

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	23.30	-3.25	17.90	<=38.45	Pass
			2	23.28	-3.25	17.88	<=38.45	Pass
			5	23.31	-3.25	17.91	<=38.45	Pass
		3	0	23.40	-3.25	18.00	<=38.45	Pass
			2	23.36	-3.25	17.96	<=38.45	Pass
			3	23.36	-3.25	17.96	<=38.45	Pass
		6	0	22.42	-3.25	17.02	<=38.45	Pass
	836.5	1	0	23.34	-3.25	17.94	<=38.45	Pass
			2	23.35	-3.25	17.95	<=38.45	Pass
			5	23.40	-3.25	18.00	<=38.45	Pass
		3	0	23.39	-3.25	17.99	<=38.45	Pass
			2	23.41	-3.25	18.01	<=38.45	Pass
			3	23.43	-3.25	18.03	<=38.45	Pass
		6	0	22.47	-3.25	17.07	<=38.45	Pass
	848.3	1	0	23.20	-3.25	17.80	<=38.45	Pass
			2	23.18	-3.25	17.78	<=38.45	Pass
			5	23.22	-3.25	17.82	<=38.45	Pass
		3	0	23.21	-3.25	17.81	<=38.45	Pass
			2	23.21	-3.25	17.81	<=38.45	Pass
			3	23.21	-3.25	17.81	<=38.45	Pass
		6	0	22.34	-3.25	16.94	<=38.45	Pass
16QAM	824.7	1	0	22.45	-3.25	17.05	<=38.45	Pass
			2	22.38	-3.25	16.98	<=38.45	Pass
			5	22.45	-3.25	17.05	<=38.45	Pass
		3	0	22.59	-3.25	17.19	<=38.45	Pass
			2	22.59	-3.25	17.19	<=38.45	Pass
			3	22.61	-3.25	17.21	<=38.45	Pass
		6	0	21.42	-3.25	16.02	<=38.45	Pass
	836.5	1	0	22.53	-3.25	17.13	<=38.45	Pass
			2	22.53	-3.25	17.13	<=38.45	Pass
			5	22.58	-3.25	17.18	<=38.45	Pass
		3	0	22.65	-3.25	17.25	<=38.45	Pass
			2	22.67	-3.25	17.27	<=38.45	Pass
			3	22.70	-3.25	17.30	<=38.45	Pass
		6	0	21.47	-3.25	16.07	<=38.45	Pass
	848.3	1	0	22.41	-3.25	17.01	<=38.45	Pass
			2	22.40	-3.25	17.00	<=38.45	Pass
			5	22.37	-3.25	16.97	<=38.45	Pass
		3	0	22.34	-3.25	16.94	<=38.45	Pass
			2	22.19	-3.25	16.79	<=38.45	Pass
			3	22.20	-3.25	16.80	<=38.45	Pass
		6	0	21.33	-3.25	15.93	<=38.45	Pass
64QAM	824.7	1	0	21.62	-3.25	16.22	<=38.45	Pass
			2	21.59	-3.25	16.19	<=38.45	Pass
			5	21.57	-3.25	16.17	<=38.45	Pass
		3	0	21.55	-3.25	16.15	<=38.45	Pass
			2	21.31	-3.25	15.91	<=38.45	Pass
			3	21.33	-3.25	15.93	<=38.45	Pass
		6	0	20.60	-3.25	15.20	<=38.45	Pass

	836.5	1	0	21.93	-3.25	16.53	<=38.45	Pass
			2	22.02	-3.25	16.62	<=38.45	Pass
			5	21.97	-3.25	16.57	<=38.45	Pass
		3	0	21.72	-3.25	16.32	<=38.45	Pass
			2	21.71	-3.25	16.31	<=38.45	Pass
			3	21.74	-3.25	16.34	<=38.45	Pass
		6	0	20.54	-3.25	15.14	<=38.45	Pass
	848.3	1	0	21.48	-3.25	16.08	<=38.45	Pass
			2	21.46	-3.25	16.06	<=38.45	Pass
			5	21.44	-3.25	16.04	<=38.45	Pass
		3	0	21.35	-3.25	15.95	<=38.45	Pass
			2	21.36	-3.25	15.96	<=38.45	Pass
			3	21.36	-3.25	15.96	<=38.45	Pass
		6	0	20.68	-3.25	15.28	<=38.45	Pass
256QAM	824.7	1	0	18.55	-3.25	13.15	<=38.45	Pass
			2	18.57	-3.25	13.17	<=38.45	Pass
			5	18.54	-3.25	13.14	<=38.45	Pass
		3	0	18.50	-3.25	13.10	<=38.45	Pass
			2	18.49	-3.25	13.09	<=38.45	Pass
			3	18.47	-3.25	13.07	<=38.45	Pass
		6	0	18.51	-3.25	13.11	<=38.45	Pass
	836.5	1	0	18.84	-3.25	13.44	<=38.45	Pass
			2	18.87	-3.25	13.47	<=38.45	Pass
			5	18.84	-3.25	13.44	<=38.45	Pass
		3	0	18.51	-3.25	13.11	<=38.45	Pass
			2	18.52	-3.25	13.12	<=38.45	Pass
			3	18.52	-3.25	13.12	<=38.45	Pass
		6	0	18.47	-3.25	13.07	<=38.45	Pass
	848.3	1	0	18.21	-3.25	12.81	<=38.45	Pass
			2	18.19	-3.25	12.79	<=38.45	Pass
			5	18.24	-3.25	12.84	<=38.45	Pass
		3	0	18.21	-3.25	12.81	<=38.45	Pass
			2	18.21	-3.25	12.81	<=38.45	Pass
			3	18.20	-3.25	12.80	<=38.45	Pass
		6	0	18.40	-3.25	13.00	<=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	23.43	-3.25	18.03	<=38.45	Pass
			7	23.43	-3.25	18.03	<=38.45	Pass
			14	23.43	-3.25	18.03	<=38.45	Pass
		8	0	22.45	-3.25	17.05	<=38.45	Pass
			4	22.40	-3.25	17.00	<=38.45	Pass
			7	22.41	-3.25	17.01	<=38.45	Pass
		15	0	22.44	-3.25	17.04	<=38.45	Pass
	836.5	1	0	23.40	-3.25	18.00	<=38.45	Pass
			7	23.48	-3.25	18.08	<=38.45	Pass
			14	23.44	-3.25	18.04	<=38.45	Pass
		8	0	22.47	-3.25	17.07	<=38.45	Pass
			4	22.47	-3.25	17.07	<=38.45	Pass
			7	22.48	-3.25	17.08	<=38.45	Pass
		15	0	22.53	-3.25	17.13	<=38.45	Pass
	847.5	1	0	23.28	-3.25	17.88	<=38.45	Pass

		8	7	23.28	-3.25	17.88	<=38.45	Pass
			14	23.22	-3.25	17.82	<=38.45	Pass
			0	22.36	-3.25	16.96	<=38.45	Pass
			4	22.25	-3.25	16.85	<=38.45	Pass
			7	22.26	-3.25	16.86	<=38.45	Pass
		15	0	22.30	-3.25	16.90	<=38.45	Pass
16QAM	825.5	1	0	22.98	-3.25	17.58	<=38.45	Pass
			7	23.00	-3.25	17.60	<=38.45	Pass
			14	22.94	-3.25	17.54	<=38.45	Pass
		8	0	21.59	-3.25	16.19	<=38.45	Pass
			4	21.55	-3.25	16.15	<=38.45	Pass
			7	21.59	-3.25	16.19	<=38.45	Pass
		15	0	21.50	-3.25	16.10	<=38.45	Pass
	836.5	1	0	22.73	-3.25	17.33	<=38.45	Pass
			7	22.68	-3.25	17.28	<=38.45	Pass
			14	22.61	-3.25	17.21	<=38.45	Pass
		8	0	21.47	-3.25	16.07	<=38.45	Pass
			4	21.48	-3.25	16.08	<=38.45	Pass
			7	21.48	-3.25	16.08	<=38.45	Pass
		15	0	21.48	-3.25	16.08	<=38.45	Pass
	847.5	1	0	22.35	-3.25	16.95	<=38.45	Pass
			7	22.33	-3.25	16.93	<=38.45	Pass
			14	22.25	-3.25	16.85	<=38.45	Pass
		8	0	21.45	-3.25	16.05	<=38.45	Pass
			4	21.35	-3.25	15.95	<=38.45	Pass
			7	21.34	-3.25	15.94	<=38.45	Pass
		15	0	21.35	-3.25	15.95	<=38.45	Pass
64QAM	825.5	1	0	21.70	-3.25	16.30	<=38.45	Pass
			7	21.72	-3.25	16.32	<=38.45	Pass
			14	21.73	-3.25	16.33	<=38.45	Pass
		8	0	20.60	-3.25	15.20	<=38.45	Pass
			4	20.57	-3.25	15.17	<=38.45	Pass
			7	20.57	-3.25	15.17	<=38.45	Pass
		15	0	20.45	-3.25	15.05	<=38.45	Pass
	836.5	1	0	21.63	-3.25	16.23	<=38.45	Pass
			7	21.69	-3.25	16.29	<=38.45	Pass
			14	21.68	-3.25	16.28	<=38.45	Pass
		8	0	20.67	-3.25	15.27	<=38.45	Pass
			4	20.64	-3.25	15.24	<=38.45	Pass
			7	20.62	-3.25	15.22	<=38.45	Pass
		15	0	20.59	-3.25	15.19	<=38.45	Pass
	847.5	1	0	21.47	-3.25	16.07	<=38.45	Pass
			7	21.51	-3.25	16.11	<=38.45	Pass
			14	21.37	-3.25	15.97	<=38.45	Pass
		8	0	20.33	-3.25	14.93	<=38.45	Pass
			4	20.27	-3.25	14.87	<=38.45	Pass
			7	20.27	-3.25	14.87	<=38.45	Pass
		15	0	20.42	-3.25	15.02	<=38.45	Pass
256QAM	825.5	1	0	18.86	-3.25	13.46	<=38.45	Pass
			7	18.84	-3.25	13.44	<=38.45	Pass
			14	18.88	-3.25	13.48	<=38.45	Pass
		8	0	18.57	-3.25	13.17	<=38.45	Pass
			4	18.53	-3.25	13.13	<=38.45	Pass
			7	18.53	-3.25	13.13	<=38.45	Pass
		15	0	18.49	-3.25	13.09	<=38.45	Pass
	836.5	1	0	18.43	-3.25	13.03	<=38.45	Pass
			7	18.39	-3.25	12.99	<=38.45	Pass
			14	18.36	-3.25	12.96	<=38.45	Pass
		8	0	18.51	-3.25	13.11	<=38.45	Pass

		15	4	18.52	-3.25	13.12	<=38.45	Pass
			7	18.47	-3.25	13.07	<=38.45	Pass
			0	18.65	-3.25	13.25	<=38.45	Pass
	847.5	1	0	18.41	-3.25	13.01	<=38.45	Pass
			7	18.41	-3.25	13.01	<=38.45	Pass
			14	18.38	-3.25	12.98	<=38.45	Pass
		8	0	18.49	-3.25	13.09	<=38.45	Pass
			4	18.46	-3.25	13.06	<=38.45	Pass
			7	18.43	-3.25	13.03	<=38.45	Pass
		15	0	18.37	-3.25	12.97	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.56	-3.25	18.16	<=38.45	Pass
			13	23.53	-3.25	18.13	<=38.45	Pass
			24	23.57	-3.25	18.17	<=38.45	Pass
		12	0	22.45	-3.25	17.05	<=38.45	Pass
			6	22.42	-3.25	17.02	<=38.45	Pass
			13	22.42	-3.25	17.02	<=38.45	Pass
		25	0	22.47	-3.25	17.07	<=38.45	Pass
	836.5	1	0	23.52	-3.25	18.12	<=38.45	Pass
			13	23.57	-3.25	18.17	<=38.45	Pass
			24	23.48	-3.25	18.08	<=38.45	Pass
		12	0	22.52	-3.25	17.12	<=38.45	Pass
			6	22.49	-3.25	17.09	<=38.45	Pass
			13	22.51	-3.25	17.11	<=38.45	Pass
		25	0	22.55	-3.25	17.15	<=38.45	Pass
	846.5	1	0	23.47	-3.25	18.07	<=38.45	Pass
			13	23.41	-3.25	18.01	<=38.45	Pass
			24	23.38	-3.25	17.98	<=38.45	Pass
		12	0	22.39	-3.25	16.99	<=38.45	Pass
			6	22.36	-3.25	16.96	<=38.45	Pass
			13	22.29	-3.25	16.89	<=38.45	Pass
		25	0	22.42	-3.25	17.02	<=38.45	Pass
16QAM	826.5	1	0	22.33	-3.25	16.93	<=38.45	Pass
			13	22.25	-3.25	16.85	<=38.45	Pass
			24	22.23	-3.25	16.83	<=38.45	Pass
		12	0	21.49	-3.25	16.09	<=38.45	Pass
			6	21.45	-3.25	16.05	<=38.45	Pass
			13	21.46	-3.25	16.06	<=38.45	Pass
		25	0	21.51	-3.25	16.11	<=38.45	Pass
	836.5	1	0	22.68	-3.25	17.28	<=38.45	Pass
			13	22.73	-3.25	17.33	<=38.45	Pass
			24	22.73	-3.25	17.33	<=38.45	Pass
		12	0	21.55	-3.25	16.15	<=38.45	Pass
			6	21.53	-3.25	16.13	<=38.45	Pass
			13	21.53	-3.25	16.13	<=38.45	Pass
		25	0	21.56	-3.25	16.16	<=38.45	Pass
	846.5	1	0	22.44	-3.25	17.04	<=38.45	Pass
			13	22.35	-3.25	16.95	<=38.45	Pass
			24	22.40	-3.25	17.00	<=38.45	Pass
		12	0	21.42	-3.25	16.02	<=38.45	Pass
			6	21.37	-3.25	15.97	<=38.45	Pass

			13	21.31	-3.25	15.91	<=38.45	Pass	
		25	0	21.41	-3.25	16.01	<=38.45	Pass	
64QAM	826.5	1	0	21.38	-3.25	15.98	<=38.45	Pass	
			13	21.33	-3.25	15.93	<=38.45	Pass	
			24	21.36	-3.25	15.96	<=38.45	Pass	
			0	20.53	-3.25	15.13	<=38.45	Pass	
		12	6	20.55	-3.25	15.15	<=38.45	Pass	
			13	20.57	-3.25	15.17	<=38.45	Pass	
			25	0	20.50	-3.25	15.10	<=38.45	Pass
		836.5	1	0	21.82	-3.25	16.42	<=38.45	Pass
				13	21.88	-3.25	16.48	<=38.45	Pass
	24			21.85	-3.25	16.45	<=38.45	Pass	
	0			20.59	-3.25	15.19	<=38.45	Pass	
	12		6	20.56	-3.25	15.16	<=38.45	Pass	
			13	20.55	-3.25	15.15	<=38.45	Pass	
			25	0	20.59	-3.25	15.19	<=38.45	Pass
	846.5		1	0	21.62	-3.25	16.22	<=38.45	Pass
		13		21.53	-3.25	16.13	<=38.45	Pass	
		24		21.50	-3.25	16.10	<=38.45	Pass	
		0		20.57	-3.25	15.17	<=38.45	Pass	
		12	6	20.55	-3.25	15.15	<=38.45	Pass	
			13	20.49	-3.25	15.09	<=38.45	Pass	
			25	0	20.51	-3.25	15.11	<=38.45	Pass
		256QAM	826.5	1	0	18.21	-3.25	12.81	<=38.45
	13				18.25	-3.25	12.85	<=38.45	Pass
24	18.27				-3.25	12.87	<=38.45	Pass	
12	0			18.53	-3.25	13.13	<=38.45	Pass	
	6			18.53	-3.25	13.13	<=38.45	Pass	
	13			18.57	-3.25	13.17	<=38.45	Pass	
	25			0	18.57	-3.25	13.17	<=38.45	Pass
836.5	1		0	18.81	-3.25	13.41	<=38.45	Pass	
			13	18.80	-3.25	13.40	<=38.45	Pass	
			24	18.76	-3.25	13.36	<=38.45	Pass	
			0	18.65	-3.25	13.25	<=38.45	Pass	
	12		6	18.64	-3.25	13.24	<=38.45	Pass	
			13	18.61	-3.25	13.21	<=38.45	Pass	
			25	0	18.62	-3.25	13.22	<=38.45	Pass
846.5	1		0	18.48	-3.25	13.08	<=38.45	Pass	
			13	18.45	-3.25	13.05	<=38.45	Pass	
			24	18.46	-3.25	13.06	<=38.45	Pass	
			0	18.50	-3.25	13.10	<=38.45	Pass	
	12		6	18.49	-3.25	13.09	<=38.45	Pass	
			13	18.42	-3.25	13.02	<=38.45	Pass	
			25	0	18.47	-3.25	13.07	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.44	-3.25	18.04	<=38.45	Pass
			25	23.46	-3.25	18.06	<=38.45	Pass
			49	23.56	-3.25	18.16	<=38.45	Pass
		25	0	22.45	-3.25	17.05	<=38.45	Pass
			13	22.44	-3.25	17.04	<=38.45	Pass
			25	22.48	-3.25	17.08	<=38.45	Pass

	836.5	50	0	22.46	-3.25	17.06	<=38.45	Pass	
		1	0	23.41	-3.25	18.01	<=38.45	Pass	
			25	23.45	-3.25	18.05	<=38.45	Pass	
			49	23.43	-3.25	18.03	<=38.45	Pass	
			25	0	22.51	-3.25	17.11	<=38.45	Pass
				13	22.50	-3.25	17.10	<=38.45	Pass
				25	22.52	-3.25	17.12	<=38.45	Pass
		50	0	22.54	-3.25	17.14	<=38.45	Pass	
		844	1	0	23.49	-3.25	18.09	<=38.45	Pass
				25	23.37	-3.25	17.97	<=38.45	Pass
	49			23.34	-3.25	17.94	<=38.45	Pass	
	25		0	22.43	-3.25	17.03	<=38.45	Pass	
			13	22.39	-3.25	16.99	<=38.45	Pass	
			25	22.33	-3.25	16.93	<=38.45	Pass	
	50	0	22.38	-3.25	16.98	<=38.45	Pass		
	16QAM	829	1	0	23.02	-3.25	17.62	<=38.45	Pass
25				23.03	-3.25	17.63	<=38.45	Pass	
49				23.06	-3.25	17.66	<=38.45	Pass	
25			0	21.48	-3.25	16.08	<=38.45	Pass	
			13	21.47	-3.25	16.07	<=38.45	Pass	
			25	21.51	-3.25	16.11	<=38.45	Pass	
50			0	21.47	-3.25	16.07	<=38.45	Pass	
836.5		1	0	22.71	-3.25	17.31	<=38.45	Pass	
			25	22.66	-3.25	17.26	<=38.45	Pass	
			49	22.63	-3.25	17.23	<=38.45	Pass	
		25	0	21.54	-3.25	16.14	<=38.45	Pass	
			13	21.52	-3.25	16.12	<=38.45	Pass	
			25	21.53	-3.25	16.13	<=38.45	Pass	
		50	0	21.53	-3.25	16.13	<=38.45	Pass	
844		1	0	22.53	-3.25	17.13	<=38.45	Pass	
			25	22.36	-3.25	16.96	<=38.45	Pass	
			49	22.34	-3.25	16.94	<=38.45	Pass	
		25	0	21.47	-3.25	16.07	<=38.45	Pass	
			13	21.45	-3.25	16.05	<=38.45	Pass	
			25	21.41	-3.25	16.01	<=38.45	Pass	
		50	0	21.37	-3.25	15.97	<=38.45	Pass	
64QAM		829	1	0	21.68	-3.25	16.28	<=38.45	Pass
				25	21.65	-3.25	16.25	<=38.45	Pass
				49	21.83	-3.25	16.43	<=38.45	Pass
	25		0	20.53	-3.25	15.13	<=38.45	Pass	
			13	20.55	-3.25	15.15	<=38.45	Pass	
			25	20.55	-3.25	15.15	<=38.45	Pass	
	50		0	20.50	-3.25	15.10	<=38.45	Pass	
	836.5	1	0	21.68	-3.25	16.28	<=38.45	Pass	
			25	21.71	-3.25	16.31	<=38.45	Pass	
			49	21.68	-3.25	16.28	<=38.45	Pass	
		25	0	20.67	-3.25	15.27	<=38.45	Pass	
			13	20.66	-3.25	15.26	<=38.45	Pass	
			25	20.65	-3.25	15.25	<=38.45	Pass	
		50	0	20.59	-3.25	15.19	<=38.45	Pass	
	844	1	0	21.68	-3.25	16.28	<=38.45	Pass	
			25	21.55	-3.25	16.15	<=38.45	Pass	
			49	21.47	-3.25	16.07	<=38.45	Pass	
		25	0	20.51	-3.25	15.11	<=38.45	Pass	
			13	20.50	-3.25	15.10	<=38.45	Pass	
			25	20.47	-3.25	15.07	<=38.45	Pass	
50	0	20.43	-3.25	15.03	<=38.45	Pass			
256QAM	829	1	0	18.86	-3.25	13.46	<=38.45	Pass	
			25	18.89	-3.25	13.49	<=38.45	Pass	

		25	49	18.93	-3.25	13.53	<=38.45	Pass
			0	18.52	-3.25	13.12	<=38.45	Pass
			13	18.55	-3.25	13.15	<=38.45	Pass
			25	18.54	-3.25	13.14	<=38.45	Pass
		50	0	18.50	-3.25	13.10	<=38.45	Pass
	836.5	1	0	18.30	-3.25	12.90	<=38.45	Pass
			25	18.39	-3.25	12.99	<=38.45	Pass
			49	18.32	-3.25	12.92	<=38.45	Pass
		25	0	18.61	-3.25	13.21	<=38.45	Pass
			13	18.59	-3.25	13.19	<=38.45	Pass
			25	18.58	-3.25	13.18	<=38.45	Pass
		50	0	18.55	-3.25	13.15	<=38.45	Pass
	844	1	0	18.63	-3.25	13.23	<=38.45	Pass
			25	18.47	-3.25	13.07	<=38.45	Pass
			49	18.47	-3.25	13.07	<=38.45	Pass
		25	0	18.52	-3.25	13.12	<=38.45	Pass
			13	18.49	-3.25	13.09	<=38.45	Pass
			25	18.46	-3.25	13.06	<=38.45	Pass
		50	0	18.43	-3.25	13.03	<=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	-4.991	-0.0060	-2.5 to 2.5	Pass
					NV	-2.529	-0.0030	-2.5 to 2.5	Pass
					HV	-2.065	-0.0025	-2.5 to 2.5	Pass
				-30	NV	-2.543	-0.0030	-2.5 to 2.5	Pass
				-20	NV	-4.018	-0.0048	-2.5 to 2.5	Pass
				-10	NV	0.026	0.0000	-2.5 to 2.5	Pass
				0	NV	-1.566	-0.0019	-2.5 to 2.5	Pass
				10	NV	-2.579	-0.0031	-2.5 to 2.5	Pass
				30	NV	-4.276	-0.0051	-2.5 to 2.5	Pass
				40	NV	-3.838	-0.0046	-2.5 to 2.5	Pass
				50	NV	-0.515	-0.0006	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

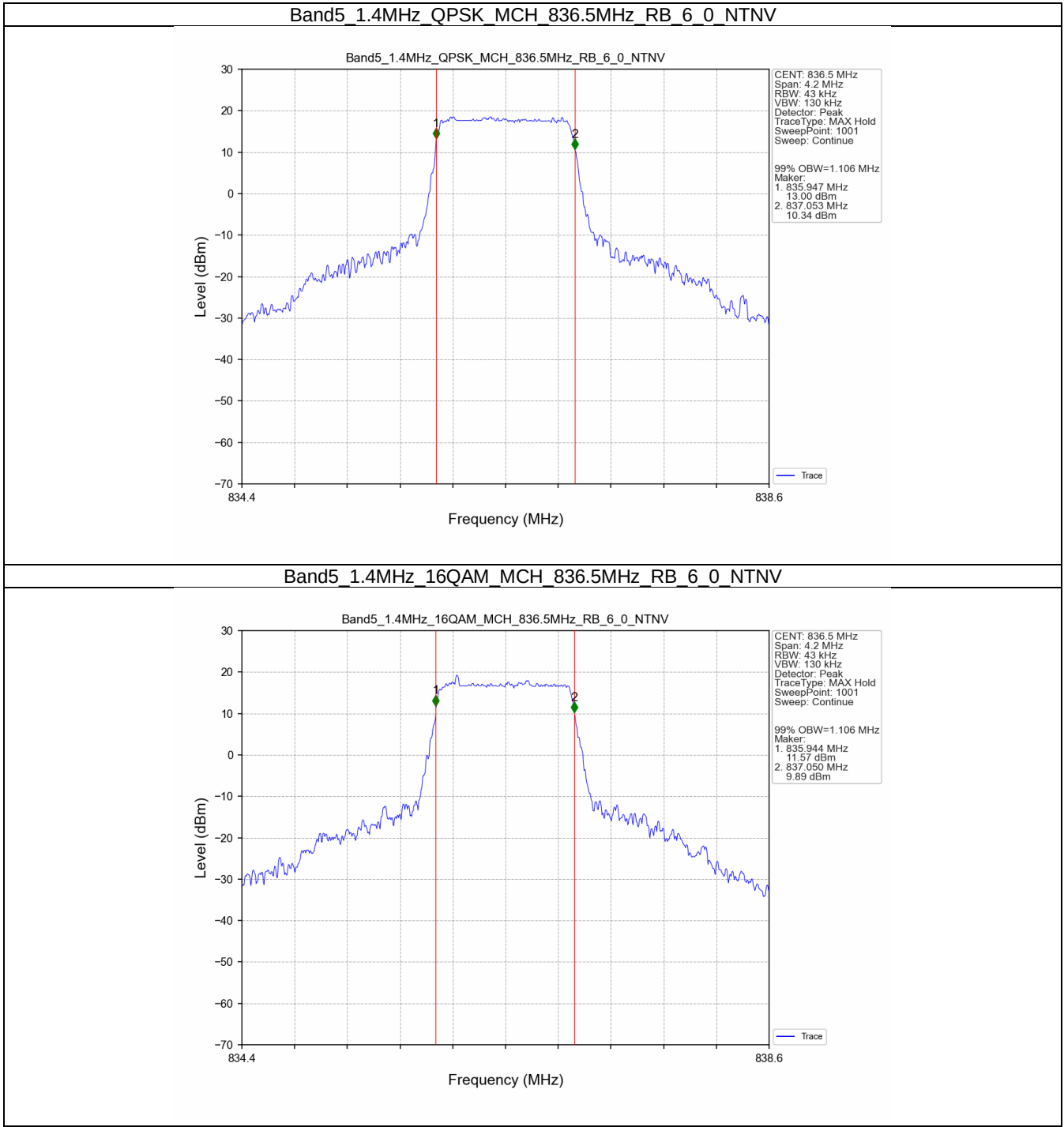
Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.106	/	Pass
	16QAM	836.5	6	0	1.106	/	Pass
	64QAM	836.5	6	0	1.097	/	Pass
	256QAM	836.5	6	0	1.102	/	Pass
3	QPSK	836.5	15	0	2.740	/	Pass
	16QAM	836.5	15	0	2.738	/	Pass
	64QAM	836.5	15	0	2.743	/	Pass
	256QAM	836.5	15	0	2.735	/	Pass
5	QPSK	836.5	25	0	4.563	/	Pass
	16QAM	836.5	25	0	4.540	/	Pass
	64QAM	836.5	25	0	4.554	/	Pass
	256QAM	836.5	25	0	4.546	/	Pass
10	QPSK	836.5	50	0	9.087	/	Pass
	16QAM	836.5	50	0	9.093	/	Pass
	64QAM	836.5	50	0	9.060	/	Pass
	256QAM	836.5	50	0	9.066	/	Pass

3.1.2 Band5_XDB

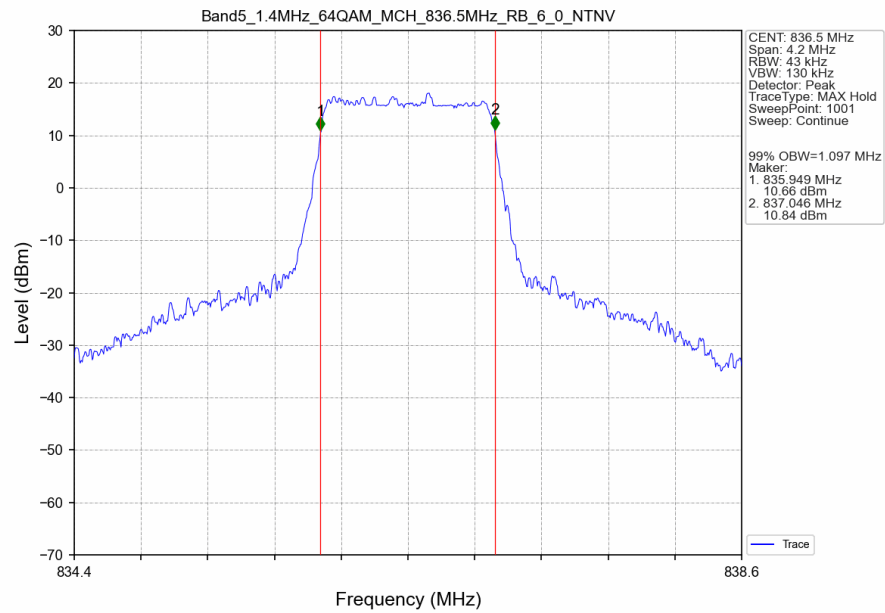
Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.323	/	Pass
	16QAM	836.5	6	0	1.312	/	Pass
	64QAM	836.5	6	0	1.302	/	Pass
	256QAM	836.5	6	0	1.293	/	Pass
3	QPSK	836.5	15	0	3.036	/	Pass
	16QAM	836.5	15	0	2.991	/	Pass
	64QAM	836.5	15	0	3.030	/	Pass
	256QAM	836.5	15	0	3.014	/	Pass
5	QPSK	836.5	25	0	5.027	/	Pass
	16QAM	836.5	25	0	5.096	/	Pass
	64QAM	836.5	25	0	5.081	/	Pass
	256QAM	836.5	25	0	5.056	/	Pass
10	QPSK	836.5	50	0	9.927	/	Pass
	16QAM	836.5	50	0	9.960	/	Pass
	64QAM	836.5	50	0	9.950	/	Pass
	256QAM	836.5	50	0	9.927	/	Pass

3.2 Test Graph

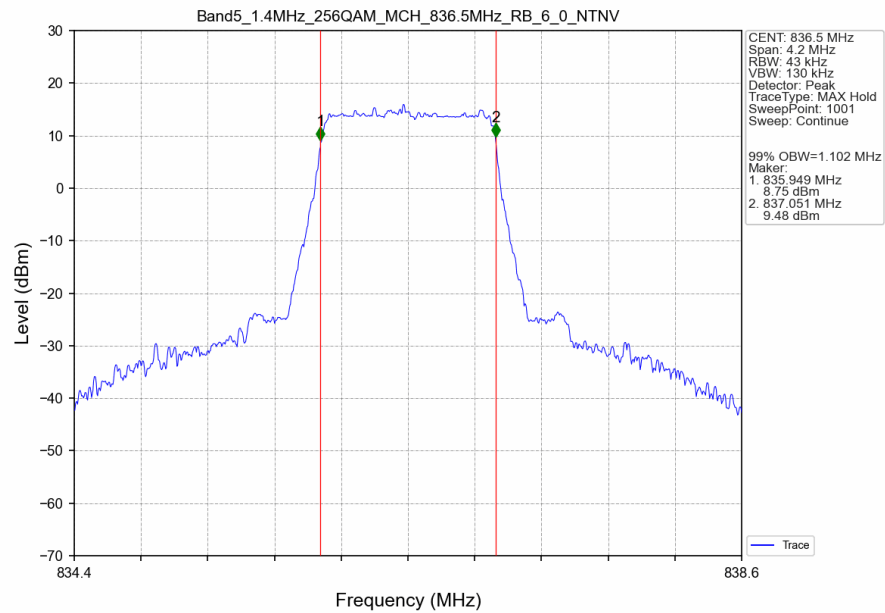
3.2.1 Band5_OBW



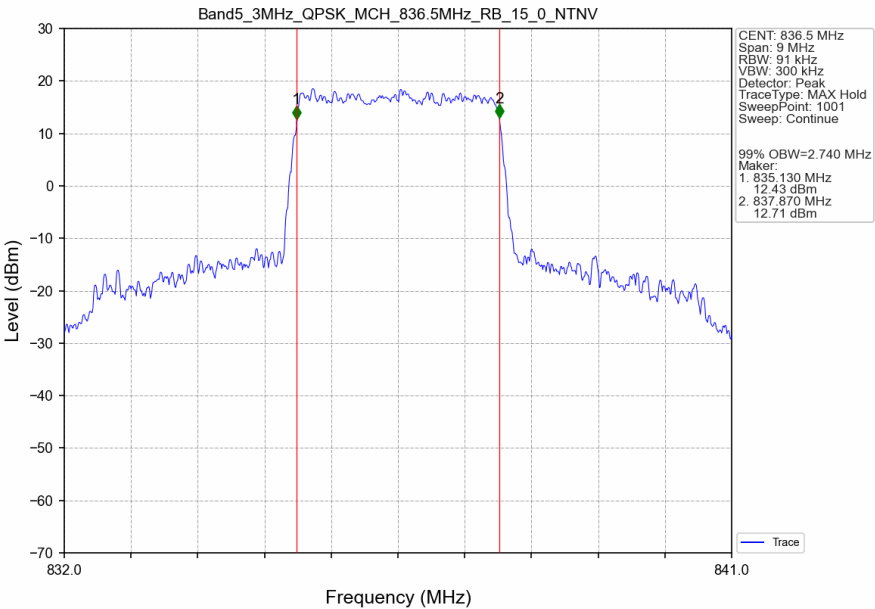
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTNV



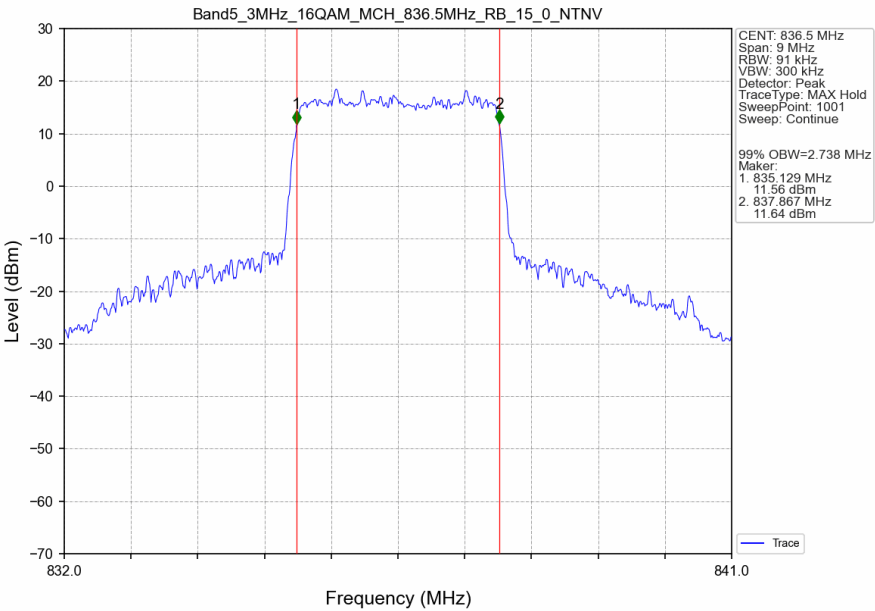
Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTNV



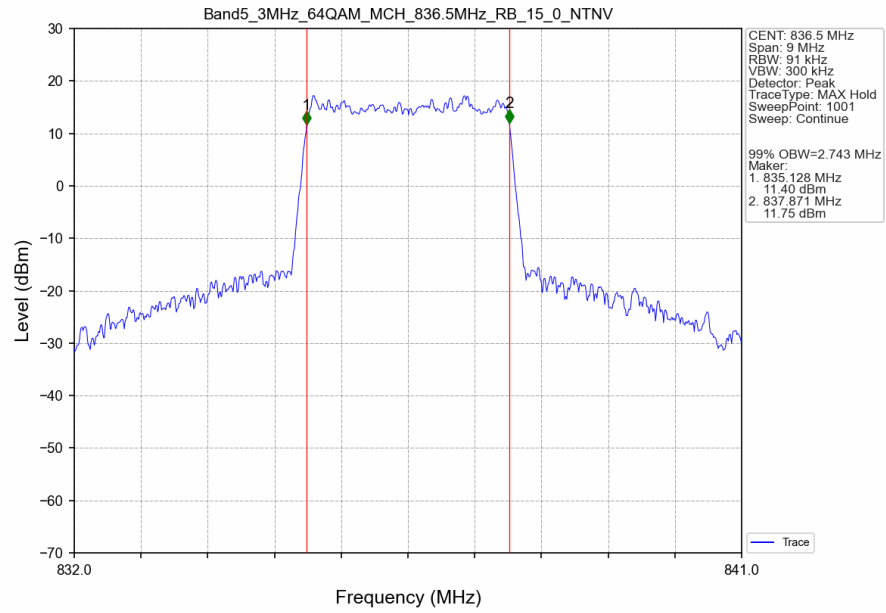
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



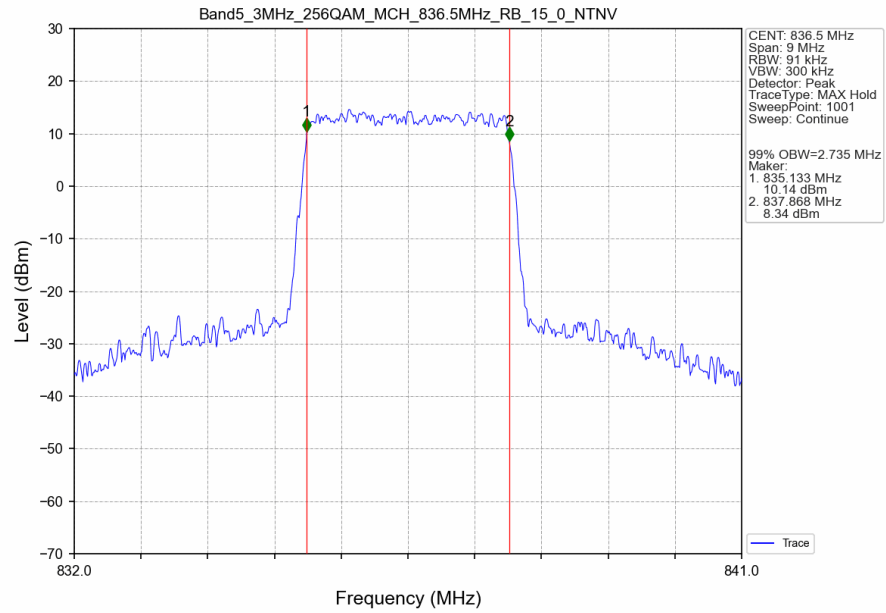
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



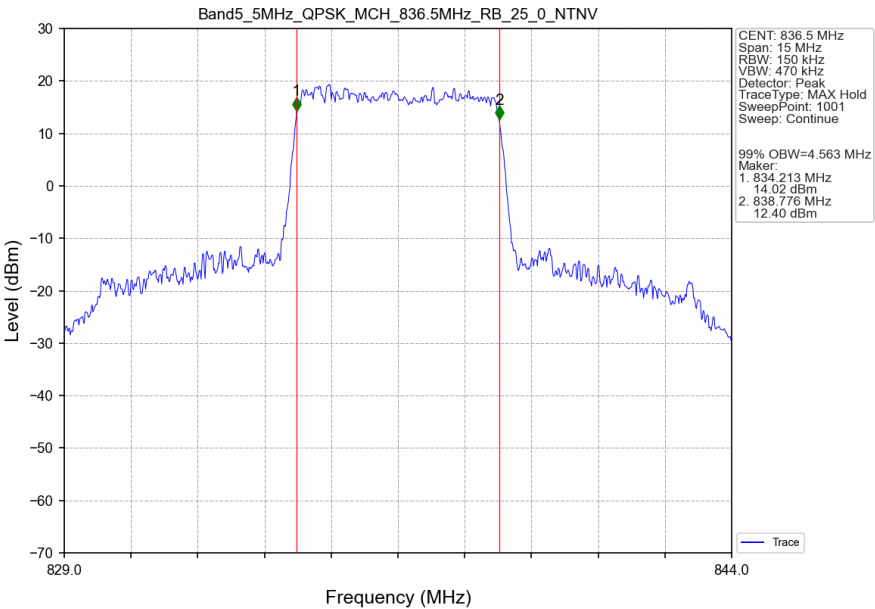
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



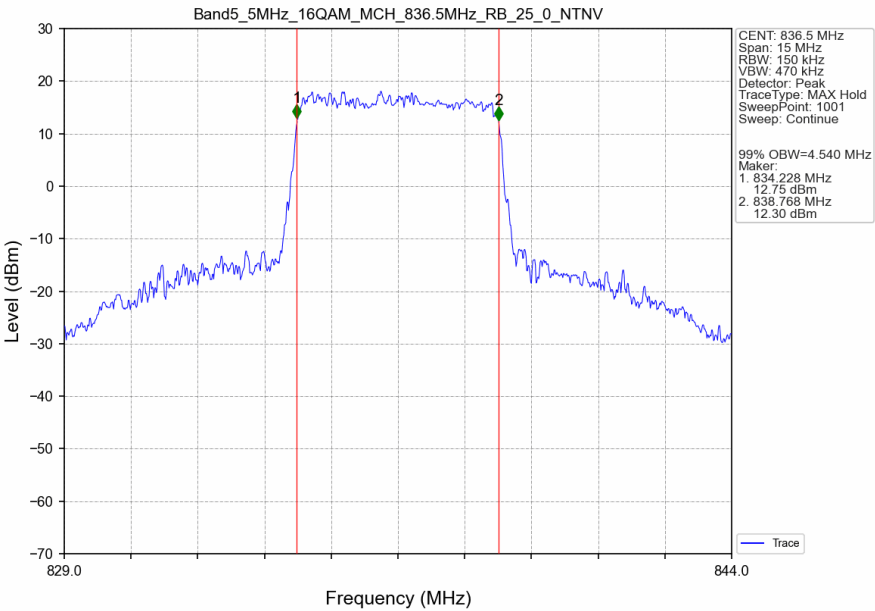
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



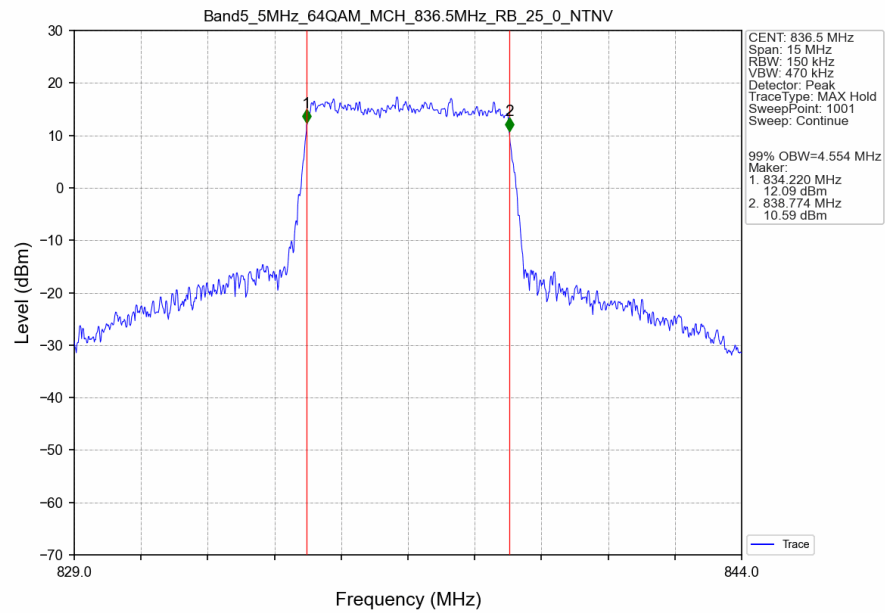
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



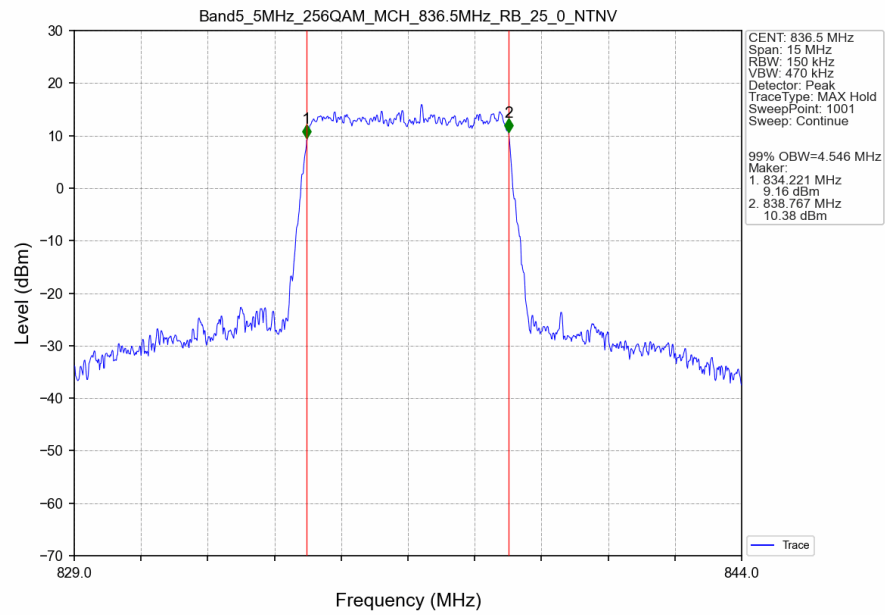
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN



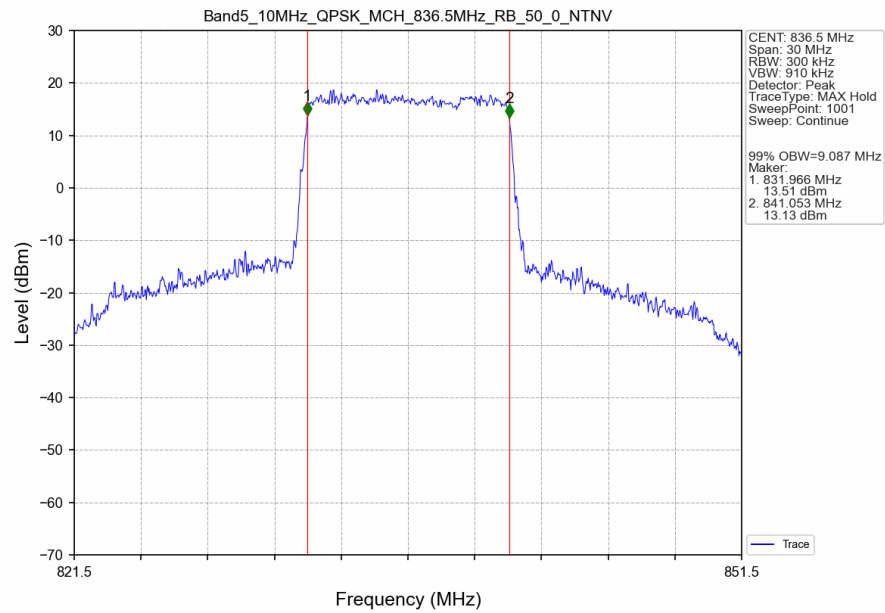
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



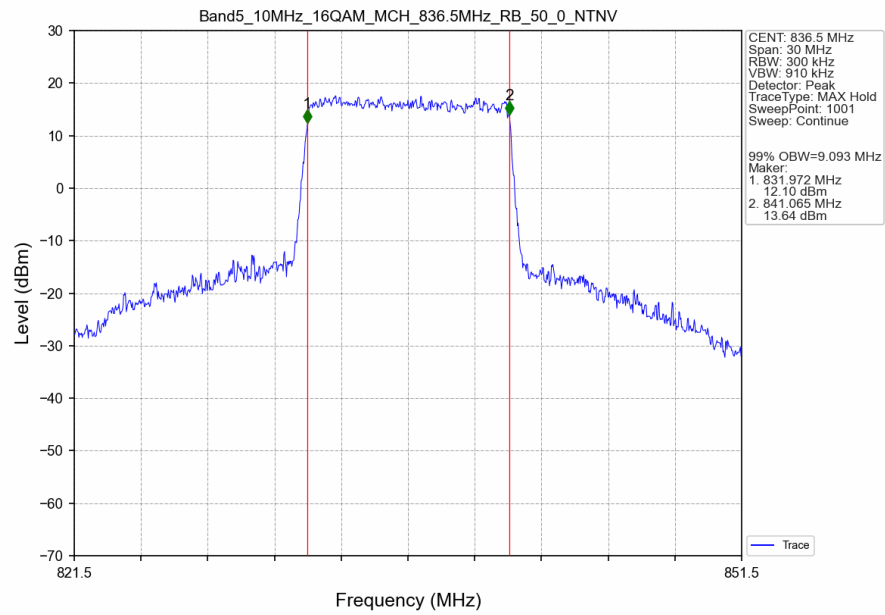
Band5 5MHz 256QAM MCH 836.5MHz RB 25 0 NTNV



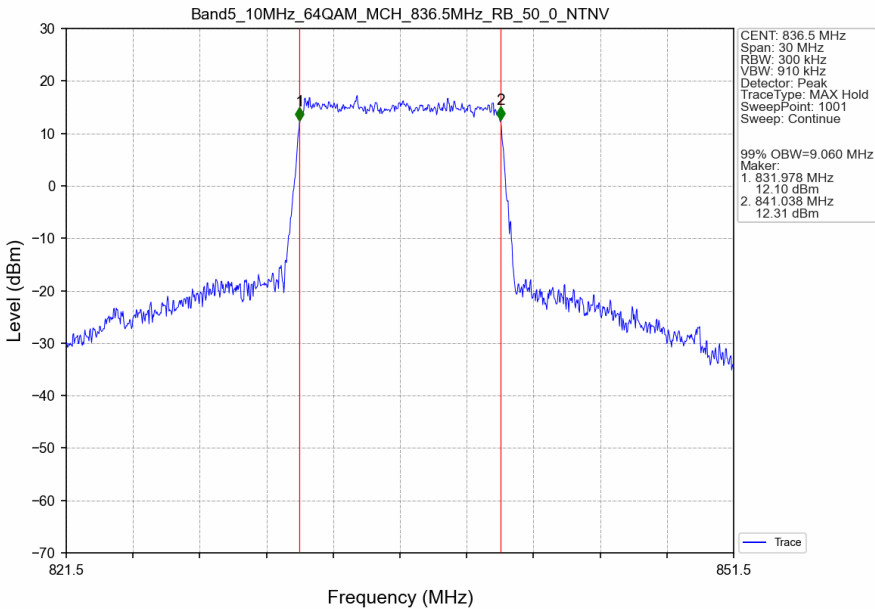
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTV



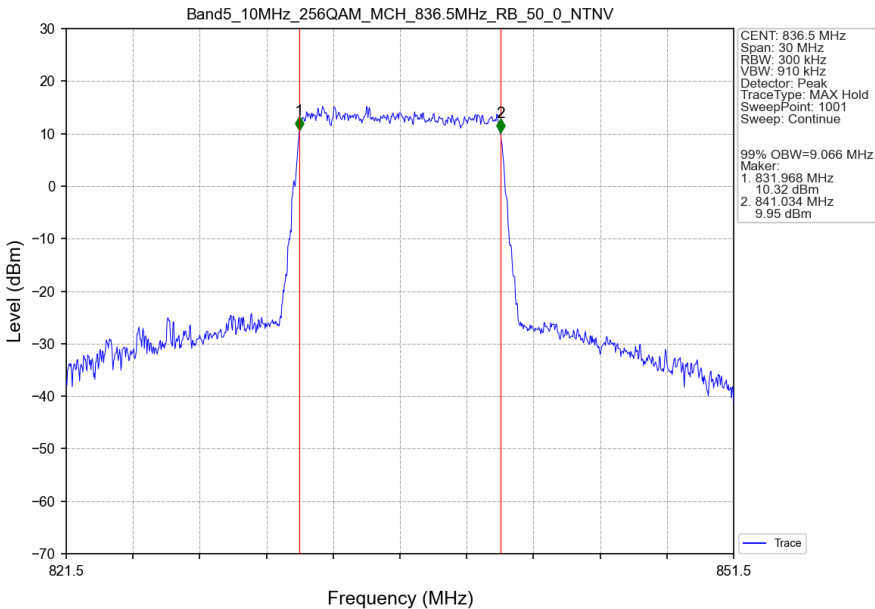
Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTV



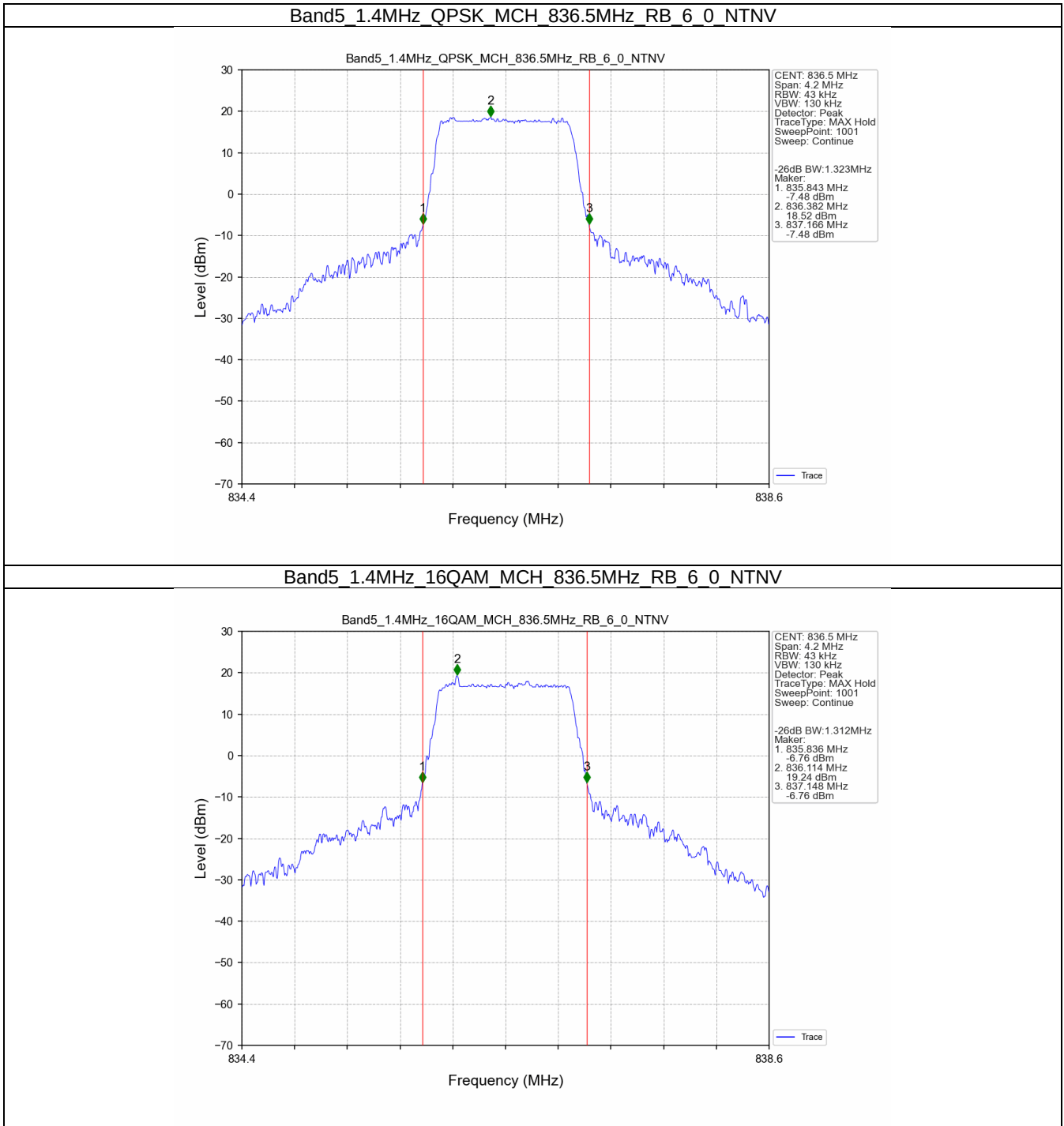
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



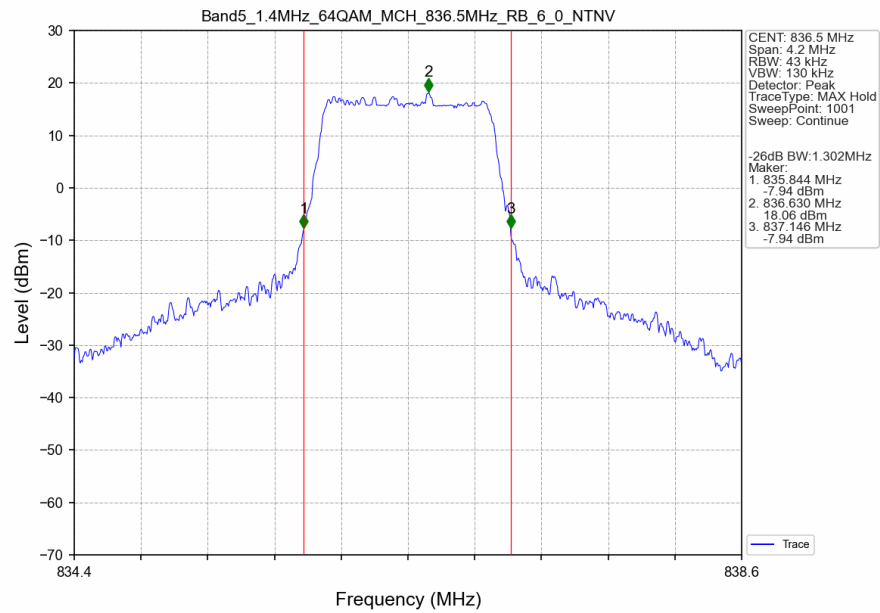
Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



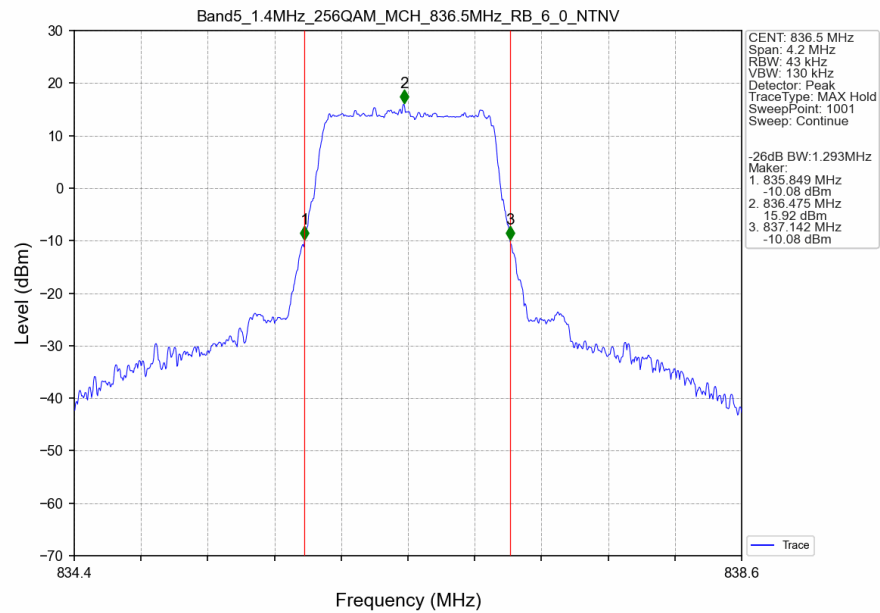
3.2.2 Band5_XDB



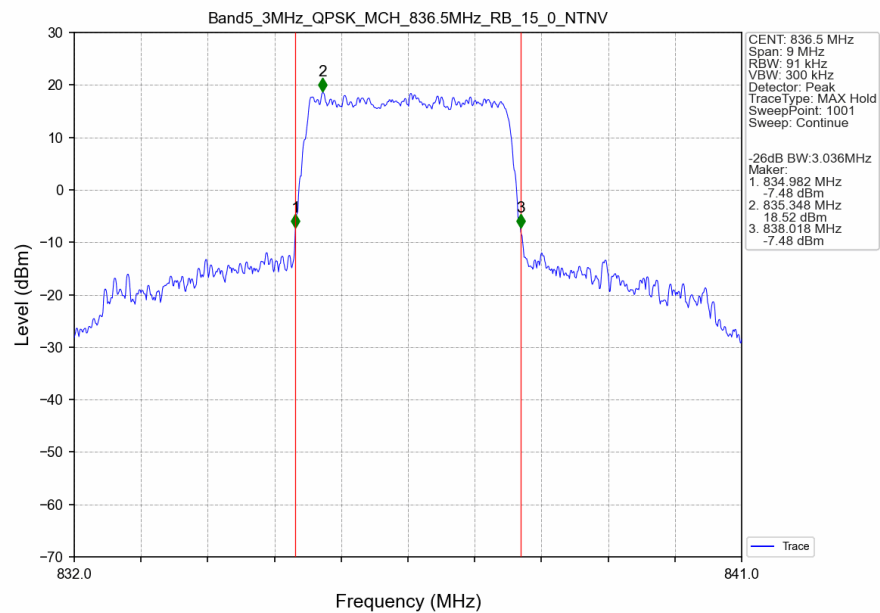
Band5 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTN



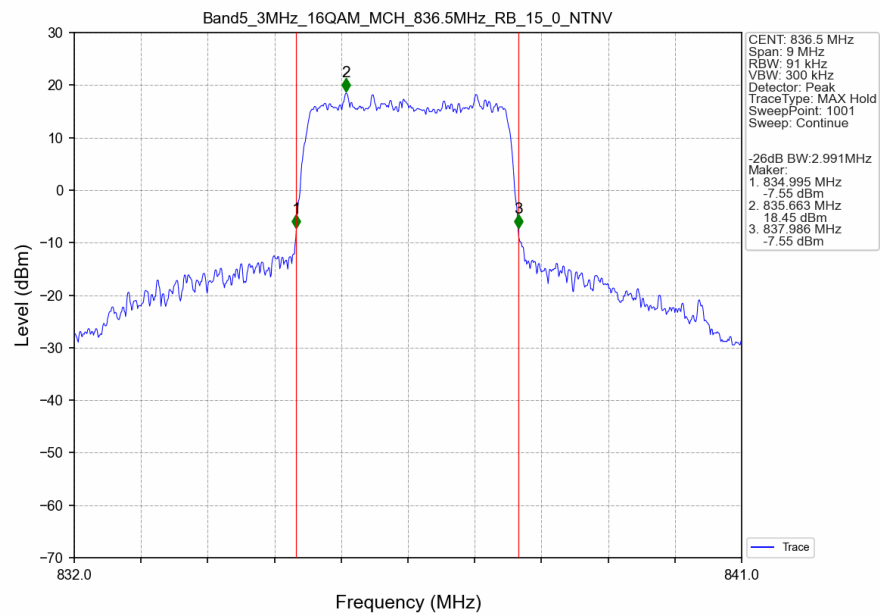
Band5 1.4MHz 256QAM MCH 836.5MHz RB 6 0 NTN



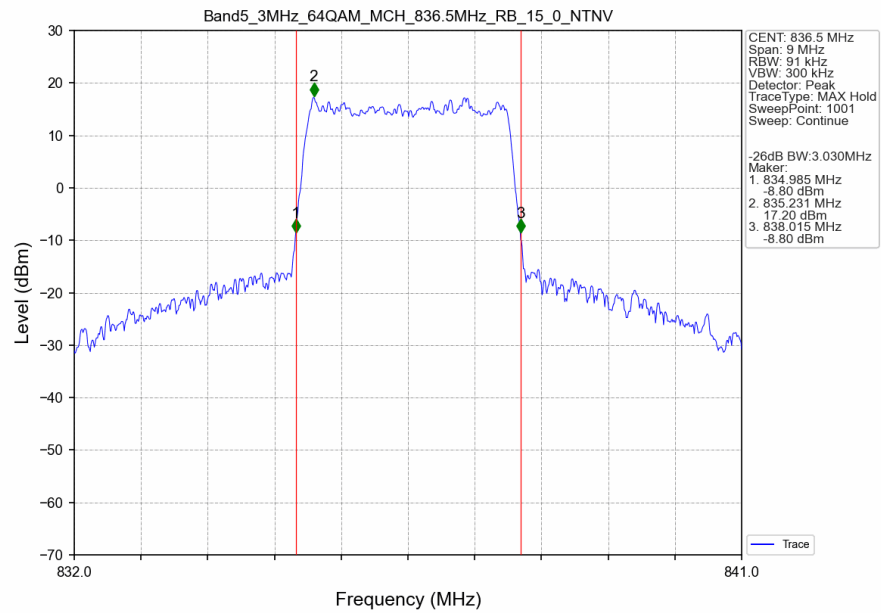
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



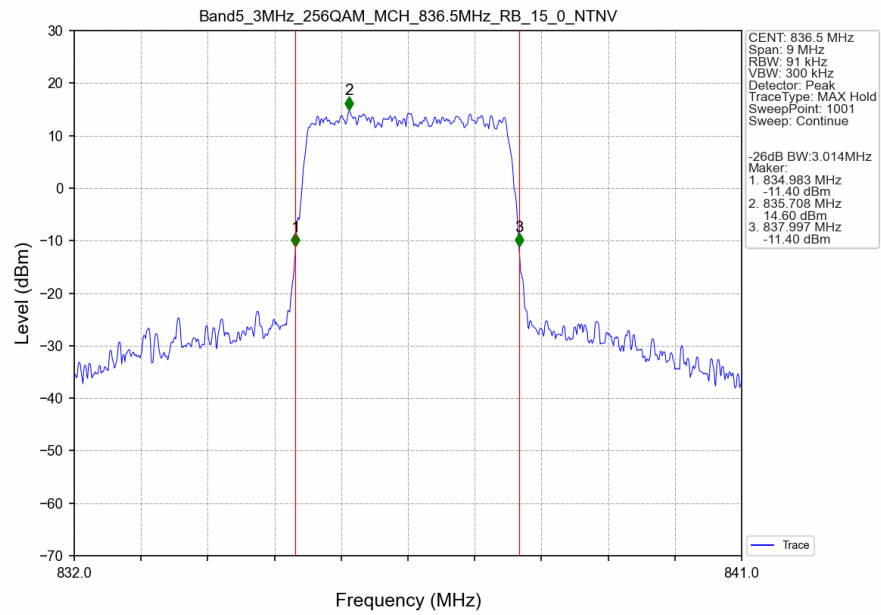
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



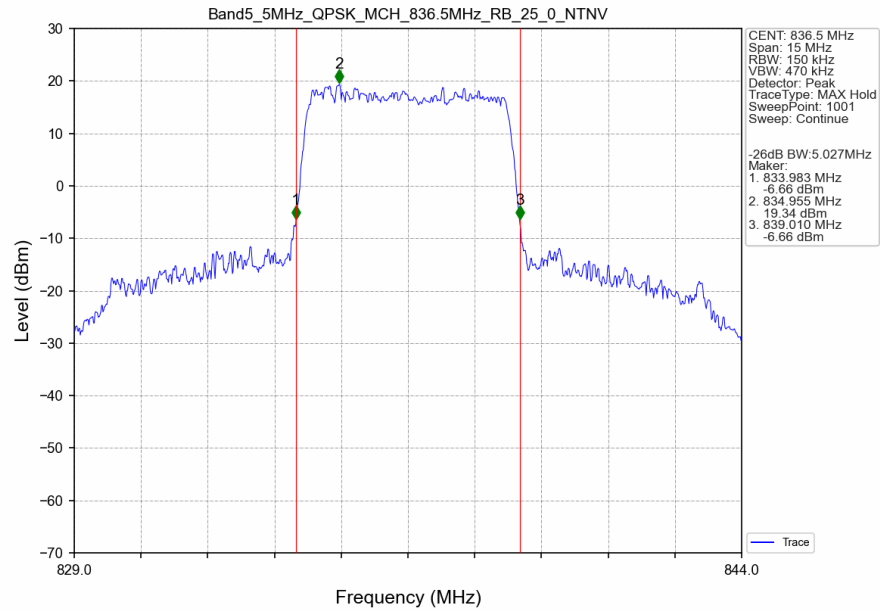
Band5 3MHz 64QAM MCH 836.5MHz RB 15 0 NTNV



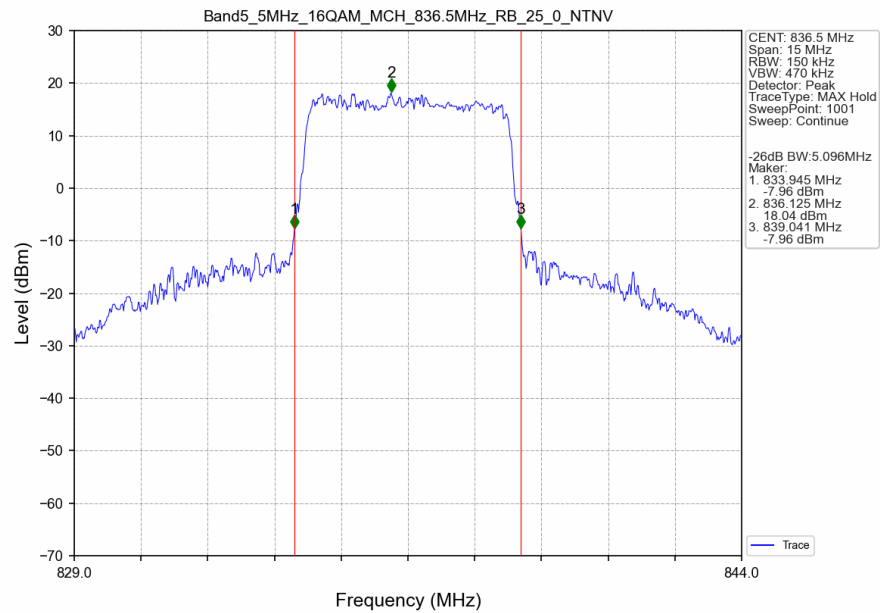
Band5 3MHz 256QAM MCH 836.5MHz RB 15 0 NTNV



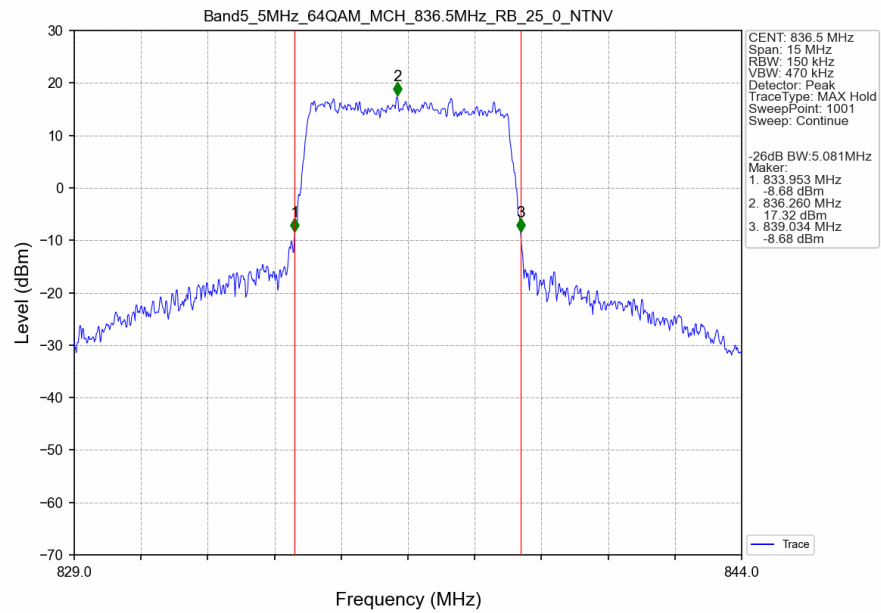
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



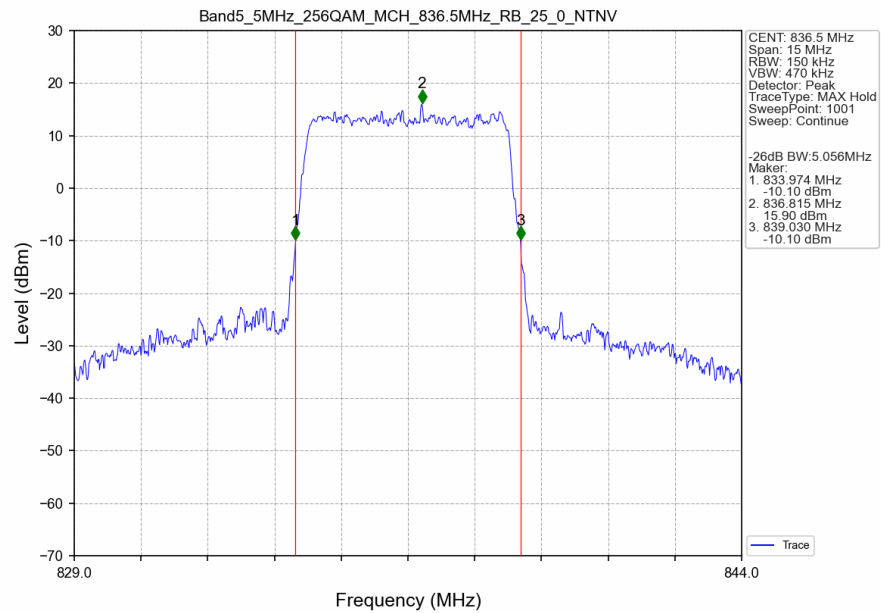
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



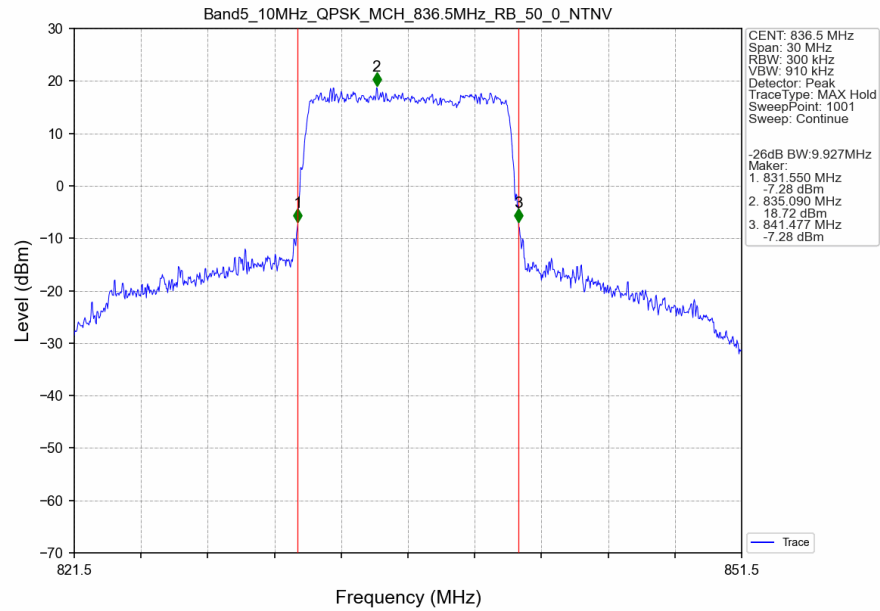
Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTNV



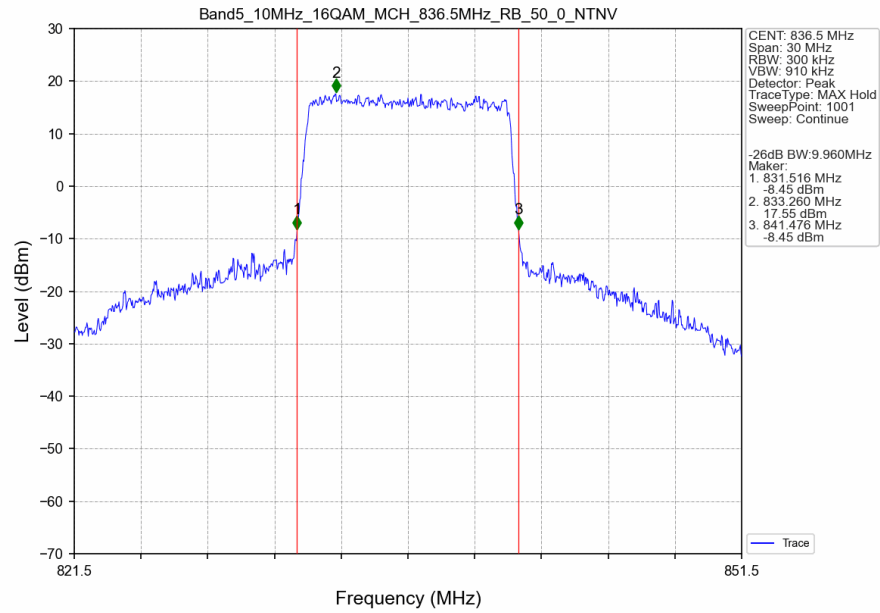
Band5 5MHz 256QAM MCH 836.5MHz RB 25 0 NTNV



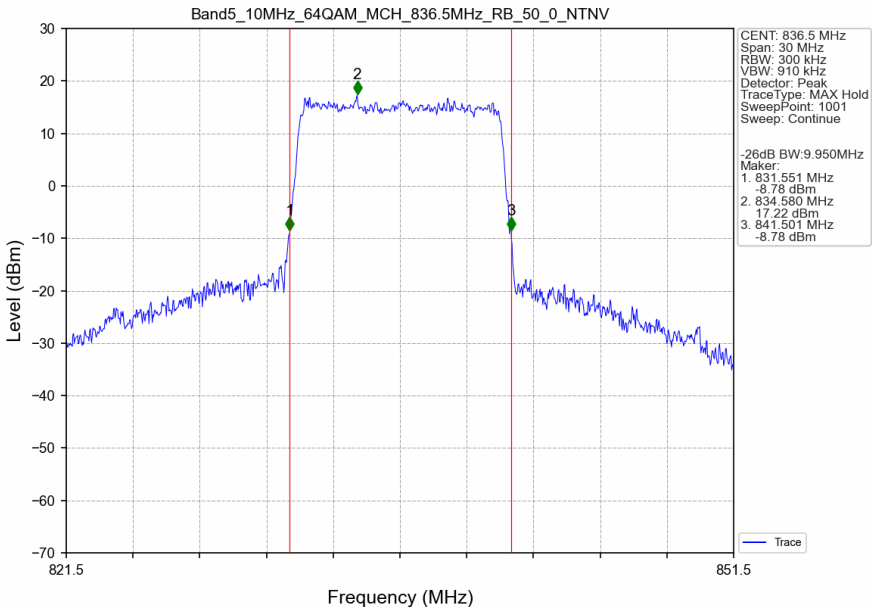
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



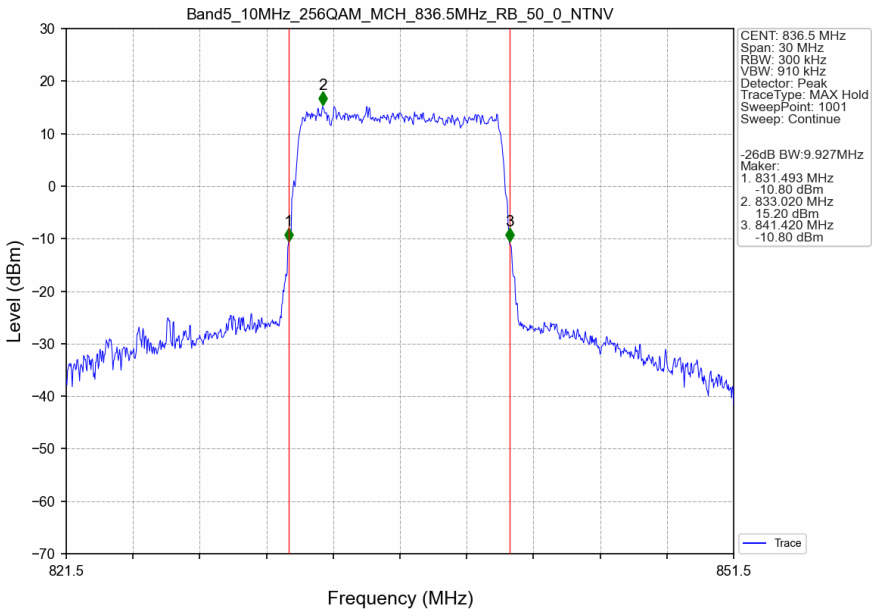
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

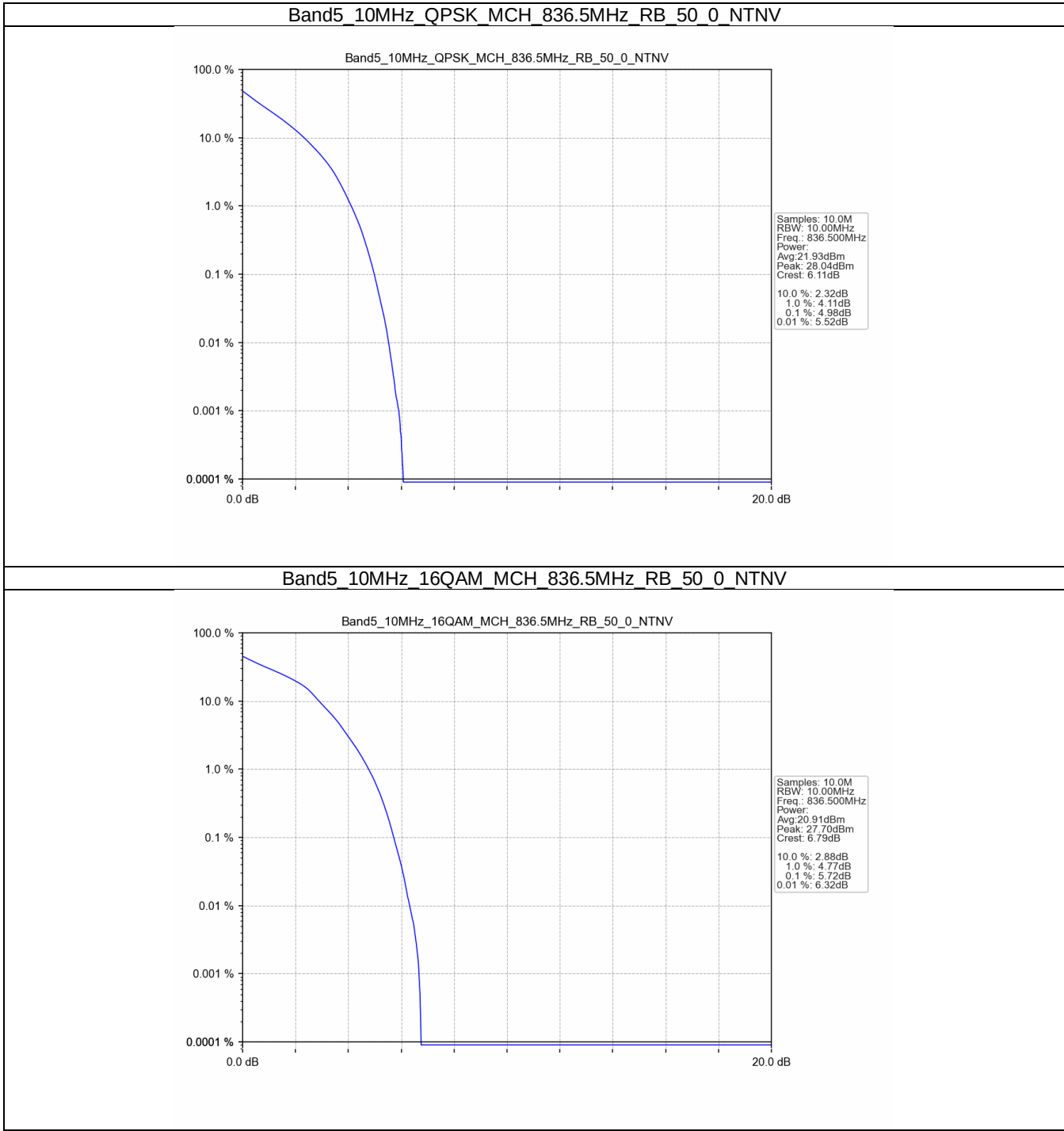
4.1 Test Result

4.1.1 B5_10MHz

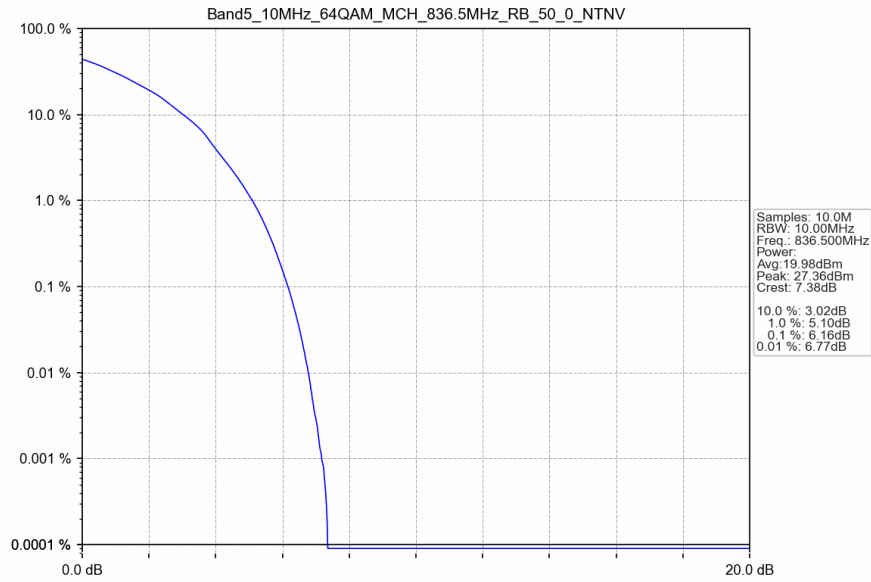
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	4.98	<=13	Pass
16QAM	836.5	50	0	5.72	<=13	Pass
64QAM	836.5	50	0	6.16	<=13	Pass
256QAM	836.5	50	0	6.71	<=13	Pass

4.2 Test Graph

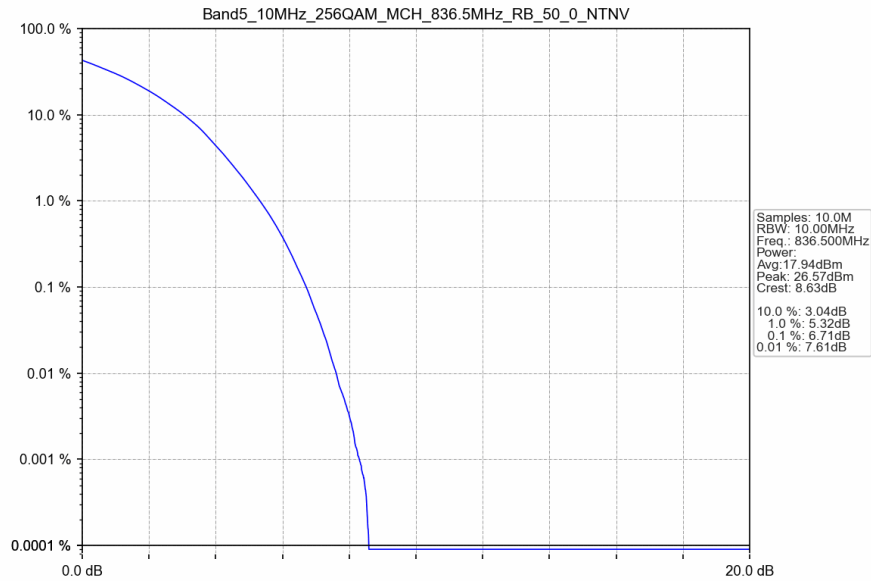
4.2.1 B5_10MHz



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 / NTV						
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

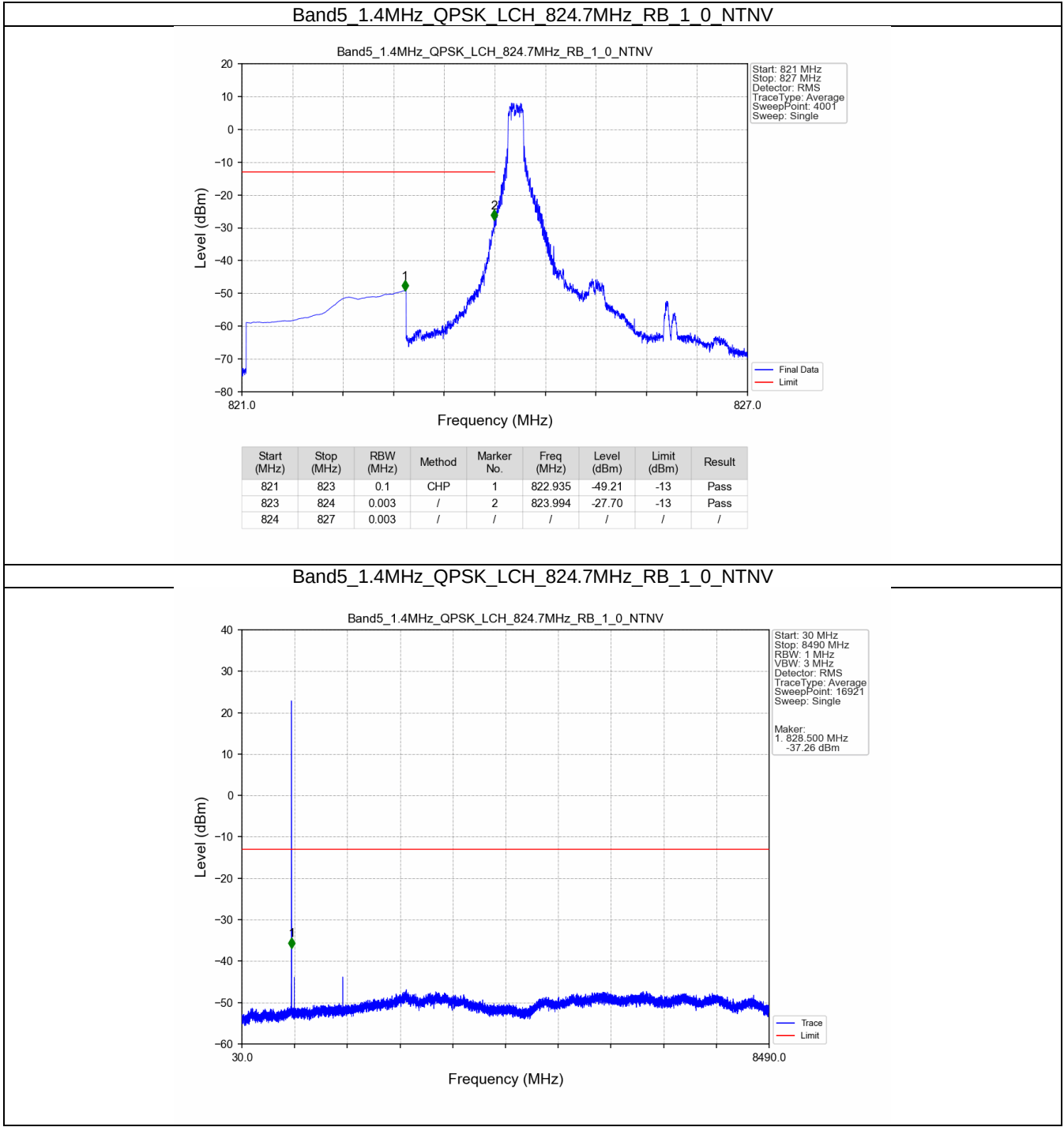
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

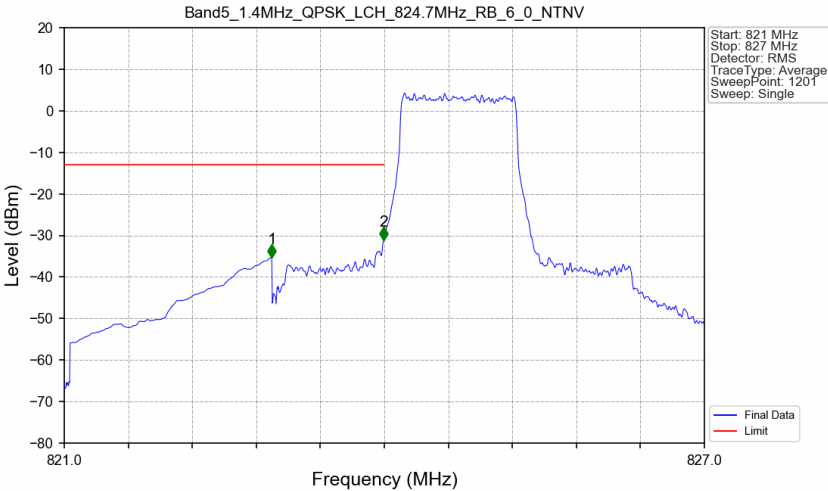
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

5.2 Test Graph

5.2.1 B5_1.4MHz

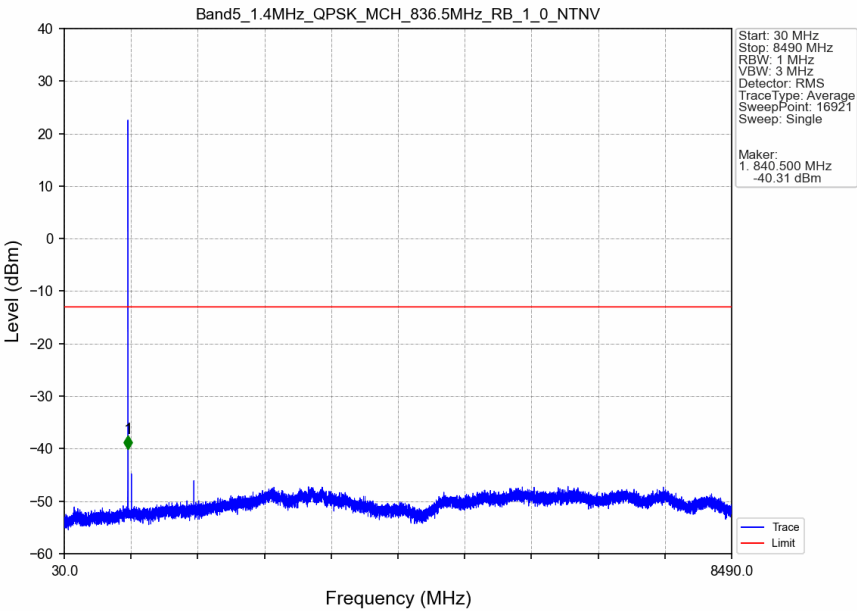


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV

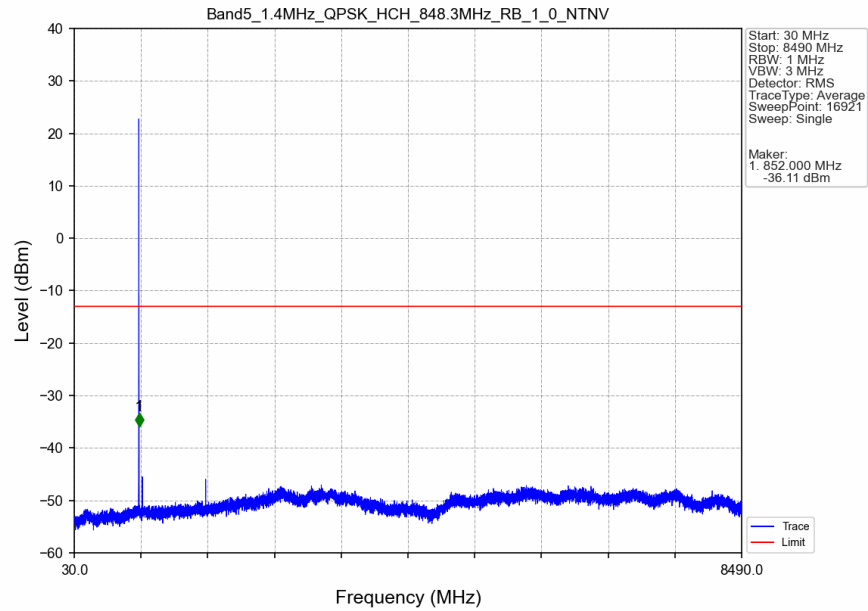


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-35.31	-13	Pass
823	824	0.013	CHP	2	823.995	-31.06	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

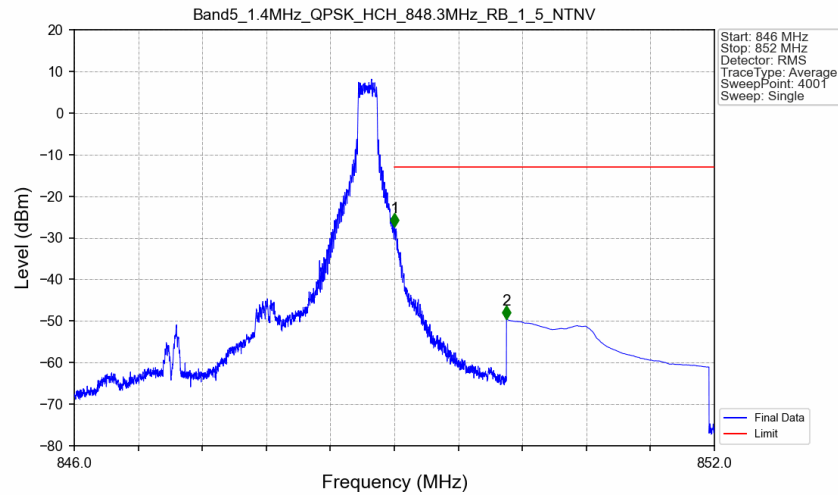
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTV

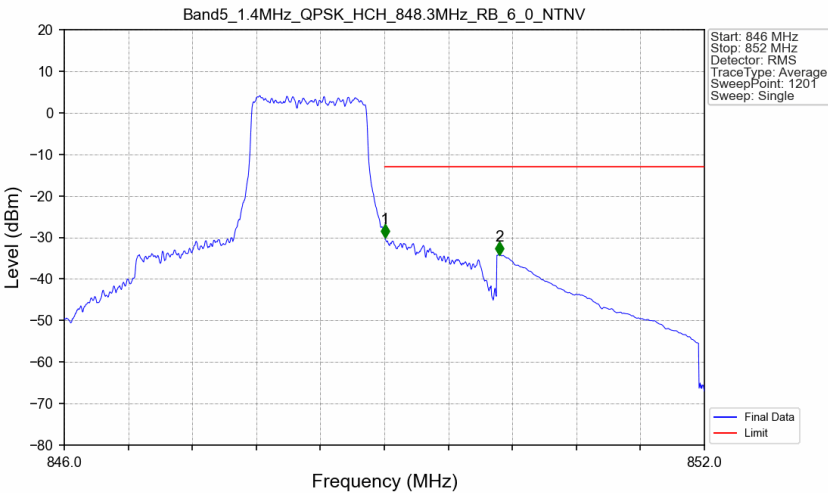


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTV



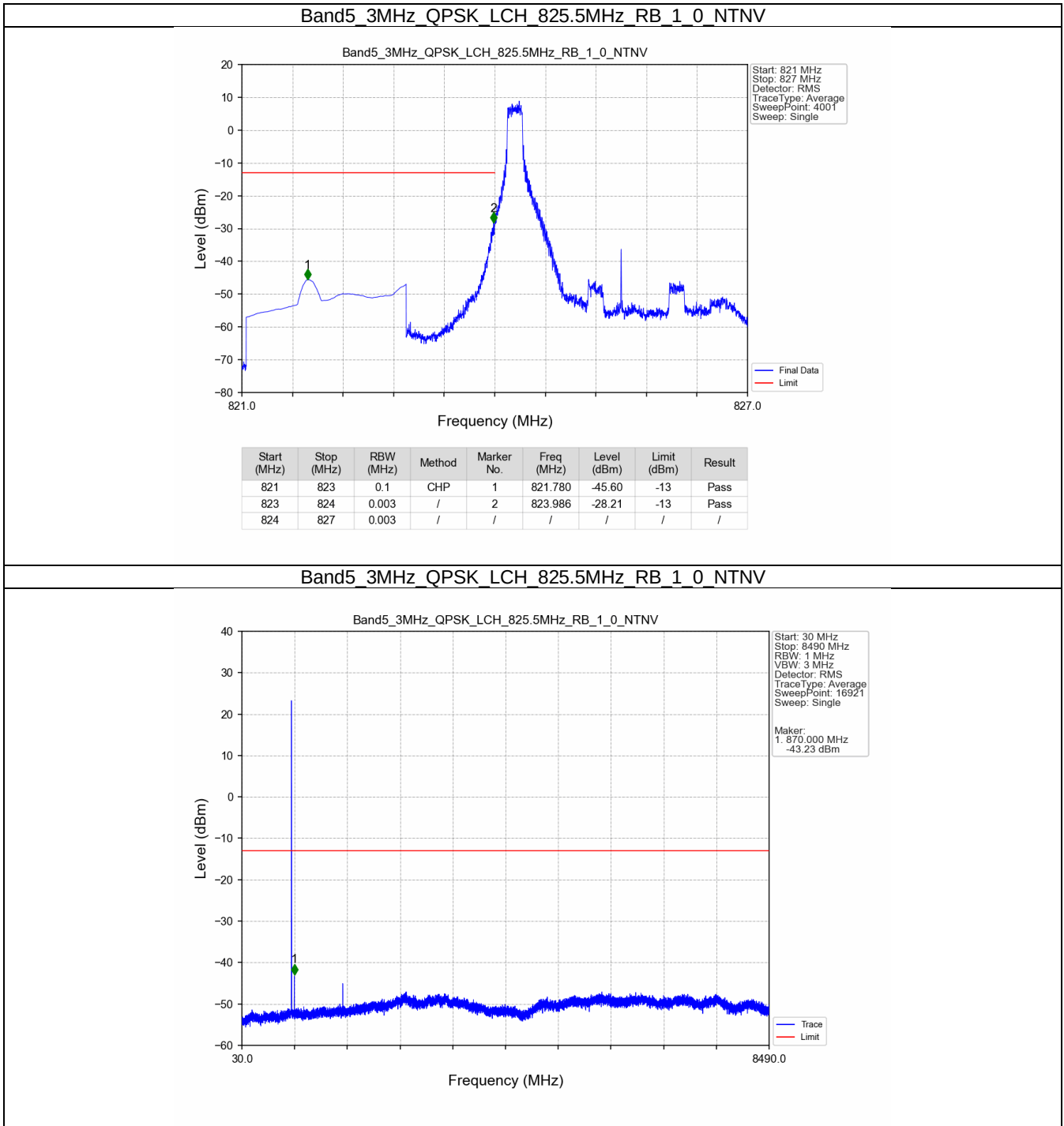
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-27.26	-13	Pass
850	852	0.1	CHP	2	850.052	-49.54	-13	Pass

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV

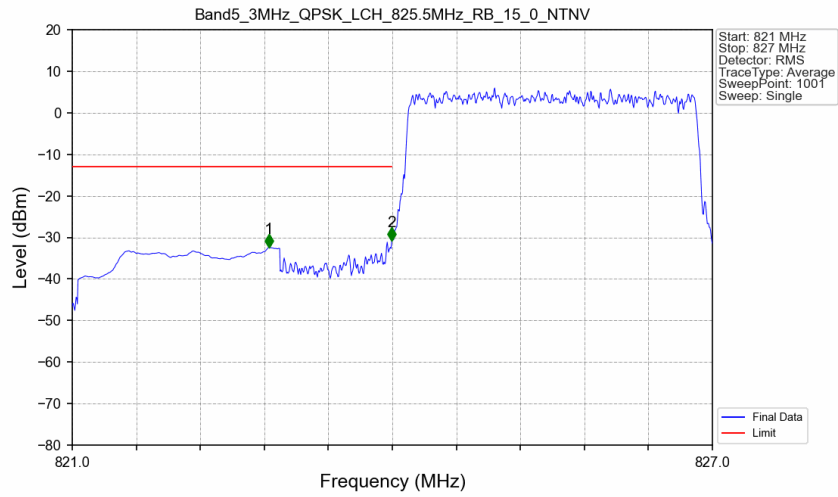


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-30.06	-13	Pass
850	852	0.1	CHP	2	850.080	-34.14	-13	Pass

5.2.2 B5_3MHz

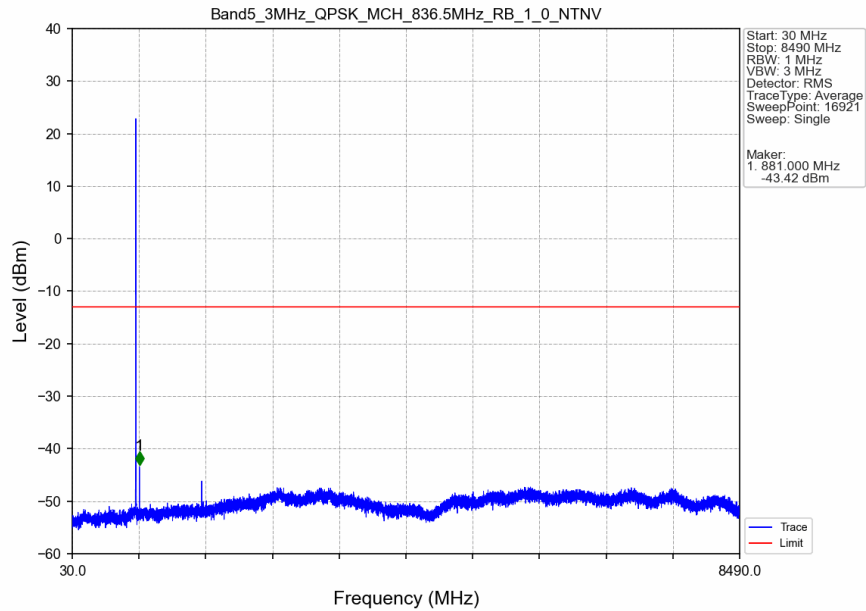


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

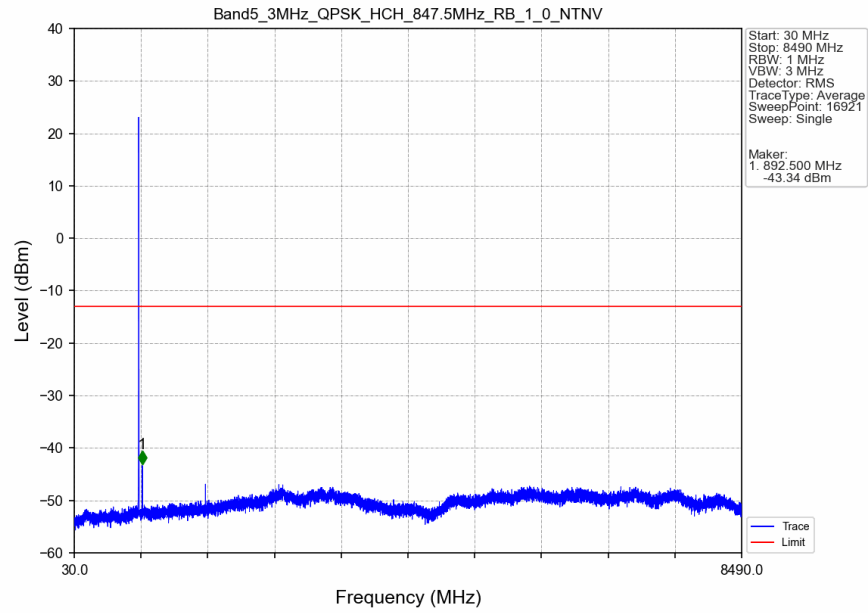


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.842	-32.44	-13	Pass
823	824	0.03	/	2	823.994	-30.85	-13	Pass
824	827	0.03	/	/	/	/	/	/

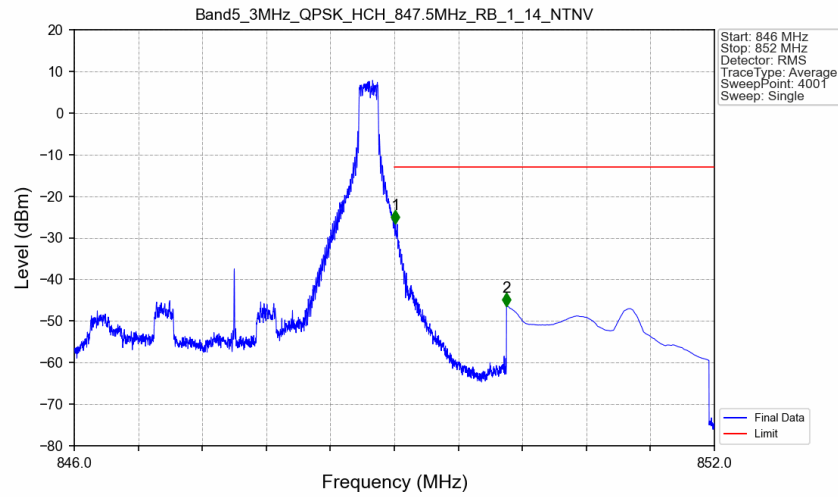
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTN

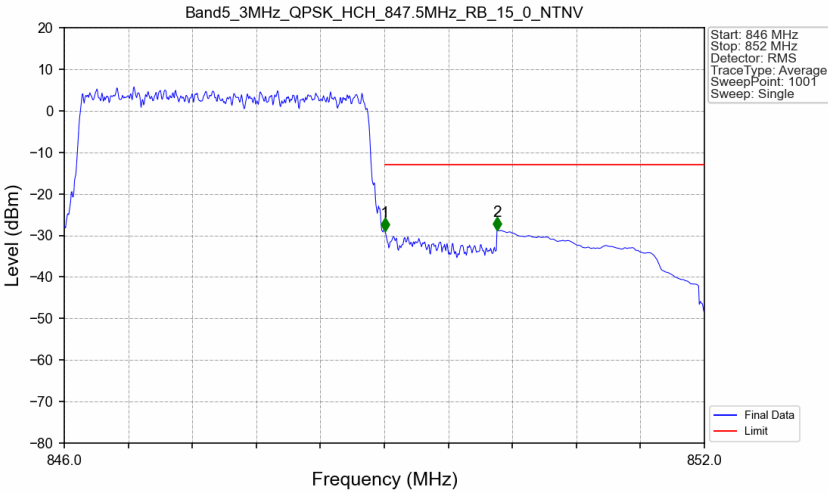


Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTN



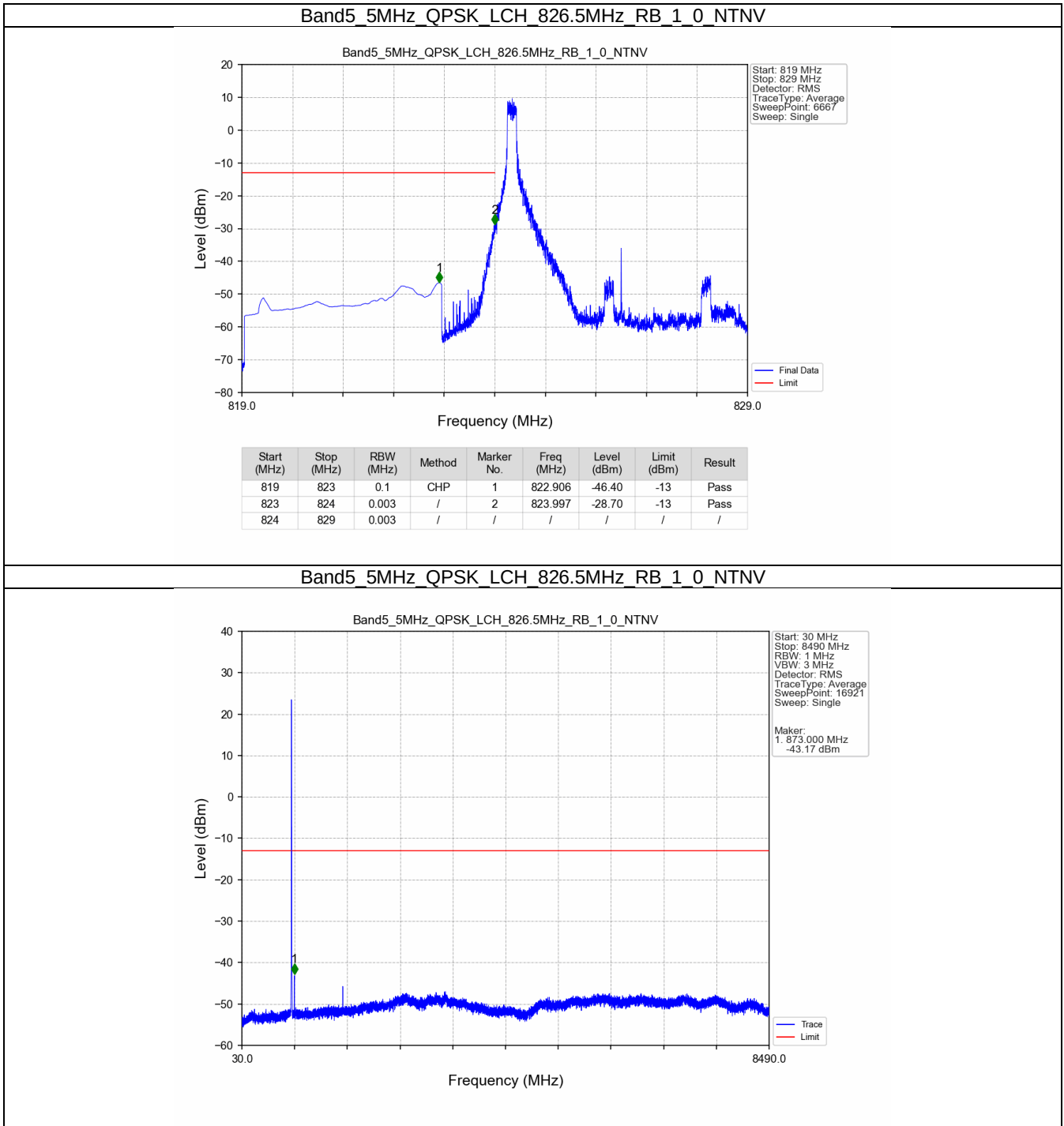
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.010	-26.54	-13	Pass
850	852	0.1	CHP	2	850.052	-46.47	-13	Pass

Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN

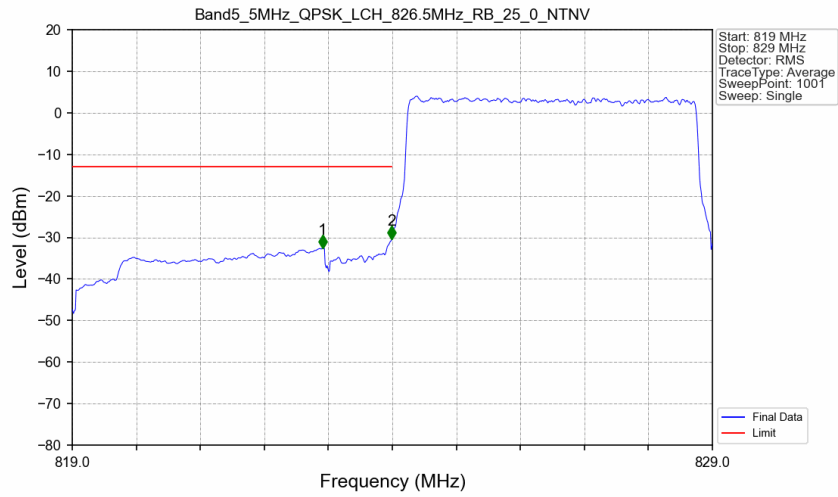


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-28.98	-13	Pass
850	852	0.1	CHP	2	850.056	-28.74	-13	Pass

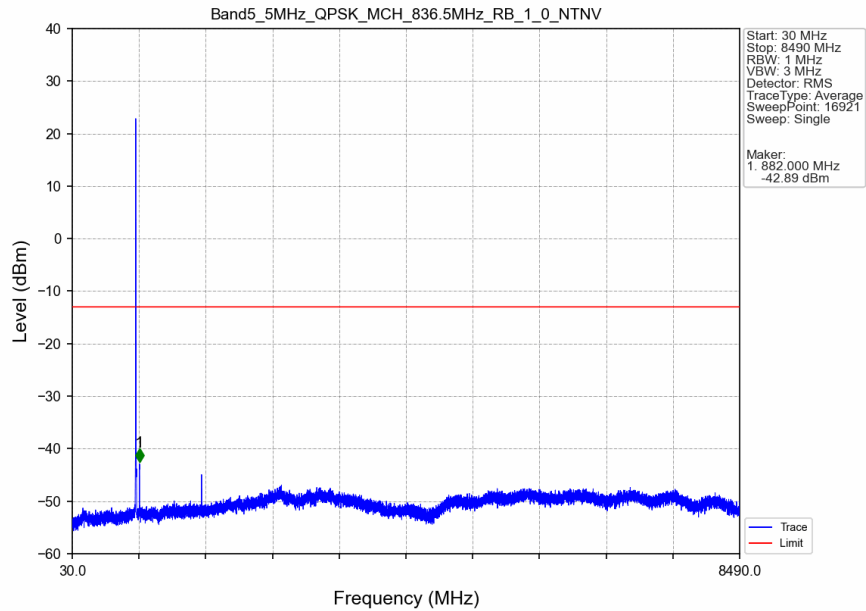
5.2.3 B5_5MHz



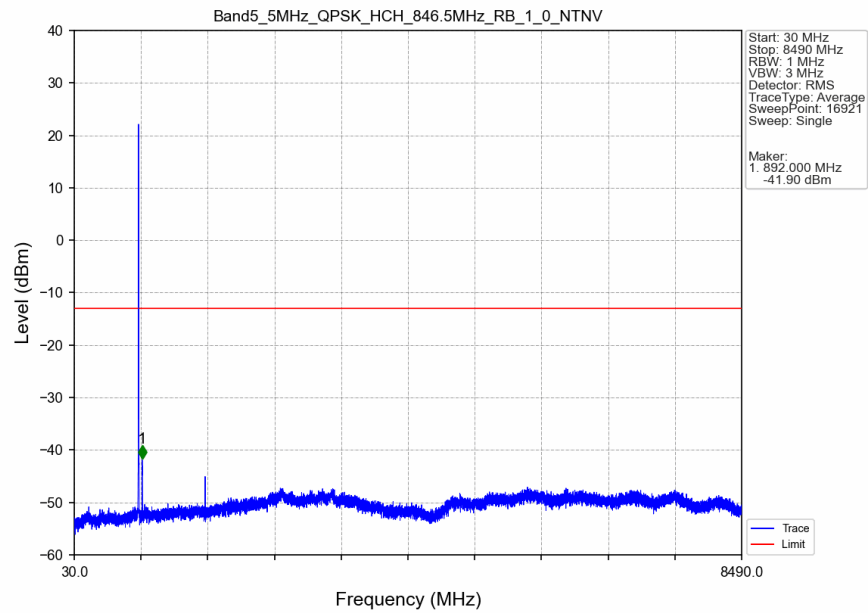
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



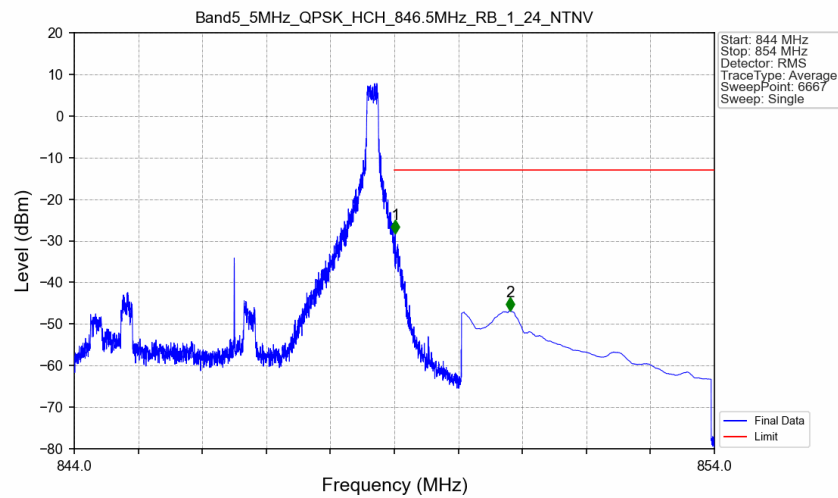
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTN



Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTN

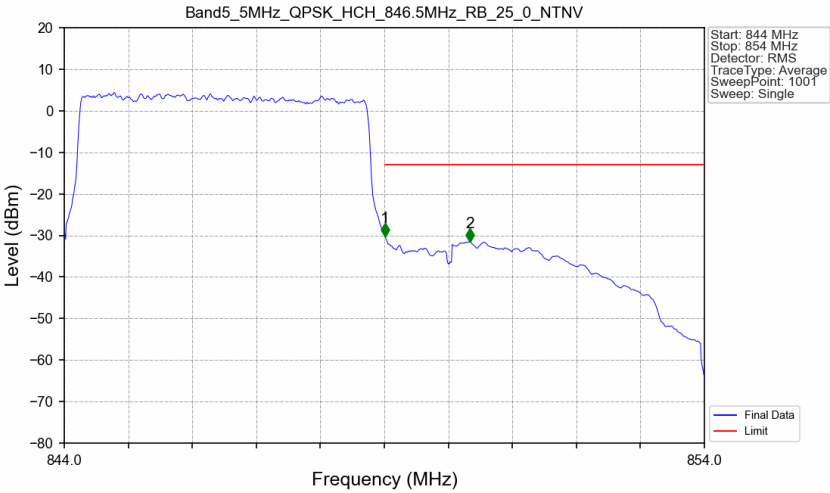


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24 NTN



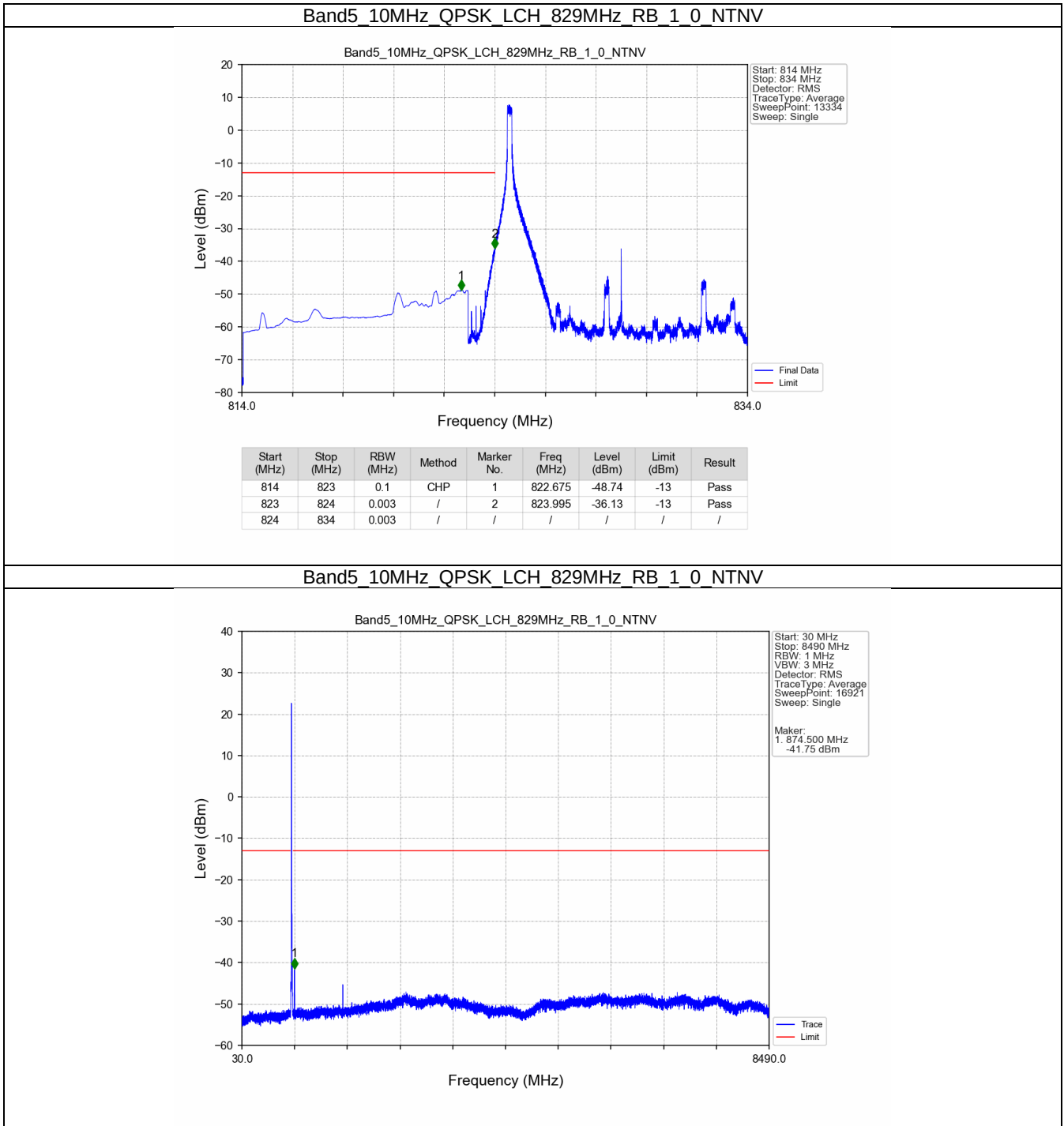
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-28.23	-13	Pass
850	854	0.1	CHP	2	850.809	-46.84	-13	Pass

Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN

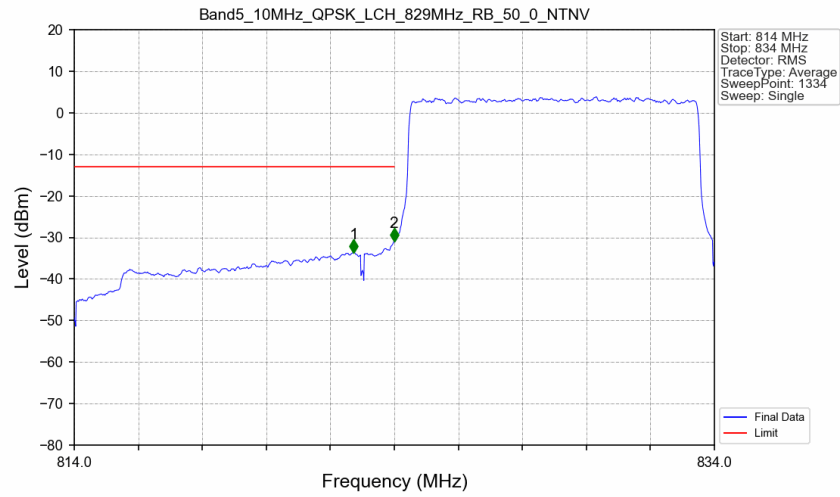


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-30.23	-13	Pass
850	854	0.1	CHP	2	850.340	-31.43	-13	Pass

5.2.4 B5_10MHz

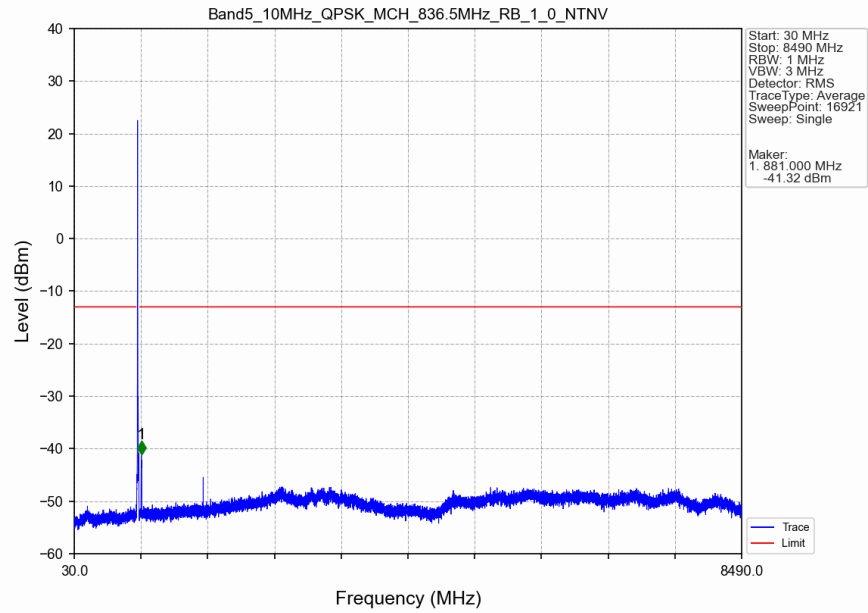


Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN

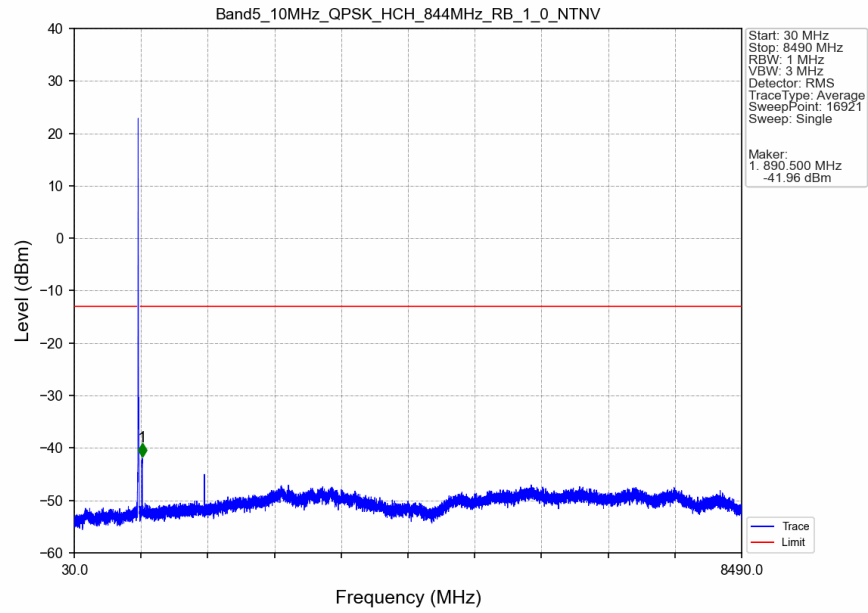


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.732	-33.61	-13	Pass
823	824	0.099	CHP	2	823.992	-31.02	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

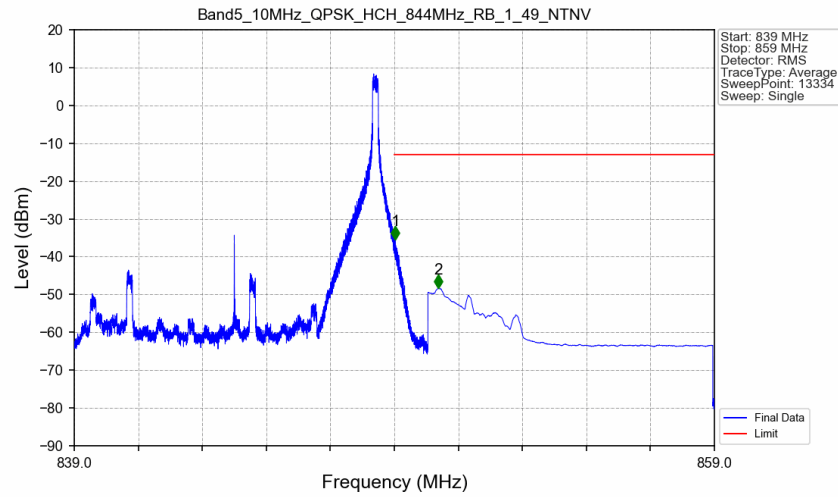
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTN



Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV

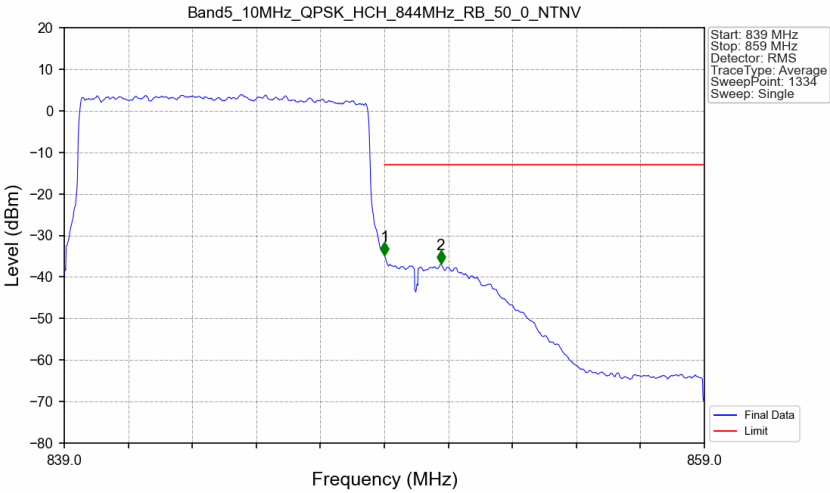


Band5 10MHz QPSK HCH 844MHz RB 1 49 NTNV



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	849.026	-35.35	-13	Pass
850	859	0.1	CHP	2	850.378	-48.29	-13	Pass

Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



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	849.008	-34.76	-13	Pass
850	859	0.1	CHP	2	850.763	-36.86	-13	Pass