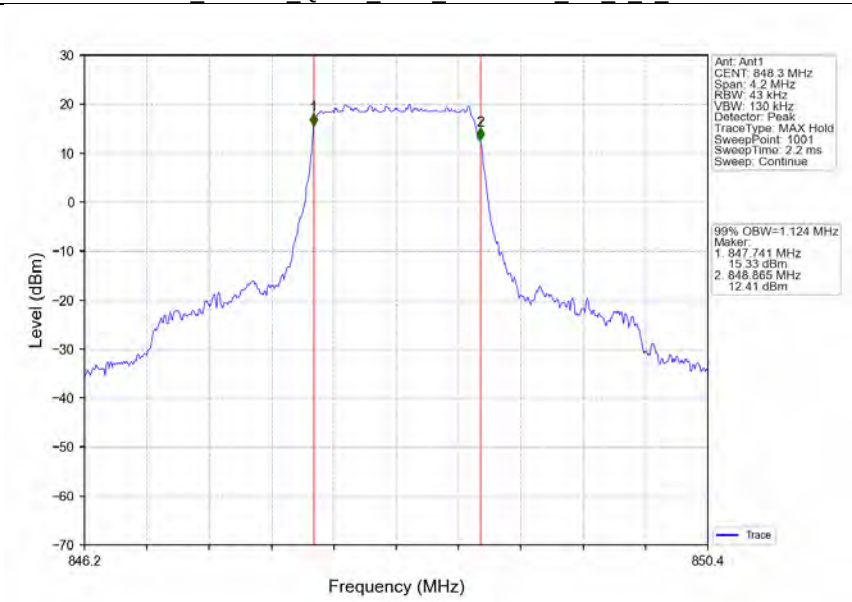
3.1.1 Test Result

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	1.119	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.124	/	Pass
	16QAM	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.109	/	Pass
	64QAM	824.7	6	0	1.106	/	Pass
		836.5	6	0	1.118	/	Pass
		848.3	6	0	1.111	/	Pass
3	QPSK	825.5	15	0	2.730	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.739	/	Pass
	16QAM	825.5	15	0	2.738	/	Pass
		836.5	15	0	2.734	/	Pass
		847.5	15	0	2.734	/	Pass
	64QAM	825.5	15	0	2.746	/	Pass
		836.5	15	0	2.724	/	Pass
		847.5	15	0	2.731	/	Pass
5	QPSK	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.526	/	Pass
		846.5	25	0	4.538	/	Pass
	16QAM	826.5	25	0	4.524	/	Pass
		836.5	25	0	4.550	/	Pass
		846.5	25	0	4.547	/	Pass
	64QAM	826.5	25	0	4.530	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.538	/	Pass
10	QPSK	829	50	0	9.029	/	Pass
		836.5	50	0	9.028	/	Pass
		844	50	0	9.036	/	Pass
	16QAM	829	50	0	9.047	/	Pass
		836.5	50	0	9.022	/	Pass
		844	50	0	9.018	/	Pass
	64QAM	829	50	0	9.000	/	Pass
		836.5	50	0	9.020	/	Pass
		844	50	0	9.037	/	Pass

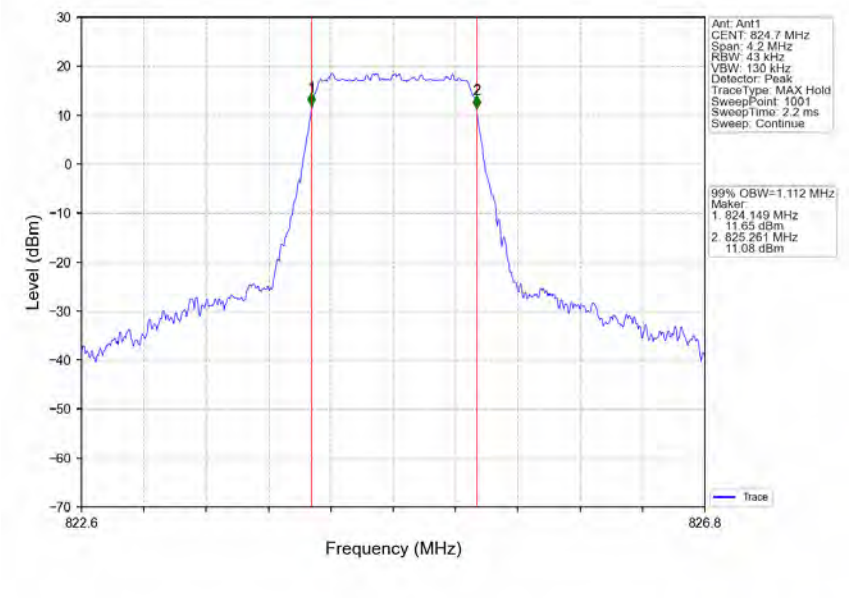
3.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


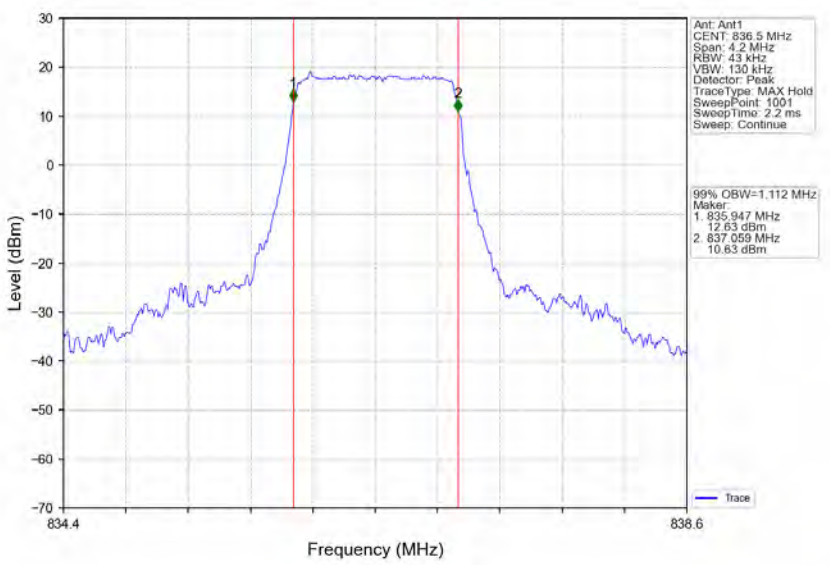
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



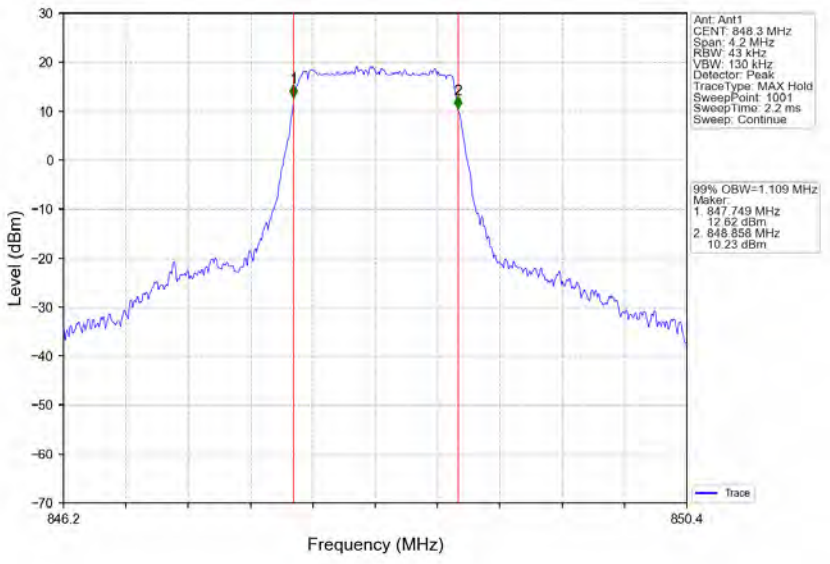
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



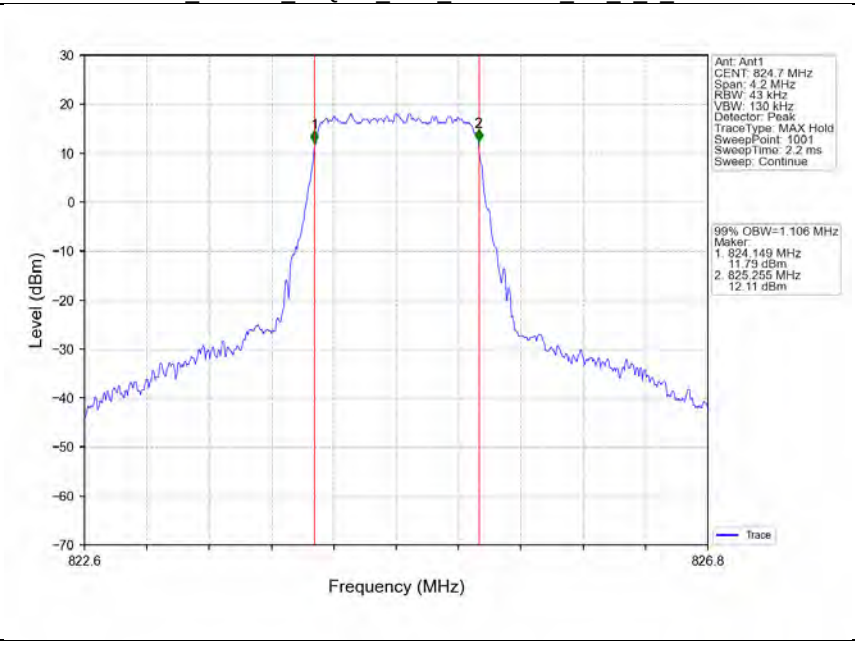
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



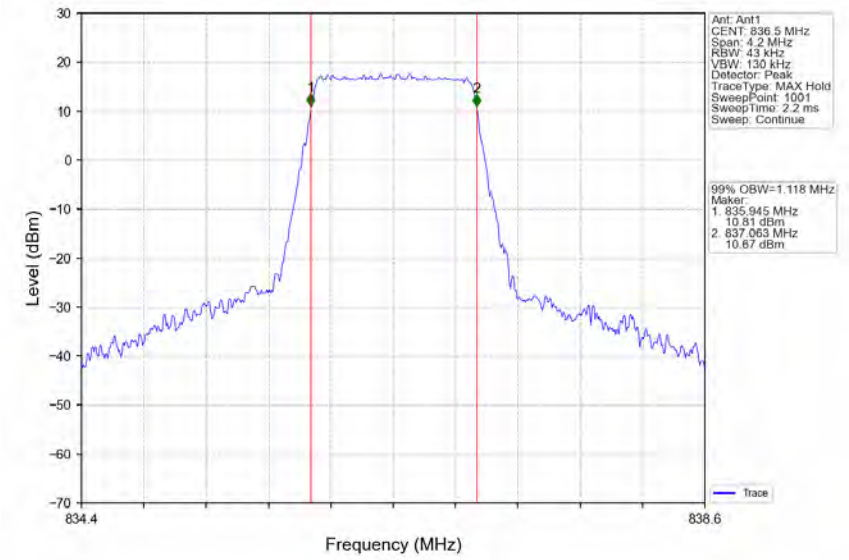
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



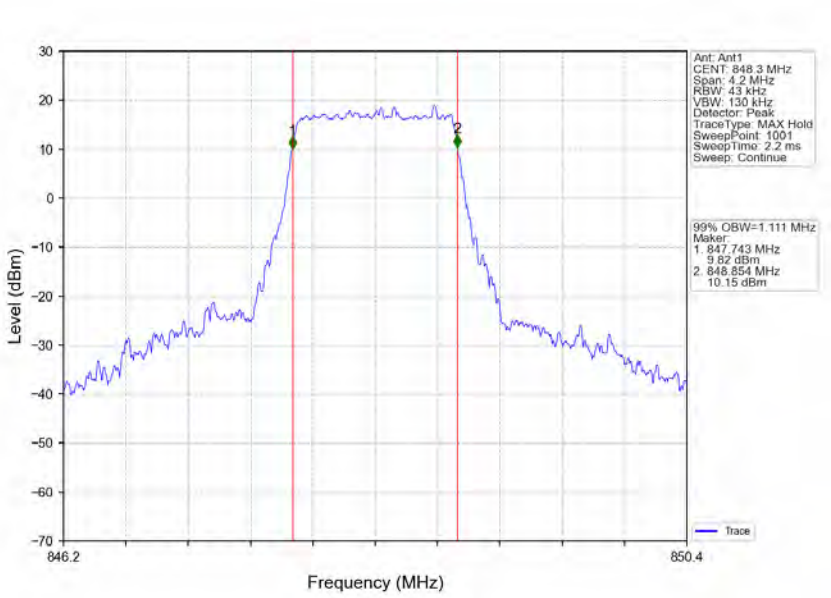
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



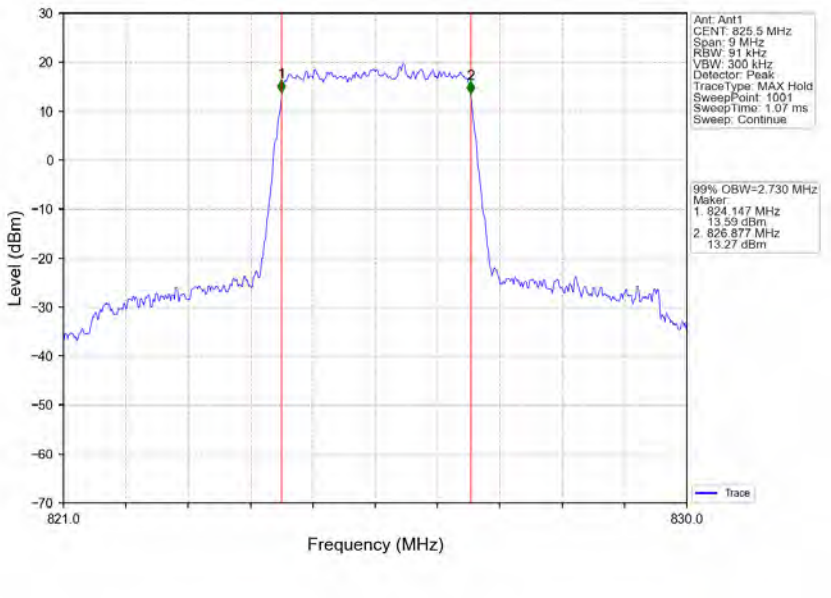
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



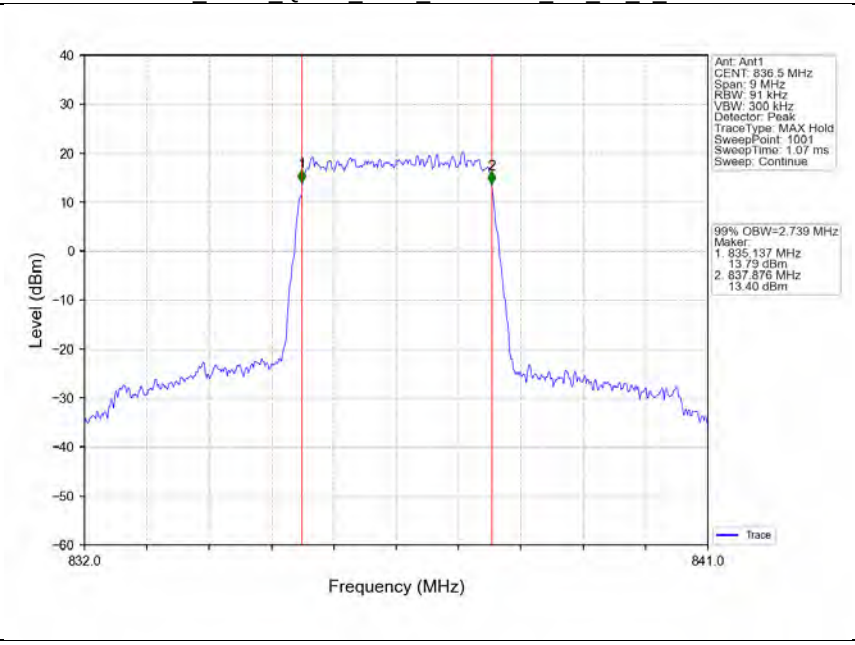
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



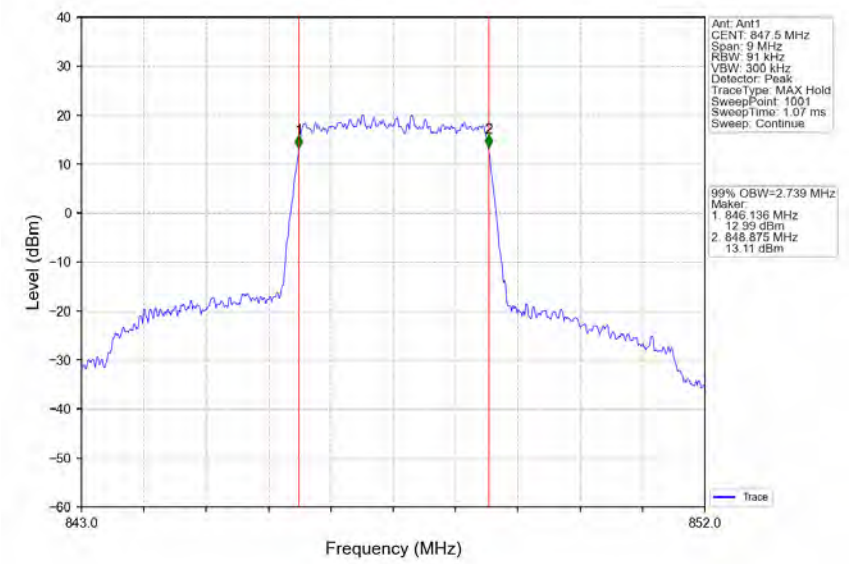
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



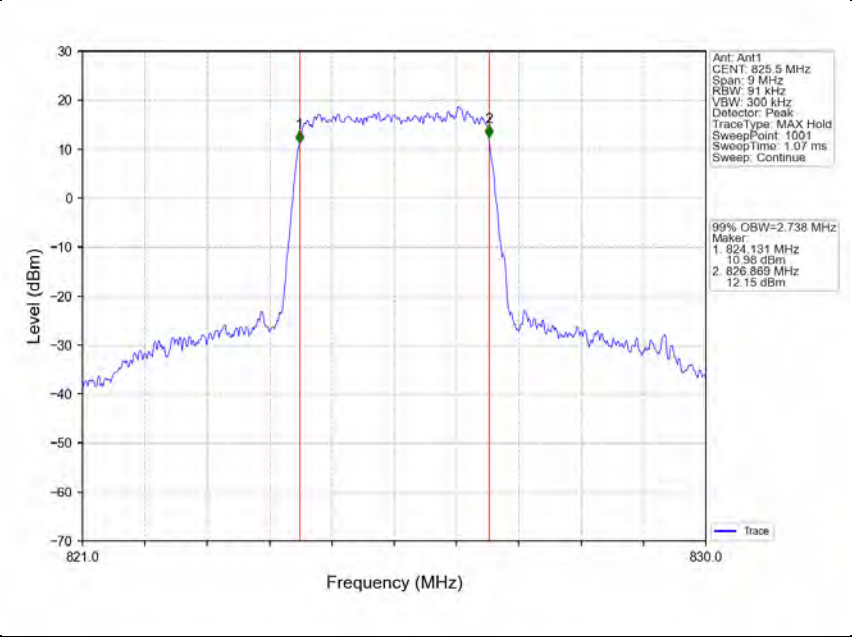
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



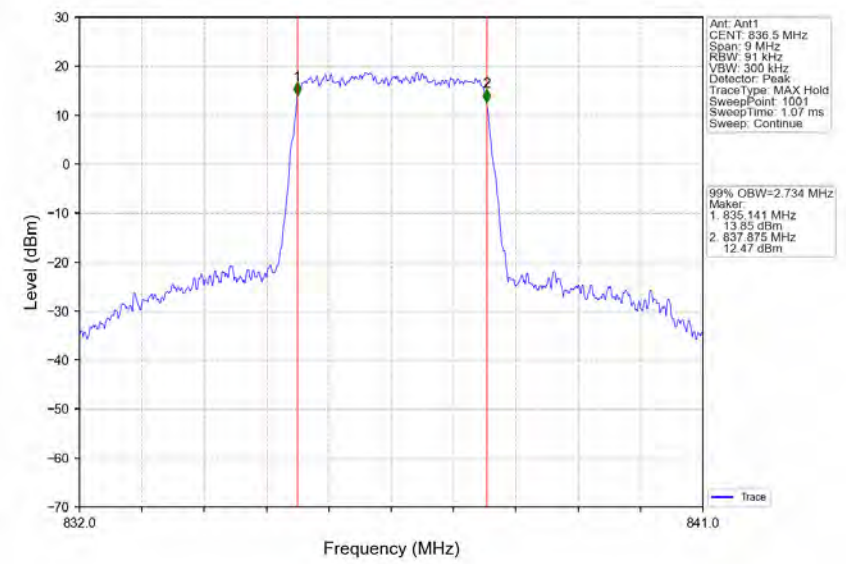
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



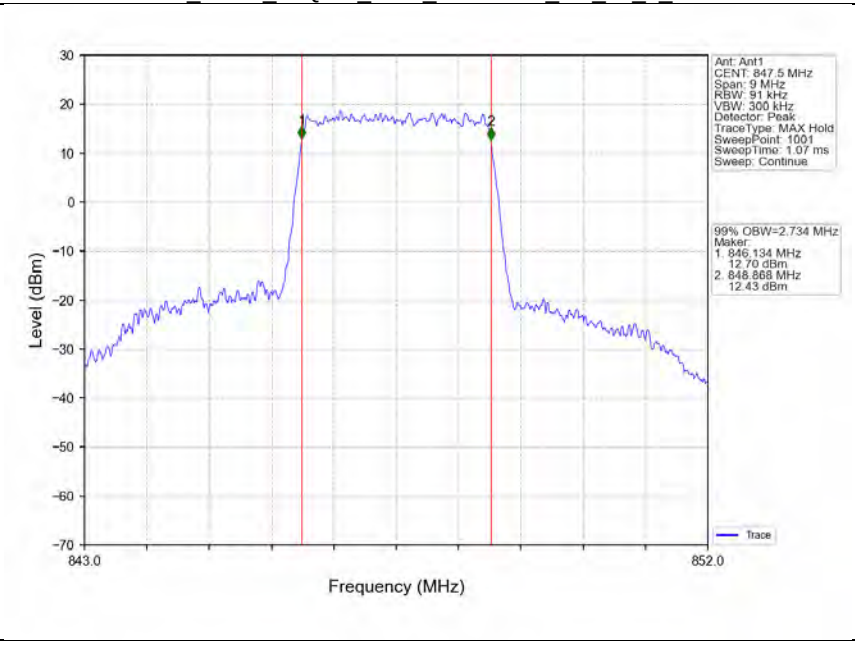
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



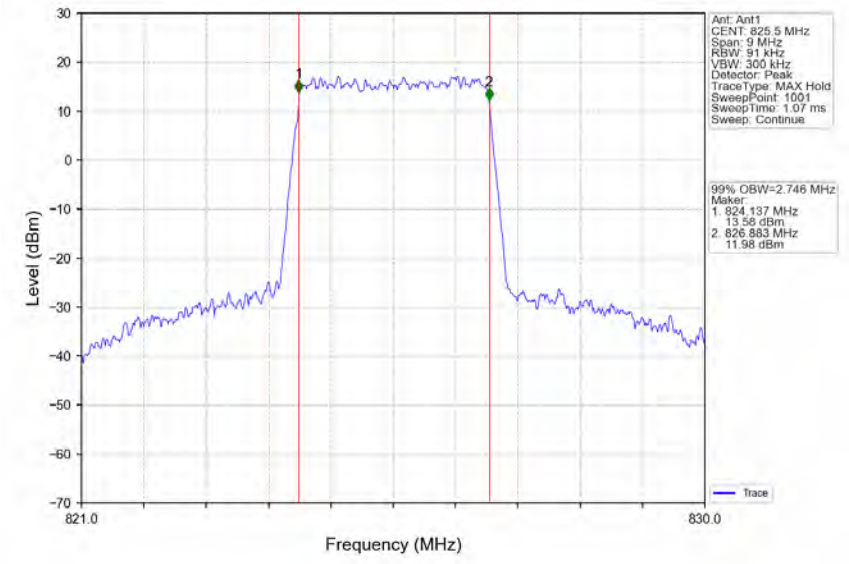
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



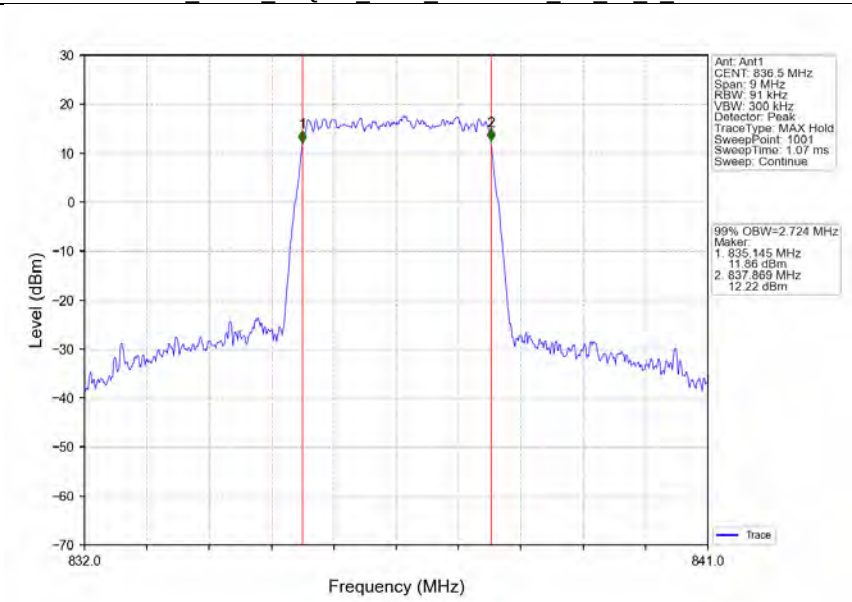
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



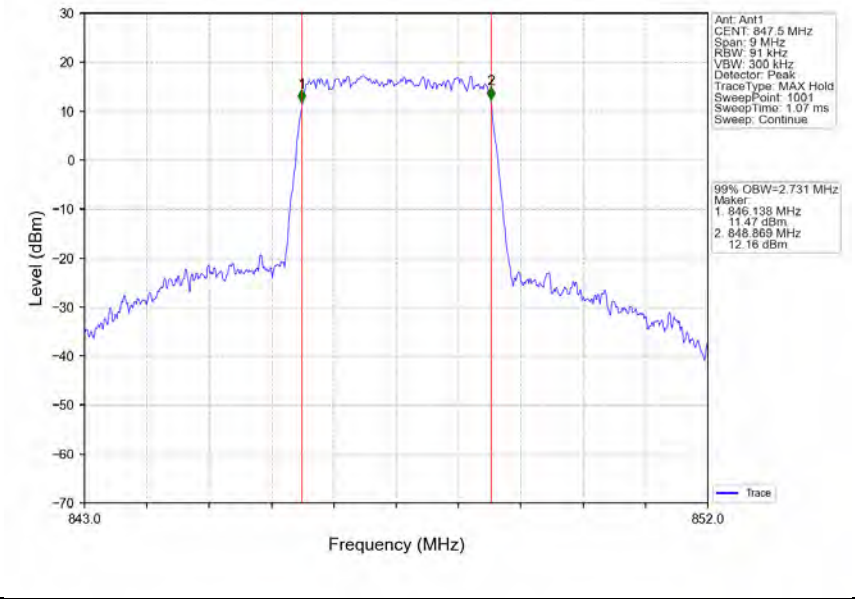
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



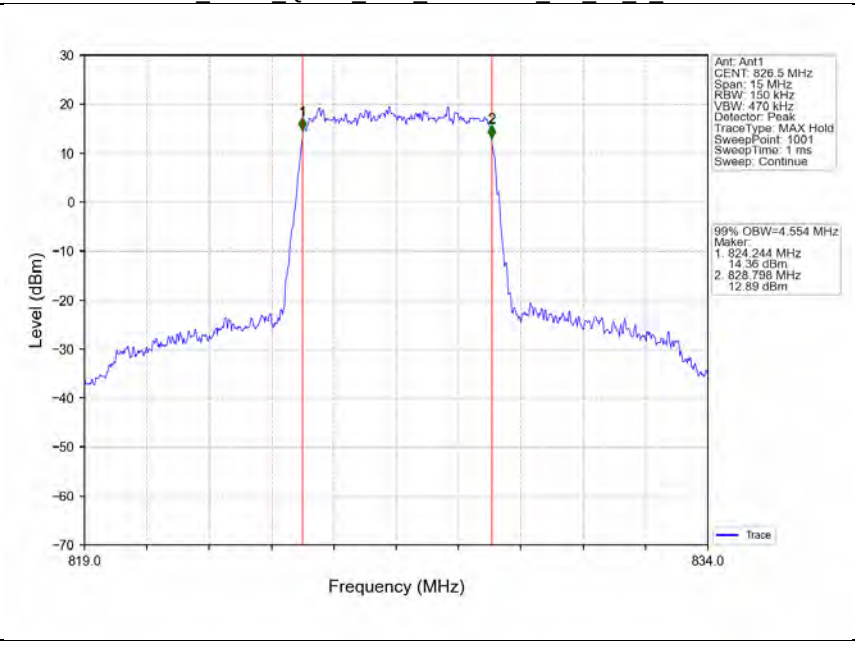
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



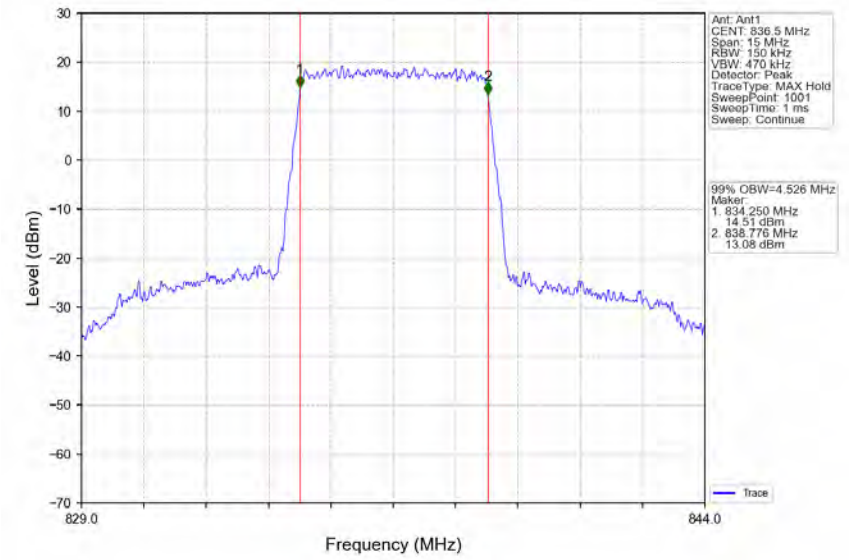
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



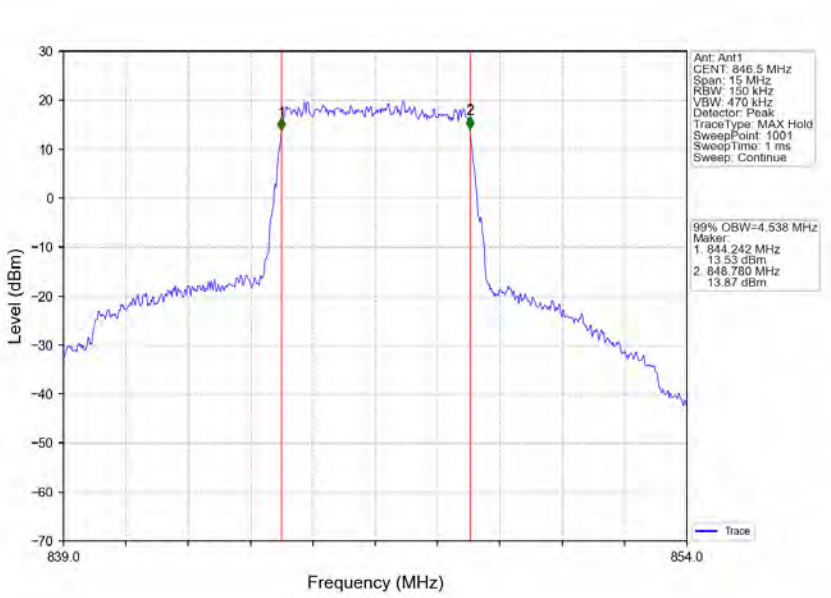
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



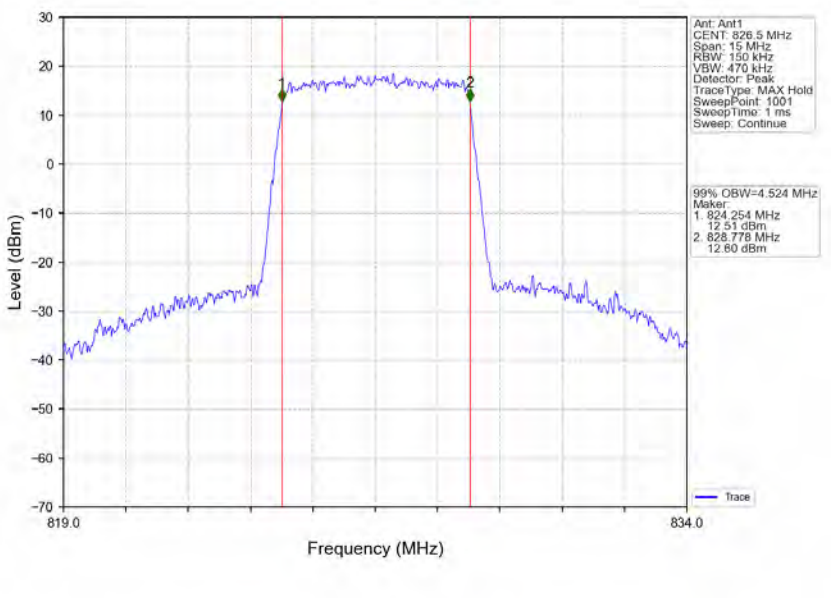
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



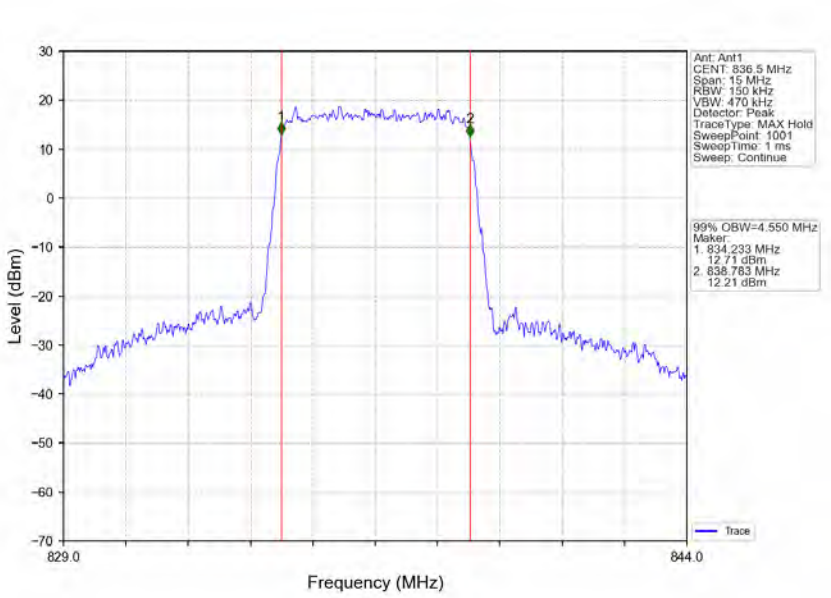
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



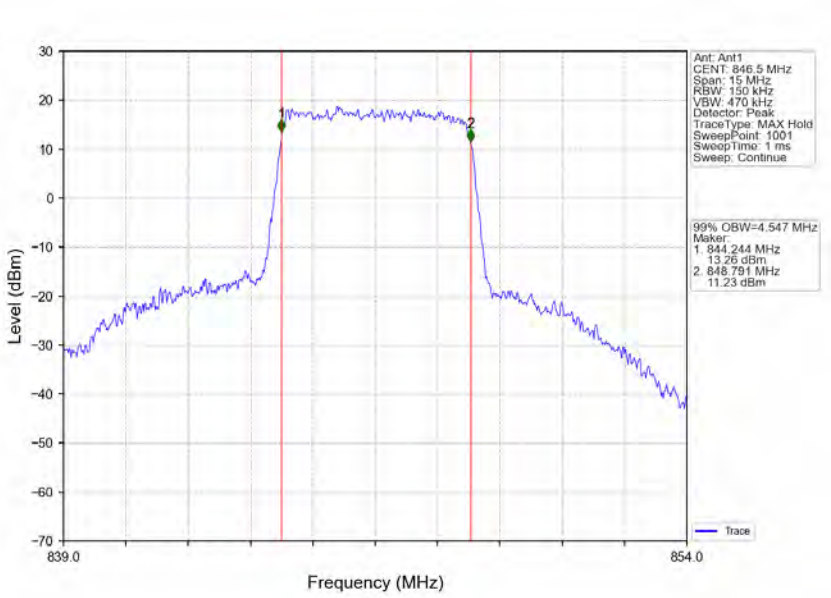
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



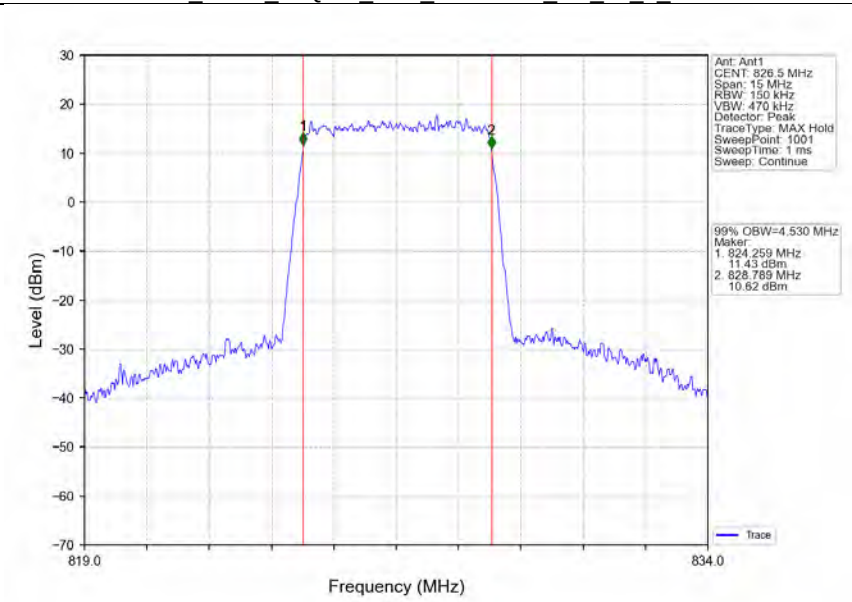
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



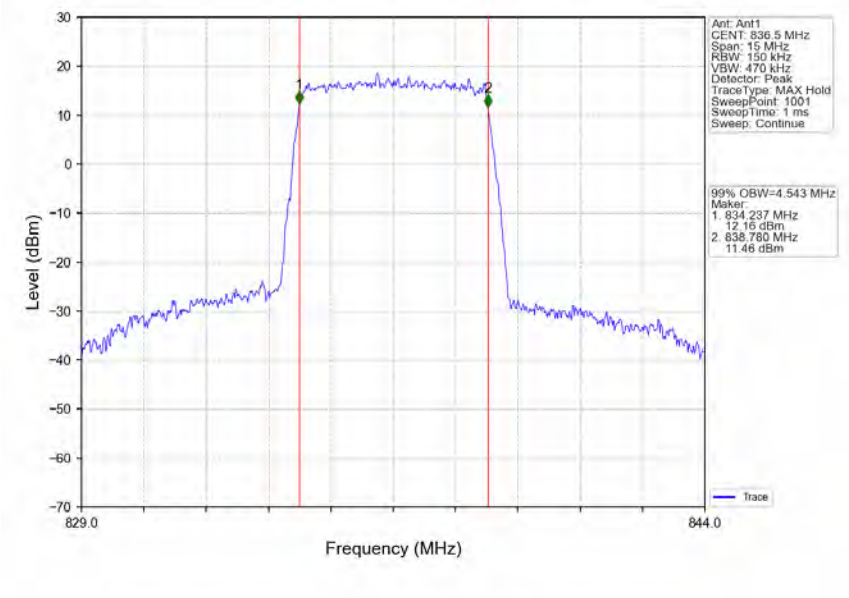
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



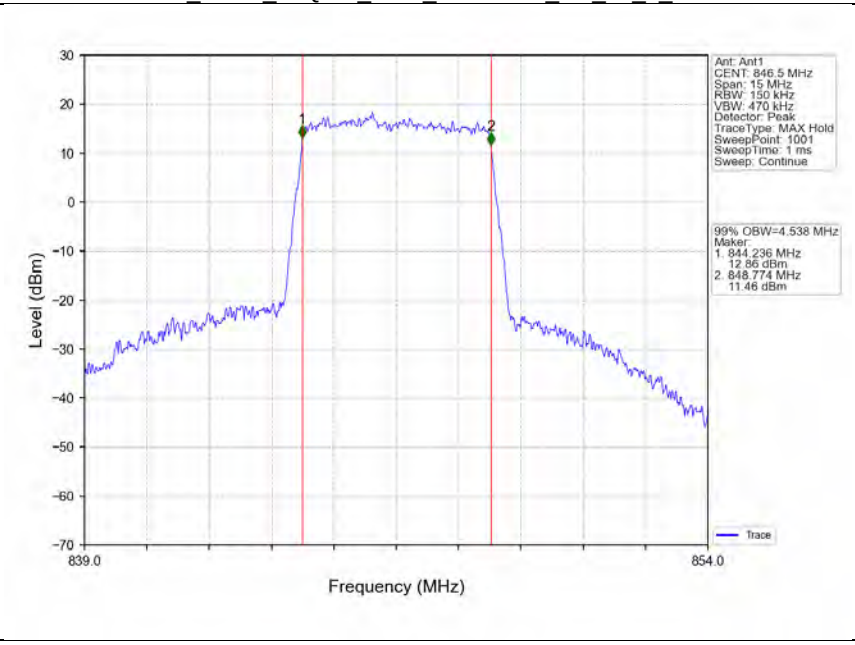
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



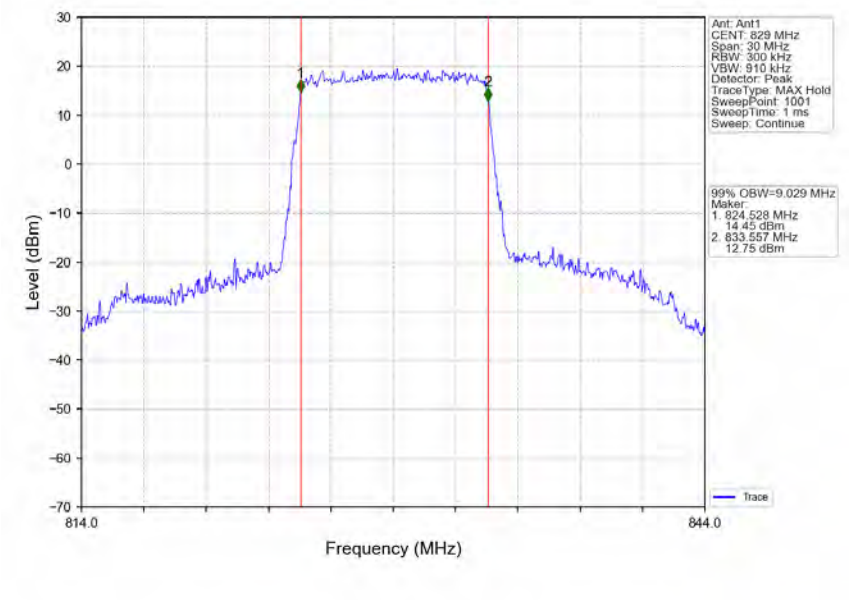
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



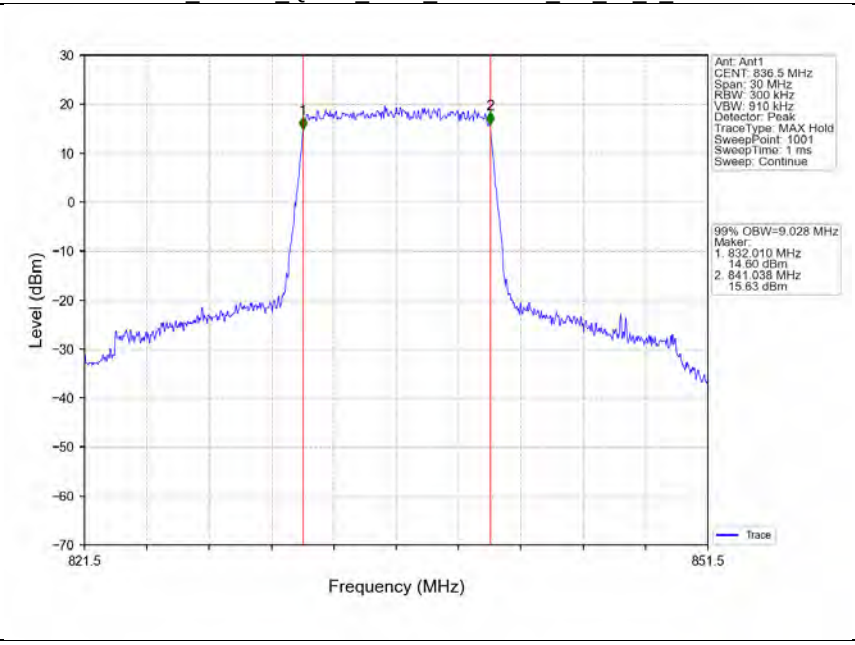
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



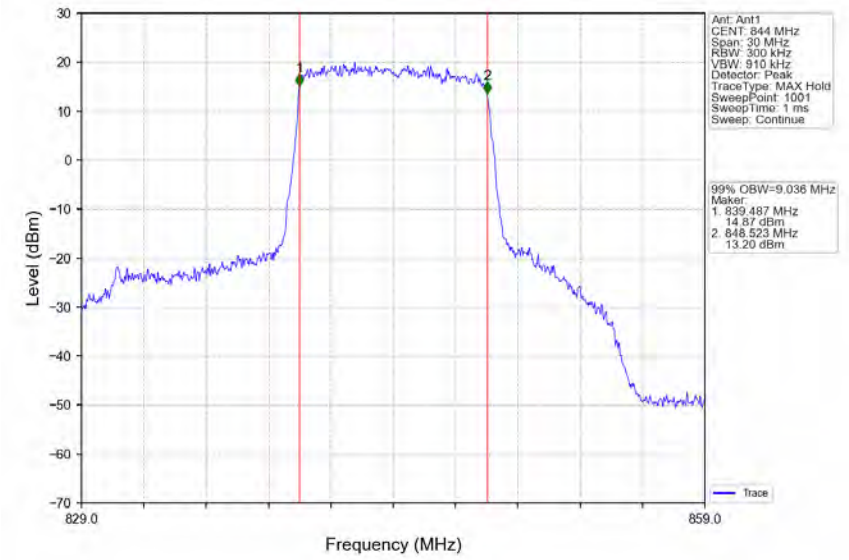
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

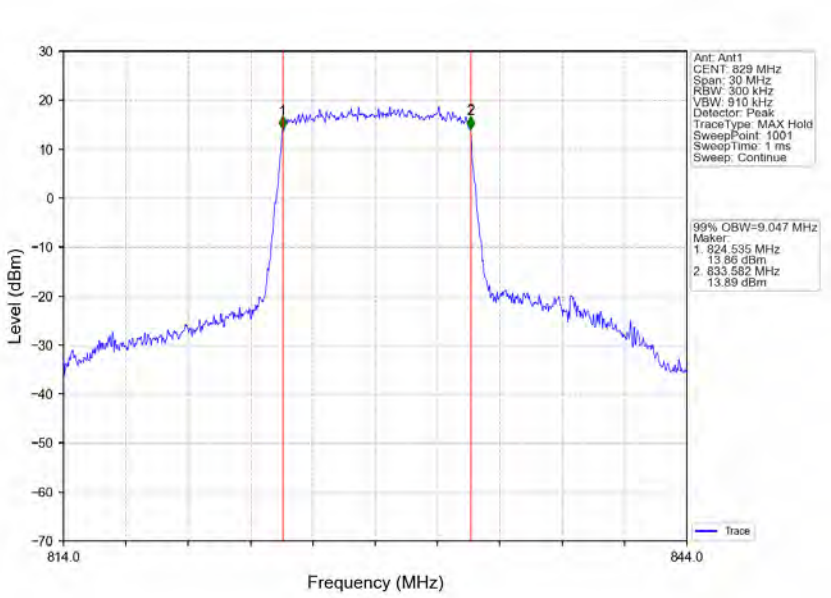
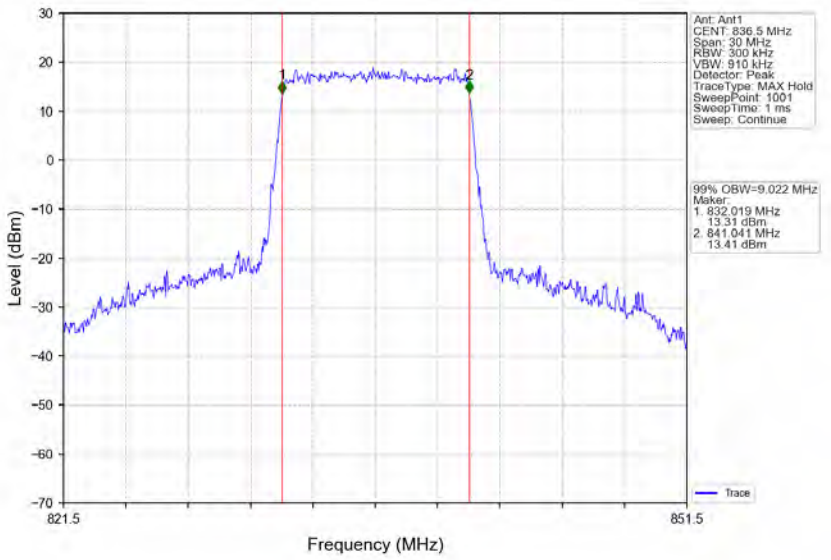


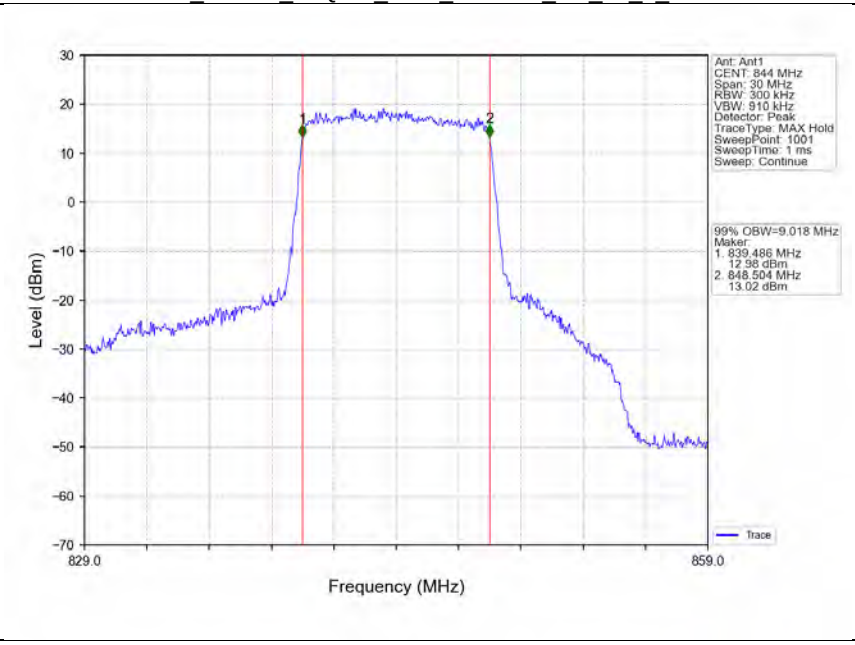
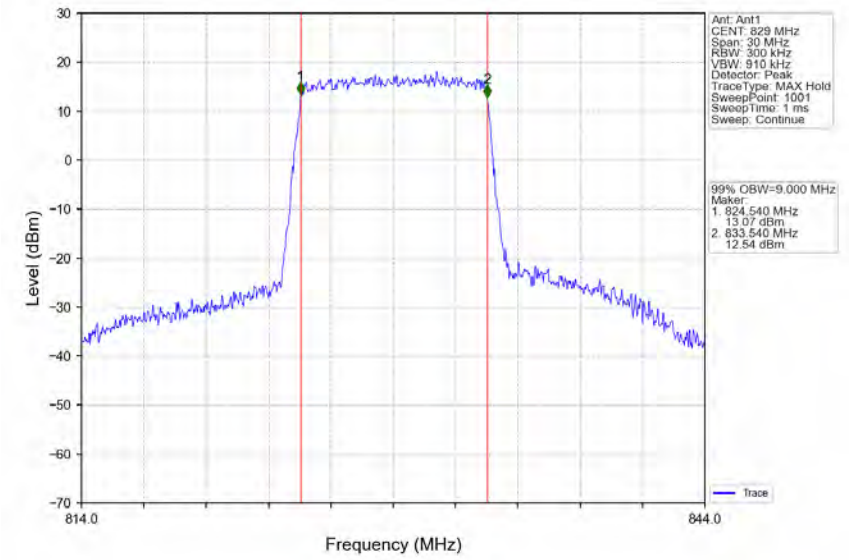
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



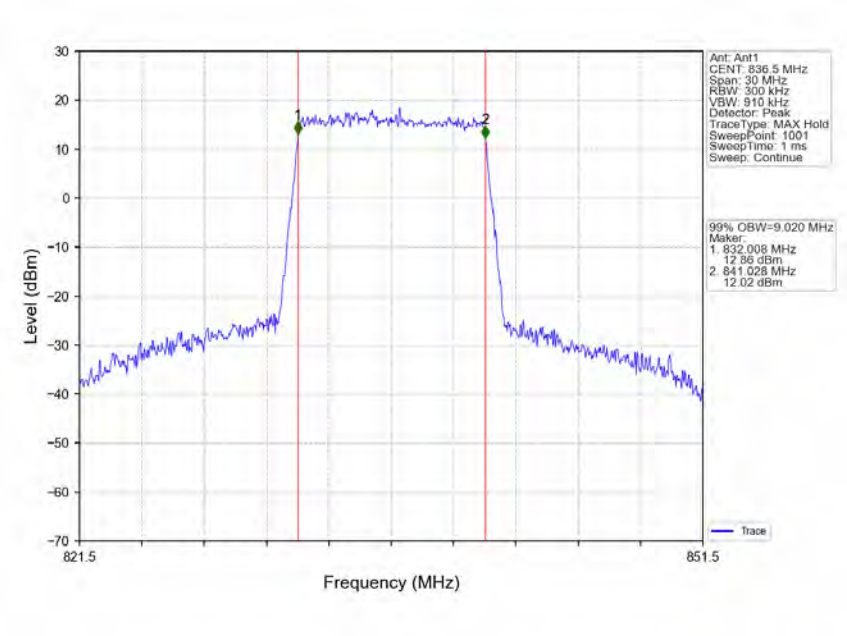
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



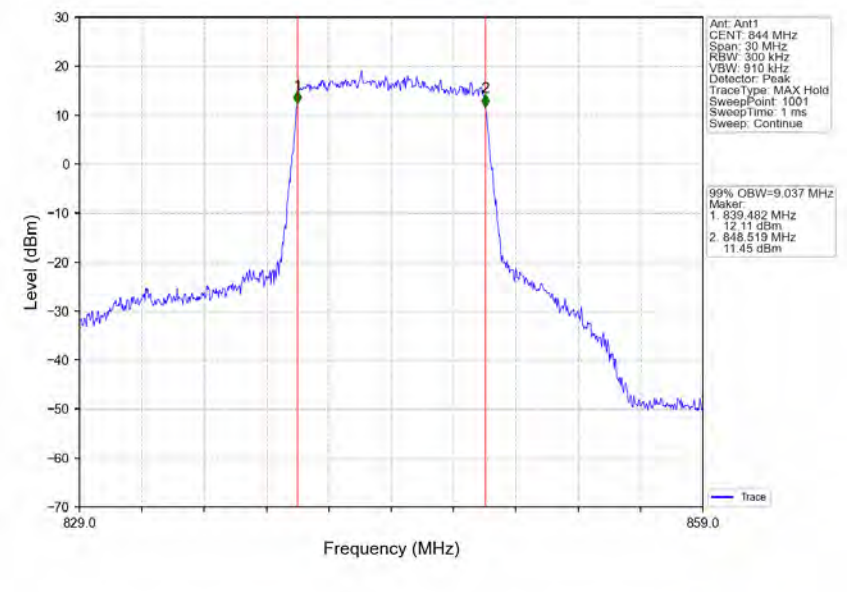
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV


Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV

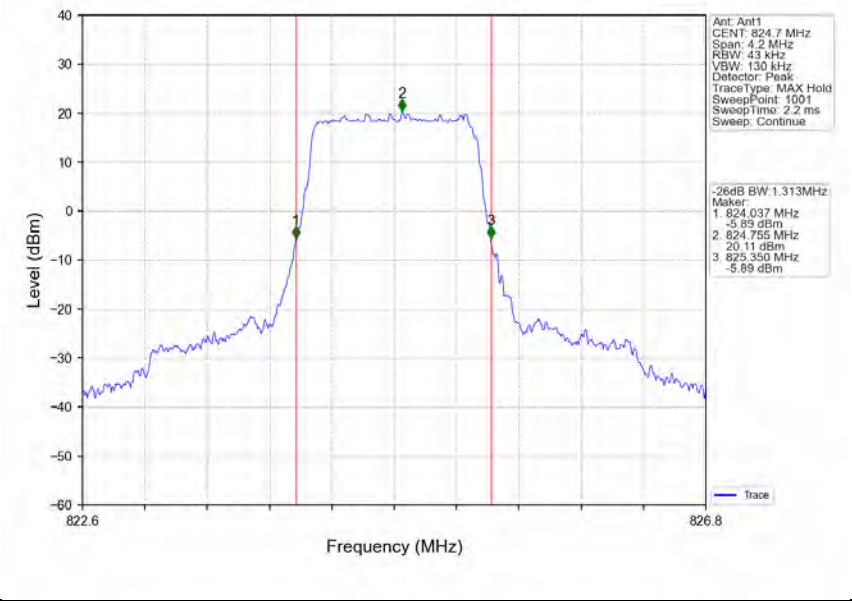
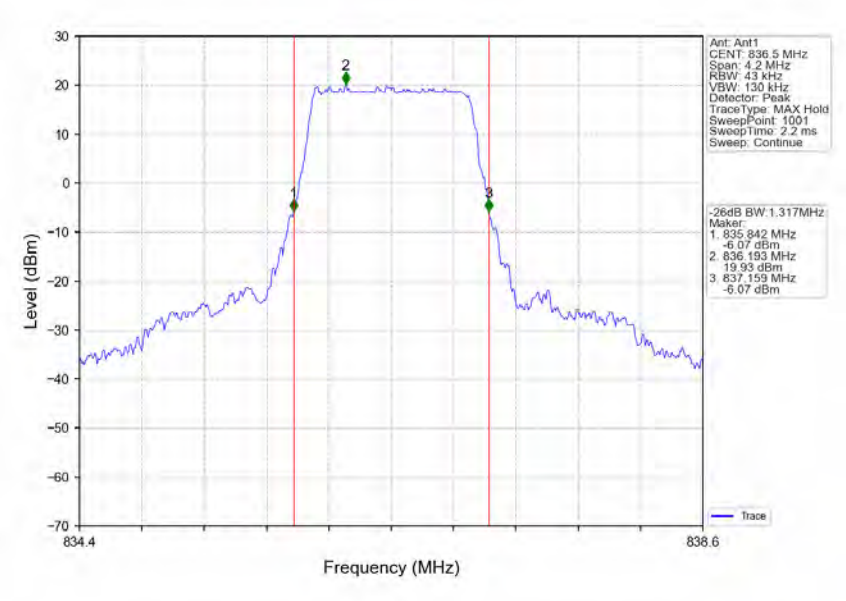


4 Band5_XDB

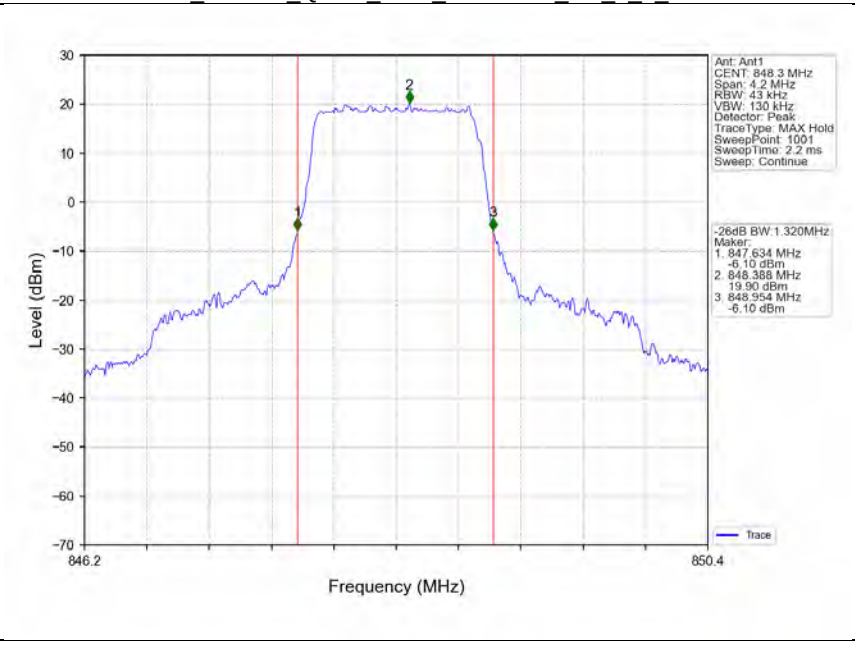
4.1.1 Test Result

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	1.313	/	Pass
		836.5	6	0	1.317	/	Pass
		848.3	6	0	1.320	/	Pass
	16QAM	824.7	6	0	1.347	/	Pass
		836.5	6	0	1.316	/	Pass
		848.3	6	0	1.308	/	Pass
	64QAM	824.7	6	0	1.315	/	Pass
		836.5	6	0	1.339	/	Pass
		848.3	6	0	1.312	/	Pass
3	QPSK	825.5	15	0	3.040	/	Pass
		836.5	15	0	3.054	/	Pass
		847.5	15	0	3.063	/	Pass
	16QAM	825.5	15	0	3.025	/	Pass
		836.5	15	0	3.055	/	Pass
		847.5	15	0	3.069	/	Pass
	64QAM	825.5	15	0	3.056	/	Pass
		836.5	15	0	3.059	/	Pass
		847.5	15	0	3.060	/	Pass
5	QPSK	826.5	25	0	5.067	/	Pass
		836.5	25	0	5.079	/	Pass
		846.5	25	0	5.109	/	Pass
	16QAM	826.5	25	0	5.073	/	Pass
		836.5	25	0	5.086	/	Pass
		846.5	25	0	5.093	/	Pass
	64QAM	826.5	25	0	5.054	/	Pass
		836.5	25	0	5.067	/	Pass
		846.5	25	0	5.058	/	Pass
10	QPSK	829	50	0	10.071	/	Pass
		836.5	50	0	10.051	/	Pass
		844	50	0	9.960	/	Pass
	16QAM	829	50	0	9.978	/	Pass
		836.5	50	0	10.089	/	Pass
		844	50	0	9.980	/	Pass
	64QAM	829	50	0	9.930	/	Pass
		836.5	50	0	10.036	/	Pass
		844	50	0	9.960	/	Pass

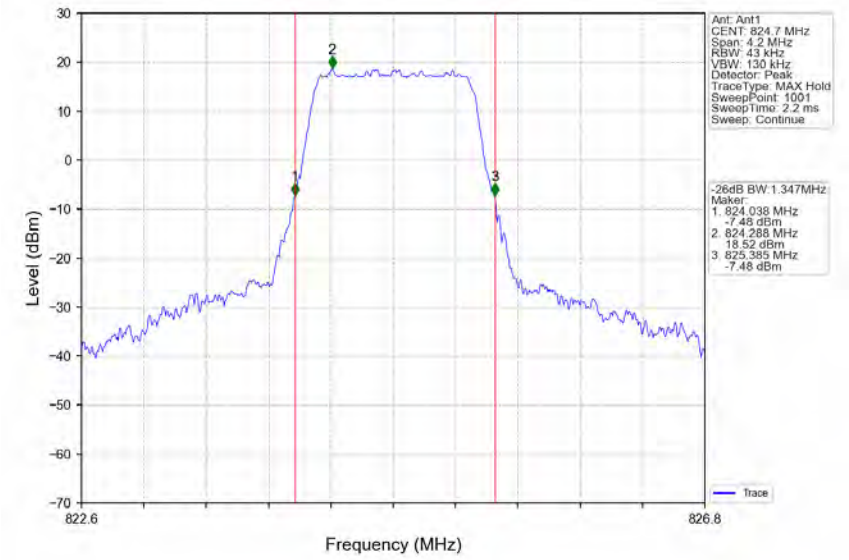
4.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


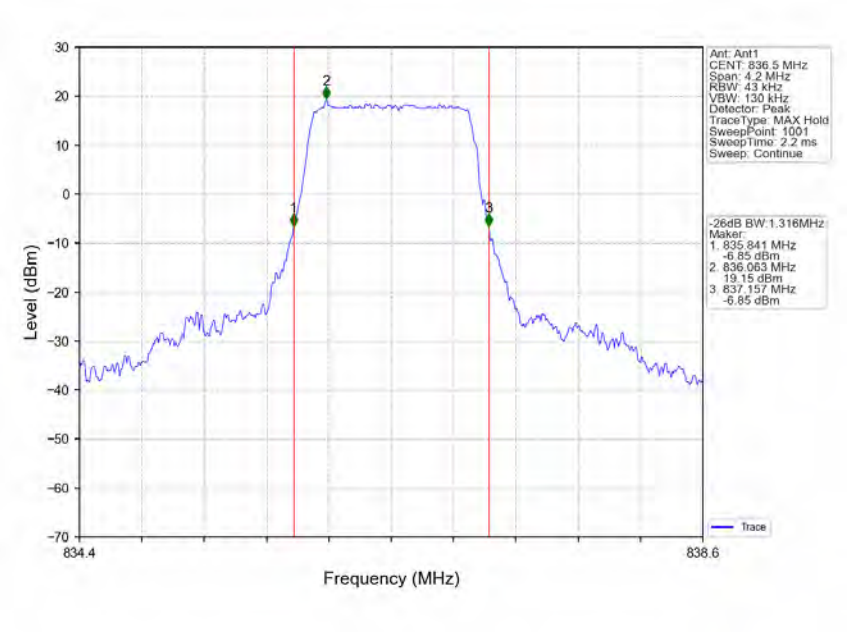
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



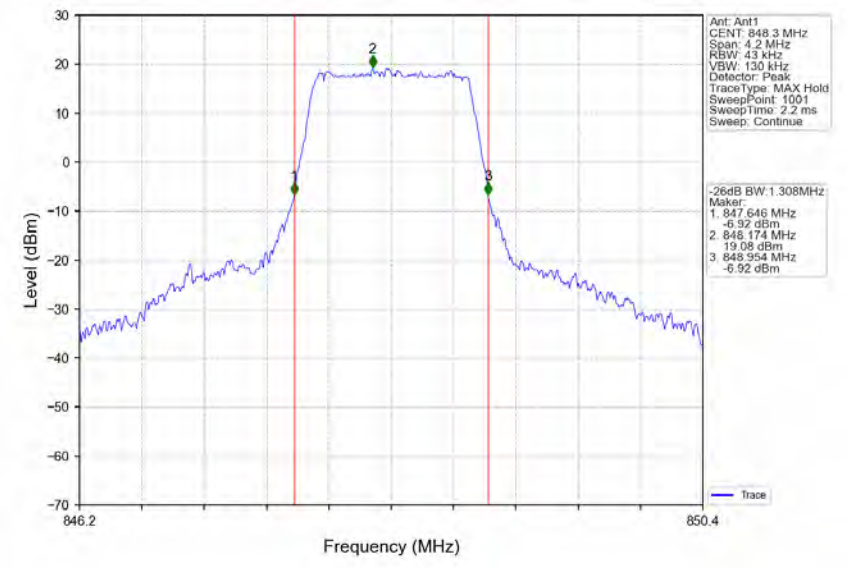
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



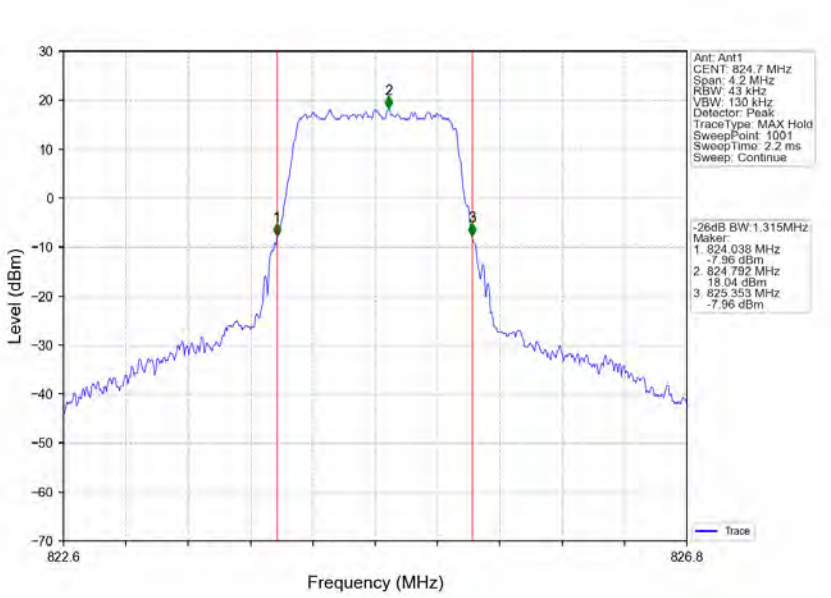
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



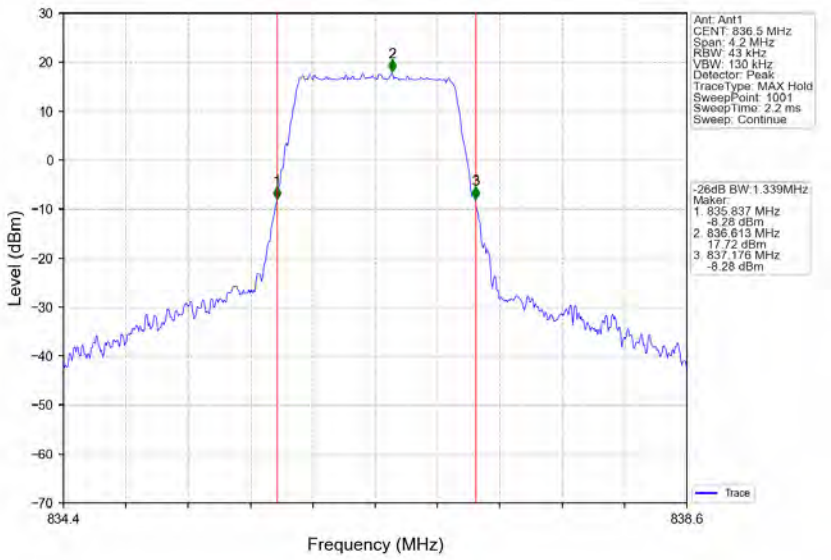
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



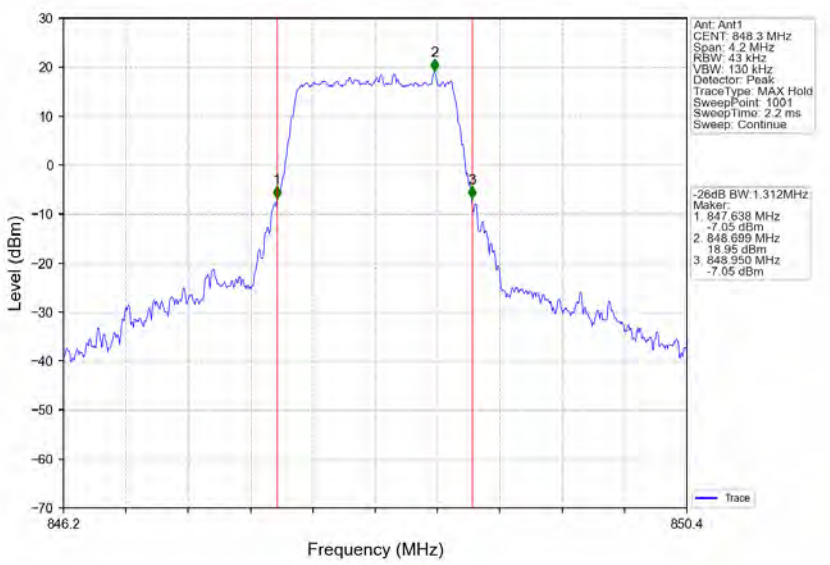
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



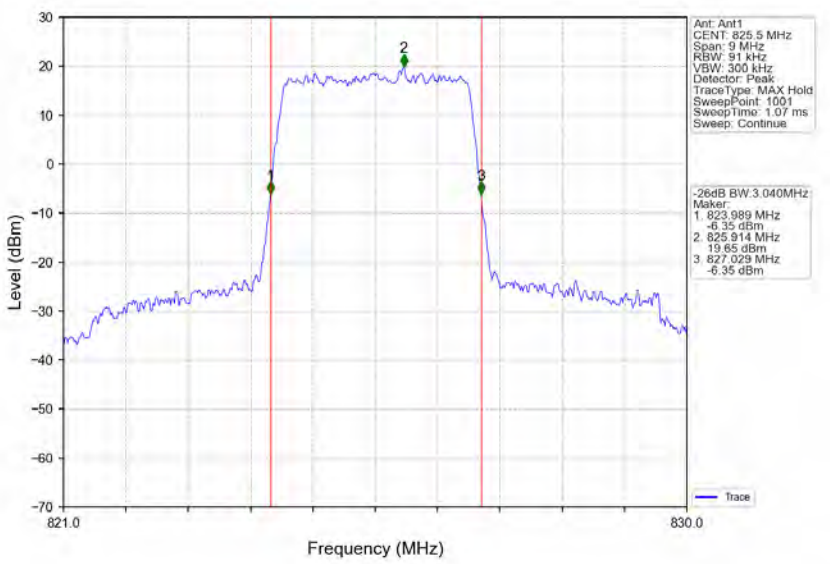
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



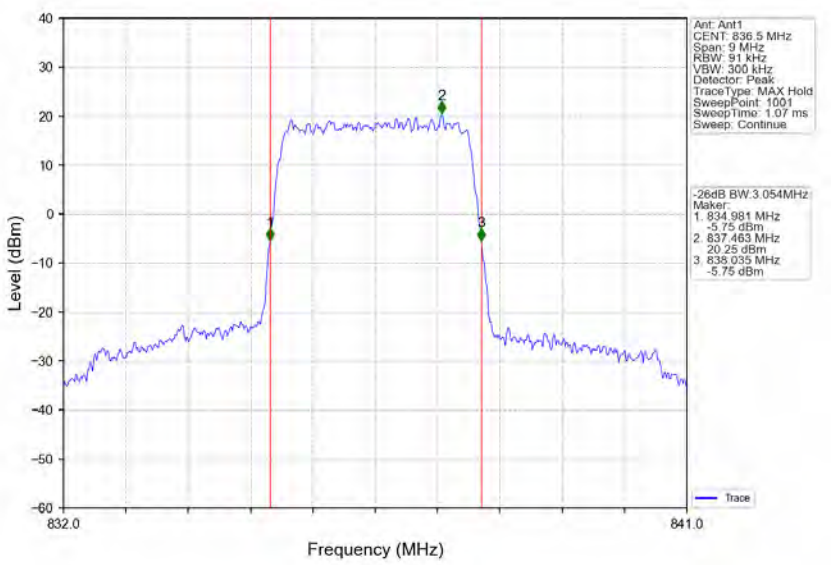
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



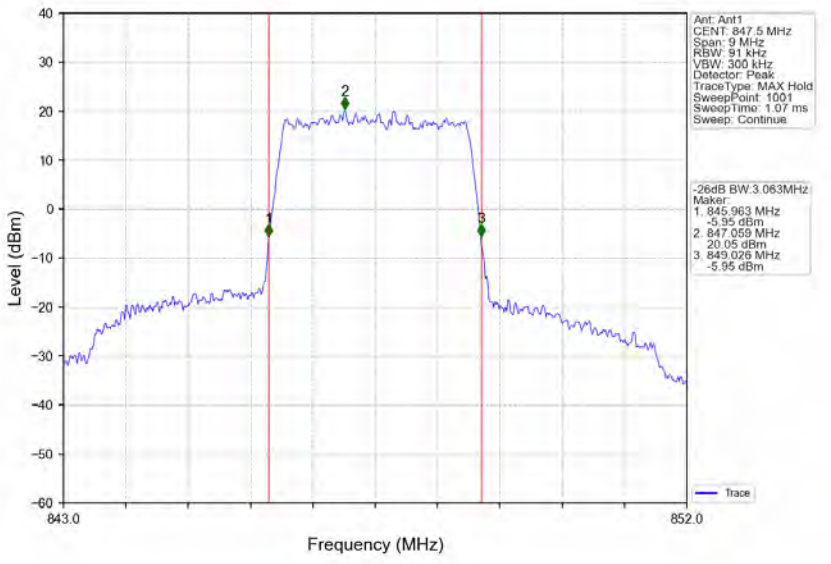
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



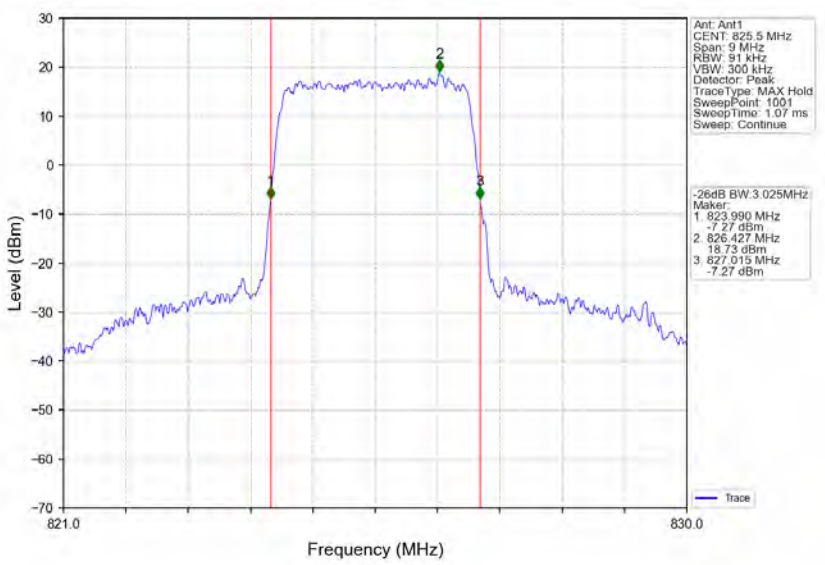
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



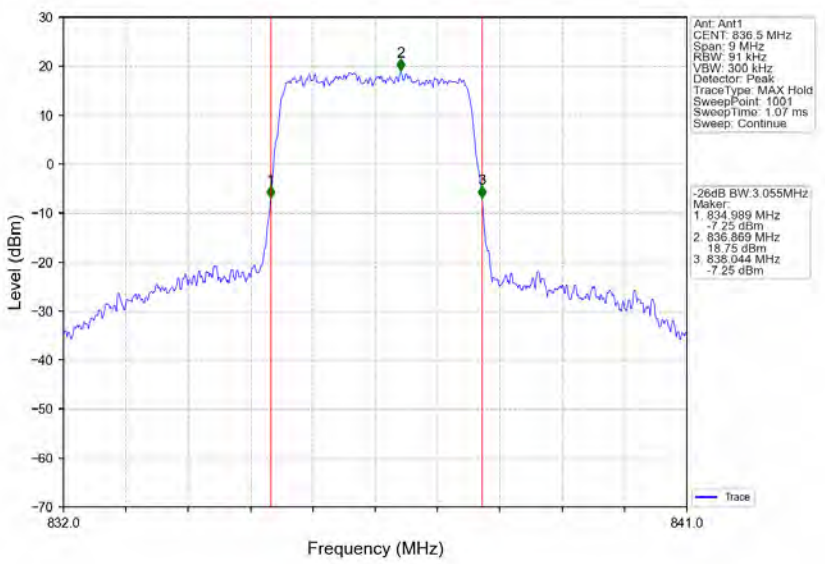
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



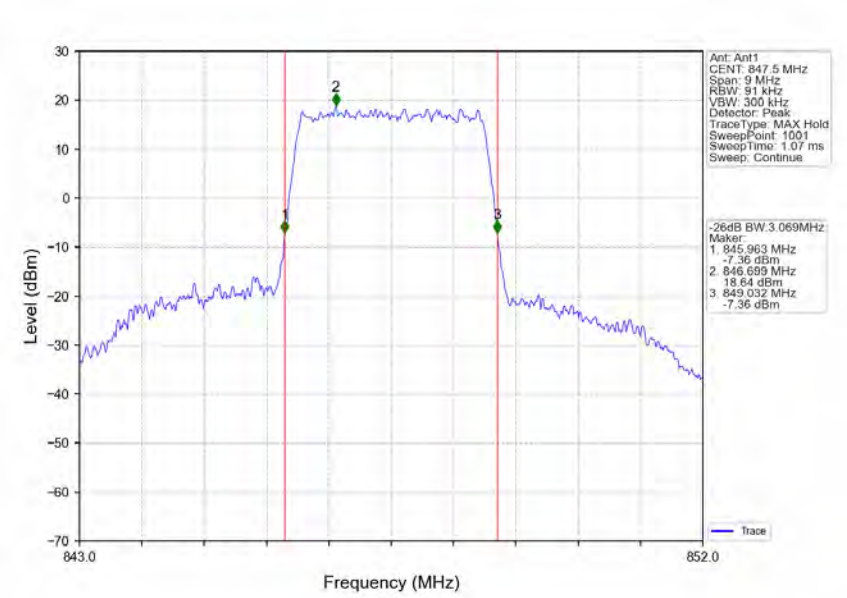
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



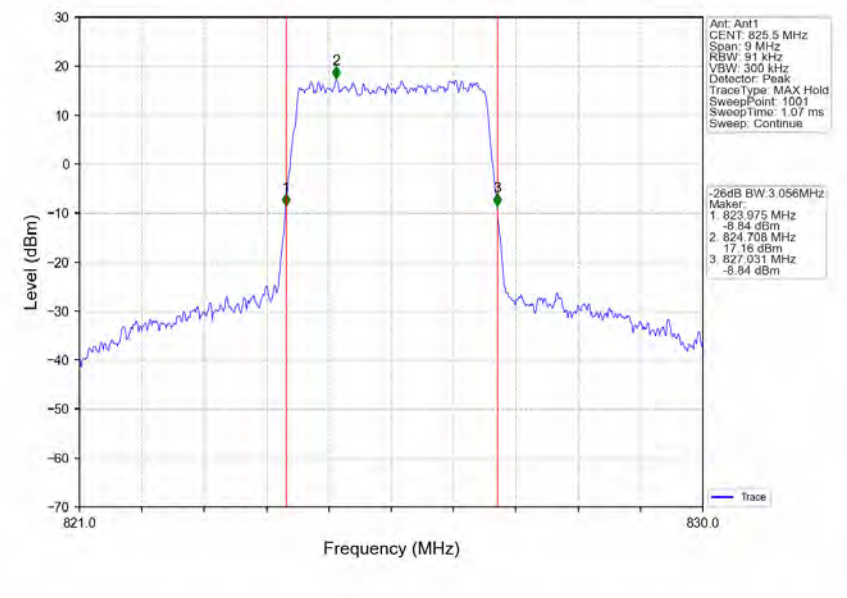
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



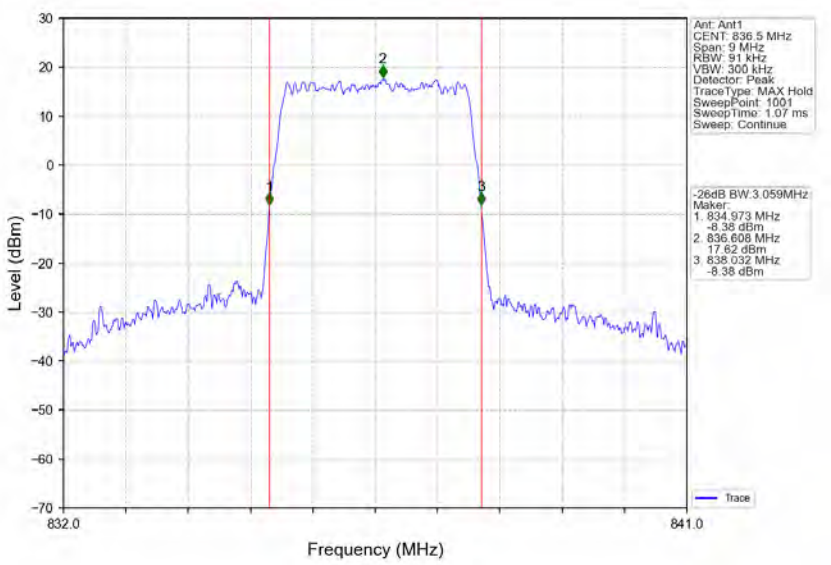
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



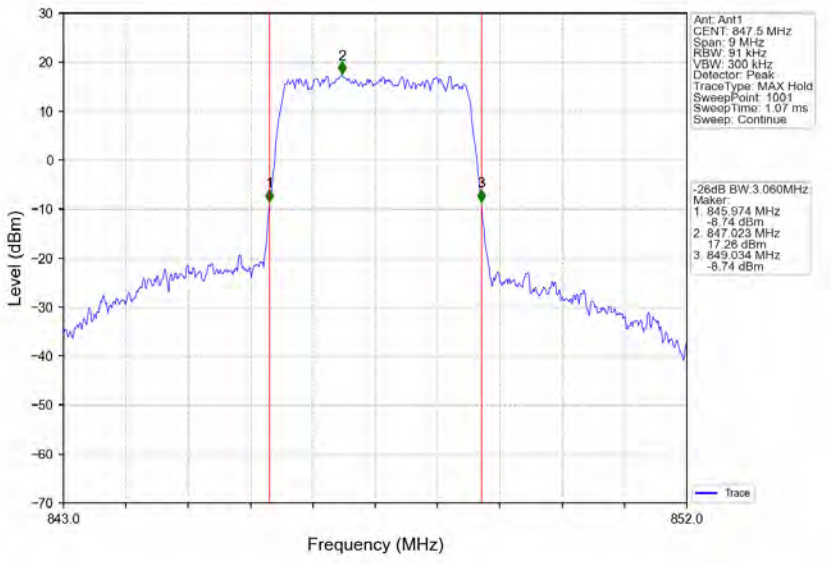
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



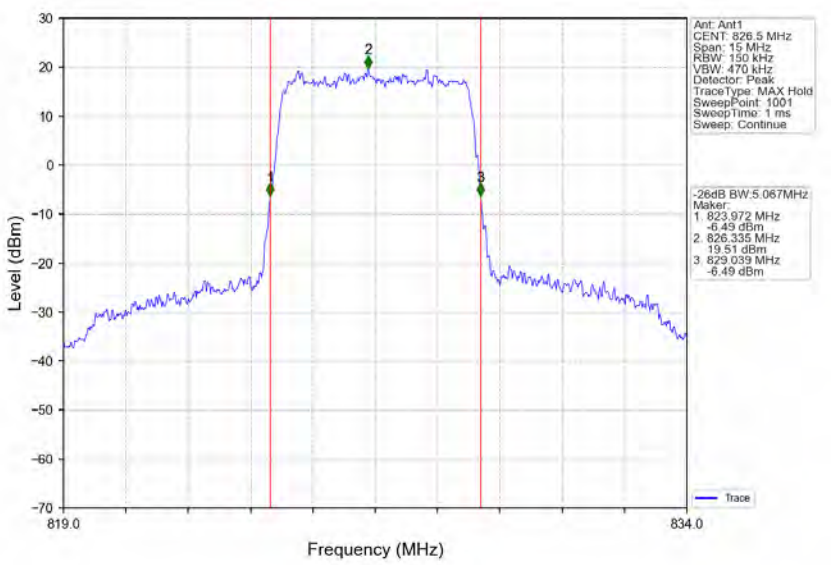
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



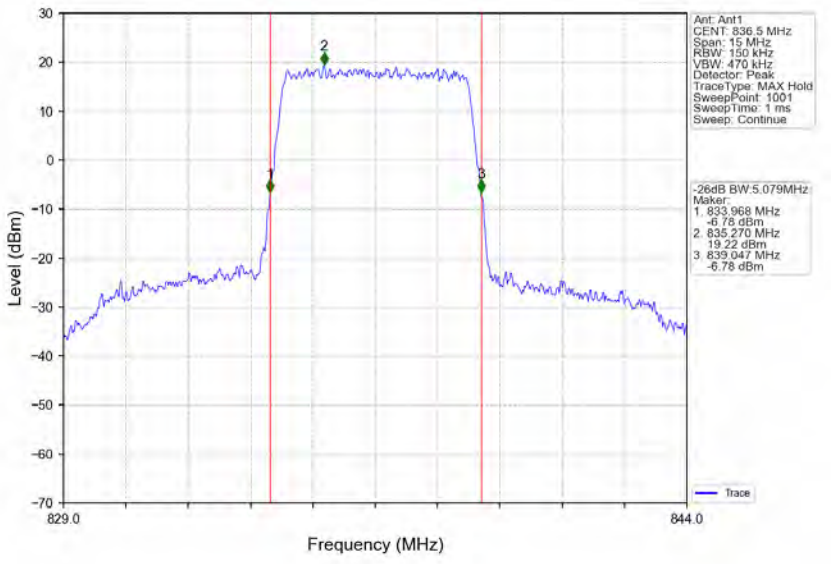
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



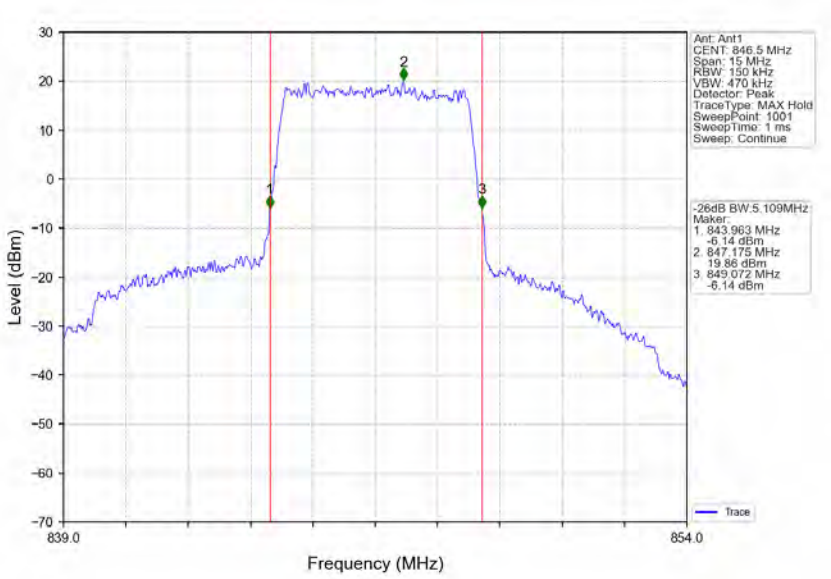
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



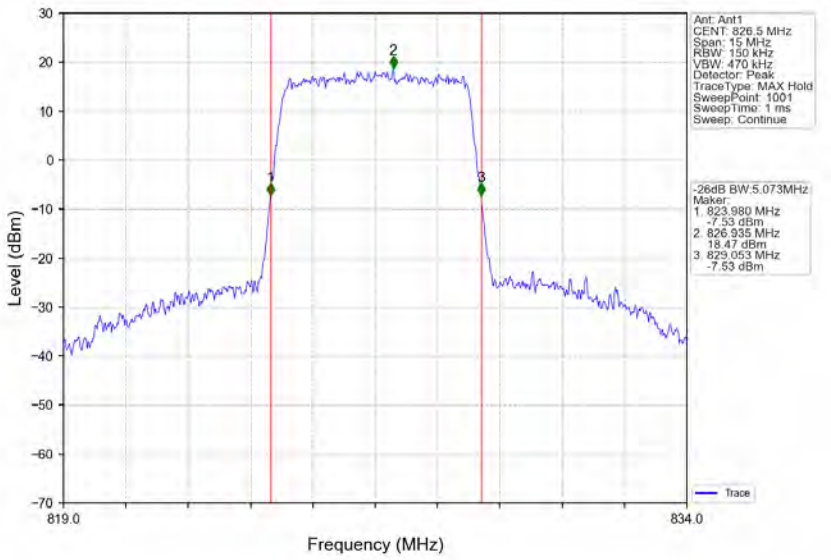
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



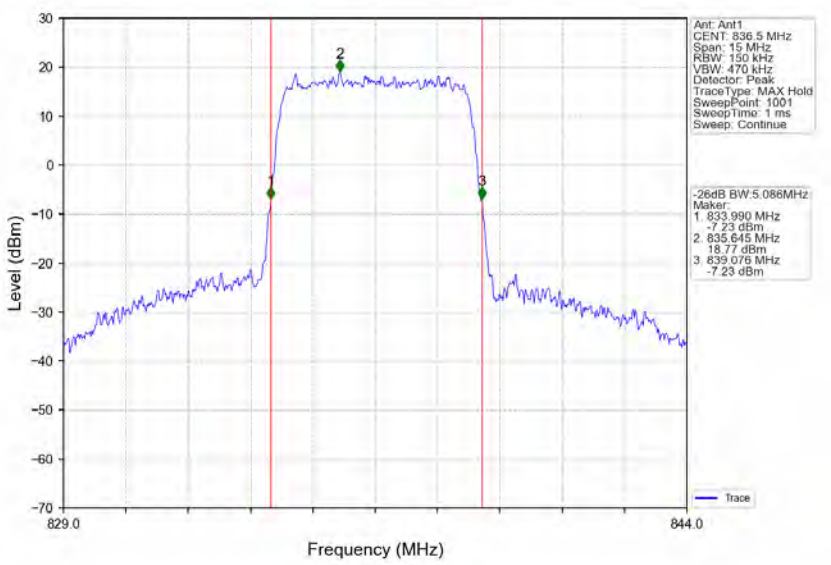
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



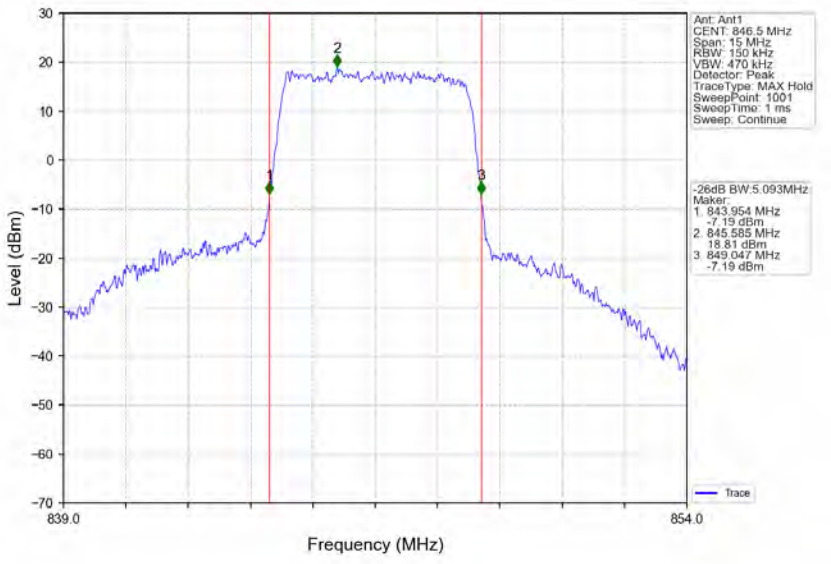
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



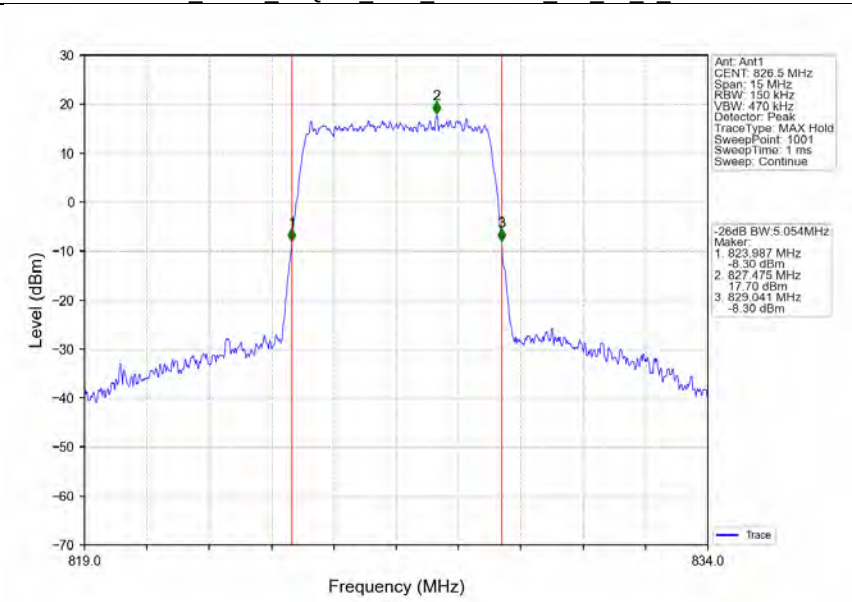
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



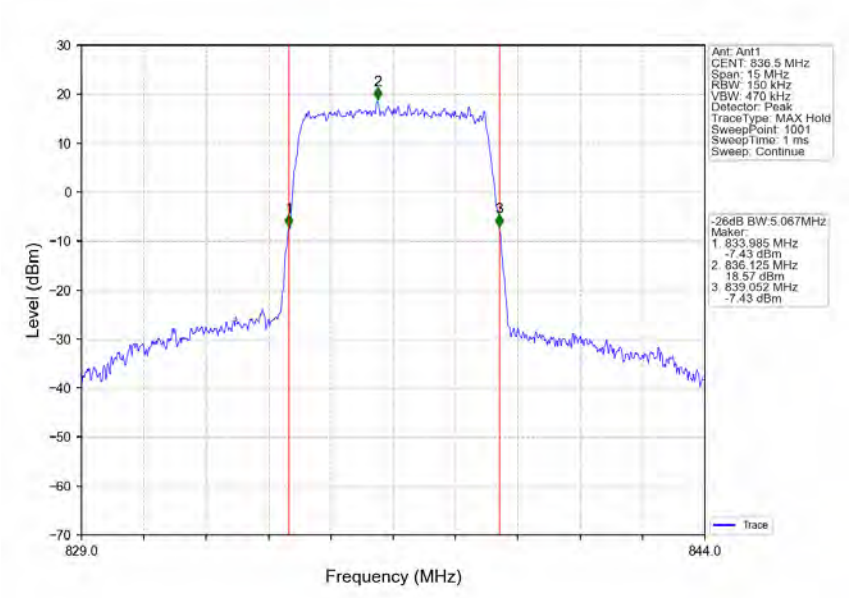
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



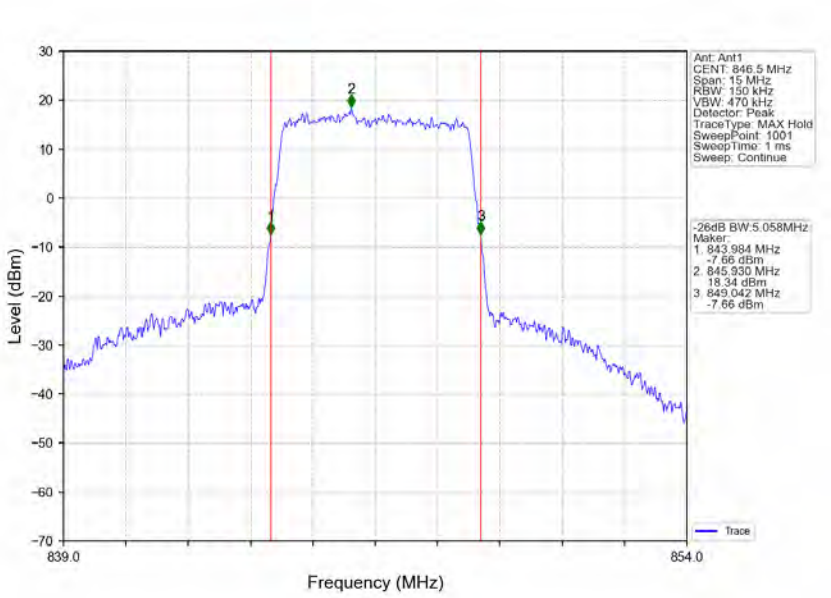
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



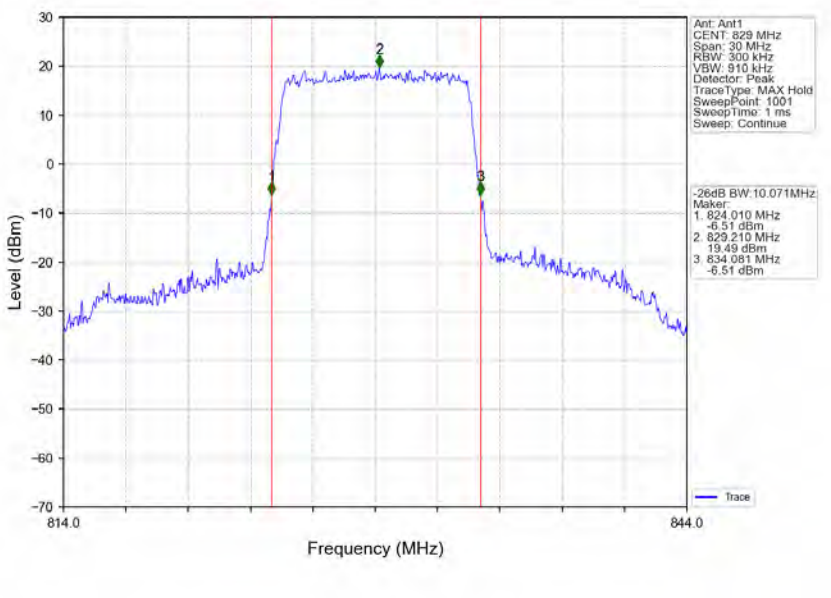
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



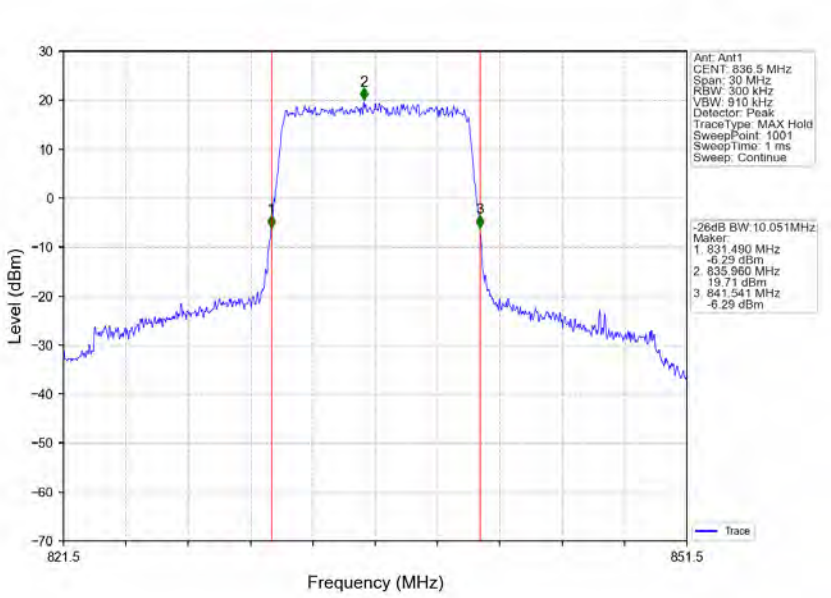
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



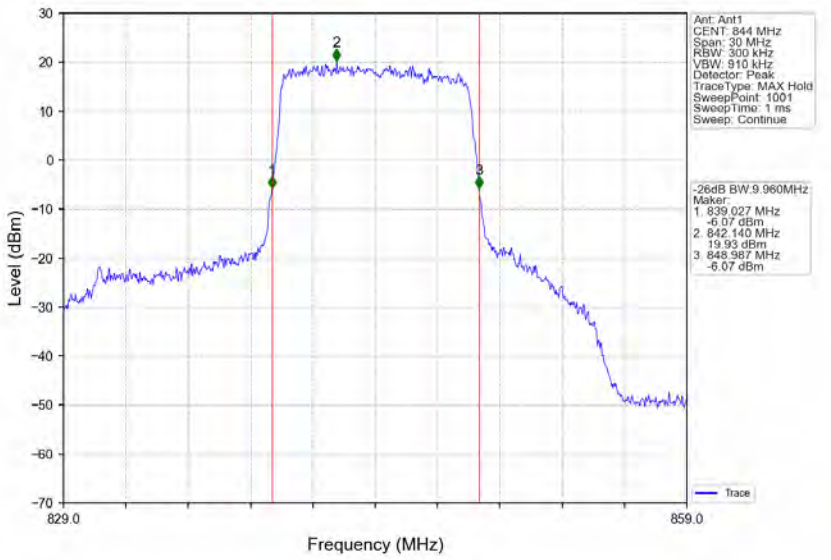
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



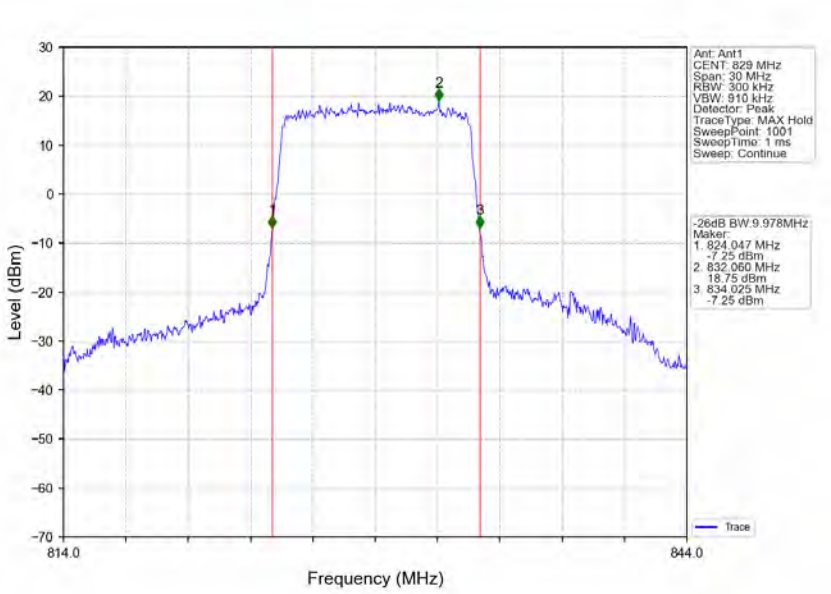
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



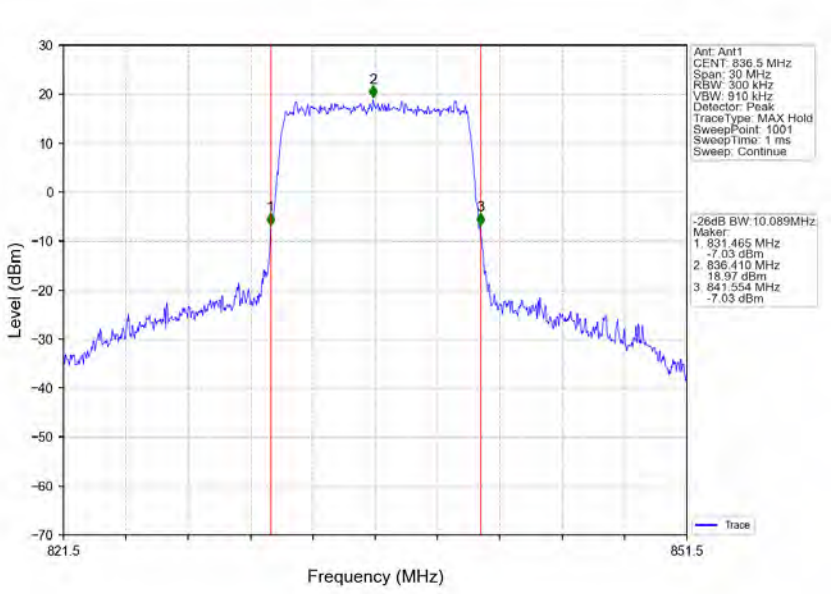
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



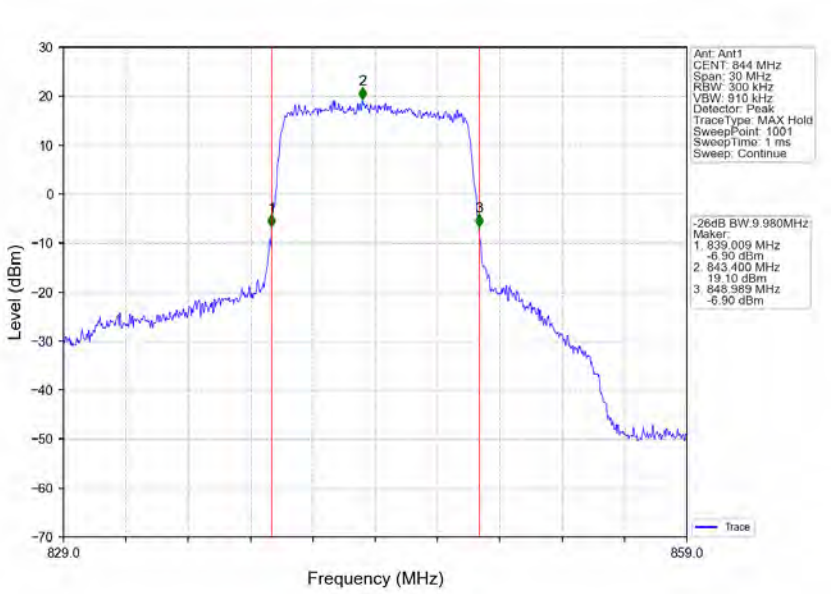
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



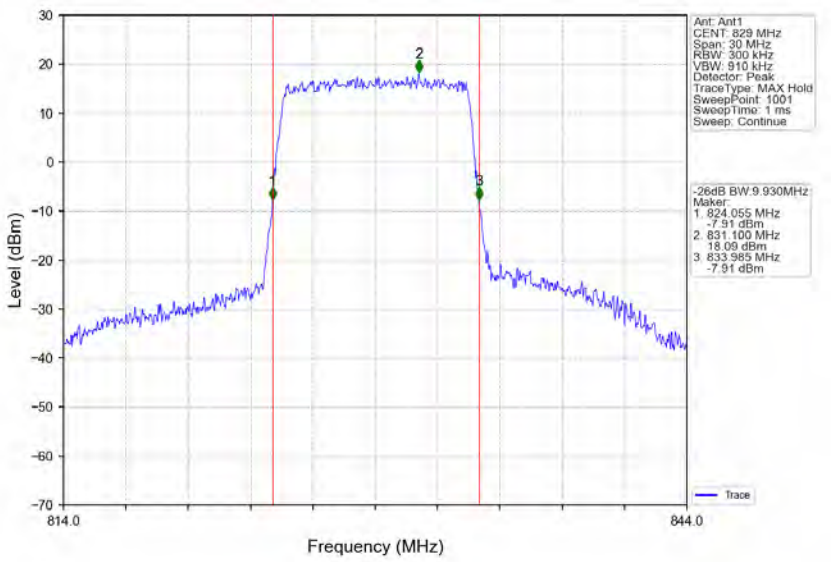
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



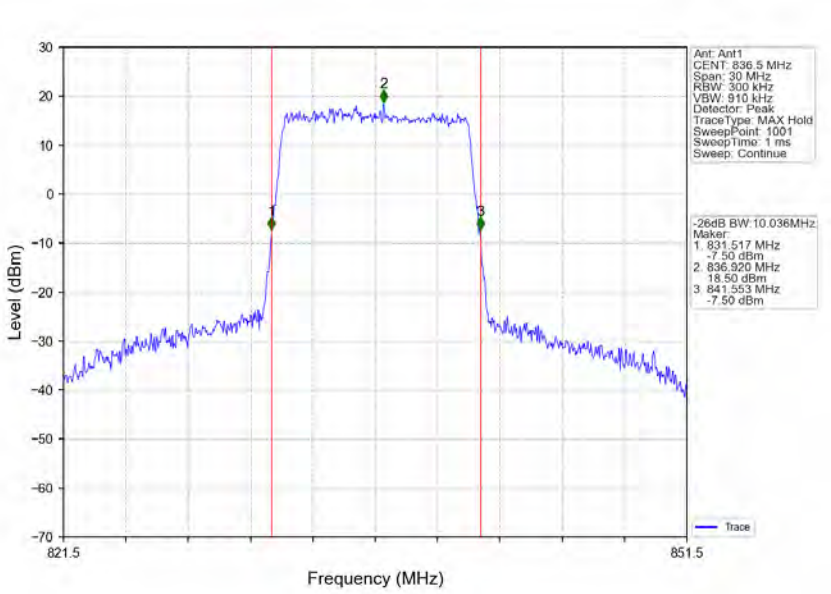
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



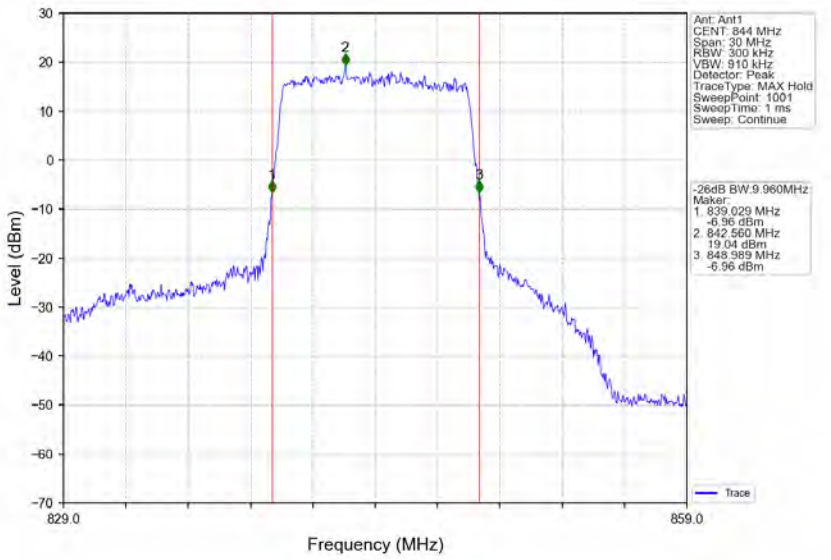
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



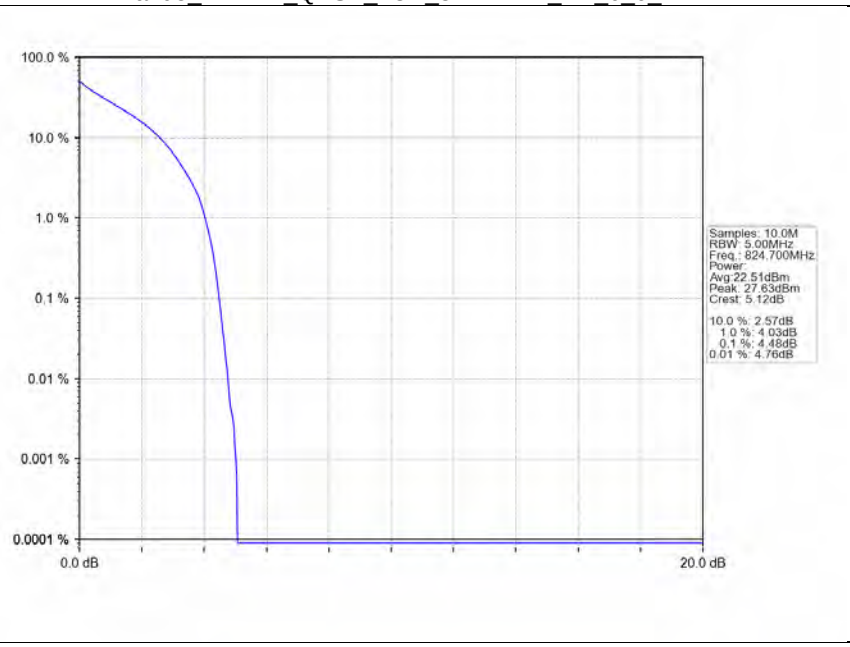
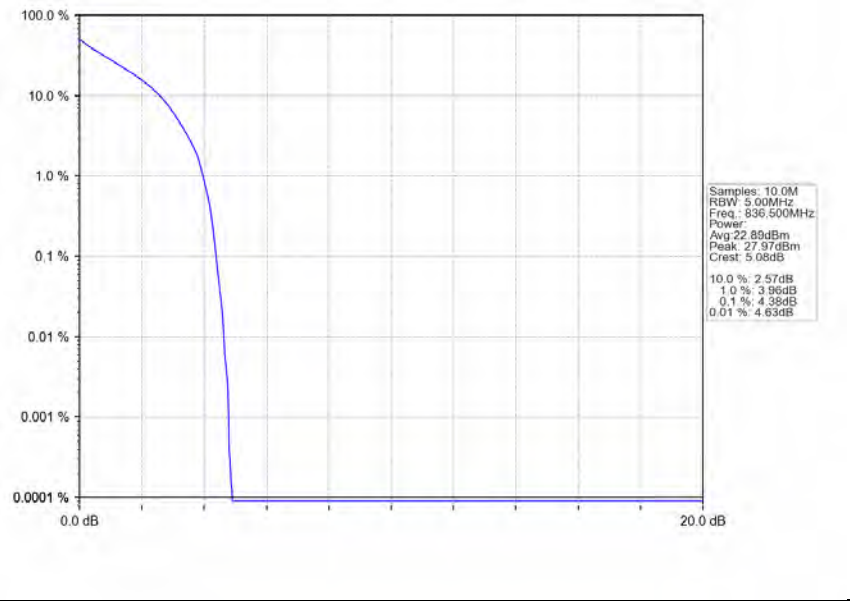
5. Peak-Average Ratio

5.1 B5_1.4MHz

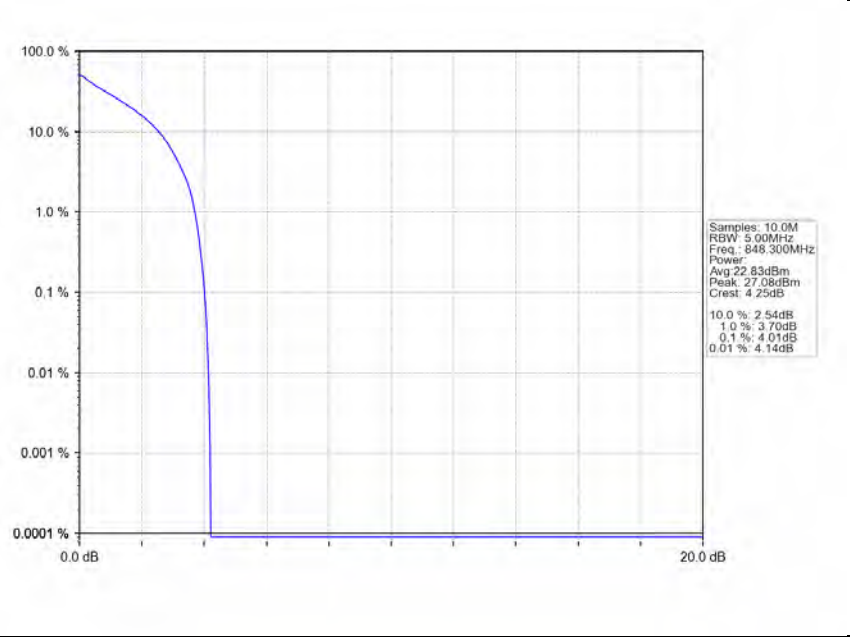
5.1.1 Test Result

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	4.48	<=13	Pass
	836.5	6	0	4.38	<=13	Pass
	848.3	6	0	4.01	<=13	Pass
16QAM	824.7	6	0	5.34	<=13	Pass
	836.5	6	0	5.29	<=13	Pass
	848.3	6	0	4.88	<=13	Pass
64QAM	824.7	6	0	6.04	<=13	Pass
	836.5	6	0	5.92	<=13	Pass
	848.3	6	0	5.76	<=13	Pass

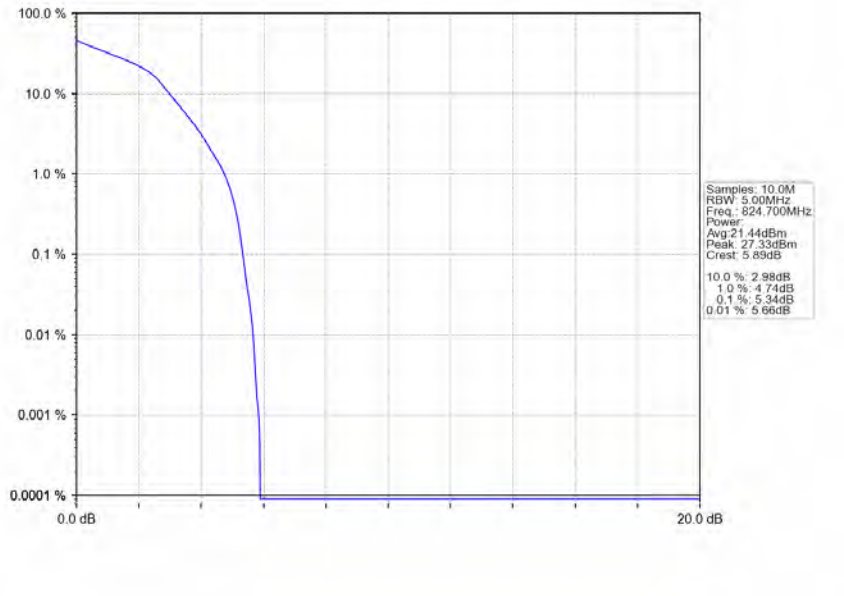
5.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


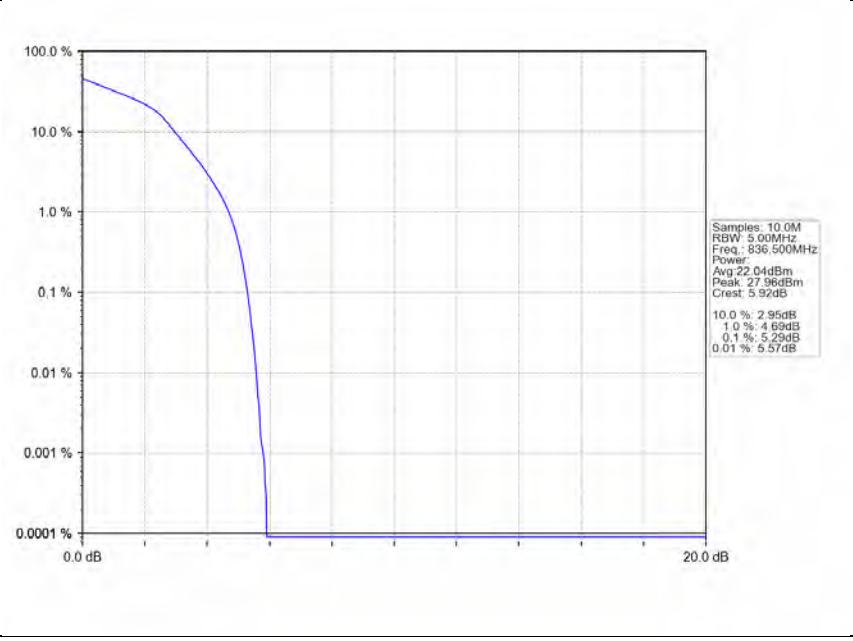
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



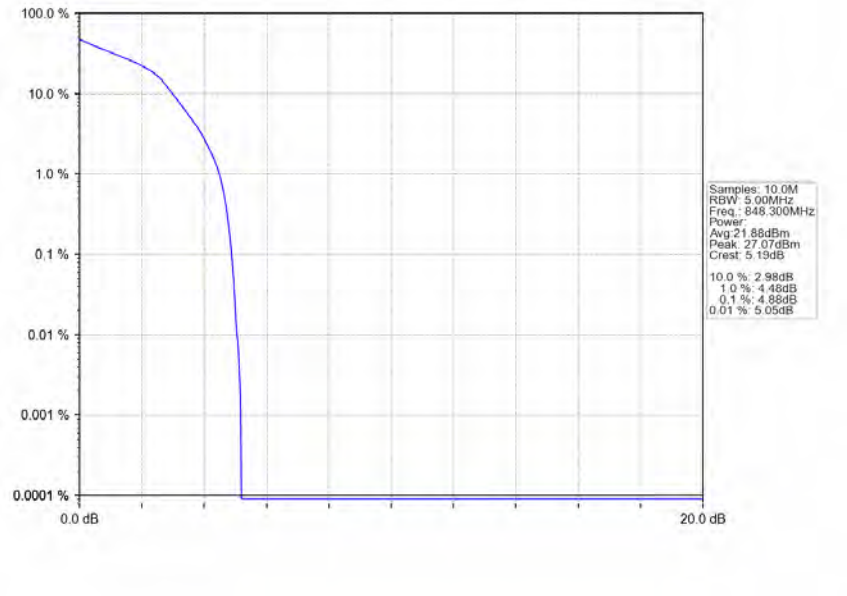
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



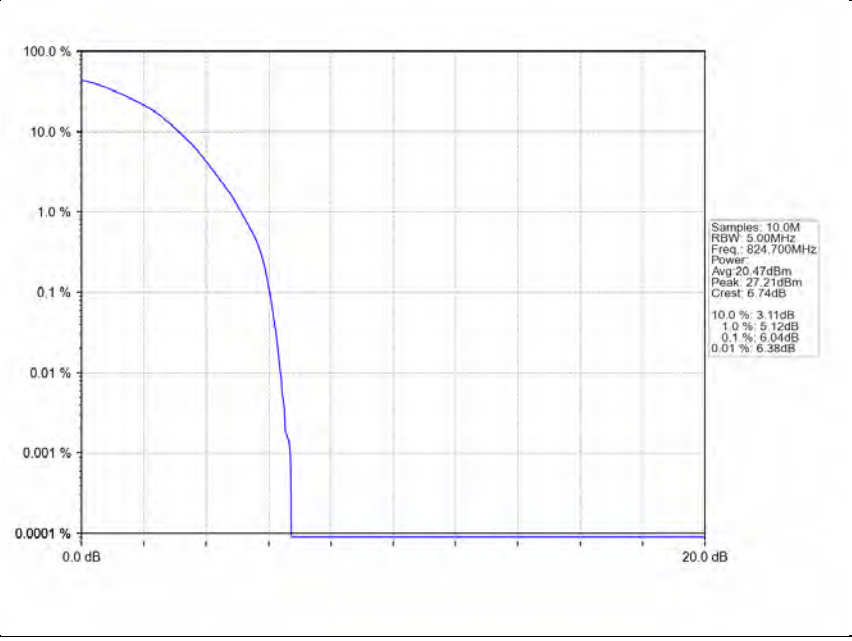
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



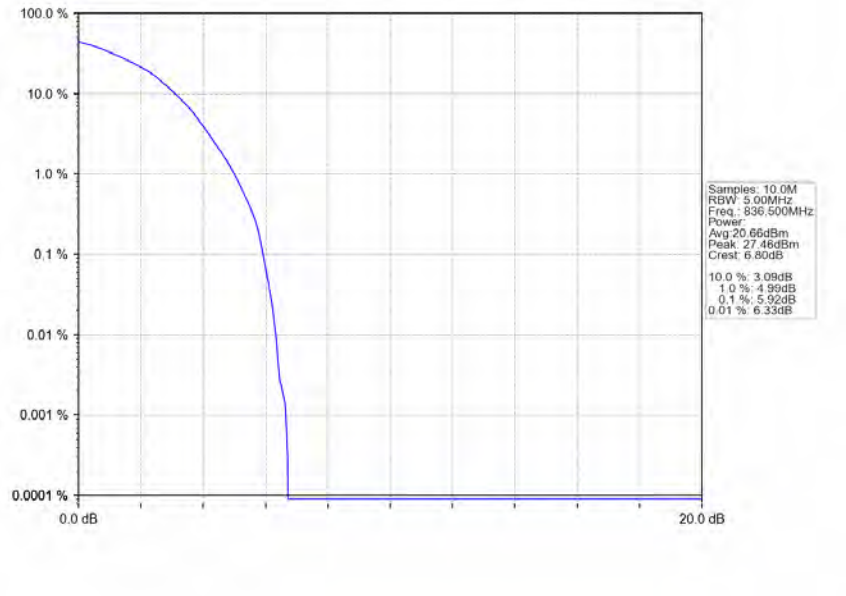
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

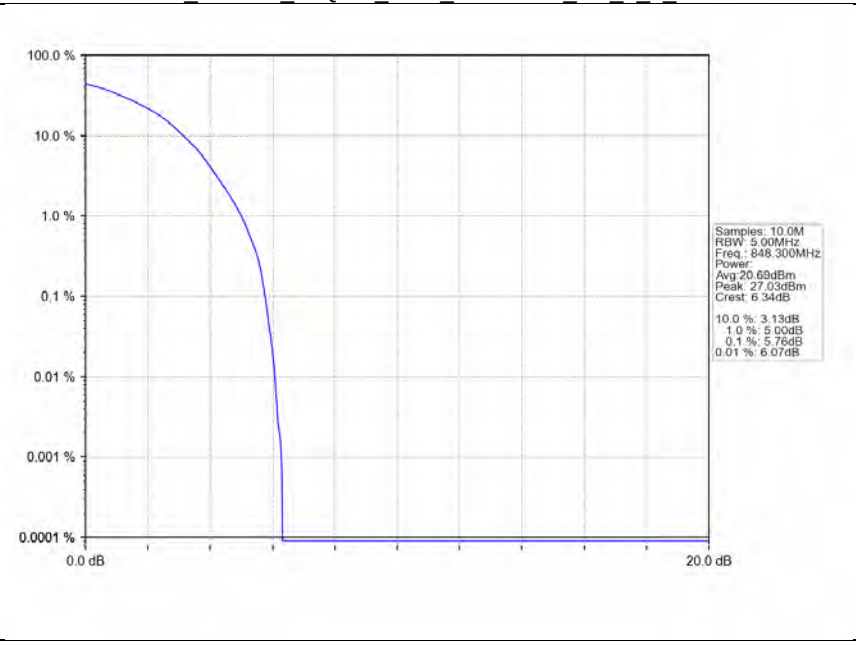


Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



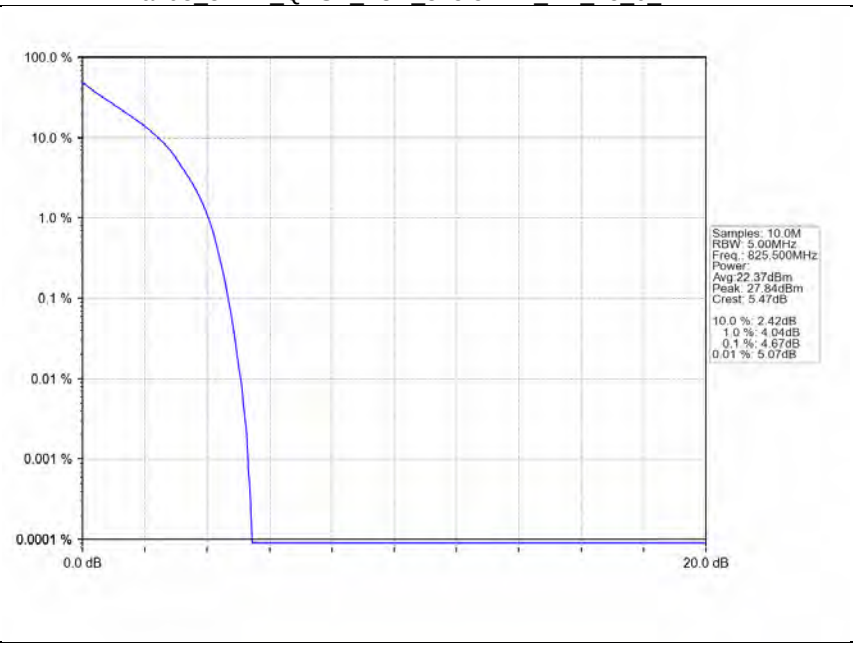
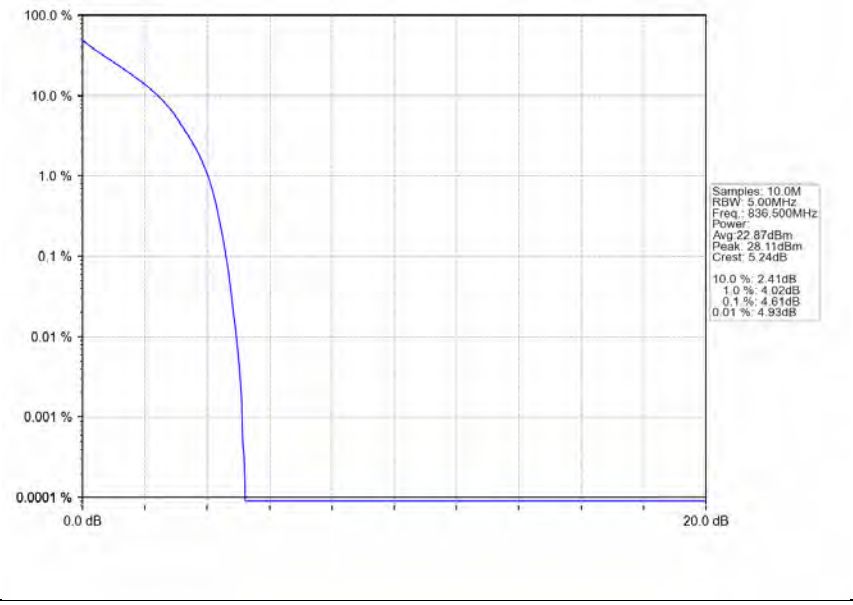
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV


5.2 B5_3MHz

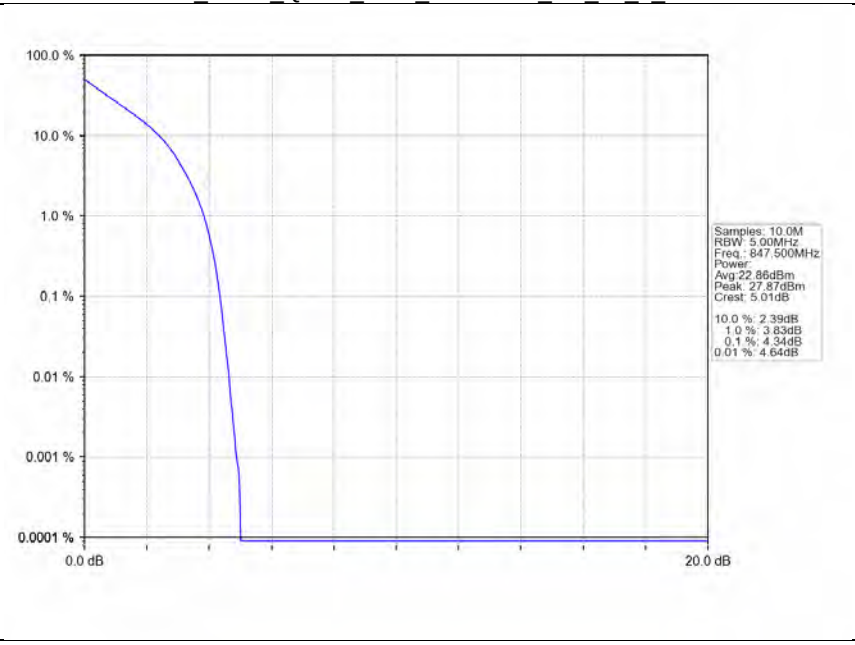
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.67	<=13	Pass
	836.5	15	0	4.61	<=13	Pass
	847.5	15	0	4.34	<=13	Pass
16QAM	825.5	15	0	5.45	<=13	Pass
	836.5	15	0	5.46	<=13	Pass
	847.5	15	0	5.14	<=13	Pass
64QAM	825.5	15	0	6.10	<=13	Pass
	836.5	15	0	6.06	<=13	Pass
	847.5	15	0	5.92	<=13	Pass

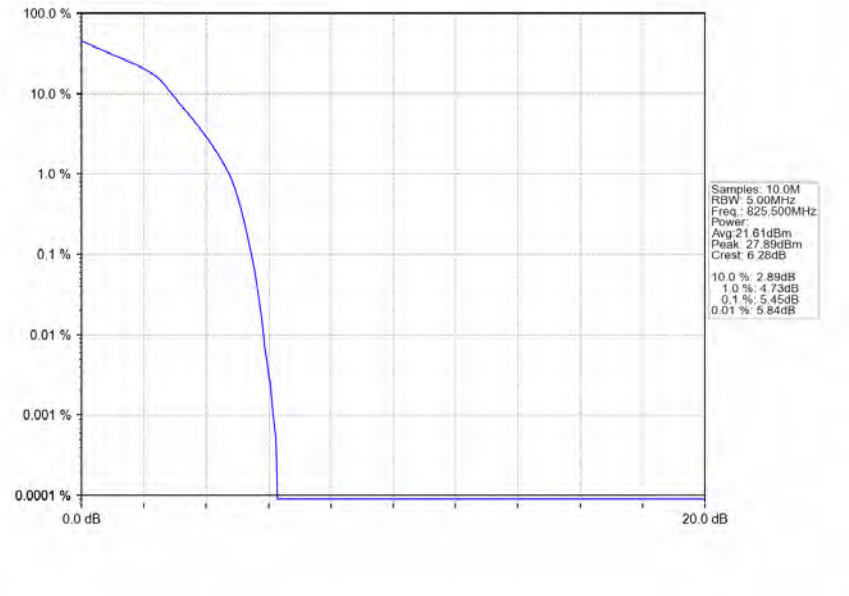
5.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV


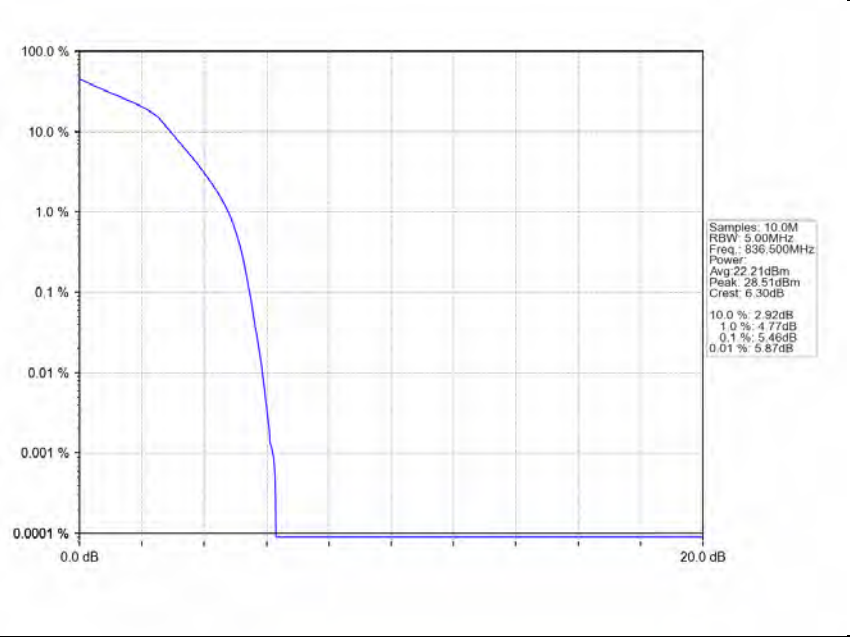
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



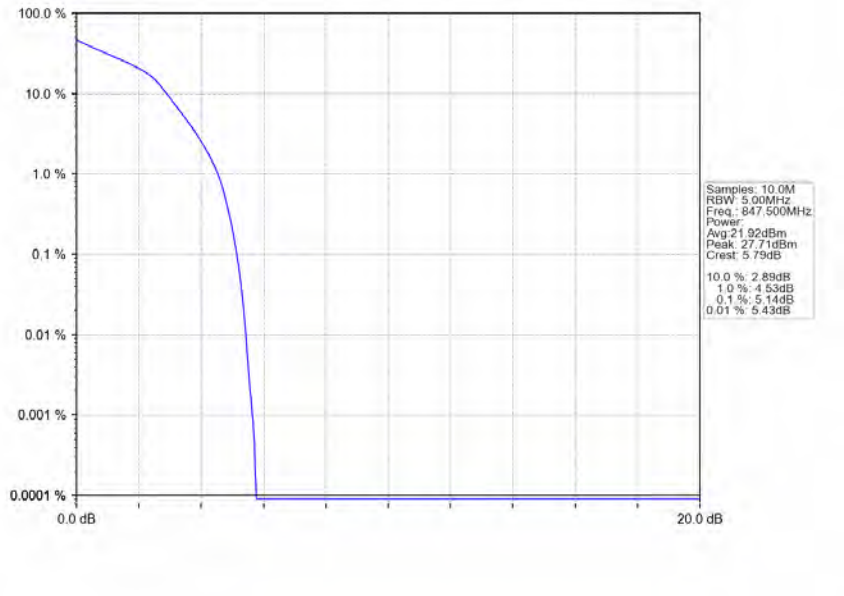
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



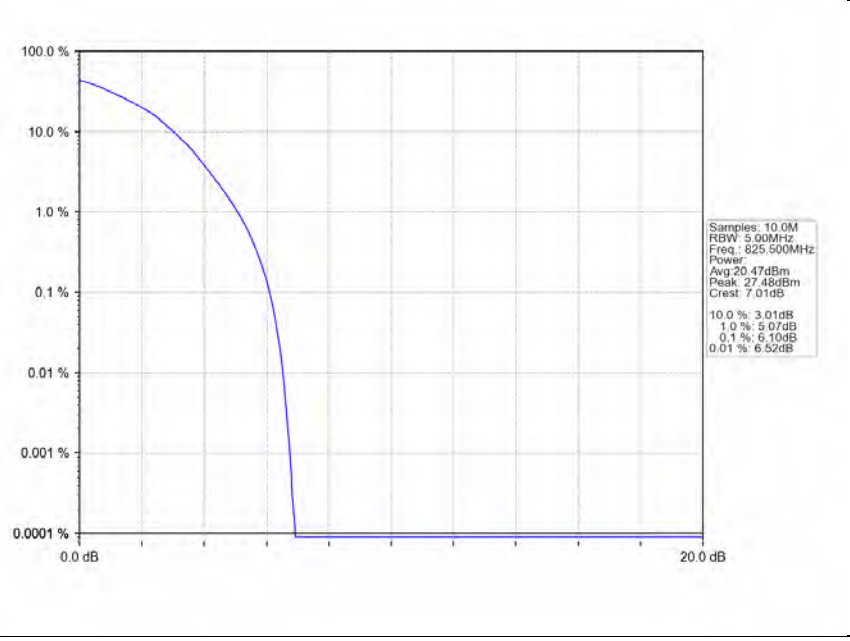
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



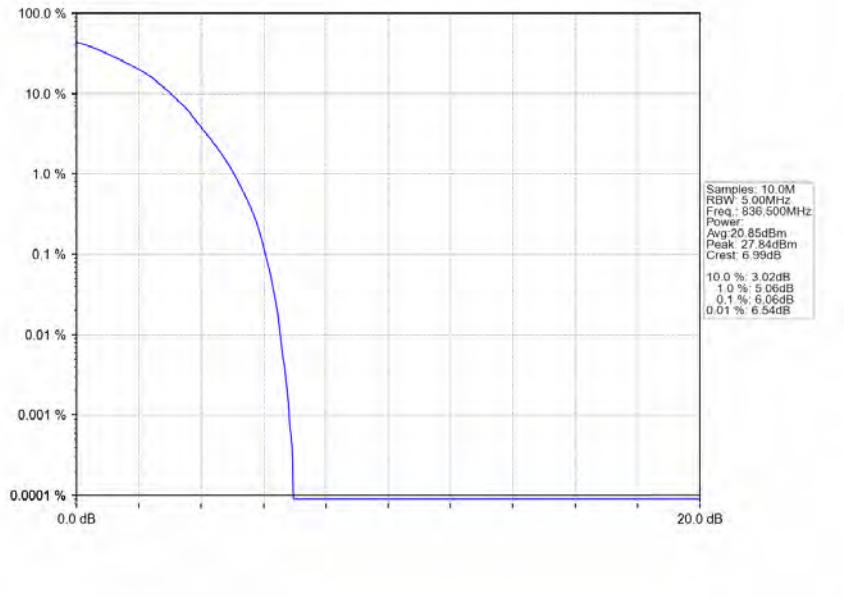
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



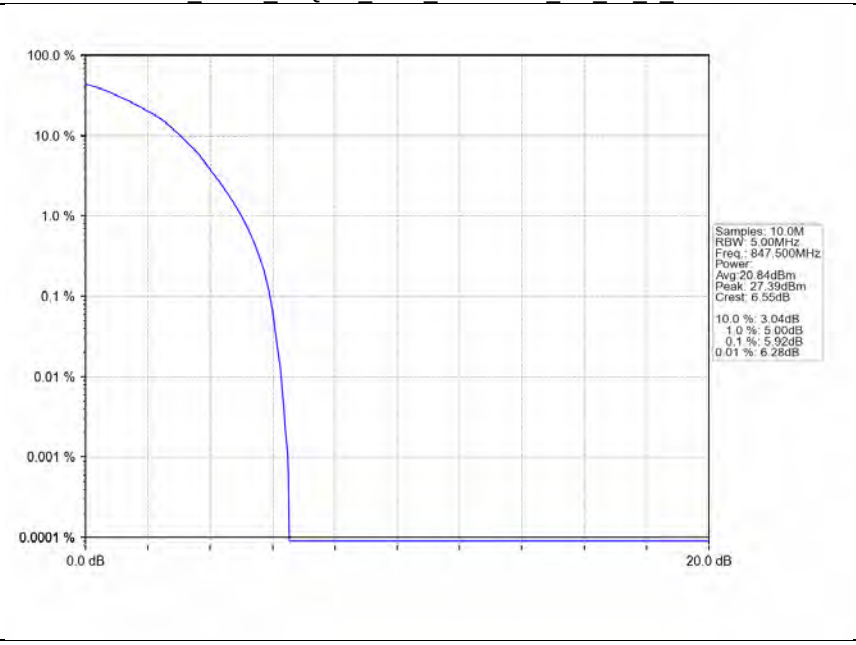
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV

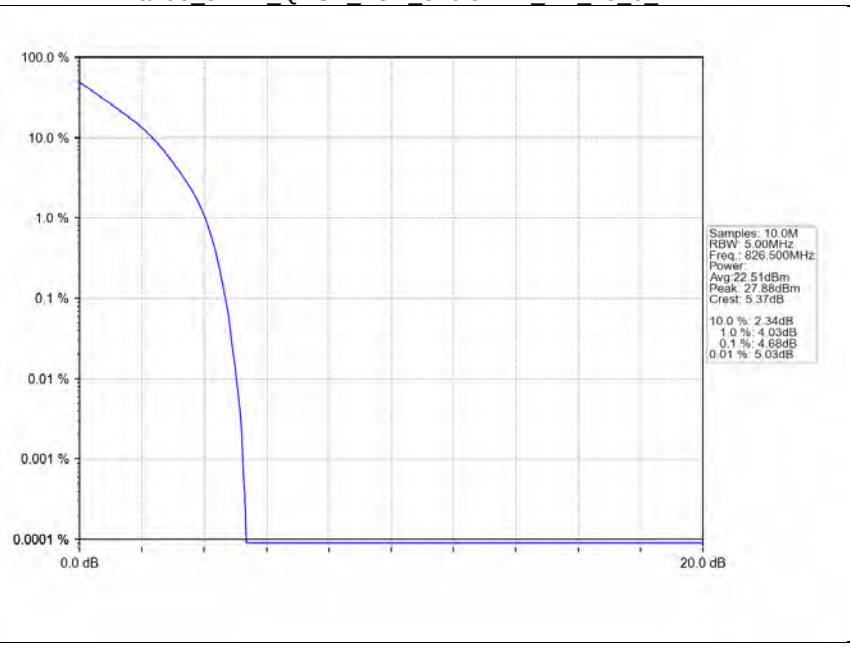
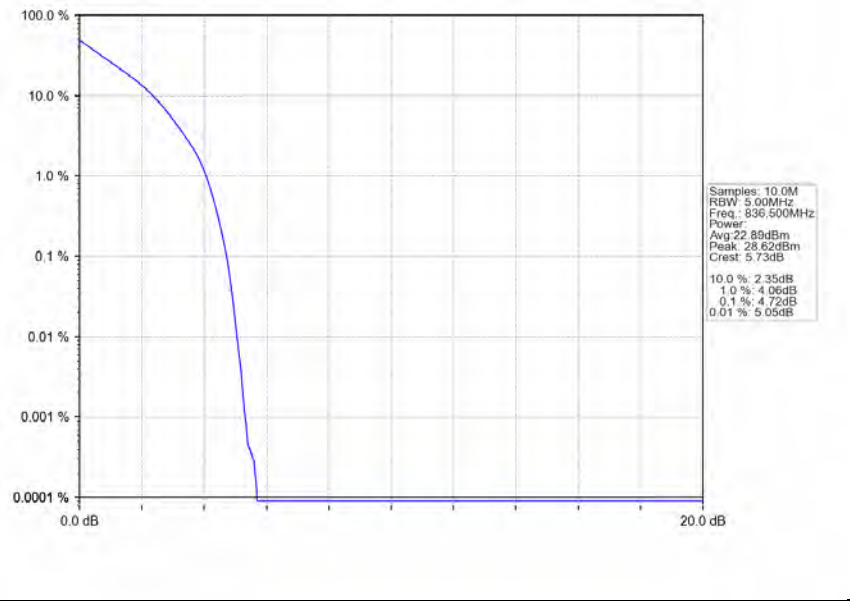


5.3 B5_5MHz

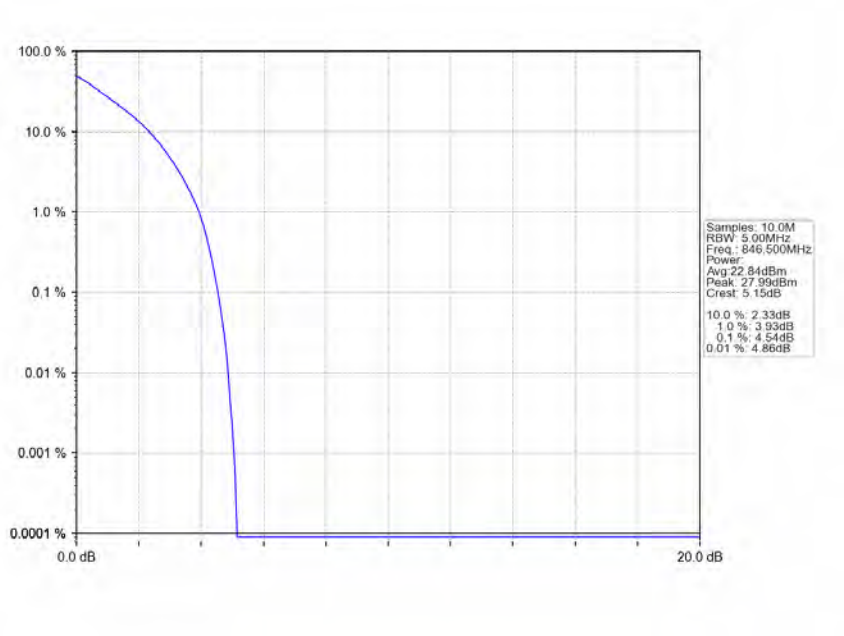
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.68	<=13	Pass
	836.5	25	0	4.72	<=13	Pass
	846.5	25	0	4.54	<=13	Pass
16QAM	826.5	25	0	5.49	<=13	Pass
	836.5	25	0	5.52	<=13	Pass
	846.5	25	0	5.30	<=13	Pass
64QAM	826.5	25	0	6.05	<=13	Pass
	836.5	25	0	6.13	<=13	Pass
	846.5	25	0	5.99	<=13	Pass

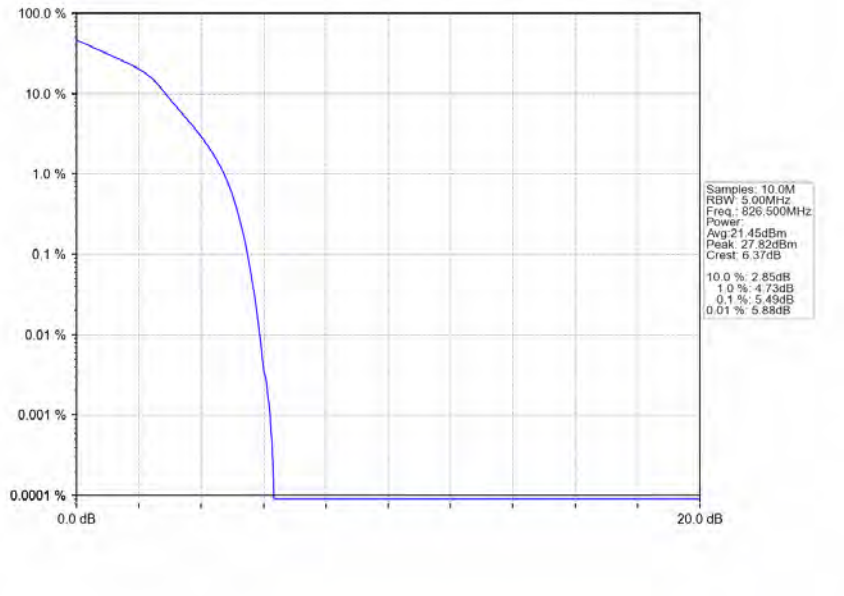
5.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV


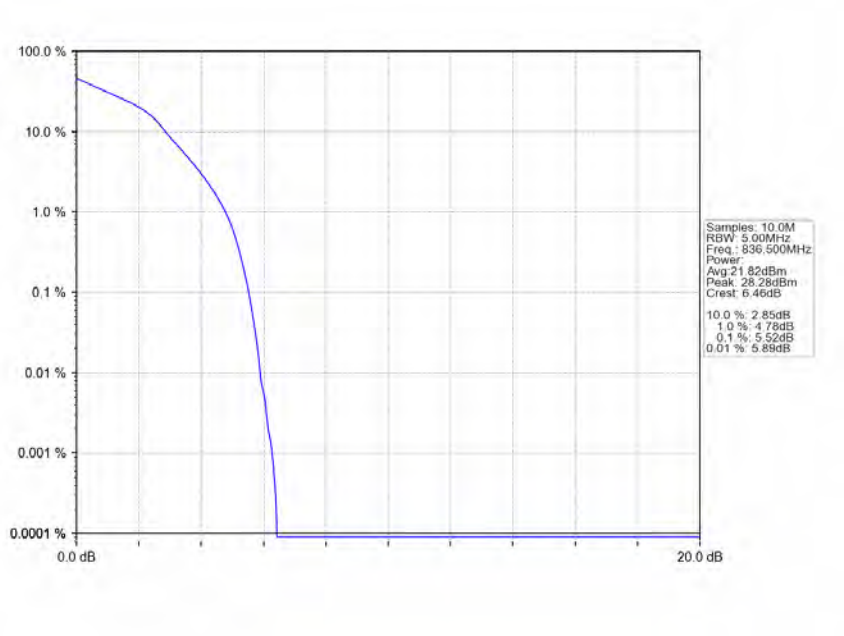
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



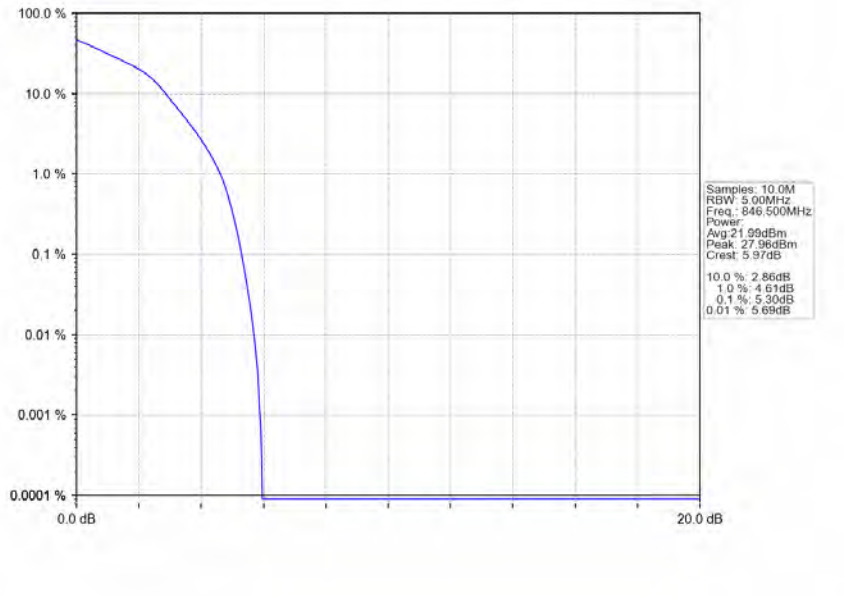
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



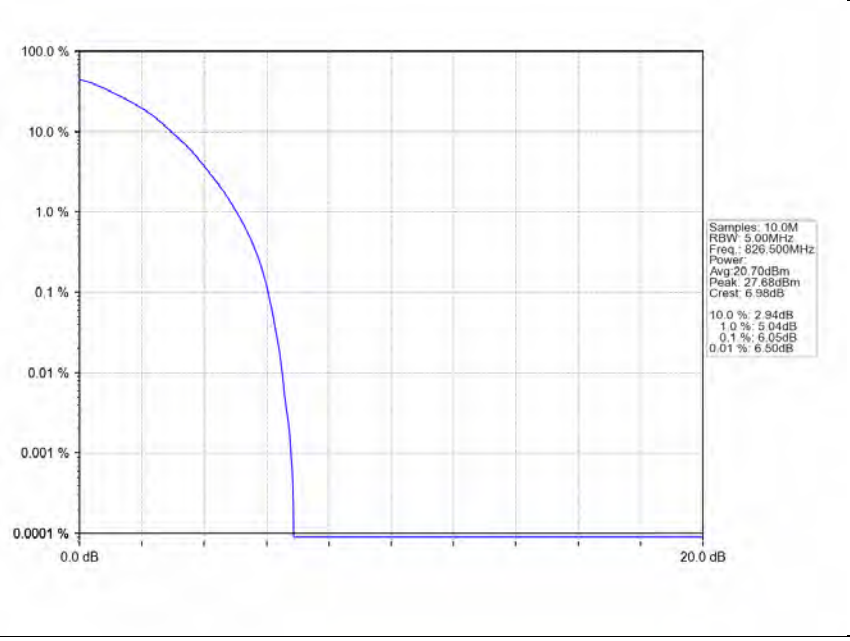
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



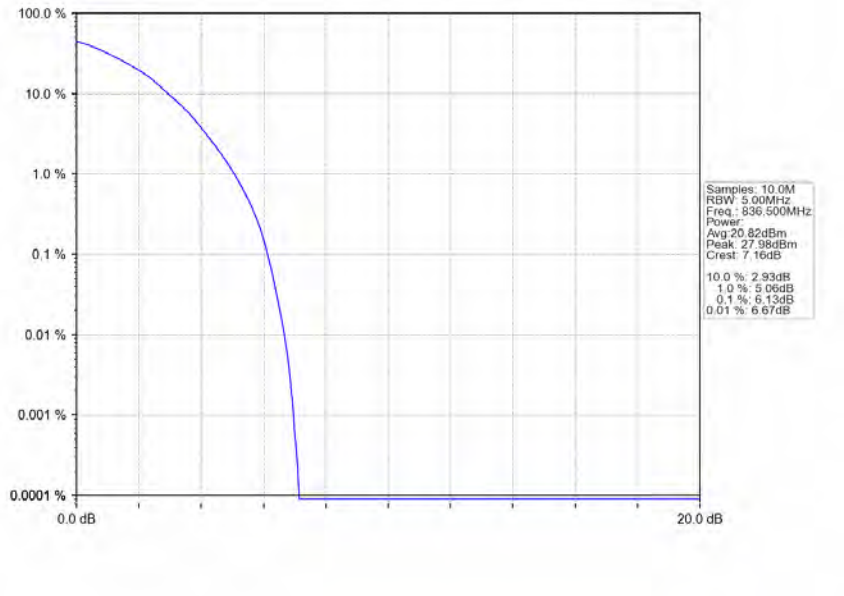
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

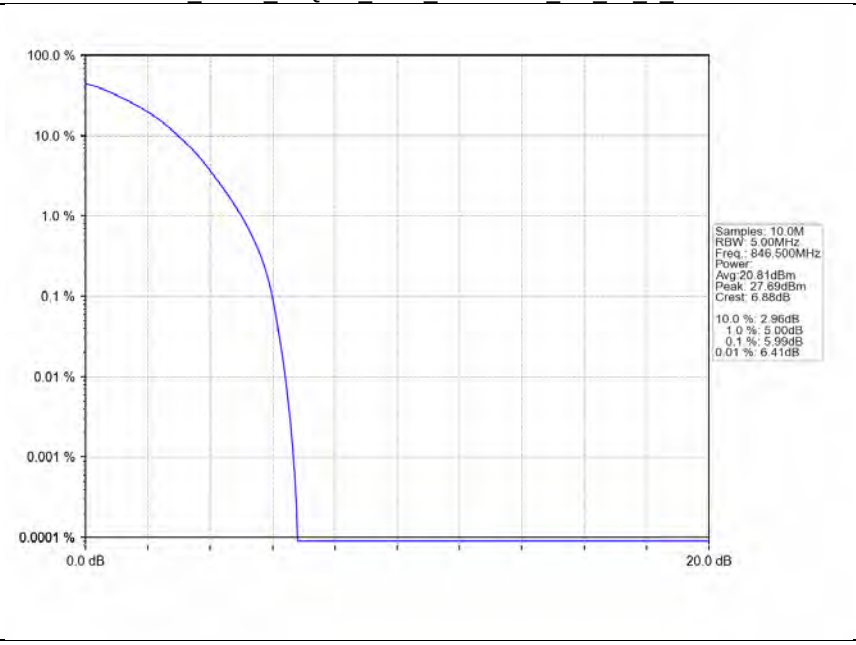


Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



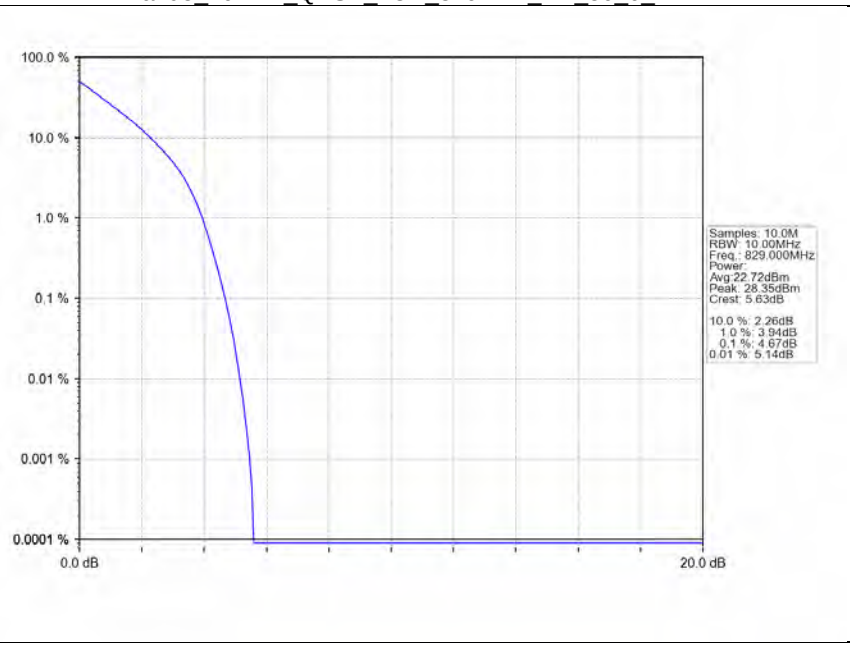
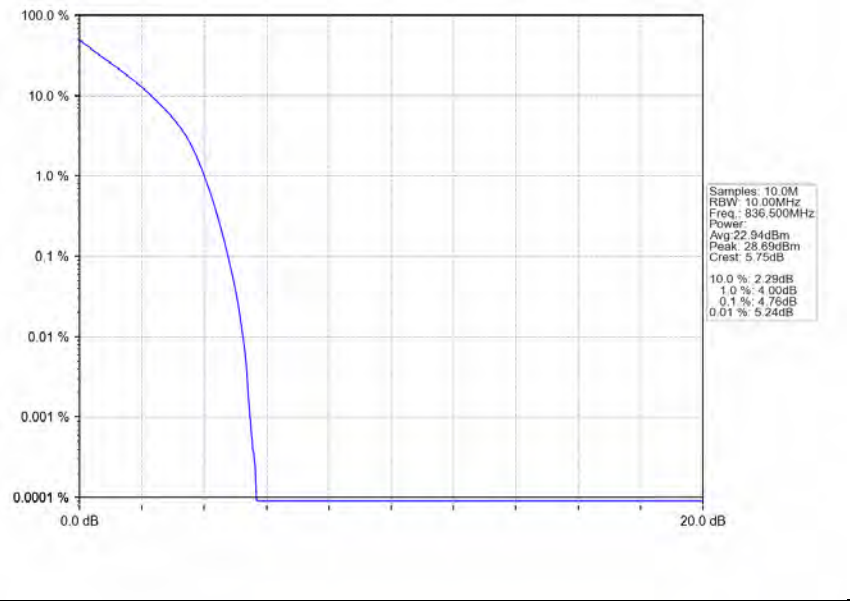
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV


5.4 B5_10MHz

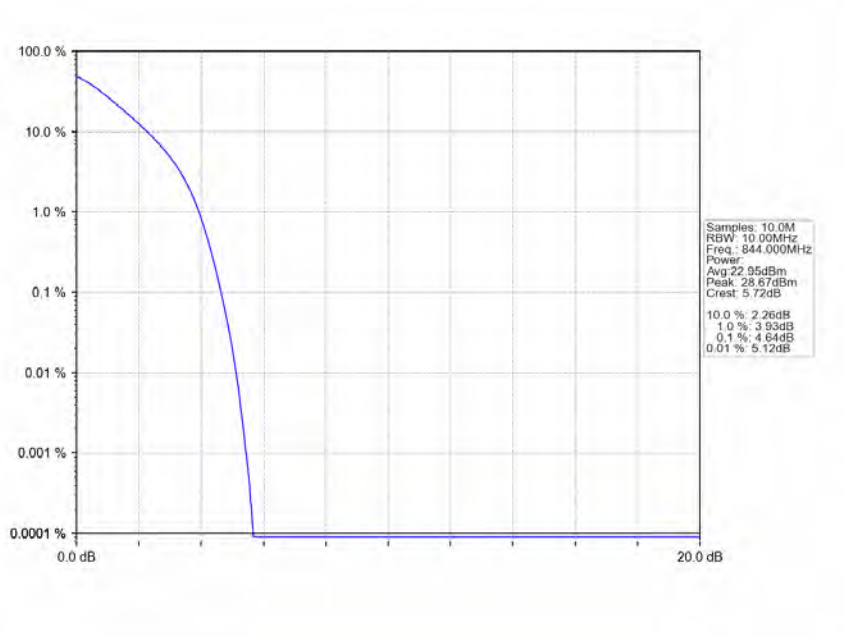
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.67	<=13	Pass
	836.5	50	0	4.76	<=13	Pass
	844	50	0	4.64	<=13	Pass
16QAM	829	50	0	5.45	<=13	Pass
	836.5	50	0	5.55	<=13	Pass
	844	50	0	5.41	<=13	Pass
64QAM	829	50	0	6.01	<=13	Pass
	836.5	50	0	6.12	<=13	Pass
	844	50	0	6.00	<=13	Pass

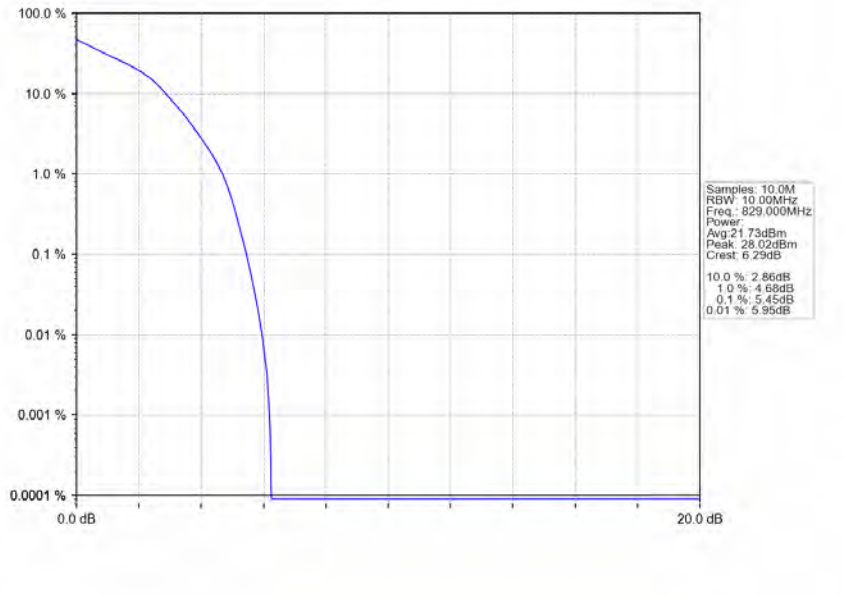
5.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV


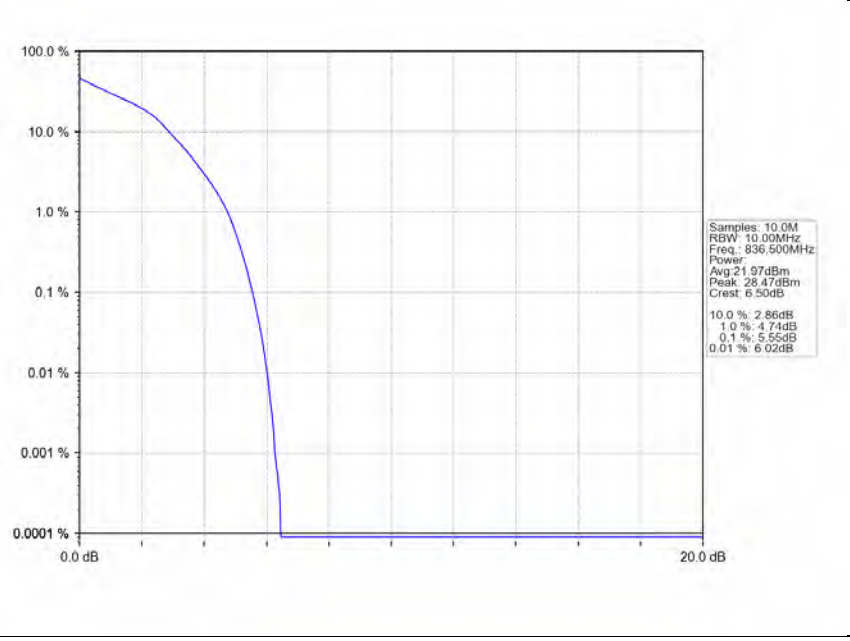
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



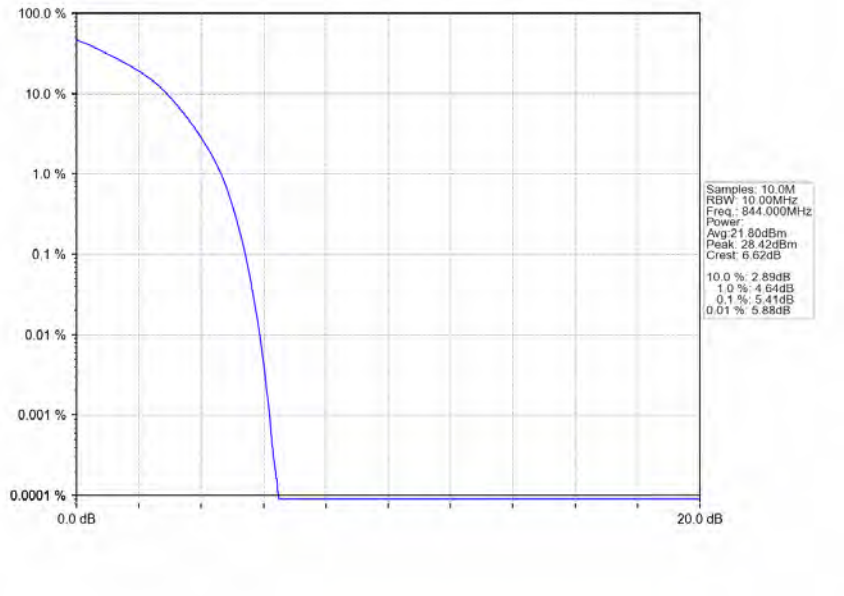
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



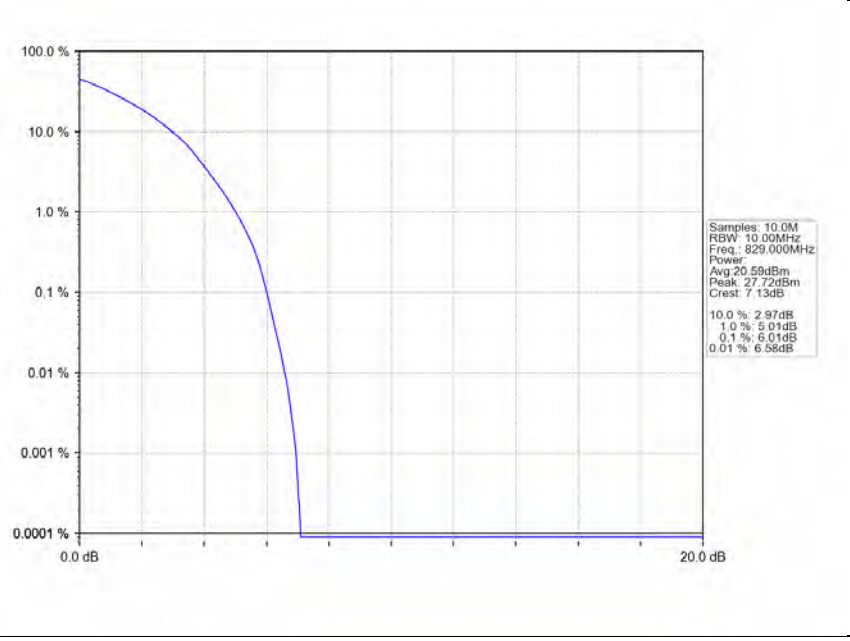
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



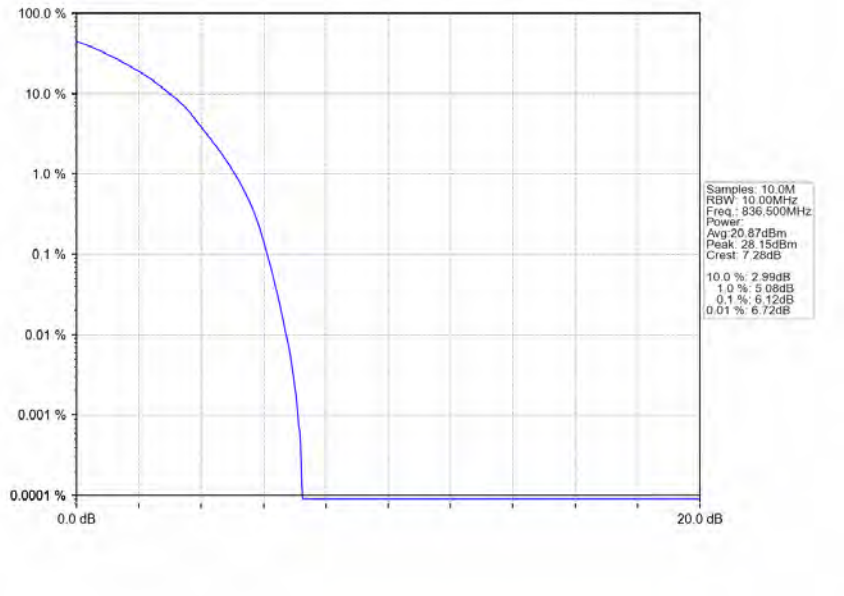
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

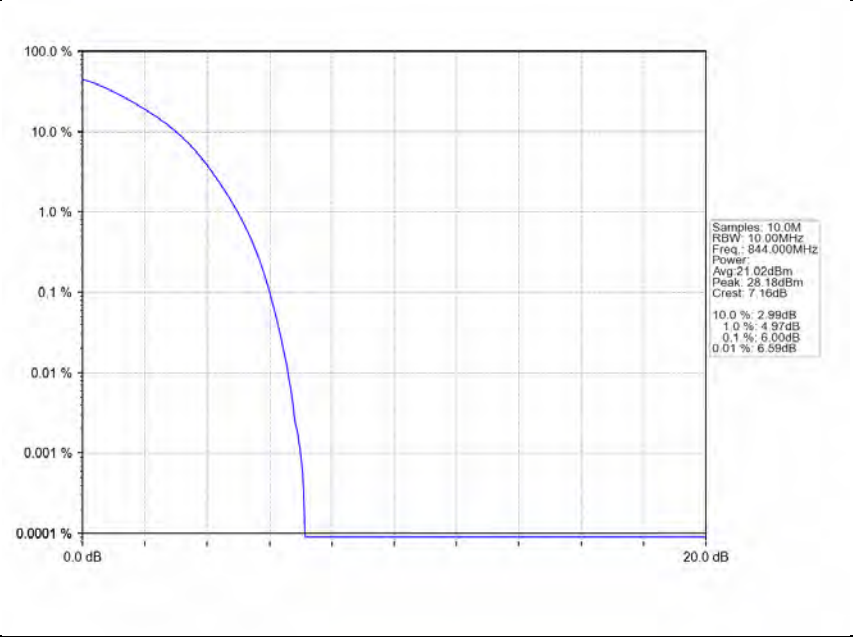


Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV


6. Spurious Emission

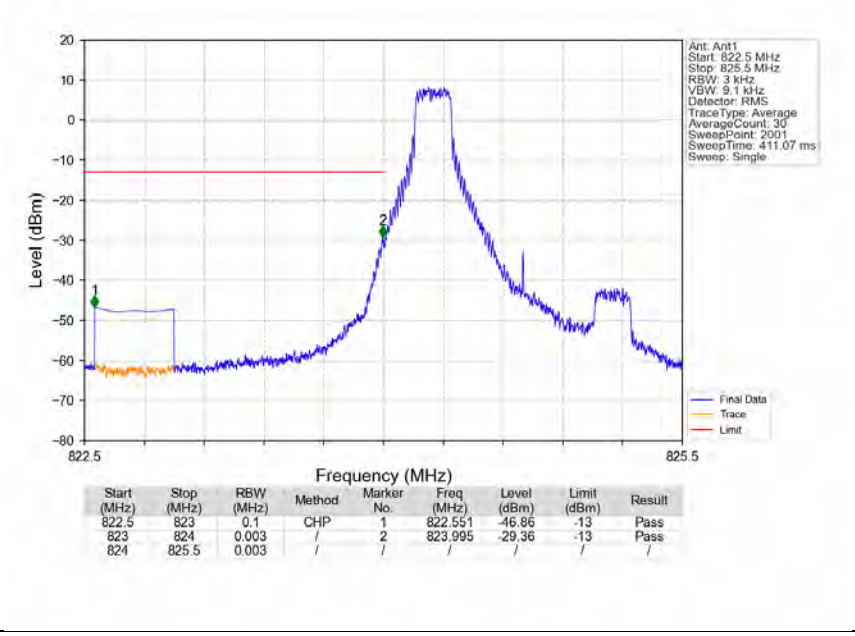
6.1 B5_1.4MHz

6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	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
64QAM	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

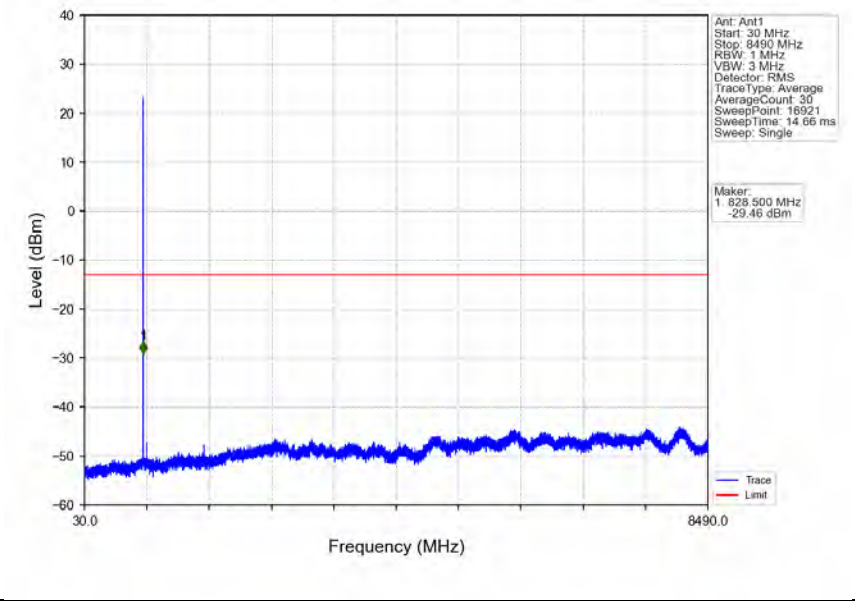
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

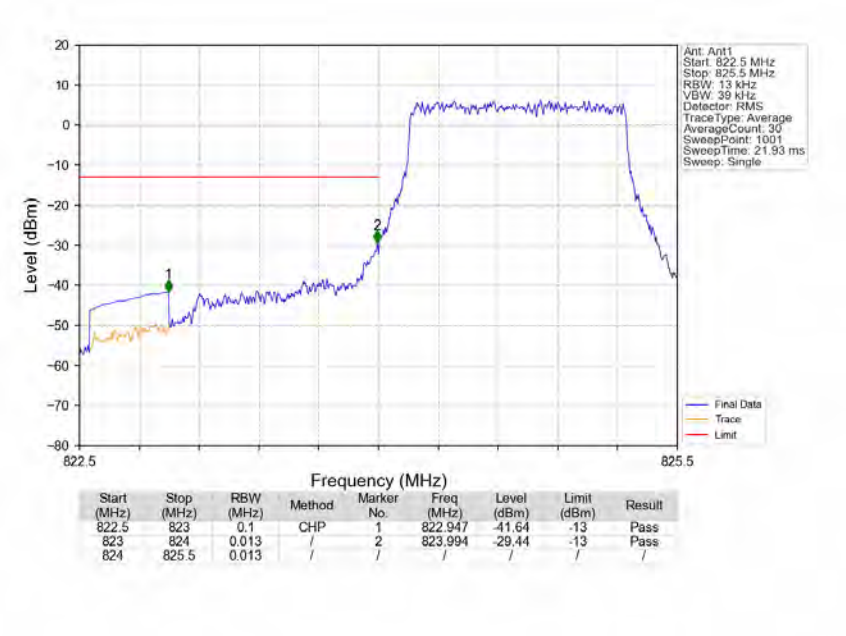


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-46.86	-13	Pass
823	824	0.003	/	2	823.995	-29.36	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

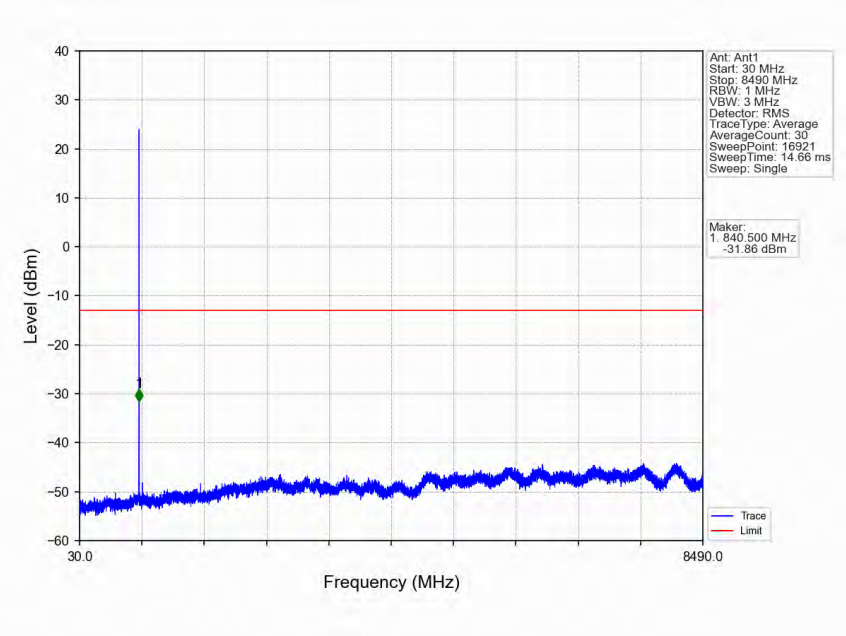


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

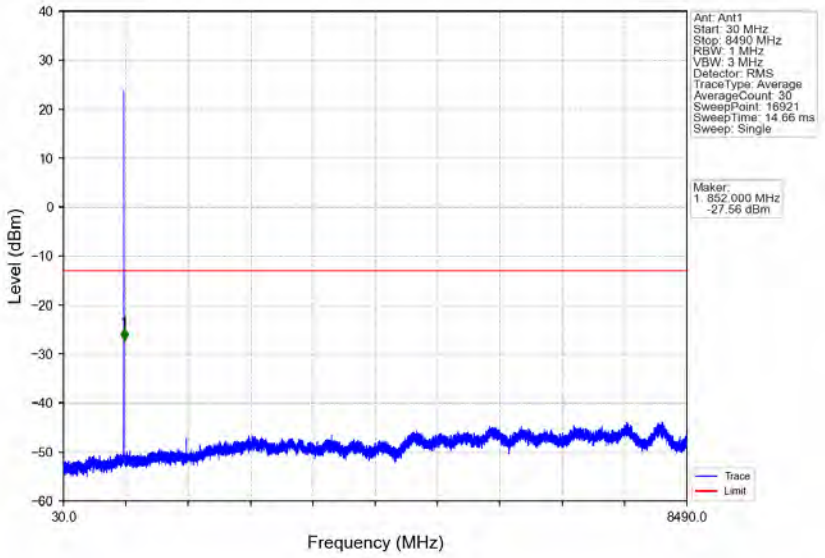


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-41.64	-13	Pass
823	824	0.013	/	2	823.994	-29.44	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

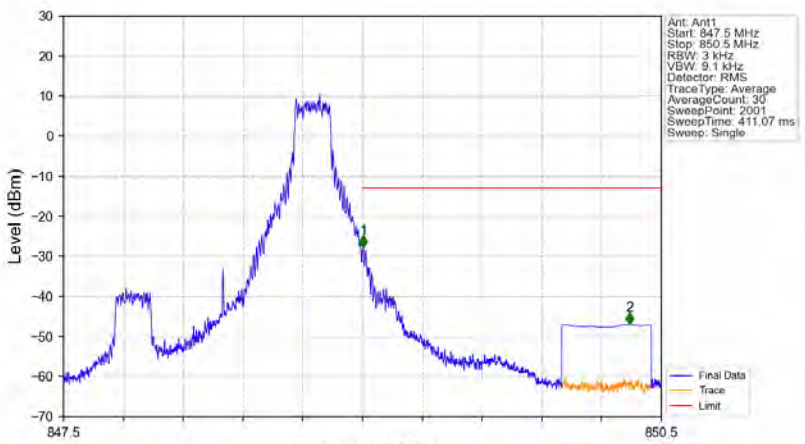
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

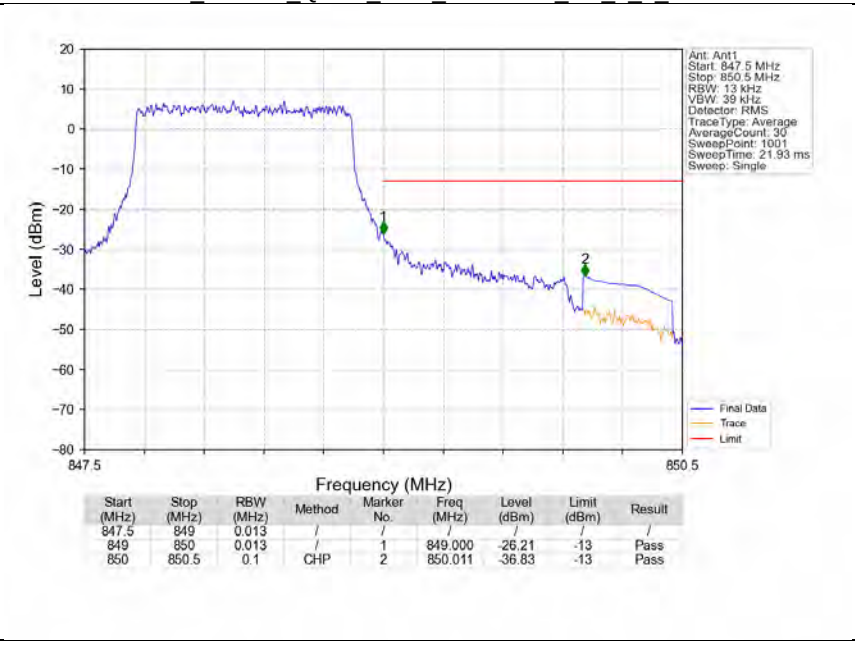


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



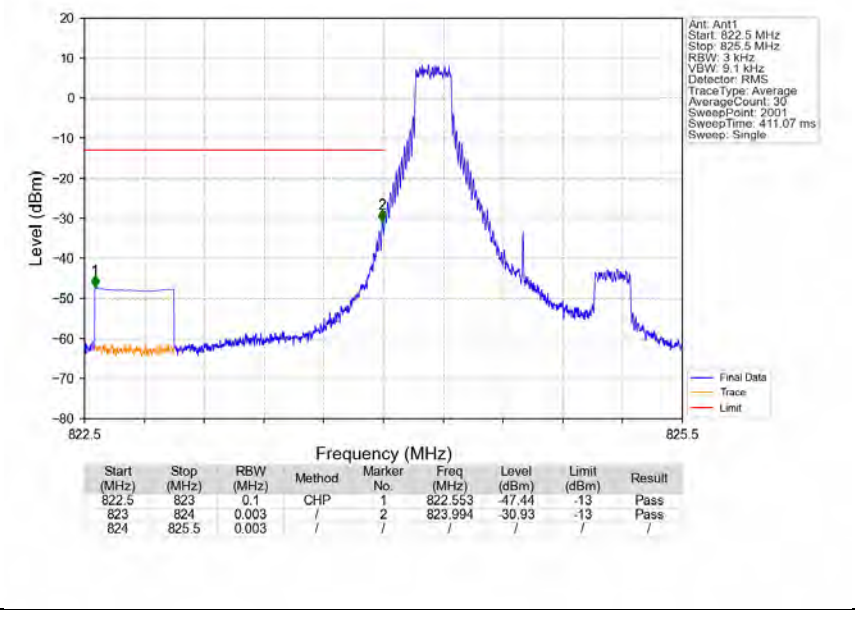
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-27.84	-13	Pass
850	850.5	0.1	CHP	2	850.341	-47.03	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



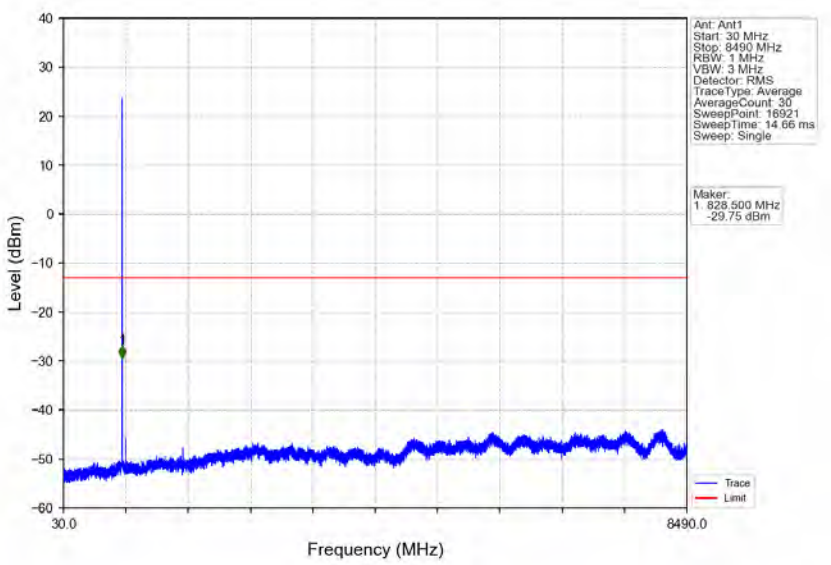
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.000	-26.21	-13	Pass
850	850.5	0.1	CHP	2	850.011	-36.83	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

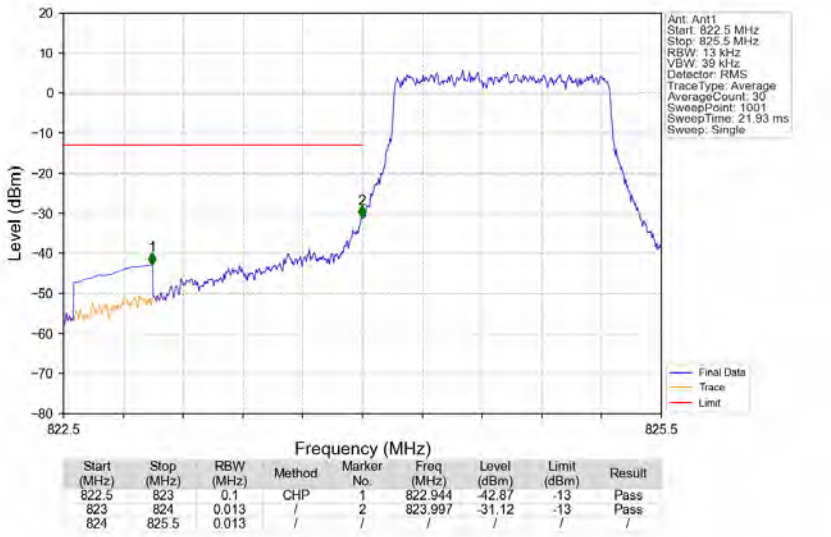


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.553	-47.44	-13	Pass
823	824	0.003	/	2	823.994	-30.93	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

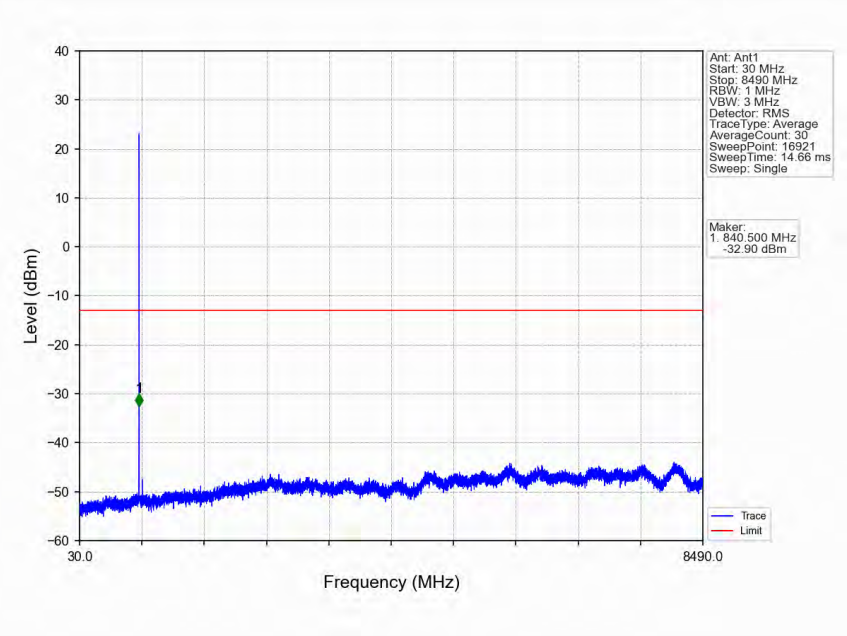


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

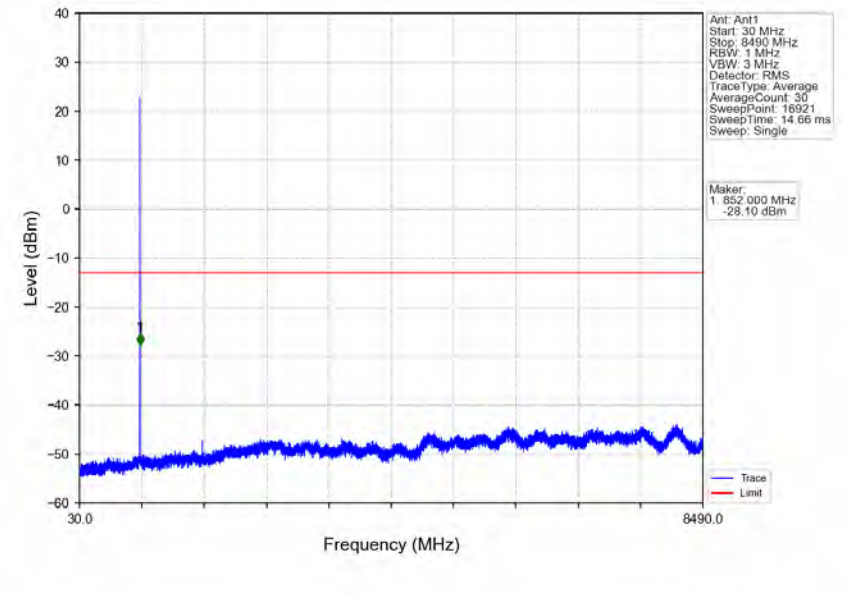


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.944	-42.87	-13	Pass
823	824	0.013	/	2	823.997	-31.12	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

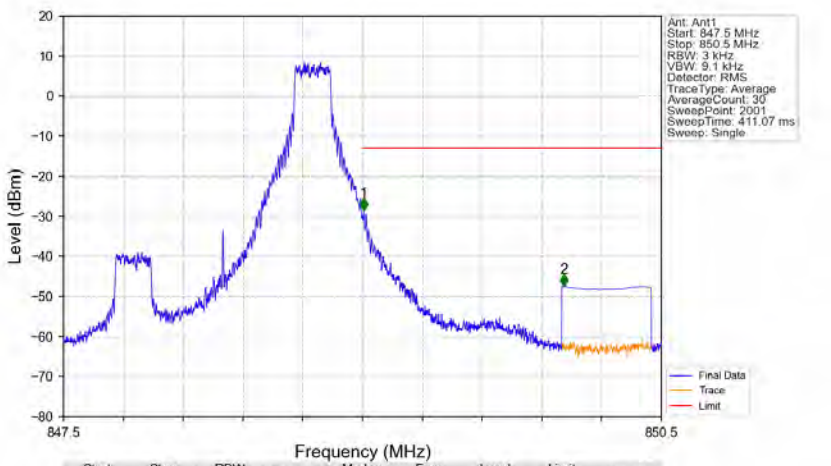
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

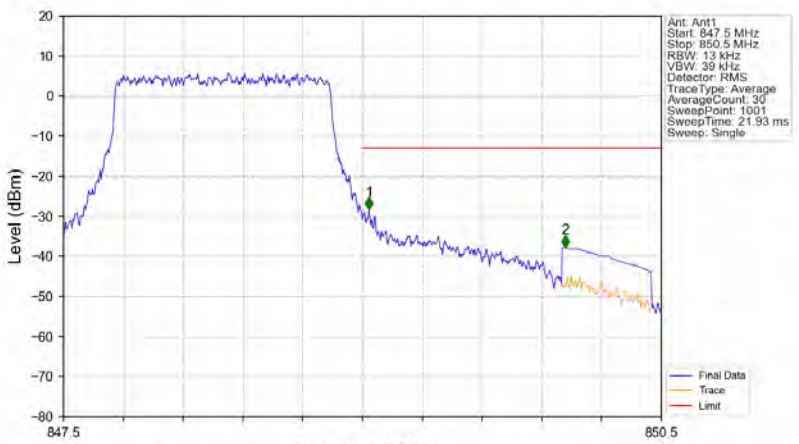


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



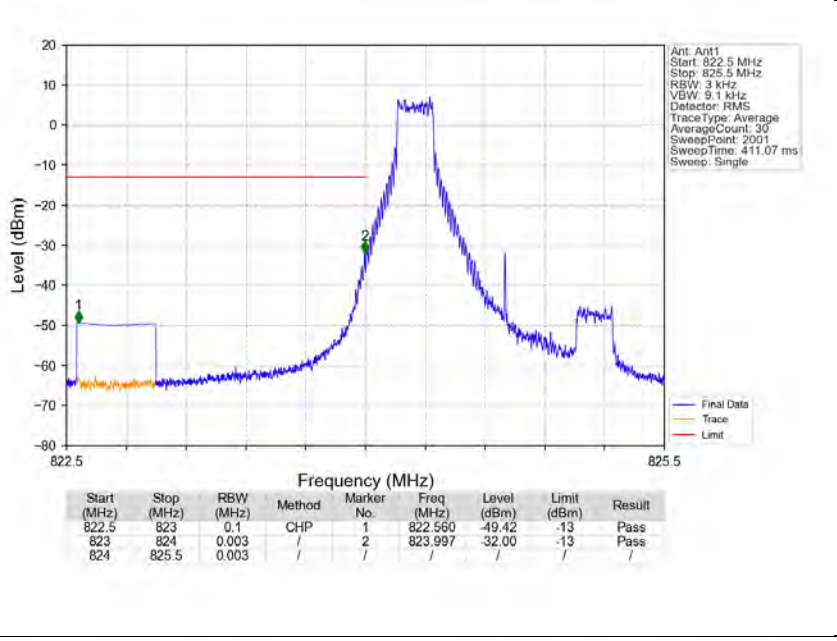
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-28.54	-13	Pass
850	850.5	0.1	CHP	2	850.011	-47.53	-13	Pass

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



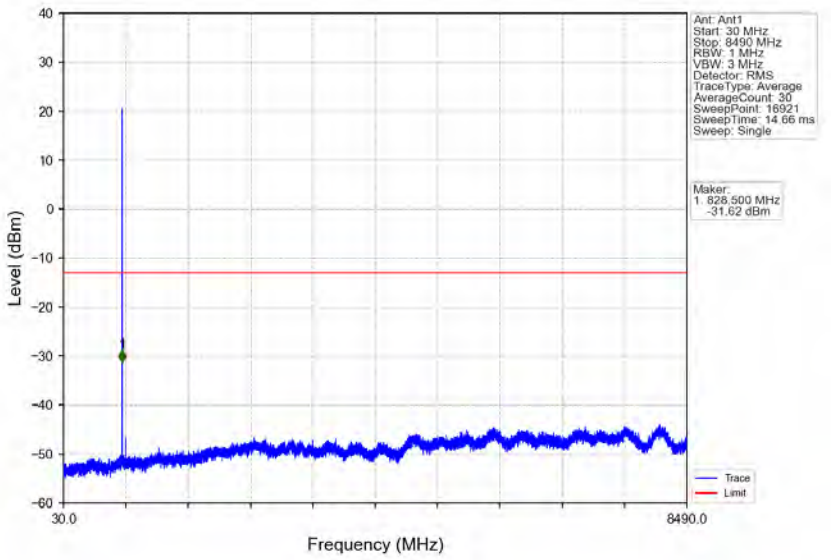
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.033	-28.38	-13	Pass
850	850.5	0.1	CHP	2	850.017	-37.79	-13	Pass

Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

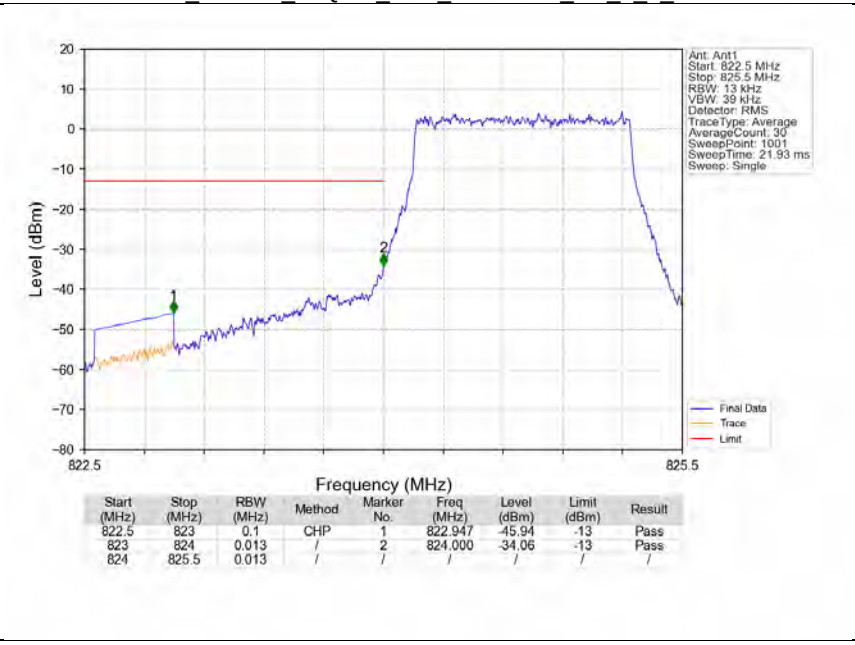


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.560	-49.42	-13	Pass
823	824	0.003	/	2	823.997	-32.00	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

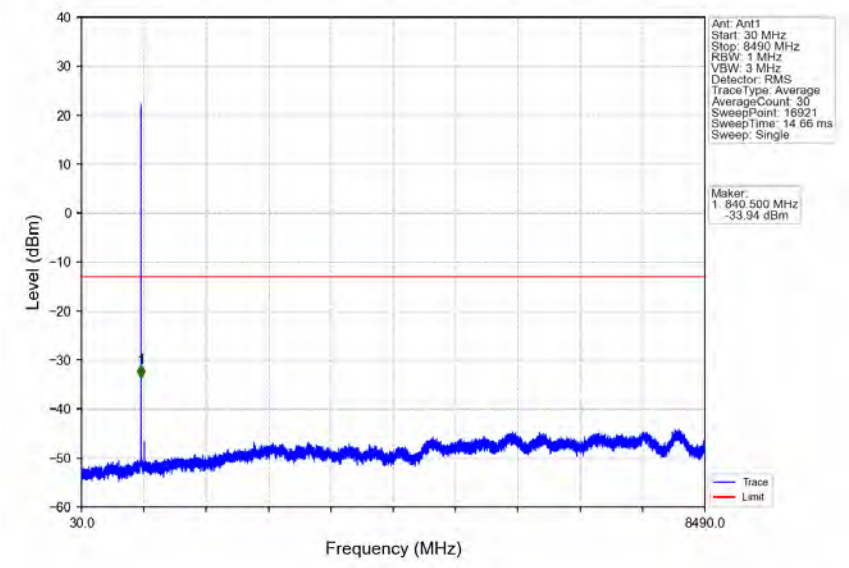


Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV

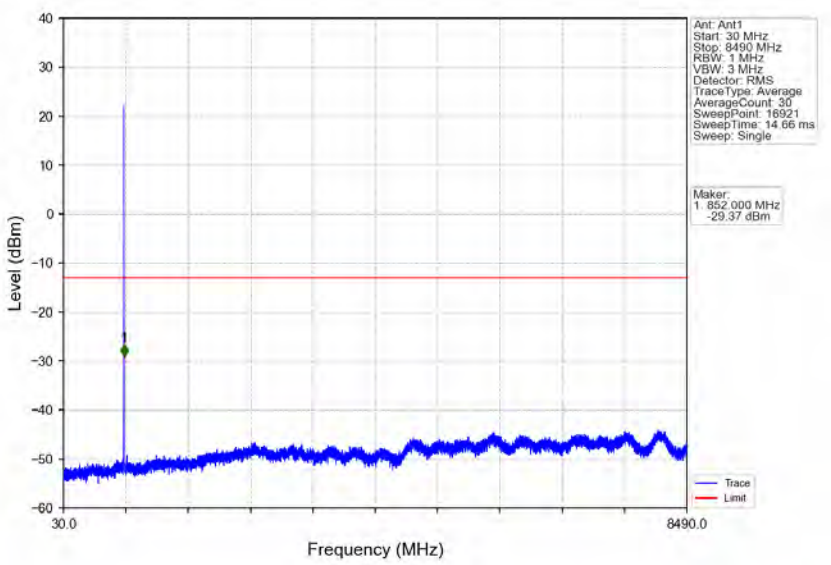


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-45.94	-13	Pass
823	824	0.013	/	2	824.000	-34.06	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

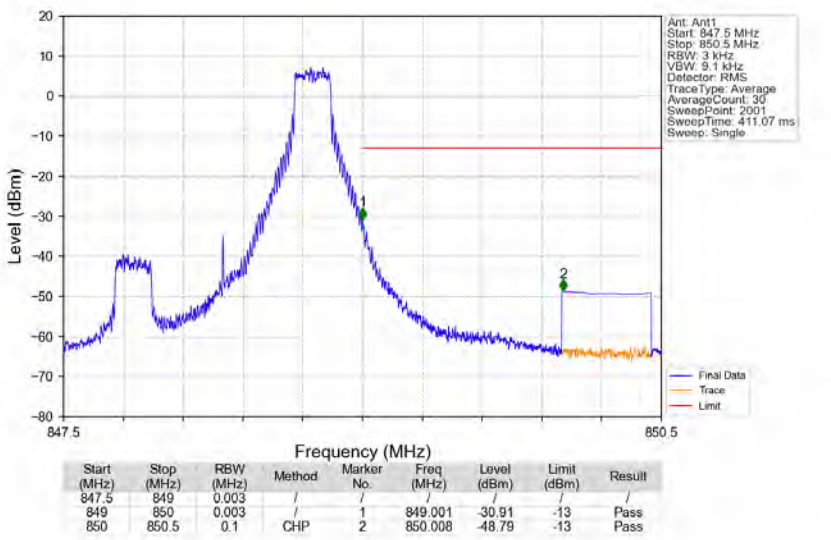
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_0_NTNV

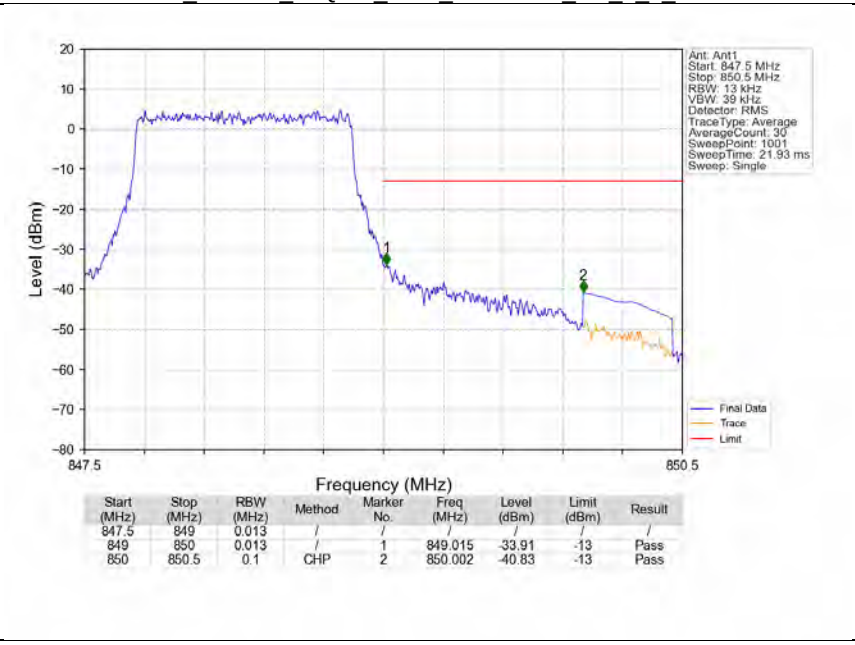


Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-30.91	-13	Pass
850	850.5	0.1	CHP	2	850.008	-48.79	-13	Pass

Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.015	-33.91	-13	Pass
850	850.5	0.1	CHP	2	850.002	-40.83	-13	Pass

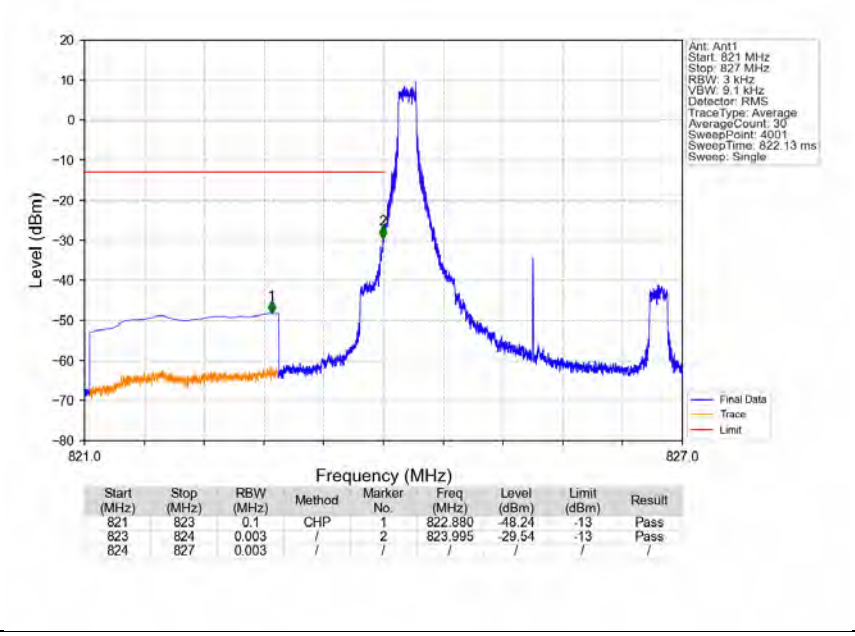
6.2 B5_3MHz

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
64QAM	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

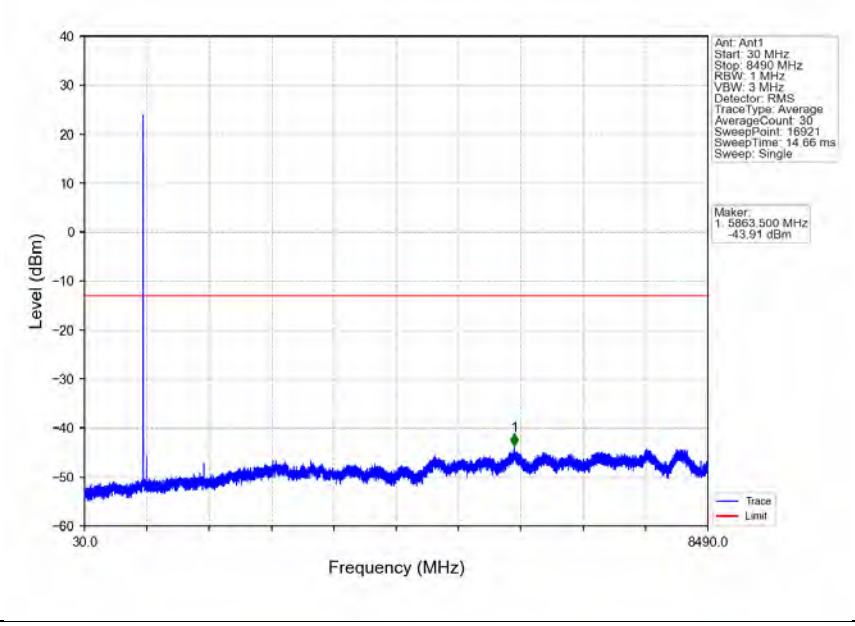
6.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

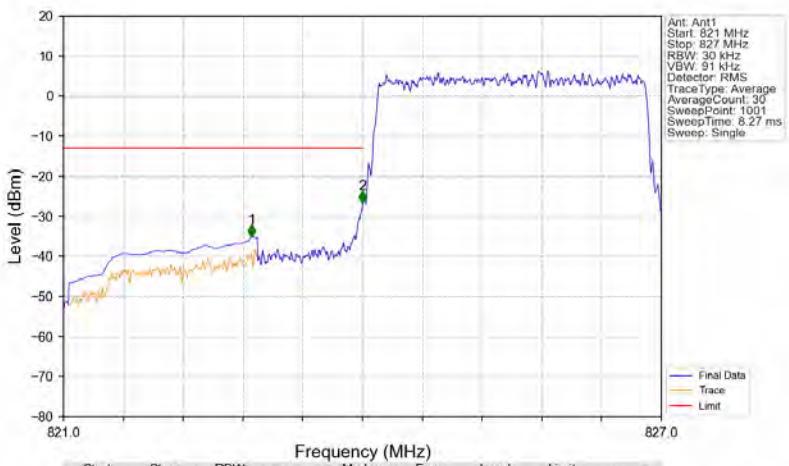


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.880	-48.24	-13	Pass
823	824	0.003	/	2	823.995	-29.54	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

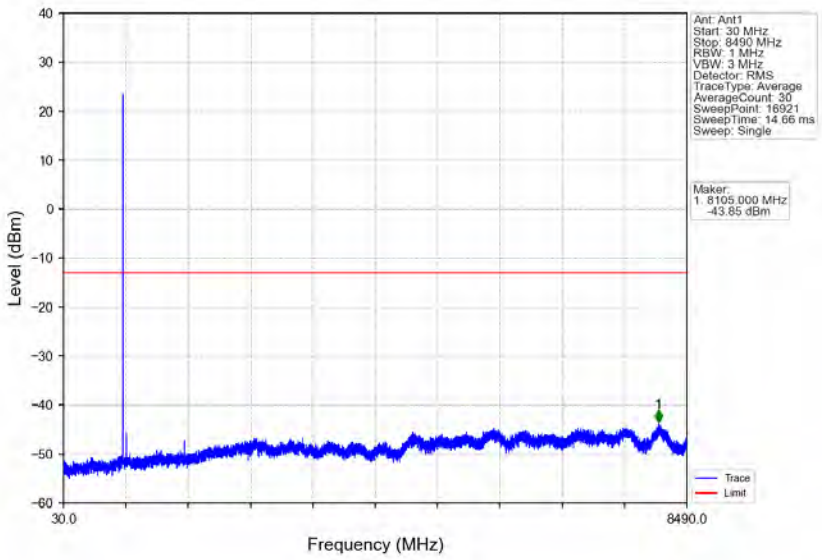


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

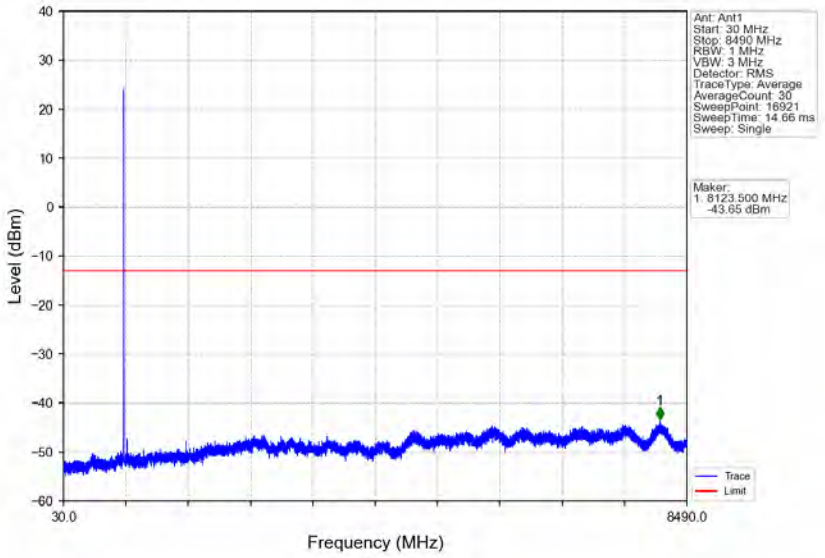


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.890	-35.22	-13	Pass
823	824	0.03	/	2	824.000	-26.79	-13	Pass
824	827	0.03	/	/	/	/	/	/

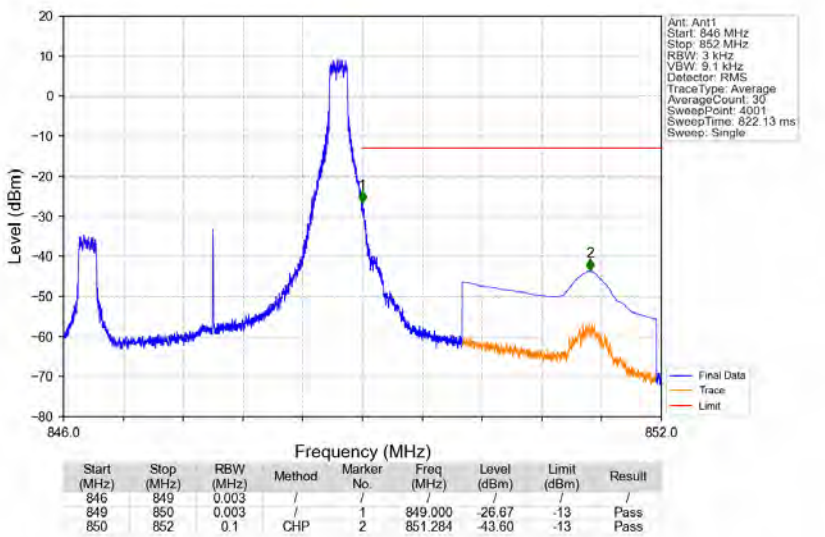
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

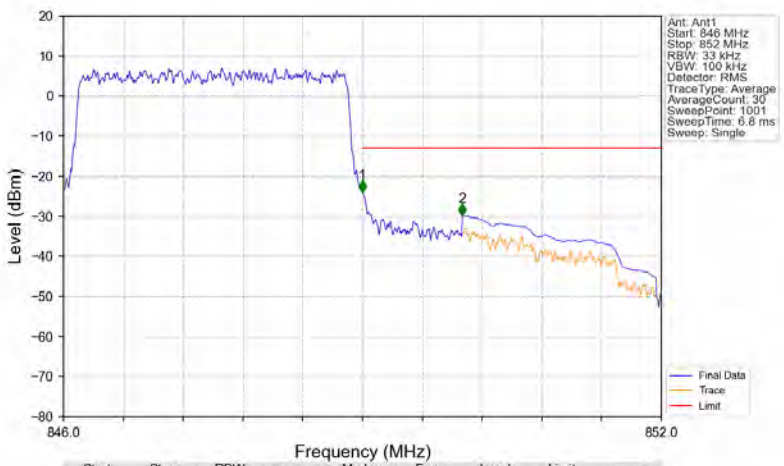


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



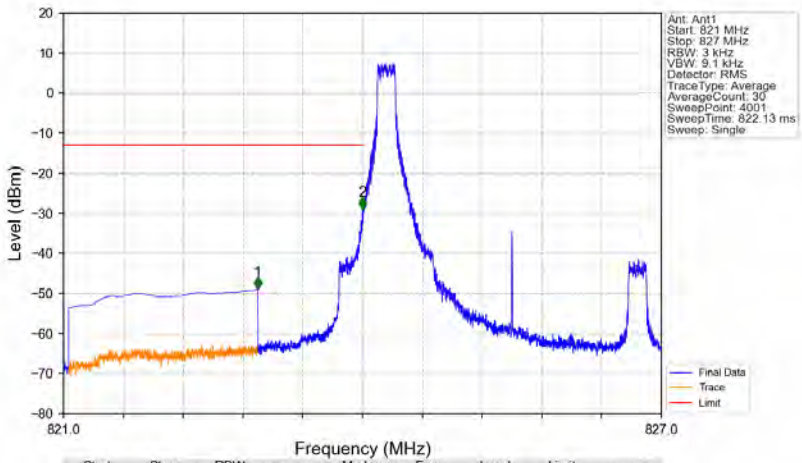
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-26.67	-13	Pass
850	852	0.1	CHP	2	851.284	-43.60	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



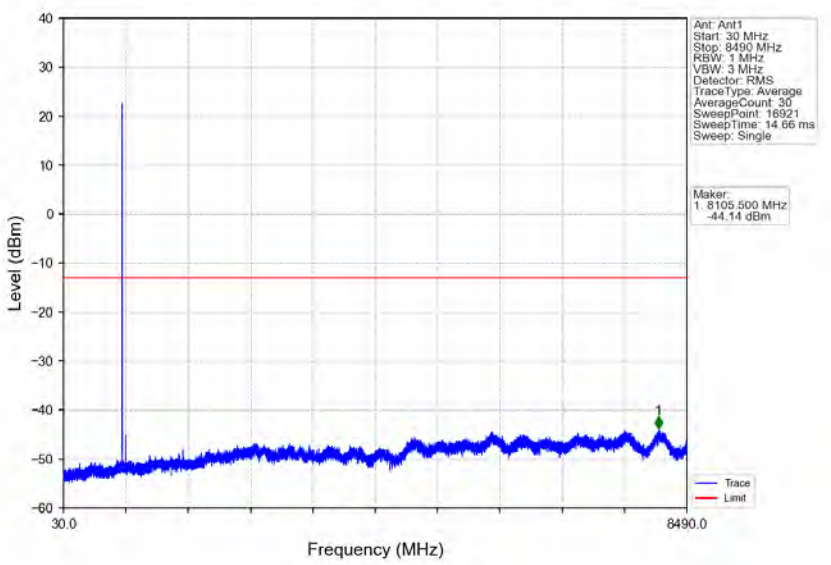
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-24.06	-13	Pass
850	852	0.1	CHP	2	850.002	-29.86	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

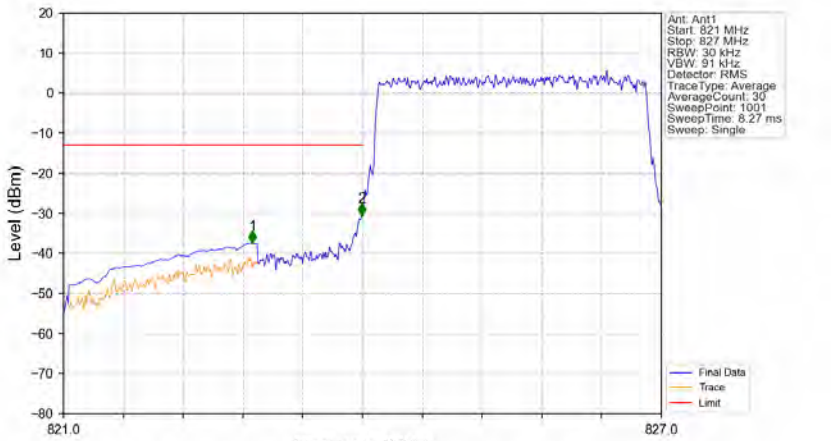


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-49.02	-13	Pass
823	824	0.003	/	2	824.000	-29.06	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

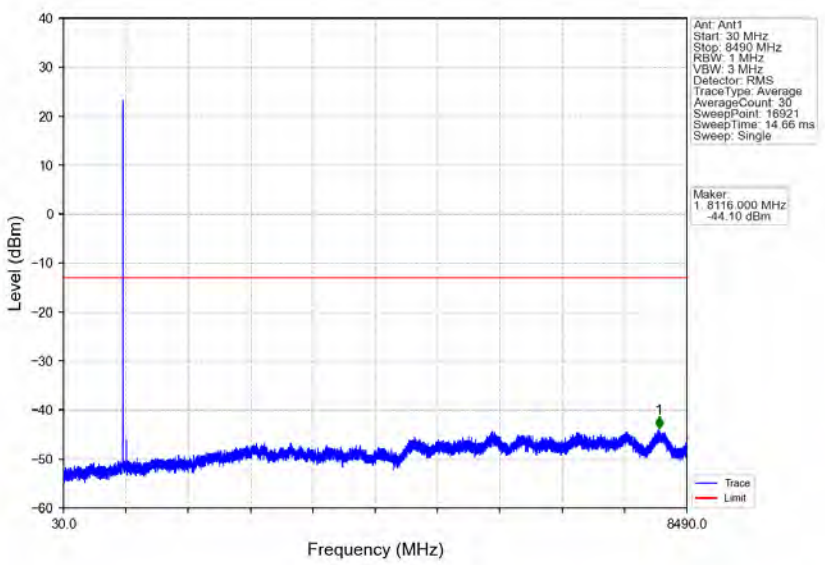


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

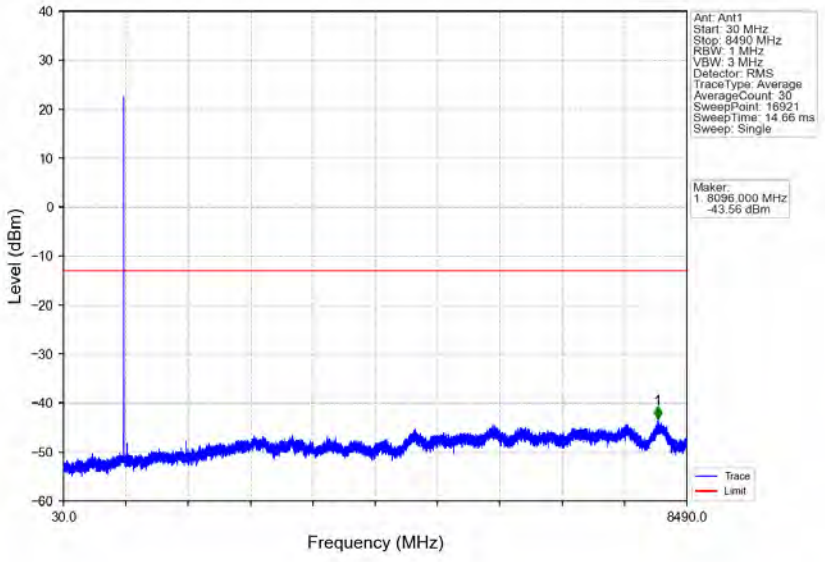


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.896	-37.44	-13	Pass
823	824	0.03	/	2	823.994	-30.70	-13	Pass
824	827	0.03	/	/	/	/	/	/

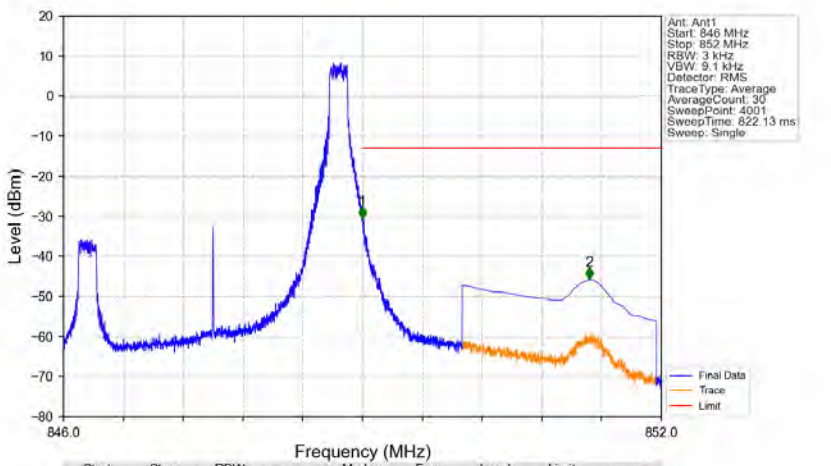
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

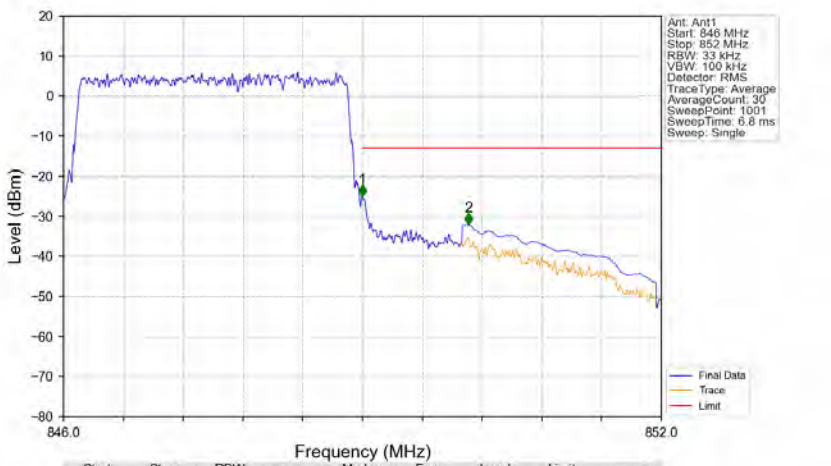


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



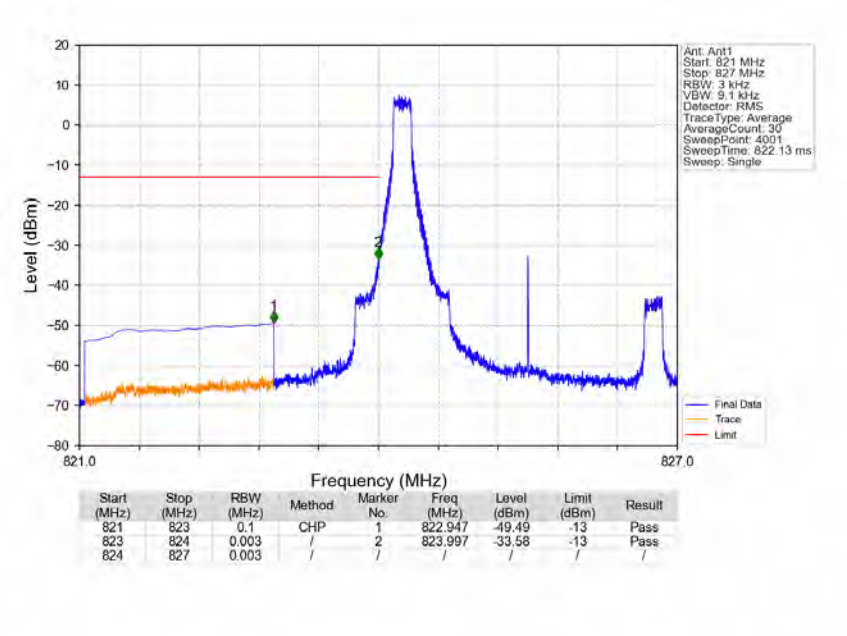
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-30.56	-13	Pass
850	852	0.1	CHP	2	851.279	-45.81	-13	Pass

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



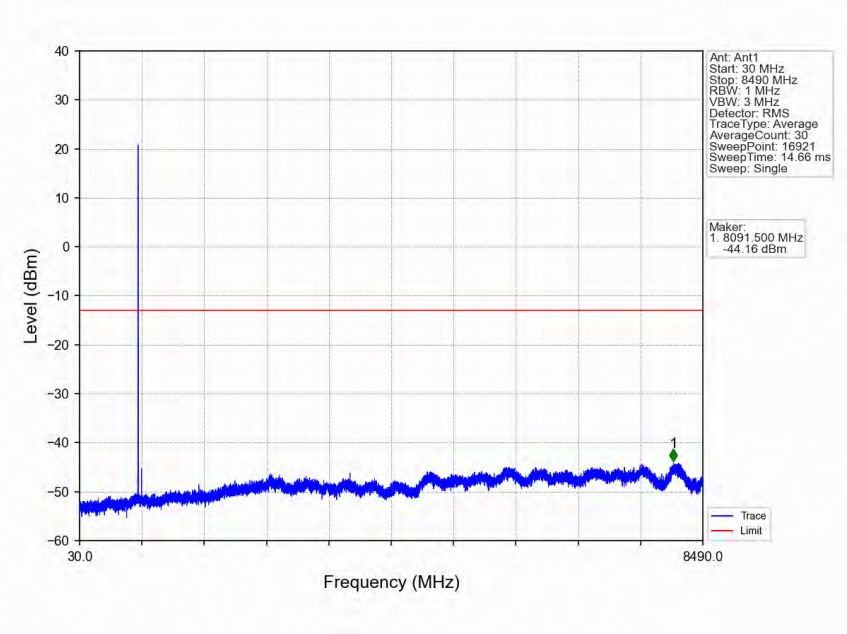
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-25.12	-13	Pass
850	852	0.1	CHP	2	850.062	-32.17	-13	Pass

Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

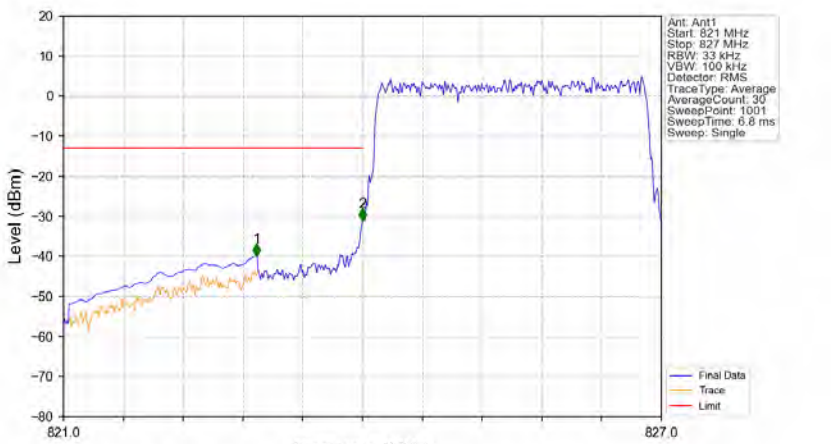


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.947	-49.49	-13	Pass
823	824	0.003	/	2	823.997	-33.58	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

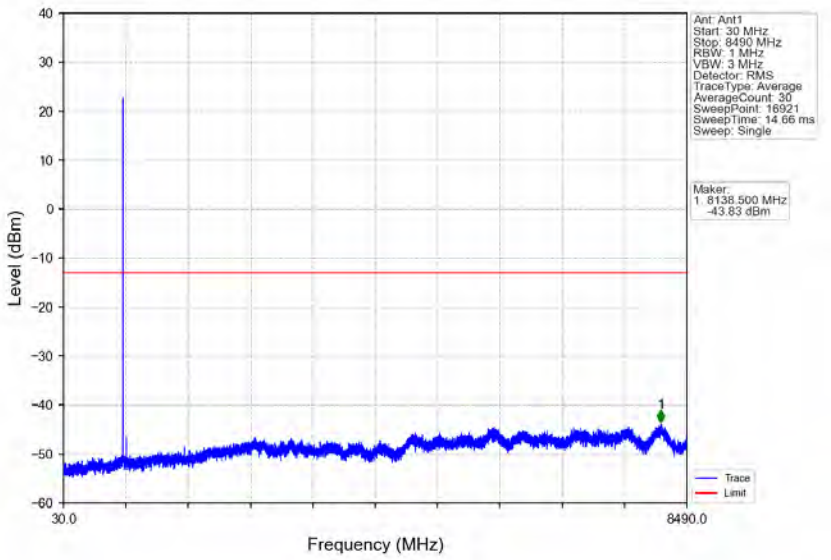


Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV

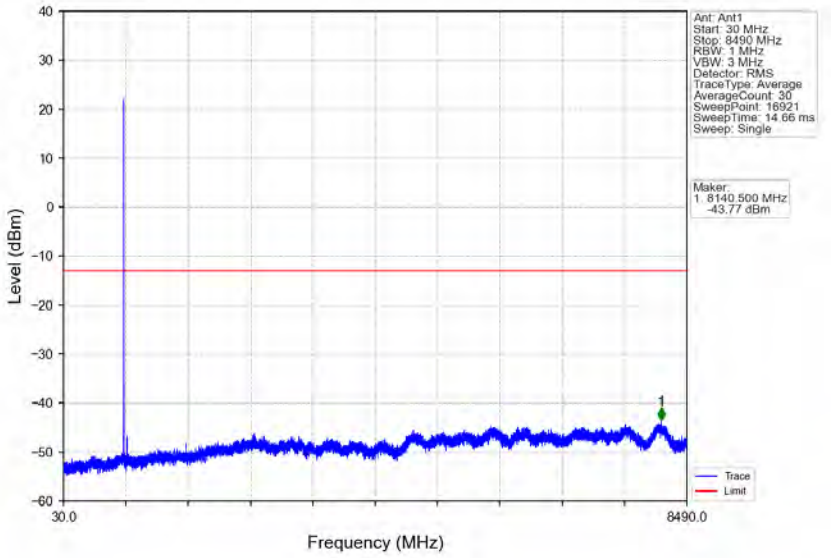


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.938	-39.99	-13	Pass
823	824	0.033	/	2	824.000	-31.21	-13	Pass
824	827	0.033	/	/	/	/	/	/

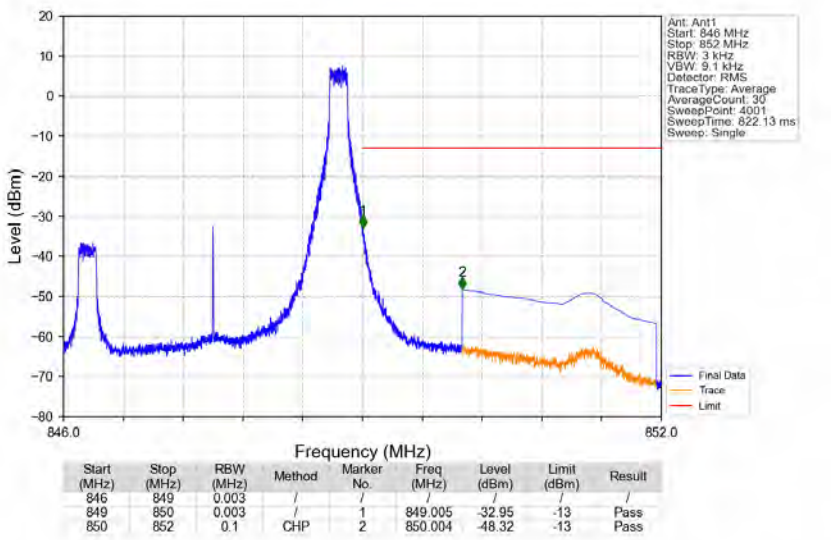
Band5_3MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_0_NTNV

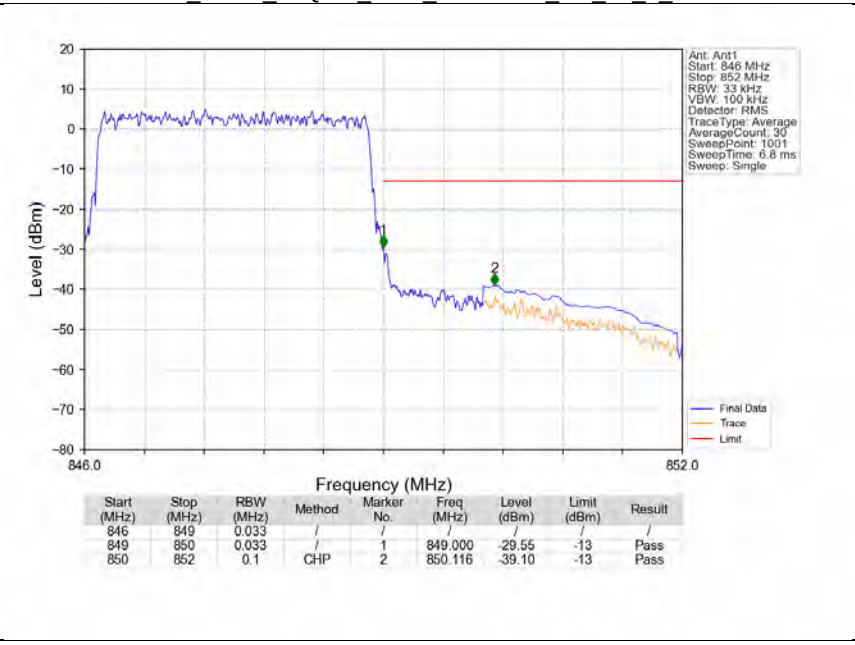


Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-32.95	-13	Pass
850	852	0.1	CHP	2	850.004	-48.32	-13	Pass

Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



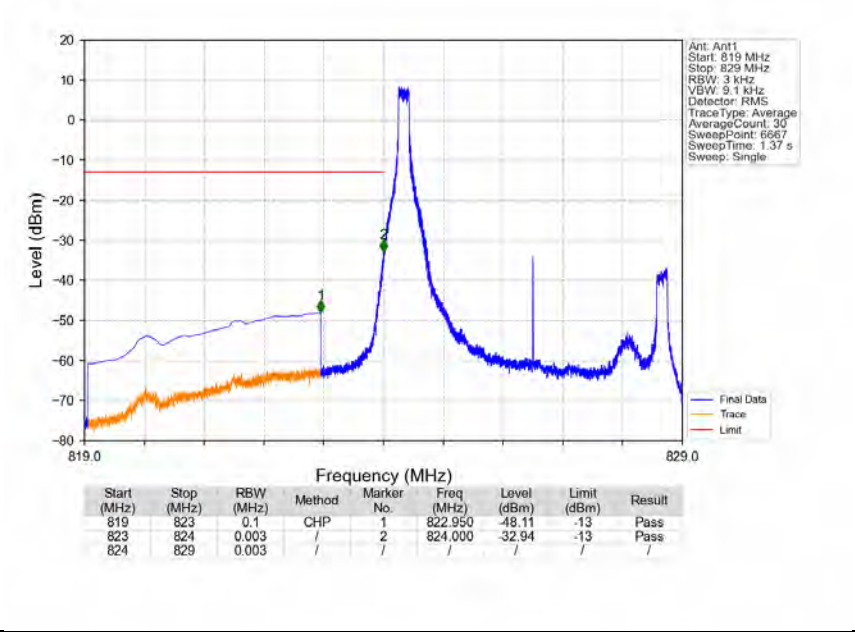
6.3 B5_5MHz

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
64QAM	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

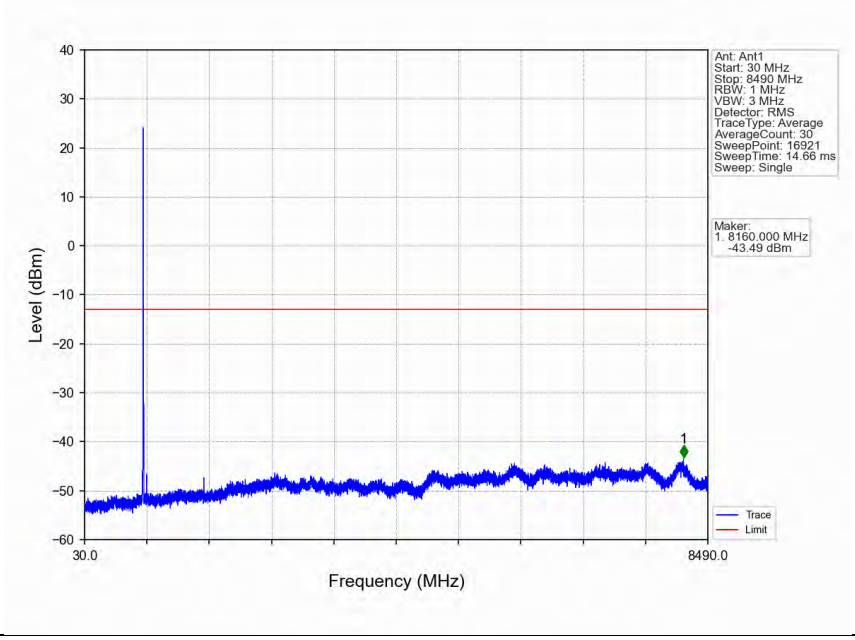
6.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

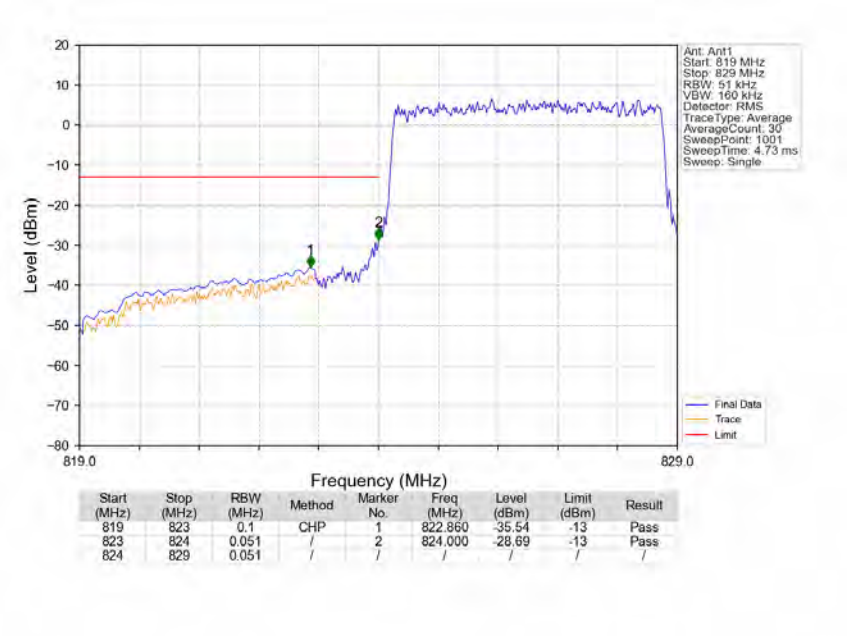


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-48.11	-13	Pass
823	824	0.003	/	2	824.000	-32.94	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

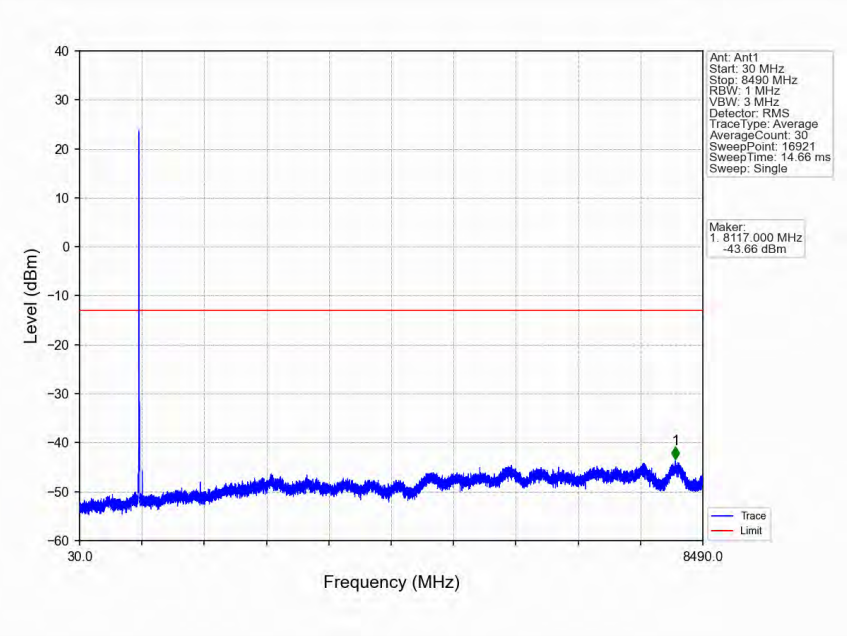


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

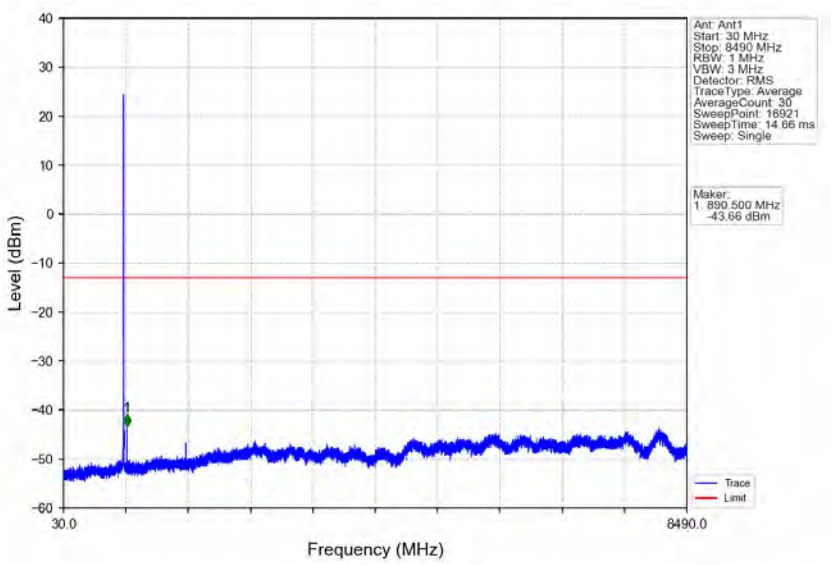


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.860	-35.54	-13	Pass
823	824	0.051	/	2	824.000	-28.69	-13	Pass
824	829	0.051	/	/	/	/	/	/

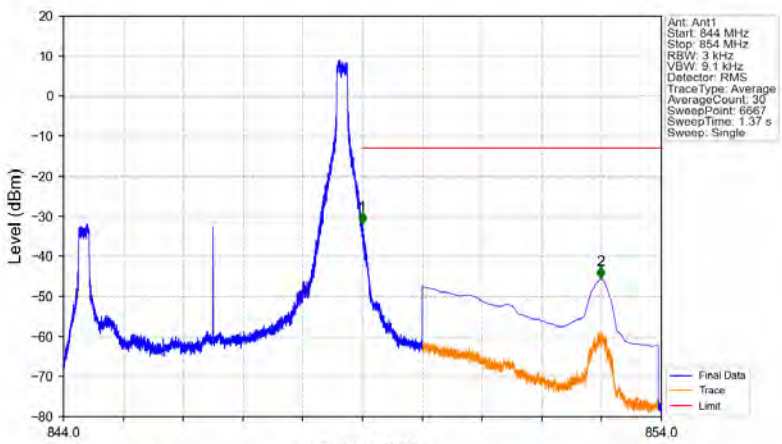
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

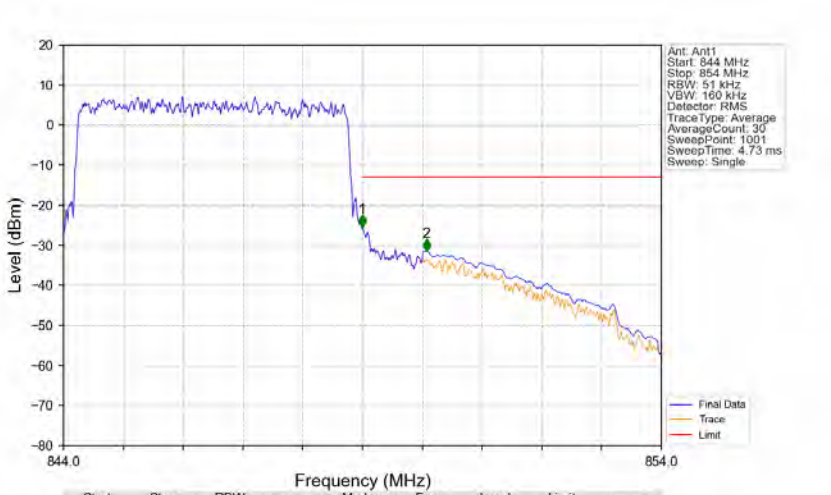


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



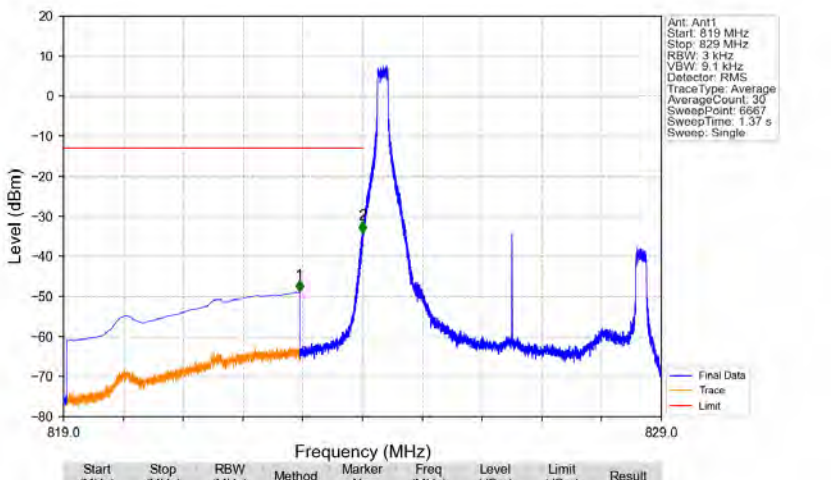
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-32.03	-13	Pass
850	854	0.1	CHP	2	852.983	-45.64	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



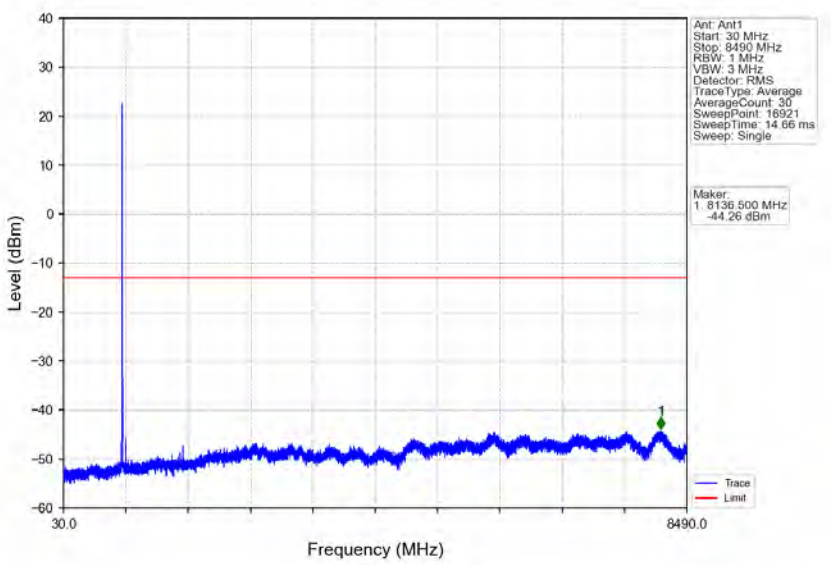
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-25.42	-13	Pass
850	854	0.1	CHP	2	850.070	-31.44	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

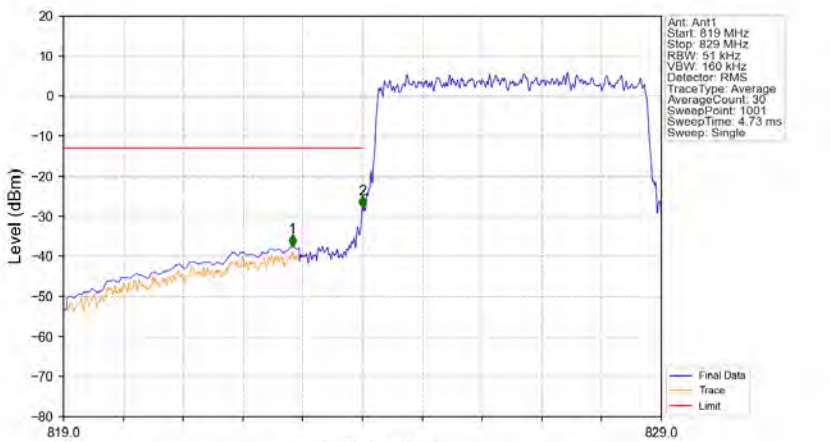


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.945	-48.95	-13	Pass
823	824	0.003	/	2	824.000	-34.26	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

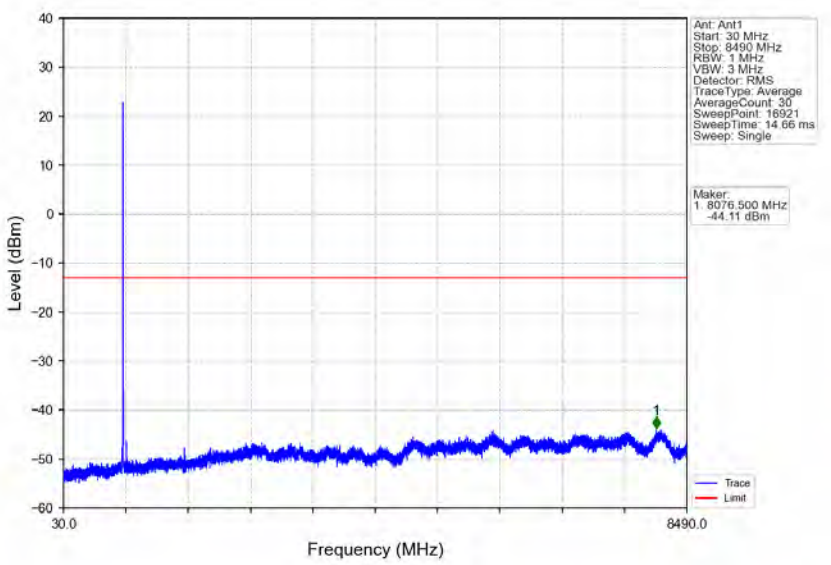


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

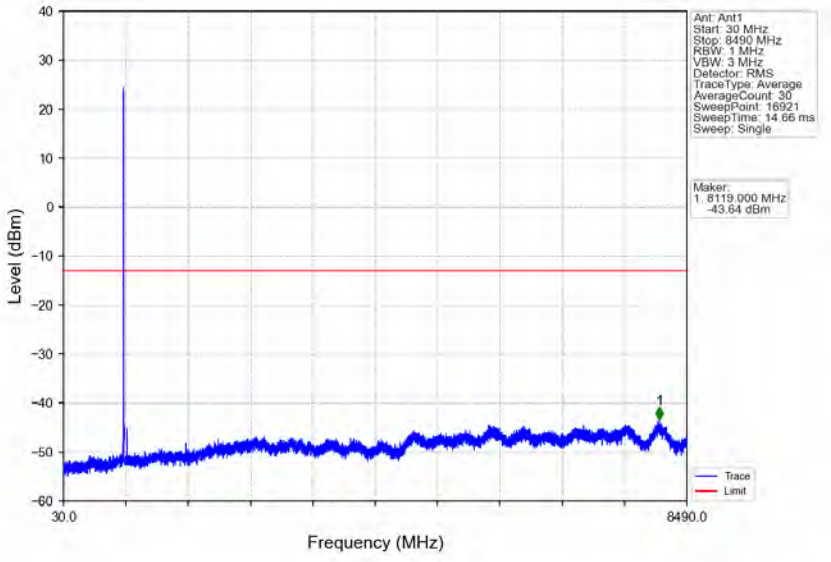


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.830	-37.59	-13	Pass
823	824	0.051	/	2	824.000	-28.03	-13	Pass
824	829	0.051	/	/	/	/	/	/

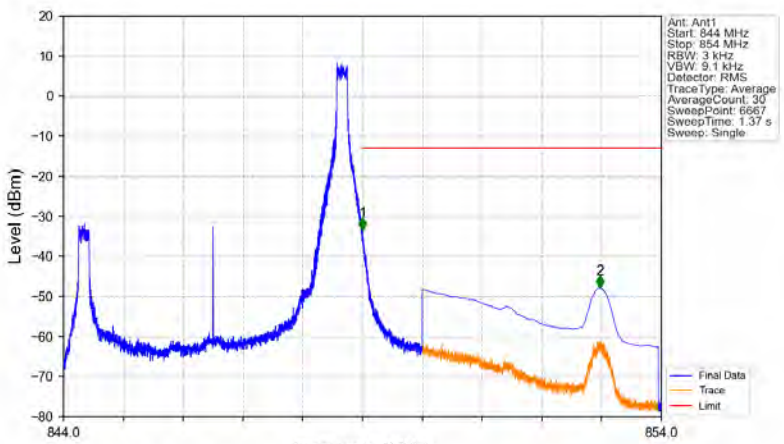
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

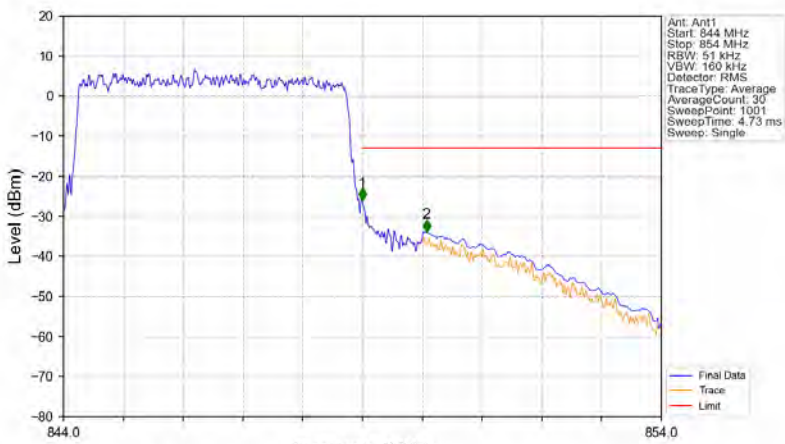


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



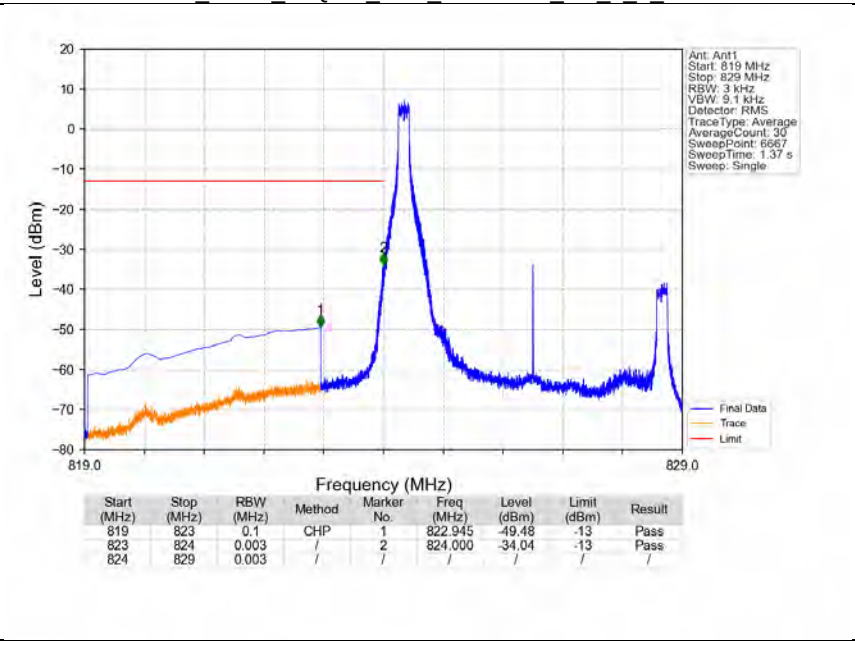
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-33.49	-13	Pass
850	854	0.1	CHP	2	852.972	-47.85	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



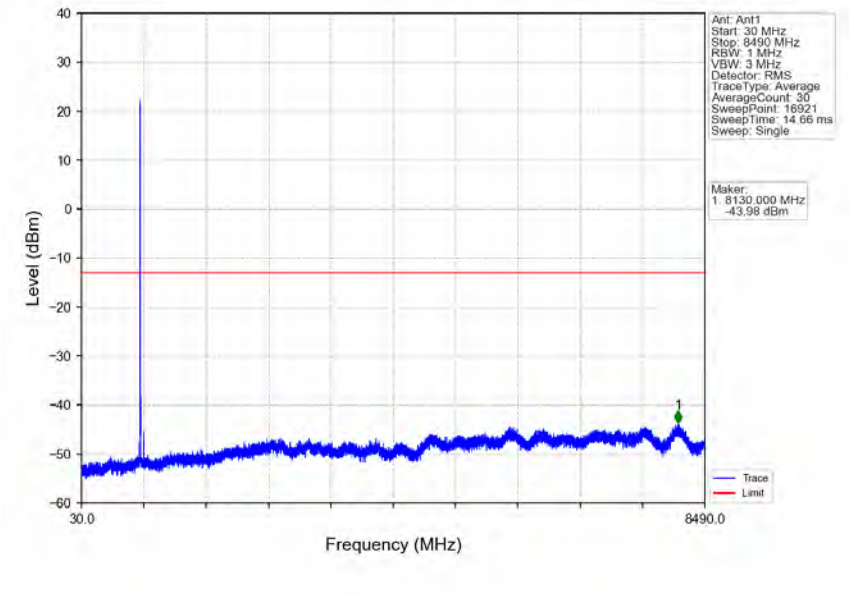
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-26.11	-13	Pass
850	854	0.1	CHP	2	850.070	-33.90	-13	Pass

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

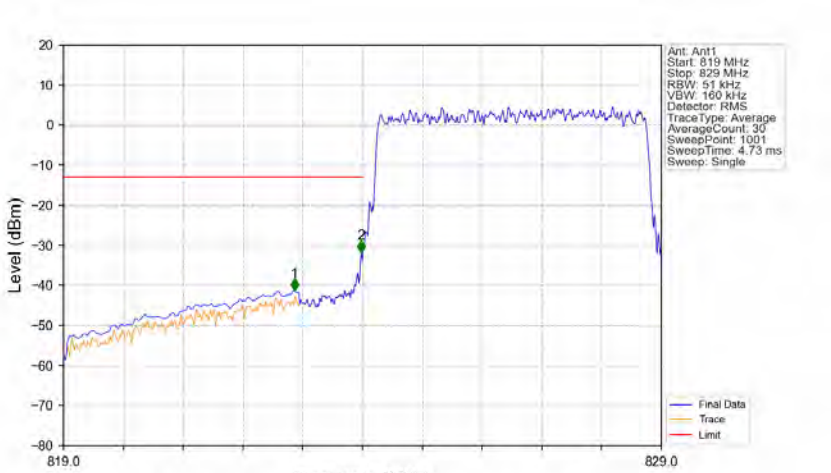


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.945	-49.48	-13	Pass
823	824	0.003	/	2	824.000	-34.04	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

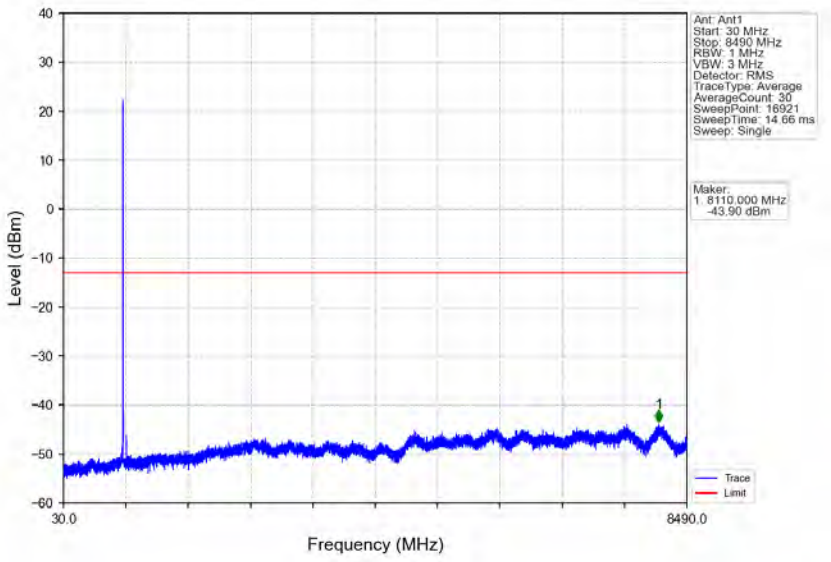


Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV

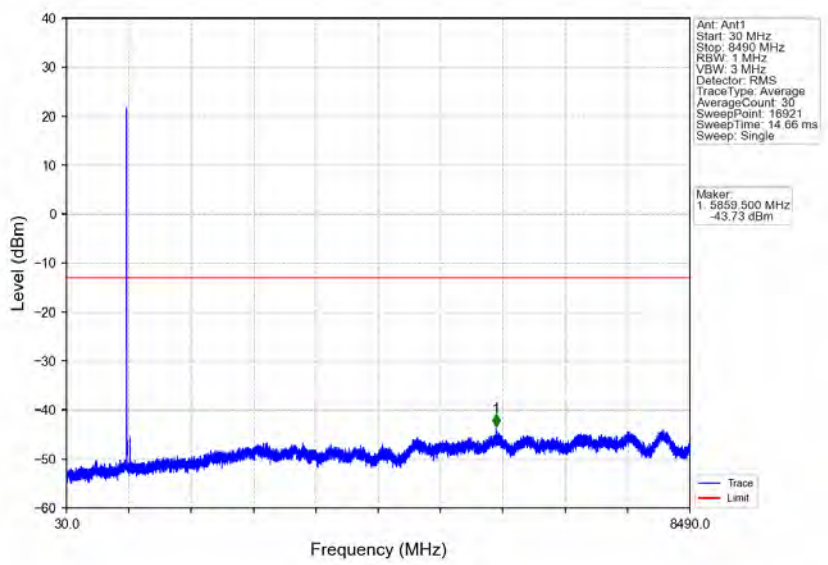


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.860	-41.36	-13	Pass
823	824	0.051	/	2	823.980	-31.83	-13	Pass
824	829	0.051	/	/	/	/	/	/

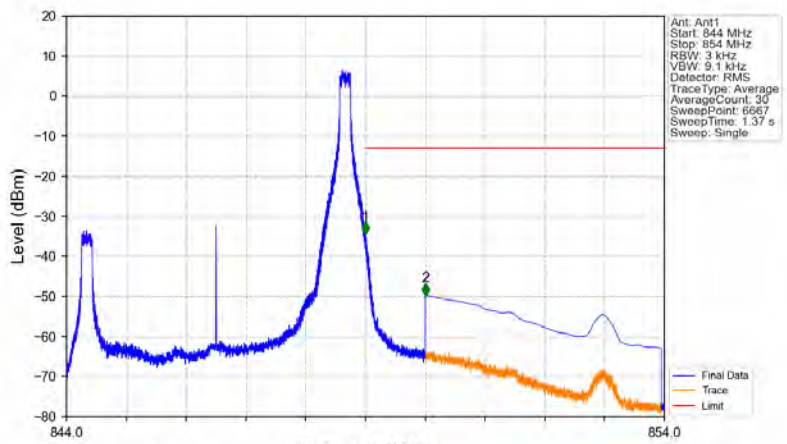
Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0_NTNV

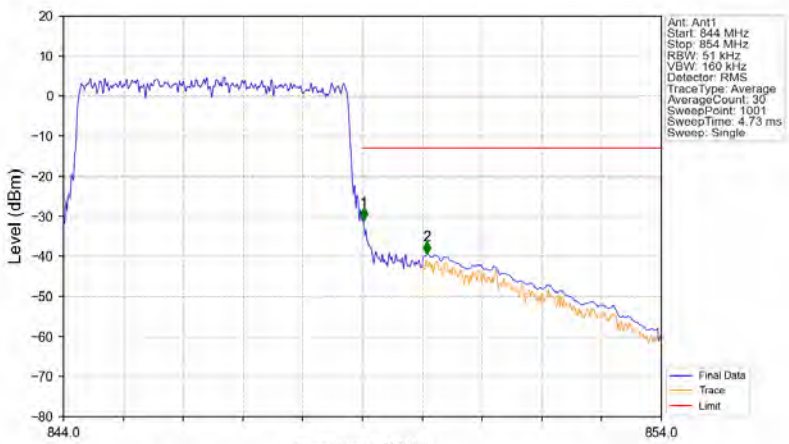


Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-34.46	-13	Pass
850	854	0.1	CHP	2	850.007	-49.75	-13	Pass

Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.020	-30.94	-13	Pass
850	854	0.1	CHP	2	850.080	-39.40	-13	Pass

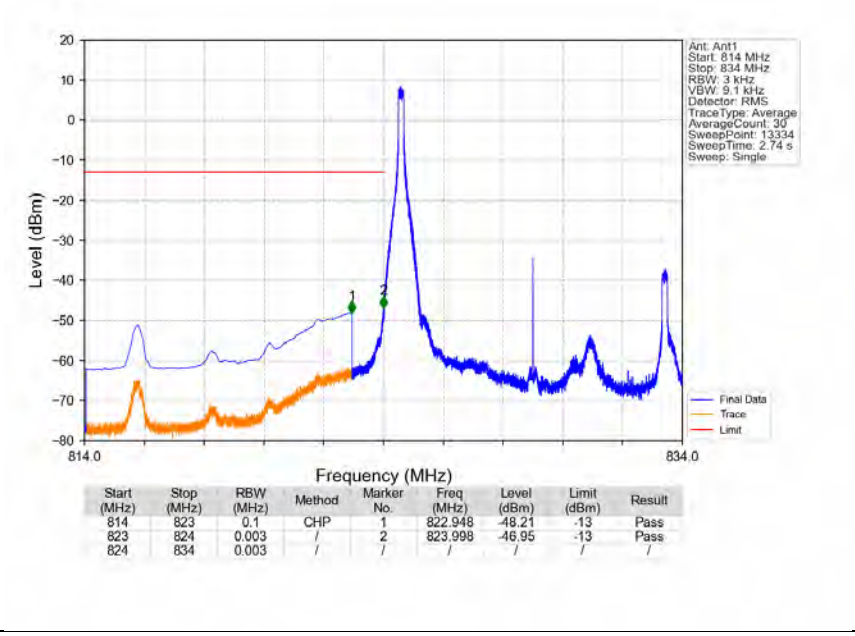
6.4 B5_10MHz

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
64QAM	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

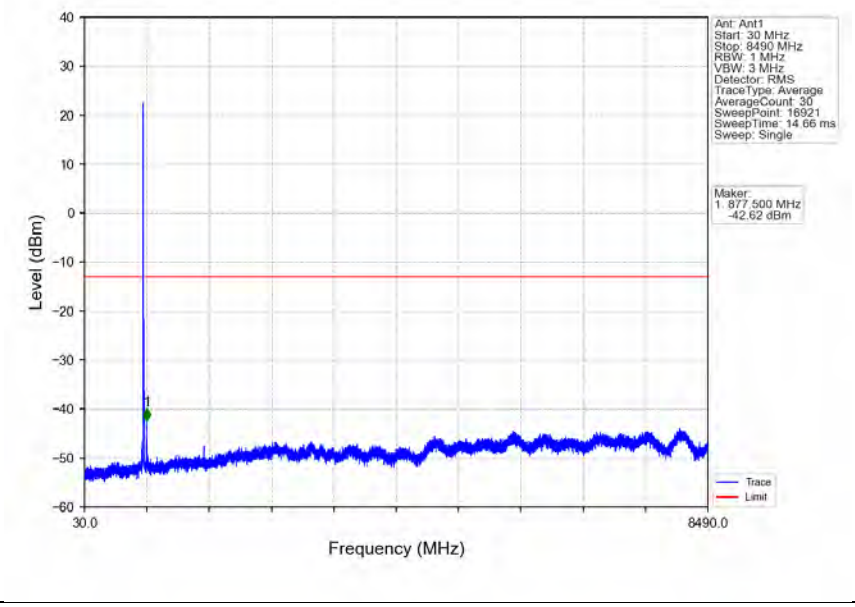
6.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

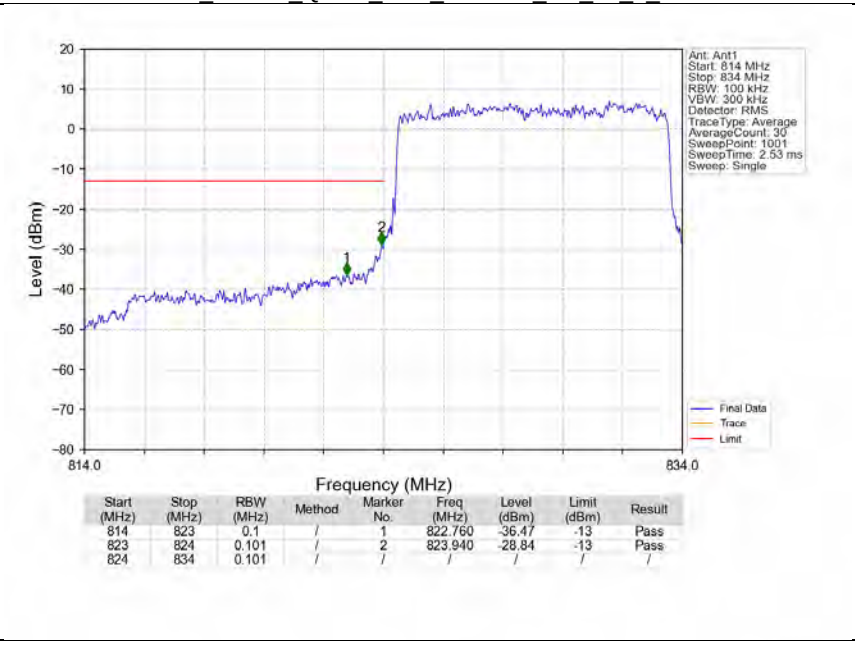


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.948	-48.21	-13	Pass
823	824	0.003	/	2	823.998	-46.95	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

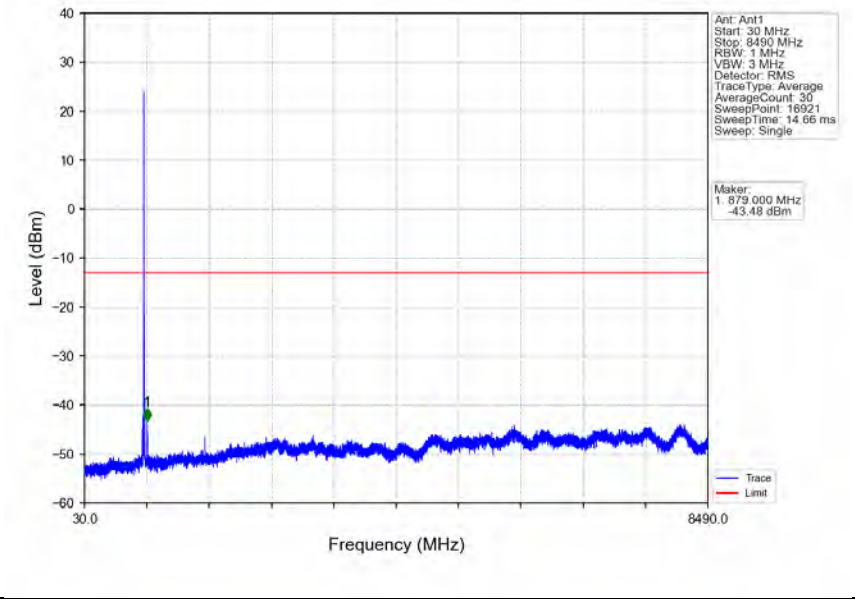


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

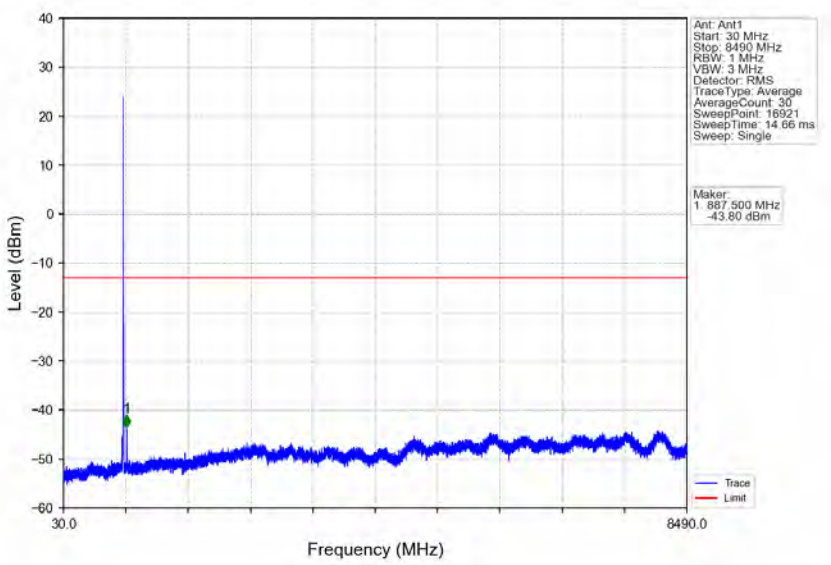


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.760	-36.47	-13	Pass
823	824	0.101	/	2	823.940	-28.84	-13	Pass
824	834	0.101	/	/	/	/	/	/

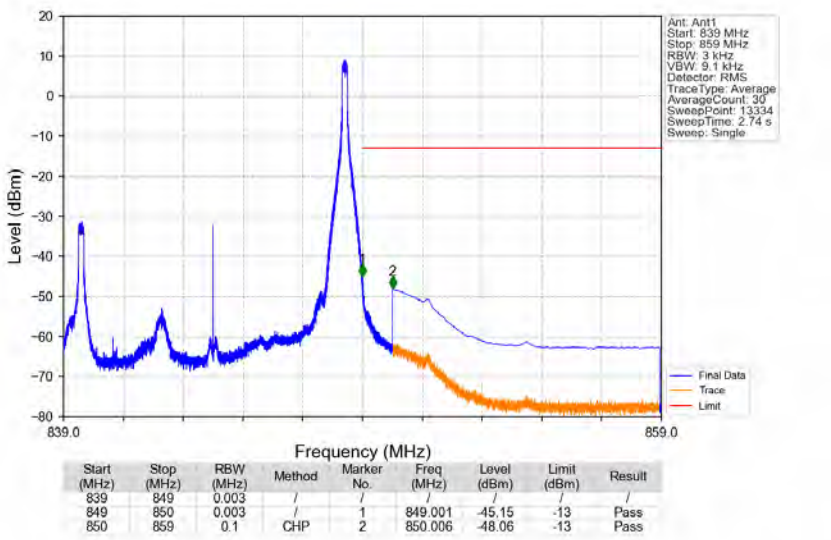
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

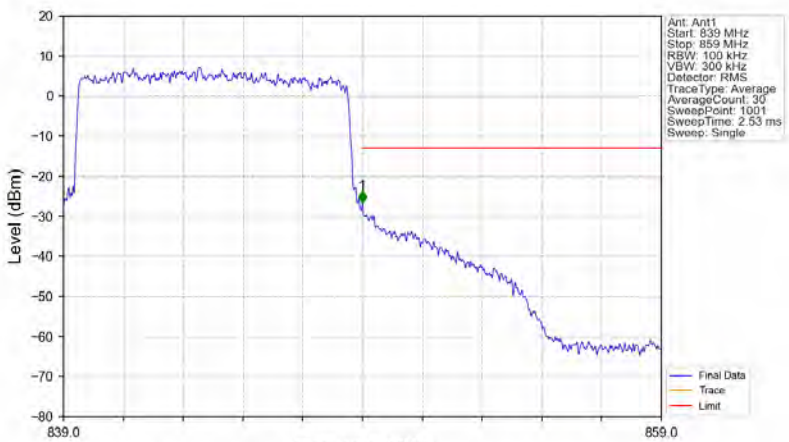


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



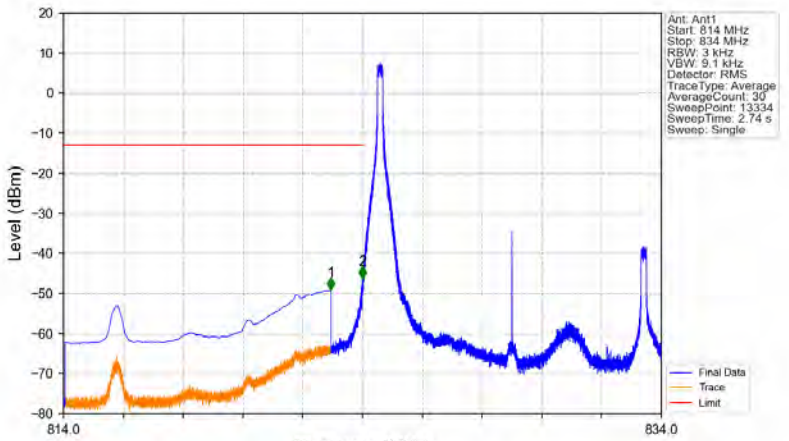
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-45.15	-13	Pass
850	859	0.1	CHP	2	850.006	-48.06	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



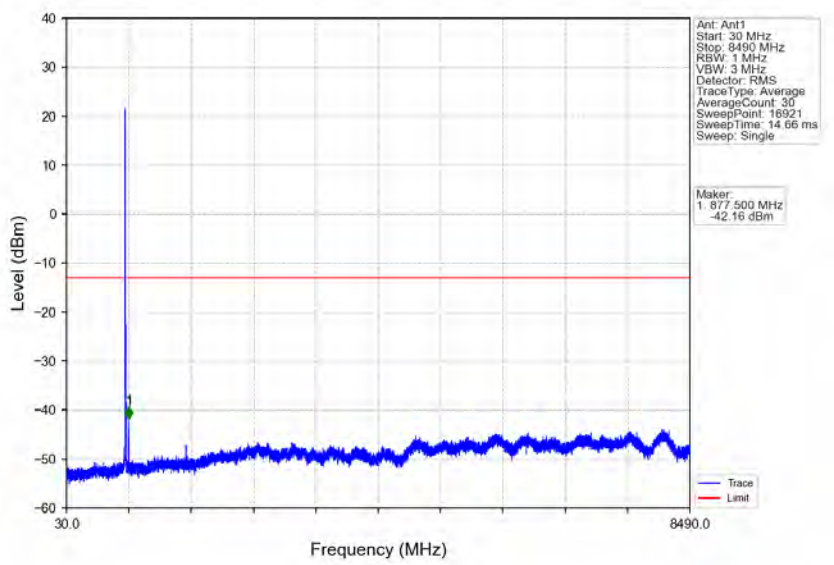
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-26.78	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

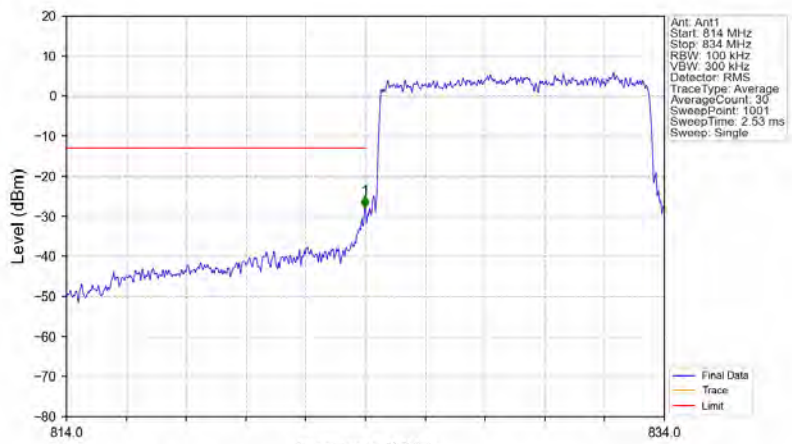


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.948	-49.17	-13	Pass
823	824	0.003	/	2	823.996	-46.30	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

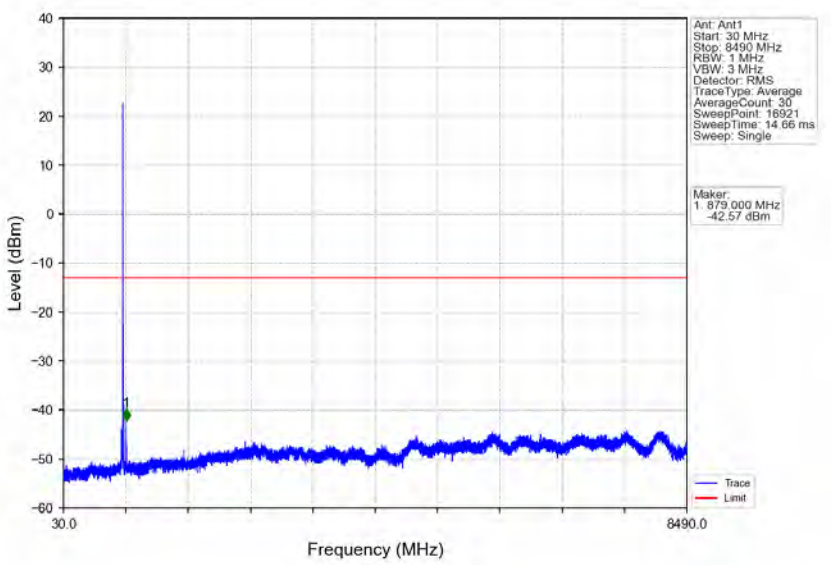


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

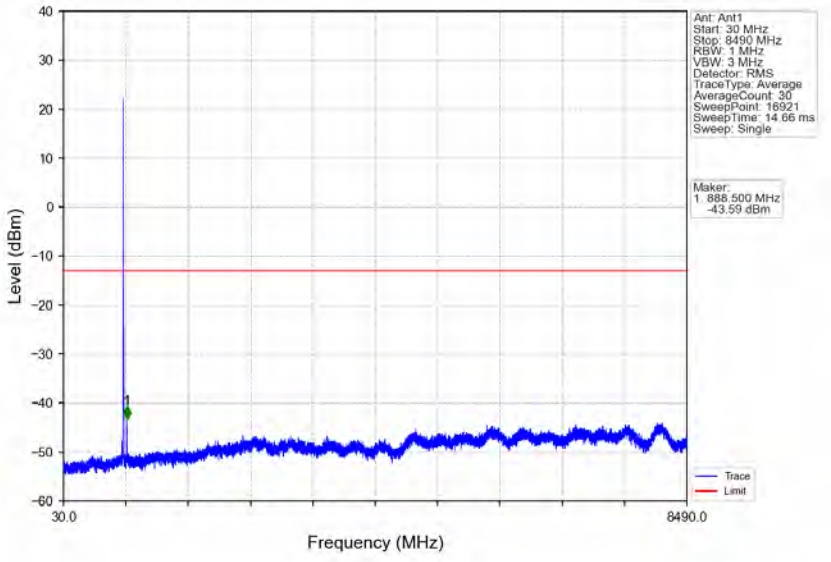


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.980	-27.94	-13	Pass
824	834	0.1	/	/	/	/	/	/

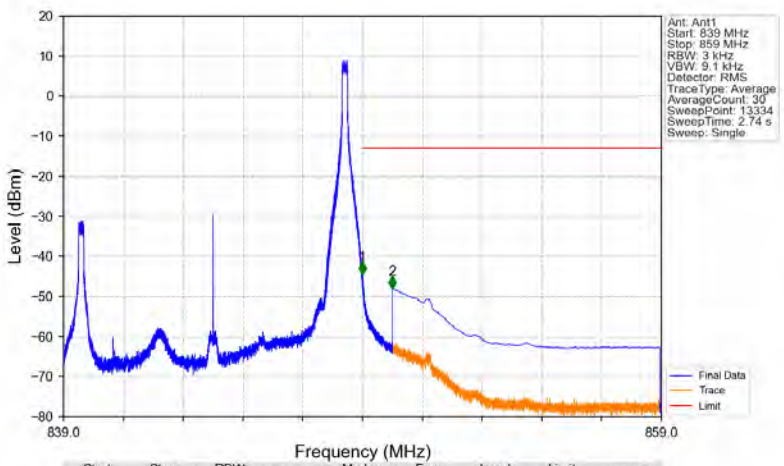
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

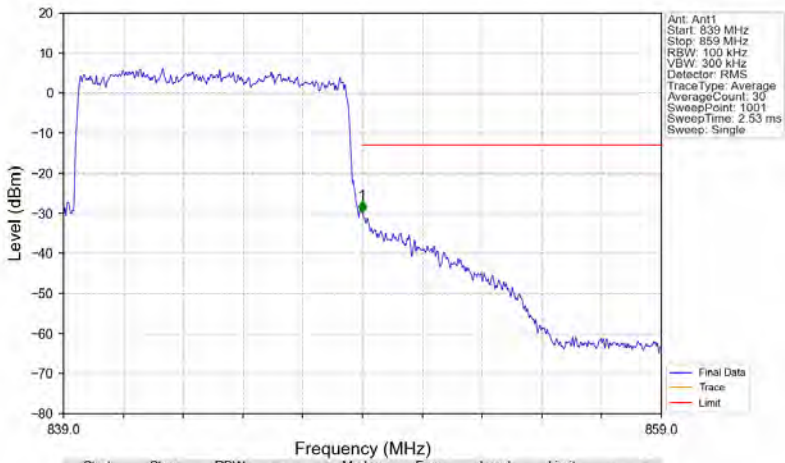


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



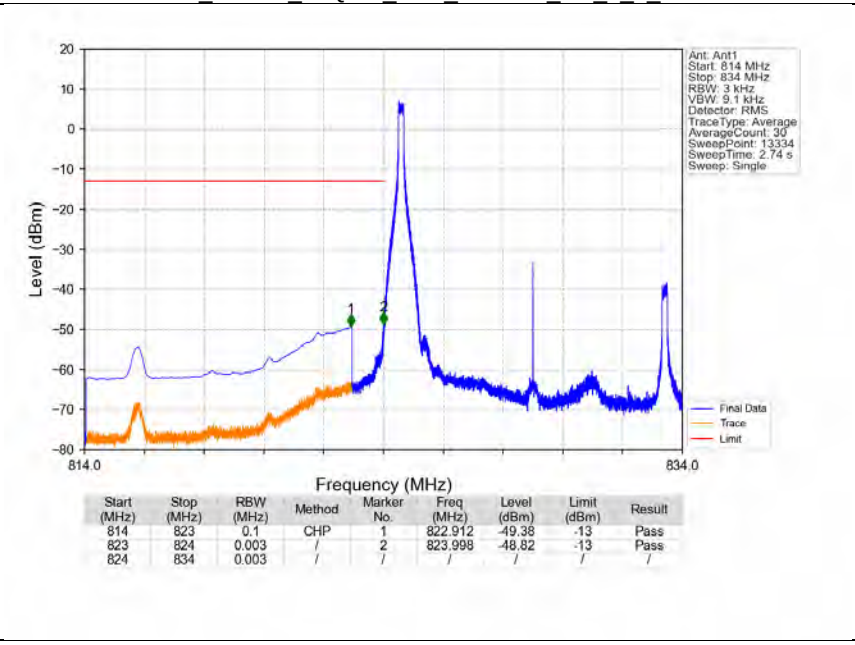
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-44.54	-13	Pass
850	859	0.1	CHP	2	850.001	-48.11	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



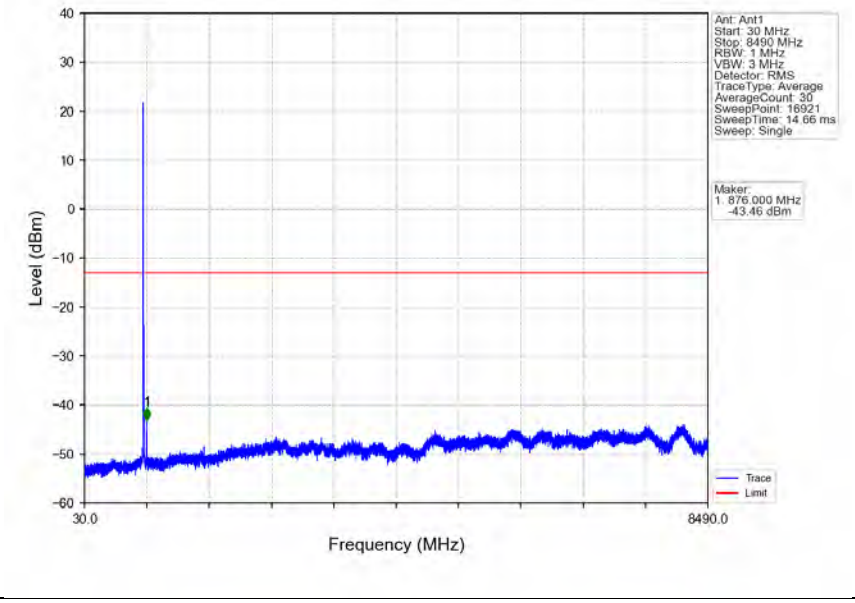
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-29.88	-13	Pass

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV

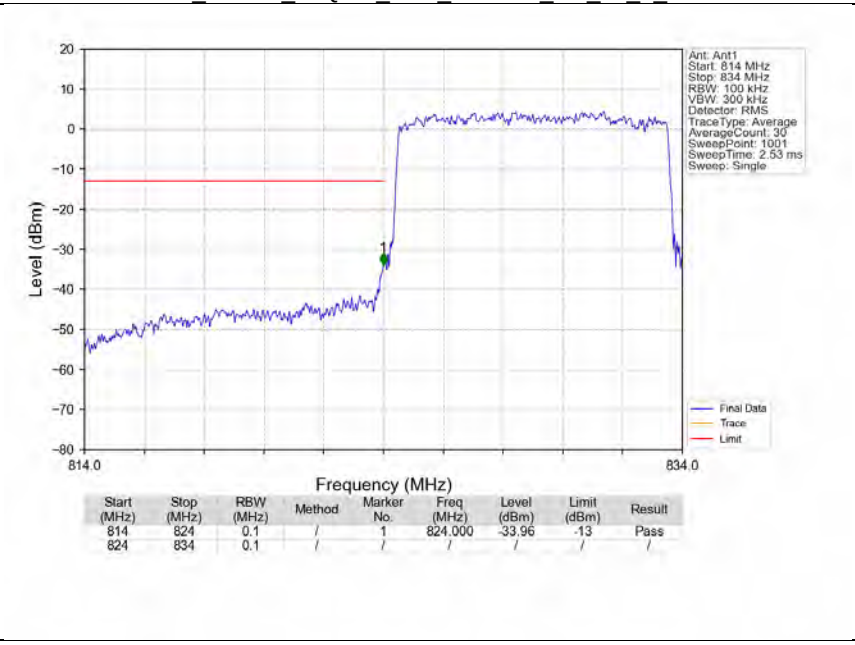


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.912	-49.38	-13	Pass
823	824	0.003	/	2	823.998	-48.82	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV

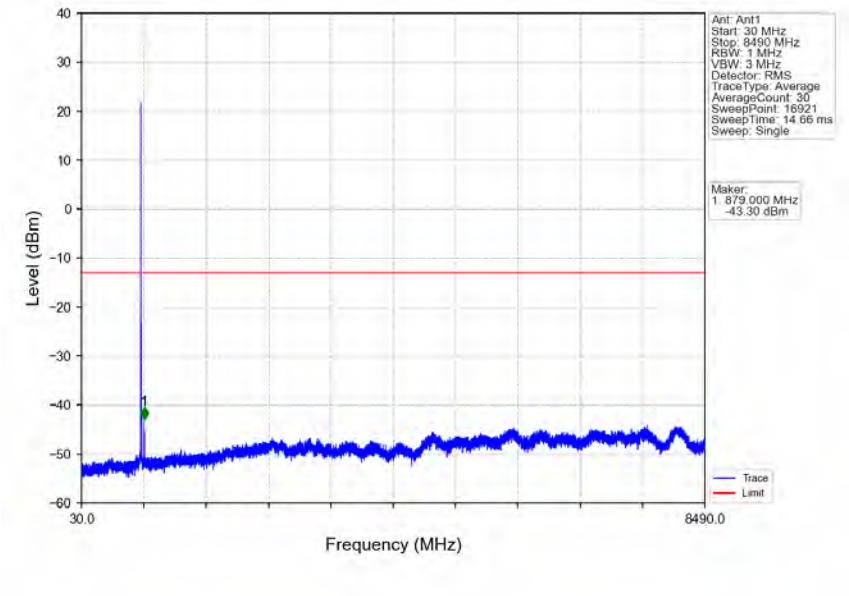


Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV

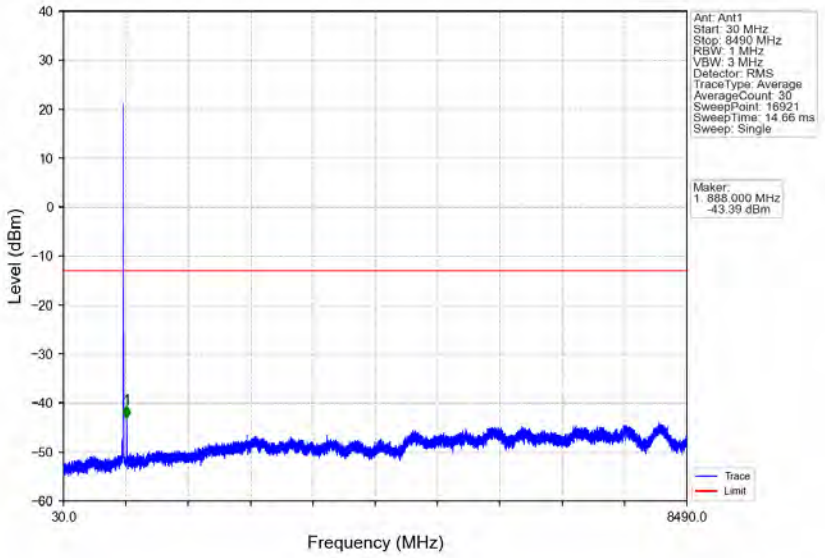


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-33.96	-13	Pass
824	834	0.1	/	/	/	/	/	/

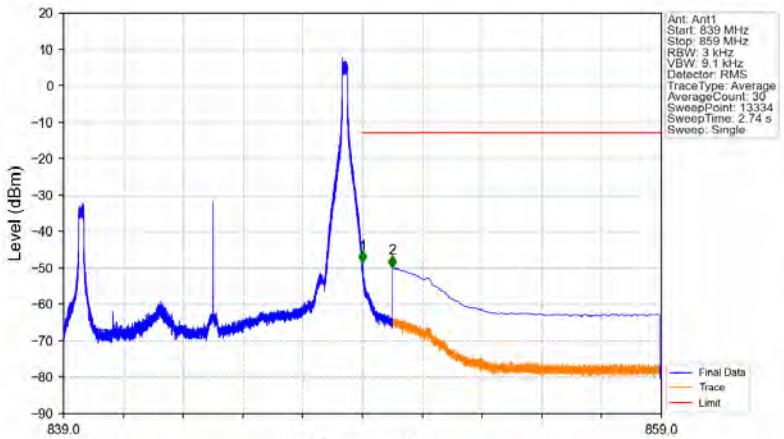
Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV

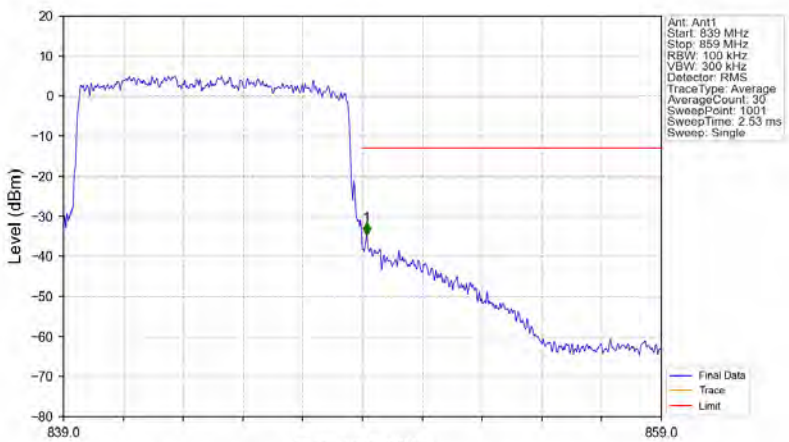


Band5_10MHz_64QAM_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-48.70	-13	Pass
850	859	0.1	CHP	2	850.001	-49.96	-13	Pass

Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.140	-34.67	-13	Pass