1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.70	2.66	24.21	<=38.45	Pass
			2	23.77	2.66	24.28	<=38.45	Pass
			5	23.31	2.66	23.82	<=38.45	Pass
		3	0	23.14	2.66	23.65	<=38.45	Pass
			2	23.18	2.66	23.69	<=38.45	Pass
			3	23.15	2.66	23.66	<=38.45	Pass
		6	0	22.22	2.66	22.73	<=38.45	Pass
	836.5	1	0	23.12	2.66	23.63	<=38.45	Pass
			2	23.21	2.66	23.72	<=38.45	Pass
			5	23.13	2.66	23.64	<=38.45	Pass
		3	0	23.14	2.66	23.65	<=38.45	Pass
			2	23.18	2.66	23.69	<=38.45	Pass
			3	23.12	2.66	23.63	<=38.45	Pass
		6	0	22.21	2.66	22.72	<=38.45	Pass
	848.3	1	0	23.15	2.66	23.66	<=38.45	Pass
			2	23.24	2.66	23.75	<=38.45	Pass
			5	23.15	2.66	23.66	<=38.45	Pass
		3	0	23.19	2.66	23.70	<=38.45	Pass
			2	23.24	2.66	23.75	<=38.45	Pass
			3	23.20	2.66	23.71	<=38.45	Pass
		6	0	22.27	2.66	22.78	<=38.45	Pass
16QAM	824.7	1	0	22.07	2.66	22.58	<=38.45	Pass
			2	22.20	2.66	22.71	<=38.45	Pass
			5	22.13	2.66	22.64	<=38.45	Pass
		3	0	22.14	2.66	22.65	<=38.45	Pass
			2	22.17	2.66	22.68	<=38.45	Pass
			3	22.10	2.66	22.61	<=38.45	Pass
		6	0	21.08	2.66	21.59	<=38.45	Pass
	836.5	1	0	22.21	2.66	22.72	<=38.45	Pass
			2	22.35	2.66	22.86	<=38.45	Pass
			5	22.21	2.66	22.72	<=38.45	Pass
		3	0	22.09	2.66	22.60	<=38.45	Pass
			2	22.14	2.66	22.65	<=38.45	Pass
			3	22.10	2.66	22.61	<=38.45	Pass
		6	0	21.16	2.66	21.67	<=38.45	Pass
	848.3	1	0	22.09	2.66	22.60	<=38.45	Pass
			2	22.16	2.66	22.67	<=38.45	Pass
			5	22.11	2.66	22.62	<=38.45	Pass
		3	0	22.30	2.66	22.81	<=38.45	Pass
			2	22.38	2.66	22.89	<=38.45	Pass
			3	22.33	2.66	22.84	<=38.45	Pass
		6	0	21.20	2.66	21.71	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.33	2.66	23.84	<=38.45	Pass
			7	23.44	2.66	23.95	<=38.45	Pass
			14	23.33	2.66	23.84	<=38.45	Pass
		8	0	22.24	2.66	22.75	<=38.45	Pass
			4	22.32	2.66	22.83	<=38.45	Pass
			7	22.26	2.66	22.77	<=38.45	Pass
		15	0	22.18	2.66	22.69	<=38.45	Pass
	836.5	1	0	23.26	2.66	23.77	<=38.45	Pass
			7	23.38	2.66	23.89	<=38.45	Pass
			14	23.21	2.66	23.72	<=38.45	Pass
		8	0	22.23	2.66	22.74	<=38.45	Pass
			4	22.28	2.66	22.79	<=38.45	Pass
			7	22.22	2.66	22.73	<=38.45	Pass
		15	0	22.19	2.66	22.70	<=38.45	Pass
	847.5	1	0	23.25	2.66	23.76	<=38.45	Pass
			7	23.40	2.66	23.91	<=38.45	Pass
			14	23.28	2.66	23.79	<=38.45	Pass
		8	0	22.25	2.66	22.76	<=38.45	Pass
			4	22.31	2.66	22.82	<=38.45	Pass
			7	22.25	2.66	22.76	<=38.45	Pass
		15	0	22.24	2.66	22.75	<=38.45	Pass
16QAM	825.5	1	0	22.22	2.66	22.73	<=38.45	Pass
			7	22.36	2.66	22.87	<=38.45	Pass
			14	22.19	2.66	22.70	<=38.45	Pass
		8	0	21.18	2.66	21.69	<=38.45	Pass
			4	21.27	2.66	21.78	<=38.45	Pass
			7	21.20	2.66	21.71	<=38.45	Pass
		15	0	21.14	2.66	21.65	<=38.45	Pass
	836.5	1	0	22.36	2.66	22.87	<=38.45	Pass
			7	22.46	2.66	22.97	<=38.45	Pass
			14	22.34	2.66	22.85	<=38.45	Pass
		8	0	21.14	2.66	21.65	<=38.45	Pass
			4	21.19	2.66	21.70	<=38.45	Pass
			7	21.16	2.66	21.67	<=38.45	Pass
		15	0	21.10	2.66	21.61	<=38.45	Pass
	847.5	1	0	22.68	2.66	23.19	<=38.45	Pass
			7	22.82	2.66	23.33	<=38.45	Pass
			14	22.70	2.66	23.21	<=38.45	Pass
		8	0	21.34	2.66	21.85	<=38.45	Pass
			4	21.39	2.66	21.90	<=38.45	Pass
			7	21.33	2.66	21.84	<=38.45	Pass
		15	0	21.26	2.66	21.77	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.08	2.66	23.59	<=38.45	Pass
			13	23.20	2.66	23.71	<=38.45	Pass
			24	23.10	2.66	23.61	<=38.45	Pass
		12	0	22.06	2.66	22.57	<=38.45	Pass
			6	22.12	2.66	22.63	<=38.45	Pass
			13	21.99	2.66	22.50	<=38.45	Pass
		25	0	22.05	2.66	22.56	<=38.45	Pass
	836.5	1	0	23.06	2.66	23.57	<=38.45	Pass
			13	23.17	2.66	23.68	<=38.45	Pass
			24	23.06	2.66	23.57	<=38.45	Pass
		12	0	22.09	2.66	22.60	<=38.45	Pass
			6	22.11	2.66	22.62	<=38.45	Pass
			13	22.06	2.66	22.57	<=38.45	Pass
		25	0	22.10	2.66	22.61	<=38.45	Pass
	846.5	1	0	23.04	2.66	23.55	<=38.45	Pass
			13	23.19	2.66	23.70	<=38.45	Pass
			24	23.15	2.66	23.66	<=38.45	Pass
		12	0	22.27	2.66	22.78	<=38.45	Pass
			6	22.17	2.66	22.68	<=38.45	Pass
			13	22.09	2.66	22.60	<=38.45	Pass
		25	0	22.16	2.66	22.67	<=38.45	Pass
16QAM	826.5	1	0	22.08	2.66	22.59	<=38.45	Pass
			13	22.17	2.66	22.68	<=38.45	Pass
			24	22.09	2.66	22.60	<=38.45	Pass
		12	0	21.00	2.66	21.51	<=38.45	Pass
			6	21.07	2.66	21.58	<=38.45	Pass
			13	20.92	2.66	21.43	<=38.45	Pass
		25	0	20.98	2.66	21.49	<=38.45	Pass
	836.5	1	0	22.22	2.66	22.73	<=38.45	Pass
			13	22.34	2.66	22.85	<=38.45	Pass
			24	22.25	2.66	22.76	<=38.45	Pass
		12	0	21.08	2.66	21.59	<=38.45	Pass
			6	21.13	2.66	21.64	<=38.45	Pass
			13	21.06	2.66	21.57	<=38.45	Pass
		25	0	21.04	2.66	21.55	<=38.45	Pass
	846.5	1	0	21.84	2.66	22.35	<=38.45	Pass
			13	22.00	2.66	22.51	<=38.45	Pass
			24	21.96	2.66	22.47	<=38.45	Pass
		12	0	21.20	2.66	21.71	<=38.45	Pass
			6	21.12	2.66	21.63	<=38.45	Pass
			13	21.02	2.66	21.53	<=38.45	Pass
		25	0	21.12	2.66	21.63	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.17	2.66	23.68	<=38.45	Pass
			25	23.30	2.66	23.81	<=38.45	Pass
			49	23.12	2.66	23.63	<=38.45	Pass
		25	0	22.22	2.66	22.73	<=38.45	Pass
			13	22.14	2.66	22.65	<=38.45	Pass
			25	21.95	2.66	22.46	<=38.45	Pass
		50	0	22.09	2.66	22.60	<=38.45	Pass
	836.5	1	0	23.08	2.66	23.59	<=38.45	Pass
			25	23.31	2.66	23.82	<=38.45	Pass
			49	23.08	2.66	23.59	<=38.45	Pass
		25	0	22.25	2.66	22.76	<=38.45	Pass
			13	22.19	2.66	22.70	<=38.45	Pass
			25	22.20	2.66	22.71	<=38.45	Pass
		50	0	22.21	2.66	22.72	<=38.45	Pass
	844	1	0	23.05	2.66	23.56	<=38.45	Pass
			25	23.30	2.66	23.81	<=38.45	Pass
			49	23.17	2.66	23.68	<=38.45	Pass
		25	0	22.14	2.66	22.65	<=38.45	Pass
			13	22.17	2.66	22.68	<=38.45	Pass
			25	21.97	2.66	22.48	<=38.45	Pass
		50	0	22.07	2.66	22.58	<=38.45	Pass
16QAM	829	1	0	22.04	2.66	22.55	<=38.45	Pass
			25	22.27	2.66	22.78	<=38.45	Pass
			49	22.02	2.66	22.53	<=38.45	Pass
		25	0	21.21	2.66	21.72	<=38.45	Pass
			13	21.12	2.66	21.63	<=38.45	Pass
			25	20.96	2.66	21.47	<=38.45	Pass
		50	0	21.03	2.66	21.54	<=38.45	Pass
	836.5	1	0	22.14	2.66	22.65	<=38.45	Pass
			25	22.42	2.66	22.93	<=38.45	Pass
			49	22.16	2.66	22.67	<=38.45	Pass
		25	0	21.17	2.66	21.68	<=38.45	Pass
			13	21.14	2.66	21.65	<=38.45	Pass
			25	21.14	2.66	21.65	<=38.45	Pass
		50	0	21.14	2.66	21.65	<=38.45	Pass
	844	1	0	22.49	2.66	23.00	<=38.45	Pass
			25	22.68	2.66	23.19	<=38.45	Pass
			49	22.59	2.66	23.10	<=38.45	Pass
		25	0	21.14	2.66	21.65	<=38.45	Pass
			13	21.13	2.66	21.64	<=38.45	Pass
			25	20.93	2.66	21.44	<=38.45	Pass
		50	0	21.02	2.66	21.53	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-9.871	-0.0120	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0091	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-7.310	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-8.812	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-5.980	-0.0073	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-1.588	-0.0019	-2.5 to 2.5	Pass
					3.85	-11.287	-0.0135	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-5.007	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-6.723	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-4.220	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-6.866	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-8.712	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-10.643	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-19.941	-0.0235	-2.5 to 2.5	Pass
					3.85	-11.458	-0.0135	-2.5 to 2.5	Pass
					4.43	-8.454	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-8.626	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-8.311	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-5.965	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-10.171	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-6.809	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-8.912	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-10.972	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-6.938	-0.0082	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-4.563	-0.0055	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0084	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-16.208	-0.0197	-2.5 to 2.5	Pass
				0	3.85	-9.856	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-5.708	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-6.309	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0033	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-8.111	-0.0097	-2.5 to 2.5	Pass
					3.85	-2.847	-0.0034	-2.5 to 2.5	Pass

					4.43	-12.603	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-9.241	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-8.926	-0.0107	-2.5 to 2.5	Pass
				40	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				50	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-8.025	-0.0095	-2.5 to 2.5	Pass
					3.85	-13.518	-0.0159	-2.5 to 2.5	Pass
					4.43	-10.858	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-11.802	-0.0139	-2.5 to 2.5	Pass
				-20	3.85	-8.526	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-10.686	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-6.852	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0081	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-7.267	-0.0088	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0044	-2.5 to 2.5	Pass
					4.43	-7.839	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-5.007	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-8.855	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-8.612	-0.0104	-2.5 to 2.5	Pass
				10	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.849	-0.0059	-2.5 to 2.5	Pass
				40	3.85	1.388	0.0017	-2.5 to 2.5	Pass
				50	3.85	-8.354	-0.0101	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-6.194	-0.0074	-2.5 to 2.5	Pass
					3.85	-9.627	-0.0115	-2.5 to 2.5	Pass
					4.43	-7.353	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.821	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-7.353	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-5.407	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-6.852	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-3.777	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-6.480	-0.0077	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-0.544	-0.0006	-2.5 to 2.5	Pass
					3.85	-10.271	-0.0121	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-9.270	-0.0109	-2.5 to 2.5	Pass

				-10	3.85	-9.885	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-7.610	-0.0090	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-8.855	-0.0107	-2.5 to 2.5	Pass
					3.85	-10.014	-0.0121	-2.5 to 2.5	Pass
					4.43	-10.142	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-4.950	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0011	-2.5 to 2.5	Pass
				0	3.85	-6.766	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-9.356	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-8.669	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-5.951	-0.0071	-2.5 to 2.5	Pass
					3.85	-7.095	-0.0085	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-7.610	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-10.142	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-7.482	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0069	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-6.380	-0.0075	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0093	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-9.542	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-7.353	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-3.920	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-14.777	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-7.696	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-8.168	-0.0096	-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	-8.111	-0.0098	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0053	-2.5 to 2.5	Pass
					4.43	-7.639	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-9.971	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-6.266	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-8.984	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-11.158	-0.0135	-2.5 to 2.5	Pass
				10	3.85	-6.866	-0.0083	-2.5 to 2.5	Pass

				30	3.85	-8.612	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-6.323	-0.0076	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0101	-2.5 to 2.5	Pass
					4.43	-8.969	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.497	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-5.836	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.180	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.579	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0028	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-8.025	-0.0095	-2.5 to 2.5	Pass
					3.85	-6.466	-0.0076	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-10.743	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-7.696	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-6.394	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-8.240	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-4.077	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-5.164	-0.0061	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-7.668	-0.0093	-2.5 to 2.5	Pass
					3.85	-11.816	-0.0143	-2.5 to 2.5	Pass
					4.43	-6.309	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-10.543	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-6.852	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-9.270	-0.0112	-2.5 to 2.5	Pass
				10	3.85	-8.526	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-10.486	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-10.643	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-6.766	-0.0082	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-3.018	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-3.848	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-10.085	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-6.495	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-7.253	-0.0087	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-7.539	-0.0089	-2.5 to 2.5	Pass
					3.85	-8.655	-0.0102	-2.5 to 2.5	Pass
					4.43	-9.527	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-8.197	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-10.071	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-6.623	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-7.668	-0.0091	-2.5 to 2.5	Pass

				50	3.85	-7.310	-0.0086	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-5.465	-0.0066	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-7.524	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-9.384	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-6.409	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-8.512	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-5.965	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-6.752	-0.0081	-2.5 to 2.5	Pass
					3.85	-7.067	-0.0084	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-7.925	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-8.655	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-7.339	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-8.669	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-9.313	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-6.795	-0.0081	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-4.392	-0.0052	-2.5 to 2.5	Pass
					3.85	-6.509	-0.0077	-2.5 to 2.5	Pass
					4.43	-7.396	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-6.237	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-6.280	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-7.553	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-6.909	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-8.683	-0.0103	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-5.579	-0.0067	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0052	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-8.411	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-7.396	-0.0089	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-7.052	-0.0084	-2.5 to 2.5	Pass
					3.85	-7.782	-0.0093	-2.5 to 2.5	Pass

					4.43	-7.668	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-9.212	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-8.240	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-7.997	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-4.807	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-2.675	-0.0032	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0090	-2.5 to 2.5	Pass
					4.43	-7.610	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-8.698	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-6.309	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-10.228	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-8.569	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-8.440	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-5.565	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-7.682	-0.0091	-2.5 to 2.5	Pass

3. Modulation Characteristics

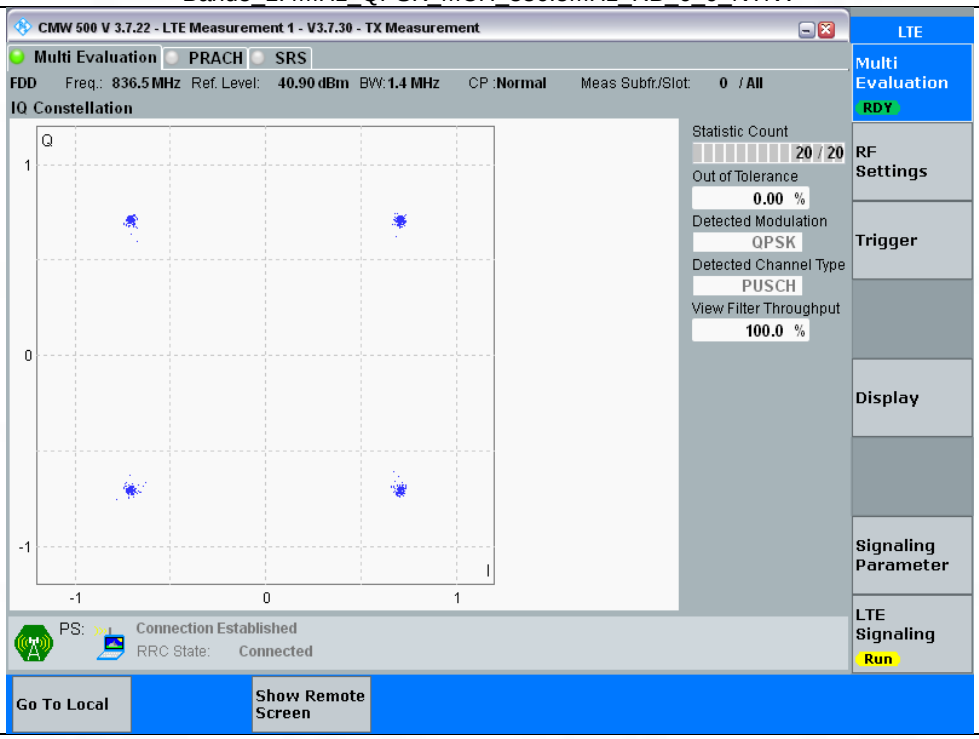
3.1 B5_1.4MHz

3.1.1 Test Result

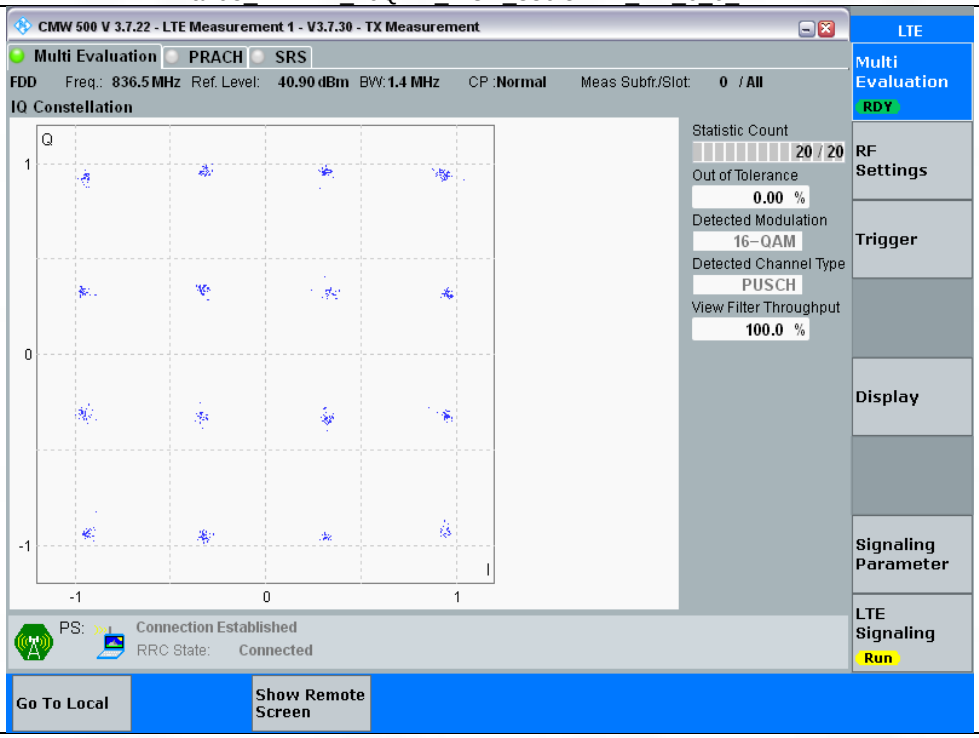
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



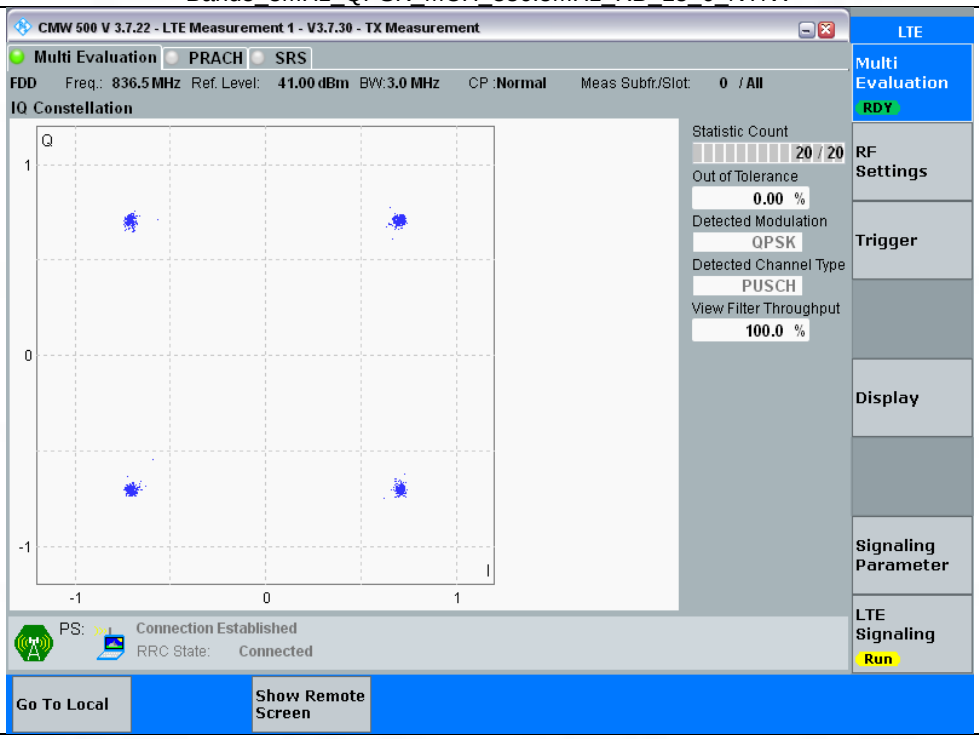
3.2 B5_3MHz

3.2.1 Test Result

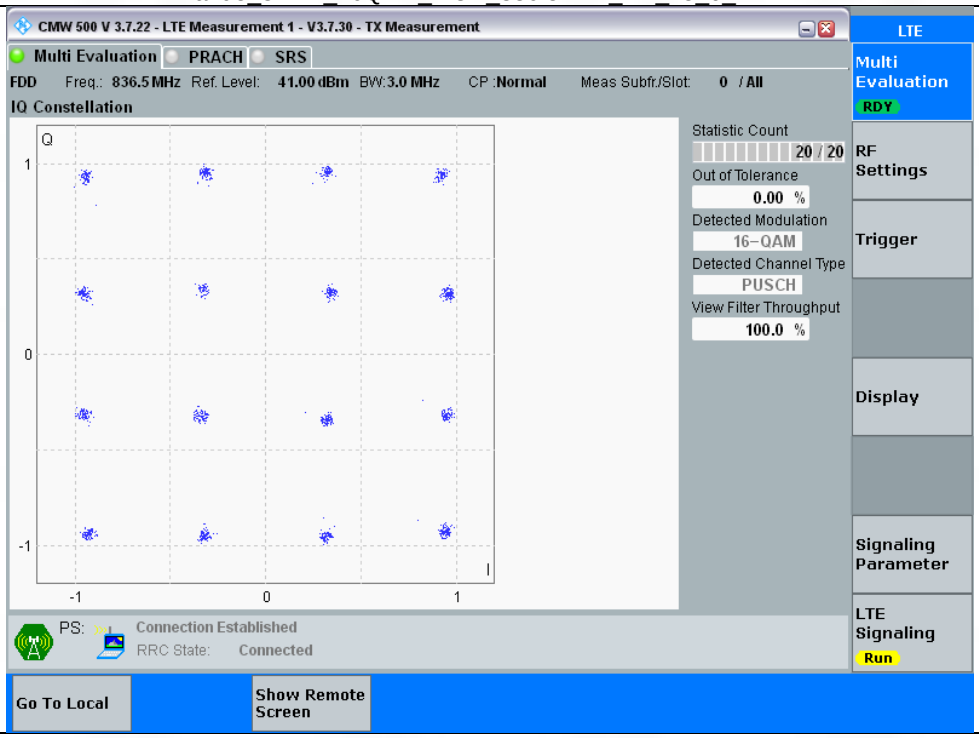
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



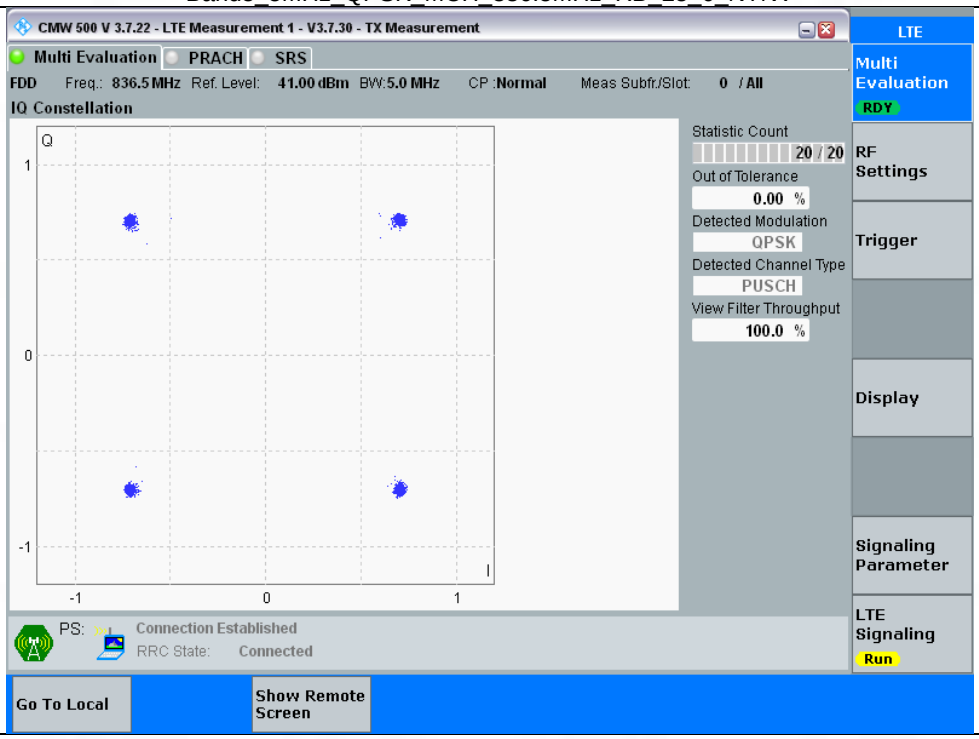
3.3 B5_5MHz

3.3.1 Test Result

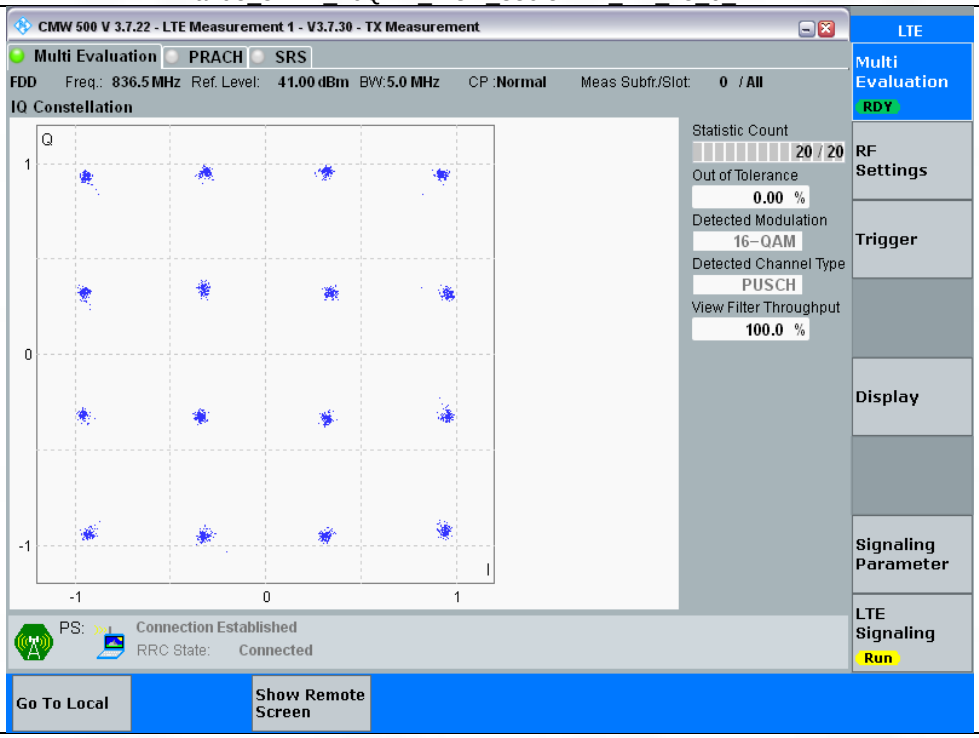
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



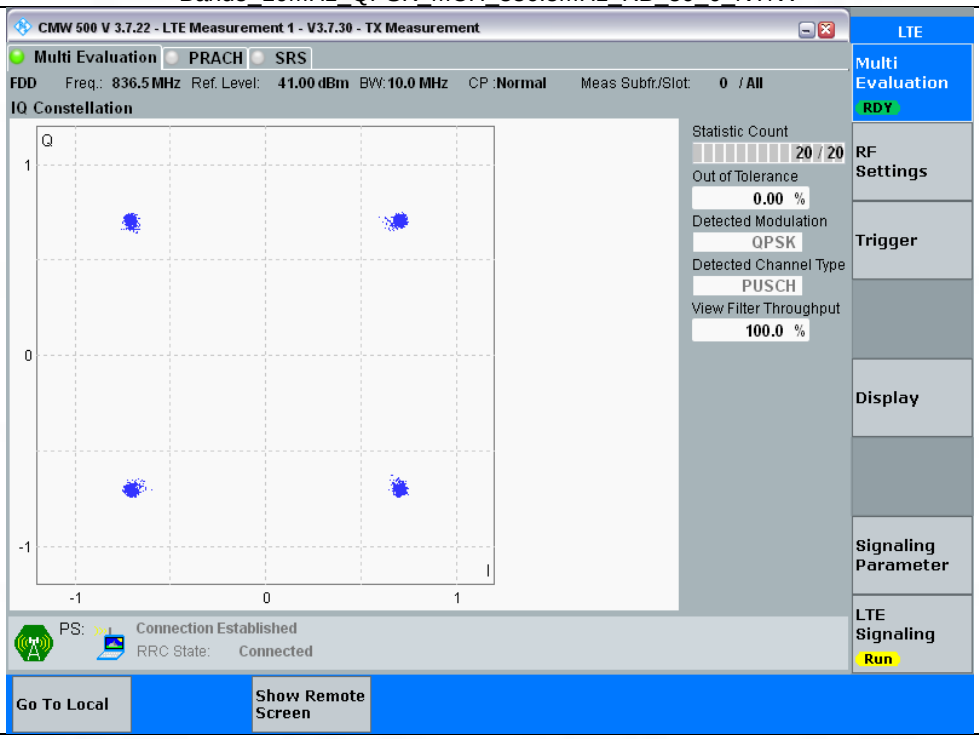
3.4 B5_10MHz

3.4.1 Test Result

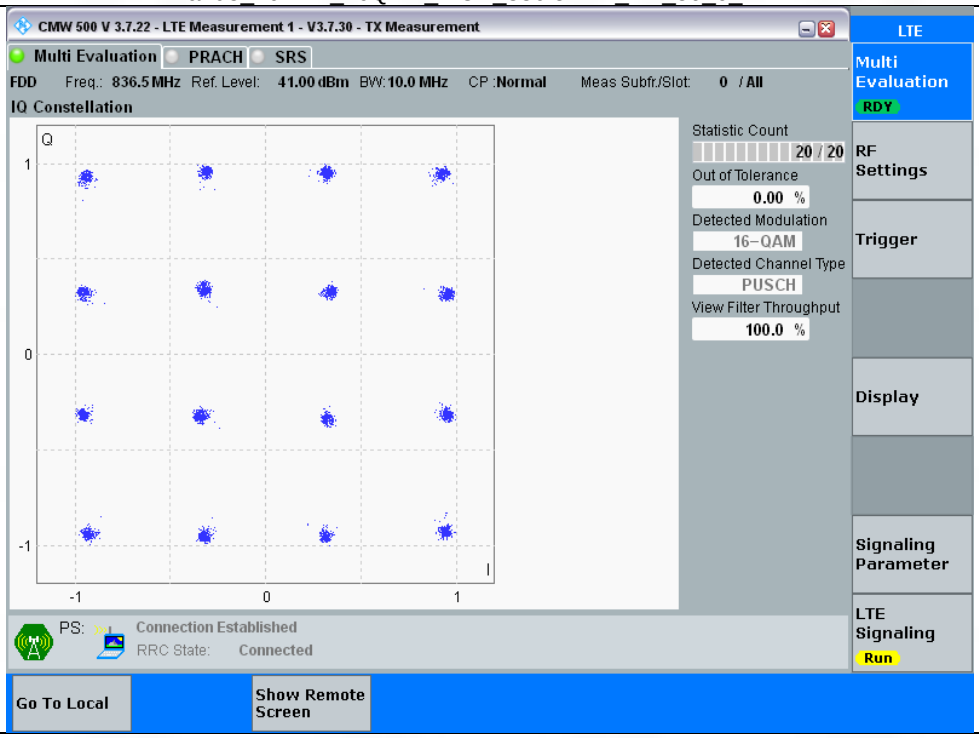
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

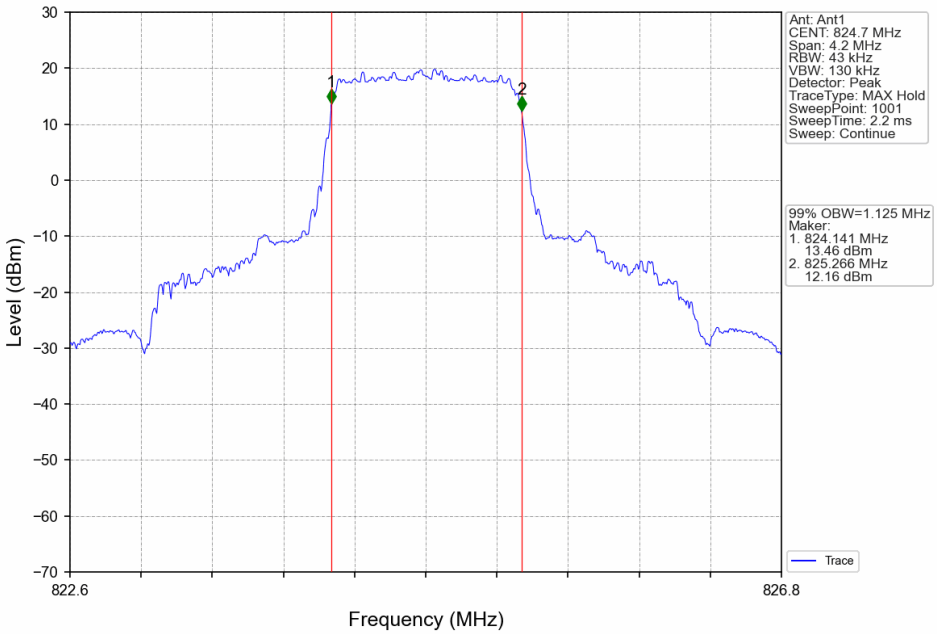
4.1 Band5_OBW

4.1.1 Test Result

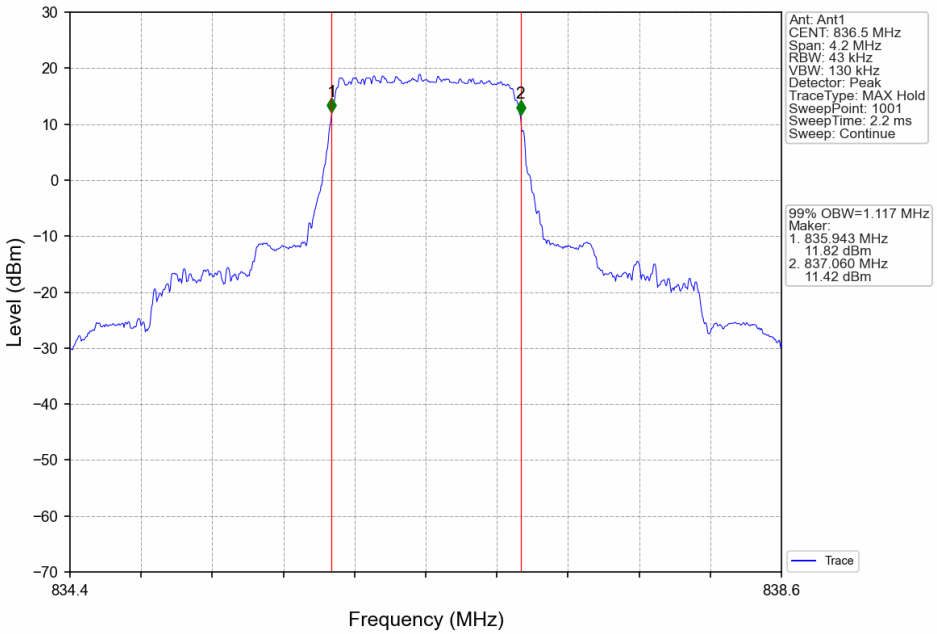
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.125	Pass
		836.5	6	0	1.117	Pass
		848.3	6	0	1.115	Pass
	16QAM	824.7	6	0	1.115	Pass
		836.5	6	0	1.106	Pass
		848.3	6	0	1.120	Pass
3	QPSK	825.5	15	0	2.731	Pass
		836.5	15	0	2.736	Pass
		847.5	15	0	2.738	Pass
	16QAM	825.5	15	0	2.723	Pass
		836.5	15	0	2.731	Pass
		847.5	15	0	2.735	Pass
5	QPSK	826.5	25	0	4.562	Pass
		836.5	25	0	4.584	Pass
		846.5	25	0	4.595	Pass
	16QAM	826.5	25	0	4.590	Pass
		836.5	25	0	4.593	Pass
		846.5	25	0	4.587	Pass
10	QPSK	829	50	0	9.074	Pass
		836.5	50	0	9.103	Pass
		844	50	0	9.092	Pass
	16QAM	829	50	0	9.089	Pass
		836.5	50	0	9.108	Pass
		844	50	0	9.080	Pass

4.1.2 Test Graph

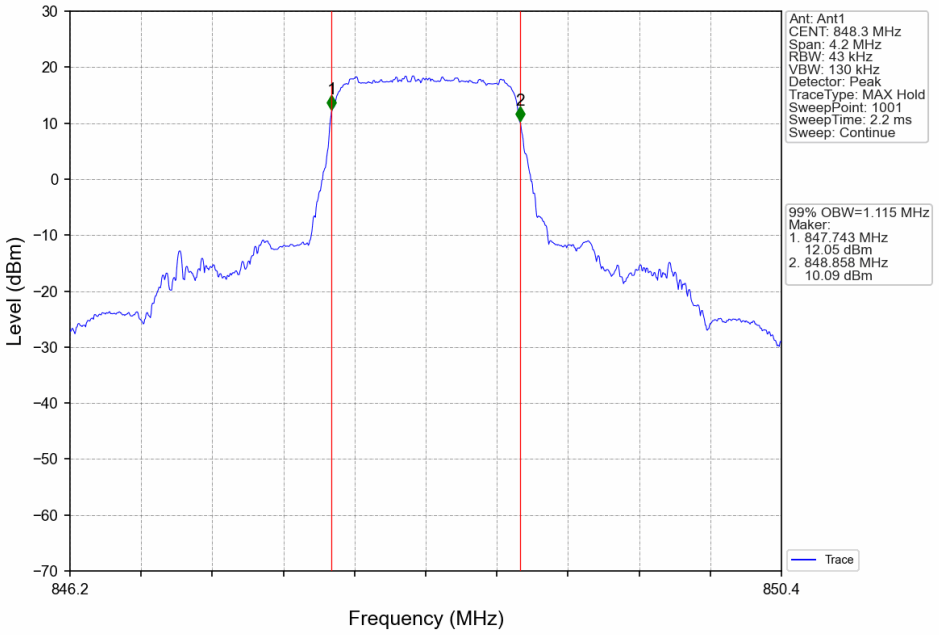
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



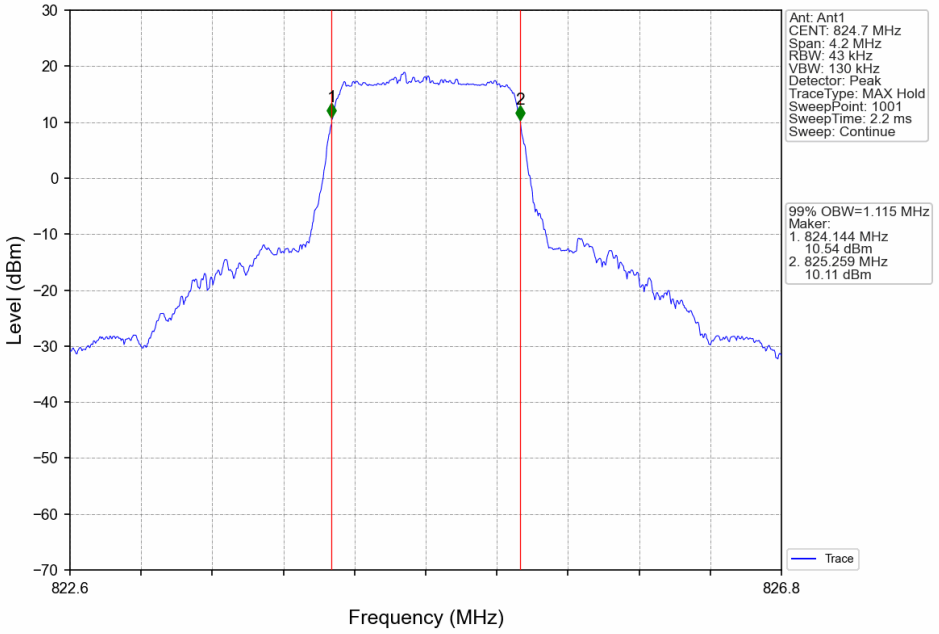
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



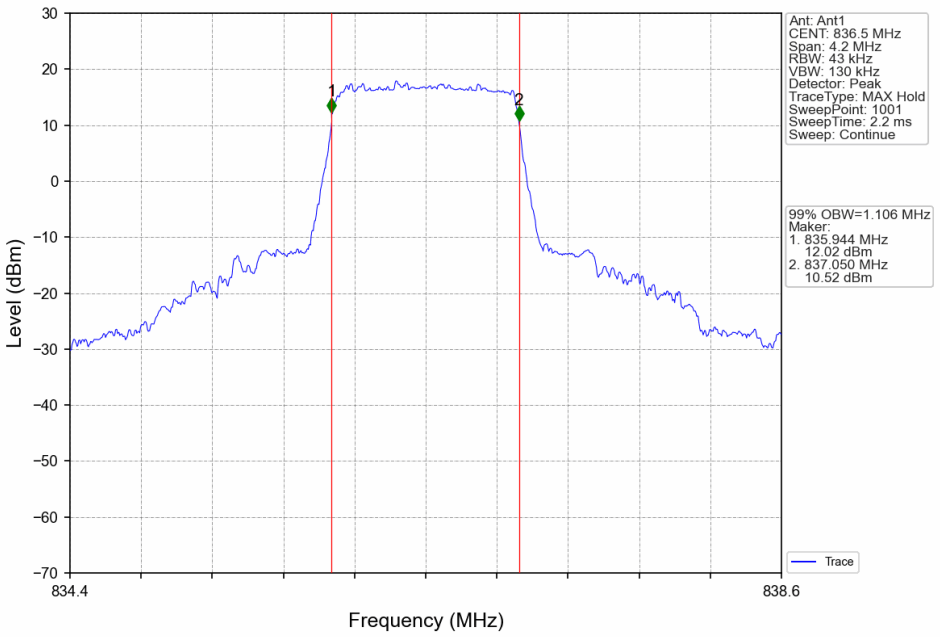
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



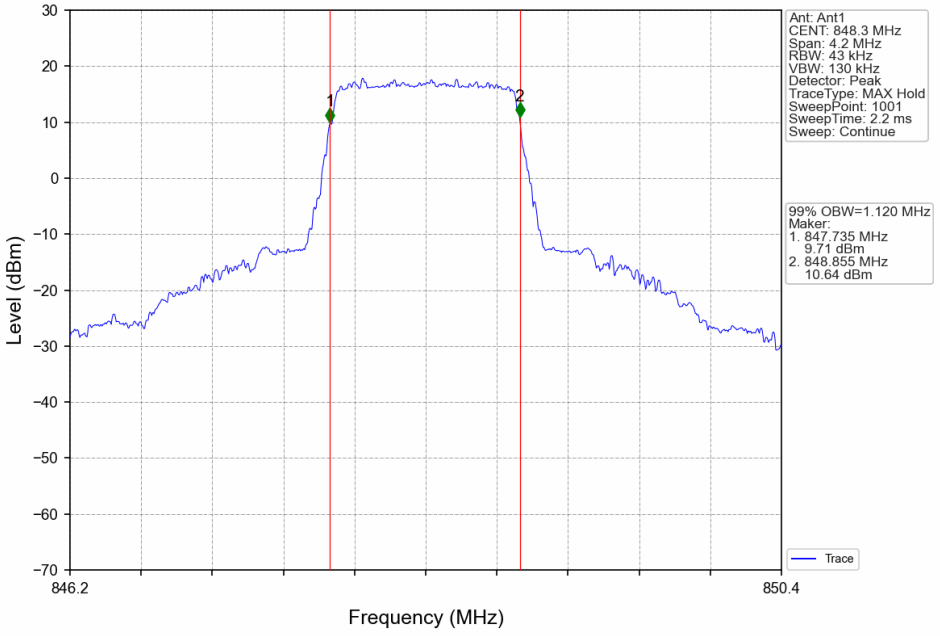
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



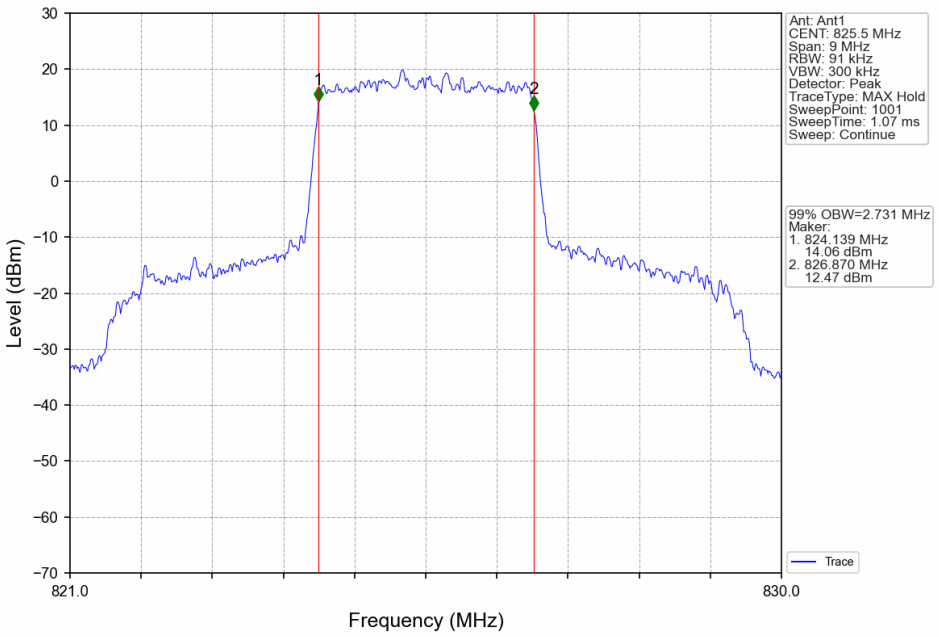
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



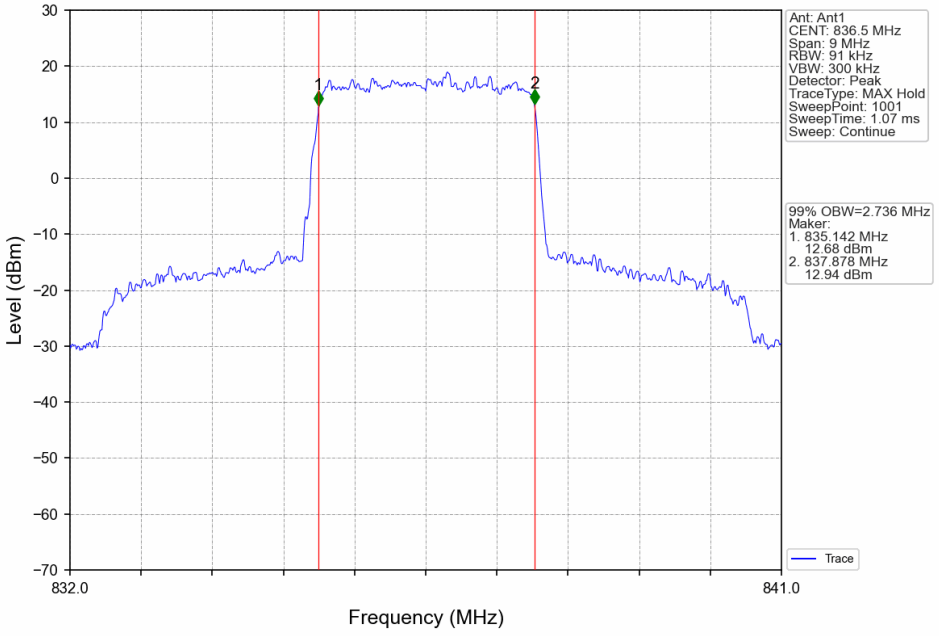
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



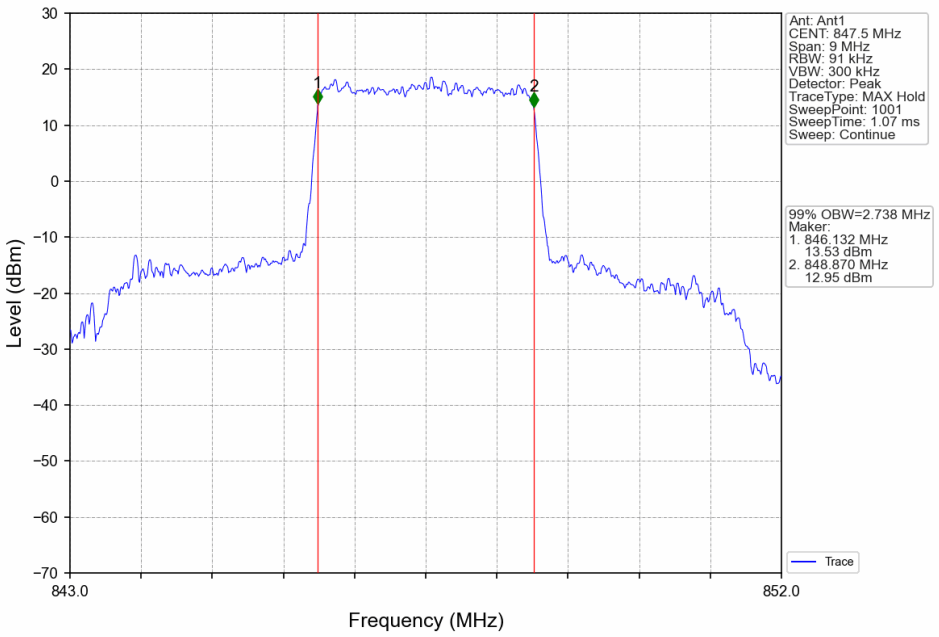
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



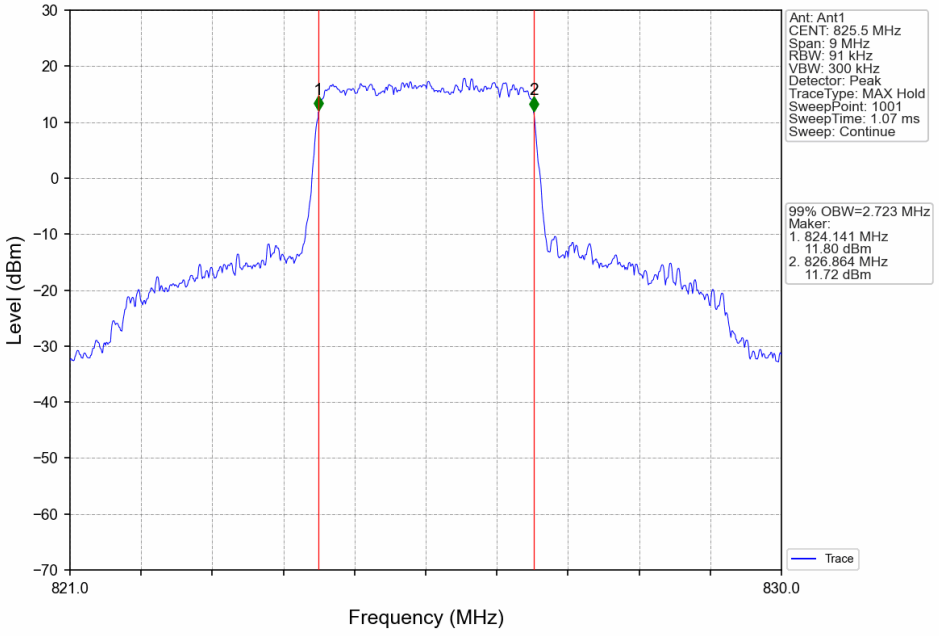
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



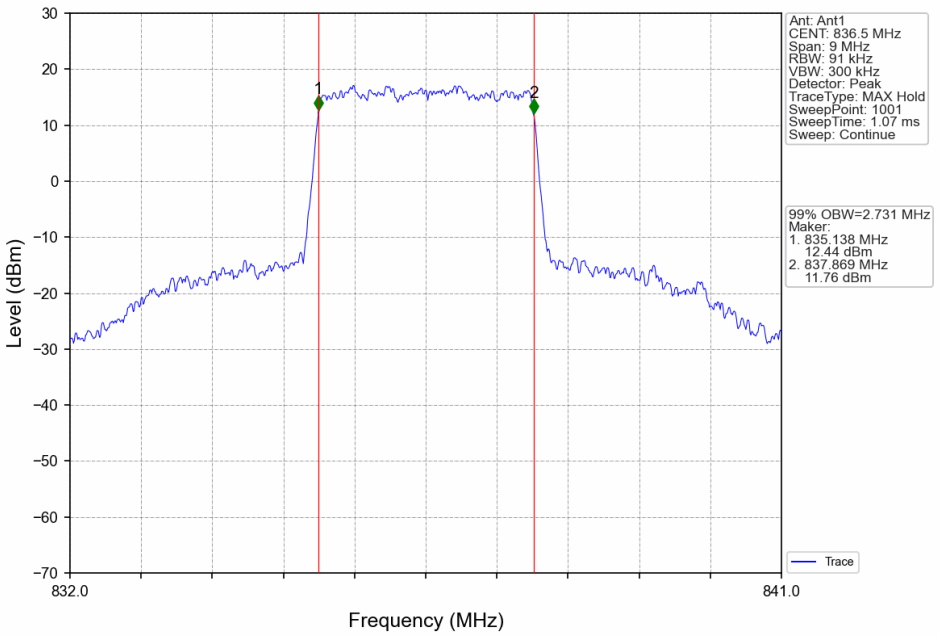
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



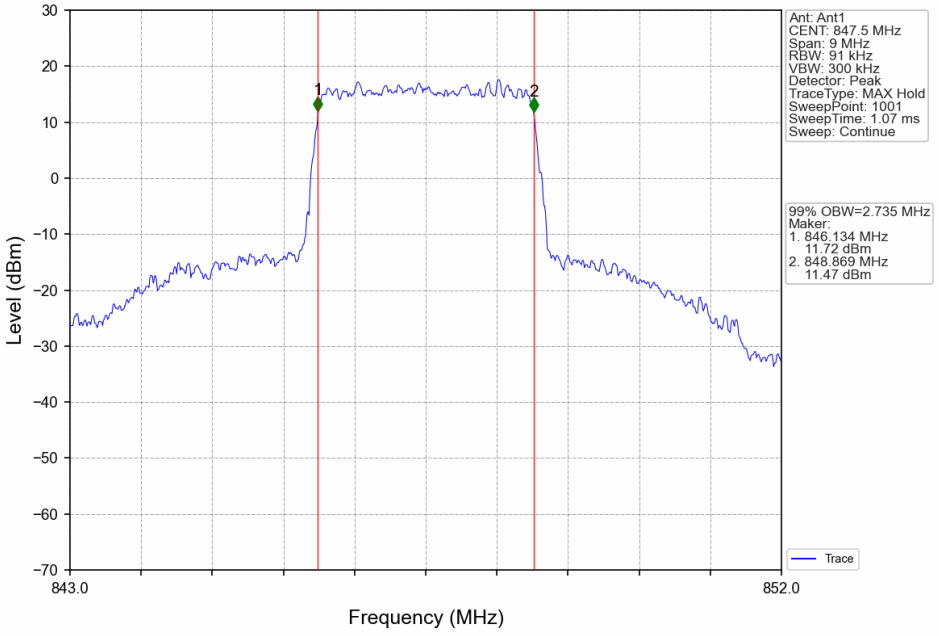
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



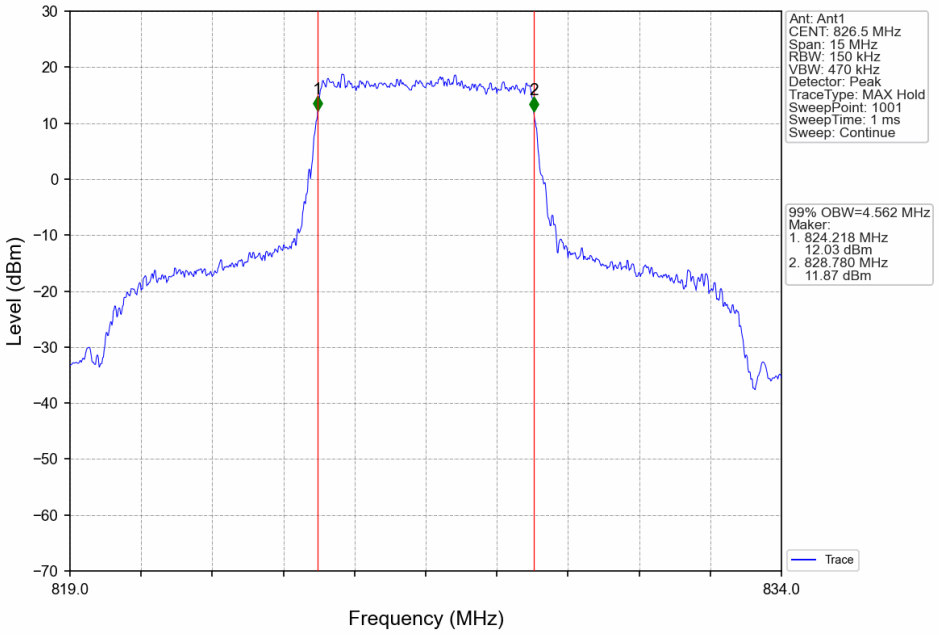
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



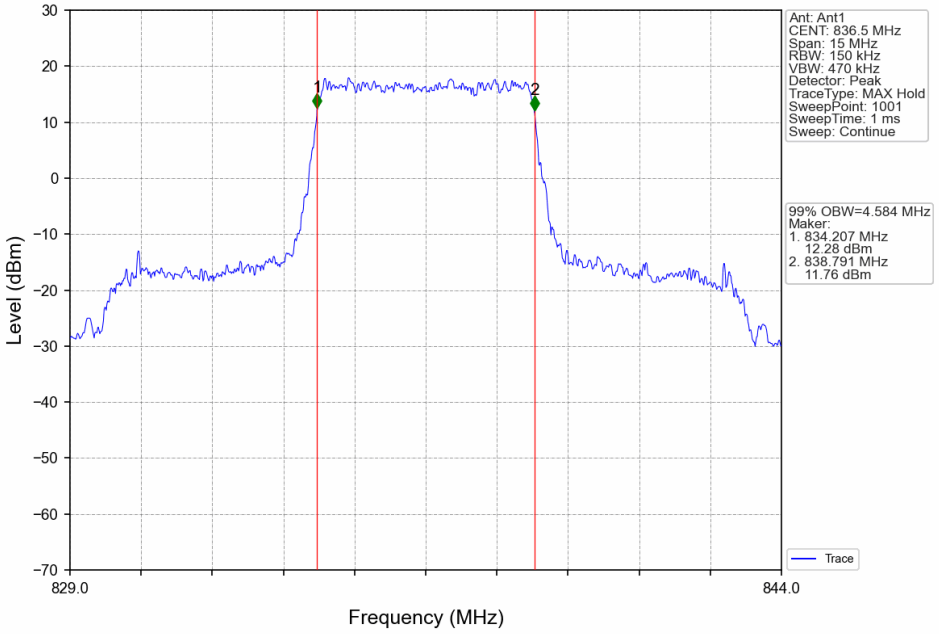
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



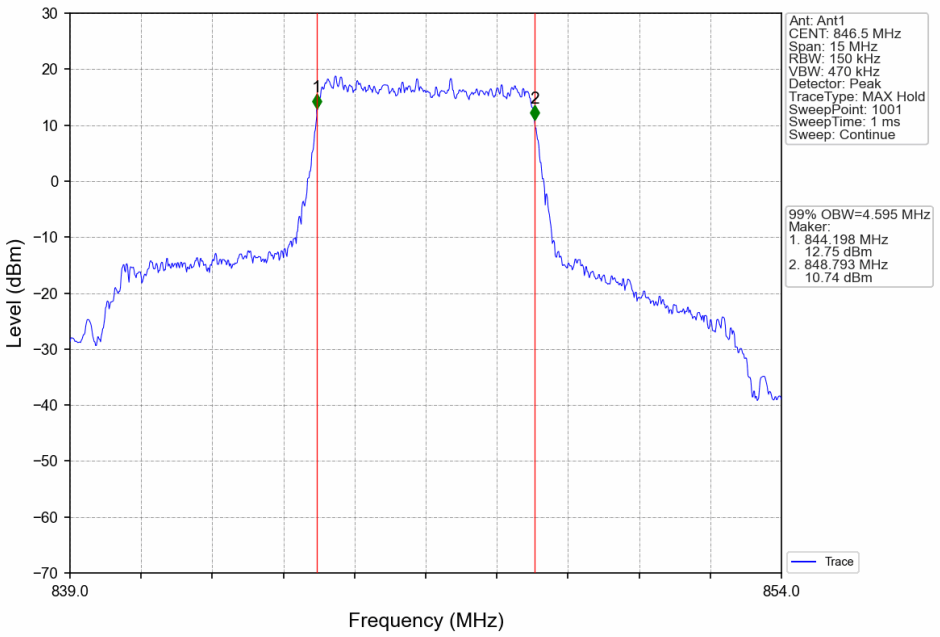
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



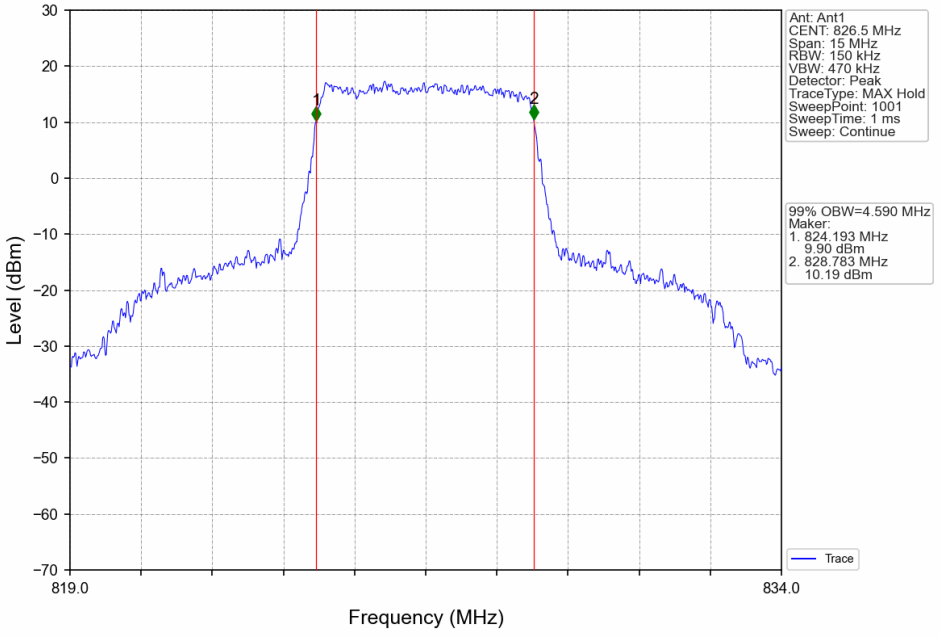
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



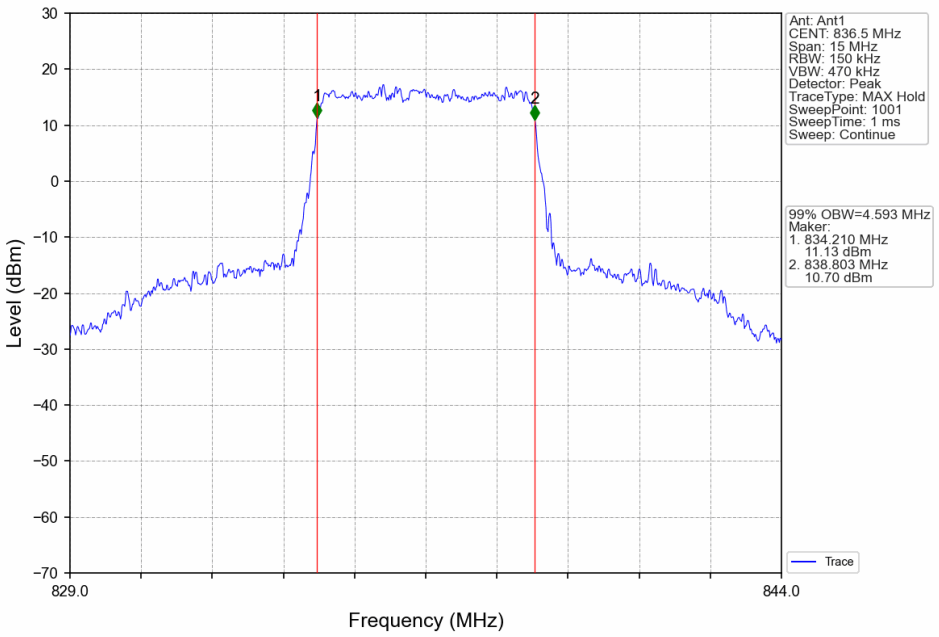
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



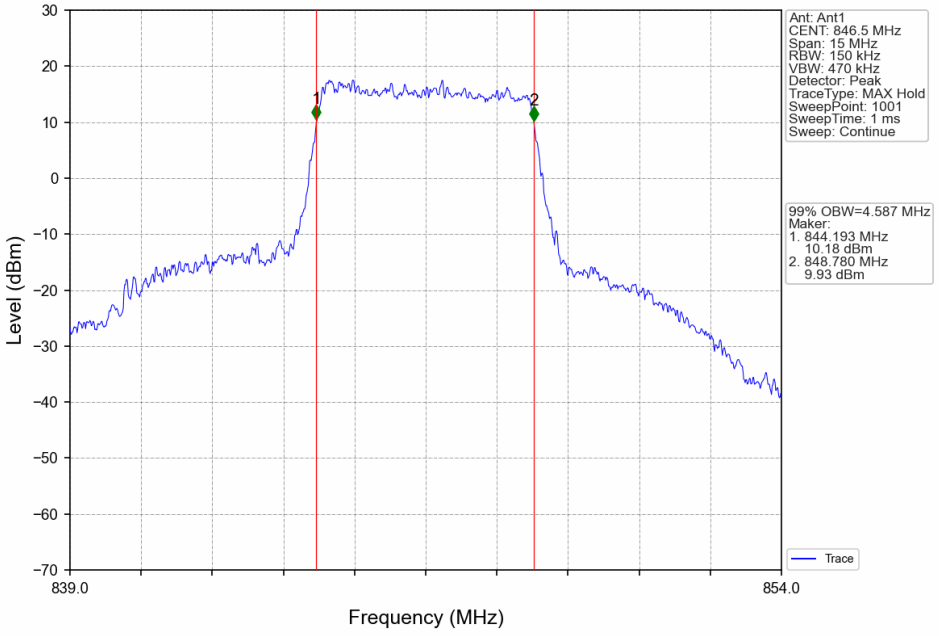
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



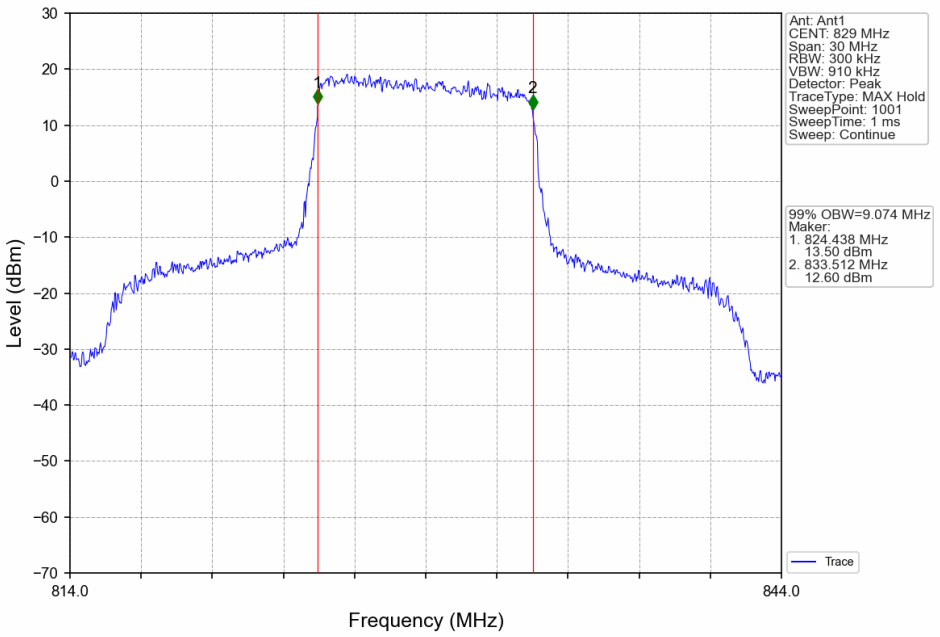
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



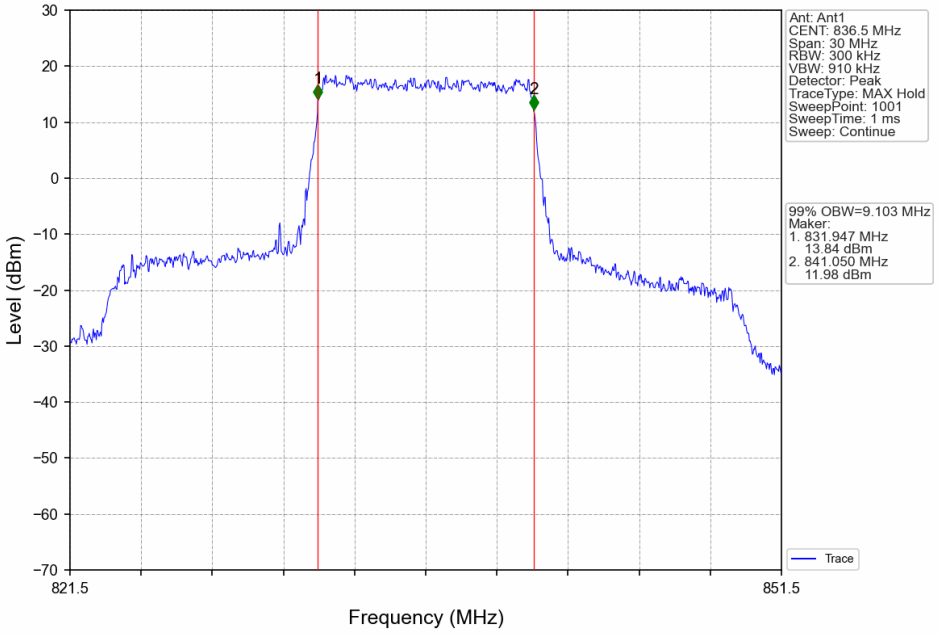
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



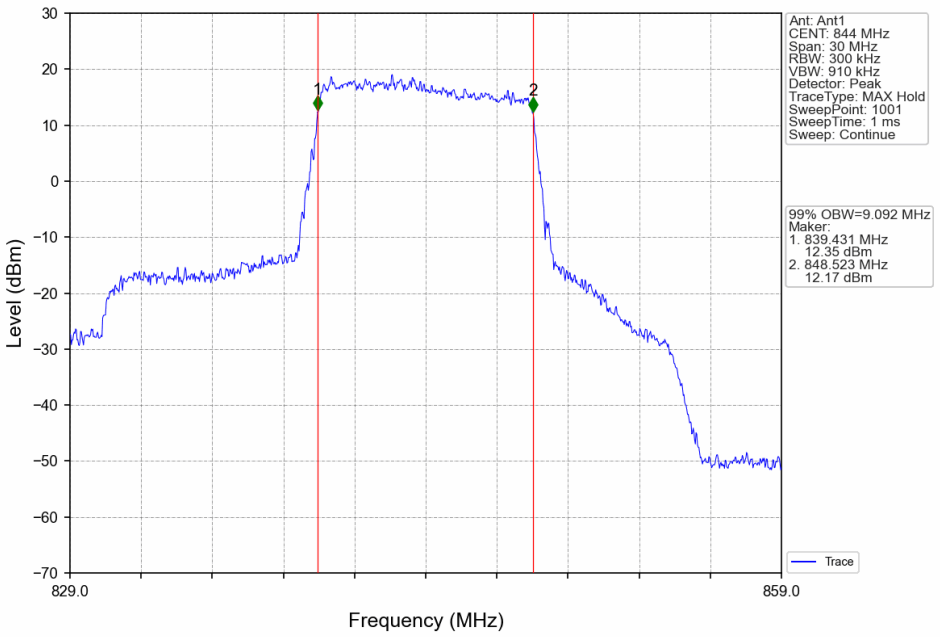
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



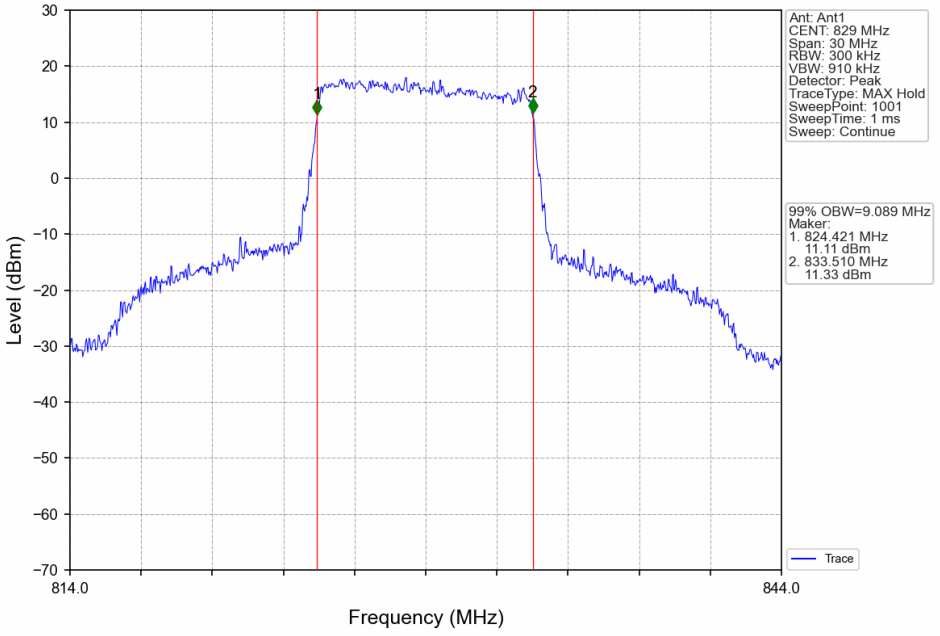
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



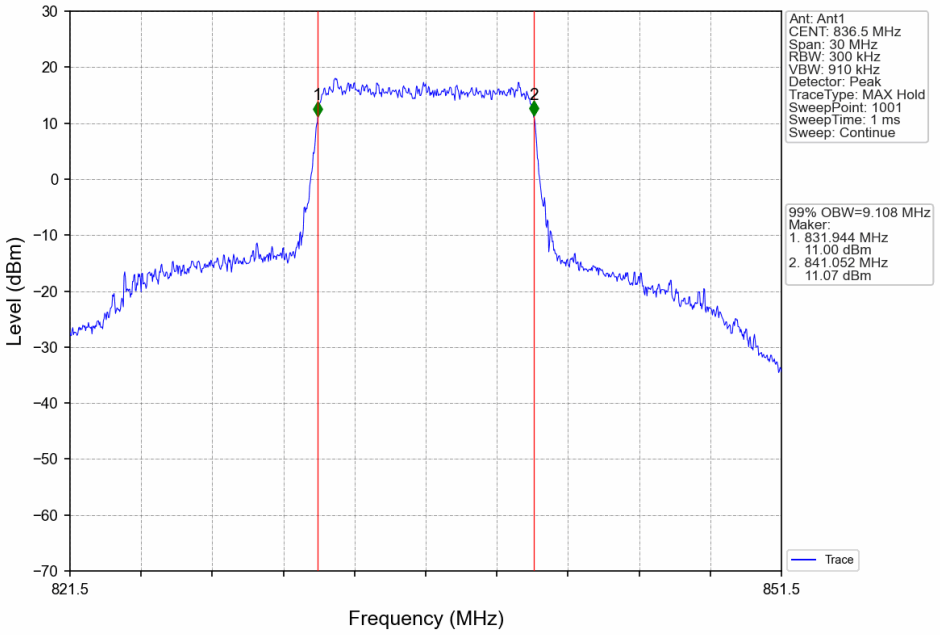
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



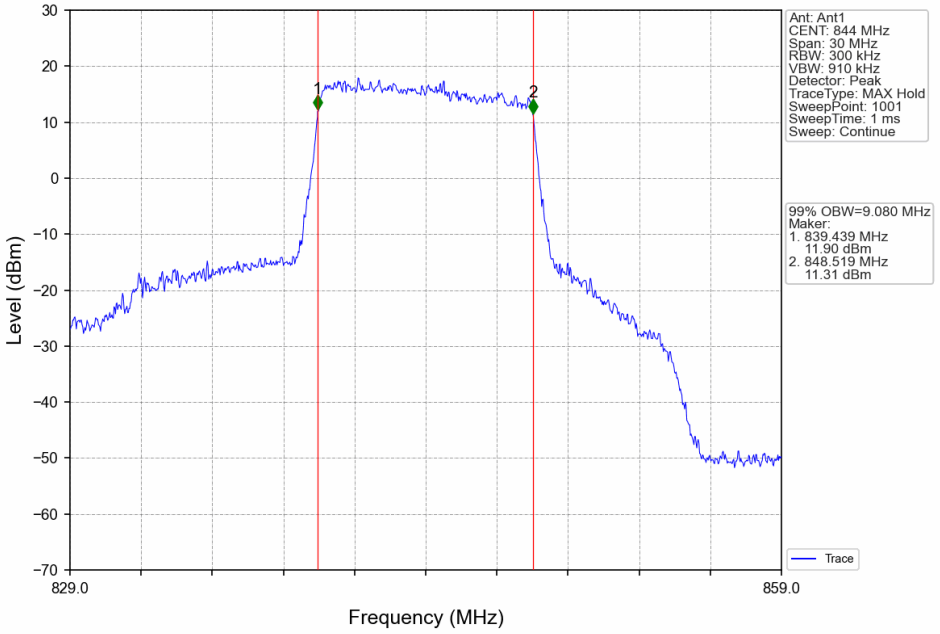
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



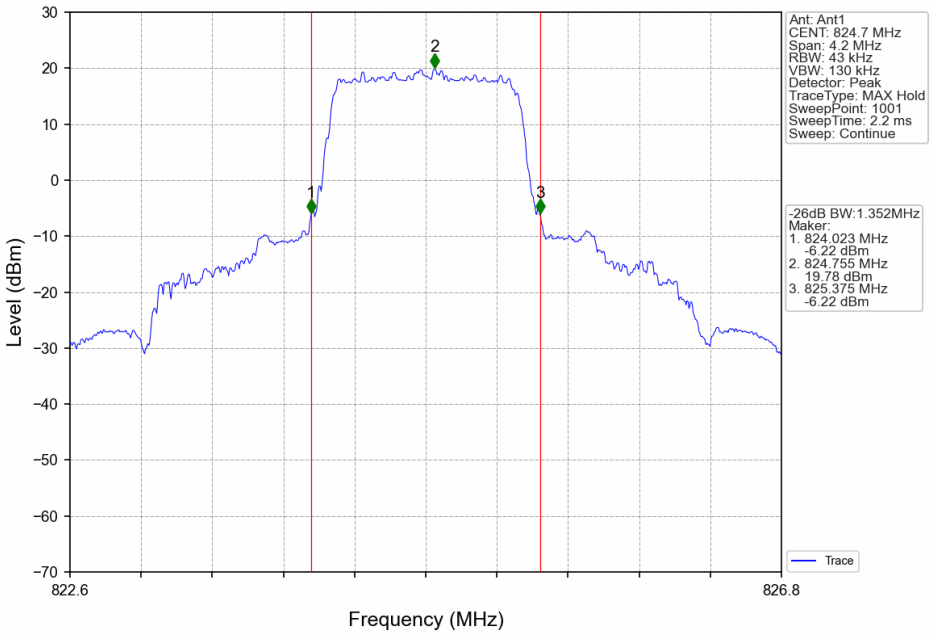
4.2 Band5_XDB

4.2.1 Test Result

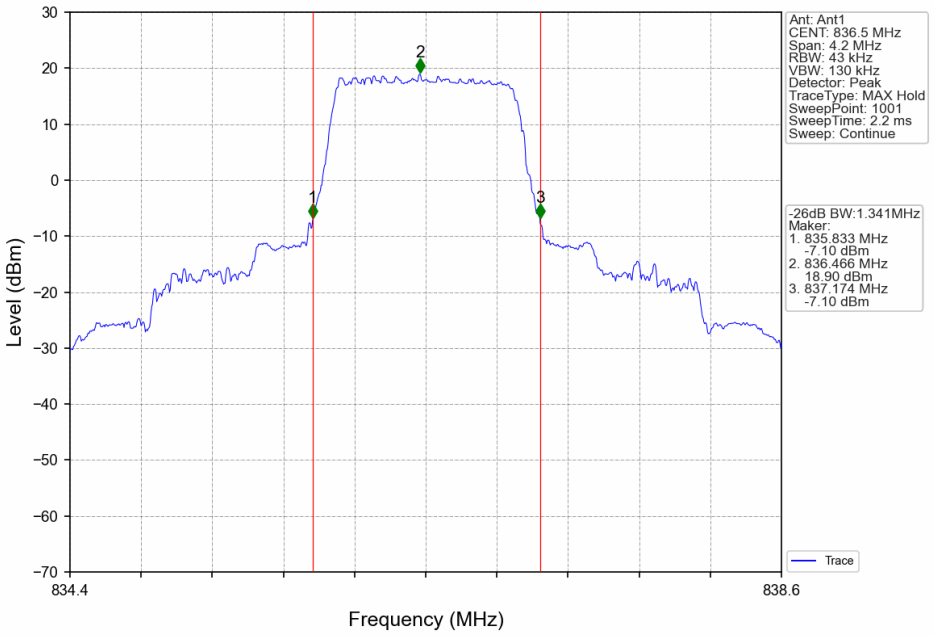
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.352	Pass
		836.5	6	0	1.341	Pass
		848.3	6	0	1.363	Pass
	16QAM	824.7	6	0	1.342	Pass
		836.5	6	0	1.311	Pass
		848.3	6	0	1.332	Pass
3	QPSK	825.5	15	0	3.005	Pass
		836.5	15	0	3.017	Pass
		847.5	15	0	3.006	Pass
	16QAM	825.5	15	0	3.004	Pass
		836.5	15	0	3.005	Pass
		847.5	15	0	3.037	Pass
5	QPSK	826.5	25	0	5.295	Pass
		836.5	25	0	5.254	Pass
		846.5	25	0	5.310	Pass
	16QAM	826.5	25	0	5.313	Pass
		836.5	25	0	5.303	Pass
		846.5	25	0	5.314	Pass
10	QPSK	829	50	0	10.323	Pass
		836.5	50	0	10.362	Pass
		844	50	0	10.250	Pass
	16QAM	829	50	0	10.268	Pass
		836.5	50	0	10.319	Pass
		844	50	0	10.204	Pass

4.2.2 Test Graph

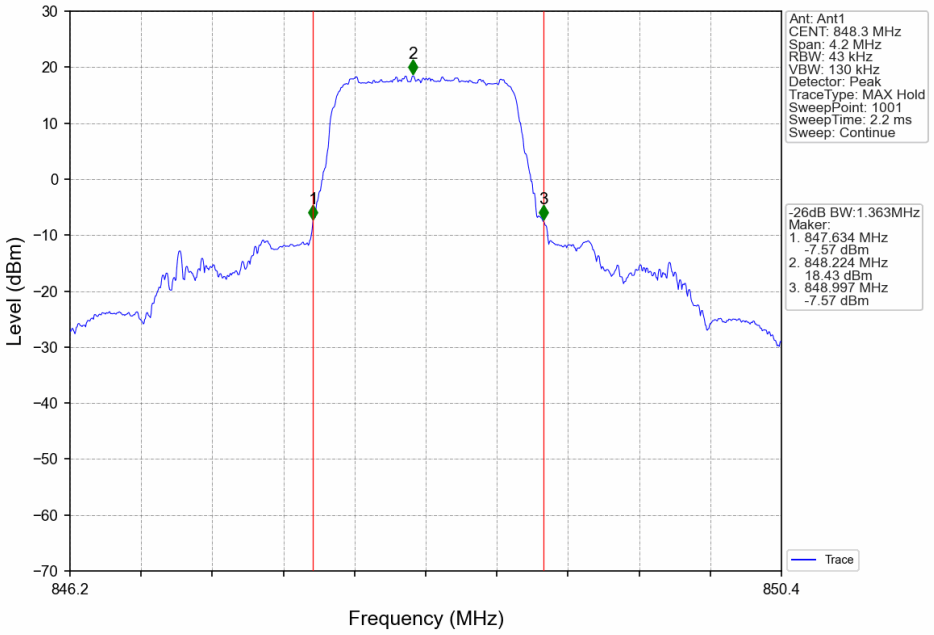
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



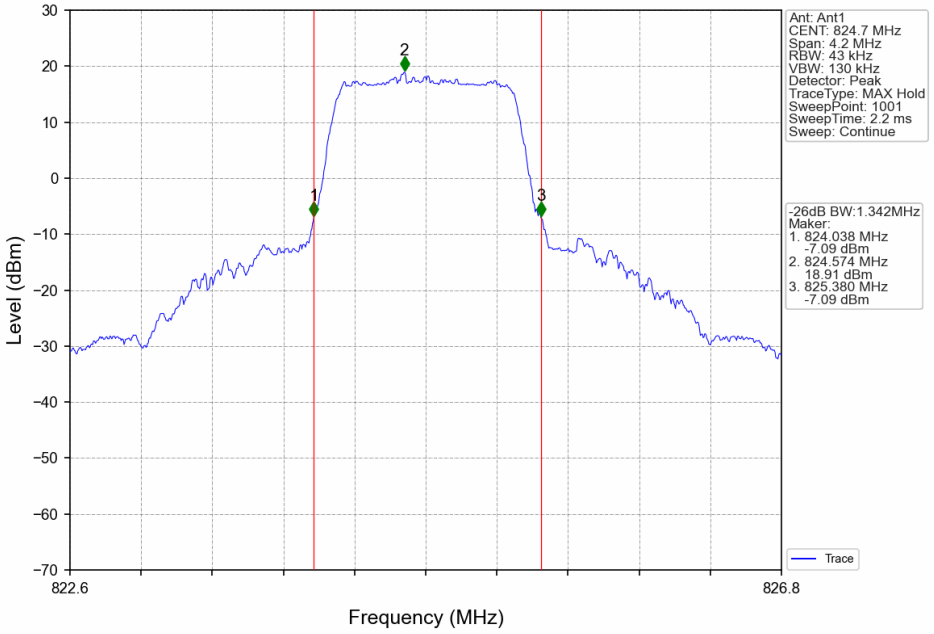
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



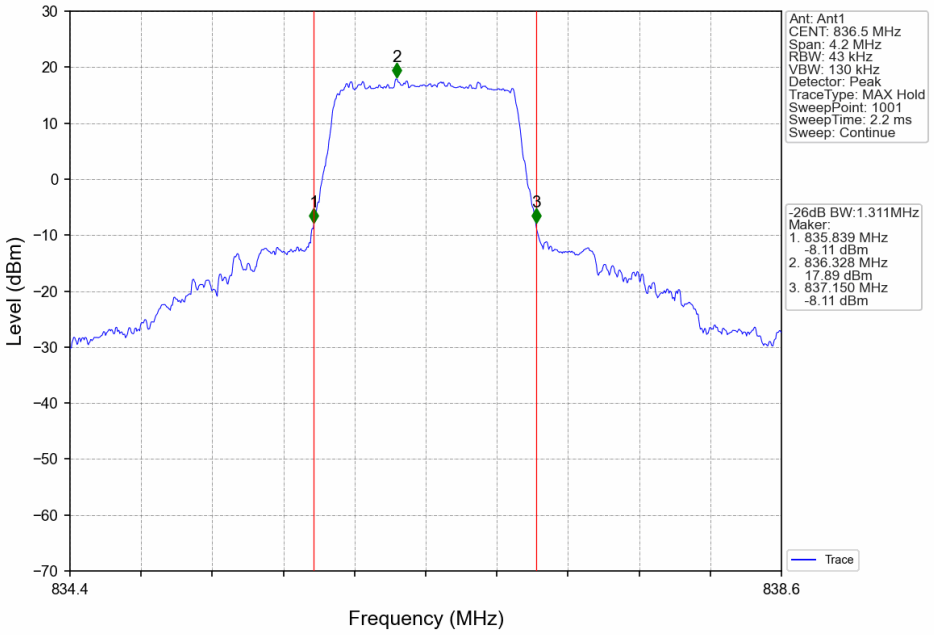
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



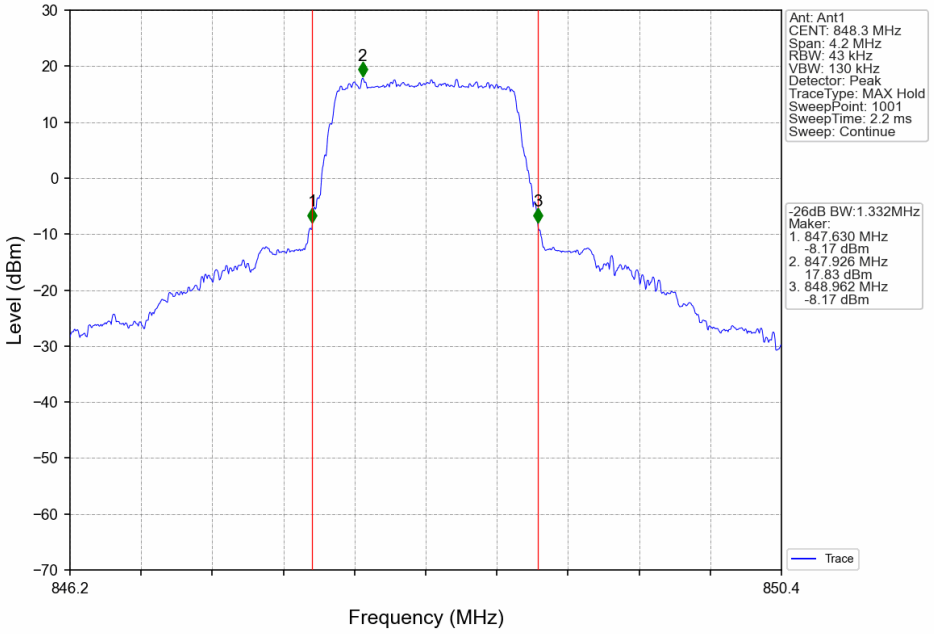
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



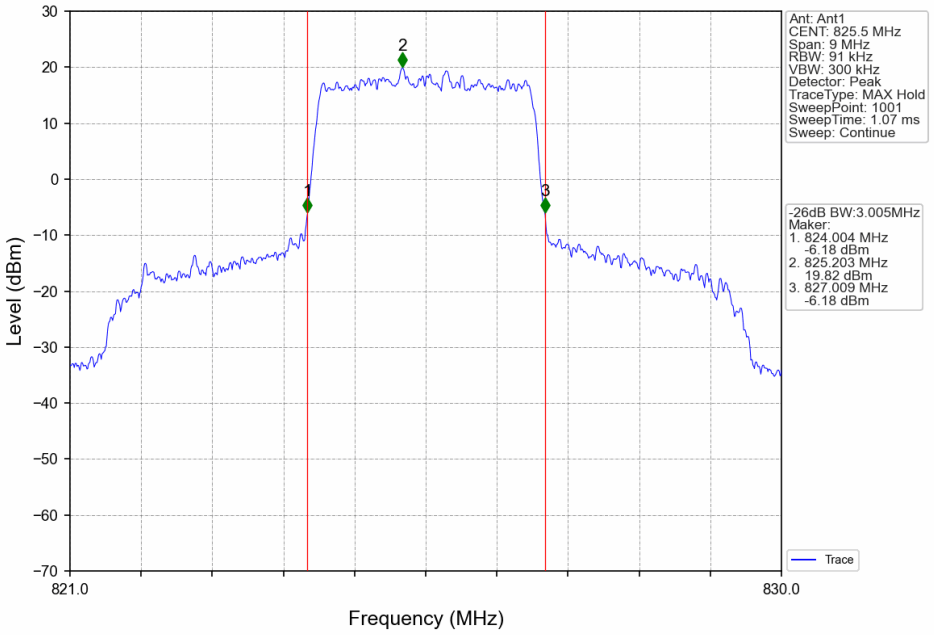
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



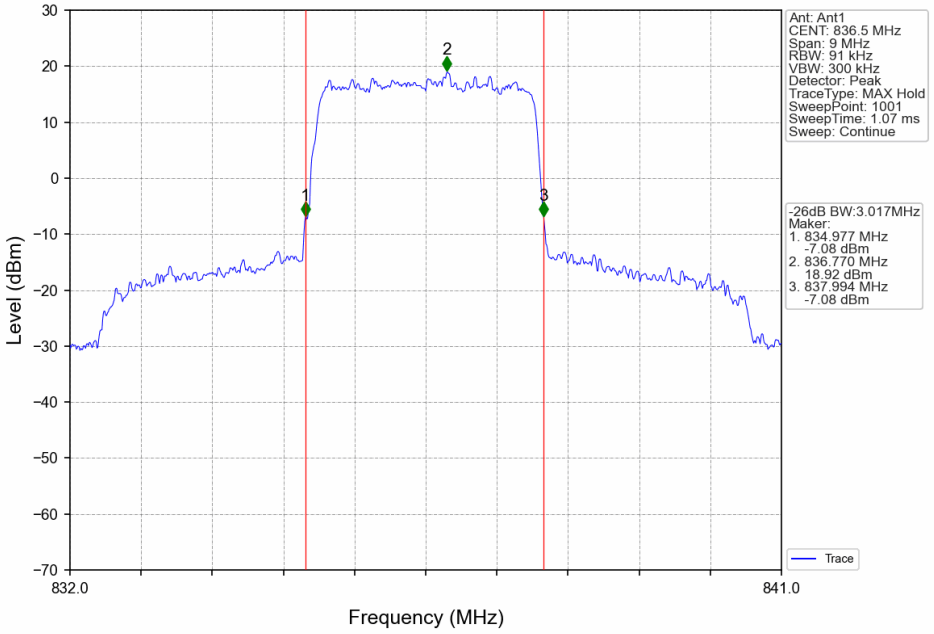
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



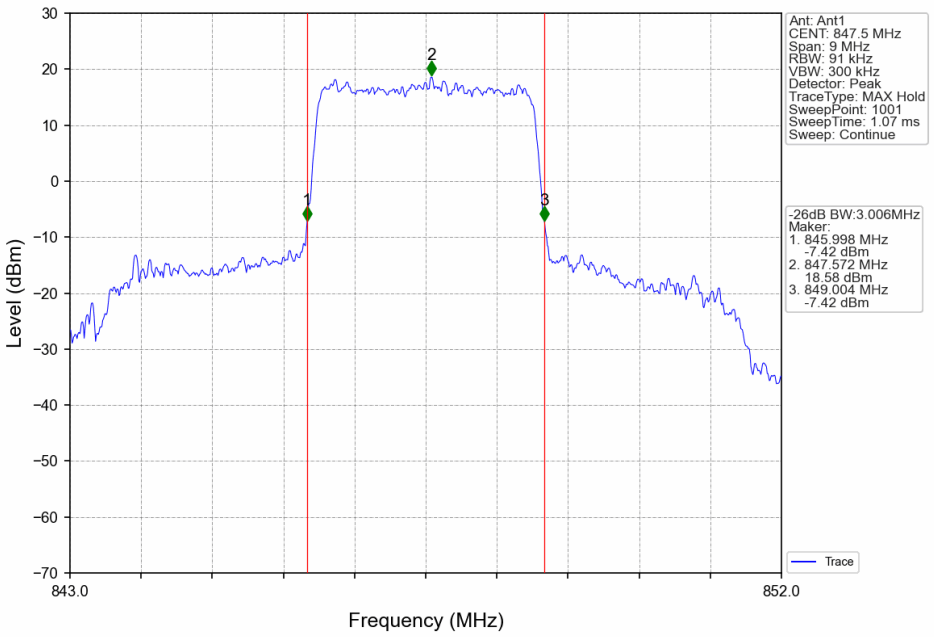
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



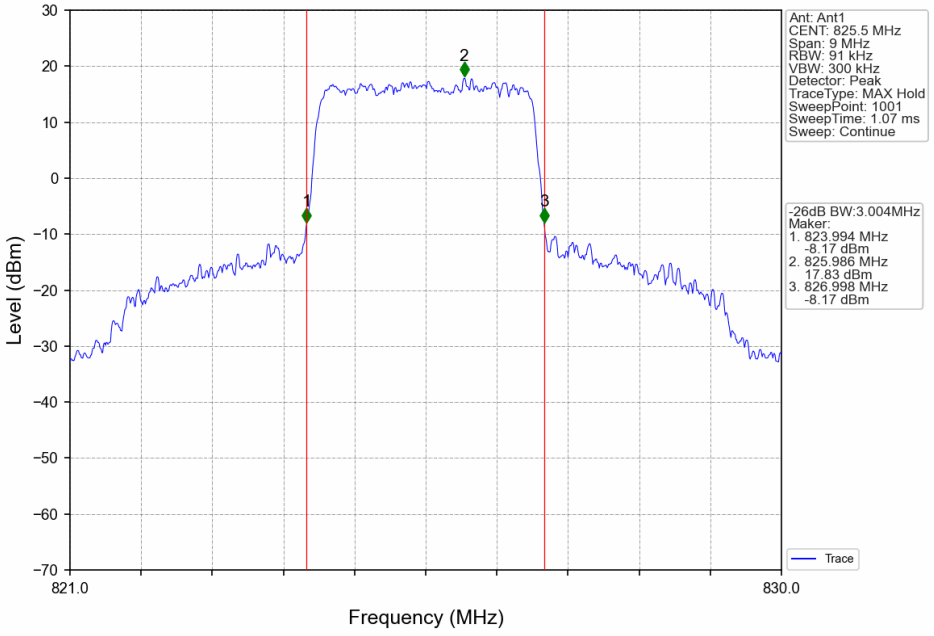
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



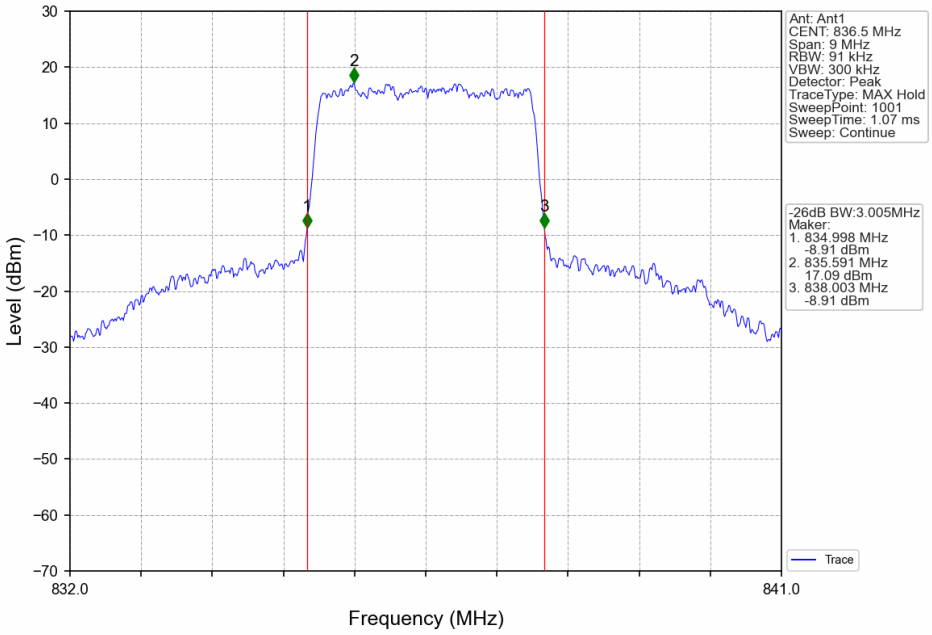
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



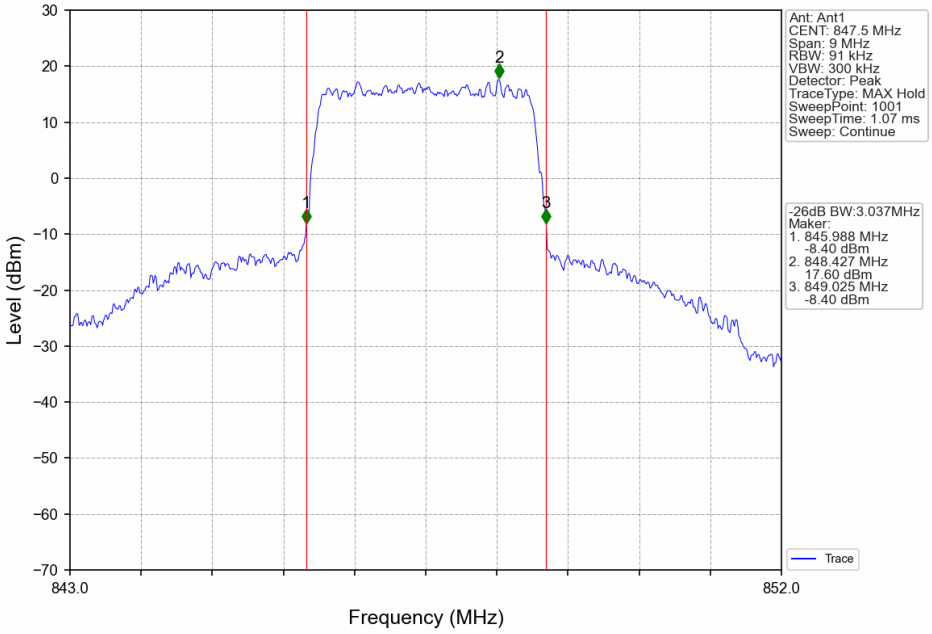
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



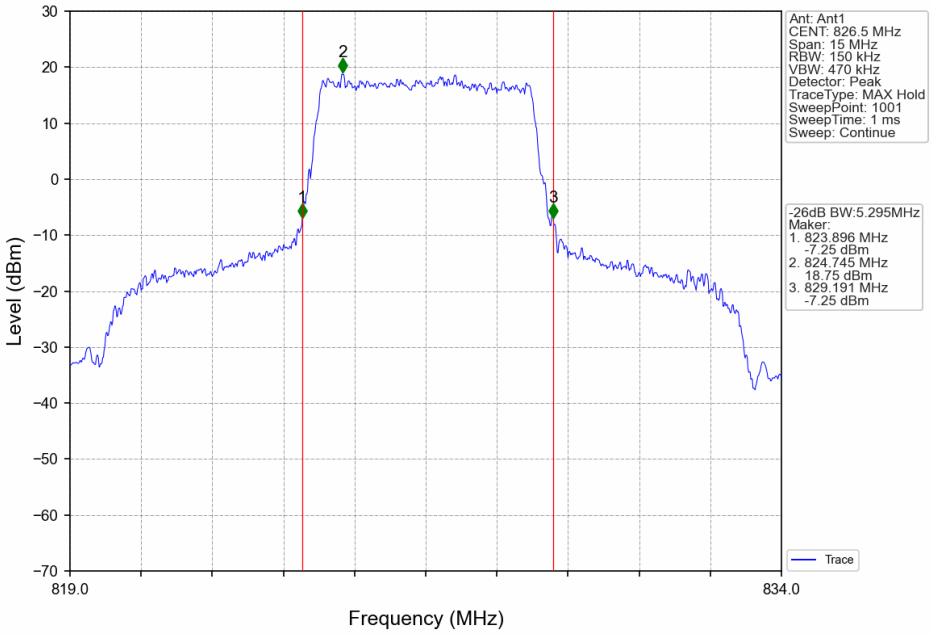
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



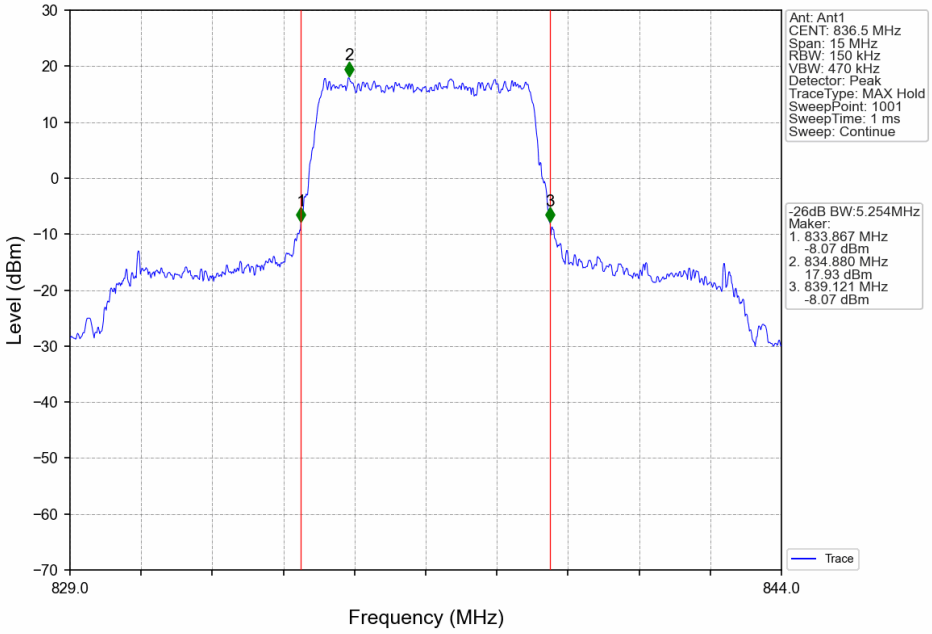
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



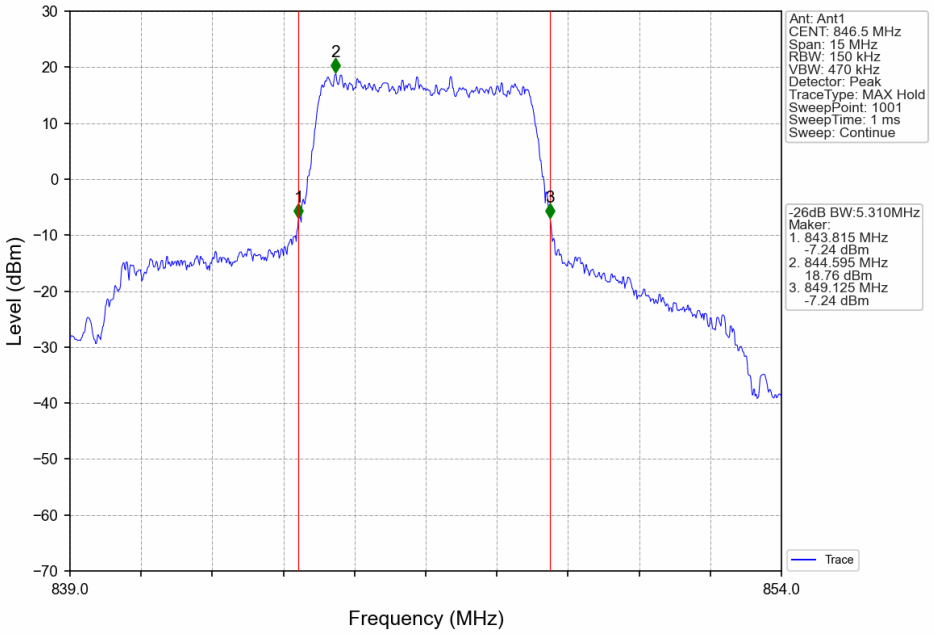
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



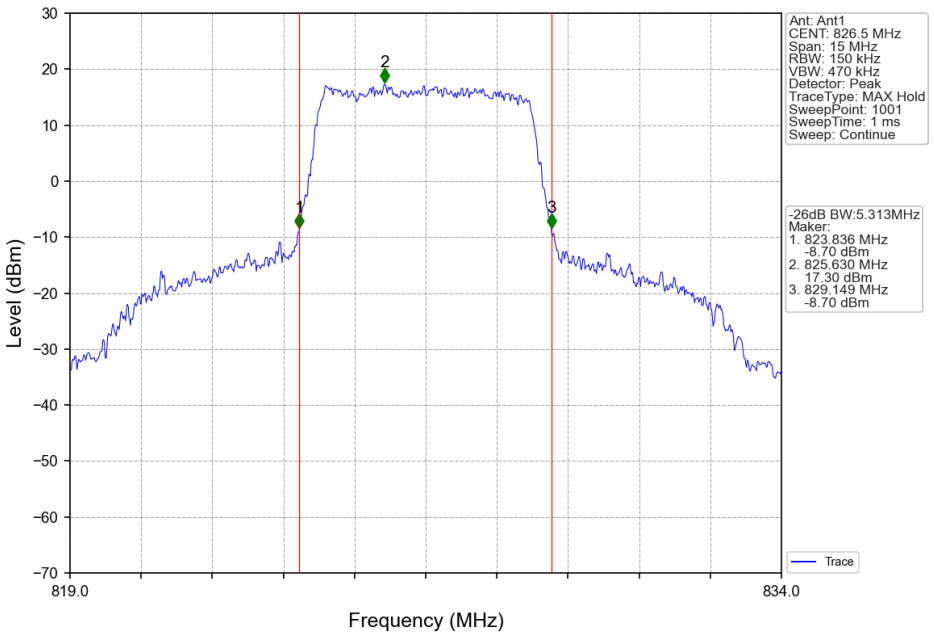
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



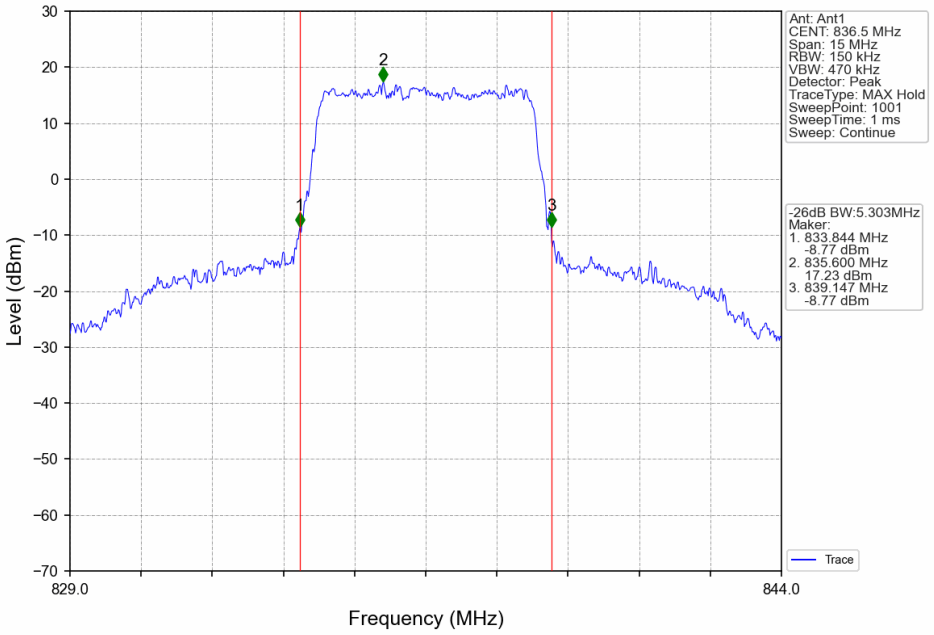
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



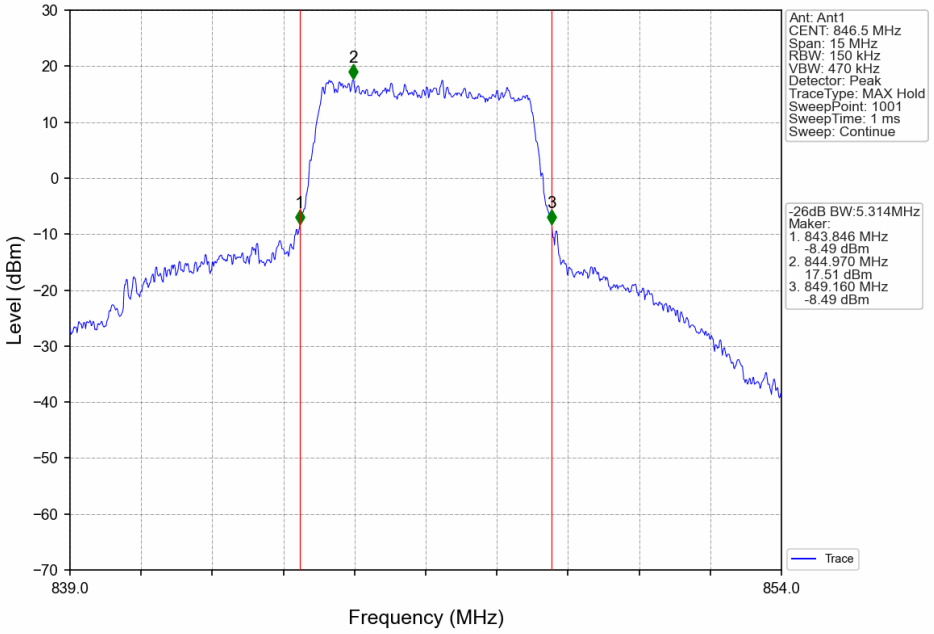
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



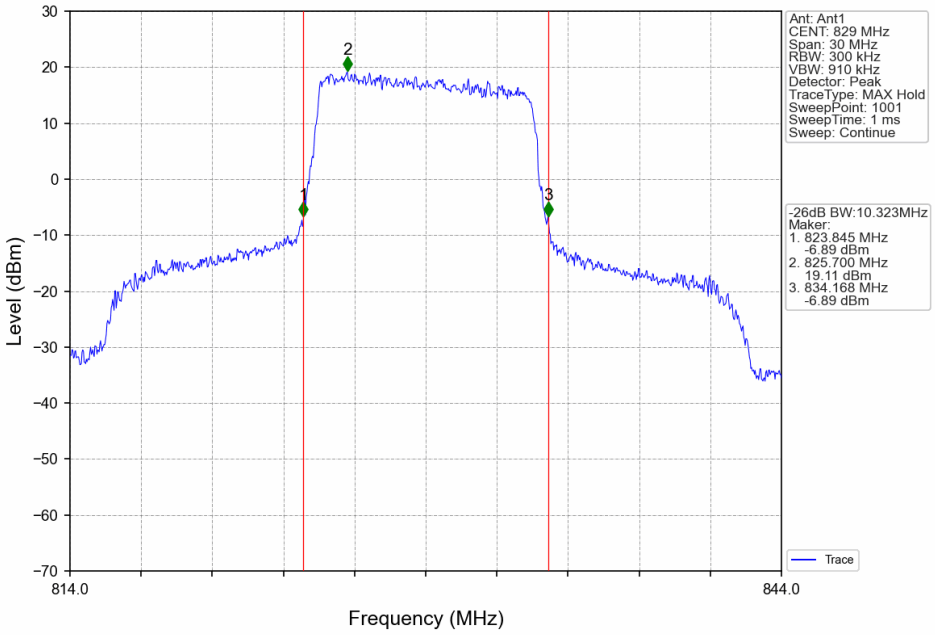
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



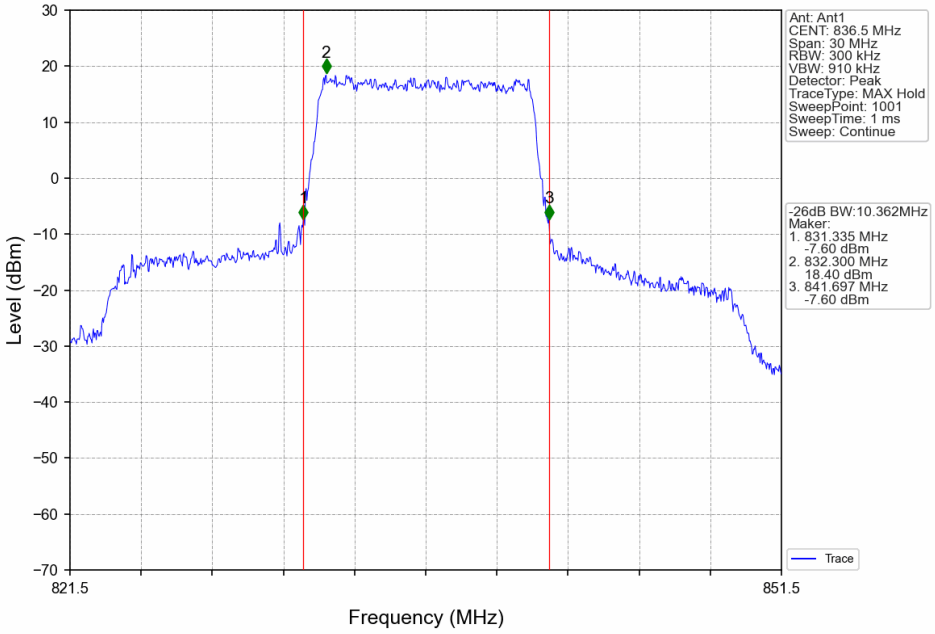
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



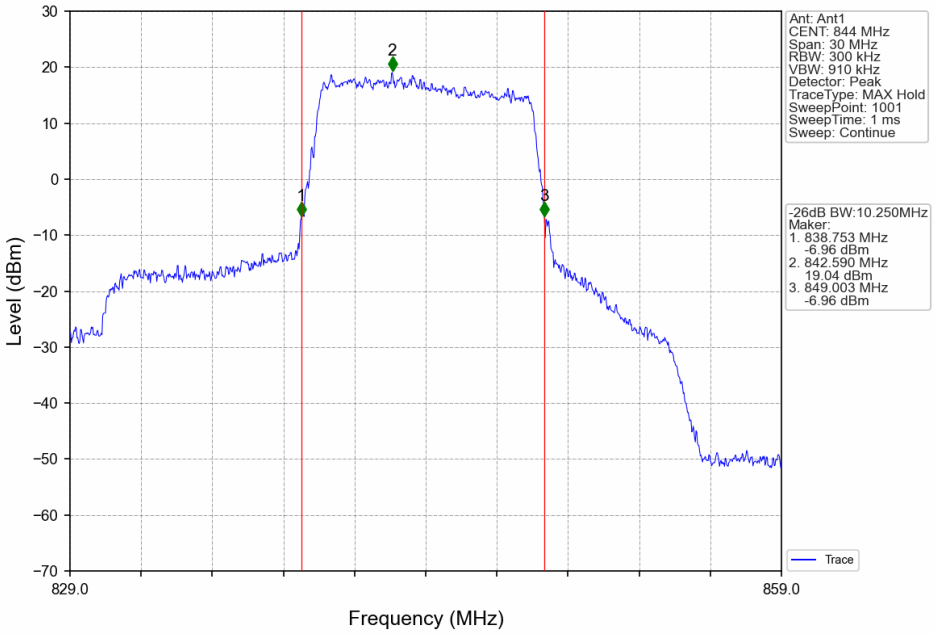
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



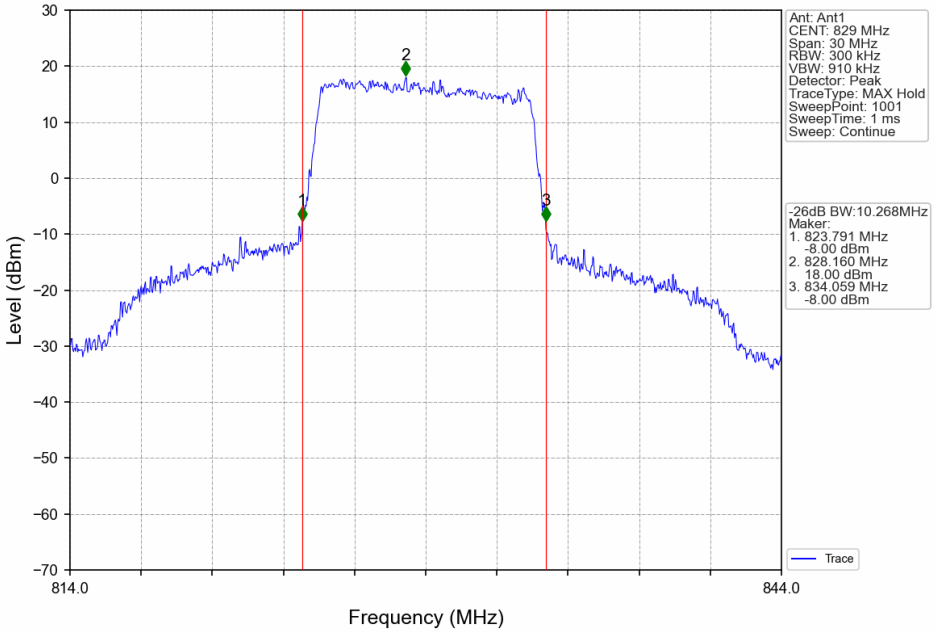
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



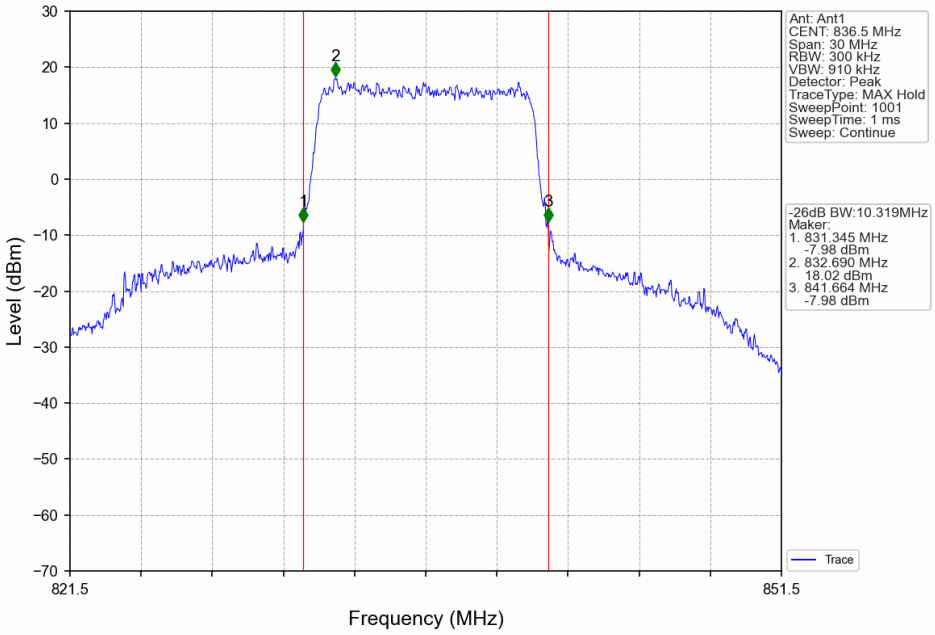
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



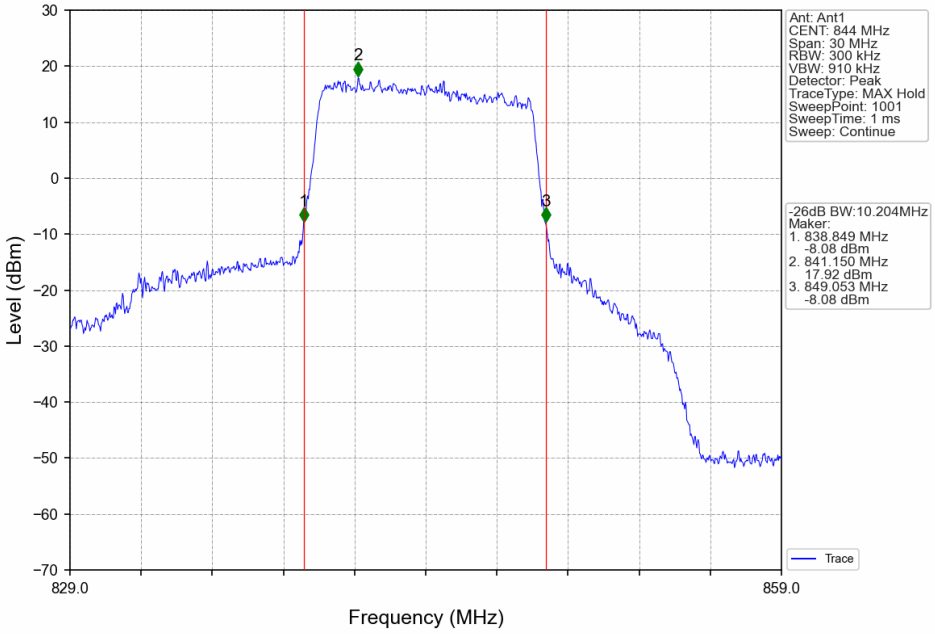
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

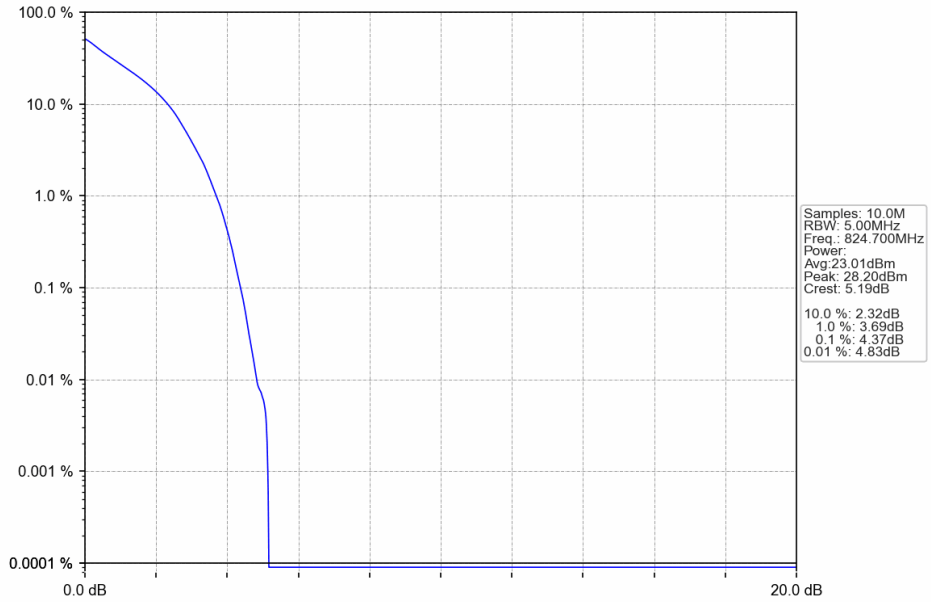
5.1 B5_1.4MHz

5.1.1 Test Result

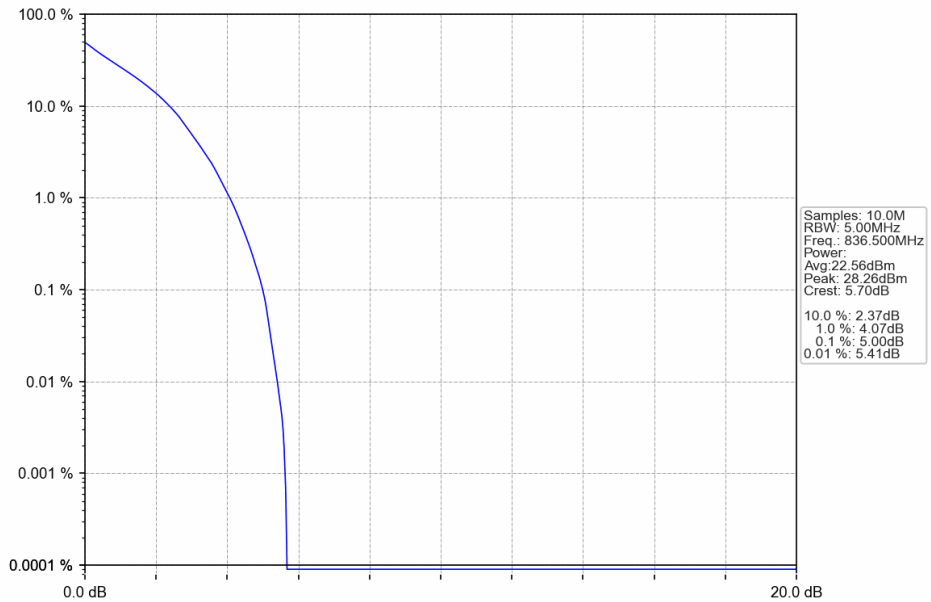
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.37	<=13	Pass
	836.5	6	0	5.00	<=13	Pass
	848.3	6	0	4.71	<=13	Pass
16QAM	824.7	6	0	5.18	<=13	Pass
	836.5	6	0	5.73	<=13	Pass
	848.3	6	0	5.56	<=13	Pass

5.1.2 Test Graph

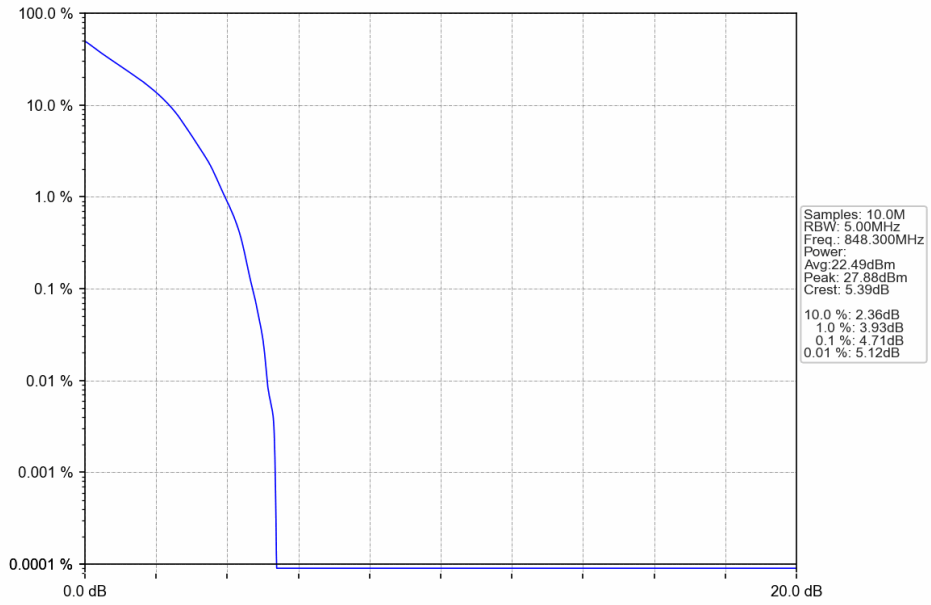
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



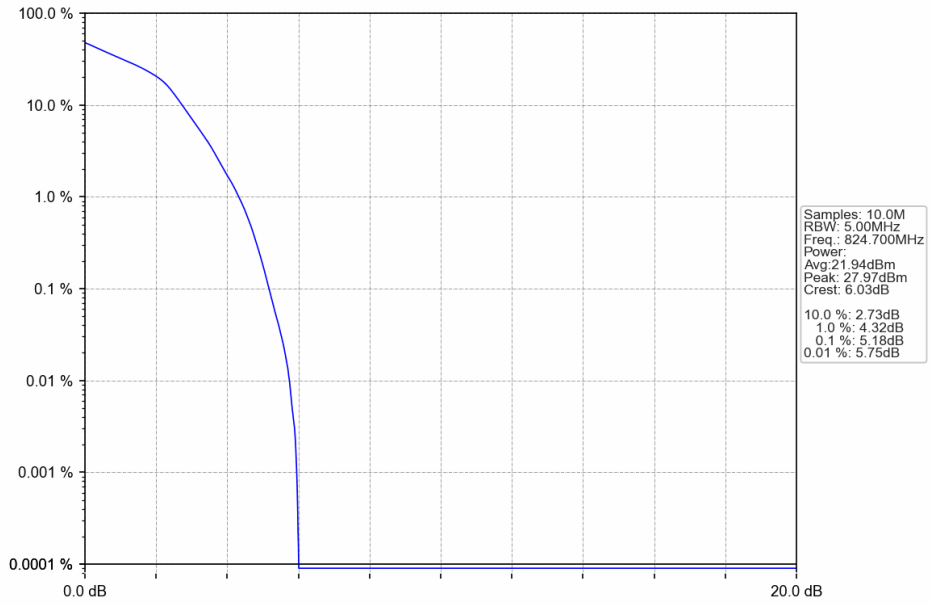
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



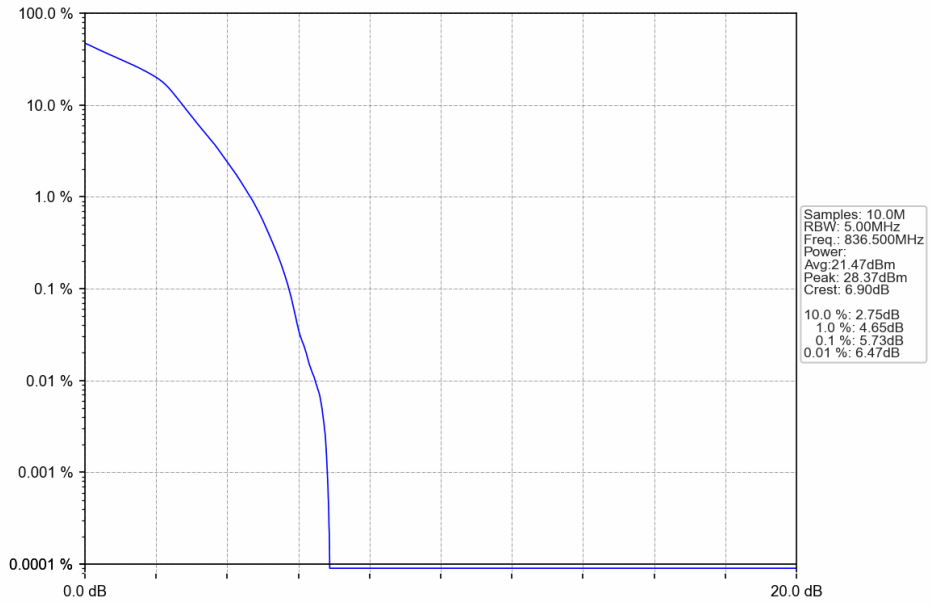
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



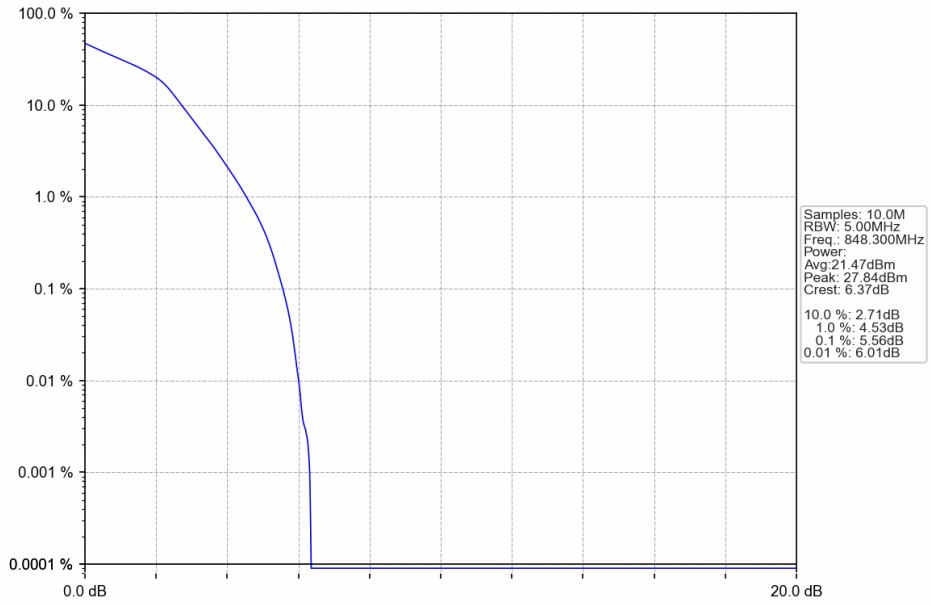
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



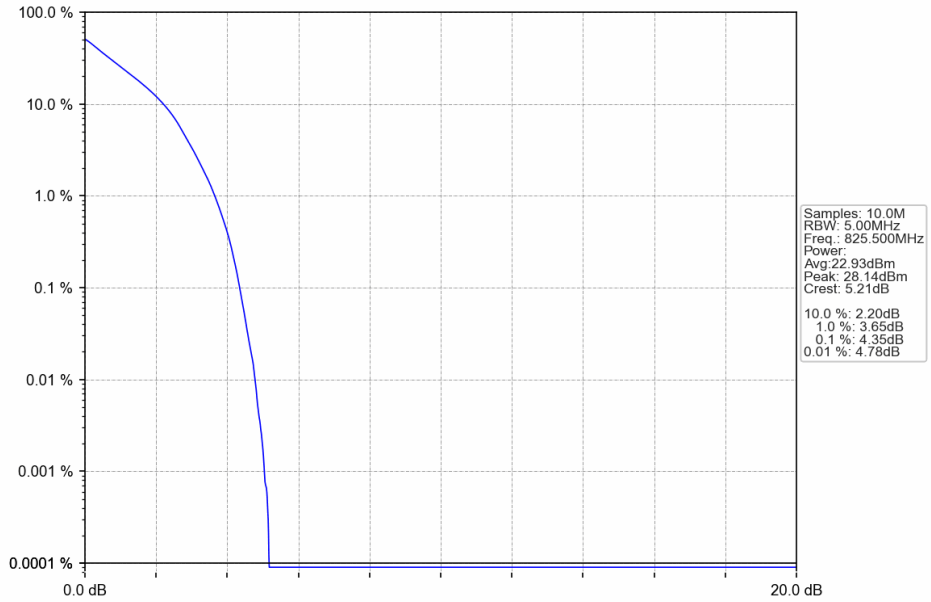
5.2 B5_3MHz

5.2.1 Test Result

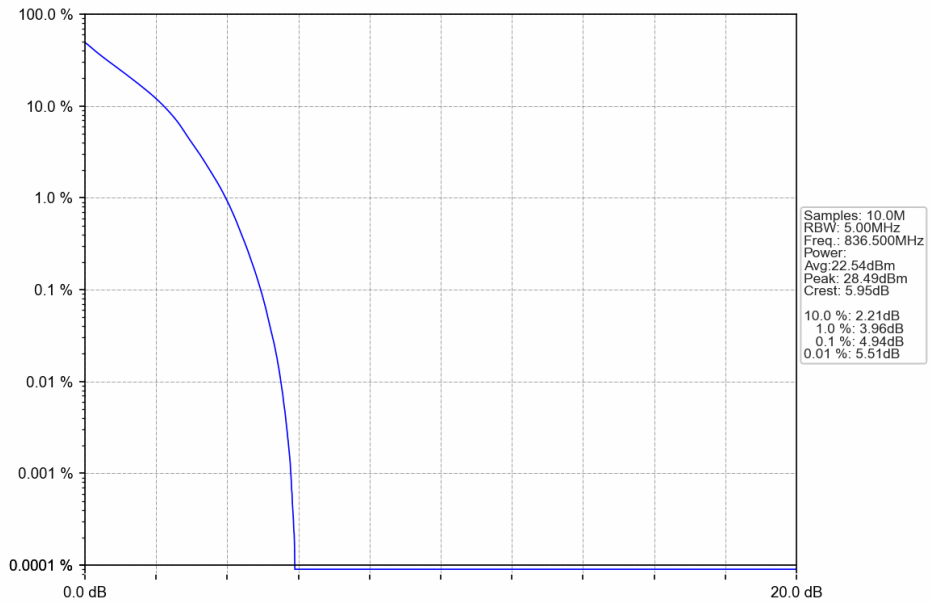
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.35	<=13	Pass
	836.5	15	0	4.94	<=13	Pass
	847.5	15	0	4.86	<=13	Pass
16QAM	825.5	15	0	5.18	<=13	Pass
	836.5	15	0	5.76	<=13	Pass
	847.5	15	0	5.66	<=13	Pass

5.2.2 Test Graph

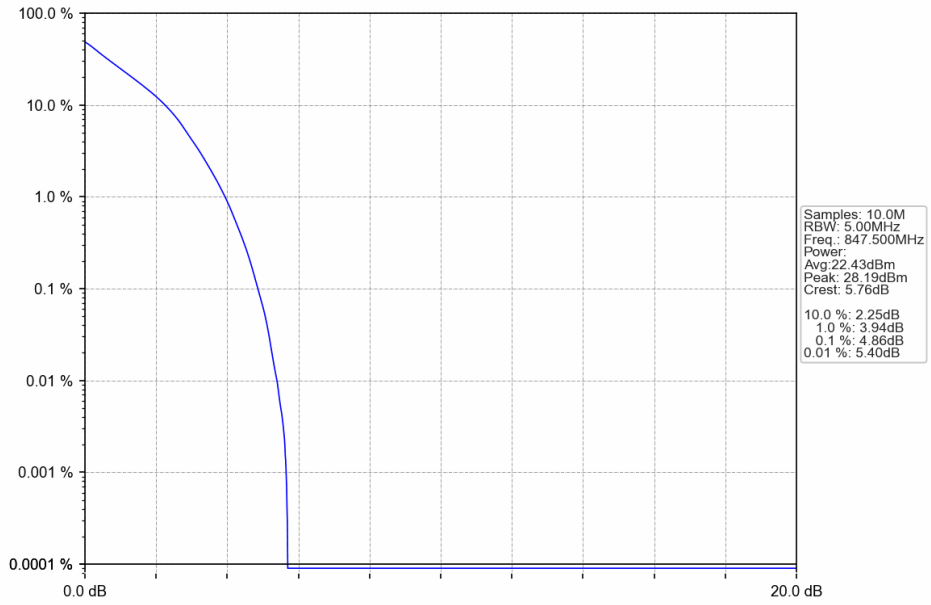
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



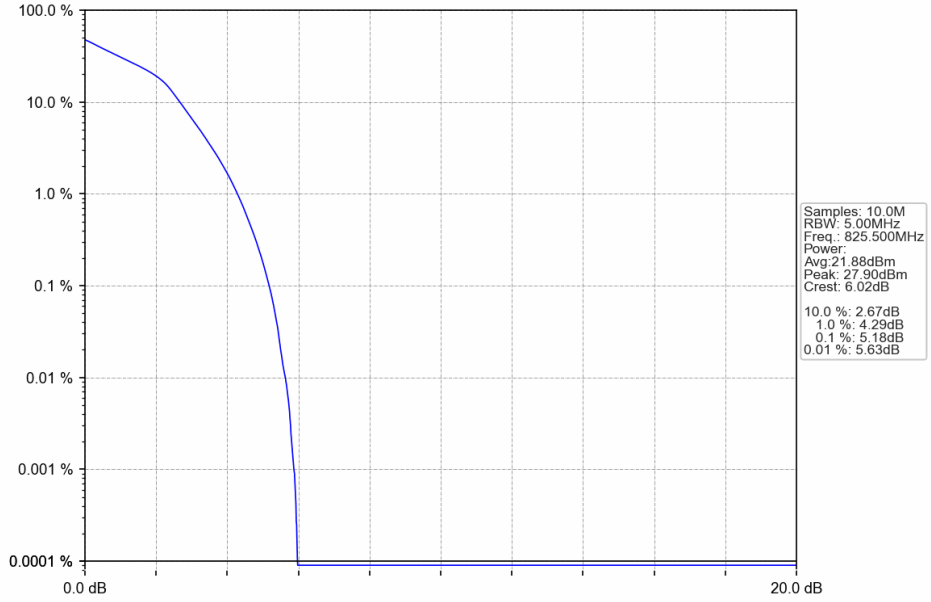
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



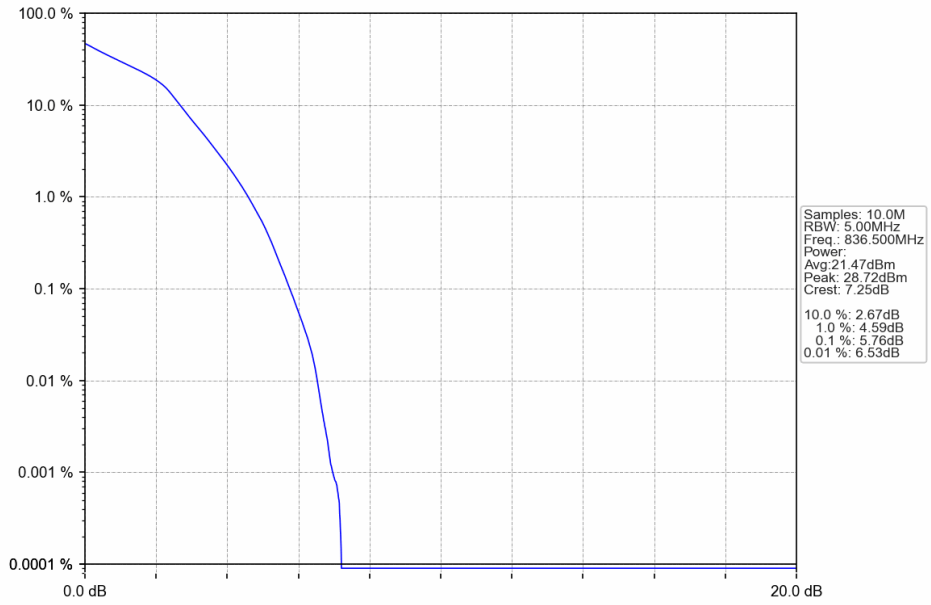
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



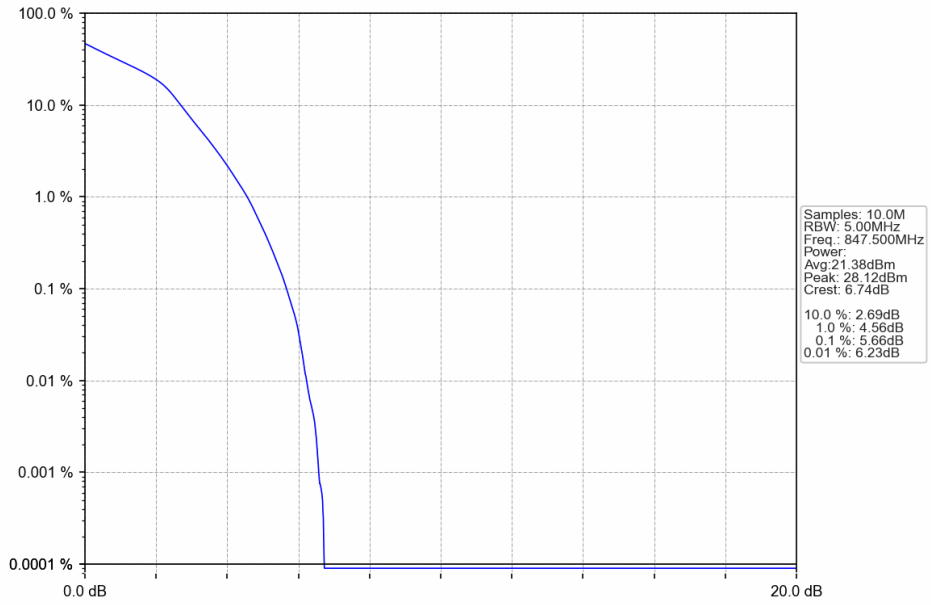
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



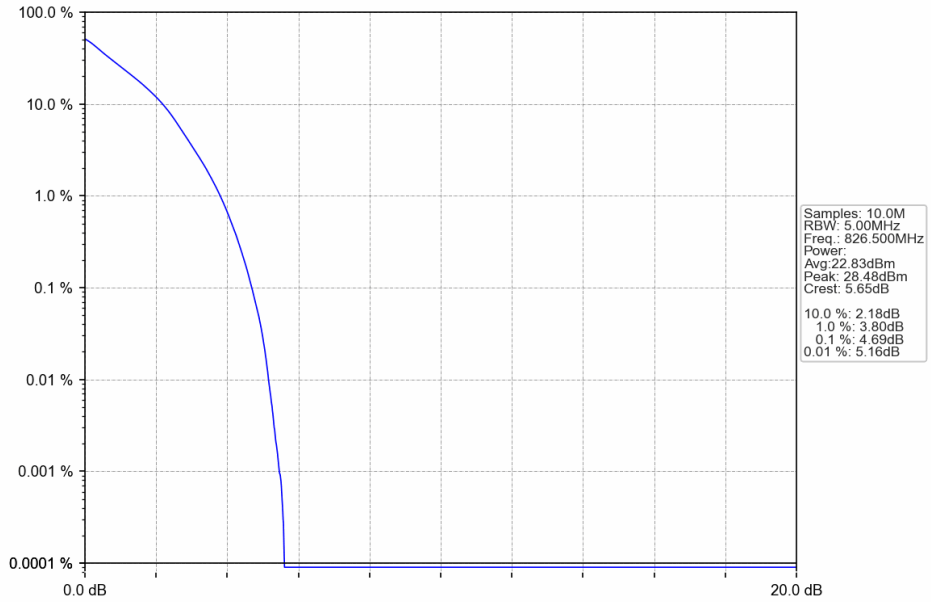
5.3 B5_5MHz

5.3.1 Test Result

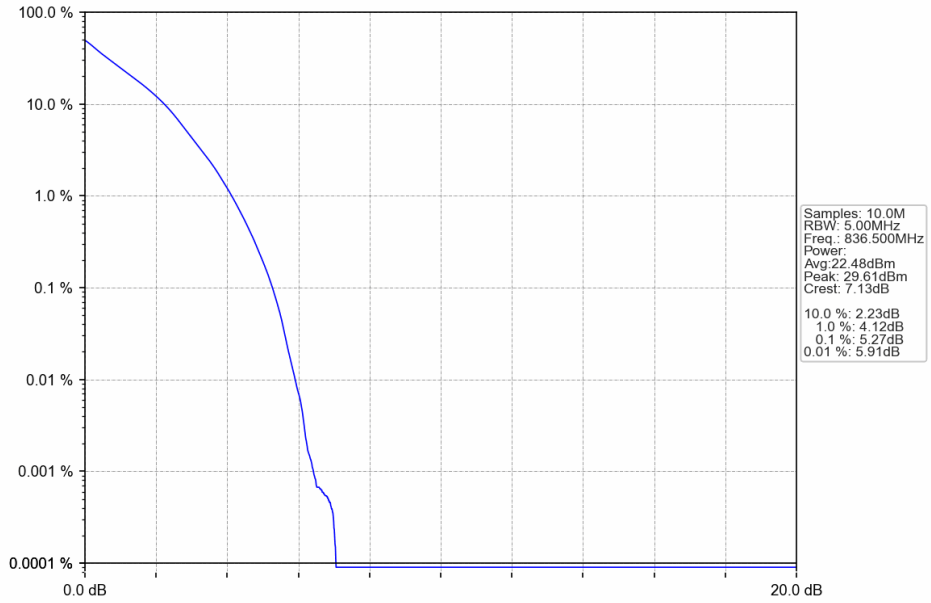
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.69	<=13	Pass
	836.5	25	0	5.27	<=13	Pass
	846.5	25	0	5.16	<=13	Pass
16QAM	826.5	25	0	5.41	<=13	Pass
	836.5	25	0	5.89	<=13	Pass
	846.5	25	0	5.78	<=13	Pass

5.3.2 Test Graph

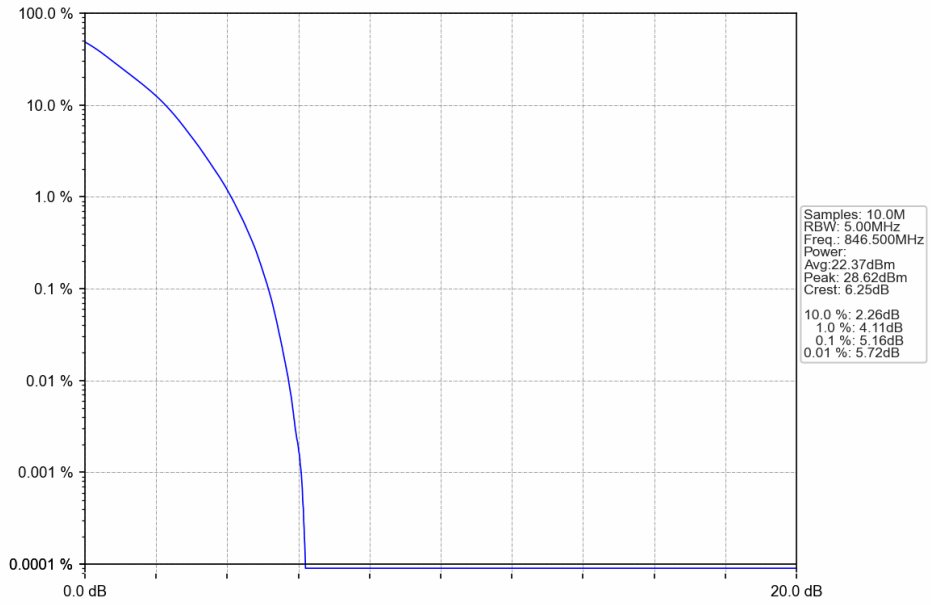
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



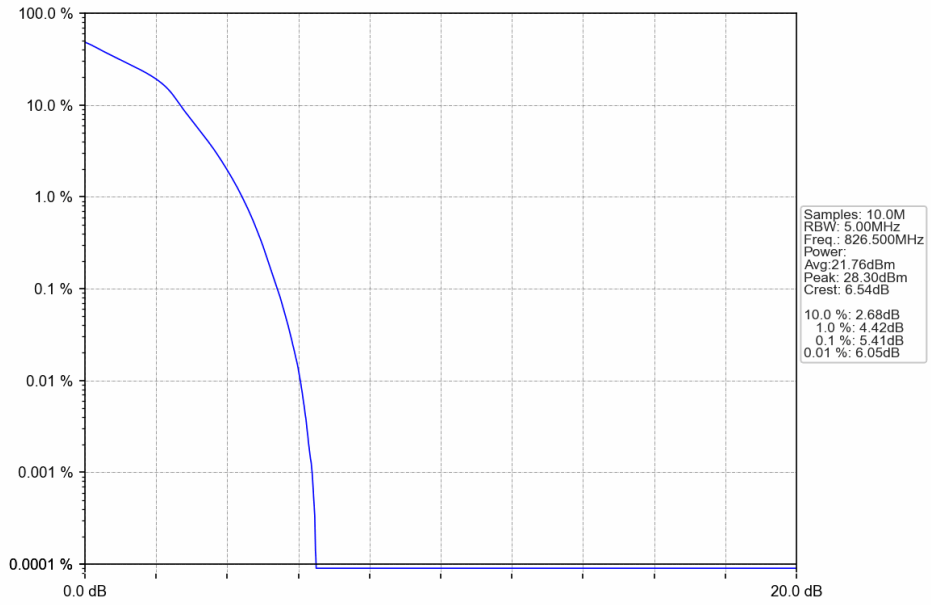
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



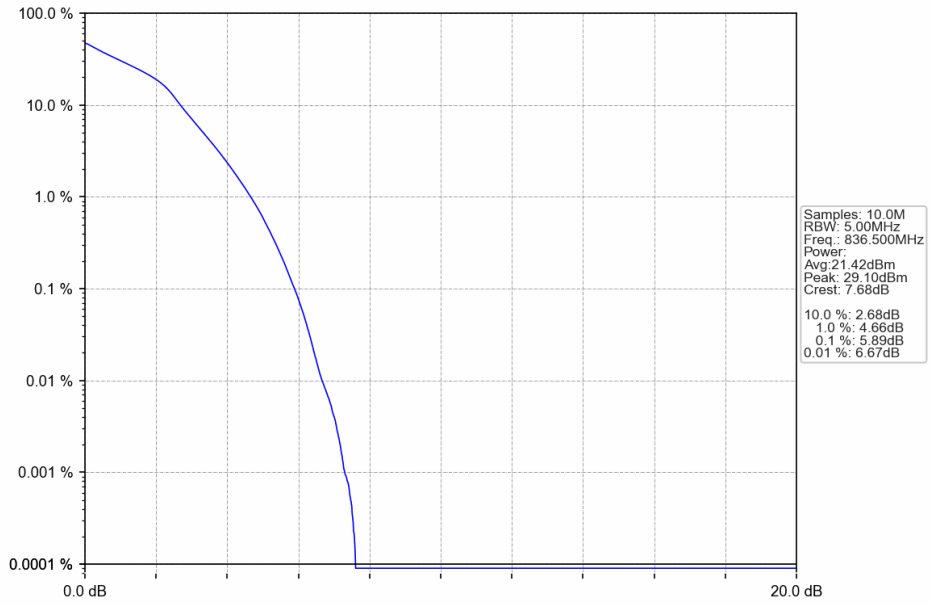
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



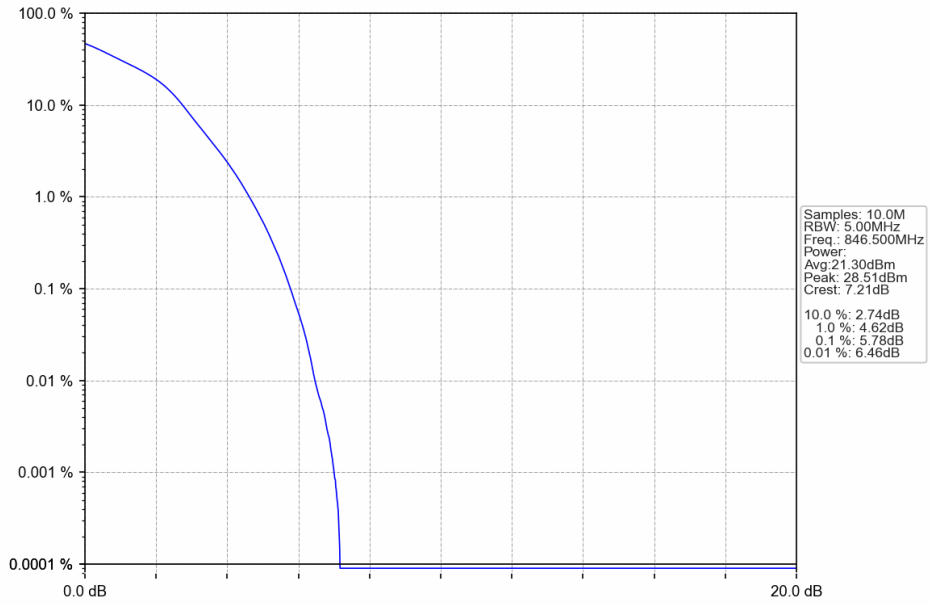
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



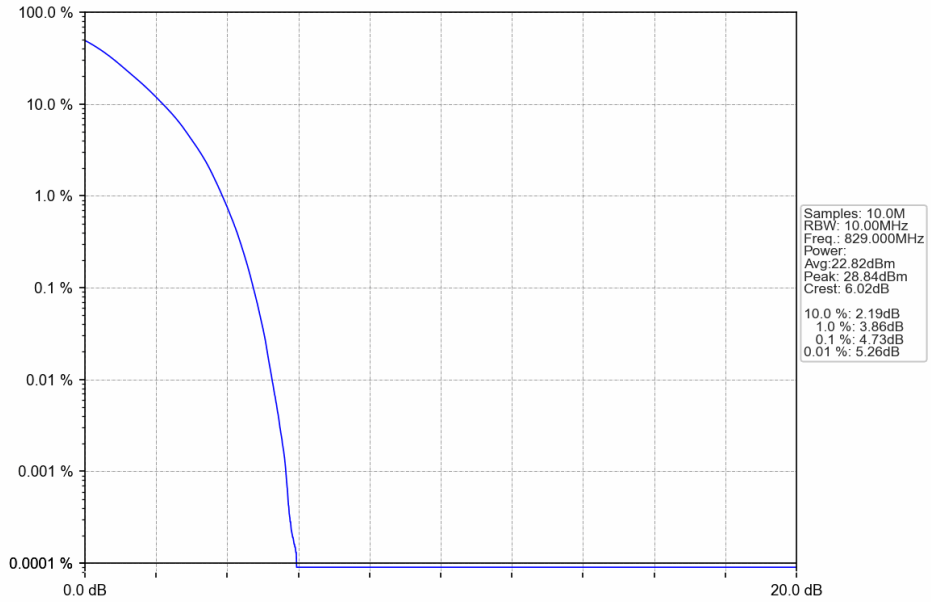
5.4 B5_10MHz

5.4.1 Test Result

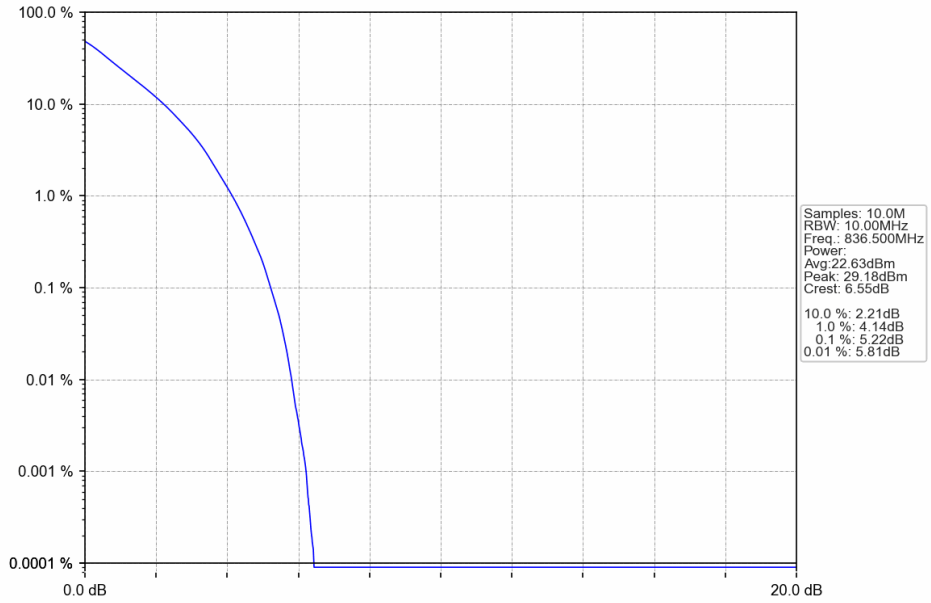
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.73	<=13	Pass
	836.5	50	0	5.22	<=13	Pass
	844	50	0	5.09	<=13	Pass
16QAM	829	50	0	5.48	<=13	Pass
	836.5	50	0	5.91	<=13	Pass
	844	50	0	5.80	<=13	Pass

5.4.2 Test Graph

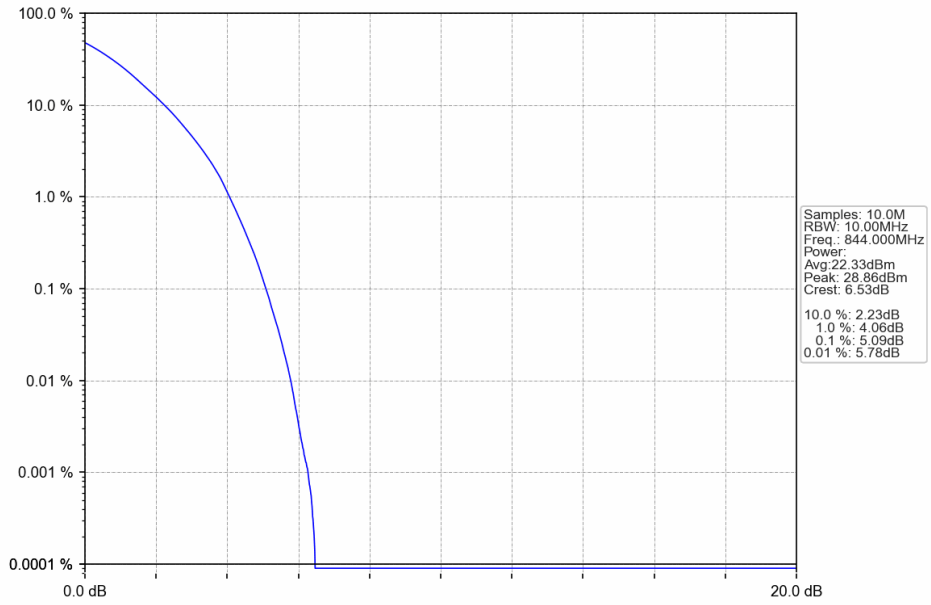
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



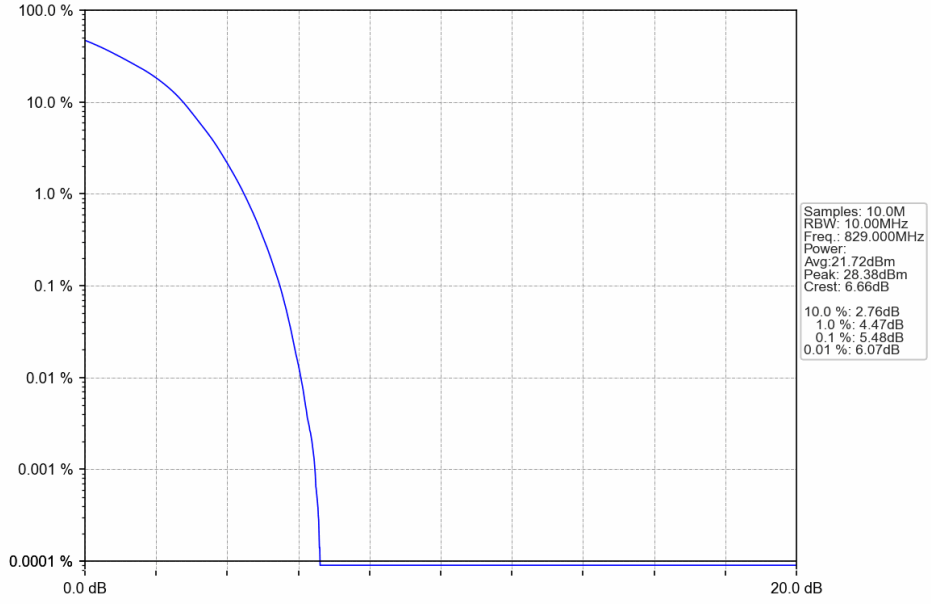
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



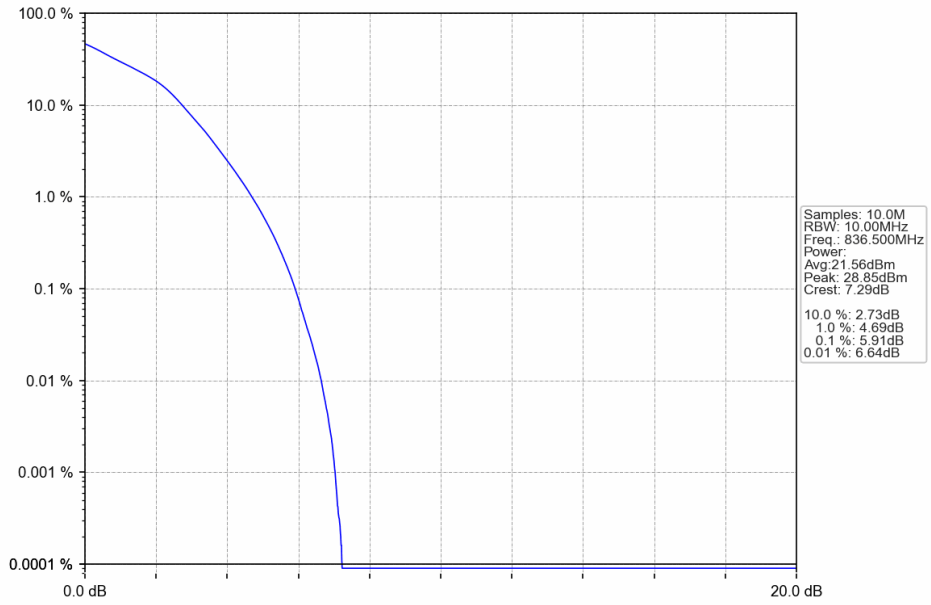
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



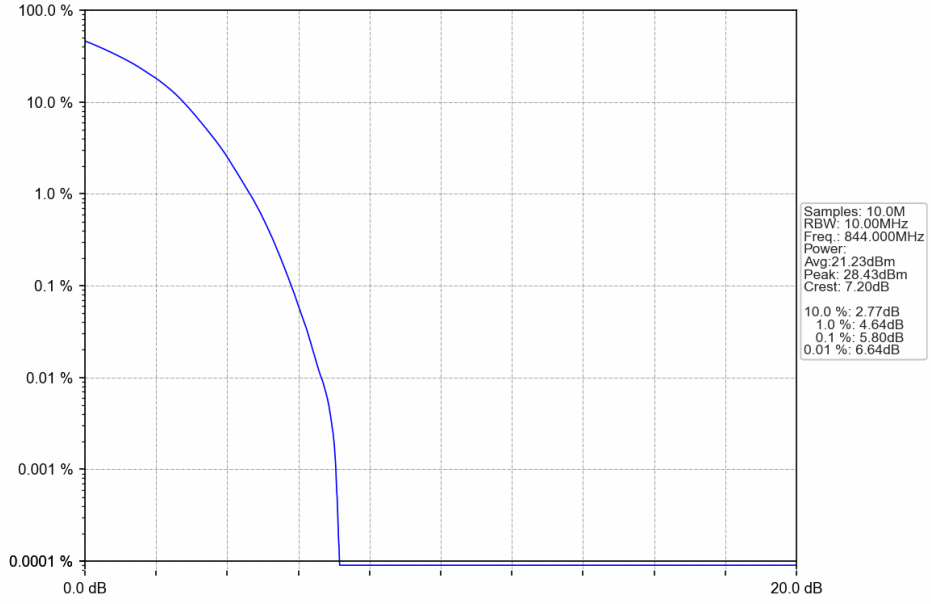
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

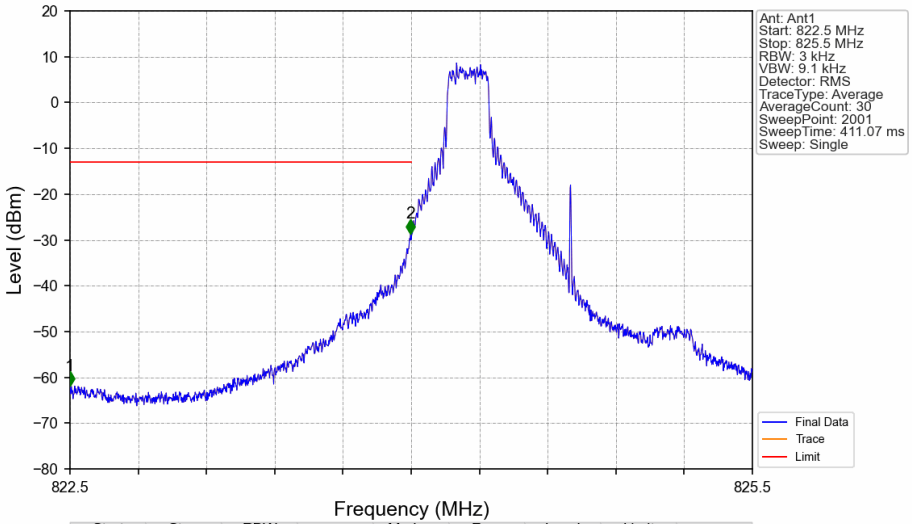
6.1 B5_1.4MHz

6.1.1 Test Result

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

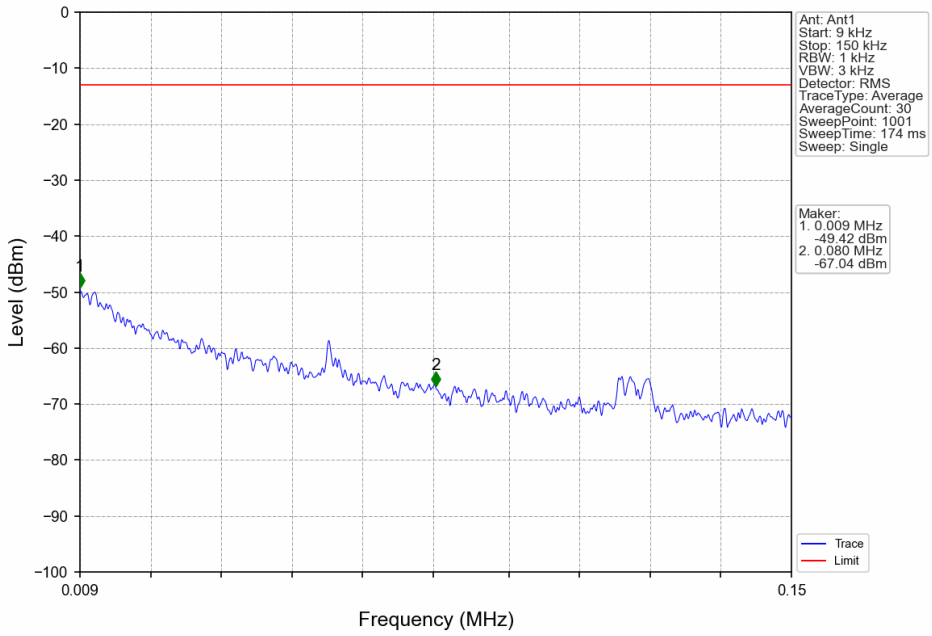
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

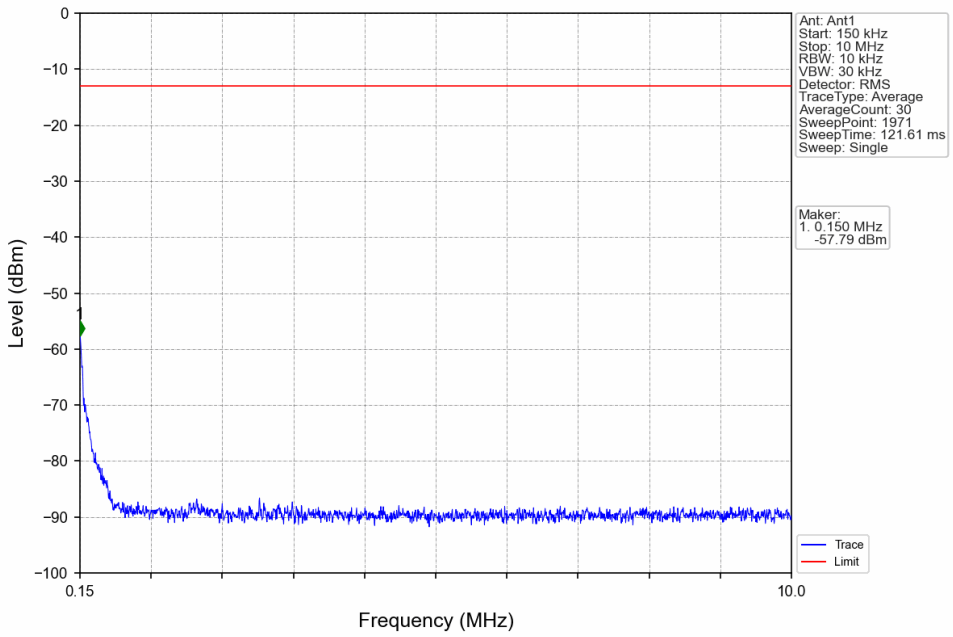


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.500	-61.84	-13	Pass
823	824	0.003	/	2	823.997	-28.60	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

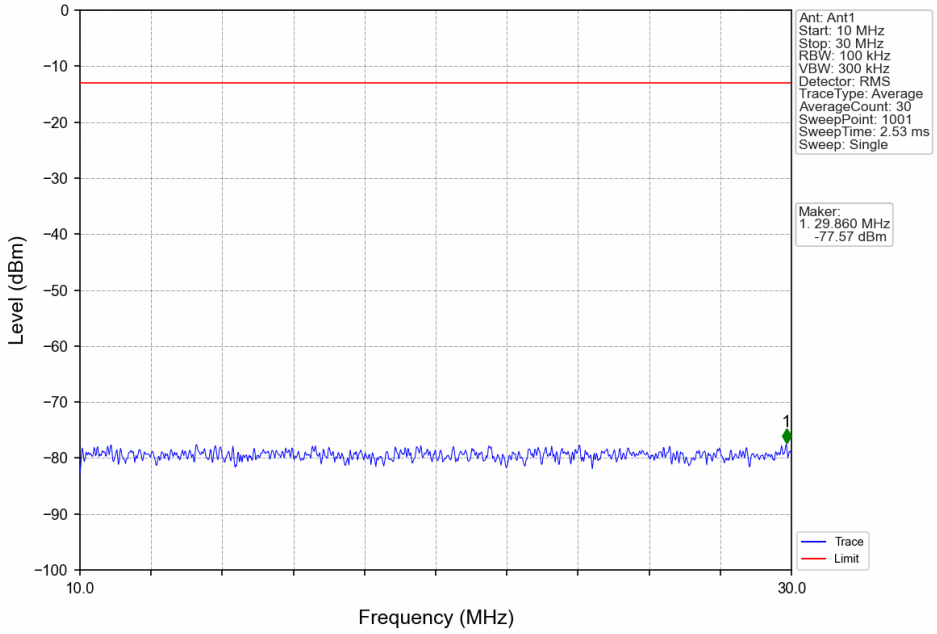
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



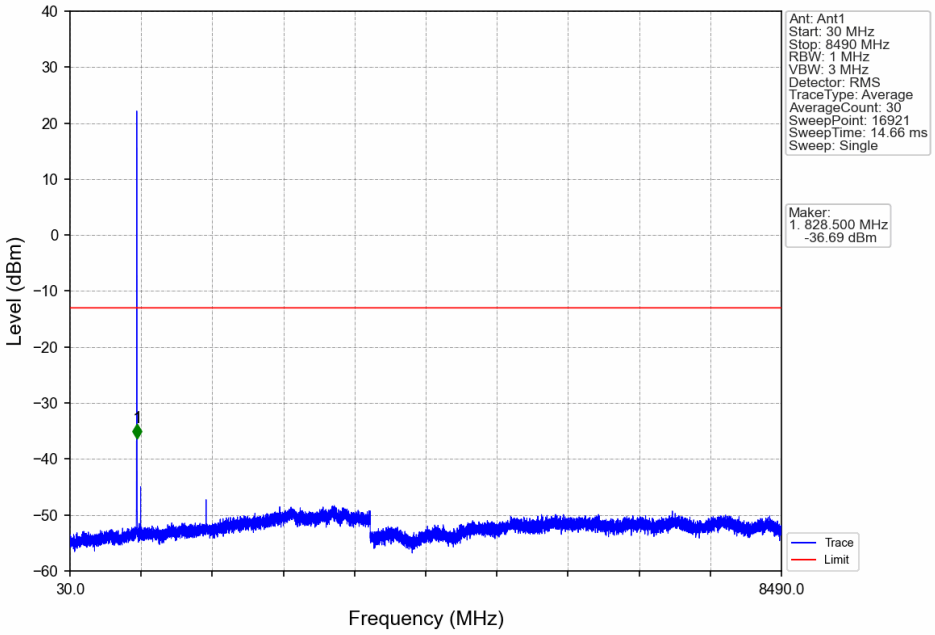
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



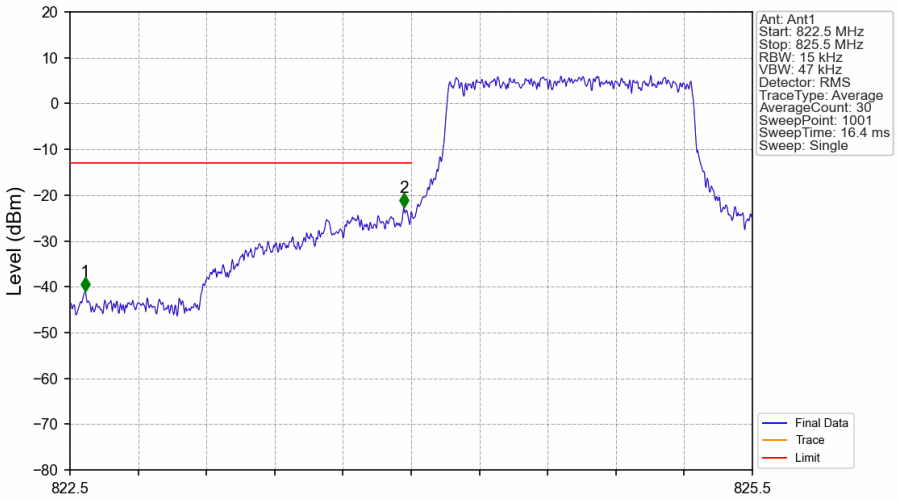
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

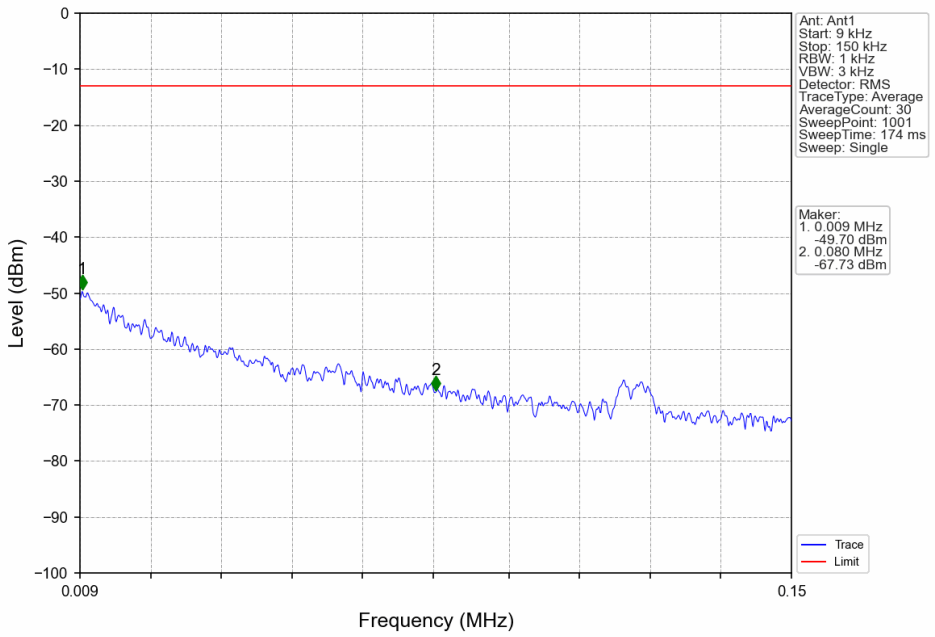


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

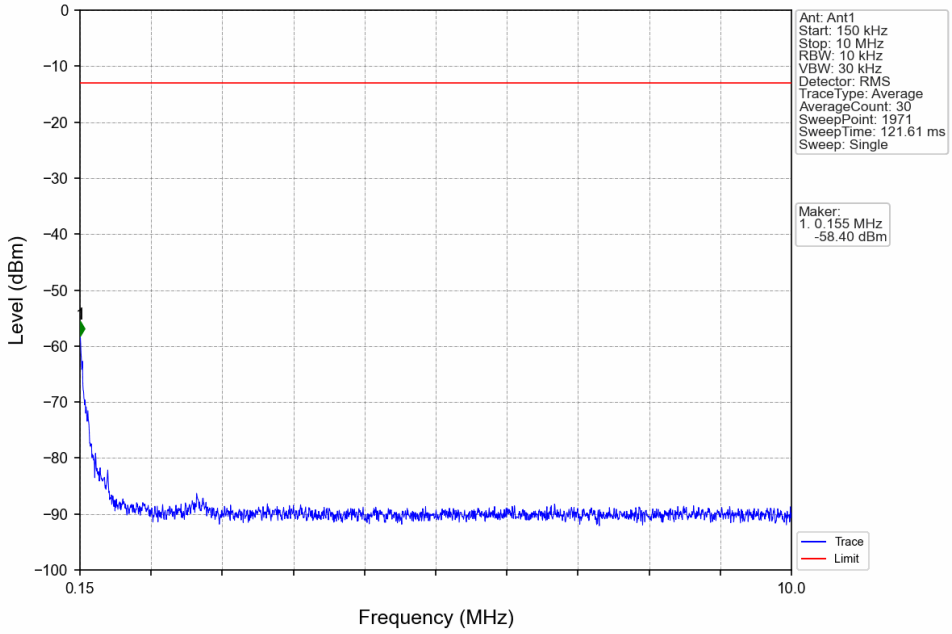


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.566	-41.09	-13	Pass
823	824	0.015	/	2	823.967	-22.74	-13	Pass
824	825.5	0.015	/	/	/	/	/	/

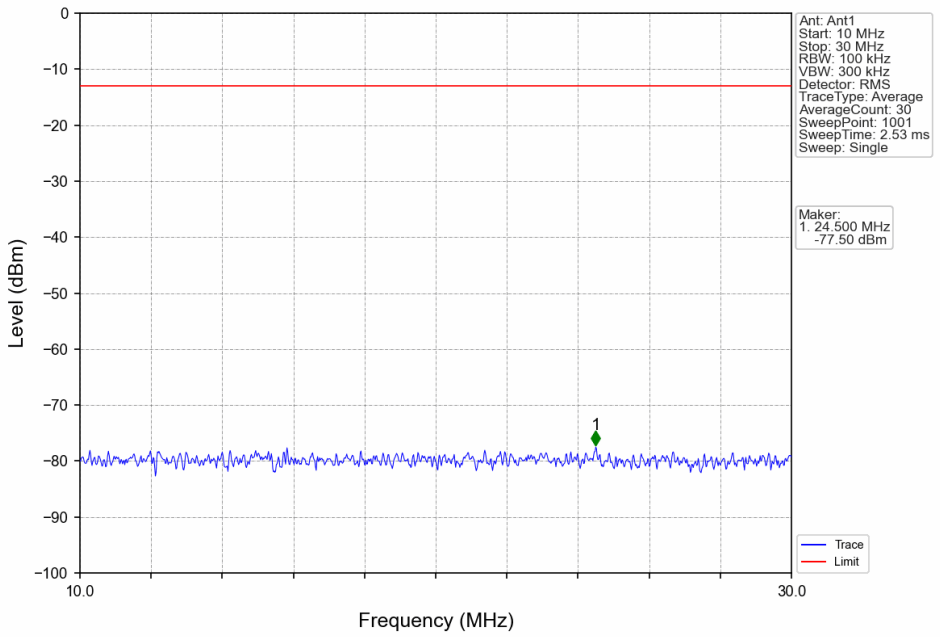
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



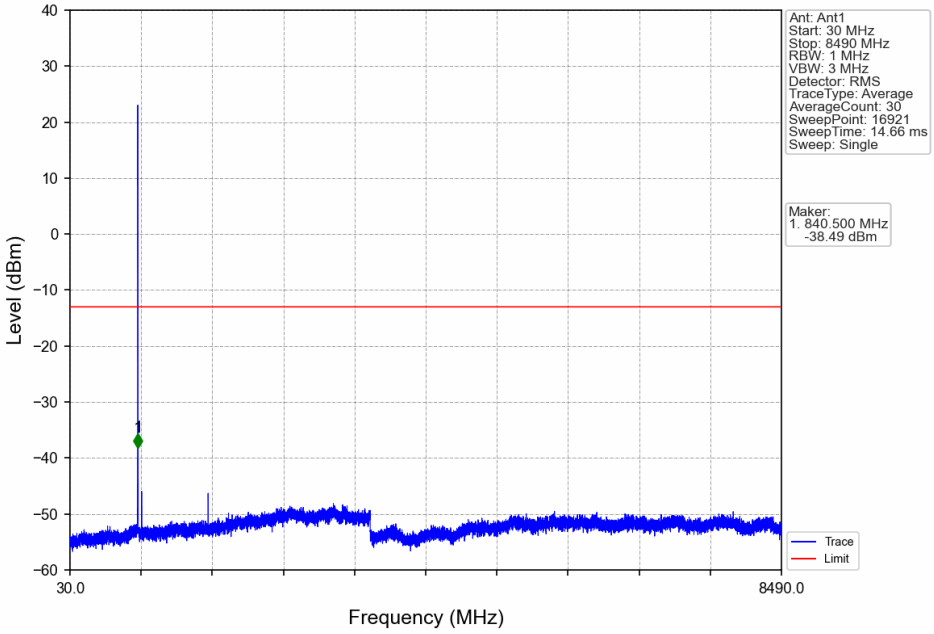
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



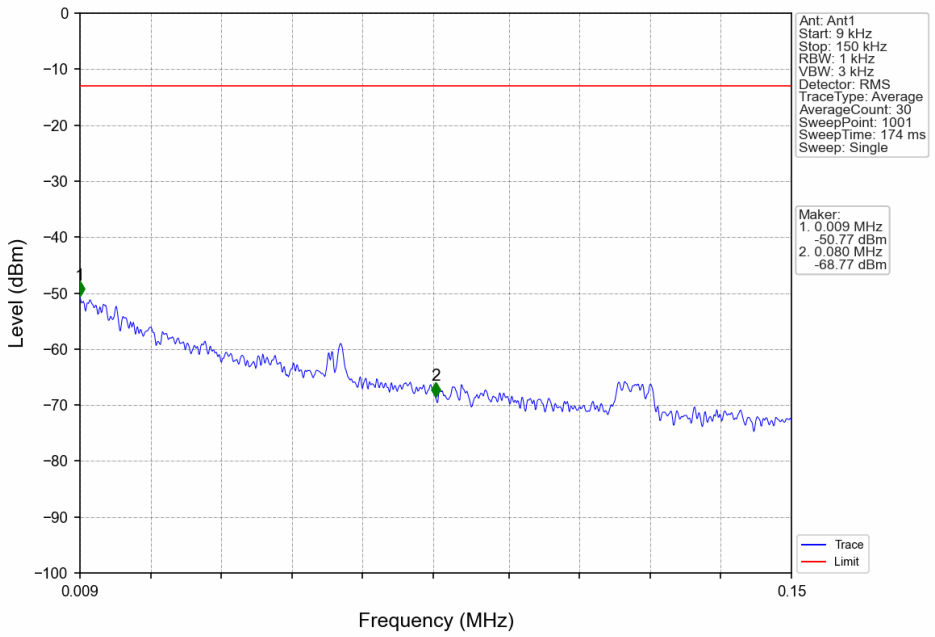
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



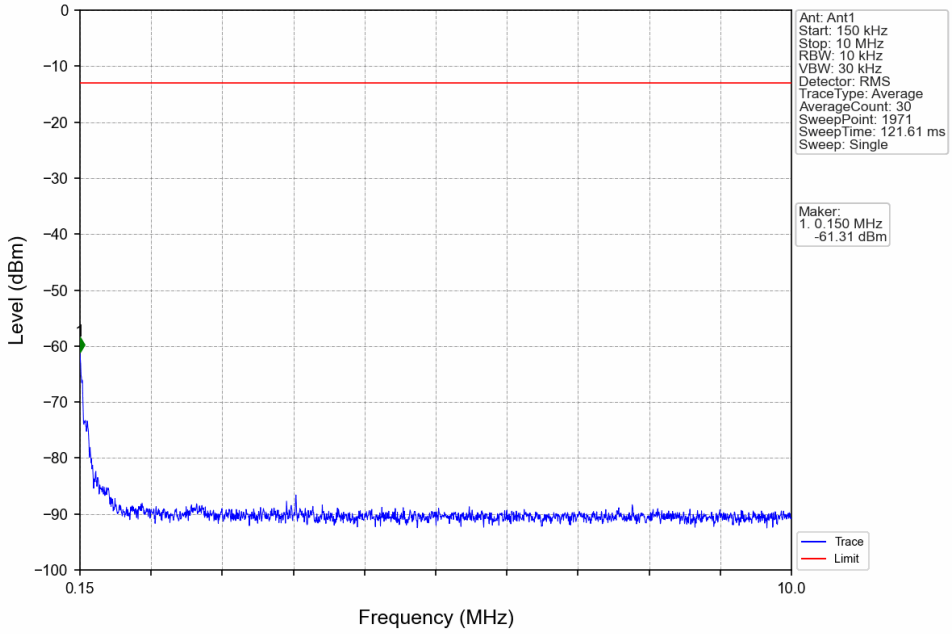
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



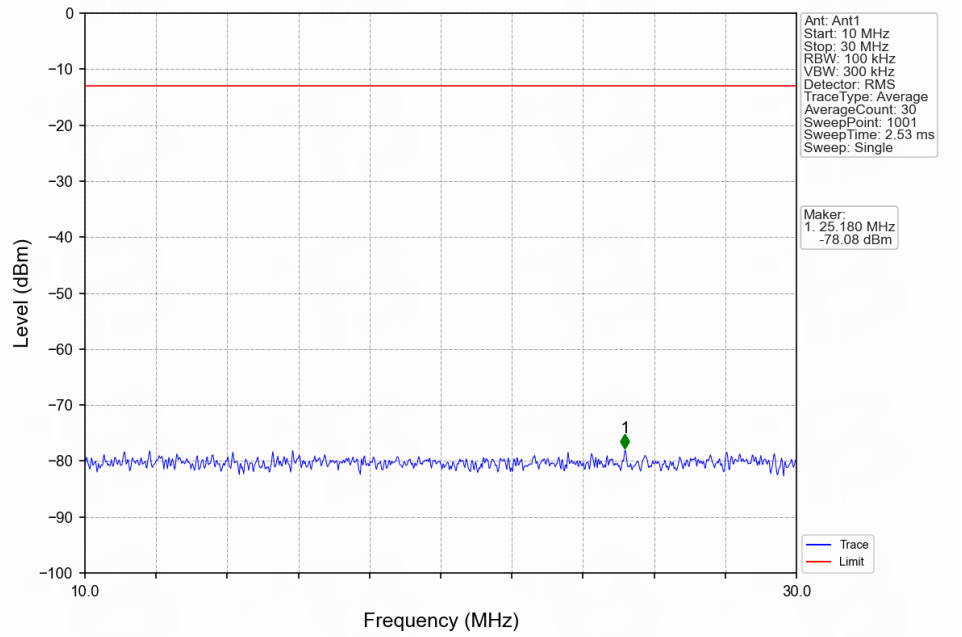
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



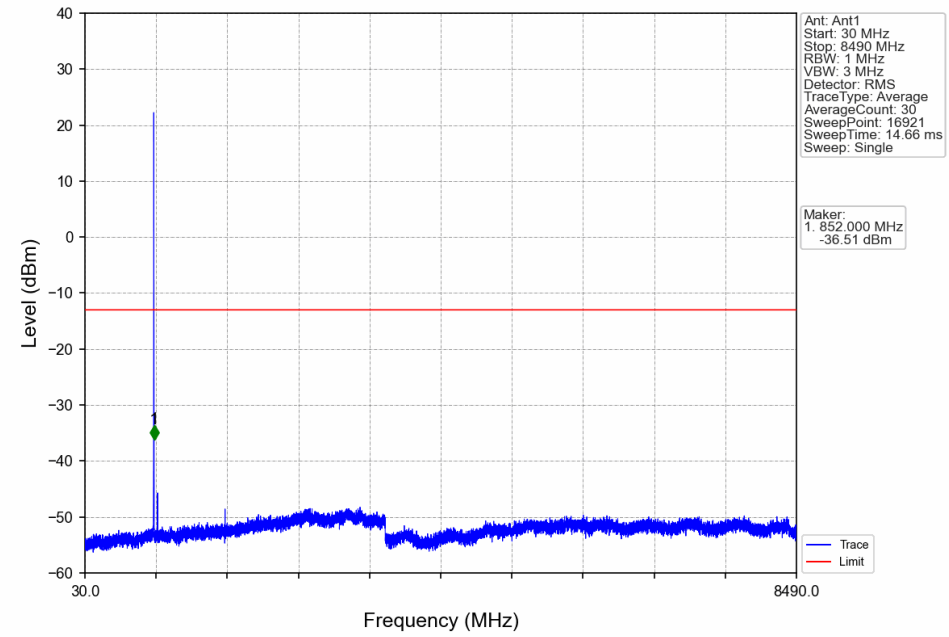
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



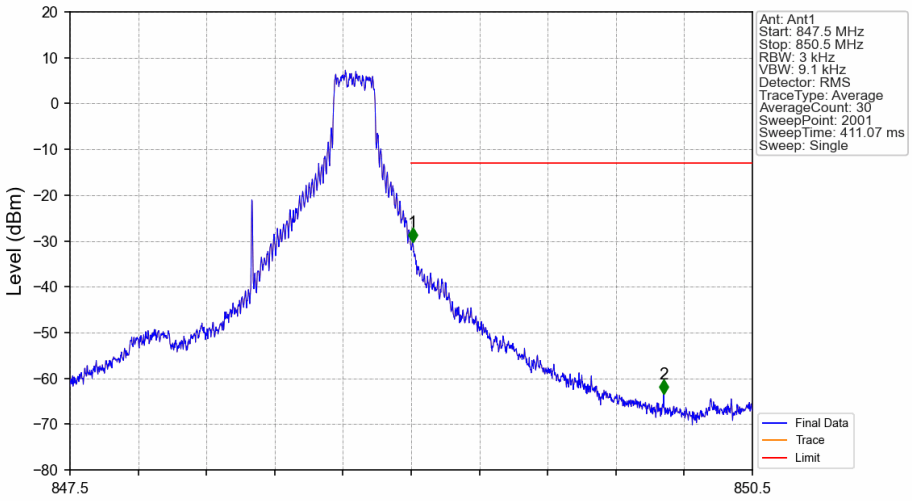
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

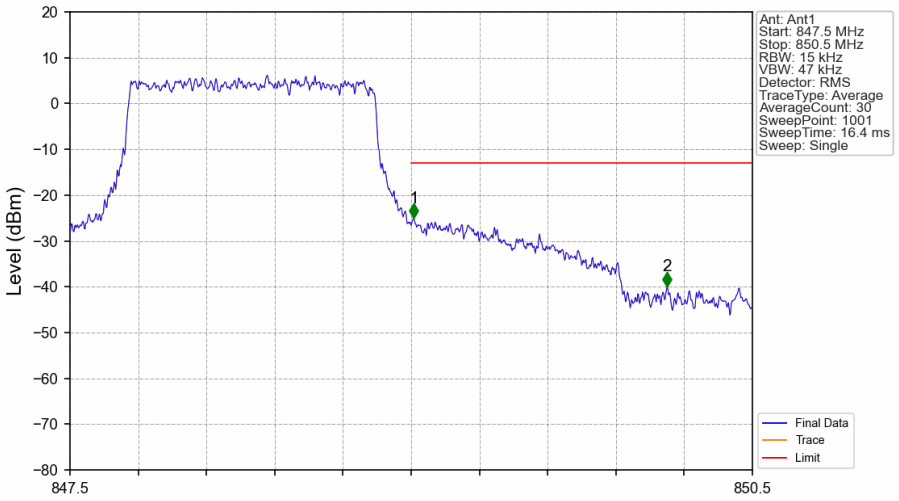


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



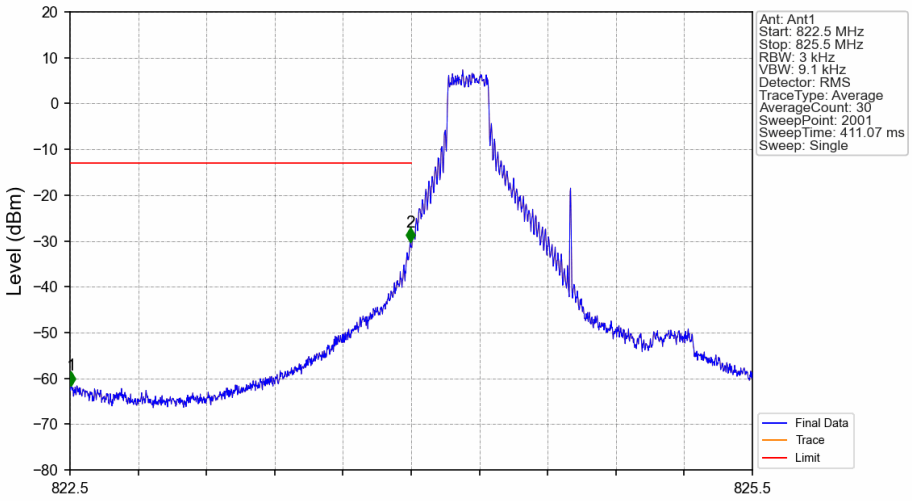
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-30.23	-13	Pass
850	850.5	0.1	/	2	850.110	-63.46	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



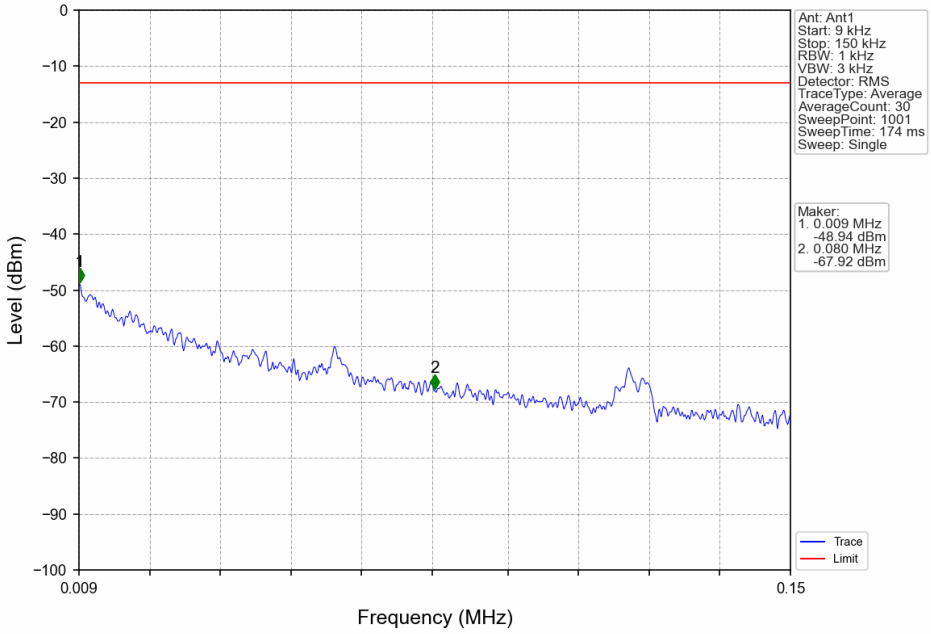
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.015	/	/	/	/	/	/
849	850	0.015	/	1	849.012	-25.01	-13	Pass
850	850.5	0.1	/	2	850.125	-39.88	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

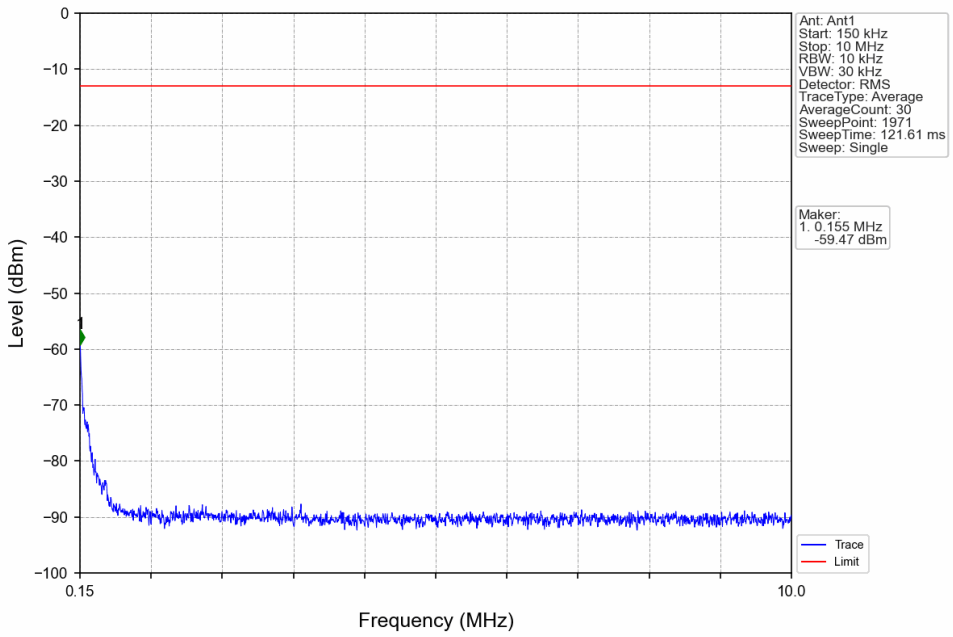


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.505	-61.58	-13	Pass
823	824	0.003	/	2	823.995	-30.29	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

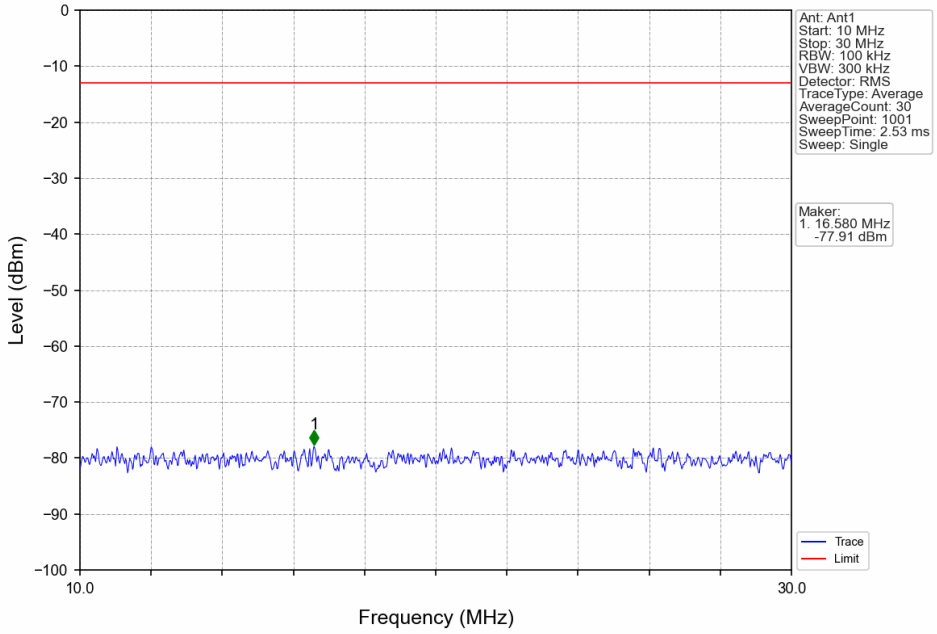
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



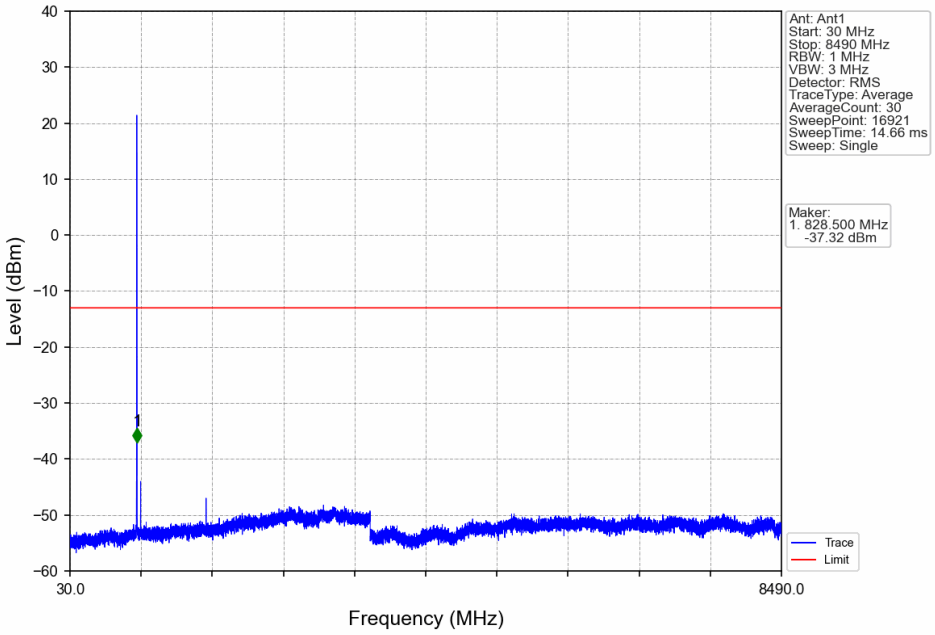
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



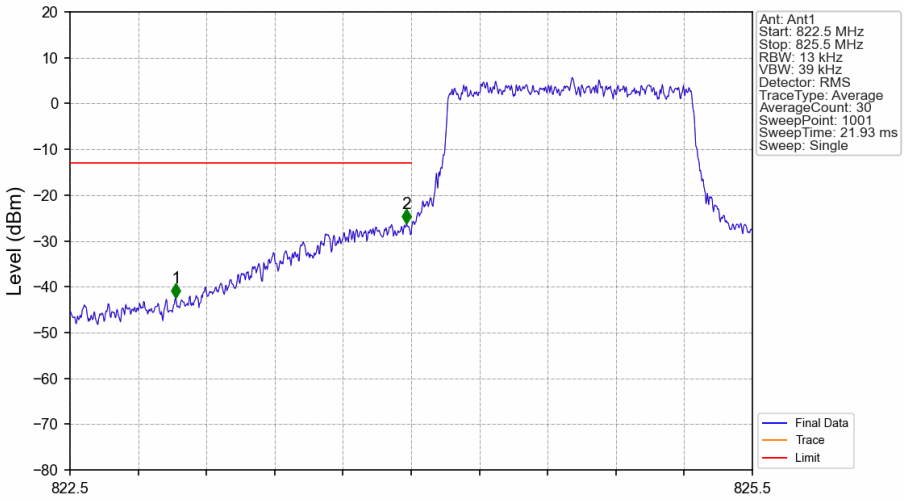
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

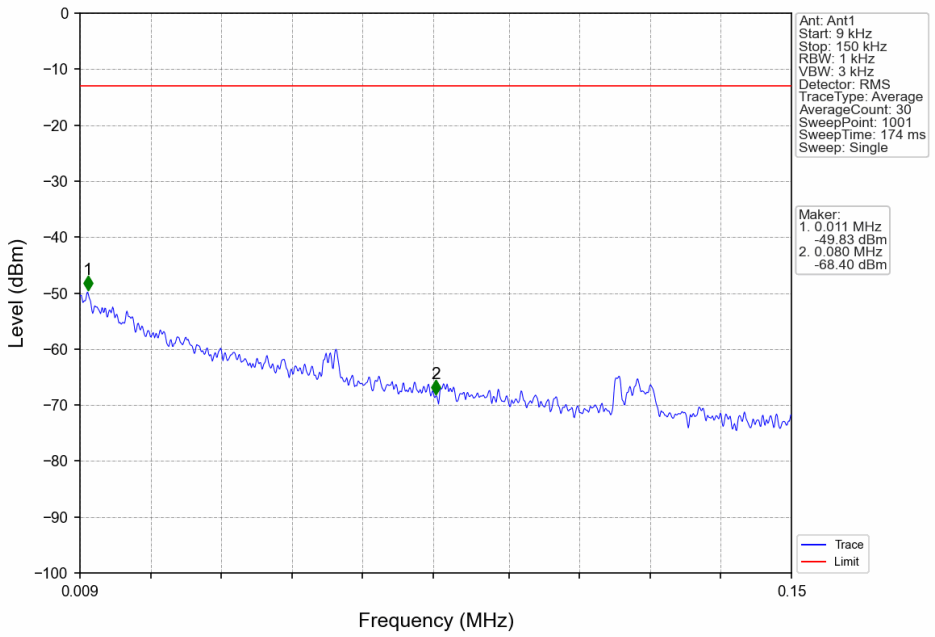


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

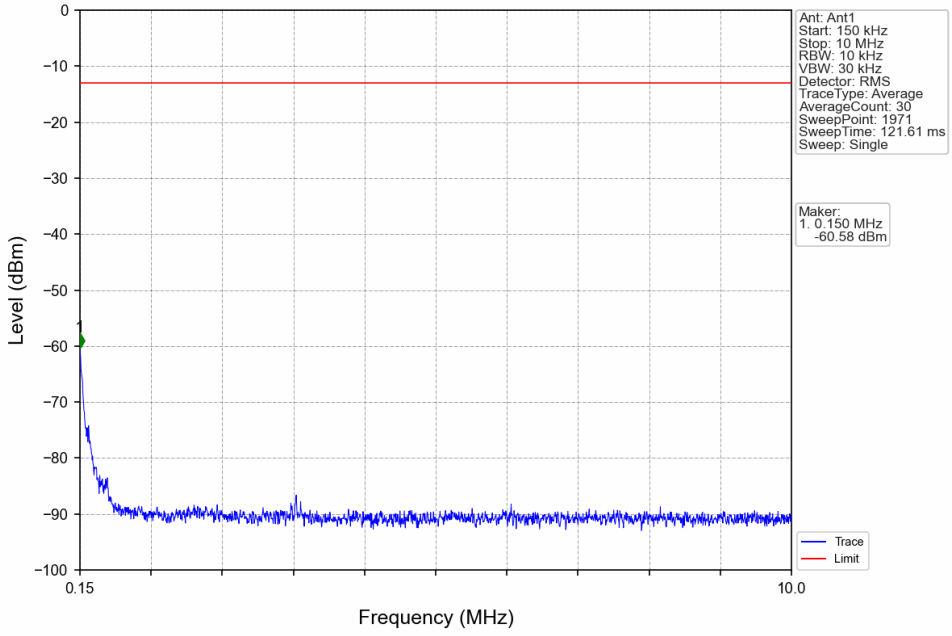


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.965	-42.43	-13	Pass
823	824	0.013	/	2	823.979	-26.24	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

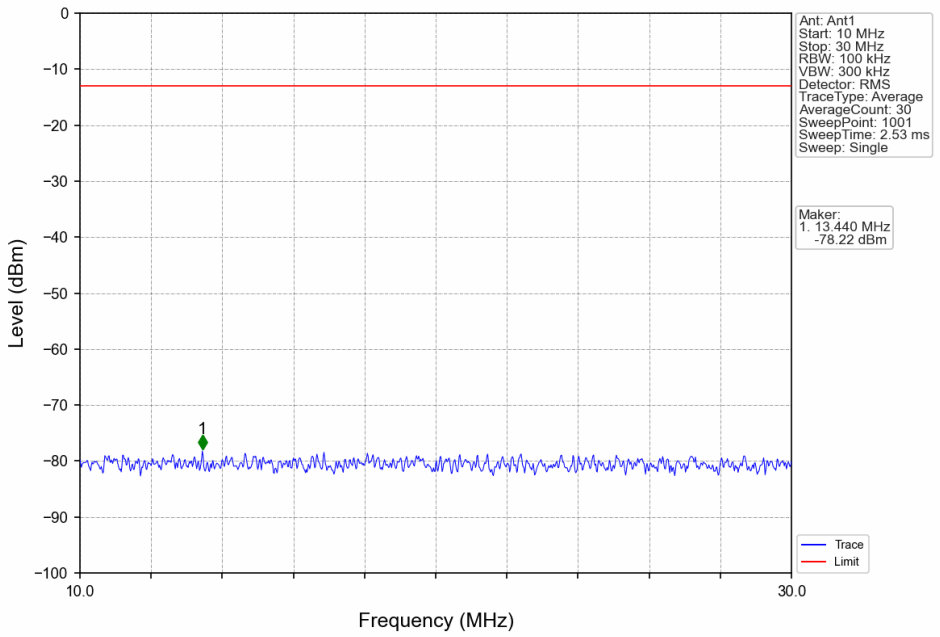
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



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