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	24.00	-1.28	20.57	<=38.45	Pass
			2	24.01	-1.28	20.58	<=38.45	Pass
			5	23.40	-1.28	19.97	<=38.45	Pass
		3	0	24.05	-1.28	20.62	<=38.45	Pass
			2	23.93	-1.28	20.50	<=38.45	Pass
			3	24.08	-1.28	20.65	<=38.45	Pass
		6	0	23.10	-1.28	19.67	<=38.45	Pass
	836.5	1	0	23.98	-1.28	20.55	<=38.45	Pass
			2	24.14	-1.28	20.71	<=38.45	Pass
			5	24.12	-1.28	20.69	<=38.45	Pass
		3	0	24.03	-1.28	20.60	<=38.45	Pass
			2	24.05	-1.28	20.62	<=38.45	Pass
			3	24.10	-1.28	20.67	<=38.45	Pass
		6	0	23.06	-1.28	19.63	<=38.45	Pass
	848.3	1	0	24.16	-1.28	20.73	<=38.45	Pass
			2	24.11	-1.28	20.68	<=38.45	Pass
			5	24.04	-1.28	20.61	<=38.45	Pass
		3	0	24.16	-1.28	20.73	<=38.45	Pass
			2	24.13	-1.28	20.70	<=38.45	Pass
			3	24.15	-1.28	20.72	<=38.45	Pass
		6	0	23.11	-1.28	19.68	<=38.45	Pass
16QAM	824.7	1	0	23.15	-1.28	19.72	<=38.45	Pass
			2	23.44	-1.28	20.01	<=38.45	Pass
			5	23.13	-1.28	19.70	<=38.45	Pass
		3	0	23.28	-1.28	19.85	<=38.45	Pass
			2	23.18	-1.28	19.75	<=38.45	Pass
			3	23.14	-1.28	19.71	<=38.45	Pass
		6	0	22.26	-1.28	18.83	<=38.45	Pass
	836.5	1	0	23.26	-1.28	19.83	<=38.45	Pass
			2	23.13	-1.28	19.70	<=38.45	Pass
			5	23.43	-1.28	20.00	<=38.45	Pass
		3	0	23.25	-1.28	19.82	<=38.45	Pass
			2	23.09	-1.28	19.66	<=38.45	Pass
			3	23.09	-1.28	19.66	<=38.45	Pass
		6	0	22.00	-1.28	18.57	<=38.45	Pass
	848.3	1	0	23.51	-1.28	20.08	<=38.45	Pass
			2	23.25	-1.28	19.82	<=38.45	Pass
			5	23.18	-1.28	19.75	<=38.45	Pass
		3	0	23.30	-1.28	19.87	<=38.45	Pass
			2	23.51	-1.28	20.08	<=38.45	Pass
			3	23.31	-1.28	19.88	<=38.45	Pass
		6	0	22.19	-1.28	18.76	<=38.45	Pass
64QAM	824.7	1	0	23.13	-1.28	19.70	<=38.45	Pass
			2	22.98	-1.28	19.55	<=38.45	Pass
			5	23.17	-1.28	19.74	<=38.45	Pass
		3	0	23.14	-1.28	19.71	<=38.45	Pass
			2	23.26	-1.28	19.83	<=38.45	Pass
			3	23.10	-1.28	19.67	<=38.45	Pass
		6	0	21.93	-1.28	18.50	<=38.45	Pass

	836.5	1	0	22.94	-1.28	19.51	<=38.45	Pass
			2	23.01	-1.28	19.58	<=38.45	Pass
			5	22.81	-1.28	19.38	<=38.45	Pass
		3	0	23.04	-1.28	19.61	<=38.45	Pass
			2	23.00	-1.28	19.57	<=38.45	Pass
			3	23.09	-1.28	19.66	<=38.45	Pass
		6	0	22.22	-1.28	18.79	<=38.45	Pass
	848.3	1	0	23.12	-1.28	19.69	<=38.45	Pass
			2	22.71	-1.28	19.28	<=38.45	Pass
			5	23.26	-1.28	19.83	<=38.45	Pass
		3	0	23.26	-1.28	19.83	<=38.45	Pass
			2	23.03	-1.28	19.60	<=38.45	Pass
			3	23.30	-1.28	19.87	<=38.45	Pass
		6	0	22.24	-1.28	18.81	<=38.45	Pass
256QAM	824.7	1	0	18.78	-1.28	15.35	<=38.45	Pass
			2	19.24	-1.28	15.81	<=38.45	Pass
			5	19.18	-1.28	15.75	<=38.45	Pass
		3	0	19.28	-1.28	15.85	<=38.45	Pass
			2	19.41	-1.28	15.98	<=38.45	Pass
			3	19.16	-1.28	15.73	<=38.45	Pass
		6	0	19.21	-1.28	15.78	<=38.45	Pass
	836.5	1	0	19.28	-1.28	15.85	<=38.45	Pass
			2	19.29	-1.28	15.86	<=38.45	Pass
			5	19.11	-1.28	15.68	<=38.45	Pass
		3	0	19.15	-1.28	15.72	<=38.45	Pass
			2	19.13	-1.28	15.70	<=38.45	Pass
			3	19.25	-1.28	15.82	<=38.45	Pass
		6	0	19.15	-1.28	15.72	<=38.45	Pass
	848.3	1	0	19.36	-1.28	15.93	<=38.45	Pass
			2	19.19	-1.28	15.76	<=38.45	Pass
			5	19.39	-1.28	15.96	<=38.45	Pass
		3	0	19.31	-1.28	15.88	<=38.45	Pass
			2	19.22	-1.28	15.79	<=38.45	Pass
			3	19.06	-1.28	15.63	<=38.45	Pass
		6	0	19.08	-1.28	15.65	<=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	24.05	-1.28	20.62	<=38.45	Pass
			7	24.22	-1.28	20.79	<=38.45	Pass
			14	24.29	-1.28	20.86	<=38.45	Pass
		8	0	23.22	-1.28	19.79	<=38.45	Pass
			4	23.30	-1.28	19.87	<=38.45	Pass
			7	23.13	-1.28	19.70	<=38.45	Pass
		15	0	23.16	-1.28	19.73	<=38.45	Pass
	836.5	1	0	24.11	-1.28	20.68	<=38.45	Pass
			7	24.37	-1.28	20.94	<=38.45	Pass
			14	23.98	-1.28	20.55	<=38.45	Pass
		8	0	23.14	-1.28	19.71	<=38.45	Pass
			4	23.20	-1.28	19.77	<=38.45	Pass
			7	23.19	-1.28	19.76	<=38.45	Pass
		15	0	23.18	-1.28	19.75	<=38.45	Pass
	847.5	1	0	24.21	-1.28	20.78	<=38.45	Pass

			7	24.50	-1.28	21.07	<=38.45	Pass
			14	24.10	-1.28	20.67	<=38.45	Pass
		8	0	23.23	-1.28	19.80	<=38.45	Pass
			4	23.30	-1.28	19.87	<=38.45	Pass
			7	23.23	-1.28	19.80	<=38.45	Pass
		15	0	23.27	-1.28	19.84	<=38.45	Pass
16QAM	825.5	1	0	23.33	-1.28	19.90	<=38.45	Pass
			7	23.76	-1.28	20.33	<=38.45	Pass
			14	22.58	-1.28	19.15	<=38.45	Pass
		8	0	22.28	-1.28	18.85	<=38.45	Pass
			4	22.41	-1.28	18.98	<=38.45	Pass
			7	22.25	-1.28	18.82	<=38.45	Pass
		15	0	22.25	-1.28	18.82	<=38.45	Pass
	836.5	1	0	23.38	-1.28	19.95	<=38.45	Pass
			7	23.31	-1.28	19.88	<=38.45	Pass
			14	23.16	-1.28	19.73	<=38.45	Pass
		8	0	22.26	-1.28	18.83	<=38.45	Pass
			4	22.21	-1.28	18.78	<=38.45	Pass
			7	22.26	-1.28	18.83	<=38.45	Pass
		15	0	22.26	-1.28	18.83	<=38.45	Pass
	847.5	1	0	22.98	-1.28	19.55	<=38.45	Pass
			7	23.40	-1.28	19.97	<=38.45	Pass
			14	23.40	-1.28	19.97	<=38.45	Pass
		8	0	22.29	-1.28	18.86	<=38.45	Pass
			4	22.07	-1.28	18.64	<=38.45	Pass
			7	22.30	-1.28	18.87	<=38.45	Pass
		15	0	22.37	-1.28	18.94	<=38.45	Pass
64QAM	825.5	1	0	23.05	-1.28	19.62	<=38.45	Pass
			7	22.95	-1.28	19.52	<=38.45	Pass
			14	22.96	-1.28	19.53	<=38.45	Pass
		8	0	22.19	-1.28	18.76	<=38.45	Pass
			4	22.29	-1.28	18.86	<=38.45	Pass
			7	22.19	-1.28	18.76	<=38.45	Pass
		15	0	22.24	-1.28	18.81	<=38.45	Pass
	836.5	1	0	22.96	-1.28	19.53	<=38.45	Pass
			7	22.84	-1.28	19.41	<=38.45	Pass
			14	22.90	-1.28	19.47	<=38.45	Pass
		8	0	22.16	-1.28	18.73	<=38.45	Pass
			4	22.26	-1.28	18.83	<=38.45	Pass
			7	22.20	-1.28	18.77	<=38.45	Pass
		15	0	22.22	-1.28	18.79	<=38.45	Pass
	847.5	1	0	23.15	-1.28	19.72	<=38.45	Pass
			7	23.19	-1.28	19.76	<=38.45	Pass
			14	23.17	-1.28	19.74	<=38.45	Pass
		8	0	22.29	-1.28	18.86	<=38.45	Pass
			4	22.34	-1.28	18.91	<=38.45	Pass
			7	22.02	-1.28	18.59	<=38.45	Pass
		15	0	22.33	-1.28	18.90	<=38.45	Pass
256QAM	825.5	1	0	19.09	-1.28	15.66	<=38.45	Pass
			7	19.25	-1.28	15.82	<=38.45	Pass
			14	19.28	-1.28	15.85	<=38.45	Pass
		8	0	19.28	-1.28	15.85	<=38.45	Pass
			4	19.27	-1.28	15.84	<=38.45	Pass
			7	19.15	-1.28	15.72	<=38.45	Pass
		15	0	19.25	-1.28	15.82	<=38.45	Pass
	836.5	1	0	18.99	-1.28	15.56	<=38.45	Pass
			7	18.84	-1.28	15.41	<=38.45	Pass
			14	19.07	-1.28	15.64	<=38.45	Pass
		8	0	19.15	-1.28	15.72	<=38.45	Pass

			4	19.24	-1.28	15.81	<=38.45	Pass
			7	19.30	-1.28	15.87	<=38.45	Pass
		15	0	19.21	-1.28	15.78	<=38.45	Pass
	847.5	1	0	19.22	-1.28	15.79	<=38.45	Pass
			7	19.43	-1.28	16.00	<=38.45	Pass
			14	19.12	-1.28	15.69	<=38.45	Pass
		8	0	19.27	-1.28	15.84	<=38.45	Pass
			4	19.27	-1.28	15.84	<=38.45	Pass
			7	19.31	-1.28	15.88	<=38.45	Pass
		15	0	19.23	-1.28	15.80	<=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	24.30	-1.28	20.87	<=38.45	Pass
			13	24.28	-1.28	20.85	<=38.45	Pass
			24	24.02	-1.28	20.59	<=38.45	Pass
		12	0	23.22	-1.28	19.79	<=38.45	Pass
			6	23.27	-1.28	19.84	<=38.45	Pass
			13	23.19	-1.28	19.76	<=38.45	Pass
		25	0	23.18	-1.28	19.75	<=38.45	Pass
	836.5	1	0	24.29	-1.28	20.86	<=38.45	Pass
			13	24.28	-1.28	20.85	<=38.45	Pass
			24	24.14	-1.28	20.71	<=38.45	Pass
		12	0	23.16	-1.28	19.73	<=38.45	Pass
			6	23.33	-1.28	19.90	<=38.45	Pass
			13	23.18	-1.28	19.75	<=38.45	Pass
		25	0	23.16	-1.28	19.73	<=38.45	Pass
	846.5	1	0	24.23	-1.28	20.80	<=38.45	Pass
			13	24.31	-1.28	20.88	<=38.45	Pass
			24	24.27	-1.28	20.84	<=38.45	Pass
		12	0	23.34	-1.28	19.91	<=38.45	Pass
			6	23.32	-1.28	19.89	<=38.45	Pass
			13	23.22	-1.28	19.79	<=38.45	Pass
		25	0	23.26	-1.28	19.83	<=38.45	Pass
16QAM	826.5	1	0	23.30	-1.28	19.87	<=38.45	Pass
			13	23.30	-1.28	19.87	<=38.45	Pass
			24	22.80	-1.28	19.37	<=38.45	Pass
		12	0	22.17	-1.28	18.74	<=38.45	Pass
			6	22.16	-1.28	18.73	<=38.45	Pass
			13	22.26	-1.28	18.83	<=38.45	Pass
		25	0	22.26	-1.28	18.83	<=38.45	Pass
	836.5	1	0	22.62	-1.28	19.19	<=38.45	Pass
			13	23.30	-1.28	19.87	<=38.45	Pass
			24	23.07	-1.28	19.64	<=38.45	Pass
		12	0	22.17	-1.28	18.74	<=38.45	Pass
			6	22.26	-1.28	18.83	<=38.45	Pass
			13	22.26	-1.28	18.83	<=38.45	Pass
		25	0	22.23	-1.28	18.80	<=38.45	Pass
	846.5	1	0	23.34	-1.28	19.91	<=38.45	Pass
			13	23.49	-1.28	20.06	<=38.45	Pass
			24	23.39	-1.28	19.96	<=38.45	Pass
		12	0	22.28	-1.28	18.85	<=38.45	Pass
			6	22.39	-1.28	18.96	<=38.45	Pass

			13	22.11	-1.28	18.68	<=38.45	Pass
		25	0	22.31	-1.28	18.88	<=38.45	Pass
64QAM	826.5	1	0	22.77	-1.28	19.34	<=38.45	Pass
			13	23.21	-1.28	19.78	<=38.45	Pass
			24	23.36	-1.28	19.93	<=38.45	Pass
		12	0	22.25	-1.28	18.82	<=38.45	Pass
			6	22.27	-1.28	18.84	<=38.45	Pass
			13	22.12	-1.28	18.69	<=38.45	Pass
		25	0	22.24	-1.28	18.81	<=38.45	Pass
	836.5	1	0	22.70	-1.28	19.27	<=38.45	Pass
			13	22.78	-1.28	19.35	<=38.45	Pass
			24	23.31	-1.28	19.88	<=38.45	Pass
		12	0	22.27	-1.28	18.84	<=38.45	Pass
			6	22.28	-1.28	18.85	<=38.45	Pass
			13	22.20	-1.28	18.77	<=38.45	Pass
		25	0	22.29	-1.28	18.86	<=38.45	Pass
	846.5	1	0	22.92	-1.28	19.49	<=38.45	Pass
			13	23.70	-1.28	20.27	<=38.45	Pass
			24	23.04	-1.28	19.61	<=38.45	Pass
		12	0	22.30	-1.28	18.87	<=38.45	Pass
			6	22.33	-1.28	18.90	<=38.45	Pass
			13	22.26	-1.28	18.83	<=38.45	Pass
		25	0	22.33	-1.28	18.90	<=38.45	Pass
256QAM	826.5	1	0	19.16	-1.28	15.73	<=38.45	Pass
			13	19.19	-1.28	15.76	<=38.45	Pass
			24	18.50	-1.28	15.07	<=38.45	Pass
		12	0	19.26	-1.28	15.83	<=38.45	Pass
			6	19.24	-1.28	15.81	<=38.45	Pass
			13	19.23	-1.28	15.80	<=38.45	Pass
		25	0	19.20	-1.28	15.77	<=38.45	Pass
	836.5	1	0	19.05	-1.28	15.62	<=38.45	Pass
			13	18.97	-1.28	15.54	<=38.45	Pass
			24	19.25	-1.28	15.82	<=38.45	Pass
		12	0	19.09	-1.28	15.66	<=38.45	Pass
			6	19.25	-1.28	15.82	<=38.45	Pass
			13	19.19	-1.28	15.76	<=38.45	Pass
		25	0	19.18	-1.28	15.75	<=38.45	Pass
	846.5	1	0	19.19	-1.28	15.76	<=38.45	Pass
			13	18.84	-1.28	15.41	<=38.45	Pass
			24	18.93	-1.28	15.50	<=38.45	Pass
		12	0	19.31	-1.28	15.88	<=38.45	Pass
			6	19.31	-1.28	15.88	<=38.45	Pass
			13	19.16	-1.28	15.73	<=38.45	Pass
		25	0	19.24	-1.28	15.81	<=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	24.23	-1.28	20.80	<=38.45	Pass
			25	24.40	-1.28	20.97	<=38.45	Pass
			49	24.19	-1.28	20.76	<=38.45	Pass
		25	0	23.26	-1.28	19.83	<=38.45	Pass
			13	23.21	-1.28	19.78	<=38.45	Pass
			25	23.25	-1.28	19.82	<=38.45	Pass

		50	0	23.21	-1.28	19.78	<=38.45	Pass
	836.5	1	0	24.21	-1.28	20.78	<=38.45	Pass
			25	24.17	-1.28	20.74	<=38.45	Pass
			49	24.23	-1.28	20.80	<=38.45	Pass
		25	0	23.21	-1.28	19.78	<=38.45	Pass
			13	23.27	-1.28	19.84	<=38.45	Pass
			25	23.27	-1.28	19.84	<=38.45	Pass
		50	0	23.26	-1.28	19.83	<=38.45	Pass
	844	1	0	24.43	-1.28	21.00	<=38.45	Pass
			25	24.27	-1.28	20.84	<=38.45	Pass
			49	24.31	-1.28	20.88	<=38.45	Pass
		25	0	23.41	-1.28	19.98	<=38.45	Pass
			13	23.26	-1.28	19.83	<=38.45	Pass
			25	23.29	-1.28	19.86	<=38.45	Pass
		50	0	23.23	-1.28	19.80	<=38.45	Pass
16QAM	829	1	0	23.18	-1.28	19.75	<=38.45	Pass
			25	23.43	-1.28	20.00	<=38.45	Pass
			49	22.89	-1.28	19.46	<=38.45	Pass
		25	0	22.23	-1.28	18.80	<=38.45	Pass
			13	22.26	-1.28	18.83	<=38.45	Pass
			25	22.28	-1.28	18.85	<=38.45	Pass
		50	0	22.27	-1.28	18.84	<=38.45	Pass
	836.5	1	0	22.81	-1.28	19.38	<=38.45	Pass
			25	23.19	-1.28	19.76	<=38.45	Pass
			49	22.89	-1.28	19.46	<=38.45	Pass
		25	0	22.18	-1.28	18.75	<=38.45	Pass
			13	22.29	-1.28	18.86	<=38.45	Pass
			25	22.19	-1.28	18.76	<=38.45	Pass
		50	0	22.29	-1.28	18.86	<=38.45	Pass
	844	1	0	23.33	-1.28	19.90	<=38.45	Pass
			25	23.34	-1.28	19.91	<=38.45	Pass
			49	23.21	-1.28	19.78	<=38.45	Pass
		25	0	22.11	-1.28	18.68	<=38.45	Pass
			13	22.29	-1.28	18.86	<=38.45	Pass
			25	22.31	-1.28	18.88	<=38.45	Pass
		50	0	22.23	-1.28	18.80	<=38.45	Pass
64QAM	829	1	0	23.05	-1.28	19.62	<=38.45	Pass
			25	22.72	-1.28	19.29	<=38.45	Pass
			49	23.07	-1.28	19.64	<=38.45	Pass
		25	0	22.29	-1.28	18.86	<=38.45	Pass
			13	22.25	-1.28	18.82	<=38.45	Pass
			25	22.21	-1.28	18.78	<=38.45	Pass
		50	0	22.27	-1.28	18.84	<=38.45	Pass
	836.5	1	0	23.15	-1.28	19.72	<=38.45	Pass
			25	23.34	-1.28	19.91	<=38.45	Pass
			49	23.18	-1.28	19.75	<=38.45	Pass
		25	0	22.20	-1.28	18.77	<=38.45	Pass
			13	22.30	-1.28	18.87	<=38.45	Pass
			25	22.19	-1.28	18.76	<=38.45	Pass
		50	0	22.29	-1.28	18.86	<=38.45	Pass
	844	1	0	23.38	-1.28	19.95	<=38.45	Pass
			25	23.16	-1.28	19.73	<=38.45	Pass
			49	23.18	-1.28	19.75	<=38.45	Pass
		25	0	22.22	-1.28	18.79	<=38.45	Pass
			13	22.27	-1.28	18.84	<=38.45	Pass
			25	22.31	-1.28	18.88	<=38.45	Pass
		50	0	22.25	-1.28	18.82	<=38.45	Pass
256QAM	829	1	0	19.01	-1.28	15.58	<=38.45	Pass
			25	19.56	-1.28	16.13	<=38.45	Pass

			49	18.98	-1.28	15.55	<=38.45	Pass
		25	0	19.05	-1.28	15.62	<=38.45	Pass
			13	19.21	-1.28	15.78	<=38.45	Pass
			25	19.18	-1.28	15.75	<=38.45	Pass
		50	0	19.22	-1.28	15.79	<=38.45	Pass
	836.5	1	0	19.04	-1.28	15.61	<=38.45	Pass
			25	19.23	-1.28	15.80	<=38.45	Pass
			49	19.19	-1.28	15.76	<=38.45	Pass
		25	0	19.08	-1.28	15.65	<=38.45	Pass
			13	19.25	-1.28	15.82	<=38.45	Pass
			25	19.23	-1.28	15.80	<=38.45	Pass
		50	0	19.21	-1.28	15.78	<=38.45	Pass
	844	1	0	19.47	-1.28	16.04	<=38.45	Pass
			25	19.33	-1.28	15.90	<=38.45	Pass
			49	19.33	-1.28	15.90	<=38.45	Pass
		25	0	19.19	-1.28	15.76	<=38.45	Pass
			13	19.25	-1.28	15.82	<=38.45	Pass
			25	19.28	-1.28	15.85	<=38.45	Pass
		50	0	19.30	-1.28	15.87	<=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	LV	-0.100	-0.0001	-2.5 to 2.5	Pass
					HV	0.600	0.0007	-2.5 to 2.5	Pass
					NV	0.300	0.0004	-2.5 to 2.5	Pass
				-30	NV	-0.900	-0.0011	-2.5 to 2.5	Pass
				-20	NV	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	NV	-0.900	-0.0011	-2.5 to 2.5	Pass
				0	NV	0.400	0.0005	-2.5 to 2.5	Pass
				10	NV	-0.700	-0.0008	-2.5 to 2.5	Pass
				30	NV	0.100	0.0001	-2.5 to 2.5	Pass
				40	NV	-1.200	-0.0014	-2.5 to 2.5	Pass
				50	NV	0.200	0.0002	-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	1.122	/	Pass
	16QAM	836.5	6	0	1.128	/	Pass
3	QPSK	836.5	15	0	2.740	/	Pass
	16QAM	836.5	15	0	2.762	/	Pass
5	QPSK	836.5	25	0	4.560	/	Pass
	16QAM	836.5	25	0	4.554	/	Pass
10	QPSK	836.5	50	0	9.074	/	Pass
	16QAM	836.5	50	0	9.080	/	Pass

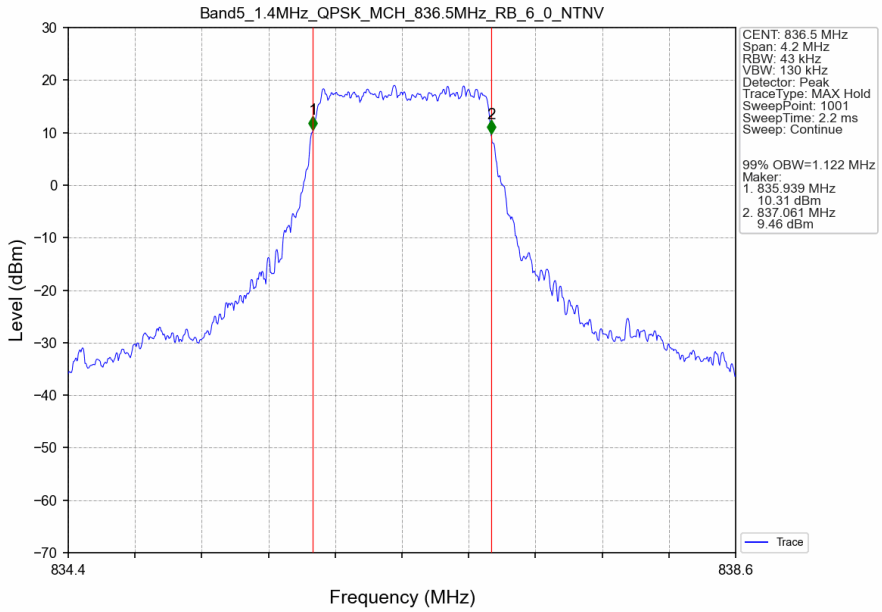
3.1.2 Band5_XDB

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	1.398	/	Pass
	16QAM	836.5	6	0	1.400	/	Pass
3	QPSK	836.5	15	0	3.112	/	Pass
	16QAM	836.5	15	0	3.127	/	Pass
5	QPSK	836.5	25	0	5.249	/	Pass
	16QAM	836.5	25	0	5.227	/	Pass
10	QPSK	836.5	50	0	10.198	/	Pass
	16QAM	836.5	50	0	10.260	/	Pass

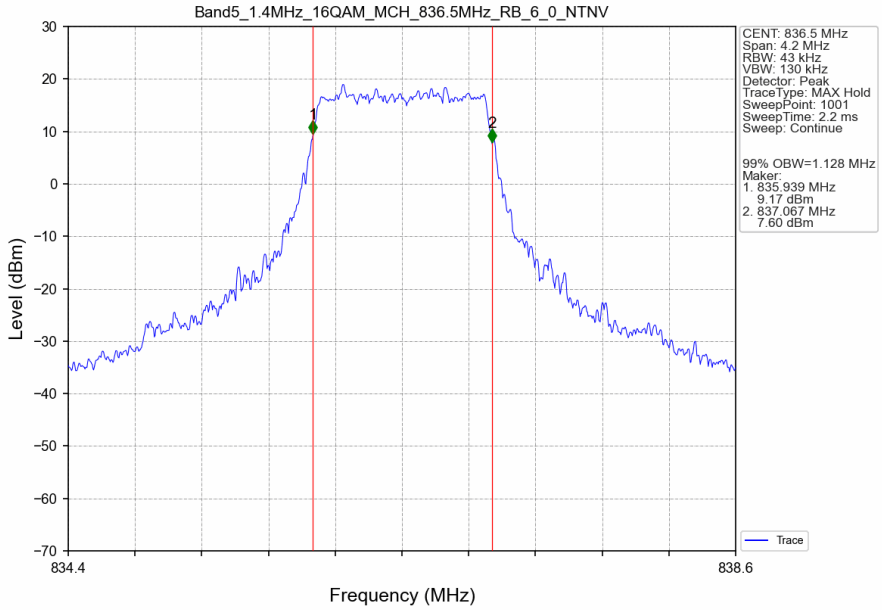
3.2 Test Graph

3.2.1 Band5_OBW

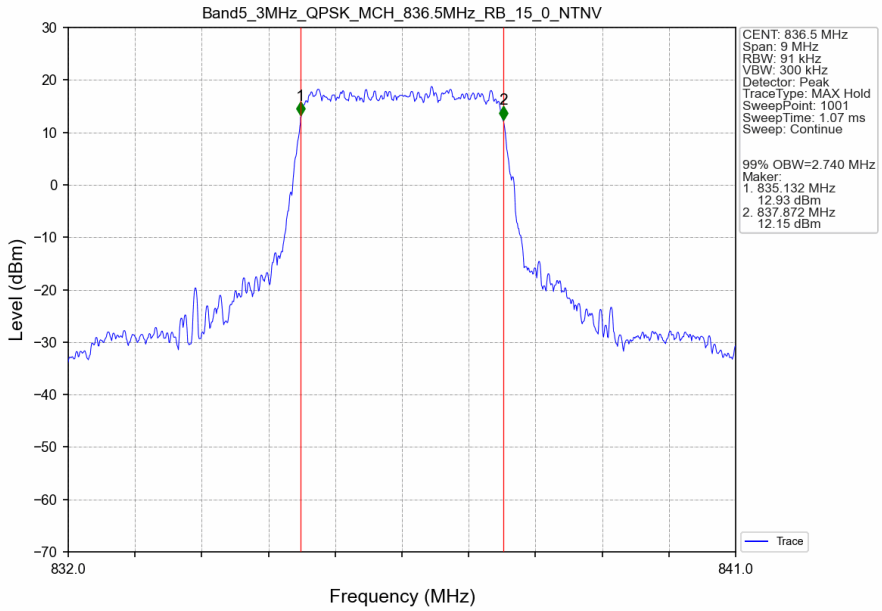
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



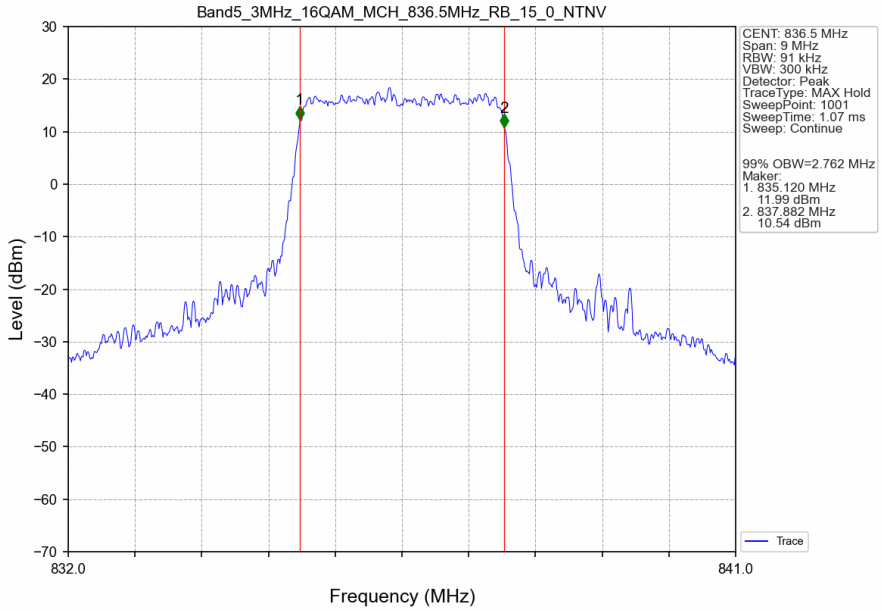
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



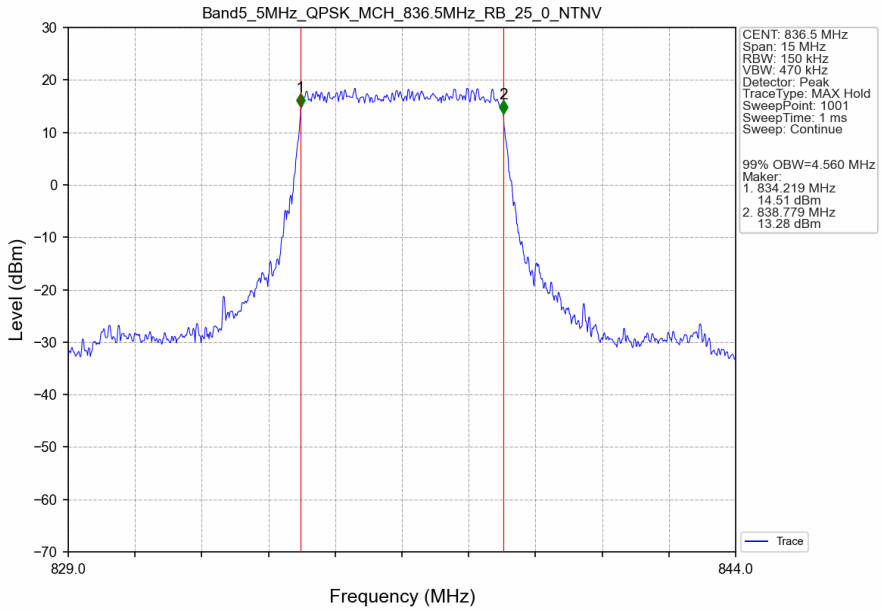
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



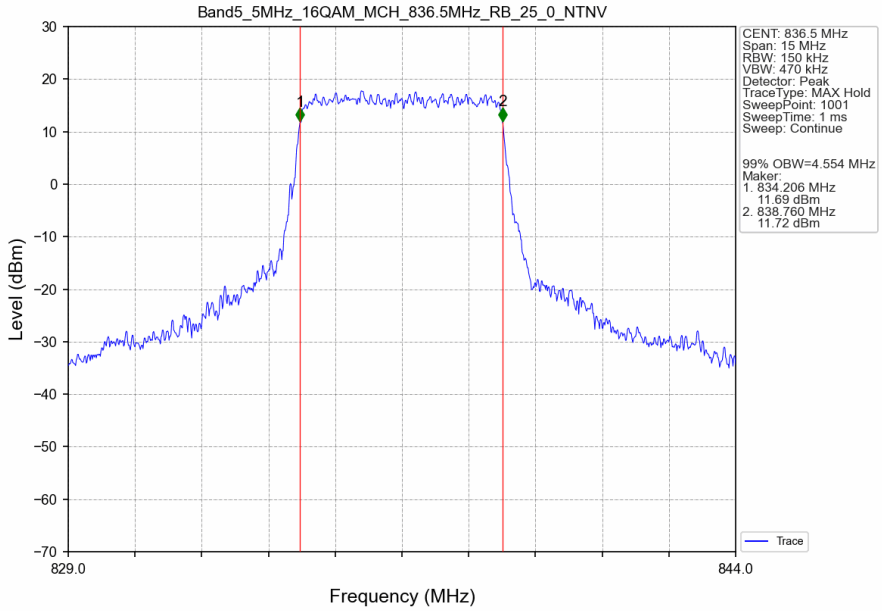
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



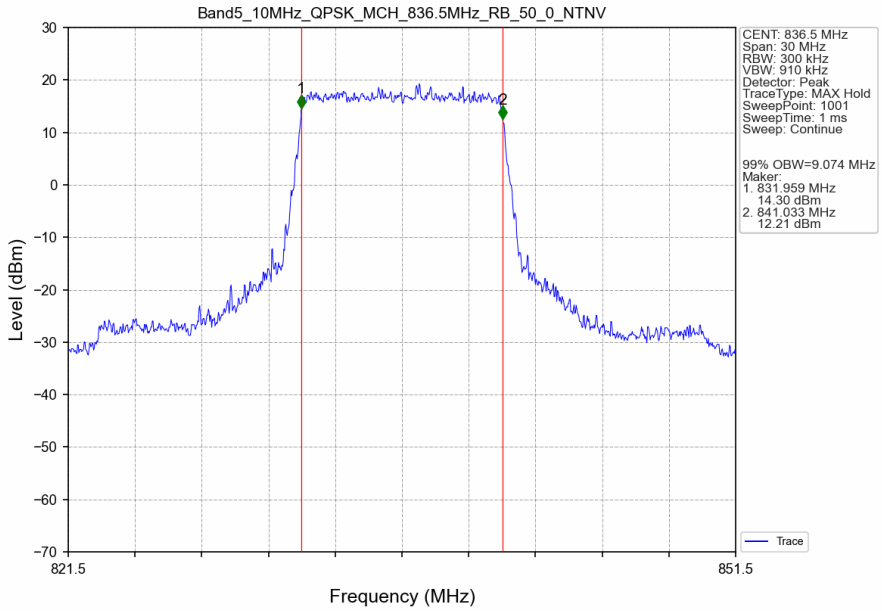
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



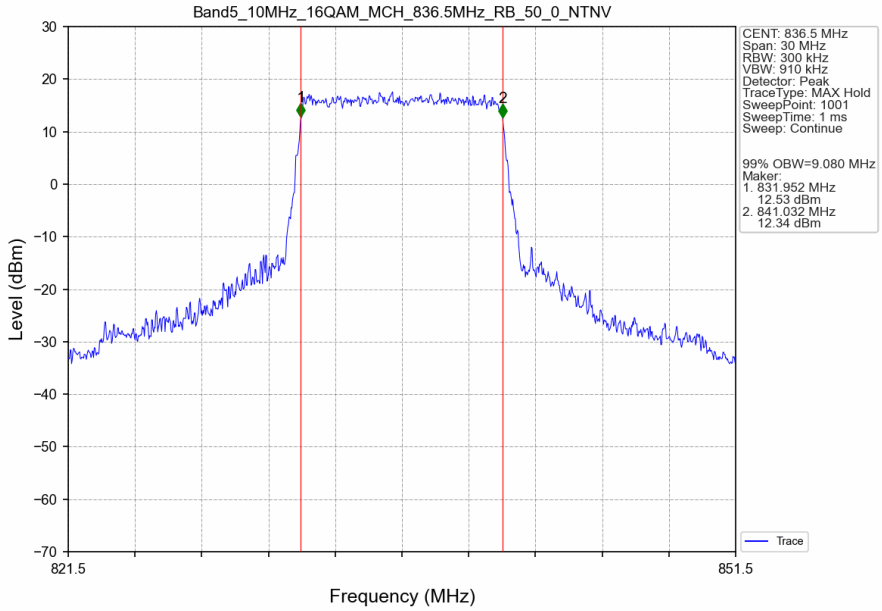
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



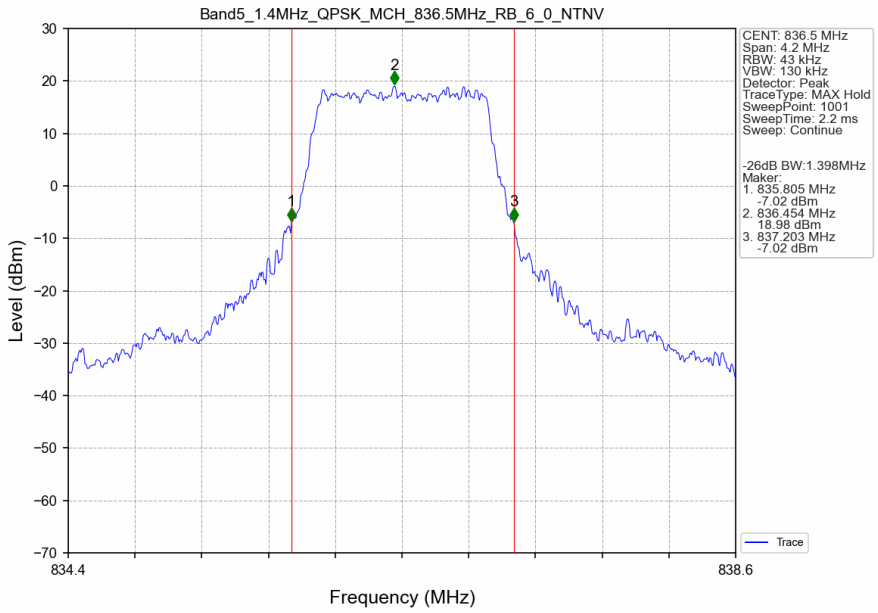
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

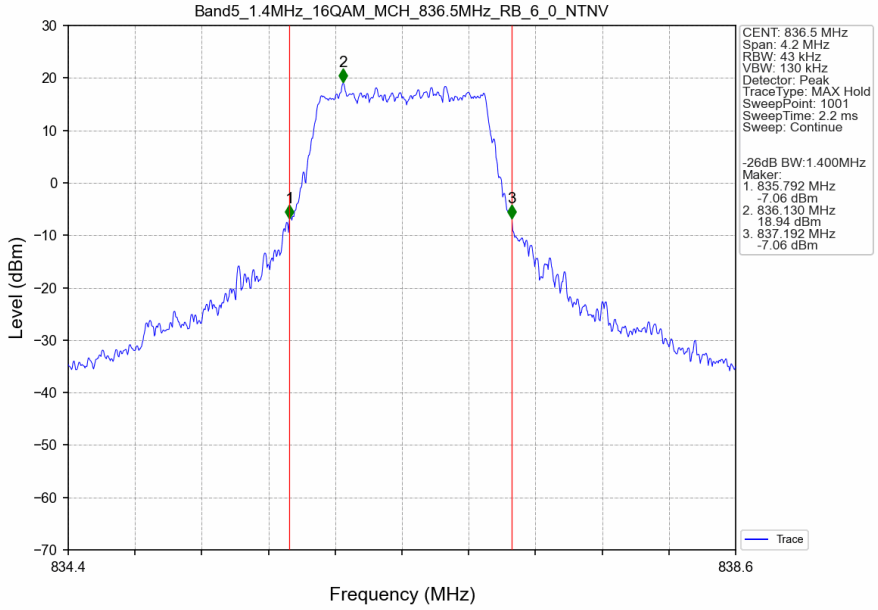


Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

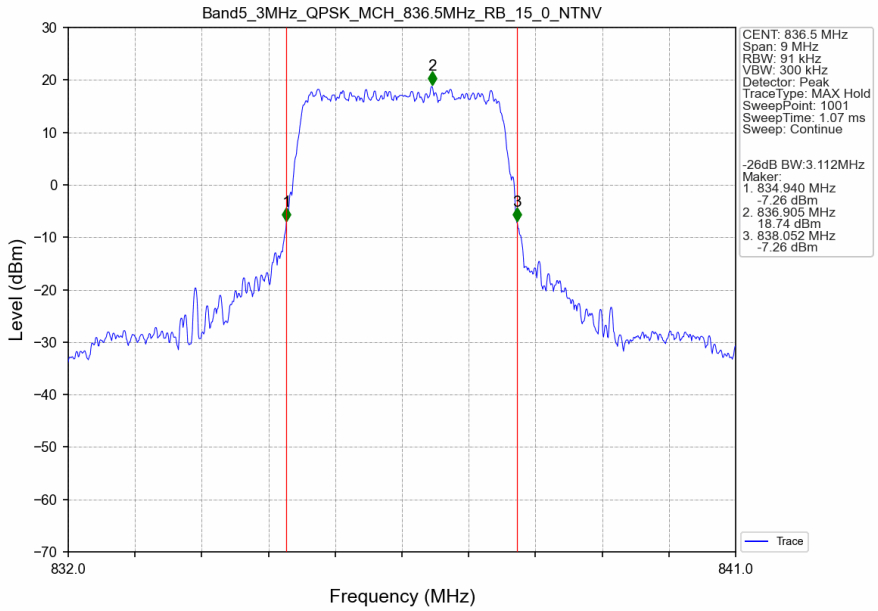


3.2.2 Band5_XDB

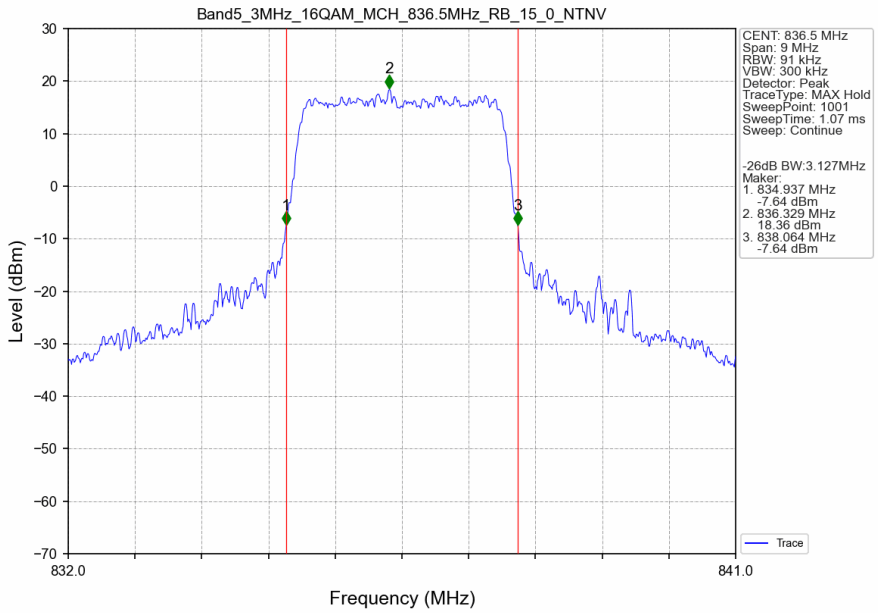
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV


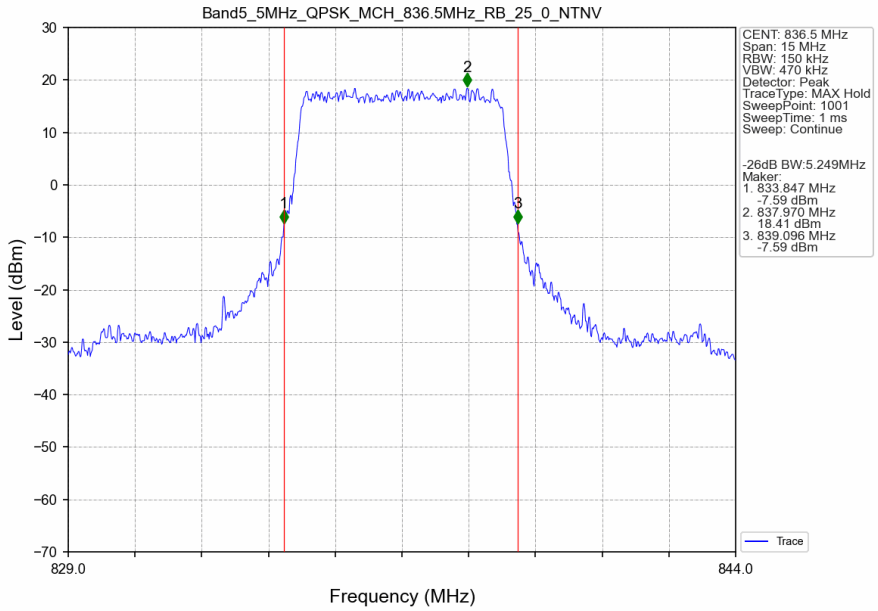
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



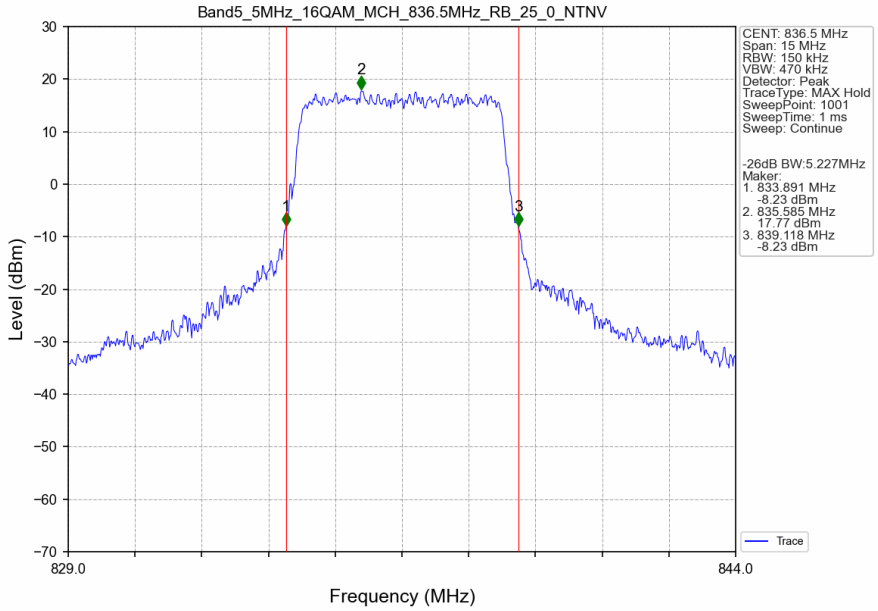
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



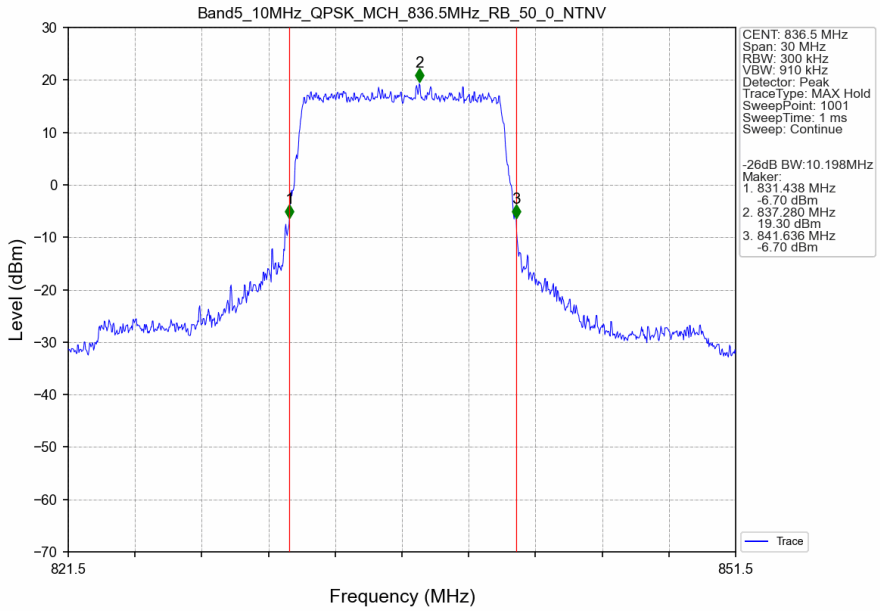
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



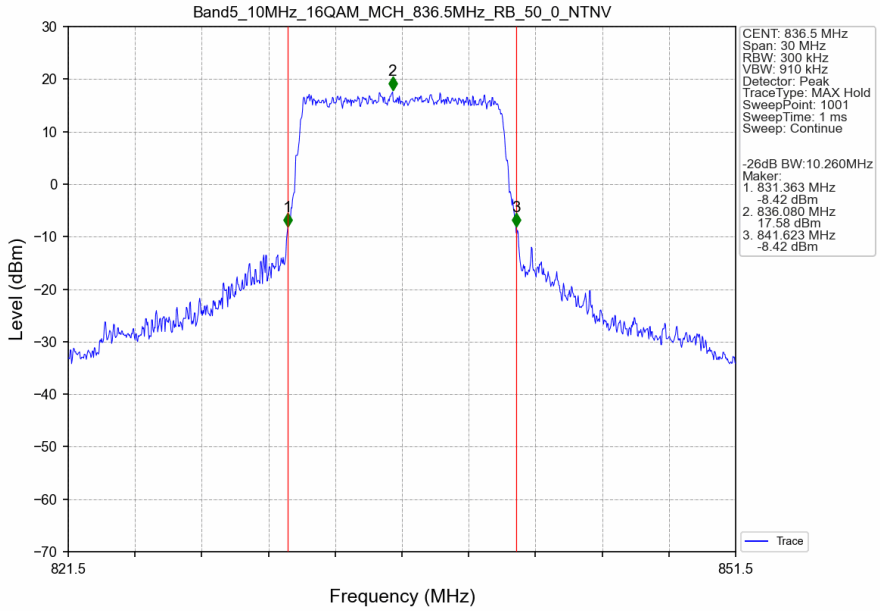
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

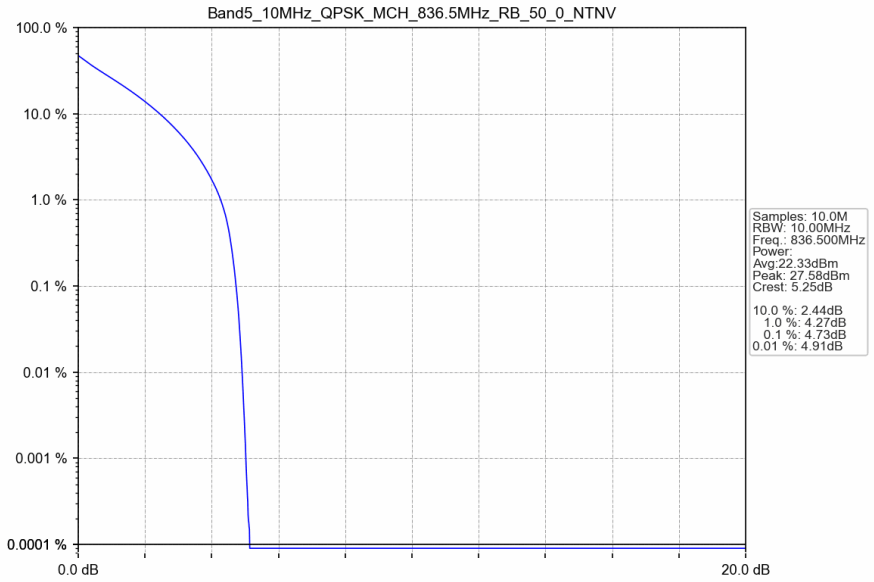
4.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	4.73	<=13	Pass
16QAM	836.5	50	0	5.77	<=13	Pass
64QAM	836.5	50	0	5.80	<=13	Pass
256QAM	836.5	50	0	6.75	<=13	Pass

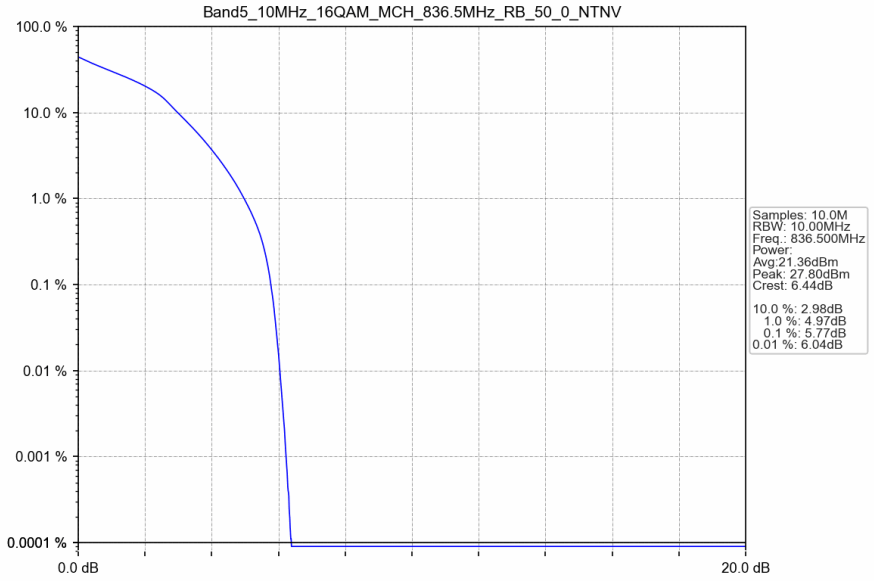
4.2 Test Graph

4.2.1 B5_10MHz

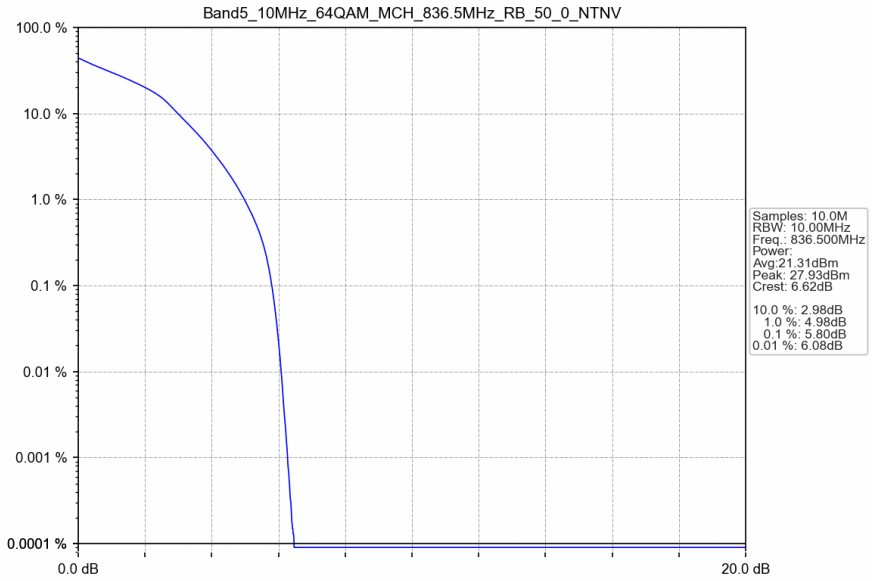
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



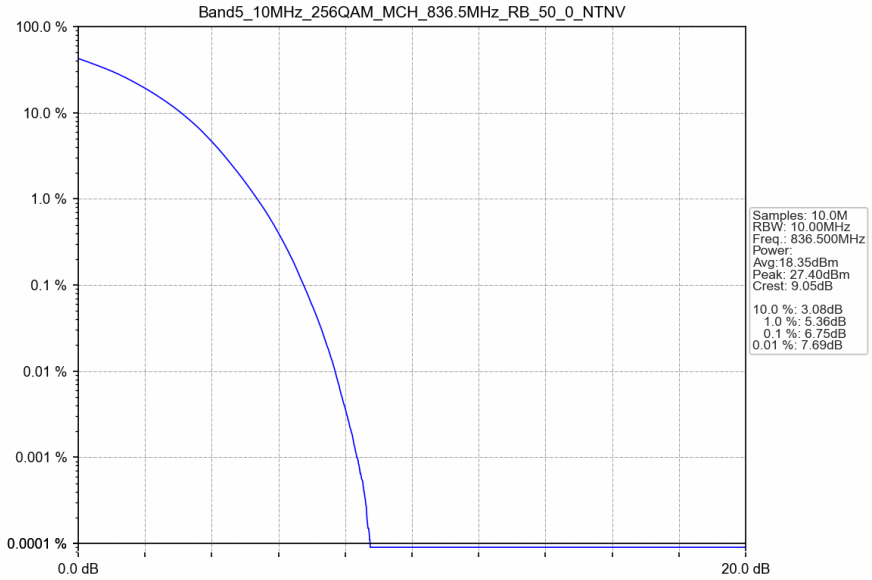
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



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

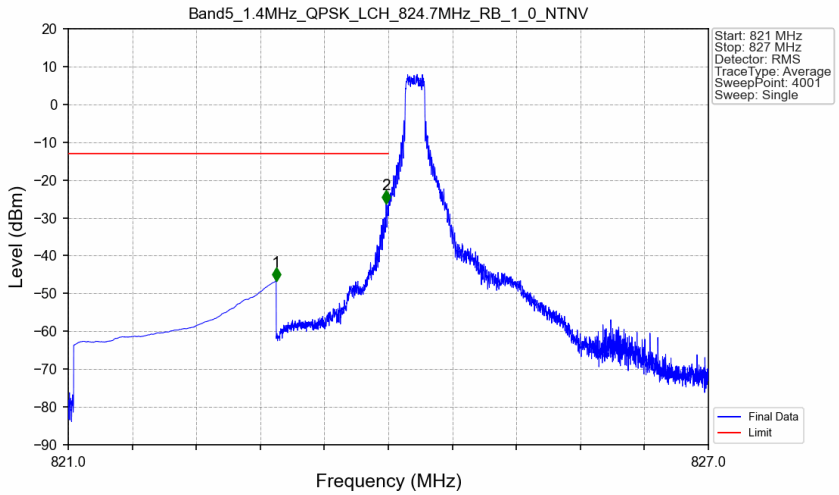
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		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

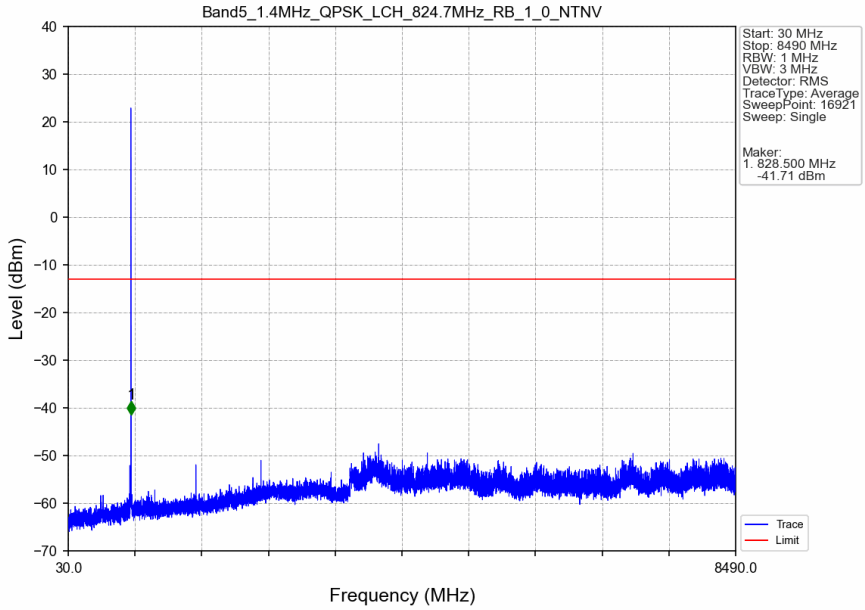
5.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

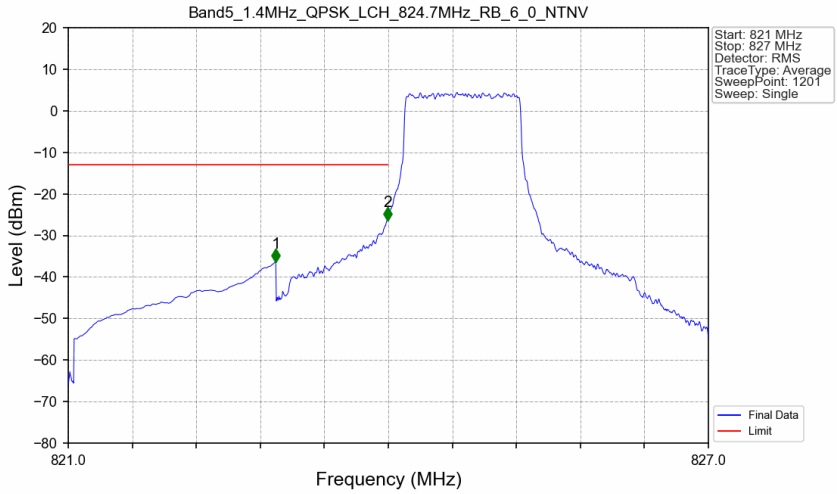


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-46.61	-13	Pass
823	824	0.003	/	2	823.979	-26.15	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

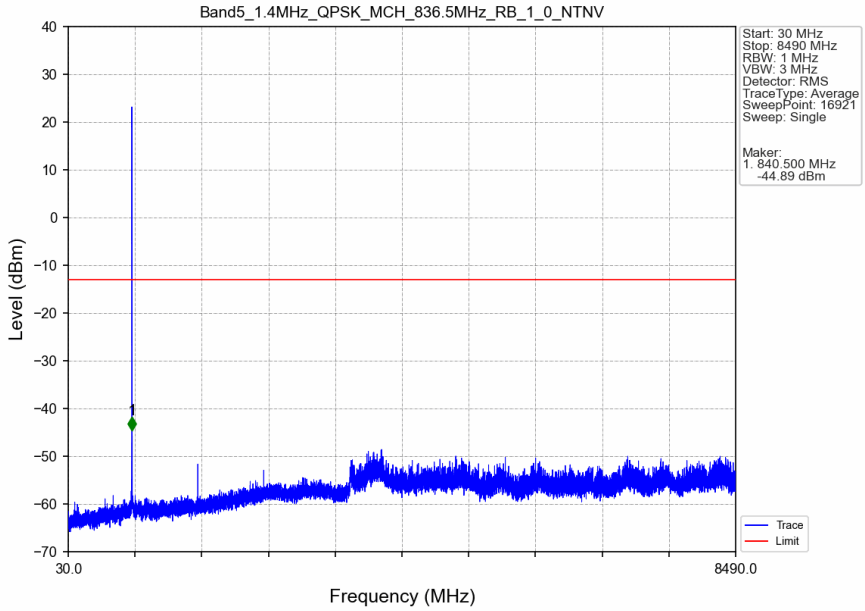


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

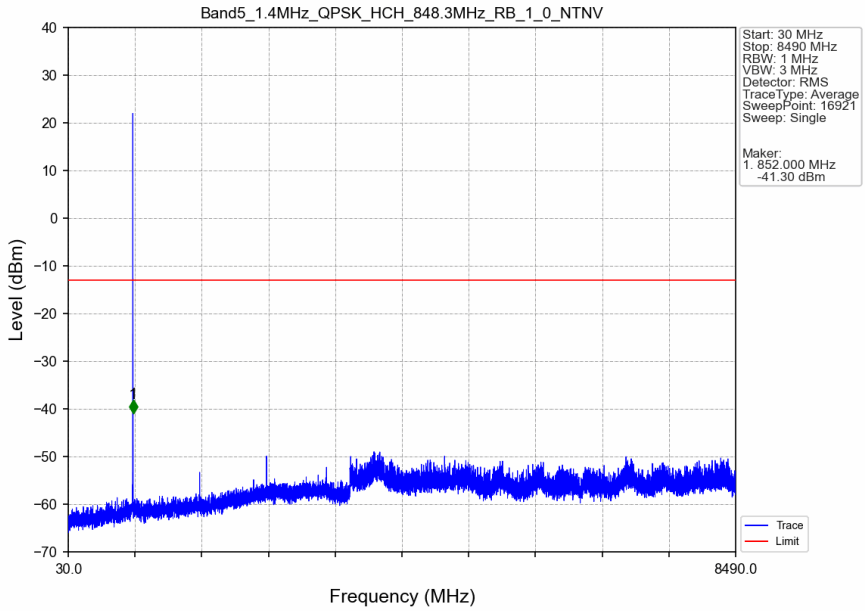


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-36.39	-13	Pass
823	824	0.014	CHP	2	823.995	-26.40	-13	Pass
824	827	0.014	CHP	/	/	/	/	/

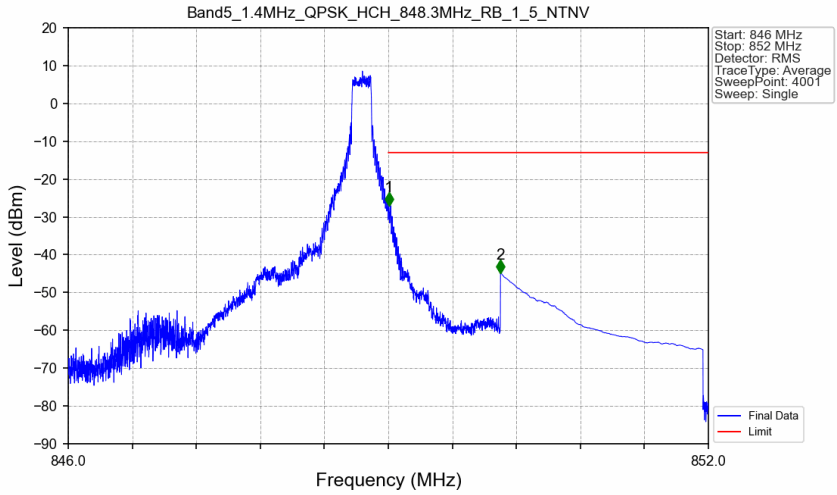
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

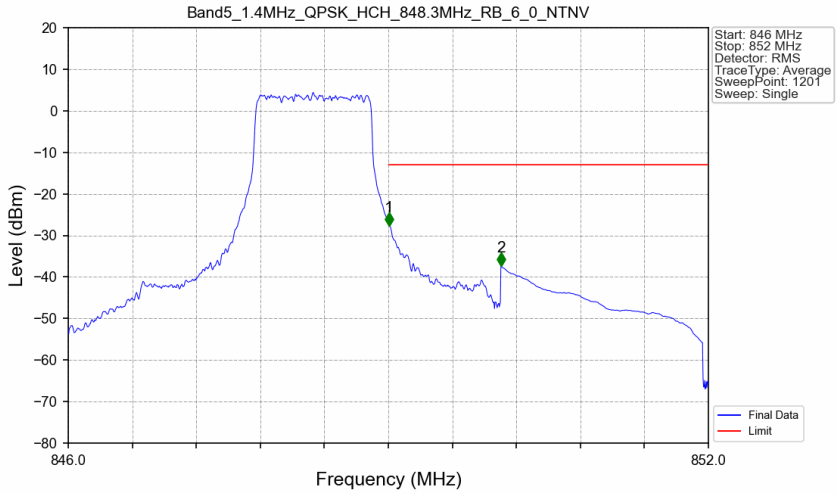


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



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	849.005	-27.00	-13	Pass
850	852	0.1	CHP	2	850.052	-44.85	-13	Pass

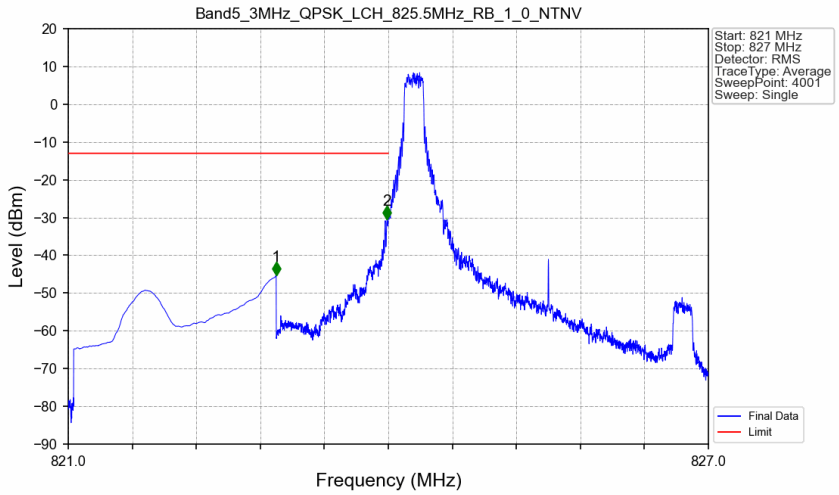
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



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	-27.65	-13	Pass
850	852	0.1	CHP	2	850.055	-37.40	-13	Pass

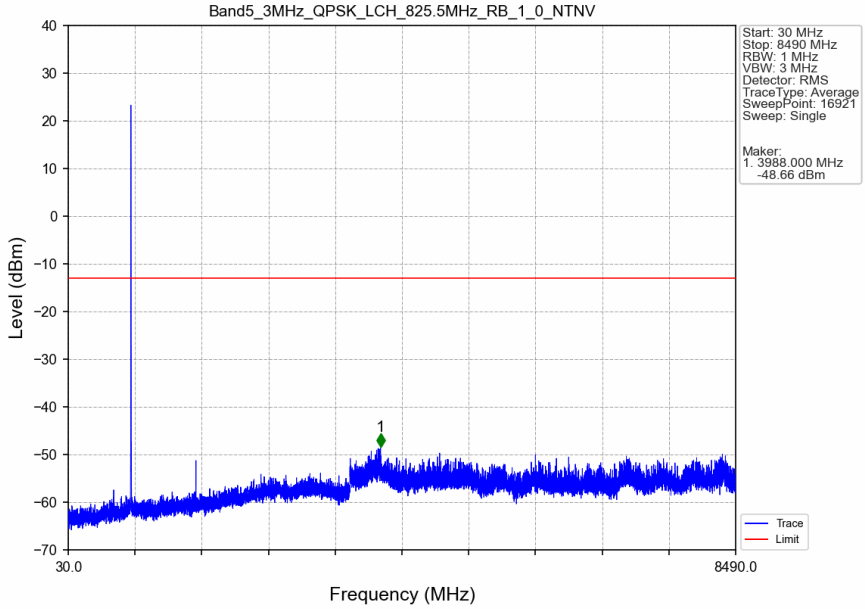
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

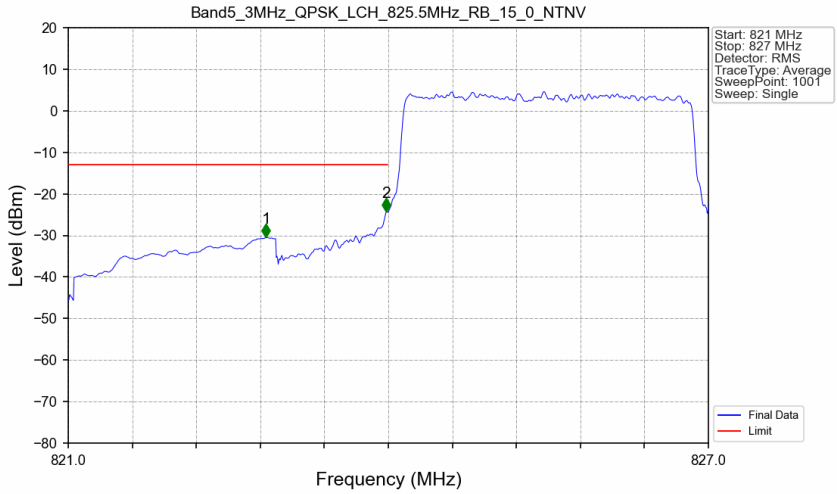


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-45.25	-13	Pass
823	824	0.003	/	2	823.988	-30.43	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

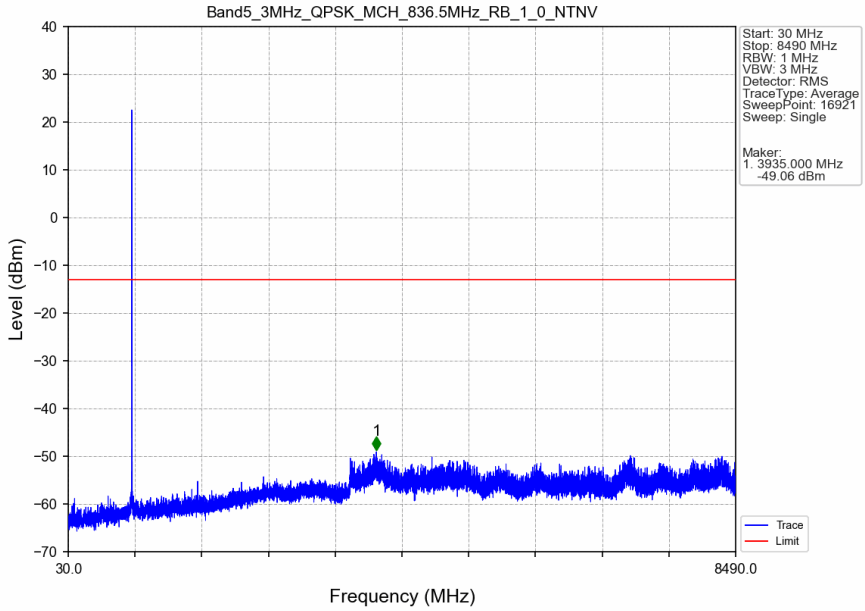


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

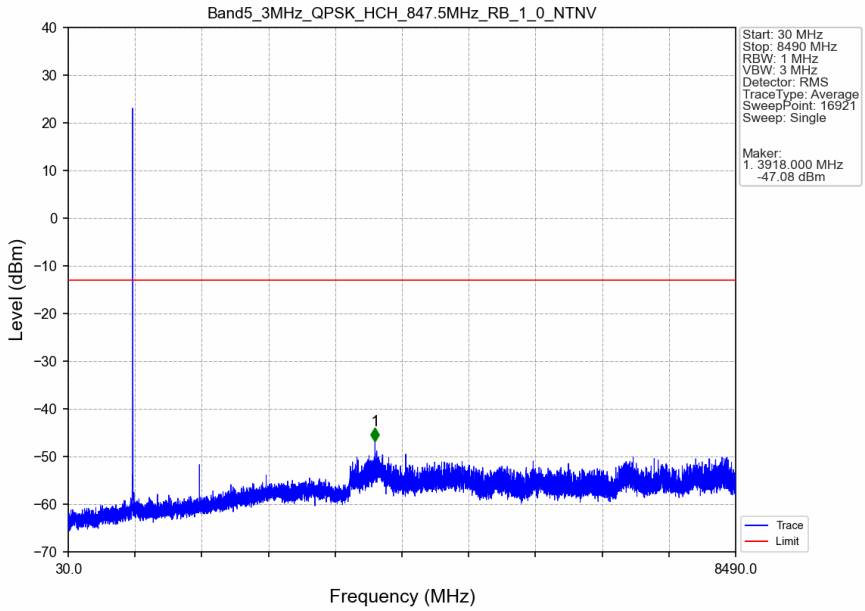


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.854	-30.47	-13	Pass
823	824	0.031	CHP	2	823.982	-24.27	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

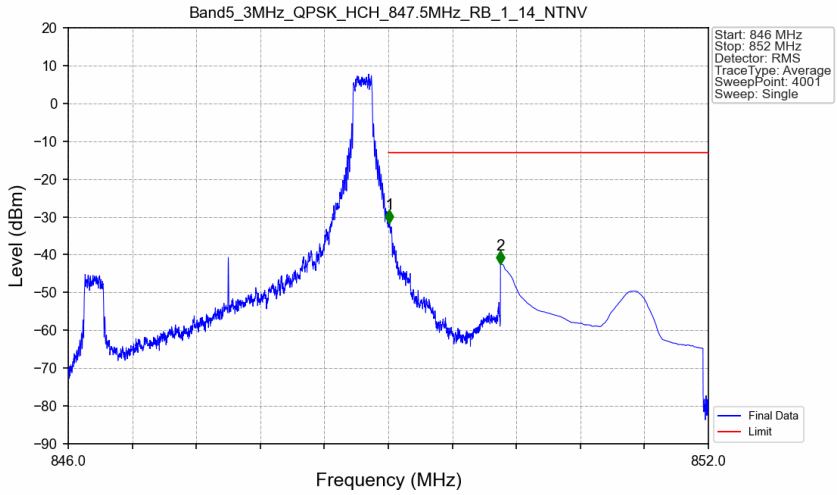
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

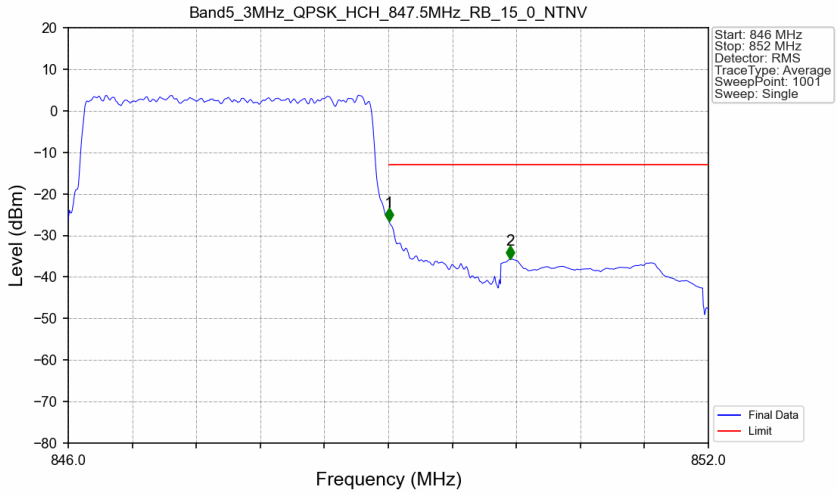


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



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	-31.57	-13	Pass
850	852	0.1	CHP	2	850.052	-42.37	-13	Pass

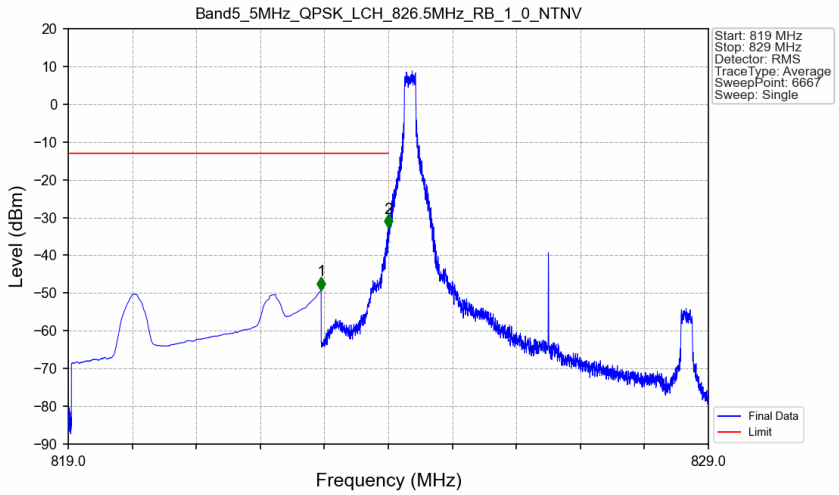
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-26.49	-13	Pass
850	852	0.1	CHP	2	850.140	-35.67	-13	Pass

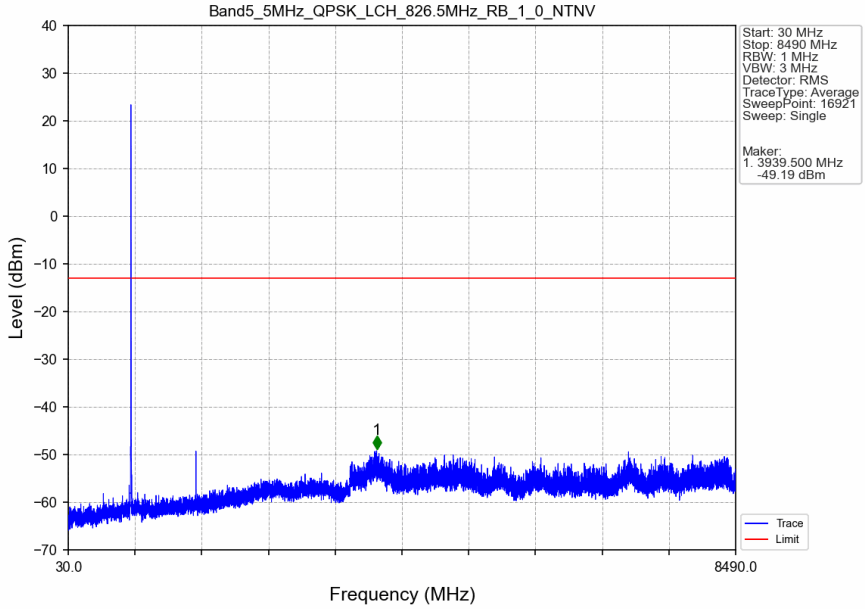
5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

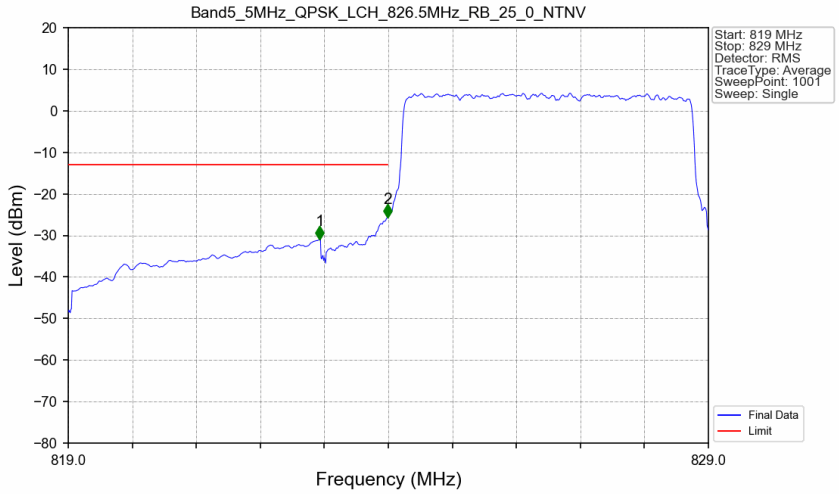


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-49.17	-13	Pass
823	824	0.003	/	2	823.999	-32.71	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

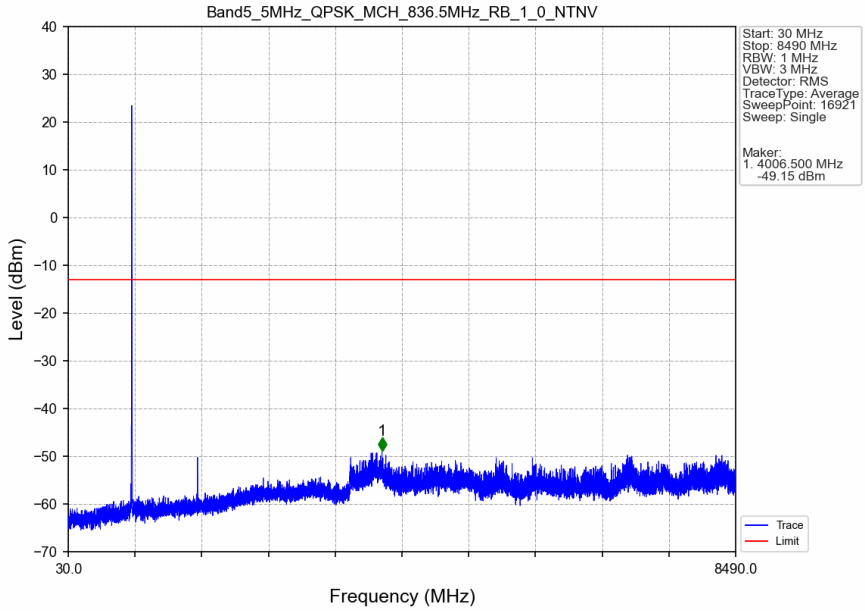


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

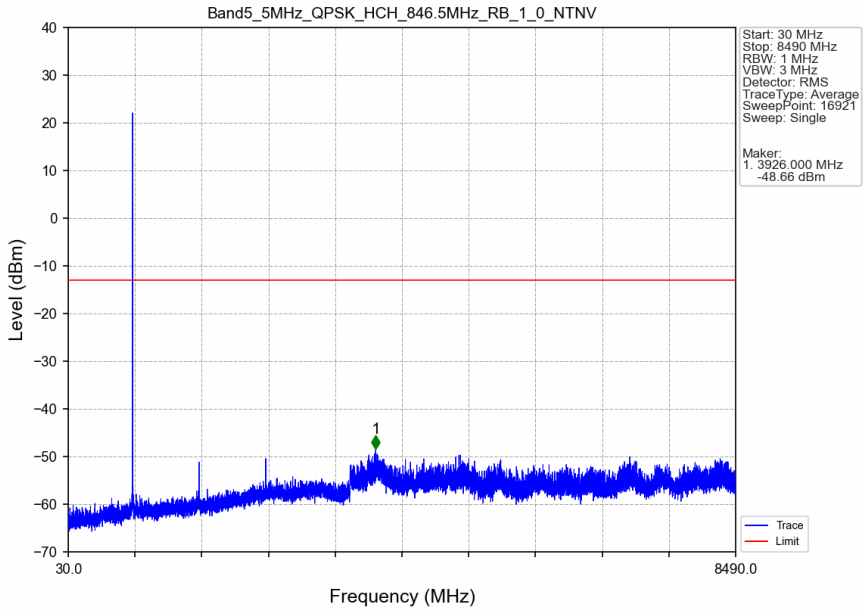


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-30.89	-13	Pass
823	824	0.052	CHP	2	823.990	-25.71	-13	Pass
824	829	0.052	CHP	/	/	/	/	/

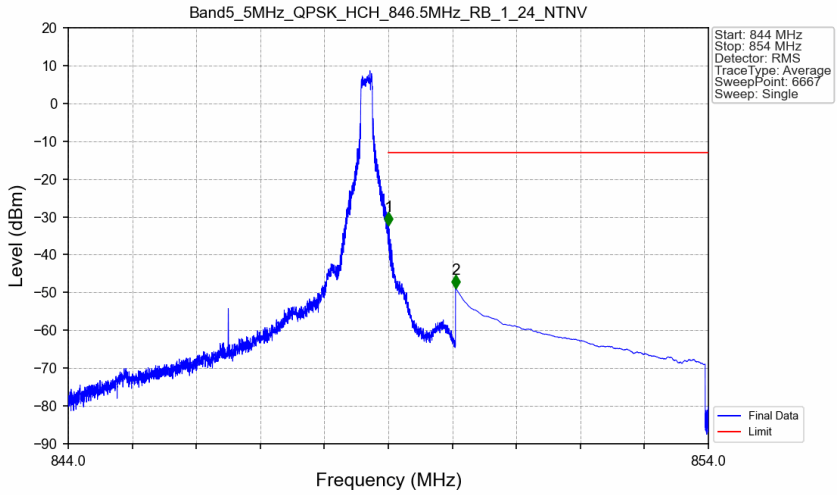
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

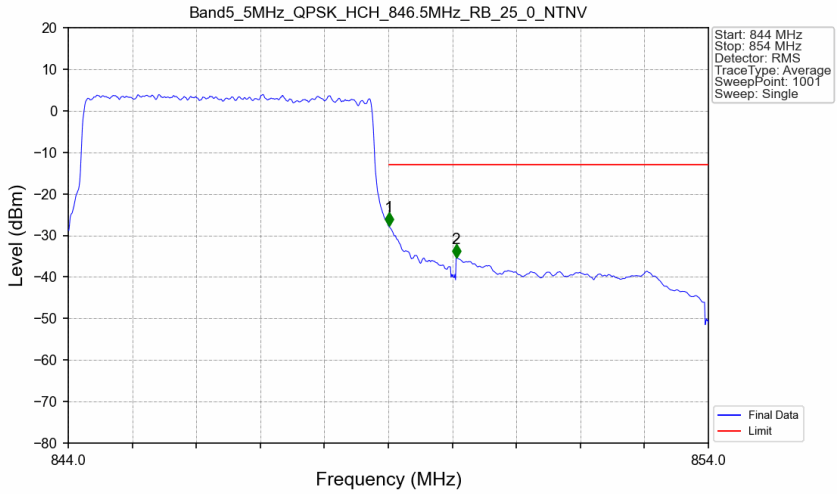


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



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	-32.27	-13	Pass
850	854	0.1	CHP	2	850.050	-48.86	-13	Pass

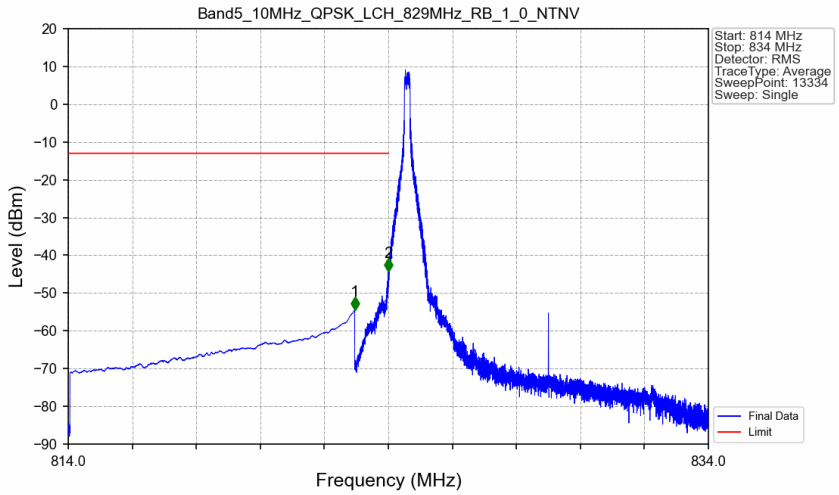
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.052	CHP	/	/	/	/	/
849	850	0.052	CHP	1	849.010	-27.74	-13	Pass
850	854	0.1	CHP	2	850.060	-35.34	-13	Pass

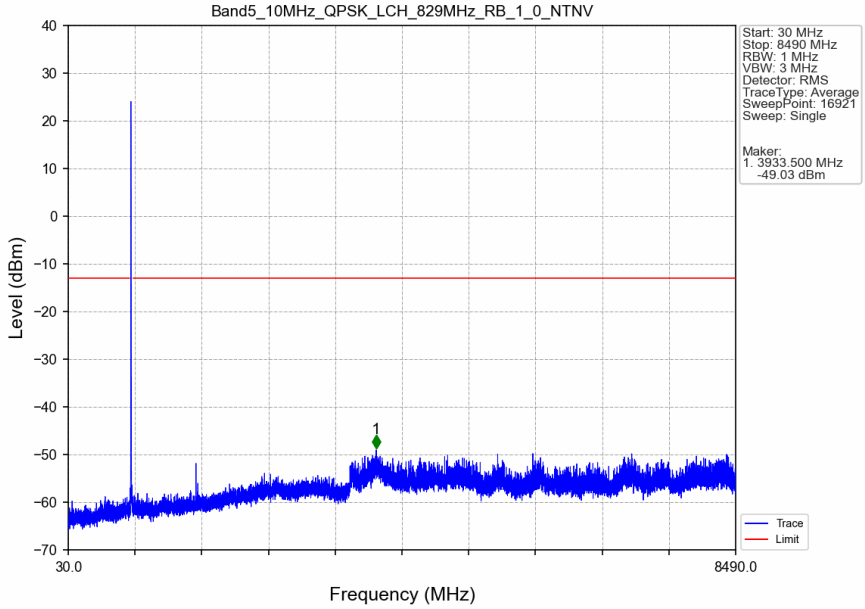
5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

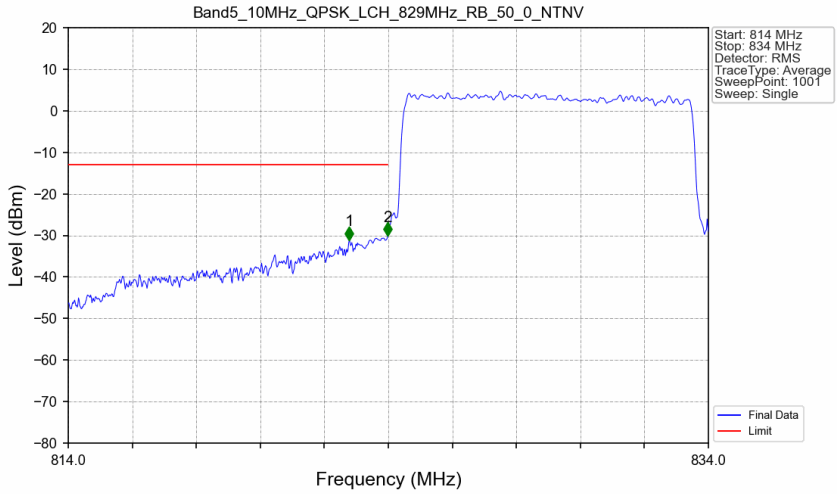


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.949	-54.50	-13	Pass
823	824	0.003	/	2	823.999	-44.33	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

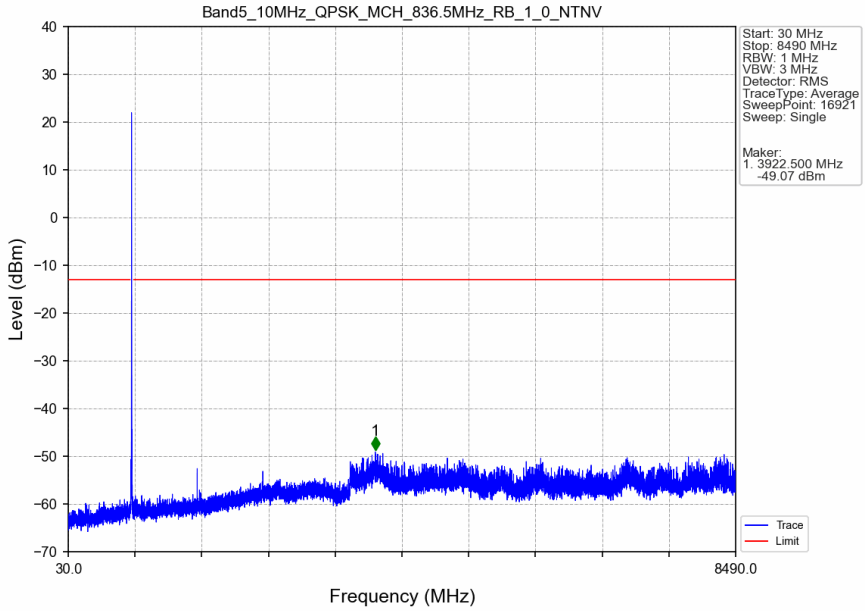


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

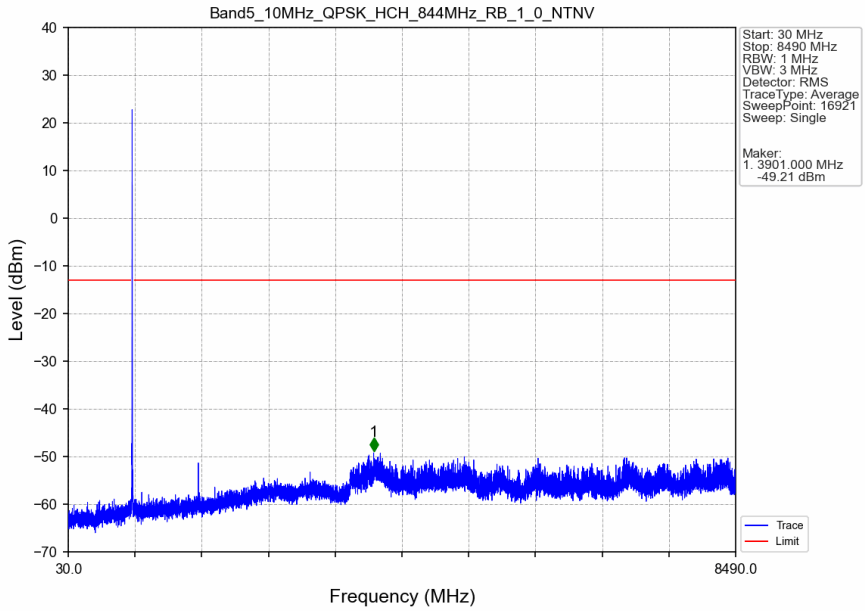


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.780	-31.03	-13	Pass
823	824	0.102	CHP	2	823.980	-29.98	-13	Pass
824	834	0.102	CHP	/	/	/	/	/

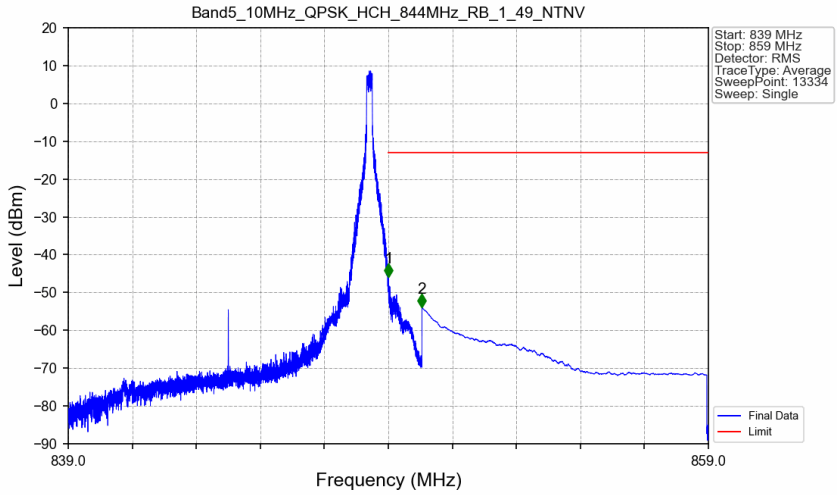
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

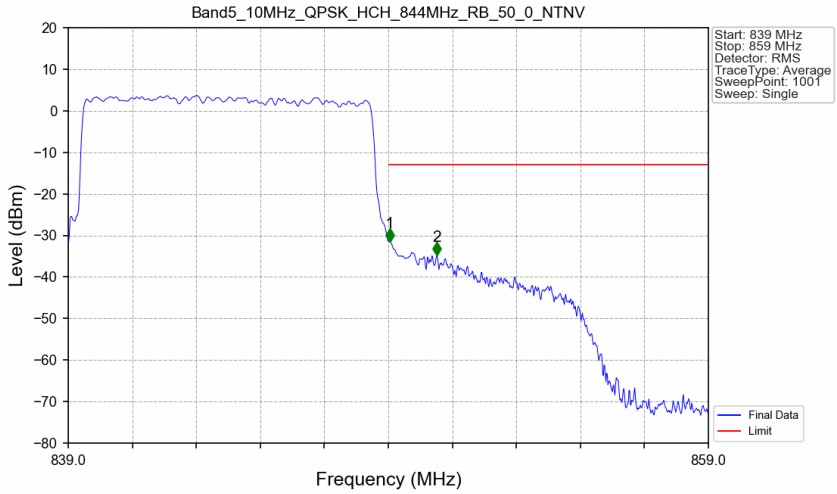


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	849.004	-45.82	-13	Pass
850	859	0.1	CHP	2	850.051	-53.84	-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	0.102	CHP	/	/	/	/	/
849	850	0.102	CHP	1	849.040	-31.51	-13	Pass
850	859	0.1	/	2	850.520	-34.85	-13	Pass