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	22.76	0.30	20.61	<=38.45	Pass
			2	22.88	0.30	20.73	<=38.45	Pass
			5	22.78	0.30	20.63	<=38.45	Pass
		3	0	22.75	0.30	20.60	<=38.45	Pass
			2	22.80	0.30	20.65	<=38.45	Pass
			3	22.81	0.30	20.66	<=38.45	Pass
		6	0	21.79	0.30	19.64	<=38.45	Pass
	836.5	1	0	22.69	0.30	20.54	<=38.45	Pass
			2	22.83	0.30	20.68	<=38.45	Pass
			5	22.70	0.30	20.55	<=38.45	Pass
		3	0	22.81	0.30	20.66	<=38.45	Pass
			2	22.83	0.30	20.68	<=38.45	Pass
			3	22.78	0.30	20.63	<=38.45	Pass
		6	0	21.81	0.30	19.66	<=38.45	Pass
	848.3	1	0	22.65	0.30	20.50	<=38.45	Pass
			2	22.82	0.30	20.67	<=38.45	Pass
			5	22.67	0.30	20.52	<=38.45	Pass
		3	0	22.75	0.30	20.60	<=38.45	Pass
			2	22.81	0.30	20.66	<=38.45	Pass
			3	22.76	0.30	20.61	<=38.45	Pass
		6	0	21.74	0.30	19.59	<=38.45	Pass
16QAM	824.7	1	0	21.69	0.30	19.54	<=38.45	Pass
			2	21.81	0.30	19.66	<=38.45	Pass
			5	21.77	0.30	19.62	<=38.45	Pass
		3	0	21.80	0.30	19.65	<=38.45	Pass
			2	21.80	0.30	19.65	<=38.45	Pass
			3	21.80	0.30	19.65	<=38.45	Pass
		6	0	20.77	0.30	18.62	<=38.45	Pass
	836.5	1	0	21.86	0.30	19.71	<=38.45	Pass
			2	21.99	0.30	19.84	<=38.45	Pass
			5	21.83	0.30	19.68	<=38.45	Pass
		3	0	21.77	0.30	19.62	<=38.45	Pass
			2	21.80	0.30	19.65	<=38.45	Pass
			3	21.78	0.30	19.63	<=38.45	Pass
		6	0	20.84	0.30	18.69	<=38.45	Pass
	848.3	1	0	21.79	0.30	19.64	<=38.45	Pass
			2	21.93	0.30	19.78	<=38.45	Pass
			5	21.82	0.30	19.67	<=38.45	Pass
		3	0	21.72	0.30	19.57	<=38.45	Pass
			2	21.76	0.30	19.61	<=38.45	Pass
			3	21.74	0.30	19.59	<=38.45	Pass
		6	0	20.81	0.30	18.66	<=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	22.80	0.30	20.65	<=38.45	Pass
			7	22.94	0.30	20.79	<=38.45	Pass
			14	22.79	0.30	20.64	<=38.45	Pass
		8	0	21.76	0.30	19.61	<=38.45	Pass
			4	21.83	0.30	19.68	<=38.45	Pass
			7	21.81	0.30	19.66	<=38.45	Pass
		15	0	21.75	0.30	19.60	<=38.45	Pass
	836.5	1	0	22.82	0.30	20.67	<=38.45	Pass
			7	22.95	0.30	20.80	<=38.45	Pass
			14	22.75	0.30	20.60	<=38.45	Pass
		8	0	21.80	0.30	19.65	<=38.45	Pass
			4	21.81	0.30	19.66	<=38.45	Pass
			7	21.75	0.30	19.60	<=38.45	Pass
		15	0	21.76	0.30	19.61	<=38.45	Pass
	847.5	1	0	22.70	0.30	20.55	<=38.45	Pass
			7	22.85	0.30	20.70	<=38.45	Pass
			14	22.70	0.30	20.55	<=38.45	Pass
		8	0	21.74	0.30	19.59	<=38.45	Pass
			4	21.77	0.30	19.62	<=38.45	Pass
			7	21.70	0.30	19.55	<=38.45	Pass
		15	0	21.74	0.30	19.59	<=38.45	Pass
16QAM	825.5	1	0	22.27	0.30	20.12	<=38.45	Pass
			7	22.42	0.30	20.27	<=38.45	Pass
			14	22.22	0.30	20.07	<=38.45	Pass
		8	0	20.90	0.30	18.75	<=38.45	Pass
			4	20.96	0.30	18.81	<=38.45	Pass
			7	20.93	0.30	18.78	<=38.45	Pass
		15	0	20.79	0.30	18.64	<=38.45	Pass
	836.5	1	0	21.81	0.30	19.66	<=38.45	Pass
			7	21.96	0.30	19.81	<=38.45	Pass
			14	21.77	0.30	19.62	<=38.45	Pass
		8	0	20.86	0.30	18.71	<=38.45	Pass
			4	20.88	0.30	18.73	<=38.45	Pass
			7	20.82	0.30	18.67	<=38.45	Pass
		15	0	20.83	0.30	18.68	<=38.45	Pass
	847.5	1	0	21.83	0.30	19.68	<=38.45	Pass
			7	22.00	0.30	19.85	<=38.45	Pass
			14	21.87	0.30	19.72	<=38.45	Pass
		8	0	20.74	0.30	18.59	<=38.45	Pass
			4	20.78	0.30	18.63	<=38.45	Pass
			7	20.73	0.30	18.58	<=38.45	Pass
		15	0	20.72	0.30	18.57	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	22.66	0.30	20.51	<=38.45	Pass
			13	22.80	0.30	20.65	<=38.45	Pass
			24	22.68	0.30	20.53	<=38.45	Pass

		12	0	21.67	0.30	19.52	<=38.45	Pass
			6	21.79	0.30	19.64	<=38.45	Pass
			13	21.75	0.30	19.60	<=38.45	Pass
		25	0	21.76	0.30	19.61	<=38.45	Pass
	836.5	1	0	22.66	0.30	20.51	<=38.45	Pass
			13	22.76	0.30	20.61	<=38.45	Pass
			24	22.65	0.30	20.50	<=38.45	Pass
		12	0	21.80	0.30	19.65	<=38.45	Pass
			6	21.77	0.30	19.62	<=38.45	Pass
			13	21.72	0.30	19.57	<=38.45	Pass
		25	0	21.74	0.30	19.59	<=38.45	Pass
	846.5	1	0	22.56	0.30	20.41	<=38.45	Pass
			13	22.72	0.30	20.57	<=38.45	Pass
			24	22.60	0.30	20.45	<=38.45	Pass
		12	0	21.76	0.30	19.61	<=38.45	Pass
			6	21.71	0.30	19.56	<=38.45	Pass
			13	21.62	0.30	19.47	<=38.45	Pass
		25	0	21.67	0.30	19.52	<=38.45	Pass
16QAM	826.5	1	0	21.70	0.30	19.55	<=38.45	Pass
			13	21.84	0.30	19.69	<=38.45	Pass
			24	21.73	0.30	19.58	<=38.45	Pass
		12	0	20.58	0.30	18.43	<=38.45	Pass
			6	20.72	0.30	18.57	<=38.45	Pass
			13	20.68	0.30	18.53	<=38.45	Pass
		25	0	20.72	0.30	18.57	<=38.45	Pass
	836.5	1	0	21.88	0.30	19.73	<=38.45	Pass
			13	22.01	0.30	19.86	<=38.45	Pass
			24	21.86	0.30	19.71	<=38.45	Pass
		12	0	20.80	0.30	18.65	<=38.45	Pass
			6	20.81	0.30	18.66	<=38.45	Pass
			13	20.72	0.30	18.57	<=38.45	Pass
		25	0	20.75	0.30	18.60	<=38.45	Pass
	846.5	1	0	21.39	0.30	19.24	<=38.45	Pass
			13	21.56	0.30	19.41	<=38.45	Pass
			24	21.49	0.30	19.34	<=38.45	Pass
		12	0	20.74	0.30	18.59	<=38.45	Pass
			6	20.69	0.30	18.54	<=38.45	Pass
			13	20.60	0.30	18.45	<=38.45	Pass
		25	0	20.74	0.30	18.59	<=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	22.74	0.30	20.59	<=38.45	Pass
			25	22.92	0.30	20.77	<=38.45	Pass
			49	22.70	0.30	20.55	<=38.45	Pass
		25	0	21.64	0.30	19.49	<=38.45	Pass
			13	21.71	0.30	19.56	<=38.45	Pass
			25	21.71	0.30	19.56	<=38.45	Pass
		50	0	21.65	0.30	19.50	<=38.45	Pass
	836.5	1	0	22.67	0.30	20.52	<=38.45	Pass
			25	22.87	0.30	20.72	<=38.45	Pass

			49	22.68	0.30	20.53	<=38.45	Pass
		25	0	21.86	0.30	19.71	<=38.45	Pass
			13	21.77	0.30	19.62	<=38.45	Pass
			25	21.81	0.30	19.66	<=38.45	Pass
		50	0	21.80	0.30	19.65	<=38.45	Pass
	844	1	0	22.66	0.30	20.51	<=38.45	Pass
			25	22.81	0.30	20.66	<=38.45	Pass
			49	22.64	0.30	20.49	<=38.45	Pass
		25	0	21.62	0.30	19.47	<=38.45	Pass
			13	21.66	0.30	19.51	<=38.45	Pass
			25	21.48	0.30	19.33	<=38.45	Pass
		50	0	21.55	0.30	19.40	<=38.45	Pass
16QAM	829	1	0	21.69	0.30	19.54	<=38.45	Pass
			25	21.88	0.30	19.73	<=38.45	Pass
			49	21.67	0.30	19.52	<=38.45	Pass
		25	0	20.77	0.30	18.62	<=38.45	Pass
			13	20.77	0.30	18.62	<=38.45	Pass
			25	20.77	0.30	18.62	<=38.45	Pass
		50	0	20.67	0.30	18.52	<=38.45	Pass
	836.5	1	0	21.80	0.30	19.65	<=38.45	Pass
			25	22.01	0.30	19.86	<=38.45	Pass
			49	21.85	0.30	19.70	<=38.45	Pass
		25	0	20.88	0.30	18.73	<=38.45	Pass
			13	20.78	0.30	18.63	<=38.45	Pass
			25	20.85	0.30	18.70	<=38.45	Pass
		50	0	20.85	0.30	18.70	<=38.45	Pass
	844	1	0	22.21	0.30	20.06	<=38.45	Pass
			25	22.27	0.30	20.12	<=38.45	Pass
			49	22.20	0.30	20.05	<=38.45	Pass
		25	0	20.67	0.30	18.52	<=38.45	Pass
			13	20.71	0.30	18.56	<=38.45	Pass
			25	20.57	0.30	18.42	<=38.45	Pass
		50	0	20.61	0.30	18.46	<=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	-3.433	-0.0042	-2.5 to 2.5	Pass
					3.85	-6.709	-0.0081	-2.5 to 2.5	Pass
					4.43	-3.777	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.509	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-8.998	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-3.133	-0.0038	-2.5 to 2.5	Pass
				0	3.85	4.406	0.0053	-2.5 to 2.5	Pass
				10	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-5.679	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-2.775	-0.0034	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-12.231	-0.0146	-2.5 to 2.5	Pass

					3.85	-13.118	-0.0157	-2.5 to 2.5	Pass
					4.43	-8.612	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-8.683	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-1.545	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-7.524	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-4.892	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-9.513	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-7.768	-0.0093	-2.5 to 2.5	Pass
	848.3	6	0		3.27	-3.433	-0.0040	-2.5 to 2.5	Pass
				20	3.85	-11.172	-0.0132	-2.5 to 2.5	Pass
					4.43	-11.759	-0.0139	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-5.622	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-9.370	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-7.968	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-5.965	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-10.328	-0.0122	-2.5 to 2.5	Pass
16QAM	824.7	6	0		3.27	-8.297	-0.0101	-2.5 to 2.5	Pass
				20	3.85	-5.078	-0.0062	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.339	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-6.437	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-5.751	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-8.469	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
	836.5	6	0		3.27	-4.506	-0.0054	-2.5 to 2.5	Pass
				20	3.85	-7.210	-0.0086	-2.5 to 2.5	Pass
					4.43	-6.652	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-9.828	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-8.283	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-9.069	-0.0108	-2.5 to 2.5	Pass
				0	3.85	9.670	0.0116	-2.5 to 2.5	Pass
				10	3.85	-2.789	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-7.367	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-7.095	-0.0085	-2.5 to 2.5	Pass
	848.3	6	0		3.27	-5.980	-0.0070	-2.5 to 2.5	Pass
				20	3.85	-7.253	-0.0086	-2.5 to 2.5	Pass
					4.43	-7.868	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-6.509	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-10.314	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-8.268	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-6.323	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-5.035	-0.0059	-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	-4.277	-0.0052	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0069	-2.5 to 2.5	Pass
					4.43	-7.439	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-7.296	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-7.982	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0112	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.458	-0.0005	-2.5 to 2.5	Pass
					3.85	-9.928	-0.0119	-2.5 to 2.5	Pass
					4.43	-8.183	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-8.826	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-5.407	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-8.111	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-5.379	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-8.655	-0.0103	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	0.157	0.0002	-2.5 to 2.5	Pass
					3.85	-12.517	-0.0148	-2.5 to 2.5	Pass
					4.43	-10.142	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-9.456	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	4.091	0.0048	-2.5 to 2.5	Pass
				0	3.85	-3.018	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.507	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-7.610	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-8.826	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0072	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-5.422	-0.0066	-2.5 to 2.5	Pass
					3.85	-2.546	-0.0031	-2.5 to 2.5	Pass
					4.43	-4.005	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-9.699	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-6.394	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-7.167	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-5.779	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-10.657	-0.0129	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-7.839	-0.0094	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
					4.43	-5.064	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-8.054	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-8.097	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-5.808	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-8.011	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-6.723	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-5.207	-0.0062	-2.5 to 2.5	Pass

				50	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-4.163	-0.0049	-2.5 to 2.5	Pass
					3.85	-7.524	-0.0089	-2.5 to 2.5	Pass
					4.43	-6.866	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-8.368	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-6.495	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-7.596	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-6.065	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0070	-2.5 to 2.5	Pass
				30	3.85	12.188	0.0144	-2.5 to 2.5	Pass
				40	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.778	-0.0056	-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	-5.221	-0.0063	-2.5 to 2.5	Pass
					3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.463	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-8.039	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-4.721	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-9.170	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-4.764	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-6.452	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-7.982	-0.0097	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-1.259	-0.0015	-2.5 to 2.5	Pass
					3.85	-7.925	-0.0095	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-7.067	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-3.433	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-7.739	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0069	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.501	-0.0006	-2.5 to 2.5	Pass
					3.85	-11.301	-0.0134	-2.5 to 2.5	Pass
					4.43	-8.740	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-7.939	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-6.781	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-6.623	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-7.424	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-9.856	-0.0119	-2.5 to 2.5	Pass
					3.85	-6.580	-0.0080	-2.5 to 2.5	Pass
					4.43	-4.935	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0066	-2.5 to 2.5	Pass

				-20	3.85	-7.424	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-9.370	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-9.584	-0.0116	-2.5 to 2.5	Pass
				40	3.85	-7.796	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-6.709	-0.0081	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-2.589	-0.0031	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0063	-2.5 to 2.5	Pass
					4.43	-0.558	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-9.942	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-5.207	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.351	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-10.829	-0.0129	-2.5 to 2.5	Pass
				40	3.85	-5.665	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-9.656	-0.0114	-2.5 to 2.5	Pass
					3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-2.661	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-9.842	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-9.742	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-7.195	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-4.663	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-8.955	-0.0106	-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	-6.680	-0.0081	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0064	-2.5 to 2.5	Pass
					4.43	-5.751	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-7.882	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-7.310	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-6.380	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-8.526	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-5.808	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-5.193	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0045	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-5.622	-0.0067	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
					4.43	-4.950	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-7.882	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-6.981	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-8.154	-0.0097	-2.5 to 2.5	Pass

				40	3.85	-7.854	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-6.967	-0.0083	-2.5 to 2.5	Pass
					3.27	-5.636	-0.0067	-2.5 to 2.5	Pass
				20	3.85	-10.614	-0.0126	-2.5 to 2.5	Pass
					4.43	-6.008	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-7.968	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-6.509	-0.0077	-2.5 to 2.5	Pass
	844	50	0	-10	3.85	-8.111	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-9.027	-0.0107	-2.5 to 2.5	Pass
				30	3.85	-7.381	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-6.294	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-9.642	-0.0114	-2.5 to 2.5	Pass
					3.27	-5.651	-0.0068	-2.5 to 2.5	Pass
				20	3.85	-7.811	-0.0094	-2.5 to 2.5	Pass
					4.43	-8.540	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-11.258	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	-7.582	-0.0091	-2.5 to 2.5	Pass
	829	50	0	-10	3.85	-8.326	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-7.310	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-10.328	-0.0125	-2.5 to 2.5	Pass
				50	3.85	-10.386	-0.0125	-2.5 to 2.5	Pass
					3.27	-6.609	-0.0079	-2.5 to 2.5	Pass
				20	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-7.739	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
16QAM	836.5	50	0	-10	3.85	-7.610	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-11.187	-0.0134	-2.5 to 2.5	Pass
				30	3.85	-11.215	-0.0134	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-13.003	-0.0155	-2.5 to 2.5	Pass
					3.27	-7.424	-0.0088	-2.5 to 2.5	Pass
				20	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
					4.43	-8.712	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-7.081	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-7.253	-0.0086	-2.5 to 2.5	Pass
	844	50	0	-10	3.85	-5.693	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.337	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-9.255	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-7.939	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-6.866	-0.0081	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 B5_1.4MHz

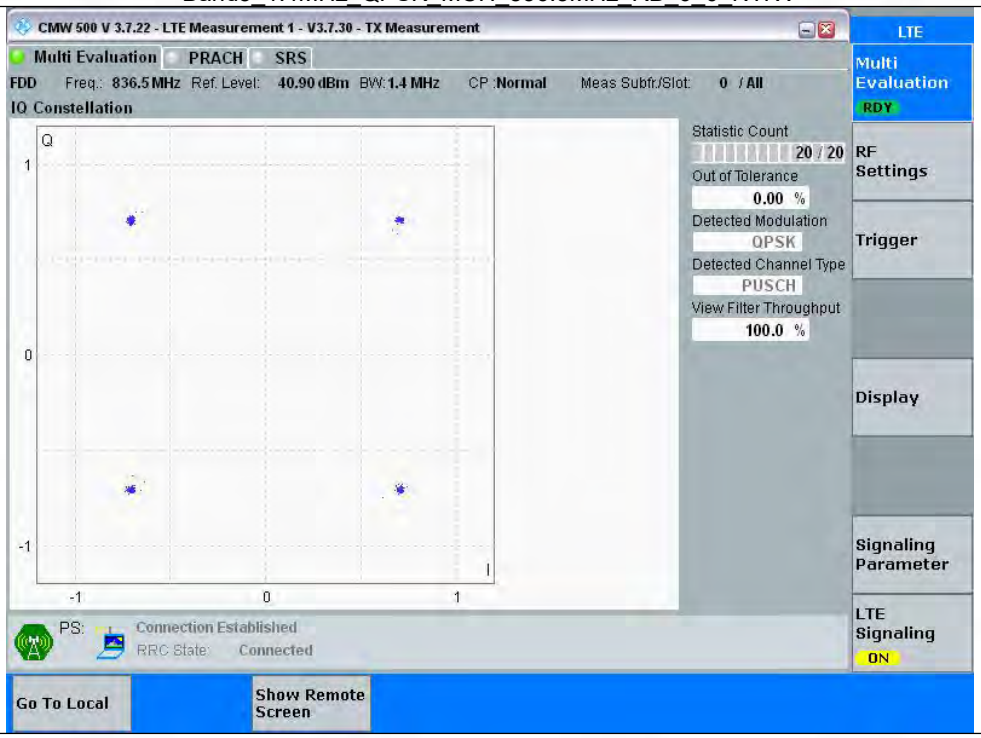
3.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	

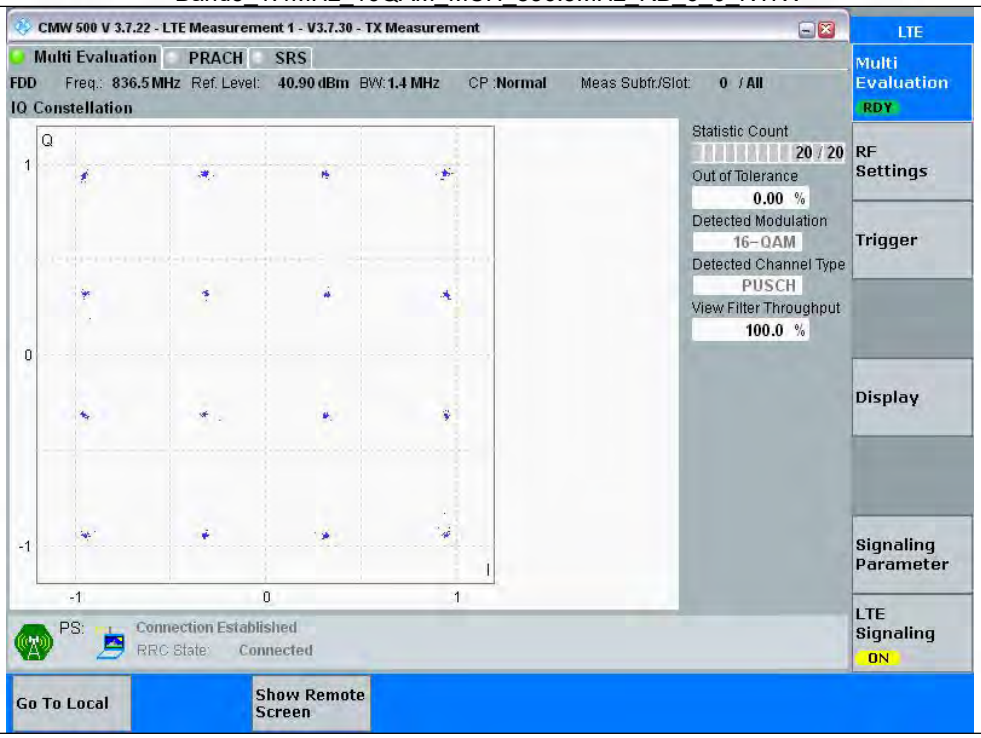
QPSK	836.5	6	0	Refer To Test Graph	Pass
16QAM	836.5	6	0	Refer To Test Graph	Pass

3.1.2 Test Graph

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



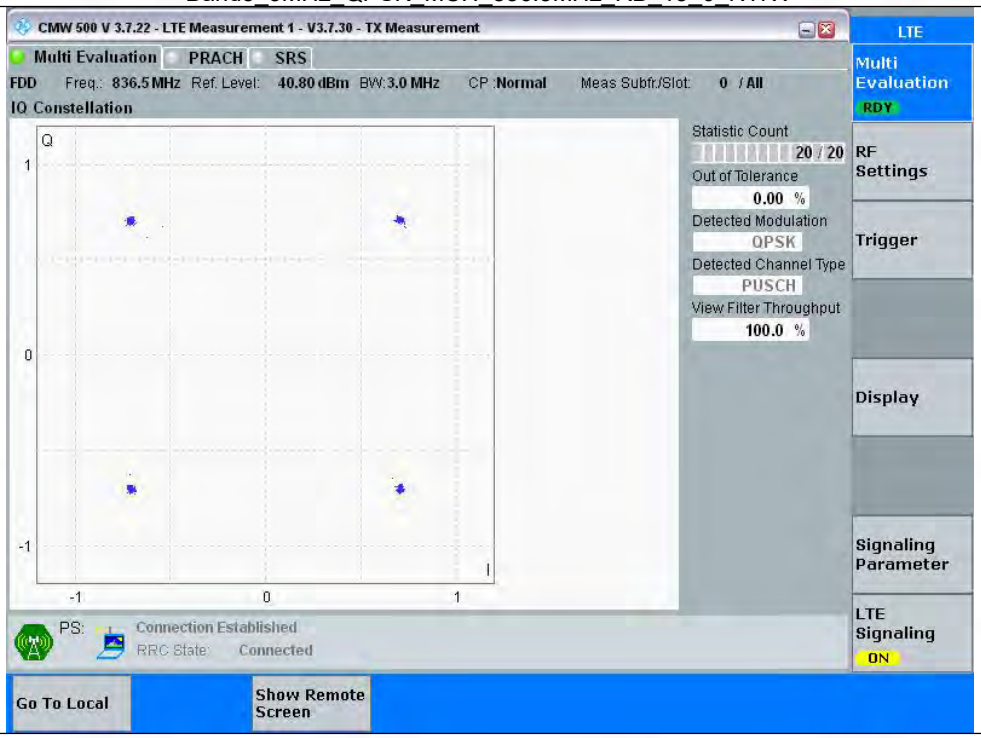
3.2 B5_3MHz

3.2.1 Test Result

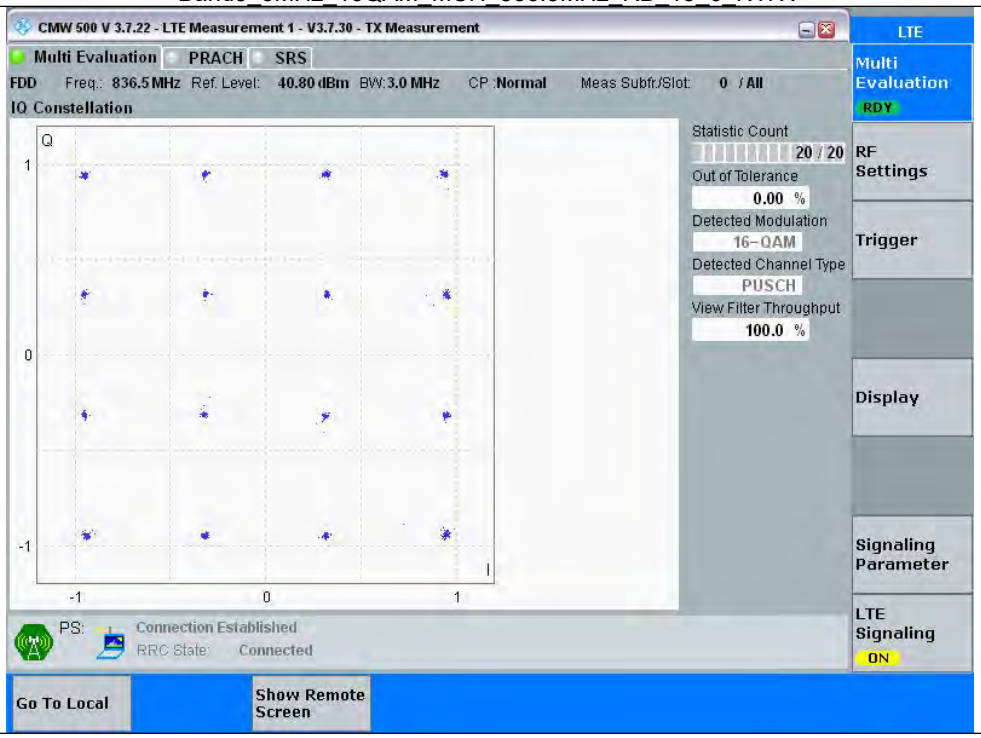
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



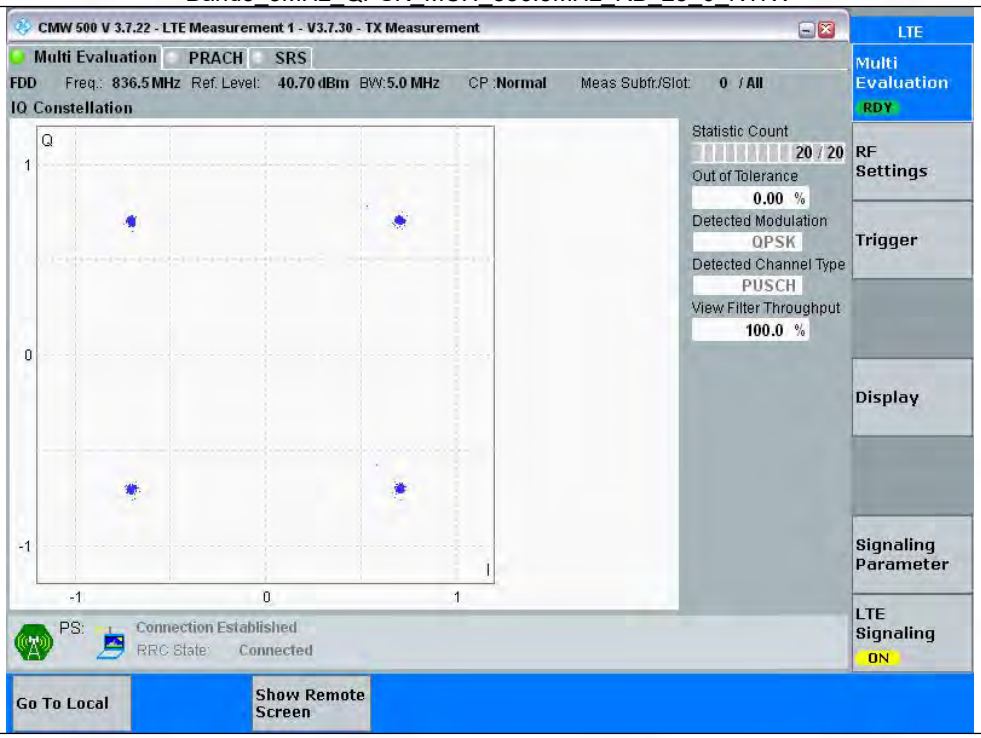
3.3 B5_5MHz

3.3.1 Test Result

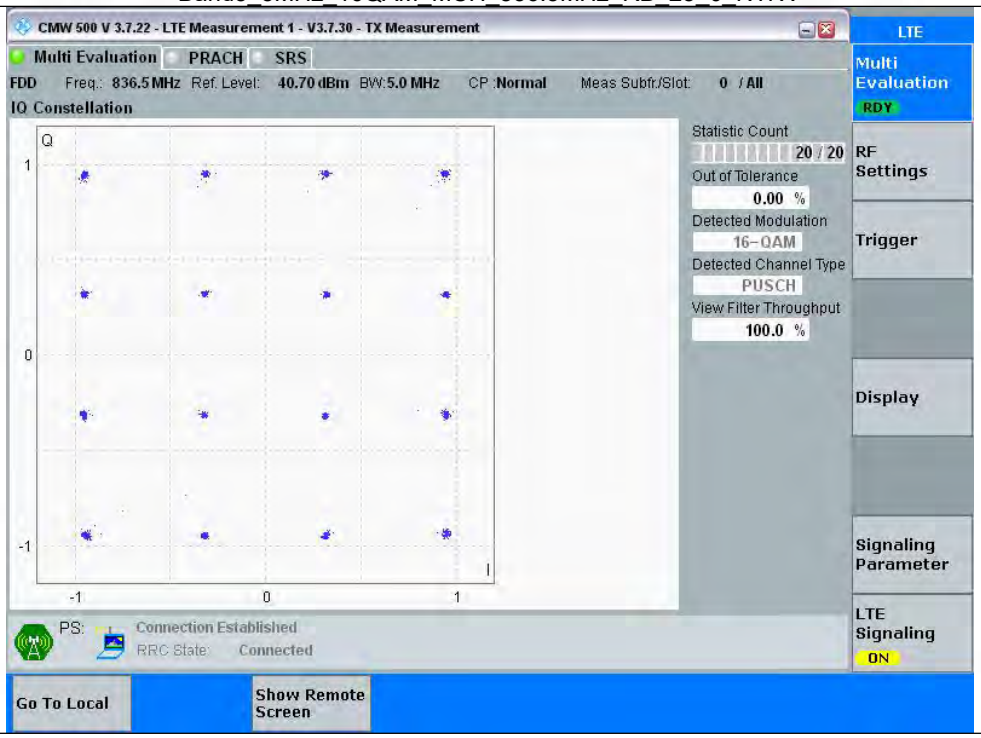
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



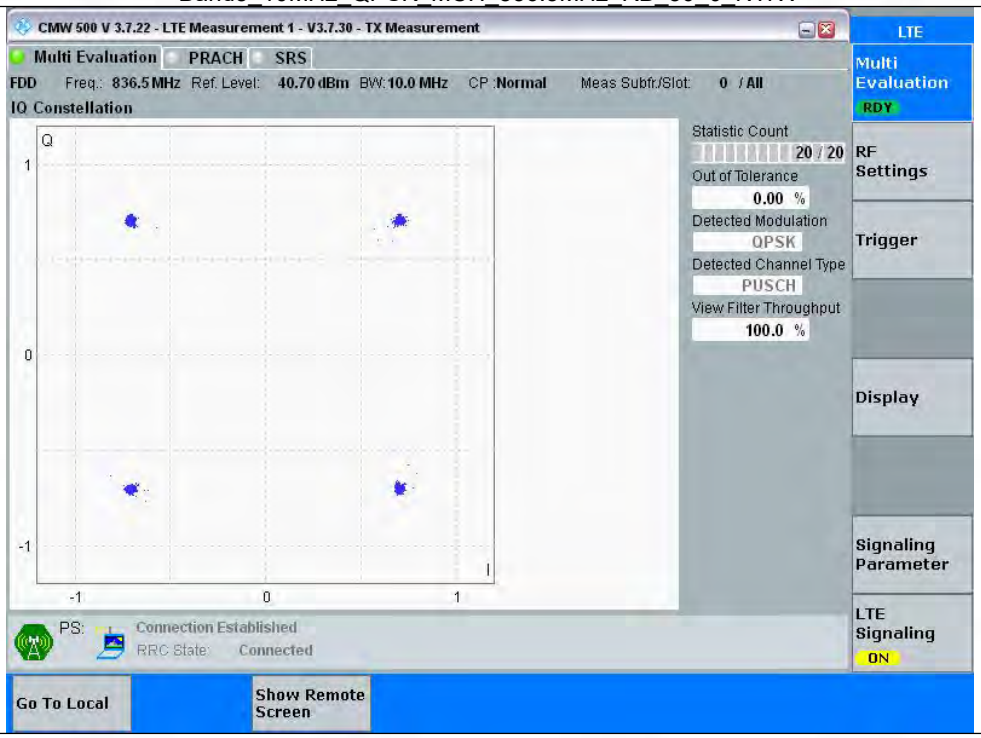
3.4 B5_10MHz

3.4.1 Test Result

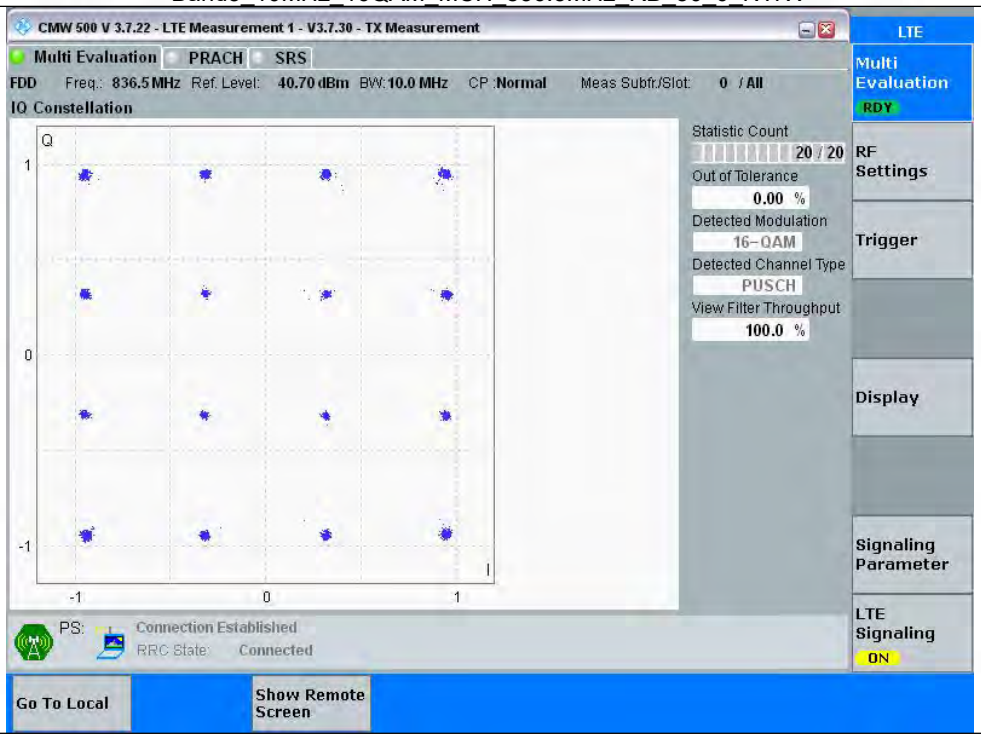
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

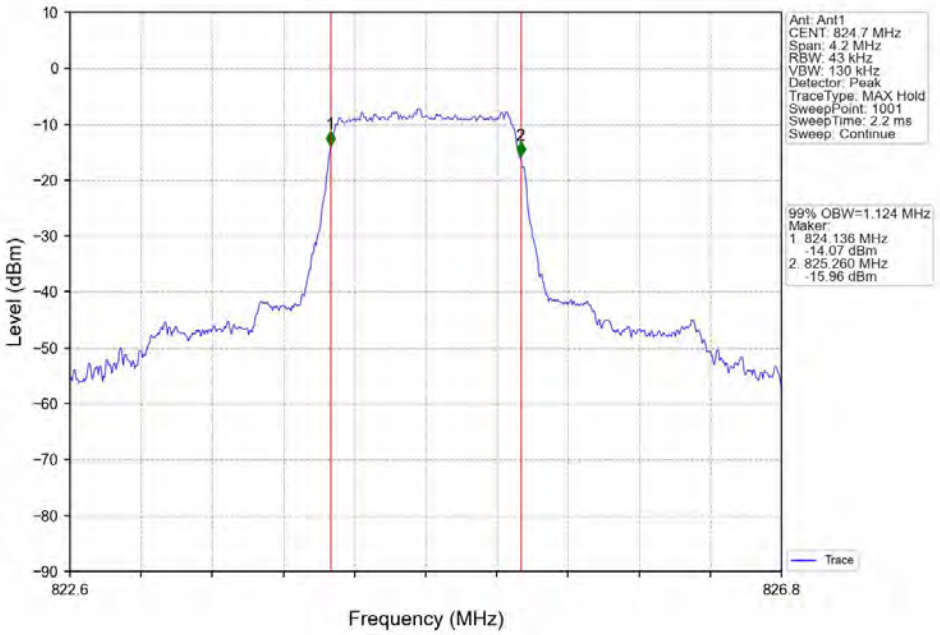
4.1 Band5_OBW

4.1.1 Test Result

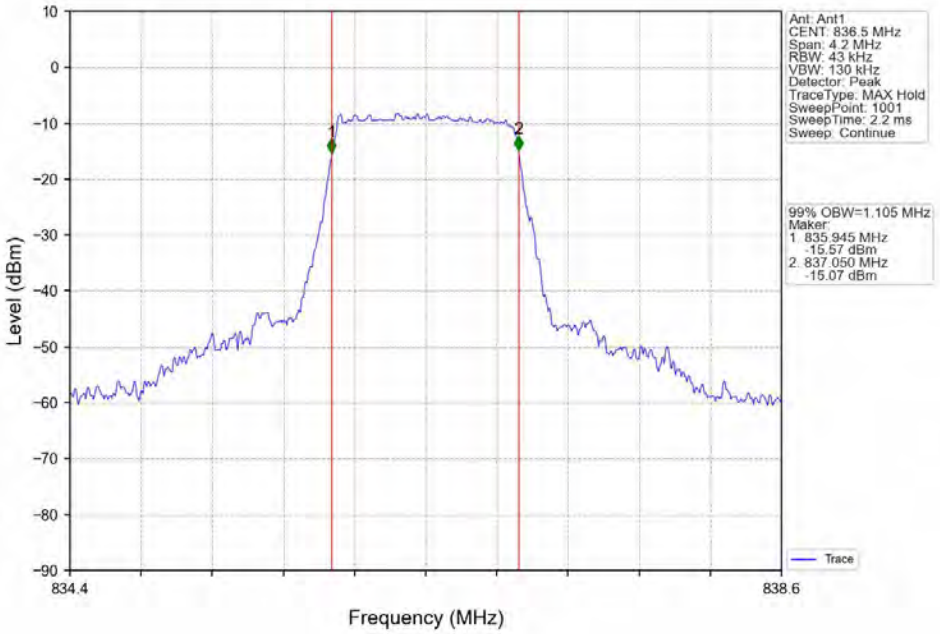
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.124	/	Pass
		836.5	6	0	1.105	/	Pass
		848.3	6	0	1.116	/	Pass
	16QAM	824.7	6	0	1.109	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.108	/	Pass
3	QPSK	825.5	15	0	2.733	/	Pass
		836.5	15	0	2.725	/	Pass
		847.5	15	0	2.727	/	Pass
	16QAM	825.5	15	0	2.719	/	Pass
		836.5	15	0	2.730	/	Pass
		847.5	15	0	2.738	/	Pass
5	QPSK	826.5	25	0	4.547	/	Pass
		836.5	25	0	4.545	/	Pass
		846.5	25	0	4.545	/	Pass
	16QAM	826.5	25	0	4.548	/	Pass
		836.5	25	0	4.553	/	Pass
		846.5	25	0	4.527	/	Pass
10	QPSK	829	50	0	9.068	/	Pass
		836.5	50	0	9.080	/	Pass
		844	50	0	8.993	/	Pass
	16QAM	829	50	0	9.074	/	Pass
		836.5	50	0	9.097	/	Pass
		844	50	0	8.987	/	Pass

4.1.2 Test Graph

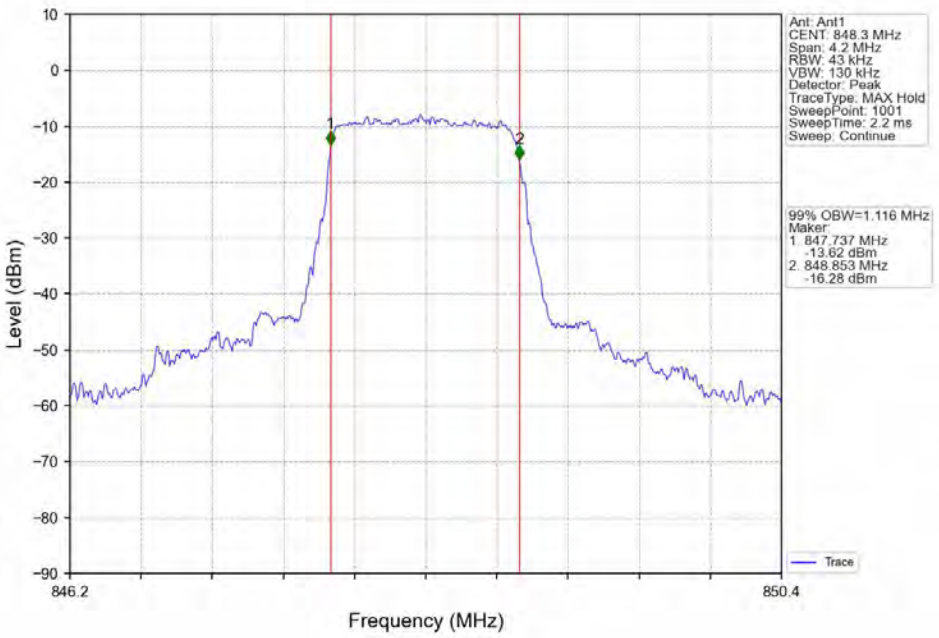
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



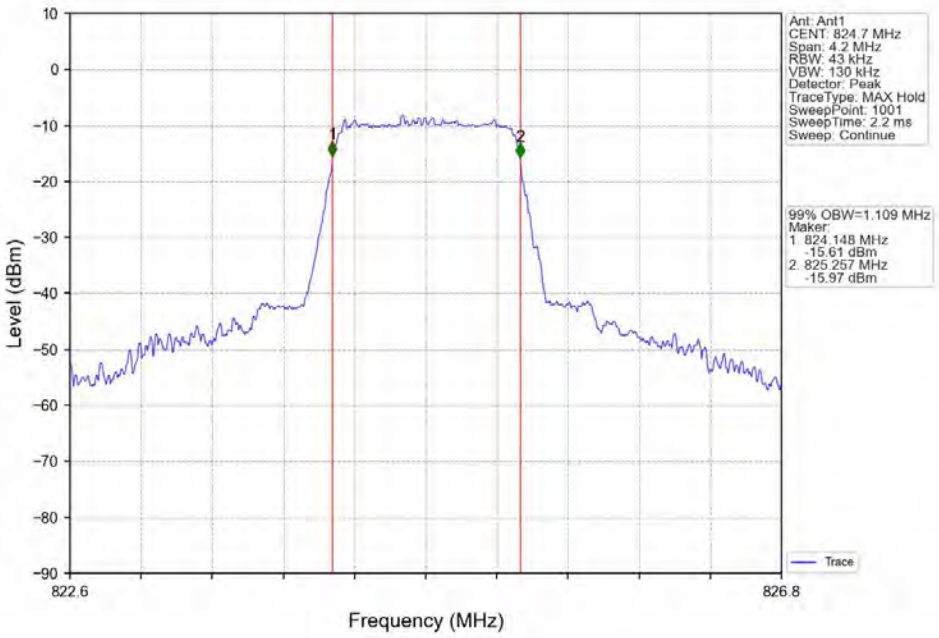
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



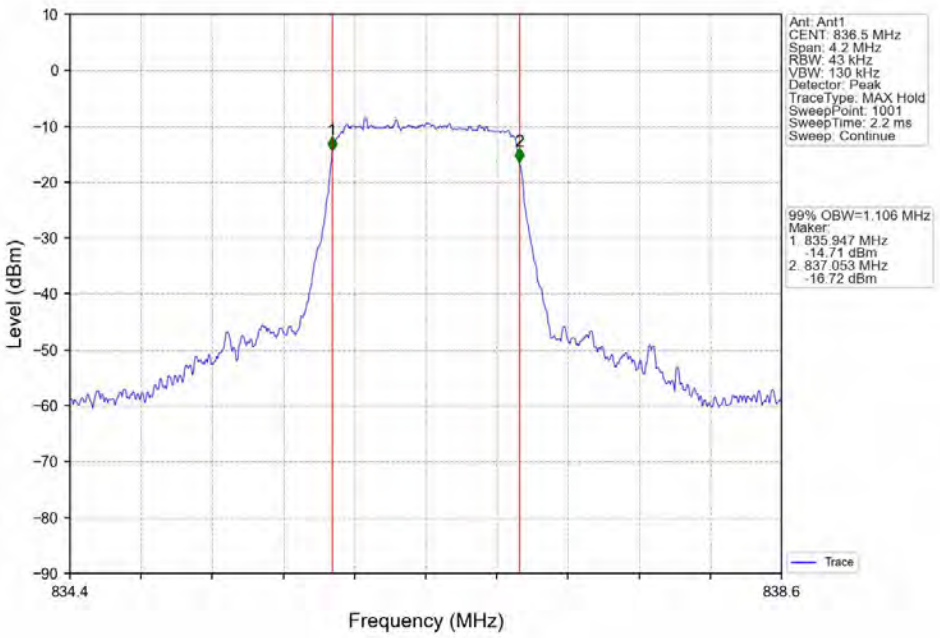
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



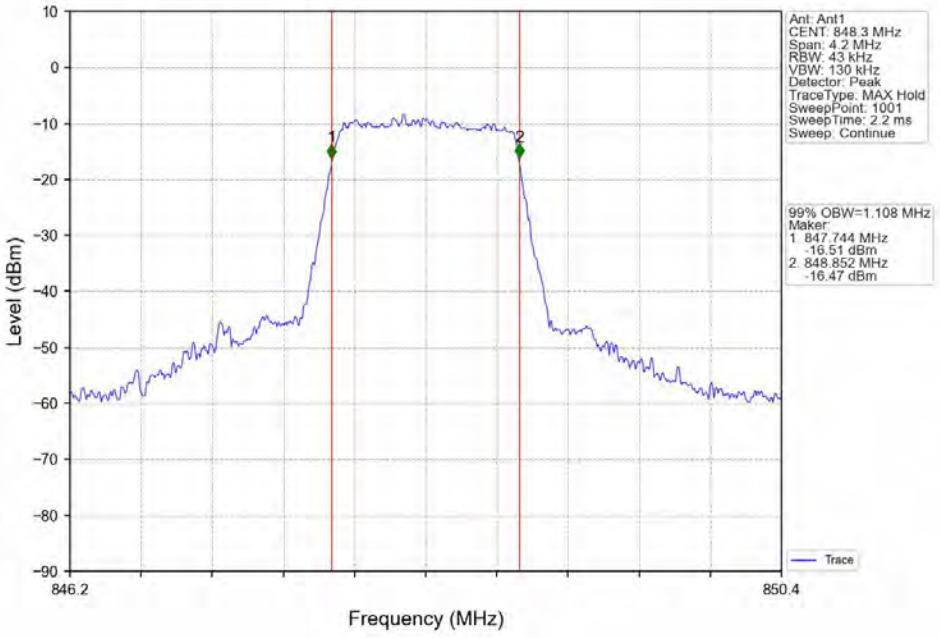
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



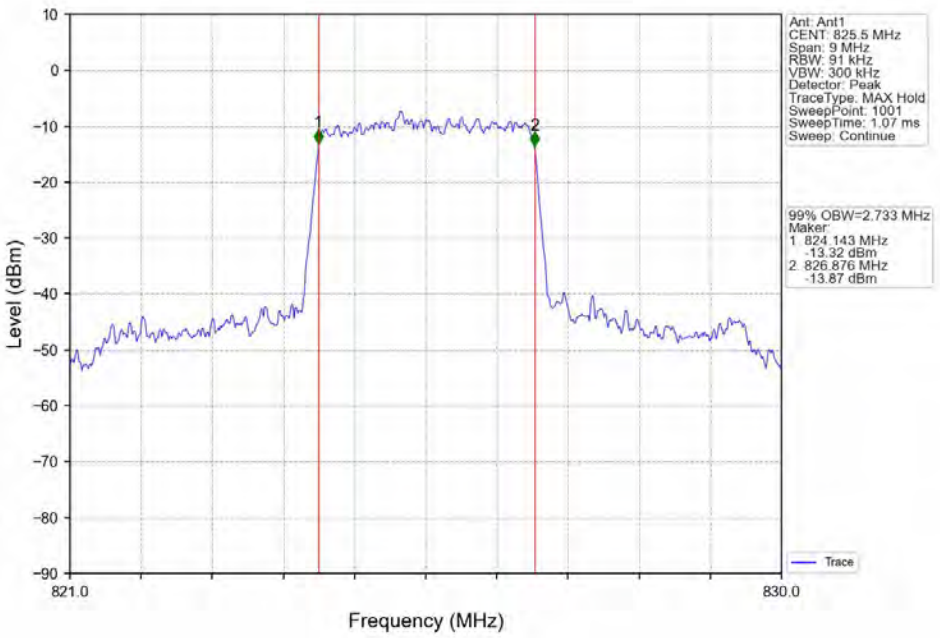
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



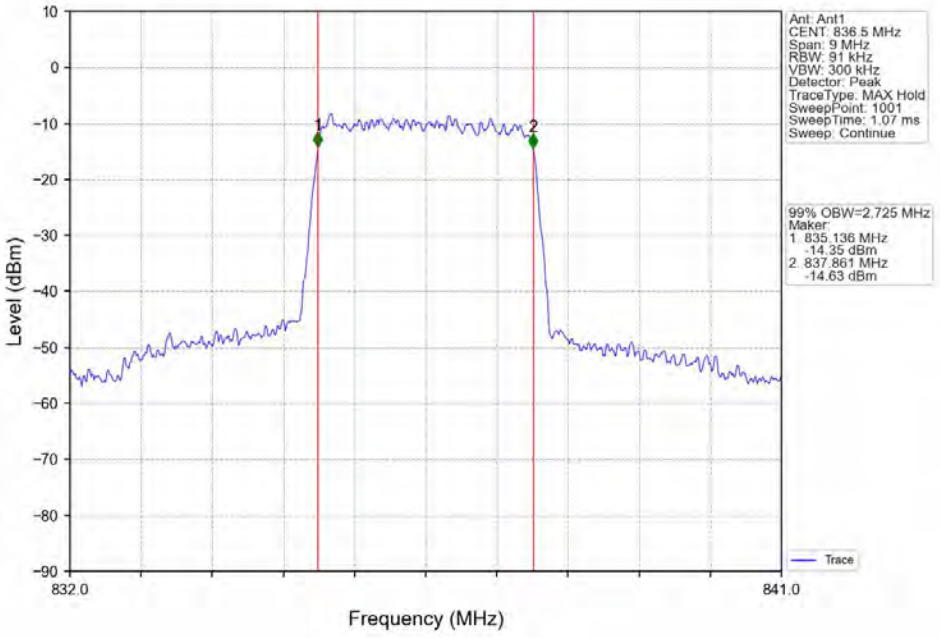
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



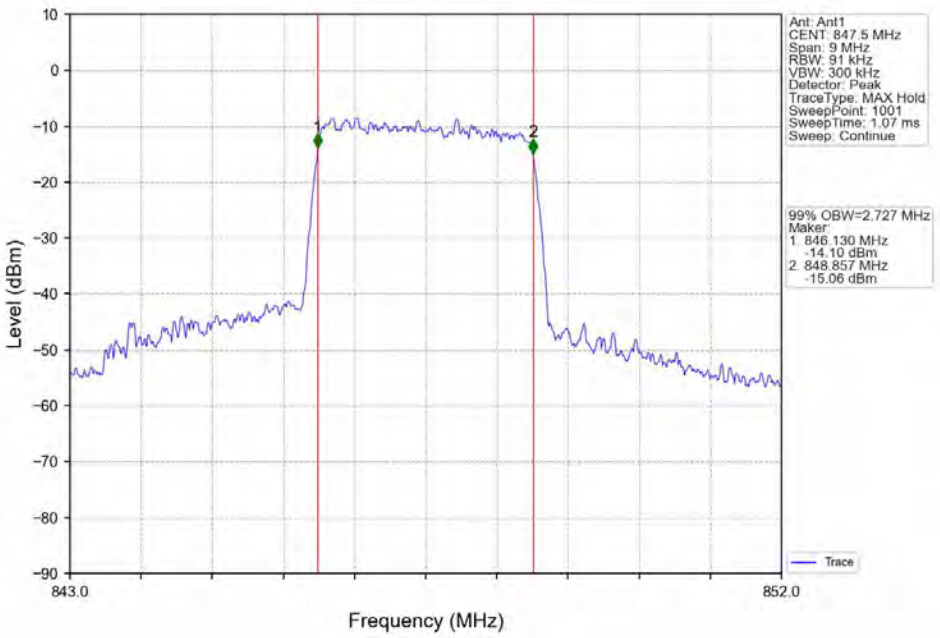
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



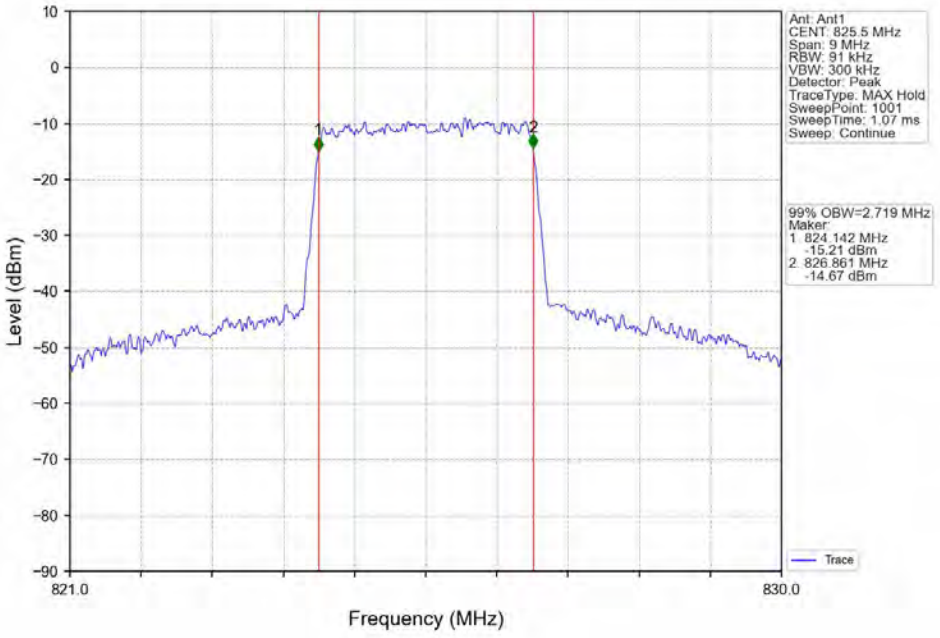
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



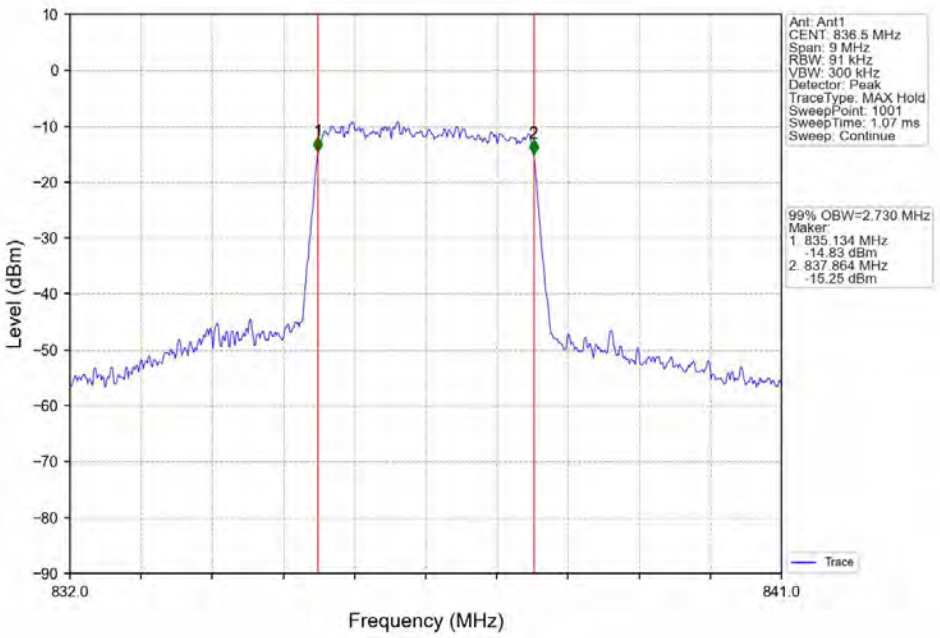
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



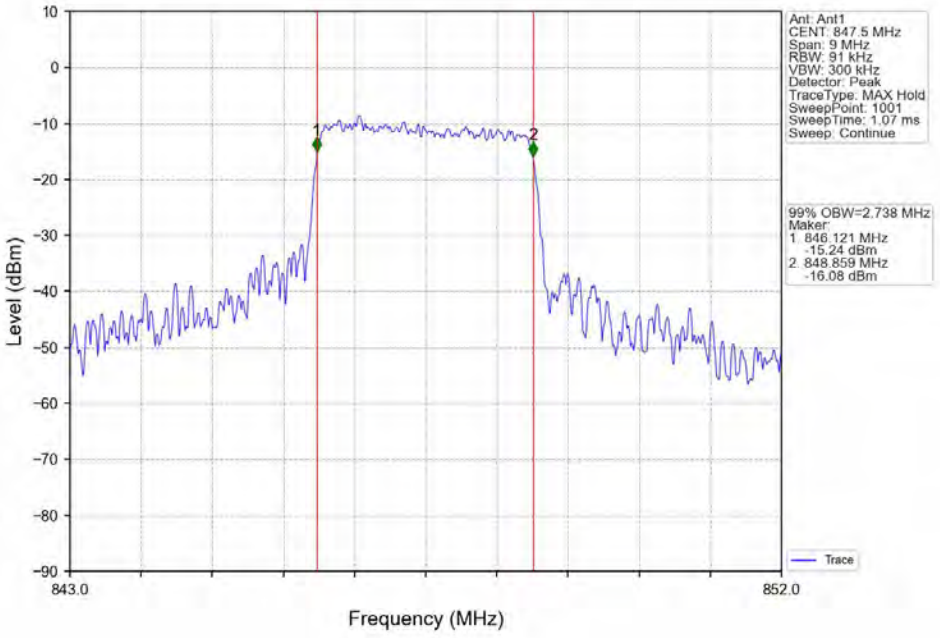
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



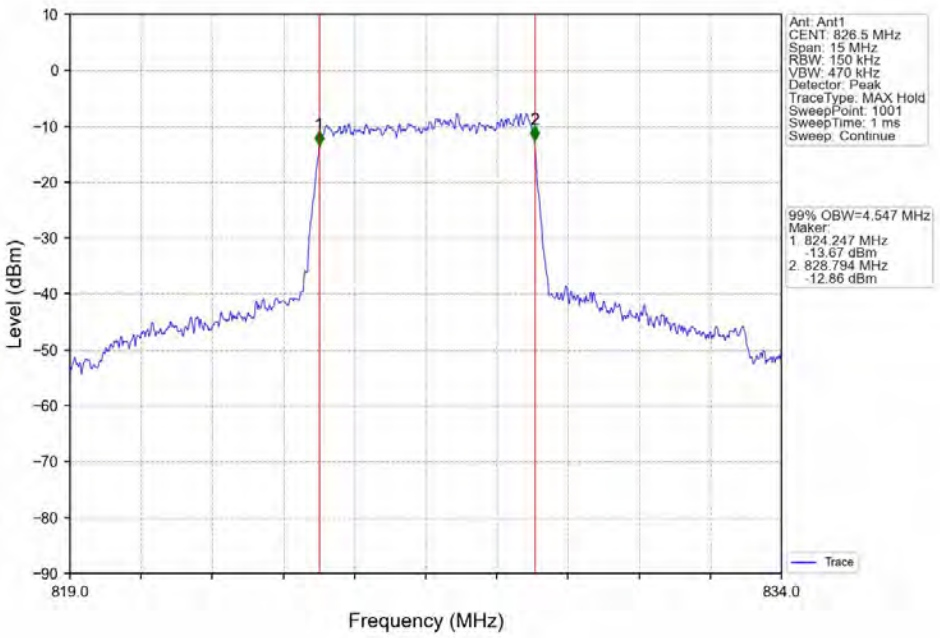
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



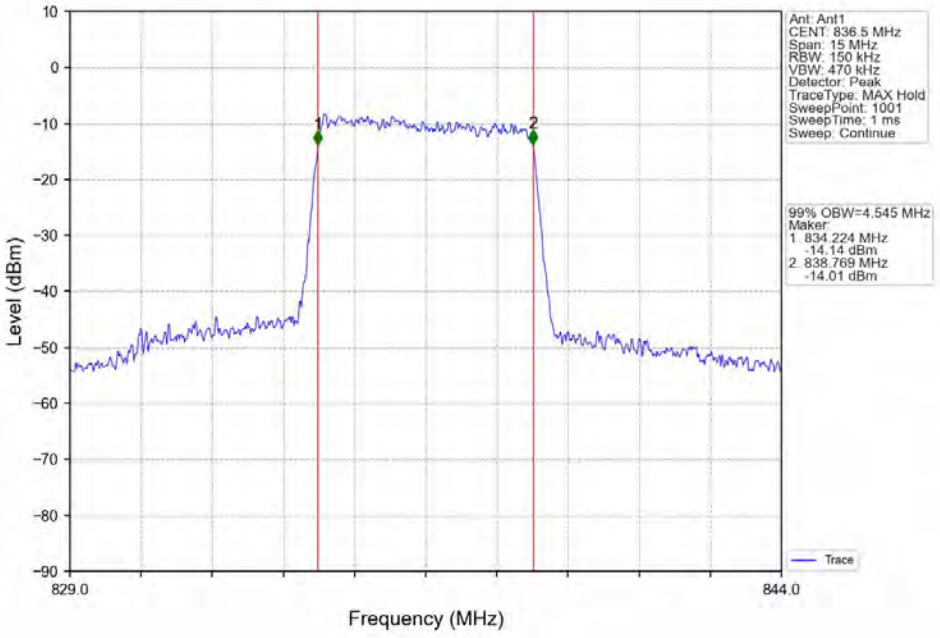
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



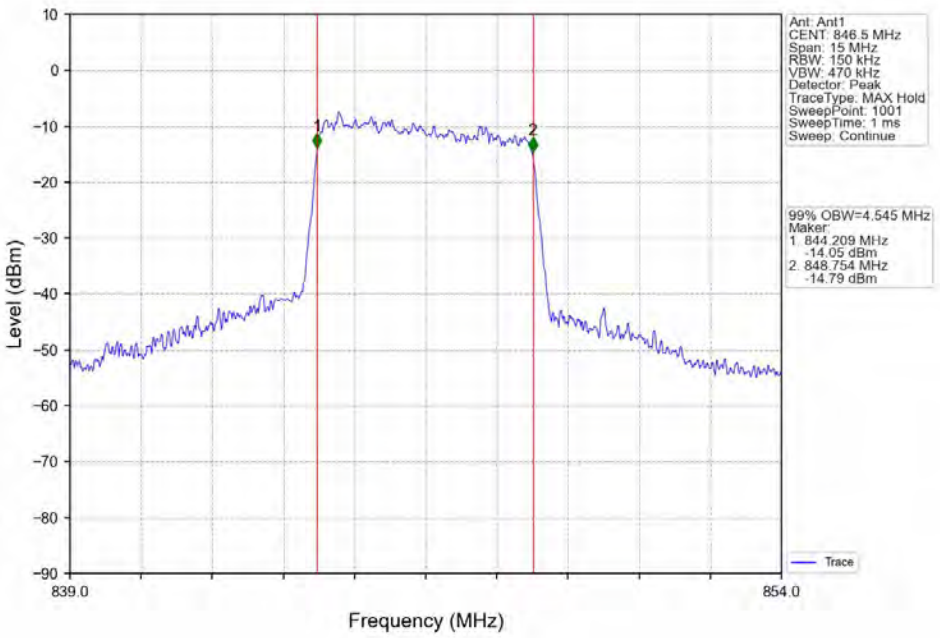
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



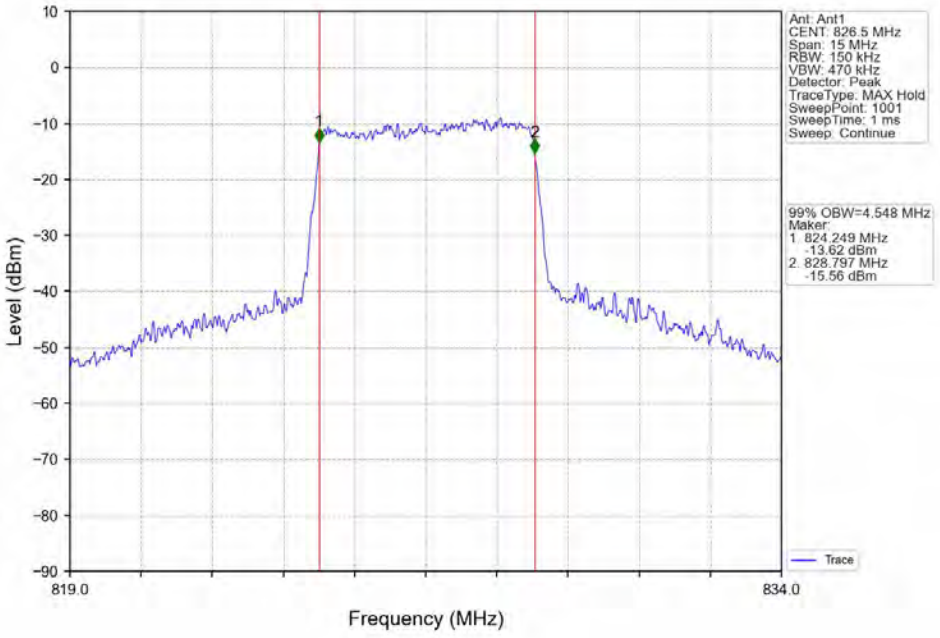
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



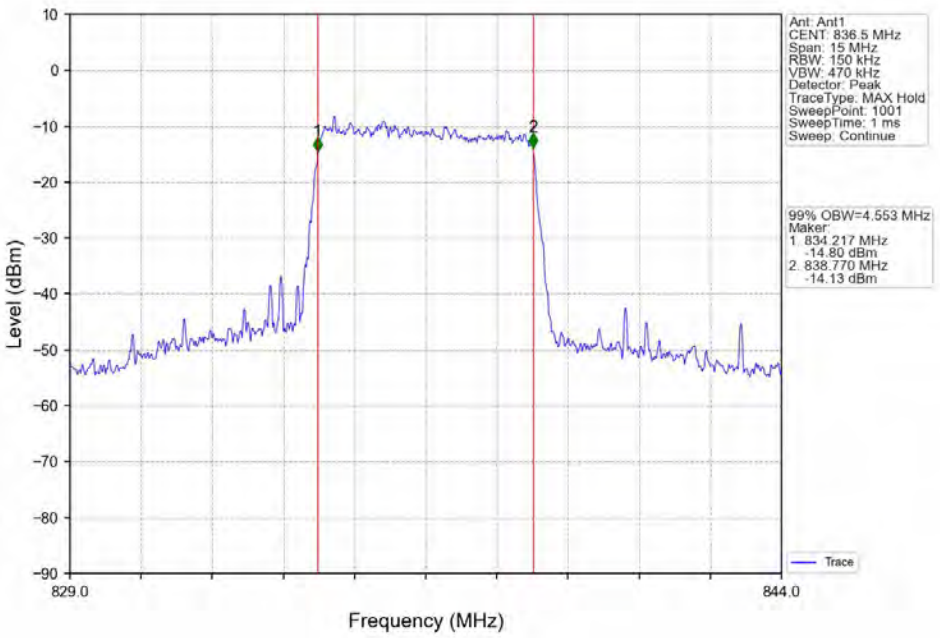
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



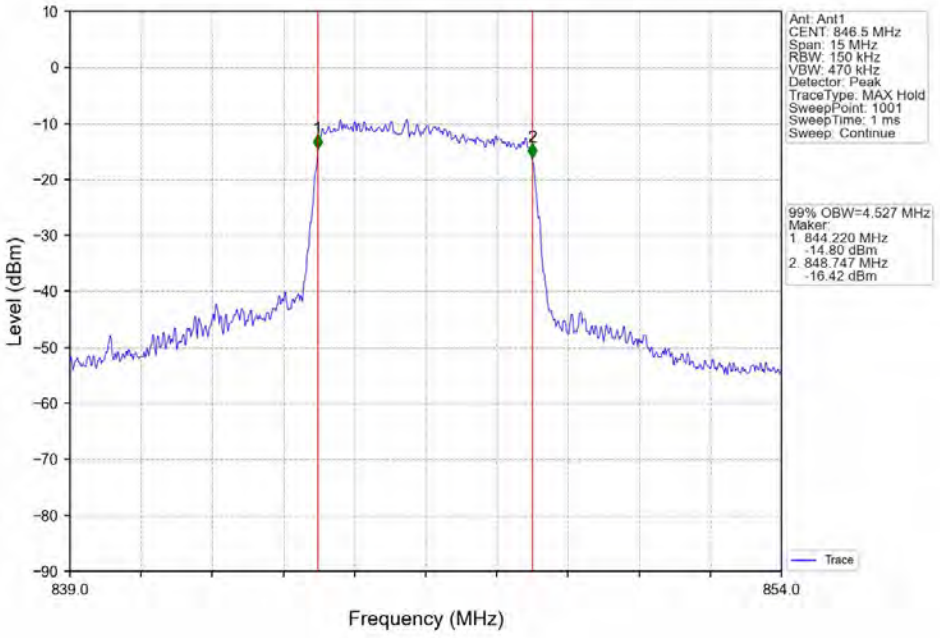
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



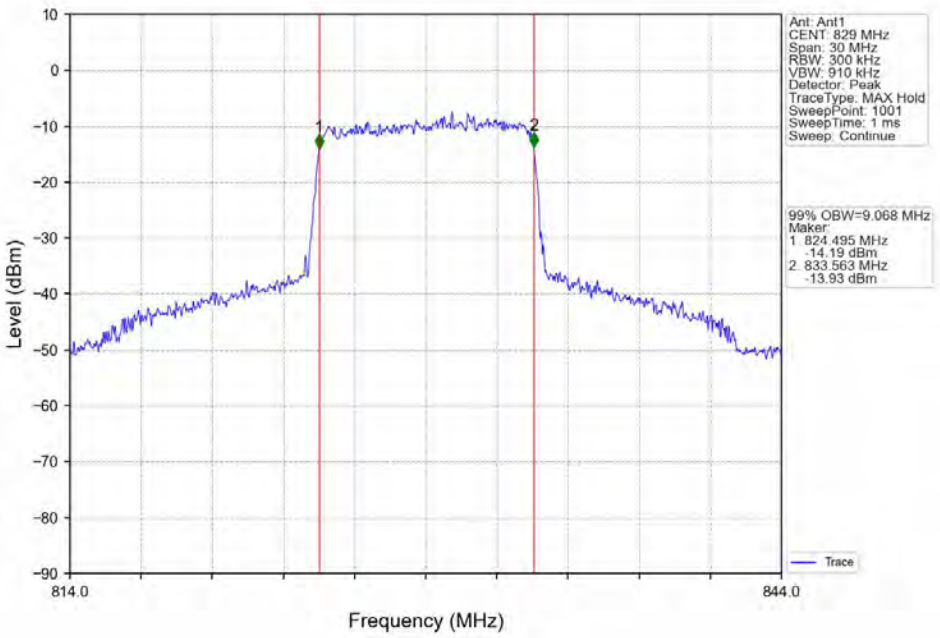
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



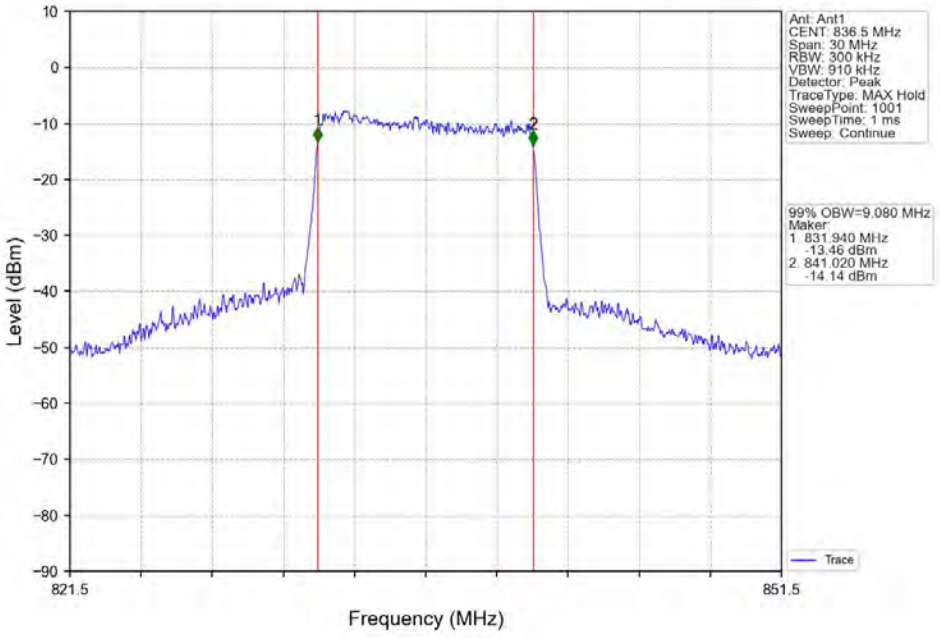
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



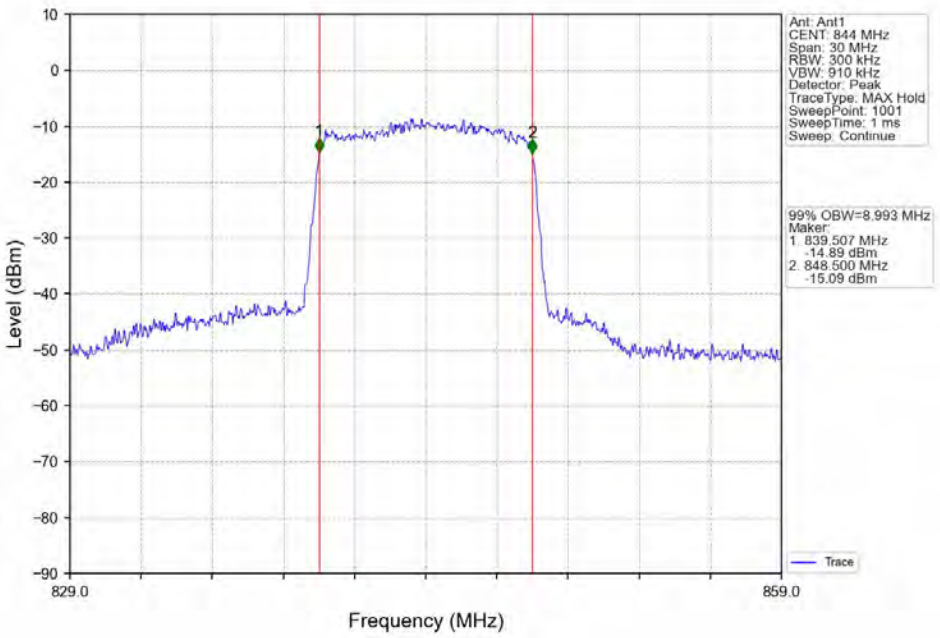
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



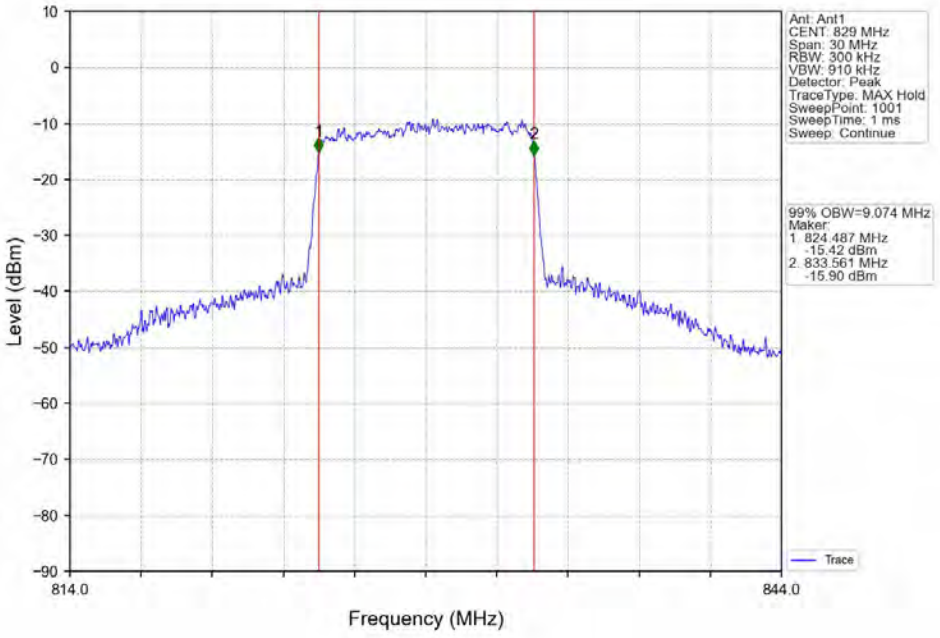
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



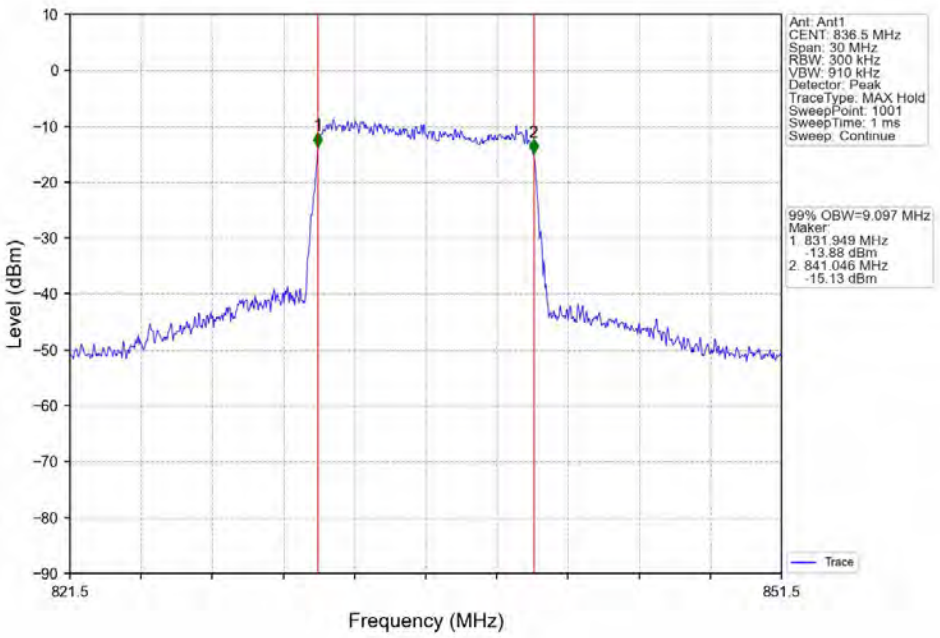
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



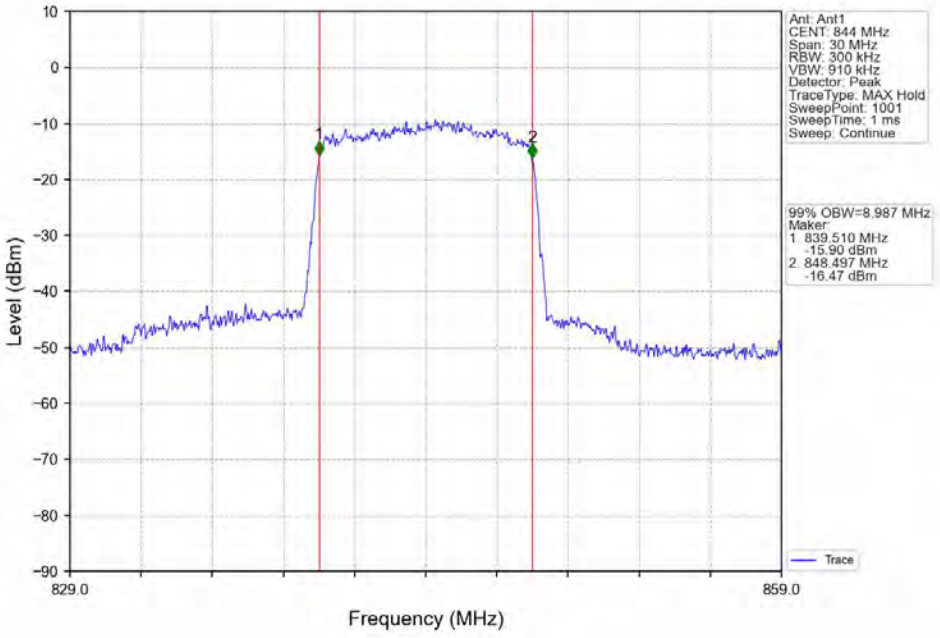
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



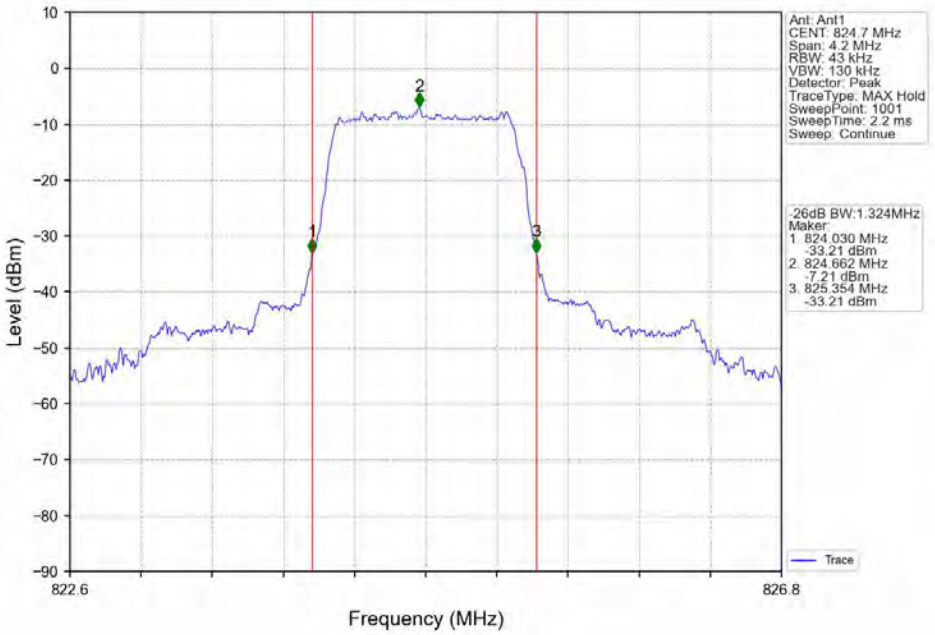
4.2 Band5_XDB

4.2.1 Test Result

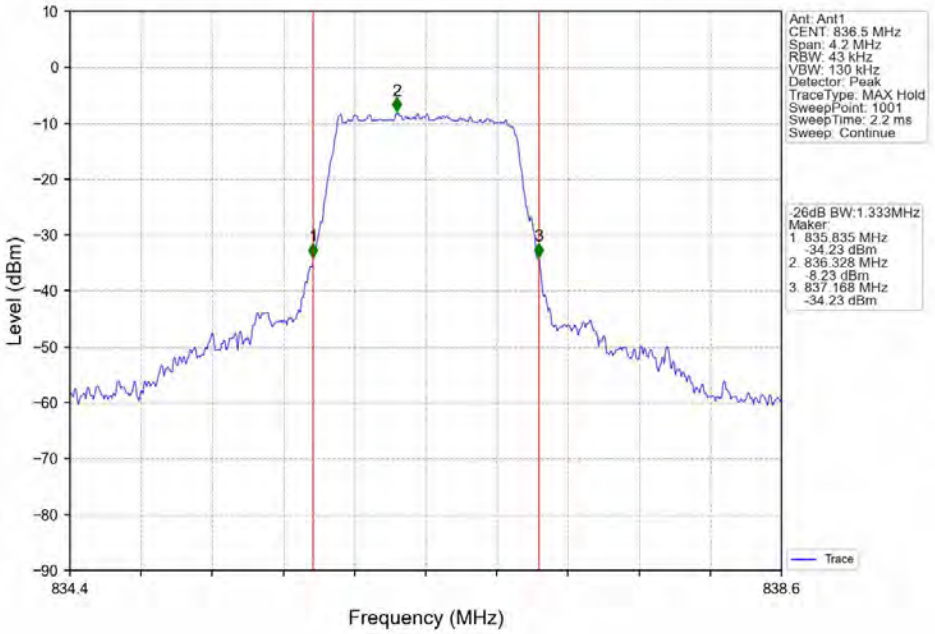
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.324	/	Pass
		836.5	6	0	1.333	/	Pass
		848.3	6	0	1.313	/	Pass
	16QAM	824.7	6	0	1.332	/	Pass
		836.5	6	0	1.298	/	Pass
		848.3	6	0	1.310	/	Pass
3	QPSK	825.5	15	0	3.003	/	Pass
		836.5	15	0	3.008	/	Pass
		847.5	15	0	3.000	/	Pass
	16QAM	825.5	15	0	3.007	/	Pass
		836.5	15	0	2.999	/	Pass
		847.5	15	0	3.569	/	Pass
5	QPSK	826.5	25	0	4.986	/	Pass
		836.5	25	0	4.984	/	Pass
		846.5	25	0	4.990	/	Pass
	16QAM	826.5	25	0	5.033	/	Pass
		836.5	25	0	5.012	/	Pass
		846.5	25	0	4.980	/	Pass
10	QPSK	829	50	0	10.078	/	Pass
		836.5	50	0	9.912	/	Pass
		844	50	0	9.837	/	Pass
	16QAM	829	50	0	9.950	/	Pass
		836.5	50	0	10.008	/	Pass
		844	50	0	9.866	/	Pass

4.2.2 Test Graph

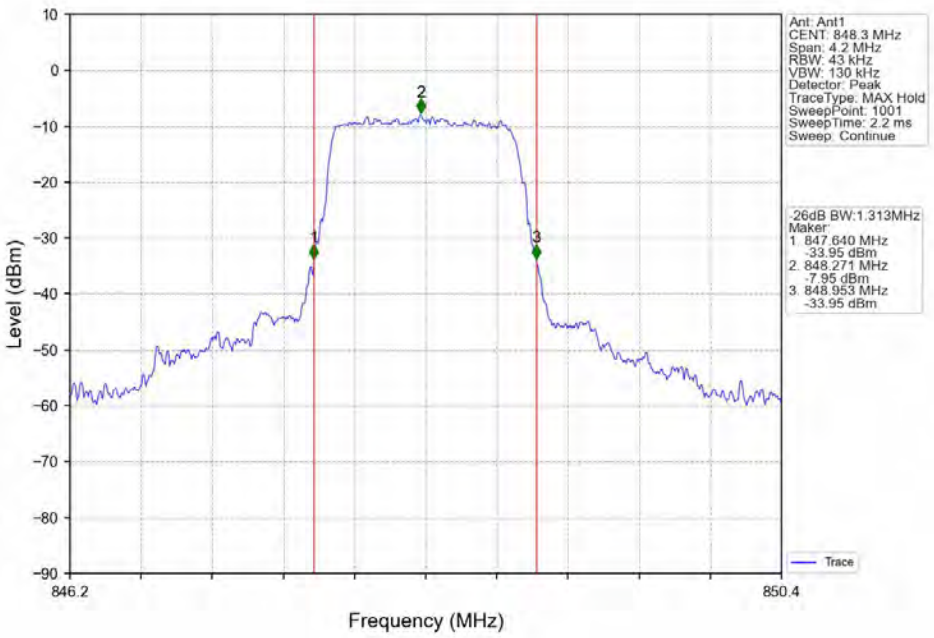
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



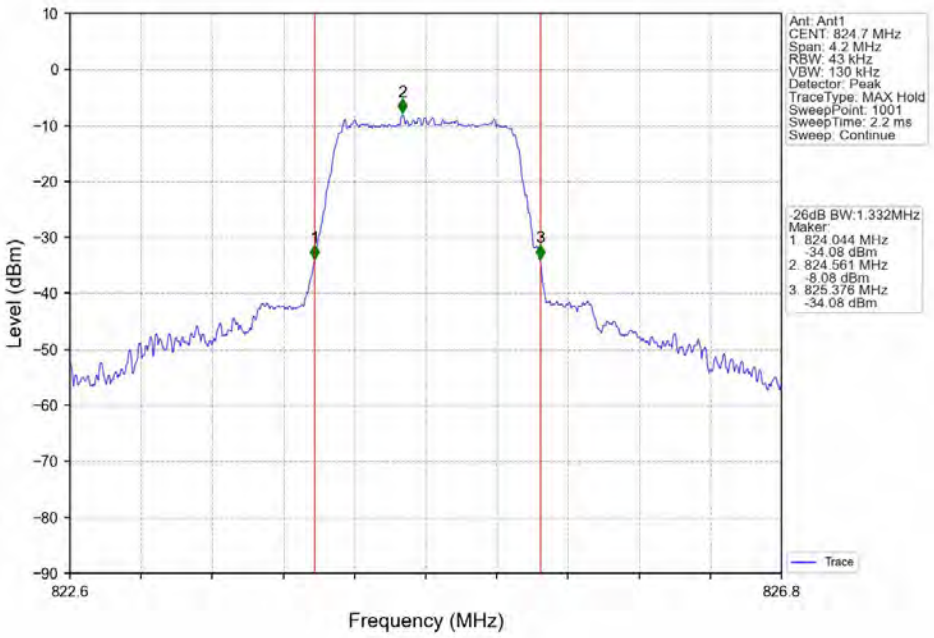
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



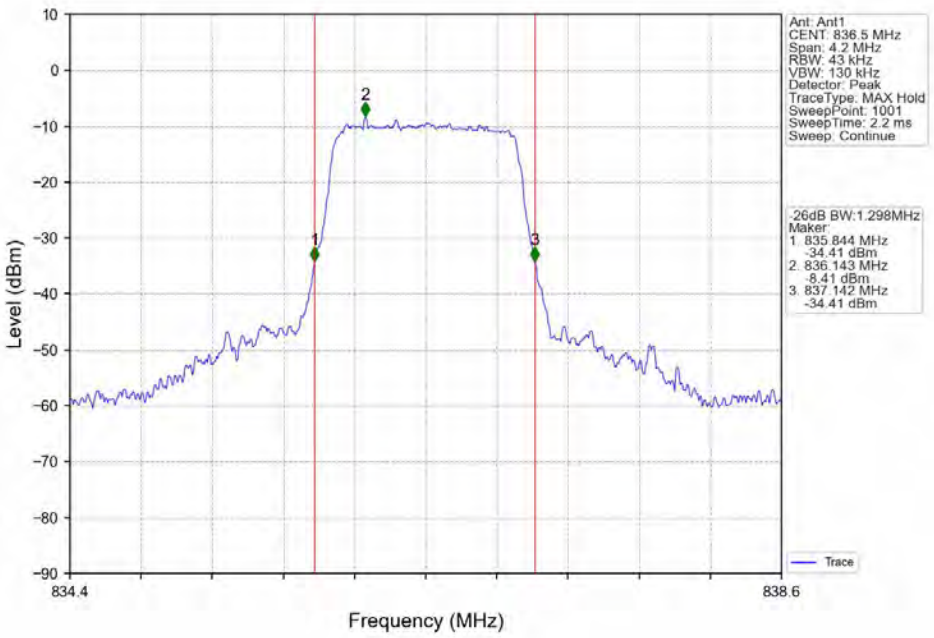
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



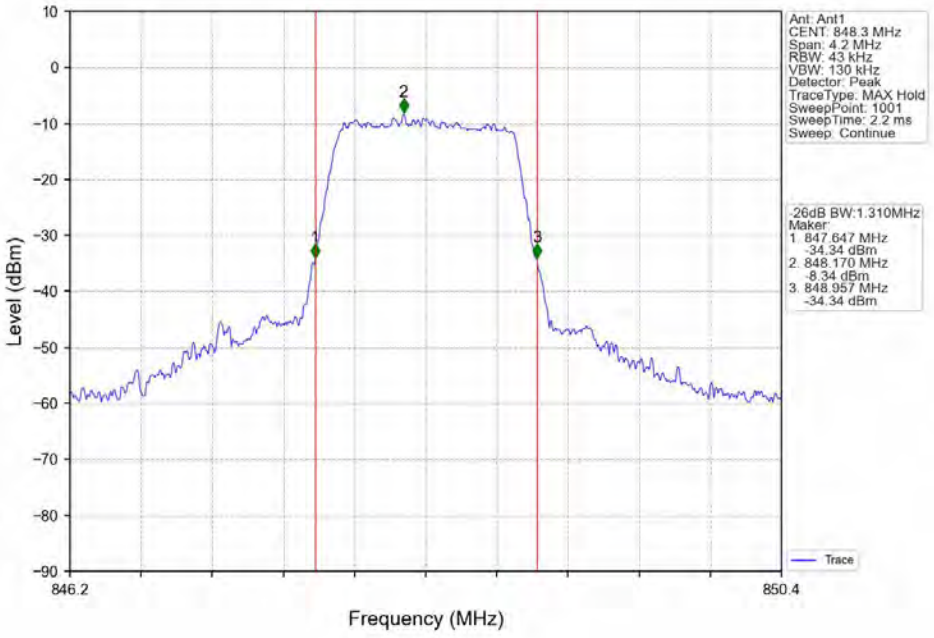
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



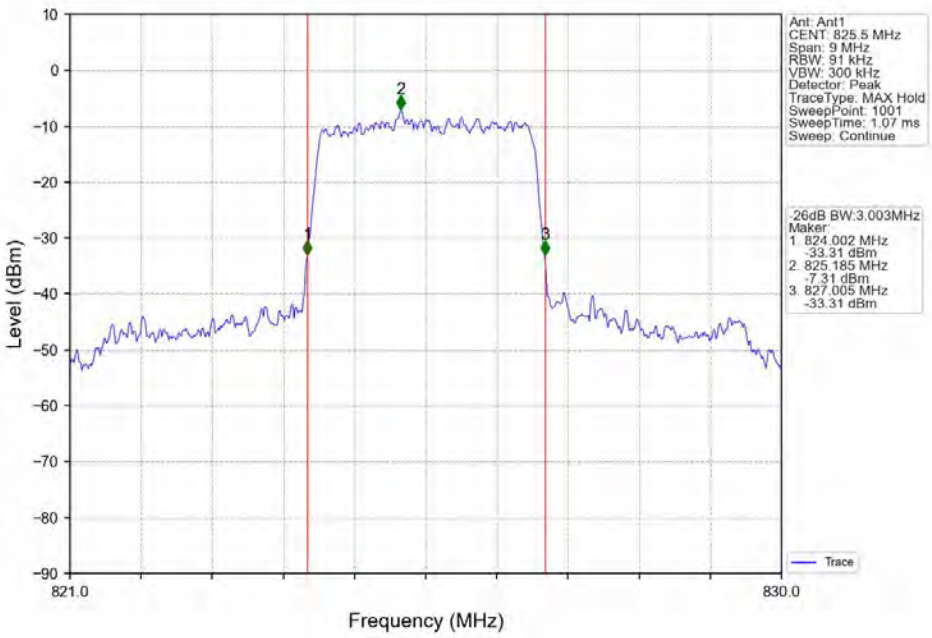
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



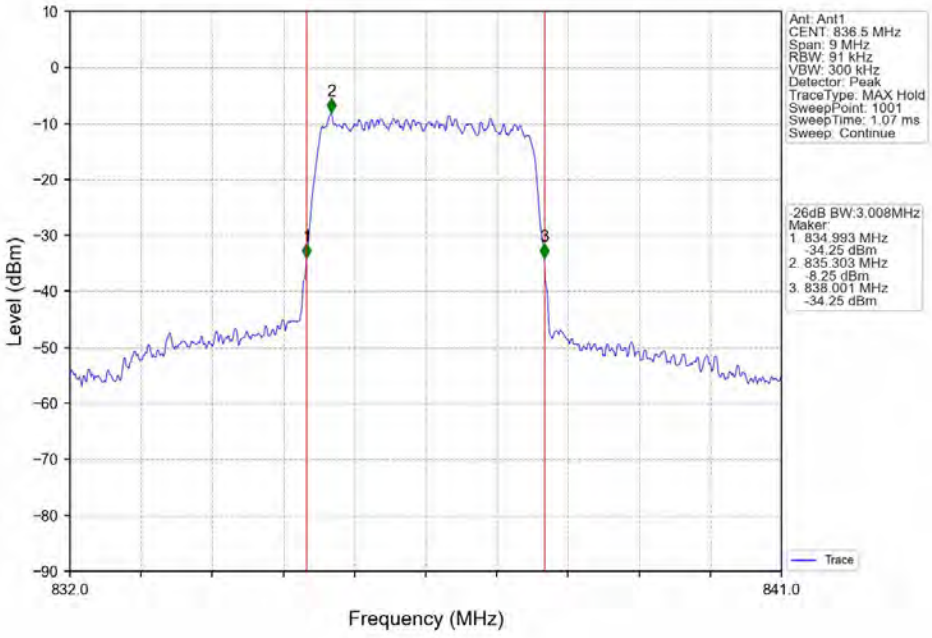
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



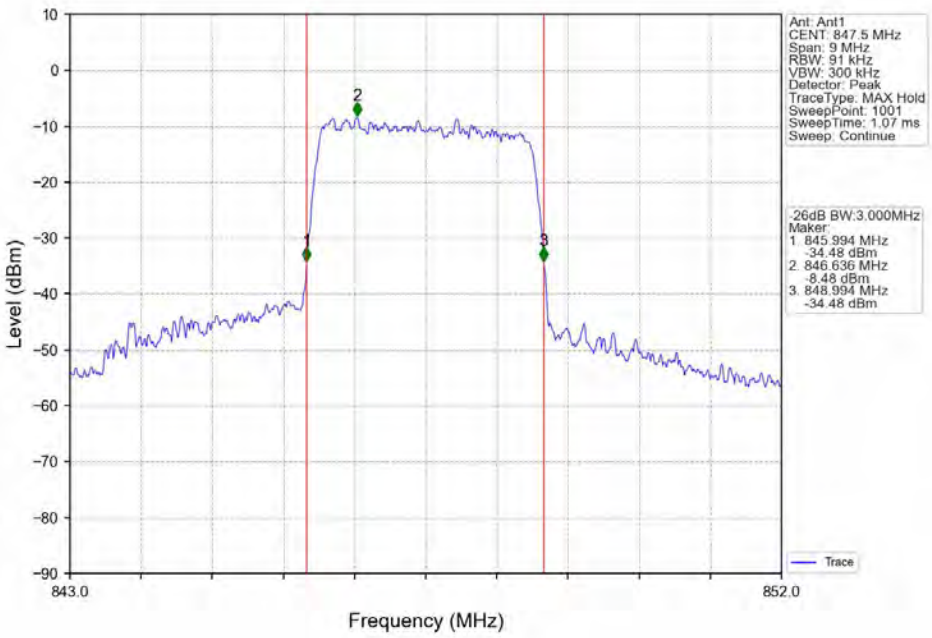
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



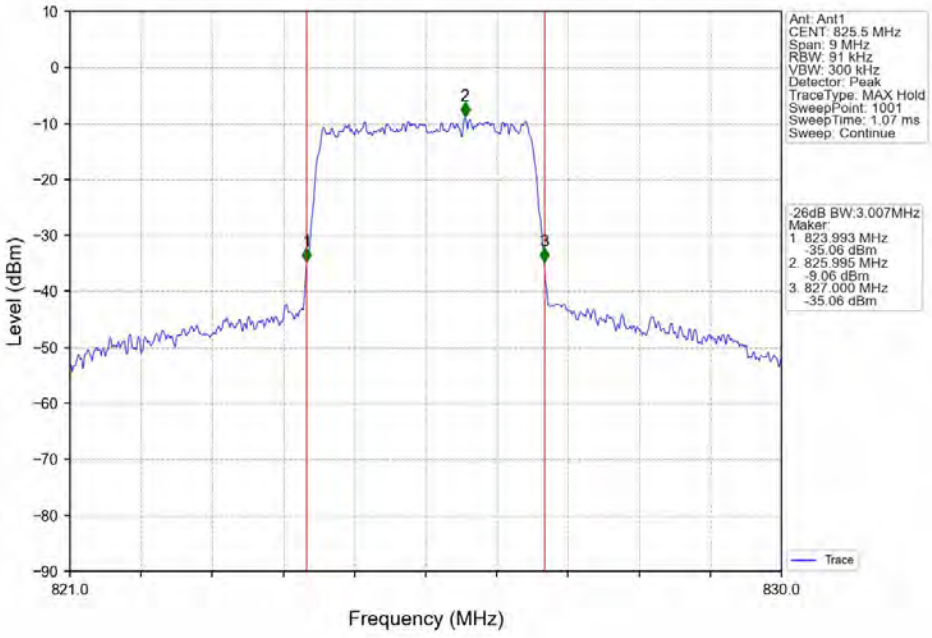
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



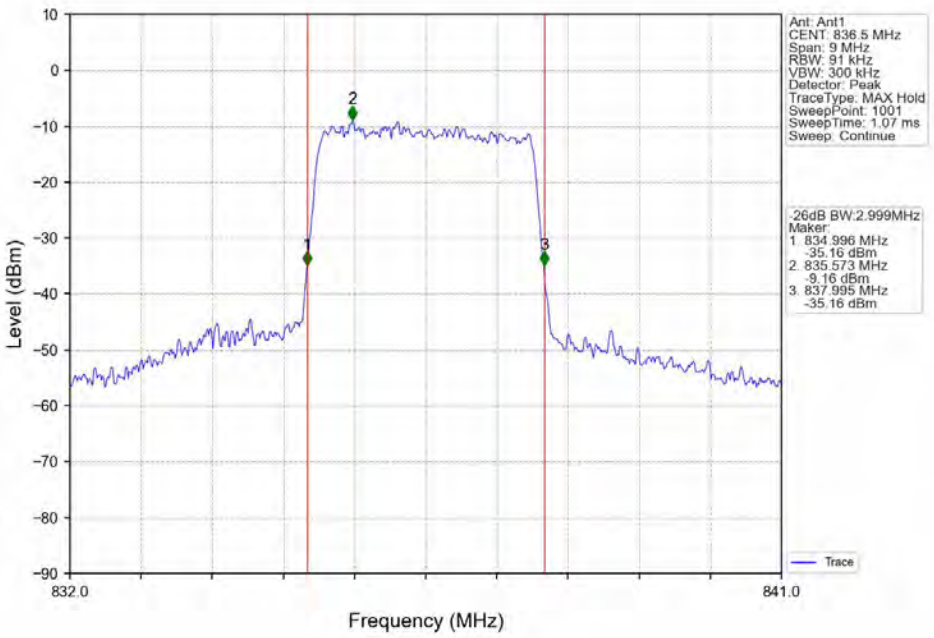
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



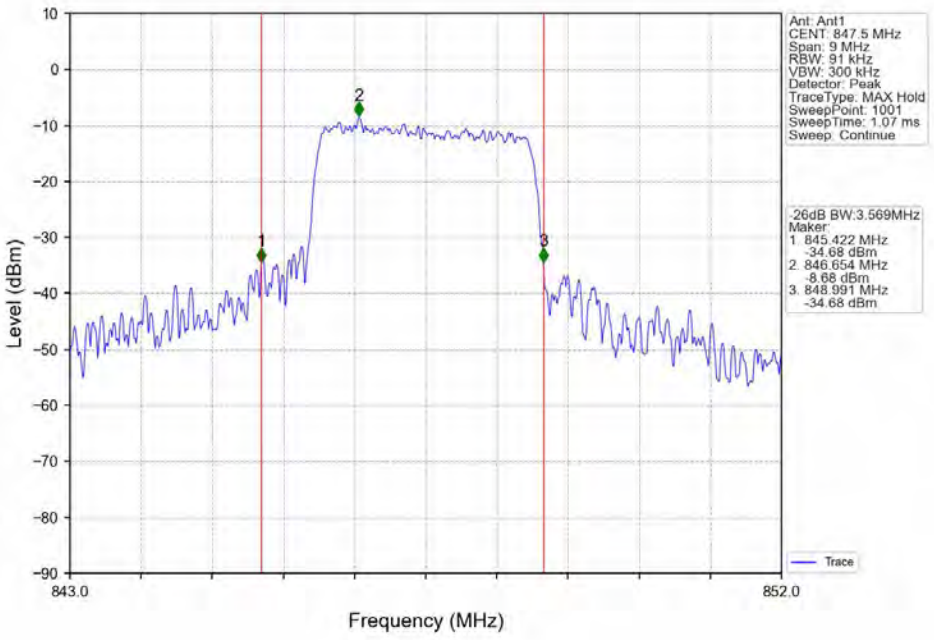
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



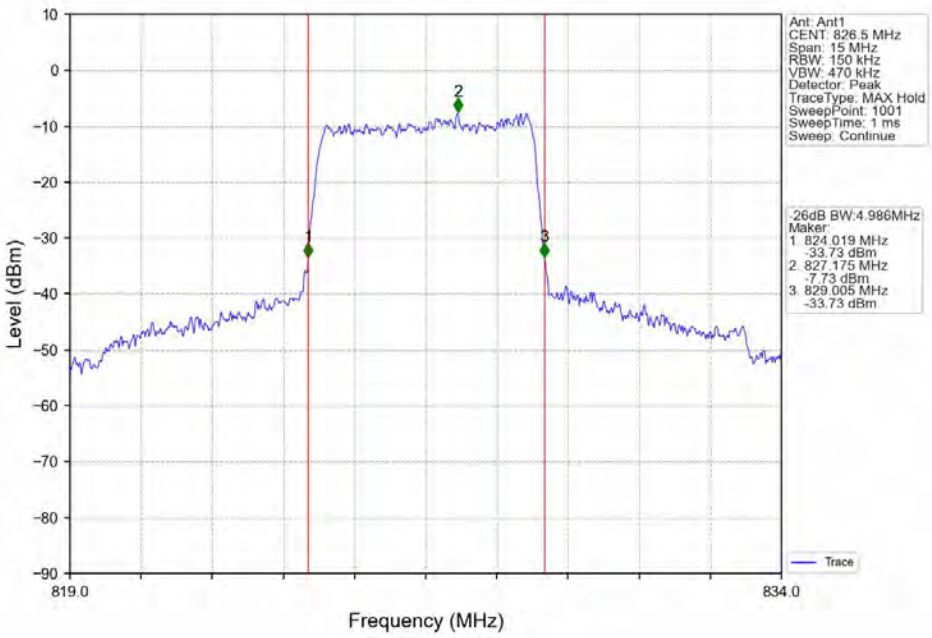
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



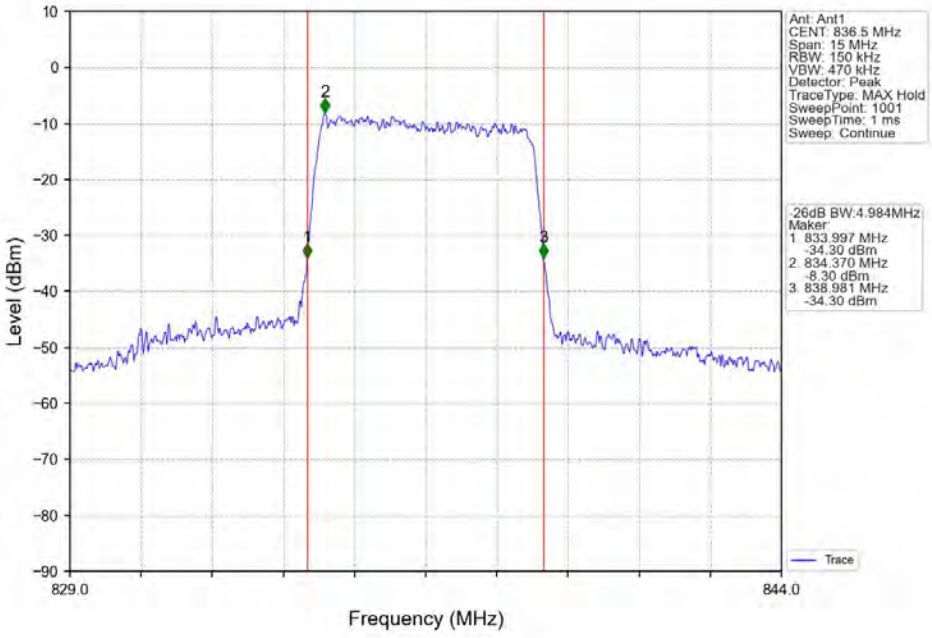
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



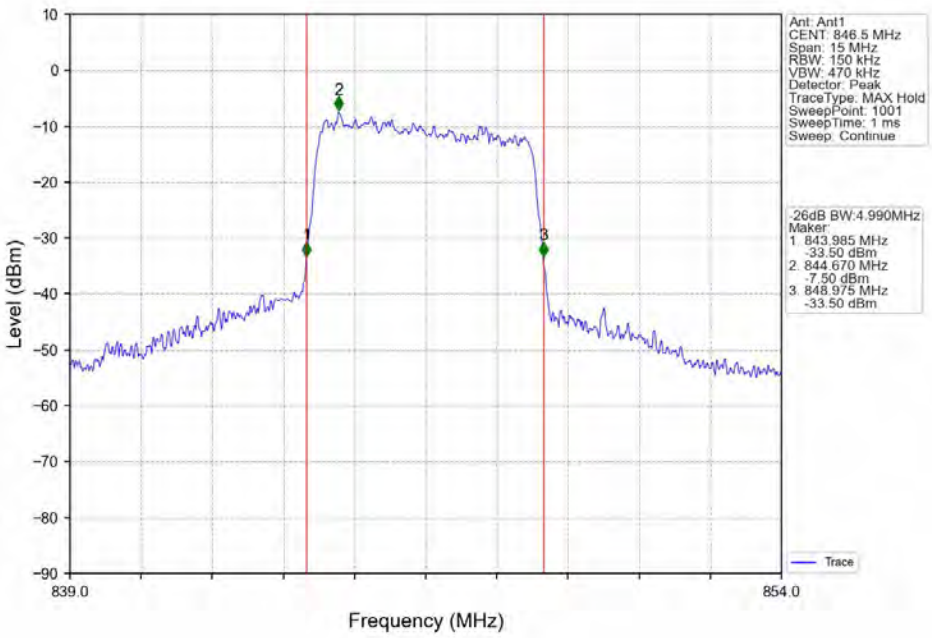
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



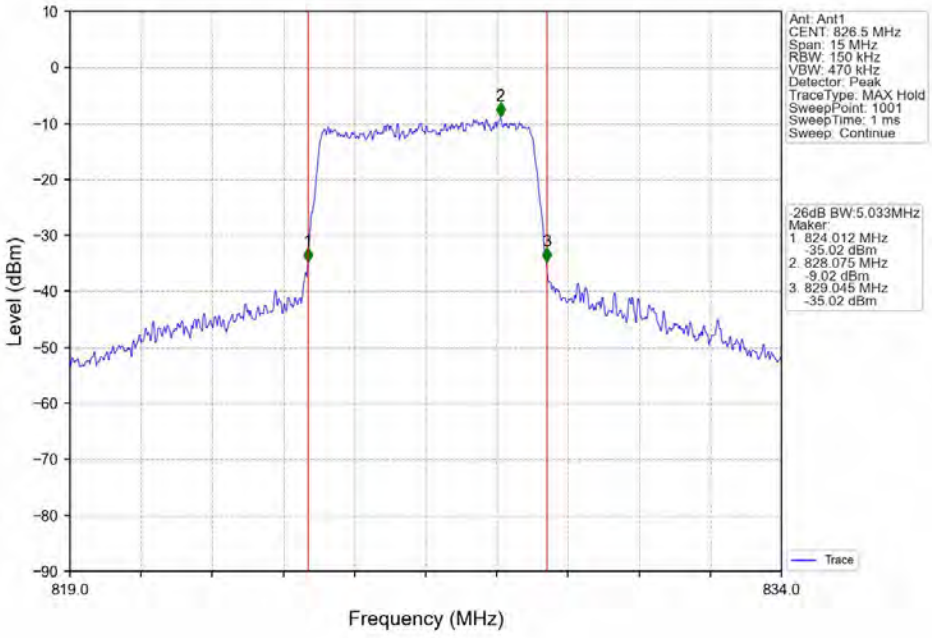
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



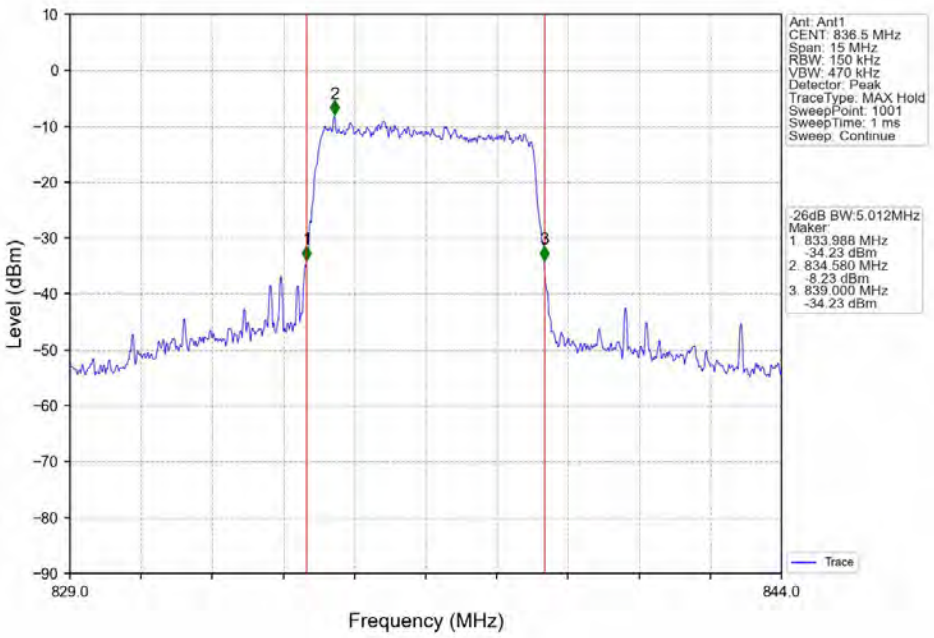
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



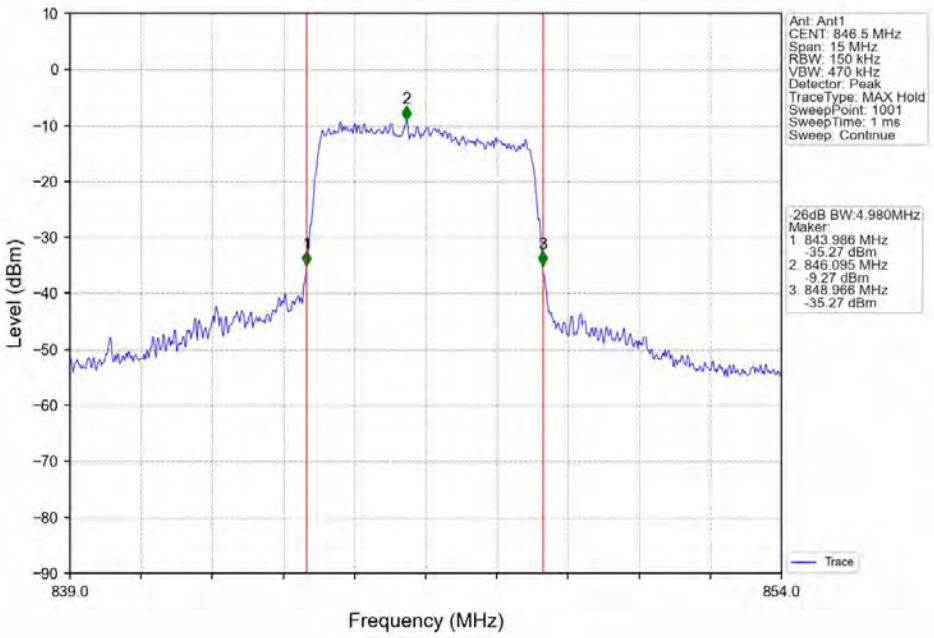
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



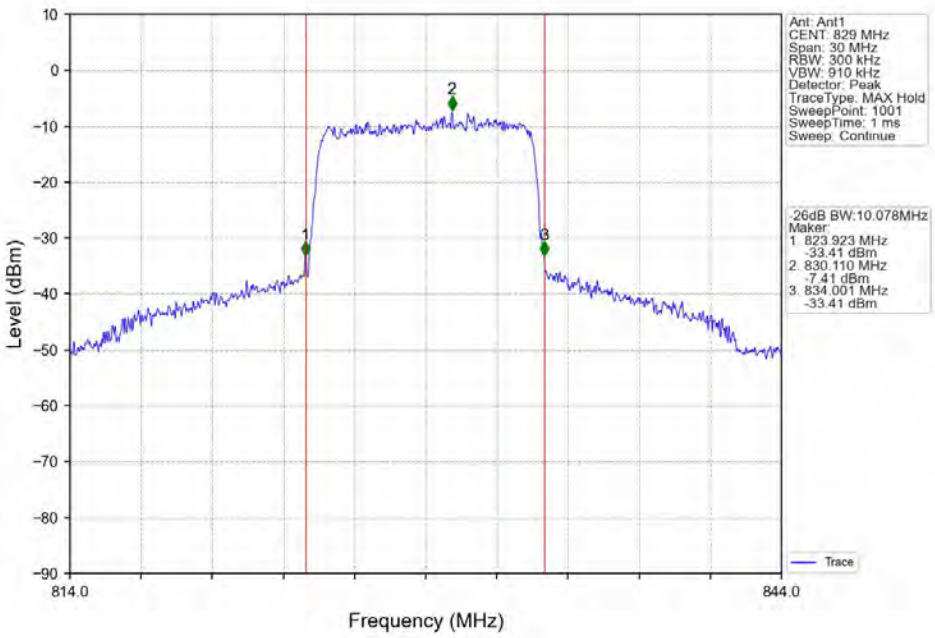
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



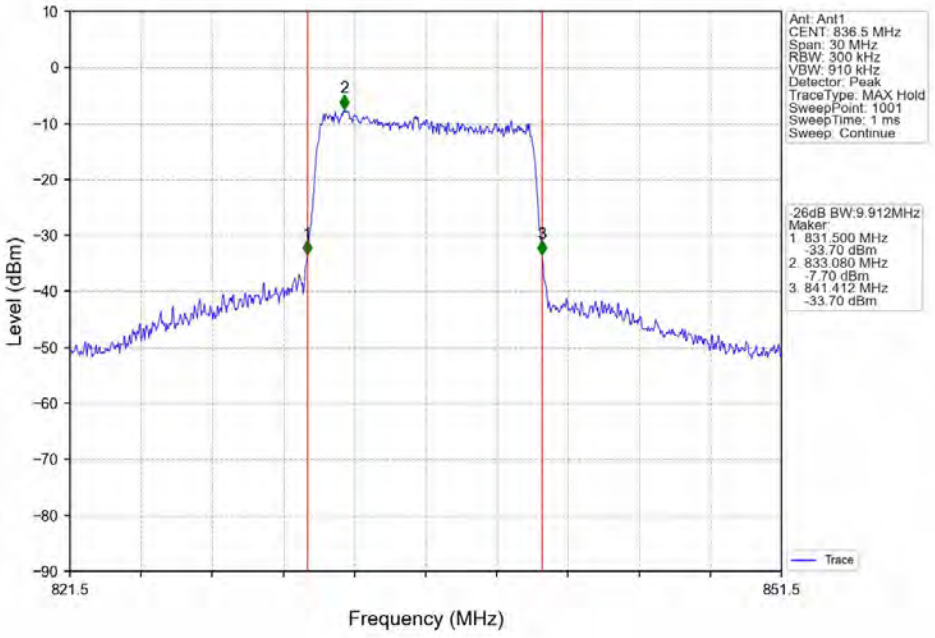
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



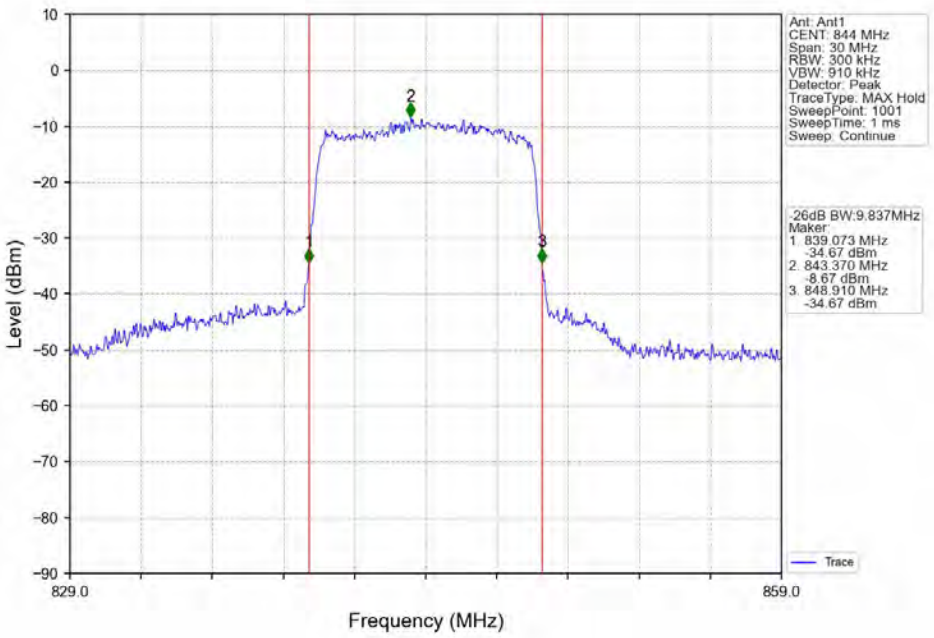
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



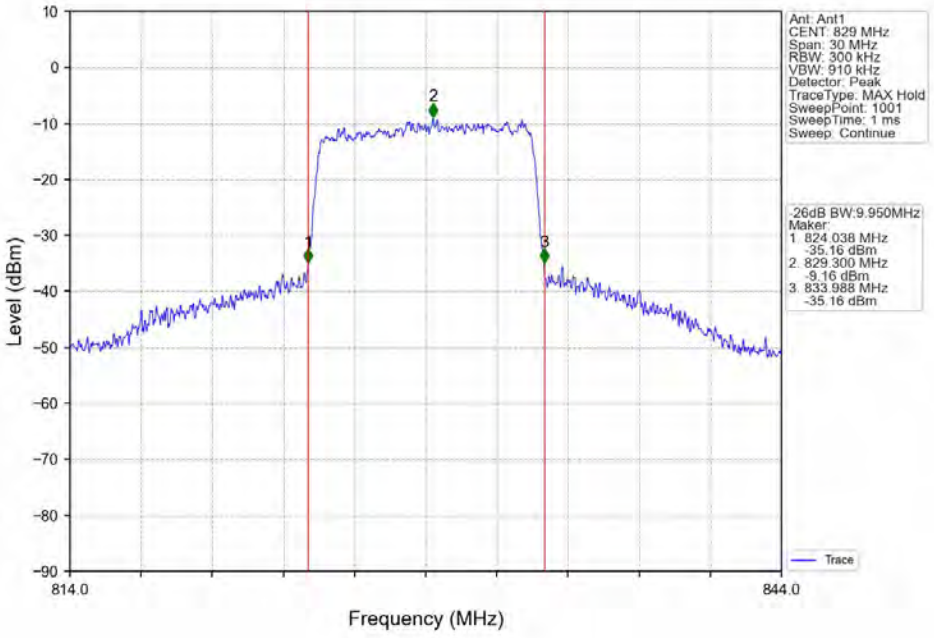
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



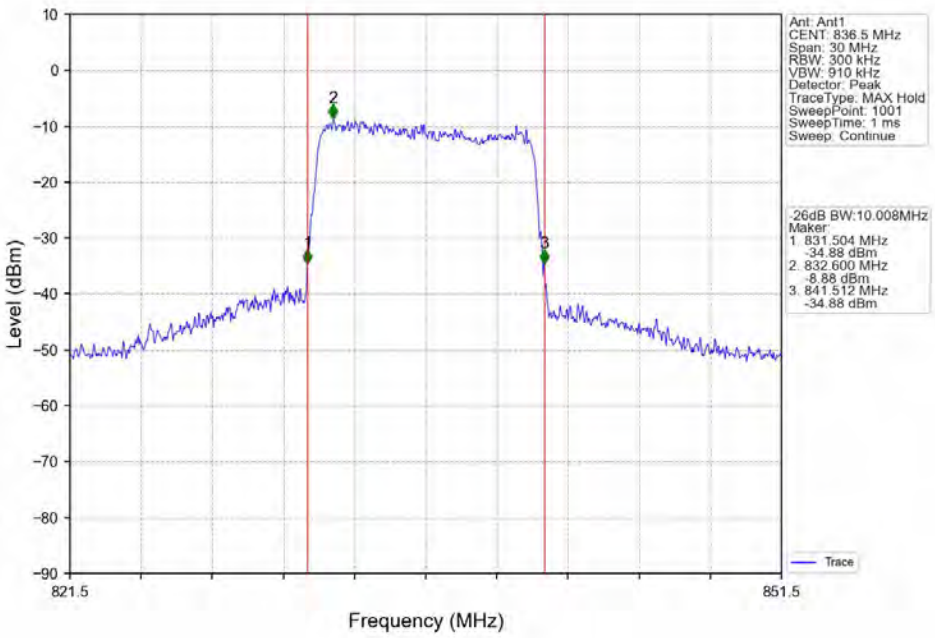
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



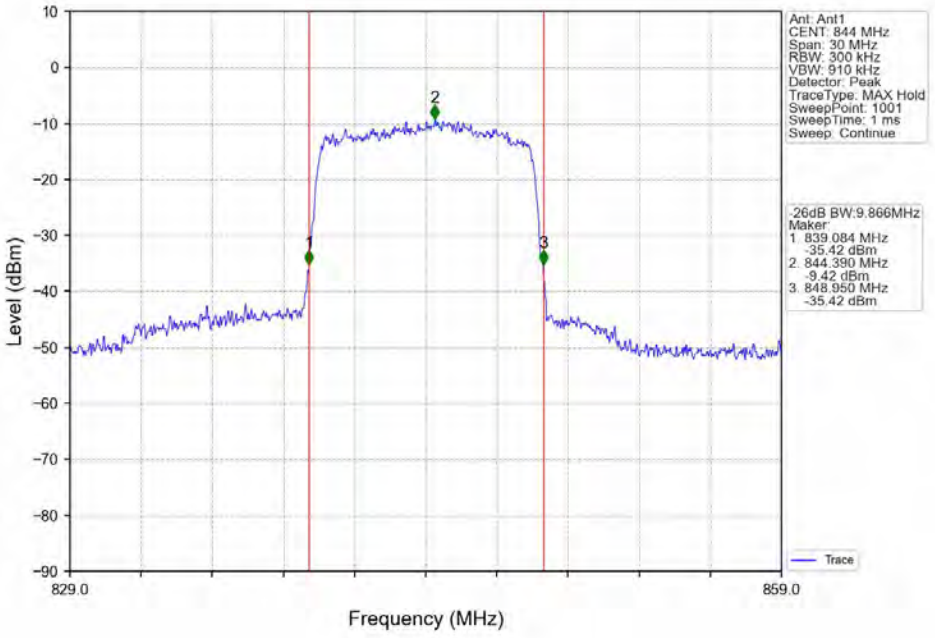
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

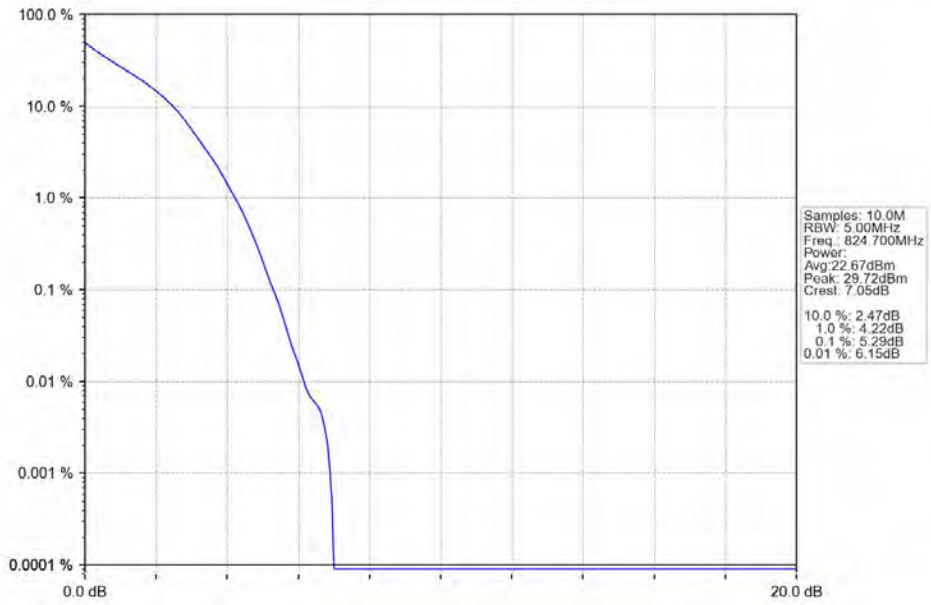
5.1 B5_1.4MHz

5.1.1 Test Result

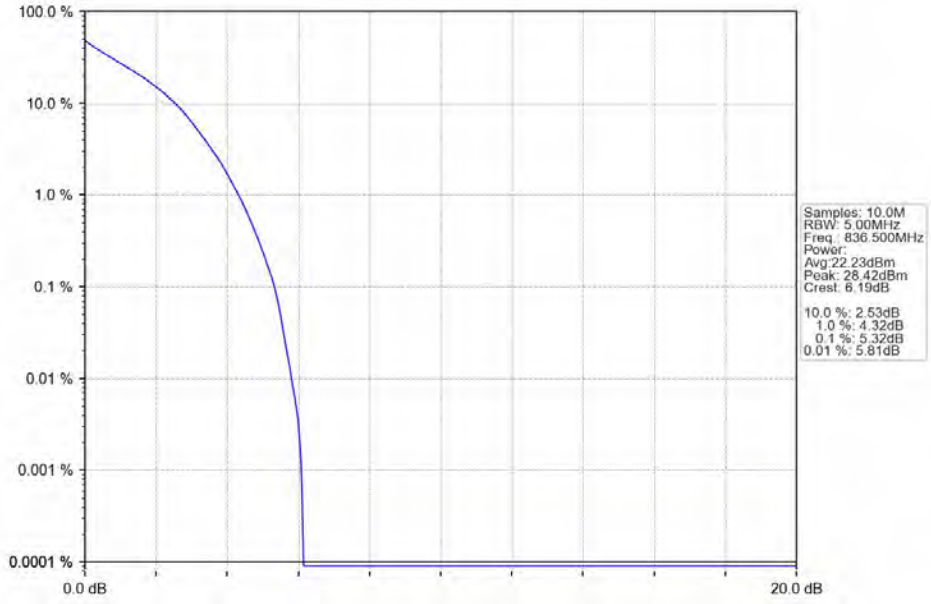
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.29	<=13	Pass
	836.5	6	0	5.32	<=13	Pass
	848.3	6	0	5.28	<=13	Pass
16QAM	824.7	6	0	5.99	<=13	Pass
	836.5	6	0	6.08	<=13	Pass
	848.3	6	0	6.12	<=13	Pass

5.1.2 Test Graph

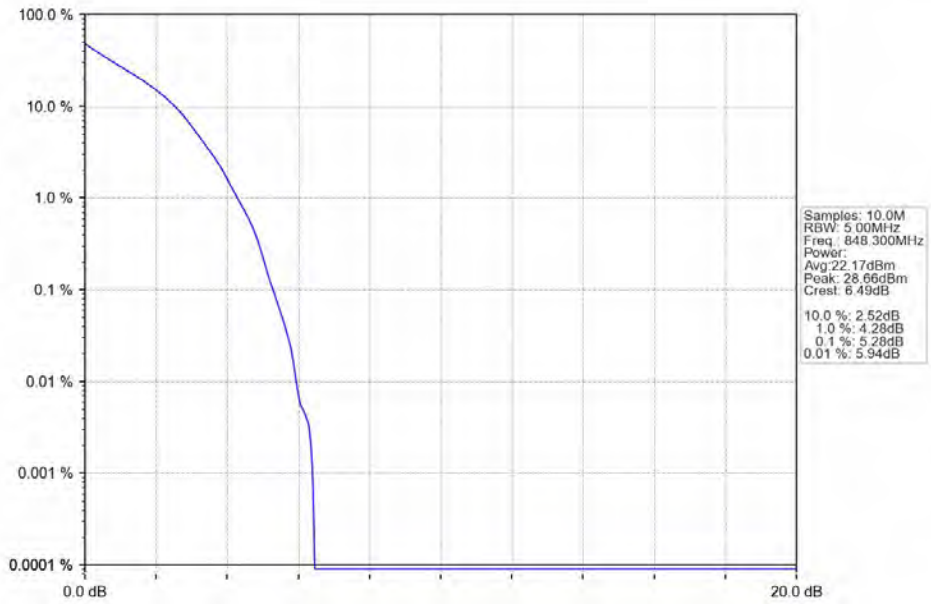
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



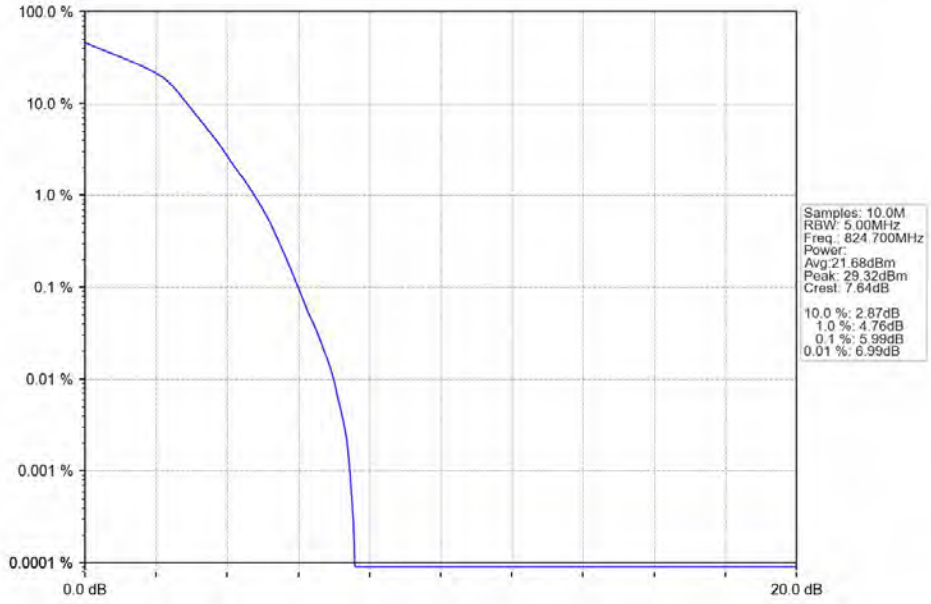
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



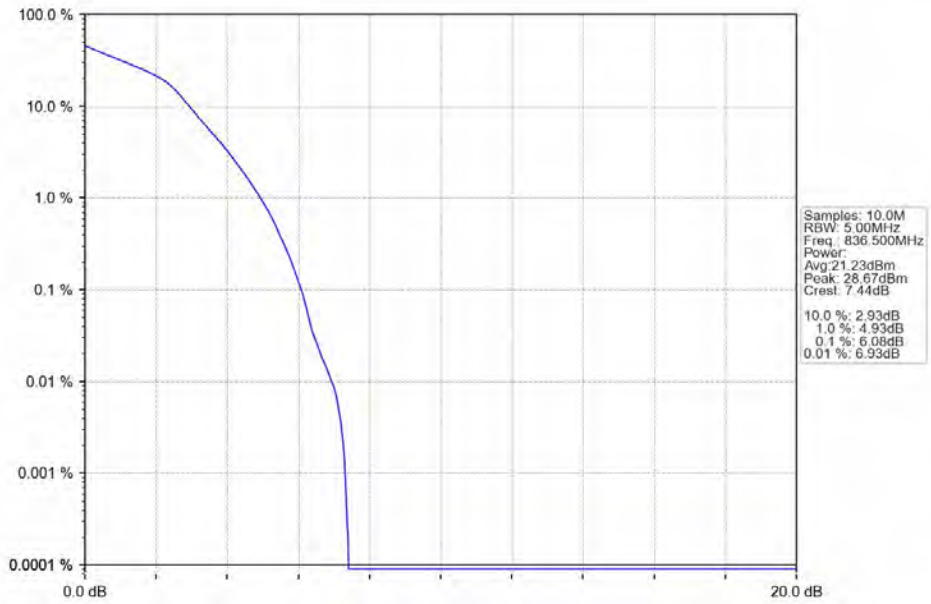
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



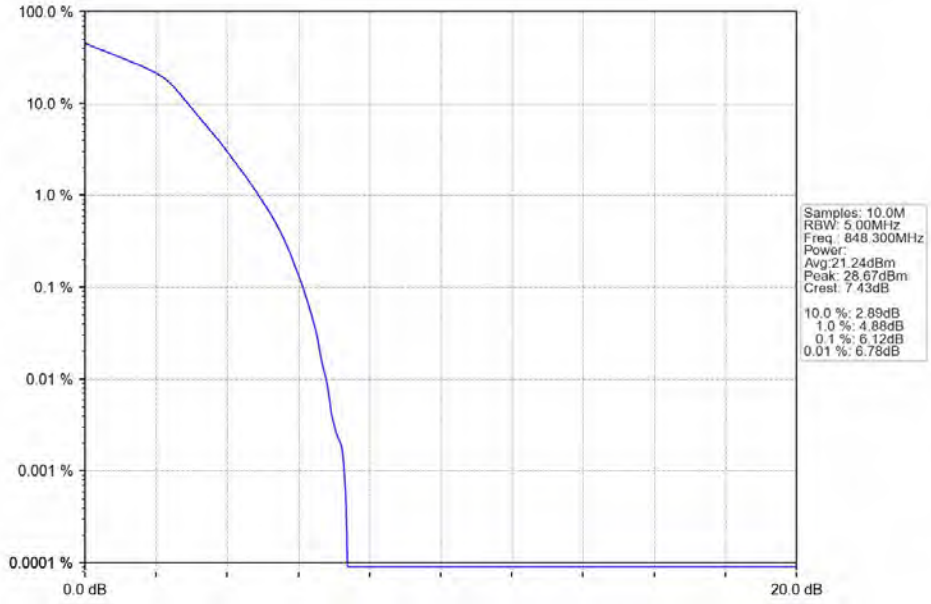
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



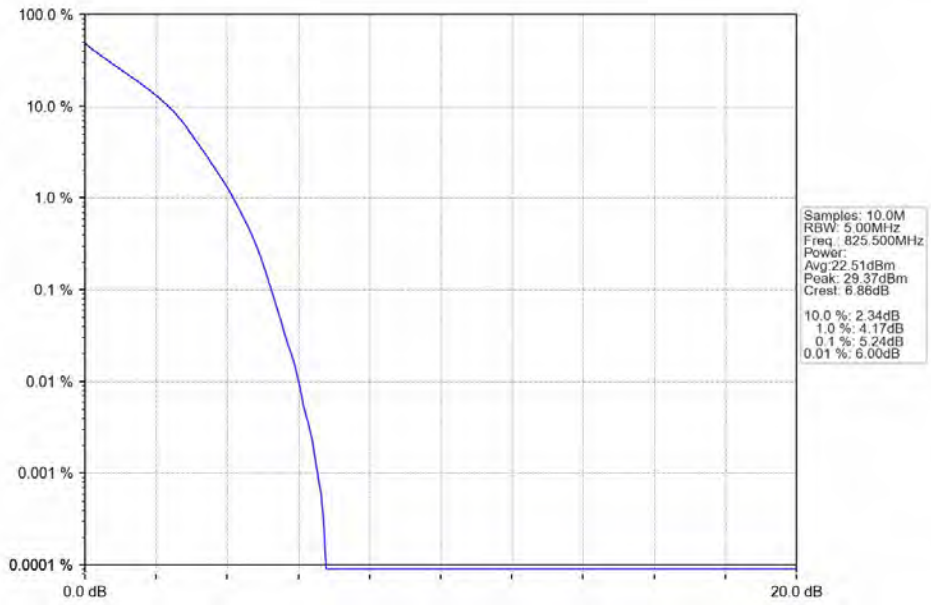
5.2 B5_3MHz

5.2.1 Test Result

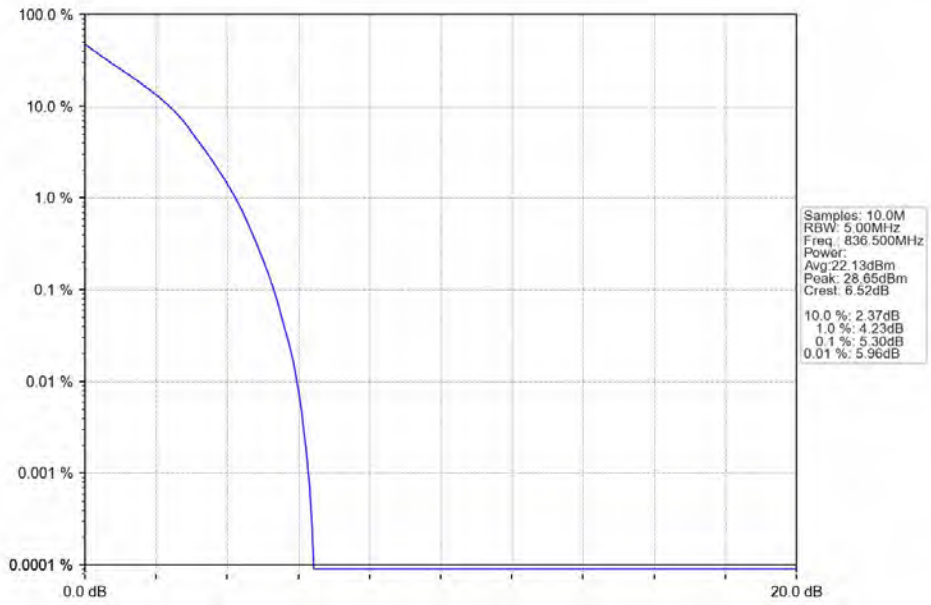
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.24	<=13	Pass
	836.5	15	0	5.30	<=13	Pass
	847.5	15	0	5.34	<=13	Pass
16QAM	825.5	15	0	6.02	<=13	Pass
	836.5	15	0	6.12	<=13	Pass
	847.5	15	0	6.13	<=13	Pass

5.2.2 Test Graph

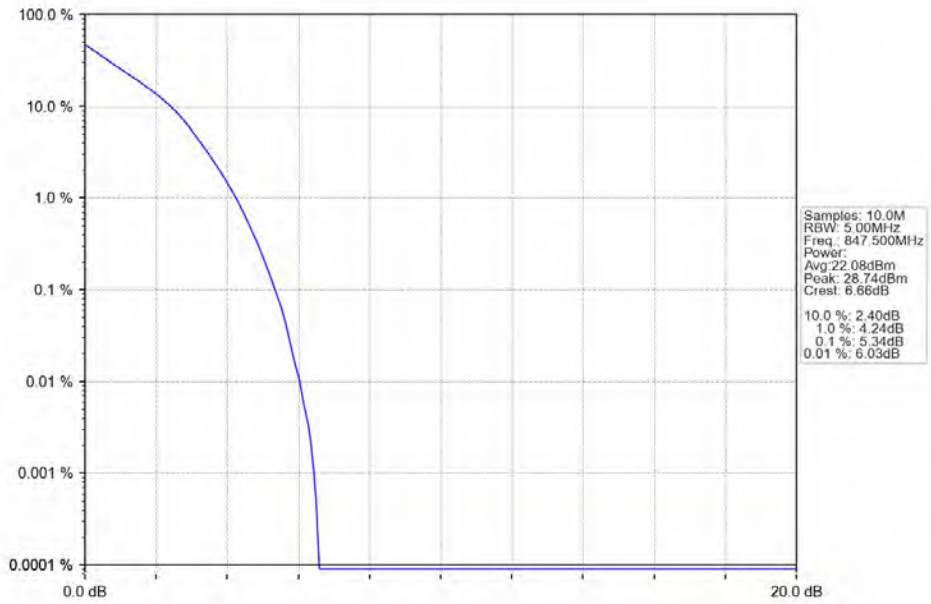
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



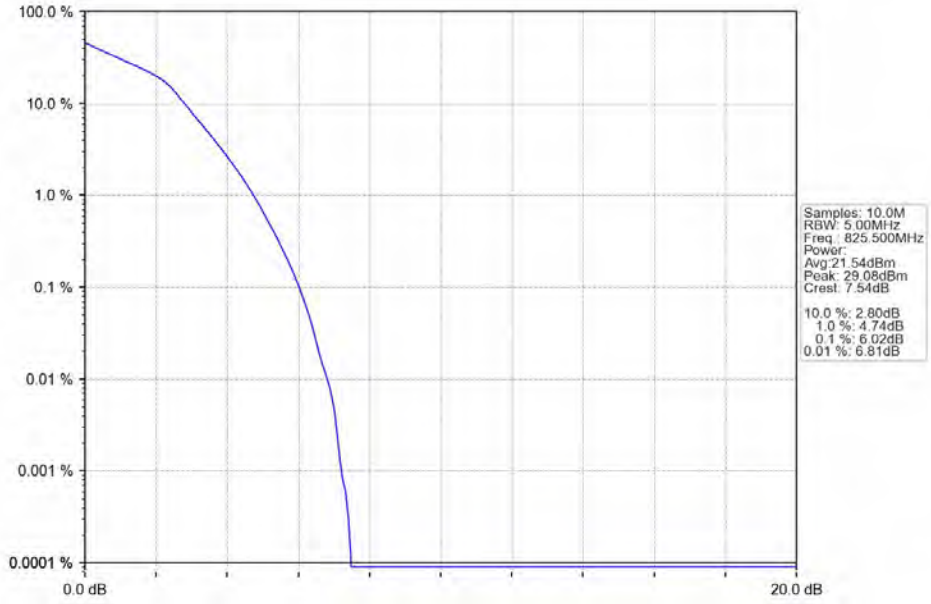
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



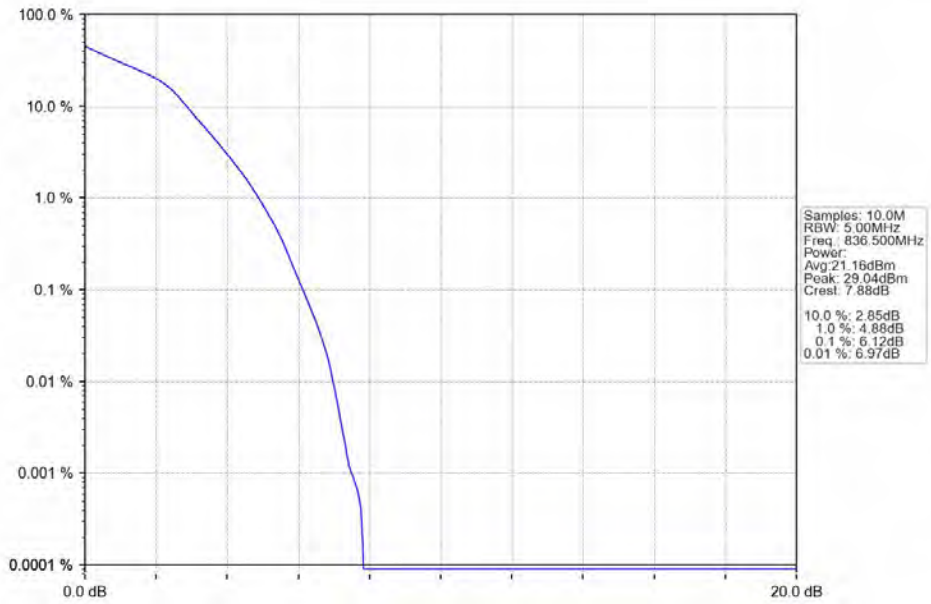
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



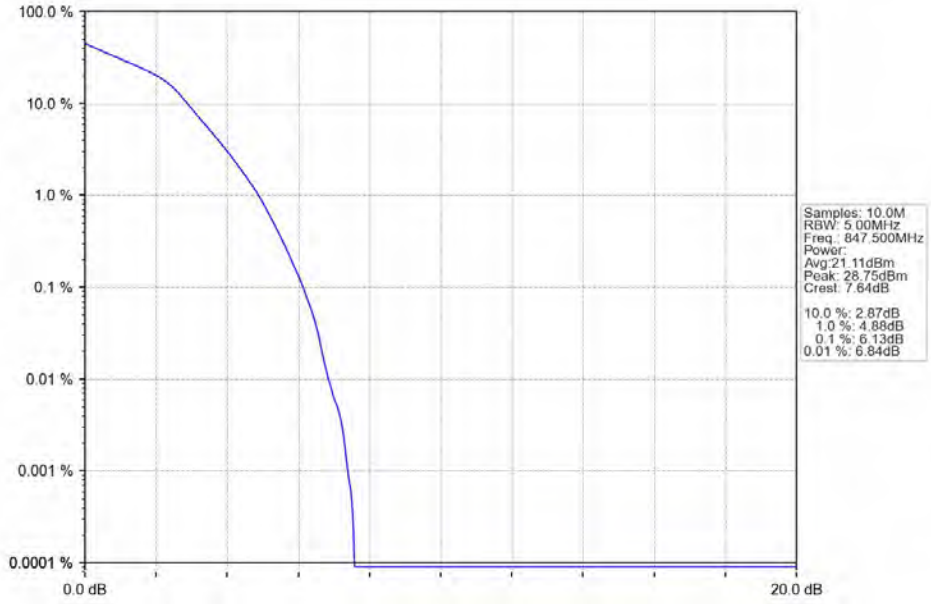
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



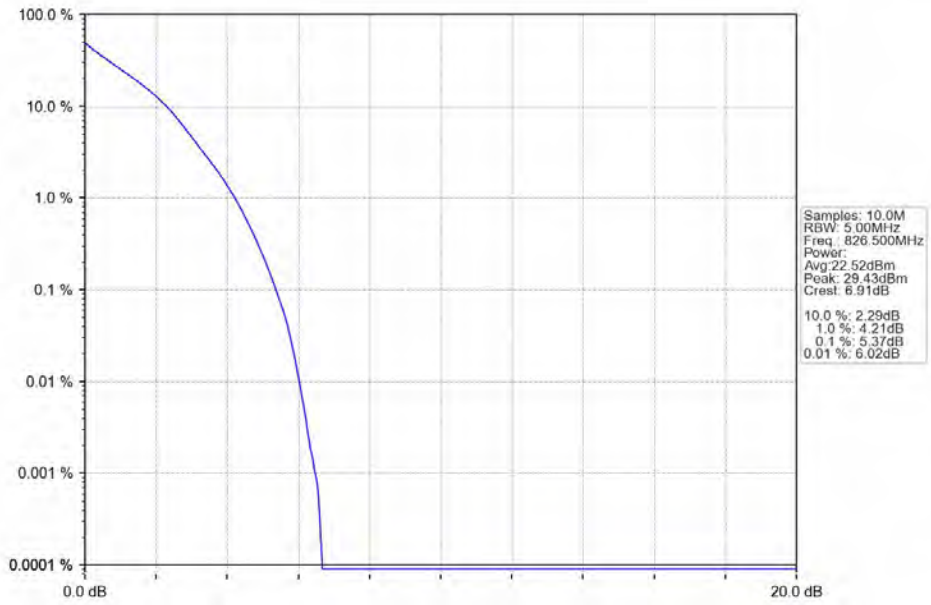
5.3 B5_5MHz

5.3.1 Test Result

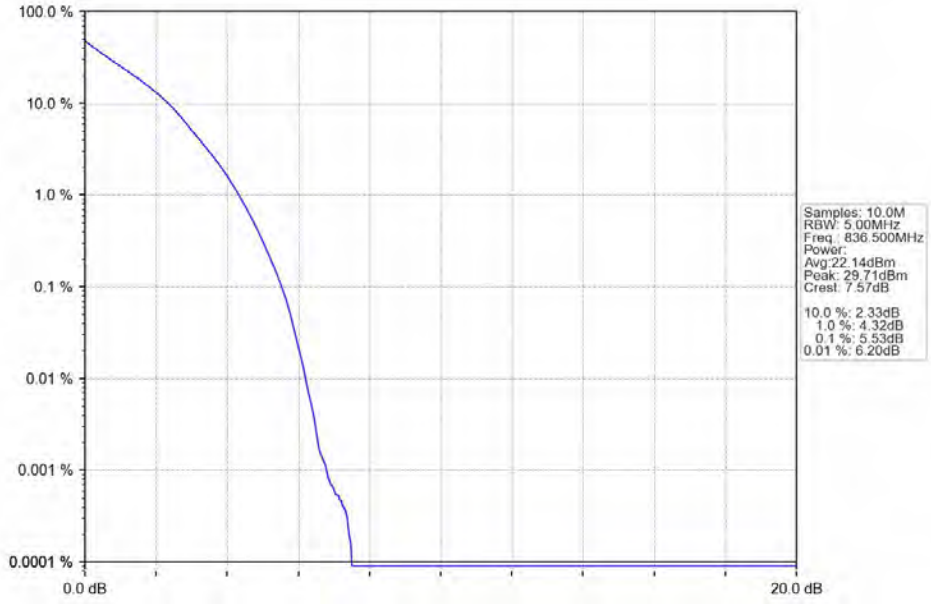
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.37	<=13	Pass
	836.5	25	0	5.53	<=13	Pass
	846.5	25	0	5.49	<=13	Pass
16QAM	826.5	25	0	6.06	<=13	Pass
	836.5	25	0	6.18	<=13	Pass
	846.5	25	0	6.12	<=13	Pass

5.3.2 Test Graph

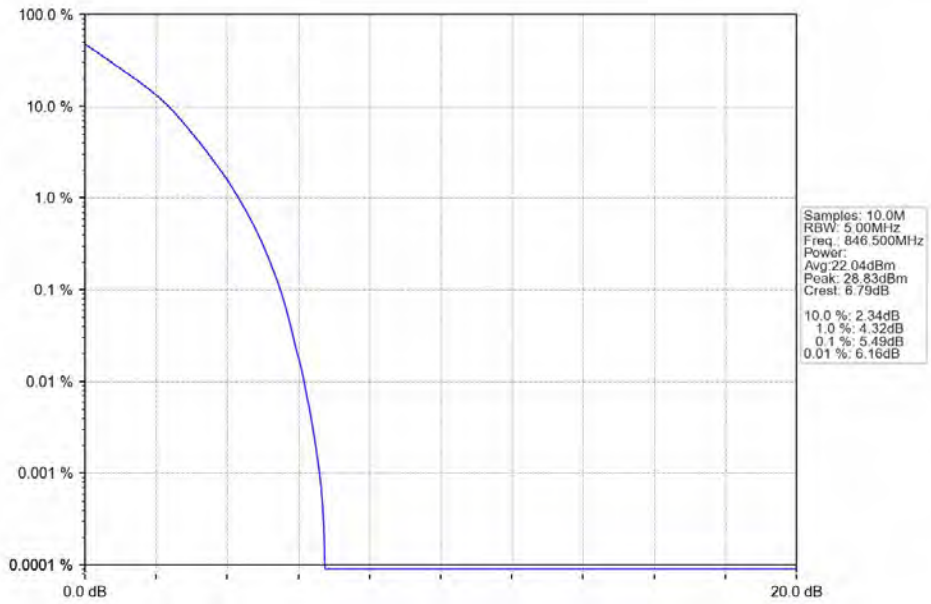
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



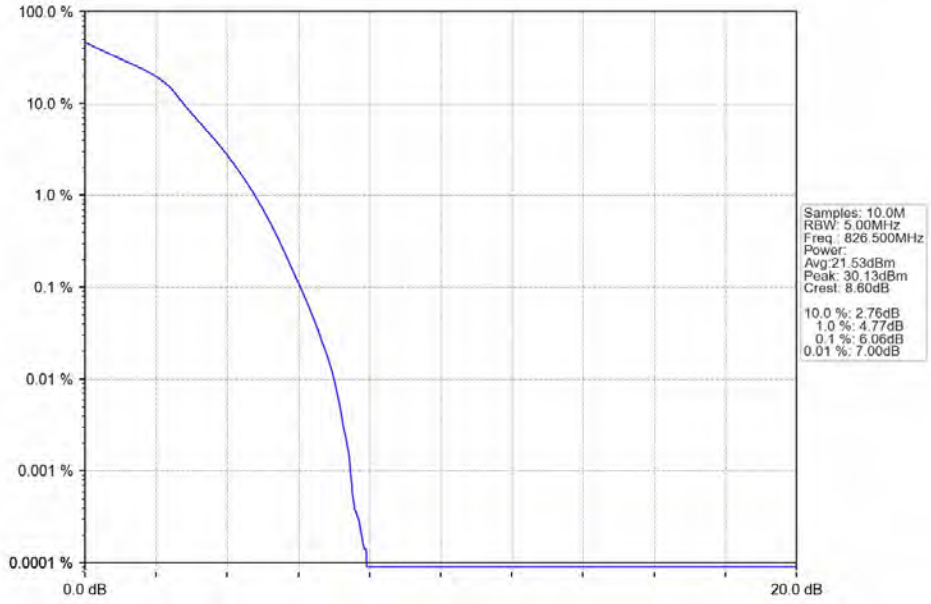
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



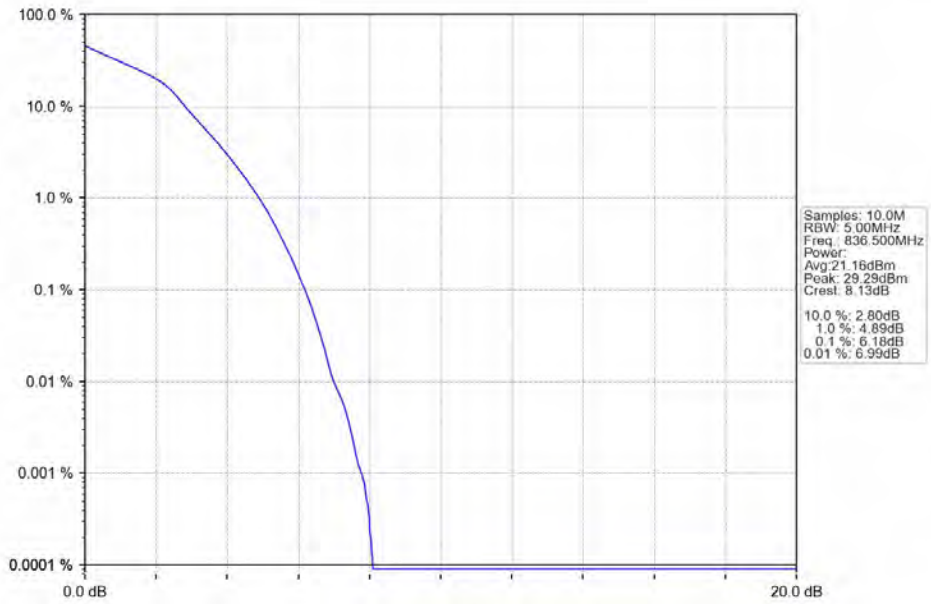
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



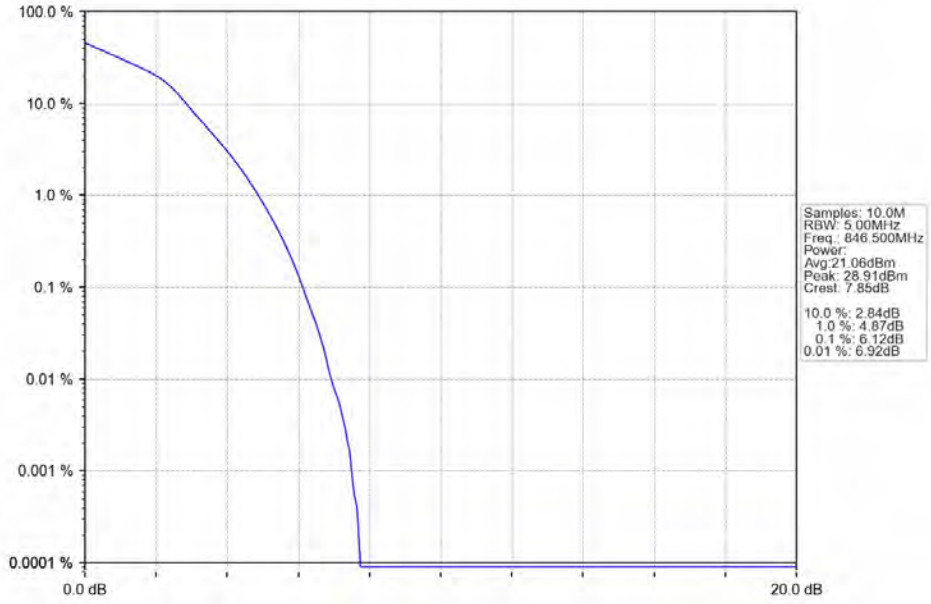
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



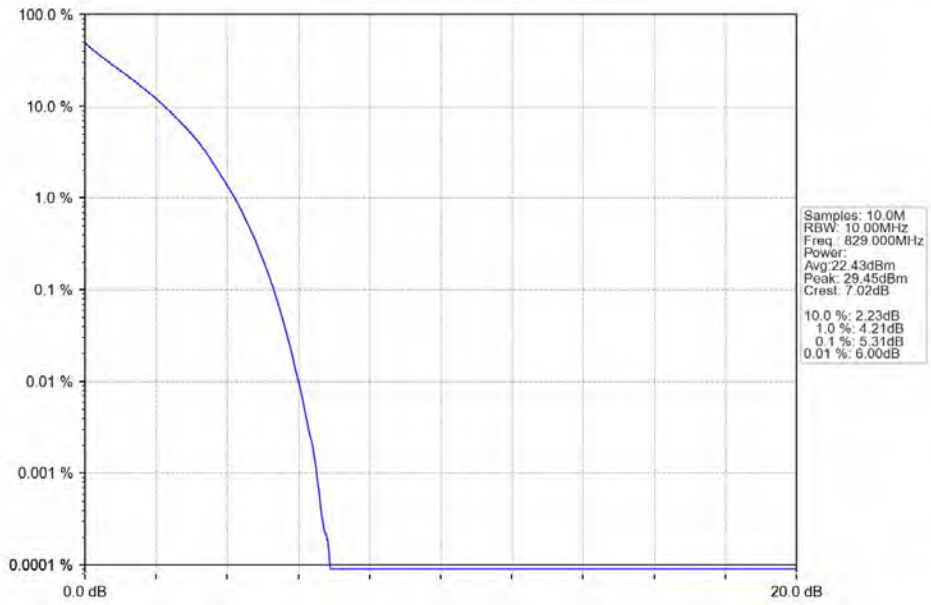
5.4 B5_10MHz

5.4.1 Test Result

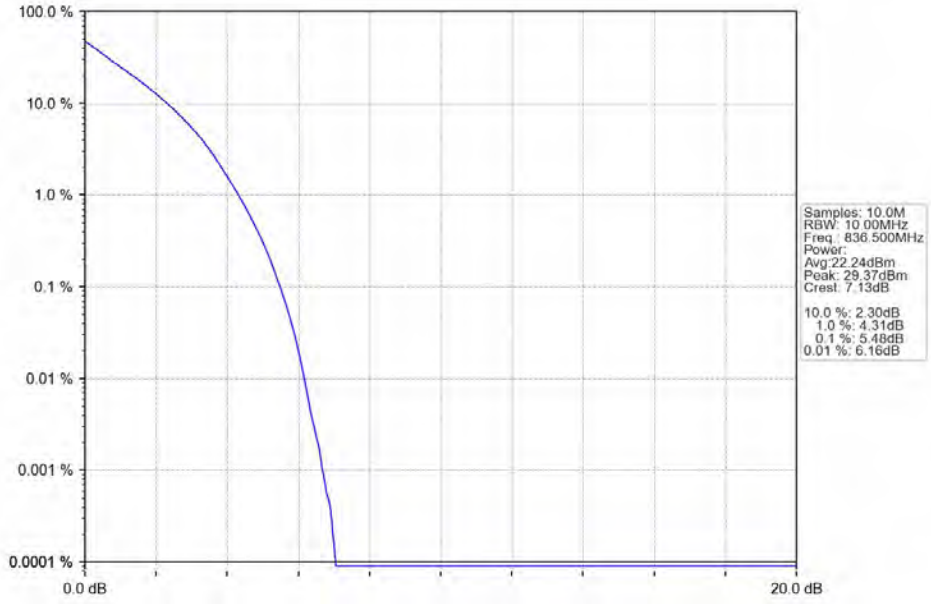
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.31	<=13	Pass
	836.5	50	0	5.48	<=13	Pass
	844	50	0	5.52	<=13	Pass
16QAM	829	50	0	6.02	<=13	Pass
	836.5	50	0	6.20	<=13	Pass
	844	50	0	6.22	<=13	Pass

5.4.2 Test Graph

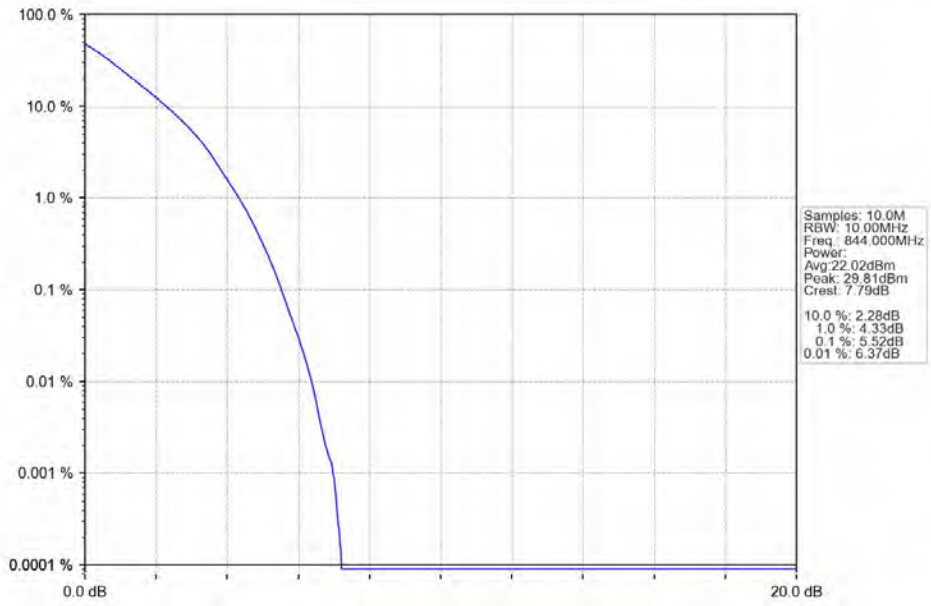
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



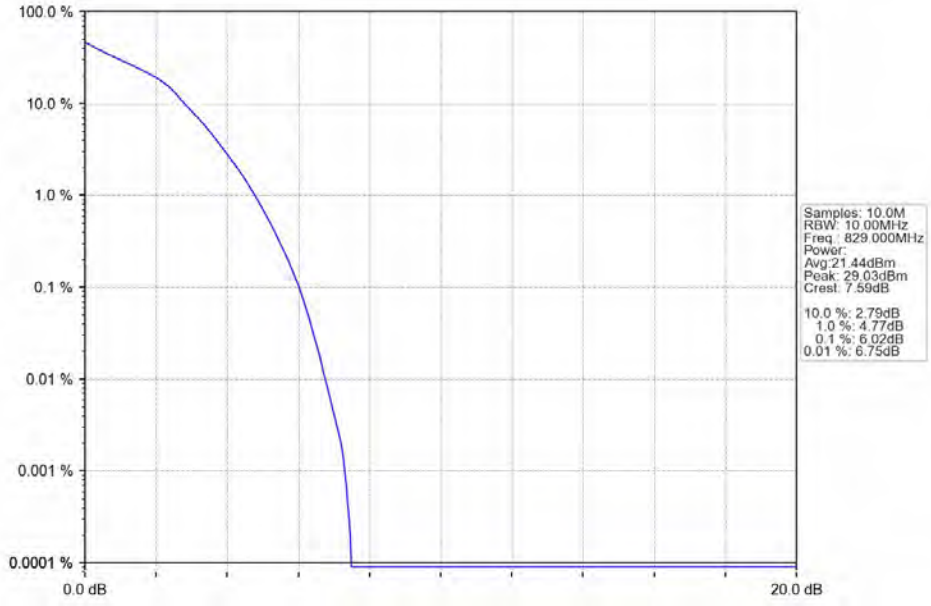
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



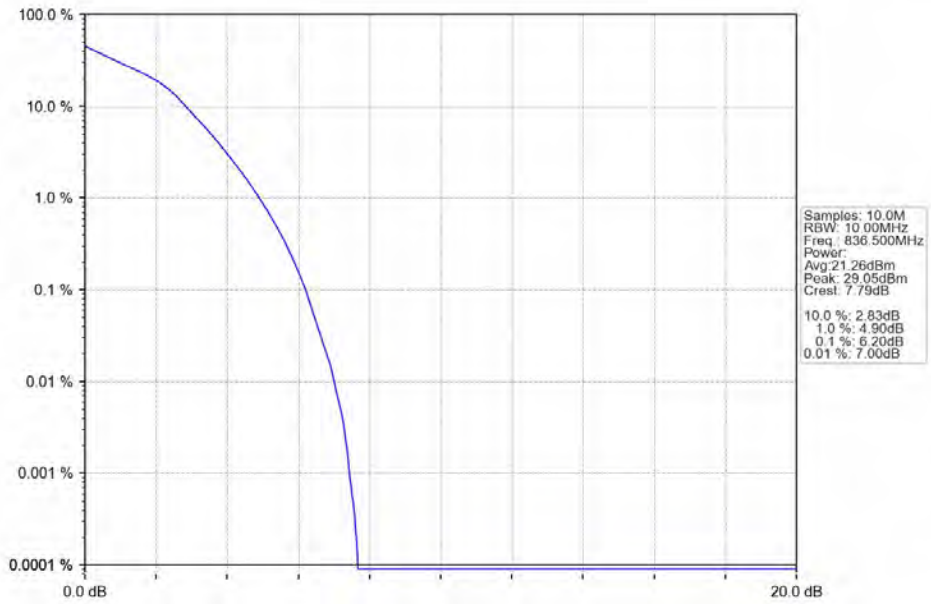
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



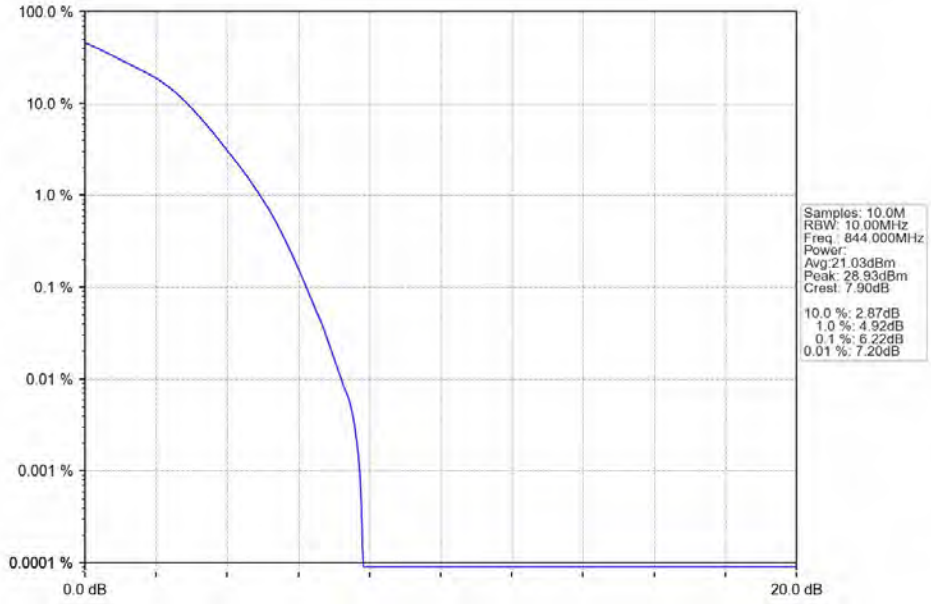
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

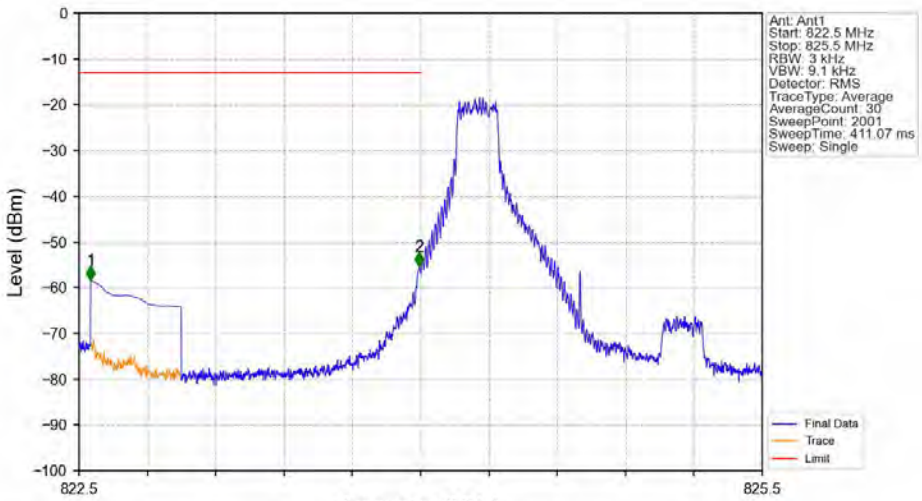
6.1 B5_1.4MHz

6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

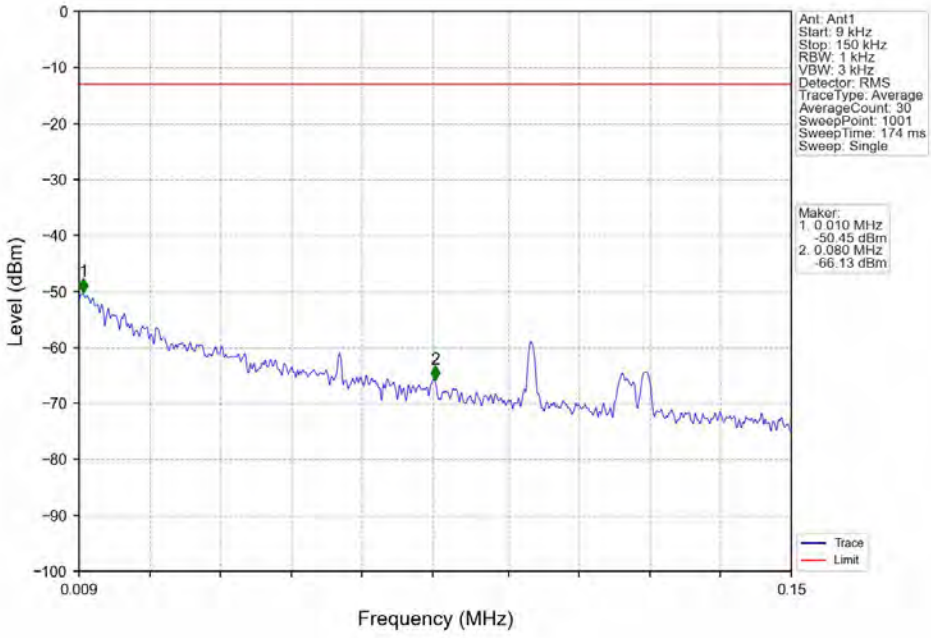
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

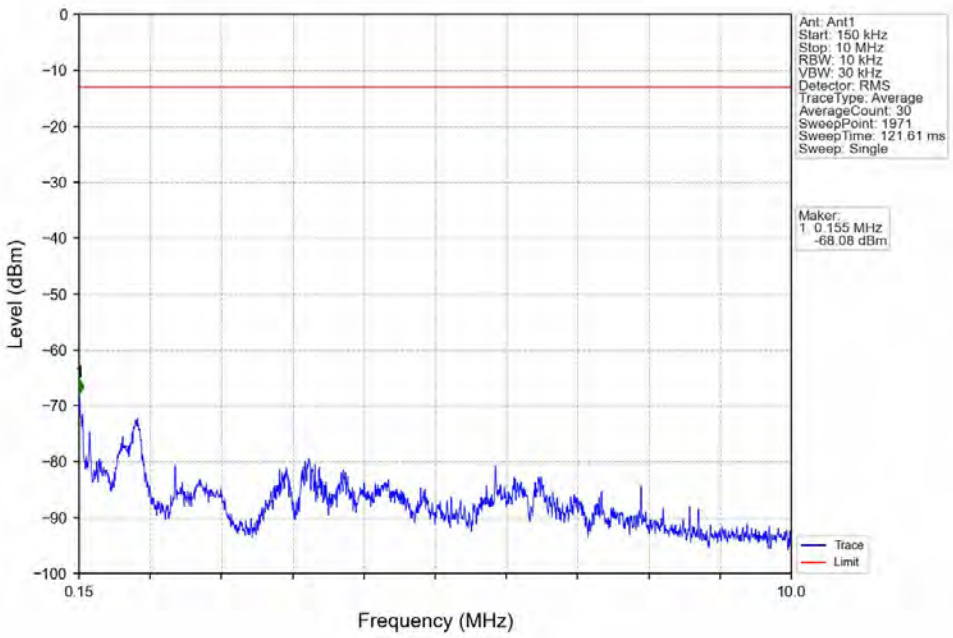


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-58.40	-13	Pass
823	824	0.003	/	2	823.994	-55.33	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

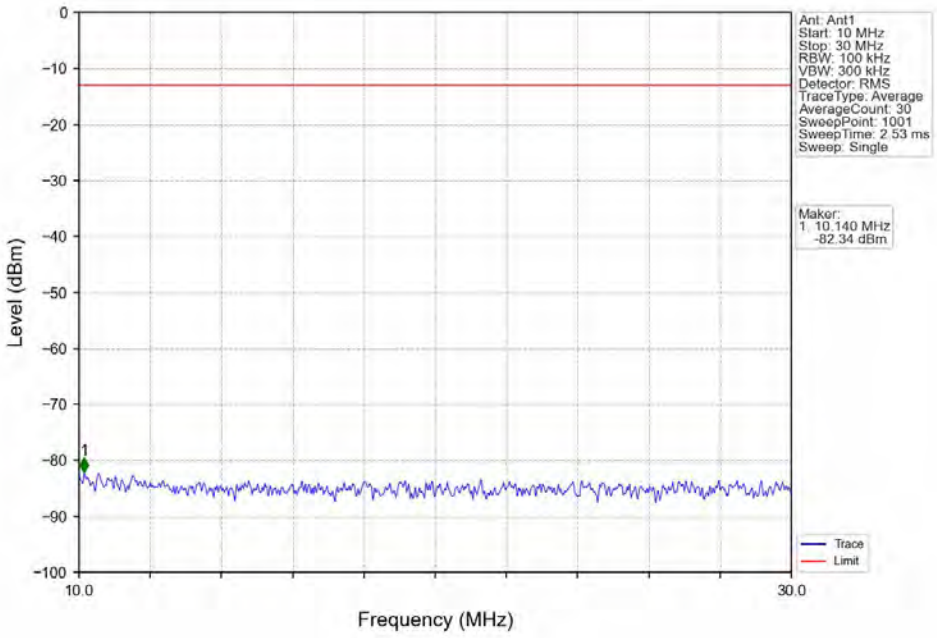
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



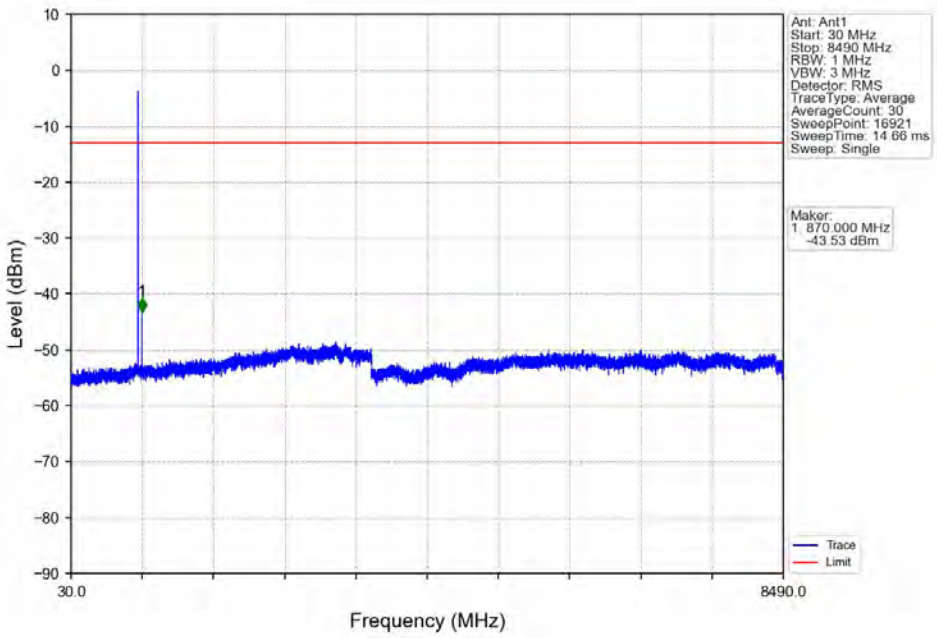
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



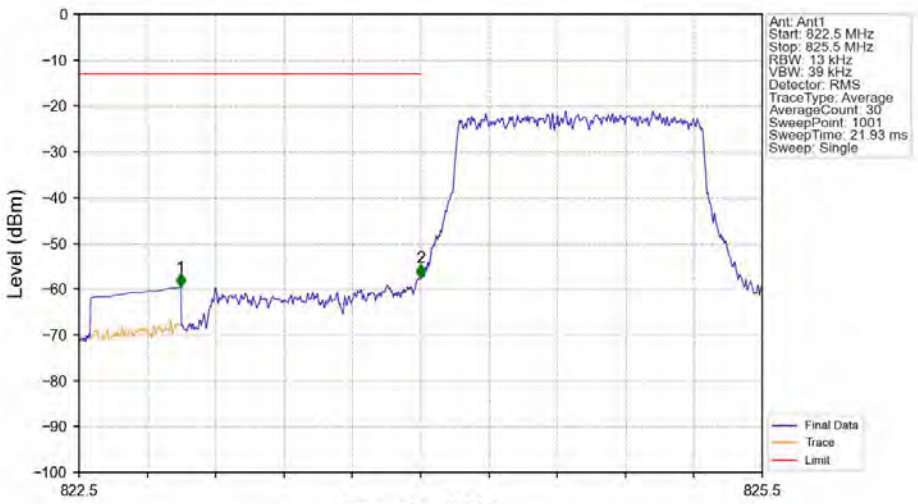
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

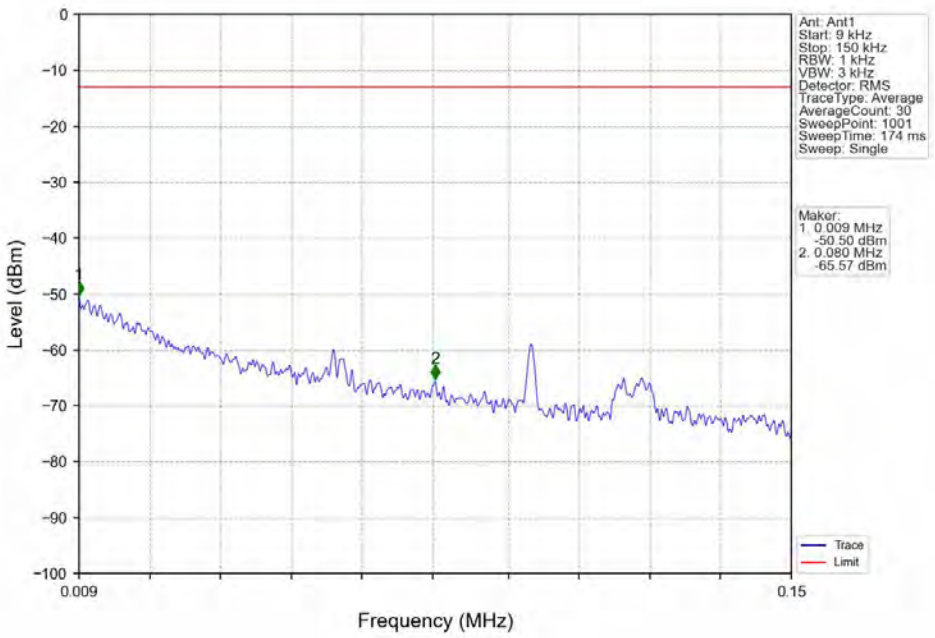


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

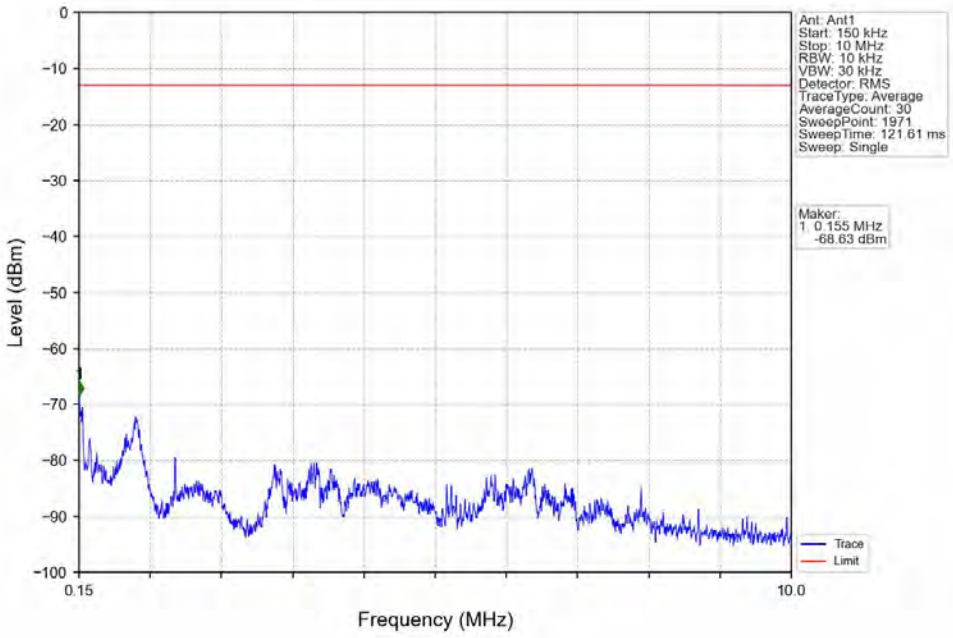


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-59.63	-13	Pass
823	824	0.013	/	2	824.000	-57.59	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

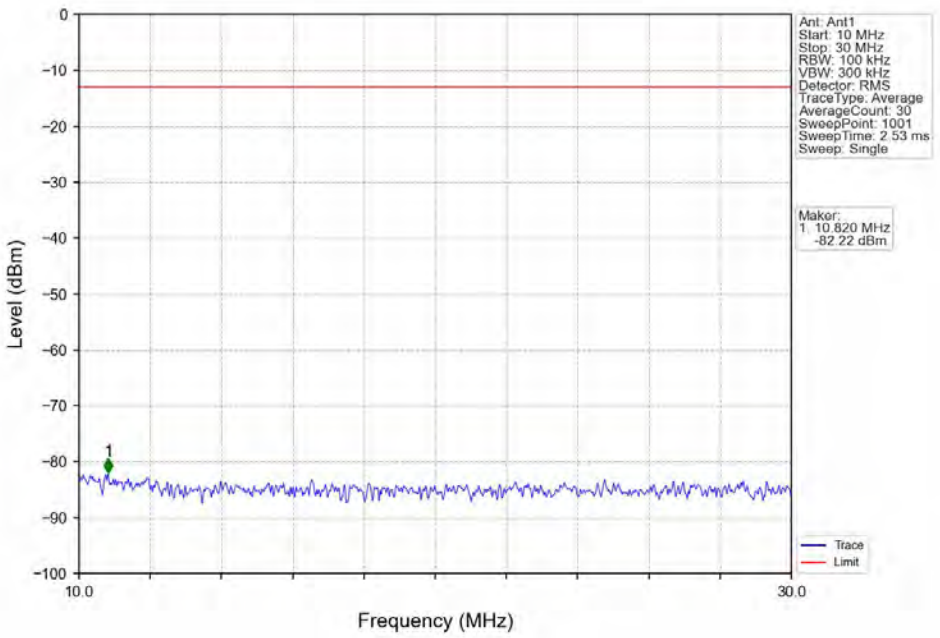
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



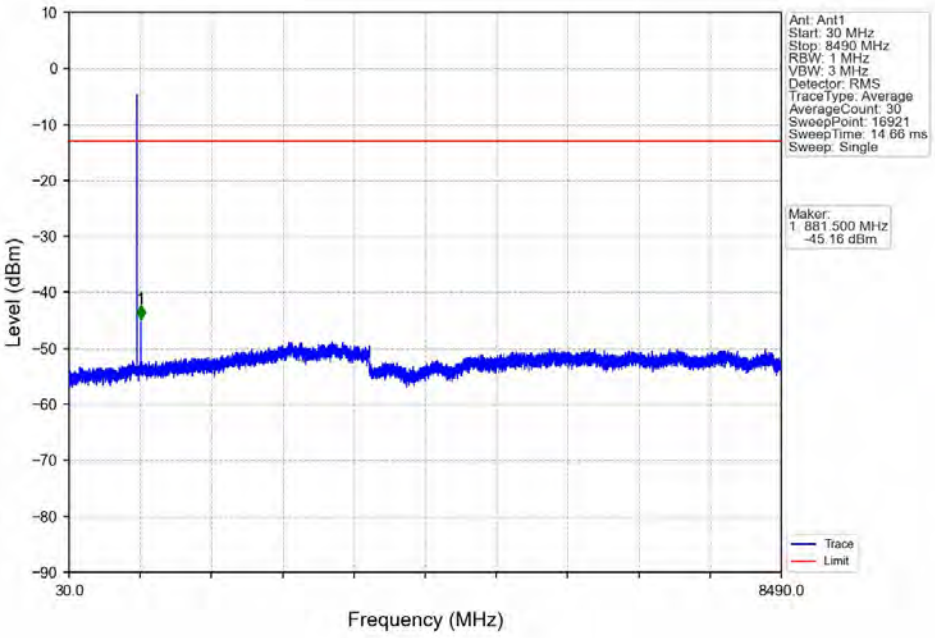
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



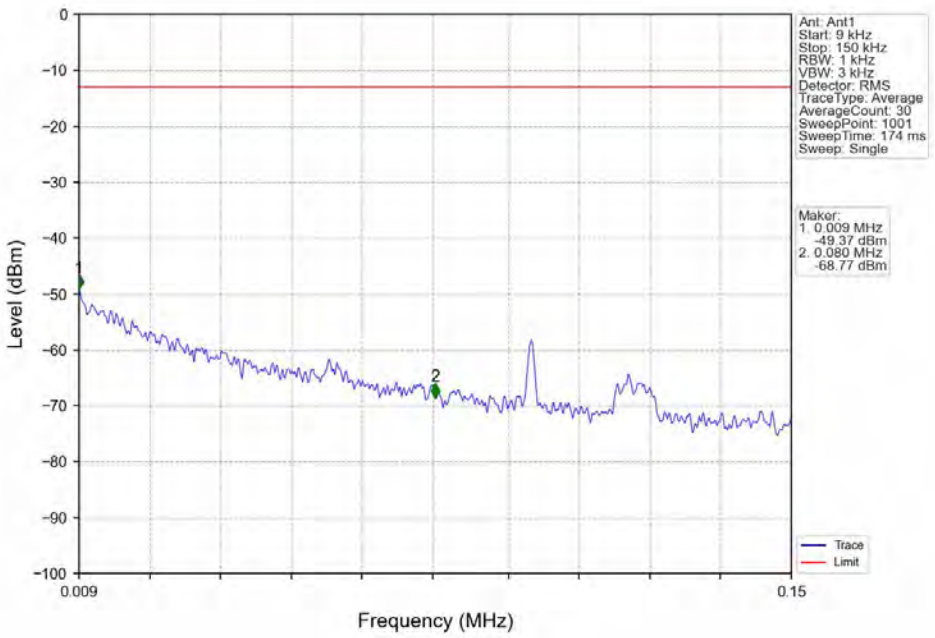
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



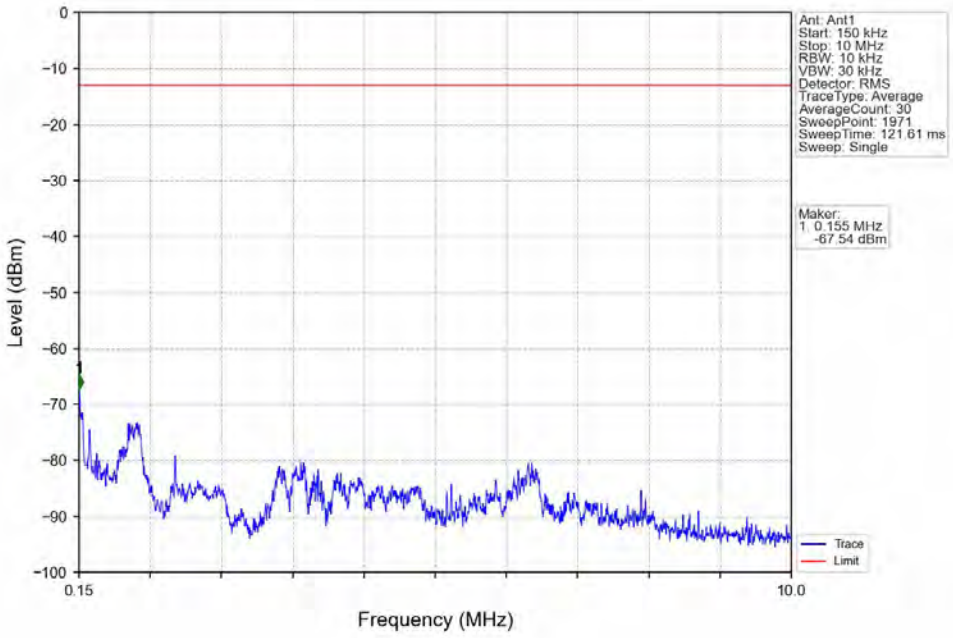
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



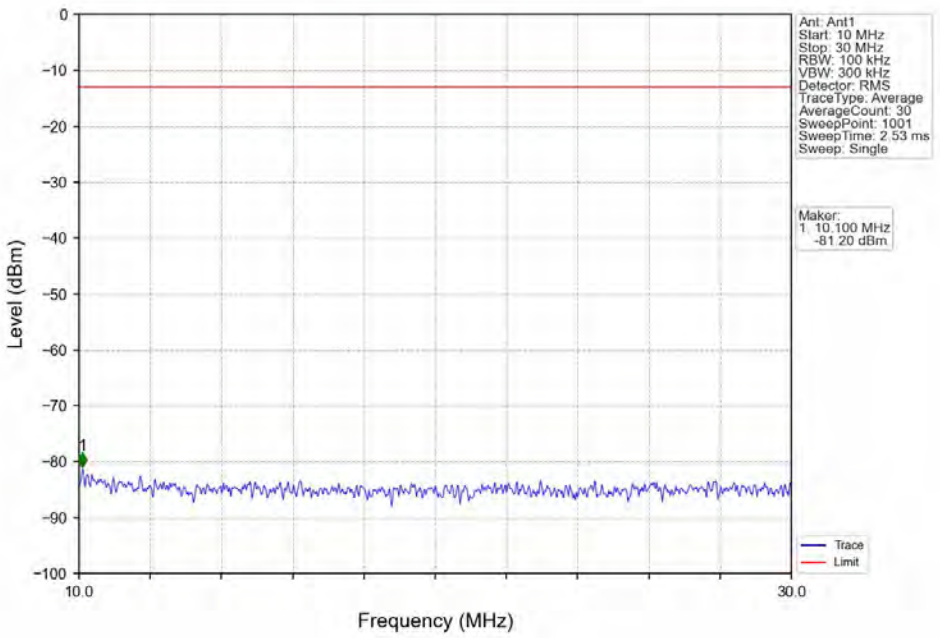
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



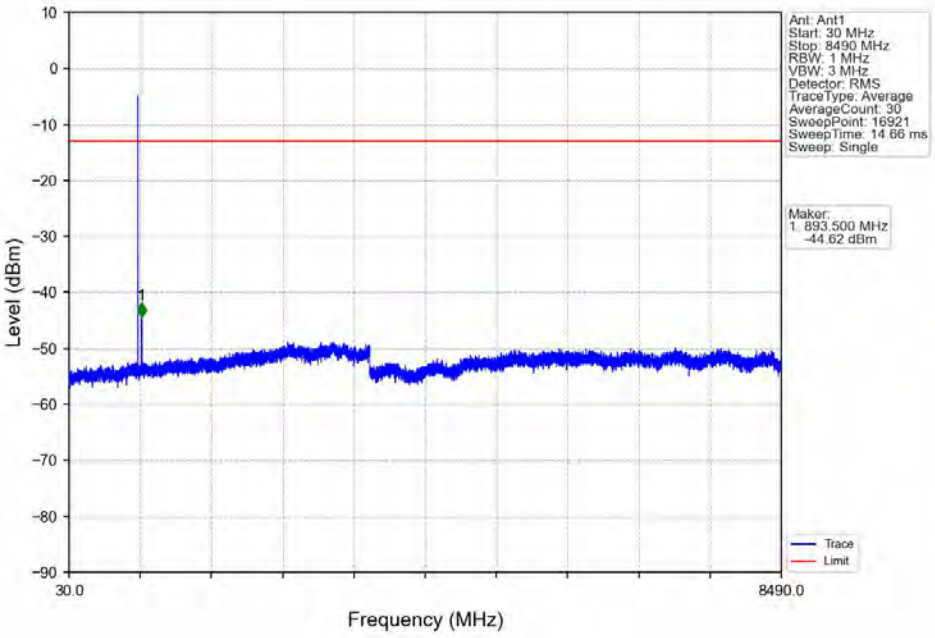
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



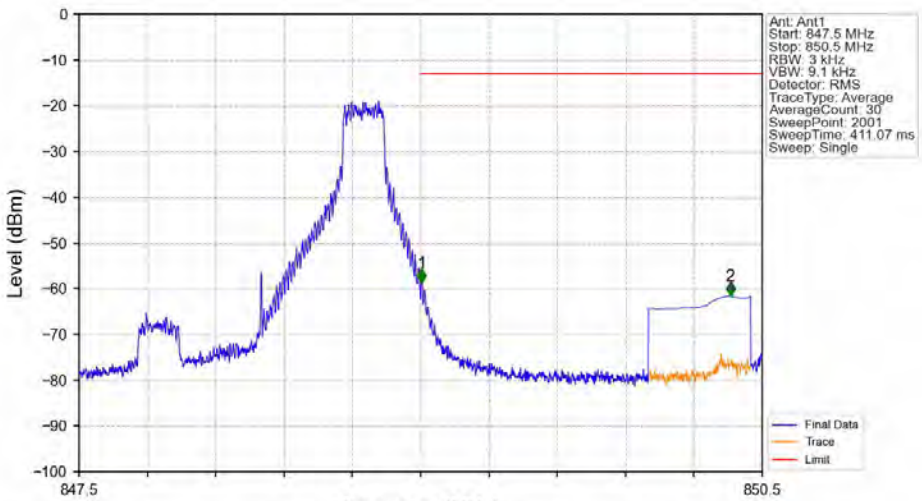
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

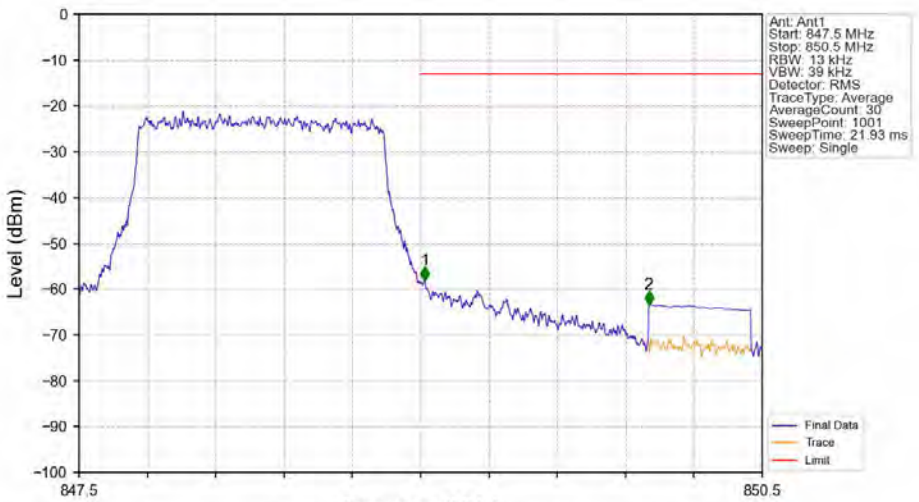


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



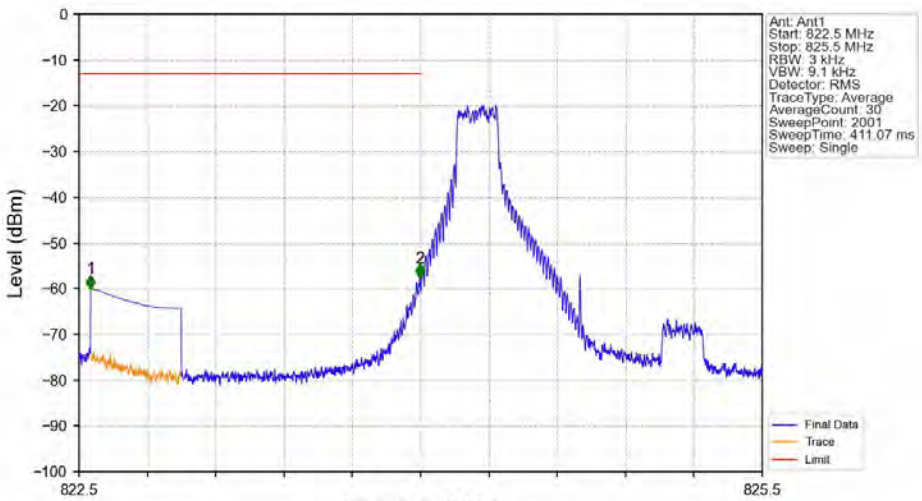
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-58.73	-13	Pass
850	850.5	0.1	CHP	2	850.361	-61.62	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



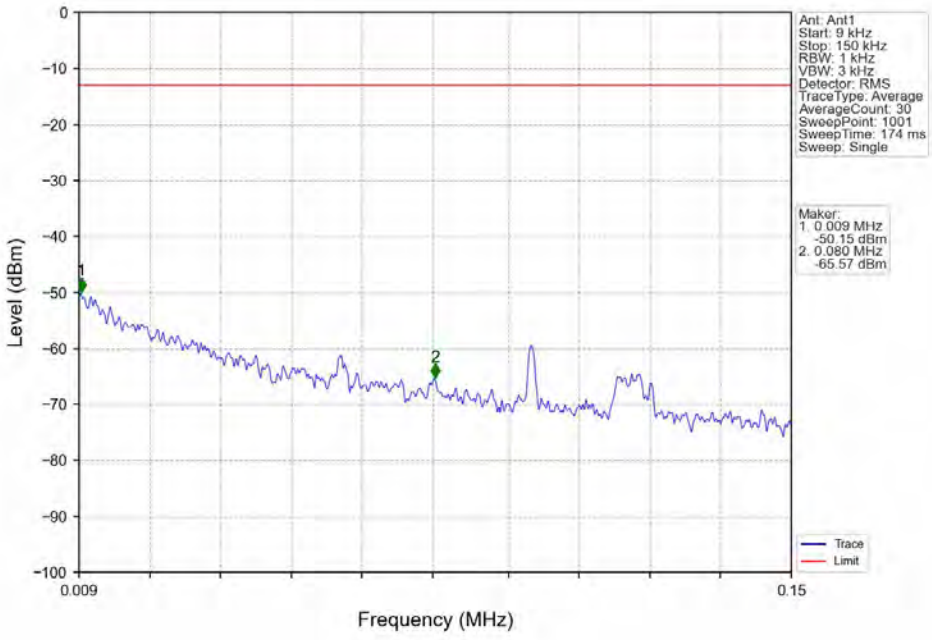
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.018	-58.14	-13	Pass
850	850.5	0.1	CHP	2	850.002	-63.41	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

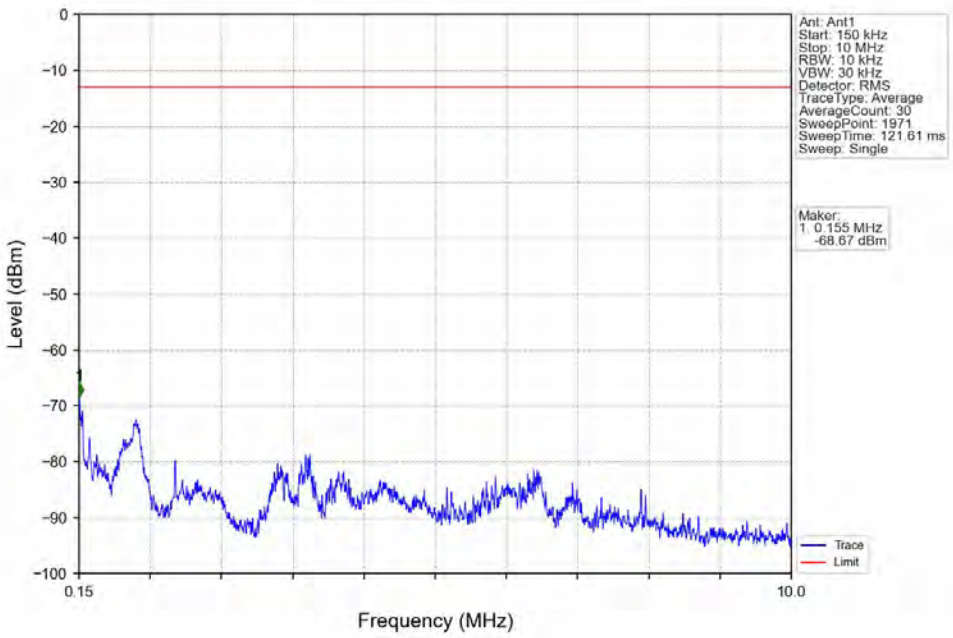


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.551	-60.08	-13	Pass
823	824	0.003	/	2	823.997	-57.66	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

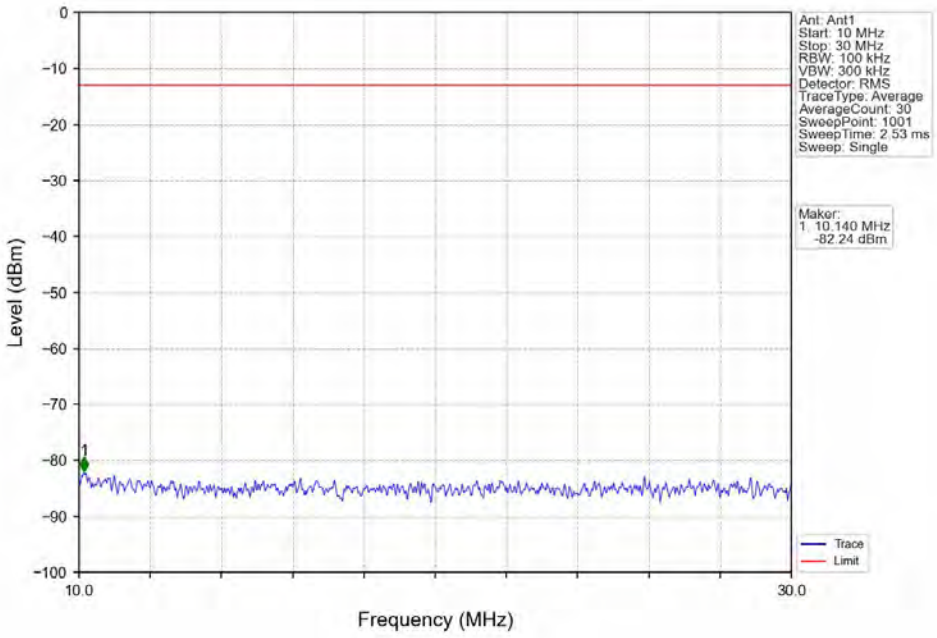
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



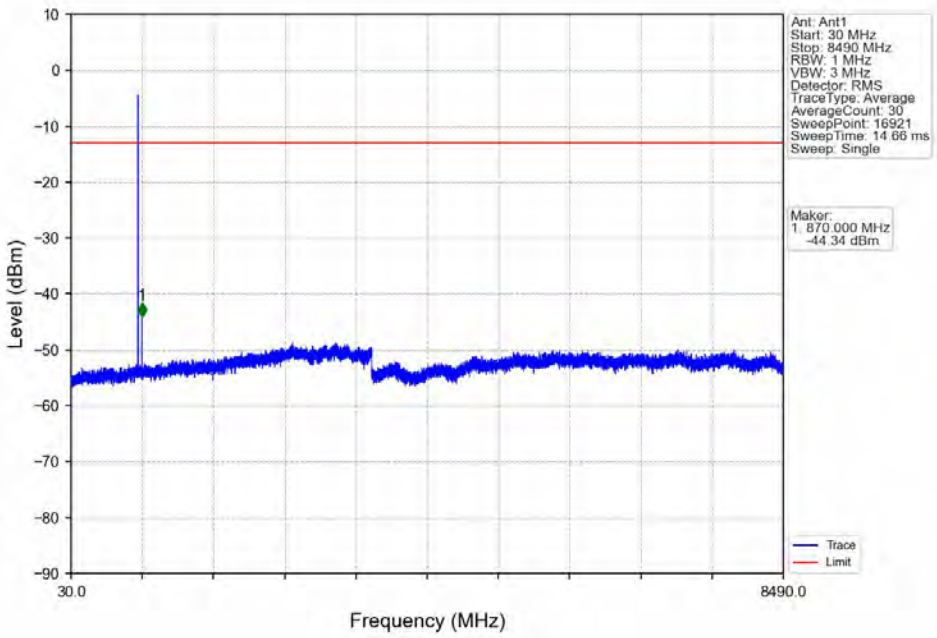
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



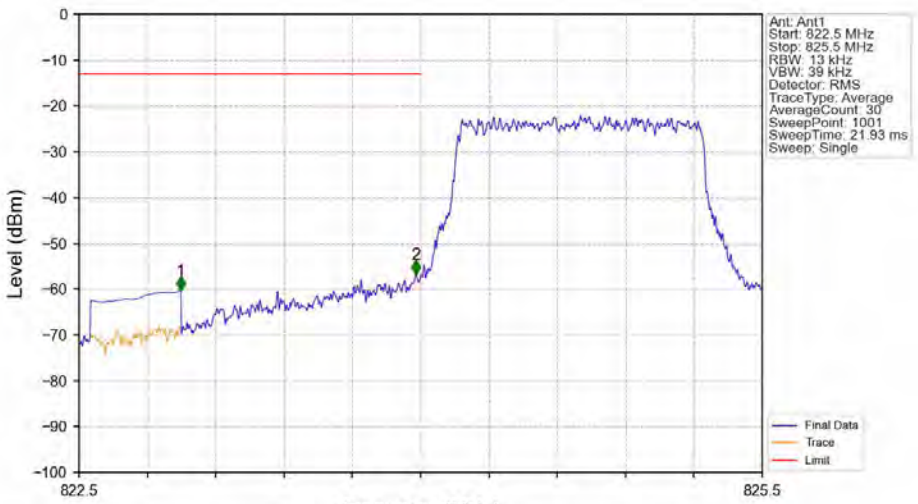
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

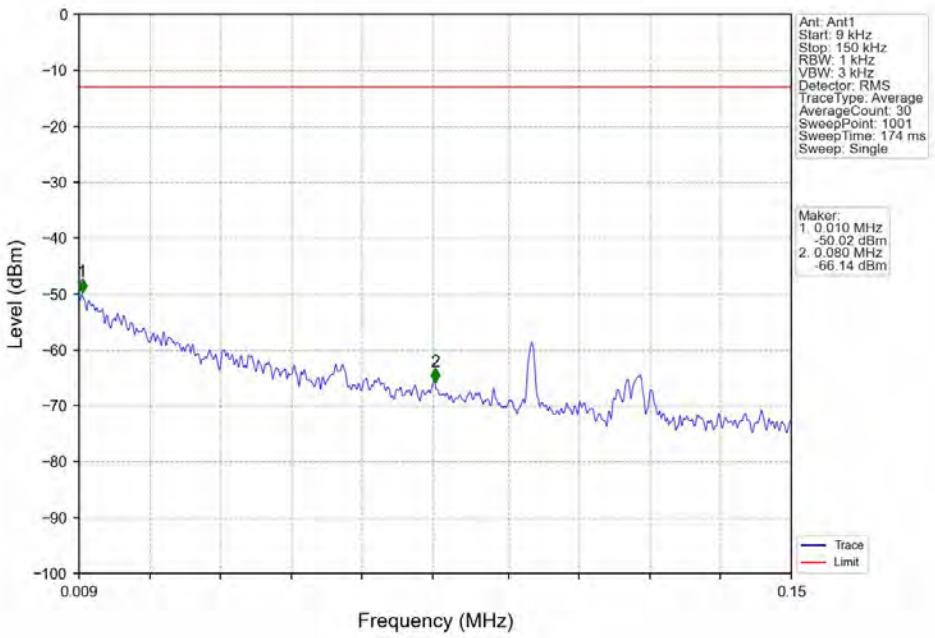


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

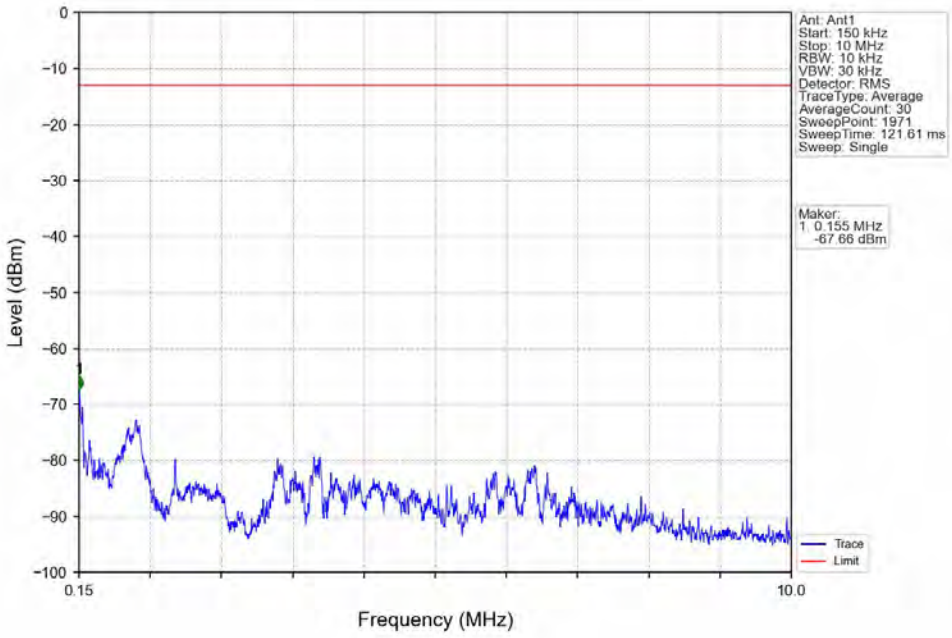


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-60.38	-13	Pass
823	824	0.013	/	2	823.979	-56.87	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

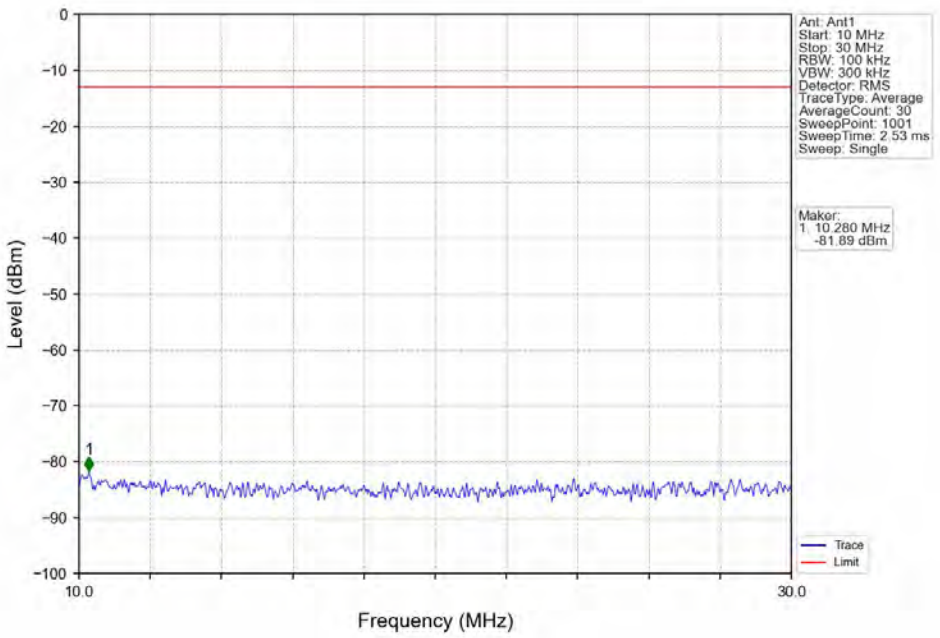
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



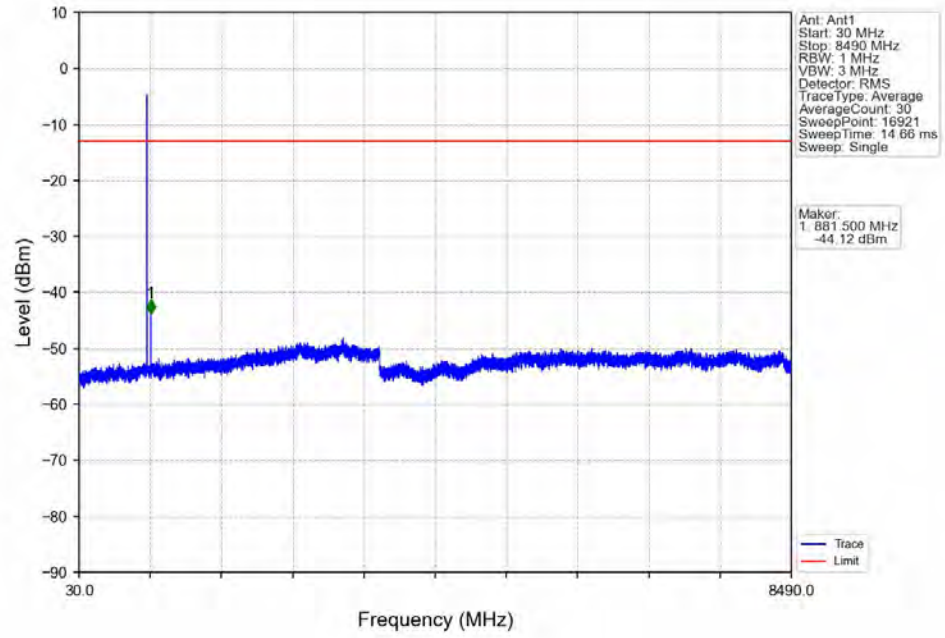
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



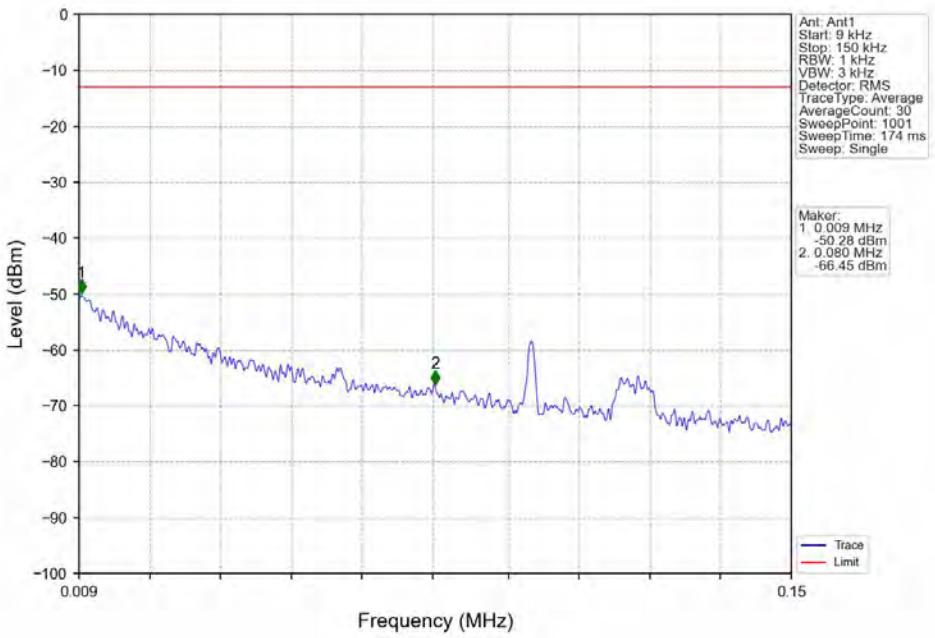
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



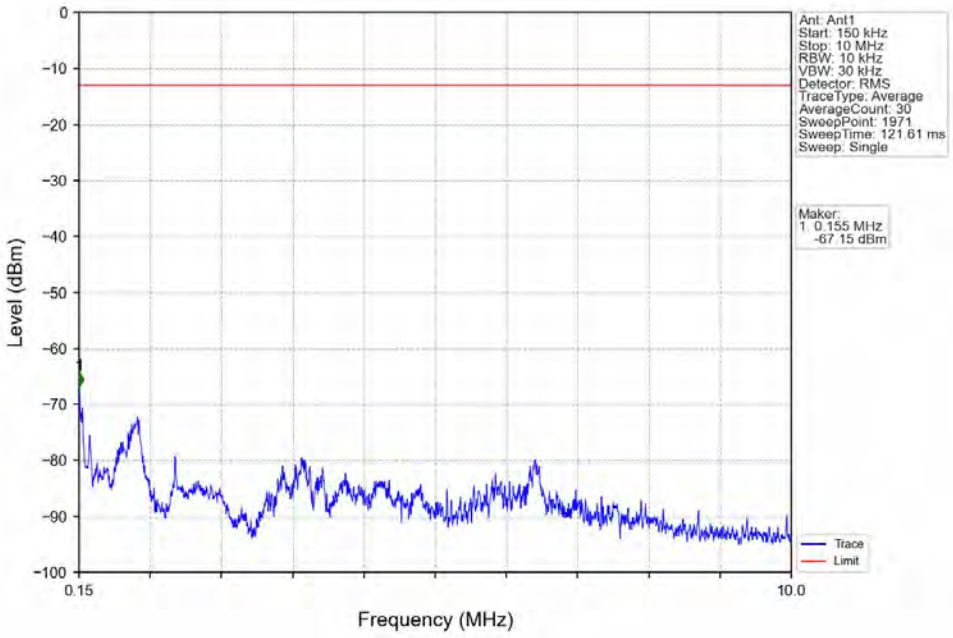
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



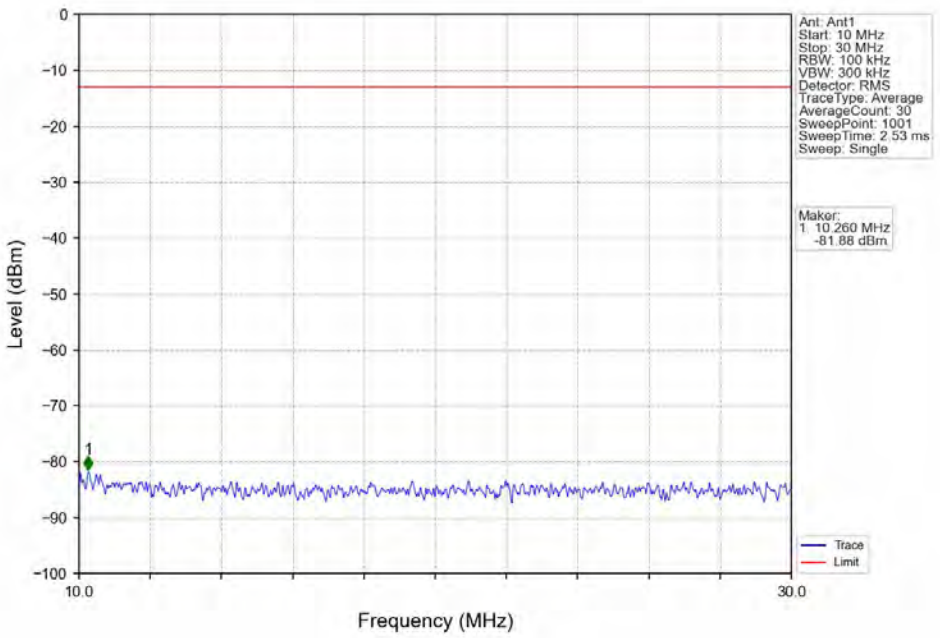
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



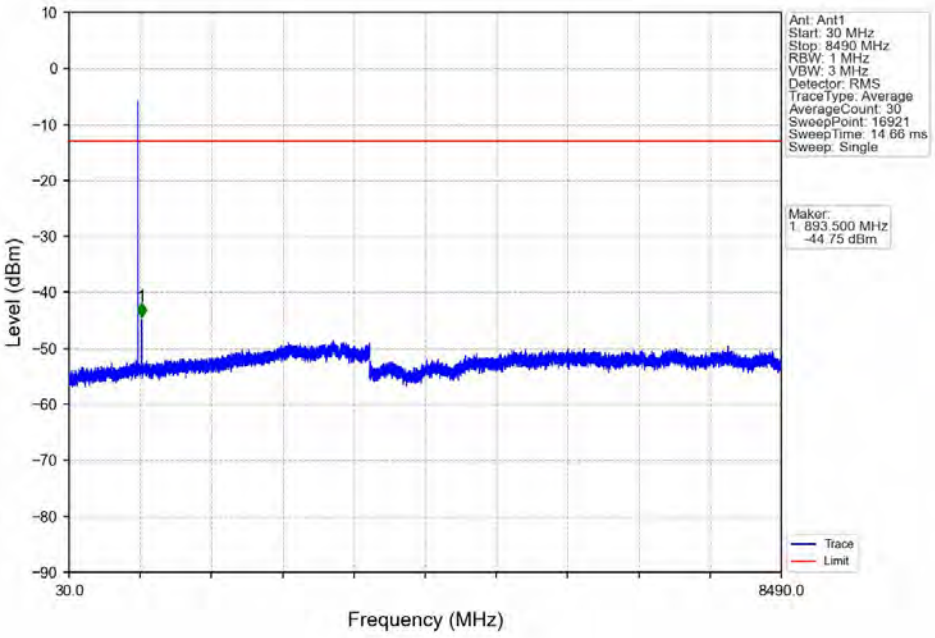
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



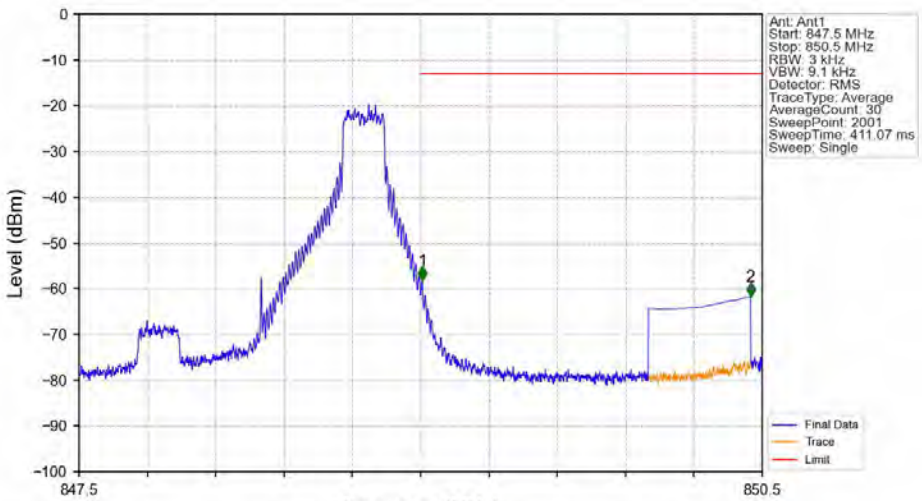
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

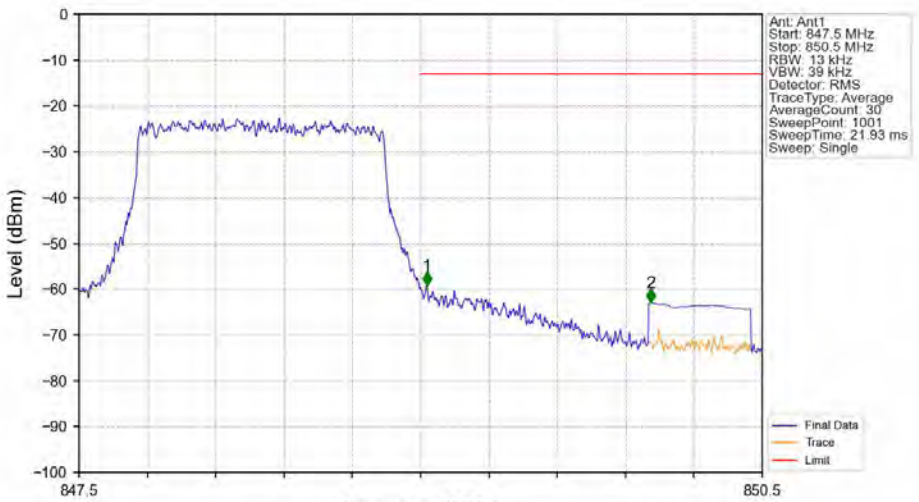


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-58.27	-13	Pass
850	850.5	0.1	CHP	2	850.449	-61.79	-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	849.027	-59.23	-13	Pass
850	850.5	0.1	CHP	2	850.011	-62.97	-13	Pass

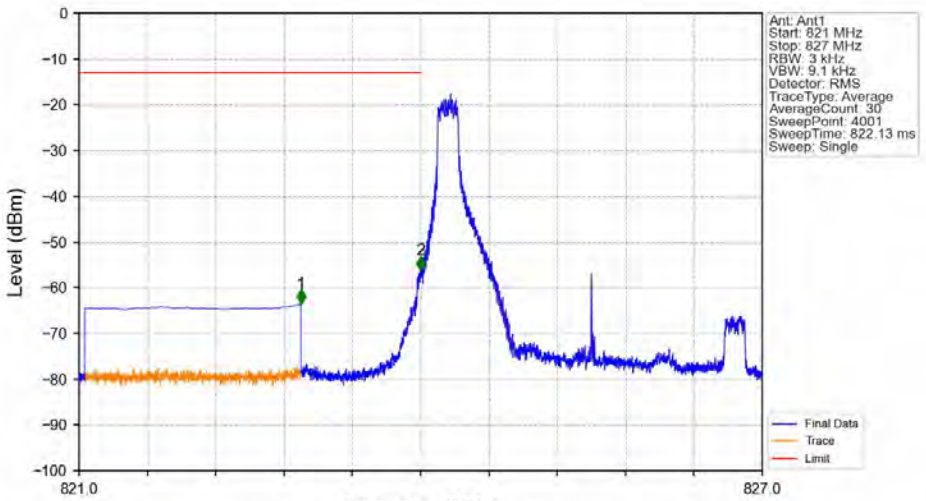
6.2 B5_3MHz

6.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

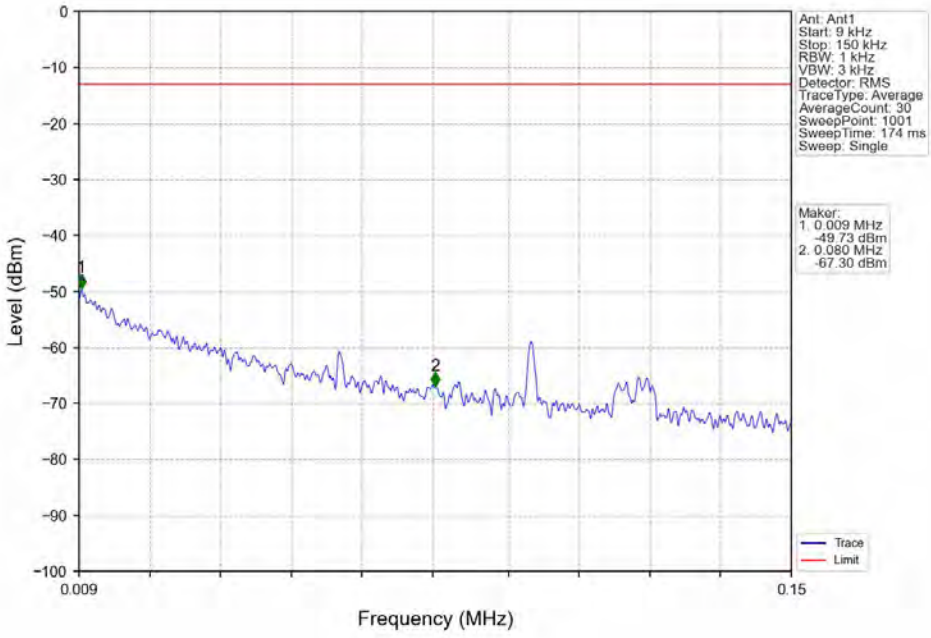
6.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

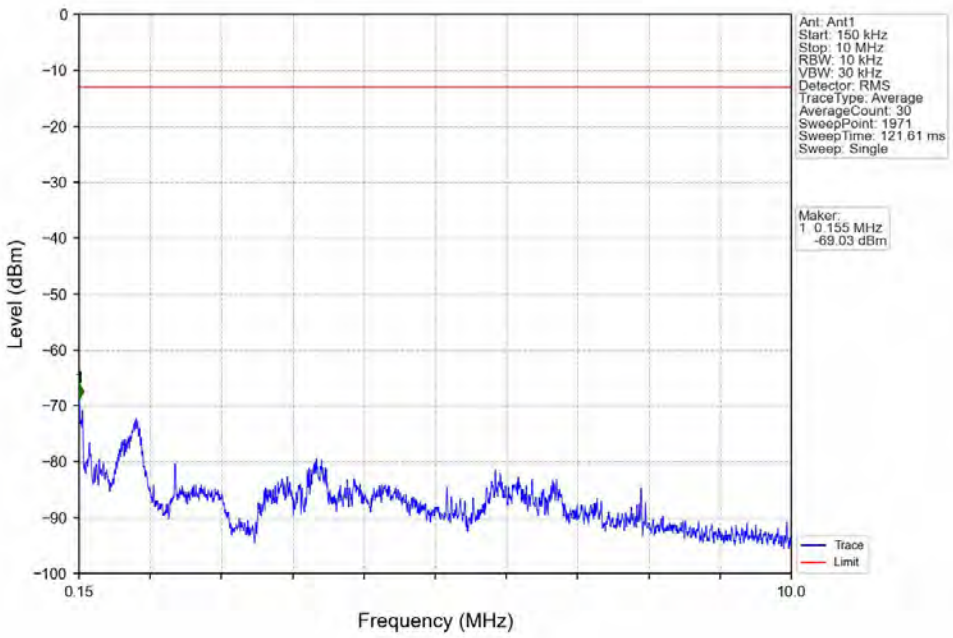


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-63.56	-13	Pass
823	824	0.003	/	2	823.999	-56.20	-13	Pass
824	827	0.003	/	/	/	/	/	/

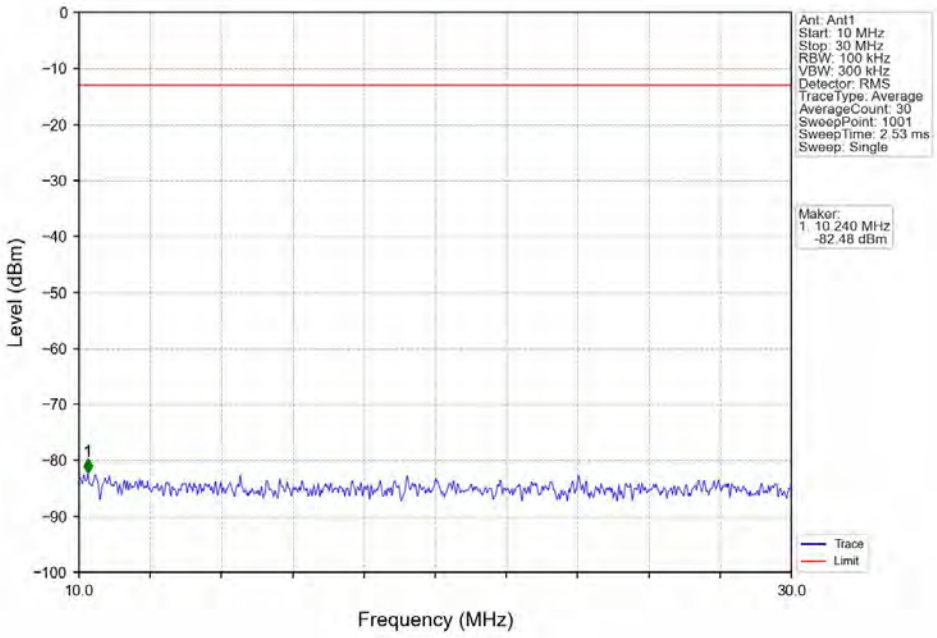
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



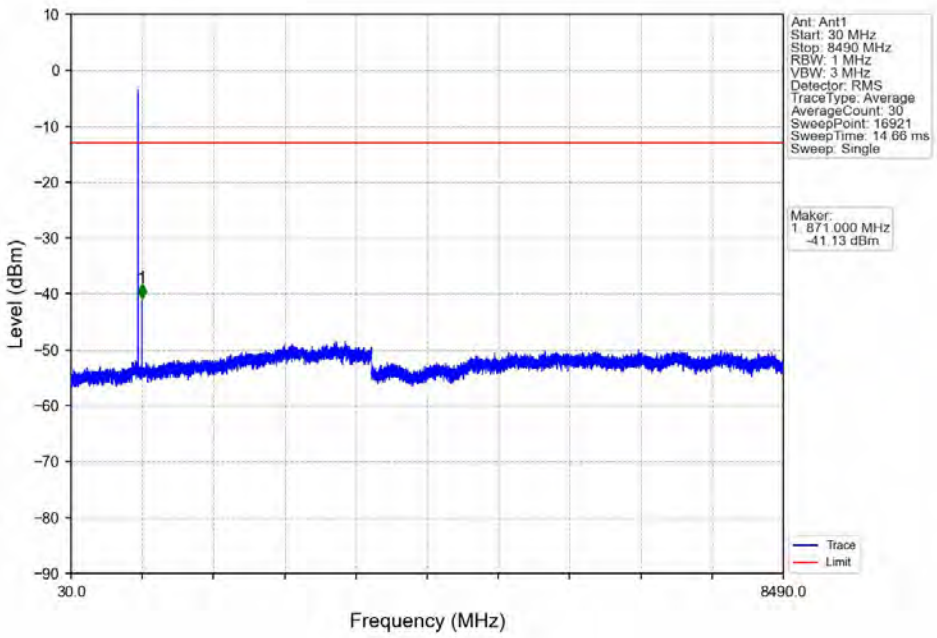
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



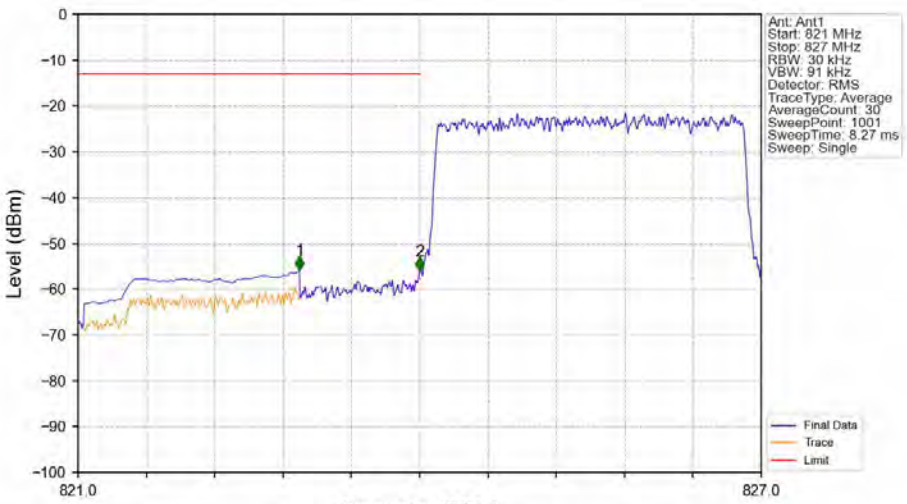
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

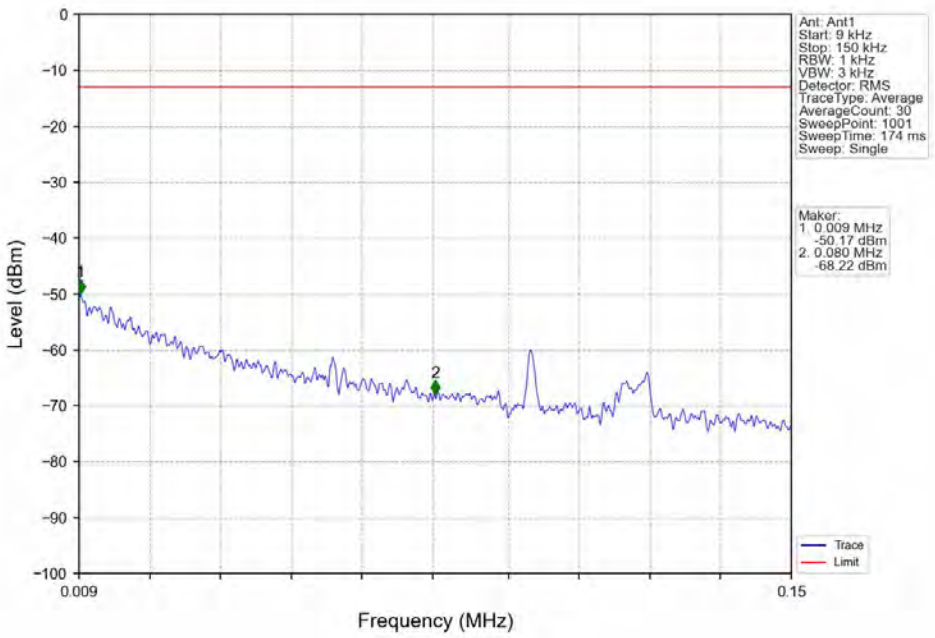


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

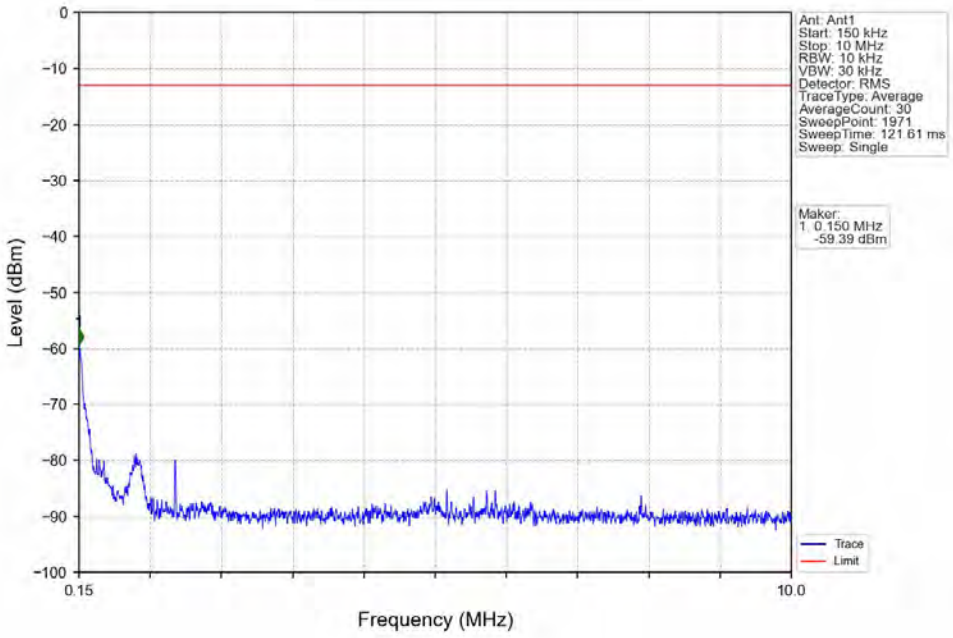


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-55.96	-13	Pass
823	824	0.03	/	2	824.000	-56.14	-13	Pass
824	827	0.03	/	/	/	/	/	/

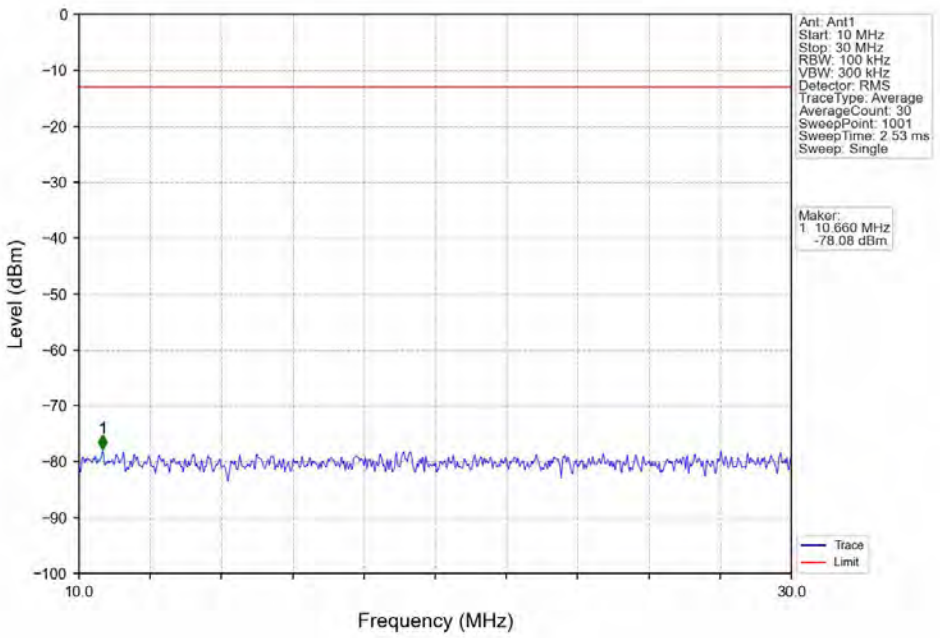
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



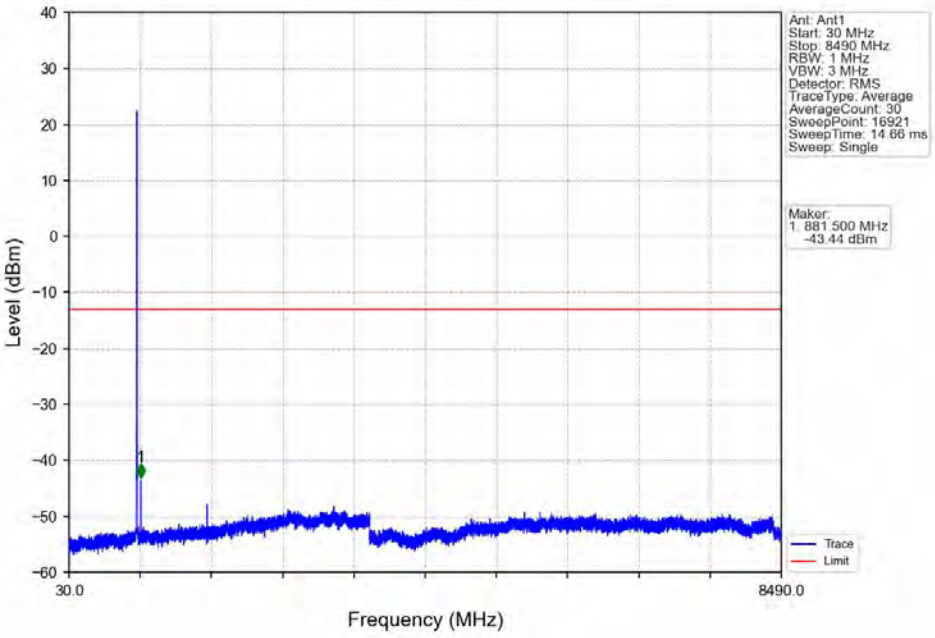
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



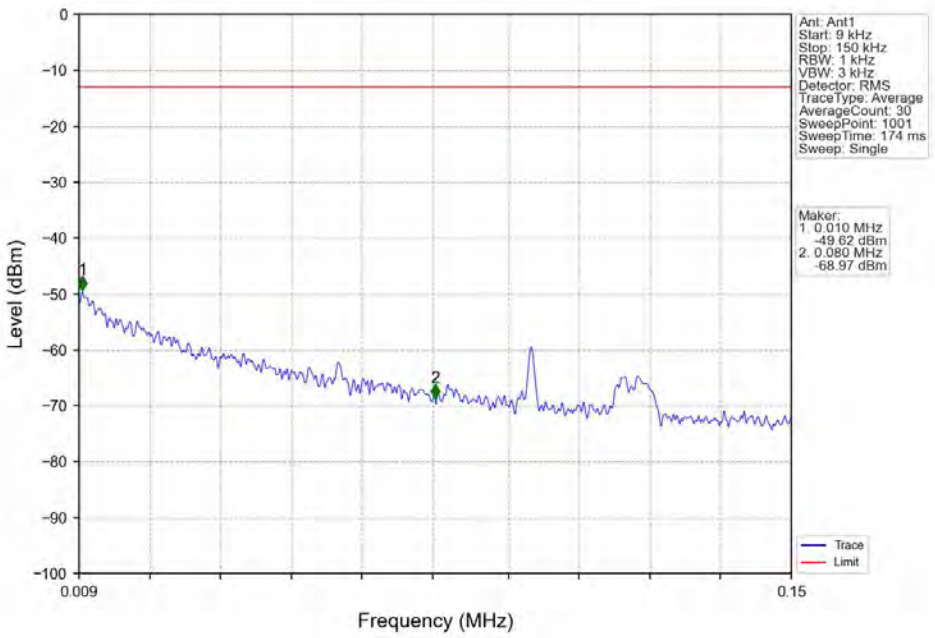
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



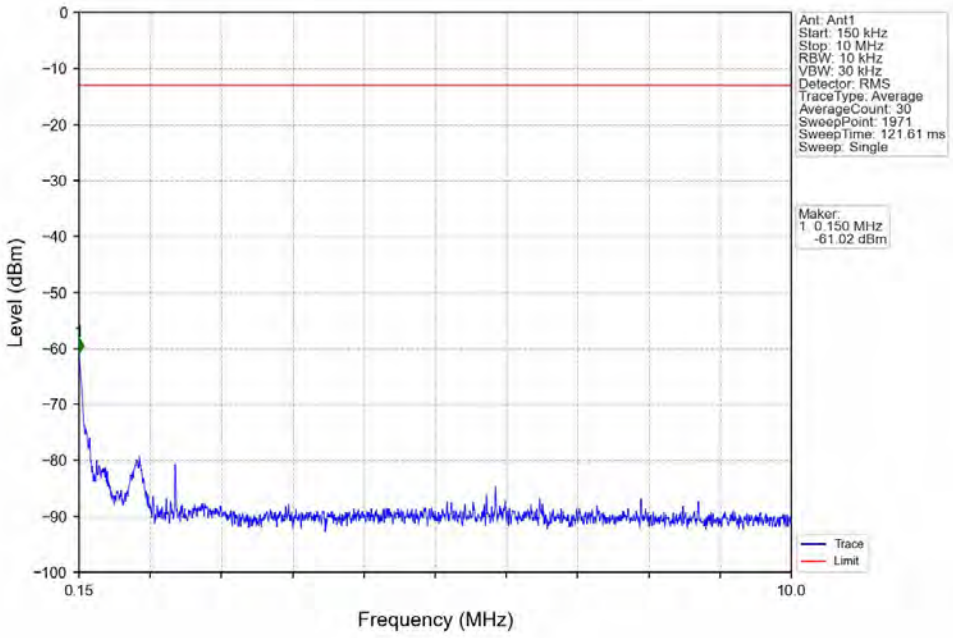
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



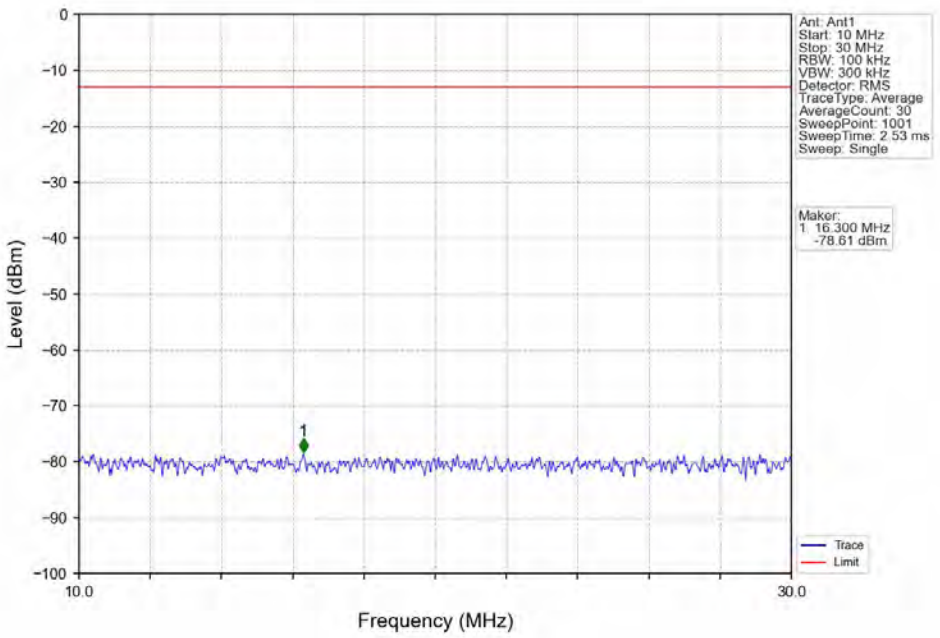
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



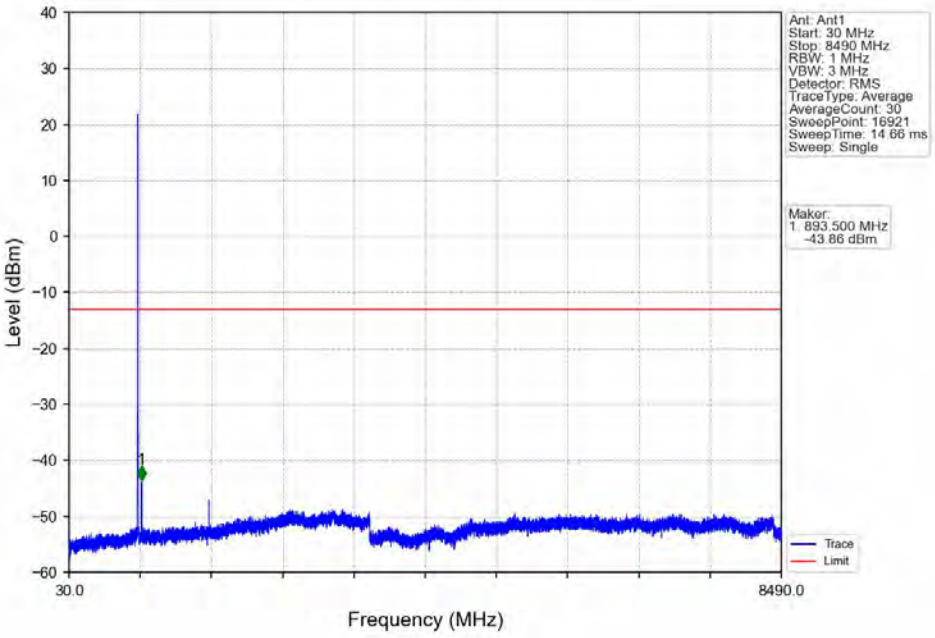
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



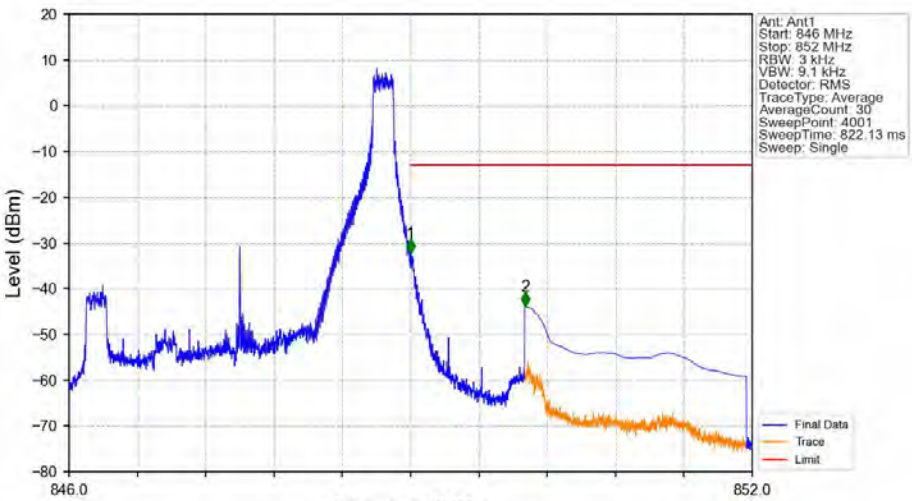
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

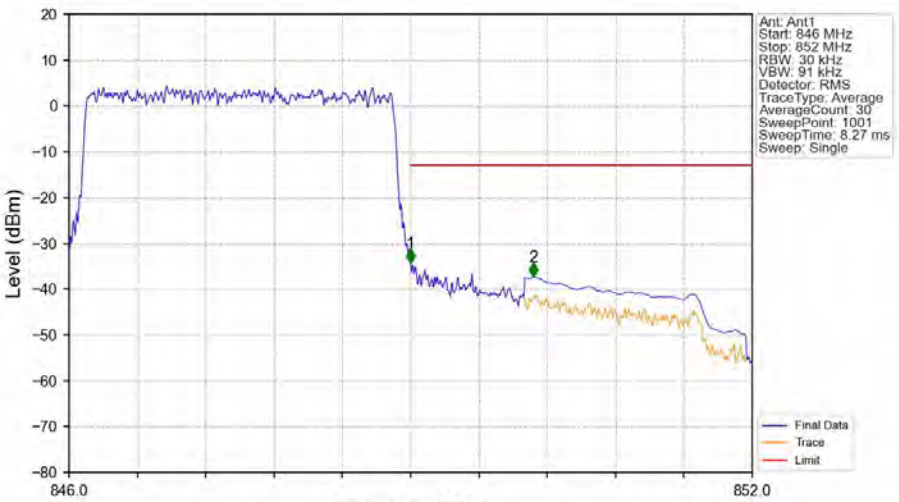


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



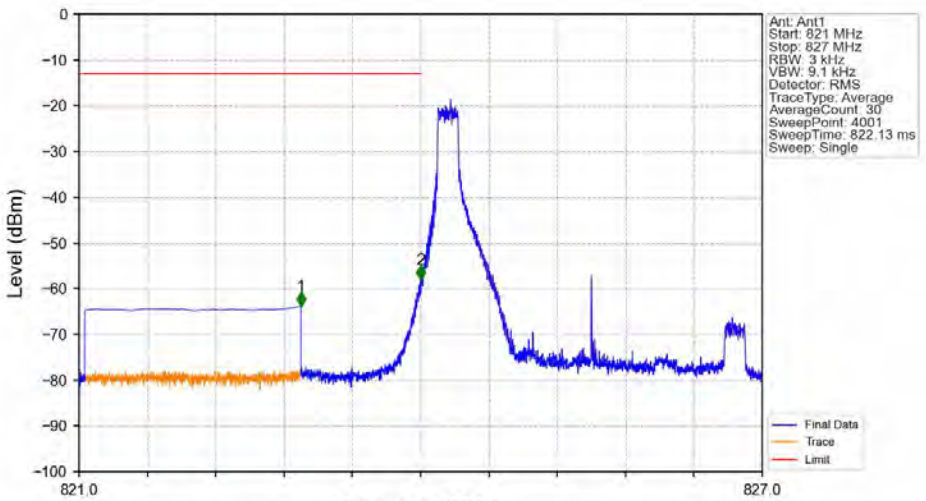
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-32.23	-13	Pass
850	852	0.1	CHP	2	850.005	-43.89	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



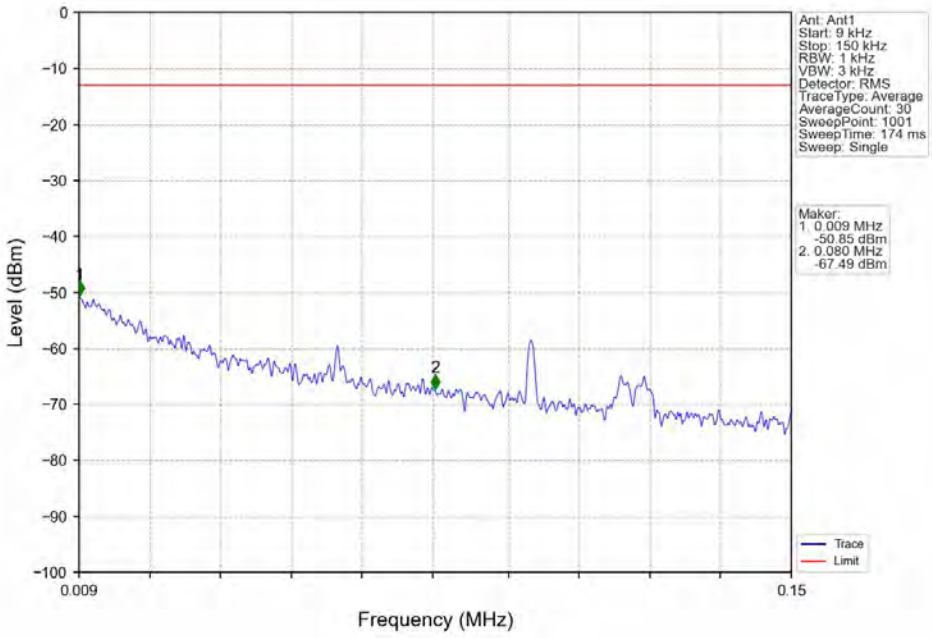
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.000	-34.38	-13	Pass
850	852	0.1	CHP	2	850.080	-37.38	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

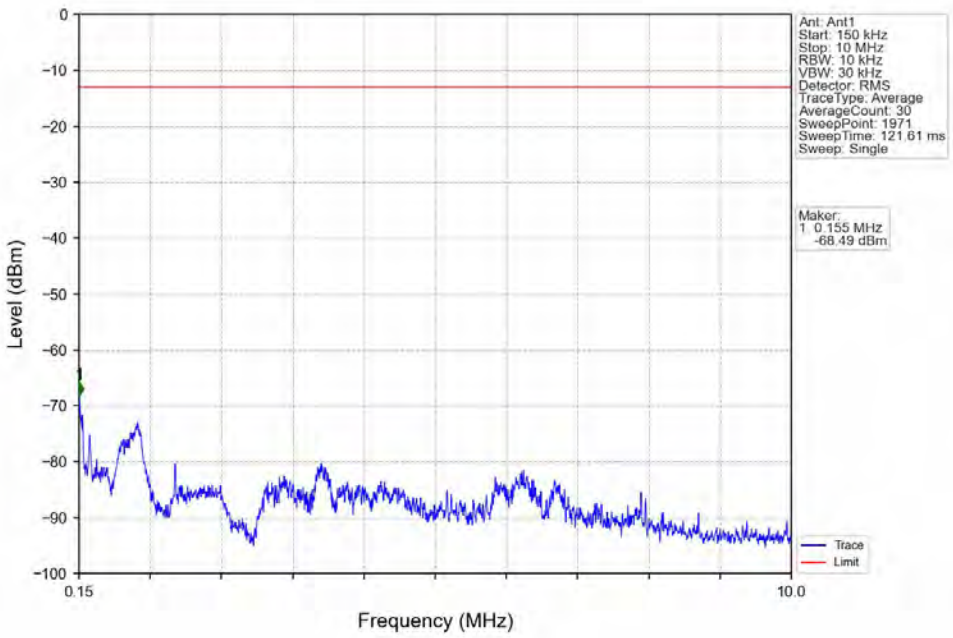


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-63.80	-13	Pass
823	824	0.003	/	2	823.999	-58.10	-13	Pass
824	827	0.003	/	/	/	/	/	/

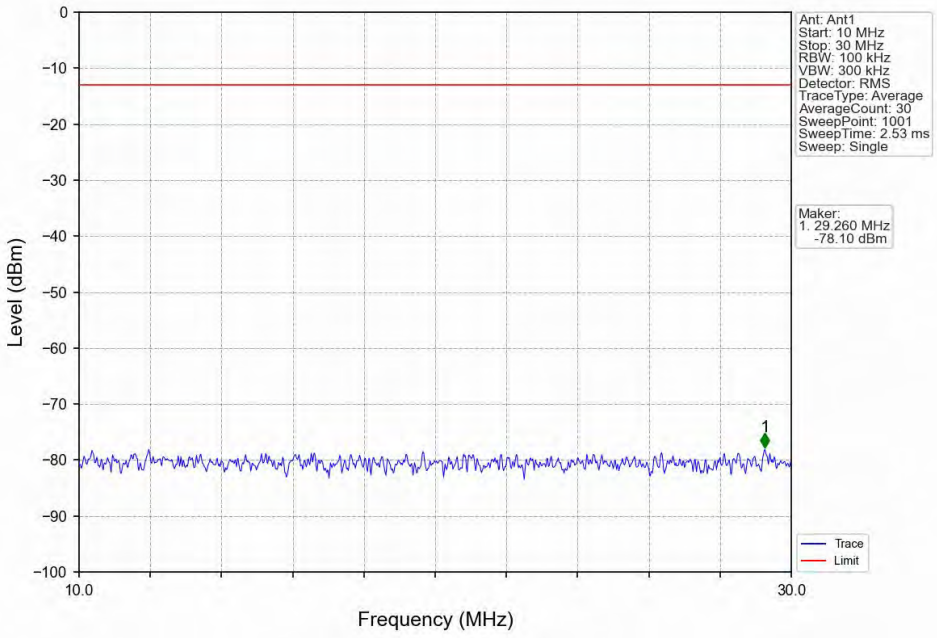
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



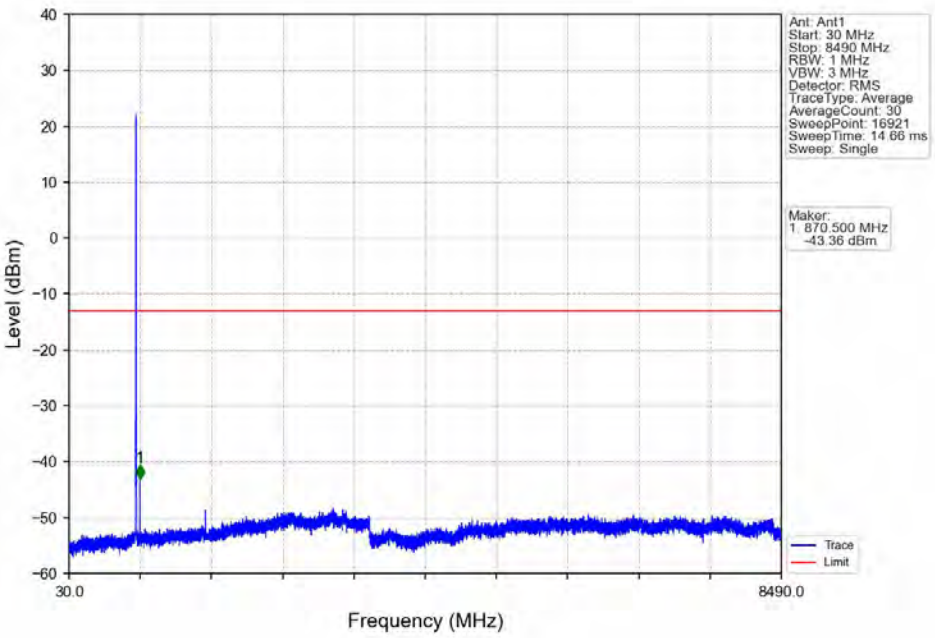
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



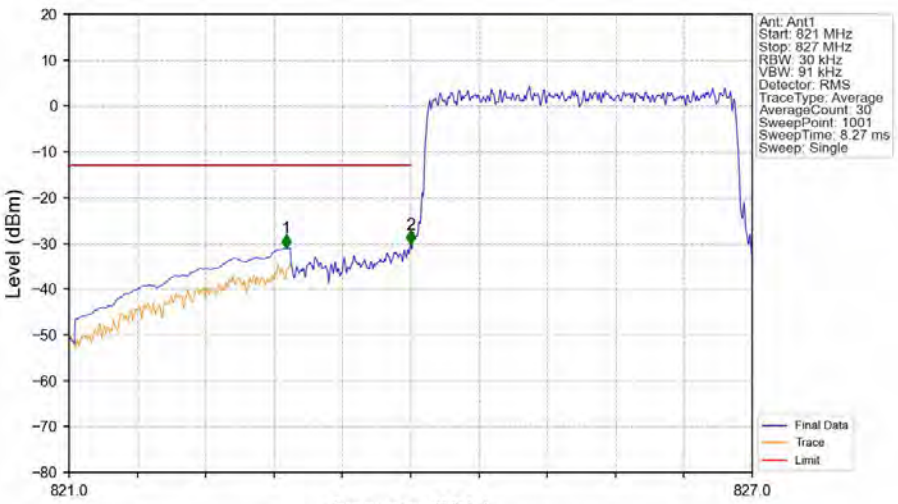
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

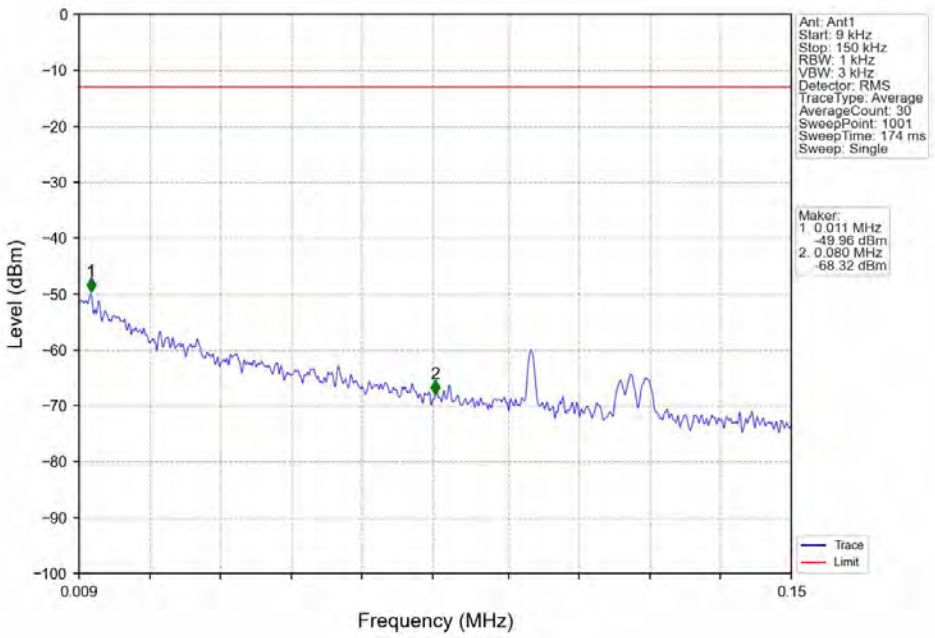


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

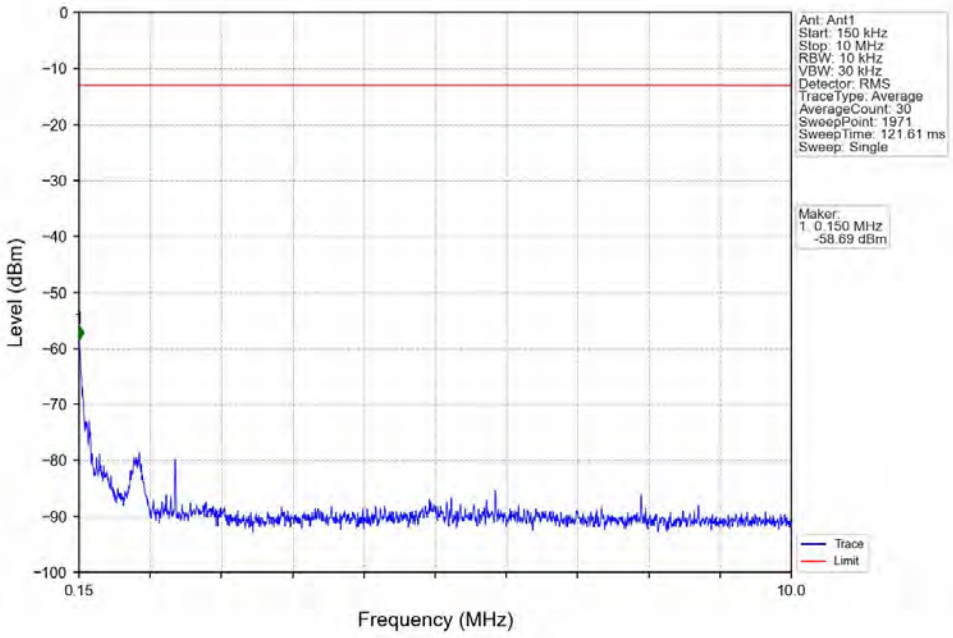


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.908	-31.08	-13	Pass
823	824	0.03	/	2	824.000	-30.26	-13	Pass
824	827	0.03	/	/	/	/	/	/

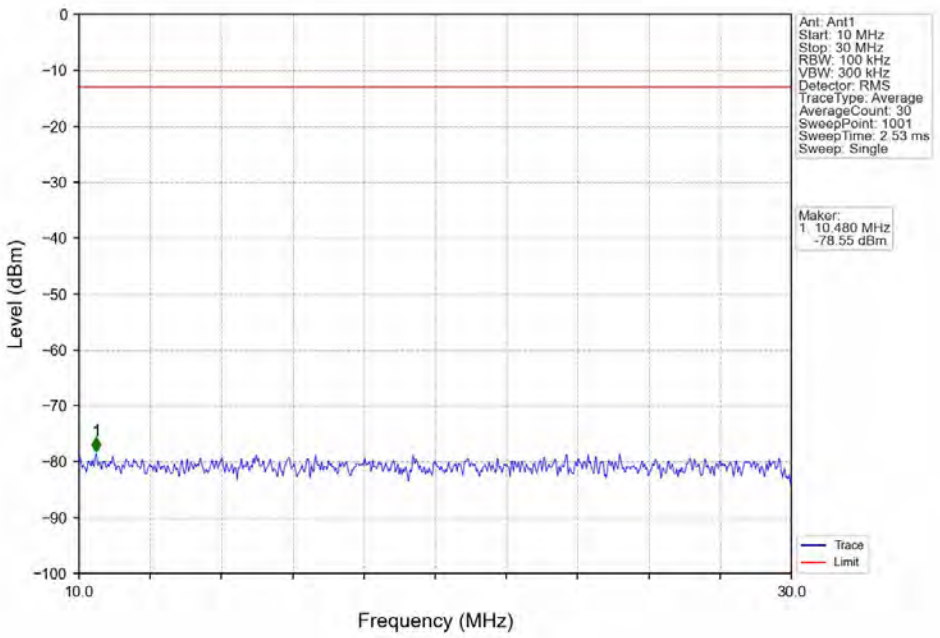
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



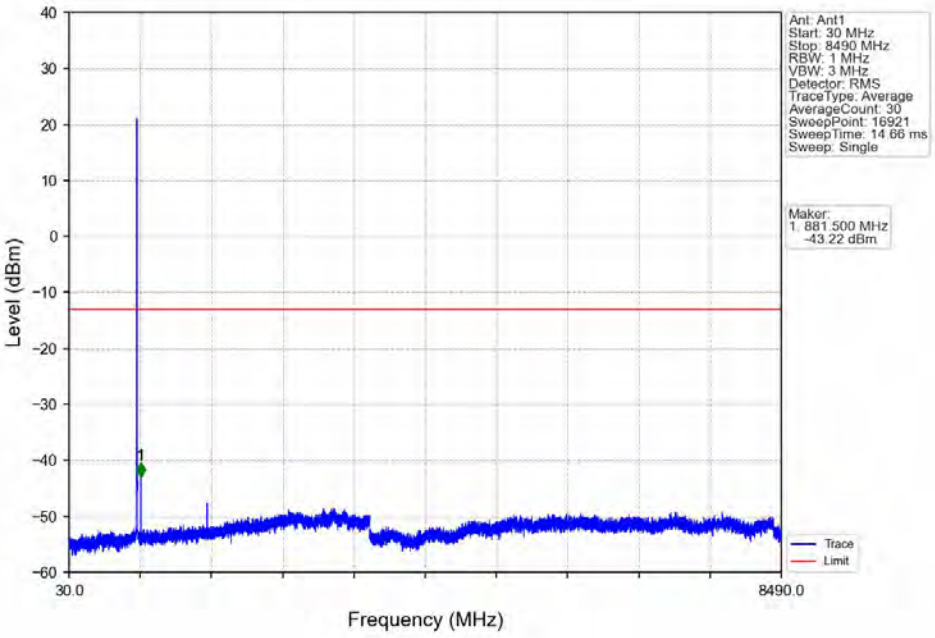
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



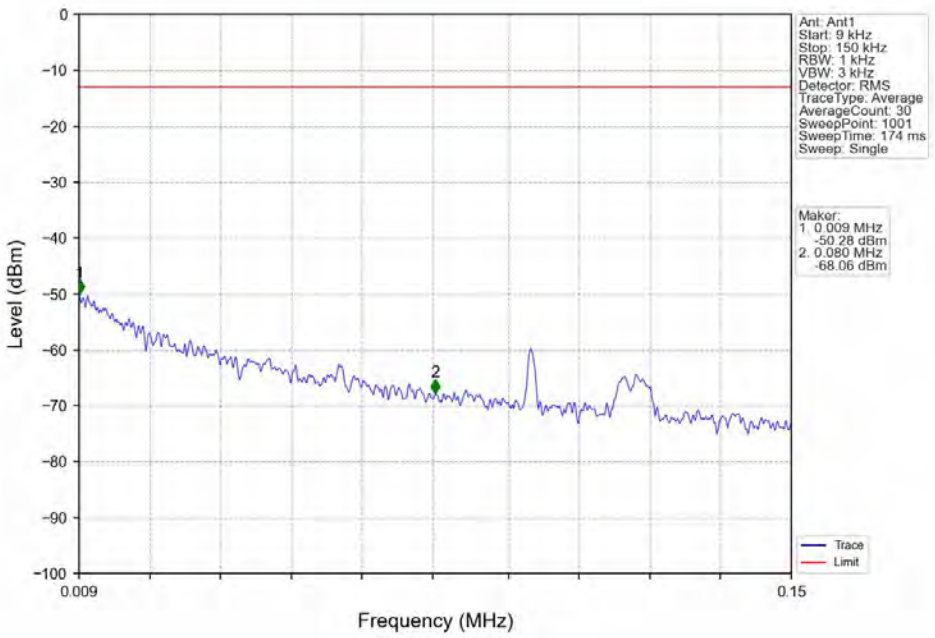
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



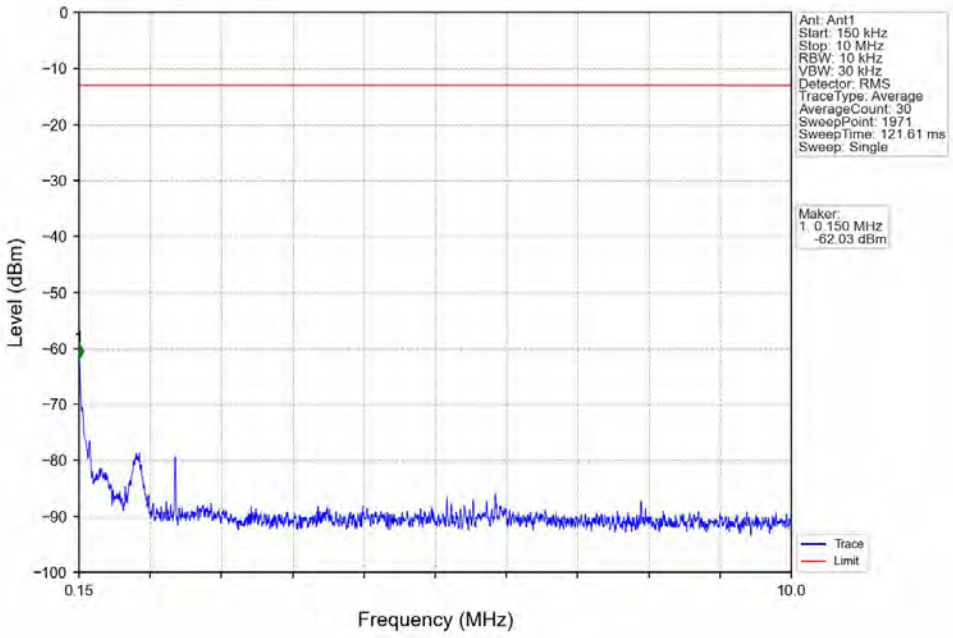
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



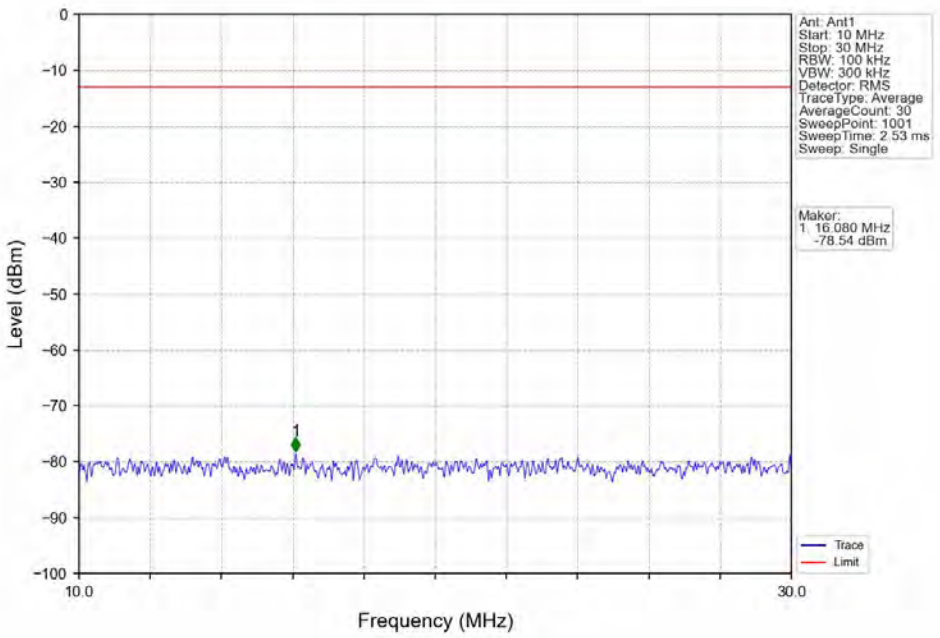
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



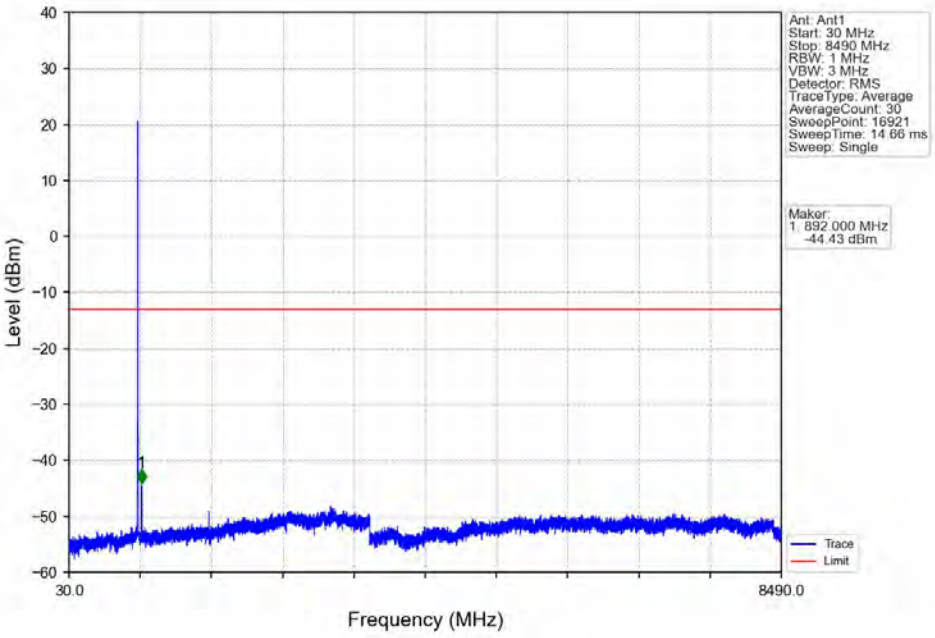
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



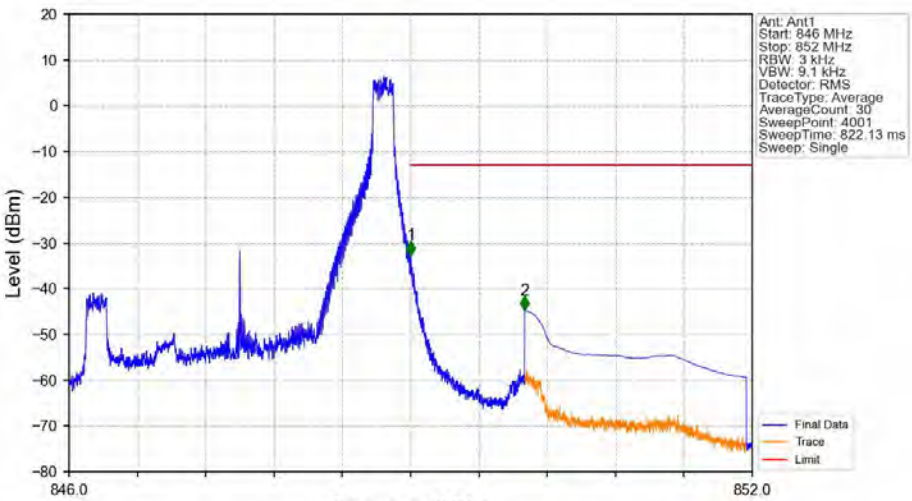
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

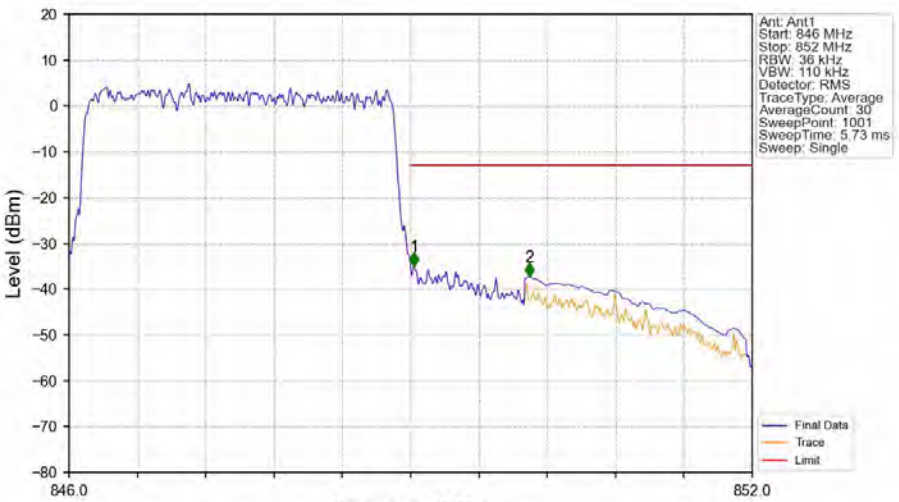


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-32.65	-13	Pass
850	852	0.1	CHP	2	850.002	-44.75	-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	0.036	/	/	/	/	/	/
849	850	0.036	/	1	849.030	-34.98	-13	Pass
850	852	0.1	CHP	2	850.044	-37.32	-13	Pass

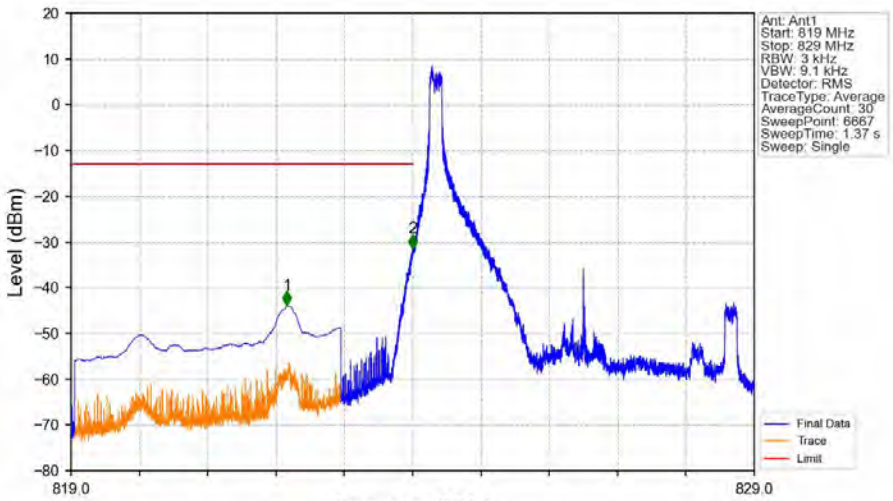
6.3 B5_5MHz

6.3.1 Test Result

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

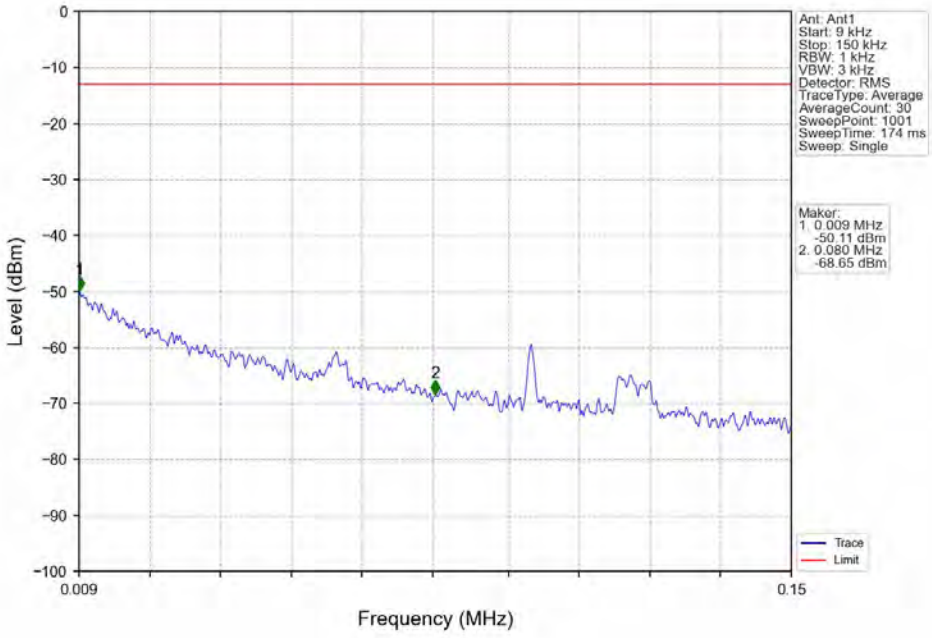
6.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

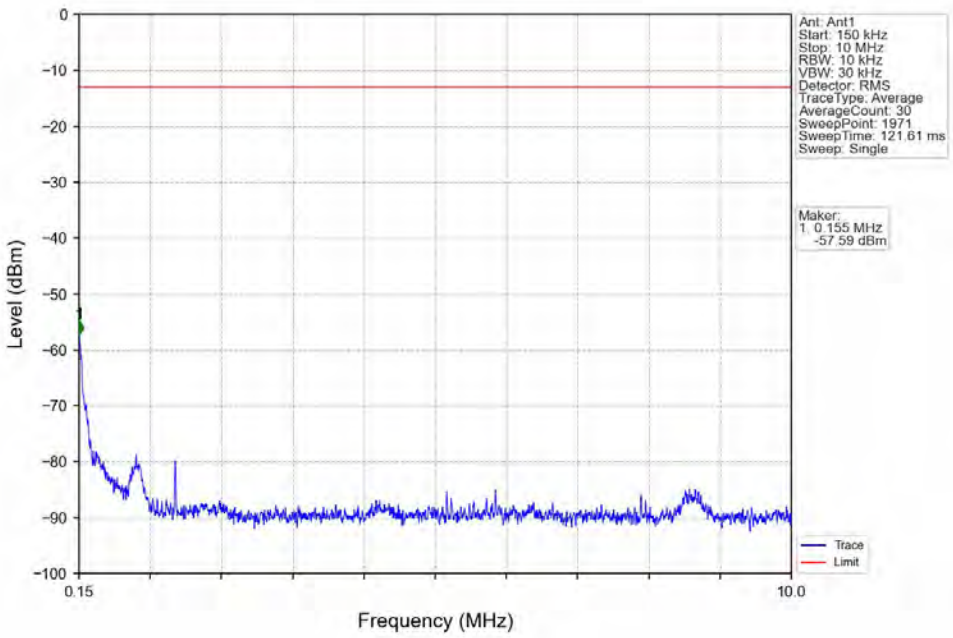


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.161	-43.92	-13	Pass
823	824	0.003	/	2	823.999	-31.41	-13	Pass
824	829	0.003	/	/	/	/	/	/

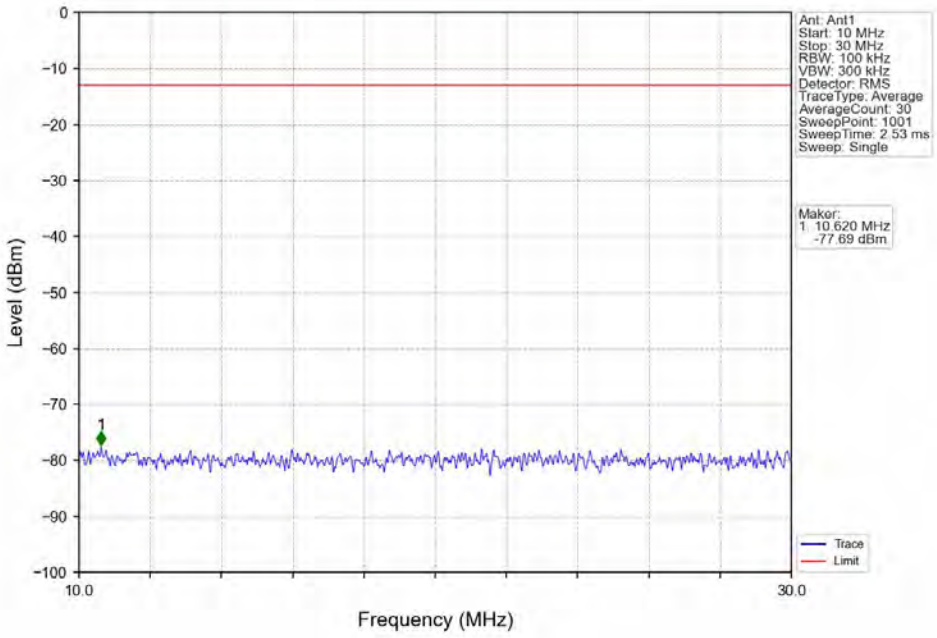
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



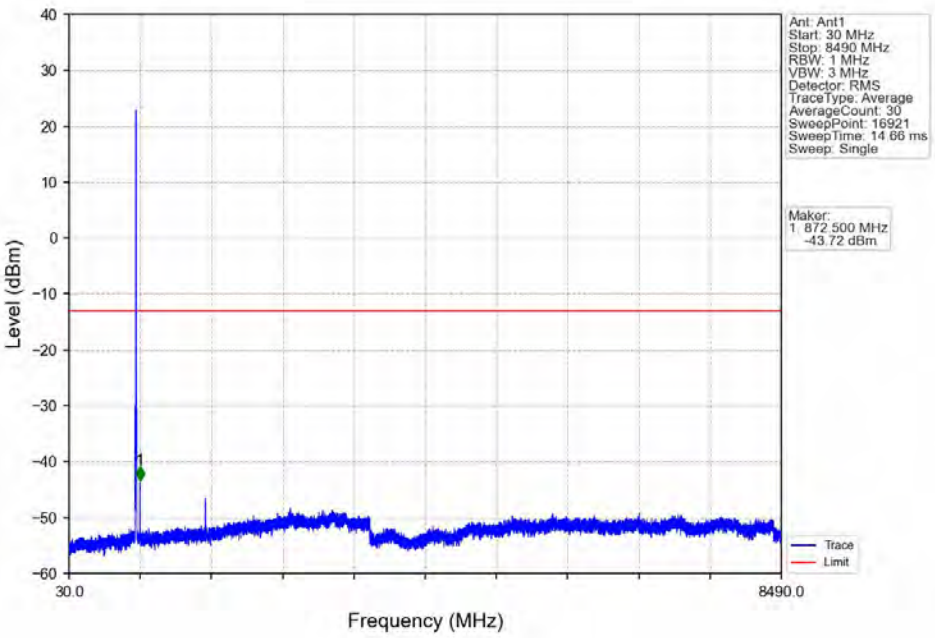
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



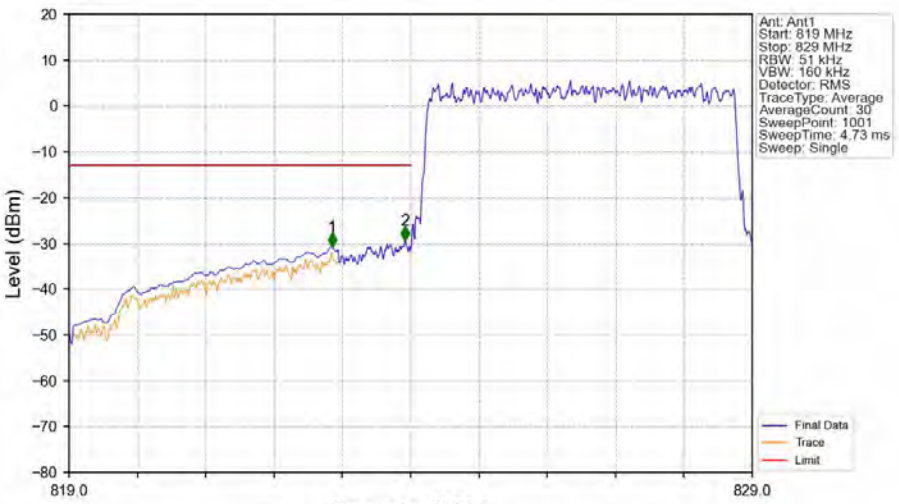
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

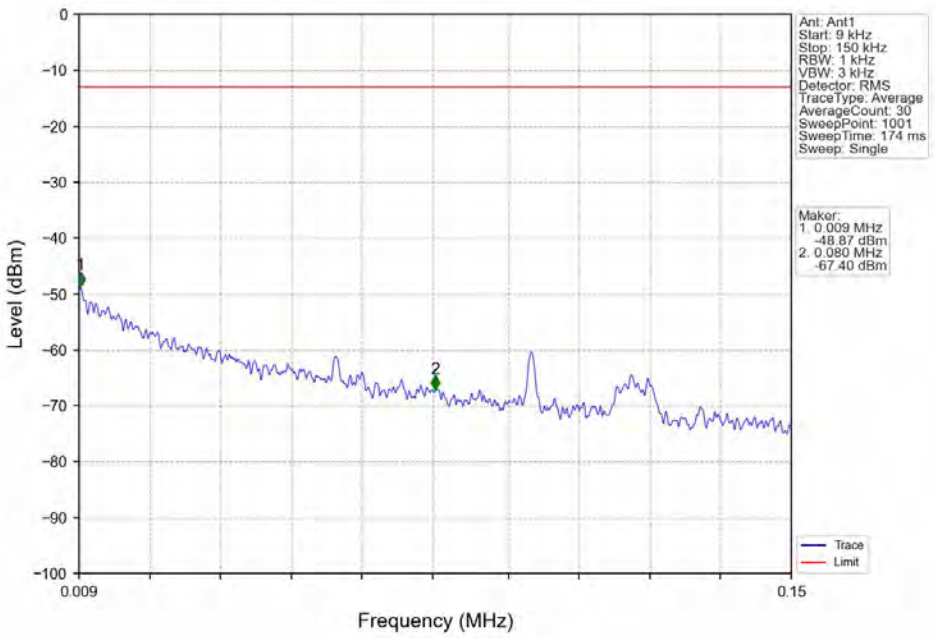


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

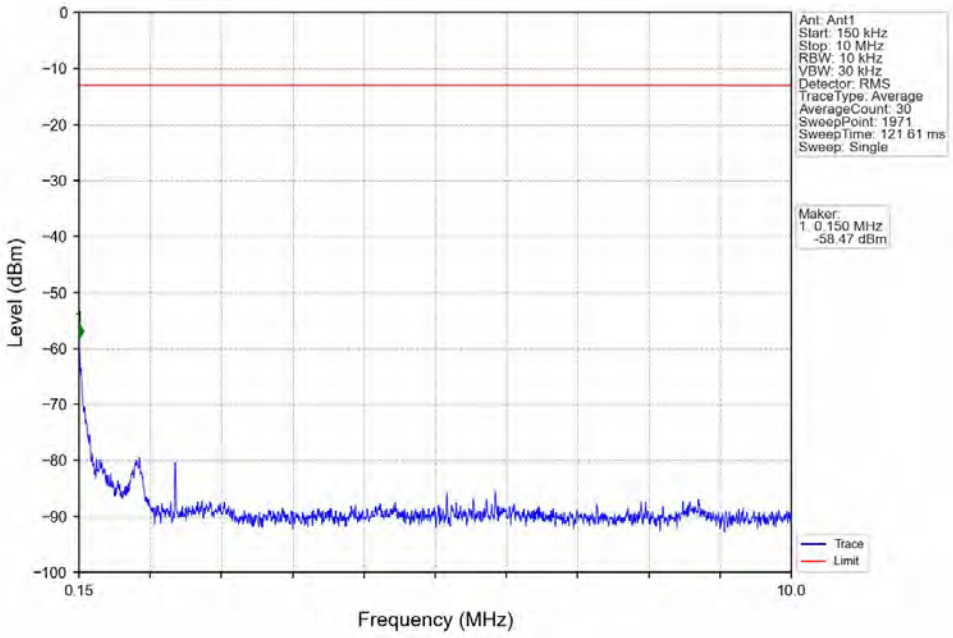


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.850	-30.87	-13	Pass
823	824	0.051	/	2	823.920	-29.36	-13	Pass
824	829	0.051	/	/	/	/	/	/

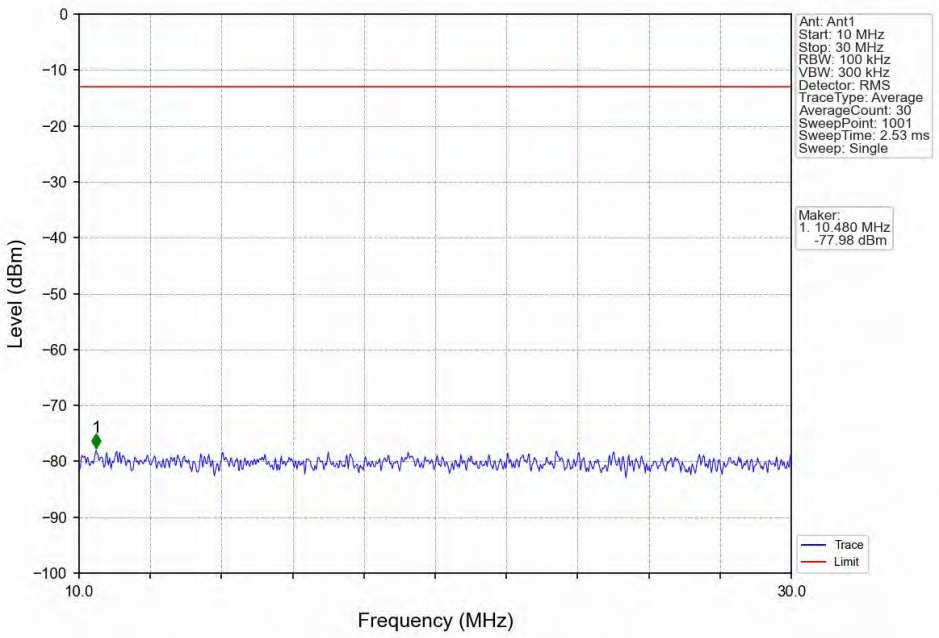
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



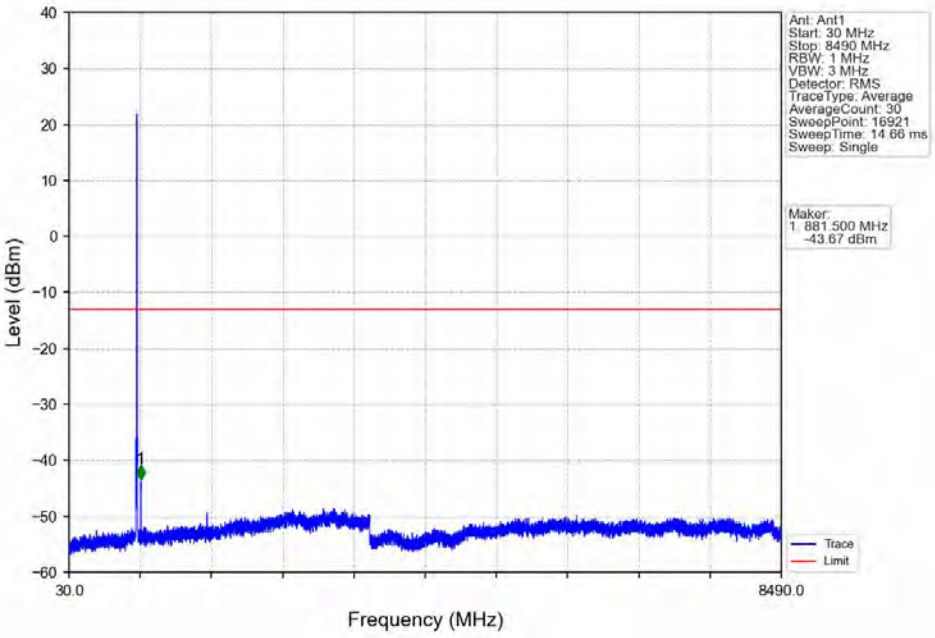
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



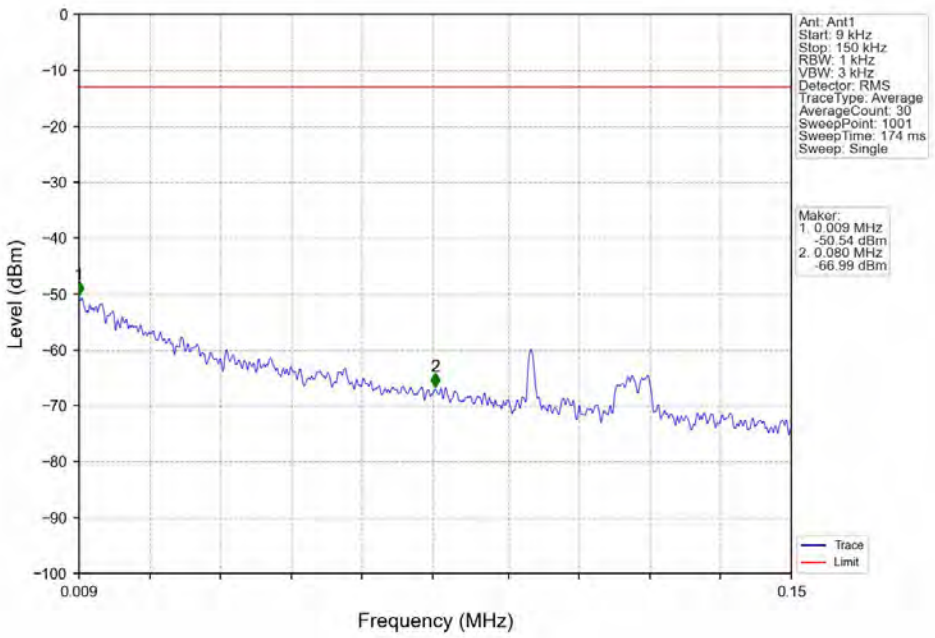
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



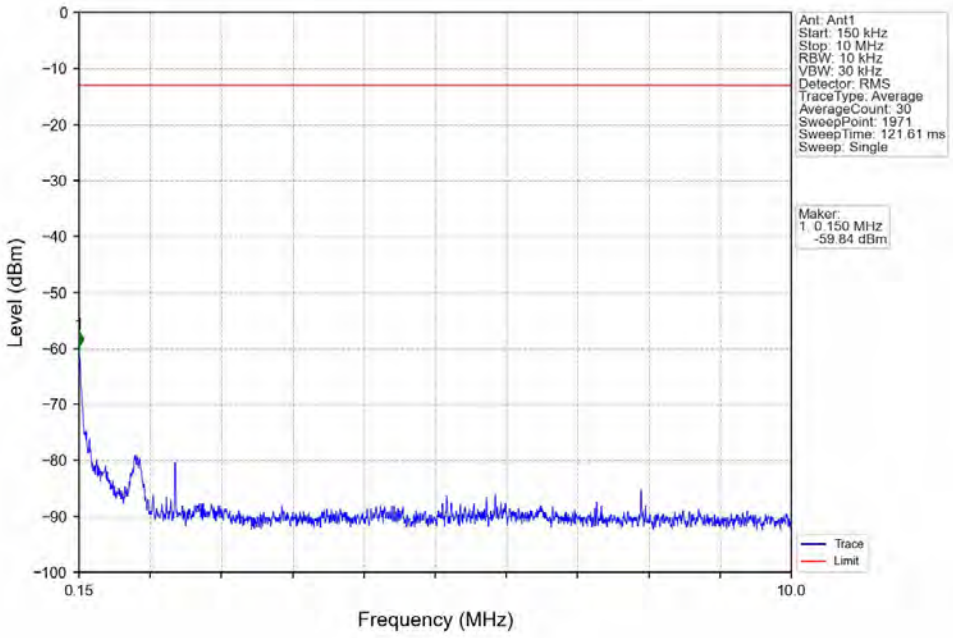
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



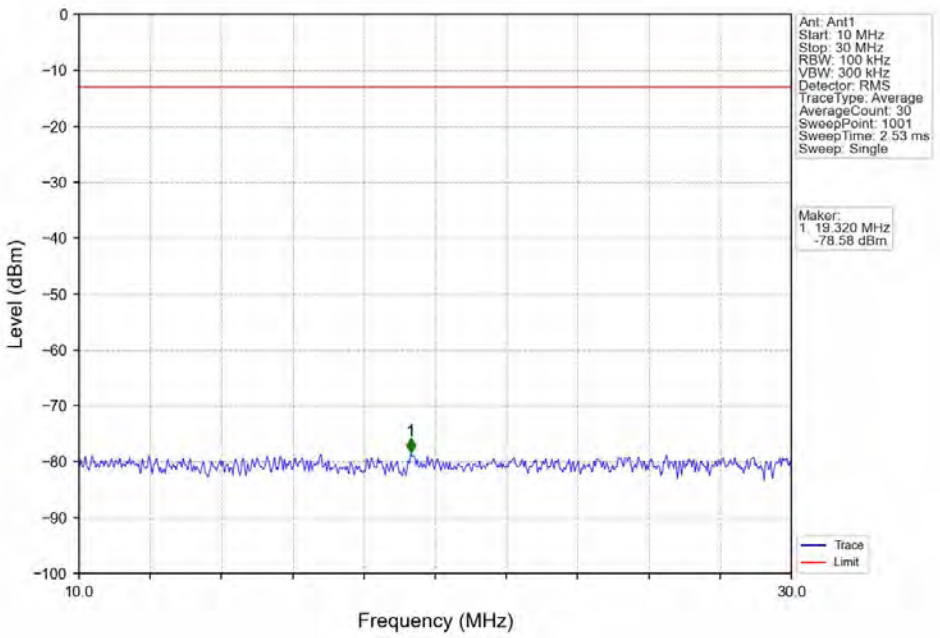
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



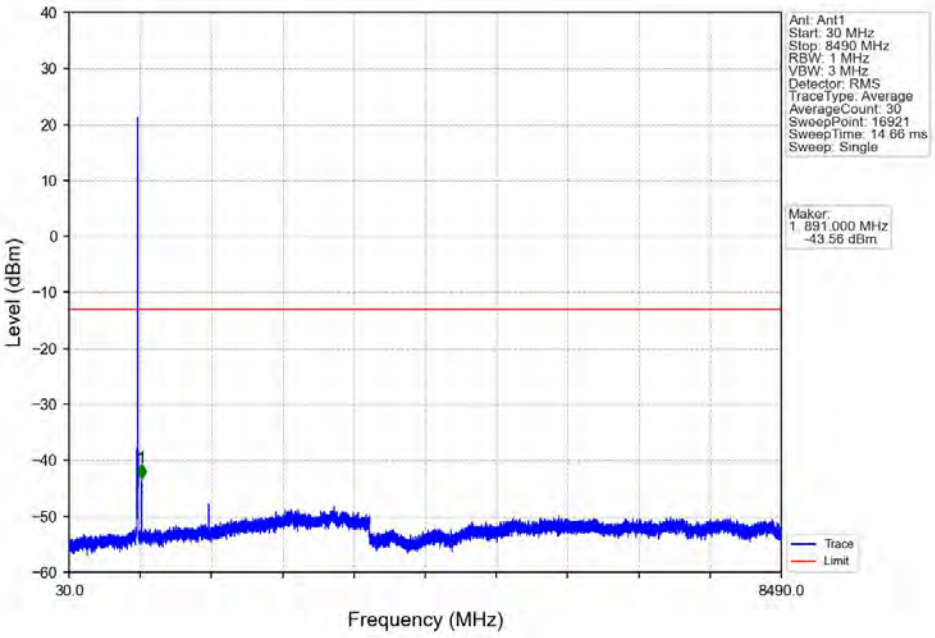
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



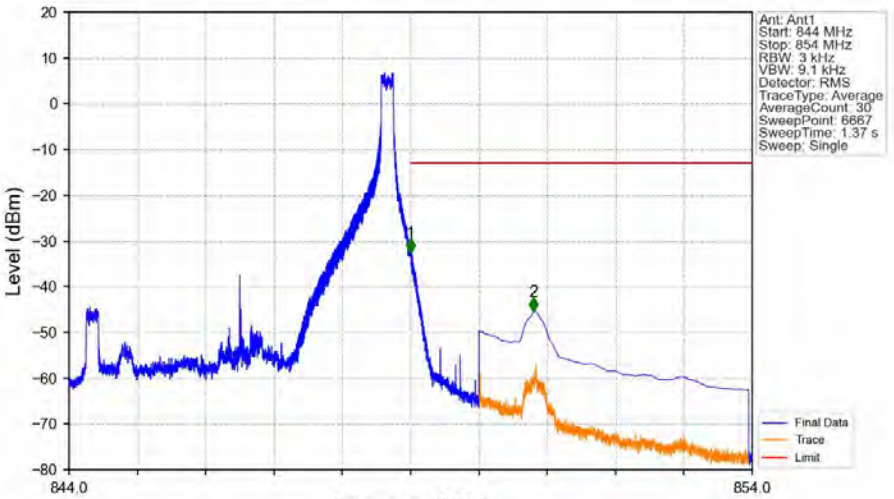
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

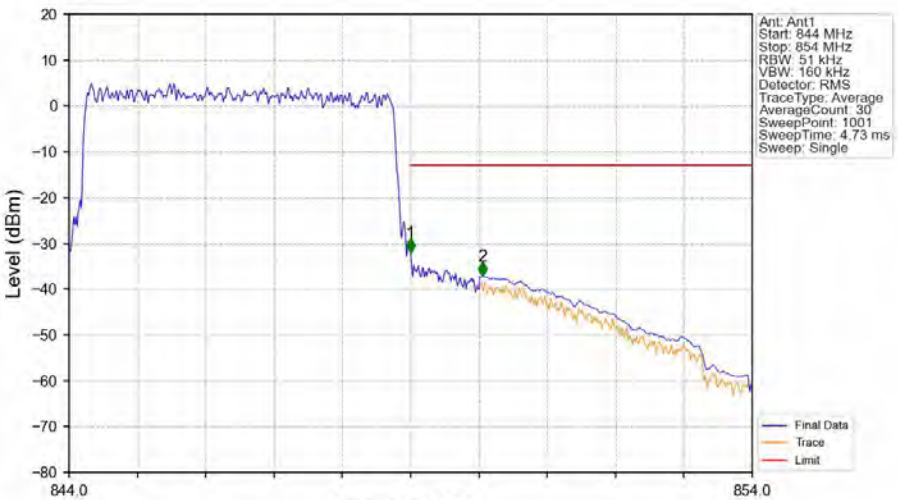


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



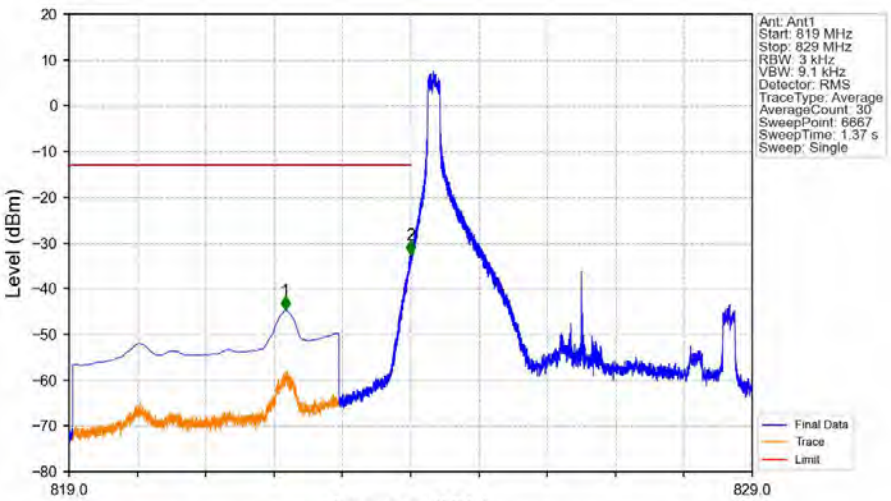
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.000	-32.51	-13	Pass
850	854	0.1	CHP	2	850.802	-45.51	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



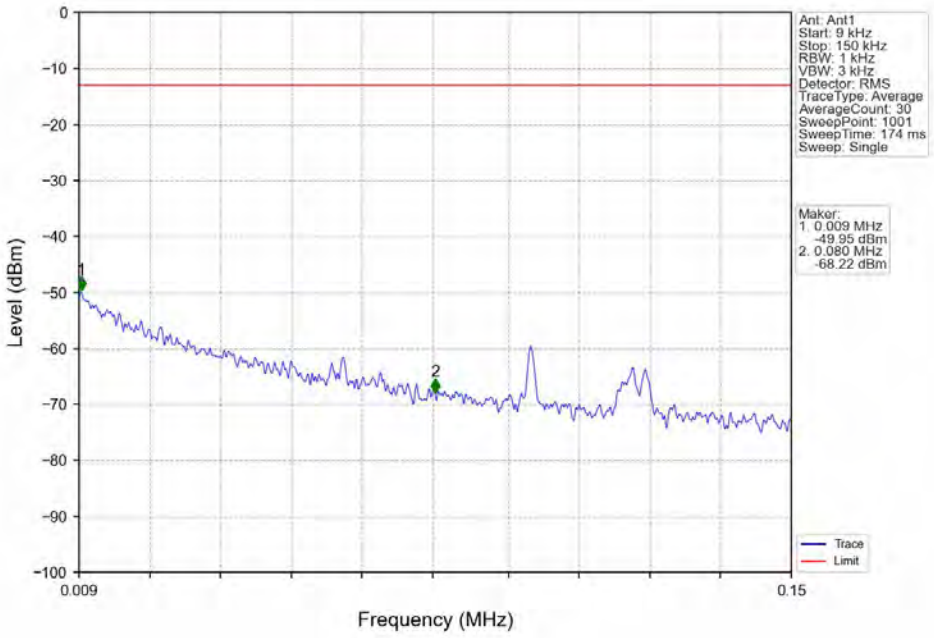
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.000	-32.00	-13	Pass
850	854	0.1	CHP	2	850.050	-37.10	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

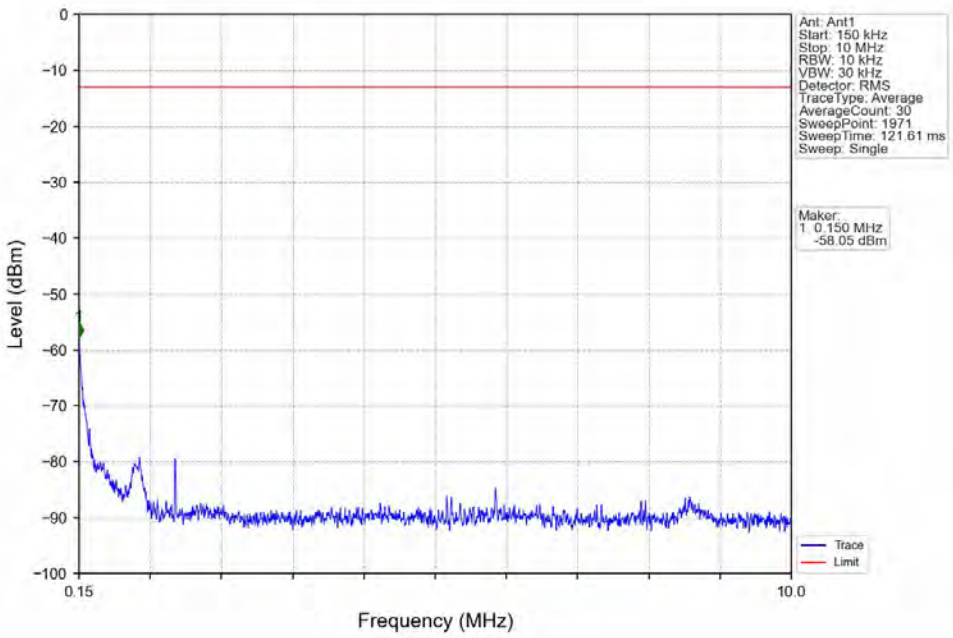


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.162	-44.76	-13	Pass
823	824	0.003	/	2	824.000	-32.59	-13	Pass
824	829	0.003	/	/	/	/	/	/

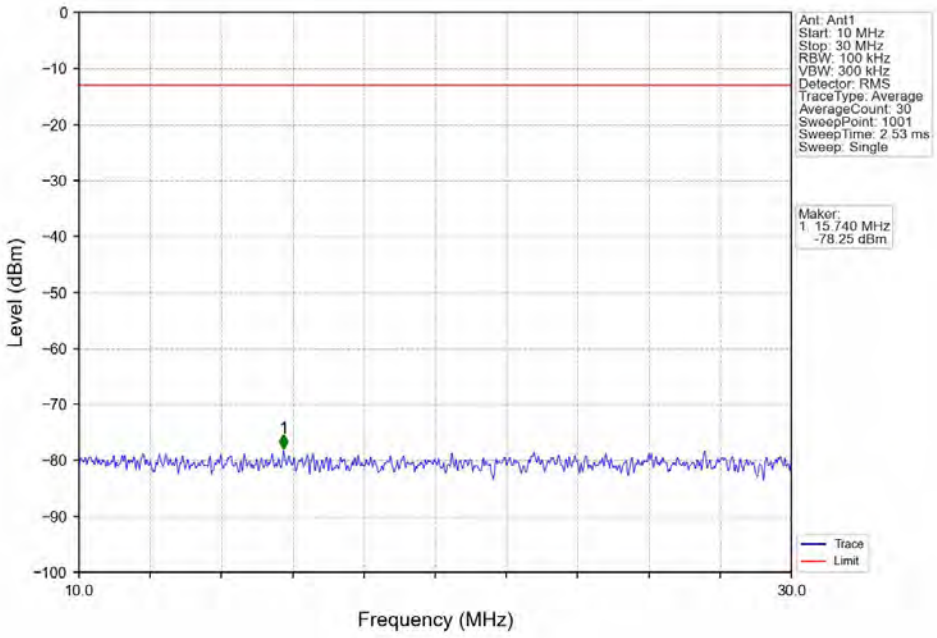
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



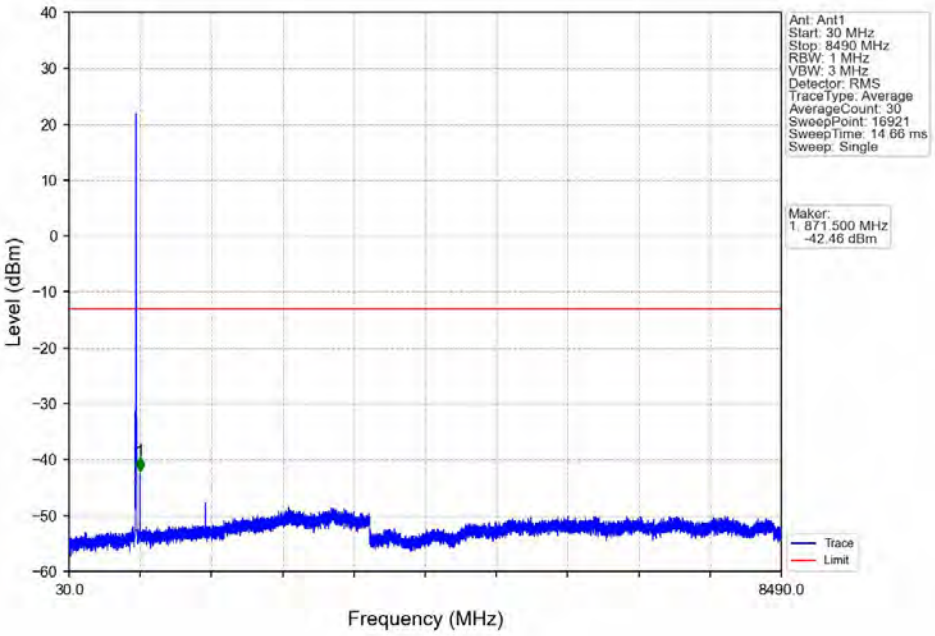
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



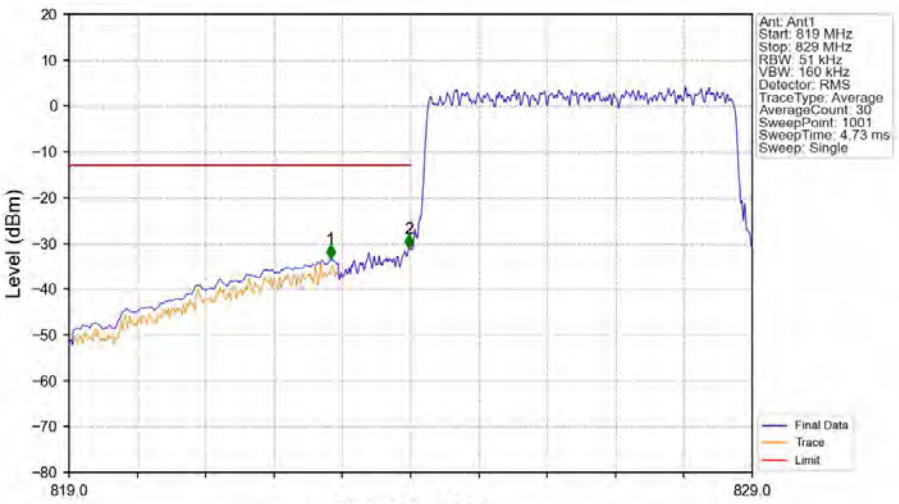
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

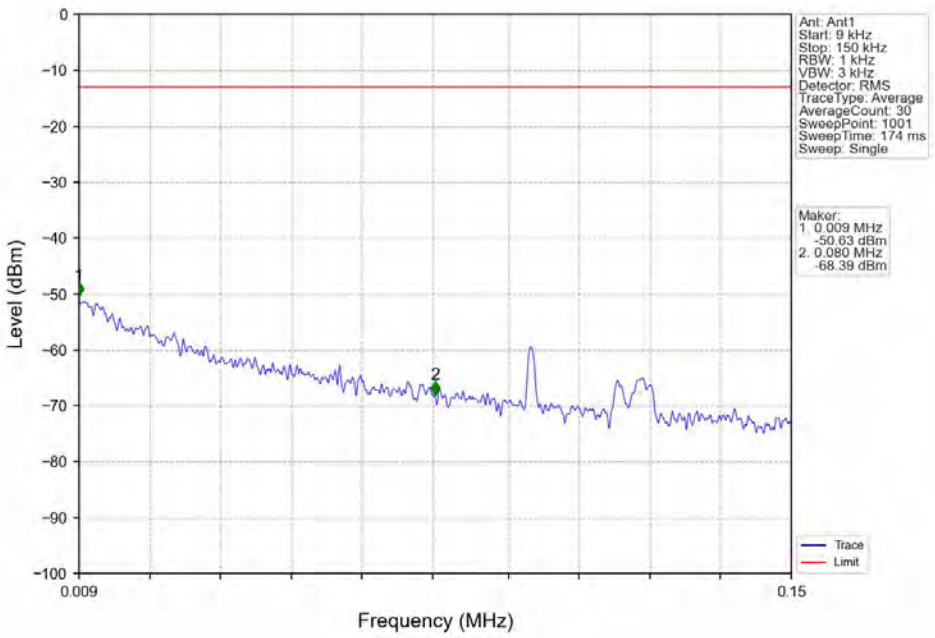


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

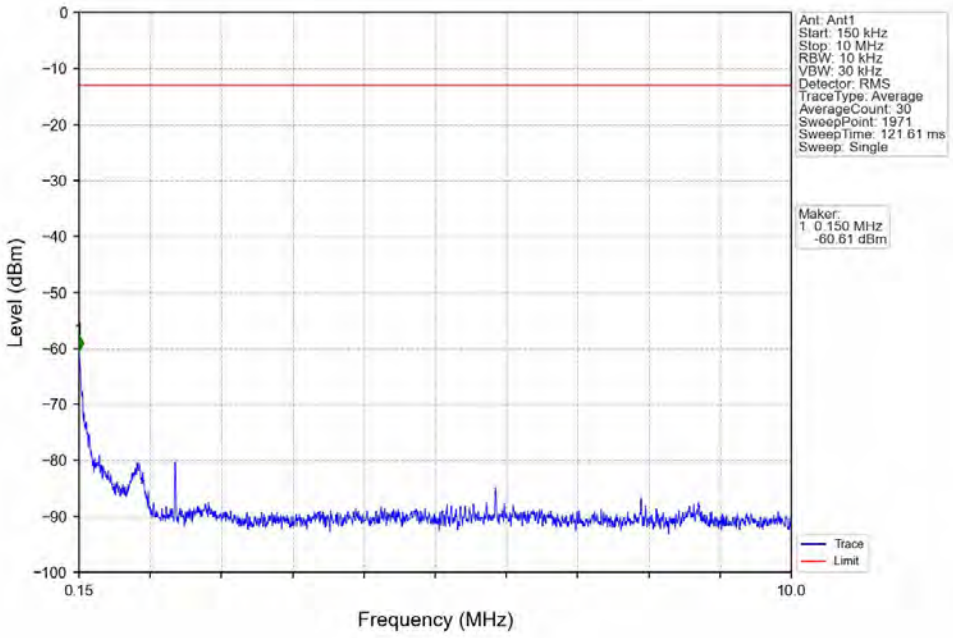


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.830	-33.50	-13	Pass
823	824	0.051	/	2	823.980	-31.19	-13	Pass
824	829	0.051	/	/	/	/	/	/

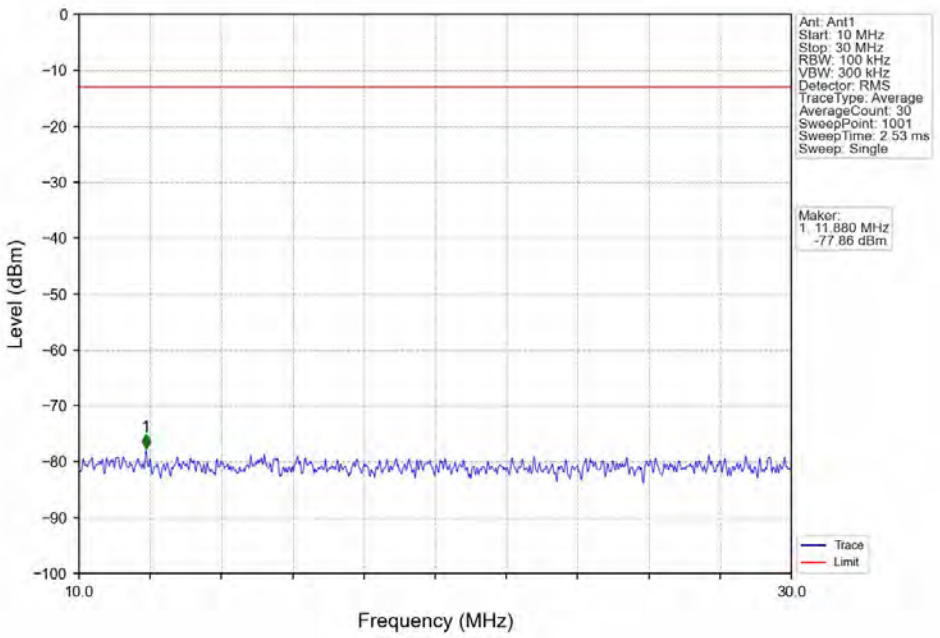
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



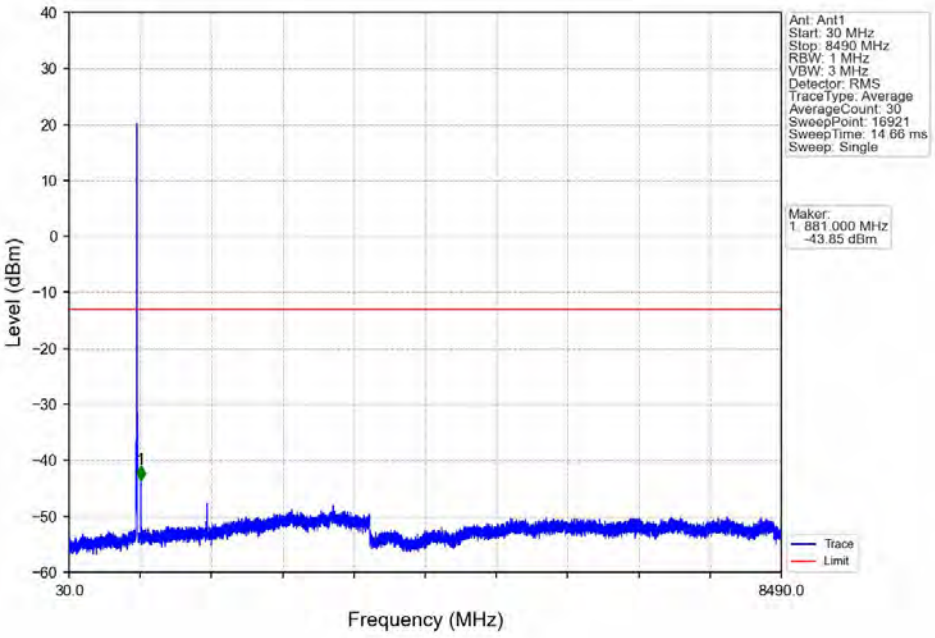
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



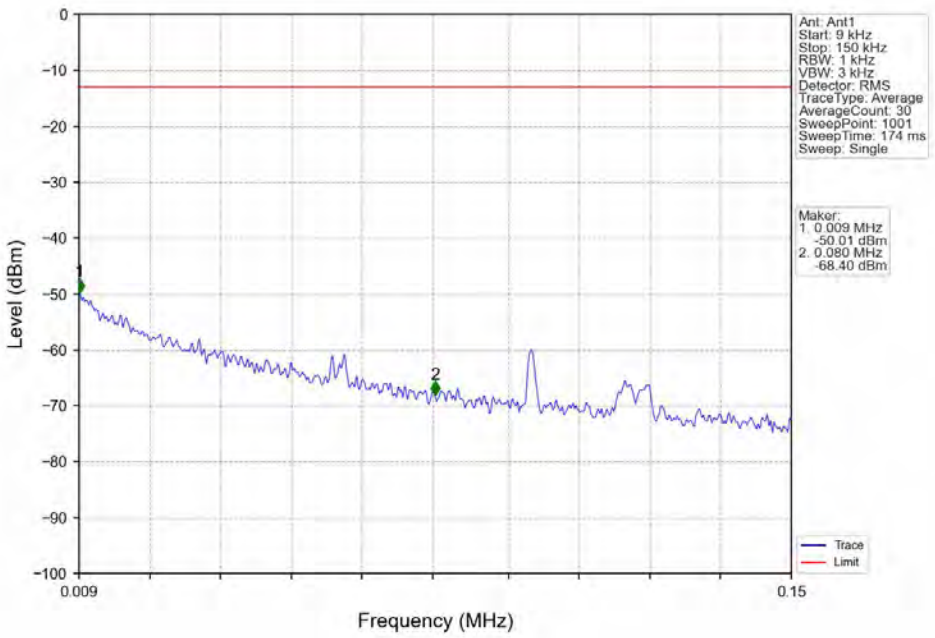
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



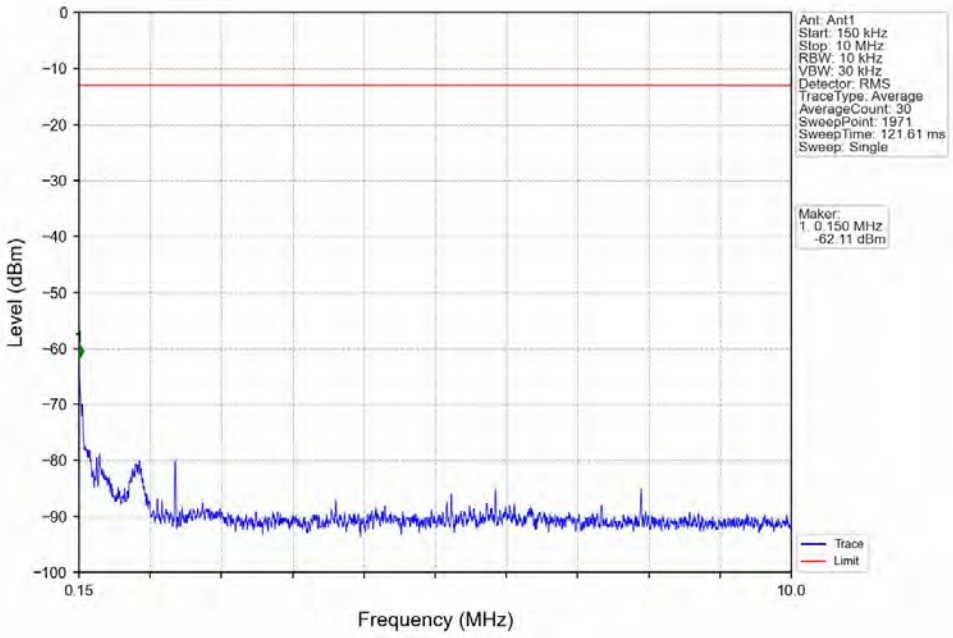
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



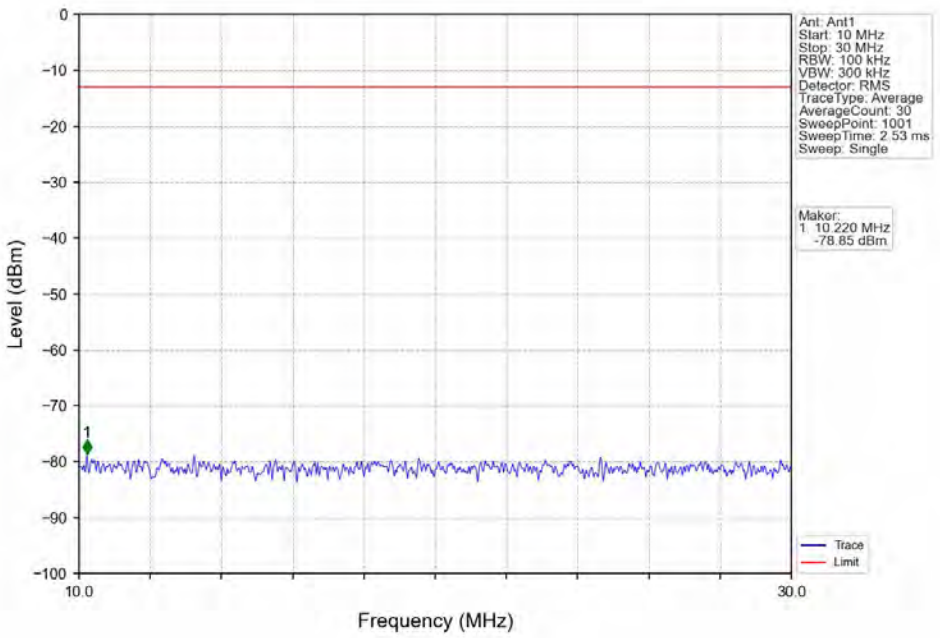
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



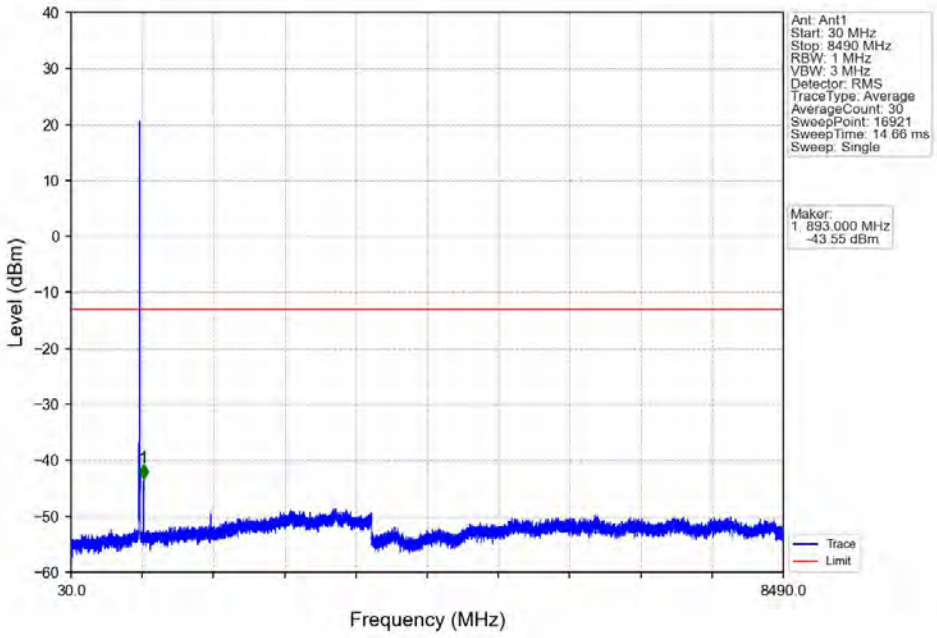
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



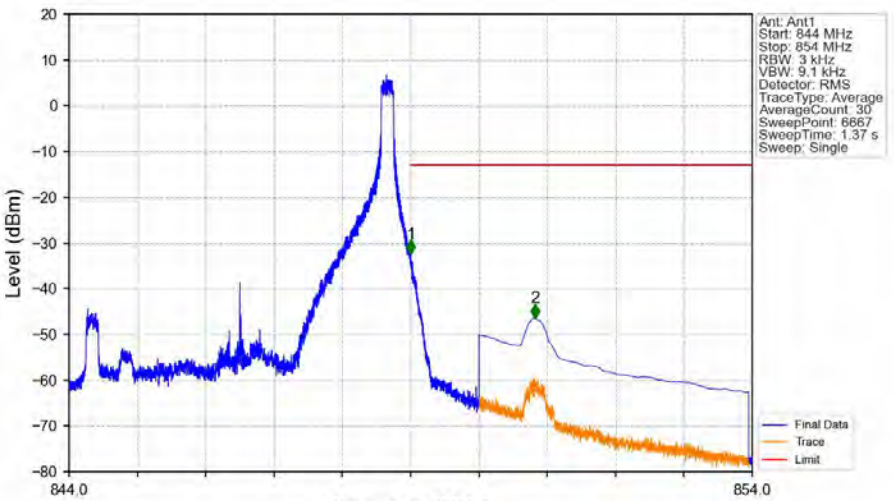
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

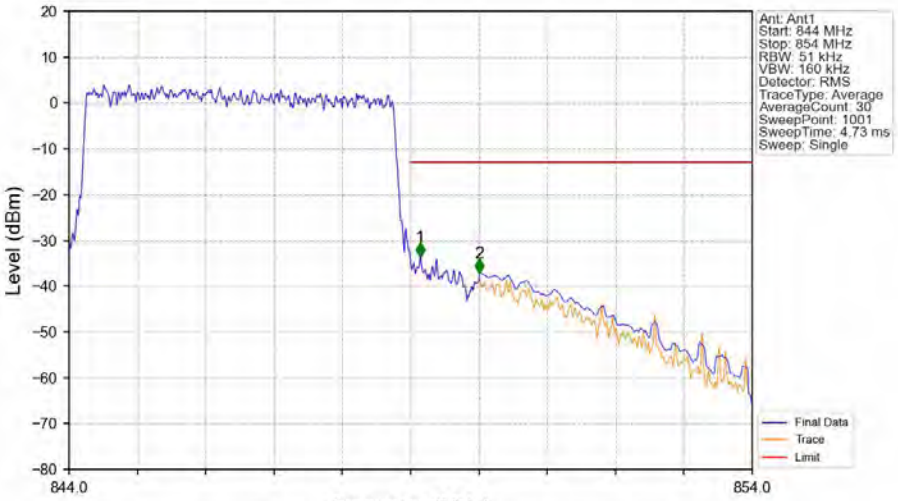


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-32.43	-13	Pass
850	854	0.1	CHP	2	850.817	-46.41	-13	Pass

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.140	-33.65	-13	Pass
850	854	0.1	CHP	2	850.010	-37.12	-13	Pass

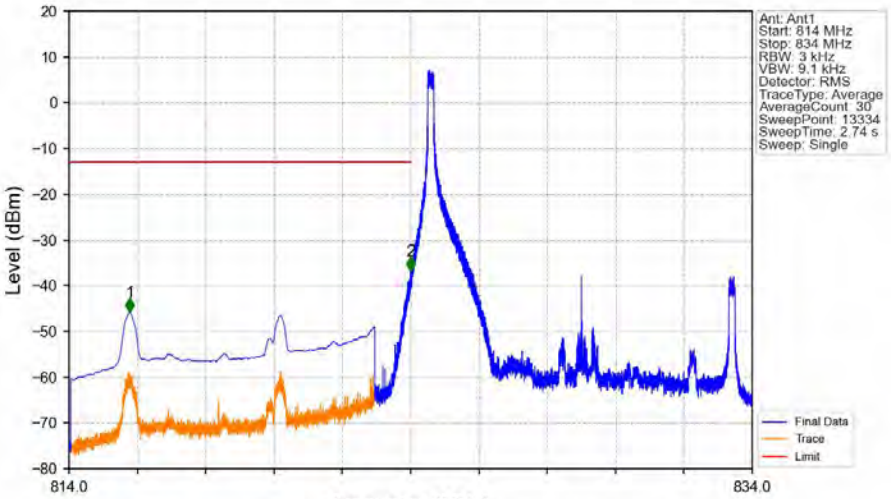
6.4 B5_10MHz

6.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

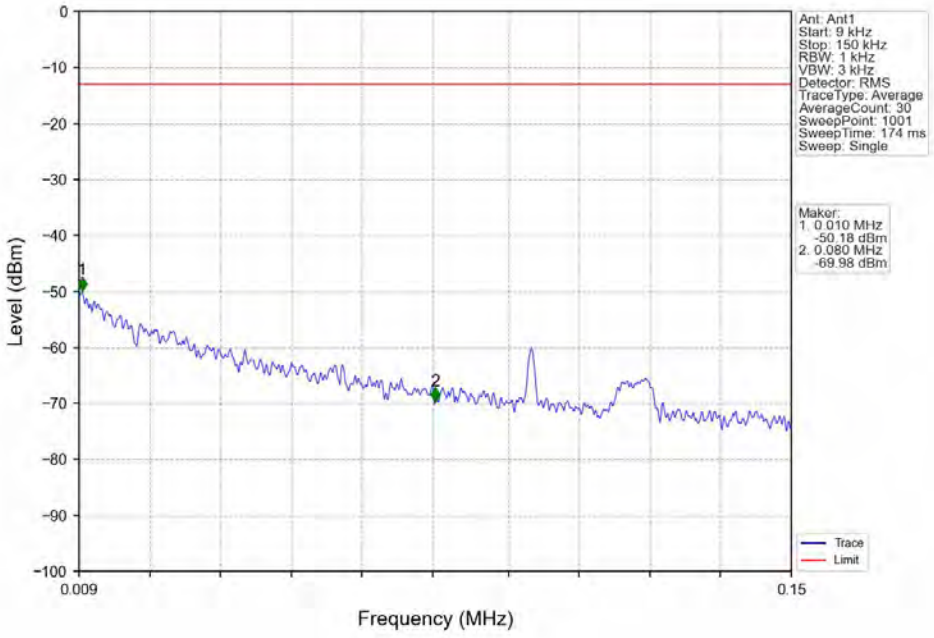
6.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

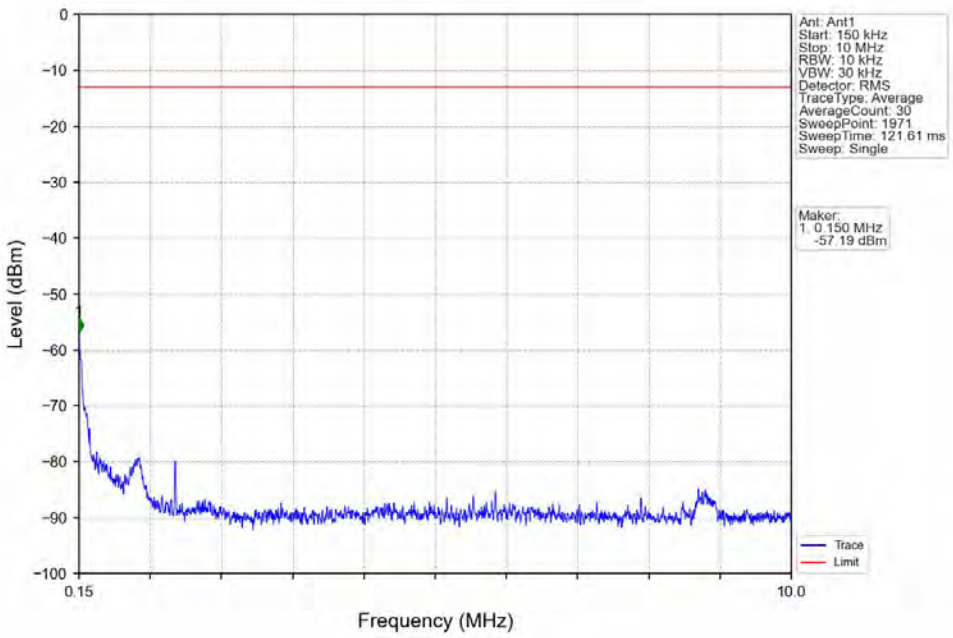


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	815.778	-45.81	-13	Pass
823	824	0.003	/	2	823.999	-36.75	-13	Pass
824	834	0.003	/	/	/	/	/	/

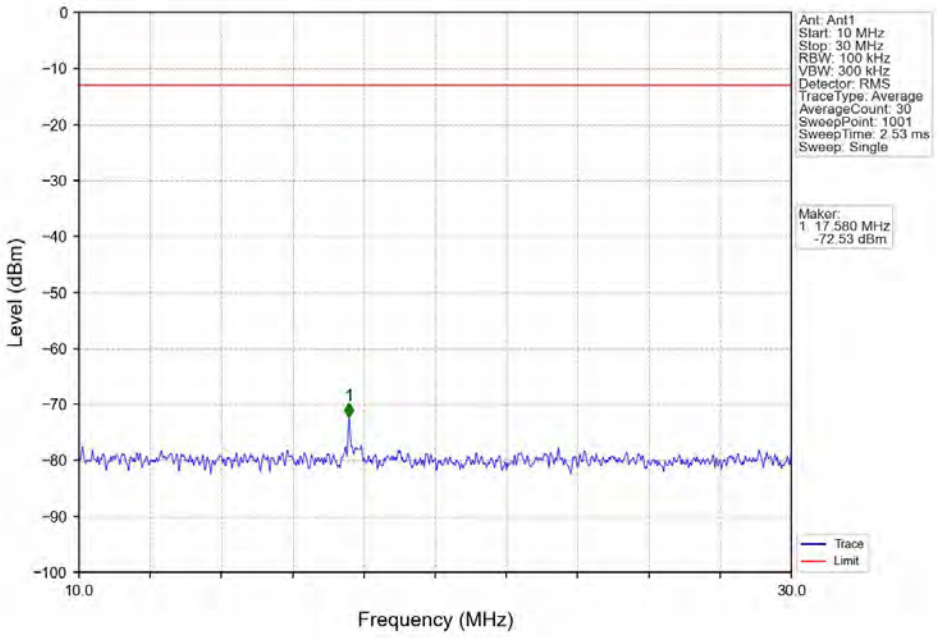
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



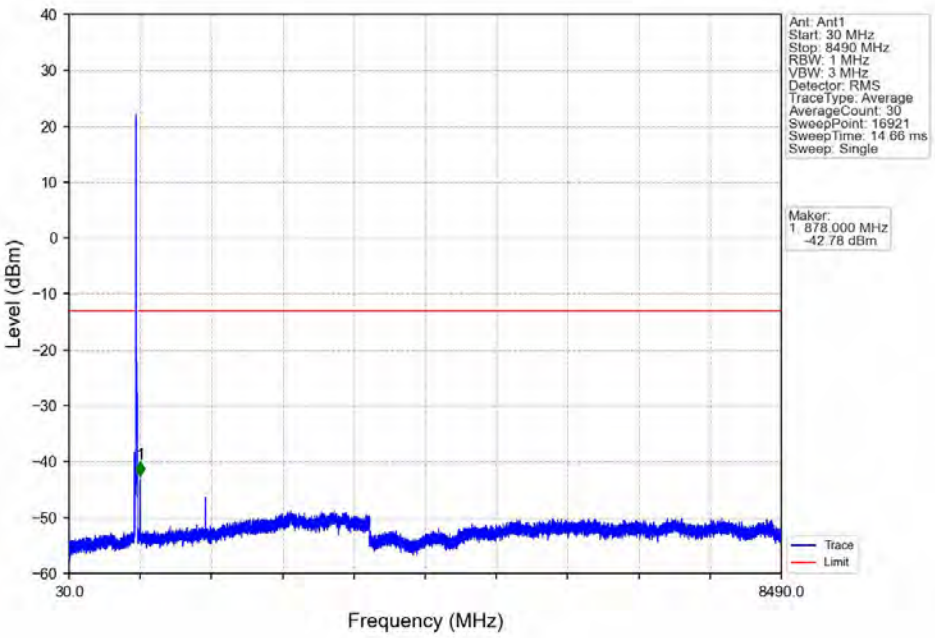
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



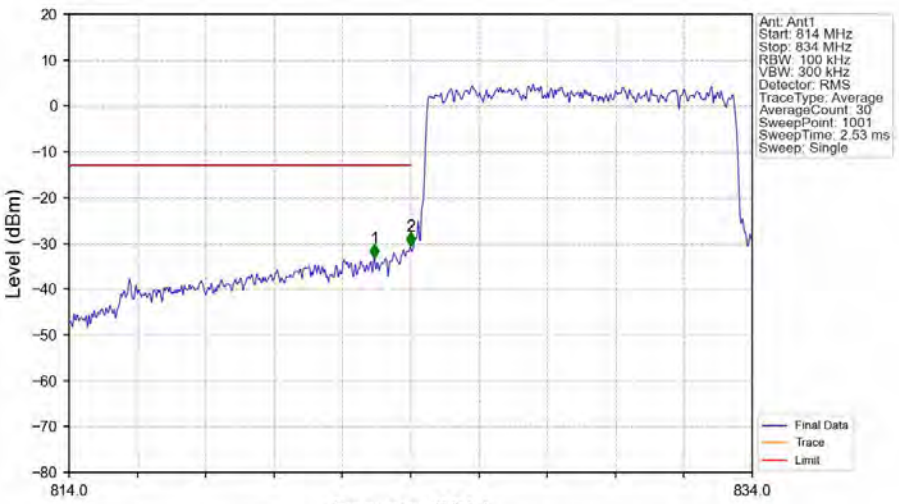
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

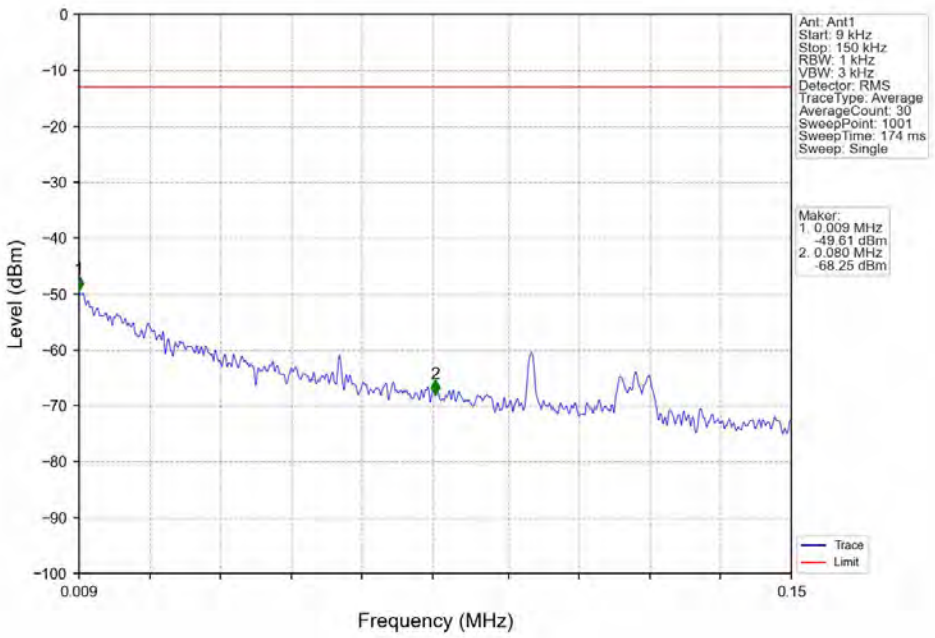


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

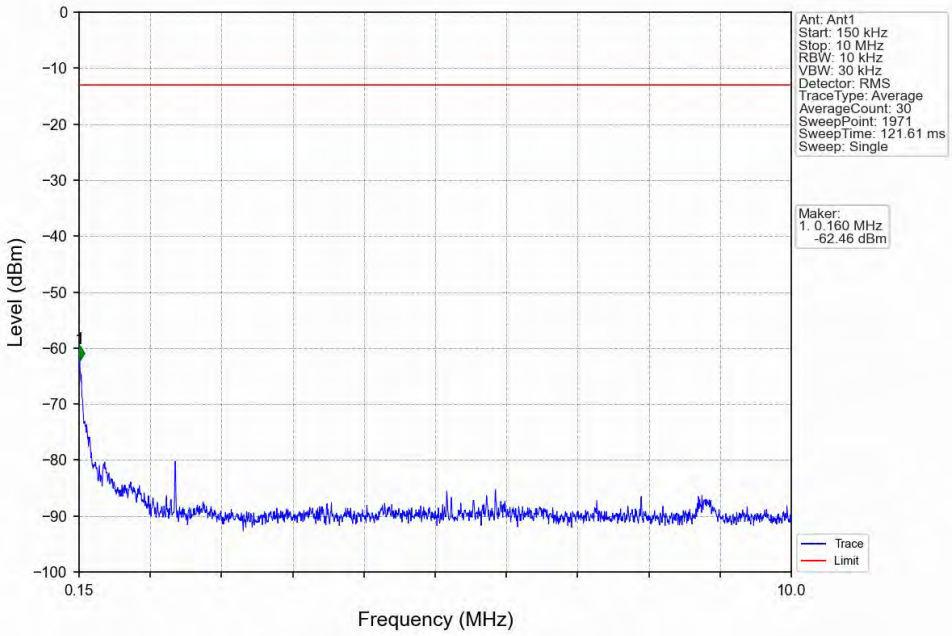


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.940	-33.29	-13	Pass
823	824	0.101	/	2	824.000	-30.69	-13	Pass
824	834	0.101	/	/	/	/	/	/

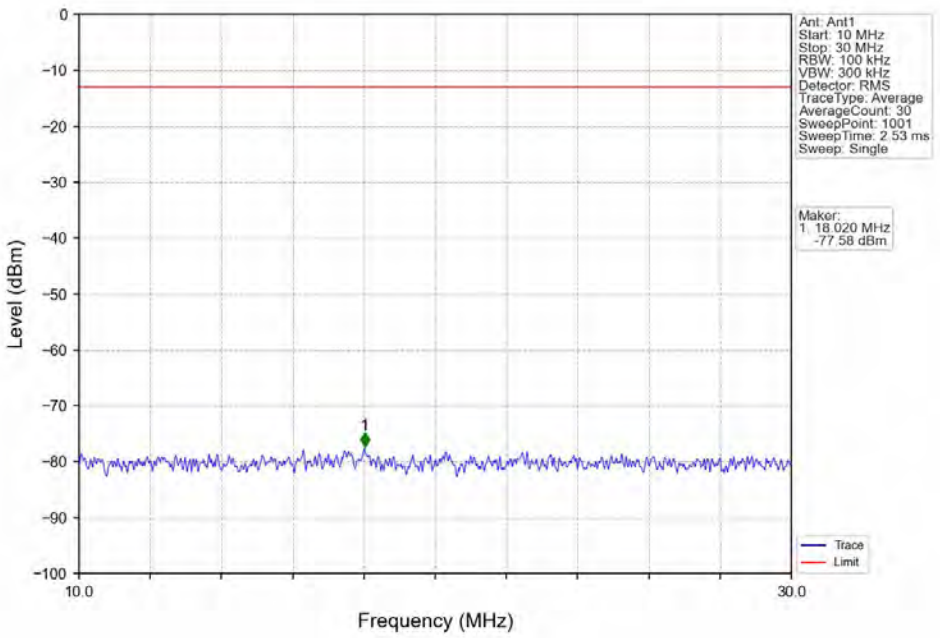
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



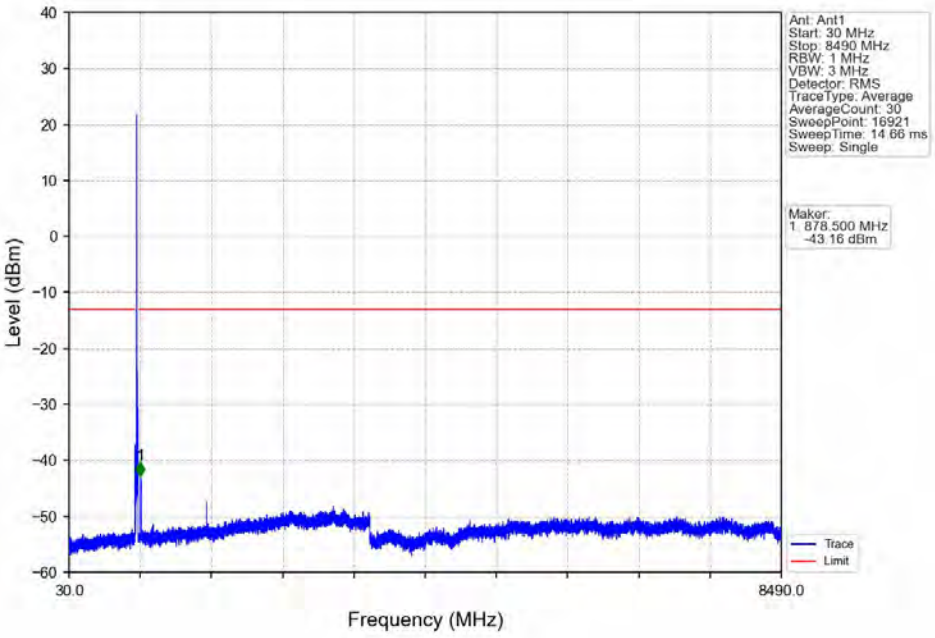
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



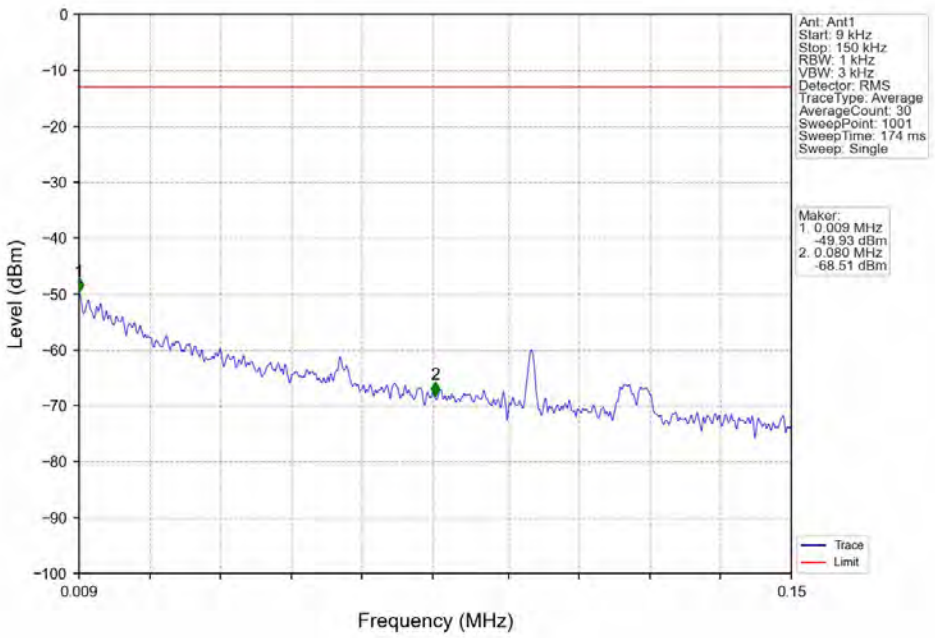
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



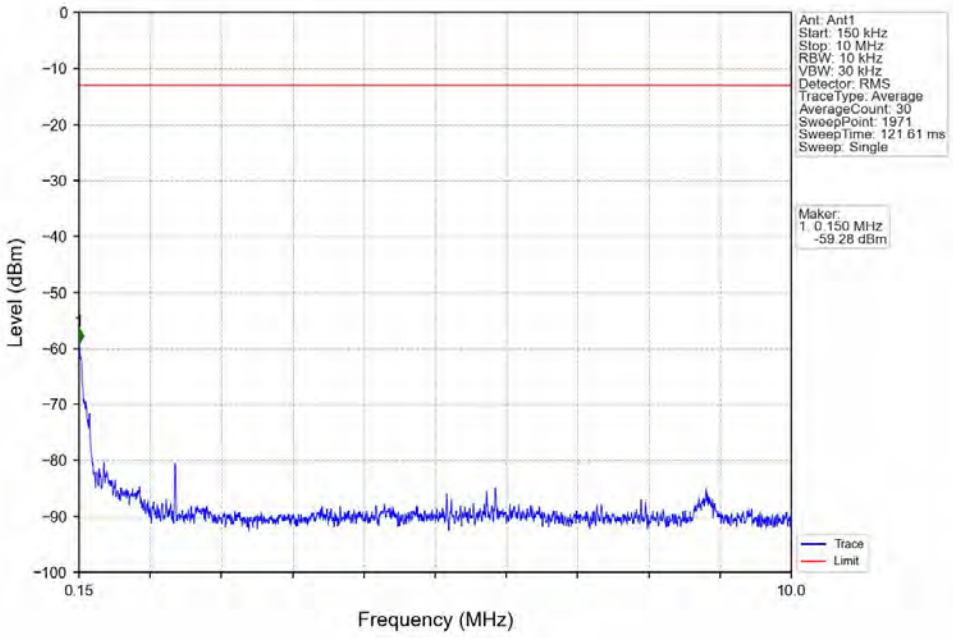
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



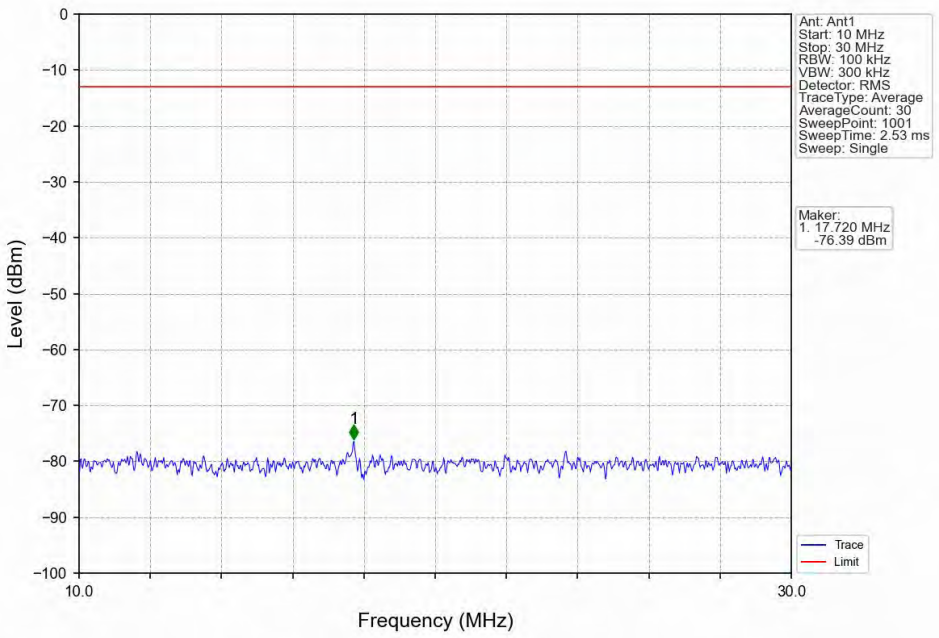
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



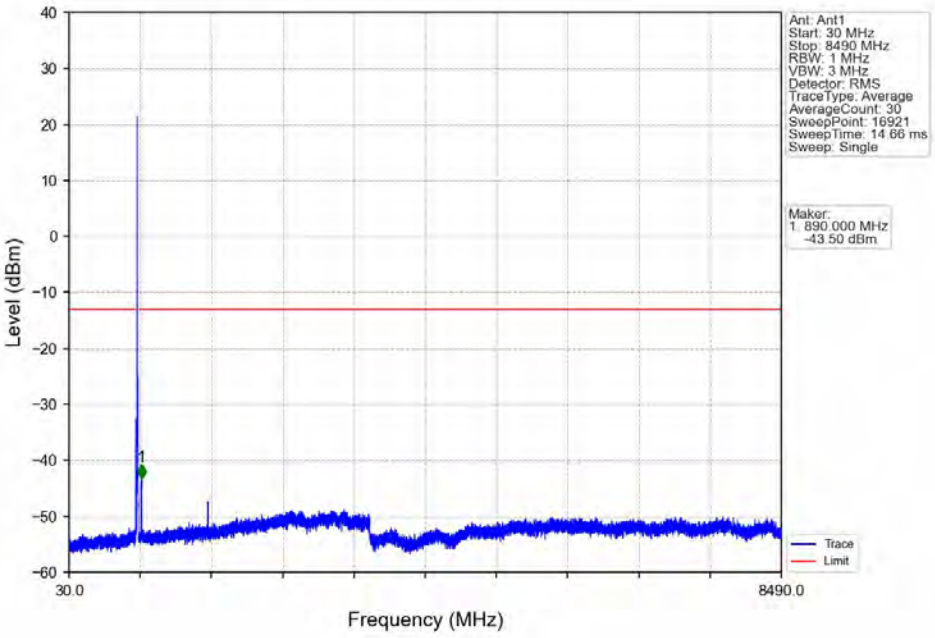
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



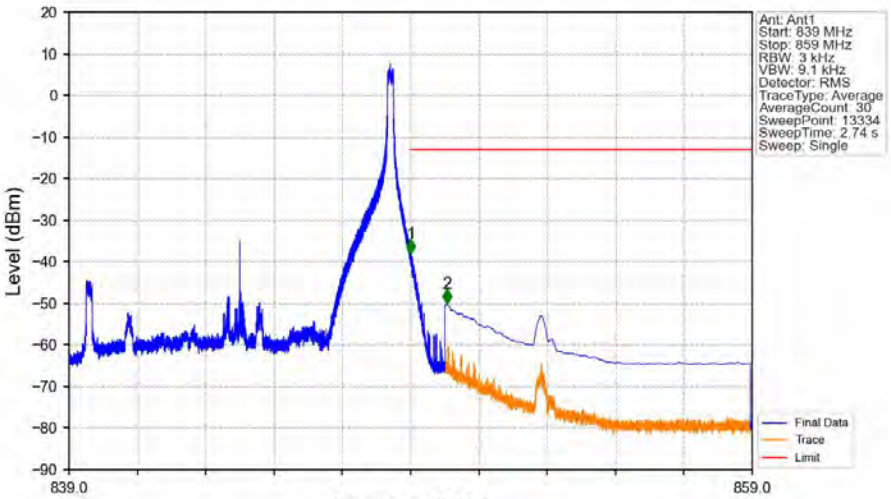
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

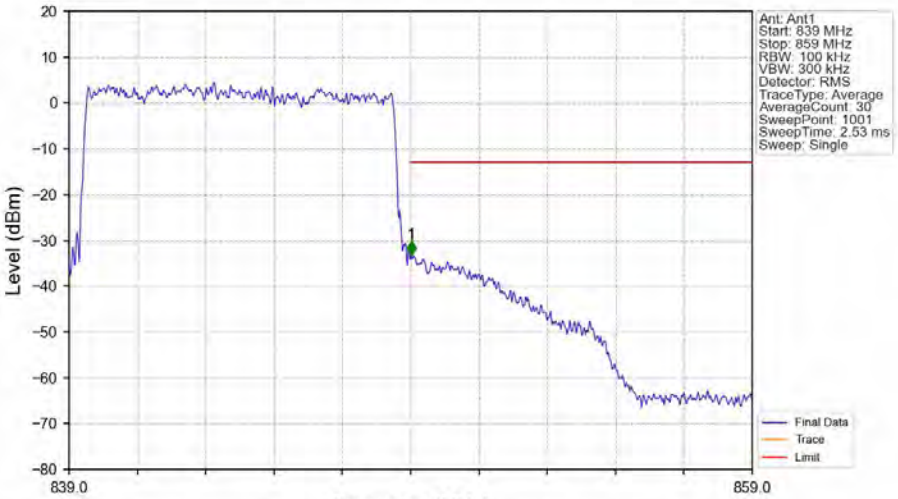


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



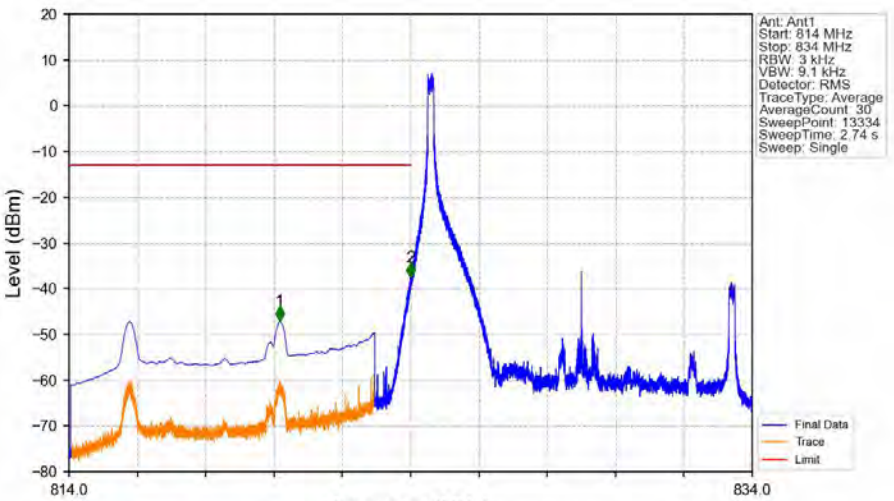
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-38.01	-13	Pass
850	859	0.1	CHP	2	850.073	-50.12	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



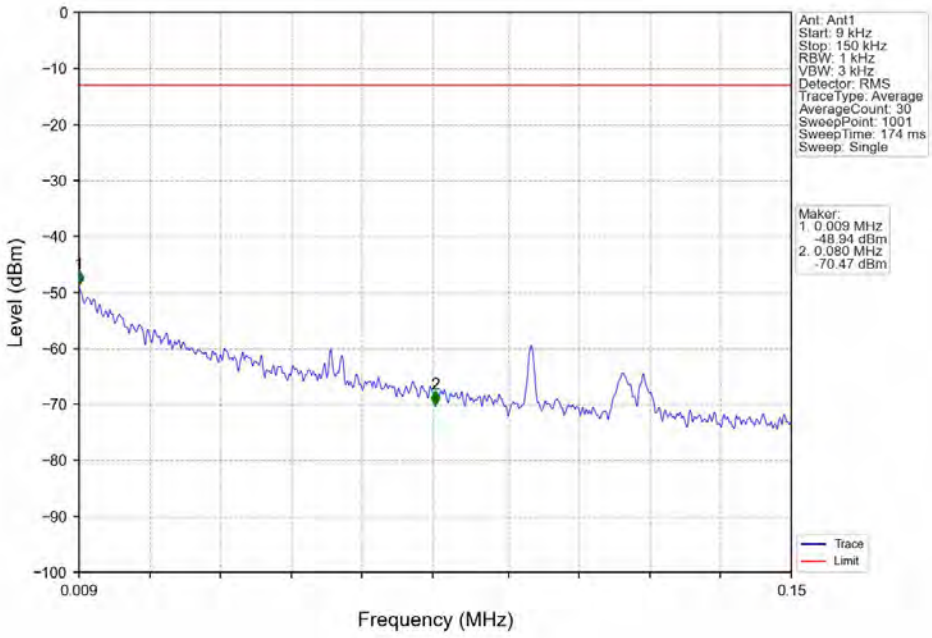
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.020	-33.17	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

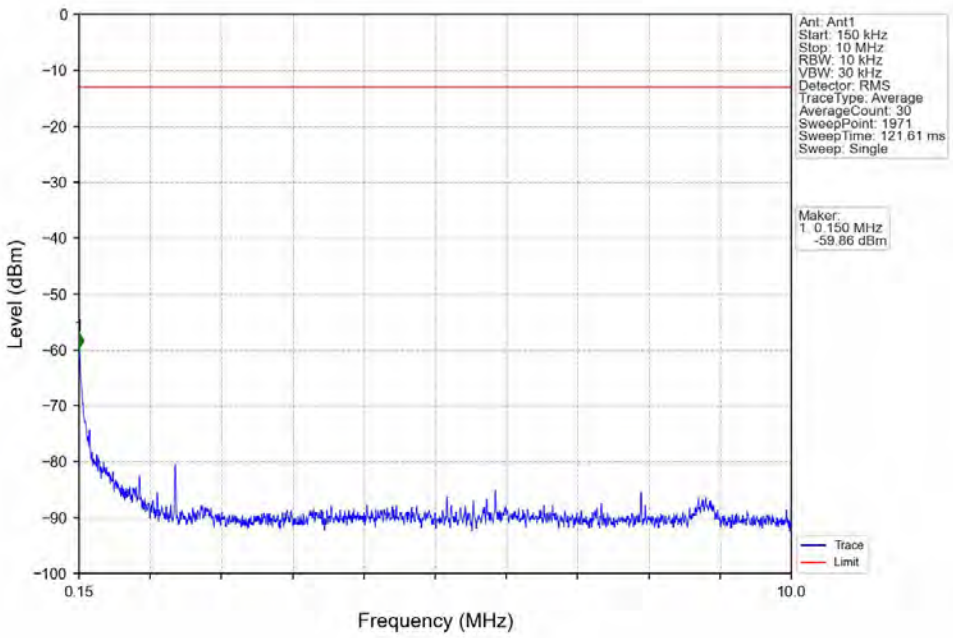


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.162	-47.10	-13	Pass
823	824	0.003	/	2	823.999	-37.47	-13	Pass
824	834	0.003	/	/	/	/	/	/

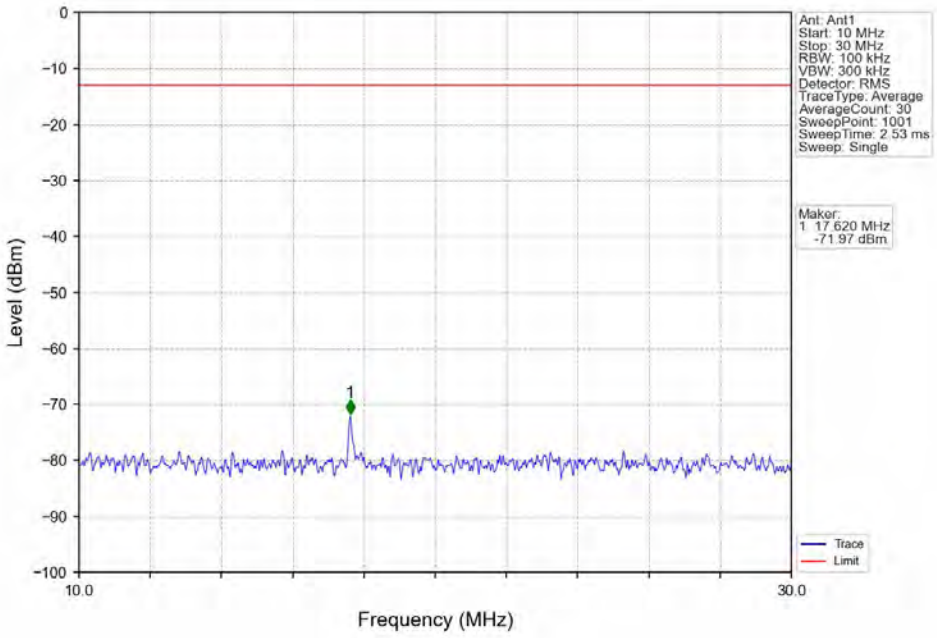
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



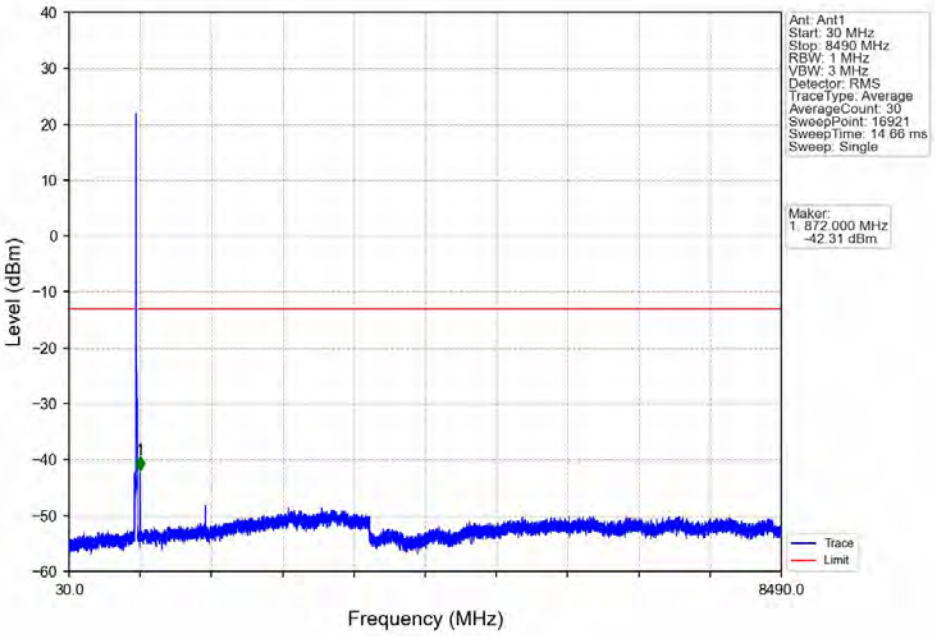
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



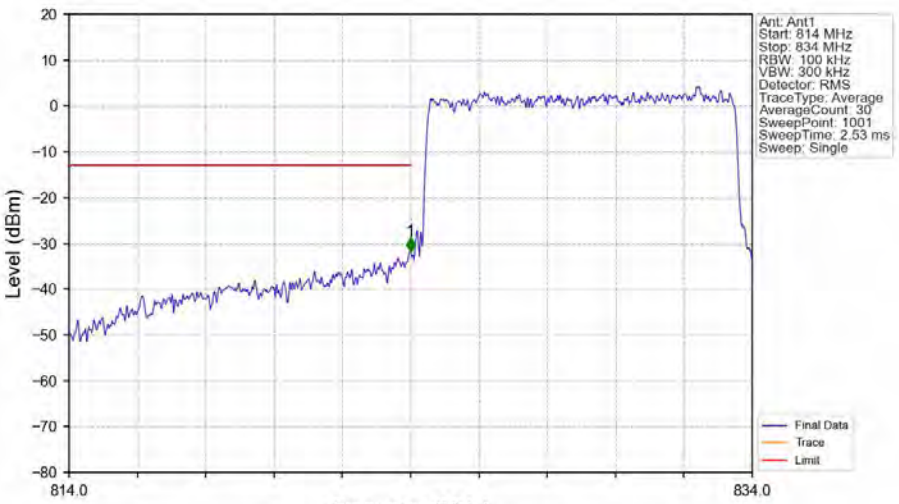
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

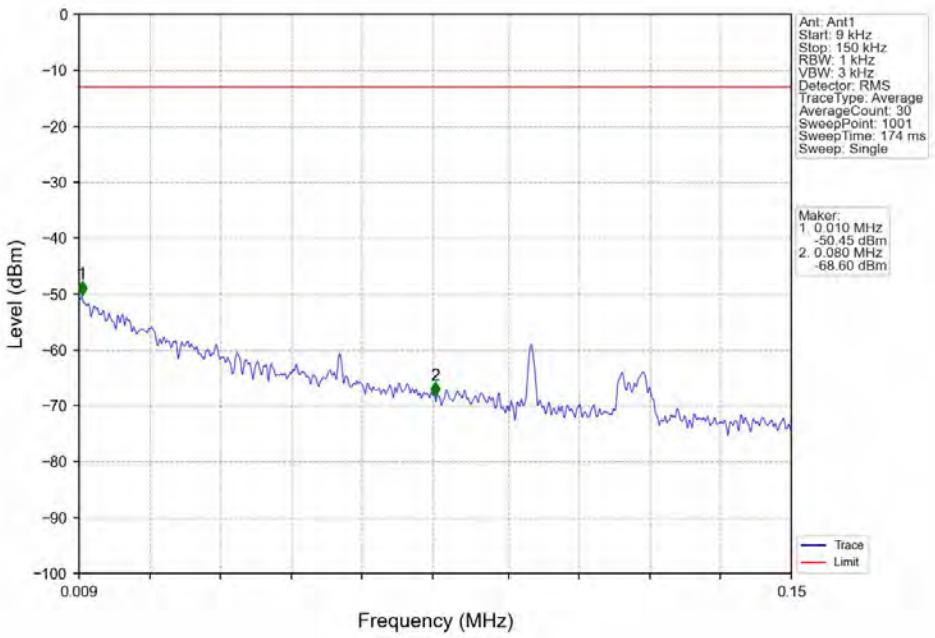


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

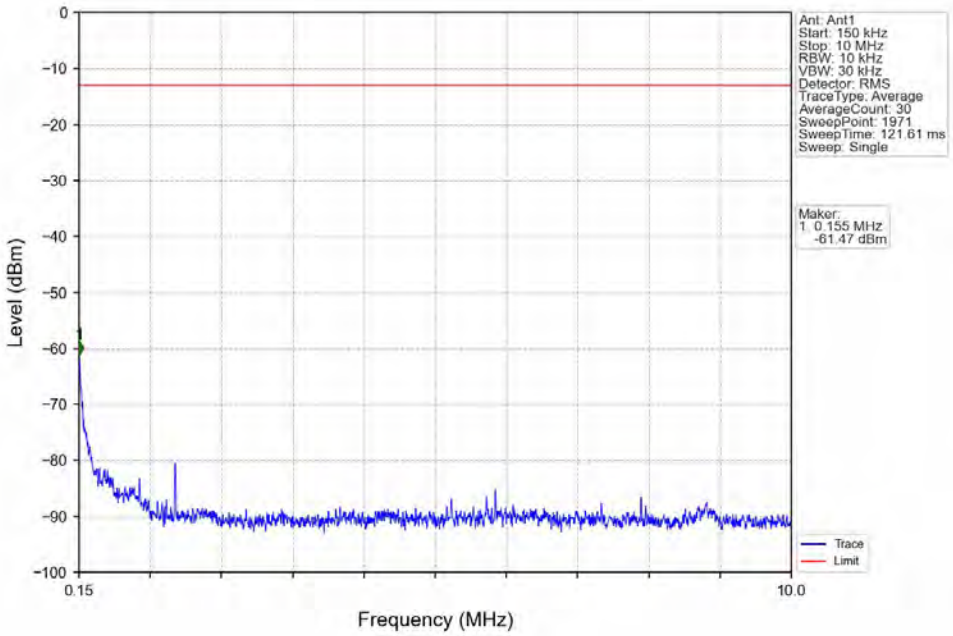


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-31.78	-13	Pass
824	834	0.1	/	/	/	/	/	/

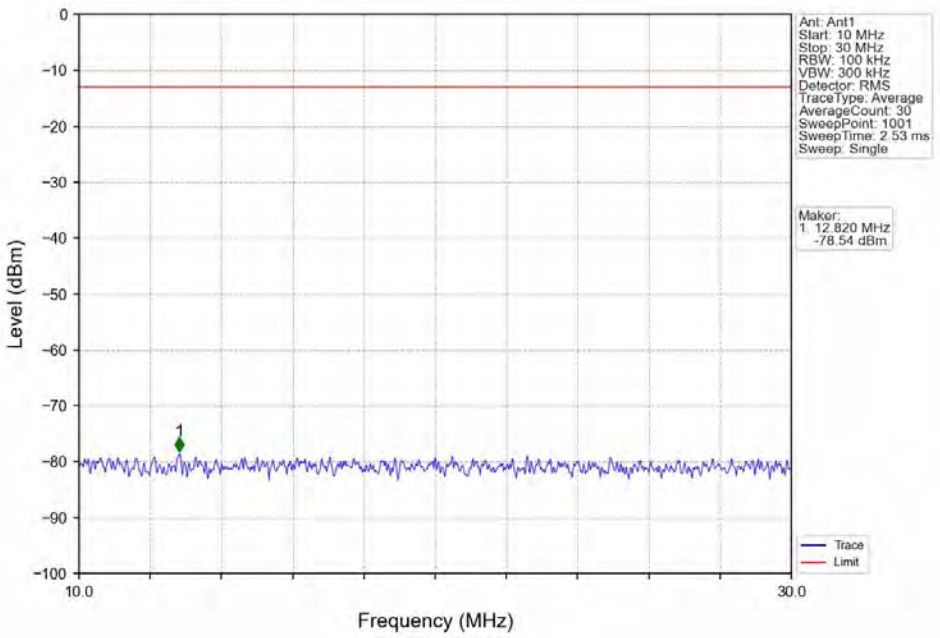
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



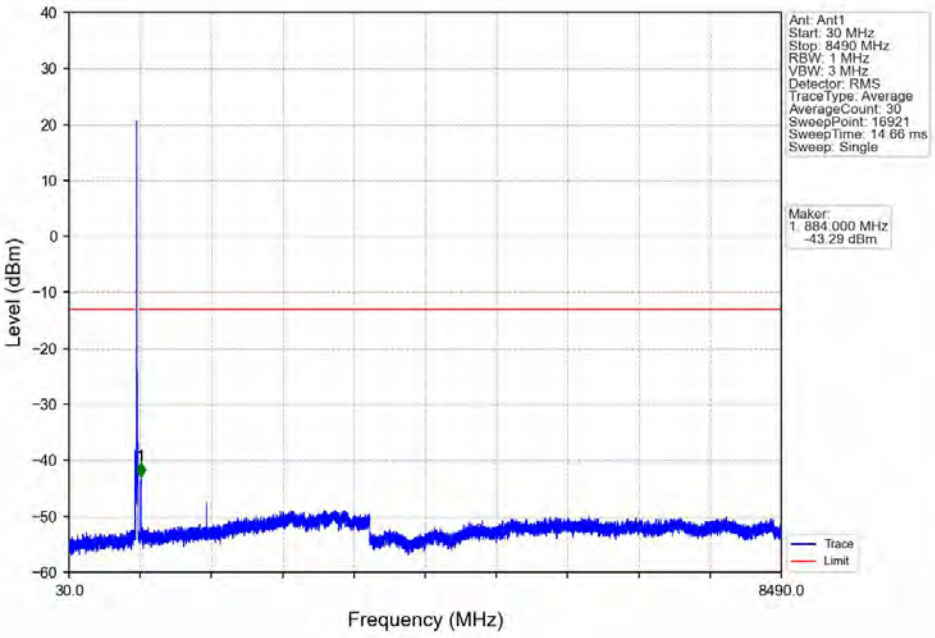
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



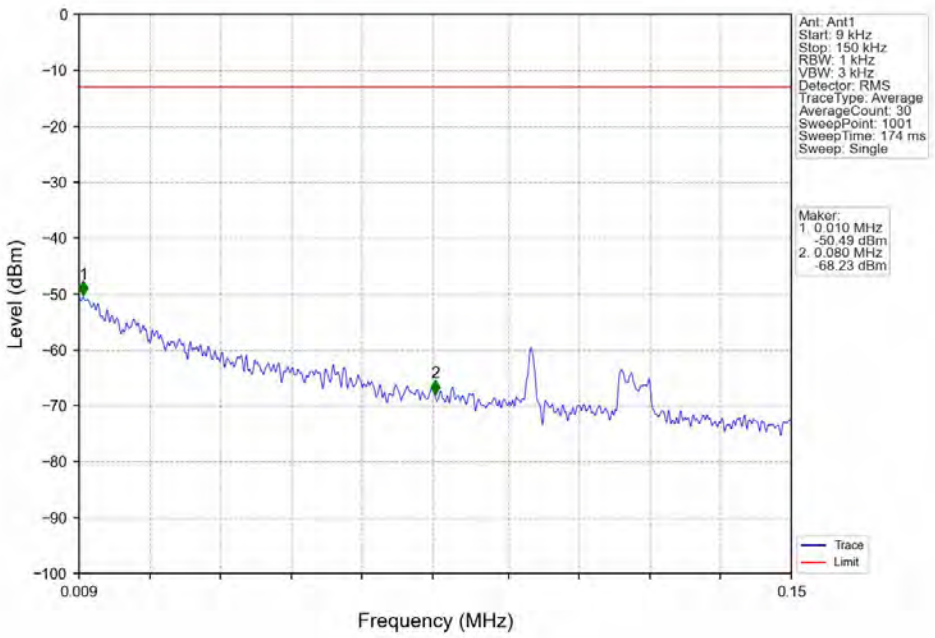
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



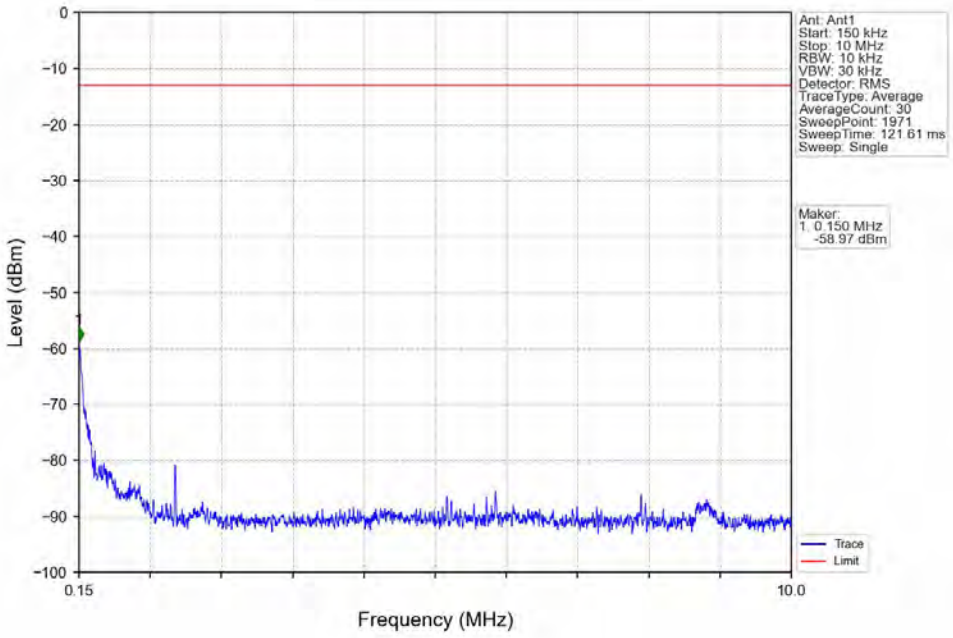
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



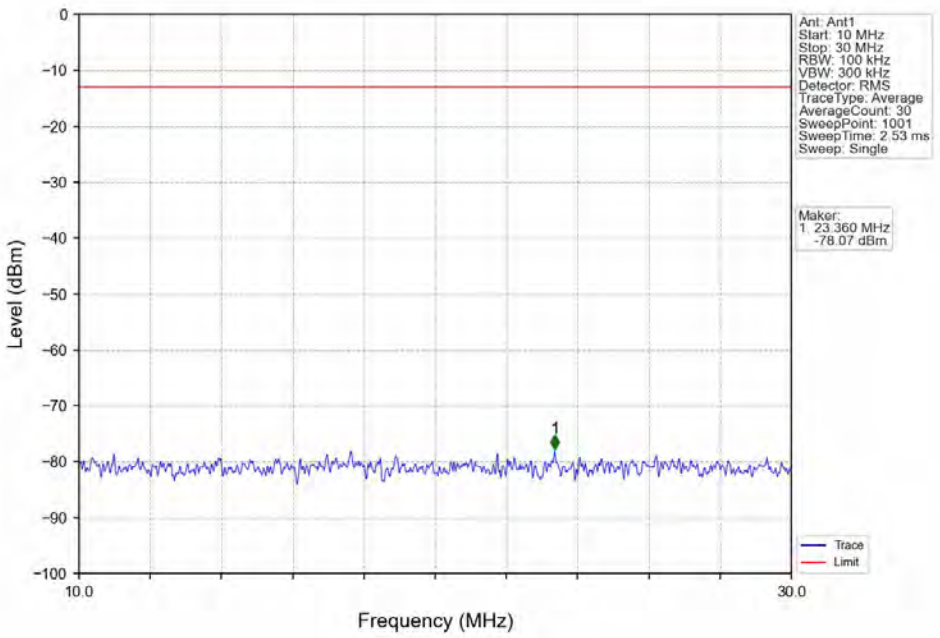
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



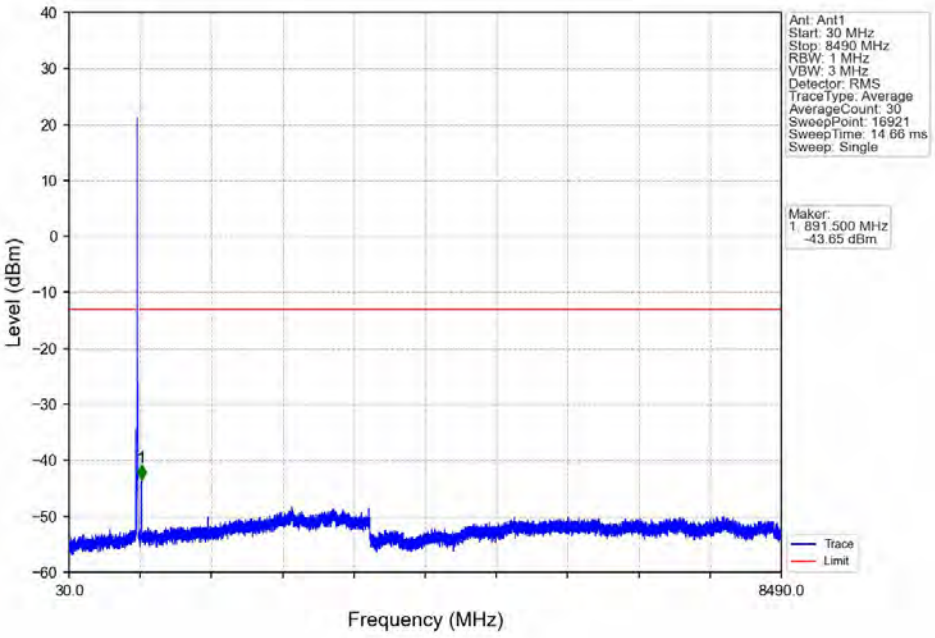
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



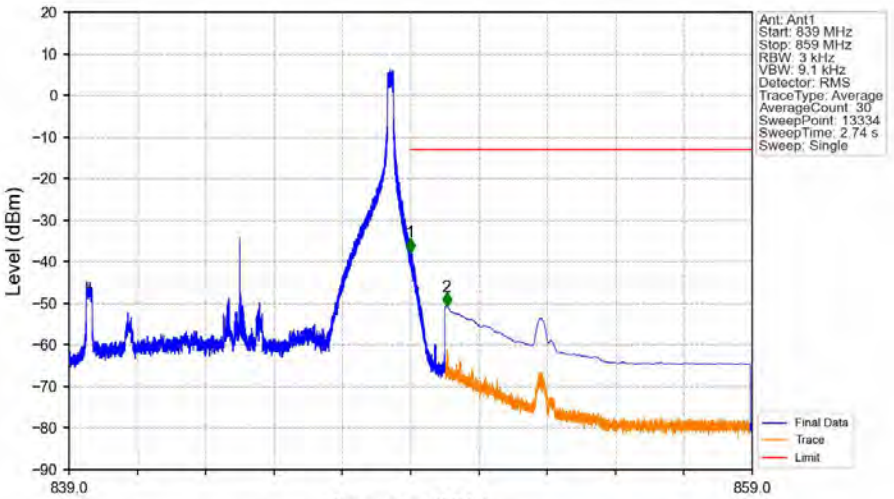
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

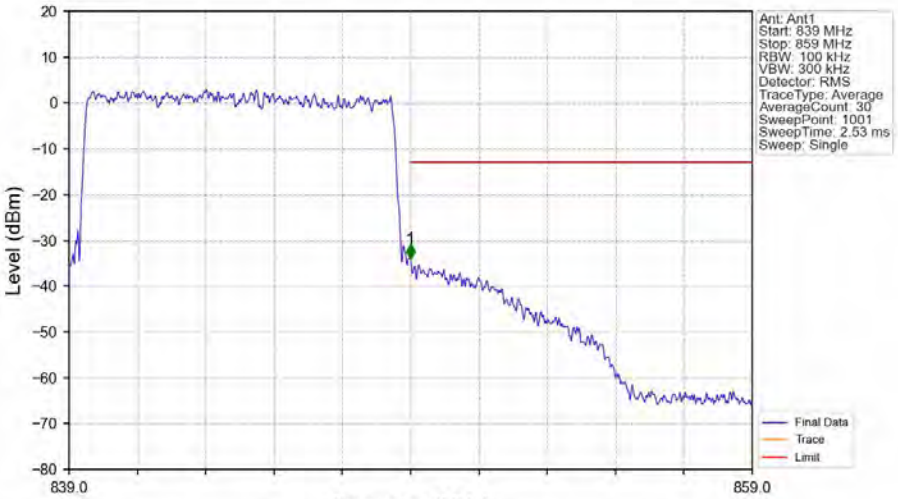


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-37.71	-13	Pass
850	859	0.1	CHP	2	850.052	-50.76	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-33.99	-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	0.1941	0.0157	ppm	1M12G7D	22H	22.88
5	1.4	824.7	848.3	0.1581	0.0122	ppm	1M11W7D	22H	21.99
5	3	825.5	847.5	0.1972	0.0148	ppm	2M73G7D	22H	22.95
5	3	825.5	847.5	0.1746	0.0144	ppm	2M74W7D	22H	22.42
5	5	826.5	846.5	0.1905	0.0134	ppm	4M55G7D	22H	22.80
5	5	826.5	846.5	0.1589	0.0129	ppm	4M55W7D	22H	22.01
5	10	829	844	0.1959	0.0126	ppm	9M08G7D	22H	22.92
5	10	829	844	0.1687	0.0155	ppm	9M10W7D	22H	22.27

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	0.1183	0.0157	ppm	1M12G7D	22H	20.73
5	1.4	824.7	848.3	0.0964	0.0122	ppm	1M11W7D	22H	19.84
5	3	825.5	847.5	0.1202	0.0148	ppm	2M73G7D	22H	20.80
5	3	825.5	847.5	0.1064	0.0144	ppm	2M74W7D	22H	20.27
5	5	826.5	846.5	0.1161	0.0134	ppm	4M55G7D	22H	20.65
5	5	826.5	846.5	0.0968	0.0129	ppm	4M55W7D	22H	19.86
5	10	829	844	0.1194	0.0126	ppm	9M08G7D	22H	20.77
5	10	829	844	0.1028	0.0155	ppm	9M10W7D	22H	20.12