1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.89	-0.38	21.36	<=38.45	Pass
			2	24.01	-0.38	21.48	<=38.45	Pass
			5	24.06	-0.38	21.53	<=38.45	Pass
		3	0	24.02	-0.38	21.49	<=38.45	Pass
			2	24.04	-0.38	21.51	<=38.45	Pass
			3	24.08	-0.38	21.55	<=38.45	Pass
		6	0	23.08	-0.38	20.55	<=38.45	Pass
	836.5	1	0	23.95	-0.38	21.42	<=38.45	Pass
			2	24.03	-0.38	21.50	<=38.45	Pass
			5	24.07	-0.38	21.54	<=38.45	Pass
		3	0	24.20	-0.38	21.67	<=38.45	Pass
			2	24.20	-0.38	21.67	<=38.45	Pass
			3	24.11	-0.38	21.58	<=38.45	Pass
		6	0	23.05	-0.38	20.52	<=38.45	Pass
	848.3	1	0	24.19	-0.38	21.66	<=38.45	Pass
			2	24.14	-0.38	21.61	<=38.45	Pass
			5	24.14	-0.38	21.61	<=38.45	Pass
		3	0	24.07	-0.38	21.54	<=38.45	Pass
			2	24.04	-0.38	21.51	<=38.45	Pass
			3	24.03	-0.38	21.50	<=38.45	Pass
		6	0	23.06	-0.38	20.53	<=38.45	Pass
16QAM	824.7	1	0	23.70	-0.38	21.17	<=38.45	Pass
			2	23.68	-0.38	21.15	<=38.45	Pass
			5	23.71	-0.38	21.18	<=38.45	Pass
		3	0	23.07	-0.38	20.54	<=38.45	Pass
			2	23.09	-0.38	20.56	<=38.45	Pass
			3	23.11	-0.38	20.58	<=38.45	Pass
		6	0	22.18	-0.38	19.65	<=38.45	Pass
	836.5	1	0	23.67	-0.38	21.14	<=38.45	Pass
			2	23.66	-0.38	21.13	<=38.45	Pass
			5	23.71	-0.38	21.18	<=38.45	Pass
		3	0	23.02	-0.38	20.49	<=38.45	Pass
			2	23.03	-0.38	20.50	<=38.45	Pass
			3	23.00	-0.38	20.47	<=38.45	Pass
		6	0	22.10	-0.38	19.57	<=38.45	Pass
	848.3	1	0	23.14	-0.38	20.61	<=38.45	Pass
			2	23.13	-0.38	20.60	<=38.45	Pass
			5	23.12	-0.38	20.59	<=38.45	Pass
		3	0	22.79	-0.38	20.26	<=38.45	Pass
			2	22.77	-0.38	20.24	<=38.45	Pass
			3	22.84	-0.38	20.31	<=38.45	Pass
		6	0	22.16	-0.38	19.63	<=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	23.07	-0.38	20.54	<=38.45	Pass
			7	23.06	-0.38	20.53	<=38.45	Pass
			14	22.99	-0.38	20.46	<=38.45	Pass
		8	0	23.03	-0.38	20.50	<=38.45	Pass
			4	23.00	-0.38	20.47	<=38.45	Pass
			7	22.97	-0.38	20.44	<=38.45	Pass
		15	0	23.10	-0.38	20.57	<=38.45	Pass
	836.5	1	0	23.05	-0.38	20.52	<=38.45	Pass
			7	23.01	-0.38	20.48	<=38.45	Pass
			14	23.13	-0.38	20.60	<=38.45	Pass
		8	0	23.11	-0.38	20.58	<=38.45	Pass
			4	23.11	-0.38	20.58	<=38.45	Pass
			7	23.10	-0.38	20.57	<=38.45	Pass
		15	0	23.09	-0.38	20.56	<=38.45	Pass
	847.5	1	0	23.09	-0.38	20.56	<=38.45	Pass
			7	23.05	-0.38	20.52	<=38.45	Pass
			14	23.16	-0.38	20.63	<=38.45	Pass
		8	0	23.14	-0.38	20.61	<=38.45	Pass
			4	23.12	-0.38	20.59	<=38.45	Pass
			7	23.10	-0.38	20.57	<=38.45	Pass
		15	0	23.09	-0.38	20.56	<=38.45	Pass
16QAM	825.5	1	0	23.02	-0.38	20.49	<=38.45	Pass
			7	23.06	-0.38	20.53	<=38.45	Pass
			14	23.05	-0.38	20.52	<=38.45	Pass
		8	0	23.03	-0.38	20.50	<=38.45	Pass
			4	23.02	-0.38	20.49	<=38.45	Pass
			7	23.01	-0.38	20.48	<=38.45	Pass
		15	0	23.00	-0.38	20.47	<=38.45	Pass
	836.5	1	0	23.08	-0.38	20.55	<=38.45	Pass
			7	23.07	-0.38	20.54	<=38.45	Pass
			14	23.06	-0.38	20.53	<=38.45	Pass
		8	0	23.05	-0.38	20.52	<=38.45	Pass
			4	23.05	-0.38	20.52	<=38.45	Pass
			7	23.05	-0.38	20.52	<=38.45	Pass
		15	0	23.04	-0.38	20.51	<=38.45	Pass
	847.5	1	0	23.08	-0.38	20.55	<=38.45	Pass
			7	23.07	-0.38	20.54	<=38.45	Pass
			14	23.05	-0.38	20.52	<=38.45	Pass
		8	0	23.04	-0.38	20.51	<=38.45	Pass
			4	23.03	-0.38	20.50	<=38.45	Pass
			7	23.03	-0.38	20.50	<=38.45	Pass
		15	0	23.02	-0.38	20.49	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.77	-0.38	21.24	<=38.45	Pass
			13	23.96	-0.38	21.43	<=38.45	Pass
			24	23.97	-0.38	21.44	<=38.45	Pass
		12	0	22.93	-0.38	20.40	<=38.45	Pass
			6	23.11	-0.38	20.58	<=38.45	Pass
			13	22.95	-0.38	20.42	<=38.45	Pass
		25	0	23.06	-0.38	20.53	<=38.45	Pass
	836.5	1	0	24.06	-0.38	21.53	<=38.45	Pass
			13	23.86	-0.38	21.33	<=38.45	Pass
			24	24.03	-0.38	21.50	<=38.45	Pass
		12	0	23.03	-0.38	20.50	<=38.45	Pass
			6	22.94	-0.38	20.41	<=38.45	Pass
			13	23.08	-0.38	20.55	<=38.45	Pass
		25	0	23.02	-0.38	20.49	<=38.45	Pass
	846.5	1	0	24.24	-0.38	21.71	<=38.45	Pass
			13	24.16	-0.38	21.63	<=38.45	Pass
			24	24.17	-0.38	21.64	<=38.45	Pass
		12	0	23.09	-0.38	20.56	<=38.45	Pass
			6	23.10	-0.38	20.57	<=38.45	Pass
			13	23.18	-0.38	20.65	<=38.45	Pass
		25	0	23.14	-0.38	20.61	<=38.45	Pass
16QAM	826.5	1	0	22.60	-0.38	20.07	<=38.45	Pass
			13	22.76	-0.38	20.23	<=38.45	Pass
			24	22.76	-0.38	20.23	<=38.45	Pass
		12	0	21.93	-0.38	19.40	<=38.45	Pass
			6	22.34	-0.38	19.81	<=38.45	Pass
			13	22.28	-0.38	19.75	<=38.45	Pass
		25	0	22.43	-0.38	19.90	<=38.45	Pass
	836.5	1	0	23.61	-0.38	21.08	<=38.45	Pass
			13	23.56	-0.38	21.03	<=38.45	Pass
			24	23.70	-0.38	21.17	<=38.45	Pass
		12	0	22.06	-0.38	19.53	<=38.45	Pass
			6	22.02	-0.38	19.49	<=38.45	Pass
			13	22.05	-0.38	19.52	<=38.45	Pass
		25	0	22.06	-0.38	19.53	<=38.45	Pass
	846.5	1	0	23.55	-0.38	21.02	<=38.45	Pass
			13	23.51	-0.38	20.98	<=38.45	Pass
			24	23.49	-0.38	20.96	<=38.45	Pass
		12	0	21.97	-0.38	19.44	<=38.45	Pass
			6	22.02	-0.38	19.49	<=38.45	Pass
			13	22.00	-0.38	19.47	<=38.45	Pass
		25	0	22.07	-0.38	19.54	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.85	-0.38	21.32	<=38.45	Pass
			25	24.02	-0.38	21.49	<=38.45	Pass
			49	24.04	-0.38	21.51	<=38.45	Pass
		25	0	23.07	-0.38	20.54	<=38.45	Pass
			13	23.01	-0.38	20.48	<=38.45	Pass
			25	23.05	-0.38	20.52	<=38.45	Pass
		50	0	23.07	-0.38	20.54	<=38.45	Pass
	836.5	1	0	24.08	-0.38	21.55	<=38.45	Pass
			25	23.97	-0.38	21.44	<=38.45	Pass
			49	24.06	-0.38	21.53	<=38.45	Pass
		25	0	23.24	-0.38	20.71	<=38.45	Pass
			13	22.97	-0.38	20.44	<=38.45	Pass
			25	23.15	-0.38	20.62	<=38.45	Pass
		50	0	23.01	-0.38	20.48	<=38.45	Pass
	844	1	0	24.02	-0.38	21.49	<=38.45	Pass
			25	23.97	-0.38	21.44	<=38.45	Pass
			49	23.97	-0.38	21.44	<=38.45	Pass
		25	0	23.12	-0.38	20.59	<=38.45	Pass
			13	23.01	-0.38	20.48	<=38.45	Pass
			25	23.13	-0.38	20.60	<=38.45	Pass
		50	0	23.00	-0.38	20.47	<=38.45	Pass
16QAM	829	1	0	23.67	-0.38	21.14	<=38.45	Pass
			25	23.69	-0.38	21.16	<=38.45	Pass
			49	23.90	-0.38	21.37	<=38.45	Pass
		25	0	22.35	-0.38	19.82	<=38.45	Pass
			13	22.10	-0.38	19.57	<=38.45	Pass
			25	22.05	-0.38	19.52	<=38.45	Pass
		50	0	22.20	-0.38	19.67	<=38.45	Pass
	836.5	1	0	23.50	-0.38	20.97	<=38.45	Pass
			25	23.37	-0.38	20.84	<=38.45	Pass
			49	23.44	-0.38	20.91	<=38.45	Pass
		25	0	22.29	-0.38	19.76	<=38.45	Pass
			13	22.25	-0.38	19.72	<=38.45	Pass
			25	22.36	-0.38	19.83	<=38.45	Pass
		50	0	22.02	-0.38	19.49	<=38.45	Pass
	844	1	0	24.26	-0.38	21.73	<=38.45	Pass
			25	24.13	-0.38	21.60	<=38.45	Pass
			49	24.15	-0.38	21.62	<=38.45	Pass
		25	0	22.11	-0.38	19.58	<=38.45	Pass
			13	22.07	-0.38	19.54	<=38.45	Pass
			25	22.23	-0.38	19.70	<=38.45	Pass
		50	0	22.05	-0.38	19.52	<=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	-17.796	-0.0216	-2.5 to 2.5	Pass
					3.85	-7.153	-0.0087	-2.5 to 2.5	Pass
					4.43	-46.792	-0.0567	-2.5 to 2.5	Pass
				-30	3.85	-15.950	-0.0193	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-23.718	-0.0288	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-26.808	-0.0325	-2.5 to 2.5	Pass
				30	3.85	-28.253	-0.0343	-2.5 to 2.5	Pass
				40	3.85	-21.257	-0.0258	-2.5 to 2.5	Pass
				50	3.85	-7.954	-0.0096	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-31.514	-0.0377	-2.5 to 2.5	Pass
					3.85	-27.409	-0.0328	-2.5 to 2.5	Pass
					4.43	-41.084	-0.0491	-2.5 to 2.5	Pass
				-30	3.85	-40.412	-0.0483	-2.5 to 2.5	Pass
				-20	3.85	-17.066	-0.0204	-2.5 to 2.5	Pass
				-10	3.85	-29.111	-0.0348	-2.5 to 2.5	Pass
				0	3.85	-29.984	-0.0358	-2.5 to 2.5	Pass
				10	3.85	-22.616	-0.0270	-2.5 to 2.5	Pass
				30	3.85	-8.984	-0.0107	-2.5 to 2.5	Pass
				40	3.85	5.465	0.0065	-2.5 to 2.5	Pass
				50	3.85	24.333	0.0291	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-2.847	-0.0034	-2.5 to 2.5	Pass
					3.85	32.802	0.0387	-2.5 to 2.5	Pass
					4.43	4.978	0.0059	-2.5 to 2.5	Pass
				-30	3.85	47.164	0.0556	-2.5 to 2.5	Pass
				-20	3.85	24.362	0.0287	-2.5 to 2.5	Pass
				-10	3.85	1.459	0.0017	-2.5 to 2.5	Pass
				0	3.85	26.178	0.0309	-2.5 to 2.5	Pass
				10	3.85	42.443	0.0500	-2.5 to 2.5	Pass
				30	3.85	28.982	0.0342	-2.5 to 2.5	Pass
				40	3.85	42.701	0.0503	-2.5 to 2.5	Pass
				50	3.85	26.279	0.0310	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-36.106	-0.0438	-2.5 to 2.5	Pass
					3.85	-9.685	-0.0117	-2.5 to 2.5	Pass
					4.43	-24.233	-0.0294	-2.5 to 2.5	Pass
				-30	3.85	-37.208	-0.0451	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-8.254	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-11.702	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-12.331	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-8.497	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-4.892	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-0.229	-0.0003	-2.5 to 2.5	Pass
					3.85	20.986	0.0251	-2.5 to 2.5	Pass
					4.43	41.585	0.0497	-2.5 to 2.5	Pass
				-30	3.85	20.156	0.0241	-2.5 to 2.5	Pass
				-20	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	21.672	0.0259	-2.5 to 2.5	Pass
				0	3.85	7.024	0.0084	-2.5 to 2.5	Pass
				10	3.85	34.246	0.0409	-2.5 to 2.5	Pass

				30	3.85	12.546	0.0150	-2.5 to 2.5	Pass
				40	3.85	41.928	0.0501	-2.5 to 2.5	Pass
				50	3.85	20.285	0.0242	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	11.187	0.0132	-2.5 to 2.5	Pass
					3.85	45.919	0.0541	-2.5 to 2.5	Pass
					4.43	35.405	0.0417	-2.5 to 2.5	Pass
				-30	3.85	32.716	0.0386	-2.5 to 2.5	Pass
				-20	3.85	34.246	0.0404	-2.5 to 2.5	Pass
				-10	3.85	31.943	0.0377	-2.5 to 2.5	Pass
				0	3.85	32.487	0.0383	-2.5 to 2.5	Pass
				10	3.85	32.029	0.0378	-2.5 to 2.5	Pass
				30	3.85	35.305	0.0416	-2.5 to 2.5	Pass
				40	3.85	36.693	0.0433	-2.5 to 2.5	Pass
				50	3.85	41.628	0.0491	-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	-23.074	-0.0280	-2.5 to 2.5	Pass
					3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
					4.43	-10.500	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-10.071	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-18.382	-0.0223	-2.5 to 2.5	Pass
				-10	3.85	-29.111	-0.0353	-2.5 to 2.5	Pass
				0	3.85	-36.449	-0.0442	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-18.082	-0.0219	-2.5 to 2.5	Pass
				40	3.85	-35.377	-0.0429	-2.5 to 2.5	Pass
				50	3.85	-1.545	-0.0019	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-13.318	-0.0159	-2.5 to 2.5	Pass
					3.85	-34.375	-0.0411	-2.5 to 2.5	Pass
					4.43	-42.844	-0.0512	-2.5 to 2.5	Pass
				-30	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-11.516	-0.0138	-2.5 to 2.5	Pass
				0	3.85	-22.001	-0.0263	-2.5 to 2.5	Pass
				10	3.85	-30.413	-0.0364	-2.5 to 2.5	Pass
				30	3.85	-42.129	-0.0504	-2.5 to 2.5	Pass
				40	3.85	-10.028	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-20.242	-0.0242	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-40.870	-0.0482	-2.5 to 2.5	Pass
					3.85	11.501	0.0136	-2.5 to 2.5	Pass
					4.43	24.548	0.0290	-2.5 to 2.5	Pass
				-30	3.85	24.590	0.0290	-2.5 to 2.5	Pass
				-20	3.85	15.235	0.0180	-2.5 to 2.5	Pass
				-10	3.85	2.532	0.0030	-2.5 to 2.5	Pass
				0	3.85	31.757	0.0375	-2.5 to 2.5	Pass
				10	3.85	10.729	0.0127	-2.5 to 2.5	Pass
				30	3.85	37.494	0.0442	-2.5 to 2.5	Pass

				40	3.85	20.356	0.0240	-2.5 to 2.5	Pass
				50	3.85	45.877	0.0541	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-19.684	-0.0238	-2.5 to 2.5	Pass
					3.85	-28.539	-0.0346	-2.5 to 2.5	Pass
					4.43	-28.410	-0.0344	-2.5 to 2.5	Pass
				-30	3.85	-29.969	-0.0363	-2.5 to 2.5	Pass
				-20	3.85	-22.202	-0.0269	-2.5 to 2.5	Pass
				-10	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				0	3.85	-20.714	-0.0251	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0028	-2.5 to 2.5	Pass
				30	3.85	-24.519	-0.0297	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-26.894	-0.0326	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-31.815	-0.0380	-2.5 to 2.5	Pass
					3.85	-16.451	-0.0197	-2.5 to 2.5	Pass
					4.43	-21.501	-0.0257	-2.5 to 2.5	Pass
				-30	3.85	-31.829	-0.0381	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-36.635	-0.0438	-2.5 to 2.5	Pass
				0	3.85	-10.357	-0.0124	-2.5 to 2.5	Pass
				10	3.85	-37.079	-0.0443	-2.5 to 2.5	Pass
				30	3.85	-16.937	-0.0202	-2.5 to 2.5	Pass
				40	3.85	-37.637	-0.0450	-2.5 to 2.5	Pass
				50	3.85	-7.710	-0.0092	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	14.577	0.0172	-2.5 to 2.5	Pass
					3.85	1.602	0.0019	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-12.102	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-15.907	-0.0188	-2.5 to 2.5	Pass
				-10	3.85	-21.014	-0.0248	-2.5 to 2.5	Pass
				0	3.85	-22.674	-0.0268	-2.5 to 2.5	Pass
				10	3.85	-25.978	-0.0307	-2.5 to 2.5	Pass
				30	3.85	-25.434	-0.0300	-2.5 to 2.5	Pass
				40	3.85	-28.853	-0.0340	-2.5 to 2.5	Pass
				50	3.85	-38.652	-0.0456	-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	34.976	0.0423	-2.5 to 2.5	Pass
					3.85	37.065	0.0448	-2.5 to 2.5	Pass
					4.43	12.960	0.0157	-2.5 to 2.5	Pass
				-30	3.85	30.713	0.0372	-2.5 to 2.5	Pass
				-20	3.85	11.702	0.0142	-2.5 to 2.5	Pass
				-10	3.85	30.413	0.0368	-2.5 to 2.5	Pass
				0	3.85	10.915	0.0132	-2.5 to 2.5	Pass
				10	3.85	17.323	0.0210	-2.5 to 2.5	Pass
				30	3.85	19.054	0.0231	-2.5 to 2.5	Pass
				40	3.85	15.736	0.0190	-2.5 to 2.5	Pass

				50	3.85	40.212	0.0487	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-27.280	-0.0326	-2.5 to 2.5	Pass
					3.85	-27.494	-0.0329	-2.5 to 2.5	Pass
					4.43	-20.142	-0.0241	-2.5 to 2.5	Pass
				-30	3.85	-17.438	-0.0208	-2.5 to 2.5	Pass
				-20	3.85	-16.179	-0.0193	-2.5 to 2.5	Pass
				-10	3.85	-3.433	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-26.822	-0.0321	-2.5 to 2.5	Pass
				10	3.85	-13.847	-0.0166	-2.5 to 2.5	Pass
				30	3.85	-40.812	-0.0488	-2.5 to 2.5	Pass
				40	3.85	-29.454	-0.0352	-2.5 to 2.5	Pass
				50	3.85	-44.017	-0.0526	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-10.343	-0.0122	-2.5 to 2.5	Pass
					3.85	18.783	0.0222	-2.5 to 2.5	Pass
					4.43	10.057	0.0119	-2.5 to 2.5	Pass
				-30	3.85	40.884	0.0483	-2.5 to 2.5	Pass
				-20	3.85	32.058	0.0379	-2.5 to 2.5	Pass
				-10	3.85	11.430	0.0135	-2.5 to 2.5	Pass
				0	3.85	32.129	0.0380	-2.5 to 2.5	Pass
				10	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				30	3.85	12.174	0.0144	-2.5 to 2.5	Pass
				40	3.85	40.326	0.0476	-2.5 to 2.5	Pass
				50	3.85	16.022	0.0189	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	25.277	0.0306	-2.5 to 2.5	Pass
					3.85	14.448	0.0175	-2.5 to 2.5	Pass
					4.43	11.573	0.0140	-2.5 to 2.5	Pass
				-30	3.85	45.605	0.0552	-2.5 to 2.5	Pass
				-20	3.85	21.272	0.0257	-2.5 to 2.5	Pass
				-10	3.85	44.703	0.0541	-2.5 to 2.5	Pass
				0	3.85	17.881	0.0216	-2.5 to 2.5	Pass
				10	3.85	34.232	0.0414	-2.5 to 2.5	Pass
				30	3.85	21.129	0.0256	-2.5 to 2.5	Pass
				40	3.85	40.727	0.0493	-2.5 to 2.5	Pass
				50	3.85	6.595	0.0080	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-4.849	-0.0058	-2.5 to 2.5	Pass
					3.85	-12.302	-0.0147	-2.5 to 2.5	Pass
					4.43	-42.014	-0.0502	-2.5 to 2.5	Pass
				-30	3.85	-22.216	-0.0266	-2.5 to 2.5	Pass
				-20	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-14.405	-0.0172	-2.5 to 2.5	Pass
				0	3.85	-21.057	-0.0252	-2.5 to 2.5	Pass
				10	3.85	-25.535	-0.0305	-2.5 to 2.5	Pass
				30	3.85	-24.877	-0.0297	-2.5 to 2.5	Pass
				40	3.85	-25.921	-0.0310	-2.5 to 2.5	Pass
				50	3.85	-22.717	-0.0272	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	32.201	0.0380	-2.5 to 2.5	Pass
					3.85	-1.788	-0.0021	-2.5 to 2.5	Pass
					4.43	-25.134	-0.0297	-2.5 to 2.5	Pass
				-30	3.85	-26.808	-0.0317	-2.5 to 2.5	Pass
				-20	3.85	-16.279	-0.0192	-2.5 to 2.5	Pass
				-10	3.85	-33.102	-0.0391	-2.5 to 2.5	Pass
				0	3.85	-3.061	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-26.279	-0.0310	-2.5 to 2.5	Pass
				30	3.85	-46.148	-0.0545	-2.5 to 2.5	Pass
				40	3.85	-14.963	-0.0177	-2.5 to 2.5	Pass

				50	3.85	-33.016	-0.0390	-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	22.359	0.0270	-2.5 to 2.5	Pass
					3.85	22.573	0.0272	-2.5 to 2.5	Pass
					4.43	26.107	0.0315	-2.5 to 2.5	Pass
				-30	3.85	16.193	0.0195	-2.5 to 2.5	Pass
				-20	3.85	28.338	0.0342	-2.5 to 2.5	Pass
				-10	3.85	23.918	0.0289	-2.5 to 2.5	Pass
				0	3.85	28.152	0.0340	-2.5 to 2.5	Pass
				10	3.85	23.904	0.0288	-2.5 to 2.5	Pass
				30	3.85	14.334	0.0173	-2.5 to 2.5	Pass
				40	3.85	18.840	0.0227	-2.5 to 2.5	Pass
				50	3.85	10.743	0.0130	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-6.967	-0.0083	-2.5 to 2.5	Pass
					3.85	36.650	0.0438	-2.5 to 2.5	Pass
					4.43	18.139	0.0217	-2.5 to 2.5	Pass
				-30	3.85	22.960	0.0274	-2.5 to 2.5	Pass
				-20	3.85	31.042	0.0371	-2.5 to 2.5	Pass
				-10	3.85	-25.692	-0.0307	-2.5 to 2.5	Pass
				0	3.85	-25.549	-0.0305	-2.5 to 2.5	Pass
				10	3.85	-28.596	-0.0342	-2.5 to 2.5	Pass
				30	3.85	-21.014	-0.0251	-2.5 to 2.5	Pass
				40	3.85	-27.051	-0.0323	-2.5 to 2.5	Pass
				50	3.85	-30.913	-0.0370	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-5.980	-0.0071	-2.5 to 2.5	Pass
					3.85	24.133	0.0286	-2.5 to 2.5	Pass
					4.43	8.068	0.0096	-2.5 to 2.5	Pass
				-30	3.85	41.513	0.0492	-2.5 to 2.5	Pass
				-20	3.85	27.337	0.0324	-2.5 to 2.5	Pass
				-10	3.85	15.893	0.0188	-2.5 to 2.5	Pass
				0	3.85	19.898	0.0236	-2.5 to 2.5	Pass
				10	3.85	27.924	0.0331	-2.5 to 2.5	Pass
				30	3.85	29.755	0.0353	-2.5 to 2.5	Pass
				40	3.85	27.022	0.0320	-2.5 to 2.5	Pass
				50	3.85	29.182	0.0346	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	21.200	0.0256	-2.5 to 2.5	Pass
					3.85	28.610	0.0345	-2.5 to 2.5	Pass
					4.43	5.665	0.0068	-2.5 to 2.5	Pass
				-30	3.85	24.834	0.0300	-2.5 to 2.5	Pass
				-20	3.85	23.689	0.0286	-2.5 to 2.5	Pass
				-10	3.85	26.550	0.0320	-2.5 to 2.5	Pass
				0	3.85	24.819	0.0299	-2.5 to 2.5	Pass
				10	3.85	18.268	0.0220	-2.5 to 2.5	Pass
				30	3.85	37.007	0.0446	-2.5 to 2.5	Pass
				40	3.85	6.623	0.0080	-2.5 to 2.5	Pass
				50	3.85	21.243	0.0256	-2.5 to 2.5	Pass

	836.5	50	0	20	3.27	-22.674	-0.0271	-2.5 to 2.5	Pass
					3.85	-23.603	-0.0282	-2.5 to 2.5	Pass
					4.43	-27.051	-0.0323	-2.5 to 2.5	Pass
				-30	3.85	-12.946	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-32.716	-0.0391	-2.5 to 2.5	Pass
				-10	3.85	-29.325	-0.0351	-2.5 to 2.5	Pass
				0	3.85	-11.702	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-30.985	-0.0370	-2.5 to 2.5	Pass
				30	3.85	-34.189	-0.0409	-2.5 to 2.5	Pass
				40	3.85	-30.227	-0.0361	-2.5 to 2.5	Pass
				50	3.85	-7.539	-0.0090	-2.5 to 2.5	Pass
	844	50	0	20	3.27	21.329	0.0253	-2.5 to 2.5	Pass
					3.85	-22.717	-0.0269	-2.5 to 2.5	Pass
					4.43	-11.516	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-24.676	-0.0292	-2.5 to 2.5	Pass
				-20	3.85	-34.447	-0.0408	-2.5 to 2.5	Pass
				-10	3.85	-8.397	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-33.760	-0.0400	-2.5 to 2.5	Pass
				10	3.85	-19.398	-0.0230	-2.5 to 2.5	Pass
				30	3.85	-35.949	-0.0426	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-25.935	-0.0307	-2.5 to 2.5	Pass

3. Modulation Characteristics

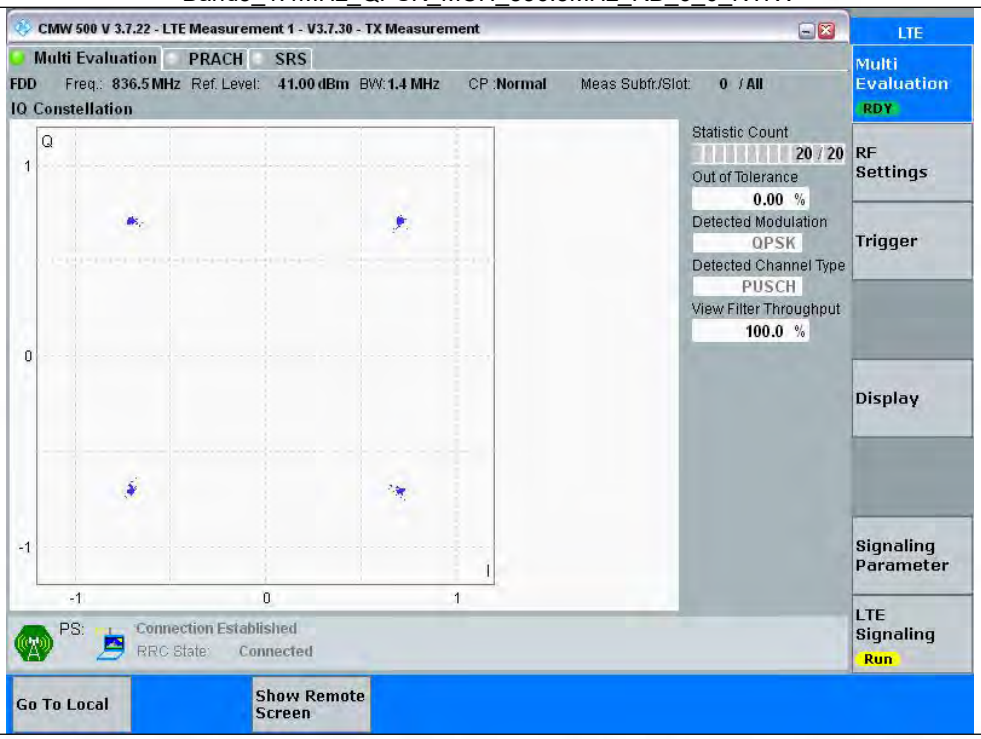
3.1 B5_1.4MHz

3.1.1 Test Result

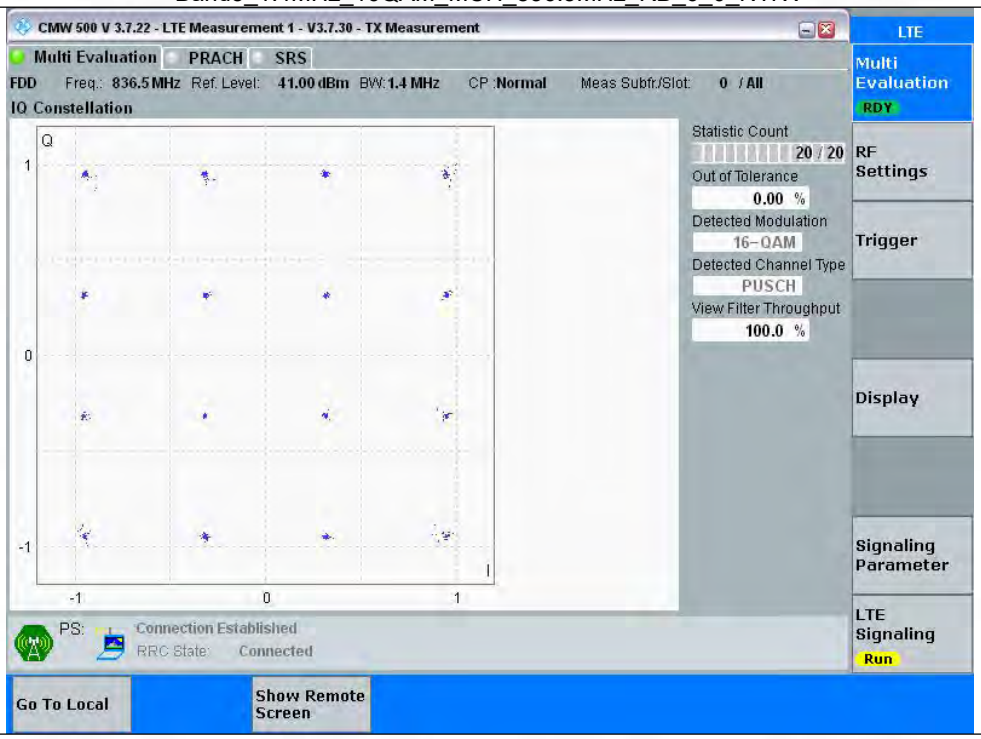
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

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



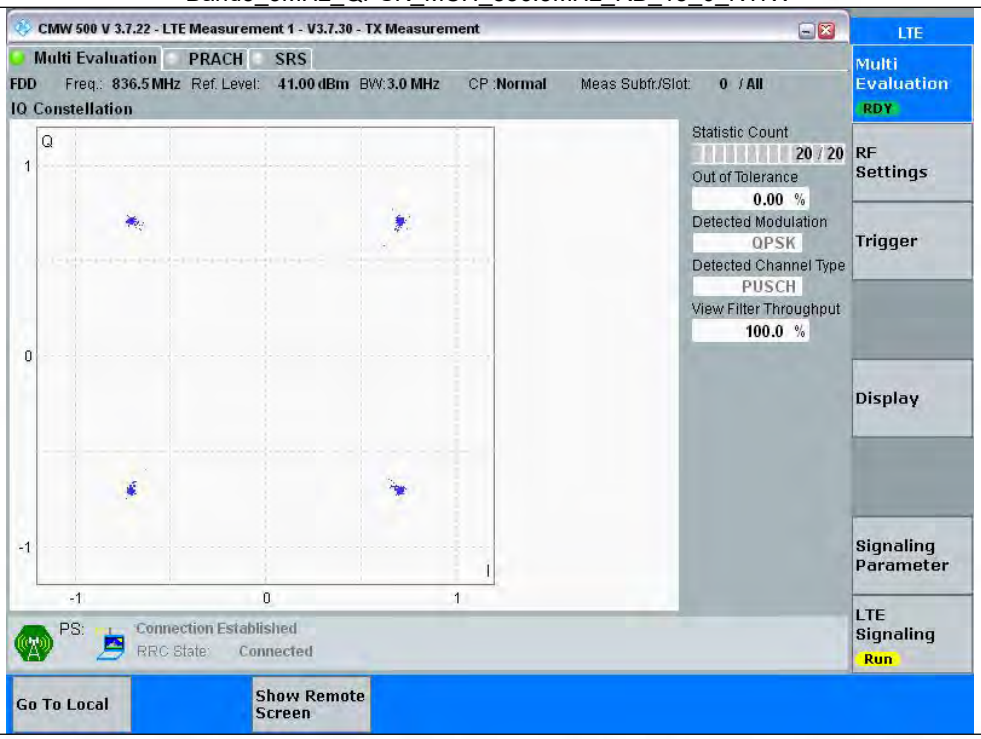
3.2 B5_3MHz

3.2.1 Test Result

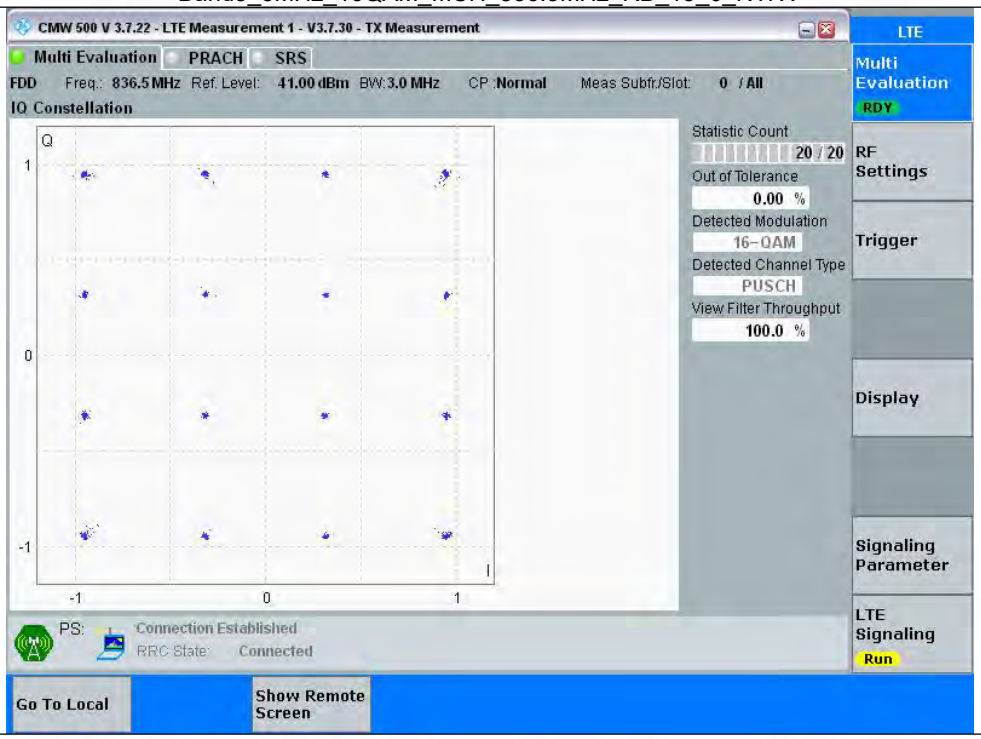
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

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



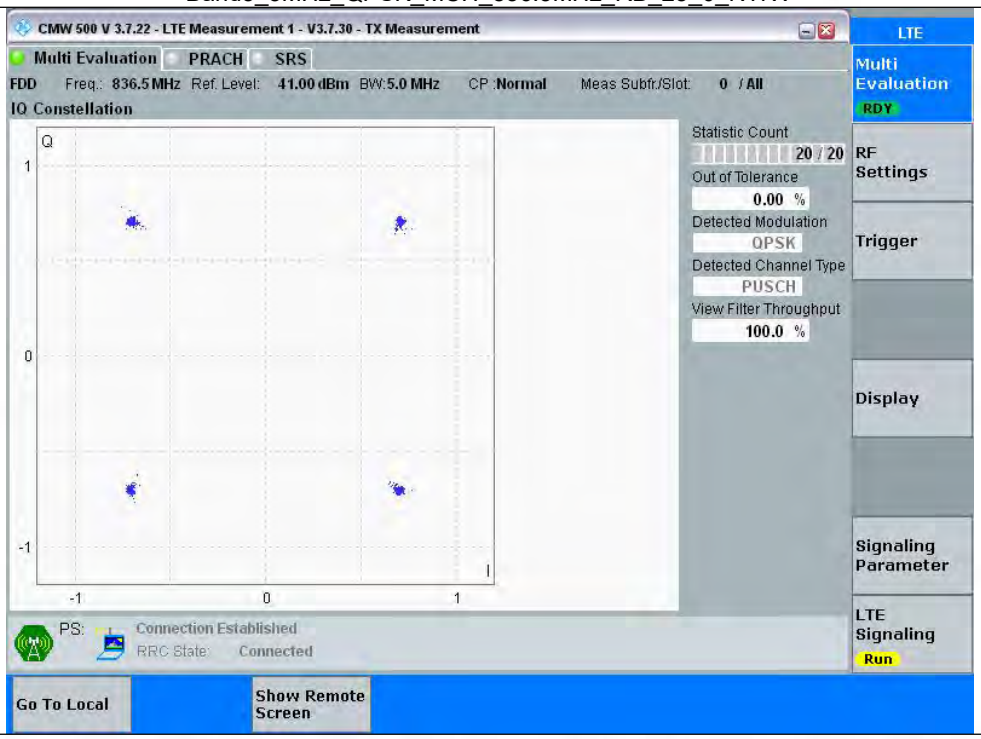
3.3 B5_5MHz

3.3.1 Test Result

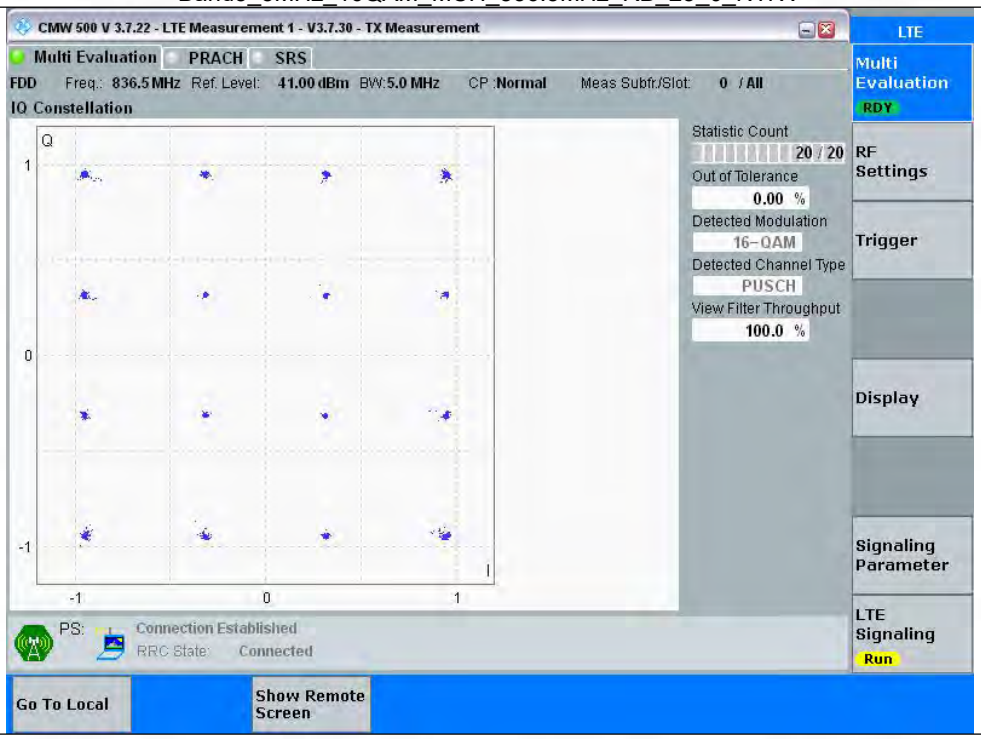
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

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



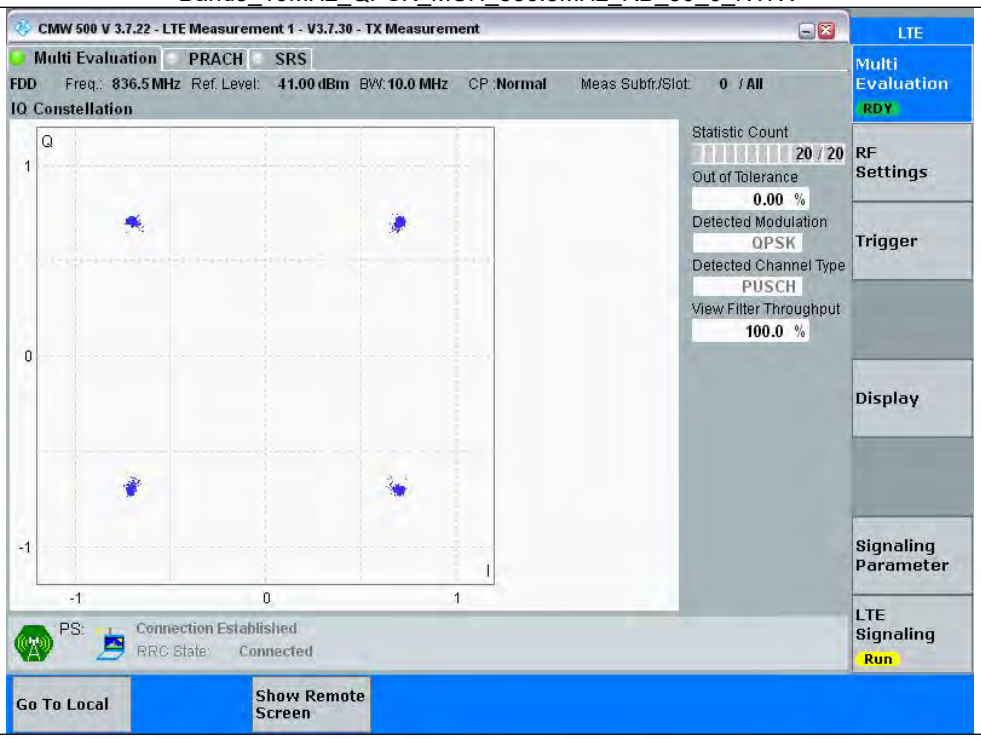
3.4 B5_10MHz

3.4.1 Test Result

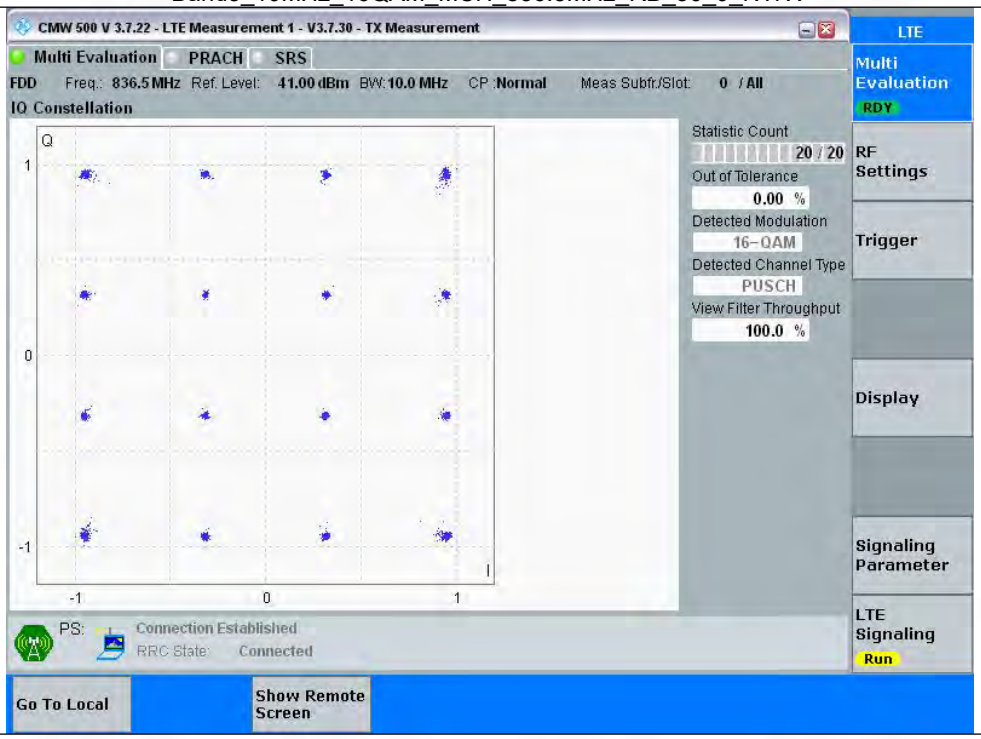
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

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

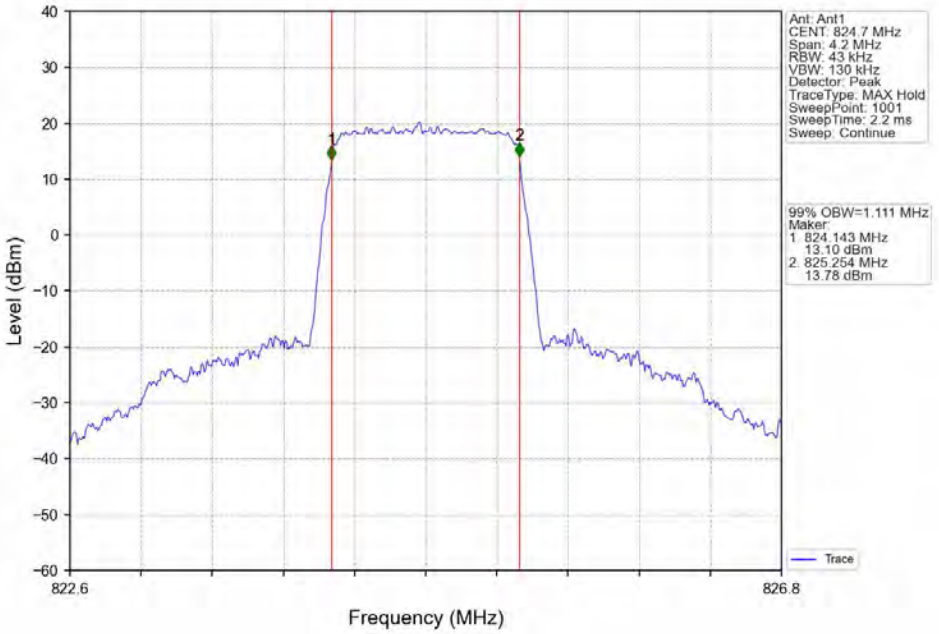
4.1 Band5_OBW

4.1.1 Test Result

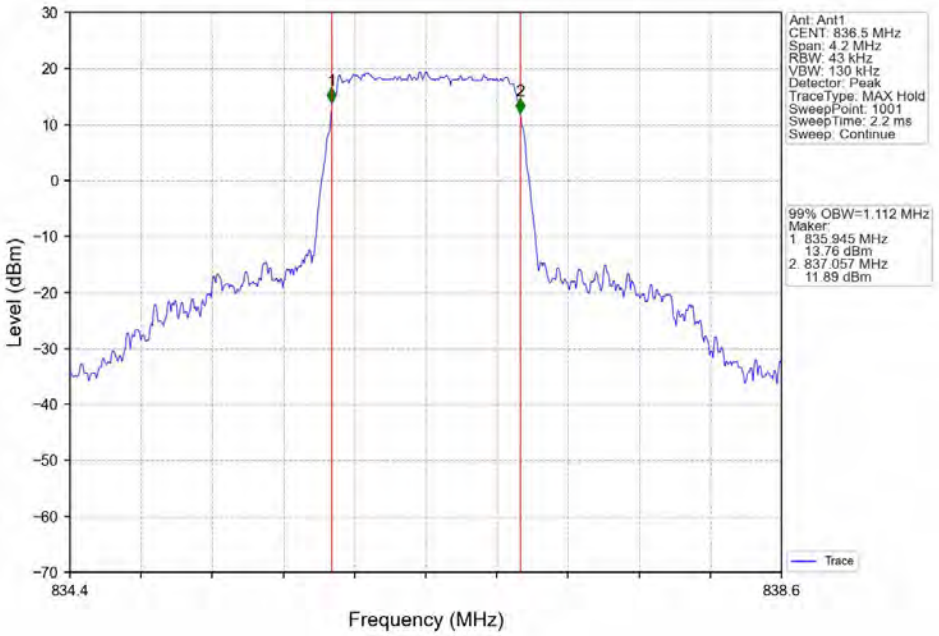
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.116	/	Pass
	16QAM	824.7	6	0	1.118	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.113	/	Pass
3	QPSK	825.5	15	0	2.761	/	Pass
		836.5	15	0	2.753	/	Pass
		847.5	15	0	2.771	/	Pass
	16QAM	825.5	15	0	2.755	/	Pass
		836.5	15	0	2.747	/	Pass
		847.5	15	0	2.744	/	Pass
5	QPSK	826.5	25	0	4.549	/	Pass
		836.5	25	0	4.540	/	Pass
		846.5	25	0	4.561	/	Pass
	16QAM	826.5	25	0	4.582	/	Pass
		836.5	25	0	4.570	/	Pass
		846.5	25	0	4.566	/	Pass
10	QPSK	829	50	0	9.083	/	Pass
		836.5	50	0	9.051	/	Pass
		844	50	0	9.064	/	Pass
	16QAM	829	50	0	9.063	/	Pass
		836.5	50	0	9.071	/	Pass
		844	50	0	9.051	/	Pass

4.1.2 Test Graph

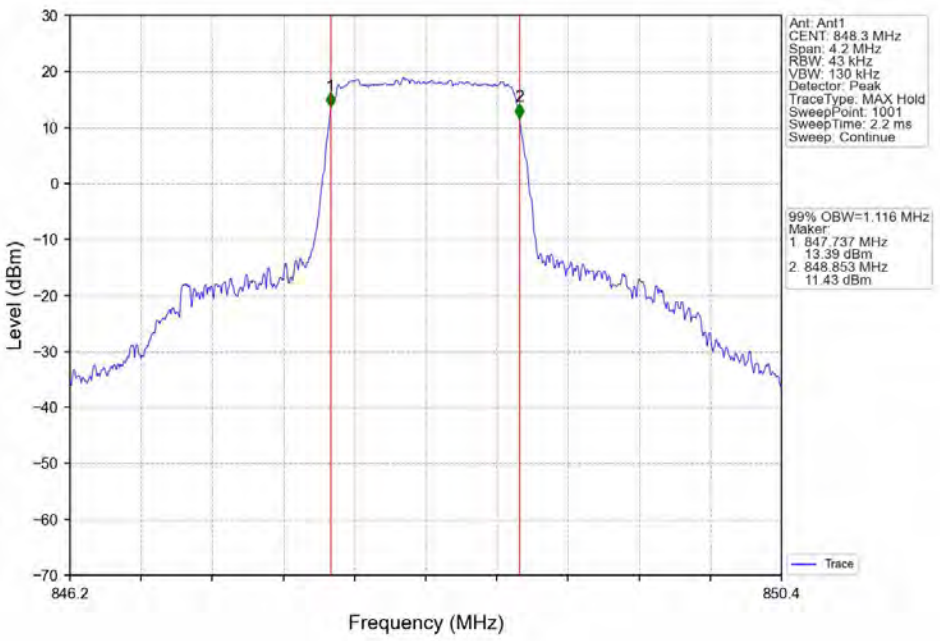
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



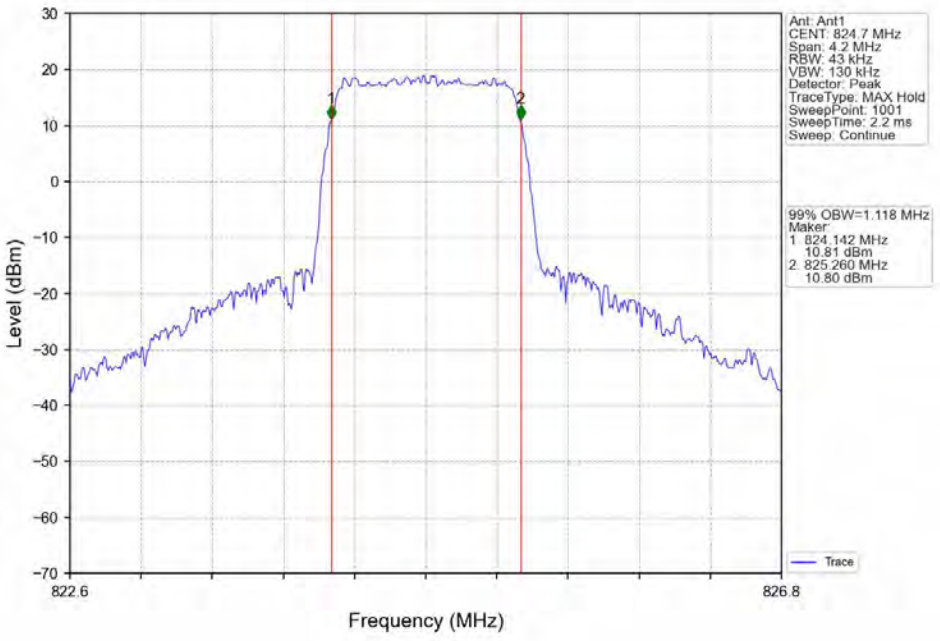
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



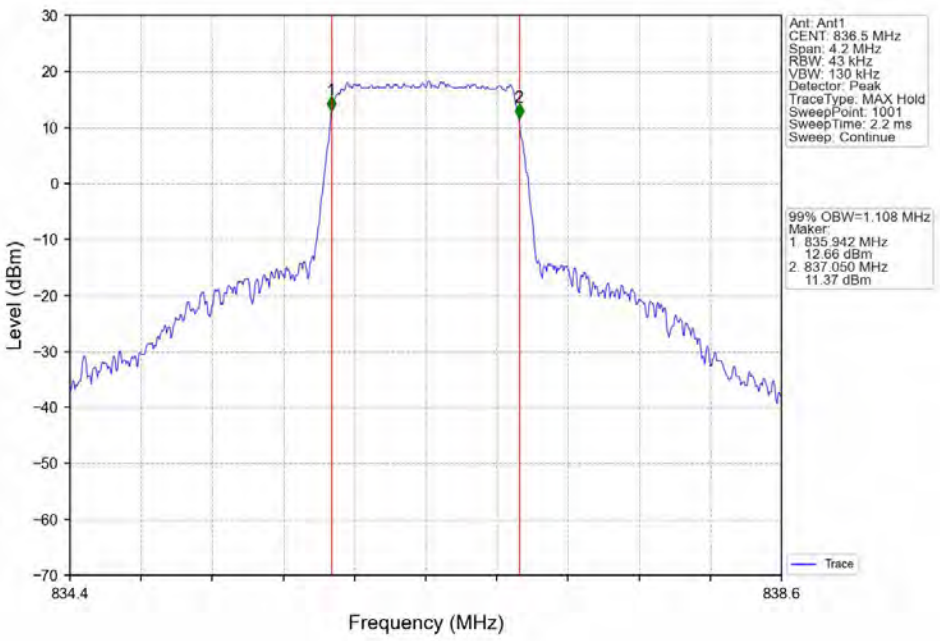
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



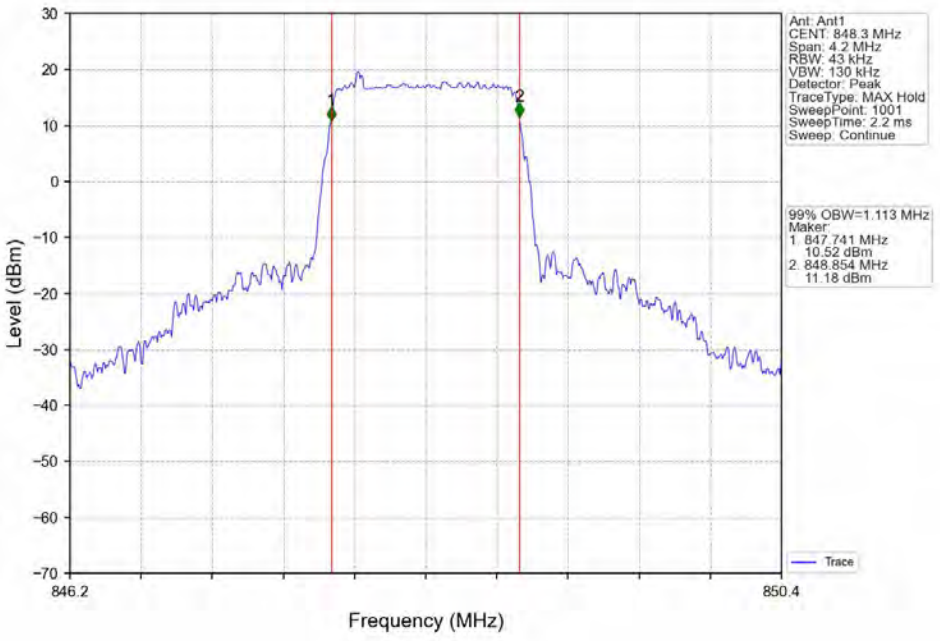
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



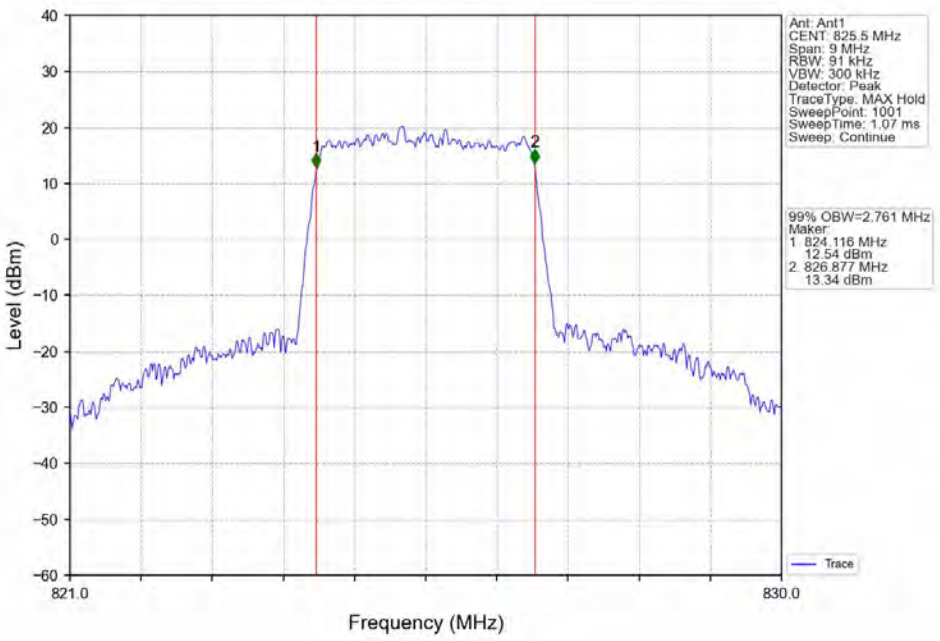
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



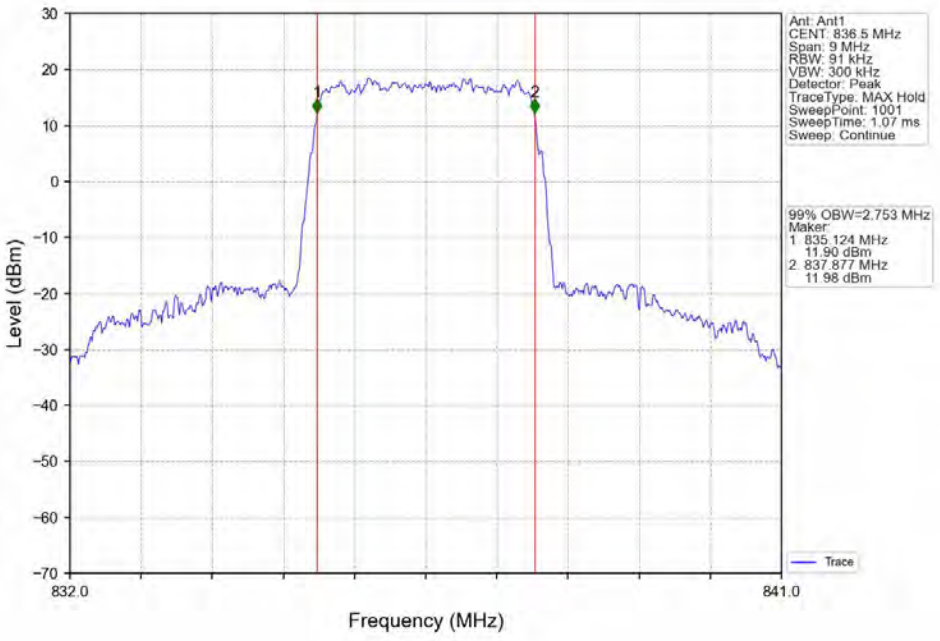
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



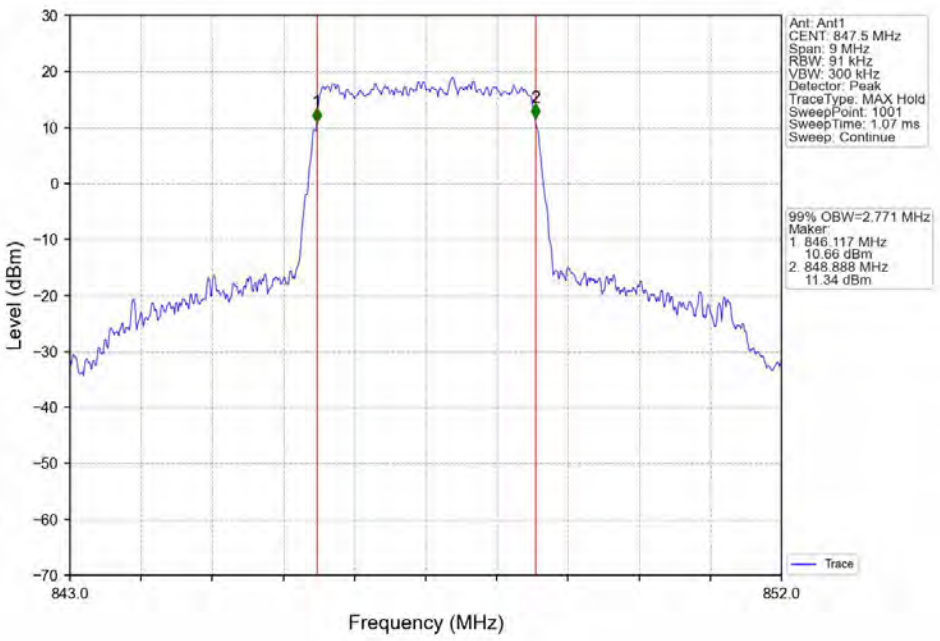
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



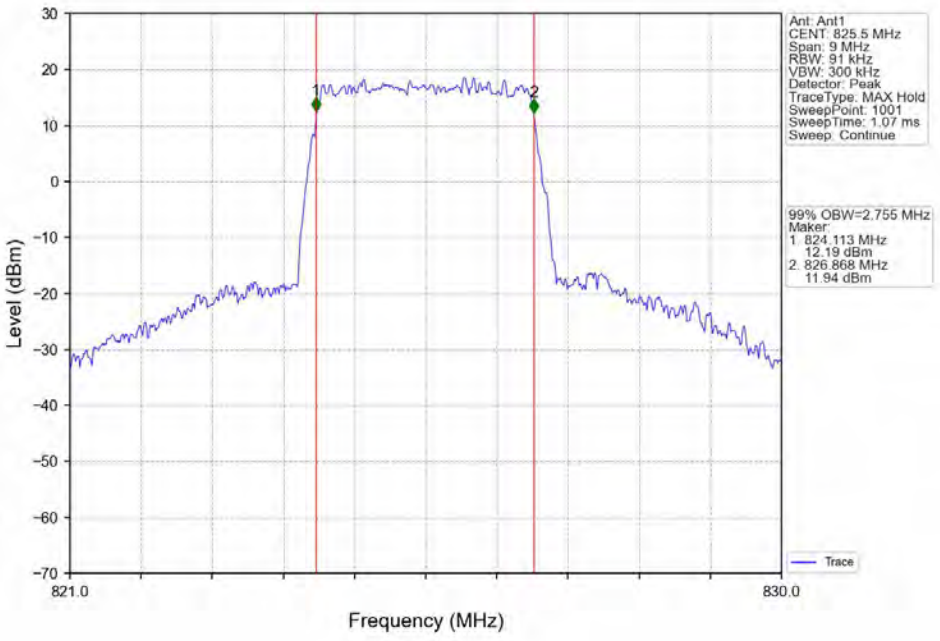
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



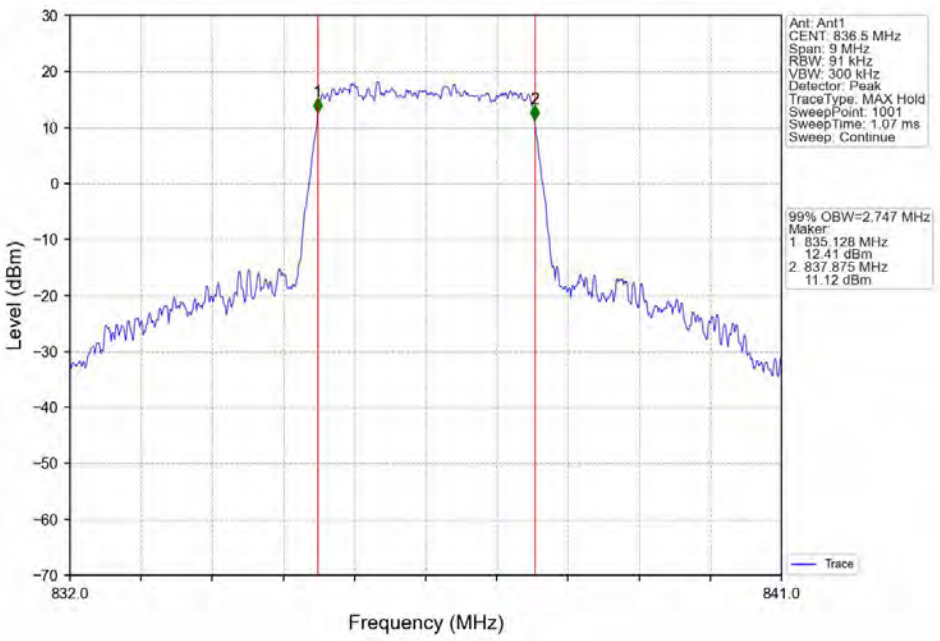
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



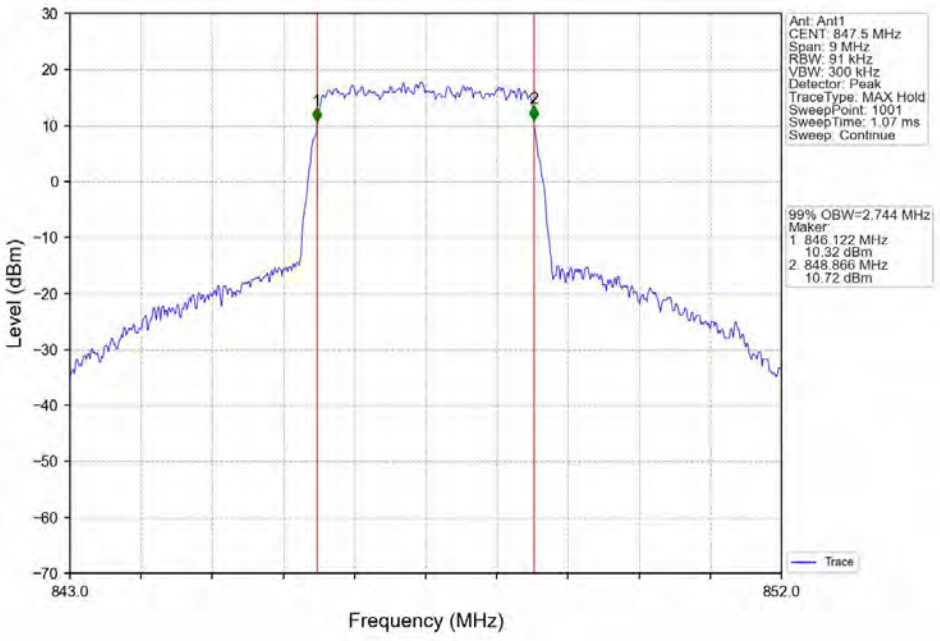
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

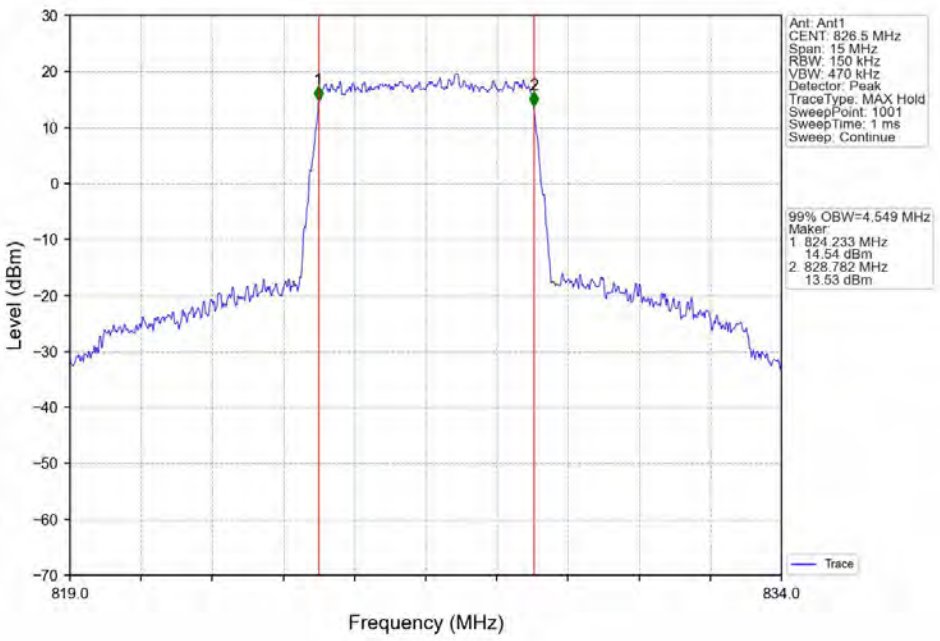
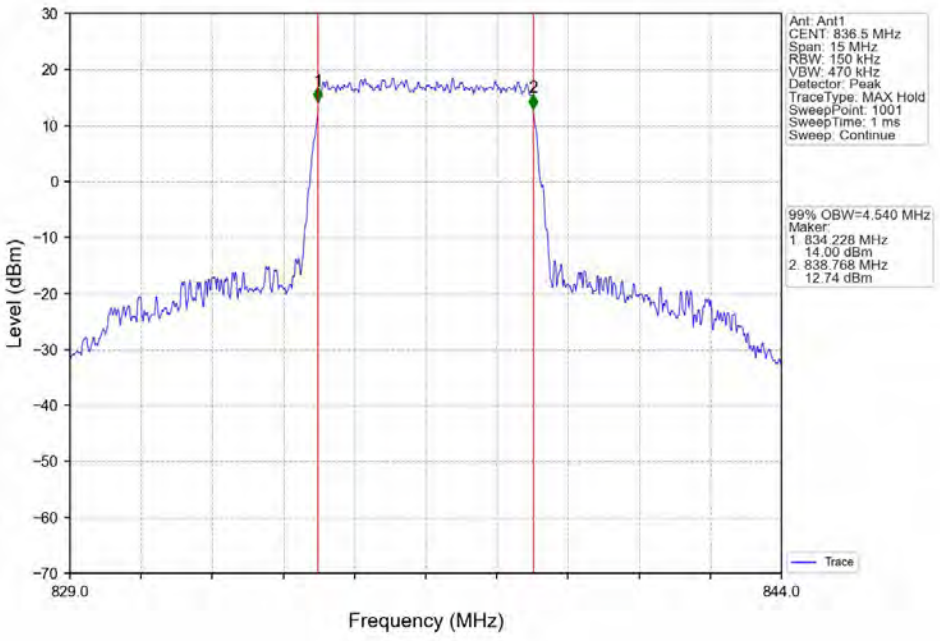


Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

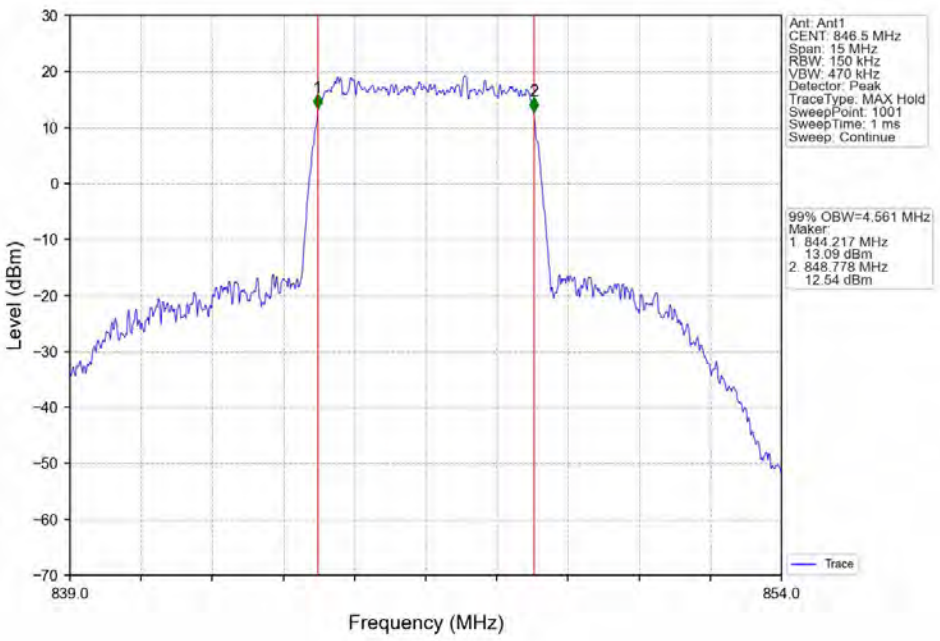


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

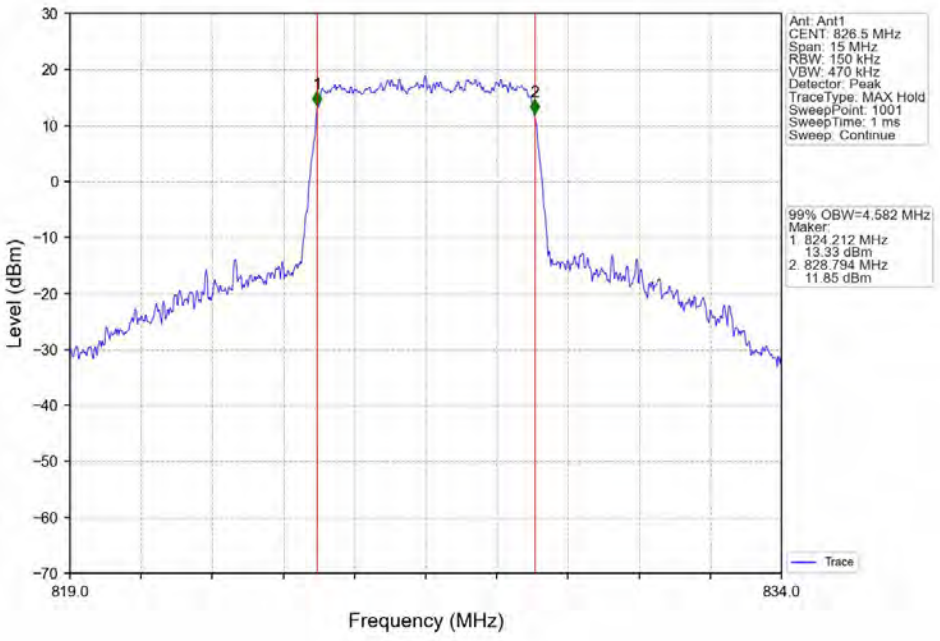


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV


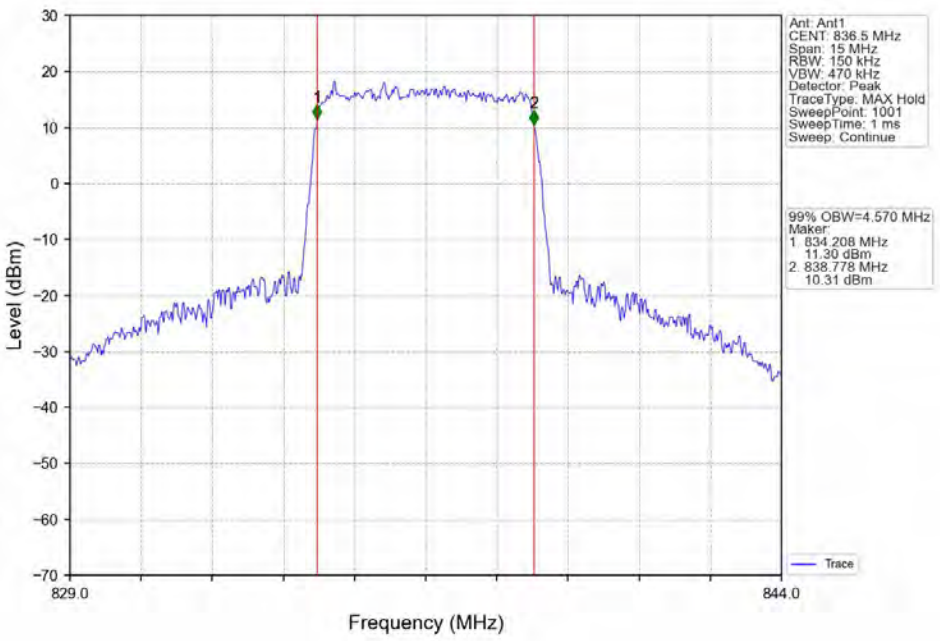
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



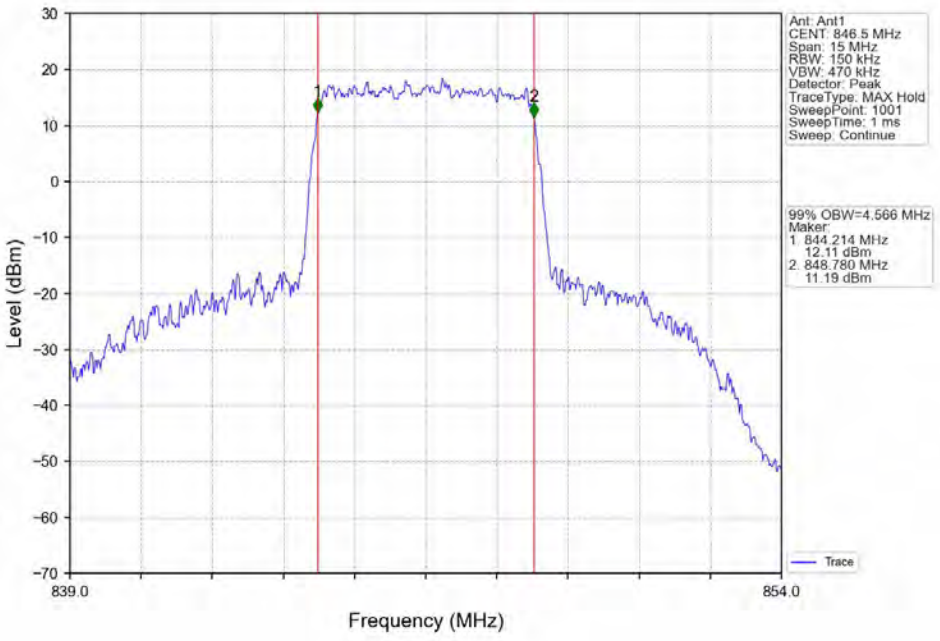
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

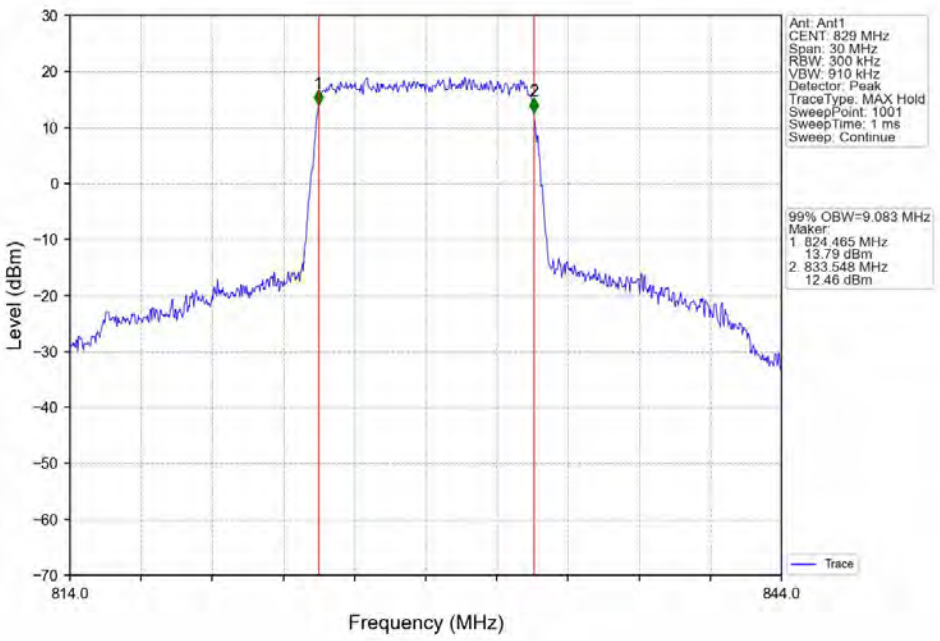
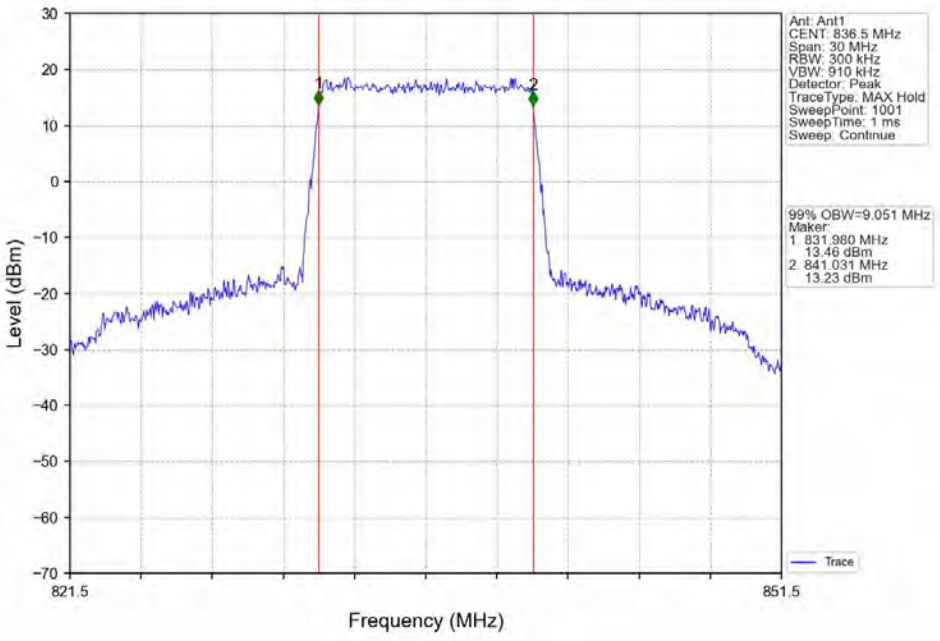


Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

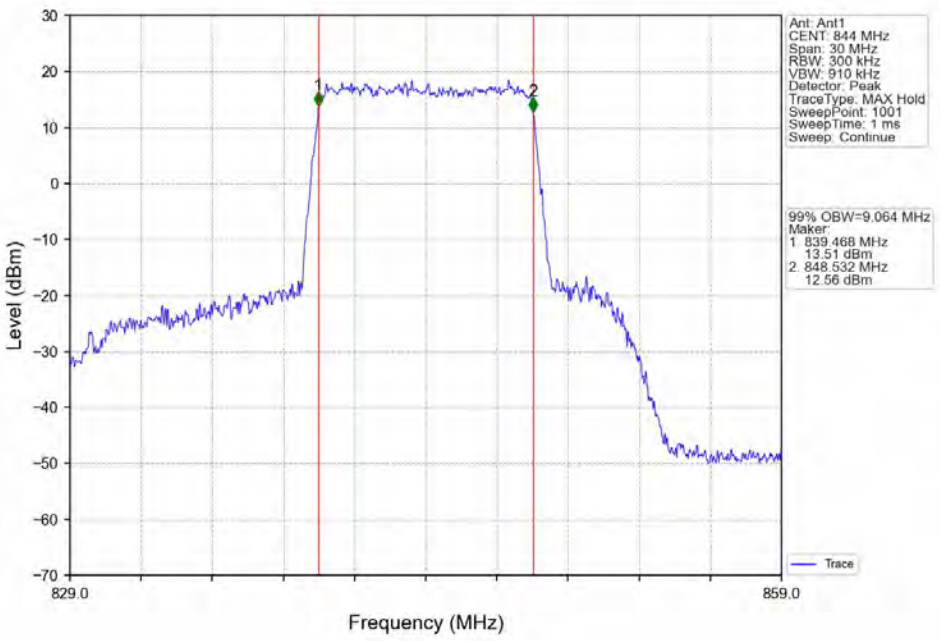


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

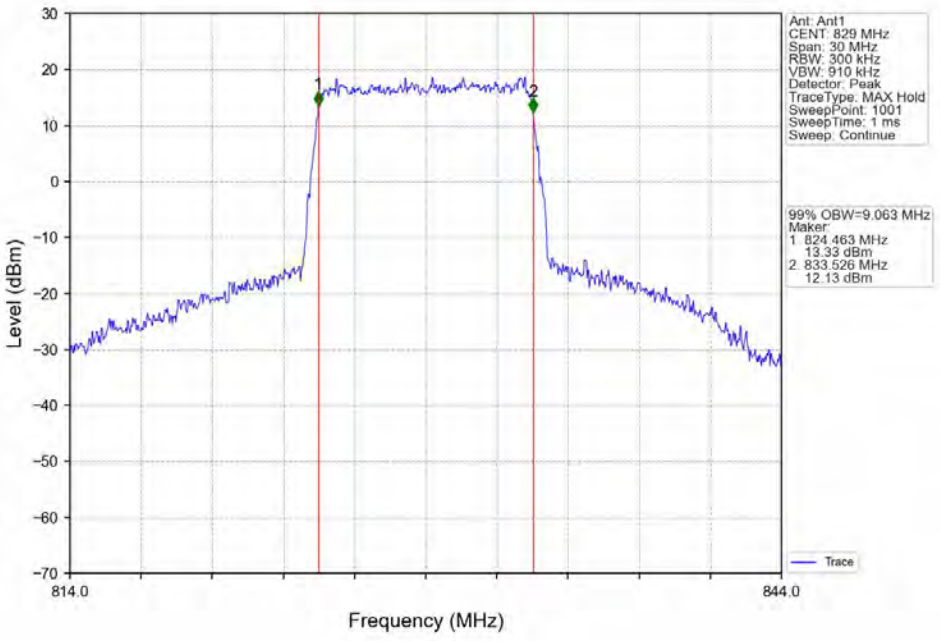


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV


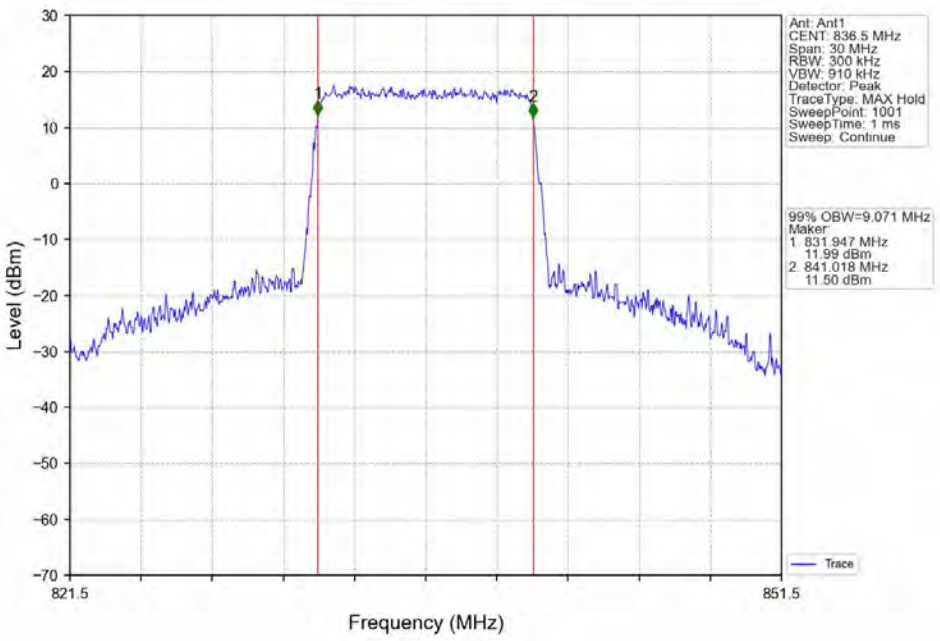
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



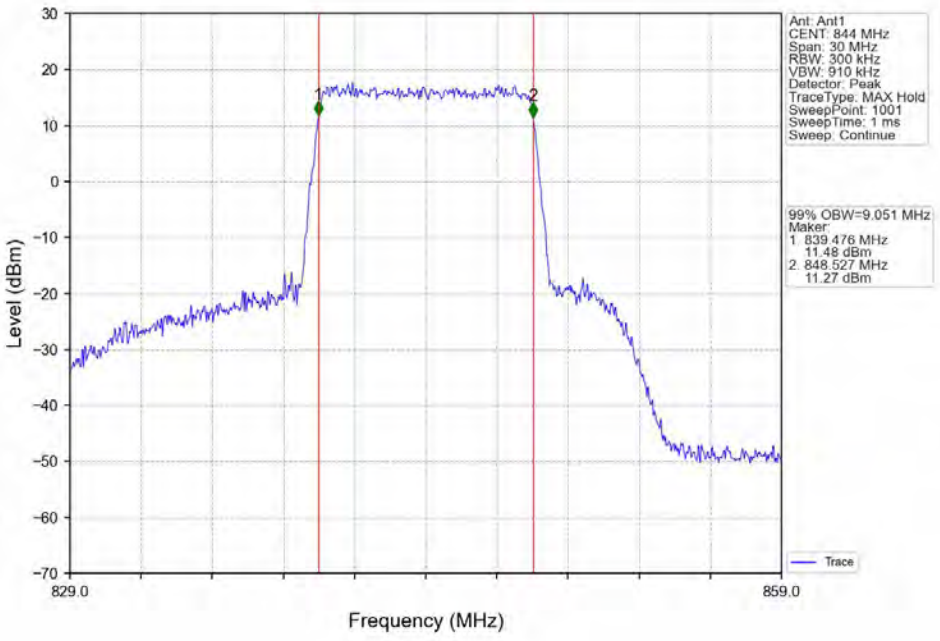
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



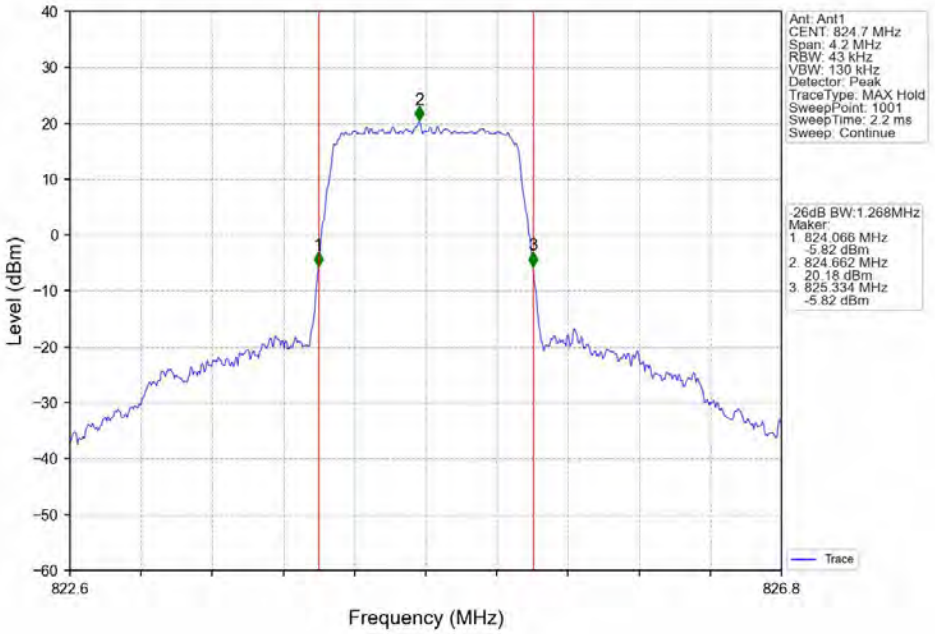
4.2 Band5_XDB

4.2.1 Test Result

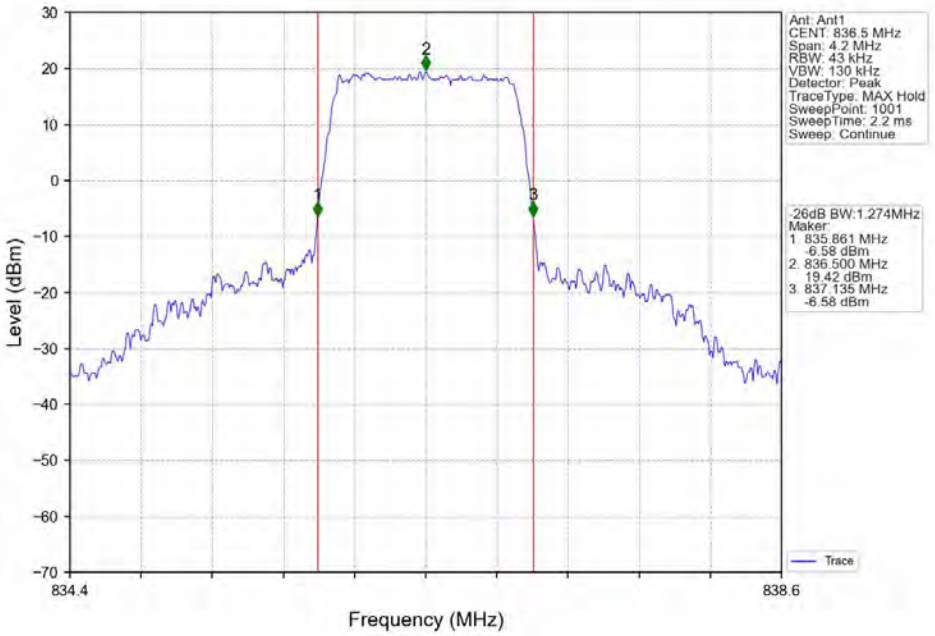
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.268	/	Pass
		836.5	6	0	1.274	/	Pass
		848.3	6	0	1.275	/	Pass
	16QAM	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.267	/	Pass
		848.3	6	0	1.265	/	Pass
3	QPSK	825.5	15	0	3.080	/	Pass
		836.5	15	0	3.104	/	Pass
		847.5	15	0	3.110	/	Pass
	16QAM	825.5	15	0	3.123	/	Pass
		836.5	15	0	3.087	/	Pass
		847.5	15	0	3.100	/	Pass
5	QPSK	826.5	25	0	5.049	/	Pass
		836.5	25	0	5.047	/	Pass
		846.5	25	0	5.053	/	Pass
	16QAM	826.5	25	0	5.072	/	Pass
		836.5	25	0	5.042	/	Pass
		846.5	25	0	5.035	/	Pass
10	QPSK	829	50	0	10.026	/	Pass
		836.5	50	0	10.070	/	Pass
		844	50	0	10.078	/	Pass
	16QAM	829	50	0	10.090	/	Pass
		836.5	50	0	10.037	/	Pass
		844	50	0	10.046	/	Pass

4.2.2 Test Graph

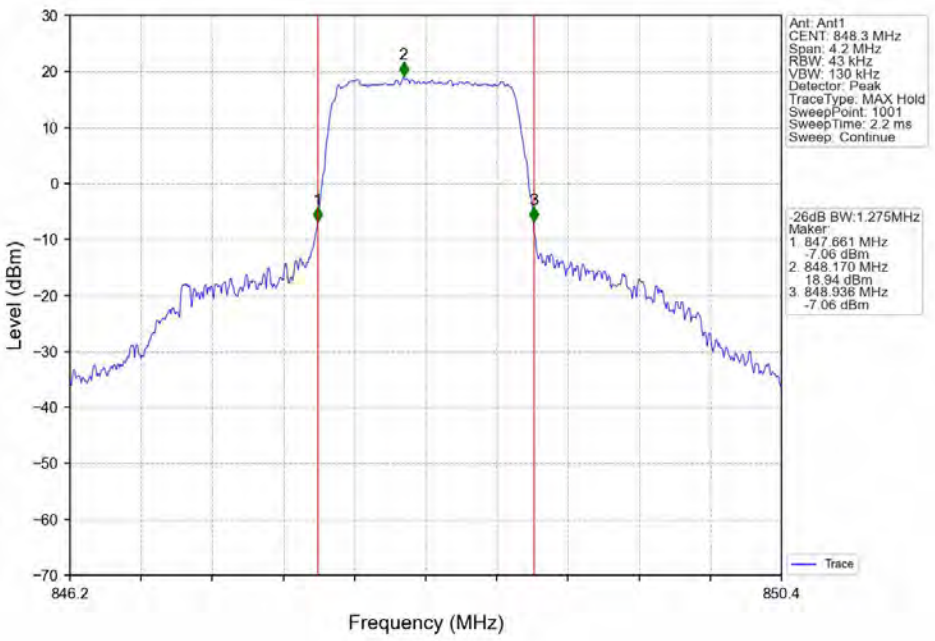
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



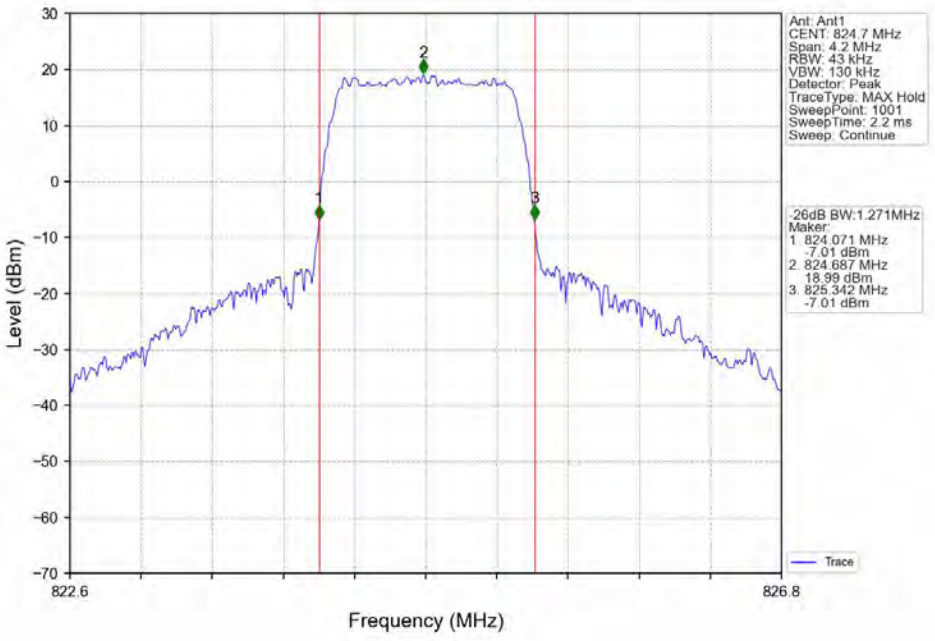
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



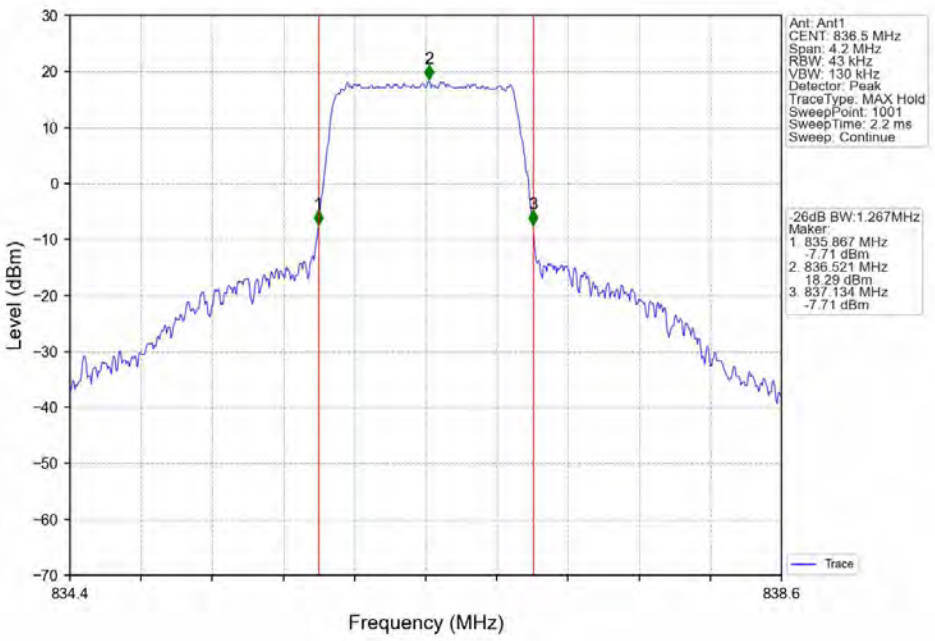
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



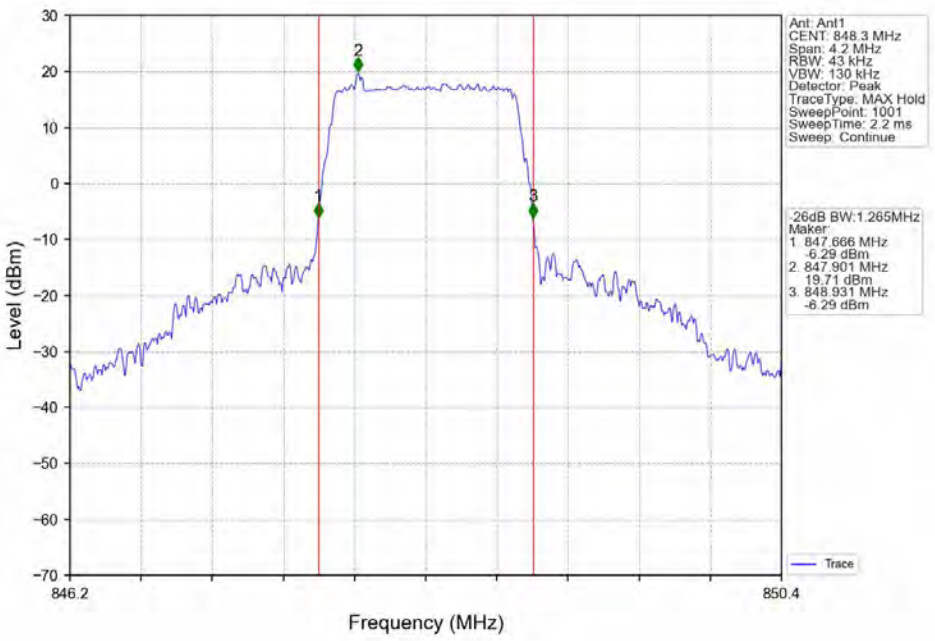
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



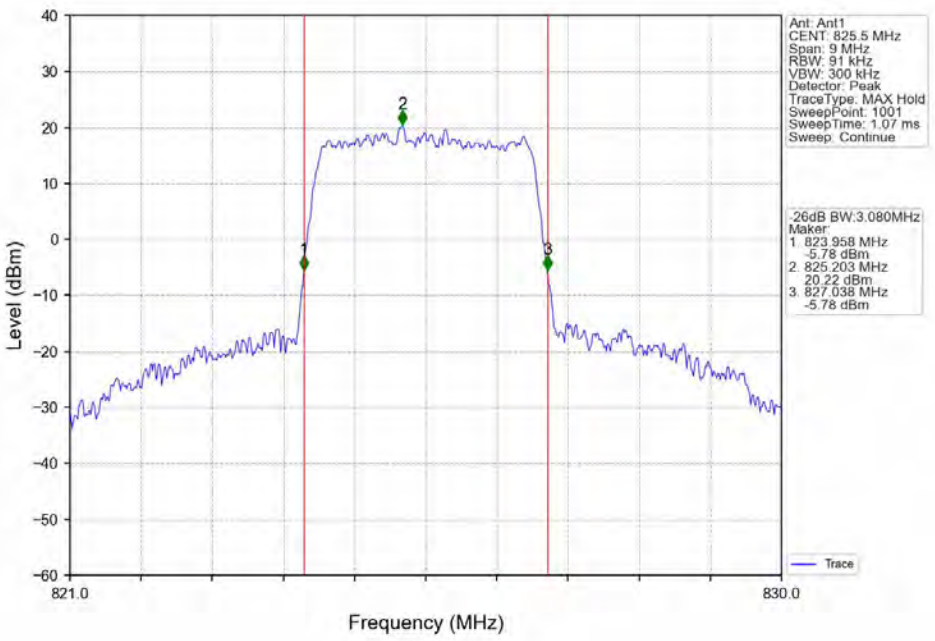
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



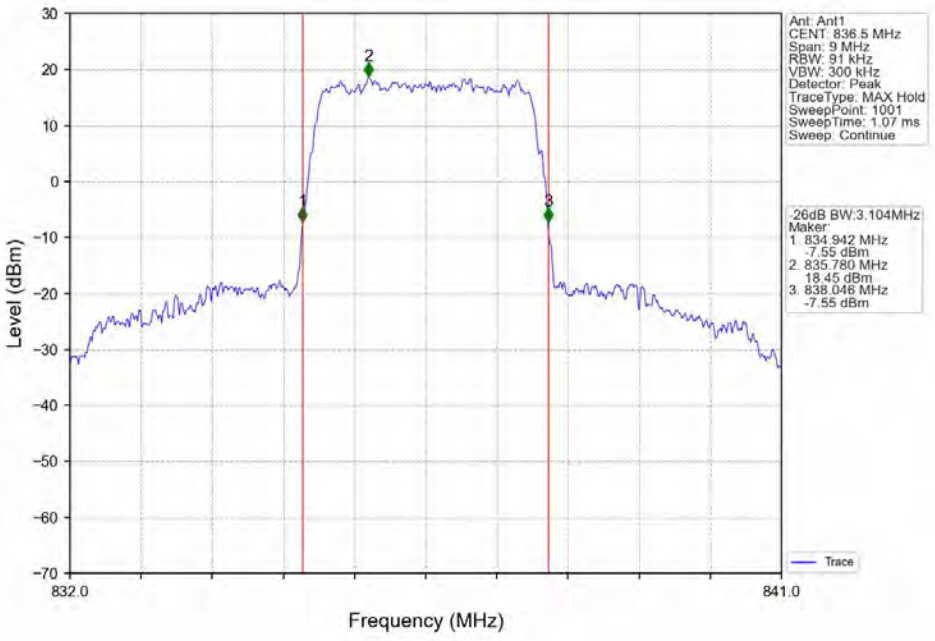
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



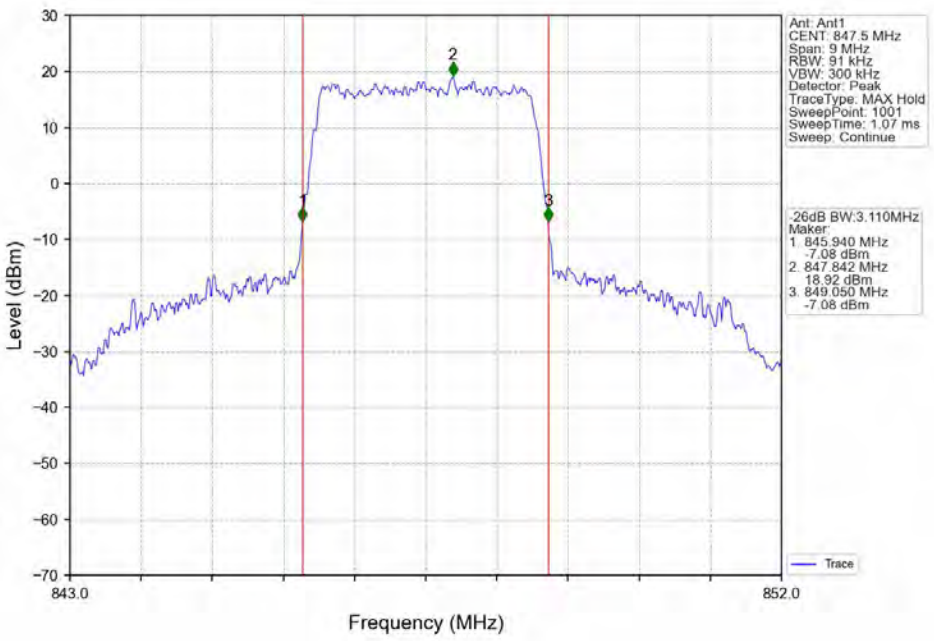
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



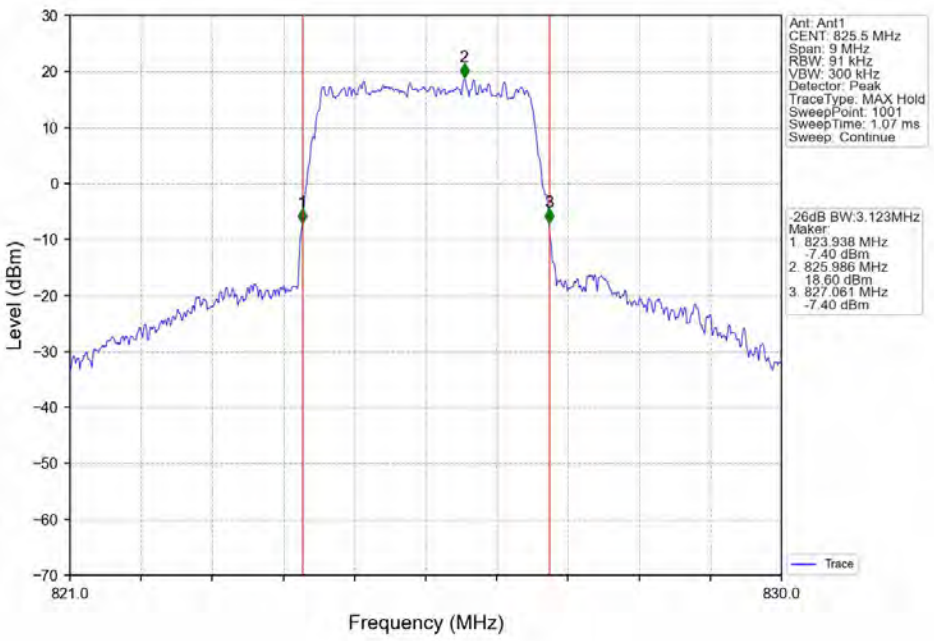
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



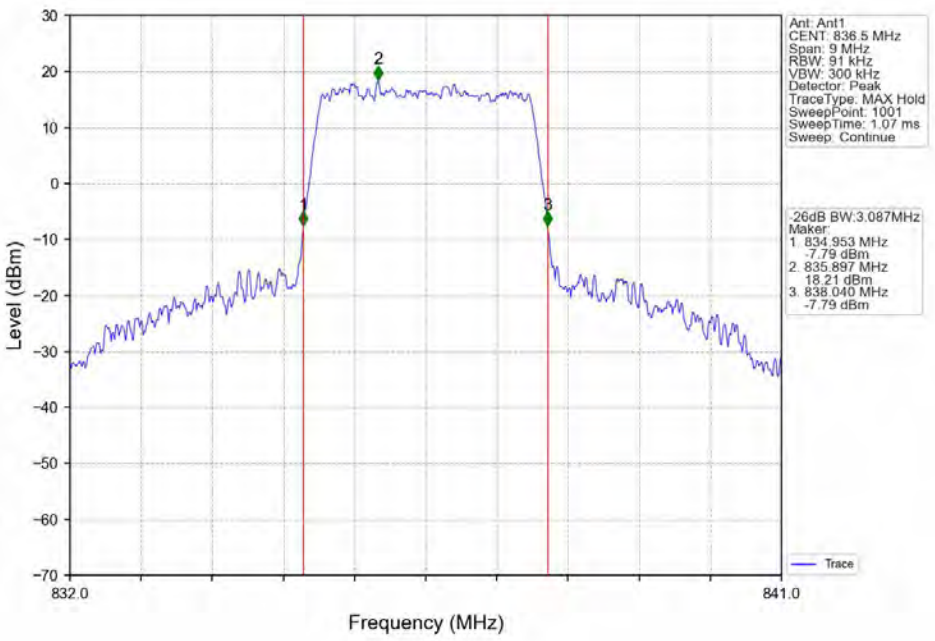
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



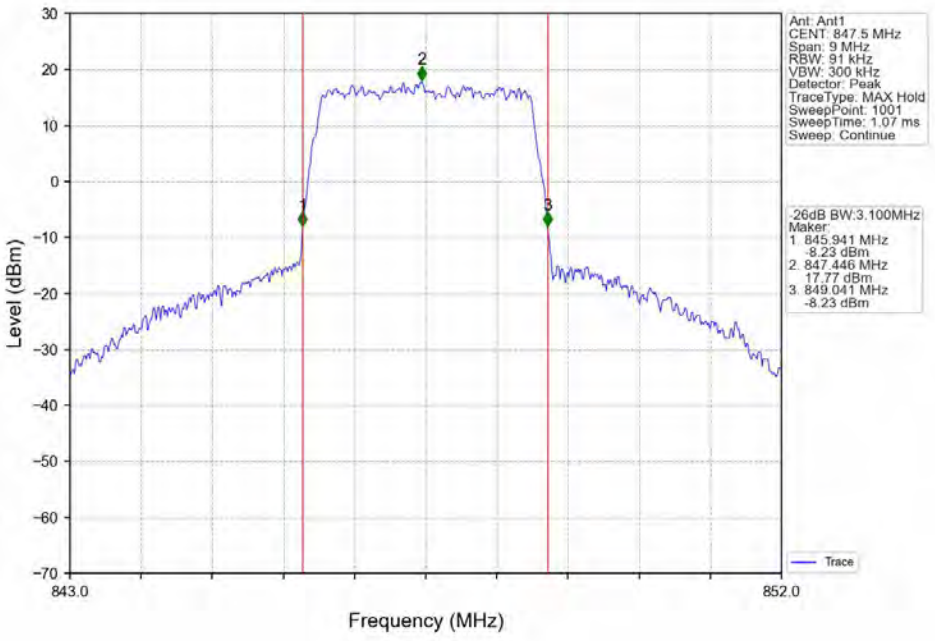
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



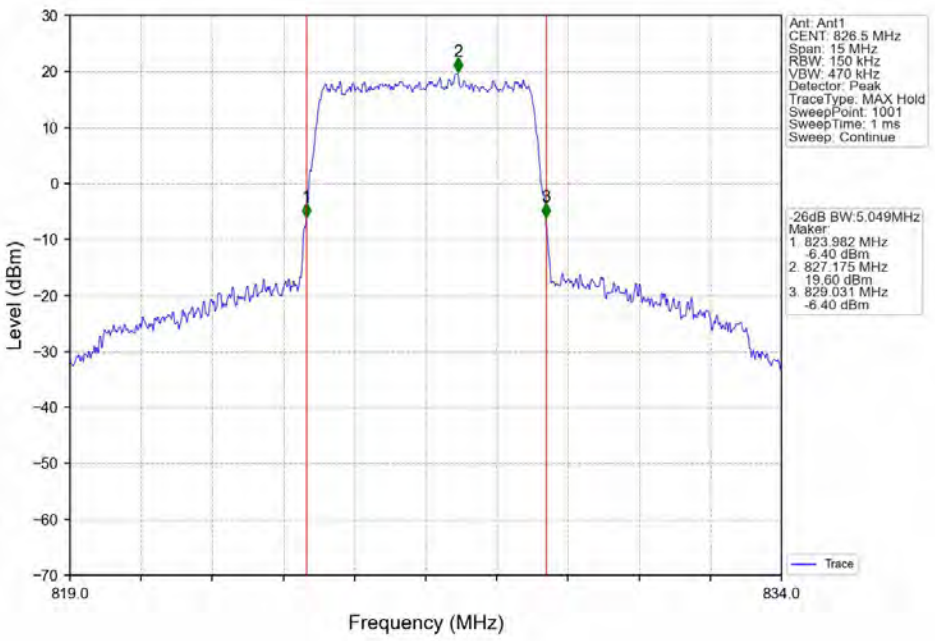
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



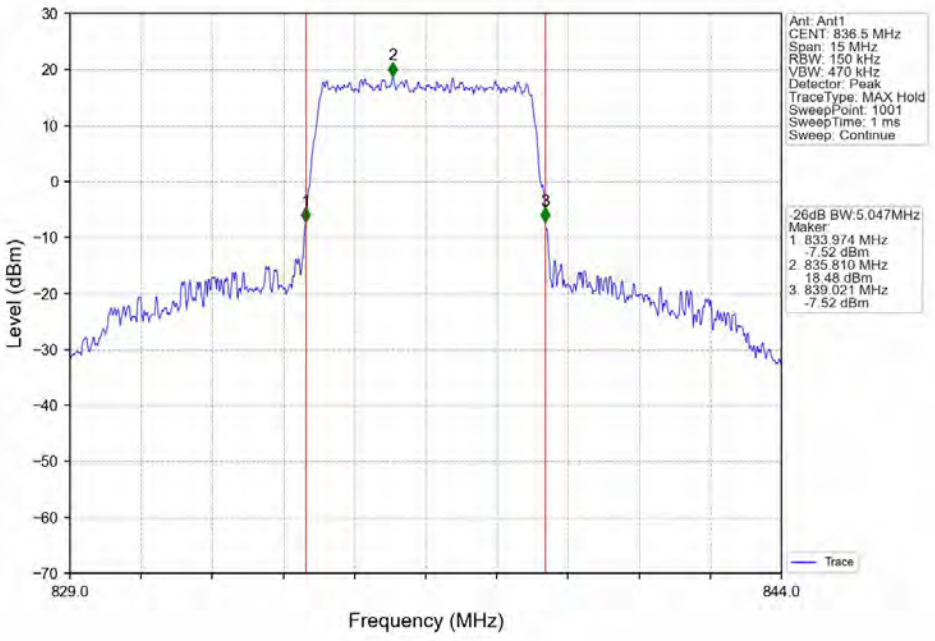
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



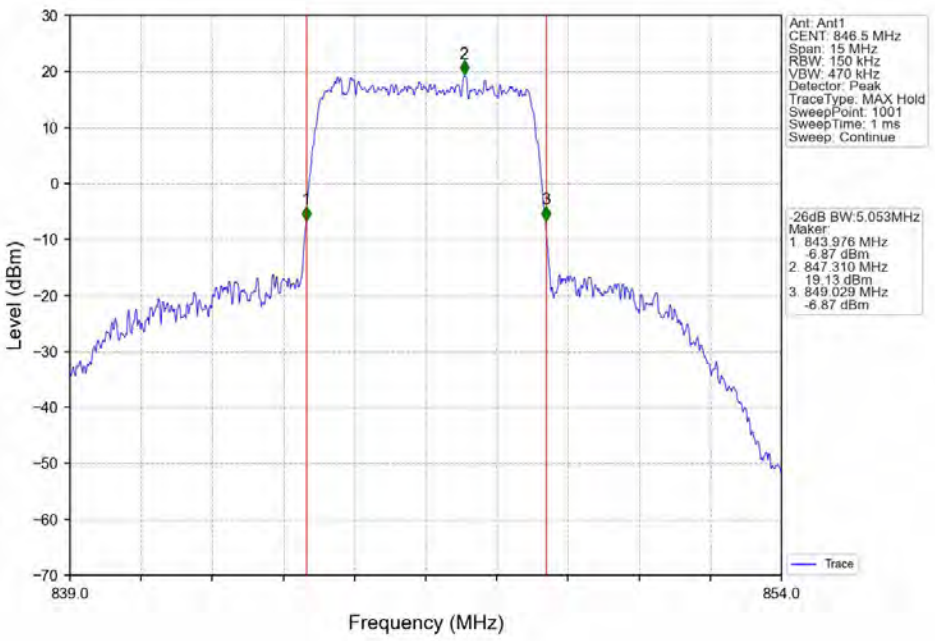
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



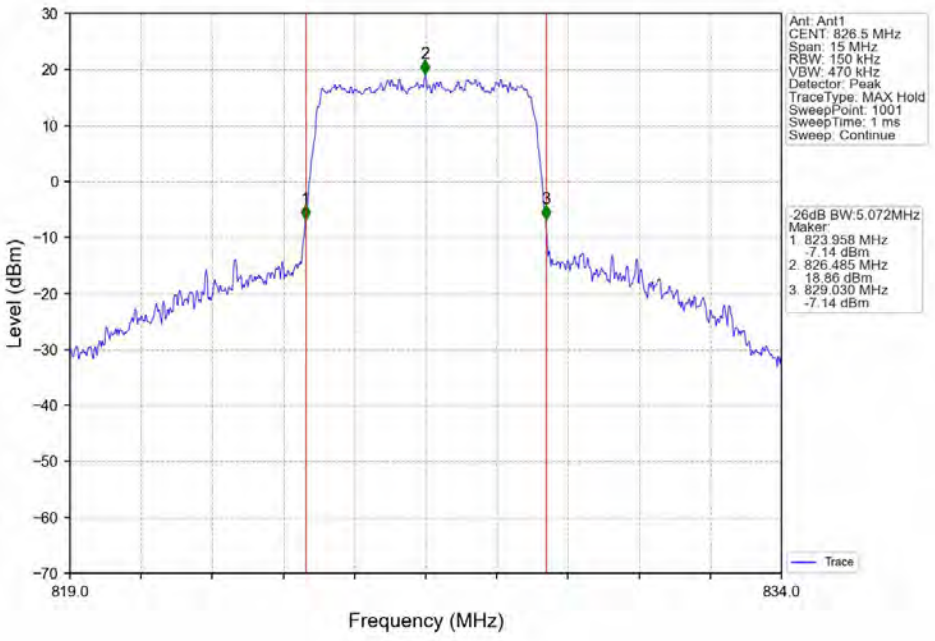
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



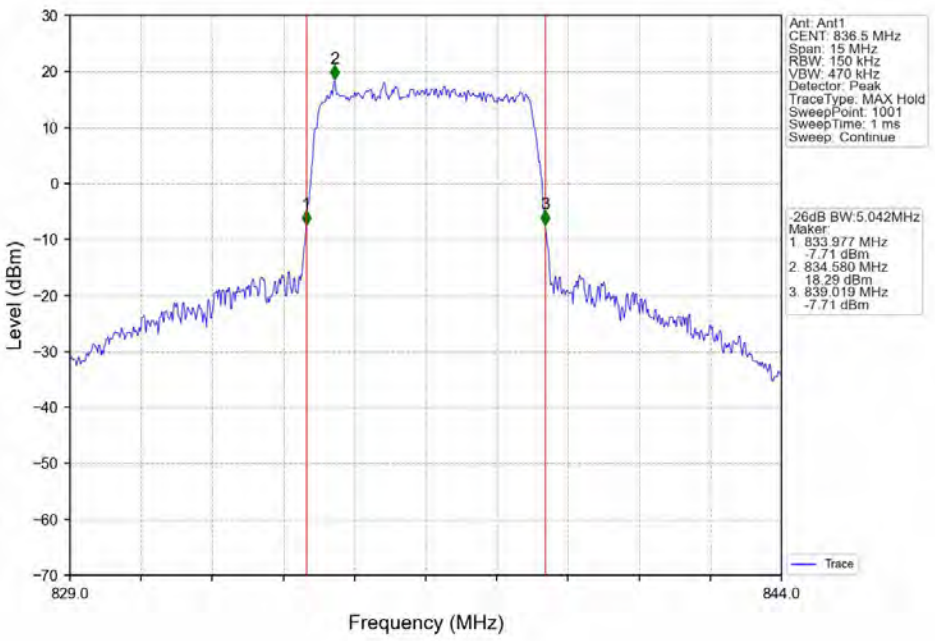
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



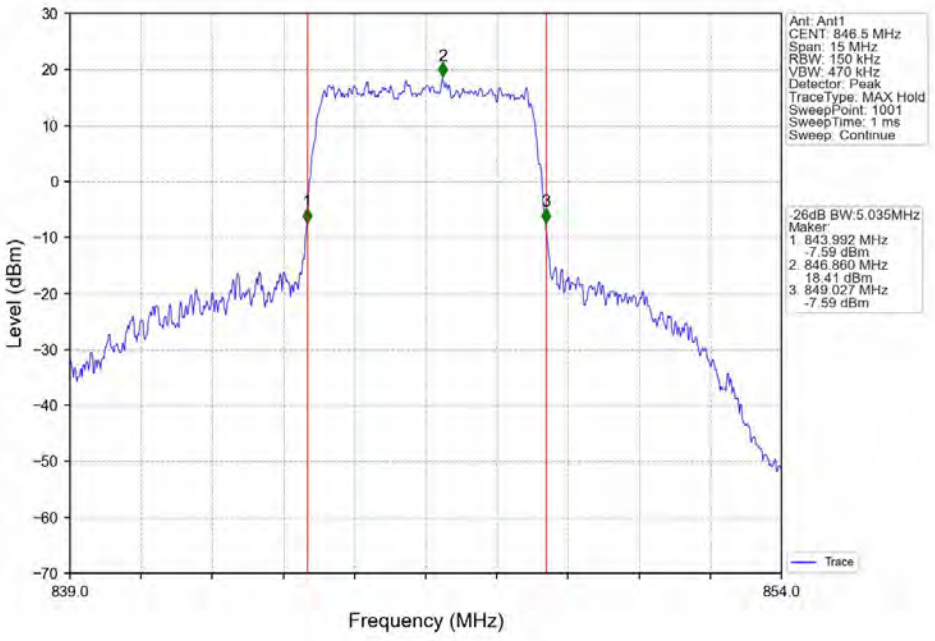
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



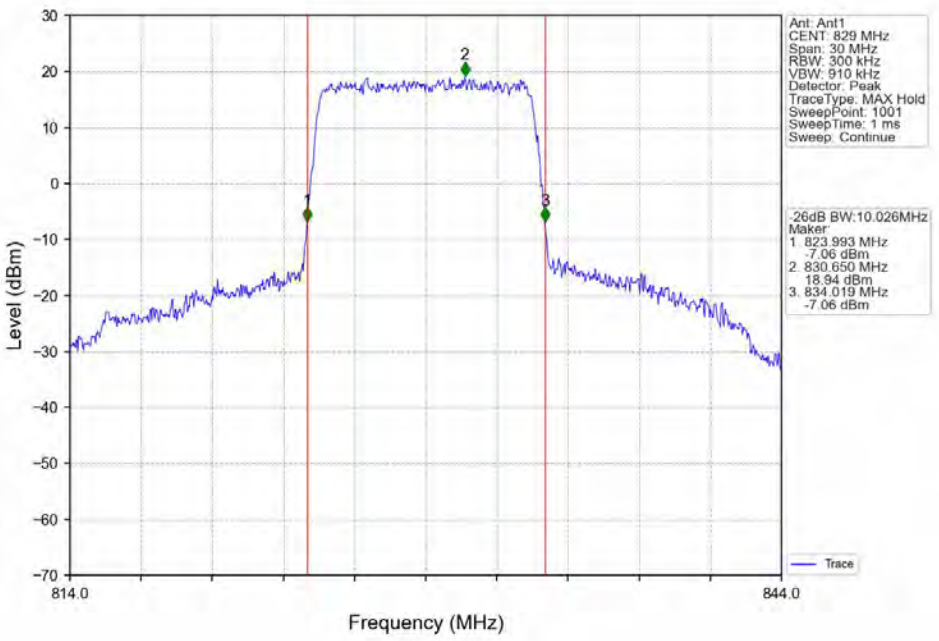
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



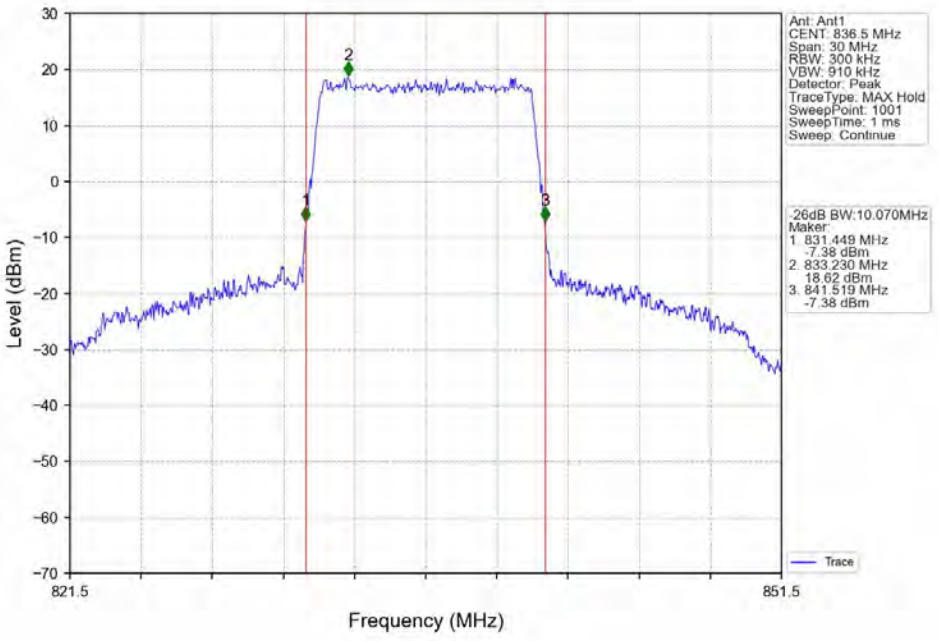
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



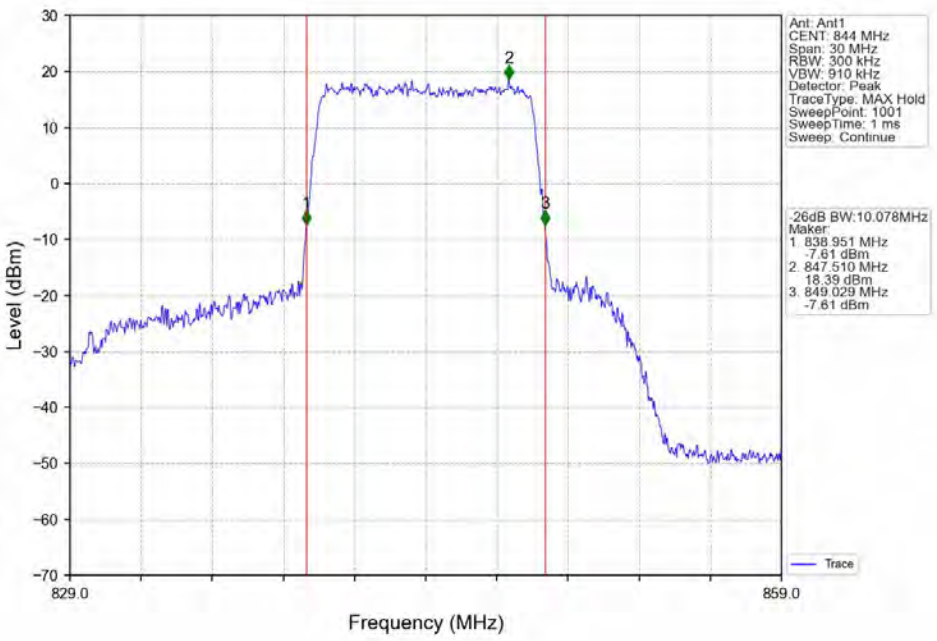
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



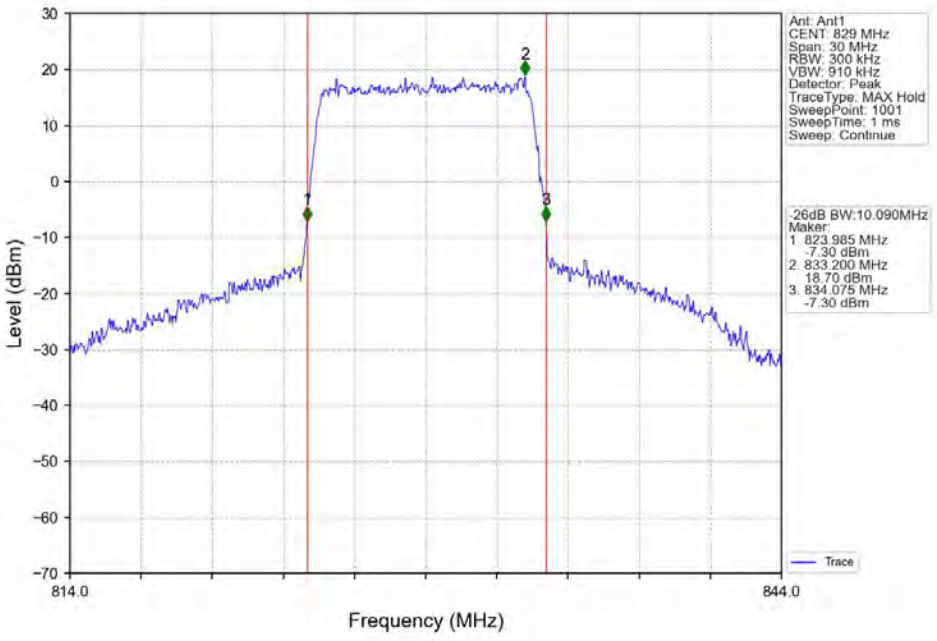
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



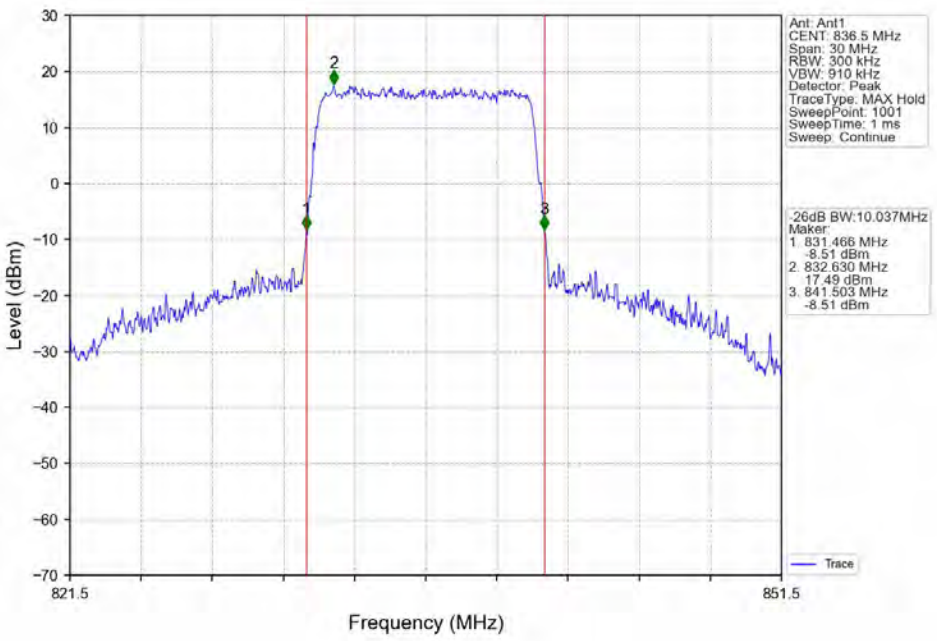
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



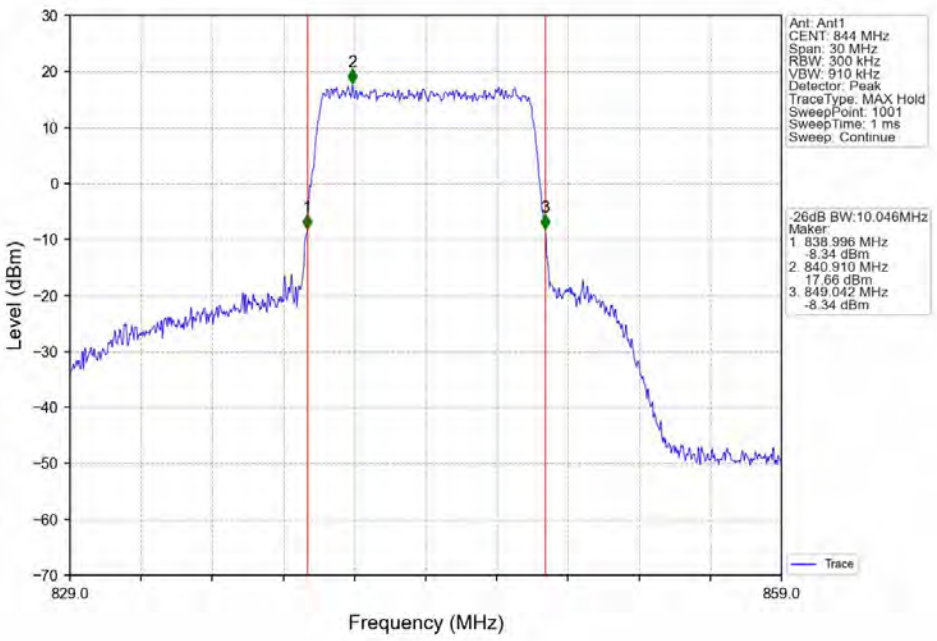
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

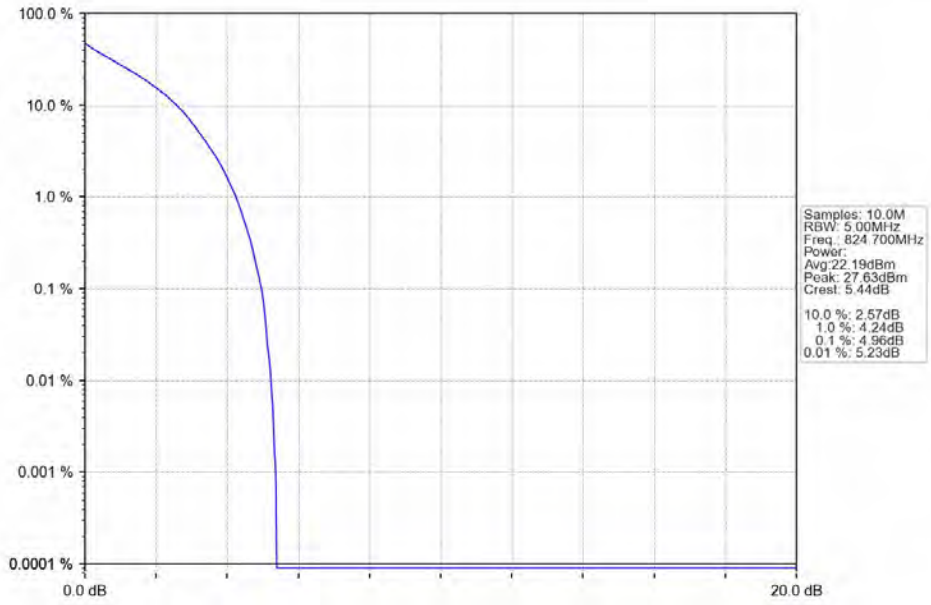
5.1 B5_1.4MHz

5.1.1 Test Result

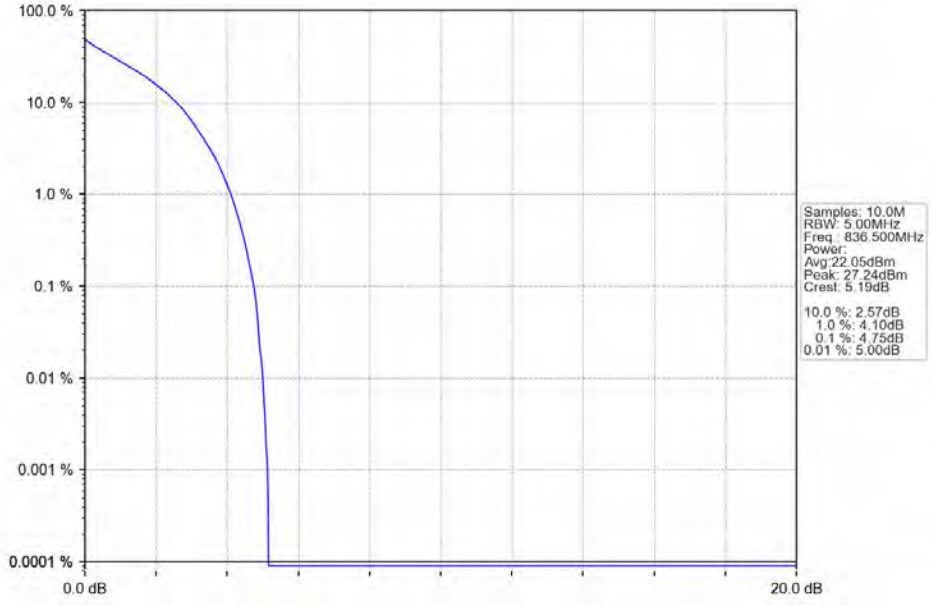
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.96	<=13	Pass
	836.5	6	0	4.75	<=13	Pass
	848.3	6	0	4.63	<=13	Pass
16QAM	824.7	6	0	5.65	<=13	Pass
	836.5	6	0	5.50	<=13	Pass
	848.3	6	0	5.54	<=13	Pass

5.1.2 Test Graph

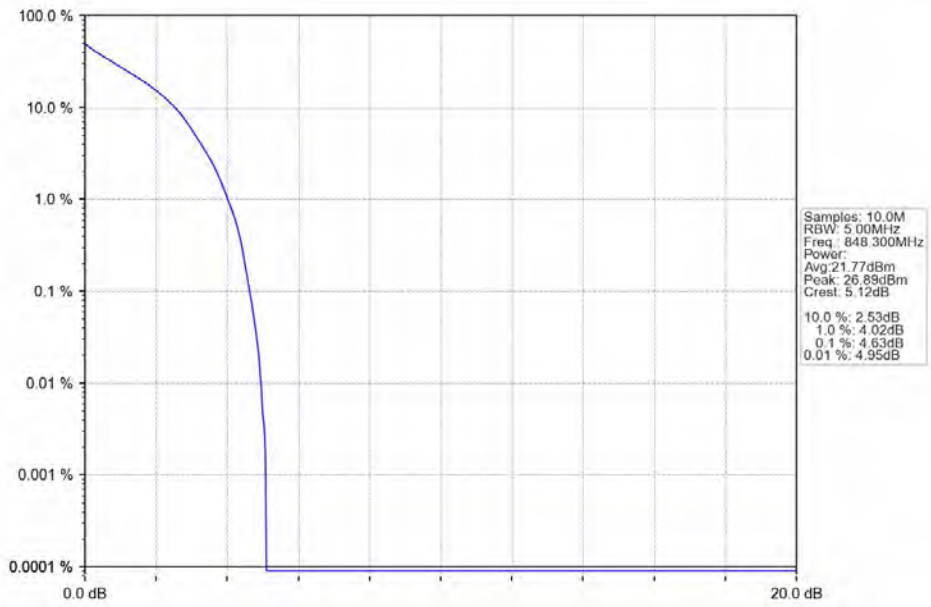
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



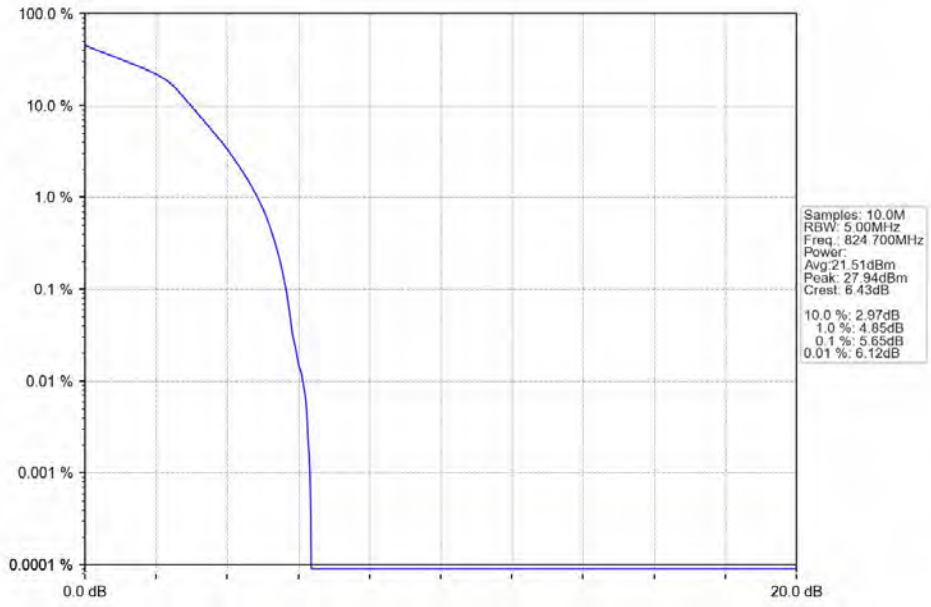
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



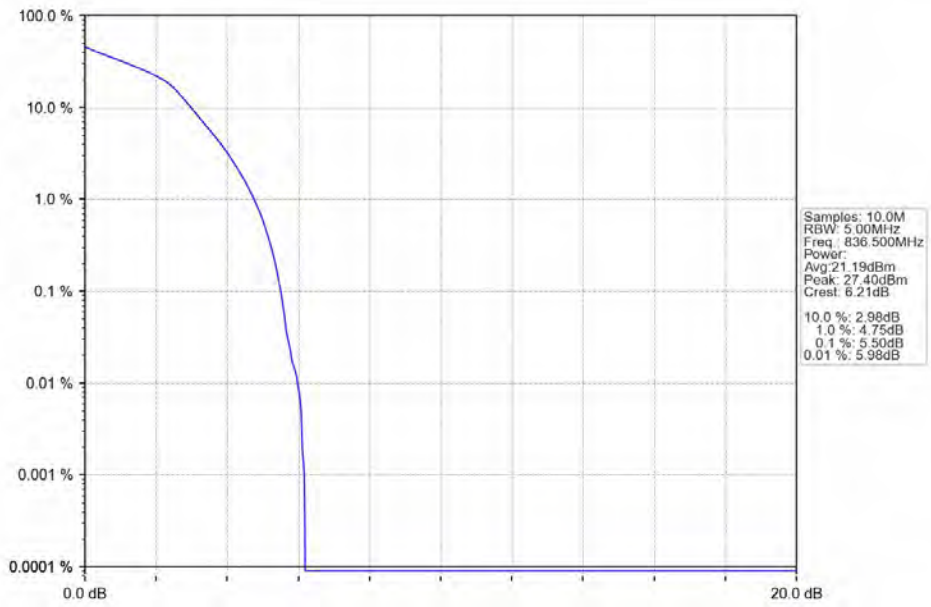
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



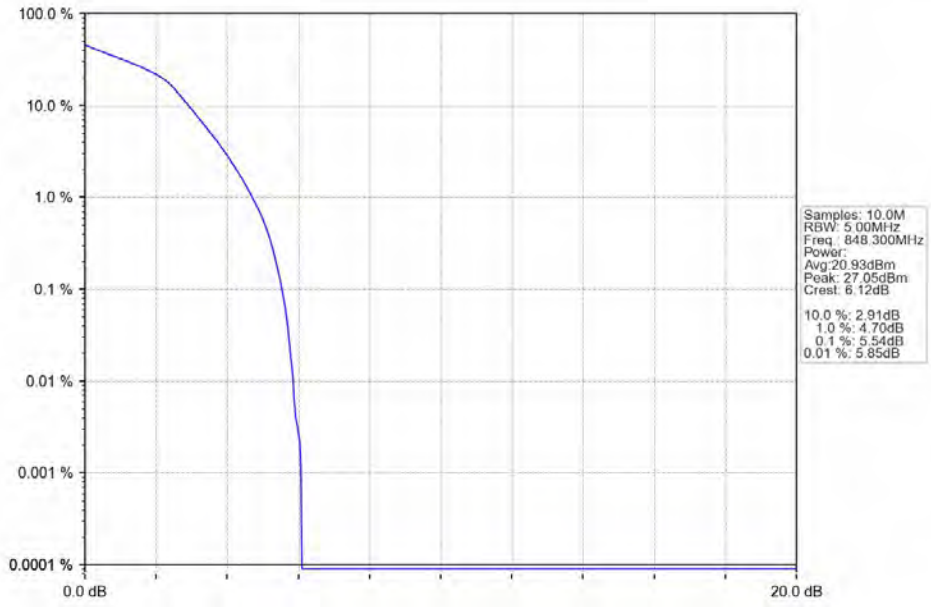
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



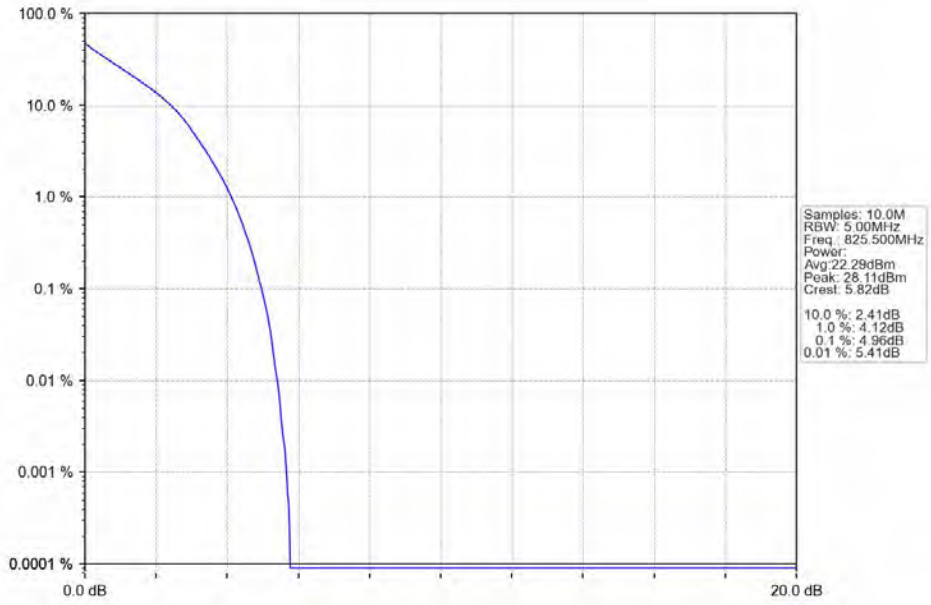
5.2 B5_3MHz

5.2.1 Test Result

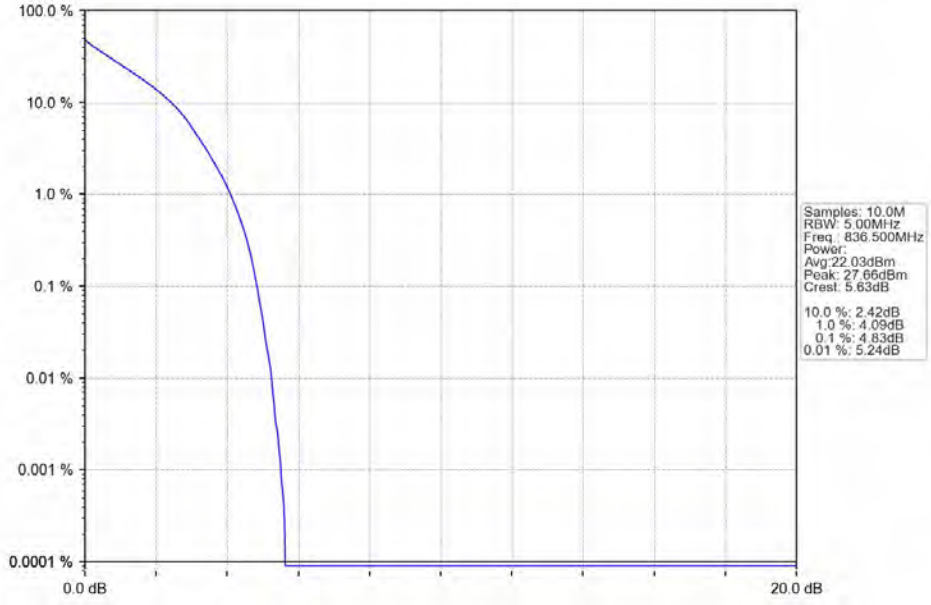
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.96	<=13	Pass
	836.5	15	0	4.83	<=13	Pass
	847.5	15	0	4.90	<=13	Pass
16QAM	825.5	15	0	5.76	<=13	Pass
	836.5	15	0	5.66	<=13	Pass
	847.5	15	0	5.79	<=13	Pass

5.2.2 Test Graph

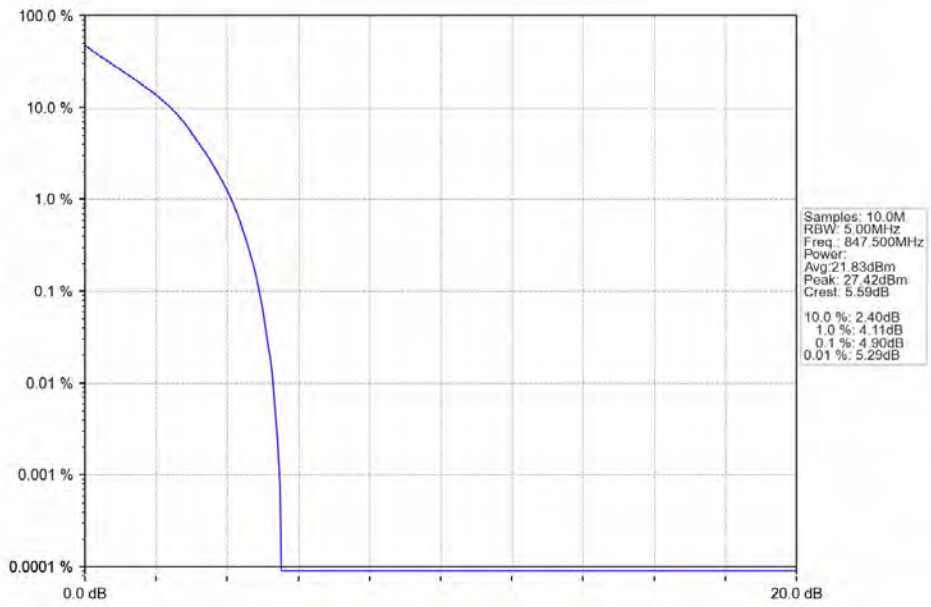
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



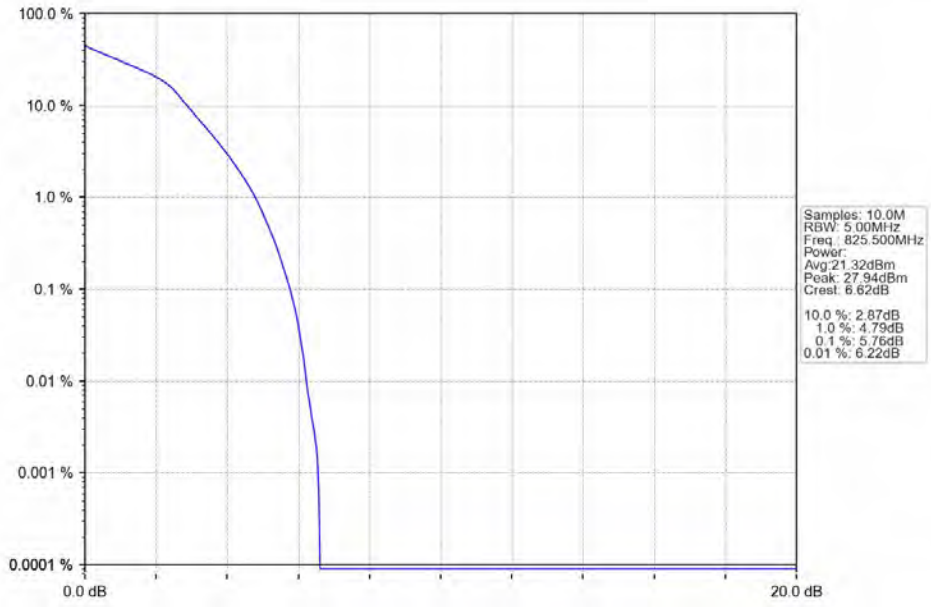
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



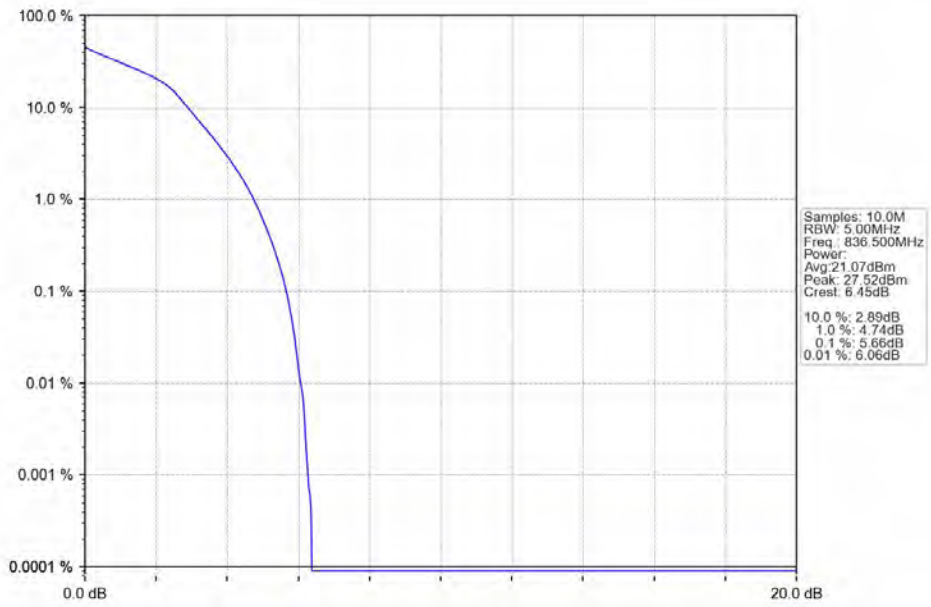
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



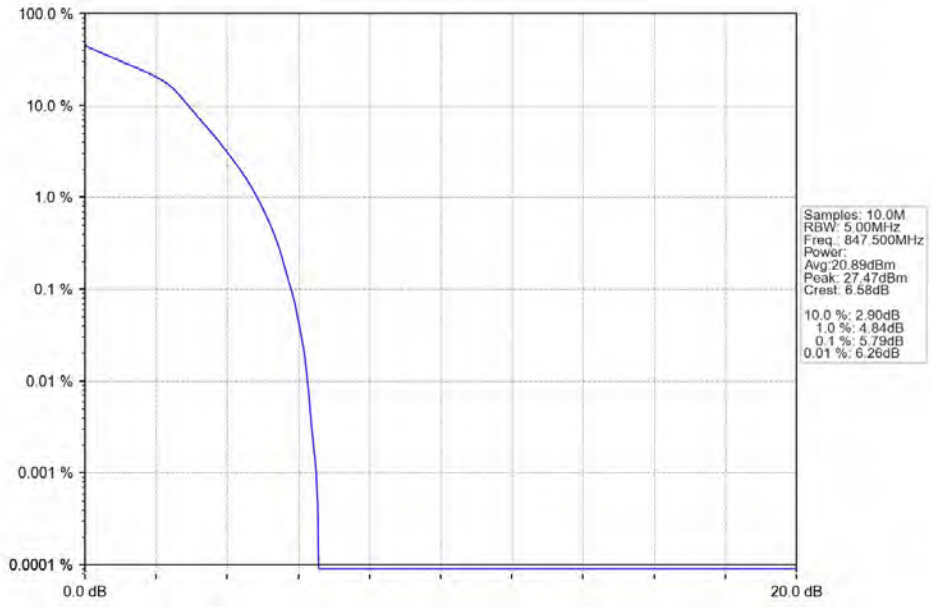
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



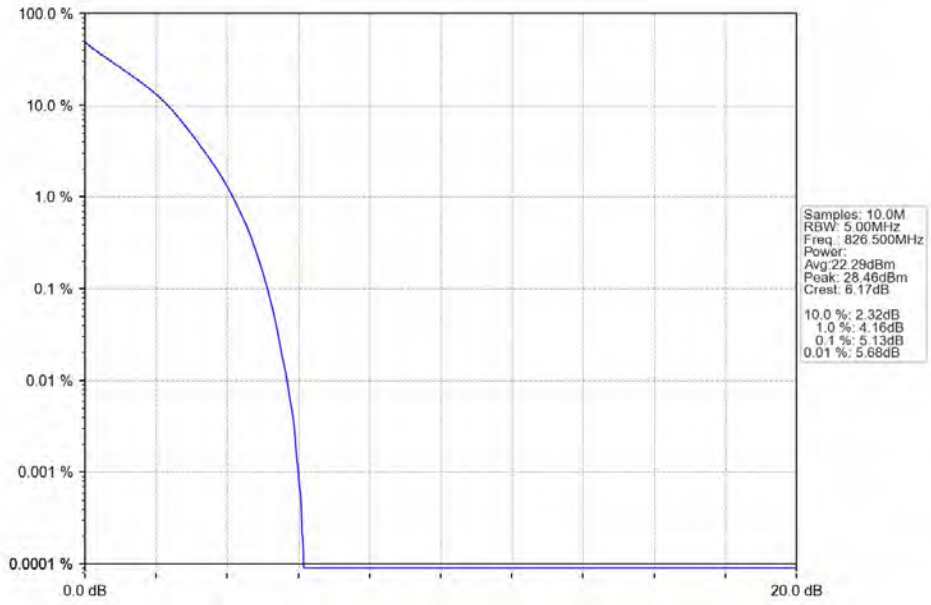
5.3 B5_5MHz

5.3.1 Test Result

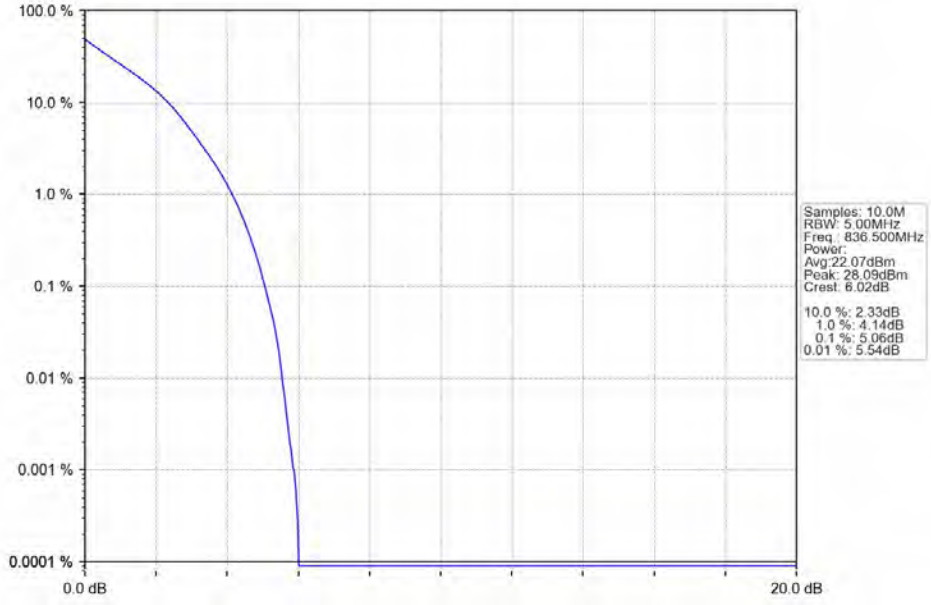
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.13	<=13	Pass
	836.5	25	0	5.06	<=13	Pass
	846.5	25	0	5.19	<=13	Pass
16QAM	826.5	25	0	5.68	<=13	Pass
	836.5	25	0	5.84	<=13	Pass
	846.5	25	0	5.99	<=13	Pass

5.3.2 Test Graph

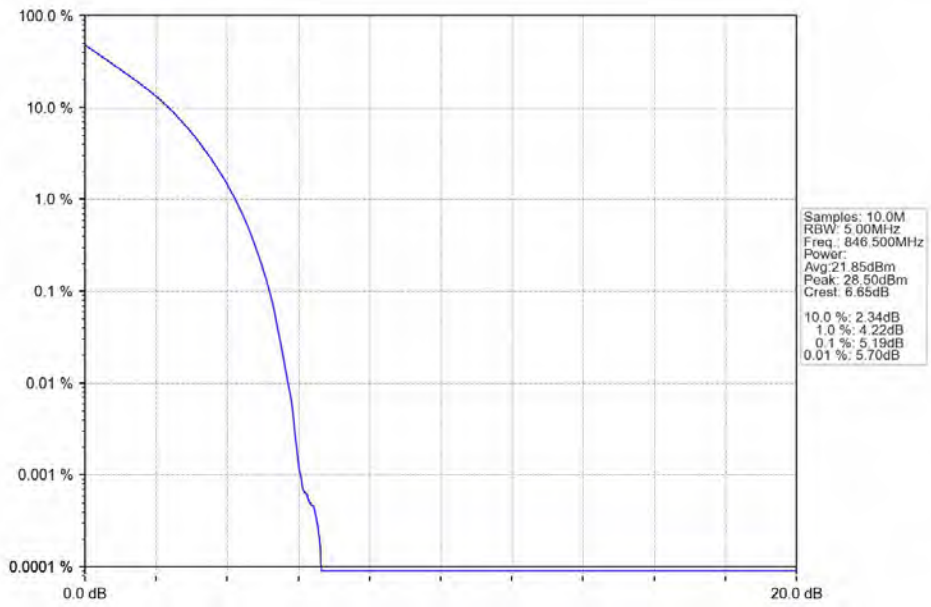
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



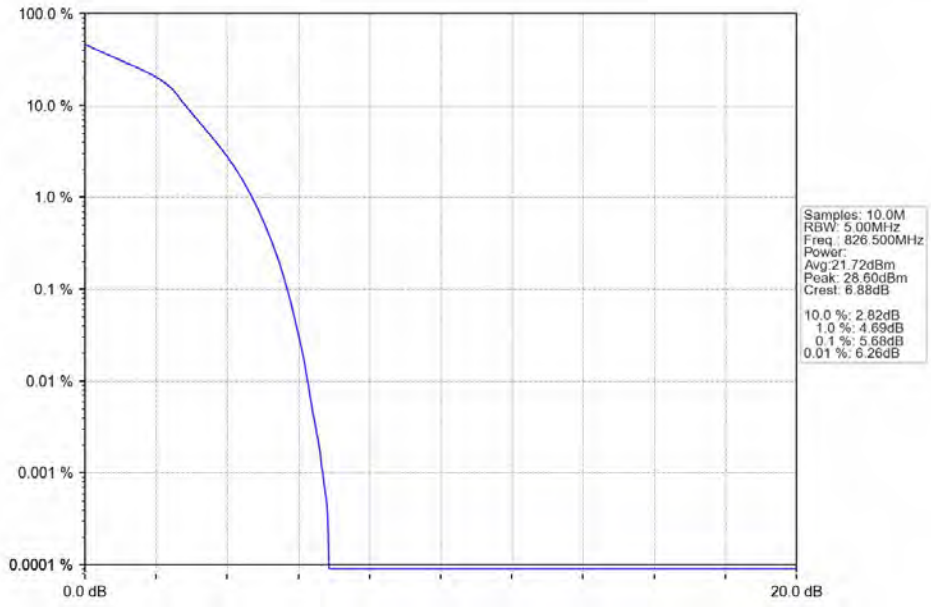
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



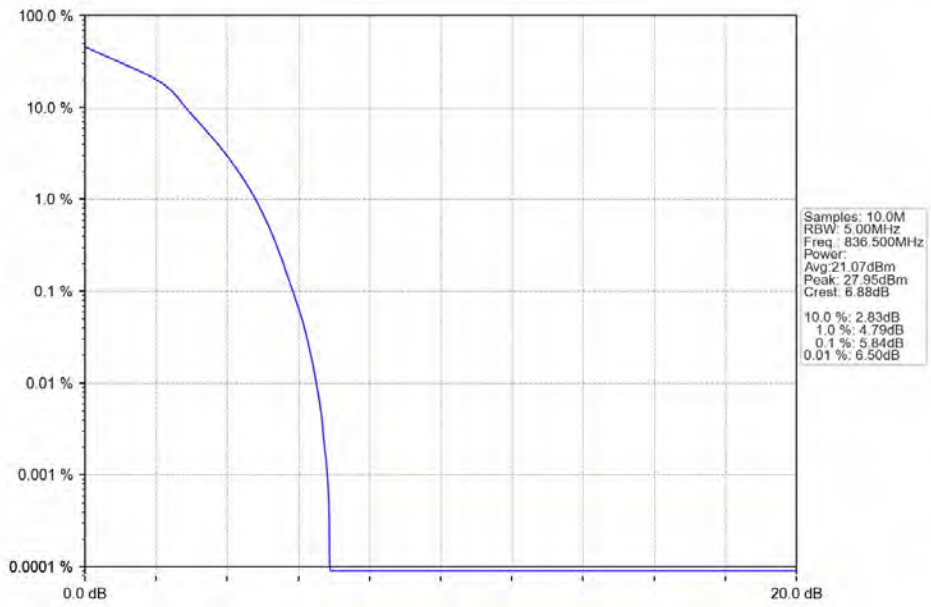
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



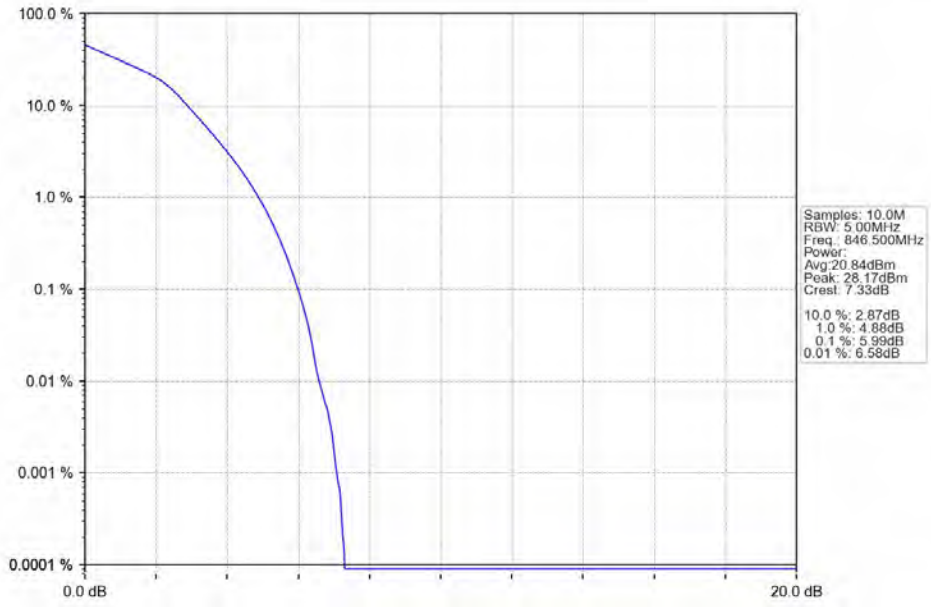
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



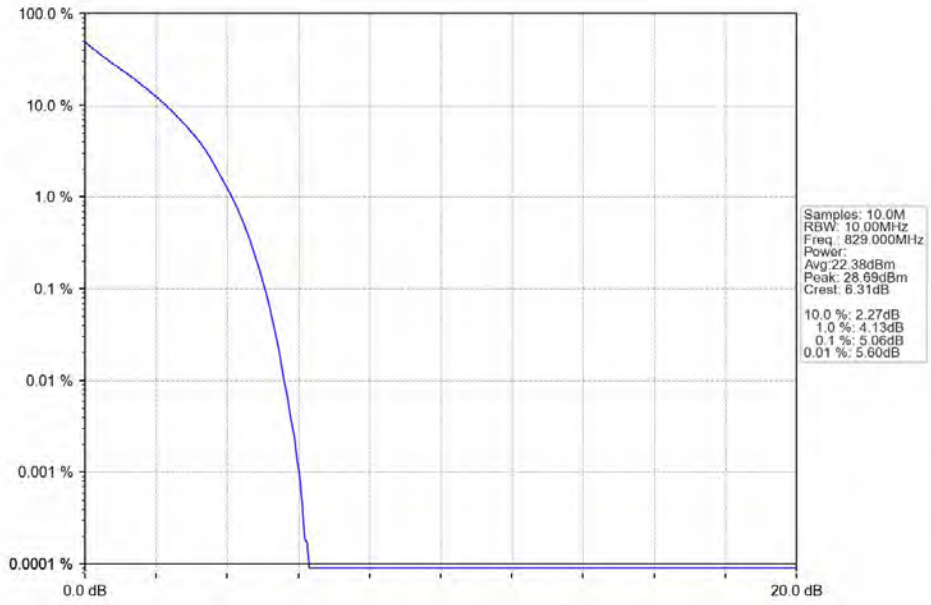
5.4 B5_10MHz

5.4.1 Test Result

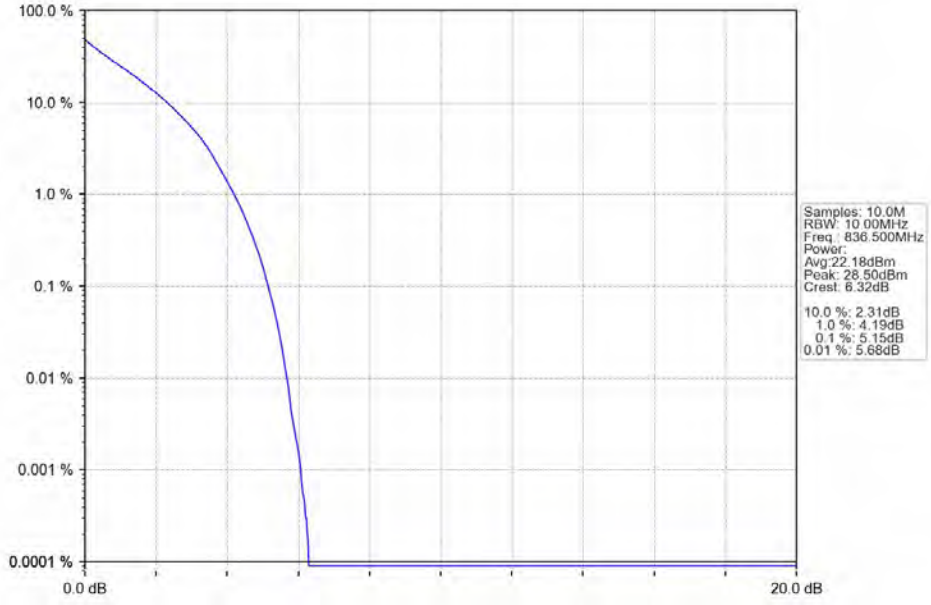
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.06	<=13	Pass
	836.5	50	0	5.15	<=13	Pass
	844	50	0	5.38	<=13	Pass
16QAM	829	50	0	5.76	<=13	Pass
	836.5	50	0	5.91	<=13	Pass
	844	50	0	6.08	<=13	Pass

5.4.2 Test Graph

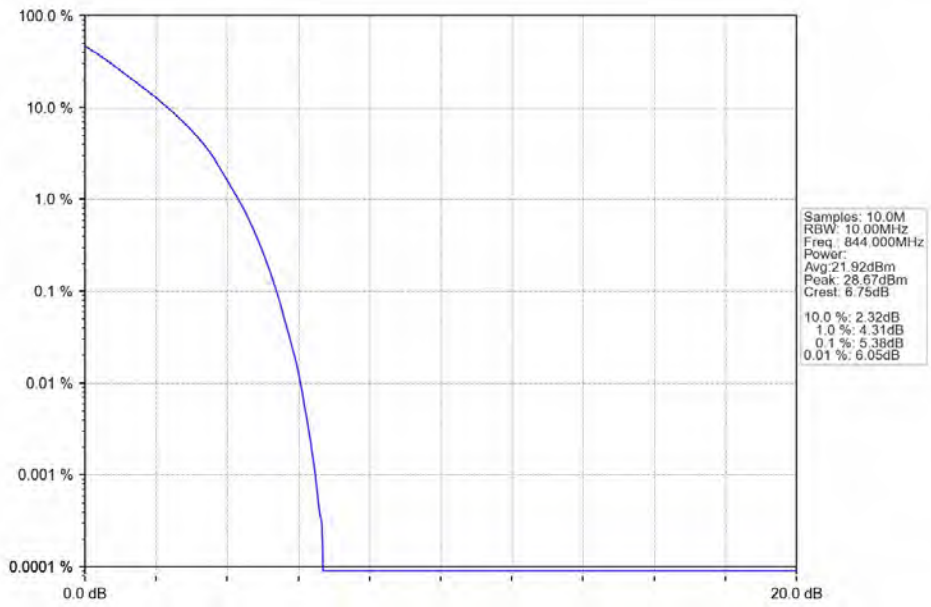
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



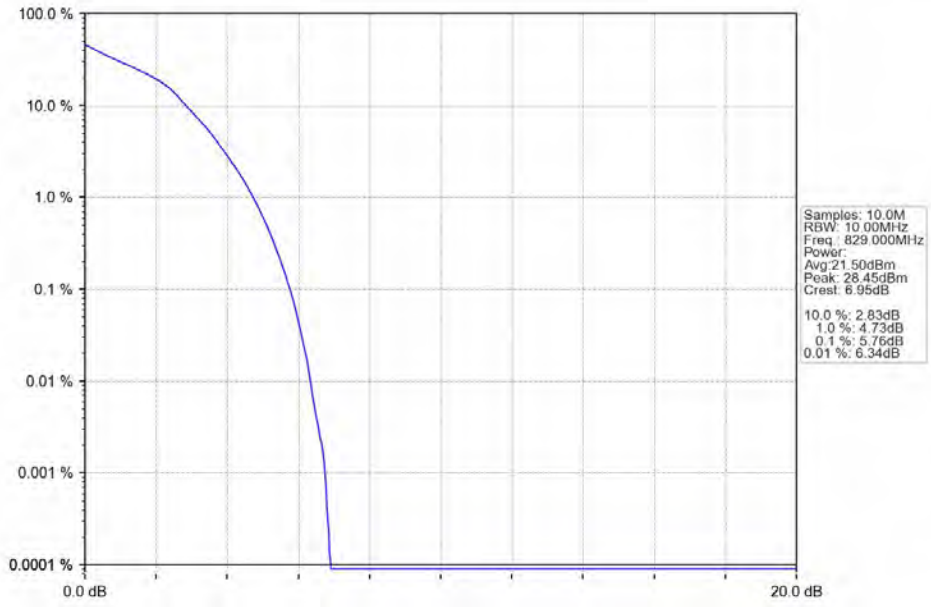
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



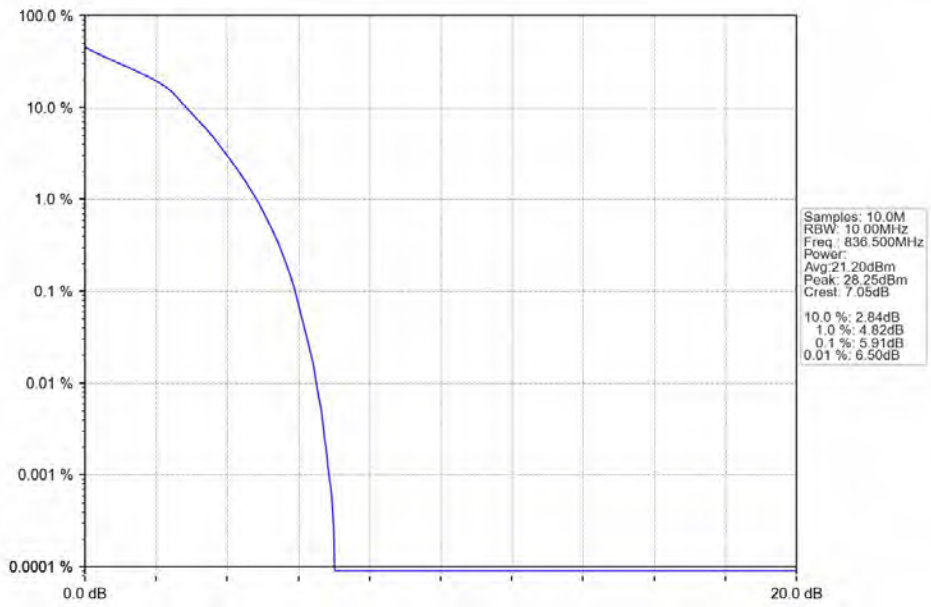
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



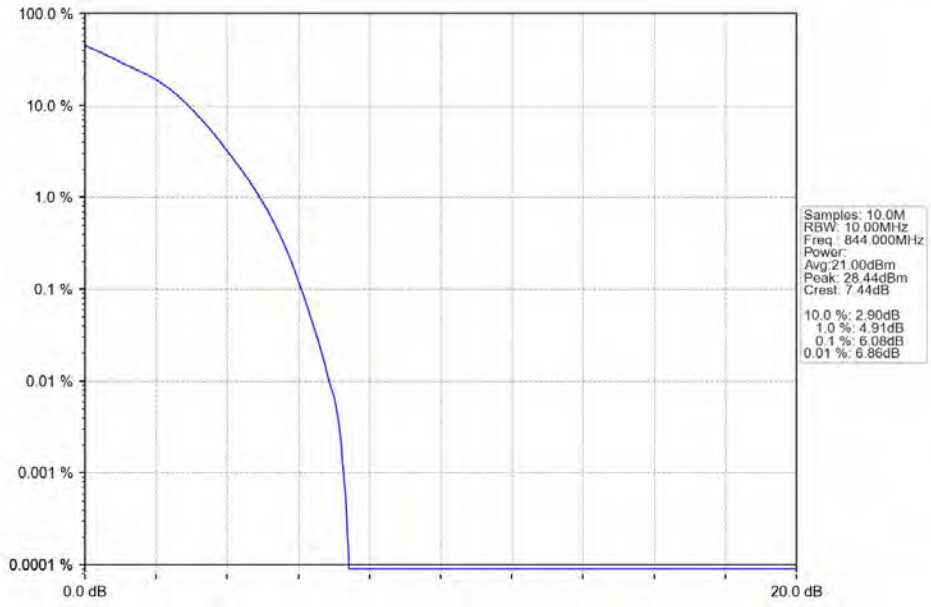
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

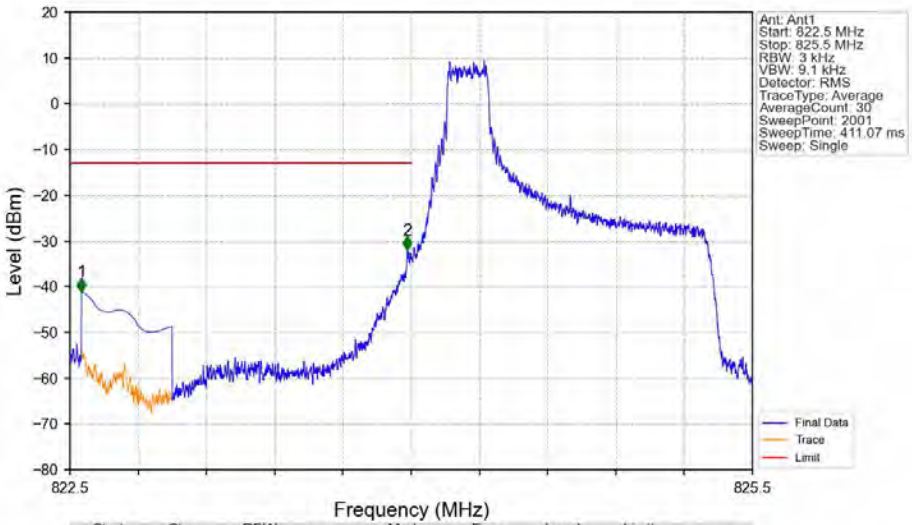
6.1 B5_1.4MHz

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

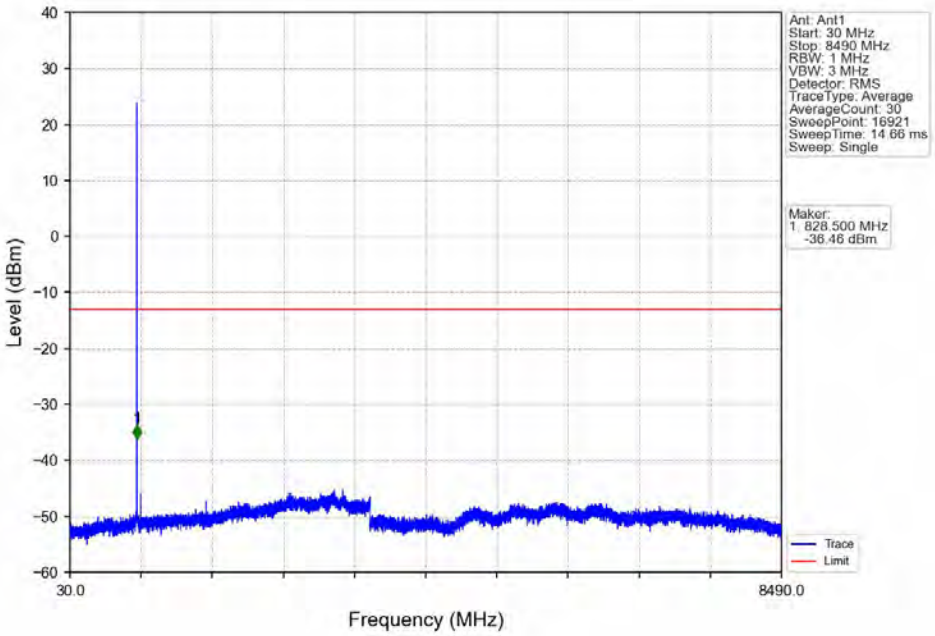
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

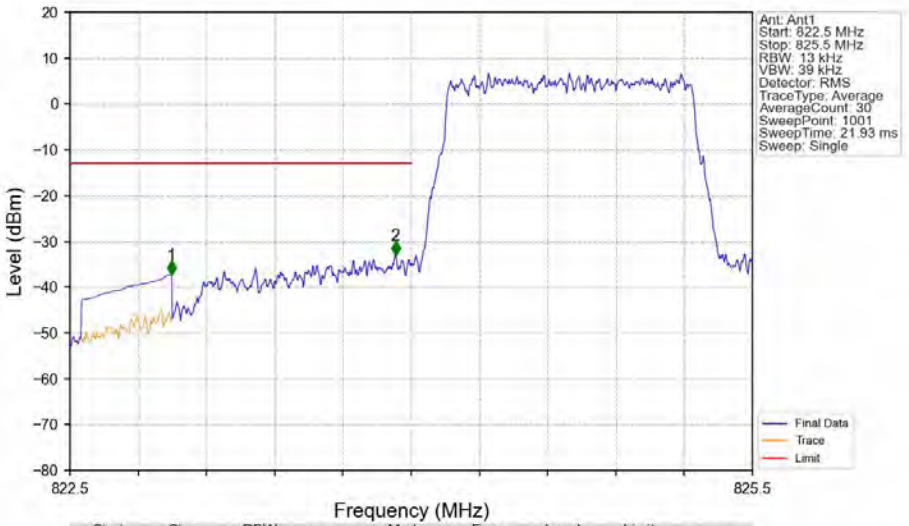


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-41.12	-13	Pass
823	824	0.003	/	2	823.984	-32.09	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

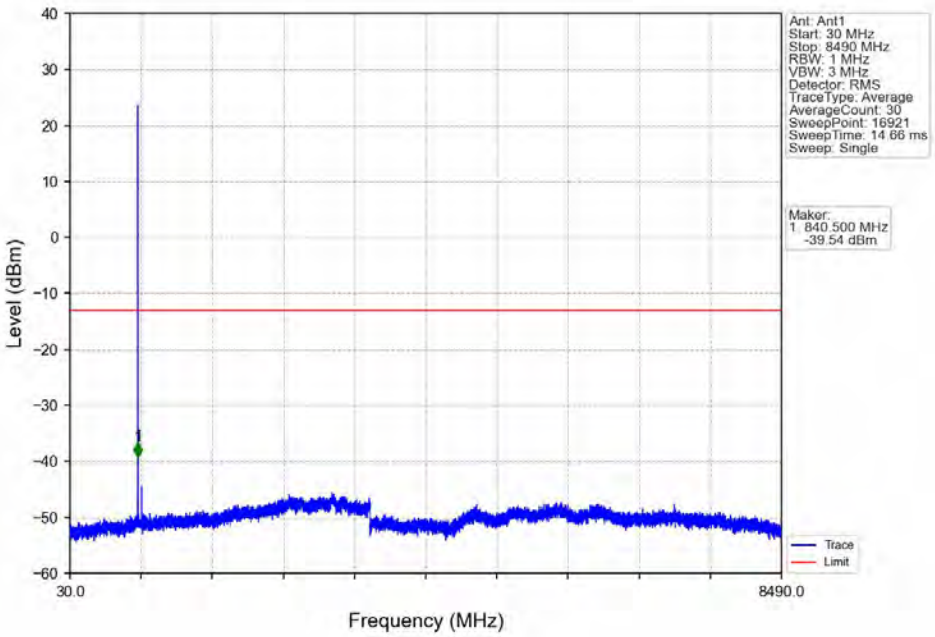


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

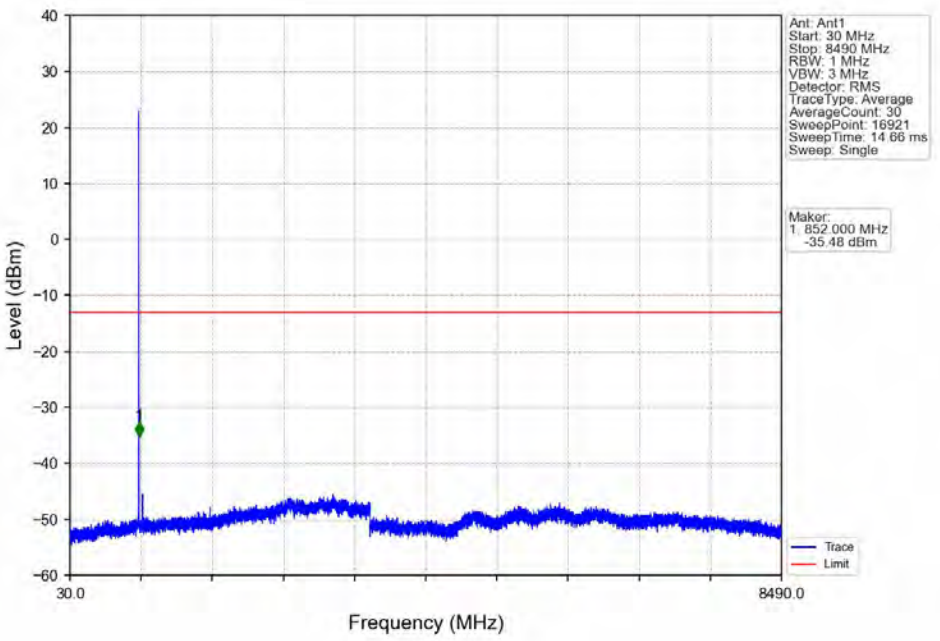


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-37.27	-13	Pass
823	824	0.013	/	2	823.931	-33.10	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

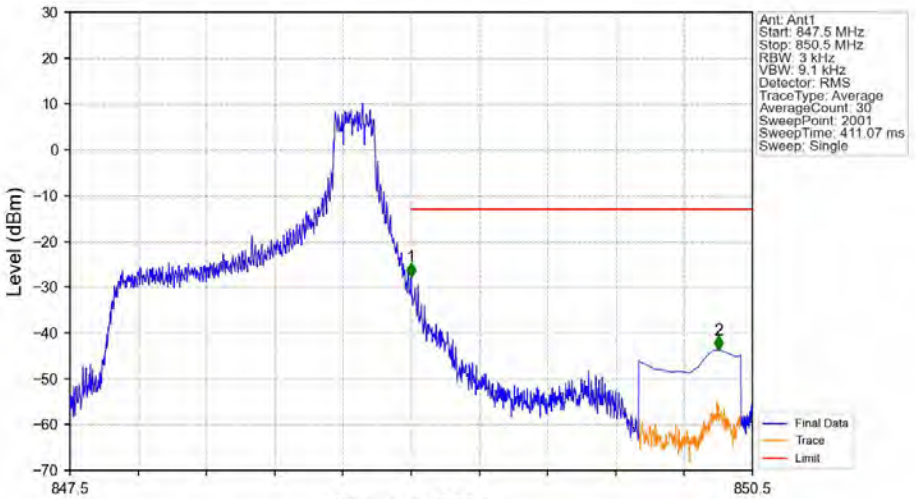
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

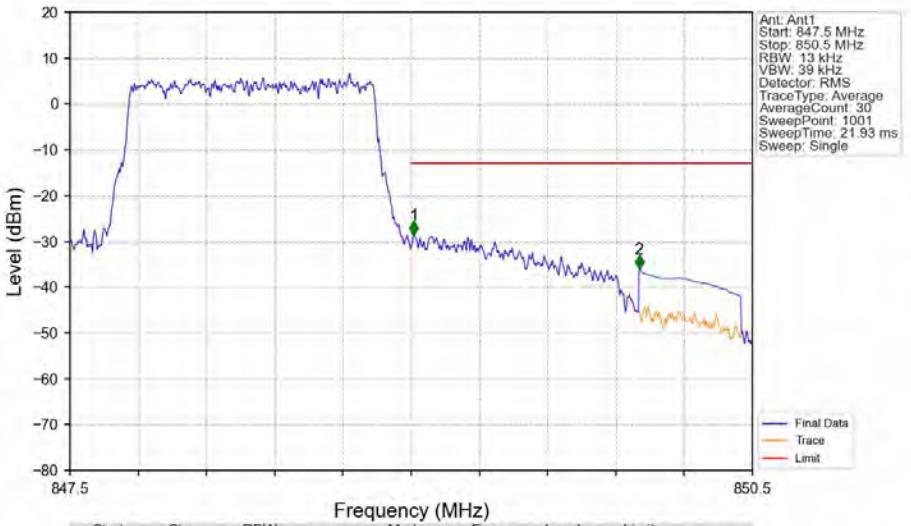


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



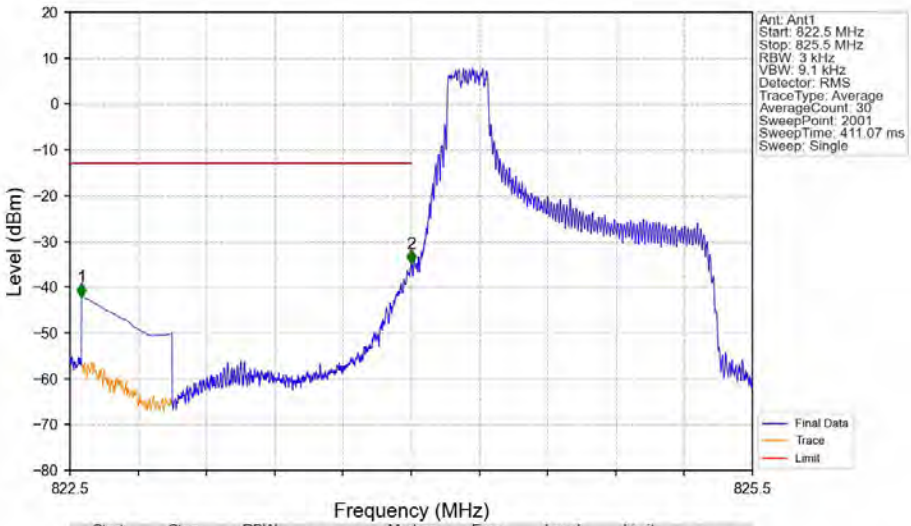
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-27.77	-13	Pass
850	850.5	0.1	CHP	2	850.351	-43.70	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



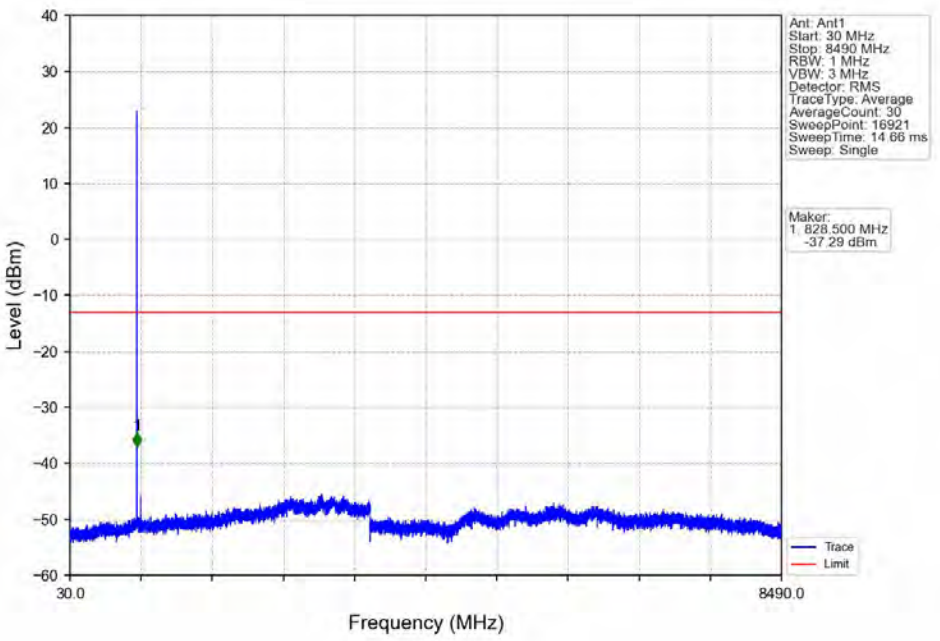
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.012	-28.74	-13	Pass
850	850.5	0.1	CHP	2	850.002	-36.03	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

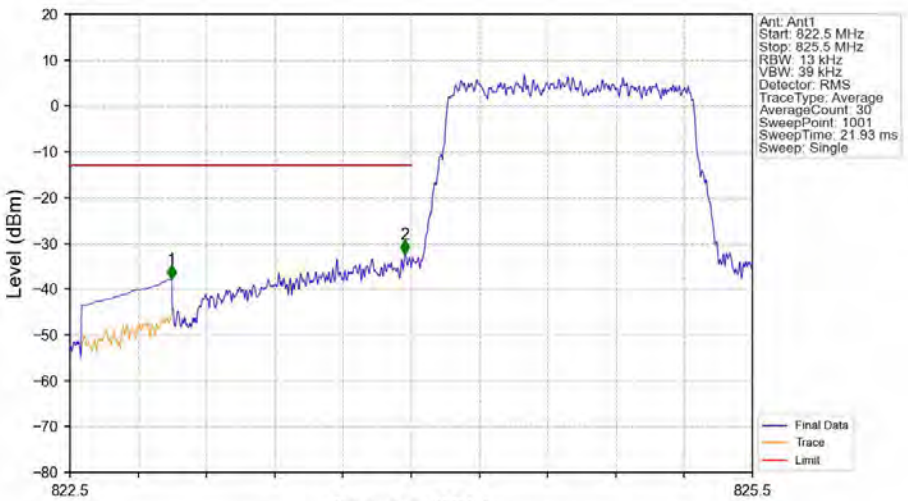


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-42.18	-13	Pass
823	824	0.003	/	2	824.000	-34.85	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

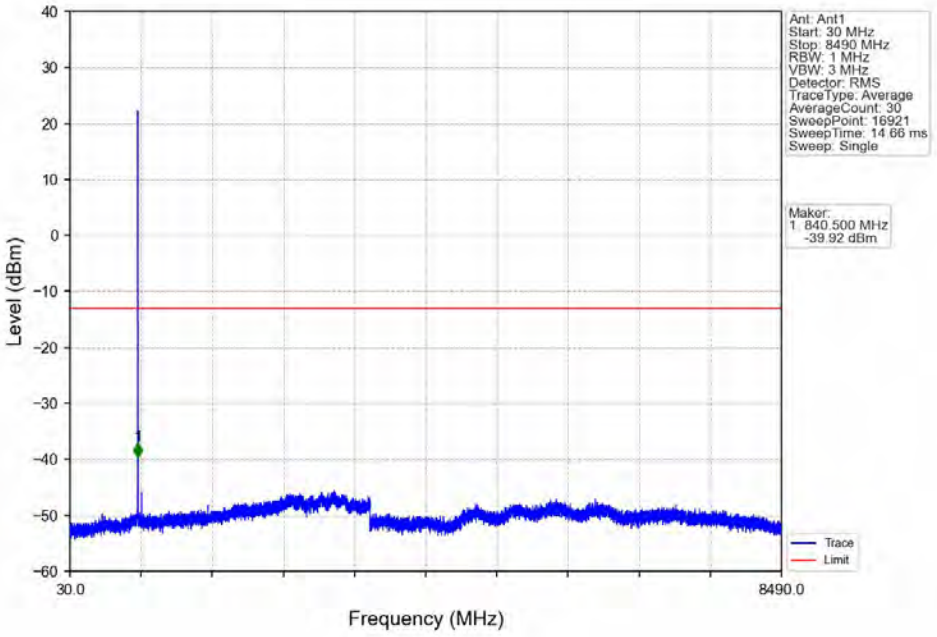
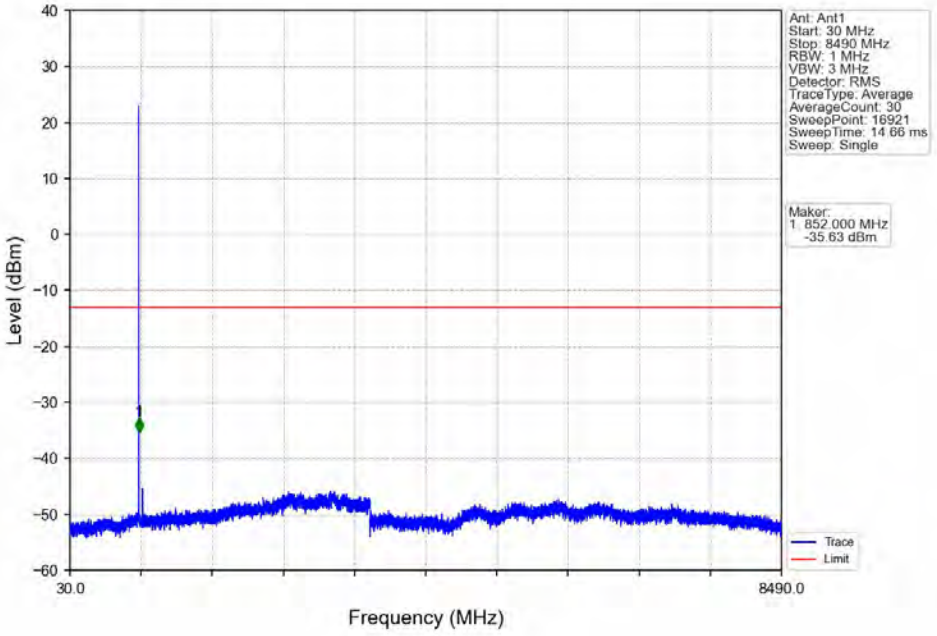
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



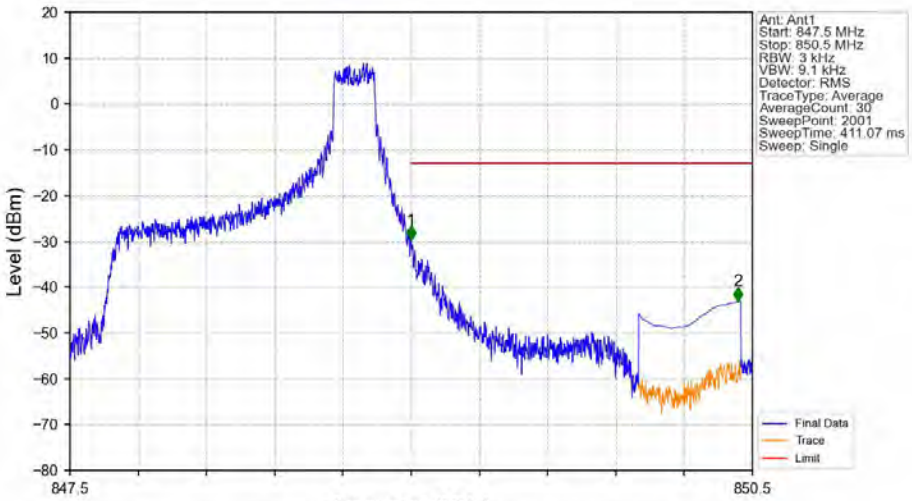
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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	-37.92	-13	Pass
823	824	0.013	/	2	823.973	-32.37	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

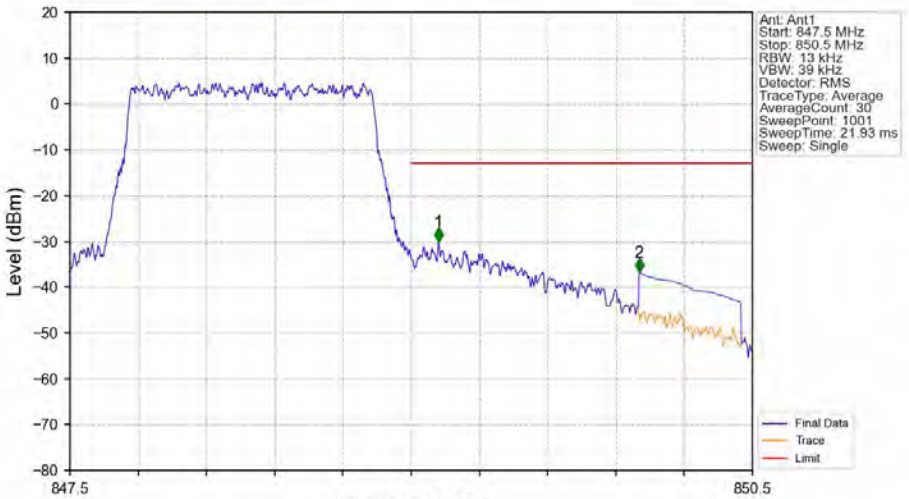
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

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	-29.81	-13	Pass
850	850.5	0.1	CHP	2	850.437	-43.06	-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	849.120	-30.09	-13	Pass
850	850.5	0.1	CHP	2	850.002	-36.85	-13	Pass

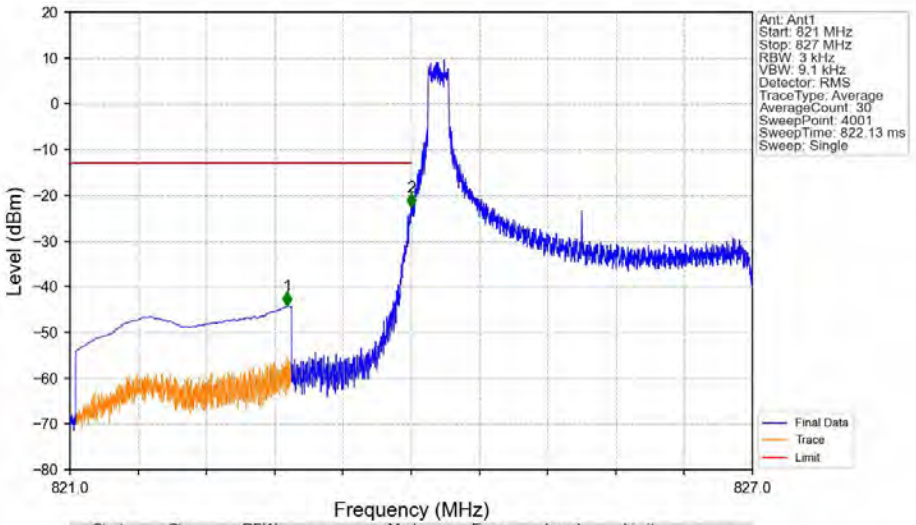
6.2 B5_3MHz

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

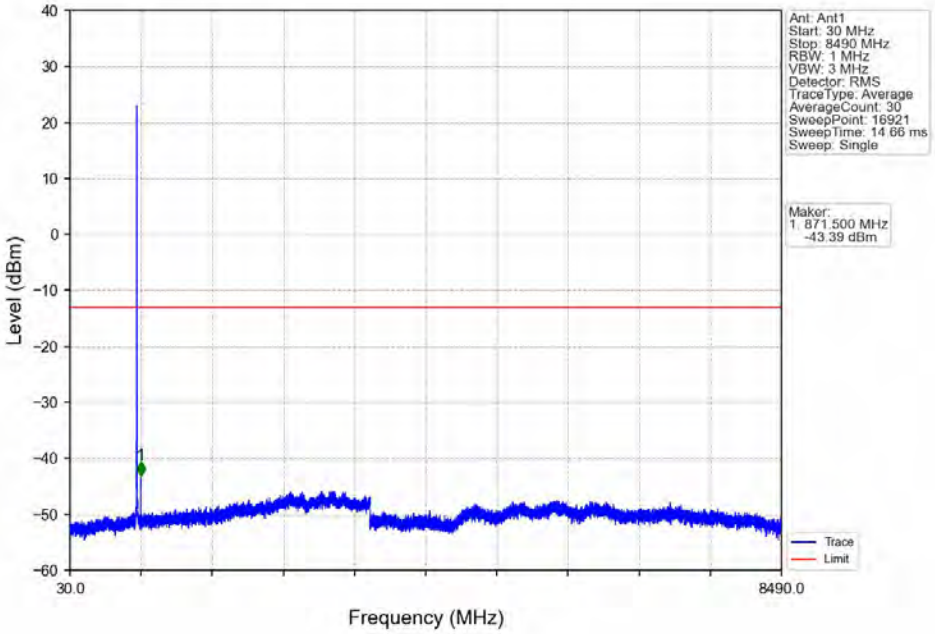
6.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

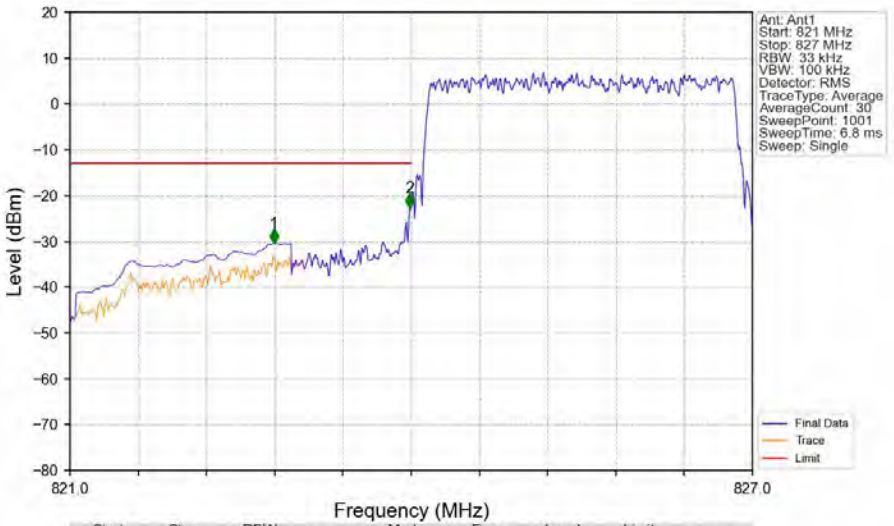


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.911	-44.21	-13	Pass
823	824	0.003	/	2	823.999	-22.65	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

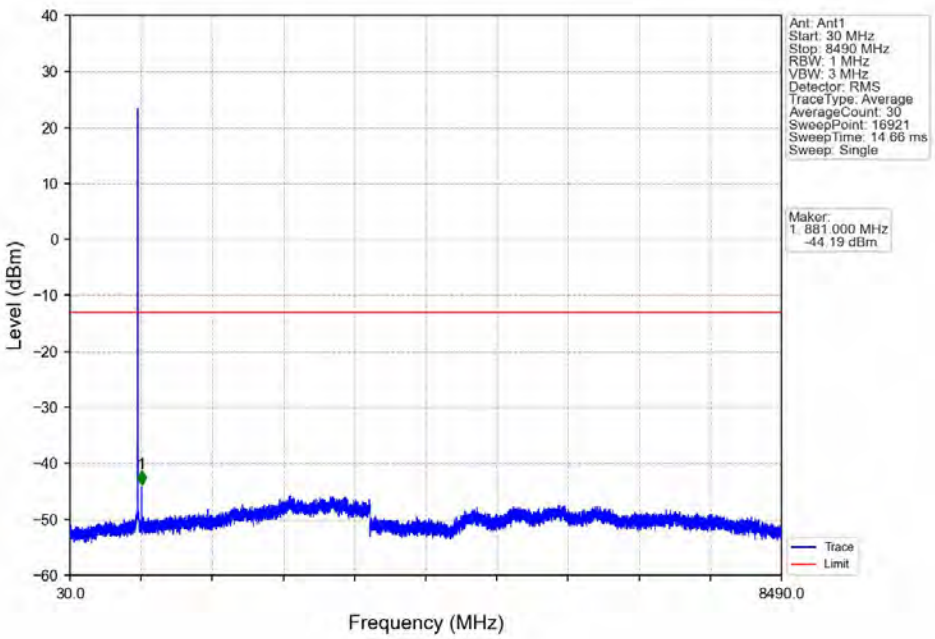


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

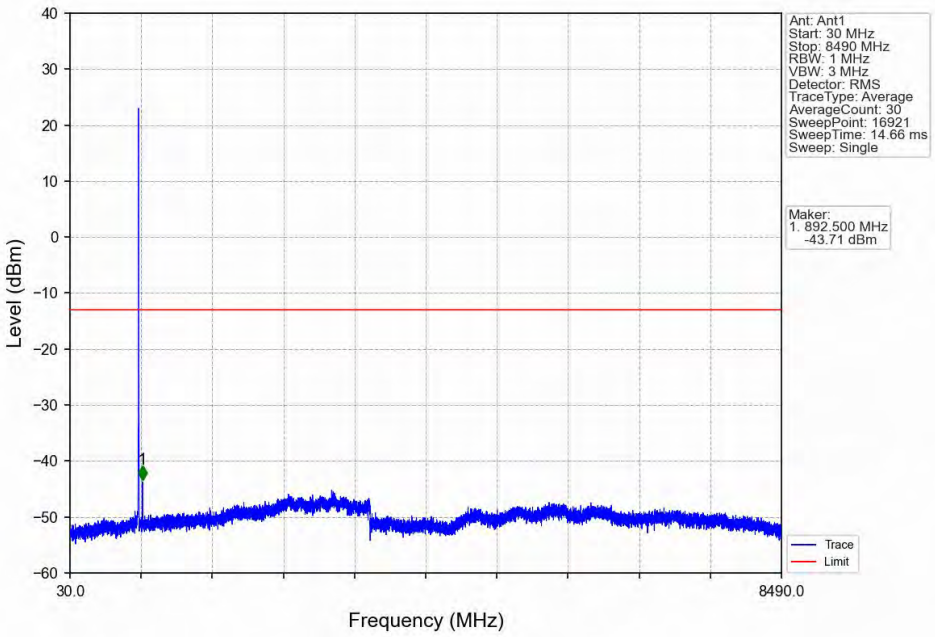


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.794	-30.42	-13	Pass
823	824	0.033	/	2	823.988	-22.68	-13	Pass
824	827	0.033	/	/	/	/	/	/

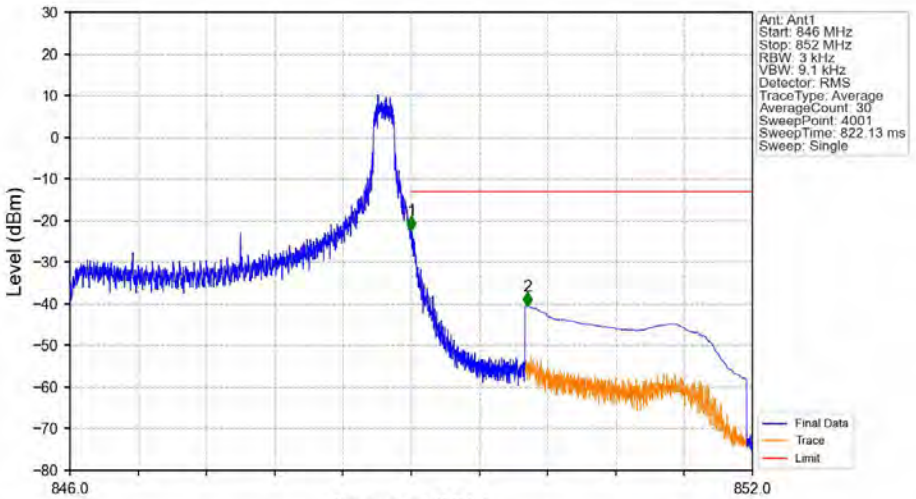
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

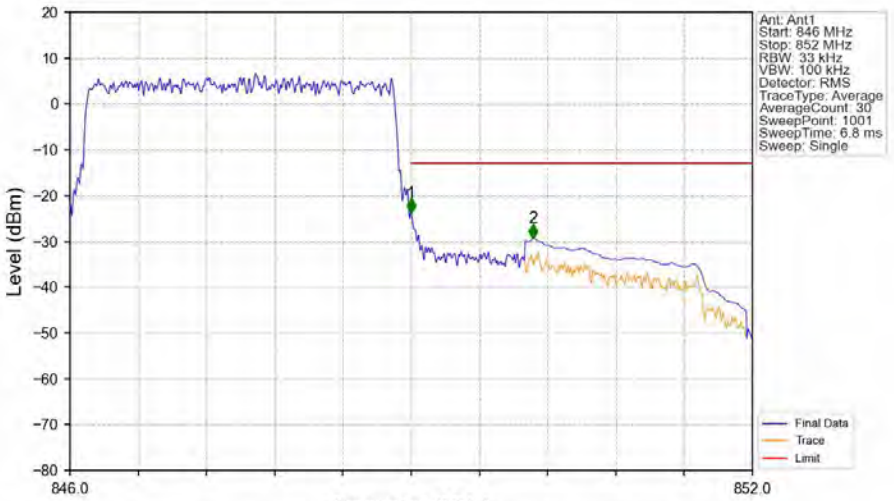


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



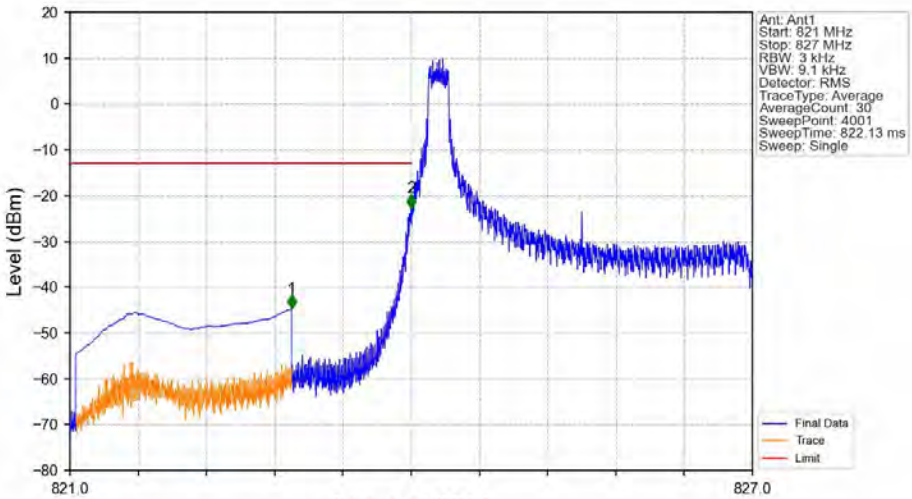
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-22.47	-13	Pass
850	852	0.1	CHP	2	850.020	-40.58	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



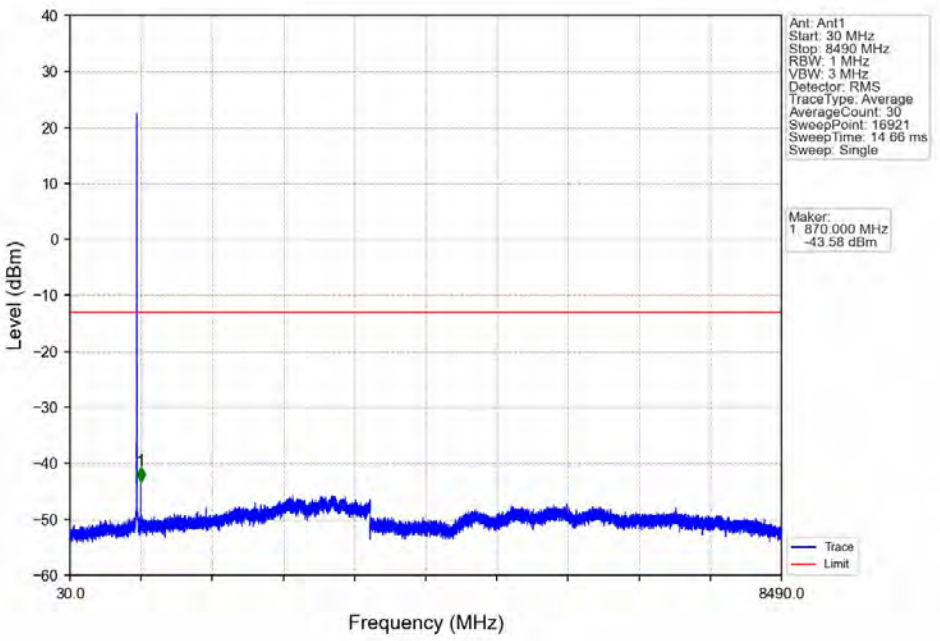
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.033	/	/	/	/	/	/
849	850	0.033	/	1	849.000	-23.73	-13	Pass
850	852	0.1	CHP	2	850.074	-29.32	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

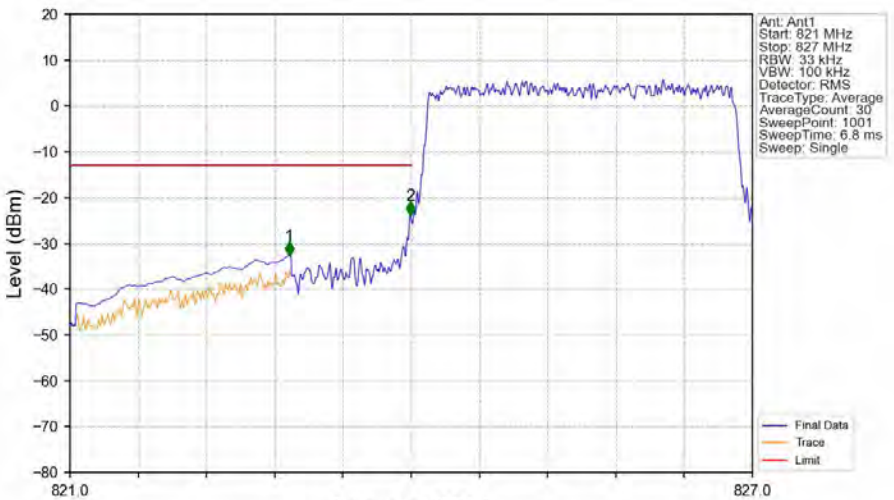


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.947	-44.74	-13	Pass
823	824	0.003	/	2	824.000	-22.79	-13	Pass
824	827	0.003	/	/	/	/	/	/

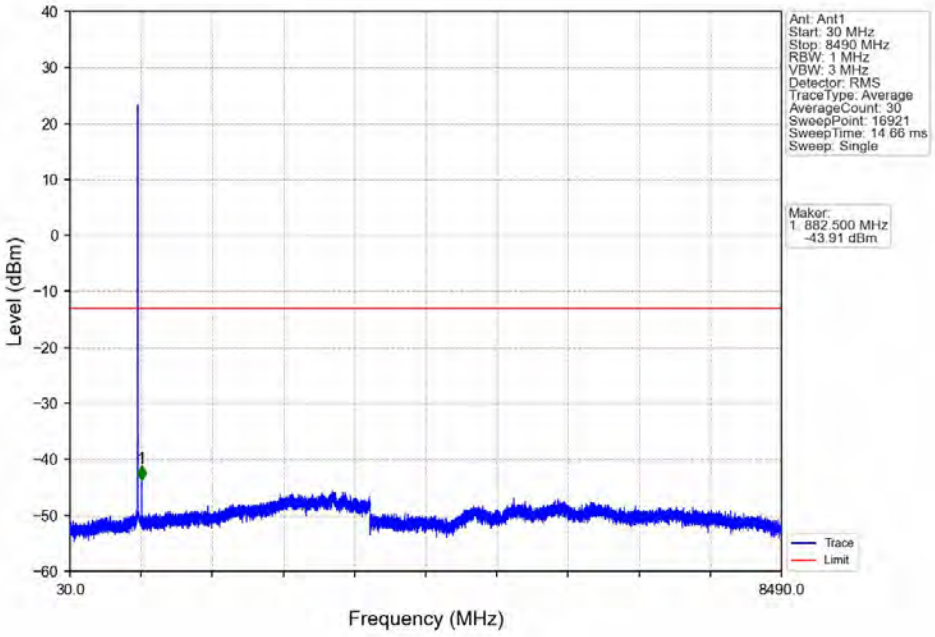
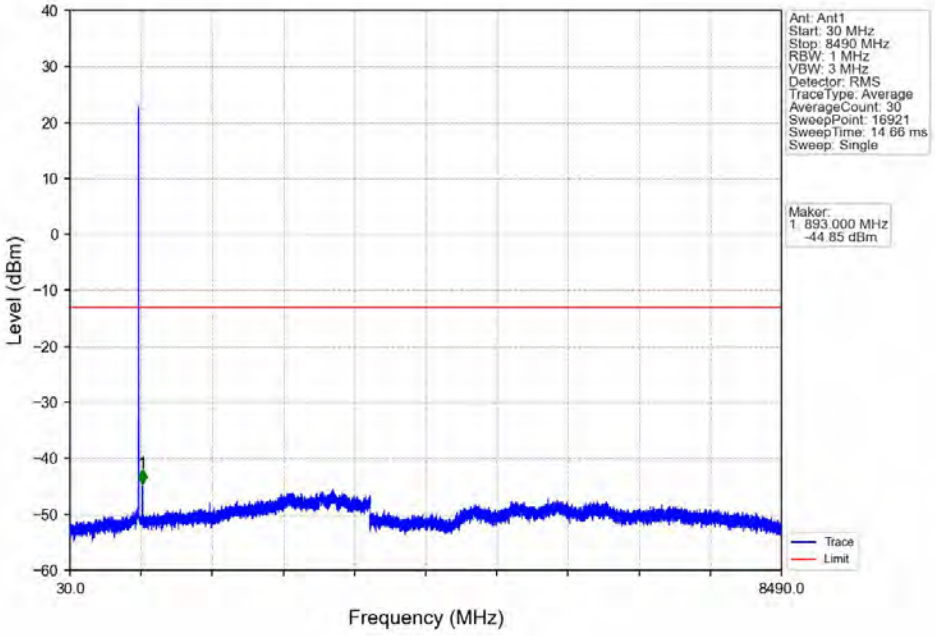
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



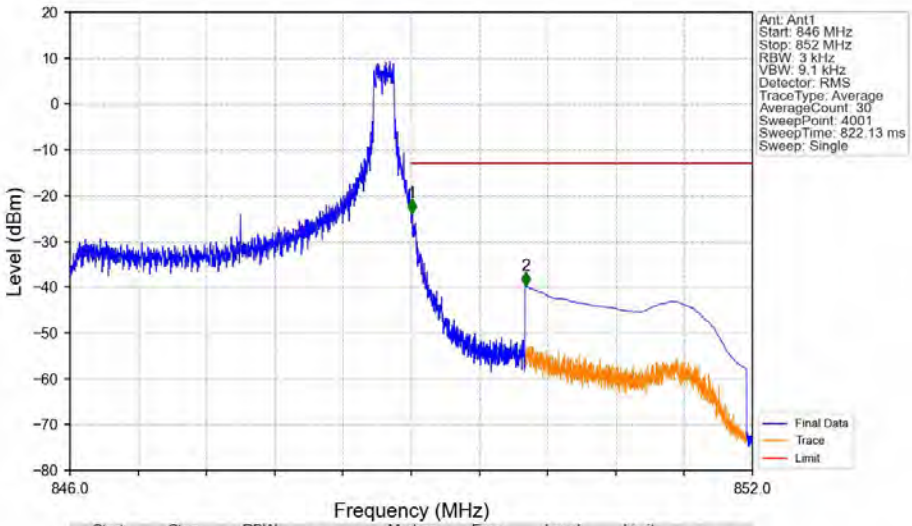
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.926	-32.70	-13	Pass
823	824	0.033	/	2	823.994	-23.90	-13	Pass
824	827	0.033	/	/	/	/	/	/

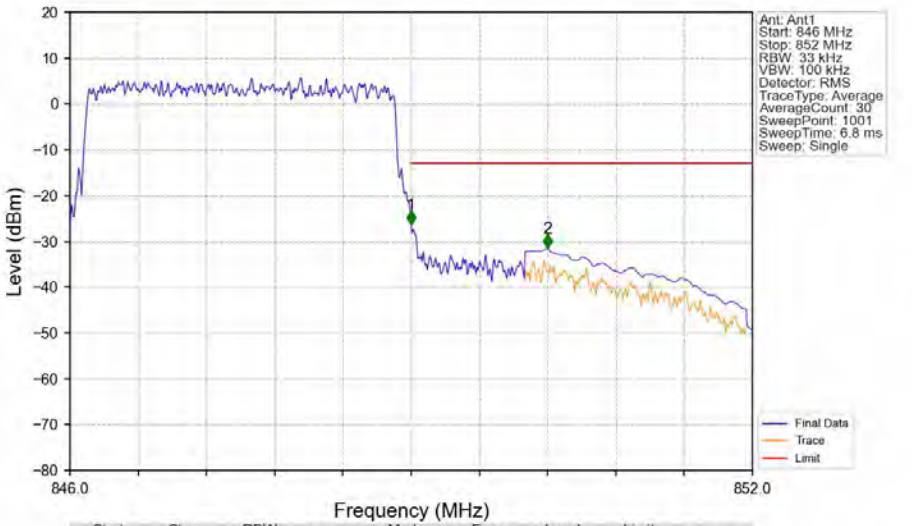
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

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	849.006	-23.85	-13	Pass
850	852	0.1	CHP	2	850.008	-39.73	-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	-26.37	-13	Pass
850	852	0.1	CHP	2	850.200	-31.53	-13	Pass

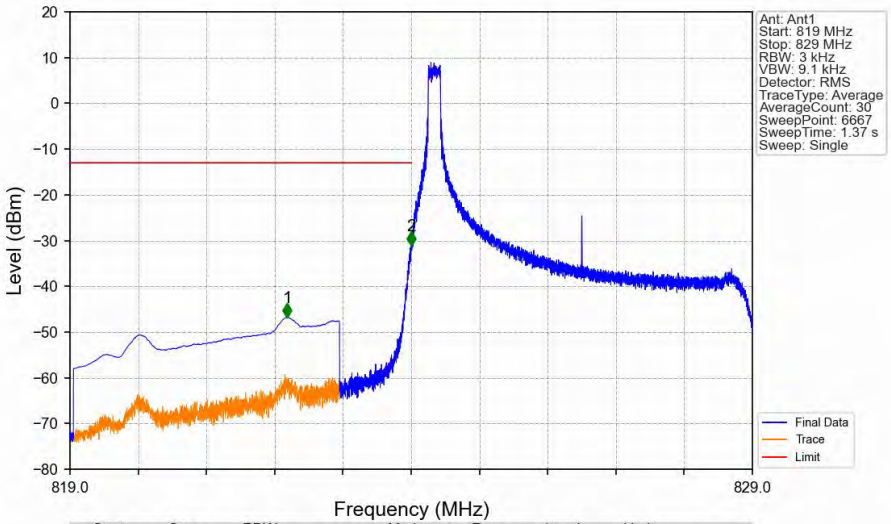
6.3 B5_5MHz

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

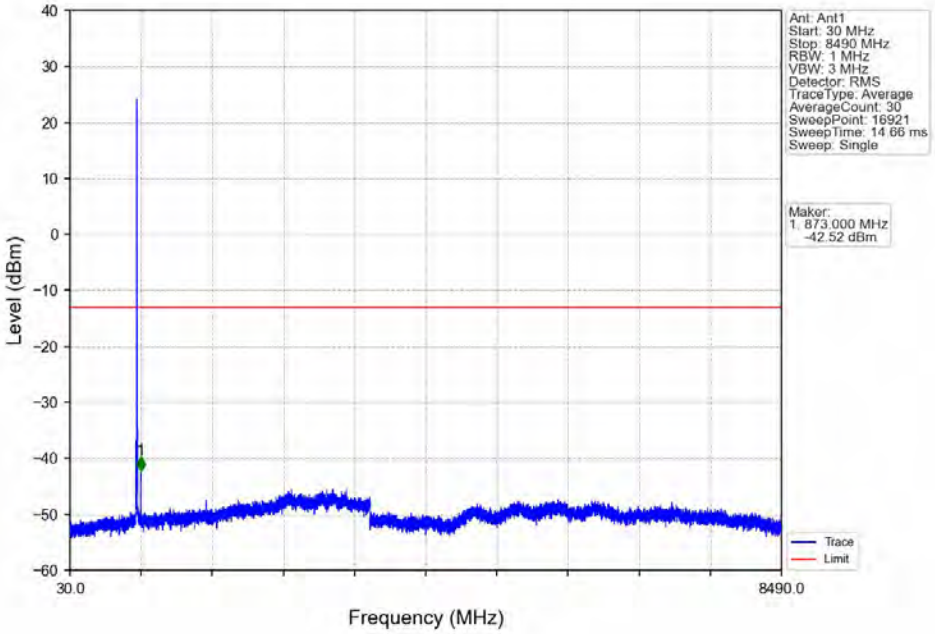
6.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

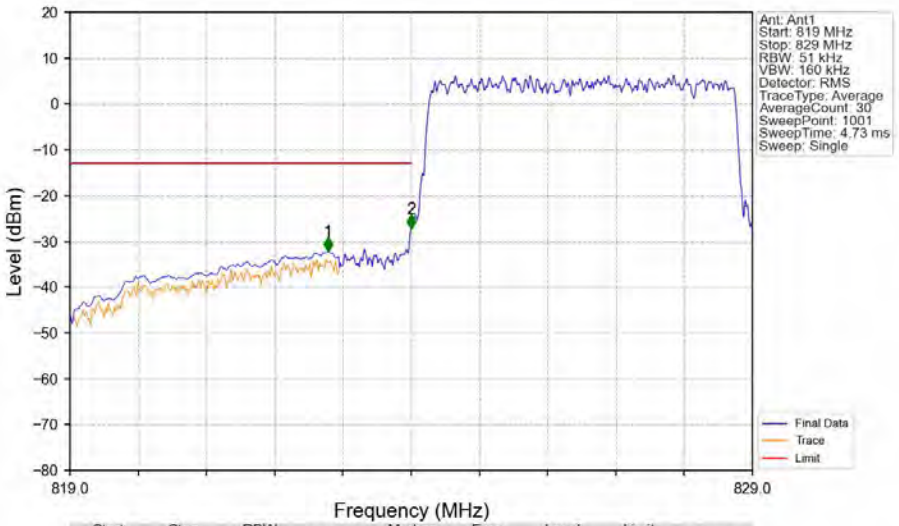


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.185	-46.79	-13	Pass
823	824	0.003	/	2	824.000	-31.15	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

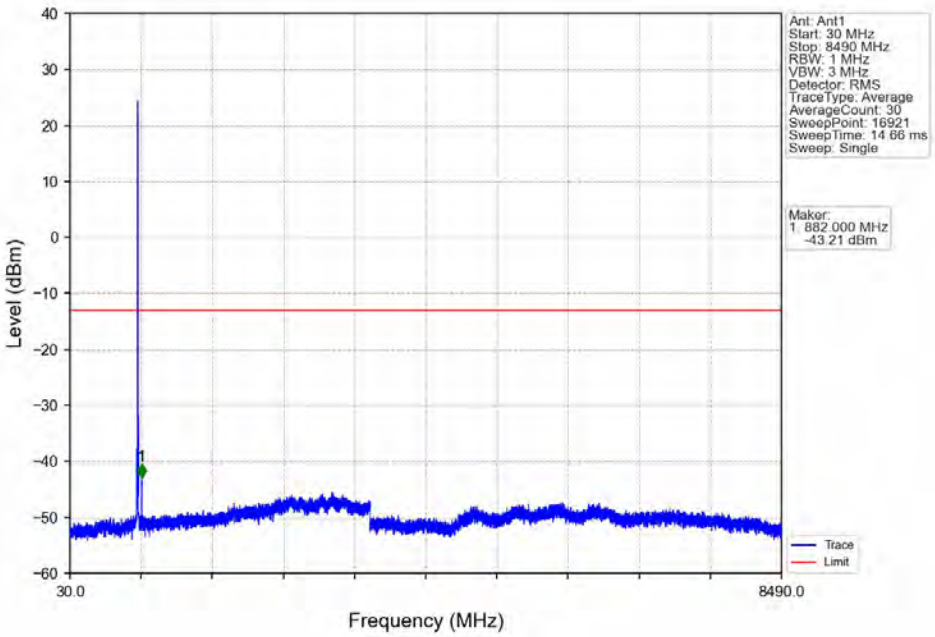


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

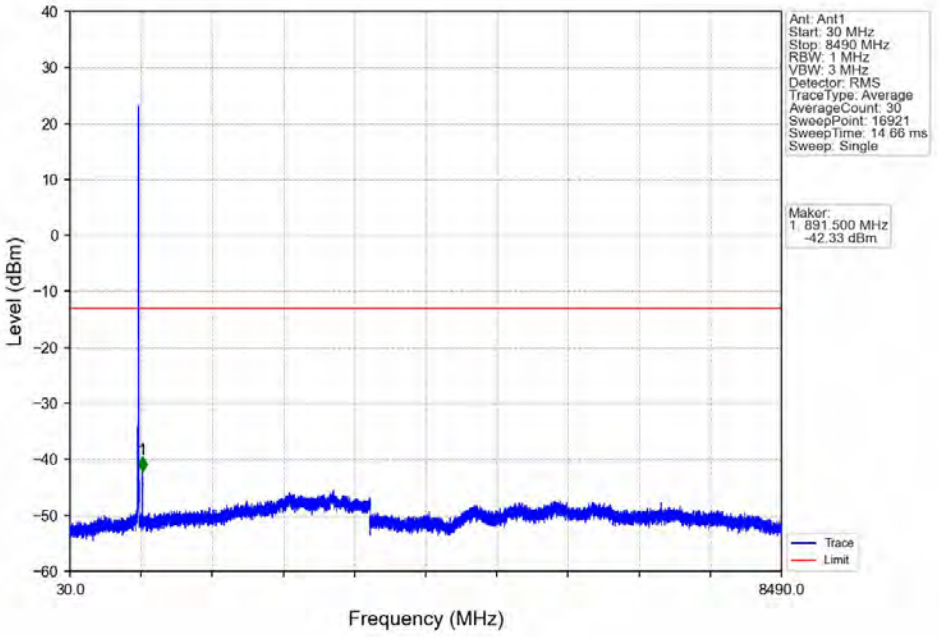


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.780	-32.25	-13	Pass
823	824	0.051	/	2	824.000	-27.31	-13	Pass
824	829	0.051	/	/	/	/	/	/

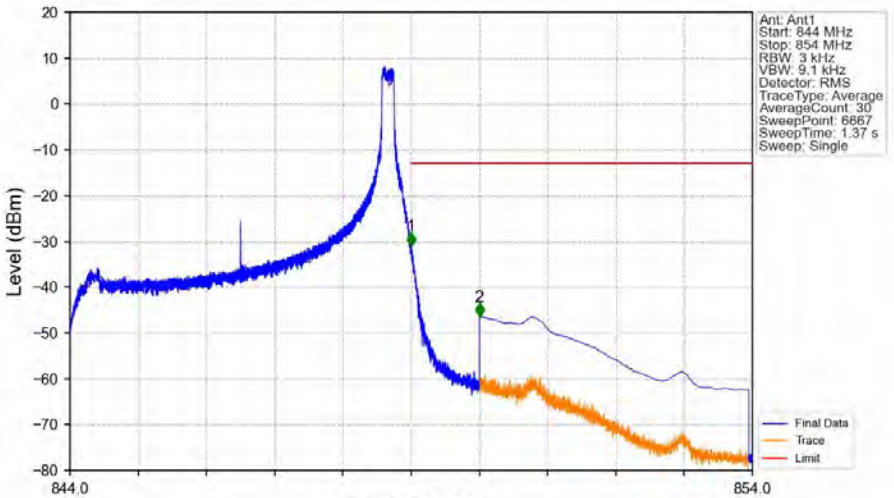
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

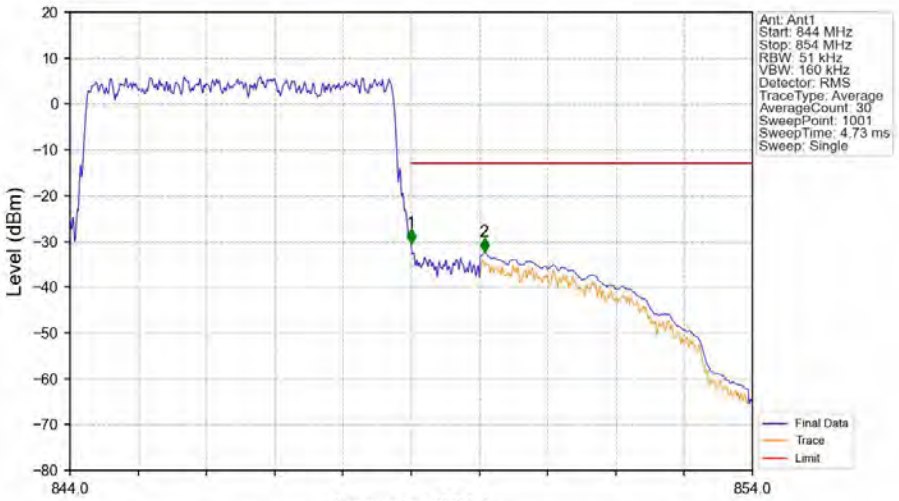


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



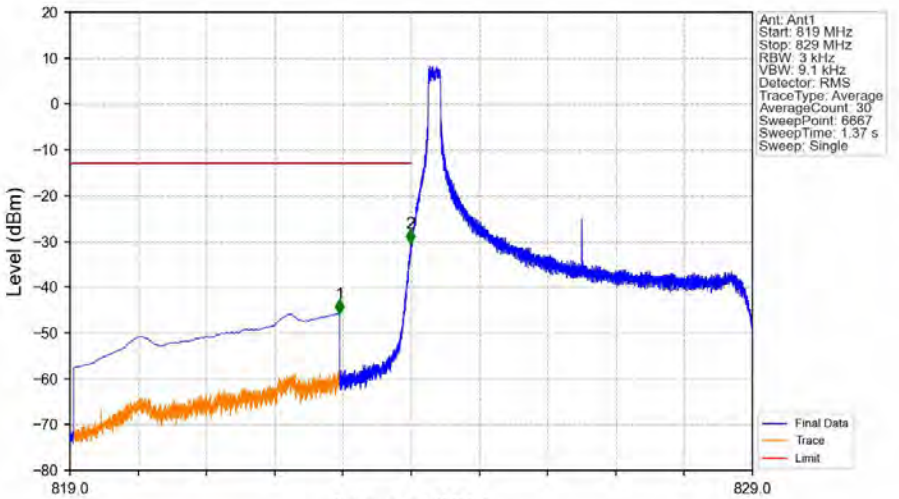
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-31.06	-13	Pass
850	854	0.1	CHP	2	850.001	-46.50	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



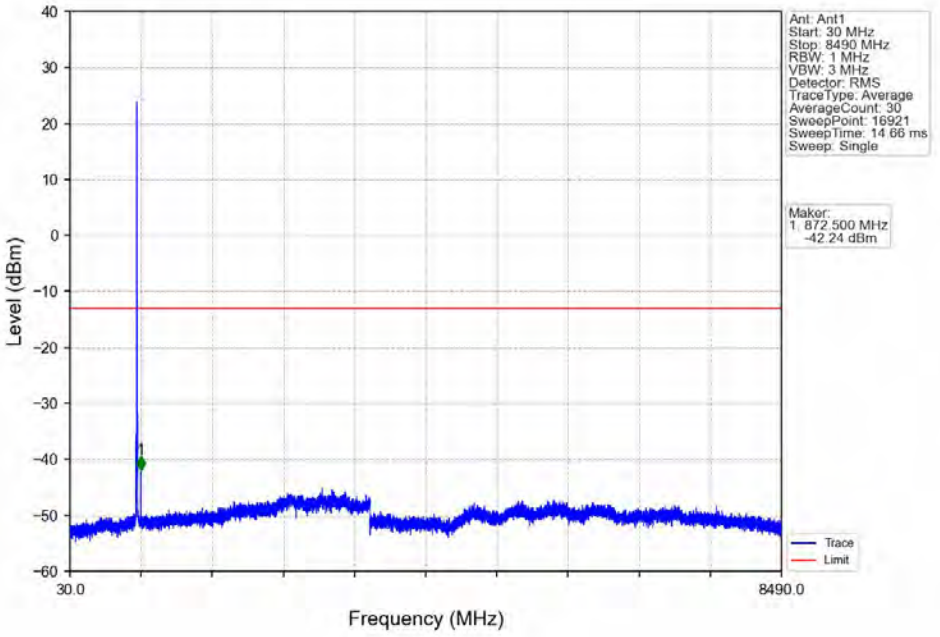
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-30.37	-13	Pass
850	854	0.1	CHP	2	850.070	-32.31	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

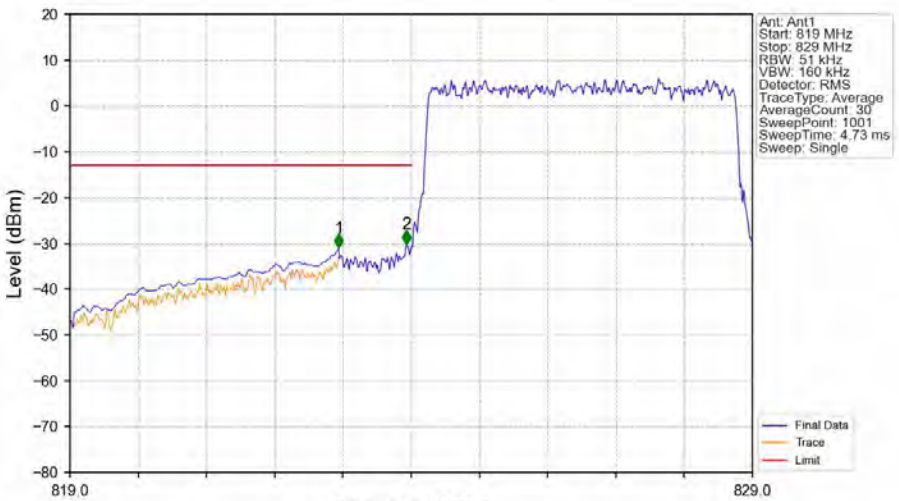


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-45.73	-13	Pass
823	824	0.003	/	2	823.992	-30.47	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

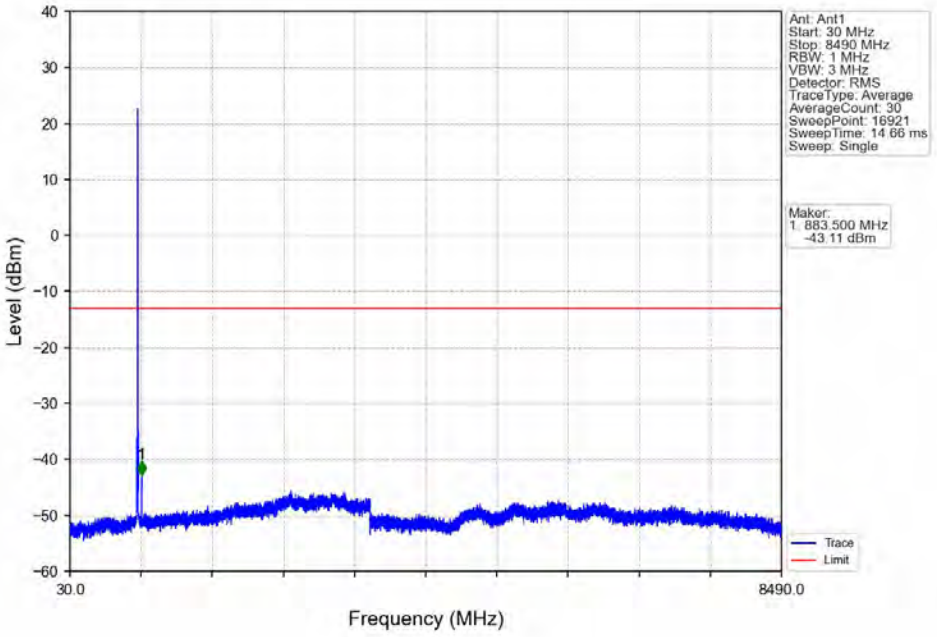


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

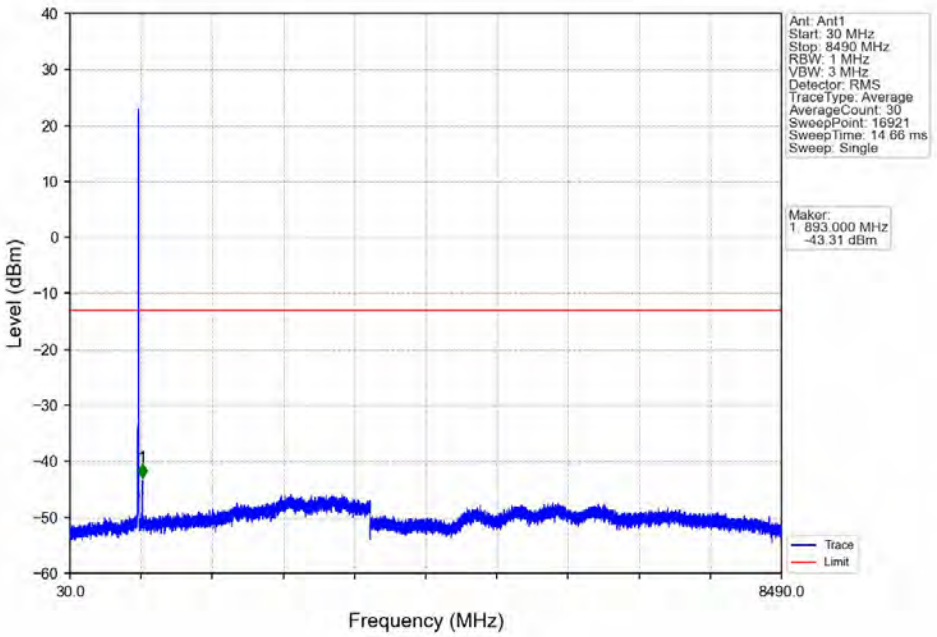


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-31.00	-13	Pass
823	824	0.051	/	2	823.930	-30.19	-13	Pass
824	829	0.051	/	/	/	/	/	/

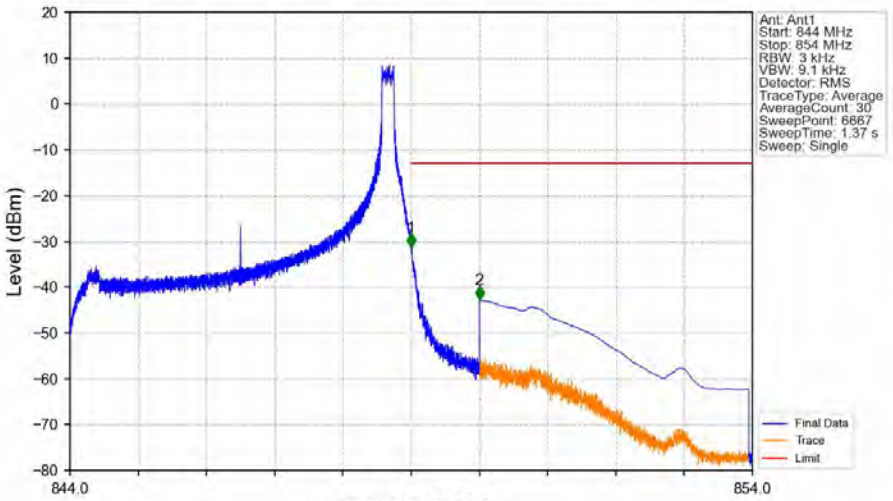
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

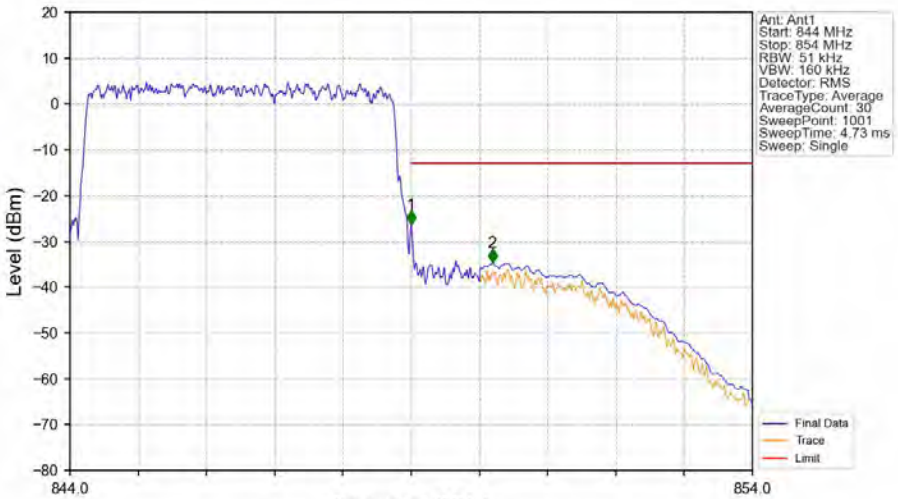


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



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	849.000	-31.38	-13	Pass
850	854	0.1	CHP	2	850.001	-42.74	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-26.46	-13	Pass
850	854	0.1	CHP	2	850.190	-34.71	-13	Pass

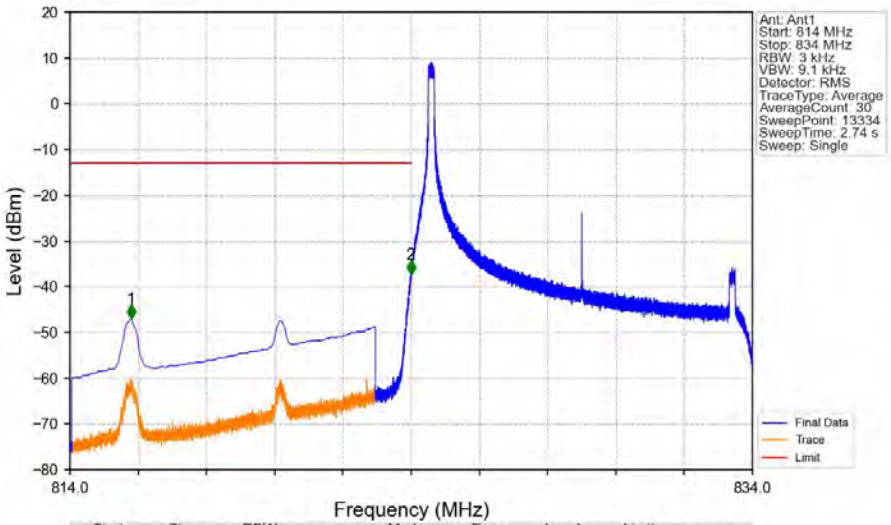
6.4 B5_10MHz

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

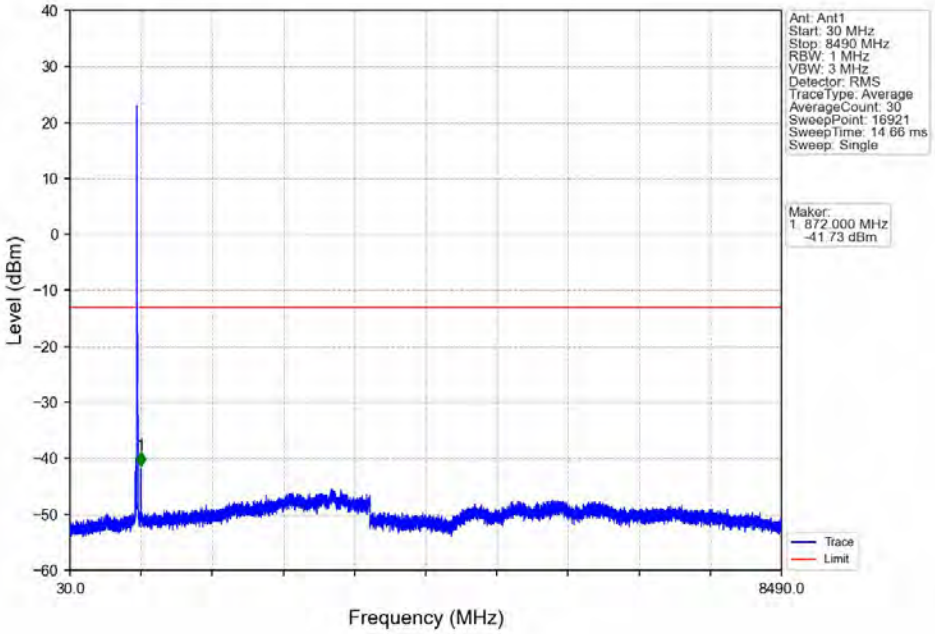
6.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

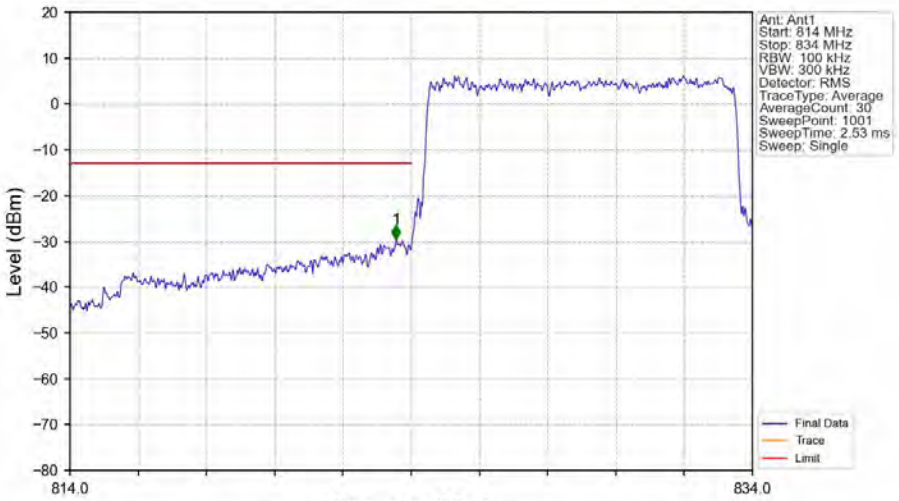


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	815.788	-47.02	-13	Pass
823	824	0.003	/	2	823.990	-37.27	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

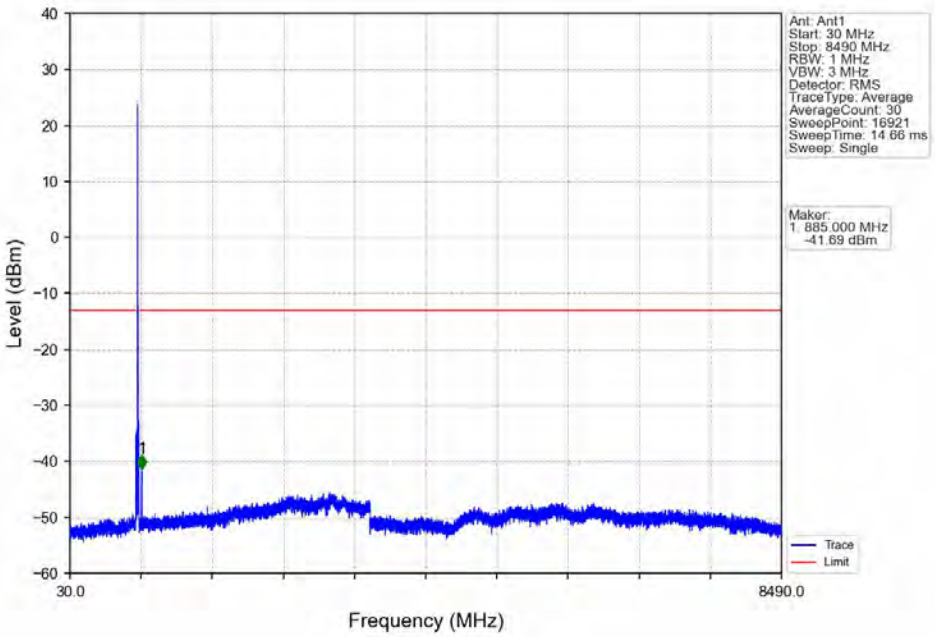


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

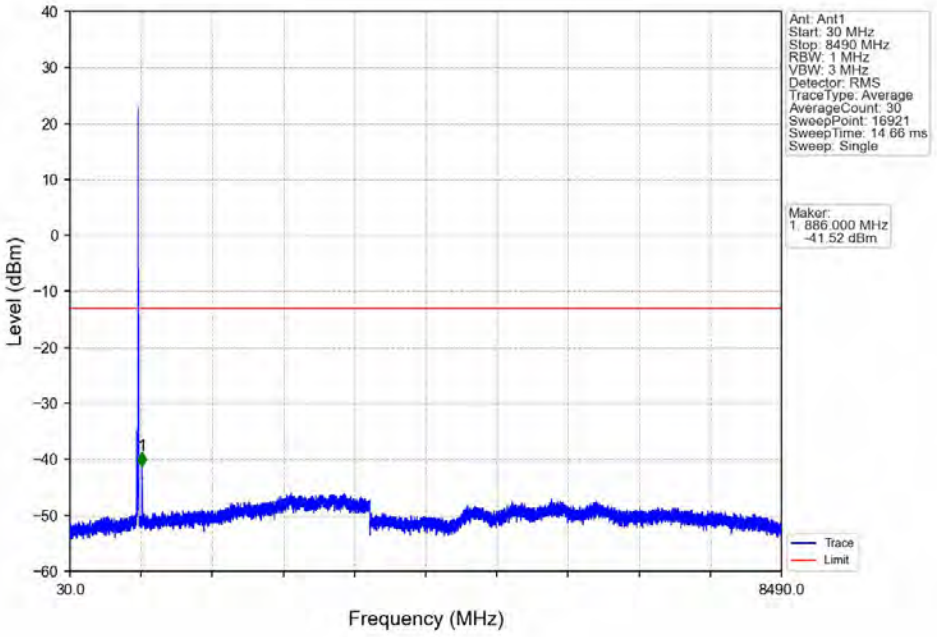


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.560	-29.54	-13	Pass
824	834	0.1	/	/	/	/	/	/

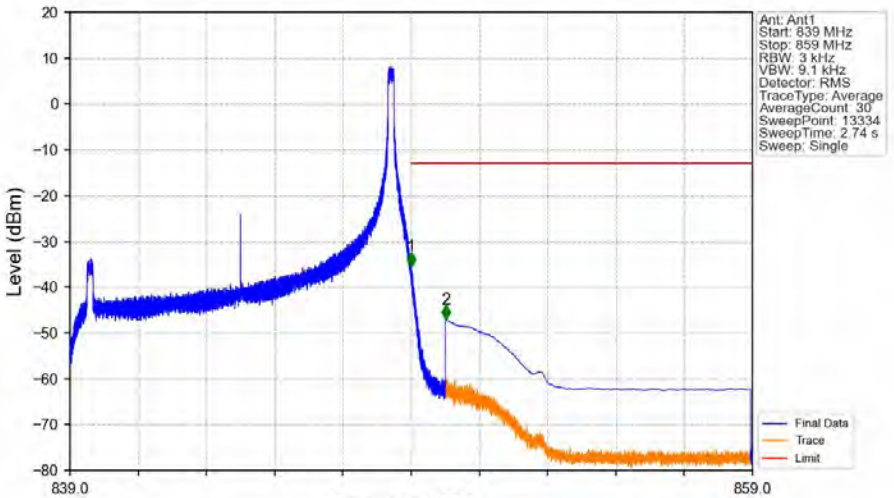
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

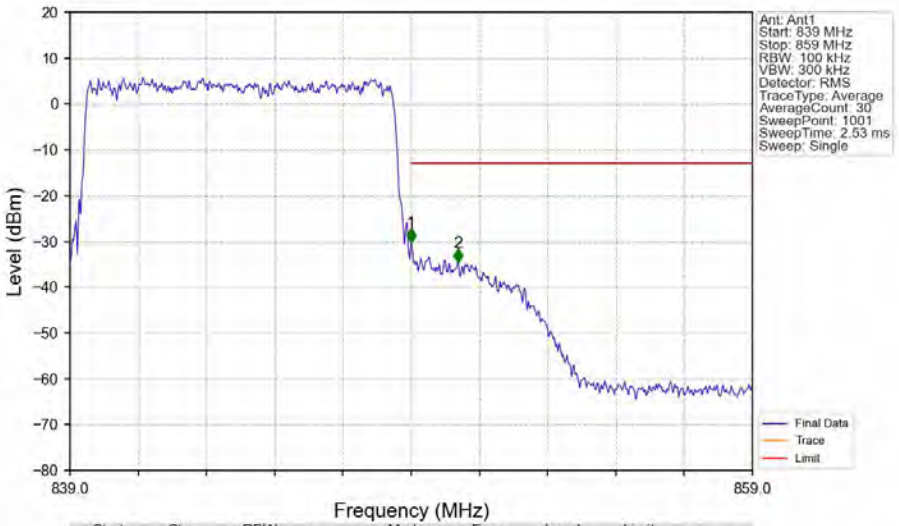


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



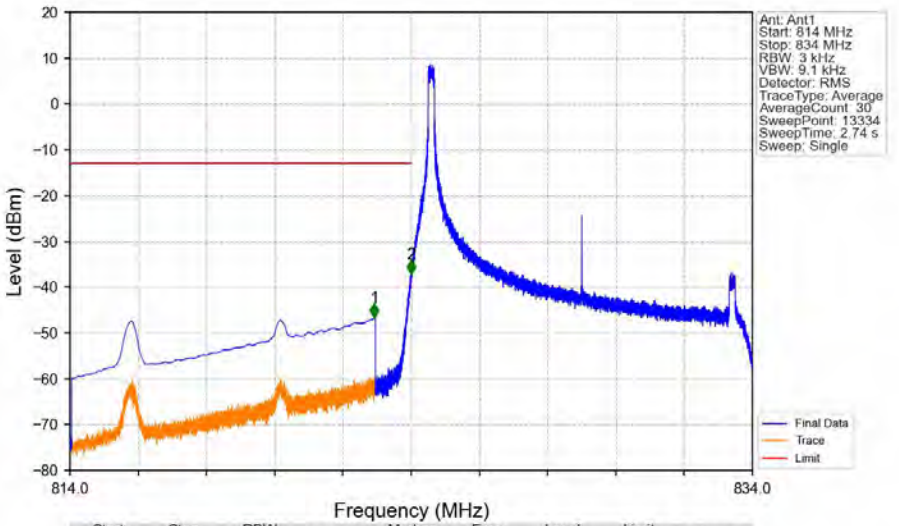
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-35.46	-13	Pass
850	859	0.1	CHP	2	850.018	-46.97	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



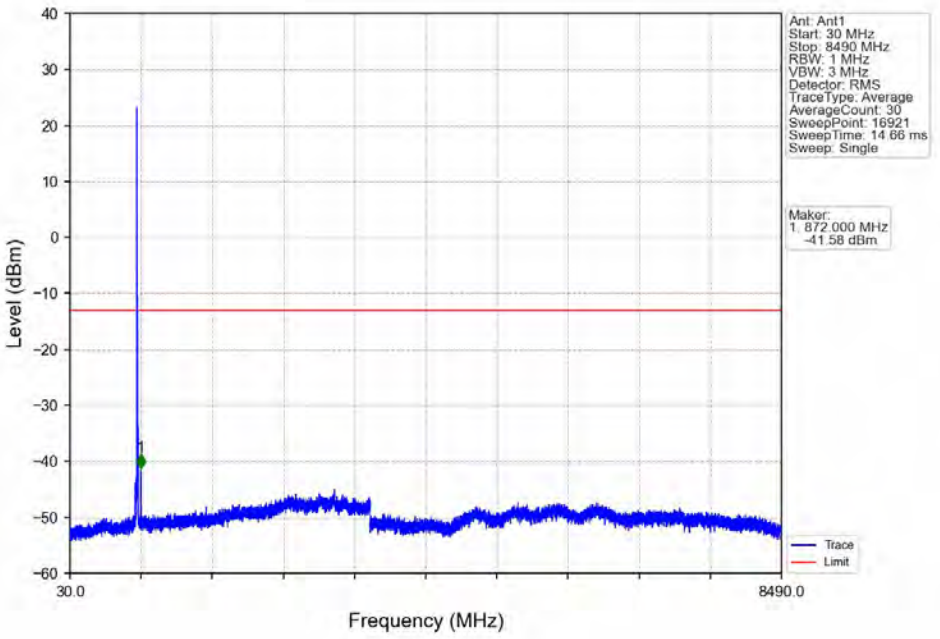
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	/	/	/	/	/	/
849	850	0.101	/	1	849.000	-30.26	-13	Pass
850	859	0.1	/	2	850.380	-34.72	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

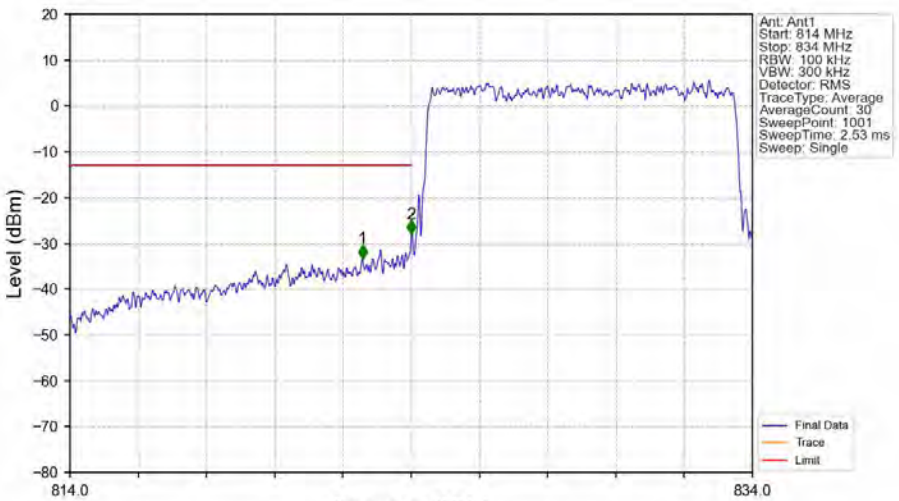


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.918	-46.73	-13	Pass
823	824	0.003	/	2	823.996	-37.16	-13	Pass
824	834	0.003	/	/	/	/	/	/

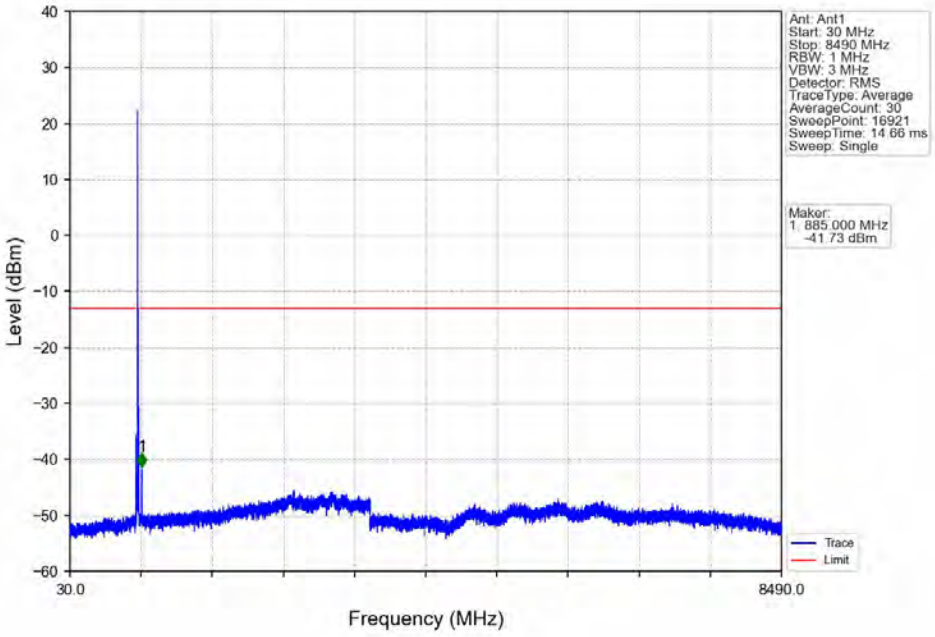
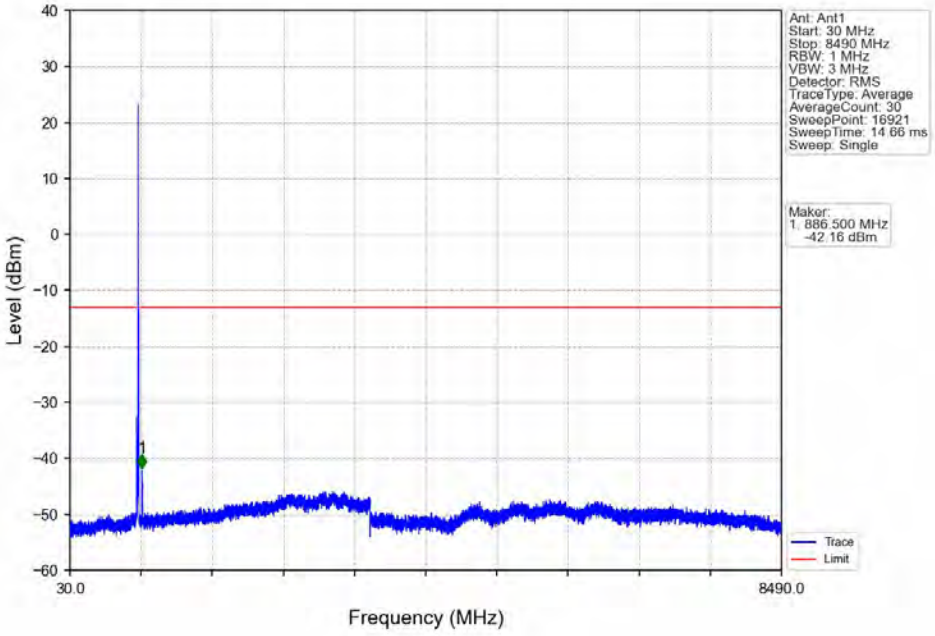
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



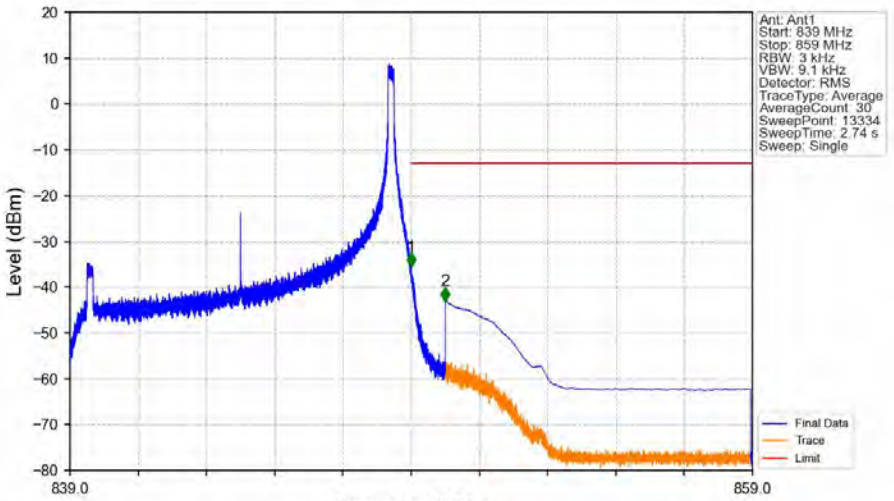
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.580	-33.37	-13	Pass
823	824	0.101	/	2	824.000	-28.03	-13	Pass
824	834	0.101	/	/	/	/	/	/

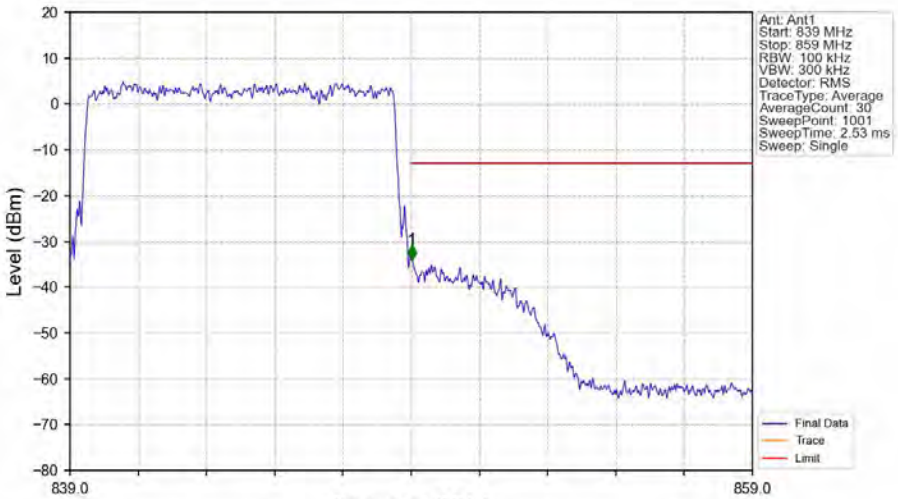
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

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	-35.50	-13	Pass
850	859	0.1	CHP	2	850.001	-43.05	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.020	-34.00	-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	0.2630	0.0567	ppm	1M12G7D	22H	24.20
5	1.4	824.7	848.3	0.2350	0.0541	ppm	1M12W7D	22H	23.71
5	3	825.5	847.5	0.2070	0.0541	ppm	2M77G7D	22H	23.16
5	3	825.5	847.5	0.2032	0.0456	ppm	2M75W7D	22H	23.08
5	5	826.5	846.5	0.2655	0.0526	ppm	4M56G7D	22H	24.24
5	5	826.5	846.5	0.2344	0.0552	ppm	4M58W7D	22H	23.70
5	10	829	844	0.2559	0.0492	ppm	9M08G7D	22H	24.08
5	10	829	844	0.2667	0.0446	ppm	9M07W7D	22H	24.26

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	0.1469	0.0567	ppm	1M12G7D	22H	21.67
5	1.4	824.7	848.3	0.1312	0.0541	ppm	1M12W7D	22H	21.18
5	3	825.5	847.5	0.1156	0.0541	ppm	2M77G7D	22H	20.63
5	3	825.5	847.5	0.1135	0.0456	ppm	2M75W7D	22H	20.55
5	5	826.5	846.5	0.1483	0.0526	ppm	4M56G7D	22H	21.71
5	5	826.5	846.5	0.1309	0.0552	ppm	4M58W7D	22H	21.17
5	10	829	844	0.1429	0.0492	ppm	9M08G7D	22H	21.55
5	10	829	844	0.1489	0.0446	ppm	9M07W7D	22H	21.73