1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.82	0.48	21.15	<=38.45	Pass
			2	22.98	0.48	21.31	<=38.45	Pass
			5	22.84	0.48	21.17	<=38.45	Pass
		3	0	22.88	0.48	21.21	<=38.45	Pass
			2	22.90	0.48	21.23	<=38.45	Pass
			3	22.85	0.48	21.18	<=38.45	Pass
		6	0	21.94	0.48	20.27	<=38.45	Pass
	836.5	1	0	22.98	0.48	21.31	<=38.45	Pass
			2	23.14	0.48	21.47	<=38.45	Pass
			5	22.97	0.48	21.30	<=38.45	Pass
		3	0	22.95	0.48	21.28	<=38.45	Pass
			2	22.94	0.48	21.27	<=38.45	Pass
			3	22.96	0.48	21.29	<=38.45	Pass
		6	0	21.90	0.48	20.23	<=38.45	Pass
	848.3	1	0	22.99	0.48	21.32	<=38.45	Pass
			2	23.17	0.48	21.50	<=38.45	Pass
			5	23.02	0.48	21.35	<=38.45	Pass
		3	0	23.06	0.48	21.39	<=38.45	Pass
			2	23.05	0.48	21.38	<=38.45	Pass
			3	23.00	0.48	21.33	<=38.45	Pass
		6	0	22.00	0.48	20.33	<=38.45	Pass
16QAM	824.7	1	0	21.96	0.48	20.29	<=38.45	Pass
			2	22.11	0.48	20.44	<=38.45	Pass
			5	21.99	0.48	20.32	<=38.45	Pass
		3	0	22.02	0.48	20.35	<=38.45	Pass
			2	22.04	0.48	20.37	<=38.45	Pass
			3	22.03	0.48	20.36	<=38.45	Pass
		6	0	20.87	0.48	19.20	<=38.45	Pass
	836.5	1	0	21.79	0.48	20.12	<=38.45	Pass
			2	22.02	0.48	20.35	<=38.45	Pass
			5	21.84	0.48	20.17	<=38.45	Pass
		3	0	22.12	0.48	20.45	<=38.45	Pass
			2	22.20	0.48	20.53	<=38.45	Pass
			3	22.15	0.48	20.48	<=38.45	Pass
		6	0	21.01	0.48	19.34	<=38.45	Pass
	848.3	1	0	21.82	0.48	20.15	<=38.45	Pass
			2	21.96	0.48	20.29	<=38.45	Pass
			5	21.81	0.48	20.14	<=38.45	Pass
		3	0	22.02	0.48	20.35	<=38.45	Pass
			2	22.03	0.48	20.36	<=38.45	Pass
			3	21.99	0.48	20.32	<=38.45	Pass
		6	0	21.00	0.48	19.33	<=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	23.06	0.48	21.39	<=38.45	Pass
			7	23.43	0.48	21.76	<=38.45	Pass
			14	23.13	0.48	21.46	<=38.45	Pass
		8	0	22.06	0.48	20.39	<=38.45	Pass
			4	22.08	0.48	20.41	<=38.45	Pass
			7	22.06	0.48	20.39	<=38.45	Pass
		15	0	22.01	0.48	20.34	<=38.45	Pass
	836.5	1	0	22.88	0.48	21.21	<=38.45	Pass
			7	23.17	0.48	21.50	<=38.45	Pass
			14	22.87	0.48	21.20	<=38.45	Pass
		8	0	21.85	0.48	20.18	<=38.45	Pass
			4	21.85	0.48	20.18	<=38.45	Pass
			7	21.85	0.48	20.18	<=38.45	Pass
		15	0	21.81	0.48	20.14	<=38.45	Pass
	847.5	1	0	22.95	0.48	21.28	<=38.45	Pass
			7	23.22	0.48	21.55	<=38.45	Pass
			14	22.93	0.48	21.26	<=38.45	Pass
		8	0	21.90	0.48	20.23	<=38.45	Pass
			4	21.98	0.48	20.31	<=38.45	Pass
			7	21.90	0.48	20.23	<=38.45	Pass
		15	0	21.88	0.48	20.21	<=38.45	Pass
16QAM	825.5	1	0	21.94	0.48	20.27	<=38.45	Pass
			7	22.22	0.48	20.55	<=38.45	Pass
			14	21.93	0.48	20.26	<=38.45	Pass
		8	0	21.03	0.48	19.36	<=38.45	Pass
			4	21.07	0.48	19.40	<=38.45	Pass
			7	20.85	0.48	19.18	<=38.45	Pass
		15	0	20.79	0.48	19.12	<=38.45	Pass
	836.5	1	0	21.99	0.48	20.32	<=38.45	Pass
			7	22.22	0.48	20.55	<=38.45	Pass
			14	21.96	0.48	20.29	<=38.45	Pass
		8	0	20.91	0.48	19.24	<=38.45	Pass
			4	20.93	0.48	19.26	<=38.45	Pass
			7	20.86	0.48	19.19	<=38.45	Pass
		15	0	20.79	0.48	19.12	<=38.45	Pass
	847.5	1	0	22.06	0.48	20.39	<=38.45	Pass
			7	22.39	0.48	20.72	<=38.45	Pass
			14	22.06	0.48	20.39	<=38.45	Pass
		8	0	20.97	0.48	19.30	<=38.45	Pass
			4	21.05	0.48	19.38	<=38.45	Pass
			7	20.96	0.48	19.29	<=38.45	Pass
		15	0	20.93	0.48	19.26	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	22.54	0.48	20.87	<=38.45	Pass
			13	22.68	0.48	21.01	<=38.45	Pass
			24	22.59	0.48	20.92	<=38.45	Pass
		12	0	21.72	0.48	20.05	<=38.45	Pass
			6	21.80	0.48	20.13	<=38.45	Pass
			13	21.77	0.48	20.10	<=38.45	Pass
		25	0	21.79	0.48	20.12	<=38.45	Pass
	836.5	1	0	22.67	0.48	21.00	<=38.45	Pass
			13	22.78	0.48	21.11	<=38.45	Pass
			24	22.68	0.48	21.01	<=38.45	Pass
		12	0	21.76	0.48	20.09	<=38.45	Pass
			6	21.78	0.48	20.11	<=38.45	Pass
			13	21.63	0.48	19.96	<=38.45	Pass
		25	0	21.72	0.48	20.05	<=38.45	Pass
	846.5	1	0	22.77	0.48	21.10	<=38.45	Pass
			13	22.86	0.48	21.19	<=38.45	Pass
			24	22.76	0.48	21.09	<=38.45	Pass
		12	0	21.75	0.48	20.08	<=38.45	Pass
			6	21.83	0.48	20.16	<=38.45	Pass
			13	21.68	0.48	20.01	<=38.45	Pass
		25	0	21.73	0.48	20.06	<=38.45	Pass
16QAM	826.5	1	0	21.84	0.48	20.17	<=38.45	Pass
			13	21.95	0.48	20.28	<=38.45	Pass
			24	21.90	0.48	20.23	<=38.45	Pass
		12	0	20.73	0.48	19.06	<=38.45	Pass
			6	20.81	0.48	19.14	<=38.45	Pass
			13	20.77	0.48	19.10	<=38.45	Pass
		25	0	20.75	0.48	19.08	<=38.45	Pass
	836.5	1	0	21.77	0.48	20.10	<=38.45	Pass
			13	21.90	0.48	20.23	<=38.45	Pass
			24	21.82	0.48	20.15	<=38.45	Pass
		12	0	20.76	0.48	19.09	<=38.45	Pass
			6	20.81	0.48	19.14	<=38.45	Pass
			13	20.64	0.48	18.97	<=38.45	Pass
		25	0	20.75	0.48	19.08	<=38.45	Pass
	846.5	1	0	21.80	0.48	20.13	<=38.45	Pass
			13	22.02	0.48	20.35	<=38.45	Pass
			24	21.90	0.48	20.23	<=38.45	Pass
		12	0	20.82	0.48	19.15	<=38.45	Pass
			6	20.91	0.48	19.24	<=38.45	Pass
			13	20.73	0.48	19.06	<=38.45	Pass
		25	0	20.79	0.48	19.12	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.71	0.48	21.04	<=38.45	Pass
			25	23.04	0.48	21.37	<=38.45	Pass
			49	22.75	0.48	21.08	<=38.45	Pass
		25	0	21.85	0.48	20.18	<=38.45	Pass
			13	21.86	0.48	20.19	<=38.45	Pass
			25	21.91	0.48	20.24	<=38.45	Pass
		50	0	21.89	0.48	20.22	<=38.45	Pass
	836.5	1	0	22.63	0.48	20.96	<=38.45	Pass
			25	22.97	0.48	21.30	<=38.45	Pass
			49	22.81	0.48	21.14	<=38.45	Pass
		25	0	21.91	0.48	20.24	<=38.45	Pass
			13	21.82	0.48	20.15	<=38.45	Pass
			25	21.70	0.48	20.03	<=38.45	Pass
		50	0	21.75	0.48	20.08	<=38.45	Pass
	844	1	0	22.75	0.48	21.08	<=38.45	Pass
			25	22.98	0.48	21.31	<=38.45	Pass
			49	22.79	0.48	21.12	<=38.45	Pass
		25	0	21.86	0.48	20.19	<=38.45	Pass
			13	21.88	0.48	20.21	<=38.45	Pass
			25	21.77	0.48	20.10	<=38.45	Pass
		50	0	21.81	0.48	20.14	<=38.45	Pass
16QAM	829	1	0	21.59	0.48	19.92	<=38.45	Pass
			25	21.78	0.48	20.11	<=38.45	Pass
			49	21.60	0.48	19.93	<=38.45	Pass
		25	0	20.81	0.48	19.14	<=38.45	Pass
			13	20.82	0.48	19.15	<=38.45	Pass
			25	20.83	0.48	19.16	<=38.45	Pass
		50	0	20.81	0.48	19.14	<=38.45	Pass
	836.5	1	0	21.78	0.48	20.11	<=38.45	Pass
			25	22.04	0.48	20.37	<=38.45	Pass
			49	21.85	0.48	20.18	<=38.45	Pass
		25	0	20.87	0.48	19.20	<=38.45	Pass
			13	20.88	0.48	19.21	<=38.45	Pass
			25	20.77	0.48	19.10	<=38.45	Pass
		50	0	20.81	0.48	19.14	<=38.45	Pass
	844	1	0	21.90	0.48	20.23	<=38.45	Pass
			25	22.01	0.48	20.34	<=38.45	Pass
			49	21.93	0.48	20.26	<=38.45	Pass
		25	0	20.94	0.48	19.27	<=38.45	Pass
			13	20.96	0.48	19.29	<=38.45	Pass
			25	20.87	0.48	19.20	<=38.45	Pass
		50	0	20.88	0.48	19.21	<=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	-5.608	-0.0068	-2.5 to 2.5	Pass
					3.85	-6.337	-0.0077	-2.5 to 2.5	Pass
					4.43	-3.834	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-5.808	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-6.666	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-11.759	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-8.740	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-7.868	-0.0095	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-8.740	-0.0104	-2.5 to 2.5	Pass
					3.85	-5.364	-0.0064	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	2.017	0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-4.034	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-2.933	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-9.756	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-4.535	-0.0053	-2.5 to 2.5	Pass
					3.85	-9.842	-0.0116	-2.5 to 2.5	Pass
					4.43	-9.599	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.626	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-6.609	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-9.499	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-11.573	-0.0136	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-4.220	-0.0051	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0084	-2.5 to 2.5	Pass
					4.43	-4.334	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.721	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-5.679	-0.0069	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-5.951	-0.0071	-2.5 to 2.5	Pass
					3.85	-7.925	-0.0095	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-8.025	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-4.463	-0.0053	-2.5 to 2.5	Pass
				10	3.85	0.286	0.0003	-2.5 to 2.5	Pass

				30	3.85	-4.606	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-8.225	-0.0098	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-1.931	-0.0023	-2.5 to 2.5	Pass
					3.85	-8.340	-0.0098	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-8.826	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-14.505	-0.0171	-2.5 to 2.5	Pass
				-10	3.85	-6.623	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-3.562	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.951	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-8.197	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-4.764	-0.0056	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-4.635	-0.0056	-2.5 to 2.5	Pass
					3.85	-8.340	-0.0101	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-3.104	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-8.640	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-7.324	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-7.224	-0.0088	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-9.298	-0.0111	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0036	-2.5 to 2.5	Pass
					4.43	-4.864	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-6.108	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-8.054	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-8.469	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-5.879	-0.0070	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-4.849	-0.0057	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
					4.43	-6.852	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-9.527	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-8.097	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0071	-2.5 to 2.5	Pass

				30	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-6.108	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-5.550	-0.0067	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-8.984	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-9.527	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-5.493	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-9.341	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-8.855	-0.0107	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-5.722	-0.0068	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.698	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-5.708	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-5.322	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-4.807	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-6.323	-0.0076	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-4.063	-0.0048	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0096	-2.5 to 2.5	Pass
					4.43	-10.285	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-6.723	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-9.270	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-7.811	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.622	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-6.480	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-6.094	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-7.253	-0.0086	-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	-10.800	-0.0131	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
					4.43	-7.195	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-5.722	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-4.849	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-8.454	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-3.762	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0063	-2.5 to 2.5	Pass

				30	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-6.480	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-7.010	-0.0085	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-10.443	-0.0125	-2.5 to 2.5	Pass
					3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.407	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-9.556	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-8.984	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-5.121	-0.0061	-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	-8.769	-0.0104	-2.5 to 2.5	Pass
					4.43	-6.394	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-6.437	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-9.713	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-4.435	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-7.281	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-6.351	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-7.896	-0.0093	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-9.398	-0.0114	-2.5 to 2.5	Pass
					3.85	-12.546	-0.0152	-2.5 to 2.5	Pass
					4.43	-6.552	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-4.592	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-9.871	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-6.967	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0103	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-5.364	-0.0064	-2.5 to 2.5	Pass
					3.85	-5.436	-0.0065	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-7.768	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-7.210	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-11.487	-0.0137	-2.5 to 2.5	Pass
				30	3.85	-8.698	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-8.426	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-8.368	-0.0100	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-5.493	-0.0065	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-9.155	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-8.154	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-4.764	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-11.587	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0071	-2.5 to 2.5	Pass

				30	3.85	-9.069	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-8.855	-0.0105	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-6.495	-0.0078	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0075	-2.5 to 2.5	Pass
					4.43	-7.539	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-7.753	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-5.493	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-7.753	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-8.254	-0.0100	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-6.394	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
					4.43	-2.818	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-6.394	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-6.166	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-7.854	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-4.749	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-7.954	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-6.766	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-8.297	-0.0098	-2.5 to 2.5	Pass
					3.85	-7.267	-0.0086	-2.5 to 2.5	Pass
					4.43	-7.567	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-5.522	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-8.626	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-6.795	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-7.210	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-5.078	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-8.111	-0.0096	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-12.074	-0.0146	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0056	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-6.609	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-6.123	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass

				30	3.85	-7.024	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-8.054	-0.0097	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-2.489	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
					4.43	-4.635	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-4.191	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.407	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-6.566	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-4.320	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-7.153	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-5.064	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-5.636	-0.0067	-2.5 to 2.5	Pass
					3.85	-7.339	-0.0087	-2.5 to 2.5	Pass
					4.43	-7.625	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-6.952	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-8.855	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-7.682	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-7.768	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-7.339	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-4.706	-0.0056	-2.5 to 2.5	Pass

3. Modulation Characteristics

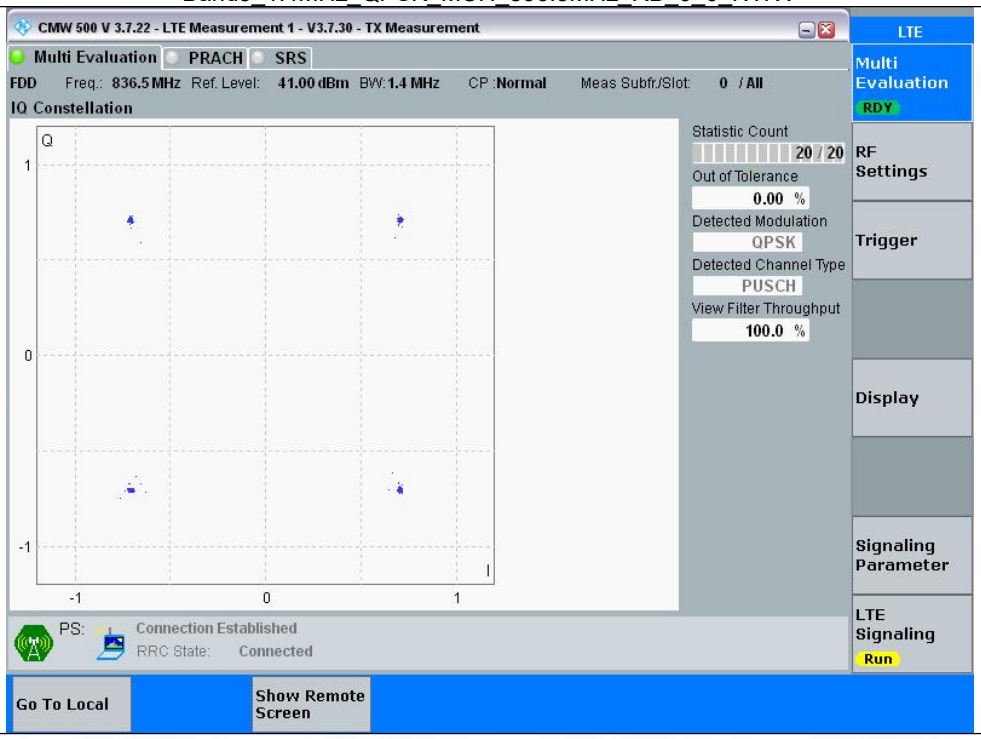
3.1 B5_1.4MHz

3.1.1 Test Result

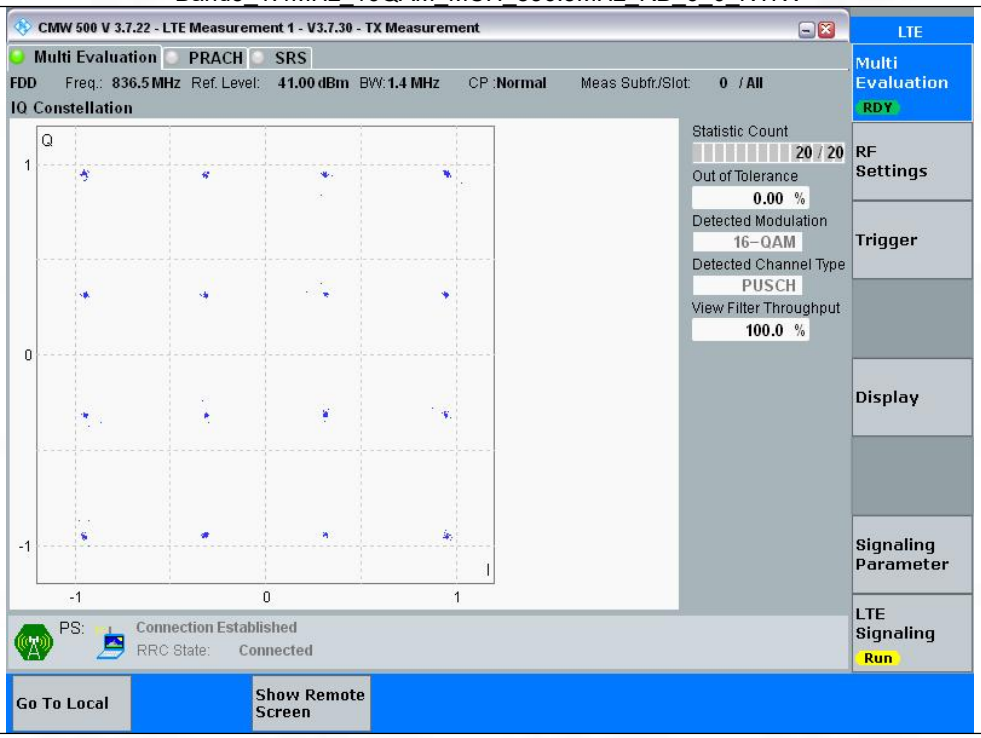
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

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



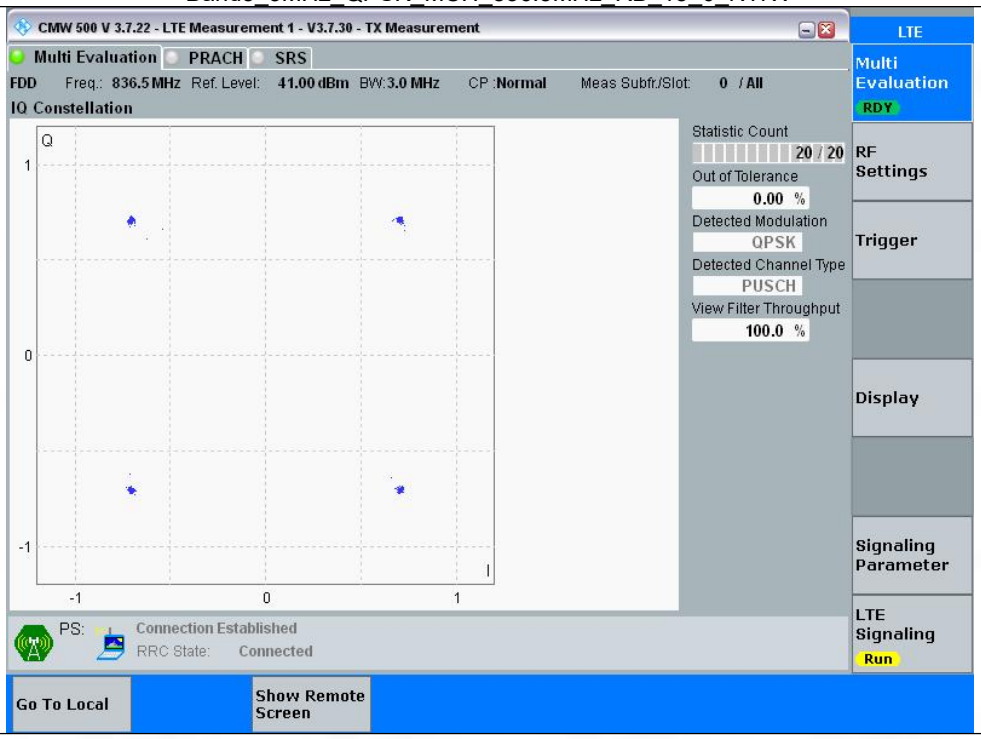
3.2 B5_3MHz

3.2.1 Test Result

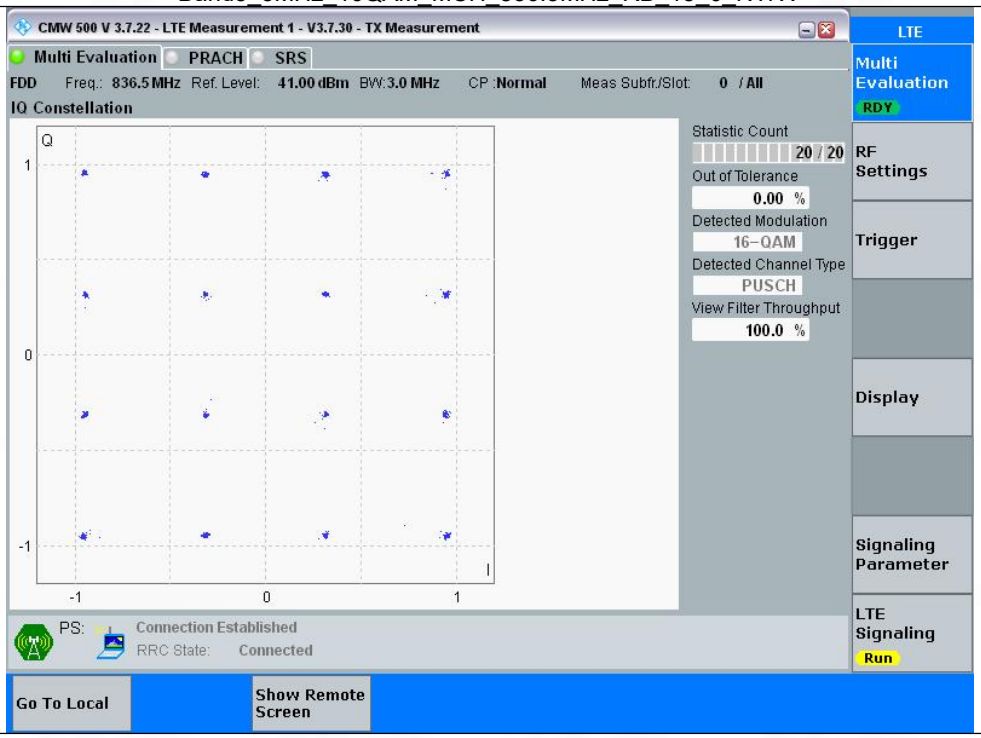
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

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



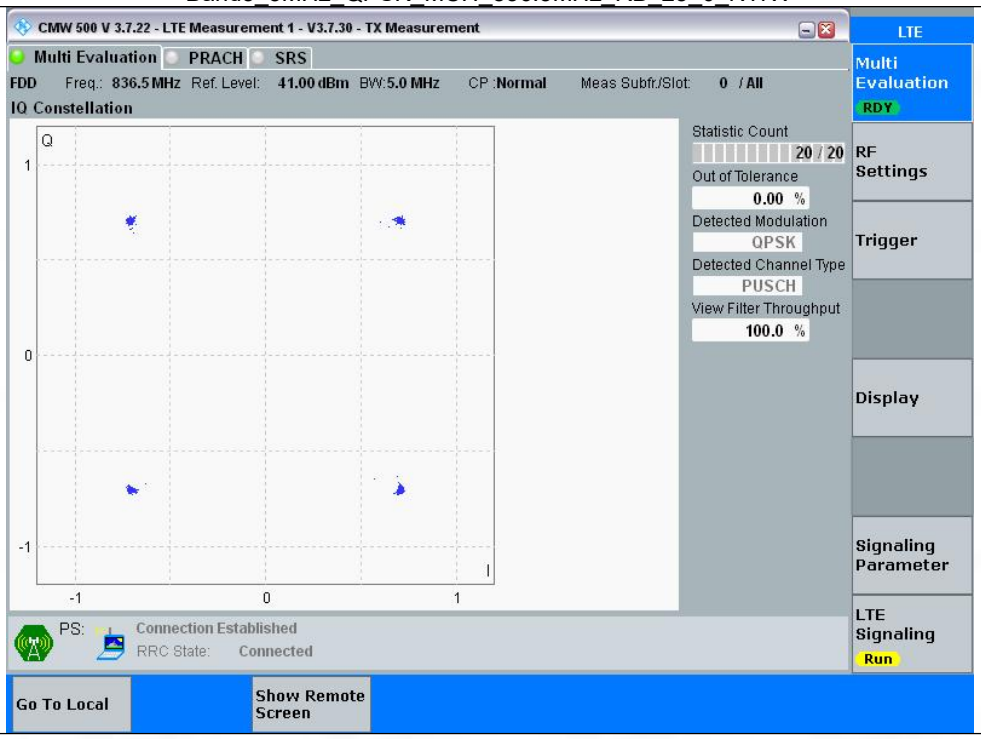
3.3 B5_5MHz

3.3.1 Test Result

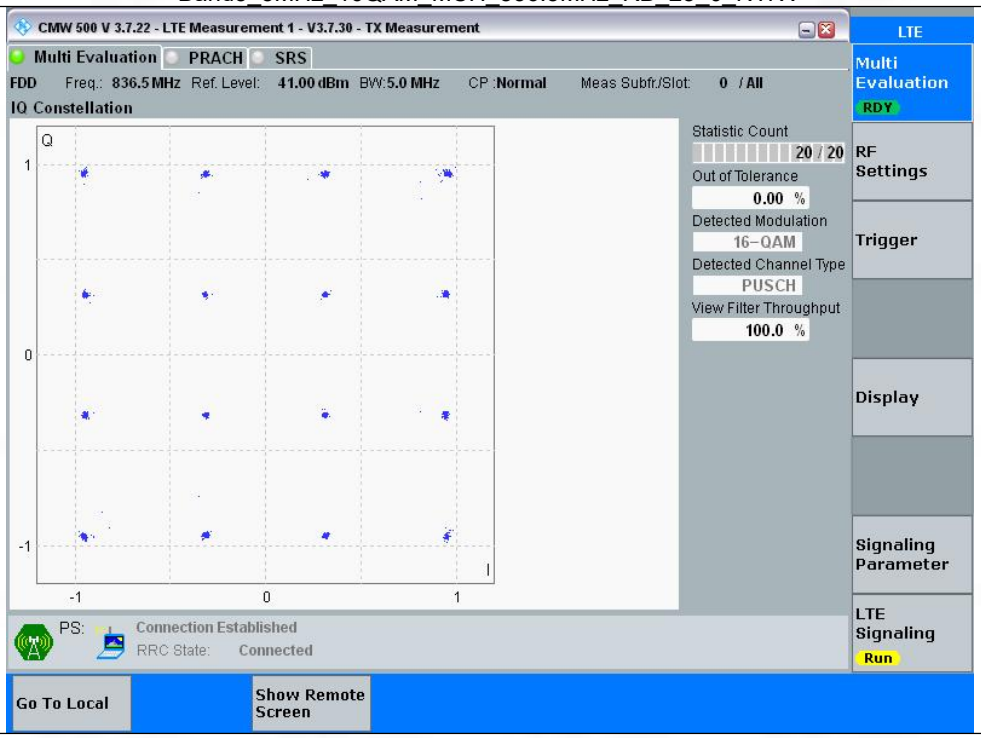
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

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



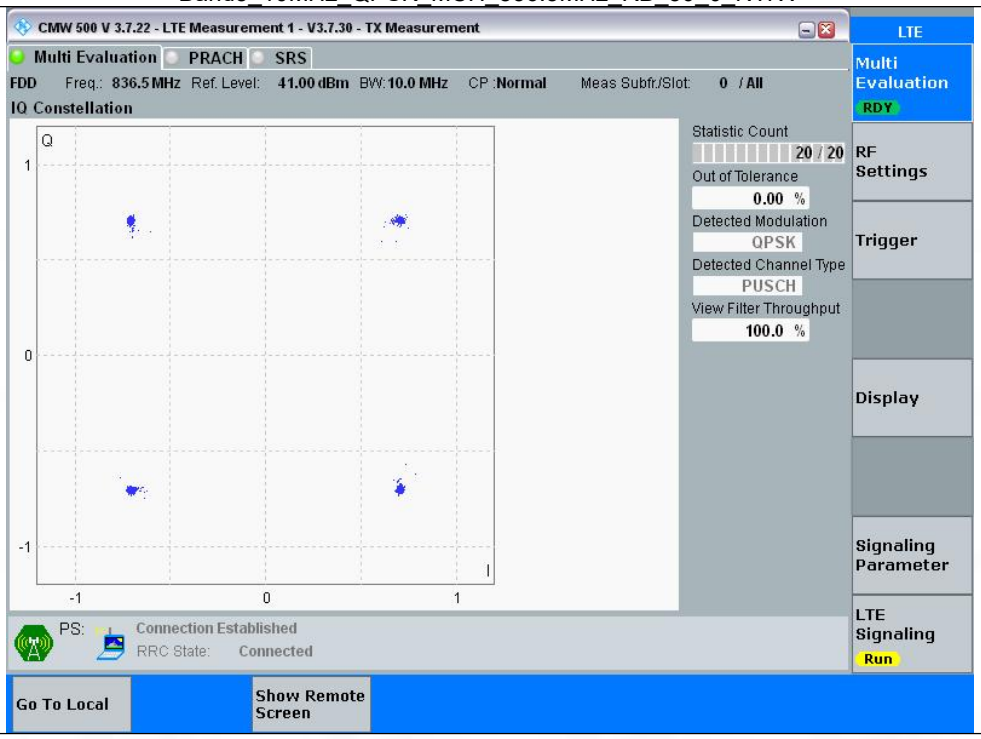
3.4 B5_10MHz

3.4.1 Test Result

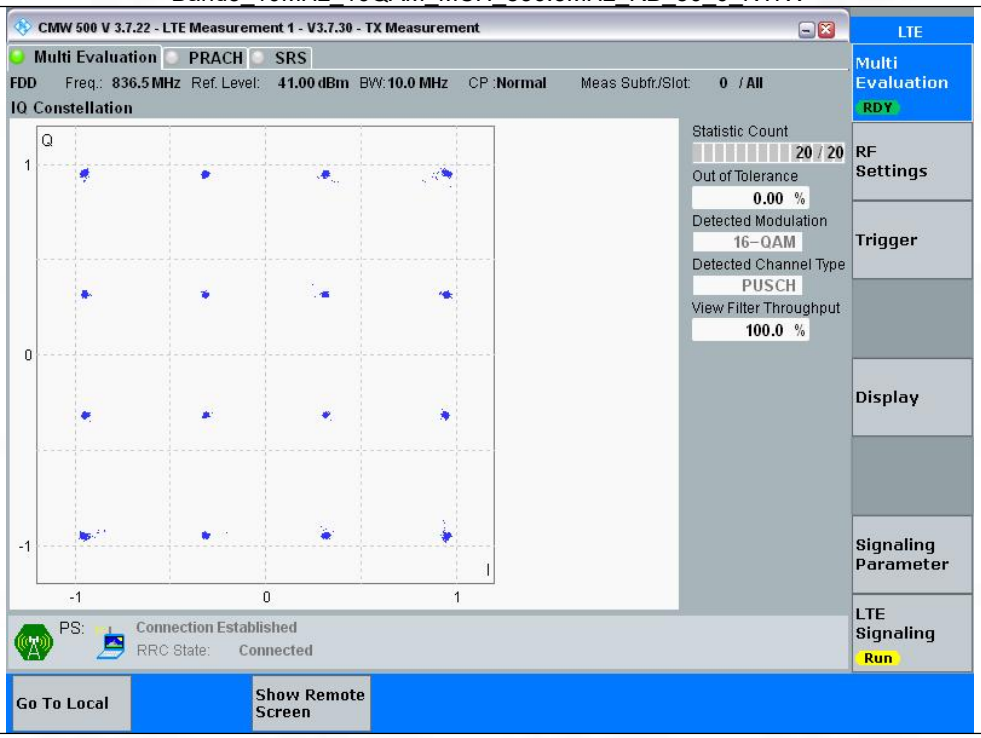
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

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

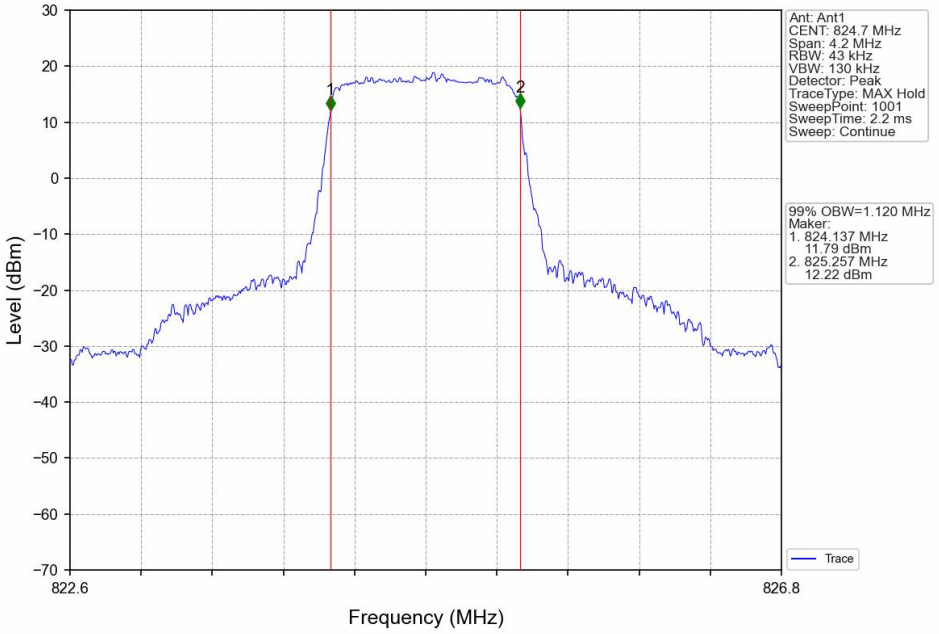
4.1 Band5_OBW

4.1.1 Test Result

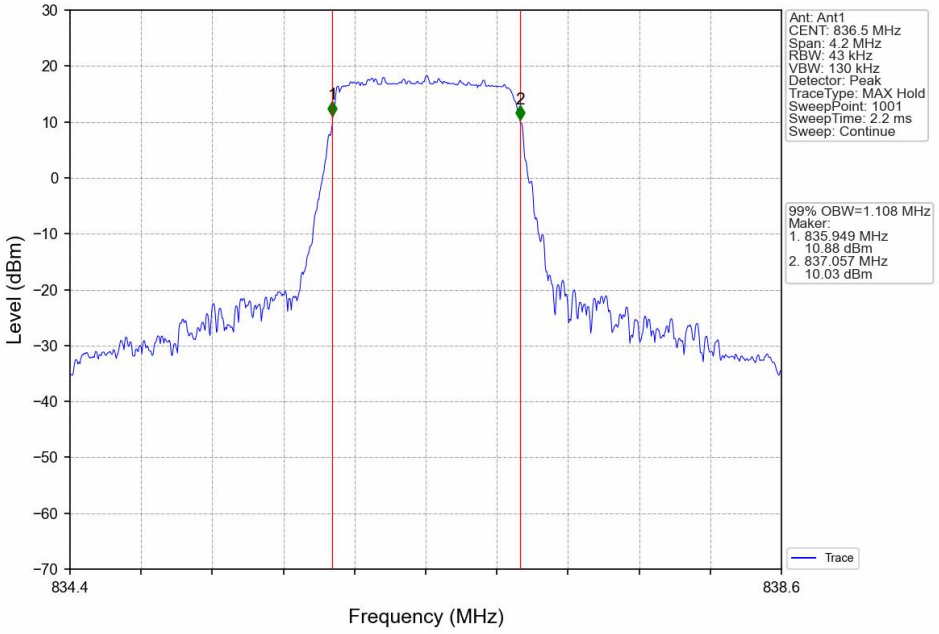
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.120	Pass
		836.5	6	0	1.108	Pass
		848.3	6	0	1.109	Pass
	16QAM	824.7	6	0	1.108	Pass
		836.5	6	0	1.109	Pass
		848.3	6	0	1.107	Pass
3	QPSK	825.5	15	0	2.726	Pass
		836.5	15	0	2.726	Pass
		847.5	15	0	2.727	Pass
	16QAM	825.5	15	0	2.728	Pass
		836.5	15	0	2.721	Pass
		847.5	15	0	2.728	Pass
5	QPSK	826.5	25	0	4.566	Pass
		836.5	25	0	4.564	Pass
		846.5	25	0	4.587	Pass
	16QAM	826.5	25	0	4.587	Pass
		836.5	25	0	4.582	Pass
		846.5	25	0	4.560	Pass
10	QPSK	829	50	0	9.098	Pass
		836.5	50	0	9.059	Pass
		844	50	0	9.057	Pass
	16QAM	829	50	0	9.068	Pass
		836.5	50	0	9.075	Pass
		844	50	0	9.034	Pass

4.1.2 Test Graph

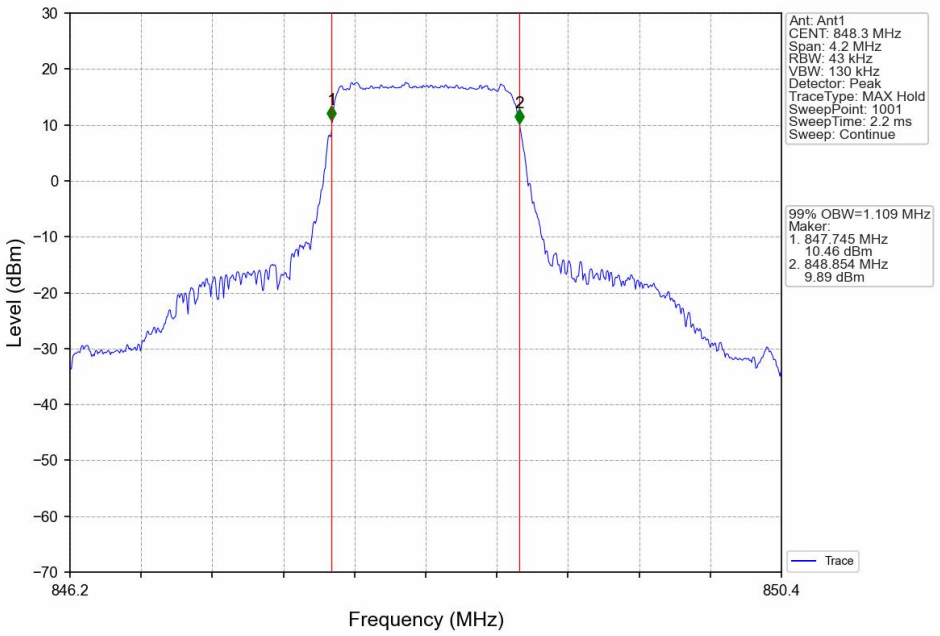
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



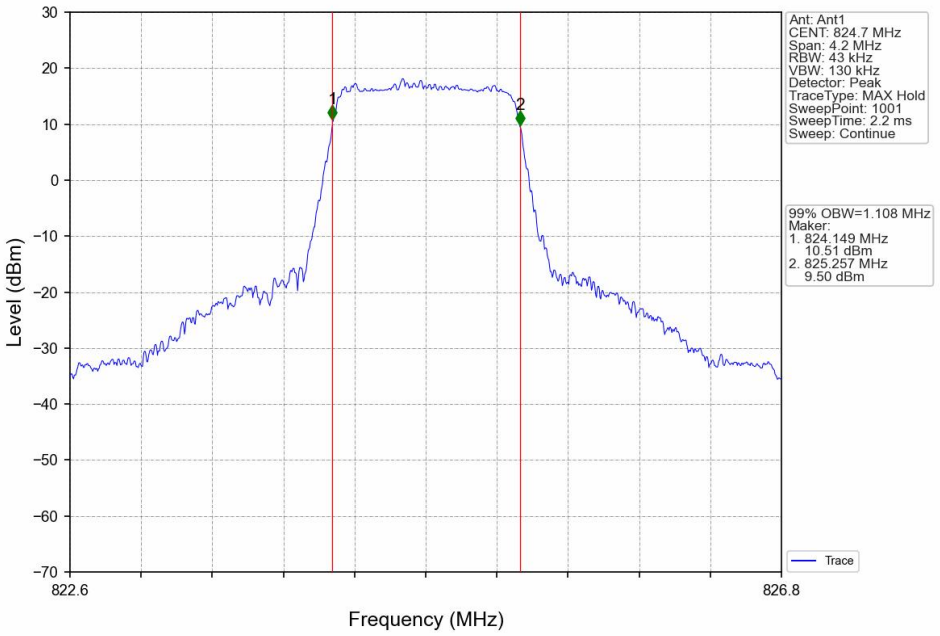
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



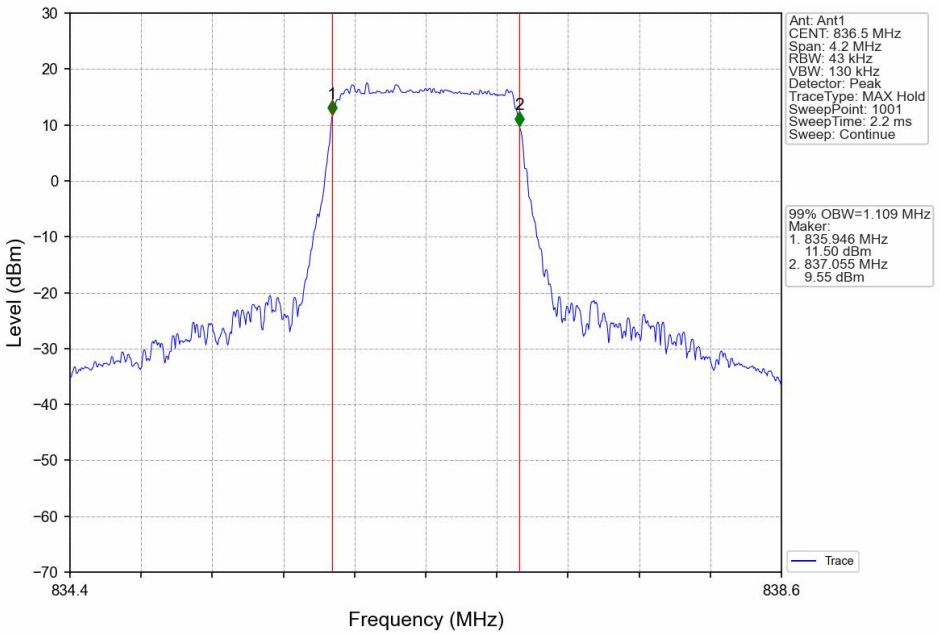
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



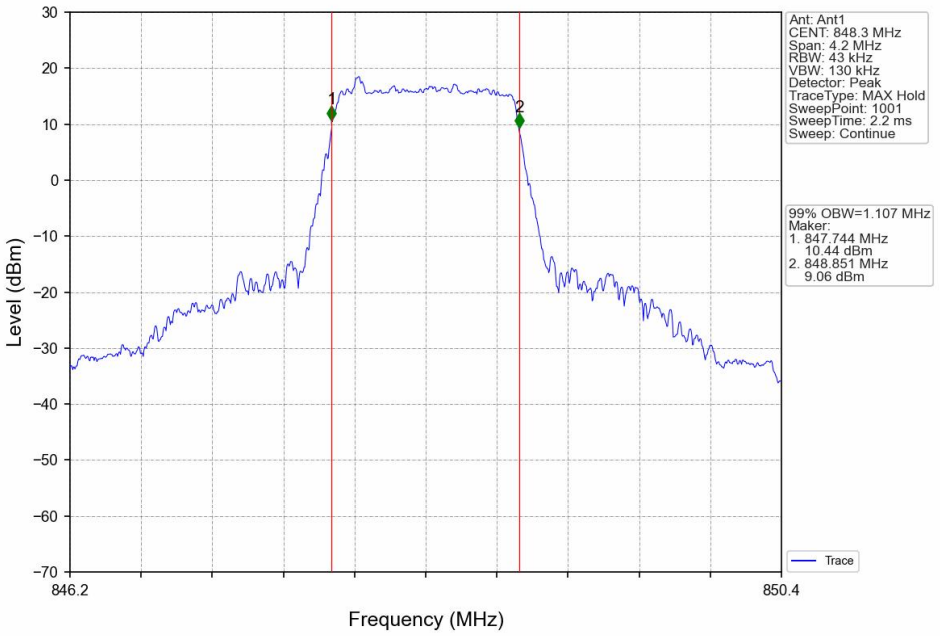
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



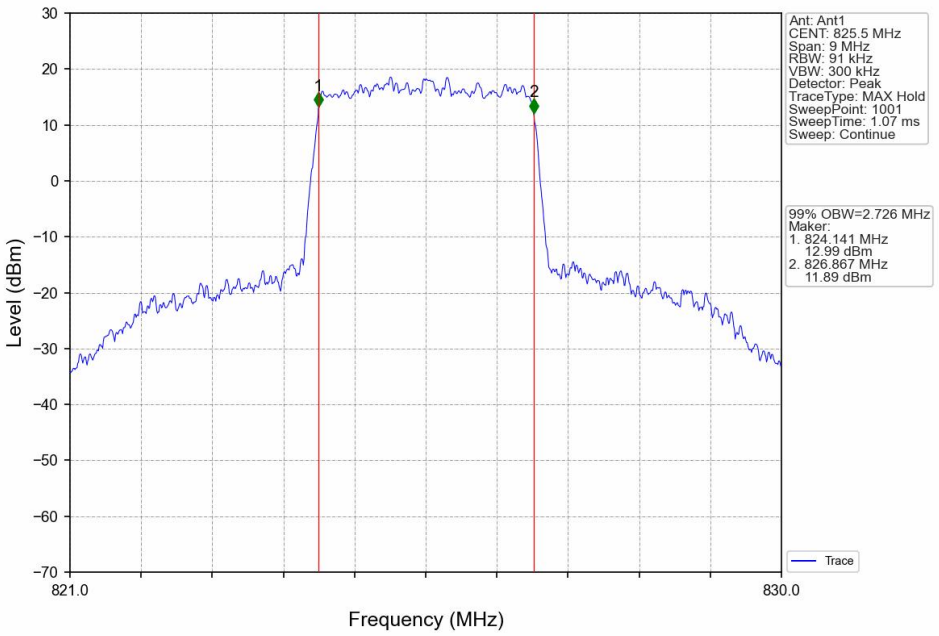
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



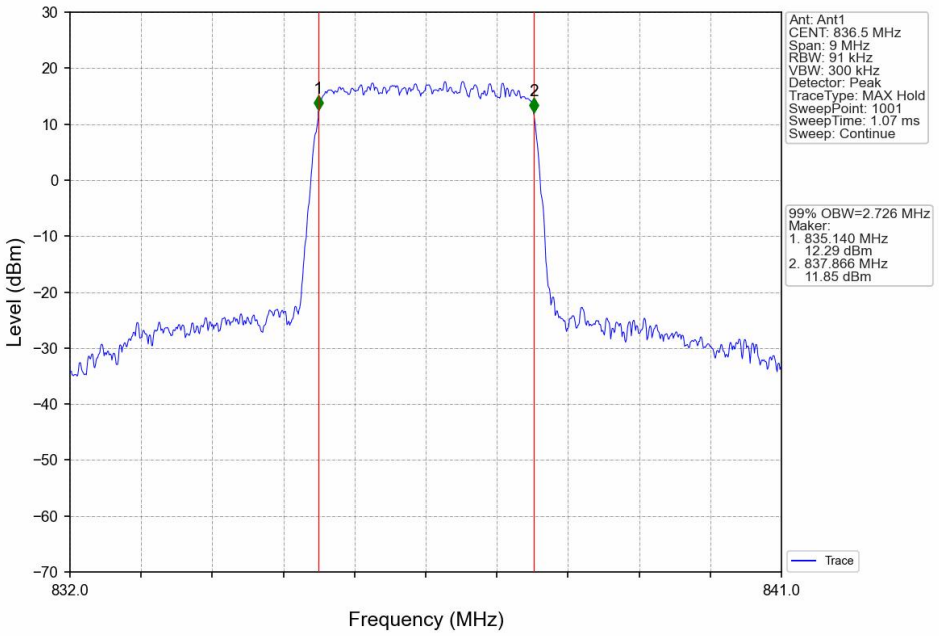
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



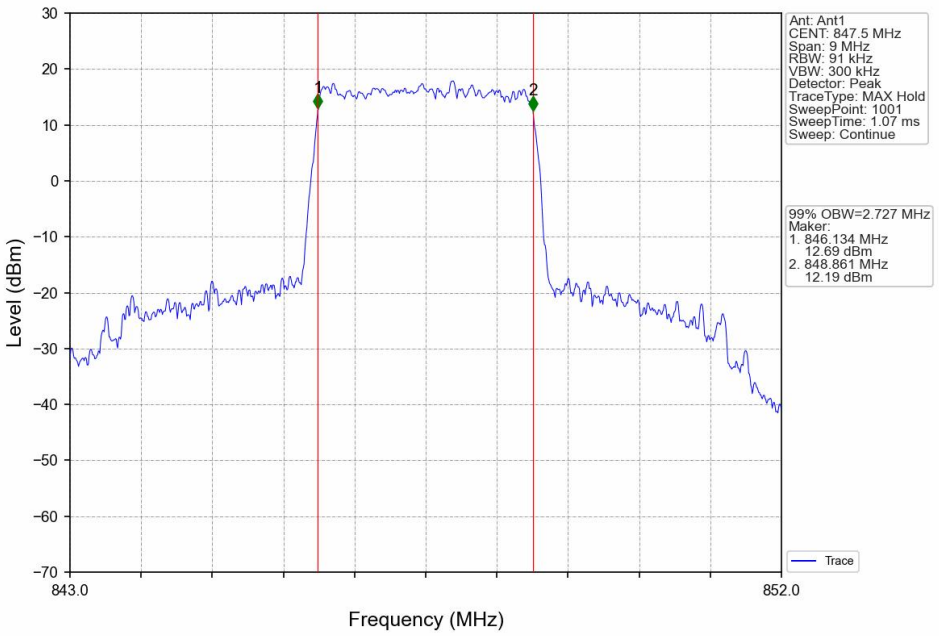
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



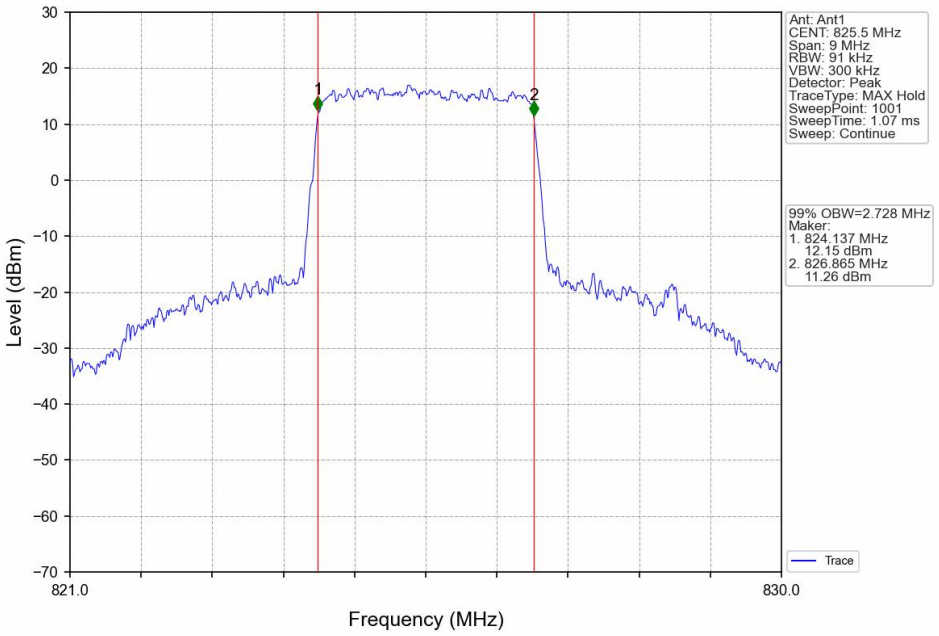
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



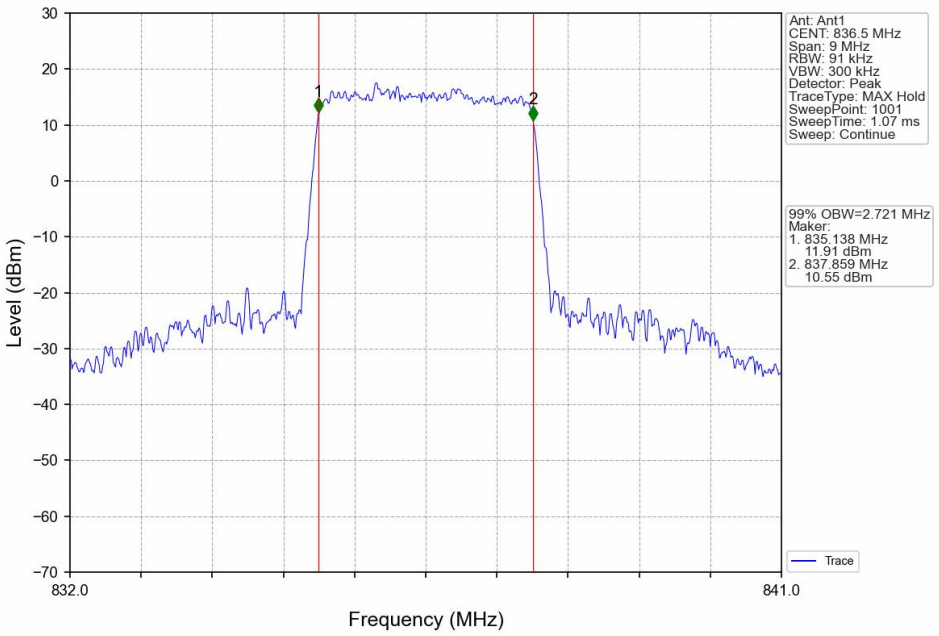
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



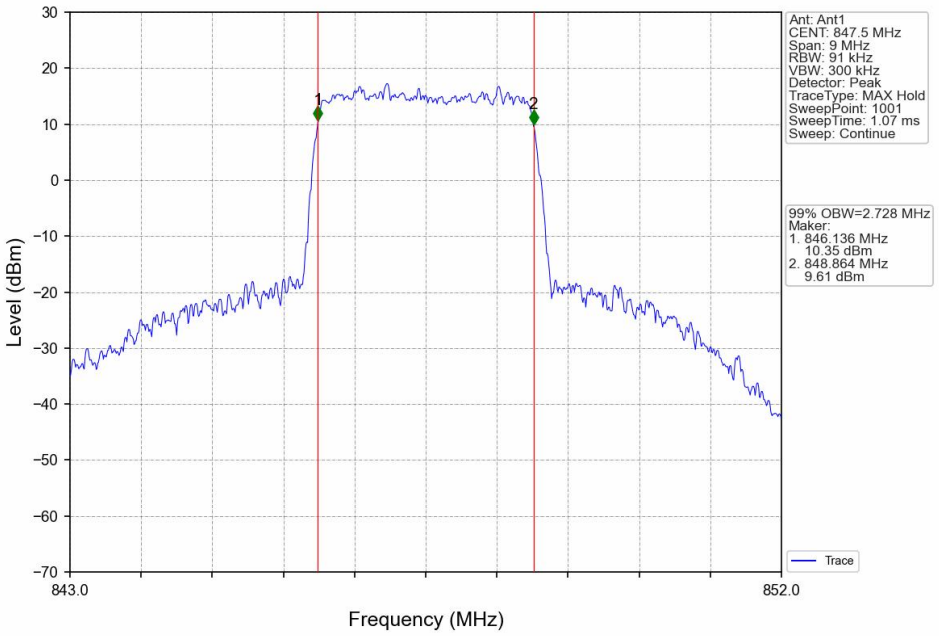
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



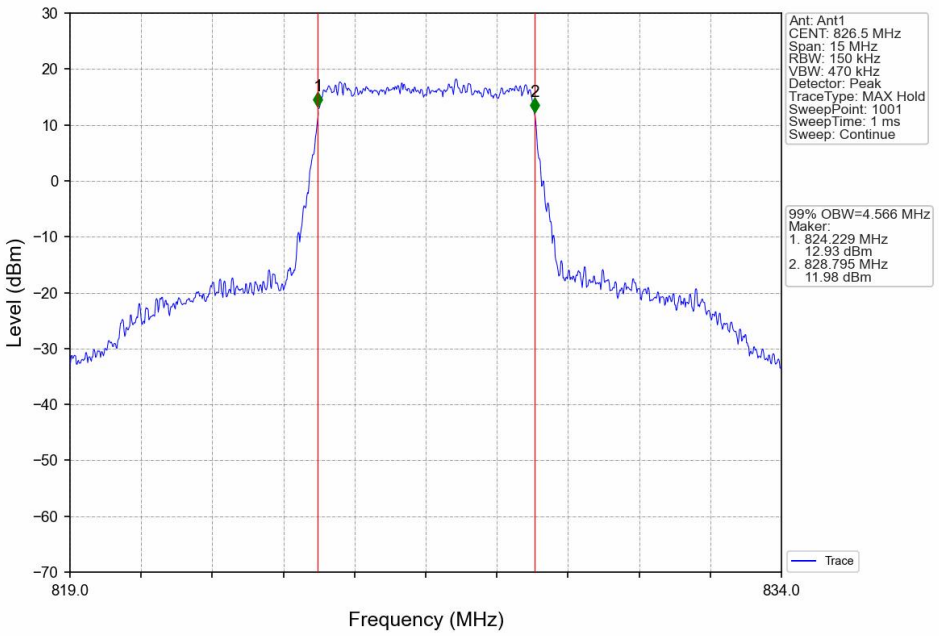
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



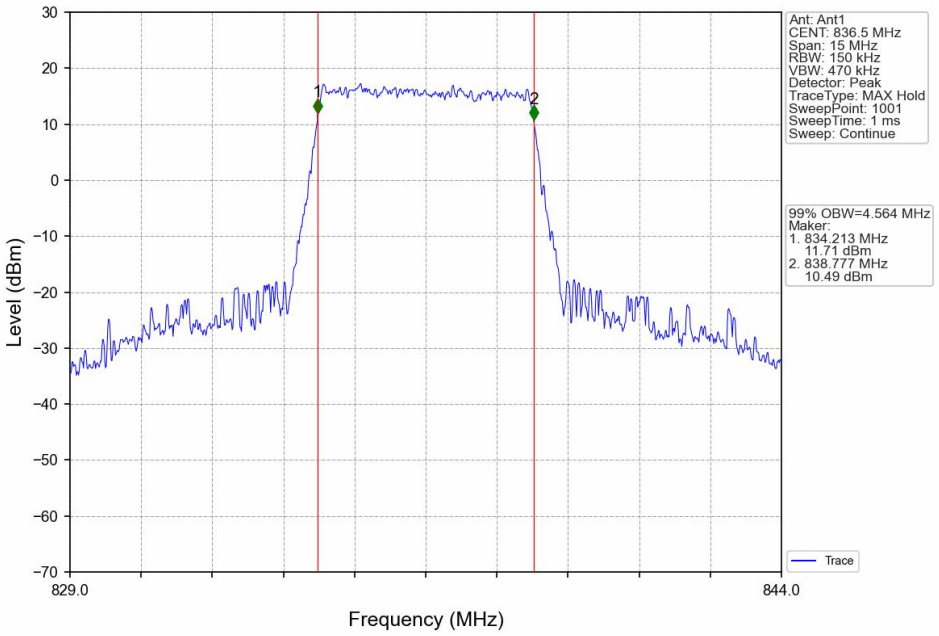
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



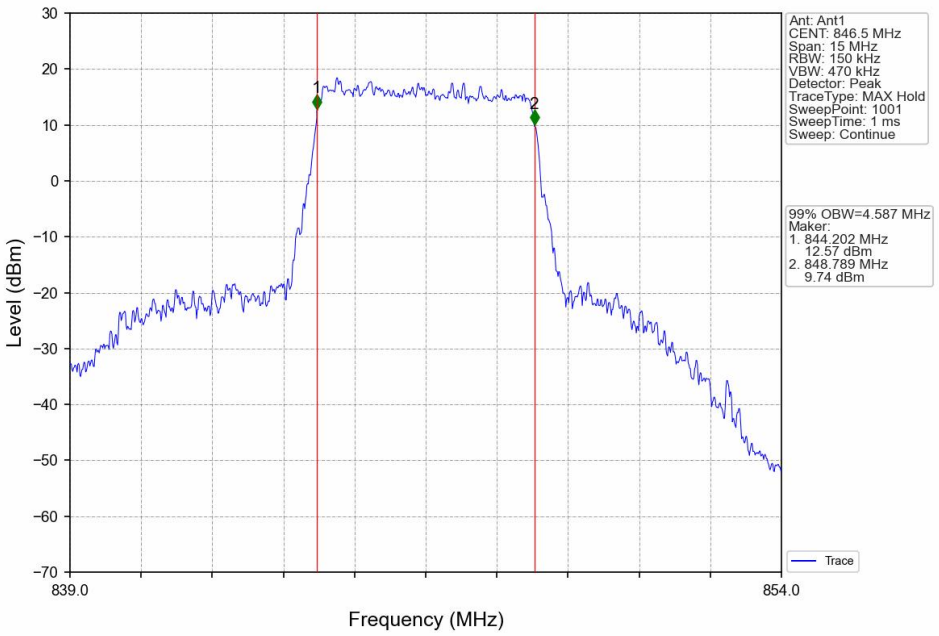
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



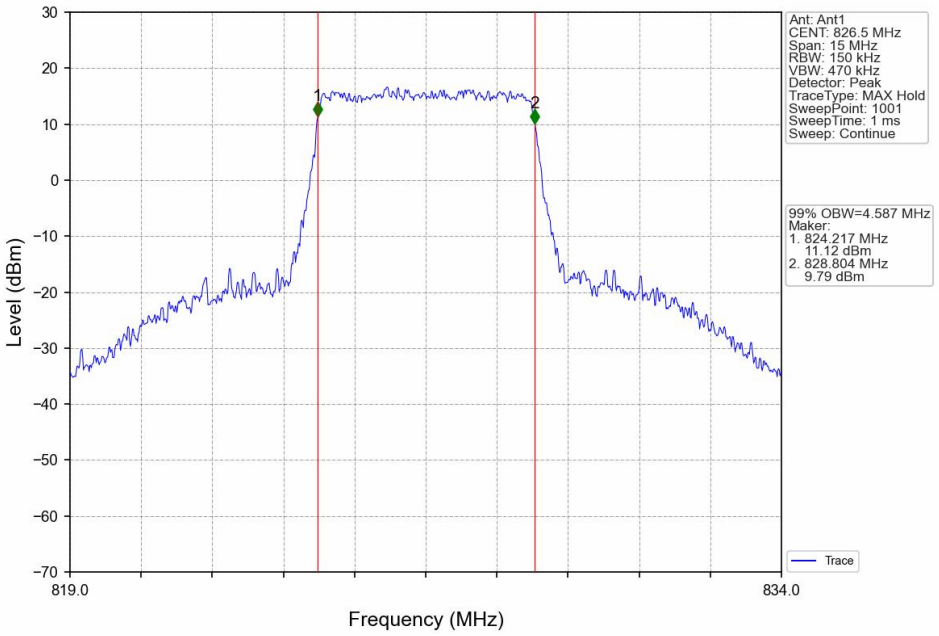
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



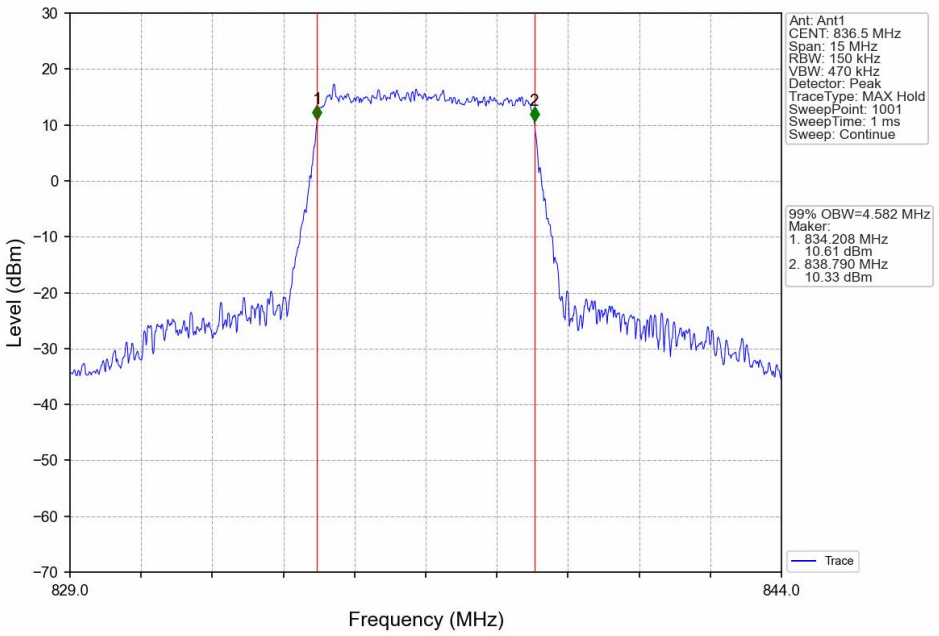
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



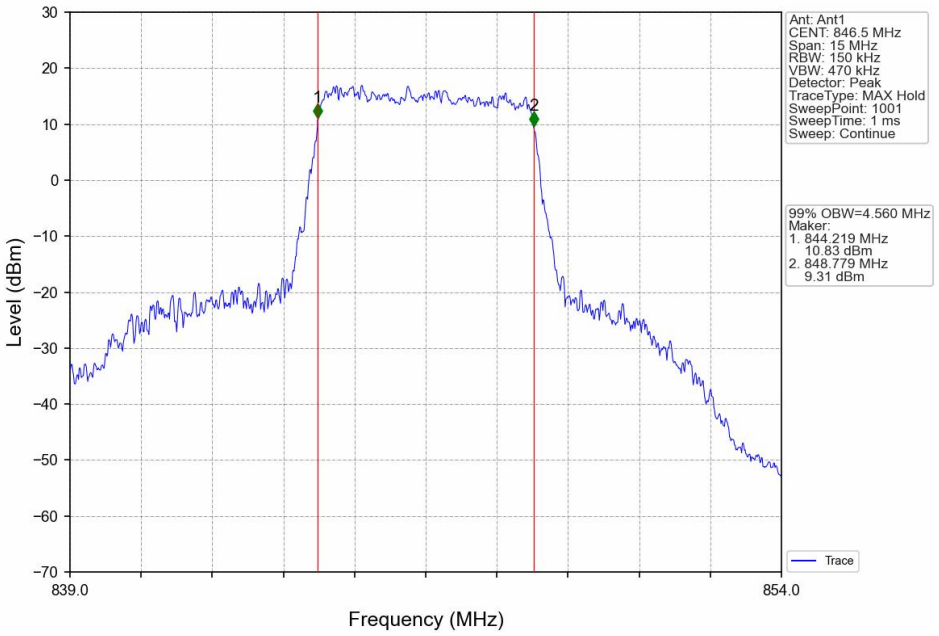
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



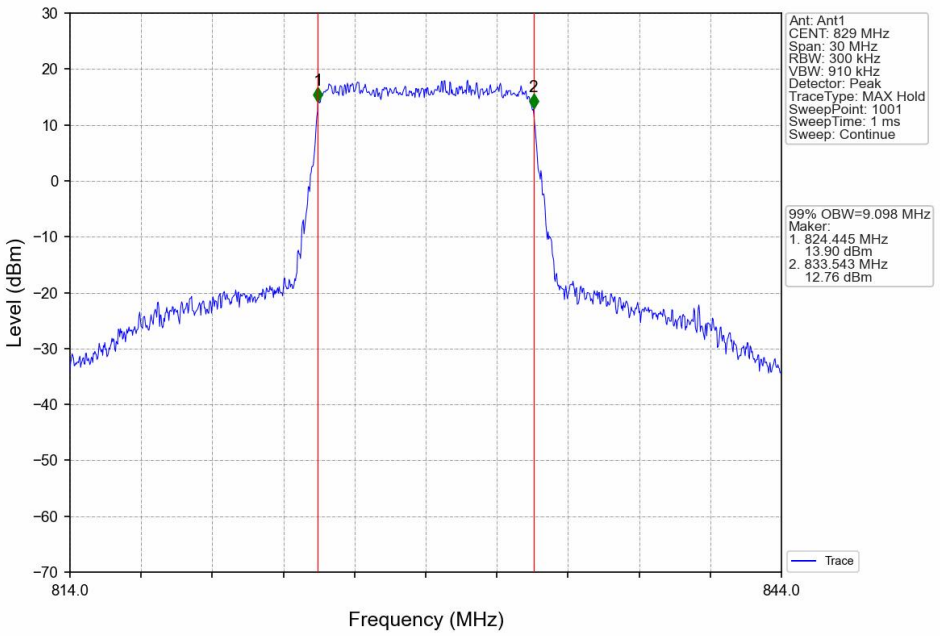
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



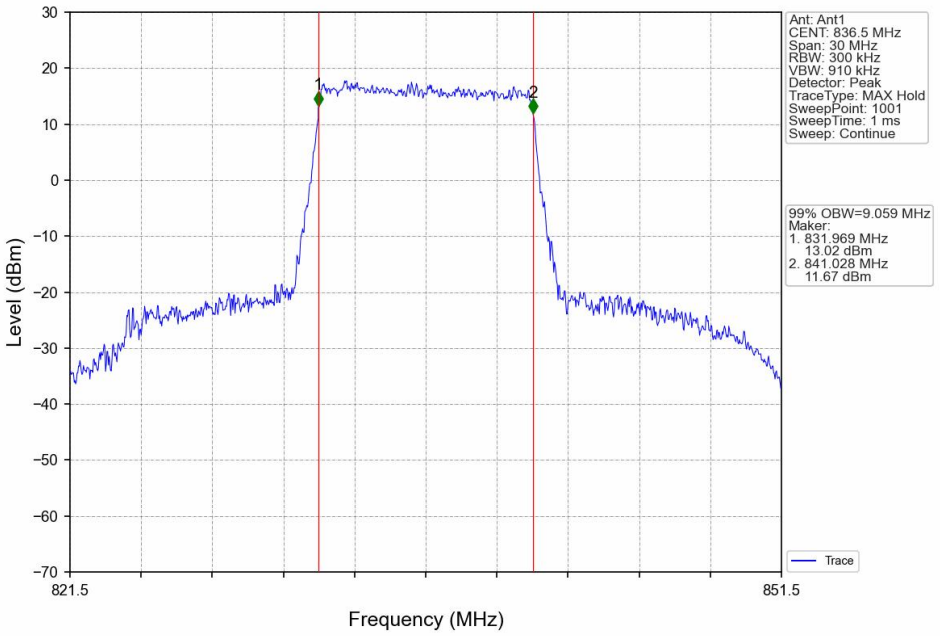
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



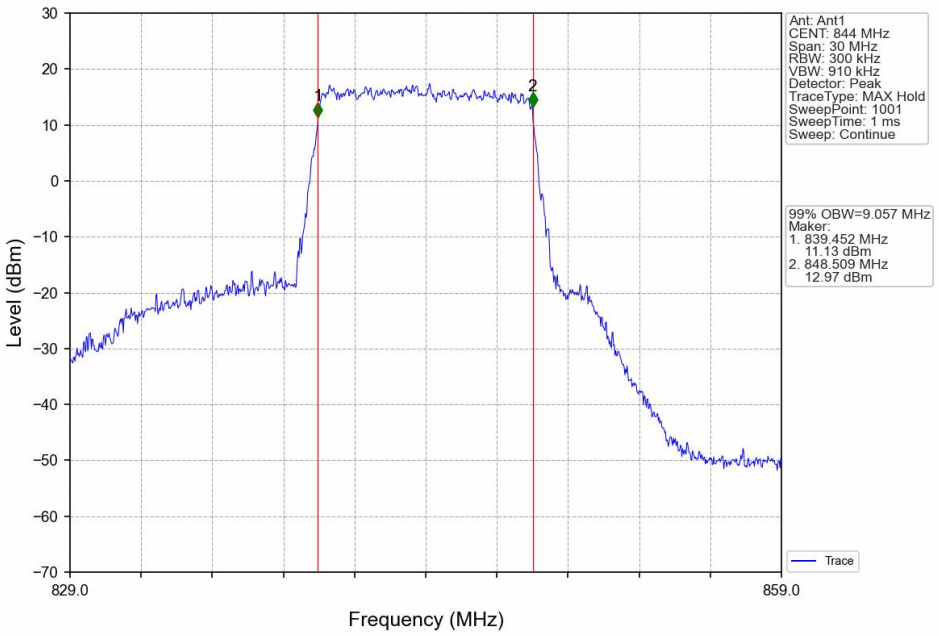
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



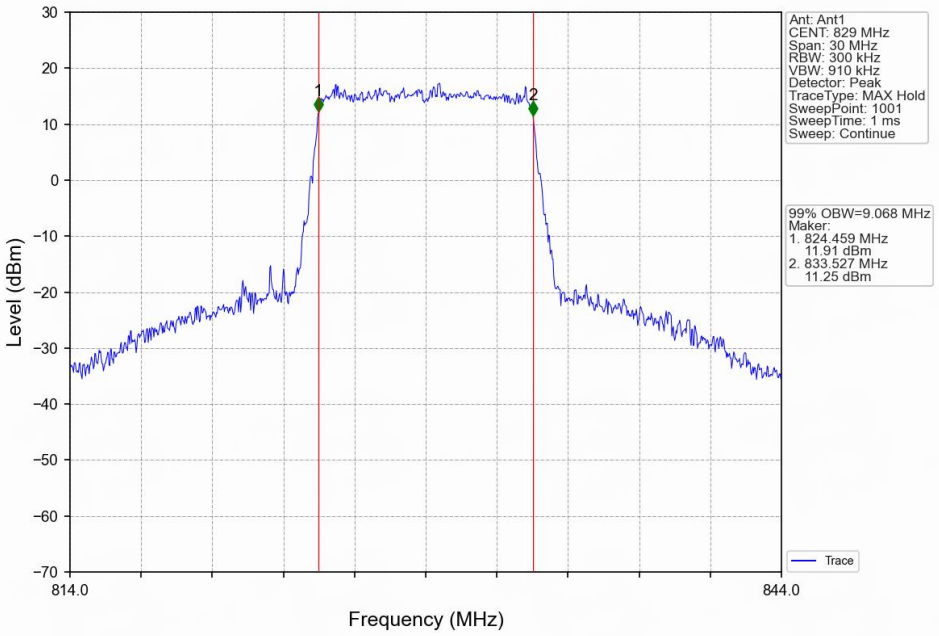
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



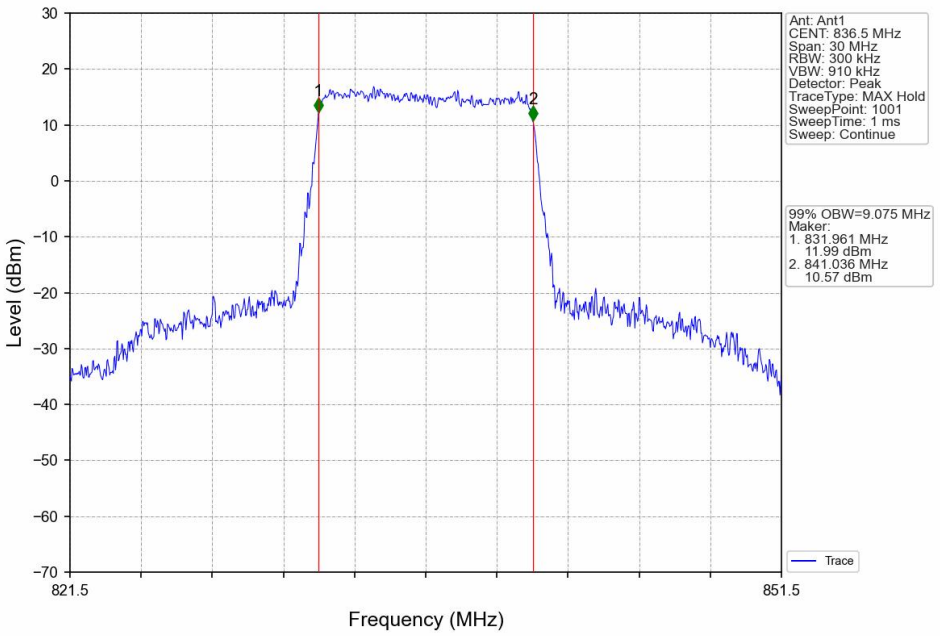
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



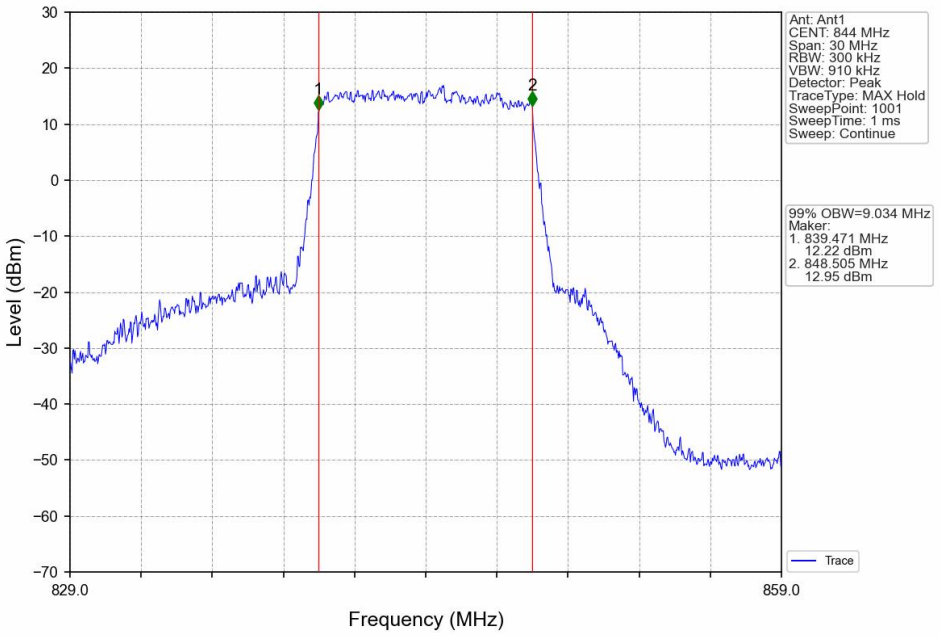
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



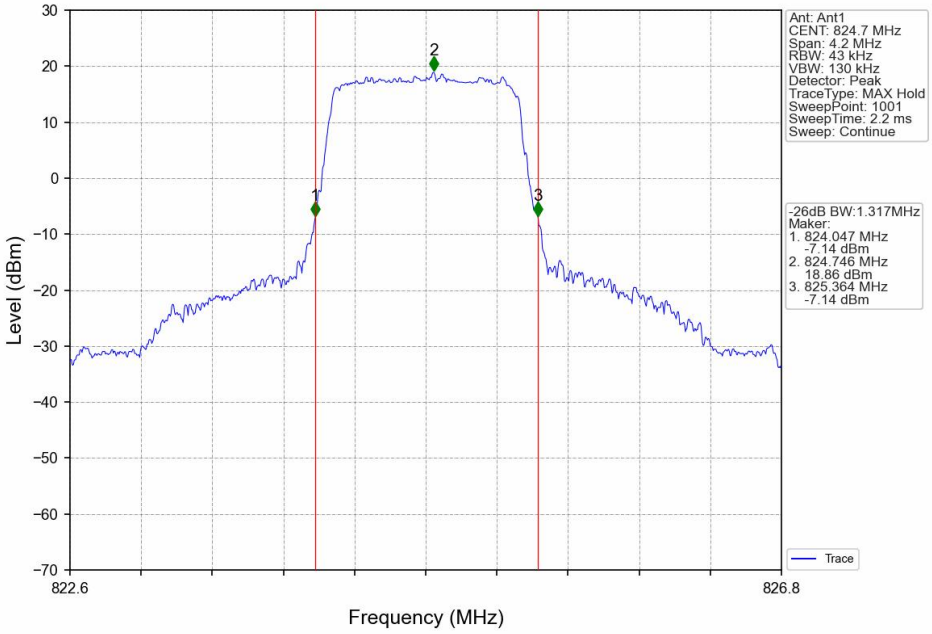
4.2 Band5_XDB

4.2.1 Test Result

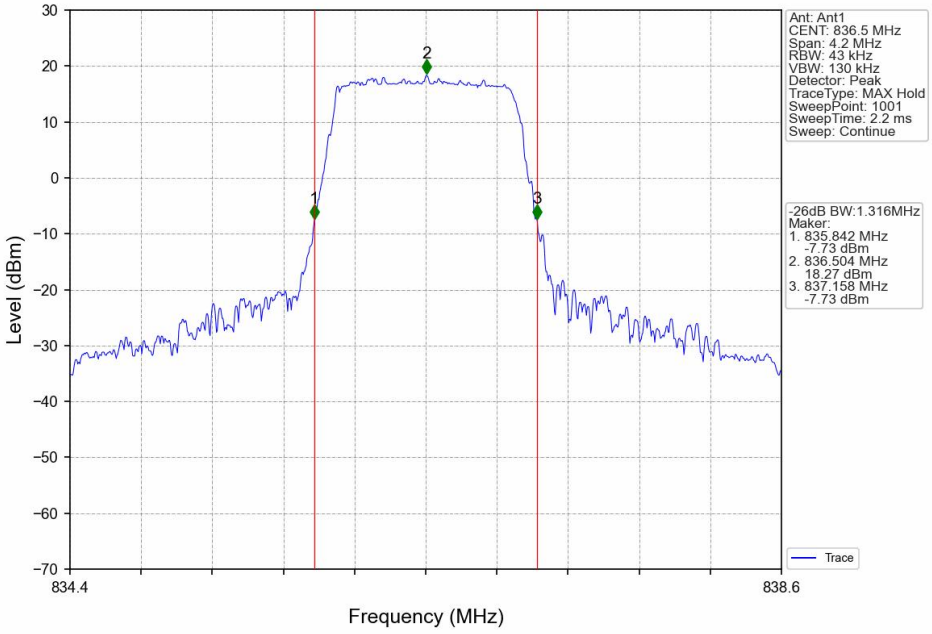
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.317	Pass
		836.5	6	0	1.316	Pass
		848.3	6	0	1.344	Pass
	16QAM	824.7	6	0	1.310	Pass
		836.5	6	0	1.303	Pass
		848.3	6	0	1.324	Pass
3	QPSK	825.5	15	0	3.001	Pass
		836.5	15	0	3.006	Pass
		847.5	15	0	2.986	Pass
	16QAM	825.5	15	0	3.003	Pass
		836.5	15	0	2.977	Pass
		847.5	15	0	3.003	Pass
5	QPSK	826.5	25	0	5.257	Pass
		836.5	25	0	5.241	Pass
		846.5	25	0	5.228	Pass
	16QAM	826.5	25	0	5.314	Pass
		836.5	25	0	5.266	Pass
		846.5	25	0	5.263	Pass
10	QPSK	829	50	0	10.281	Pass
		836.5	50	0	10.208	Pass
		844	50	0	10.286	Pass
	16QAM	829	50	0	10.294	Pass
		836.5	50	0	10.193	Pass
		844	50	0	10.143	Pass

4.2.2 Test Graph

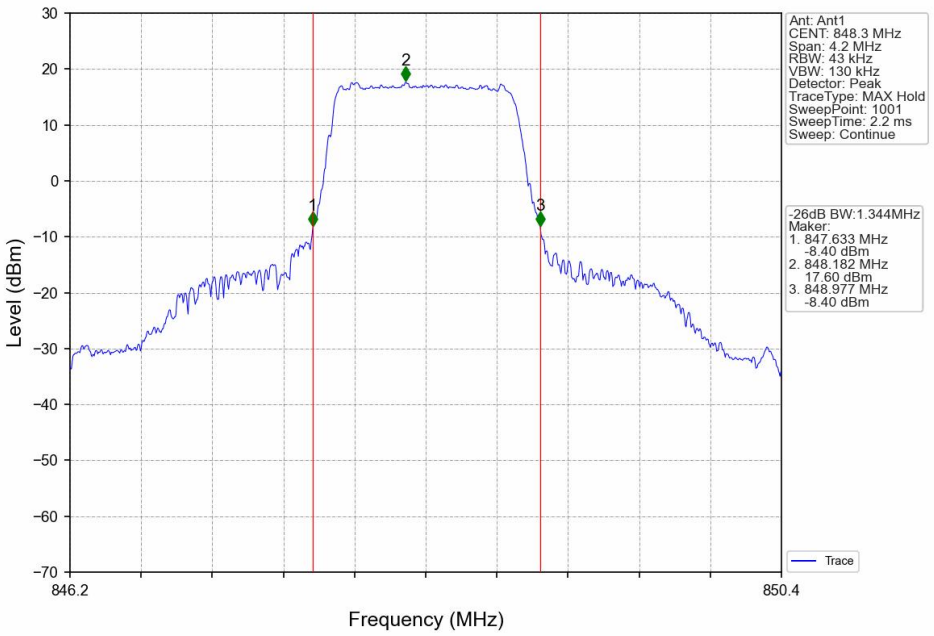
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



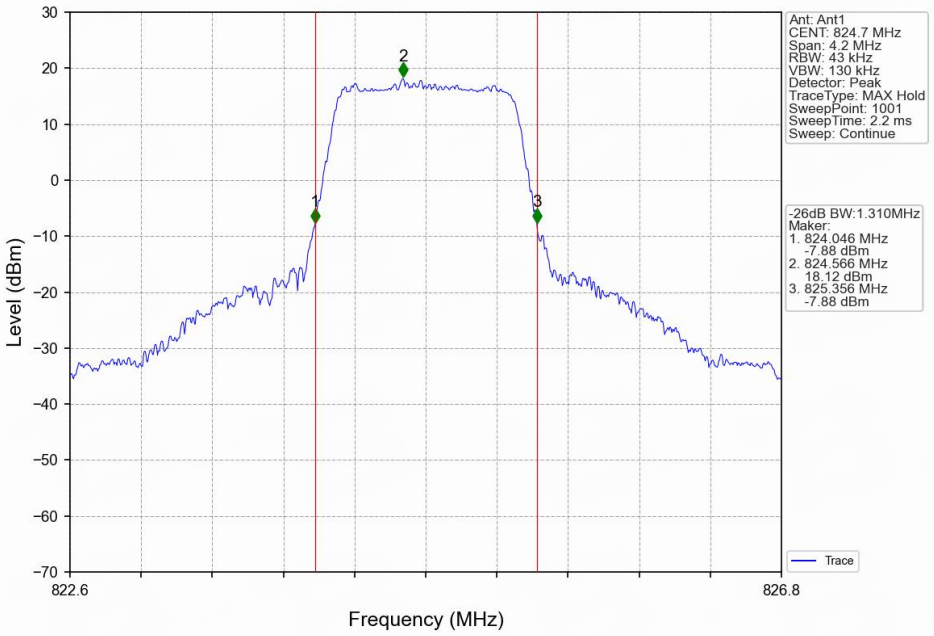
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



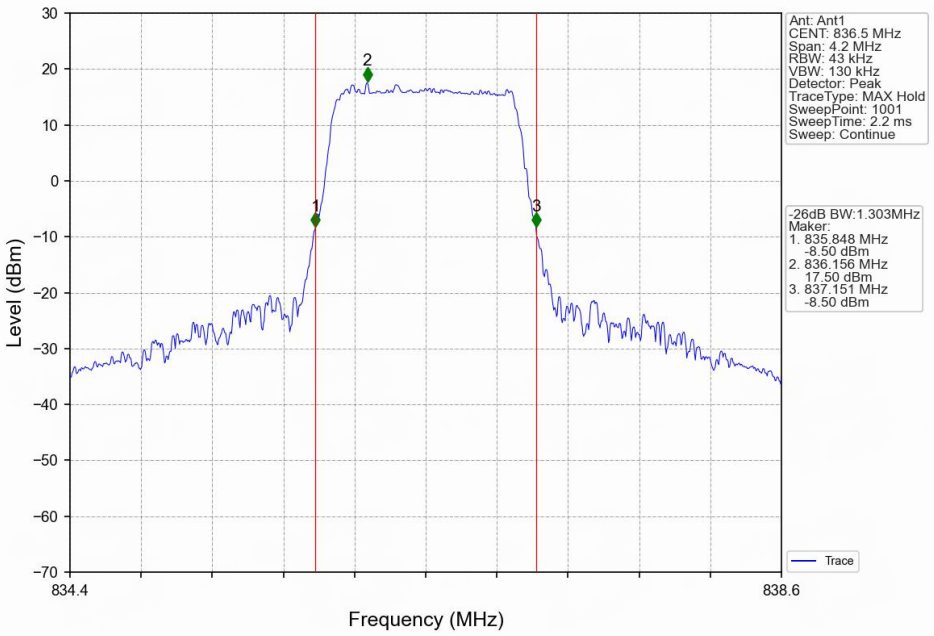
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



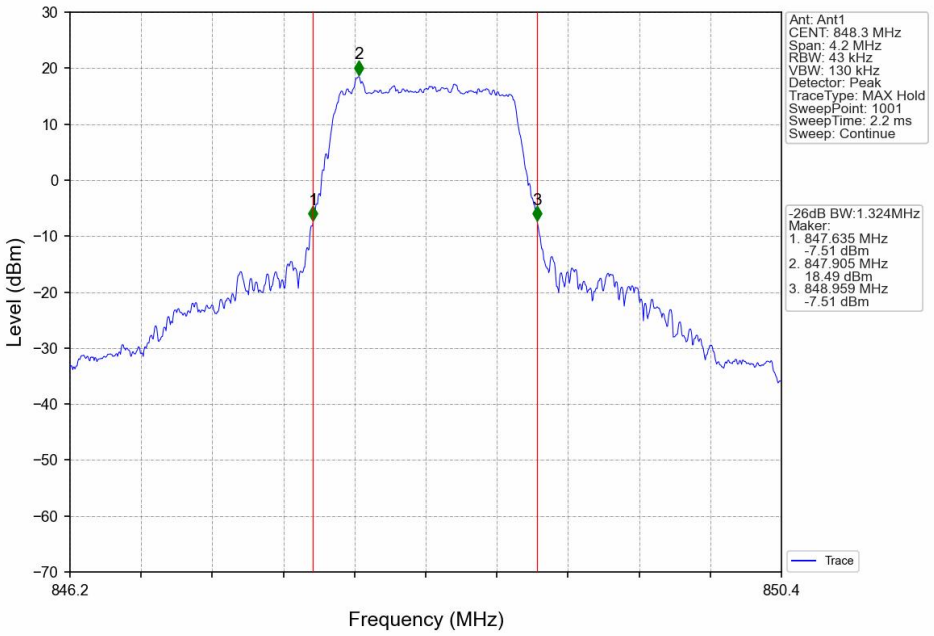
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



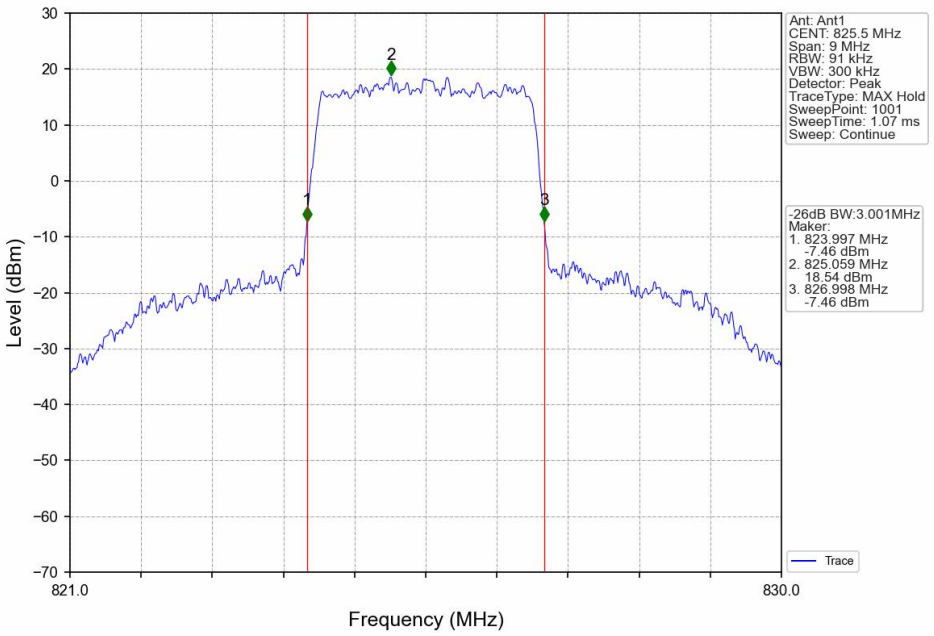
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



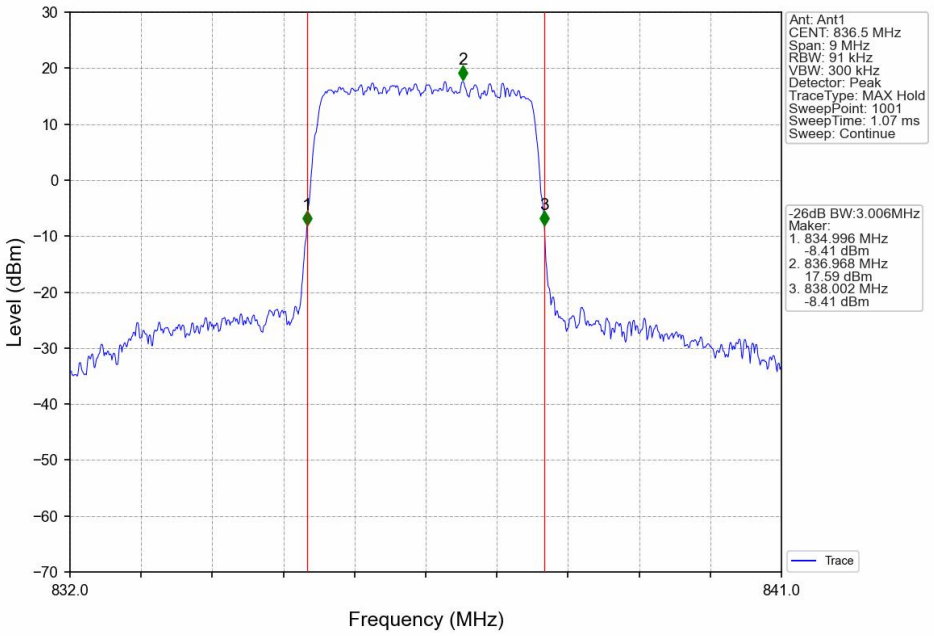
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



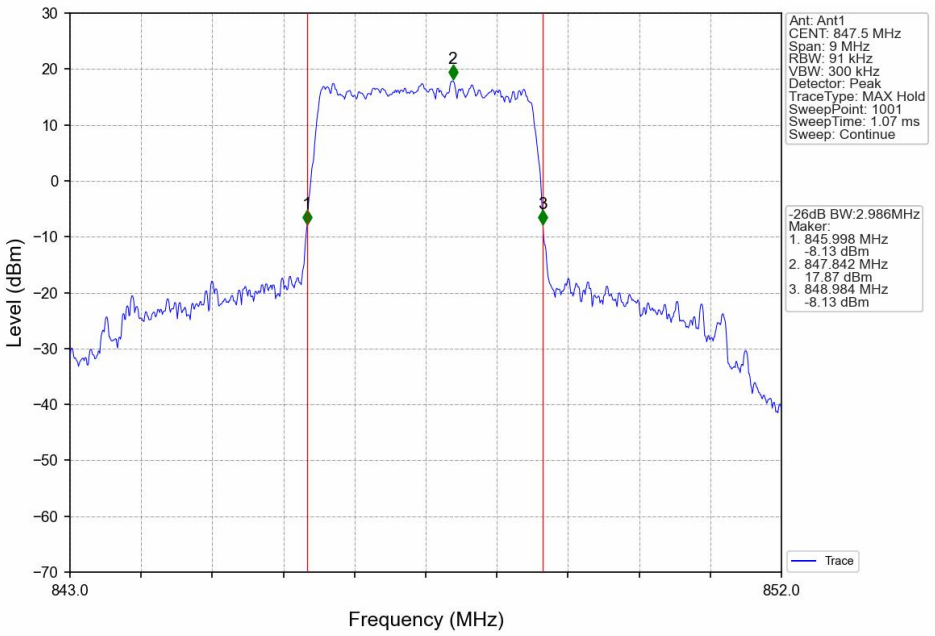
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



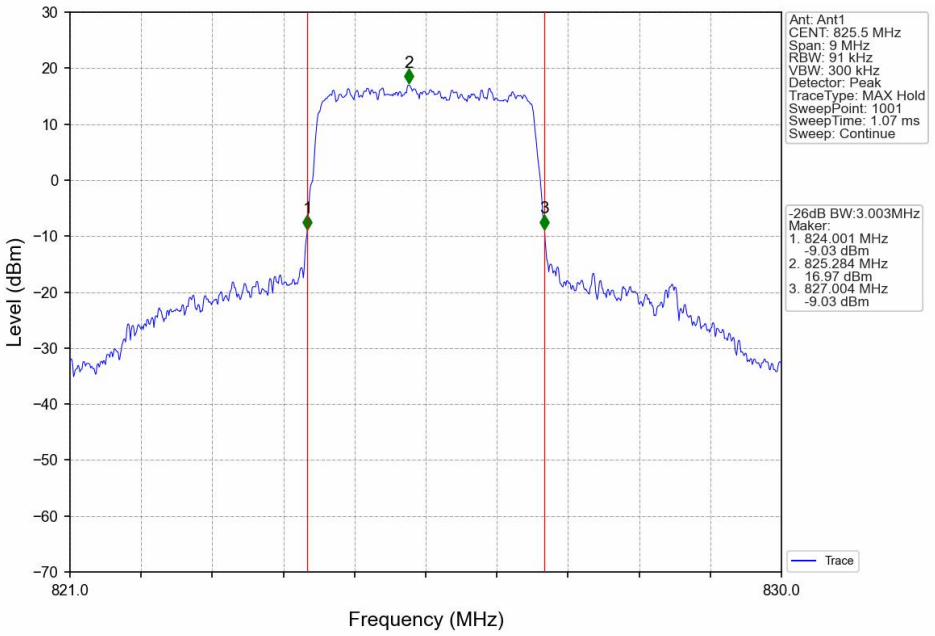
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



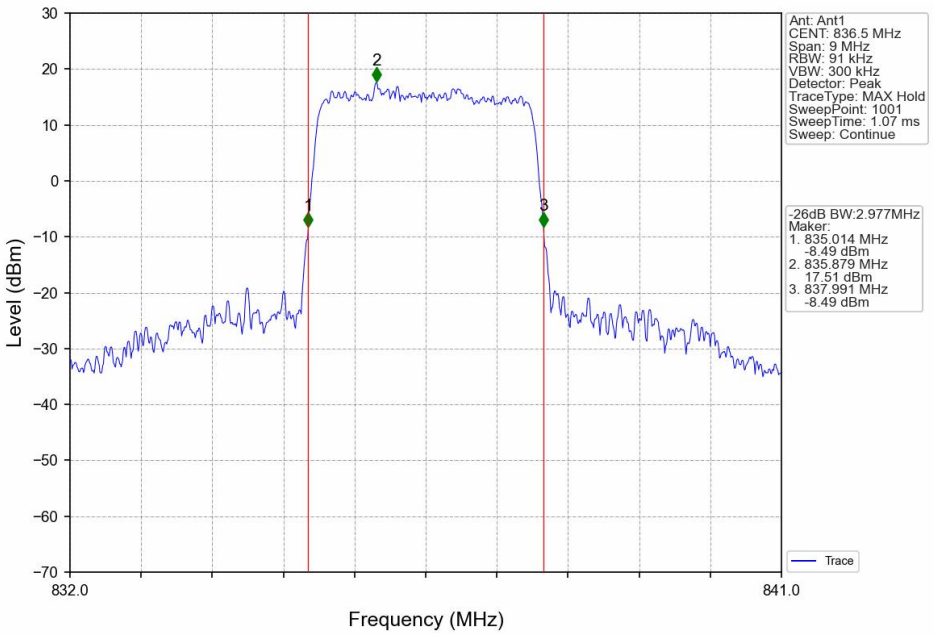
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



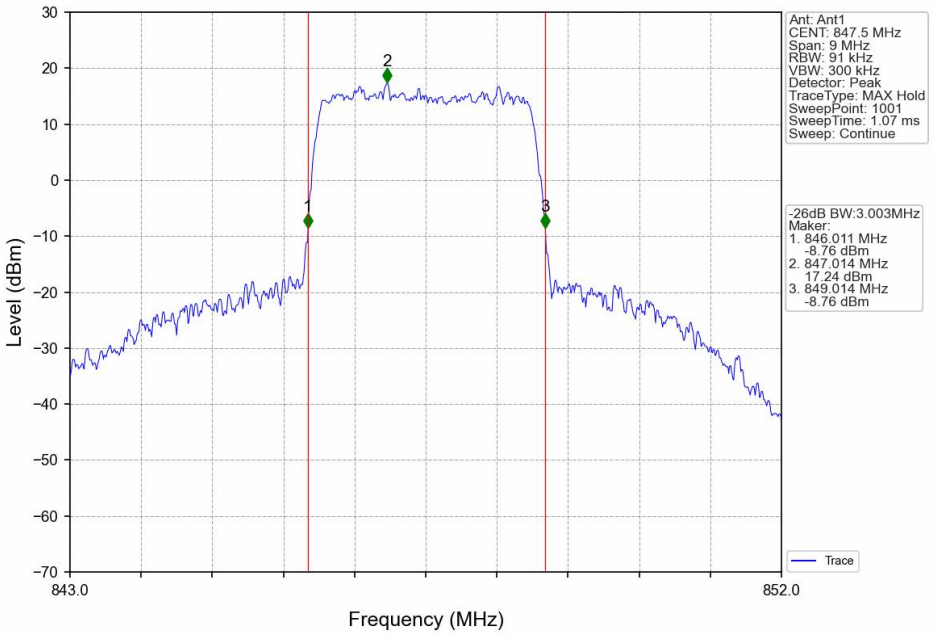
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



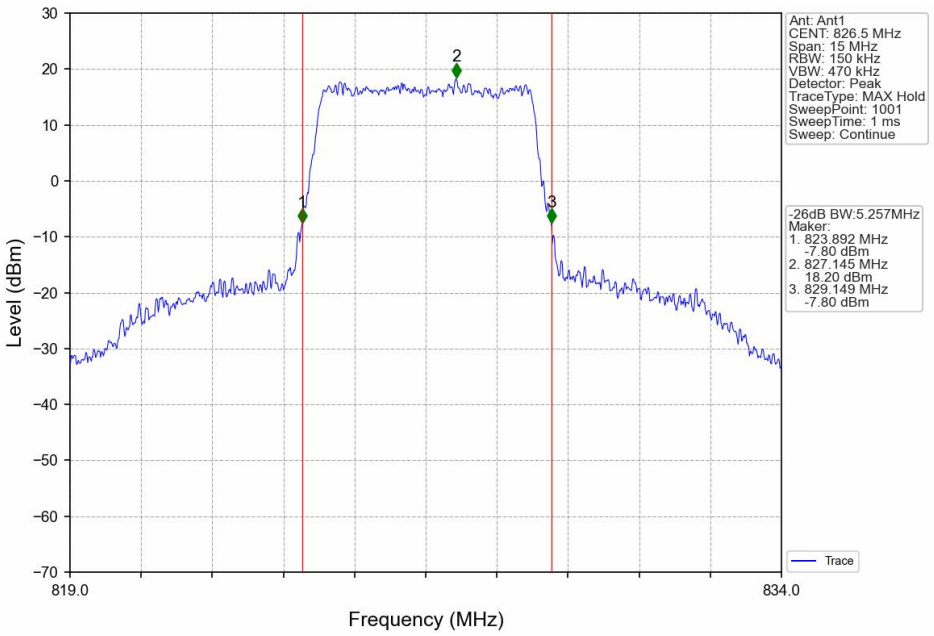
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



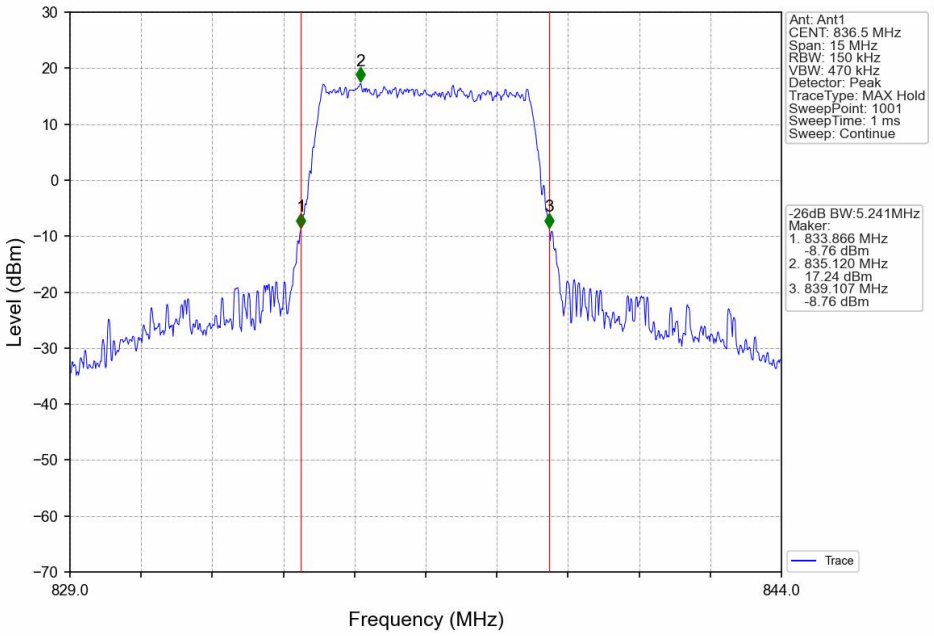
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



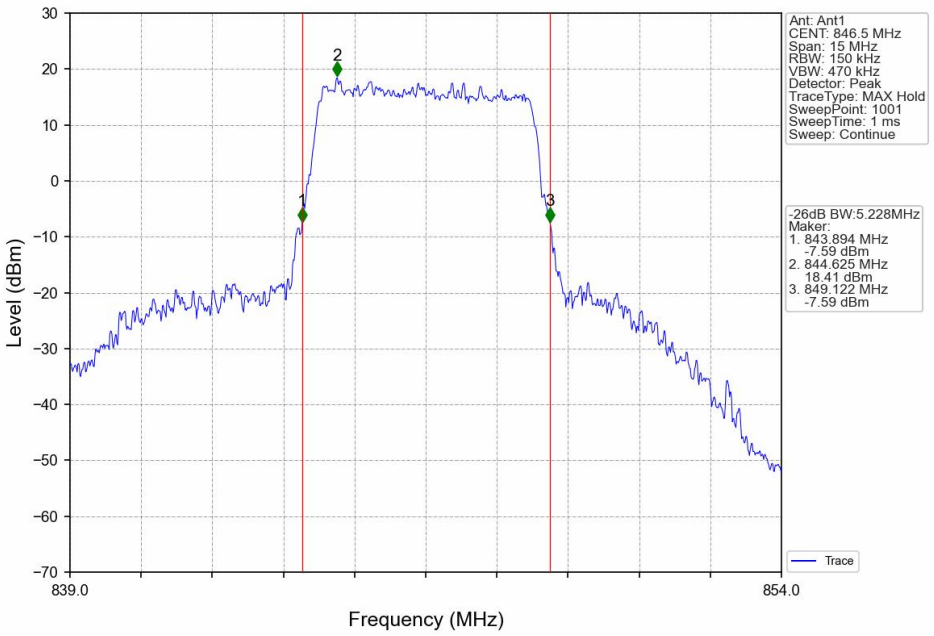
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



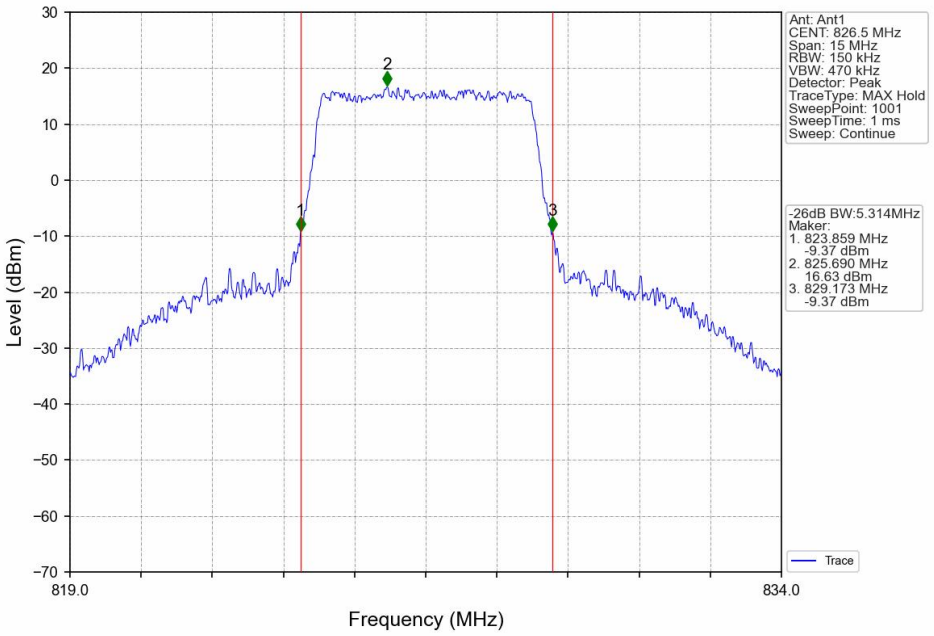
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



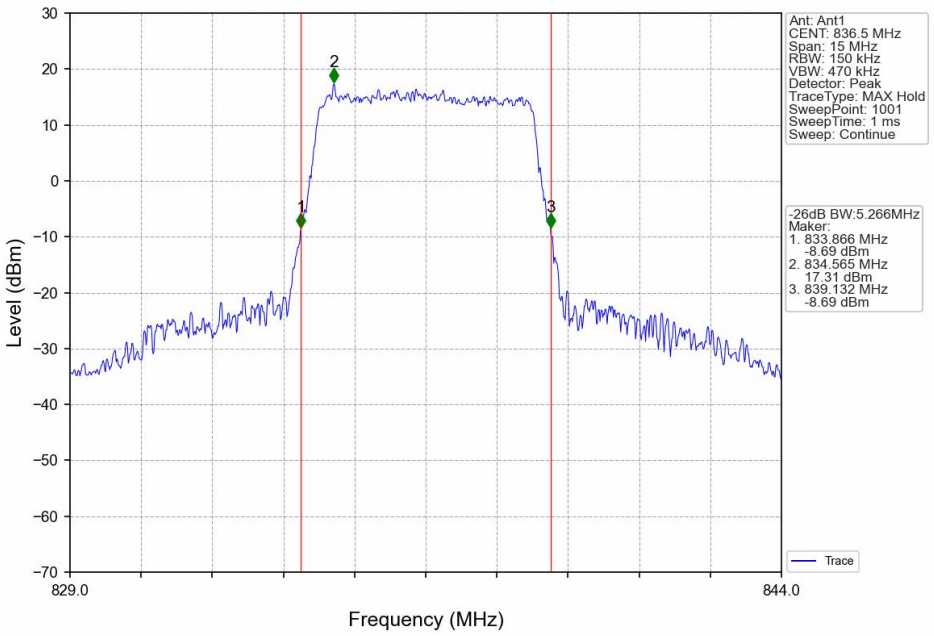
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



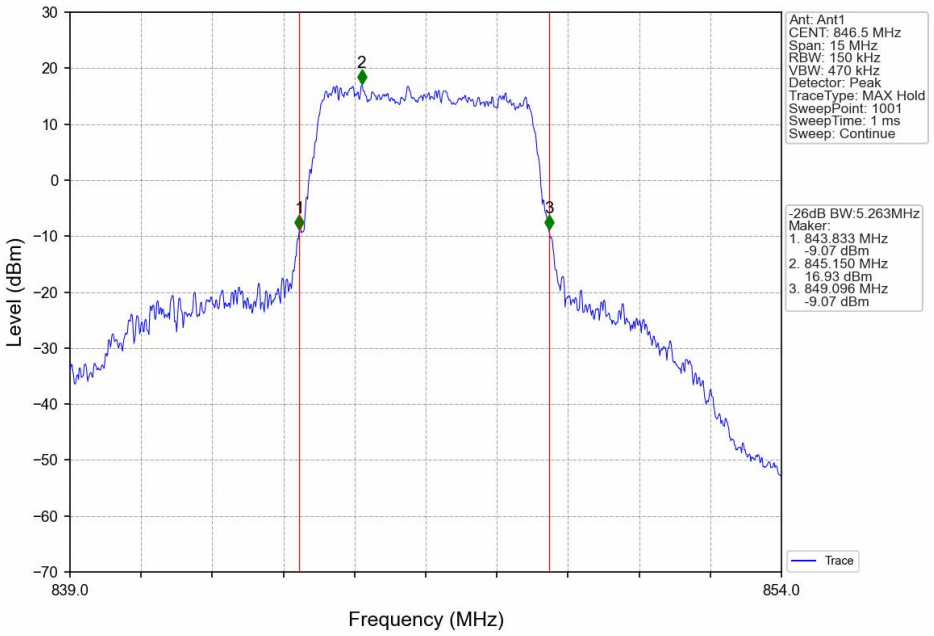
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



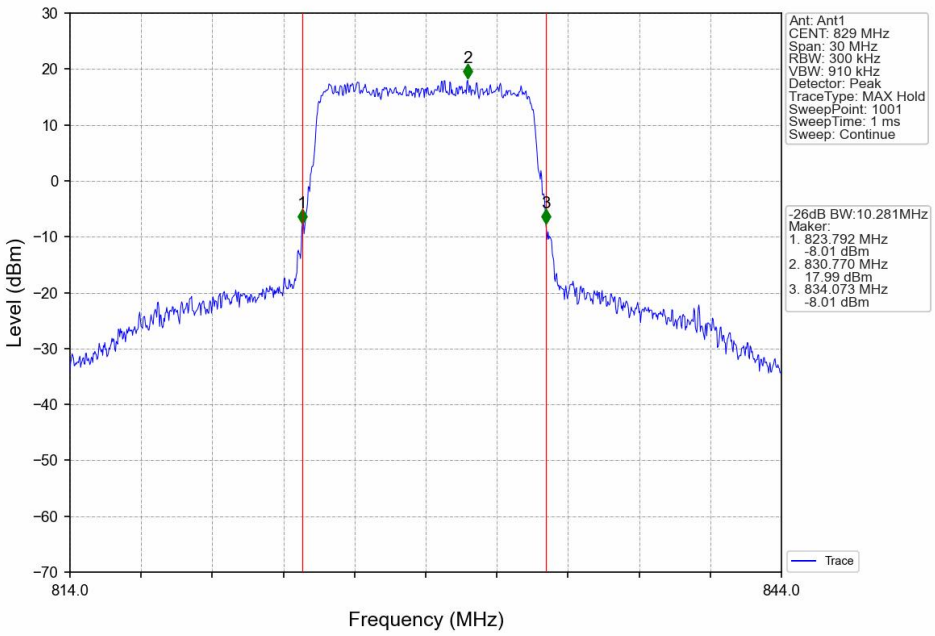
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



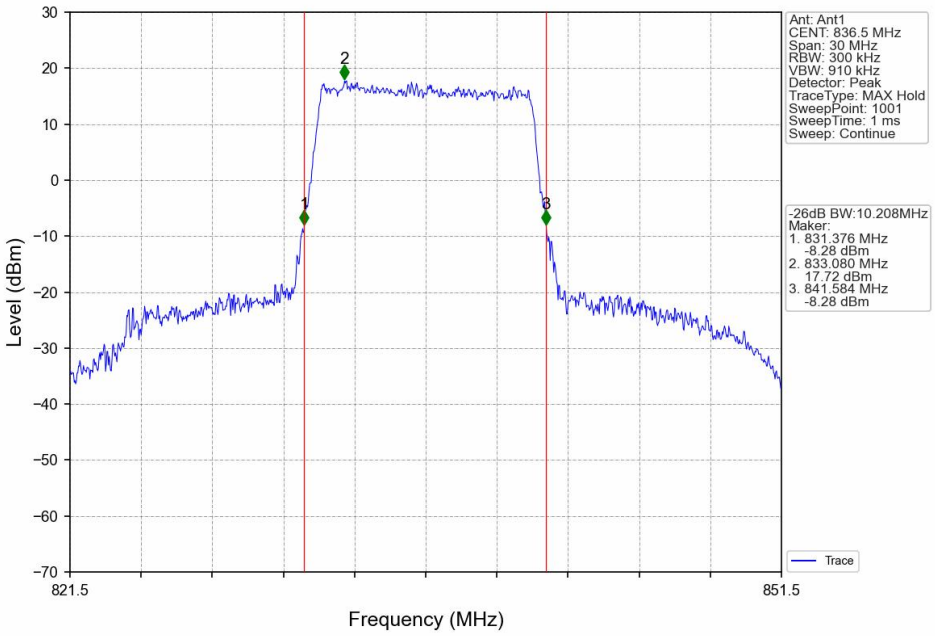
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



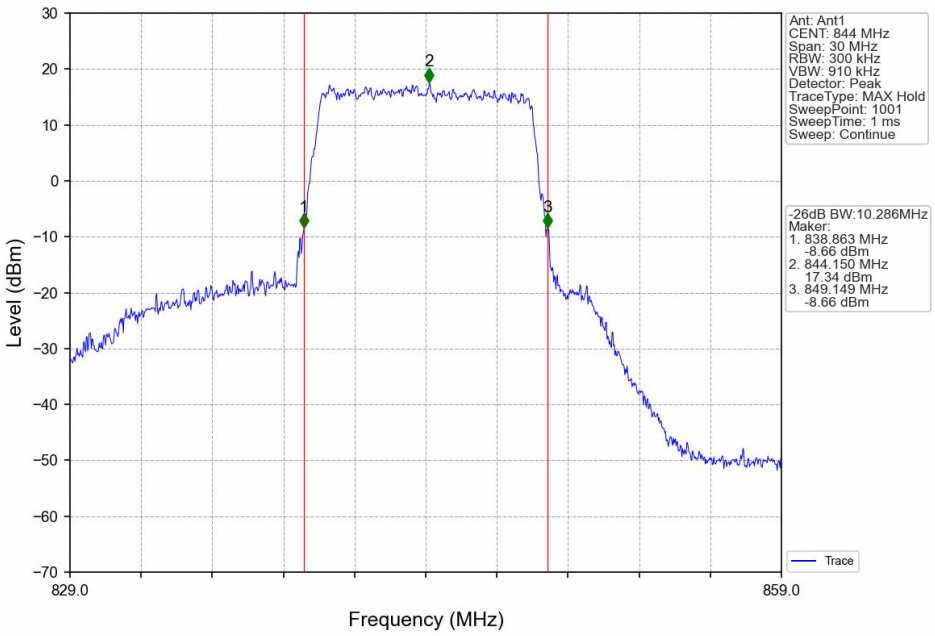
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



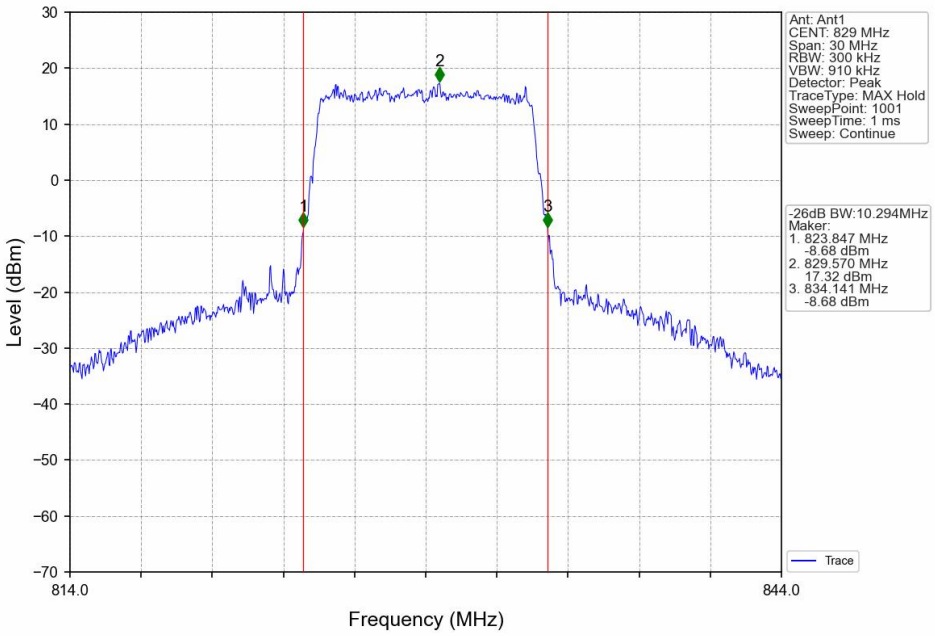
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



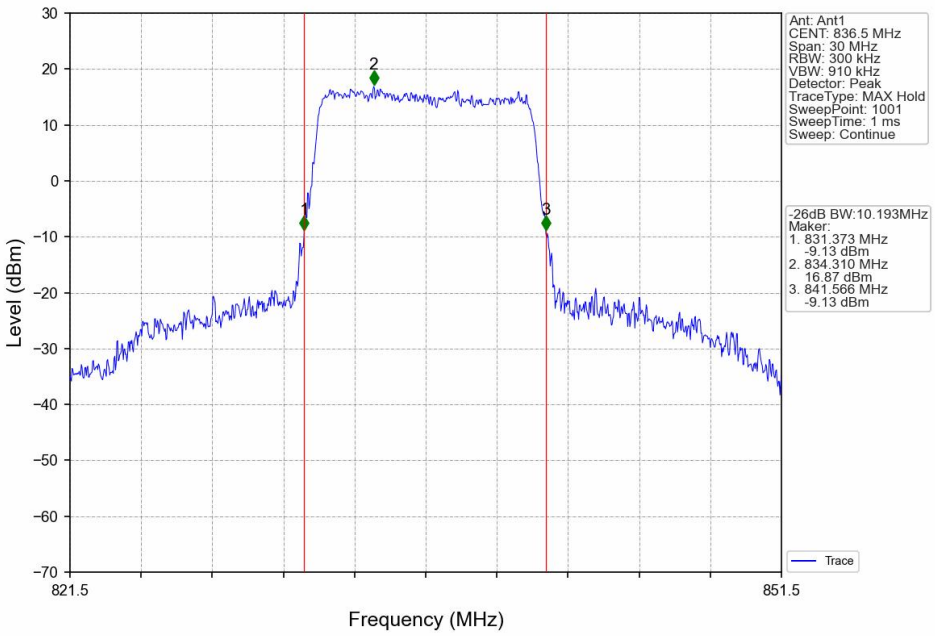
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



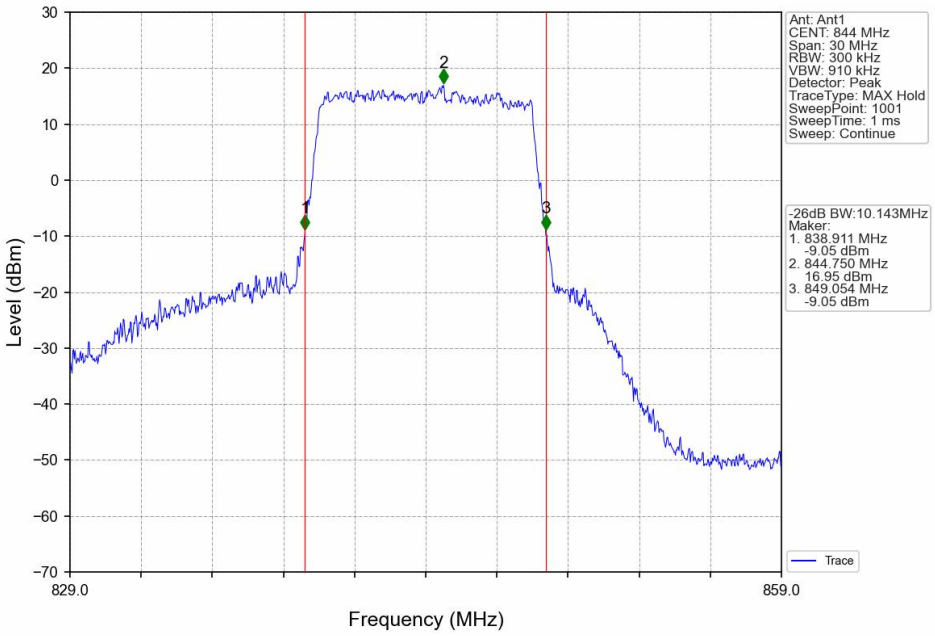
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

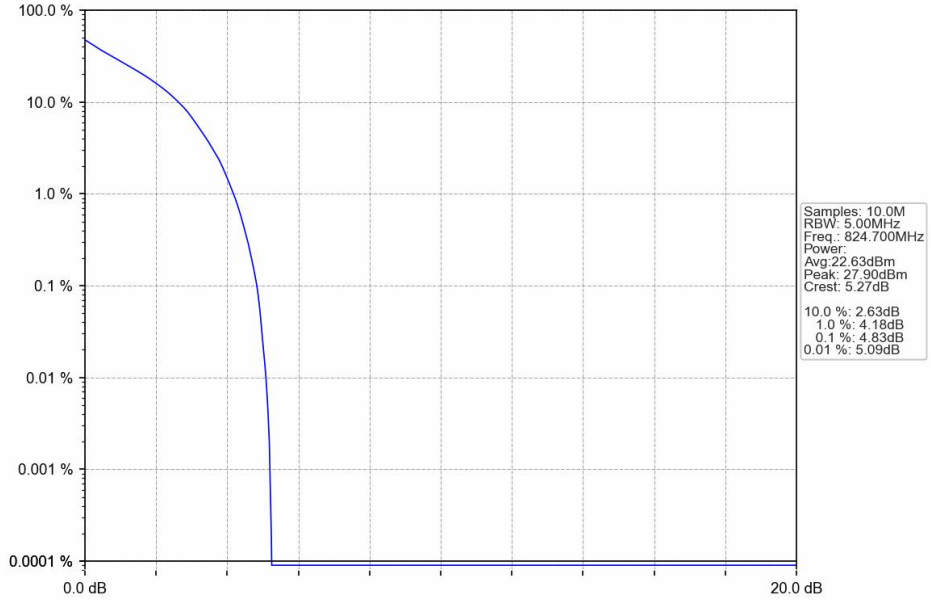
5.1 B5_1.4MHz

5.1.1 Test Result

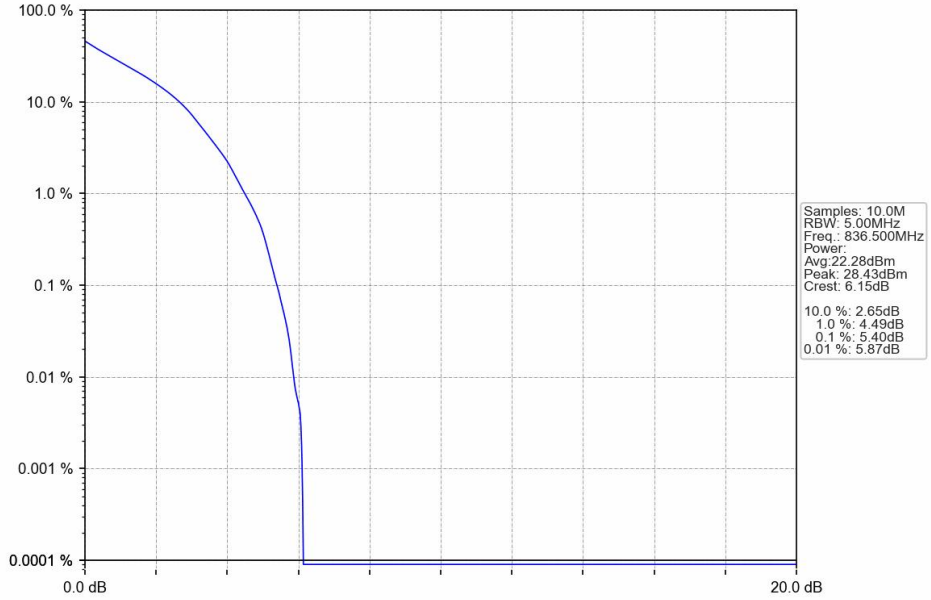
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.83	<=13	Pass
	836.5	6	0	5.40	<=13	Pass
	848.3	6	0	5.17	<=13	Pass
16QAM	824.7	6	0	5.72	<=13	Pass
	836.5	6	0	6.26	<=13	Pass
	848.3	6	0	5.97	<=13	Pass

5.1.2 Test Graph

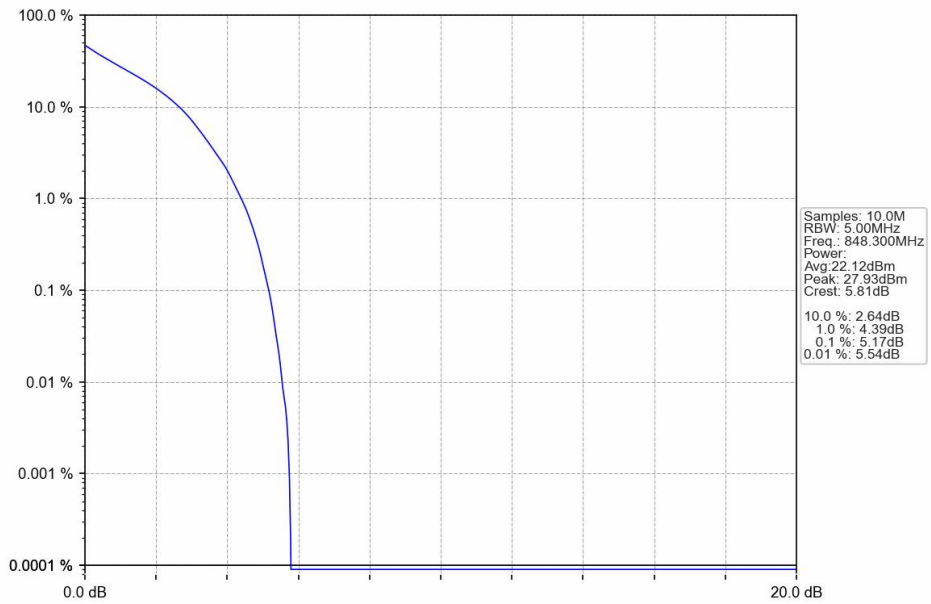
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



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