Appendix G for SHCR2208001794CO-LTE Band 5

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	22.51	0.40	20.76	<=38.45	Pass
			2	22.53	0.40	20.78	<=38.45	Pass
			5	22.76	0.40	21.01	<=38.45	Pass
		3	0	22.63	0.40	20.88	<=38.45	Pass
			2	22.66	0.40	20.91	<=38.45	Pass
			3	22.69	0.40	20.94	<=38.45	Pass
		6	0	21.63	0.40	19.88	<=38.45	Pass
	836.5	1	0	22.50	0.40	20.75	<=38.45	Pass
			2	22.84	0.40	21.09	<=38.45	Pass
			5	22.59	0.40	20.84	<=38.45	Pass
		3	0	22.72	0.40	20.97	<=38.45	Pass
			2	22.69	0.40	20.94	<=38.45	Pass
			3	22.70	0.40	20.95	<=38.45	Pass
		6	0	21.69	0.40	19.94	<=38.45	Pass
	848.3	1	0	23.02	0.40	21.27	<=38.45	Pass
			2	23.03	0.40	21.28	<=38.45	Pass
			5	22.64	0.40	20.89	<=38.45	Pass
		3	0	22.73	0.40	20.98	<=38.45	Pass
			2	22.92	0.40	21.17	<=38.45	Pass
			3	22.89	0.40	21.14	<=38.45	Pass
		6	0	21.75	0.40	20.00	<=38.45	Pass
16QAM	824.7	1	0	22.16	0.40	20.41	<=38.45	Pass
			2	22.31	0.40	20.56	<=38.45	Pass
			5	22.15	0.40	20.40	<=38.45	Pass
		3	0	21.65	0.40	19.90	<=38.45	Pass
			2	21.49	0.40	19.74	<=38.45	Pass
			3	21.82	0.40	20.07	<=38.45	Pass
		6	0	20.78	0.40	19.03	<=38.45	Pass
	836.5	1	0	21.35	0.40	19.60	<=38.45	Pass
			2	21.38	0.40	19.63	<=38.45	Pass
			5	21.41	0.40	19.66	<=38.45	Pass
		3	0	21.67	0.40	19.92	<=38.45	Pass
			2	21.70	0.40	19.95	<=38.45	Pass
			3	21.87	0.40	20.12	<=38.45	Pass
		6	0	20.69	0.40	18.94	<=38.45	Pass
	848.3	1	0	21.94	0.40	20.19	<=38.45	Pass
			2	22.08	0.40	20.33	<=38.45	Pass
			5	21.97	0.40	20.22	<=38.45	Pass
		3	0	21.78	0.40	20.03	<=38.45	Pass
			2	21.79	0.40	20.04	<=38.45	Pass
			3	21.83	0.40	20.08	<=38.45	Pass
		6	0	20.80	0.40	19.05	<=38.45	Pass
64QAM	824.7	1	0	21.87	0.40	20.12	<=38.45	Pass

			2	21.89	0.40	20.14	<=38.45	Pass
			5	22.49	0.40	20.74	<=38.45	Pass
		3	0	21.65	0.40	19.90	<=38.45	Pass
			2	22.12	0.40	20.37	<=38.45	Pass
			3	22.13	0.40	20.38	<=38.45	Pass
		6	0	20.81	0.40	19.06	<=38.45	Pass
	836.5	1	0	21.71	0.40	19.96	<=38.45	Pass
			2	21.90	0.40	20.15	<=38.45	Pass
			5	21.69	0.40	19.94	<=38.45	Pass
		3	0	21.74	0.40	19.99	<=38.45	Pass
			2	21.41	0.40	19.66	<=38.45	Pass
			3	21.41	0.40	19.66	<=38.45	Pass
		6	0	20.83	0.40	19.08	<=38.45	Pass
	848.3	1	0	21.92	0.40	20.17	<=38.45	Pass
			2	22.20	0.40	20.45	<=38.45	Pass
			5	21.96	0.40	20.21	<=38.45	Pass
		3	0	21.85	0.40	20.10	<=38.45	Pass
			2	21.92	0.40	20.17	<=38.45	Pass
			3	21.95	0.40	20.20	<=38.45	Pass
		6	0	20.22	0.40	18.47	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B5_3MHz_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	22.41	0.40	20.66	<=38.45	Pass
			7	22.98	0.40	21.23	<=38.45	Pass
			14	22.68	0.40	20.93	<=38.45	Pass
		8	0	21.70	0.40	19.95	<=38.45	Pass
			4	21.87	0.40	20.12	<=38.45	Pass
			7	21.84	0.40	20.09	<=38.45	Pass
		15	0	21.77	0.40	20.02	<=38.45	Pass
	836.5	1	0	22.57	0.40	20.82	<=38.45	Pass
			7	22.78	0.40	21.03	<=38.45	Pass
			14	22.59	0.40	20.84	<=38.45	Pass
		8	0	21.71	0.40	19.96	<=38.45	Pass
			4	21.73	0.40	19.98	<=38.45	Pass
			7	21.65	0.40	19.90	<=38.45	Pass
		15	0	21.59	0.40	19.84	<=38.45	Pass
	847.5	1	0	22.78	0.40	21.03	<=38.45	Pass
			7	22.76	0.40	21.01	<=38.45	Pass
			14	22.85	0.40	21.10	<=38.45	Pass
		8	0	21.81	0.40	20.06	<=38.45	Pass
			4	21.83	0.40	20.08	<=38.45	Pass
			7	21.80	0.40	20.05	<=38.45	Pass
		15	0	21.83	0.40	20.08	<=38.45	Pass
16QAM	825.5	1	0	22.05	0.40	20.30	<=38.45	Pass
			7	22.08	0.40	20.33	<=38.45	Pass
			14	21.96	0.40	20.21	<=38.45	Pass
		8	0	20.85	0.40	19.10	<=38.45	Pass

			4	20.90	0.40	19.15	<=38.45	Pass
			7	20.82	0.40	19.07	<=38.45	Pass
		15	0	20.75	0.40	19.00	<=38.45	Pass
	836.5	1	0	22.20	0.40	20.45	<=38.45	Pass
			7	22.32	0.40	20.57	<=38.45	Pass
			14	22.31	0.40	20.56	<=38.45	Pass
		8	0	20.51	0.40	18.76	<=38.45	Pass
			4	20.69	0.40	18.94	<=38.45	Pass
			7	20.69	0.40	18.94	<=38.45	Pass
		15	0	20.61	0.40	18.86	<=38.45	Pass
	847.5	1	0	21.58	0.40	19.83	<=38.45	Pass
			7	21.79	0.40	20.04	<=38.45	Pass
			14	21.57	0.40	19.82	<=38.45	Pass
		8	0	20.69	0.40	18.94	<=38.45	Pass
			4	20.79	0.40	19.04	<=38.45	Pass
			7	20.91	0.40	19.16	<=38.45	Pass
		15	0	20.75	0.40	19.00	<=38.45	Pass
64QAM	825.5	1	0	21.58	0.40	19.83	<=38.45	Pass
			7	22.34	0.40	20.59	<=38.45	Pass
			14	22.02	0.40	20.27	<=38.45	Pass
		8	0	20.55	0.40	18.80	<=38.45	Pass
			4	20.61	0.40	18.86	<=38.45	Pass
			7	20.53	0.40	18.78	<=38.45	Pass
		15	0	20.56	0.40	18.81	<=38.45	Pass
	836.5	1	0	21.40	0.40	19.65	<=38.45	Pass
			7	21.57	0.40	19.82	<=38.45	Pass
			14	21.84	0.40	20.09	<=38.45	Pass
		8	0	20.44	0.40	18.69	<=38.45	Pass
			4	20.42	0.40	18.67	<=38.45	Pass
			7	20.44	0.40	18.69	<=38.45	Pass
		15	0	20.43	0.40	18.68	<=38.45	Pass
	847.5	1	0	21.59	0.40	19.84	<=38.45	Pass
			7	21.49	0.40	19.74	<=38.45	Pass
			14	21.34	0.40	19.59	<=38.45	Pass
		8	0	20.66	0.40	18.91	<=38.45	Pass
			4	20.73	0.40	18.98	<=38.45	Pass
			7	20.47	0.40	18.72	<=38.45	Pass
		15	0	20.53	0.40	18.78	<=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	22.33	0.40	20.58	<=38.45	Pass
			13	22.72	0.40	20.97	<=38.45	Pass
			24	22.64	0.40	20.89	<=38.45	Pass
		12	0	21.67	0.40	19.92	<=38.45	Pass
			6	21.79	0.40	20.04	<=38.45	Pass
			13	21.72	0.40	19.97	<=38.45	Pass
		25	0	21.80	0.40	20.05	<=38.45	Pass

	836.5	1	0	22.22	0.40	20.47	<=38.45	Pass
			13	22.59	0.40	20.84	<=38.45	Pass
			24	22.39	0.40	20.64	<=38.45	Pass
		12	0	21.58	0.40	19.83	<=38.45	Pass
			6	21.67	0.40	19.92	<=38.45	Pass
			13	21.67	0.40	19.92	<=38.45	Pass
		25	0	21.58	0.40	19.83	<=38.45	Pass
	846.5	1	0	22.39	0.40	20.64	<=38.45	Pass
			13	22.89	0.40	21.14	<=38.45	Pass
			24	22.81	0.40	21.06	<=38.45	Pass
		12	0	21.66	0.40	19.91	<=38.45	Pass
			6	21.78	0.40	20.03	<=38.45	Pass
			13	21.68	0.40	19.93	<=38.45	Pass
		25	0	21.81	0.40	20.06	<=38.45	Pass
16QAM	826.5	1	0	20.79	0.40	19.04	<=38.45	Pass
			13	21.34	0.40	19.59	<=38.45	Pass
			24	21.02	0.40	19.27	<=38.45	Pass
		12	0	20.65	0.40	18.90	<=38.45	Pass
			6	20.72	0.40	18.97	<=38.45	Pass
			13	20.66	0.40	18.91	<=38.45	Pass
		25	0	20.76	0.40	19.01	<=38.45	Pass
	836.5	1	0	21.61	0.40	19.86	<=38.45	Pass
			13	22.14	0.40	20.39	<=38.45	Pass
			24	21.78	0.40	20.03	<=38.45	Pass
		12	0	20.54	0.40	18.79	<=38.45	Pass
			6	20.65	0.40	18.90	<=38.45	Pass
			13	20.54	0.40	18.79	<=38.45	Pass
		25	0	20.53	0.40	18.78	<=38.45	Pass
	846.5	1	0	21.46	0.40	19.71	<=38.45	Pass
			13	21.55	0.40	19.80	<=38.45	Pass
			24	21.38	0.40	19.63	<=38.45	Pass
		12	0	20.41	0.40	18.66	<=38.45	Pass
			6	20.70	0.40	18.95	<=38.45	Pass
			13	20.59	0.40	18.84	<=38.45	Pass
		25	0	20.80	0.40	19.05	<=38.45	Pass
64QAM	826.5	1	0	21.34	0.40	19.59	<=38.45	Pass
			13	21.67	0.40	19.92	<=38.45	Pass
			24	21.29	0.40	19.54	<=38.45	Pass
		12	0	20.33	0.40	18.58	<=38.45	Pass
			6	20.61	0.40	18.86	<=38.45	Pass
			13	20.49	0.40	18.74	<=38.45	Pass
		25	0	20.63	0.40	18.88	<=38.45	Pass
	836.5	1	0	21.53	0.40	19.78	<=38.45	Pass
			13	21.65	0.40	19.90	<=38.45	Pass
			24	21.41	0.40	19.66	<=38.45	Pass
		12	0	20.02	0.40	18.27	<=38.45	Pass
			6	20.16	0.40	18.41	<=38.45	Pass
			13	20.08	0.40	18.33	<=38.45	Pass
		25	0	20.29	0.40	18.54	<=38.45	Pass
	846.5	1	0	21.28	0.40	19.53	<=38.45	Pass
			13	21.81	0.40	20.06	<=38.45	Pass
			24	21.55	0.40	19.80	<=38.45	Pass
		12	0	20.49	0.40	18.74	<=38.45	Pass
			6	20.56	0.40	18.81	<=38.45	Pass
			13	20.30	0.40	18.55	<=38.45	Pass
		25	0	20.46	0.40	18.71	<=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	22.57	0.40	20.82	<=38.45	Pass
			25	22.97	0.40	21.22	<=38.45	Pass
			49	22.38	0.40	20.63	<=38.45	Pass
		25	0	21.84	0.40	20.09	<=38.45	Pass
			13	21.79	0.40	20.04	<=38.45	Pass
			25	21.66	0.40	19.91	<=38.45	Pass
		50	0	21.76	0.40	20.01	<=38.45	Pass
	836.5	1	0	22.49	0.40	20.74	<=38.45	Pass
			25	22.98	0.40	21.23	<=38.45	Pass
			49	22.60	0.40	20.85	<=38.45	Pass
		25	0	21.54	0.40	19.79	<=38.45	Pass
			13	21.70	0.40	19.95	<=38.45	Pass
			25	21.58	0.40	19.83	<=38.45	Pass
		50	0	21.56	0.40	19.81	<=38.45	Pass
	844	1	0	22.56	0.40	20.81	<=38.45	Pass
			25	23.06	0.40	21.31	<=38.45	Pass
			49	22.55	0.40	20.80	<=38.45	Pass
		25	0	21.76	0.40	20.01	<=38.45	Pass
			13	21.79	0.40	20.04	<=38.45	Pass
			25	21.76	0.40	20.01	<=38.45	Pass
		50	0	21.73	0.40	19.98	<=38.45	Pass
16QAM	829	1	0	22.07	0.40	20.32	<=38.45	Pass
			25	22.82	0.40	21.07	<=38.45	Pass
			49	21.66	0.40	19.91	<=38.45	Pass
		25	0	20.90	0.40	19.15	<=38.45	Pass
			13	20.87	0.40	19.12	<=38.45	Pass
			25	20.63	0.40	18.88	<=38.45	Pass
		50	0	20.70	0.40	18.95	<=38.45	Pass
	836.5	1	0	21.03	0.40	19.28	<=38.45	Pass
			25	22.14	0.40	20.39	<=38.45	Pass
			49	22.24	0.40	20.49	<=38.45	Pass
		25	0	20.73	0.40	18.98	<=38.45	Pass
			13	20.83	0.40	19.08	<=38.45	Pass
			25	20.63	0.40	18.88	<=38.45	Pass
		50	0	20.56	0.40	18.81	<=38.45	Pass
	844	1	0	21.56	0.40	19.81	<=38.45	Pass
			25	21.65	0.40	19.90	<=38.45	Pass
			49	21.23	0.40	19.48	<=38.45	Pass
		25	0	20.74	0.40	18.99	<=38.45	Pass
			13	20.84	0.40	19.09	<=38.45	Pass
			25	20.80	0.40	19.05	<=38.45	Pass
		50	0	20.57	0.40	18.82	<=38.45	Pass
64QAM	829	1	0	21.76	0.40	20.01	<=38.45	Pass
			25	22.03	0.40	20.28	<=38.45	Pass
			49	21.52	0.40	19.77	<=38.45	Pass

		25	0	20.78	0.40	19.03	<=38.45	Pass
			13	20.73	0.40	18.98	<=38.45	Pass
			25	20.54	0.40	18.79	<=38.45	Pass
		50	0	20.60	0.40	18.85	<=38.45	Pass
	836.5	1	0	21.37	0.40	19.62	<=38.45	Pass
			25	21.96	0.40	20.21	<=38.45	Pass
			49	21.62	0.40	19.87	<=38.45	Pass
		25	0	20.48	0.40	18.73	<=38.45	Pass
			13	20.53	0.40	18.78	<=38.45	Pass
			25	20.42	0.40	18.67	<=38.45	Pass
		50	0	20.43	0.40	18.68	<=38.45	Pass
	844	1	0	21.46	0.40	19.71	<=38.45	Pass
			25	21.97	0.40	20.22	<=38.45	Pass
			49	21.68	0.40	19.93	<=38.45	Pass
		25	0	20.65	0.40	18.90	<=38.45	Pass
			13	20.70	0.40	18.95	<=38.45	Pass
			25	20.65	0.40	18.90	<=38.45	Pass
		50	0	20.55	0.40	18.80	<=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	6.12	-2.275	-0.0028	-2.5 to 2.5	Pass
					7.20	-1.518	-0.0018	-2.5 to 2.5	Pass
					8.28	-1.817	-0.0022	-2.5 to 2.5	Pass
				-30	7.20	-2.242	-0.0027	-2.5 to 2.5	Pass
				-20	7.20	-1.976	-0.0024	-2.5 to 2.5	Pass
				-10	7.20	-1.828	-0.0022	-2.5 to 2.5	Pass
				0	7.20	-2.098	-0.0025	-2.5 to 2.5	Pass
				10	7.20	-1.880	-0.0023	-2.5 to 2.5	Pass
				30	7.20	-1.517	-0.0018	-2.5 to 2.5	Pass
				40	7.20	-1.146	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-2.335	-0.0028	-2.5 to 2.5	Pass
	836.5	6	0	20	6.12	-0.162	-0.0002	-2.5 to 2.5	Pass
					7.20	-0.510	-0.0006	-2.5 to 2.5	Pass
					8.28	0.226	0.0003	-2.5 to 2.5	Pass
				-30	7.20	-0.398	-0.0005	-2.5 to 2.5	Pass
				-20	7.20	-0.166	-0.0002	-2.5 to 2.5	Pass
				-10	7.20	0.115	0.0001	-2.5 to 2.5	Pass
				0	7.20	0.197	0.0002	-2.5 to 2.5	Pass
				10	7.20	-0.931	-0.0011	-2.5 to 2.5	Pass
				30	7.20	-0.701	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-0.591	-0.0007	-2.5 to 2.5	Pass
				50	7.20	-0.654	-0.0008	-2.5 to 2.5	Pass
	848.3	6	0	20	6.12	-0.153	-0.0002	-2.5 to 2.5	Pass
					7.20	-0.919	-0.0011	-2.5 to 2.5	Pass

					8.28	-0.343	-0.0004	-2.5 to 2.5	Pass
				-30	7.20	-0.022	0.0000	-2.5 to 2.5	Pass
				-20	7.20	0.375	0.0004	-2.5 to 2.5	Pass
				-10	7.20	0.334	0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.515	-0.0006	-2.5 to 2.5	Pass
				10	7.20	-0.007	0.0000	-2.5 to 2.5	Pass
				30	7.20	0.955	0.0011	-2.5 to 2.5	Pass
				40	7.20	-0.962	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-0.194	-0.0002	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	6.12	-2.109	-0.0026	-2.5 to 2.5	Pass
					7.20	-2.190	-0.0027	-2.5 to 2.5	Pass
					8.28	-2.661	-0.0032	-2.5 to 2.5	Pass
				-30	7.20	-2.748	-0.0033	-2.5 to 2.5	Pass
				-20	7.20	-1.992	-0.0024	-2.5 to 2.5	Pass
				-10	7.20	-1.063	-0.0013	-2.5 to 2.5	Pass
				0	7.20	-1.905	-0.0023	-2.5 to 2.5	Pass
				10	7.20	-2.531	-0.0031	-2.5 to 2.5	Pass
				30	7.20	-1.299	-0.0016	-2.5 to 2.5	Pass
				40	7.20	-3.107	-0.0038	-2.5 to 2.5	Pass
				50	7.20	-1.127	-0.0014	-2.5 to 2.5	Pass
	836.5	6	0	20	6.12	-0.257	-0.0003	-2.5 to 2.5	Pass
					7.20	-0.266	-0.0003	-2.5 to 2.5	Pass
					8.28	-1.724	-0.0021	-2.5 to 2.5	Pass
				-30	7.20	-1.684	-0.0020	-2.5 to 2.5	Pass
				-20	7.20	-1.866	-0.0022	-2.5 to 2.5	Pass
				-10	7.20	-0.345	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.592	-0.0007	-2.5 to 2.5	Pass
				10	7.20	0.027	0.0000	-2.5 to 2.5	Pass
				30	7.20	-0.976	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-1.151	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-0.327	-0.0004	-2.5 to 2.5	Pass
	848.3	6	0	20	6.12	0.016	0.0000	-2.5 to 2.5	Pass
					7.20	-0.695	-0.0008	-2.5 to 2.5	Pass
					8.28	-0.670	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-1.097	-0.0013	-2.5 to 2.5	Pass
				-20	7.20	-0.982	-0.0012	-2.5 to 2.5	Pass
				-10	7.20	-0.435	-0.0005	-2.5 to 2.5	Pass
				0	7.20	0.576	0.0007	-2.5 to 2.5	Pass
				10	7.20	-0.719	-0.0008	-2.5 to 2.5	Pass
				30	7.20	0.017	0.0000	-2.5 to 2.5	Pass
				40	7.20	-0.939	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-0.414	-0.0005	-2.5 to 2.5	Pass
64QAM	824.7	6	0	20	6.12	-0.902	-0.0011	-2.5 to 2.5	Pass
					7.20	-3.356	-0.0041	-2.5 to 2.5	Pass
					8.28	-2.095	-0.0025	-2.5 to 2.5	Pass
				-30	7.20	-1.773	-0.0021	-2.5 to 2.5	Pass
				-20	7.20	-0.738	-0.0009	-2.5 to 2.5	Pass
				-10	7.20	-1.763	-0.0021	-2.5 to 2.5	Pass
				0	7.20	-1.386	-0.0017	-2.5 to 2.5	Pass
				10	7.20	-2.310	-0.0028	-2.5 to 2.5	Pass
				30	7.20	-1.138	-0.0014	-2.5 to 2.5	Pass
				40	7.20	-1.161	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-0.355	-0.0004	-2.5 to 2.5	Pass
	836.5	6	0	20	6.12	0.246	0.0003	-2.5 to 2.5	Pass
					7.20	-0.706	-0.0008	-2.5 to 2.5	Pass
					8.28	-0.426	-0.0005	-2.5 to 2.5	Pass

				-30	7.20	-0.541	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	-0.935	-0.0011	-2.5 to 2.5	Pass
				-10	7.20	0.240	0.0003	-2.5 to 2.5	Pass
				0	7.20	0.074	0.0001	-2.5 to 2.5	Pass
				10	7.20	0.041	0.0000	-2.5 to 2.5	Pass
				30	7.20	-0.865	-0.0010	-2.5 to 2.5	Pass
				40	7.20	-0.783	-0.0009	-2.5 to 2.5	Pass
				50	7.20	-1.754	-0.0021	-2.5 to 2.5	Pass
	848.3	6	0	20	6.12	-0.849	-0.0010	-2.5 to 2.5	Pass
					7.20	-0.922	-0.0011	-2.5 to 2.5	Pass
					8.28	0.058	0.0001	-2.5 to 2.5	Pass
				-30	7.20	-1.068	-0.0013	-2.5 to 2.5	Pass
				-20	7.20	-0.606	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	-0.242	-0.0003	-2.5 to 2.5	Pass
				0	7.20	0.223	0.0003	-2.5 to 2.5	Pass
				10	7.20	0.852	0.0010	-2.5 to 2.5	Pass
				30	7.20	-0.220	-0.0003	-2.5 to 2.5	Pass
				40	7.20	-0.706	-0.0008	-2.5 to 2.5	Pass
				50	7.20	-0.903	-0.0011	-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	6.12	-0.136	-0.0002	-2.5 to 2.5	Pass
					7.20	0.435	0.0005	-2.5 to 2.5	Pass
					8.28	-1.260	-0.0015	-2.5 to 2.5	Pass
				-30	7.20	0.820	0.0010	-2.5 to 2.5	Pass
				-20	7.20	-0.207	-0.0003	-2.5 to 2.5	Pass
				-10	7.20	0.366	0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.091	-0.0001	-2.5 to 2.5	Pass
				10	7.20	0.323	0.0004	-2.5 to 2.5	Pass
				30	7.20	-0.545	-0.0007	-2.5 to 2.5	Pass
				40	7.20	-0.843	-0.0010	-2.5 to 2.5	Pass
				50	7.20	-0.658	-0.0008	-2.5 to 2.5	Pass
	836.5	15	0	20	6.12	-1.937	-0.0023	-2.5 to 2.5	Pass
					7.20	-0.782	-0.0009	-2.5 to 2.5	Pass
					8.28	-1.074	-0.0013	-2.5 to 2.5	Pass
				-30	7.20	-0.587	-0.0007	-2.5 to 2.5	Pass
				-20	7.20	-1.539	-0.0018	-2.5 to 2.5	Pass
				-10	7.20	0.063	0.0001	-2.5 to 2.5	Pass
				0	7.20	0.065	0.0001	-2.5 to 2.5	Pass
				10	7.20	-0.432	-0.0005	-2.5 to 2.5	Pass
				30	7.20	-0.442	-0.0005	-2.5 to 2.5	Pass
				40	7.20	-0.922	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-1.543	-0.0018	-2.5 to 2.5	Pass
	847.5	15	0	20	6.12	-1.377	-0.0016	-2.5 to 2.5	Pass
					7.20	-1.127	-0.0013	-2.5 to 2.5	Pass
					8.28	-1.439	-0.0017	-2.5 to 2.5	Pass
				-30	7.20	-1.128	-0.0013	-2.5 to 2.5	Pass
				-20	7.20	-0.680	-0.0008	-2.5 to 2.5	Pass

				-10	7.20	-1.002	-0.0012	-2.5 to 2.5	Pass
				0	7.20	-1.254	-0.0015	-2.5 to 2.5	Pass
				10	7.20	-1.249	-0.0015	-2.5 to 2.5	Pass
				30	7.20	-1.207	-0.0014	-2.5 to 2.5	Pass
				40	7.20	-0.190	-0.0002	-2.5 to 2.5	Pass
				50	7.20	-1.436	-0.0017	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	6.12	-0.596	-0.0007	-2.5 to 2.5	Pass
					7.20	-0.807	-0.0010	-2.5 to 2.5	Pass
					8.28	-0.396	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	-0.643	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	-0.430	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	0.452	0.0005	-2.5 to 2.5	Pass
				0	7.20	-0.854	-0.0010	-2.5 to 2.5	Pass
				10	7.20	0.346	0.0004	-2.5 to 2.5	Pass
				30	7.20	0.622	0.0008	-2.5 to 2.5	Pass
				40	7.20	0.644	0.0008	-2.5 to 2.5	Pass
				50	7.20	0.974	0.0012	-2.5 to 2.5	Pass
	836.5	15	0	20	6.12	-0.669	-0.0008	-2.5 to 2.5	Pass
					7.20	-0.110	-0.0001	-2.5 to 2.5	Pass
					8.28	-0.461	-0.0006	-2.5 to 2.5	Pass
				-30	7.20	-1.231	-0.0015	-2.5 to 2.5	Pass
				-20	7.20	-0.340	-0.0004	-2.5 to 2.5	Pass
				-10	7.20	-1.501	-0.0018	-2.5 to 2.5	Pass
				0	7.20	0.169	0.0002	-2.5 to 2.5	Pass
				10	7.20	-0.160	-0.0002	-2.5 to 2.5	Pass
				30	7.20	-0.219	-0.0003	-2.5 to 2.5	Pass
				40	7.20	-0.658	-0.0008	-2.5 to 2.5	Pass
				50	7.20	-0.300	-0.0004	-2.5 to 2.5	Pass
	847.5	15	0	20	6.12	-1.791	-0.0021	-2.5 to 2.5	Pass
					7.20	-1.556	-0.0018	-2.5 to 2.5	Pass
					8.28	-1.561	-0.0018	-2.5 to 2.5	Pass
				-30	7.20	-2.237	-0.0026	-2.5 to 2.5	Pass
				-20	7.20	-1.152	-0.0014	-2.5 to 2.5	Pass
				-10	7.20	-2.020	-0.0024	-2.5 to 2.5	Pass
				0	7.20	-1.014	-0.0012	-2.5 to 2.5	Pass
				10	7.20	-1.932	-0.0023	-2.5 to 2.5	Pass
				30	7.20	-1.876	-0.0022	-2.5 to 2.5	Pass
				40	7.20	-0.861	-0.0010	-2.5 to 2.5	Pass
				50	7.20	-1.723	-0.0020	-2.5 to 2.5	Pass
64QAM	825.5	15	0	20	6.12	1.335	0.0016	-2.5 to 2.5	Pass
					7.20	-0.759	-0.0009	-2.5 to 2.5	Pass
					8.28	0.665	0.0008	-2.5 to 2.5	Pass
				-30	7.20	0.725	0.0009	-2.5 to 2.5	Pass
				-20	7.20	1.577	0.0019	-2.5 to 2.5	Pass
				-10	7.20	-0.341	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.716	-0.0009	-2.5 to 2.5	Pass
				10	7.20	-1.382	-0.0017	-2.5 to 2.5	Pass
				30	7.20	0.083	0.0001	-2.5 to 2.5	Pass
				40	7.20	-0.831	-0.0010	-2.5 to 2.5	Pass
				50	7.20	0.047	0.0001	-2.5 to 2.5	Pass
	836.5	15	0	20	6.12	0.164	0.0002	-2.5 to 2.5	Pass
					7.20	-1.112	-0.0013	-2.5 to 2.5	Pass
					8.28	-0.437	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	-0.704	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	-0.747	-0.0009	-2.5 to 2.5	Pass
				-10	7.20	0.511	0.0006	-2.5 to 2.5	Pass

				0	7.20	-0.002	0.0000	-2.5 to 2.5	Pass
				10	7.20	-0.356	-0.0004	-2.5 to 2.5	Pass
				30	7.20	-0.372	-0.0004	-2.5 to 2.5	Pass
				40	7.20	0.611	0.0007	-2.5 to 2.5	Pass
				50	7.20	-0.130	-0.0002	-2.5 to 2.5	Pass
	847.5	15	0	20	6.12	-2.155	-0.0025	-2.5 to 2.5	Pass
					7.20	-2.660	-0.0031	-2.5 to 2.5	Pass
					8.28	-2.652	-0.0031	-2.5 to 2.5	Pass
				-30	7.20	-2.630	-0.0031	-2.5 to 2.5	Pass
				-20	7.20	-3.814	-0.0045	-2.5 to 2.5	Pass
				-10	7.20	-2.249	-0.0027	-2.5 to 2.5	Pass
				0	7.20	-1.845	-0.0022	-2.5 to 2.5	Pass
				10	7.20	-2.633	-0.0031	-2.5 to 2.5	Pass
				30	7.20	-1.761	-0.0021	-2.5 to 2.5	Pass
				40	7.20	-1.194	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-2.761	-0.0033	-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	6.12	-0.791	-0.0010	-2.5 to 2.5	Pass
					7.20	-1.422	-0.0017	-2.5 to 2.5	Pass
					8.28	-1.400	-0.0017	-2.5 to 2.5	Pass
				-30	7.20	-1.659	-0.0020	-2.5 to 2.5	Pass
				-20	7.20	-1.088	-0.0013	-2.5 to 2.5	Pass
				-10	7.20	-0.730	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-1.305	-0.0016	-2.5 to 2.5	Pass
				10	7.20	-0.458	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-1.335	-0.0016	-2.5 to 2.5	Pass
				40	7.20	-2.239	-0.0027	-2.5 to 2.5	Pass
				50	7.20	-1.239	-0.0015	-2.5 to 2.5	Pass
	836.5	25	0	20	6.12	-0.766	-0.0009	-2.5 to 2.5	Pass
					7.20	-0.924	-0.0011	-2.5 to 2.5	Pass
					8.28	-1.977	-0.0024	-2.5 to 2.5	Pass
				-30	7.20	-1.098	-0.0013	-2.5 to 2.5	Pass
				-20	7.20	-0.573	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	0.758	0.0009	-2.5 to 2.5	Pass
				0	7.20	0.093	0.0001	-2.5 to 2.5	Pass
				10	7.20	-0.848	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-1.127	-0.0013	-2.5 to 2.5	Pass
				40	7.20	-0.198	-0.0002	-2.5 to 2.5	Pass
				50	7.20	0.152	0.0002	-2.5 to 2.5	Pass
	846.5	25	0	20	6.12	-0.831	-0.0010	-2.5 to 2.5	Pass
					7.20	-0.962	-0.0011	-2.5 to 2.5	Pass
					8.28	-0.235	-0.0003	-2.5 to 2.5	Pass
				-30	7.20	0.190	0.0002	-2.5 to 2.5	Pass
				-20	7.20	0.052	0.0001	-2.5 to 2.5	Pass
				-10	7.20	0.528	0.0006	-2.5 to 2.5	Pass
				0	7.20	0.171	0.0002	-2.5 to 2.5	Pass
				10	7.20	-0.859	-0.0010	-2.5 to 2.5	Pass

				30	7.20	-0.108	-0.0001	-2.5 to 2.5	Pass
				40	7.20	0.199	0.0002	-2.5 to 2.5	Pass
				50	7.20	-1.358	-0.0016	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	6.12	-2.344	-0.0028	-2.5 to 2.5	Pass
					7.20	-2.685	-0.0032	-2.5 to 2.5	Pass
					8.28	-2.225	-0.0027	-2.5 to 2.5	Pass
				-30	7.20	-2.580	-0.0031	-2.5 to 2.5	Pass
				-20	7.20	-0.967	-0.0012	-2.5 to 2.5	Pass
				-10	7.20	-0.695	-0.0008	-2.5 to 2.5	Pass
				0	7.20	-2.096	-0.0025	-2.5 to 2.5	Pass
				10	7.20	-0.993	-0.0012	-2.5 to 2.5	Pass
				30	7.20	-0.738	-0.0009	-2.5 to 2.5	Pass
				40	7.20	-1.032	-0.0012	-2.5 to 2.5	Pass
				50	7.20	-0.805	-0.0010	-2.5 to 2.5	Pass
	836.5	25	0	20	6.12	-0.555	-0.0007	-2.5 to 2.5	Pass
					7.20	-0.882	-0.0011	-2.5 to 2.5	Pass
					8.28	-0.315	-0.0004	-2.5 to 2.5	Pass
				-30	7.20	-2.071	-0.0025	-2.5 to 2.5	Pass
				-20	7.20	-1.324	-0.0016	-2.5 to 2.5	Pass
				-10	7.20	-0.251	-0.0003	-2.5 to 2.5	Pass
				0	7.20	-0.079	-0.0001	-2.5 to 2.5	Pass
				10	7.20	-1.079	-0.0013	-2.5 to 2.5	Pass
				30	7.20	-0.636	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-0.335	-0.0004	-2.5 to 2.5	Pass
				50	7.20	-0.800	-0.0010	-2.5 to 2.5	Pass
	846.5	25	0	20	6.12	0.670	0.0008	-2.5 to 2.5	Pass
					7.20	-0.880	-0.0010	-2.5 to 2.5	Pass
					8.28	-0.402	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	0.302	0.0004	-2.5 to 2.5	Pass
				-20	7.20	-0.328	-0.0004	-2.5 to 2.5	Pass
				-10	7.20	-0.452	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-0.922	-0.0011	-2.5 to 2.5	Pass
				10	7.20	0.207	0.0002	-2.5 to 2.5	Pass
				30	7.20	0.362	0.0004	-2.5 to 2.5	Pass
				40	7.20	0.520	0.0006	-2.5 to 2.5	Pass
				50	7.20	-1.028	-0.0012	-2.5 to 2.5	Pass
64QAM	826.5	25	0	20	6.12	-1.244	-0.0015	-2.5 to 2.5	Pass
					7.20	-1.827	-0.0022	-2.5 to 2.5	Pass
					8.28	-2.452	-0.0030	-2.5 to 2.5	Pass
				-30	7.20	-1.620	-0.0020	-2.5 to 2.5	Pass
				-20	7.20	-1.679	-0.0020	-2.5 to 2.5	Pass
				-10	7.20	-1.818	-0.0022	-2.5 to 2.5	Pass
				0	7.20	-1.405	-0.0017	-2.5 to 2.5	Pass
				10	7.20	-2.136	-0.0026	-2.5 to 2.5	Pass
				30	7.20	-1.445	-0.0017	-2.5 to 2.5	Pass
				40	7.20	-0.875	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-0.328	-0.0004	-2.5 to 2.5	Pass
	836.5	25	0	20	6.12	0.814	0.0010	-2.5 to 2.5	Pass
					7.20	-1.031	-0.0012	-2.5 to 2.5	Pass
					8.28	-0.872	-0.0010	-2.5 to 2.5	Pass
				-30	7.20	-1.185	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	0.266	0.0003	-2.5 to 2.5	Pass
				-10	7.20	-0.019	0.0000	-2.5 to 2.5	Pass
				0	7.20	0.238	0.0003	-2.5 to 2.5	Pass
				10	7.20	-0.591	-0.0007	-2.5 to 2.5	Pass
				30	7.20	-0.872	-0.0010	-2.5 to 2.5	Pass

				40	7.20	-0.915	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-1.724	-0.0021	-2.5 to 2.5	Pass
	846.5	25	0	20	6.12	-0.681	-0.0008	-2.5 to 2.5	Pass
					7.20	-1.312	-0.0015	-2.5 to 2.5	Pass
					8.28	-0.676	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-0.397	-0.0005	-2.5 to 2.5	Pass
				-20	7.20	0.509	0.0006	-2.5 to 2.5	Pass
				-10	7.20	-0.101	-0.0001	-2.5 to 2.5	Pass
				0	7.20	0.069	0.0001	-2.5 to 2.5	Pass
				10	7.20	-0.976	-0.0012	-2.5 to 2.5	Pass
				30	7.20	0.604	0.0007	-2.5 to 2.5	Pass
				40	7.20	-0.491	-0.0006	-2.5 to 2.5	Pass
				50	7.20	-0.148	-0.0002	-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	6.12	0.028	0.0000	-2.5 to 2.5	Pass
					7.20	-1.368	-0.0017	-2.5 to 2.5	Pass
					8.28	0.015	0.0000	-2.5 to 2.5	Pass
				-30	7.20	-0.426	-0.0005	-2.5 to 2.5	Pass
				-20	7.20	0.065	0.0001	-2.5 to 2.5	Pass
				-10	7.20	-0.377	-0.0005	-2.5 to 2.5	Pass
				0	7.20	0.293	0.0004	-2.5 to 2.5	Pass
				10	7.20	-1.258	-0.0015	-2.5 to 2.5	Pass
				30	7.20	-0.679	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-0.500	-0.0006	-2.5 to 2.5	Pass
				50	7.20	-0.077	-0.0001	-2.5 to 2.5	Pass
	836.5	50	0	20	6.12	-0.388	-0.0005	-2.5 to 2.5	Pass
					7.20	0.435	0.0005	-2.5 to 2.5	Pass
					8.28	-0.599	-0.0007	-2.5 to 2.5	Pass
				-30	7.20	0.532	0.0006	-2.5 to 2.5	Pass
				-20	7.20	-0.441	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	-1.352	-0.0016	-2.5 to 2.5	Pass
				0	7.20	-0.284	-0.0003	-2.5 to 2.5	Pass
				10	7.20	-1.096	-0.0013	-2.5 to 2.5	Pass
				30	7.20	-1.397	-0.0017	-2.5 to 2.5	Pass
				40	7.20	0.257	0.0003	-2.5 to 2.5	Pass
				50	7.20	-1.116	-0.0013	-2.5 to 2.5	Pass
	844	50	0	20	6.12	-0.686	-0.0008	-2.5 to 2.5	Pass
					7.20	-1.184	-0.0014	-2.5 to 2.5	Pass
					8.28	0.027	0.0000	-2.5 to 2.5	Pass
				-30	7.20	0.222	0.0003	-2.5 to 2.5	Pass
				-20	7.20	-1.099	-0.0013	-2.5 to 2.5	Pass
				-10	7.20	-1.237	-0.0015	-2.5 to 2.5	Pass
				0	7.20	-0.884	-0.0010	-2.5 to 2.5	Pass
				10	7.20	-0.151	-0.0002	-2.5 to 2.5	Pass
				30	7.20	0.059	0.0001	-2.5 to 2.5	Pass
				40	7.20	-1.291	-0.0015	-2.5 to 2.5	Pass
				50	7.20	-1.679	-0.0020	-2.5 to 2.5	Pass

16QAM	829	50	0	20	6.12	-0.616	-0.0007	-2.5 to 2.5	Pass
					7.20	0.475	0.0006	-2.5 to 2.5	Pass
					8.28	0.523	0.0006	-2.5 to 2.5	Pass
				-30	7.20	0.824	0.0010	-2.5 to 2.5	Pass
				-20	7.20	0.292	0.0004	-2.5 to 2.5	Pass
				-10	7.20	-1.379	-0.0017	-2.5 to 2.5	Pass
				0	7.20	-0.594	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-0.420	-0.0005	-2.5 to 2.5	Pass
				30	7.20	-1.061	-0.0013	-2.5 to 2.5	Pass
				40	7.20	-0.401	-0.0005	-2.5 to 2.5	Pass
				50	7.20	-0.741	-0.0009	-2.5 to 2.5	Pass
	836.5	50	0	20	6.12	-1.363	-0.0016	-2.5 to 2.5	Pass
					7.20	-1.193	-0.0014	-2.5 to 2.5	Pass
					8.28	-1.137	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-0.661	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	-0.868	-0.0010	-2.5 to 2.5	Pass
				-10	7.20	-0.790	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-1.631	-0.0019	-2.5 to 2.5	Pass
				10	7.20	-0.663	-0.0008	-2.5 to 2.5	Pass
				30	7.20	-0.674	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-1.046	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-1.892	-0.0023	-2.5 to 2.5	Pass
	844	50	0	20	6.12	-0.426	-0.0005	-2.5 to 2.5	Pass
					7.20	-0.754	-0.0009	-2.5 to 2.5	Pass
					8.28	-1.448	-0.0017	-2.5 to 2.5	Pass
				-30	7.20	-0.210	-0.0002	-2.5 to 2.5	Pass
				-20	7.20	-0.801	-0.0009	-2.5 to 2.5	Pass
				-10	7.20	-1.005	-0.0012	-2.5 to 2.5	Pass
				0	7.20	-0.810	-0.0010	-2.5 to 2.5	Pass
				10	7.20	-1.474	-0.0017	-2.5 to 2.5	Pass
				30	7.20	-1.300	-0.0015	-2.5 to 2.5	Pass
				40	7.20	-0.009	0.0000	-2.5 to 2.5	Pass
				50	7.20	-1.767	-0.0021	-2.5 to 2.5	Pass
64QAM	829	50	0	20	6.12	-0.721	-0.0009	-2.5 to 2.5	Pass
					7.20	-0.685	-0.0008	-2.5 to 2.5	Pass
					8.28	-1.228	-0.0015	-2.5 to 2.5	Pass
				-30	7.20	-0.204	-0.0002	-2.5 to 2.5	Pass
				-20	7.20	-0.906	-0.0011	-2.5 to 2.5	Pass
				-10	7.20	-1.250	-0.0015	-2.5 to 2.5	Pass
				0	7.20	-0.451	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-0.301	-0.0004	-2.5 to 2.5	Pass
				30	7.20	0.352	0.0004	-2.5 to 2.5	Pass
				40	7.20	-1.110	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-0.495	-0.0006	-2.5 to 2.5	Pass
	836.5	50	0	20	6.12	0.398	0.0005	-2.5 to 2.5	Pass
					7.20	-0.391	-0.0005	-2.5 to 2.5	Pass
					8.28	0.344	0.0004	-2.5 to 2.5	Pass
				-30	7.20	-0.367	-0.0004	-2.5 to 2.5	Pass
				-20	7.20	-0.302	-0.0004	-2.5 to 2.5	Pass
				-10	7.20	-1.153	-0.0014	-2.5 to 2.5	Pass
				0	7.20	-0.627	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-1.448	-0.0017	-2.5 to 2.5	Pass
				30	7.20	-0.163	-0.0002	-2.5 to 2.5	Pass
				40	7.20	-1.186	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-0.501	-0.0006	-2.5 to 2.5	Pass
	844	50	0	20	6.12	-1.112	-0.0013	-2.5 to 2.5	Pass

					7.20	-1.102	-0.0013	-2.5 to 2.5	Pass
					8.28	0.113	0.0001	-2.5 to 2.5	Pass
				-30	7.20	-1.134	-0.0013	-2.5 to 2.5	Pass
				-20	7.20	-0.441	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	-1.591	-0.0019	-2.5 to 2.5	Pass
				0	7.20	-0.451	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-0.614	-0.0007	-2.5 to 2.5	Pass
				30	7.20	0.156	0.0002	-2.5 to 2.5	Pass
				40	7.20	-1.116	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-0.075	-0.0001	-2.5 to 2.5	Pass

3. Modulation Characteristics

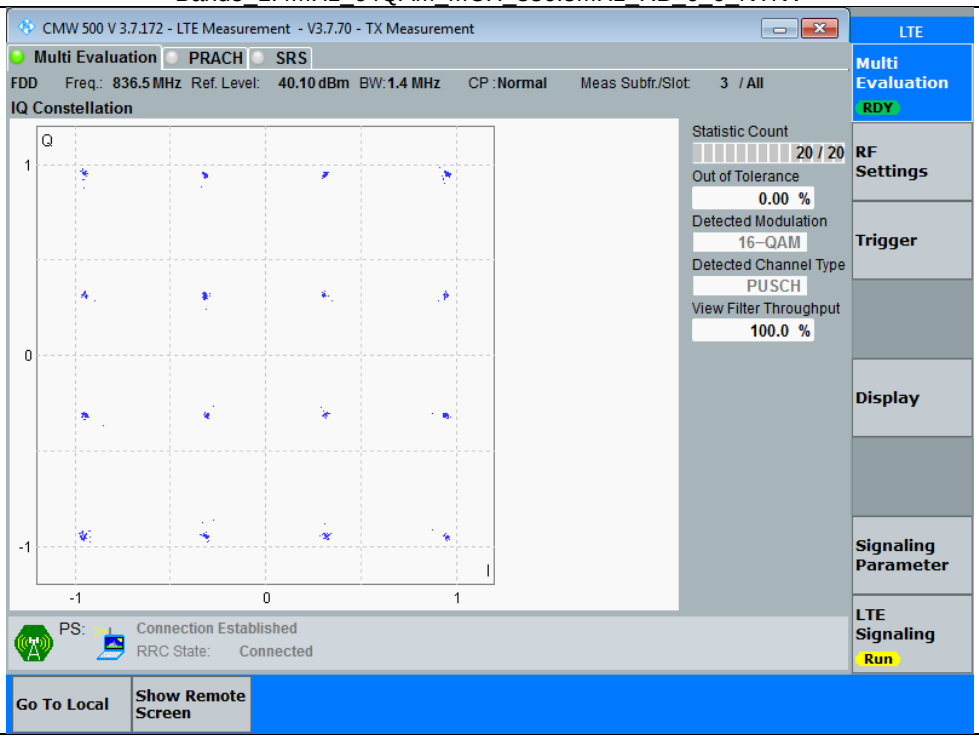
3.1 B5_1.4MHz

3.1.1 Test Result

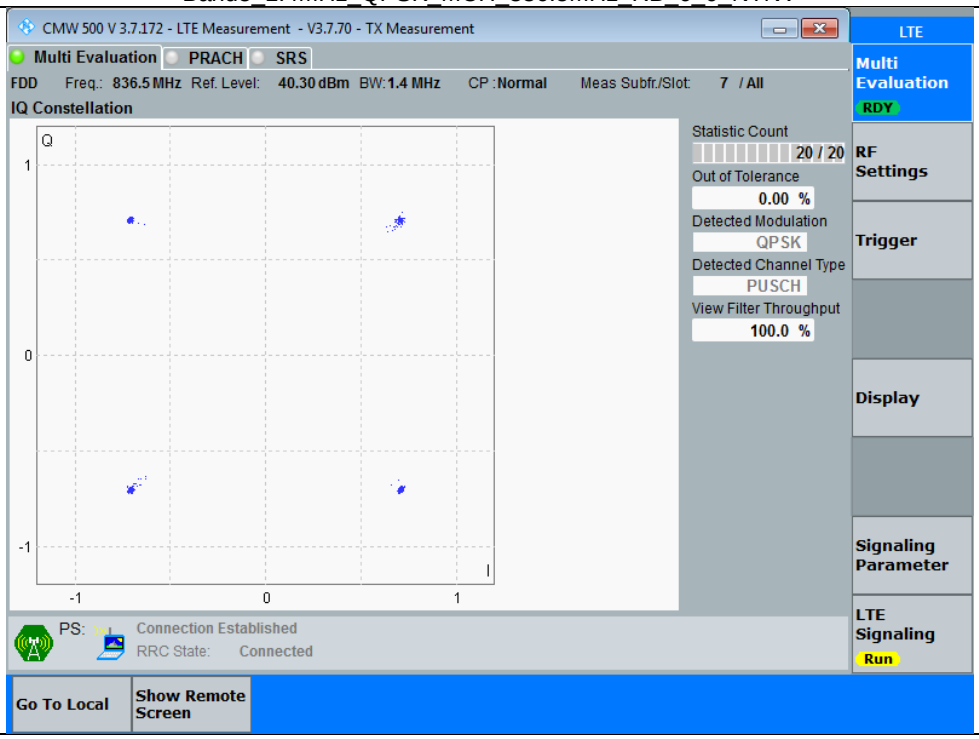
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
64QAM	836.5	6	0	Refer To Test Graph		Pass
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

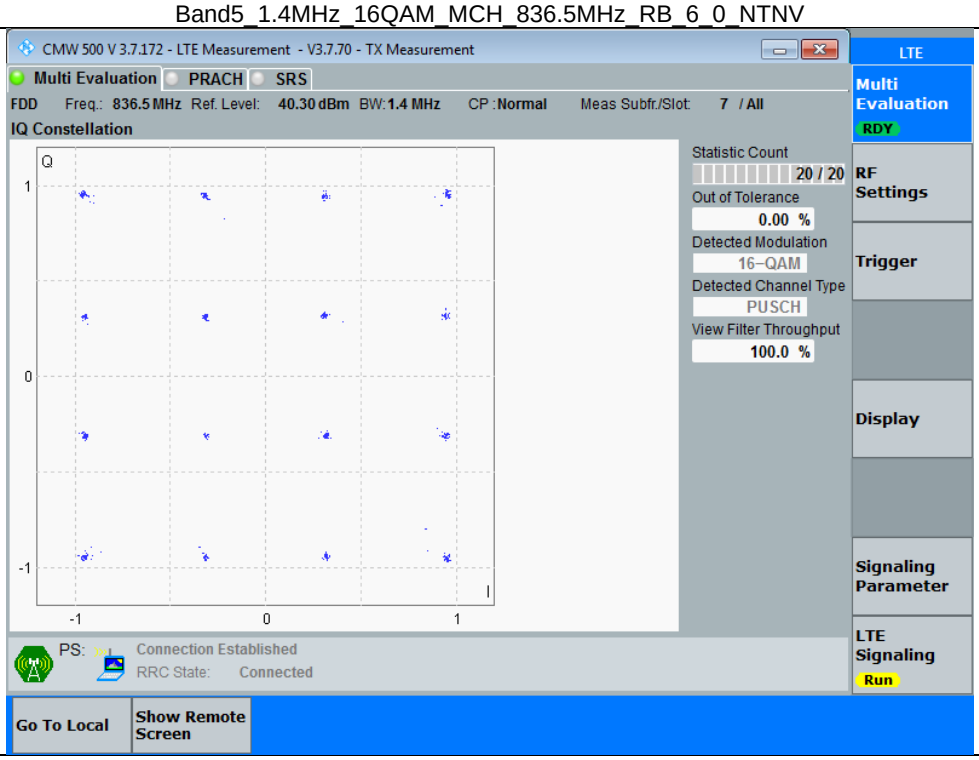
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



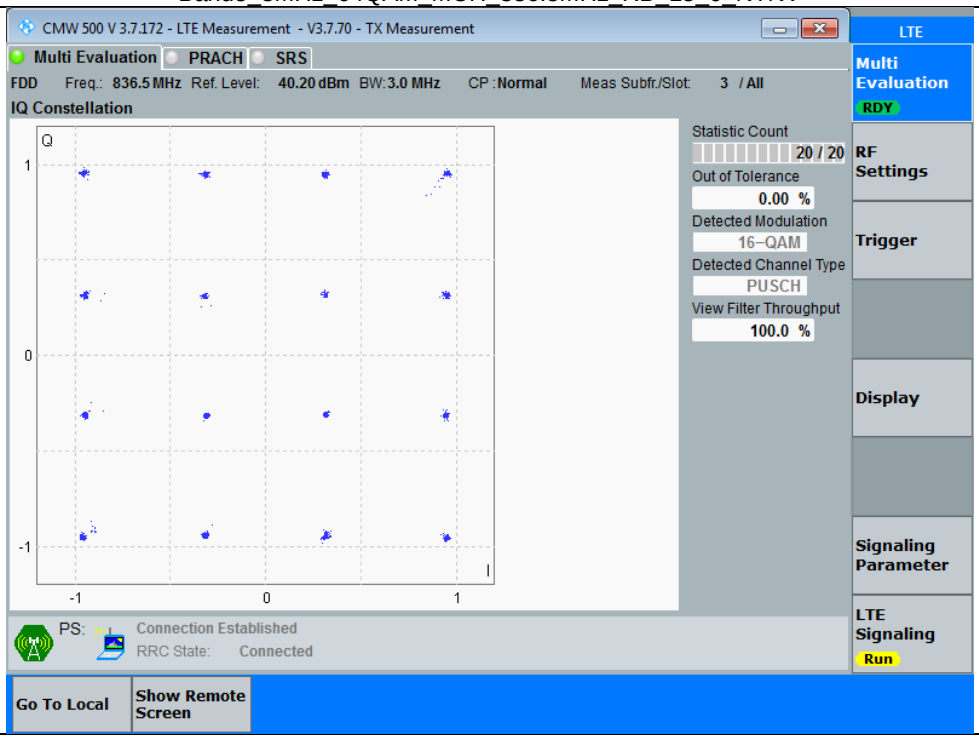
3.2 B5_3MHz

3.2.1 Test Result

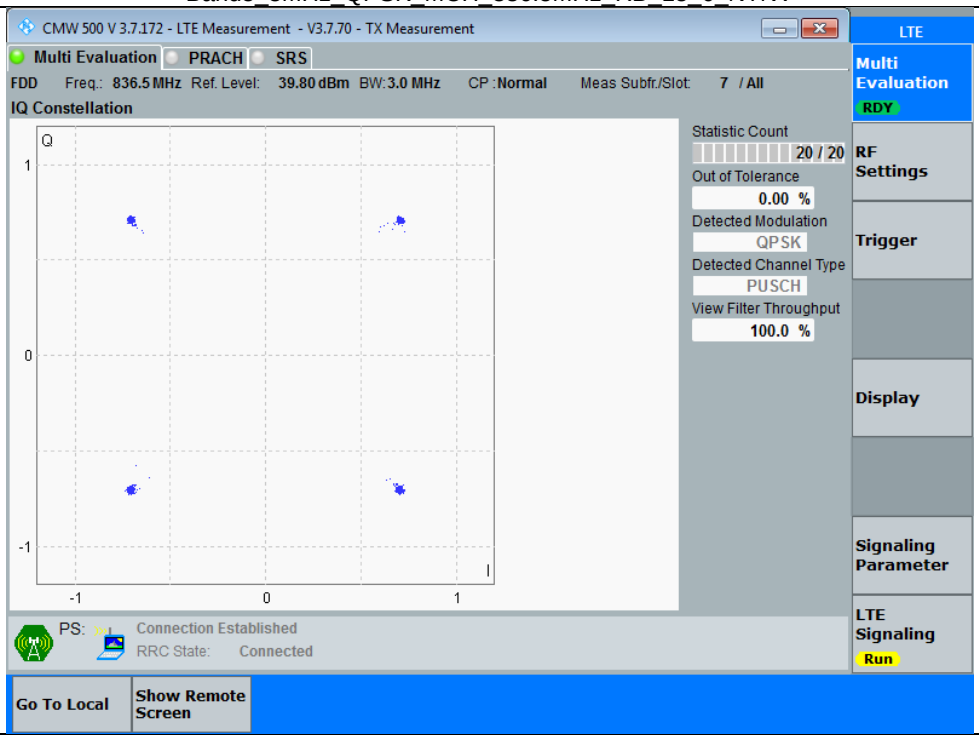
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
64QAM	836.5	15	0	Refer To Test Graph		Pass
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

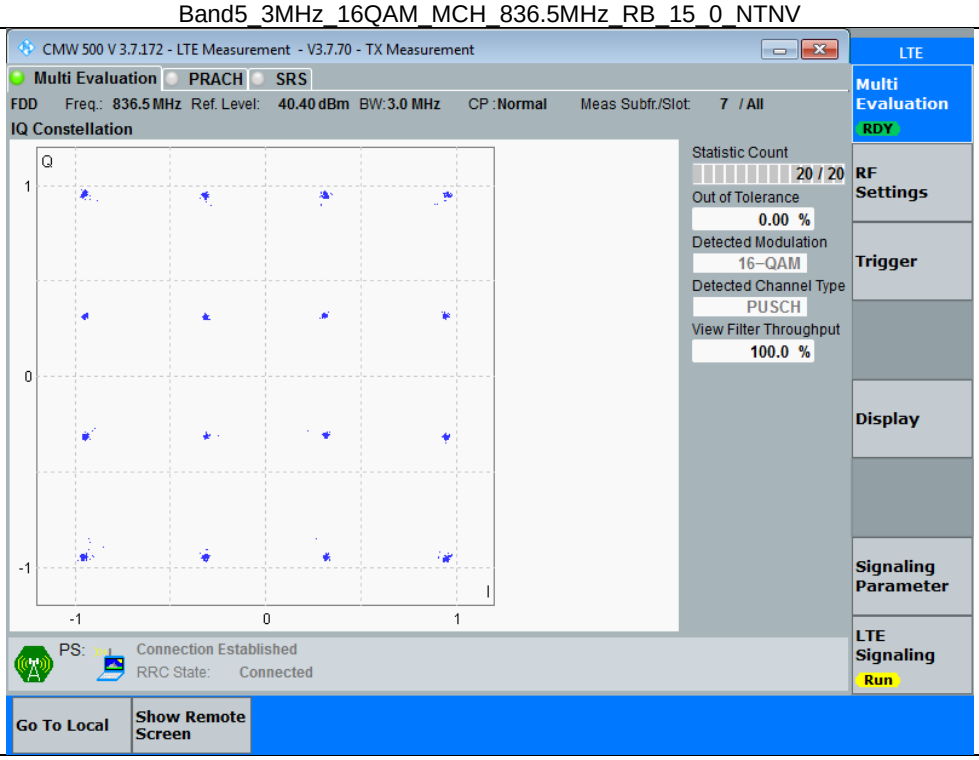
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



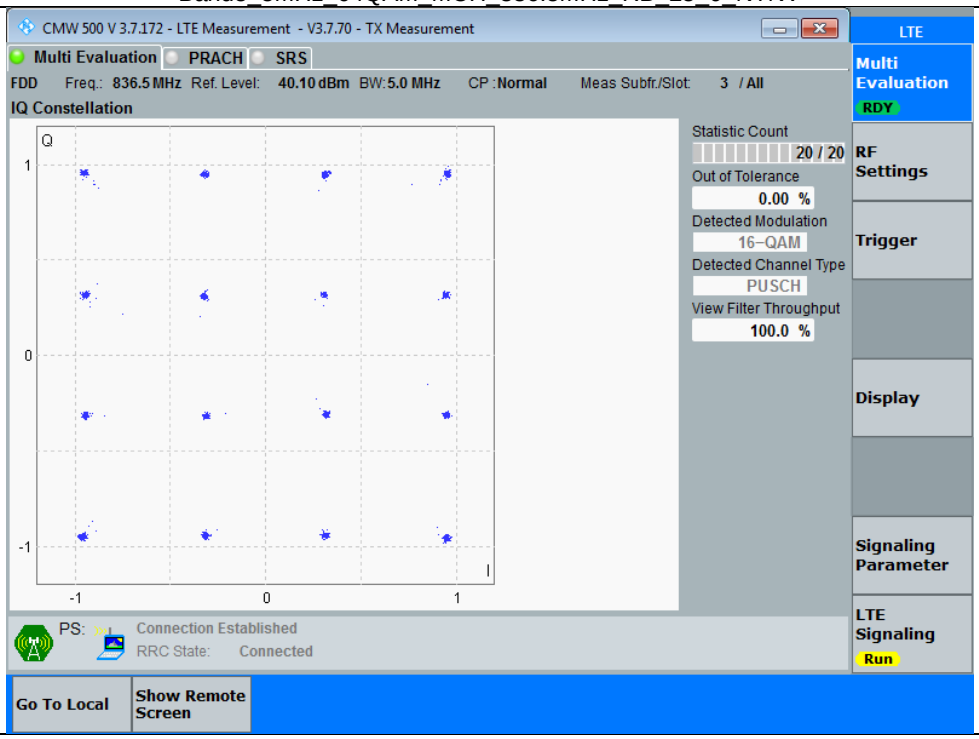
3.3 B5_5MHz

3.3.1 Test Result

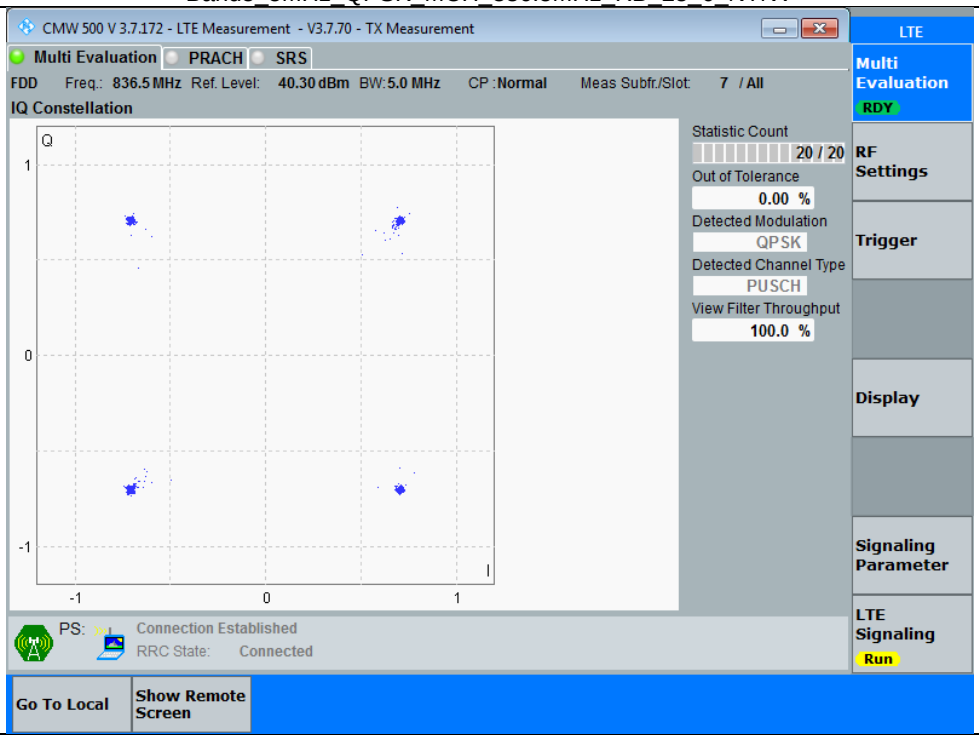
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
64QAM	836.5	25	0	Refer To Test Graph		Pass
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

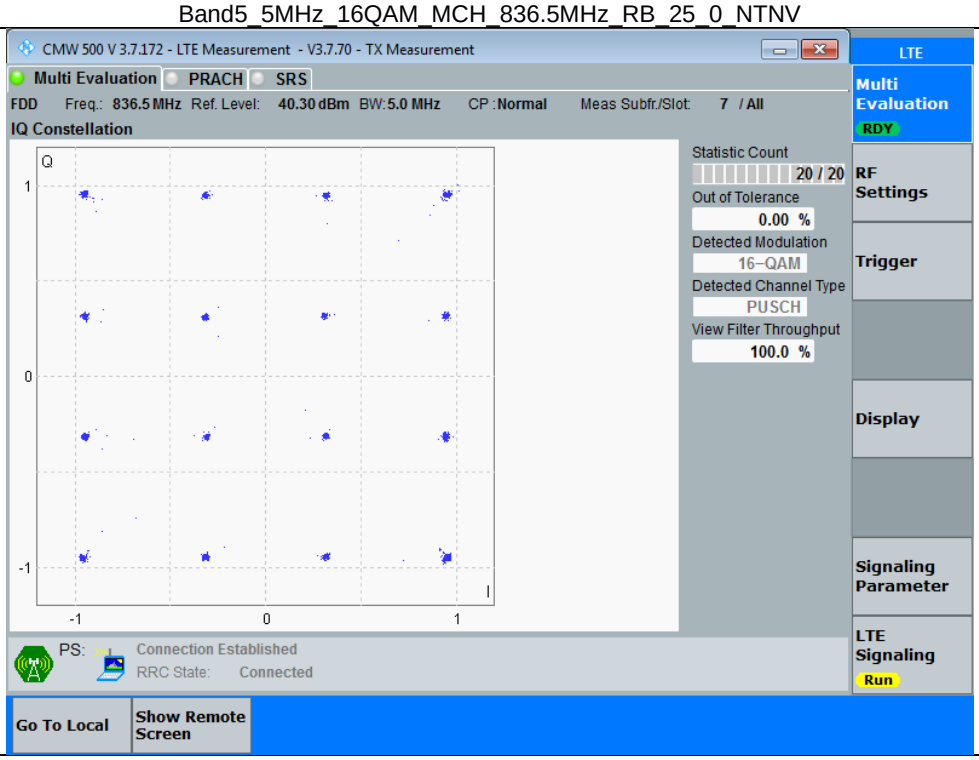
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



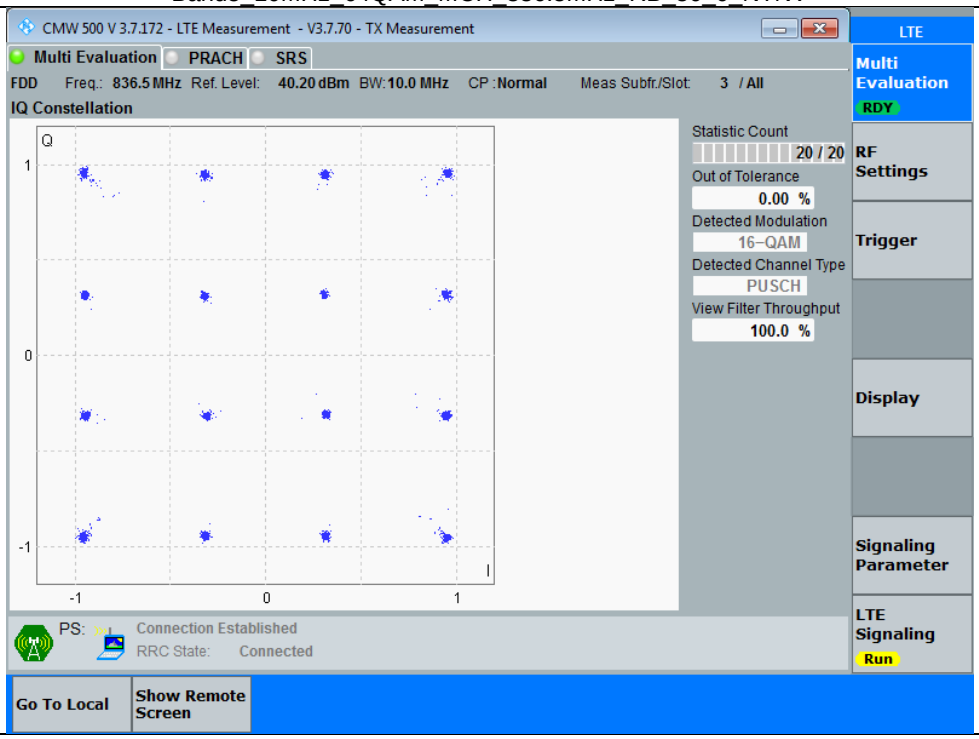
3.4 B5_10MHz

3.4.1 Test Result

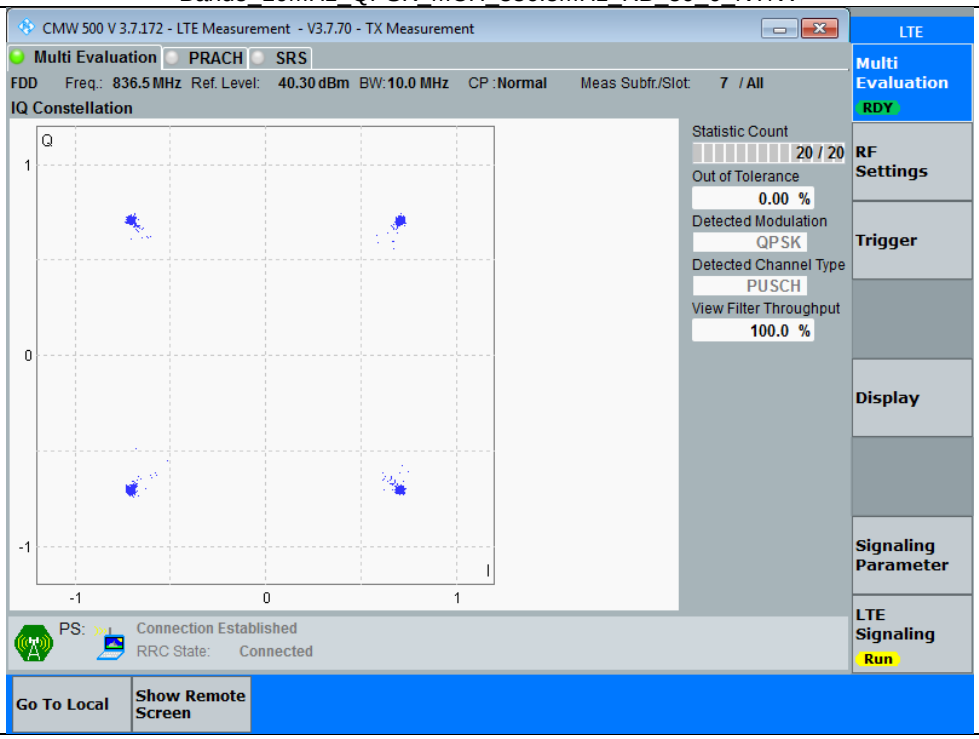
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
64QAM	836.5	50	0	Refer To Test Graph		Pass
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

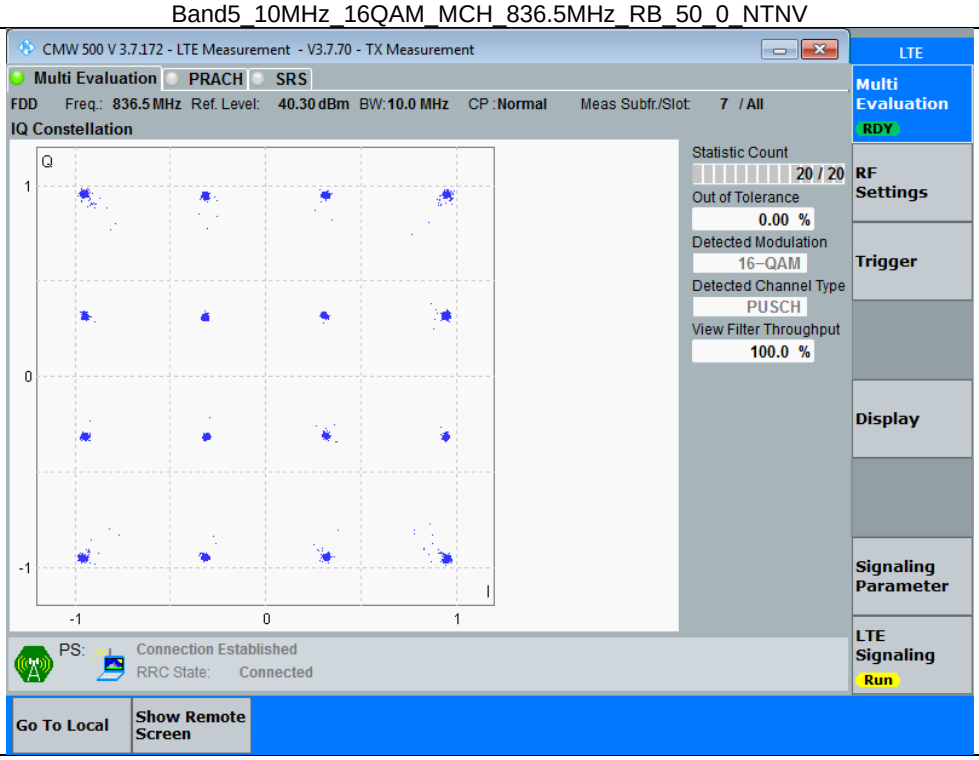
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

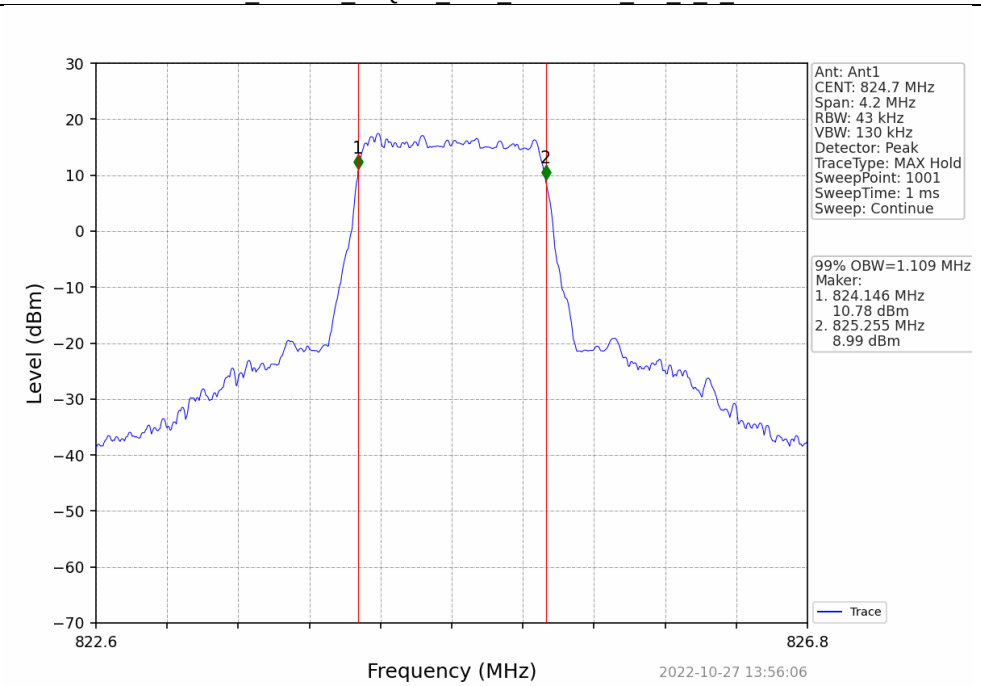
4.1 Band5_OBW

4.1.1 Test Result

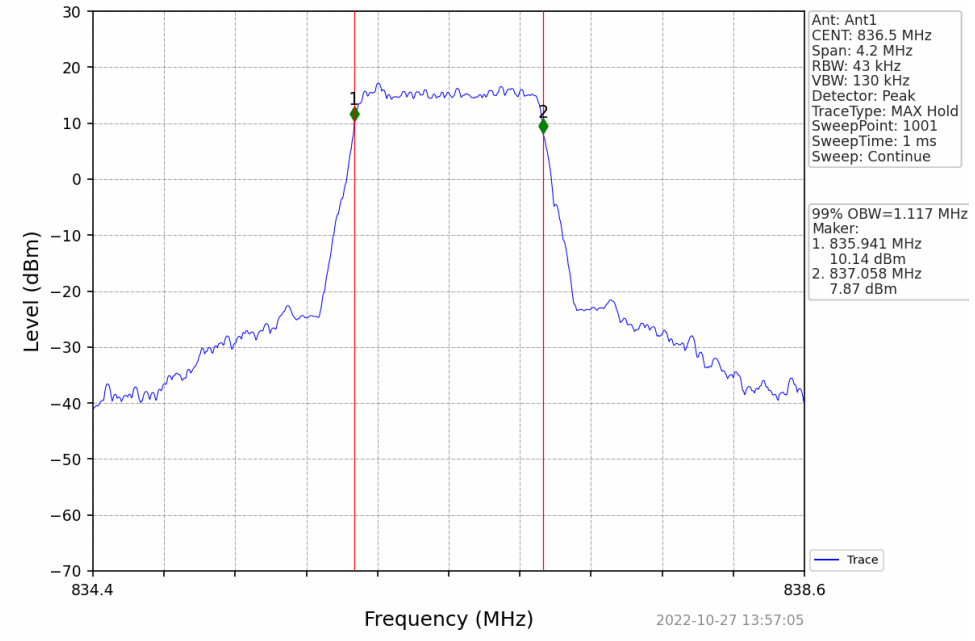
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	824.7	6	0	1.109	Pass
		836.5	6	0	1.117	Pass
		848.3	6	0	1.121	Pass
3	64QAM	825.5	15	0	2.727	Pass
		836.5	15	0	2.723	Pass
		847.5	15	0	2.727	Pass
5	64QAM	826.5	25	0	4.553	Pass
		836.5	25	0	4.540	Pass
		846.5	25	0	4.551	Pass
10	64QAM	829	50	0	9.009	Pass
		836.5	50	0	9.026	Pass
		844	50	0	9.016	Pass
1.4	QPSK	824.7	6	0	1.122	Pass
		836.5	6	0	1.106	Pass
		848.3	6	0	1.105	Pass
	16QAM	824.7	6	0	1.115	Pass
		836.5	6	0	1.117	Pass
		848.3	6	0	1.104	Pass
3	QPSK	825.5	15	0	2.737	Pass
		836.5	15	0	2.730	Pass
		847.5	15	0	2.737	Pass
	16QAM	825.5	15	0	2.732	Pass
		836.5	15	0	2.725	Pass
		847.5	15	0	2.718	Pass
5	QPSK	826.5	25	0	4.556	Pass
		836.5	25	0	4.534	Pass
		846.5	25	0	4.548	Pass
	16QAM	826.5	25	0	4.540	Pass
		836.5	25	0	4.563	Pass
		846.5	25	0	4.563	Pass
10	QPSK	829	50	0	9.034	Pass
		836.5	50	0	9.015	Pass
		844	50	0	9.020	Pass
	16QAM	829	50	0	9.036	Pass
		836.5	50	0	9.029	Pass
		844	50	0	9.021	Pass

4.1.2 Test Graph

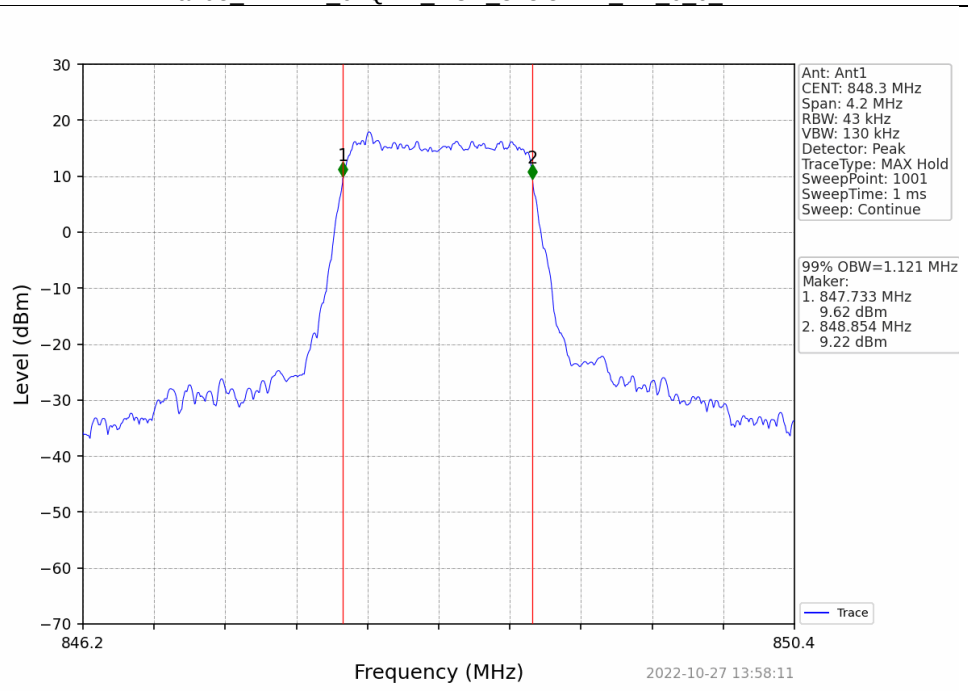
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



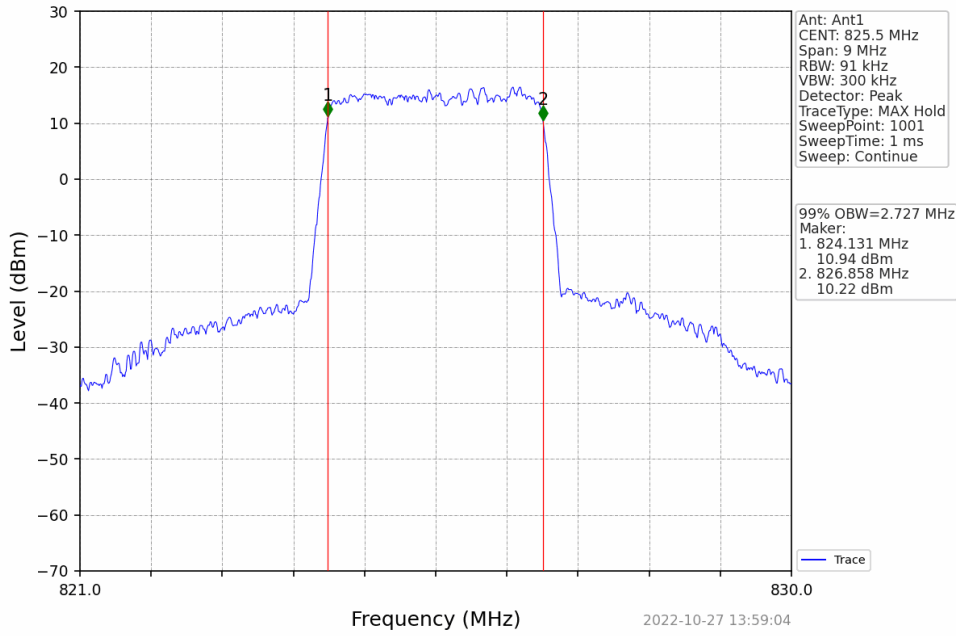
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



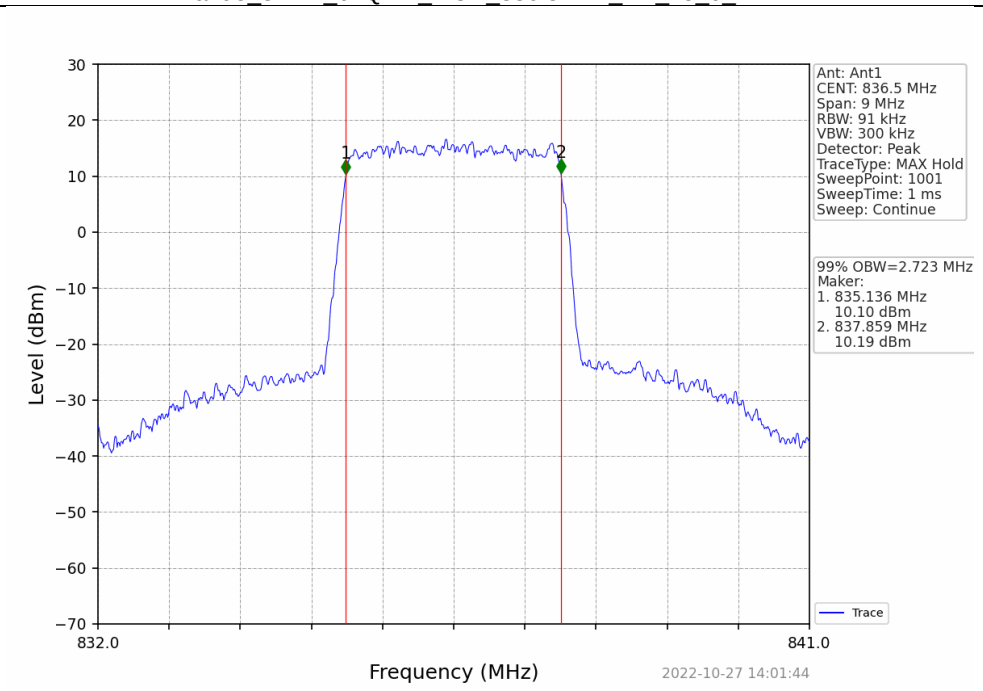
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



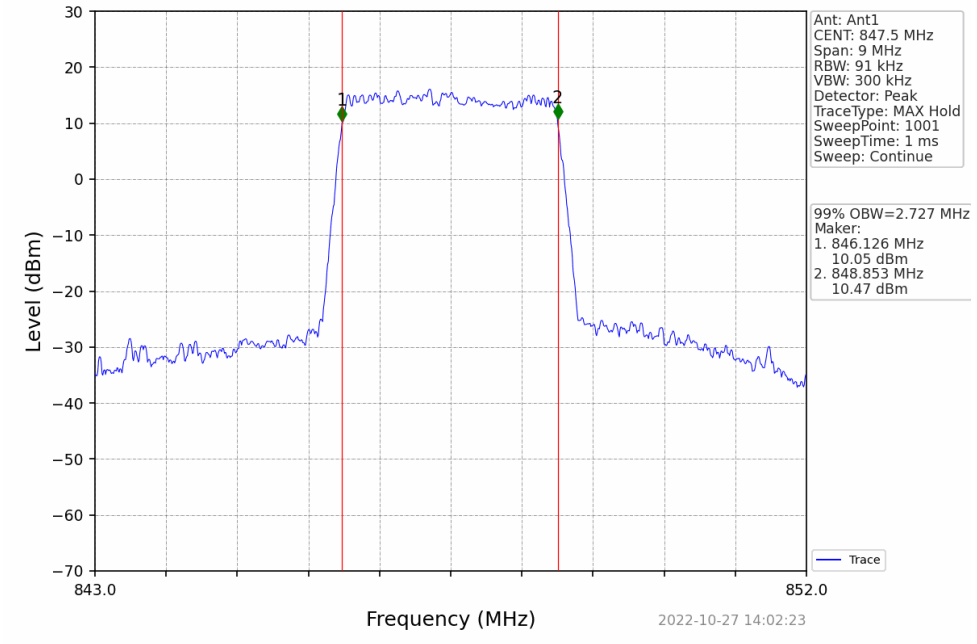
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



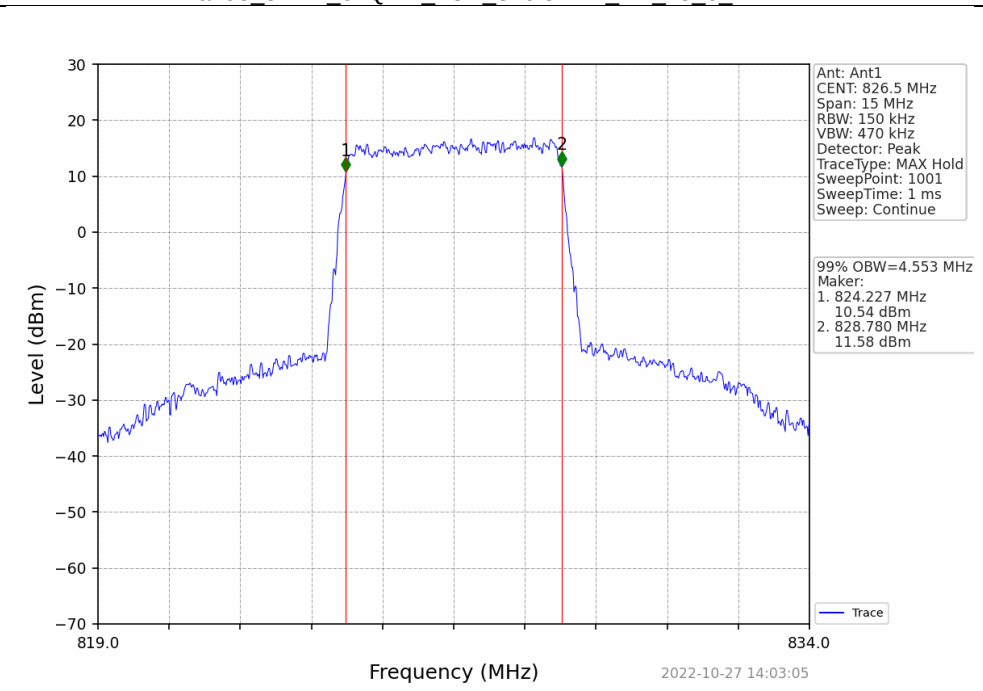
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



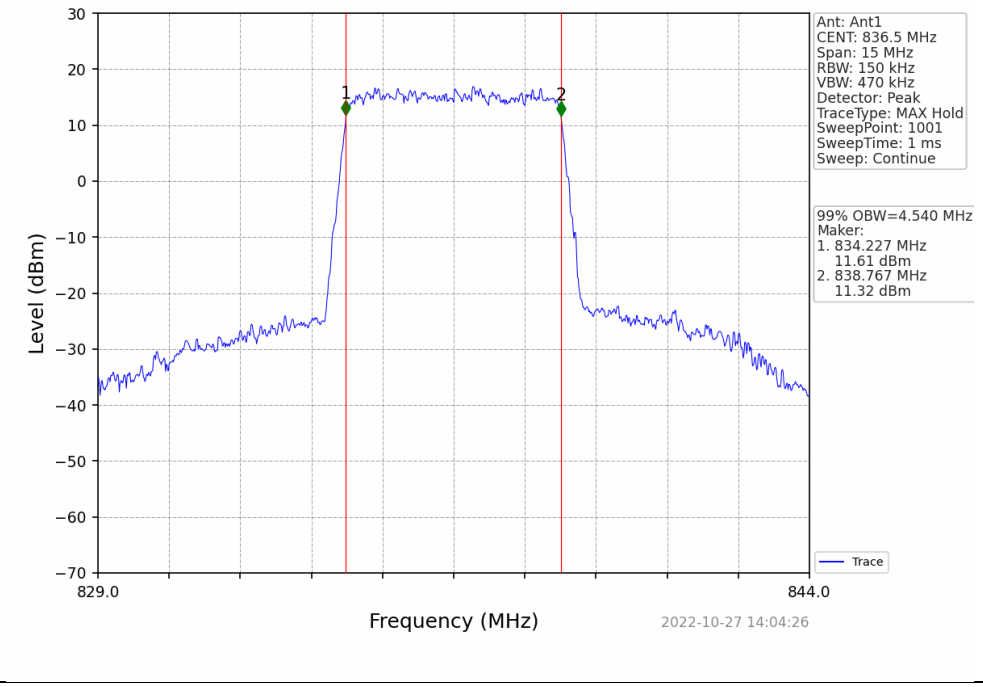
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



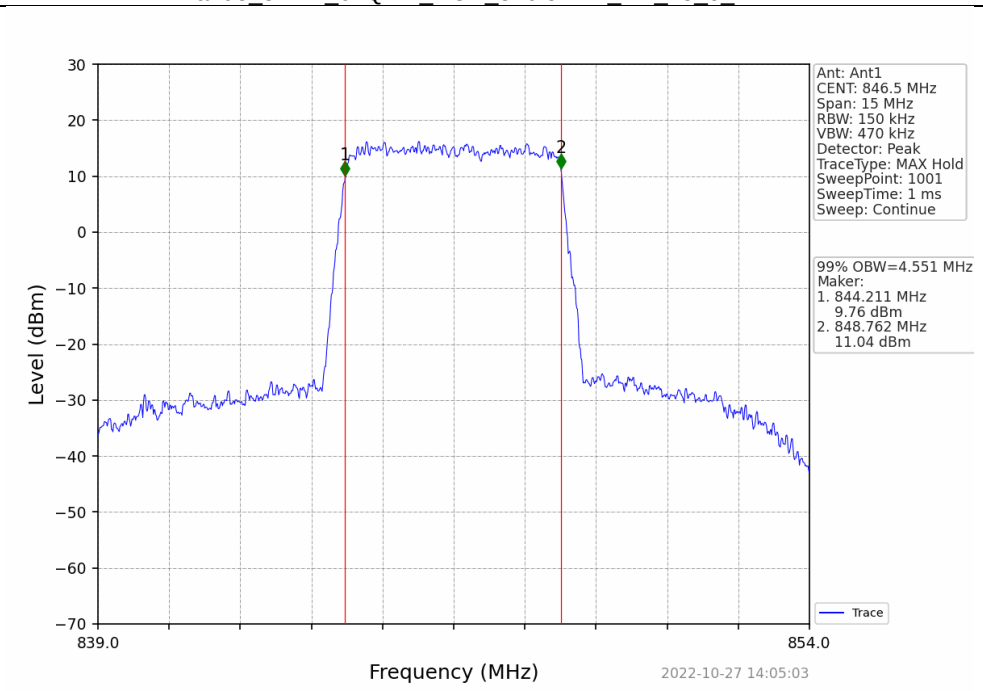
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



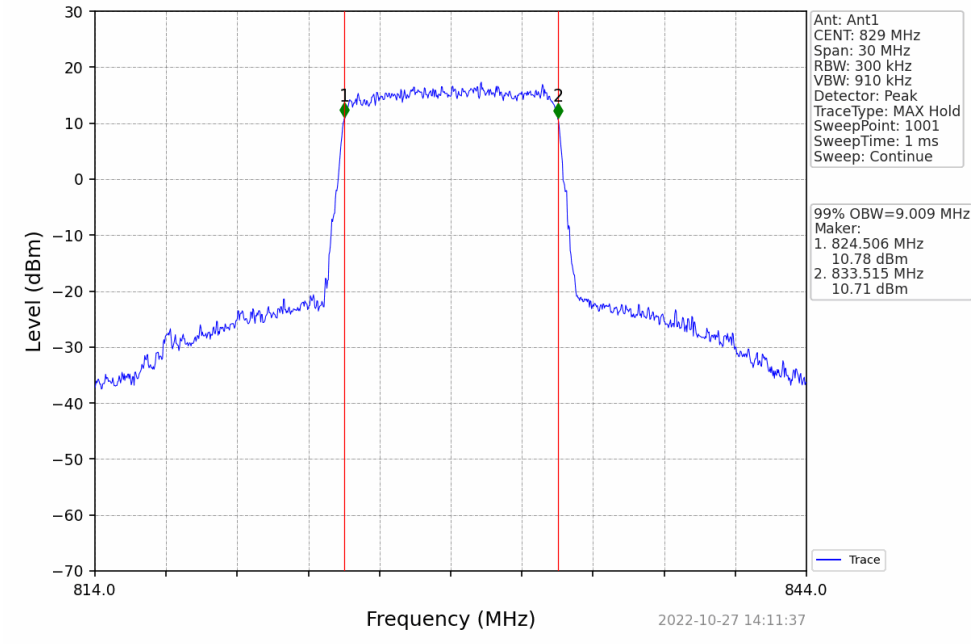
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



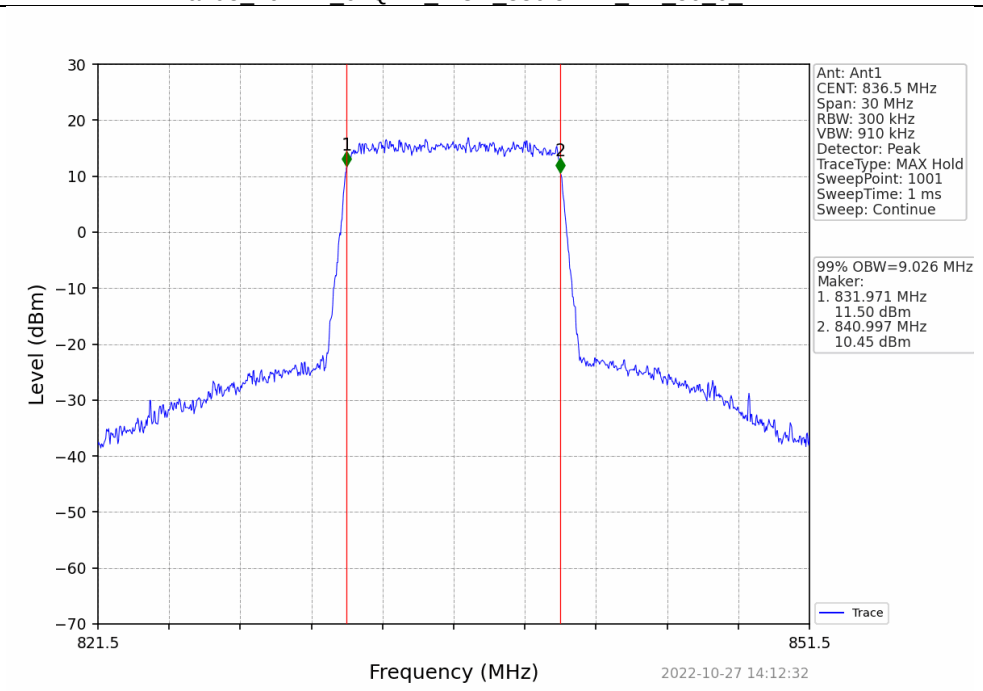
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



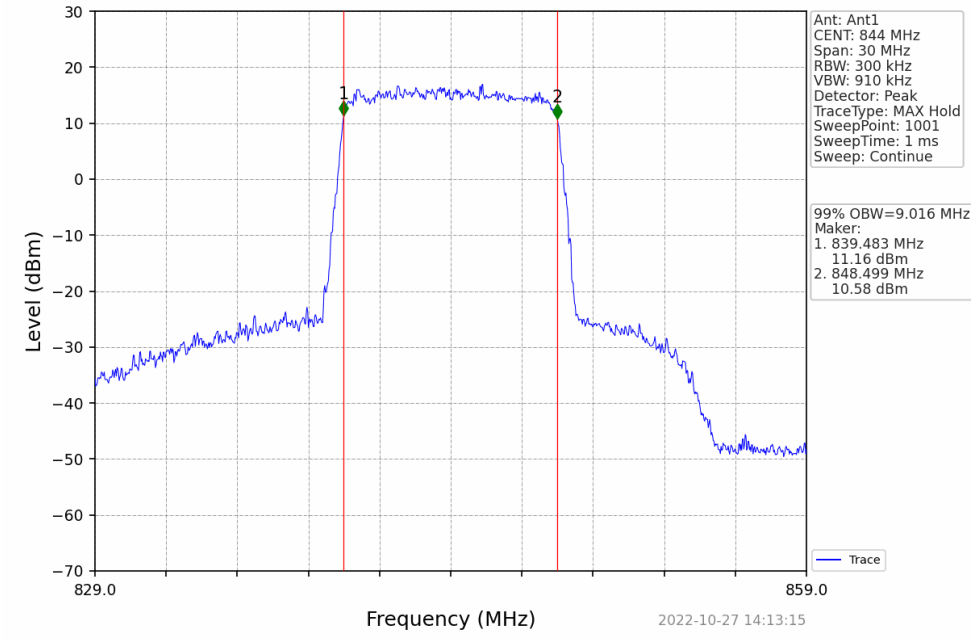
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



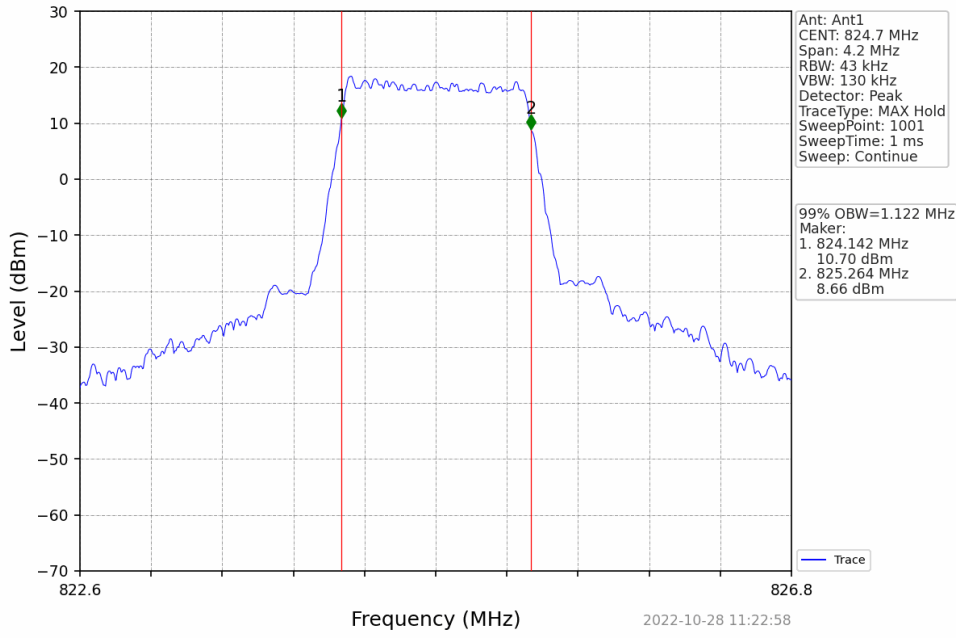
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



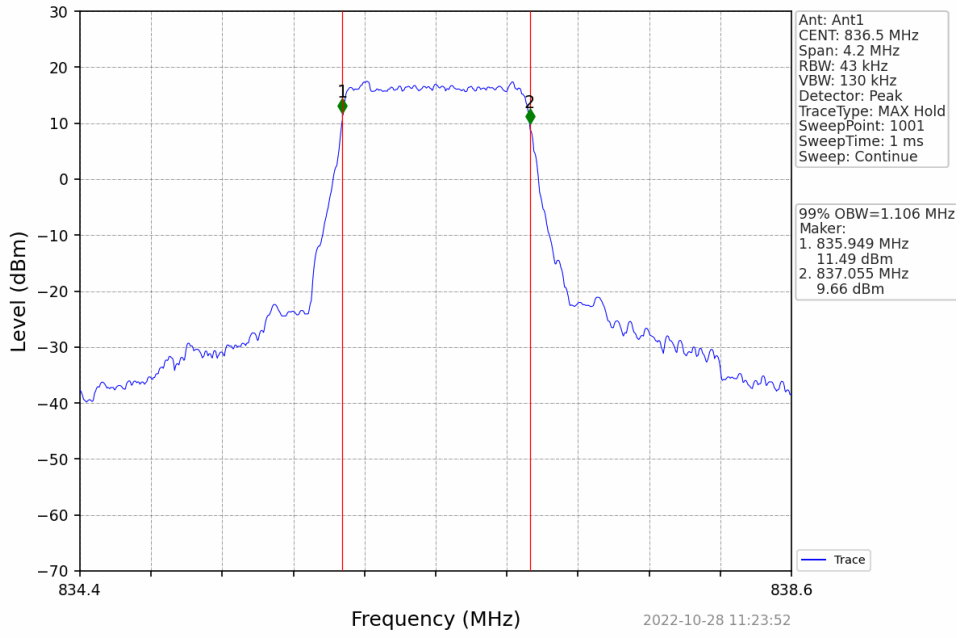
Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



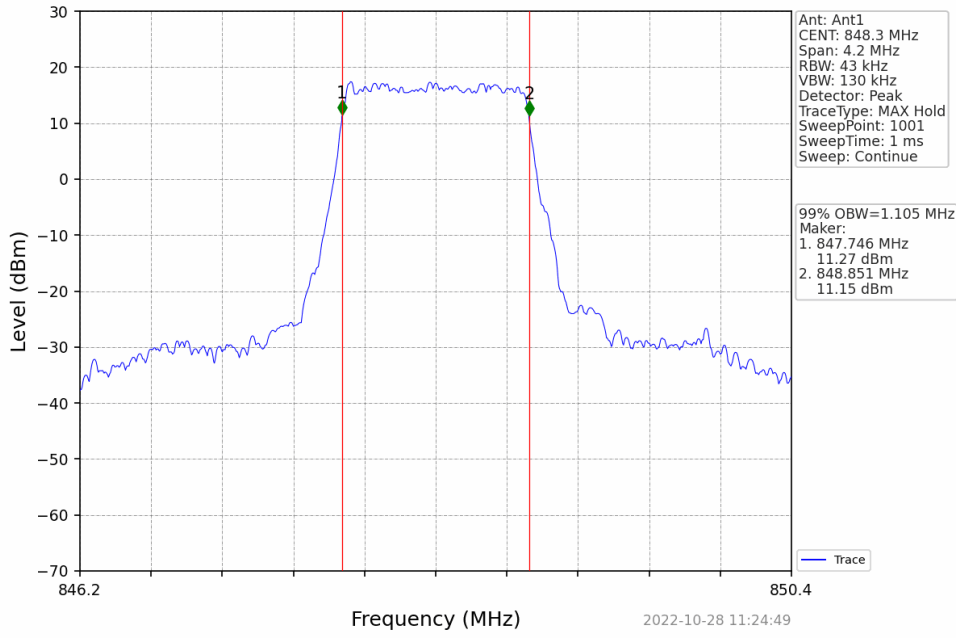
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



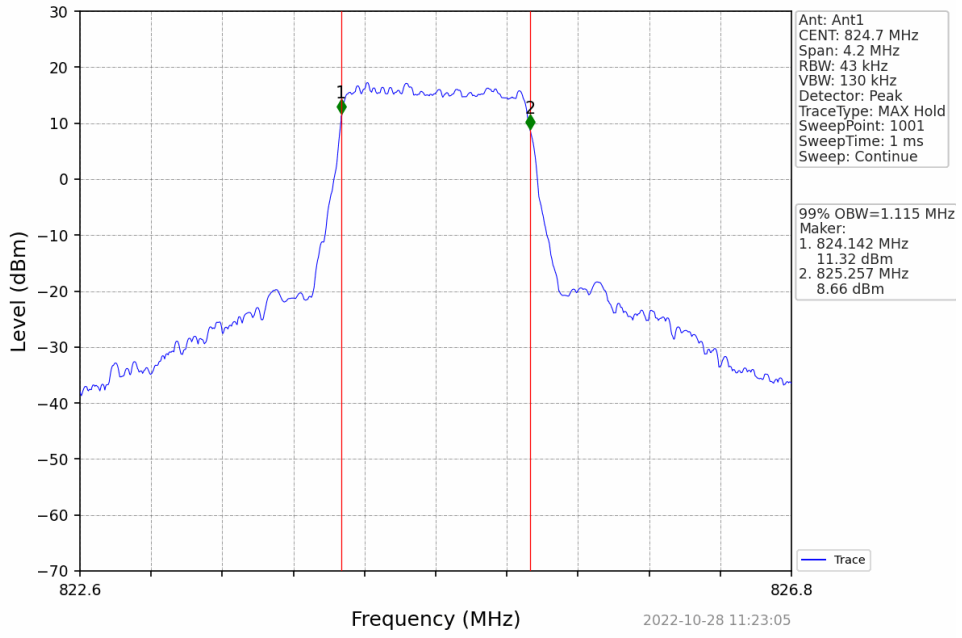
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



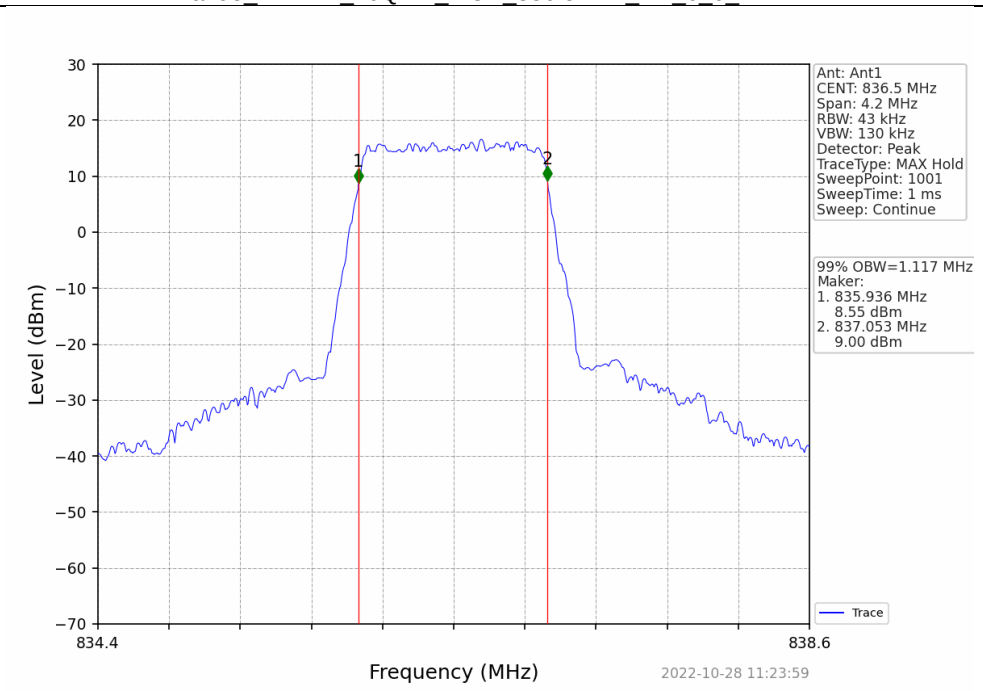
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



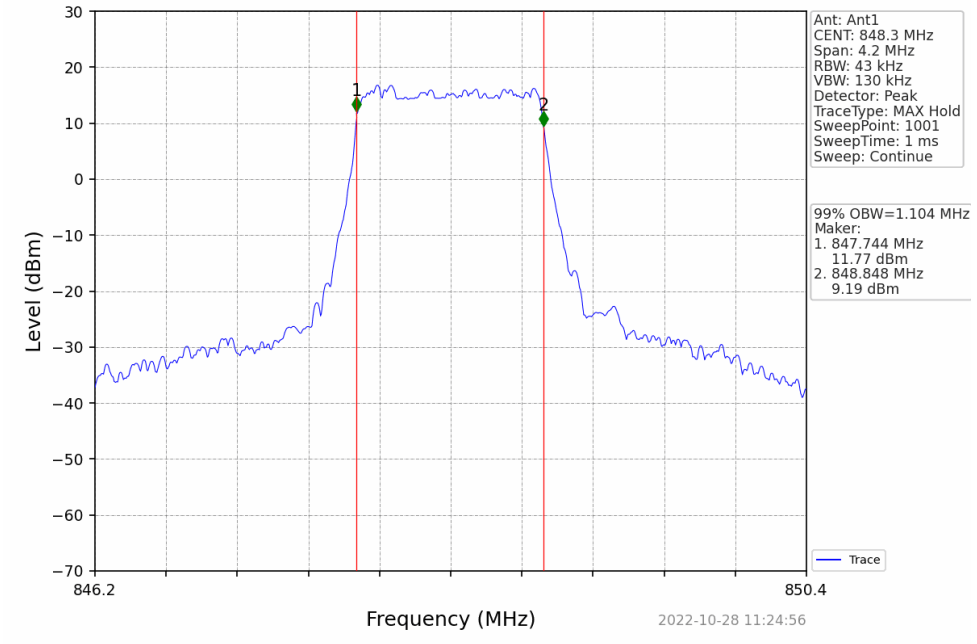
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



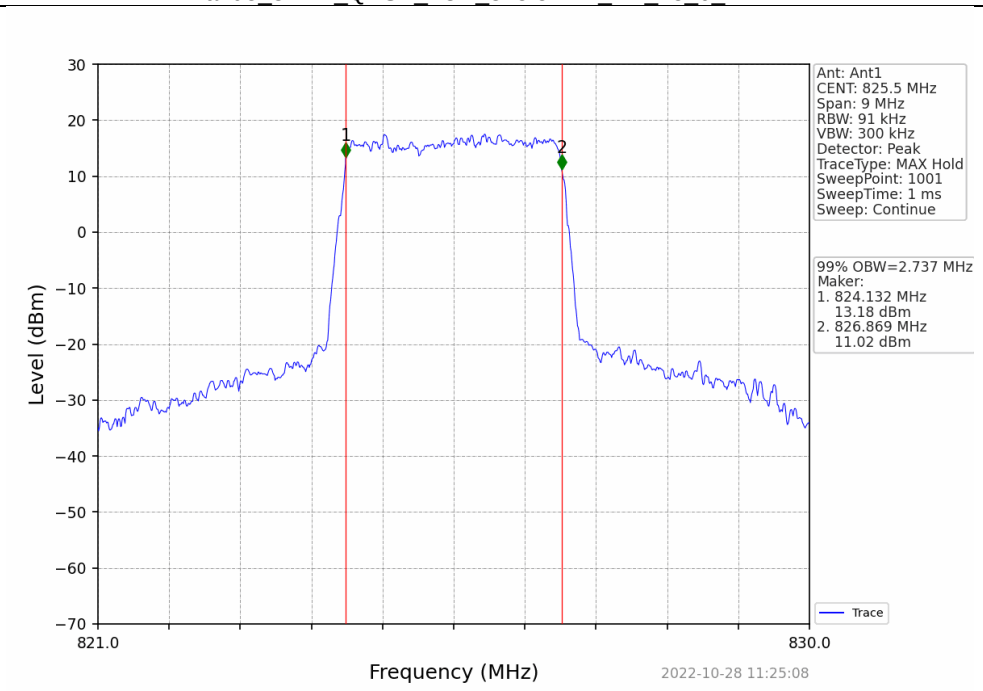
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



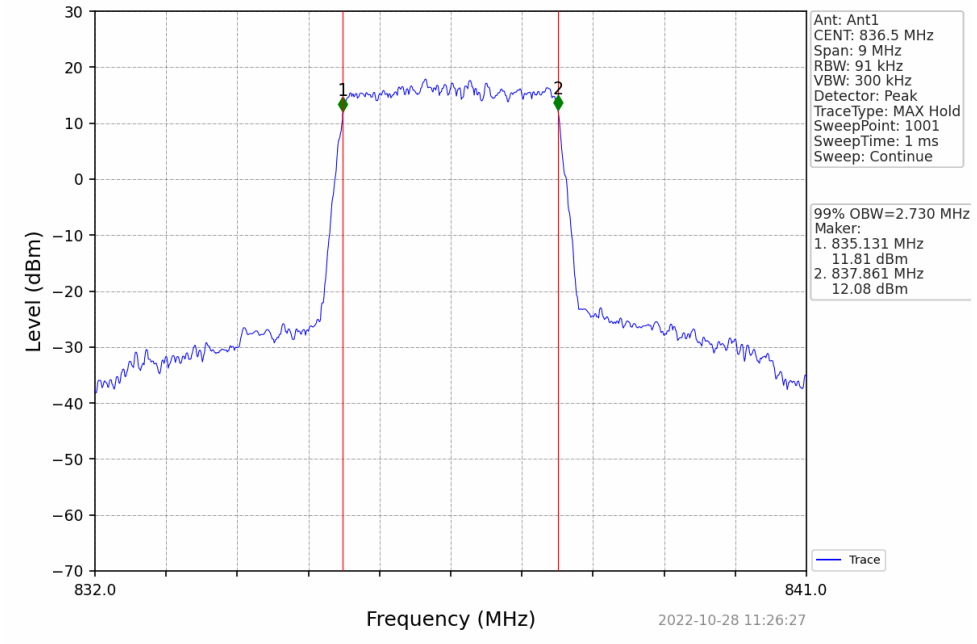
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



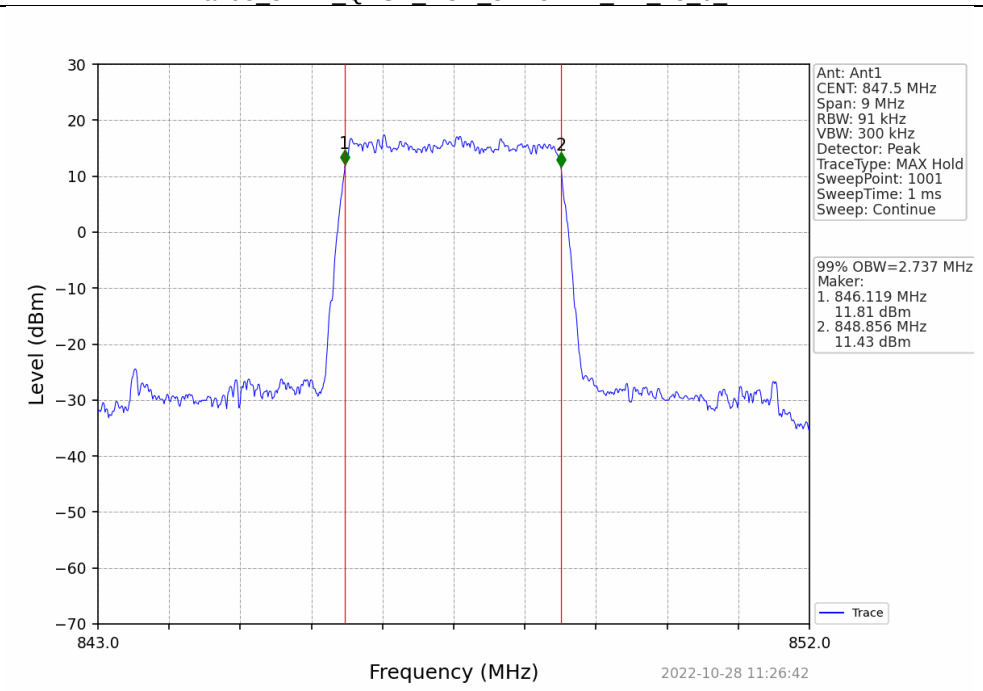
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



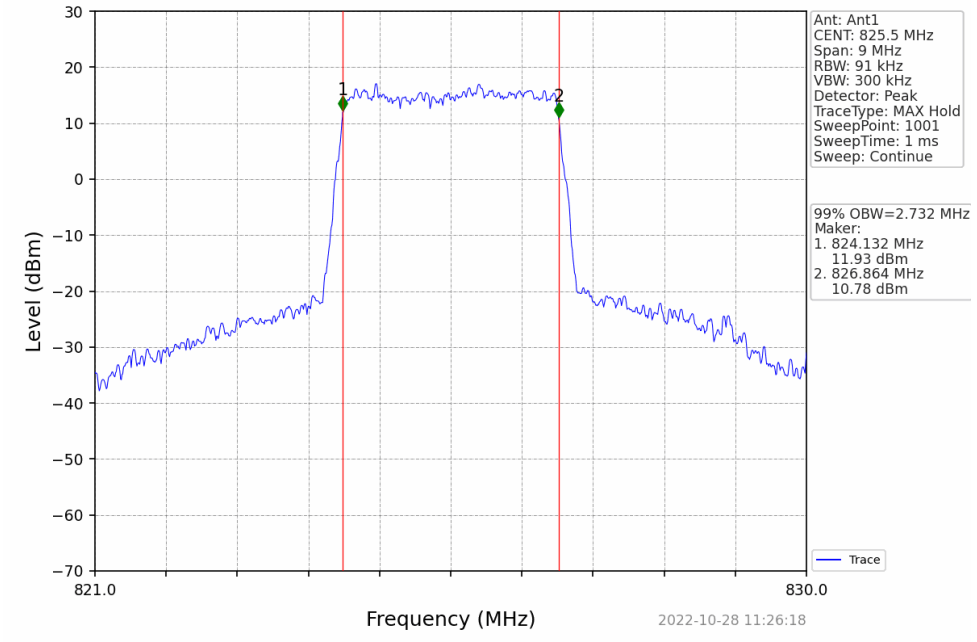
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



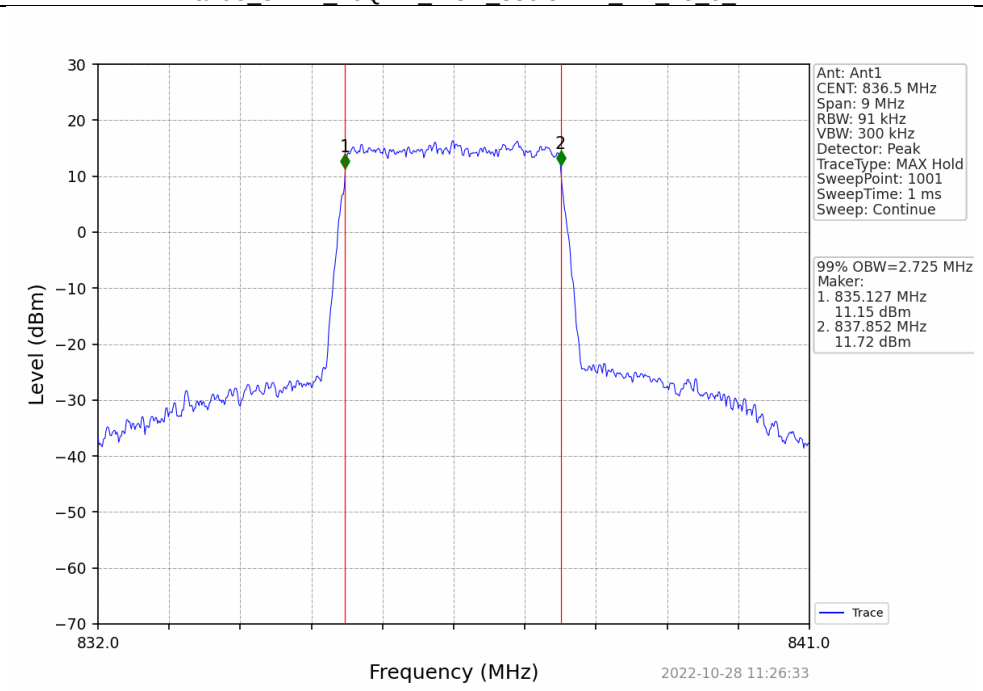
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



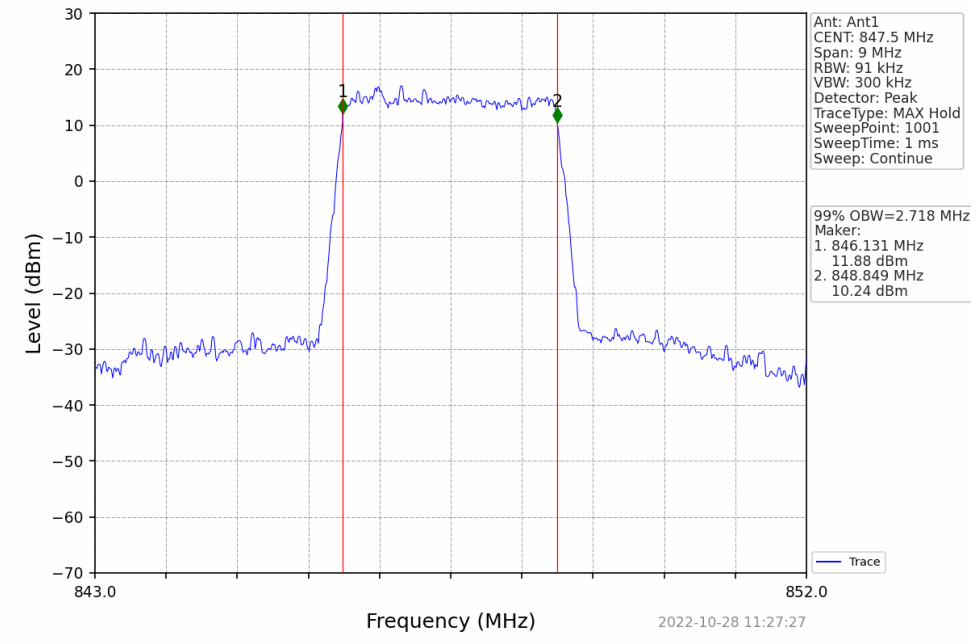
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



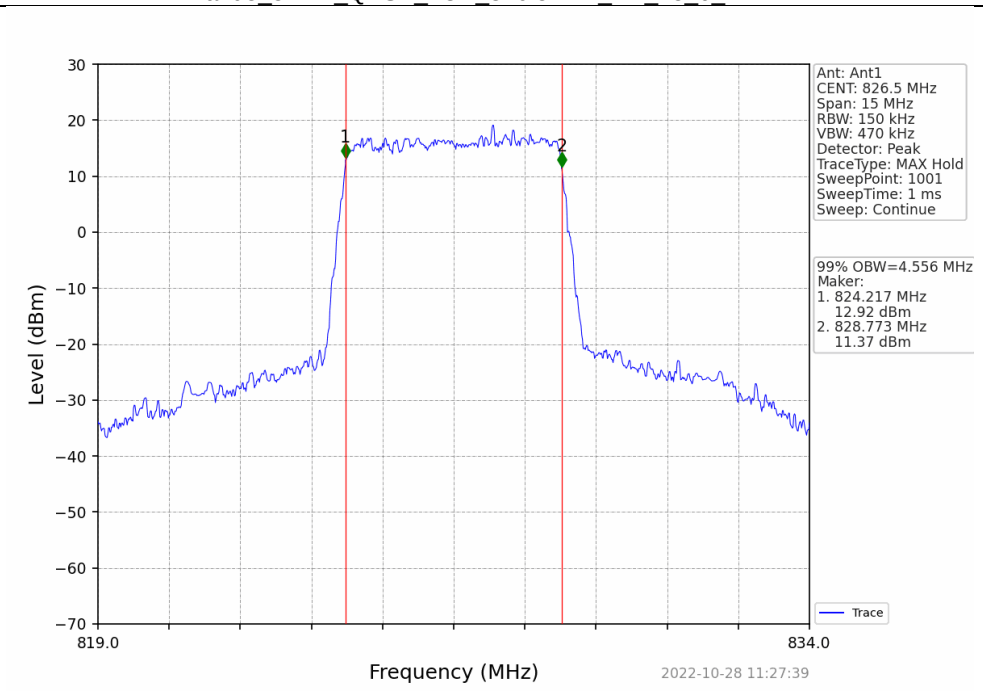
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



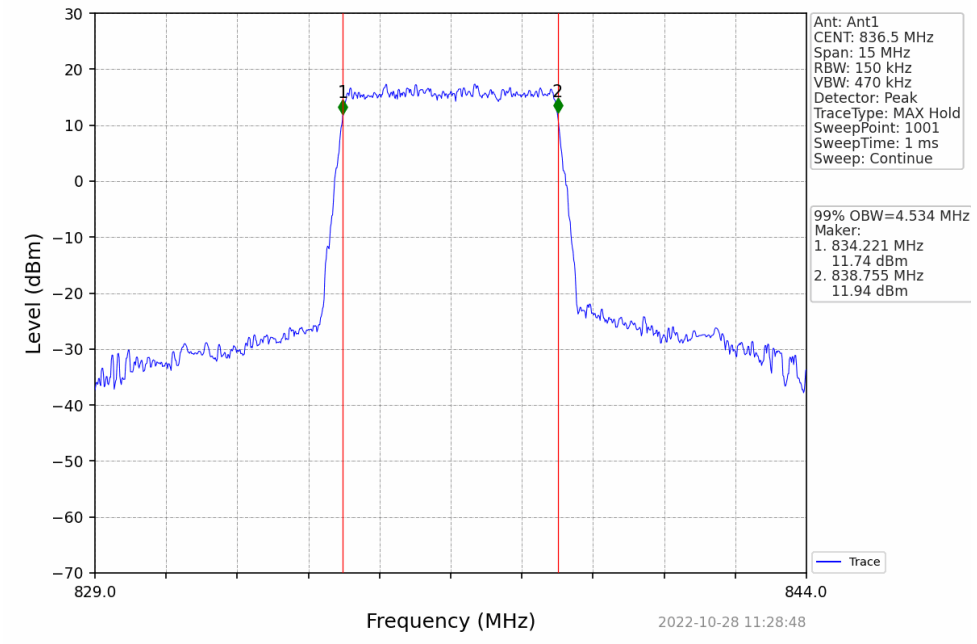
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



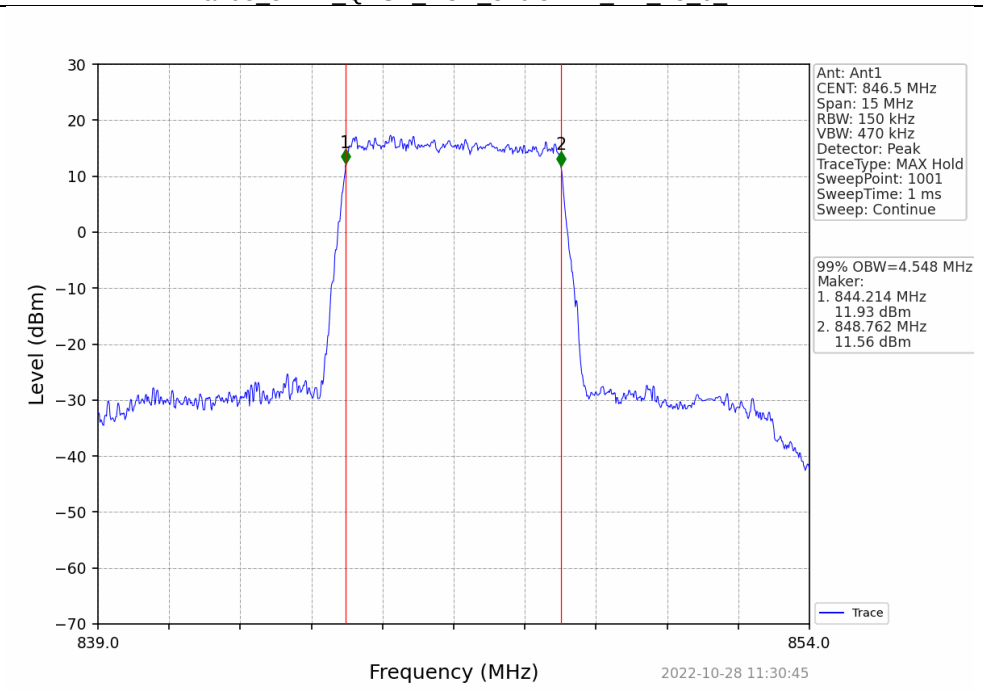
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



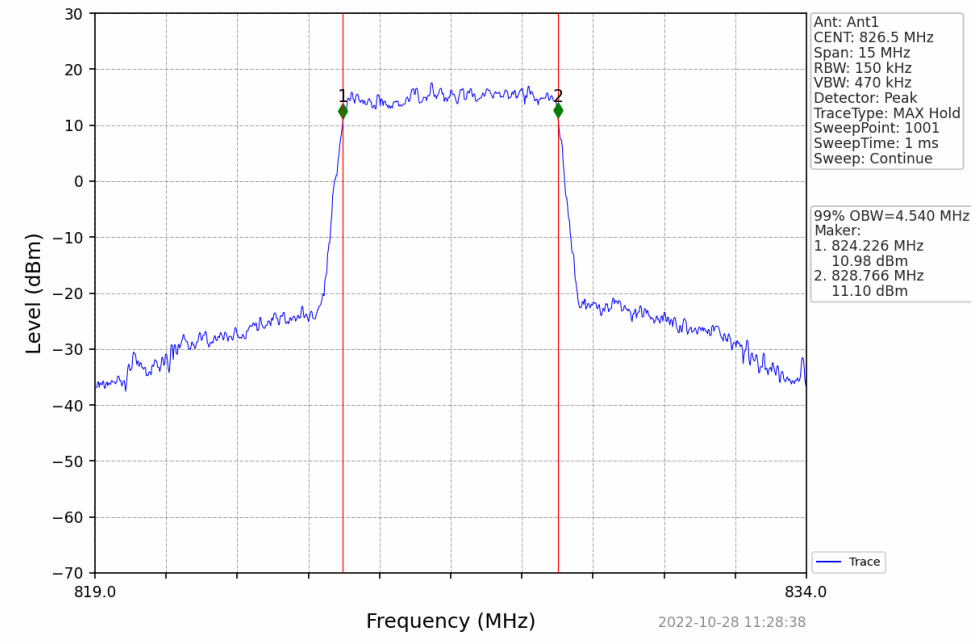
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



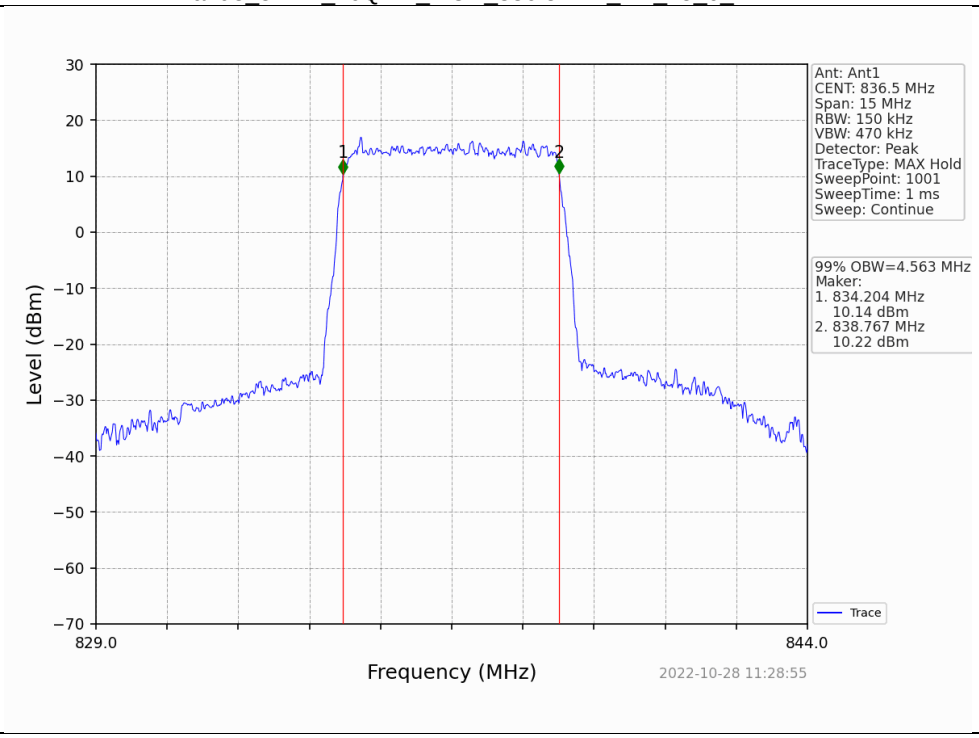
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



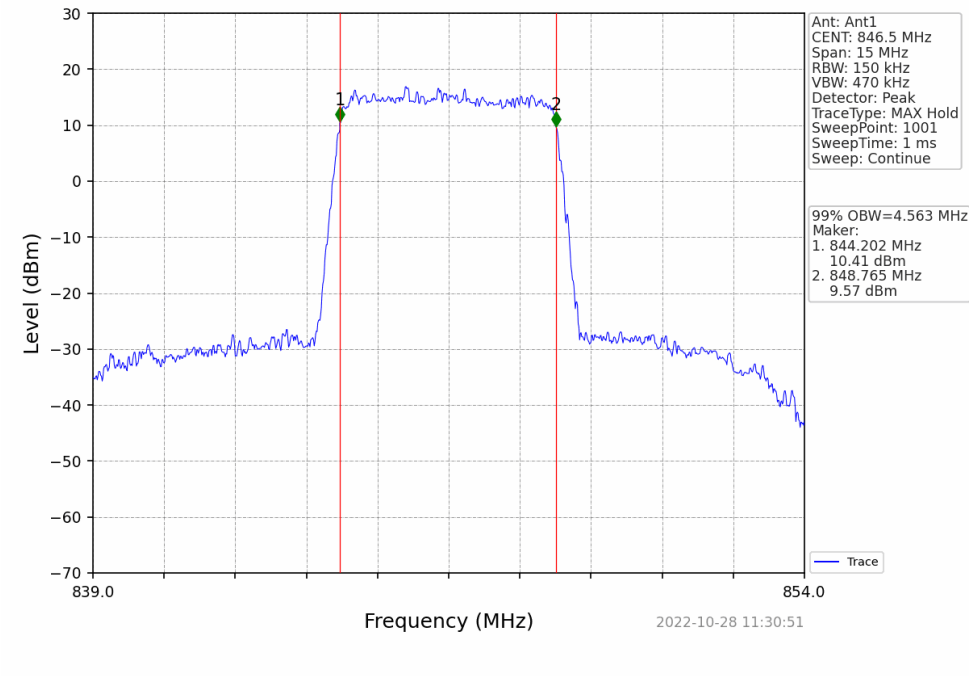
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



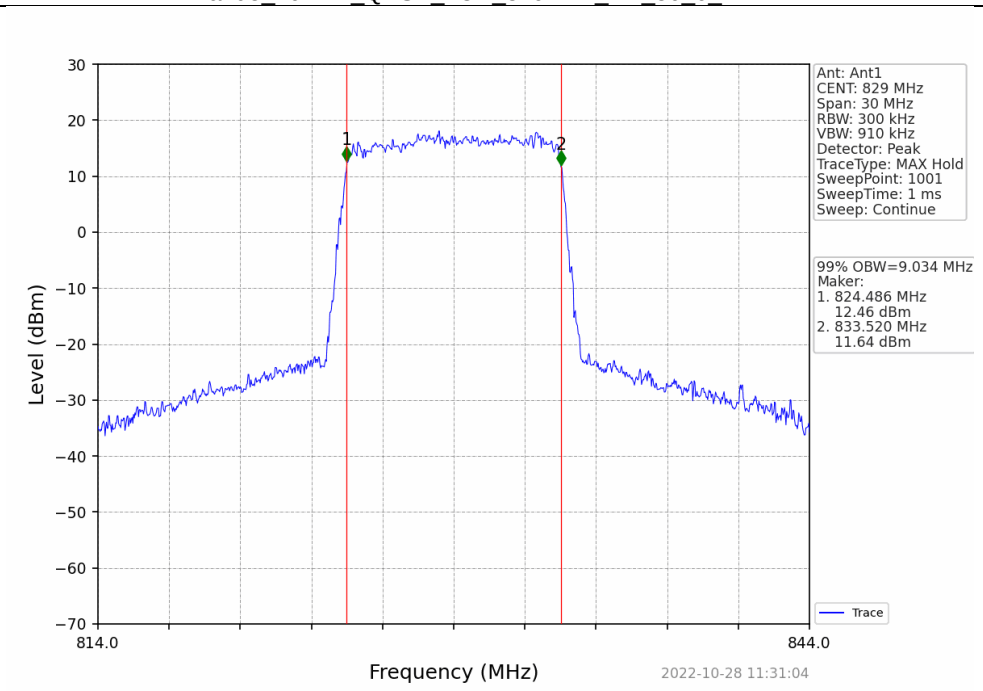
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



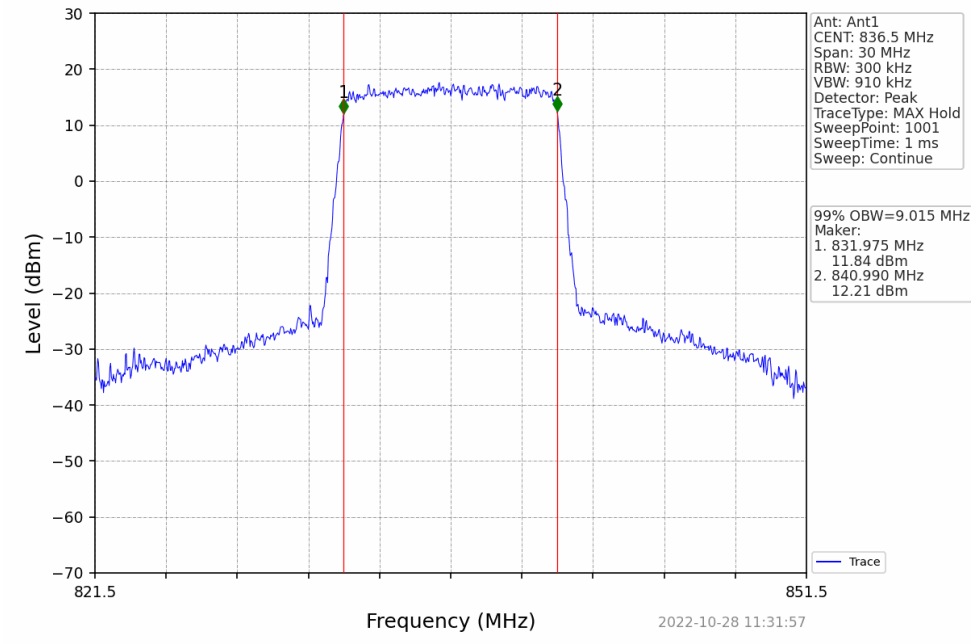
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



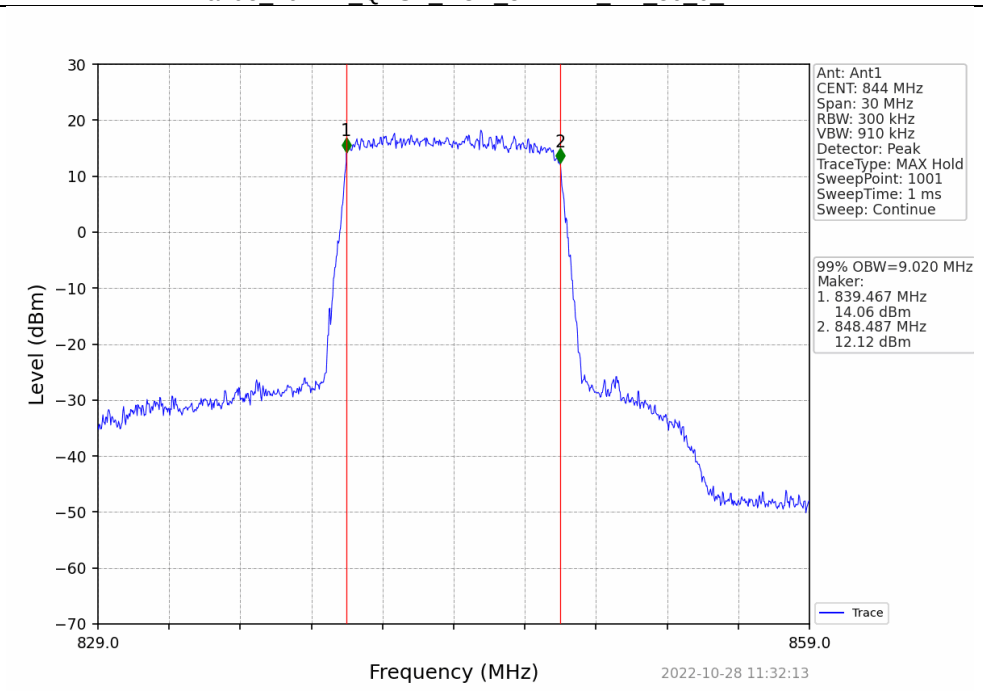
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



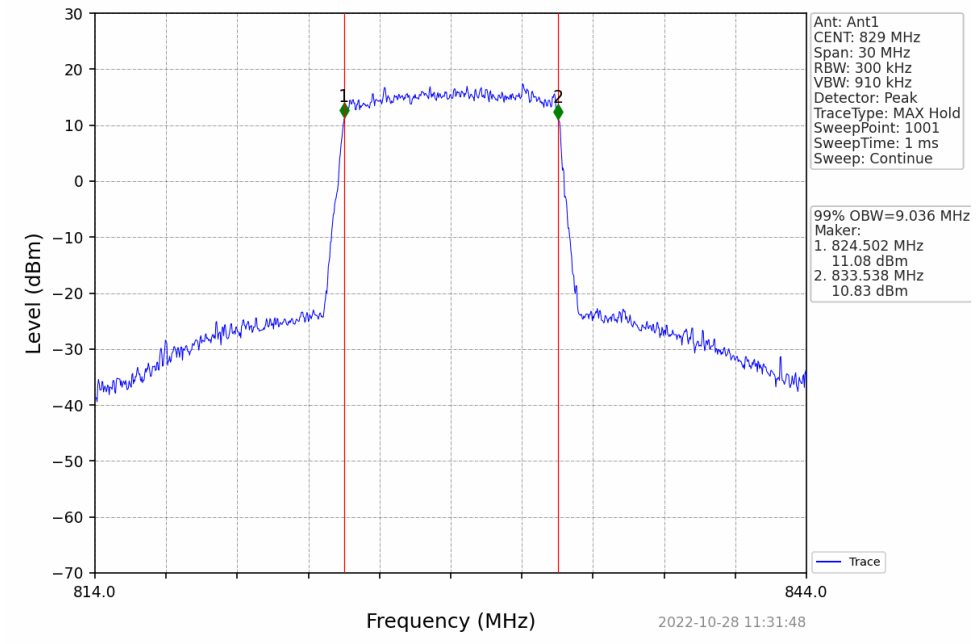
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



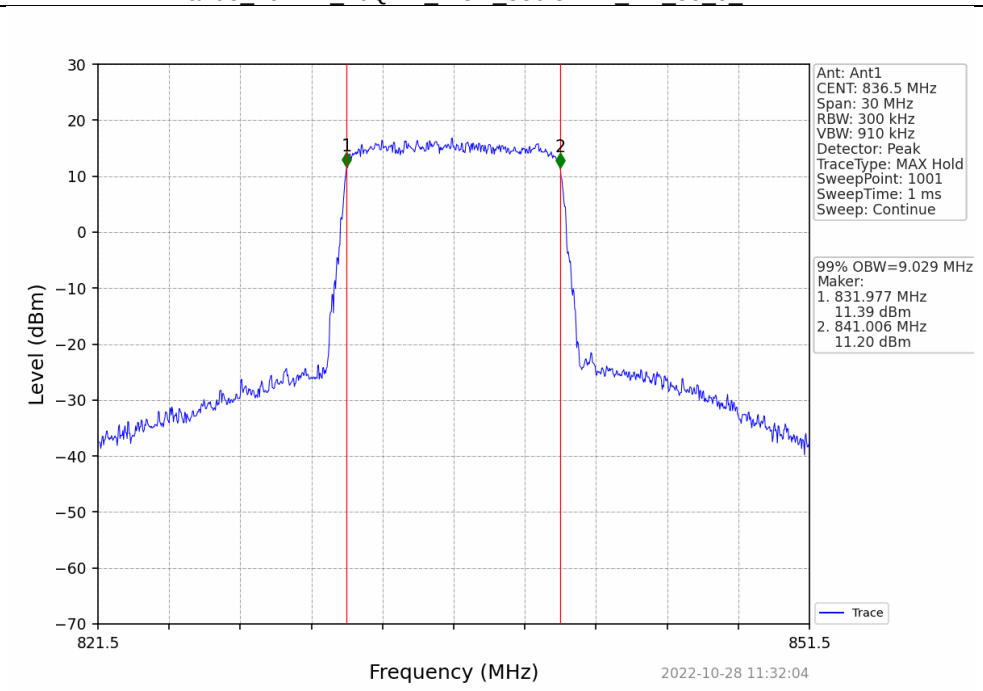
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



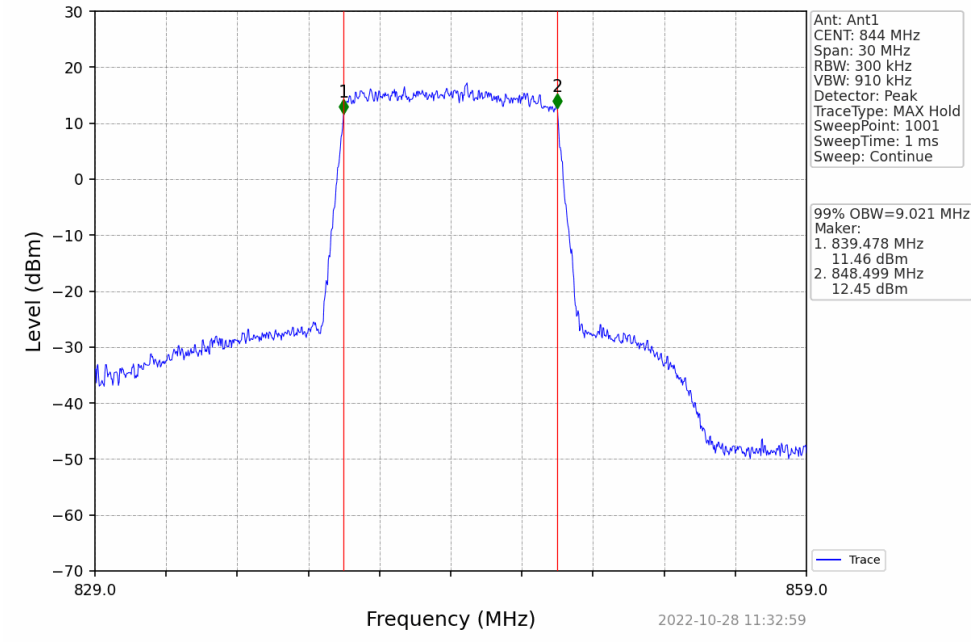
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



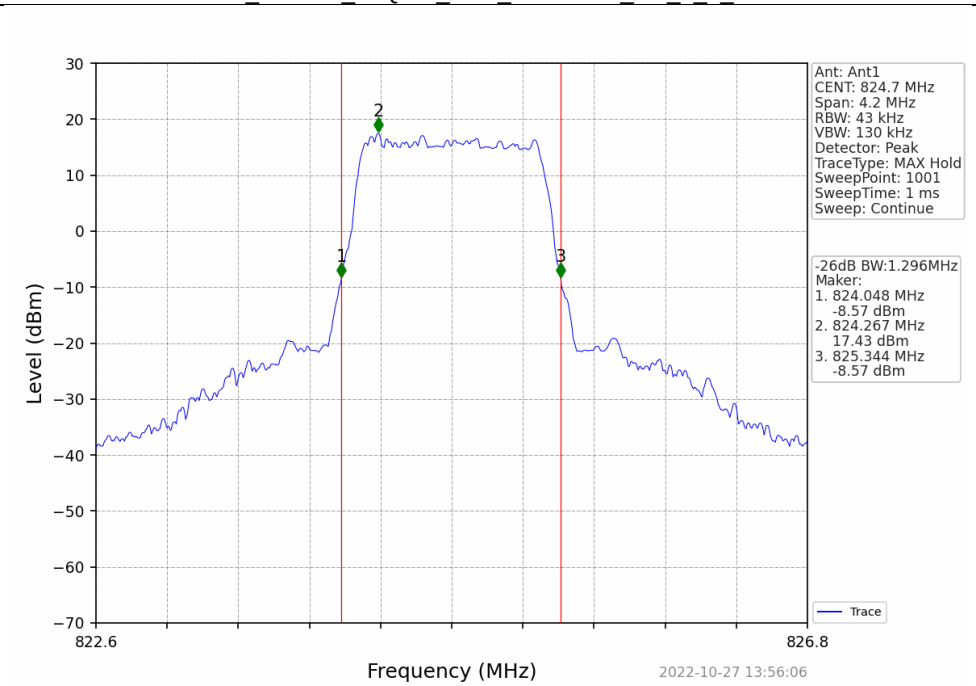
4.2 Band5_XDB

4.2.1 Test Result

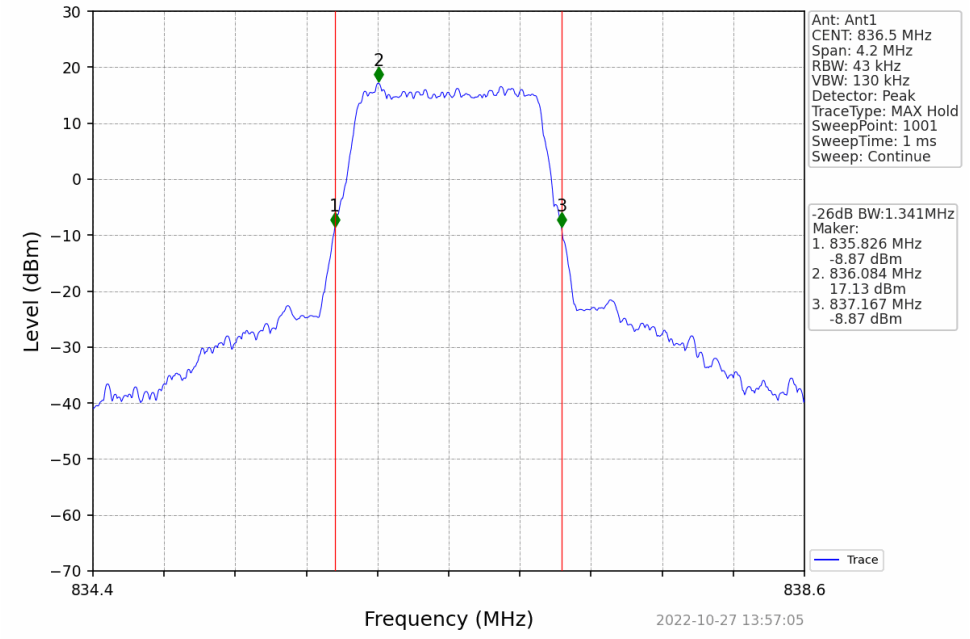
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	64QAM	824.7	6	0	1.296	Pass
		836.5	6	0	1.341	Pass
		848.3	6	0	1.315	Pass
3	64QAM	825.5	15	0	3.039	Pass
		836.5	15	0	3.025	Pass
		847.5	15	0	3.038	Pass
5	64QAM	826.5	25	0	5.082	Pass
		836.5	25	0	5.073	Pass
		846.5	25	0	5.106	Pass
10	64QAM	829	50	0	10.034	Pass
		836.5	50	0	10.013	Pass
		844	50	0	9.946	Pass
1.4	QPSK	824.7	6	0	1.318	Pass
		836.5	6	0	1.319	Pass
		848.3	6	0	1.326	Pass
	16QAM	824.7	6	0	1.297	Pass
		836.5	6	0	1.336	Pass
		848.3	6	0	1.306	Pass
3	QPSK	825.5	15	0	3.051	Pass
		836.5	15	0	3.041	Pass
		847.5	15	0	3.028	Pass
	16QAM	825.5	15	0	3.031	Pass
		836.5	15	0	3.045	Pass
		847.5	15	0	3.027	Pass
5	QPSK	826.5	25	0	5.059	Pass
		836.5	25	0	5.068	Pass
		846.5	25	0	5.057	Pass
	16QAM	826.5	25	0	5.046	Pass
		836.5	25	0	5.082	Pass
		846.5	25	0	5.078	Pass
10	QPSK	829	50	0	10.004	Pass
		836.5	50	0	9.953	Pass
		844	50	0	10.012	Pass
	16QAM	829	50	0	9.995	Pass
		836.5	50	0	10.000	Pass
		844	50	0	9.951	Pass

4.2.2 Test Graph

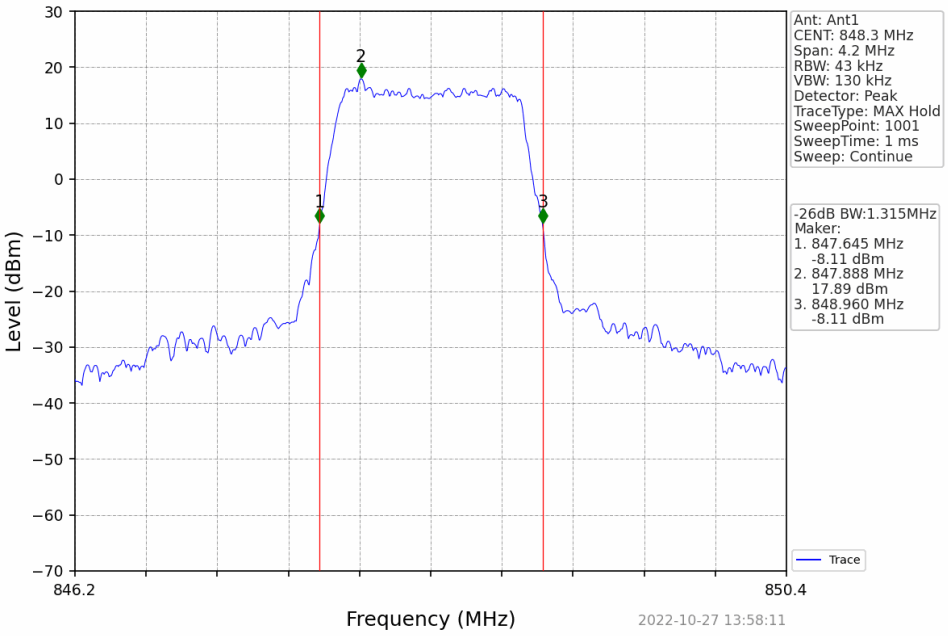
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



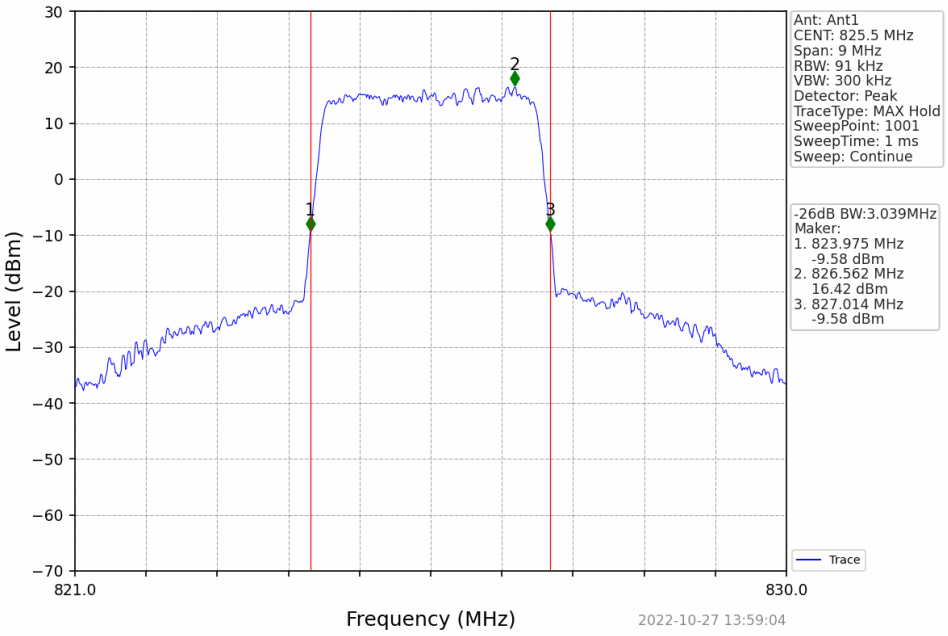
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



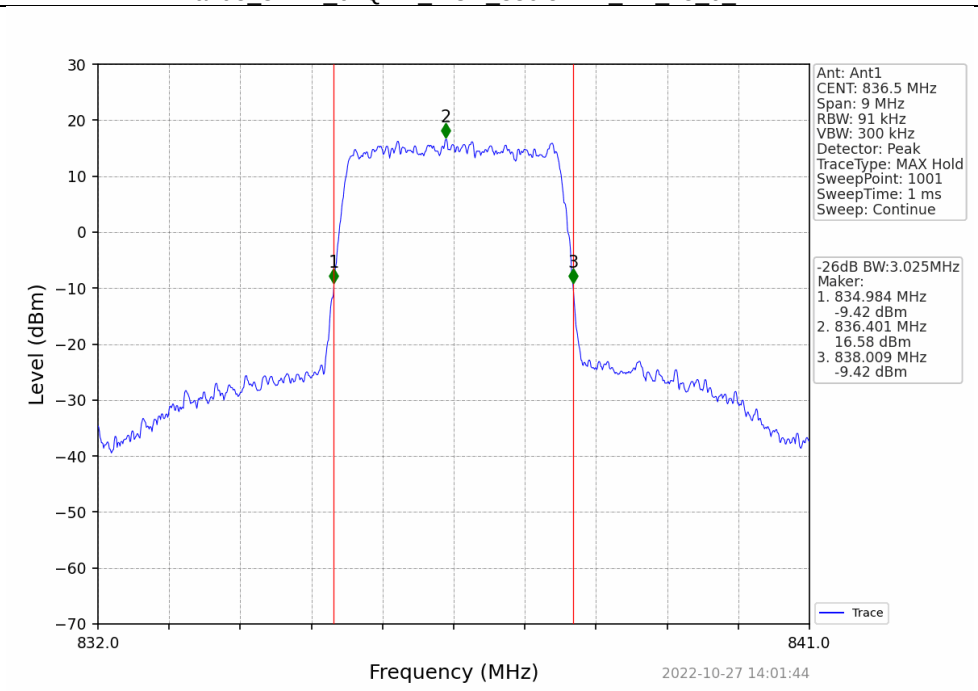
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



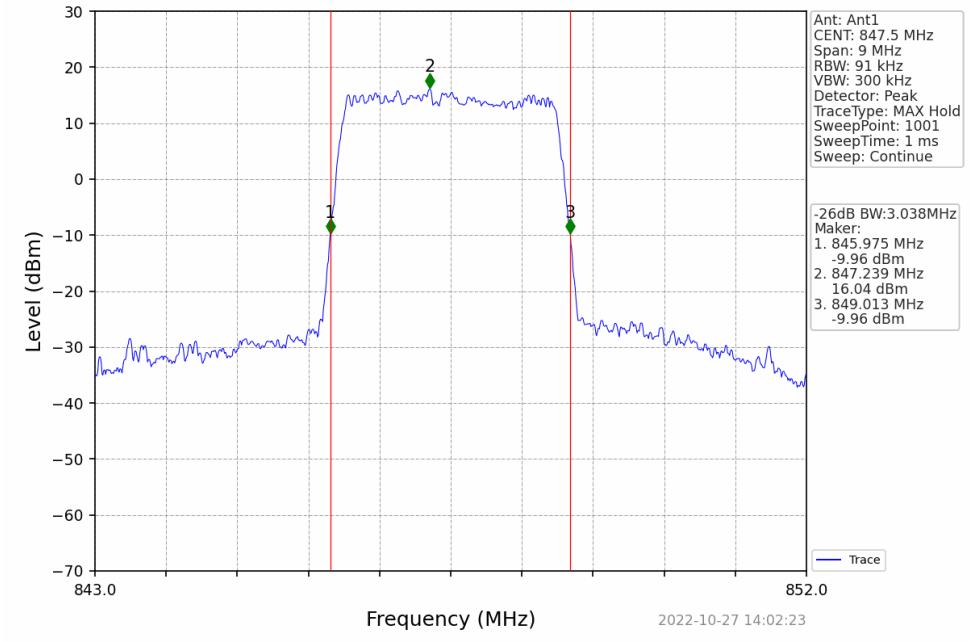
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



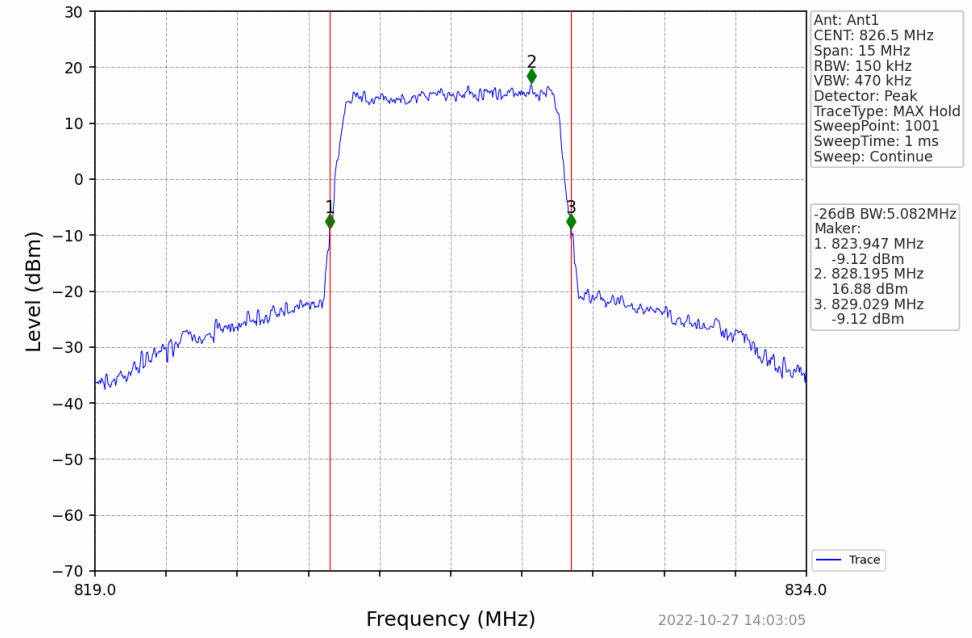
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



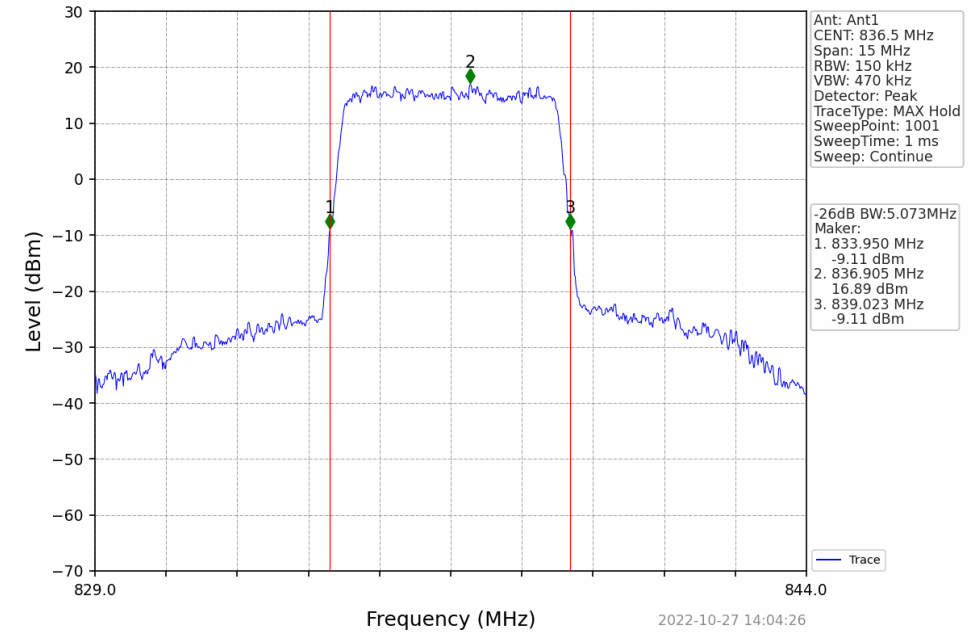
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



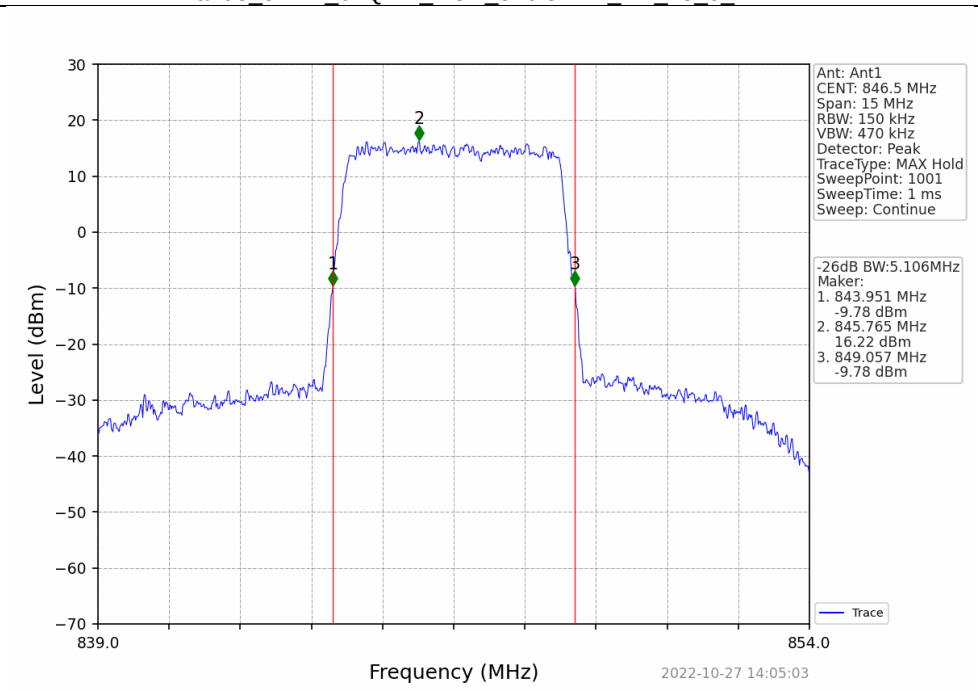
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



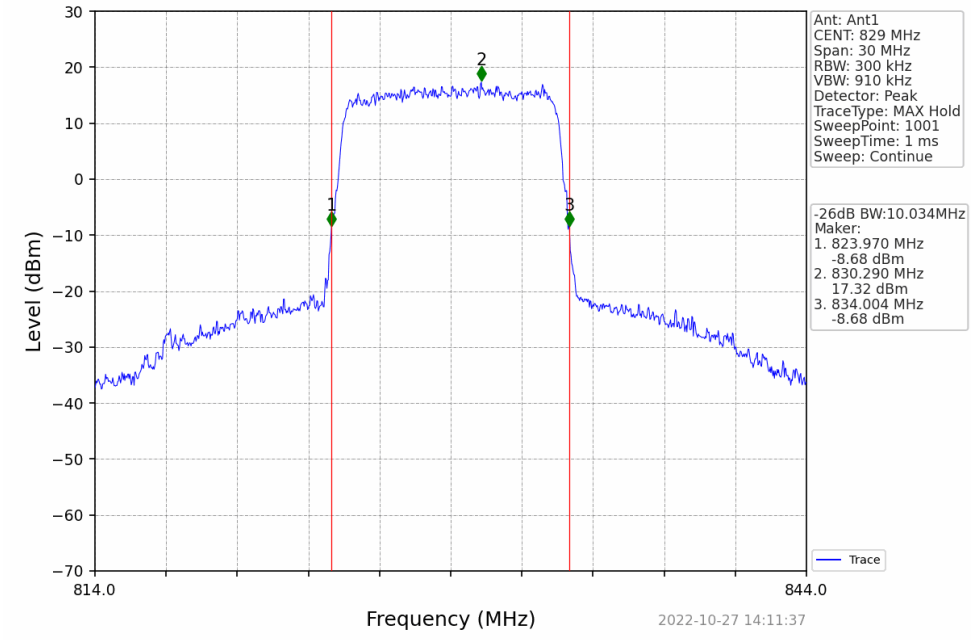
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



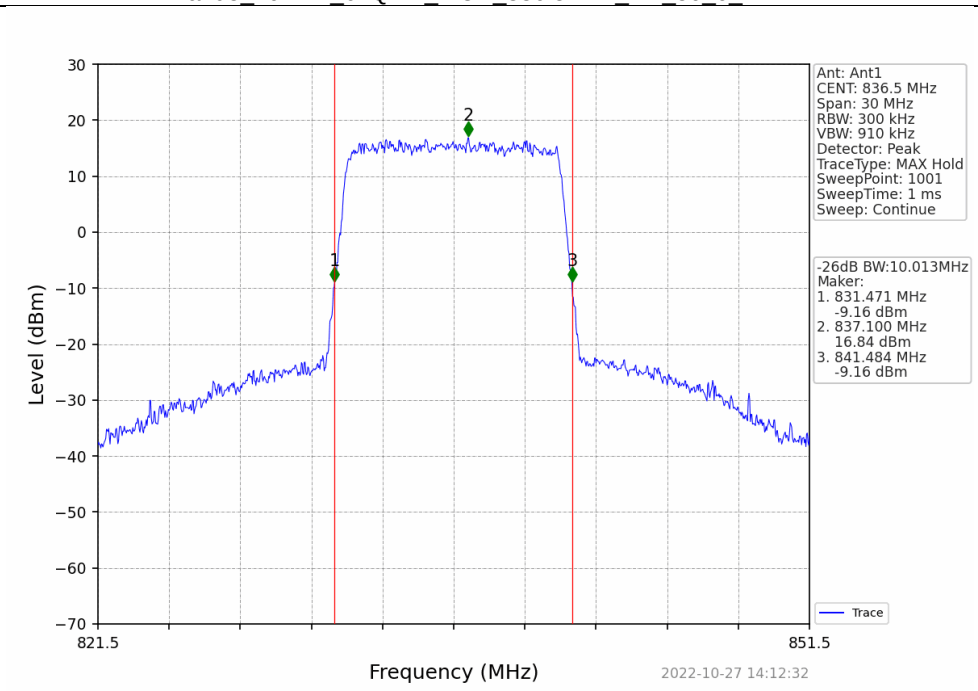
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



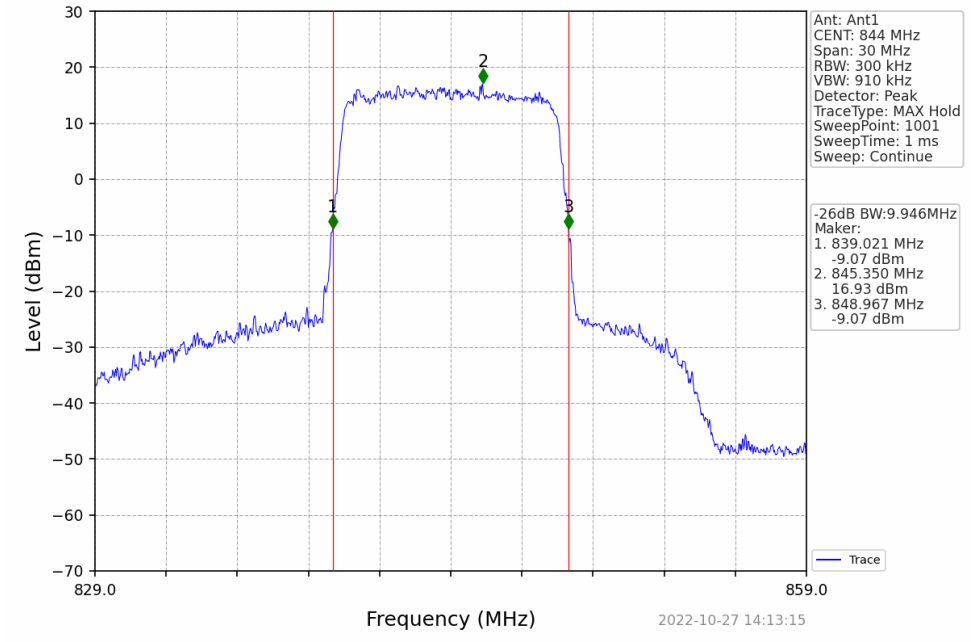
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



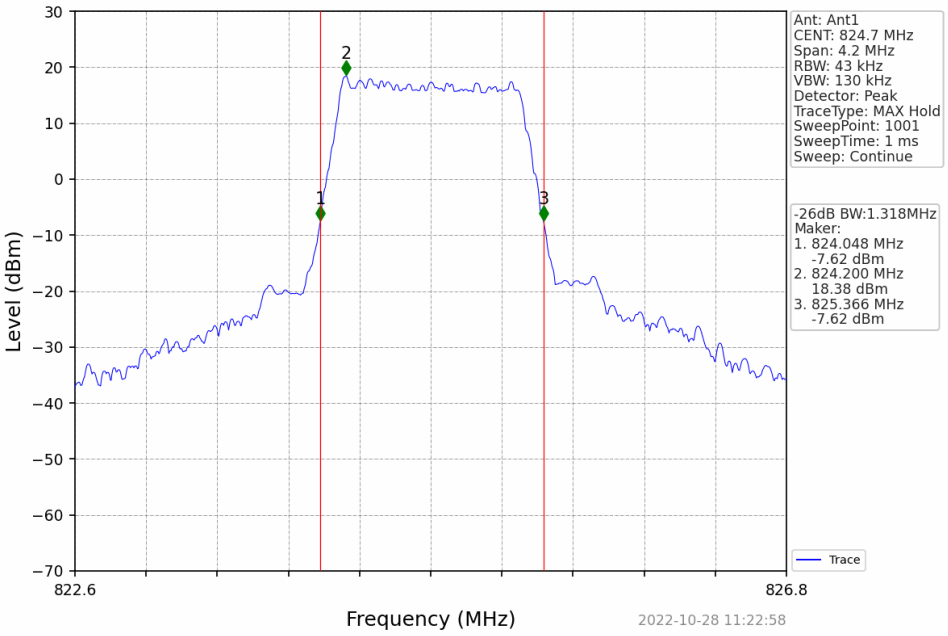
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



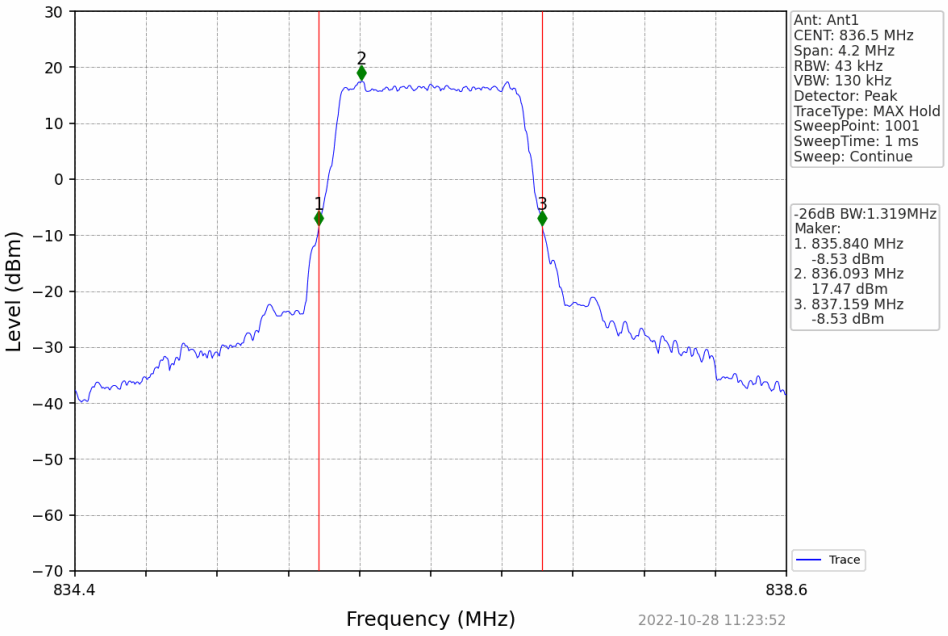
Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



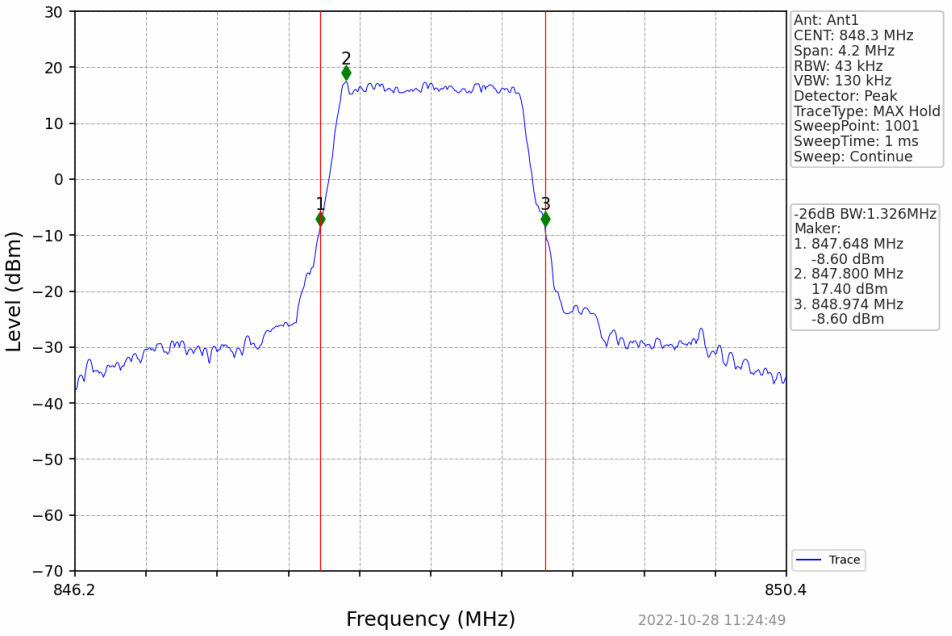
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



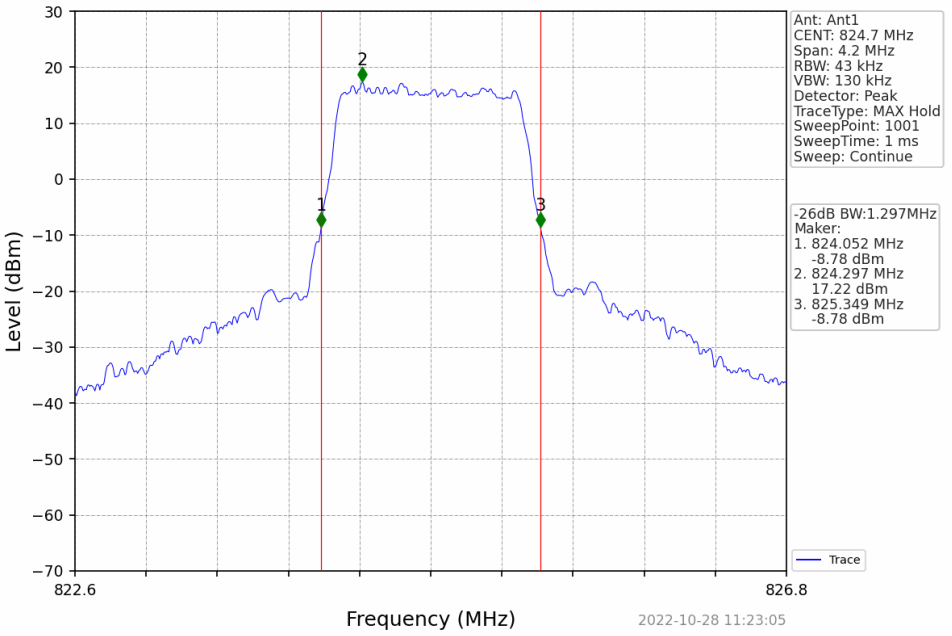
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



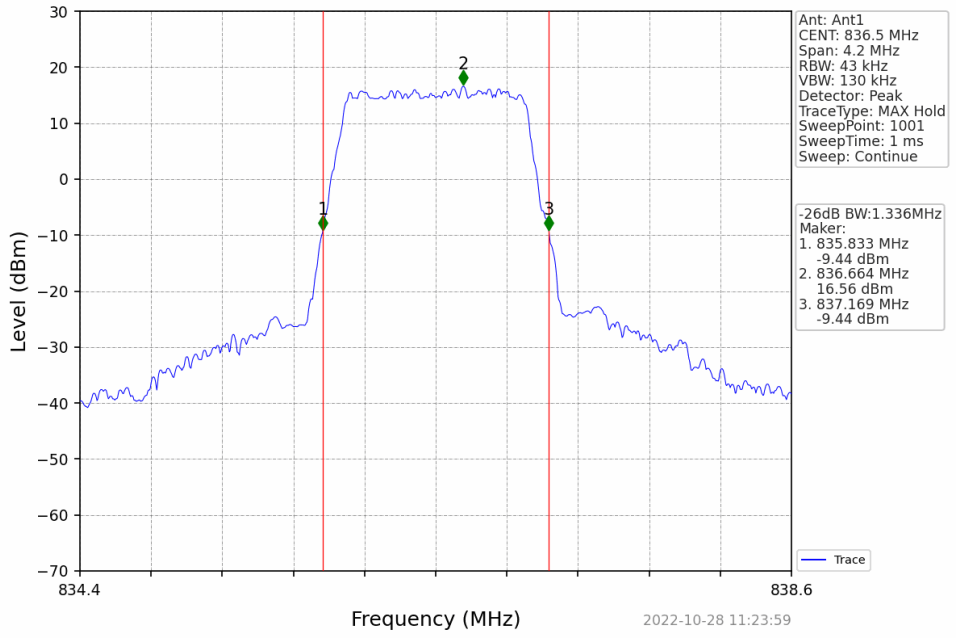
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



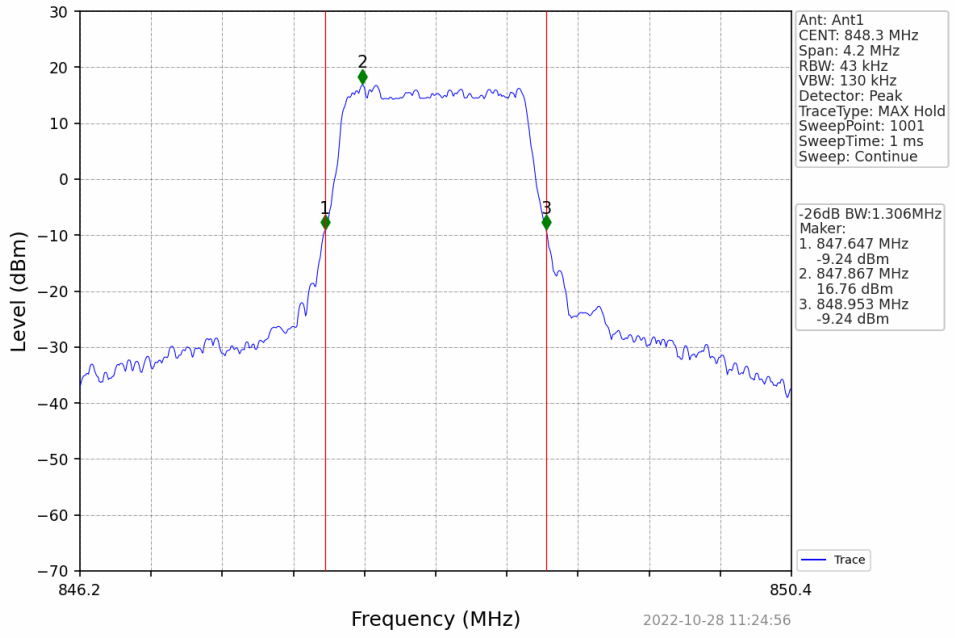
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



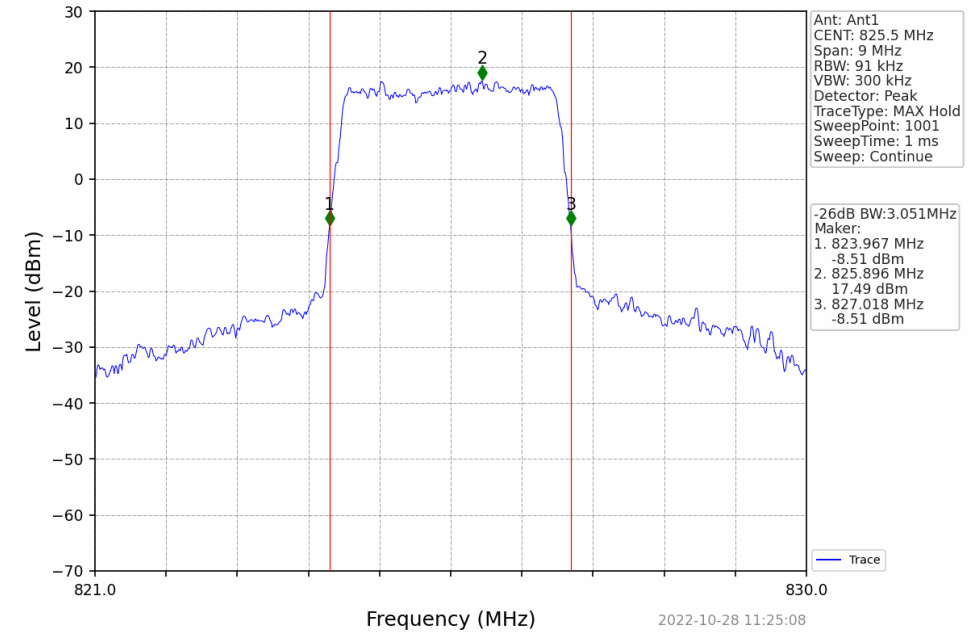
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



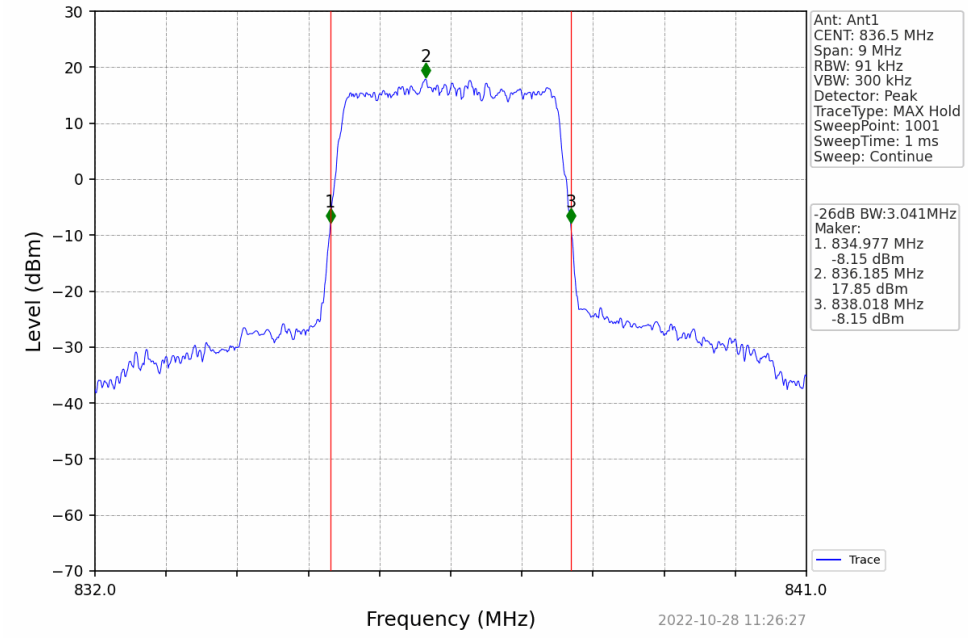
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



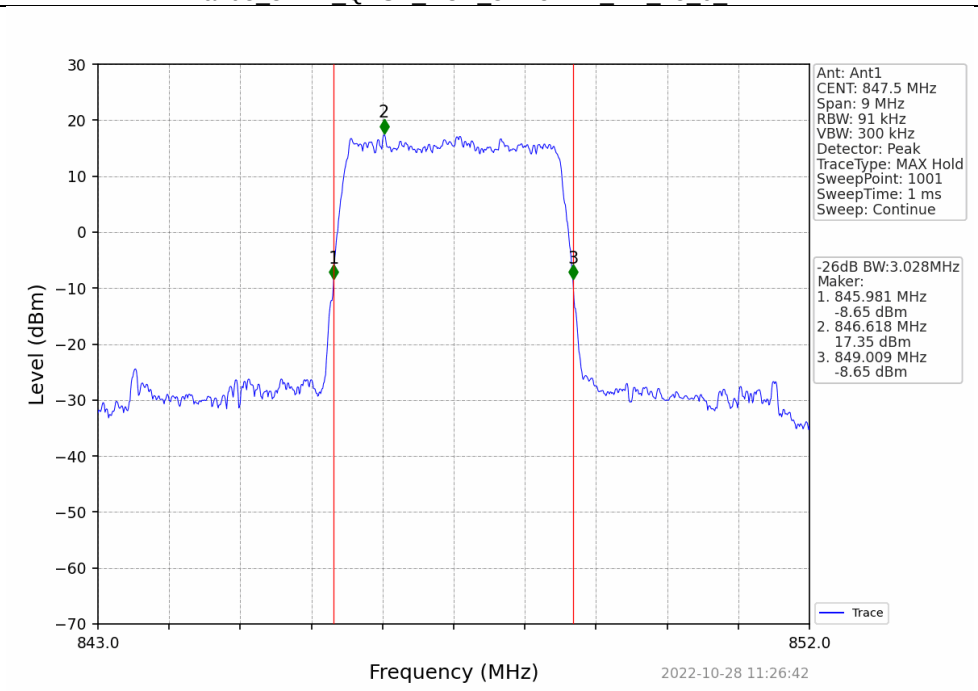
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



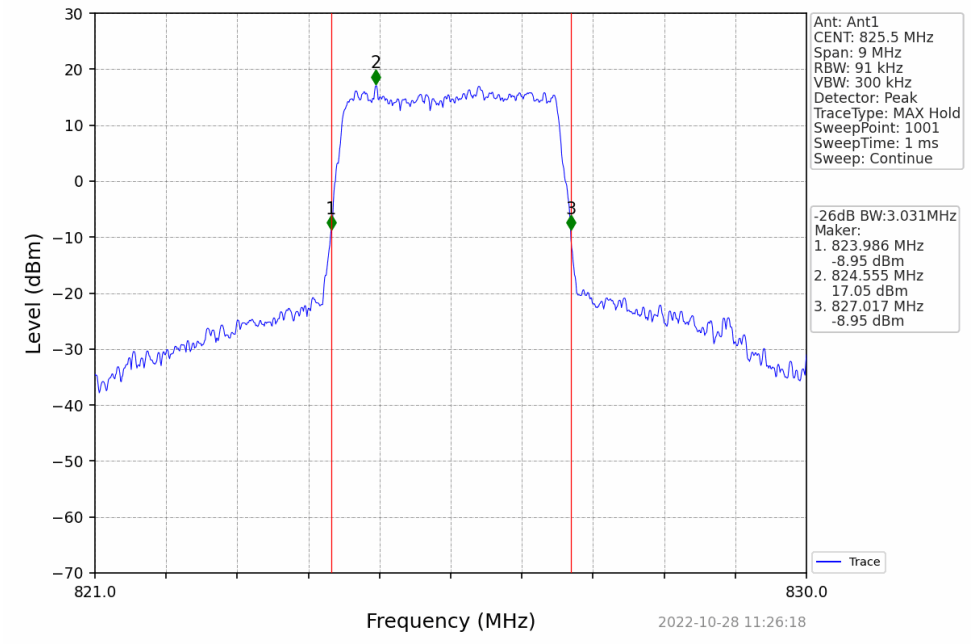
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



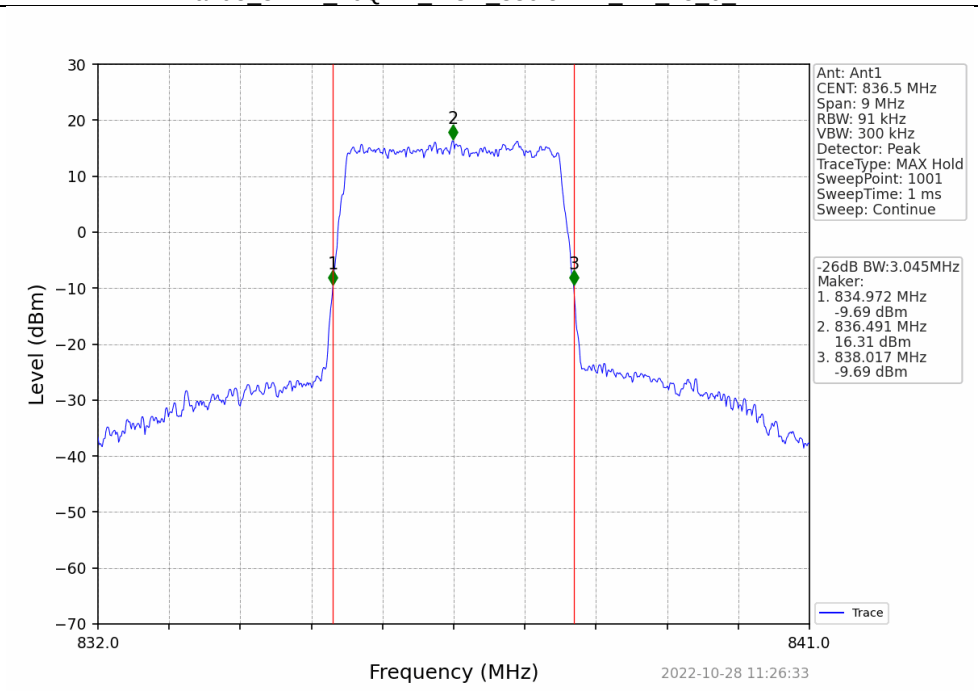
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



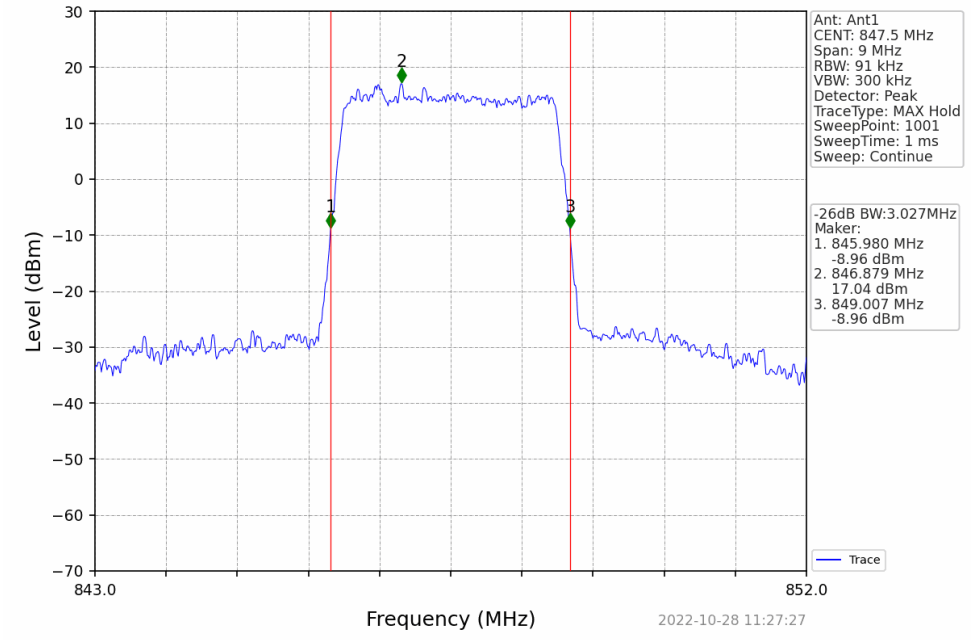
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



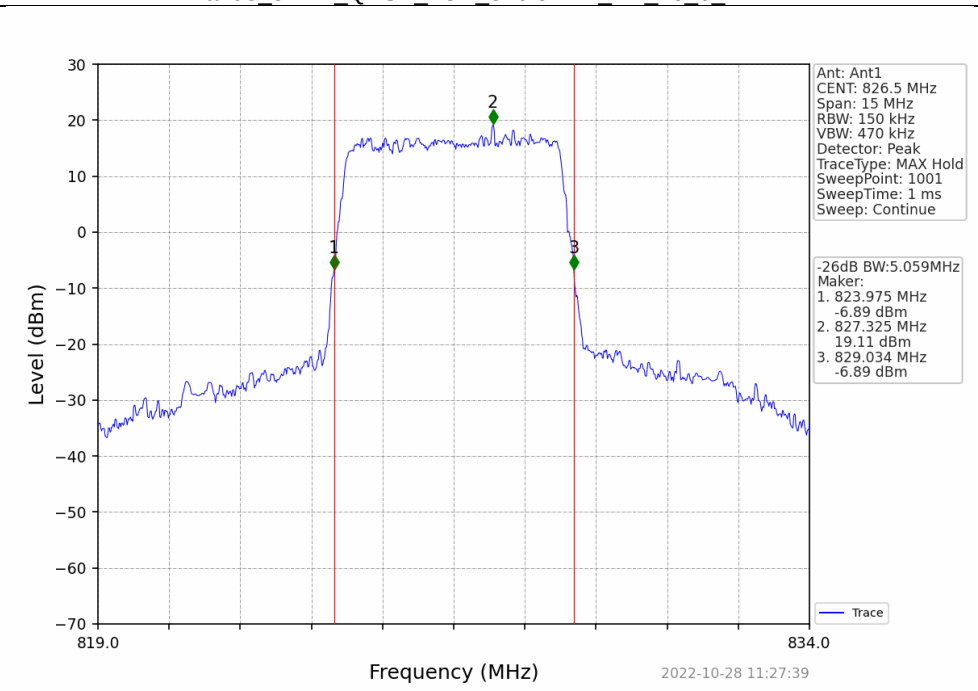
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



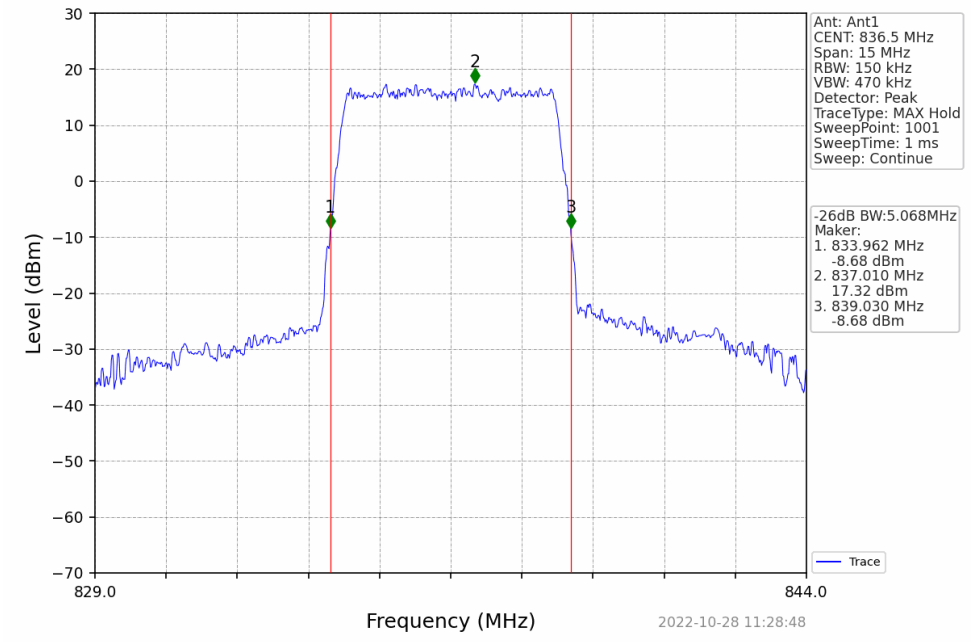
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



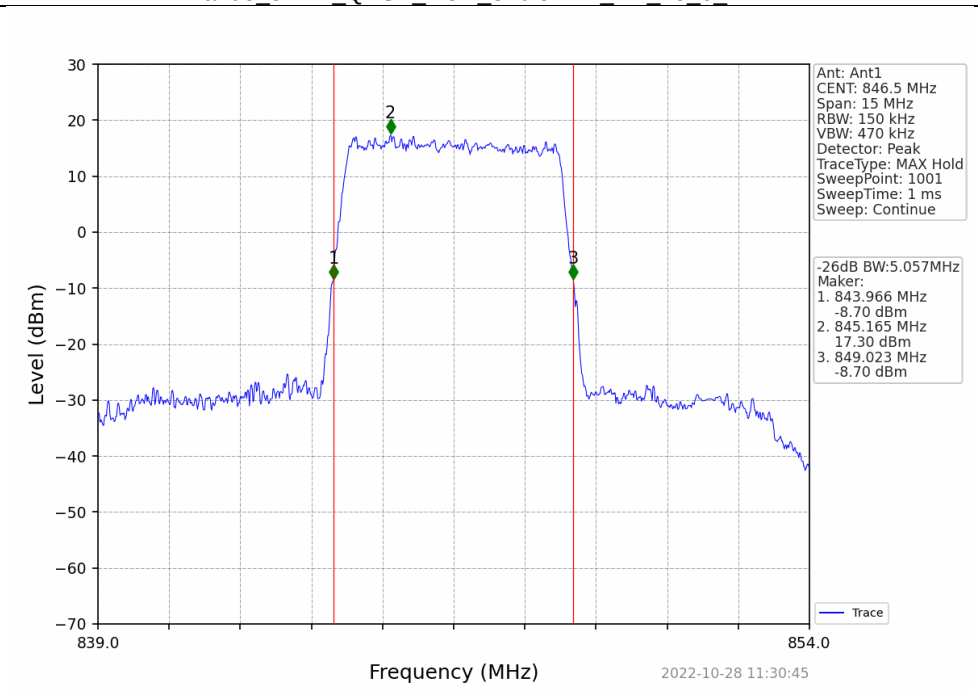
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



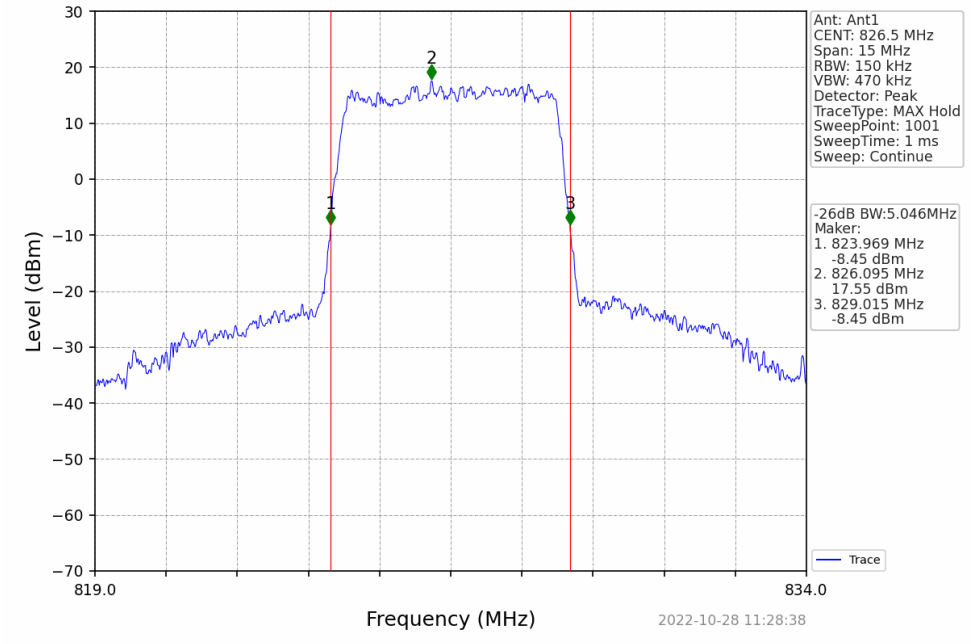
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



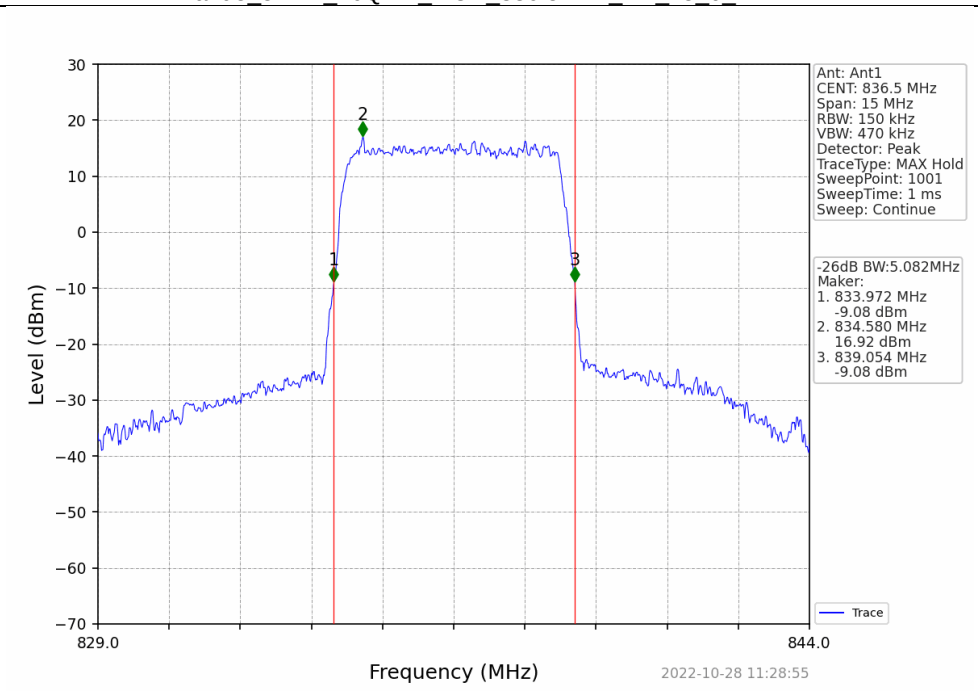
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



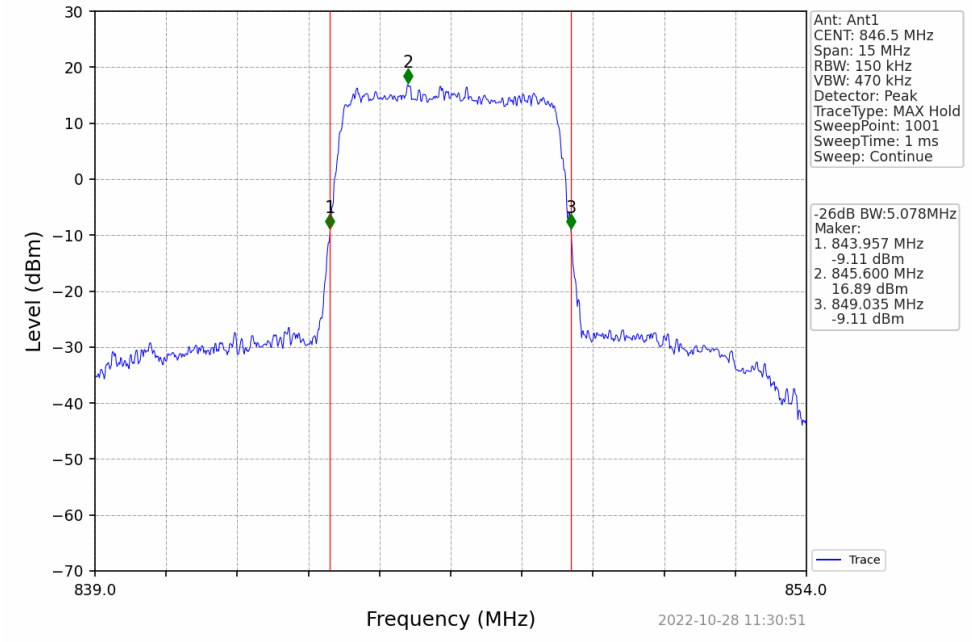
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



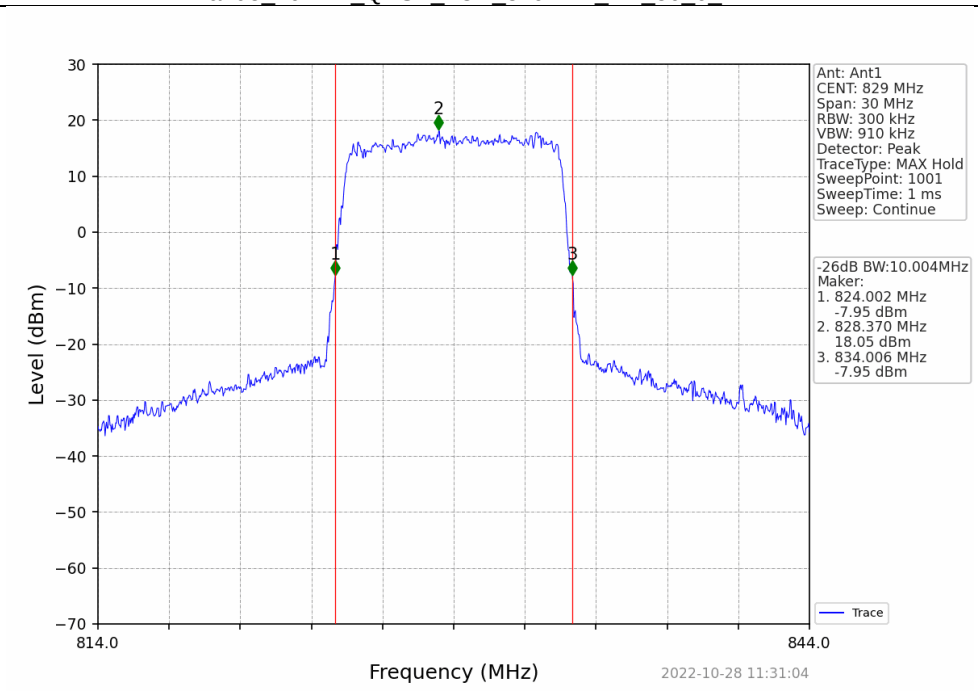
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



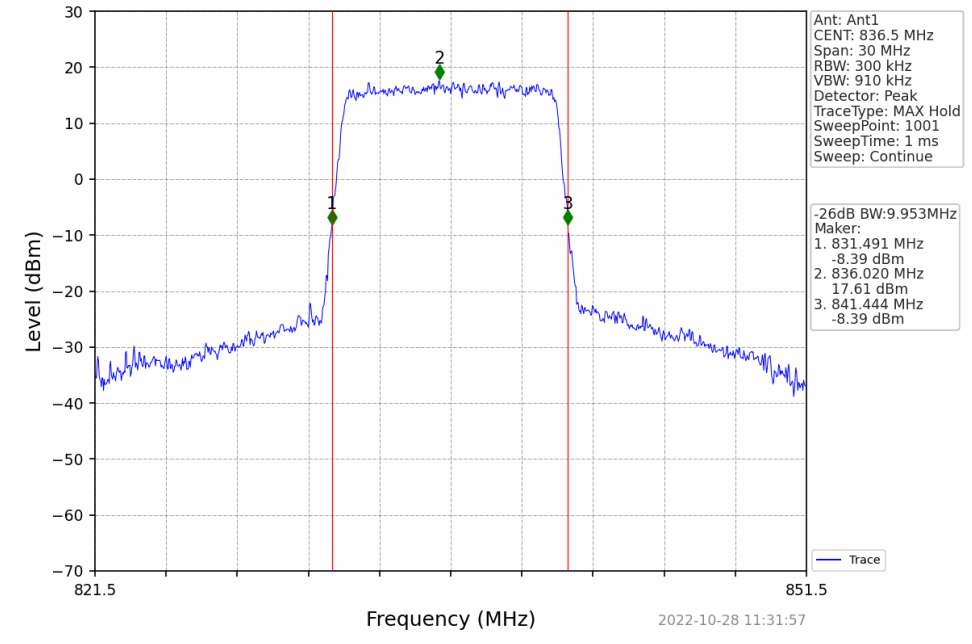
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



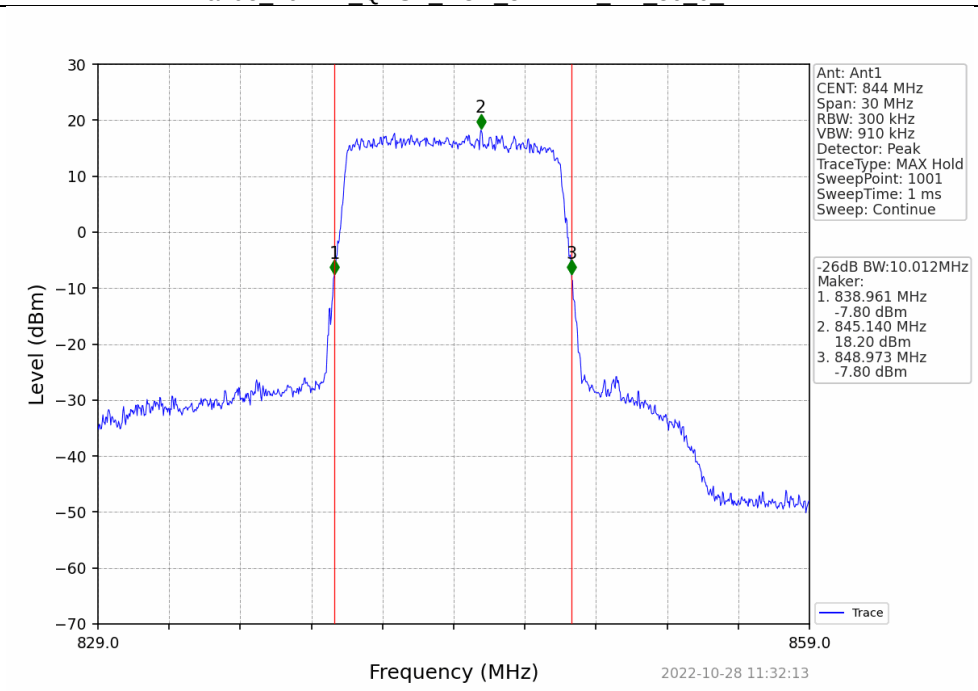
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



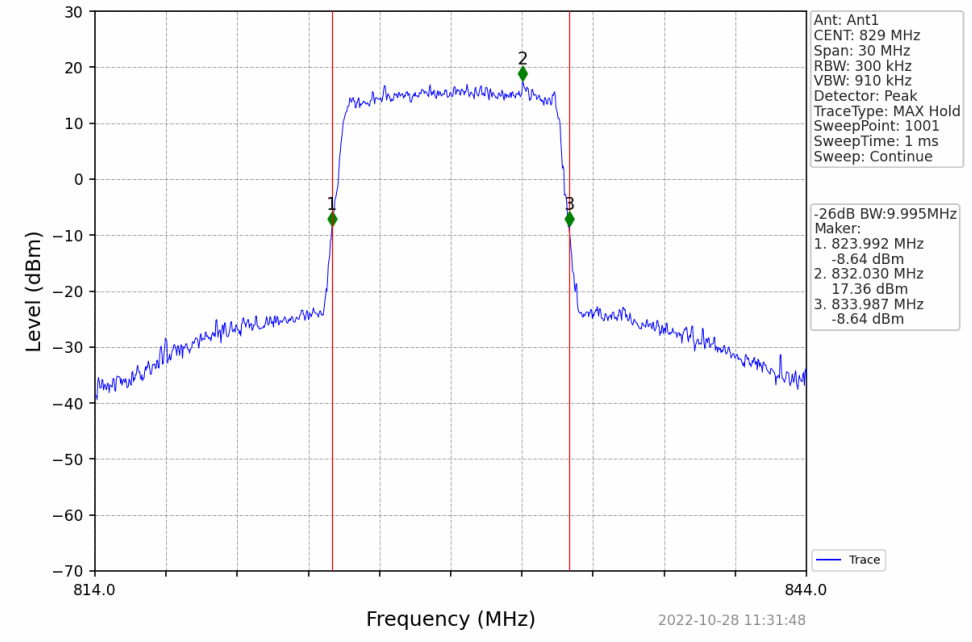
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



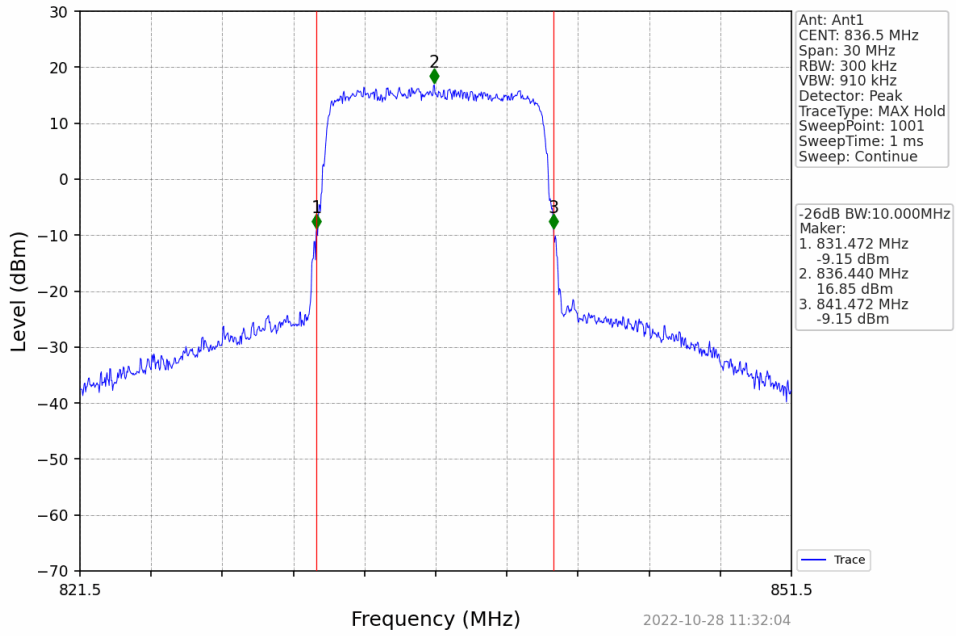
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



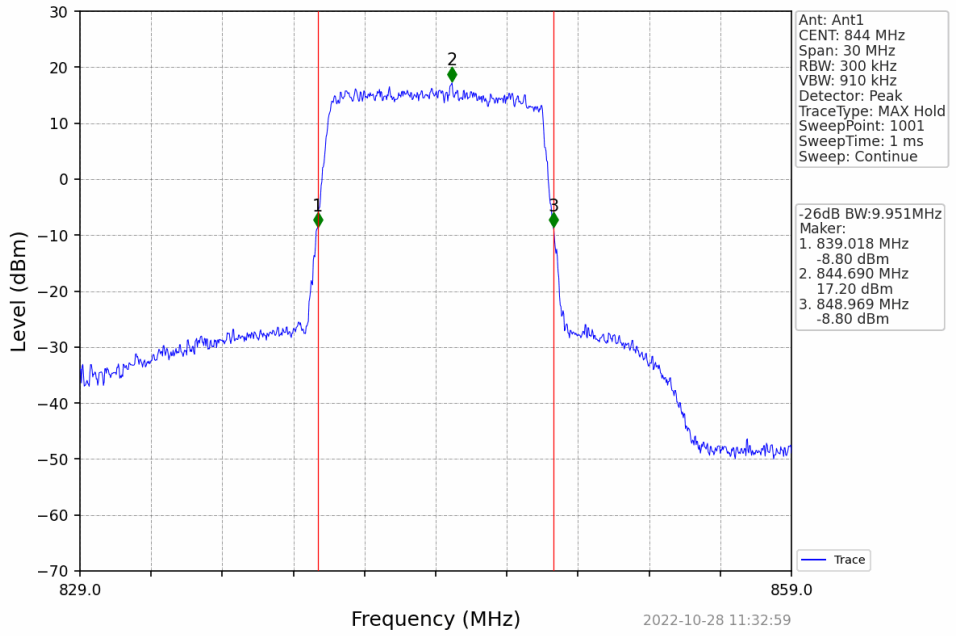
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	
64QAM	824.7	6	0	6.36	<=13	Pass
	836.5	6	0	6.21	<=13	Pass
	848.3	6	0	5.95	<=13	Pass
QPSK	824.7	6	0	5.19	<=13	Pass
	836.5	6	0	5.15	<=13	Pass
	848.3	6	0	4.84	<=13	Pass
16QAM	824.7	6	0	6.20	<=13	Pass
	836.5	6	0	6.16	<=13	Pass
	848.3	6	0	5.79	<=13	Pass