1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.46	-3.2	17.11	<=38.45	Pass
			2	22.20	-3.2	16.85	<=38.45	Pass
			5	22.02	-3.2	16.67	<=38.45	Pass
		3	0	22.06	-3.2	16.71	<=38.45	Pass
			2	22.13	-3.2	16.78	<=38.45	Pass
			3	22.08	-3.2	16.73	<=38.45	Pass
		6	0	21.11	-3.2	15.76	<=38.45	Pass
	836.5	1	0	21.92	-3.2	16.57	<=38.45	Pass
			2	21.98	-3.2	16.63	<=38.45	Pass
			5	21.91	-3.2	16.56	<=38.45	Pass
		3	0	22.04	-3.2	16.69	<=38.45	Pass
			2	22.01	-3.2	16.66	<=38.45	Pass
			3	21.96	-3.2	16.61	<=38.45	Pass
		6	0	21.06	-3.2	15.71	<=38.45	Pass
	848.3	1	0	21.82	-3.2	16.47	<=38.45	Pass
			2	21.98	-3.2	16.63	<=38.45	Pass
			5	21.85	-3.2	16.5	<=38.45	Pass
		3	0	21.90	-3.2	16.55	<=38.45	Pass
			2	21.92	-3.2	16.57	<=38.45	Pass
			3	21.90	-3.2	16.55	<=38.45	Pass
		6	0	20.93	-3.2	15.58	<=38.45	Pass
16QAM	824.7	1	0	21.16	-3.2	15.81	<=38.45	Pass
			2	21.26	-3.2	15.91	<=38.45	Pass
			5	21.17	-3.2	15.82	<=38.45	Pass
		3	0	21.06	-3.2	15.71	<=38.45	Pass
			2	21.10	-3.2	15.75	<=38.45	Pass
			3	21.09	-3.2	15.74	<=38.45	Pass
		6	0	20.10	-3.2	14.75	<=38.45	Pass
	836.5	1	0	20.86	-3.2	15.51	<=38.45	Pass
			2	20.97	-3.2	15.62	<=38.45	Pass
			5	20.88	-3.2	15.53	<=38.45	Pass
		3	0	21.14	-3.2	15.79	<=38.45	Pass
			2	21.19	-3.2	15.84	<=38.45	Pass
			3	21.15	-3.2	15.8	<=38.45	Pass
		6	0	20.00	-3.2	14.65	<=38.45	Pass
	848.3	1	0	20.79	-3.2	15.44	<=38.45	Pass
			2	20.94	-3.2	15.59	<=38.45	Pass
			5	20.89	-3.2	15.54	<=38.45	Pass
		3	0	20.98	-3.2	15.63	<=38.45	Pass
			2	20.98	-3.2	15.63	<=38.45	Pass
			3	20.95	-3.2	15.6	<=38.45	Pass
		6	0	19.85	-3.2	14.5	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	22.09	-3.2	16.74	<=38.45	Pass
			7	22.24	-3.2	16.89	<=38.45	Pass
			14	22.08	-3.2	16.73	<=38.45	Pass
		8	0	21.09	-3.2	15.74	<=38.45	Pass
			4	21.15	-3.2	15.8	<=38.45	Pass
			7	21.10	-3.2	15.75	<=38.45	Pass
		15	0	21.06	-3.2	15.71	<=38.45	Pass
	836.5	1	0	21.96	-3.2	16.61	<=38.45	Pass
			7	22.09	-3.2	16.74	<=38.45	Pass
			14	21.91	-3.2	16.56	<=38.45	Pass
		8	0	21.00	-3.2	15.65	<=38.45	Pass
			4	21.05	-3.2	15.7	<=38.45	Pass
			7	20.96	-3.2	15.61	<=38.45	Pass
		15	0	20.95	-3.2	15.6	<=38.45	Pass
	847.5	1	0	21.84	-3.2	16.49	<=38.45	Pass
			7	21.97	-3.2	16.62	<=38.45	Pass
			14	21.87	-3.2	16.52	<=38.45	Pass
		8	0	20.91	-3.2	15.56	<=38.45	Pass
			4	20.95	-3.2	15.6	<=38.45	Pass
			7	20.91	-3.2	15.56	<=38.45	Pass
		15	0	20.93	-3.2	15.58	<=38.45	Pass
16QAM	825.5	1	0	21.09	-3.2	15.74	<=38.45	Pass
			7	21.26	-3.2	15.91	<=38.45	Pass
			14	21.02	-3.2	15.67	<=38.45	Pass
		8	0	20.12	-3.2	14.77	<=38.45	Pass
			4	20.17	-3.2	14.82	<=38.45	Pass
			7	20.15	-3.2	14.8	<=38.45	Pass
		15	0	20.09	-3.2	14.74	<=38.45	Pass
	836.5	1	0	21.11	-3.2	15.76	<=38.45	Pass
			7	21.24	-3.2	15.89	<=38.45	Pass
			14	21.08	-3.2	15.73	<=38.45	Pass
		8	0	19.94	-3.2	14.59	<=38.45	Pass
			4	19.98	-3.2	14.63	<=38.45	Pass
			7	19.90	-3.2	14.55	<=38.45	Pass
		15	0	19.91	-3.2	14.56	<=38.45	Pass
	847.5	1	0	21.38	-3.2	16.03	<=38.45	Pass
			7	21.50	-3.2	16.15	<=38.45	Pass
			14	21.34	-3.2	15.99	<=38.45	Pass
		8	0	20.04	-3.2	14.69	<=38.45	Pass
			4	20.08	-3.2	14.73	<=38.45	Pass
			7	20.04	-3.2	14.69	<=38.45	Pass
		15	0	19.95	-3.2	14.6	<=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	21.90	-3.2	16.55	<=38.45	Pass
			13	22.03	-3.2	16.68	<=38.45	Pass
			24	21.93	-3.2	16.58	<=38.45	Pass
		12	0	20.96	-3.2	15.61	<=38.45	Pass
			6	21.06	-3.2	15.71	<=38.45	Pass
			13	21.01	-3.2	15.66	<=38.45	Pass
		25	0	21.02	-3.2	15.67	<=38.45	Pass
	836.5	1	0	21.82	-3.2	16.47	<=38.45	Pass
			13	21.89	-3.2	16.54	<=38.45	Pass
			24	21.76	-3.2	16.41	<=38.45	Pass
		12	0	20.89	-3.2	15.54	<=38.45	Pass
			6	20.92	-3.2	15.57	<=38.45	Pass
			13	20.86	-3.2	15.51	<=38.45	Pass
		25	0	20.88	-3.2	15.53	<=38.45	Pass
	846.5	1	0	21.78	-3.2	16.43	<=38.45	Pass
			13	21.82	-3.2	16.47	<=38.45	Pass
			24	21.72	-3.2	16.37	<=38.45	Pass
		12	0	20.85	-3.2	15.5	<=38.45	Pass
			6	20.87	-3.2	15.52	<=38.45	Pass
			13	20.80	-3.2	15.45	<=38.45	Pass
		25	0	20.83	-3.2	15.48	<=38.45	Pass
16QAM	826.5	1	0	21.00	-3.2	15.65	<=38.45	Pass
			13	21.12	-3.2	15.77	<=38.45	Pass
			24	21.04	-3.2	15.69	<=38.45	Pass
		12	0	19.91	-3.2	14.56	<=38.45	Pass
			6	20.04	-3.2	14.69	<=38.45	Pass
			13	20.04	-3.2	14.69	<=38.45	Pass
		25	0	20.01	-3.2	14.66	<=38.45	Pass
	836.5	1	0	21.08	-3.2	15.73	<=38.45	Pass
			13	21.15	-3.2	15.8	<=38.45	Pass
			24	20.99	-3.2	15.64	<=38.45	Pass
		12	0	19.96	-3.2	14.61	<=38.45	Pass
			6	19.96	-3.2	14.61	<=38.45	Pass
			13	19.94	-3.2	14.59	<=38.45	Pass
		25	0	19.88	-3.2	14.53	<=38.45	Pass
	846.5	1	0	20.63	-3.2	15.28	<=38.45	Pass
			13	20.68	-3.2	15.33	<=38.45	Pass
			24	20.61	-3.2	15.26	<=38.45	Pass
		12	0	19.87	-3.2	14.52	<=38.45	Pass
			6	19.90	-3.2	14.55	<=38.45	Pass
			13	19.83	-3.2	14.48	<=38.45	Pass
		25	0	19.84	-3.2	14.49	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.03	-3.2	16.68	<=38.45	Pass
			25	22.24	-3.2	16.89	<=38.45	Pass
			49	21.96	-3.2	16.61	<=38.45	Pass
		25	0	21.07	-3.2	15.72	<=38.45	Pass
			13	21.04	-3.2	15.69	<=38.45	Pass
			25	21.06	-3.2	15.71	<=38.45	Pass
		50	0	21.06	-3.2	15.71	<=38.45	Pass
	836.5	1	0	21.91	-3.2	16.56	<=38.45	Pass
			25	22.01	-3.2	16.66	<=38.45	Pass
			49	21.83	-3.2	16.48	<=38.45	Pass
		25	0	21.00	-3.2	15.65	<=38.45	Pass
			13	20.95	-3.2	15.6	<=38.45	Pass
			25	20.94	-3.2	15.59	<=38.45	Pass
		50	0	20.98	-3.2	15.63	<=38.45	Pass
	844	1	0	21.85	-3.2	16.5	<=38.45	Pass
			25	21.94	-3.2	16.59	<=38.45	Pass
			49	21.82	-3.2	16.47	<=38.45	Pass
		25	0	20.97	-3.2	15.62	<=38.45	Pass
			13	20.95	-3.2	15.6	<=38.45	Pass
			25	20.90	-3.2	15.55	<=38.45	Pass
		50	0	20.94	-3.2	15.59	<=38.45	Pass
16QAM	829	1	0	21.01	-3.2	15.66	<=38.45	Pass
			25	21.22	-3.2	15.87	<=38.45	Pass
			49	20.95	-3.2	15.6	<=38.45	Pass
		25	0	20.13	-3.2	14.78	<=38.45	Pass
			13	20.10	-3.2	14.75	<=38.45	Pass
			25	20.12	-3.2	14.77	<=38.45	Pass
		50	0	20.04	-3.2	14.69	<=38.45	Pass
	836.5	1	0	21.08	-3.2	15.73	<=38.45	Pass
			25	21.15	-3.2	15.8	<=38.45	Pass
			49	21.01	-3.2	15.66	<=38.45	Pass
		25	0	20.00	-3.2	14.65	<=38.45	Pass
			13	19.95	-3.2	14.6	<=38.45	Pass
			25	19.96	-3.2	14.61	<=38.45	Pass
		50	0	19.96	-3.2	14.61	<=38.45	Pass
	844	1	0	21.36	-3.2	16.01	<=38.45	Pass
			25	21.51	-3.2	16.16	<=38.45	Pass
			49	21.31	-3.2	15.96	<=38.45	Pass
		25	0	20.01	-3.2	14.66	<=38.45	Pass
			13	19.95	-3.2	14.6	<=38.45	Pass
			25	19.94	-3.2	14.59	<=38.45	Pass
		50	0	19.94	-3.2	14.59	<=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	-9.727	-0.0118	-2.5 to 2.5	Pass
					3.85	-11.873	-0.0144	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-8.984	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-6.151	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-6.967	-0.0084	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-3.877	-0.0046	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0067	-2.5 to 2.5	Pass
					4.43	-9.398	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-8.125	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-8.512	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-9.470	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-6.595	-0.0079	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	1.202	0.0014	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0074	-2.5 to 2.5	Pass
					4.43	-7.653	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-2.360	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.751	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-6.366	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-6.795	-0.0080	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.516	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-6.981	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.778	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-6.638	-0.0080	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-5.908	-0.0071	-2.5 to 2.5	Pass
					3.85	-9.899	-0.0118	-2.5 to 2.5	Pass

					4.43	-6.437	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-5.550	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-9.270	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-7.010	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-10.657	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-4.535	-0.0054	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-7.939	-0.0094	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0111	-2.5 to 2.5	Pass
					4.43	-4.649	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-3.891	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-9.441	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-7.868	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-6.666	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-8.183	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-6.838	-0.0081	-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	-9.828	-0.0119	-2.5 to 2.5	Pass
					3.85	-7.453	-0.0090	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-7.296	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-8.783	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-8.683	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-7.296	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-5.236	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.975	-0.0036	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0030	-2.5 to 2.5	Pass
					4.43	-4.478	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-7.954	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-6.180	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-5.579	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-9.971	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.588	-0.0019	-2.5 to 2.5	Pass
					3.85	-8.240	-0.0097	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-9.513	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0033	-2.5 to 2.5	Pass

				-10	3.85	-7.181	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-11.244	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-8.941	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-8.554	-0.0101	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-5.722	-0.0069	-2.5 to 2.5	Pass
					3.85	-7.296	-0.0088	-2.5 to 2.5	Pass
					4.43	-7.653	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-7.954	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-5.207	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-6.523	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-7.281	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-10.586	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-4.020	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-7.381	-0.0089	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-6.466	-0.0077	-2.5 to 2.5	Pass
					3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
					4.43	-2.203	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-6.809	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-5.264	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-8.483	-0.0101	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-9.570	-0.0113	-2.5 to 2.5	Pass
					3.85	-7.467	-0.0088	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-4.935	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-10.929	-0.0129	-2.5 to 2.5	Pass
				0	3.85	-3.176	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-9.770	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-9.770	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-9.270	-0.0109	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0044	-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	-12.774	-0.0155	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0084	-2.5 to 2.5	Pass
					4.43	-7.868	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-6.466	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-11.787	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-3.920	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-7.281	-0.0088	-2.5 to 2.5	Pass

				30	3.85	-9.441	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-9.027	-0.0109	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-8.311	-0.0099	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0056	-2.5 to 2.5	Pass
					4.43	-7.081	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-8.969	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-4.964	-0.0059	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-7.653	-0.0090	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
					4.43	-5.121	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-6.952	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-9.298	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-3.662	-0.0043	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-9.828	-0.0119	-2.5 to 2.5	Pass
					3.85	-11.101	-0.0134	-2.5 to 2.5	Pass
					4.43	-5.751	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-6.580	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-6.981	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-6.967	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-8.569	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-7.968	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-7.939	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-11.930	-0.0144	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-3.362	-0.0040	-2.5 to 2.5	Pass
					3.85	-7.925	-0.0095	-2.5 to 2.5	Pass
					4.43	-6.952	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-8.554	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-10.157	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-7.582	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-5.865	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-7.052	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-9.127	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-5.021	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-5.250	-0.0063	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-10.872	-0.0128	-2.5 to 2.5	Pass
					3.85	-8.383	-0.0099	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-1.888	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-8.054	-0.0095	-2.5 to 2.5	Pass

				50	3.85	-8.068	-0.0095	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-5.693	-0.0069	-2.5 to 2.5	Pass
					3.85	-6.237	-0.0075	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-7.911	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-9.170	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-9.971	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-3.476	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-7.010	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-6.666	-0.0080	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-4.392	-0.0053	-2.5 to 2.5	Pass
					3.85	-8.783	-0.0105	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-5.965	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-4.678	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-2.460	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-3.376	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.593	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-8.368	-0.0100	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.725	-0.0092	-2.5 to 2.5	Pass
					3.85	-8.783	-0.0104	-2.5 to 2.5	Pass
					4.43	-9.112	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-8.383	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-8.698	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-9.012	-0.0107	-2.5 to 2.5	Pass
				30	3.85	-6.409	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-6.895	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-7.467	-0.0088	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-5.193	-0.0063	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0085	-2.5 to 2.5	Pass
					4.43	-8.812	-0.0106	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.409	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-11.029	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-6.480	-0.0078	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-4.463	-0.0053	-2.5 to 2.5	Pass
					3.85	0.458	0.0005	-2.5 to 2.5	Pass

					4.43	-8.912	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-8.211	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-5.379	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-7.782	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-6.480	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-3.848	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
					4.43	-8.841	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-6.123	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-8.397	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-7.567	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-7.610	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-9.470	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-6.509	-0.0077	-2.5 to 2.5	Pass

3. Modulation Characteristics

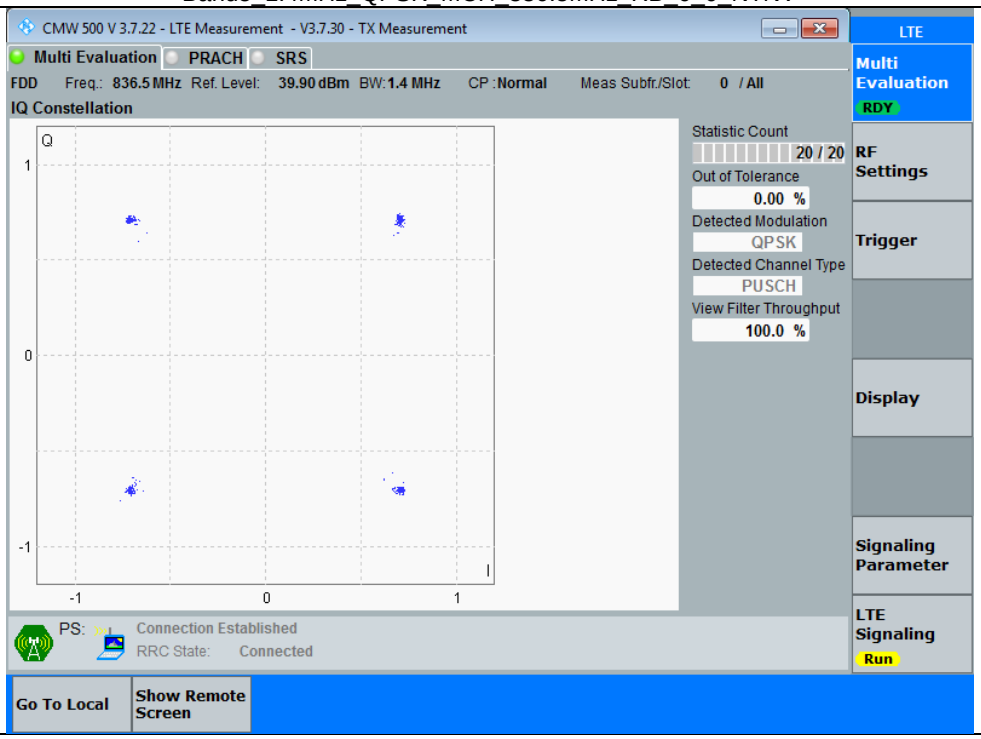
3.1 B5_1.4MHz

3.1.1 Test Result

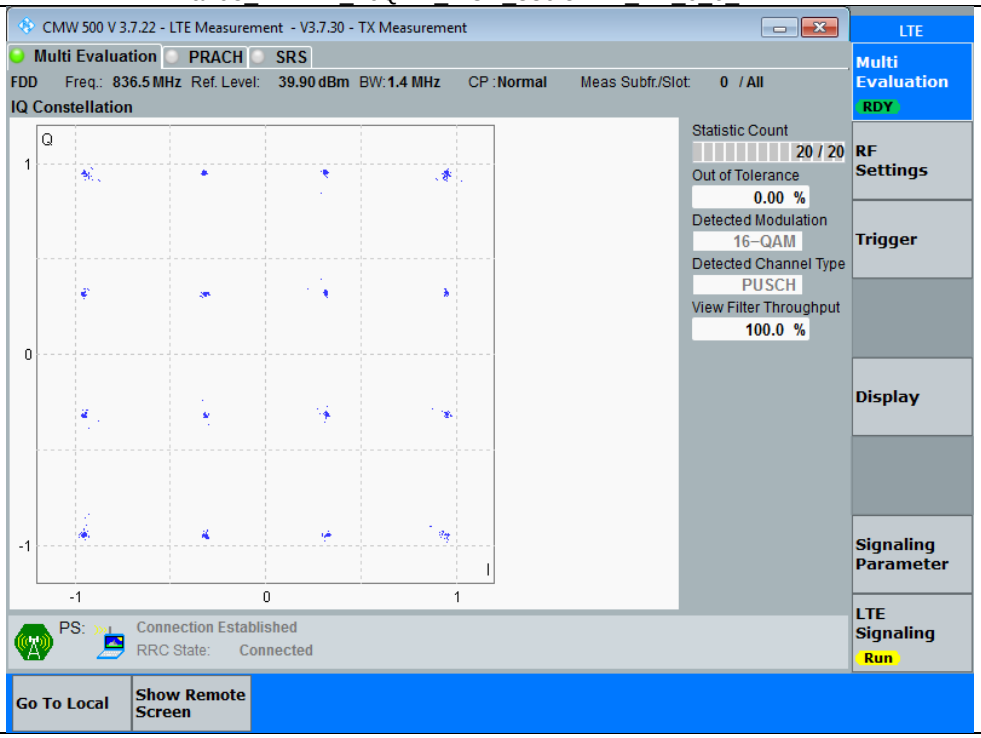
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

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



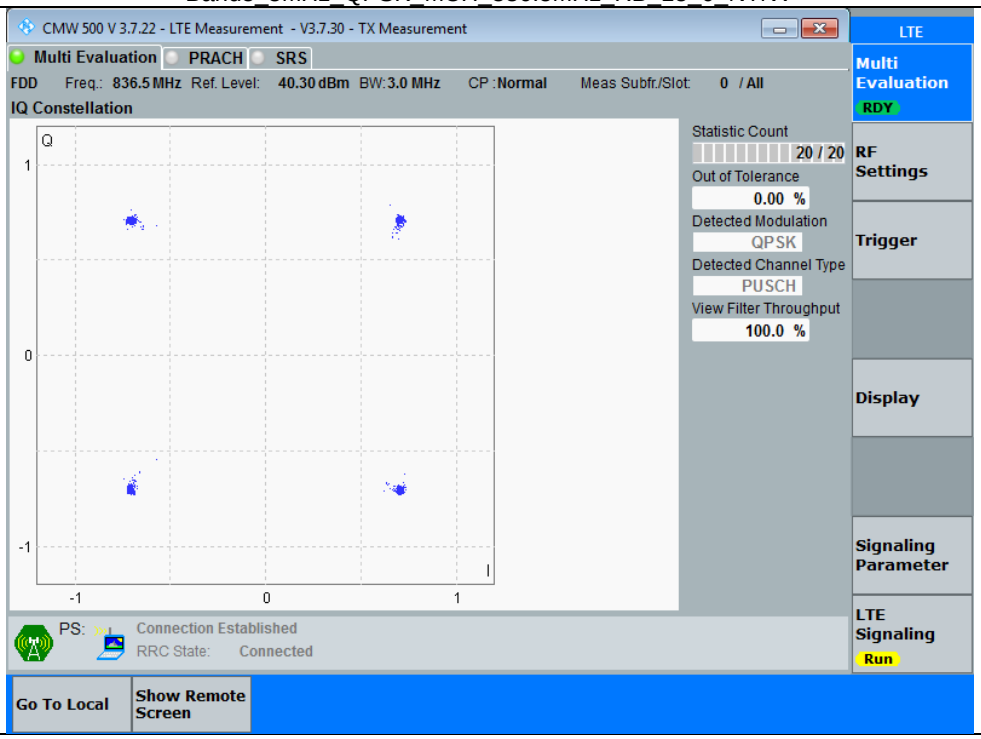
3.2 B5_3MHz

3.2.1 Test Result

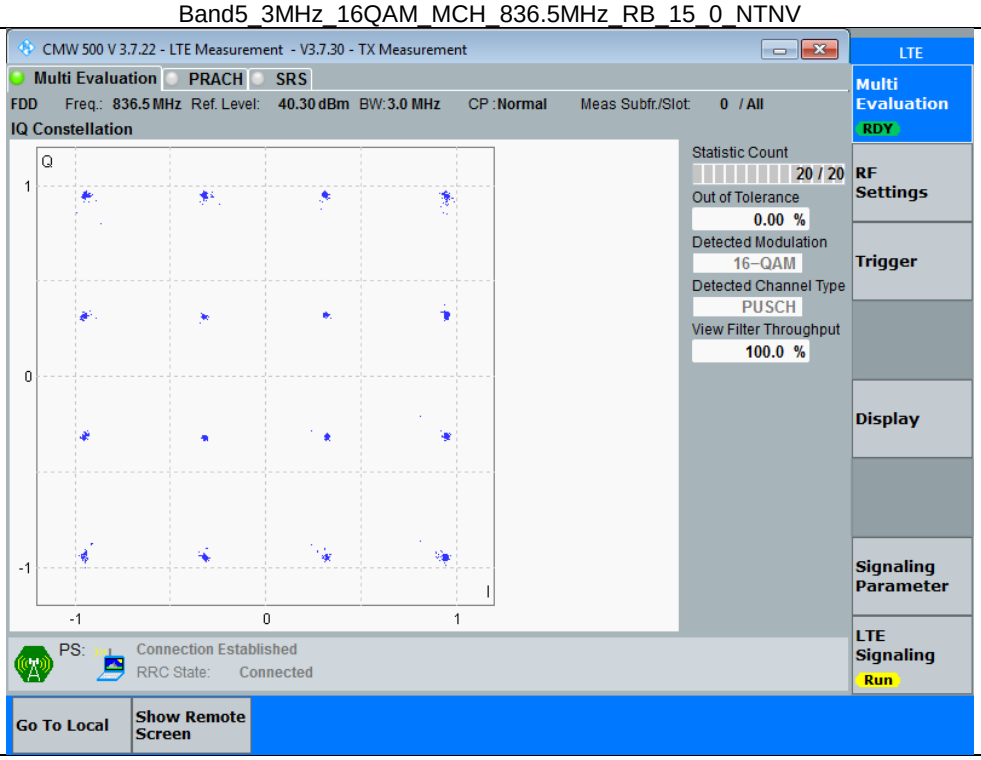
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

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



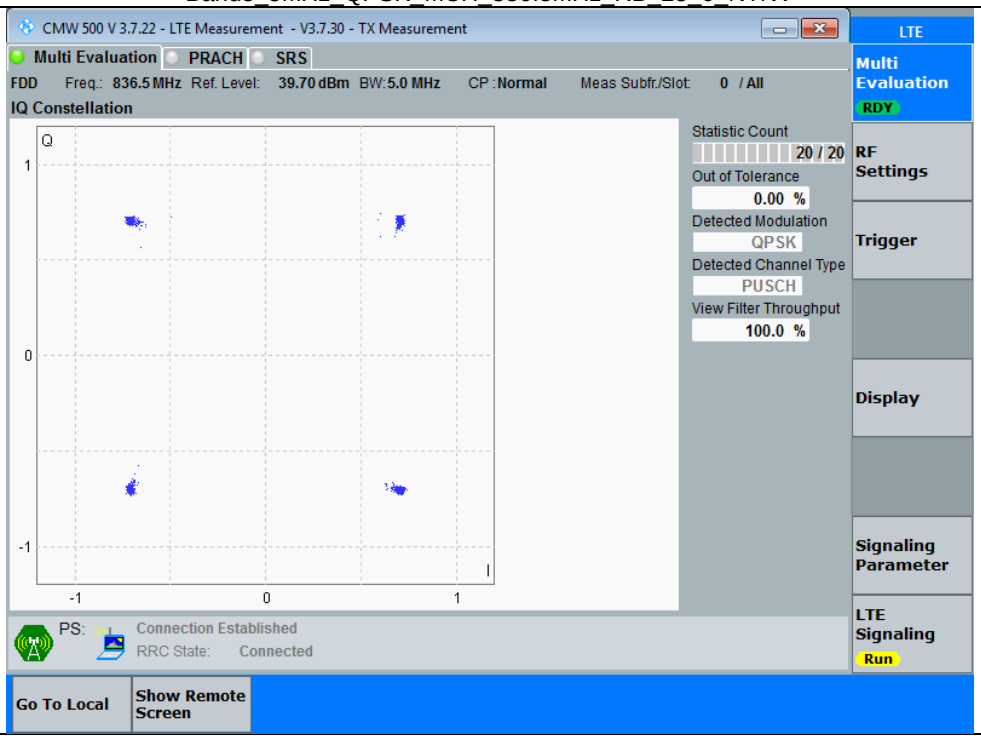
3.3 B5_5MHz

3.3.1 Test Result

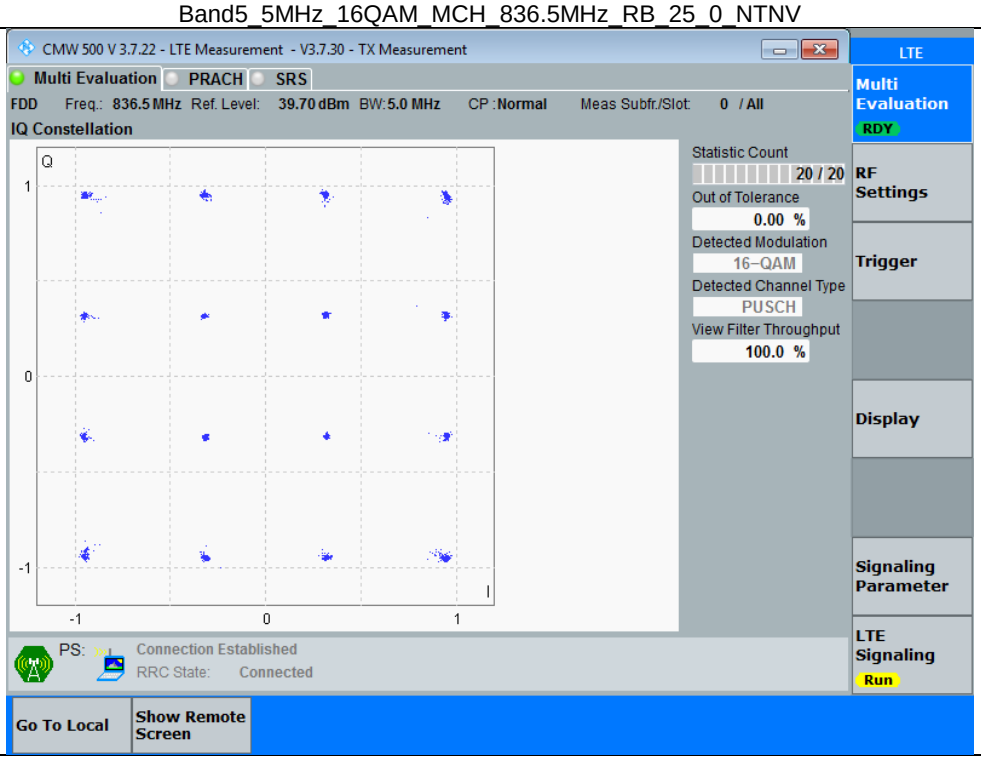
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

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



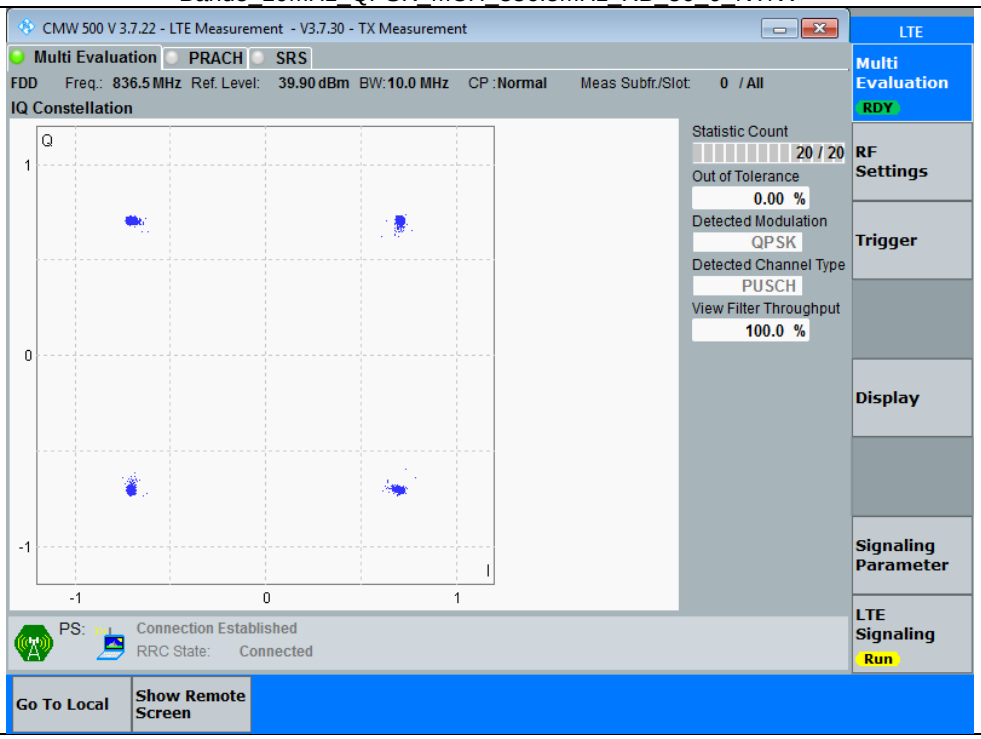
3.4 B5_10MHz

3.4.1 Test Result

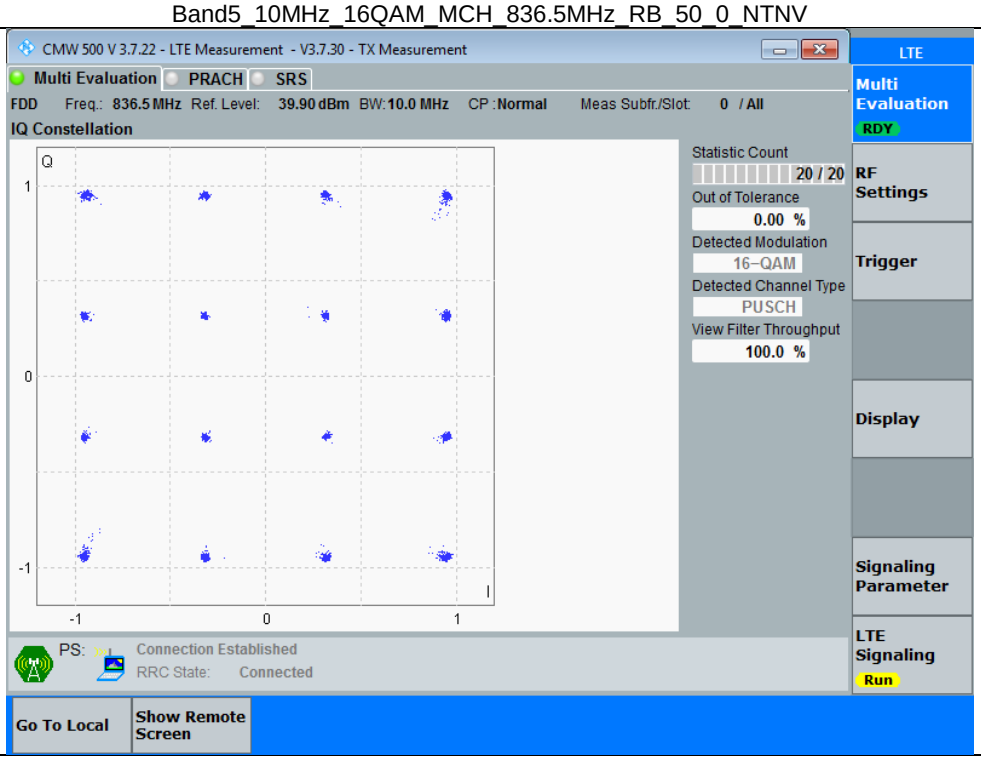
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

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

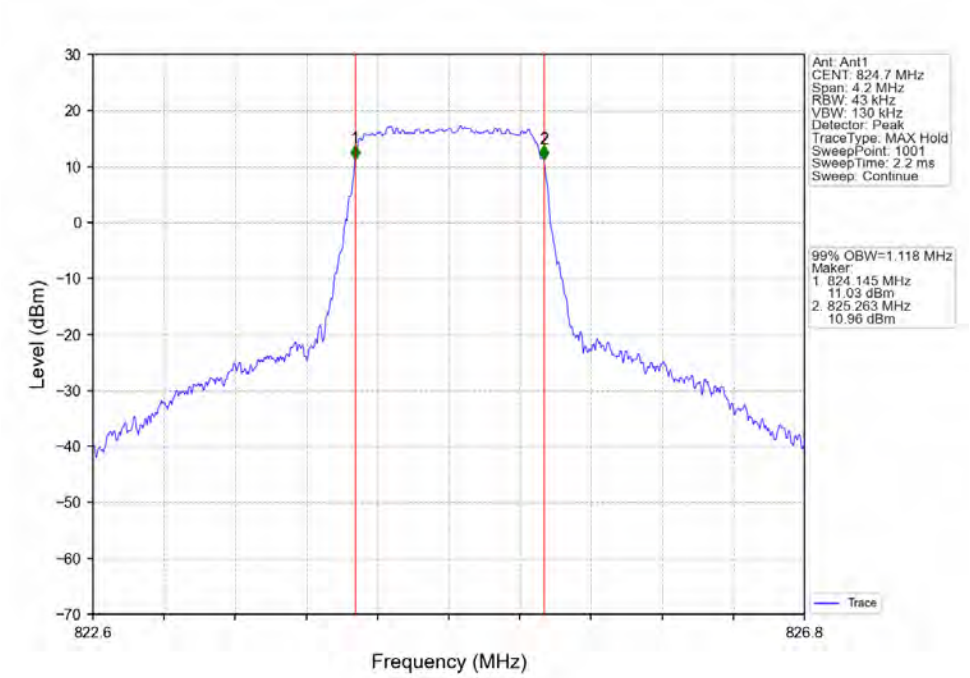
4.1 Band5_OBW

4.1.1 Test Result

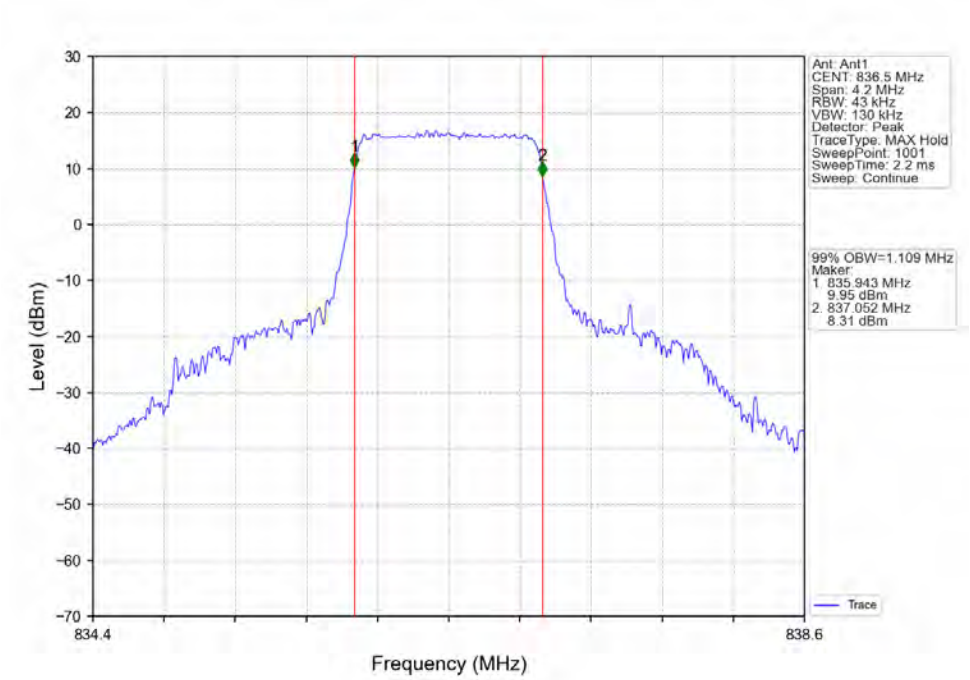
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.118	Pass
		836.5	6	0	1.109	Pass
		848.3	6	0	1.114	Pass
	16QAM	824.7	6	0	1.109	Pass
		836.5	6	0	1.118	Pass
		848.3	6	0	1.111	Pass
3	QPSK	825.5	15	0	2.731	Pass
		836.5	15	0	2.727	Pass
		847.5	15	0	2.725	Pass
	16QAM	825.5	15	0	2.715	Pass
		836.5	15	0	2.719	Pass
		847.5	15	0	2.728	Pass
5	QPSK	826.5	25	0	4.562	Pass
		836.5	25	0	4.573	Pass
		846.5	25	0	4.570	Pass
	16QAM	826.5	25	0	4.583	Pass
		836.5	25	0	4.574	Pass
		846.5	25	0	4.597	Pass
10	QPSK	829	50	0	9.059	Pass
		836.5	50	0	9.080	Pass
		844	50	0	9.100	Pass
	16QAM	829	50	0	9.068	Pass
		836.5	50	0	9.082	Pass
		844	50	0	9.085	Pass

4.1.2 Test Graph

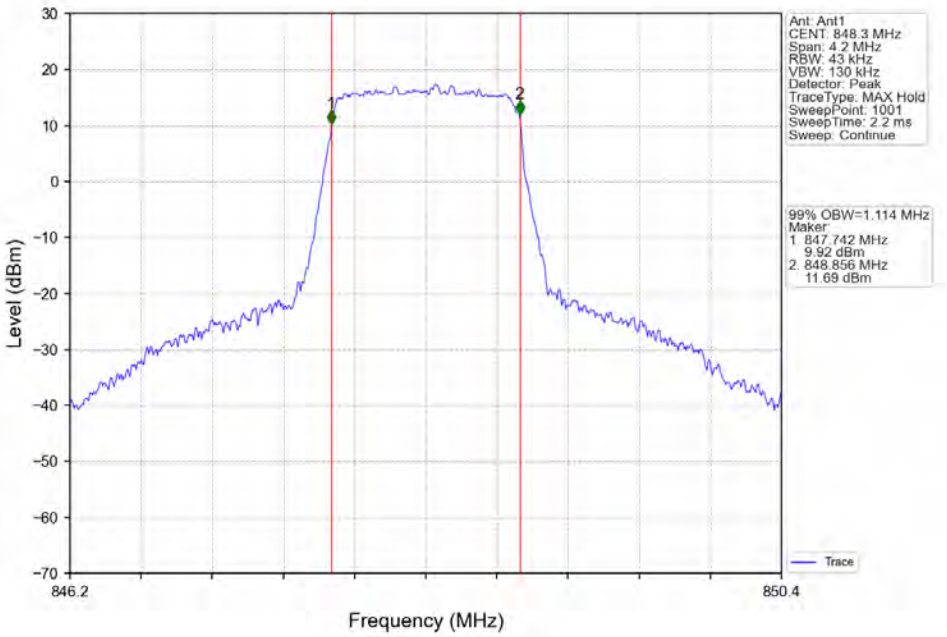
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



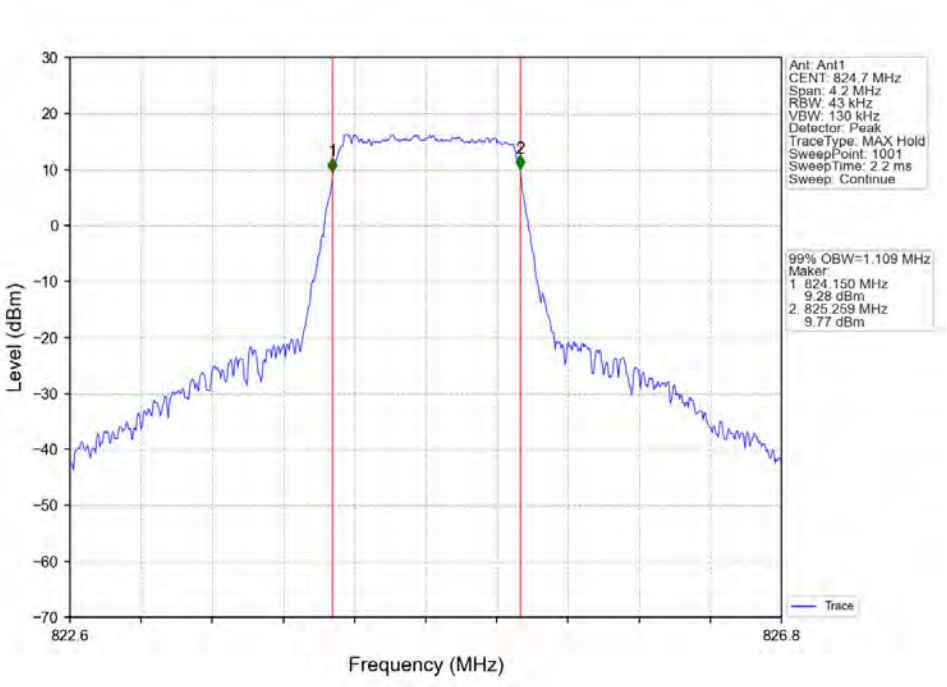
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



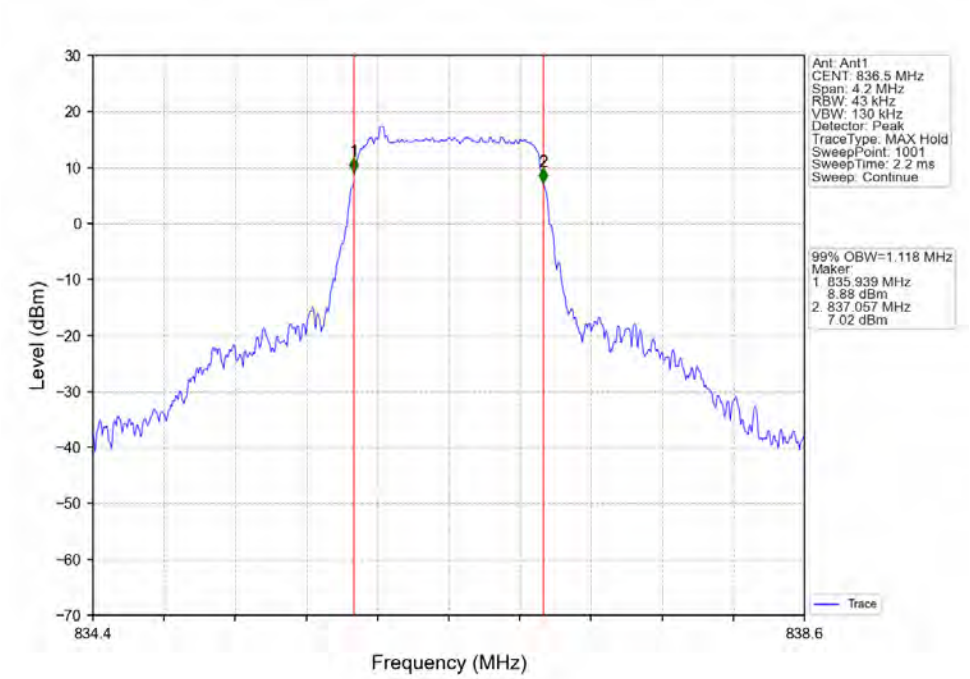
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



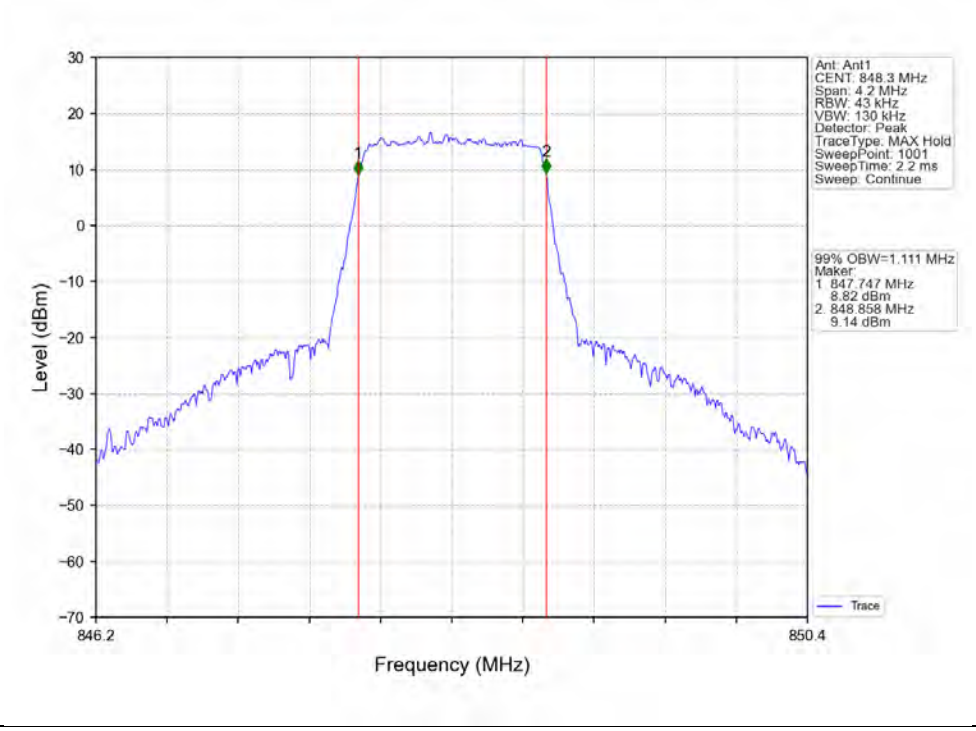
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



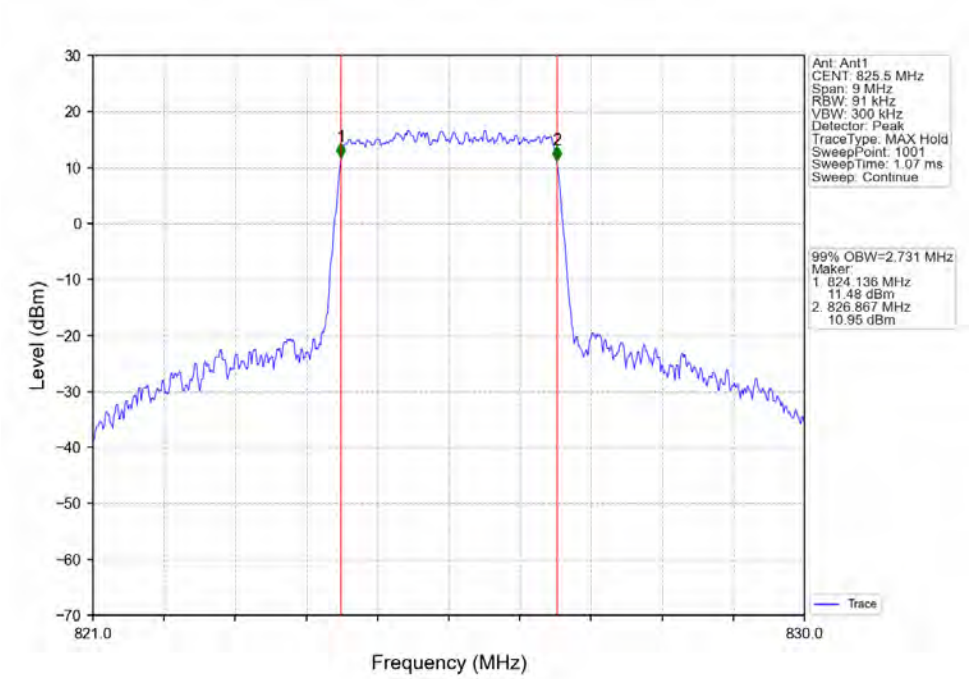
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



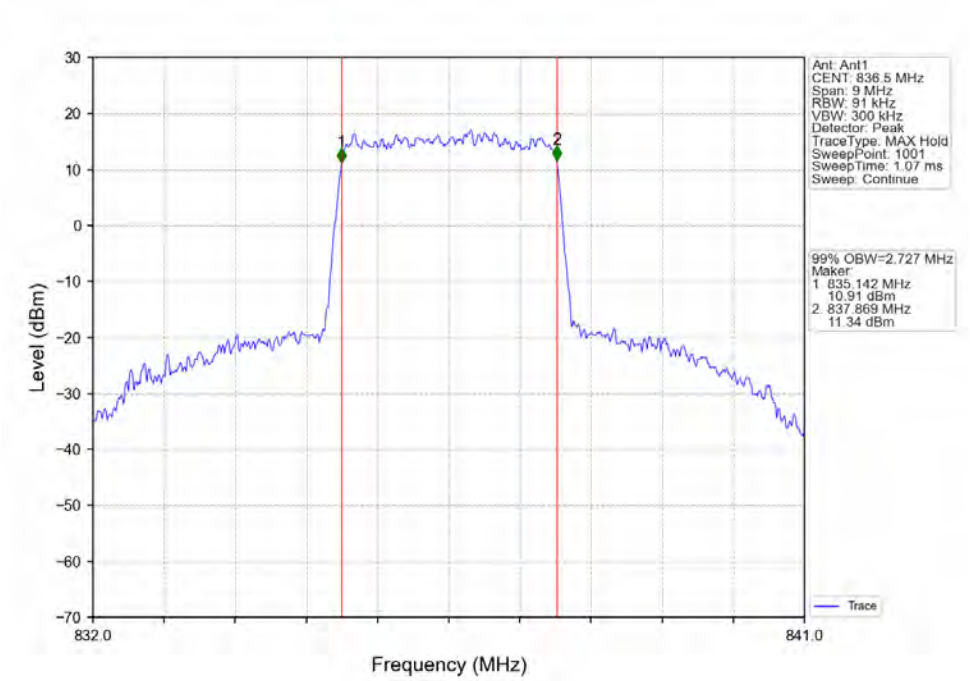
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



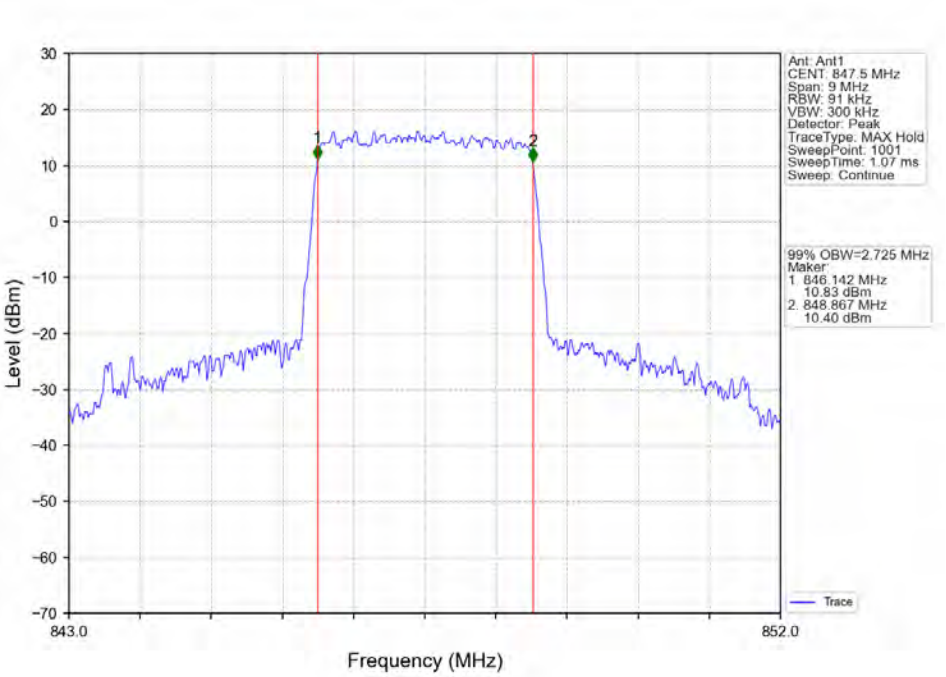
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



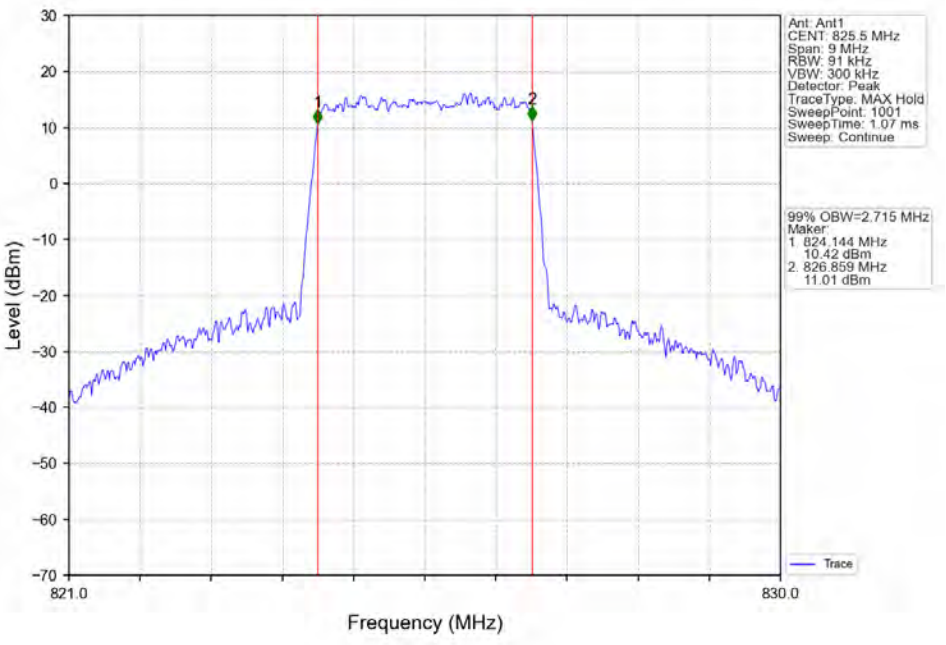
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



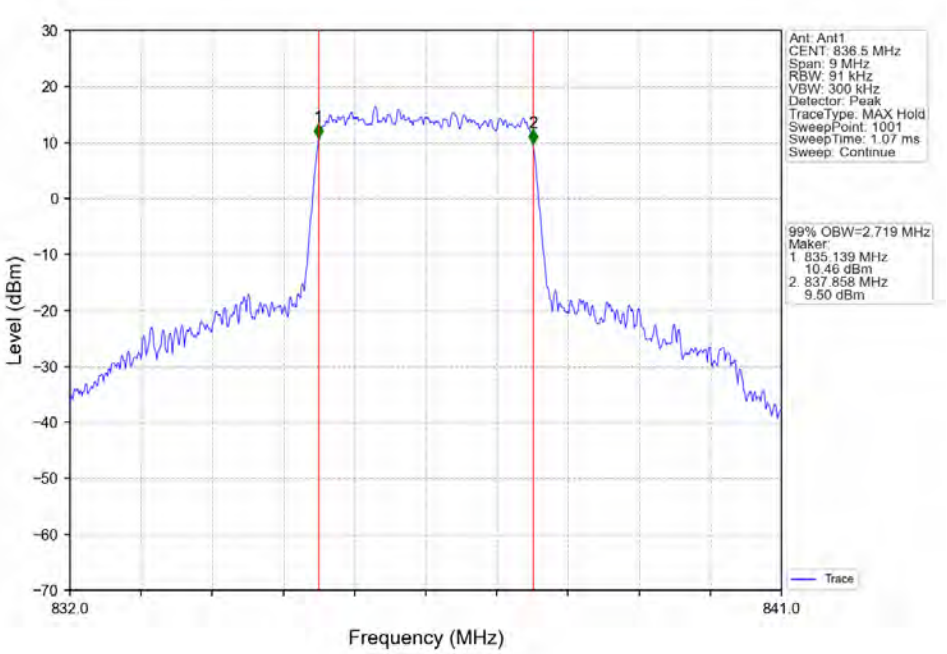
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



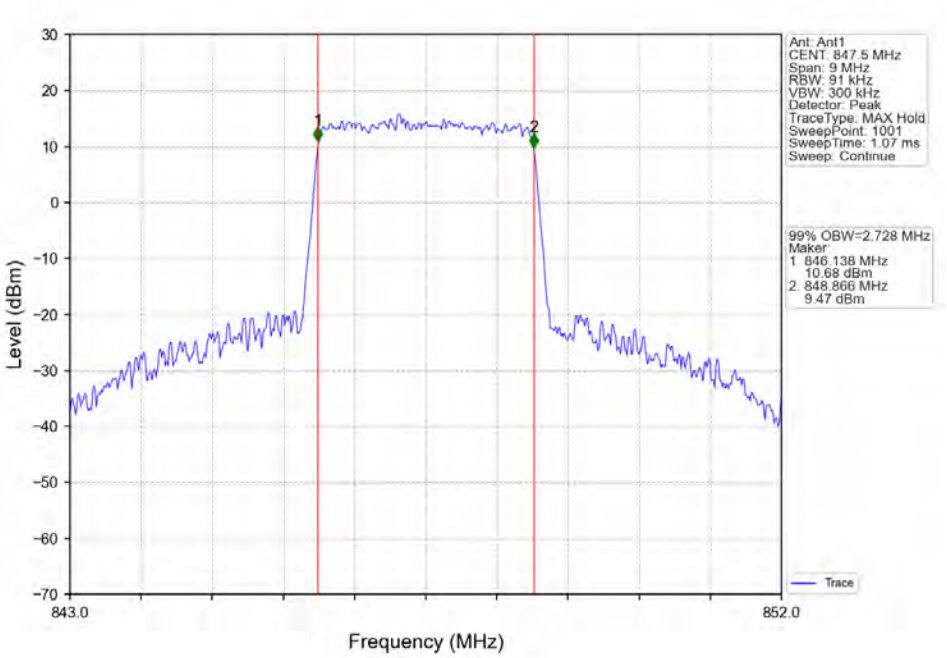
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



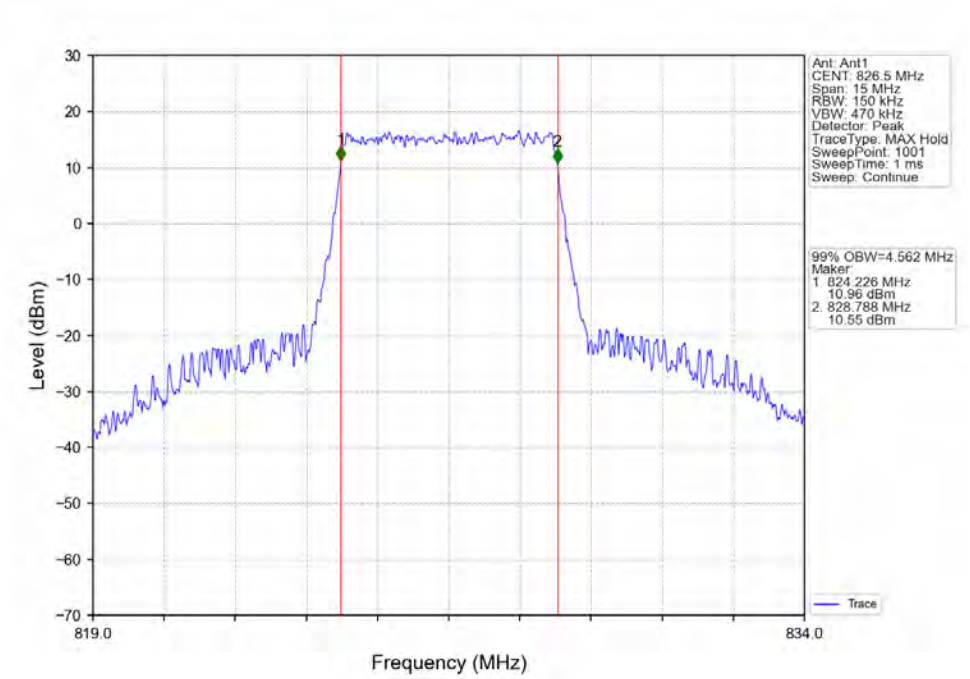
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



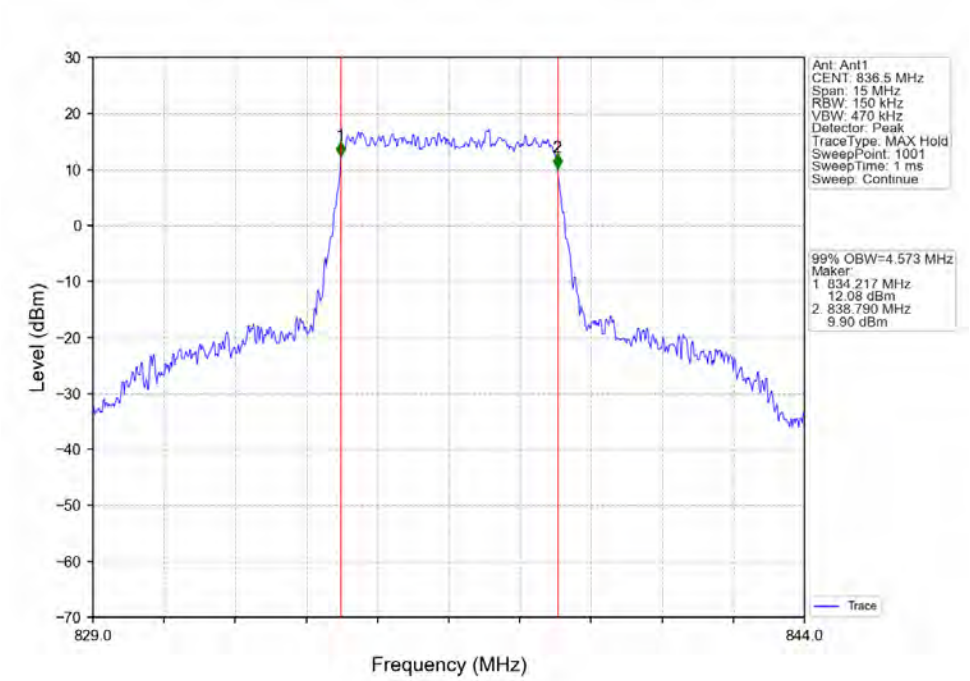
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



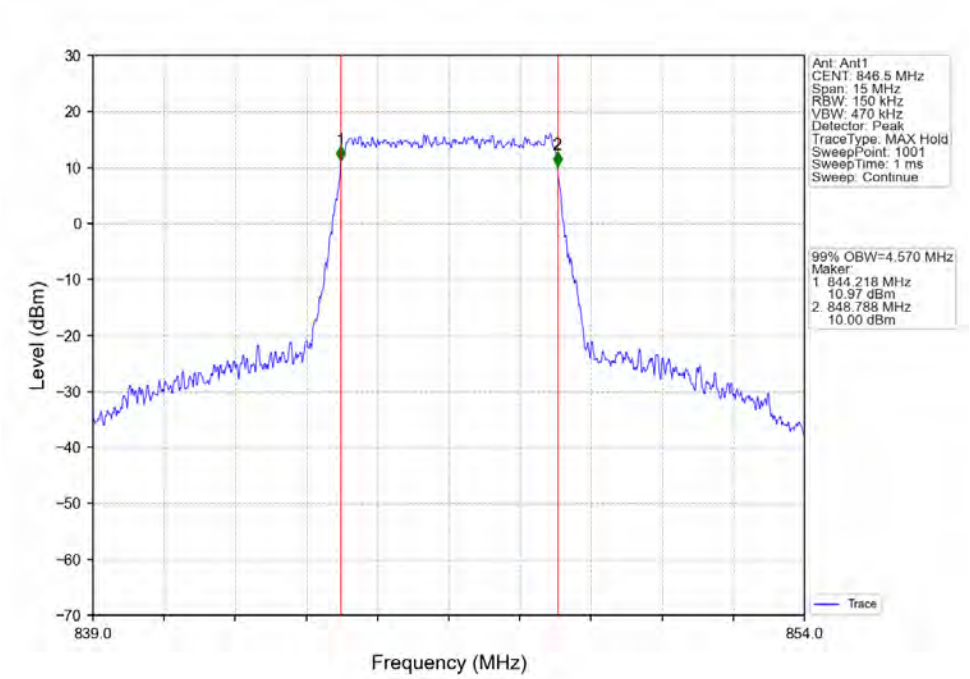
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



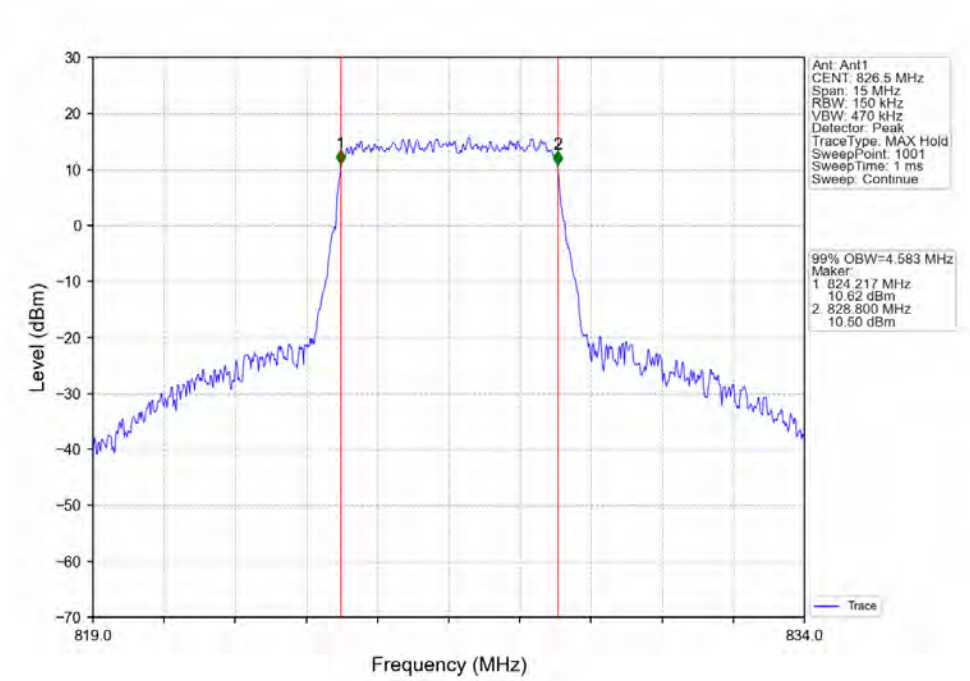
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



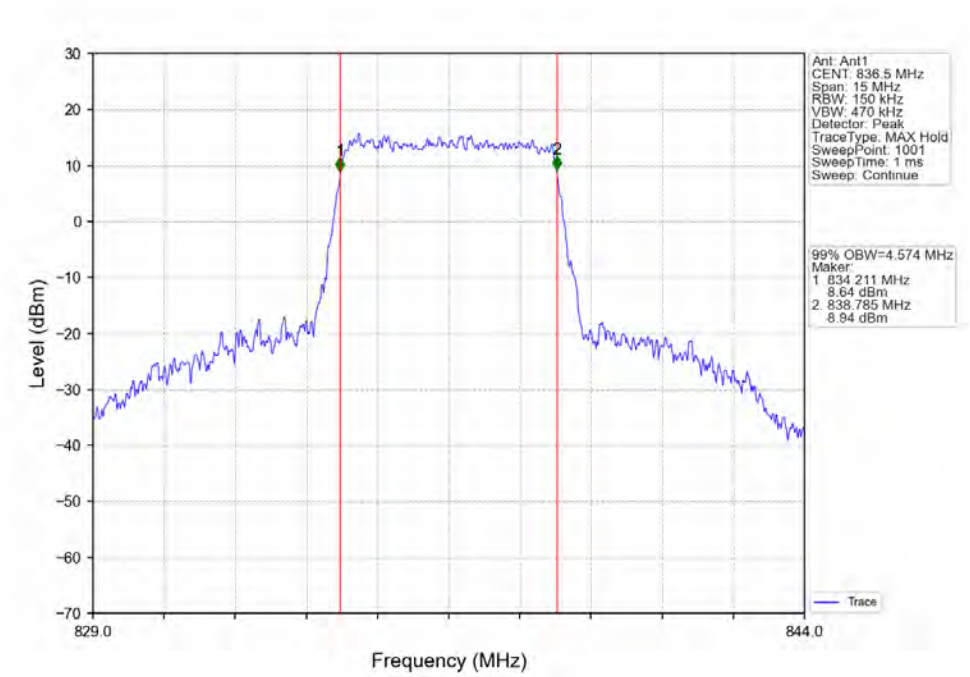
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



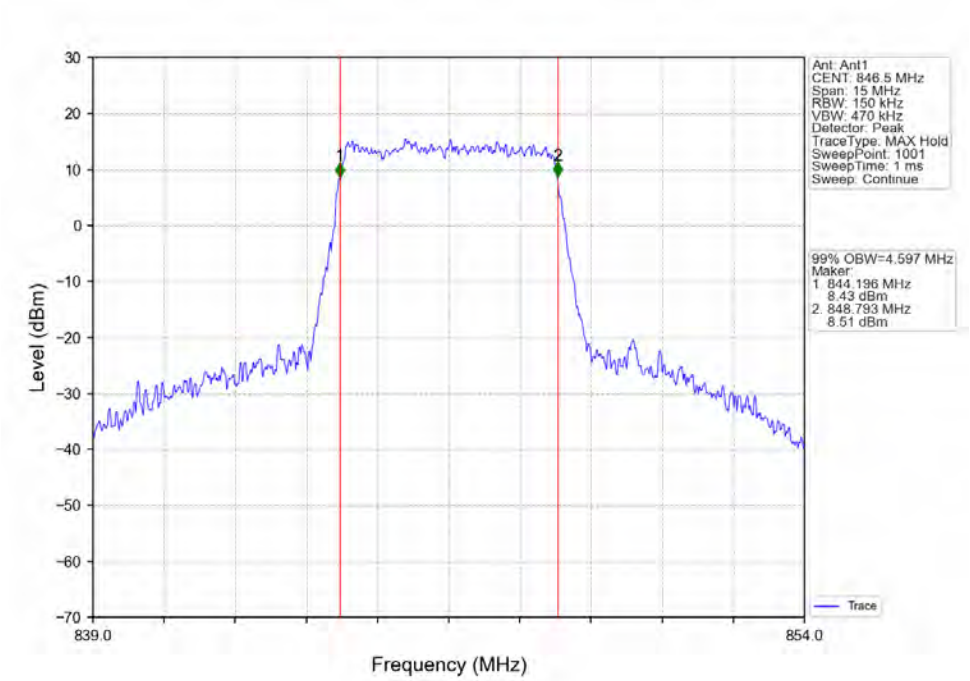
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



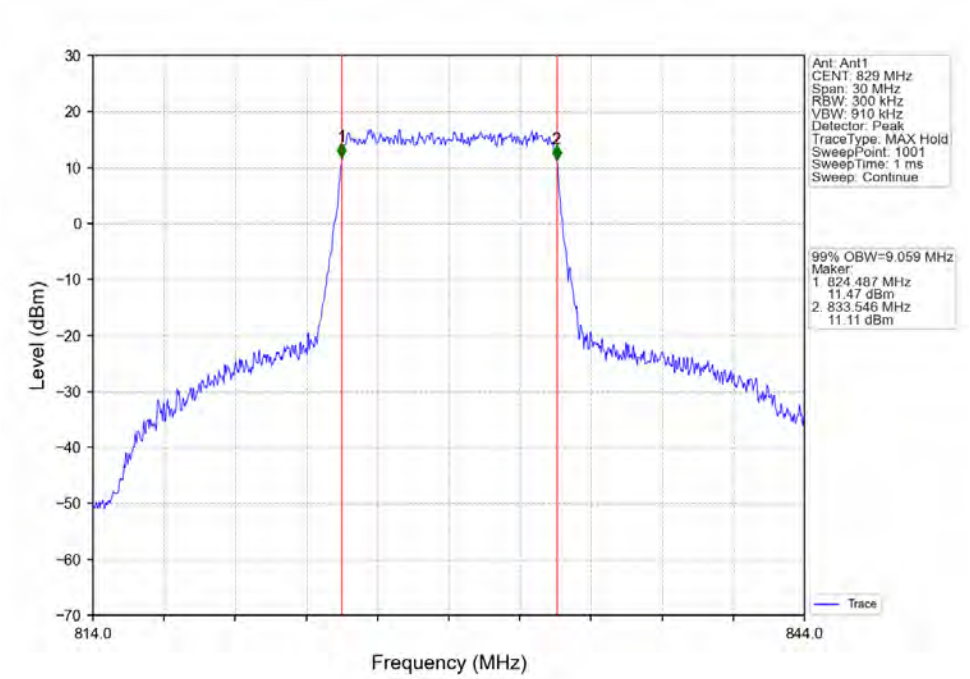
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



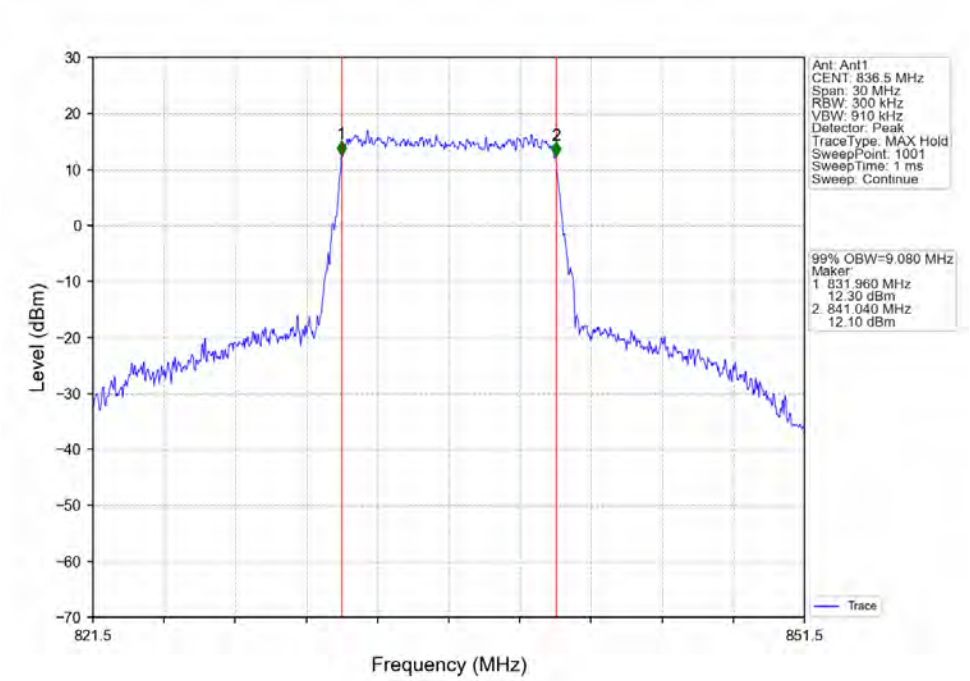
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



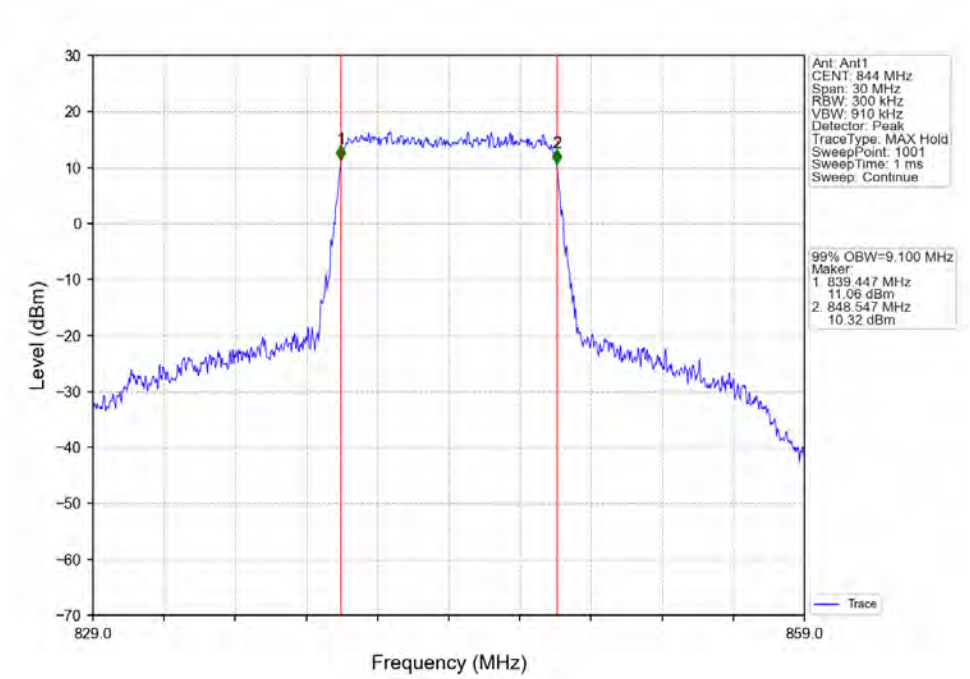
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



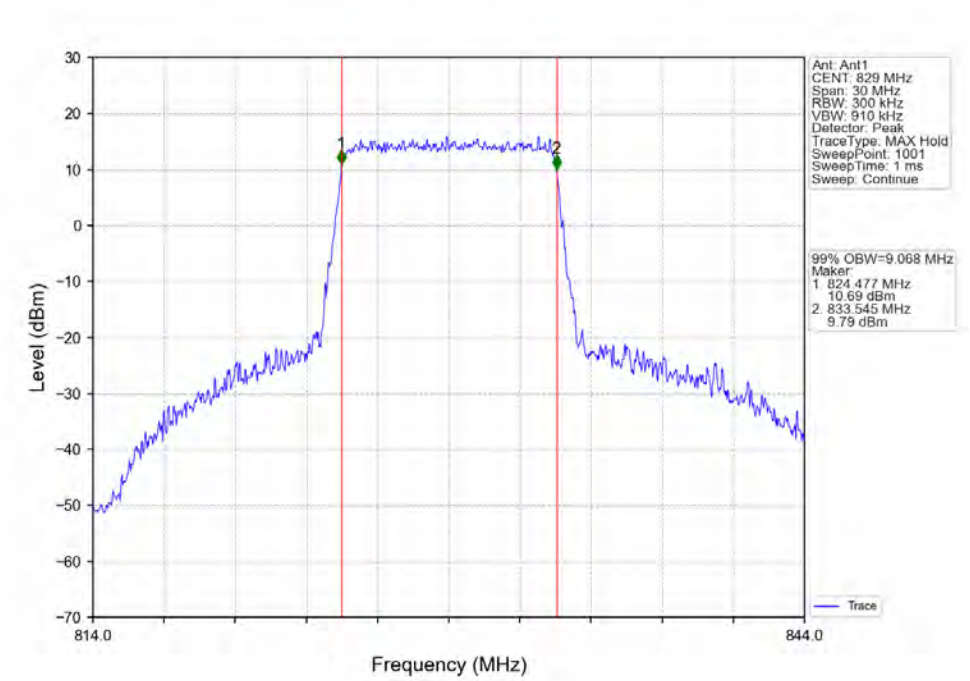
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



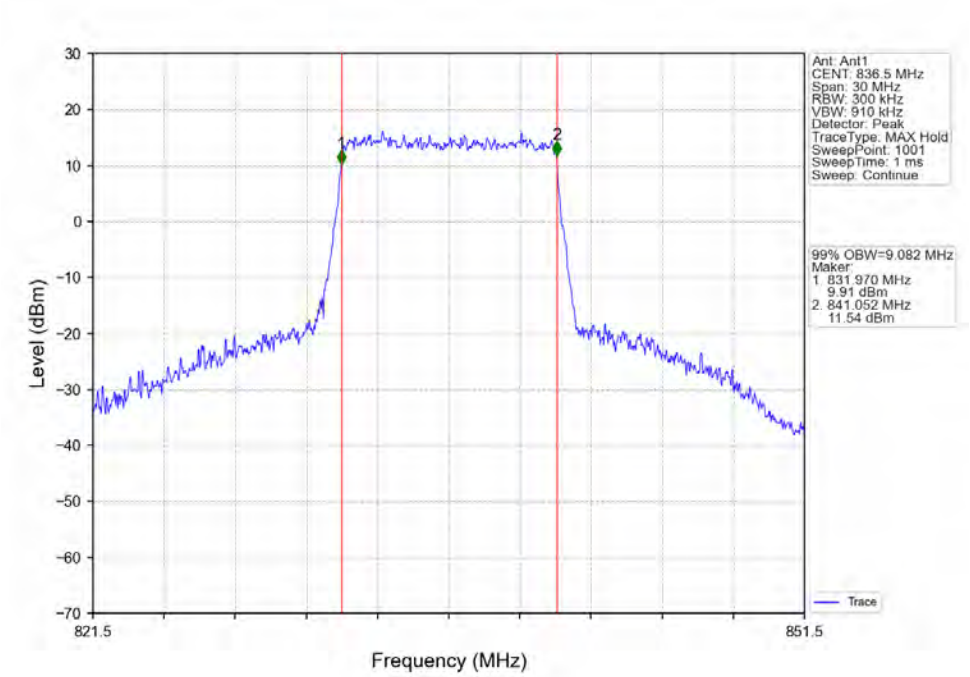
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



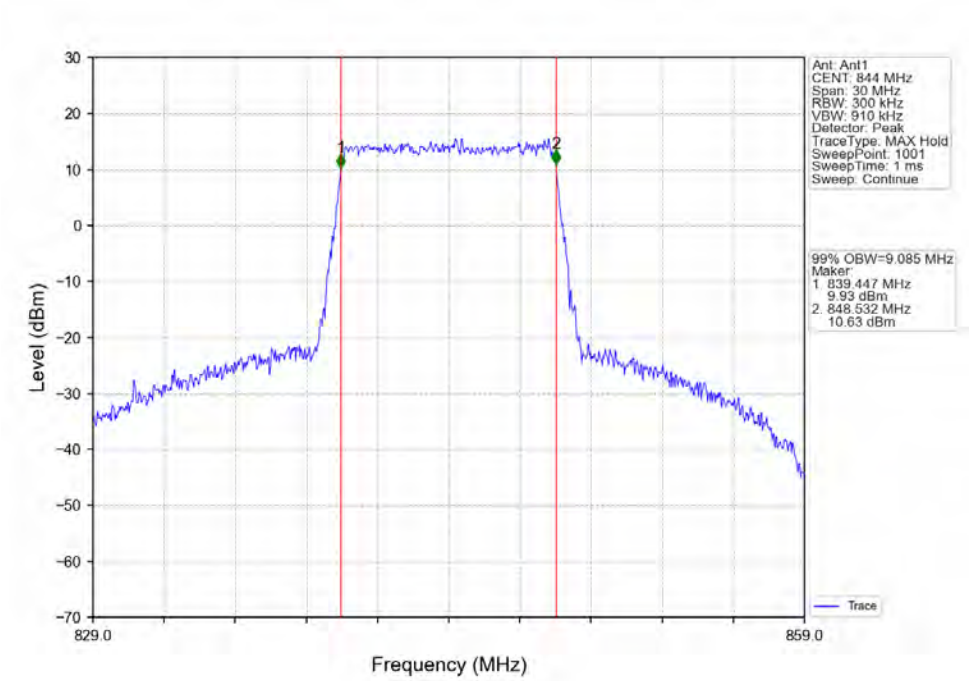
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



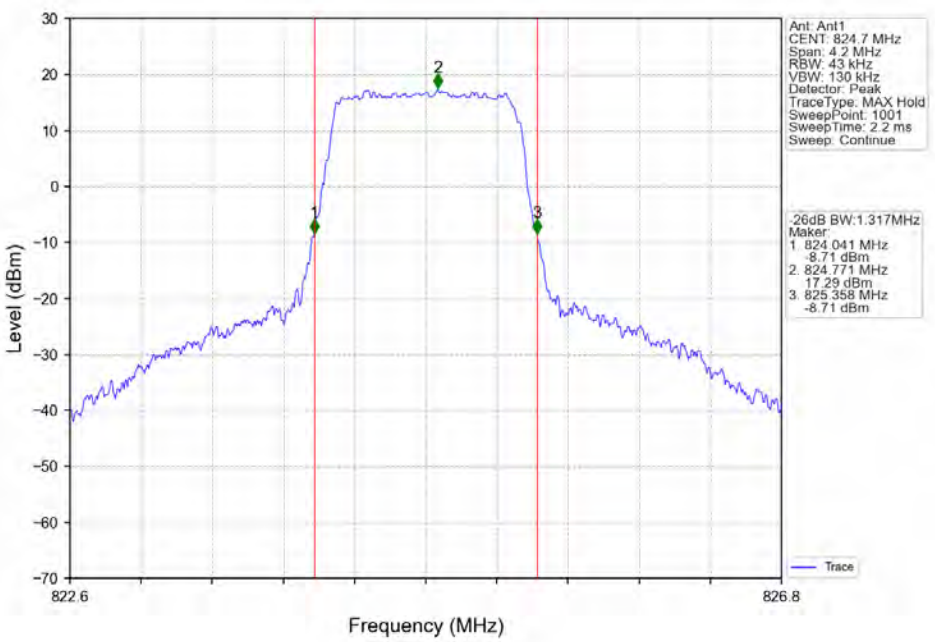
4.2 Band5_XDB

4.2.1 Test Result

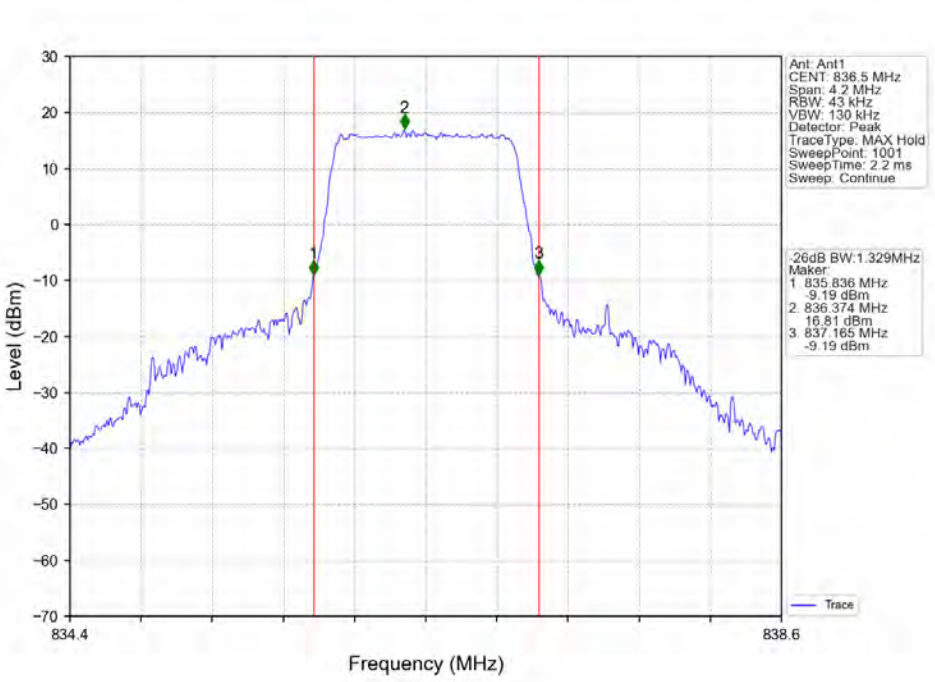
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.317	Pass
		836.5	6	0	1.329	Pass
		848.3	6	0	1.306	Pass
	16QAM	824.7	6	0	1.315	Pass
		836.5	6	0	1.327	Pass
		848.3	6	0	1.325	Pass
3	QPSK	825.5	15	0	3.006	Pass
		836.5	15	0	2.997	Pass
		847.5	15	0	2.995	Pass
	16QAM	825.5	15	0	2.993	Pass
		836.5	15	0	2.980	Pass
		847.5	15	0	2.989	Pass
5	QPSK	826.5	25	0	5.257	Pass
		836.5	25	0	5.227	Pass
		846.5	25	0	5.262	Pass
	16QAM	826.5	25	0	5.288	Pass
		836.5	25	0	5.282	Pass
		846.5	25	0	5.306	Pass
10	QPSK	829	50	0	10.275	Pass
		836.5	50	0	10.421	Pass
		844	50	0	10.303	Pass
	16QAM	829	50	0	10.213	Pass
		836.5	50	0	10.160	Pass
		844	50	0	10.212	Pass

4.2.2 Test Graph

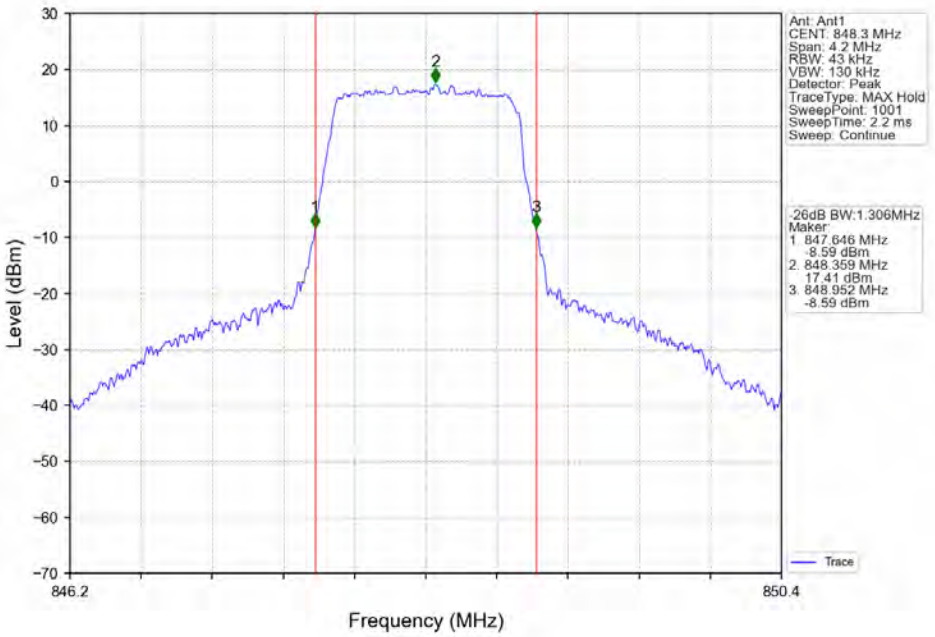
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



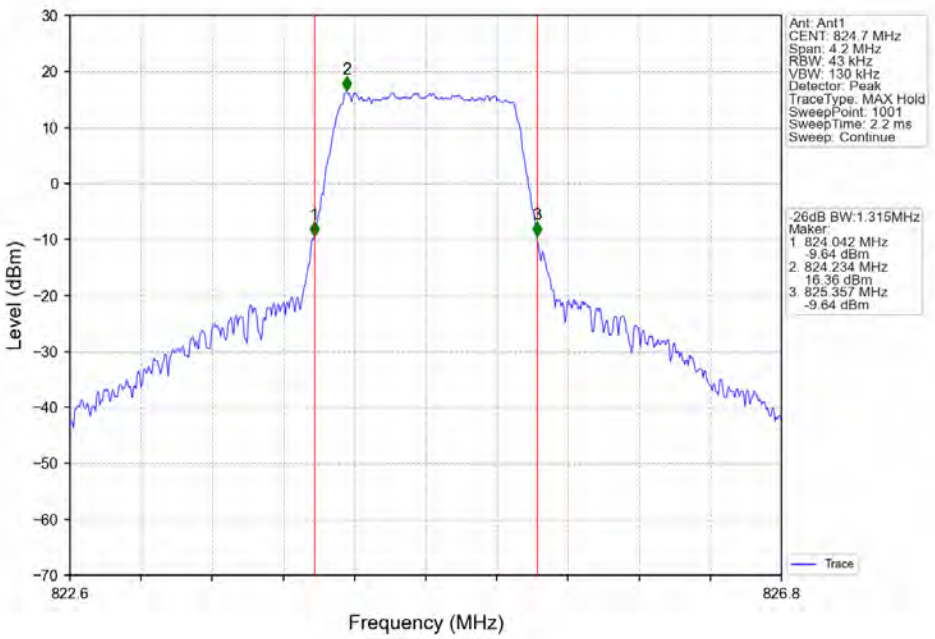
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



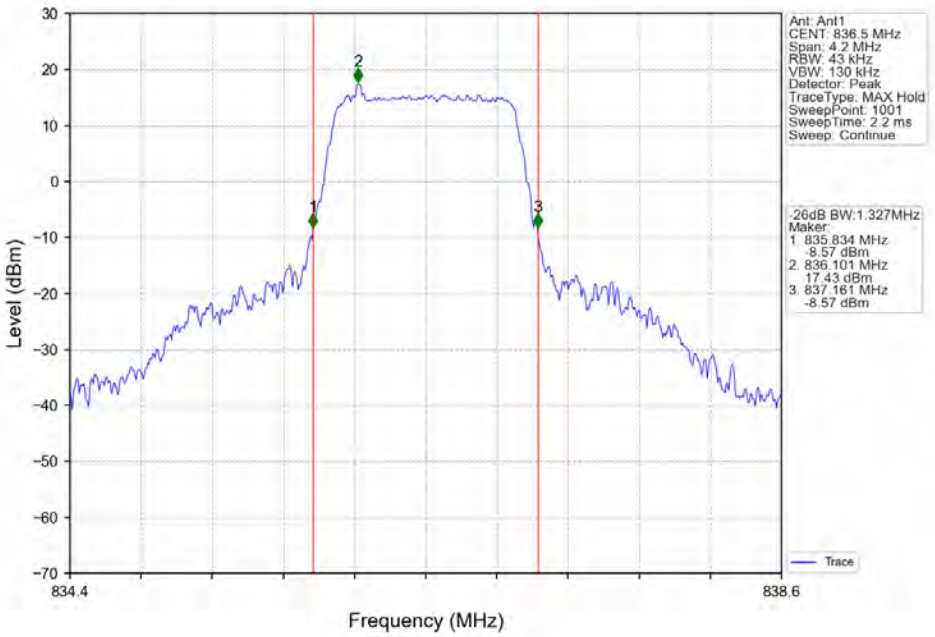
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



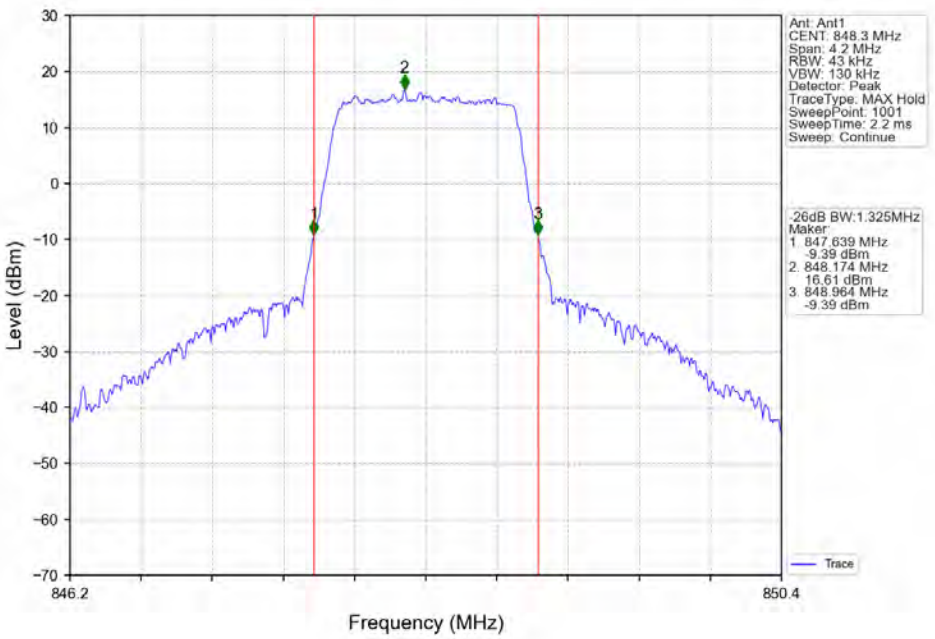
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



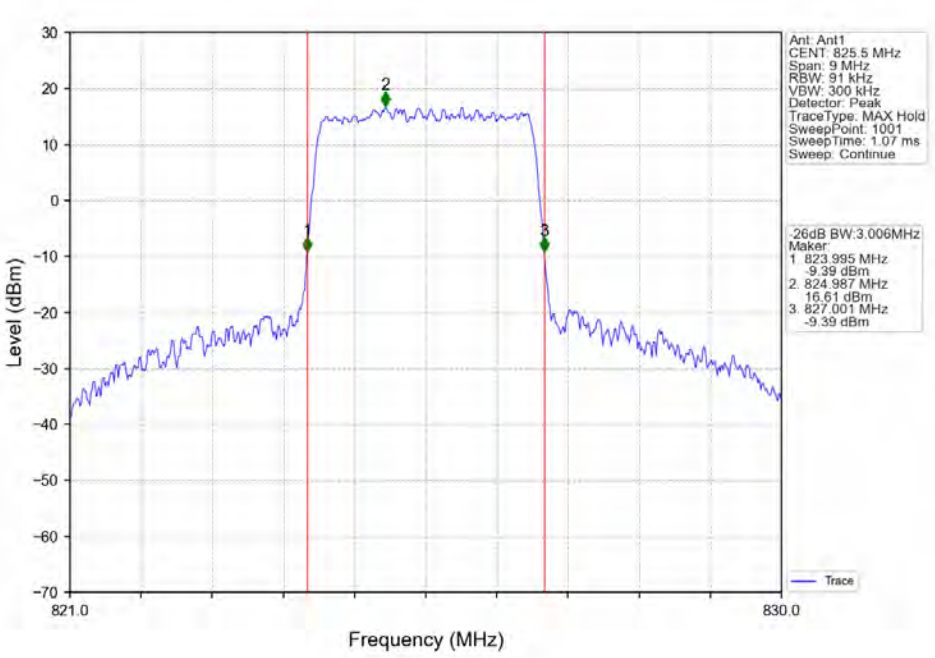
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



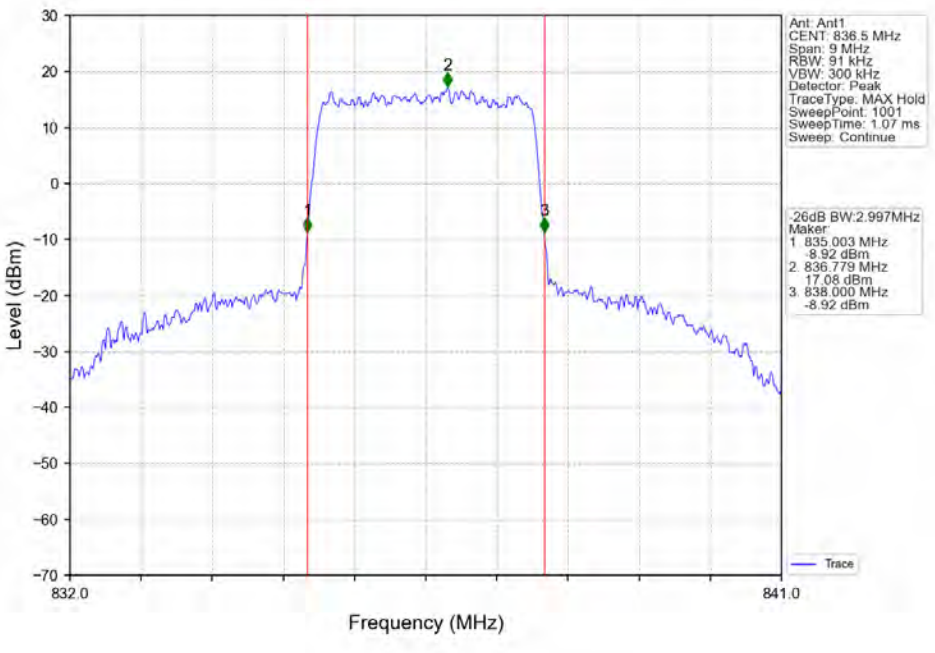
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



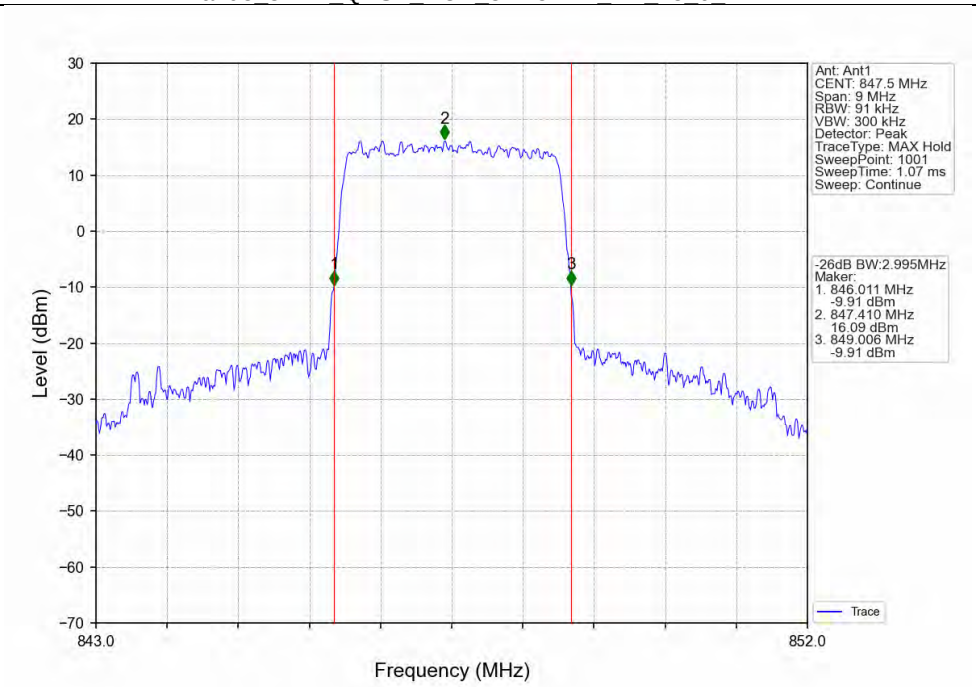
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



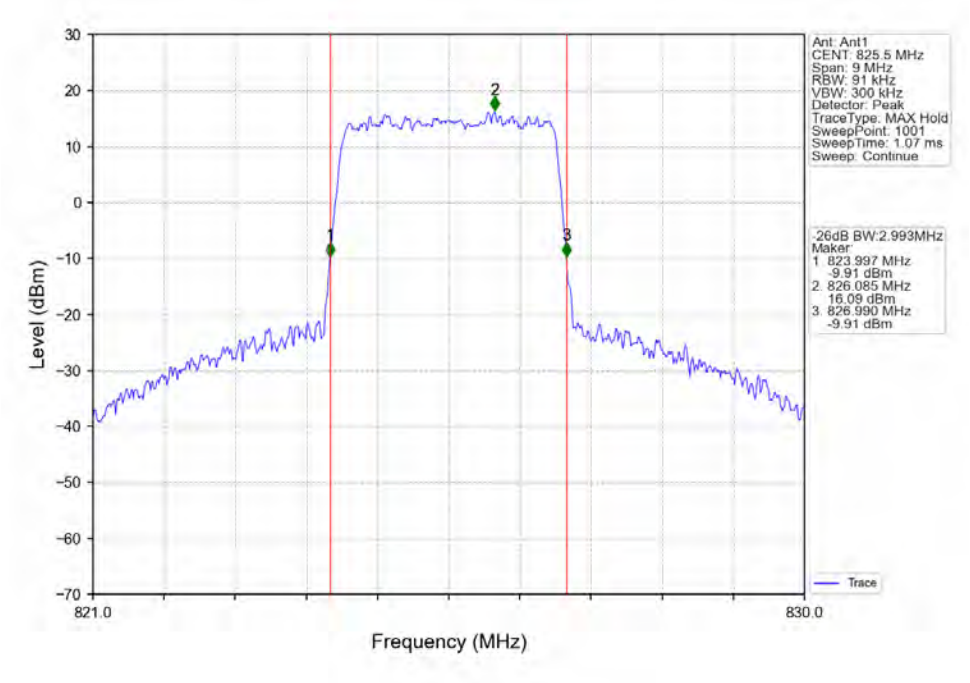
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



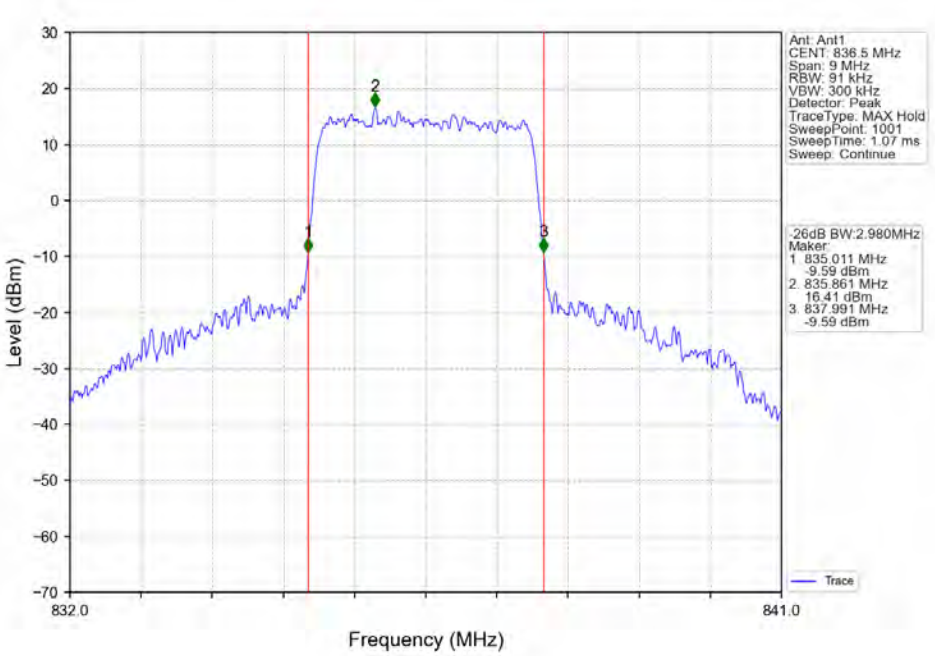
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



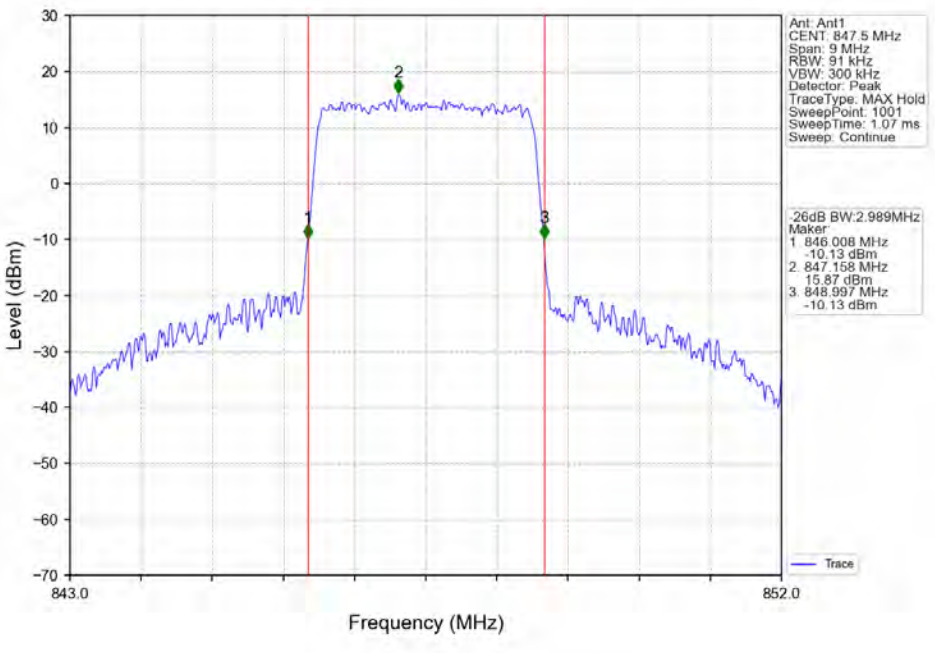
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



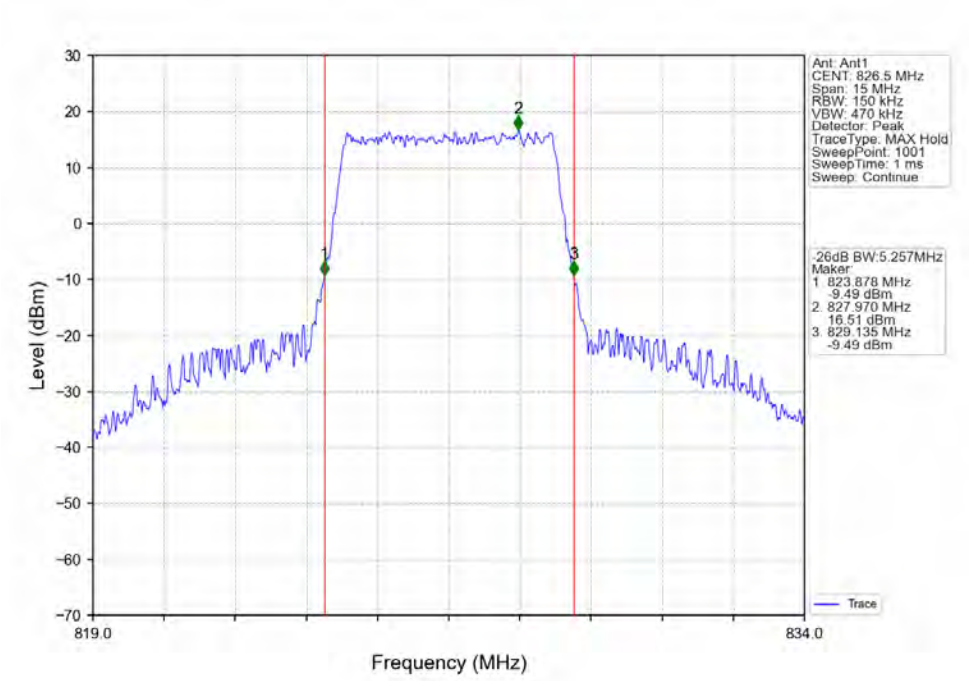
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



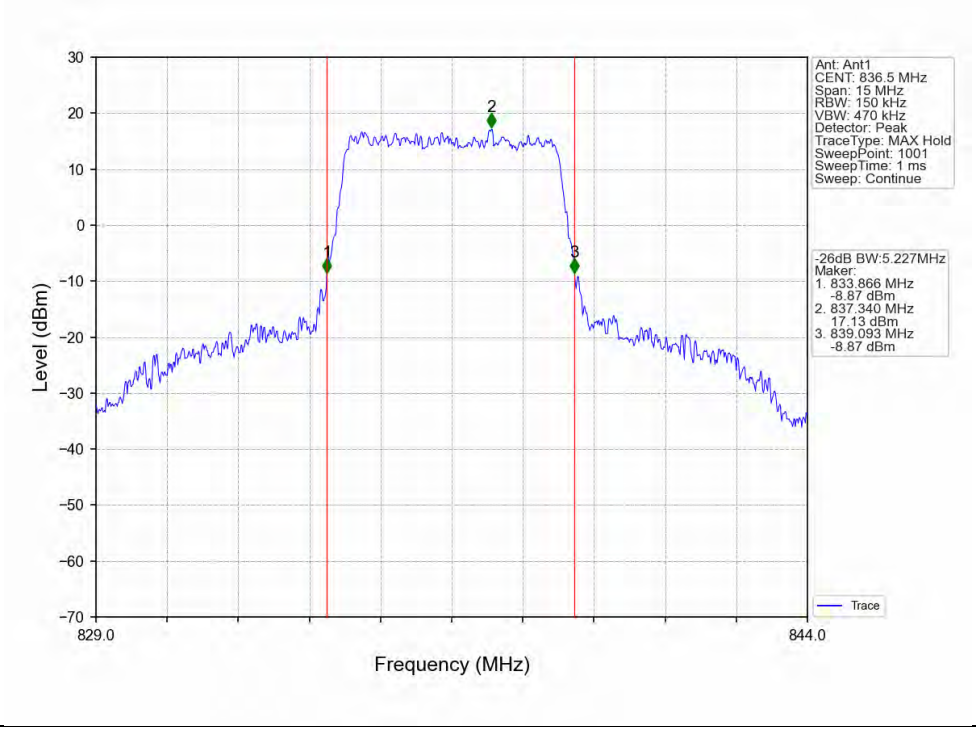
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



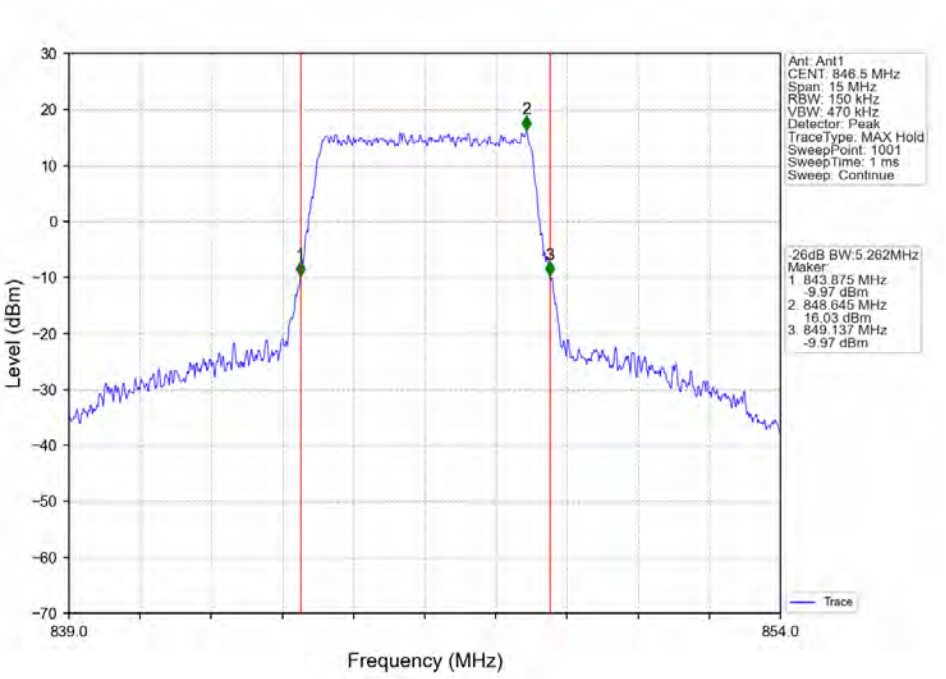
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



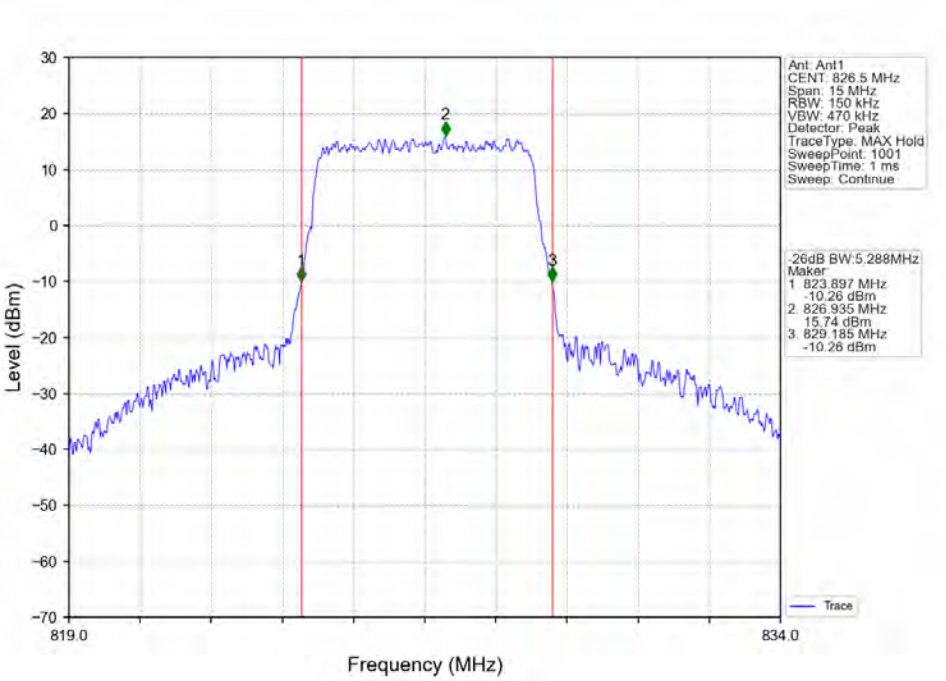
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



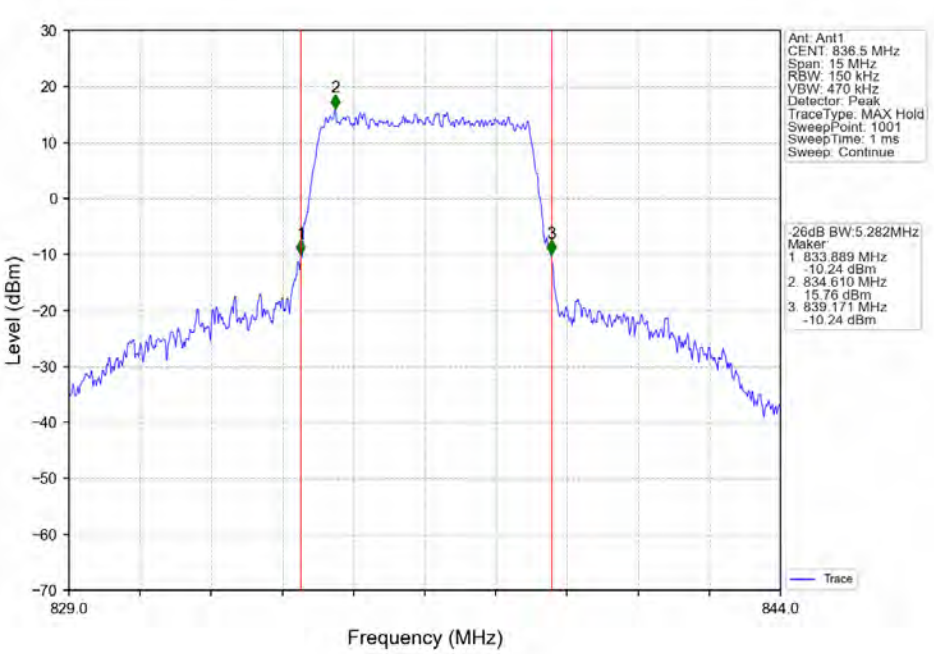
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



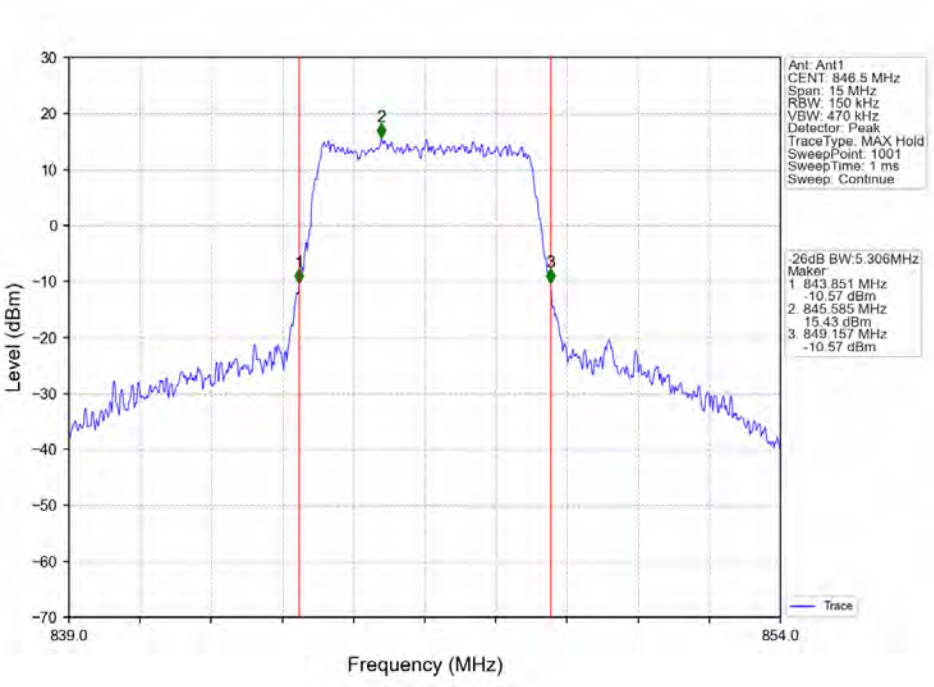
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



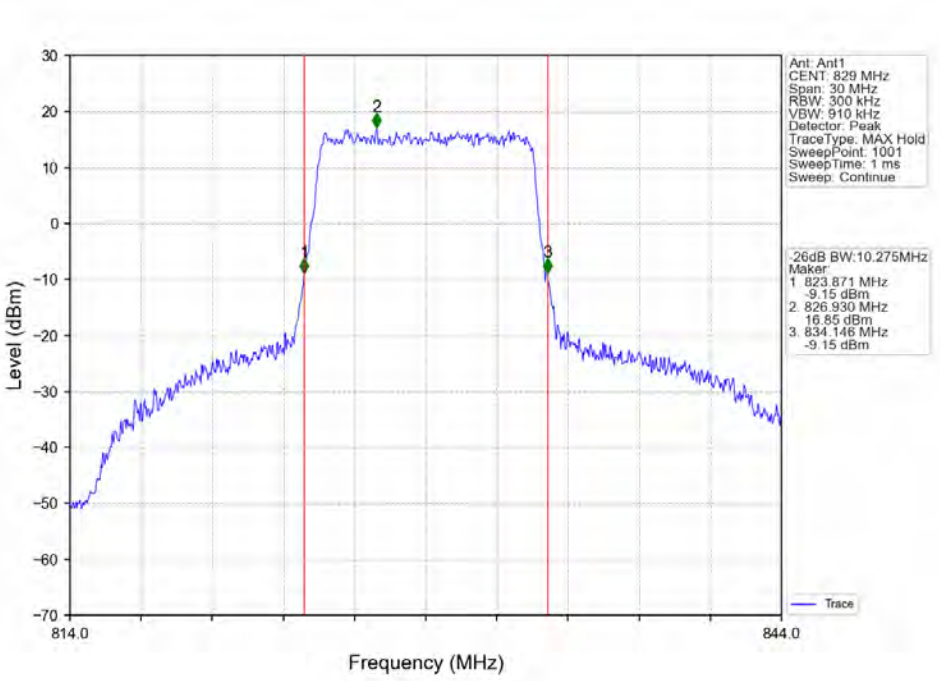
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



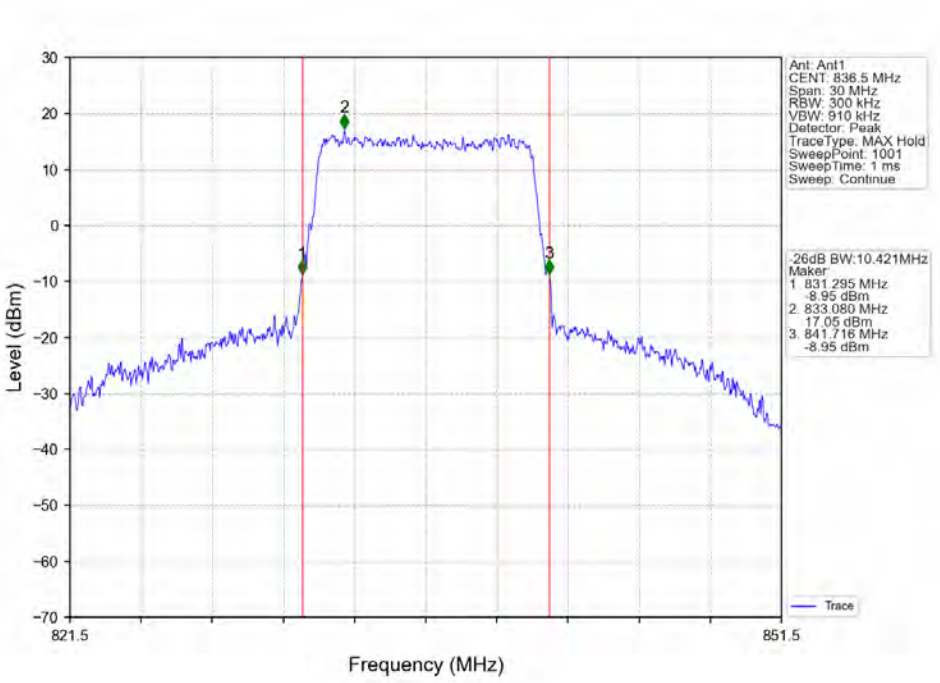
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



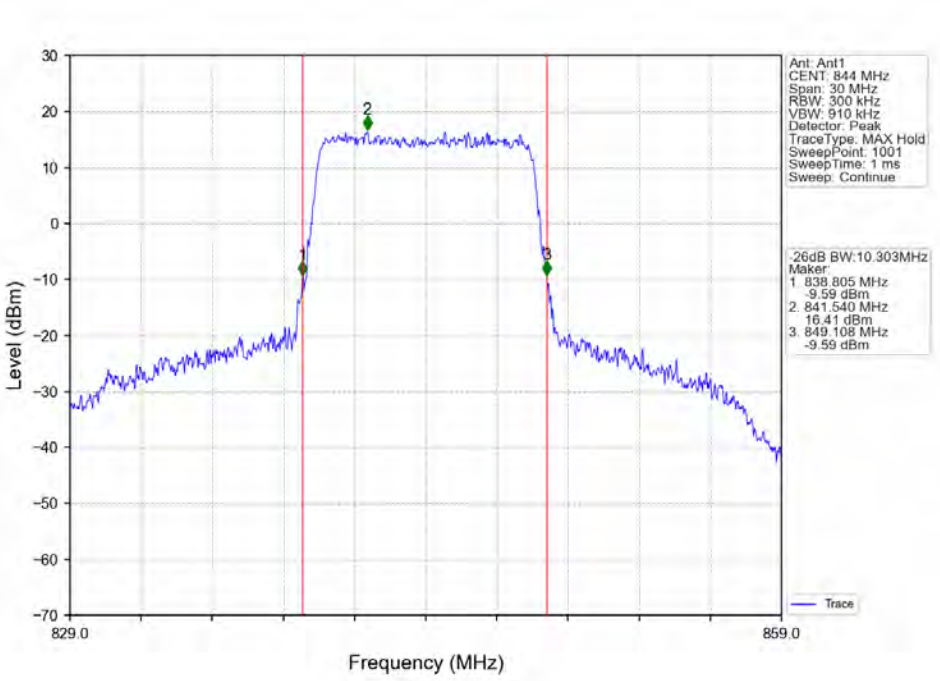
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



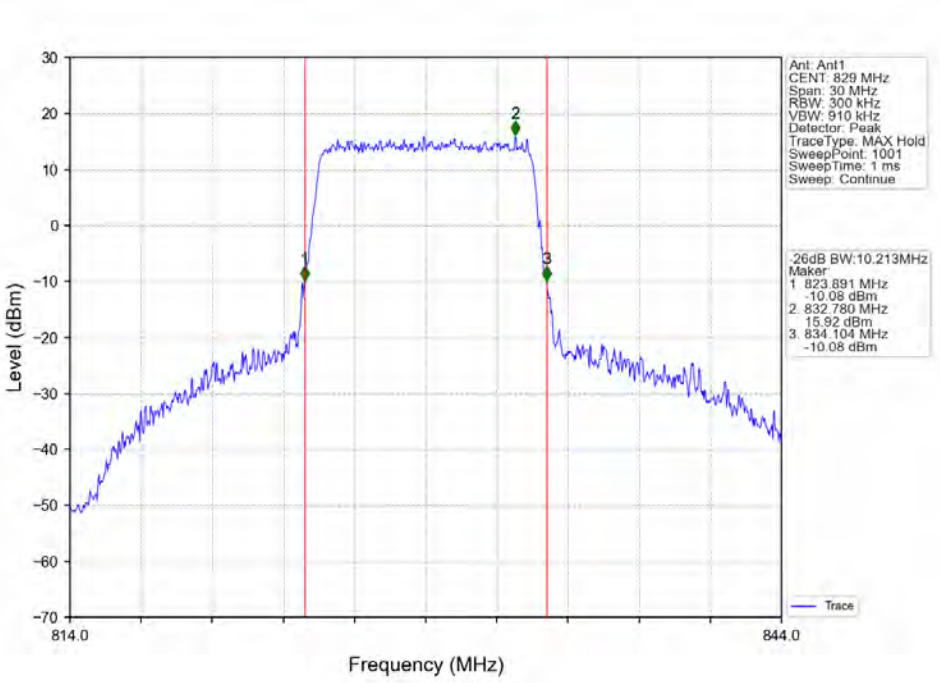
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



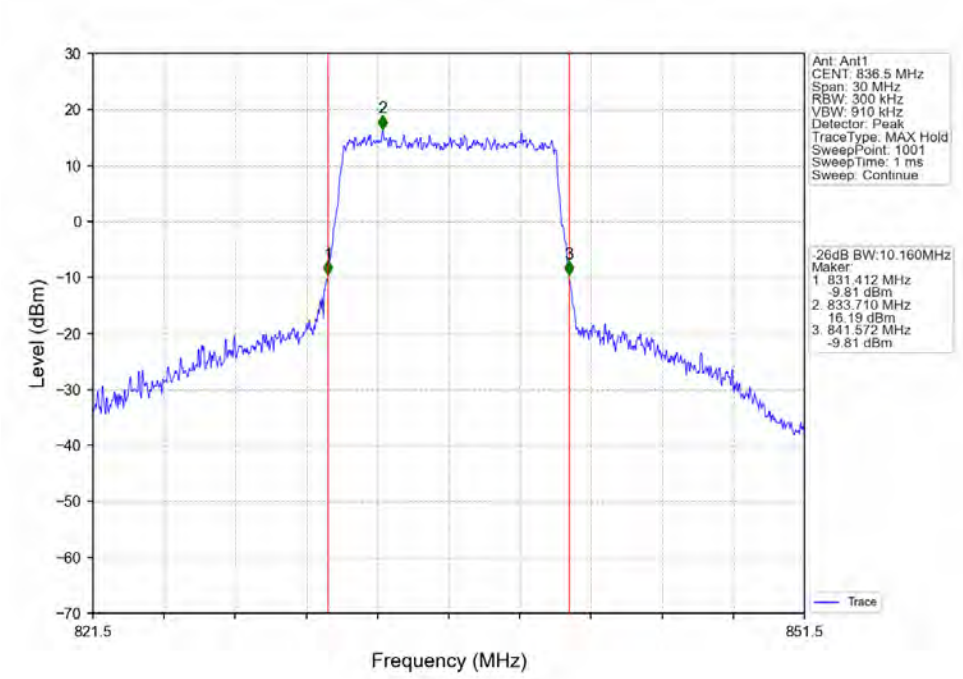
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



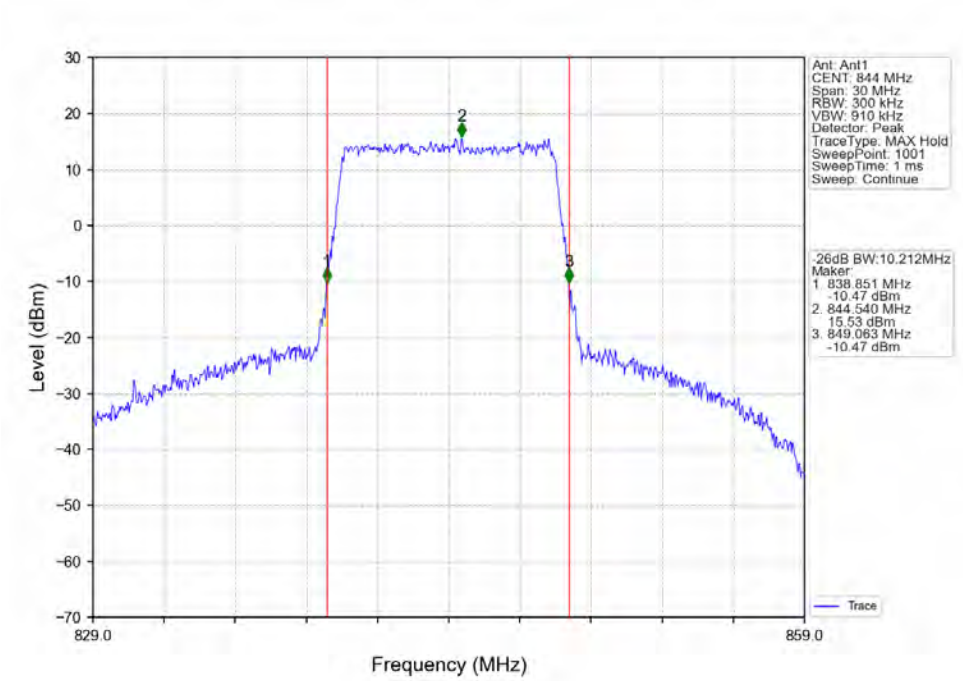
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

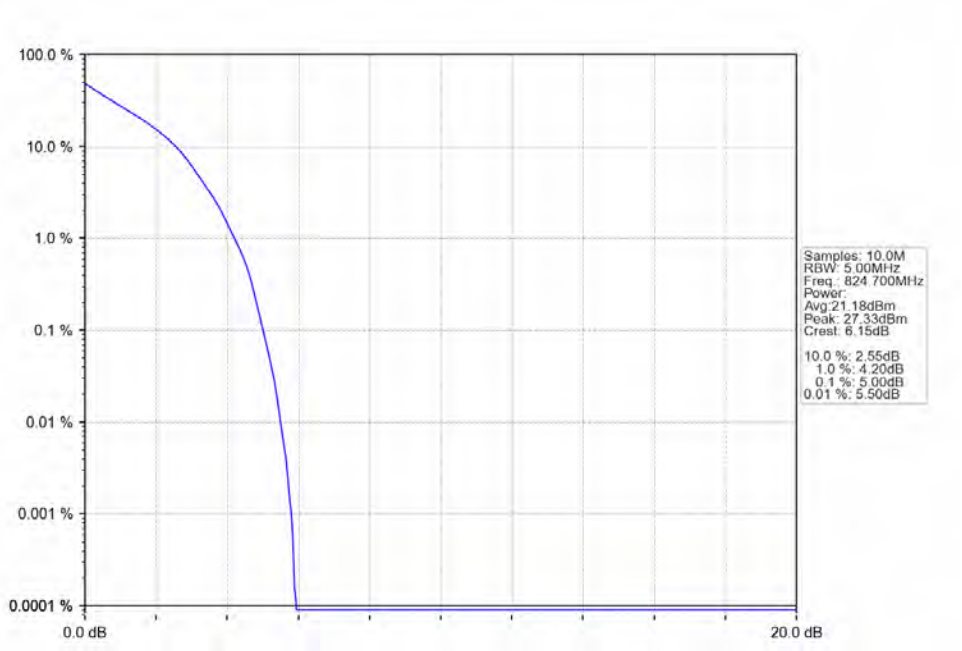
5.1 B5_1.4MHz

5.1.1 Test Result

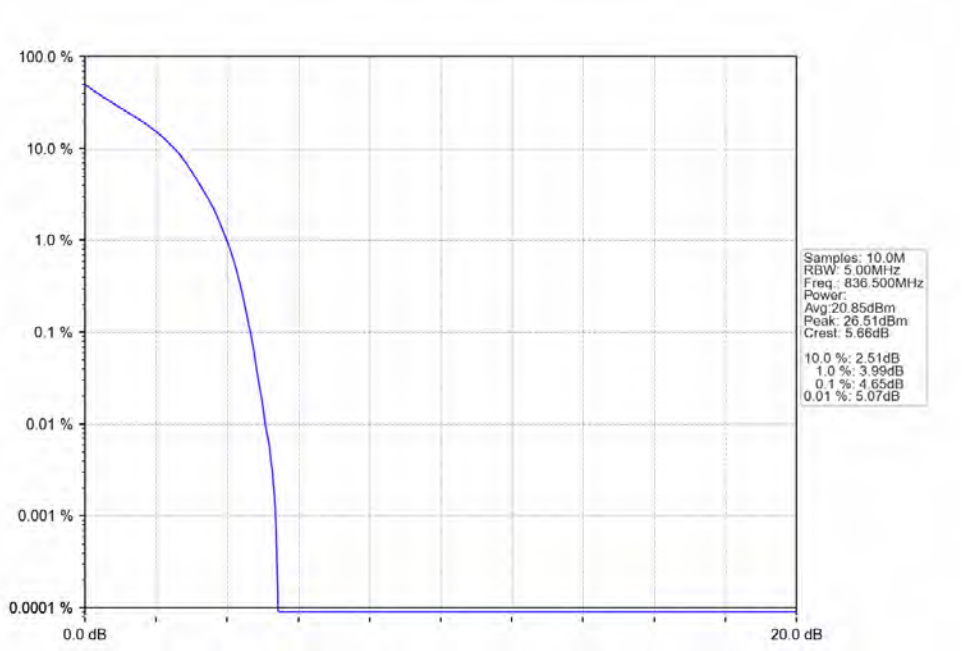
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.00	<=13	Pass
	836.5	6	0	4.65	<=13	Pass
	848.3	6	0	5.02	<=13	Pass
16QAM	824.7	6	0	5.90	<=13	Pass
	836.5	6	0	5.49	<=13	Pass
	848.3	6	0	5.85	<=13	Pass

5.1.2 Test Graph

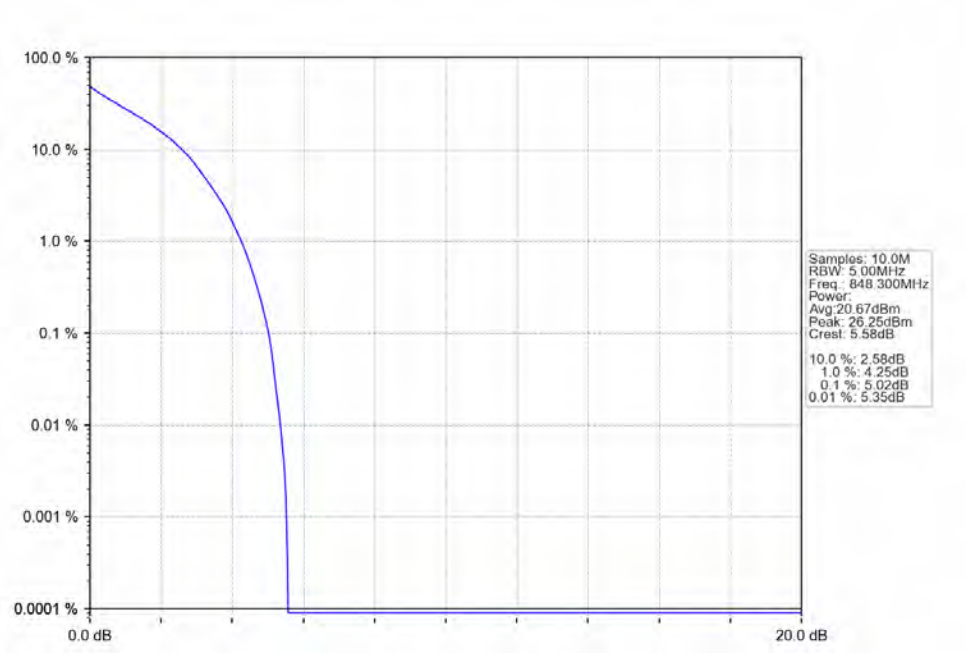
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



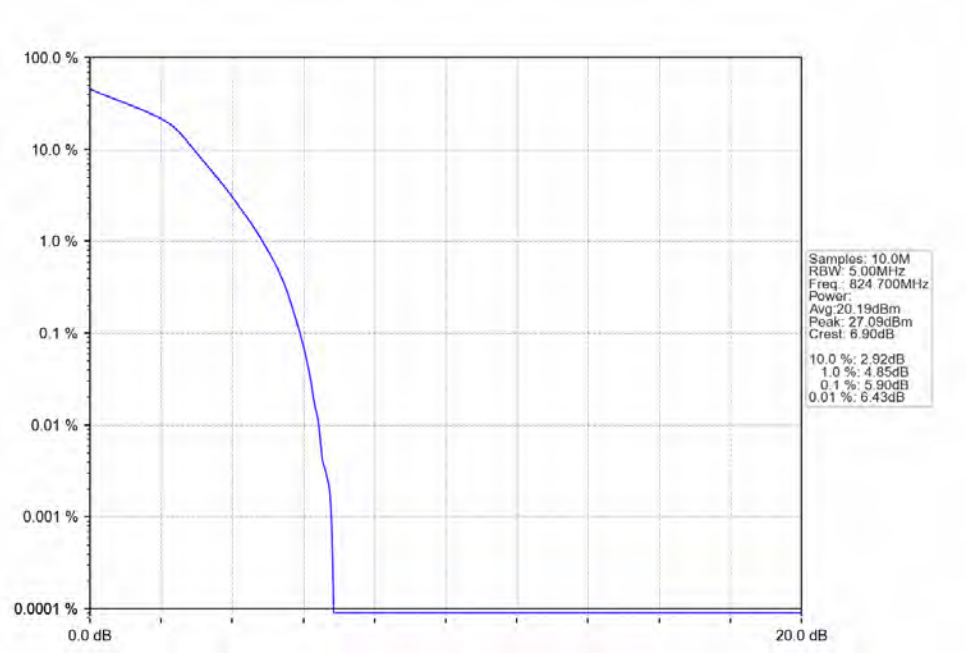
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



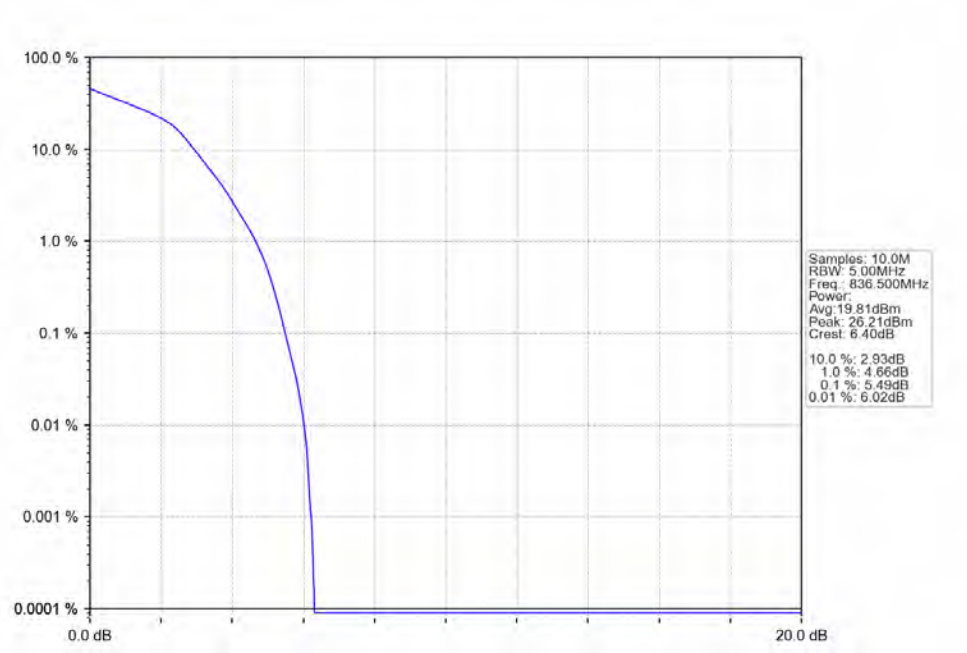
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



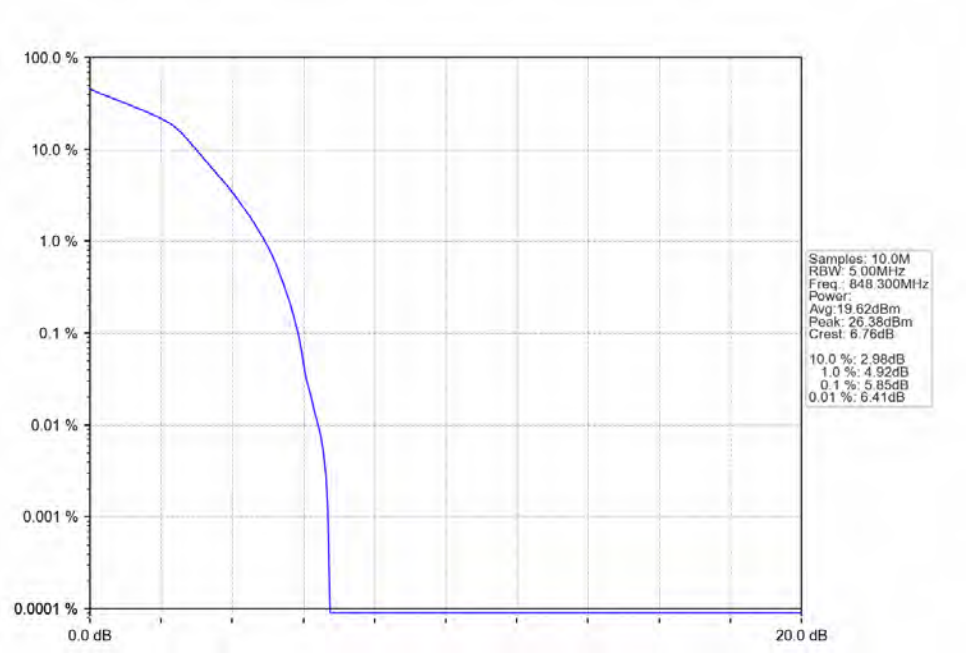
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



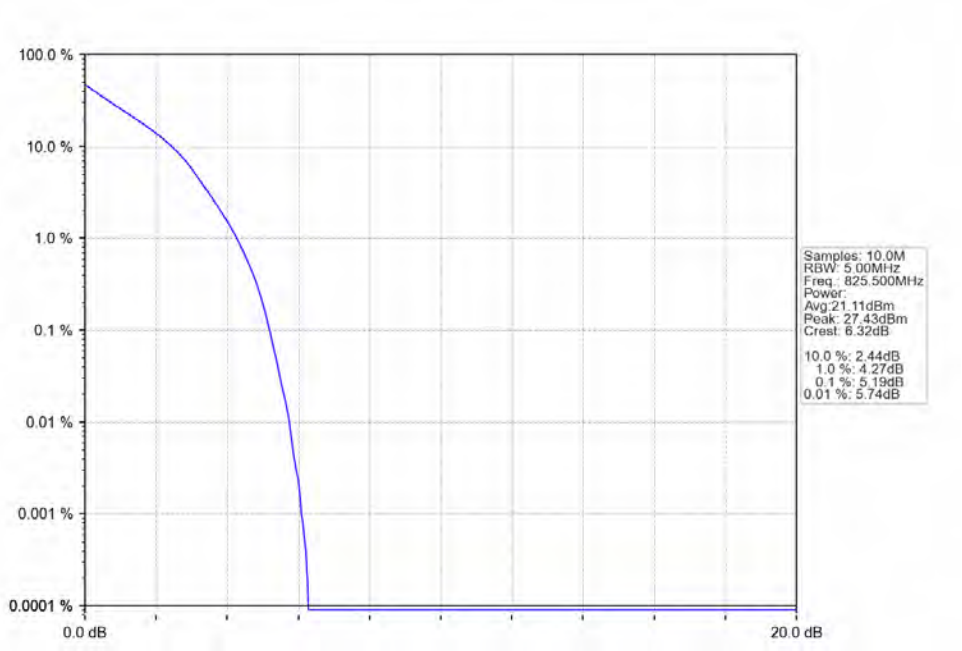
5.2 B5_3MHz

5.2.1 Test Result

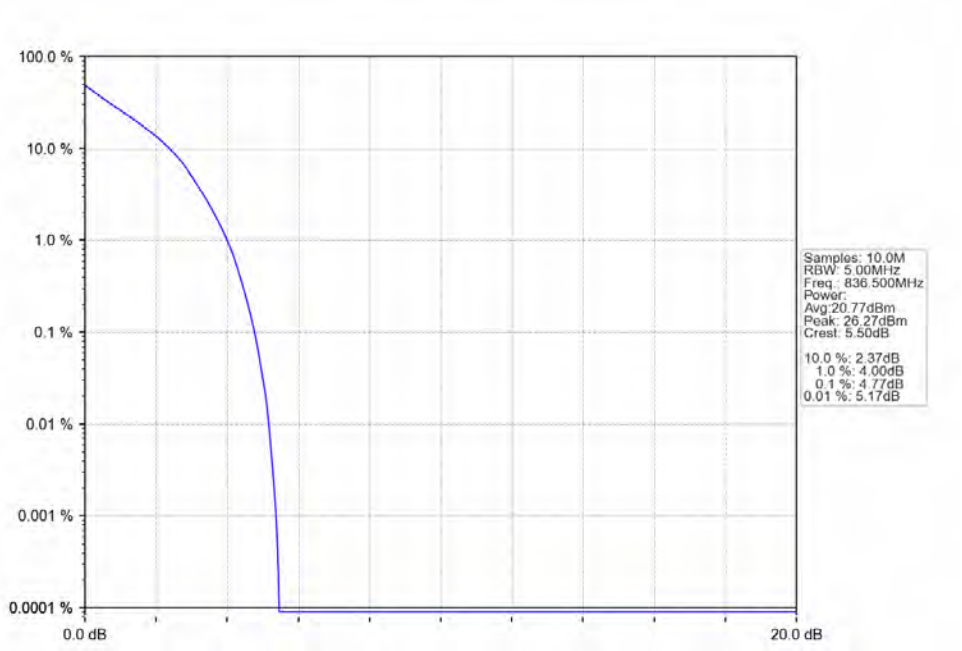
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.19	<=13	Pass
	836.5	15	0	4.77	<=13	Pass
	847.5	15	0	5.16	<=13	Pass
16QAM	825.5	15	0	6.01	<=13	Pass
	836.5	15	0	5.65	<=13	Pass
	847.5	15	0	5.98	<=13	Pass

5.2.2 Test Graph

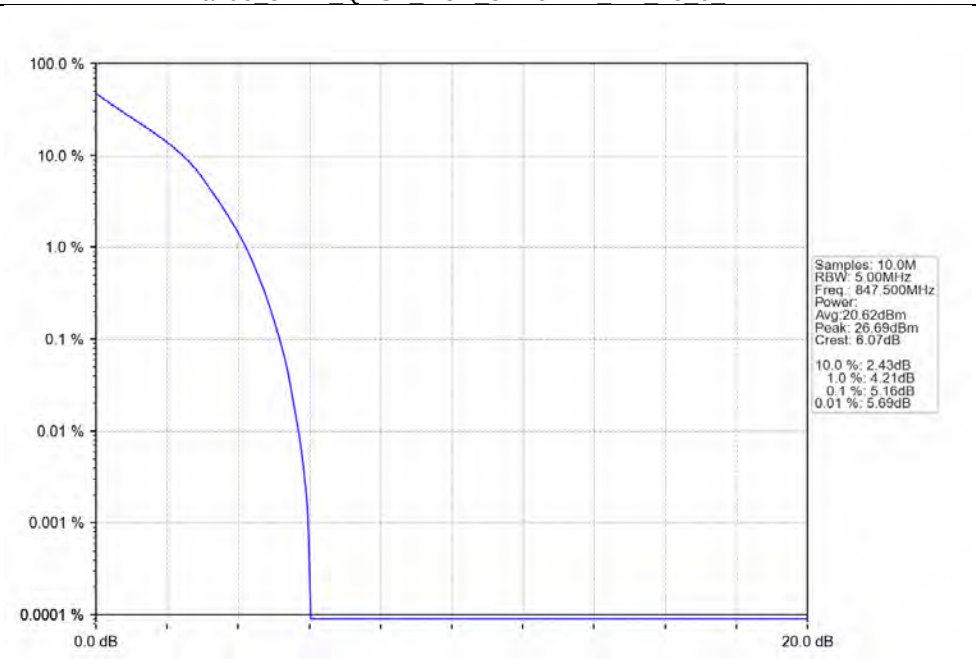
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



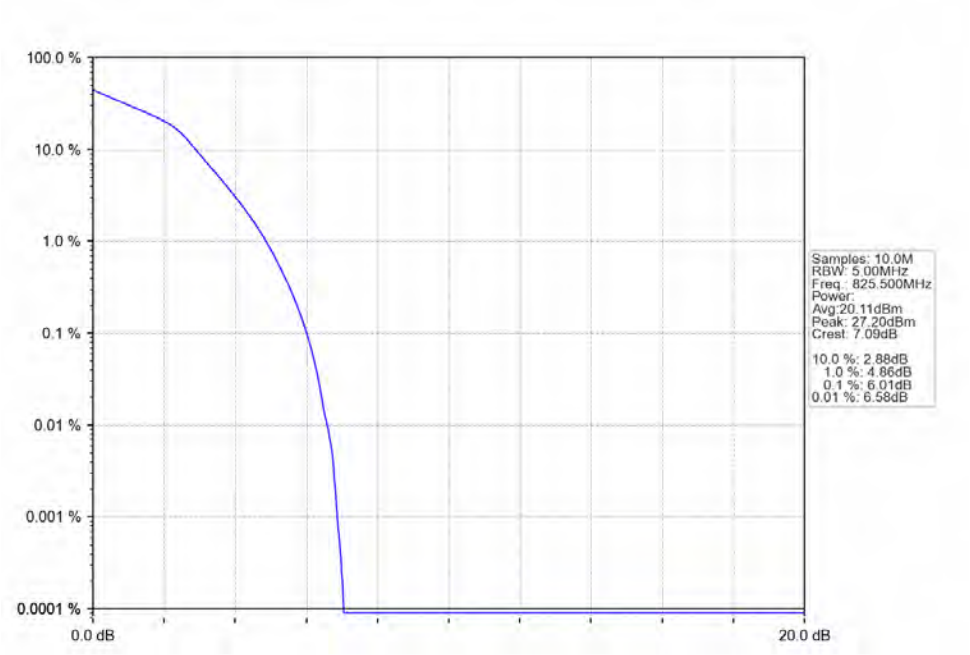
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



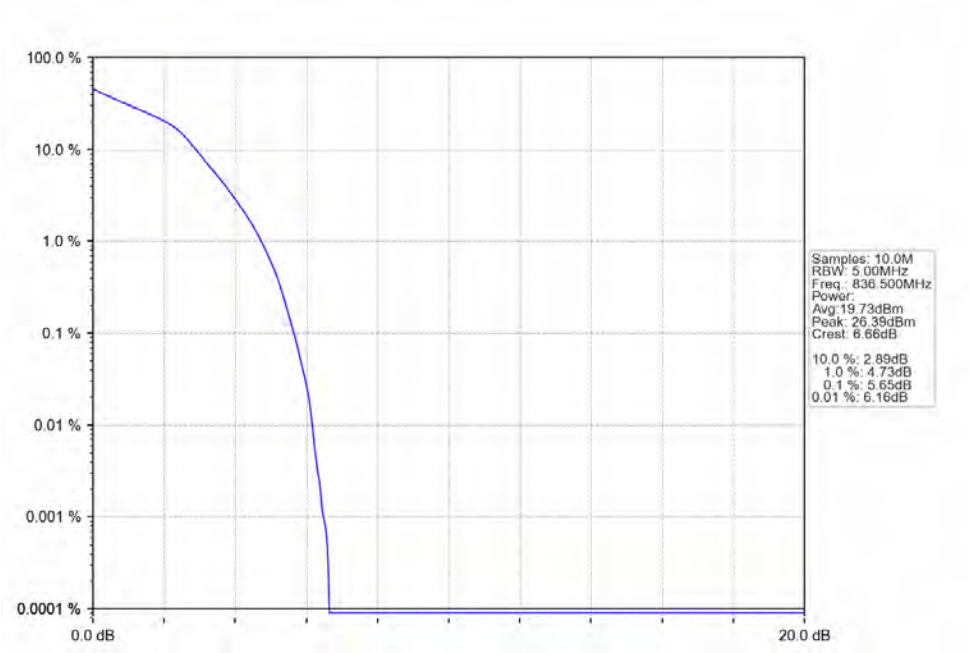
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



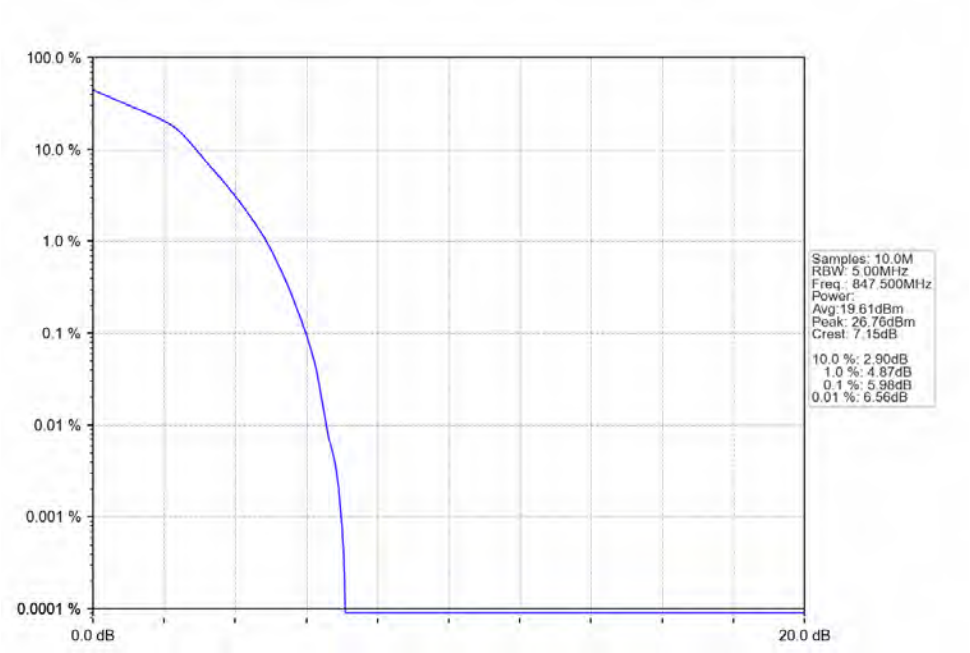
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



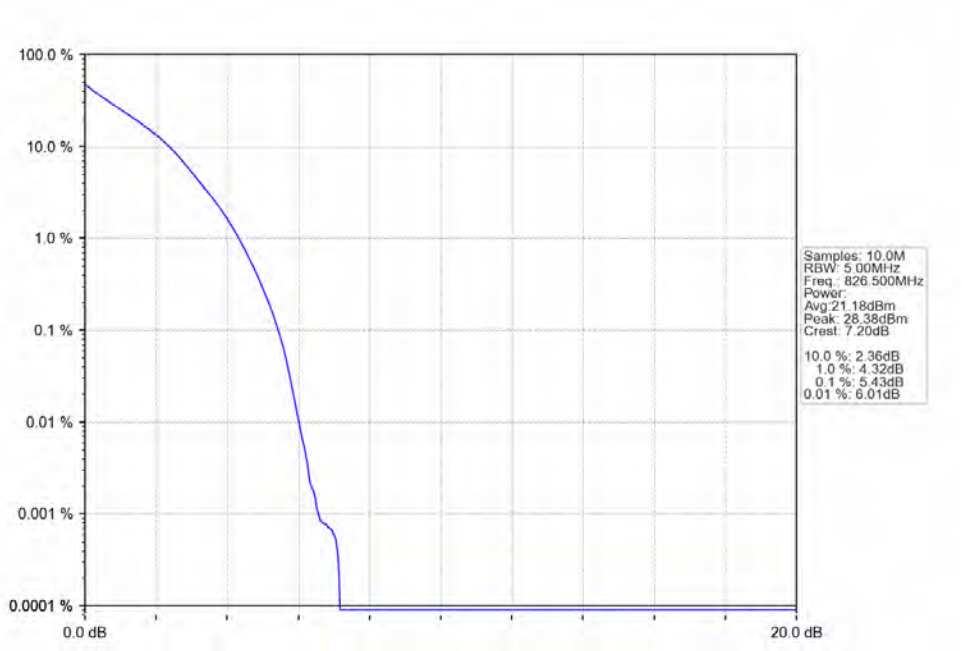
5.3 B5_5MHz

5.3.1 Test Result

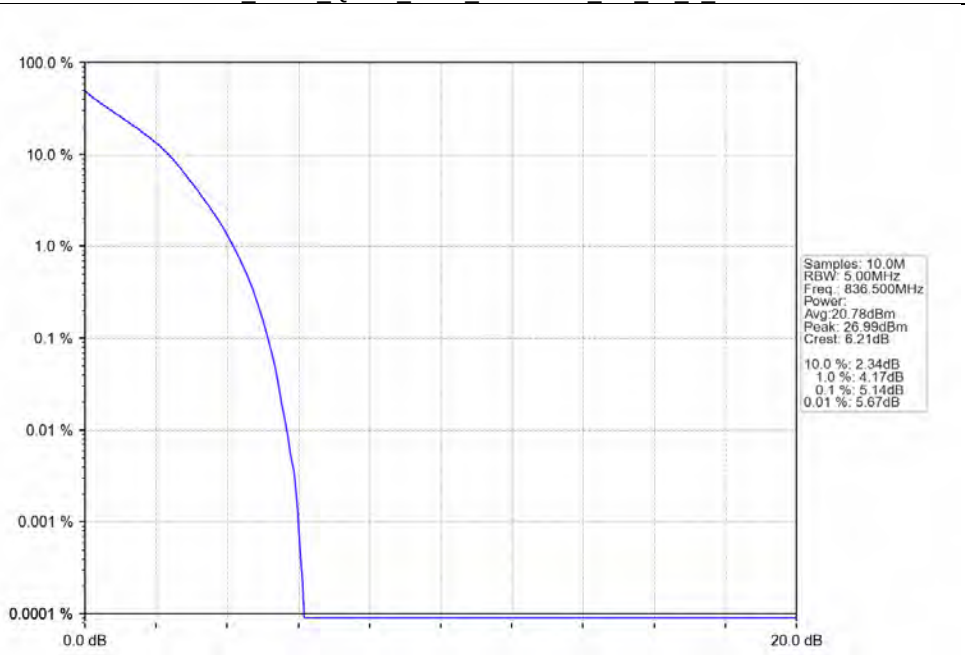
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.43	<=13	Pass
	836.5	25	0	5.14	<=13	Pass
	846.5	25	0	5.37	<=13	Pass
16QAM	826.5	25	0	6.13	<=13	Pass
	836.5	25	0	5.84	<=13	Pass
	846.5	25	0	6.10	<=13	Pass

5.3.2 Test Graph

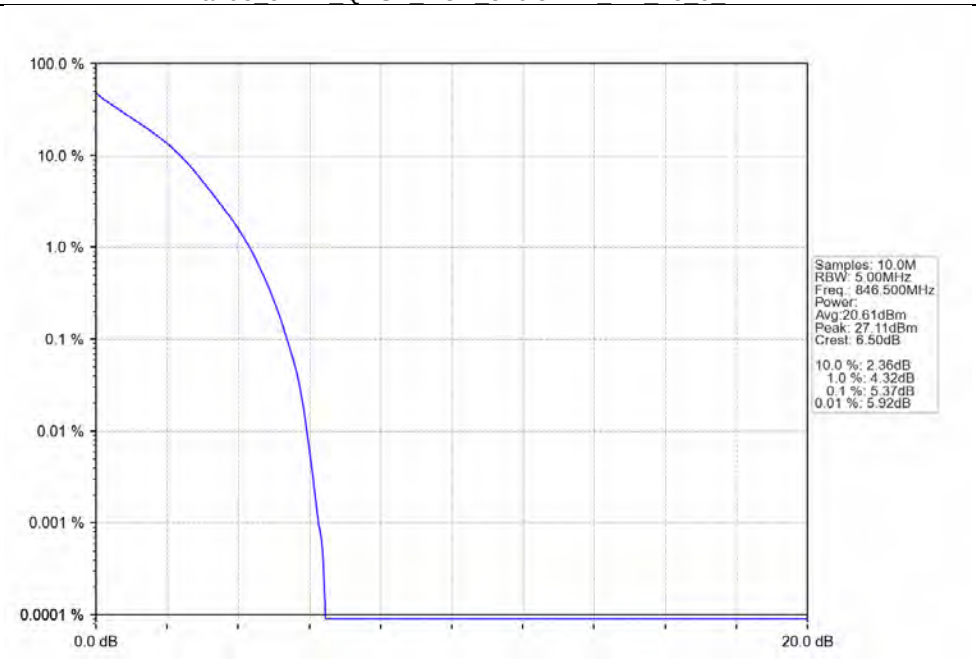
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



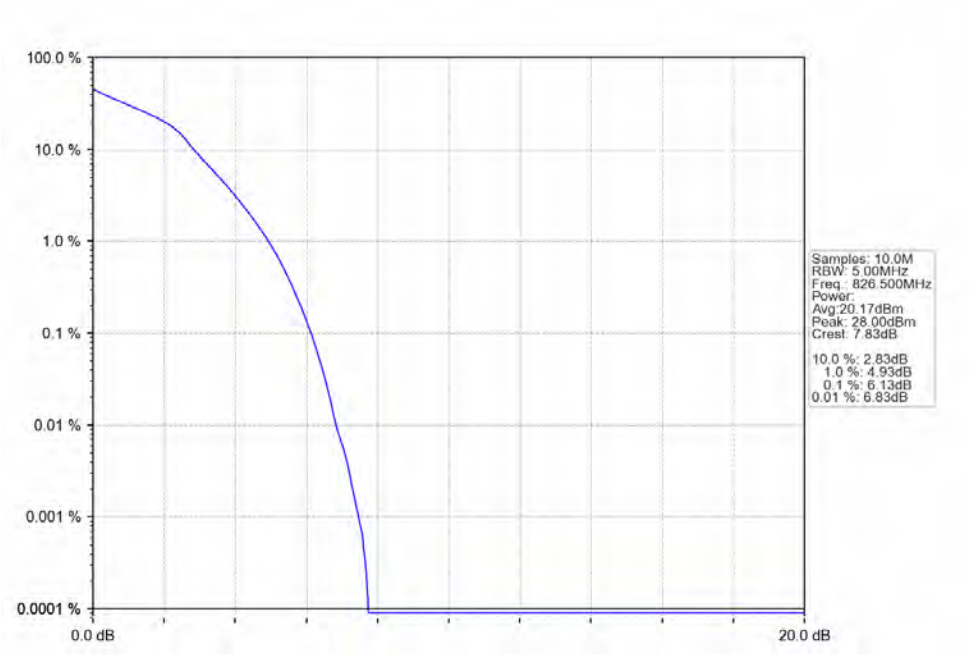
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



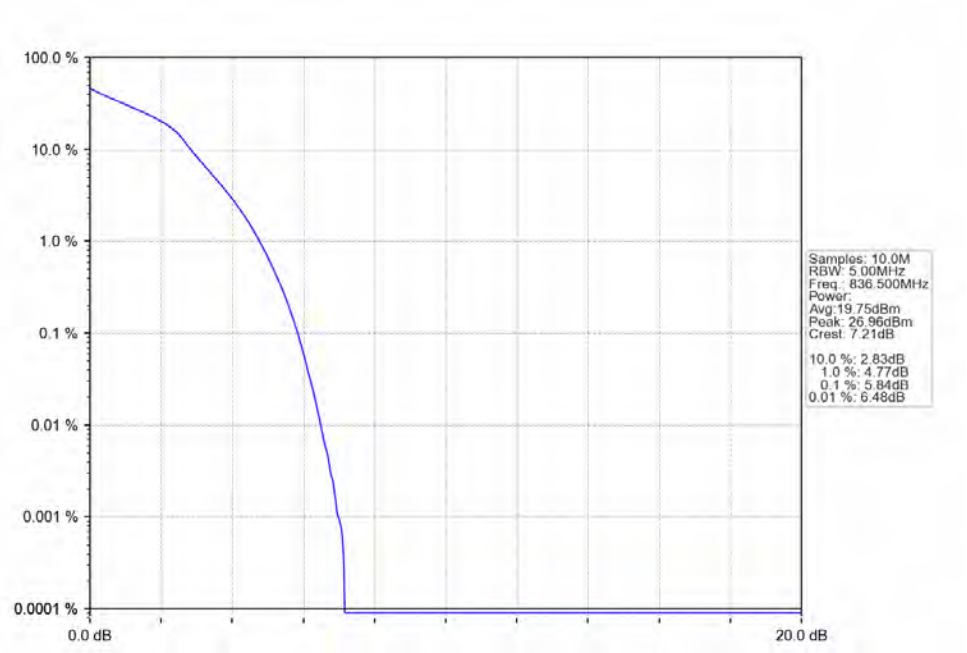
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



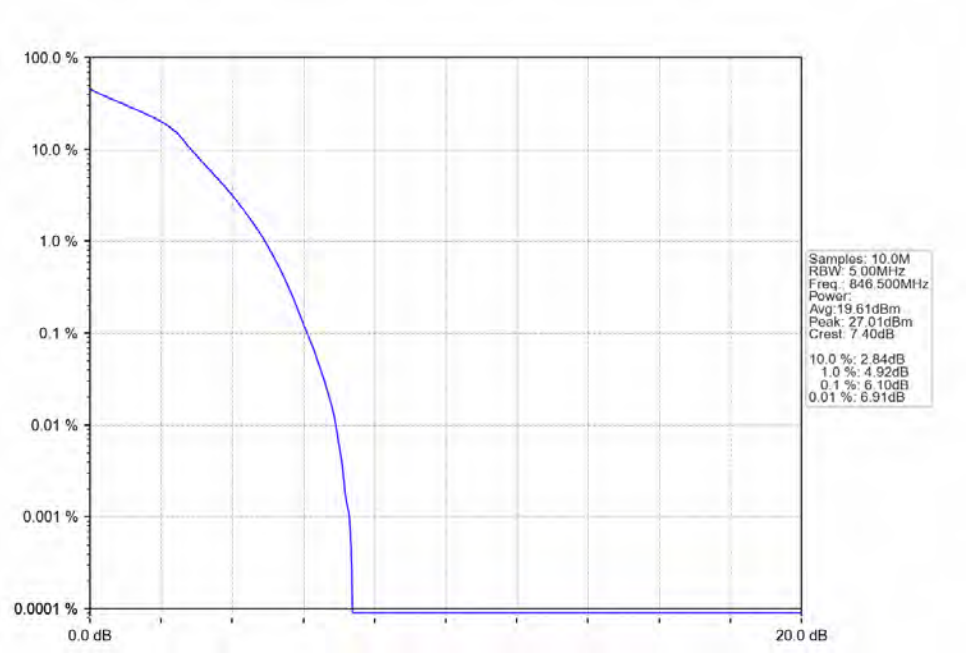
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



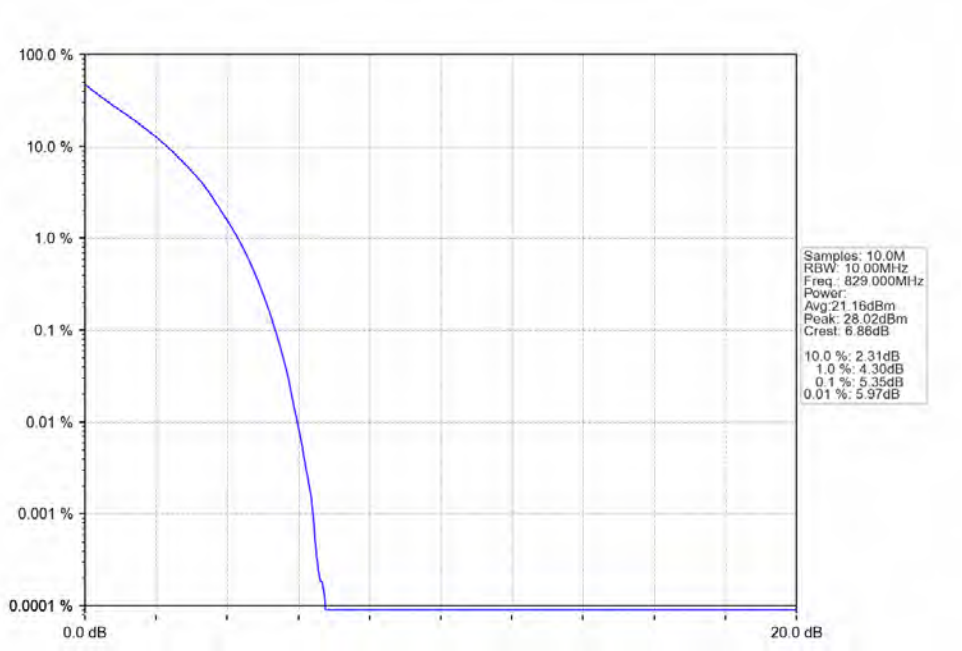
5.4 B5_10MHz

5.4.1 Test Result

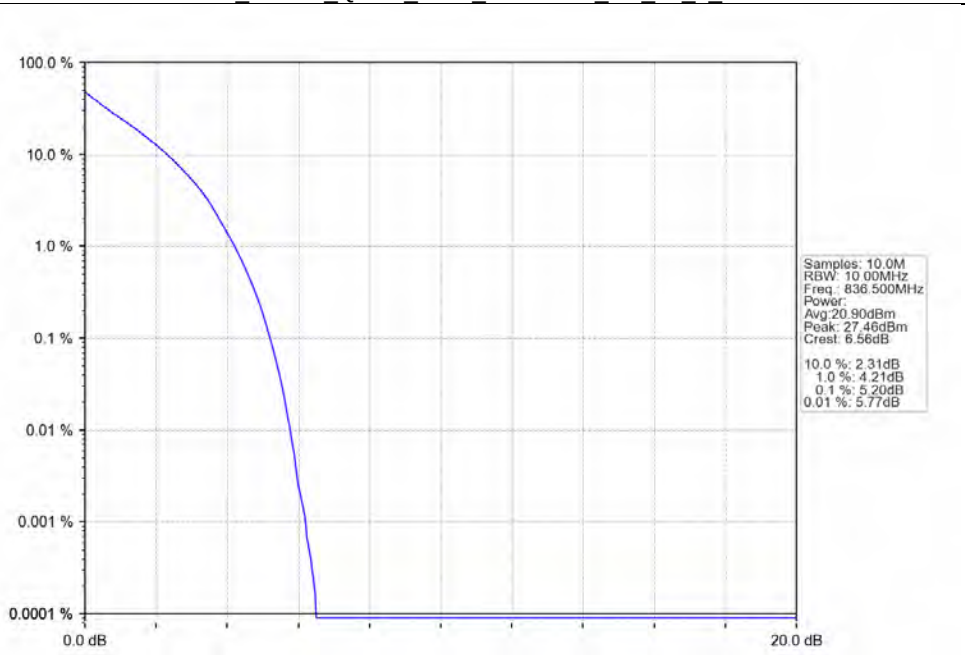
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.35	<=13	Pass
	836.5	50	0	5.20	<=13	Pass
	844	50	0	5.33	<=13	Pass
16QAM	829	50	0	6.11	<=13	Pass
	836.5	50	0	5.95	<=13	Pass
	844	50	0	6.06	<=13	Pass

5.4.2 Test Graph

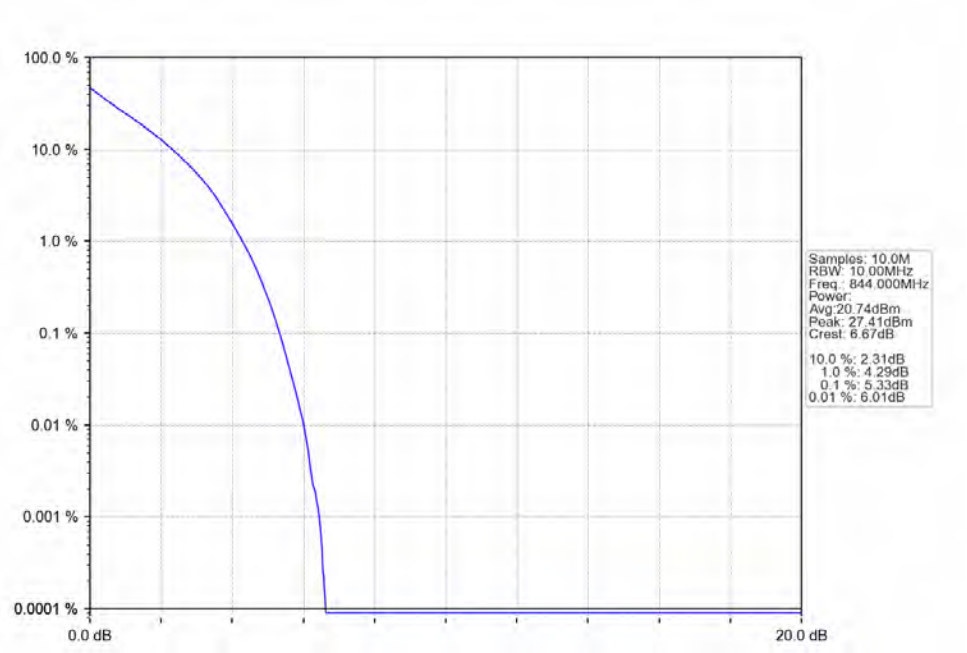
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



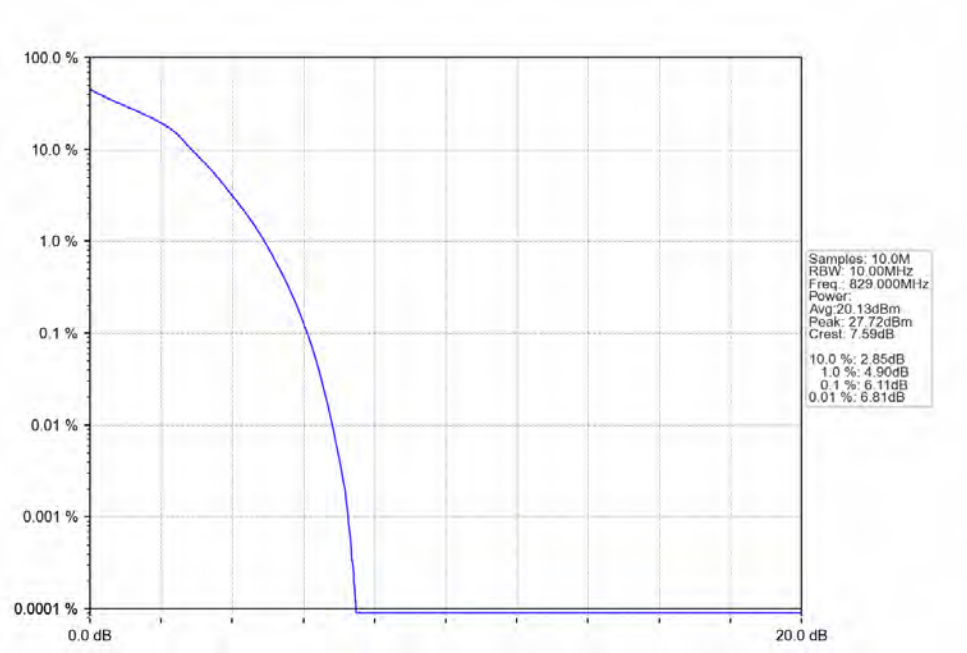
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



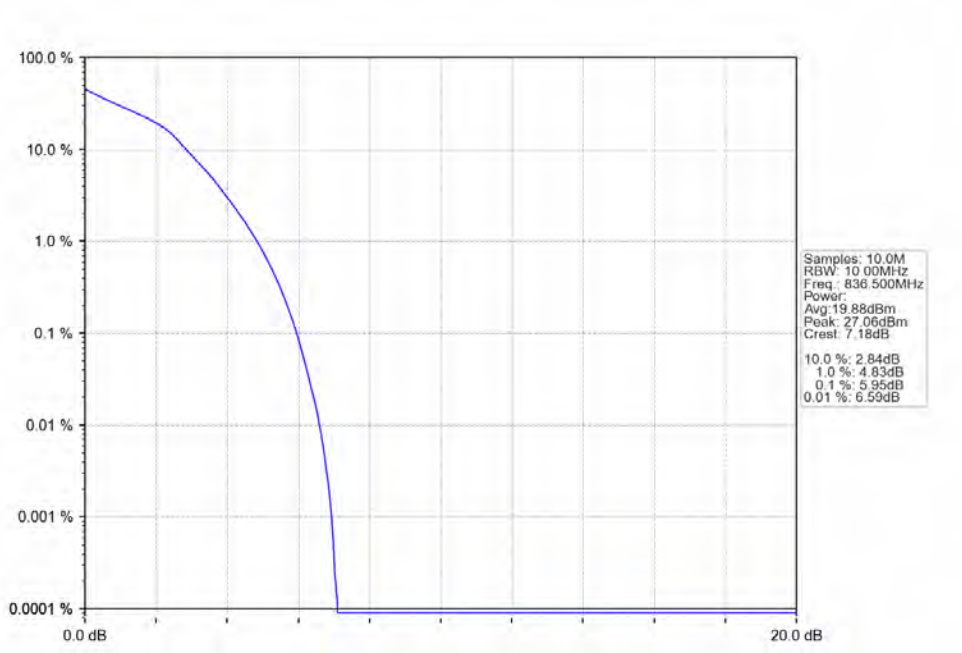
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



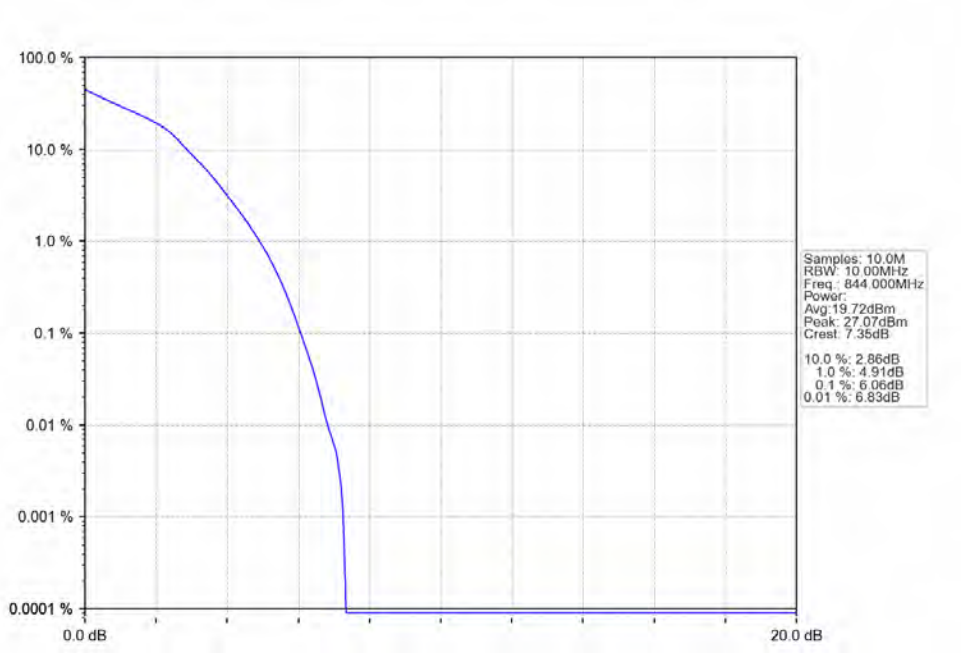
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

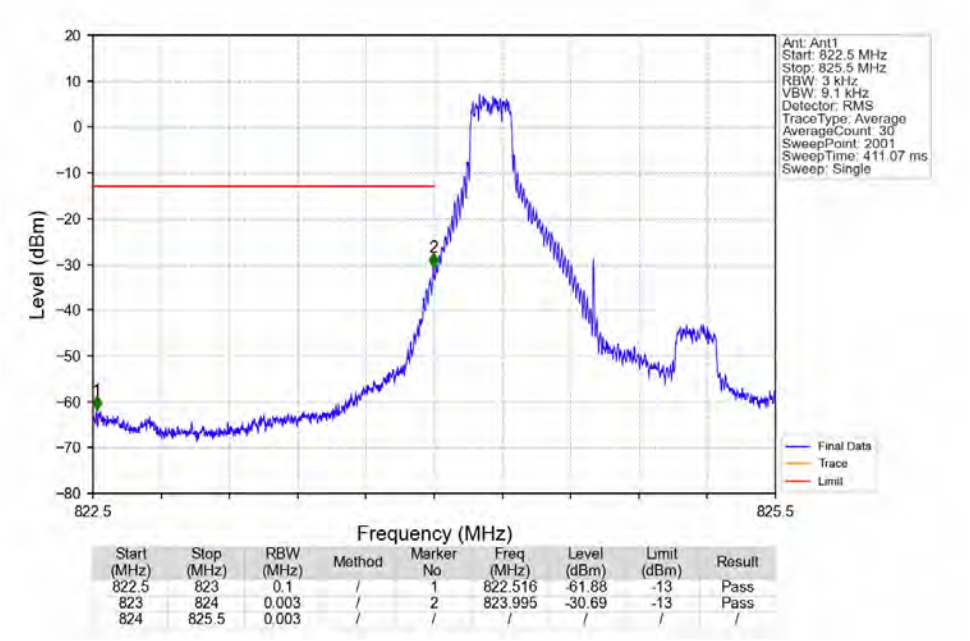
6.1 B5_1.4MHz

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

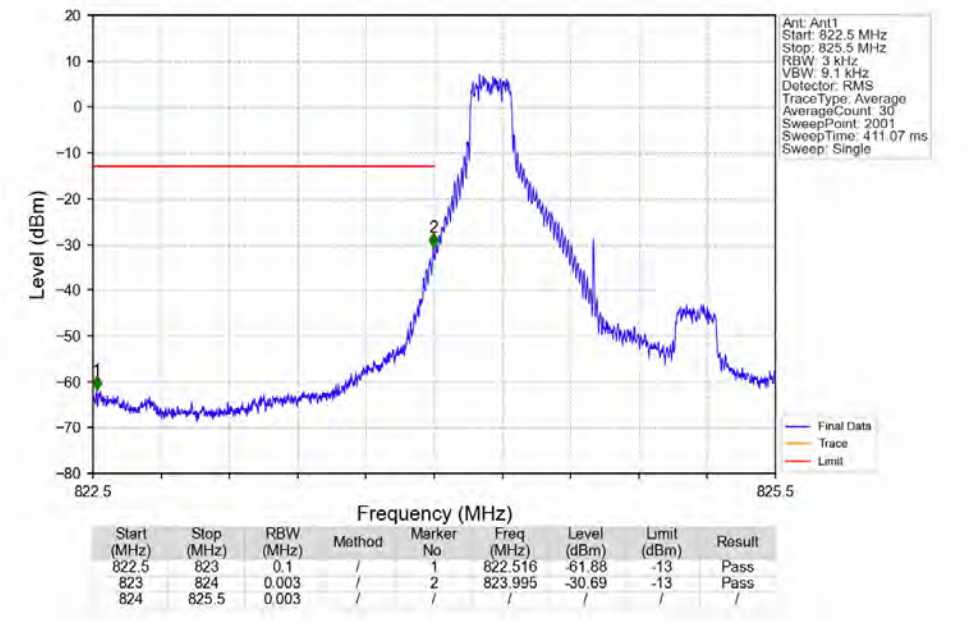
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



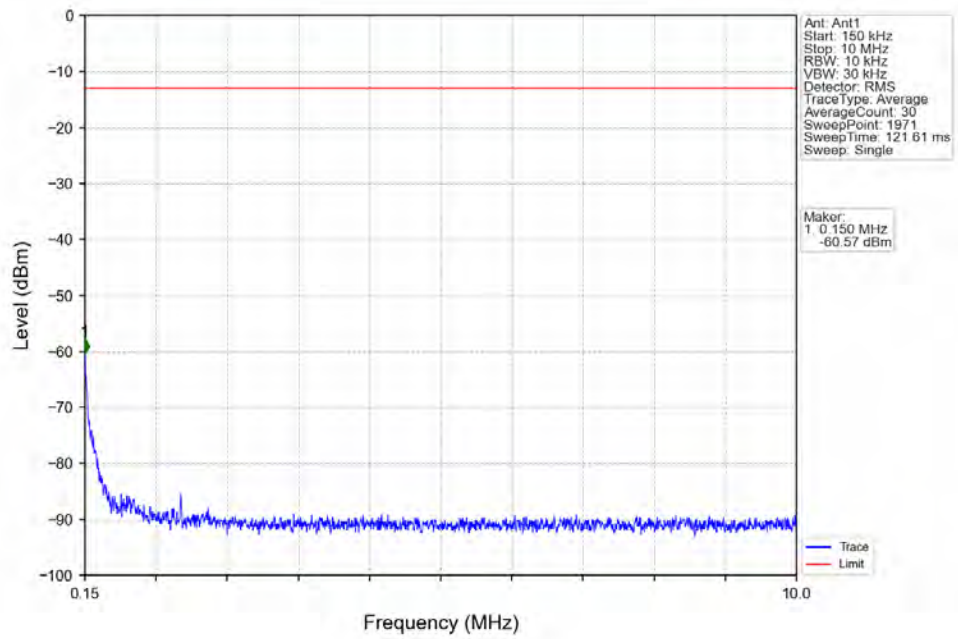
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.516	-61.88	-13	Pass
823	824	0.003	/	2	823.995	-30.69	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

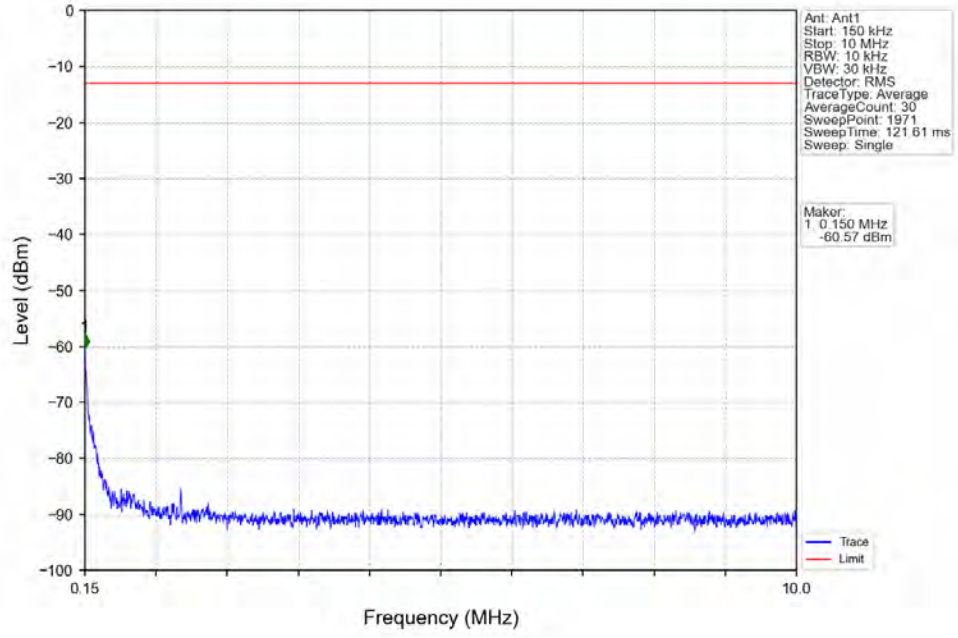


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.516	-61.88	-13	Pass
823	824	0.003	/	2	823.995	-30.69	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

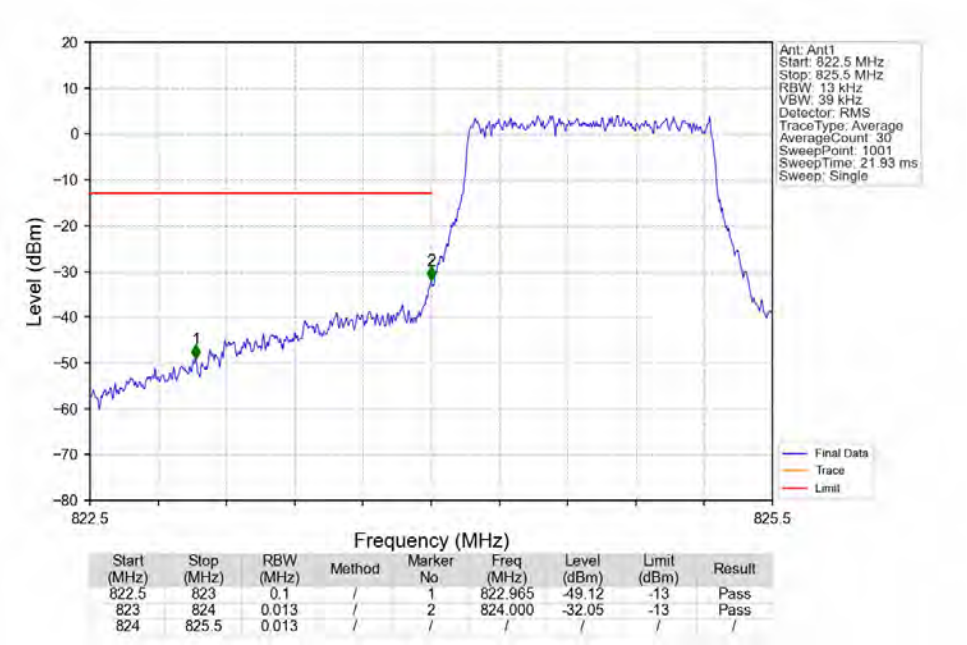
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

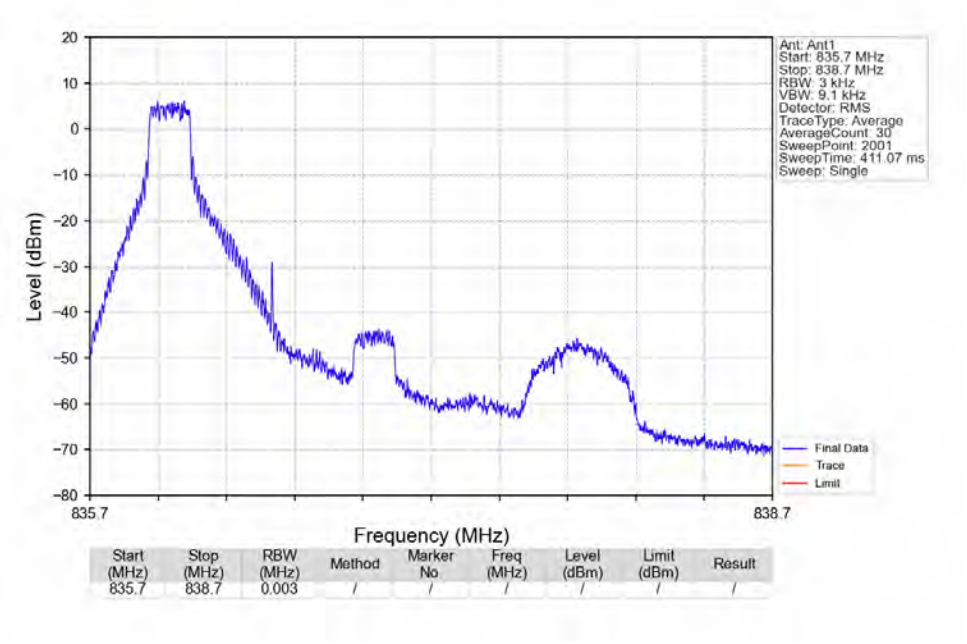


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



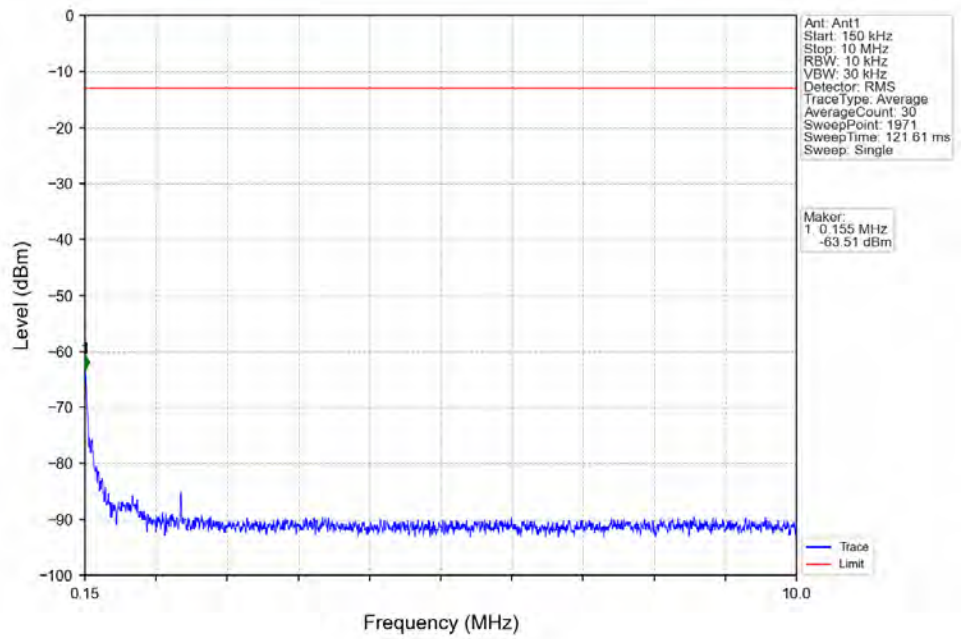
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.965	-49.12	-13	Pass
823	824	0.013	/	2	824.000	-32.05	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

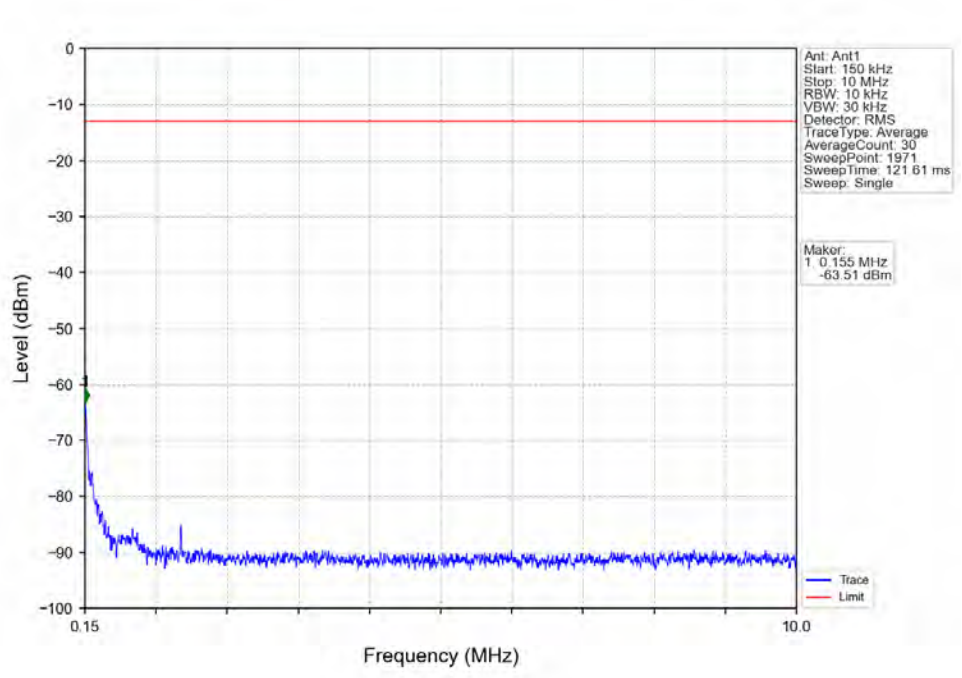


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
835.7	838.7	0.003	/	/	/	/	/	/

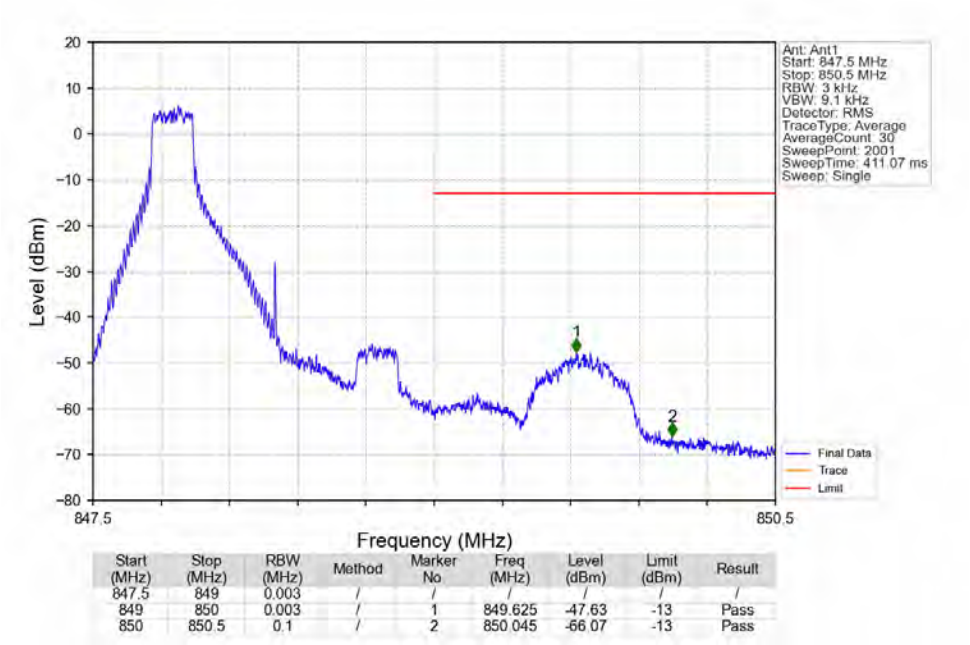
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

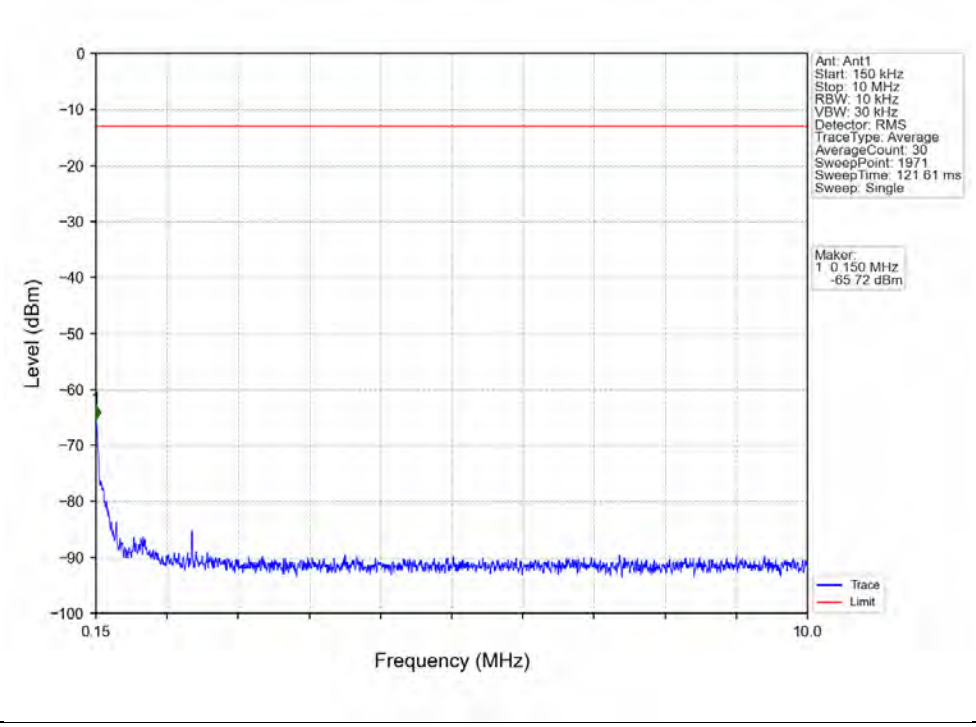


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

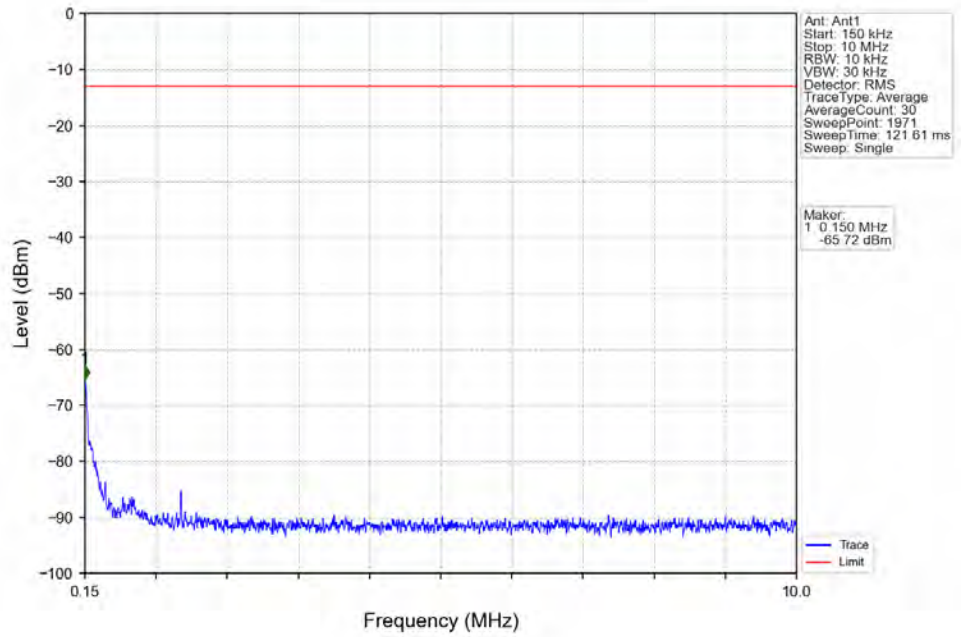


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.625	-47.63	-13	Pass
850	850.5	0.1	/	2	850.045	-66.07	-13	Pass

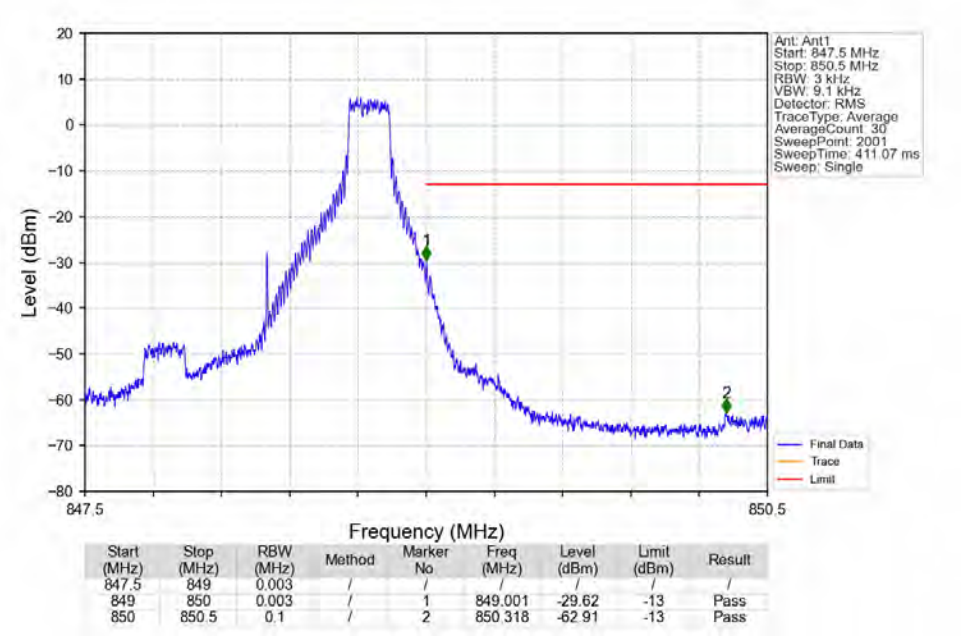
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

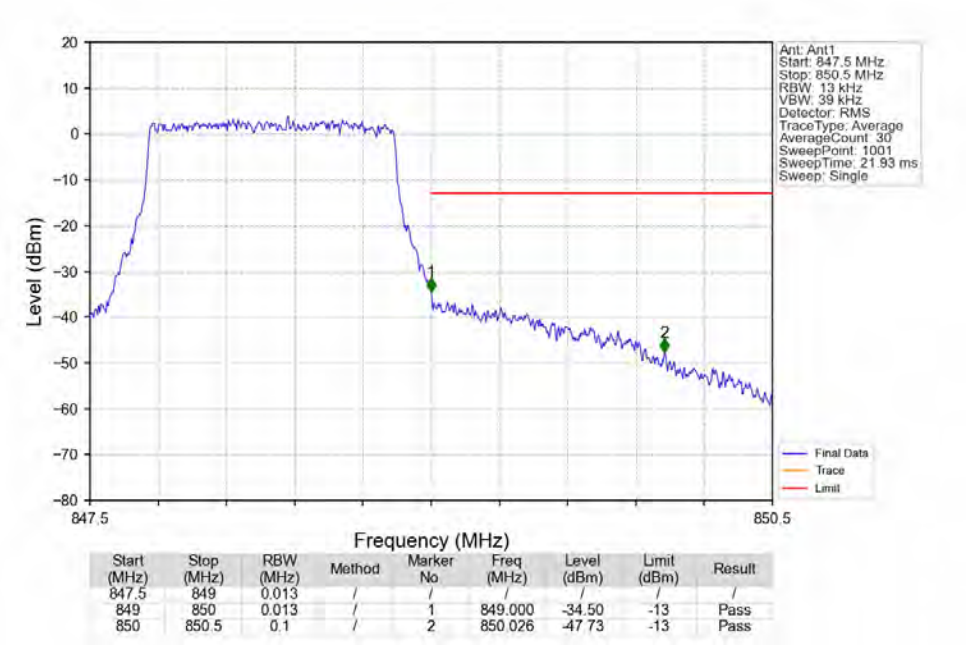


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



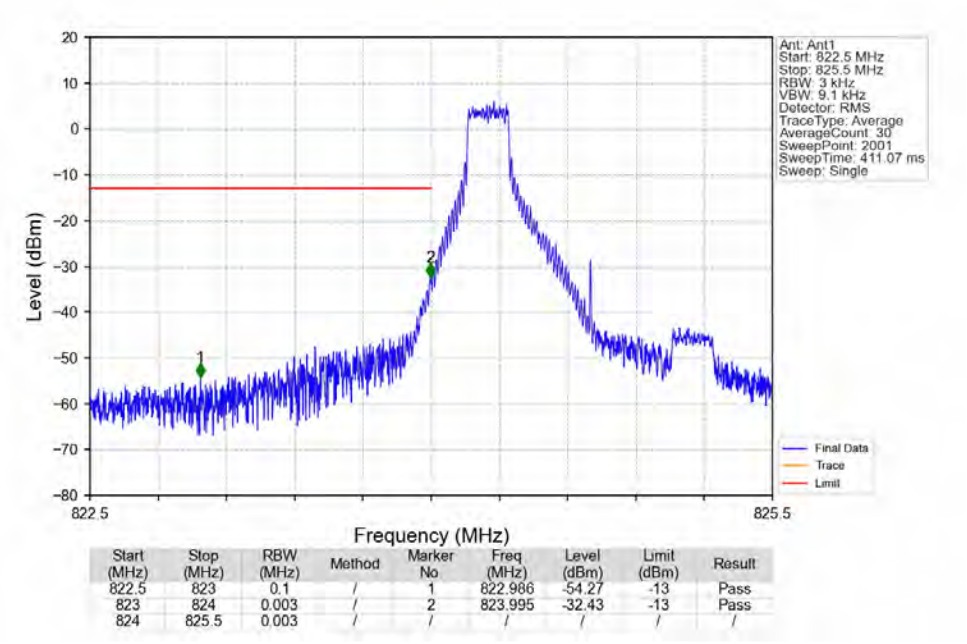
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-29.62	-13	Pass
850	850.5	0.1	/	2	850.318	-62.91	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



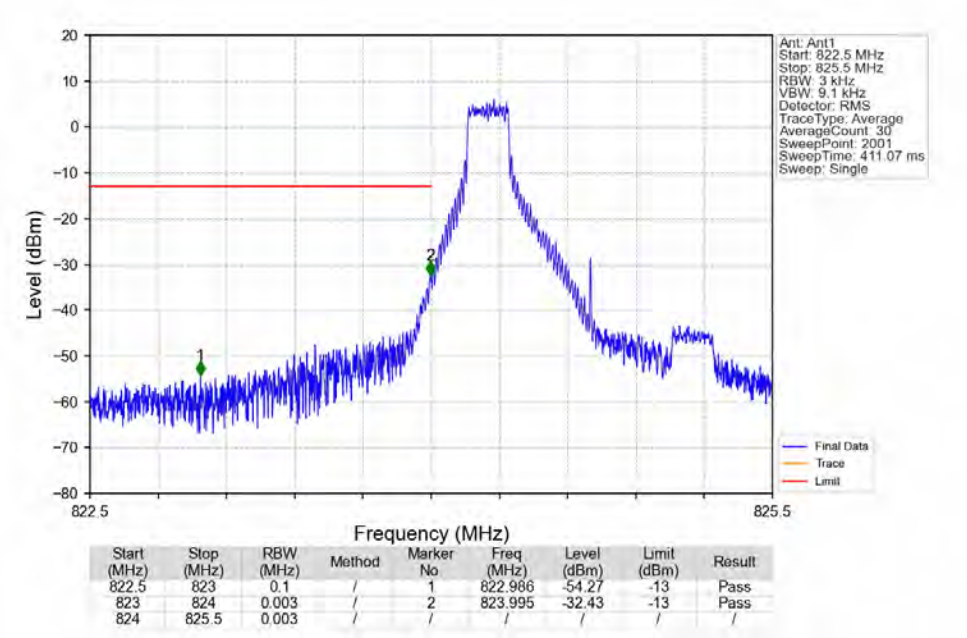
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.000	-34.50	-13	Pass
850	850.5	0.1	/	2	850.026	-47.73	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



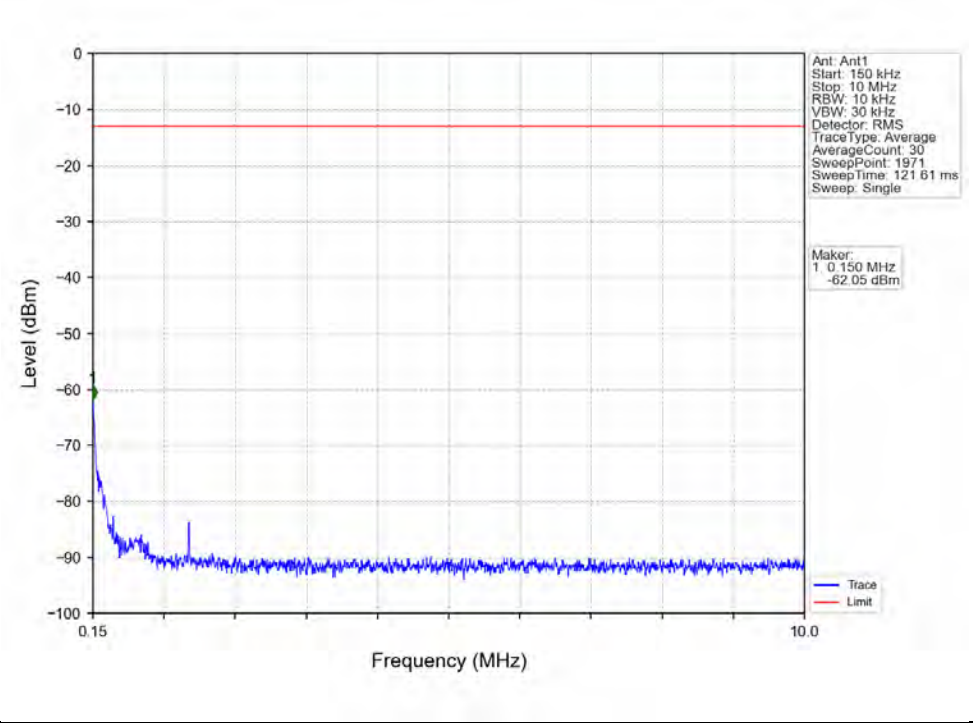
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.986	-54.27	-13	Pass
823	824	0.003	/	2	823.995	-32.43	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

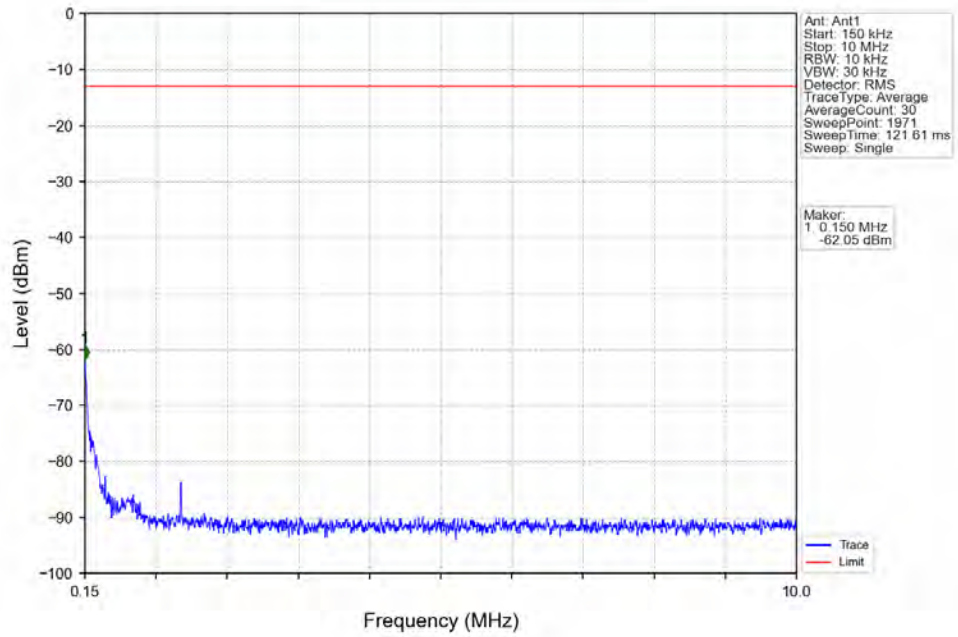


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.986	-54.27	-13	Pass
823	824	0.003	/	2	823.995	-32.43	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

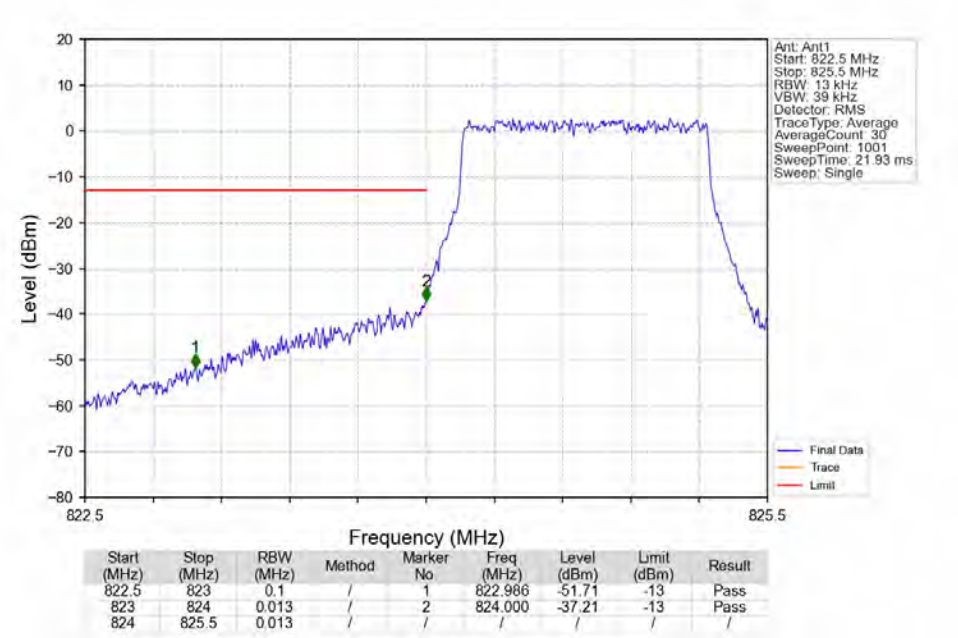
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

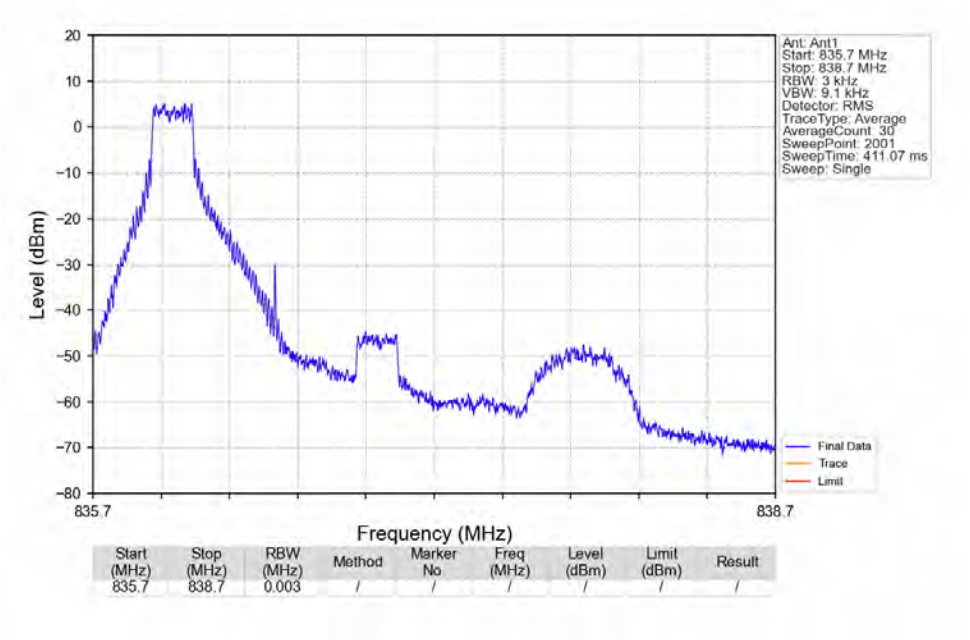


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



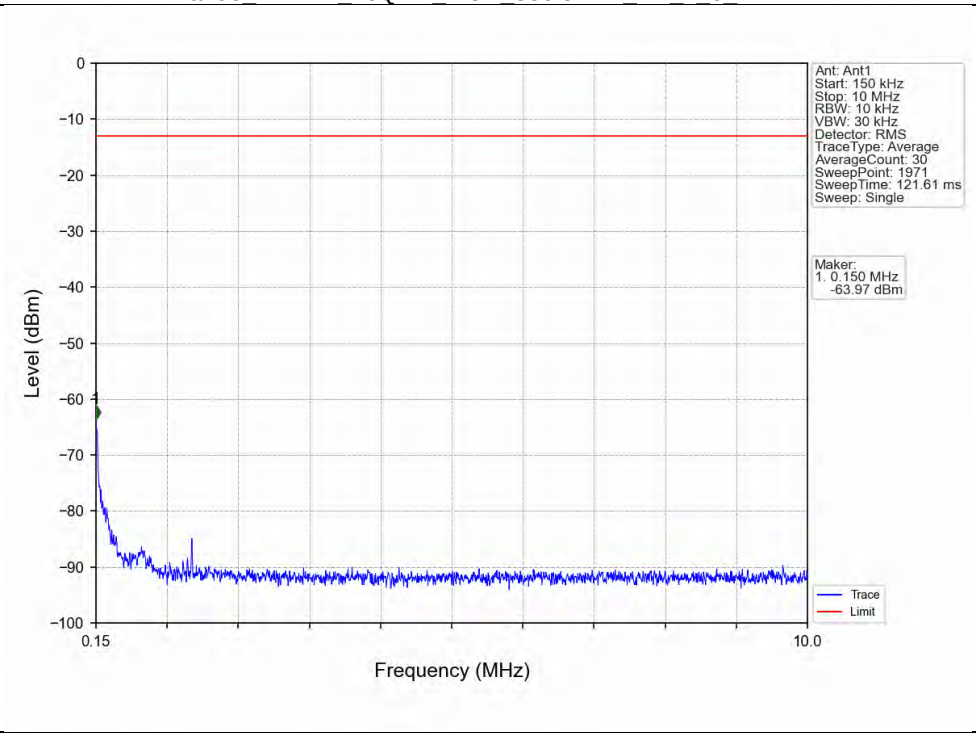
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.986	-51.71	-13	Pass
823	824	0.013	/	2	824.000	-37.21	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

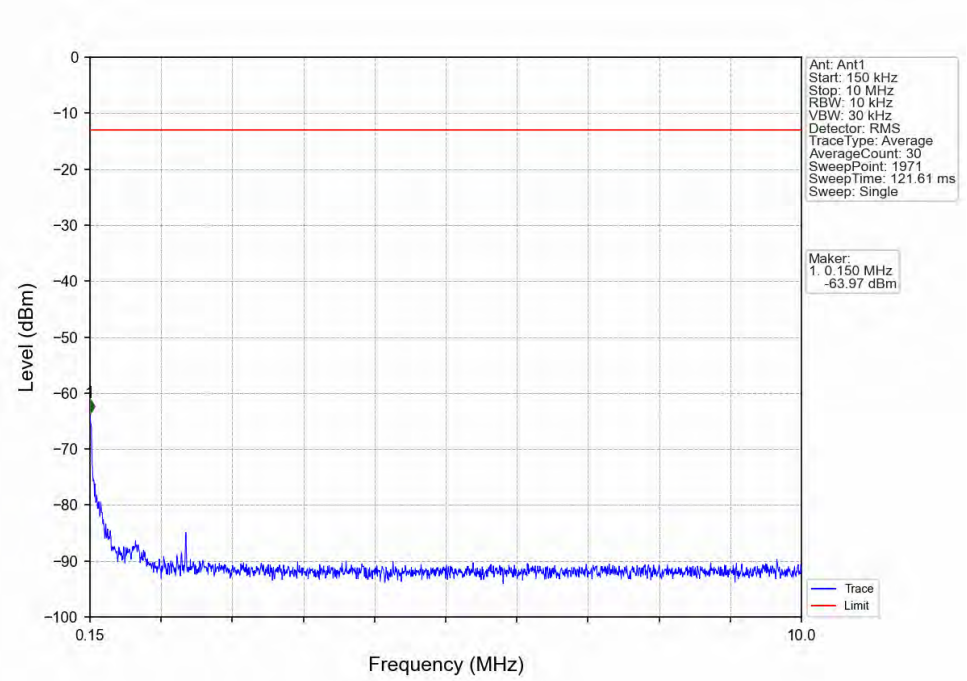


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
835.7	838.7	0.003	/	/	/	/	/	/

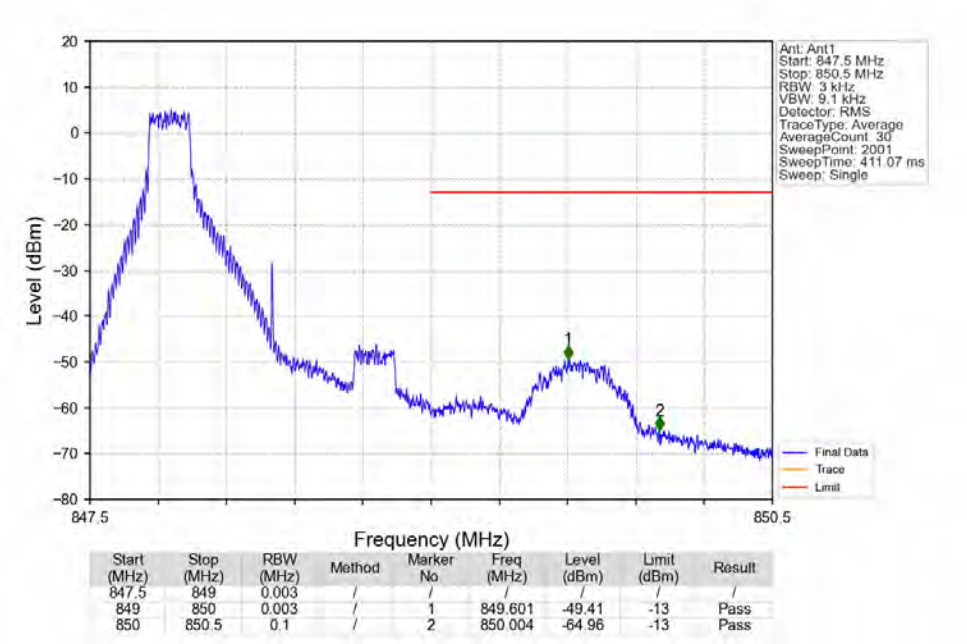
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

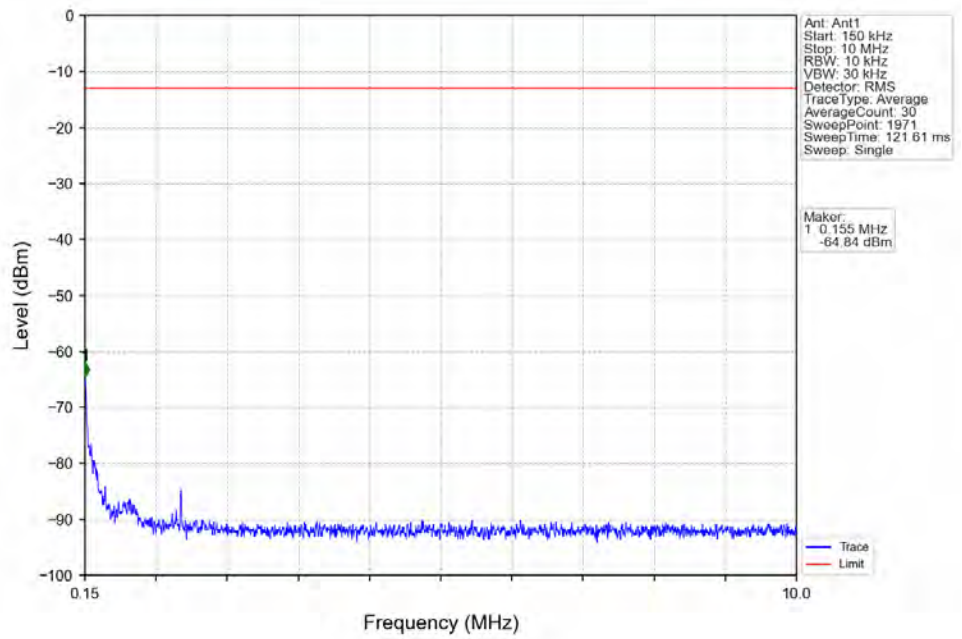


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

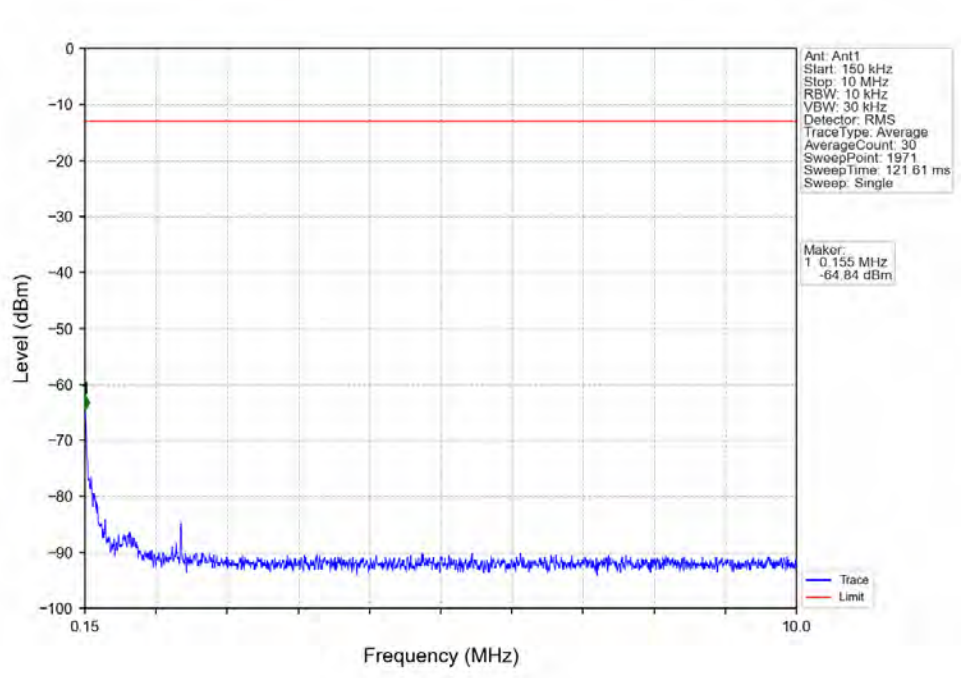


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.601	-49.41	-13	Pass
850	850.5	0.1	/	2	850.004	-64.96	-13	Pass

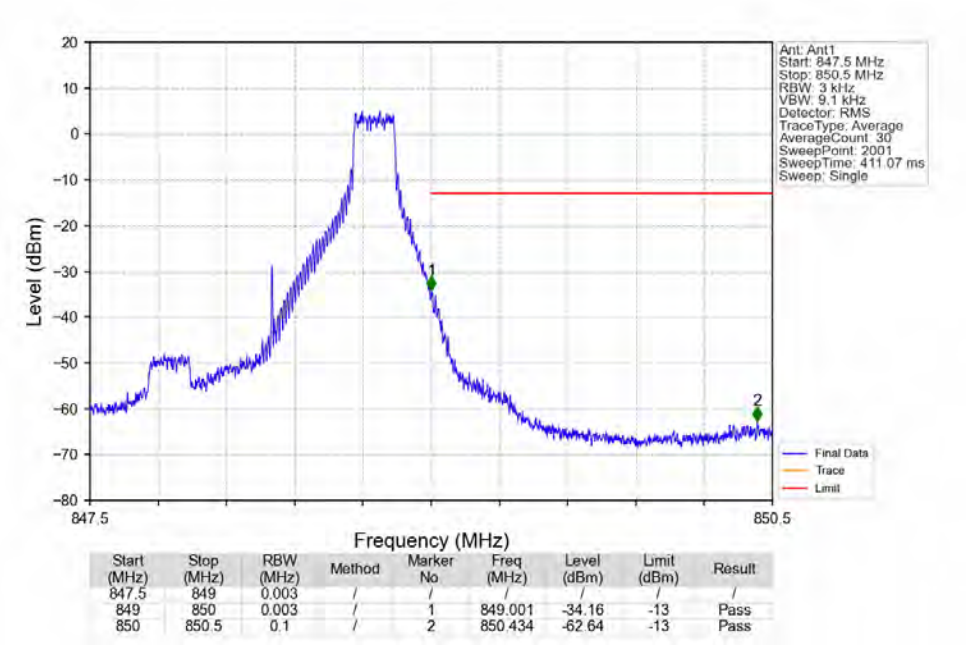
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

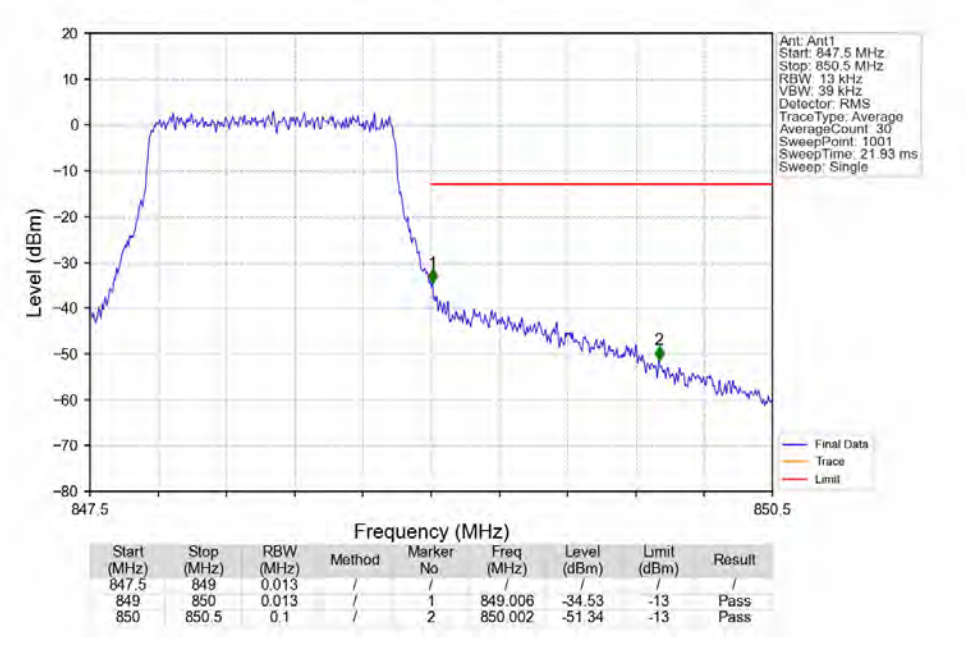


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-34.16	-13	Pass
850	850.5	0.1	/	2	850.434	-62.64	-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	849.006	-34.53	-13	Pass
850	850.5	0.1	/	2	850.002	-51.34	-13	Pass

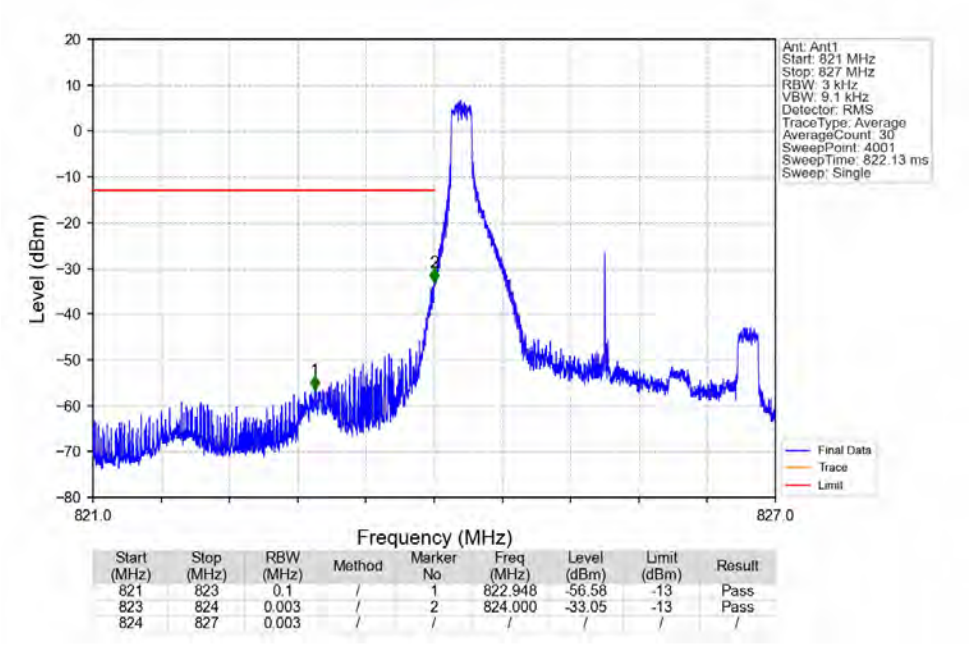
6.2 B5_3MHz

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

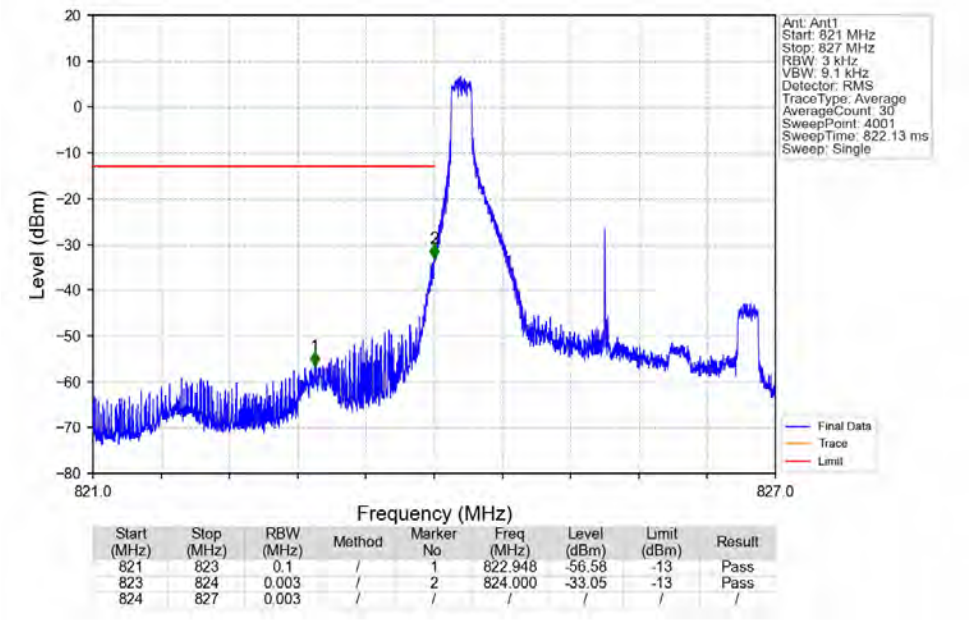
6.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



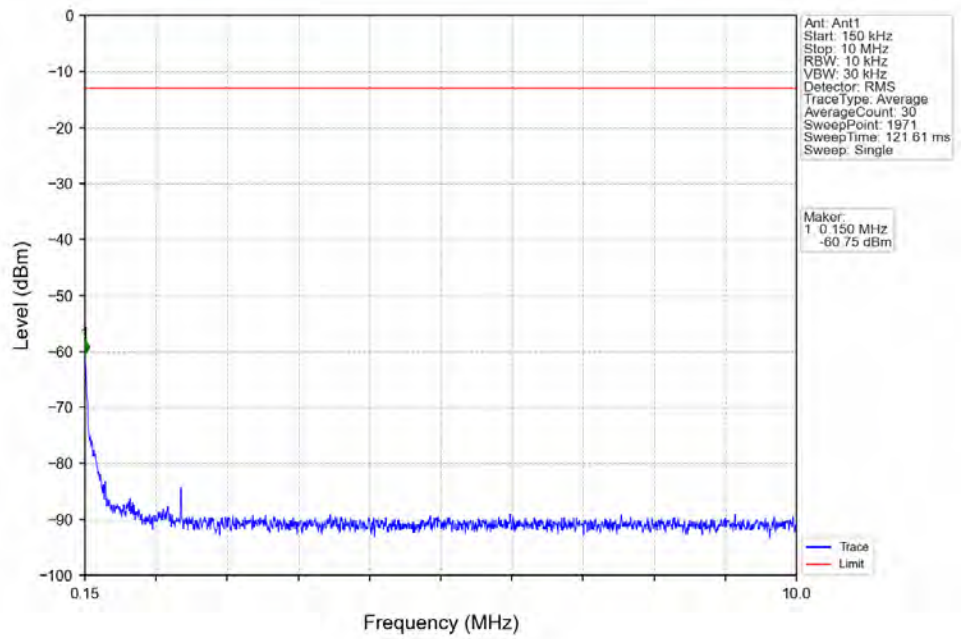
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	/	1	822.948	-56.58	-13	Pass
823	824	0.003	/	2	824.000	-33.05	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

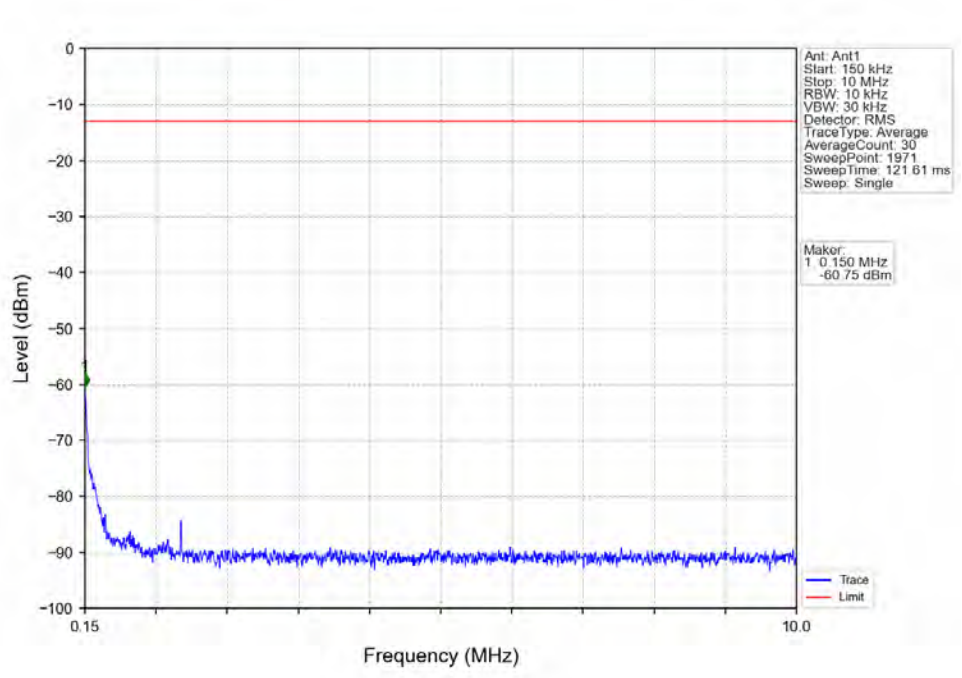


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	/	1	822.948	-56.58	-13	Pass
823	824	0.003	/	2	824.000	-33.05	-13	Pass
824	827	0.003	/	/	/	/	/	/

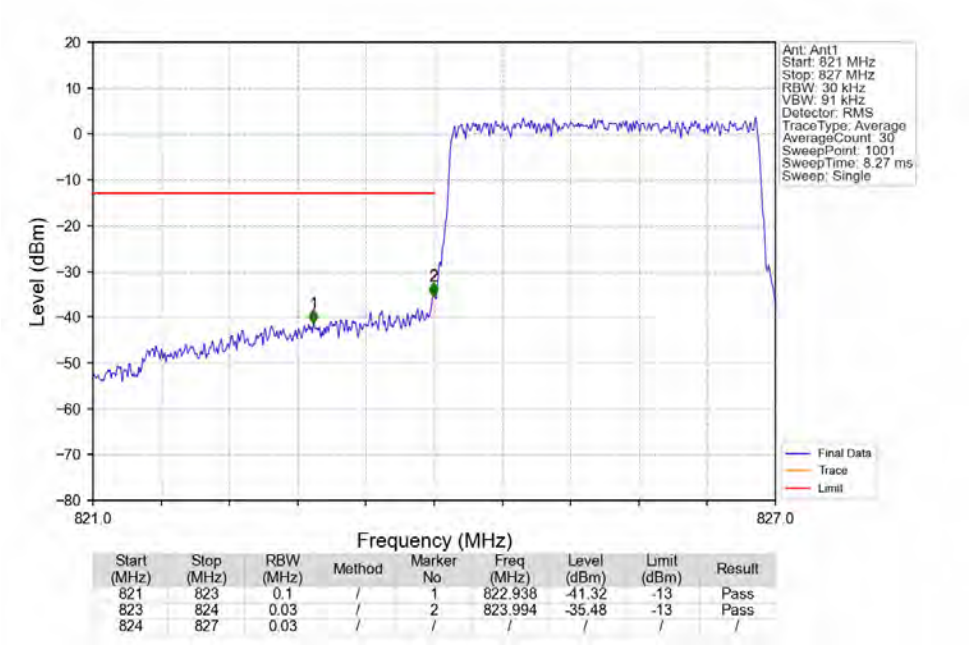
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

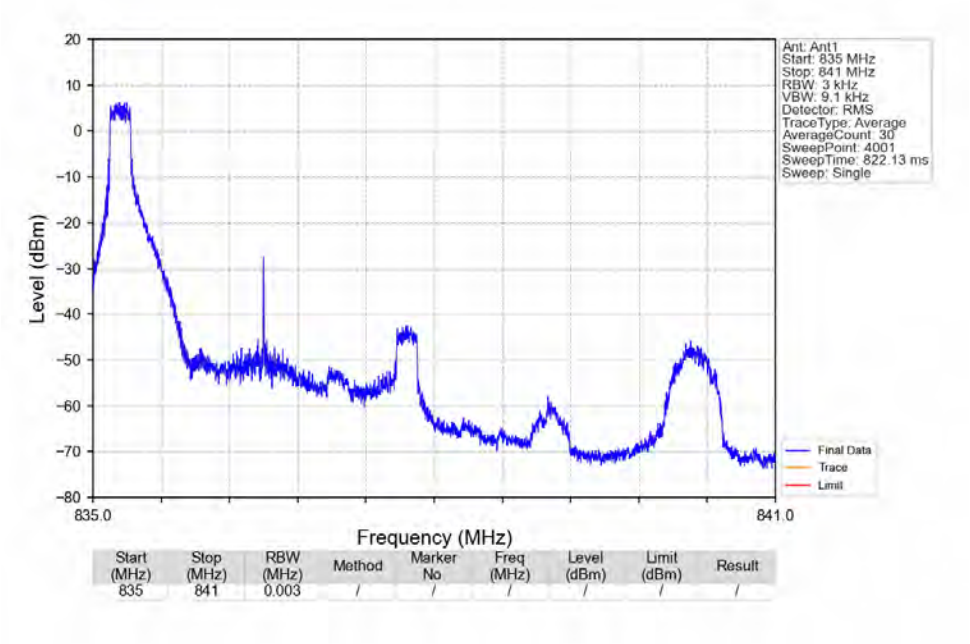


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



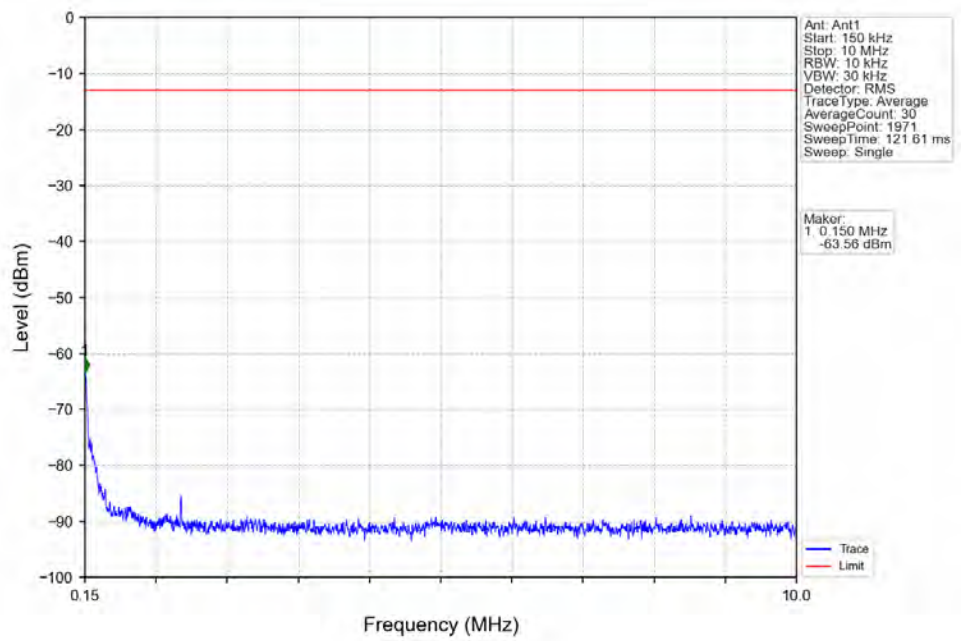
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	/	1	822.938	-41.32	-13	Pass
823	824	0.03	/	2	823.994	-35.48	-13	Pass
824	827	0.03	/	/	/	/	/	/

Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

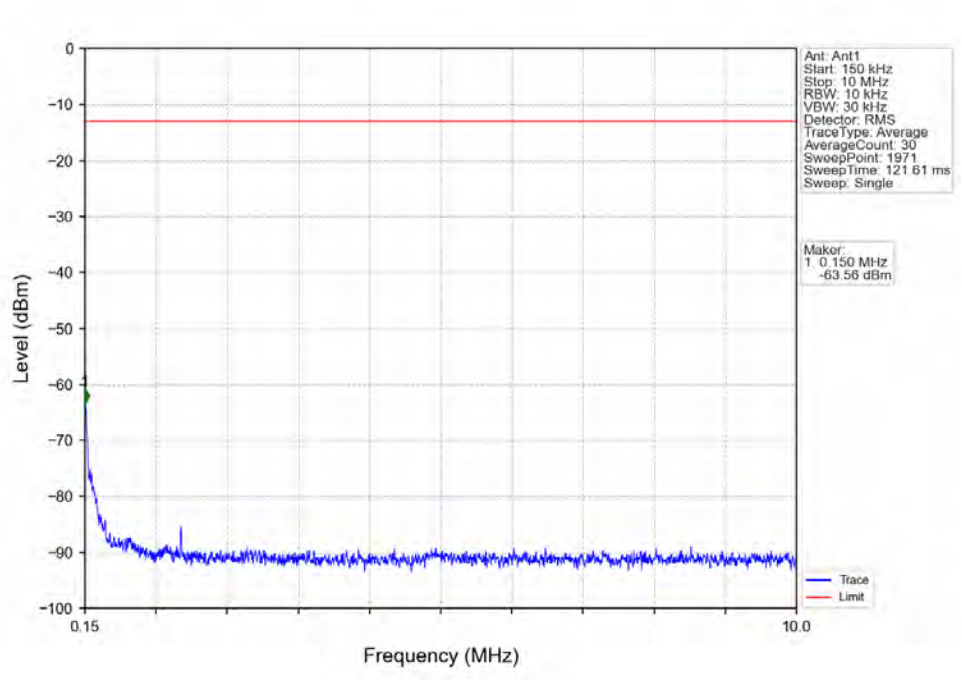


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
835	841	0.003	/	/	/	/	/	/

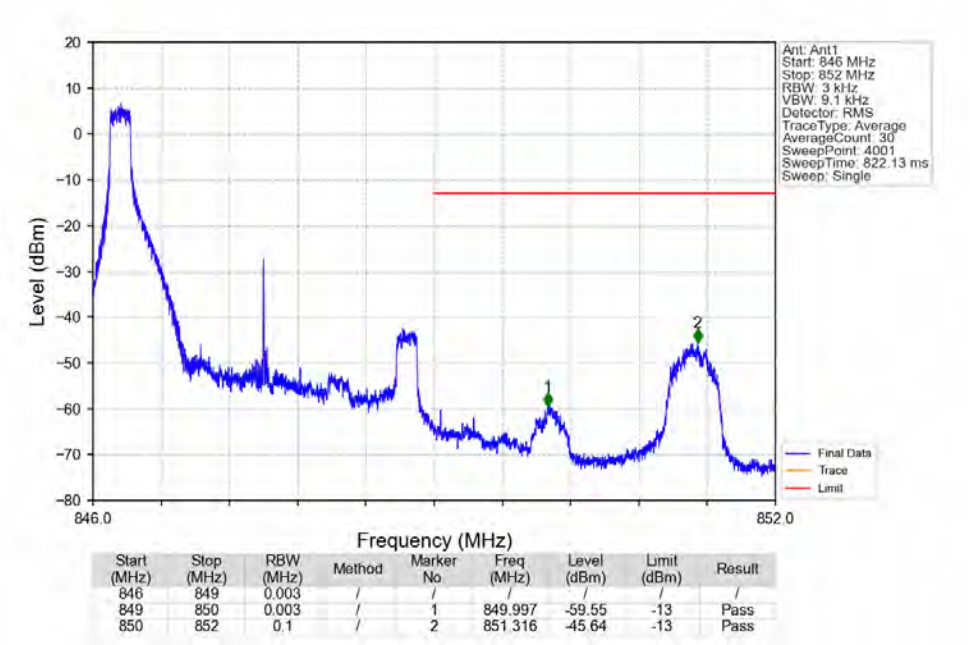
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

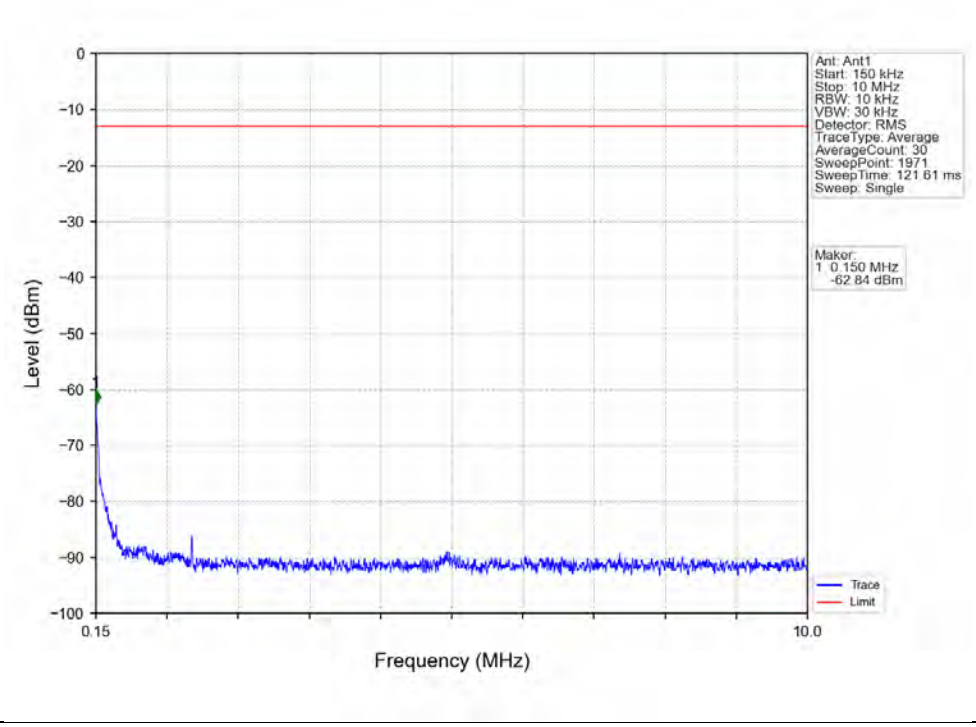


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

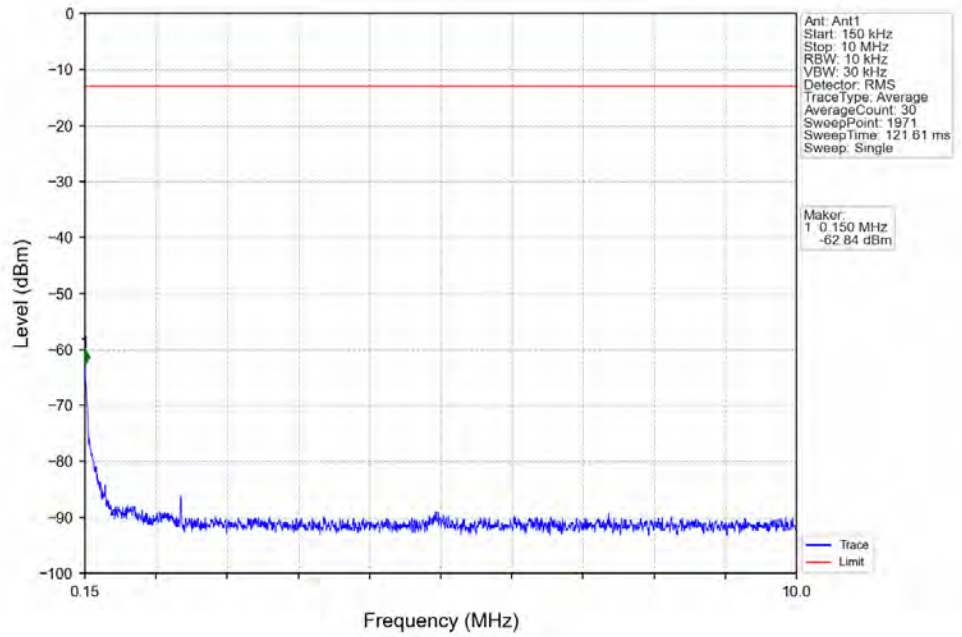


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.997	-59.55	-13	Pass
850	852	0.1	/	2	851.316	-45.64	-13	Pass

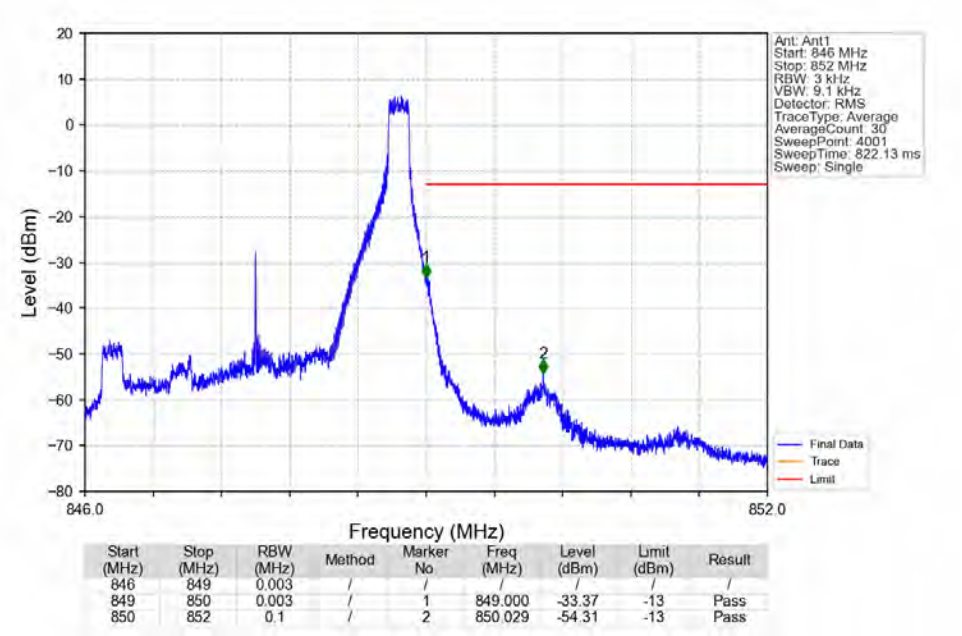
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

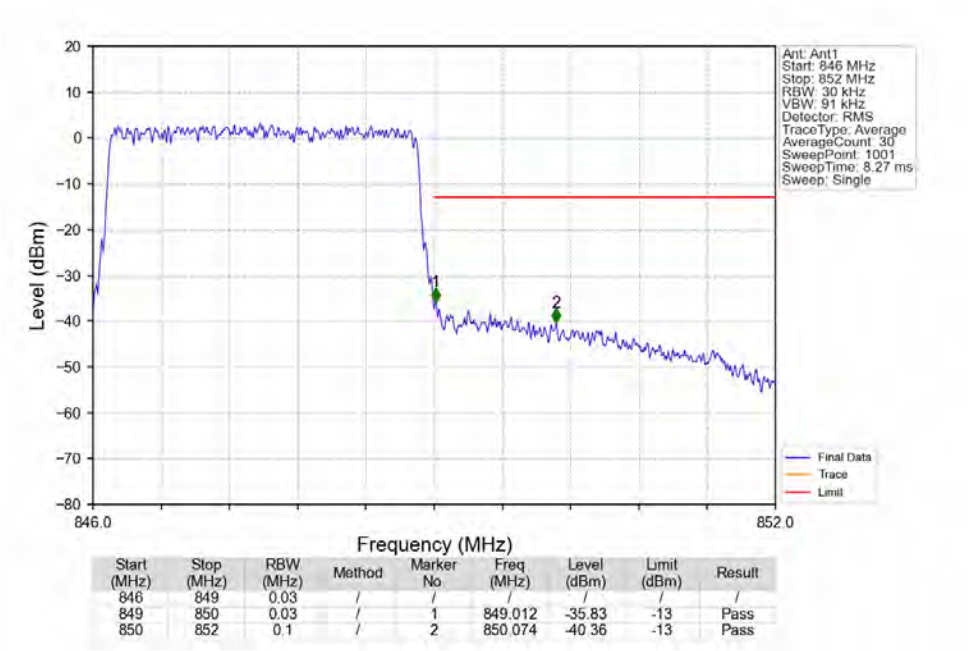


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



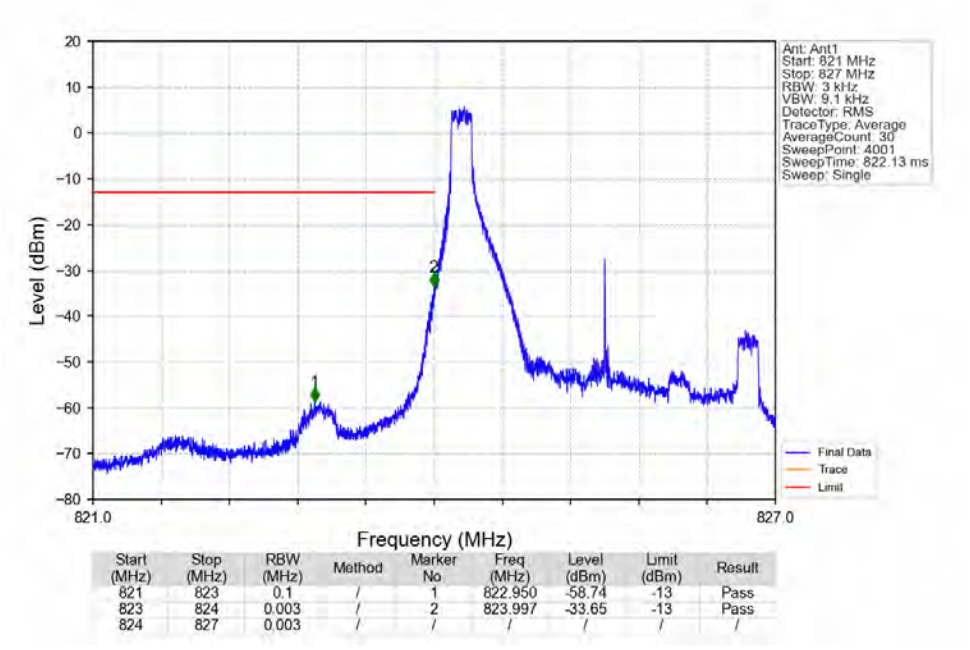
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-33.37	-13	Pass
850	852	0.1	/	2	850.029	-54.31	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



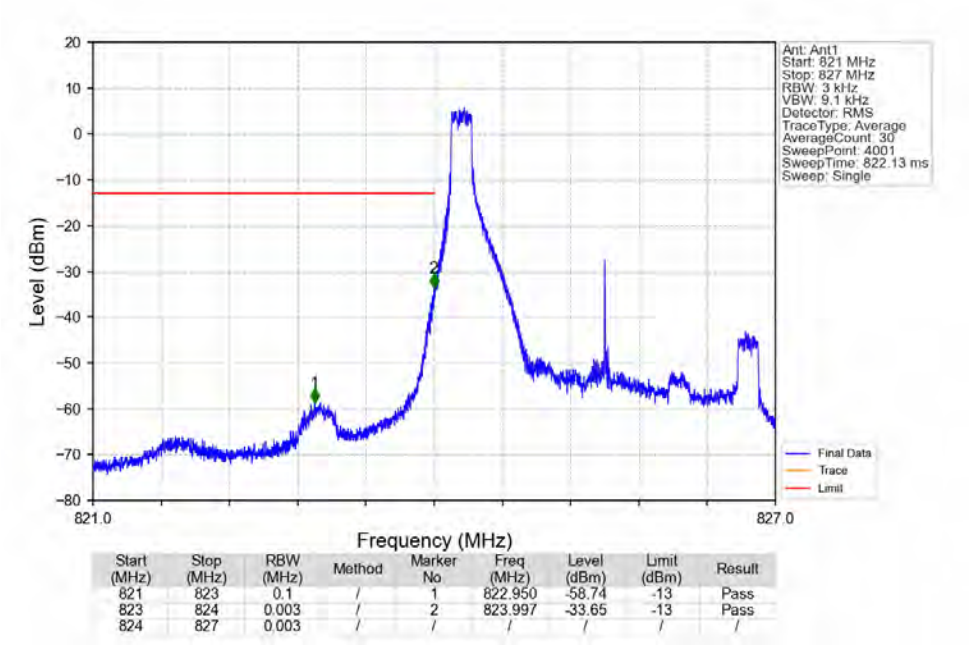
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.012	-35.83	-13	Pass
850	852	0.1	/	2	850.074	-40.36	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



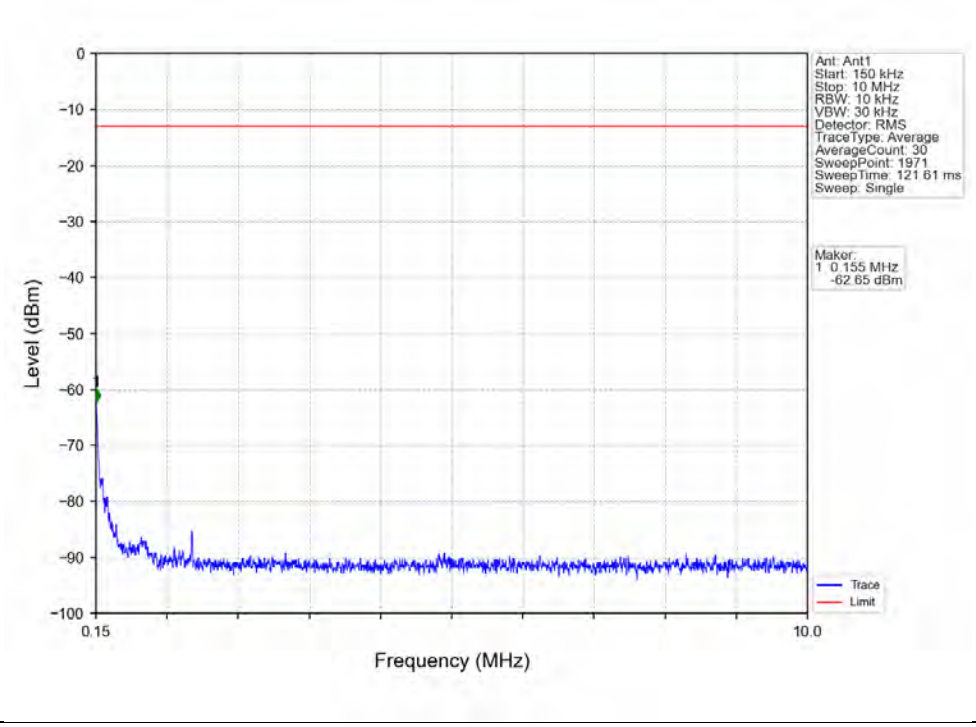
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	/	1	822.950	-58.74	-13	Pass
823	824	0.003	/	2	823.997	-33.65	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

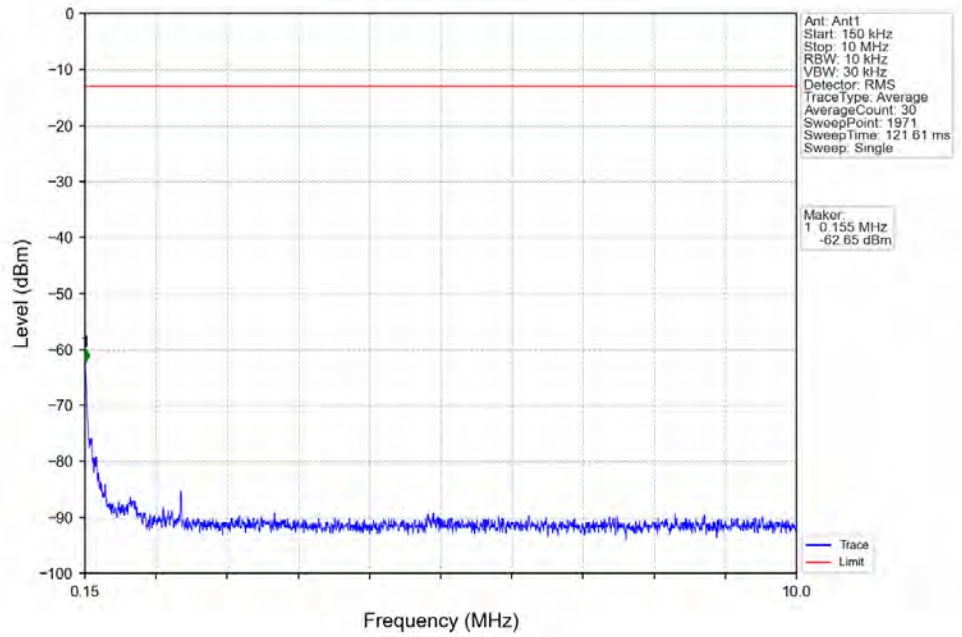


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	/	1	822.950	-58.74	-13	Pass
823	824	0.003	/	2	823.997	-33.65	-13	Pass
824	827	0.003	/	/	/	/	/	/

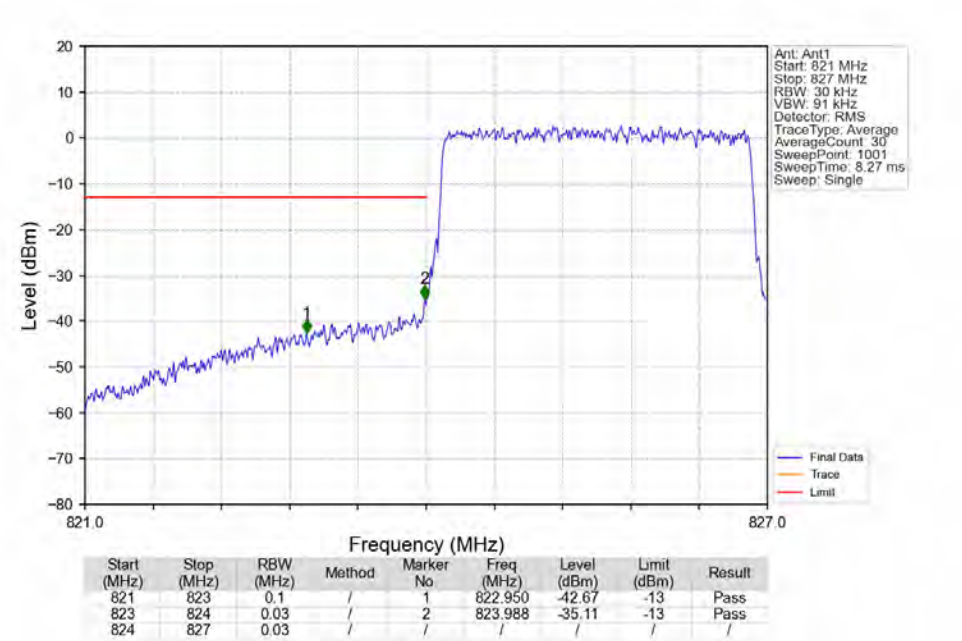
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

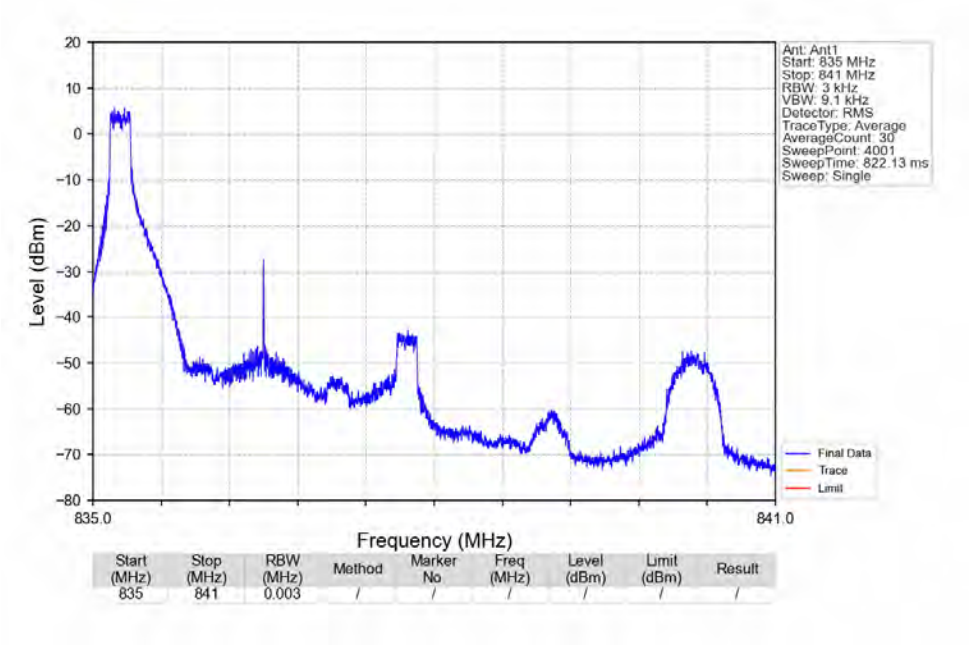


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



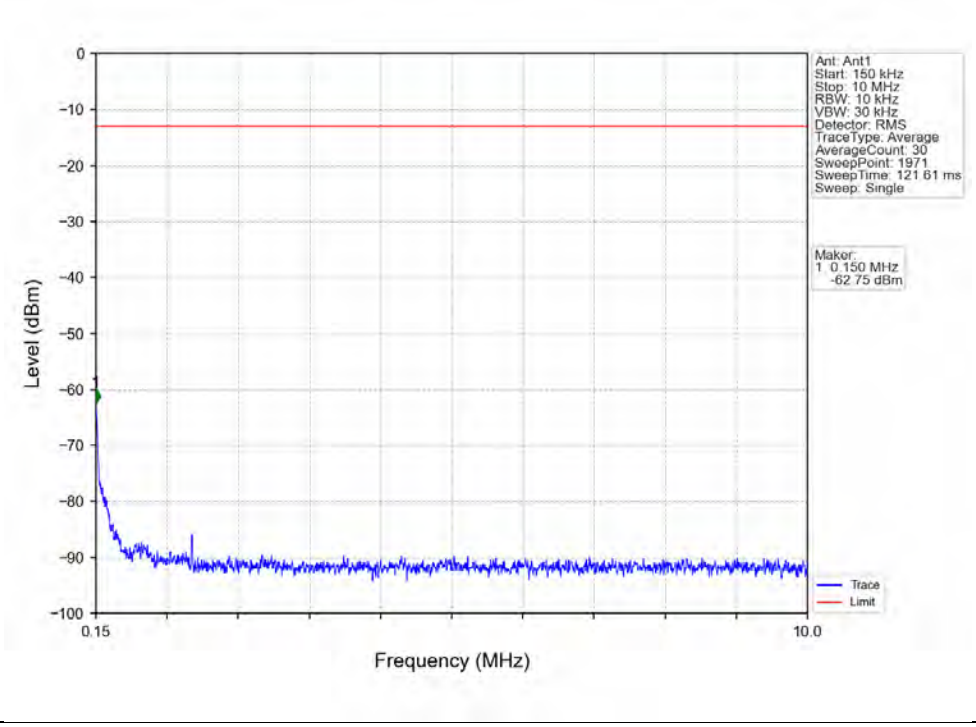
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	/	1	822.950	-42.67	-13	Pass
823	824	0.03	/	2	823.988	-35.11	-13	Pass
824	827	0.03	/	/	/	/	/	/

Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

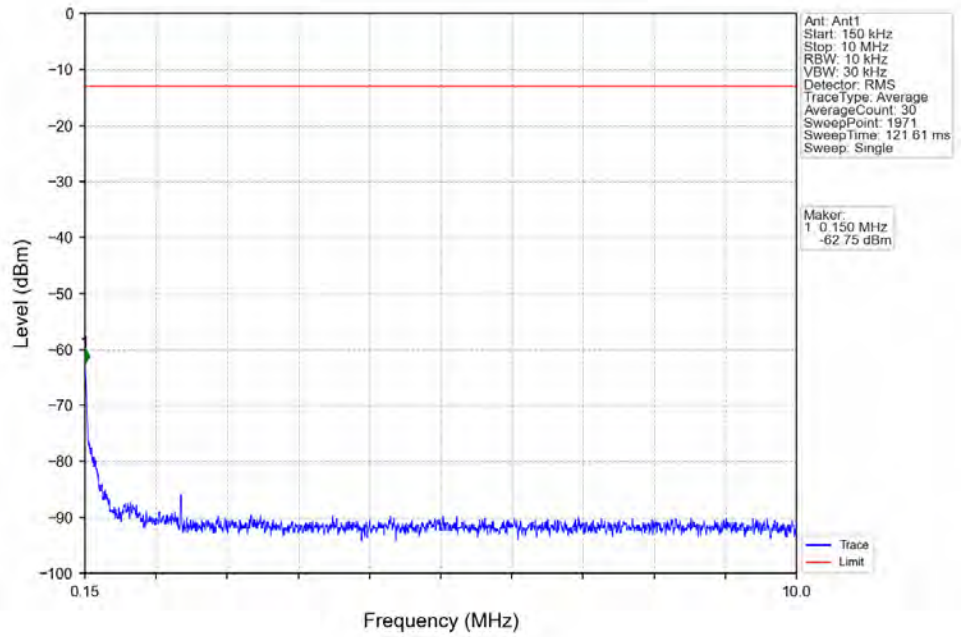


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
835	841	0.003	/	/	/	/	/	/

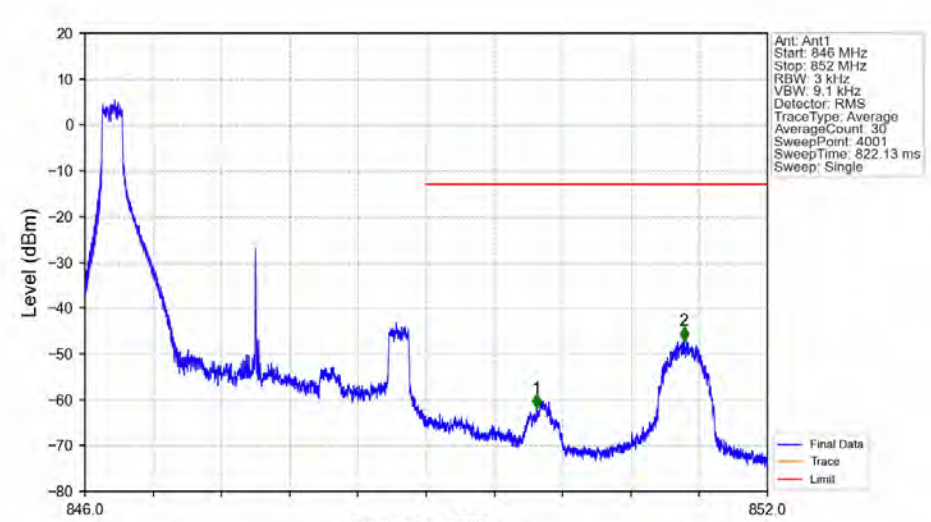
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

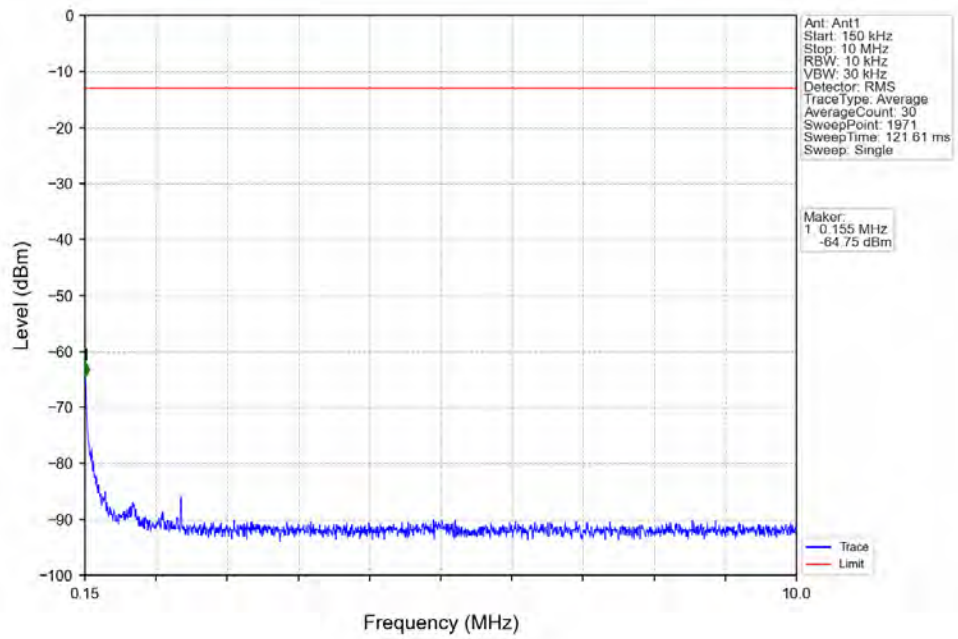


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

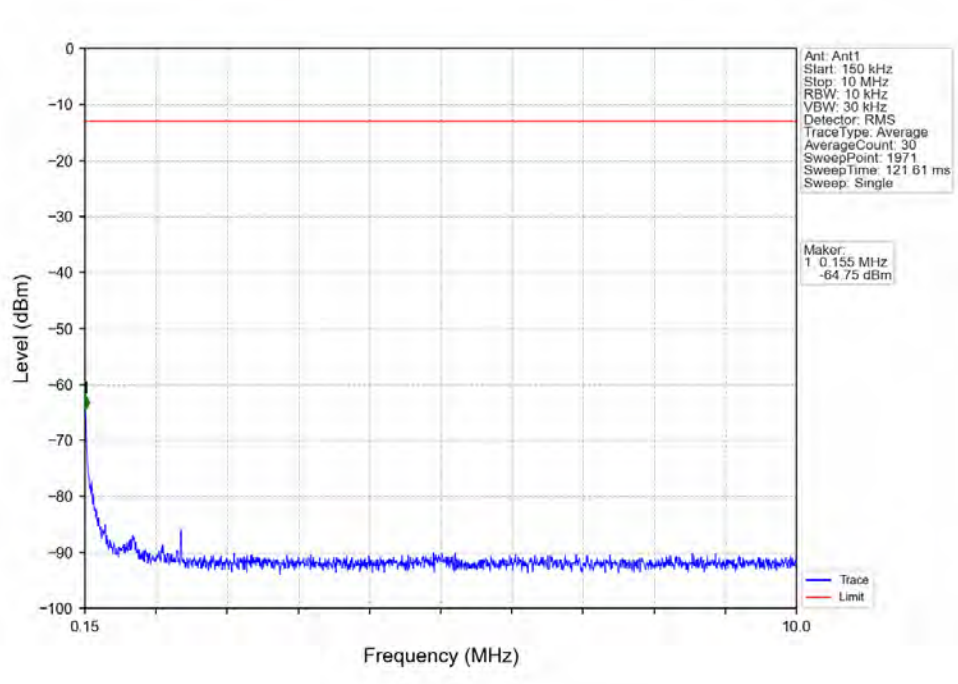


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.972	-61.90	-13	Pass
850	852	0.1	/	2	851.266	-47.13	-13	Pass

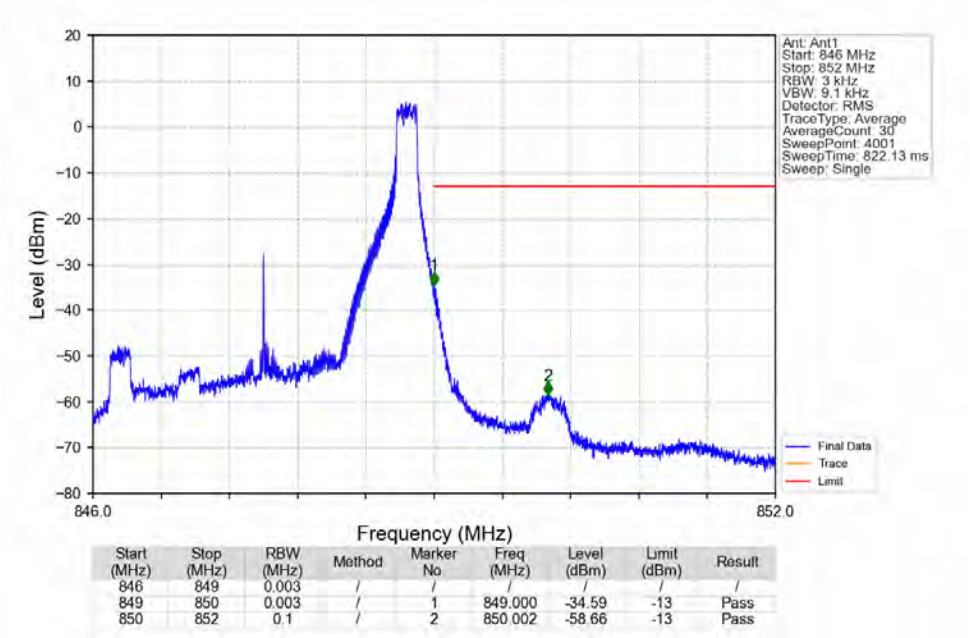
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

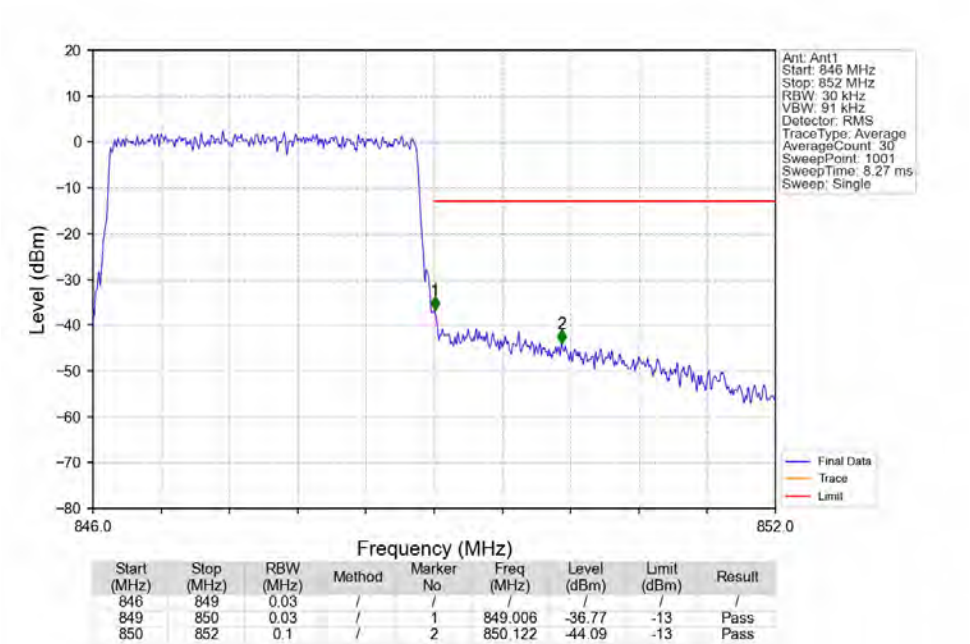


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-34.59	-13	Pass
850	852	0.1	/	2	850.002	-58.66	-13	Pass

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-36.77	-13	Pass
850	852	0.1	/	2	850.122	-44.09	-13	Pass

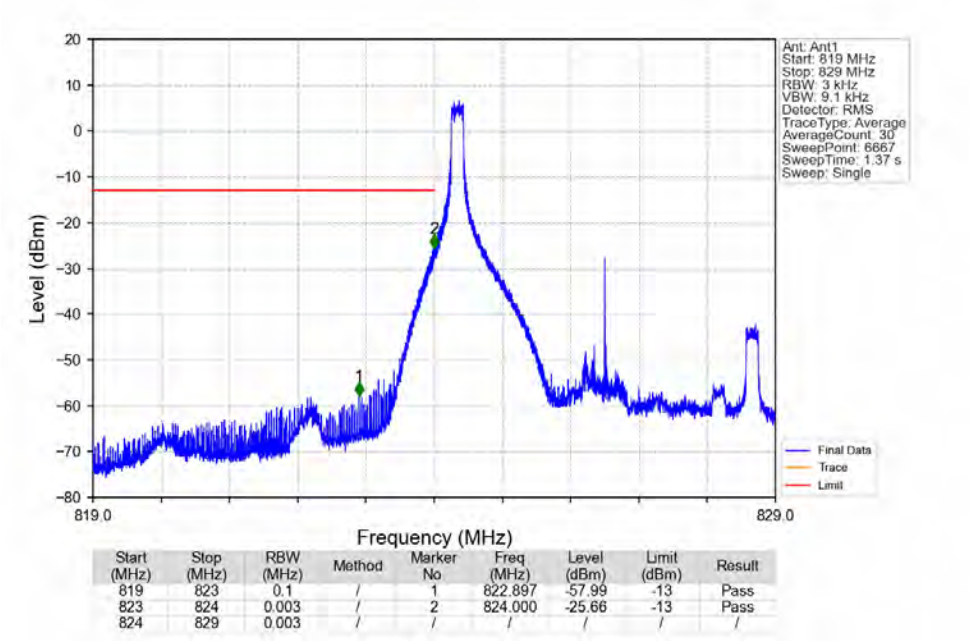
6.3 B5_5MHz

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

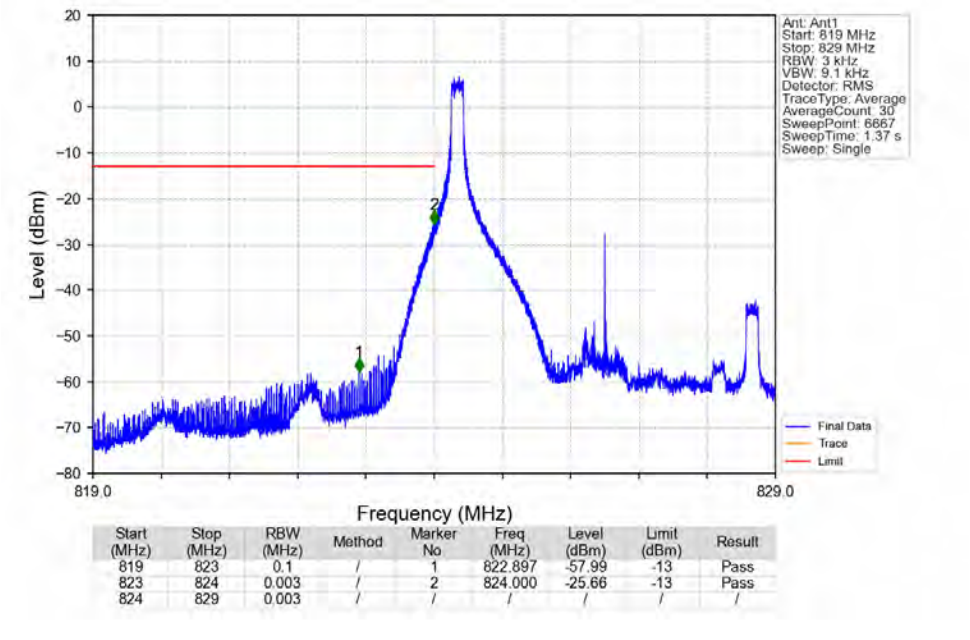
6.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



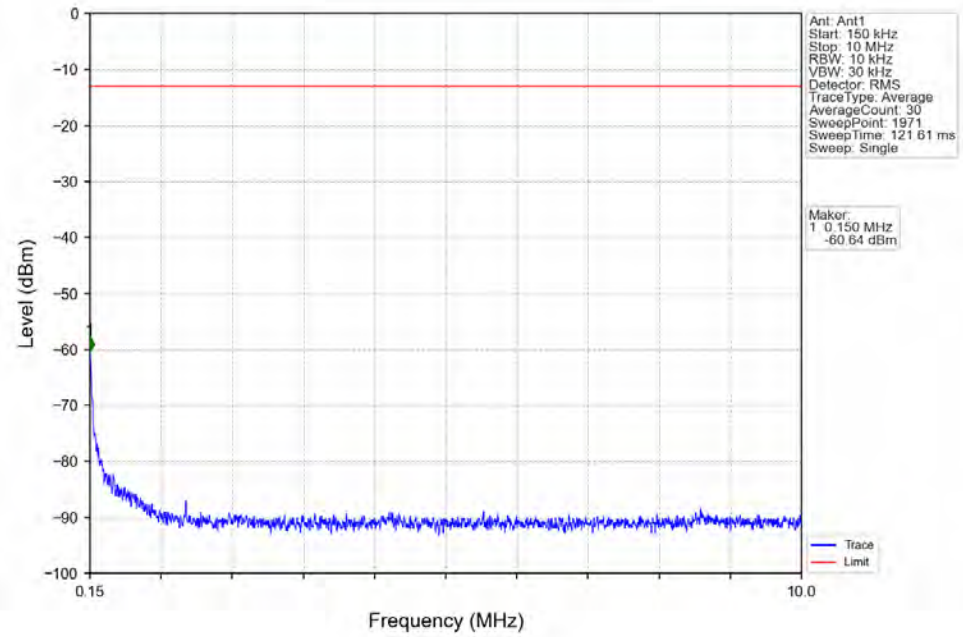
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.897	-57.99	-13	Pass
823	824	0.003	/	2	824.000	-25.66	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

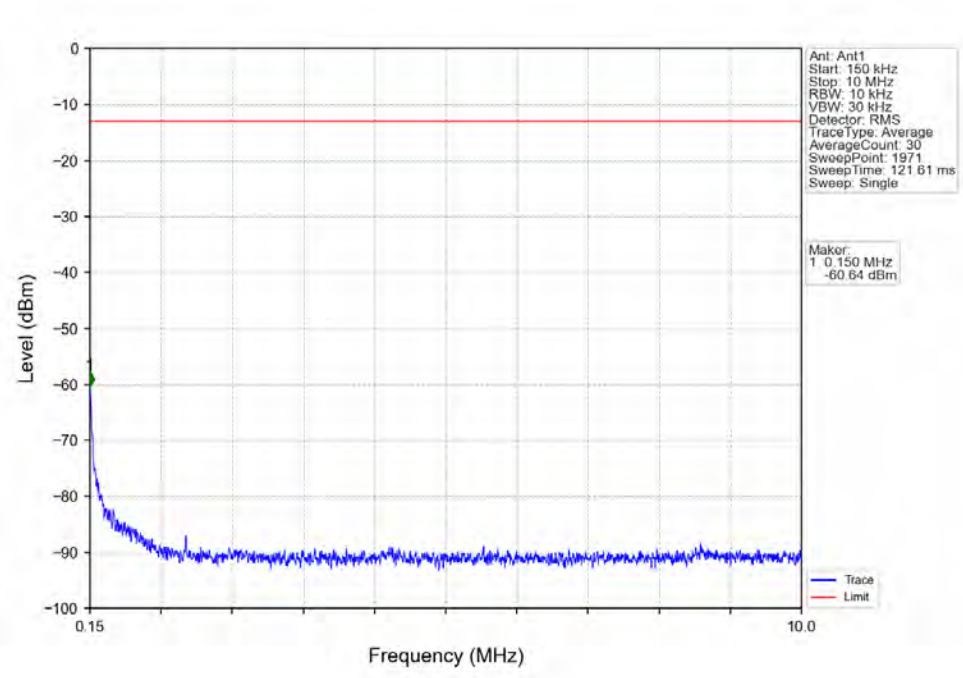


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.897	-57.99	-13	Pass
823	824	0.003	/	2	824.000	-25.66	-13	Pass
824	829	0.003	/	/	/	/	/	/

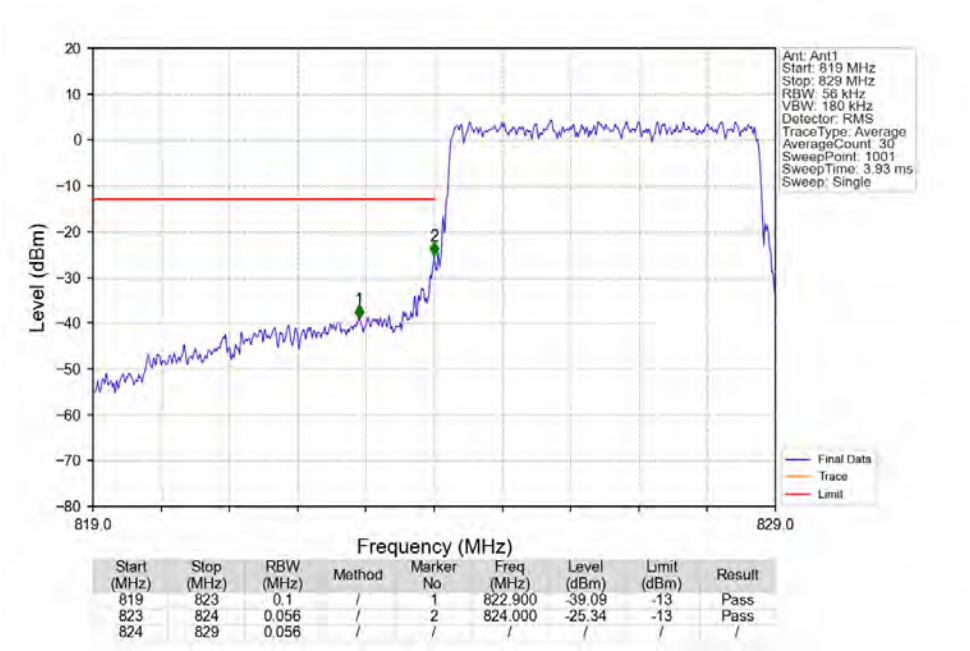
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

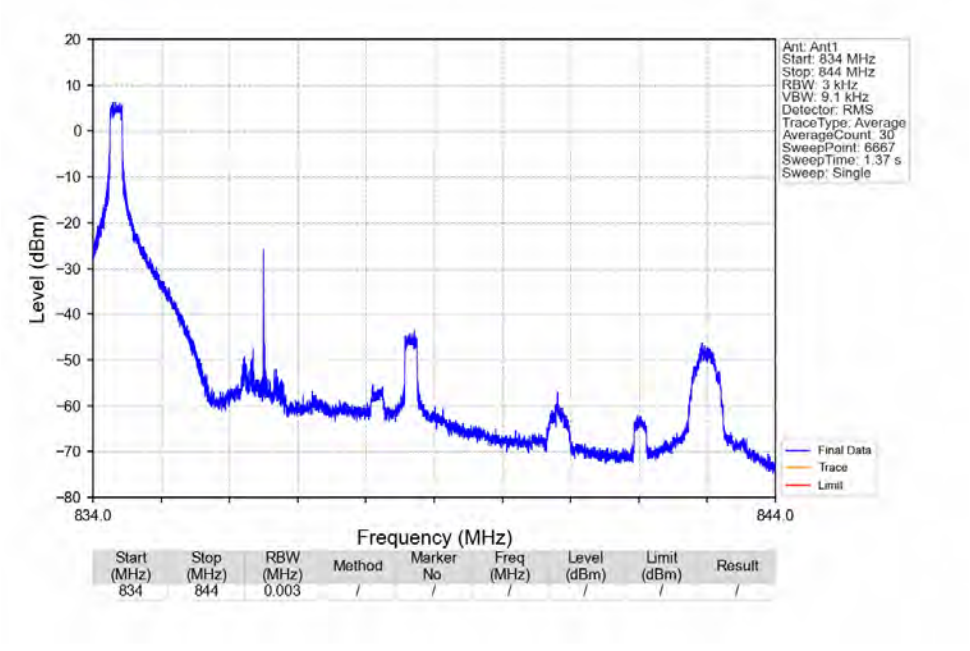


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



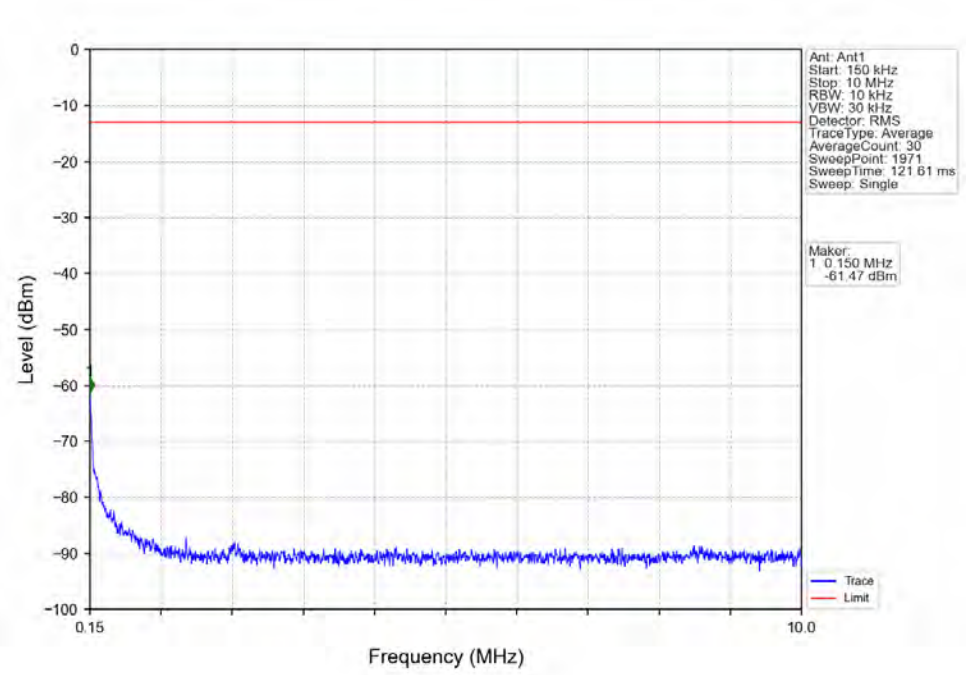
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.900	-39.09	-13	Pass
823	824	0.056	/	2	824.000	-25.34	-13	Pass
824	829	0.056	/	/	/	/	/	/

Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

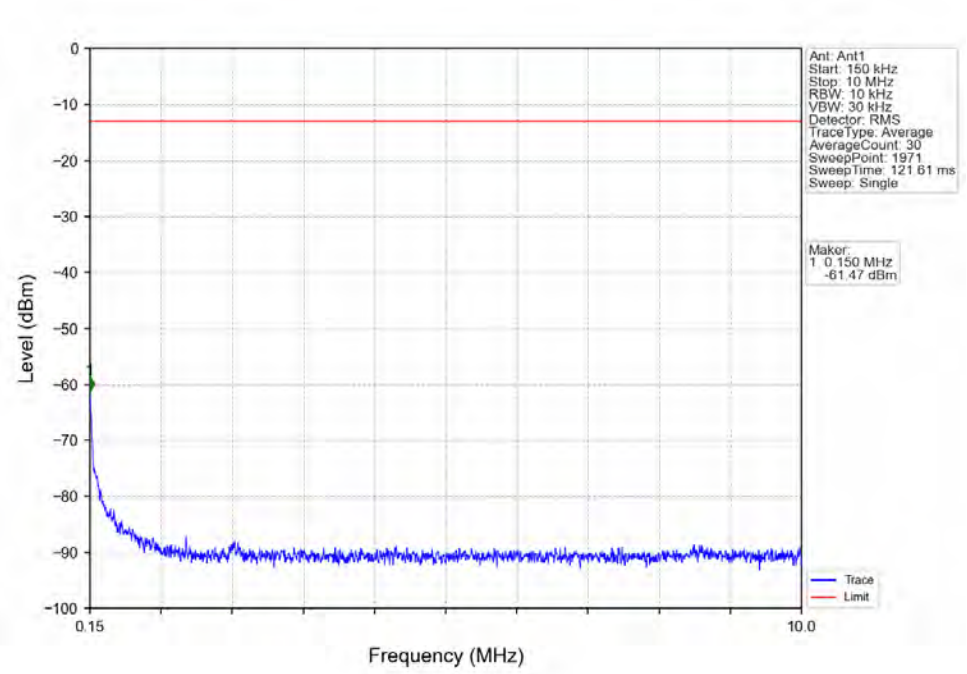


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	844	0.003	/	/	/	/	/	/

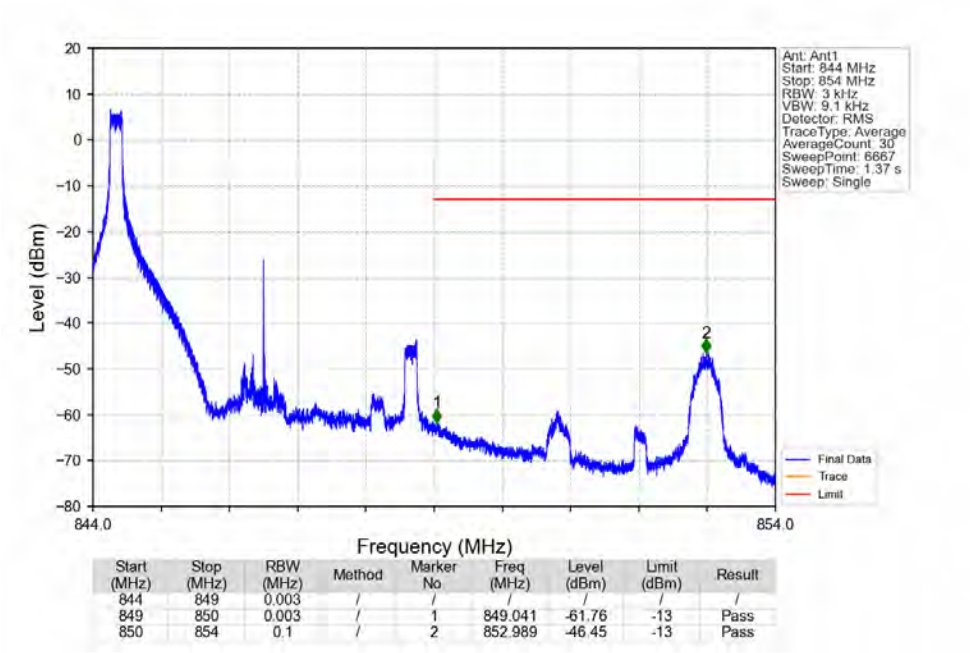
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

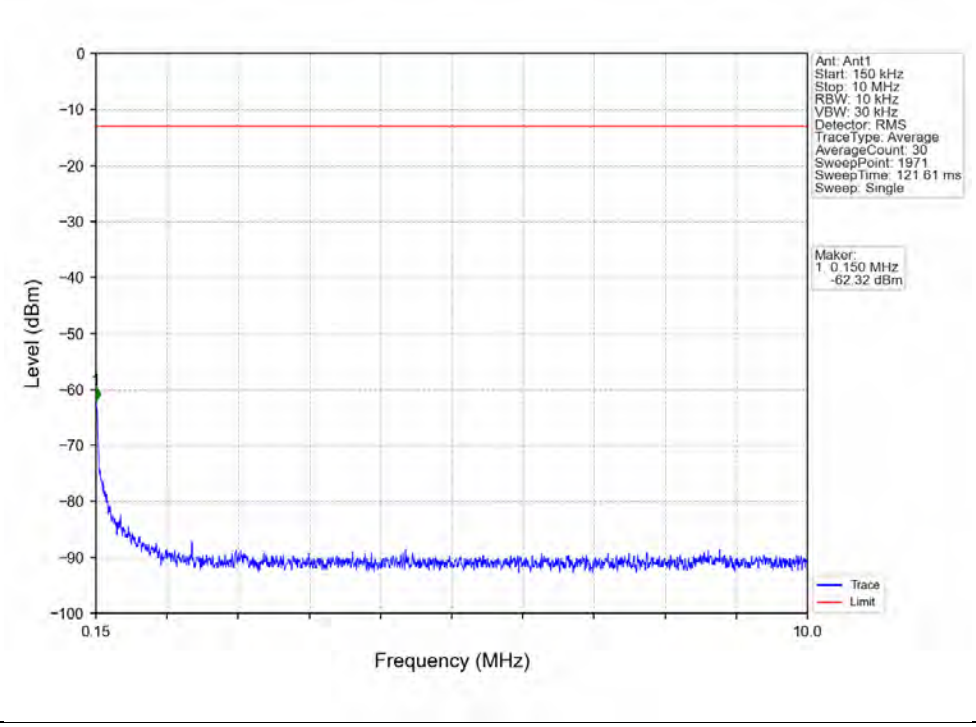


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

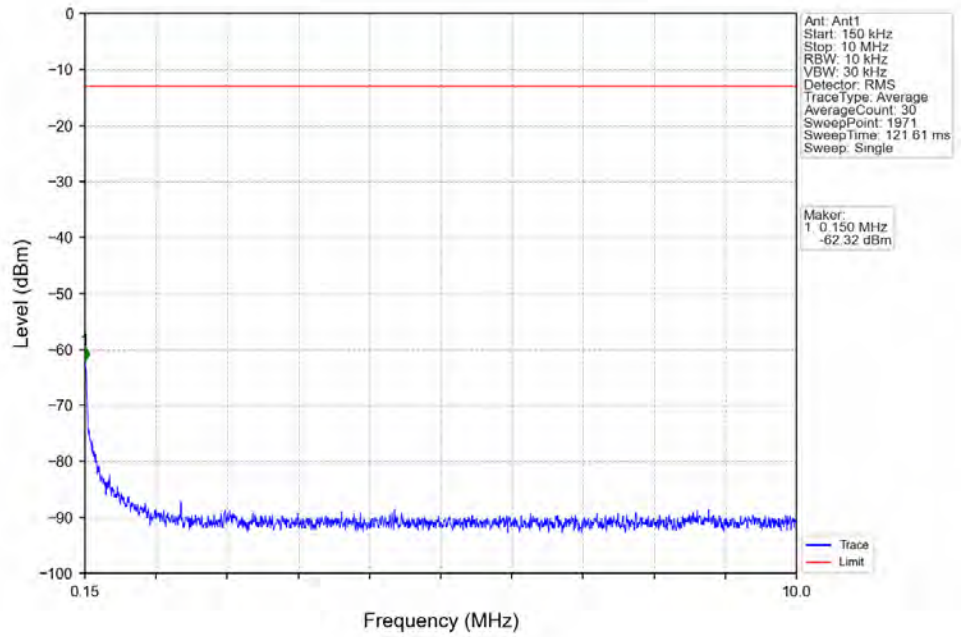


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.041	-61.76	-13	Pass
850	854	0.1	/	2	852.989	-46.45	-13	Pass

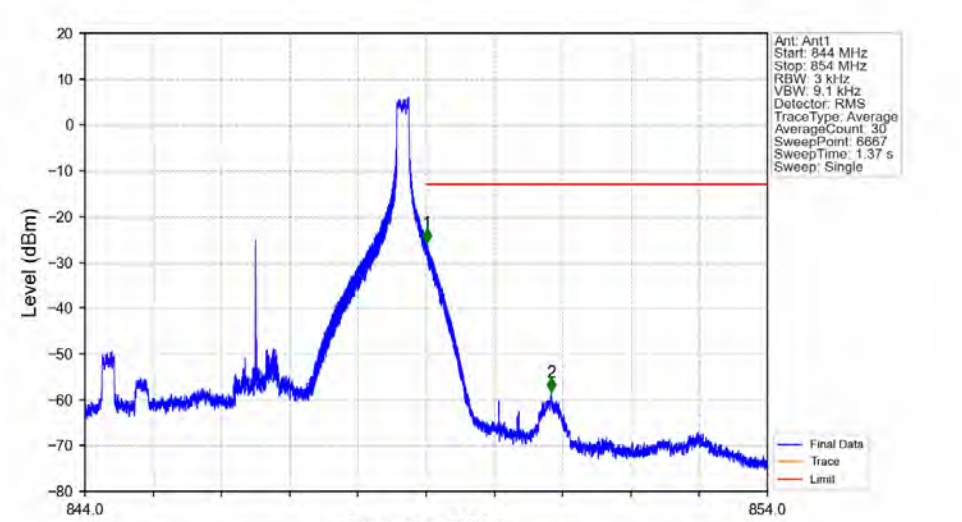
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

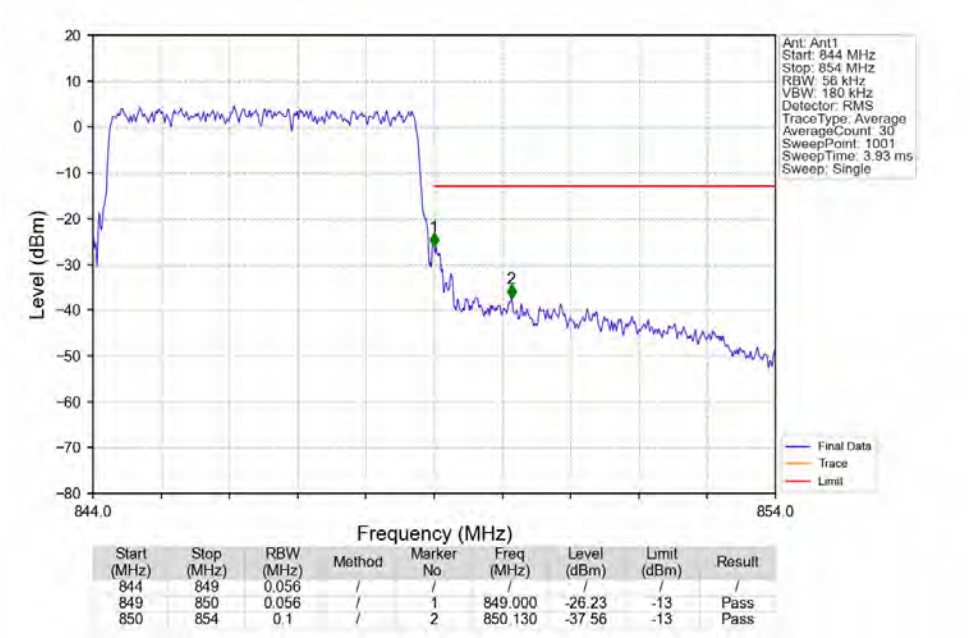


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



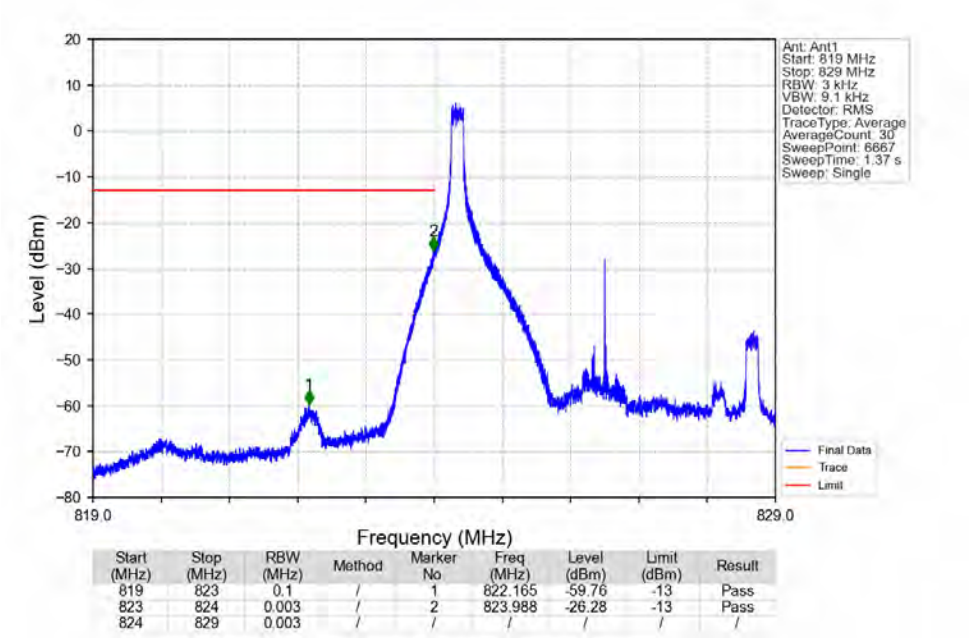
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-25.63	-13	Pass
850	854	0.1	/	2	850.836	-58.36	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



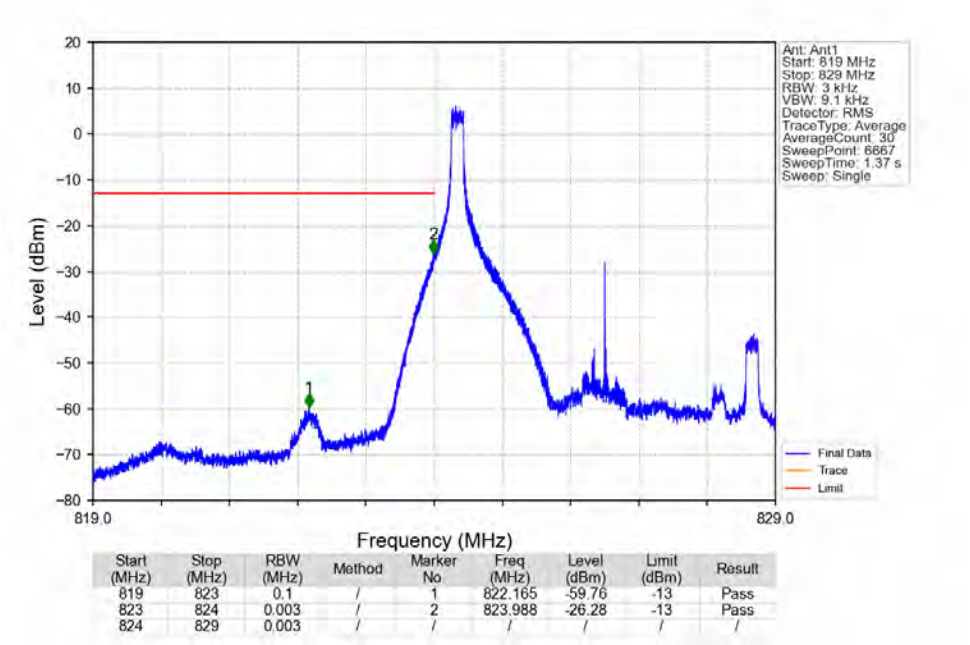
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.000	-26.23	-13	Pass
850	854	0.1	/	2	850.130	-37.56	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



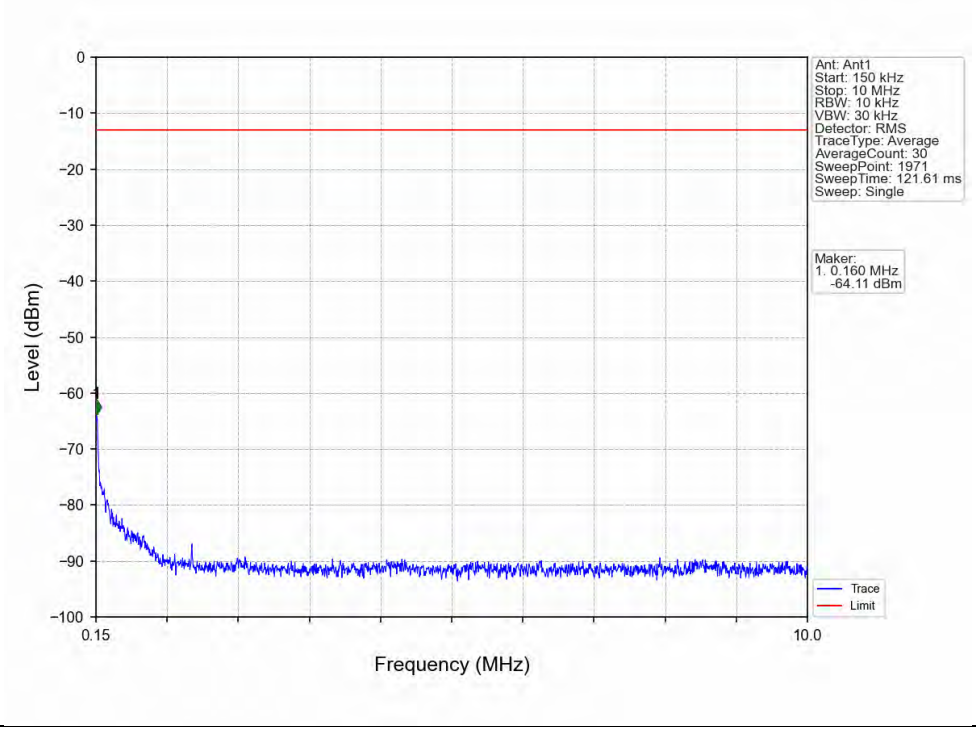
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.165	-59.76	-13	Pass
823	824	0.003	/	2	823.988	-26.28	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

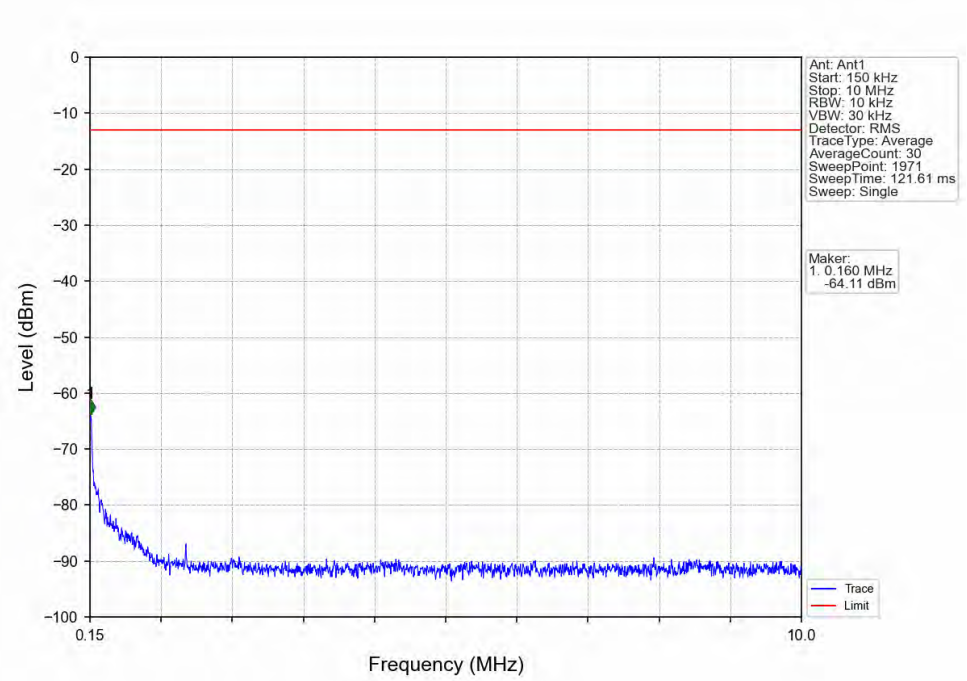


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.165	-59.76	-13	Pass
823	824	0.003	/	2	823.988	-26.28	-13	Pass
824	829	0.003	/	/	/	/	/	/

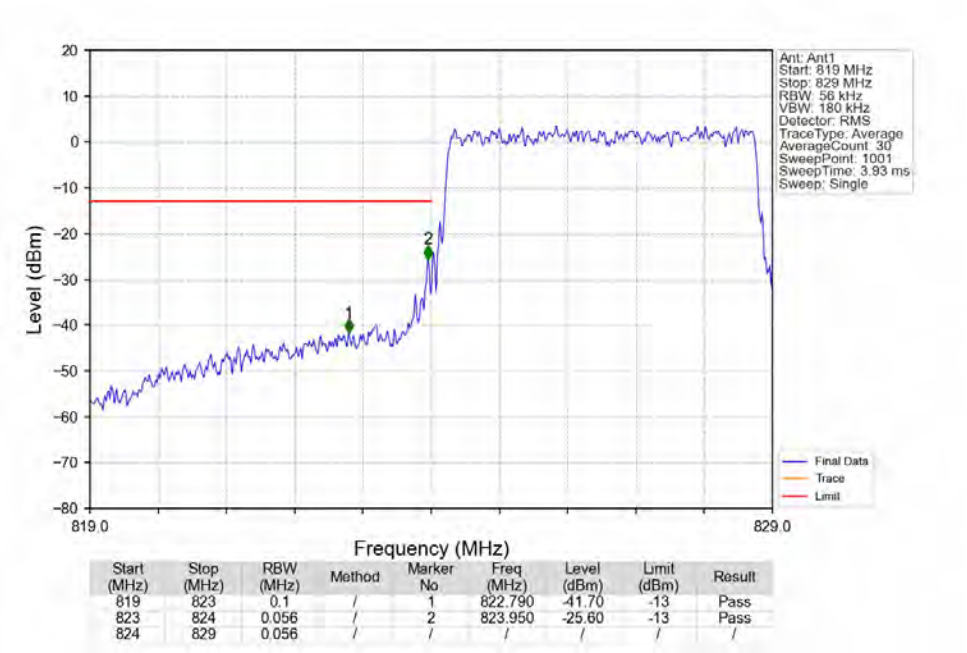
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

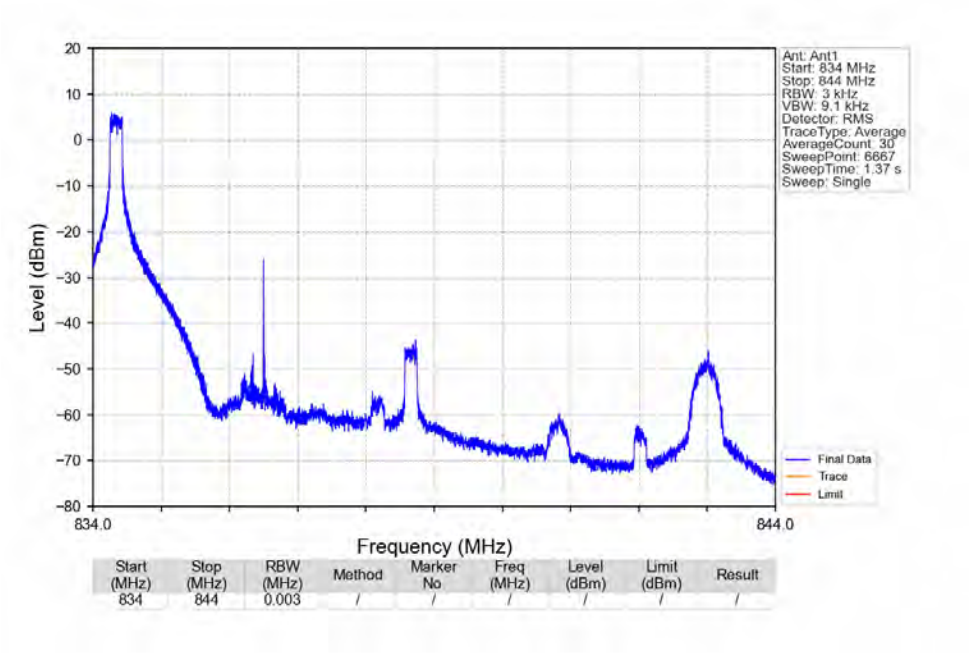


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



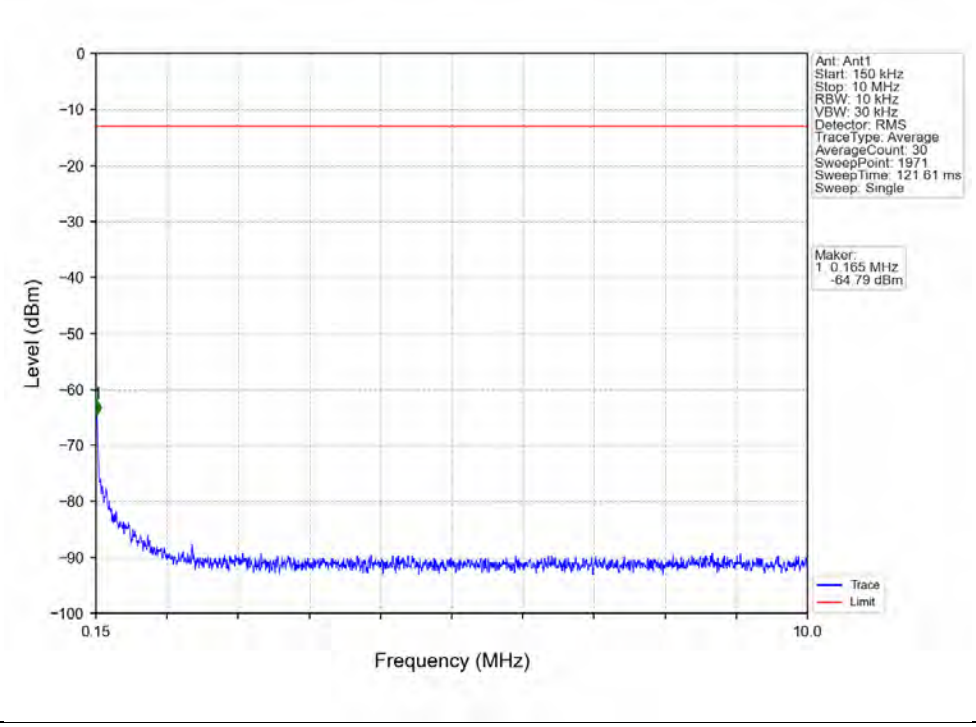
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.790	-41.70	-13	Pass
823	824	0.056	/	2	823.950	-25.60	-13	Pass
824	829	0.056	/	/	/	/	/	/

Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

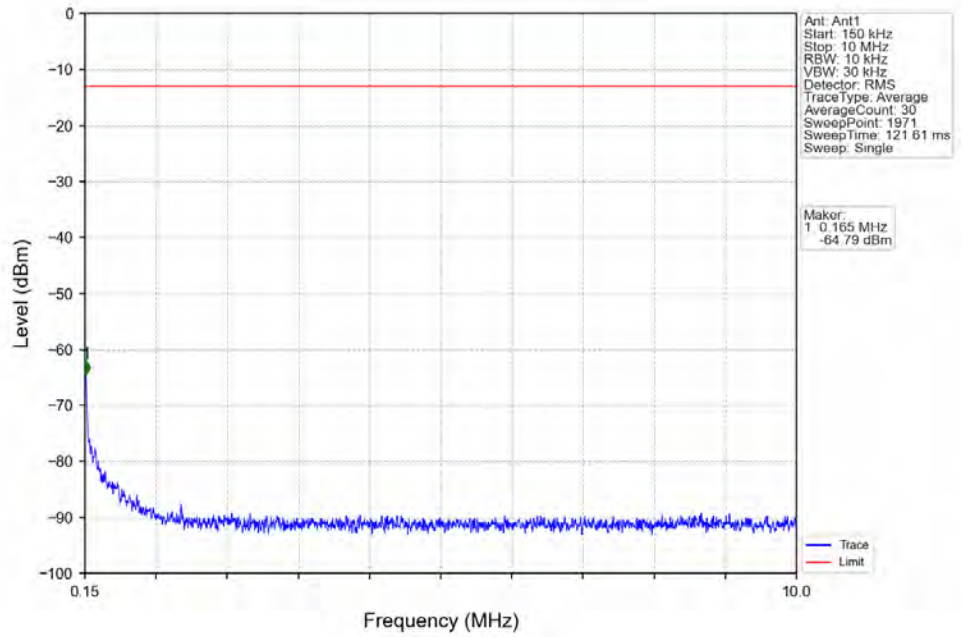


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	844	0.003	/	/	/	/	/	/

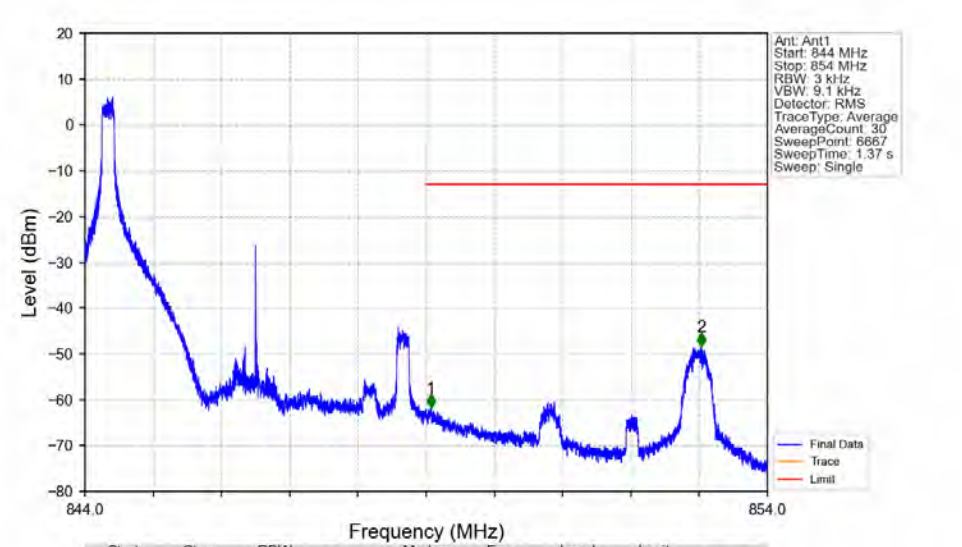
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

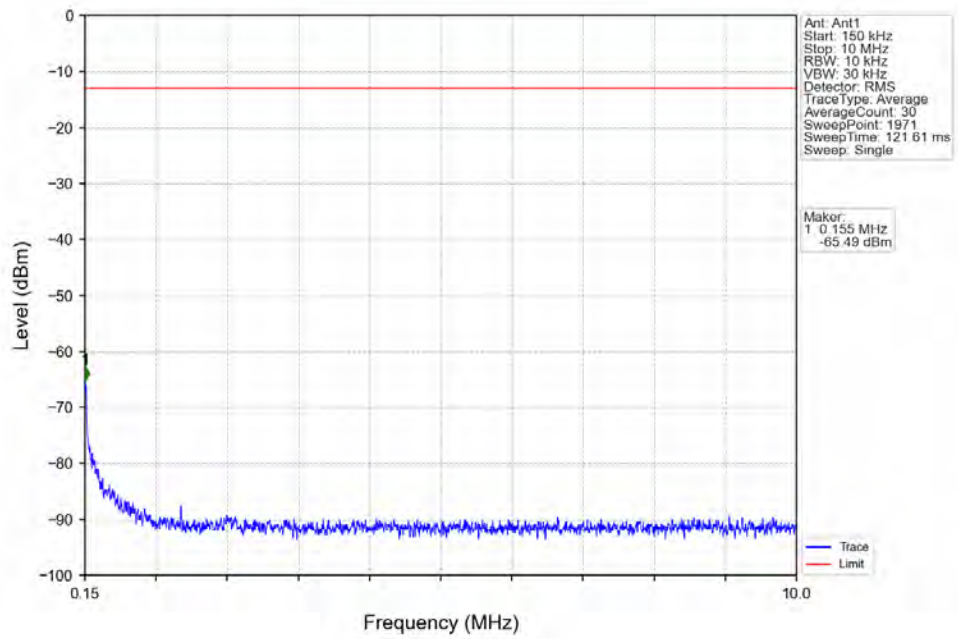


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

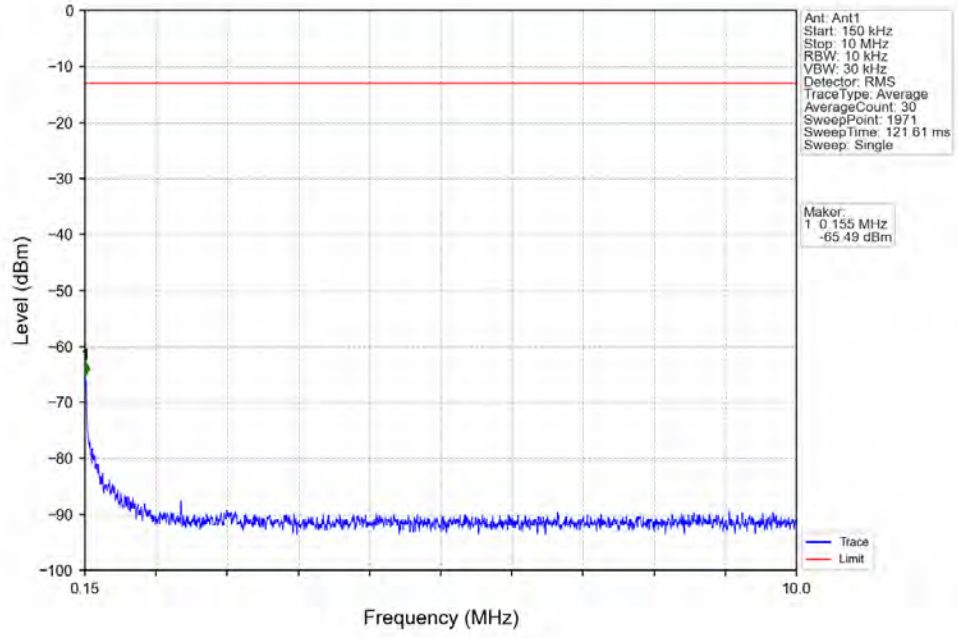


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.071	-61.83	-13	Pass
850	854	0.1	/	2	853.035	-48.46	-13	Pass

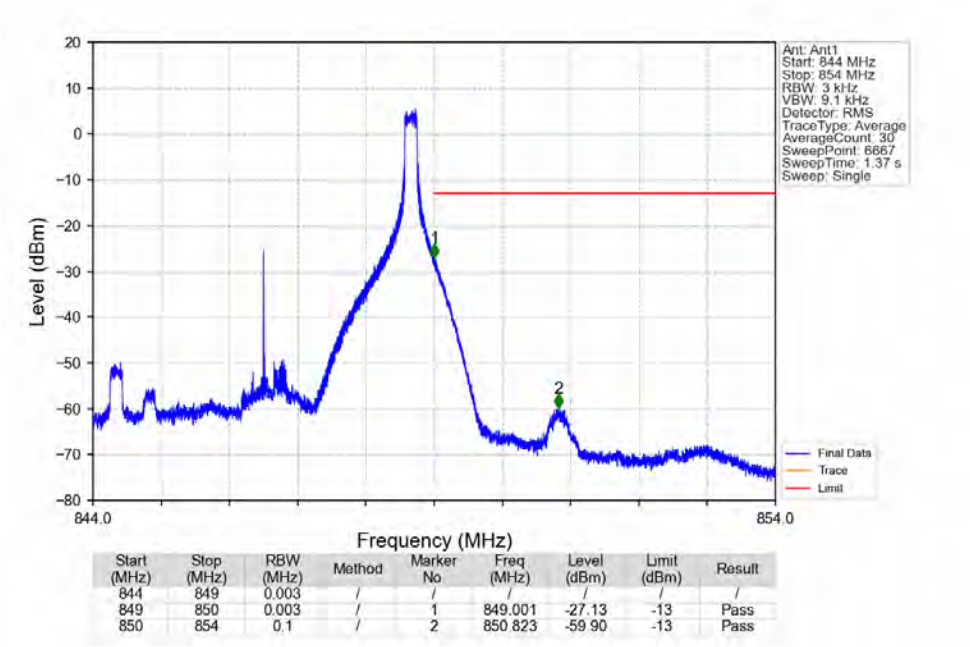
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

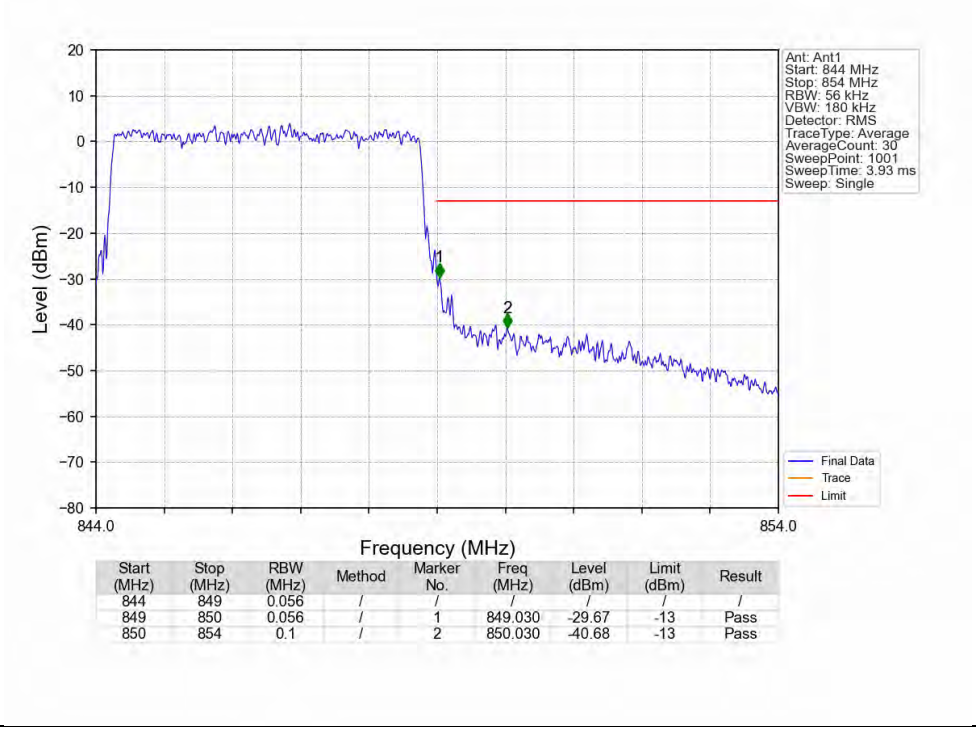


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



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	849.001	-27.13	-13	Pass
850	854	0.1	/	2	850.823	-59.90	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	850	0.056	/	1	849.030	-29.67	-13	Pass
850	854	0.1	/	2	850.030	-40.68	-13	Pass

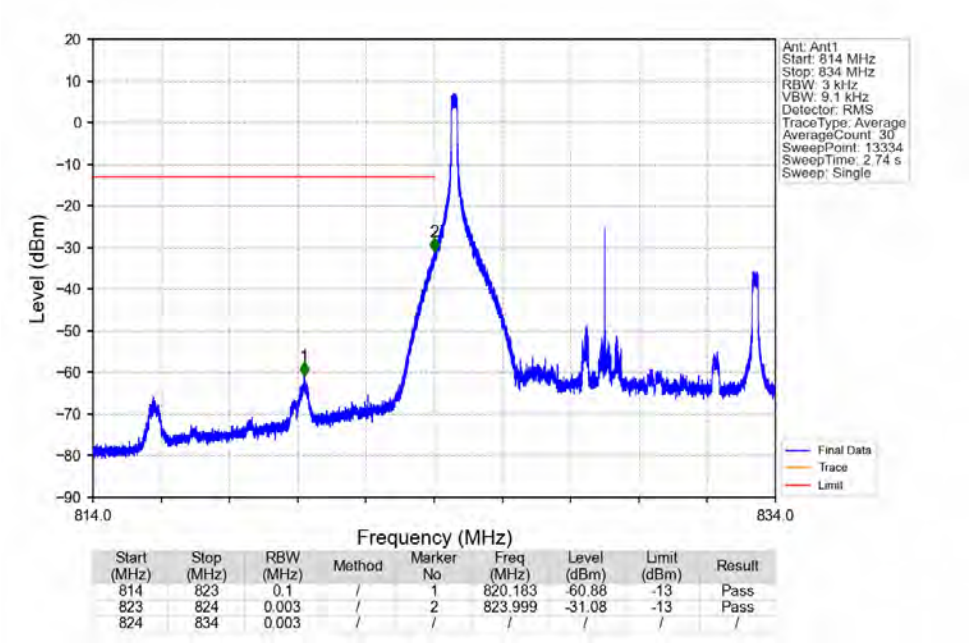
6.4 B5_10MHz

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

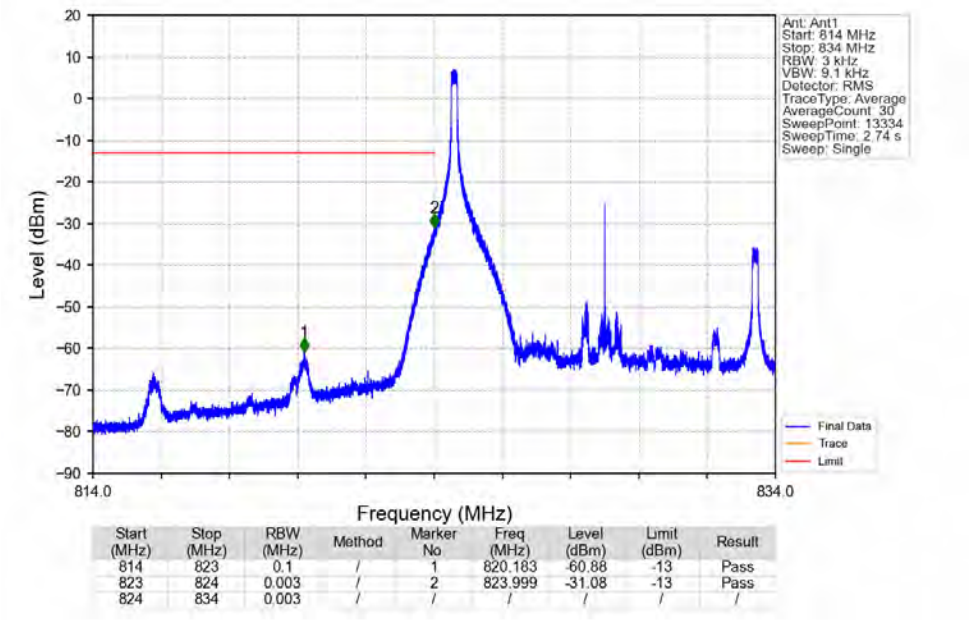
6.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



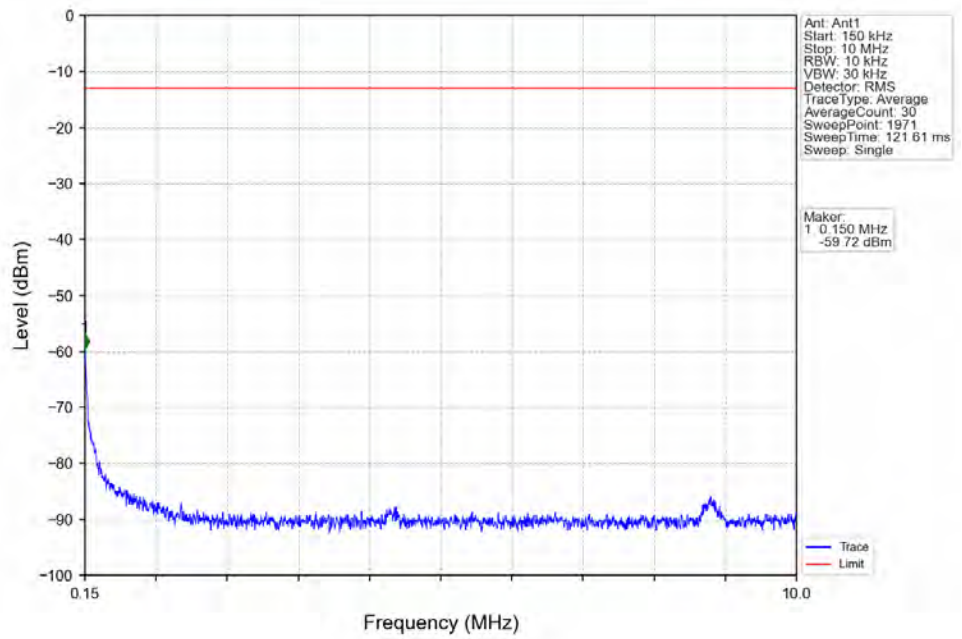
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	820.183	-60.88	-13	Pass
823	824	0.003	/	2	823.999	-31.08	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

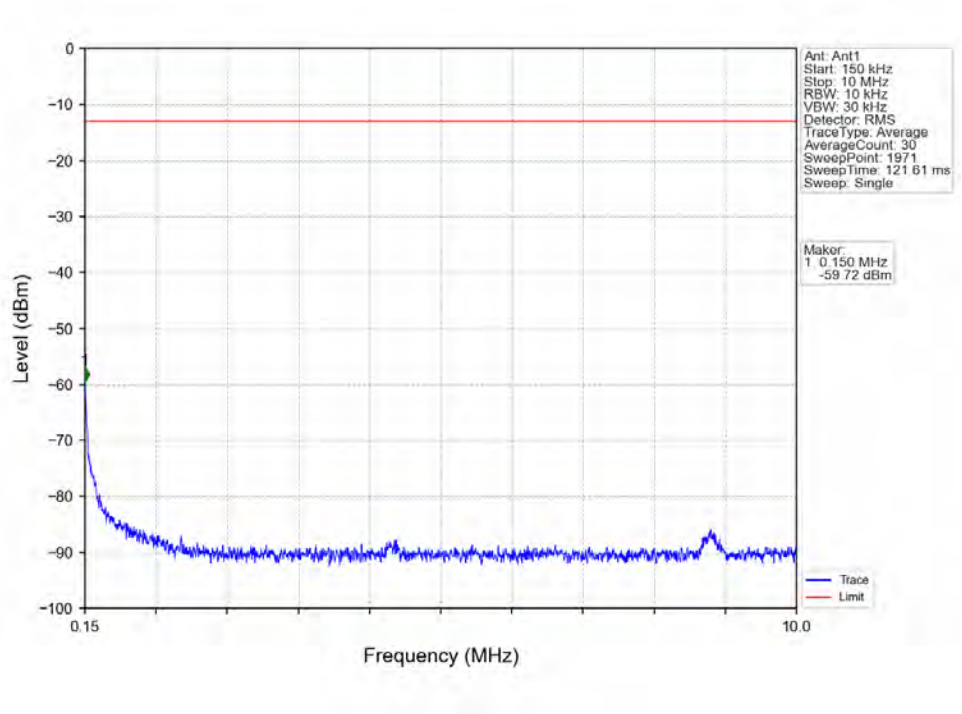


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	820.183	-60.88	-13	Pass
823	824	0.003	/	2	823.999	-31.08	-13	Pass
824	834	0.003	/	/	/	/	/	/

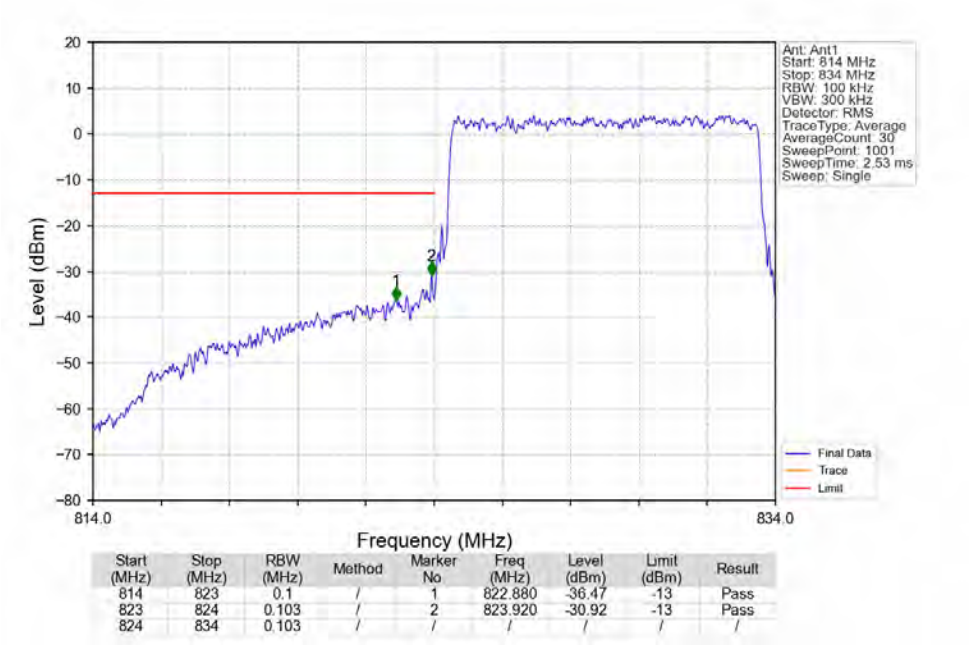
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

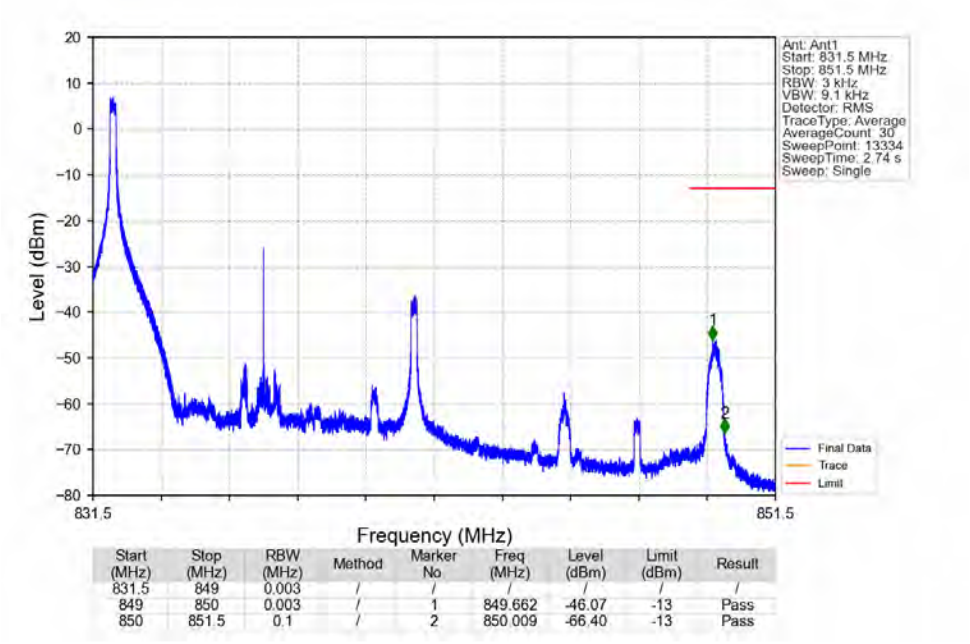


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



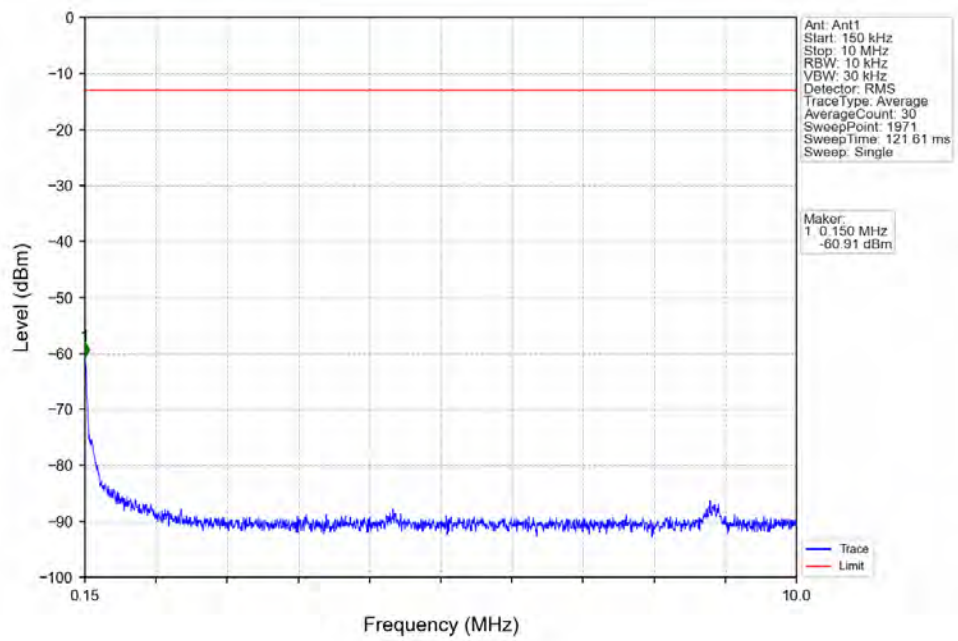
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.880	-36.47	-13	Pass
823	824	0.103	/	2	823.920	-30.92	-13	Pass
824	834	0.103	/	/	/	/	/	/

Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

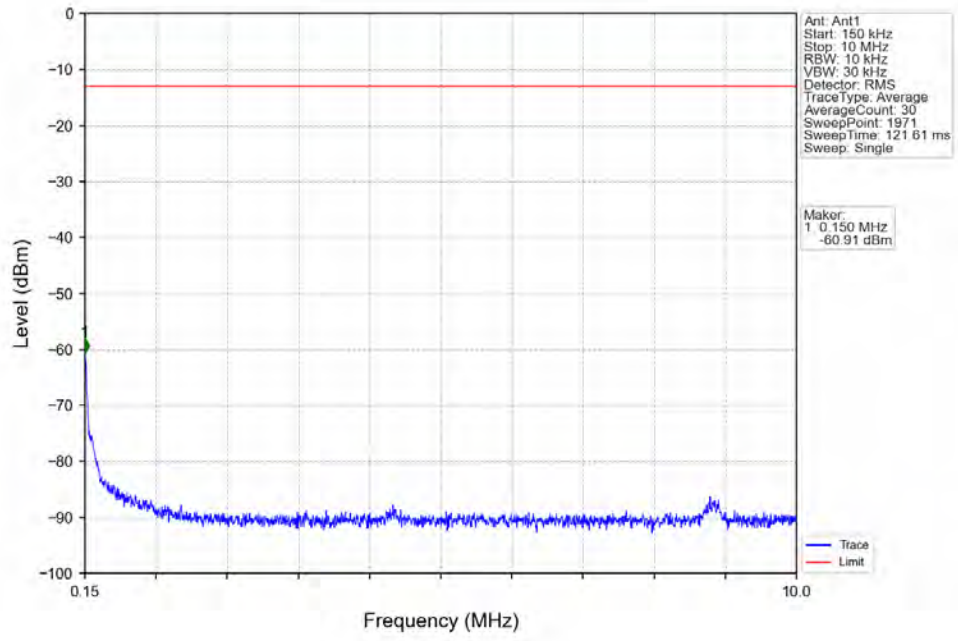


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
831.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.662	-46.07	-13	Pass
850	851.5	0.1	/	2	850.009	-66.40	-13	Pass

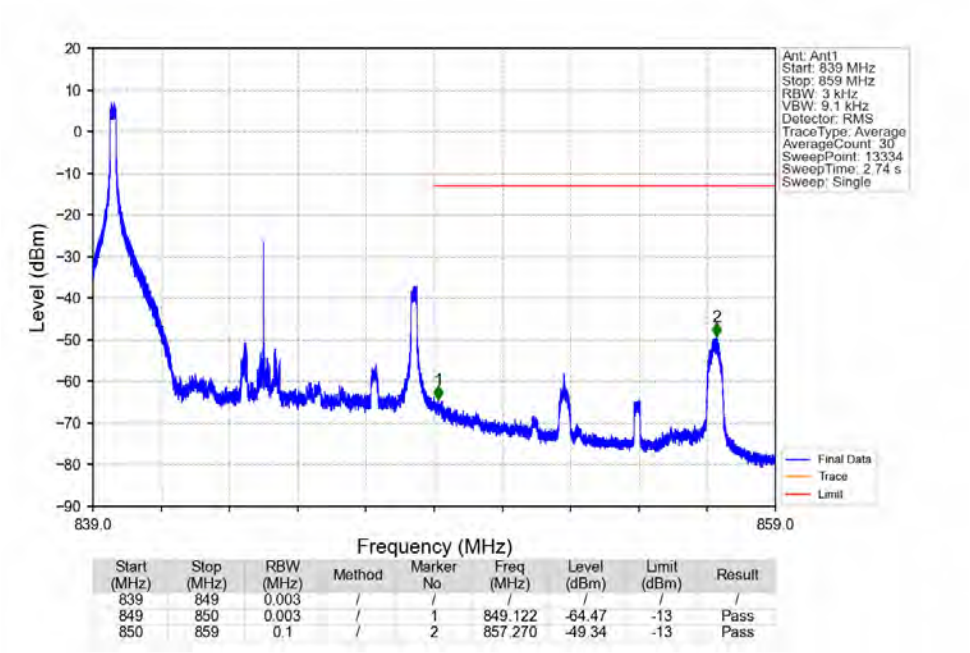
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

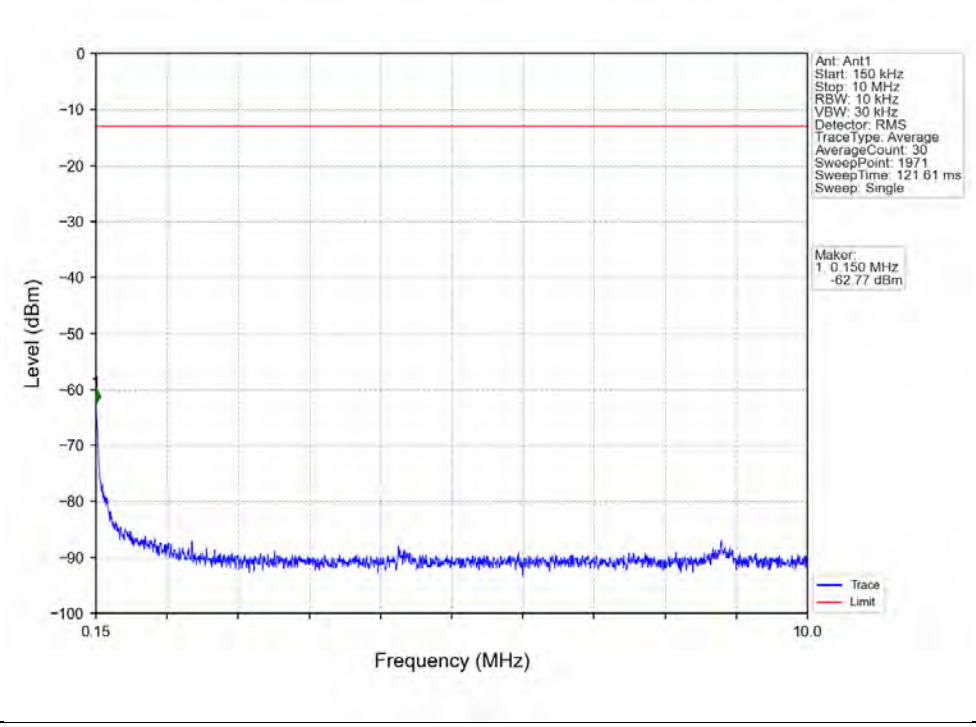


Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

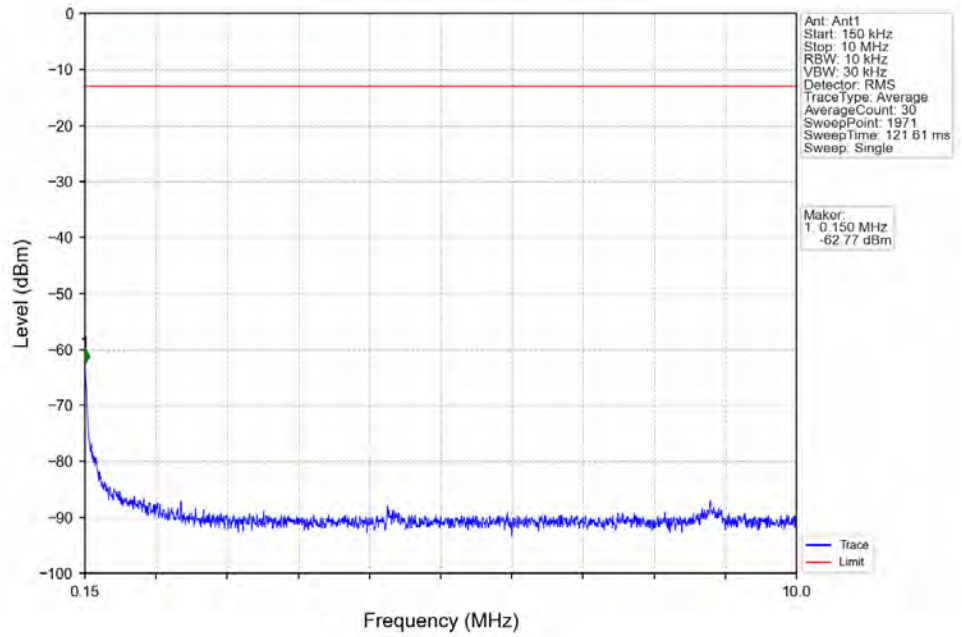


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.122	-64.47	-13	Pass
850	859	0.1	/	2	857.270	-49.34	-13	Pass

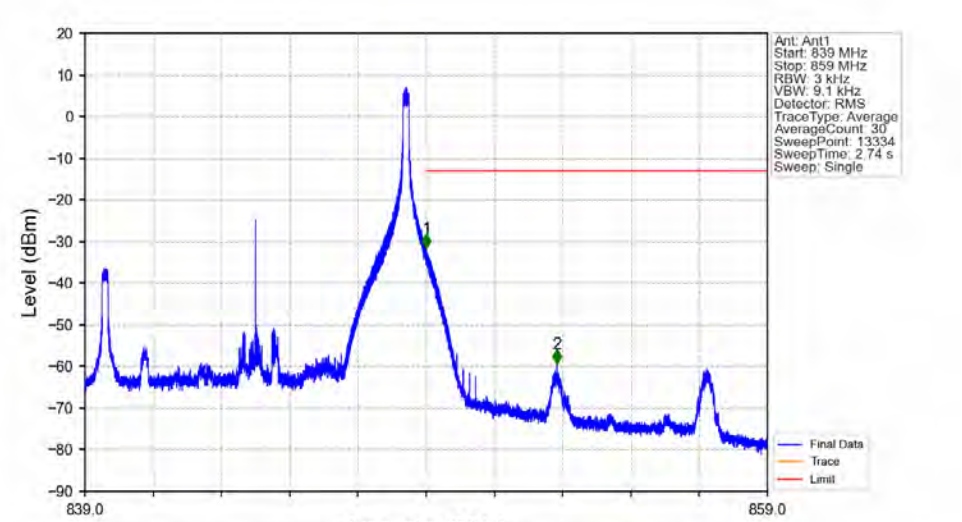
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

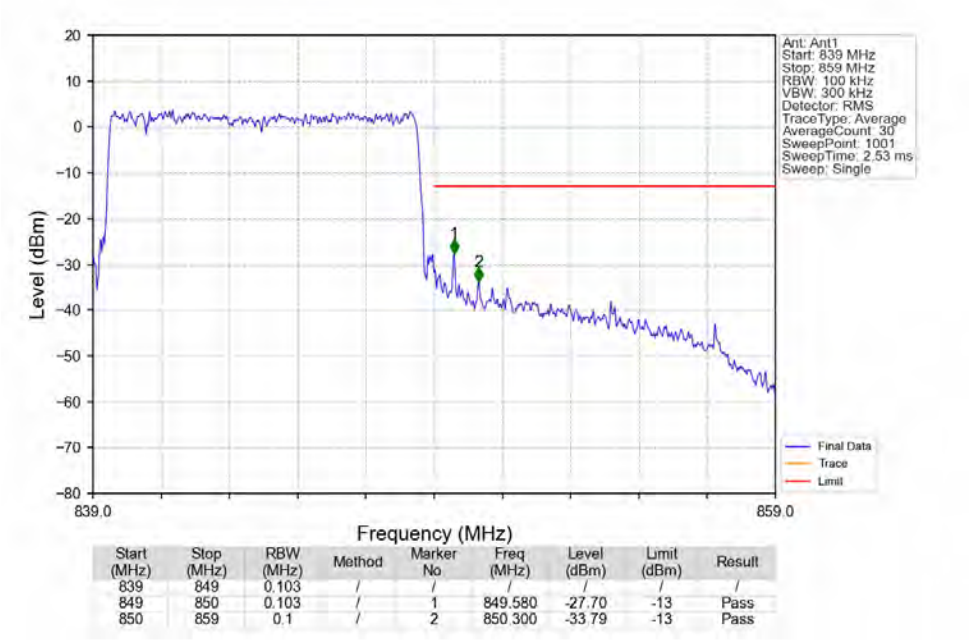


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



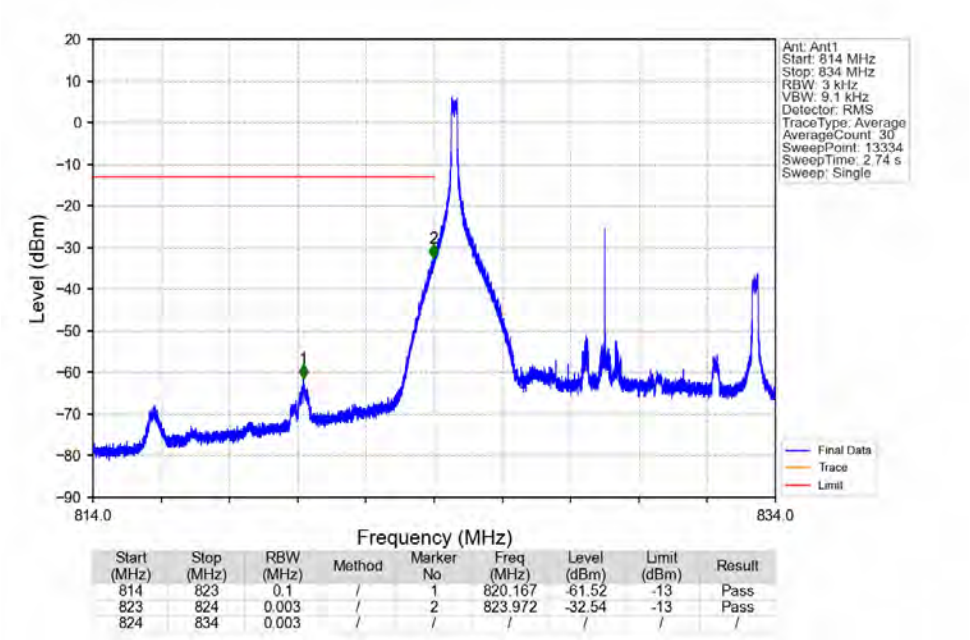
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-31.68	-13	Pass
850	859	0.1	/	2	852.836	-59.38	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



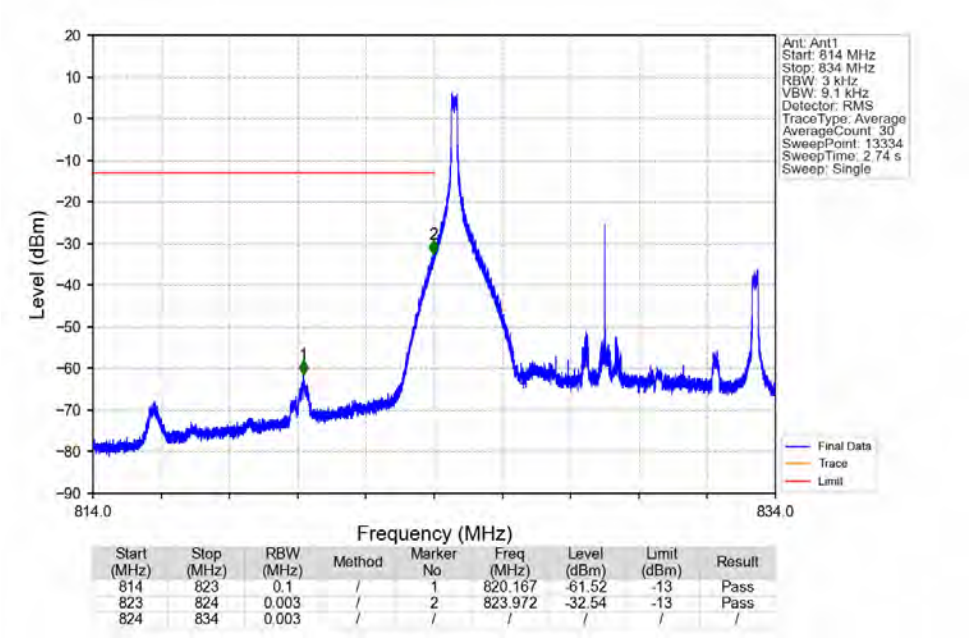
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.103	/	/	/	/	/	/
849	850	0.103	/	1	849.580	-27.70	-13	Pass
850	859	0.1	/	2	850.300	-33.79	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



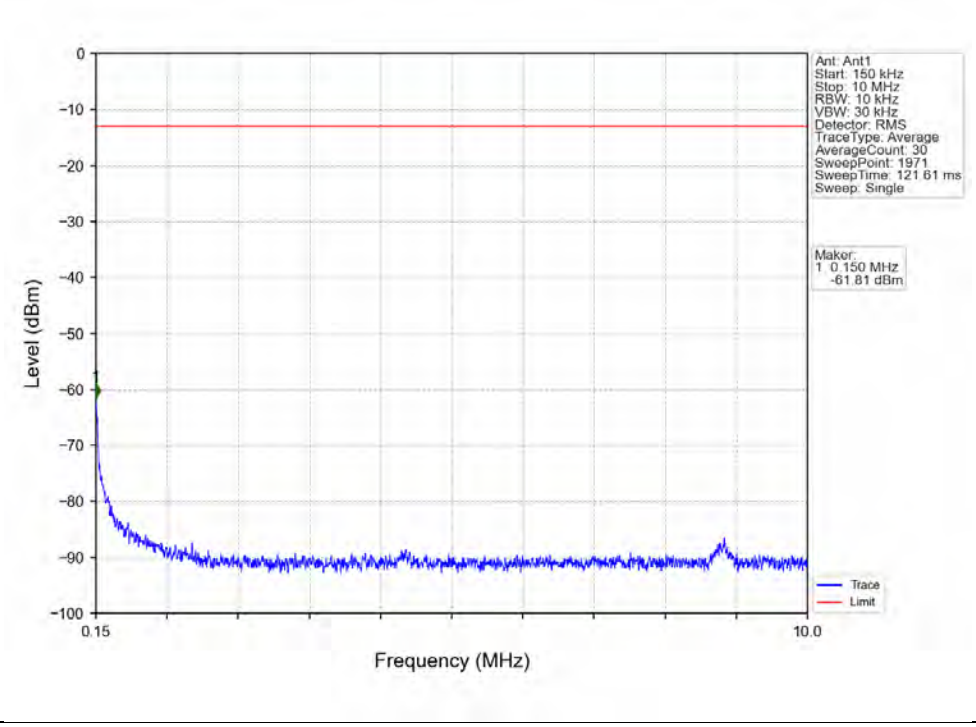
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	820.167	-61.52	-13	Pass
823	824	0.003	/	2	823.972	-32.54	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

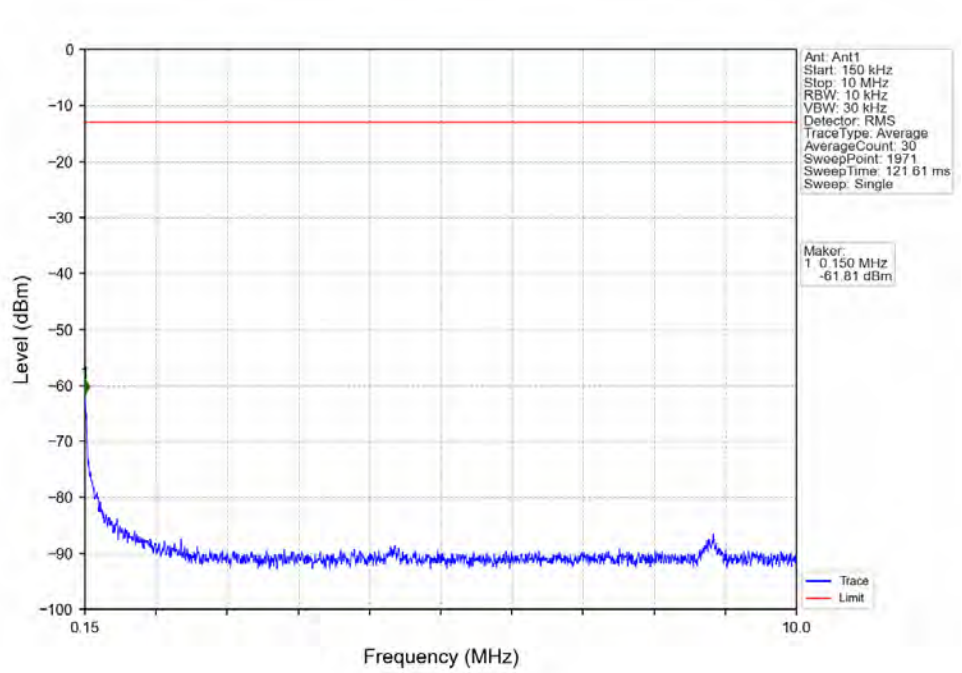


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	820.167	-61.52	-13	Pass
823	824	0.003	/	2	823.972	-32.54	-13	Pass
824	834	0.003	/	/	/	/	/	/

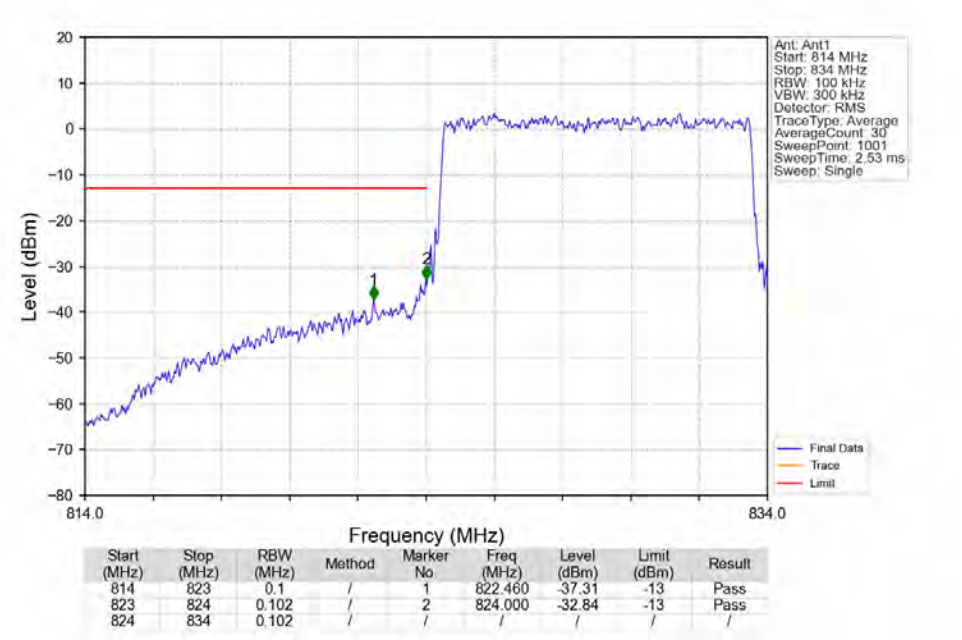
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

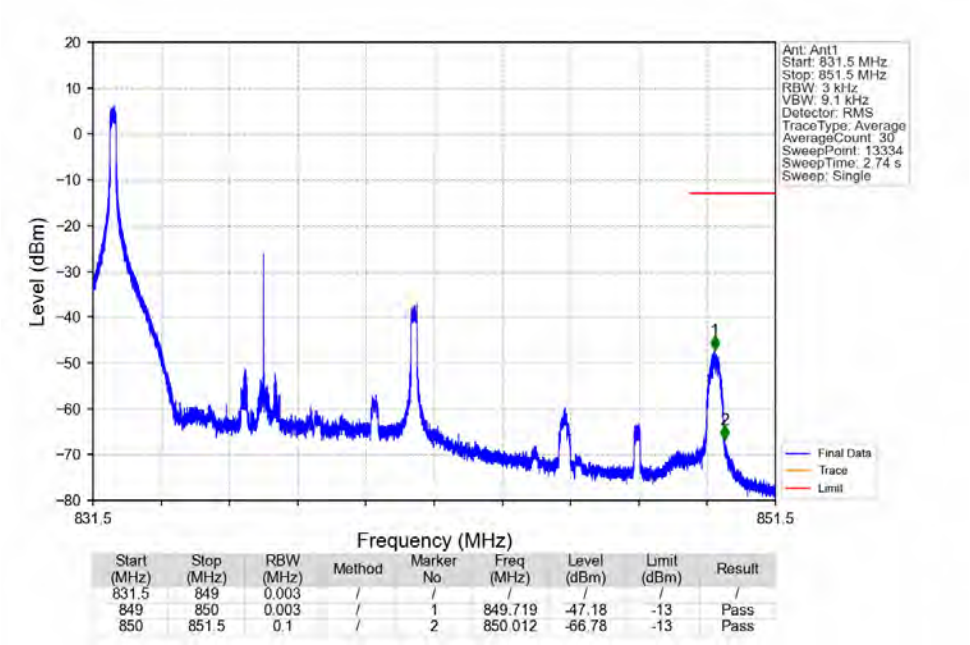


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



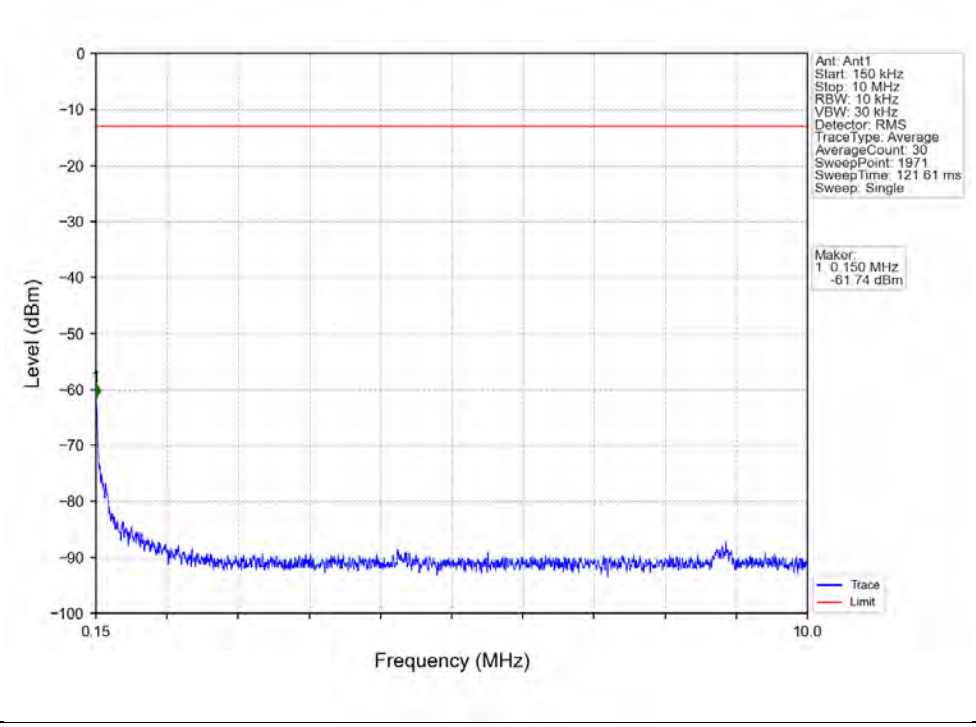
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.460	-37.31	-13	Pass
823	824	0.102	/	2	824.000	-32.84	-13	Pass
824	834	0.102	/	/	/	/	/	/

Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

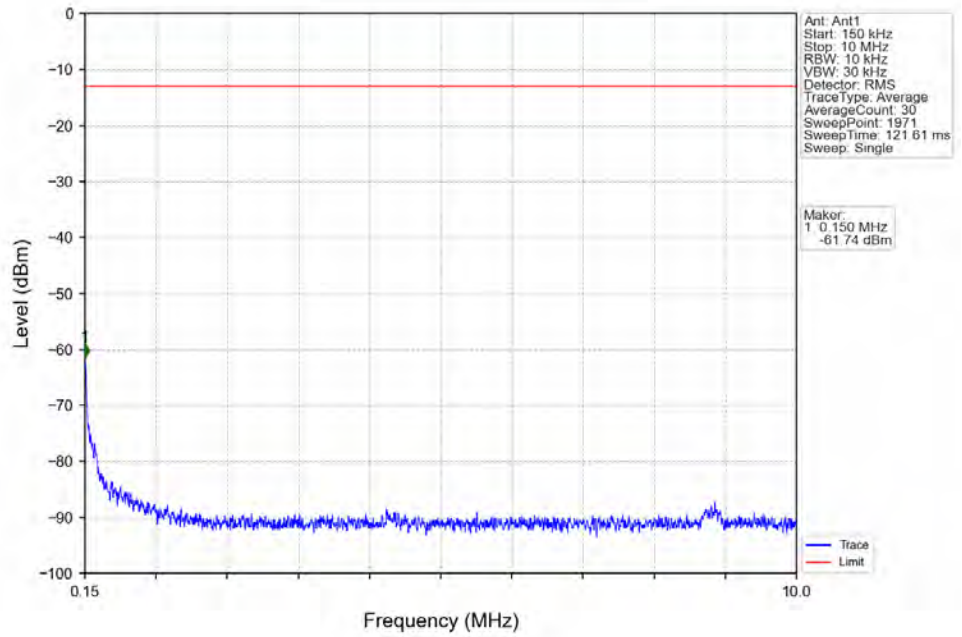


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
831.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.719	-47.18	-13	Pass
850	851.5	0.1	/	2	850.012	-66.78	-13	Pass

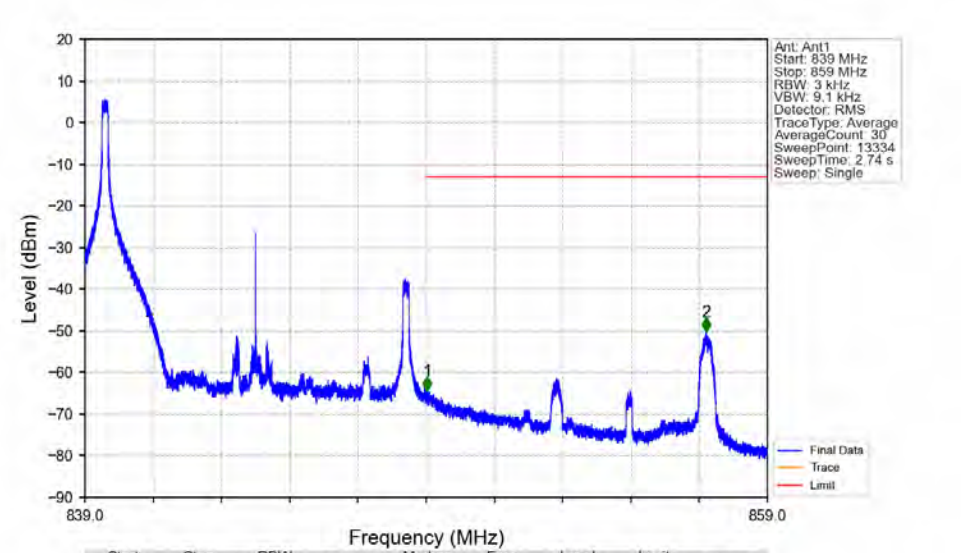
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

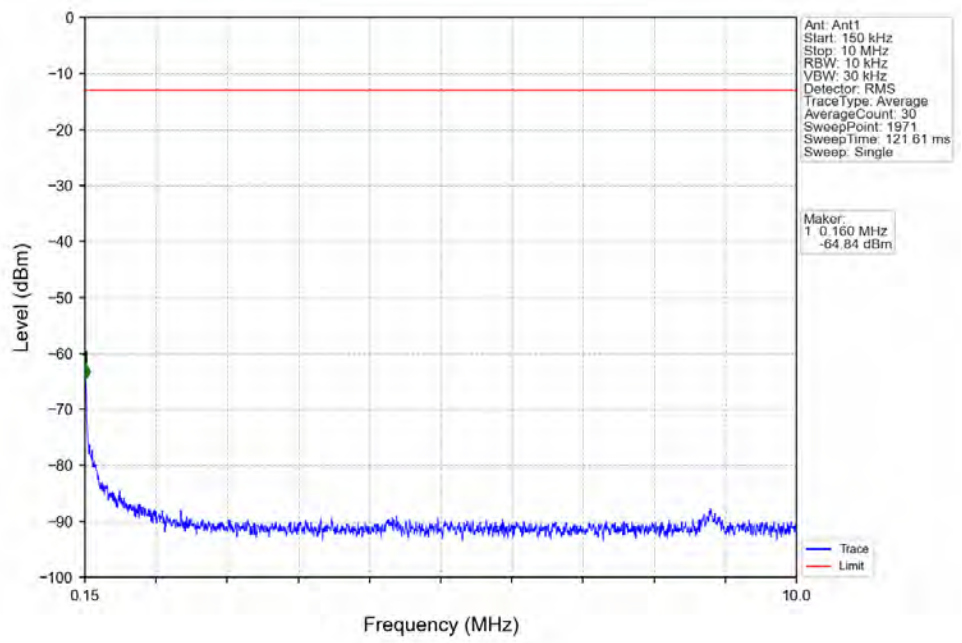


Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

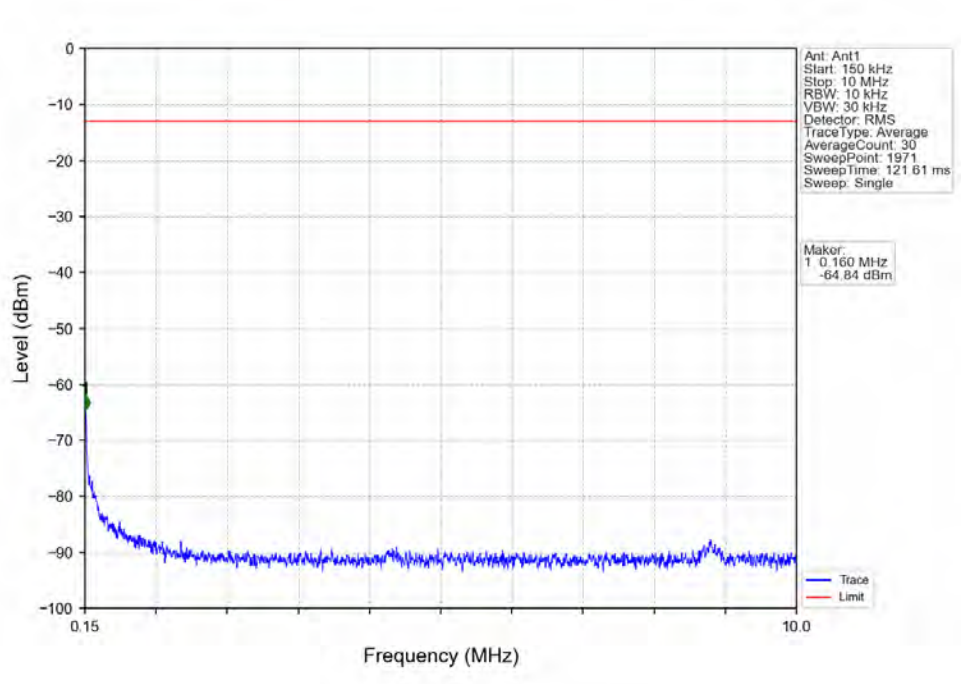


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.026	-64.43	-13	Pass
850	859	0.1	/	2	857.204	-50.24	-13	Pass

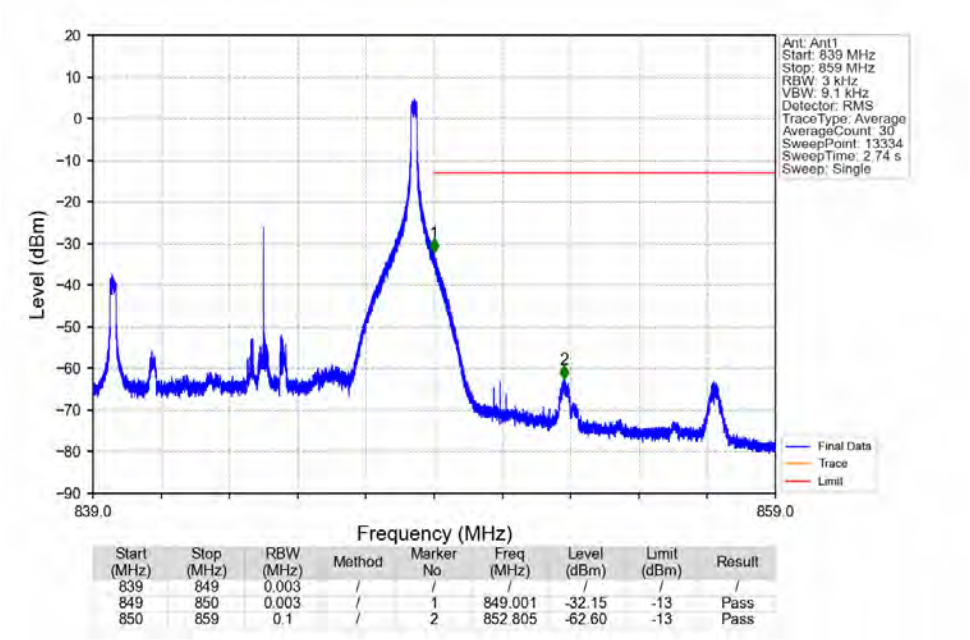
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

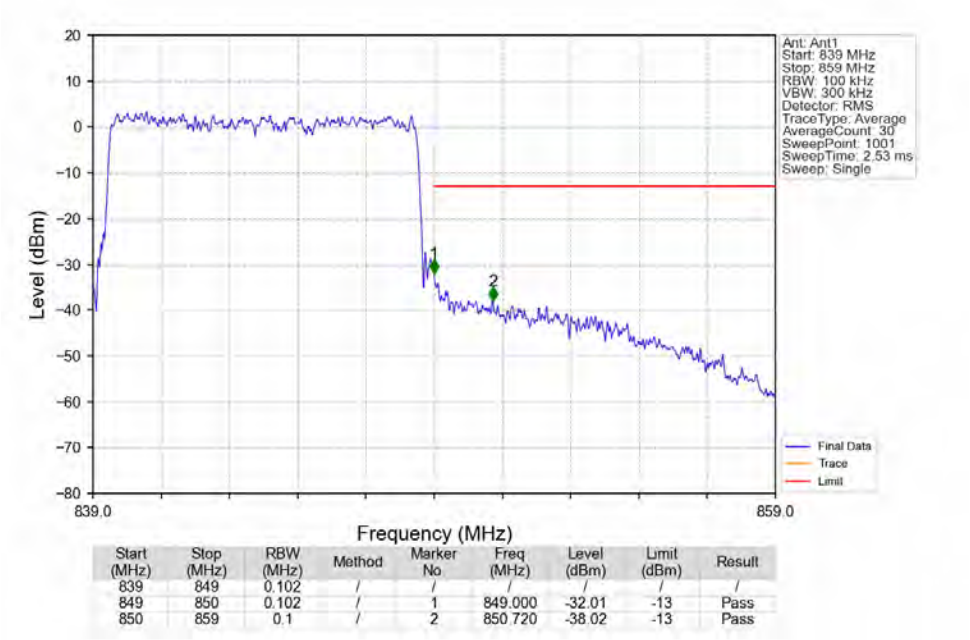


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



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	-32.15	-13	Pass
850	859	0.1	/	2	852.805	-62.60	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.102	/	/	/	/	/	/
849	850	0.102	/	1	849.000	-32.01	-13	Pass
850	859	0.1	/	2	850.720	-38.02	-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	0.1762	0.0144	ppm	1M12G7D	24E	22.46
5	1.4	824.7	848.3	0.1337	0.0127	ppm	1M12W7D	24E	21.26
5	3	825.5	847.5	0.1675	0.0133	ppm	2M73G7D	24E	22.24
5	3	825.5	847.5	0.1413	0.0129	ppm	2M73W7D	24E	21.50
5	5	826.5	846.5	0.1596	0.0155	ppm	4M57G7D	24E	22.03
5	5	826.5	846.5	0.1303	0.0144	ppm	4M60W7D	24E	21.15
5	10	829	844	0.1675	0.0120	ppm	9M10G7D	24E	22.24
5	10	829	844	0.1416	0.0133	ppm	9M09W7D	24E	21.51

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	0.0514	0.0144	ppm	1M12G7D	24E	17.11
5	1.4	824.7	848.3	0.0389	0.0127	ppm	1M12W7D	24E	15.91
5	3	825.5	847.5	0.0488	0.0133	ppm	2M73G7D	24E	16.89
5	3	825.5	847.5	0.0412	0.0129	ppm	2M73W7D	24E	16.15
5	5	826.5	846.5	0.0465	0.0155	ppm	4M57G7D	24E	16.68
5	5	826.5	846.5	0.038	0.0144	ppm	4M60W7D	24E	15.8
5	10	829	844	0.0488	0.0120	ppm	9M10G7D	24E	16.89
5	10	829	844	0.0413	0.0133	ppm	9M09W7D	24E	16.16