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	22.75	0.45	21.05	<=38.45	Pass
			2	22.79	0.45	21.09	<=38.45	Pass
			5	22.73	0.45	21.03	<=38.45	Pass
		3	0	22.80	0.45	21.10	<=38.45	Pass
			2	22.71	0.45	21.01	<=38.45	Pass
			3	22.79	0.45	21.09	<=38.45	Pass
		6	0	21.81	0.45	20.11	<=38.45	Pass
	836.5	1	0	22.41	0.45	20.71	<=38.45	Pass
			2	22.56	0.45	20.86	<=38.45	Pass
			5	22.58	0.45	20.88	<=38.45	Pass
		3	0	22.40	0.45	20.70	<=38.45	Pass
			2	22.37	0.45	20.67	<=38.45	Pass
			3	22.38	0.45	20.68	<=38.45	Pass
		6	0	21.52	0.45	19.82	<=38.45	Pass
	848.3	1	0	22.56	0.45	20.86	<=38.45	Pass
			2	22.56	0.45	20.86	<=38.45	Pass
			5	22.59	0.45	20.89	<=38.45	Pass
		3	0	22.64	0.45	20.94	<=38.45	Pass
			2	22.64	0.45	20.94	<=38.45	Pass
			3	22.58	0.45	20.88	<=38.45	Pass
		6	0	21.46	0.45	19.76	<=38.45	Pass
16QAM	824.7	1	0	21.34	0.45	19.64	<=38.45	Pass
			2	21.29	0.45	19.59	<=38.45	Pass
			5	21.29	0.45	19.59	<=38.45	Pass
		3	0	21.53	0.45	19.83	<=38.45	Pass
			2	21.47	0.45	19.77	<=38.45	Pass
			3	21.58	0.45	19.88	<=38.45	Pass
		6	0	20.80	0.45	19.10	<=38.45	Pass
	836.5	1	0	21.61	0.45	19.91	<=38.45	Pass
			2	21.71	0.45	20.01	<=38.45	Pass
			5	21.72	0.45	20.02	<=38.45	Pass
		3	0	21.55	0.45	19.85	<=38.45	Pass
			2	21.62	0.45	19.92	<=38.45	Pass
			3	21.55	0.45	19.85	<=38.45	Pass
		6	0	20.74	0.45	19.04	<=38.45	Pass
	848.3	1	0	21.64	0.45	19.94	<=38.45	Pass
			2	21.61	0.45	19.91	<=38.45	Pass
			5	21.61	0.45	19.91	<=38.45	Pass
		3	0	21.36	0.45	19.66	<=38.45	Pass
			2	21.29	0.45	19.59	<=38.45	Pass
			3	21.27	0.45	19.57	<=38.45	Pass
		6	0	20.92	0.45	19.22	<=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	22.55	0.45	20.85	<=38.45	Pass
			7	22.62	0.45	20.92	<=38.45	Pass
			14	22.41	0.45	20.71	<=38.45	Pass
		8	0	21.80	0.45	20.10	<=38.45	Pass
			4	21.76	0.45	20.06	<=38.45	Pass
			7	21.85	0.45	20.15	<=38.45	Pass
		15	0	21.68	0.45	19.98	<=38.45	Pass
	836.5	1	0	22.62	0.45	20.92	<=38.45	Pass
			7	22.77	0.45	21.07	<=38.45	Pass
			14	22.65	0.45	20.95	<=38.45	Pass
		8	0	21.51	0.45	19.81	<=38.45	Pass
			4	21.59	0.45	19.89	<=38.45	Pass
			7	21.61	0.45	19.91	<=38.45	Pass
		15	0	21.63	0.45	19.93	<=38.45	Pass
	847.5	1	0	22.50	0.45	20.80	<=38.45	Pass
			7	22.51	0.45	20.81	<=38.45	Pass
			14	22.53	0.45	20.83	<=38.45	Pass
		8	0	21.59	0.45	19.89	<=38.45	Pass
			4	21.63	0.45	19.93	<=38.45	Pass
			7	21.60	0.45	19.90	<=38.45	Pass
		15	0	21.59	0.45	19.89	<=38.45	Pass
16QAM	825.5	1	0	21.28	0.45	19.58	<=38.45	Pass
			7	21.32	0.45	19.62	<=38.45	Pass
			14	21.39	0.45	19.69	<=38.45	Pass
		8	0	20.83	0.45	19.13	<=38.45	Pass
			4	20.81	0.45	19.11	<=38.45	Pass
			7	21.02	0.45	19.32	<=38.45	Pass
		15	0	20.77	0.45	19.07	<=38.45	Pass
	836.5	1	0	21.68	0.45	19.98	<=38.45	Pass
			7	21.71	0.45	20.01	<=38.45	Pass
			14	21.71	0.45	20.01	<=38.45	Pass
		8	0	20.58	0.45	18.88	<=38.45	Pass
			4	20.74	0.45	19.04	<=38.45	Pass
			7	20.70	0.45	19.00	<=38.45	Pass
		15	0	20.68	0.45	18.98	<=38.45	Pass
	847.5	1	0	21.79	0.45	20.09	<=38.45	Pass
			7	21.66	0.45	19.96	<=38.45	Pass
			14	21.84	0.45	20.14	<=38.45	Pass
		8	0	21.10	0.45	19.40	<=38.45	Pass
			4	21.12	0.45	19.42	<=38.45	Pass
			7	21.15	0.45	19.45	<=38.45	Pass
		15	0	20.85	0.45	19.15	<=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	22.70	0.45	21.00	<=38.45	Pass
			13	22.27	0.45	20.57	<=38.45	Pass
			24	22.28	0.45	20.58	<=38.45	Pass
		12	0	21.74	0.45	20.04	<=38.45	Pass
			6	21.79	0.45	20.09	<=38.45	Pass
			13	21.67	0.45	19.97	<=38.45	Pass
		25	0	21.77	0.45	20.07	<=38.45	Pass
	836.5	1	0	22.43	0.45	20.73	<=38.45	Pass
			13	22.41	0.45	20.71	<=38.45	Pass
			24	22.41	0.45	20.71	<=38.45	Pass
		12	0	21.38	0.45	19.68	<=38.45	Pass
			6	21.54	0.45	19.84	<=38.45	Pass
			13	21.53	0.45	19.83	<=38.45	Pass
		25	0	21.52	0.45	19.82	<=38.45	Pass
	846.5	1	0	22.38	0.45	20.68	<=38.45	Pass
			13	22.38	0.45	20.68	<=38.45	Pass
			24	22.38	0.45	20.68	<=38.45	Pass
		12	0	21.42	0.45	19.72	<=38.45	Pass
			6	21.47	0.45	19.77	<=38.45	Pass
			13	21.48	0.45	19.78	<=38.45	Pass
		25	0	21.51	0.45	19.81	<=38.45	Pass
16QAM	826.5	1	0	21.64	0.45	19.94	<=38.45	Pass
			13	21.66	0.45	19.96	<=38.45	Pass
			24	21.74	0.45	20.04	<=38.45	Pass
		12	0	20.73	0.45	19.03	<=38.45	Pass
			6	20.79	0.45	19.09	<=38.45	Pass
			13	20.74	0.45	19.04	<=38.45	Pass
		25	0	20.86	0.45	19.16	<=38.45	Pass
	836.5	1	0	21.36	0.45	19.66	<=38.45	Pass
			13	21.39	0.45	19.69	<=38.45	Pass
			24	21.62	0.45	19.92	<=38.45	Pass
		12	0	20.37	0.45	18.67	<=38.45	Pass
			6	20.38	0.45	18.68	<=38.45	Pass
			13	20.40	0.45	18.70	<=38.45	Pass
		25	0	20.51	0.45	18.81	<=38.45	Pass
	846.5	1	0	20.53	0.45	18.83	<=38.45	Pass
			13	20.44	0.45	18.74	<=38.45	Pass
			24	20.42	0.45	18.72	<=38.45	Pass
		12	0	20.43	0.45	18.73	<=38.45	Pass
			6	20.83	0.45	19.13	<=38.45	Pass
			13	20.83	0.45	19.13	<=38.45	Pass
		25	0	20.93	0.45	19.23	<=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	22.53	0.45	20.83	<=38.45	Pass
			25	22.34	0.45	20.64	<=38.45	Pass

			49	22.44	0.45	20.74	<=38.45	Pass
		25	0	21.84	0.45	20.14	<=38.45	Pass
			13	21.78	0.45	20.08	<=38.45	Pass
			25	21.33	0.45	19.63	<=38.45	Pass
		50	0	21.70	0.45	20.00	<=38.45	Pass
	836.5	1	0	22.41	0.45	20.71	<=38.45	Pass
			25	22.43	0.45	20.73	<=38.45	Pass
			49	22.81	0.45	21.11	<=38.45	Pass
		25	0	21.40	0.45	19.70	<=38.45	Pass
			13	21.43	0.45	19.73	<=38.45	Pass
			25	21.80	0.45	20.10	<=38.45	Pass
		50	0	21.61	0.45	19.91	<=38.45	Pass
	844	1	0	22.40	0.45	20.70	<=38.45	Pass
			25	22.47	0.45	20.77	<=38.45	Pass
			49	22.50	0.45	20.80	<=38.45	Pass
		25	0	21.76	0.45	20.06	<=38.45	Pass
			13	21.47	0.45	19.77	<=38.45	Pass
			25	21.51	0.45	19.81	<=38.45	Pass
		50	0	21.44	0.45	19.74	<=38.45	Pass
16QAM	829	1	0	21.27	0.45	19.57	<=38.45	Pass
			25	21.28	0.45	19.58	<=38.45	Pass
			49	21.01	0.45	19.31	<=38.45	Pass
		25	0	20.90	0.45	19.20	<=38.45	Pass
			13	20.96	0.45	19.26	<=38.45	Pass
			25	20.57	0.45	18.87	<=38.45	Pass
		50	0	20.77	0.45	19.07	<=38.45	Pass
	836.5	1	0	22.17	0.45	20.47	<=38.45	Pass
			25	22.14	0.45	20.44	<=38.45	Pass
			49	22.54	0.45	20.84	<=38.45	Pass
		25	0	20.58	0.45	18.88	<=38.45	Pass
			13	20.50	0.45	18.80	<=38.45	Pass
			25	20.86	0.45	19.16	<=38.45	Pass
		50	0	20.64	0.45	18.94	<=38.45	Pass
	844	1	0	21.91	0.45	20.21	<=38.45	Pass
			25	21.48	0.45	19.78	<=38.45	Pass
			49	21.57	0.45	19.87	<=38.45	Pass
		25	0	20.83	0.45	19.13	<=38.45	Pass
			13	20.61	0.45	18.91	<=38.45	Pass
			25	20.84	0.45	19.14	<=38.45	Pass
		50	0	21.05	0.45	19.35	<=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	26.722	0.0324	-2.5 to 2.5	Pass
					3.85	35.777	0.0434	-2.5 to 2.5	Pass
					4.43	23.890	0.0290	-2.5 to 2.5	Pass

				-30	3.85	5.136	0.0062	-2.5 to 2.5	Pass
				-20	3.85	-11.401	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-28.009	-0.0340	-2.5 to 2.5	Pass
				0	3.85	-42.214	-0.0512	-2.5 to 2.5	Pass
				10	3.85	-7.825	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-21.200	-0.0257	-2.5 to 2.5	Pass
				40	3.85	-33.660	-0.0408	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0035	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	8.326	0.0100	-2.5 to 2.5	Pass
					3.85	17.667	0.0211	-2.5 to 2.5	Pass
					4.43	13.061	0.0156	-2.5 to 2.5	Pass
				-30	3.85	4.964	0.0059	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-13.447	-0.0161	-2.5 to 2.5	Pass
				0	3.85	-24.176	-0.0289	-2.5 to 2.5	Pass
				10	3.85	-30.742	-0.0368	-2.5 to 2.5	Pass
				30	3.85	-37.508	-0.0448	-2.5 to 2.5	Pass
				40	3.85	-42.000	-0.0502	-2.5 to 2.5	Pass
				50	3.85	-48.151	-0.0576	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	1.931	0.0023	-2.5 to 2.5	Pass
					3.85	0.300	0.0004	-2.5 to 2.5	Pass
					4.43	-14.992	-0.0177	-2.5 to 2.5	Pass
				-30	3.85	-35.906	-0.0423	-2.5 to 2.5	Pass
				-20	3.85	-4.292	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-23.174	-0.0273	-2.5 to 2.5	Pass
				0	3.85	-40.383	-0.0476	-2.5 to 2.5	Pass
				10	3.85	-6.509	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-20.156	-0.0238	-2.5 to 2.5	Pass
				40	3.85	-32.072	-0.0378	-2.5 to 2.5	Pass
				50	3.85	-44.031	-0.0519	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-6.452	-0.0078	-2.5 to 2.5	Pass
					3.85	-10.557	-0.0128	-2.5 to 2.5	Pass
					4.43	-11.945	-0.0145	-2.5 to 2.5	Pass
				-30	3.85	-11.973	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-13.218	-0.0160	-2.5 to 2.5	Pass
				-10	3.85	-15.750	-0.0191	-2.5 to 2.5	Pass
				0	3.85	-18.353	-0.0223	-2.5 to 2.5	Pass
				10	3.85	-20.342	-0.0247	-2.5 to 2.5	Pass
				30	3.85	-23.317	-0.0283	-2.5 to 2.5	Pass
				40	3.85	-26.007	-0.0315	-2.5 to 2.5	Pass
				50	3.85	-27.637	-0.0335	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-8.540	-0.0102	-2.5 to 2.5	Pass
					3.85	-10.242	-0.0122	-2.5 to 2.5	Pass
					4.43	-9.971	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-9.127	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-9.570	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-9.584	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-8.469	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-8.454	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-8.869	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-8.812	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-9.670	-0.0116	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-10.285	-0.0121	-2.5 to 2.5	Pass
					3.85	-15.907	-0.0188	-2.5 to 2.5	Pass
					4.43	-21.229	-0.0250	-2.5 to 2.5	Pass
				-30	3.85	-22.745	-0.0268	-2.5 to 2.5	Pass
				-20	3.85	-26.636	-0.0314	-2.5 to 2.5	Pass

				-10	3.85	-30.041	-0.0354	-2.5 to 2.5	Pass
				0	3.85	-35.648	-0.0420	-2.5 to 2.5	Pass
				10	3.85	-39.439	-0.0465	-2.5 to 2.5	Pass
				30	3.85	-43.731	-0.0516	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0023	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0004	-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	-0.887	-0.0011	-2.5 to 2.5	Pass
					3.85	-31.586	-0.0383	-2.5 to 2.5	Pass
					4.43	-22.402	-0.0271	-2.5 to 2.5	Pass
				-30	3.85	-20.413	-0.0247	-2.5 to 2.5	Pass
				-20	3.85	-10.471	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-45.033	-0.0546	-2.5 to 2.5	Pass
				0	3.85	-29.554	-0.0358	-2.5 to 2.5	Pass
				10	3.85	-5.937	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-26.622	-0.0322	-2.5 to 2.5	Pass
				40	3.85	-44.918	-0.0544	-2.5 to 2.5	Pass
				50	3.85	-14.462	-0.0175	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	5.236	0.0063	-2.5 to 2.5	Pass
					3.85	7.453	0.0089	-2.5 to 2.5	Pass
					4.43	-2.003	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-15.149	-0.0181	-2.5 to 2.5	Pass
				-20	3.85	-25.048	-0.0299	-2.5 to 2.5	Pass
				-10	3.85	-33.474	-0.0400	-2.5 to 2.5	Pass
				0	3.85	-44.475	-0.0532	-2.5 to 2.5	Pass
				10	3.85	-3.834	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-13.003	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-21.515	-0.0257	-2.5 to 2.5	Pass
				50	3.85	-32.744	-0.0391	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	4.692	0.0055	-2.5 to 2.5	Pass
					3.85	7.696	0.0091	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-16.866	-0.0199	-2.5 to 2.5	Pass
				-20	3.85	-33.388	-0.0394	-2.5 to 2.5	Pass
				-10	3.85	-48.079	-0.0567	-2.5 to 2.5	Pass
				0	3.85	-18.268	-0.0216	-2.5 to 2.5	Pass
				10	3.85	-31.614	-0.0373	-2.5 to 2.5	Pass
				30	3.85	-43.173	-0.0509	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-15.807	-0.0187	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-35.133	-0.0426	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0081	-2.5 to 2.5	Pass
					4.43	-15.979	-0.0194	-2.5 to 2.5	Pass
				-30	3.85	-23.661	-0.0287	-2.5 to 2.5	Pass
				-20	3.85	-31.457	-0.0381	-2.5 to 2.5	Pass
				-10	3.85	-37.622	-0.0456	-2.5 to 2.5	Pass
				0	3.85	-44.446	-0.0538	-2.5 to 2.5	Pass
				10	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass

				30	3.85	-10.414	-0.0126	-2.5 to 2.5	Pass
				40	3.85	-16.665	-0.0202	-2.5 to 2.5	Pass
				50	3.85	-24.533	-0.0297	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-38.624	-0.0462	-2.5 to 2.5	Pass
					3.85	-42.243	-0.0505	-2.5 to 2.5	Pass
					4.43	-45.505	-0.0544	-2.5 to 2.5	Pass
				-30	3.85	0.815	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-6.194	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-6.566	-0.0078	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-26.922	-0.0318	-2.5 to 2.5	Pass
					3.85	-31.228	-0.0368	-2.5 to 2.5	Pass
					4.43	-33.832	-0.0399	-2.5 to 2.5	Pass
				-30	3.85	-35.419	-0.0418	-2.5 to 2.5	Pass
				-20	3.85	-38.023	-0.0449	-2.5 to 2.5	Pass
				-10	3.85	-40.240	-0.0475	-2.5 to 2.5	Pass
				0	3.85	-42.000	-0.0496	-2.5 to 2.5	Pass
				10	3.85	-44.003	-0.0519	-2.5 to 2.5	Pass
				30	3.85	-47.021	-0.0555	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.303	-0.0027	-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	7.510	0.0091	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
					4.43	-40.870	-0.0494	-2.5 to 2.5	Pass
				-30	3.85	-30.556	-0.0370	-2.5 to 2.5	Pass
				-20	3.85	-20.571	-0.0249	-2.5 to 2.5	Pass
				-10	3.85	-11.244	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-41.113	-0.0497	-2.5 to 2.5	Pass
				10	3.85	-14.491	-0.0175	-2.5 to 2.5	Pass
				30	3.85	-35.834	-0.0434	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-25.892	-0.0313	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	12.603	0.0151	-2.5 to 2.5	Pass
					3.85	18.897	0.0226	-2.5 to 2.5	Pass
					4.43	10.858	0.0130	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-10.757	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-21.672	-0.0259	-2.5 to 2.5	Pass
				0	3.85	-31.471	-0.0376	-2.5 to 2.5	Pass
				10	3.85	-40.927	-0.0489	-2.5 to 2.5	Pass
				30	3.85	-8.612	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-16.451	-0.0197	-2.5 to 2.5	Pass
				50	3.85	-24.118	-0.0288	-2.5 to 2.5	Pass

	846.5	25	0	20	3.27	2.260	0.0027	-2.5 to 2.5	Pass
					3.85	4.406	0.0052	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-16.766	-0.0198	-2.5 to 2.5	Pass
				-20	3.85	-30.370	-0.0359	-2.5 to 2.5	Pass
				-10	3.85	-41.385	-0.0489	-2.5 to 2.5	Pass
				0	3.85	-11.859	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-14.033	-0.0166	-2.5 to 2.5	Pass
				30	3.85	-21.443	-0.0253	-2.5 to 2.5	Pass
				40	3.85	-30.169	-0.0356	-2.5 to 2.5	Pass
				50	3.85	-37.494	-0.0443	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-45.319	-0.0548	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0067	-2.5 to 2.5	Pass
					4.43	-13.390	-0.0162	-2.5 to 2.5	Pass
				-30	3.85	-18.940	-0.0229	-2.5 to 2.5	Pass
				-20	3.85	-23.746	-0.0287	-2.5 to 2.5	Pass
				-10	3.85	-29.383	-0.0356	-2.5 to 2.5	Pass
				0	3.85	-34.146	-0.0413	-2.5 to 2.5	Pass
				10	3.85	-39.897	-0.0483	-2.5 to 2.5	Pass
				30	3.85	-45.147	-0.0546	-2.5 to 2.5	Pass
				40	3.85	-4.907	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-8.798	-0.0106	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-32.630	-0.0390	-2.5 to 2.5	Pass
					3.85	-35.262	-0.0422	-2.5 to 2.5	Pass
					4.43	-35.963	-0.0430	-2.5 to 2.5	Pass
				-30	3.85	-35.477	-0.0424	-2.5 to 2.5	Pass
				-20	3.85	-35.820	-0.0428	-2.5 to 2.5	Pass
				-10	3.85	-35.806	-0.0428	-2.5 to 2.5	Pass
				0	3.85	-35.076	-0.0419	-2.5 to 2.5	Pass
				10	3.85	-35.934	-0.0430	-2.5 to 2.5	Pass
				30	3.85	-33.474	-0.0400	-2.5 to 2.5	Pass
				40	3.85	-33.431	-0.0400	-2.5 to 2.5	Pass
				50	3.85	-34.103	-0.0408	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-45.948	-0.0543	-2.5 to 2.5	Pass
					3.85	4.950	0.0058	-2.5 to 2.5	Pass
					4.43	4.478	0.0053	-2.5 to 2.5	Pass
				-30	3.85	6.137	0.0072	-2.5 to 2.5	Pass
				-20	3.85	4.120	0.0049	-2.5 to 2.5	Pass
				-10	3.85	2.632	0.0031	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.804	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-8.984	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-11.544	-0.0136	-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	5.436	0.0066	-2.5 to 2.5	Pass
					3.85	-20.413	-0.0246	-2.5 to 2.5	Pass
					4.43	-19.512	-0.0235	-2.5 to 2.5	Pass

				-30	3.85	-18.983	-0.0229	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-37.251	-0.0449	-2.5 to 2.5	Pass
				0	3.85	-14.977	-0.0181	-2.5 to 2.5	Pass
				10	3.85	-37.436	-0.0452	-2.5 to 2.5	Pass
				30	3.85	-18.268	-0.0220	-2.5 to 2.5	Pass
				40	3.85	-39.253	-0.0473	-2.5 to 2.5	Pass
				50	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	12.445	0.0149	-2.5 to 2.5	Pass
					3.85	16.909	0.0202	-2.5 to 2.5	Pass
					4.43	0.758	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-16.294	-0.0195	-2.5 to 2.5	Pass
				-20	3.85	-31.600	-0.0378	-2.5 to 2.5	Pass
				-10	3.85	-45.691	-0.0546	-2.5 to 2.5	Pass
				0	3.85	-7.782	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-17.667	-0.0211	-2.5 to 2.5	Pass
				30	3.85	-26.979	-0.0323	-2.5 to 2.5	Pass
				40	3.85	-35.377	-0.0423	-2.5 to 2.5	Pass
				50	3.85	-44.374	-0.0530	-2.5 to 2.5	Pass
	844	50	0	20	3.27	13.847	0.0164	-2.5 to 2.5	Pass
					3.85	17.066	0.0202	-2.5 to 2.5	Pass
					4.43	7.353	0.0087	-2.5 to 2.5	Pass
				-30	3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-13.690	-0.0162	-2.5 to 2.5	Pass
				-10	3.85	-26.679	-0.0316	-2.5 to 2.5	Pass
				0	3.85	-34.518	-0.0409	-2.5 to 2.5	Pass
				10	3.85	-42.901	-0.0508	-2.5 to 2.5	Pass
				30	3.85	-8.497	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-15.965	-0.0189	-2.5 to 2.5	Pass
				50	3.85	-22.888	-0.0271	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-23.131	-0.0279	-2.5 to 2.5	Pass
					3.85	-28.939	-0.0349	-2.5 to 2.5	Pass
					4.43	-31.414	-0.0379	-2.5 to 2.5	Pass
				-30	3.85	-35.934	-0.0433	-2.5 to 2.5	Pass
				-20	3.85	-40.169	-0.0485	-2.5 to 2.5	Pass
				-10	3.85	-42.686	-0.0515	-2.5 to 2.5	Pass
				0	3.85	-45.805	-0.0553	-2.5 to 2.5	Pass
				10	3.85	-7.339	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-10.700	-0.0129	-2.5 to 2.5	Pass
				40	3.85	-12.088	-0.0146	-2.5 to 2.5	Pass
				50	3.85	-15.264	-0.0184	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-5.021	-0.0060	-2.5 to 2.5	Pass
					3.85	-3.047	-0.0036	-2.5 to 2.5	Pass
					4.43	0.129	0.0002	-2.5 to 2.5	Pass
				-30	3.85	2.632	0.0031	-2.5 to 2.5	Pass
				-20	3.85	4.306	0.0051	-2.5 to 2.5	Pass
				-10	3.85	4.392	0.0053	-2.5 to 2.5	Pass
				0	3.85	5.865	0.0070	-2.5 to 2.5	Pass
				10	3.85	6.652	0.0080	-2.5 to 2.5	Pass
				30	3.85	5.851	0.0070	-2.5 to 2.5	Pass
				40	3.85	3.076	0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.377	-0.0052	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-27.838	-0.0330	-2.5 to 2.5	Pass
					3.85	-26.336	-0.0312	-2.5 to 2.5	Pass
					4.43	-23.875	-0.0283	-2.5 to 2.5	Pass
				-30	3.85	-20.785	-0.0246	-2.5 to 2.5	Pass
				-20	3.85	-18.282	-0.0217	-2.5 to 2.5	Pass

				-10	3.85	-17.624	-0.0209	-2.5 to 2.5	Pass
				0	3.85	-17.653	-0.0209	-2.5 to 2.5	Pass
				10	3.85	-17.810	-0.0211	-2.5 to 2.5	Pass
				30	3.85	-18.096	-0.0214	-2.5 to 2.5	Pass
				40	3.85	-18.425	-0.0218	-2.5 to 2.5	Pass
				50	3.85	-19.469	-0.0231	-2.5 to 2.5	Pass

3. Modulation Characteristics

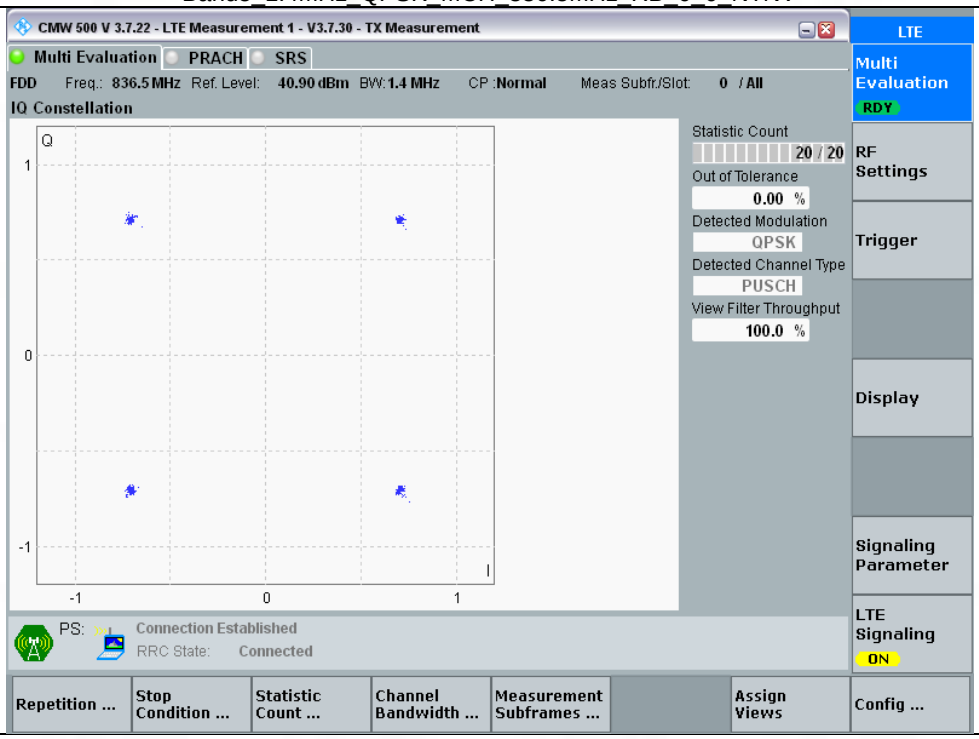
3.1 B5_1.4MHz

3.1.1 Test Result

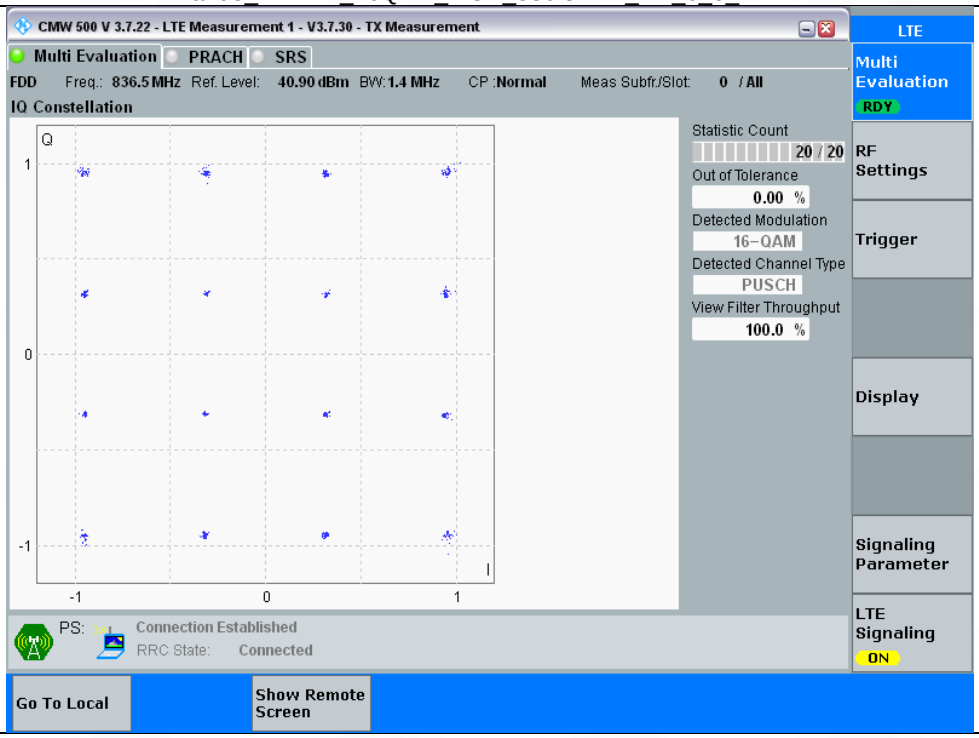
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

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



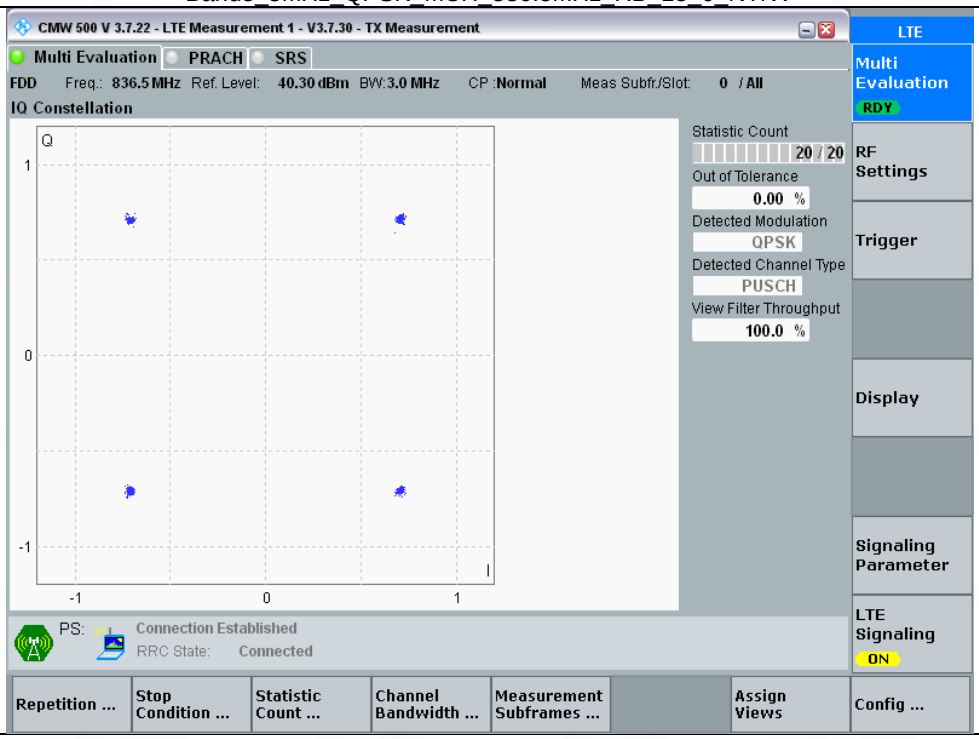
3.2 B5_3MHz

3.2.1 Test Result

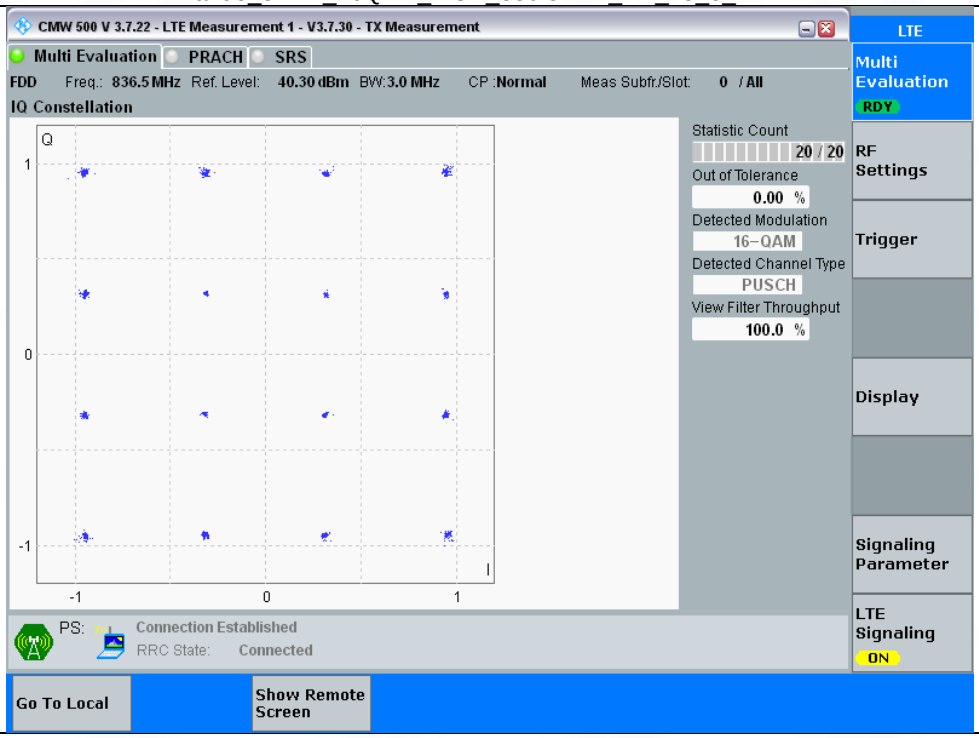
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

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



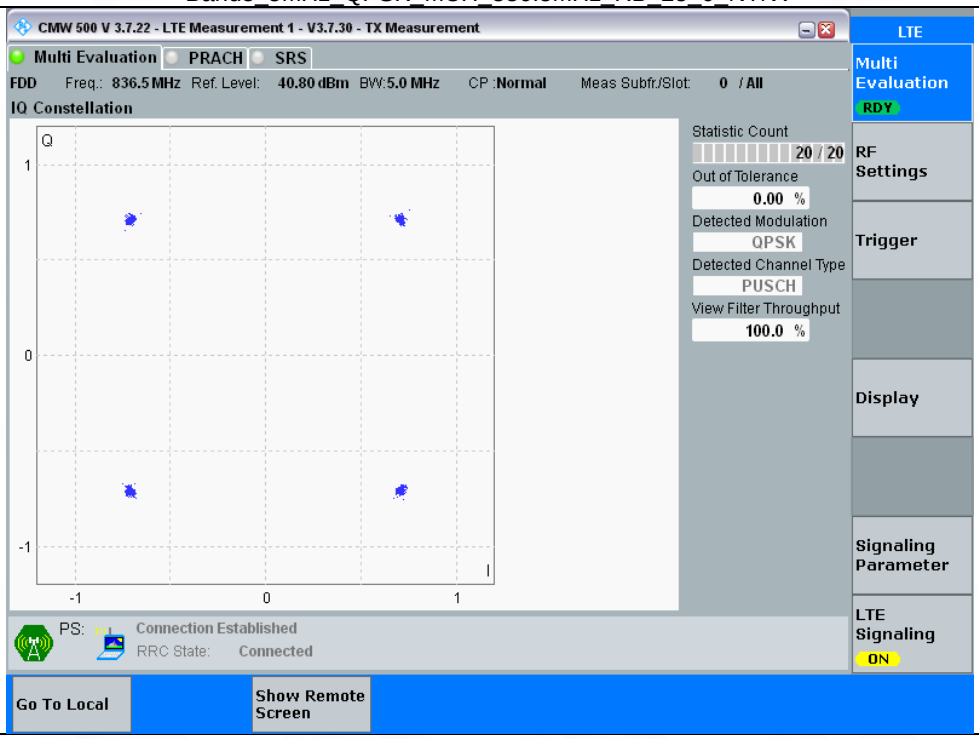
3.3 B5_5MHz

3.3.1 Test Result

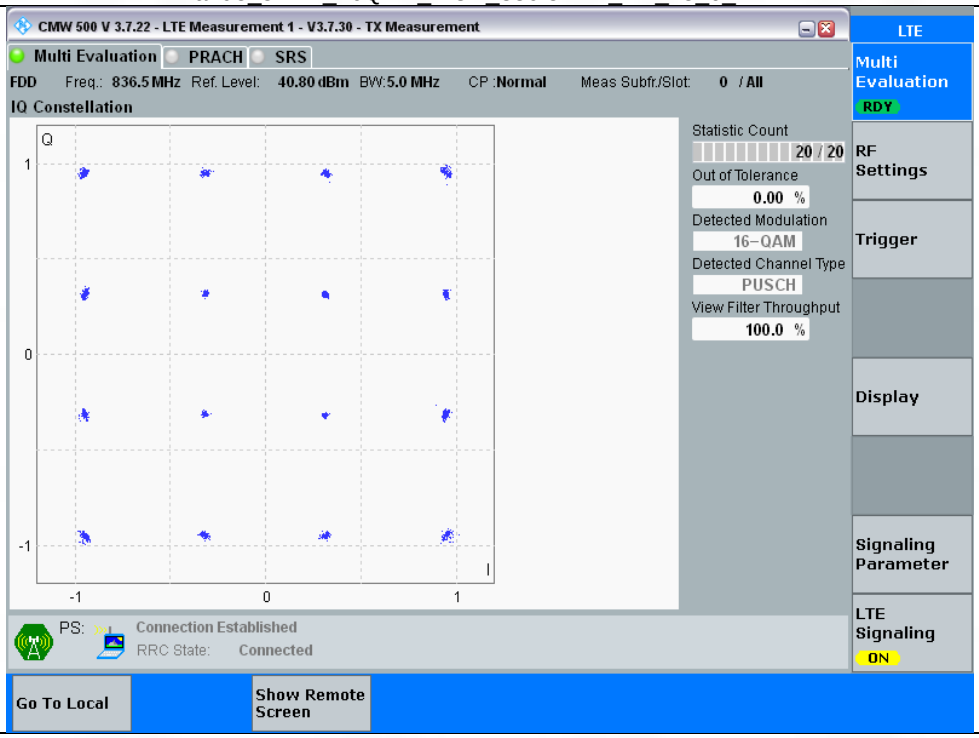
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

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



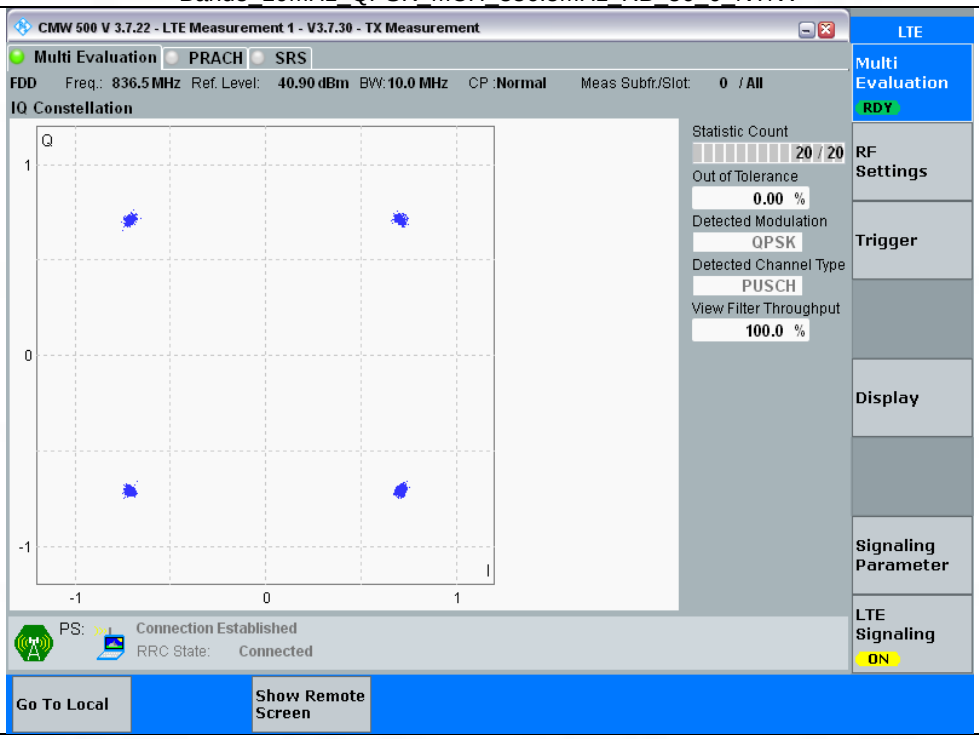
3.4 B5_10MHz

3.4.1 Test Result

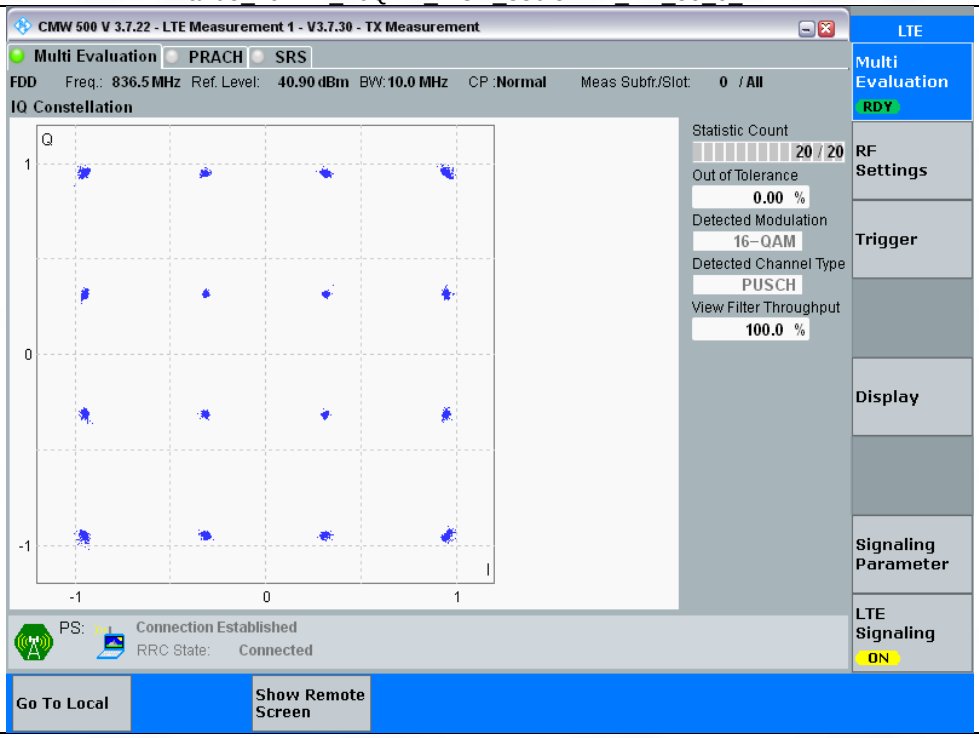
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

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



4. 99% & 26dB Bandwidth

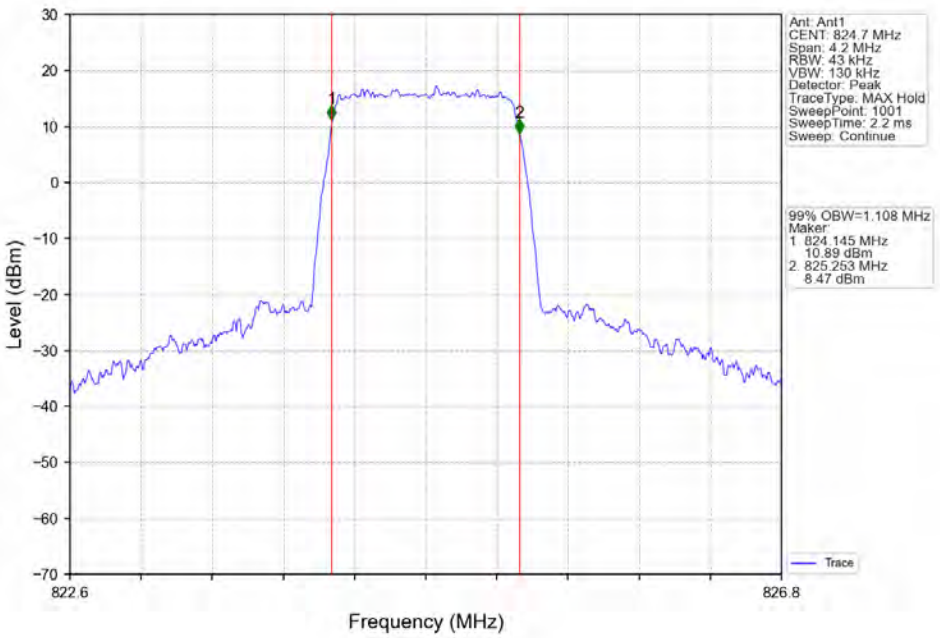
4.1 Band5_OBW

4.1.1 Test Result

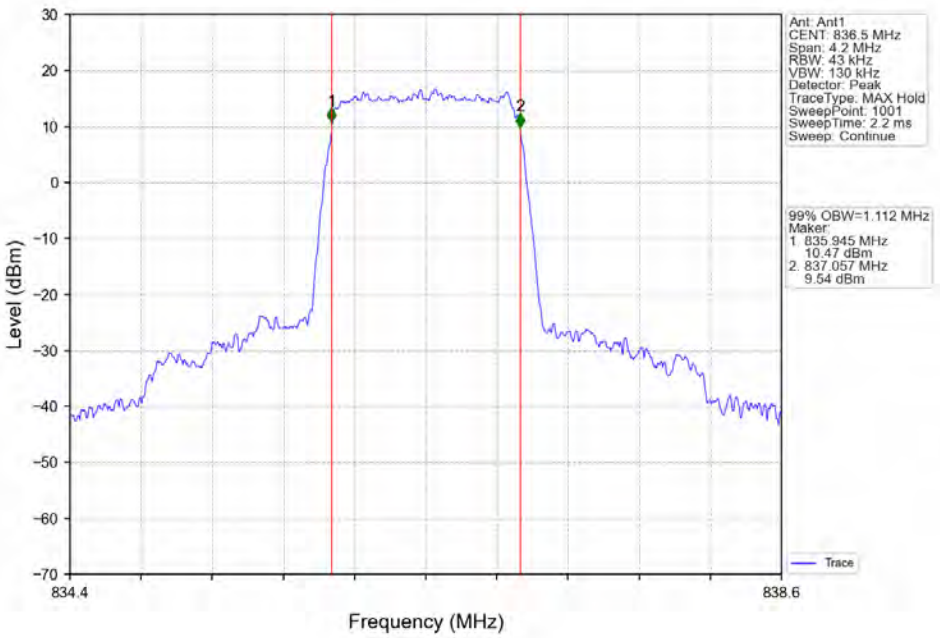
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.108	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.106	/	Pass
	16QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.110	/	Pass
		848.3	6	0	1.107	/	Pass
3	QPSK	825.5	15	0	2.745	/	Pass
		836.5	15	0	2.755	/	Pass
		847.5	15	0	2.757	/	Pass
	16QAM	825.5	15	0	2.759	/	Pass
		836.5	15	0	2.755	/	Pass
		847.5	15	0	2.746	/	Pass
5	QPSK	826.5	25	0	4.560	/	Pass
		836.5	25	0	4.548	/	Pass
		846.5	25	0	4.546	/	Pass
	16QAM	826.5	25	0	4.559	/	Pass
		836.5	25	0	4.555	/	Pass
		846.5	25	0	4.577	/	Pass
10	QPSK	829	50	0	9.074	/	Pass
		836.5	50	0	9.082	/	Pass
		844	50	0	9.112	/	Pass
	16QAM	829	50	0	9.074	/	Pass
		836.5	50	0	9.062	/	Pass
		844	50	0	9.065	/	Pass

4.1.2 Test Graph

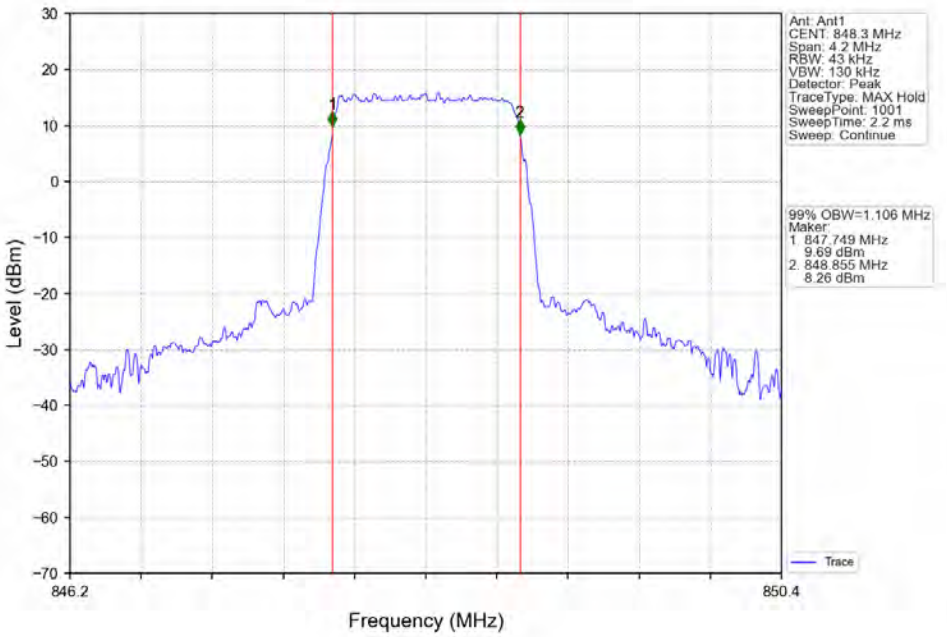
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



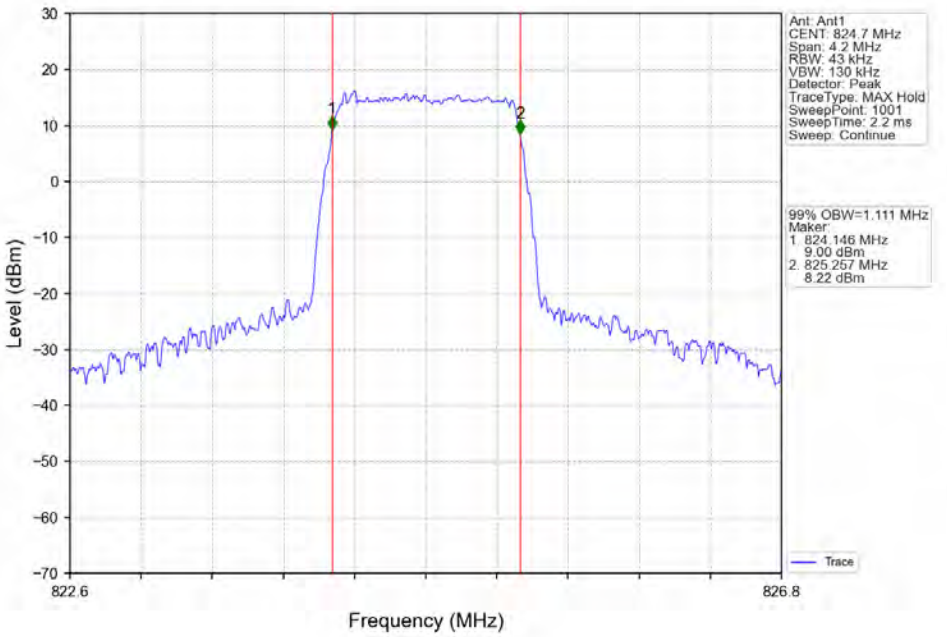
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



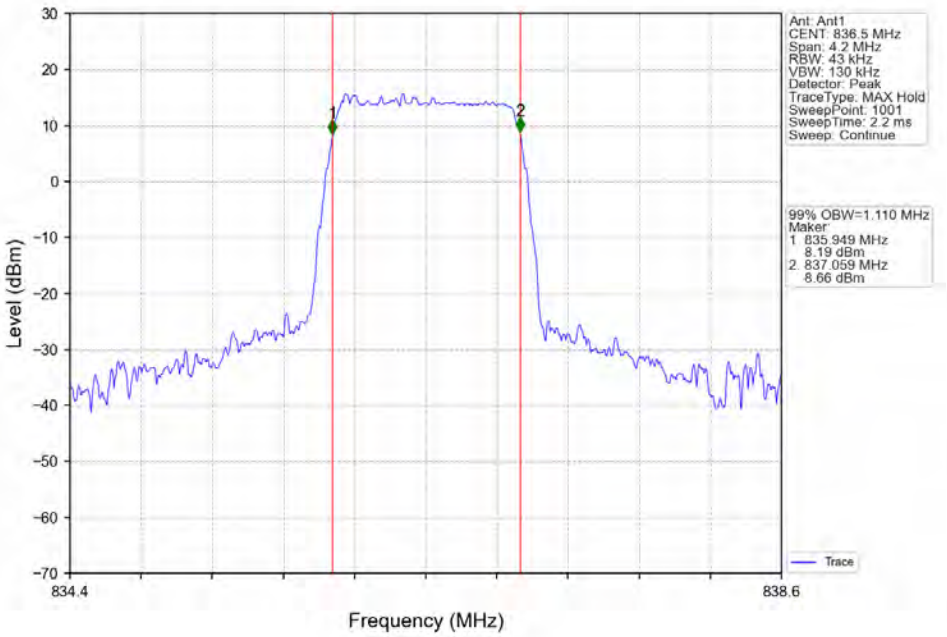
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



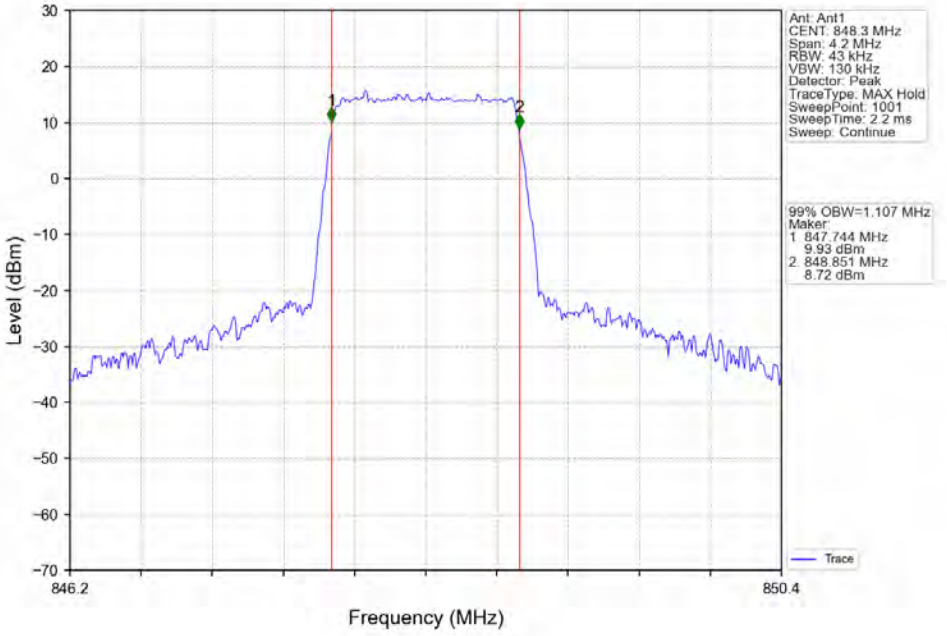
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



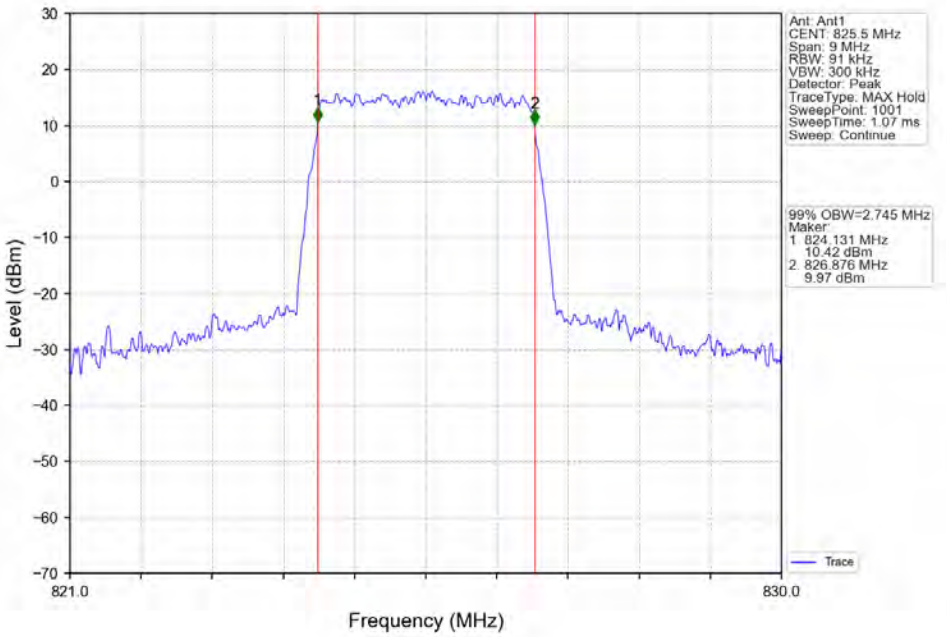
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



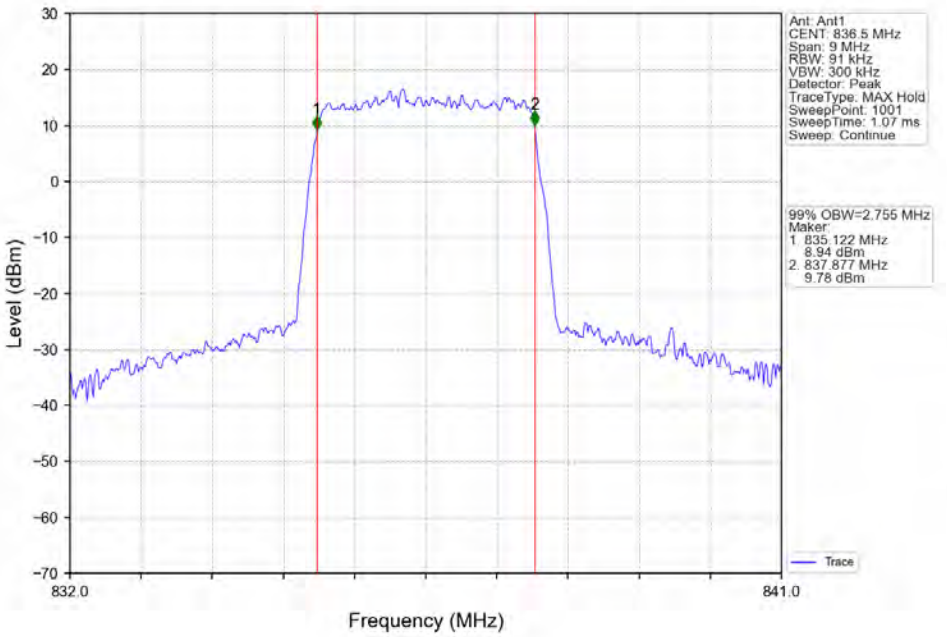
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



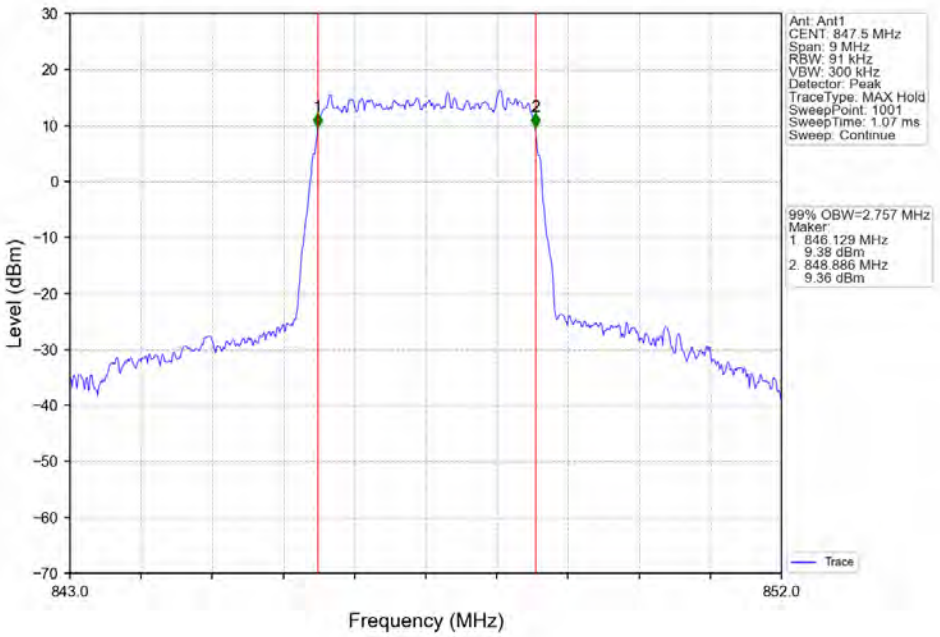
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



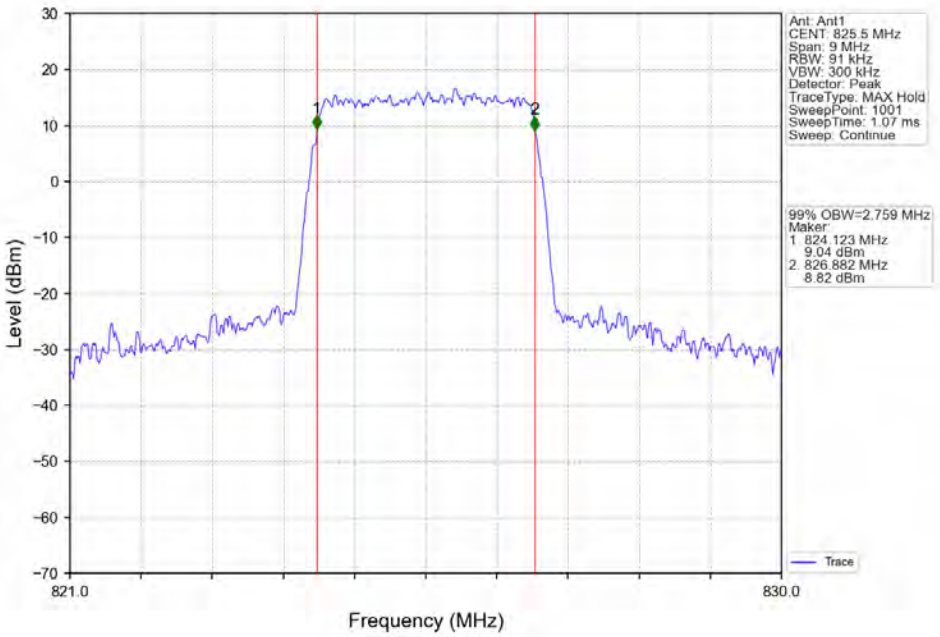
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



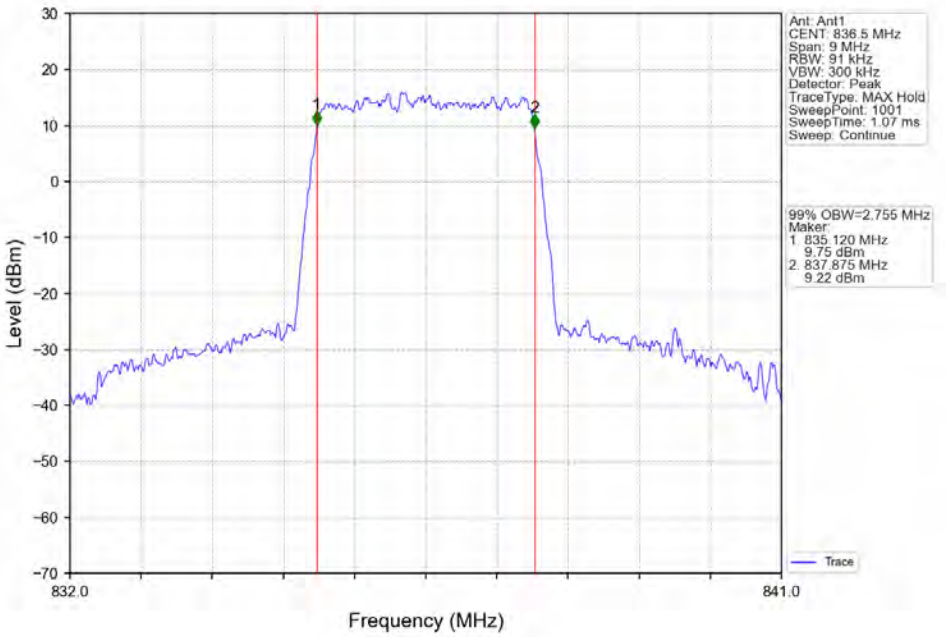
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



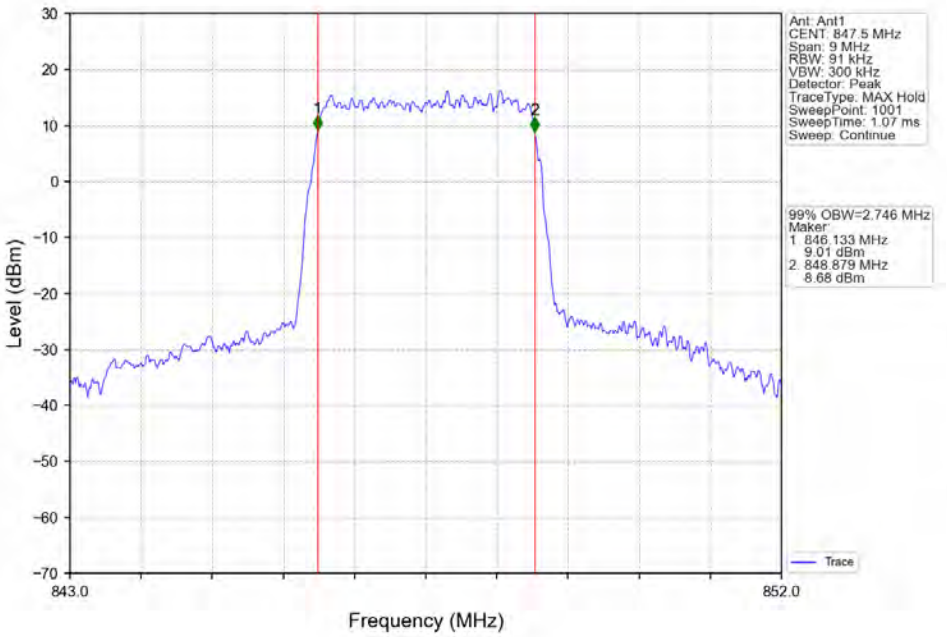
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



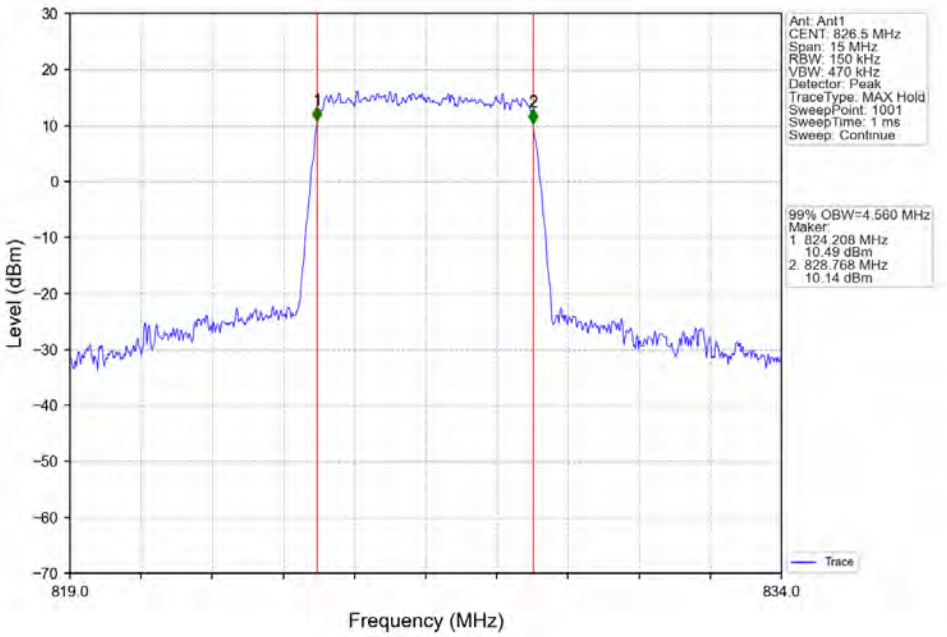
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



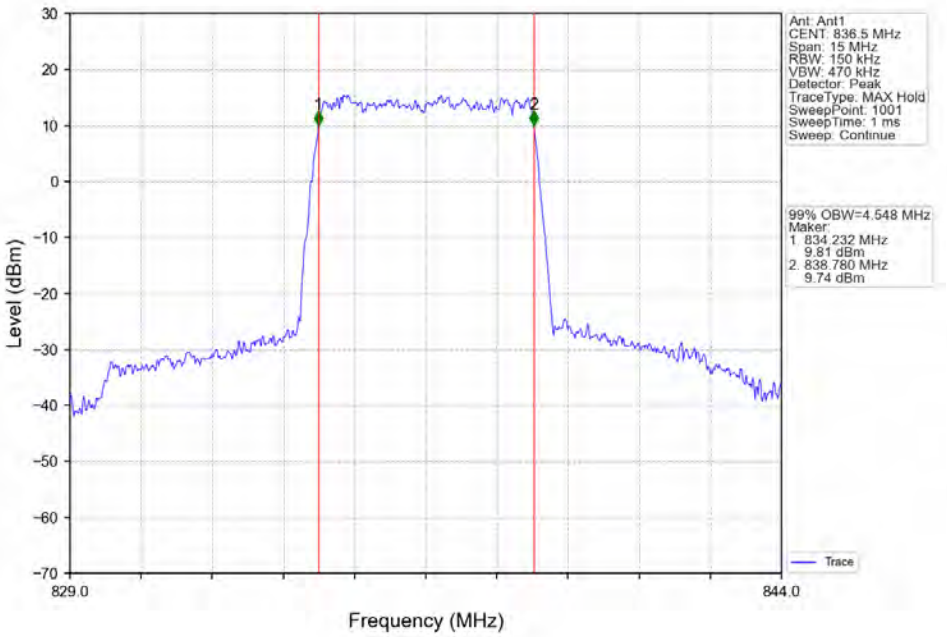
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



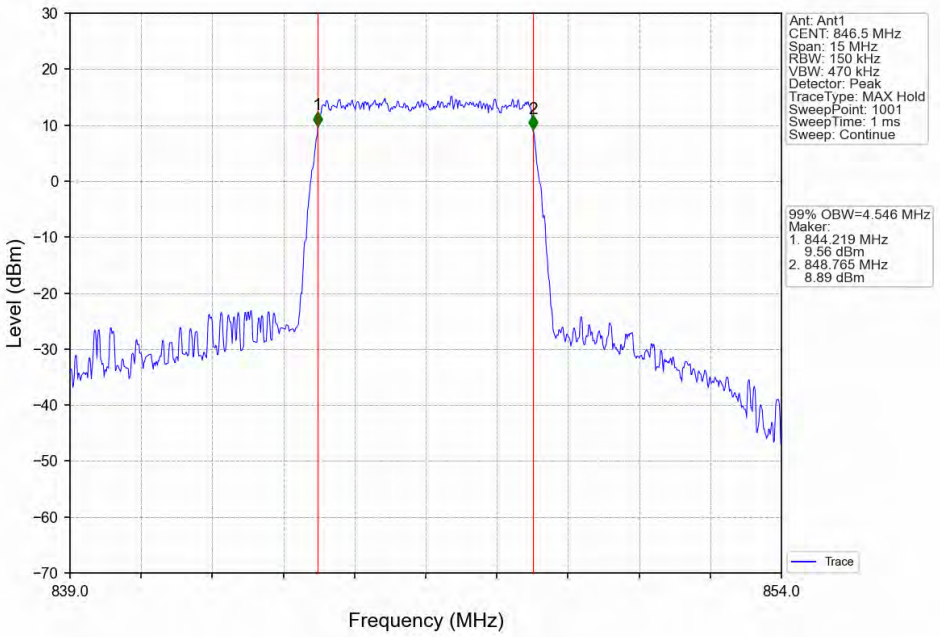
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



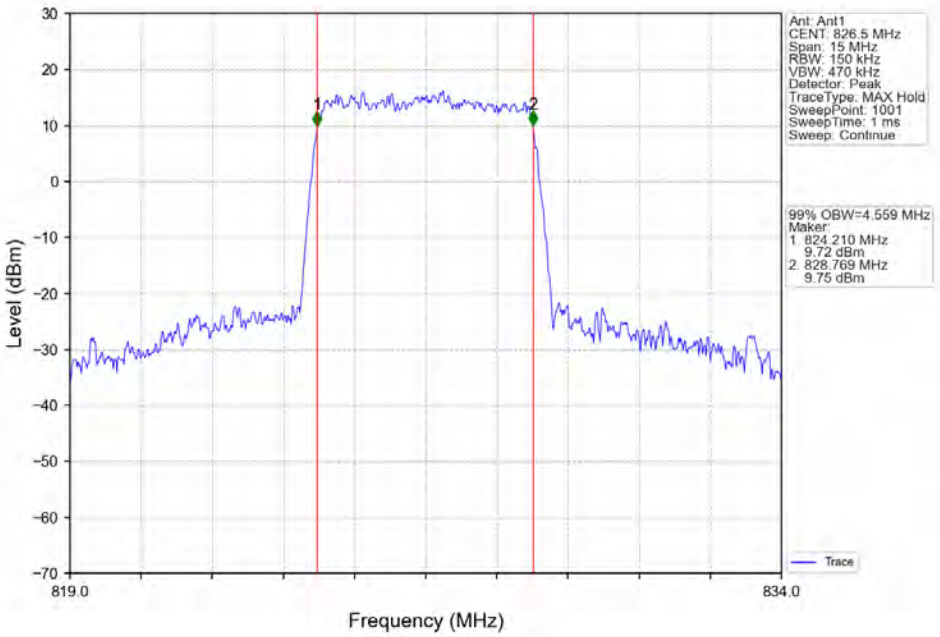
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



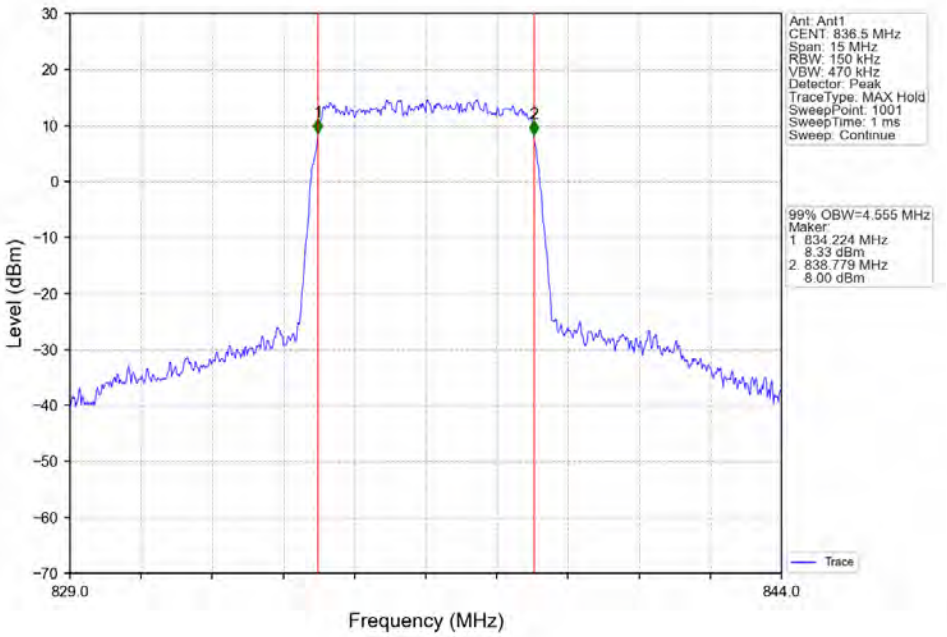
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



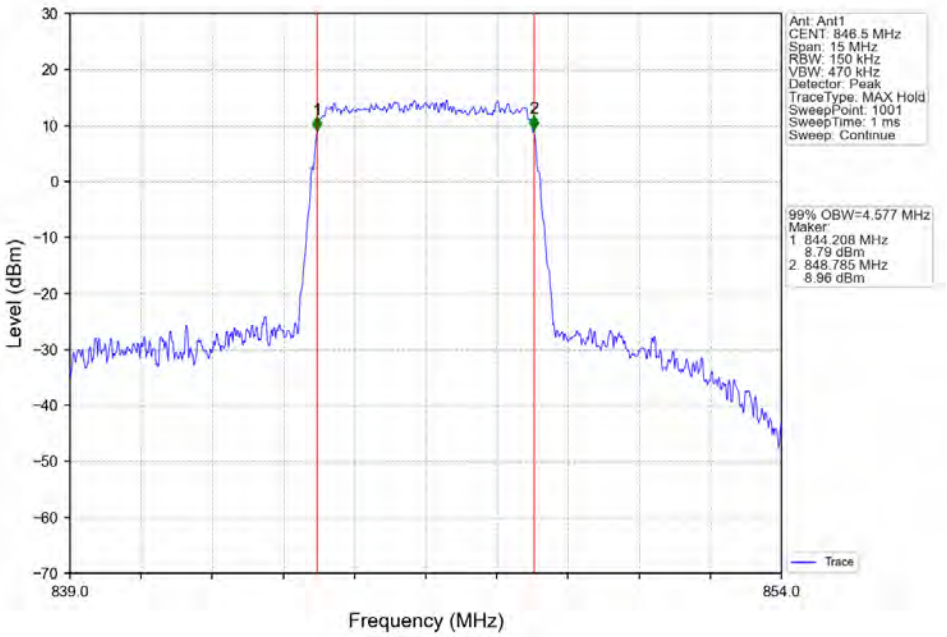
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



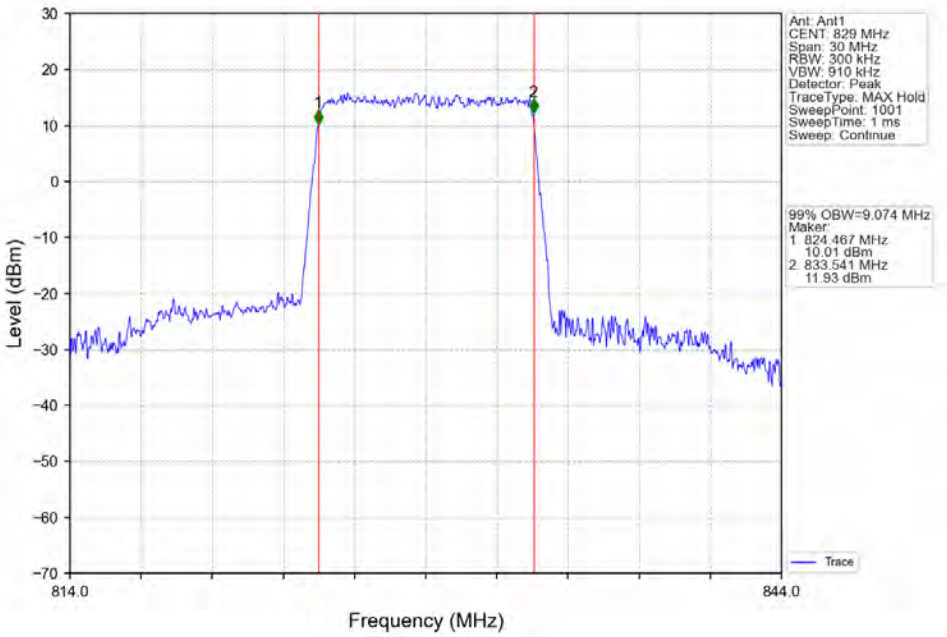
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



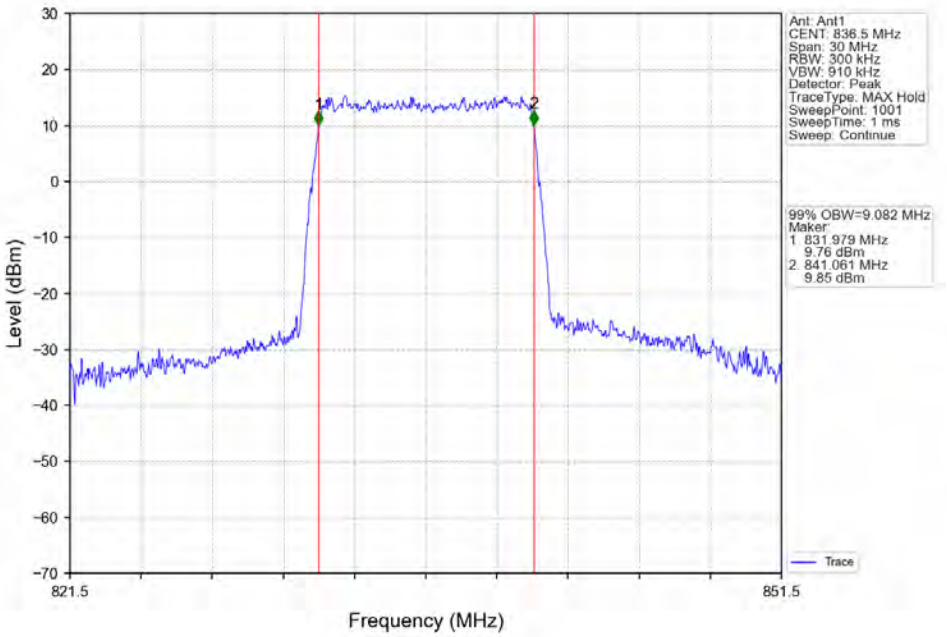
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



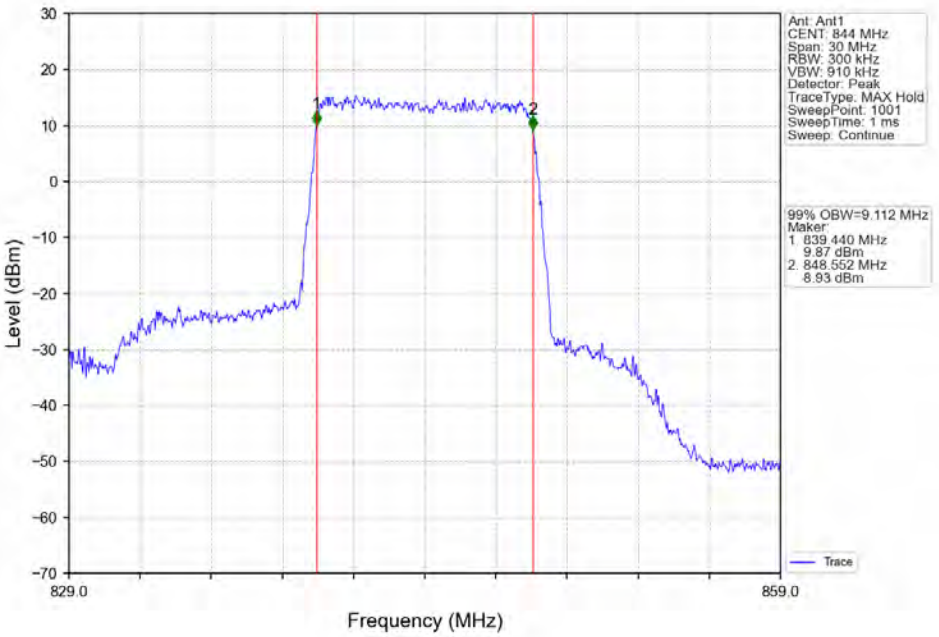
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



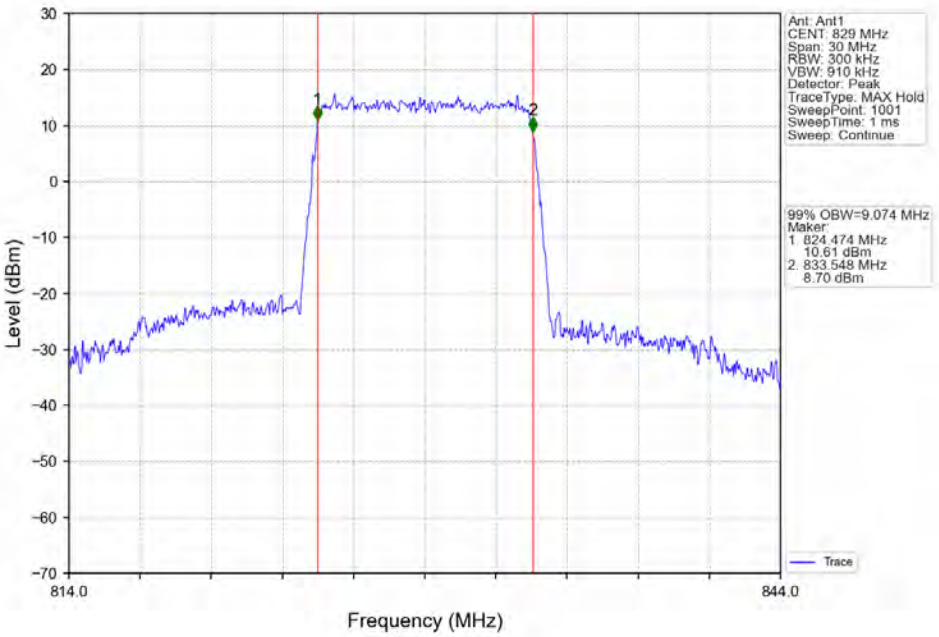
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



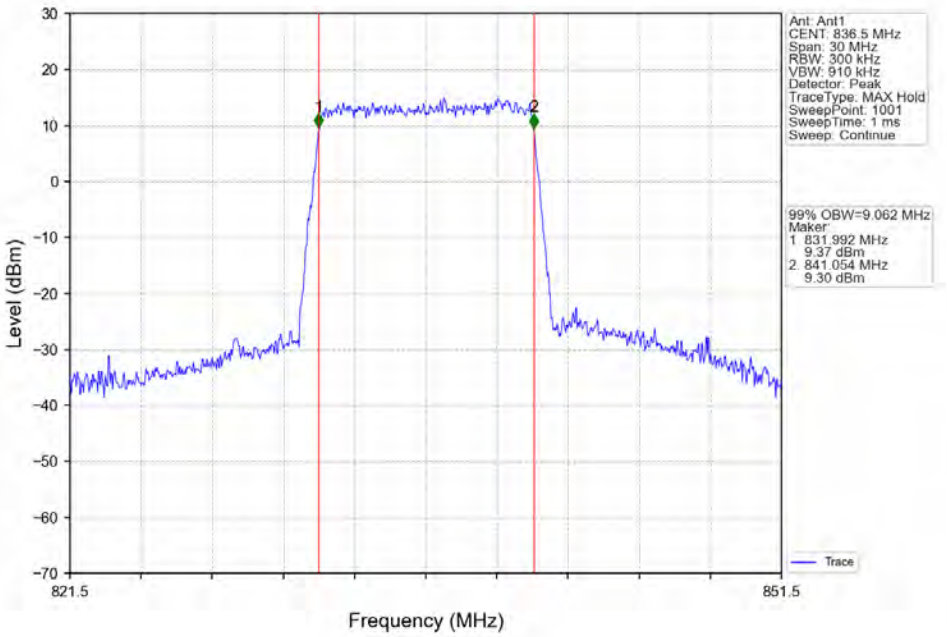
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



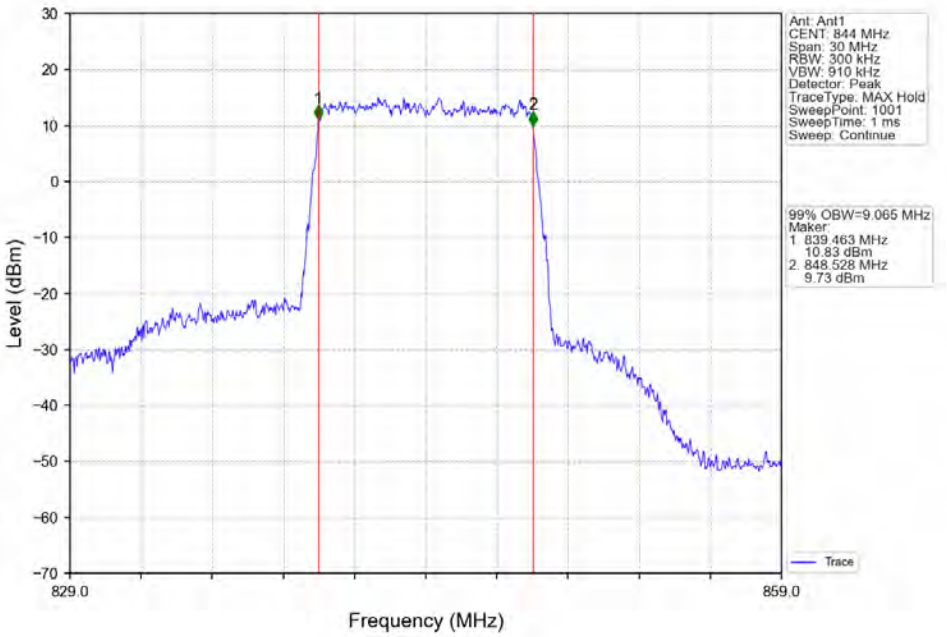
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



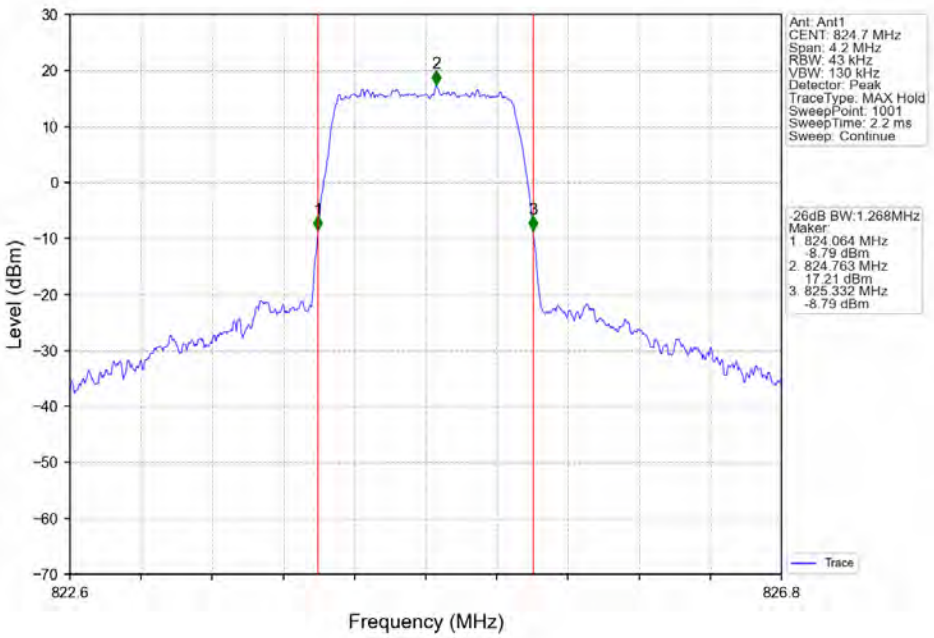
4.2 Band5_XDB

4.2.1 Test Result

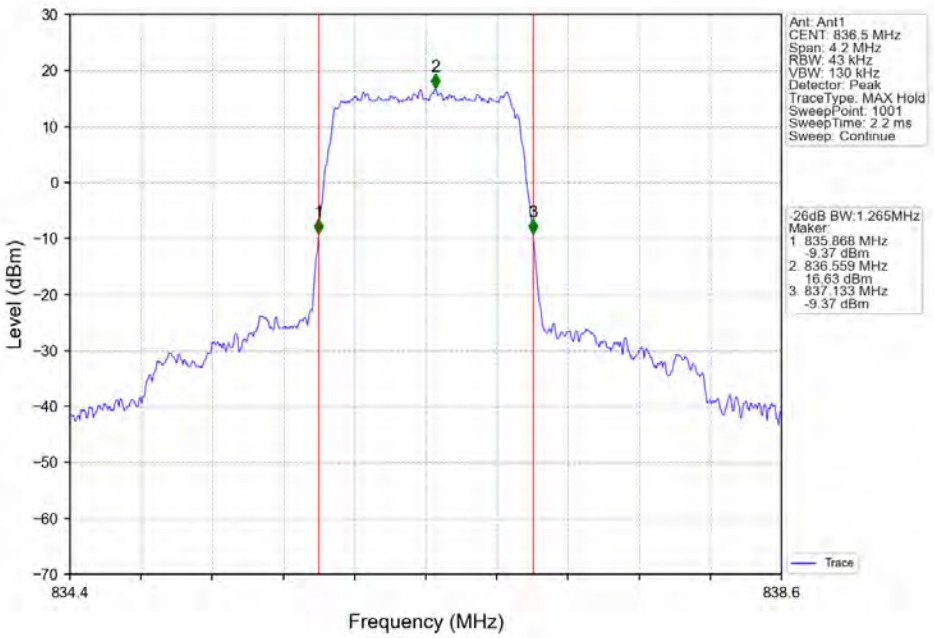
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.268	/	Pass
		836.5	6	0	1.265	/	Pass
		848.3	6	0	1.273	/	Pass
	16QAM	824.7	6	0	1.274	/	Pass
		836.5	6	0	1.275	/	Pass
		848.3	6	0	1.272	/	Pass
3	QPSK	825.5	15	0	3.094	/	Pass
		836.5	15	0	3.096	/	Pass
		847.5	15	0	3.068	/	Pass
	16QAM	825.5	15	0	3.101	/	Pass
		836.5	15	0	3.094	/	Pass
		847.5	15	0	3.077	/	Pass
5	QPSK	826.5	25	0	5.073	/	Pass
		836.5	25	0	5.069	/	Pass
		846.5	25	0	5.086	/	Pass
	16QAM	826.5	25	0	5.047	/	Pass
		836.5	25	0	5.063	/	Pass
		846.5	25	0	5.059	/	Pass
10	QPSK	829	50	0	10.041	/	Pass
		836.5	50	0	10.078	/	Pass
		844	50	0	10.050	/	Pass
	16QAM	829	50	0	10.000	/	Pass
		836.5	50	0	10.035	/	Pass
		844	50	0	10.119	/	Pass

4.2.2 Test Graph

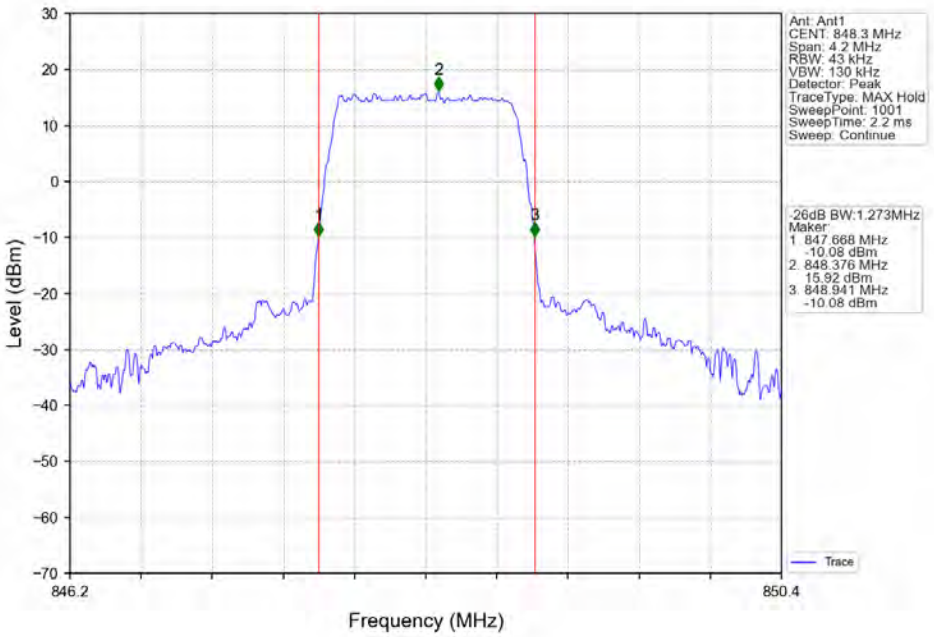
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



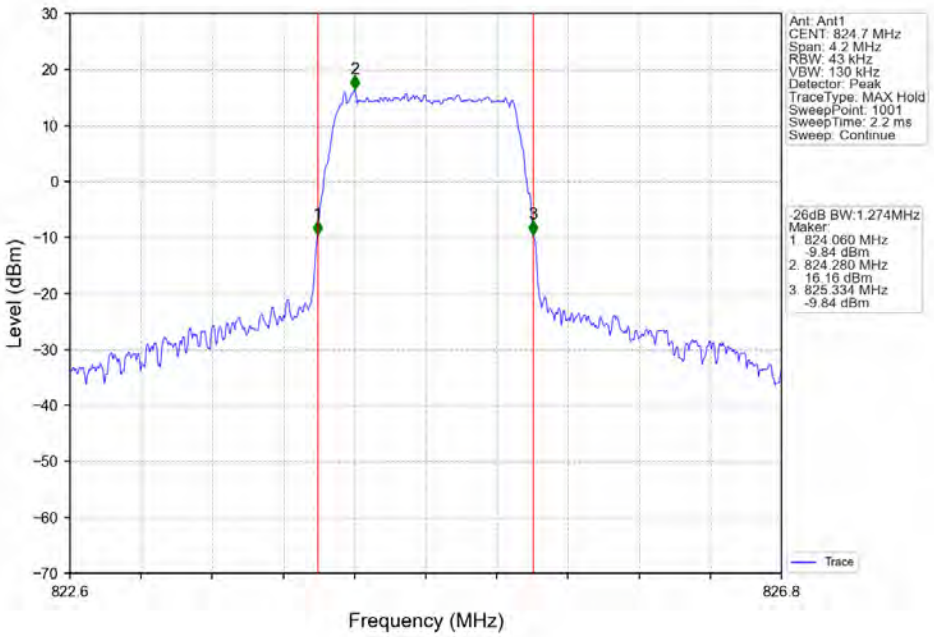
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



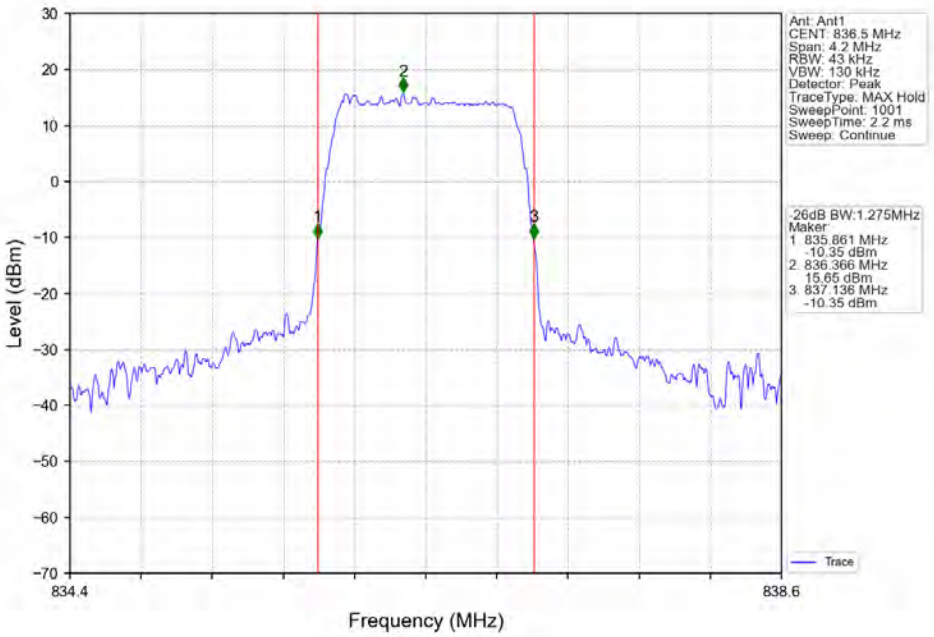
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



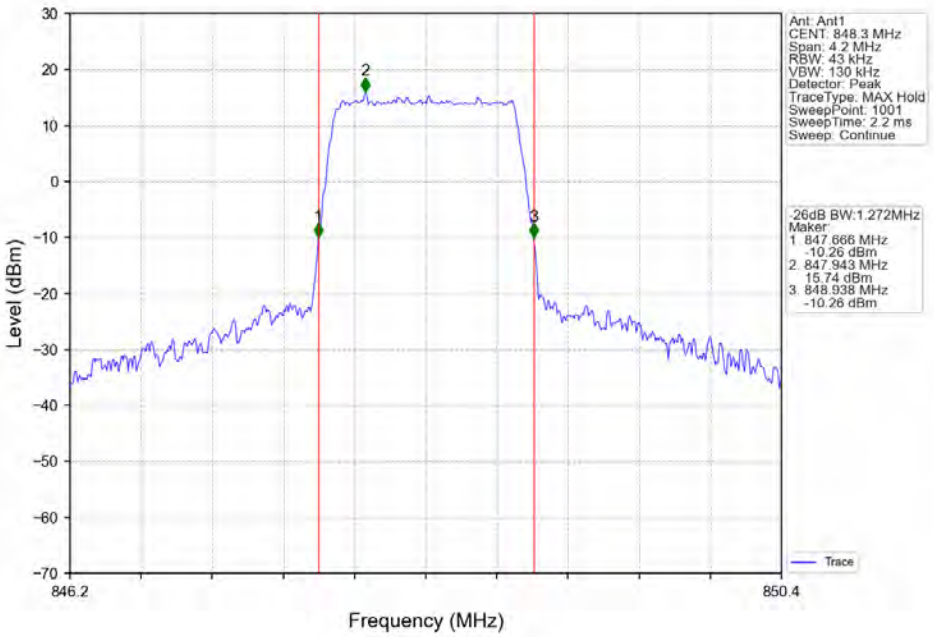
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



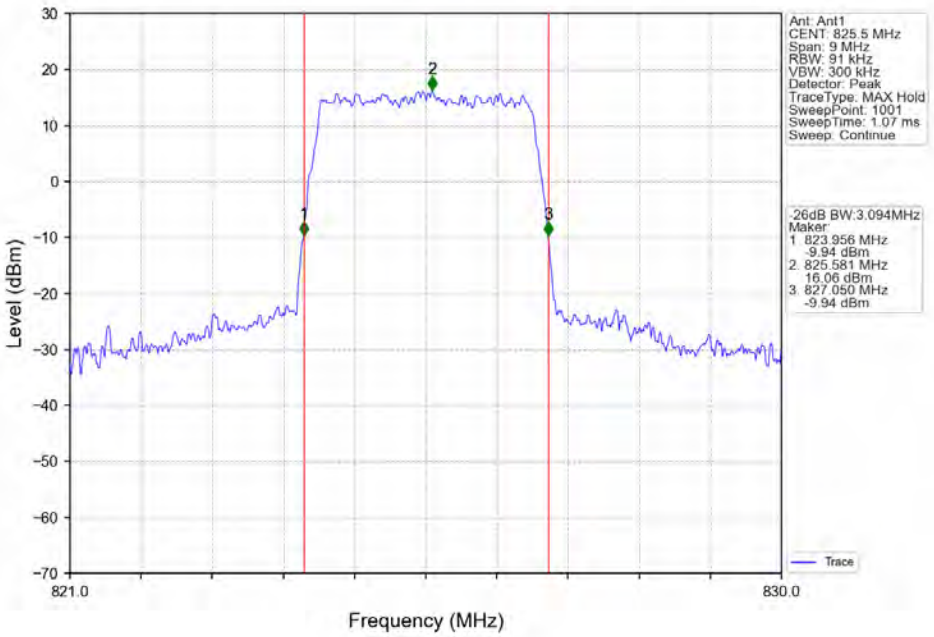
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



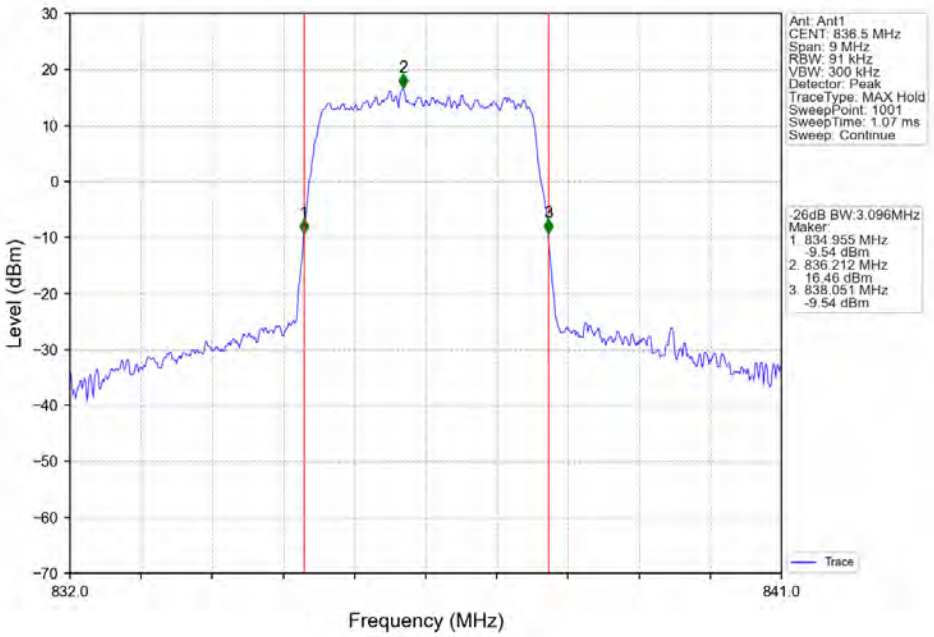
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



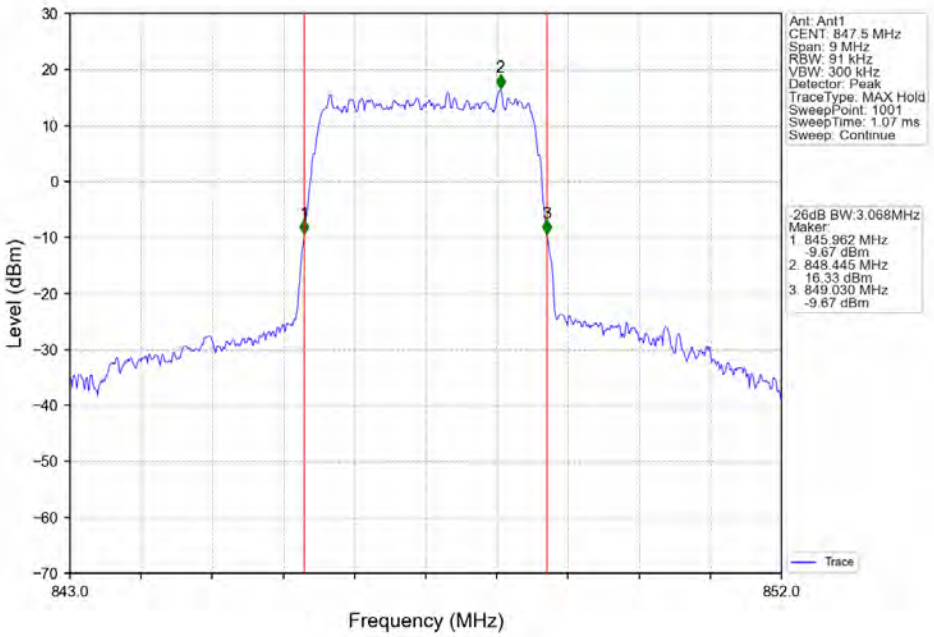
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



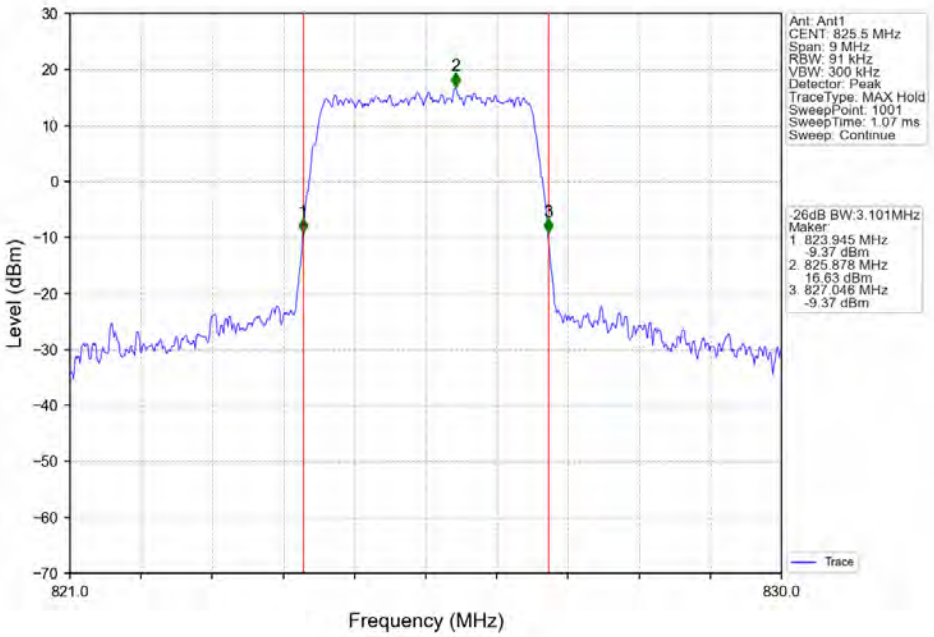
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



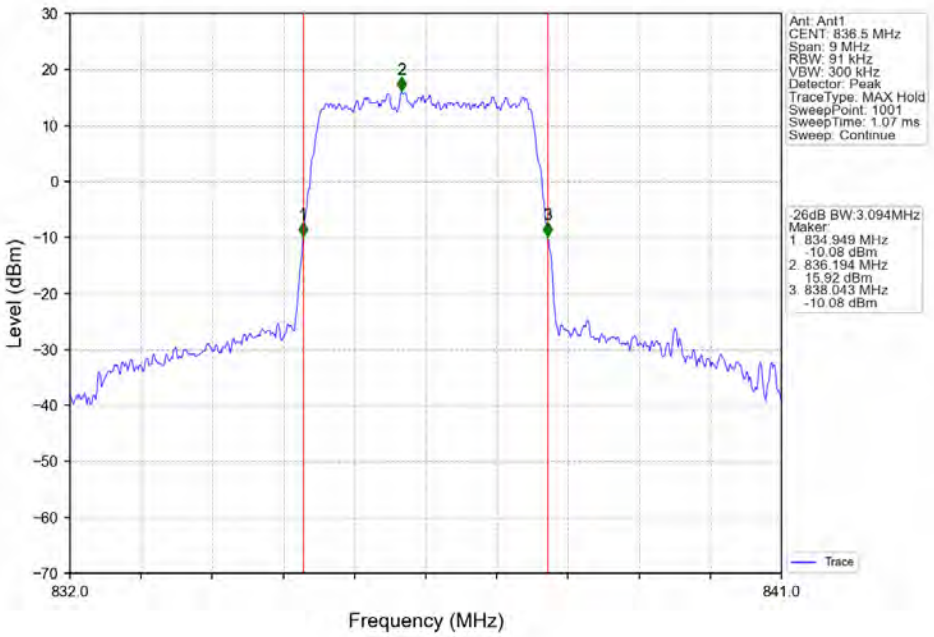
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



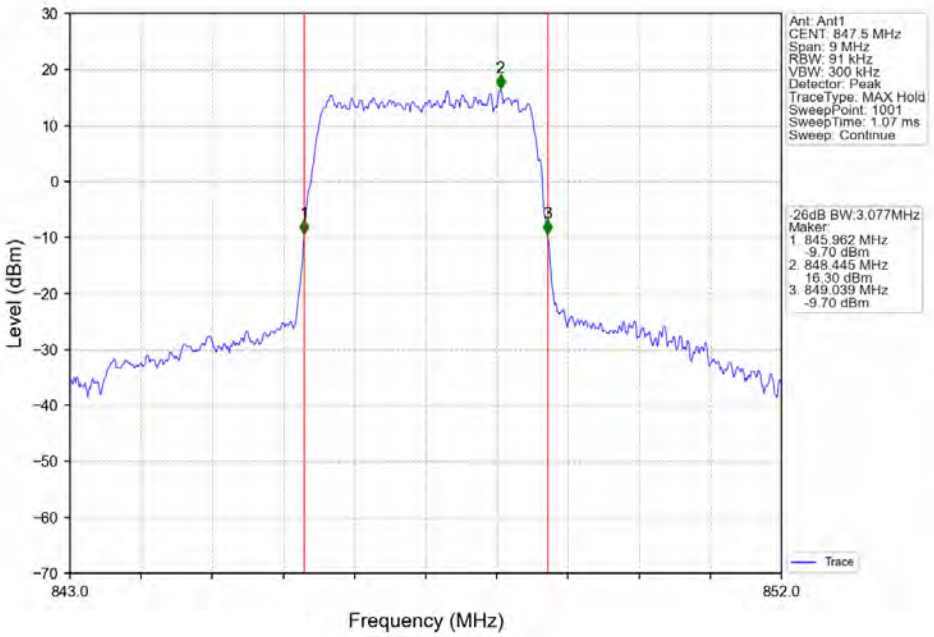
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



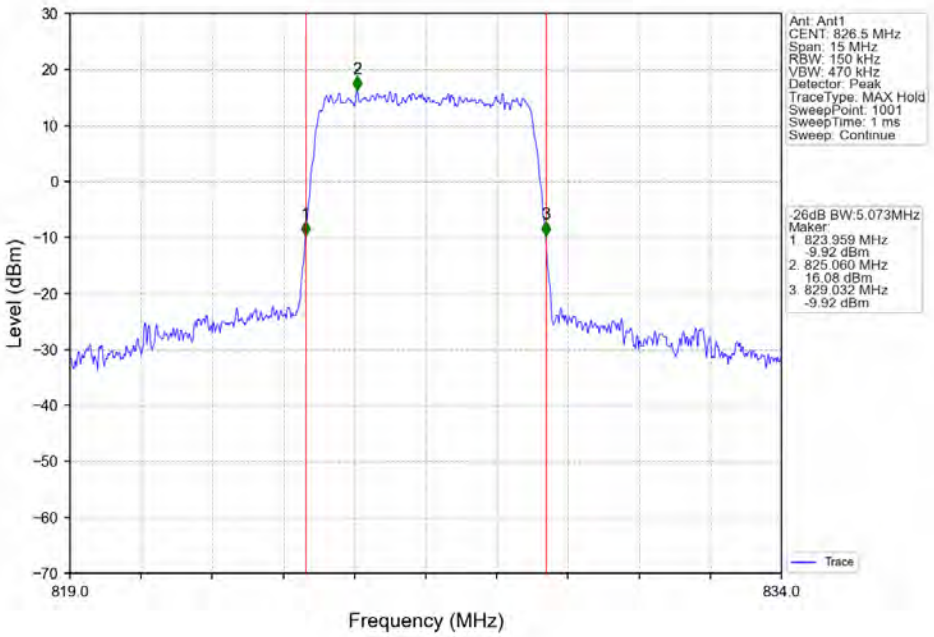
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



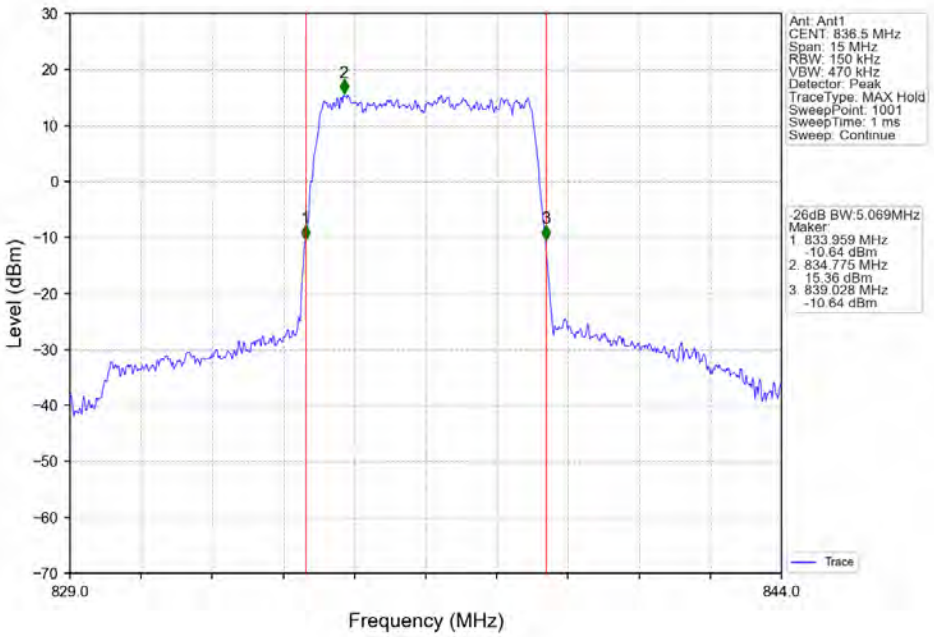
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



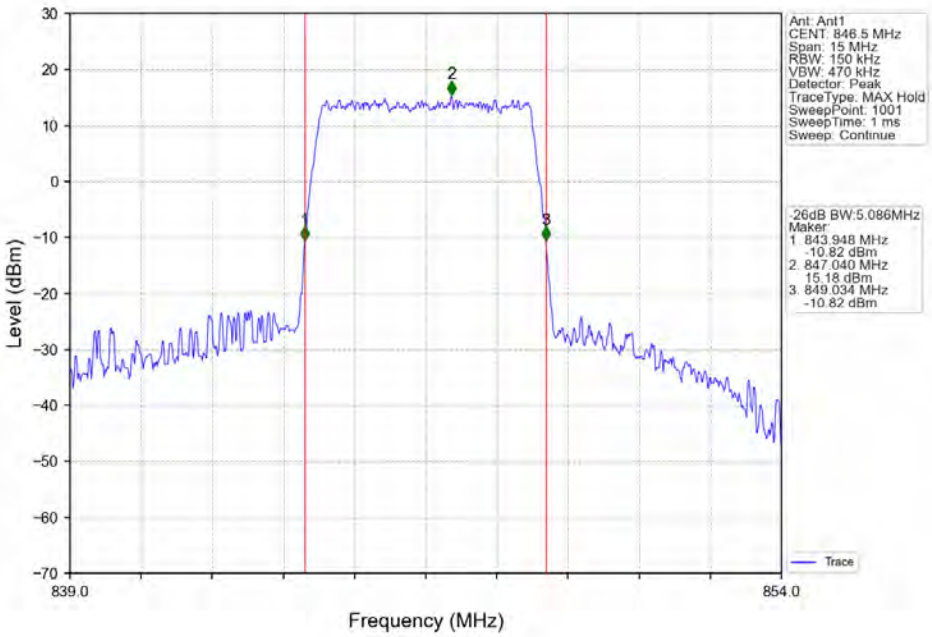
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



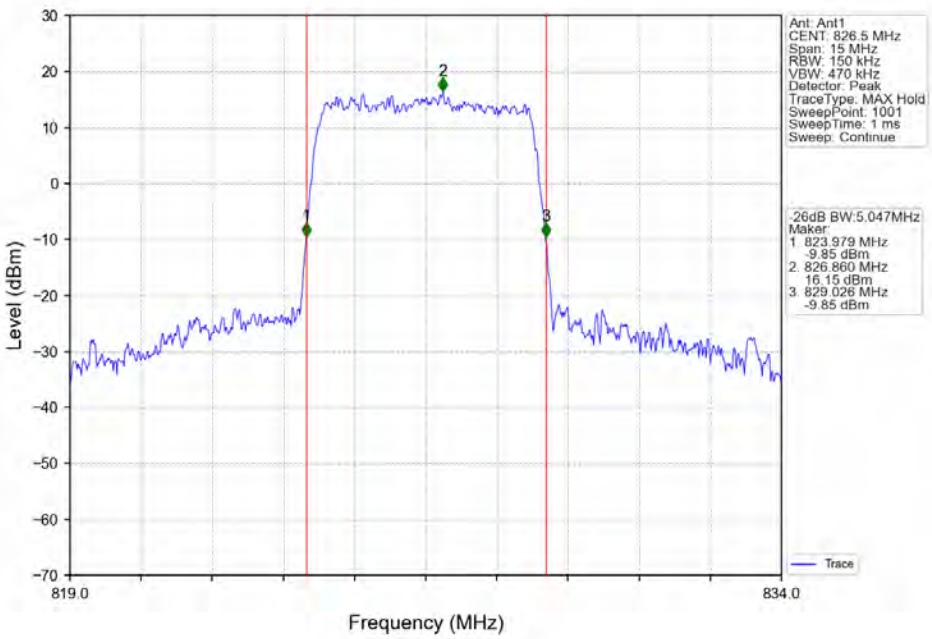
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



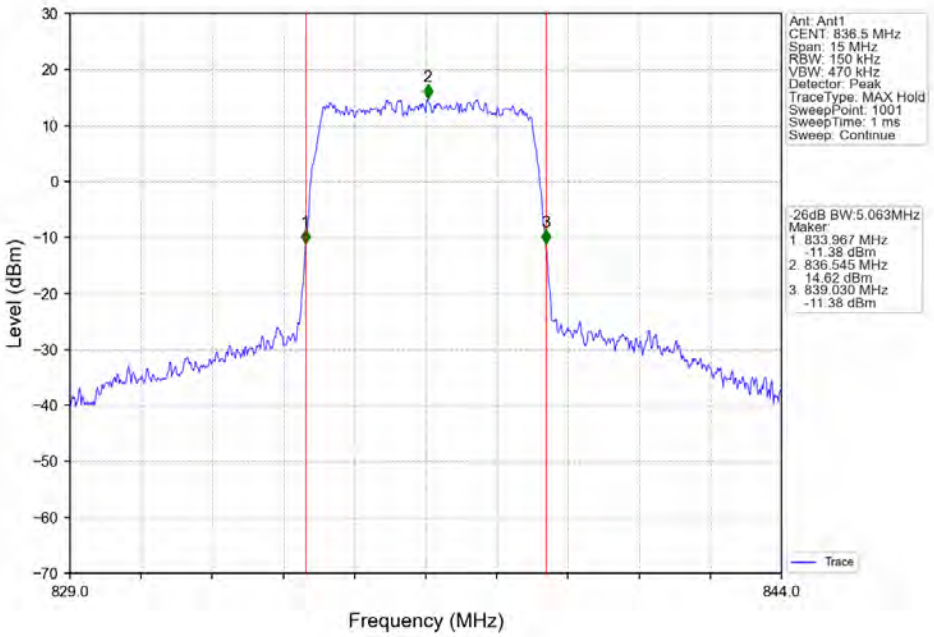
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



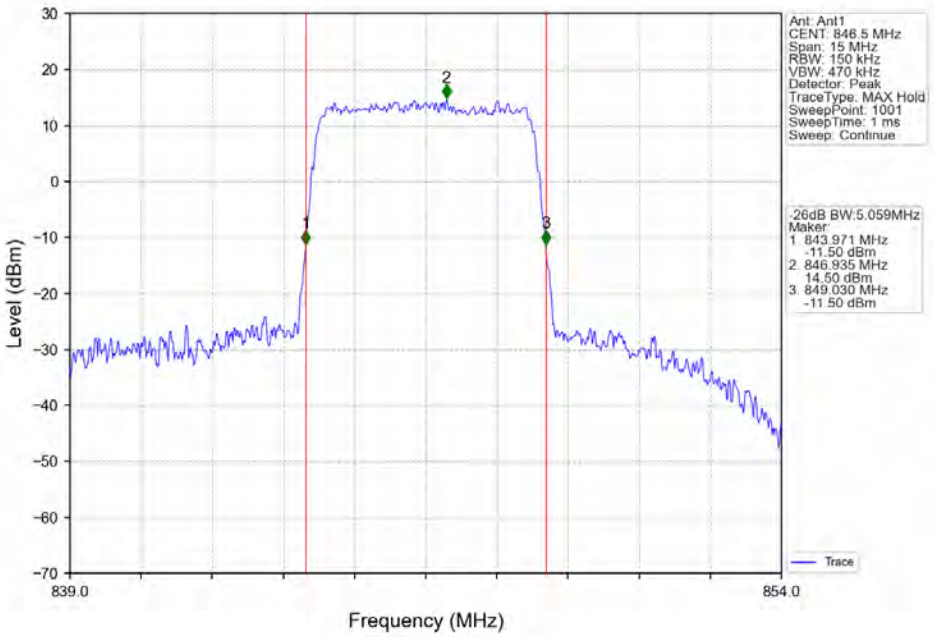
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



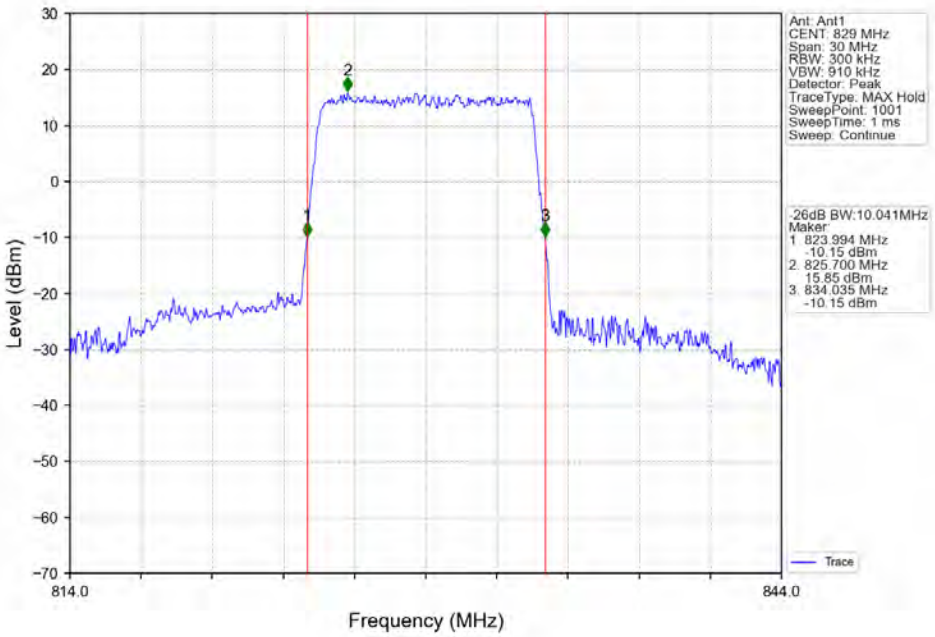
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



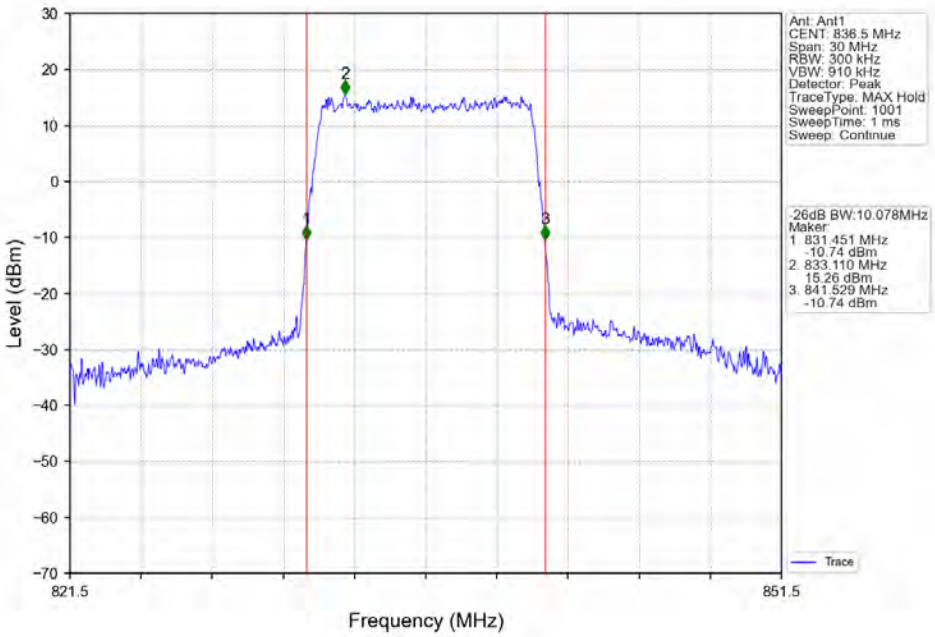
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



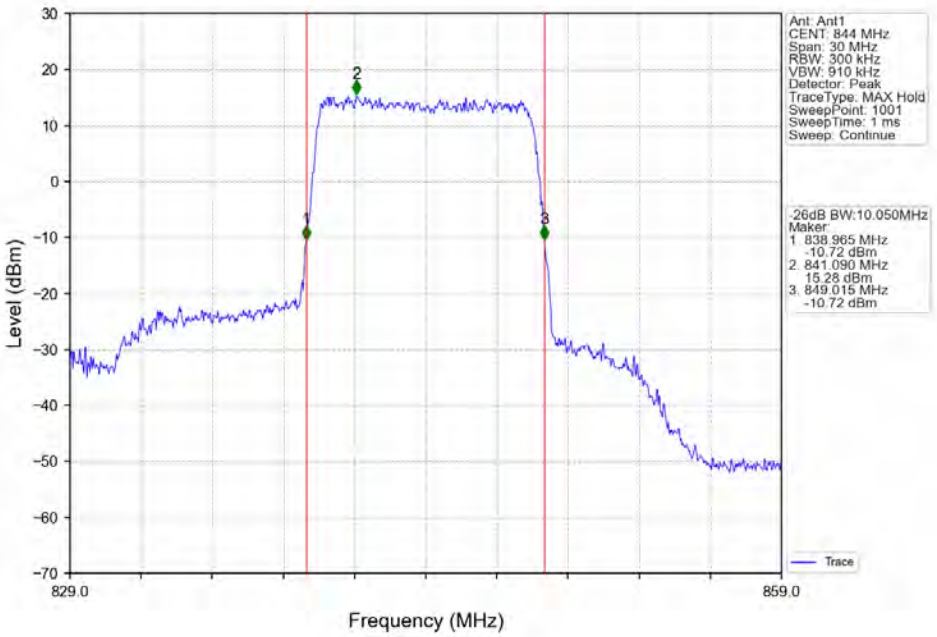
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



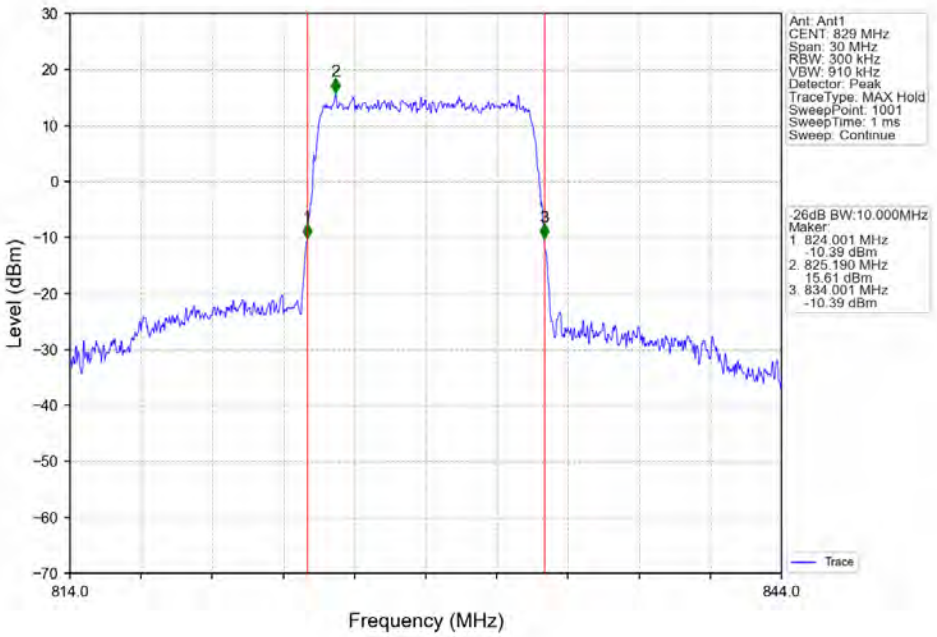
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



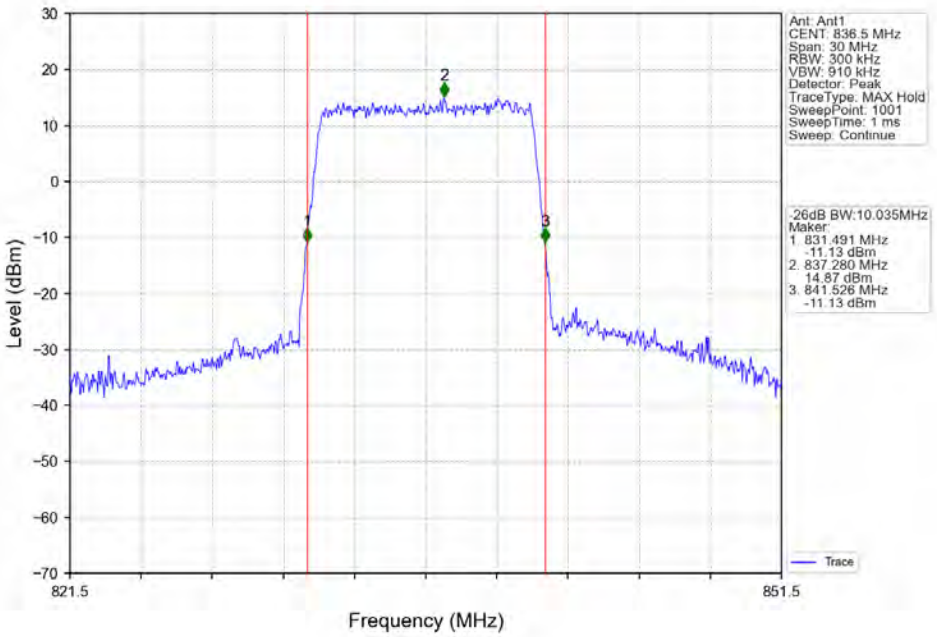
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



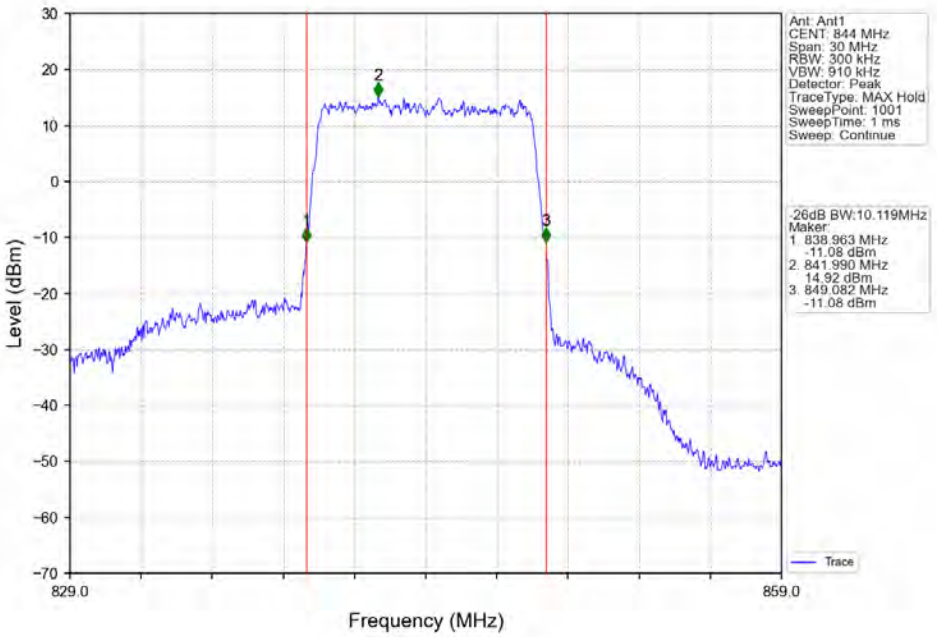
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

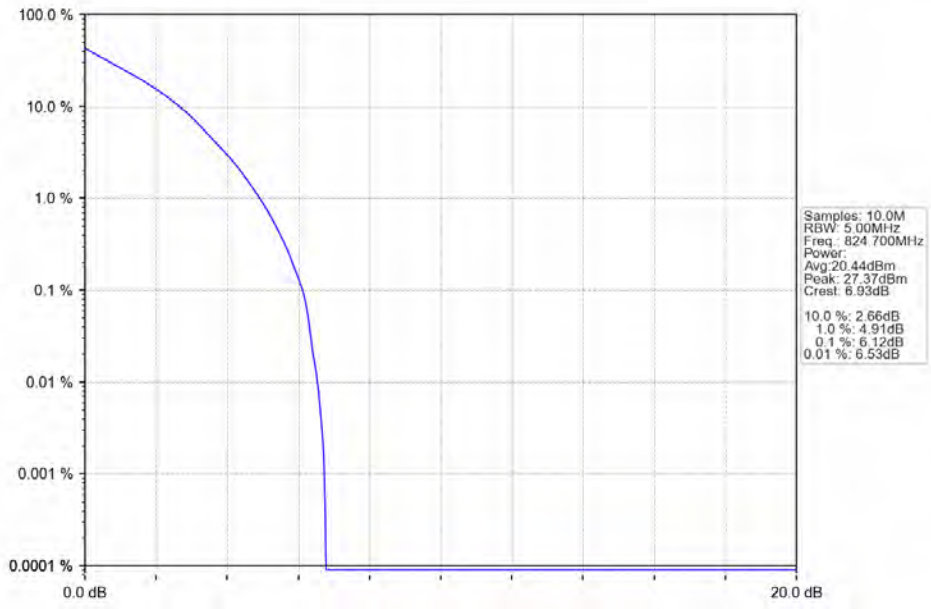
5.1 B5_1.4MHz

5.1.1 Test Result

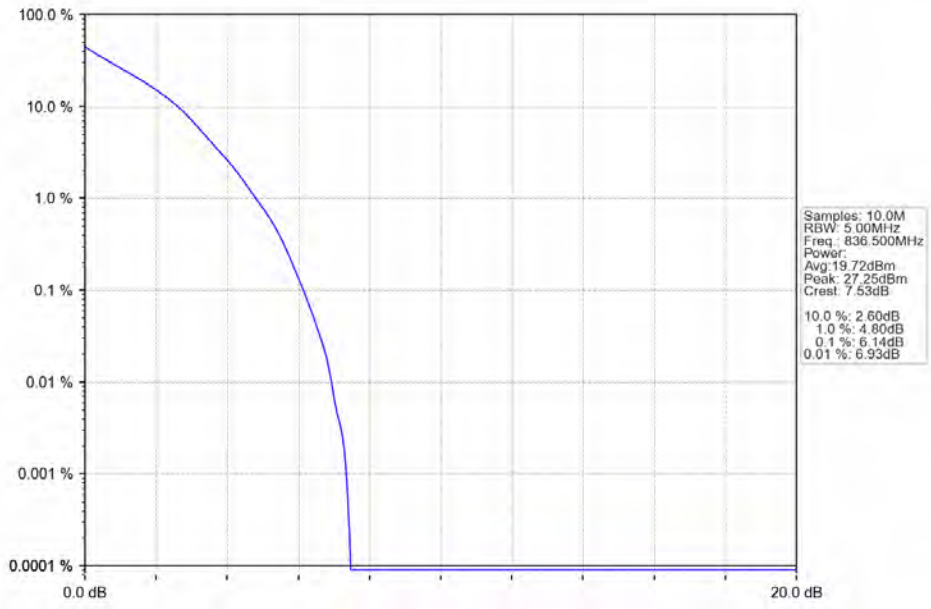
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	6.12	<=13	Pass
	836.5	6	0	6.14	<=13	Pass
	848.3	6	0	6.32	<=13	Pass
16QAM	824.7	6	0	6.85	<=13	Pass
	836.5	6	0	7.02	<=13	Pass
	848.3	6	0	7.00	<=13	Pass

5.1.2 Test Graph

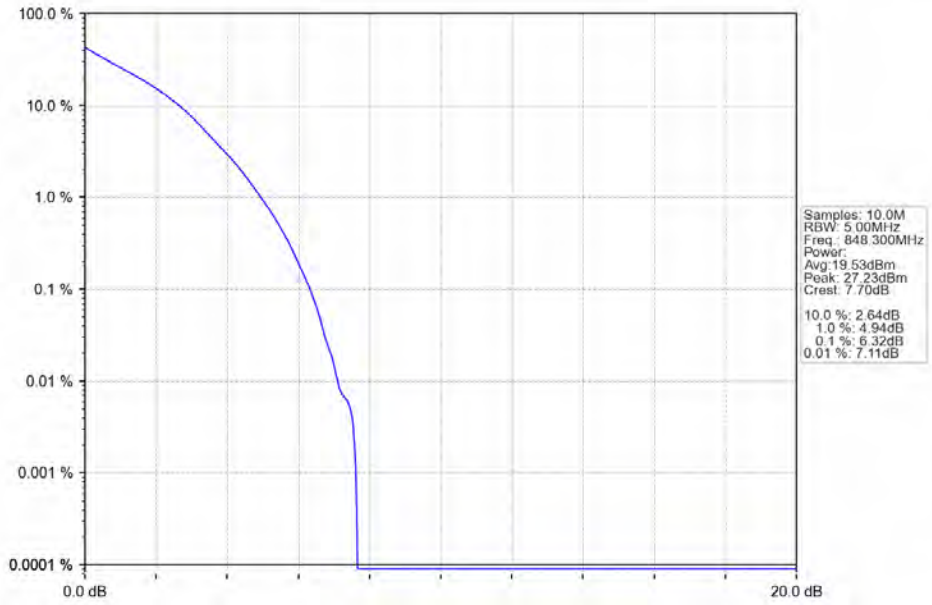
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



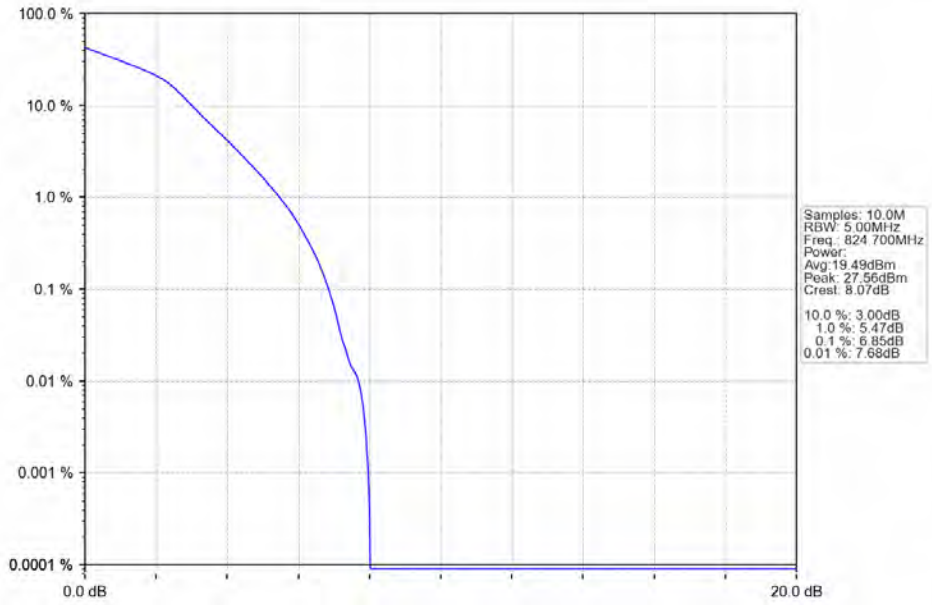
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



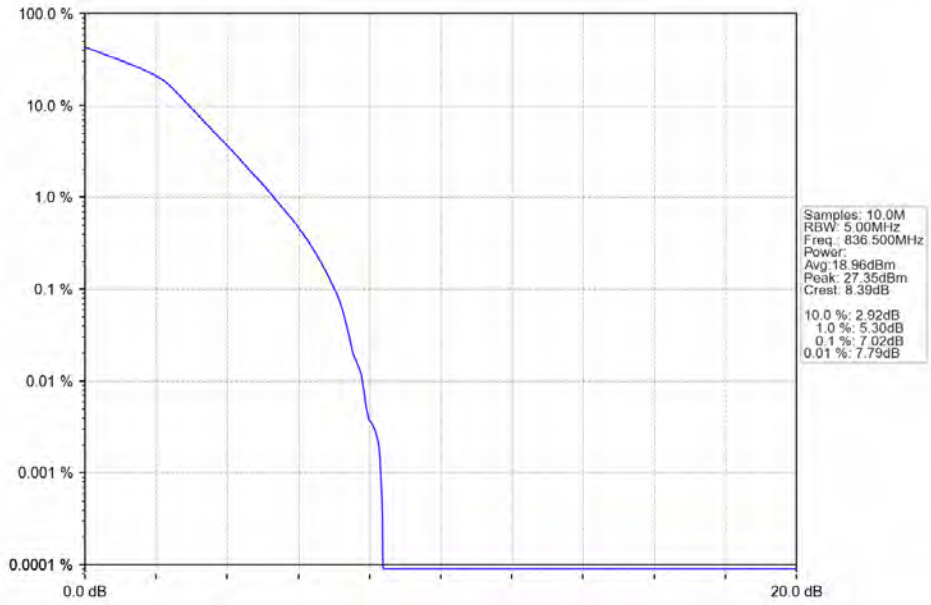
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



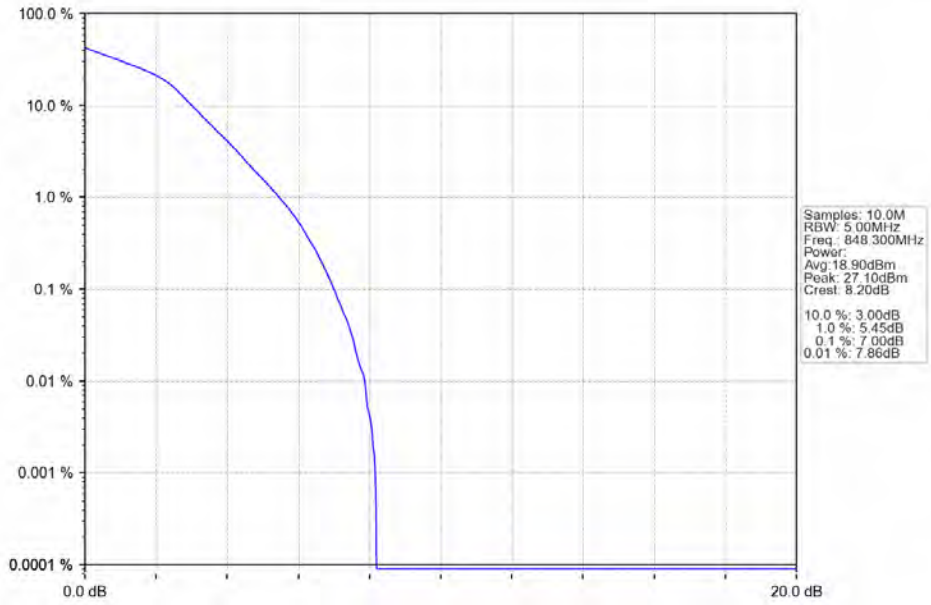
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



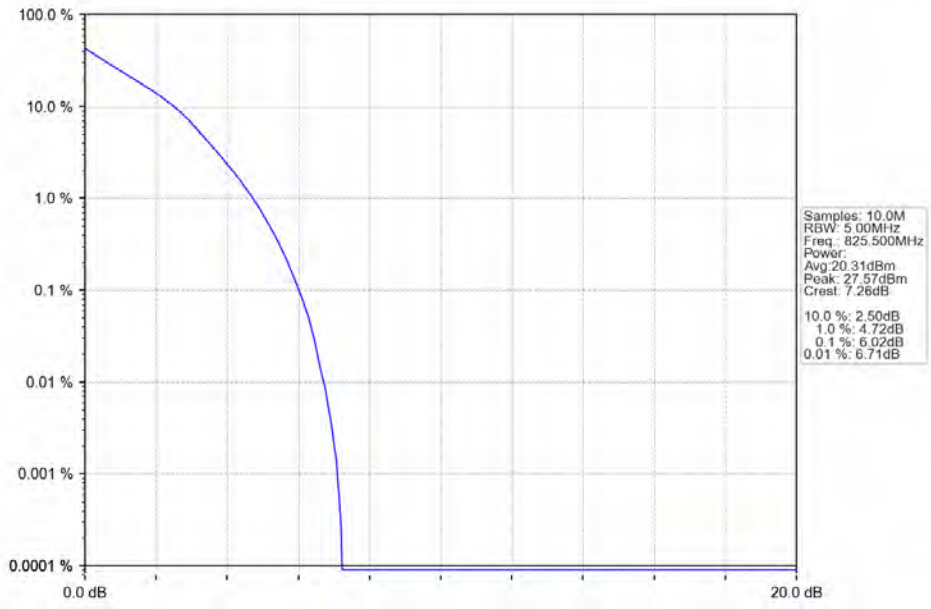
5.2 B5_3MHz

5.2.1 Test Result

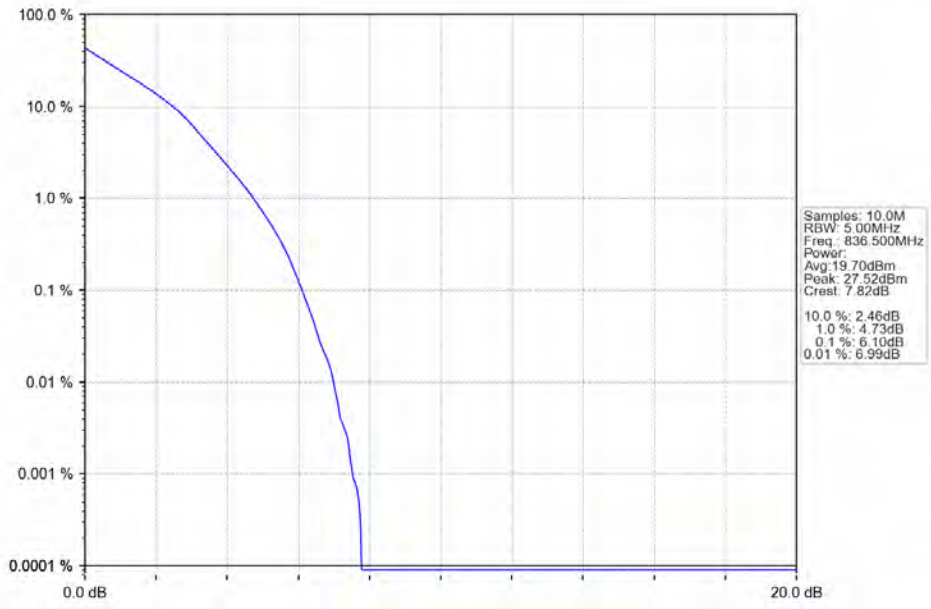
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	6.02	<=13	Pass
	836.5	15	0	6.10	<=13	Pass
	847.5	15	0	6.01	<=13	Pass
16QAM	825.5	15	0	5.99	<=13	Pass
	836.5	15	0	6.10	<=13	Pass
	847.5	15	0	6.02	<=13	Pass

5.2.2 Test Graph

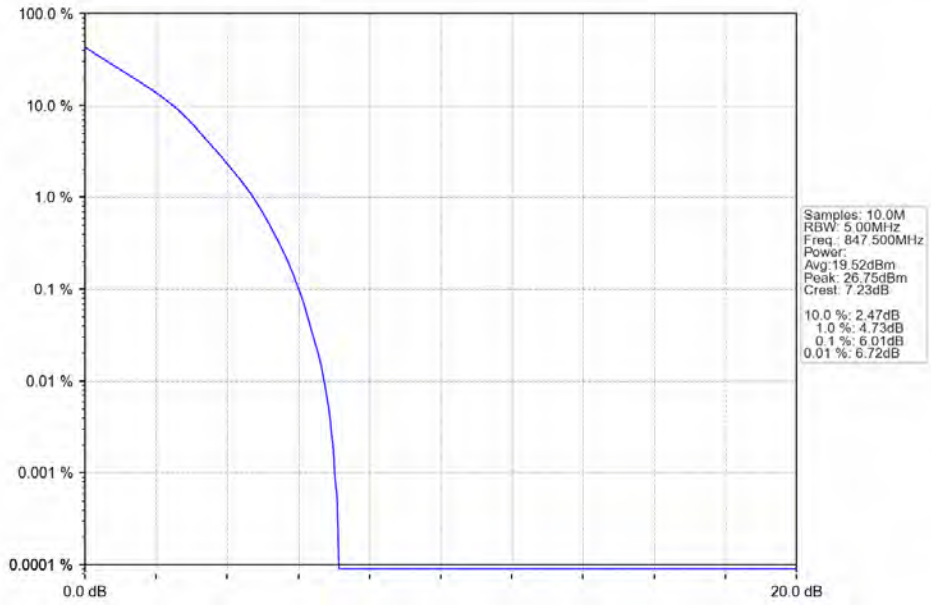
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



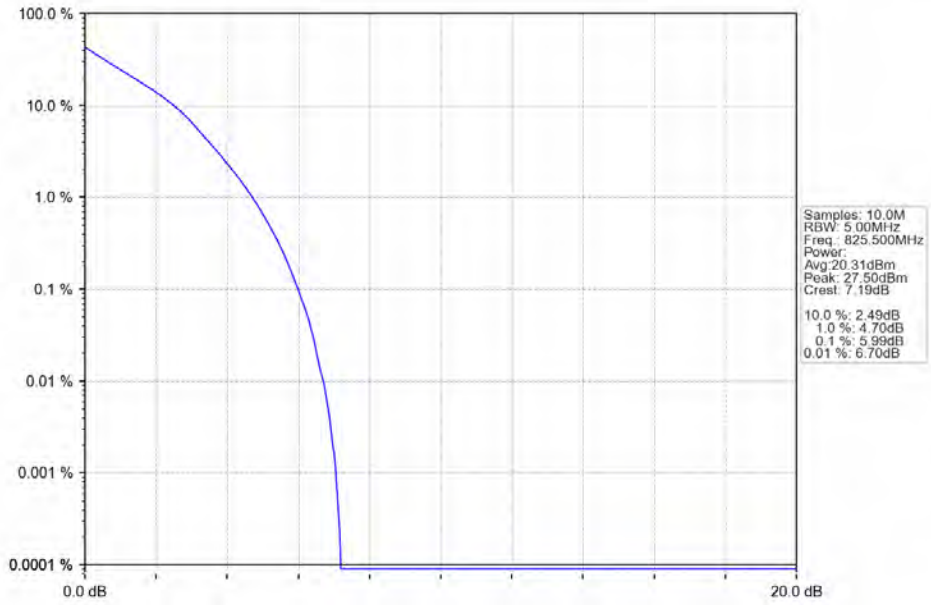
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



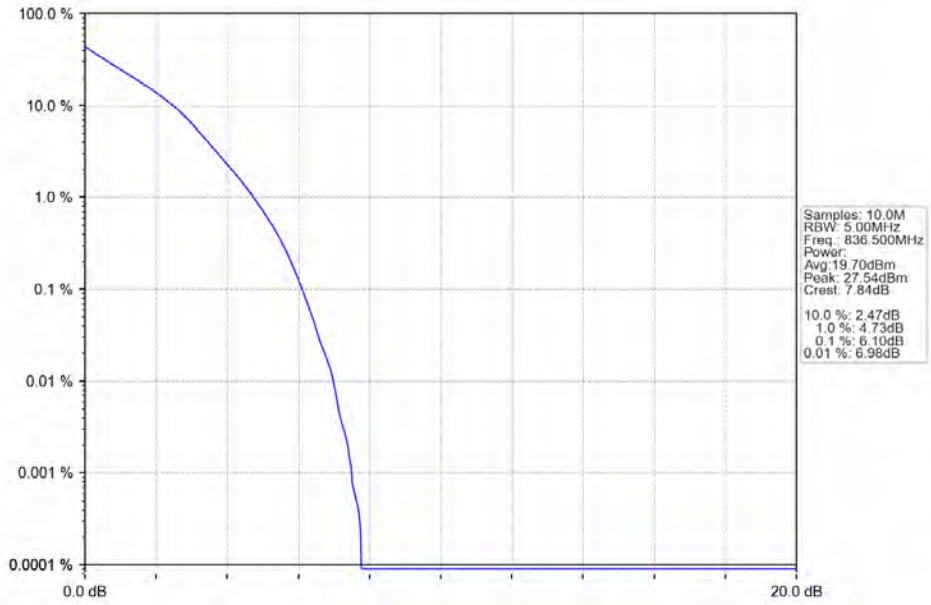
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



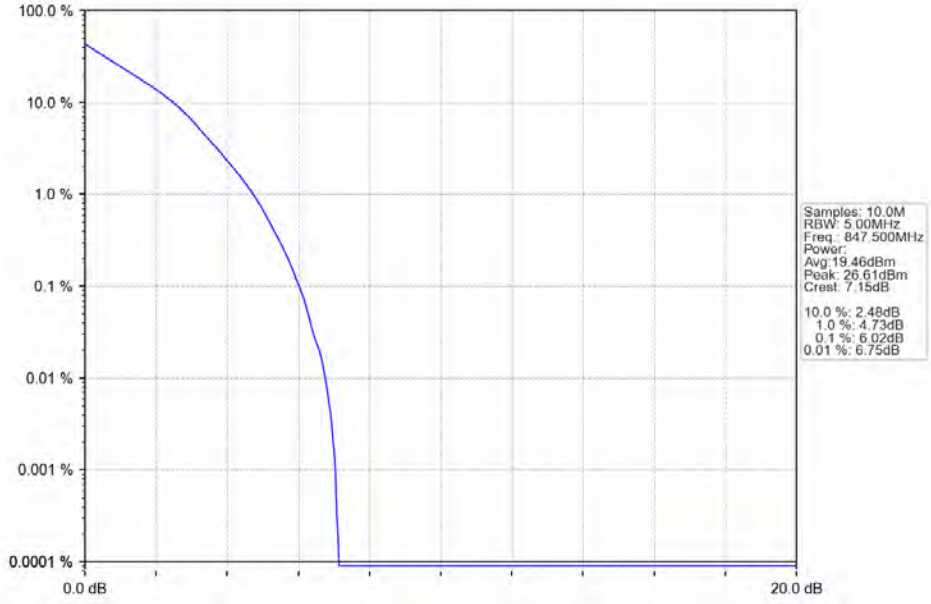
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



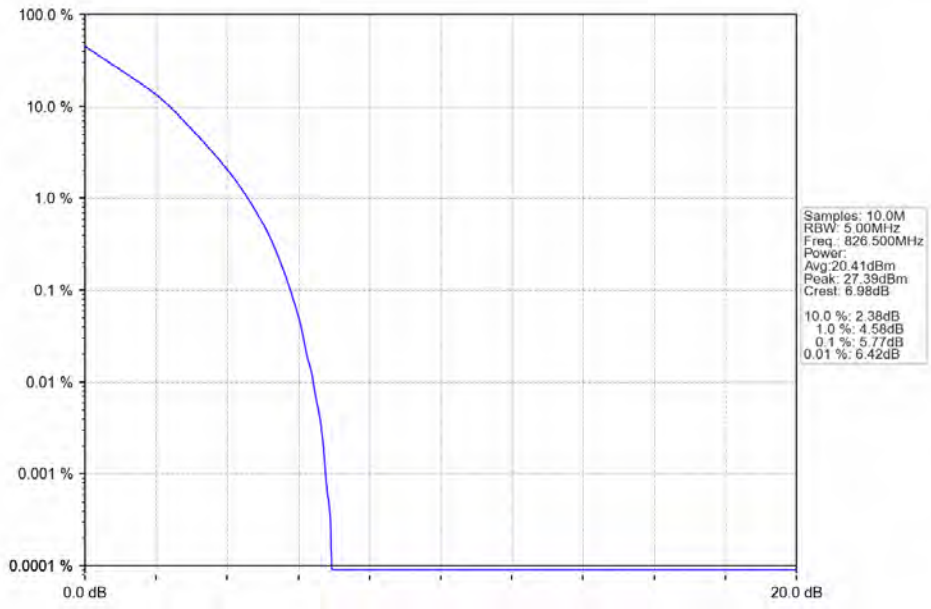
5.3 B5_5MHz

5.3.1 Test Result

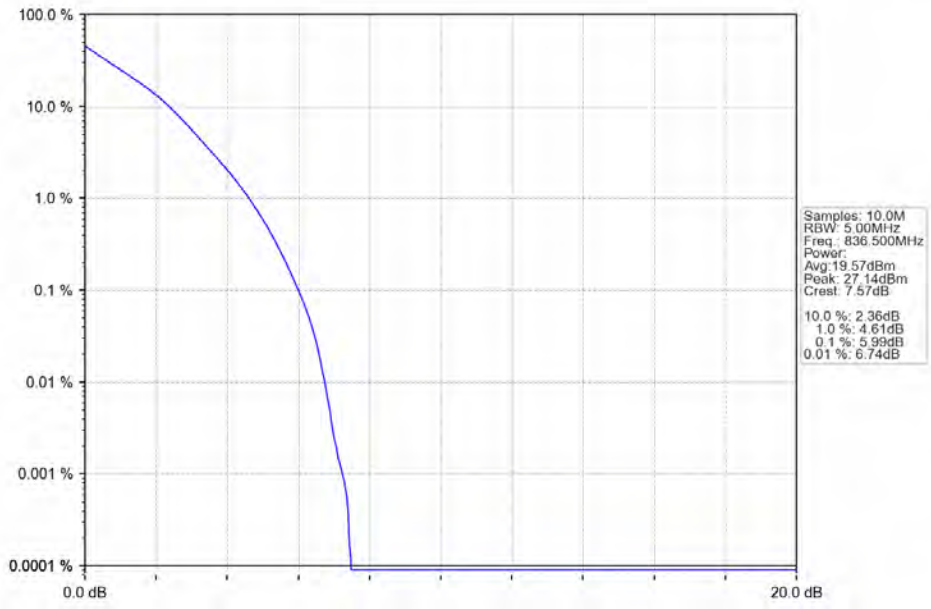
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.77	<=13	Pass
	836.5	25	0	5.99	<=13	Pass
	846.5	25	0	5.92	<=13	Pass
16QAM	826.5	25	0	6.49	<=13	Pass
	836.5	25	0	6.77	<=13	Pass
	846.5	25	0	6.57	<=13	Pass

5.3.2 Test Graph

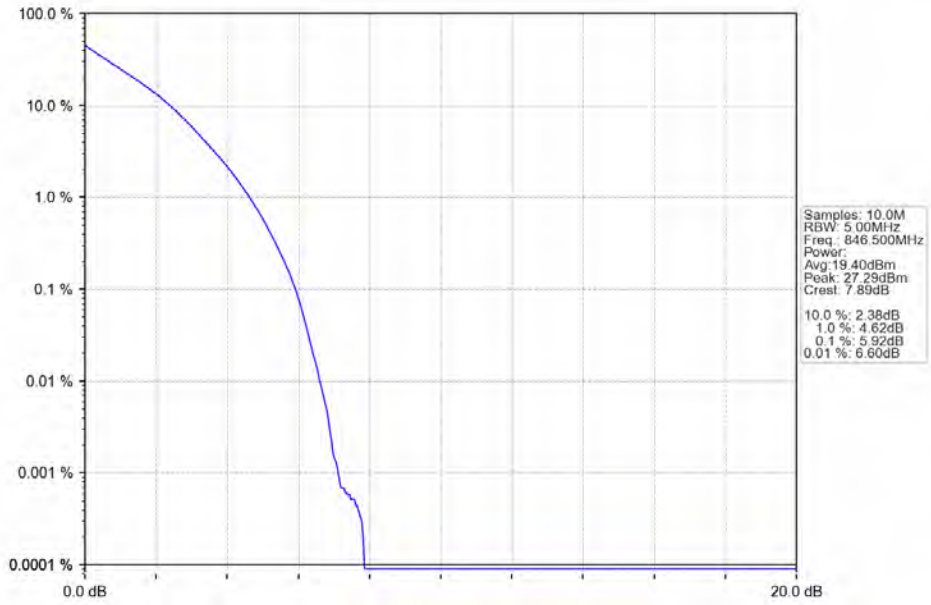
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



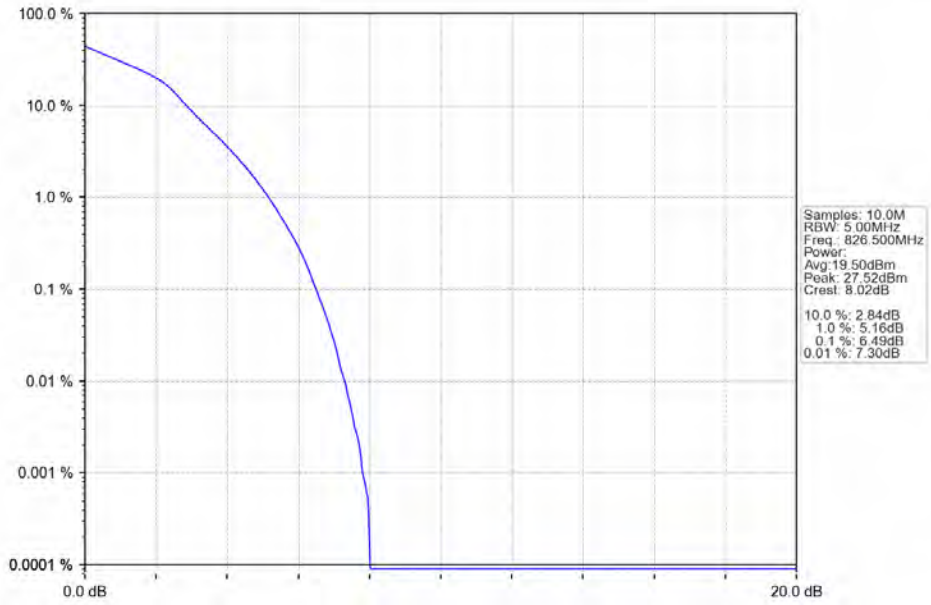
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



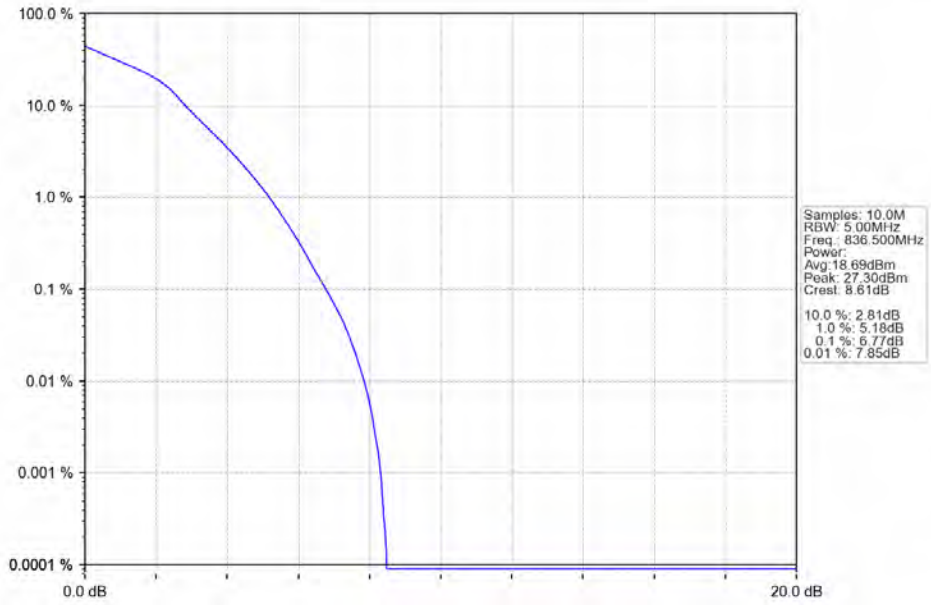
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



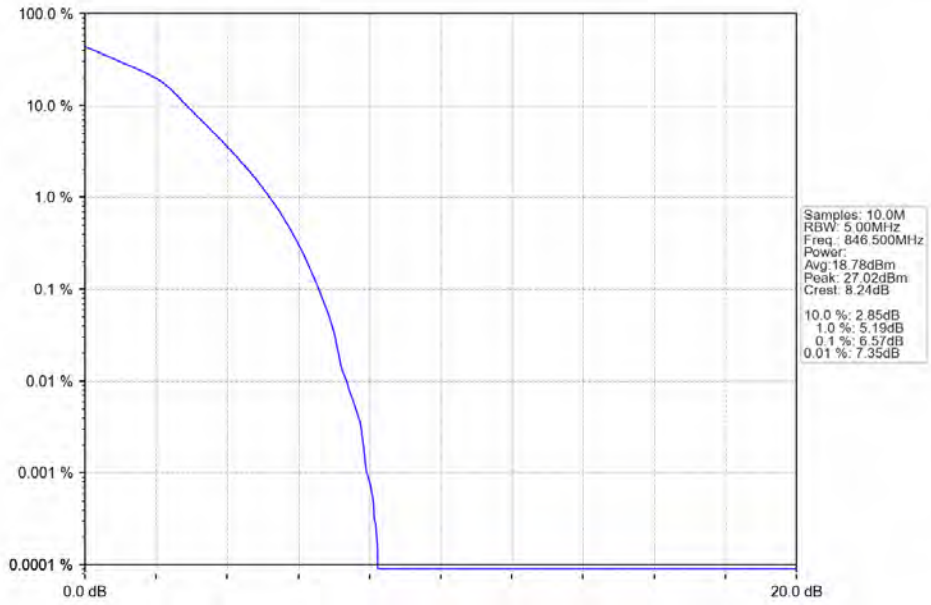
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



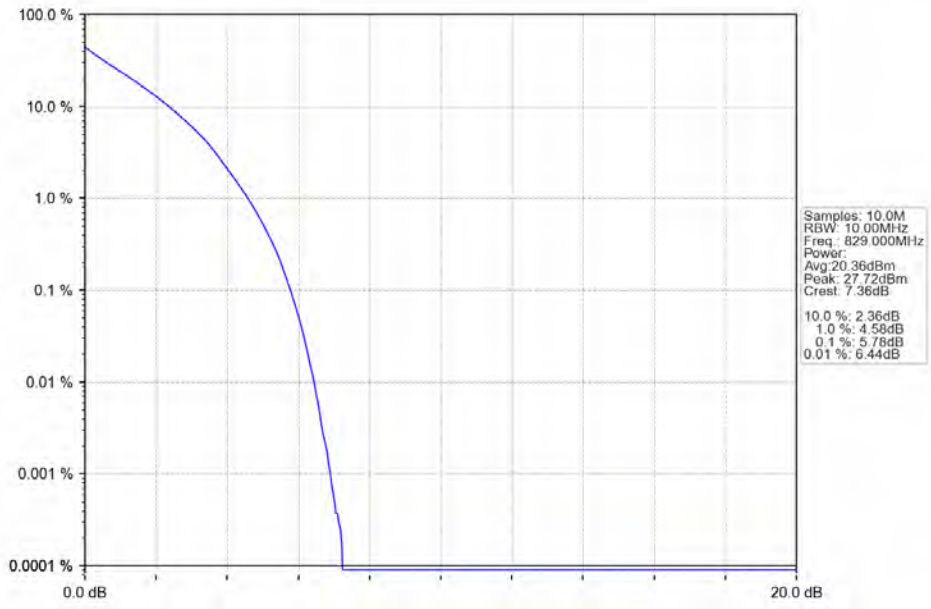
5.4 B5_10MHz

5.4.1 Test Result

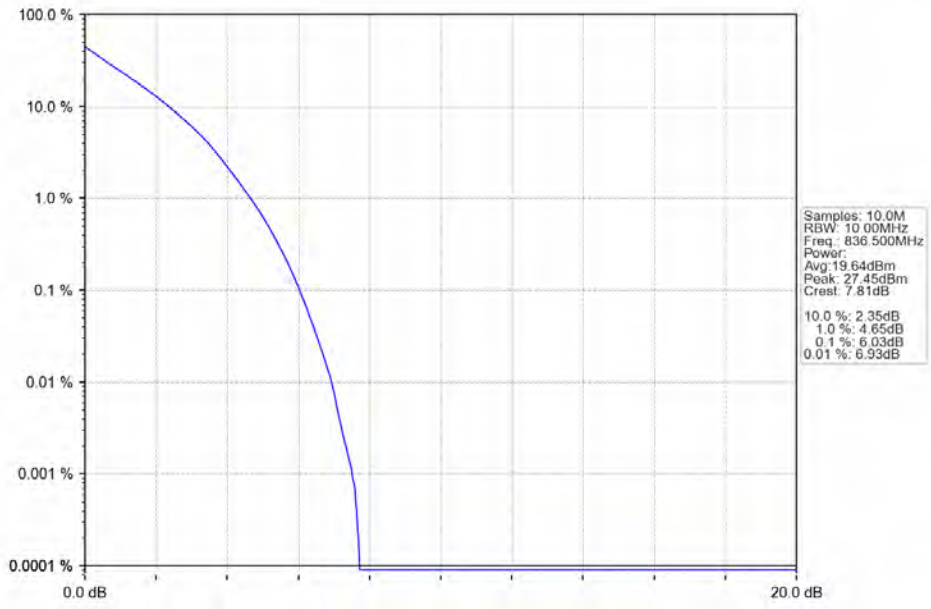
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.78	<=13	Pass
	836.5	50	0	6.03	<=13	Pass
	844	50	0	6.00	<=13	Pass
16QAM	829	50	0	6.53	<=13	Pass
	836.5	50	0	6.70	<=13	Pass
	844	50	0	6.69	<=13	Pass

5.4.2 Test Graph

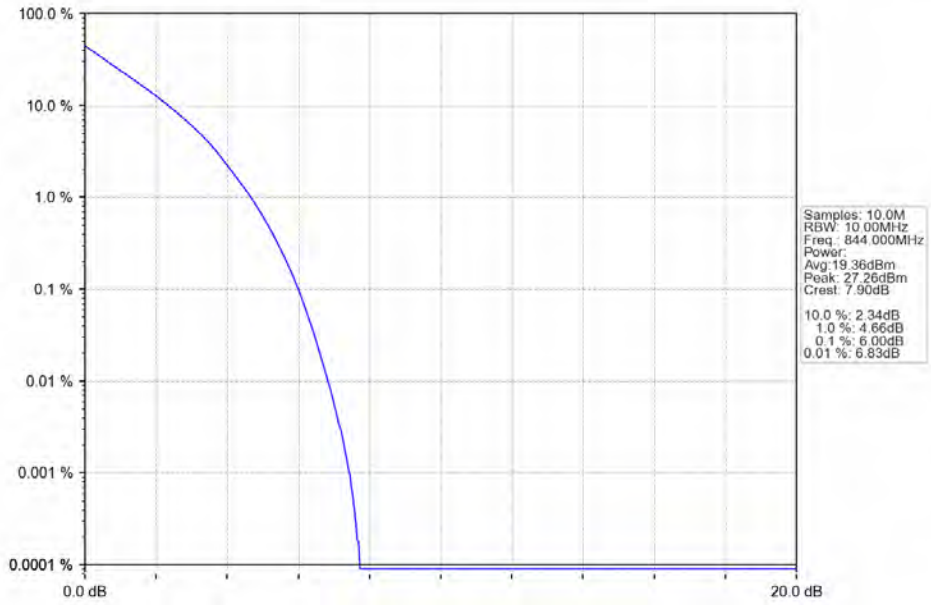
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



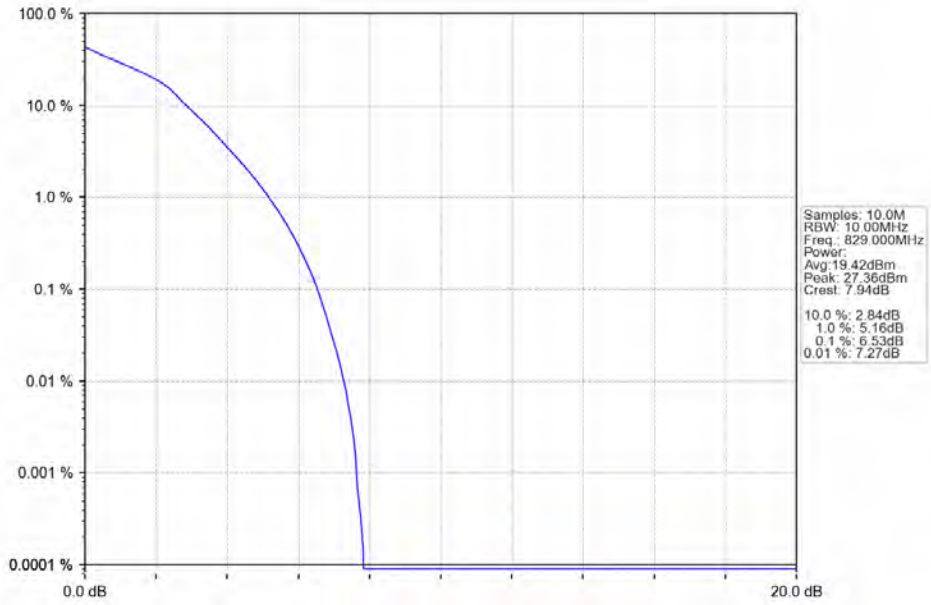
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



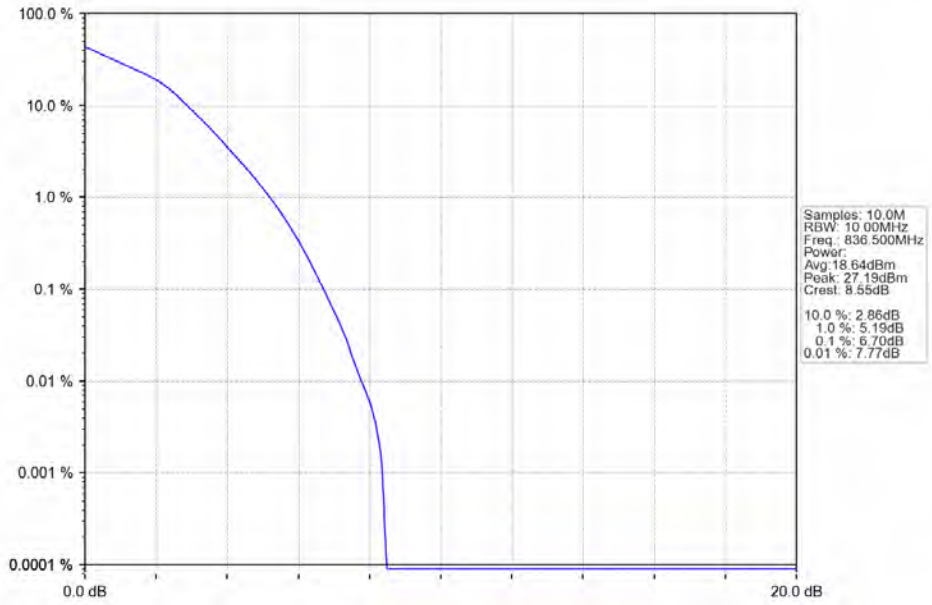
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



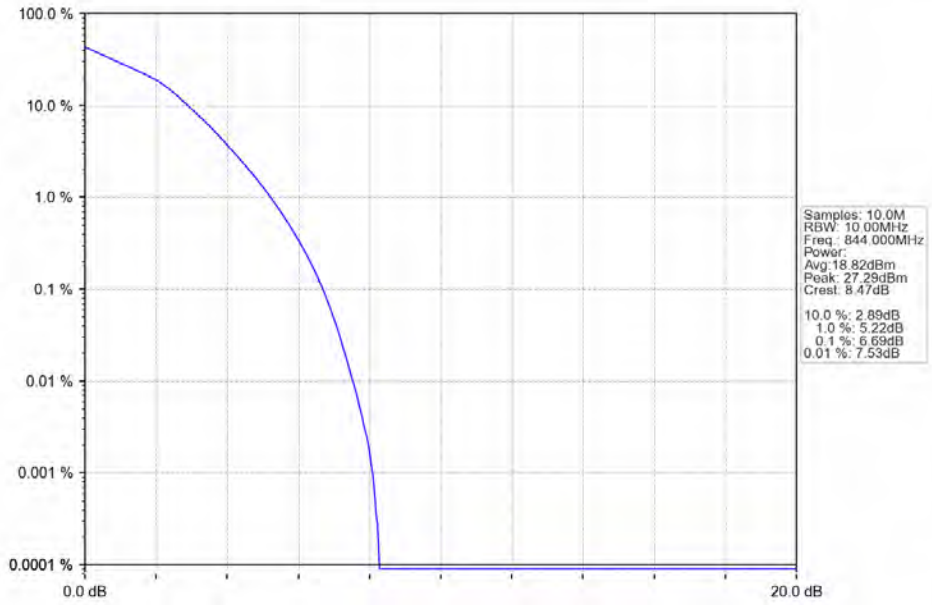
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

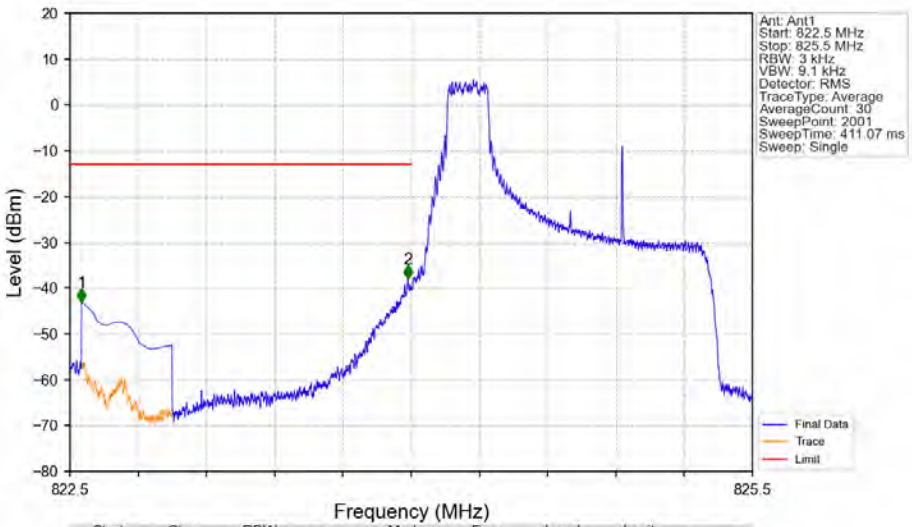
6.1 B5_1.4MHz

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

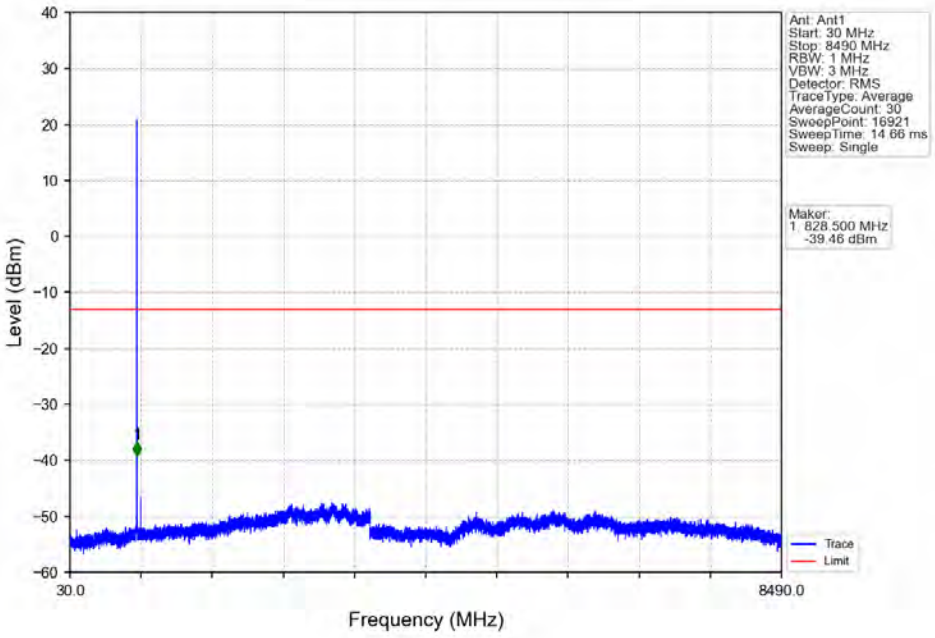
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

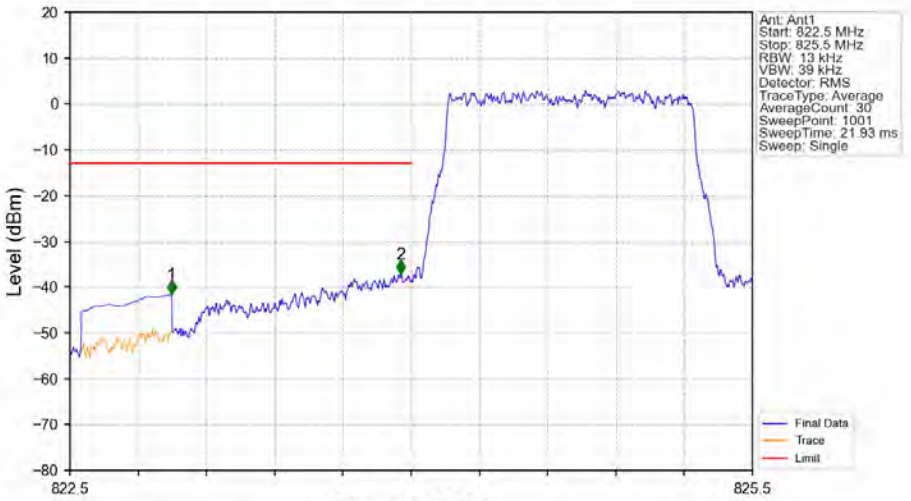


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-43.11	-13	Pass
823	824	0.003	/	2	823.985	-38.00	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

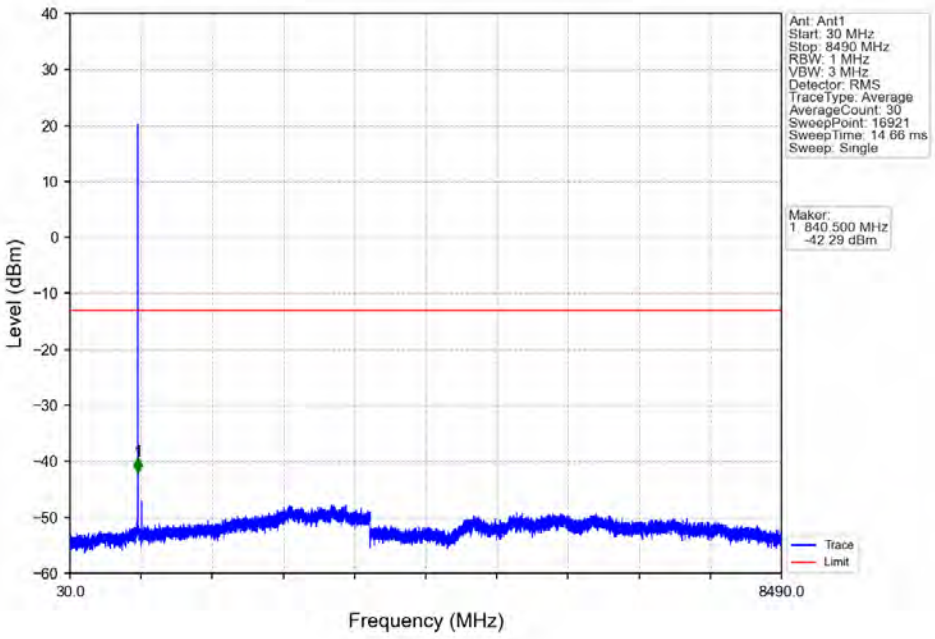


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

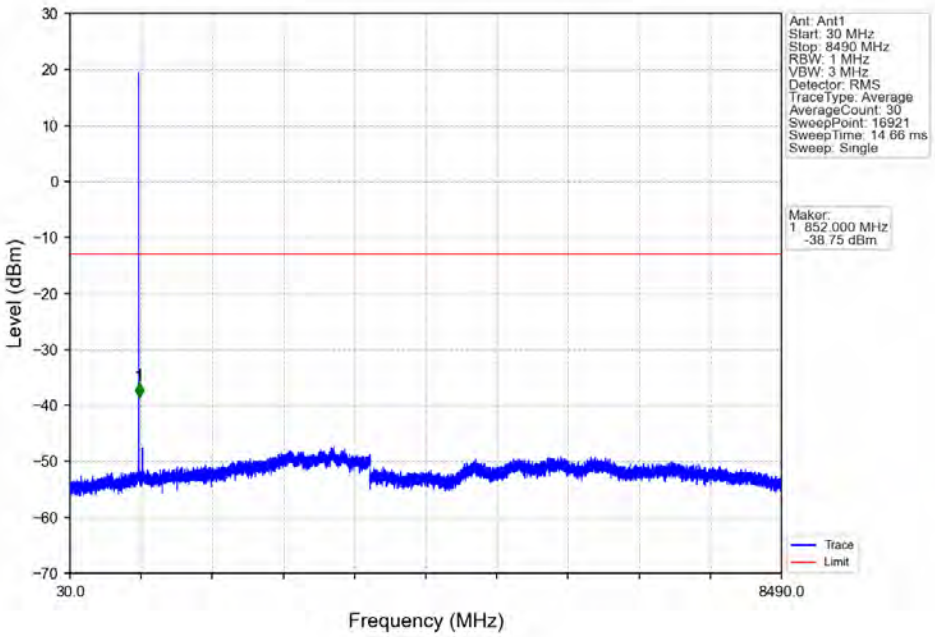


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-41.60	-13	Pass
823	824	0.013	/	2	823.955	-37.20	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

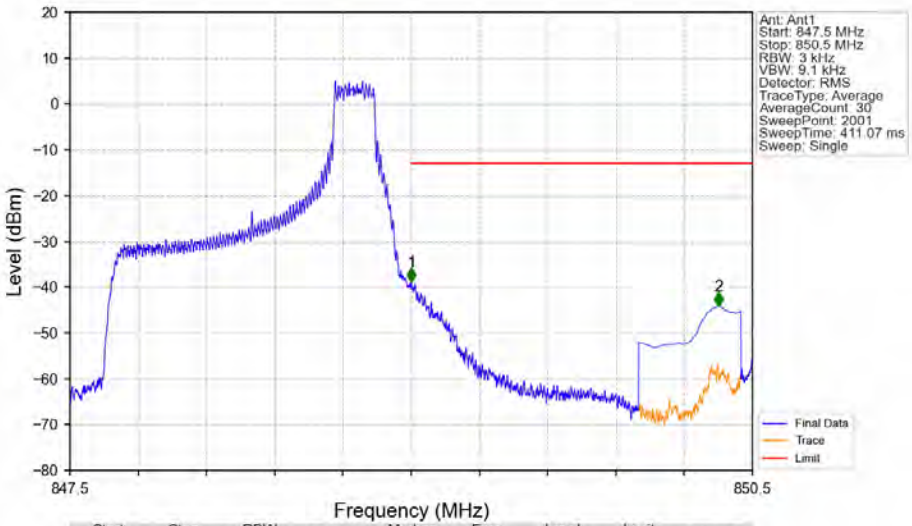
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

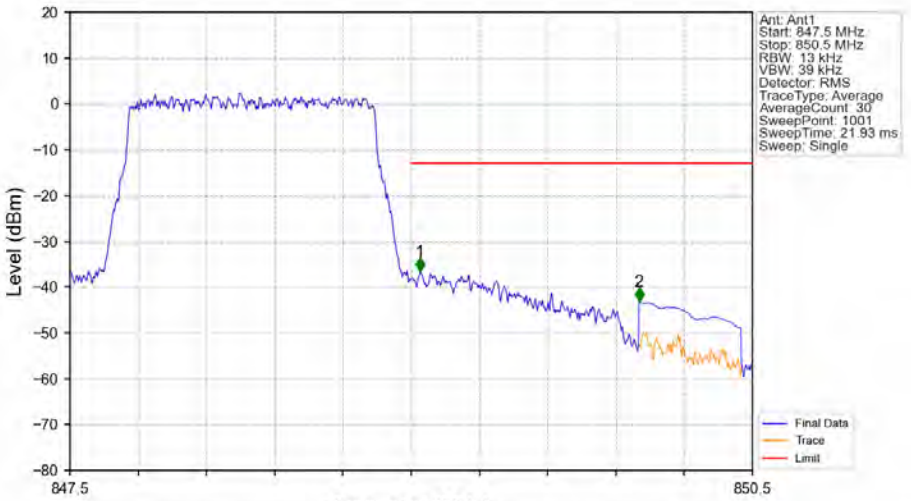


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



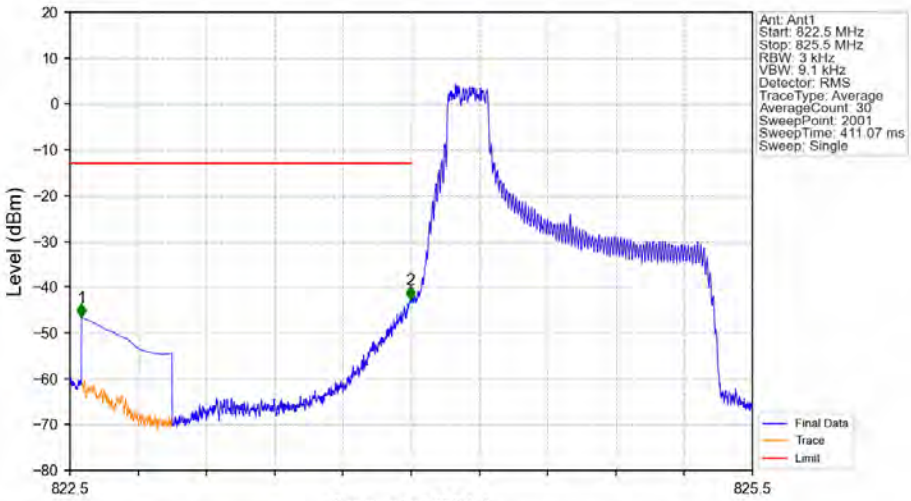
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-38.98	-13	Pass
850	850.5	0.1	CHP	2	850.350	-44.27	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



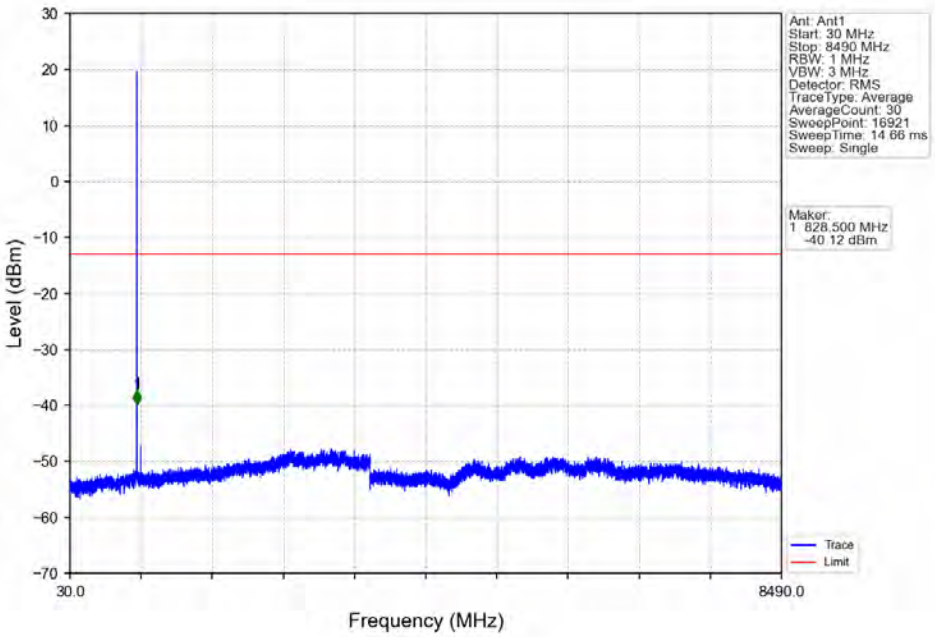
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.039	-36.62	-13	Pass
850	850.5	0.1	CHP	2	850.002	-43.10	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

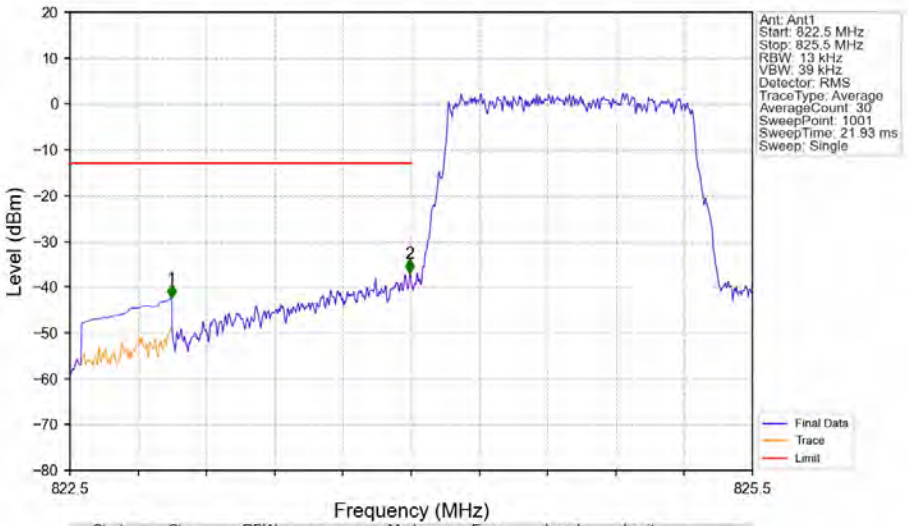


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-46.66	-13	Pass
823	824	0.003	/	2	823.997	-42.79	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

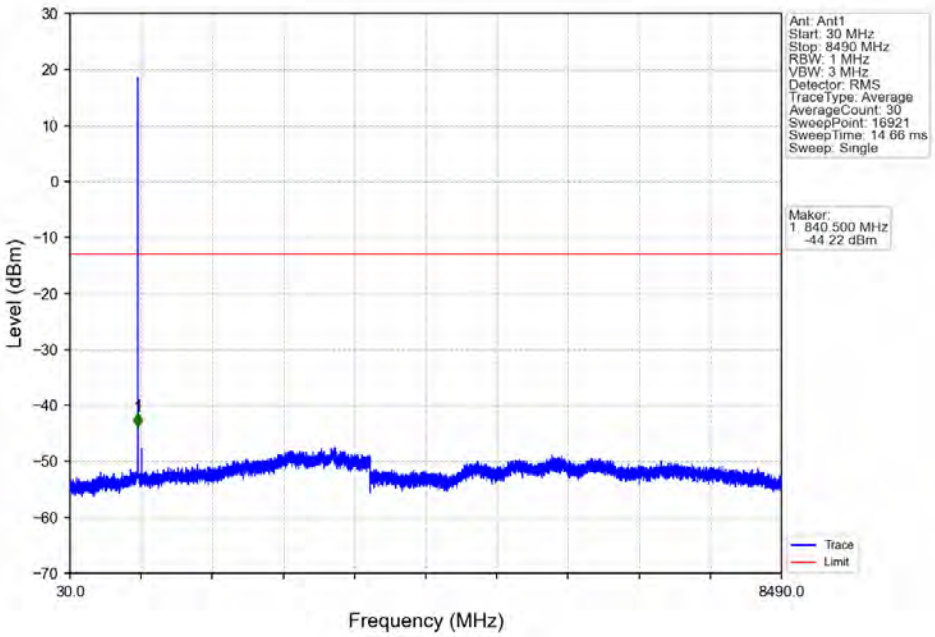


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

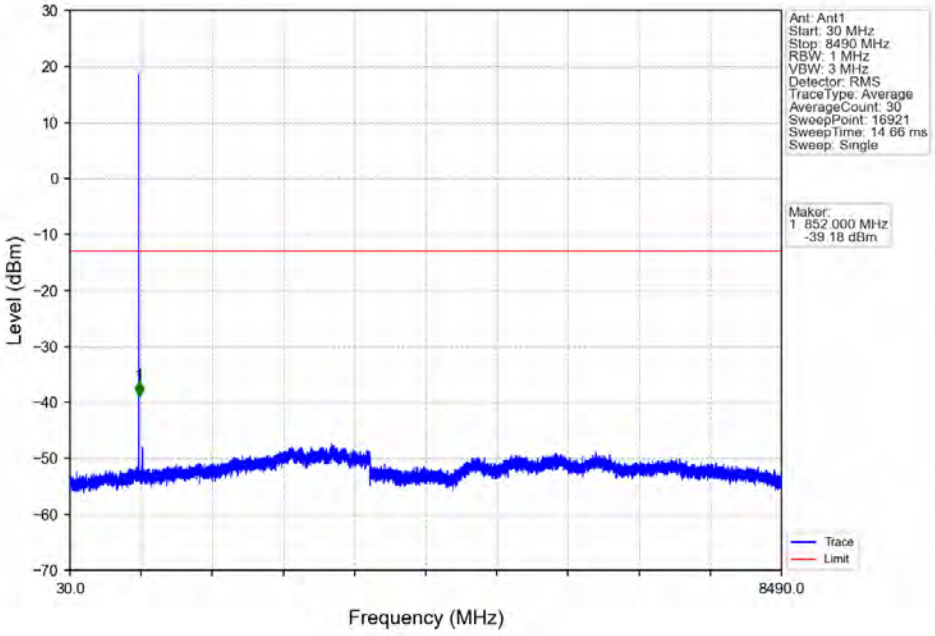


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-42.48	-13	Pass
823	824	0.013	/	2	823.994	-37.05	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

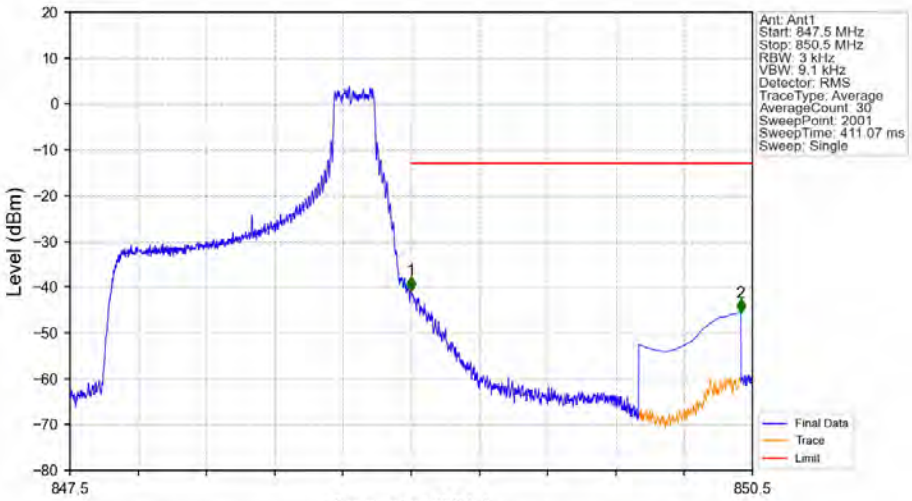
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

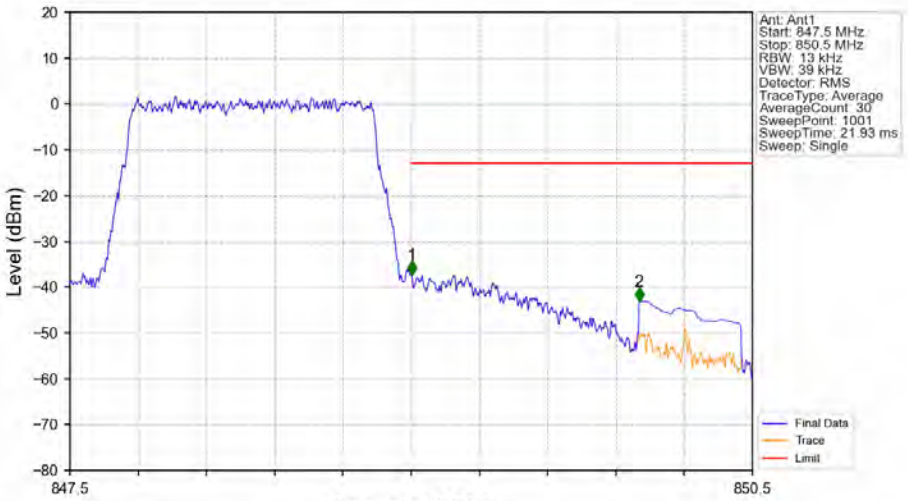


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



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	849.000	-40.79	-13	Pass
850	850.5	0.1	CHP	2	850.449	-45.62	-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	849.003	-37.28	-13	Pass
850	850.5	0.1	CHP	2	850.002	-43.13	-13	Pass

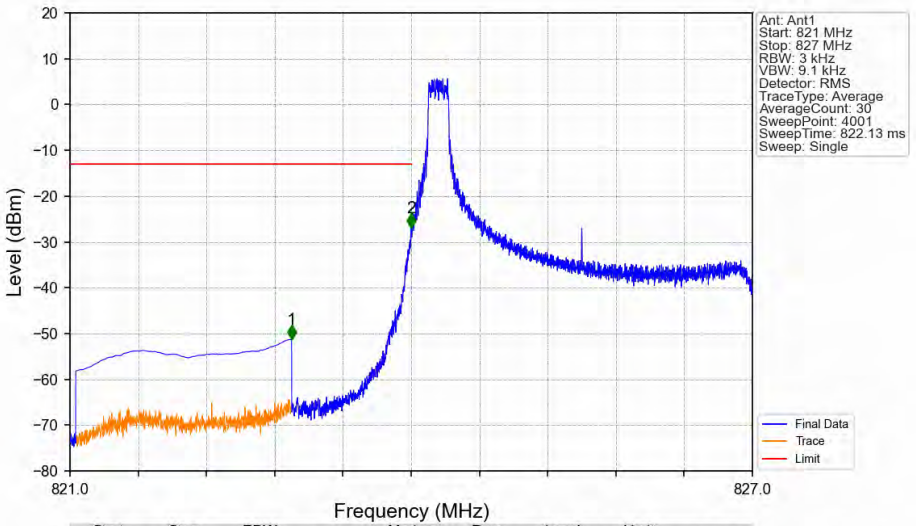
6.2 B5_3MHz

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

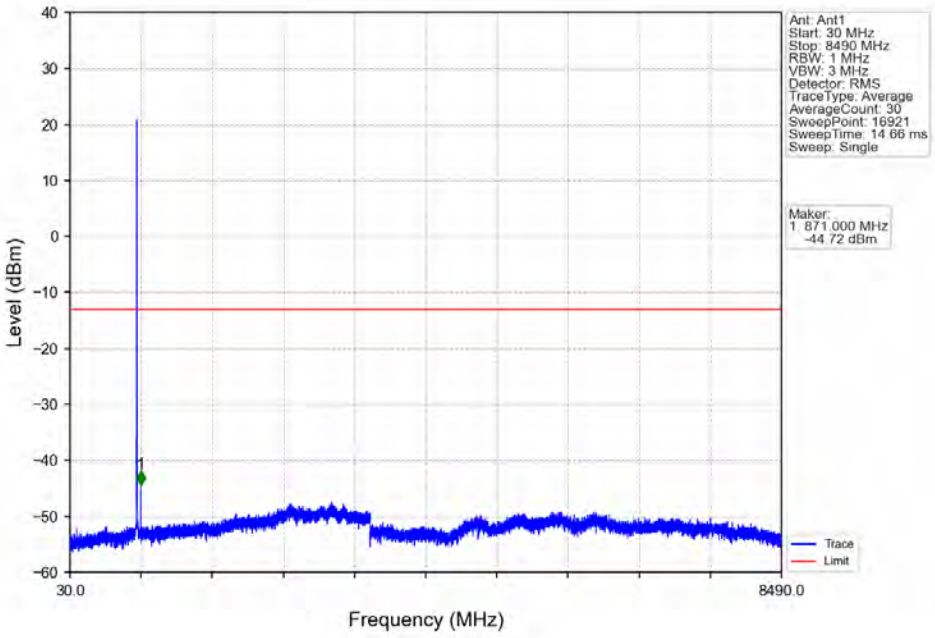
6.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

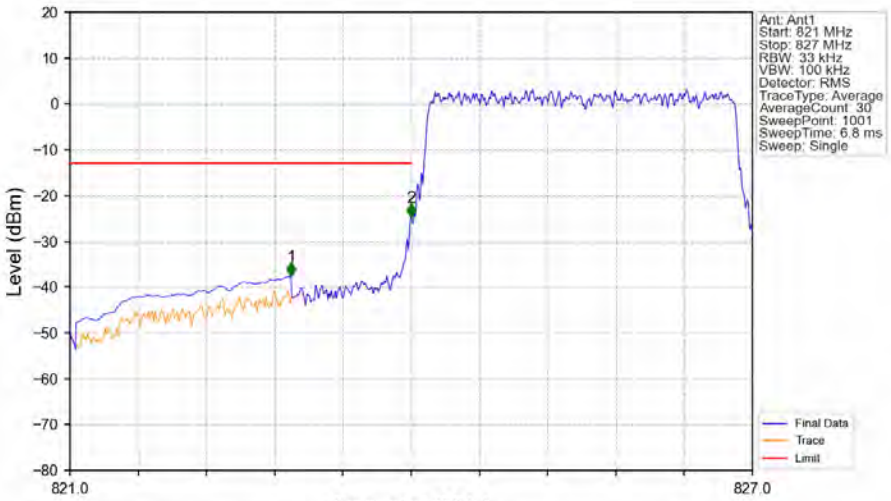


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-51.23	-13	Pass
823	824	0.003	/	2	823.999	-26.88	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

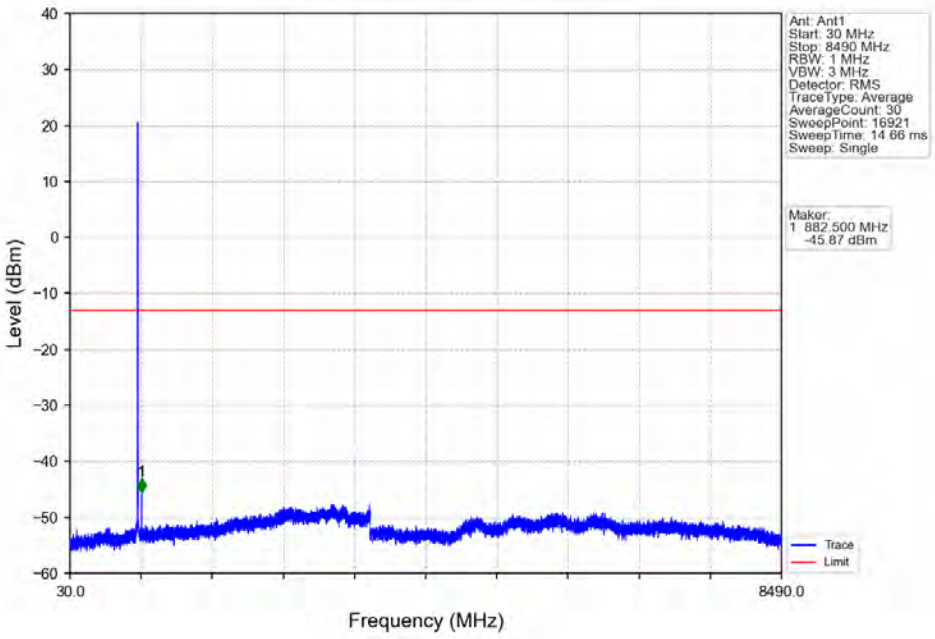


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

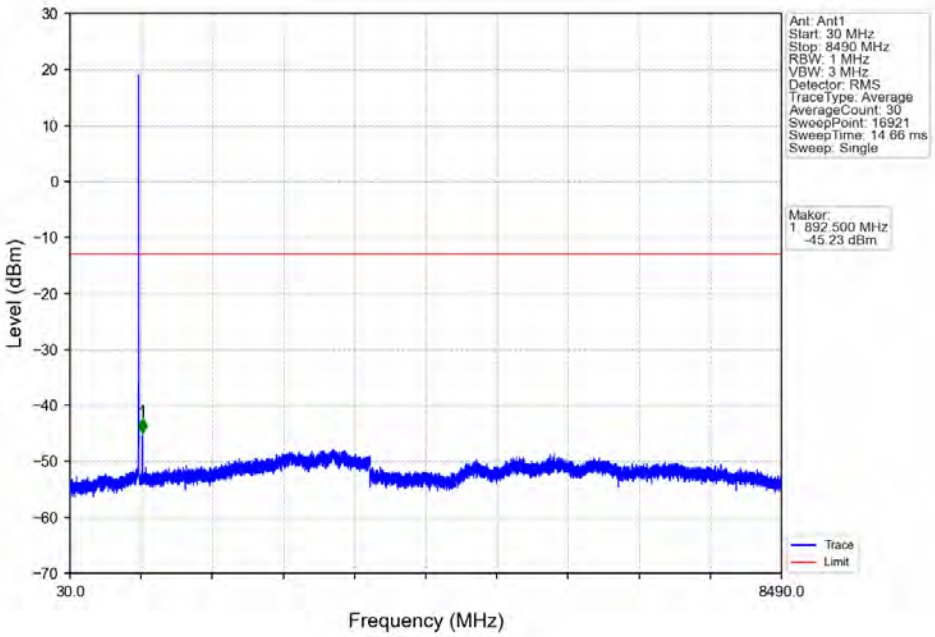


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-37.71	-13	Pass
823	824	0.033	/	2	824.000	-24.78	-13	Pass
824	827	0.033	/	/	/	/	/	/

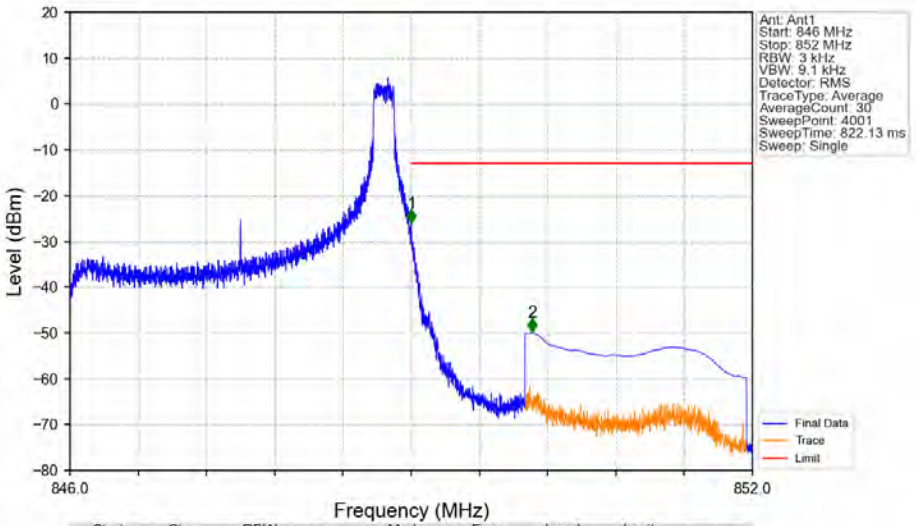
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

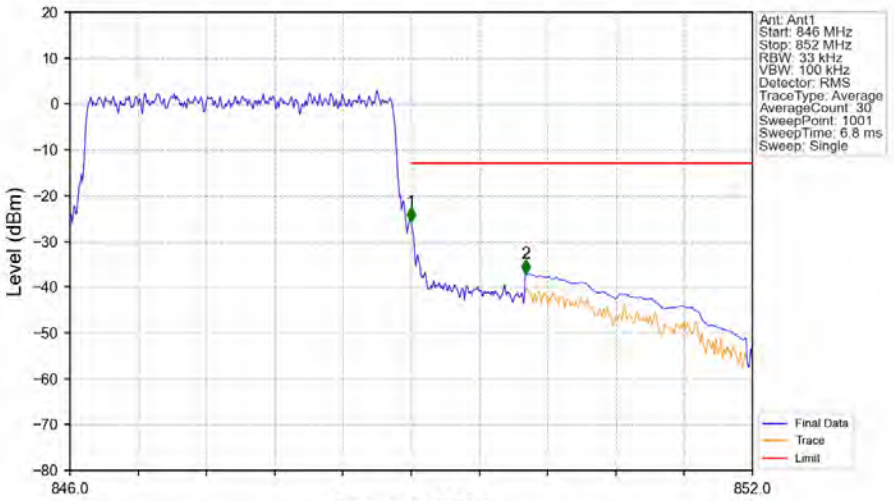


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



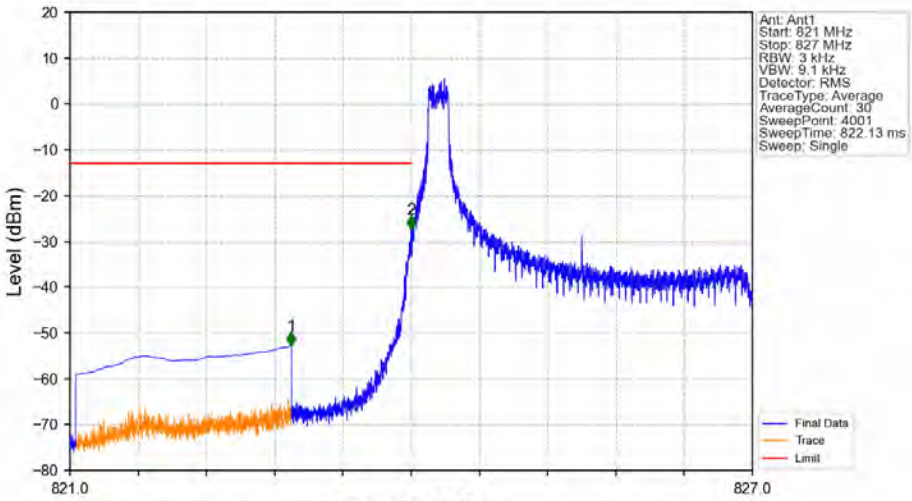
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-26.10	-13	Pass
850	852	0.1	CHP	2	850.063	-49.92	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



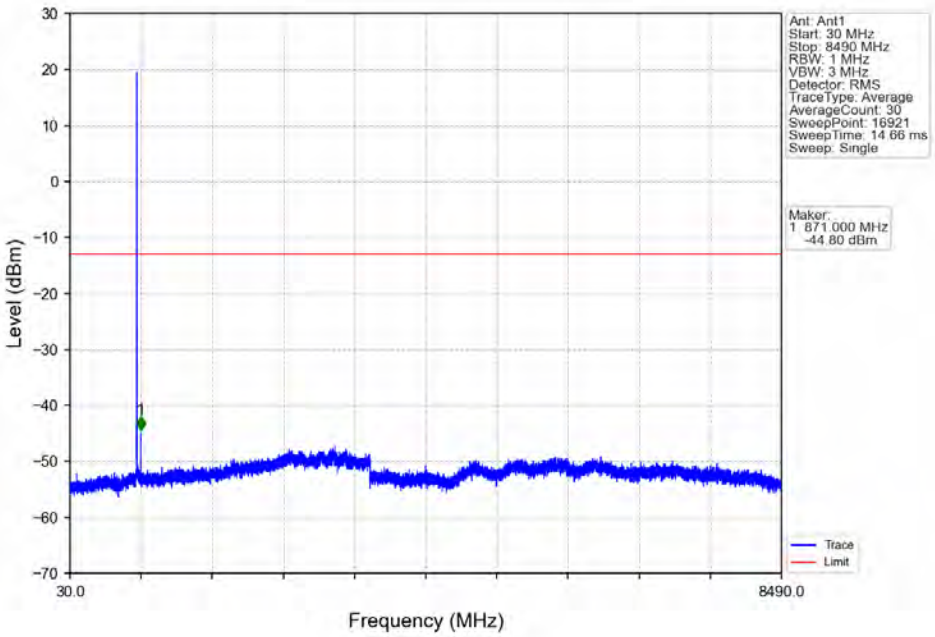
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-25.65	-13	Pass
850	852	0.1	CHP	2	850.008	-37.06	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

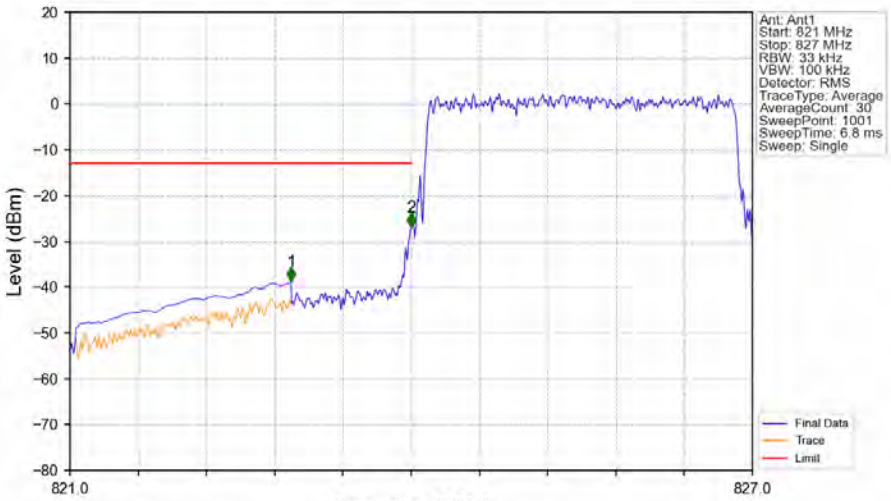


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-52.82	-13	Pass
823	824	0.003	/	2	824.000	-27.52	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

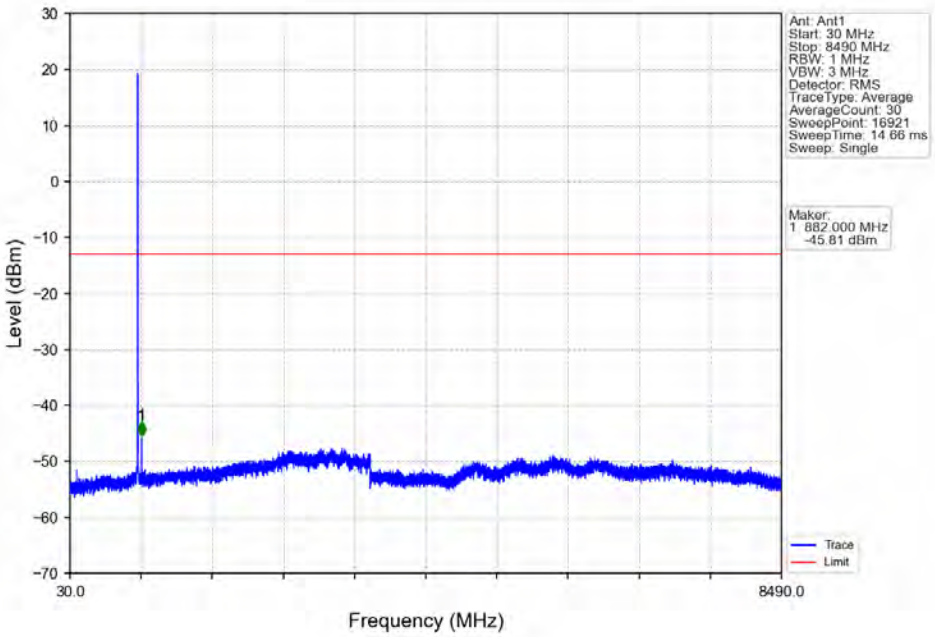


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

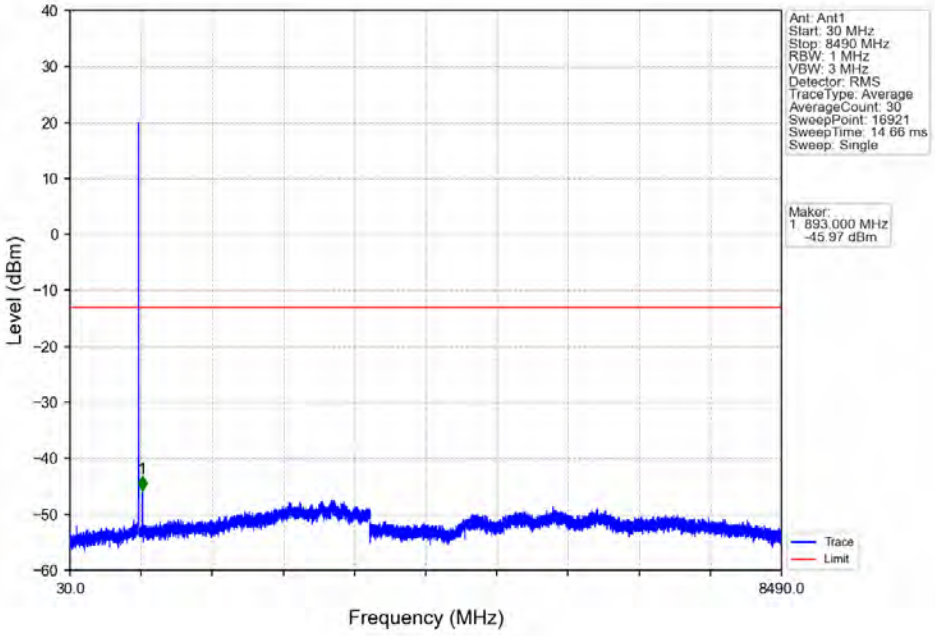


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-38.80	-13	Pass
823	824	0.033	/	2	824.000	-26.92	-13	Pass
824	827	0.033	/	/	/	/	/	/

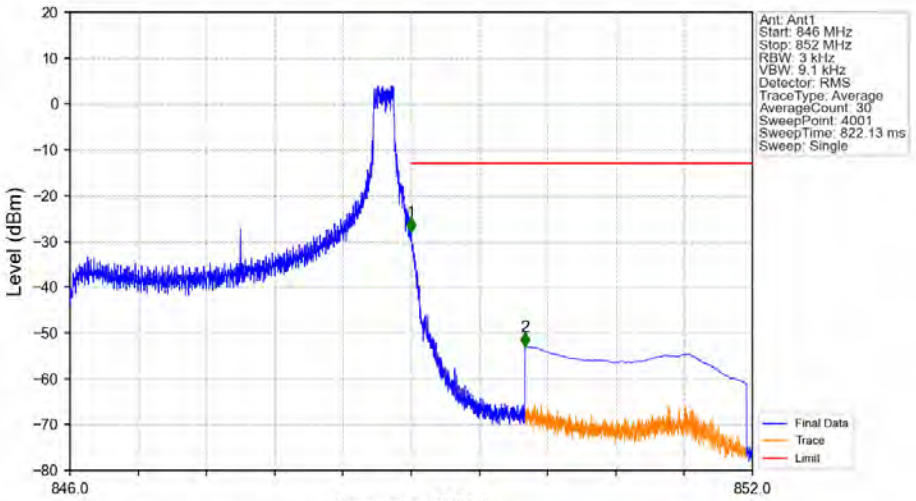
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

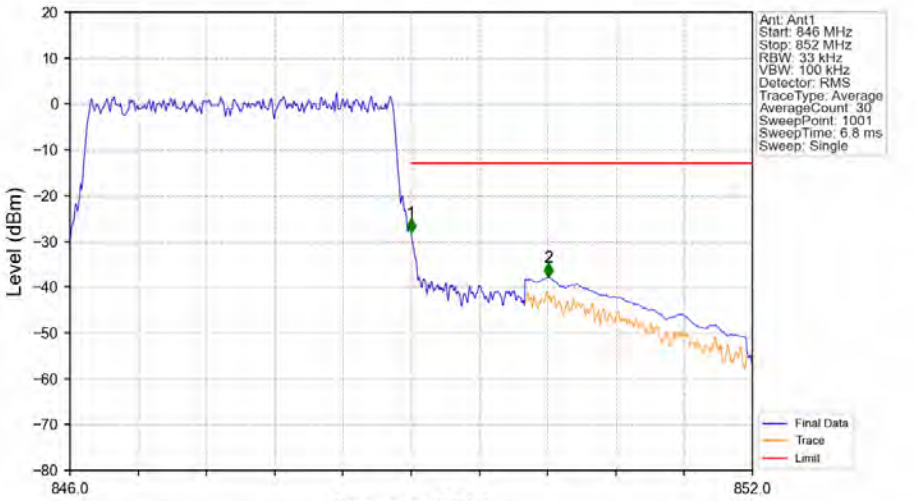


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



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	-28.01	-13	Pass
850	852	0.1	CHP	2	850.000	-52.98	-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	-28.18	-13	Pass
850	852	0.1	CHP	2	850.206	-37.90	-13	Pass

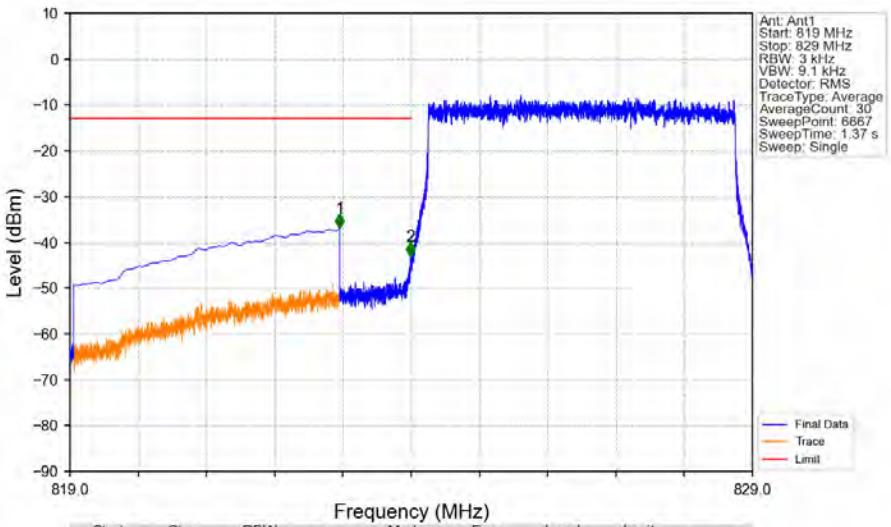
6.3 B5_5MHz

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

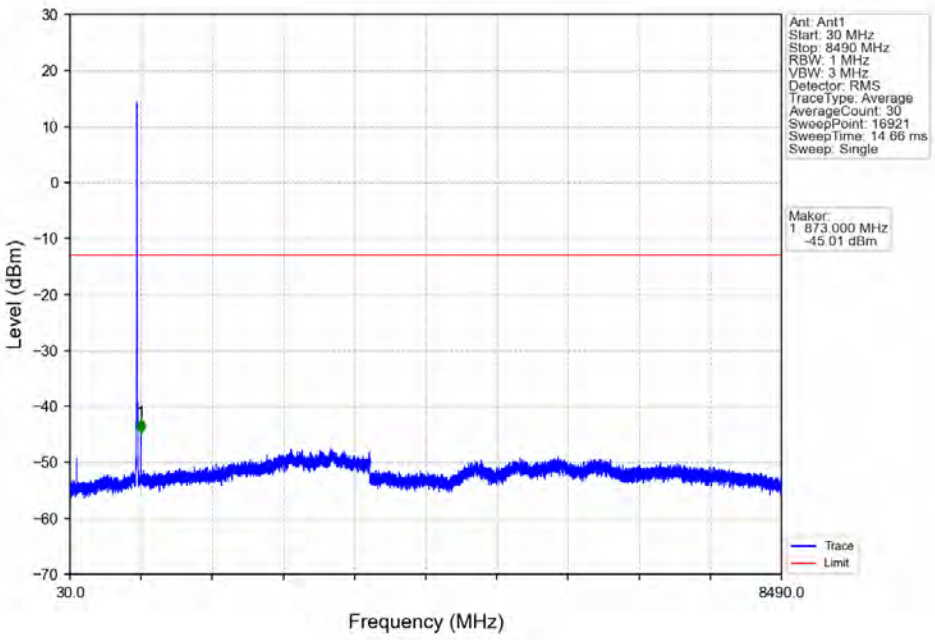
6.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

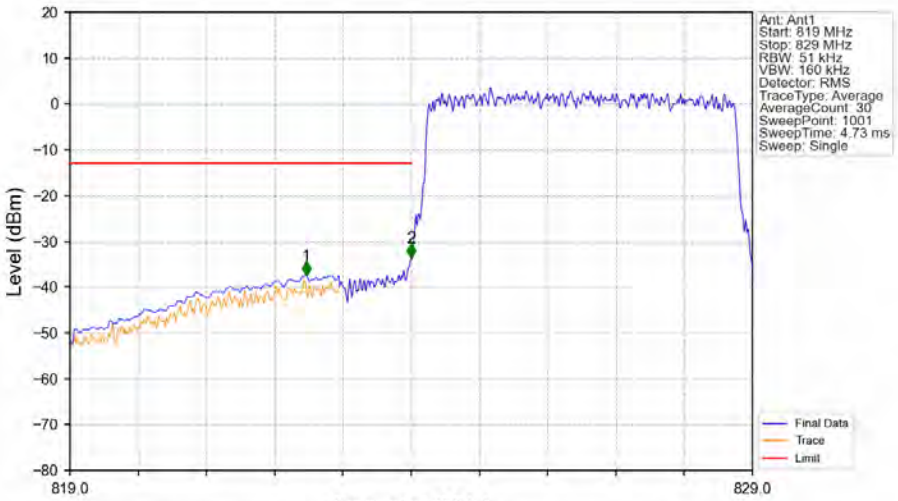


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-36.98	-13	Pass
823	824	0.003	/	2	823.991	-43.17	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

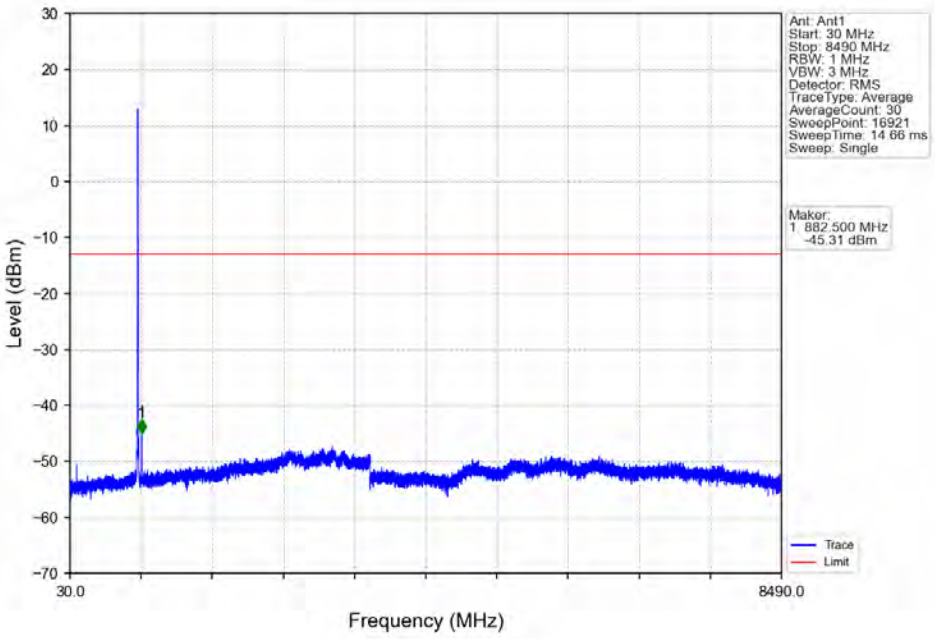


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

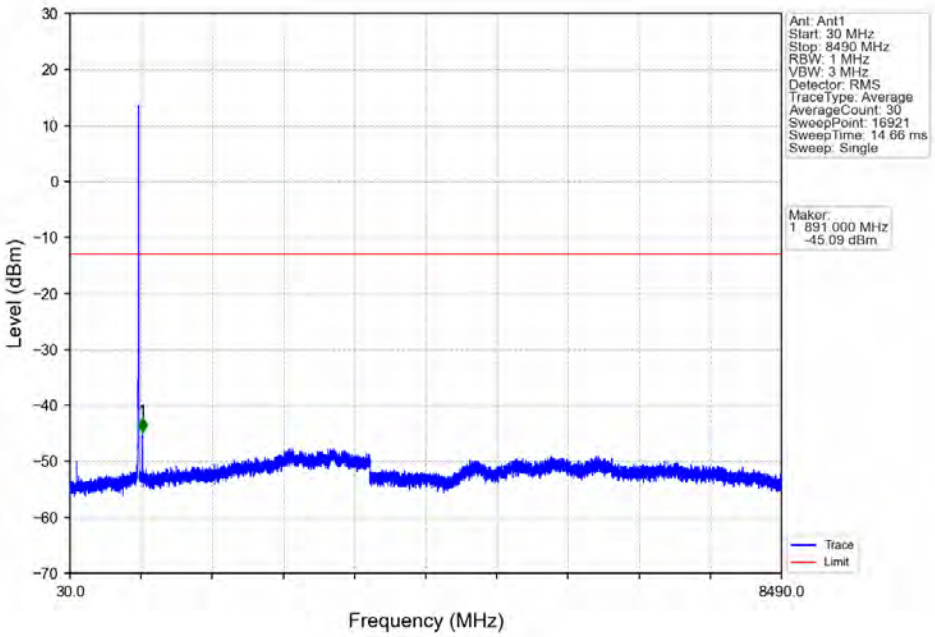


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.460	-37.44	-13	Pass
823	824	0.051	/	2	824.000	-33.56	-13	Pass
824	829	0.051	/	/	/	/	/	/

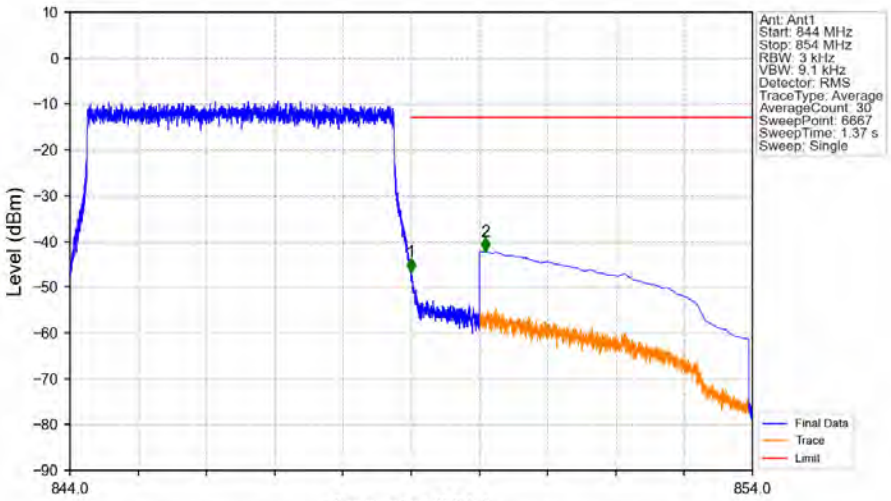
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

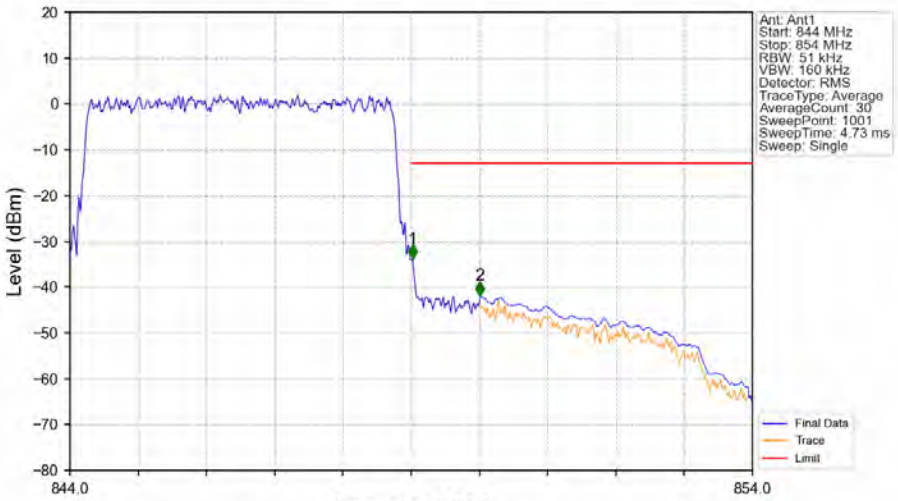


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



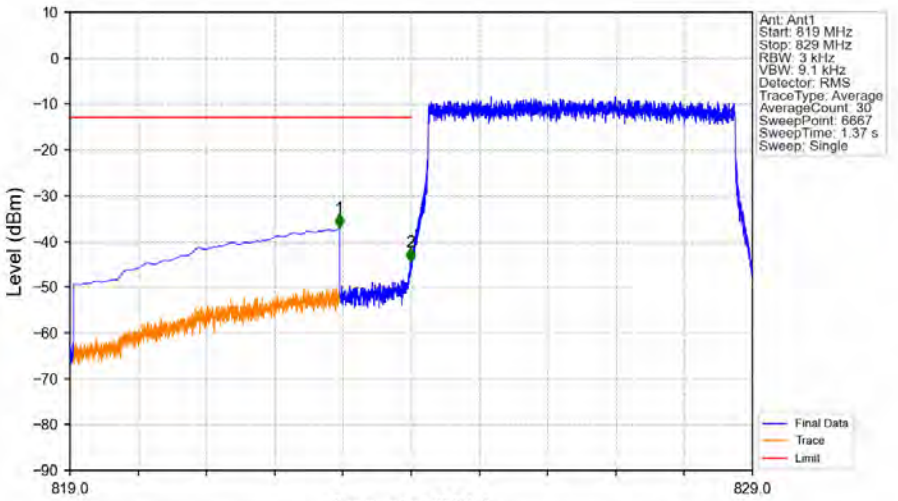
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-46.72	-13	Pass
850	854	0.1	CHP	2	850.091	-42.18	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



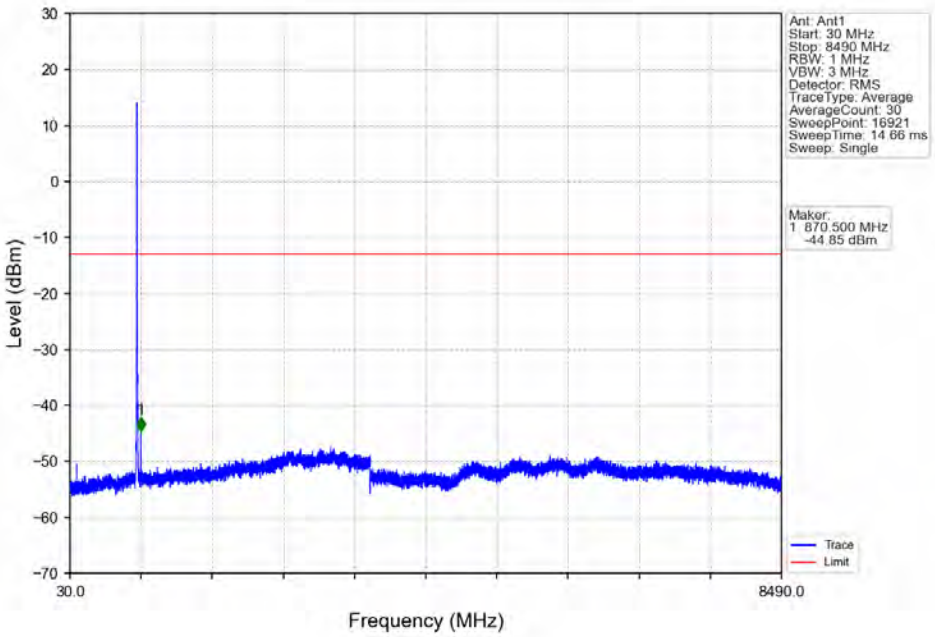
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.020	-33.85	-13	Pass
850	854	0.1	CHP	2	850.010	-41.83	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

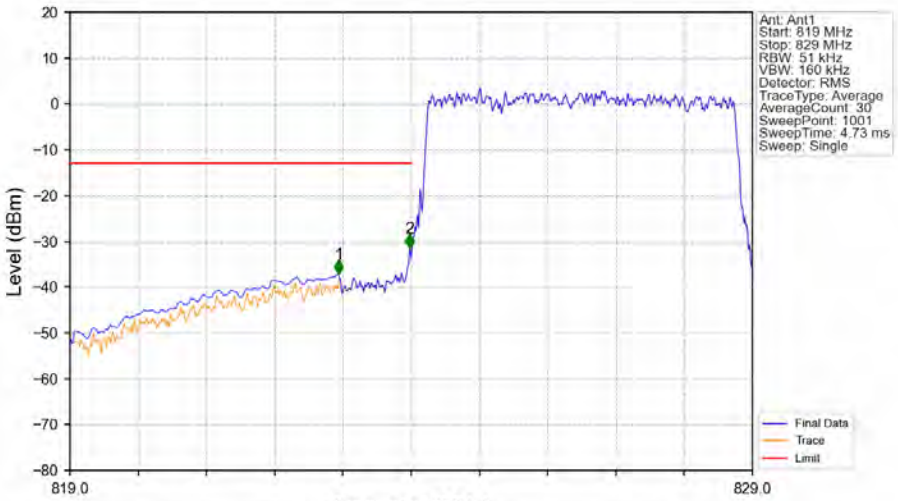


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.948	-37.09	-13	Pass
823	824	0.003	/	2	823.991	-44.49	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

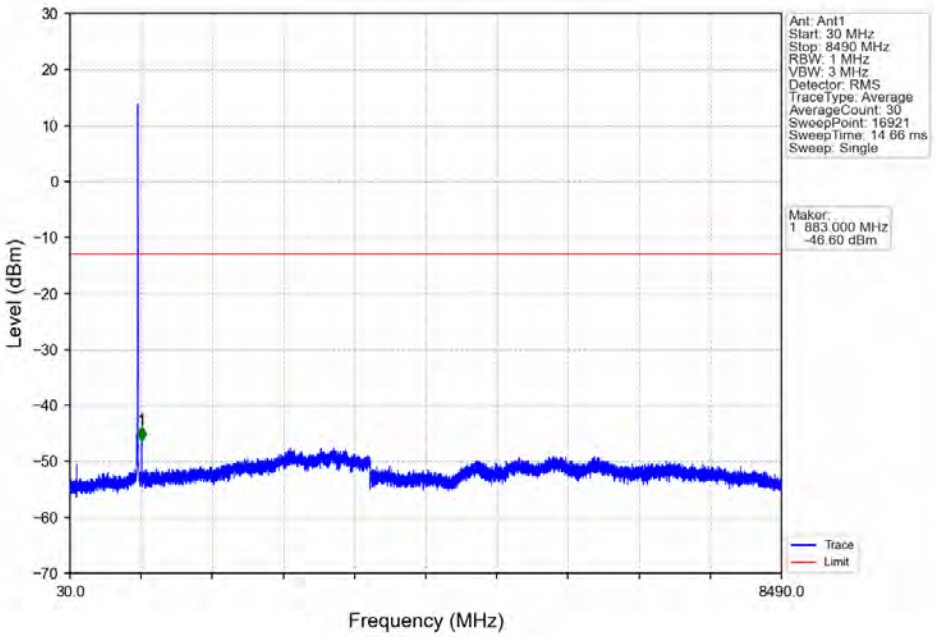


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

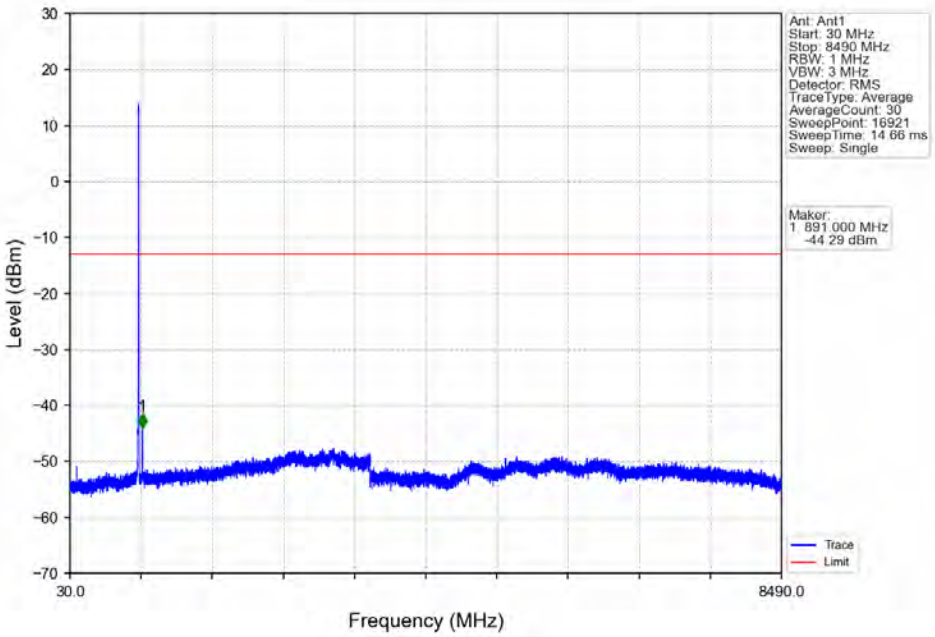


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-37.14	-13	Pass
823	824	0.051	/	2	823.980	-31.53	-13	Pass
824	829	0.051	/	/	/	/	/	/

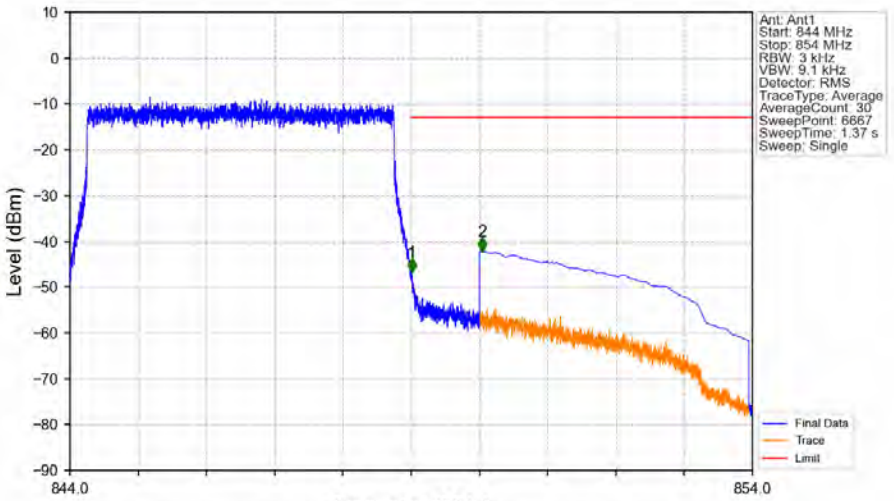
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

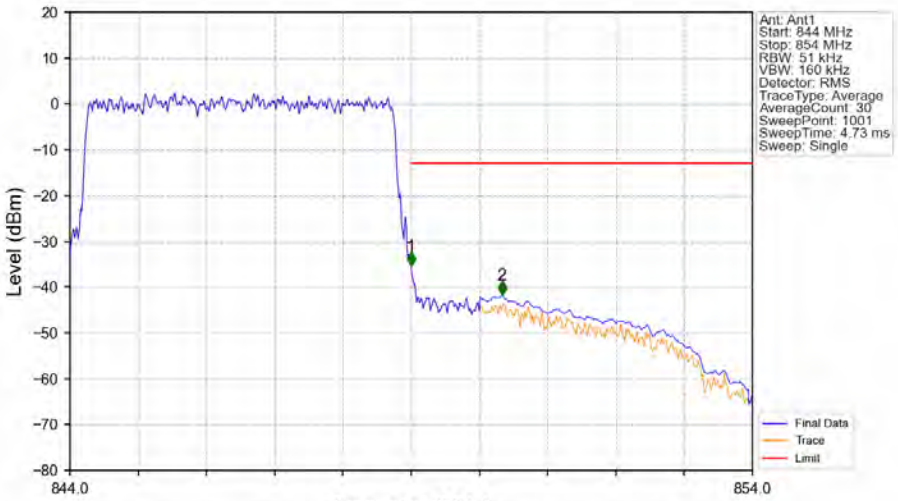


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



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	849.008	-46.87	-13	Pass
850	854	0.1	CHP	2	850.046	-42.20	-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	-35.45	-13	Pass
850	854	0.1	CHP	2	850.330	-41.78	-13	Pass

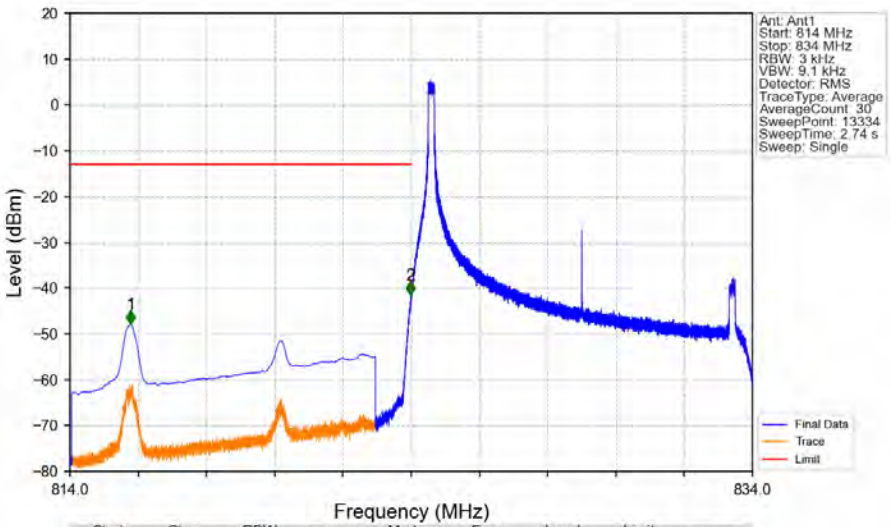
6.4 B5_10MHz

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

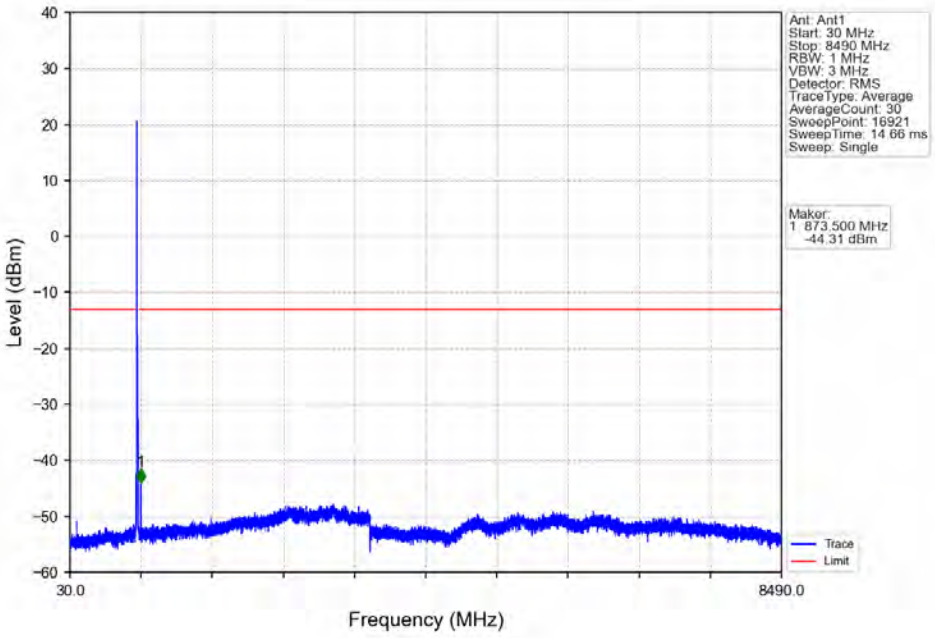
6.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

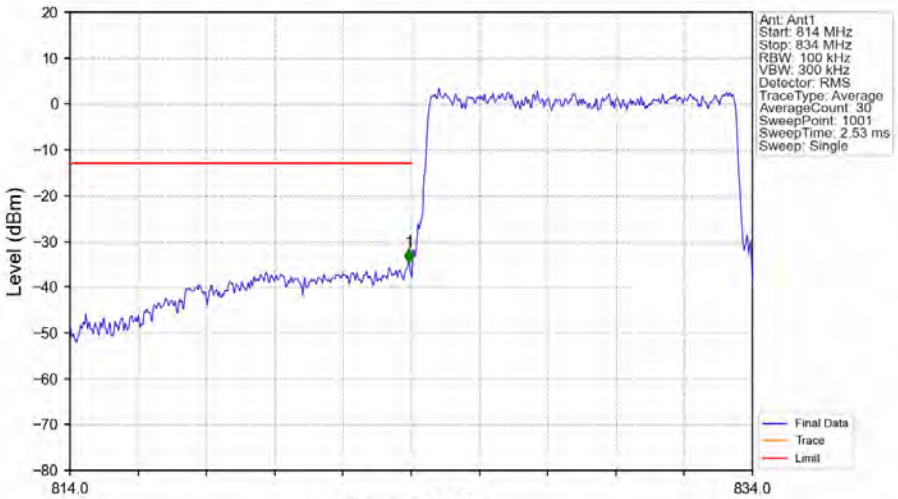


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	815.781	-47.86	-13	Pass
823	824	0.003	/	2	823.987	-41.50	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

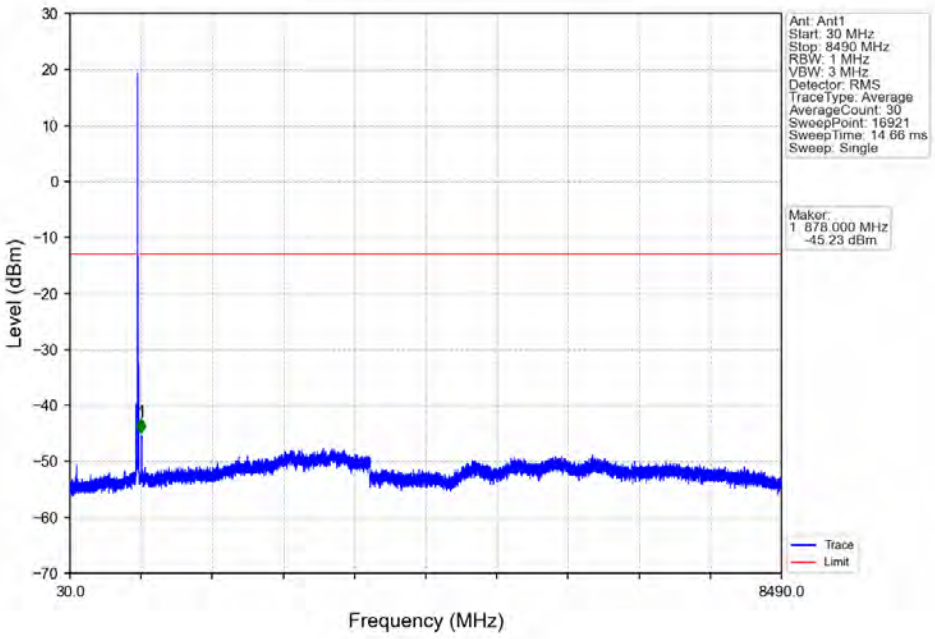


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

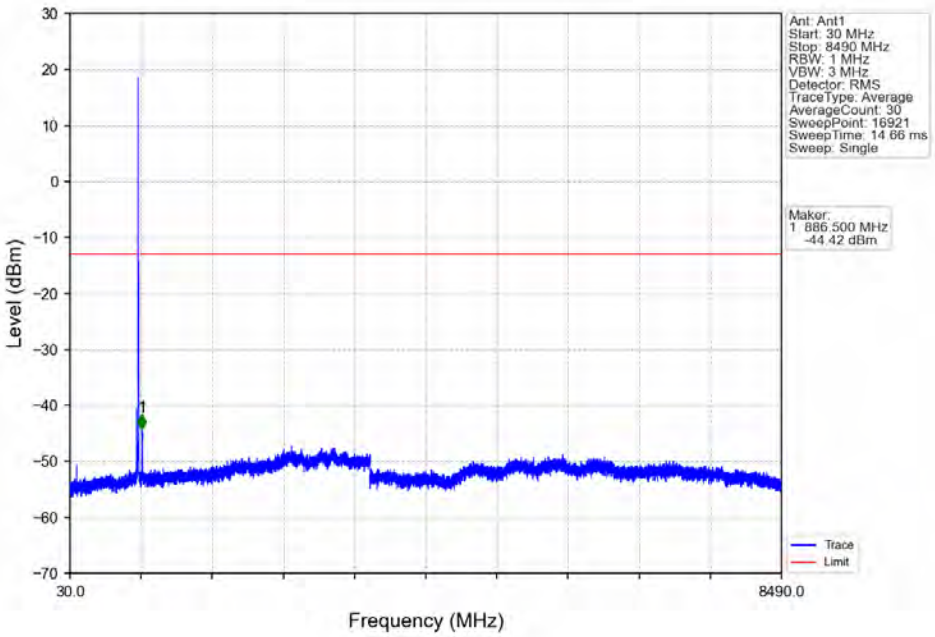


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.940	-34.60	-13	Pass
824	834	0.1	/	/	/	/	/	/

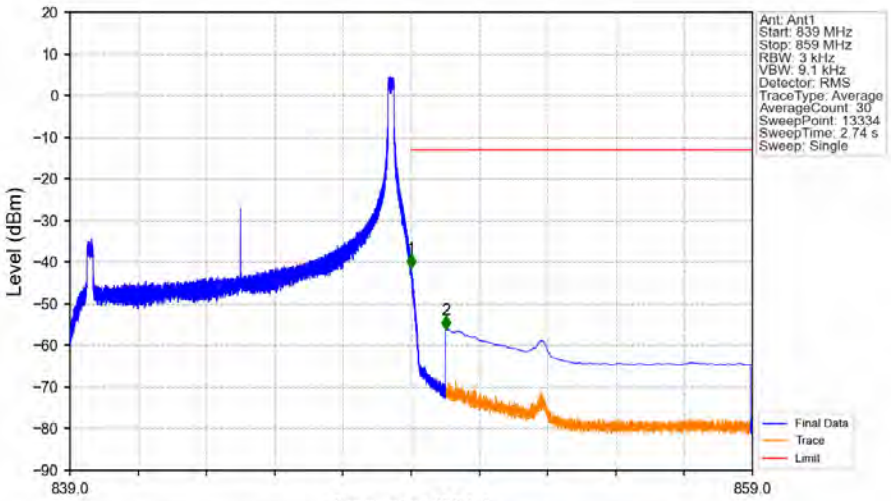
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

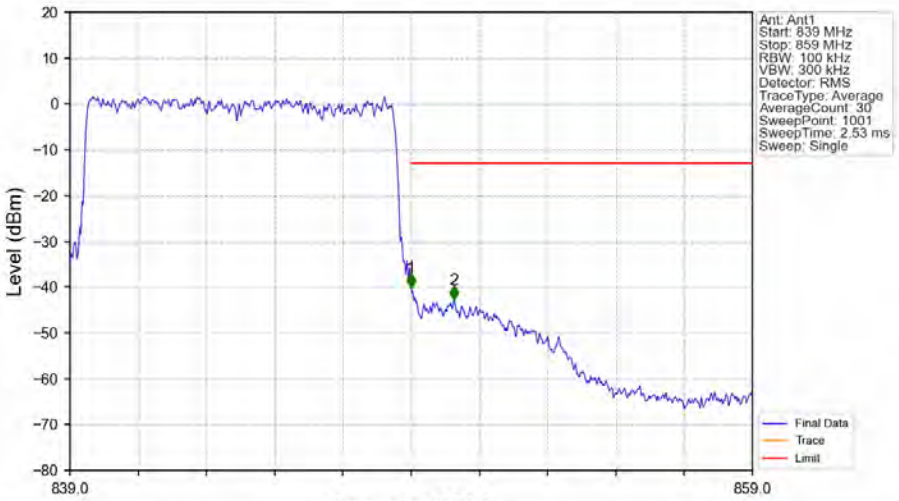


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



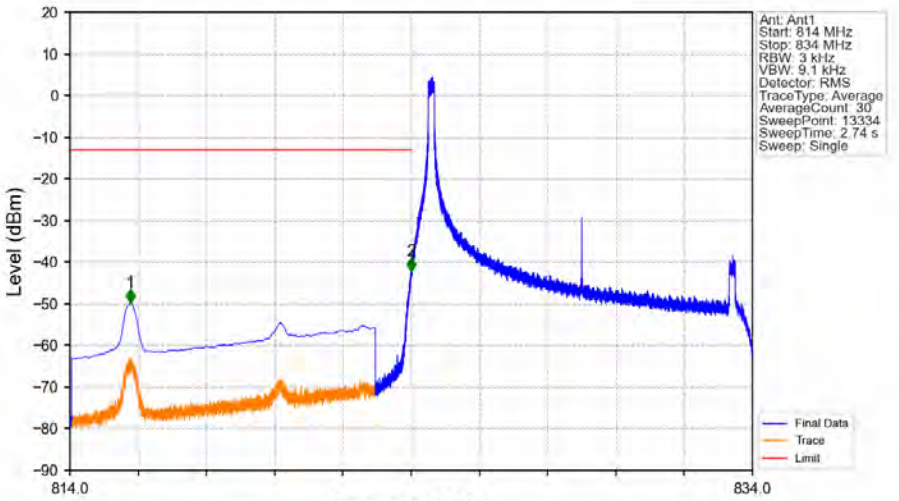
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-41.57	-13	Pass
850	859	0.1	CHP	2	850.012	-56.20	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



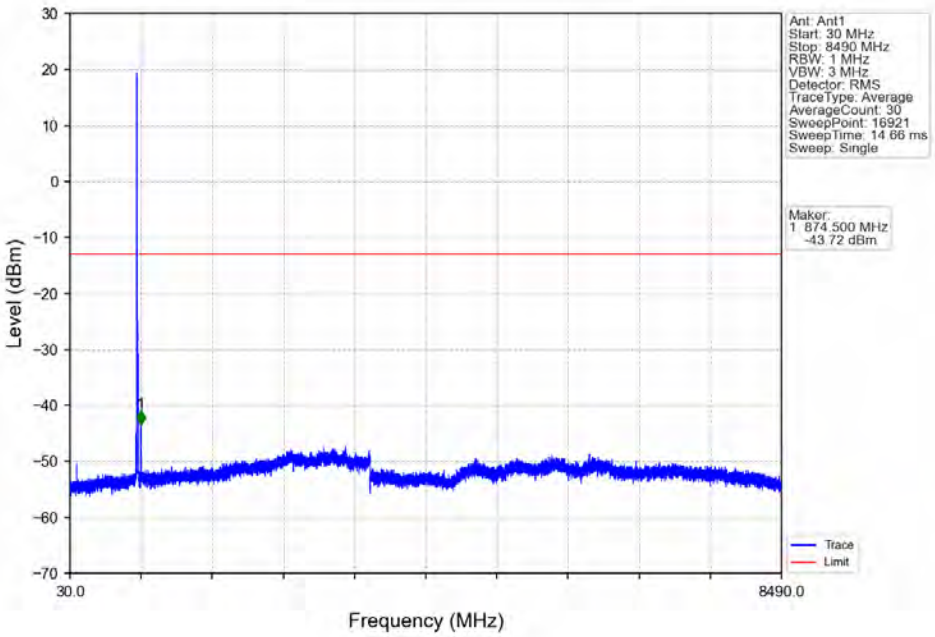
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.000	-40.12	-13	Pass
850	859	0.1	/	2	850.260	-42.83	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

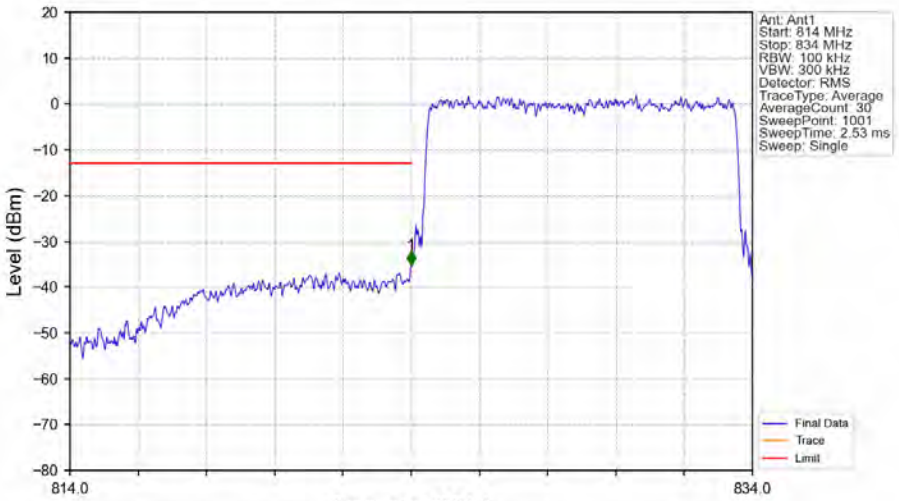


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	815.773	-49.76	-13	Pass
823	824	0.003	/	2	823.998	-42.20	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

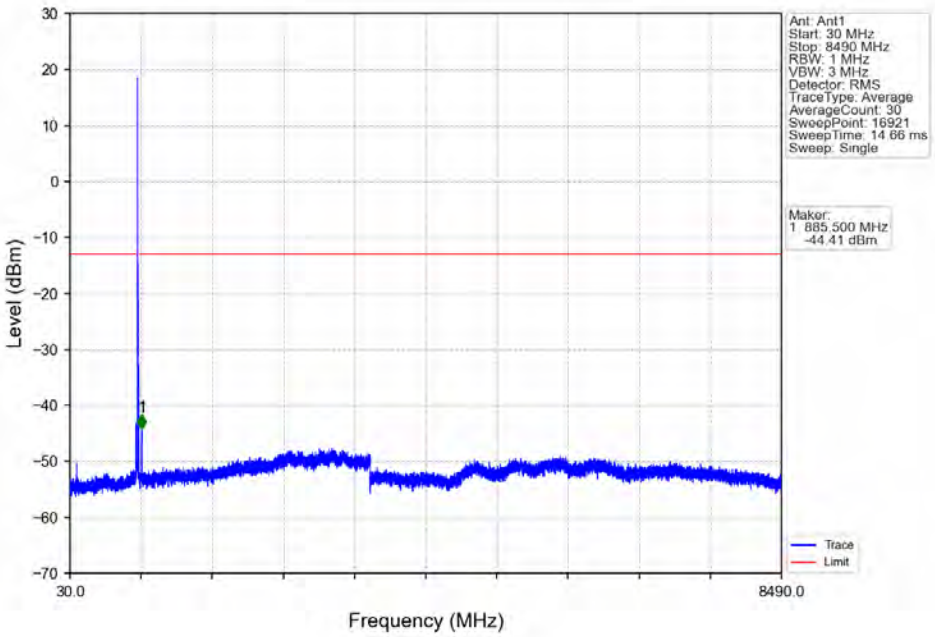


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

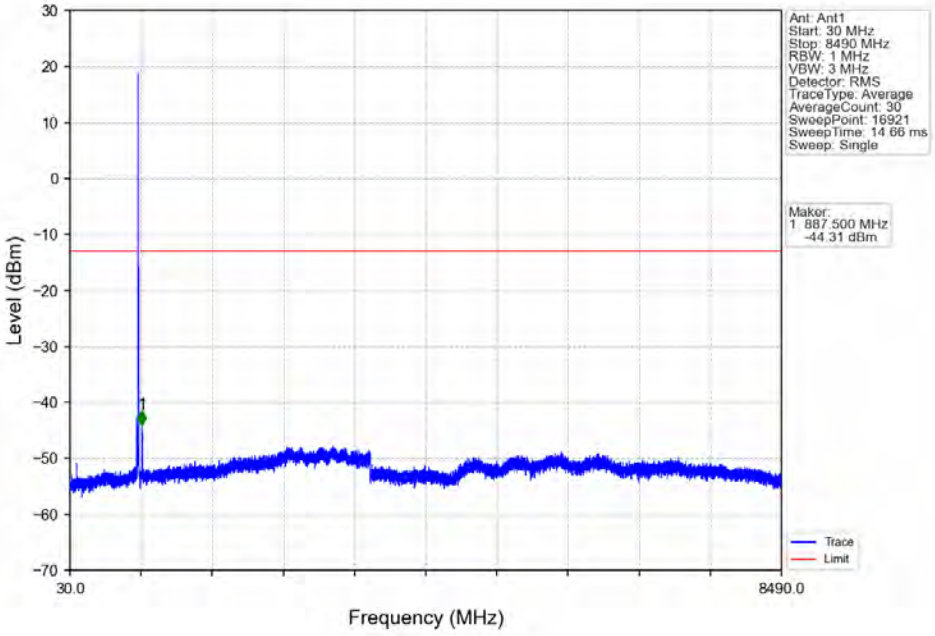


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-35.24	-13	Pass
824	834	0.1	/	/	/	/	/	/

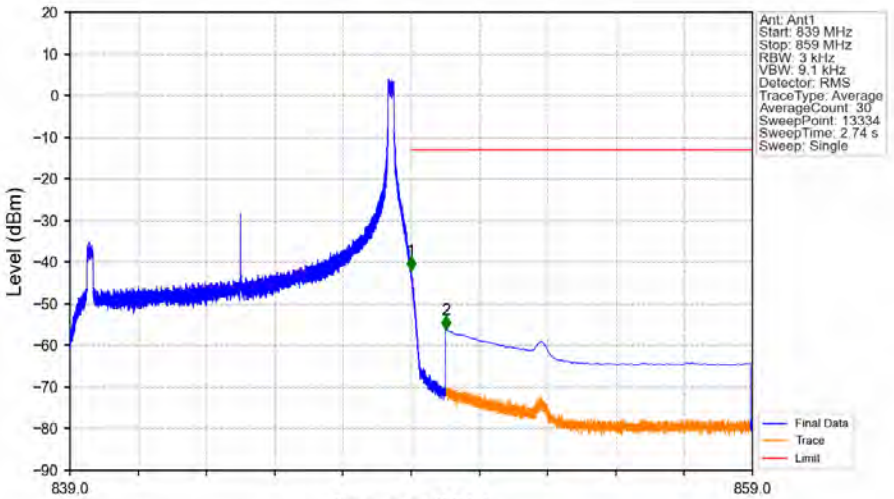
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

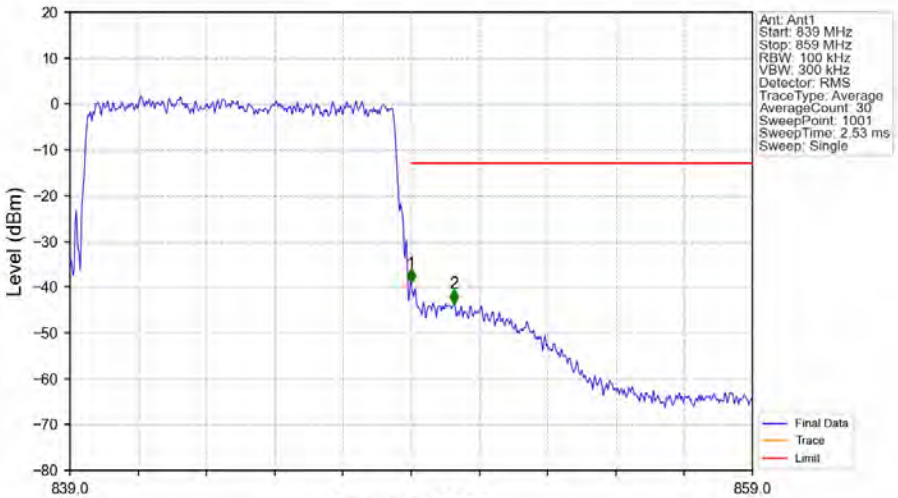


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



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	-42.16	-13	Pass
850	859	0.1	CHP	2	850.012	-56.21	-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	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.000	-39.10	-13	Pass
850	859	0.1	/	2	850.260	-43.59	-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	0.1905	0.0576	ppm	1M11G7D	22H	22.80
5	1.4	824.7	848.3	0.1486	0.0516	ppm	1M11W7D	22H	21.72
5	3	825.5	847.5	0.1892	0.0567	ppm	2M76G7D	22H	22.77
5	3	825.5	847.5	0.1528	0.0555	ppm	2M76W7D	22H	21.84
5	5	826.5	846.5	0.1862	0.0497	ppm	4M56G7D	22H	22.70
5	5	826.5	846.5	0.1493	0.0548	ppm	4M58W7D	22H	21.74
5	10	829	844	0.1910	0.0546	ppm	9M11G7D	22H	22.81
5	10	829	844	0.1795	0.0553	ppm	9M07W7D	22H	22.54

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.1288	0.0576	ppm	1M11G7D	22H	21.10
5	1.4	824.7	848.3	0.1005	0.0516	ppm	1M11W7D	22H	20.02
5	3	825.5	847.5	0.1279	0.0567	ppm	2M76G7D	22H	21.07
5	3	825.5	847.5	0.1033	0.0555	ppm	2M76W7D	22H	20.14
5	5	826.5	846.5	0.1259	0.0497	ppm	4M56G7D	22H	21.00
5	5	826.5	846.5	0.1009	0.0548	ppm	4M58W7D	22H	20.04
5	10	829	844	0.1291	0.0546	ppm	9M11G7D	22H	21.11
5	10	829	844	0.1213	0.0553	ppm	9M07W7D	22H	20.84