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	22.25	-1.12	18.98	<=38.45	Pass
			2	22.35	-1.12	19.08	<=38.45	Pass
			5	22.25	-1.12	18.98	<=38.45	Pass
		3	0	22.13	-1.12	18.86	<=38.45	Pass
			2	22.17	-1.12	18.90	<=38.45	Pass
			3	21.96	-1.12	18.69	<=38.45	Pass
		6	0	21.16	-1.12	17.89	<=38.45	Pass
	836.5	1	0	22.04	-1.12	18.77	<=38.45	Pass
			2	22.15	-1.12	18.88	<=38.45	Pass
			5	22.03	-1.12	18.76	<=38.45	Pass
		3	0	22.14	-1.12	18.87	<=38.45	Pass
			2	22.15	-1.12	18.88	<=38.45	Pass
			3	22.17	-1.12	18.90	<=38.45	Pass
		6	0	21.11	-1.12	17.84	<=38.45	Pass
	848.3	1	0	21.99	-1.12	18.72	<=38.45	Pass
			2	22.16	-1.12	18.89	<=38.45	Pass
			5	22.08	-1.12	18.81	<=38.45	Pass
		3	0	21.88	-1.12	18.61	<=38.45	Pass
			2	21.74	-1.12	18.47	<=38.45	Pass
			3	21.57	-1.12	18.30	<=38.45	Pass
		6	0	20.76	-1.12	17.49	<=38.45	Pass
16QAM	824.7	1	0	20.81	-1.12	17.54	<=38.45	Pass
			2	20.78	-1.12	17.51	<=38.45	Pass
			5	20.69	-1.12	17.42	<=38.45	Pass
		3	0	20.80	-1.12	17.53	<=38.45	Pass
			2	20.73	-1.12	17.46	<=38.45	Pass
			3	20.63	-1.12	17.36	<=38.45	Pass
		6	0	19.59	-1.12	16.32	<=38.45	Pass
	836.5	1	0	21.03	-1.12	17.76	<=38.45	Pass
			2	21.11	-1.12	17.84	<=38.45	Pass
			5	21.03	-1.12	17.76	<=38.45	Pass
		3	0	21.35	-1.12	18.08	<=38.45	Pass
			2	21.35	-1.12	18.08	<=38.45	Pass
			3	21.32	-1.12	18.05	<=38.45	Pass
		6	0	20.17	-1.12	16.90	<=38.45	Pass
	848.3	1	0	20.44	-1.12	17.17	<=38.45	Pass
			2	20.55	-1.12	17.28	<=38.45	Pass
			5	20.46	-1.12	17.19	<=38.45	Pass
		3	0	20.58	-1.12	17.31	<=38.45	Pass
			2	20.56	-1.12	17.29	<=38.45	Pass
			3	20.54	-1.12	17.27	<=38.45	Pass
		6	0	19.50	-1.12	16.23	<=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	22.29	-1.12	19.02	<=38.45	Pass
			7	22.42	-1.12	19.15	<=38.45	Pass
			14	22.26	-1.12	18.99	<=38.45	Pass
		8	0	21.19	-1.12	17.92	<=38.45	Pass
			4	21.22	-1.12	17.95	<=38.45	Pass
			7	21.19	-1.12	17.92	<=38.45	Pass
		15	0	21.10	-1.12	17.83	<=38.45	Pass
	836.5	1	0	22.06	-1.12	18.79	<=38.45	Pass
			7	21.94	-1.12	18.67	<=38.45	Pass
			14	21.57	-1.12	18.30	<=38.45	Pass
		8	0	20.55	-1.12	17.28	<=38.45	Pass
			4	20.61	-1.12	17.34	<=38.45	Pass
			7	20.60	-1.12	17.33	<=38.45	Pass
		15	0	20.60	-1.12	17.33	<=38.45	Pass
	847.5	1	0	21.52	-1.12	18.25	<=38.45	Pass
			7	21.68	-1.12	18.41	<=38.45	Pass
			14	21.55	-1.12	18.28	<=38.45	Pass
		8	0	20.55	-1.12	17.28	<=38.45	Pass
			4	20.58	-1.12	17.31	<=38.45	Pass
			7	20.50	-1.12	17.23	<=38.45	Pass
		15	0	20.56	-1.12	17.29	<=38.45	Pass
16QAM	825.5	1	0	21.00	-1.12	17.73	<=38.45	Pass
			7	21.09	-1.12	17.82	<=38.45	Pass
			14	20.87	-1.12	17.60	<=38.45	Pass
		8	0	20.14	-1.12	16.87	<=38.45	Pass
			4	20.15	-1.12	16.88	<=38.45	Pass
			7	20.11	-1.12	16.84	<=38.45	Pass
		15	0	19.99	-1.12	16.72	<=38.45	Pass
	836.5	1	0	20.71	-1.12	17.44	<=38.45	Pass
			7	20.86	-1.12	17.59	<=38.45	Pass
			14	20.74	-1.12	17.47	<=38.45	Pass
		8	0	19.59	-1.12	16.32	<=38.45	Pass
			4	19.64	-1.12	16.37	<=38.45	Pass
			7	19.57	-1.12	16.30	<=38.45	Pass
		15	0	19.61	-1.12	16.34	<=38.45	Pass
	847.5	1	0	21.06	-1.12	17.79	<=38.45	Pass
			7	21.14	-1.12	17.87	<=38.45	Pass
			14	20.94	-1.12	17.67	<=38.45	Pass
		8	0	19.78	-1.12	16.51	<=38.45	Pass
			4	19.82	-1.12	16.55	<=38.45	Pass
			7	19.74	-1.12	16.47	<=38.45	Pass
		15	0	19.68	-1.12	16.41	<=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	22.16	-1.12	18.89	<=38.45	Pass
			13	21.73	-1.12	18.46	<=38.45	Pass
			24	21.63	-1.12	18.36	<=38.45	Pass
		12	0	20.60	-1.12	17.33	<=38.45	Pass
			6	20.65	-1.12	17.38	<=38.45	Pass
			13	20.65	-1.12	17.38	<=38.45	Pass
		25	0	20.64	-1.12	17.37	<=38.45	Pass
	836.5	1	0	21.55	-1.12	18.28	<=38.45	Pass
			13	21.67	-1.12	18.40	<=38.45	Pass
			24	21.54	-1.12	18.27	<=38.45	Pass
		12	0	20.64	-1.12	17.37	<=38.45	Pass
			6	20.60	-1.12	17.33	<=38.45	Pass
			13	20.52	-1.12	17.25	<=38.45	Pass
		25	0	20.60	-1.12	17.33	<=38.45	Pass
	846.5	1	0	21.49	-1.12	18.22	<=38.45	Pass
			13	21.59	-1.12	18.32	<=38.45	Pass
			24	21.44	-1.12	18.17	<=38.45	Pass
		12	0	20.51	-1.12	17.24	<=38.45	Pass
			6	20.52	-1.12	17.25	<=38.45	Pass
			13	20.40	-1.12	17.13	<=38.45	Pass
		25	0	20.46	-1.12	17.19	<=38.45	Pass
16QAM	826.5	1	0	20.61	-1.12	17.34	<=38.45	Pass
			13	20.71	-1.12	17.44	<=38.45	Pass
			24	20.63	-1.12	17.36	<=38.45	Pass
		12	0	19.62	-1.12	16.35	<=38.45	Pass
			6	19.68	-1.12	16.41	<=38.45	Pass
			13	19.65	-1.12	16.38	<=38.45	Pass
		25	0	19.67	-1.12	16.40	<=38.45	Pass
	836.5	1	0	20.76	-1.12	17.49	<=38.45	Pass
			13	20.85	-1.12	17.58	<=38.45	Pass
			24	20.75	-1.12	17.48	<=38.45	Pass
		12	0	19.67	-1.12	16.40	<=38.45	Pass
			6	19.73	-1.12	16.46	<=38.45	Pass
			13	19.61	-1.12	16.34	<=38.45	Pass
		25	0	19.63	-1.12	16.36	<=38.45	Pass
	846.5	1	0	20.23	-1.12	16.96	<=38.45	Pass
			13	20.38	-1.12	17.11	<=38.45	Pass
			24	20.21	-1.12	16.94	<=38.45	Pass
		12	0	19.59	-1.12	16.32	<=38.45	Pass
			6	19.57	-1.12	16.30	<=38.45	Pass
			13	19.44	-1.12	16.17	<=38.45	Pass
		25	0	19.52	-1.12	16.25	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	21.72	-1.12	18.45	<=38.45	Pass
			25	21.86	-1.12	18.59	<=38.45	Pass

			49	21.66	-1.12	18.39	<=38.45	Pass
		25	0	20.63	-1.12	17.36	<=38.45	Pass
			13	20.61	-1.12	17.34	<=38.45	Pass
			25	20.67	-1.12	17.40	<=38.45	Pass
		50	0	20.66	-1.12	17.39	<=38.45	Pass
	836.5	1	0	21.64	-1.12	18.37	<=38.45	Pass
			25	21.72	-1.12	18.45	<=38.45	Pass
			49	21.58	-1.12	18.31	<=38.45	Pass
		25	0	20.69	-1.12	17.42	<=38.45	Pass
			13	20.62	-1.12	17.35	<=38.45	Pass
			25	20.58	-1.12	17.31	<=38.45	Pass
		50	0	20.67	-1.12	17.40	<=38.45	Pass
	844	1	0	21.53	-1.12	18.26	<=38.45	Pass
			25	21.71	-1.12	18.44	<=38.45	Pass
			49	21.50	-1.12	18.23	<=38.45	Pass
		25	0	20.52	-1.12	17.25	<=38.45	Pass
			13	20.52	-1.12	17.25	<=38.45	Pass
			25	20.42	-1.12	17.15	<=38.45	Pass
		50	0	20.47	-1.12	17.20	<=38.45	Pass
16QAM	829	1	0	20.60	-1.12	17.33	<=38.45	Pass
			25	20.76	-1.12	17.49	<=38.45	Pass
			49	20.60	-1.12	17.33	<=38.45	Pass
		25	0	19.71	-1.12	16.44	<=38.45	Pass
			13	19.73	-1.12	16.46	<=38.45	Pass
			25	19.79	-1.12	16.52	<=38.45	Pass
		50	0	19.69	-1.12	16.42	<=38.45	Pass
	836.5	1	0	20.75	-1.12	17.48	<=38.45	Pass
			25	20.89	-1.12	17.62	<=38.45	Pass
			49	20.68	-1.12	17.41	<=38.45	Pass
		25	0	19.77	-1.12	16.50	<=38.45	Pass
			13	19.69	-1.12	16.42	<=38.45	Pass
			25	19.65	-1.12	16.38	<=38.45	Pass
		50	0	19.68	-1.12	16.41	<=38.45	Pass
	844	1	0	20.97	-1.12	17.70	<=38.45	Pass
			25	21.06	-1.12	17.79	<=38.45	Pass
			49	20.90	-1.12	17.63	<=38.45	Pass
		25	0	19.55	-1.12	16.28	<=38.45	Pass
			13	19.57	-1.12	16.30	<=38.45	Pass
			25	19.51	-1.12	16.24	<=38.45	Pass
		50	0	19.49	-1.12	16.22	<=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	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
					4.43	-4.277	-0.0052	-2.5 to 2.5	Pass

				-30	3.85	-8.712	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-3.834	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-16.079	-0.0192	-2.5 to 2.5	Pass
					3.85	-12.059	-0.0144	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.121	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.691	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-6.981	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-5.736	-0.0069	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-13.747	-0.0162	-2.5 to 2.5	Pass
					3.85	-10.142	-0.0120	-2.5 to 2.5	Pass
					4.43	-4.334	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-7.596	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-7.997	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-4.463	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-6.695	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0071	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-6.166	-0.0075	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0045	-2.5 to 2.5	Pass
					4.43	-4.506	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-6.366	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-9.742	-0.0118	-2.5 to 2.5	Pass
				30	3.85	-1.645	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-5.279	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-8.912	-0.0108	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-3.376	-0.0040	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0064	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-6.294	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-5.794	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-10.557	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-8.426	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-3.977	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0092	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-6.795	-0.0080	-2.5 to 2.5	Pass
					3.85	-13.146	-0.0155	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.651	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-8.025	-0.0095	-2.5 to 2.5	Pass

				-10	3.85	-6.695	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-8.640	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-9.212	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-3.362	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-5.436	-0.0064	-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	3.27	-5.937	-0.0072	-2.5 to 2.5	Pass
					3.85	-6.995	-0.0085	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-8.669	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-5.693	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-3.390	-0.0041	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-1.287	-0.0015	-2.5 to 2.5	Pass
					3.85	-5.908	-0.0071	-2.5 to 2.5	Pass
					4.43	-6.866	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-6.609	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-7.153	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-7.582	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-6.094	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-7.324	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-10.257	-0.0123	-2.5 to 2.5	Pass
				50	3.85	-8.211	-0.0098	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-4.921	-0.0058	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0092	-2.5 to 2.5	Pass
					4.43	-7.882	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-8.354	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-9.184	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-4.921	-0.0058	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-4.807	-0.0058	-2.5 to 2.5	Pass
					3.85	-8.798	-0.0107	-2.5 to 2.5	Pass
					4.43	-7.238	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-8.483	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-3.433	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-7.296	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.678	-0.0057	-2.5 to 2.5	Pass

				30	3.85	-3.018	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-5.693	-0.0068	-2.5 to 2.5	Pass
					3.85	-9.627	-0.0115	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-6.180	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-8.368	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-5.007	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0032	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-3.920	-0.0046	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0089	-2.5 to 2.5	Pass
					4.43	-7.567	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-5.264	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-11.201	-0.0132	-2.5 to 2.5	Pass
				-10	3.85	-4.606	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-4.907	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-6.552	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0032	-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	3.27	-6.952	-0.0084	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0068	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-7.625	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-7.839	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-4.420	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-6.108	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0092	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-4.005	-0.0048	-2.5 to 2.5	Pass
					3.85	-4.463	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-6.351	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-6.280	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-6.309	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass

	846.5	25	0	20	3.27	-7.424	-0.0088	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0066	-2.5 to 2.5	Pass
					4.43	-7.668	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-3.862	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-7.210	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-6.123	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-5.064	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.981	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-6.294	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
					4.43	-7.324	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-4.177	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-8.082	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-8.740	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-8.669	-0.0105	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-6.580	-0.0079	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0052	-2.5 to 2.5	Pass
					4.43	-5.364	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-7.396	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-8.411	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-8.297	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-7.424	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-6.824	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-5.651	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-9.227	-0.0109	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0090	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-2.375	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.309	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-12.875	-0.0152	-2.5 to 2.5	Pass
				0	3.85	-8.440	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-8.626	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-11.086	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-6.409	-0.0076	-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	3.27	-7.267	-0.0088	-2.5 to 2.5	Pass
					3.85	-6.638	-0.0080	-2.5 to 2.5	Pass
					4.43	-5.693	-0.0069	-2.5 to 2.5	Pass

				-30	3.85	-6.237	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-5.178	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-8.068	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-9.456	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-7.997	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-6.938	-0.0084	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-4.821	-0.0058	-2.5 to 2.5	Pass
					3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-4.406	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0037	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.367	-0.0087	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0083	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-7.224	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-8.655	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-7.095	-0.0084	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-7.296	-0.0088	-2.5 to 2.5	Pass
					3.85	-9.084	-0.0110	-2.5 to 2.5	Pass
					4.43	-8.798	-0.0106	-2.5 to 2.5	Pass
				-30	3.85	-9.670	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-8.984	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-8.268	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-8.025	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-6.709	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-6.380	-0.0077	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-5.822	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0067	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-8.769	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-8.025	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-6.680	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-7.811	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0068	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.410	-0.0088	-2.5 to 2.5	Pass
					3.85	-8.240	-0.0098	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0067	-2.5 to 2.5	Pass

				-10	3.85	-6.909	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-6.895	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-7.839	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0043	-2.5 to 2.5	Pass

3. Modulation Characteristics

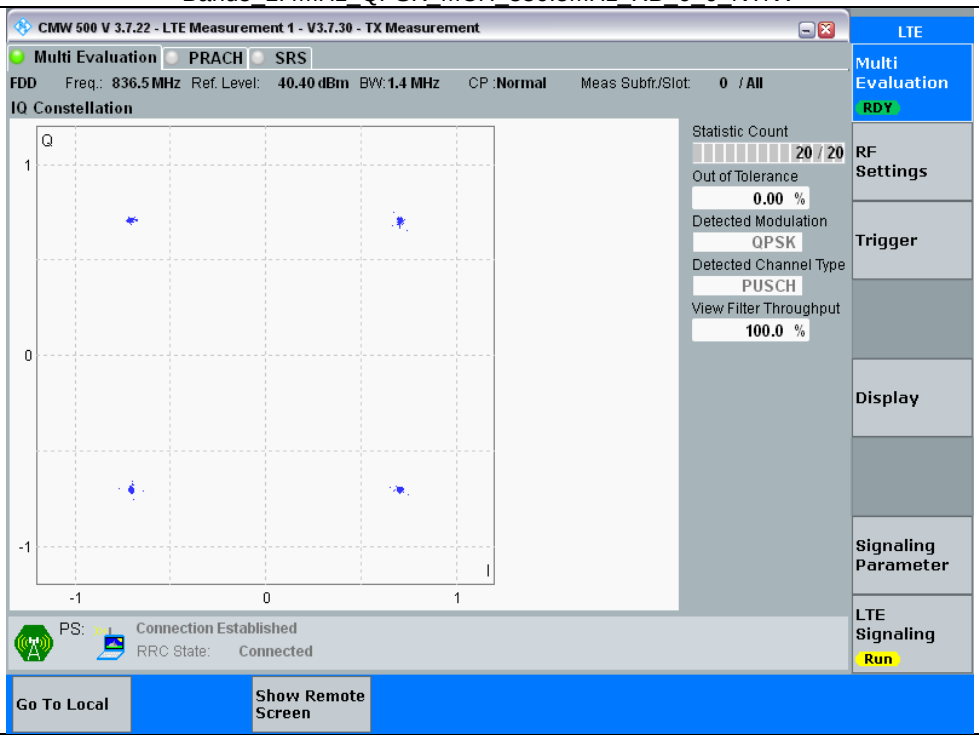
3.1 B5_1.4MHz

3.1.1 Test Result

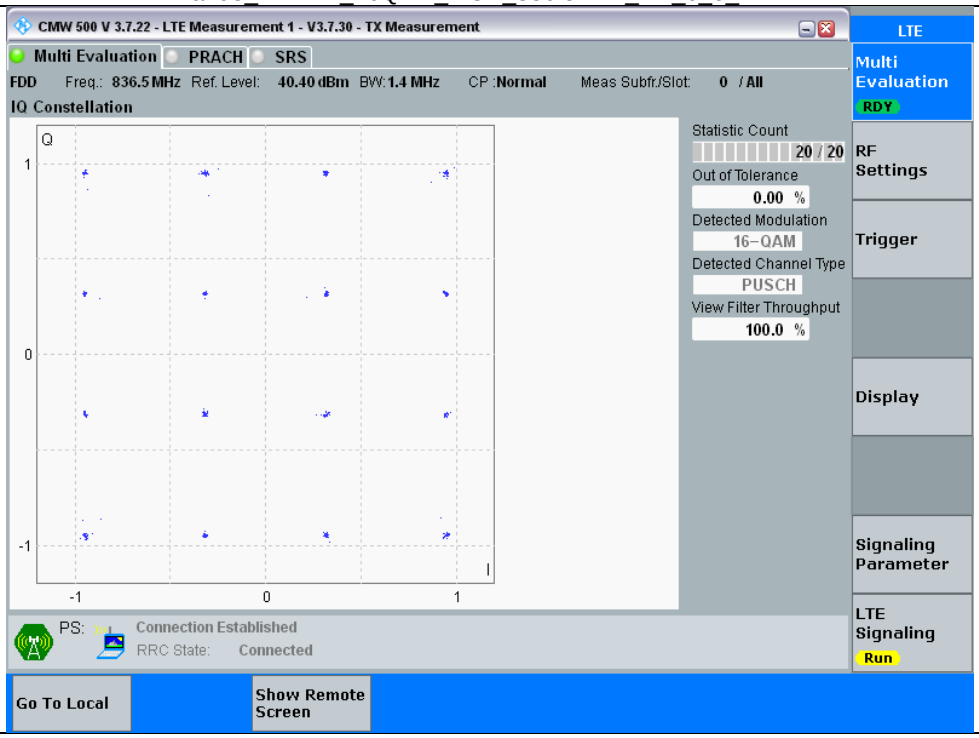
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



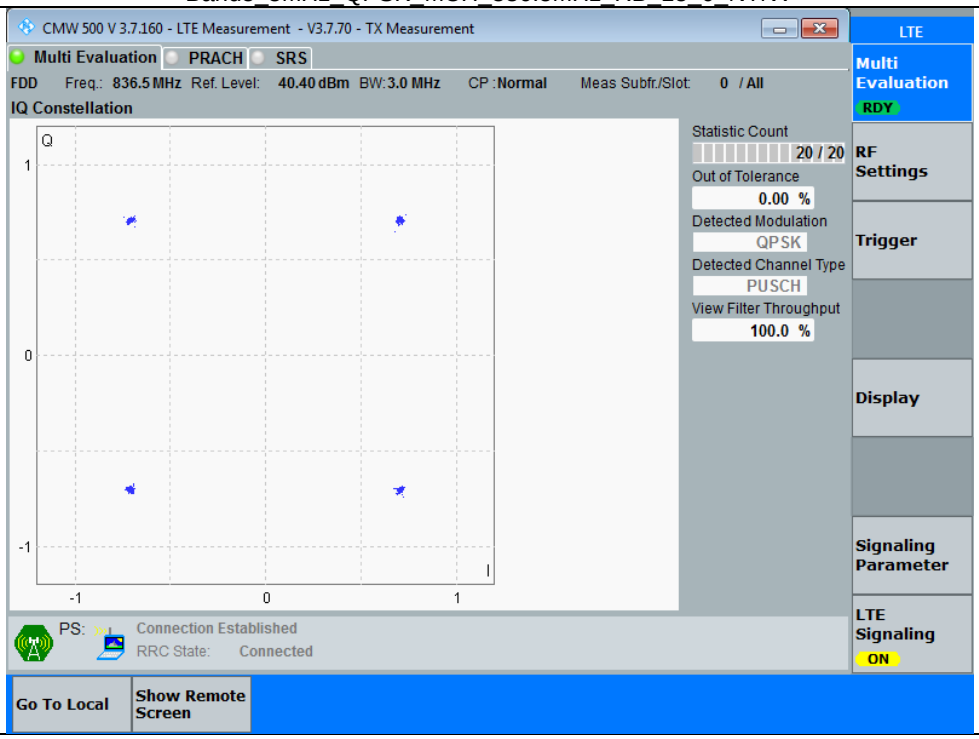
3.2 B5_3MHz

3.2.1 Test Result

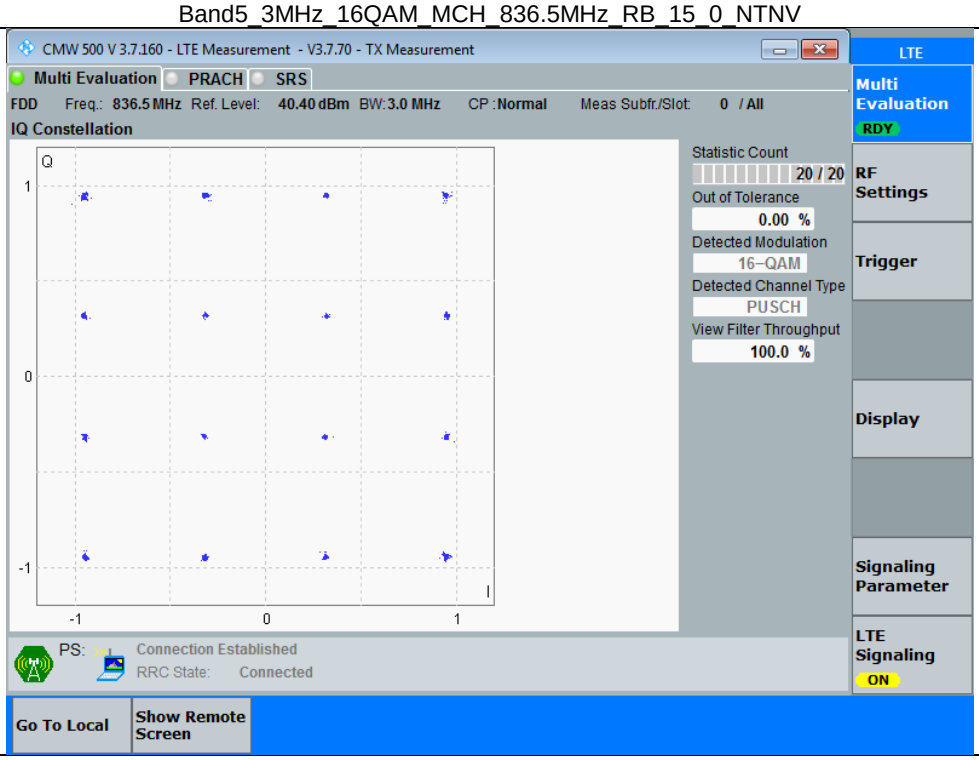
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



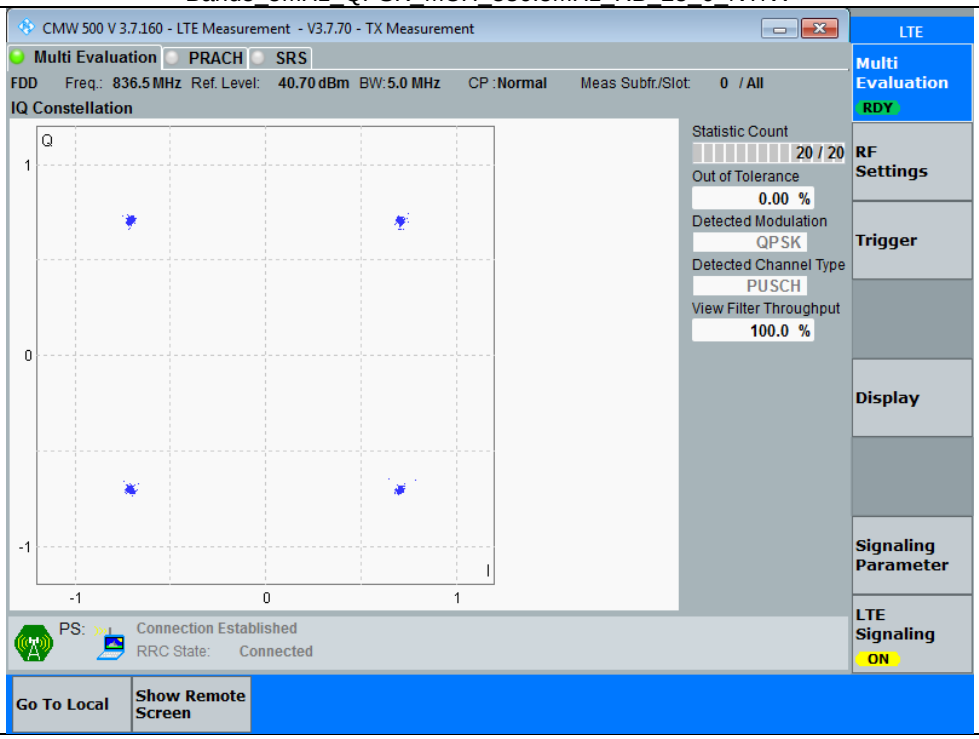
3.3 B5_5MHz

3.3.1 Test Result

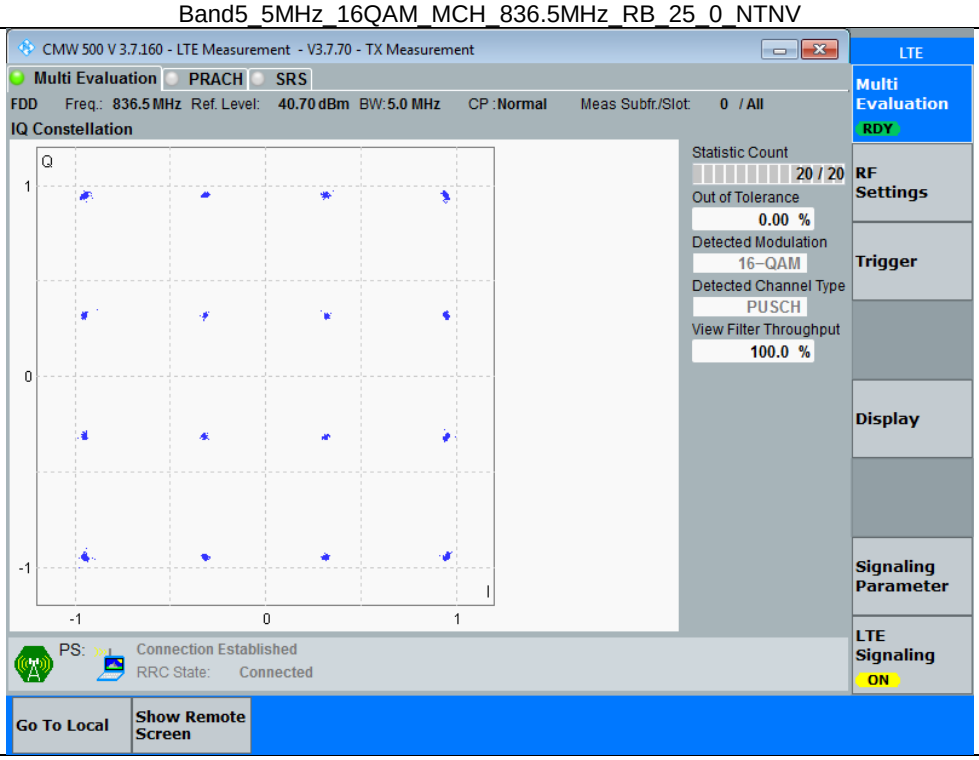
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



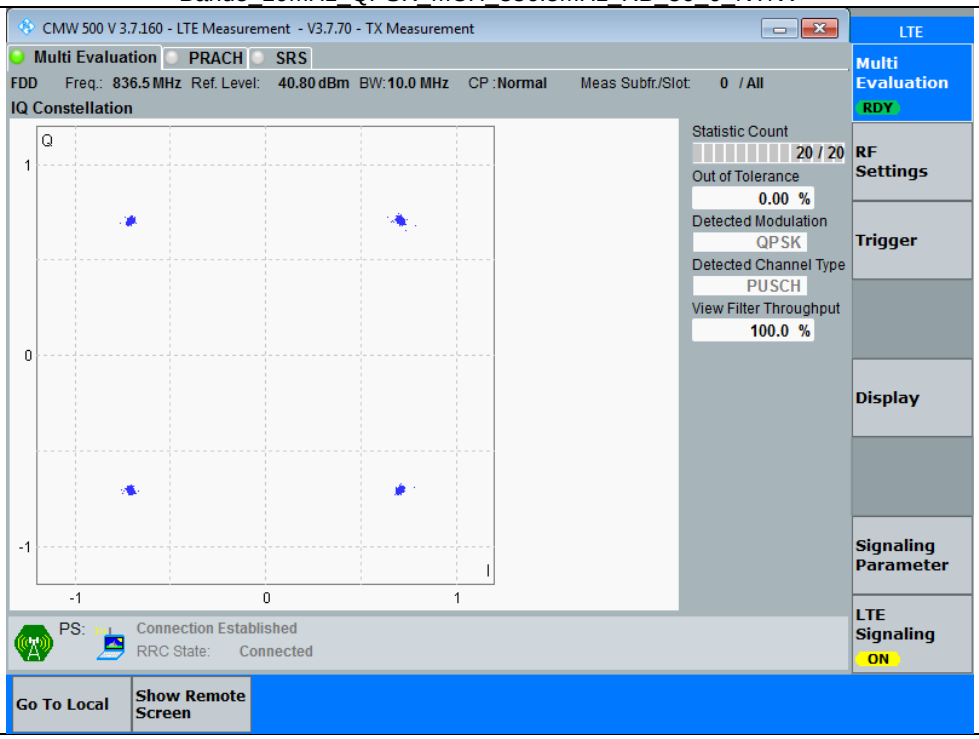
3.4 B5_10MHz

3.4.1 Test Result

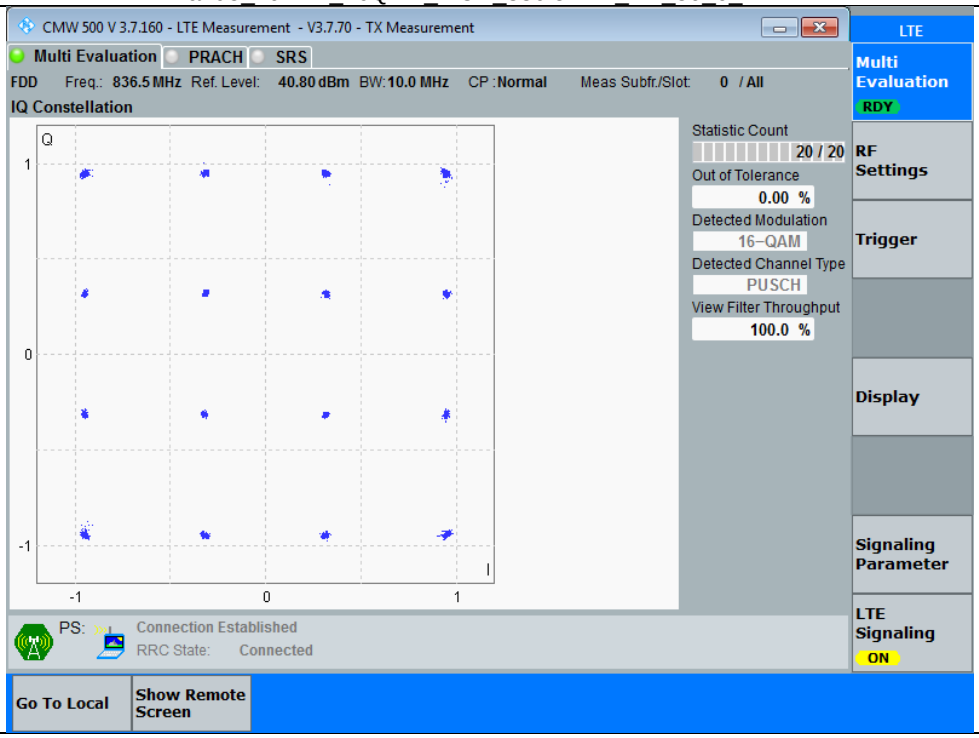
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

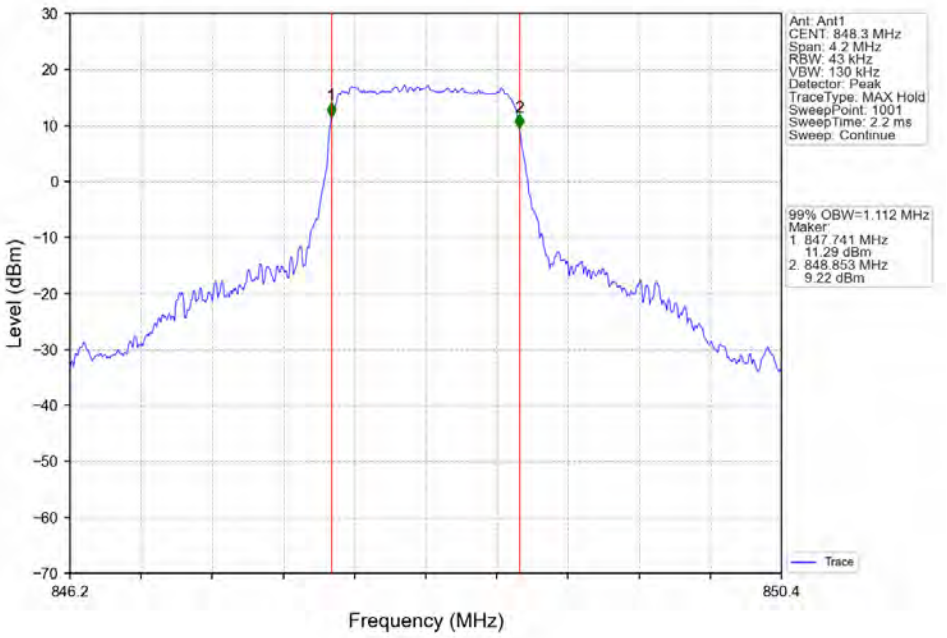
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



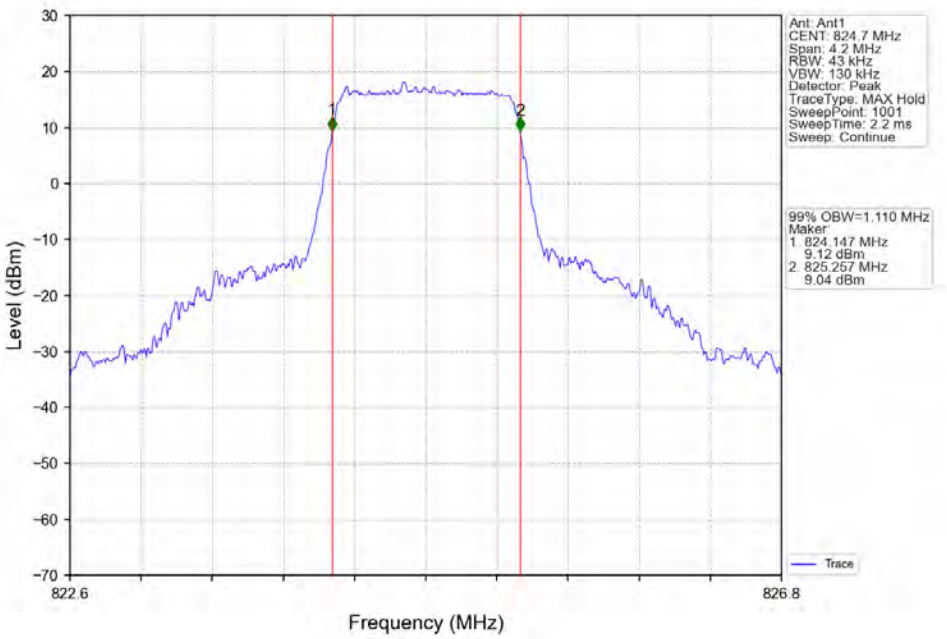
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



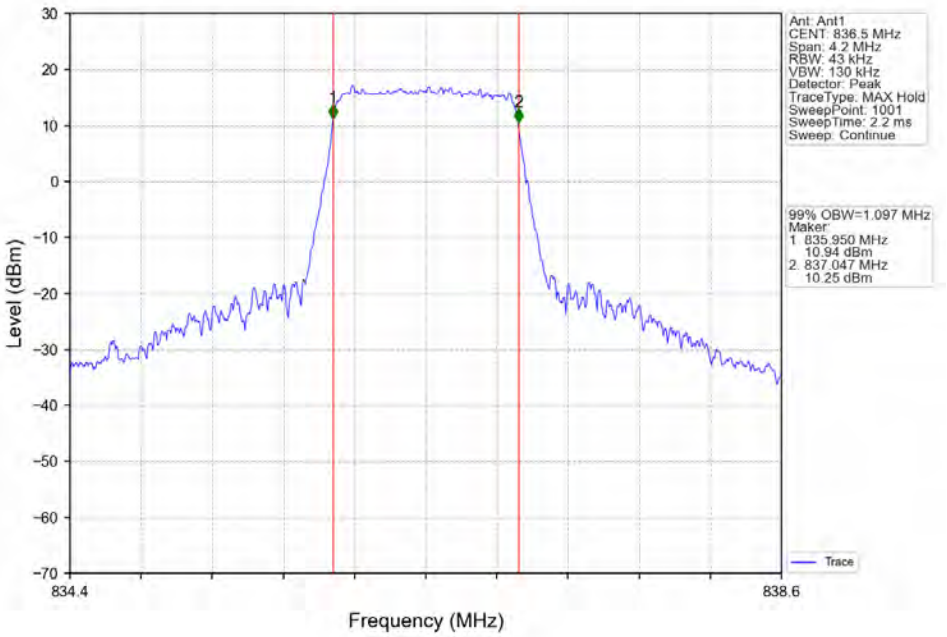
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



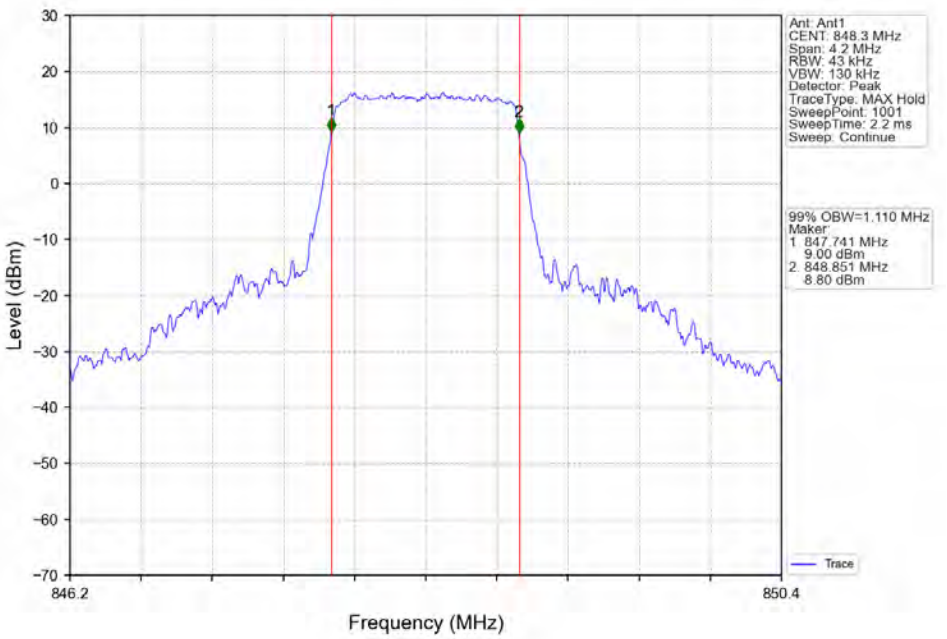
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



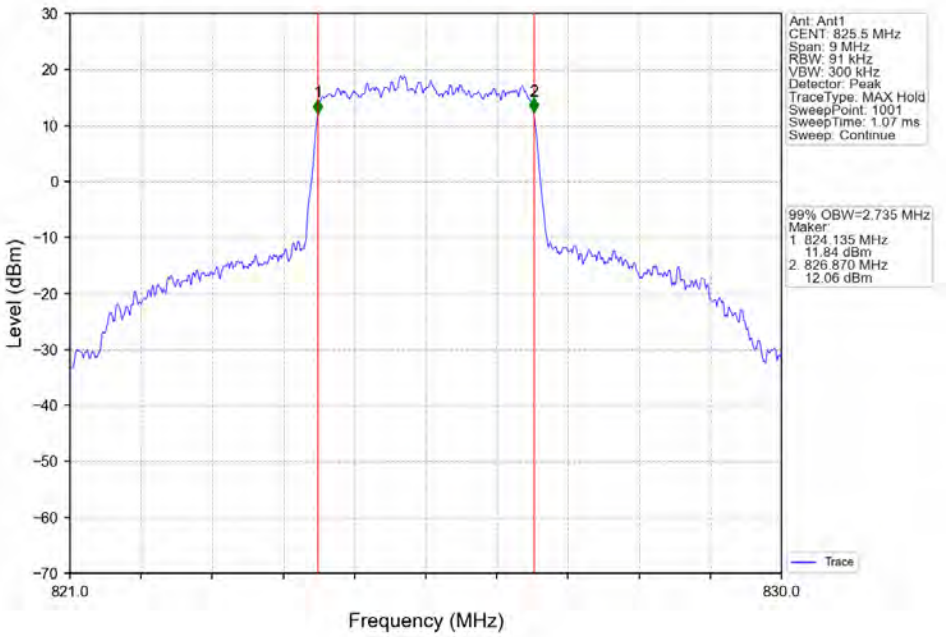
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



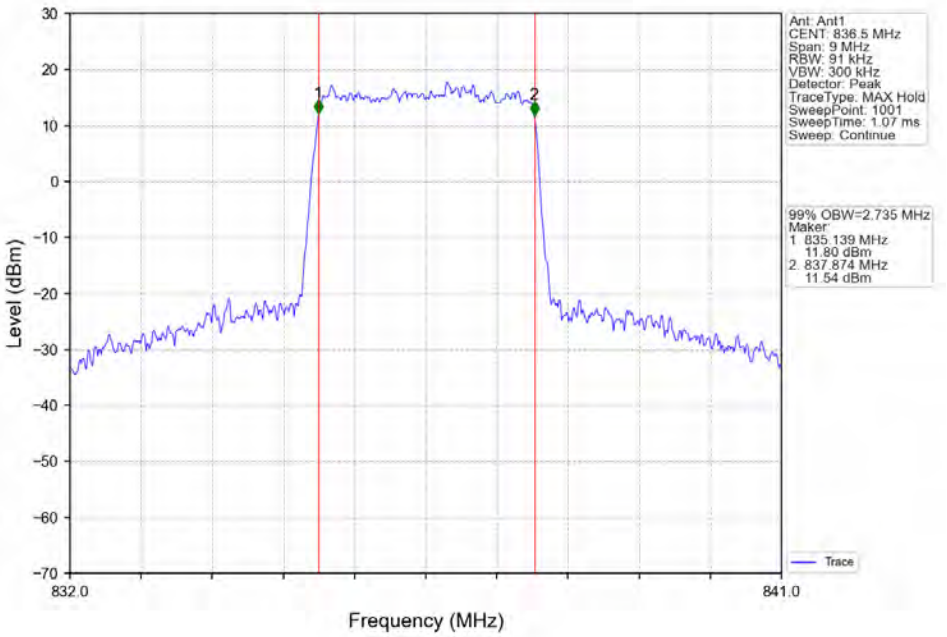
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



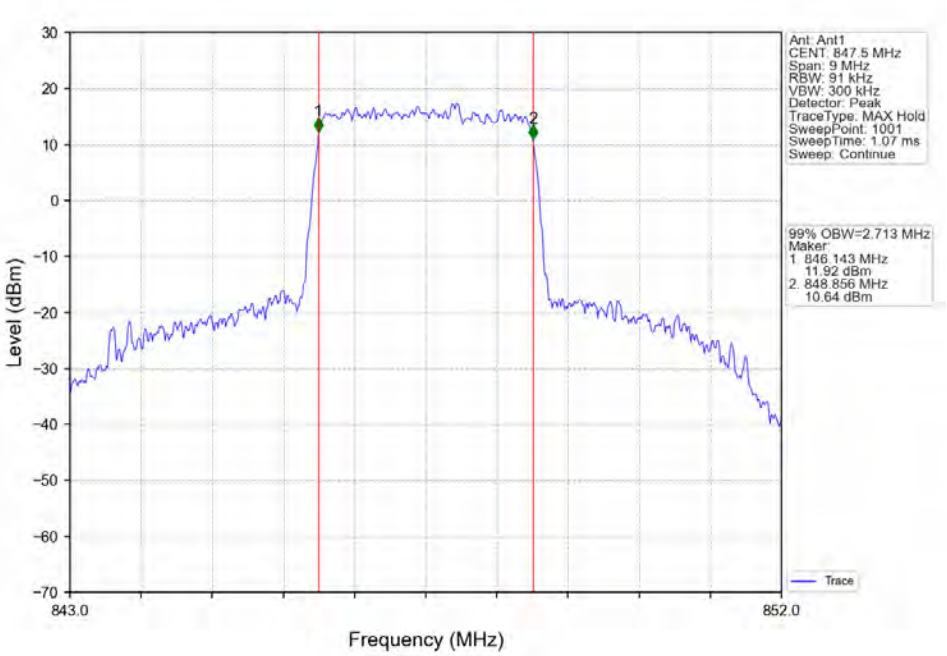
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



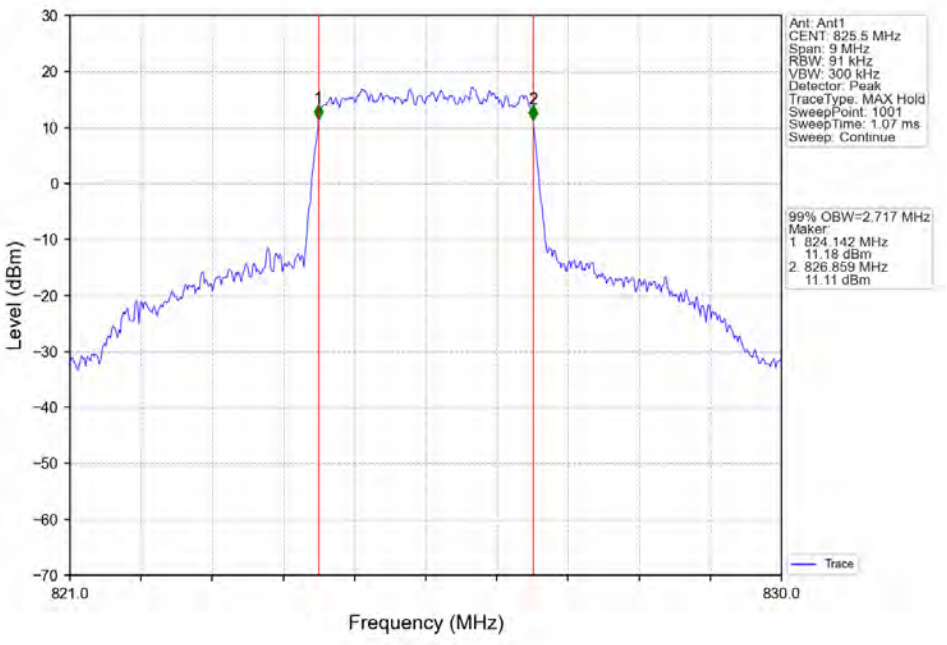
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



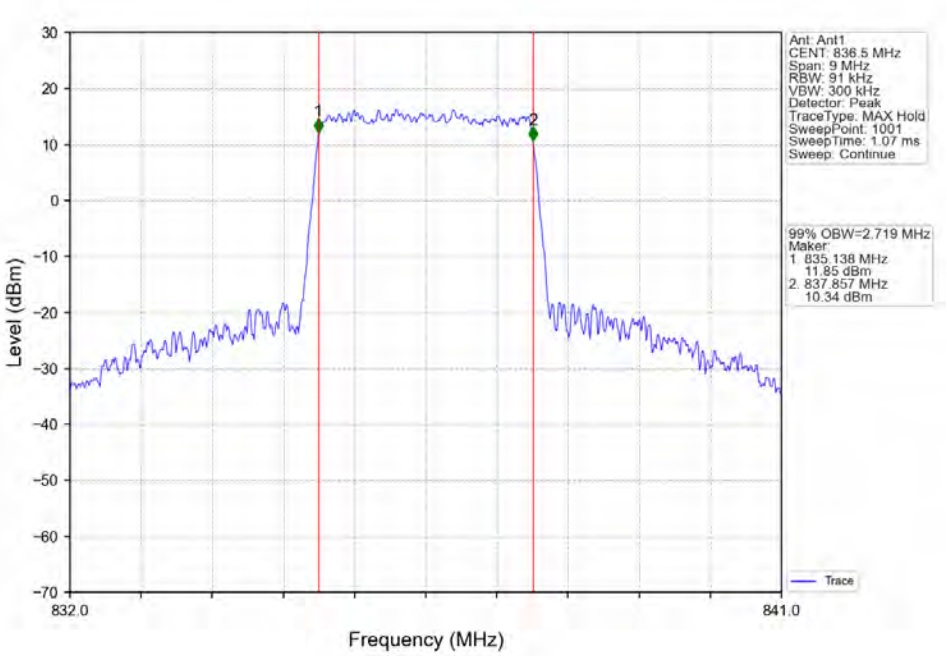
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



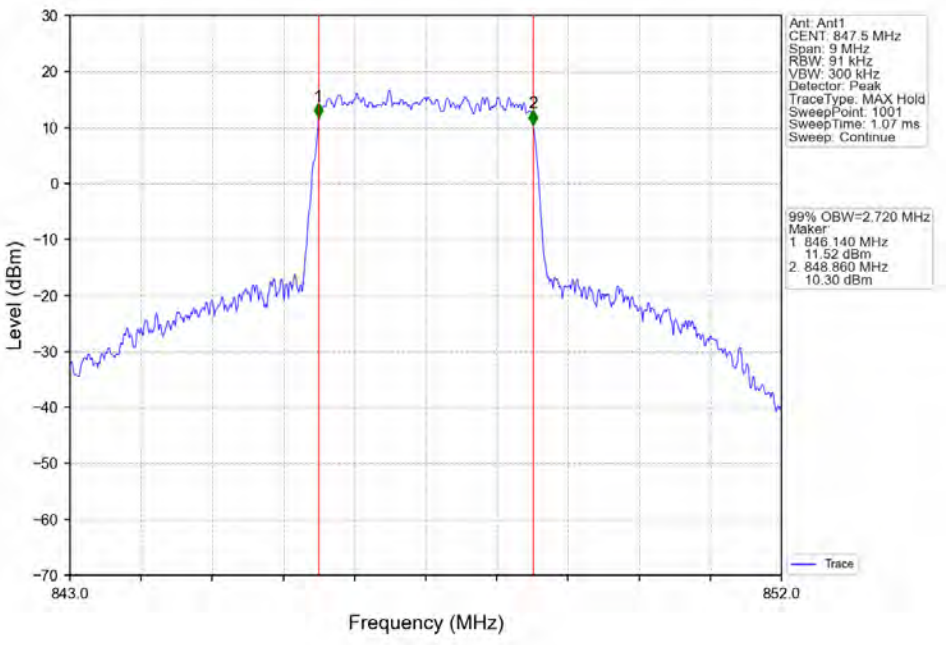
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



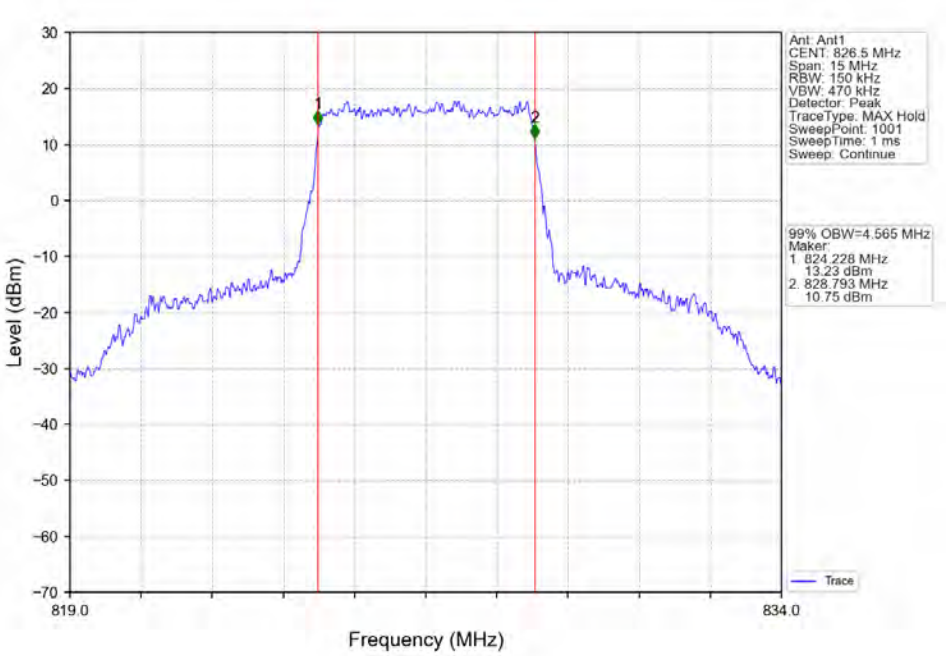
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



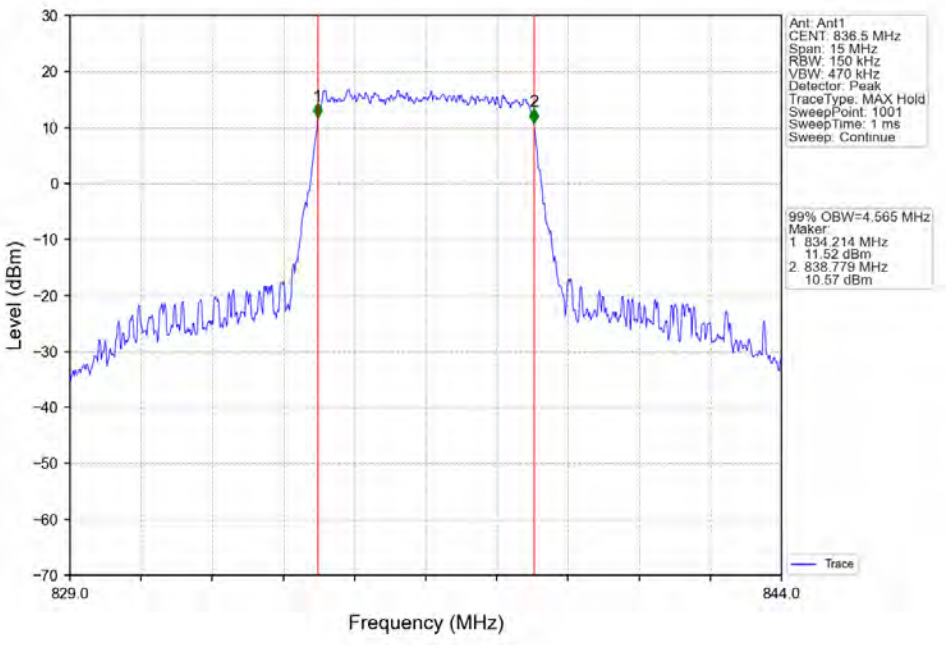
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



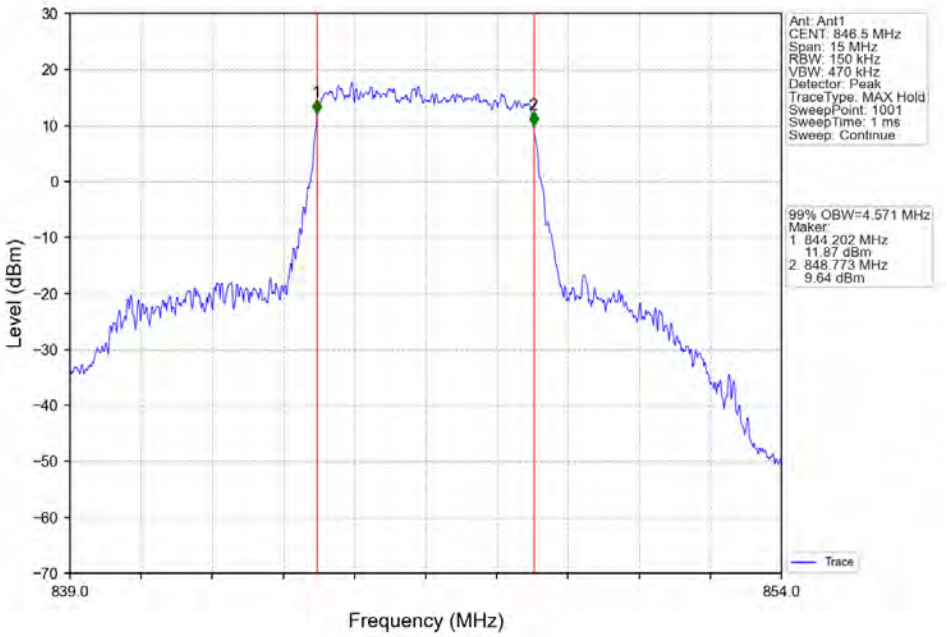
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



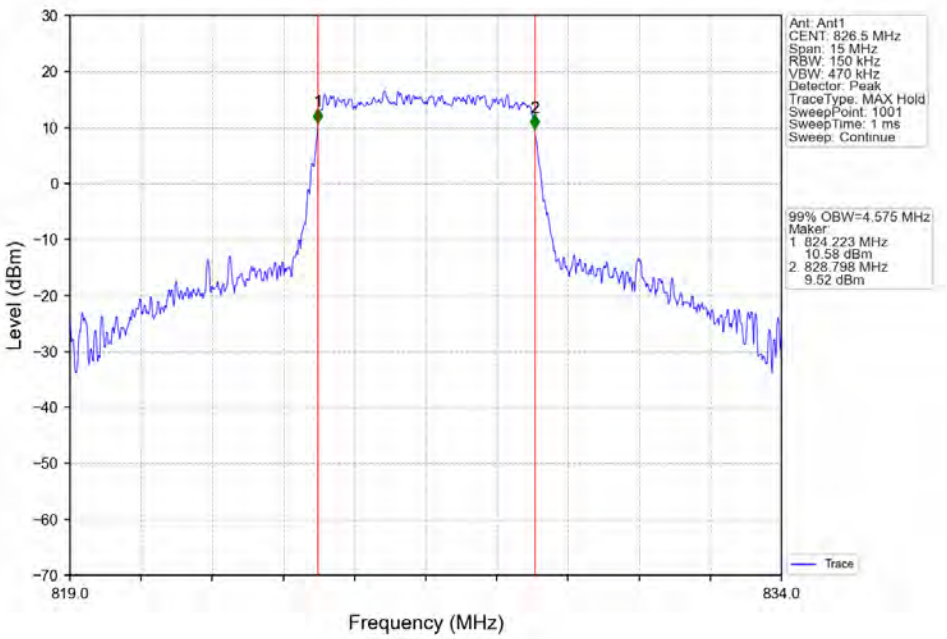
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



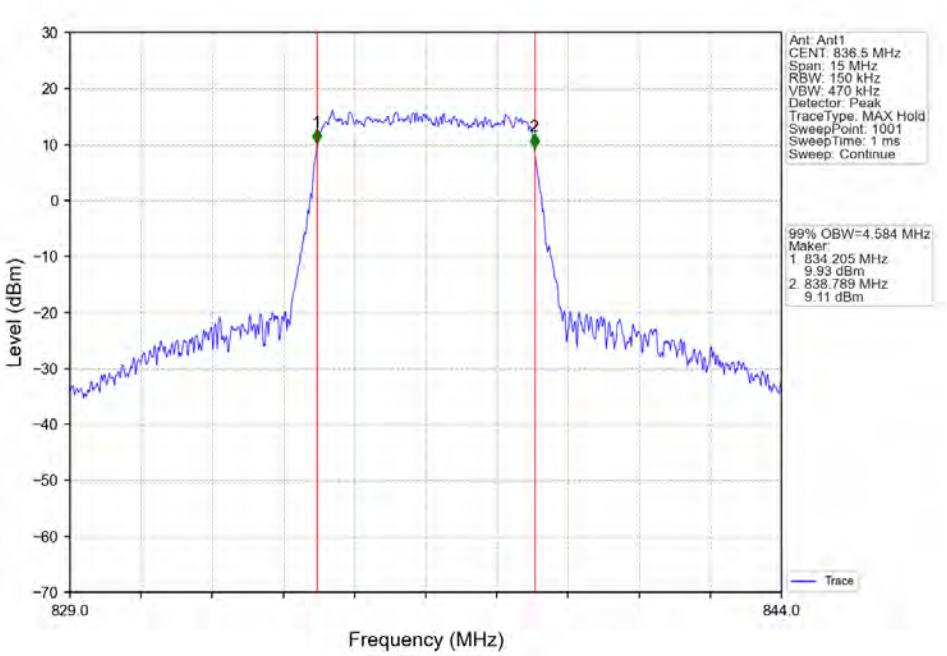
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



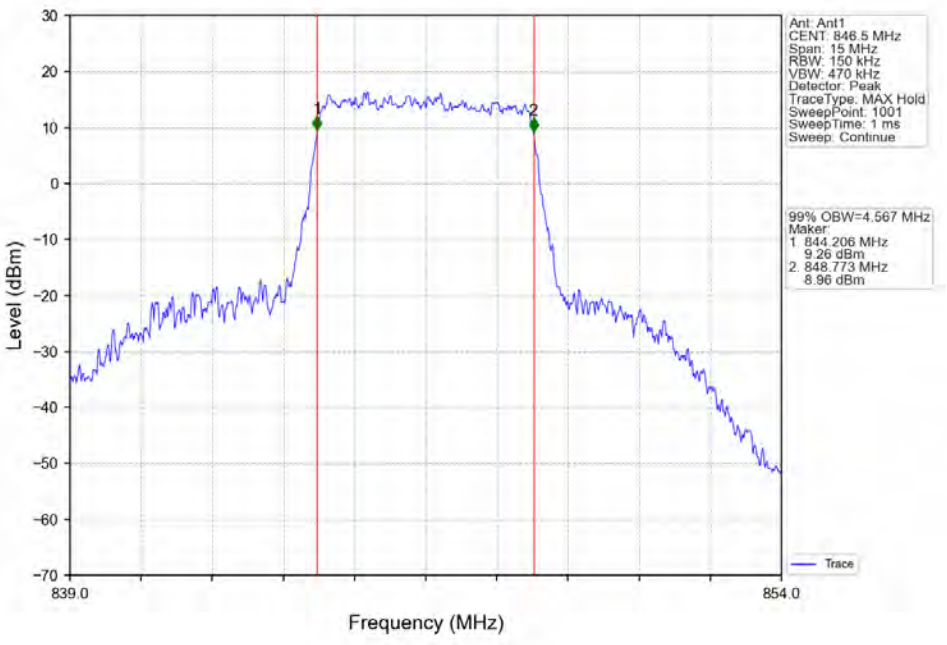
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



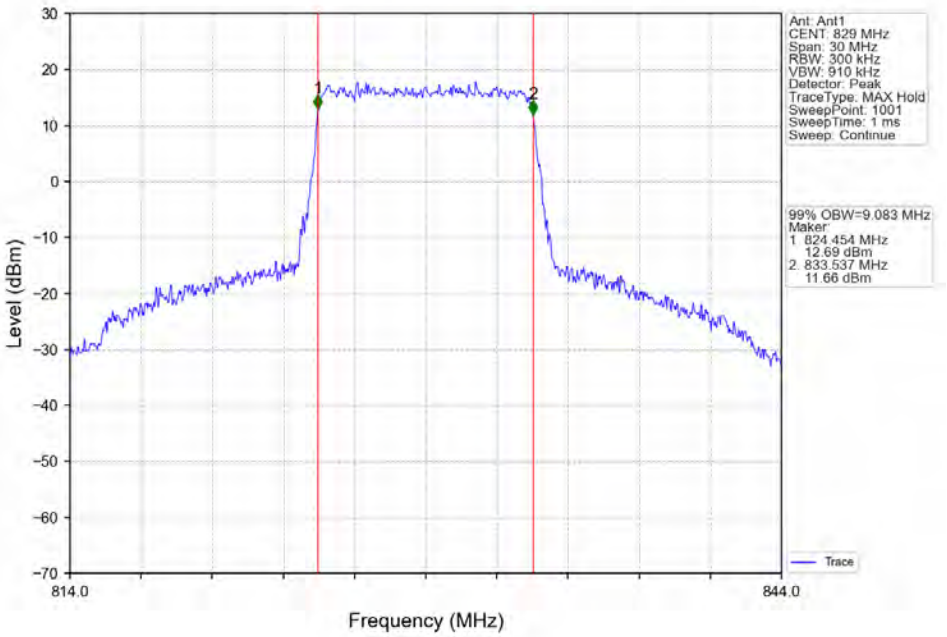
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



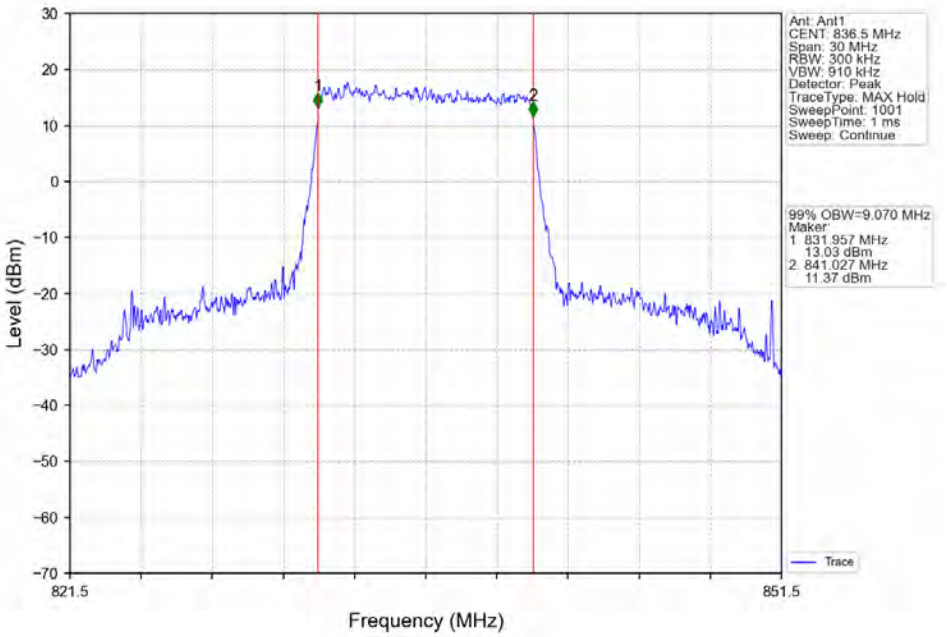
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



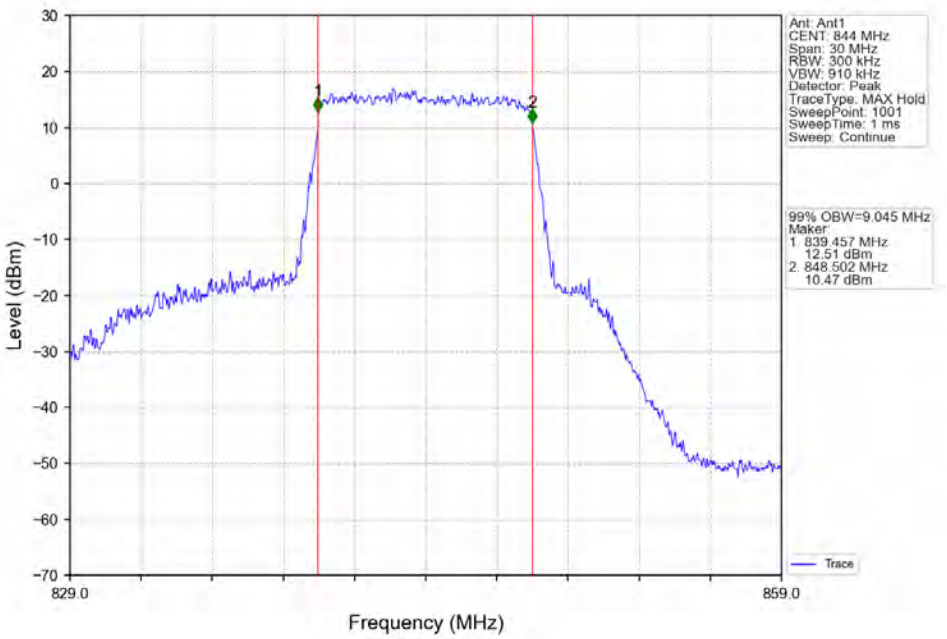
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



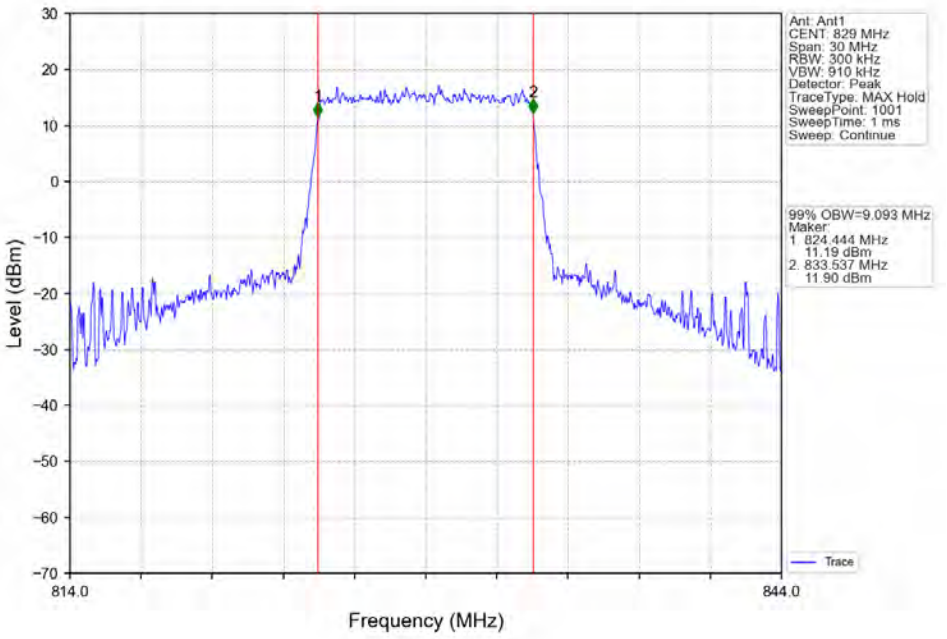
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



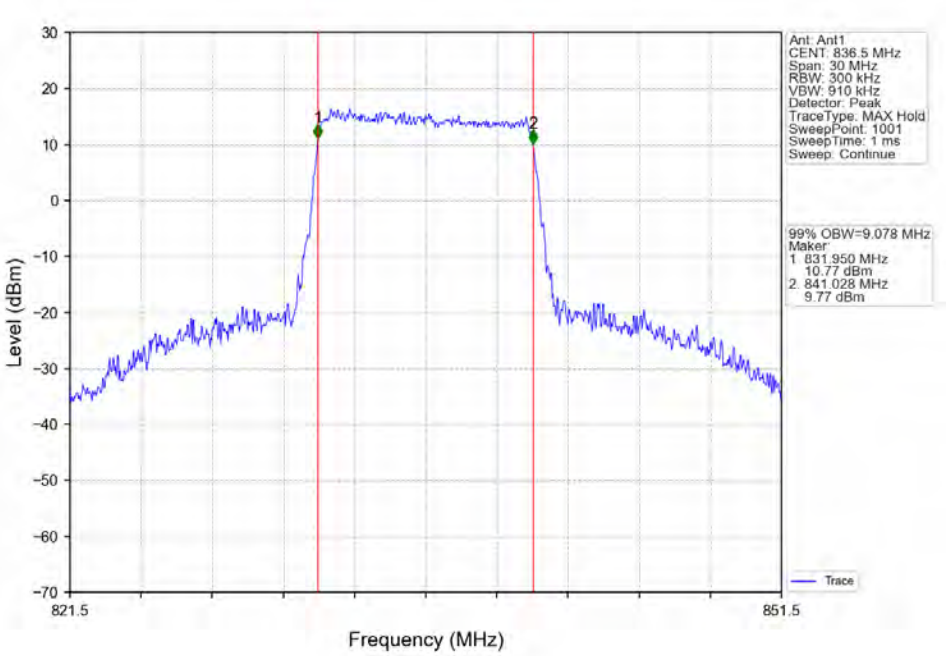
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



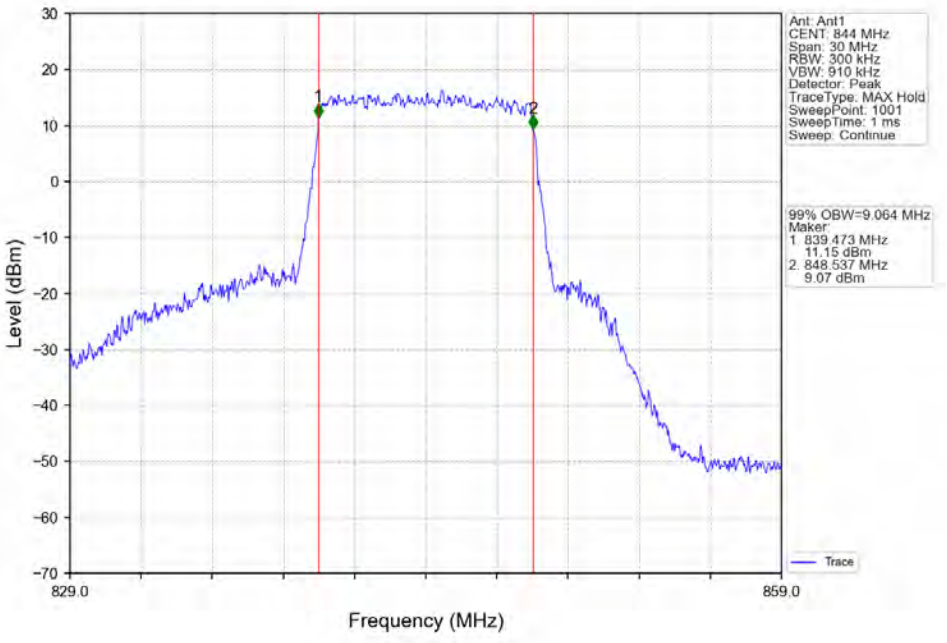
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



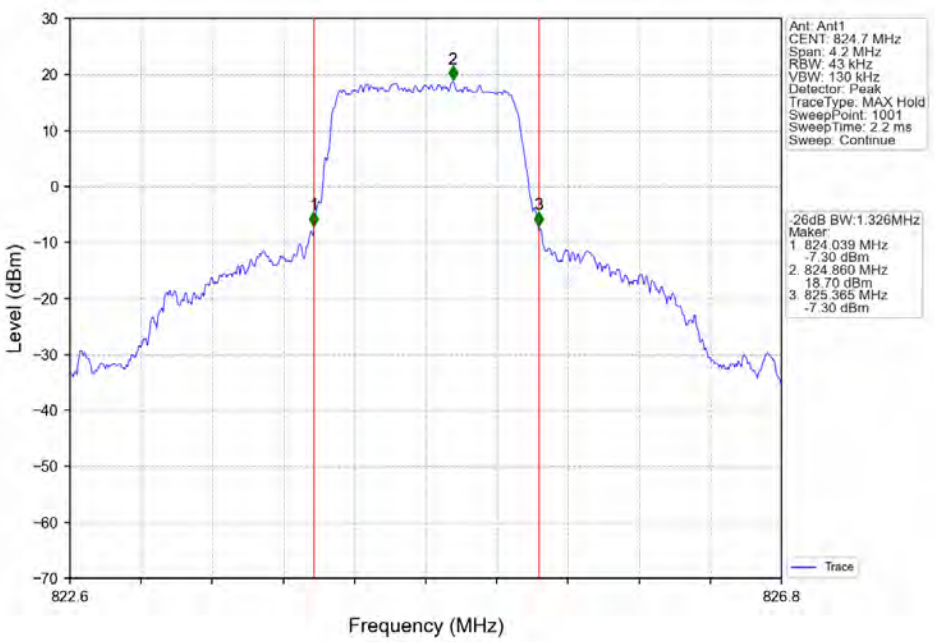
4.2 Band5_XDB

4.2.1 Test Result

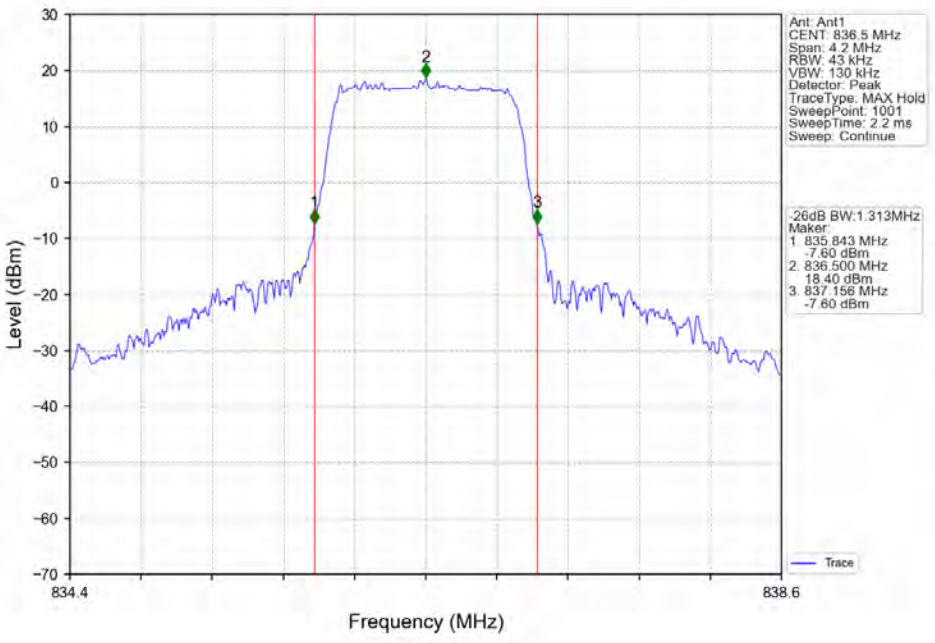
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.326	/	Pass
		836.5	6	0	1.313	/	Pass
		848.3	6	0	1.347	/	Pass
	16QAM	824.7	6	0	1.314	/	Pass
		836.5	6	0	1.311	/	Pass
		848.3	6	0	1.341	/	Pass
3	QPSK	825.5	15	0	3.007	/	Pass
		836.5	15	0	2.985	/	Pass
		847.5	15	0	2.991	/	Pass
	16QAM	825.5	15	0	3.006	/	Pass
		836.5	15	0	3.004	/	Pass
		847.5	15	0	2.977	/	Pass
5	QPSK	826.5	25	0	5.286	/	Pass
		836.5	25	0	5.276	/	Pass
		846.5	25	0	5.211	/	Pass
	16QAM	826.5	25	0	5.281	/	Pass
		836.5	25	0	5.282	/	Pass
		846.5	25	0	5.234	/	Pass
10	QPSK	829	50	0	10.353	/	Pass
		836.5	50	0	10.282	/	Pass
		844	50	0	10.299	/	Pass
	16QAM	829	50	0	10.231	/	Pass
		836.5	50	0	10.176	/	Pass
		844	50	0	10.154	/	Pass

4.2.2 Test Graph

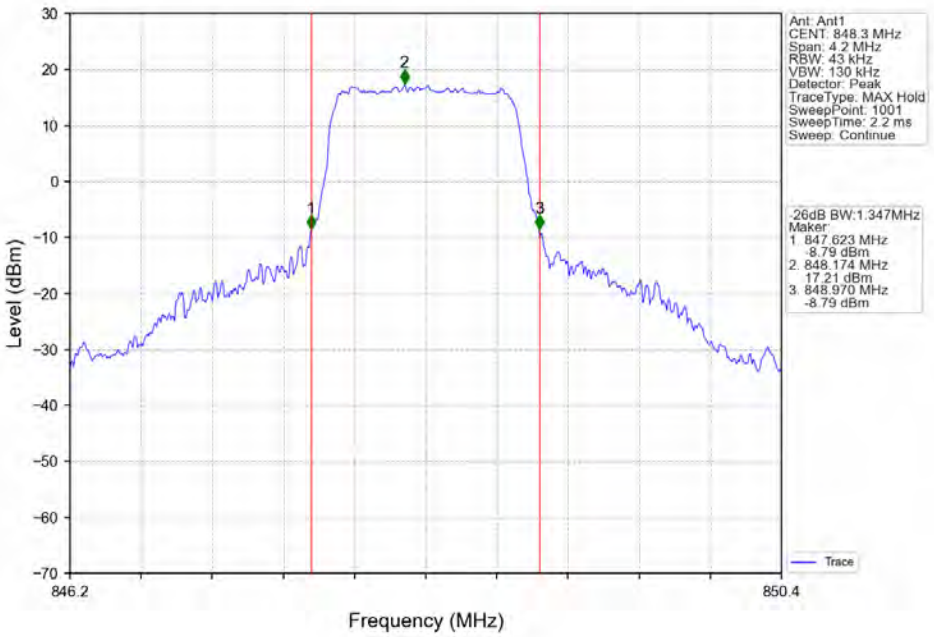
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



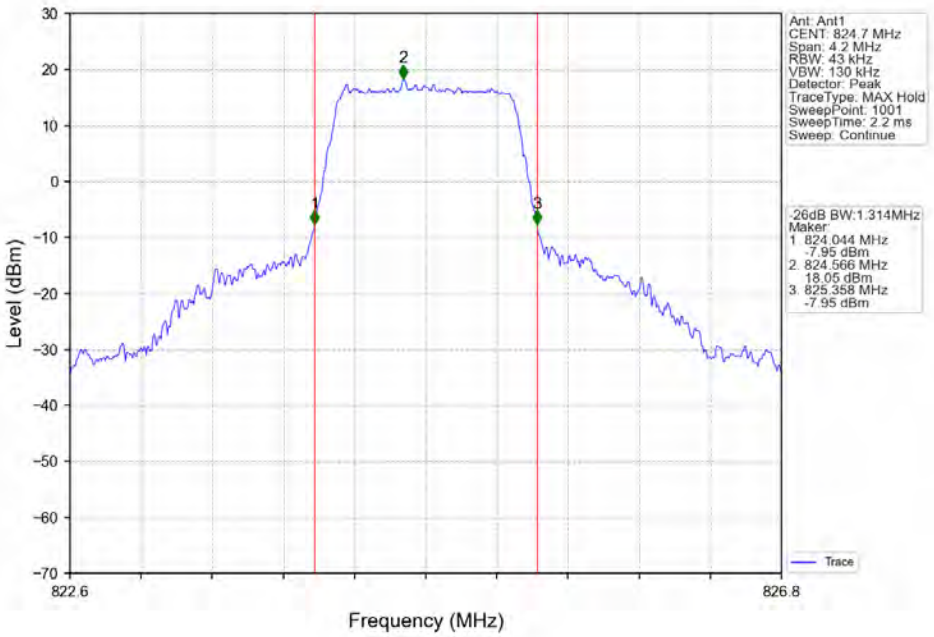
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



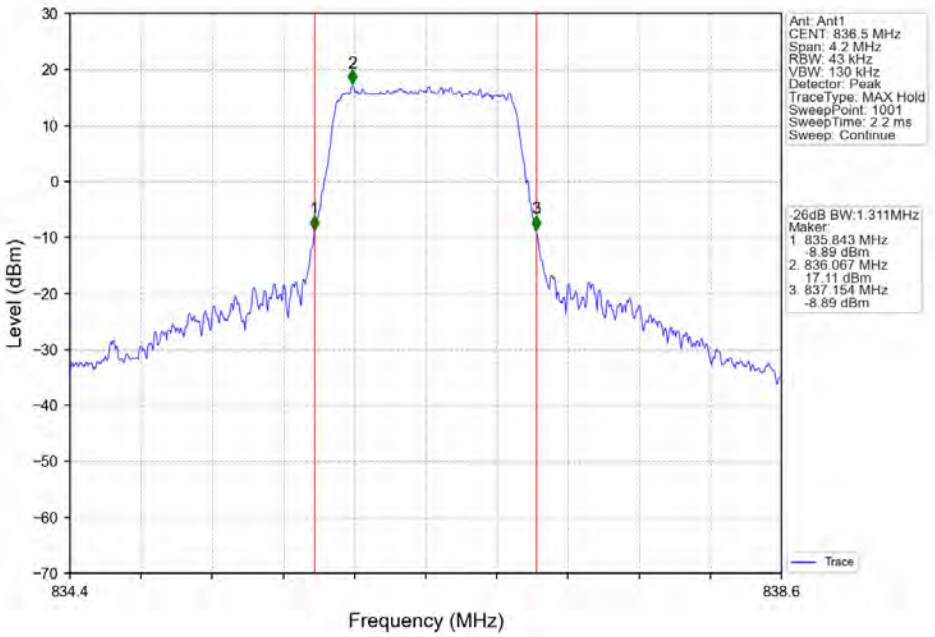
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



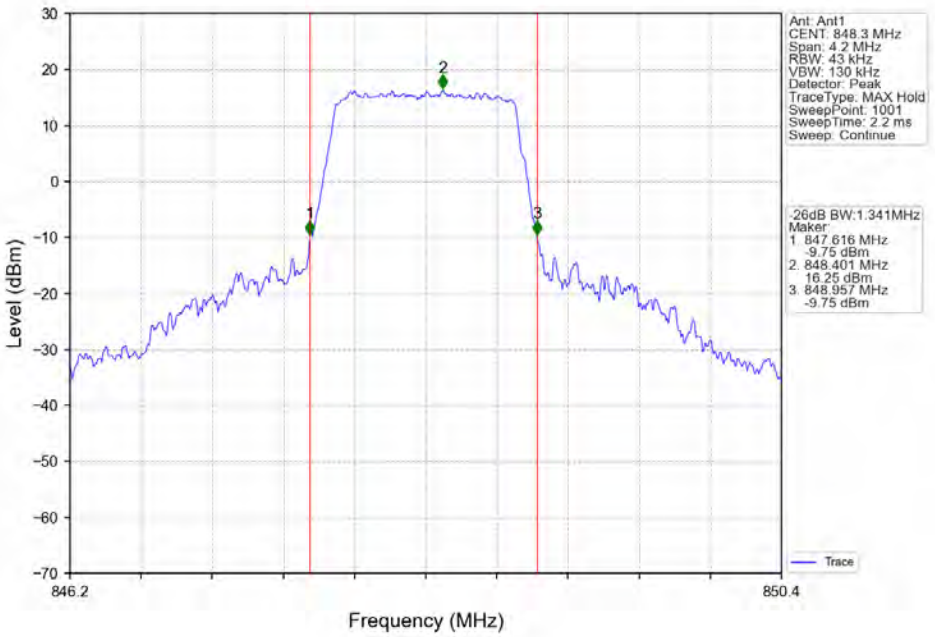
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



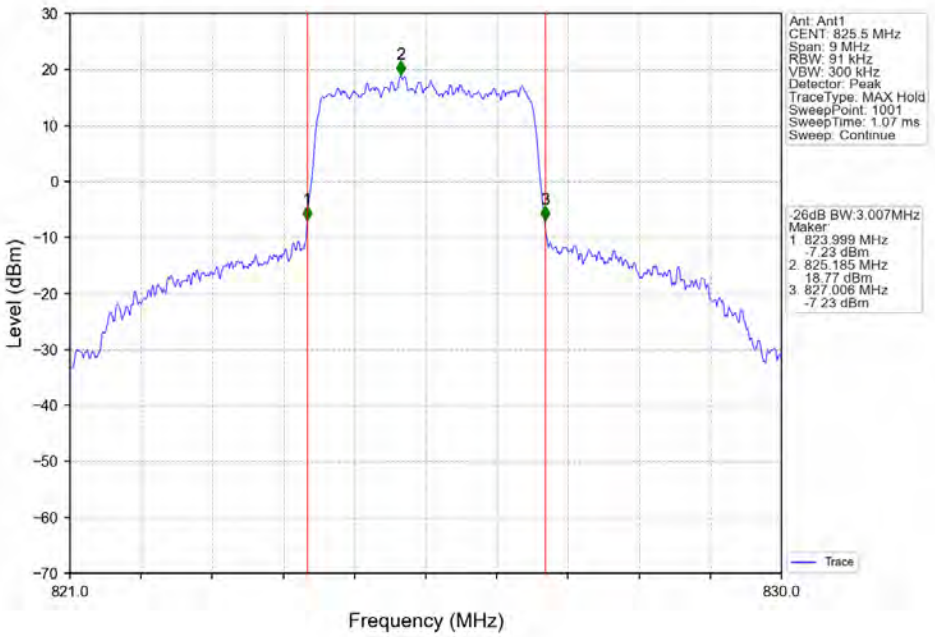
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



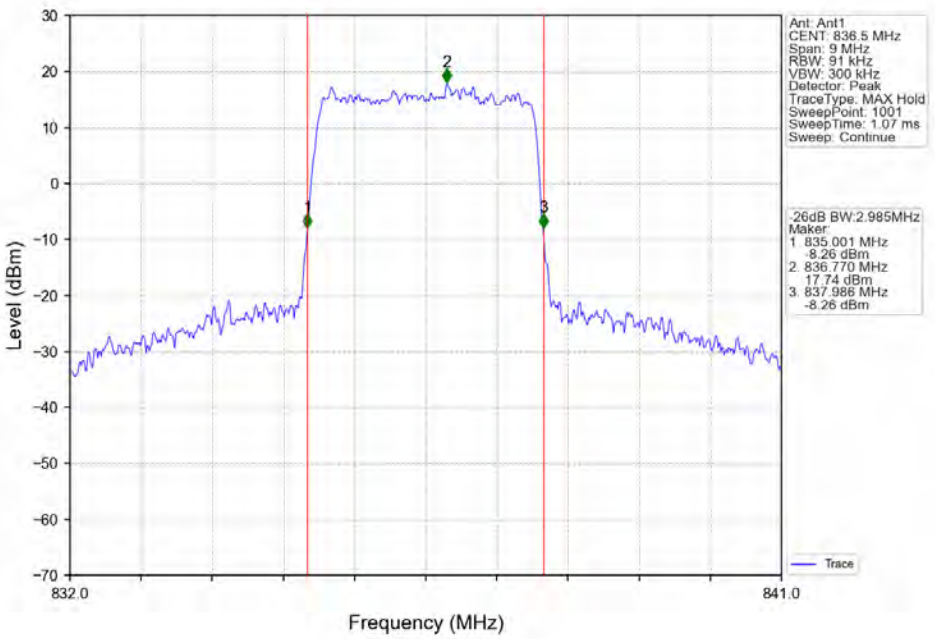
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



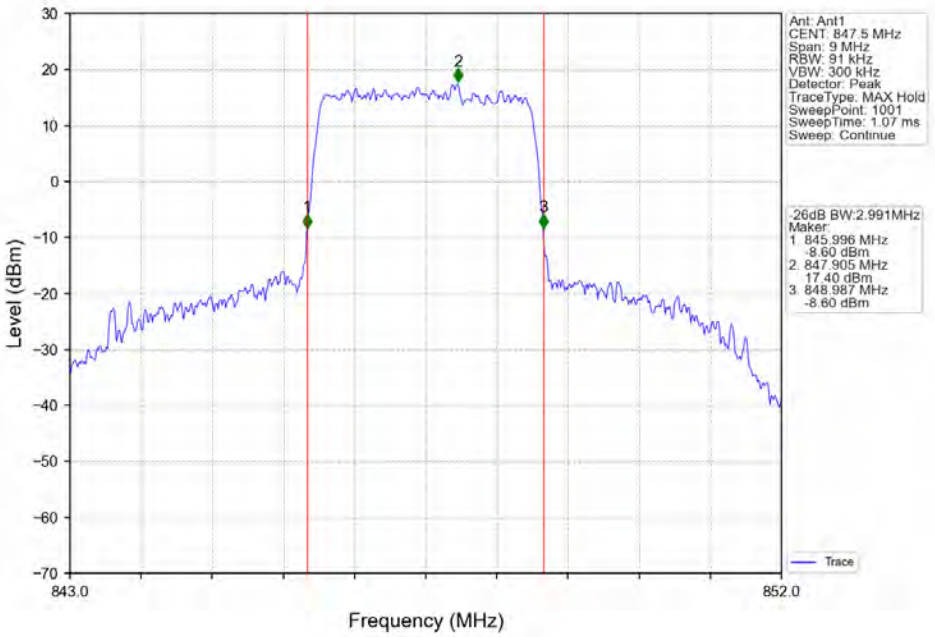
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



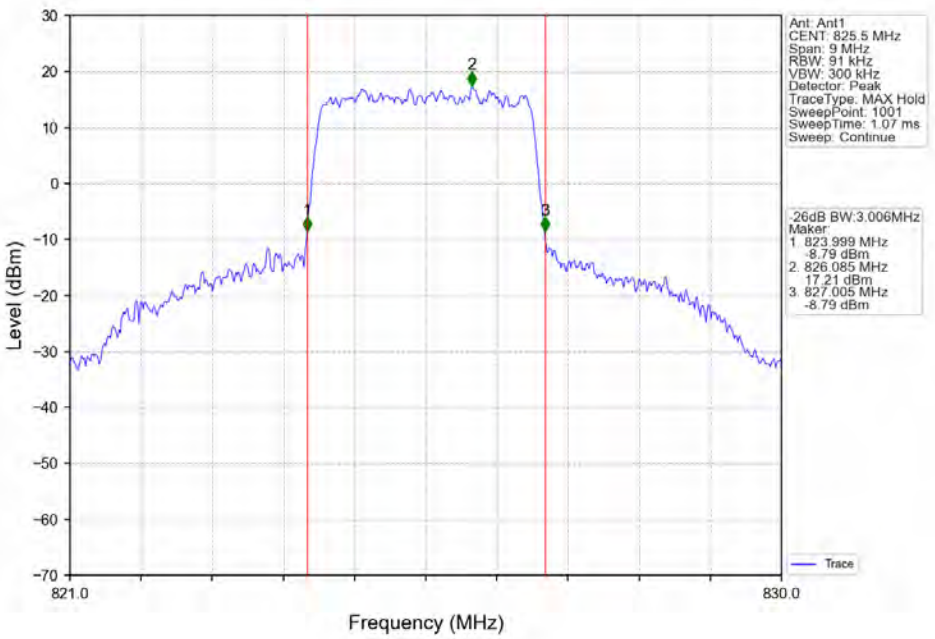
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



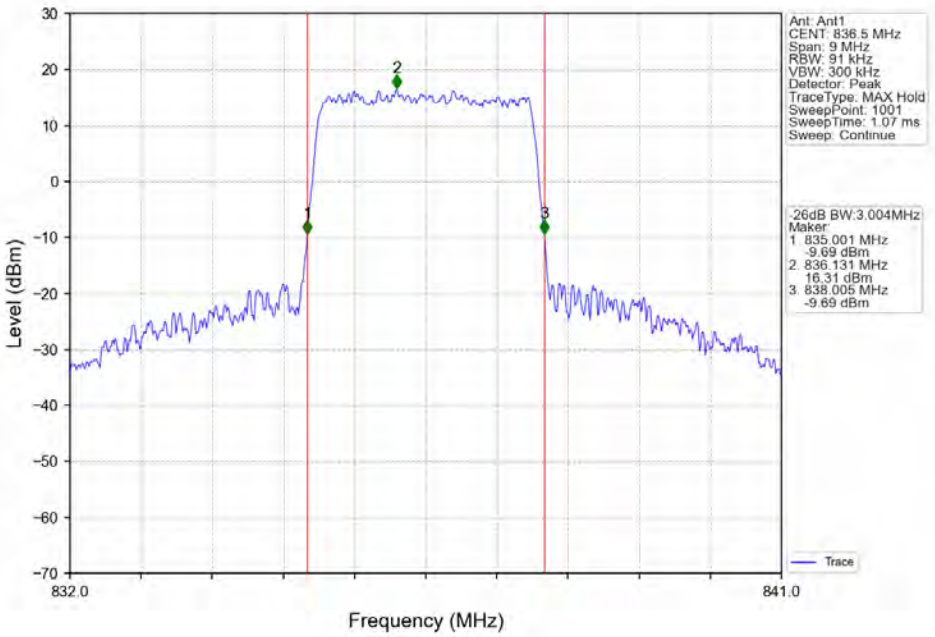
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



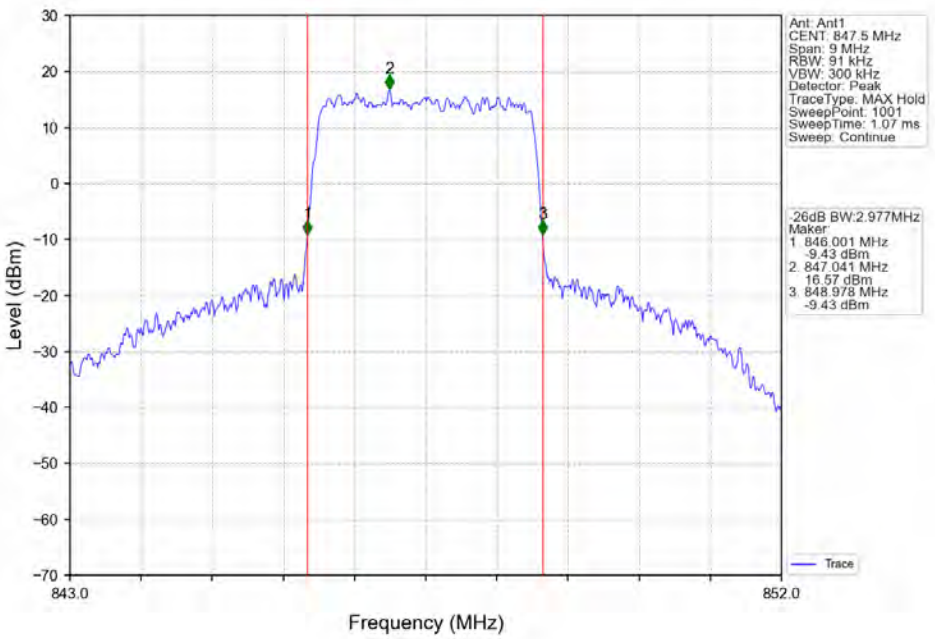
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



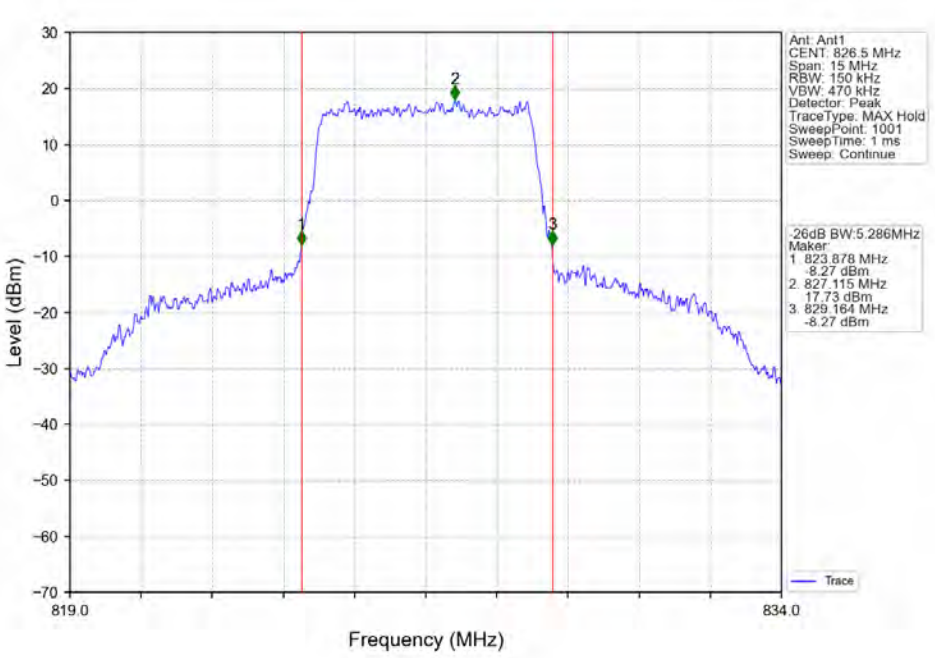
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



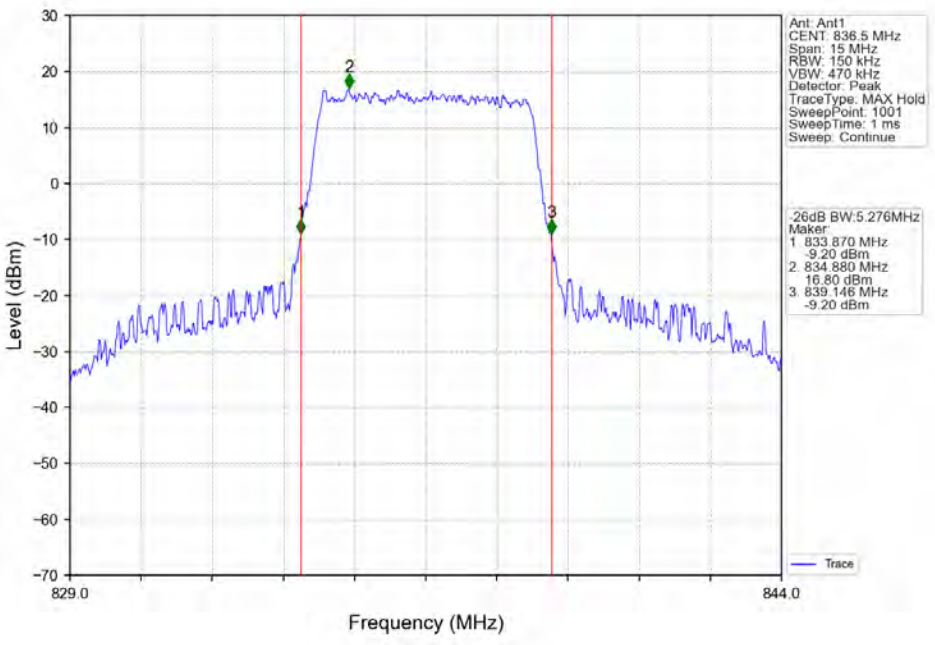
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



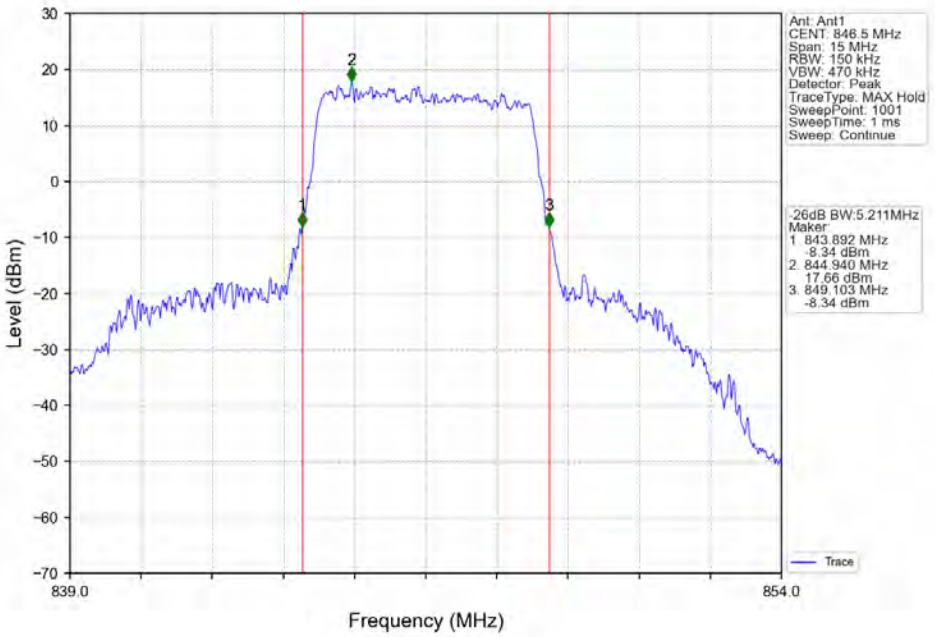
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



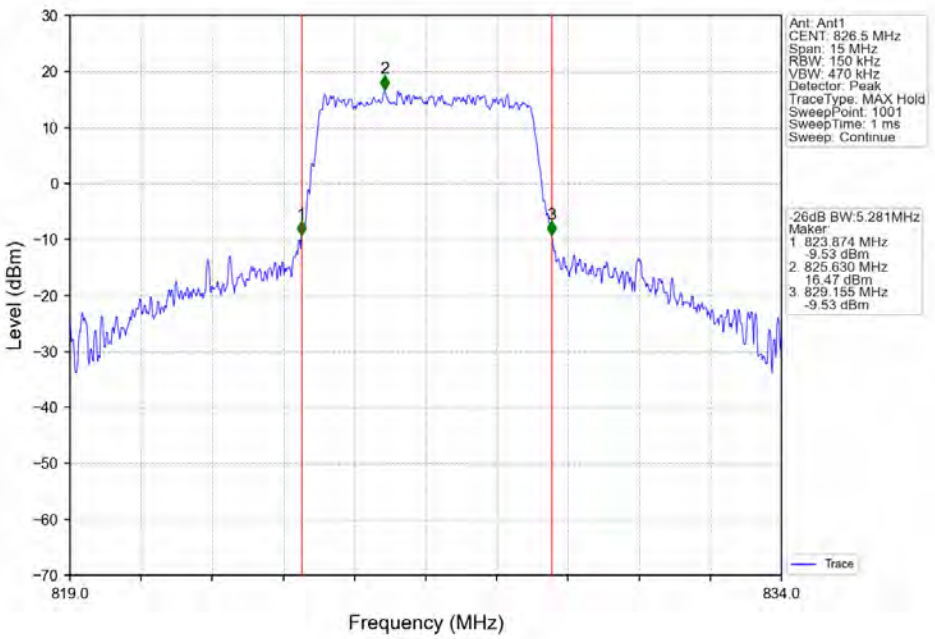
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



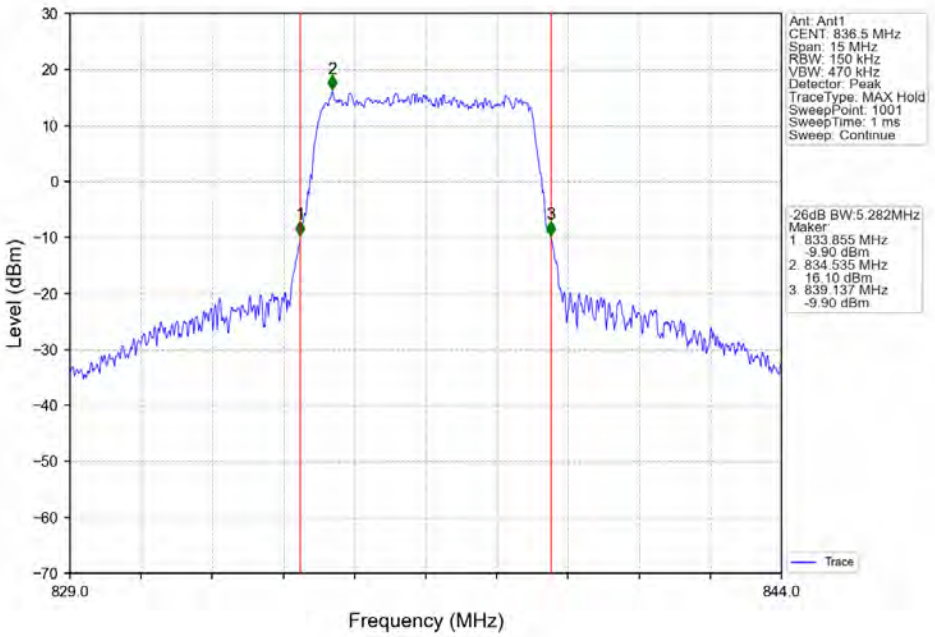
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



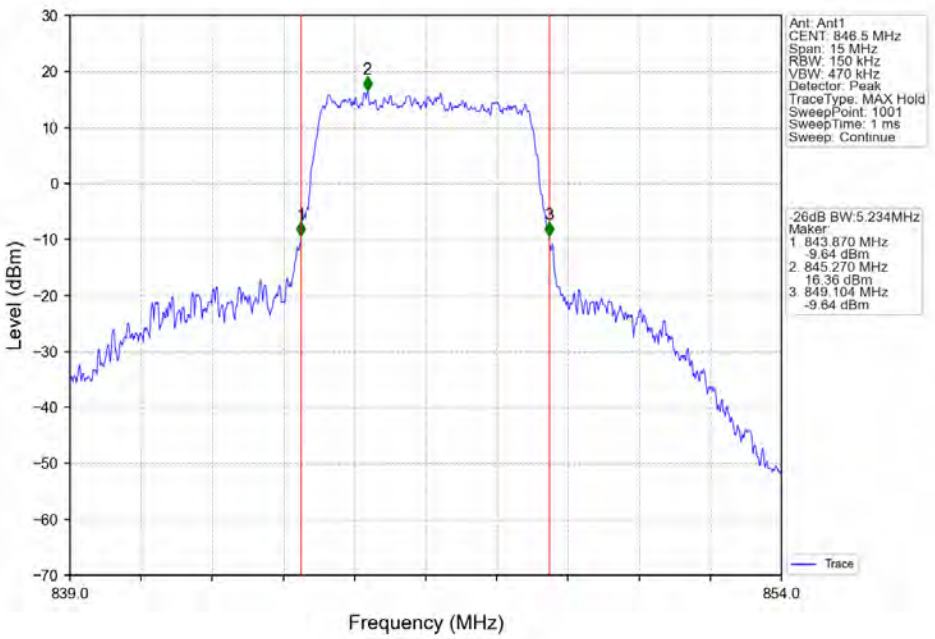
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



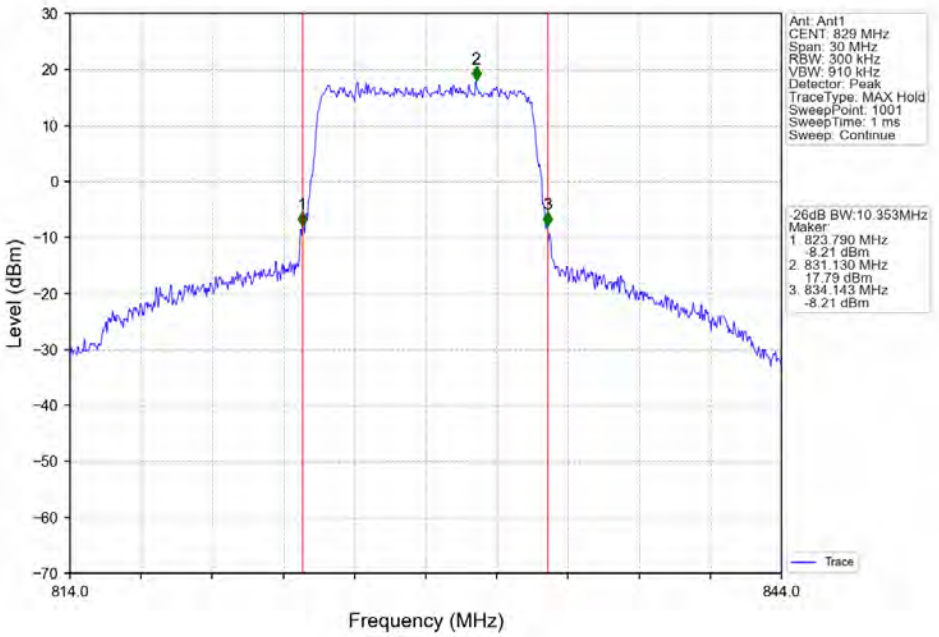
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



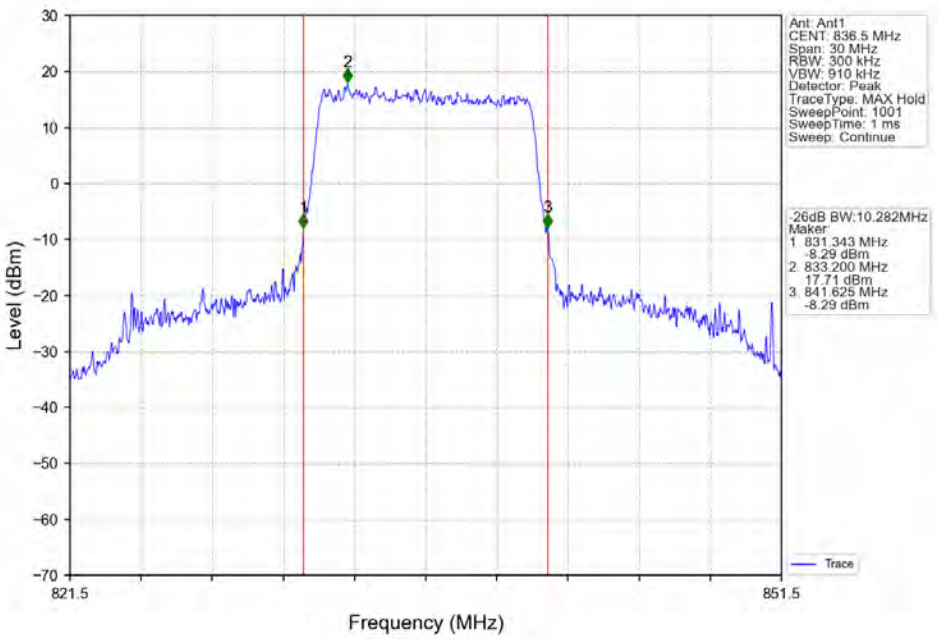
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



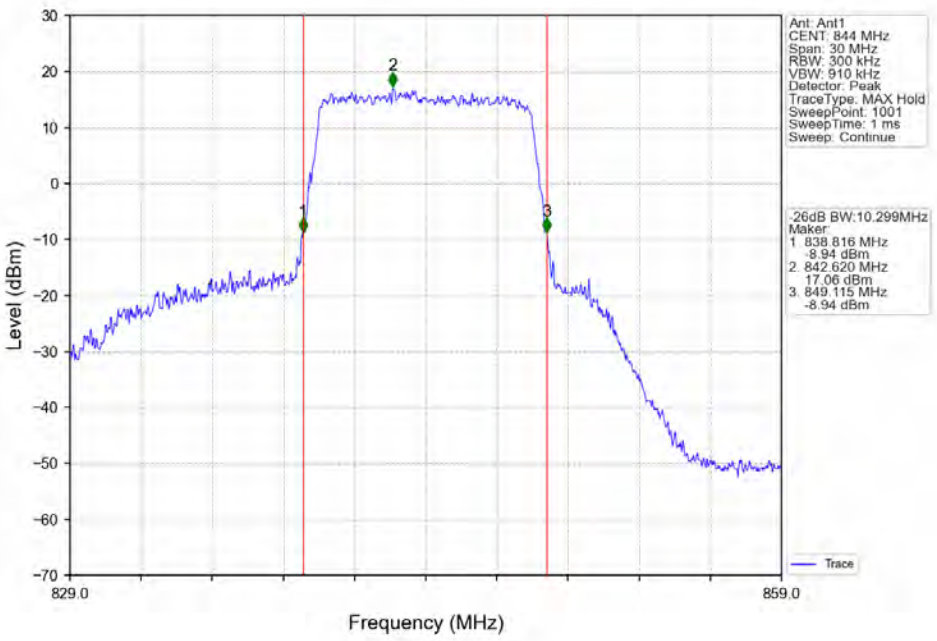
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



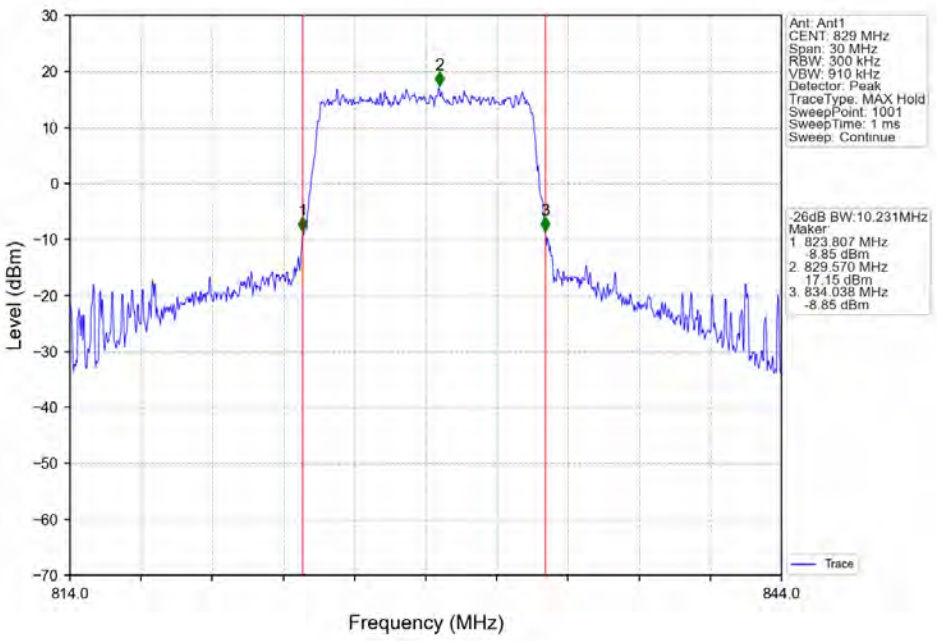
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



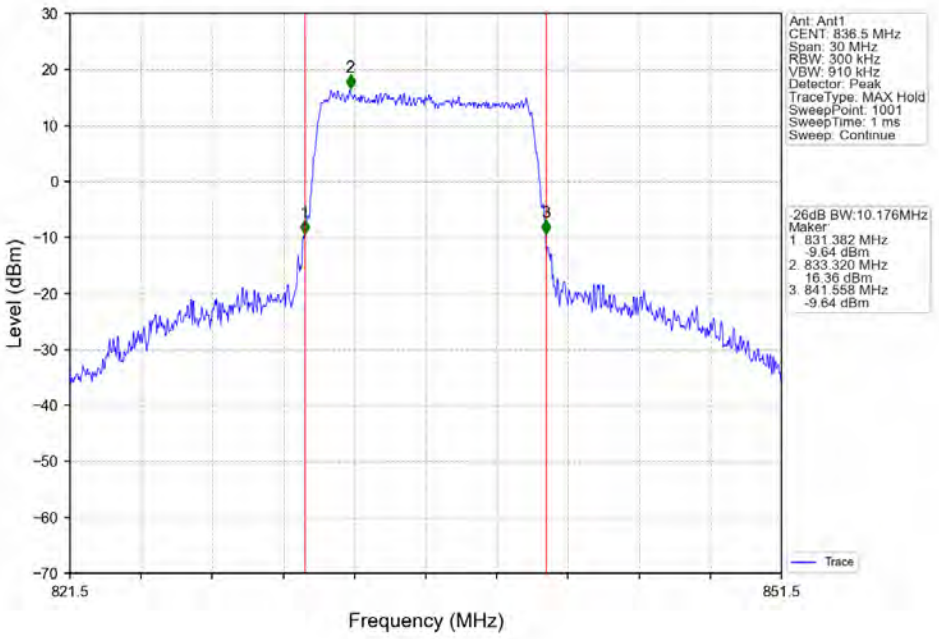
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



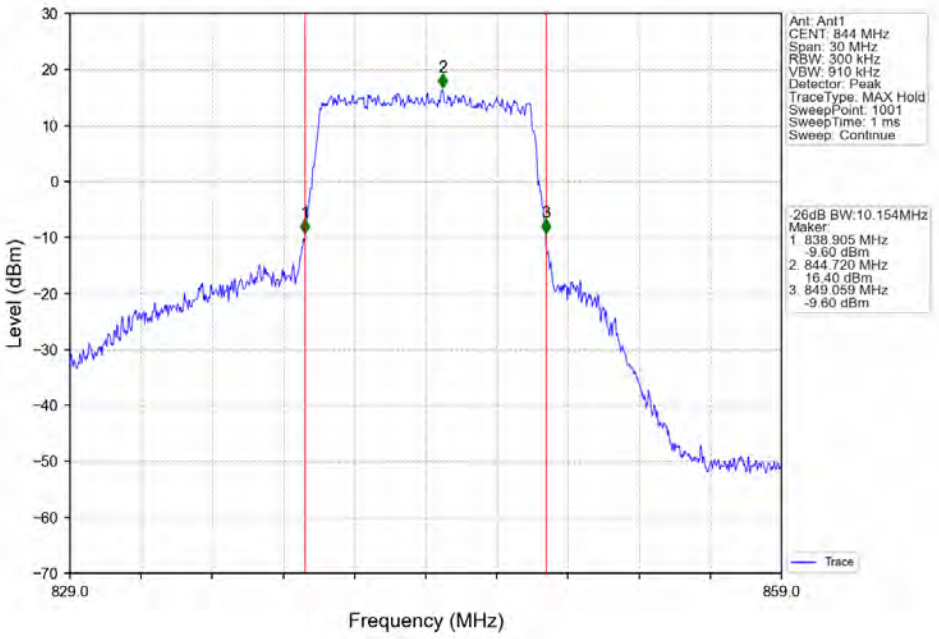
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

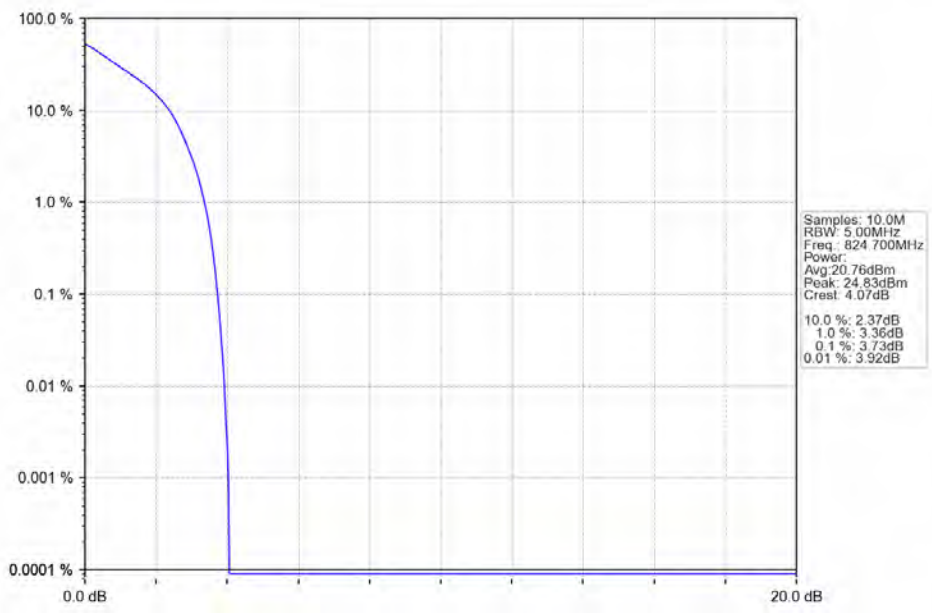
5.1 B5_1.4MHz

5.1.1 Test Result

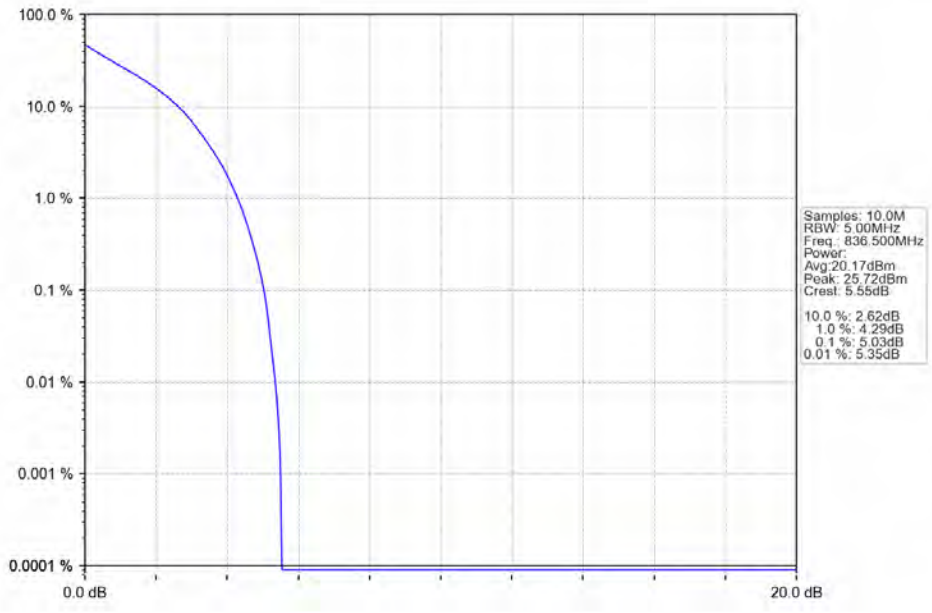
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	3.73	<=13	Pass
	836.5	6	0	5.03	<=13	Pass
	848.3	6	0	3.97	<=13	Pass
16QAM	824.7	6	0	4.63	<=13	Pass
	836.5	6	0	5.85	<=13	Pass
	848.3	6	0	5.12	<=13	Pass

5.1.2 Test Graph

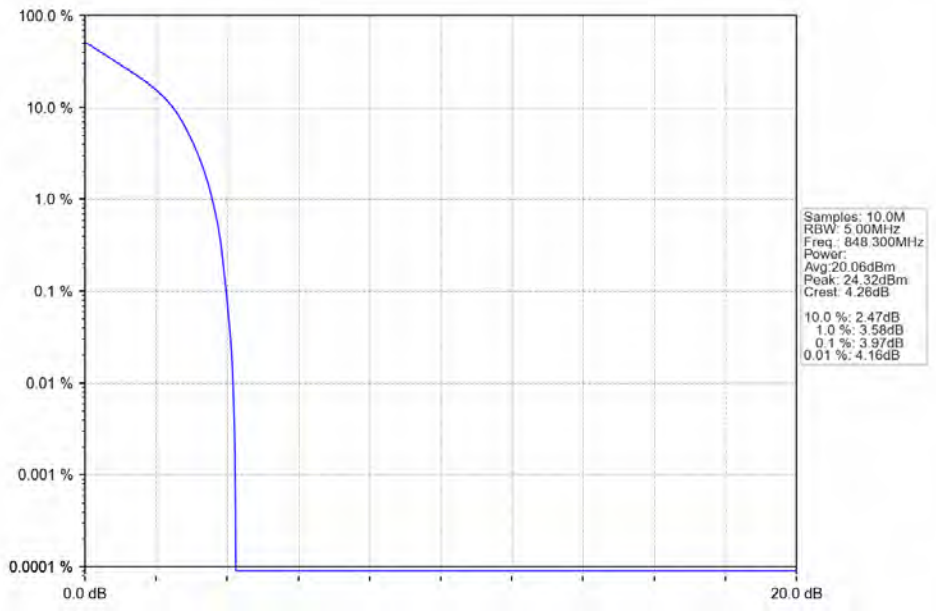
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



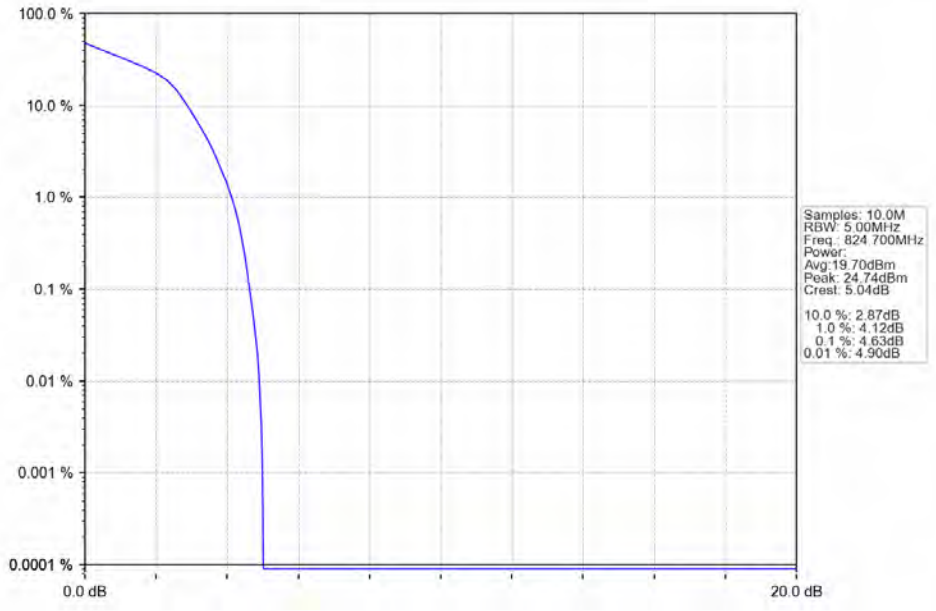
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



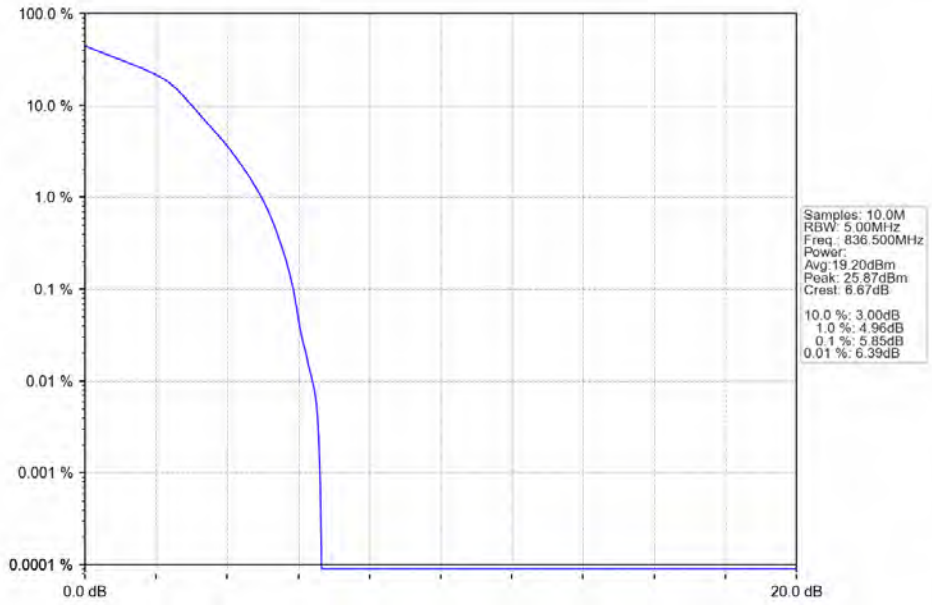
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



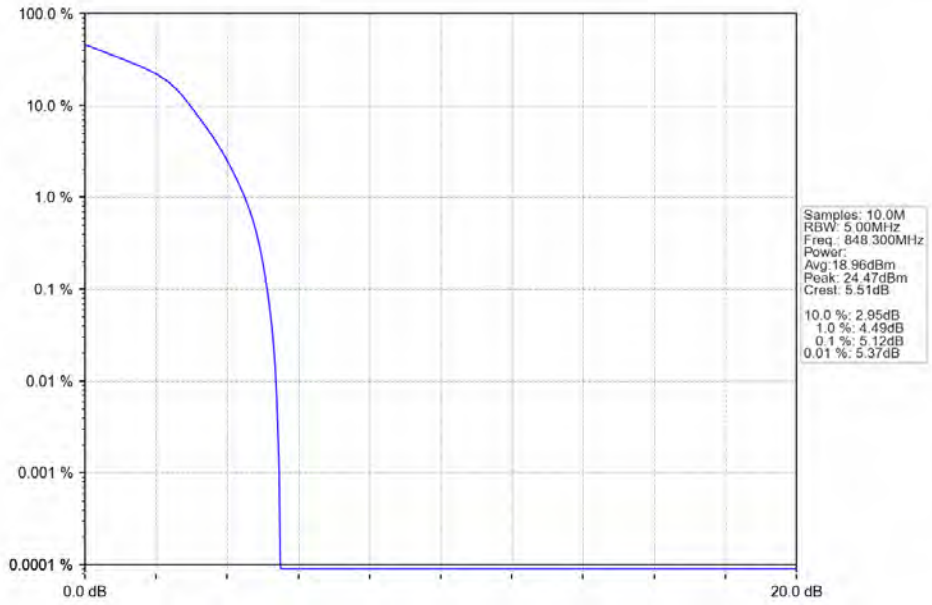
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



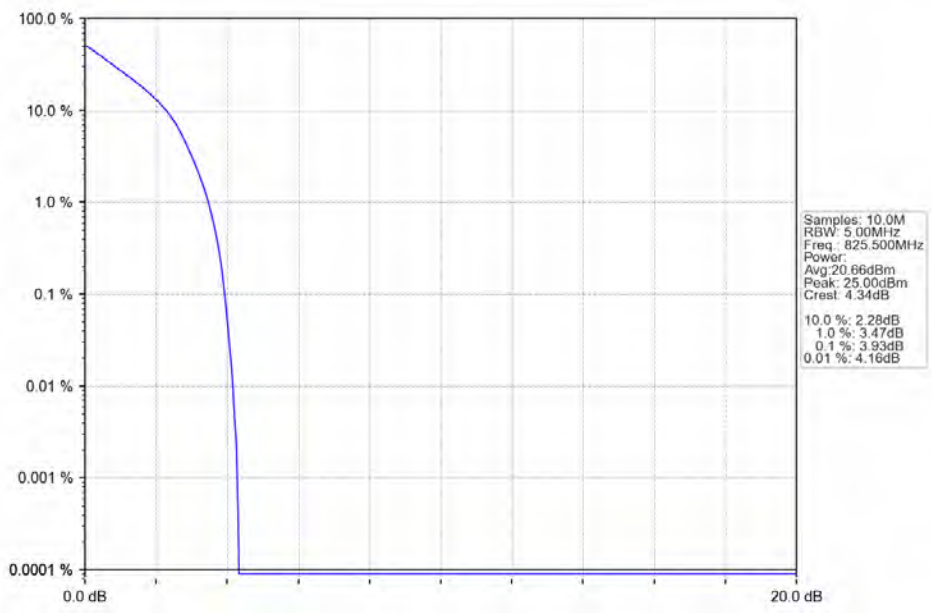
5.2 B5_3MHz

5.2.1 Test Result

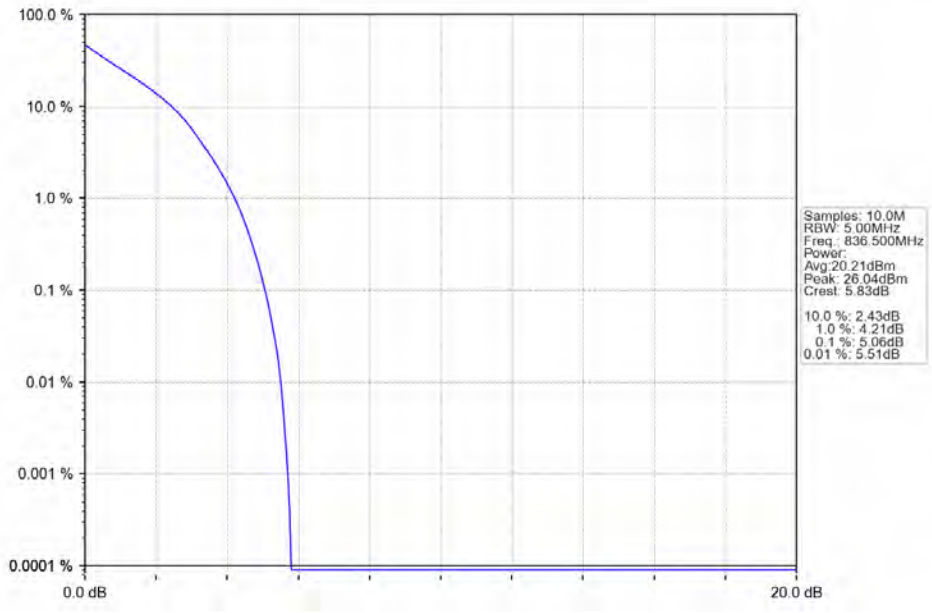
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	3.93	<=13	Pass
	836.5	15	0	5.06	<=13	Pass
	847.5	15	0	4.67	<=13	Pass
16QAM	825.5	15	0	4.79	<=13	Pass
	836.5	15	0	5.91	<=13	Pass
	847.5	15	0	5.58	<=13	Pass

5.2.2 Test Graph

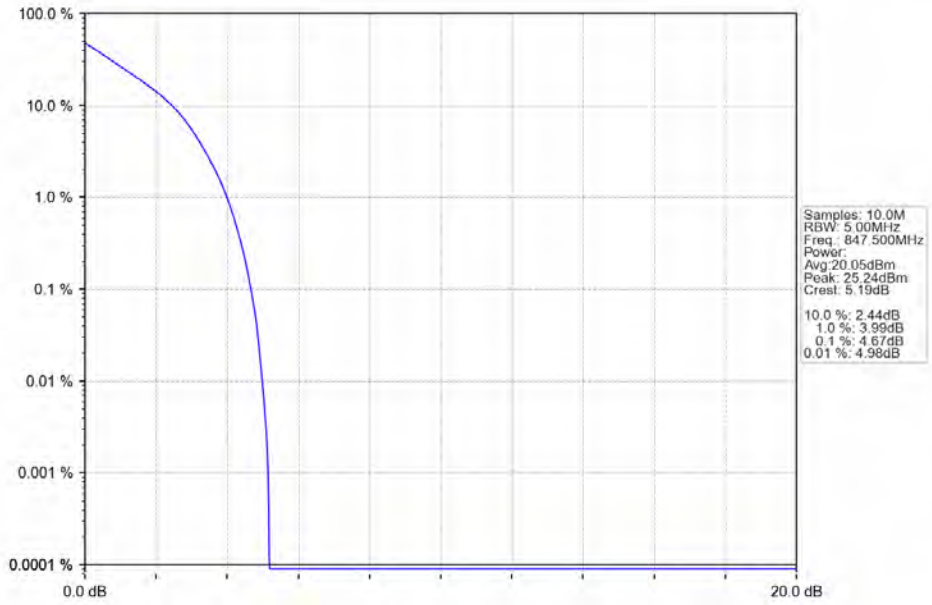
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



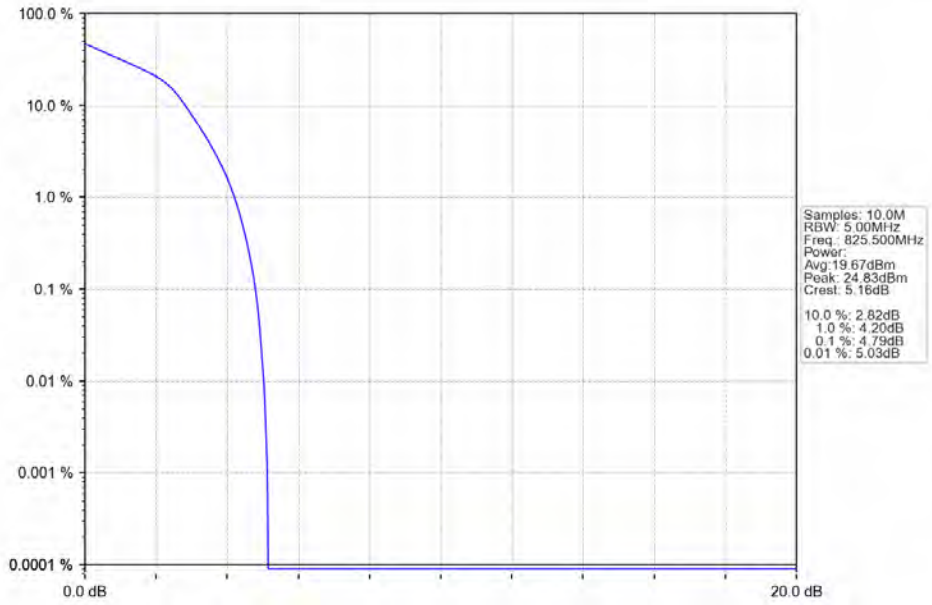
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



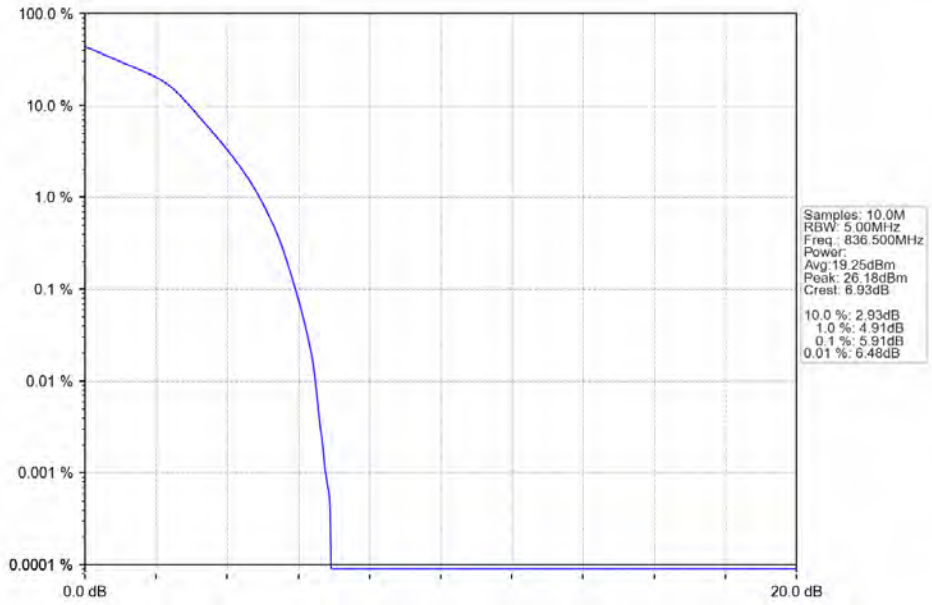
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



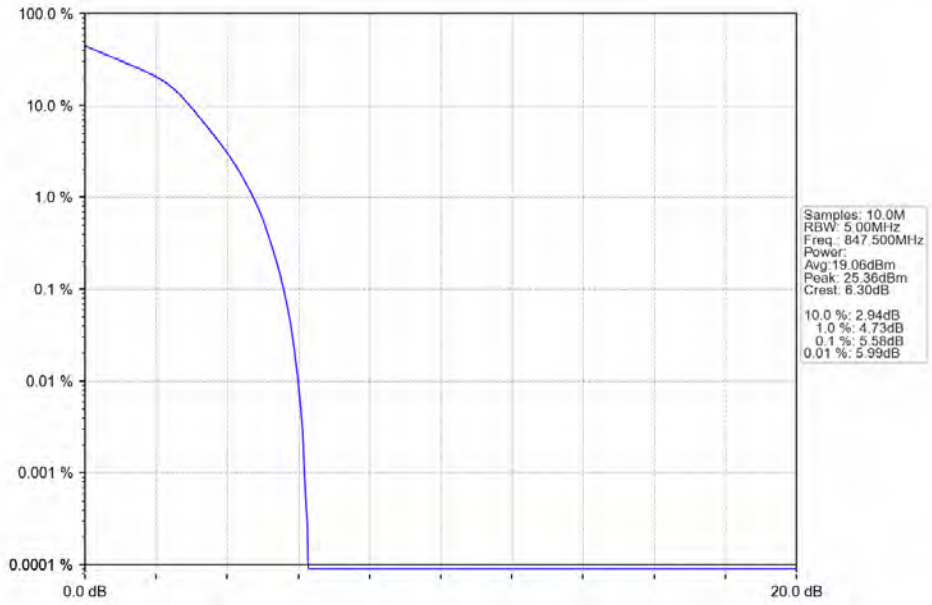
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



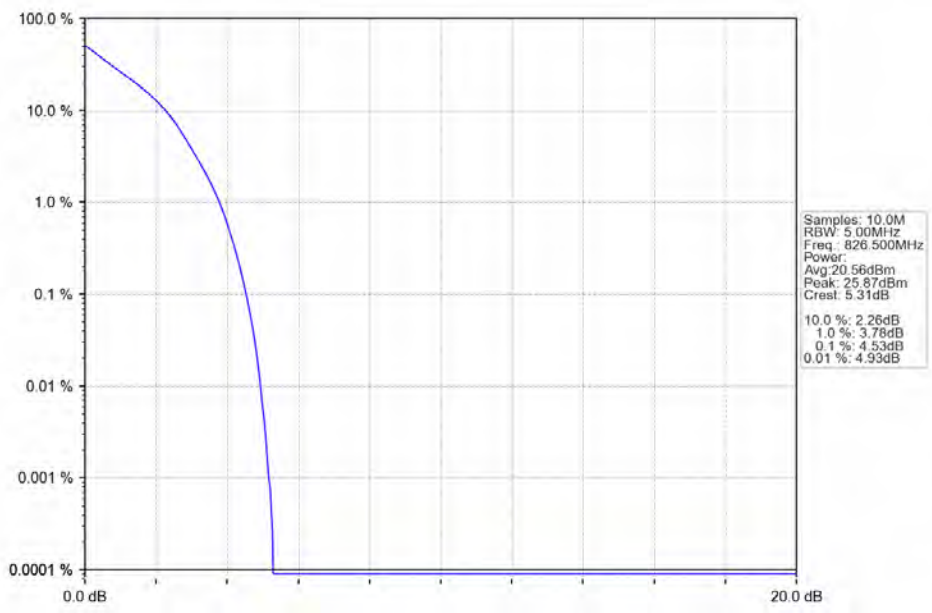
5.3 B5_5MHz

5.3.1 Test Result

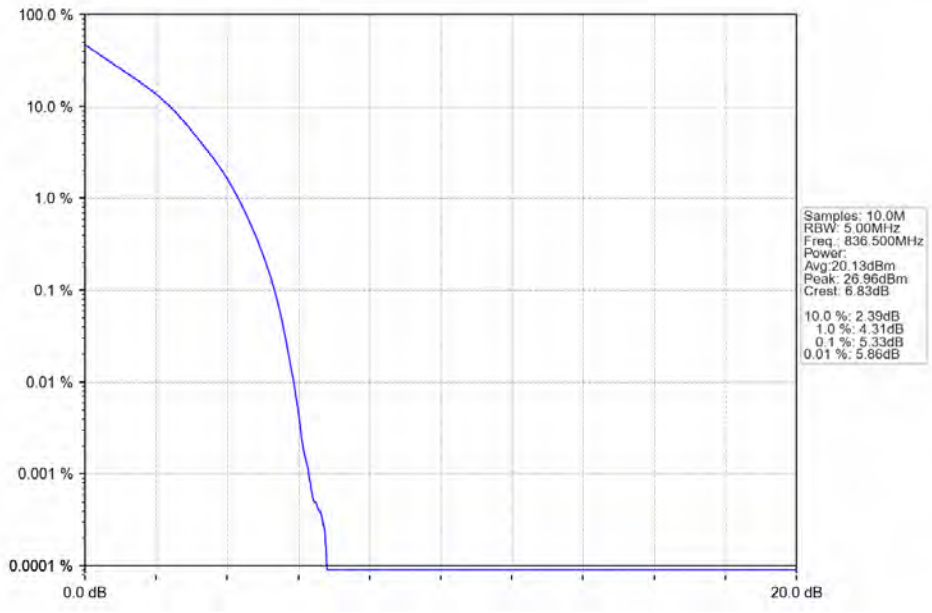
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.53	<=13	Pass
	836.5	25	0	5.33	<=13	Pass
	846.5	25	0	4.99	<=13	Pass
16QAM	826.5	25	0	5.26	<=13	Pass
	836.5	25	0	6.04	<=13	Pass
	846.5	25	0	5.75	<=13	Pass

5.3.2 Test Graph

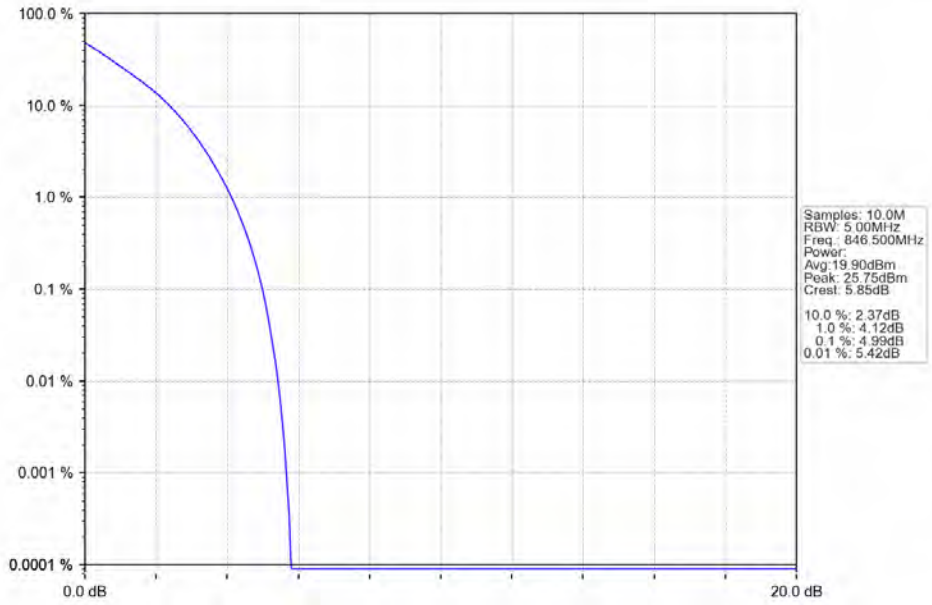
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



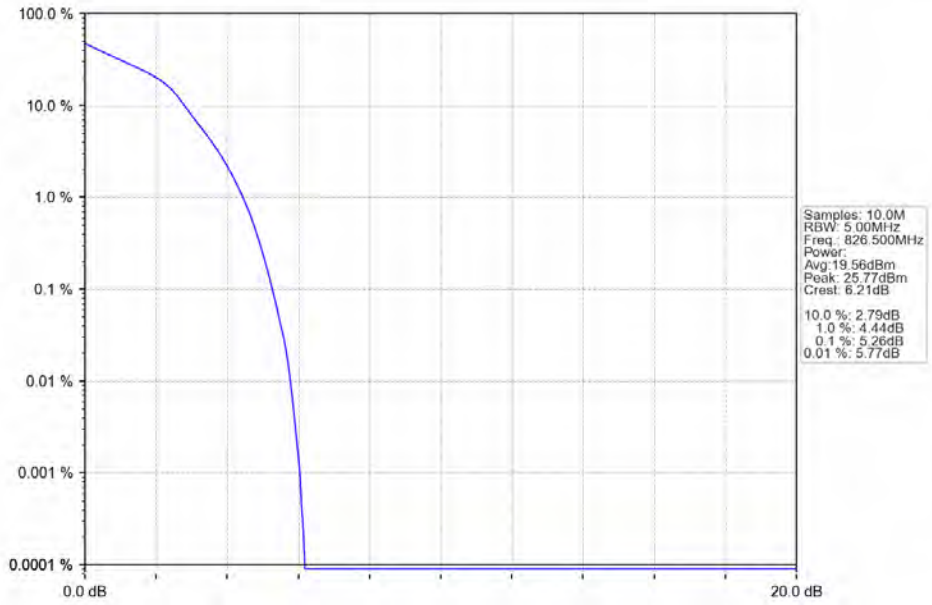
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



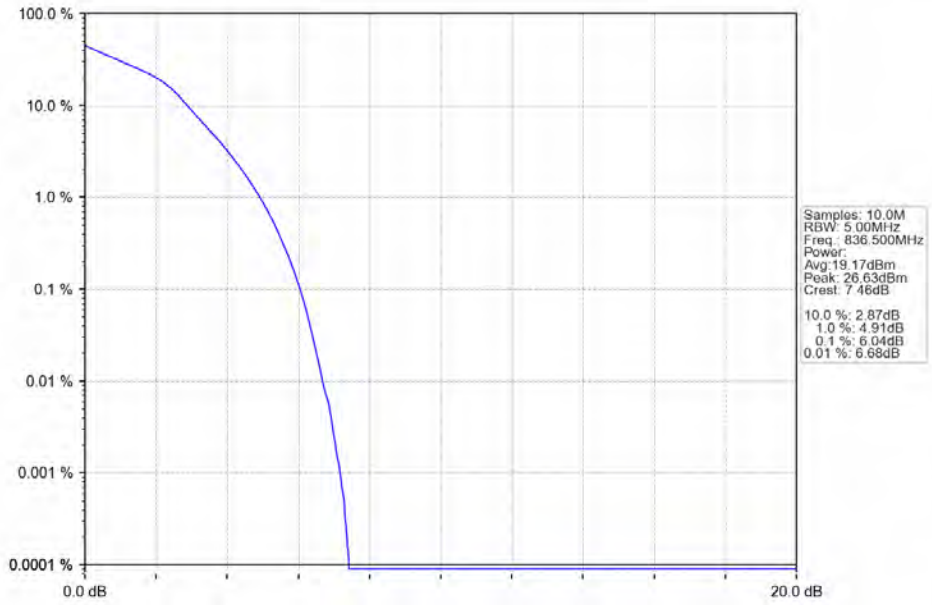
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



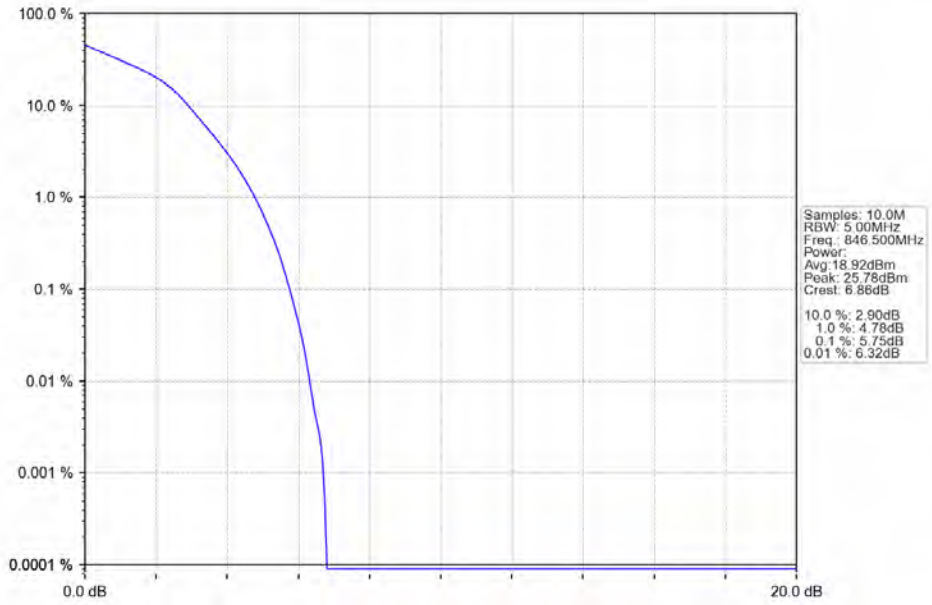
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



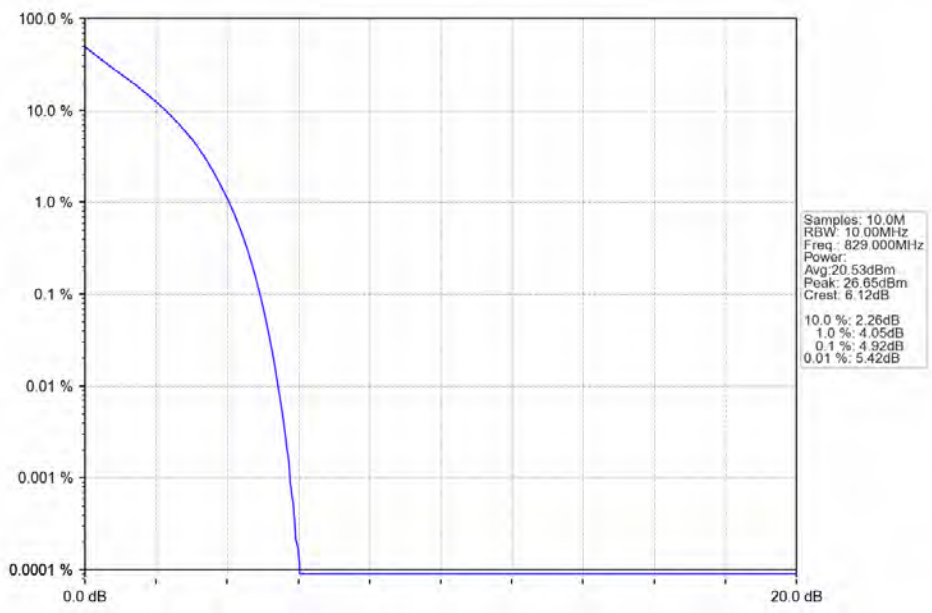
5.4 B5_10MHz

5.4.1 Test Result

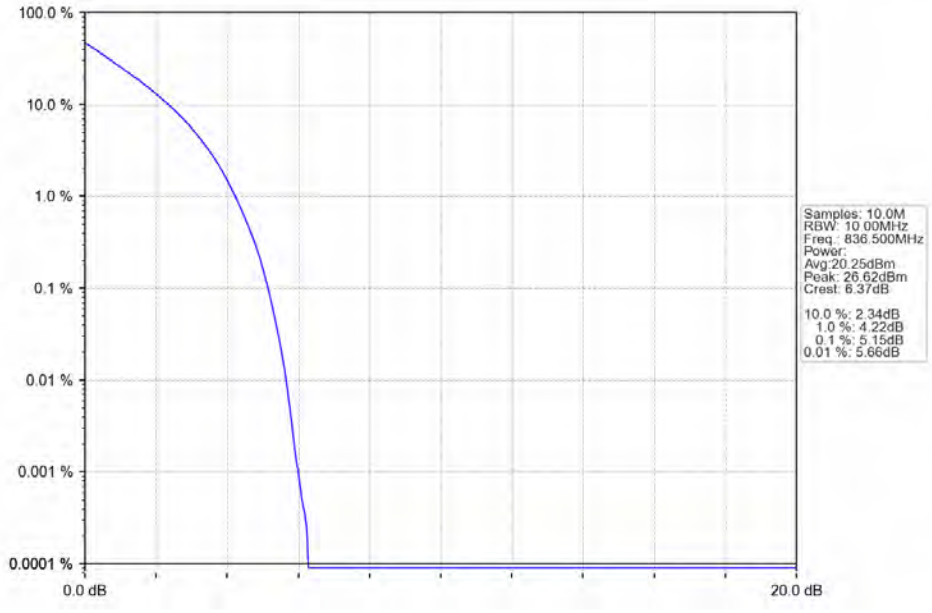
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.92	<=13	Pass
	836.5	50	0	5.15	<=13	Pass
	844	50	0	5.02	<=13	Pass
16QAM	829	50	0	5.67	<=13	Pass
	836.5	50	0	5.96	<=13	Pass
	844	50	0	5.80	<=13	Pass

5.4.2 Test Graph

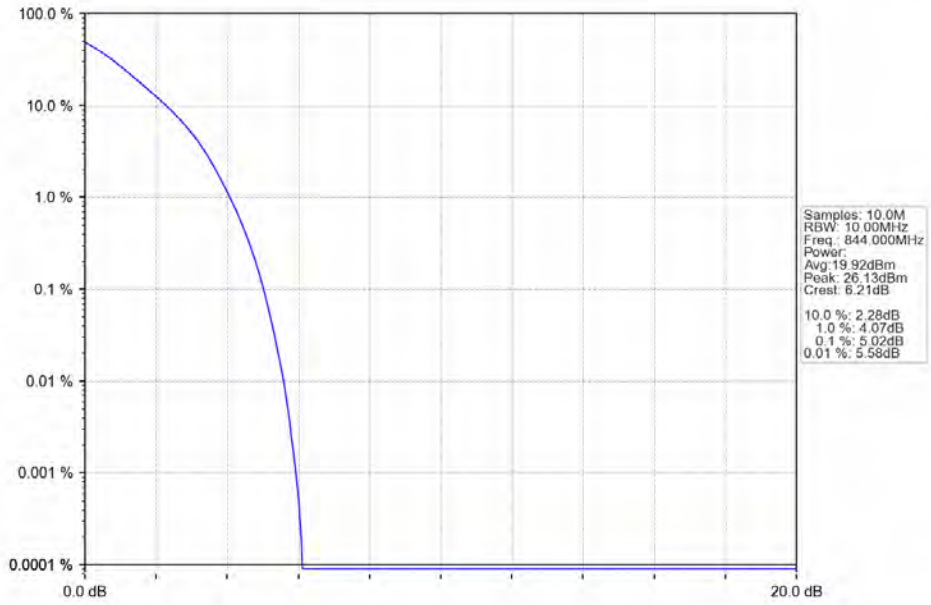
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



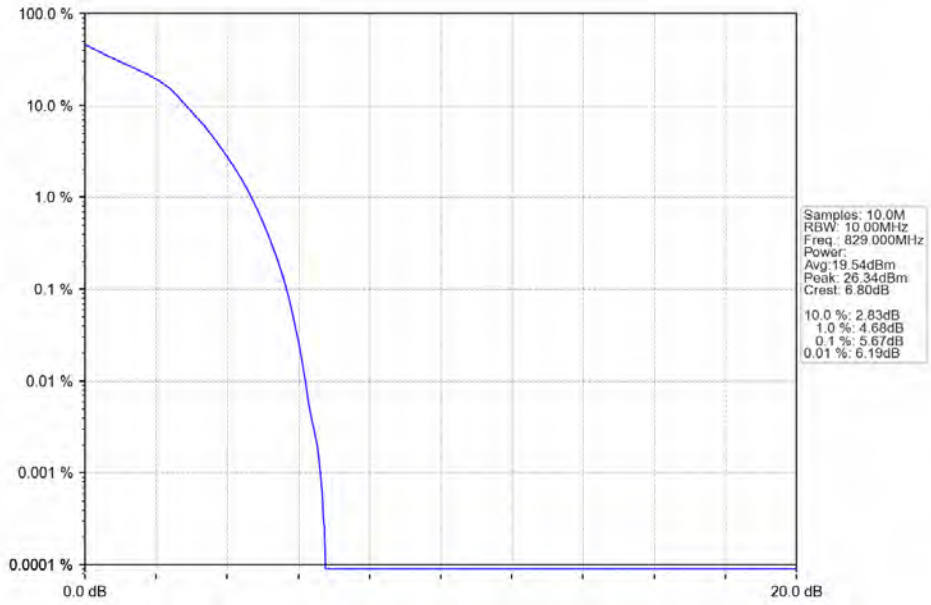
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



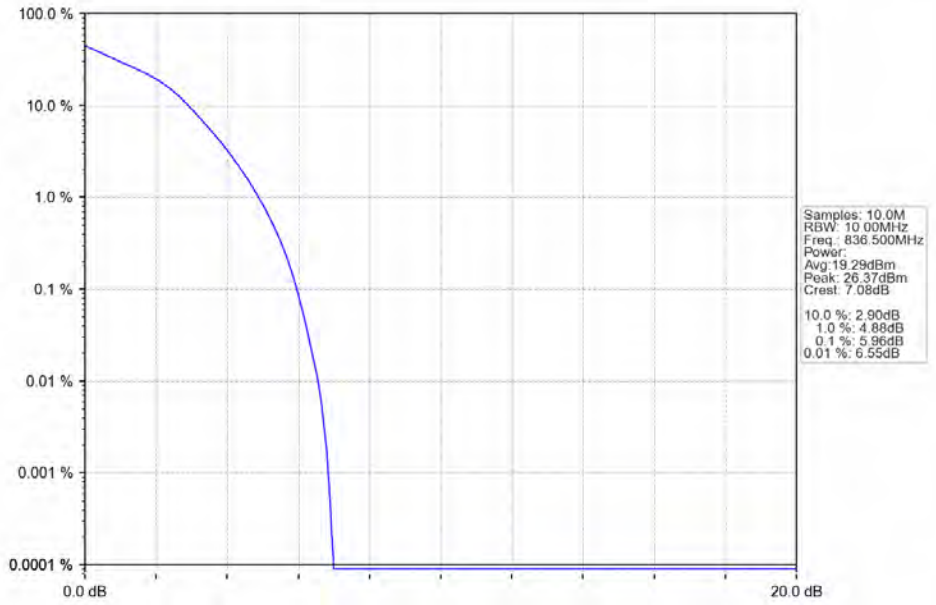
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



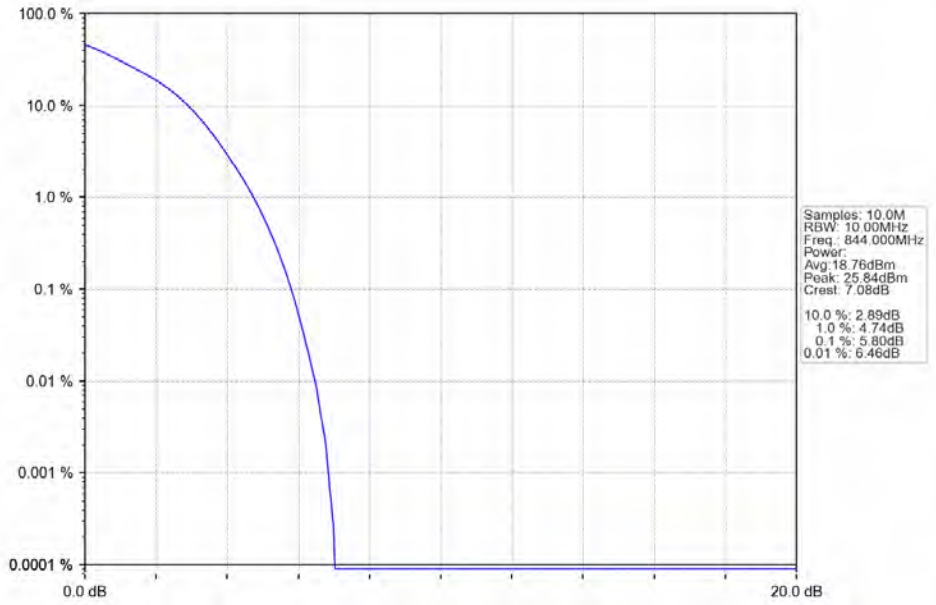
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

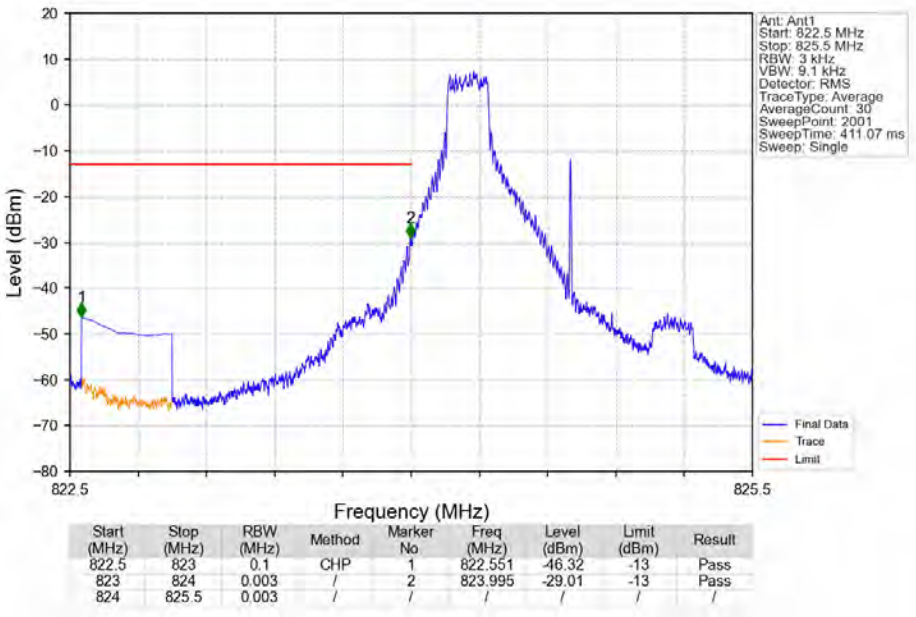
6.1 B5_1.4MHz

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

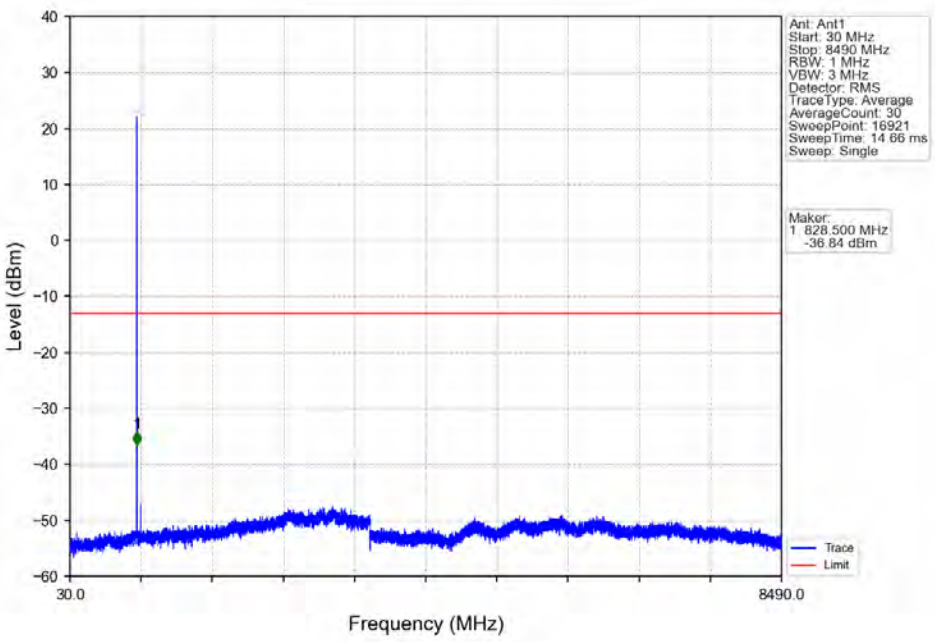
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

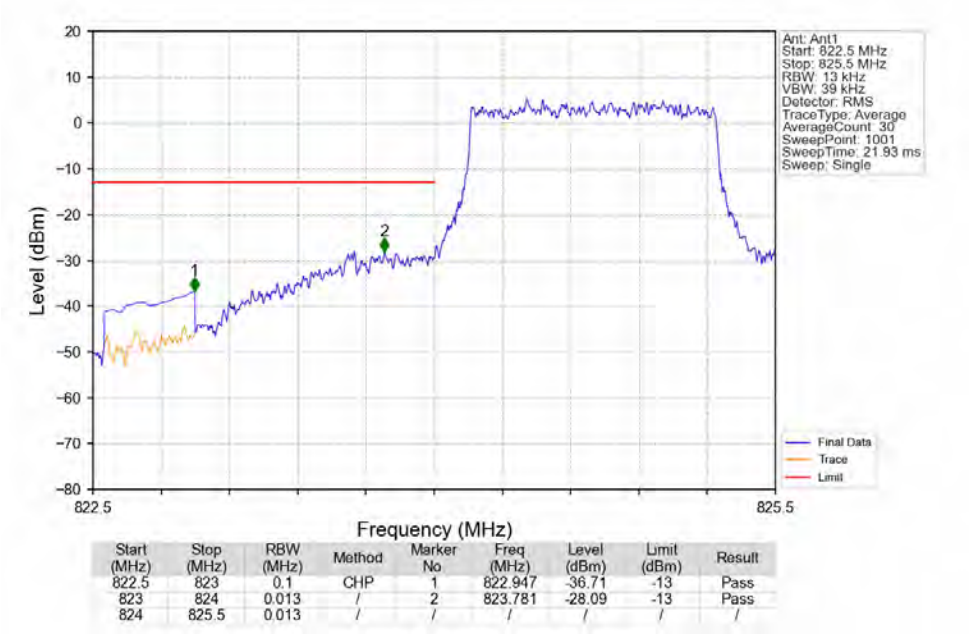


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-46.32	-13	Pass
823	824	0.003	/	2	823.995	-29.01	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

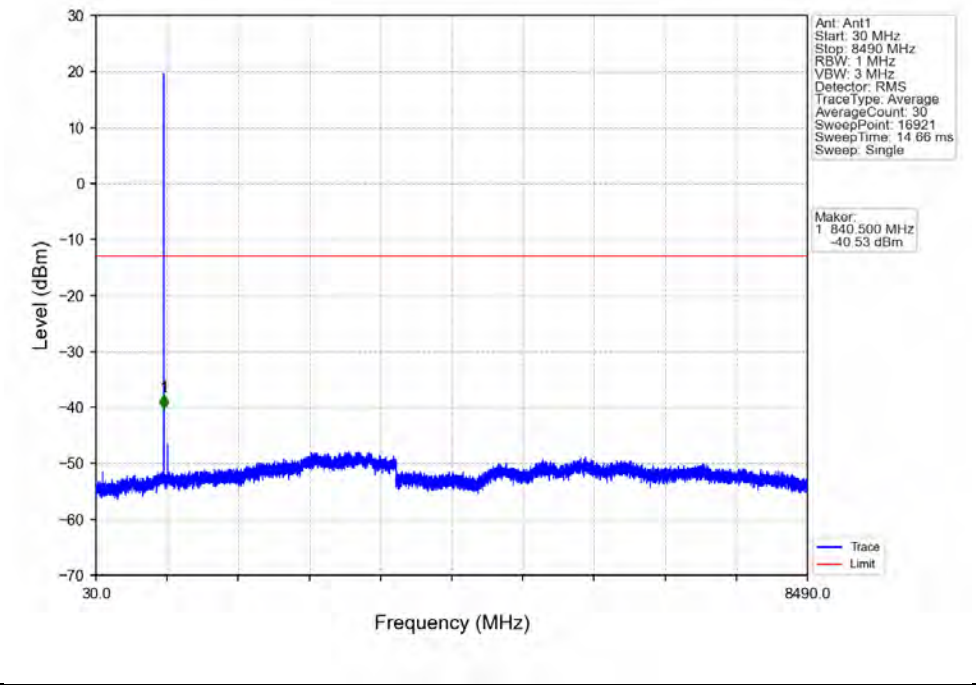


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

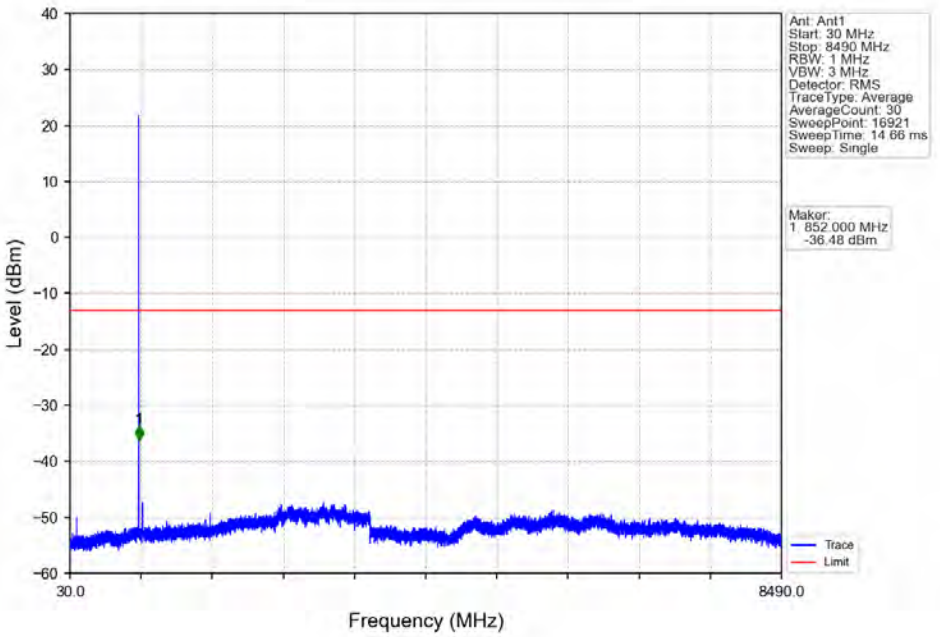


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-36.71	-13	Pass
823	824	0.013	/	2	823.781	-28.09	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

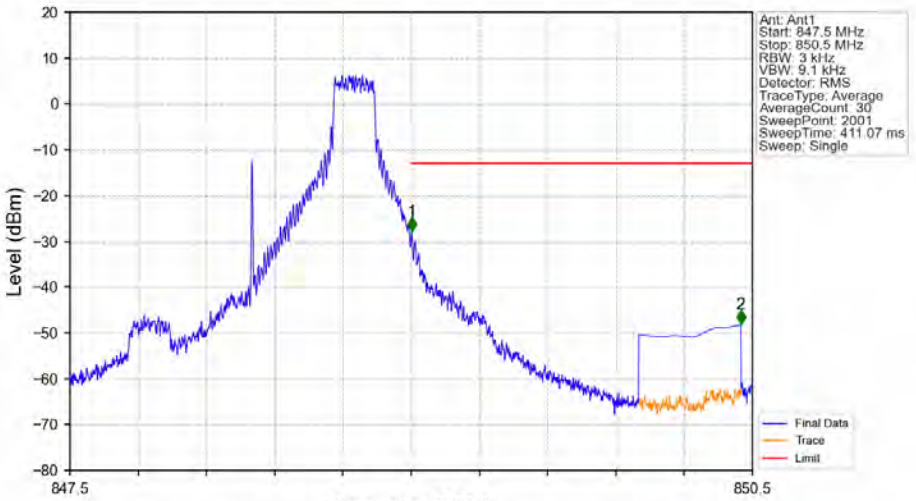
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

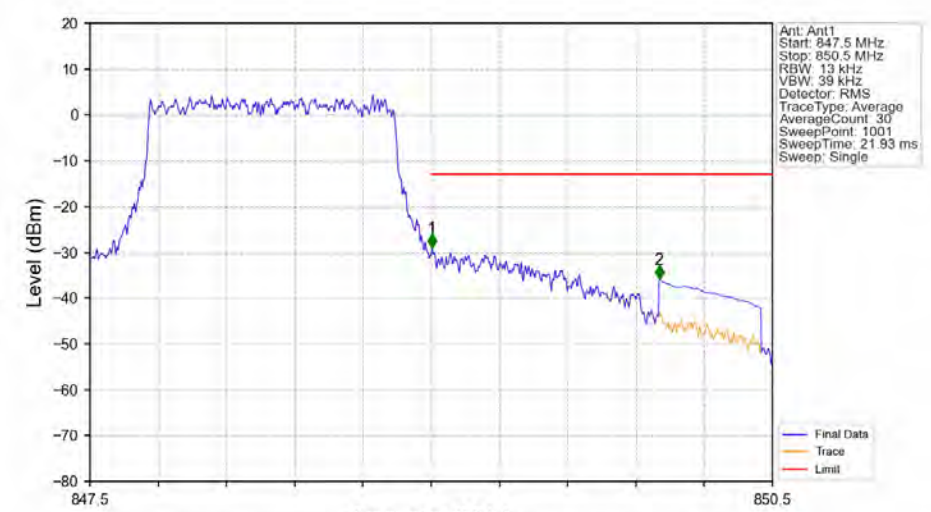


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



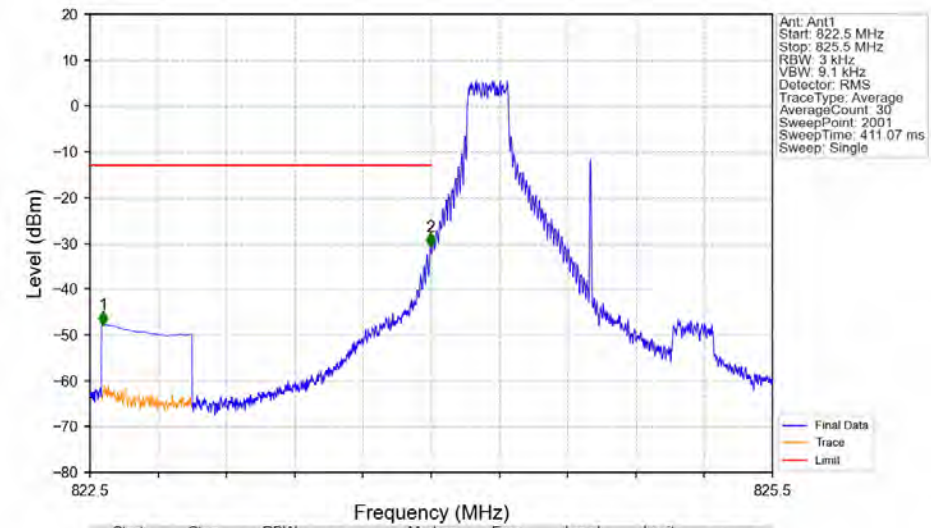
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-27.87	-13	Pass
850	850.5	0.1	CHP	2	850.449	-48.11	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



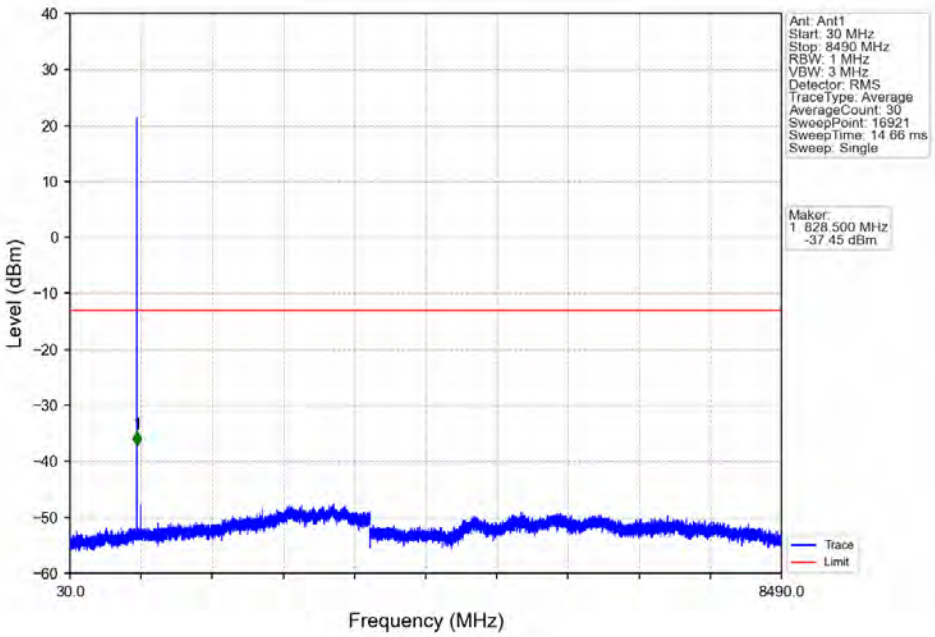
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.003	-29.06	-13	Pass
850	850.5	0.1	CHP	2	850.002	-35.89	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

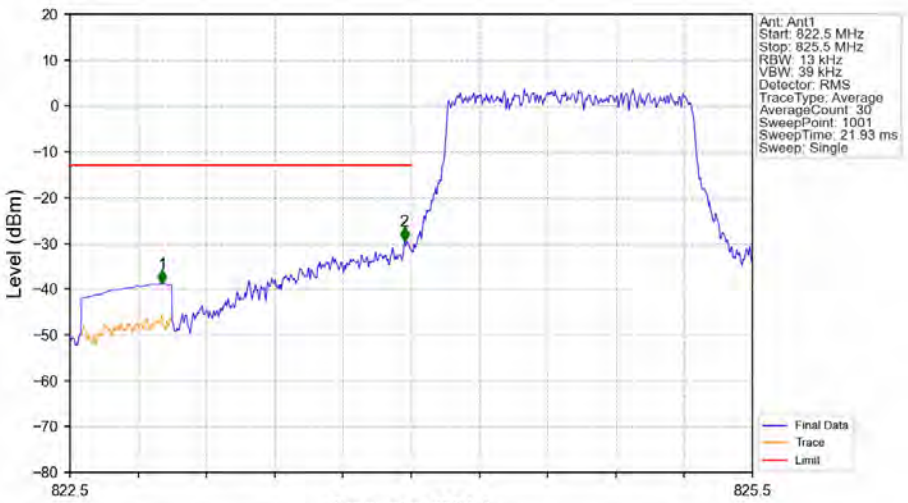


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.557	-47.81	-13	Pass
823	824	0.003	/	2	823.995	-30.81	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

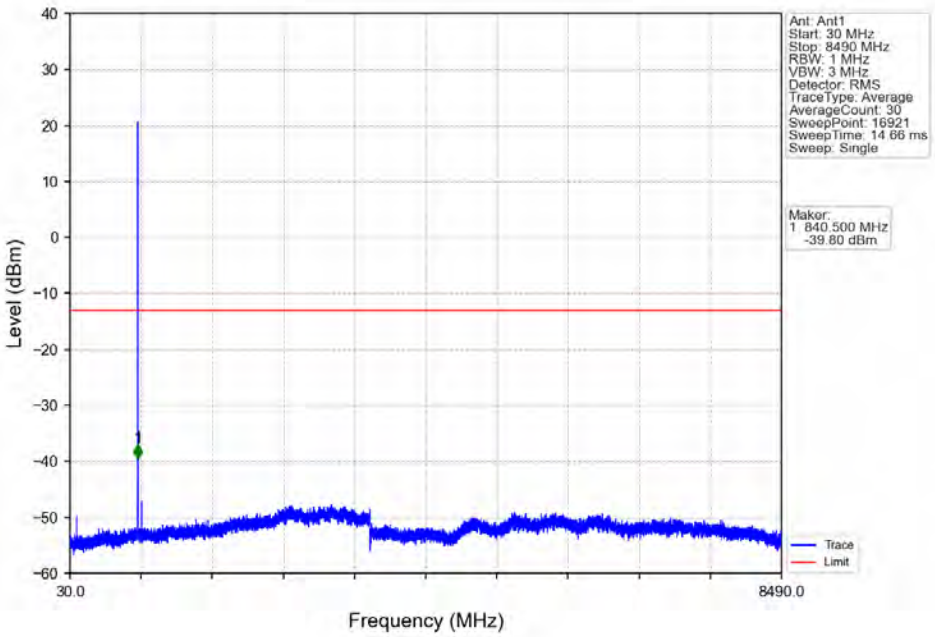


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

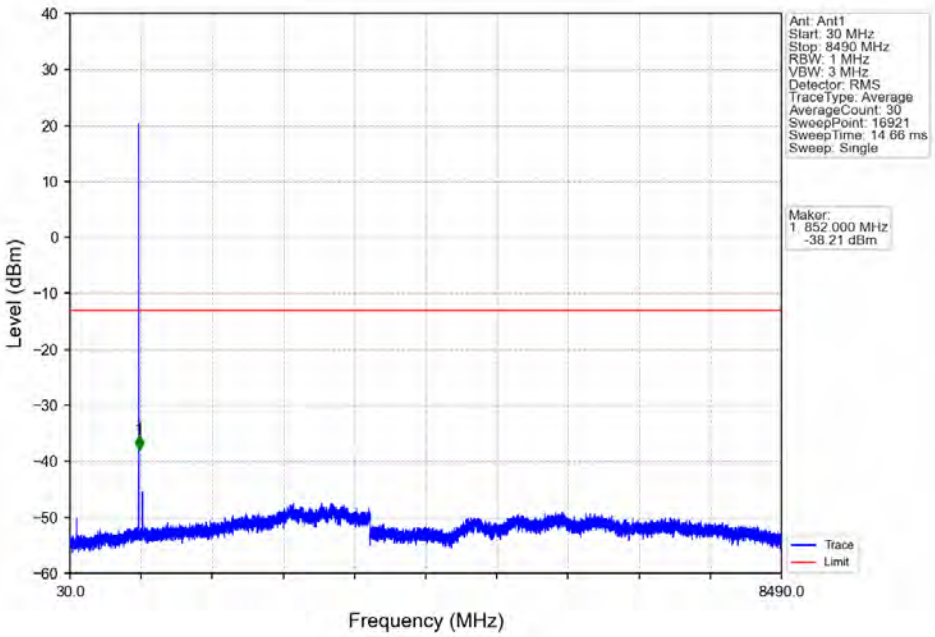


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.905	-38.86	-13	Pass
823	824	0.013	/	2	823.970	-29.59	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

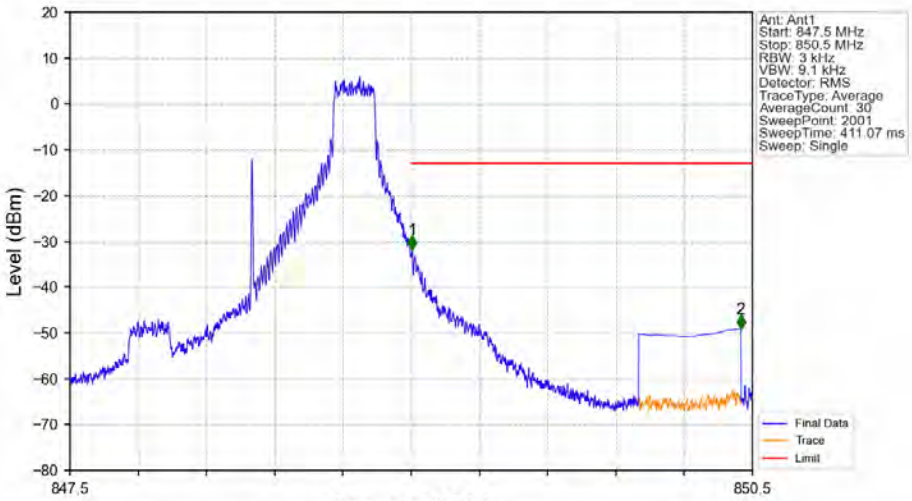
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

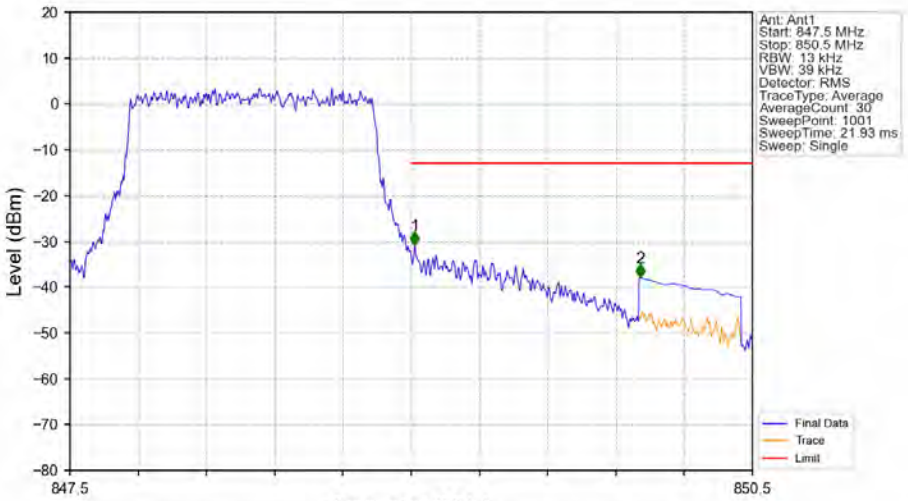


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



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	849.005	-31.88	-13	Pass
850	850.5	0.1	CHP	2	850.449	-49.08	-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	849.015	-31.01	-13	Pass
850	850.5	0.1	CHP	2	850.008	-38.09	-13	Pass

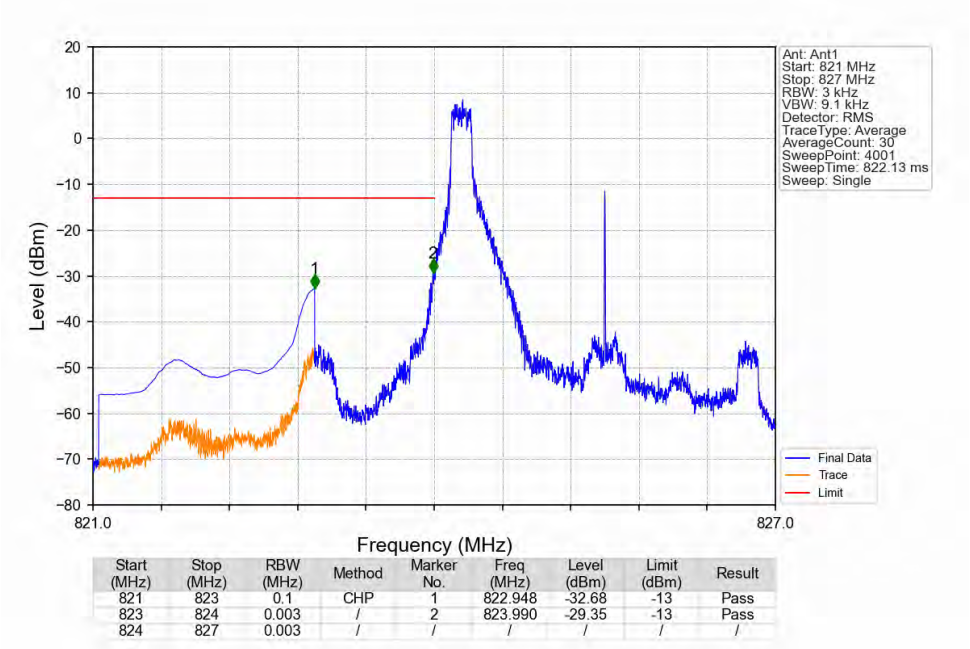
6.2 B5_3MHz

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

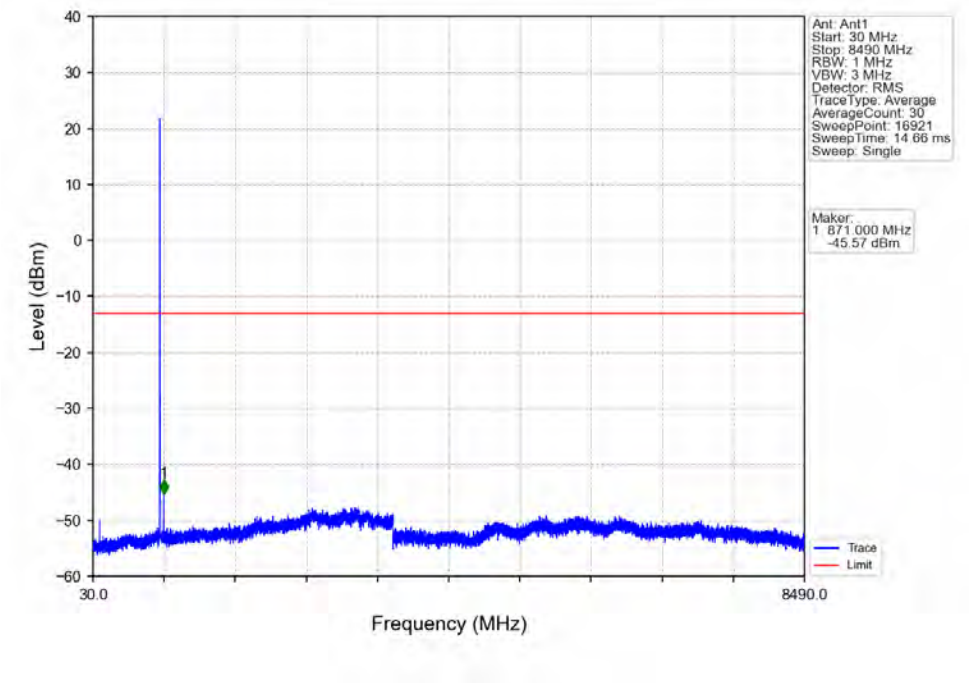
6.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

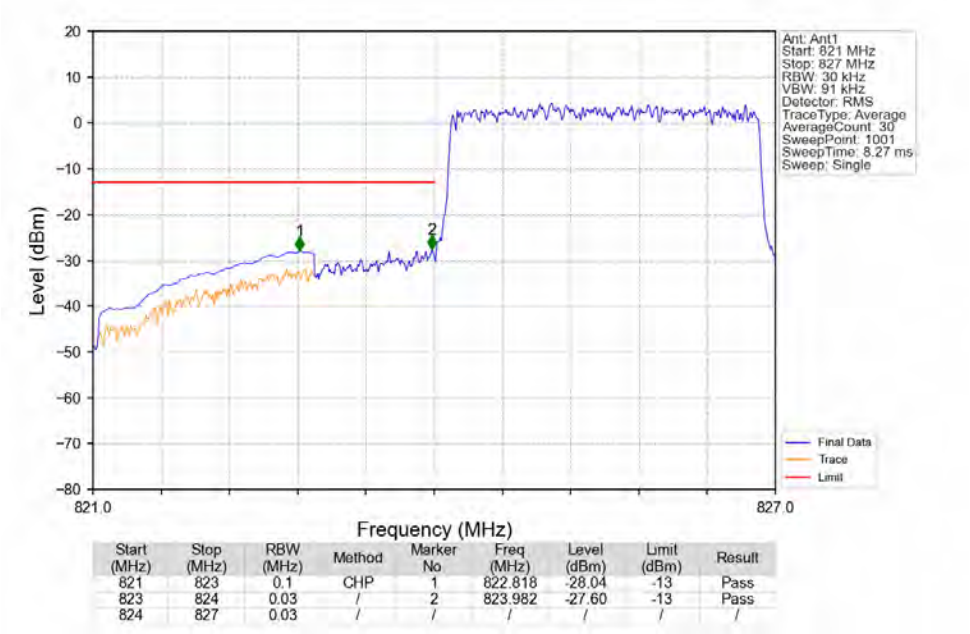


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-32.68	-13	Pass
823	824	0.003	/	2	823.990	-29.35	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

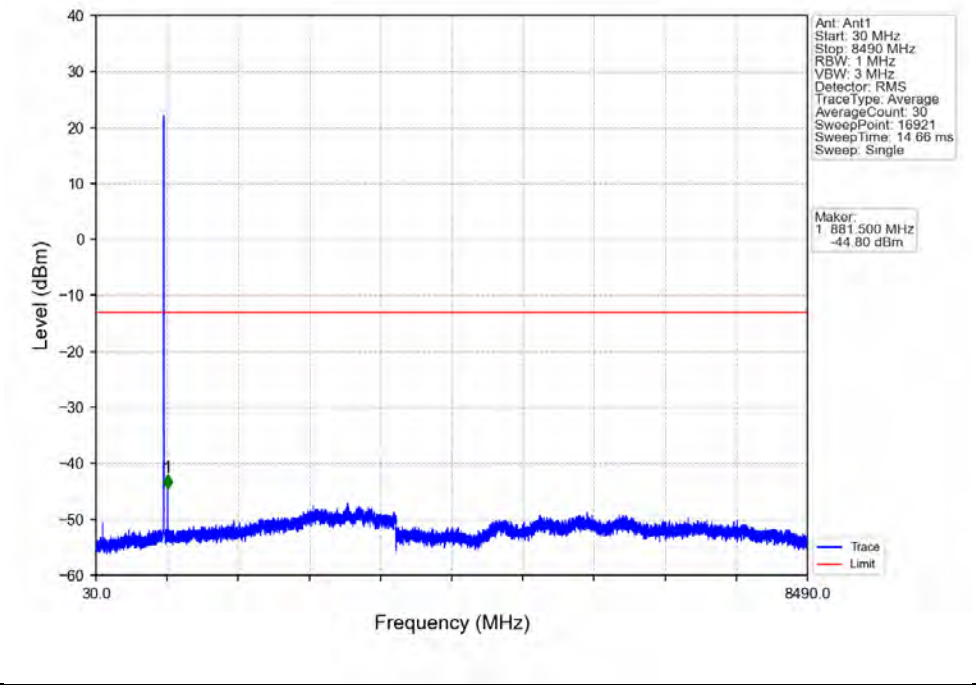


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

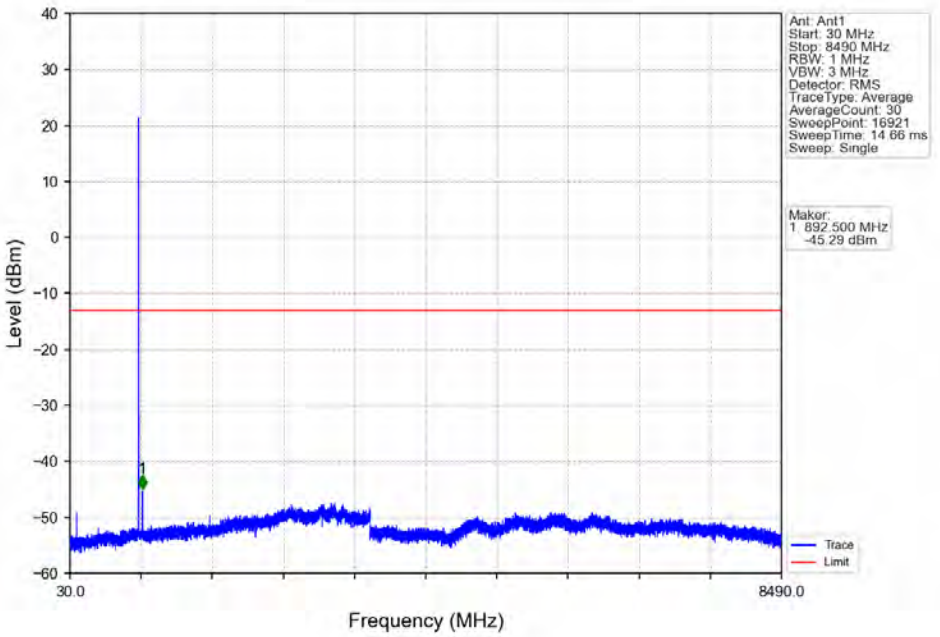


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.818	-28.04	-13	Pass
823	824	0.03	/	2	823.982	-27.60	-13	Pass
824	827	0.03	/	/	/	/	/	/

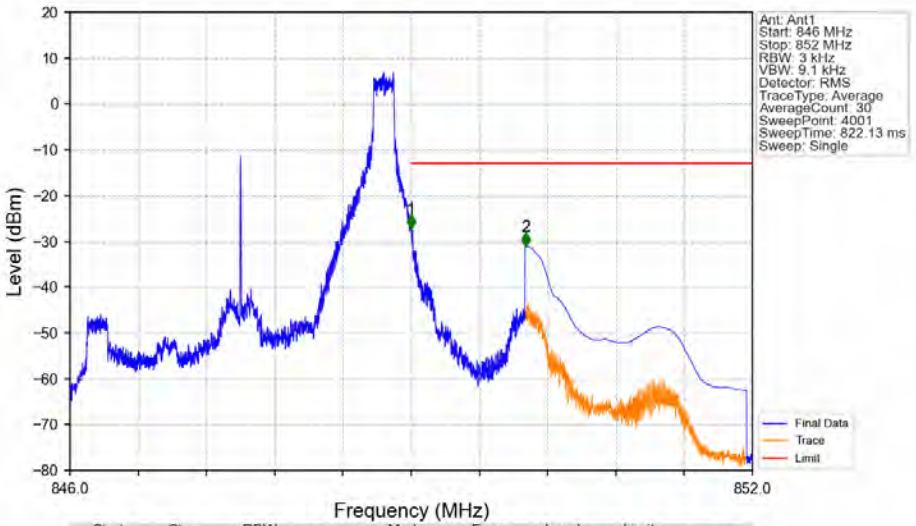
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

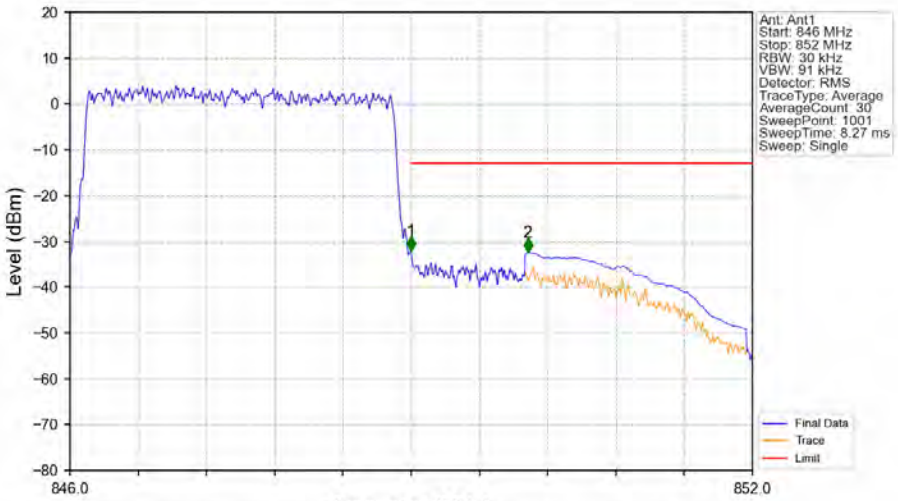


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



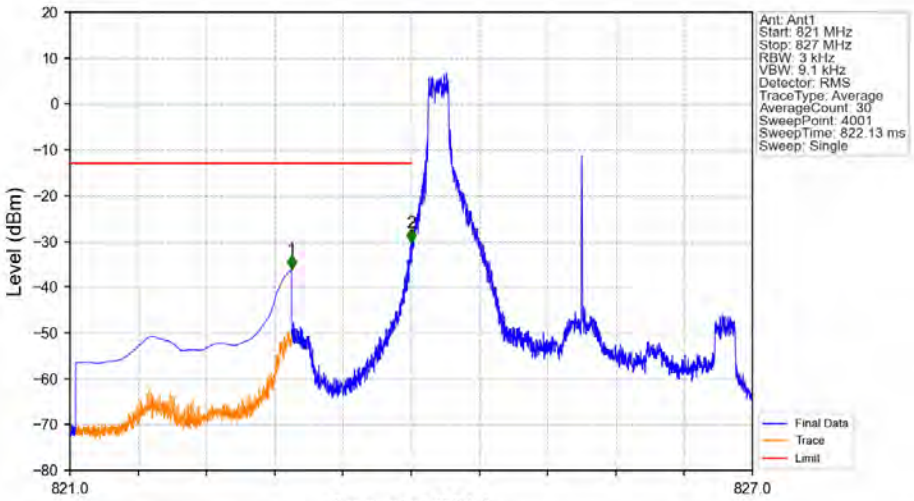
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-27.33	-13	Pass
850	852	0.1	CHP	2	850.006	-31.11	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



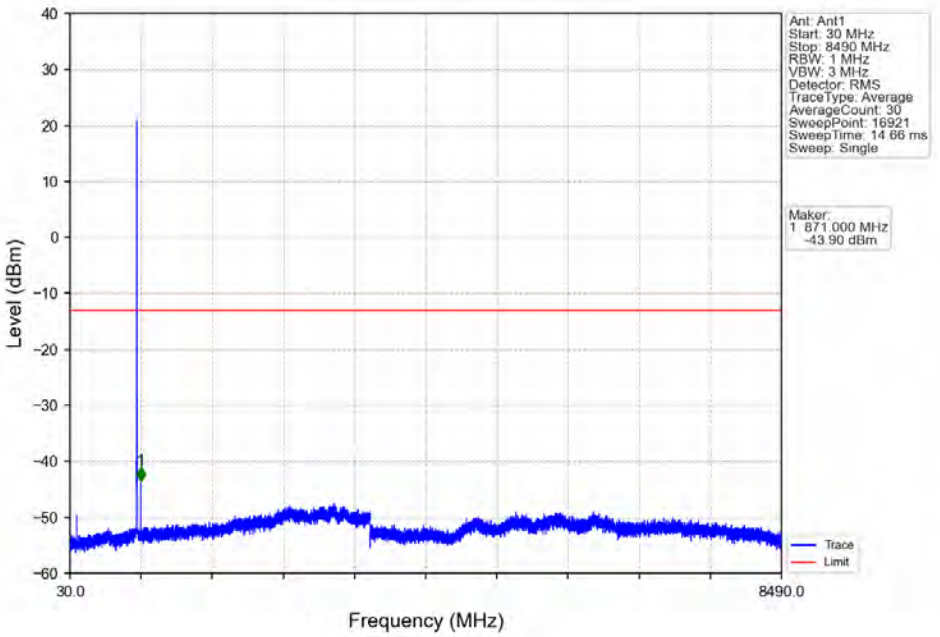
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.000	-32.10	-13	Pass
850	852	0.1	CHP	2	850.026	-32.40	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

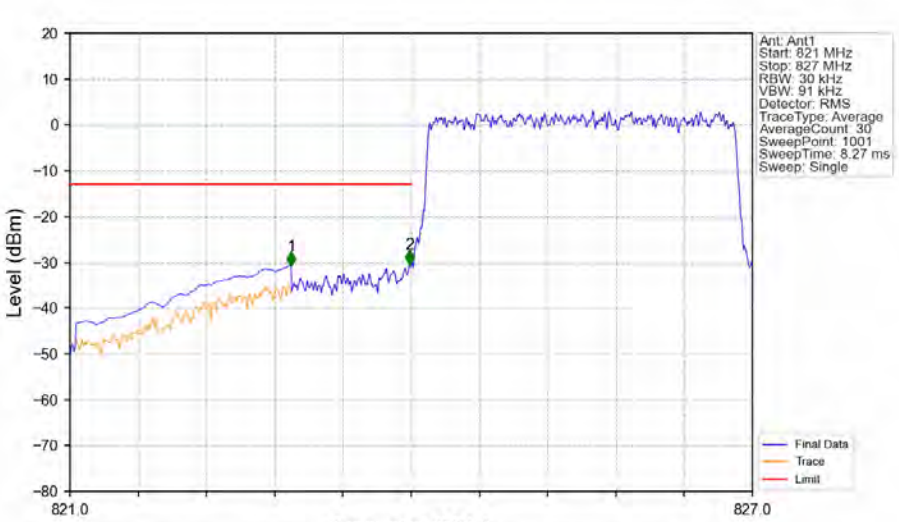


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-36.15	-13	Pass
823	824	0.003	/	2	824.000	-30.21	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

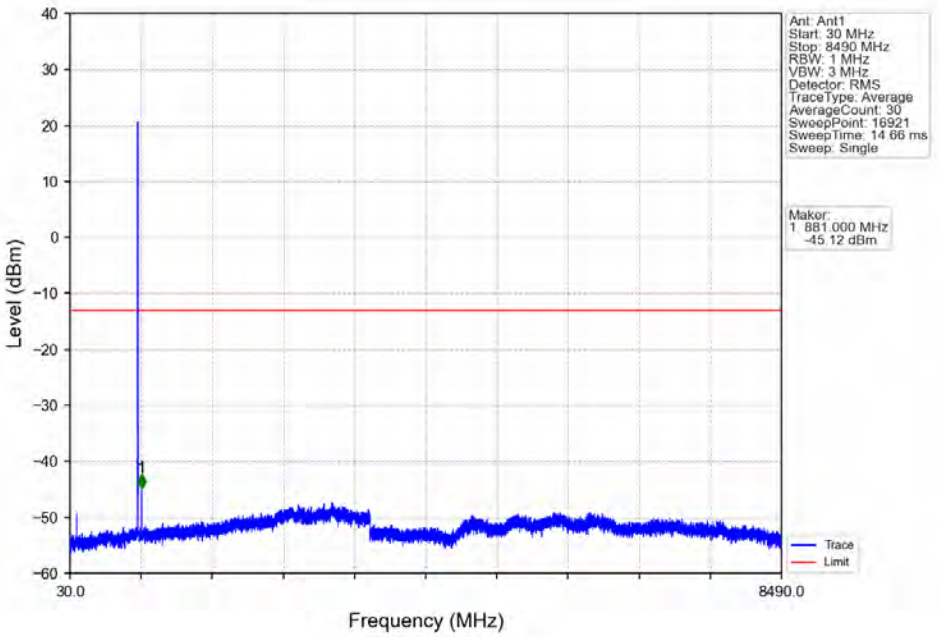


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

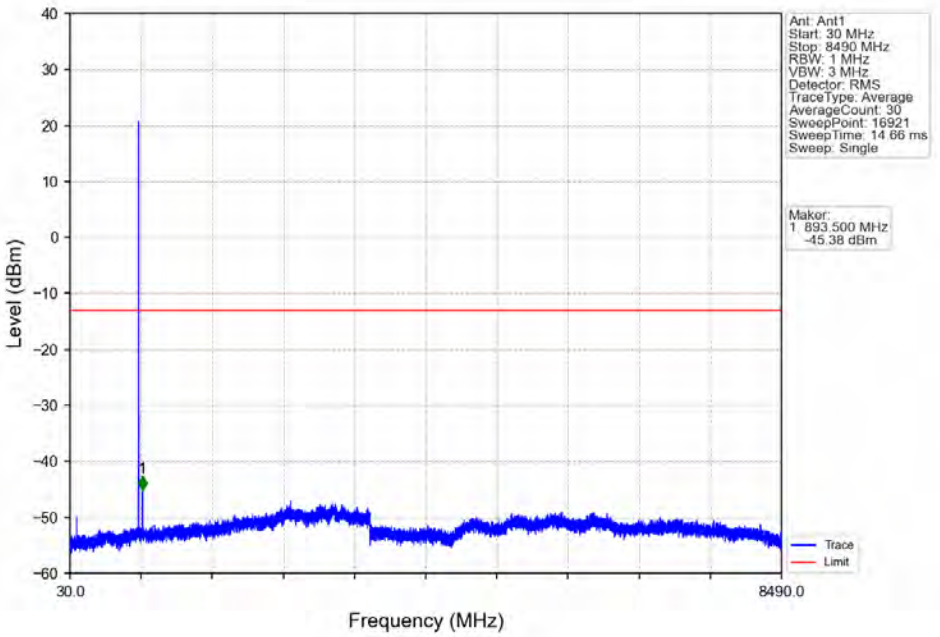


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-30.75	-13	Pass
823	824	0.03	/	2	823.988	-30.46	-13	Pass
824	827	0.03	/	/	/	/	/	/

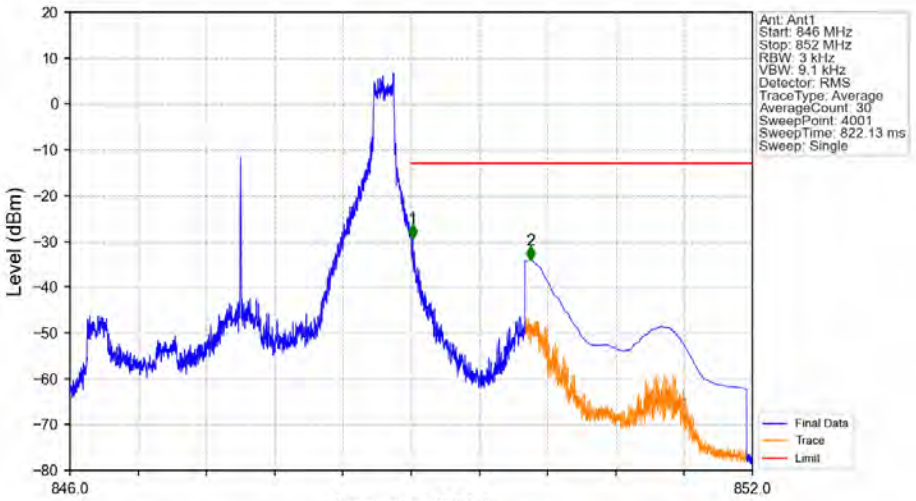
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

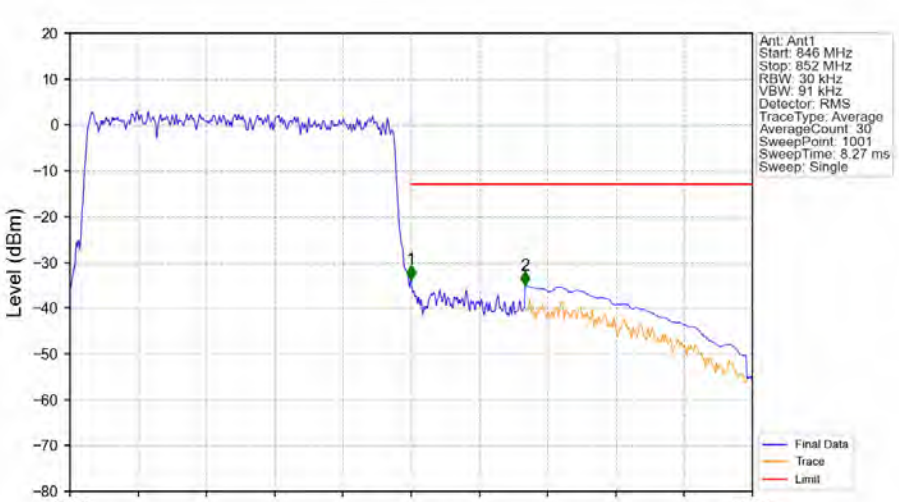


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



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	849.014	-29.38	-13	Pass
850	852	0.1	CHP	2	850.053	-34.14	-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	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.000	-33.71	-13	Pass
850	852	0.1	CHP	2	850.002	-35.07	-13	Pass

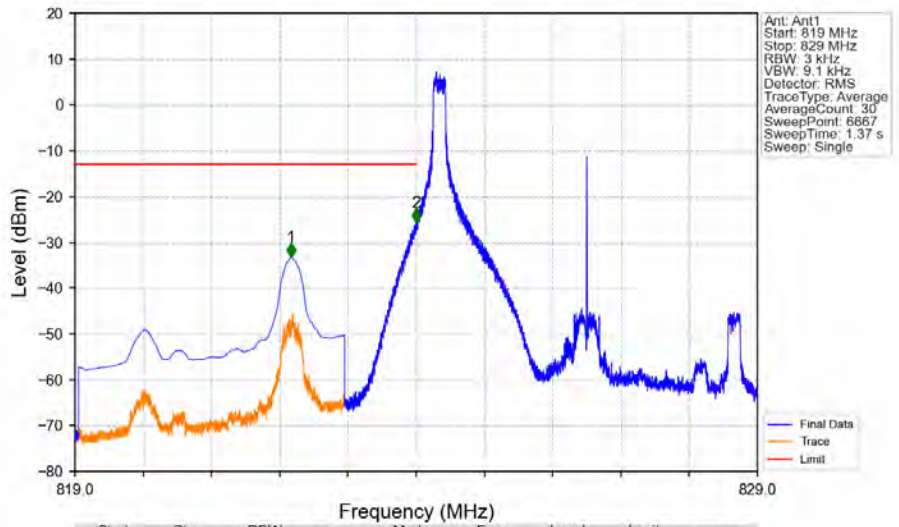
6.3 B5_5MHz

6.3.1 Test Result

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

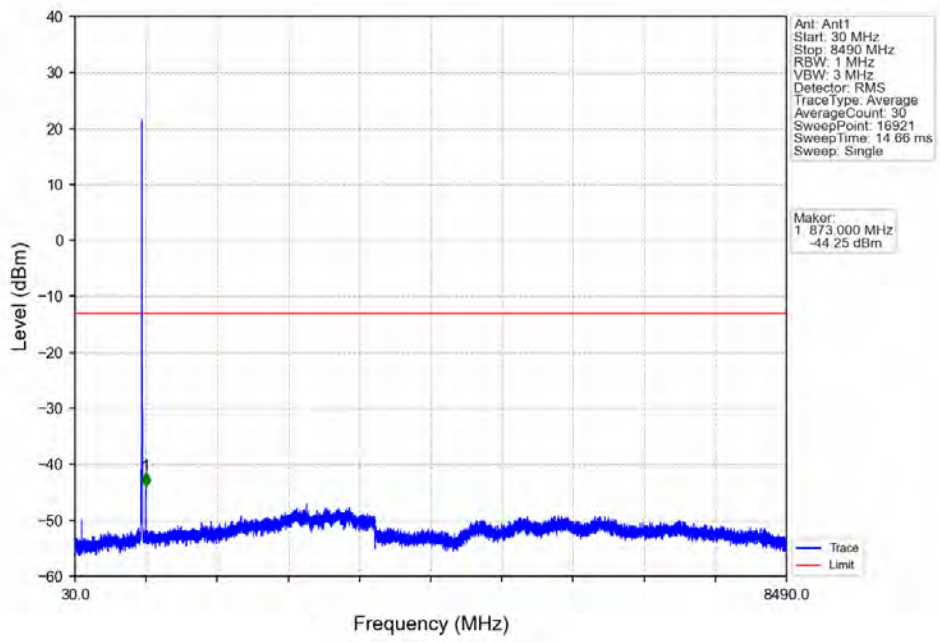
6.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

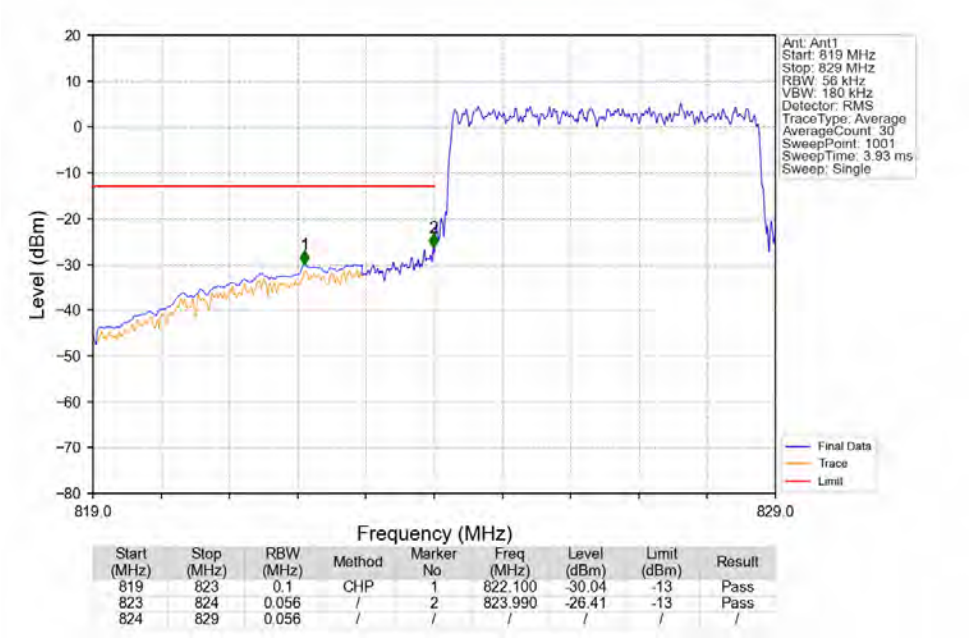


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.164	-33.25	-13	Pass
823	824	0.003	/	2	823.999	-25.75	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

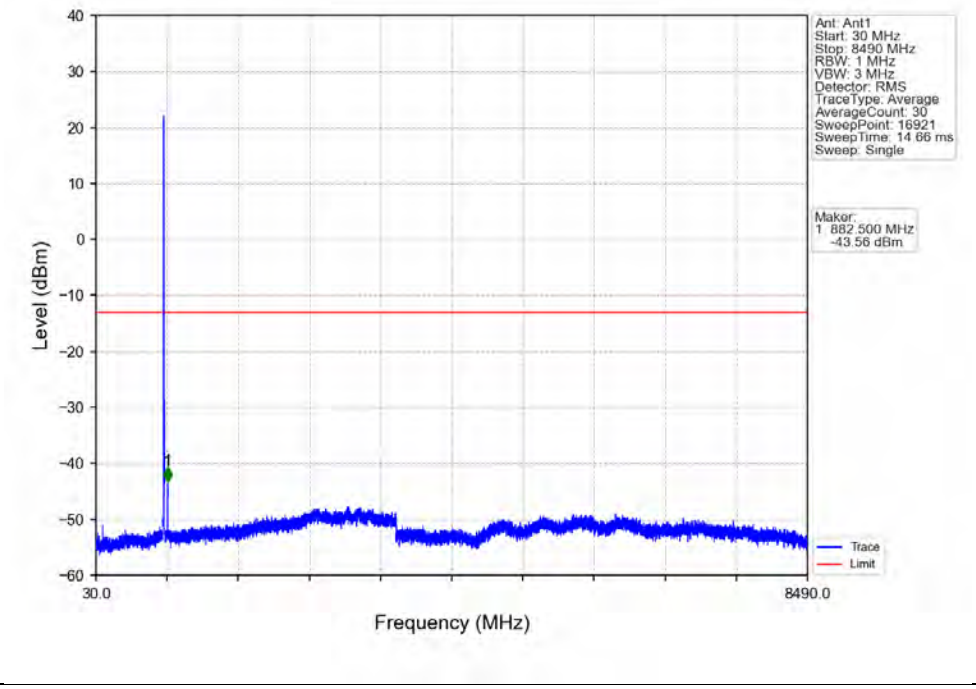


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

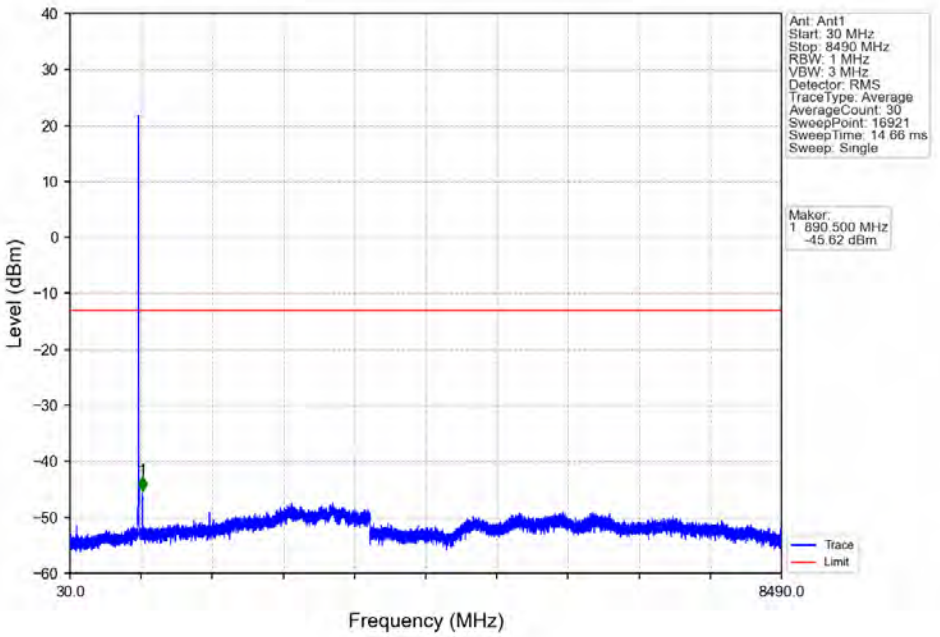


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.100	-30.04	-13	Pass
823	824	0.056	/	2	823.990	-26.41	-13	Pass
824	829	0.056	/	/	/	/	/	/

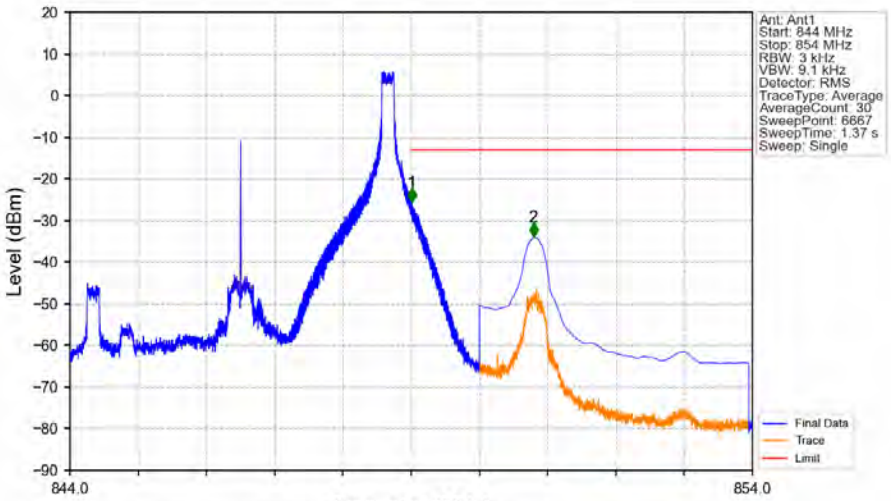
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

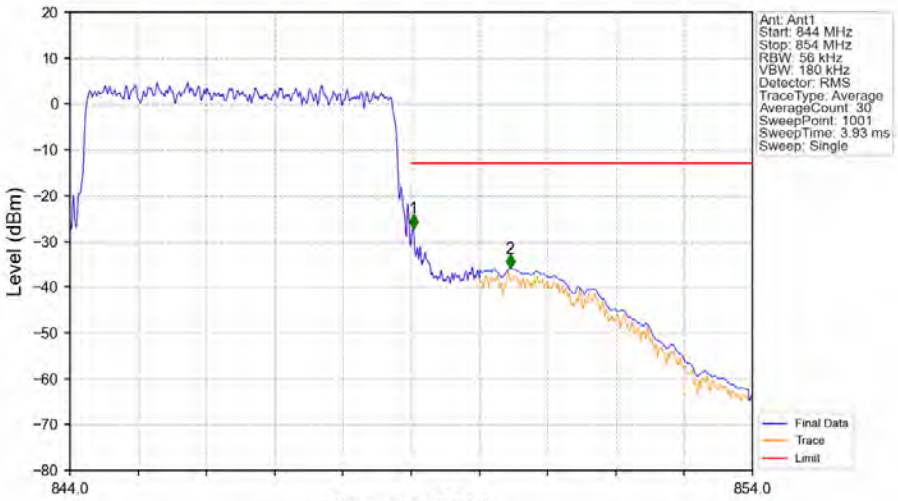


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



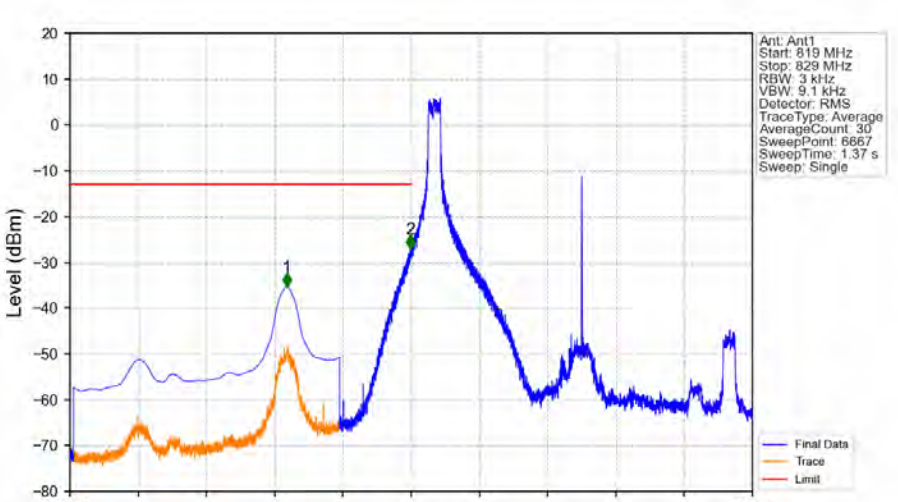
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-25.67	-13	Pass
850	854	0.1	CHP	2	850.791	-33.98	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



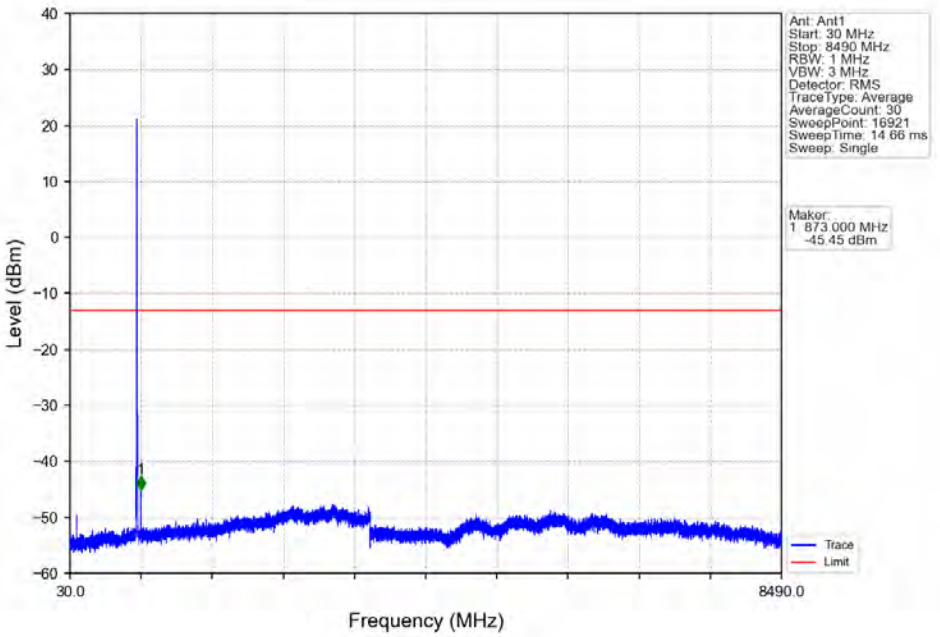
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.030	-27.19	-13	Pass
850	854	0.1	CHP	2	850.450	-35.90	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

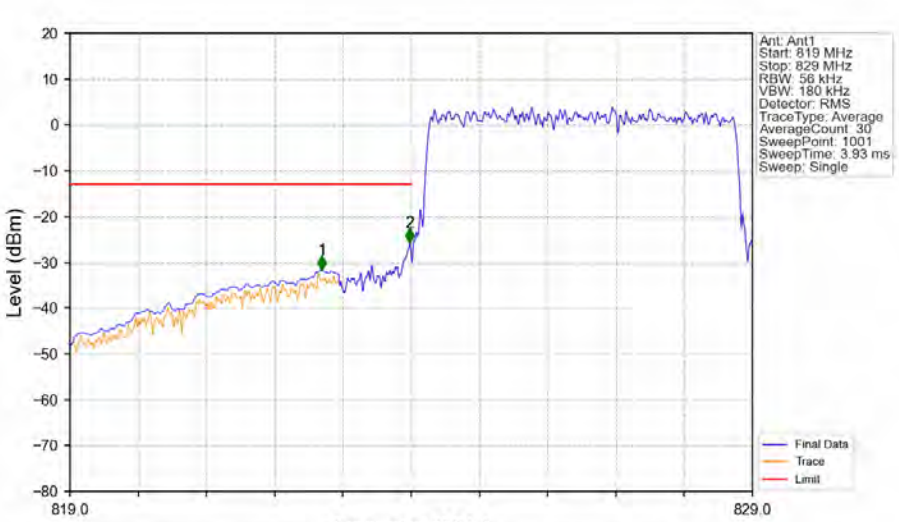


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.179	-35.40	-13	Pass
823	824	0.003	/	2	823.986	-27.05	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

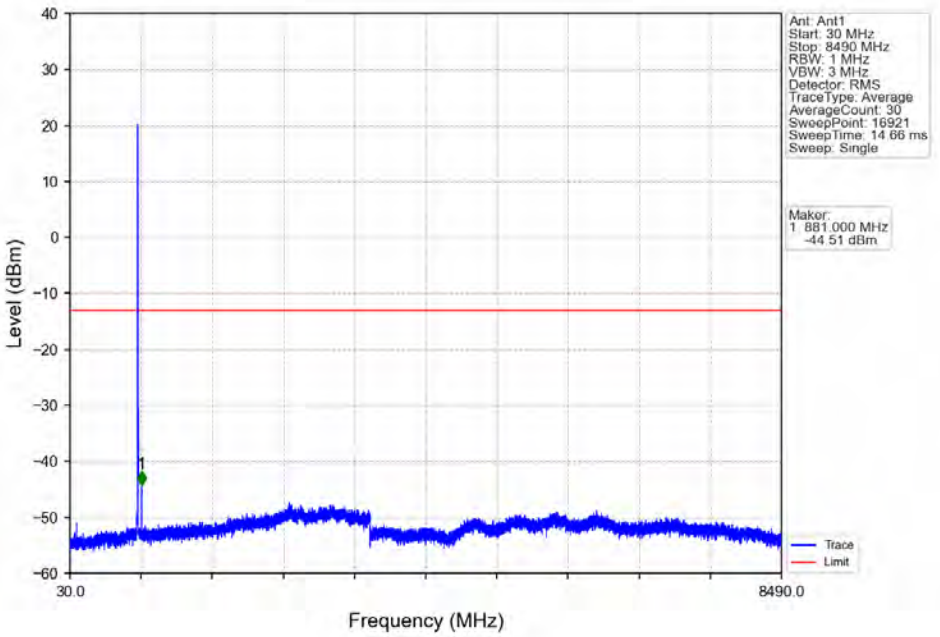


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

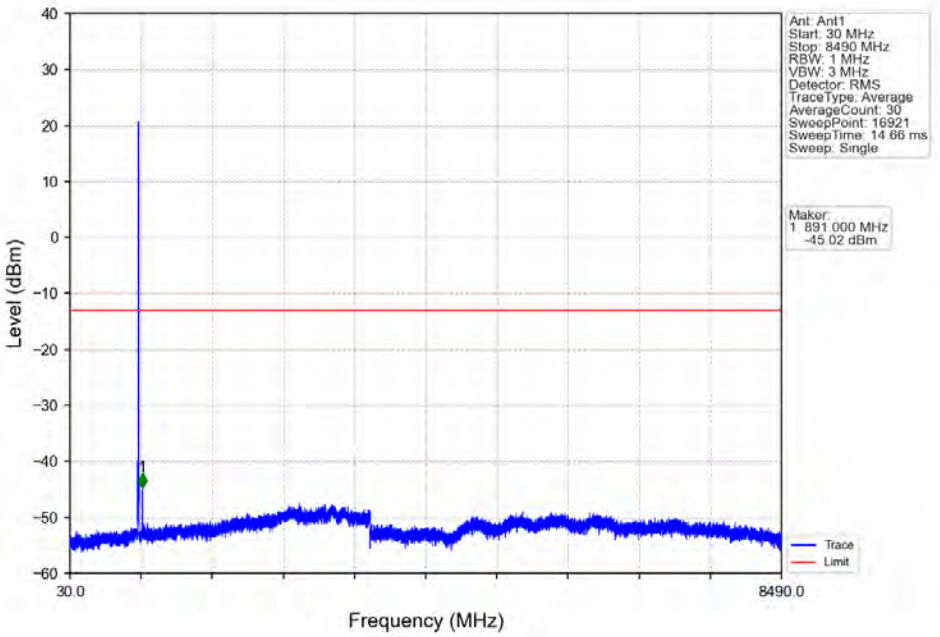


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.690	-31.65	-13	Pass
823	824	0.056	/	2	823.980	-25.62	-13	Pass
824	829	0.056	/	/	/	/	/	/

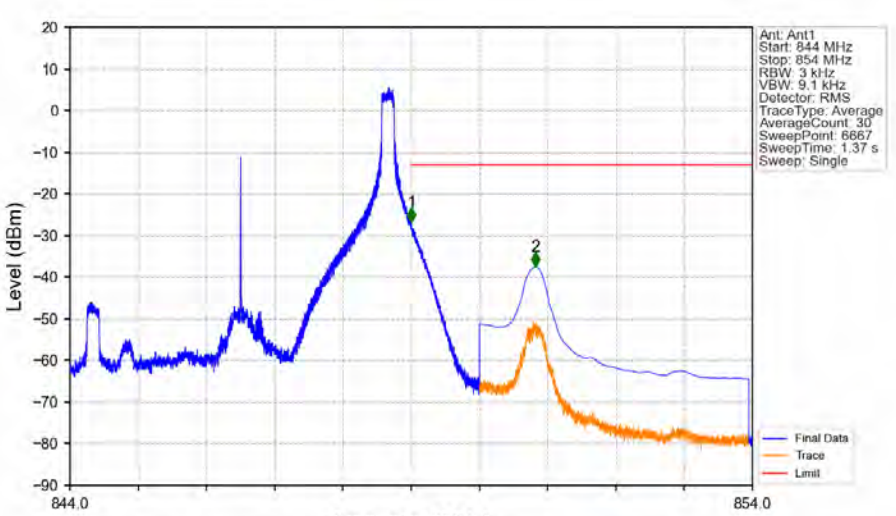
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

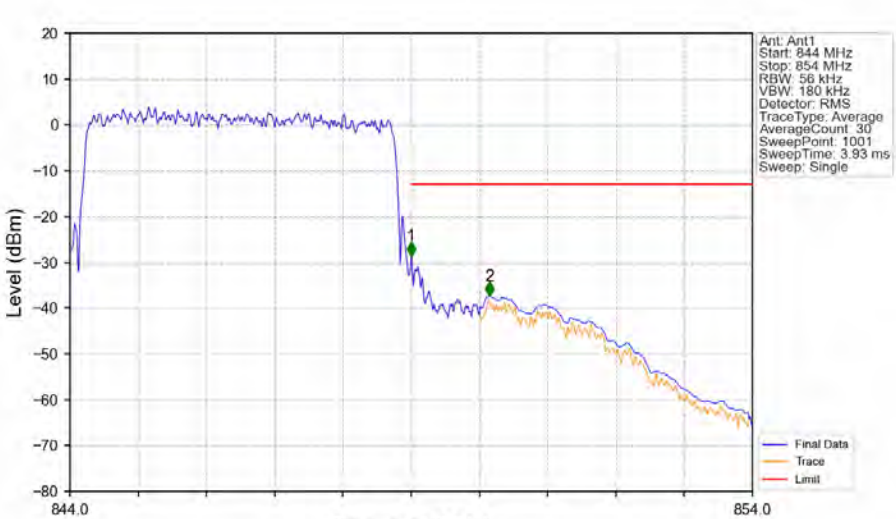


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



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	849.003	-26.78	-13	Pass
850	854	0.1	CHP	2	850.826	-37.43	-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	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.000	-28.59	-13	Pass
850	854	0.1	CHP	2	850.150	-37.37	-13	Pass

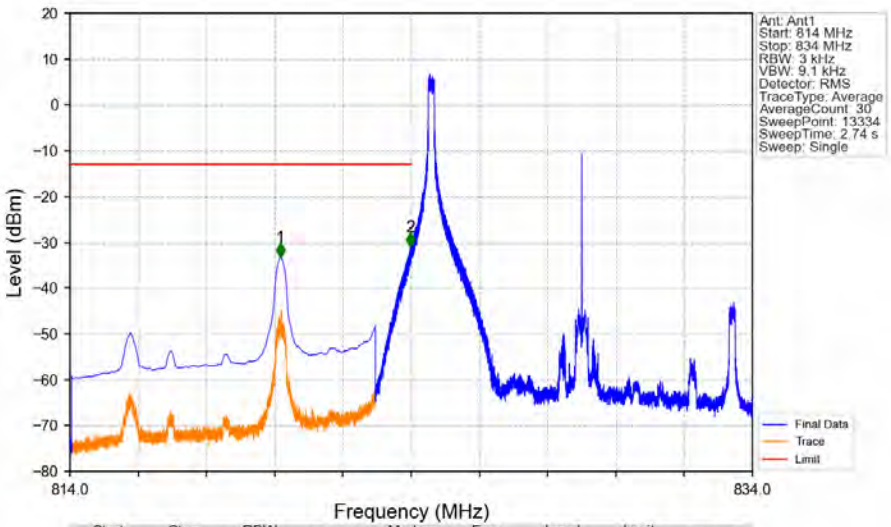
6.4 B5_10MHz

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

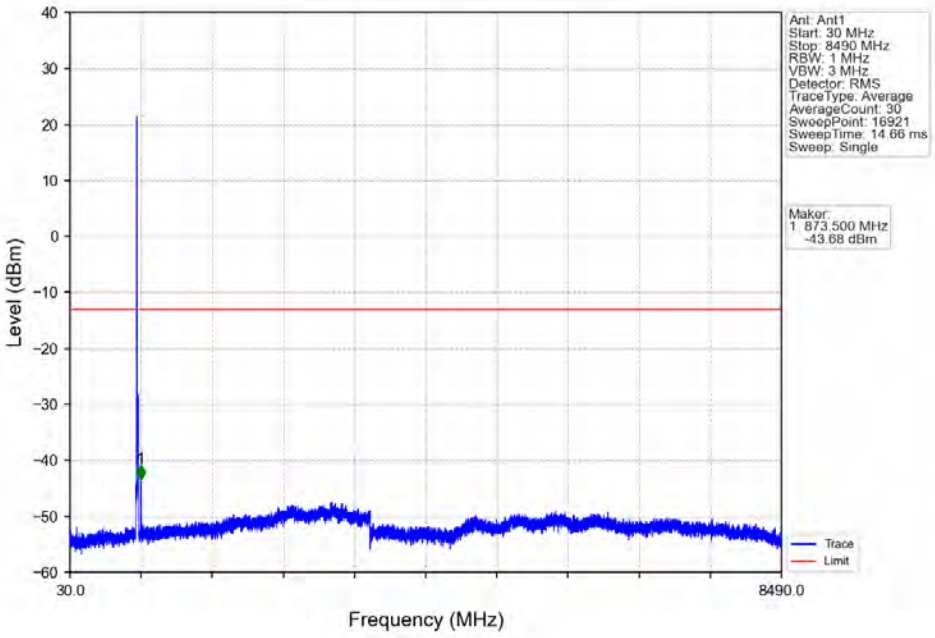
6.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

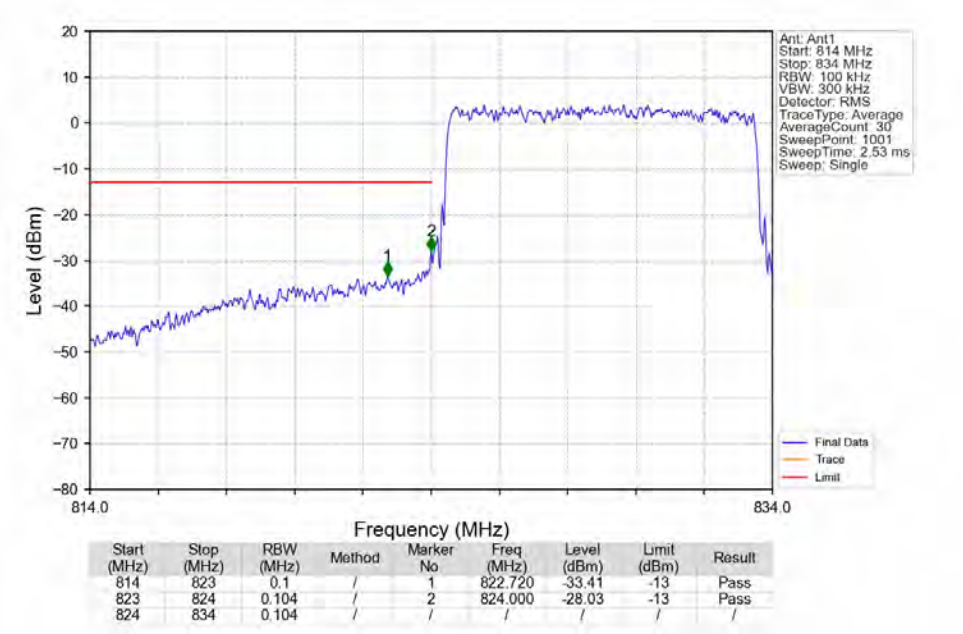


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.167	-33.31	-13	Pass
823	824	0.003	/	2	823.971	-31.03	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

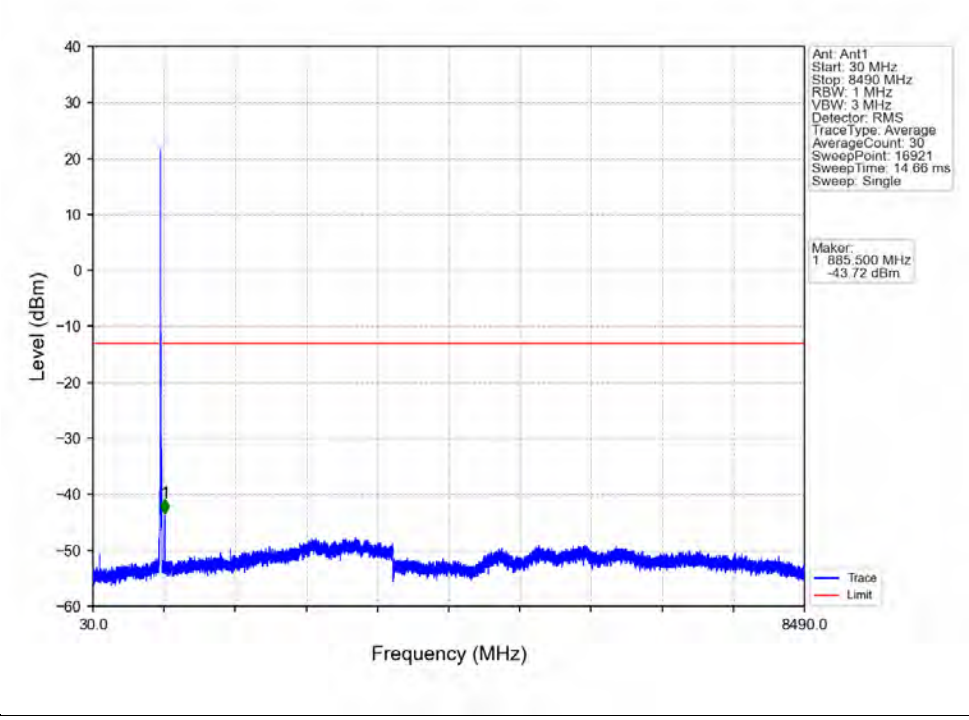


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

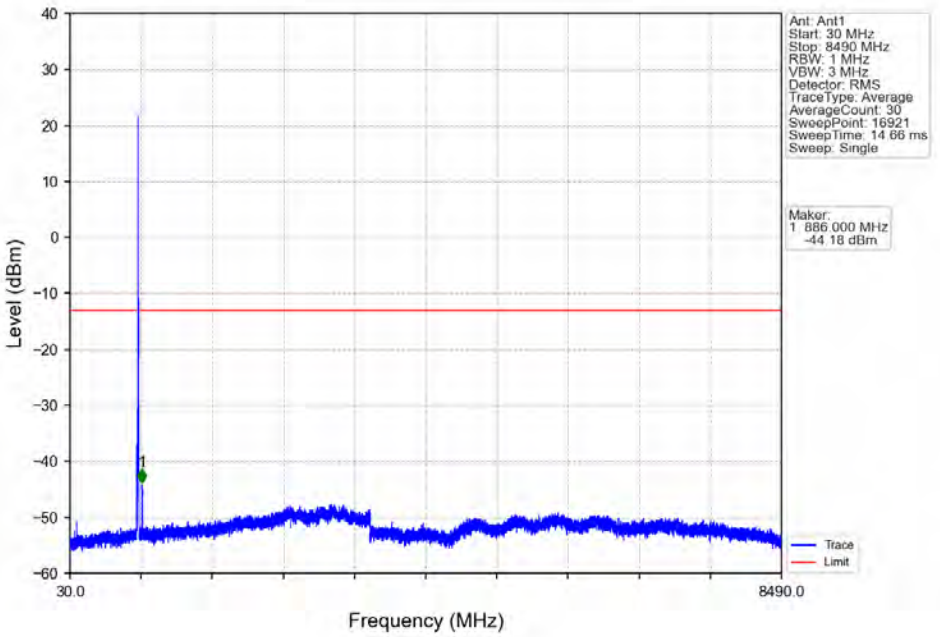


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.720	-33.41	-13	Pass
823	824	0.104	/	2	824.000	-28.03	-13	Pass
824	834	0.104	/	/	/	/	/	/

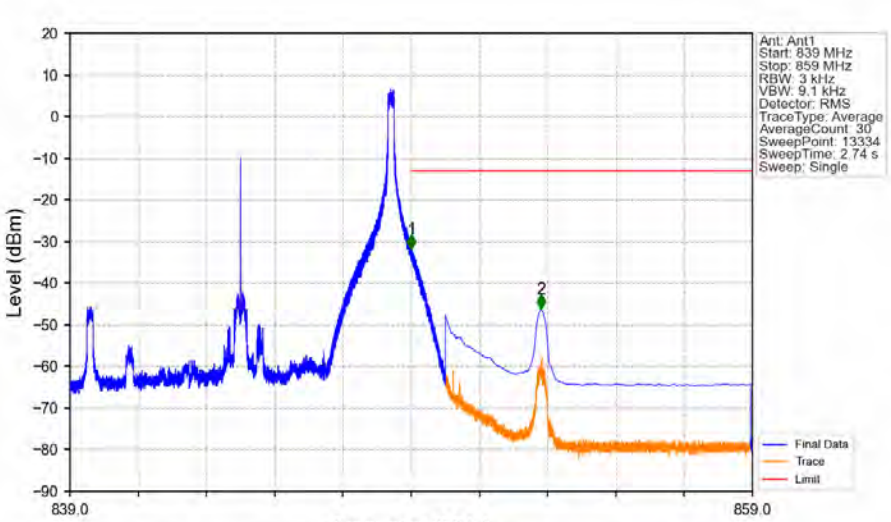
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

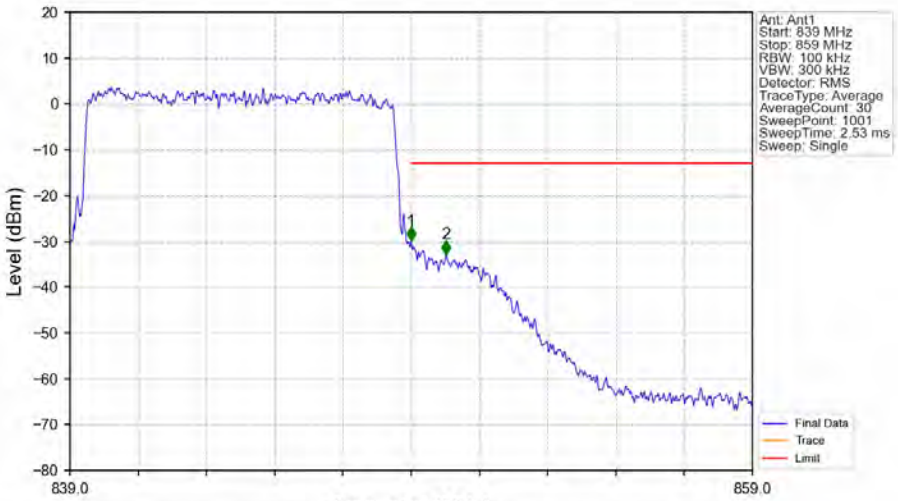


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



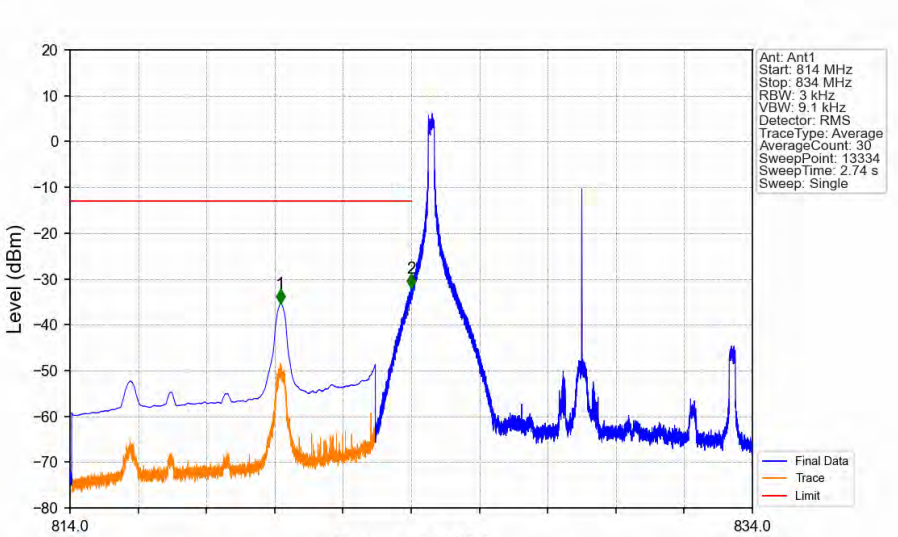
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-31.88	-13	Pass
850	859	0.1	CHP	2	852.803	-46.22	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



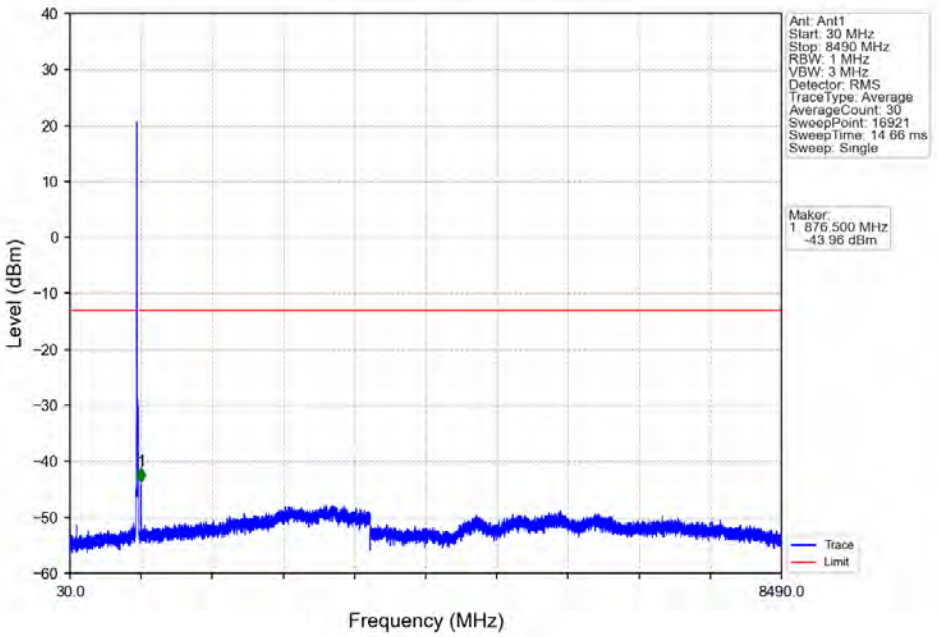
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.103	/	/	/	/	/	/
849	850	0.103	/	1	849.000	-29.94	-13	Pass
850	859	0.1	/	2	850.020	-32.82	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

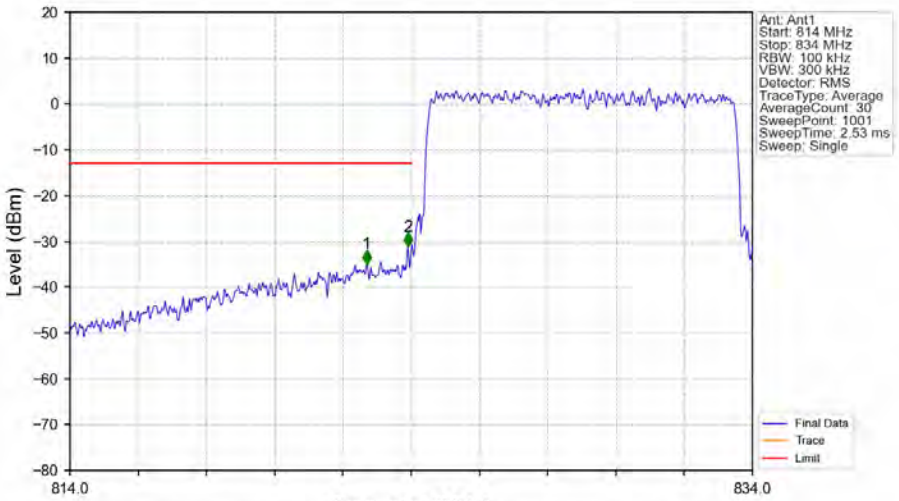


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.165	-35.41	-13	Pass
823	824	0.003	/	2	823.999	-31.98	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

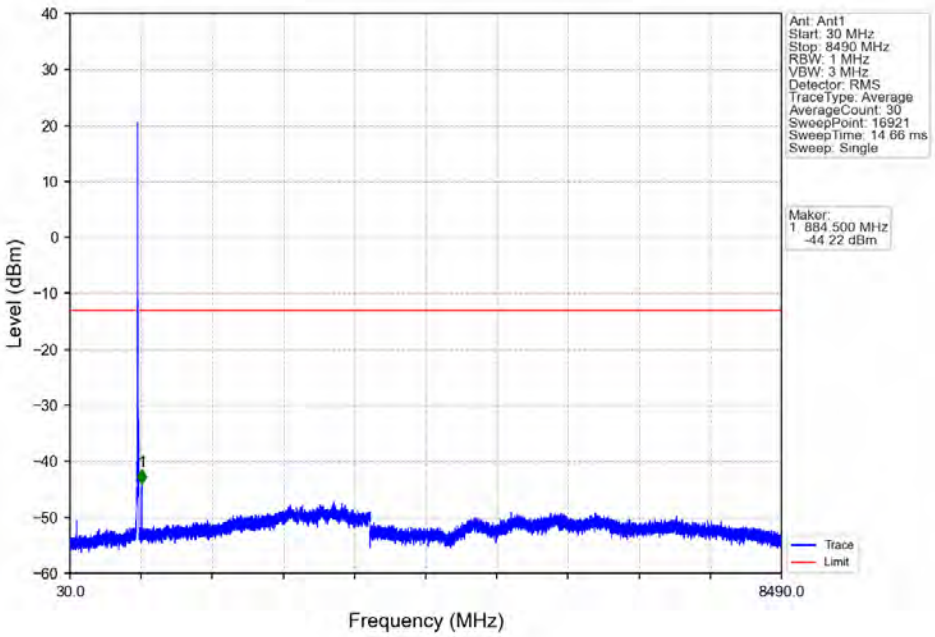


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

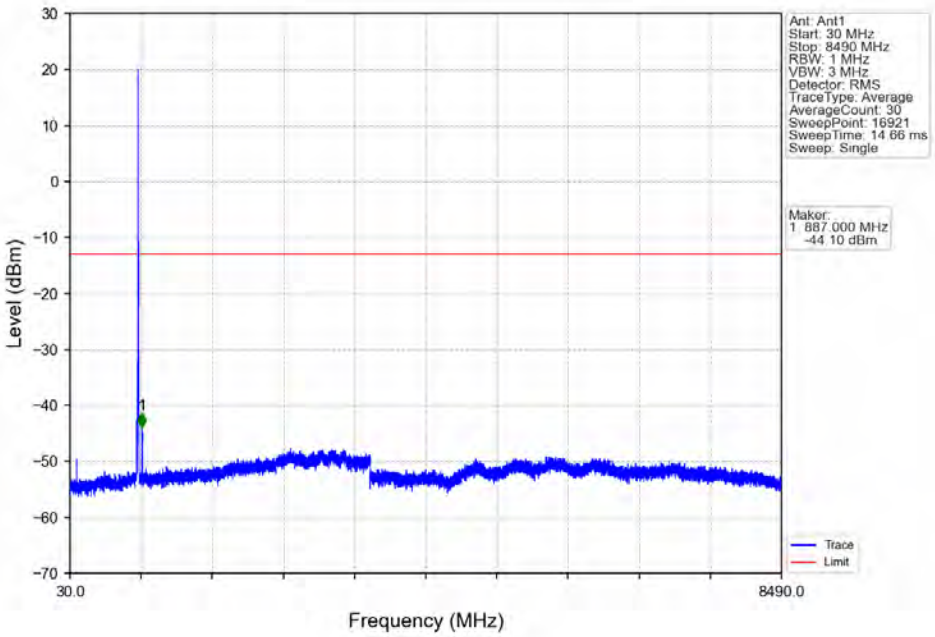


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.700	-34.94	-13	Pass
823	824	0.102	/	2	823.900	-31.18	-13	Pass
824	834	0.102	/	/	/	/	/	/

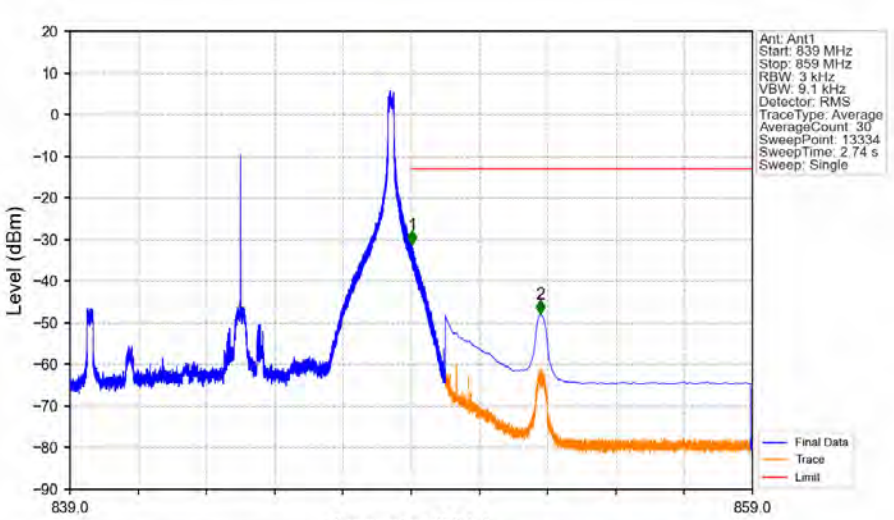
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

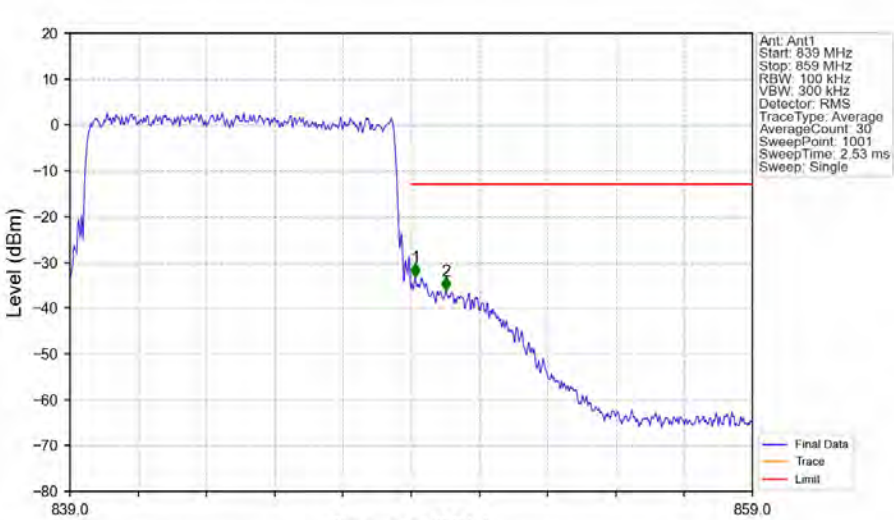


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



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	849.029	-31.26	-13	Pass
850	859	0.1	CHP	2	852.788	-47.97	-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	0.102	/	/	/	/	/	/
849	850	0.102	/	1	849.120	-33.31	-13	Pass
850	859	0.1	/	2	850.020	-36.31	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.1718	0.0192	ppm	1M11G7D	22H	22.35
5	1.4	824.7	848.3	0.1365	0.0155	ppm	1M11W7D	22H	21.35
5	3	825.5	847.5	0.1746	0.0123	ppm	2M73G7D	22H	22.42
5	3	825.5	847.5	0.1300	0.0132	ppm	2M72W7D	22H	21.14
5	5	826.5	846.5	0.1644	0.0095	ppm	4M57G7D	22H	22.16
5	5	826.5	846.5	0.1216	0.0152	ppm	4M58W7D	22H	20.85
5	10	829	844	0.1535	0.0114	ppm	9M08G7D	22H	21.86
5	10	829	844	0.1276	0.0117	ppm	9M09W7D	22H	21.06

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.0809	0.0192	ppm	1M11G7D	22H	19.08
5	1.4	824.7	848.3	0.0643	0.0155	ppm	1M11W7D	22H	18.08
5	3	825.5	847.5	0.0822	0.0123	ppm	2M73G7D	22H	19.15
5	3	825.5	847.5	0.0612	0.0132	ppm	2M72W7D	22H	17.87
5	5	826.5	846.5	0.0774	0.0095	ppm	4M57G7D	22H	18.89
5	5	826.5	846.5	0.0573	0.0152	ppm	4M58W7D	22H	17.58
5	10	829	844	0.0723	0.0114	ppm	9M08G7D	22H	18.59
5	10	829	844	0.0601	0.0117	ppm	9M09W7D	22H	17.79