

Appendix - LTE Band: 5

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

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	22.68	-1.47	19.06	<=38.45	Pass	
			2	22.74	-1.47	19.12	<=38.45	Pass	
			5	22.75	-1.47	19.13	<=38.45	Pass	
		3	0	22.82	-1.47	19.20	<=38.45	Pass	
			2	22.67	-1.47	19.05	<=38.45	Pass	
			3	22.75	-1.47	19.13	<=38.45	Pass	
		6	0	21.66	-1.47	18.04	<=38.45	Pass	
		836.5	1	0	22.50	-1.47	18.88	<=38.45	Pass
				2	22.47	-1.47	18.85	<=38.45	Pass
	5			22.46	-1.47	18.84	<=38.45	Pass	
	3		0	22.56	-1.47	18.94	<=38.45	Pass	
			2	22.59	-1.47	18.97	<=38.45	Pass	
			3	22.57	-1.47	18.95	<=38.45	Pass	
	6		0	21.52	-1.47	17.90	<=38.45	Pass	
	848.3		1	0	22.70	-1.47	19.08	<=38.45	Pass
				2	22.67	-1.47	19.05	<=38.45	Pass
		5		22.64	-1.47	19.02	<=38.45	Pass	
		3	0	22.57	-1.47	18.95	<=38.45	Pass	
			2	22.56	-1.47	18.94	<=38.45	Pass	
			3	22.56	-1.47	18.94	<=38.45	Pass	
		6	0	21.53	-1.47	17.91	<=38.45	Pass	
16QAM		824.7	1	0	22.38	-1.47	18.76	<=38.45	Pass
				2	22.31	-1.47	18.69	<=38.45	Pass
	5			22.37	-1.47	18.75	<=38.45	Pass	
	3		0	21.75	-1.47	18.13	<=38.45	Pass	
			2	21.78	-1.47	18.16	<=38.45	Pass	
			3	21.72	-1.47	18.10	<=38.45	Pass	
	6		0	20.91	-1.47	17.29	<=38.45	Pass	
	836.5	1	0	22.16	-1.47	18.54	<=38.45	Pass	
			2	22.15	-1.47	18.53	<=38.45	Pass	
			5	22.16	-1.47	18.54	<=38.45	Pass	
		3	0	21.46	-1.47	17.84	<=38.45	Pass	
			2	21.50	-1.47	17.88	<=38.45	Pass	
			3	21.44	-1.47	17.82	<=38.45	Pass	
	6	0	20.57	-1.47	16.95	<=38.45	Pass		
	848.3	1	0	21.63	-1.47	18.01	<=38.45	Pass	
			2	21.62	-1.47	18.00	<=38.45	Pass	
			5	21.64	-1.47	18.02	<=38.45	Pass	
		3	0	21.32	-1.47	17.70	<=38.45	Pass	
			2	21.32	-1.47	17.70	<=38.45	Pass	
			3	21.29	-1.47	17.67	<=38.45	Pass	
		6	0	20.67	-1.47	17.05	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	825.5	1	0	22.73	-1.47	19.11	<=38.45	Pass	
			7	22.81	-1.47	19.19	<=38.45	Pass	
			14	22.68	-1.47	19.06	<=38.45	Pass	
		8	0	21.64	-1.47	18.02	<=38.45	Pass	
			4	21.68	-1.47	18.06	<=38.45	Pass	
			7	21.66	-1.47	18.04	<=38.45	Pass	
		15	0	21.61	-1.47	17.99	<=38.45	Pass	
		836.5	1	0	22.56	-1.47	18.94	<=38.45	Pass
				7	22.63	-1.47	19.01	<=38.45	Pass
	14			22.57	-1.47	18.95	<=38.45	Pass	
	8		0	21.55	-1.47	17.93	<=38.45	Pass	
			4	21.63	-1.47	18.01	<=38.45	Pass	
			7	21.53	-1.47	17.91	<=38.45	Pass	
	15	0	21.60	-1.47	17.98	<=38.45	Pass		
	847.5	1	0	22.51	-1.47	18.89	<=38.45	Pass	
			7	22.55	-1.47	18.93	<=38.45	Pass	
			14	22.62	-1.47	19.00	<=38.45	Pass	
		8	0	21.55	-1.47	17.93	<=38.45	Pass	
			4	21.62	-1.47	18.00	<=38.45	Pass	
			7	21.57	-1.47	17.95	<=38.45	Pass	
		15	0	21.57	-1.47	17.95	<=38.45	Pass	
16QAM		825.5	1	0	21.97	-1.47	18.35	<=38.45	Pass
				7	22.01	-1.47	18.39	<=38.45	Pass
	14			21.97	-1.47	18.35	<=38.45	Pass	
	8		0	20.87	-1.47	17.25	<=38.45	Pass	
			4	20.96	-1.47	17.34	<=38.45	Pass	
			7	20.78	-1.47	17.16	<=38.45	Pass	
	15		0	20.70	-1.47	17.08	<=38.45	Pass	
	836.5		1	0	22.20	-1.47	18.58	<=38.45	Pass
				7	22.16	-1.47	18.54	<=38.45	Pass
		14		22.19	-1.47	18.57	<=38.45	Pass	
		8	0	20.63	-1.47	17.01	<=38.45	Pass	
			4	20.71	-1.47	17.09	<=38.45	Pass	
			7	20.68	-1.47	17.06	<=38.45	Pass	
	15	0	20.66	-1.47	17.04	<=38.45	Pass		
	847.5	1	0	22.40	-1.47	18.78	<=38.45	Pass	
			7	22.36	-1.47	18.74	<=38.45	Pass	
			14	22.40	-1.47	18.78	<=38.45	Pass	
		8	0	20.74	-1.47	17.12	<=38.45	Pass	
			4	20.83	-1.47	17.21	<=38.45	Pass	
			7	20.80	-1.47	17.18	<=38.45	Pass	
		15	0	20.71	-1.47	17.09	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	22.74	-1.47	19.12	<=38.45	Pass
			13	22.48	-1.47	18.86	<=38.45	Pass
			24	22.44	-1.47	18.82	<=38.45	Pass
		12	0	21.72	-1.47	18.10	<=38.45	Pass
			6	21.58	-1.47	17.96	<=38.45	Pass

		25	13	21.55	-1.47	17.93	<=38.45	Pass
			0	21.60	-1.47	17.98	<=38.45	Pass
	836.5	1	0	22.54	-1.47	18.92	<=38.45	Pass
			13	22.52	-1.47	18.90	<=38.45	Pass
			24	22.53	-1.47	18.91	<=38.45	Pass
		12	0	21.48	-1.47	17.86	<=38.45	Pass
			6	21.54	-1.47	17.92	<=38.45	Pass
			13	21.46	-1.47	17.84	<=38.45	Pass
		25	0	21.55	-1.47	17.93	<=38.45	Pass
	846.5	1	0	22.44	-1.47	18.82	<=38.45	Pass
			13	22.49	-1.47	18.87	<=38.45	Pass
			24	22.50	-1.47	18.88	<=38.45	Pass
		12	0	21.57	-1.47	17.95	<=38.45	Pass
			6	21.47	-1.47	17.85	<=38.45	Pass
			13	21.55	-1.47	17.93	<=38.45	Pass
		25	0	21.52	-1.47	17.90	<=38.45	Pass
16QAM	826.5	1	0	22.25	-1.47	18.63	<=38.45	Pass
			13	22.18	-1.47	18.56	<=38.45	Pass
			24	22.20	-1.47	18.58	<=38.45	Pass
		12	0	20.68	-1.47	17.06	<=38.45	Pass
			6	20.65	-1.47	17.03	<=38.45	Pass
			13	20.63	-1.47	17.01	<=38.45	Pass
		25	0	20.77	-1.47	17.15	<=38.45	Pass
	836.5	1	0	21.93	-1.47	18.31	<=38.45	Pass
			13	21.97	-1.47	18.35	<=38.45	Pass
			24	22.01	-1.47	18.39	<=38.45	Pass
		12	0	20.39	-1.47	16.77	<=38.45	Pass
			6	20.46	-1.47	16.84	<=38.45	Pass
			13	20.49	-1.47	16.87	<=38.45	Pass
		25	0	20.56	-1.47	16.94	<=38.45	Pass
	846.5	1	0	21.32	-1.47	17.70	<=38.45	Pass
			13	21.30	-1.47	17.68	<=38.45	Pass
			24	21.33	-1.47	17.71	<=38.45	Pass
		12	0	20.52	-1.47	16.90	<=38.45	Pass
			6	20.55	-1.47	16.93	<=38.45	Pass
			13	20.61	-1.47	16.99	<=38.45	Pass
		25	0	20.61	-1.47	16.99	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

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	22.79	-1.47	19.17	<=38.45	Pass
			25	22.63	-1.47	19.01	<=38.45	Pass
			49	22.53	-1.47	18.91	<=38.45	Pass
		25	0	21.61	-1.47	17.99	<=38.45	Pass
			13	21.57	-1.47	17.95	<=38.45	Pass
			25	21.68	-1.47	18.06	<=38.45	Pass
		50	0	21.51	-1.47	17.89	<=38.45	Pass
	836.5	1	0	22.51	-1.47	18.89	<=38.45	Pass
			25	22.43	-1.47	18.81	<=38.45	Pass
			49	22.49	-1.47	18.87	<=38.45	Pass
		25	0	21.55	-1.47	17.93	<=38.45	Pass
			13	21.52	-1.47	17.90	<=38.45	Pass
			25	21.42	-1.47	17.80	<=38.45	Pass
		50	0	21.49	-1.47	17.87	<=38.45	Pass
	844	1	0	22.41	-1.47	18.79	<=38.45	Pass
			25	22.49	-1.47	18.87	<=38.45	Pass

16QAM	829	25	49	22.57	-1.47	18.95	<=38.45	Pass
			0	21.57	-1.47	17.95	<=38.45	Pass
			13	21.58	-1.47	17.96	<=38.45	Pass
			25	21.62	-1.47	18.00	<=38.45	Pass
		50	0	21.53	-1.47	17.91	<=38.45	Pass
	836.5	1	0	21.72	-1.47	18.10	<=38.45	Pass
			25	21.59	-1.47	17.97	<=38.45	Pass
			49	21.54	-1.47	17.92	<=38.45	Pass
		25	0	20.76	-1.47	17.14	<=38.45	Pass
			13	20.75	-1.47	17.13	<=38.45	Pass
			25	20.74	-1.47	17.12	<=38.45	Pass
		50	0	20.67	-1.47	17.05	<=38.45	Pass
		1	0	22.75	-1.47	19.13	<=38.45	Pass
			25	22.67	-1.47	19.05	<=38.45	Pass
			49	22.80	-1.47	19.18	<=38.45	Pass
	844	25	0	20.56	-1.47	16.94	<=38.45	Pass
			13	20.57	-1.47	16.95	<=38.45	Pass
			25	20.62	-1.47	17.00	<=38.45	Pass
		50	0	20.67	-1.47	17.05	<=38.45	Pass
		1	0	22.47	-1.47	18.85	<=38.45	Pass
			25	22.52	-1.47	18.90	<=38.45	Pass
			49	22.48	-1.47	18.86	<=38.45	Pass
		25	0	20.55	-1.47	16.93	<=38.45	Pass
			13	20.62	-1.47	17.00	<=38.45	Pass
			25	20.60	-1.47	16.98	<=38.45	Pass
		50	0	20.64	-1.47	17.02	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-46.163	-0.0560	-2.5 to 2.5	Pass
					3.85	-24.247	-0.0294	-2.5 to 2.5	Pass
					4.43	-45.047	-0.0546	-2.5 to 2.5	Pass
				-30	3.85	-36.478	-0.0442	-2.5 to 2.5	Pass
				-20	3.85	-44.131	-0.0535	-2.5 to 2.5	Pass
				-10	3.85	-42.386	-0.0514	-2.5 to 2.5	Pass
				0	3.85	-35.419	-0.0429	-2.5 to 2.5	Pass
				10	3.85	-26.150	-0.0317	-2.5 to 2.5	Pass
				30	3.85	-18.225	-0.0221	-2.5 to 2.5	Pass
				40	3.85	-19.484	-0.0236	-2.5 to 2.5	Pass
	50	3.85	-31.199	-0.0378	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	16.937	0.0202	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0087	-2.5 to 2.5	Pass
					4.43	-3.290	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-45.462	-0.0543	-2.5 to 2.5	Pass
				-20	3.85	-35.148	-0.0420	-2.5 to 2.5	Pass
				-10	3.85	-26.979	-0.0323	-2.5 to 2.5	Pass
				0	3.85	-22.516	-0.0269	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-36.221	-0.0433	-2.5 to 2.5	Pass
				40	3.85	-16.279	-0.0195	-2.5 to 2.5	Pass

16QAM	848.3	6	0	50	3.85	-48.394	-0.0579	-2.5 to 2.5	Pass
				20	3.27	23.403	0.0276	-2.5 to 2.5	Pass
					3.85	7.110	0.0084	-2.5 to 2.5	Pass
					4.43	-26.636	-0.0314	-2.5 to 2.5	Pass
				-30	3.85	-3.676	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-32.887	-0.0388	-2.5 to 2.5	Pass
				-10	3.85	-21.801	-0.0257	-2.5 to 2.5	Pass
				0	3.85	-46.592	-0.0549	-2.5 to 2.5	Pass
				10	3.85	-20.313	-0.0239	-2.5 to 2.5	Pass
				30	3.85	-43.230	-0.0510	-2.5 to 2.5	Pass
	824.7	6	0	40	3.85	-16.007	-0.0189	-2.5 to 2.5	Pass
				50	3.85	-36.979	-0.0436	-2.5 to 2.5	Pass
				20	3.27	-24.920	-0.0302	-2.5 to 2.5	Pass
					3.85	-34.046	-0.0413	-2.5 to 2.5	Pass
					4.43	-12.975	-0.0157	-2.5 to 2.5	Pass
				-30	3.85	-24.490	-0.0297	-2.5 to 2.5	Pass
				-20	3.85	-30.899	-0.0375	-2.5 to 2.5	Pass
				-10	3.85	-34.204	-0.0415	-2.5 to 2.5	Pass
				0	3.85	-35.305	-0.0428	-2.5 to 2.5	Pass
				10	3.85	-43.173	-0.0523	-2.5 to 2.5	Pass
				30	3.85	-41.699	-0.0506	-2.5 to 2.5	Pass
				40	3.85	-36.421	-0.0442	-2.5 to 2.5	Pass
				50	3.85	-29.855	-0.0362	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-26.565	-0.0318	-2.5 to 2.5	Pass
					3.85	-42.286	-0.0506	-2.5 to 2.5	Pass
					4.43	-15.807	-0.0189	-2.5 to 2.5	Pass
				-30	3.85	-33.474	-0.0400	-2.5 to 2.5	Pass
				-20	3.85	-33.717	-0.0403	-2.5 to 2.5	Pass
				-10	3.85	-13.418	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-30.727	-0.0367	-2.5 to 2.5	Pass
				10	3.85	2.518	0.0030	-2.5 to 2.5	Pass
				30	3.85	-13.061	-0.0156	-2.5 to 2.5	Pass
				40	3.85	-29.254	-0.0350	-2.5 to 2.5	Pass
				50	3.85	-44.417	-0.0531	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-8.984	-0.0106	-2.5 to 2.5	Pass
					3.85	-17.009	-0.0201	-2.5 to 2.5	Pass
					4.43	-24.734	-0.0292	-2.5 to 2.5	Pass
				-30	3.85	-36.049	-0.0425	-2.5 to 2.5	Pass
				-20	3.85	-45.691	-0.0539	-2.5 to 2.5	Pass
				-10	3.85	-8.512	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-16.551	-0.0195	-2.5 to 2.5	Pass
				10	3.85	-25.363	-0.0299	-2.5 to 2.5	Pass
				30	3.85	-33.760	-0.0398	-2.5 to 2.5	Pass
				40	3.85	-44.575	-0.0525	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0043	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-5.364	-0.0065	-2.5 to 2.5	Pass
					3.85	-33.731	-0.0409	-2.5 to 2.5	Pass
					4.43	-28.553	-0.0346	-2.5 to 2.5	Pass
				-30	3.85	-31.071	-0.0376	-2.5 to 2.5	Pass
				-20	3.85	-14.648	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-14.420	-0.0175	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-40.927	-0.0496	-2.5 to 2.5	Pass
				30	3.85	-21.458	-0.0260	-2.5 to 2.5	Pass

16QAM	836.5	15	0	40	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				50	3.85	-25.334	-0.0307	-2.5 to 2.5	Pass
				20	3.27	25.034	0.0299	-2.5 to 2.5	Pass
					3.85	12.159	0.0145	-2.5 to 2.5	Pass
					4.43	-3.233	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-15.950	-0.0191	-2.5 to 2.5	Pass
				-20	3.85	-25.935	-0.0310	-2.5 to 2.5	Pass
				-10	3.85	-36.936	-0.0442	-2.5 to 2.5	Pass
				0	3.85	-46.220	-0.0553	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0080	-2.5 to 2.5	Pass
	847.5	15	0	30	3.85	-10.972	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-19.970	-0.0239	-2.5 to 2.5	Pass
				50	3.85	-27.823	-0.0333	-2.5 to 2.5	Pass
				20	3.27	19.212	0.0227	-2.5 to 2.5	Pass
					3.85	3.448	0.0041	-2.5 to 2.5	Pass
					4.43	-11.945	-0.0141	-2.5 to 2.5	Pass
				-30	3.85	-24.662	-0.0291	-2.5 to 2.5	Pass
				-20	3.85	-35.906	-0.0424	-2.5 to 2.5	Pass
				-10	3.85	-44.618	-0.0526	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0013	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-15.078	-0.0178	-2.5 to 2.5	Pass
				40	3.85	-23.932	-0.0282	-2.5 to 2.5	Pass
				50	3.85	-28.582	-0.0337	-2.5 to 2.5	Pass
	825.5	15	0	20	3.27	-3.018	-0.0037	-2.5 to 2.5	Pass
					3.85	-15.607	-0.0189	-2.5 to 2.5	Pass
					4.43	-25.334	-0.0307	-2.5 to 2.5	Pass
				-30	3.85	-37.322	-0.0452	-2.5 to 2.5	Pass
				-20	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-11.330	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-20.871	-0.0253	-2.5 to 2.5	Pass
				10	3.85	-31.543	-0.0382	-2.5 to 2.5	Pass
				30	3.85	-41.142	-0.0498	-2.5 to 2.5	Pass
				40	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-9.999	-0.0121	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-36.721	-0.0439	-2.5 to 2.5	Pass
					3.85	-35.892	-0.0429	-2.5 to 2.5	Pass
					4.43	-39.067	-0.0467	-2.5 to 2.5	Pass
				-30	3.85	-38.438	-0.0460	-2.5 to 2.5	Pass
				-20	3.85	-40.240	-0.0481	-2.5 to 2.5	Pass
				-10	3.85	-46.649	-0.0558	-2.5 to 2.5	Pass
				0	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.777	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-5.765	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-8.597	-0.0103	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-35.276	-0.0416	-2.5 to 2.5	Pass
					3.85	-37.308	-0.0440	-2.5 to 2.5	Pass
					4.43	-35.563	-0.0420	-2.5 to 2.5	Pass
				-30	3.85	-36.650	-0.0432	-2.5 to 2.5	Pass
				-20	3.85	-37.923	-0.0447	-2.5 to 2.5	Pass
				-10	3.85	-39.725	-0.0469	-2.5 to 2.5	Pass
				0	3.85	-41.342	-0.0488	-2.5 to 2.5	Pass
				10	3.85	-44.146	-0.0521	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-7.138	-0.0084	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-12.159	-0.0147	-2.5 to 2.5	Pass
					3.85	-42.214	-0.0511	-2.5 to 2.5	Pass
					4.43	-18.482	-0.0224	-2.5 to 2.5	Pass
				-30	3.85	-25.978	-0.0314	-2.5 to 2.5	Pass
				-20	3.85	-21.129	-0.0256	-2.5 to 2.5	Pass
				-10	3.85	-6.695	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-37.665	-0.0456	-2.5 to 2.5	Pass
				10	3.85	-14.648	-0.0177	-2.5 to 2.5	Pass
				30	3.85	-38.137	-0.0461	-2.5 to 2.5	Pass
				40	3.85	-17.166	-0.0208	-2.5 to 2.5	Pass
				50	3.85	-35.377	-0.0428	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	25.821	0.0309	-2.5 to 2.5	Pass
					3.85	6.781	0.0081	-2.5 to 2.5	Pass
					4.43	-3.762	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-12.016	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-17.409	-0.0208	-2.5 to 2.5	Pass
				-10	3.85	-24.505	-0.0293	-2.5 to 2.5	Pass
				0	3.85	-29.812	-0.0356	-2.5 to 2.5	Pass
				10	3.85	-36.235	-0.0433	-2.5 to 2.5	Pass
				30	3.85	-40.655	-0.0486	-2.5 to 2.5	Pass
				40	3.85	-44.003	-0.0526	-2.5 to 2.5	Pass
				50	3.85	1.731	0.0021	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	23.232	0.0274	-2.5 to 2.5	Pass
					3.85	2.160	0.0026	-2.5 to 2.5	Pass
					4.43	-6.237	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-11.258	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-15.507	-0.0183	-2.5 to 2.5	Pass
				-10	3.85	-21.572	-0.0255	-2.5 to 2.5	Pass
				0	3.85	-26.250	-0.0310	-2.5 to 2.5	Pass
				10	3.85	-29.225	-0.0345	-2.5 to 2.5	Pass
				30	3.85	-31.543	-0.0373	-2.5 to 2.5	Pass
				40	3.85	-35.348	-0.0418	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-3.648	-0.0044	-2.5 to 2.5	Pass
					3.85	-9.799	-0.0119	-2.5 to 2.5	Pass
					4.43	-15.764	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-23.804	-0.0288	-2.5 to 2.5	Pass
				-20	3.85	-29.926	-0.0362	-2.5 to 2.5	Pass
				-10	3.85	-35.892	-0.0434	-2.5 to 2.5	Pass
				0	3.85	-42.057	-0.0509	-2.5 to 2.5	Pass
				10	3.85	-28.267	-0.0342	-2.5 to 2.5	Pass
				30	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-6.838	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-12.231	-0.0148	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-3.762	-0.0045	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-4.907	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-4.992	-0.0060	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-40.383	-0.0477	-2.5 to 2.5	Pass
					3.85	-39.897	-0.0471	-2.5 to 2.5	Pass

					4.43	-36.120	-0.0427	-2.5 to 2.5	Pass
				-30	3.85	-37.680	-0.0445	-2.5 to 2.5	Pass
				-20	3.85	-37.279	-0.0440	-2.5 to 2.5	Pass
				-10	3.85	-37.937	-0.0448	-2.5 to 2.5	Pass
				0	3.85	-37.737	-0.0446	-2.5 to 2.5	Pass
				10	3.85	-38.424	-0.0454	-2.5 to 2.5	Pass
				30	3.85	-39.539	-0.0467	-2.5 to 2.5	Pass
				40	3.85	-40.269	-0.0476	-2.5 to 2.5	Pass
				50	3.85	-41.227	-0.0487	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	2.489	0.0030	-2.5 to 2.5	Pass
					3.85	-15.292	-0.0184	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-25.592	-0.0309	-2.5 to 2.5	Pass
				-20	3.85	-43.230	-0.0521	-2.5 to 2.5	Pass
				-10	3.85	-8.140	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-17.810	-0.0215	-2.5 to 2.5	Pass
				10	3.85	-27.266	-0.0329	-2.5 to 2.5	Pass
				30	3.85	-34.146	-0.0412	-2.5 to 2.5	Pass
				40	3.85	-40.183	-0.0485	-2.5 to 2.5	Pass
				50	3.85	-45.733	-0.0552	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	20.127	0.0241	-2.5 to 2.5	Pass
					3.85	-4.277	-0.0051	-2.5 to 2.5	Pass
					4.43	-8.025	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-10.757	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-12.531	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-13.890	-0.0166	-2.5 to 2.5	Pass
				0	3.85	-14.863	-0.0178	-2.5 to 2.5	Pass
				10	3.85	-16.980	-0.0203	-2.5 to 2.5	Pass
				30	3.85	-16.437	-0.0196	-2.5 to 2.5	Pass
				40	3.85	-16.522	-0.0198	-2.5 to 2.5	Pass
				50	3.85	-17.910	-0.0214	-2.5 to 2.5	Pass
	844	50	0	20	3.27	24.347	0.0288	-2.5 to 2.5	Pass
					3.85	-3.891	-0.0046	-2.5 to 2.5	Pass
					4.43	-1.645	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.272	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.675	0.0032	-2.5 to 2.5	Pass
				10	3.85	3.762	0.0045	-2.5 to 2.5	Pass
				30	3.85	4.907	0.0058	-2.5 to 2.5	Pass
				40	3.85	7.939	0.0094	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-19.555	-0.0236	-2.5 to 2.5	Pass
					3.85	2.918	0.0035	-2.5 to 2.5	Pass
					4.43	2.689	0.0032	-2.5 to 2.5	Pass
				-30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.903	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-17.066	-0.0204	-2.5 to 2.5	Pass

					3.85	-12.288	-0.0147	-2.5 to 2.5	Pass
					4.43	-13.962	-0.0167	-2.5 to 2.5	Pass
				-30	3.85	-14.706	-0.0176	-2.5 to 2.5	Pass
				-20	3.85	-13.118	-0.0157	-2.5 to 2.5	Pass
				-10	3.85	-14.691	-0.0176	-2.5 to 2.5	Pass
				0	3.85	-14.935	-0.0179	-2.5 to 2.5	Pass
				10	3.85	-15.864	-0.0190	-2.5 to 2.5	Pass
				30	3.85	-15.593	-0.0186	-2.5 to 2.5	Pass
				40	3.85	-16.451	-0.0197	-2.5 to 2.5	Pass
				50	3.85	-15.306	-0.0183	-2.5 to 2.5	Pass
	844	50	0	20	3.27	9.656	0.0114	-2.5 to 2.5	Pass
					3.85	12.946	0.0153	-2.5 to 2.5	Pass
					4.43	13.676	0.0162	-2.5 to 2.5	Pass
				-30	3.85	11.215	0.0133	-2.5 to 2.5	Pass
				-20	3.85	9.942	0.0118	-2.5 to 2.5	Pass
				-10	3.85	10.371	0.0123	-2.5 to 2.5	Pass
				0	3.85	9.055	0.0107	-2.5 to 2.5	Pass
				10	3.85	9.613	0.0114	-2.5 to 2.5	Pass
				30	3.85	10.099	0.0120	-2.5 to 2.5	Pass
				40	3.85	10.500	0.0124	-2.5 to 2.5	Pass
				50	3.85	10.571	0.0125	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

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 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTV						
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

3.1.3 B5_5MHz

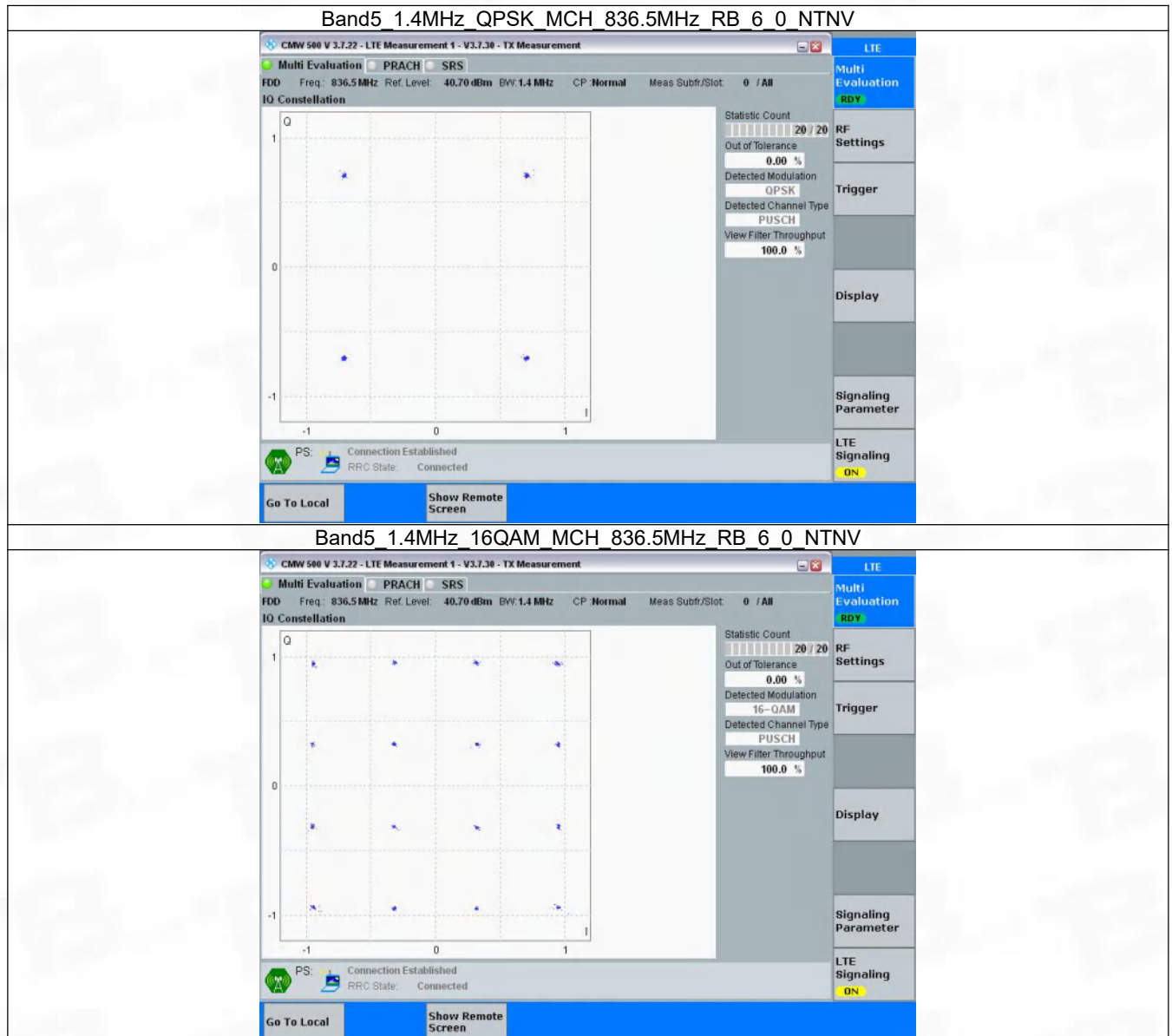
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

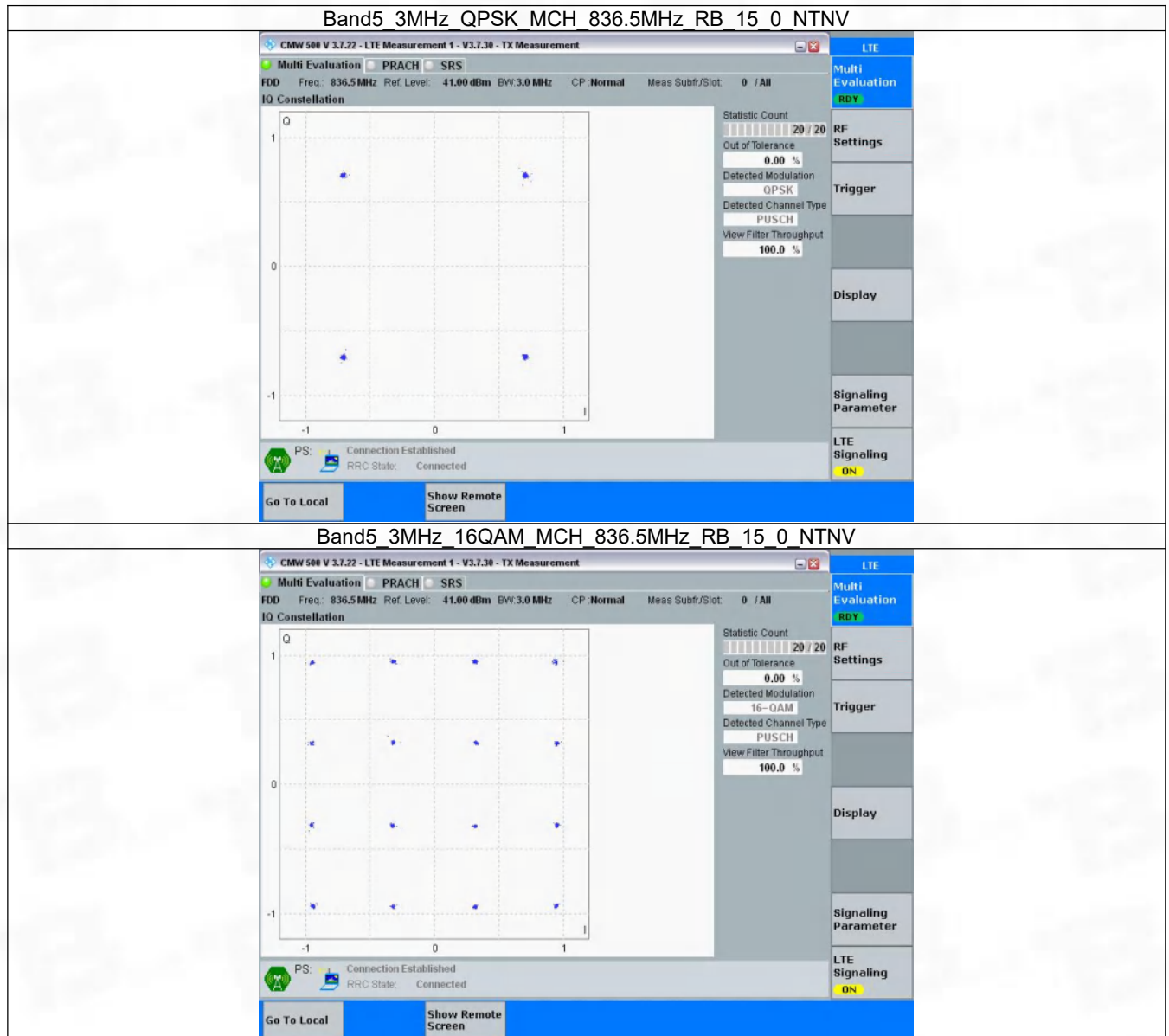
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

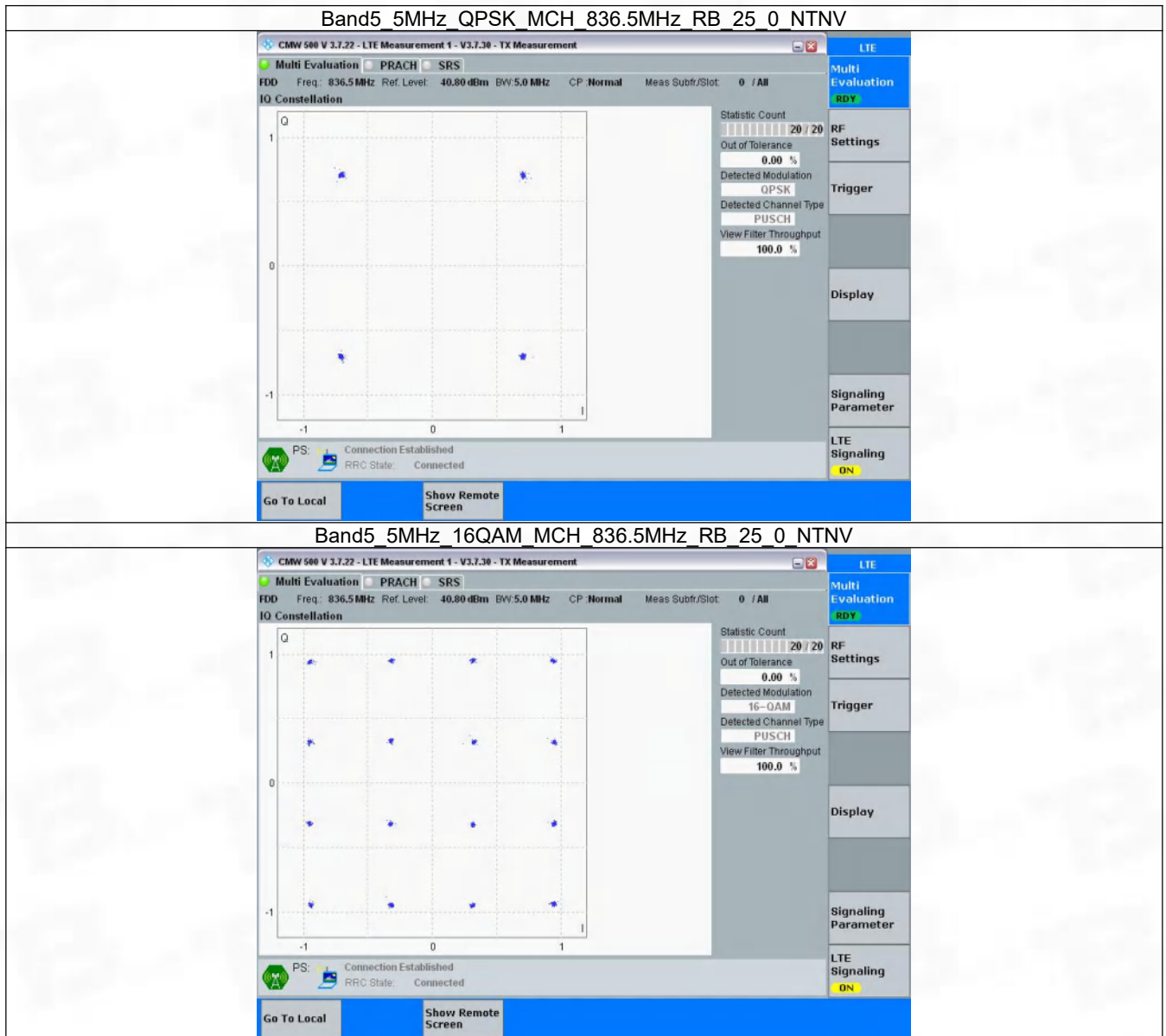
3.2.1 B5_1.4MHz



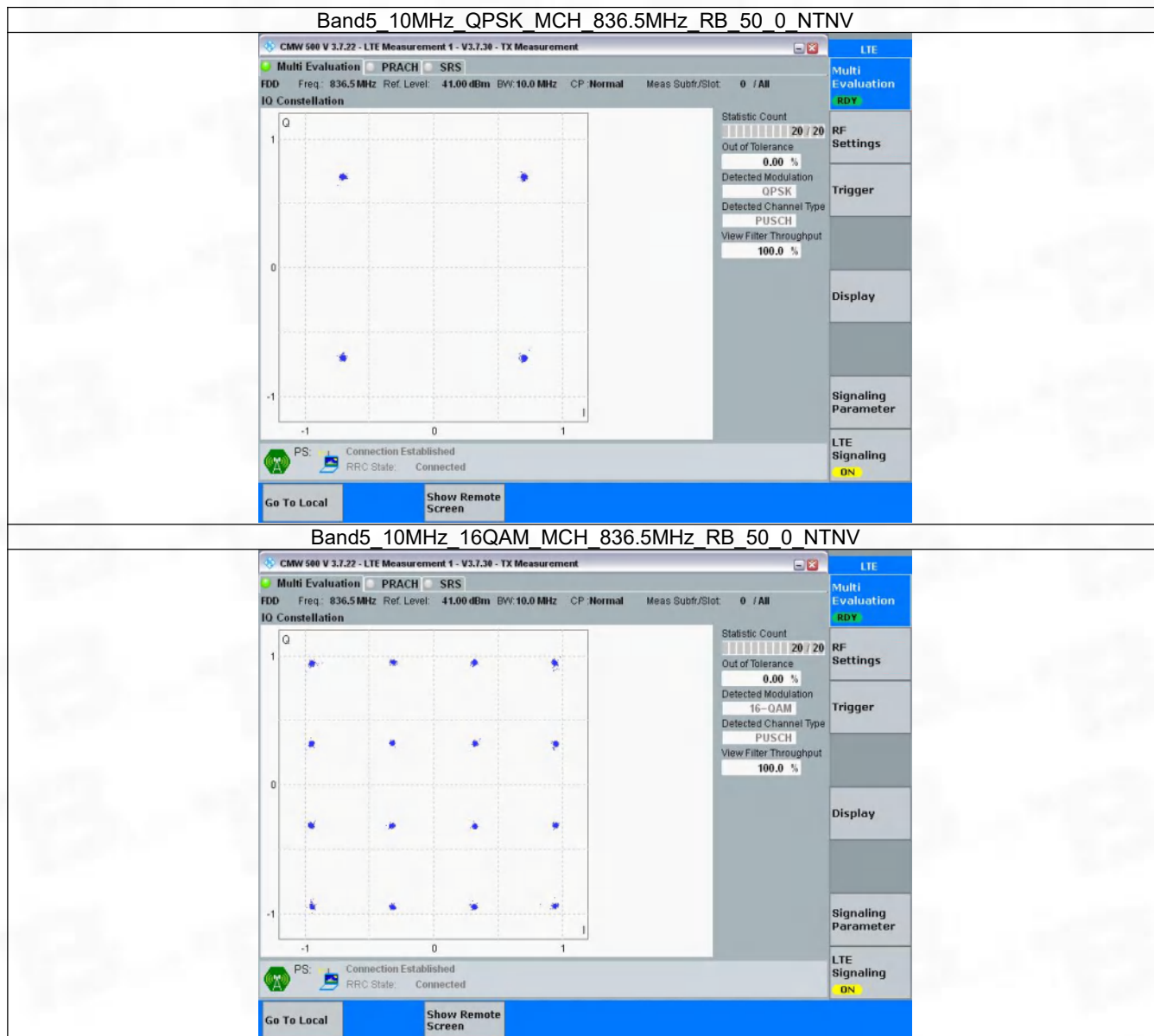
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.117	/	Pass
		836.5	6	0	1.110	/	Pass
		848.3	6	0	1.115	/	Pass
	16QAM	824.7	6	0	1.120	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.119	/	Pass
3	QPSK	825.5	15	0	2.765	/	Pass
		836.5	15	0	2.753	/	Pass
		847.5	15	0	2.758	/	Pass
	16QAM	825.5	15	0	2.763	/	Pass
		836.5	15	0	2.736	/	Pass
		847.5	15	0	2.750	/	Pass
5	QPSK	826.5	25	0	4.550	/	Pass
		836.5	25	0	4.535	/	Pass
		846.5	25	0	4.571	/	Pass
	16QAM	826.5	25	0	4.551	/	Pass
		836.5	25	0	4.580	/	Pass
		846.5	25	0	4.552	/	Pass
10	QPSK	829	50	0	9.090	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.080	/	Pass
	16QAM	829	50	0	9.081	/	Pass
		836.5	50	0	9.046	/	Pass
		844	50	0	9.088	/	Pass

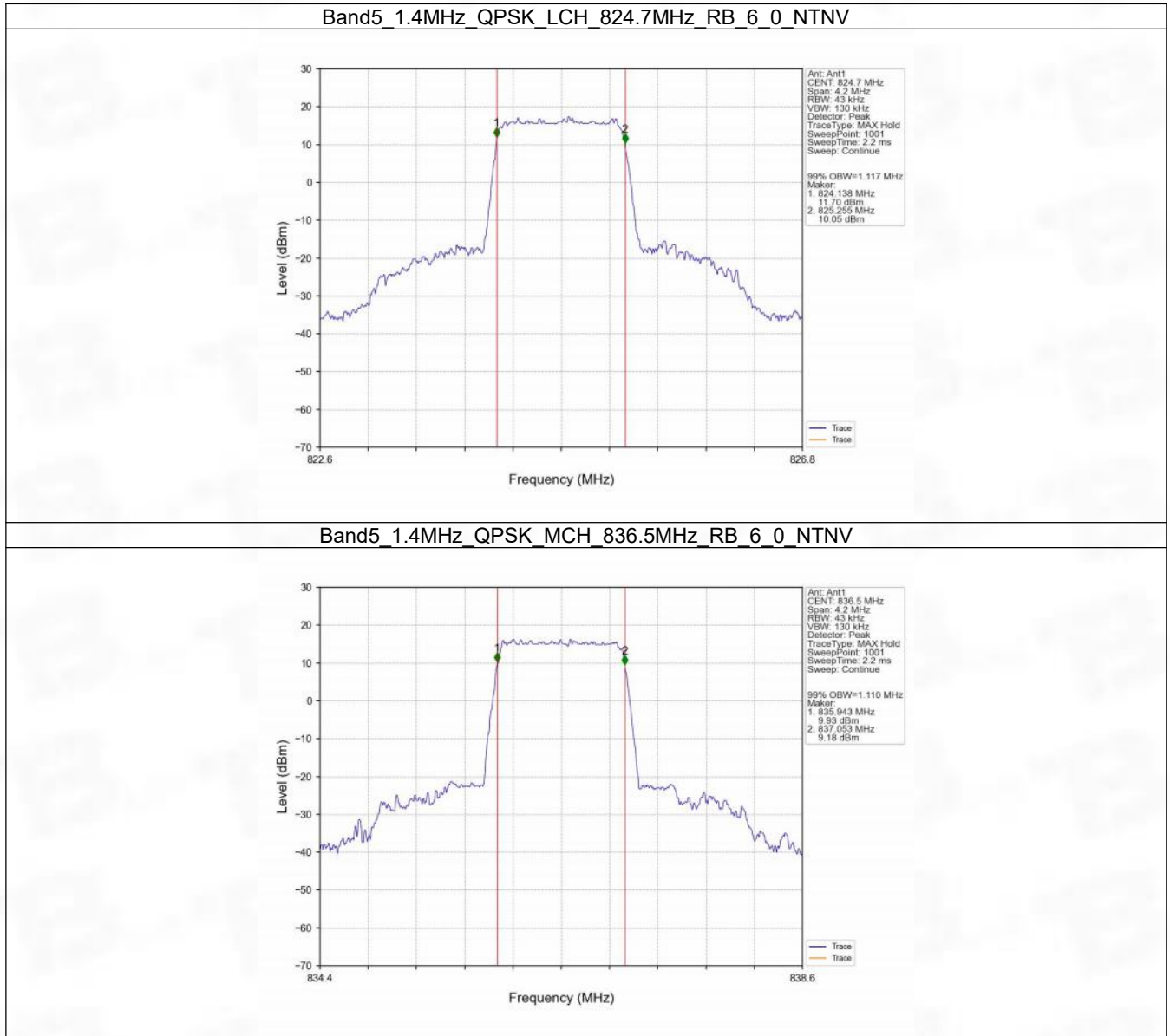
4.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.274	/	Pass
		836.5	6	0	1.272	/	Pass
		848.3	6	0	1.274	/	Pass
	16QAM	824.7	6	0	1.276	/	Pass
		836.5	6	0	1.267	/	Pass
		848.3	6	0	1.272	/	Pass
3	QPSK	825.5	15	0	3.108	/	Pass
		836.5	15	0	3.090	/	Pass
		847.5	15	0	3.091	/	Pass
	16QAM	825.5	15	0	3.127	/	Pass
		836.5	15	0	3.090	/	Pass
		847.5	15	0	3.107	/	Pass
5	QPSK	826.5	25	0	5.037	/	Pass
		836.5	25	0	5.040	/	Pass
		846.5	25	0	5.075	/	Pass
	16QAM	826.5	25	0	5.081	/	Pass
		836.5	25	0	5.091	/	Pass
		846.5	25	0	5.077	/	Pass

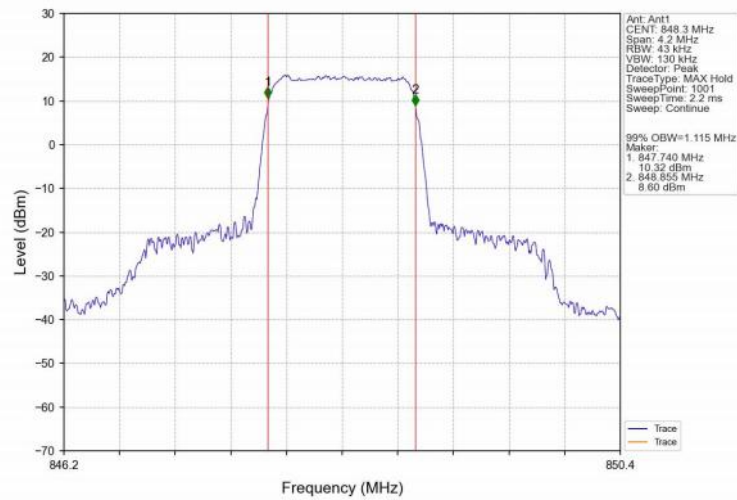
10	QPSK	829	50	0	10.055	/	Pass
		836.5	50	0	10.094	/	Pass
		844	50	0	10.060	/	Pass
	16QAM	829	50	0	10.102	/	Pass
		836.5	50	0	10.031	/	Pass
		844	50	0	10.065	/	Pass

4.2 Test Graph

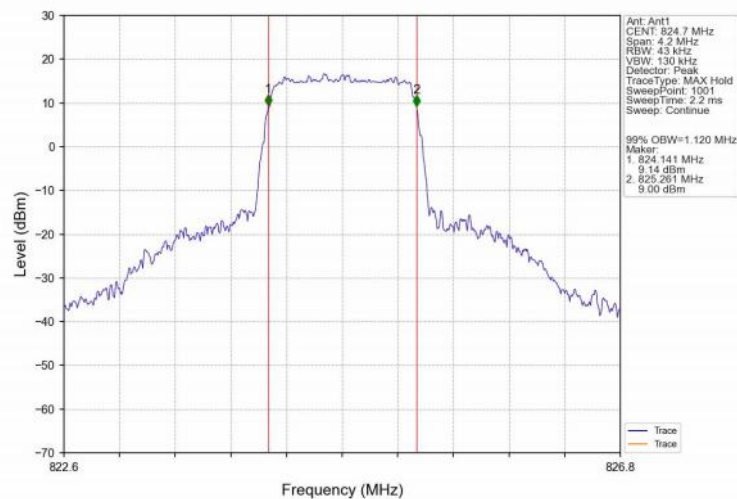
4.2.1 Band5_OBW



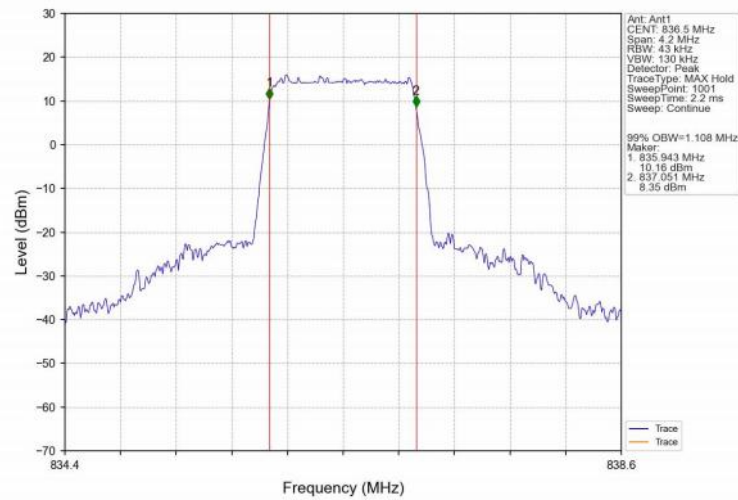
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



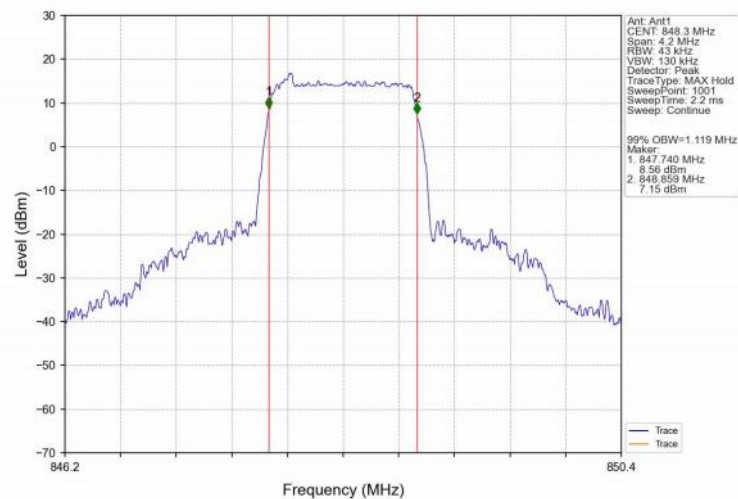
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



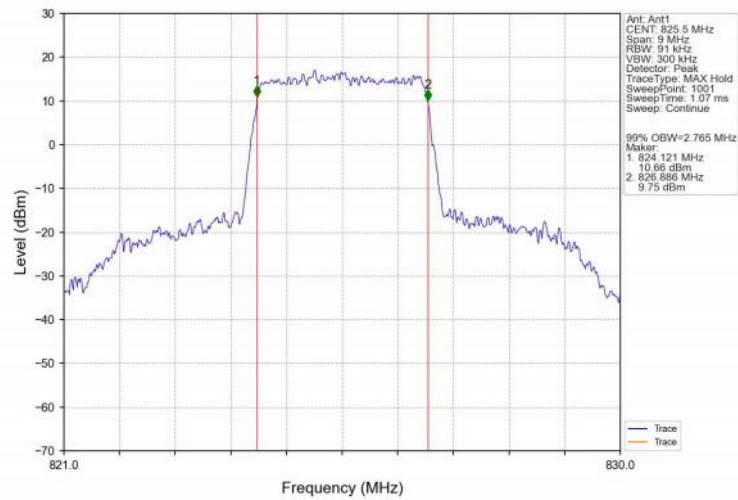
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



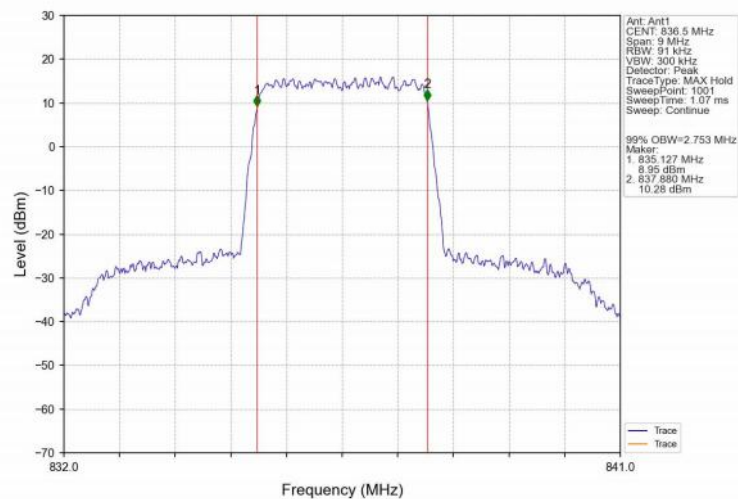
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



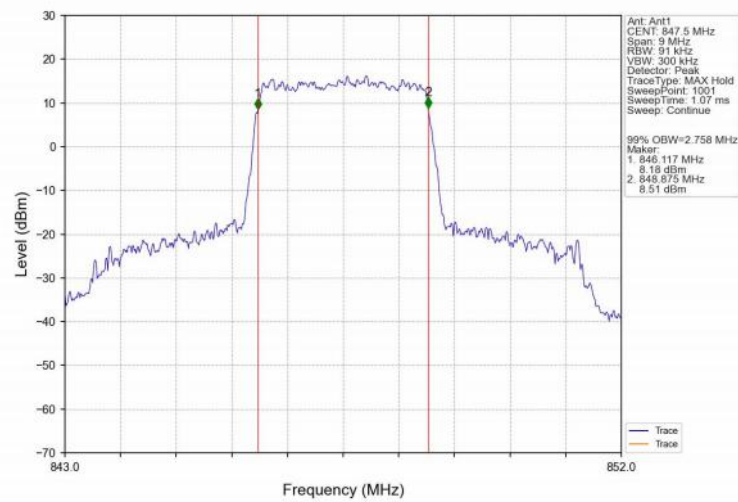
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



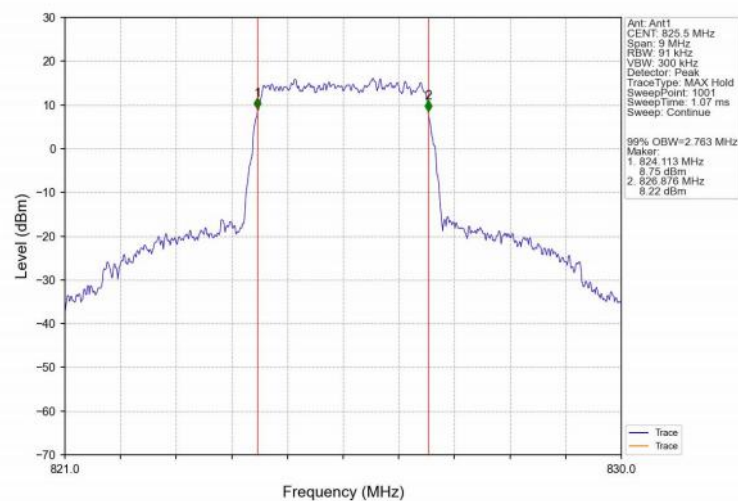
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



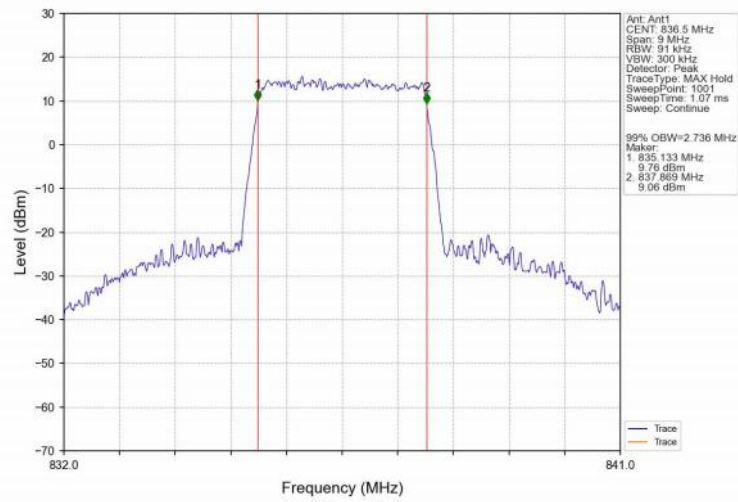
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



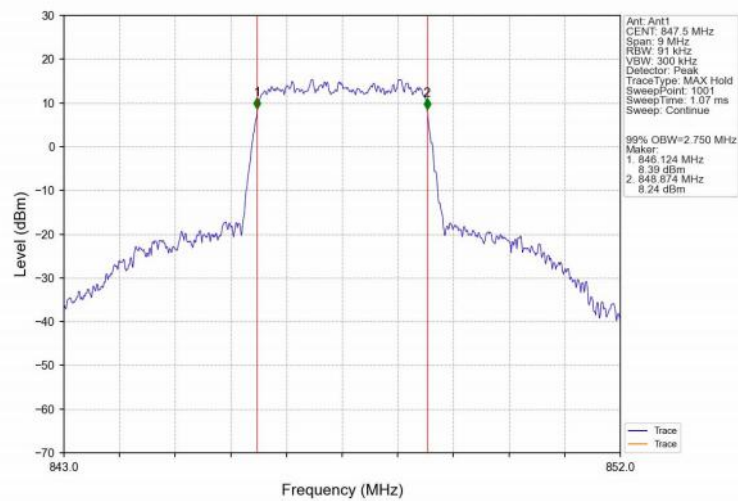
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



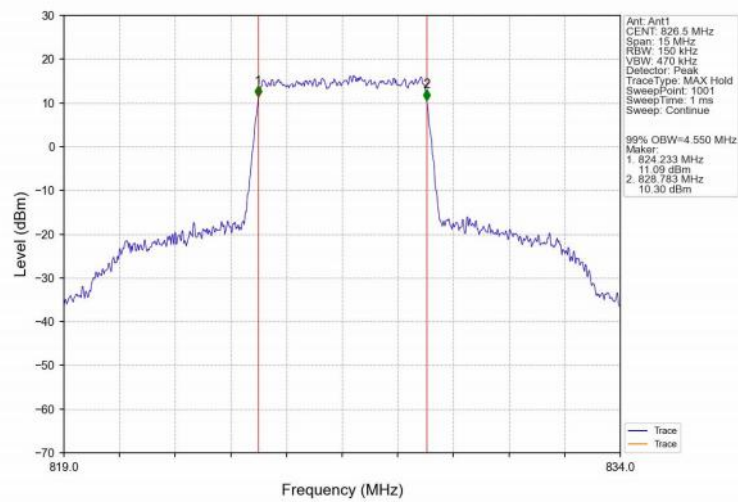
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



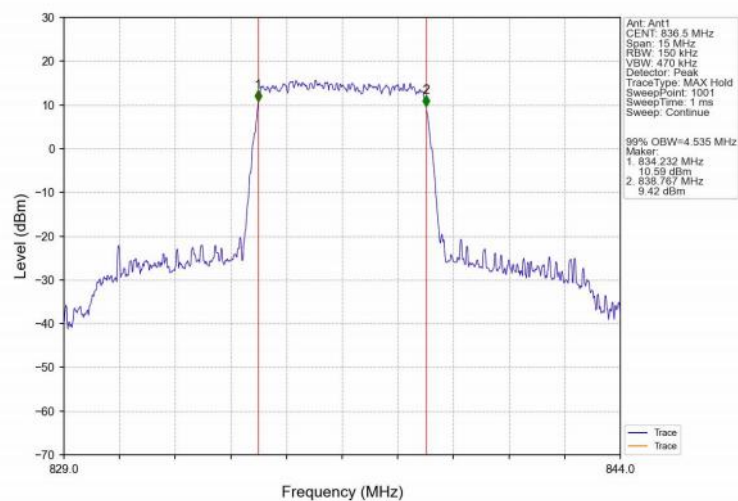
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



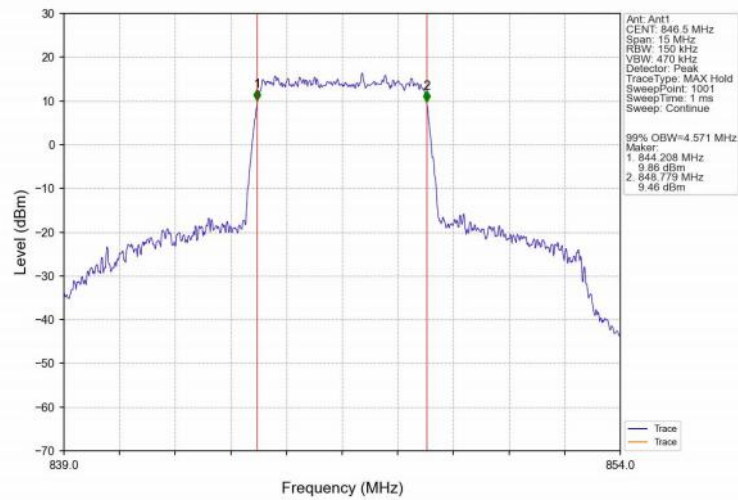
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



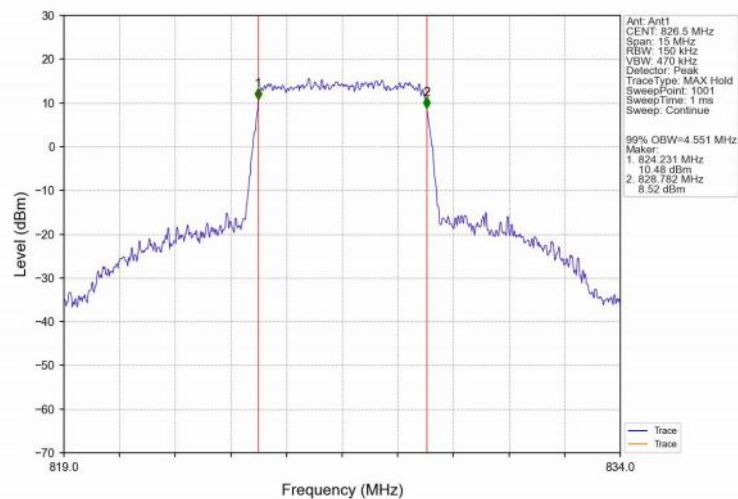
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



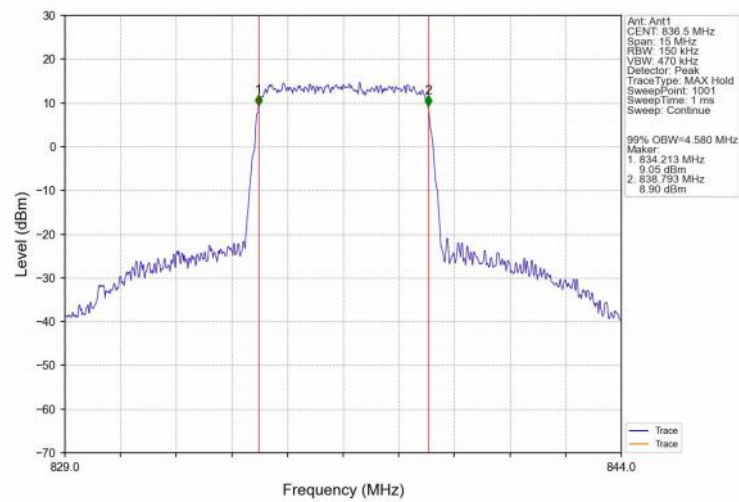
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



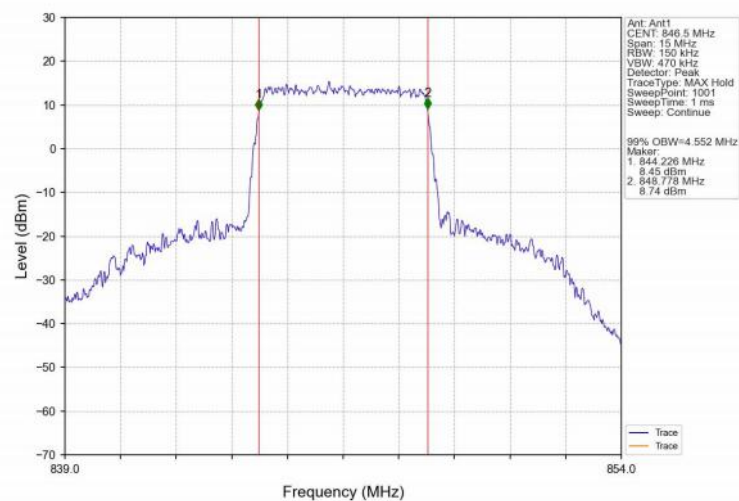
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



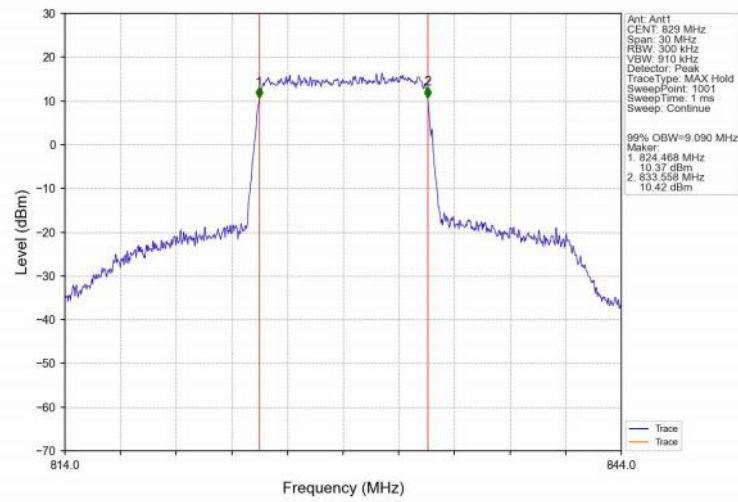
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



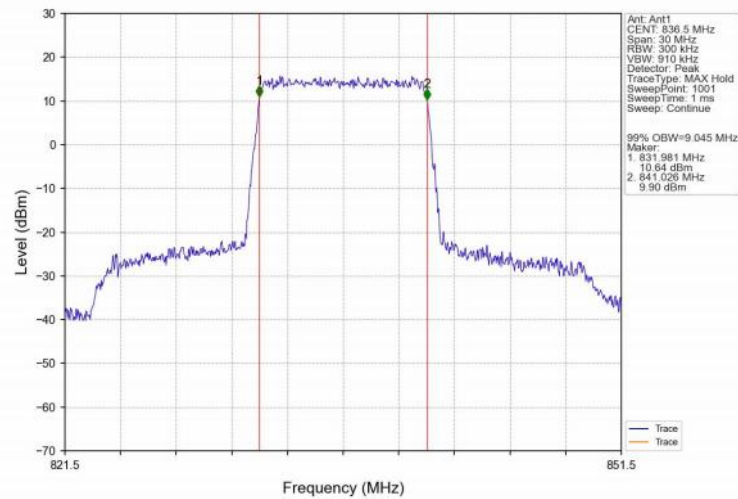
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



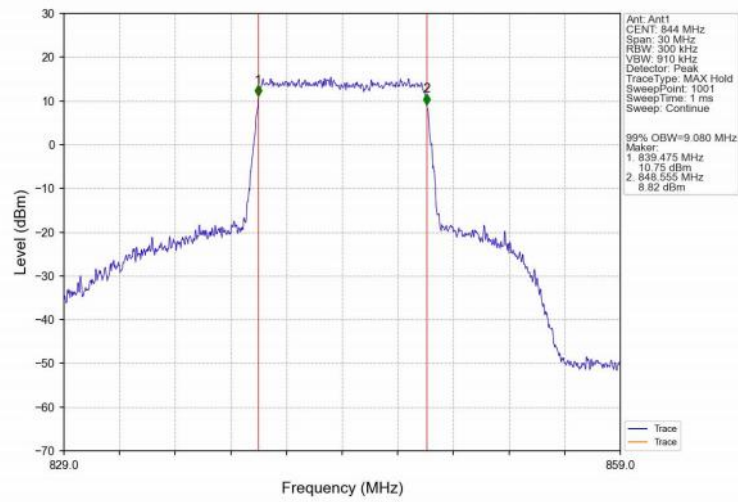
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



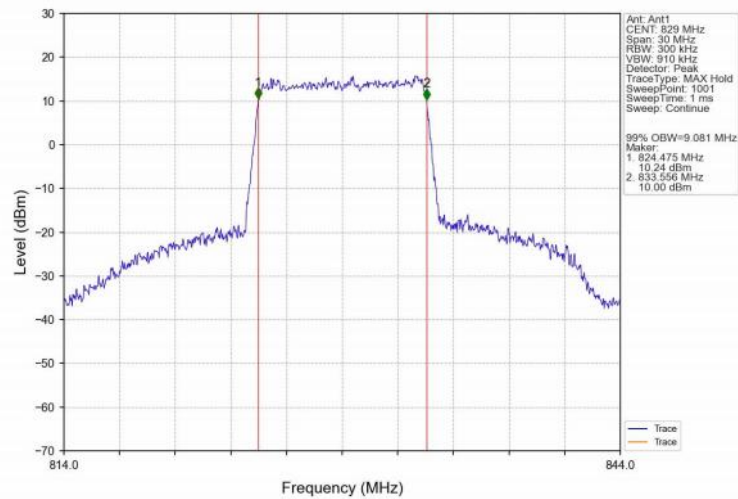
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



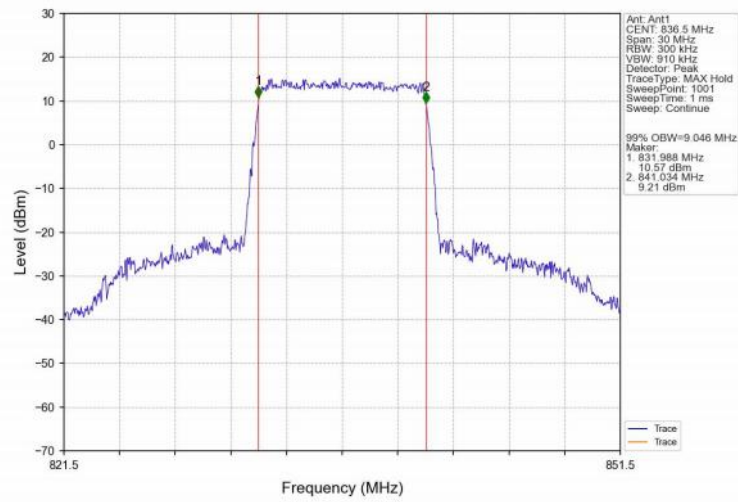
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



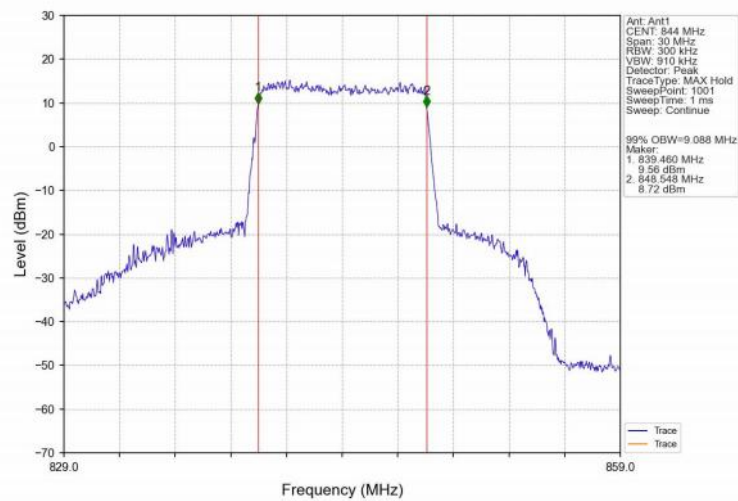
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

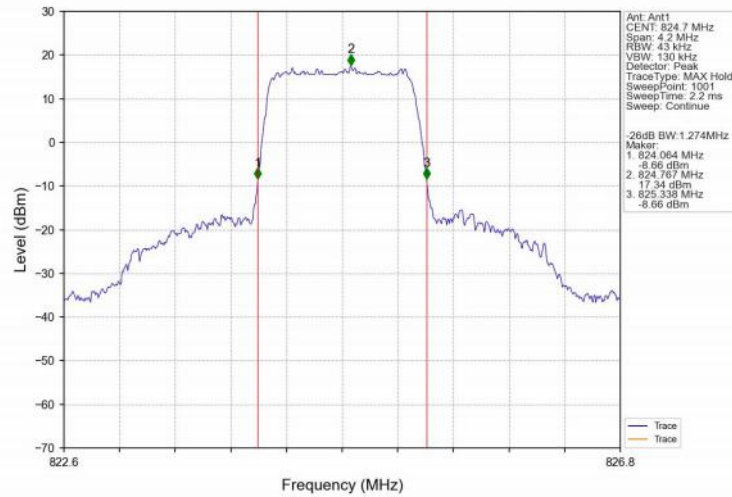


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

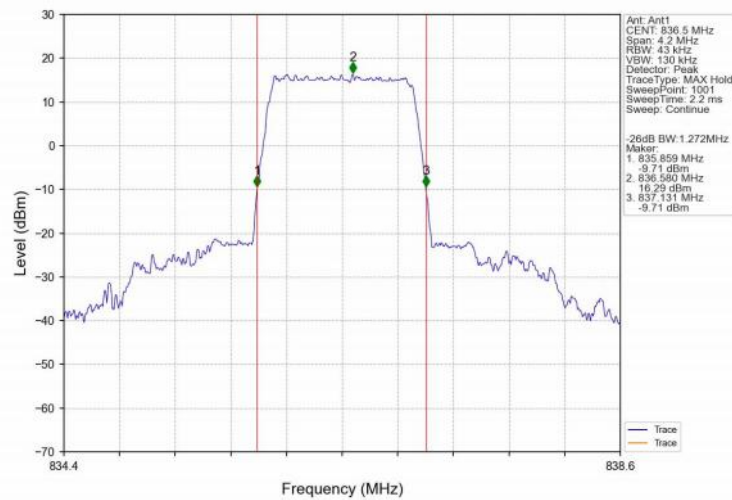


4.2.2 Band5_XDB

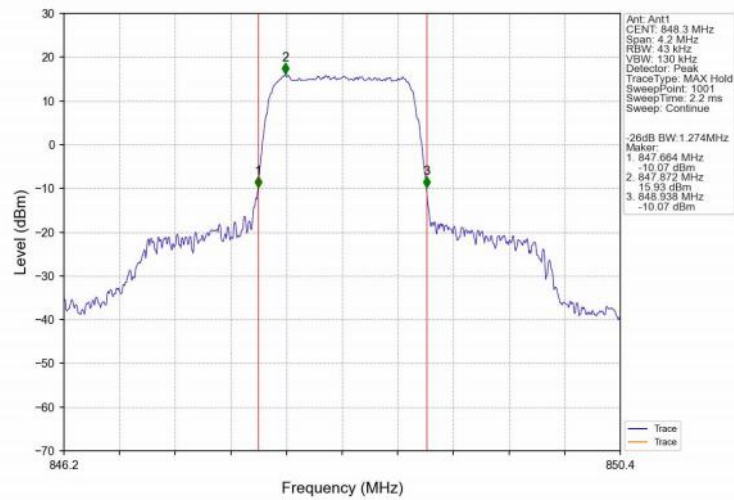
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



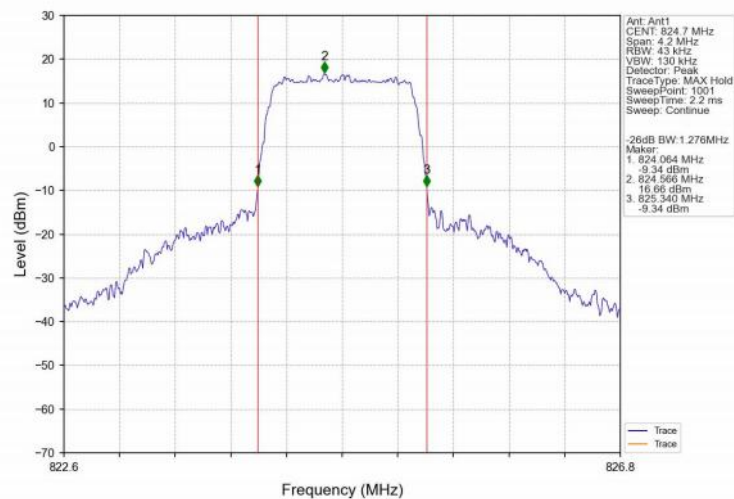
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



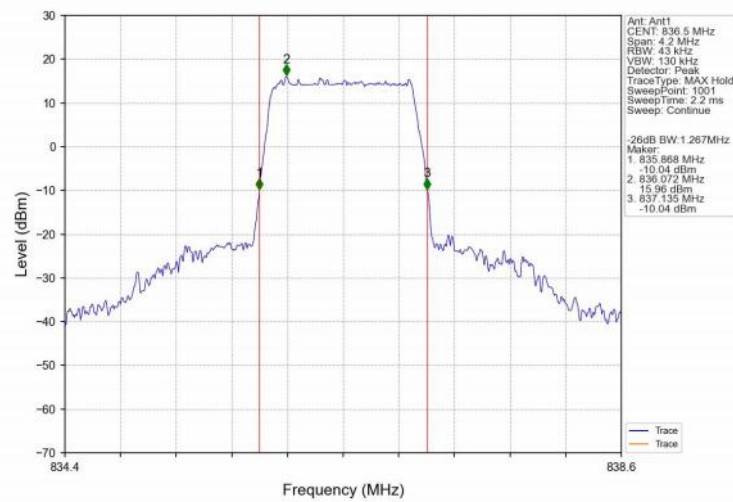
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



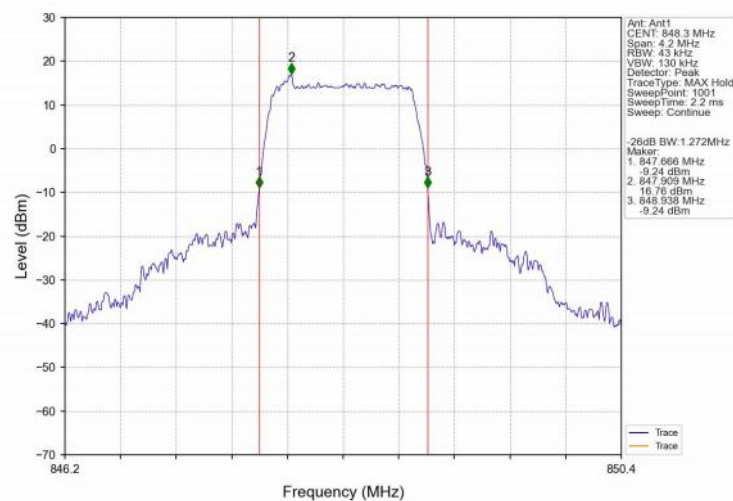
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



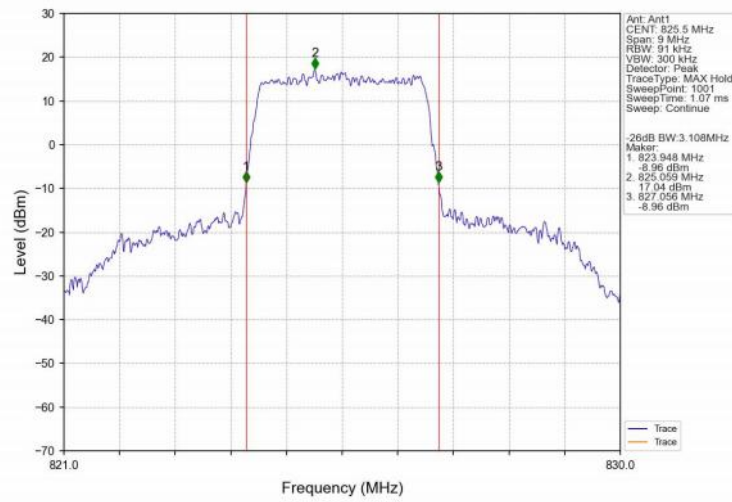
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



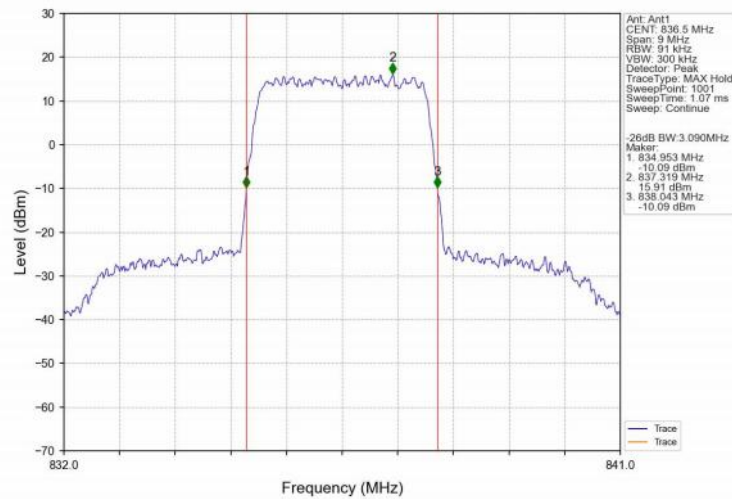
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



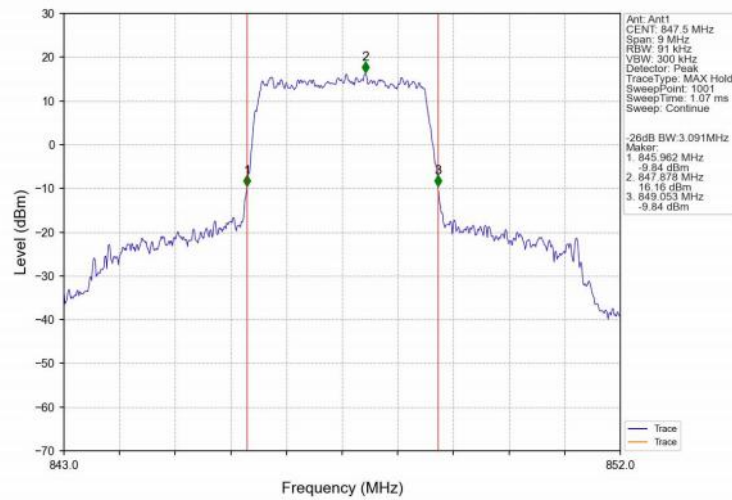
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



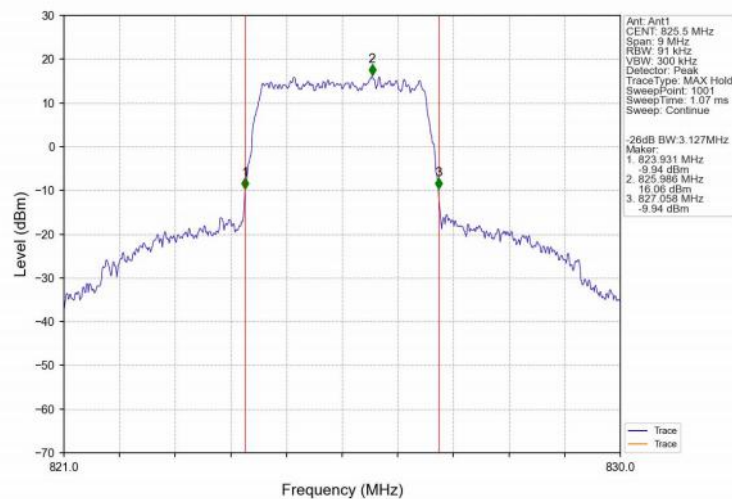
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



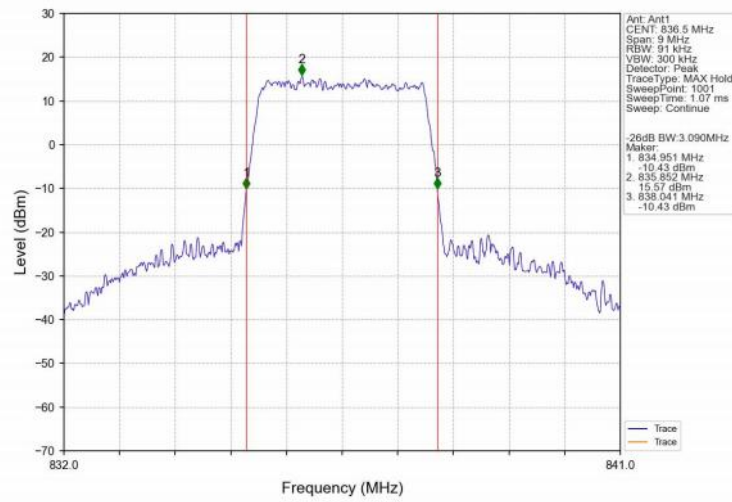
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



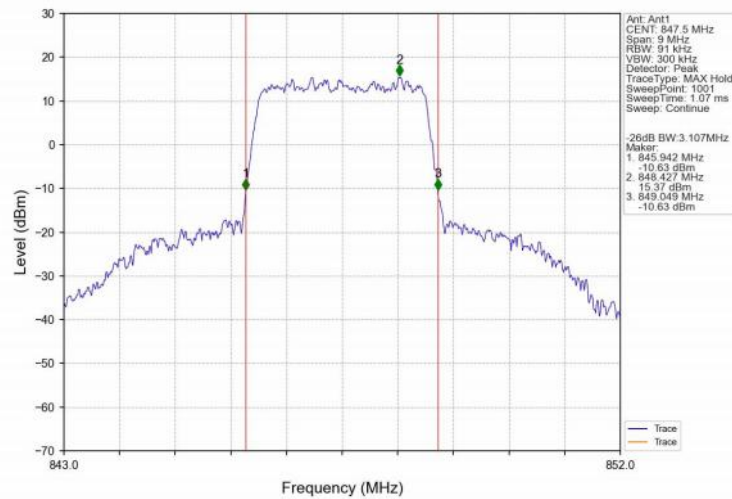
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



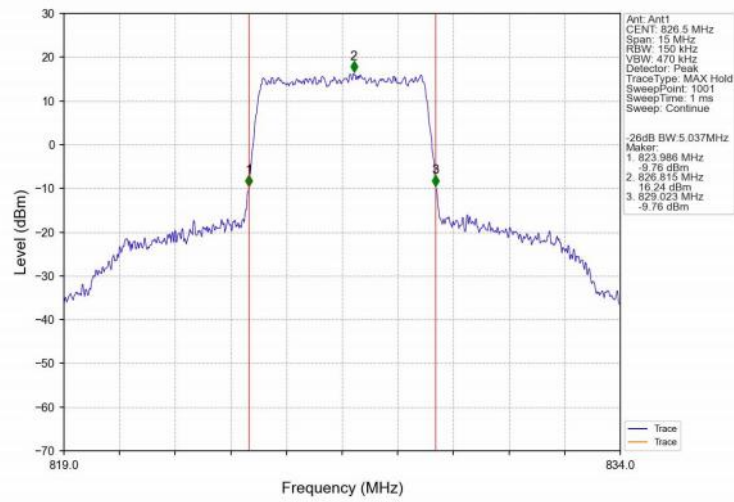
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



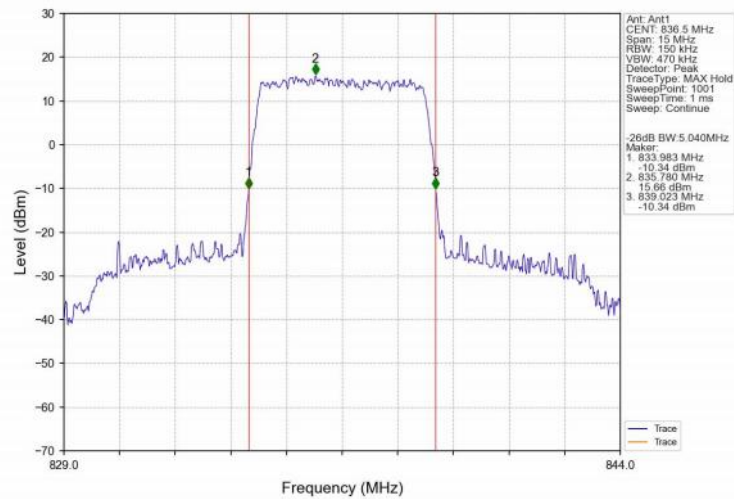
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



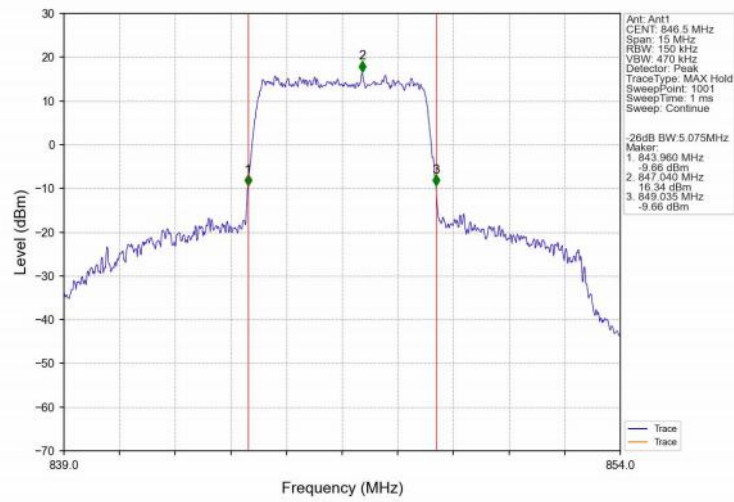
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



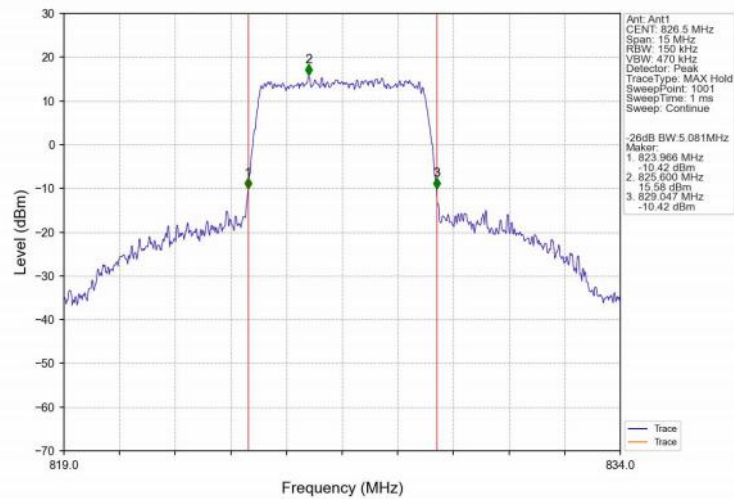
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



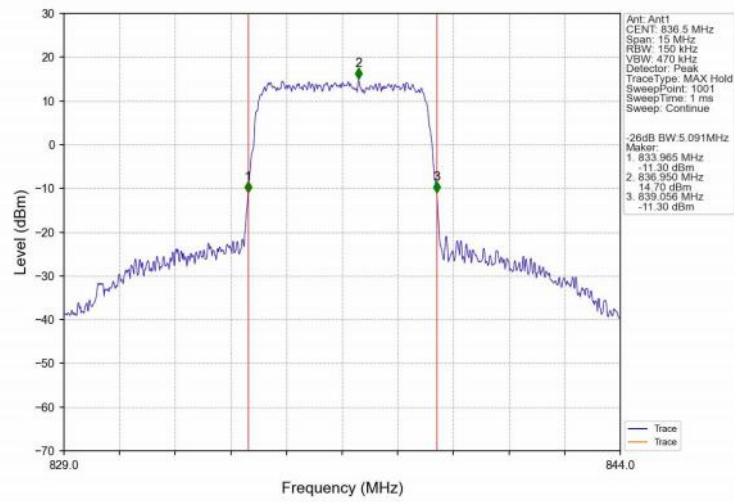
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



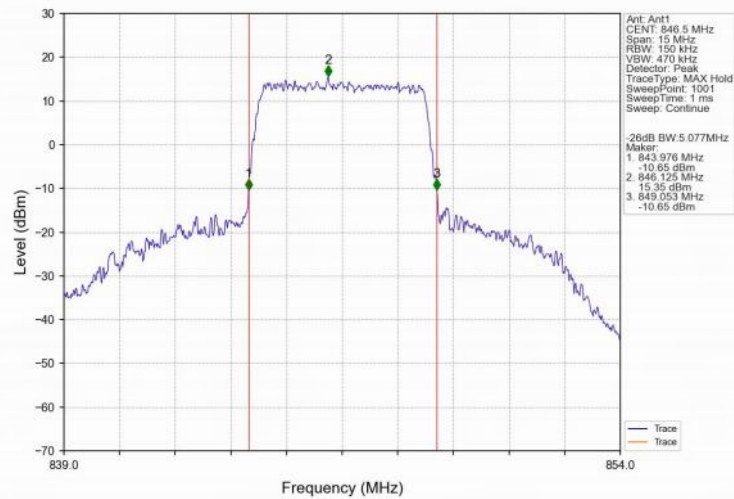
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



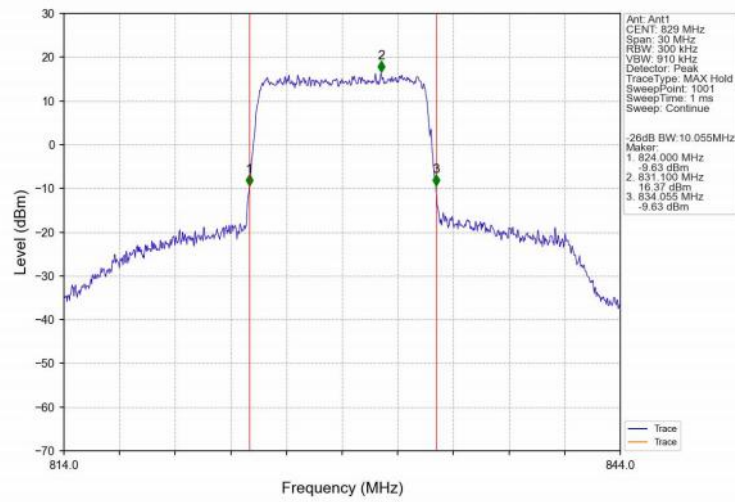
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



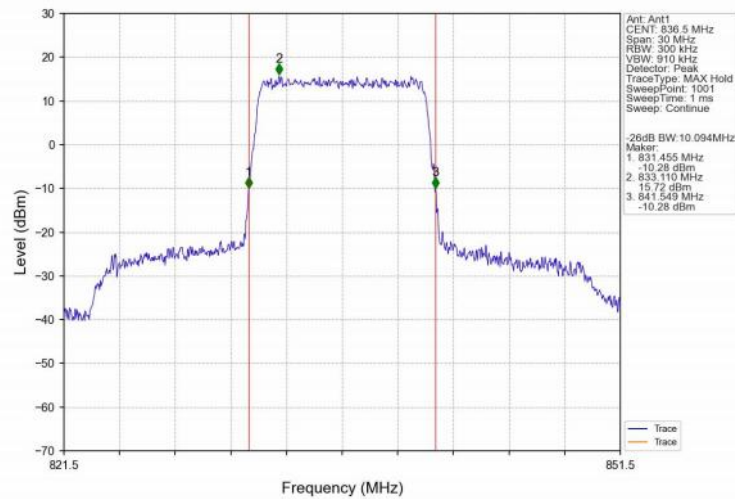
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



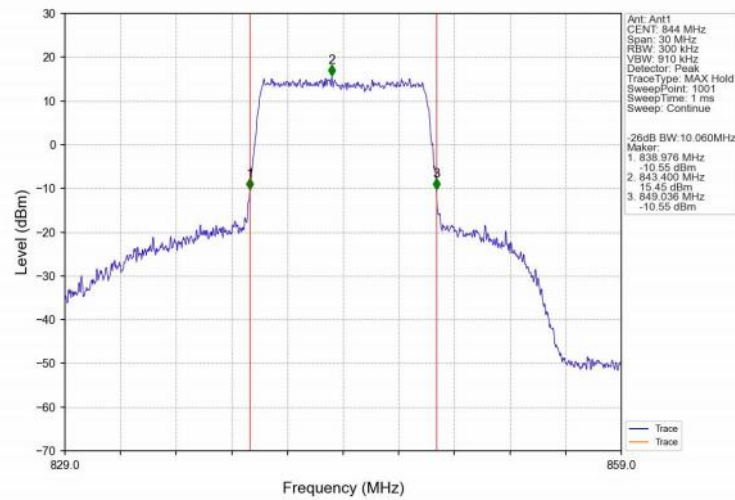
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



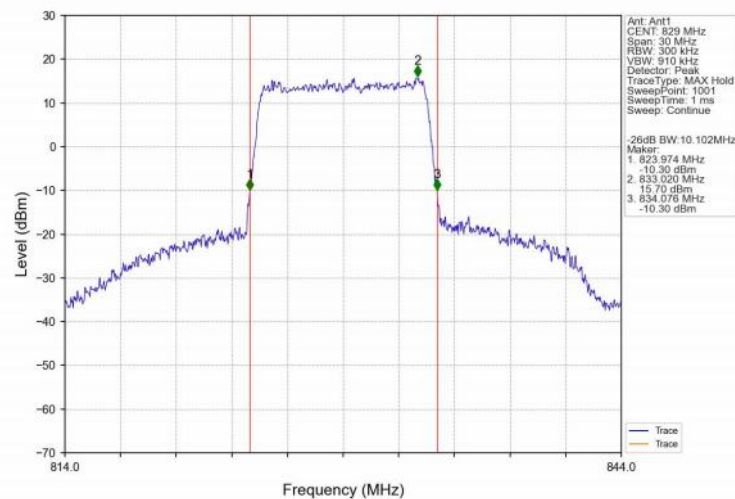
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



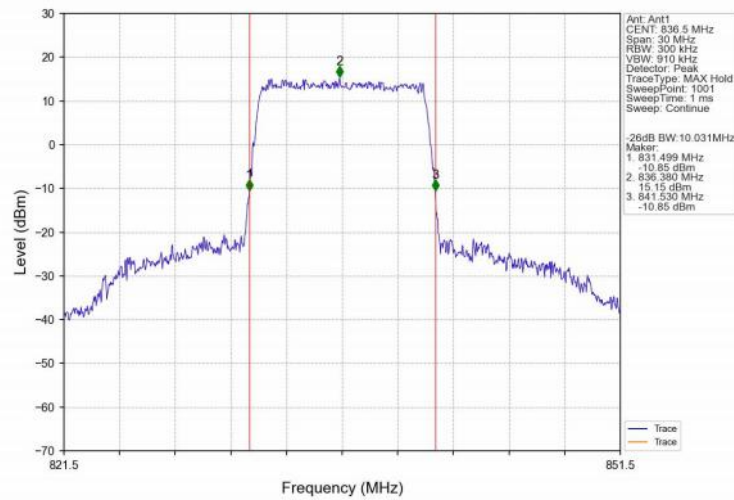
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



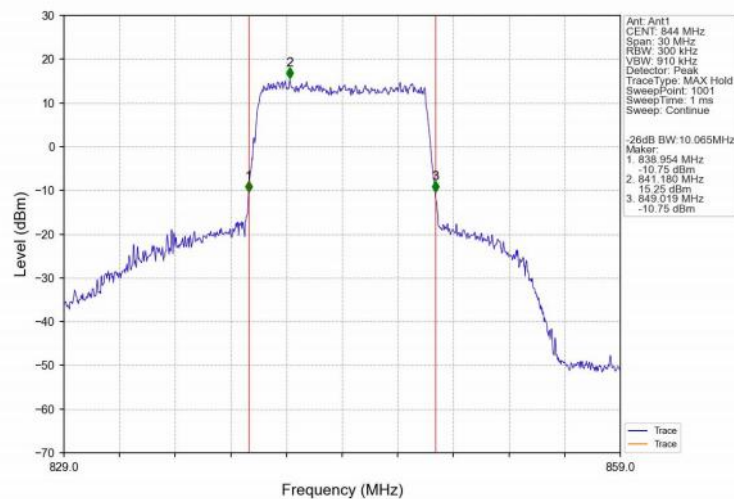
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.71	≤ 13	Pass
	836.5	6	0	5.34	≤ 13	Pass
	848.3	6	0	4.92	≤ 13	Pass
16QAM	824.7	6	0	5.44	≤ 13	Pass
	836.5	6	0	6.17	≤ 13	Pass
	848.3	6	0	5.62	≤ 13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.74	≤ 13	Pass
	836.5	15	0	5.34	≤ 13	Pass
	847.5	15	0	4.78	≤ 13	Pass
16QAM	825.5	15	0	5.52	≤ 13	Pass
	836.5	15	0	6.15	≤ 13	Pass
	847.5	15	0	5.54	≤ 13	Pass

5.1.3 B5_5MHz

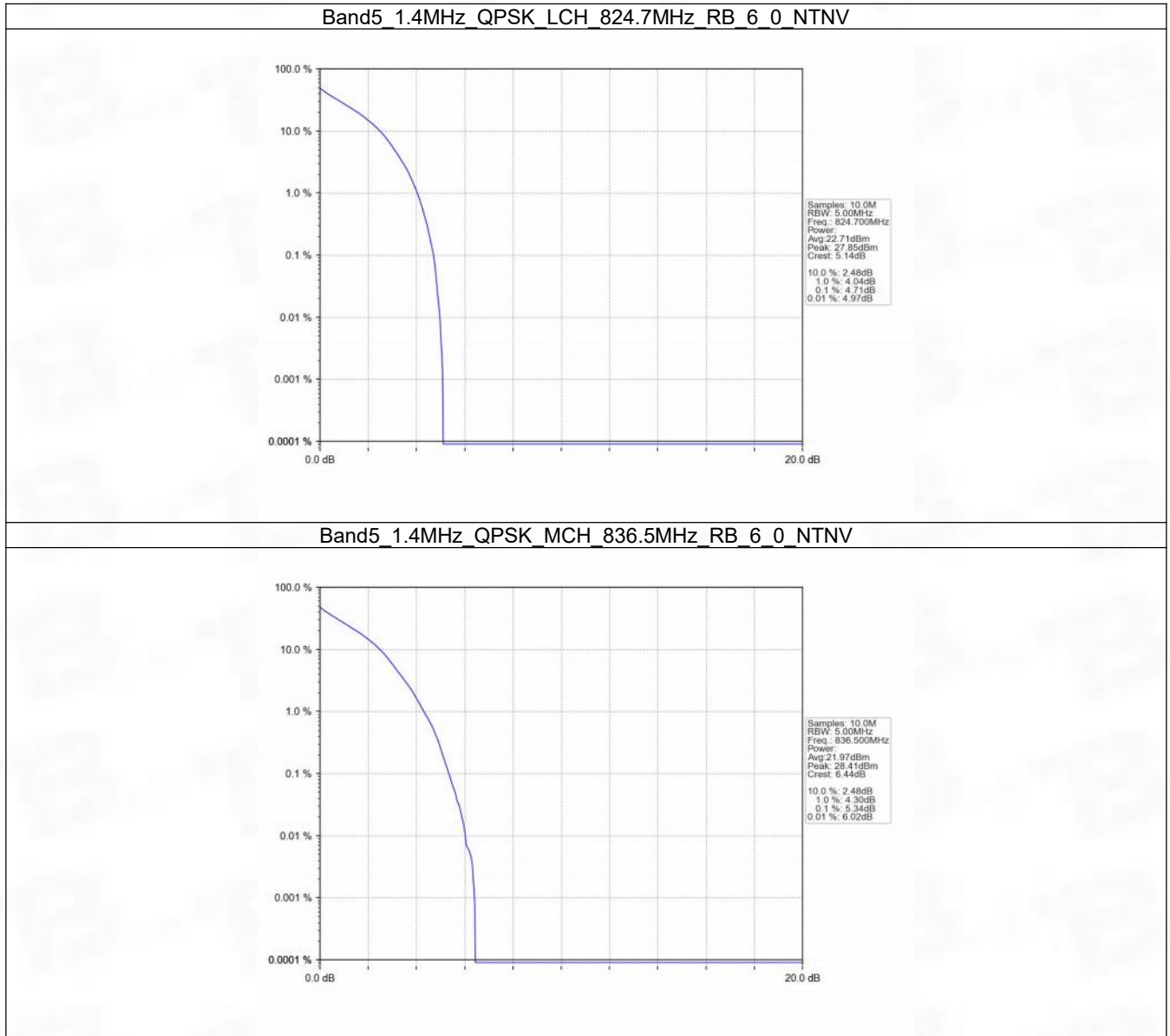
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.02	≤ 13	Pass
	836.5	25	0	5.46	≤ 13	Pass
	846.5	25	0	5.02	≤ 13	Pass
16QAM	826.5	25	0	5.75	≤ 13	Pass
	836.5	25	0	6.15	≤ 13	Pass
	846.5	25	0	5.64	≤ 13	Pass

5.1.4 B5_10MHz

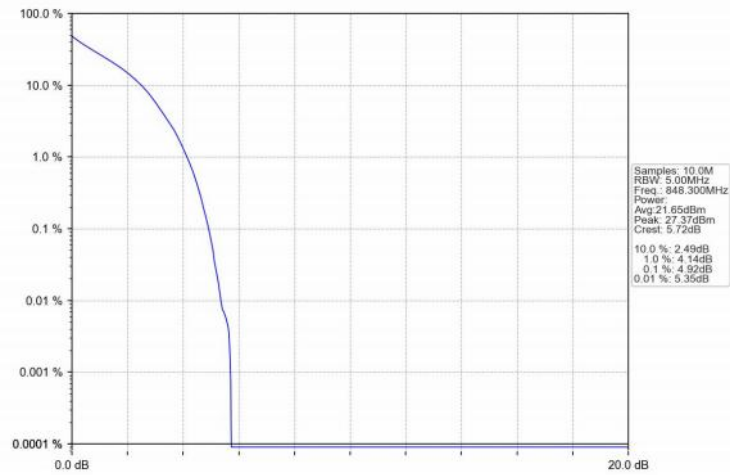
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.20	≤ 13	Pass
	836.5	50	0	5.41	≤ 13	Pass
	844	50	0	5.23	≤ 13	Pass
16QAM	829	50	0	5.86	≤ 13	Pass
	836.5	50	0	6.14	≤ 13	Pass
	844	50	0	5.92	≤ 13	Pass

5.2 Test Graph

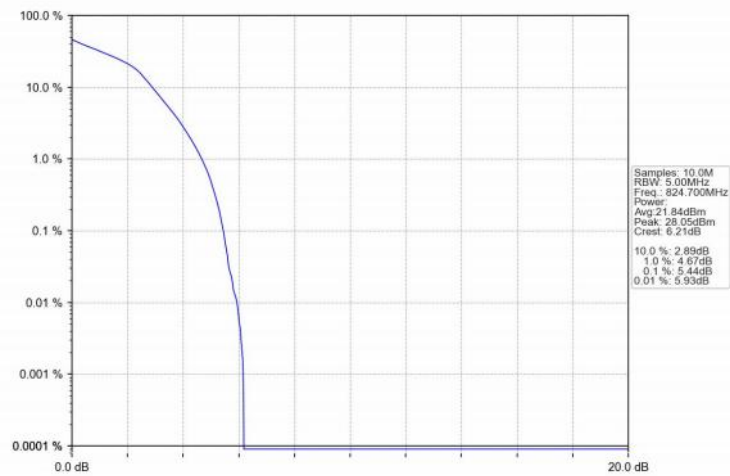
5.2.1 B5_1.4MHz



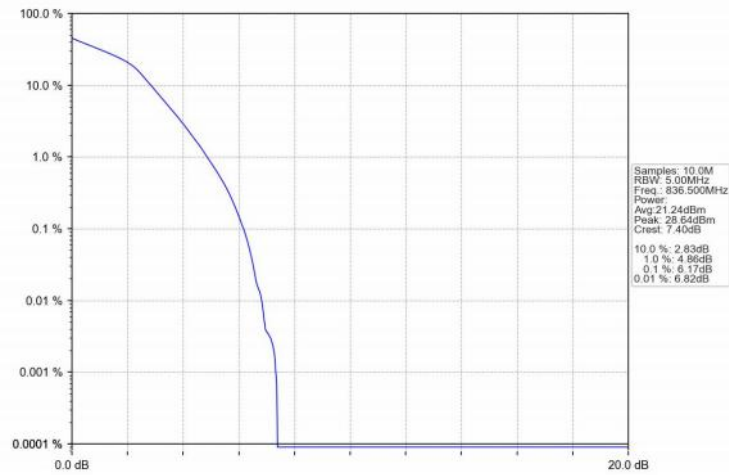
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

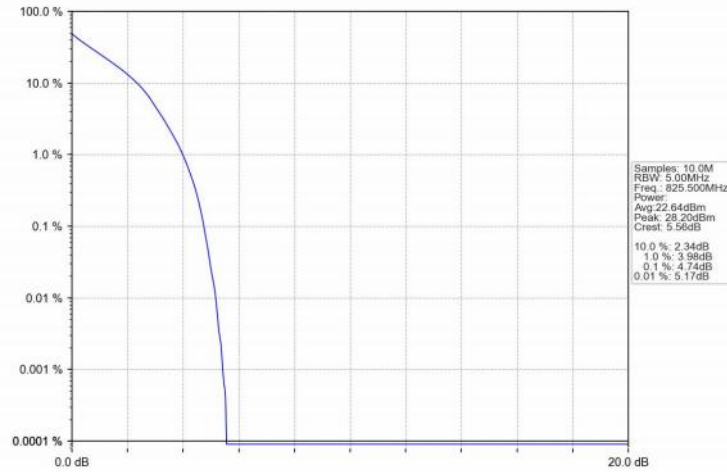


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

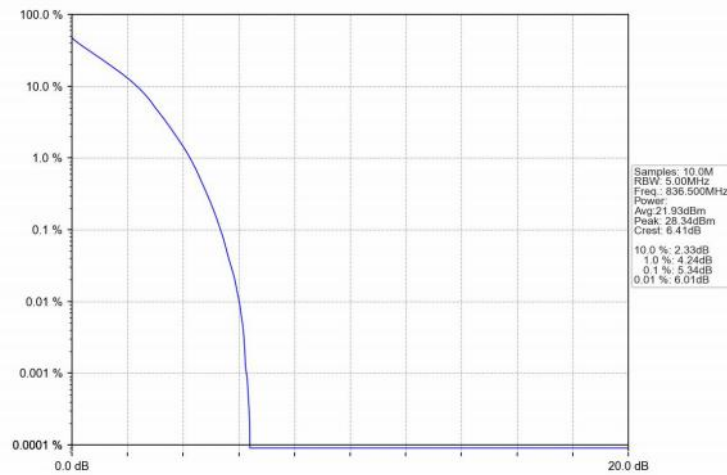


5.2.2 B5_3MHz

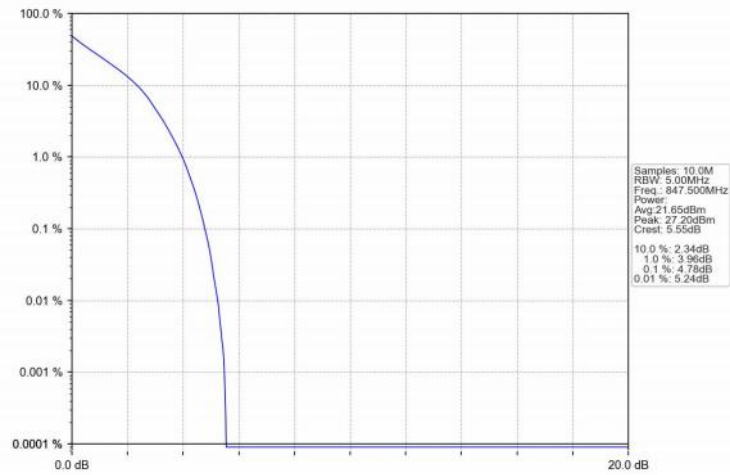
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



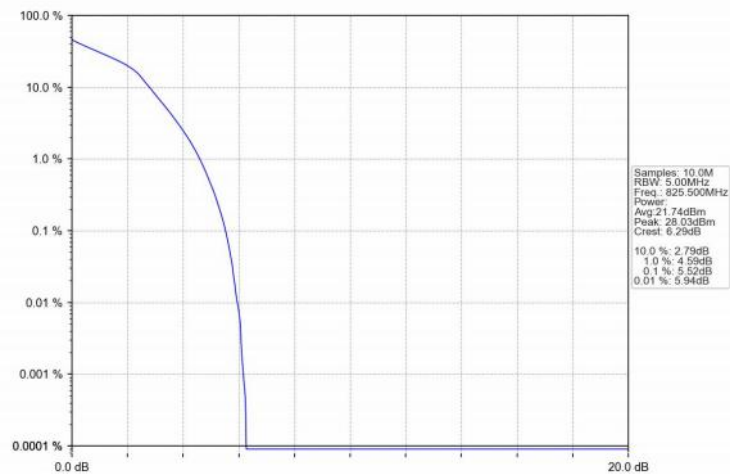
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



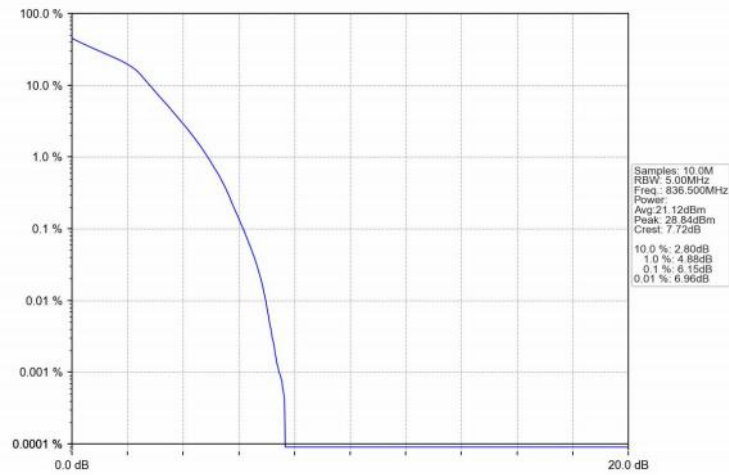
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



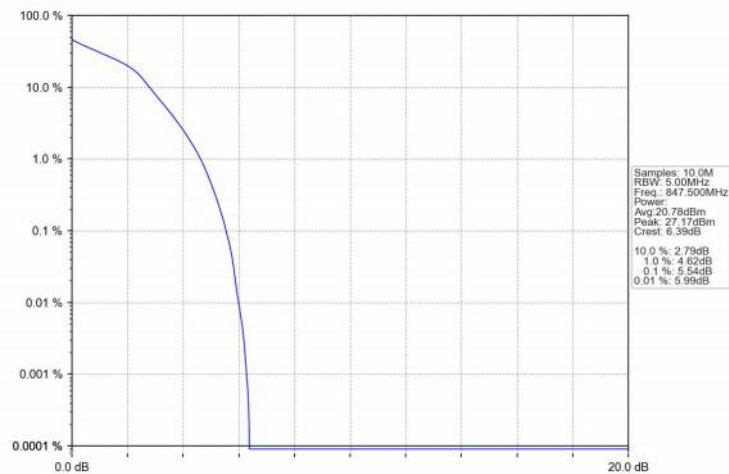
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

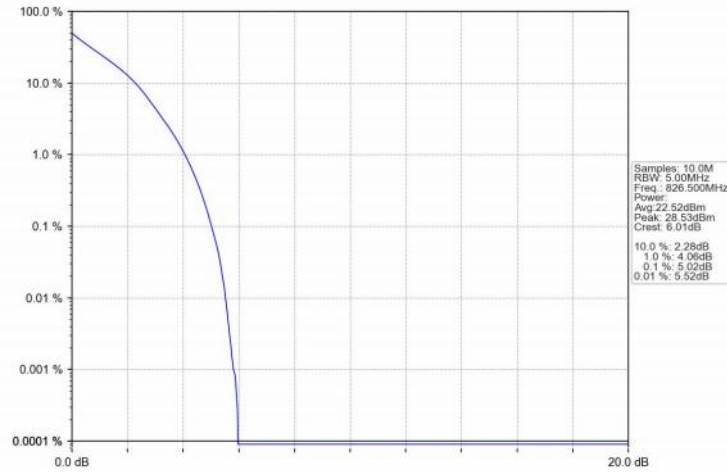


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

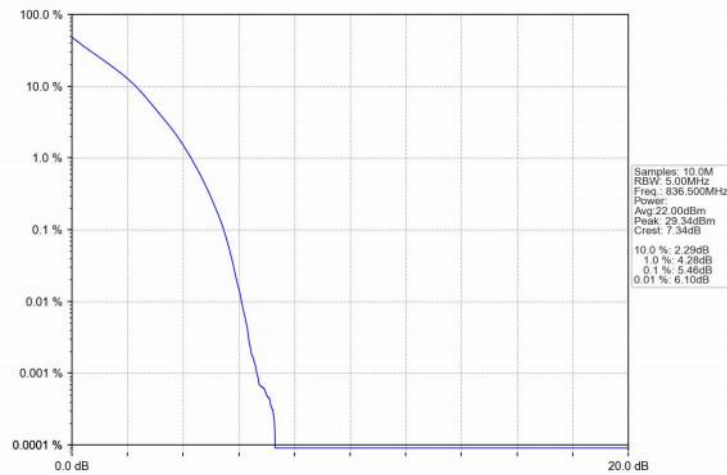


5.2.3 B5_5MHz

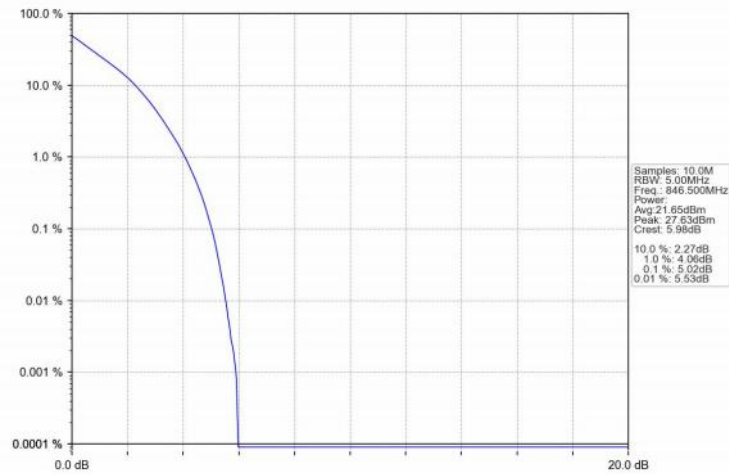
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



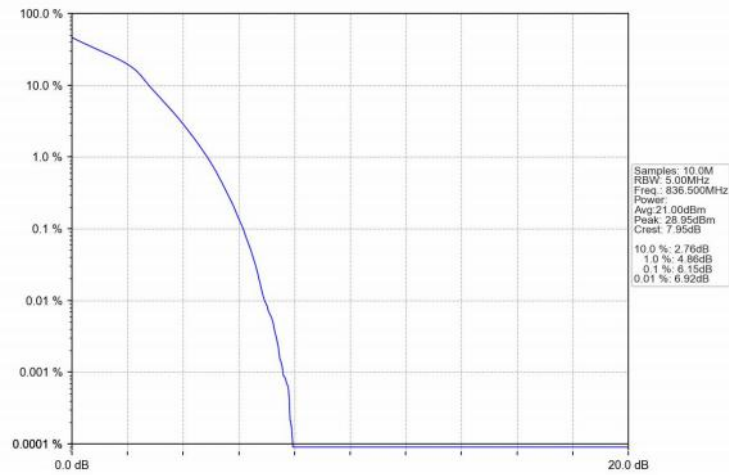
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



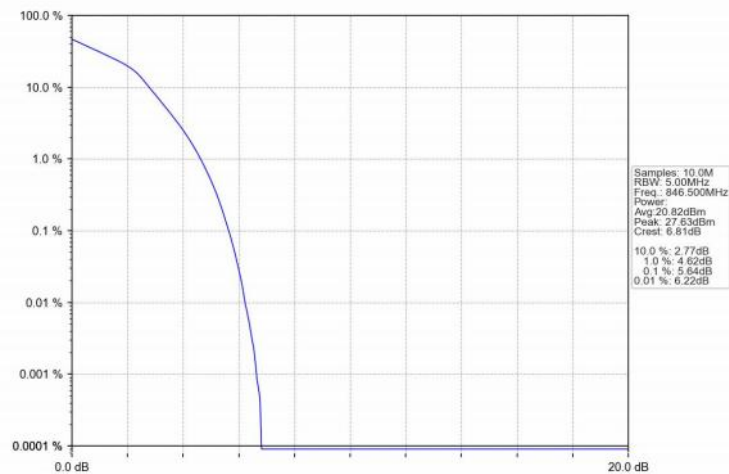
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

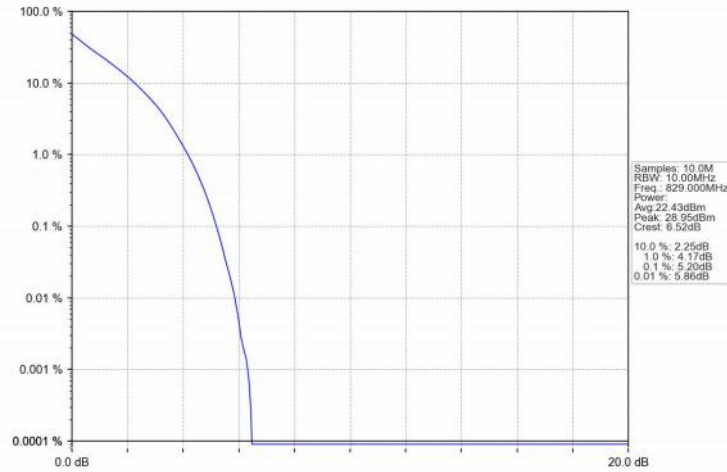


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

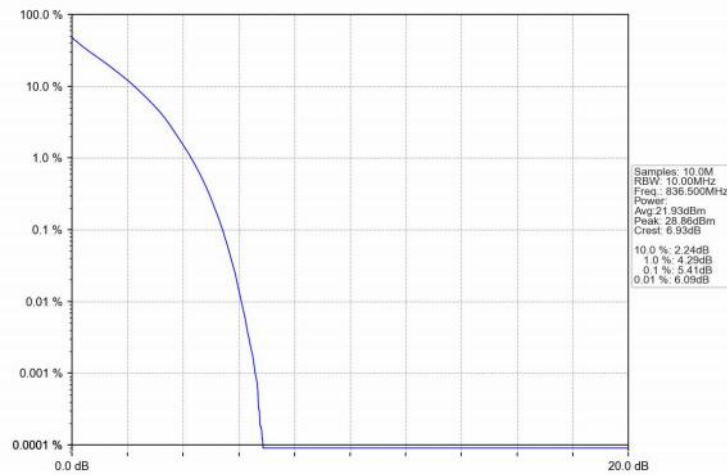


5.2.4 B5_10MHz

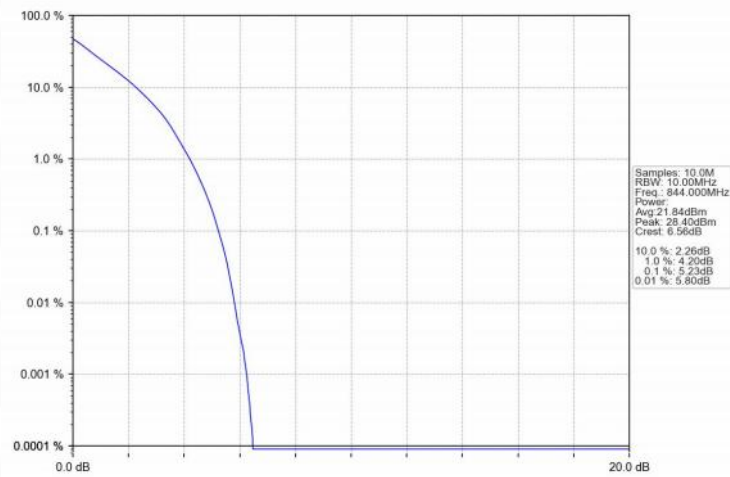
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



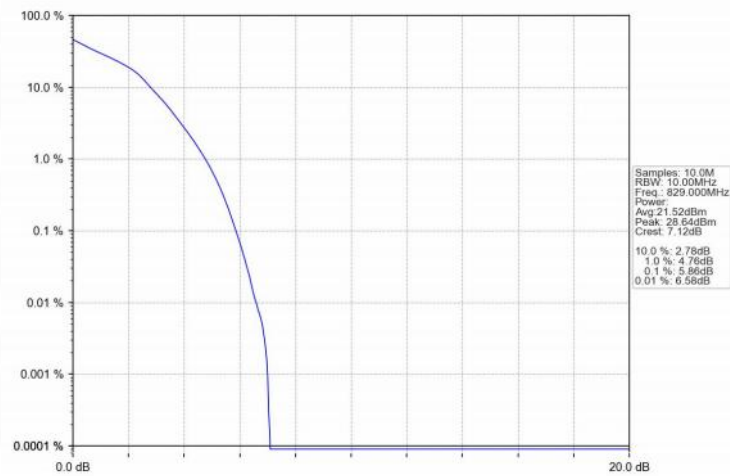
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



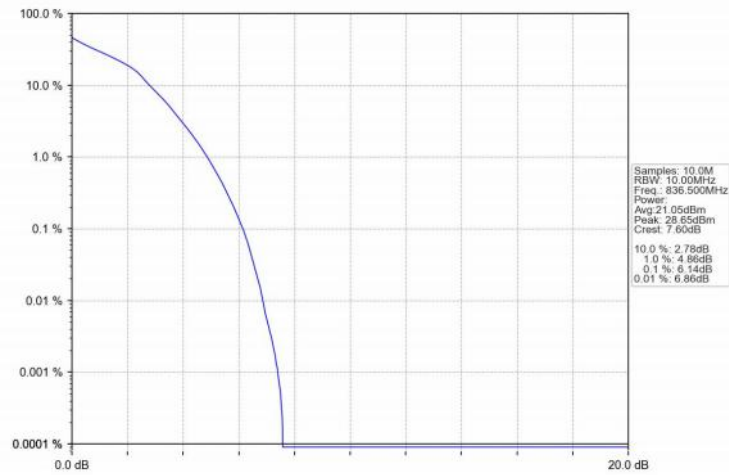
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



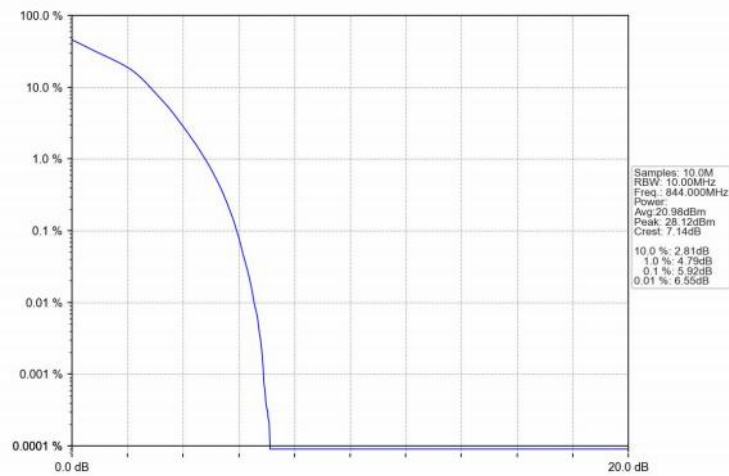
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

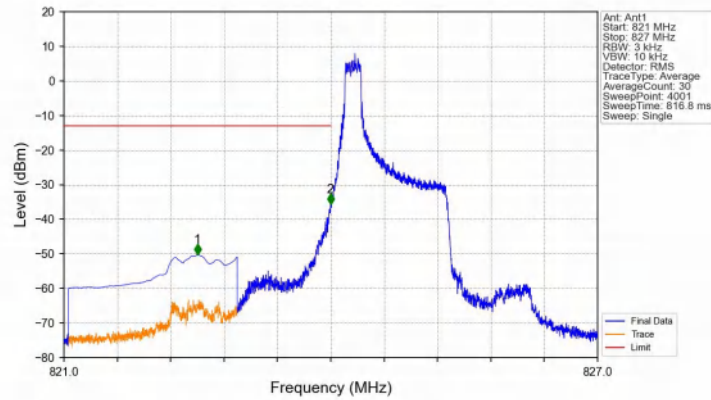
6.1.4 B5_10MHz

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	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

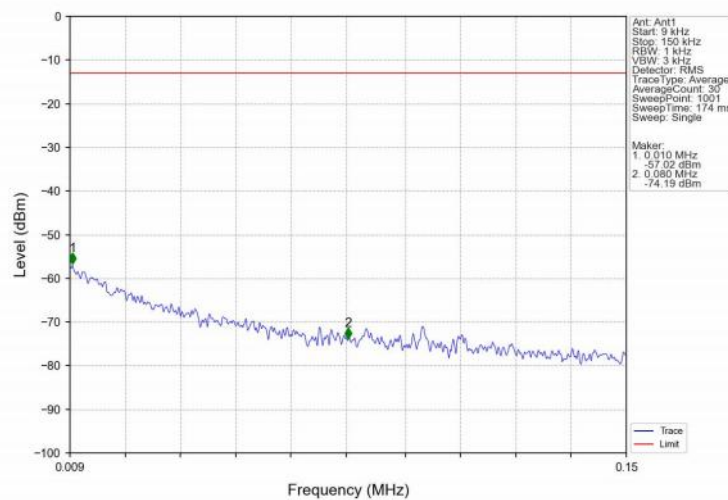
6.2 Test Graph

6.2.1 B5_1.4MHz

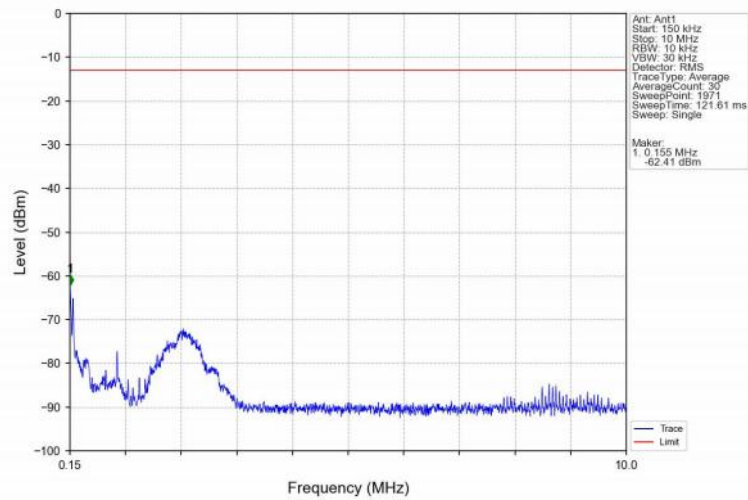
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



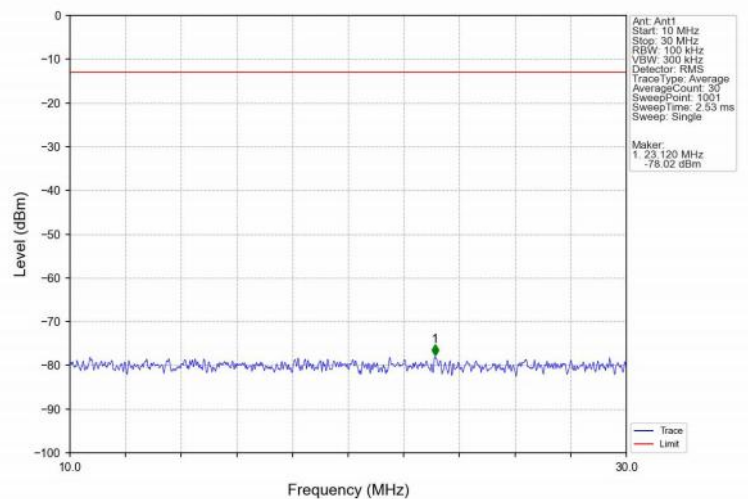
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



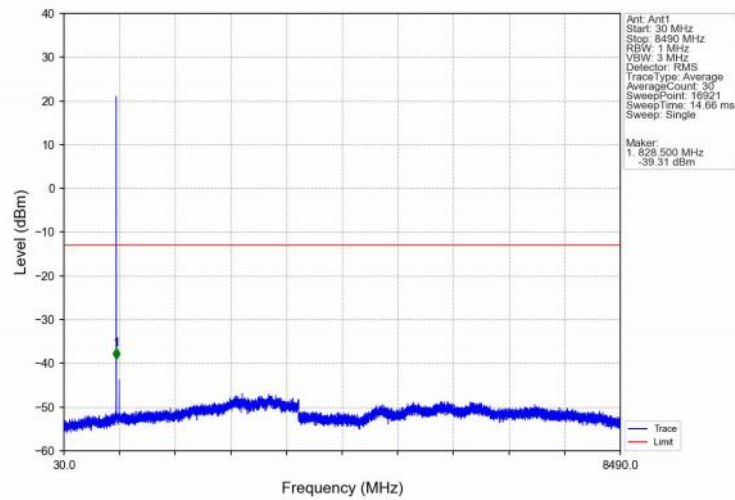
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



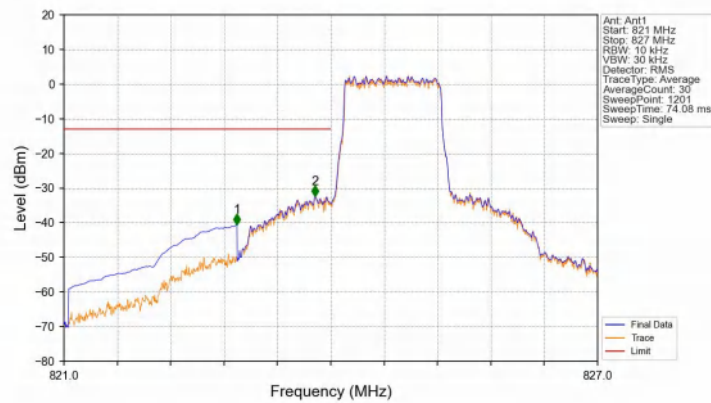
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

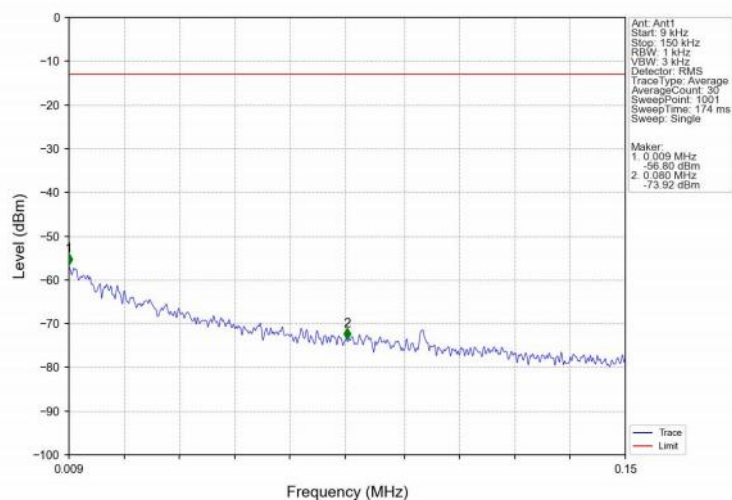


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

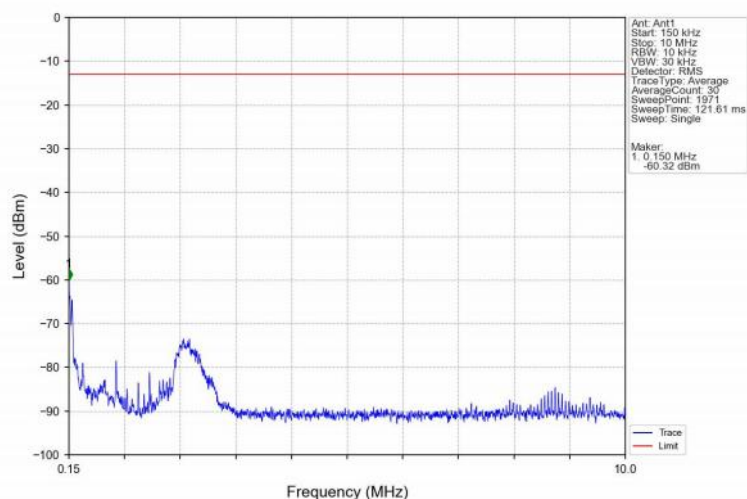


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-40.59	-13	Pass
823	824	0.013	CHP	2	823.825	-32.45	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

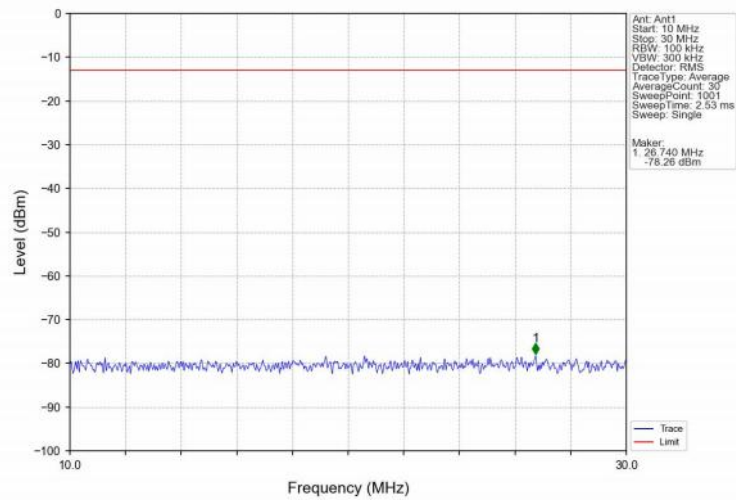
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



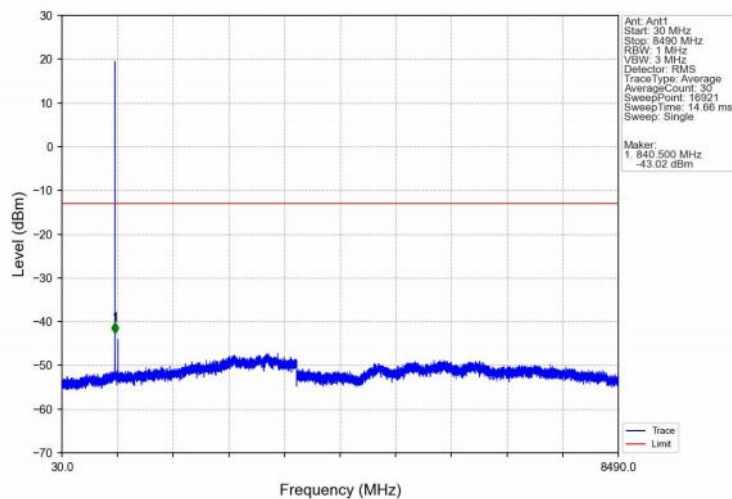
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



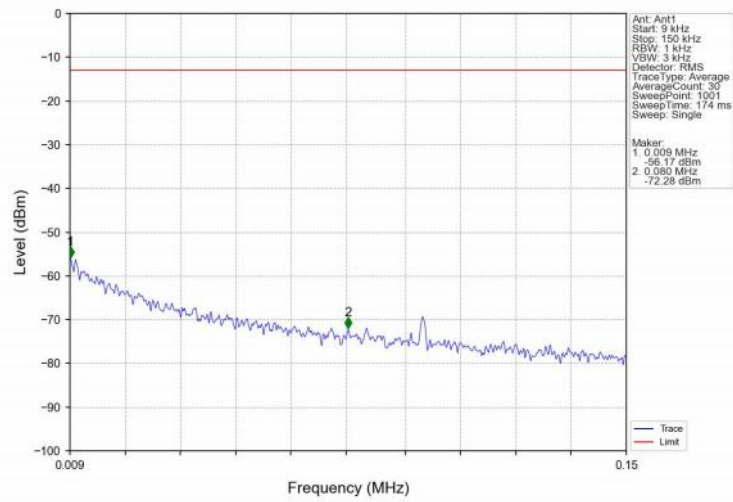
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



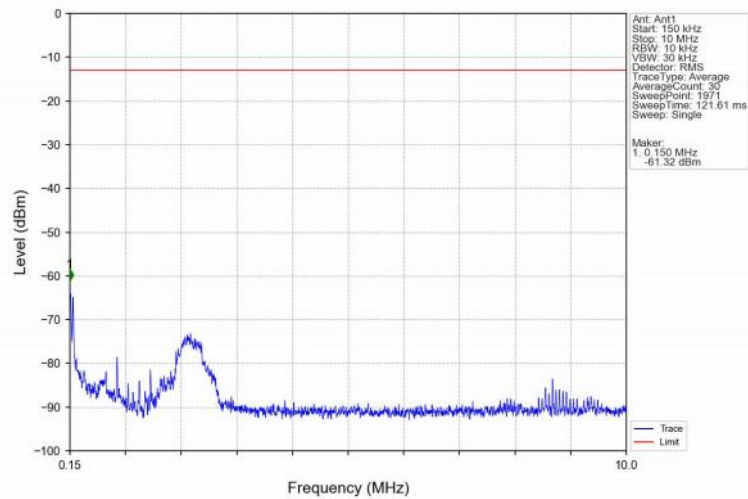
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



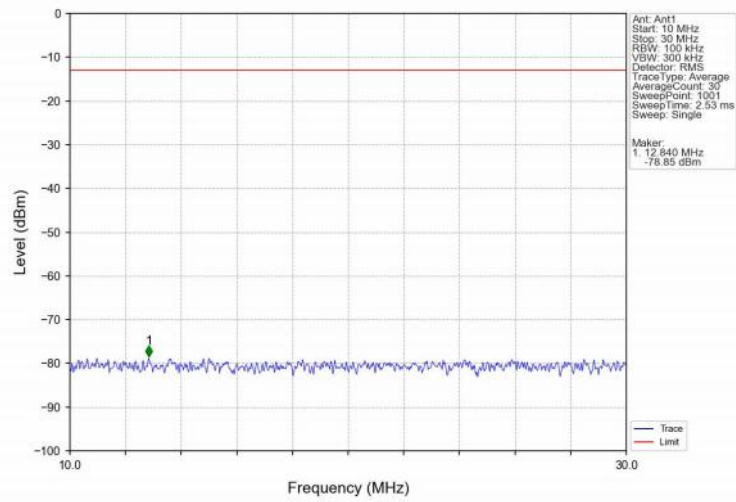
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



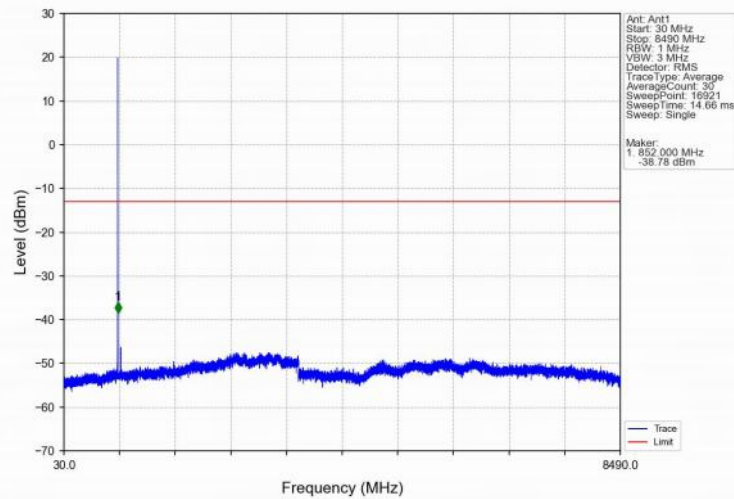
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



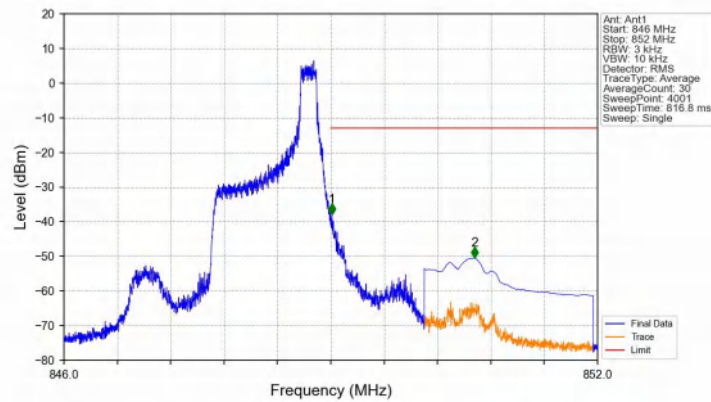
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

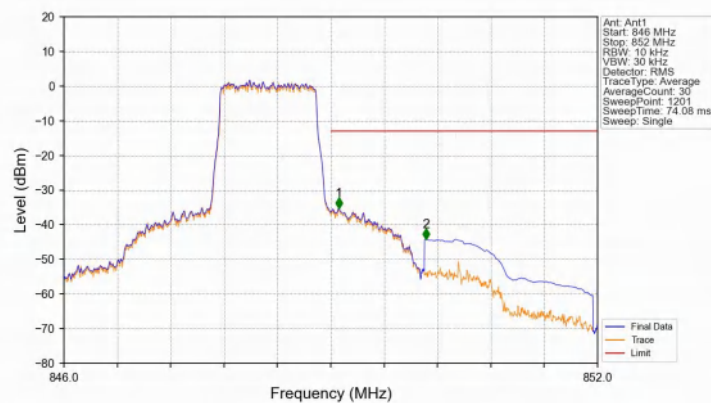


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



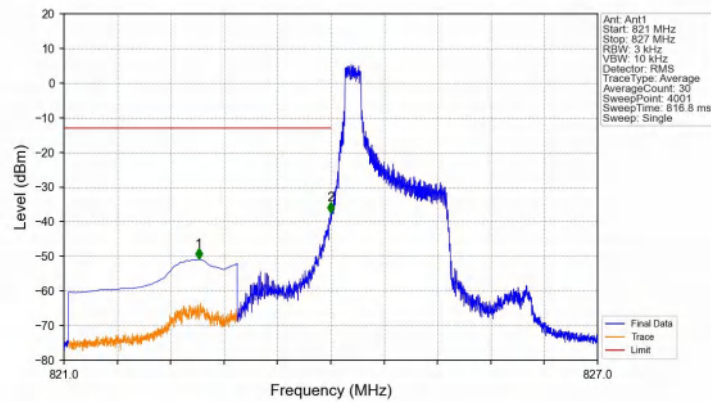
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-37.90	-13	Pass
850	852	0.1	CHP	2	850.619	-50.41	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



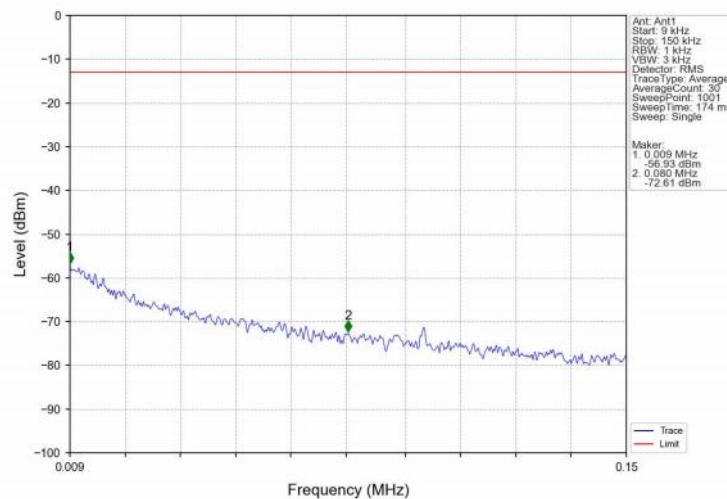
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.090	-35.37	-13	Pass
850	852	0.1	CHP	2	850.070	-44.21	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

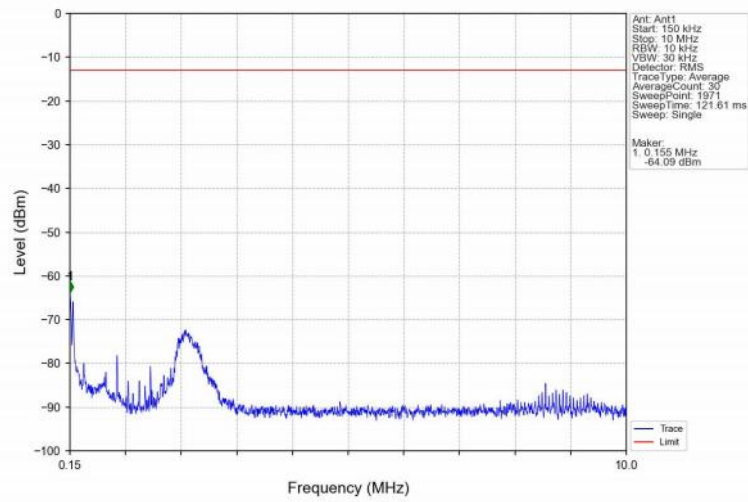


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.518	-50.88	-13	Pass
823	824	0.003	/	2	823.999	-37.41	-13	Pass
824	827	0.003	/	/	/	/	/	/

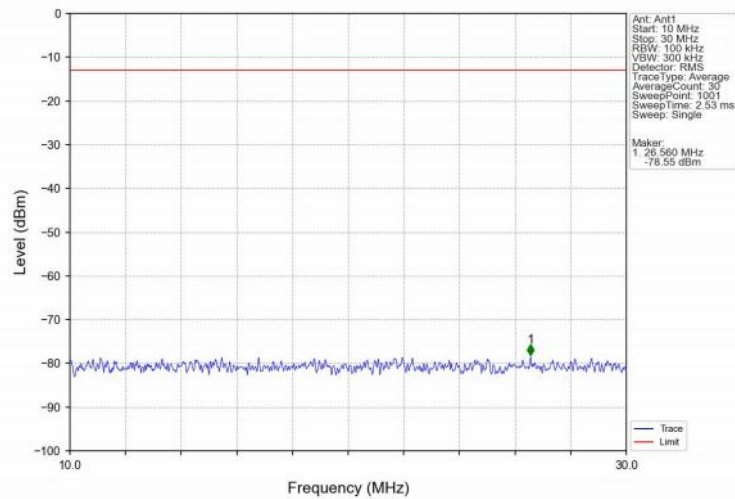
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



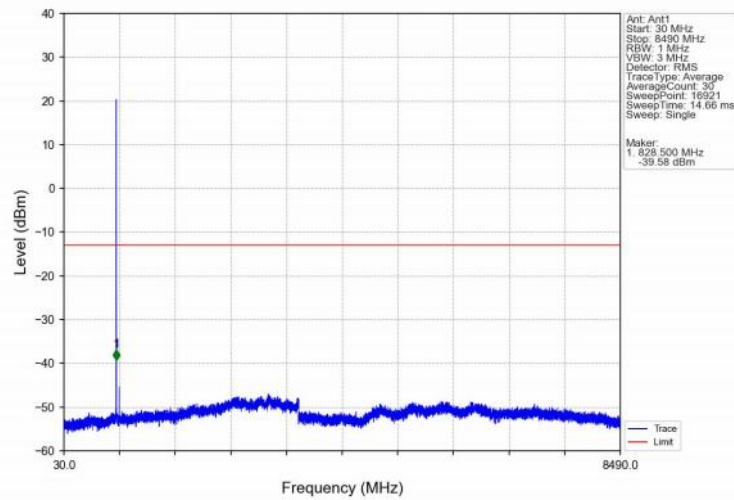
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



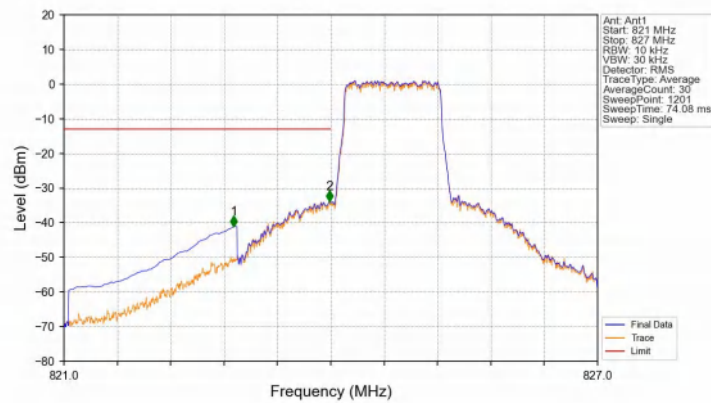
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

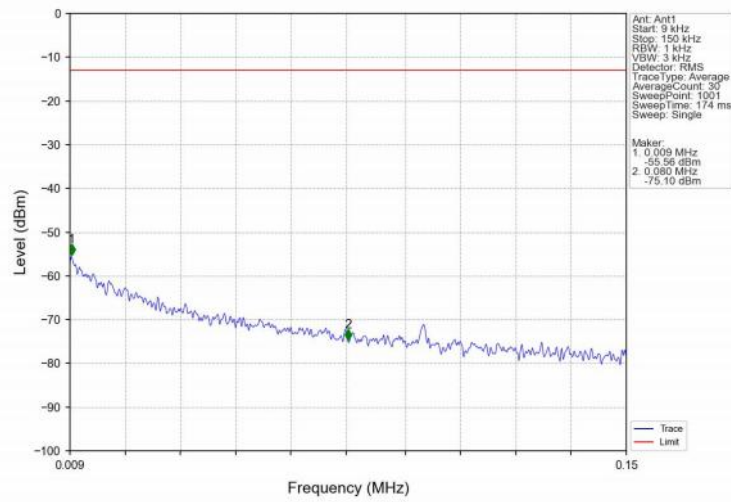


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

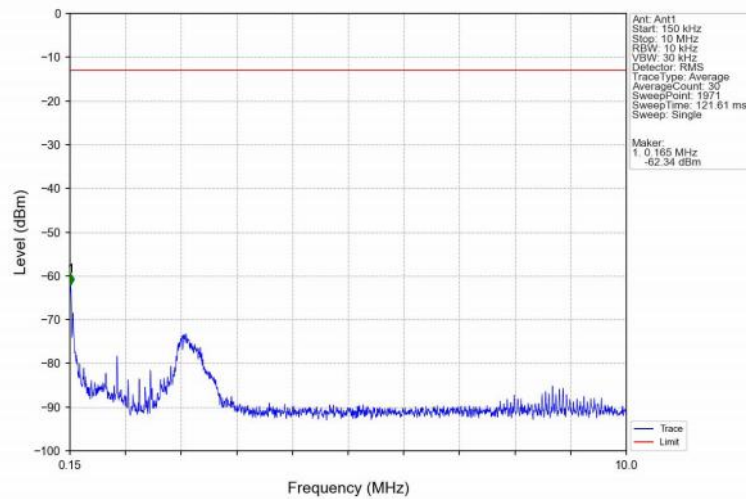


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.910	-41.13	-13	Pass
823	824	0.013	CHP	2	823.985	-33.94	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

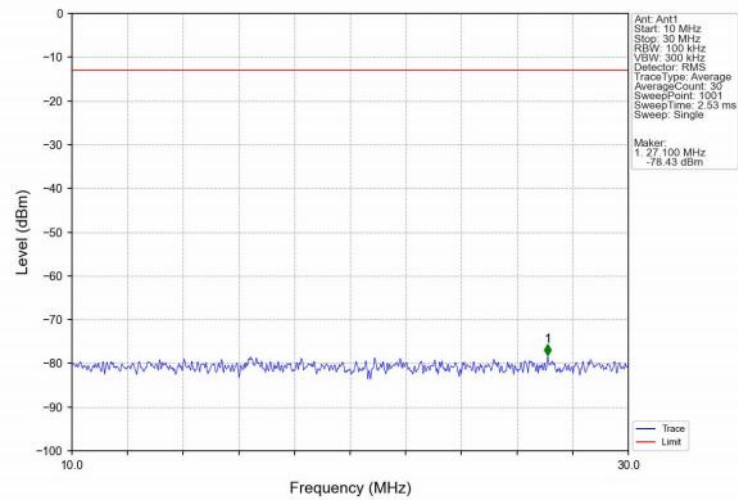
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



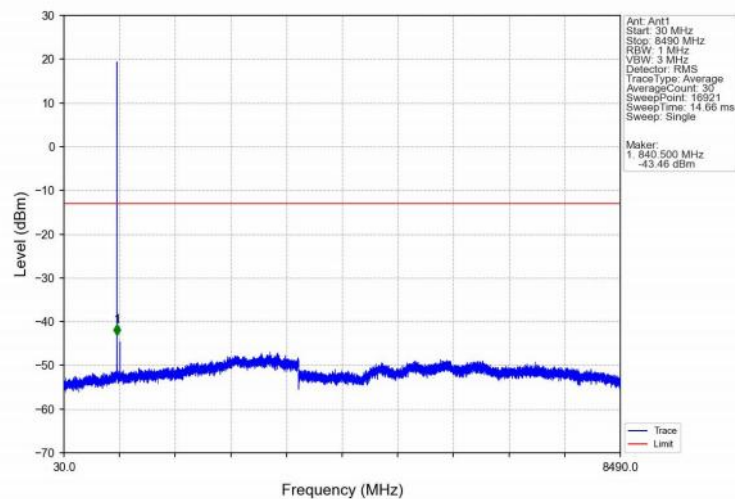
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



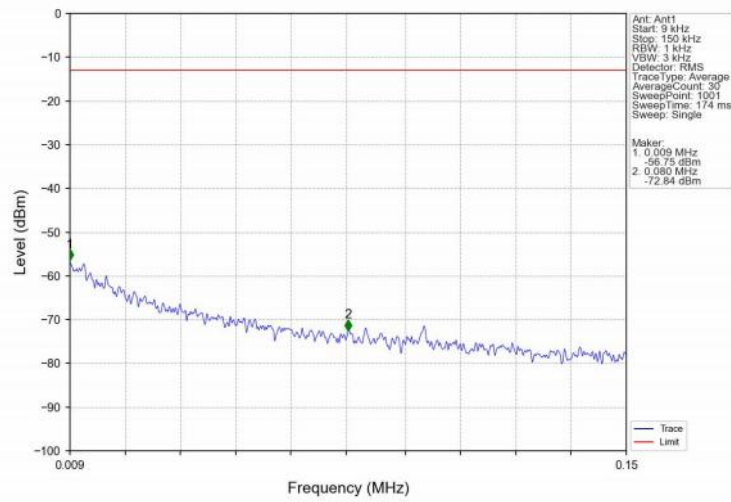
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



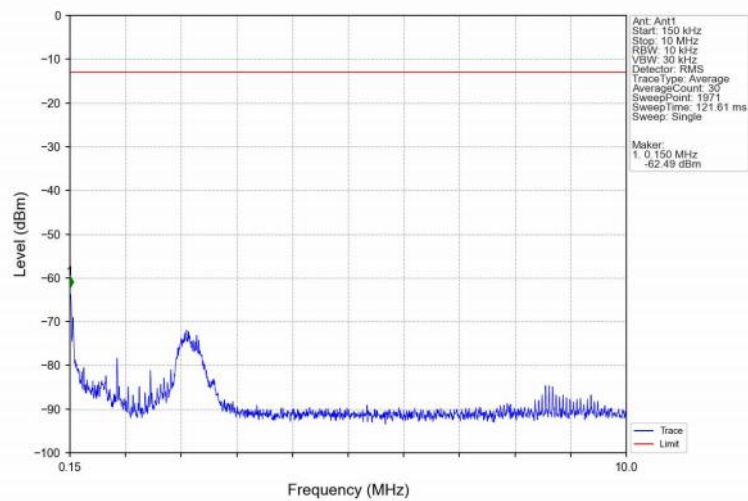
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



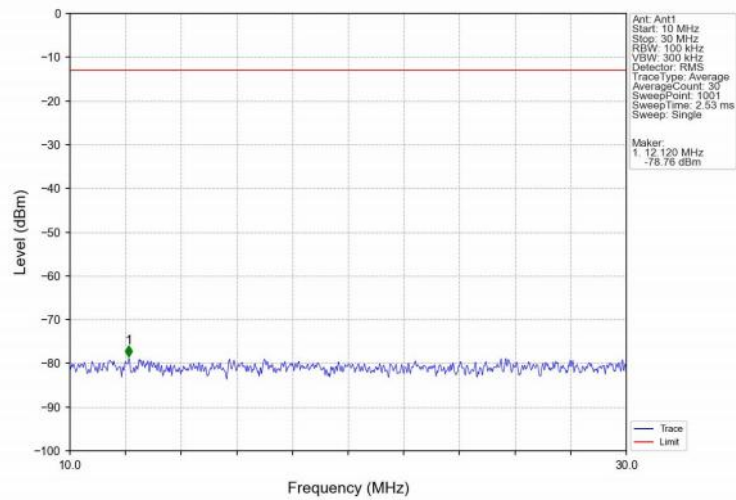
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



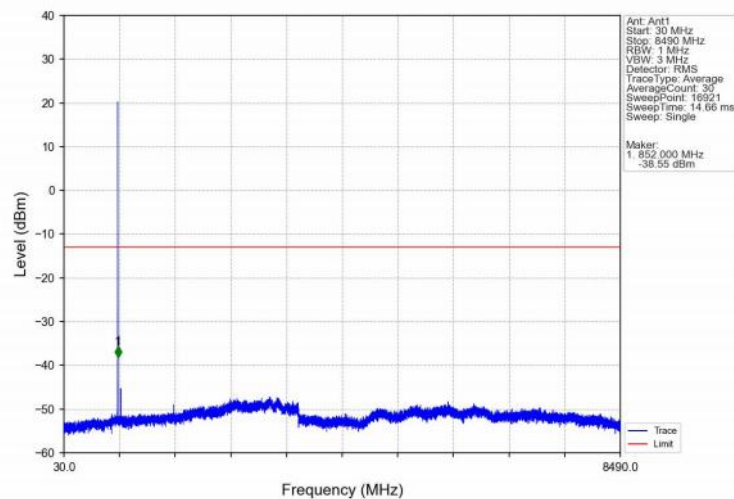
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



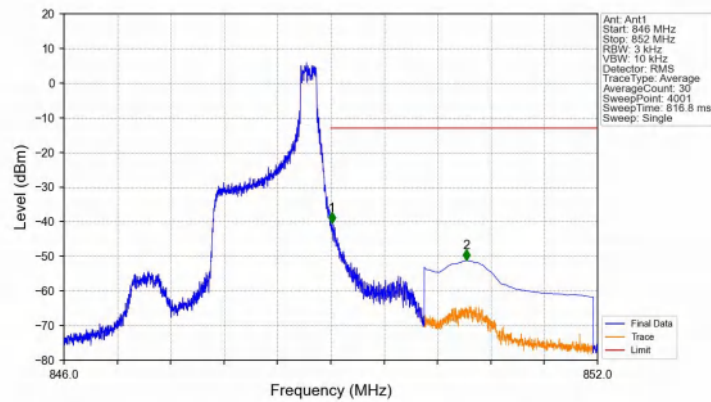
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

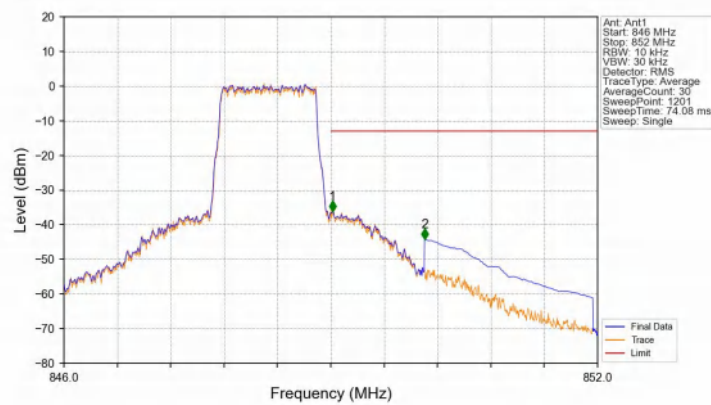


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-40.40	-13	Pass
850	852	0.1	CHP	2	850.525	-51.16	-13	Pass

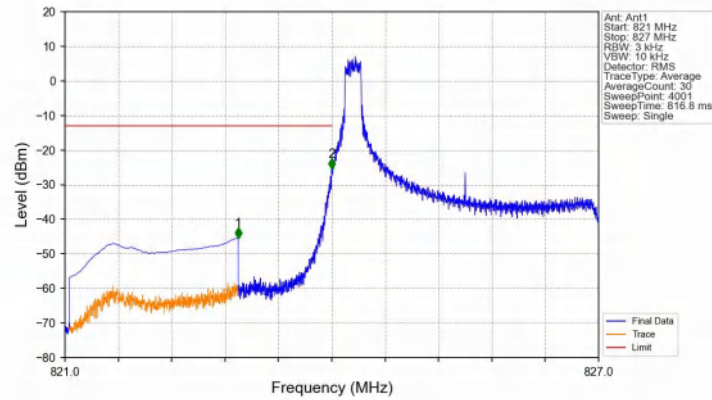
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



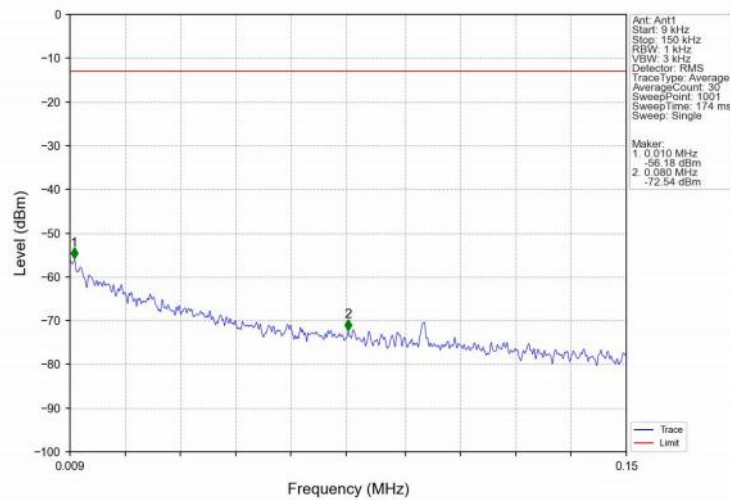
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.020	-36.24	-13	Pass
850	852	0.1	CHP	2	850.055	-44.23	-13	Pass

6.2.2 B5_3MHz

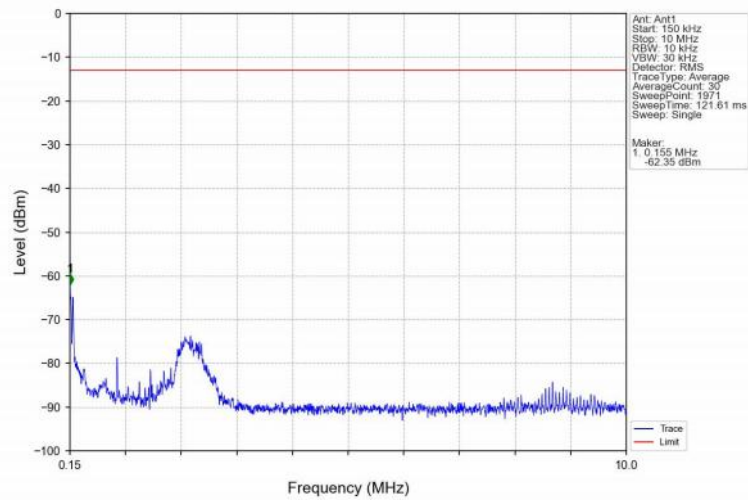
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



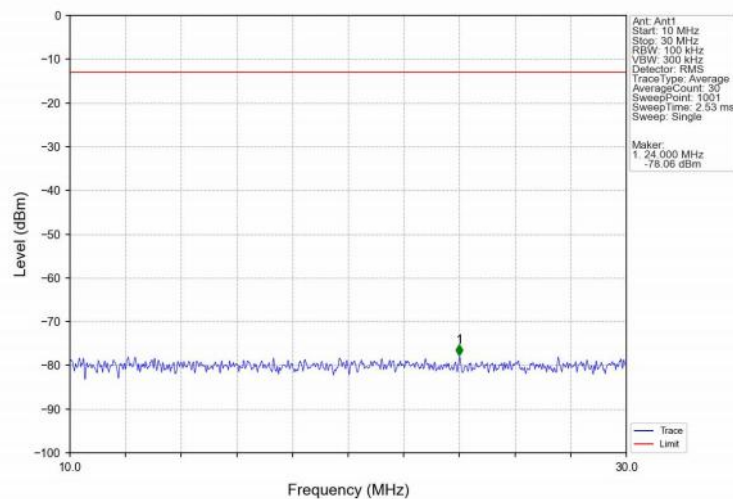
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



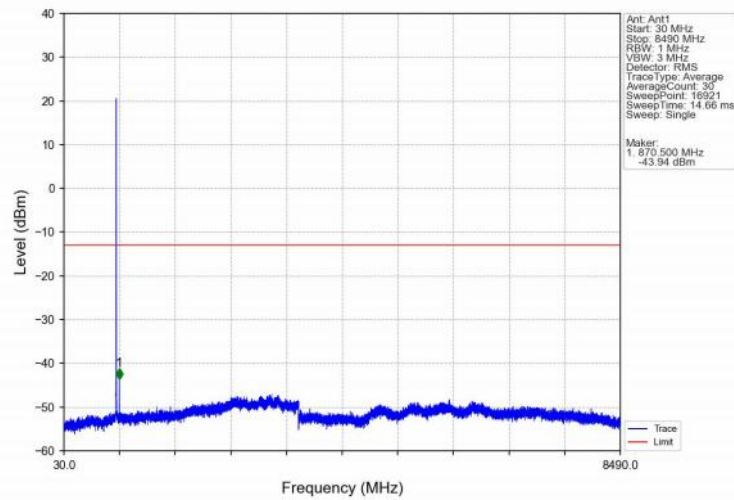
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



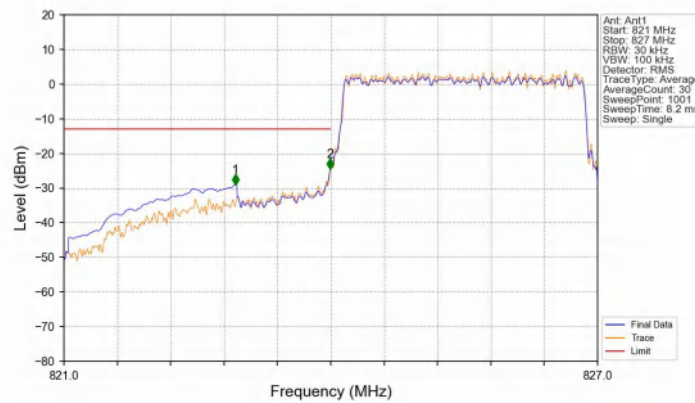
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

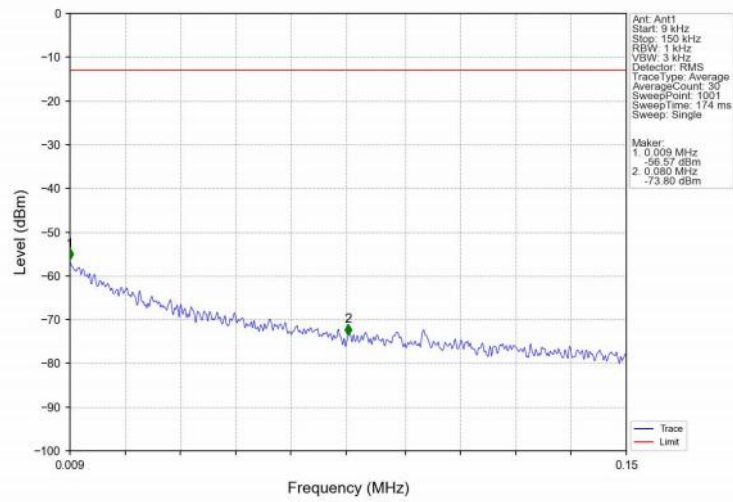


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

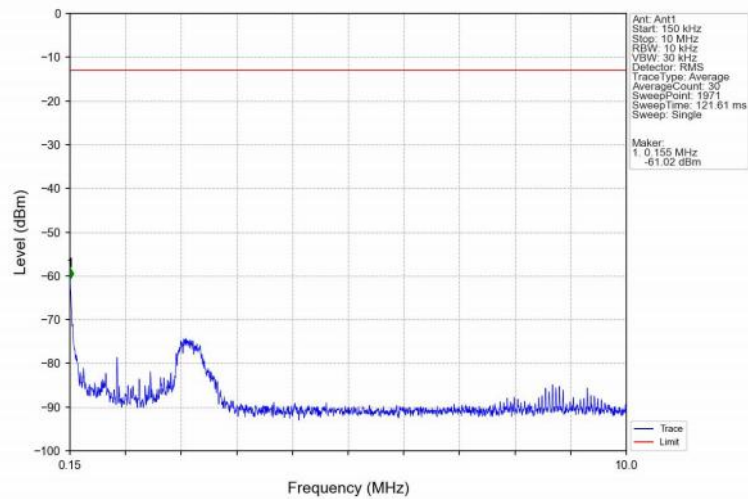


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.926	-29.07	-13	Pass
823	824	0.031	CHP	2	823.994	-24.55	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

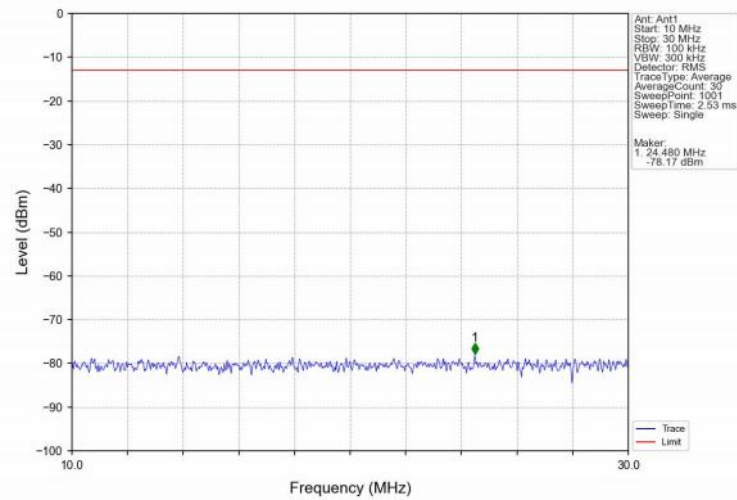
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



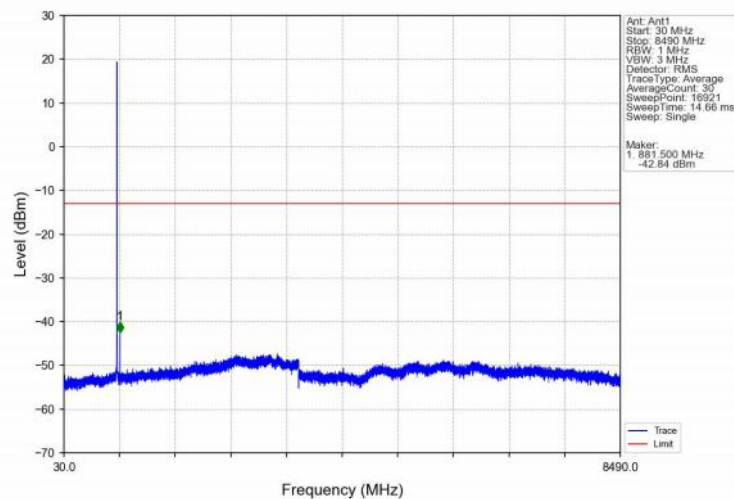
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



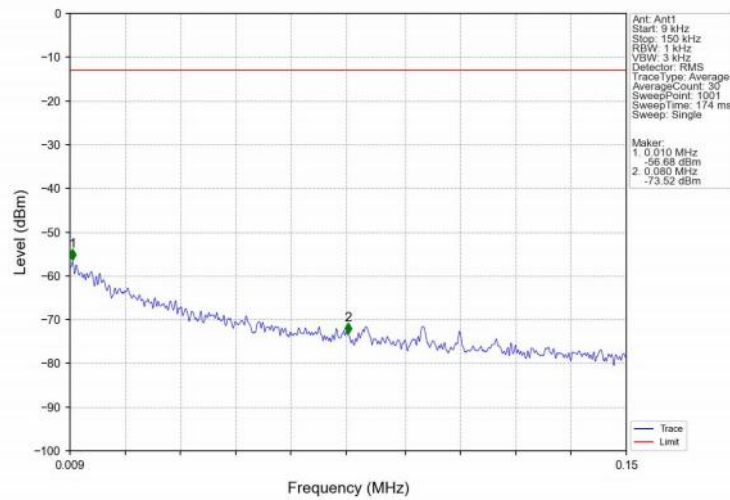
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



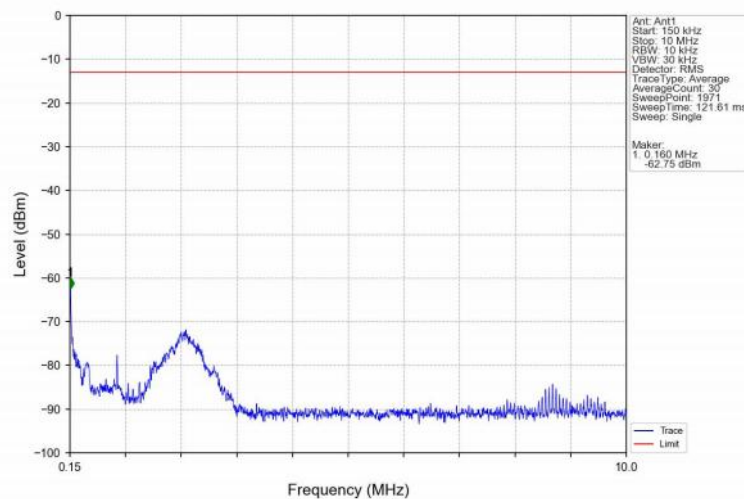
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



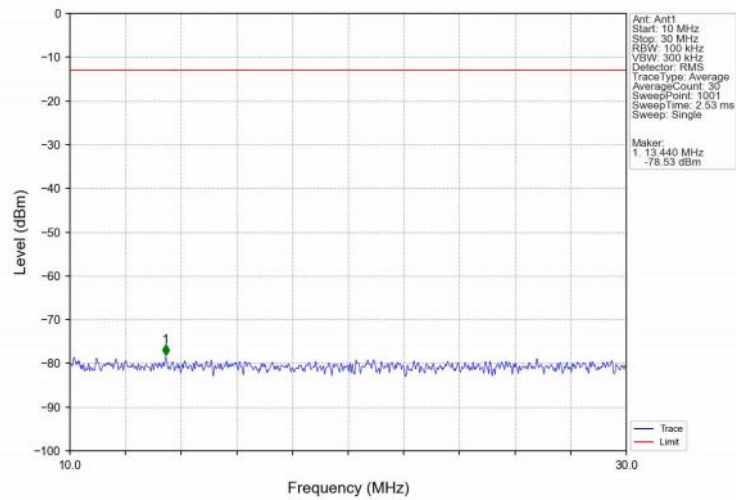
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



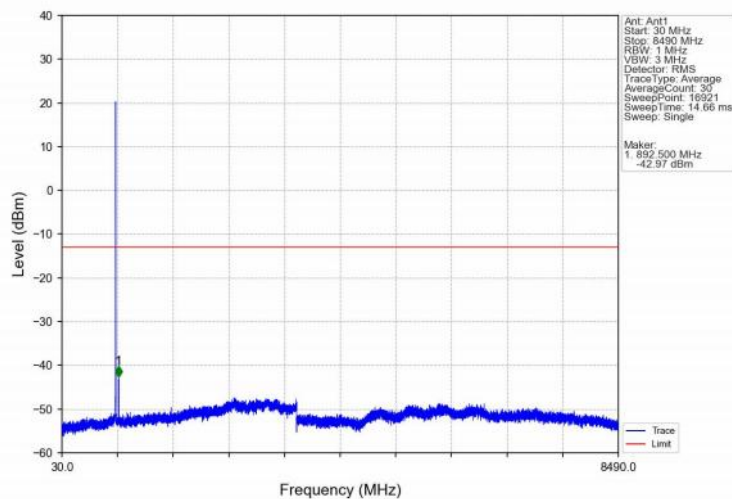
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



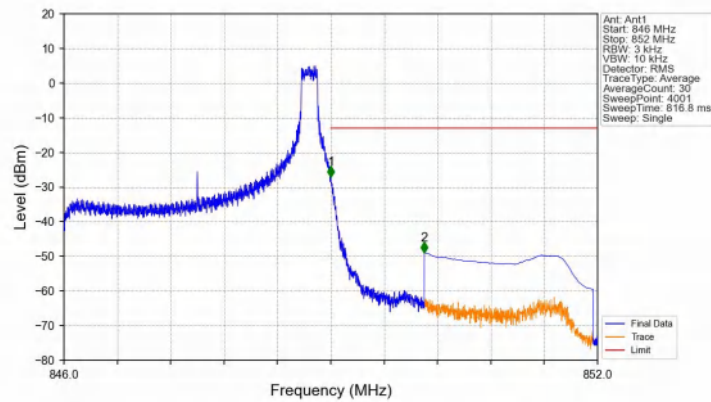
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



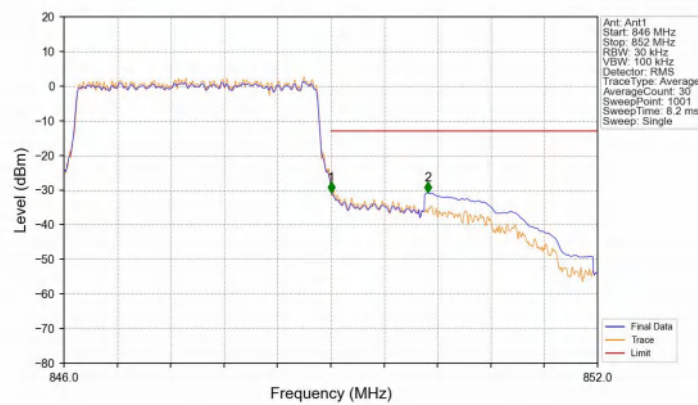
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



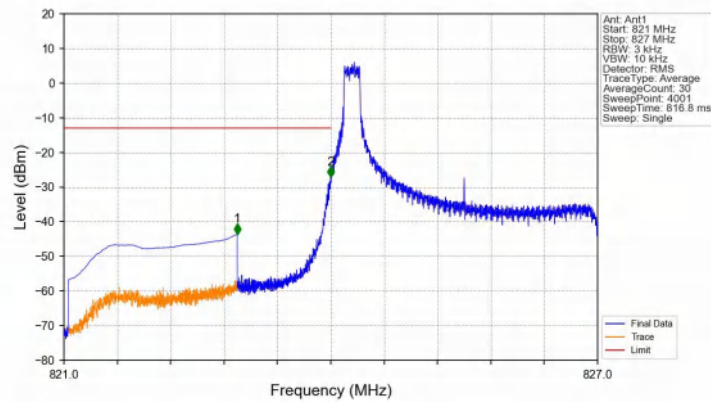
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

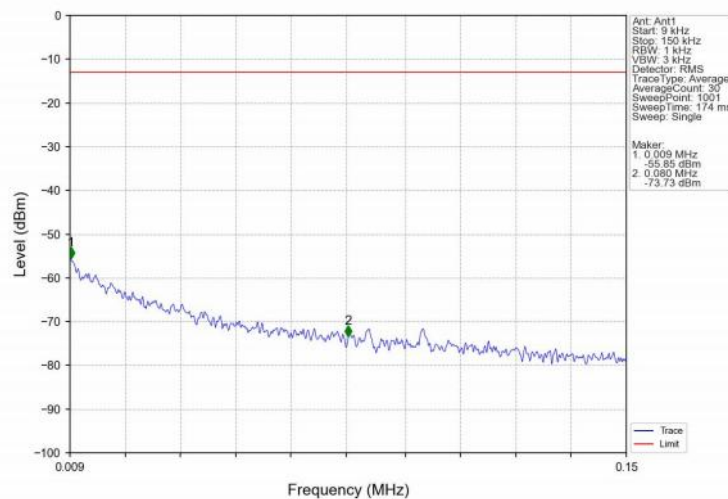


Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

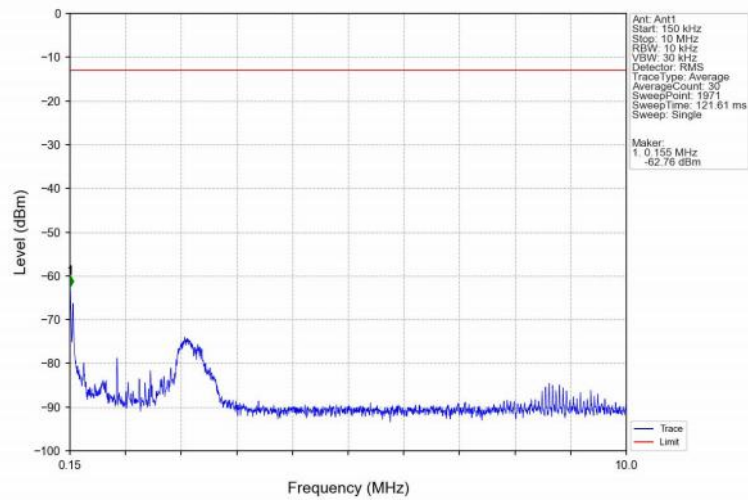


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-43.61	-13	Pass
823	824	0.003	/	2	823.999	-27.07	-13	Pass
824	827	0.003	/	/	/	/	/	/

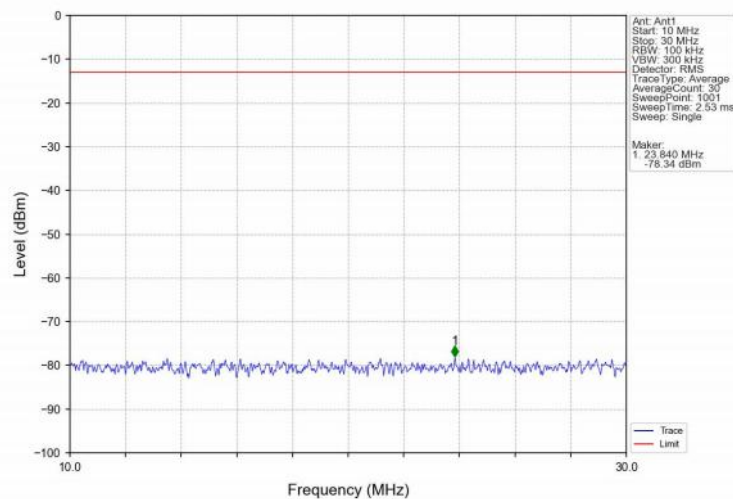
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



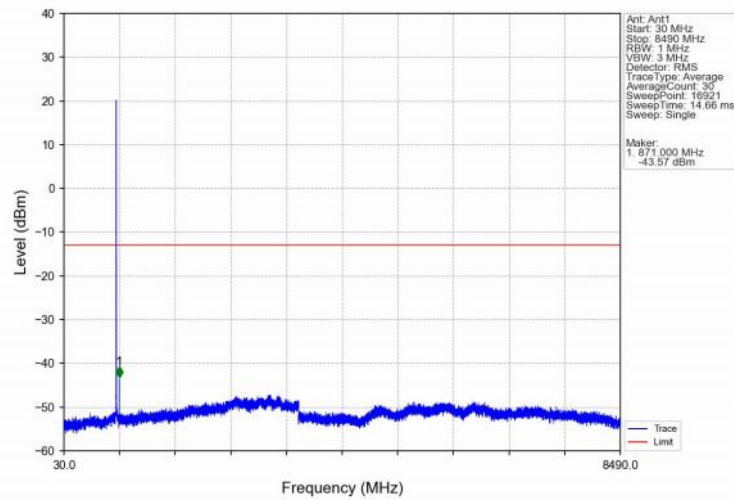
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



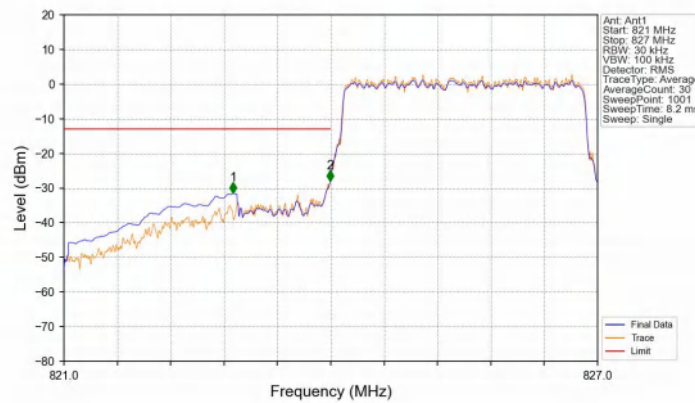
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

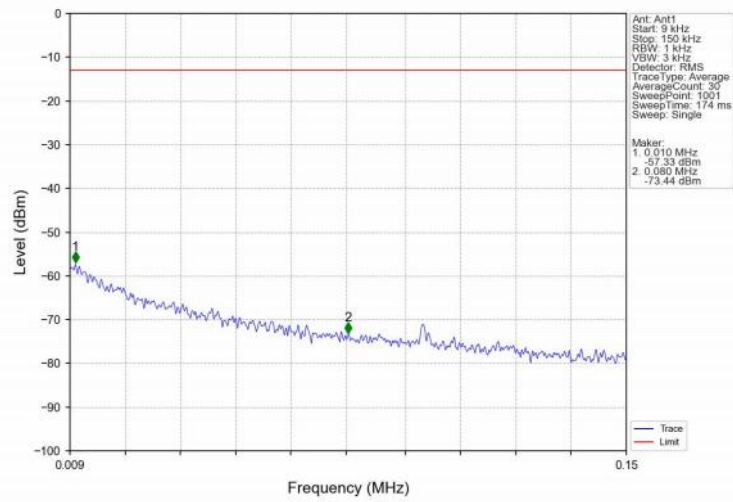


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

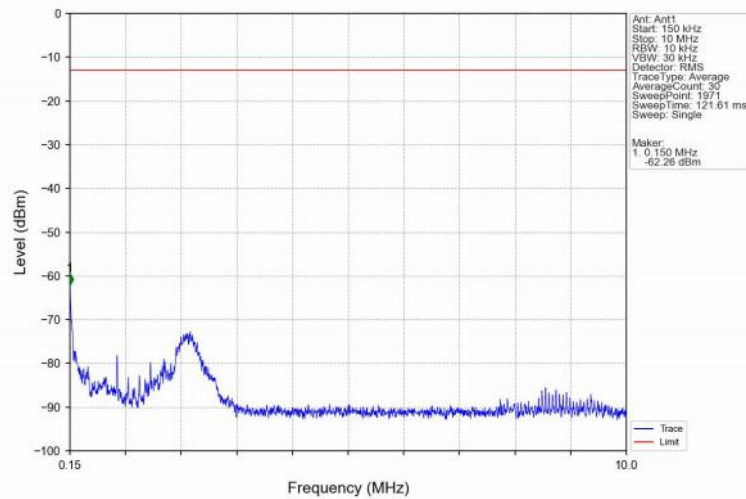


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.902	-31.40	-13	Pass
823	824	0.031	CHP	2	823.994	-27.94	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

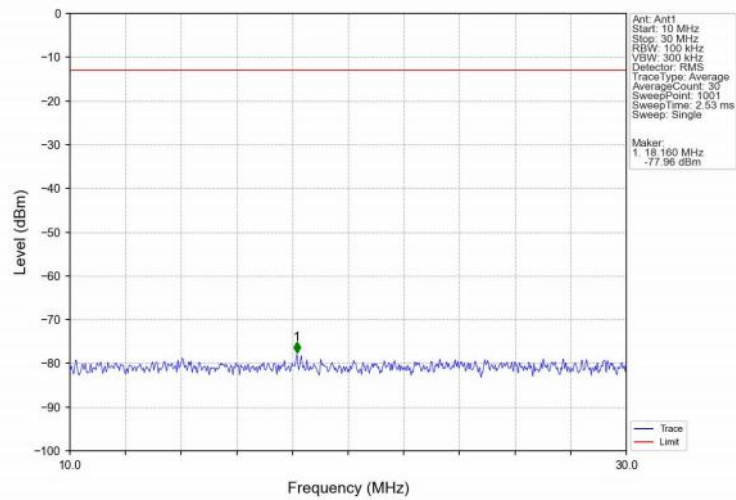
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



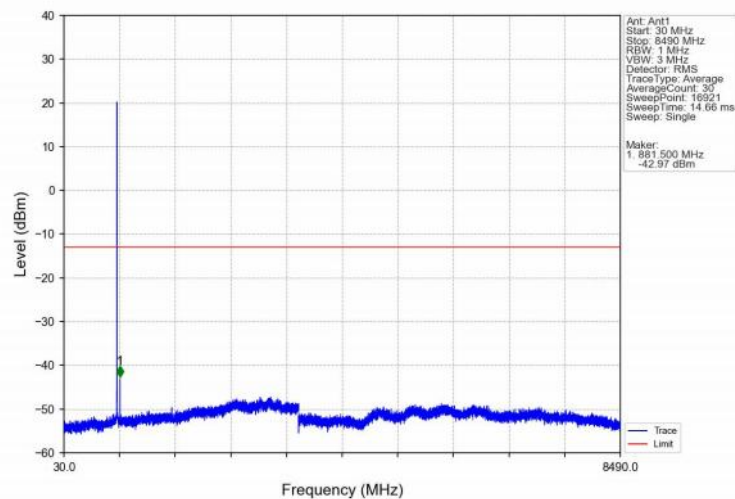
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



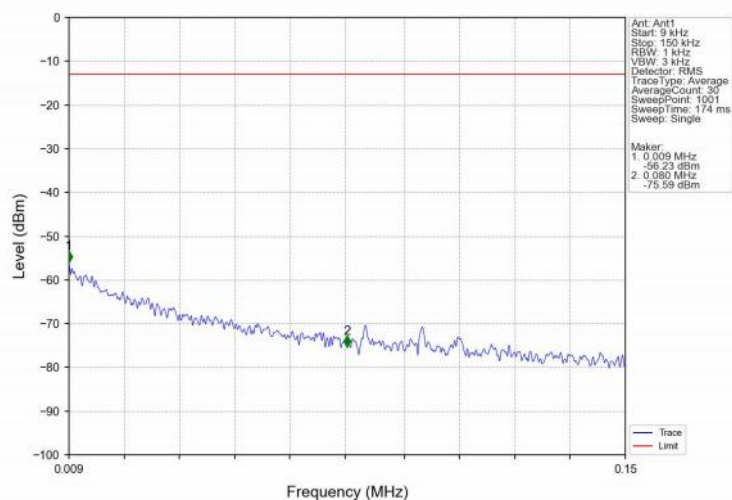
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



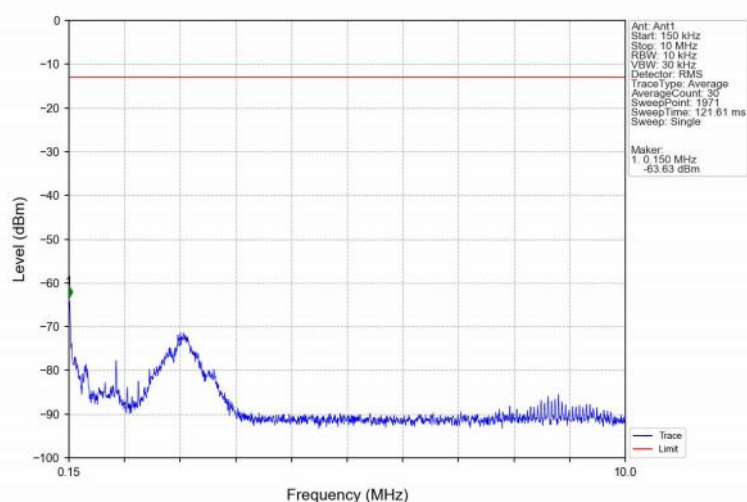
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



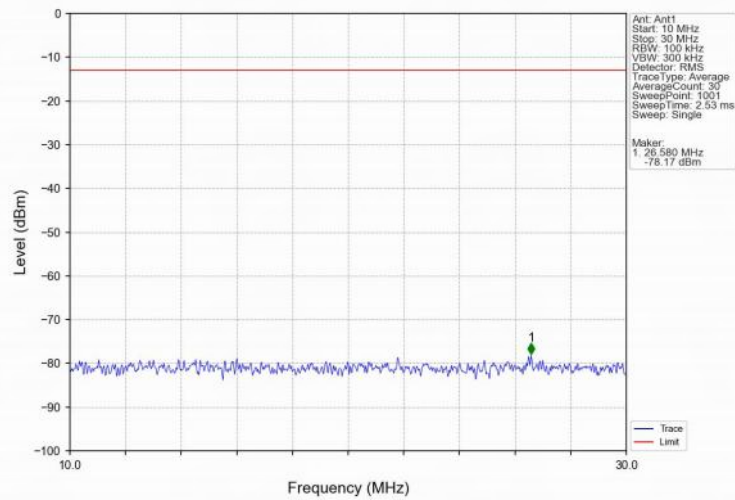
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



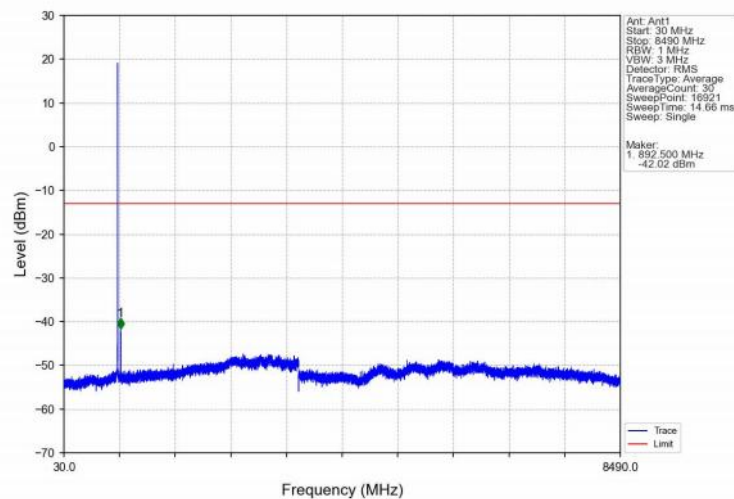
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



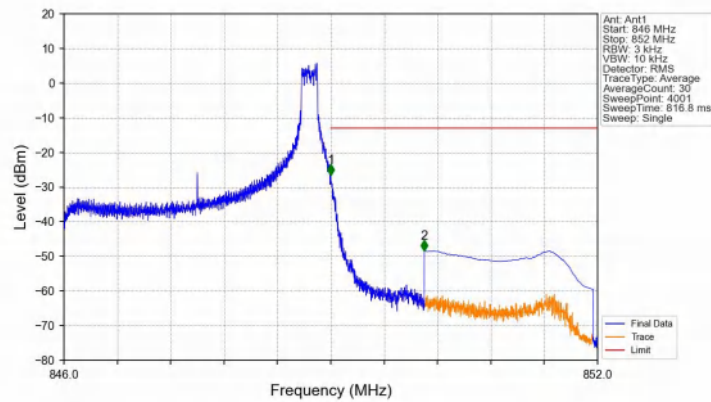
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



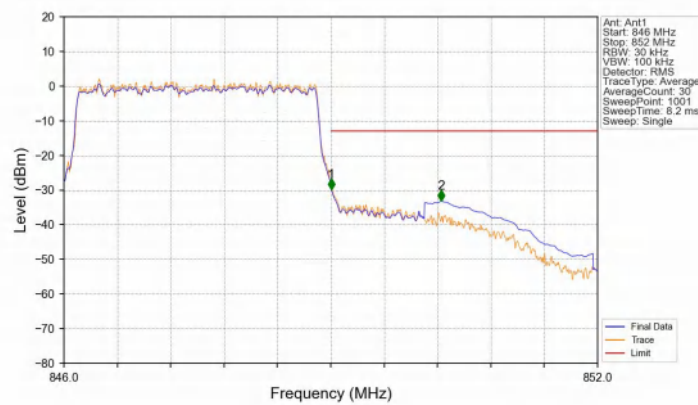
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV

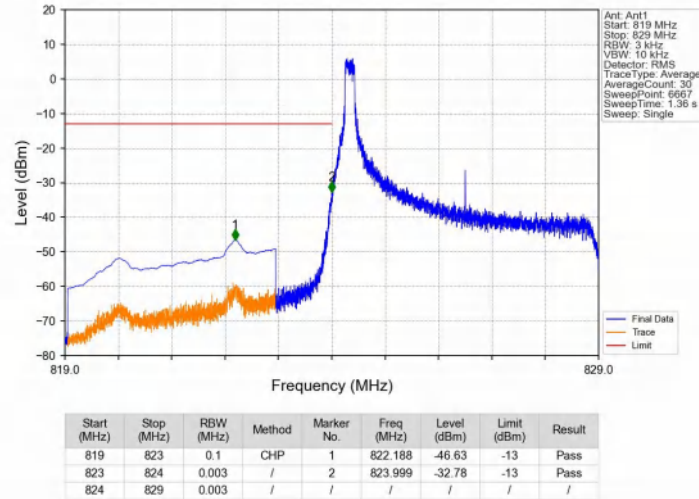


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

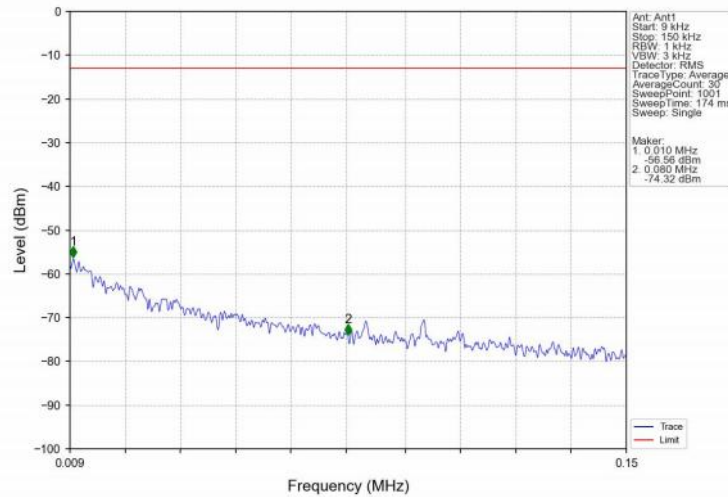


6.2.3 B5_5MHz

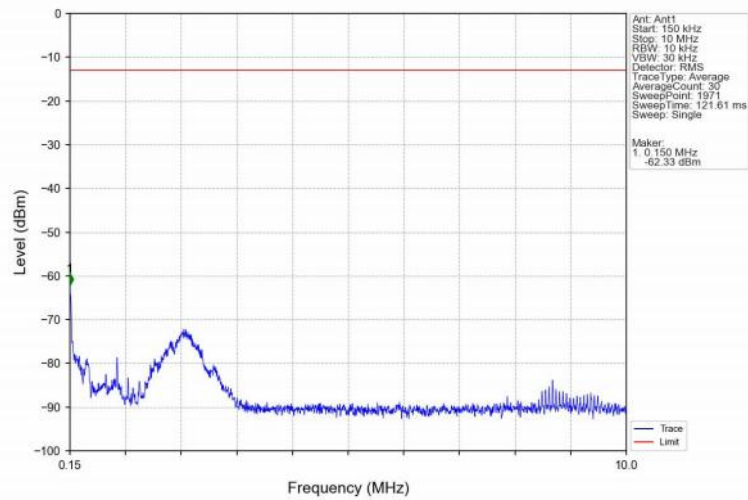
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



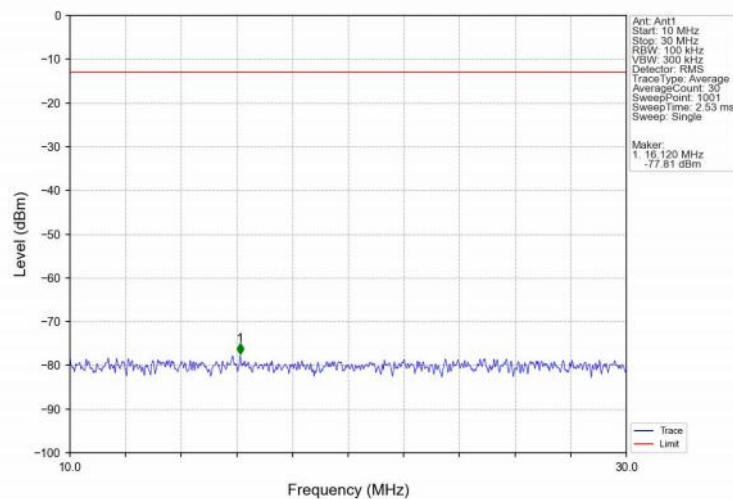
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



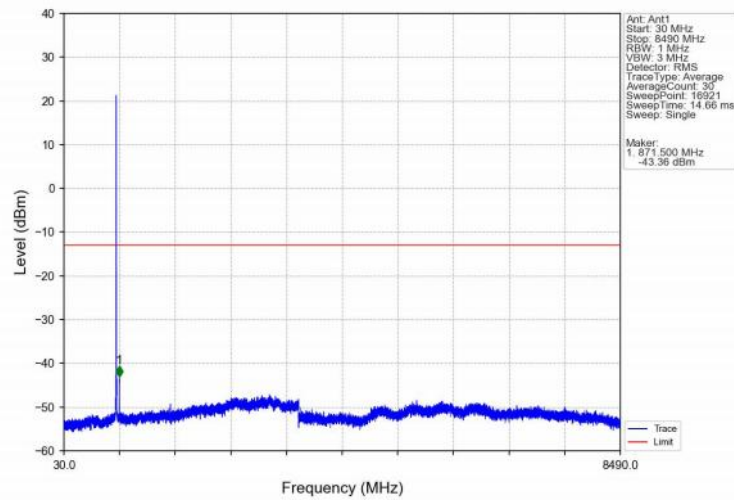
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



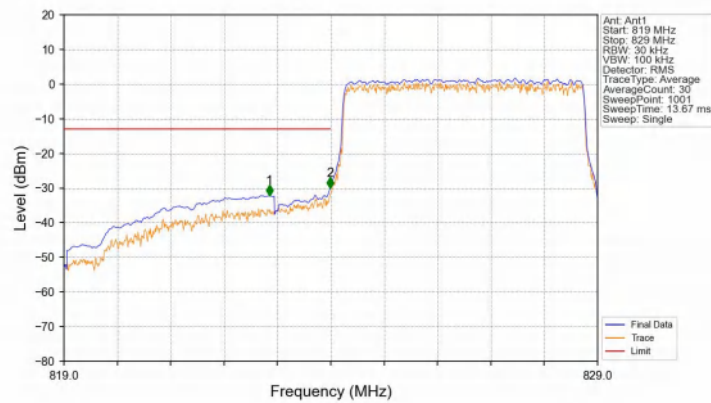
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

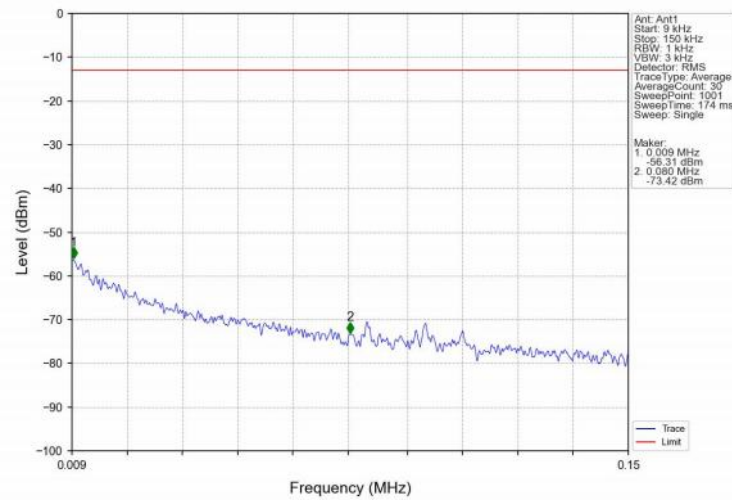


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

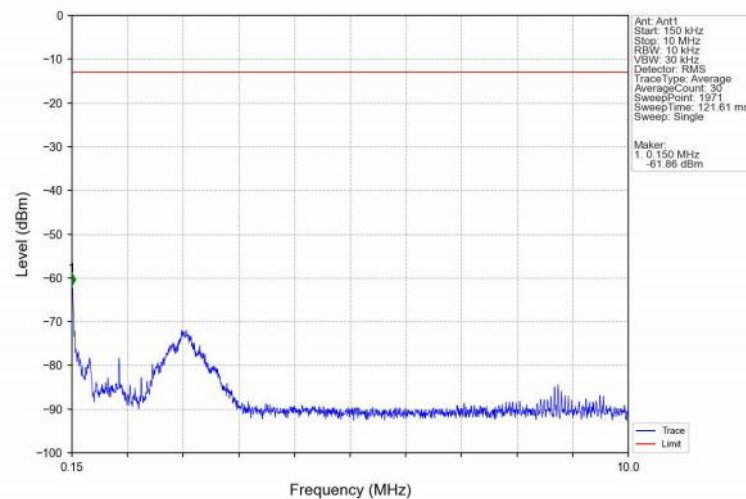


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.850	-32.19	-13	Pass
823	824	0.05	CHP	2	823.990	-30.06	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

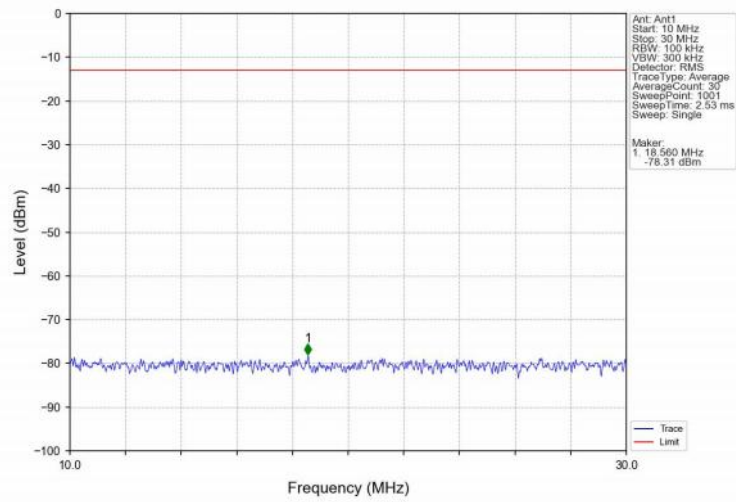
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



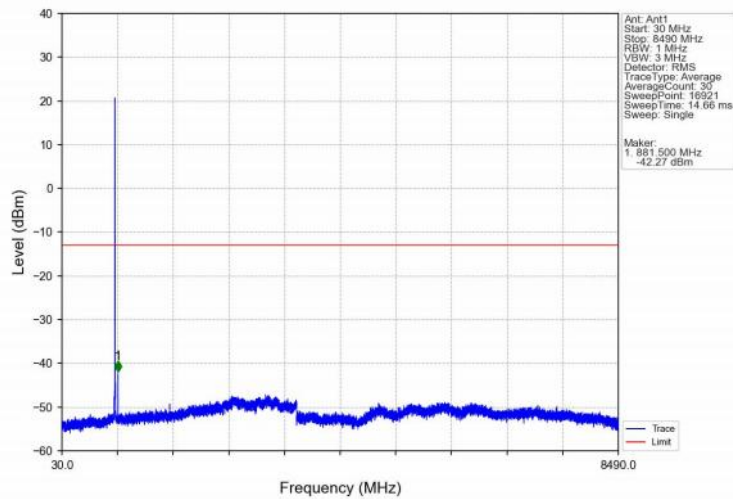
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



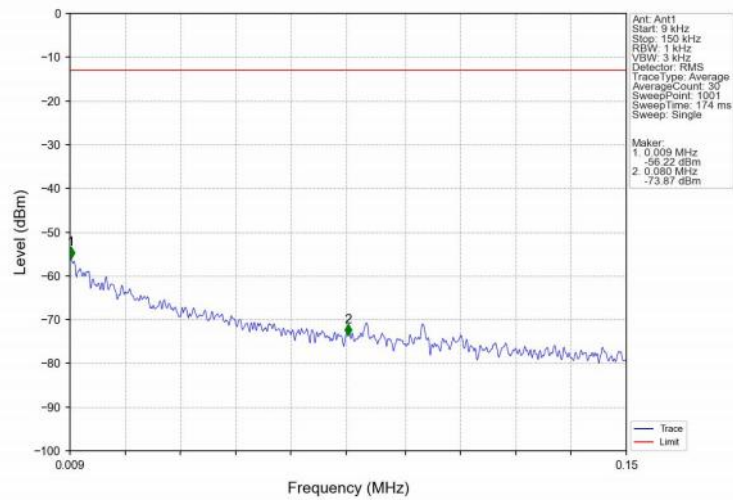
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



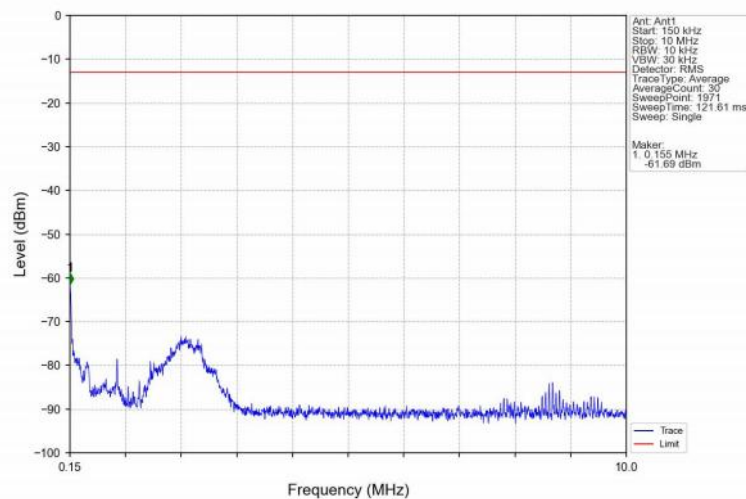
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



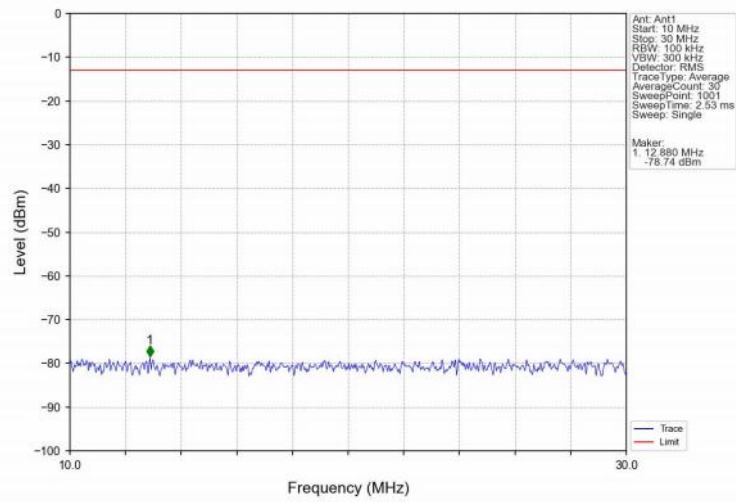
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



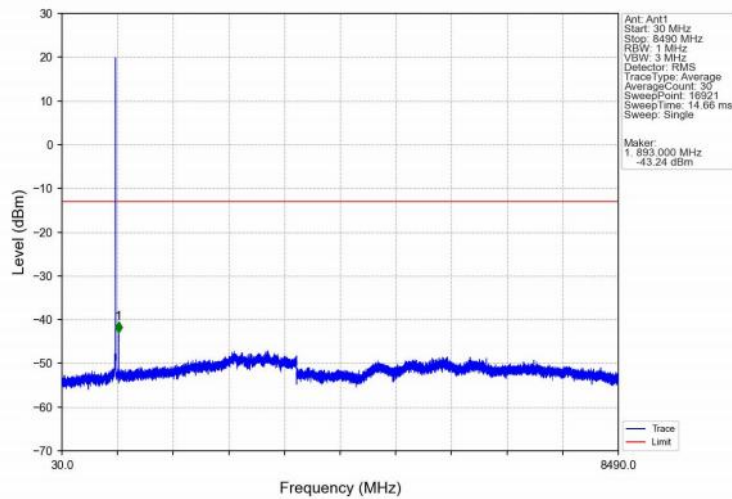
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



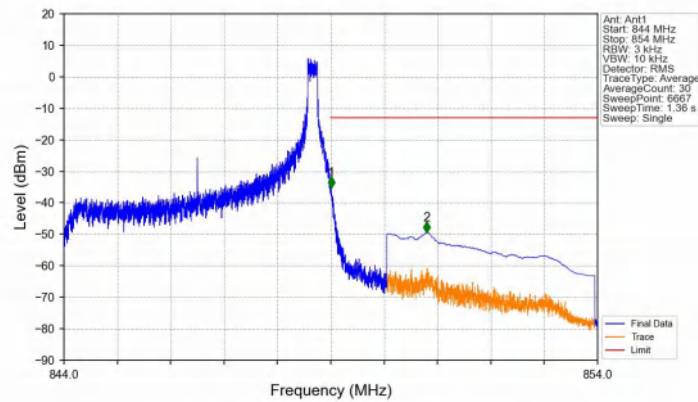
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

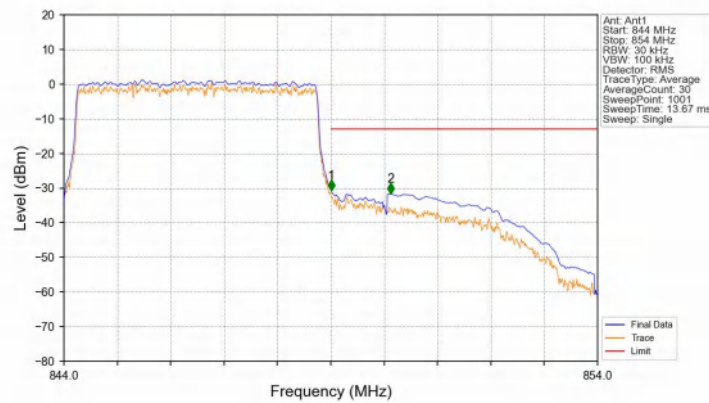


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



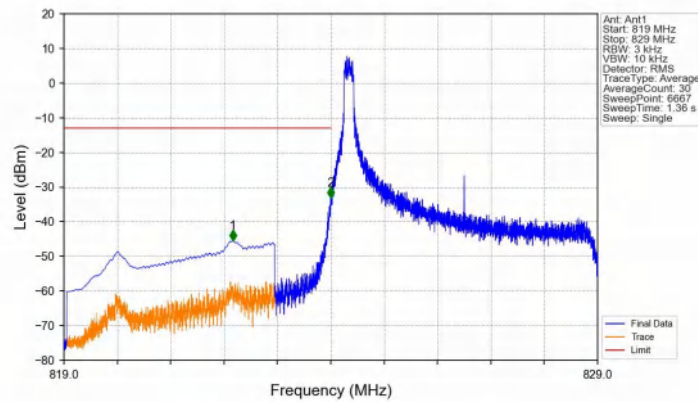
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-35.24	-13	Pass
850	854	0.1	CHP	2	850.794	-49.42	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



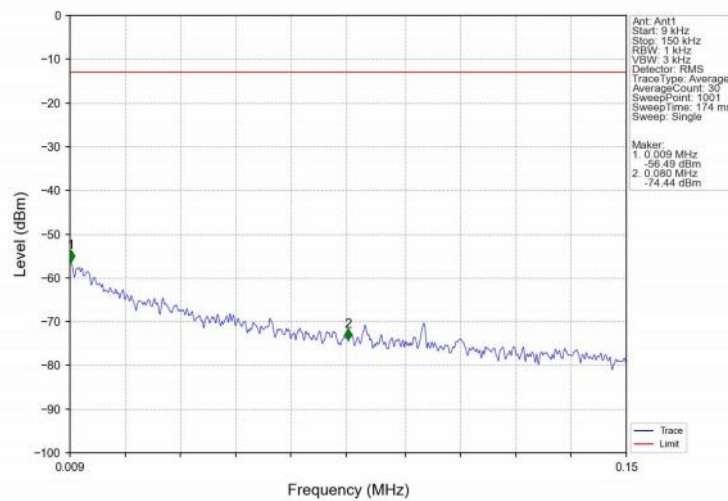
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-30.68	-13	Pass
850	854	0.1	CHP	2	850.120	-31.74	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

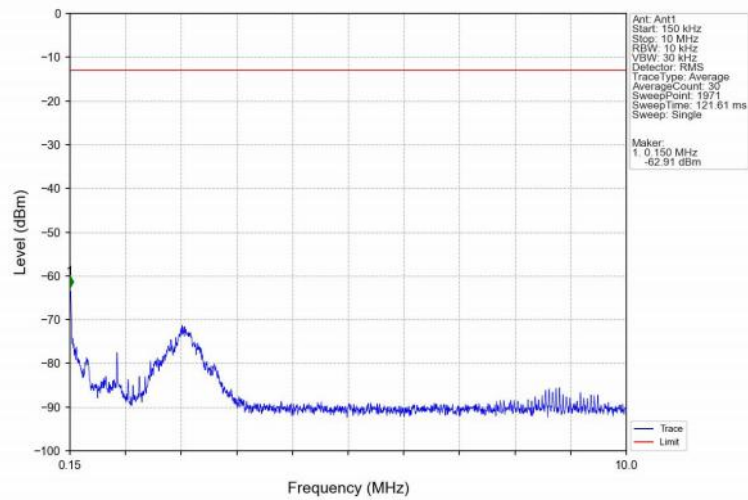


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.168	-45.52	-13	Pass
823	824	0.003	/	2	823.997	-33.15	-13	Pass
824	829	0.003	/	/	/	/	/	/

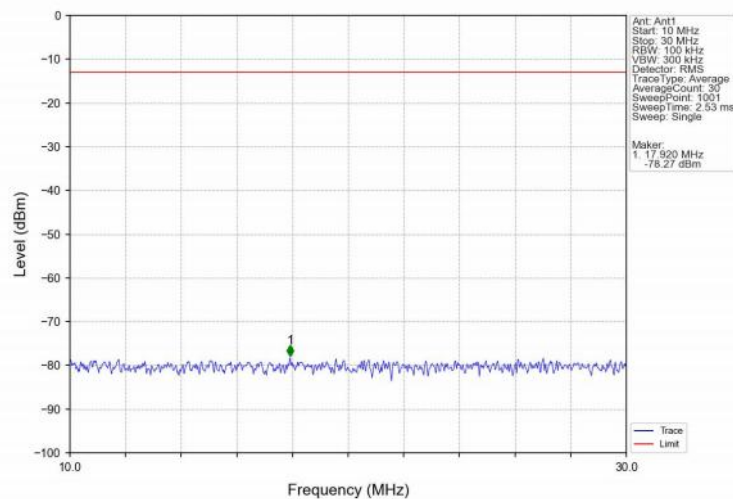
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



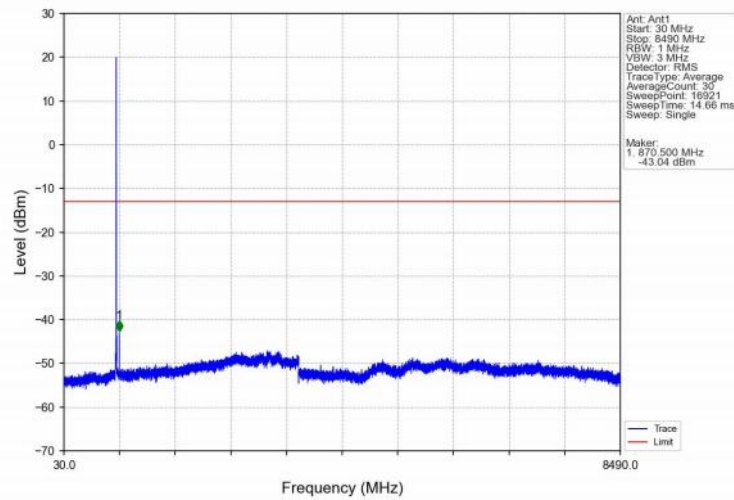
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



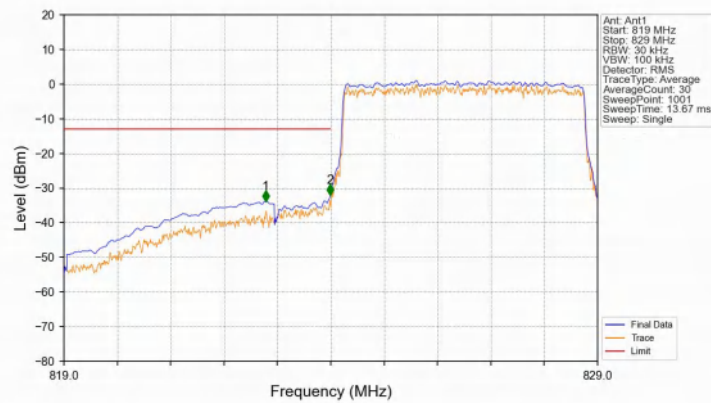
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

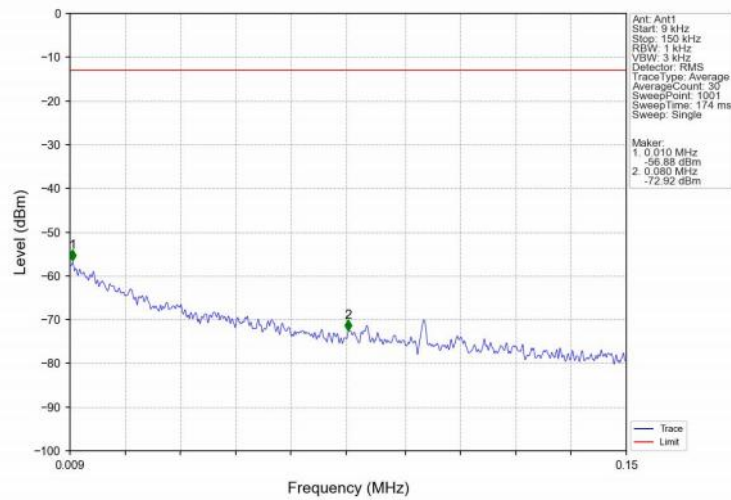


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

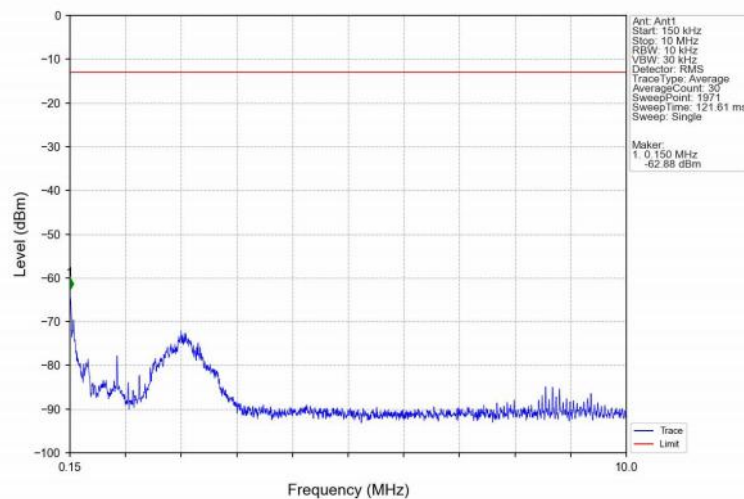


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.780	-33.94	-13	Pass
823	824	0.051	CHP	2	823.990	-31.99	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

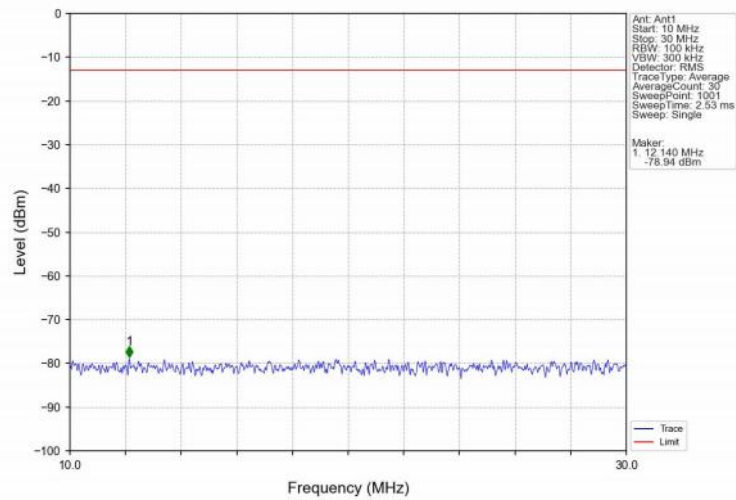
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



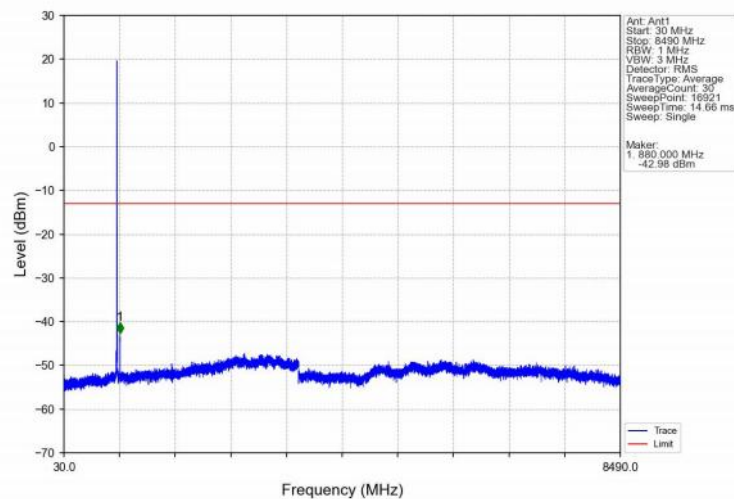
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



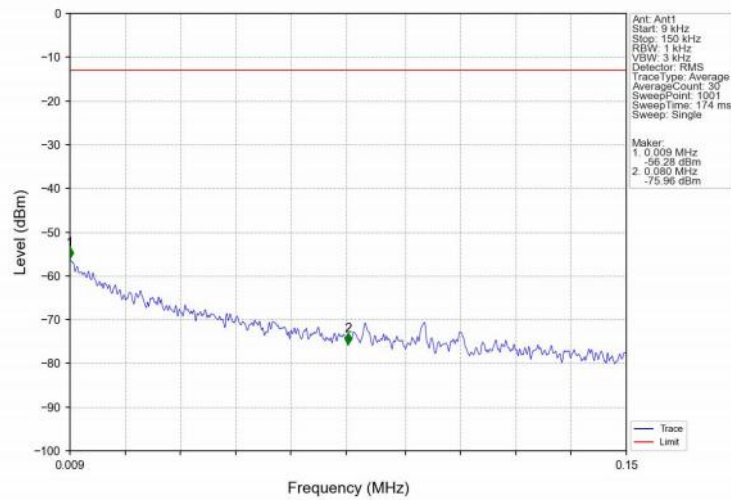
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



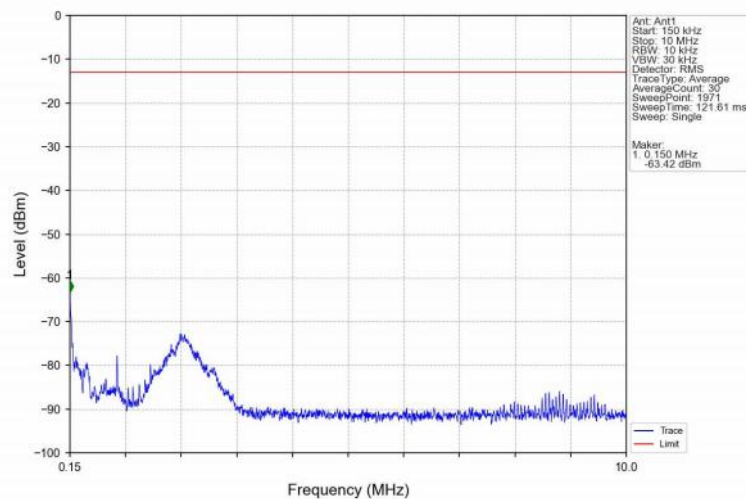
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



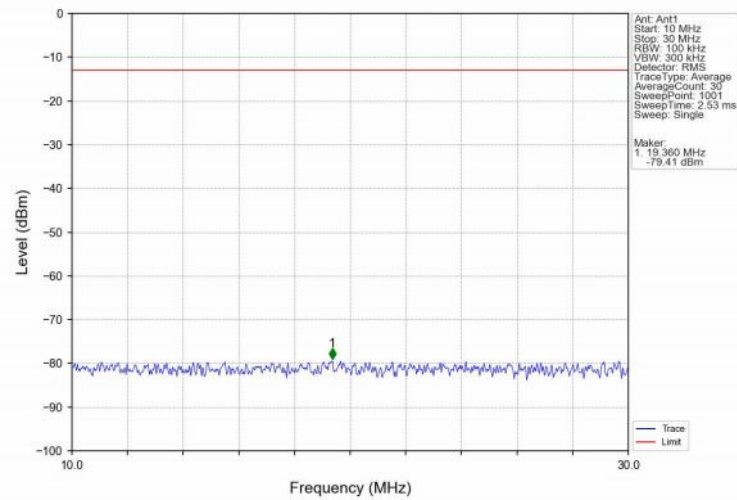
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



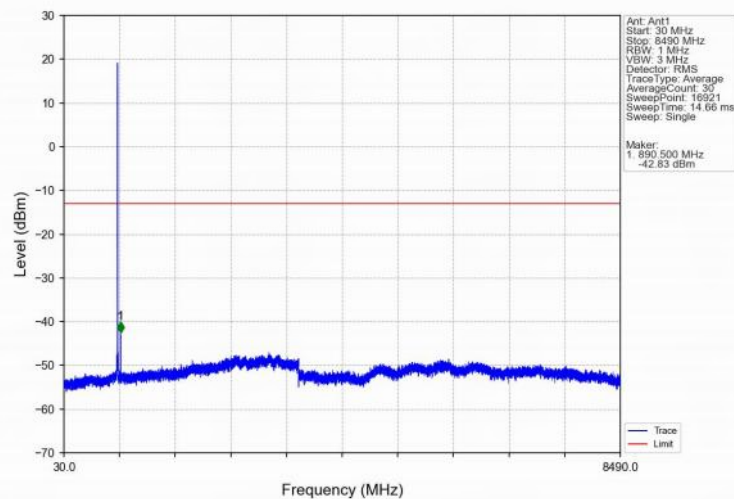
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



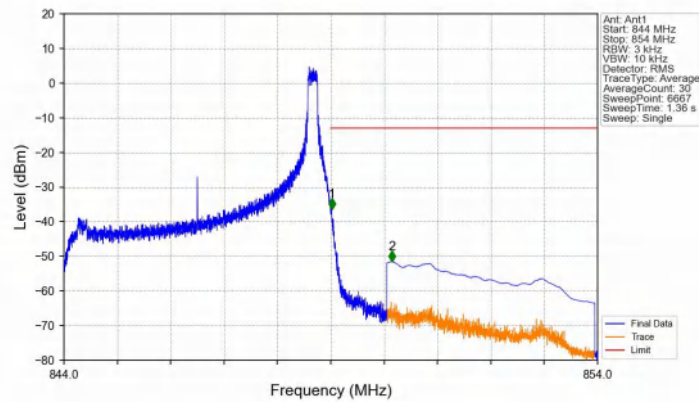
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

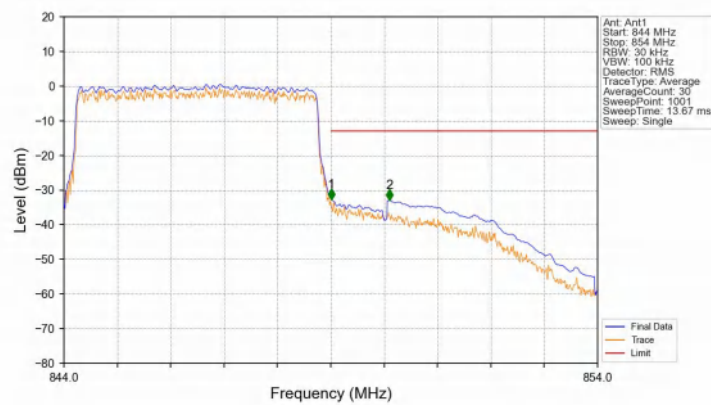


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



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	849.018	-36.47	-13	Pass
850	854	0.1	CHP	2	850.149	-51.50	-13	Pass

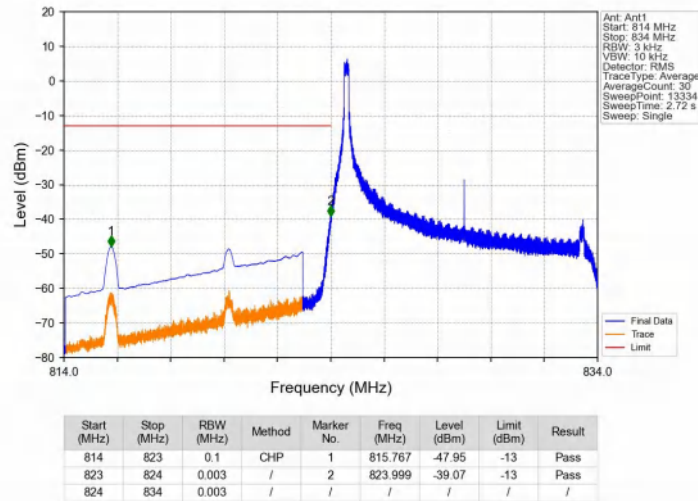
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



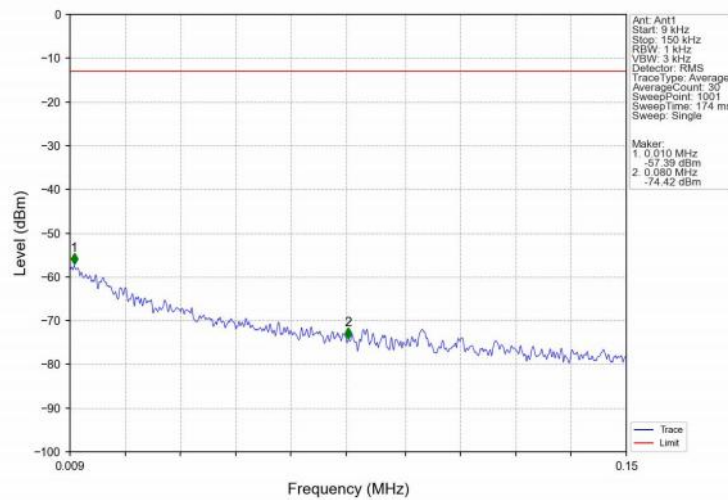
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-32.85	-13	Pass
850	854	0.1	CHP	2	850.100	-32.91	-13	Pass

6.2.4 B5_10MHz

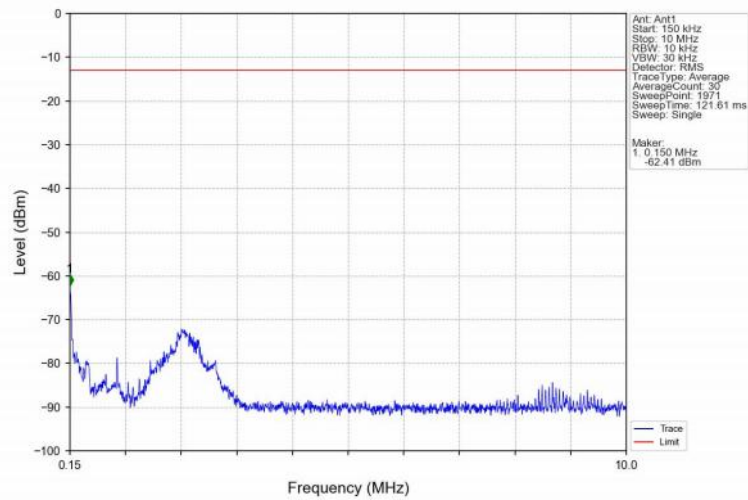
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



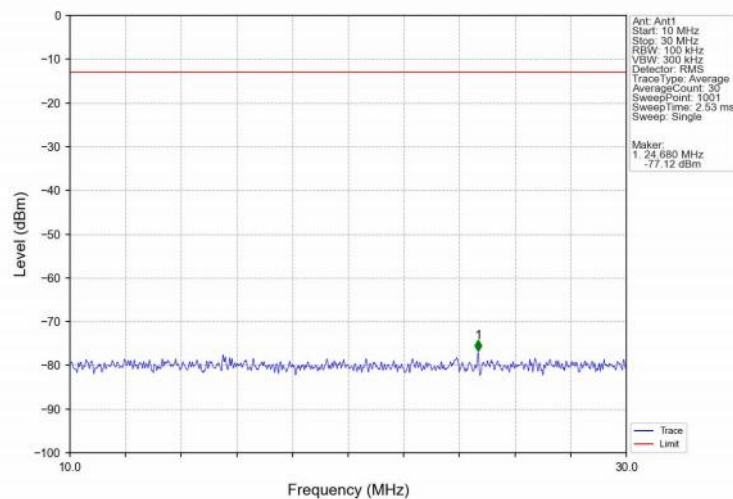
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



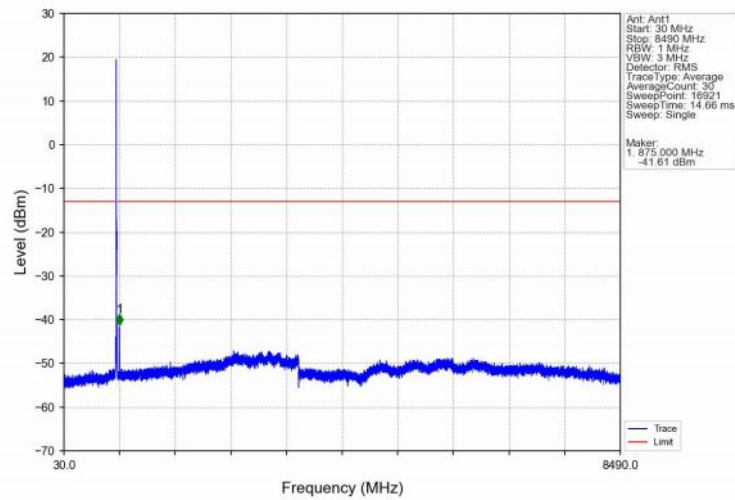
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



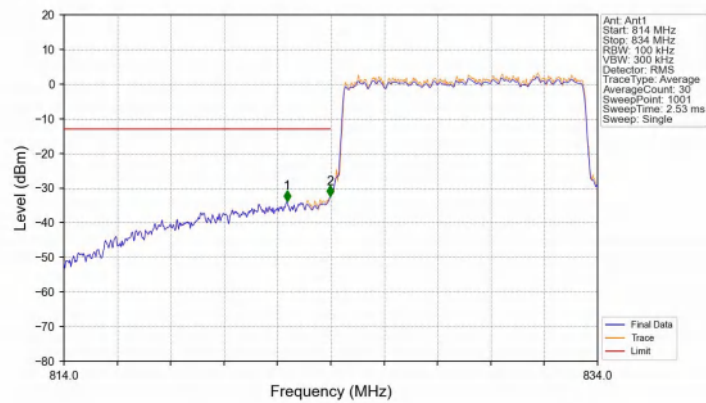
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

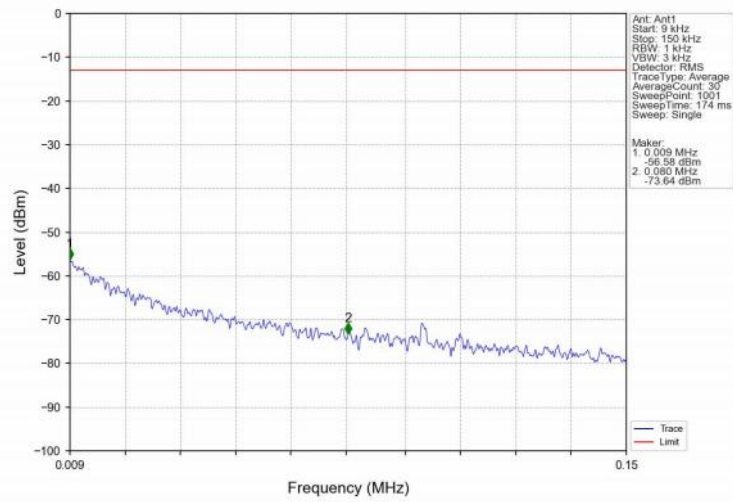


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

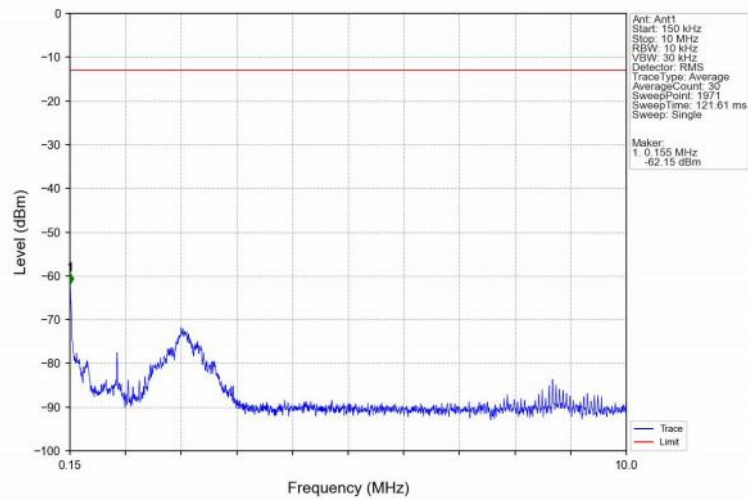


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.360	-33.77	-13	Pass
823	824	0.101	CHP	2	823.980	-32.41	-13	Pass
824	834	0.101	CHP	/	/	/	/	/

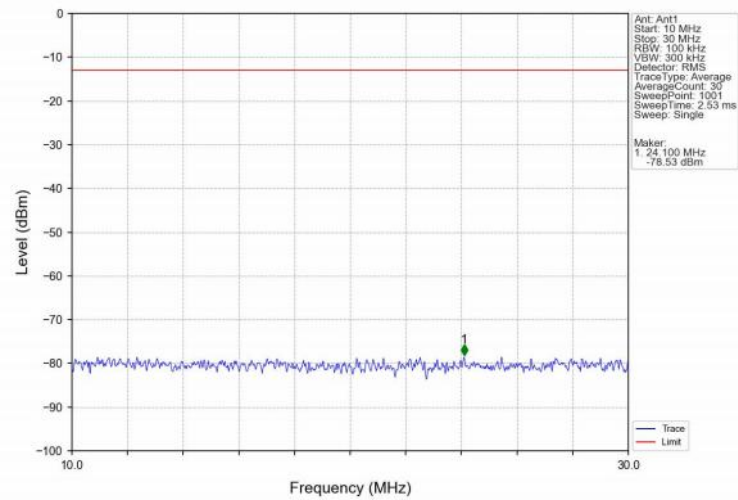
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



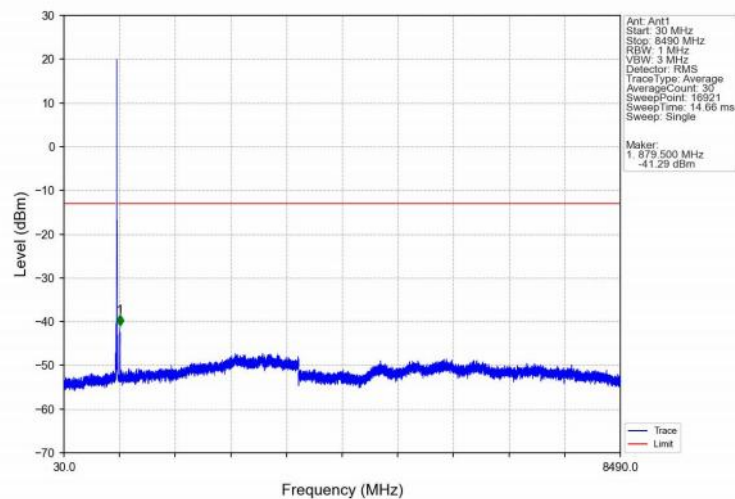
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



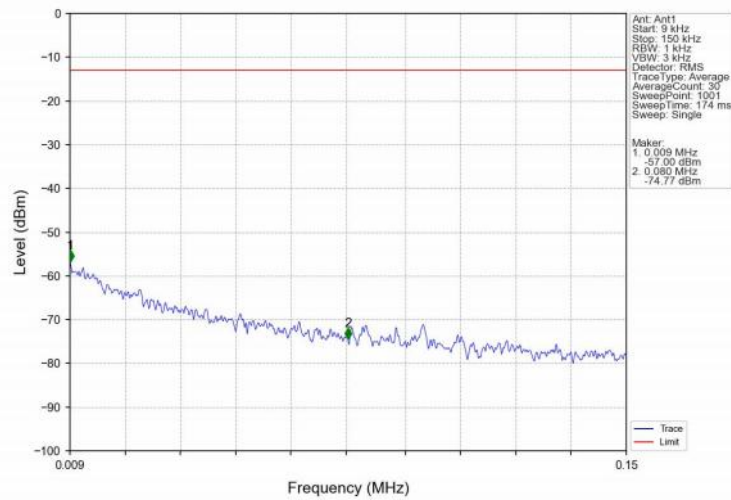
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



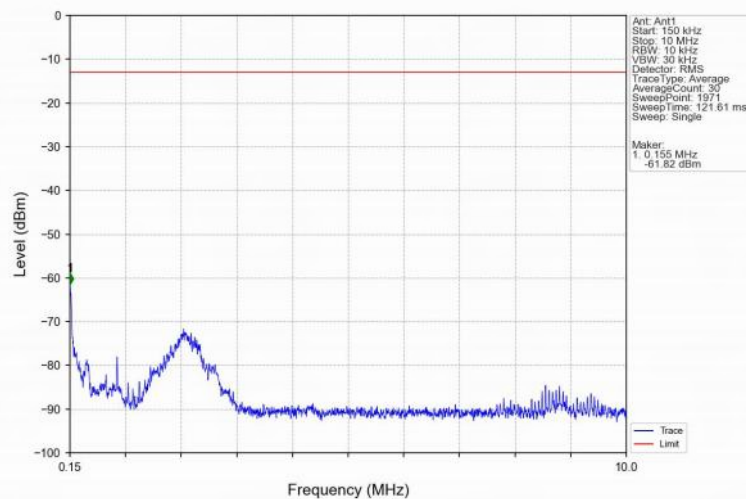
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



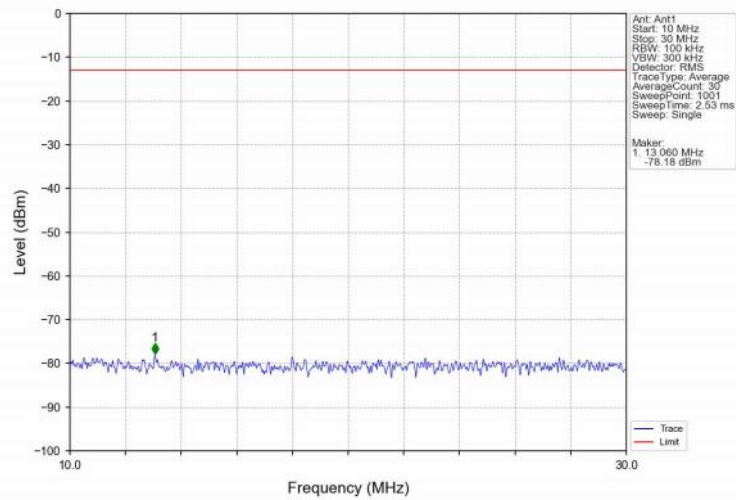
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



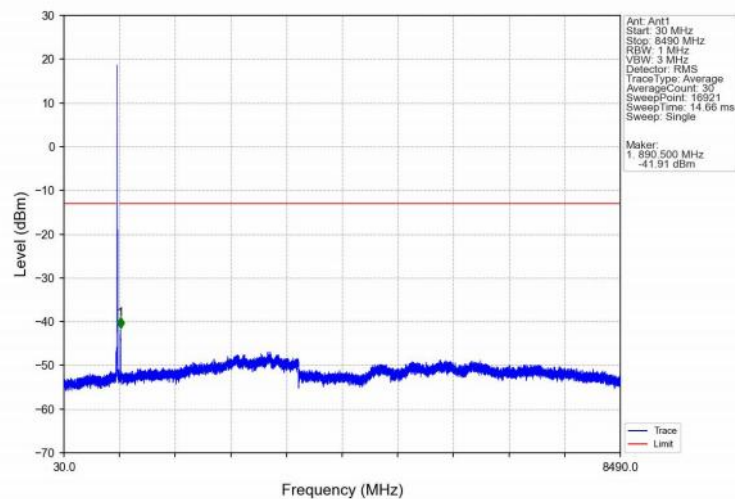
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



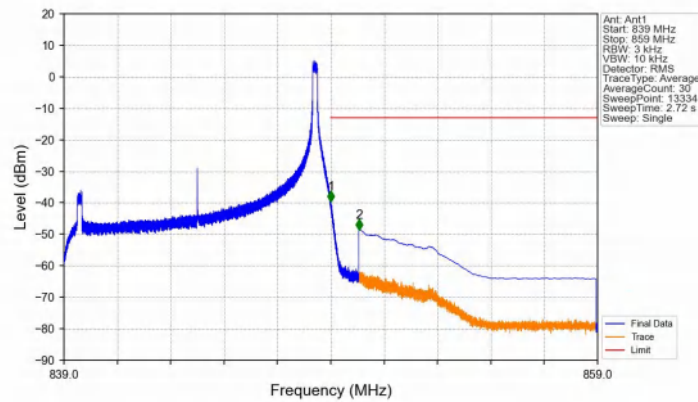
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

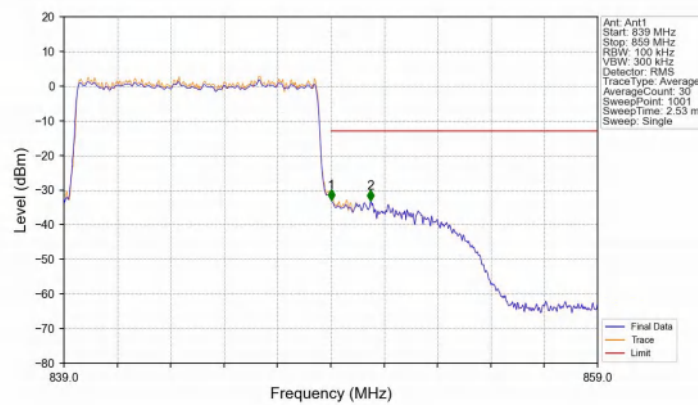


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



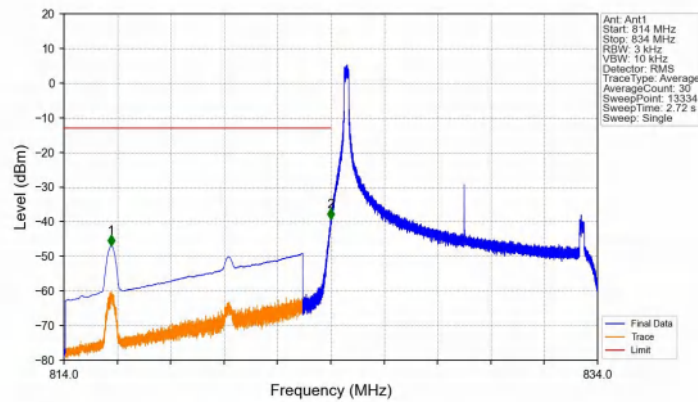
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-39.70	-13	Pass
850	859	0.1	CHP	2	850.060	-48.59	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



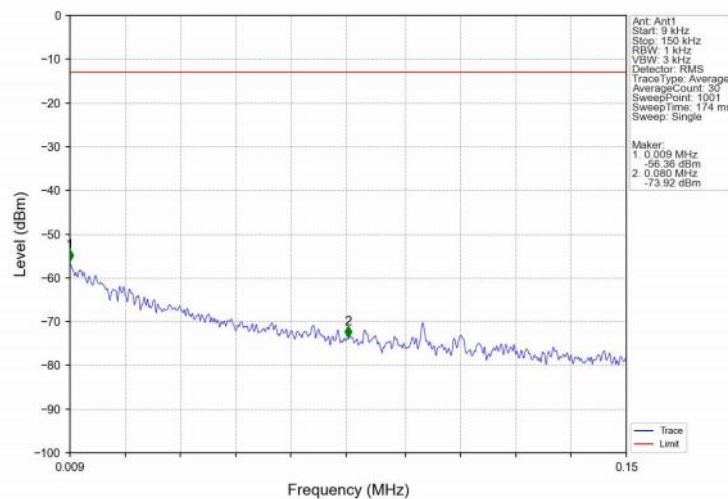
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	CHP	/	/	/	/	/
849	850	0.101	CHP	1	849.020	-32.90	-13	Pass
850	859	0.1	/	2	850.500	-33.09	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

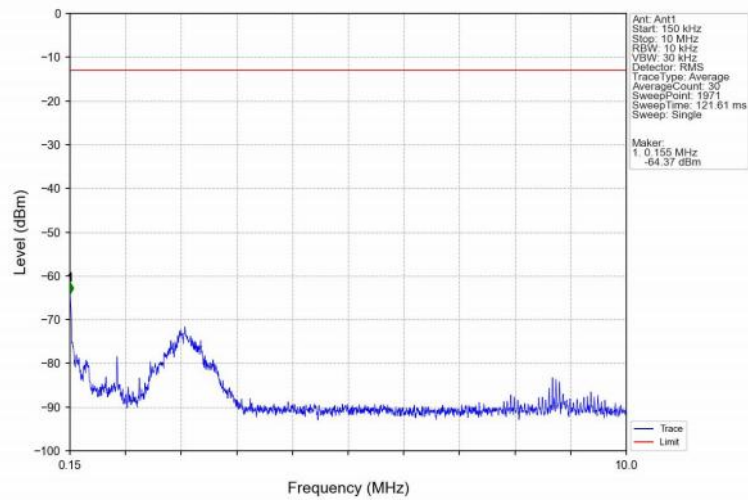


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	815.764	-46.95	-13	Pass
823	824	0.003	/	2	823.998	-39.32	-13	Pass
824	834	0.003	/	/	/	/	/	/

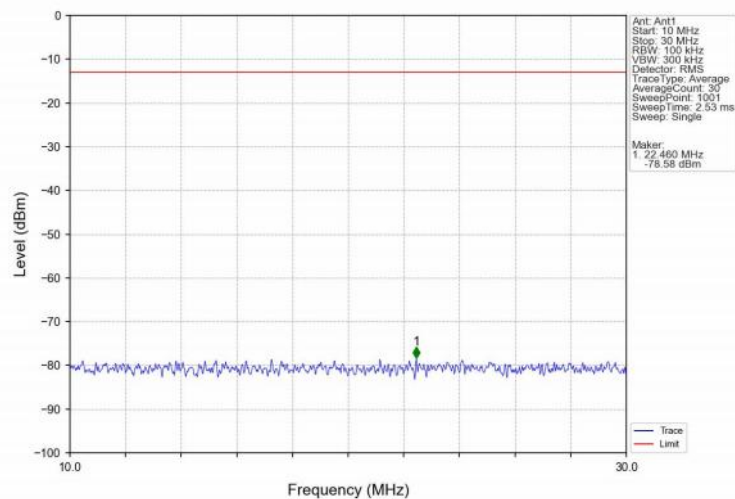
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



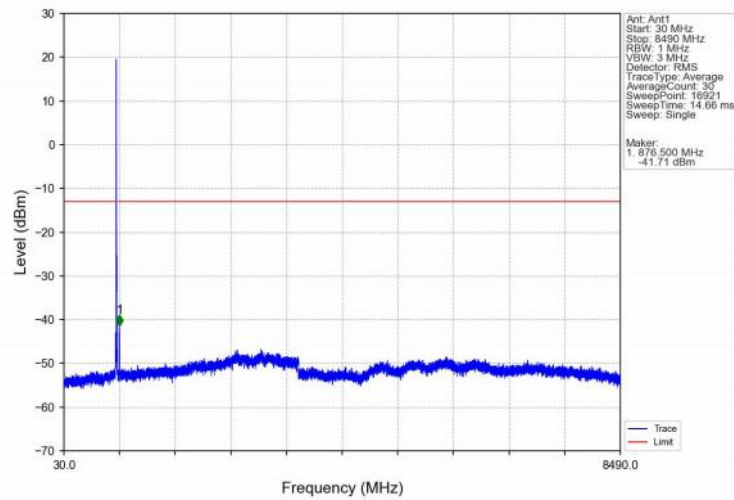
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



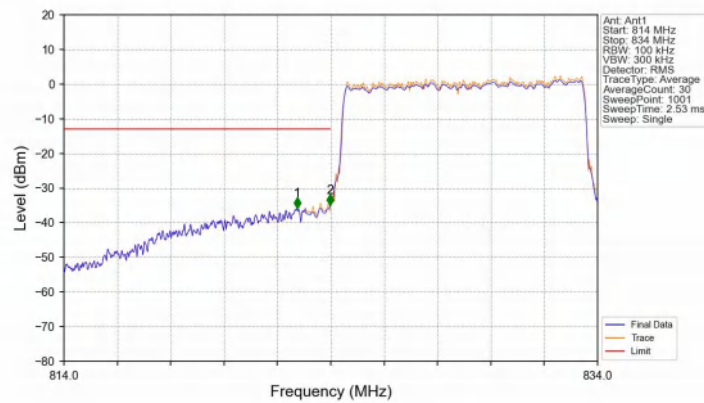
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

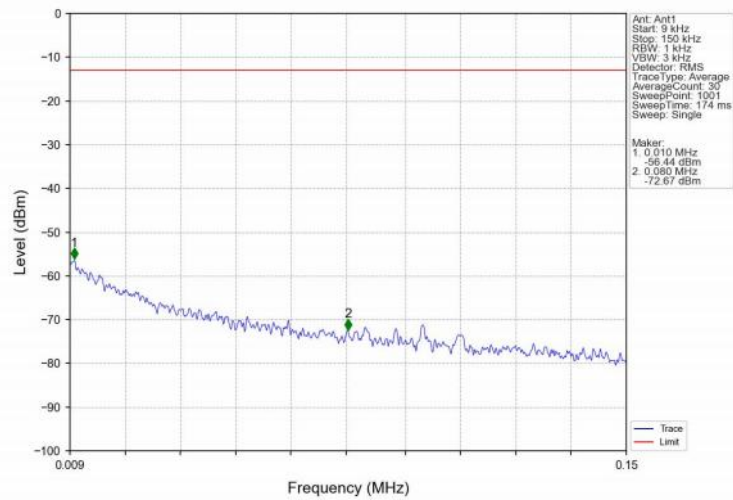


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

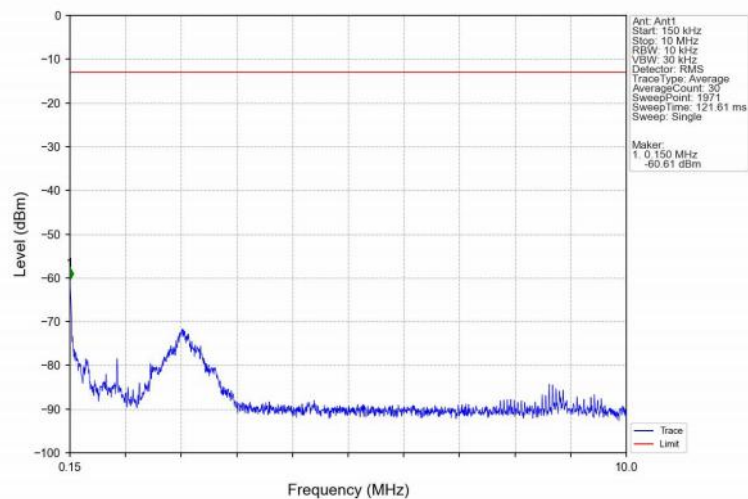


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.740	-35.85	-13	Pass
823	824	0.101	CHP	2	823.980	-34.93	-13	Pass
824	834	0.101	CHP	/	/	/	/	/

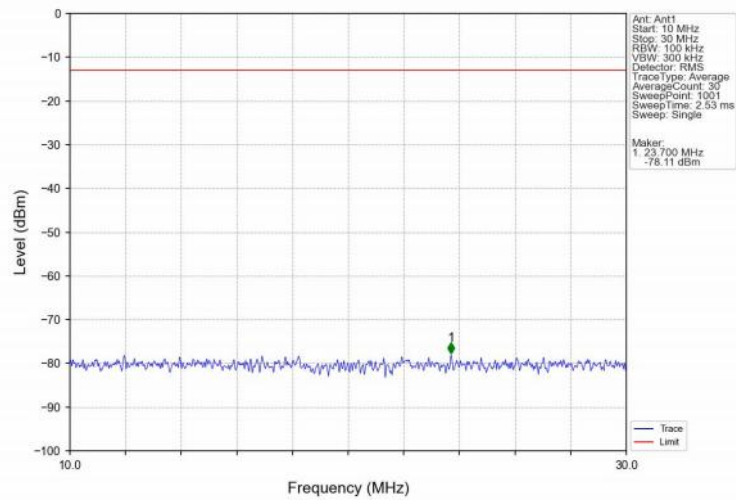
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



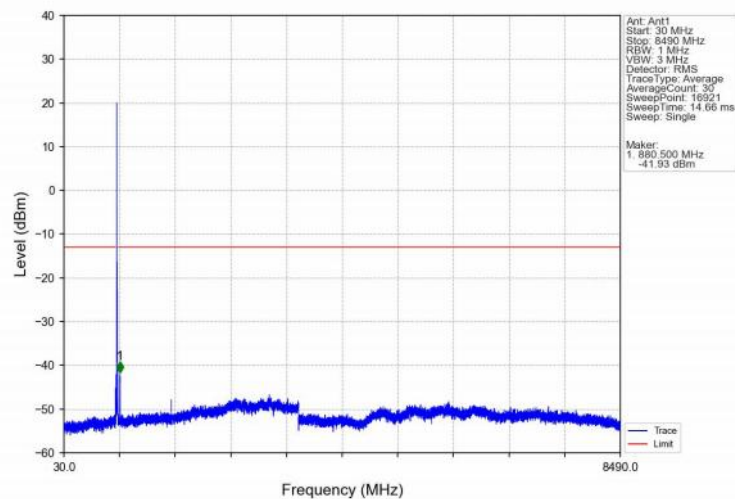
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



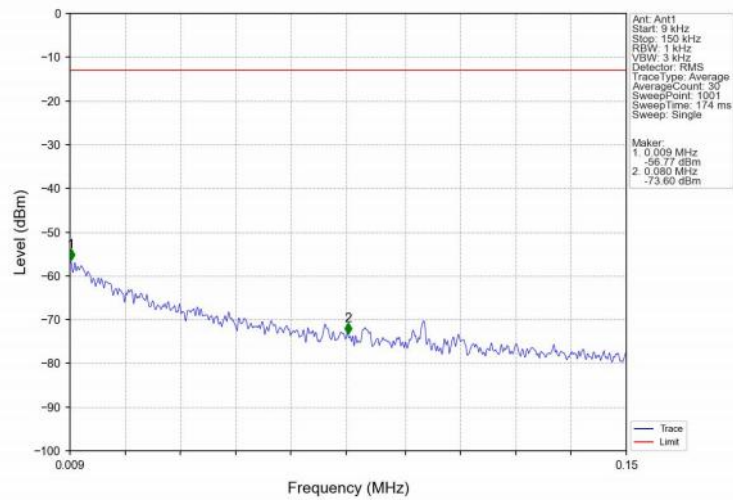
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



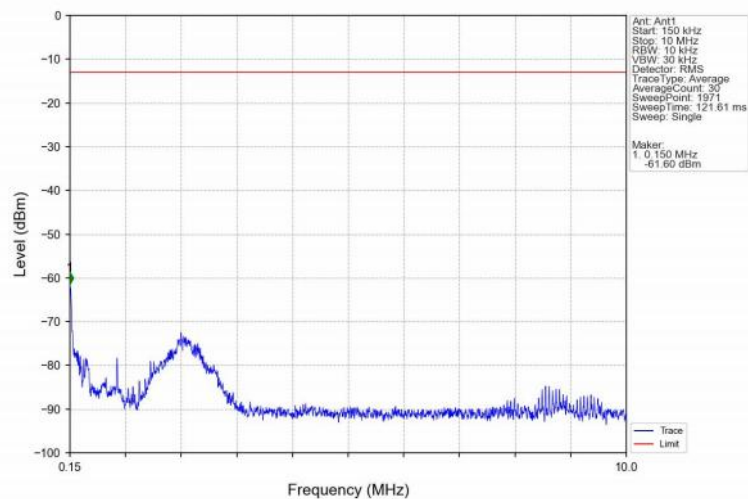
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



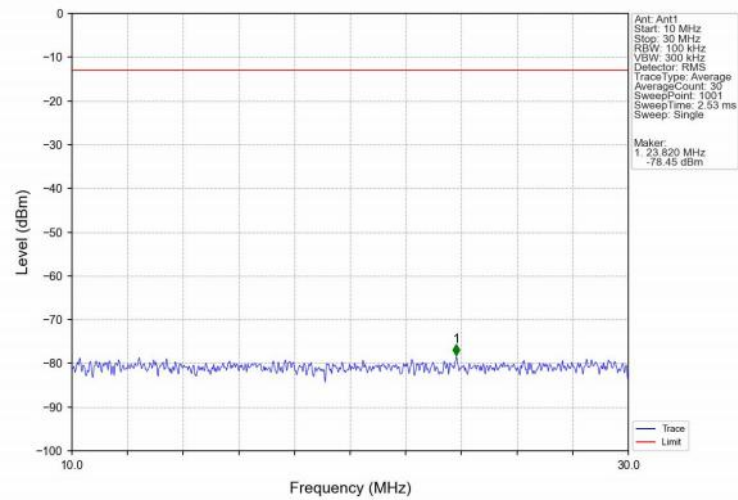
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



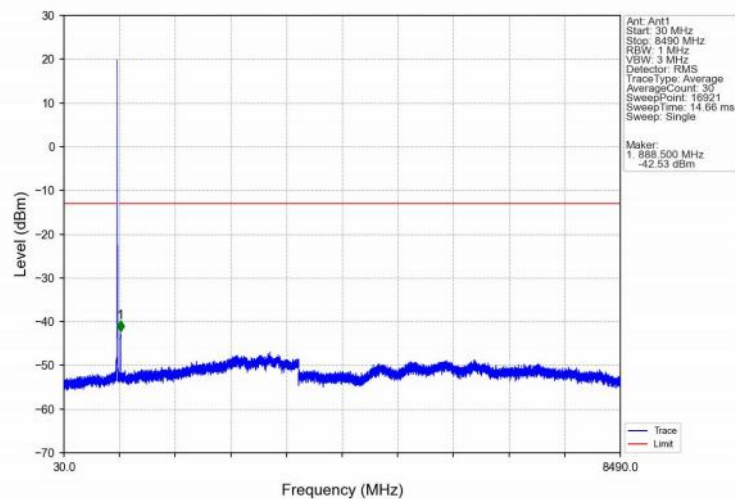
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



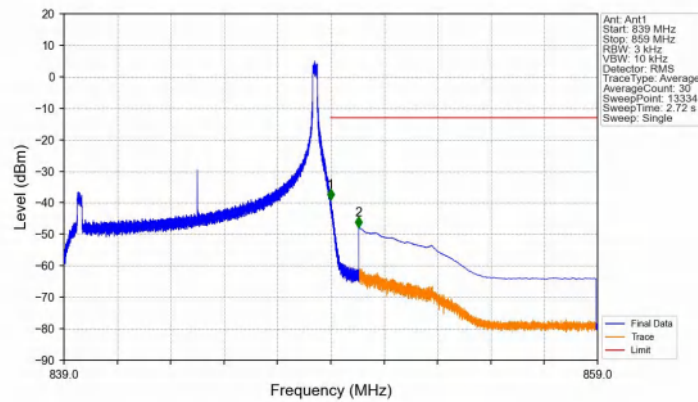
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

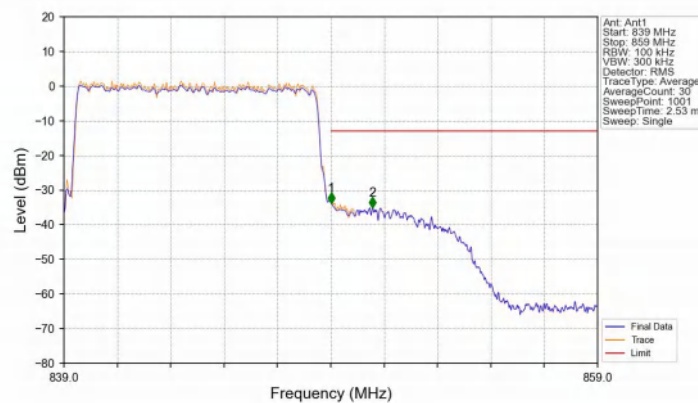


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



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	-39.11	-13	Pass
850	859	0.1	CHP	2	850.051	-47.87	-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	CHP	/	/	/	/	/
849	850	0.101	CHP	1	849.020	-33.80	-13	Pass
850	859	0.1	/	2	850.560	-35.10	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

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	0.1914	0.0579	ppm	1M12G7D	22H	22.82
5	1.4	824.7	848.3	0.1730	0.0539	ppm	1M12W7D	22H	22.38
5	3	825.5	847.5	0.1910	0.0553	ppm	2M77G7D	22H	22.81
5	3	825.5	847.5	0.1738	0.0558	ppm	2M76W7D	22H	22.40
5	5	826.5	846.5	0.1879	0.0526	ppm	4M57G7D	22H	22.74
5	5	826.5	846.5	0.1679	0.0509	ppm	4M58W7D	22H	22.25
5	10	829	844	0.1901	0.0552	ppm	9M09G7D	22H	22.79
5	10	829	844	0.1905	0.0236	ppm	9M09W7D	22H	22.80

7.1.2 Form731_ERP

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	0.0832	0.0579	ppm	1M12G7D	22H	19.20
5	1.4	824.7	848.3	0.0752	0.0539	ppm	1M12W7D	22H	18.76
5	3	825.5	847.5	0.0830	0.0553	ppm	2M77G7D	22H	19.19
5	3	825.5	847.5	0.0755	0.0558	ppm	2M76W7D	22H	18.78
5	5	826.5	846.5	0.0817	0.0526	ppm	4M57G7D	22H	19.12
5	5	826.5	846.5	0.0729	0.0509	ppm	4M58W7D	22H	18.63
5	10	829	844	0.0826	0.0552	ppm	9M09G7D	22H	19.17
5	10	829	844	0.0828	0.0236	ppm	9M09W7D	22H	19.18