

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.45	3.00	24.30	<=38.45	Pass
			2	23.59	3.00	24.44	<=38.45	Pass
			5	23.89	3.00	24.74	<=38.45	Pass
		3	0	23.59	3.00	24.44	<=38.45	Pass
			2	23.84	3.00	24.69	<=38.45	Pass
			3	23.86	3.00	24.71	<=38.45	Pass
		6	0	22.95	3.00	23.80	<=38.45	Pass
	836.5	1	0	24.10	3.00	24.95	<=38.45	Pass
			2	24.05	3.00	24.90	<=38.45	Pass
			5	23.85	3.00	24.70	<=38.45	Pass
		3	0	24.05	3.00	24.90	<=38.45	Pass
			2	24.04	3.00	24.89	<=38.45	Pass
			3	24.01	3.00	24.86	<=38.45	Pass
		6	0	23.23	3.00	24.08	<=38.45	Pass
	848.3	1	0	23.47	3.00	24.32	<=38.45	Pass
			2	23.38	3.00	24.23	<=38.45	Pass
			5	23.15	3.00	24.00	<=38.45	Pass
		3	0	23.42	3.00	24.27	<=38.45	Pass
			2	23.32	3.00	24.17	<=38.45	Pass
			3	23.23	3.00	24.08	<=38.45	Pass
		6	0	22.51	3.00	23.36	<=38.45	Pass
16QAM	824.7	1	0	22.70	3.00	23.55	<=38.45	Pass
			2	23.14	3.00	23.99	<=38.45	Pass
			5	22.34	3.00	23.19	<=38.45	Pass
		3	0	22.81	3.00	23.66	<=38.45	Pass
			2	23.03	3.00	23.88	<=38.45	Pass
			3	22.80	3.00	23.65	<=38.45	Pass
		6	0	22.07	3.00	22.92	<=38.45	Pass
	836.5	1	0	23.52	3.00	24.37	<=38.45	Pass
			2	23.30	3.00	24.15	<=38.45	Pass
			5	23.25	3.00	24.10	<=38.45	Pass
		3	0	23.25	3.00	24.10	<=38.45	Pass
			2	23.04	3.00	23.89	<=38.45	Pass
			3	23.16	3.00	24.01	<=38.45	Pass
		6	0	22.24	3.00	23.09	<=38.45	Pass
	848.3	1	0	22.78	3.00	23.63	<=38.45	Pass
			2	22.68	3.00	23.53	<=38.45	Pass
			5	22.33	3.00	23.18	<=38.45	Pass
		3	0	22.56	3.00	23.41	<=38.45	Pass
			2	22.53	3.00	23.38	<=38.45	Pass
			3	22.46	3.00	23.31	<=38.45	Pass
		6	0	21.58	3.00	22.43	<=38.45	Pass
64QAM	824.7	1	0	21.97	3.00	22.82	<=38.45	Pass
			2	21.70	3.00	22.55	<=38.45	Pass
			5	21.86	3.00	22.71	<=38.45	Pass
		3	0	21.82	3.00	22.67	<=38.45	Pass

			2	21.97	3.00	22.82	<=38.45	Pass
			3	21.56	3.00	22.41	<=38.45	Pass
	836.5	6	0	20.80	3.00	21.65	<=38.45	Pass
			0	22.03	3.00	22.88	<=38.45	Pass
			2	21.73	3.00	22.58	<=38.45	Pass
		1	5	22.29	3.00	23.14	<=38.45	Pass
			0	22.38	3.00	23.23	<=38.45	Pass
			2	22.30	3.00	23.15	<=38.45	Pass
			3	22.19	3.00	23.04	<=38.45	Pass
			6	21.26	3.00	22.11	<=38.45	Pass
		848.3	0	21.80	3.00	22.65	<=38.45	Pass
			2	22.08	3.00	22.93	<=38.45	Pass
			5	22.38	3.00	23.23	<=38.45	Pass
			0	22.19	3.00	23.04	<=38.45	Pass
			2	22.27	3.00	23.12	<=38.45	Pass
			3	22.16	3.00	23.01	<=38.45	Pass
			6	21.08	3.00	21.93	<=38.45	Pass
256QAM	824.7	1	0	18.95	3.00	19.80	<=38.45	Pass
			2	19.20	3.00	20.05	<=38.45	Pass
			5	18.34	3.00	19.19	<=38.45	Pass
		3	0	18.95	3.00	19.80	<=38.45	Pass
			2	19.00	3.00	19.85	<=38.45	Pass
			3	18.74	3.00	19.59	<=38.45	Pass
		6	0	18.75	3.00	19.60	<=38.45	Pass
			0	18.82	3.00	19.67	<=38.45	Pass
			2	19.20	3.00	20.05	<=38.45	Pass
			5	19.49	3.00	20.34	<=38.45	Pass
	836.5	1	0	19.26	3.00	20.11	<=38.45	Pass
			2	19.31	3.00	20.16	<=38.45	Pass
			3	19.39	3.00	20.24	<=38.45	Pass
		3	0	19.40	3.00	20.25	<=38.45	Pass
			0	19.30	3.00	20.15	<=38.45	Pass
		848.3	2	19.14	3.00	19.99	<=38.45	Pass
			5	18.97	3.00	19.82	<=38.45	Pass
			0	19.18	3.00	20.03	<=38.45	Pass
			2	19.15	3.00	20.00	<=38.45	Pass
			3	19.18	3.00	20.03	<=38.45	Pass
		6	0	19.33	3.00	20.18	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.98	3.00	24.83	<=38.45	Pass
			7	24.00	3.00	24.85	<=38.45	Pass
			14	23.88	3.00	24.73	<=38.45	Pass
		8	0	22.96	3.00	23.81	<=38.45	Pass
			4	23.07	3.00	23.92	<=38.45	Pass
			7	23.06	3.00	23.91	<=38.45	Pass
		15	0	23.14	3.00	23.99	<=38.45	Pass
	836.5	1	0	24.30	3.00	25.15	<=38.45	Pass
			7	24.53	3.00	25.38	<=38.45	Pass
			14	24.38	3.00	25.23	<=38.45	Pass
		8	0	23.40	3.00	24.25	<=38.45	Pass
			4	23.48	3.00	24.33	<=38.45	Pass
			7	23.48	3.00	24.33	<=38.45	Pass
		15	0	23.45	3.00	24.30	<=38.45	Pass
	847.5	1	0	24.36	3.00	25.21	<=38.45	Pass
			7	24.34	3.00	25.19	<=38.45	Pass
			14	24.15	3.00	25.00	<=38.45	Pass
		8	0	23.40	3.00	24.25	<=38.45	Pass
			4	23.42	3.00	24.27	<=38.45	Pass
			7	23.33	3.00	24.18	<=38.45	Pass
		15	0	23.40	3.00	24.25	<=38.45	Pass
16QAM	825.5	1	0	23.03	3.00	23.88	<=38.45	Pass
			7	23.33	3.00	24.18	<=38.45	Pass
			14	23.43	3.00	24.28	<=38.45	Pass
		8	0	22.04	3.00	22.89	<=38.45	Pass
			4	22.17	3.00	23.02	<=38.45	Pass
			7	22.17	3.00	23.02	<=38.45	Pass
		15	0	22.07	3.00	22.92	<=38.45	Pass
	836.5	1	0	23.64	3.00	24.49	<=38.45	Pass
			7	23.45	3.00	24.30	<=38.45	Pass
			14	23.37	3.00	24.22	<=38.45	Pass
		8	0	22.46	3.00	23.31	<=38.45	Pass
			4	22.48	3.00	23.33	<=38.45	Pass
			7	22.38	3.00	23.23	<=38.45	Pass
		15	0	22.45	3.00	23.30	<=38.45	Pass
	847.5	1	0	23.18	3.00	24.03	<=38.45	Pass
			7	23.05	3.00	23.90	<=38.45	Pass
			14	22.76	3.00	23.61	<=38.45	Pass
		8	0	22.31	3.00	23.16	<=38.45	Pass
			4	22.36	3.00	23.21	<=38.45	Pass
			7	22.30	3.00	23.15	<=38.45	Pass
		15	0	22.34	3.00	23.19	<=38.45	Pass
64QAM	825.5	1	0	21.57	3.00	22.42	<=38.45	Pass
			7	21.31	3.00	22.16	<=38.45	Pass
			14	21.96	3.00	22.81	<=38.45	Pass
		8	0	20.86	3.00	21.71	<=38.45	Pass
			4	20.97	3.00	21.82	<=38.45	Pass
			7	20.88	3.00	21.73	<=38.45	Pass
		15	0	20.92	3.00	21.77	<=38.45	Pass
	836.5	1	0	22.17	3.00	23.02	<=38.45	Pass
			7	22.32	3.00	23.17	<=38.45	Pass

256QAM	847.5	8	14	22.25	3.00	23.10	<=38.45	Pass
			0	21.32	3.00	22.17	<=38.45	Pass
			4	21.17	3.00	22.02	<=38.45	Pass
			7	21.27	3.00	22.12	<=38.45	Pass
		15	0	21.27	3.00	22.12	<=38.45	Pass
		1	0	22.28	3.00	23.13	<=38.45	Pass
			7	22.31	3.00	23.16	<=38.45	Pass
			14	22.09	3.00	22.94	<=38.45	Pass
		8	0	21.20	3.00	22.05	<=38.45	Pass
			4	21.25	3.00	22.10	<=38.45	Pass
			7	21.17	3.00	22.02	<=38.45	Pass
		15	0	21.26	3.00	22.11	<=38.45	Pass
256QAM	825.5	1	0	18.98	3.00	19.83	<=38.45	Pass
			7	18.86	3.00	19.71	<=38.45	Pass
			14	18.71	3.00	19.56	<=38.45	Pass
			0	18.60	3.00	19.45	<=38.45	Pass
		8	4	18.97	3.00	19.82	<=38.45	Pass
			7	18.96	3.00	19.81	<=38.45	Pass
			0	18.94	3.00	19.79	<=38.45	Pass
		15	0	18.94	3.00	19.79	<=38.45	Pass
	836.5	1	0	19.22	3.00	20.07	<=38.45	Pass
			7	19.69	3.00	20.54	<=38.45	Pass
			14	19.16	3.00	20.01	<=38.45	Pass
			0	19.14	3.00	19.99	<=38.45	Pass
		8	4	19.22	3.00	20.07	<=38.45	Pass
			7	19.25	3.00	20.10	<=38.45	Pass
			0	19.26	3.00	20.11	<=38.45	Pass
		15	0	19.26	3.00	20.11	<=38.45	Pass
	847.5	1	0	19.32	3.00	20.17	<=38.45	Pass
			7	19.52	3.00	20.37	<=38.45	Pass
			14	19.20	3.00	20.05	<=38.45	Pass
			0	19.28	3.00	20.13	<=38.45	Pass
		8	4	19.20	3.00	20.05	<=38.45	Pass
			7	19.19	3.00	20.04	<=38.45	Pass
			0	19.19	3.00	20.04	<=38.45	Pass
		15	0	19.19	3.00	20.04	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	24.02	3.00	24.87	<=38.45	Pass
			13	23.71	3.00	24.56	<=38.45	Pass
			24	24.14	3.00	24.99	<=38.45	Pass
		12	0	22.95	3.00	23.80	<=38.45	Pass
			6	23.14	3.00	23.99	<=38.45	Pass
			13	23.12	3.00	23.97	<=38.45	Pass
		25	0	23.15	3.00	24.00	<=38.45	Pass
	836.5	1	0	24.34	3.00	25.19	<=38.45	Pass
			13	24.47	3.00	25.32	<=38.45	Pass
			24	24.21	3.00	25.06	<=38.45	Pass
		12	0	23.43	3.00	24.28	<=38.45	Pass
			6	23.44	3.00	24.29	<=38.45	Pass
			13	23.47	3.00	24.32	<=38.45	Pass
		25	0	23.33	3.00	24.18	<=38.45	Pass

	846.5	1	0	24.30	3.00	25.15	<=38.45	Pass
			13	24.28	3.00	25.13	<=38.45	Pass
			24	24.30	3.00	25.15	<=38.45	Pass
		12	0	23.45	3.00	24.30	<=38.45	Pass
			6	23.45	3.00	24.30	<=38.45	Pass
			13	23.32	3.00	24.17	<=38.45	Pass
		25	0	23.39	3.00	24.24	<=38.45	Pass
16QAM	826.5	1	0	22.00	3.00	22.85	<=38.45	Pass
			13	23.60	3.00	24.45	<=38.45	Pass
			24	22.97	3.00	23.82	<=38.45	Pass
		12	0	22.07	3.00	22.92	<=38.45	Pass
			6	22.18	3.00	23.03	<=38.45	Pass
			13	22.07	3.00	22.92	<=38.45	Pass
		25	0	22.03	3.00	22.88	<=38.45	Pass
	836.5	1	0	22.64	3.00	23.49	<=38.45	Pass
			13	23.58	3.00	24.43	<=38.45	Pass
			24	23.80	3.00	24.65	<=38.45	Pass
		12	0	22.30	3.00	23.15	<=38.45	Pass
			6	22.45	3.00	23.30	<=38.45	Pass
			13	22.47	3.00	23.32	<=38.45	Pass
		25	0	22.38	3.00	23.23	<=38.45	Pass
	846.5	1	0	23.31	3.00	24.16	<=38.45	Pass
			13	23.51	3.00	24.36	<=38.45	Pass
			24	23.39	3.00	24.24	<=38.45	Pass
		12	0	22.36	3.00	23.21	<=38.45	Pass
			6	22.40	3.00	23.25	<=38.45	Pass
			13	22.39	3.00	23.24	<=38.45	Pass
		25	0	22.21	3.00	23.06	<=38.45	Pass
64QAM	826.5	1	0	21.61	3.00	22.46	<=38.45	Pass
			13	21.78	3.00	22.63	<=38.45	Pass
			24	22.00	3.00	22.85	<=38.45	Pass
		12	0	20.86	3.00	21.71	<=38.45	Pass
			6	20.97	3.00	21.82	<=38.45	Pass
			13	20.98	3.00	21.83	<=38.45	Pass
		25	0	20.91	3.00	21.76	<=38.45	Pass
	836.5	1	0	22.00	3.00	22.85	<=38.45	Pass
			13	22.41	3.00	23.26	<=38.45	Pass
			24	22.27	3.00	23.12	<=38.45	Pass
		12	0	21.23	3.00	22.08	<=38.45	Pass
			6	21.37	3.00	22.22	<=38.45	Pass
			13	21.34	3.00	22.19	<=38.45	Pass
		25	0	21.23	3.00	22.08	<=38.45	Pass
	846.5	1	0	21.54	3.00	22.39	<=38.45	Pass
			13	21.53	3.00	22.38	<=38.45	Pass
			24	22.13	3.00	22.98	<=38.45	Pass
		12	0	21.13	3.00	21.98	<=38.45	Pass
			6	21.26	3.00	22.11	<=38.45	Pass
			13	21.23	3.00	22.08	<=38.45	Pass
		25	0	21.23	3.00	22.08	<=38.45	Pass
256QAM	826.5	1	0	18.75	3.00	19.60	<=38.45	Pass
			13	18.99	3.00	19.84	<=38.45	Pass
			24	19.07	3.00	19.92	<=38.45	Pass
		12	0	18.81	3.00	19.66	<=38.45	Pass
			6	19.00	3.00	19.85	<=38.45	Pass
			13	19.01	3.00	19.86	<=38.45	Pass
		25	0	18.95	3.00	19.80	<=38.45	Pass

	836.5	1	0	19.14	3.00	19.99	<=38.45	Pass
			13	18.70	3.00	19.55	<=38.45	Pass
			24	19.25	3.00	20.10	<=38.45	Pass
		12	0	19.16	3.00	20.01	<=38.45	Pass
			6	19.29	3.00	20.14	<=38.45	Pass
			13	19.33	3.00	20.18	<=38.45	Pass
		25	0	19.29	3.00	20.14	<=38.45	Pass
	846.5	1	0	19.27	3.00	20.12	<=38.45	Pass
			13	19.13	3.00	19.98	<=38.45	Pass
			24	19.09	3.00	19.94	<=38.45	Pass
		12	0	19.25	3.00	20.10	<=38.45	Pass
			6	19.20	3.00	20.05	<=38.45	Pass
			13	19.24	3.00	20.09	<=38.45	Pass
		25	0	19.26	3.00	20.11	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.12	3.00	24.97	<=38.45	Pass
			25	24.21	3.00	25.06	<=38.45	Pass
			49	24.20	3.00	25.05	<=38.45	Pass
		25	0	23.06	3.00	23.91	<=38.45	Pass
			13	23.22	3.00	24.07	<=38.45	Pass
			25	23.28	3.00	24.13	<=38.45	Pass
		50	0	23.19	3.00	24.04	<=38.45	Pass
	836.5	1	0	24.26	3.00	25.11	<=38.45	Pass
			25	24.47	3.00	25.32	<=38.45	Pass
			49	24.46	3.00	25.31	<=38.45	Pass
		25	0	23.36	3.00	24.21	<=38.45	Pass
			13	23.44	3.00	24.29	<=38.45	Pass
			25	23.44	3.00	24.29	<=38.45	Pass
		50	0	23.41	3.00	24.26	<=38.45	Pass
	844	1	0	24.26	3.00	25.11	<=38.45	Pass
			25	24.38	3.00	25.23	<=38.45	Pass
			49	24.23	3.00	25.08	<=38.45	Pass
		25	0	23.36	3.00	24.21	<=38.45	Pass
			13	23.37	3.00	24.22	<=38.45	Pass
			25	23.50	3.00	24.35	<=38.45	Pass
		50	0	23.26	3.00	24.11	<=38.45	Pass
16QAM	829	1	0	23.39	3.00	24.24	<=38.45	Pass
			25	23.21	3.00	24.06	<=38.45	Pass
			49	23.26	3.00	24.11	<=38.45	Pass
		25	0	22.09	3.00	22.94	<=38.45	Pass
			13	22.21	3.00	23.06	<=38.45	Pass
			25	22.31	3.00	23.16	<=38.45	Pass
		50	0	22.18	3.00	23.03	<=38.45	Pass
	836.5	1	0	23.26	3.00	24.11	<=38.45	Pass
			25	22.84	3.00	23.69	<=38.45	Pass
			49	23.42	3.00	24.27	<=38.45	Pass
		25	0	22.33	3.00	23.18	<=38.45	Pass
			13	22.47	3.00	23.32	<=38.45	Pass

			25	22.41	3.00	23.26	<=38.45	Pass
		50	0	22.41	3.00	23.26	<=38.45	Pass
	844	1	0	23.66	3.00	24.51	<=38.45	Pass
			25	22.86	3.00	23.71	<=38.45	Pass
			49	23.31	3.00	24.16	<=38.45	Pass
		25	0	22.24	3.00	23.09	<=38.45	Pass
			13	22.37	3.00	23.22	<=38.45	Pass
			25	22.27	3.00	23.12	<=38.45	Pass
		50	0	22.26	3.00	23.11	<=38.45	Pass
64QAM	829	1	0	21.84	3.00	22.69	<=38.45	Pass
			25	21.89	3.00	22.74	<=38.45	Pass
			49	21.94	3.00	22.79	<=38.45	Pass
		25	0	20.93	3.00	21.78	<=38.45	Pass
			13	21.13	3.00	21.98	<=38.45	Pass
			25	21.09	3.00	21.94	<=38.45	Pass
		50	0	21.06	3.00	21.91	<=38.45	Pass
	836.5	1	0	21.88	3.00	22.73	<=38.45	Pass
			25	22.03	3.00	22.88	<=38.45	Pass
			49	22.34	3.00	23.19	<=38.45	Pass
		25	0	21.22	3.00	22.07	<=38.45	Pass
			13	21.23	3.00	22.08	<=38.45	Pass
			25	21.33	3.00	22.18	<=38.45	Pass
		50	0	21.23	3.00	22.08	<=38.45	Pass
	844	1	0	22.07	3.00	22.92	<=38.45	Pass
			25	22.22	3.00	23.07	<=38.45	Pass
			49	21.52	3.00	22.37	<=38.45	Pass
		25	0	21.26	3.00	22.11	<=38.45	Pass
			13	21.30	3.00	22.15	<=38.45	Pass
			25	21.22	3.00	22.07	<=38.45	Pass
		50	0	21.14	3.00	21.99	<=38.45	Pass
256QAM	829	1	0	18.77	3.00	19.62	<=38.45	Pass
			25	18.99	3.00	19.84	<=38.45	Pass
			49	19.39	3.00	20.24	<=38.45	Pass
		25	0	18.98	3.00	19.83	<=38.45	Pass
			13	19.09	3.00	19.94	<=38.45	Pass
			25	19.12	3.00	19.97	<=38.45	Pass
		50	0	19.04	3.00	19.89	<=38.45	Pass
	836.5	1	0	19.05	3.00	19.90	<=38.45	Pass
			25	19.11	3.00	19.96	<=38.45	Pass
			49	19.77	3.00	20.62	<=38.45	Pass
		25	0	18.94	3.00	19.79	<=38.45	Pass
			13	19.29	3.00	20.14	<=38.45	Pass
			25	19.36	3.00	20.21	<=38.45	Pass
		50	0	19.22	3.00	20.07	<=38.45	Pass
	844	1	0	19.15	3.00	20.00	<=38.45	Pass
			25	19.51	3.00	20.36	<=38.45	Pass
			49	19.20	3.00	20.05	<=38.45	Pass
		25	0	19.24	3.00	20.09	<=38.45	Pass
			13	19.22	3.00	20.07	<=38.45	Pass
			25	19.22	3.00	20.07	<=38.45	Pass
		50	0	19.19	3.00	20.04	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	LV	-0.200	-0.0002	-2.5 to 2.5	Pass
					NV	2.100	0.0025	-2.5 to 2.5	Pass
					HV	-1.000	-0.0012	-2.5 to 2.5	Pass
				0	NV	0.300	0.0004	-2.5 to 2.5	Pass
				10	NV	0.000	0.0000	-2.5 to 2.5	Pass
				30	NV	1.800	0.0022	-2.5 to 2.5	Pass
				40	NV	1.700	0.0020	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

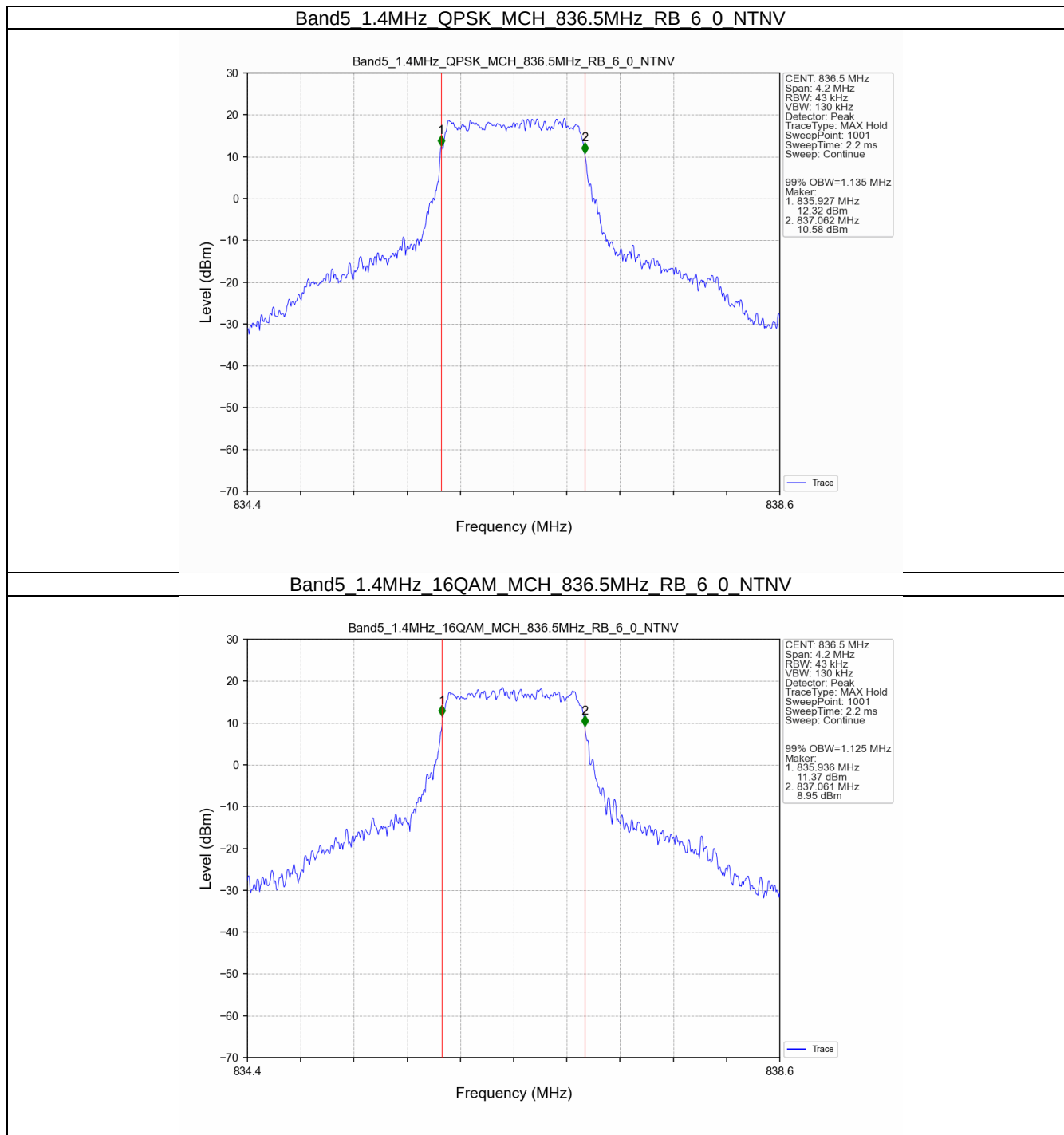
Band: 5 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.135	/	Pass
	16QAM	836.5	6	0	1.125	/	Pass
	64QAM	836.5	6	0	1.124	/	Pass
	256QAM	836.5	6	0	1.120	/	Pass
3	QPSK	836.5	15	0	2.735	/	Pass
	16QAM	836.5	15	0	2.752	/	Pass
	64QAM	836.5	15	0	2.740	/	Pass
	256QAM	836.5	15	0	2.743	/	Pass
5	QPSK	836.5	25	0	4.569	/	Pass
	16QAM	836.5	25	0	4.560	/	Pass
	64QAM	836.5	25	0	4.568	/	Pass
	256QAM	836.5	25	0	4.562	/	Pass
10	QPSK	836.5	50	0	9.076	/	Pass
	16QAM	836.5	50	0	9.079	/	Pass
	64QAM	836.5	50	0	9.044	/	Pass
	256QAM	836.5	50	0	9.073	/	Pass

3.1.2 Band5_XDB

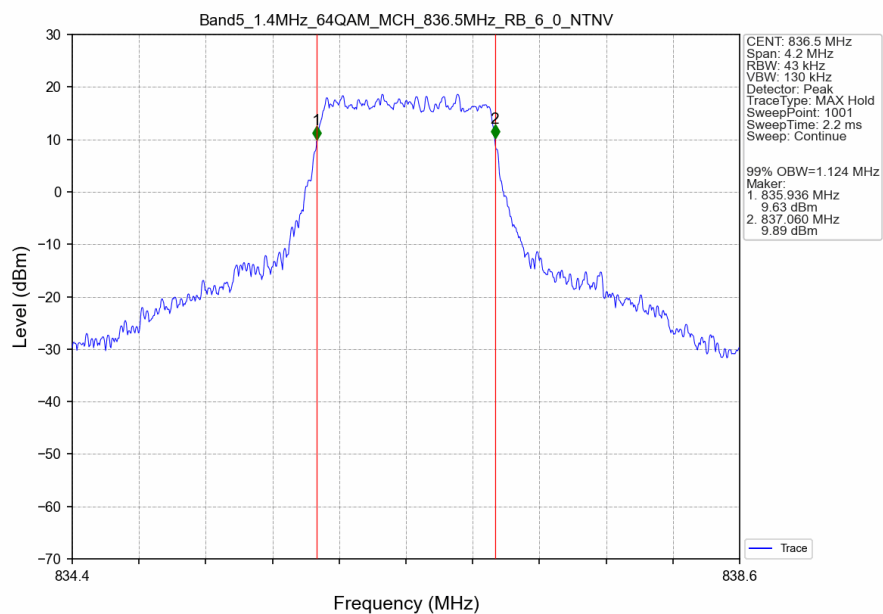
Band: 5 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.393	/	Pass
	16QAM	836.5	6	0	1.441	/	Pass
	64QAM	836.5	6	0	1.420	/	Pass
	256QAM	836.5	6	0	1.392	/	Pass
3	QPSK	836.5	15	0	3.110	/	Pass
	16QAM	836.5	15	0	3.108	/	Pass
	64QAM	836.5	15	0	3.115	/	Pass
	256QAM	836.5	15	0	3.090	/	Pass
5	QPSK	836.5	25	0	5.264	/	Pass
	16QAM	836.5	25	0	5.226	/	Pass
	64QAM	836.5	25	0	5.216	/	Pass
	256QAM	836.5	25	0	5.193	/	Pass
10	QPSK	836.5	50	0	10.123	/	Pass
	16QAM	836.5	50	0	10.228	/	Pass
	64QAM	836.5	50	0	10.129	/	Pass
	256QAM	836.5	50	0	10.099	/	Pass

3.2 Test Graph

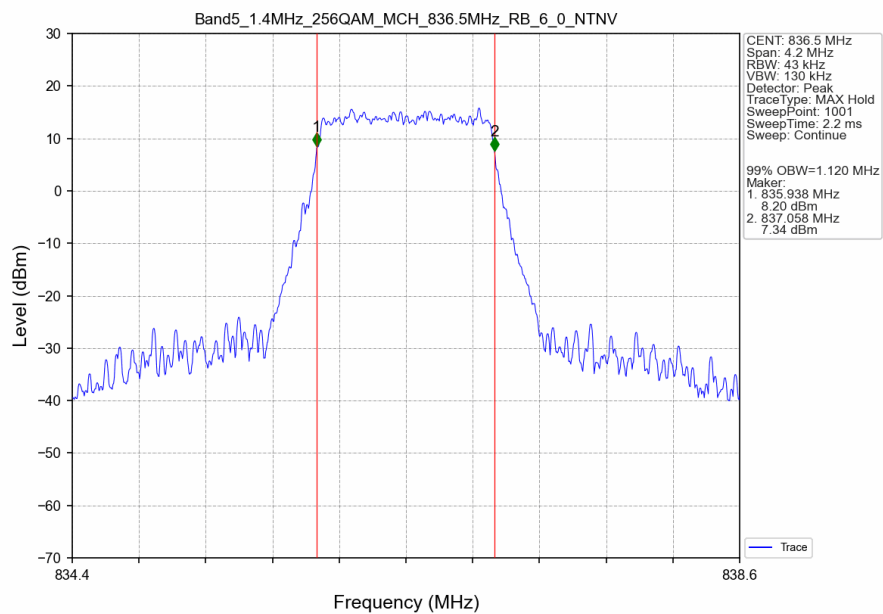
3.2.1 Band5_OBW



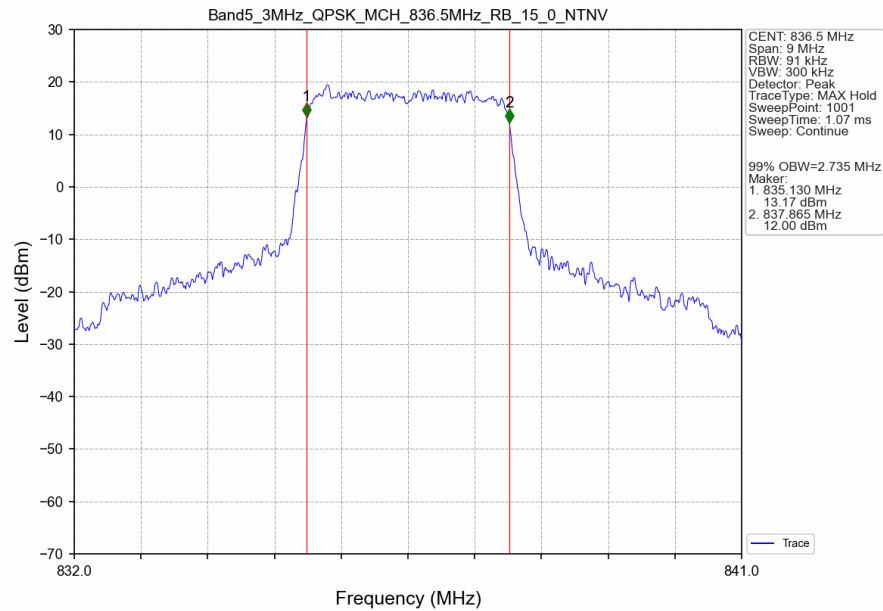
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



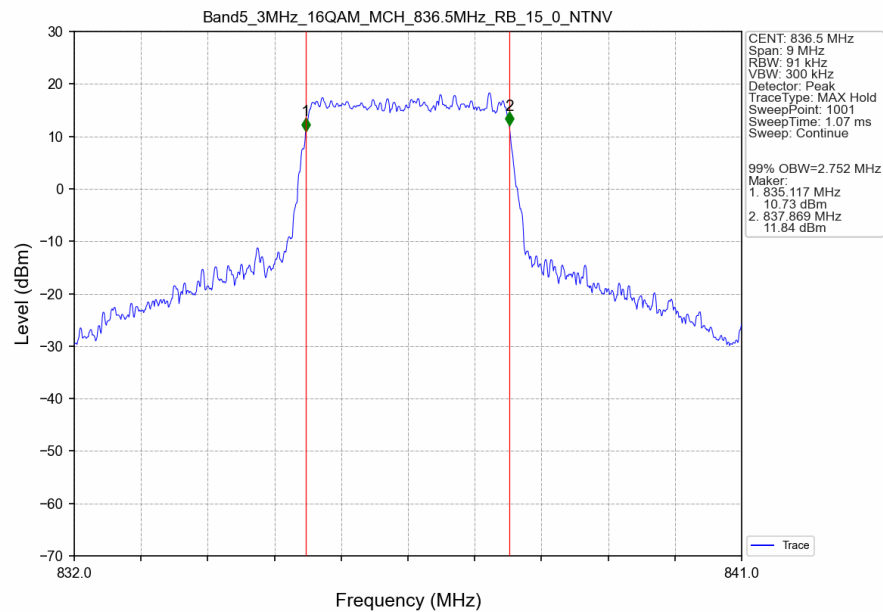
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



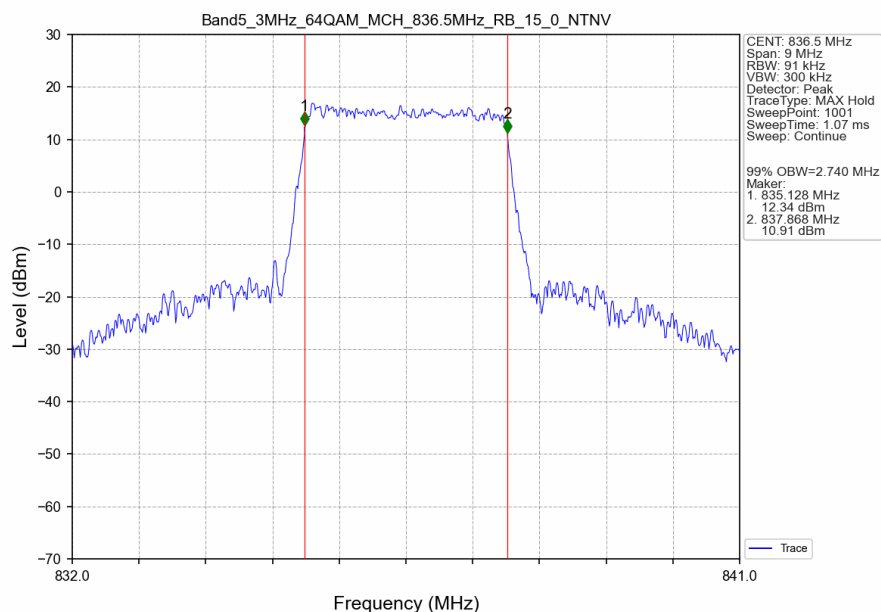
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



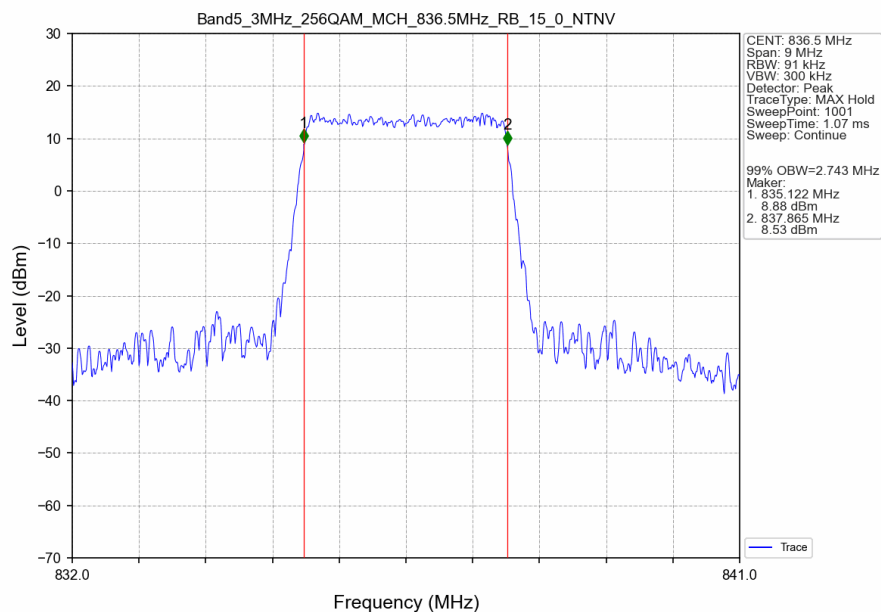
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



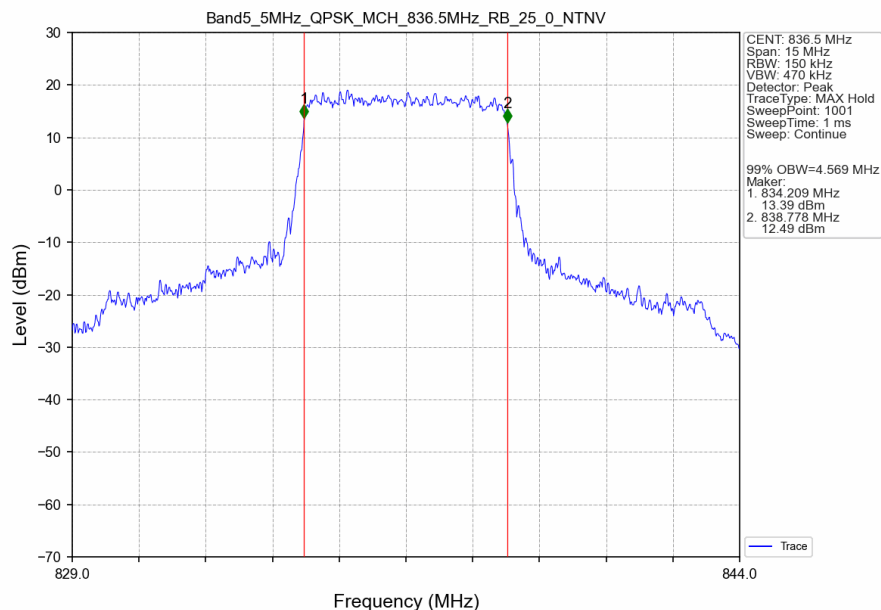
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



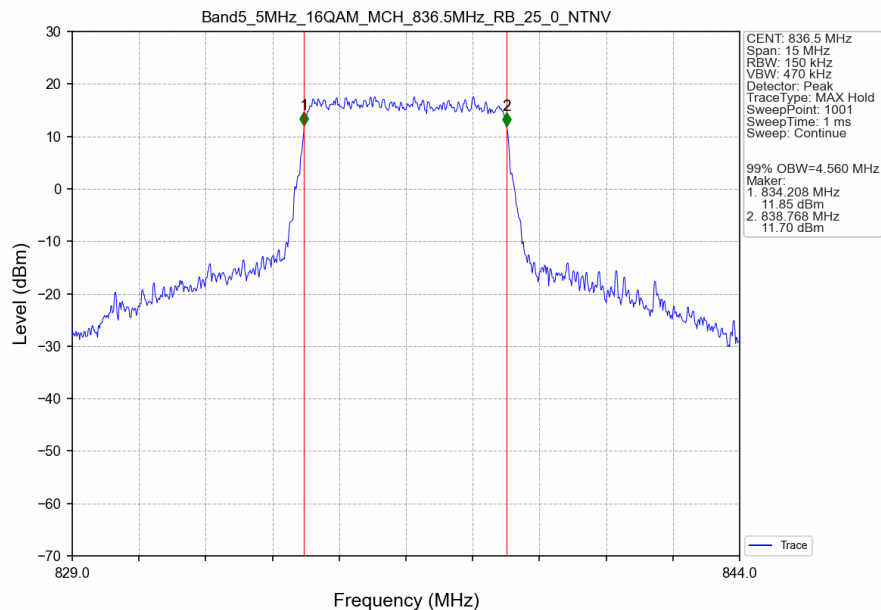
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



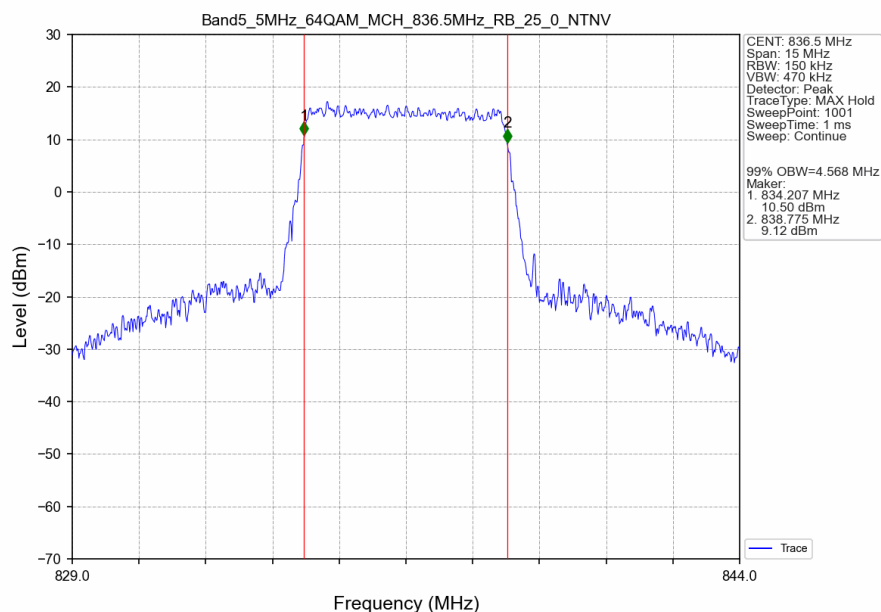
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



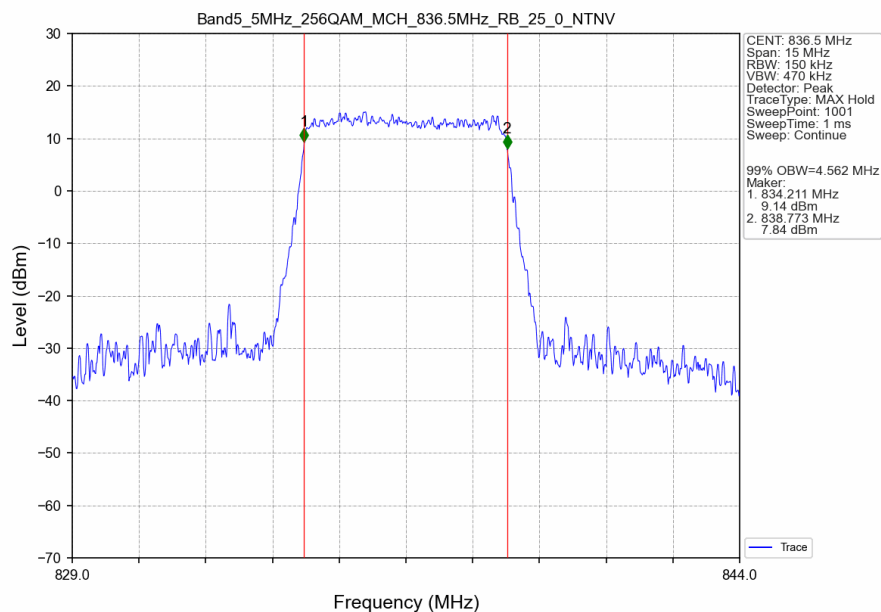
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



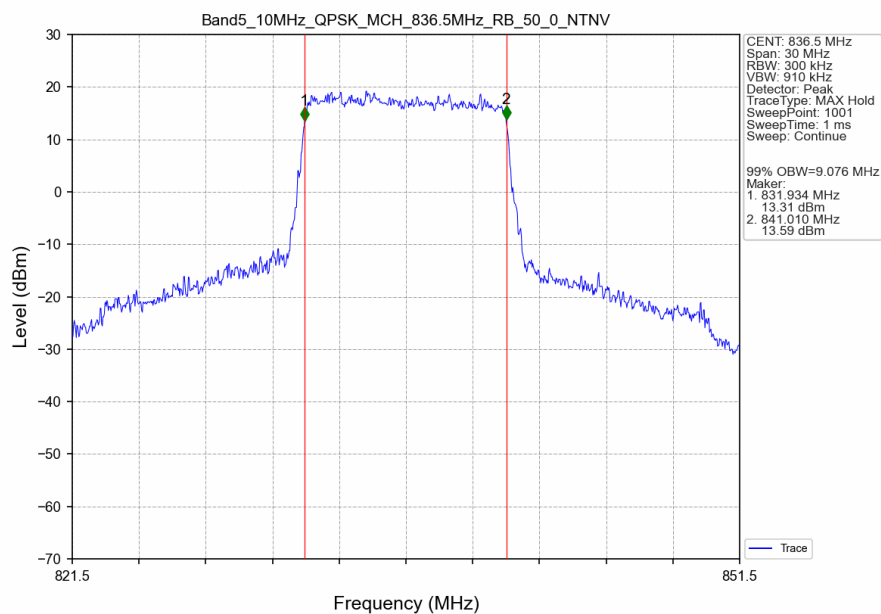
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



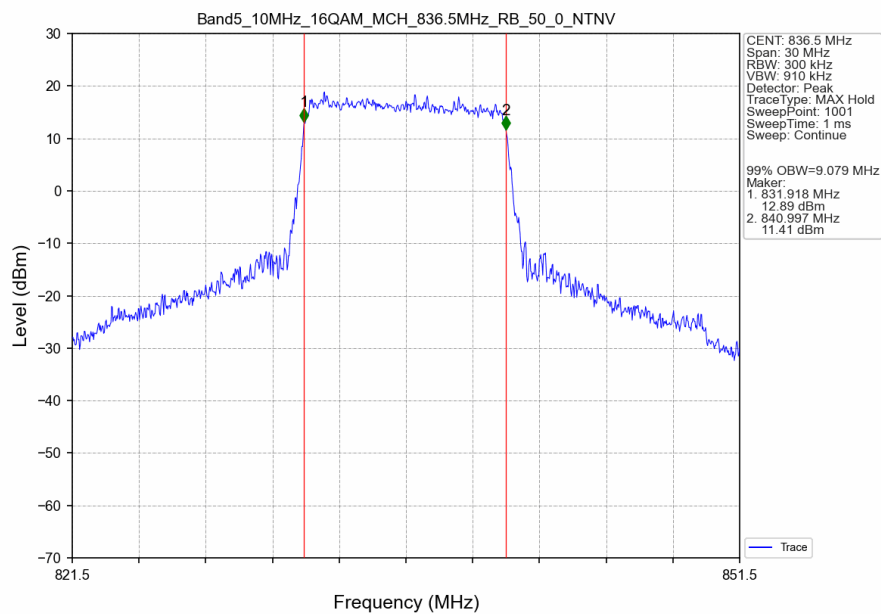
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



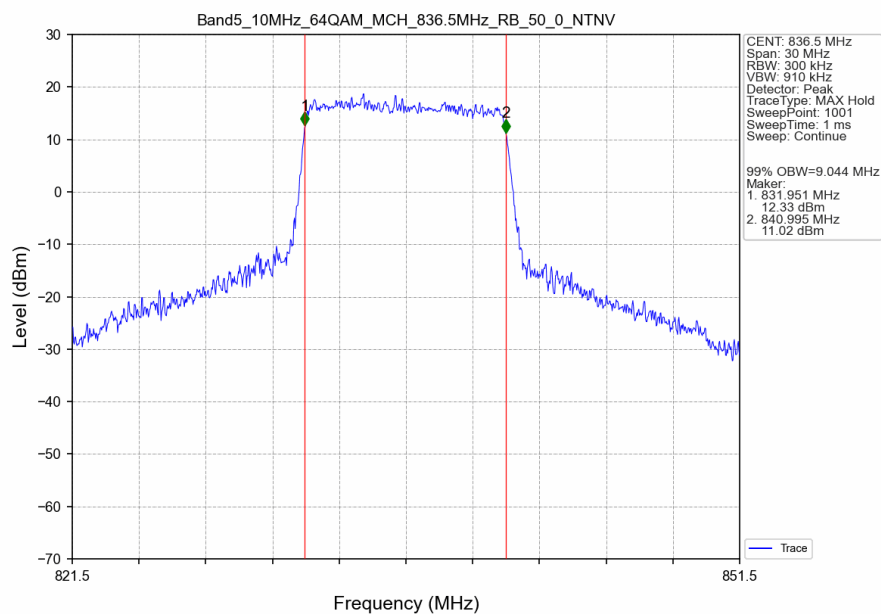
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



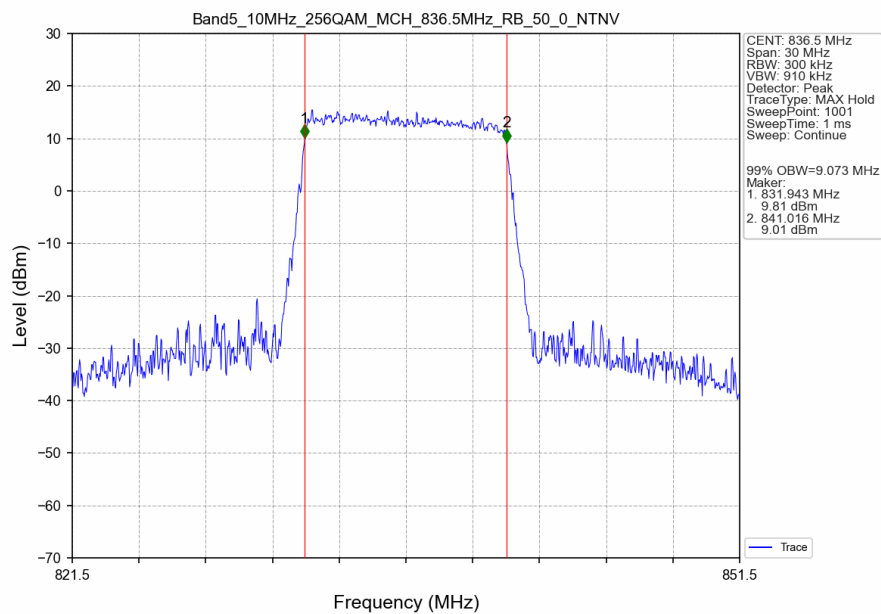
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



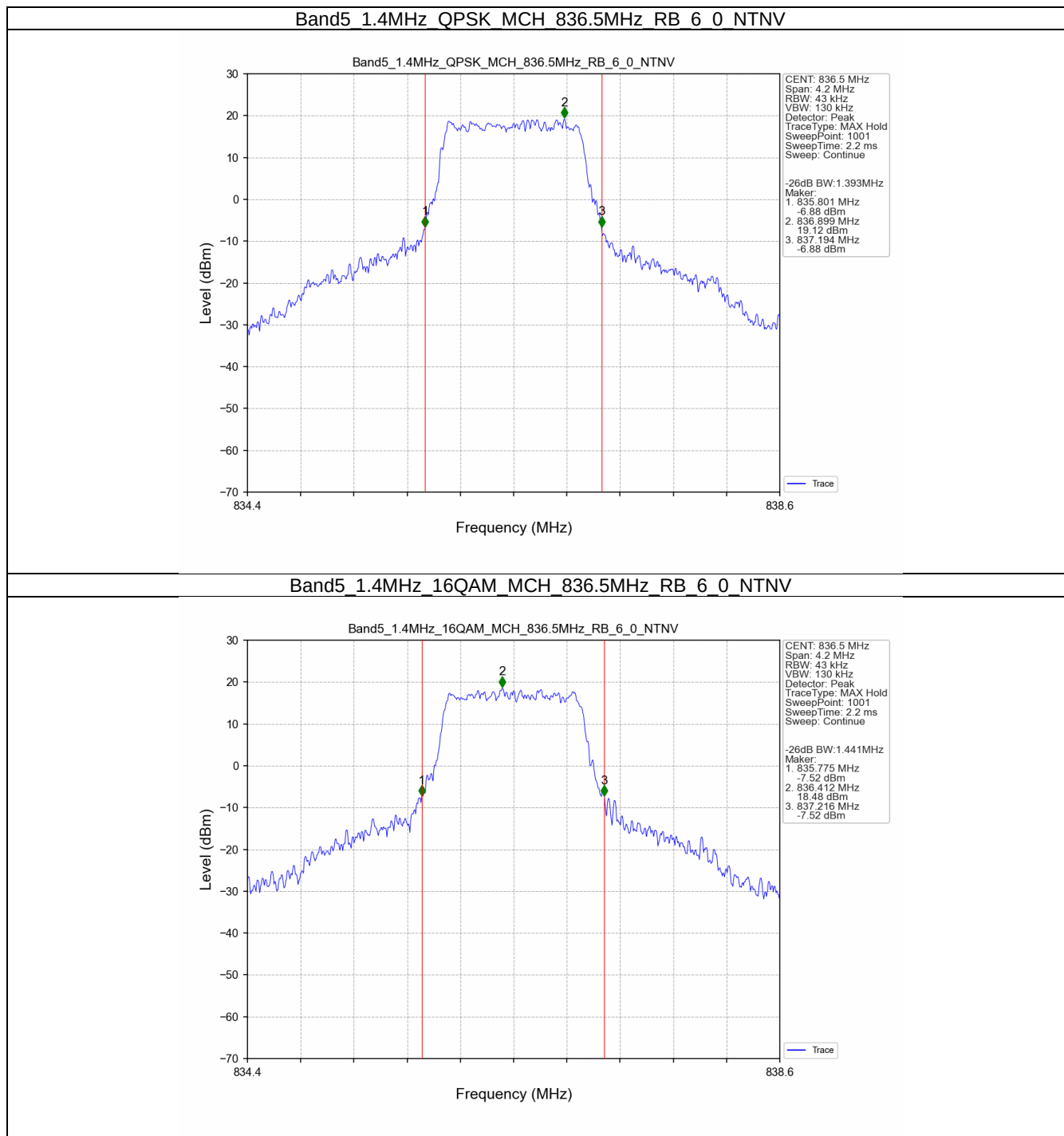
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



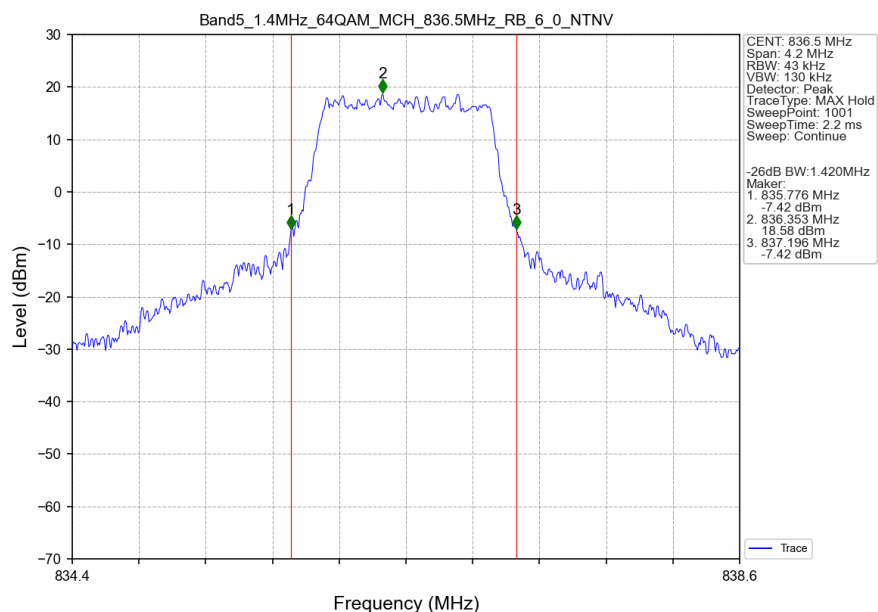
Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



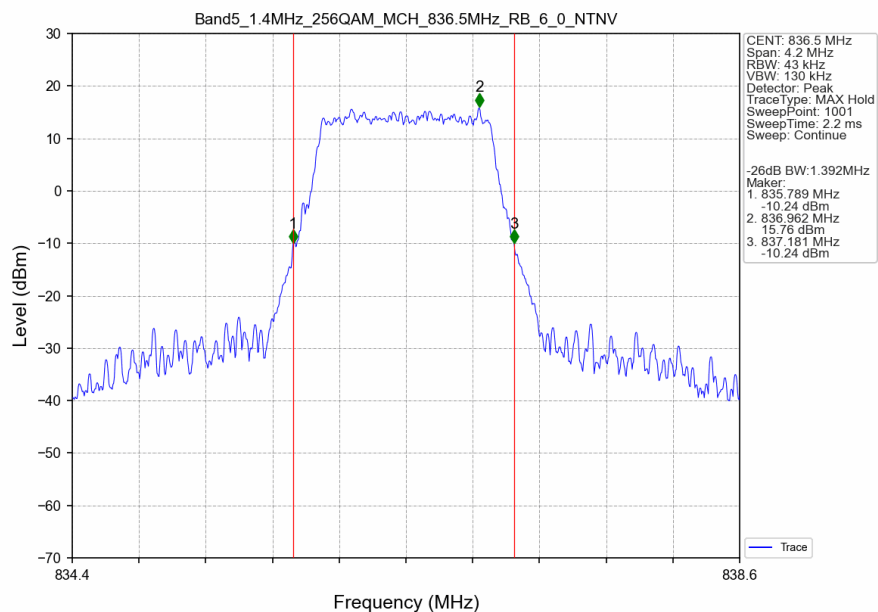
3.2.2 Band5_XDB



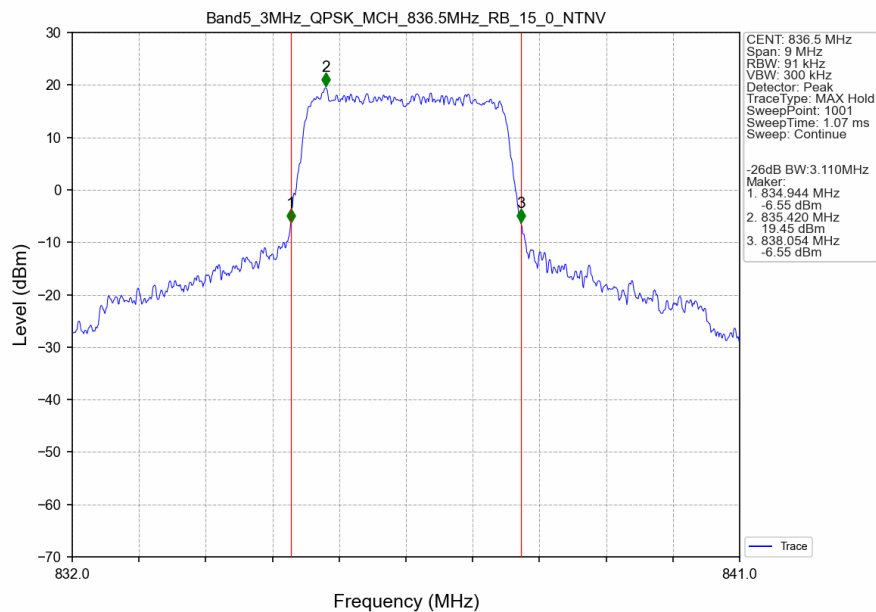
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



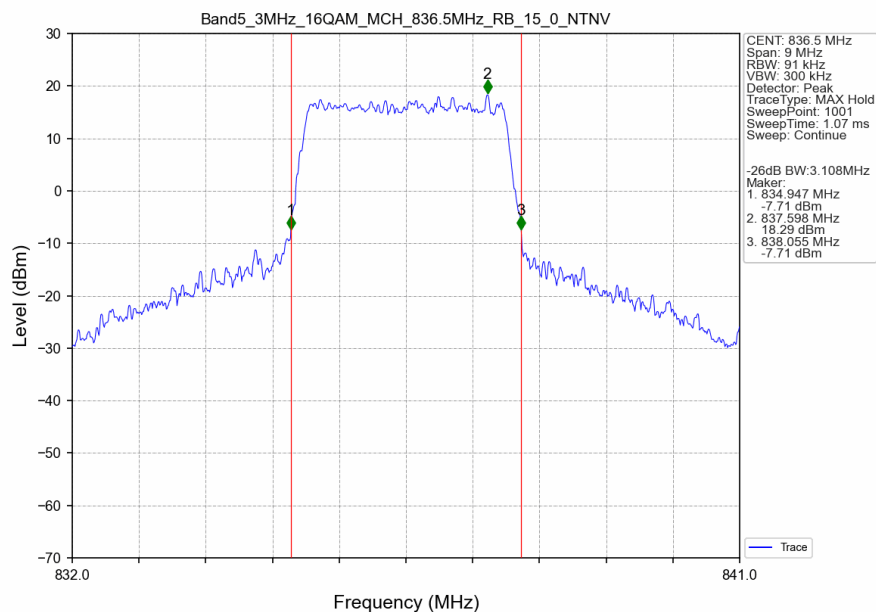
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



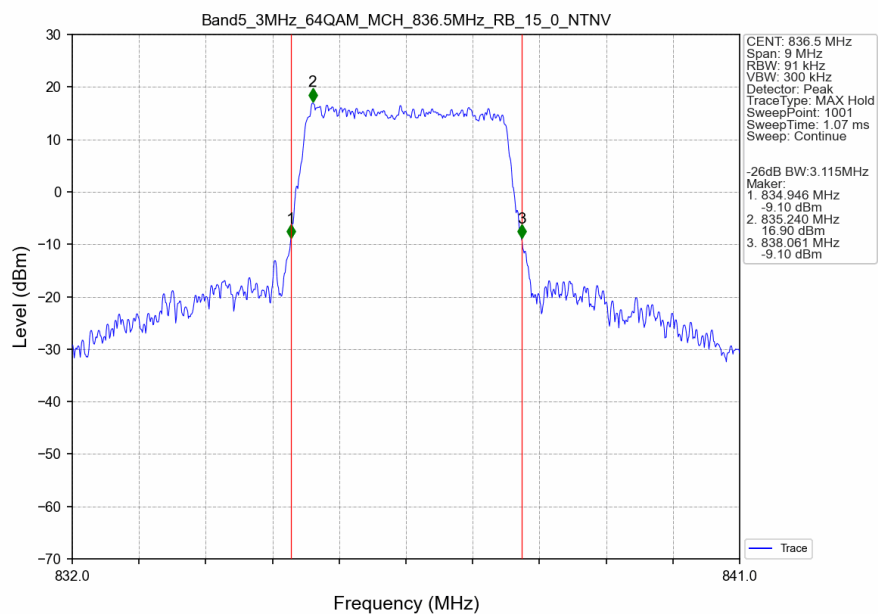
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



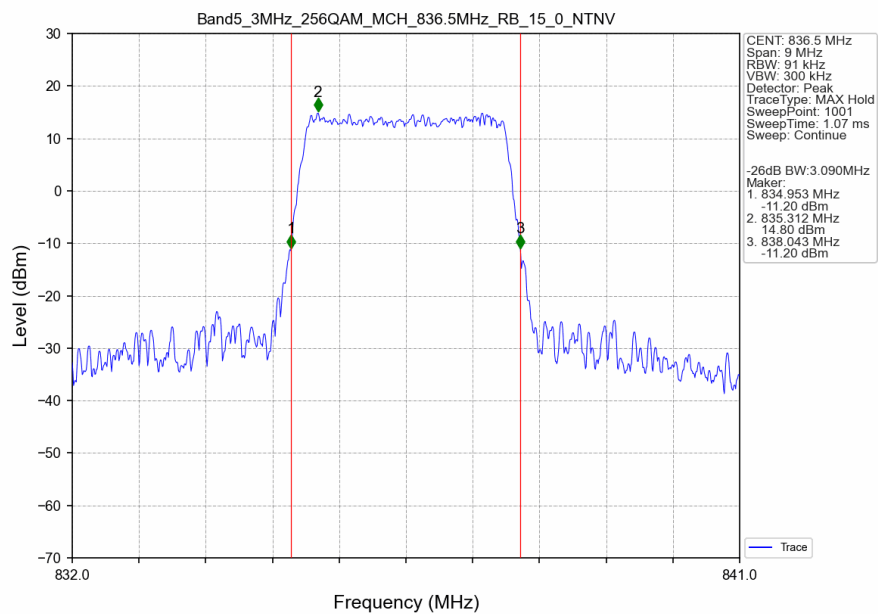
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



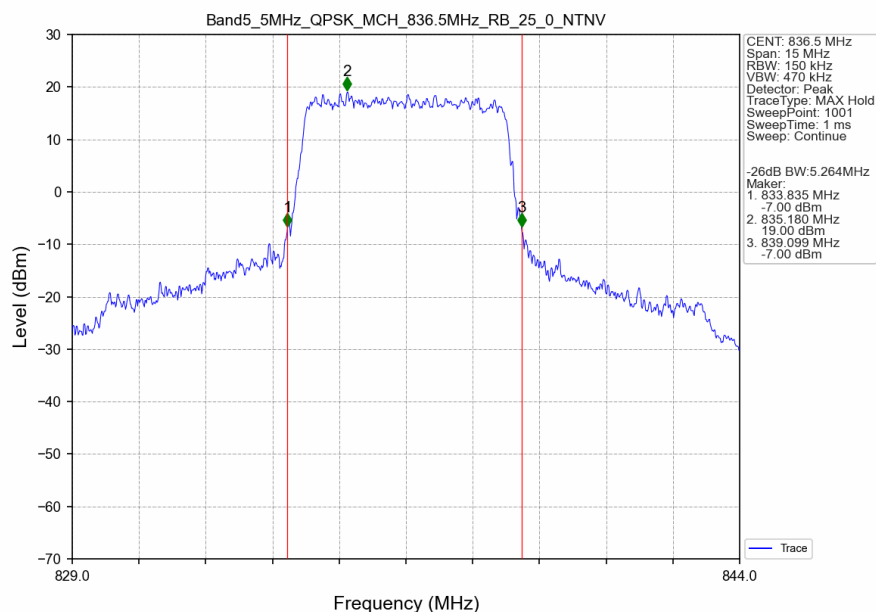
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



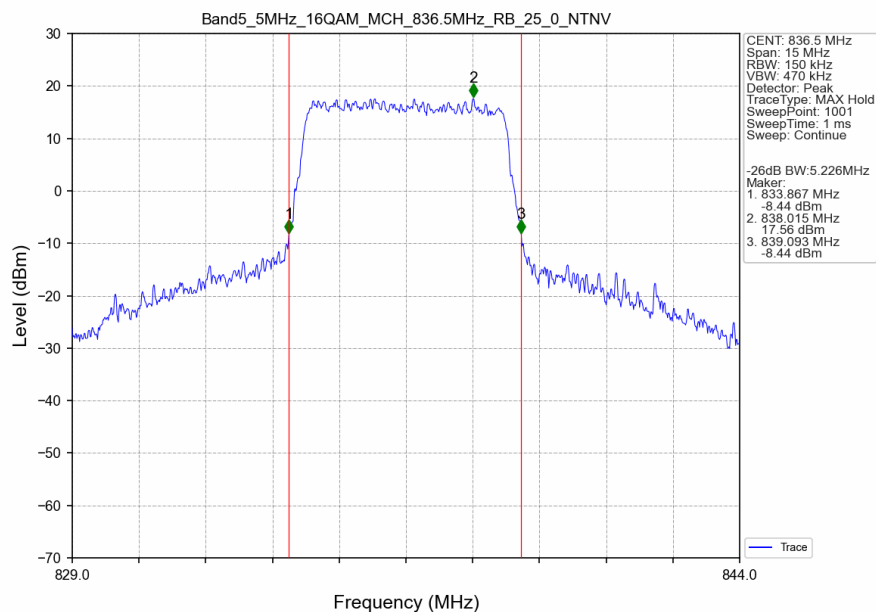
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



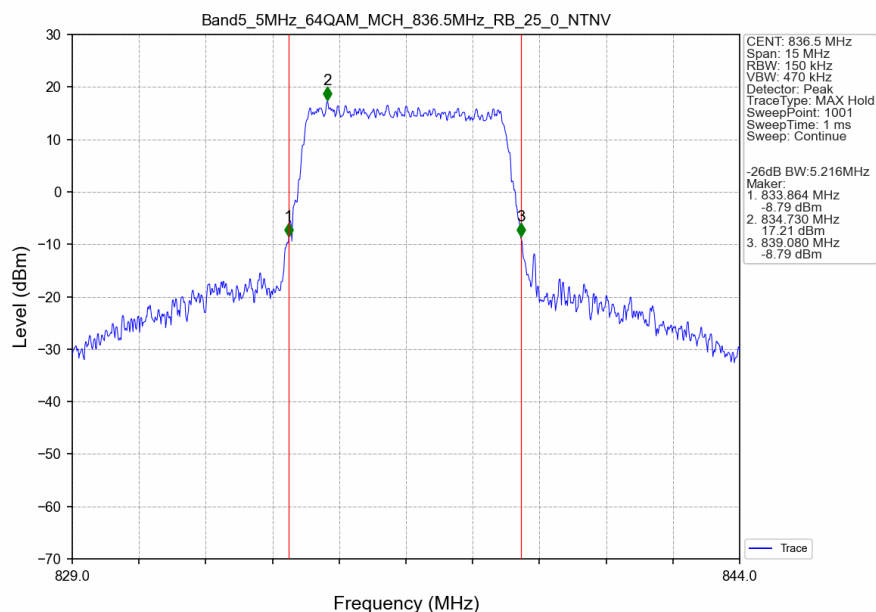
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



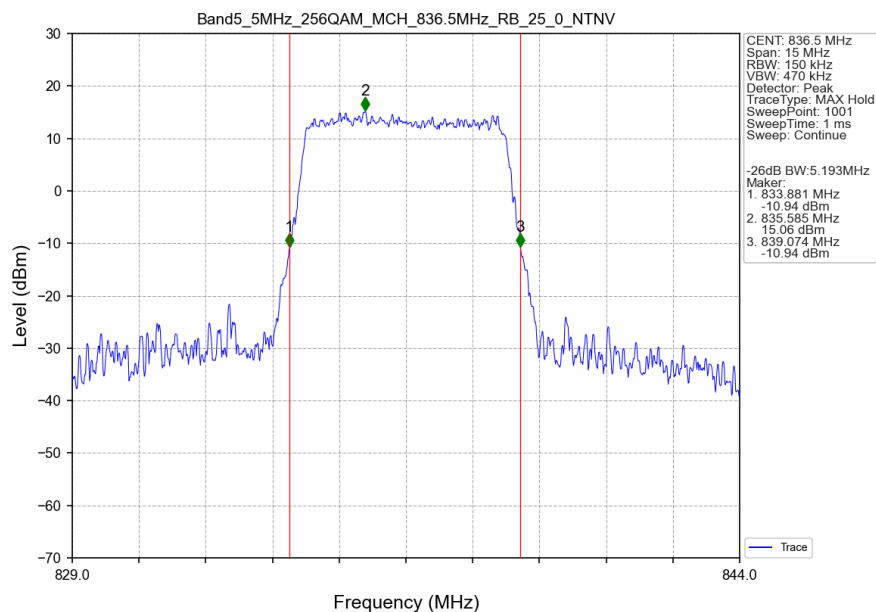
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



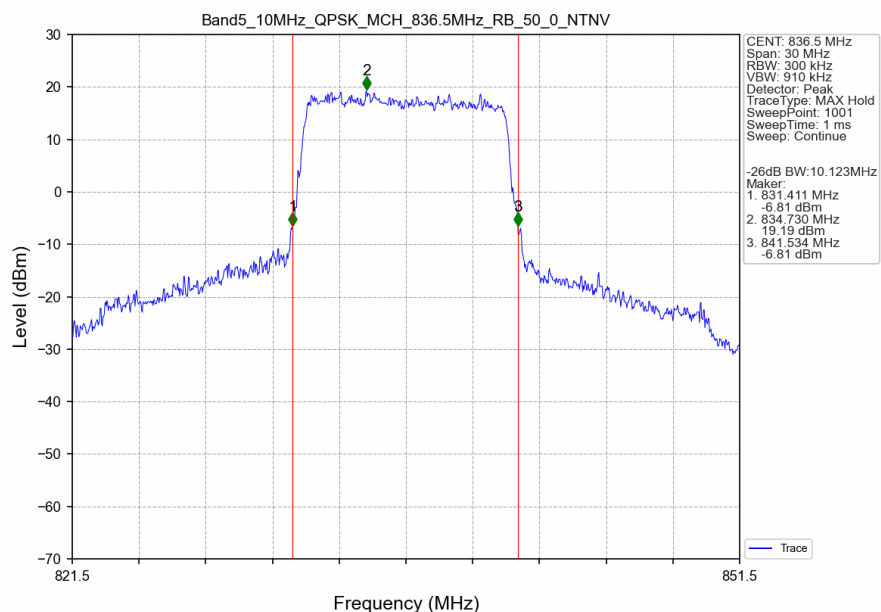
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



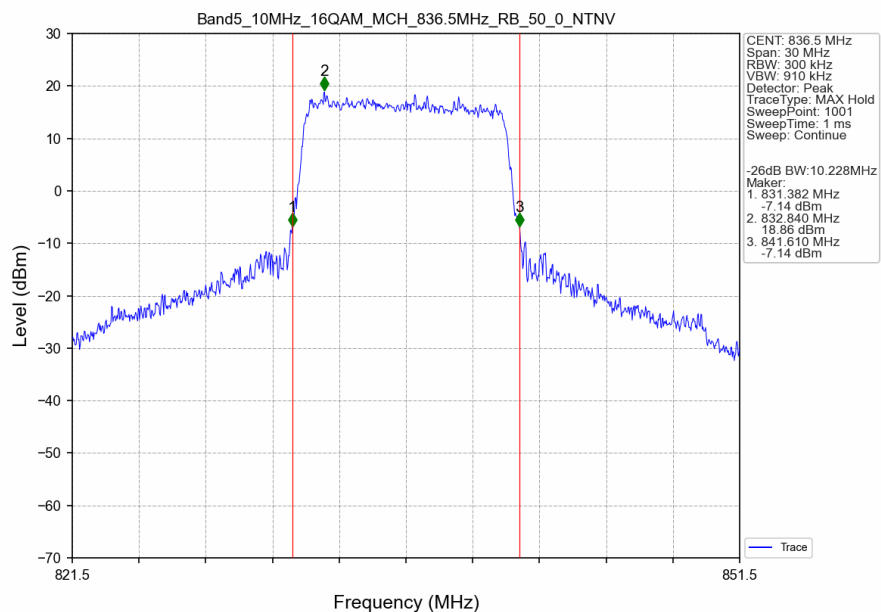
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



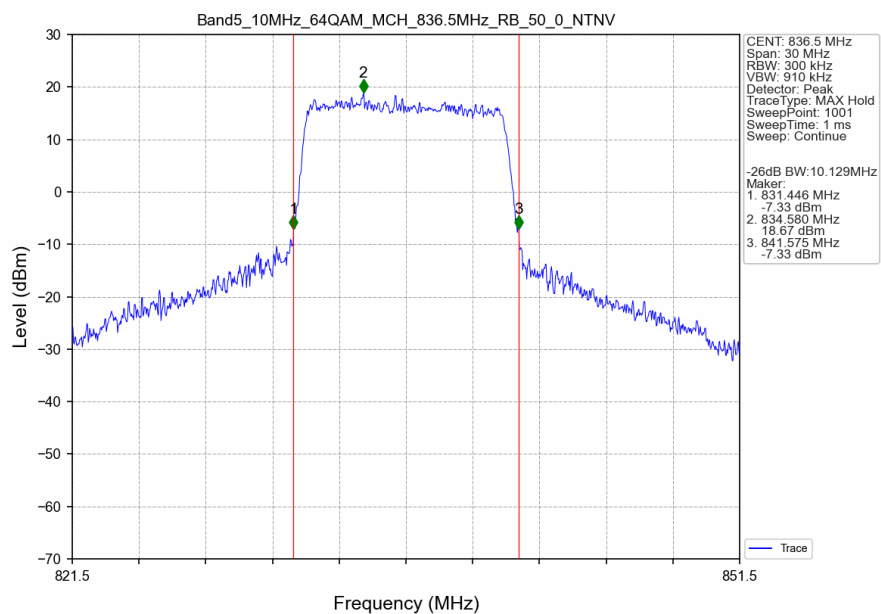
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



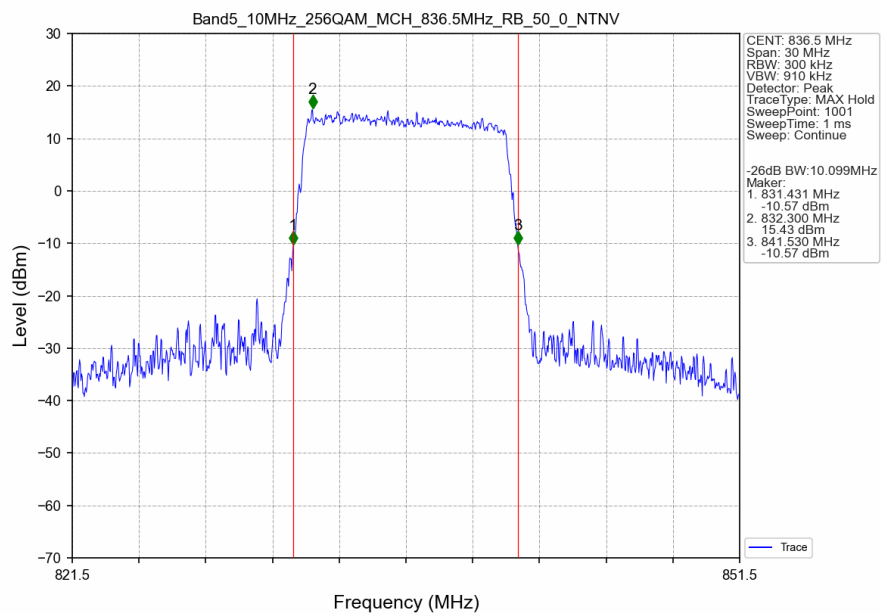
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV





4. Peak-Average Ratio

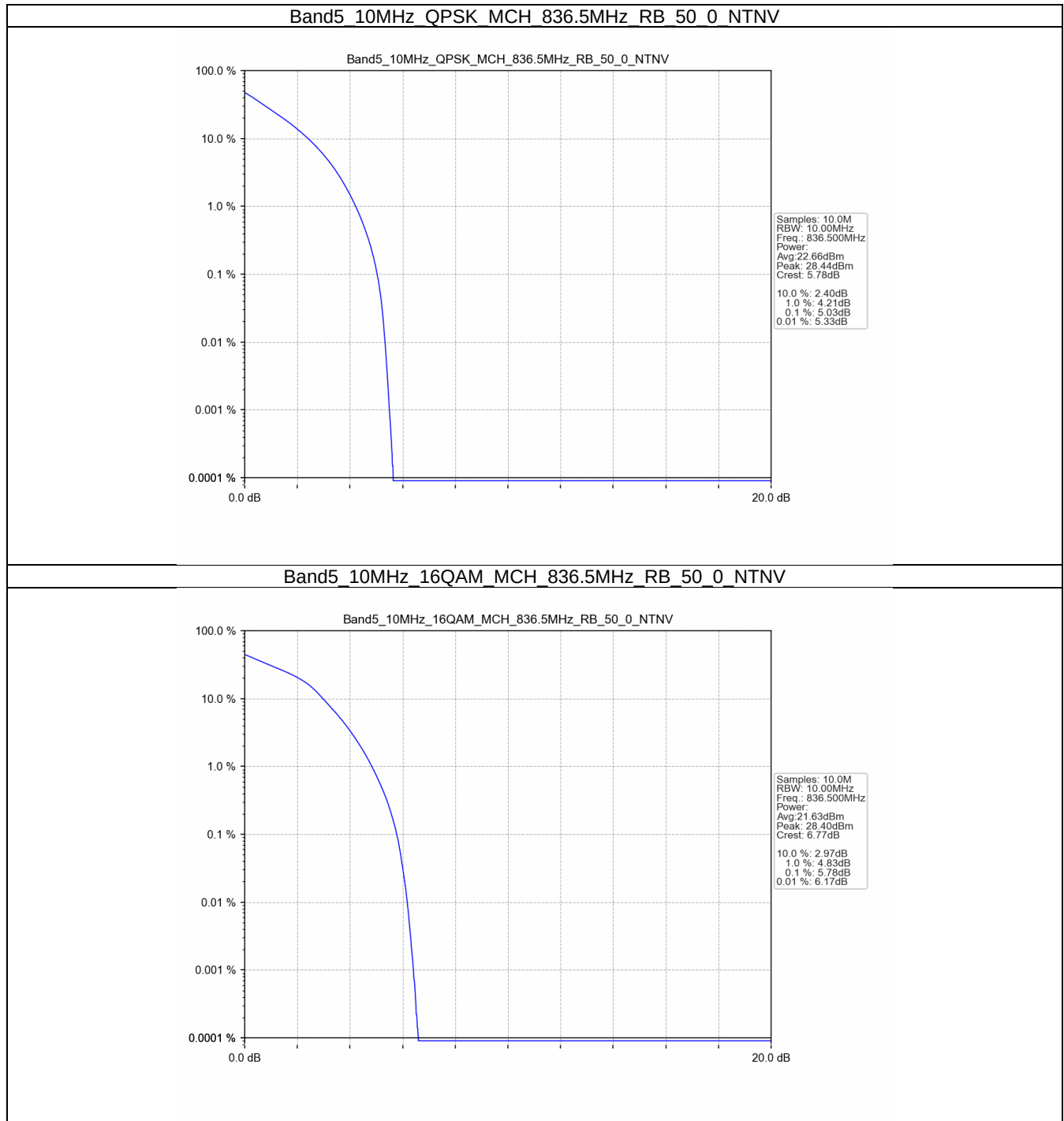
4.1 Test Result

4.1.1 B5_10MHz

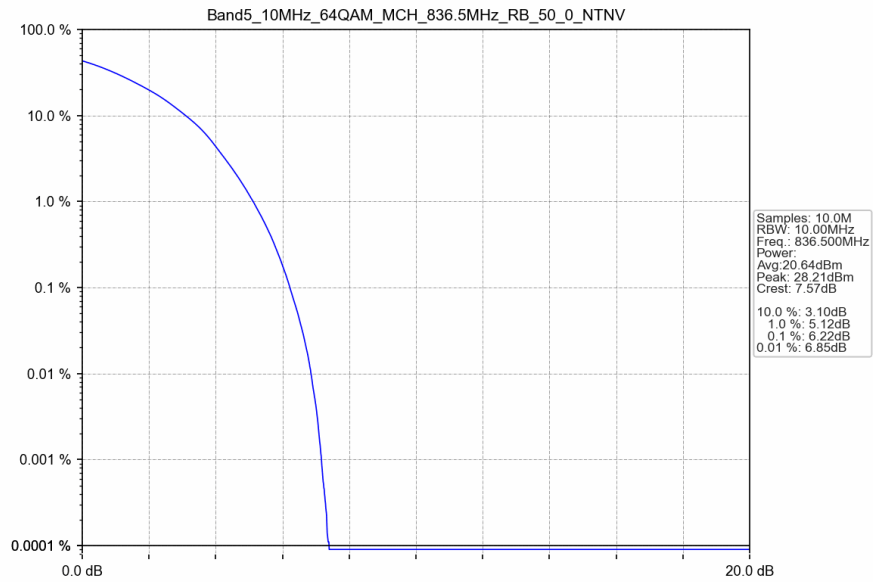
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.03	<=13	Pass
16QAM	836.5	50	0	5.78	<=13	Pass
64QAM	836.5	50	0	6.22	<=13	Pass
256QAM	836.5	50	0	6.67	<=13	Pass

4.2 Test Graph

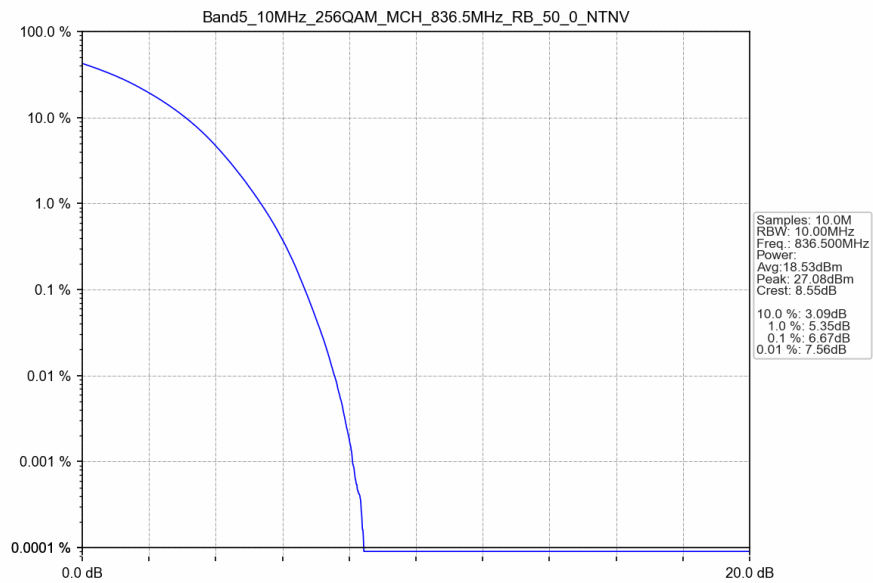
4.2.1 B5_10MHz



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

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

5.1.2 B5_3MHz

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

5.1.3 B5_5MHz

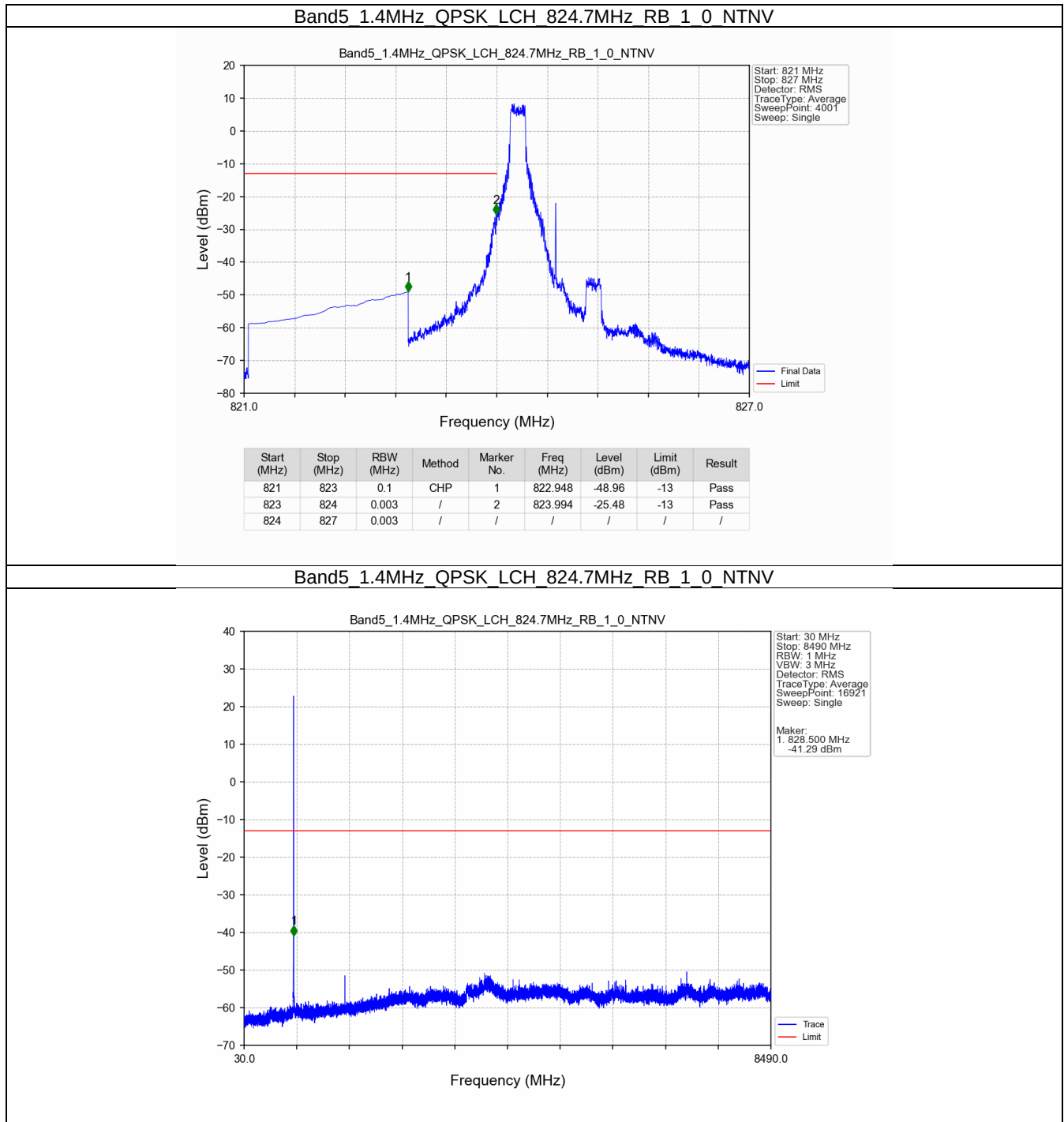
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

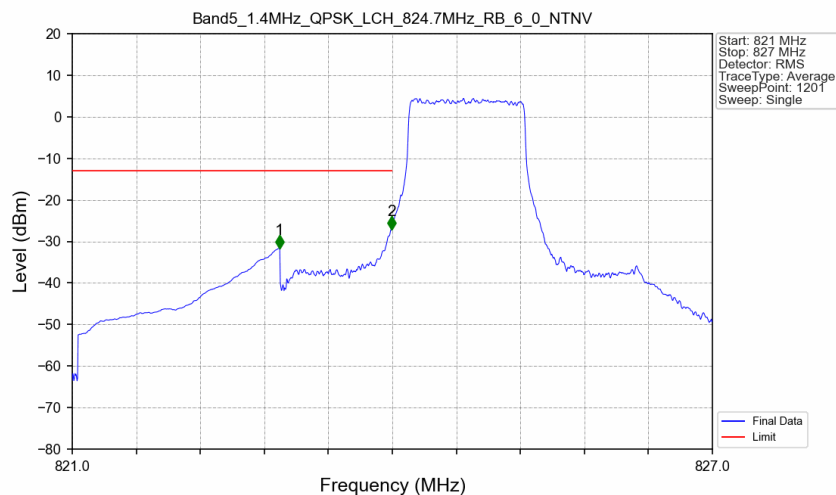
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

5.2 Test Graph

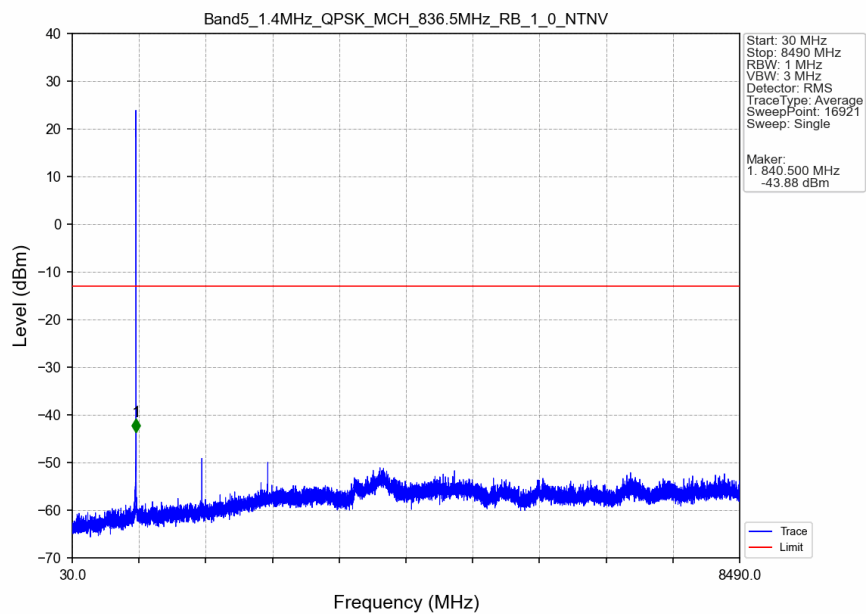
5.2.1 B5_1.4MHz



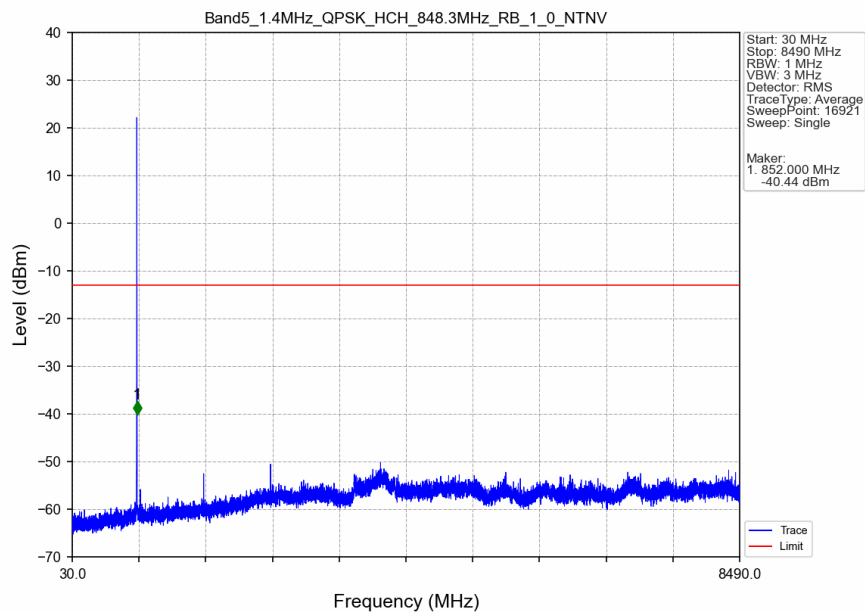
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



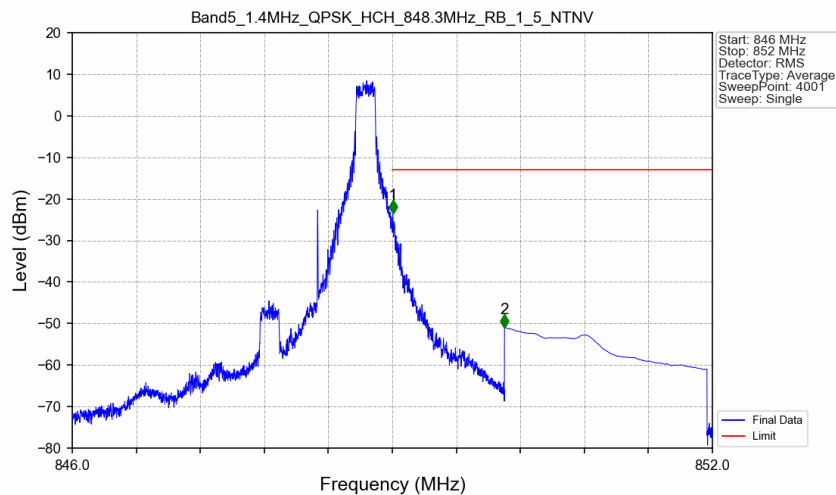
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

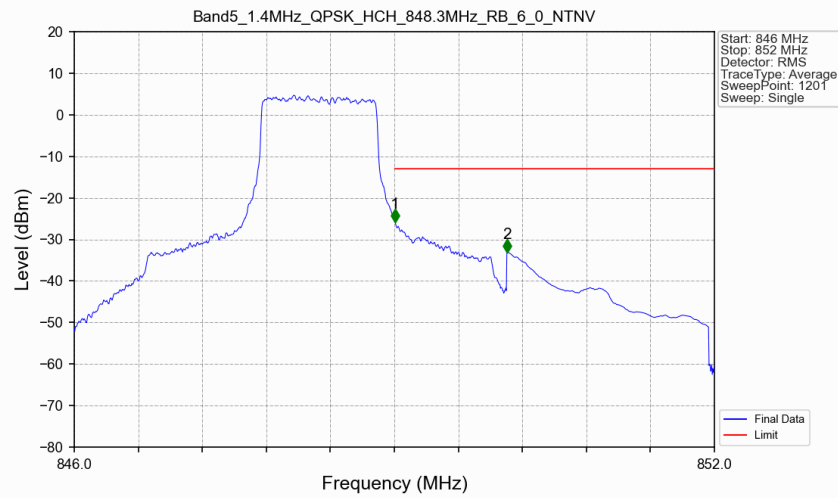


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



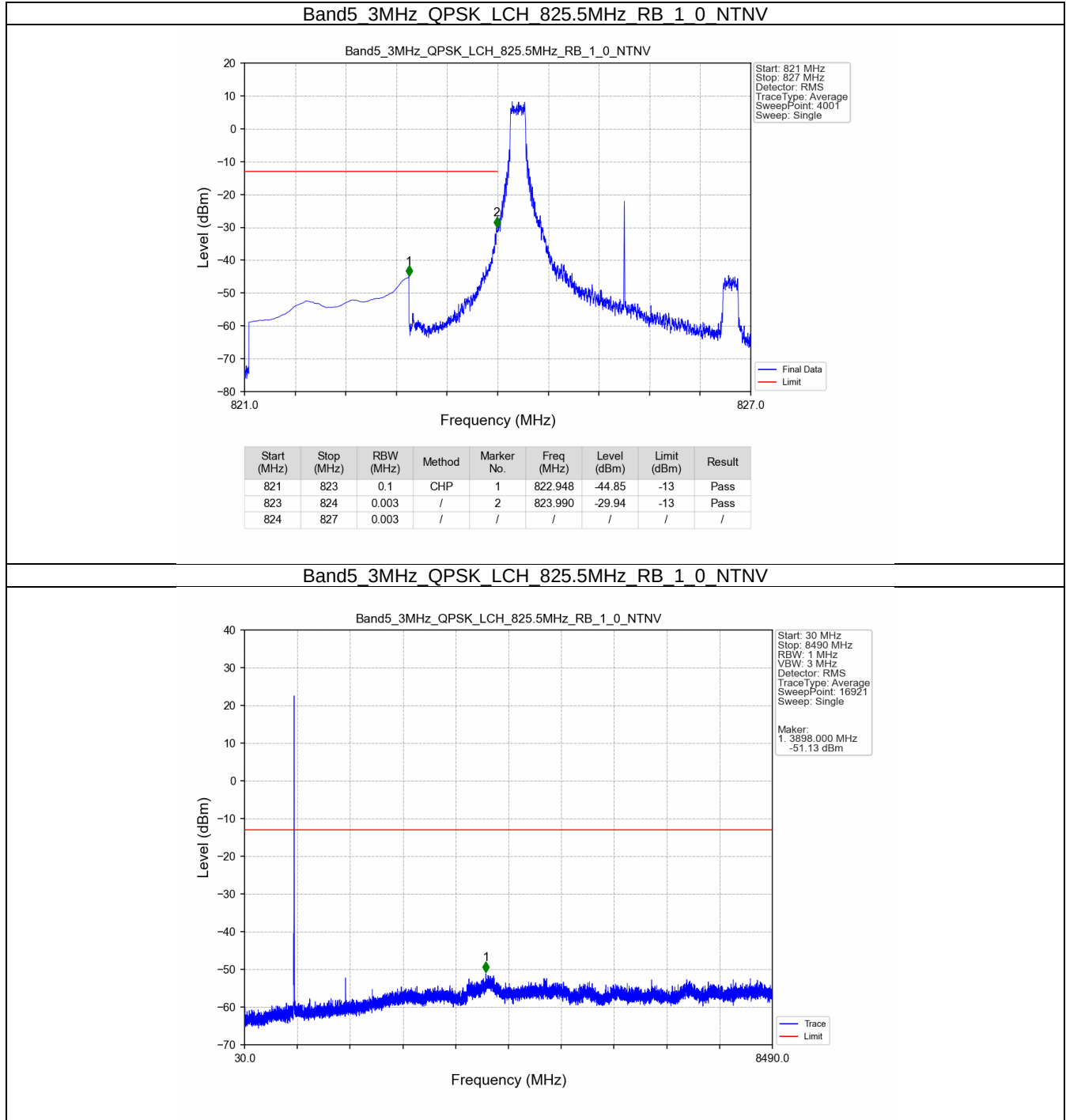
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-23.42	-13	Pass
850	852	0.1	CHP	2	850.052	-51.02	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

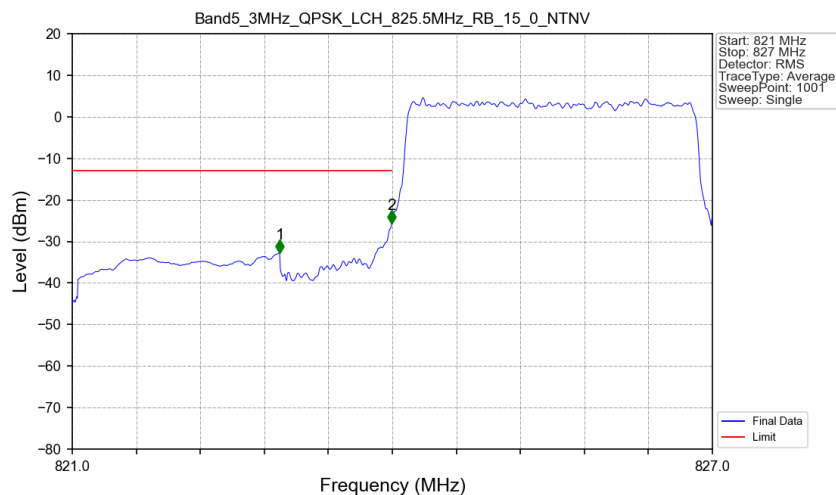


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.014	CHP	/	/	/	/	/
849	850	0.014	CHP	1	849.005	-25.81	-13	Pass
850	852	0.1	CHP	2	850.055	-33.12	-13	Pass

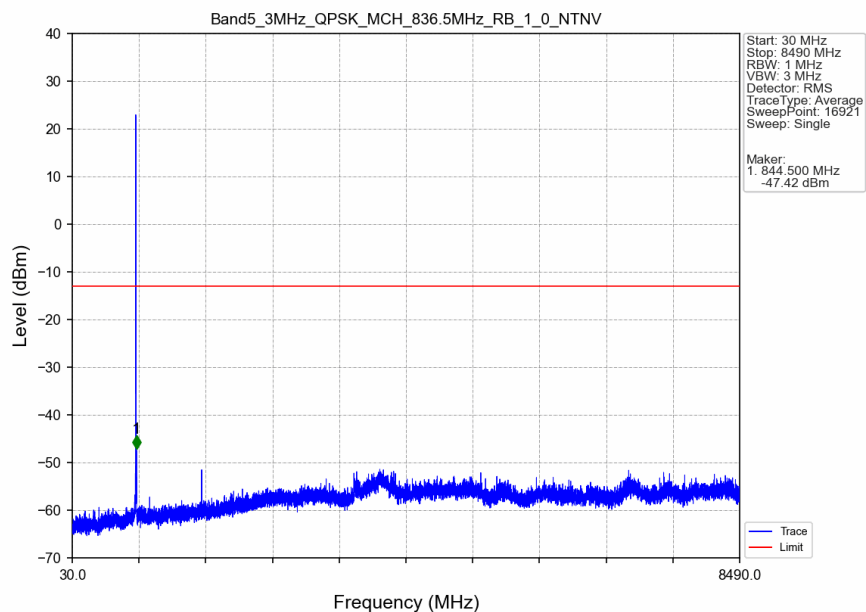
5.2.2 B5_3MHz



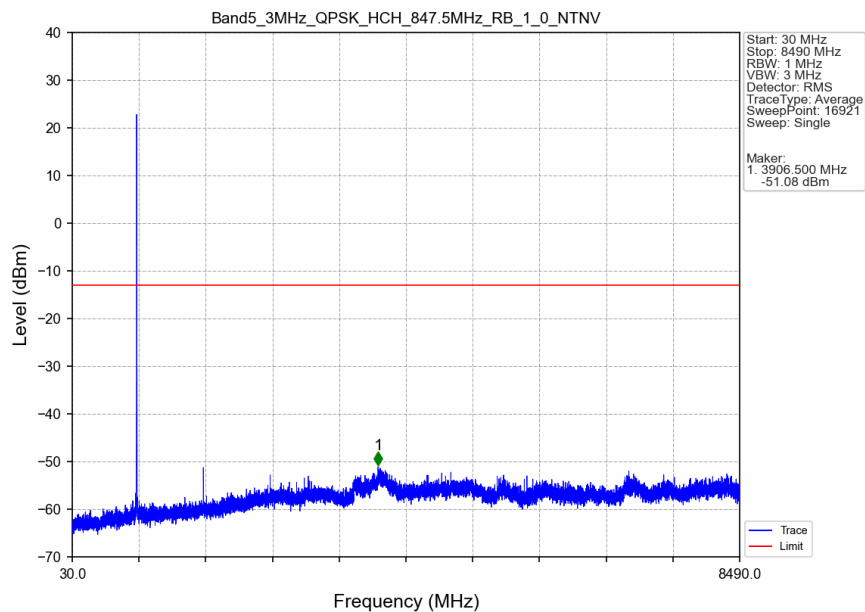
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



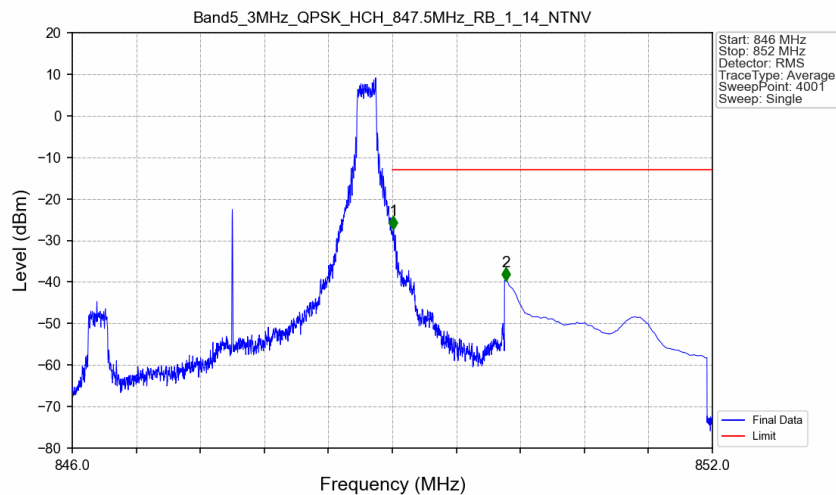
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

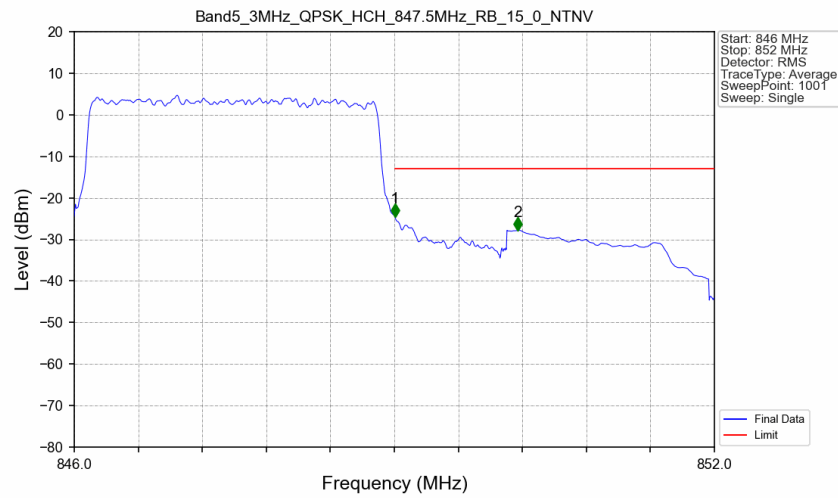


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



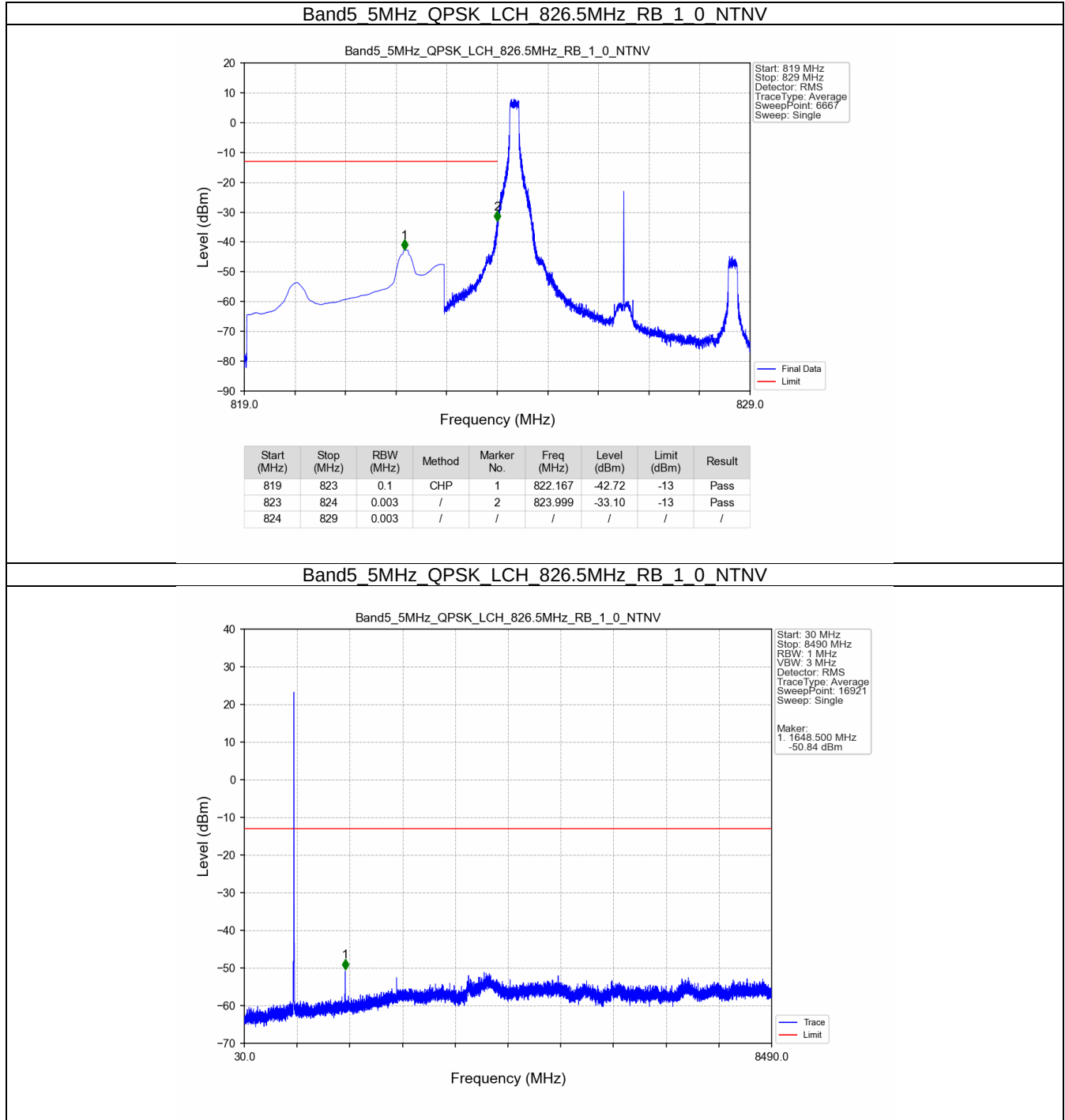
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.010	-27.23	-13	Pass
850	852	0.1	CHP	2	850.062	-39.62	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

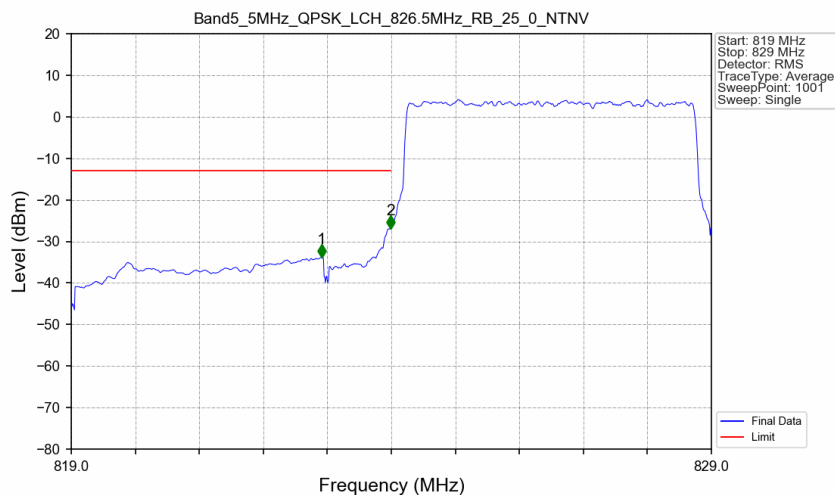


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-24.59	-13	Pass
850	852	0.1	CHP	2	850.158	-27.81	-13	Pass

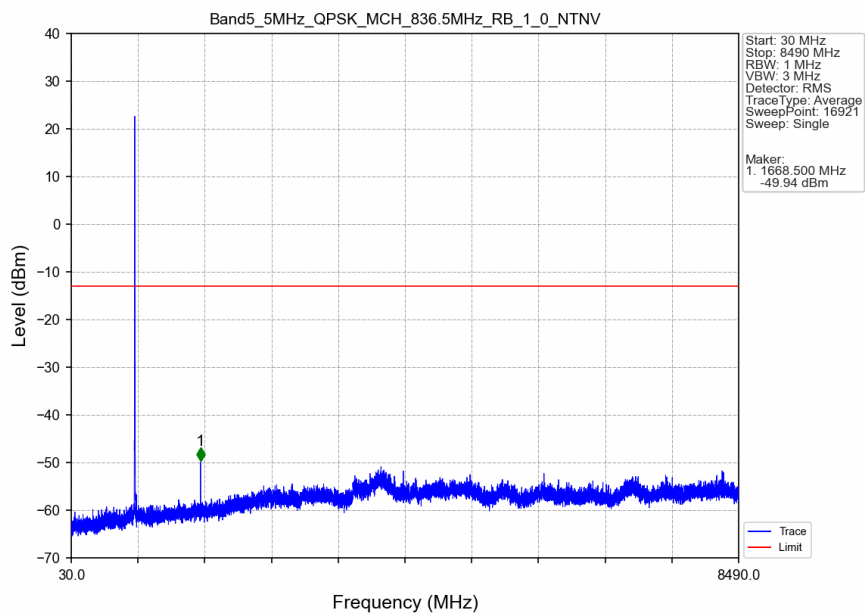
5.2.3 B5_5MHz



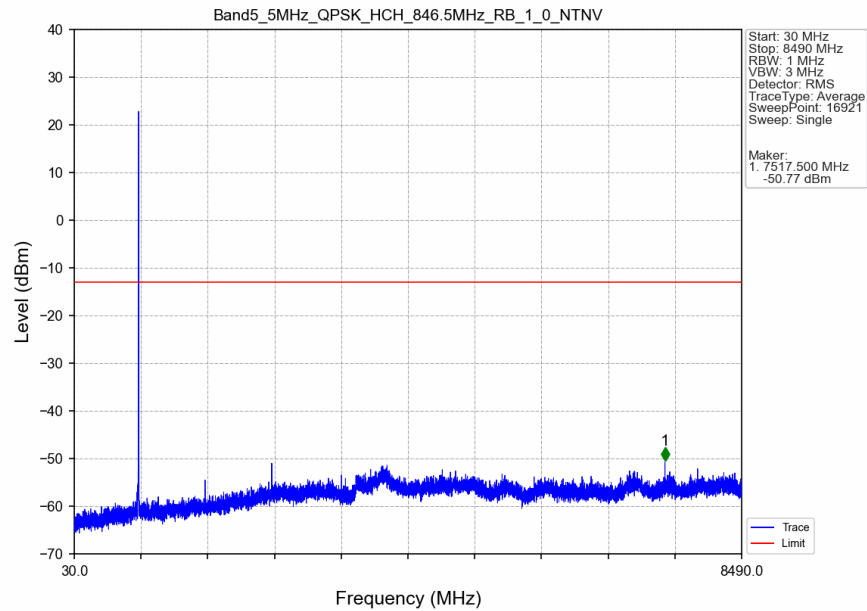
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



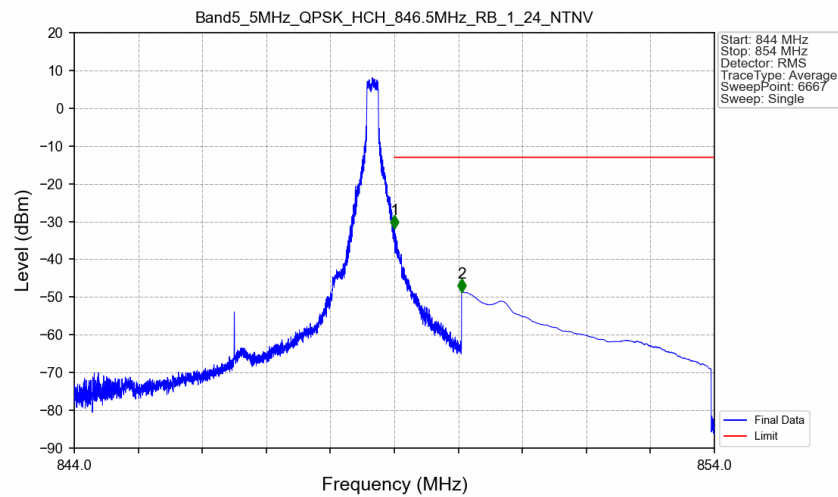
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

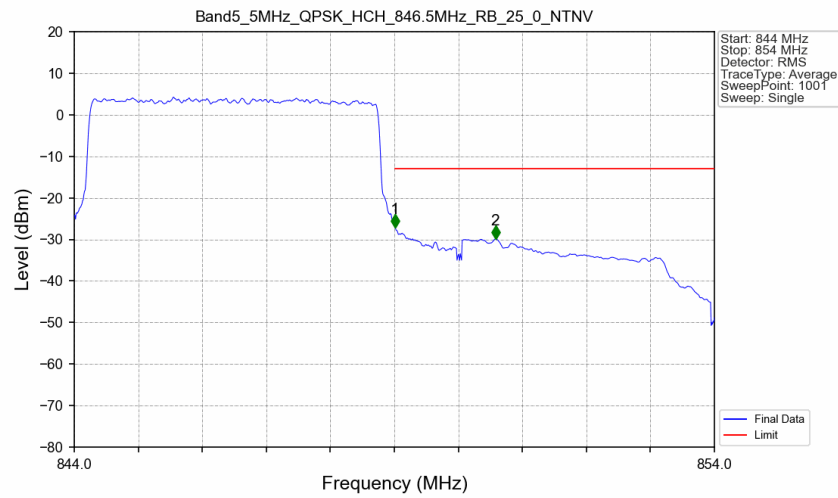


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-31.91	-13	Pass
850	854	0.1	CHP	2	850.058	-48.68	-13	Pass

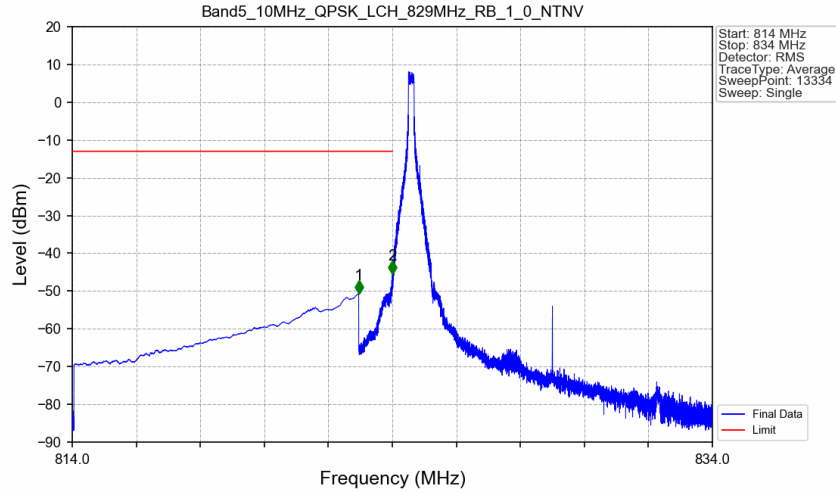
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



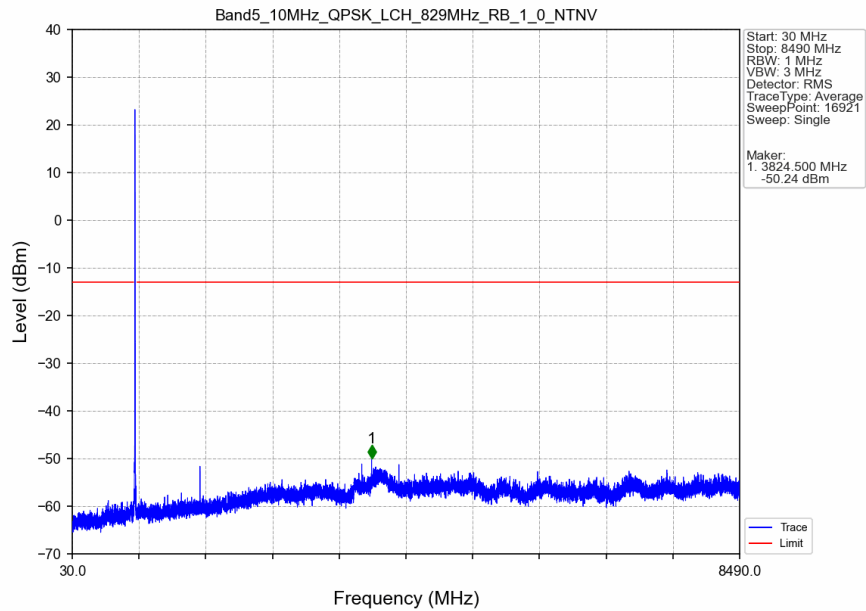
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.053	CHP	/	/	/	/	/
849	850	0.053	CHP	1	849.010	-27.16	-13	Pass
850	854	0.1	CHP	2	850.580	-29.88	-13	Pass

5.2.4 B5_10MHz

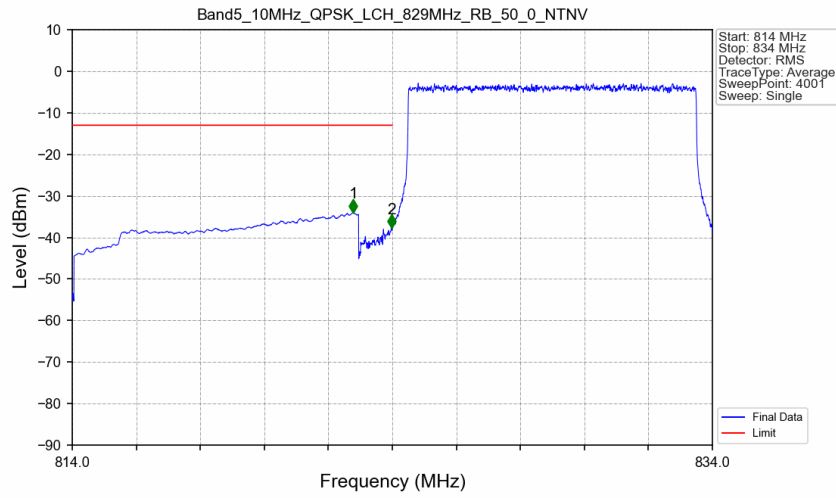
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



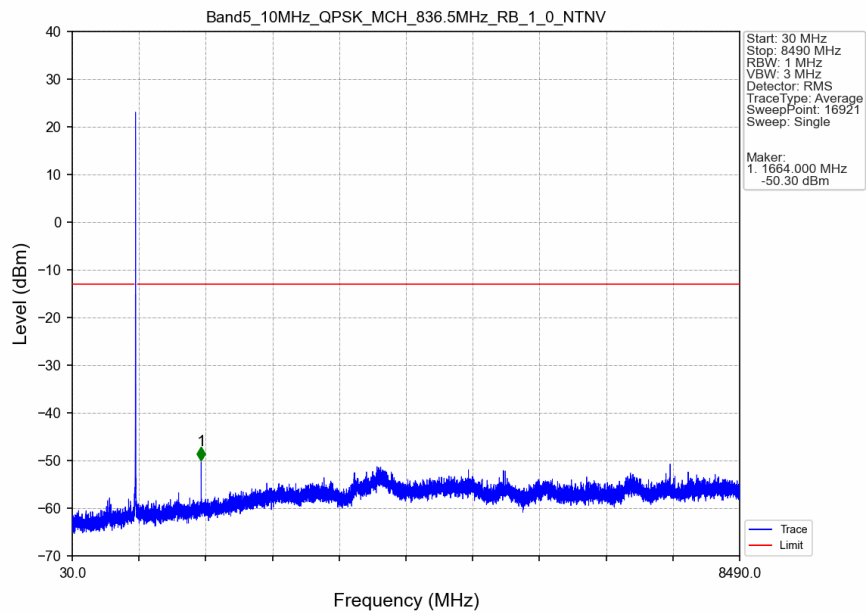
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



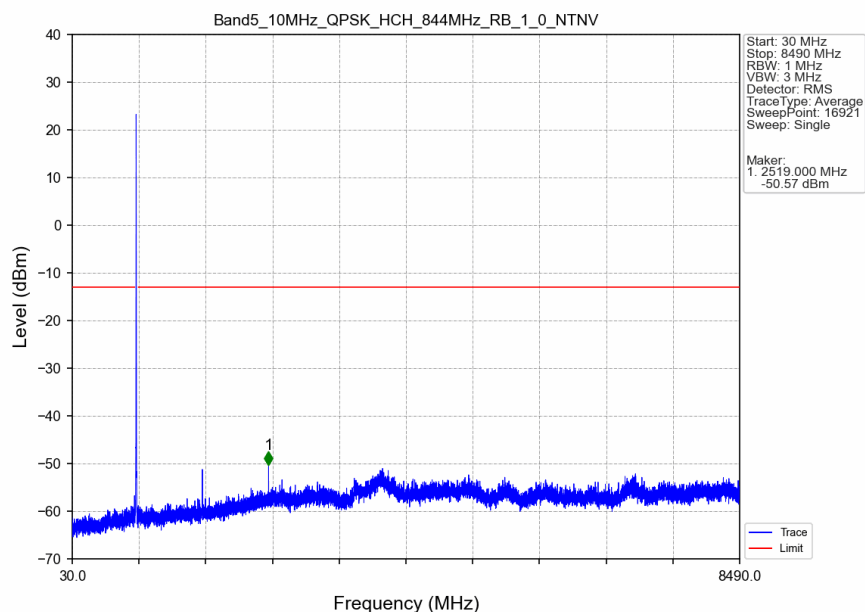
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



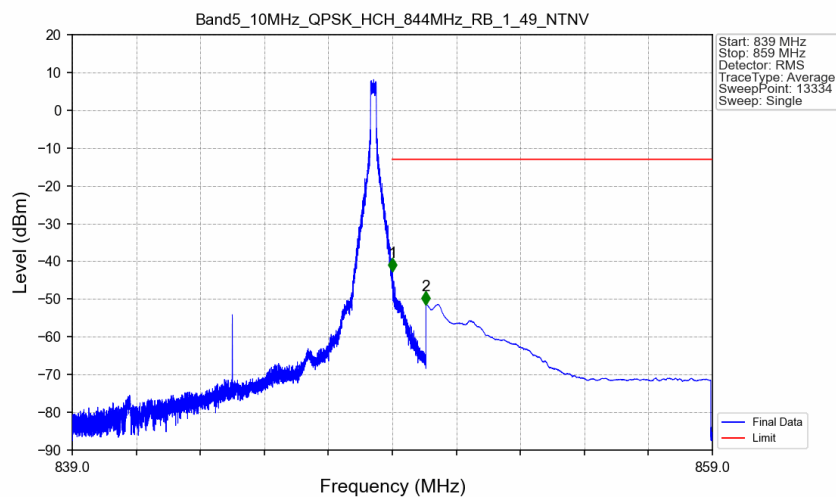
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

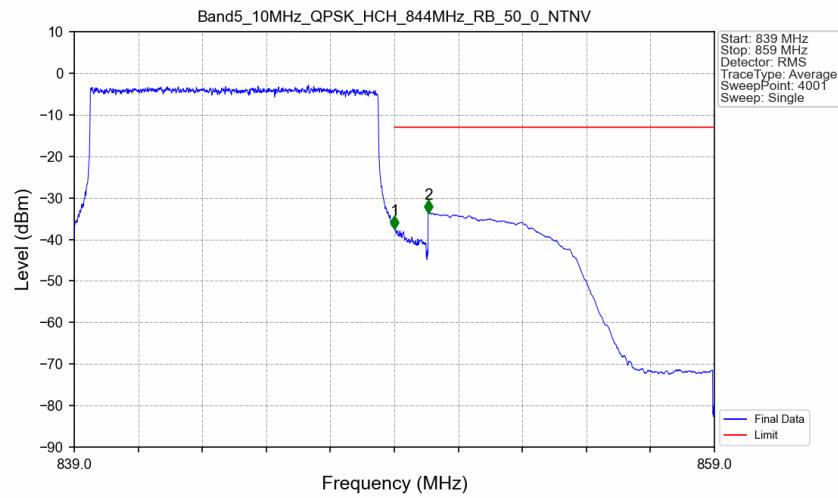


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-42.70	-13	Pass
850	859	0.1	CHP	2	850.051	-51.39	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.018	CHP	/	/	/	/	/
849	850	0.018	CHP	1	849.005	-37.41	-13	Pass
850	859	0.1	CHP	2	850.075	-33.61	-13	Pass