

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.92	-4.38	17.39	<=38.45	Pass
			2	24.03	-4.38	17.50	<=38.45	Pass
			5	23.66	-4.38	17.13	<=38.45	Pass
		3	0	23.57	-4.38	17.04	<=38.45	Pass
			2	23.58	-4.38	17.05	<=38.45	Pass
			3	23.55	-4.38	17.02	<=38.45	Pass
		6	0	22.74	-4.38	16.21	<=38.45	Pass
	836.5	1	0	23.71	-4.38	17.18	<=38.45	Pass
			2	23.82	-4.38	17.29	<=38.45	Pass
			5	23.63	-4.38	17.10	<=38.45	Pass
		3	0	23.71	-4.38	17.18	<=38.45	Pass
			2	23.58	-4.38	17.05	<=38.45	Pass
			3	23.44	-4.38	16.91	<=38.45	Pass
		6	0	22.52	-4.38	15.99	<=38.45	Pass
	848.3	1	0	23.14	-4.38	16.61	<=38.45	Pass
			2	23.27	-4.38	16.74	<=38.45	Pass
			5	22.85	-4.38	16.32	<=38.45	Pass
		3	0	22.79	-4.38	16.26	<=38.45	Pass
			2	22.70	-4.38	16.17	<=38.45	Pass
			3	22.61	-4.38	16.08	<=38.45	Pass
		6	0	21.75	-4.38	15.22	<=38.45	Pass
16QAM	824.7	1	0	22.78	-4.38	16.25	<=38.45	Pass
			2	23.04	-4.38	16.51	<=38.45	Pass
			5	22.89	-4.38	16.36	<=38.45	Pass
		3	0	22.79	-4.38	16.26	<=38.45	Pass
			2	22.90	-4.38	16.37	<=38.45	Pass
			3	22.99	-4.38	16.46	<=38.45	Pass
		6	0	22.00	-4.38	15.47	<=38.45	Pass
	836.5	1	0	22.41	-4.38	15.88	<=38.45	Pass
			2	22.73	-4.38	16.20	<=38.45	Pass
			5	22.63	-4.38	16.10	<=38.45	Pass
		3	0	22.82	-4.38	16.29	<=38.45	Pass
			2	22.67	-4.38	16.14	<=38.45	Pass
			3	22.84	-4.38	16.31	<=38.45	Pass
		6	0	21.73	-4.38	15.20	<=38.45	Pass
	848.3	1	0	21.75	-4.38	15.22	<=38.45	Pass
			2	21.82	-4.38	15.29	<=38.45	Pass
			5	21.66	-4.38	15.13	<=38.45	Pass
		3	0	22.12	-4.38	15.59	<=38.45	Pass
			2	22.01	-4.38	15.48	<=38.45	Pass
			3	21.99	-4.38	15.46	<=38.45	Pass
		6	0	21.02	-4.38	14.49	<=38.45	Pass
64QAM	824.7	1	0	21.99	-4.38	15.46	<=38.45	Pass
			2	22.15	-4.38	15.62	<=38.45	Pass
			5	22.00	-4.38	15.47	<=38.45	Pass
		3	0	22.25	-4.38	15.72	<=38.45	Pass
			2	22.27	-4.38	15.74	<=38.45	Pass

			3	22.25	-4.38	15.72	<=38.45	Pass
		6	0	21.24	-4.38	14.71	<=38.45	Pass
	836.5	1	0	21.67	-4.38	15.14	<=38.45	Pass
			2	21.70	-4.38	15.17	<=38.45	Pass
			5	21.61	-4.38	15.08	<=38.45	Pass
		3	0	21.83	-4.38	15.30	<=38.45	Pass
			2	21.80	-4.38	15.27	<=38.45	Pass
			3	21.82	-4.38	15.29	<=38.45	Pass
		6	0	20.85	-4.38	14.32	<=38.45	Pass
	848.3	1	0	21.49	-4.38	14.96	<=38.45	Pass
			2	21.54	-4.38	15.01	<=38.45	Pass
			5	21.29	-4.38	14.76	<=38.45	Pass
		3	0	21.39	-4.38	14.86	<=38.45	Pass
			2	21.38	-4.38	14.85	<=38.45	Pass
			3	21.30	-4.38	14.77	<=38.45	Pass
		6	0	20.20	-4.38	13.67	<=38.45	Pass
256QAM	824.7	1	0	21.82	-4.38	15.29	<=38.45	Pass
			2	21.99	-4.38	15.46	<=38.45	Pass
			5	21.82	-4.38	15.29	<=38.45	Pass
		3	0	21.91	-4.38	15.38	<=38.45	Pass
			2	21.94	-4.38	15.41	<=38.45	Pass
			3	21.90	-4.38	15.37	<=38.45	Pass
		6	0	20.87	-4.38	14.34	<=38.45	Pass
	836.5	1	0	21.91	-4.38	15.38	<=38.45	Pass
			2	22.04	-4.38	15.51	<=38.45	Pass
			5	21.57	-4.38	15.04	<=38.45	Pass
		3	0	21.99	-4.38	15.46	<=38.45	Pass
			2	21.70	-4.38	15.17	<=38.45	Pass
			3	21.96	-4.38	15.43	<=38.45	Pass
		6	0	20.92	-4.38	14.39	<=38.45	Pass
	848.3	1	0	21.45	-4.38	14.92	<=38.45	Pass
			2	21.51	-4.38	14.98	<=38.45	Pass
			5	21.32	-4.38	14.79	<=38.45	Pass
		3	0	21.20	-4.38	14.67	<=38.45	Pass
			2	21.17	-4.38	14.64	<=38.45	Pass
			3	21.35	-4.38	14.82	<=38.45	Pass
		6	0	20.46	-4.38	13.93	<=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	23.99	-4.38	17.46	<=38.45	Pass
			7	24.15	-4.38	17.62	<=38.45	Pass
			14	23.95	-4.38	17.42	<=38.45	Pass
		8	0	23.03	-4.38	16.50	<=38.45	Pass
			4	23.05	-4.38	16.52	<=38.45	Pass
			7	22.99	-4.38	16.46	<=38.45	Pass
	836.5	15	0	23.01	-4.38	16.48	<=38.45	Pass
		1	0	23.80	-4.38	17.27	<=38.45	Pass
			7	23.89	-4.38	17.36	<=38.45	Pass
			14	23.65	-4.38	17.12	<=38.45	Pass
		8	0	22.80	-4.38	16.27	<=38.45	Pass
			4	22.84	-4.38	16.31	<=38.45	Pass

		15	7	22.75	-4.38	16.22	<=38.45	Pass
			0	22.76	-4.38	16.23	<=38.45	Pass
			0	23.28	-4.38	16.75	<=38.45	Pass
		1	7	23.49	-4.38	16.96	<=38.45	Pass
			14	23.28	-4.38	16.75	<=38.45	Pass
			0	22.34	-4.38	15.81	<=38.45	Pass
		8	4	22.41	-4.38	15.88	<=38.45	Pass
			7	22.29	-4.38	15.76	<=38.45	Pass
			0	22.32	-4.38	15.79	<=38.45	Pass
		15	0	22.32	-4.38	15.79	<=38.45	Pass
16QAM	825.5	1	0	23.49	-4.38	16.96	<=38.45	Pass
			7	23.62	-4.38	17.09	<=38.45	Pass
			14	23.41	-4.38	16.88	<=38.45	Pass
		8	0	22.18	-4.38	15.65	<=38.45	Pass
			4	22.23	-4.38	15.70	<=38.45	Pass
			7	22.19	-4.38	15.66	<=38.45	Pass
		15	0	22.10	-4.38	15.57	<=38.45	Pass
	836.5	1	0	23.01	-4.38	16.48	<=38.45	Pass
			7	23.11	-4.38	16.58	<=38.45	Pass
			14	22.83	-4.38	16.30	<=38.45	Pass
		8	0	21.81	-4.38	15.28	<=38.45	Pass
			4	21.82	-4.38	15.29	<=38.45	Pass
			7	21.74	-4.38	15.21	<=38.45	Pass
		15	0	21.80	-4.38	15.27	<=38.45	Pass
	847.5	1	0	22.95	-4.38	16.42	<=38.45	Pass
			7	22.98	-4.38	16.45	<=38.45	Pass
			14	22.52	-4.38	15.99	<=38.45	Pass
		8	0	21.49	-4.38	14.96	<=38.45	Pass
			4	21.55	-4.38	15.02	<=38.45	Pass
			7	21.42	-4.38	14.89	<=38.45	Pass
		15	0	21.35	-4.38	14.82	<=38.45	Pass
64QAM	825.5	1	0	22.20	-4.38	15.67	<=38.45	Pass
			7	22.35	-4.38	15.82	<=38.45	Pass
			14	22.20	-4.38	15.67	<=38.45	Pass
		8	0	21.16	-4.38	14.63	<=38.45	Pass
			4	21.20	-4.38	14.67	<=38.45	Pass
			7	21.16	-4.38	14.63	<=38.45	Pass
		15	0	21.02	-4.38	14.49	<=38.45	Pass
	836.5	1	0	21.83	-4.38	15.30	<=38.45	Pass
			7	21.92	-4.38	15.39	<=38.45	Pass
			14	21.59	-4.38	15.06	<=38.45	Pass
		8	0	20.93	-4.38	14.40	<=38.45	Pass
			4	20.90	-4.38	14.37	<=38.45	Pass
			7	20.82	-4.38	14.29	<=38.45	Pass
		15	0	20.88	-4.38	14.35	<=38.45	Pass
	847.5	1	0	21.52	-4.38	14.99	<=38.45	Pass
			7	21.72	-4.38	15.19	<=38.45	Pass
			14	21.36	-4.38	14.83	<=38.45	Pass
		8	0	20.49	-4.38	13.96	<=38.45	Pass
			4	20.50	-4.38	13.97	<=38.45	Pass
			7	20.39	-4.38	13.86	<=38.45	Pass
		15	0	20.30	-4.38	13.77	<=38.45	Pass
256QAM	825.5	1	0	21.81	-4.38	15.28	<=38.45	Pass
			7	22.00	-4.38	15.47	<=38.45	Pass
			14	21.92	-4.38	15.39	<=38.45	Pass
		8	0	20.83	-4.38	14.30	<=38.45	Pass
			4	20.99	-4.38	14.46	<=38.45	Pass
			7	20.82	-4.38	14.29	<=38.45	Pass

	836.5	15	0	20.78	-4.38	15.53	<=38.45	Pass
		1	0	22.50	-4.38	15.97	<=38.45	Pass
			7	22.66	-4.38	16.13	<=38.45	Pass
			14	21.90	-4.38	15.37	<=38.45	Pass
		8	0	21.04	-4.38	14.51	<=38.45	Pass
			4	21.03	-4.38	14.50	<=38.45	Pass
			7	20.97	-4.38	14.44	<=38.45	Pass
			15	20.97	-4.38	14.44	<=38.45	Pass
	847.5	1	0	21.50	-4.38	14.97	<=38.45	Pass
			7	21.67	-4.38	15.14	<=38.45	Pass
			14	21.37	-4.38	14.84	<=38.45	Pass
			0	20.58	-4.38	14.05	<=38.45	Pass
		8	4	20.59	-4.38	14.06	<=38.45	Pass
			7	20.48	-4.38	13.95	<=38.45	Pass
			15	20.55	-4.38	14.02	<=38.45	Pass
		15	0	20.55	-4.38	14.02	<=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	23.89	-4.38	17.36	<=38.45	Pass
			13	24.07	-4.38	17.54	<=38.45	Pass
			24	23.92	-4.38	17.39	<=38.45	Pass
		12	0	23.04	-4.38	16.51	<=38.45	Pass
			6	23.08	-4.38	16.55	<=38.45	Pass
			13	23.01	-4.38	16.48	<=38.45	Pass
		25	0	22.98	-4.38	16.45	<=38.45	Pass
	836.5	1	0	23.80	-4.38	17.27	<=38.45	Pass
			13	23.79	-4.38	17.26	<=38.45	Pass
			24	23.51	-4.38	16.98	<=38.45	Pass
		12	0	22.83	-4.38	16.30	<=38.45	Pass
			6	22.86	-4.38	16.33	<=38.45	Pass
			13	22.73	-4.38	16.20	<=38.45	Pass
		25	0	22.78	-4.38	16.25	<=38.45	Pass
	846.5	1	0	23.27	-4.38	16.74	<=38.45	Pass
			13	23.36	-4.38	16.83	<=38.45	Pass
			24	23.14	-4.38	16.61	<=38.45	Pass
		12	0	22.36	-4.38	15.83	<=38.45	Pass
			6	22.41	-4.38	15.88	<=38.45	Pass
			13	22.15	-4.38	15.62	<=38.45	Pass
		25	0	22.23	-4.38	15.70	<=38.45	Pass
16QAM	826.5	1	0	22.79	-4.38	16.26	<=38.45	Pass
			13	22.94	-4.38	16.41	<=38.45	Pass
			24	22.84	-4.38	16.31	<=38.45	Pass
		12	0	22.02	-4.38	15.49	<=38.45	Pass
			6	22.05	-4.38	15.52	<=38.45	Pass
			13	22.00	-4.38	15.47	<=38.45	Pass
		25	0	22.05	-4.38	15.52	<=38.45	Pass
	836.5	1	0	23.10	-4.38	16.57	<=38.45	Pass
			13	23.10	-4.38	16.57	<=38.45	Pass
			24	22.81	-4.38	16.28	<=38.45	Pass
		12	0	21.85	-4.38	15.32	<=38.45	Pass
			6	21.93	-4.38	15.40	<=38.45	Pass
			13	21.79	-4.38	15.26	<=38.45	Pass

	846.5	25	0	21.78	-4.38	15.25	<=38.45	Pass
		1	0	22.40	-4.38	15.87	<=38.45	Pass
			13	22.47	-4.38	15.94	<=38.45	Pass
			24	22.10	-4.38	15.57	<=38.45	Pass
		12	0	21.28	-4.38	14.75	<=38.45	Pass
			6	21.40	-4.38	14.87	<=38.45	Pass
			13	21.23	-4.38	14.70	<=38.45	Pass
		25	0	21.34	-4.38	14.81	<=38.45	Pass
64QAM	826.5	1	0	21.90	-4.38	15.37	<=38.45	Pass
			13	22.05	-4.38	15.52	<=38.45	Pass
			24	21.94	-4.38	15.41	<=38.45	Pass
		12	0	20.96	-4.38	14.43	<=38.45	Pass
			6	21.03	-4.38	14.50	<=38.45	Pass
			13	20.94	-4.38	14.41	<=38.45	Pass
		25	0	21.05	-4.38	14.52	<=38.45	Pass
	836.5	1	0	22.00	-4.38	15.47	<=38.45	Pass
			13	22.04	-4.38	15.51	<=38.45	Pass
			24	21.75	-4.38	15.22	<=38.45	Pass
		12	0	20.79	-4.38	14.26	<=38.45	Pass
			6	20.87	-4.38	14.34	<=38.45	Pass
			13	20.74	-4.38	14.21	<=38.45	Pass
		25	0	20.83	-4.38	14.30	<=38.45	Pass
	846.5	1	0	21.45	-4.38	14.92	<=38.45	Pass
			13	21.57	-4.38	15.04	<=38.45	Pass
			24	21.14	-4.38	14.61	<=38.45	Pass
		12	0	20.41	-4.38	13.88	<=38.45	Pass
			6	20.49	-4.38	13.96	<=38.45	Pass
			13	20.32	-4.38	13.79	<=38.45	Pass
		25	0	20.27	-4.38	13.74	<=38.45	Pass
256QAM	826.5	1	0	21.65	-4.38	15.12	<=38.45	Pass
			13	22.12	-4.38	15.59	<=38.45	Pass
			24	22.06	-4.38	15.53	<=38.45	Pass
		12	0	20.94	-4.38	14.41	<=38.45	Pass
			6	20.98	-4.38	14.45	<=38.45	Pass
			13	20.84	-4.38	14.31	<=38.45	Pass
		25	0	20.83	-4.38	14.30	<=38.45	Pass
	836.5	1	0	22.06	-4.38	15.53	<=38.45	Pass
			13	21.89	-4.38	15.36	<=38.45	Pass
			24	21.91	-4.38	15.38	<=38.45	Pass
		12	0	20.82	-4.38	14.29	<=38.45	Pass
			6	20.98	-4.38	14.45	<=38.45	Pass
			13	20.94	-4.38	14.41	<=38.45	Pass
		25	0	20.89	-4.38	14.36	<=38.45	Pass
	846.5	1	0	21.69	-4.38	15.16	<=38.45	Pass
			13	21.73	-4.38	15.20	<=38.45	Pass
			24	21.18	-4.38	14.65	<=38.45	Pass
		12	0	20.45	-4.38	13.92	<=38.45	Pass
			6	20.55	-4.38	14.02	<=38.45	Pass
			13	20.42	-4.38	13.89	<=38.45	Pass
		25	0	20.50	-4.38	13.97	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	ERP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	829	1	0	24.00	-4.38	17.47	<=38.45	Pass
			25	24.18	-4.38	17.65	<=38.45	Pass
			49	23.86	-4.38	17.33	<=38.45	Pass
		25	0	23.08	-4.38	16.55	<=38.45	Pass
			13	23.05	-4.38	16.52	<=38.45	Pass
			25	23.05	-4.38	16.52	<=38.45	Pass
		50	0	23.08	-4.38	16.55	<=38.45	Pass
	836.5	1	0	23.93	-4.38	17.40	<=38.45	Pass
			25	23.88	-4.38	17.35	<=38.45	Pass
			49	23.50	-4.38	16.97	<=38.45	Pass
		25	0	22.85	-4.38	16.32	<=38.45	Pass
			13	22.82	-4.38	16.29	<=38.45	Pass
			25	22.69	-4.38	16.16	<=38.45	Pass
		50	0	22.68	-4.38	16.15	<=38.45	Pass
	844	1	0	23.53	-4.38	17.00	<=38.45	Pass
			25	23.46	-4.38	16.93	<=38.45	Pass
			49	22.70	-4.38	16.17	<=38.45	Pass
		25	0	22.07	-4.38	15.54	<=38.45	Pass
			13	21.99	-4.38	15.46	<=38.45	Pass
			25	21.94	-4.38	15.41	<=38.45	Pass
		50	0	22.02	-4.38	15.49	<=38.45	Pass
16QAM	829	1	0	23.50	-4.38	16.97	<=38.45	Pass
			25	23.75	-4.38	17.22	<=38.45	Pass
			49	23.47	-4.38	16.94	<=38.45	Pass
		25	0	22.12	-4.38	15.59	<=38.45	Pass
			13	22.10	-4.38	15.57	<=38.45	Pass
			25	22.12	-4.38	15.59	<=38.45	Pass
		50	0	22.10	-4.38	15.57	<=38.45	Pass
	836.5	1	0	23.00	-4.38	16.47	<=38.45	Pass
			25	22.77	-4.38	16.24	<=38.45	Pass
			49	22.50	-4.38	15.97	<=38.45	Pass
		25	0	21.80	-4.38	15.27	<=38.45	Pass
			13	21.81	-4.38	15.28	<=38.45	Pass
			25	21.73	-4.38	15.20	<=38.45	Pass
		50	0	21.77	-4.38	15.24	<=38.45	Pass
	844	1	0	22.11	-4.38	15.58	<=38.45	Pass
			25	22.05	-4.38	15.52	<=38.45	Pass
			49	21.62	-4.38	15.09	<=38.45	Pass
		25	0	21.25	-4.38	14.72	<=38.45	Pass
			13	21.10	-4.38	14.57	<=38.45	Pass
			25	21.12	-4.38	14.59	<=38.45	Pass
		50	0	21.27	-4.38	14.74	<=38.45	Pass
64QAM	829	1	0	22.27	-4.38	15.74	<=38.45	Pass
			25	22.41	-4.38	15.88	<=38.45	Pass
			49	22.17	-4.38	15.64	<=38.45	Pass
		25	0	21.15	-4.38	14.62	<=38.45	Pass
			13	21.11	-4.38	14.58	<=38.45	Pass
			25	21.12	-4.38	14.59	<=38.45	Pass
		50	0	21.12	-4.38	14.59	<=38.45	Pass
	836.5	1	0	21.97	-4.38	15.44	<=38.45	Pass
			25	21.97	-4.38	15.44	<=38.45	Pass
			49	21.64	-4.38	15.11	<=38.45	Pass
		25	0	20.99	-4.38	14.46	<=38.45	Pass
			13	20.92	-4.38	14.39	<=38.45	Pass
			25	20.79	-4.38	14.26	<=38.45	Pass
		50	0	20.84	-4.38	14.31	<=38.45	Pass

	844	1	0	21.10	-4.38	14.57	<=38.45	Pass			
			25	21.13	-4.38	14.60	<=38.45	Pass			
			49	20.52	-4.38	13.99	<=38.45	Pass			
		25	0	20.63	-4.38	14.10	<=38.45	Pass			
			13	20.51	-4.38	13.98	<=38.45	Pass			
			25	20.51	-4.38	13.98	<=38.45	Pass			
		50	0	20.53	-4.38	14.00	<=38.45	Pass			
			256QAM	829	1	0	21.86	-4.38	15.33	<=38.45	Pass
						25	22.21	-4.38	15.68	<=38.45	Pass
49	22.05	-4.38				15.52	<=38.45	Pass			
25	0	21.01			-4.38	14.48	<=38.45	Pass			
	13	21.06			-4.38	14.53	<=38.45	Pass			
	25	21.13			-4.38	14.60	<=38.45	Pass			
50	0	21.01			-4.38	14.48	<=38.45	Pass			
836.5	1	0			22.08	-4.38	15.55	<=38.45	Pass		
		25			22.16	-4.38	15.63	<=38.45	Pass		
		49	21.81	-4.38	15.28	<=38.45	Pass				
	25	0	20.98	-4.38	14.45	<=38.45	Pass				
		13	20.98	-4.38	14.45	<=38.45	Pass				
		25	20.85	-4.38	14.32	<=38.45	Pass				
	50	0	20.88	-4.38	14.35	<=38.45	Pass				
	844	1	0	21.80	-4.38	15.27	<=38.45	Pass			
			25	21.81	-4.38	15.28	<=38.45	Pass			
49			21.38	-4.38	14.85	<=38.45	Pass				
25		0	20.86	-4.38	14.33	<=38.45	Pass				
		13	20.73	-4.38	14.20	<=38.45	Pass				
		25	20.72	-4.38	14.19	<=38.45	Pass				
50		0	20.76	-4.38	14.23	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	3.27	-7.739	-0.0093	-2.5 to 2.5	Pass
					3.85	-10.700	-0.0128	-2.5 to 2.5	Pass
					4.43	-8.254	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-9.942	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-7.567	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-10.414	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-10.600	-0.0127	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

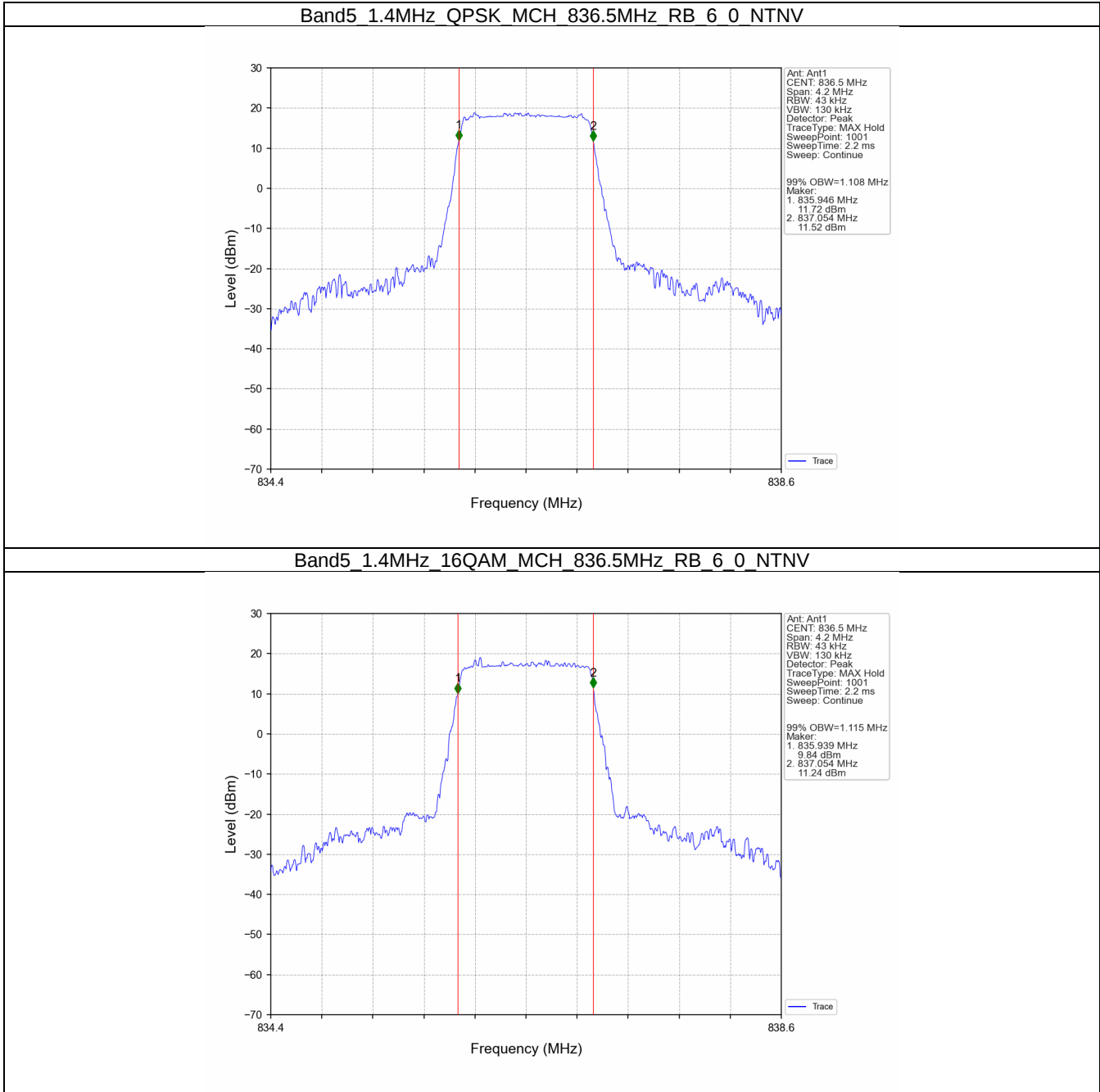
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.108	/	Pass
	16QAM	836.5	6	0	1.115	/	Pass
3	QPSK	836.5	15	0	2.718	/	Pass
	16QAM	836.5	15	0	2.721	/	Pass
5	QPSK	836.5	25	0	4.542	/	Pass
	16QAM	836.5	25	0	4.522	/	Pass
10	QPSK	836.5	50	0	9.049	/	Pass
	16QAM	836.5	50	0	9.068	/	Pass

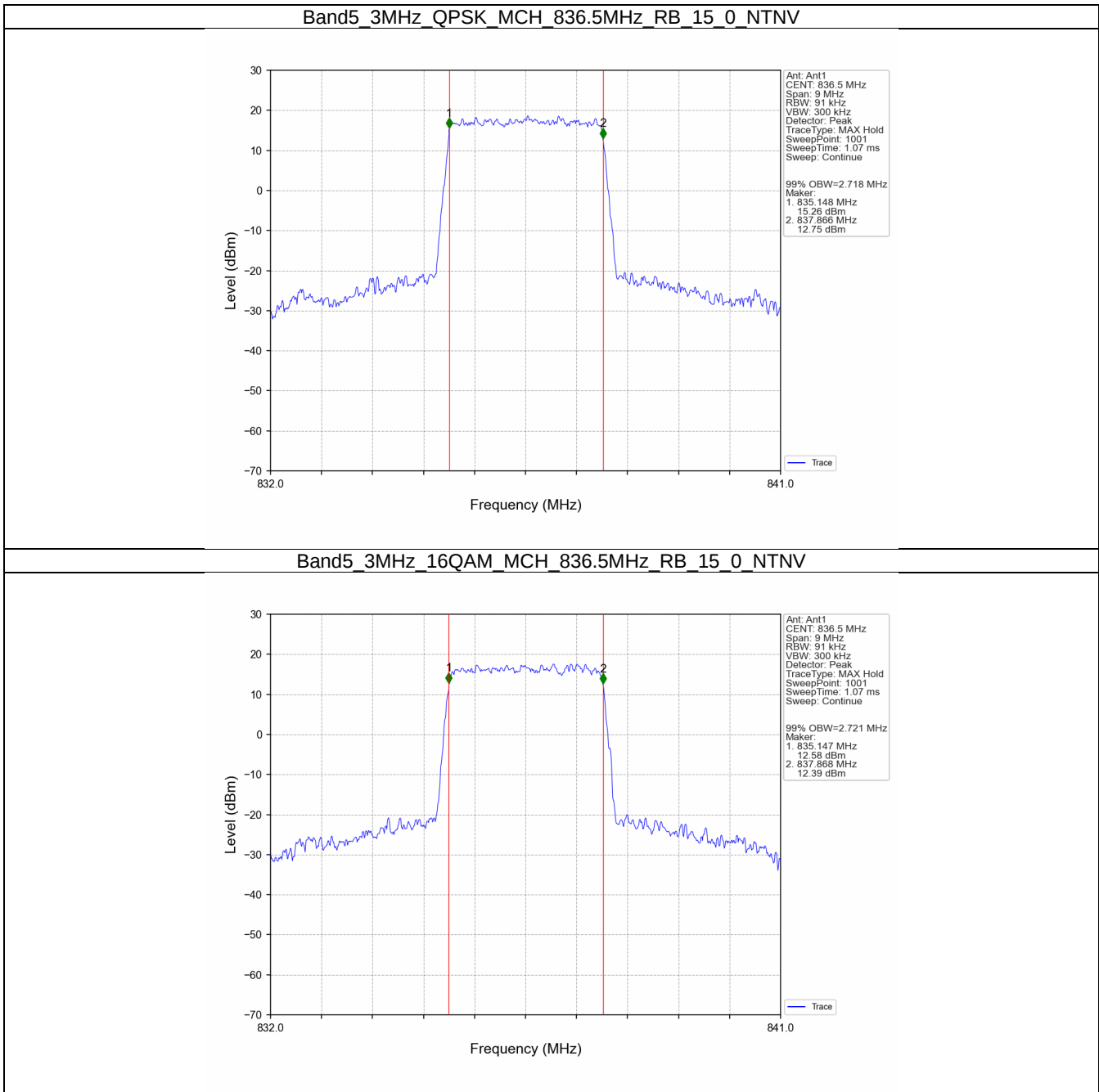
3.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.320	/	Pass
	16QAM	836.5	6	0	1.321	/	Pass
3	QPSK	836.5	15	0	3.011	/	Pass
	16QAM	836.5	15	0	3.016	/	Pass
5	QPSK	836.5	25	0	5.014	/	Pass
	16QAM	836.5	25	0	4.993	/	Pass
10	QPSK	836.5	50	0	9.893	/	Pass
	16QAM	836.5	50	0	9.877	/	Pass

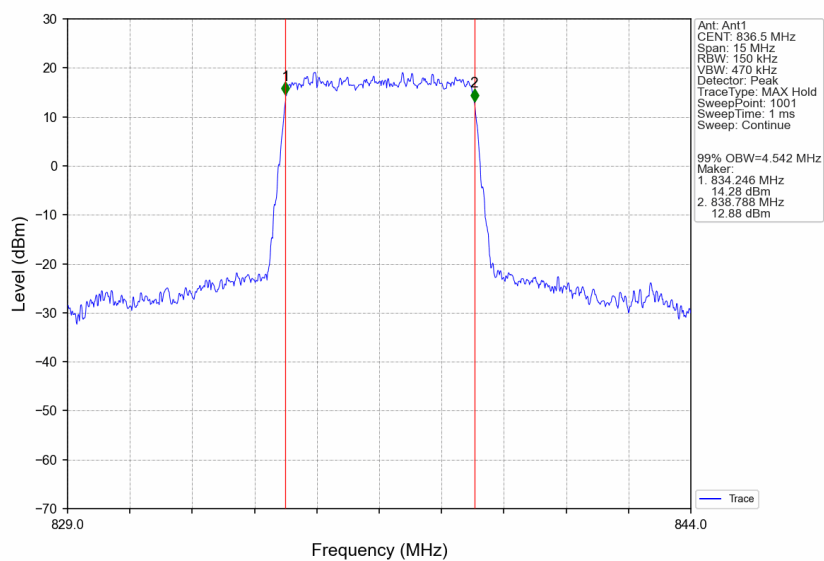
3.2 Test Graph

3.2.1 Band5_OBW

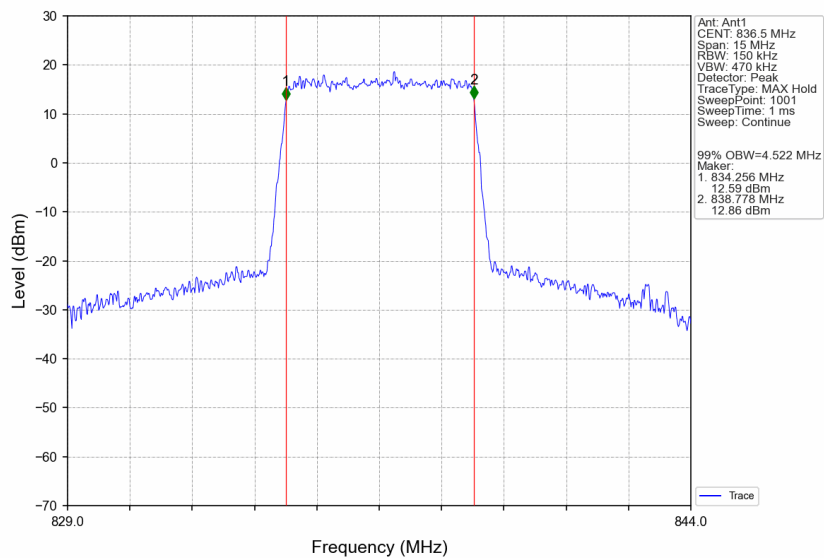




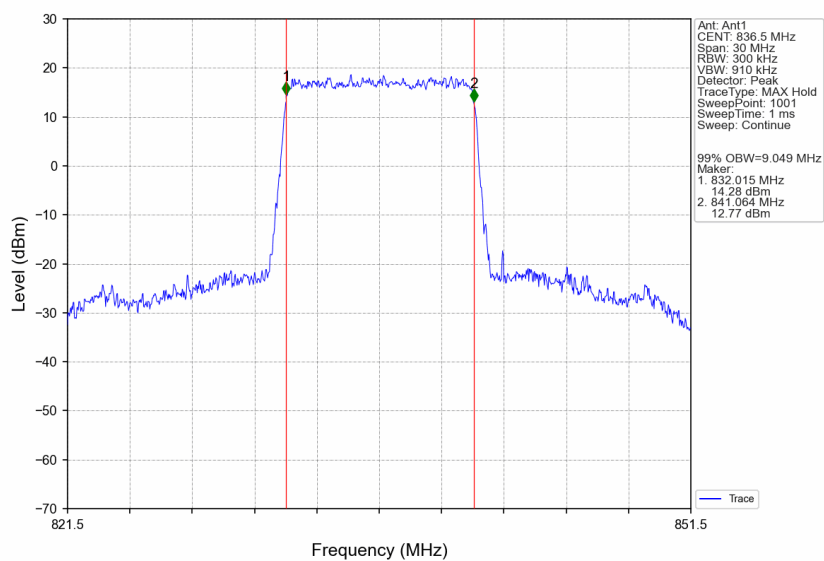
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



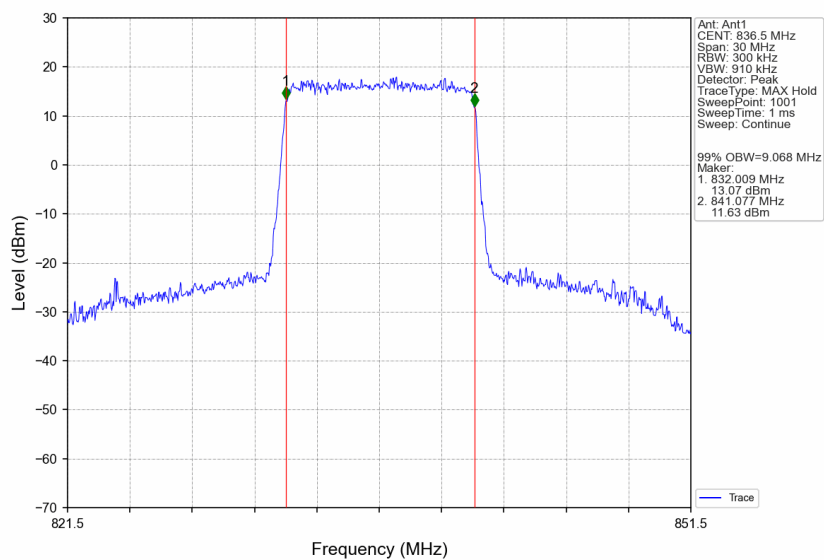
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



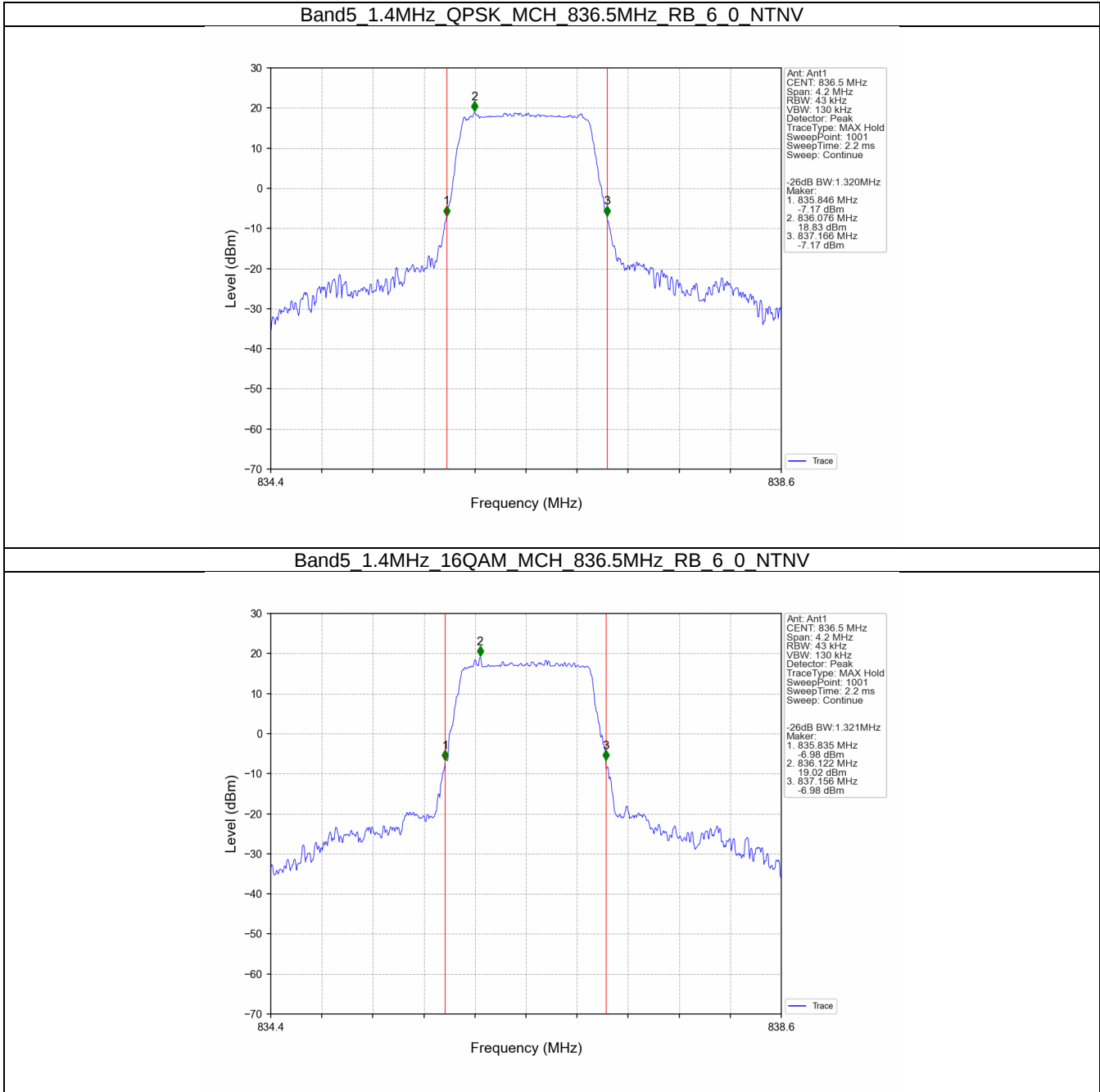
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



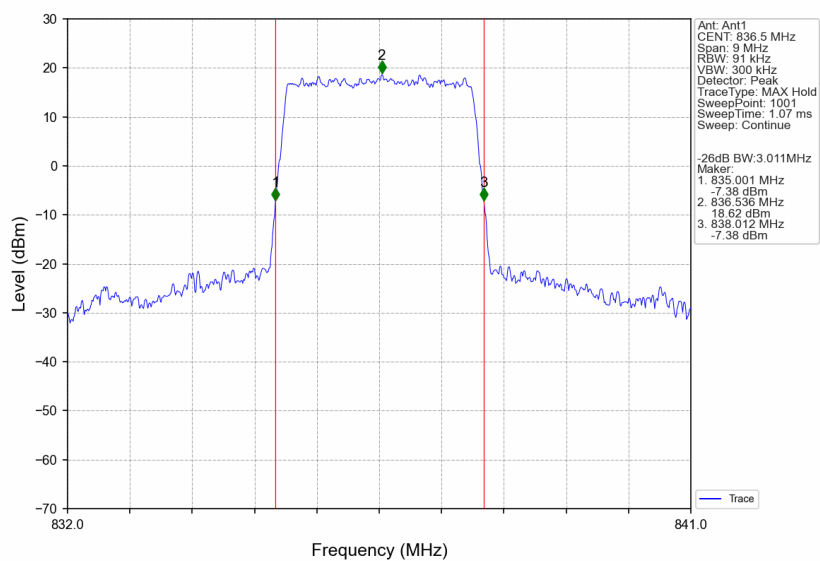
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



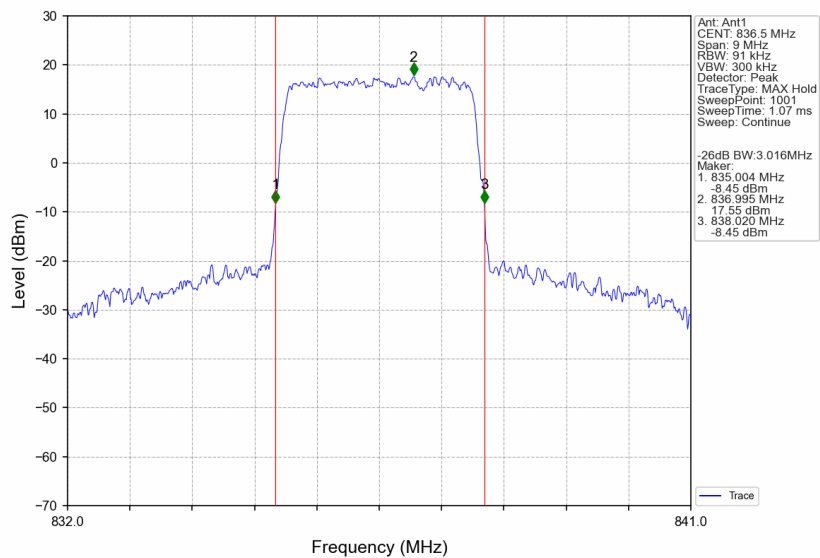
3.2.2 Band5_XDB

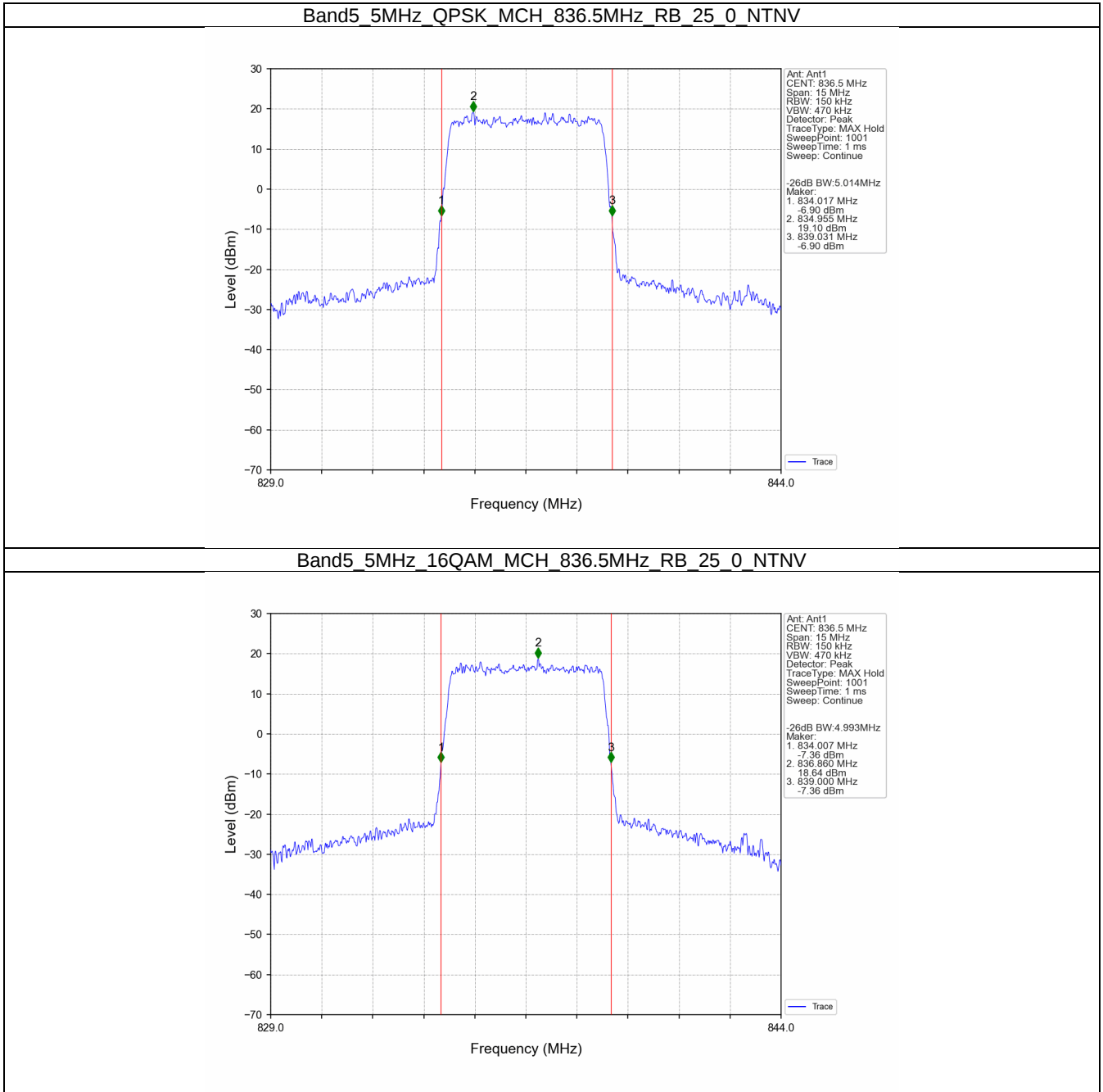


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

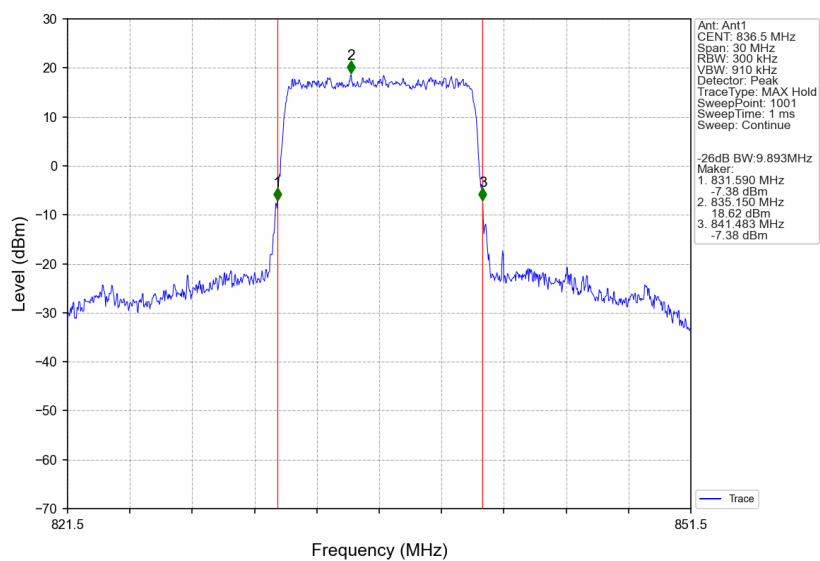


Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

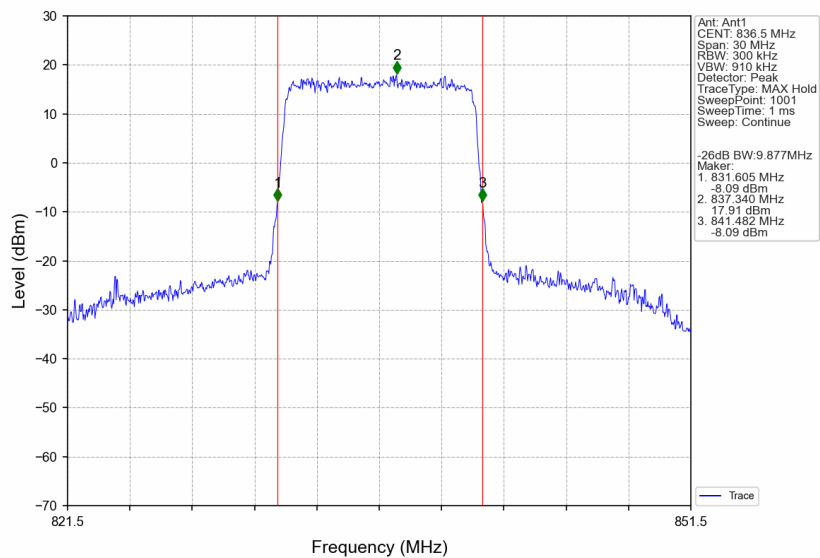




Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

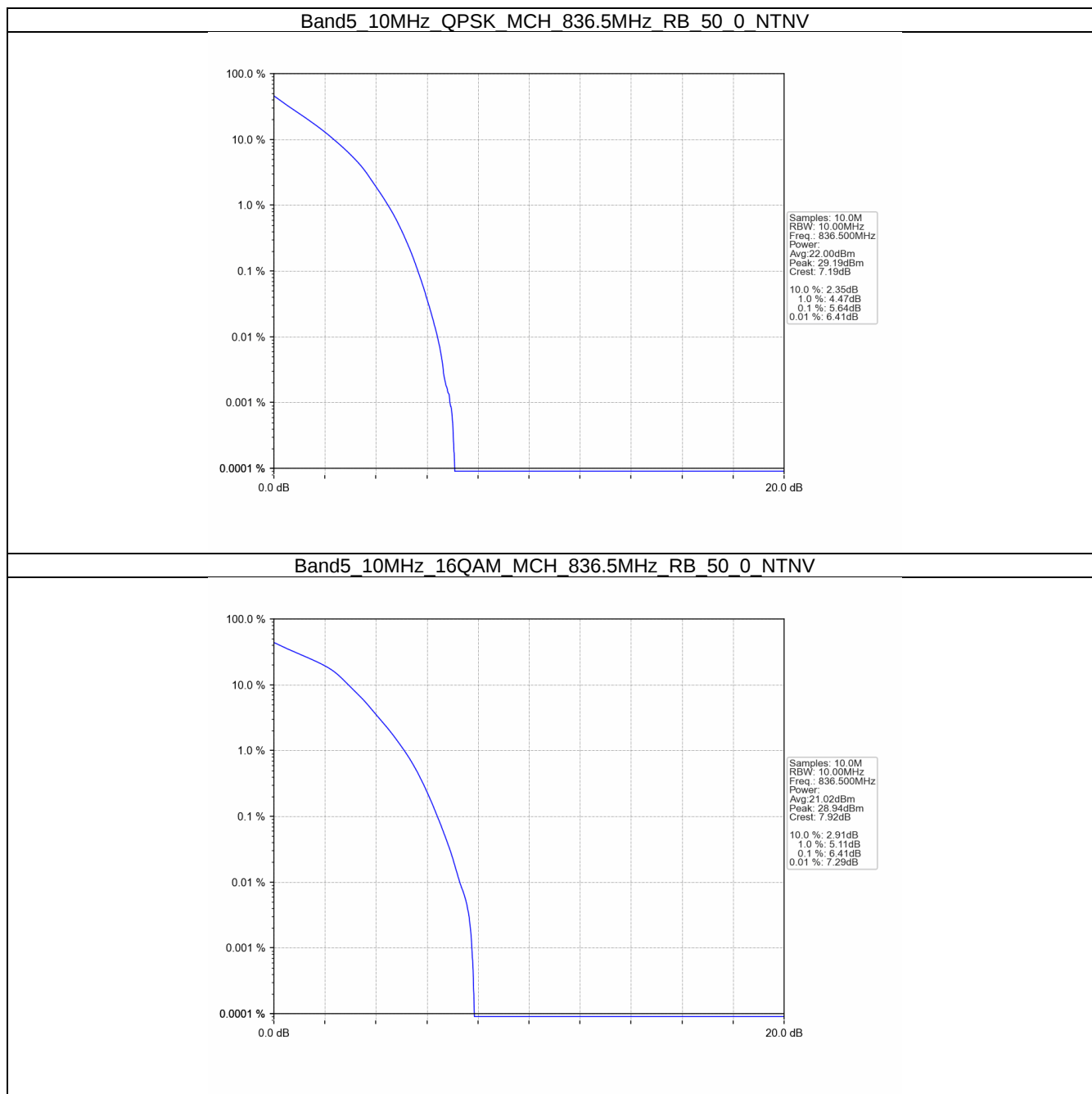
4.1 Test Result

4.1.1 B5_10MHz

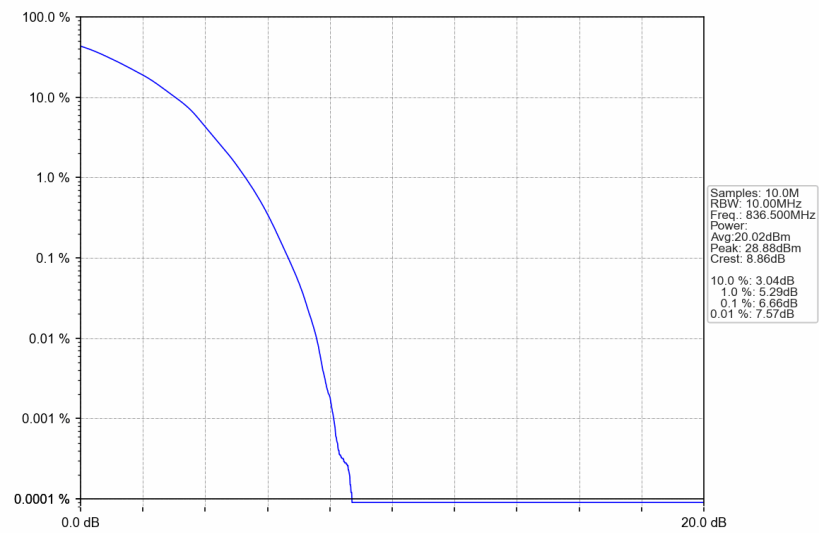
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.64	<=13	Pass
16QAM	836.5	50	0	6.41	<=13	Pass
64QAM	836.5	50	0	6.66	<=13	Pass
256QAM	836.5	50	0	11.20	<=13	Pass

4.2 Test Graph

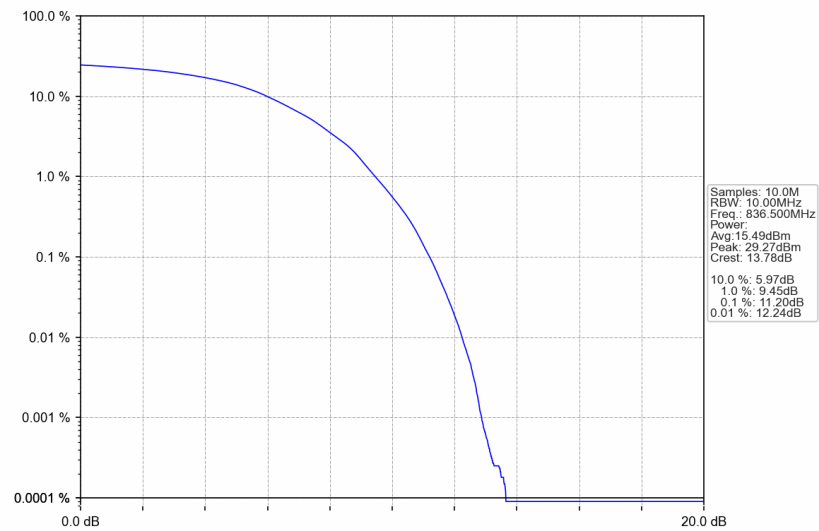
4.2.1 B5_10MHz



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 / NTV						
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	
	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

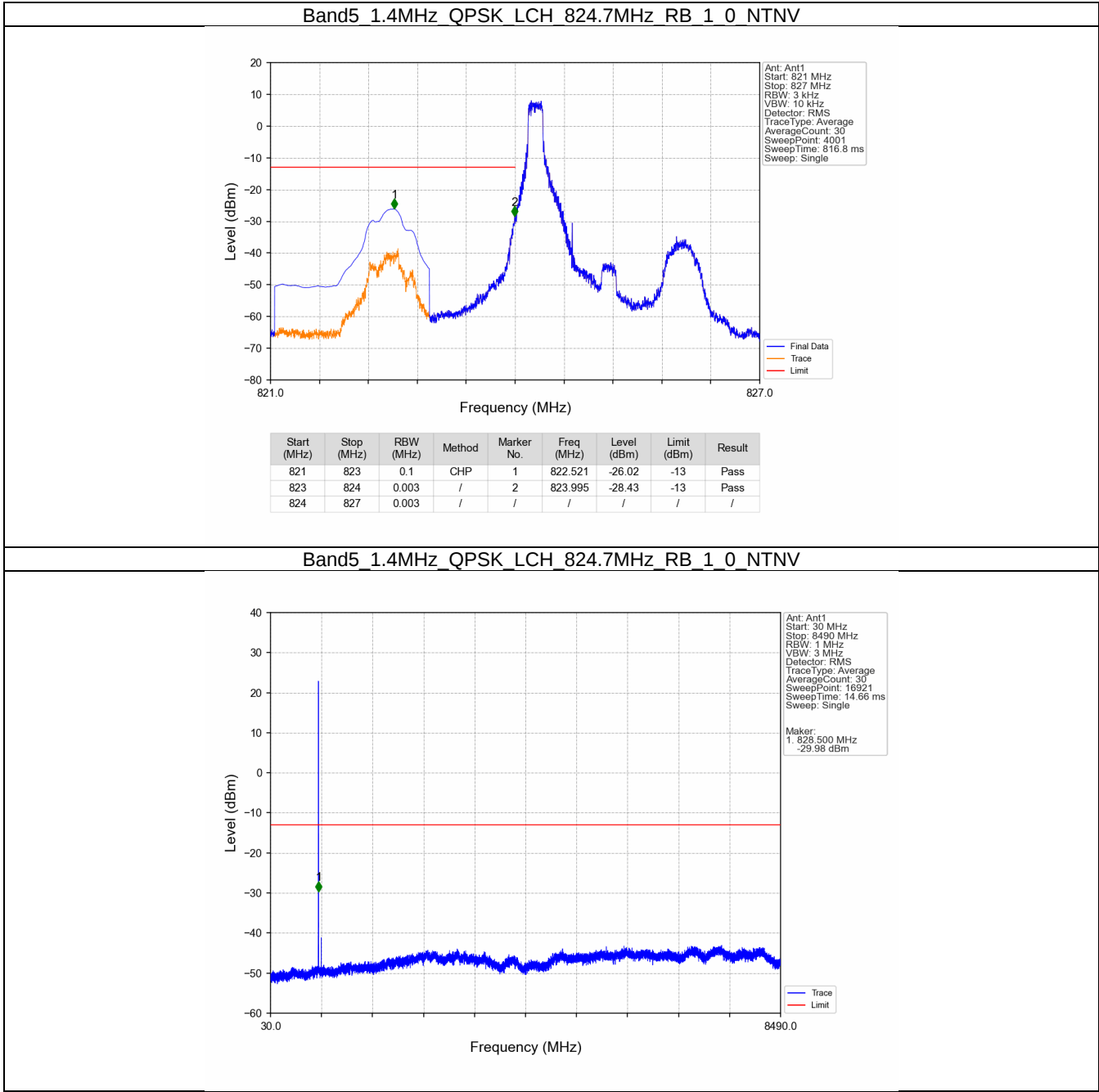
5.1.4 B5_10MHz

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

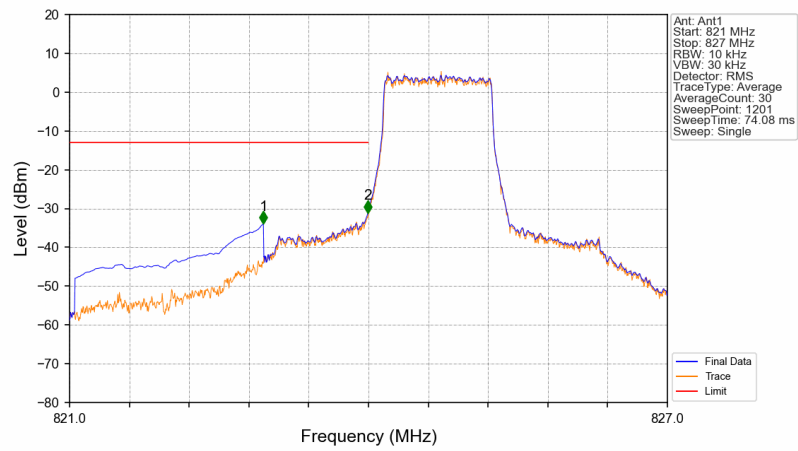
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 B5_1.4MHz

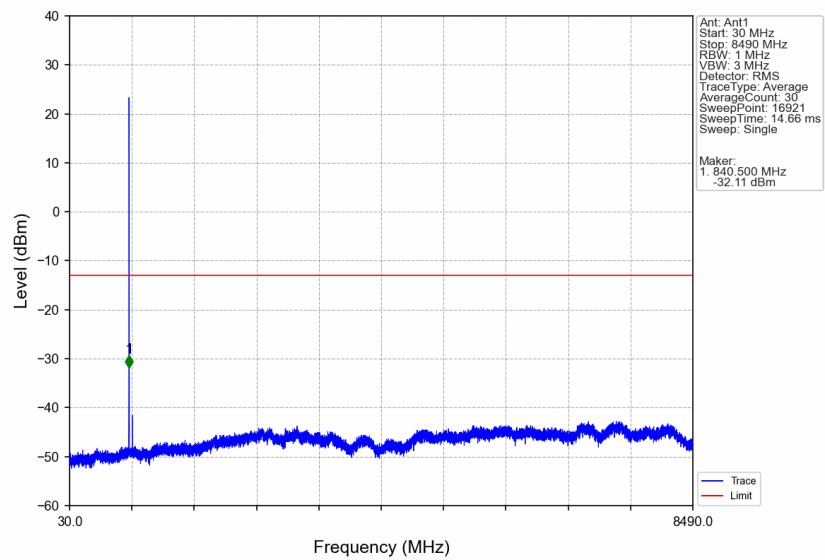


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

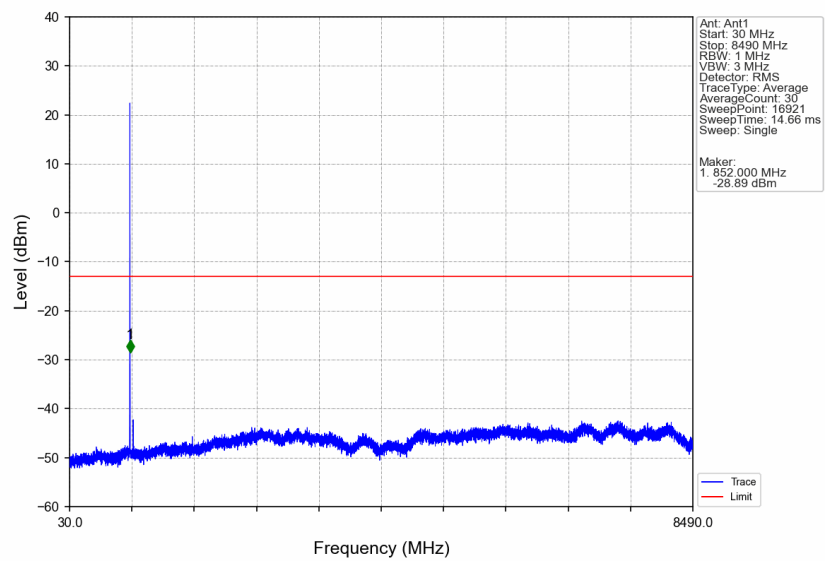


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-33.92	-13	Pass
823	824	0.013	CHP	2	823.995	-31.04	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

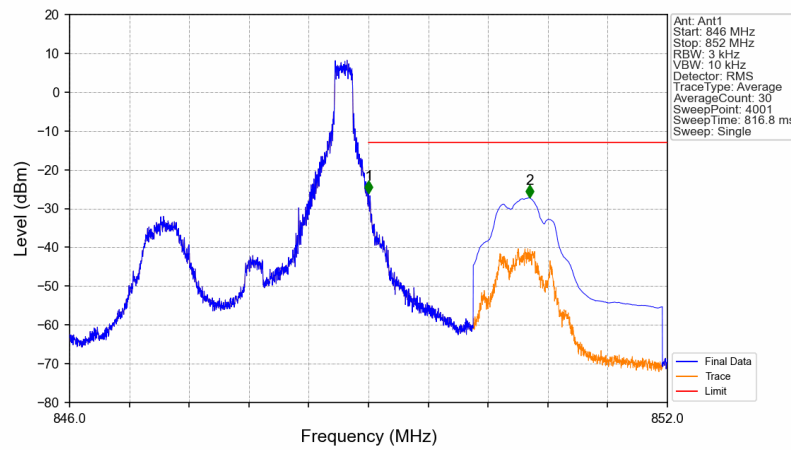
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

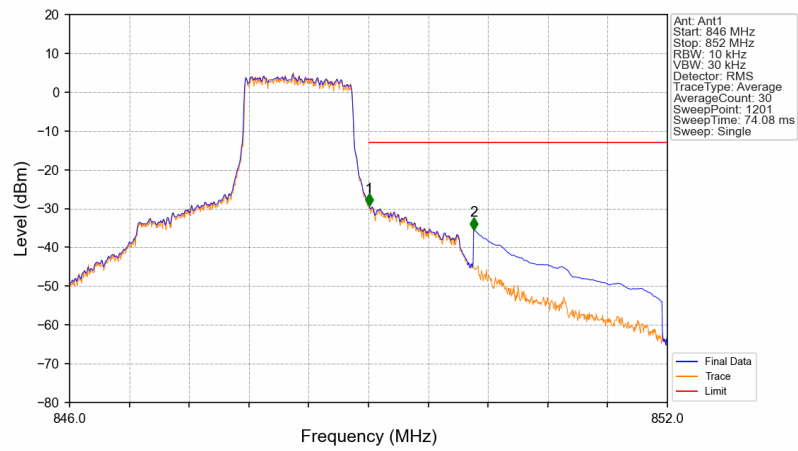


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



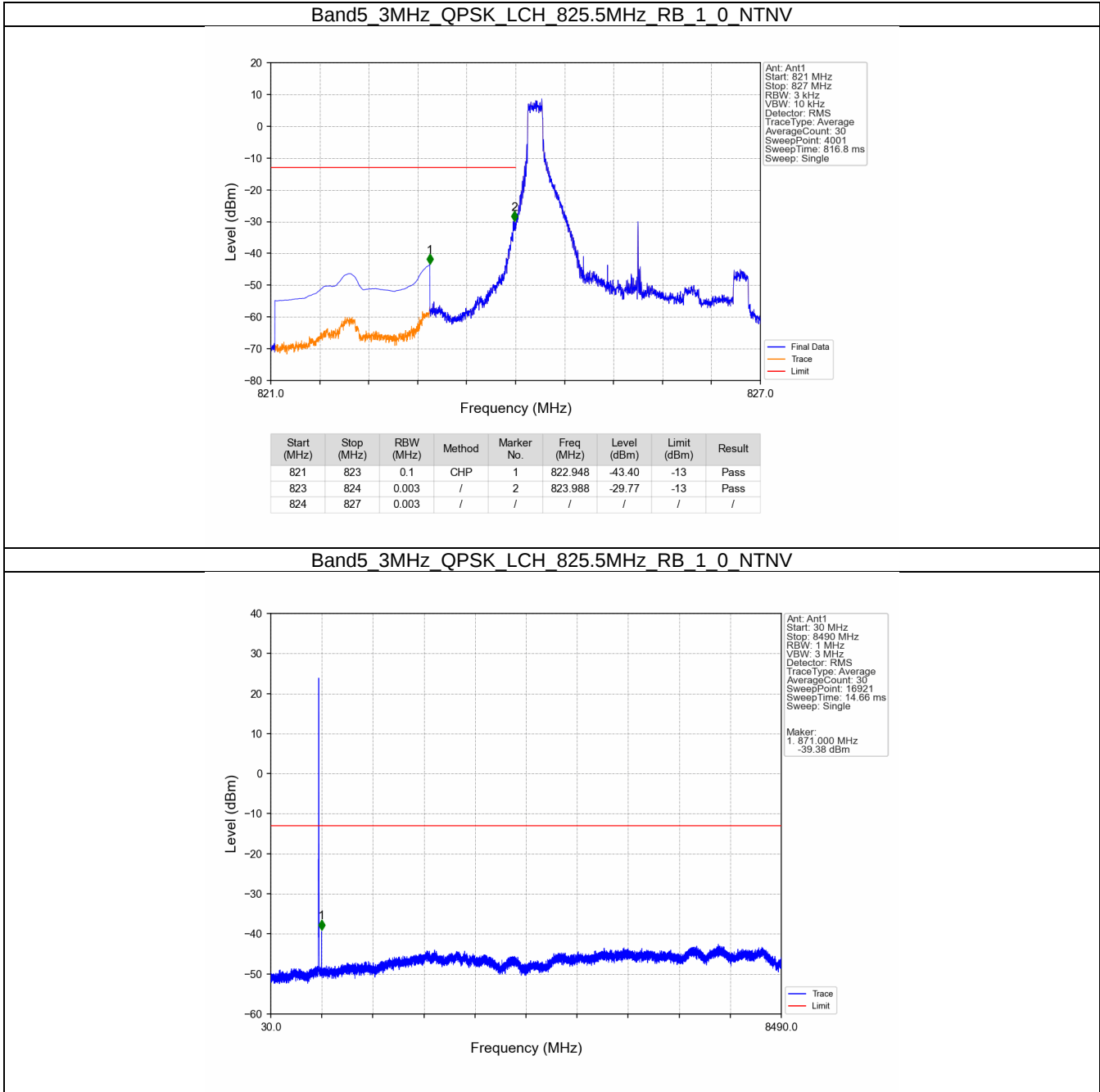
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-26.02	-13	Pass
850	852	0.1	CHP	2	850.617	-27.13	-13	Pass

Band5 1.4MHz QPSK_HCH 848.3MHz RB 6_0 NTNv

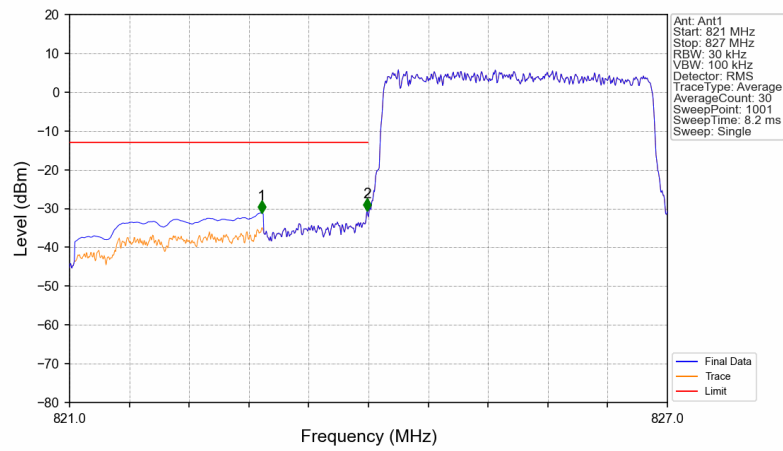


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-29.28	-13	Pass
850	852	0.1	CHP	2	850.055	-35.41	-13	Pass

5.2.2 B5_3MHz

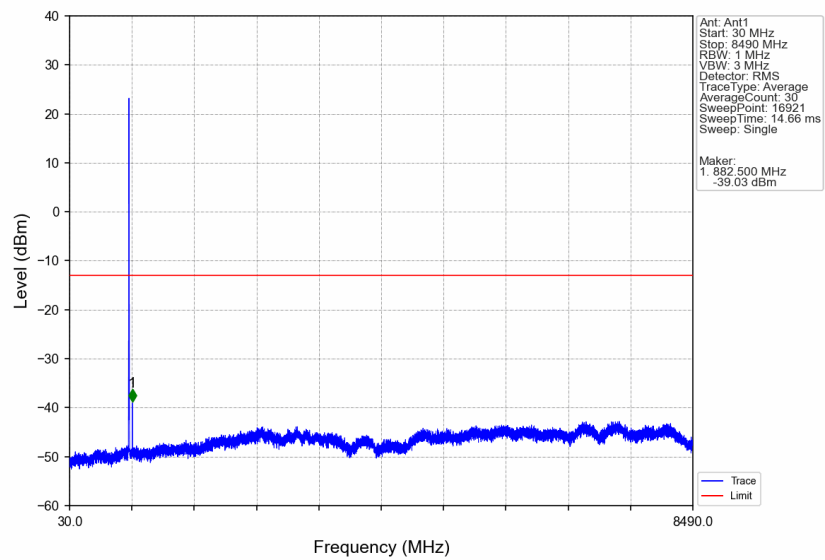


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

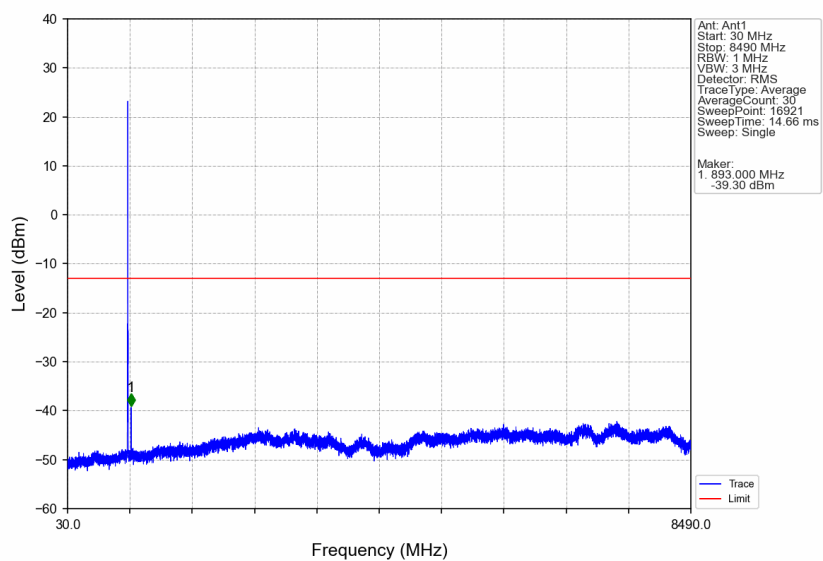


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.926	-31.12	-13	Pass
823	824	0.03	/	2	823.988	-30.66	-13	Pass
824	827	0.03	/	/	/	/	/	/

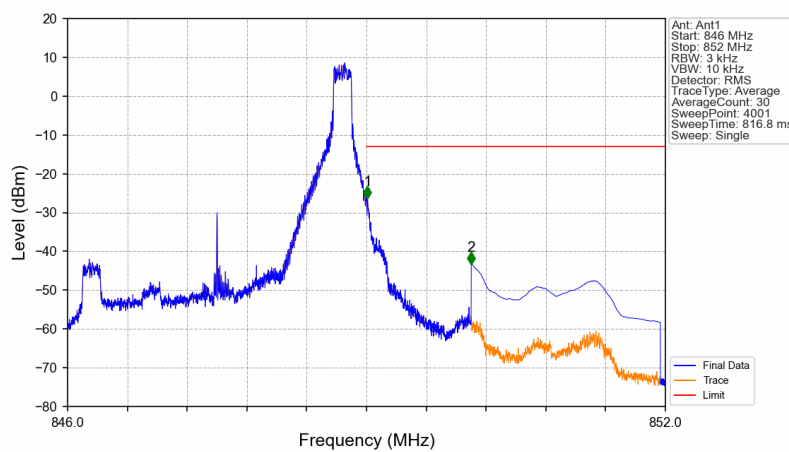
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

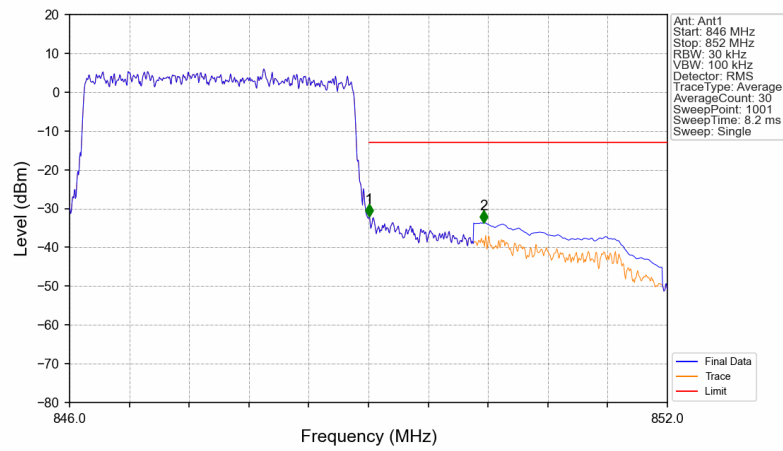


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



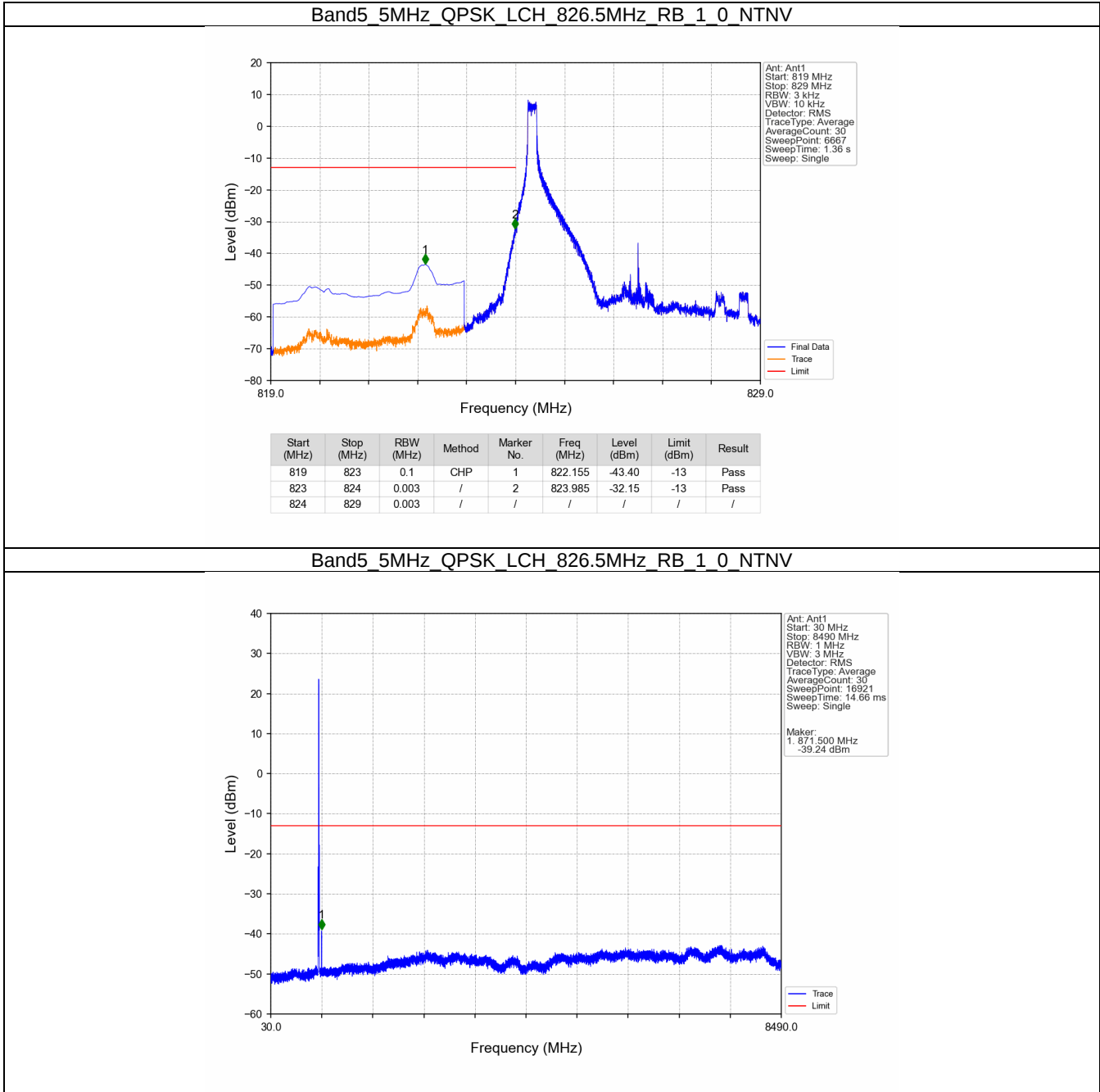
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.010	-26.40	-13	Pass
850	852	0.1	CHP	2	850.052	-43.37	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

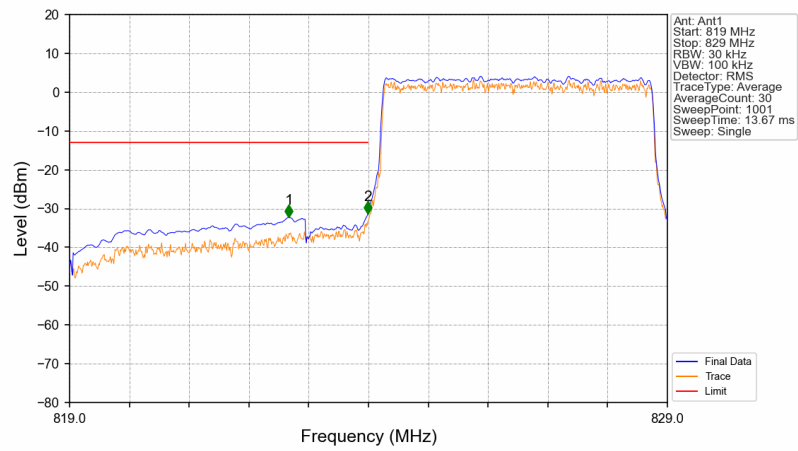


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-32.02	-13	Pass
850	852	0.1	CHP	2	850.158	-33.61	-13	Pass

5.2.3 B5_5MHz

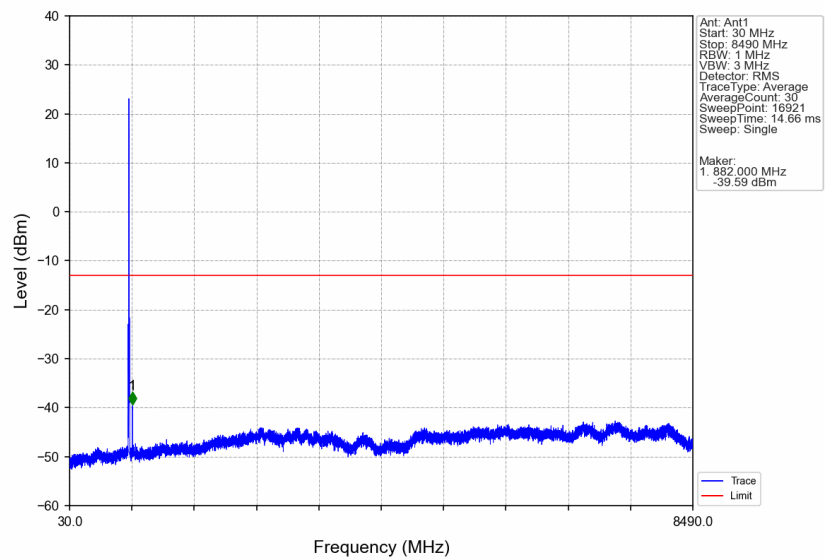


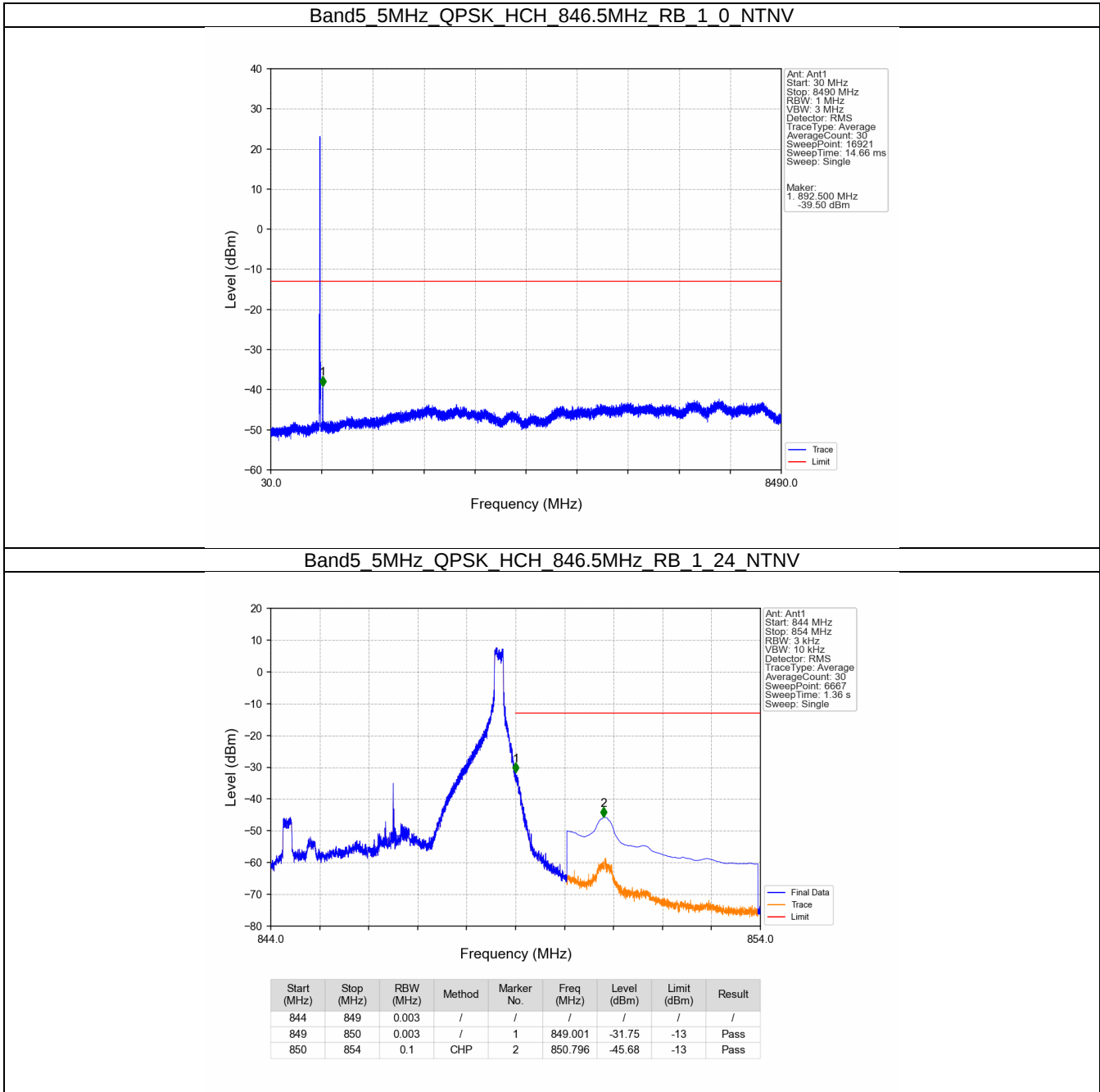
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



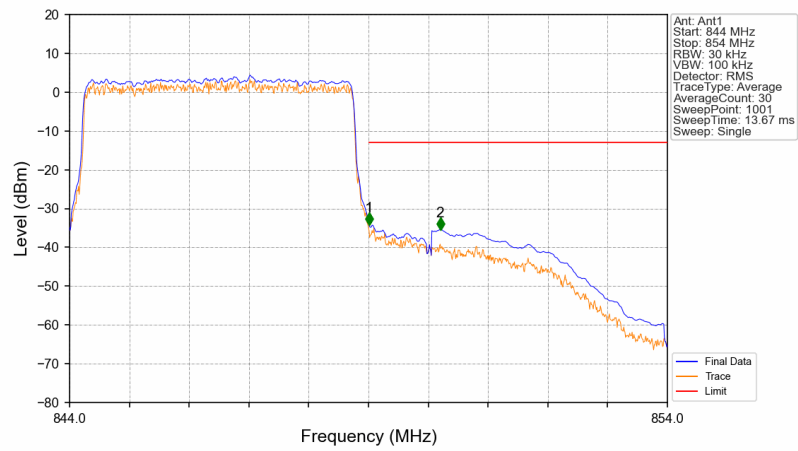
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.670	-32.23	-13	Pass
823	824	0.05	CHP	2	823.990	-31.32	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



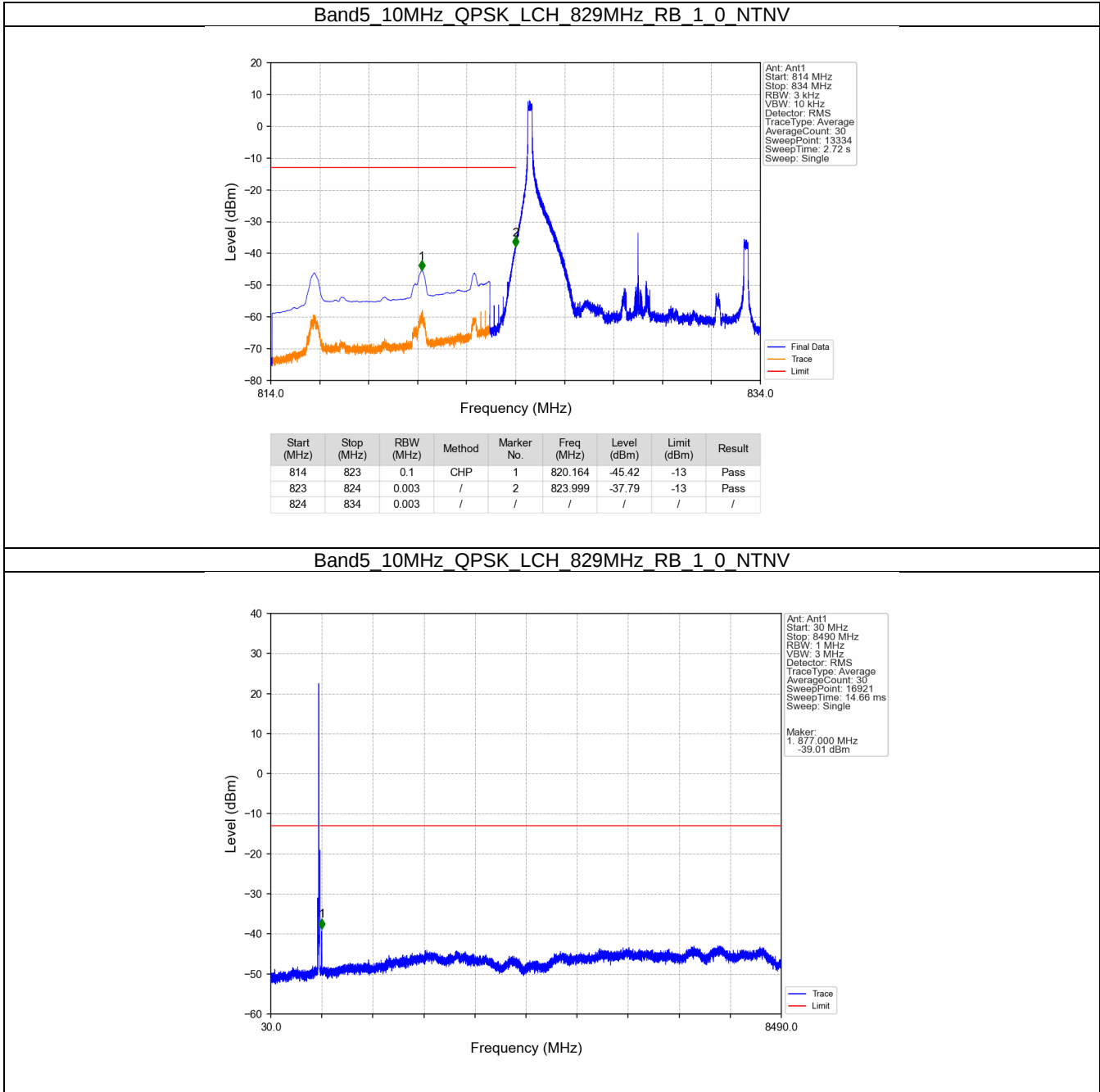


Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

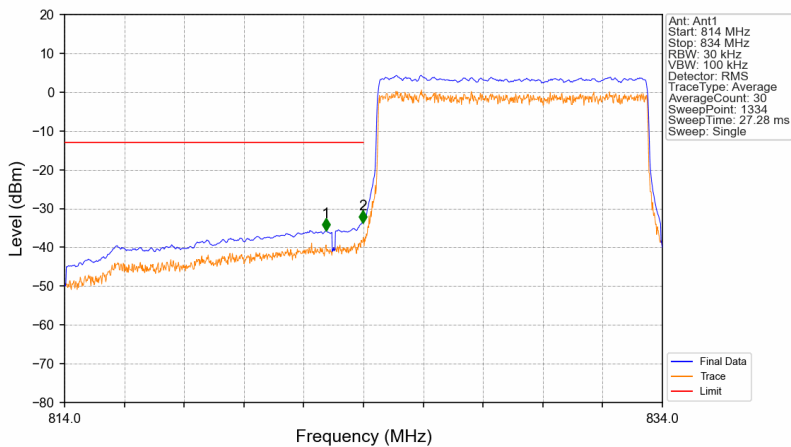


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-34.27	-13	Pass
850	854	0.1	CHP	2	850.200	-35.47	-13	Pass

5.2.4 B5_10MHz

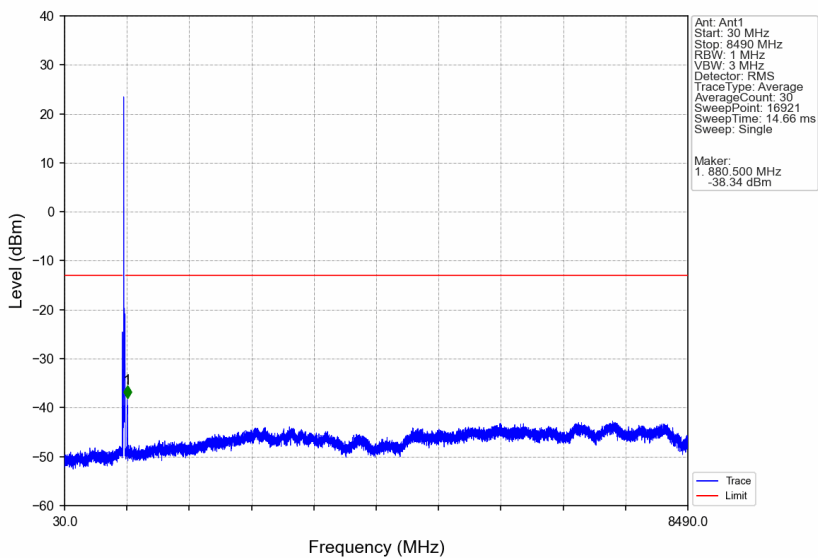


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

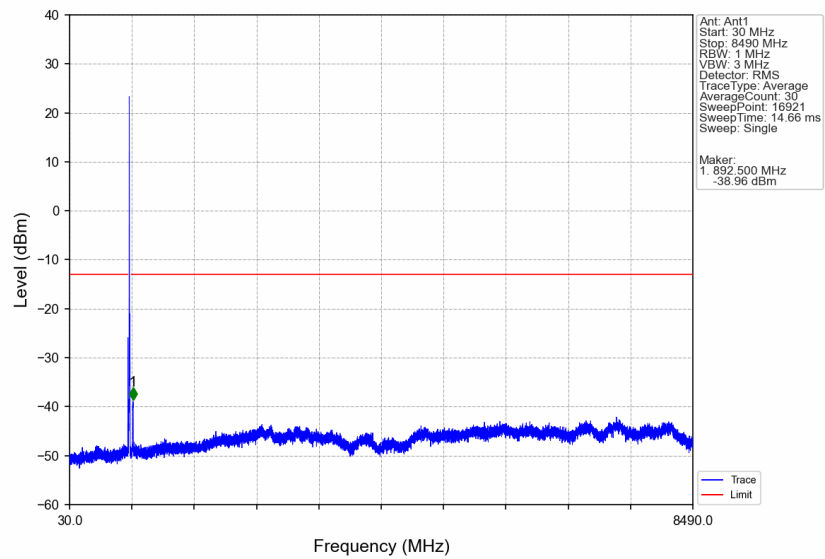


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.747	-35.67	-13	Pass
823	824	0.099	CHP	2	823.977	-33.66	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

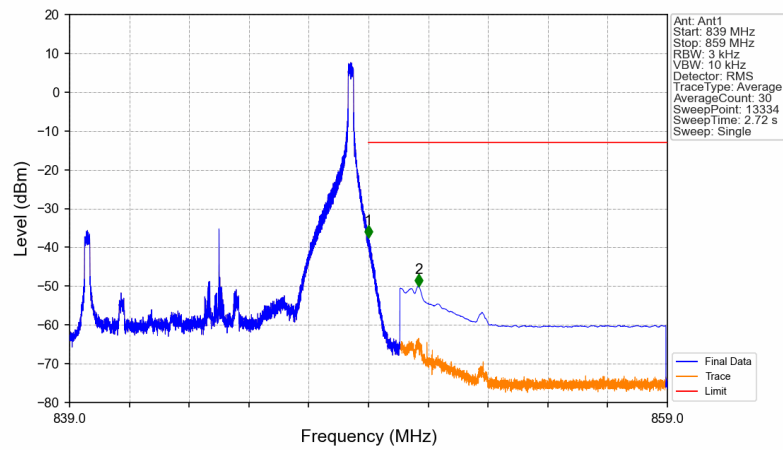
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

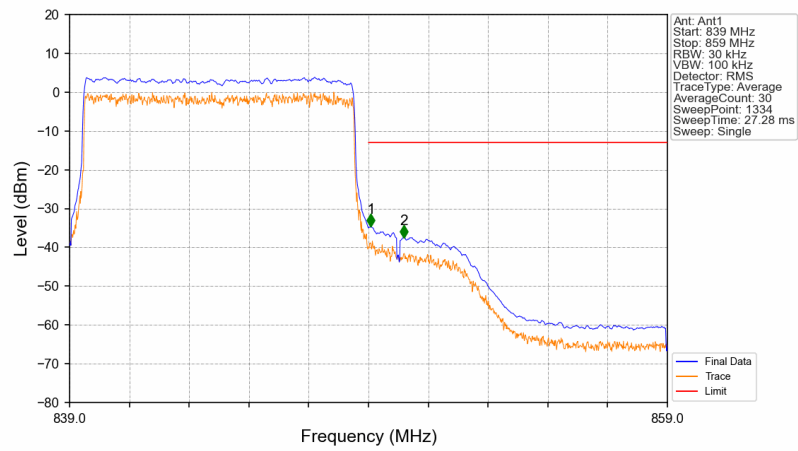


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	849.001	-37.54	-13	Pass
850	859	0.1	CHP	2	850.673	-50.11	-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	0.099	CHP	/	/	/	/	/
849	850	0.099	CHP	1	849.083	-34.56	-13	Pass
850	859	0.1	CHP	2	850.178	-37.47	-13	Pass