1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	21.31	0.00	19.16	<=38.45	Pass
			2	21.48	0.00	19.33	<=38.45	Pass
			5	21.34	0.00	19.19	<=38.45	Pass
		3	0	21.42	0.00	19.27	<=38.45	Pass
			2	21.47	0.00	19.32	<=38.45	Pass
			3	21.44	0.00	19.29	<=38.45	Pass
		6	0	20.39	0.00	18.24	<=38.45	Pass
	836.5	1	0	21.29	0.00	19.14	<=38.45	Pass
			2	21.39	0.00	19.24	<=38.45	Pass
			5	21.28	0.00	19.13	<=38.45	Pass
		3	0	21.42	0.00	19.27	<=38.45	Pass
			2	21.44	0.00	19.29	<=38.45	Pass
			3	21.41	0.00	19.26	<=38.45	Pass
		6	0	20.40	0.00	18.25	<=38.45	Pass
	848.3	1	0	21.23	0.00	19.08	<=38.45	Pass
			2	21.35	0.00	19.20	<=38.45	Pass
			5	21.22	0.00	19.07	<=38.45	Pass
		3	0	21.40	0.00	19.25	<=38.45	Pass
			2	21.42	0.00	19.27	<=38.45	Pass
			3	21.39	0.00	19.24	<=38.45	Pass
		6	0	20.37	0.00	18.22	<=38.45	Pass
16QAM	824.7	1	0	20.39	0.00	18.24	<=38.45	Pass
			2	20.50	0.00	18.35	<=38.45	Pass
			5	20.44	0.00	18.29	<=38.45	Pass
		3	0	20.57	0.00	18.42	<=38.45	Pass
			2	20.58	0.00	18.43	<=38.45	Pass
			3	20.56	0.00	18.41	<=38.45	Pass
		6	0	19.35	0.00	17.20	<=38.45	Pass
	836.5	1	0	20.51	0.00	18.36	<=38.45	Pass
			2	20.60	0.00	18.45	<=38.45	Pass
			5	20.45	0.00	18.30	<=38.45	Pass
		3	0	20.41	0.00	18.26	<=38.45	Pass
			2	20.43	0.00	18.28	<=38.45	Pass
			3	20.42	0.00	18.27	<=38.45	Pass
		6	0	19.41	0.00	17.26	<=38.45	Pass
	848.3	1	0	20.31	0.00	18.16	<=38.45	Pass
			2	20.42	0.00	18.27	<=38.45	Pass
			5	20.32	0.00	18.17	<=38.45	Pass
		3	0	20.65	0.00	18.50	<=38.45	Pass
			2	20.66	0.00	18.51	<=38.45	Pass
			3	20.60	0.00	18.45	<=38.45	Pass
		6	0	19.39	0.00	17.24	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	21.33	0.00	19.18	<=38.45	Pass
			7	21.50	0.00	19.35	<=38.45	Pass
			14	21.33	0.00	19.18	<=38.45	Pass
		8	0	20.43	0.00	18.28	<=38.45	Pass
			4	20.44	0.00	18.29	<=38.45	Pass
			7	20.42	0.00	18.27	<=38.45	Pass
		15	0	20.41	0.00	18.26	<=38.45	Pass
	836.5	1	0	21.40	0.00	19.25	<=38.45	Pass
			7	21.51	0.00	19.36	<=38.45	Pass
			14	21.31	0.00	19.16	<=38.45	Pass
		8	0	20.42	0.00	18.27	<=38.45	Pass
			4	20.43	0.00	18.28	<=38.45	Pass
			7	20.36	0.00	18.21	<=38.45	Pass
		15	0	20.32	0.00	18.17	<=38.45	Pass
	847.5	1	0	21.38	0.00	19.23	<=38.45	Pass
			7	21.44	0.00	19.29	<=38.45	Pass
			14	21.29	0.00	19.14	<=38.45	Pass
		8	0	20.37	0.00	18.22	<=38.45	Pass
			4	20.43	0.00	18.28	<=38.45	Pass
			7	20.36	0.00	18.21	<=38.45	Pass
		15	0	20.39	0.00	18.24	<=38.45	Pass
16QAM	825.5	1	0	20.94	0.00	18.79	<=38.45	Pass
			7	21.13	0.00	18.98	<=38.45	Pass
			14	21.00	0.00	18.85	<=38.45	Pass
		8	0	19.62	0.00	17.47	<=38.45	Pass
			4	19.65	0.00	17.50	<=38.45	Pass
			7	19.60	0.00	17.45	<=38.45	Pass
		15	0	19.53	0.00	17.38	<=38.45	Pass
	836.5	1	0	20.44	0.00	18.29	<=38.45	Pass
			7	20.56	0.00	18.41	<=38.45	Pass
			14	20.31	0.00	18.16	<=38.45	Pass
		8	0	19.49	0.00	17.34	<=38.45	Pass
			4	19.49	0.00	17.34	<=38.45	Pass
			7	19.42	0.00	17.27	<=38.45	Pass
		15	0	19.43	0.00	17.28	<=38.45	Pass
	847.5	1	0	20.54	0.00	18.39	<=38.45	Pass
			7	20.67	0.00	18.52	<=38.45	Pass
			14	20.51	0.00	18.36	<=38.45	Pass
		8	0	19.38	0.00	17.23	<=38.45	Pass
			4	19.40	0.00	17.25	<=38.45	Pass
			7	19.35	0.00	17.20	<=38.45	Pass
		15	0	19.38	0.00	17.23	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	21.28	0.00	19.13	<=38.45	Pass
			13	21.41	0.00	19.26	<=38.45	Pass
			24	21.28	0.00	19.13	<=38.45	Pass
		12	0	20.42	0.00	18.27	<=38.45	Pass
			6	20.49	0.00	18.34	<=38.45	Pass
			13	20.43	0.00	18.28	<=38.45	Pass
		25	0	20.41	0.00	18.26	<=38.45	Pass
	836.5	1	0	21.30	0.00	19.15	<=38.45	Pass
			13	21.37	0.00	19.22	<=38.45	Pass
			24	21.24	0.00	19.09	<=38.45	Pass
		12	0	20.42	0.00	18.27	<=38.45	Pass
			6	20.43	0.00	18.28	<=38.45	Pass
			13	20.25	0.00	18.10	<=38.45	Pass
		25	0	20.32	0.00	18.17	<=38.45	Pass
	846.5	1	0	21.35	0.00	19.20	<=38.45	Pass
			13	21.47	0.00	19.32	<=38.45	Pass
			24	21.26	0.00	19.11	<=38.45	Pass
		12	0	20.37	0.00	18.22	<=38.45	Pass
			6	20.43	0.00	18.28	<=38.45	Pass
			13	20.39	0.00	18.24	<=38.45	Pass
		25	0	20.34	0.00	18.19	<=38.45	Pass
16QAM	826.5	1	0	20.57	0.00	18.42	<=38.45	Pass
			13	20.76	0.00	18.61	<=38.45	Pass
			24	20.67	0.00	18.52	<=38.45	Pass
		12	0	19.45	0.00	17.30	<=38.45	Pass
			6	19.54	0.00	17.39	<=38.45	Pass
			13	19.45	0.00	17.30	<=38.45	Pass
		25	0	19.45	0.00	17.30	<=38.45	Pass
	836.5	1	0	20.26	0.00	18.11	<=38.45	Pass
			13	20.25	0.00	18.10	<=38.45	Pass
			24	20.15	0.00	18.00	<=38.45	Pass
		12	0	19.39	0.00	17.24	<=38.45	Pass
			6	19.43	0.00	17.28	<=38.45	Pass
			13	19.30	0.00	17.15	<=38.45	Pass
		25	0	19.42	0.00	17.27	<=38.45	Pass
	846.5	1	0	20.49	0.00	18.34	<=38.45	Pass
			13	20.54	0.00	18.39	<=38.45	Pass
			24	20.39	0.00	18.24	<=38.45	Pass
		12	0	19.37	0.00	17.22	<=38.45	Pass
			6	19.40	0.00	17.25	<=38.45	Pass
			13	19.39	0.00	17.24	<=38.45	Pass
		25	0	19.42	0.00	17.27	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	21.39	0.00	19.24	<=38.45	Pass
			25	21.57	0.00	19.42	<=38.45	Pass
			49	21.38	0.00	19.23	<=38.45	Pass
		25	0	20.49	0.00	18.34	<=38.45	Pass
			13	20.48	0.00	18.33	<=38.45	Pass
			25	20.49	0.00	18.34	<=38.45	Pass
		50	0	20.52	0.00	18.37	<=38.45	Pass
	836.5	1	0	21.44	0.00	19.29	<=38.45	Pass
			25	21.44	0.00	19.29	<=38.45	Pass
			49	21.33	0.00	19.18	<=38.45	Pass
		25	0	20.50	0.00	18.35	<=38.45	Pass
			13	20.43	0.00	18.28	<=38.45	Pass
			25	20.30	0.00	18.15	<=38.45	Pass
		50	0	20.35	0.00	18.20	<=38.45	Pass
	844	1	0	21.38	0.00	19.23	<=38.45	Pass
			25	21.49	0.00	19.34	<=38.45	Pass
			49	21.28	0.00	19.13	<=38.45	Pass
		25	0	20.58	0.00	18.43	<=38.45	Pass
			13	20.48	0.00	18.33	<=38.45	Pass
			25	20.56	0.00	18.41	<=38.45	Pass
		50	0	20.57	0.00	18.42	<=38.45	Pass
16QAM	829	1	0	20.49	0.00	18.34	<=38.45	Pass
			25	20.62	0.00	18.47	<=38.45	Pass
			49	20.42	0.00	18.27	<=38.45	Pass
		25	0	19.64	0.00	17.49	<=38.45	Pass
			13	19.64	0.00	17.49	<=38.45	Pass
			25	19.65	0.00	17.50	<=38.45	Pass
		50	0	19.54	0.00	17.39	<=38.45	Pass
	836.5	1	0	20.64	0.00	18.49	<=38.45	Pass
			25	20.70	0.00	18.55	<=38.45	Pass
			49	20.53	0.00	18.38	<=38.45	Pass
		25	0	19.51	0.00	17.36	<=38.45	Pass
			13	19.49	0.00	17.34	<=38.45	Pass
			25	19.34	0.00	17.19	<=38.45	Pass
		50	0	19.39	0.00	17.24	<=38.45	Pass
	844	1	0	20.94	0.00	18.79	<=38.45	Pass
			25	21.17	0.00	19.02	<=38.45	Pass
			49	20.93	0.00	18.78	<=38.45	Pass
		25	0	19.68	0.00	17.53	<=38.45	Pass
			13	19.56	0.00	17.41	<=38.45	Pass
			25	19.64	0.00	17.49	<=38.45	Pass
		50	0	19.57	0.00	17.42	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-1.388	-0.0017	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0086	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.633	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-1.802	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-7.710	-0.0092	-2.5 to 2.5	Pass
					3.85	-9.913	-0.0119	-2.5 to 2.5	Pass
					4.43	-3.905	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-4.692	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0029	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-4.563	-0.0054	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0091	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-7.381	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-2.289	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-8.998	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-4.535	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-8.197	-0.0097	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-3.805	-0.0046	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0065	-2.5 to 2.5	Pass
					4.43	-7.911	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.389	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.078	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-5.336	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-2.546	-0.0031	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-7.324	-0.0088	-2.5 to 2.5	Pass
					3.85	-2.375	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.824	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-7.339	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0059	-2.5 to 2.5	Pass

				0	3.85	-2.618	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-5.164	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0063	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-6.881	-0.0081	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0055	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-6.409	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-6.566	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-6.809	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-4.020	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-7.811	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-7.038	-0.0085	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0067	-2.5 to 2.5	Pass
					4.43	1.531	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.136	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0077	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-3.777	-0.0045	-2.5 to 2.5	Pass
					3.85	-10.214	-0.0122	-2.5 to 2.5	Pass
					4.43	-10.471	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-6.166	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-8.354	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-6.609	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-8.011	-0.0096	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-8.698	-0.0103	-2.5 to 2.5	Pass
					3.85	-8.311	-0.0098	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-4.549	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-3.462	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.550	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-7.510	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-5.736	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-8.769	-0.0103	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-6.294	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0065	-2.5 to 2.5	Pass
					4.43	-8.497	-0.0103	-2.5 to 2.5	Pass

				-30	3.85	-4.950	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-3.891	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-6.938	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-8.297	-0.0101	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-7.153	-0.0086	-2.5 to 2.5	Pass
					3.85	-9.928	-0.0119	-2.5 to 2.5	Pass
					4.43	-8.068	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-5.550	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-2.789	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-3.061	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.452	-0.0077	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-5.007	-0.0059	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0039	-2.5 to 2.5	Pass
					4.43	-6.537	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-5.636	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-9.356	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-9.112	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-6.795	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-6.166	-0.0073	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-9.627	-0.0116	-2.5 to 2.5	Pass
					3.85	-8.554	-0.0103	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-6.065	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-8.411	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-4.935	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-9.642	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0092	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-4.234	-0.0051	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
					4.43	-8.826	-0.0106	-2.5 to 2.5	Pass
				-30	3.85	-12.674	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-11.759	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-6.523	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-2.875	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-5.050	-0.0060	-2.5 to 2.5	Pass

	846.5	25	0	20	3.27	-7.868	-0.0093	-2.5 to 2.5	Pass
					3.85	-8.841	-0.0104	-2.5 to 2.5	Pass
					4.43	-9.027	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-4.935	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-3.047	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-6.638	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-7.138	-0.0084	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-10.443	-0.0126	-2.5 to 2.5	Pass
					3.85	-8.526	-0.0103	-2.5 to 2.5	Pass
					4.43	-9.341	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-7.625	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-7.610	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-8.640	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-7.138	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-11.687	-0.0141	-2.5 to 2.5	Pass
				40	3.85	-8.097	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-4.706	-0.0057	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-10.271	-0.0123	-2.5 to 2.5	Pass
					3.85	-8.612	-0.0103	-2.5 to 2.5	Pass
					4.43	-7.639	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-7.825	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-6.866	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-6.094	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-7.010	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-5.908	-0.0071	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-6.466	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
					4.43	-9.084	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-9.828	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-6.466	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-8.569	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-7.067	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-5.851	-0.0069	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-6.609	-0.0080	-2.5 to 2.5	Pass
					3.85	-4.892	-0.0059	-2.5 to 2.5	Pass
					4.43	-5.765	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-7.610	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-5.736	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-5.665	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-8.540	-0.0103	-2.5 to 2.5	Pass

				30	3.85	-5.908	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-5.050	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-8.984	-0.0108	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-5.364	-0.0064	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0066	-2.5 to 2.5	Pass
					4.43	-7.753	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-8.483	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-6.351	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-6.294	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-7.124	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-8.769	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-8.512	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0100	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-5.121	-0.0061	-2.5 to 2.5	Pass
					3.85	-7.696	-0.0091	-2.5 to 2.5	Pass
					4.43	-3.633	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-7.238	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-5.636	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-6.866	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-8.082	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0072	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-5.364	-0.0065	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
					4.43	-7.410	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-5.851	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-9.270	-0.0112	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-8.397	-0.0100	-2.5 to 2.5	Pass
					3.85	-2.518	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.279	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-9.999	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-7.396	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-7.782	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-8.082	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-7.954	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-7.954	-0.0095	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.725	-0.0092	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
					4.43	-3.161	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-6.466	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-6.208	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-6.537	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-8.798	-0.0104	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

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

3.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / 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

3.1.3 B5_5MHz

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

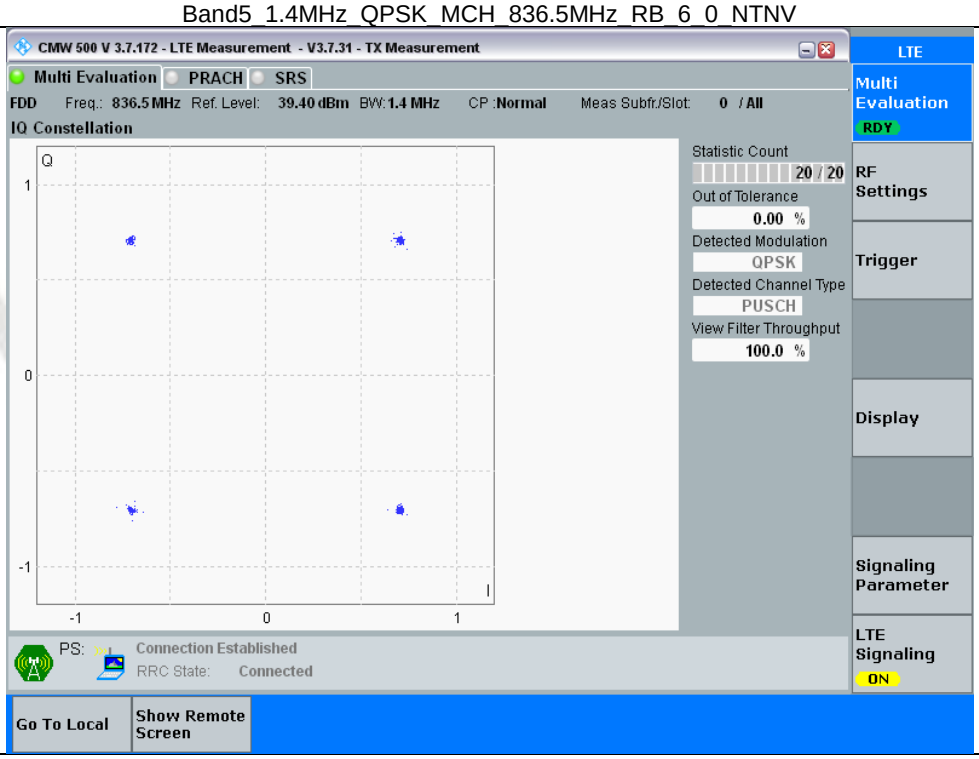
3.1.4 B5_10MHz

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

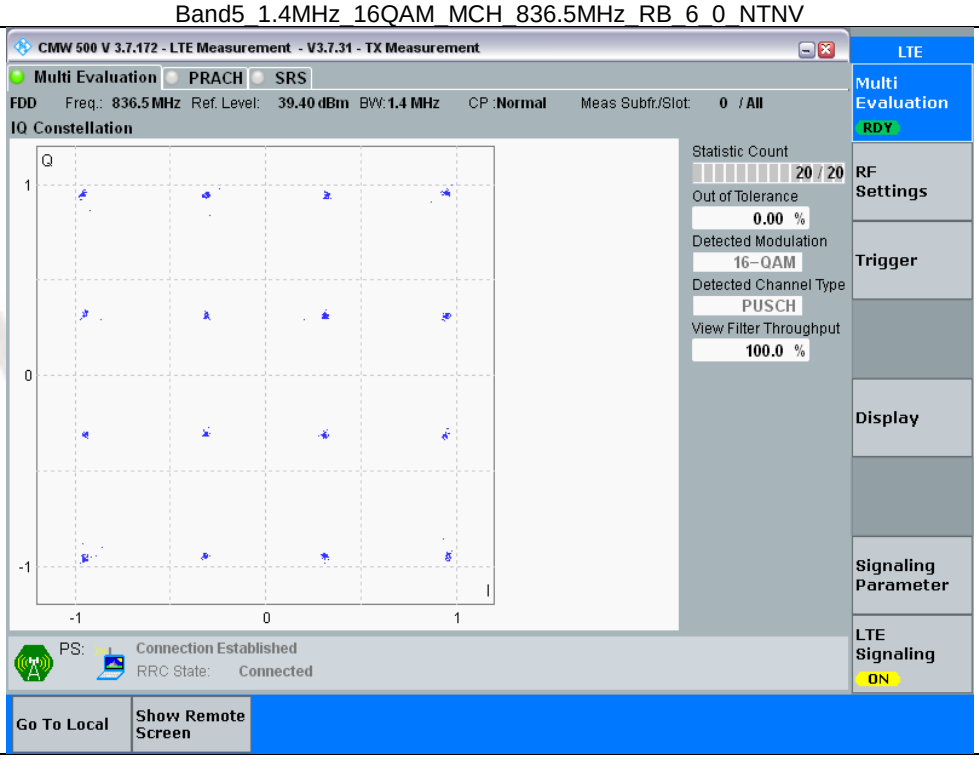
3.2 Test Graph

3.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

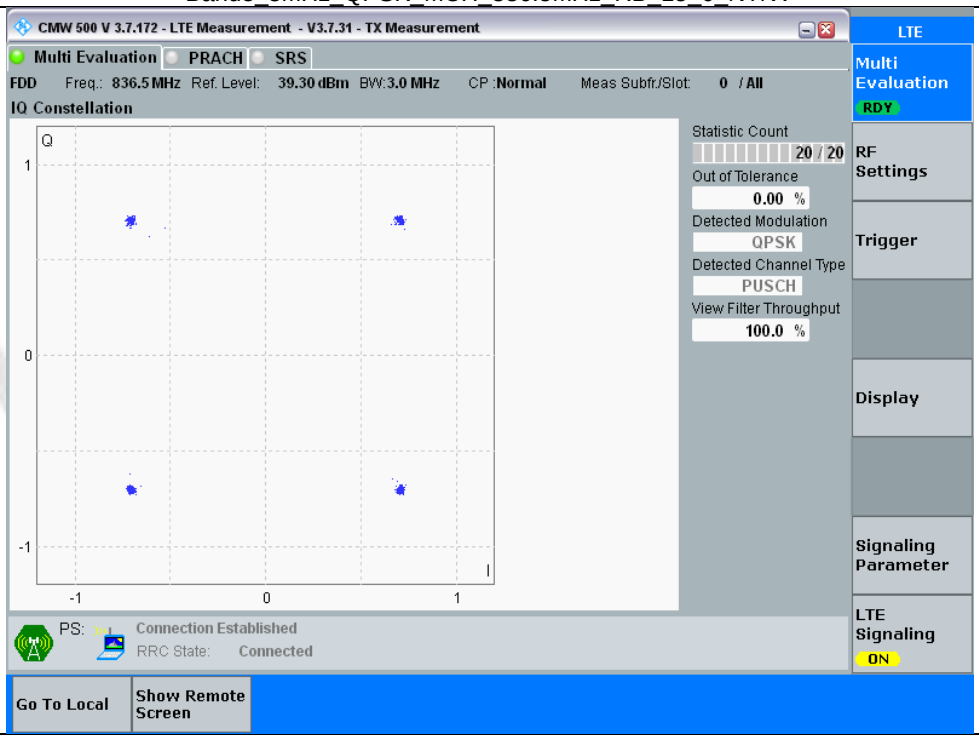


Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

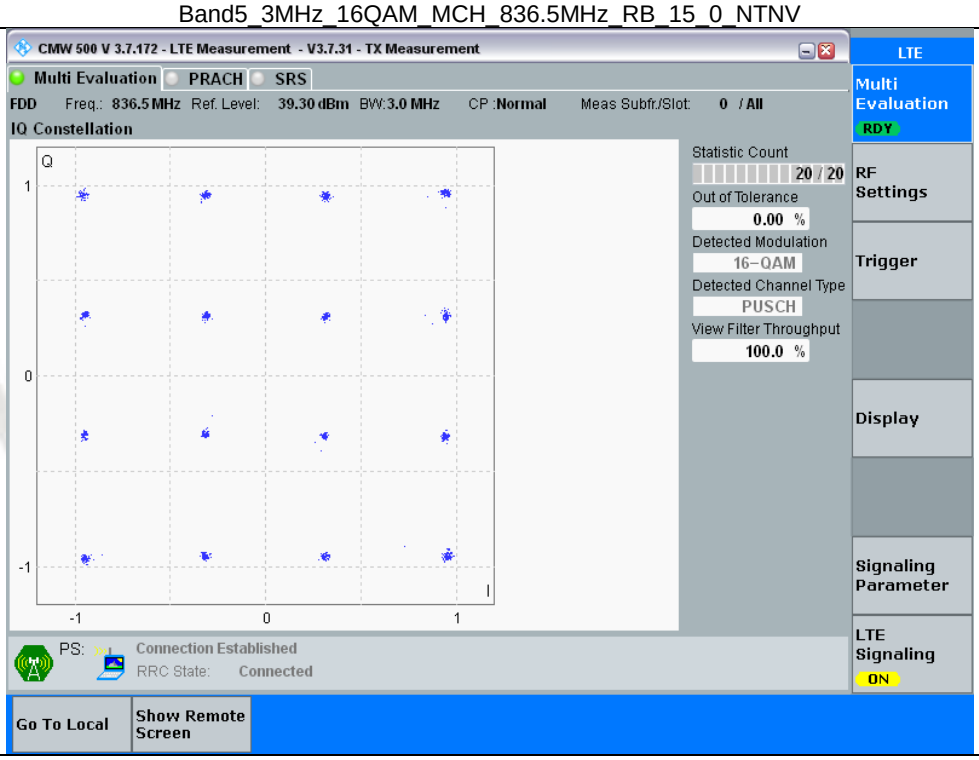


3.2.2 B5_3MHz

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

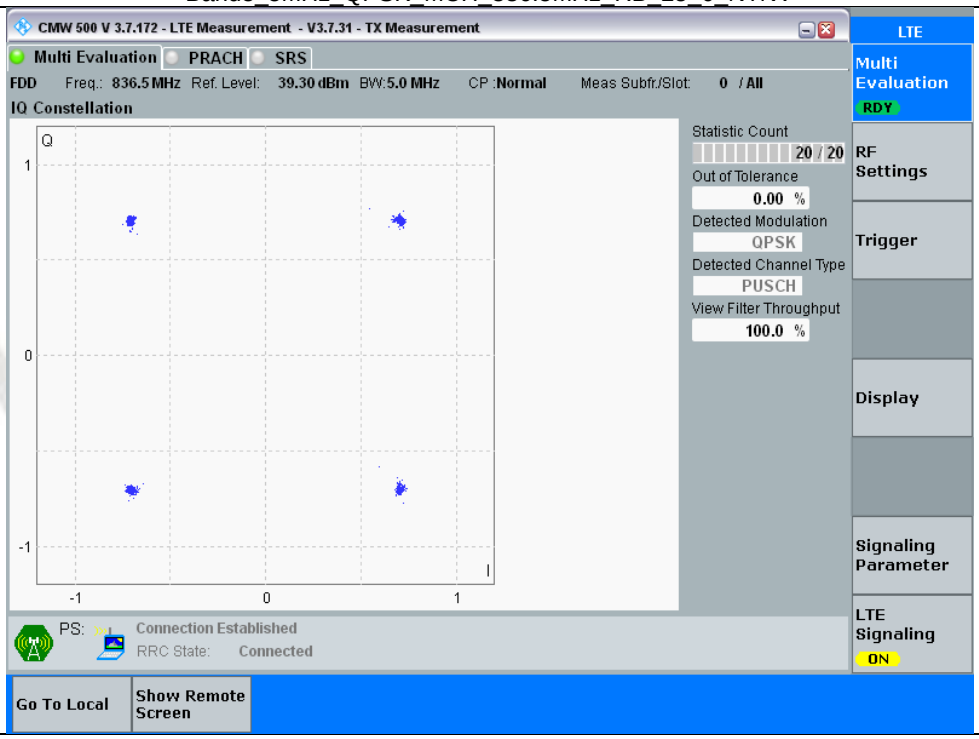


Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

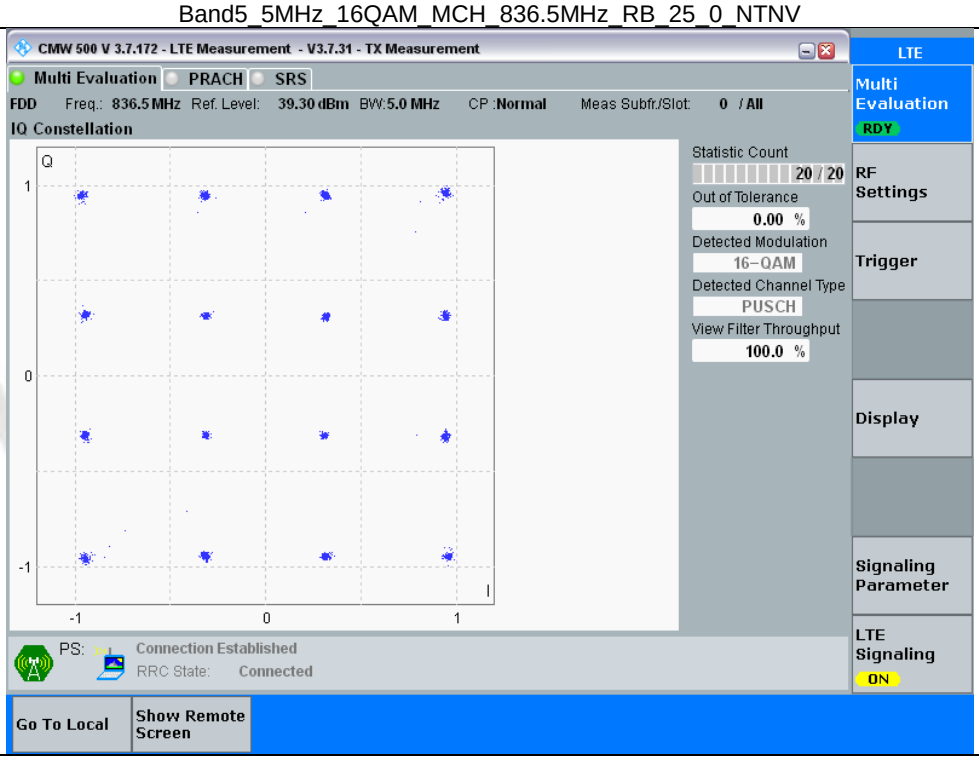


3.2.3 B5_5MHz

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

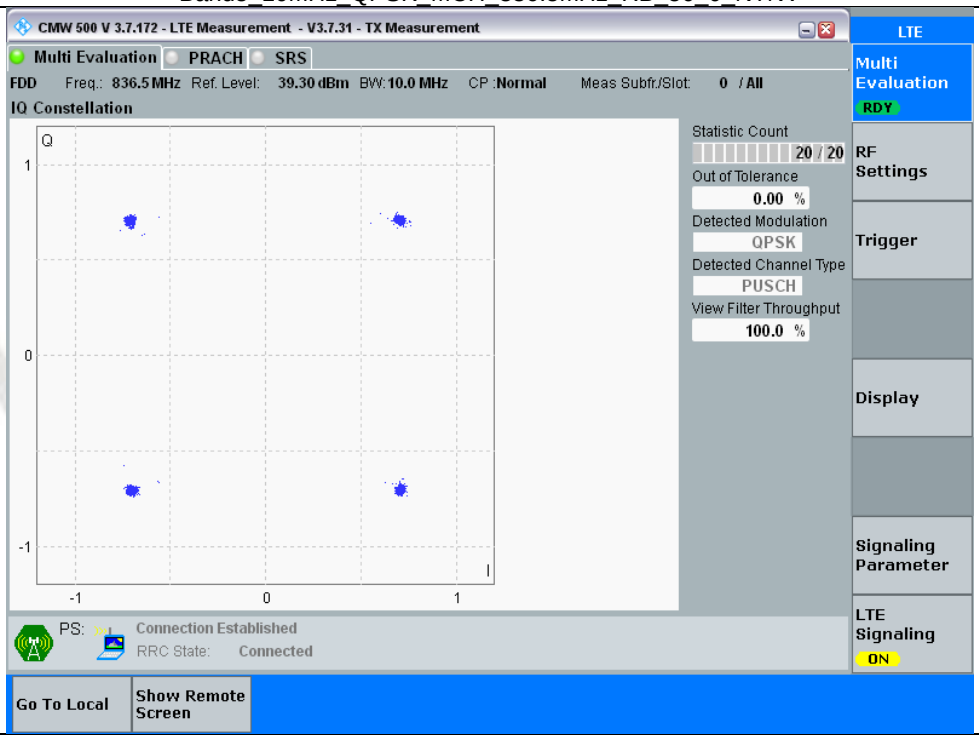


Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

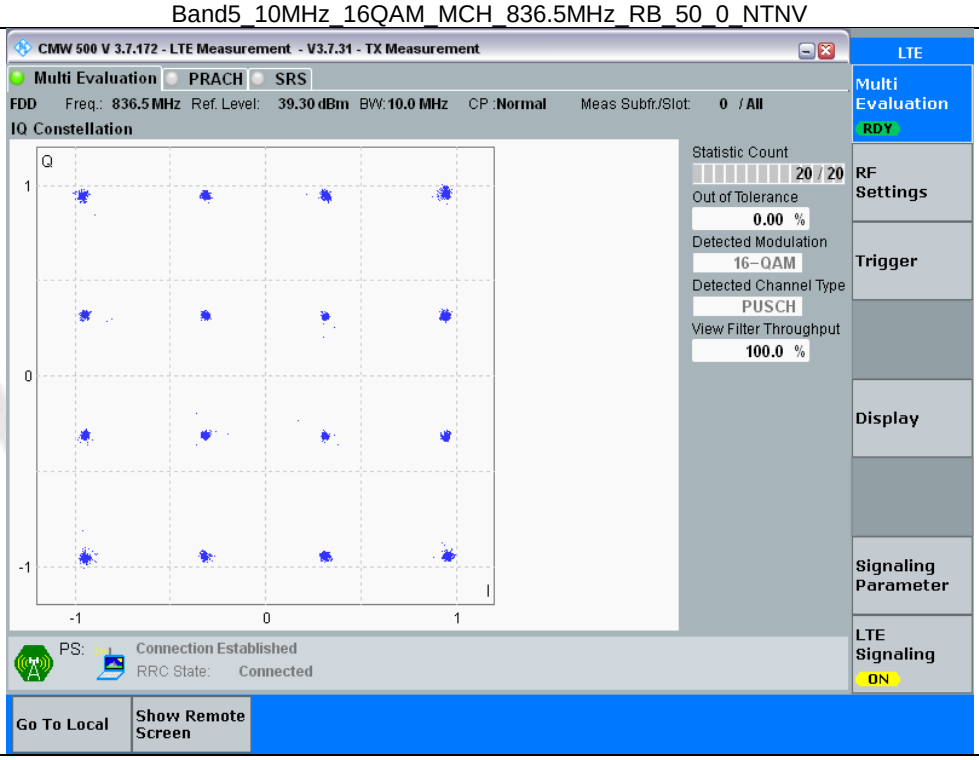


3.2.4 B5_10MHz

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 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.106	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.105	/	Pass
	16QAM	824.7	6	0	1.120	/	Pass
		836.5	6	0	1.109	/	Pass
		848.3	6	0	1.115	/	Pass
3	QPSK	825.5	15	0	2.726	/	Pass
		836.5	15	0	2.723	/	Pass
		847.5	15	0	2.735	/	Pass
	16QAM	825.5	15	0	2.725	/	Pass
		836.5	15	0	2.720	/	Pass
		847.5	15	0	2.721	/	Pass
5	QPSK	826.5	25	0	4.539	/	Pass
		836.5	25	0	4.547	/	Pass
		846.5	25	0	4.538	/	Pass
	16QAM	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.519	/	Pass
		846.5	25	0	4.535	/	Pass
10	QPSK	829	50	0	9.067	/	Pass
		836.5	50	0	9.032	/	Pass
		844	50	0	9.080	/	Pass
	16QAM	829	50	0	9.058	/	Pass
		836.5	50	0	9.018	/	Pass
		844	50	0	9.072	/	Pass

4.1.2 Band5_XDB

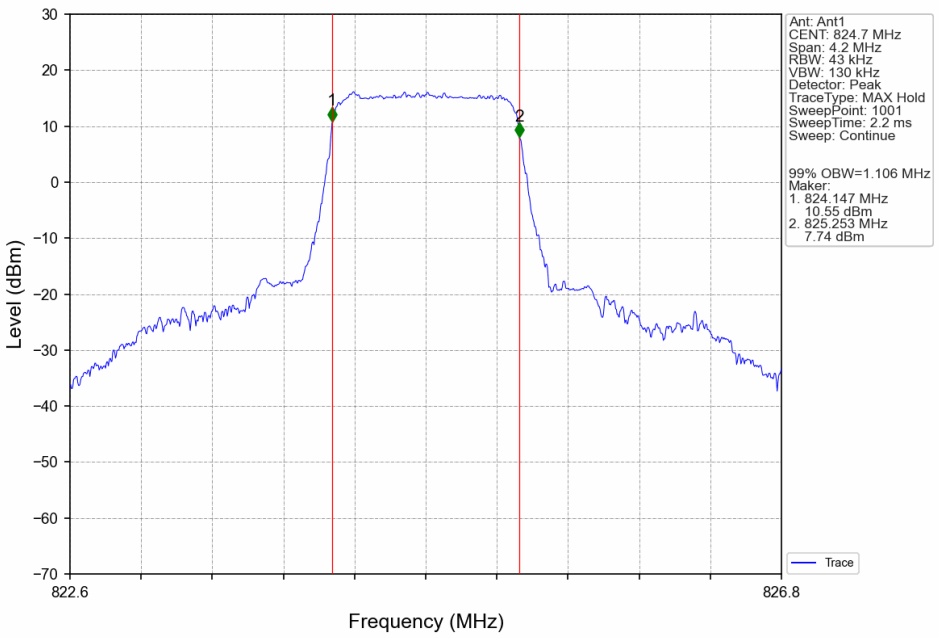
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.325	/	Pass
		836.5	6	0	1.321	/	Pass
		848.3	6	0	1.322	/	Pass
	16QAM	824.7	6	0	1.351	/	Pass
		836.5	6	0	1.302	/	Pass
		848.3	6	0	1.318	/	Pass
3	QPSK	825.5	15	0	3.002	/	Pass
		836.5	15	0	2.992	/	Pass
		847.5	15	0	2.978	/	Pass
	16QAM	825.5	15	0	3.008	/	Pass
		836.5	15	0	2.983	/	Pass
		847.5	15	0	2.988	/	Pass
5	QPSK	826.5	25	0	4.998	/	Pass
		836.5	25	0	5.026	/	Pass
		846.5	25	0	5.003	/	Pass
	16QAM	826.5	25	0	5.047	/	Pass
		836.5	25	0	5.021	/	Pass
		846.5	25	0	5.067	/	Pass
10	QPSK	829	50	0	9.926	/	Pass

		836.5	50	0	9.913	/	Pass
		844	50	0	9.983	/	Pass
	16QAM	829	50	0	9.949	/	Pass
		836.5	50	0	9.903	/	Pass
		844	50	0	9.903	/	Pass

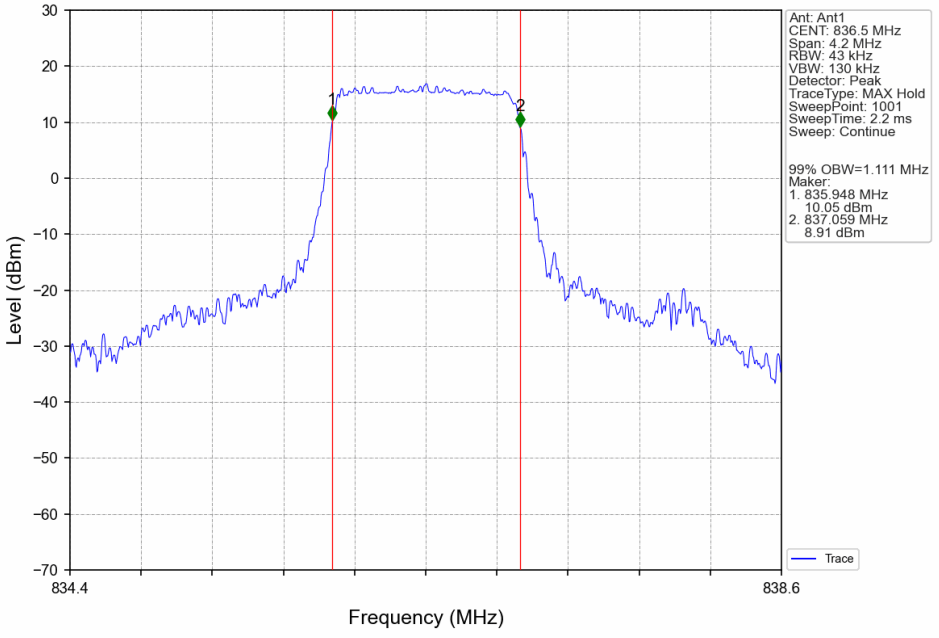
4.2 Test Graph

4.2.1 Band5_OBW

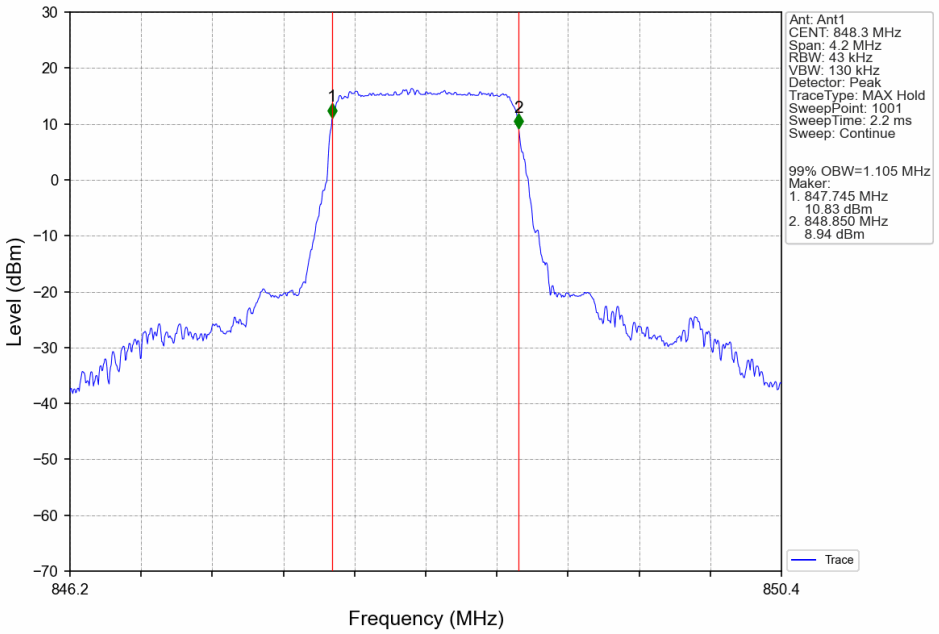
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



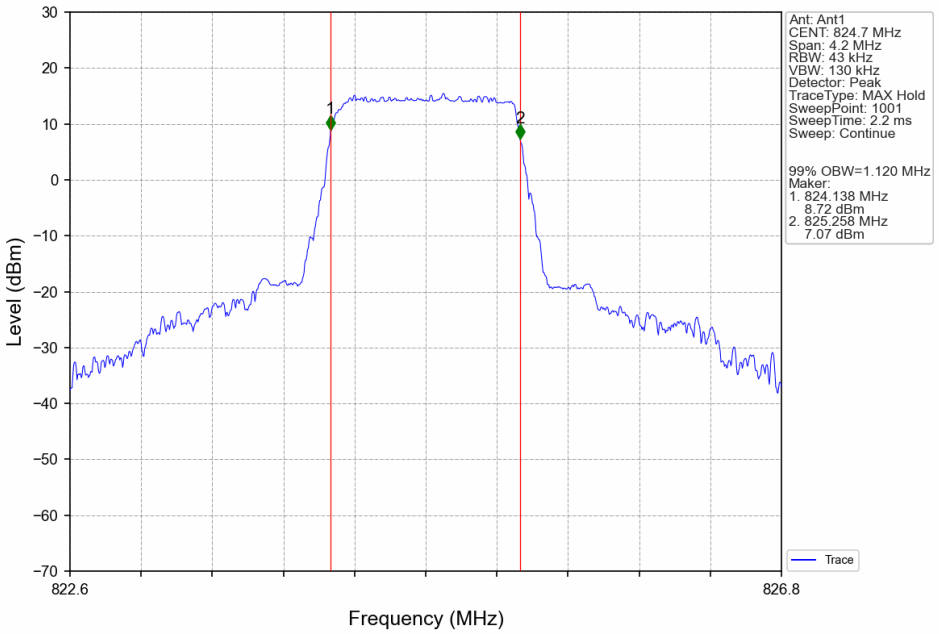
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



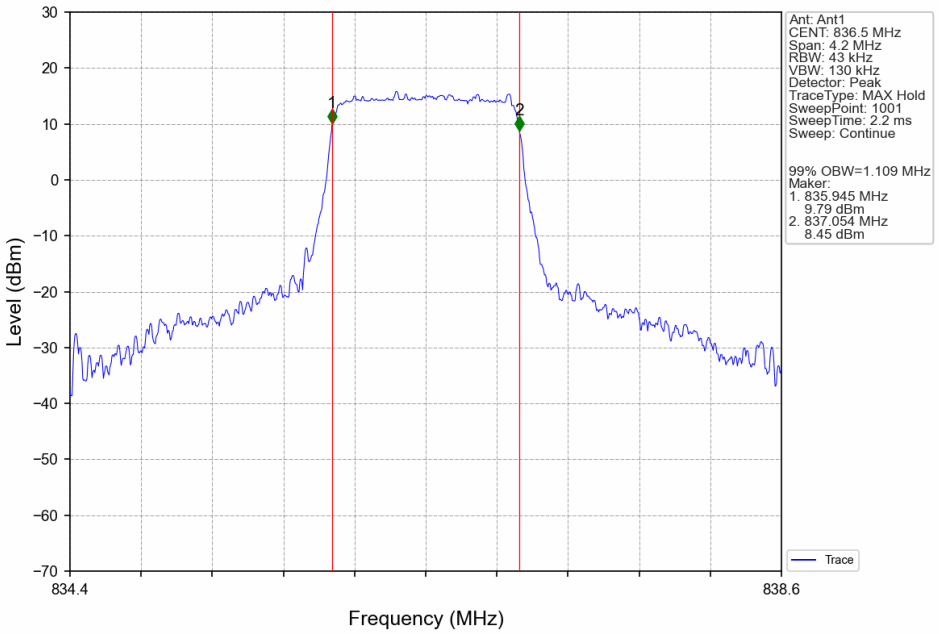
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



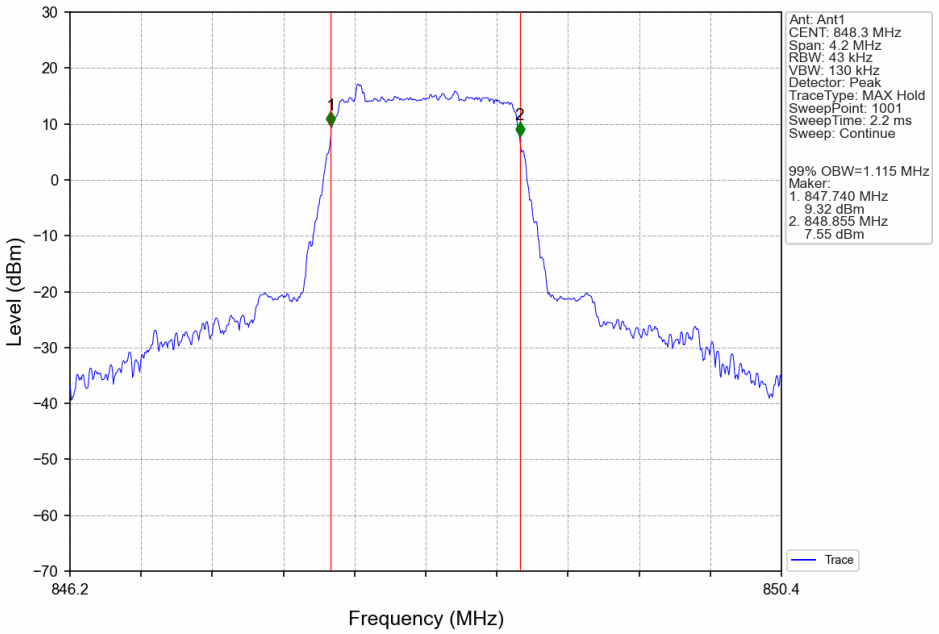
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



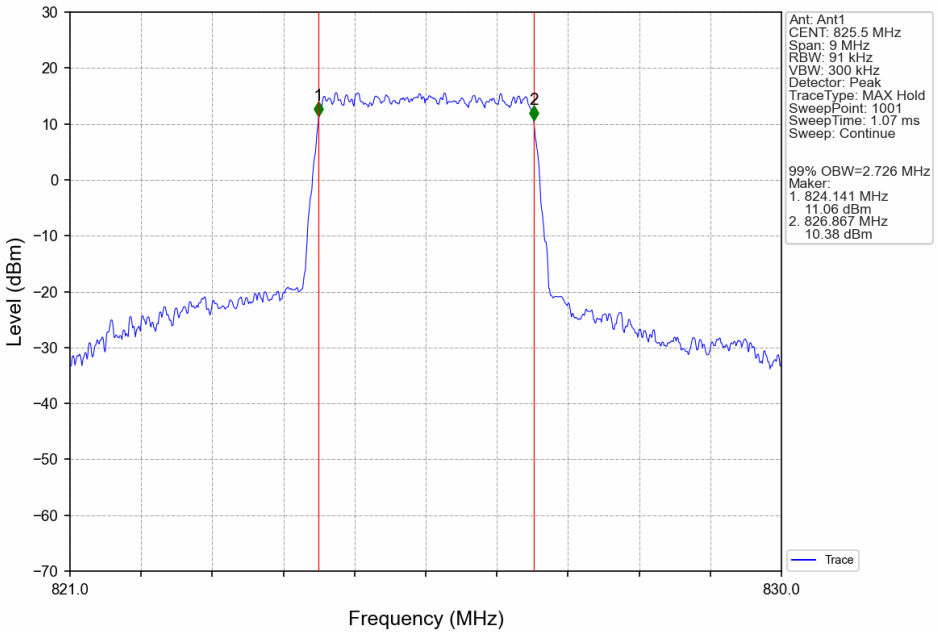
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



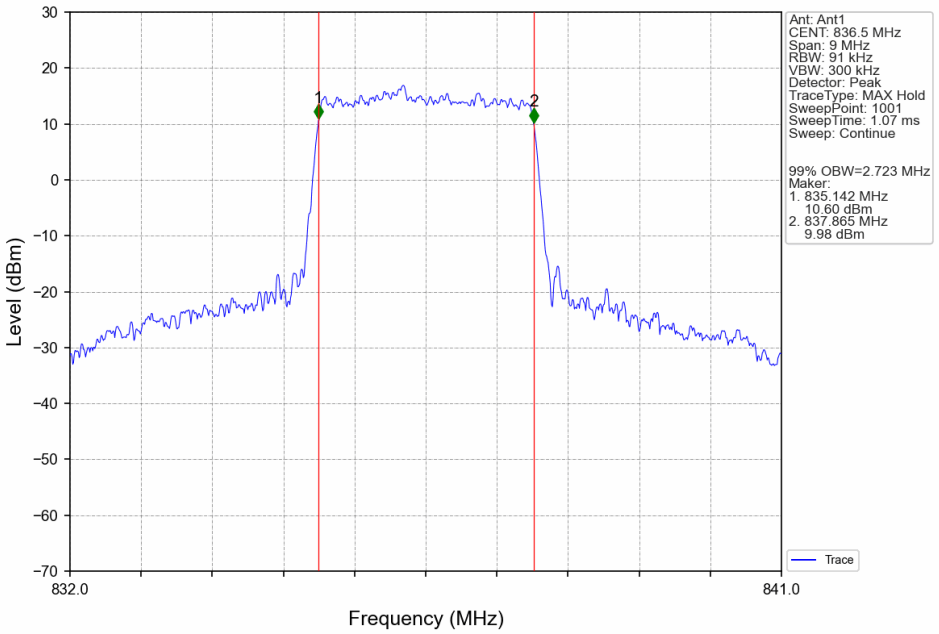
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



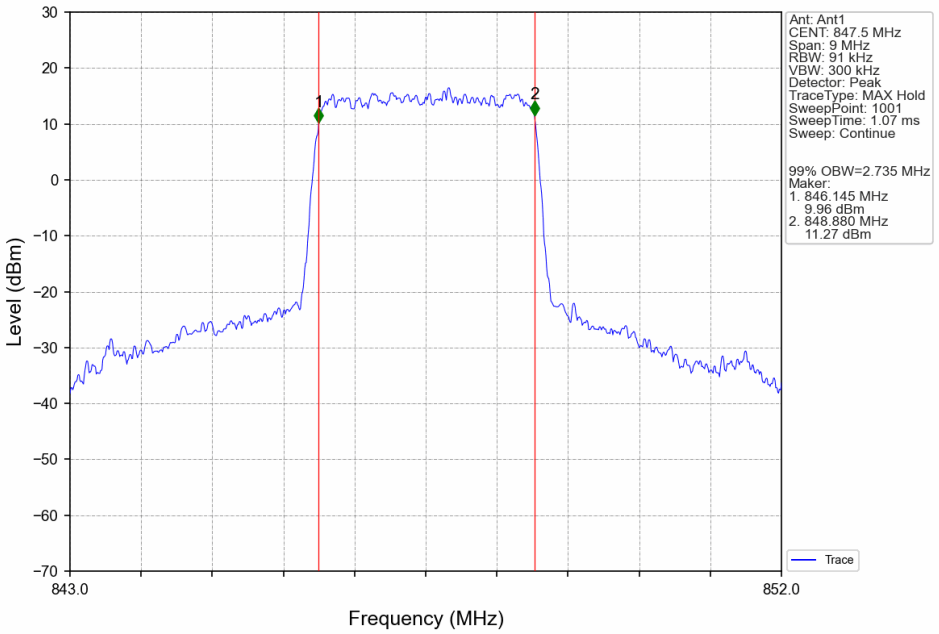
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



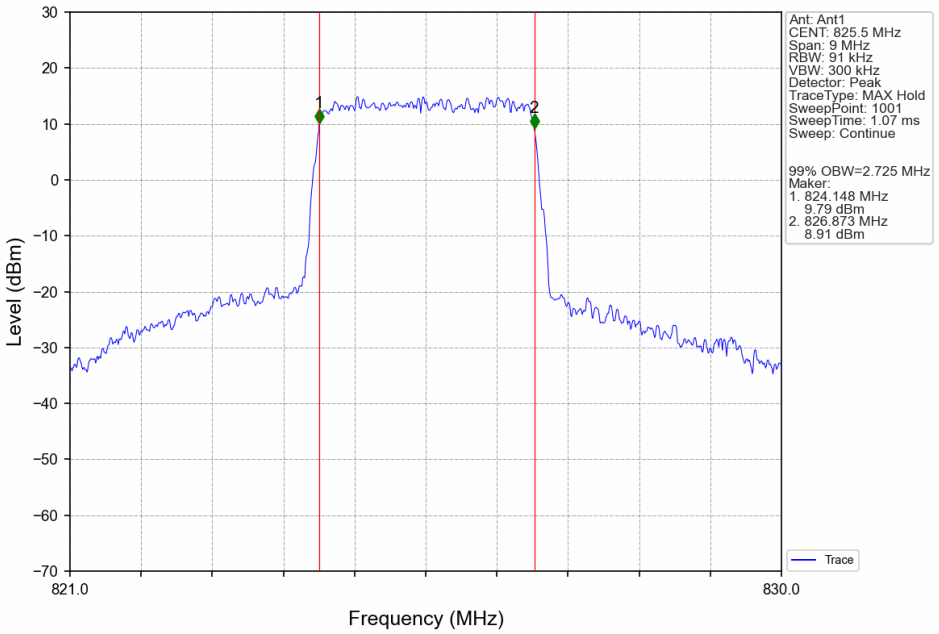
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



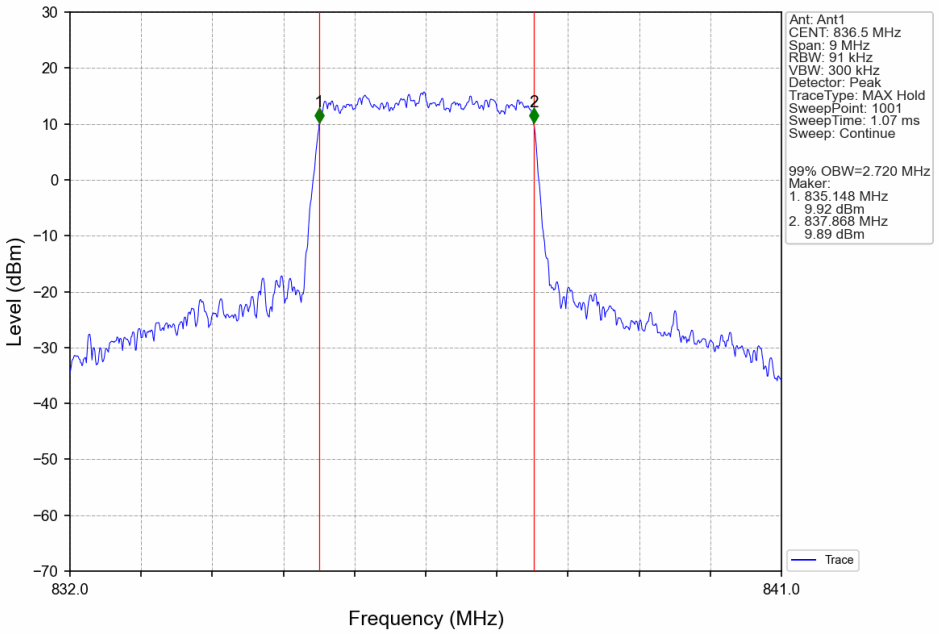
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



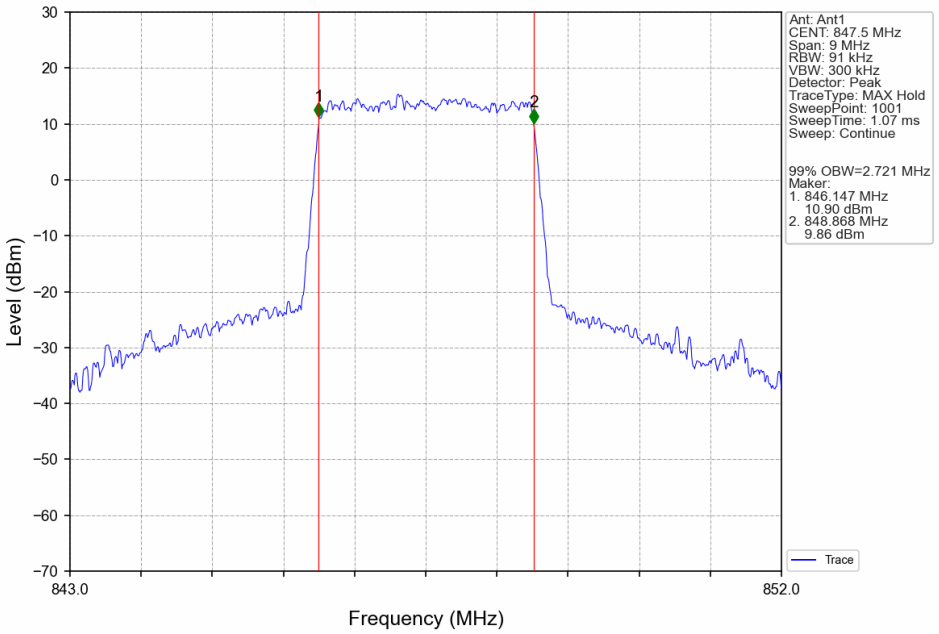
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



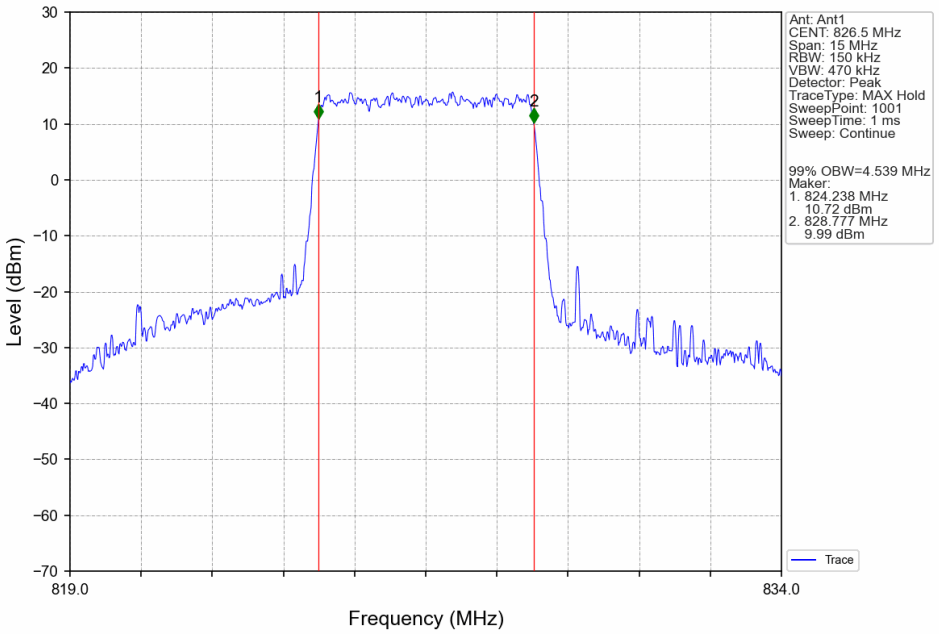
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



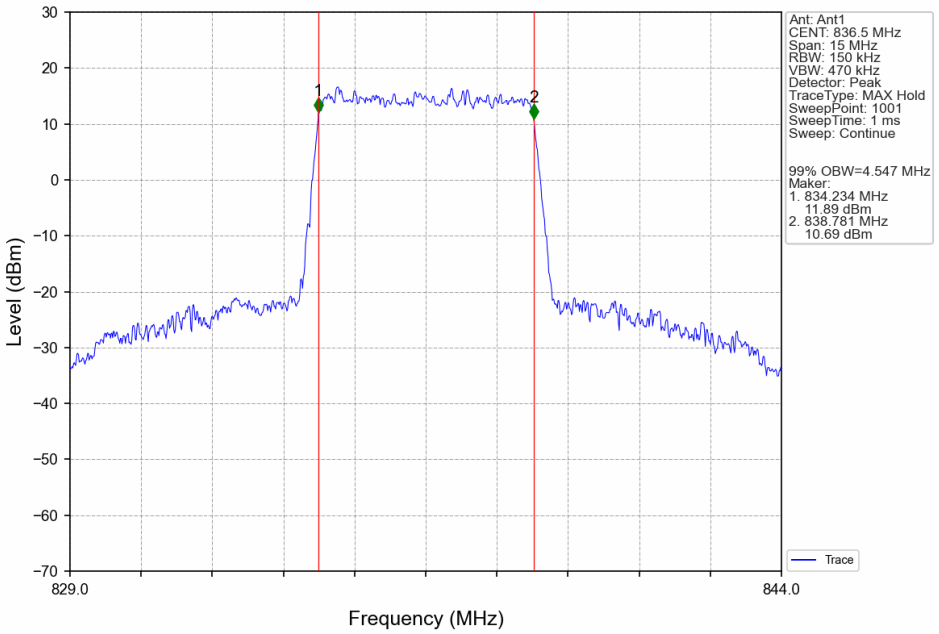
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



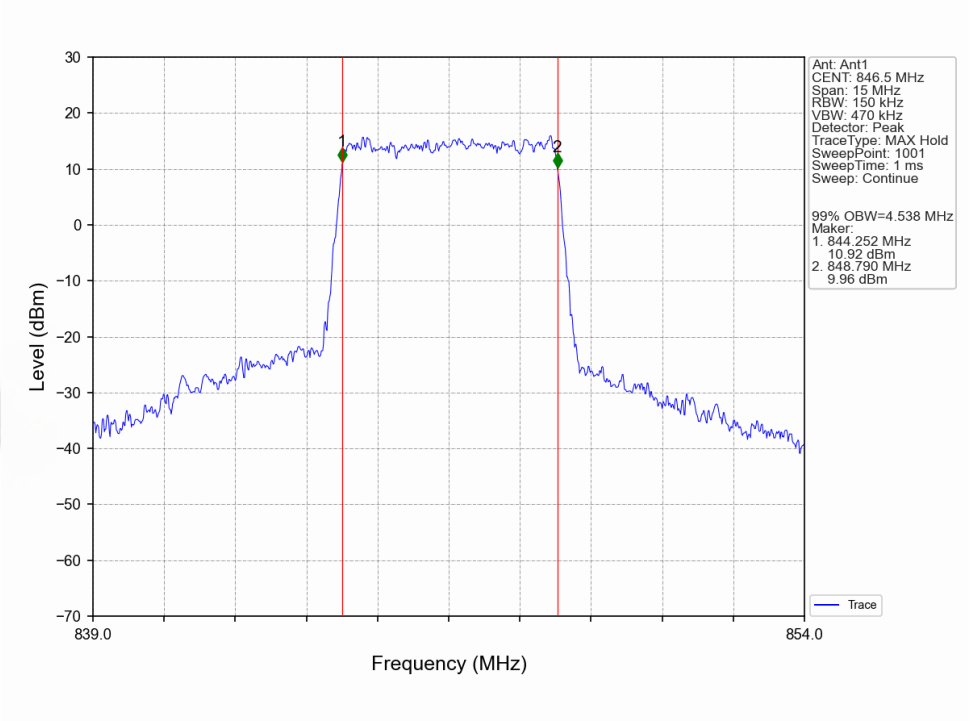
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



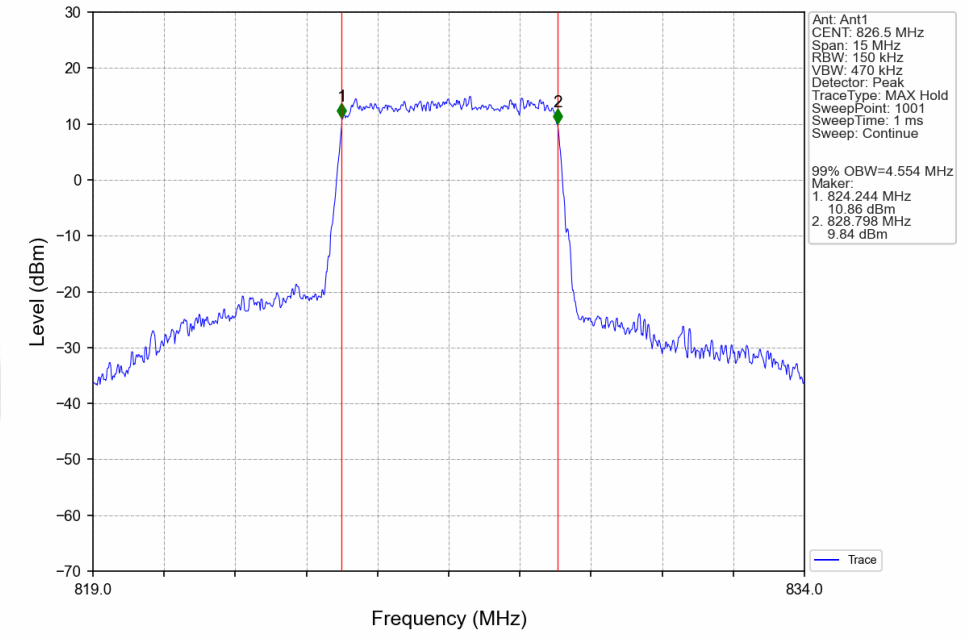
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



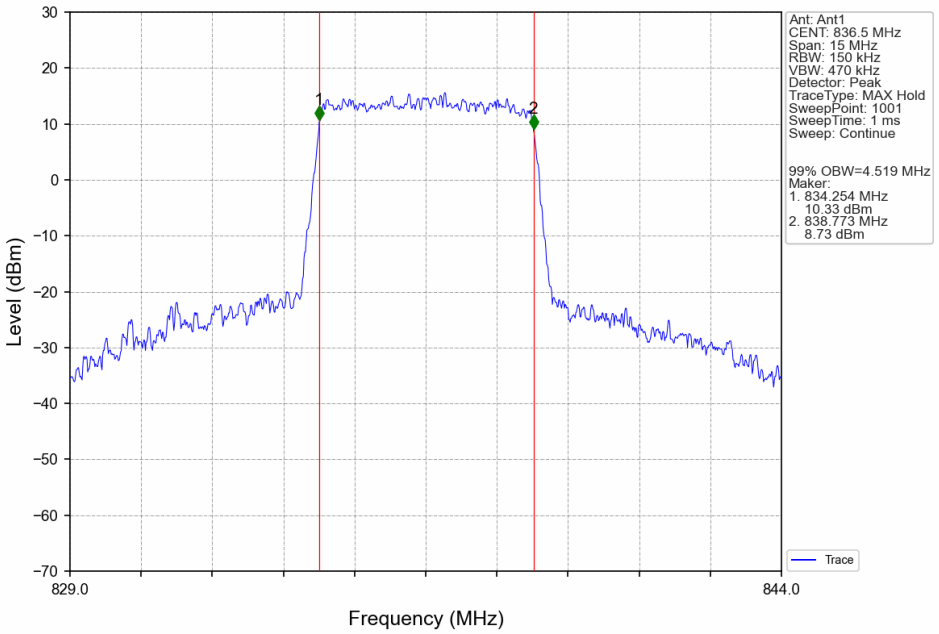
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



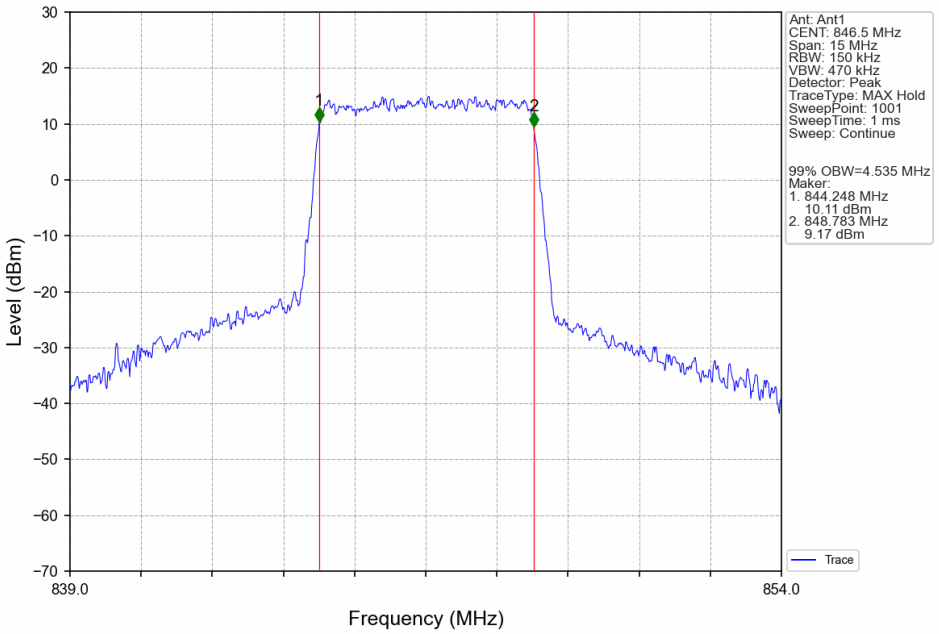
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



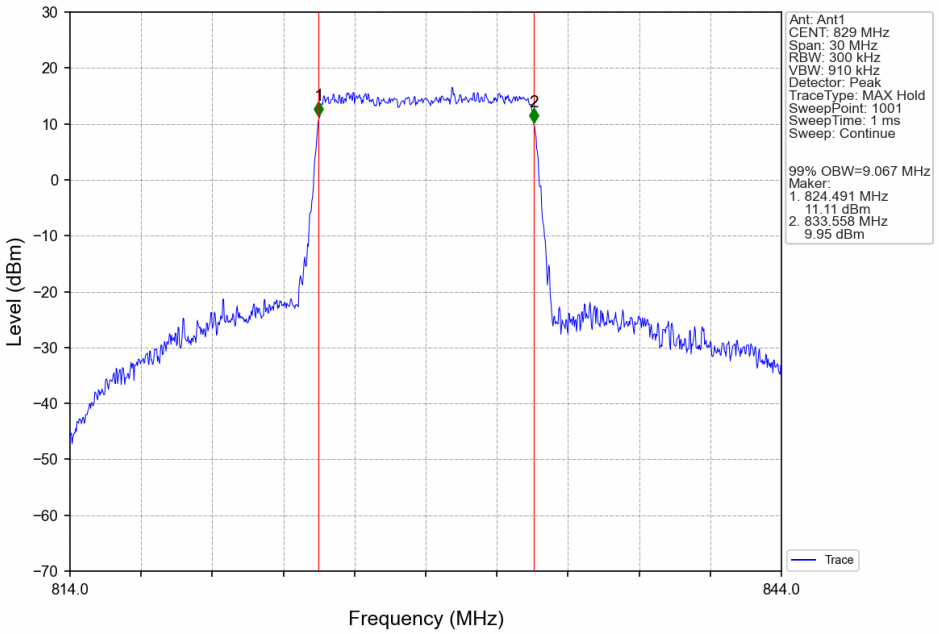
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



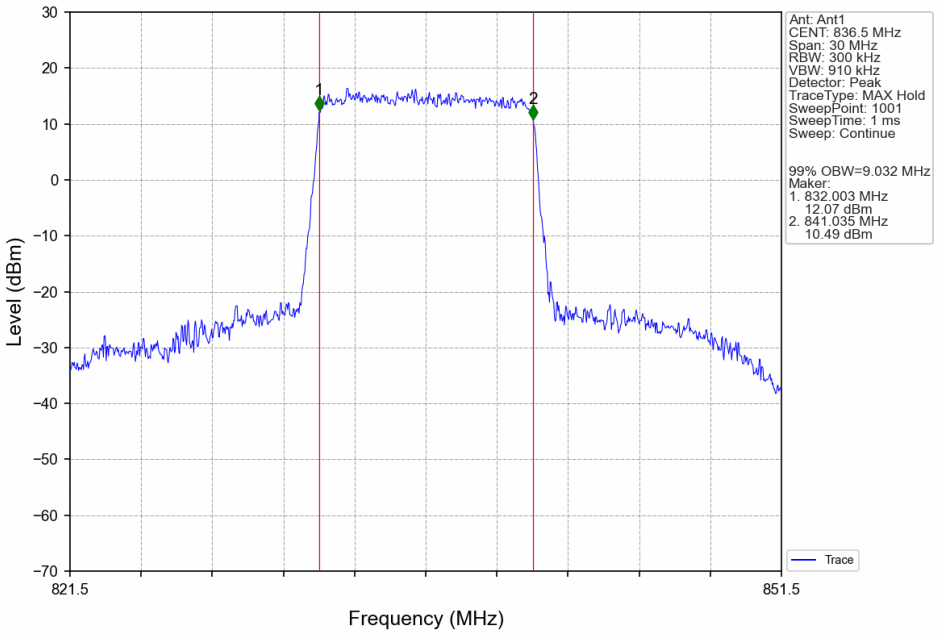
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



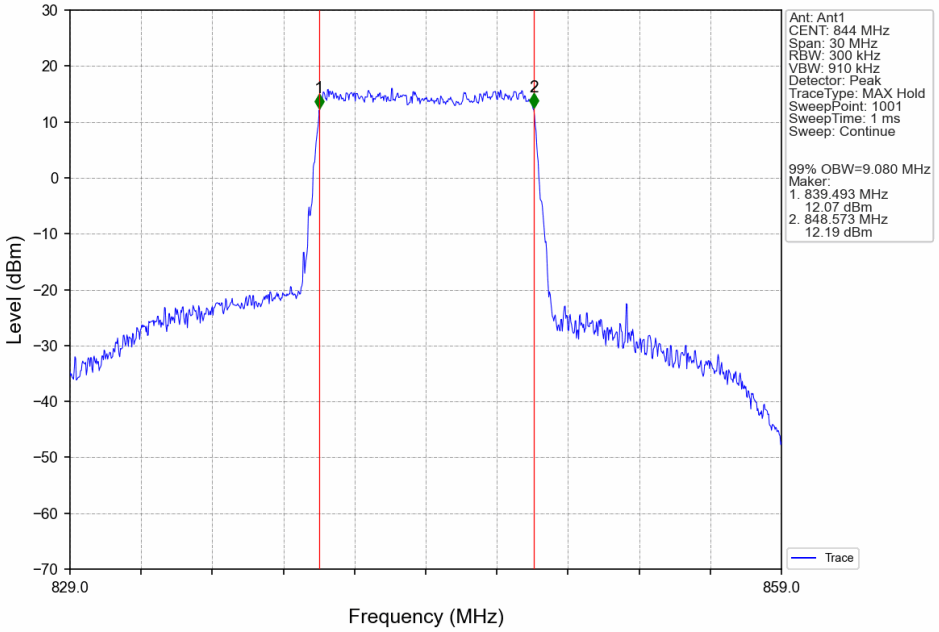
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



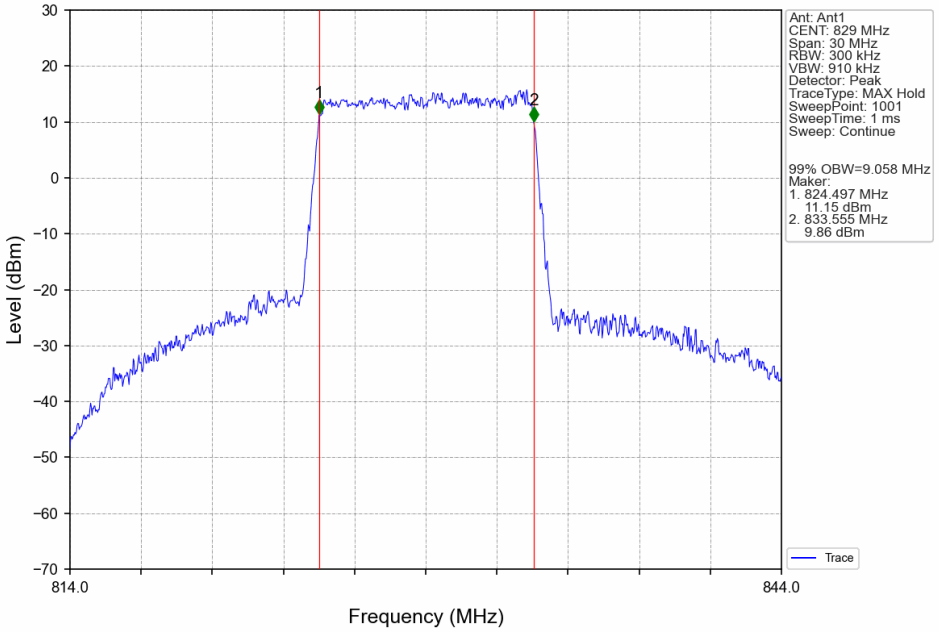
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



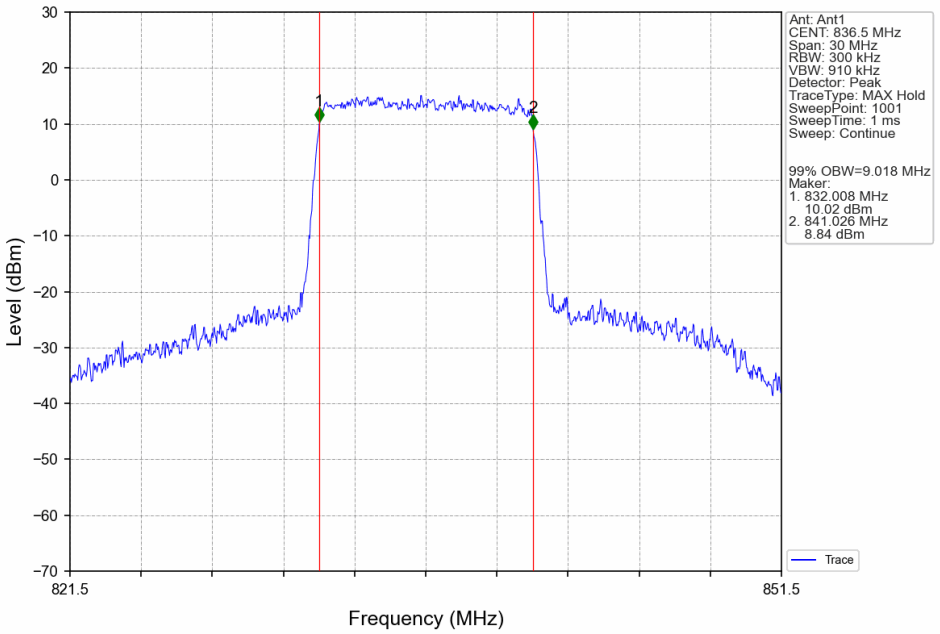
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



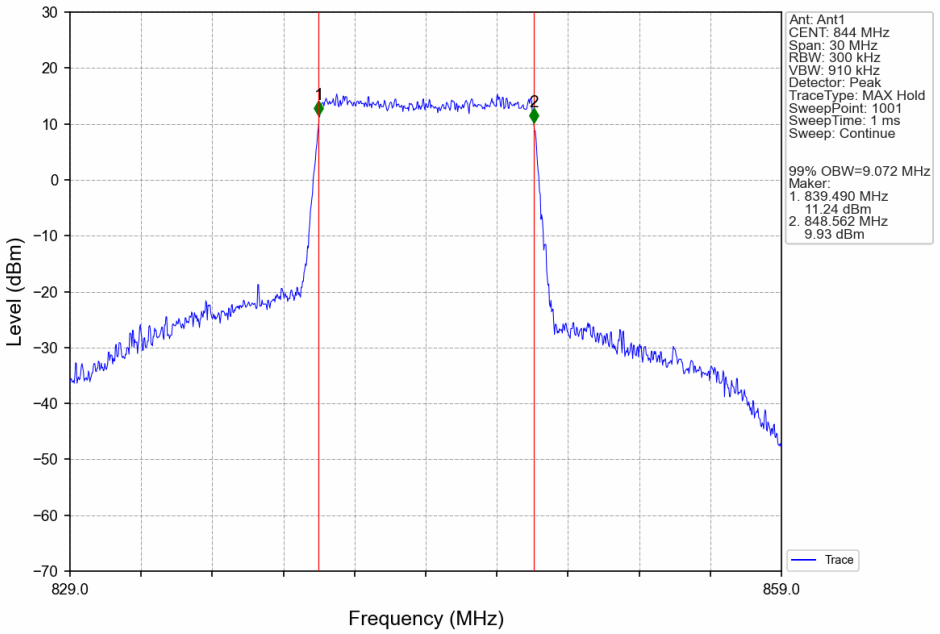
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

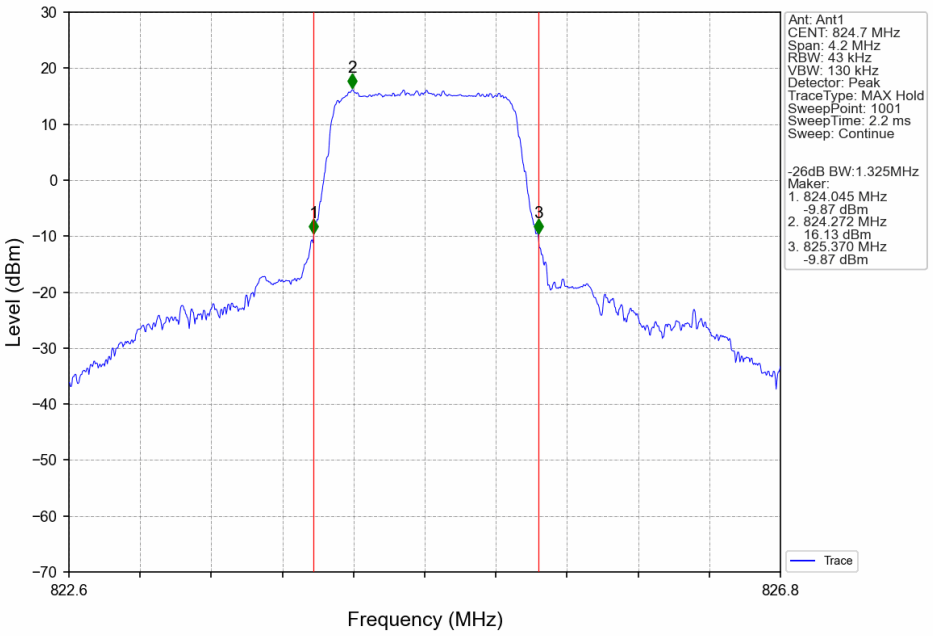


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

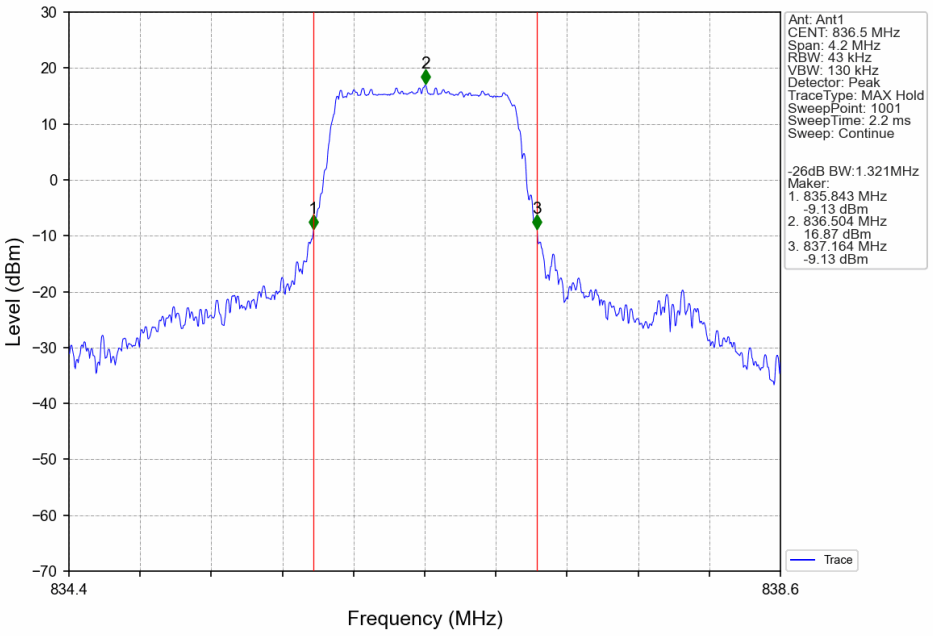


4.2.2 Band5_XDB

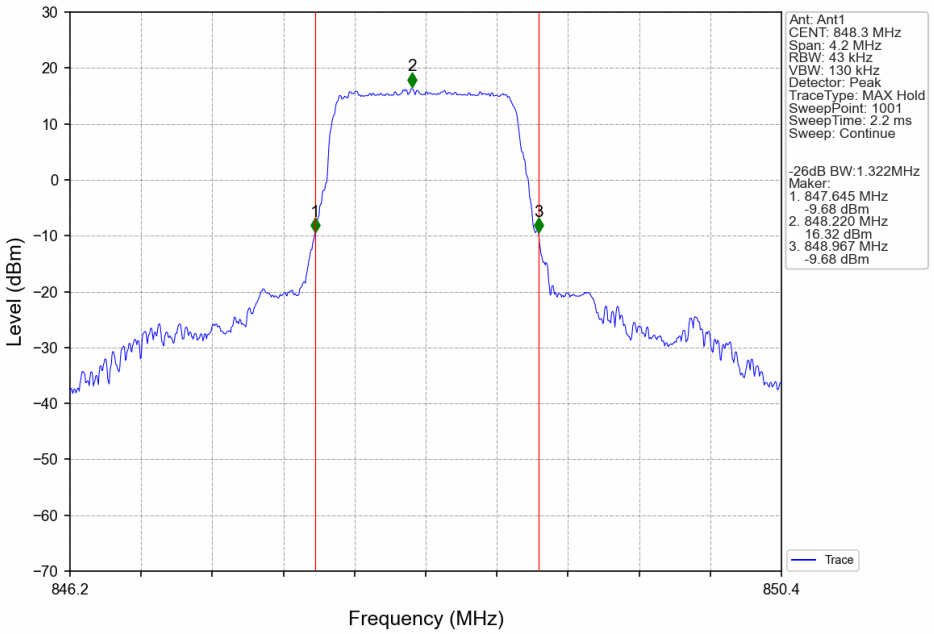
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



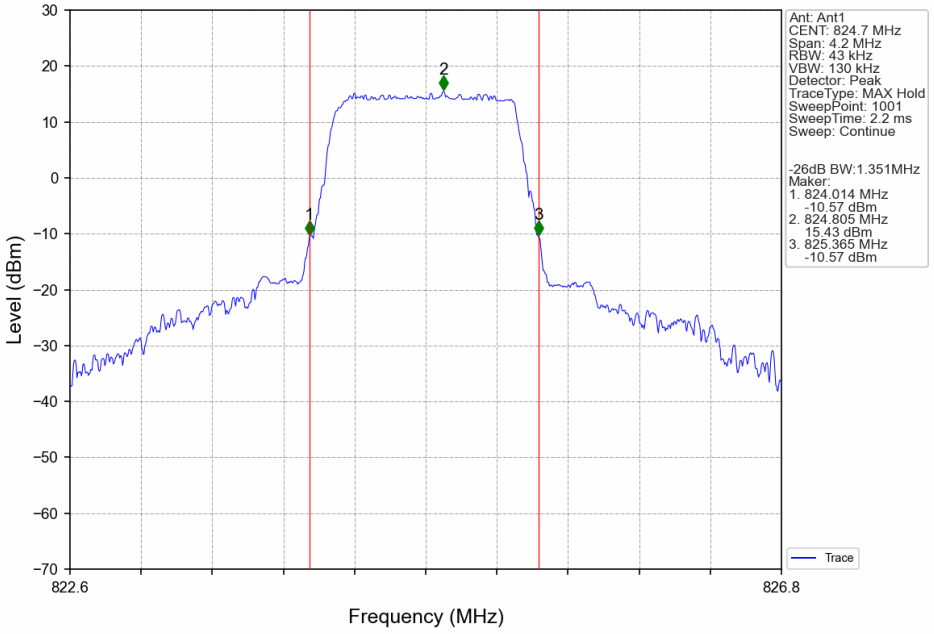
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



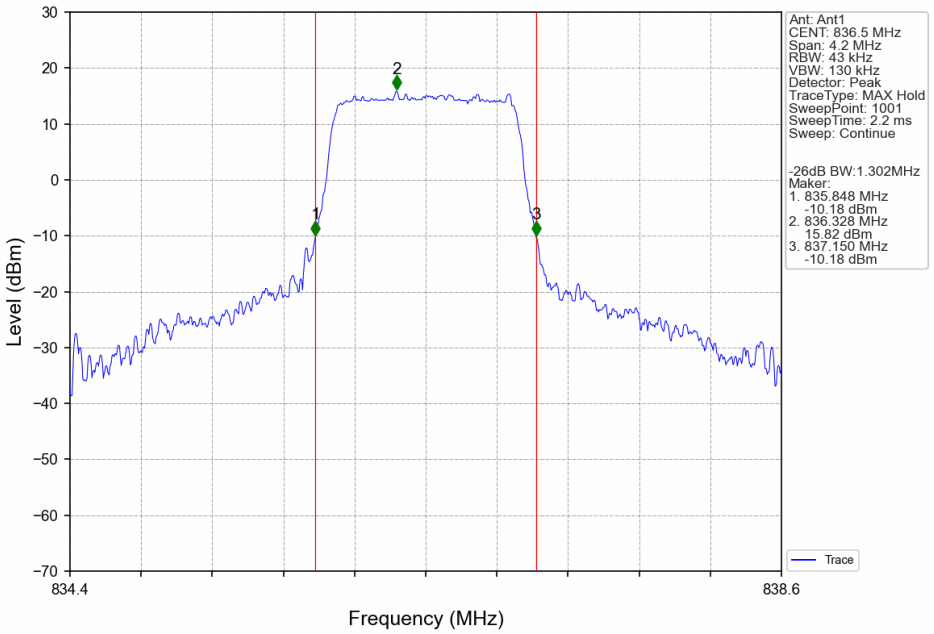
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



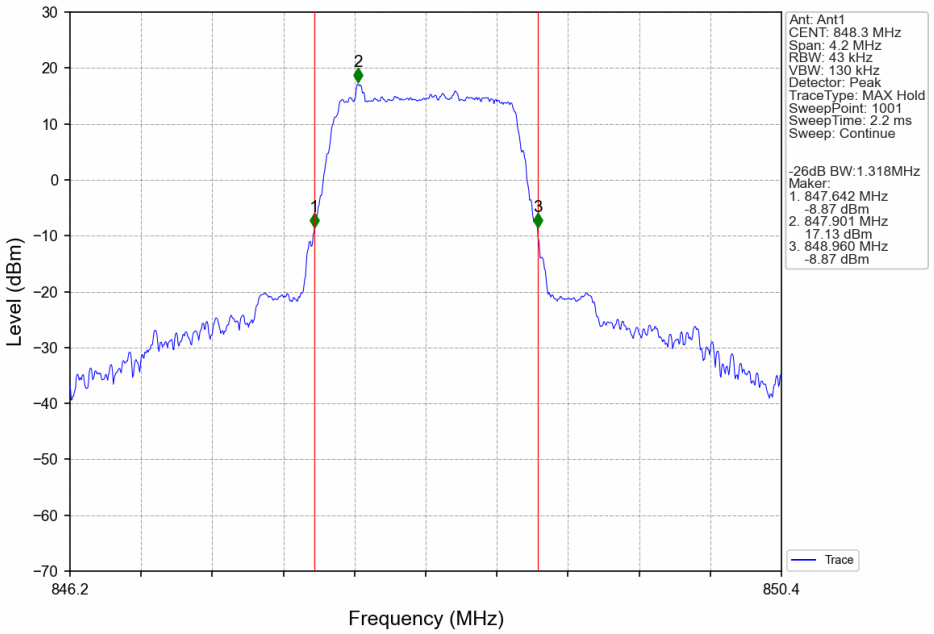
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



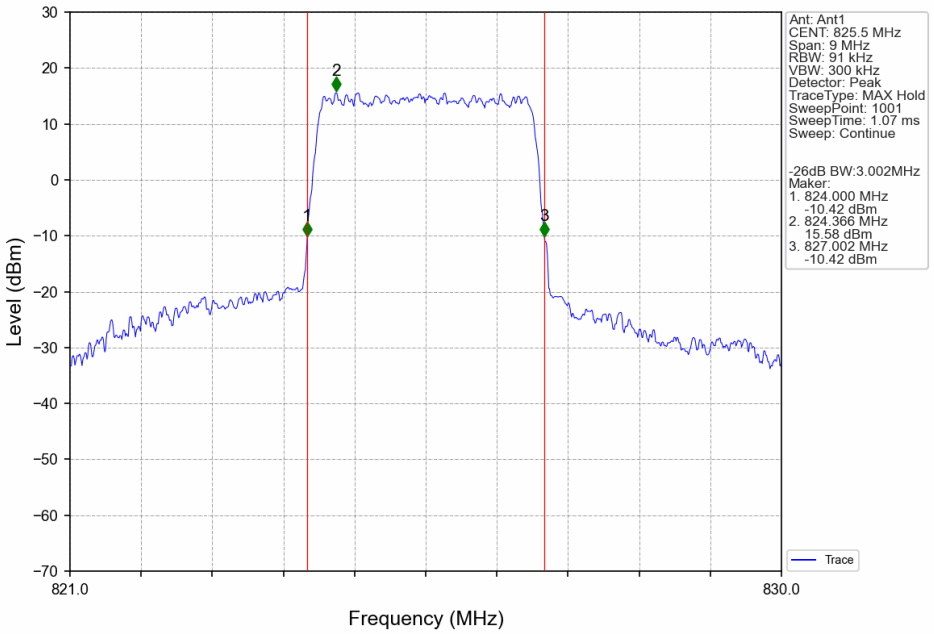
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



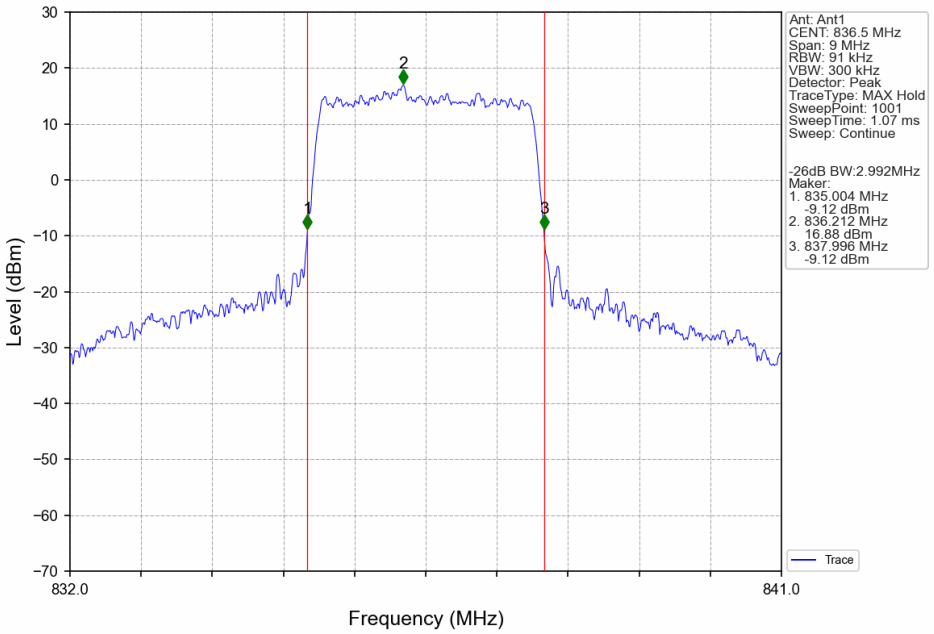
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



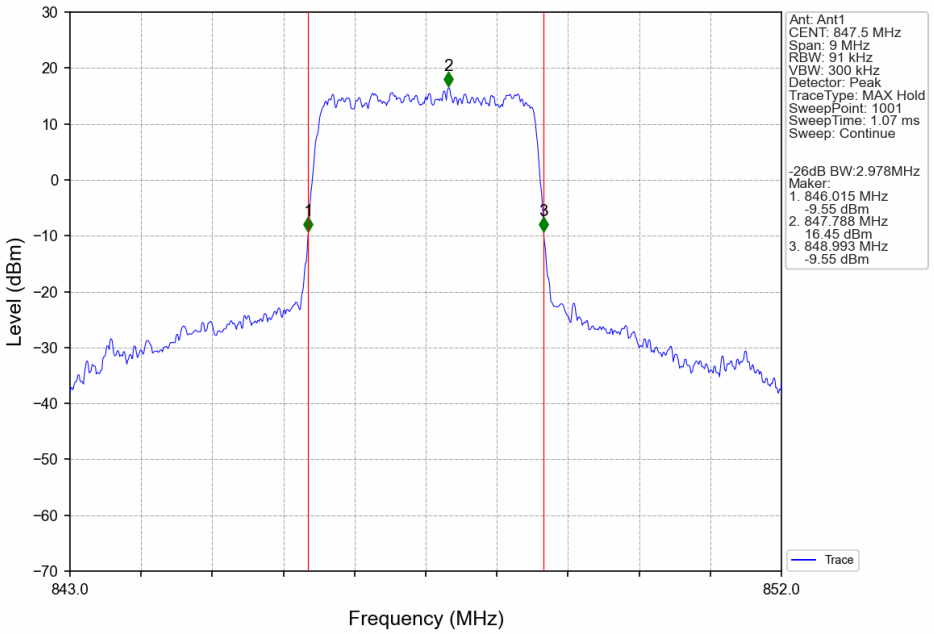
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



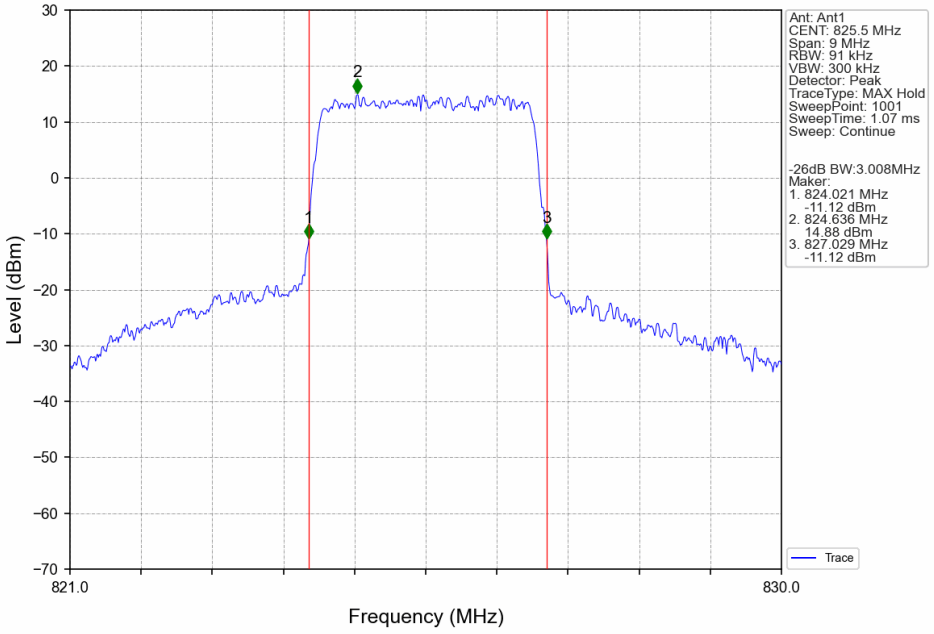
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



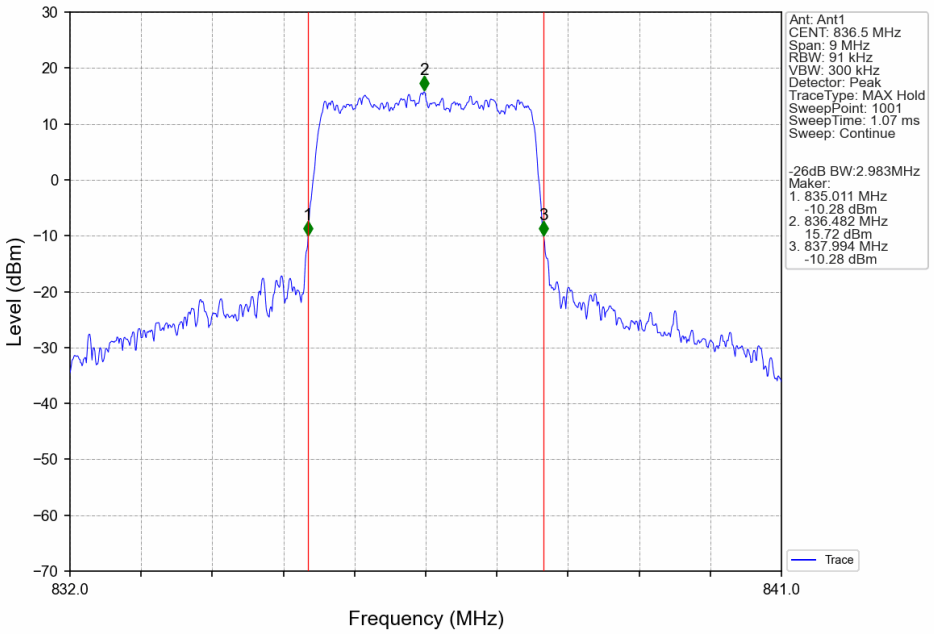
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



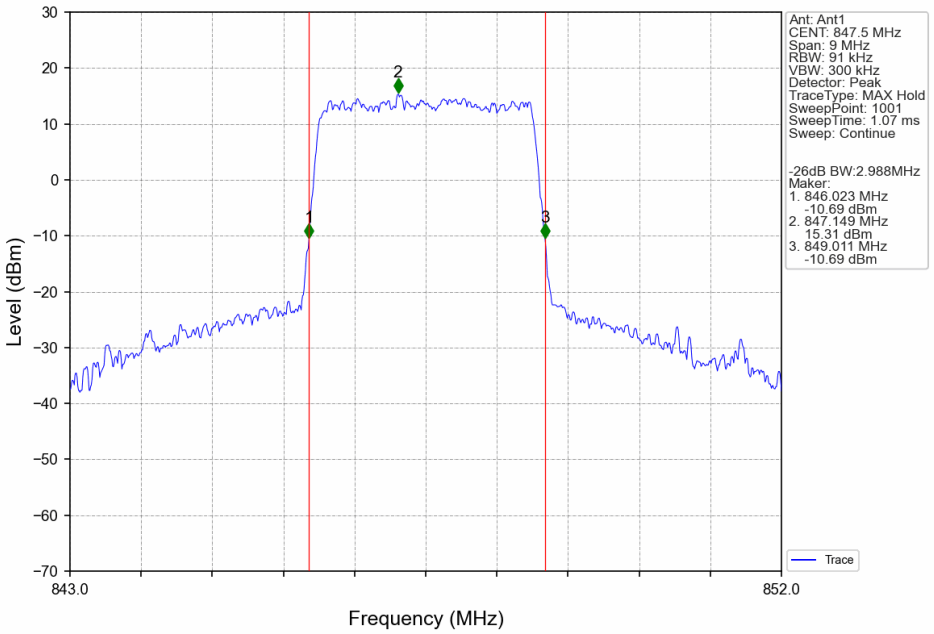
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



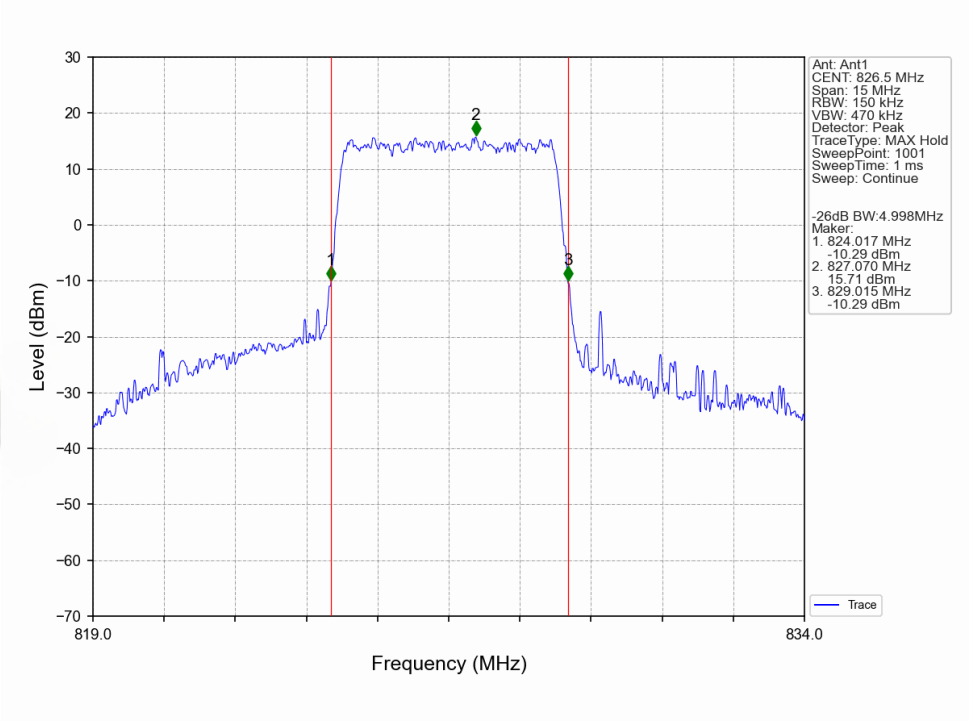
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



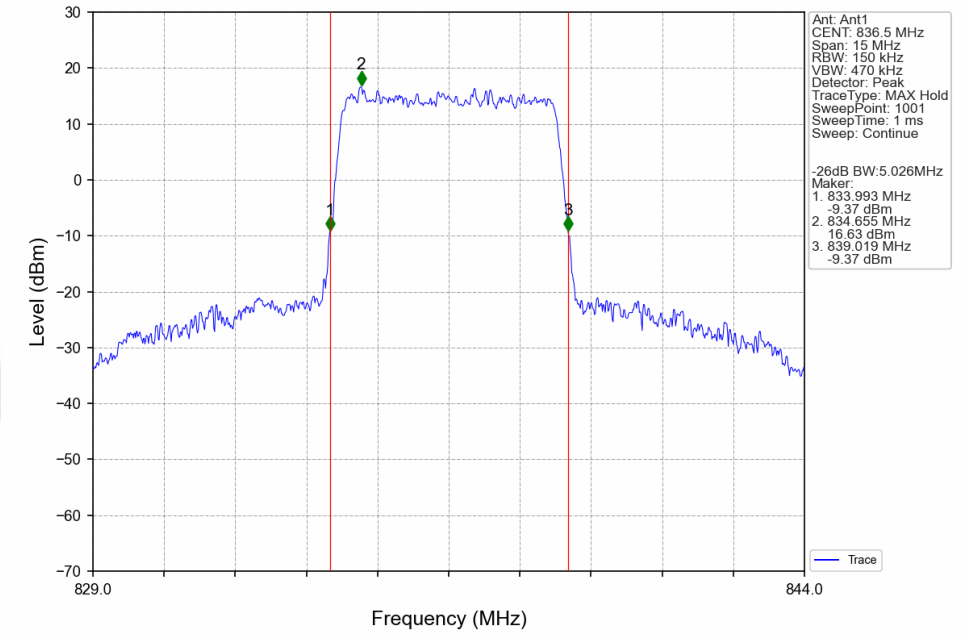
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



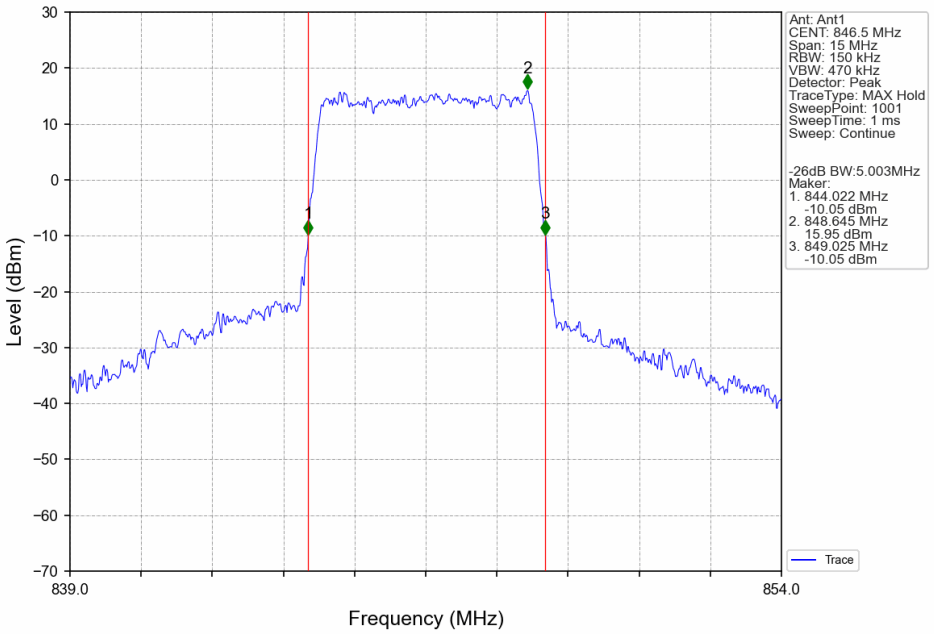
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



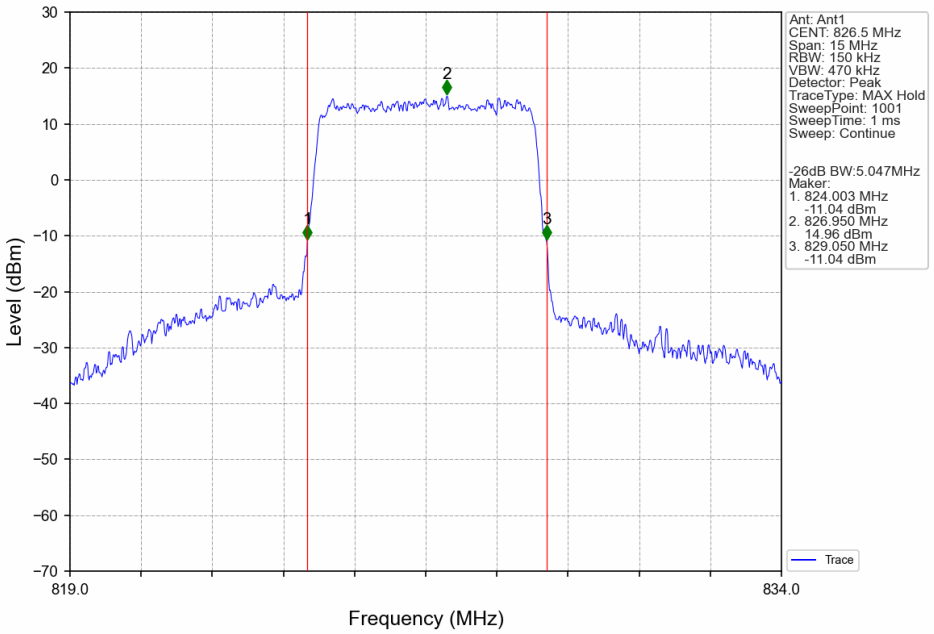
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



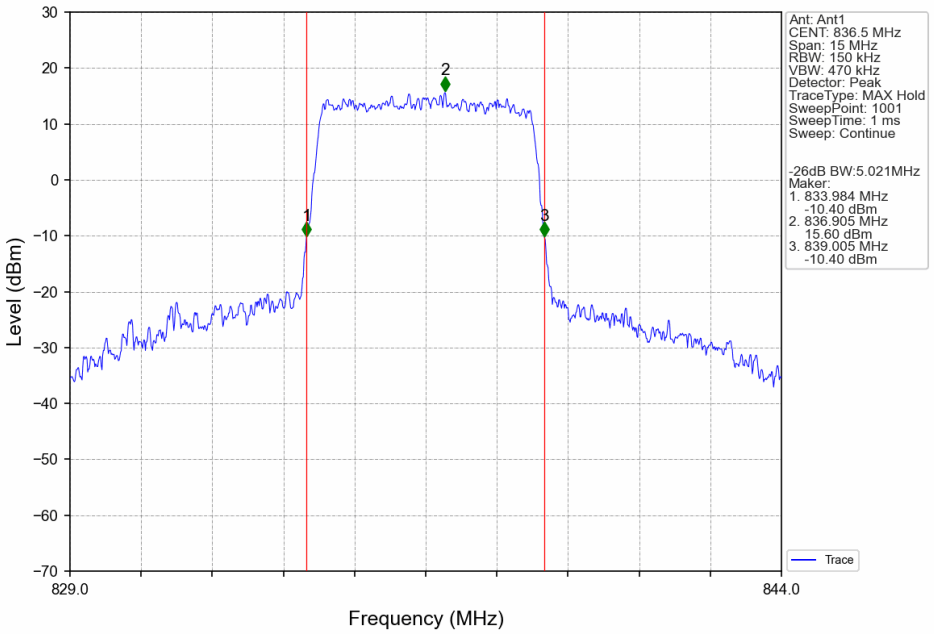
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



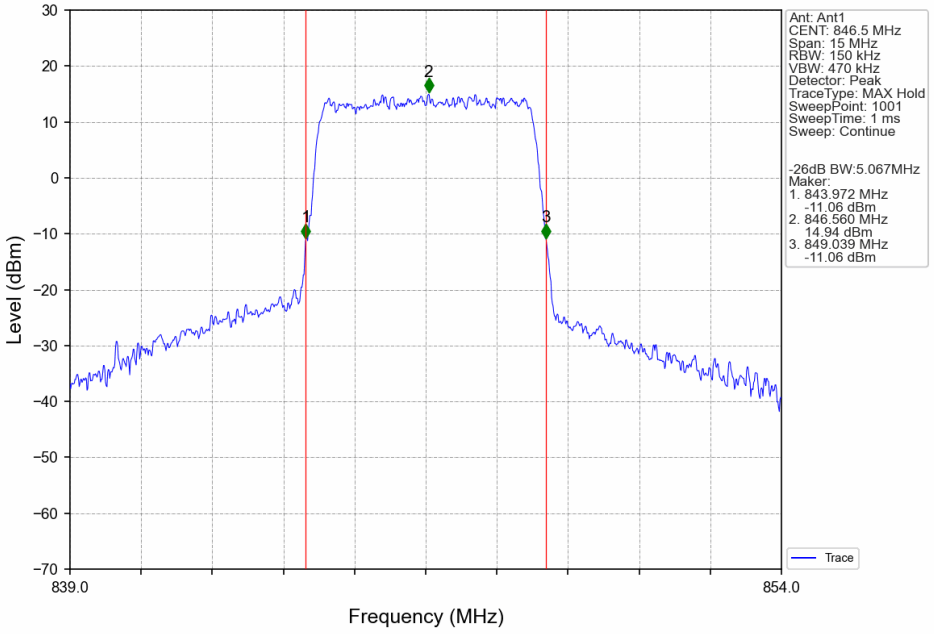
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



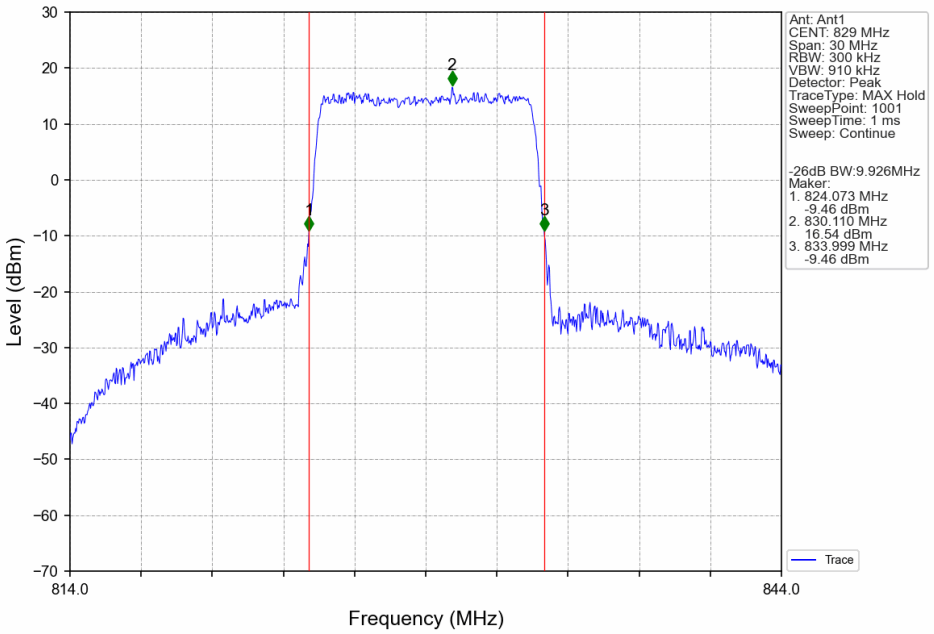
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



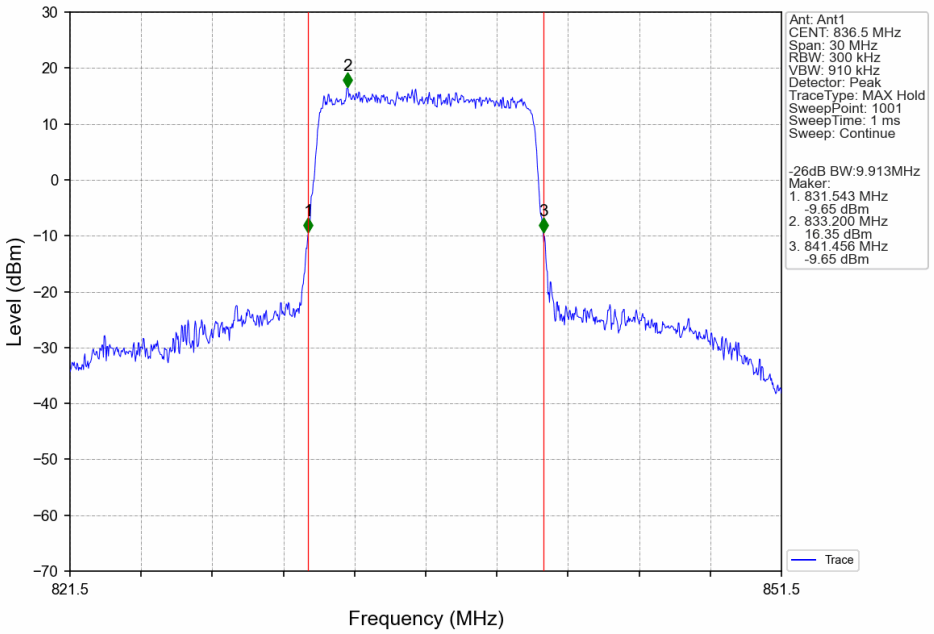
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



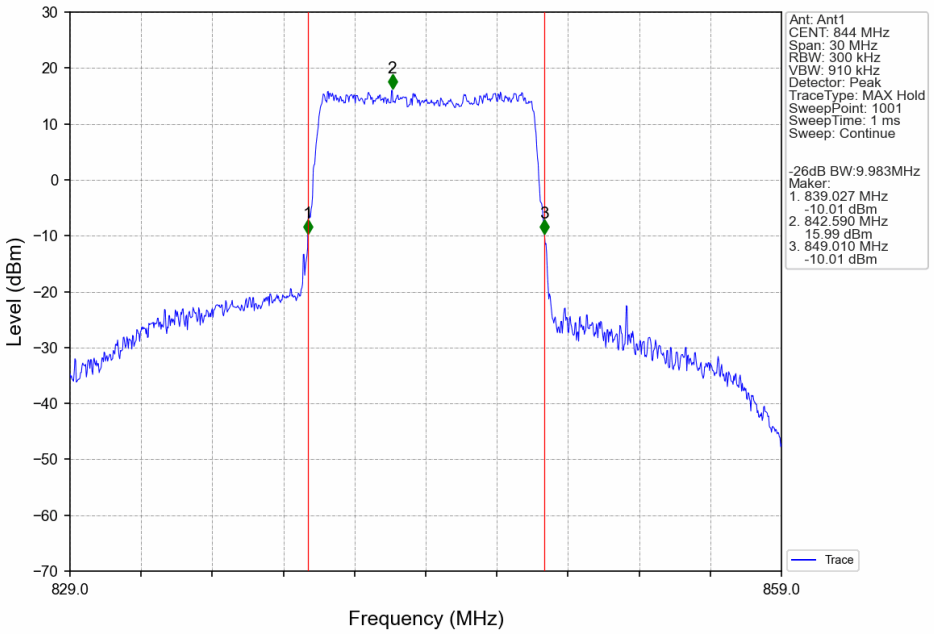
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



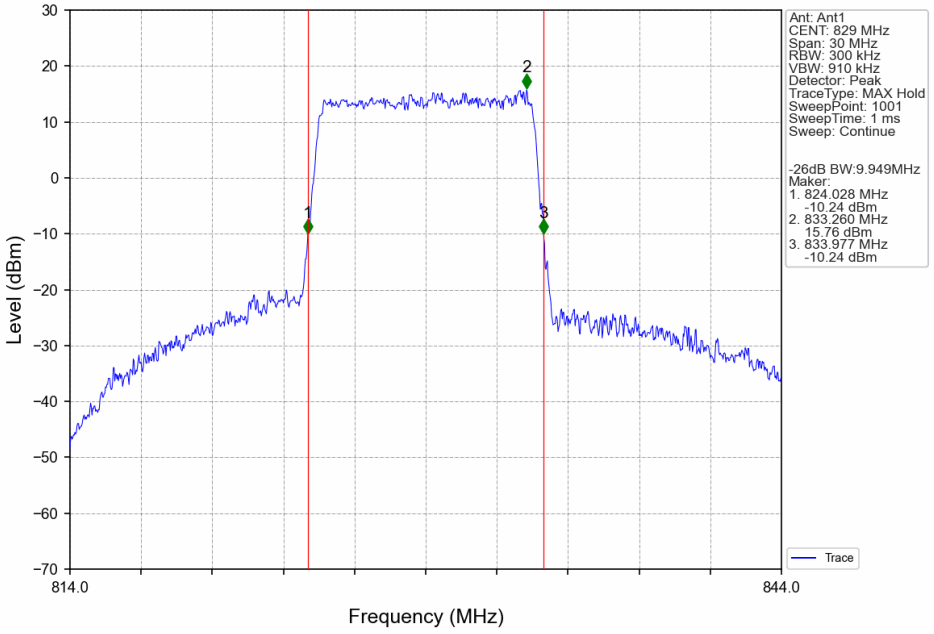
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



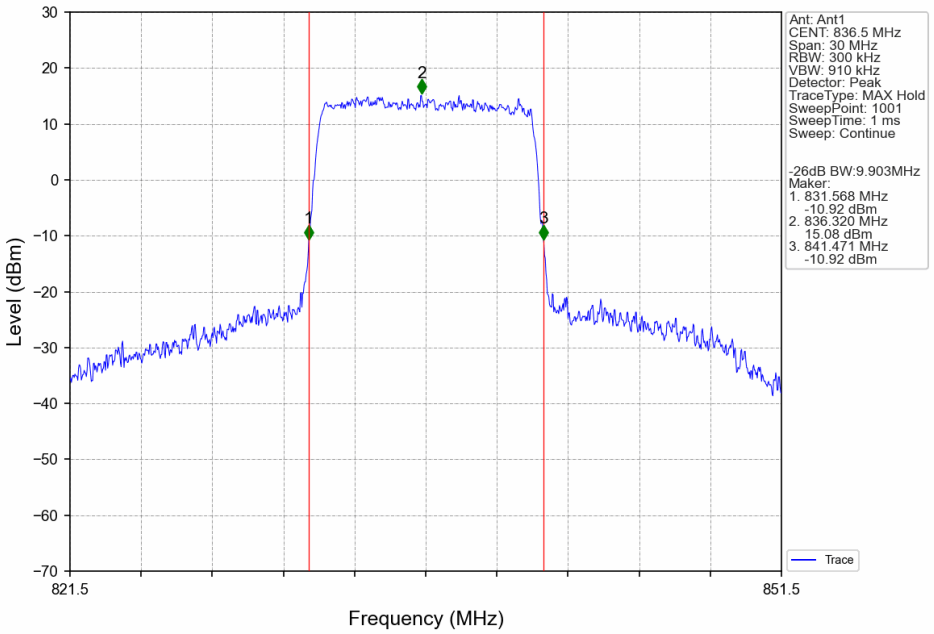
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



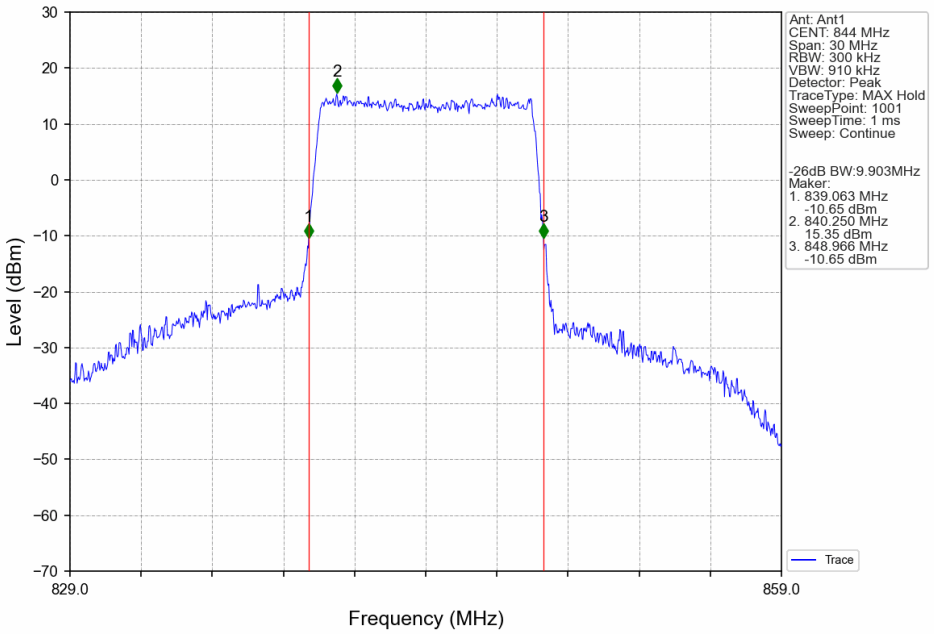
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.21	<=13	Pass
	836.5	6	0	5.01	<=13	Pass
	848.3	6	0	5.59	<=13	Pass
16QAM	824.7	6	0	6.06	<=13	Pass
	836.5	6	0	5.93	<=13	Pass
	848.3	6	0	6.38	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.54	<=13	Pass
	836.5	15	0	5.28	<=13	Pass
	847.5	15	0	5.69	<=13	Pass
16QAM	825.5	15	0	6.37	<=13	Pass
	836.5	15	0	6.10	<=13	Pass
	847.5	15	0	6.57	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.72	<=13	Pass
	836.5	25	0	5.48	<=13	Pass
	846.5	25	0	5.77	<=13	Pass
16QAM	826.5	25	0	6.46	<=13	Pass
	836.5	25	0	6.18	<=13	Pass
	846.5	25	0	6.53	<=13	Pass

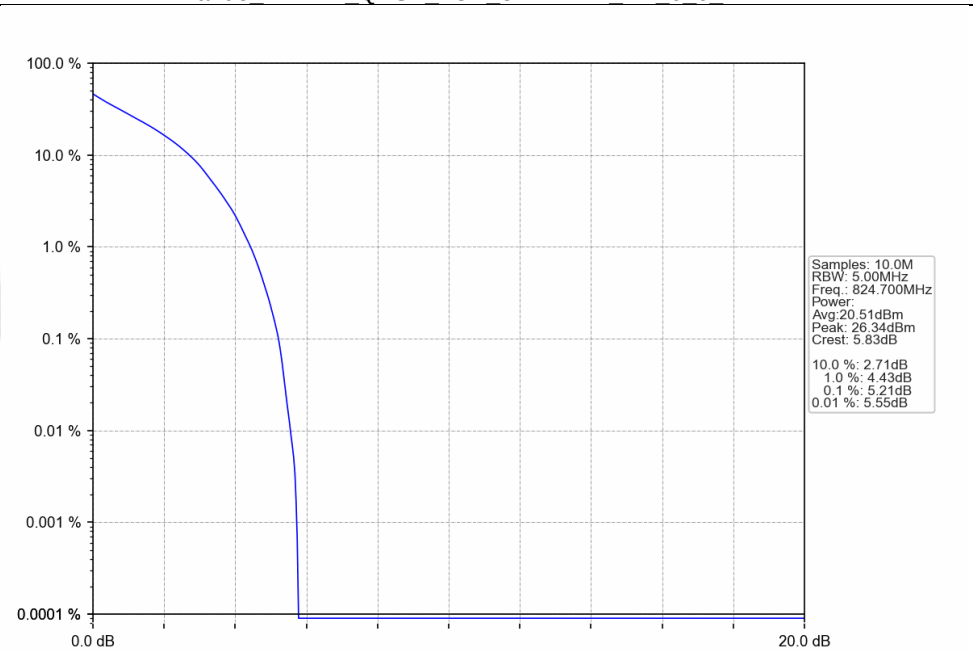
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.65	<=13	Pass
	836.5	50	0	5.46	<=13	Pass
	844	50	0	5.77	<=13	Pass
16QAM	829	50	0	6.43	<=13	Pass
	836.5	50	0	6.25	<=13	Pass
	844	50	0	6.49	<=13	Pass

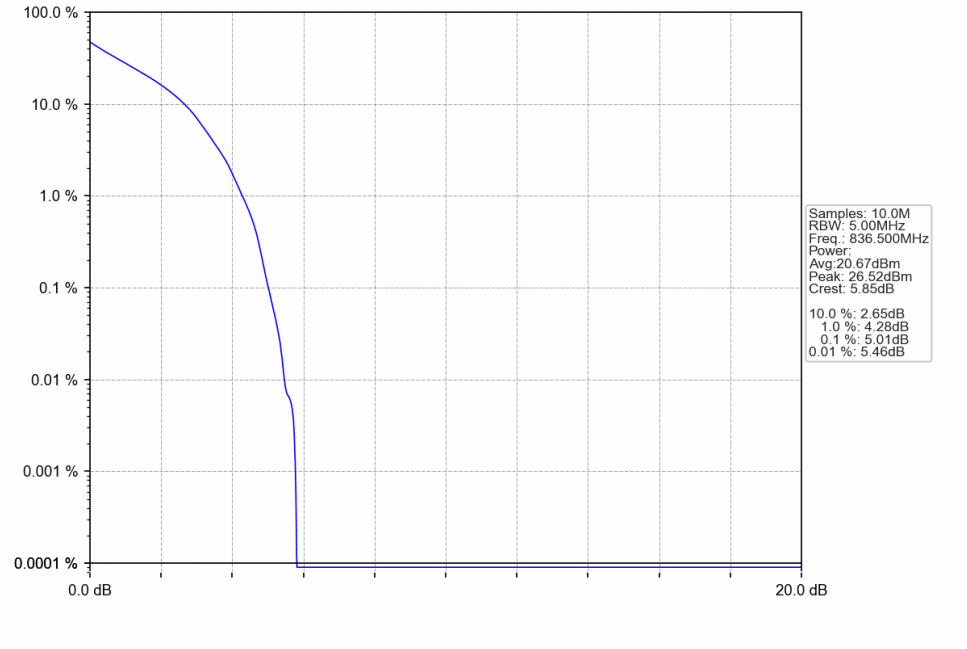
5.2 Test Graph

5.2.1 B5_1.4MHz

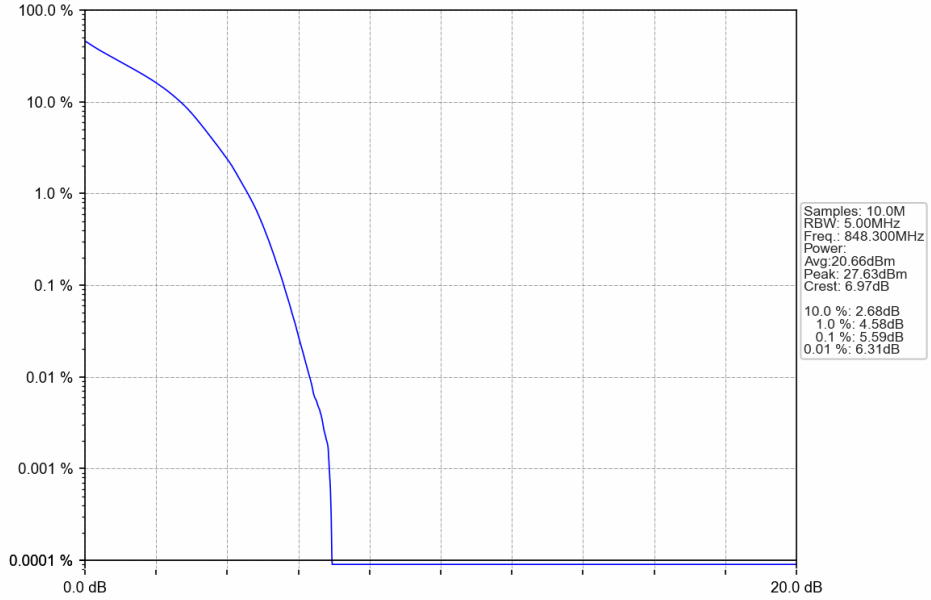
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



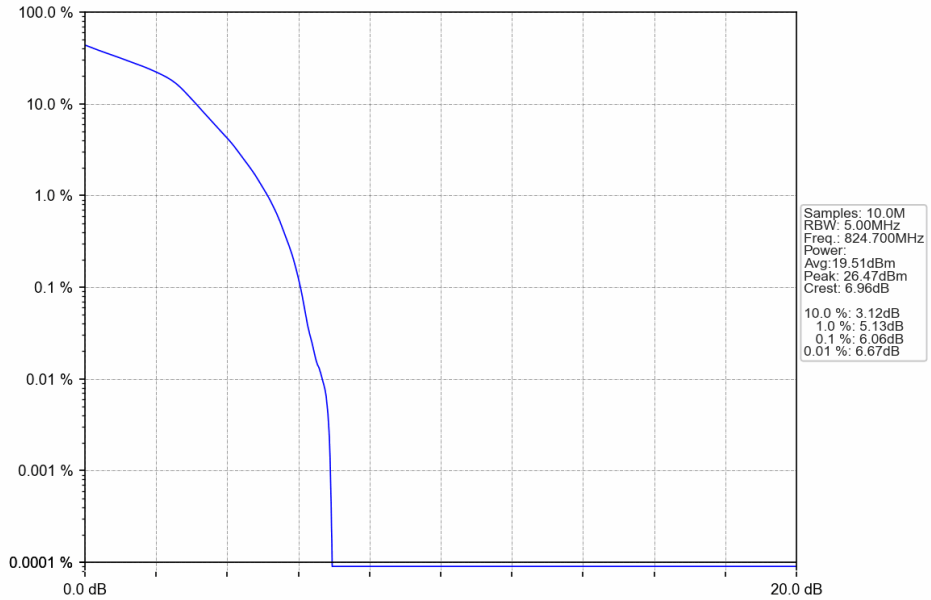
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



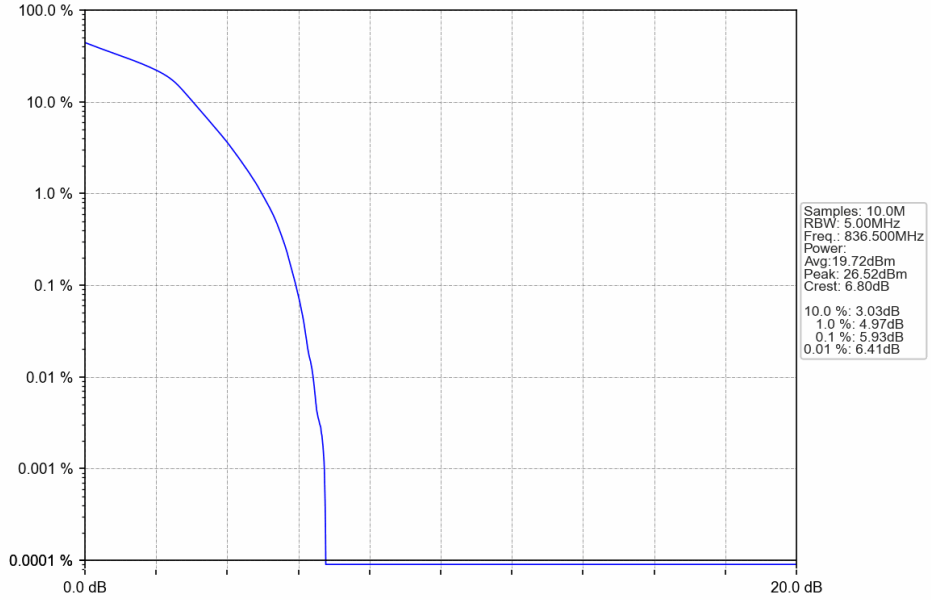
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



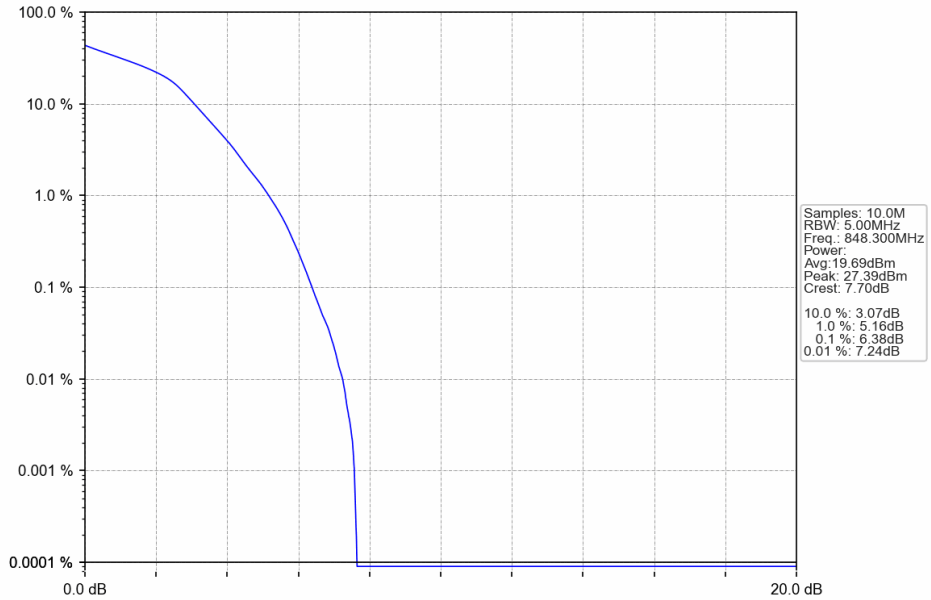
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

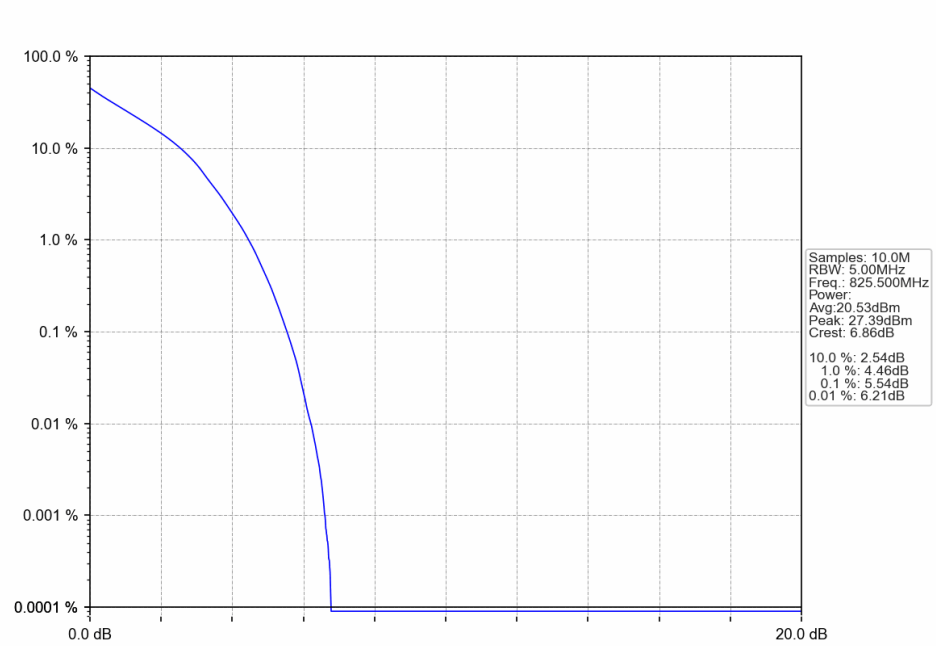


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

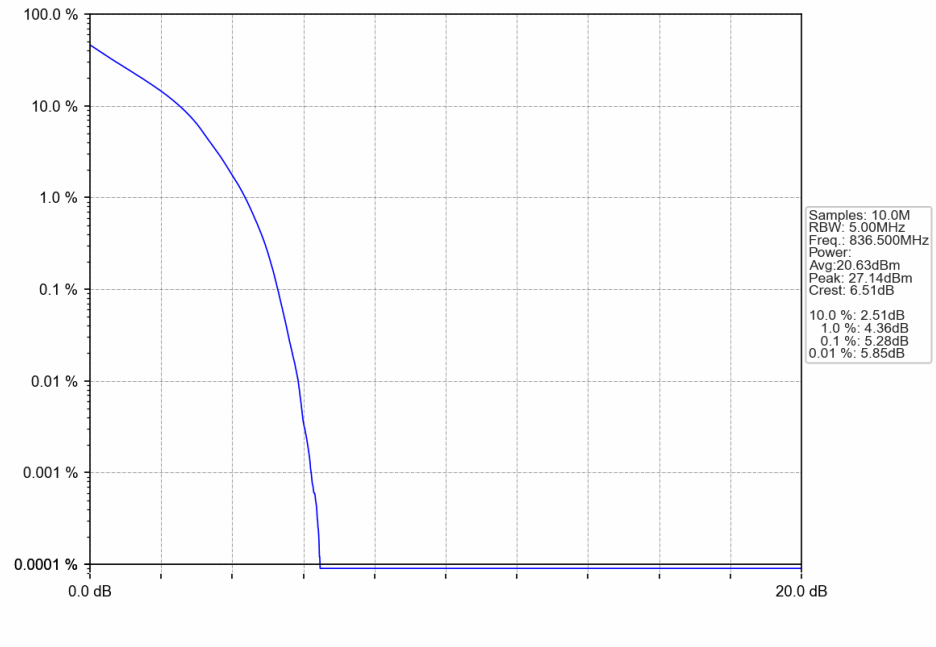


5.2.2 B5_3MHz

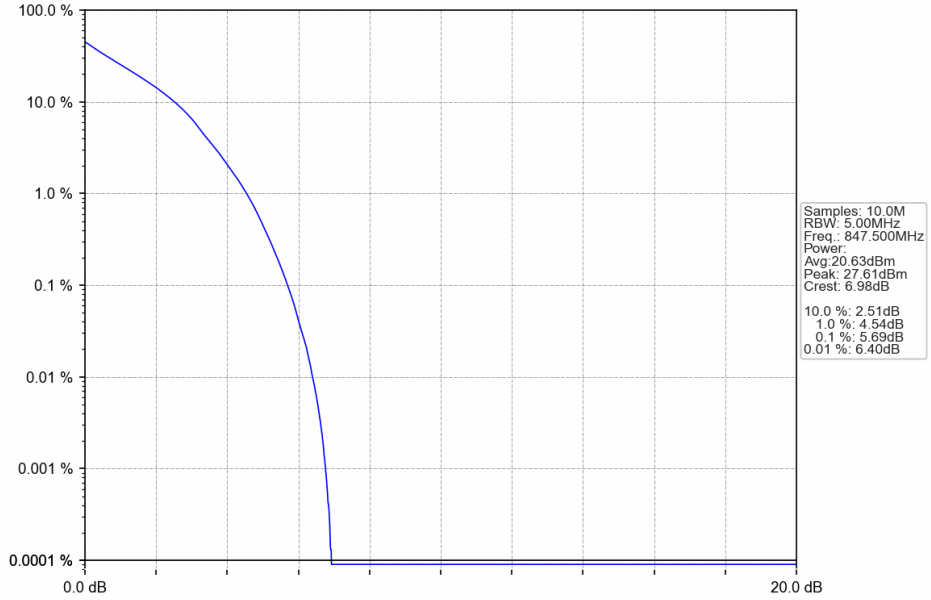
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



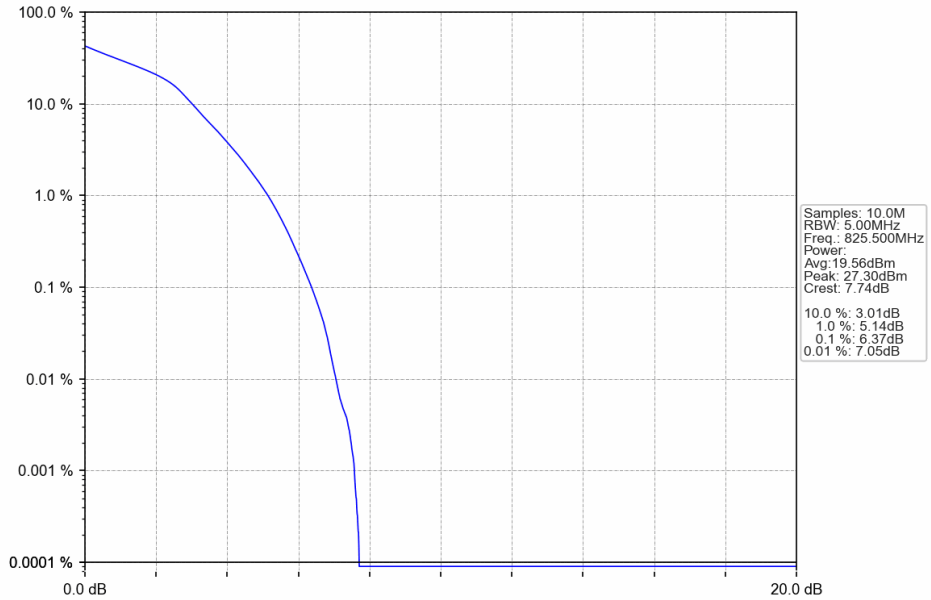
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



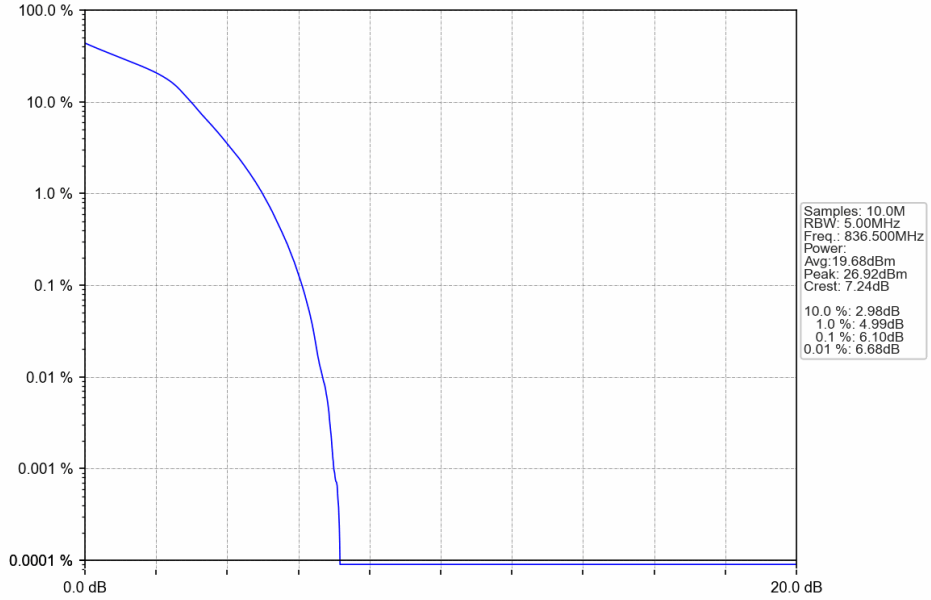
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



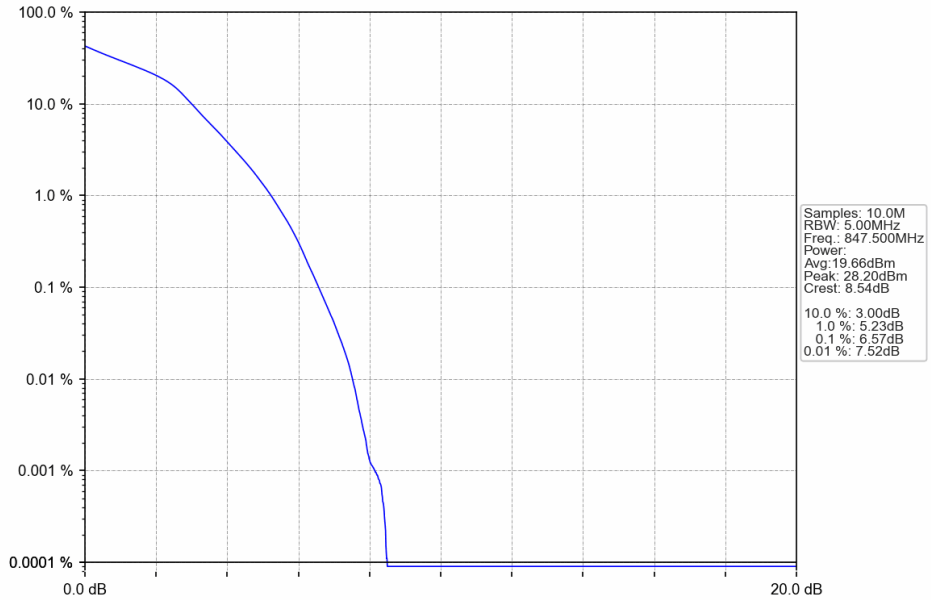
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

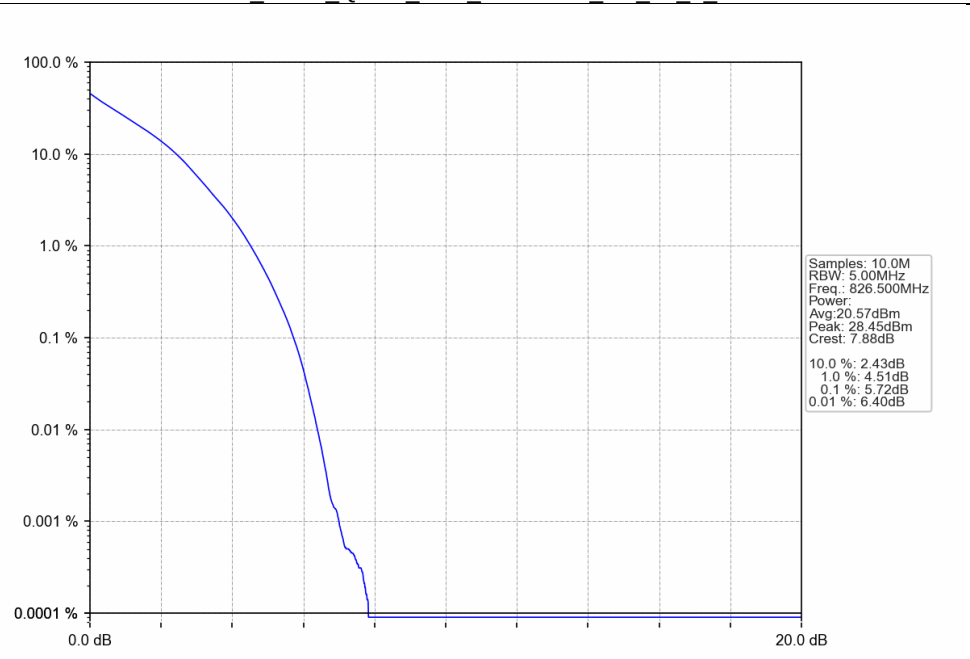


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

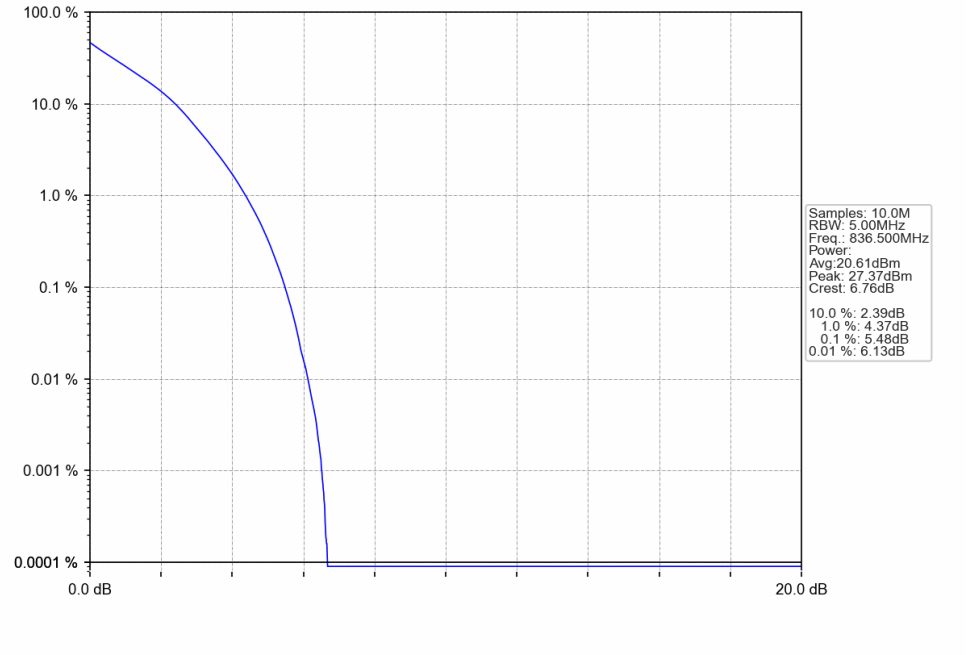


5.2.3 B5_5MHz

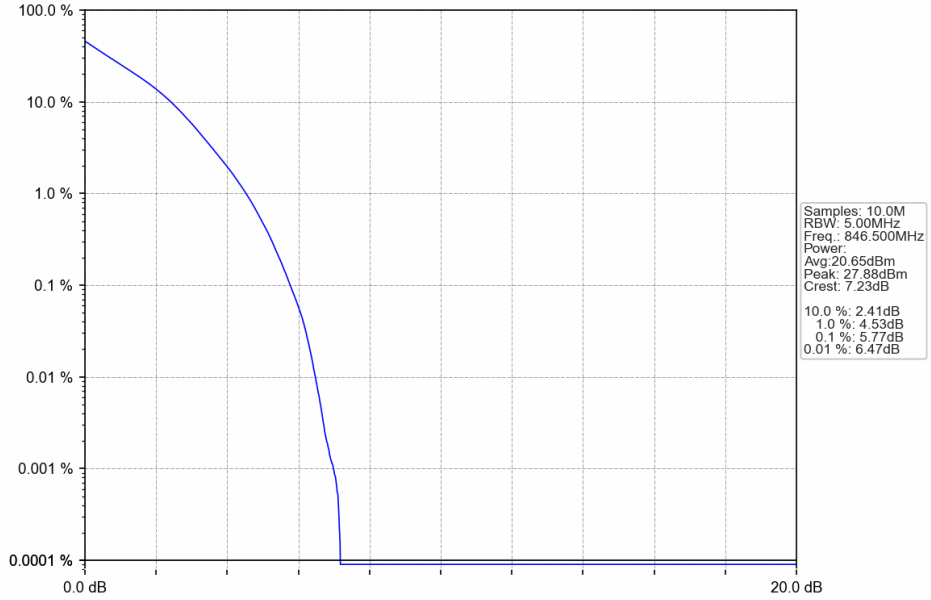
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



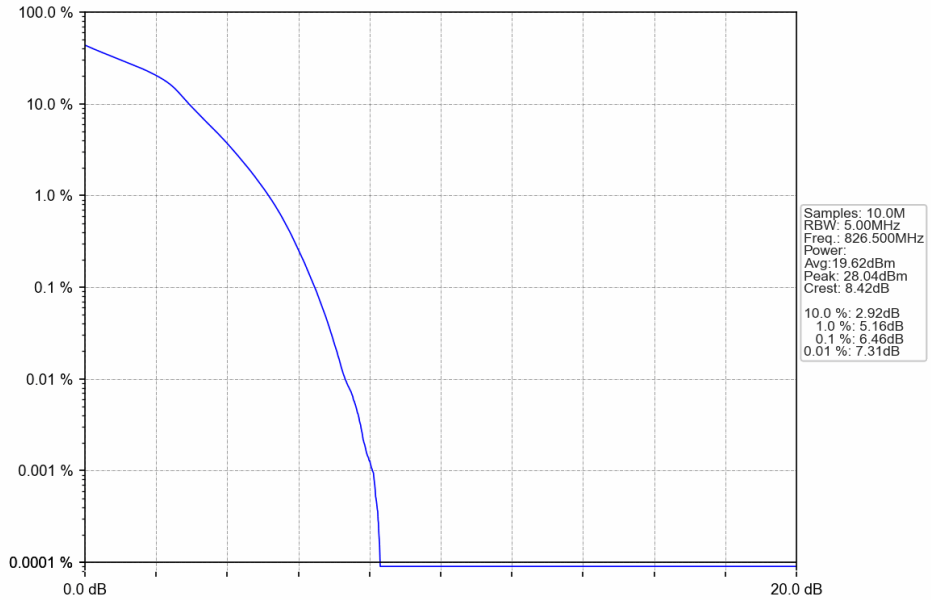
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



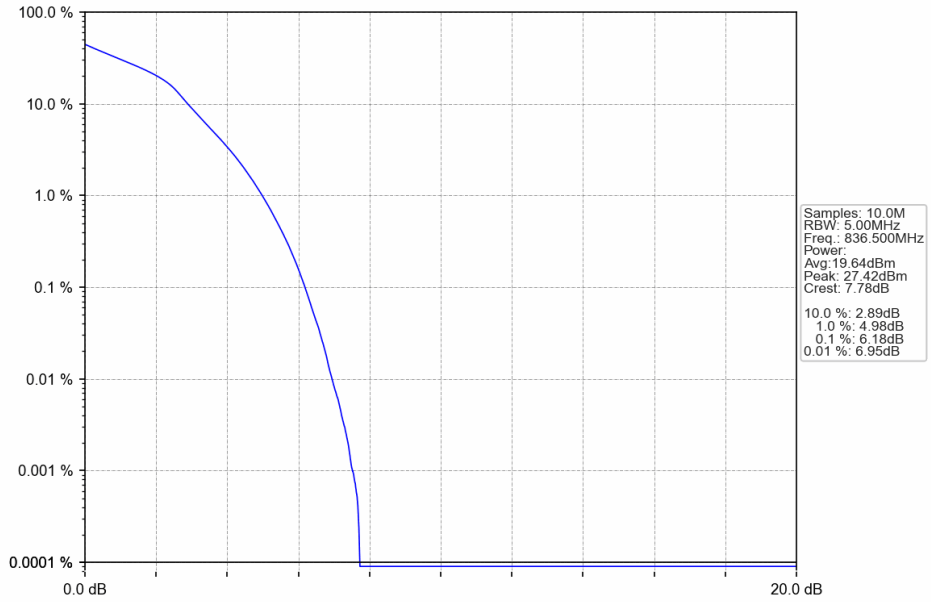
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



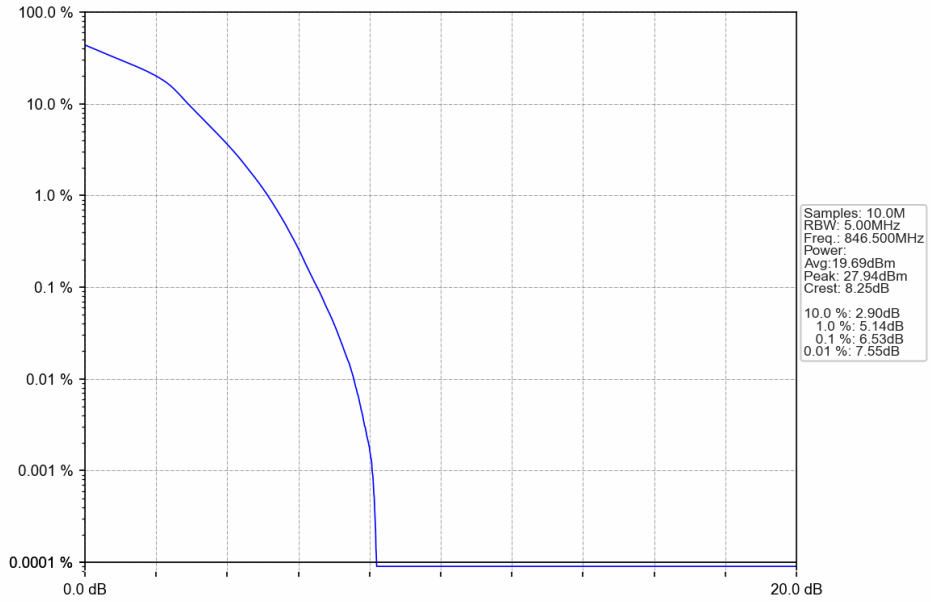
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

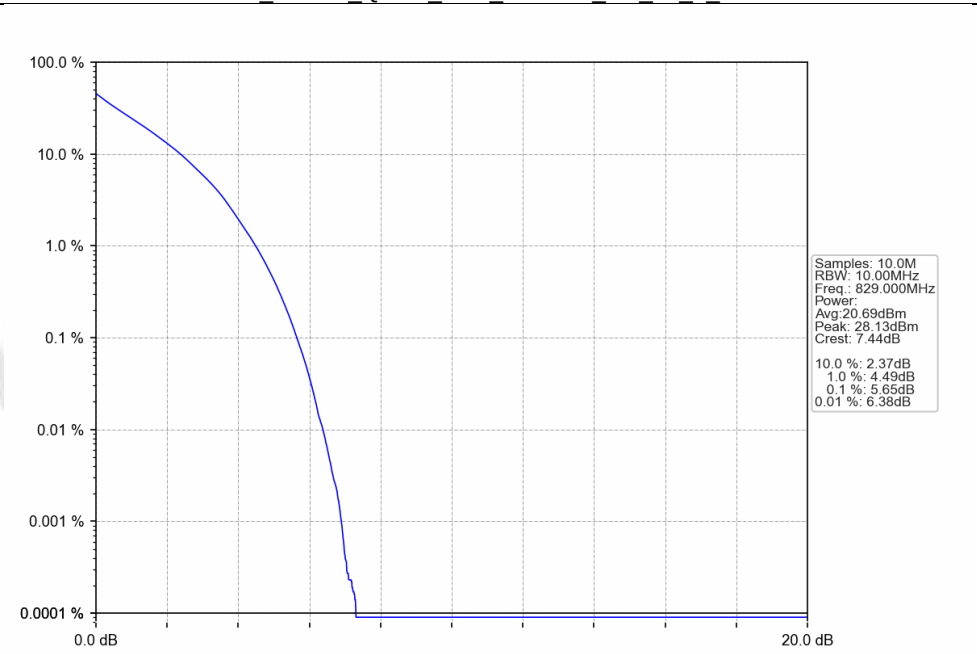


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

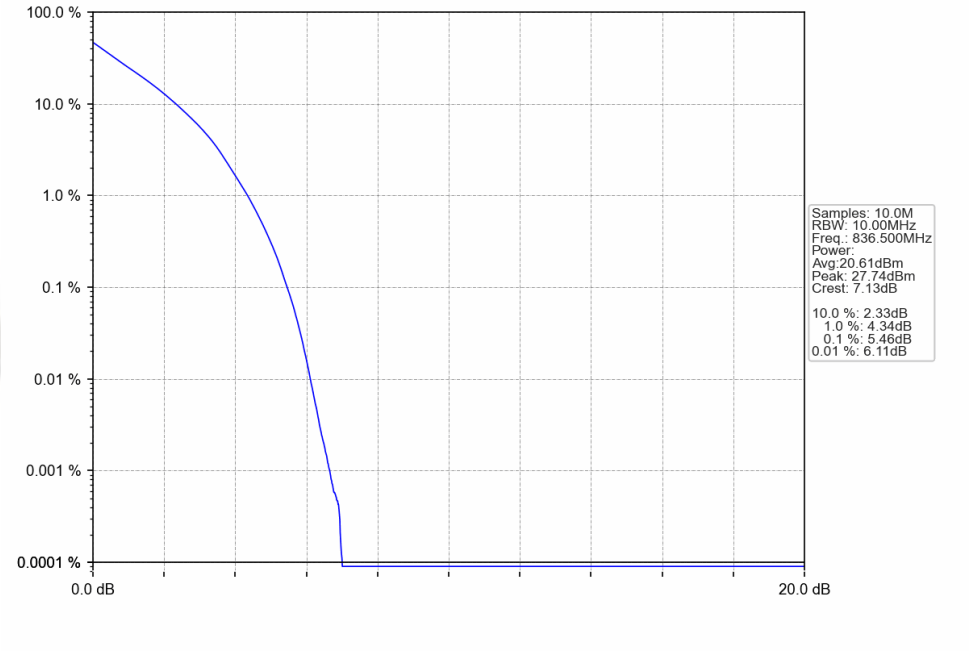


5.2.4 B5_10MHz

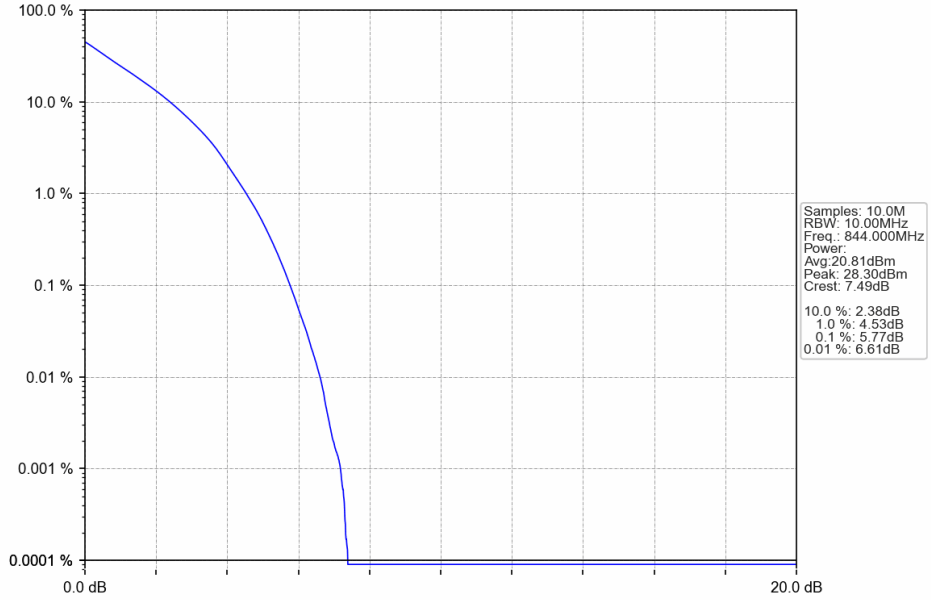
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



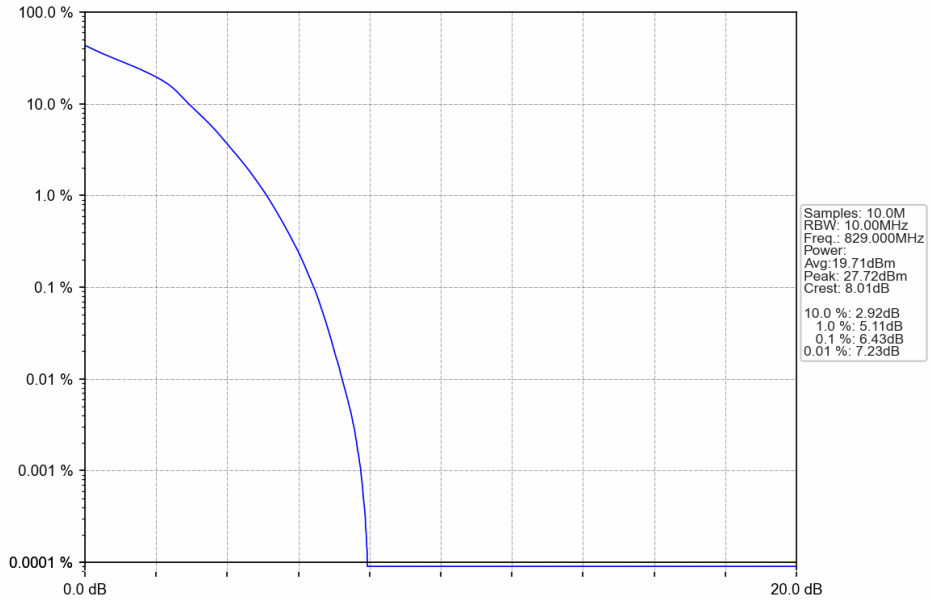
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



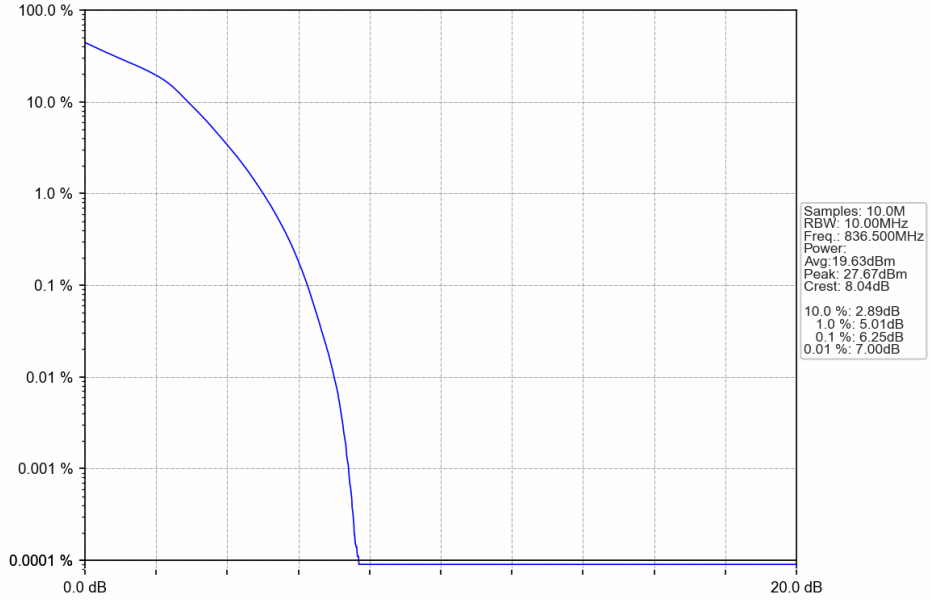
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



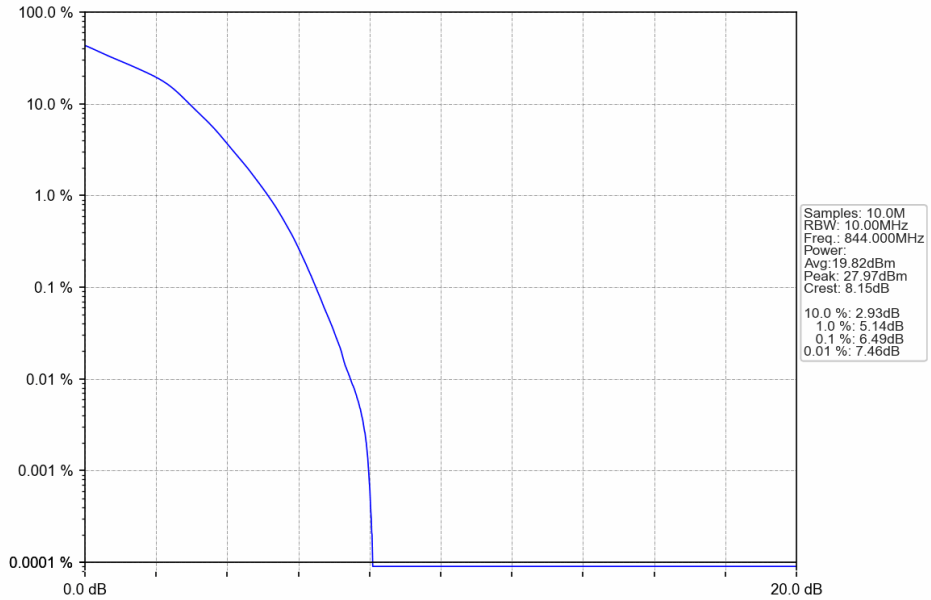
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		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 B5_3MHz

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

6.1.3 B5_5MHz

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

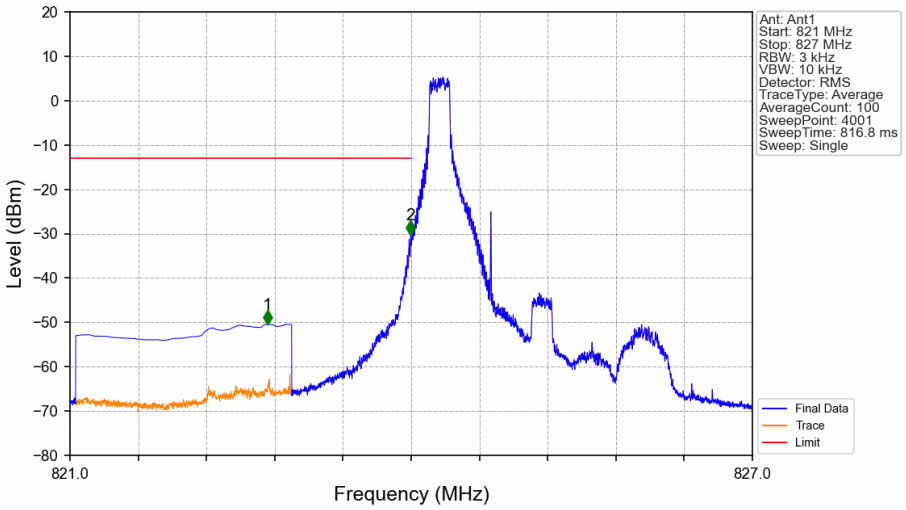
6.1.4 B5_10MHz

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

6.2 Test Graph

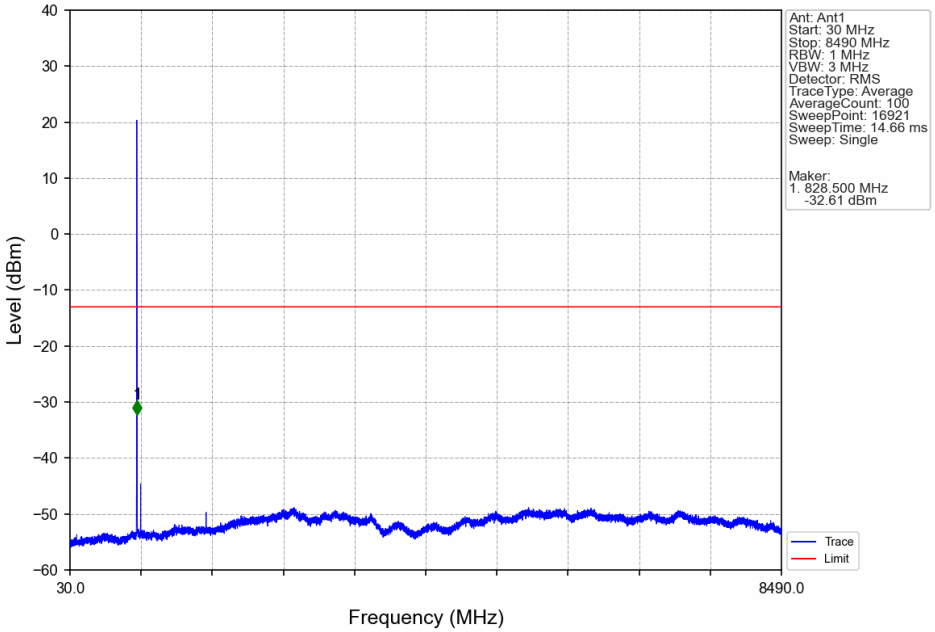
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

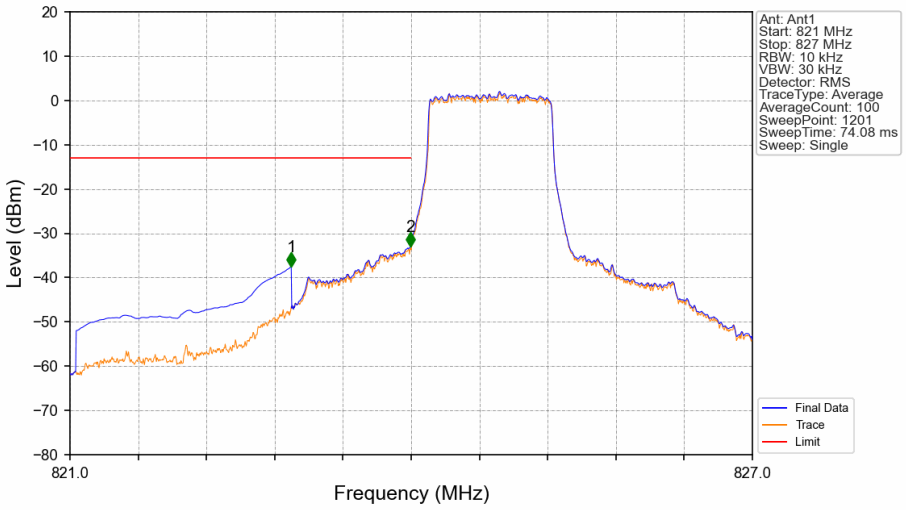


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.737	-50.44	-13	Pass
823	824	0.003	/	2	823.995	-30.24	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

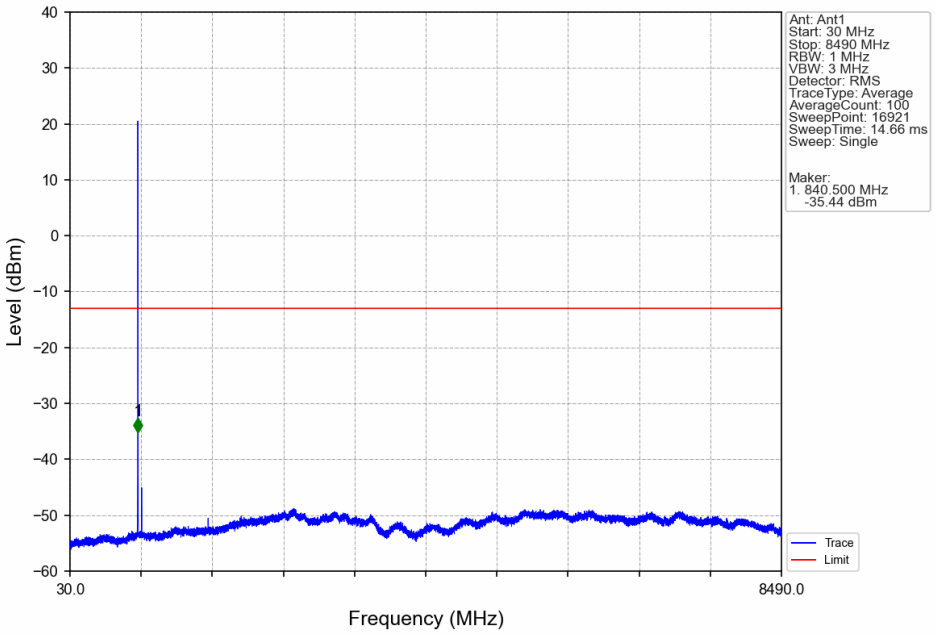


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

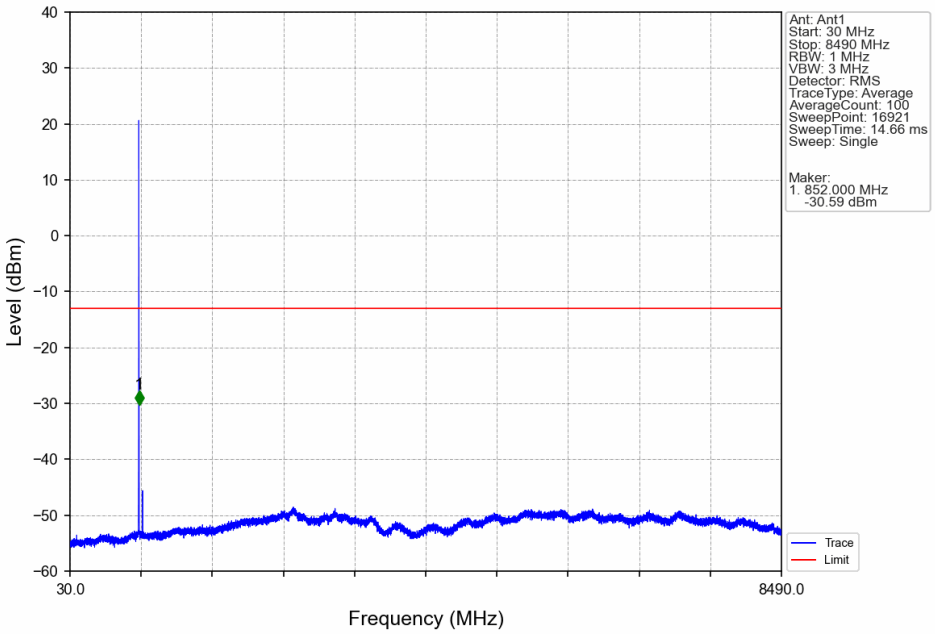


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-37.46	-13	Pass
823	824	0.013	CHP	2	823.995	-32.91	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

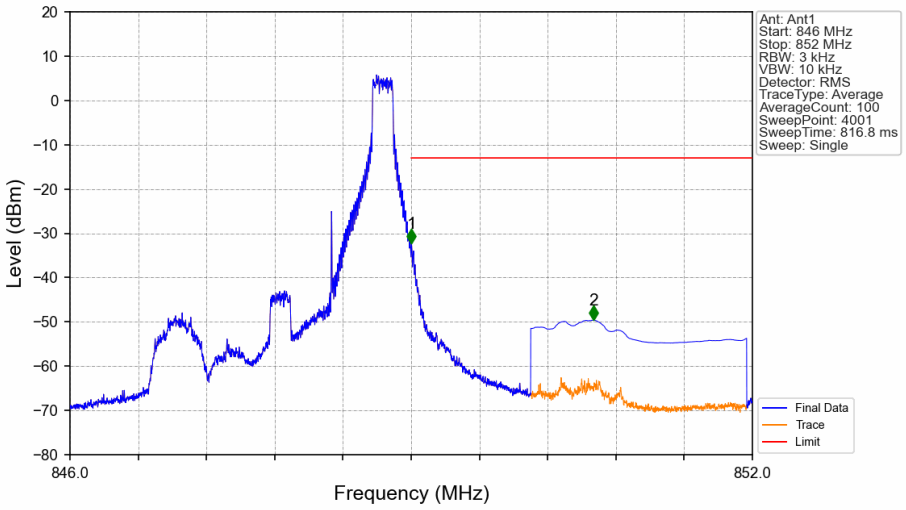
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

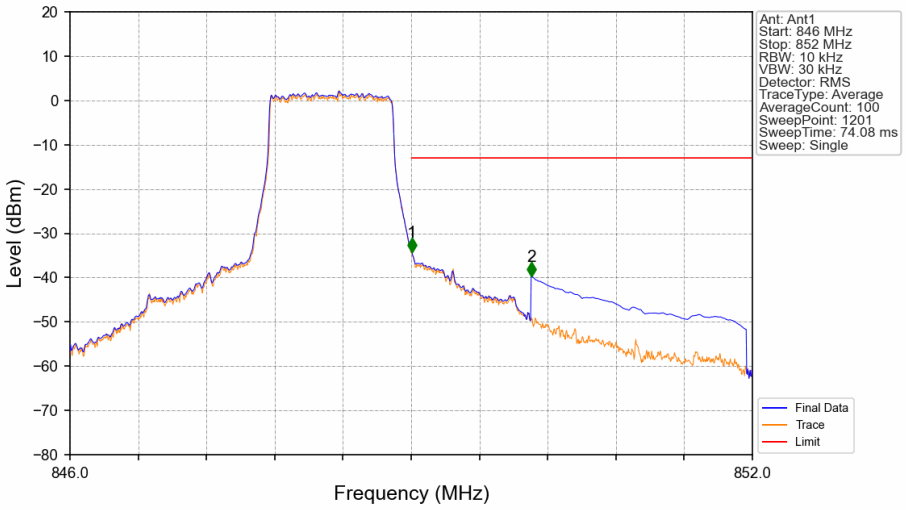


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



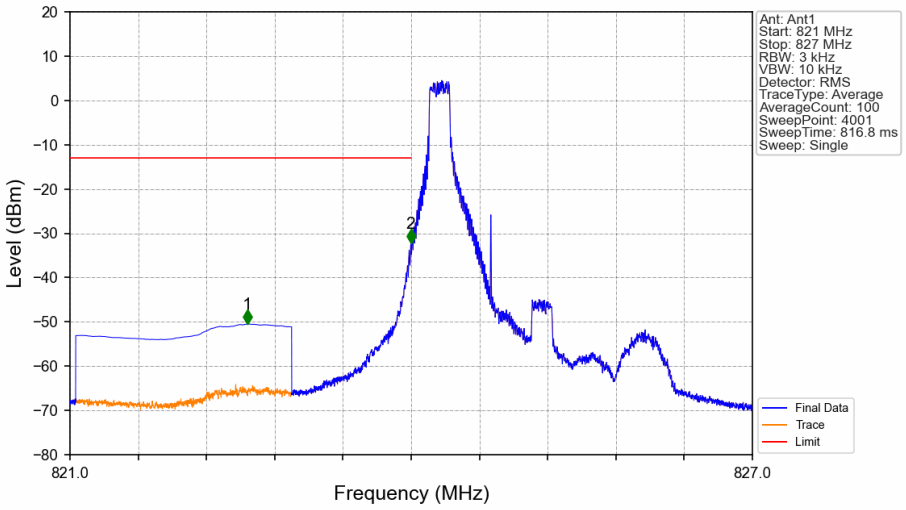
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-32.19	-13	Pass
850	852	0.1	CHP	2	850.602	-49.59	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



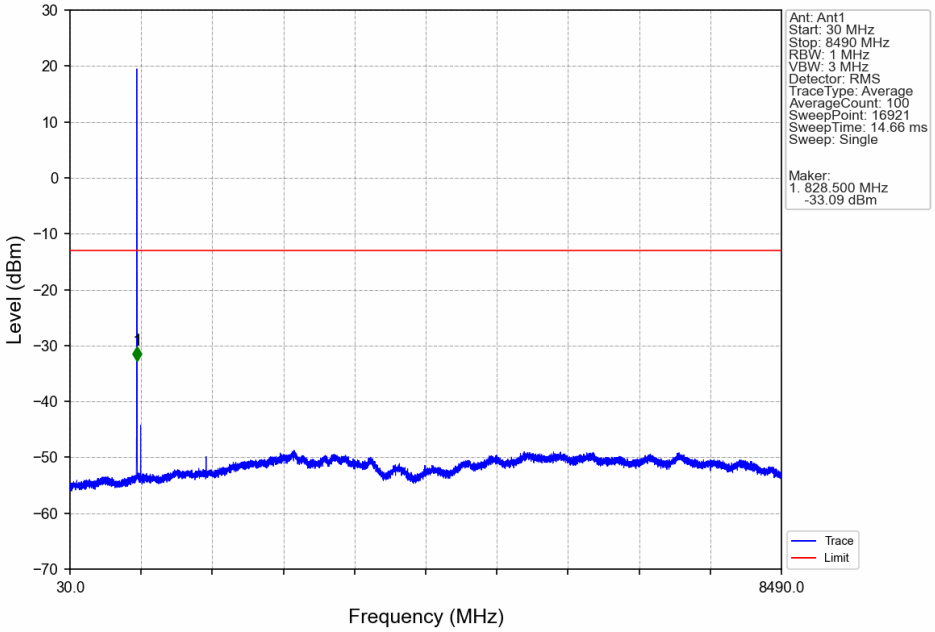
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-34.31	-13	Pass
850	852	0.1	CHP	2	850.055	-39.76	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

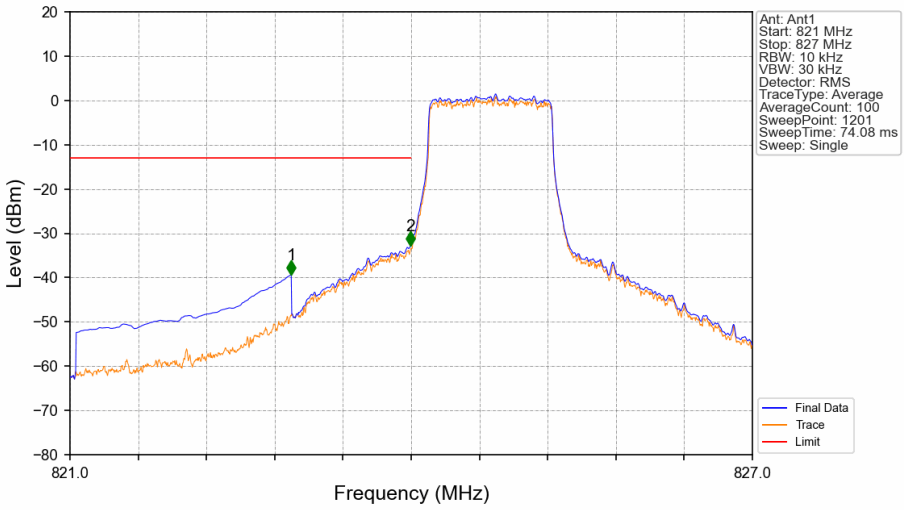


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.560	-50.49	-13	Pass
823	824	0.003	/	2	823.997	-32.14	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

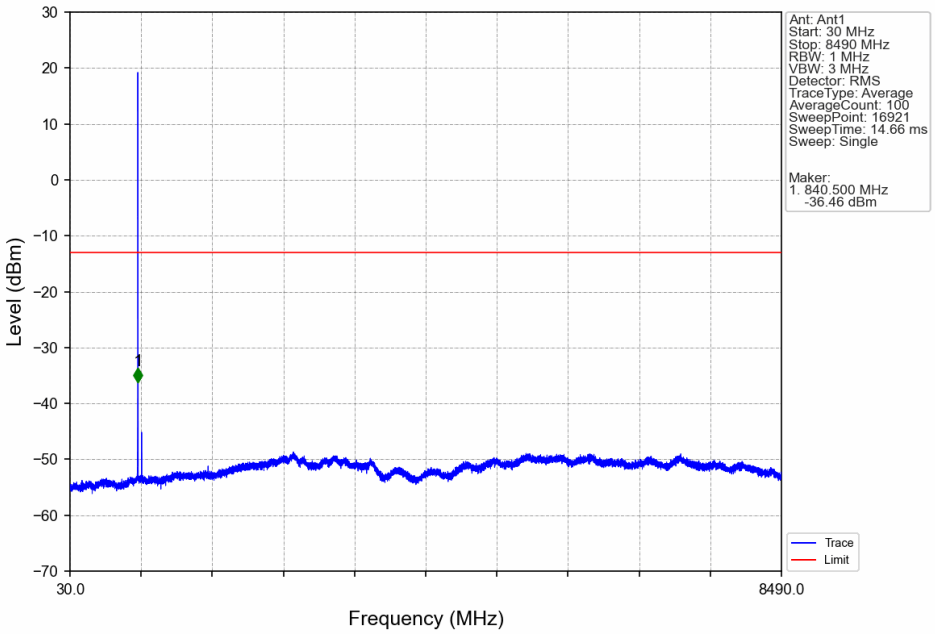


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

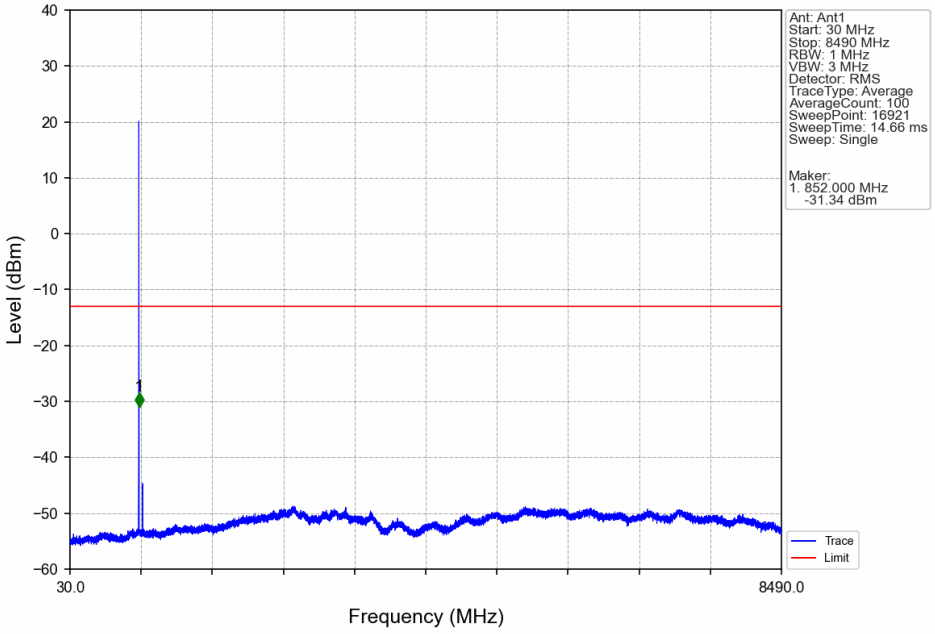


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-39.35	-13	Pass
823	824	0.014	CHP	2	823.995	-32.76	-13	Pass
824	827	0.014	CHP	/	/	/	/	/

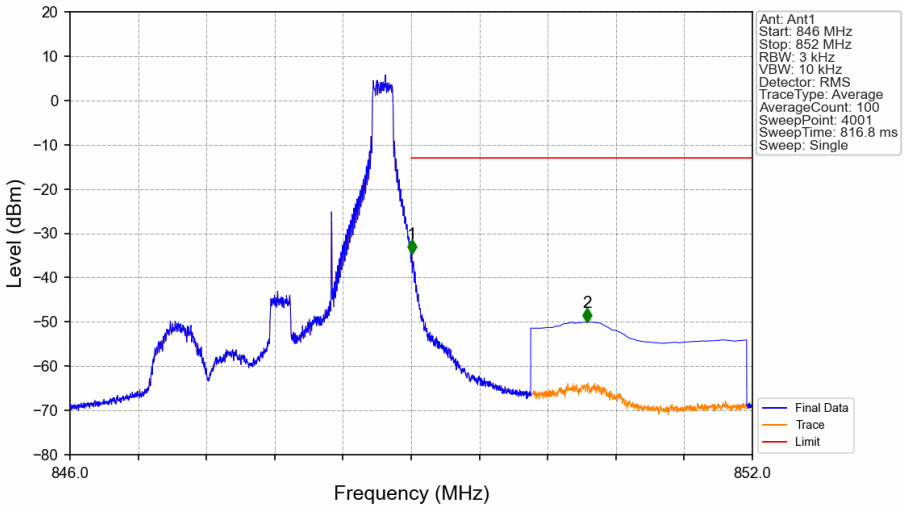
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

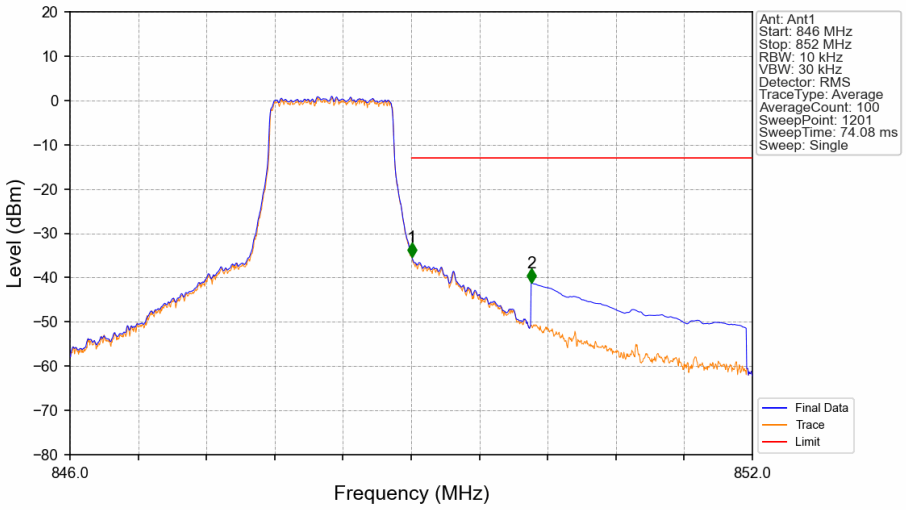


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-34.63	-13	Pass
850	852	0.1	CHP	2	850.548	-49.99	-13	Pass

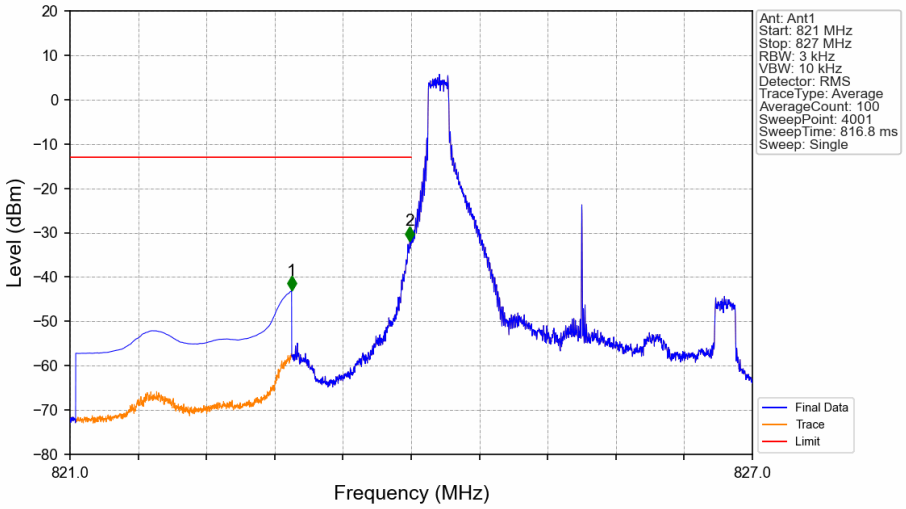
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-35.30	-13	Pass
850	852	0.1	CHP	2	850.055	-41.14	-13	Pass

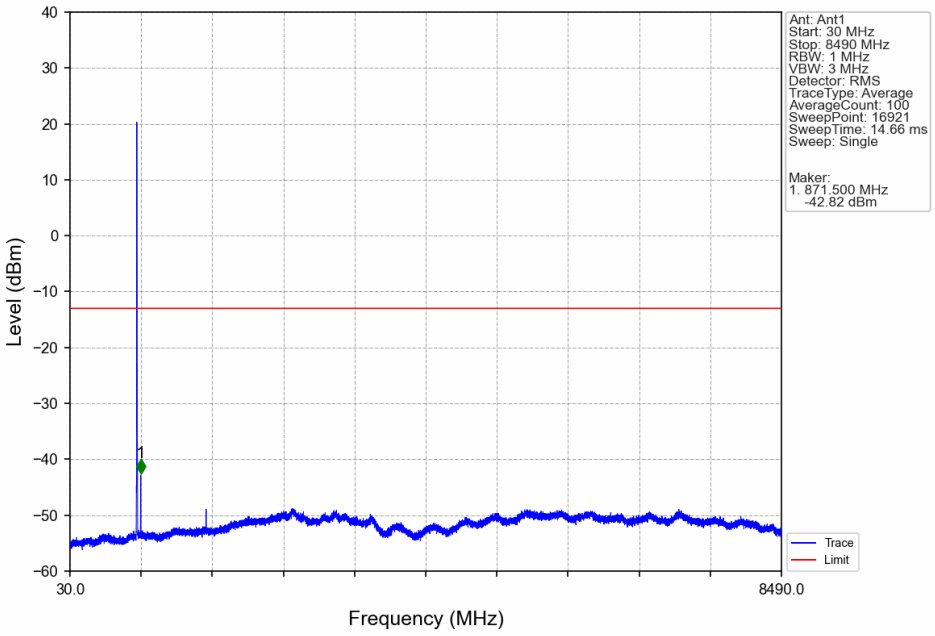
6.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

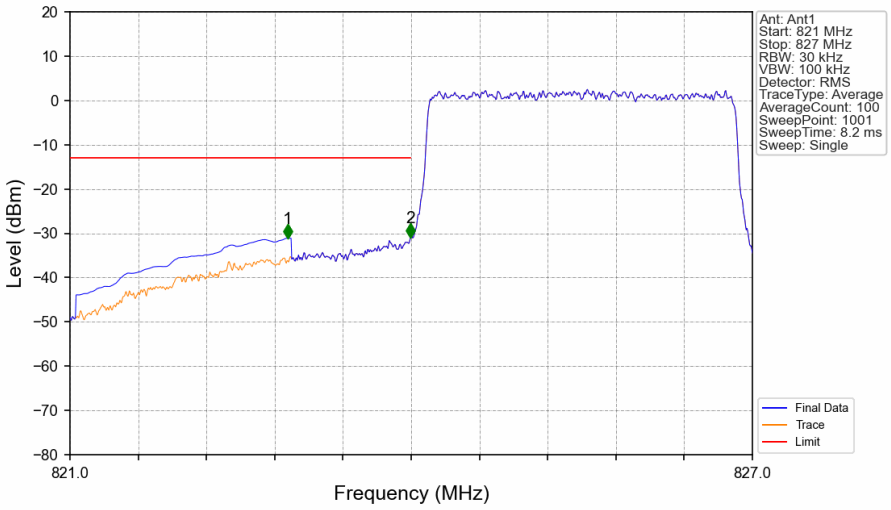


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-43.03	-13	Pass
823	824	0.003	/	2	823.988	-31.76	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

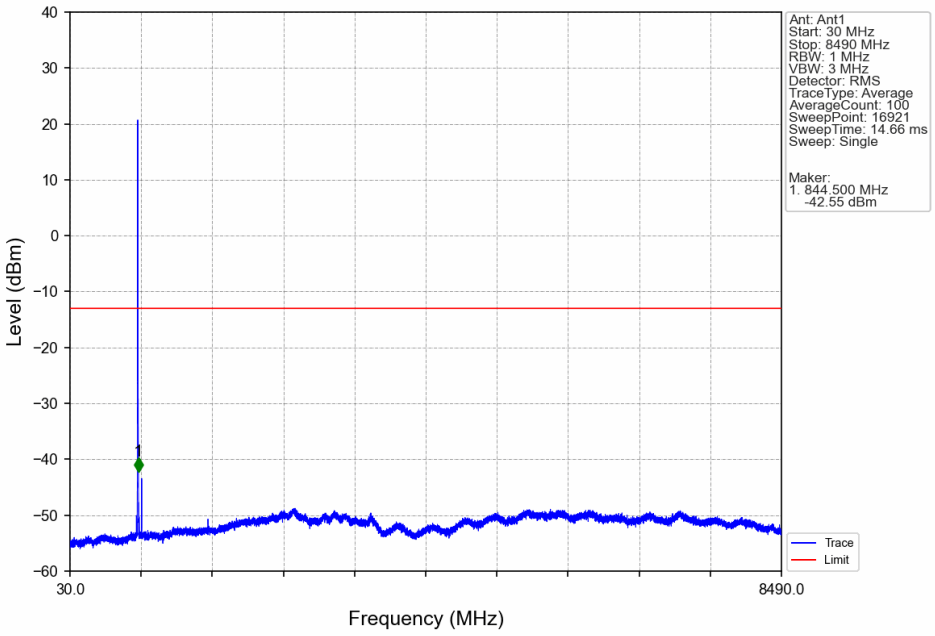


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

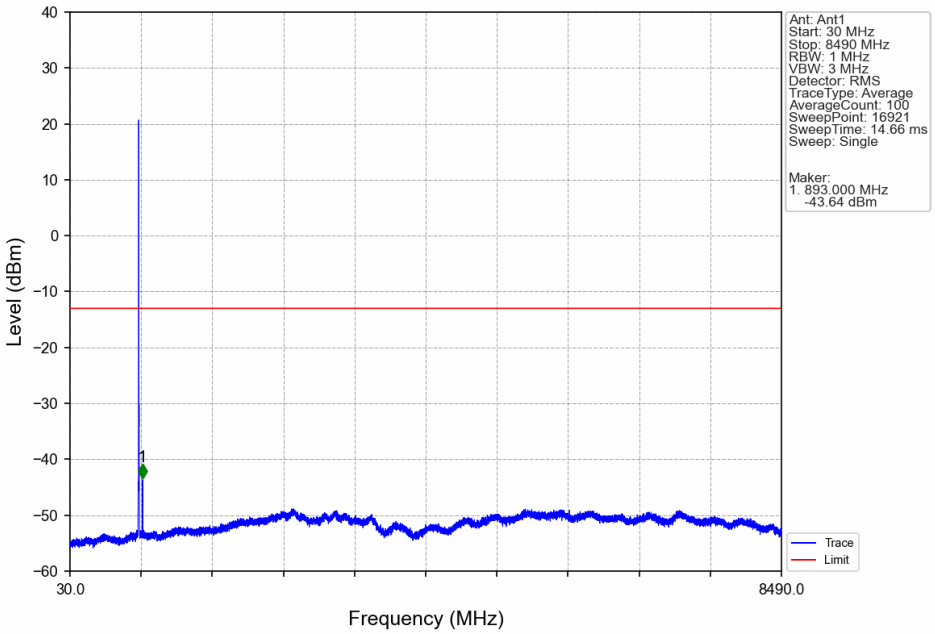


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.914	-31.09	-13	Pass
823	824	0.03	/	2	823.994	-30.98	-13	Pass
824	827	0.03	/	/	/	/	/	/

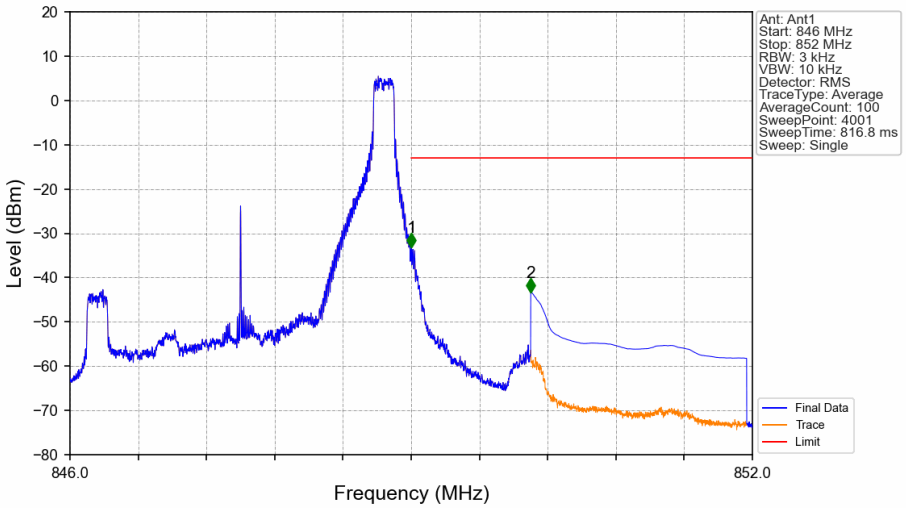
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

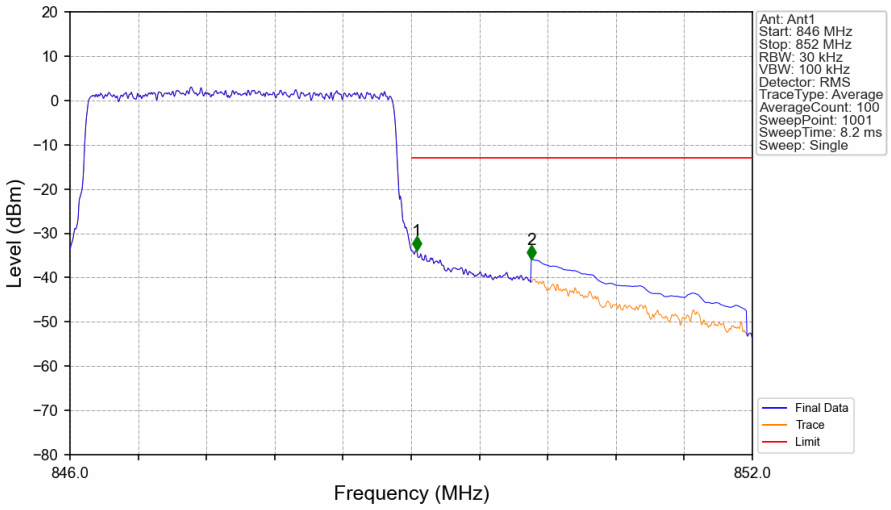


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



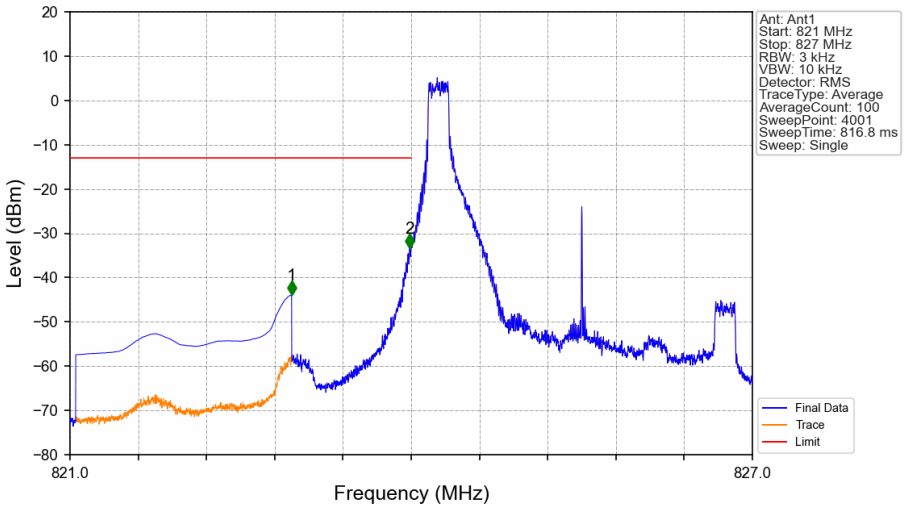
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-33.12	-13	Pass
850	852	0.1	CHP	2	850.052	-43.33	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



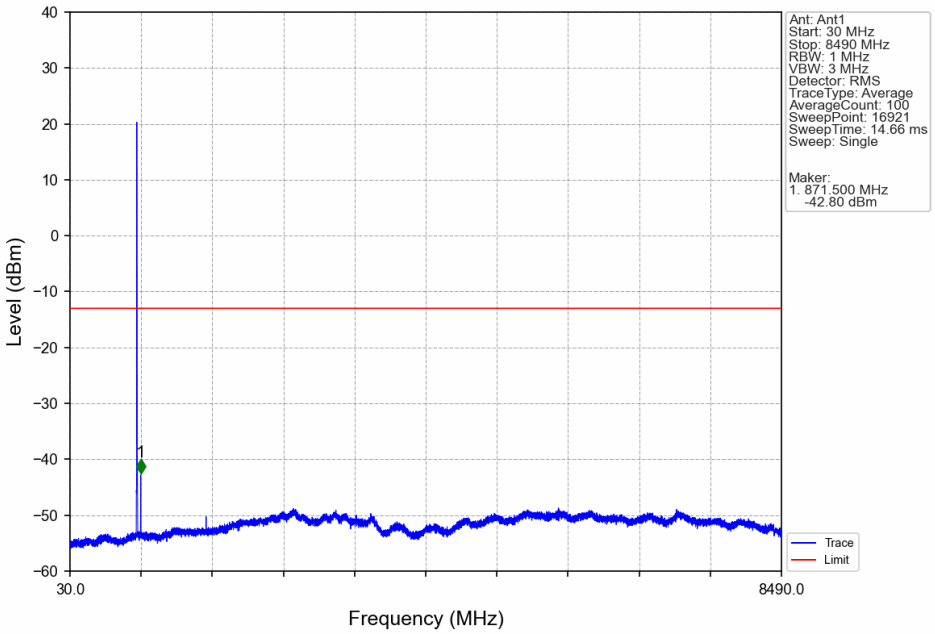
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.048	-33.78	-13	Pass
850	852	0.1	CHP	2	850.056	-35.82	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

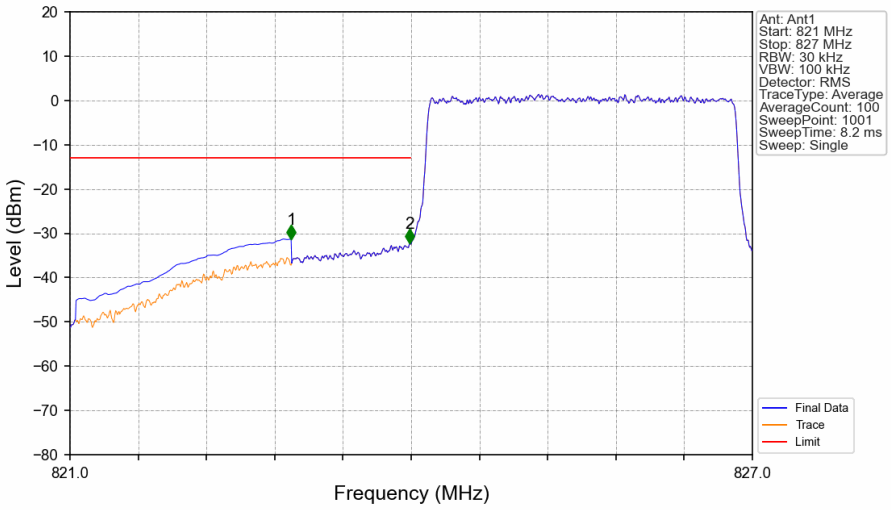


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-43.82	-13	Pass
823	824	0.003	/	2	823.986	-33.25	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

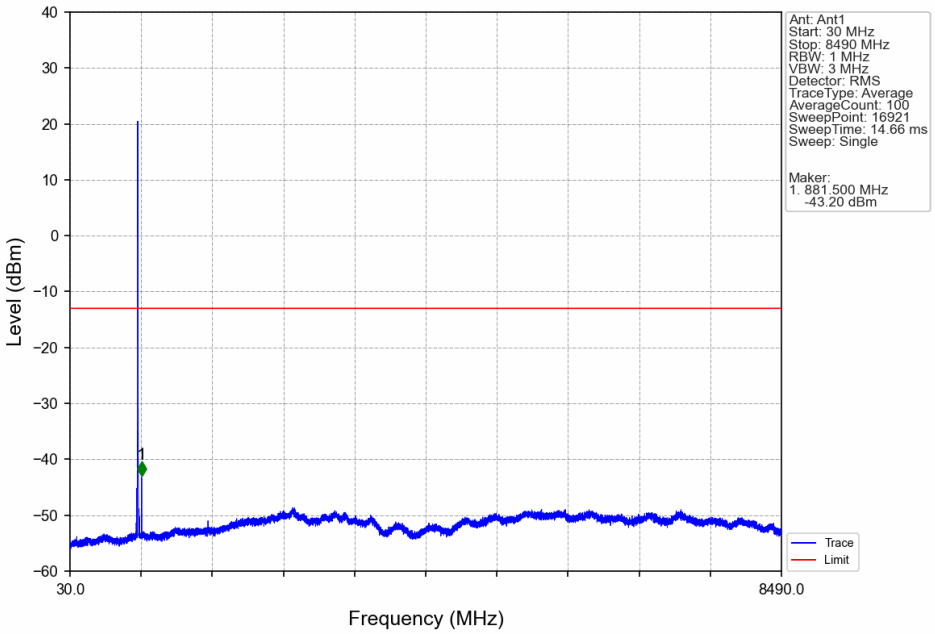


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

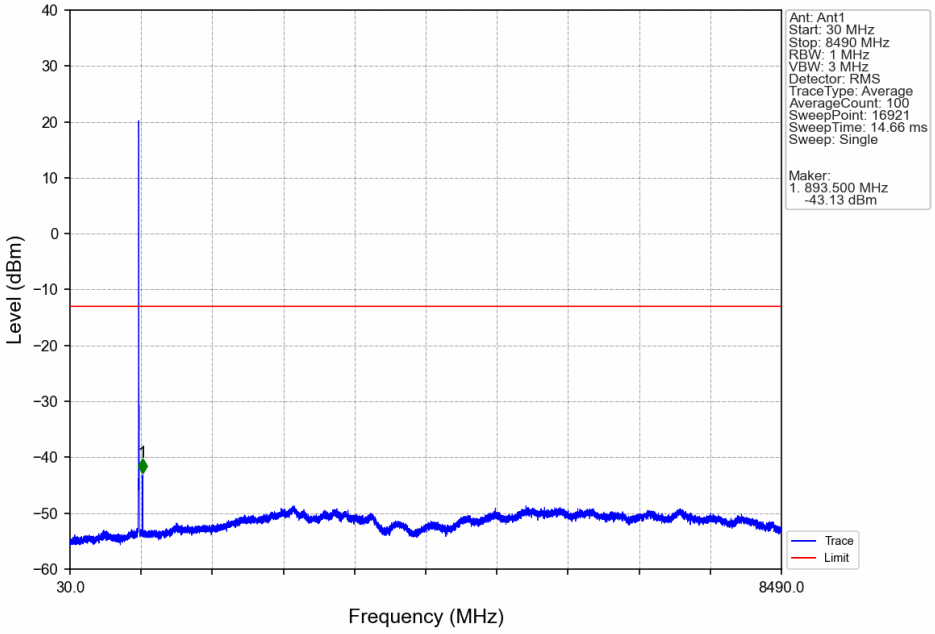


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-31.23	-13	Pass
823	824	0.03	/	2	823.988	-32.24	-13	Pass
824	827	0.03	/	/	/	/	/	/

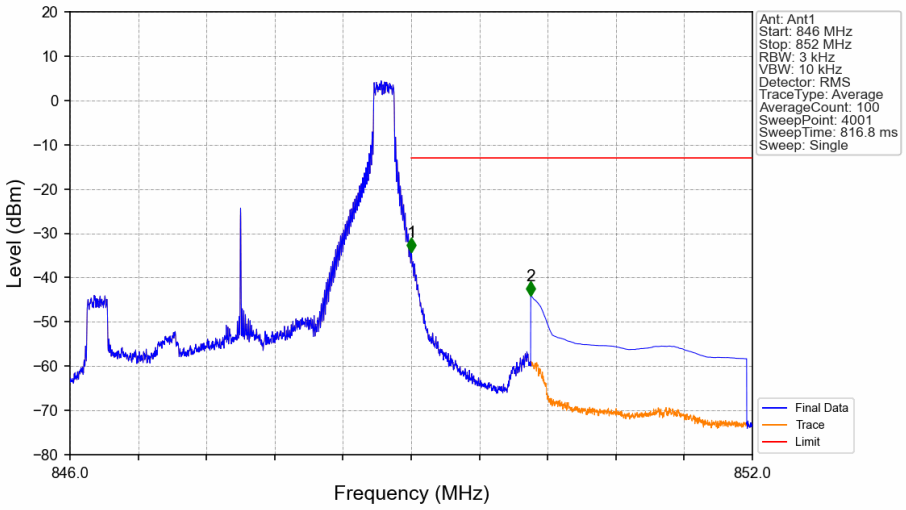
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

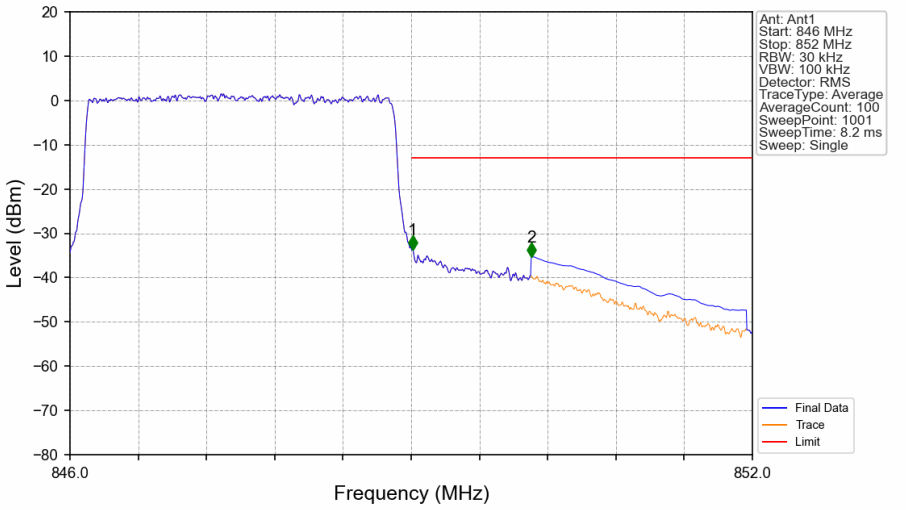


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-34.15	-13	Pass
850	852	0.1	CHP	2	850.052	-44.11	-13	Pass

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.012	-33.70	-13	Pass
850	852	0.1	CHP	2	850.056	-35.25	-13	Pass