

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	24.42	-3.30	18.97	<=38.45	Pass
			2	24.41	-3.30	18.96	<=38.45	Pass
			5	24.37	-3.30	18.92	<=38.45	Pass
		3	0	24.39	-3.30	18.94	<=38.45	Pass
			2	24.35	-3.30	18.90	<=38.45	Pass
			3	24.34	-3.30	18.89	<=38.45	Pass
		6	0	23.41	-3.30	17.96	<=38.45	Pass
	836.5	1	0	24.45	-3.30	19.00	<=38.45	Pass
			2	24.43	-3.30	18.98	<=38.45	Pass
			5	24.36	-3.30	18.91	<=38.45	Pass
		3	0	24.34	-3.30	18.89	<=38.45	Pass
			2	24.33	-3.30	18.88	<=38.45	Pass
			3	24.29	-3.30	18.84	<=38.45	Pass
		6	0	23.32	-3.30	17.87	<=38.45	Pass
	848.3	1	0	24.31	-3.30	18.86	<=38.45	Pass
			2	24.31	-3.30	18.86	<=38.45	Pass
			5	24.31	-3.30	18.86	<=38.45	Pass
		3	0	24.22	-3.30	18.77	<=38.45	Pass
			2	24.20	-3.30	18.75	<=38.45	Pass
			3	24.22	-3.30	18.77	<=38.45	Pass
		6	0	23.29	-3.30	17.84	<=38.45	Pass
16QAM	824.7	1	0	23.60	-3.30	18.15	<=38.45	Pass
			2	23.57	-3.30	18.12	<=38.45	Pass
			5	23.66	-3.30	18.21	<=38.45	Pass
		3	0	23.28	-3.30	17.83	<=38.45	Pass
			2	23.30	-3.30	17.85	<=38.45	Pass
			3	23.23	-3.30	17.78	<=38.45	Pass
		6	0	22.41	-3.30	16.96	<=38.45	Pass
	836.5	1	0	23.41	-3.30	17.96	<=38.45	Pass
			2	23.37	-3.30	17.92	<=38.45	Pass
			5	23.24	-3.30	17.79	<=38.45	Pass
		3	0	23.38	-3.30	17.93	<=38.45	Pass
			2	23.15	-3.30	17.70	<=38.45	Pass
			3	23.23	-3.30	17.78	<=38.45	Pass
		6	0	22.35	-3.30	16.90	<=38.45	Pass
	848.3	1	0	23.09	-3.30	17.64	<=38.45	Pass
			2	23.24	-3.30	17.79	<=38.45	Pass
			5	23.24	-3.30	17.79	<=38.45	Pass
		3	0	23.24	-3.30	17.79	<=38.45	Pass
			2	23.15	-3.30	17.70	<=38.45	Pass
			3	23.19	-3.30	17.74	<=38.45	Pass
		6	0	22.45	-3.30	17.00	<=38.45	Pass
64QAM	824.7	1	0	22.66	-3.30	17.21	<=38.45	Pass
			2	22.55	-3.30	17.10	<=38.45	Pass
			5	22.49	-3.30	17.04	<=38.45	Pass
		3	0	22.37	-3.30	16.92	<=38.45	Pass
			2	22.44	-3.30	16.99	<=38.45	Pass
			3	22.44	-3.30	16.99	<=38.45	Pass

		6	0	21.30	-3.30	15.85	<=38.45	Pass
	836.5	1	0	22.47	-3.30	17.02	<=38.45	Pass
			2	22.62	-3.30	17.17	<=38.45	Pass
			5	22.47	-3.30	17.02	<=38.45	Pass
			0	22.43	-3.30	16.98	<=38.45	Pass
		3	2	22.52	-3.30	17.07	<=38.45	Pass
			3	22.41	-3.30	16.96	<=38.45	Pass
		6	0	21.32	-3.30	15.87	<=38.45	Pass
	848.3	1	0	22.44	-3.30	16.99	<=38.45	Pass
			2	21.71	-3.30	16.26	<=38.45	Pass
			5	22.41	-3.30	16.96	<=38.45	Pass
		3	0	22.48	-3.30	17.03	<=38.45	Pass
			2	22.38	-3.30	16.93	<=38.45	Pass
			3	22.46	-3.30	17.01	<=38.45	Pass
		6	0	21.38	-3.30	15.93	<=38.45	Pass
256QAM	824.7	1	0	19.57	-3.30	14.12	<=38.45	Pass
			2	19.55	-3.30	14.10	<=38.45	Pass
			5	19.58	-3.30	14.13	<=38.45	Pass
		3	0	19.52	-3.30	14.07	<=38.45	Pass
			2	19.58	-3.30	14.13	<=38.45	Pass
			3	19.55	-3.30	14.10	<=38.45	Pass
		6	0	19.40	-3.30	13.95	<=38.45	Pass
	836.5	1	0	19.37	-3.30	13.92	<=38.45	Pass
			2	19.56	-3.30	14.11	<=38.45	Pass
			5	19.55	-3.30	14.10	<=38.45	Pass
		3	0	19.52	-3.30	14.07	<=38.45	Pass
			2	19.48	-3.30	14.03	<=38.45	Pass
			3	19.52	-3.30	14.07	<=38.45	Pass
	6	0	19.41	-3.30	13.96	<=38.45	Pass	
	848.3	1	0	18.81	-3.30	13.36	<=38.45	Pass
			2	19.43	-3.30	13.98	<=38.45	Pass
			5	19.53	-3.30	14.08	<=38.45	Pass
		3	0	19.51	-3.30	14.06	<=38.45	Pass
			2	19.54	-3.30	14.09	<=38.45	Pass
			3	19.55	-3.30	14.10	<=38.45	Pass
		6	0	19.41	-3.30	13.96	<=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	24.47	-3.30	19.02	<=38.45	Pass
			7	24.31	-3.30	18.86	<=38.45	Pass
			14	24.42	-3.30	18.97	<=38.45	Pass
		8	0	23.39	-3.30	17.94	<=38.45	Pass
			4	23.25	-3.30	17.80	<=38.45	Pass
			7	23.29	-3.30	17.84	<=38.45	Pass
		15	0	23.27	-3.30	17.82	<=38.45	Pass
	836.5	1	0	24.46	-3.30	19.01	<=38.45	Pass
			7	24.29	-3.30	18.84	<=38.45	Pass
			14	24.35	-3.30	18.90	<=38.45	Pass
		8	0	23.36	-3.30	17.91	<=38.45	Pass
			4	23.29	-3.30	17.84	<=38.45	Pass
			7	23.34	-3.30	17.89	<=38.45	Pass
		15	0	23.31	-3.30	17.86	<=38.45	Pass
			0	23.31	-3.30	17.86	<=38.45	Pass

	847.5	1	0	24.41	-3.30	18.96	<=38.45	Pass		
			7	24.17	-3.30	18.72	<=38.45	Pass		
			14	24.34	-3.30	18.89	<=38.45	Pass		
		8	0	23.36	-3.30	17.91	<=38.45	Pass		
			4	23.26	-3.30	17.81	<=38.45	Pass		
			7	23.22	-3.30	17.77	<=38.45	Pass		
		15	0	23.25	-3.30	17.80	<=38.45	Pass		
		16QAM	825.5	1	0	23.37	-3.30	17.92	<=38.45	Pass
					7	23.20	-3.30	17.75	<=38.45	Pass
14	23.55				-3.30	18.10	<=38.45	Pass		
8	0			22.43	-3.30	16.98	<=38.45	Pass		
	4			22.35	-3.30	16.90	<=38.45	Pass		
	7			22.46	-3.30	17.01	<=38.45	Pass		
15	0			22.43	-3.30	16.98	<=38.45	Pass		
836.5	1			0	23.26	-3.30	17.81	<=38.45	Pass	
				7	23.36	-3.30	17.91	<=38.45	Pass	
			14	23.36	-3.30	17.91	<=38.45	Pass		
	8		0	22.53	-3.30	17.08	<=38.45	Pass		
			4	22.34	-3.30	16.89	<=38.45	Pass		
			7	22.49	-3.30	17.04	<=38.45	Pass		
	15		0	22.39	-3.30	16.94	<=38.45	Pass		
	847.5		1	0	23.34	-3.30	17.89	<=38.45	Pass	
				7	23.35	-3.30	17.90	<=38.45	Pass	
14				23.16	-3.30	17.71	<=38.45	Pass		
8			0	22.36	-3.30	16.91	<=38.45	Pass		
			4	22.28	-3.30	16.83	<=38.45	Pass		
			7	22.31	-3.30	16.86	<=38.45	Pass		
15			0	22.32	-3.30	16.87	<=38.45	Pass		
64QAM			825.5	1	0	22.11	-3.30	16.66	<=38.45	Pass
					7	22.45	-3.30	17.00	<=38.45	Pass
	14				22.40	-3.30	16.95	<=38.45	Pass	
	8			0	21.38	-3.30	15.93	<=38.45	Pass	
				4	21.52	-3.30	16.07	<=38.45	Pass	
				7	21.48	-3.30	16.03	<=38.45	Pass	
	15	0		21.62	-3.30	16.17	<=38.45	Pass		
	836.5	1		0	22.07	-3.30	16.62	<=38.45	Pass	
				7	22.12	-3.30	16.67	<=38.45	Pass	
			14	22.52	-3.30	17.07	<=38.45	Pass		
		8	0	21.44	-3.30	15.99	<=38.45	Pass		
			4	21.44	-3.30	15.99	<=38.45	Pass		
			7	21.49	-3.30	16.04	<=38.45	Pass		
		15	0	21.50	-3.30	16.05	<=38.45	Pass		
	847.5	1	0	22.42	-3.30	16.97	<=38.45	Pass		
			7	22.04	-3.30	16.59	<=38.45	Pass		
			14	22.11	-3.30	16.66	<=38.45	Pass		
		8	0	21.34	-3.30	15.89	<=38.45	Pass		
			4	21.44	-3.30	15.99	<=38.45	Pass		
			7	21.47	-3.30	16.02	<=38.45	Pass		
		15	0	21.55	-3.30	16.10	<=38.45	Pass		
		256QAM	825.5	1	0	19.50	-3.30	14.05	<=38.45	Pass
					7	19.49	-3.30	14.04	<=38.45	Pass
	14				19.60	-3.30	14.15	<=38.45	Pass	
	8			0	19.60	-3.30	14.15	<=38.45	Pass	
				4	19.47	-3.30	14.02	<=38.45	Pass	
				7	19.49	-3.30	14.04	<=38.45	Pass	
15	0			19.50	-3.30	14.05	<=38.45	Pass		
836.5	1			0	19.52	-3.30	14.07	<=38.45	Pass	
				7	19.52	-3.30	14.07	<=38.45	Pass	
			14	19.48	-3.30	14.03	<=38.45	Pass		

		8	0	19.53	-3.30	14.08	<=38.45	Pass
			4	19.54	-3.30	14.09	<=38.45	Pass
			7	19.44	-3.30	13.99	<=38.45	Pass
	847.5	15	0	19.52	-3.30	14.07	<=38.45	Pass
		1	0	19.36	-3.30	13.91	<=38.45	Pass
			7	19.50	-3.30	14.05	<=38.45	Pass
			14	19.47	-3.30	14.02	<=38.45	Pass
		8	0	19.41	-3.30	13.96	<=38.45	Pass
			4	19.57	-3.30	14.12	<=38.45	Pass
			7	19.55	-3.30	14.10	<=38.45	Pass
		15	0	19.46	-3.30	14.01	<=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	24.35	-3.30	18.90	<=38.45	Pass
			13	24.39	-3.30	18.94	<=38.45	Pass
			24	24.44	-3.30	18.99	<=38.45	Pass
		12	0	23.39	-3.30	17.94	<=38.45	Pass
			6	23.22	-3.30	17.77	<=38.45	Pass
			13	23.40	-3.30	17.95	<=38.45	Pass
		25	0	23.44	-3.30	17.99	<=38.45	Pass
	836.5	1	0	24.42	-3.30	18.97	<=38.45	Pass
			13	24.46	-3.30	19.01	<=38.45	Pass
			24	24.43	-3.30	18.98	<=38.45	Pass
		12	0	23.34	-3.30	17.89	<=38.45	Pass
			6	23.15	-3.30	17.70	<=38.45	Pass
			13	23.26	-3.30	17.81	<=38.45	Pass
		25	0	23.29	-3.30	17.84	<=38.45	Pass
	846.5	1	0	24.42	-3.30	18.97	<=38.45	Pass
			13	24.34	-3.30	18.89	<=38.45	Pass
			24	24.32	-3.30	18.87	<=38.45	Pass
		12	0	23.35	-3.30	17.90	<=38.45	Pass
			6	23.27	-3.30	17.82	<=38.45	Pass
			13	23.32	-3.30	17.87	<=38.45	Pass
		25	0	23.41	-3.30	17.96	<=38.45	Pass
16QAM	826.5	1	0	23.04	-3.30	17.59	<=38.45	Pass
			13	23.40	-3.30	17.95	<=38.45	Pass
			24	23.14	-3.30	17.69	<=38.45	Pass
		12	0	22.51	-3.30	17.06	<=38.45	Pass
			6	22.30	-3.30	16.85	<=38.45	Pass
			13	22.42	-3.30	16.97	<=38.45	Pass
		25	0	22.32	-3.30	16.87	<=38.45	Pass
	836.5	1	0	23.66	-3.30	18.21	<=38.45	Pass
			13	23.60	-3.30	18.15	<=38.45	Pass
			24	23.68	-3.30	18.23	<=38.45	Pass
		12	0	22.47	-3.30	17.02	<=38.45	Pass
			6	22.33	-3.30	16.88	<=38.45	Pass
			13	22.37	-3.30	16.92	<=38.45	Pass
		25	0	22.35	-3.30	16.90	<=38.45	Pass
	846.5	1	0	23.26	-3.30	17.81	<=38.45	Pass
			13	23.22	-3.30	17.77	<=38.45	Pass
			24	22.55	-3.30	17.10	<=38.45	Pass
		12	0	22.31	-3.30	16.86	<=38.45	Pass

			6	22.28	-3.30	16.83	<=38.45	Pass	
			13	22.35	-3.30	16.90	<=38.45	Pass	
		25	0	22.41	-3.30	16.96	<=38.45	Pass	
64QAM	826.5	1	0	22.33	-3.30	16.88	<=38.45	Pass	
			13	22.29	-3.30	16.84	<=38.45	Pass	
			24	22.30	-3.30	16.85	<=38.45	Pass	
		12	0	21.60	-3.30	16.15	<=38.45	Pass	
			6	21.47	-3.30	16.02	<=38.45	Pass	
			13	21.57	-3.30	16.12	<=38.45	Pass	
		25	0	21.36	-3.30	15.91	<=38.45	Pass	
		836.5	1	0	22.63	-3.30	17.18	<=38.45	Pass
				13	22.68	-3.30	17.23	<=38.45	Pass
	24			22.47	-3.30	17.02	<=38.45	Pass	
	12		0	21.60	-3.30	16.15	<=38.45	Pass	
			6	21.42	-3.30	15.97	<=38.45	Pass	
			13	21.46	-3.30	16.01	<=38.45	Pass	
	25		0	21.50	-3.30	16.05	<=38.45	Pass	
	846.5		1	0	22.21	-3.30	16.76	<=38.45	Pass
				13	22.34	-3.30	16.89	<=38.45	Pass
		24		22.41	-3.30	16.96	<=38.45	Pass	
		12	0	21.46	-3.30	16.01	<=38.45	Pass	
			6	21.43	-3.30	15.98	<=38.45	Pass	
			13	21.42	-3.30	15.97	<=38.45	Pass	
		25	0	21.49	-3.30	16.04	<=38.45	Pass	
256QAM		826.5	1	0	19.69	-3.30	14.24	<=38.45	Pass
				13	19.70	-3.30	14.25	<=38.45	Pass
	24			19.65	-3.30	14.20	<=38.45	Pass	
	12		0	19.56	-3.30	14.11	<=38.45	Pass	
			6	19.48	-3.30	14.03	<=38.45	Pass	
			13	19.47	-3.30	14.02	<=38.45	Pass	
	25		0	19.46	-3.30	14.01	<=38.45	Pass	
	836.5		1	0	19.66	-3.30	14.21	<=38.45	Pass
				13	19.33	-3.30	13.88	<=38.45	Pass
		24		19.54	-3.30	14.09	<=38.45	Pass	
		12	0	19.48	-3.30	14.03	<=38.45	Pass	
			6	19.40	-3.30	13.95	<=38.45	Pass	
			13	19.46	-3.30	14.01	<=38.45	Pass	
		25	0	19.47	-3.30	14.02	<=38.45	Pass	
		846.5	1	0	19.57	-3.30	14.12	<=38.45	Pass
				13	19.48	-3.30	14.03	<=38.45	Pass
	24			19.53	-3.30	14.08	<=38.45	Pass	
	12		0	19.50	-3.30	14.05	<=38.45	Pass	
			6	19.45	-3.30	14.00	<=38.45	Pass	
			13	19.44	-3.30	13.99	<=38.45	Pass	
	25		0	19.51	-3.30	14.06	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.46	-3.30	19.01	<=38.45	Pass
			25	24.40	-3.30	18.95	<=38.45	Pass
			49	24.55	-3.30	19.10	<=38.45	Pass
		25	0	23.44	-3.30	17.99	<=38.45	Pass
			13	23.37	-3.30	17.92	<=38.45	Pass

			25	23.49	-3.30	18.04	<=38.45	Pass
		50	0	23.42	-3.30	17.97	<=38.45	Pass
	836.5	1	0	24.41	-3.30	18.96	<=38.45	Pass
			25	24.49	-3.30	19.04	<=38.45	Pass
			49	24.51	-3.30	19.06	<=38.45	Pass
		25	0	23.48	-3.30	18.03	<=38.45	Pass
			13	23.35	-3.30	17.90	<=38.45	Pass
			25	23.28	-3.30	17.83	<=38.45	Pass
		50	0	23.37	-3.30	17.92	<=38.45	Pass
	844	1	0	24.51	-3.30	19.06	<=38.45	Pass
			25	24.30	-3.30	18.85	<=38.45	Pass
			49	24.60	-3.30	19.15	<=38.45	Pass
		25	0	23.37	-3.30	17.92	<=38.45	Pass
			13	23.26	-3.30	17.81	<=38.45	Pass
			25	23.37	-3.30	17.92	<=38.45	Pass
		50	0	23.37	-3.30	17.92	<=38.45	Pass
16QAM	829	1	0	23.83	-3.30	18.38	<=38.45	Pass
			25	23.38	-3.30	17.93	<=38.45	Pass
			49	23.80	-3.30	18.35	<=38.45	Pass
		25	0	22.49	-3.30	17.04	<=38.45	Pass
			13	22.30	-3.30	16.85	<=38.45	Pass
			25	22.42	-3.30	16.97	<=38.45	Pass
		50	0	22.40	-3.30	16.95	<=38.45	Pass
	836.5	1	0	23.78	-3.30	18.33	<=38.45	Pass
			25	23.70	-3.30	18.25	<=38.45	Pass
			49	23.69	-3.30	18.24	<=38.45	Pass
		25	0	22.55	-3.30	17.10	<=38.45	Pass
			13	22.38	-3.30	16.93	<=38.45	Pass
			25	22.27	-3.30	16.82	<=38.45	Pass
		50	0	22.34	-3.30	16.89	<=38.45	Pass
	844	1	0	23.64	-3.30	18.19	<=38.45	Pass
			25	23.28	-3.30	17.83	<=38.45	Pass
			49	23.60	-3.30	18.15	<=38.45	Pass
		25	0	22.39	-3.30	16.94	<=38.45	Pass
			13	22.30	-3.30	16.85	<=38.45	Pass
			25	22.36	-3.30	16.91	<=38.45	Pass
		50	0	22.45	-3.30	17.00	<=38.45	Pass
64QAM	829	1	0	22.66	-3.30	17.21	<=38.45	Pass
			25	21.96	-3.30	16.51	<=38.45	Pass
			49	22.47	-3.30	17.02	<=38.45	Pass
		25	0	21.57	-3.30	16.12	<=38.45	Pass
			13	21.55	-3.30	16.10	<=38.45	Pass
			25	21.63	-3.30	16.18	<=38.45	Pass
		50	0	21.54	-3.30	16.09	<=38.45	Pass
	836.5	1	0	22.69	-3.30	17.24	<=38.45	Pass
			25	21.96	-3.30	16.51	<=38.45	Pass
			49	21.77	-3.30	16.32	<=38.45	Pass
		25	0	21.58	-3.30	16.13	<=38.45	Pass
			13	21.41	-3.30	15.96	<=38.45	Pass
			25	21.39	-3.30	15.94	<=38.45	Pass
		50	0	21.50	-3.30	16.05	<=38.45	Pass
	844	1	0	22.55	-3.30	17.10	<=38.45	Pass
			25	22.04	-3.30	16.59	<=38.45	Pass
			49	22.55	-3.30	17.10	<=38.45	Pass
		25	0	21.46	-3.30	16.01	<=38.45	Pass
			13	21.46	-3.30	16.01	<=38.45	Pass
			25	21.49	-3.30	16.04	<=38.45	Pass
		50	0	21.53	-3.30	16.08	<=38.45	Pass
256QAM	829	1	0	19.58	-3.30	14.13	<=38.45	Pass

			25	19.59	-3.30	14.14	<=38.45	Pass
			49	19.65	-3.30	14.20	<=38.45	Pass
			0	19.50	-3.30	14.05	<=38.45	Pass
		25	13	19.49	-3.30	14.04	<=38.45	Pass
			25	19.62	-3.30	14.17	<=38.45	Pass
			50	19.51	-3.30	14.06	<=38.45	Pass
	836.5	1	0	19.51	-3.30	14.06	<=38.45	Pass
			25	19.48	-3.30	14.03	<=38.45	Pass
			49	19.61	-3.30	14.16	<=38.45	Pass
		25	0	19.51	-3.30	14.06	<=38.45	Pass
			13	19.47	-3.30	14.02	<=38.45	Pass
			25	19.34	-3.30	13.89	<=38.45	Pass
		50	0	19.58	-3.30	14.13	<=38.45	Pass
	844	1	0	19.66	-3.30	14.21	<=38.45	Pass
			25	19.55	-3.30	14.10	<=38.45	Pass
			49	19.60	-3.30	14.15	<=38.45	Pass
		25	0	19.53	-3.30	14.08	<=38.45	Pass
			13	19.53	-3.30	14.08	<=38.45	Pass
			25	19.50	-3.30	14.05	<=38.45	Pass
		50	0	19.49	-3.30	14.04	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	LV	-3.505	-0.0042	-2.5 to 2.5	Pass
					NV	-3.304	-0.0039	-2.5 to 2.5	Pass
					HV	-4.220	-0.0050	-2.5 to 2.5	Pass
				-30	NV	-4.735	-0.0057	-2.5 to 2.5	Pass
				-20	NV	-3.190	-0.0038	-2.5 to 2.5	Pass
				-10	NV	-3.948	-0.0047	-2.5 to 2.5	Pass
				0	NV	-2.174	-0.0026	-2.5 to 2.5	Pass
				10	NV	-3.147	-0.0038	-2.5 to 2.5	Pass
				30	NV	-4.363	-0.0052	-2.5 to 2.5	Pass
				40	NV	-1.473	-0.0018	-2.5 to 2.5	Pass
50	NV	-1.602	-0.0019	-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

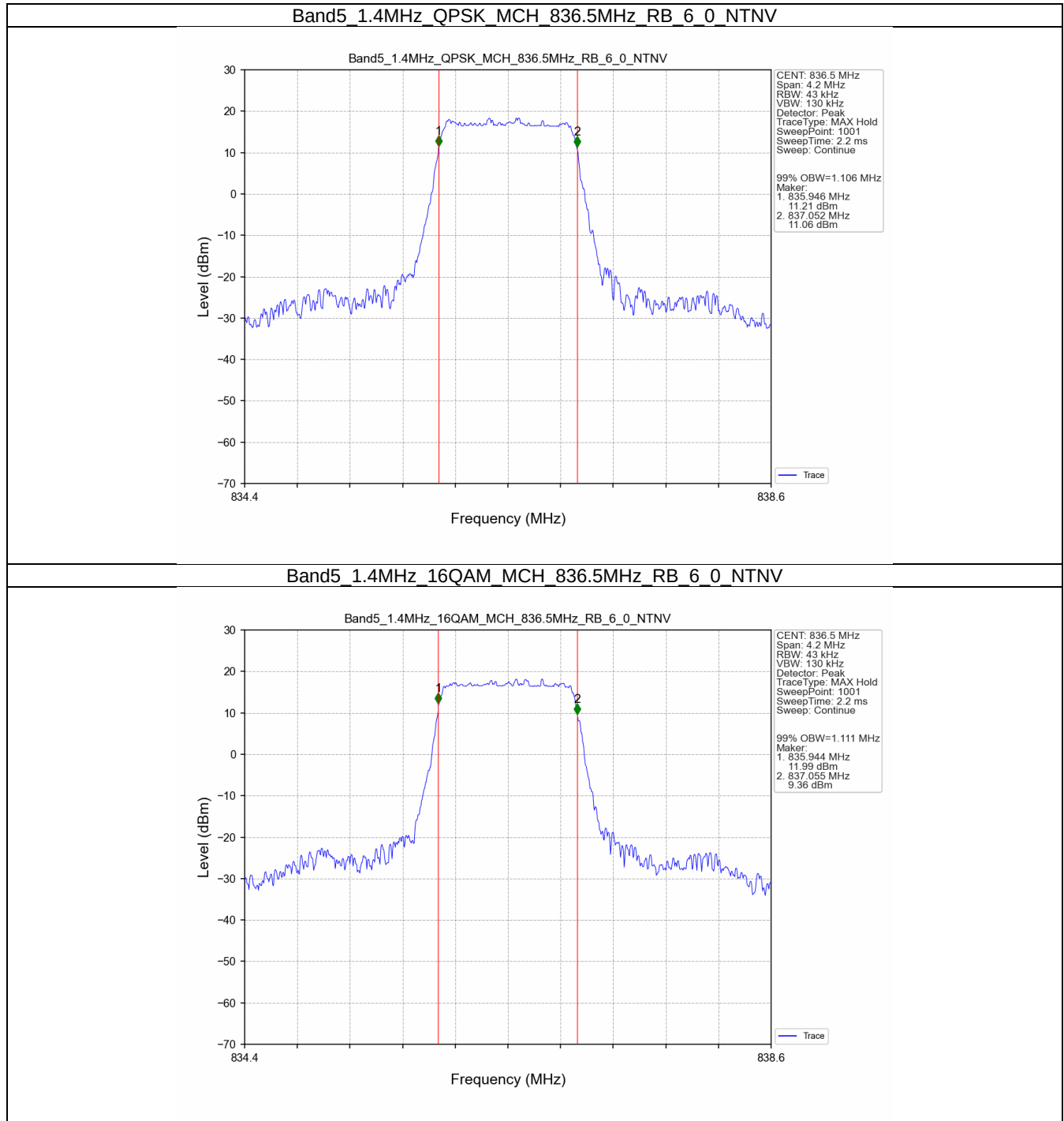
	16QAM	836.5	6	0	1.111	/	Pass
3	QPSK	836.5	15	0	2.748	/	Pass
	16QAM	836.5	15	0	2.728	/	Pass
5	QPSK	836.5	25	0	4.537	/	Pass
	16QAM	836.5	25	0	4.555	/	Pass
10	QPSK	836.5	50	0	9.085	/	Pass
	16QAM	836.5	50	0	9.095	/	Pass

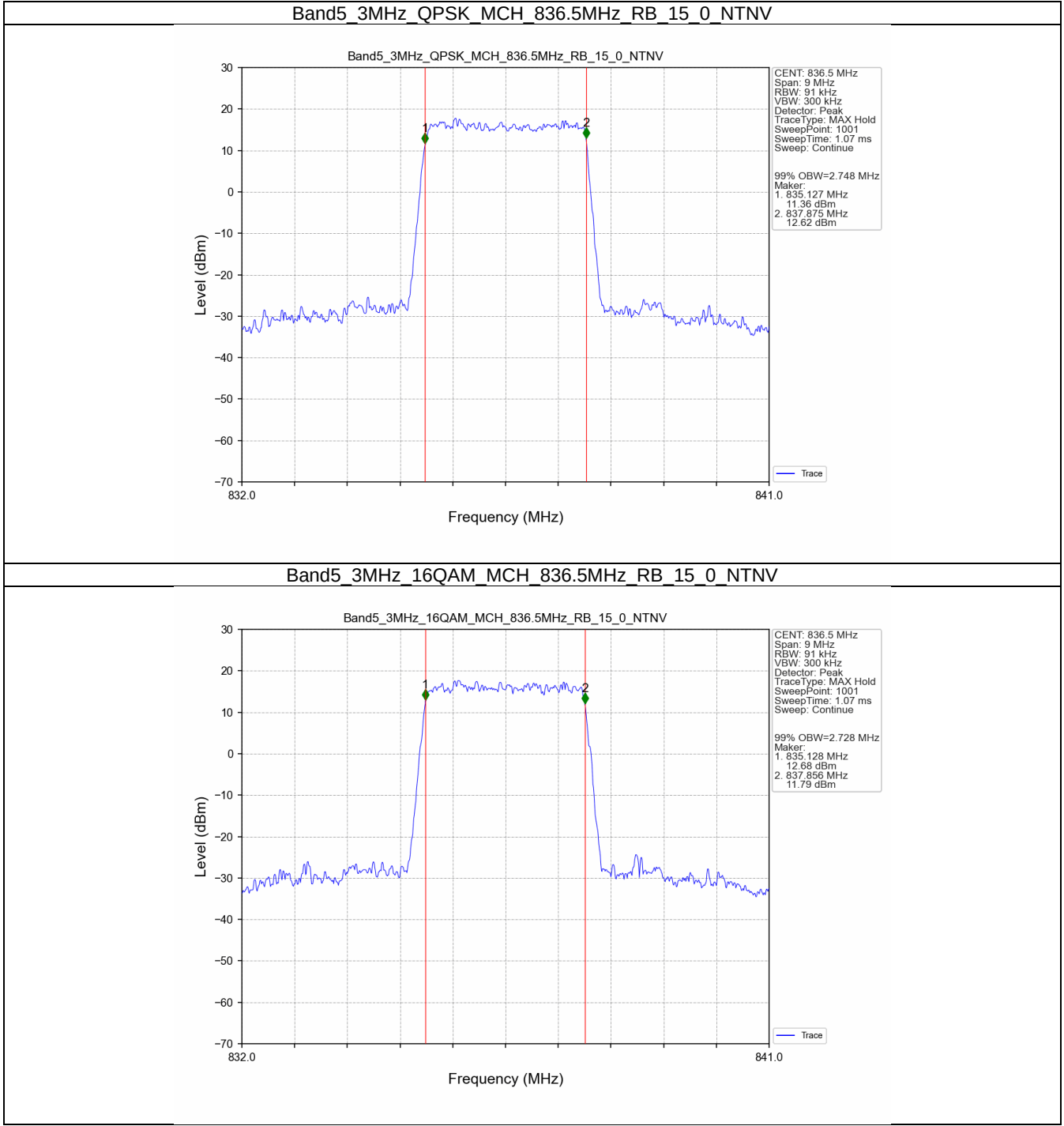
3.1.2 Band5_XDB

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	1.315	/	Pass
	16QAM	836.5	6	0	1.316	/	Pass
3	QPSK	836.5	15	0	3.026	/	Pass
	16QAM	836.5	15	0	3.021	/	Pass
5	QPSK	836.5	25	0	5.073	/	Pass
	16QAM	836.5	25	0	5.075	/	Pass
10	QPSK	836.5	50	0	10.034	/	Pass
	16QAM	836.5	50	0	9.934	/	Pass

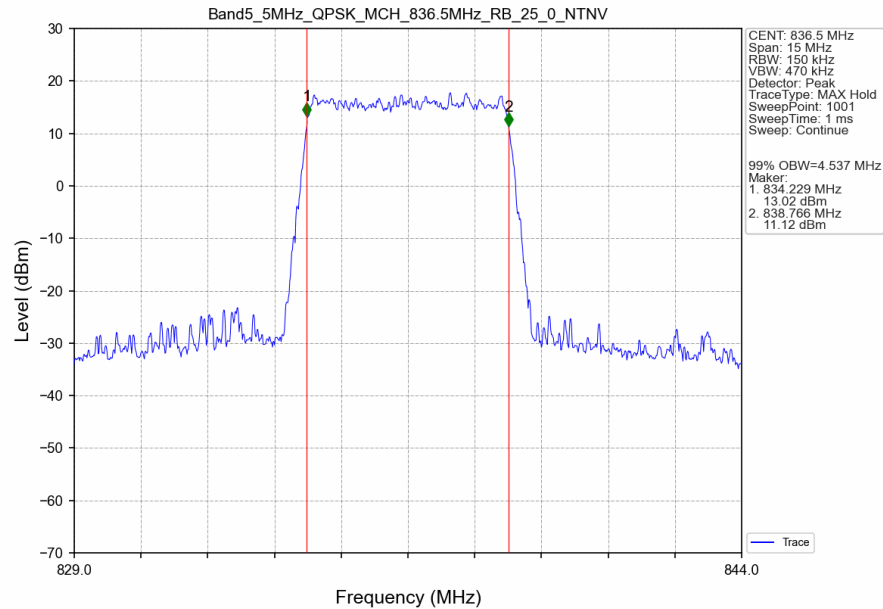
3.2 Test Graph

3.2.1 Band5_OBW

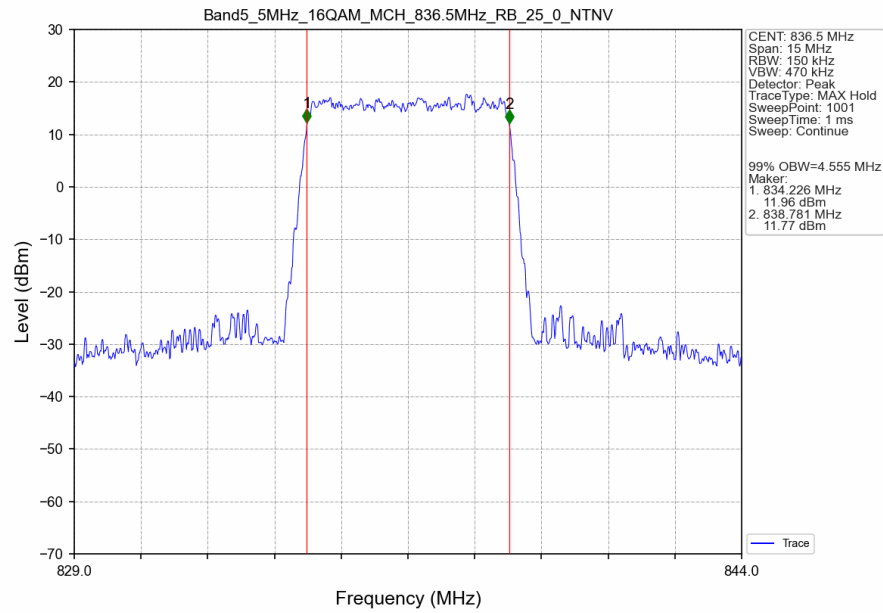




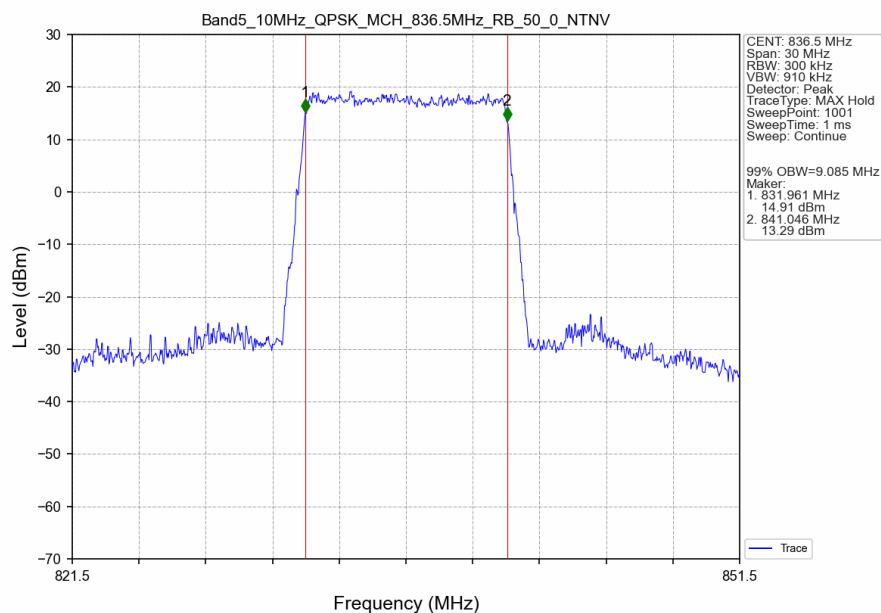
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



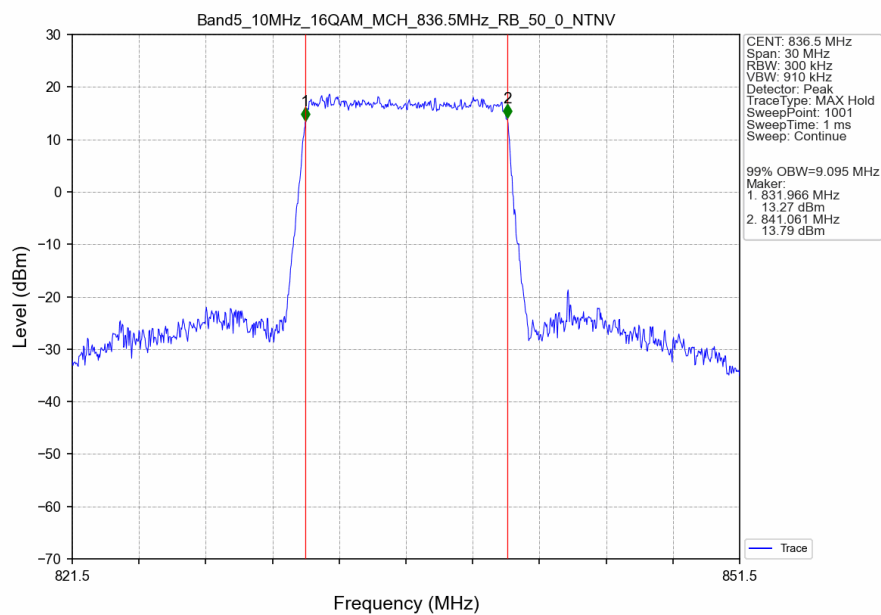
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



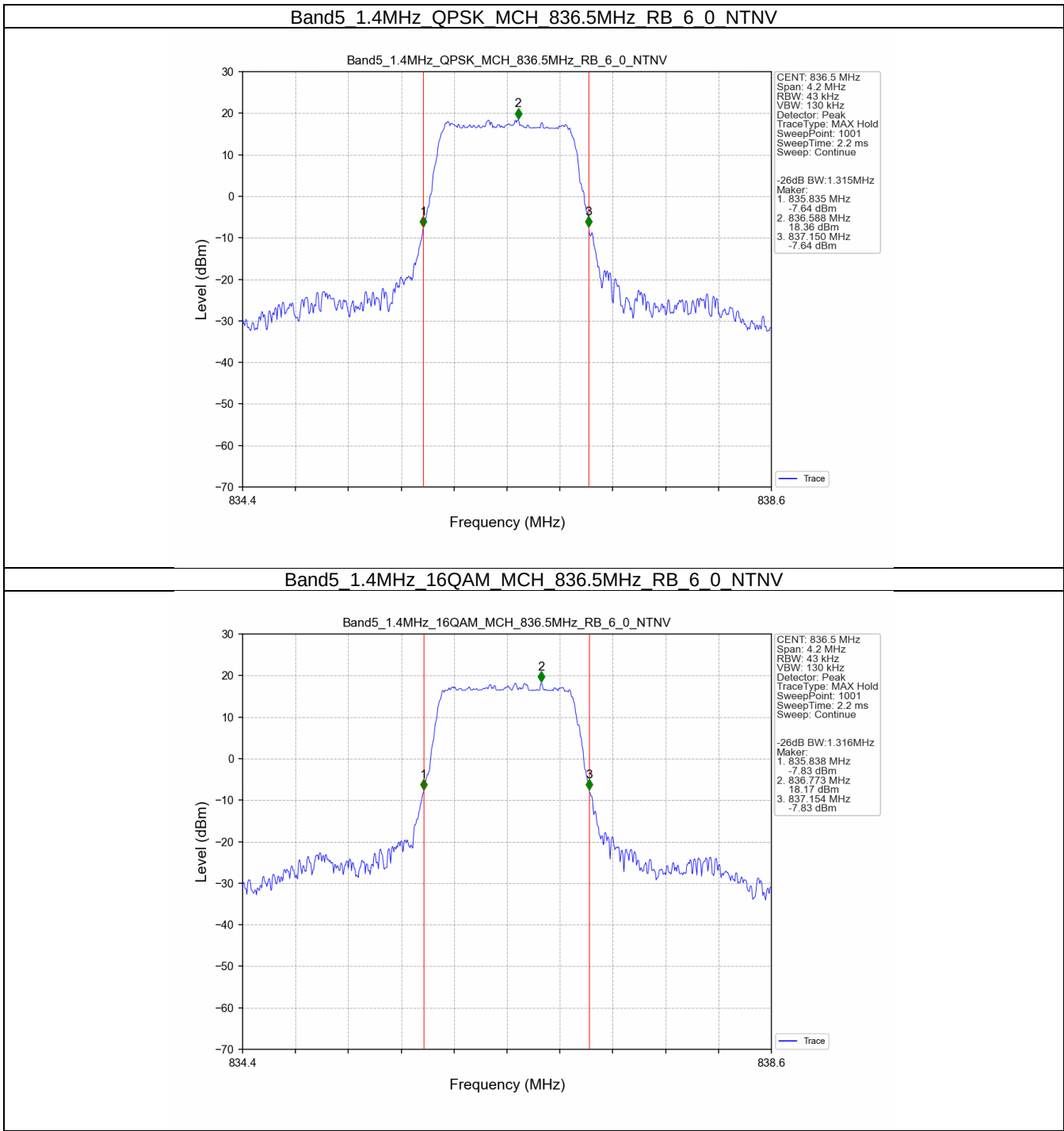
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

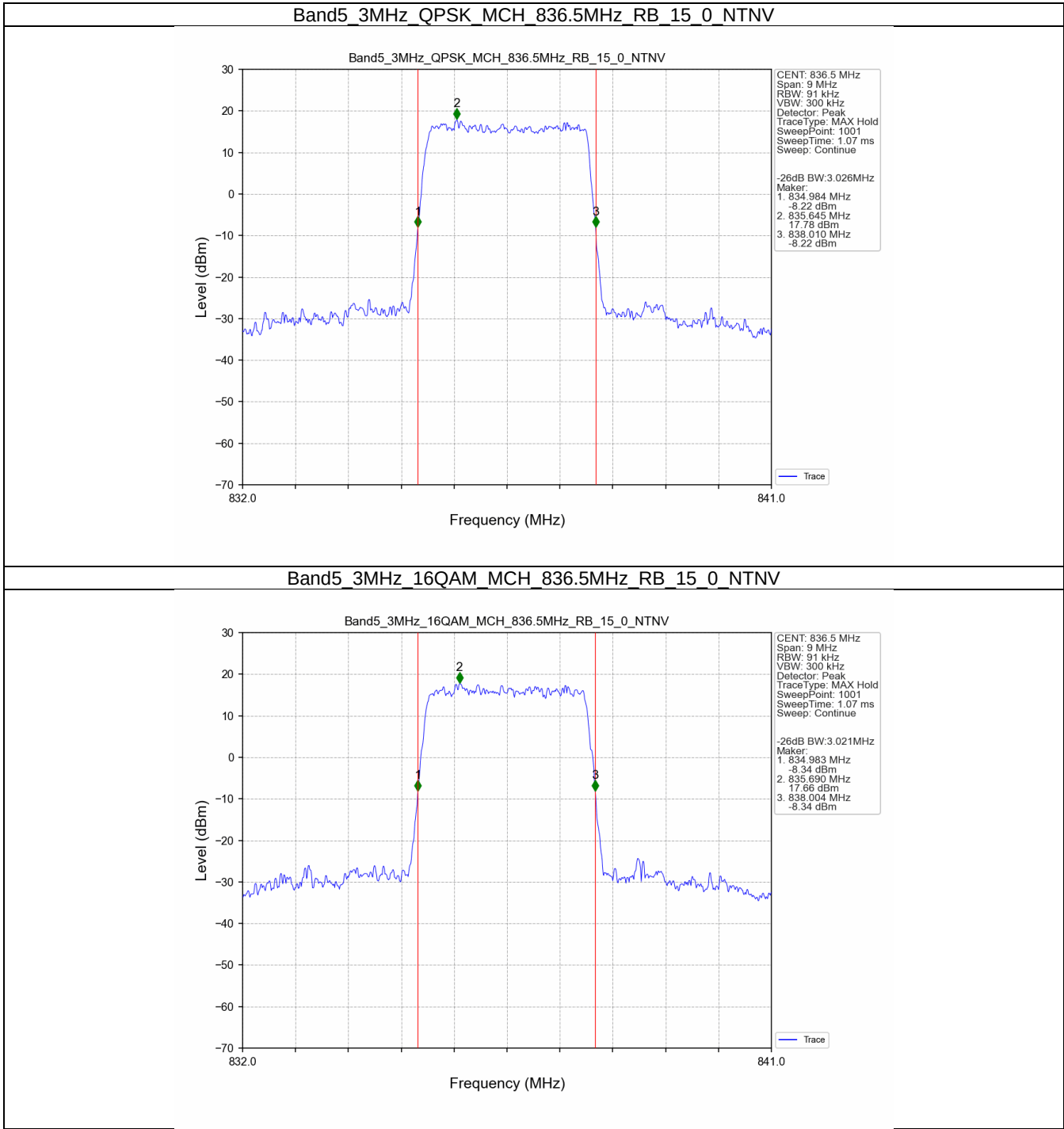


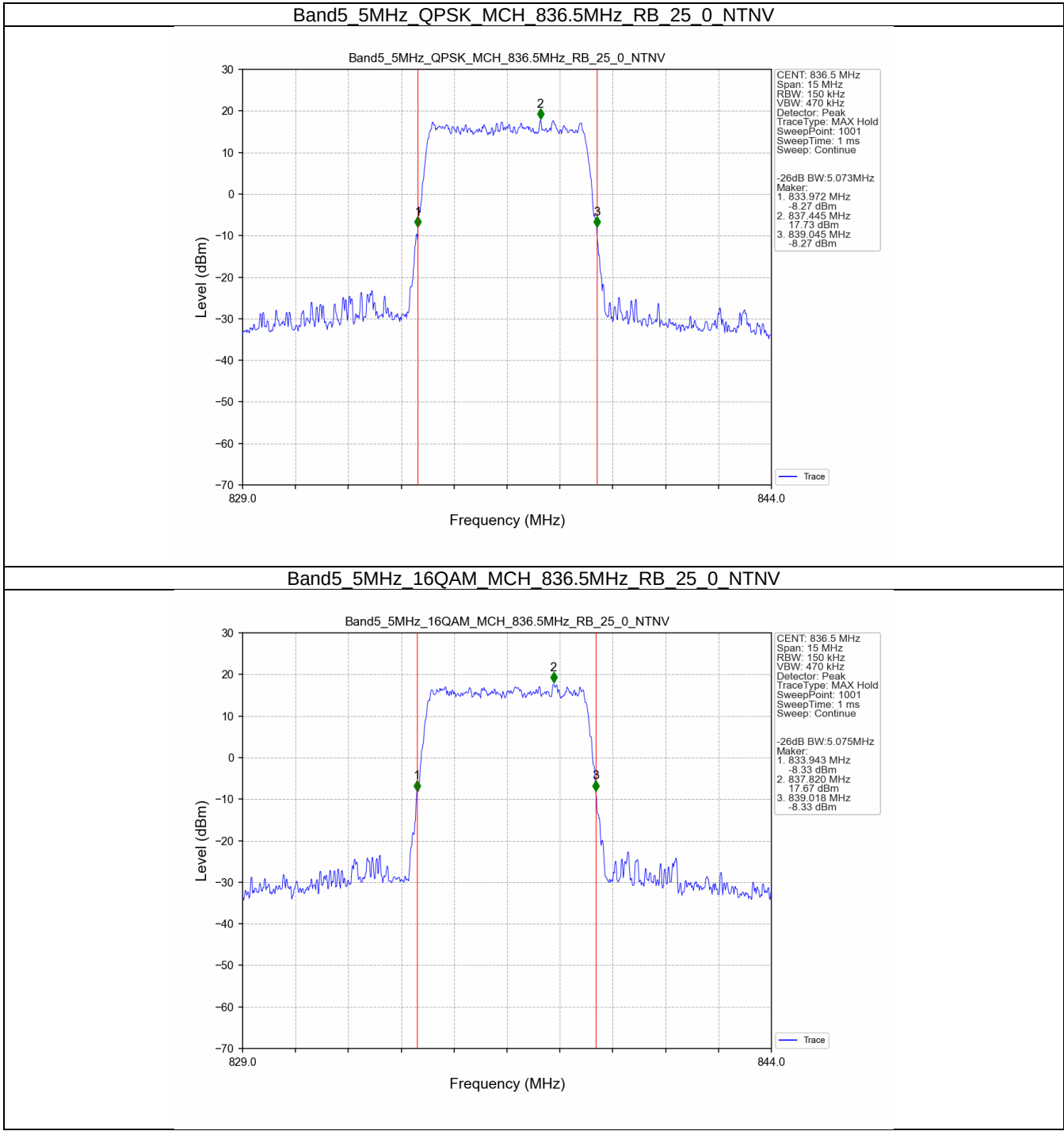
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



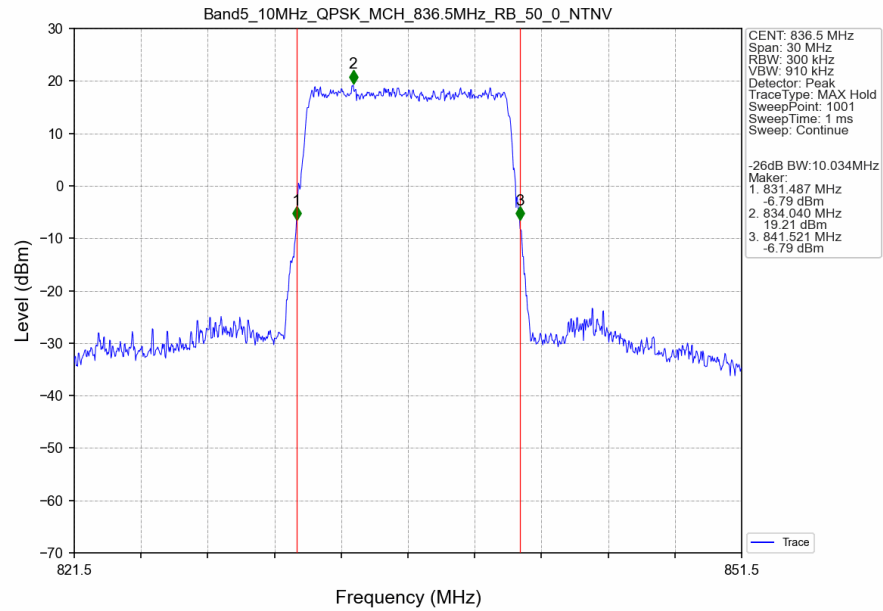
3.2.2 Band5_XDB



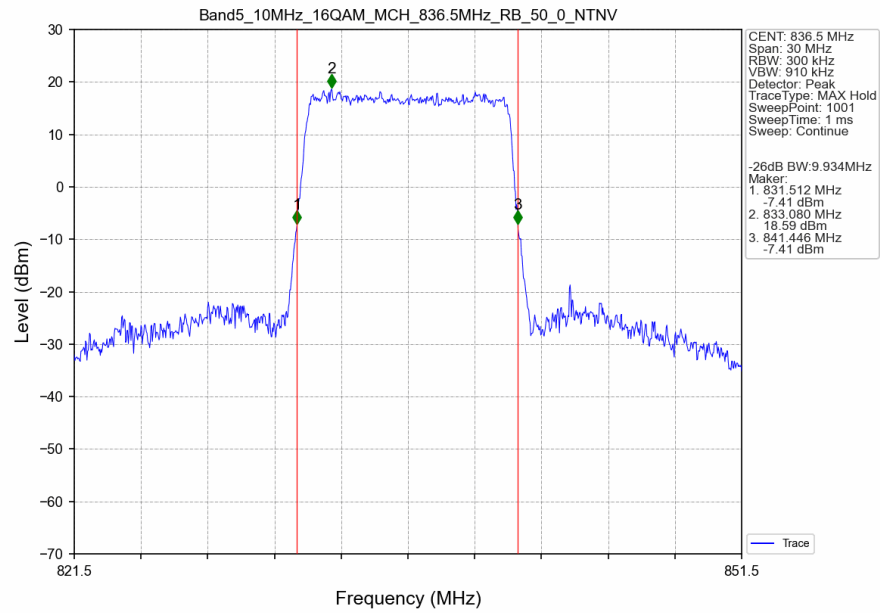




Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

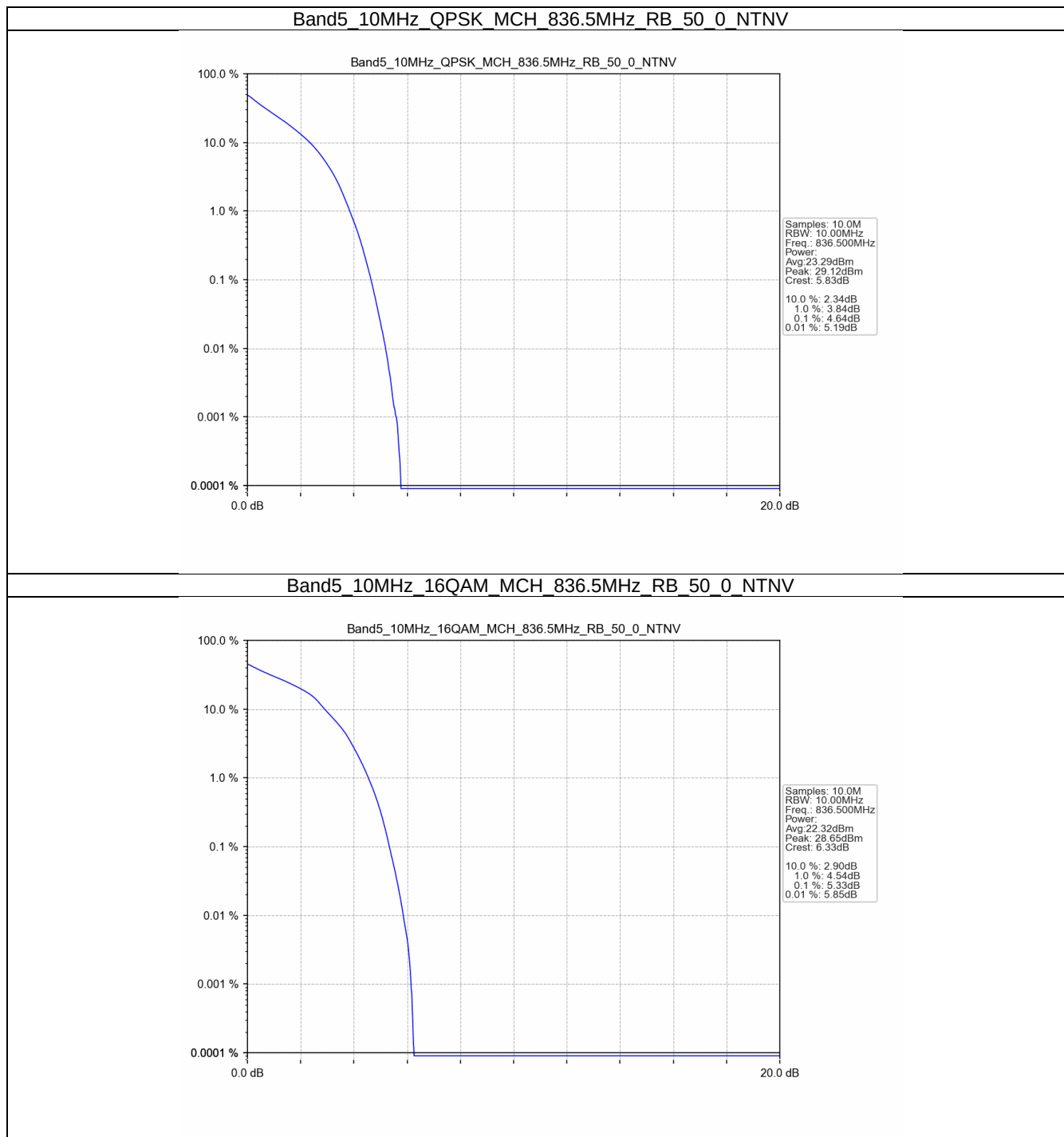
4.1 Test Result

4.1.1 B5_10MHz

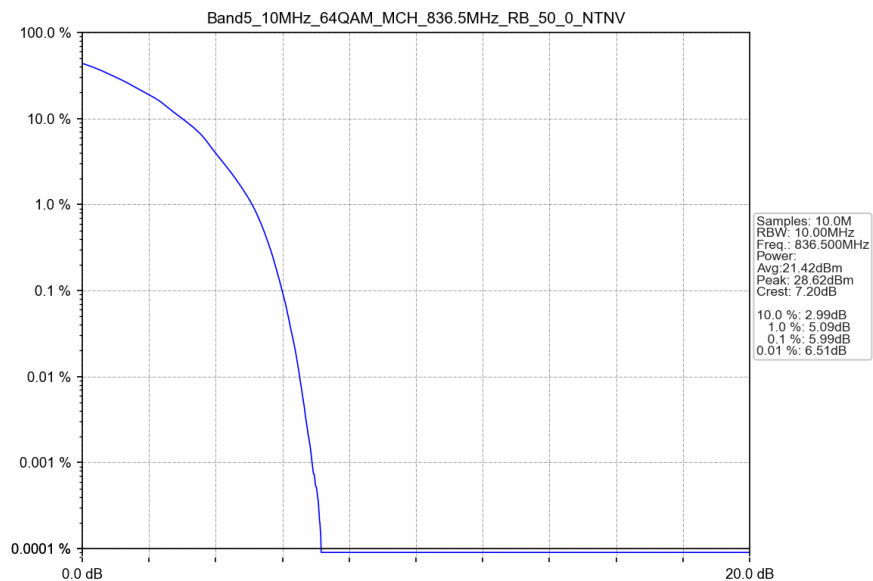
Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	4.64	<=13	Pass
16QAM	836.5	50	0	5.33	<=13	Pass
64QAM	836.5	50	0	5.99	<=13	Pass
256QAM	836.5	50	0	6.56	<=13	Pass

4.2 Test Graph

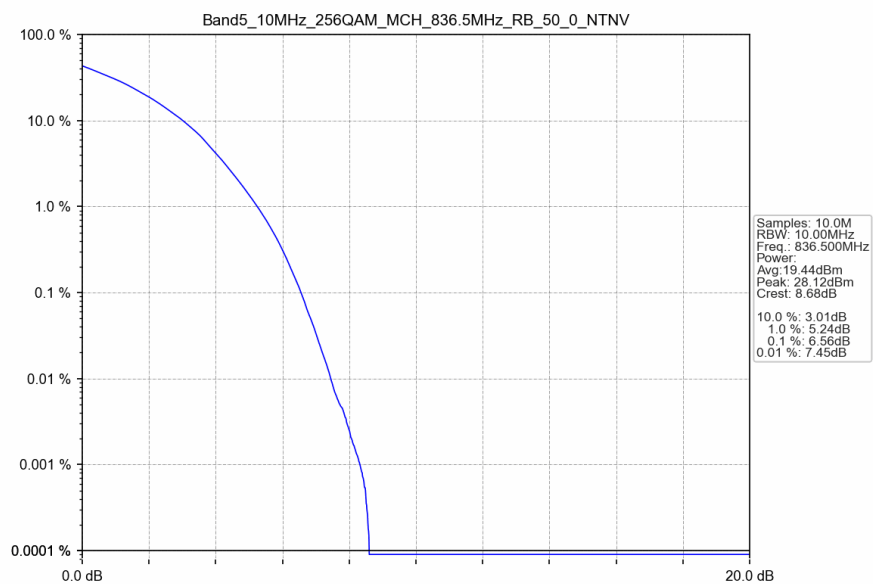
4.2.1 B5_10MHz



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

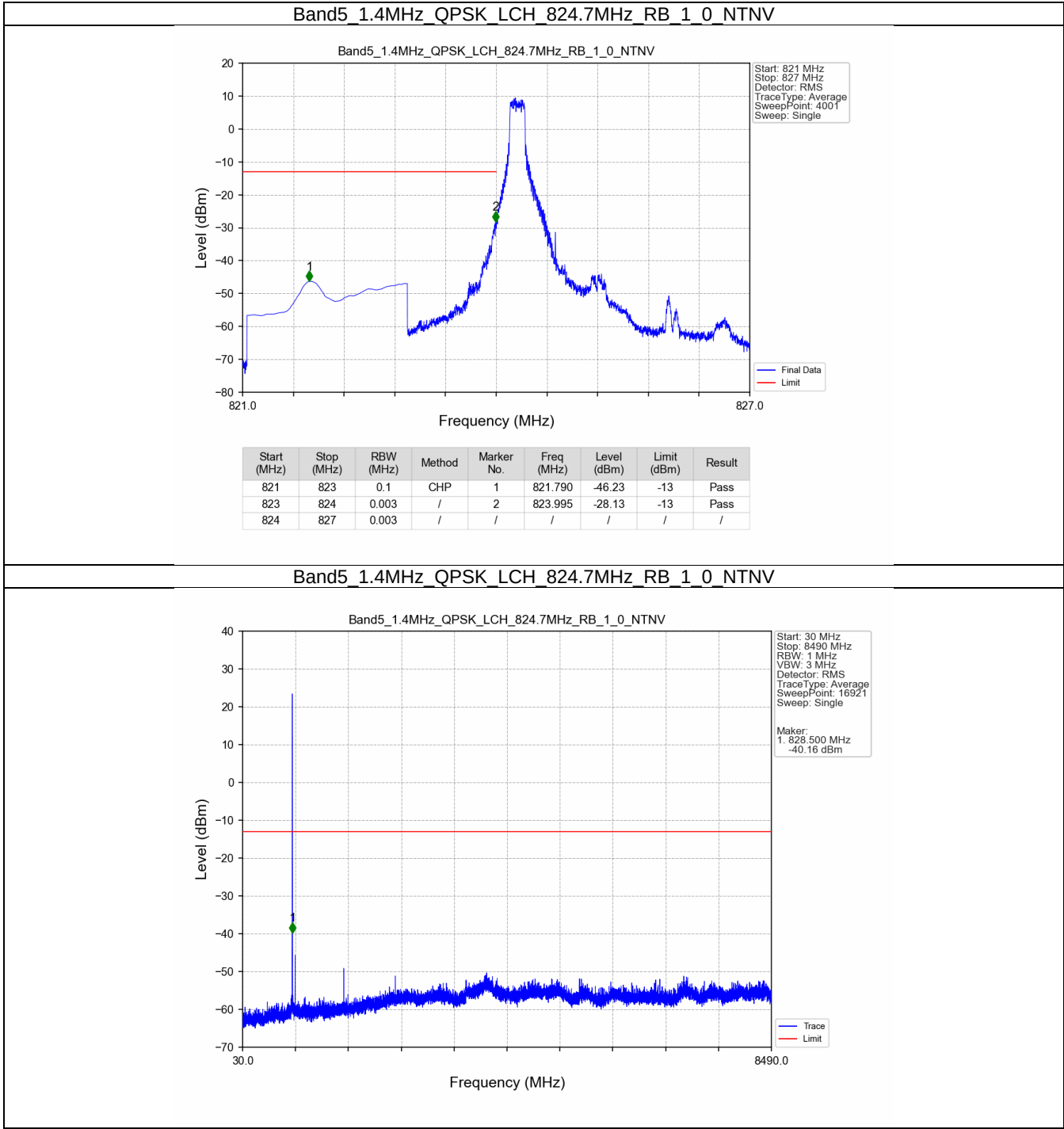
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

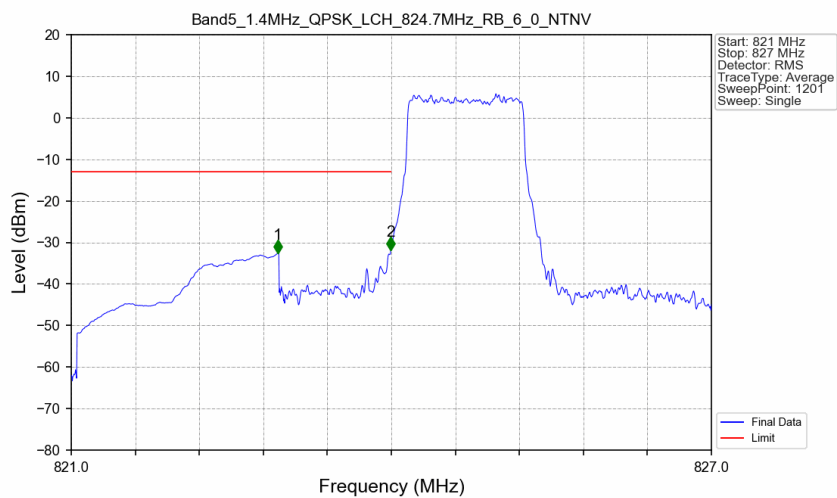
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B5_1.4MHz

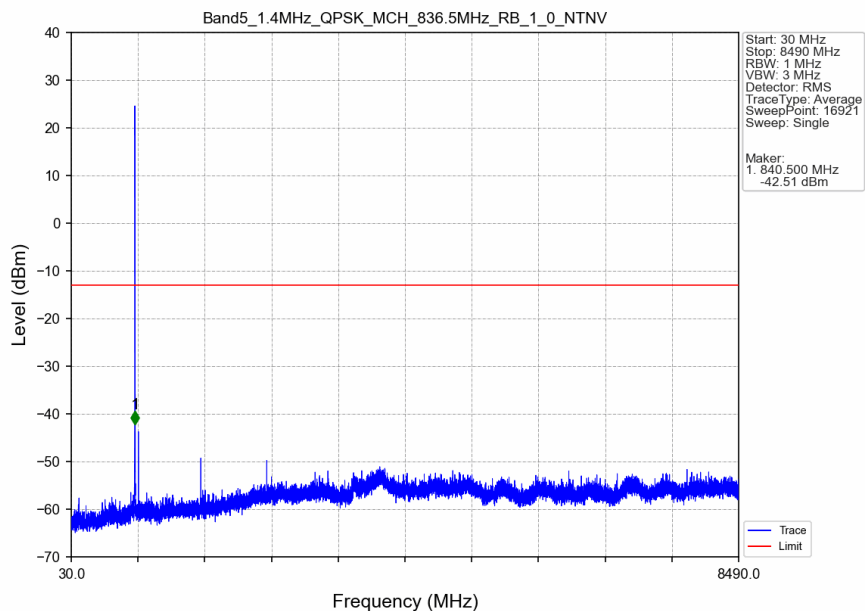


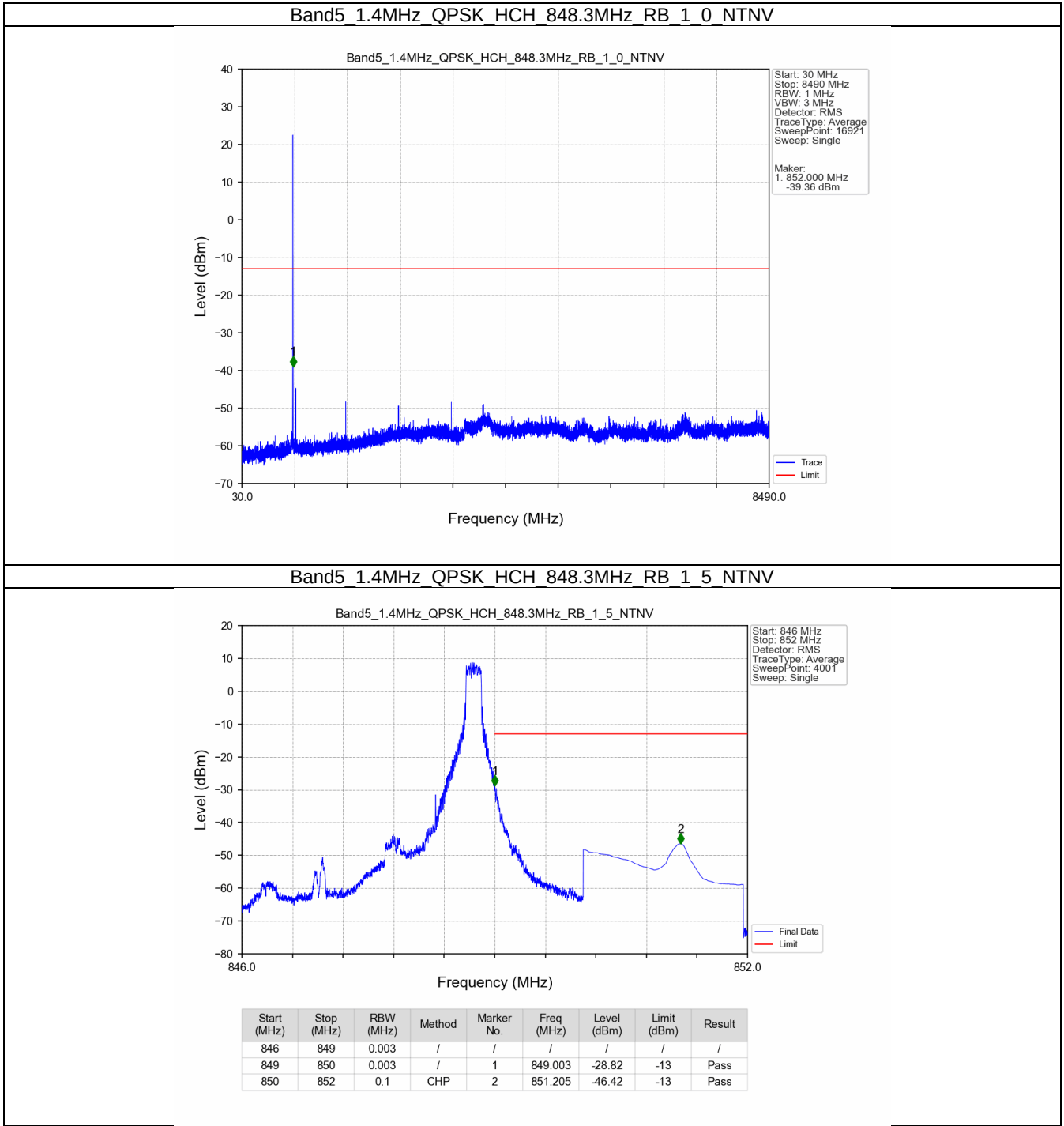
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



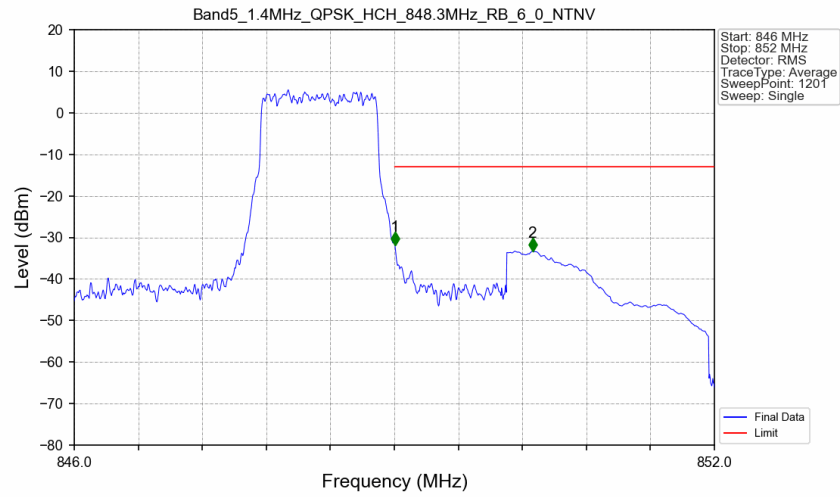
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.935	-32.63	-13	Pass
823	824	0.013	CHP	2	823.995	-31.90	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV





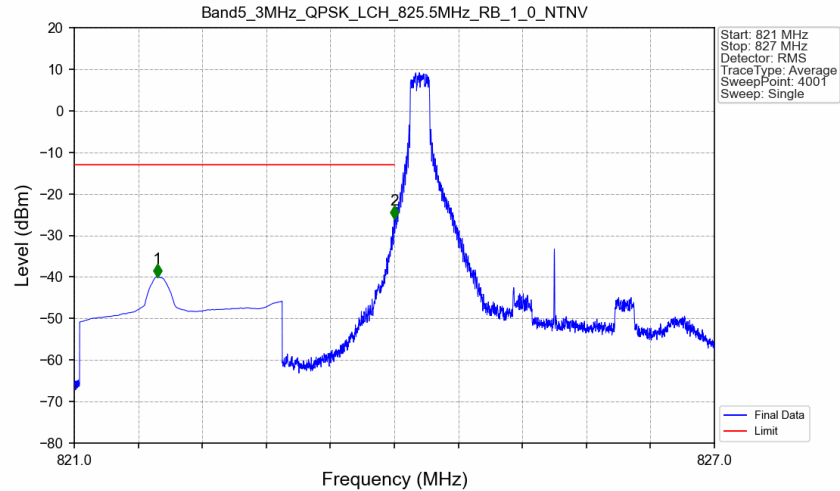
Band5 1.4MHz QPSK HCH 848.3MHz RB 6_0 NTNV



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	-31.80	-13	Pass
850	852	0.1	CHP	2	850.295	-33.31	-13	Pass

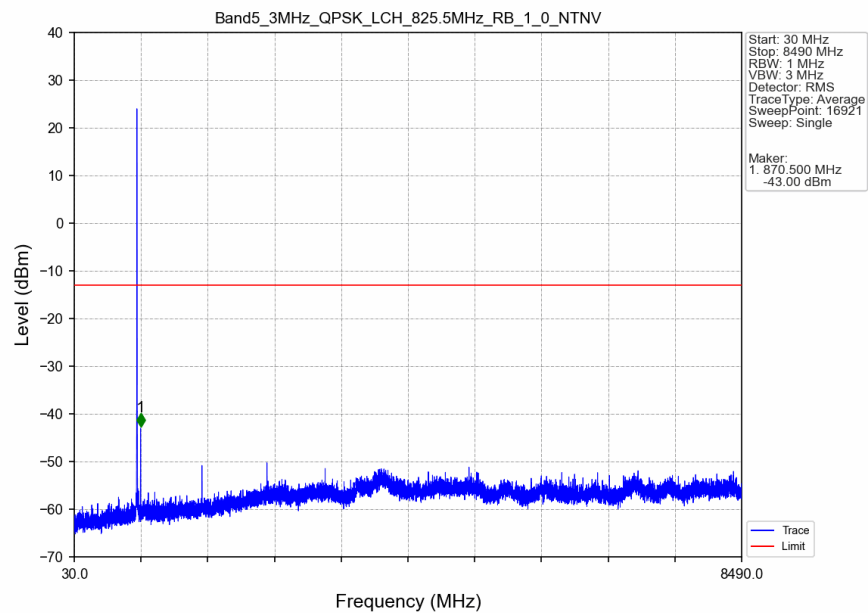
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

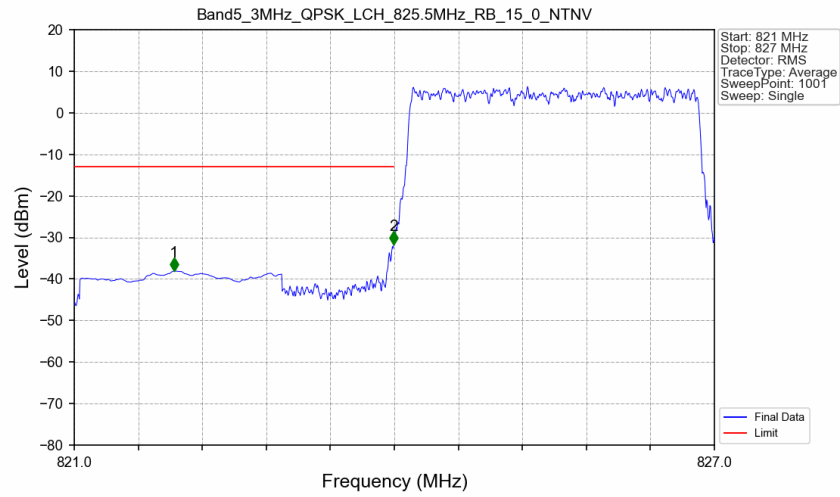


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	821.779	-39.97	-13	Pass
823	824	0.003	/	2	823.999	-26.09	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

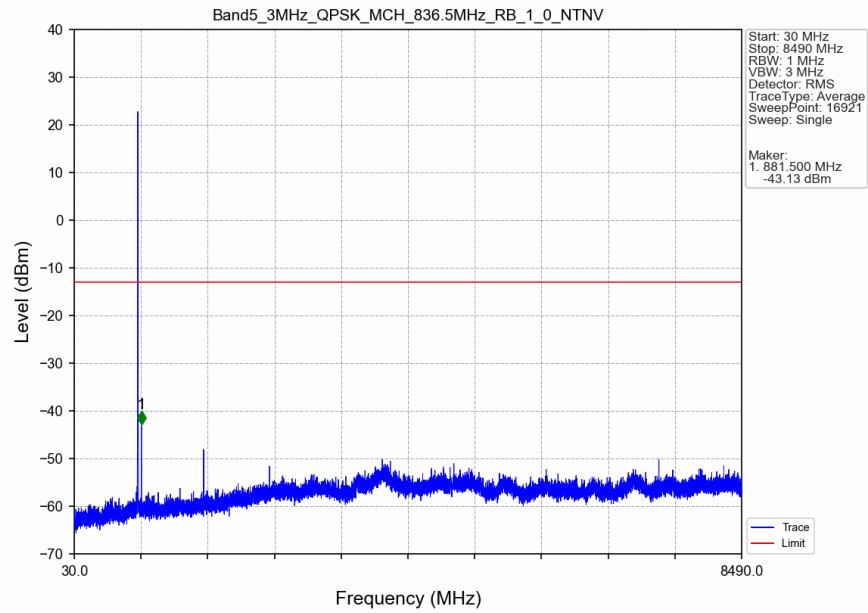


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

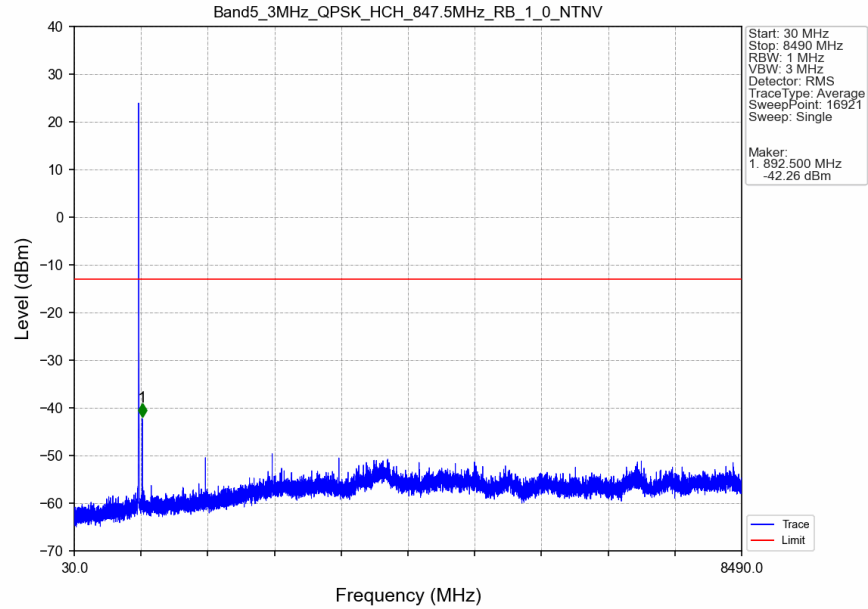


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	821.936	-38.12	-13	Pass
823	824	0.03	/	2	823.994	-31.74	-13	Pass
824	827	0.03	/	/	/	/	/	/

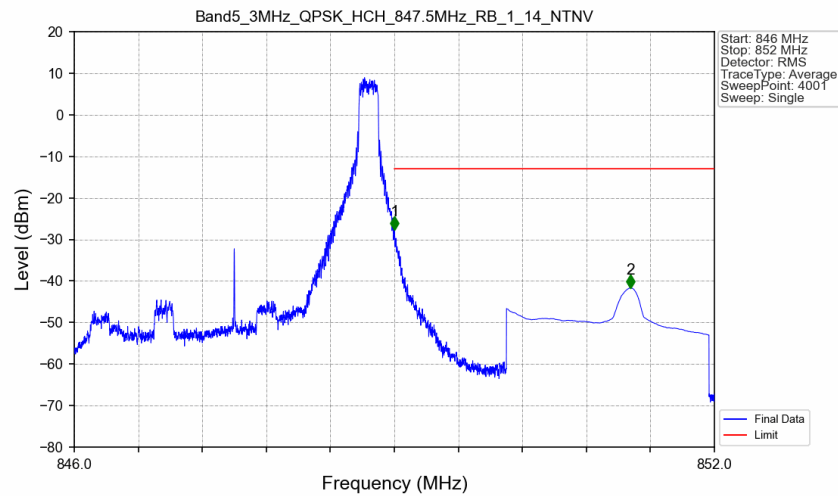
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

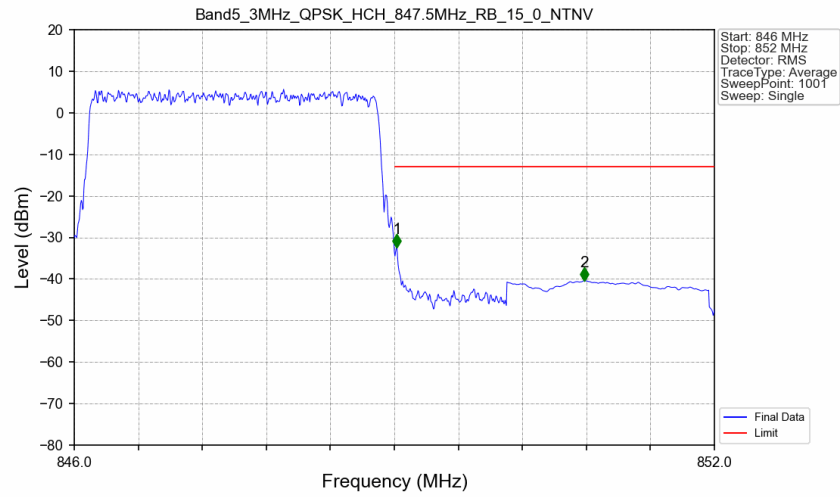


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



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	849.001	-27.61	-13	Pass
850	852	0.1	CHP	2	851.214	-41.61	-13	Pass

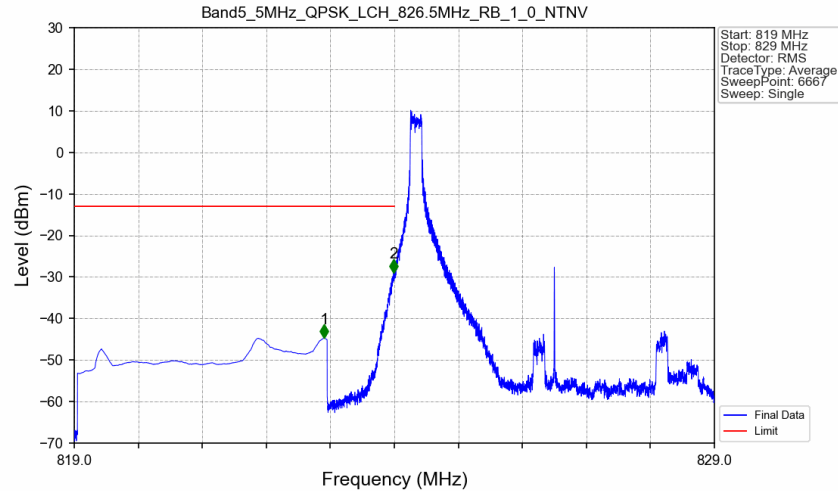
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



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	849.024	-32.42	-13	Pass
850	852	0.1	CHP	2	850.782	-40.40	-13	Pass

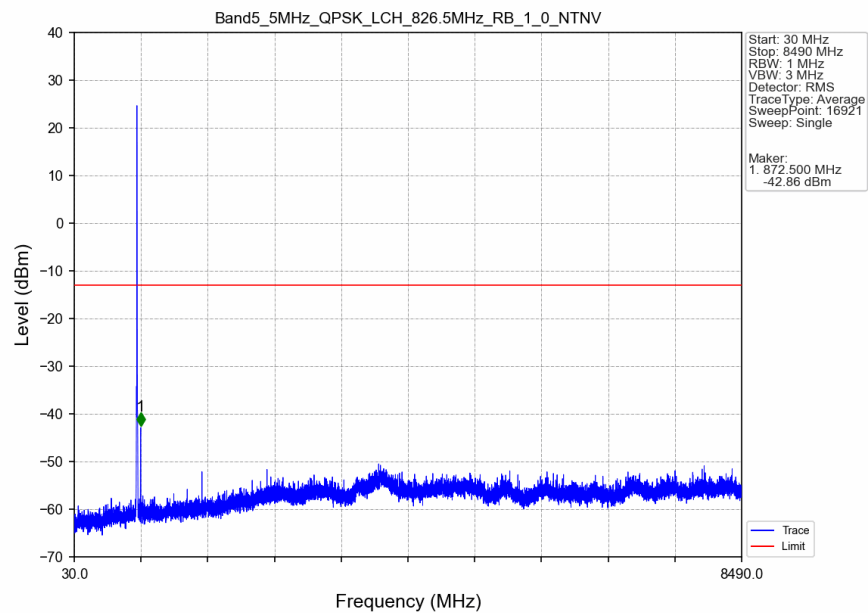
5.2.3 B5_5MHz

Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTV

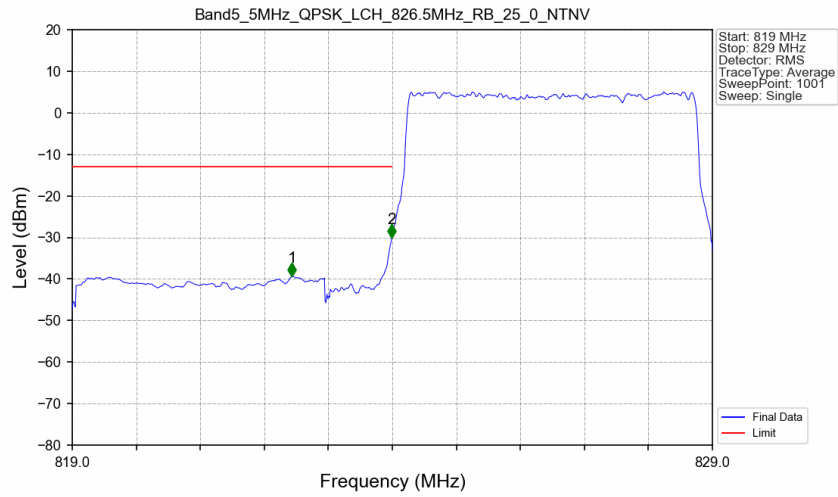


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.905	-44.66	-13	Pass
823	824	0.003	/	2	823.988	-28.87	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTV

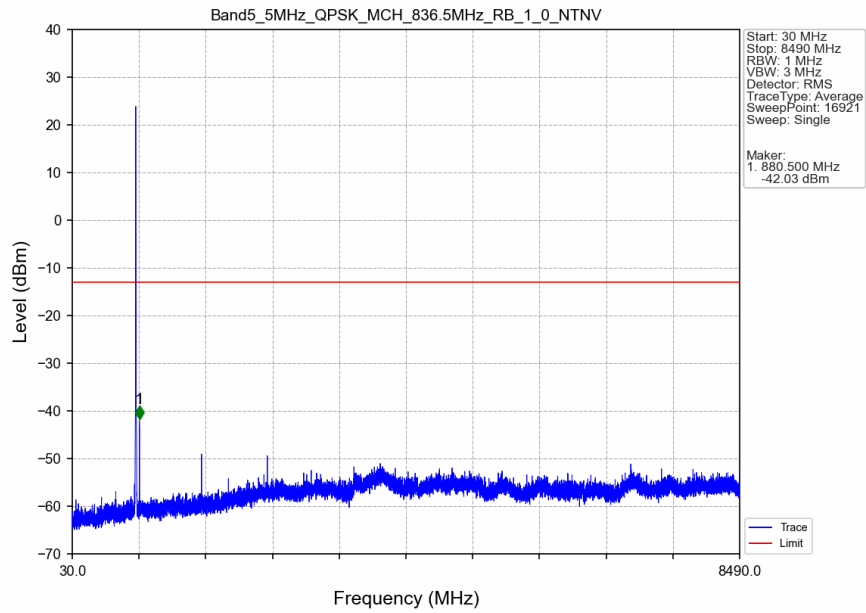


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

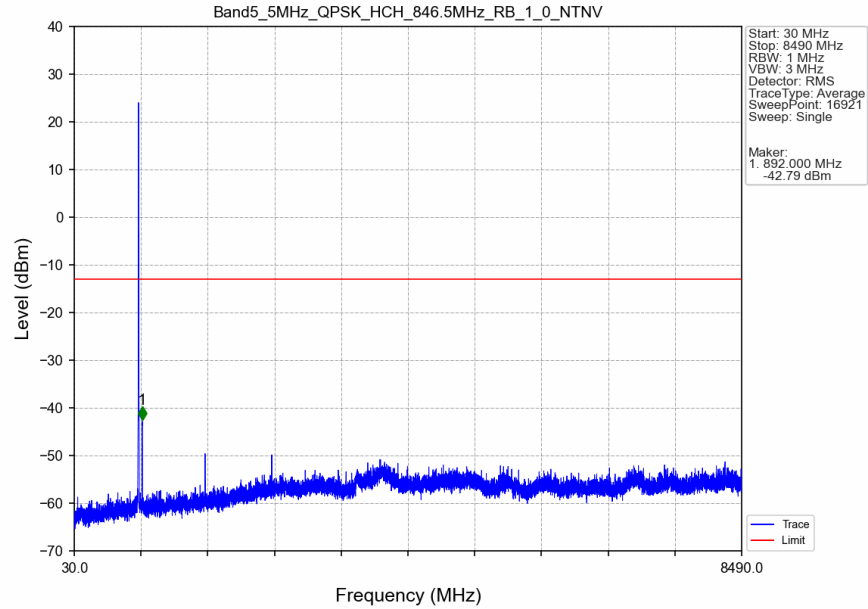


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.430	-39.38	-13	Pass
823	824	0.051	CHP	2	823.990	-30.00	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

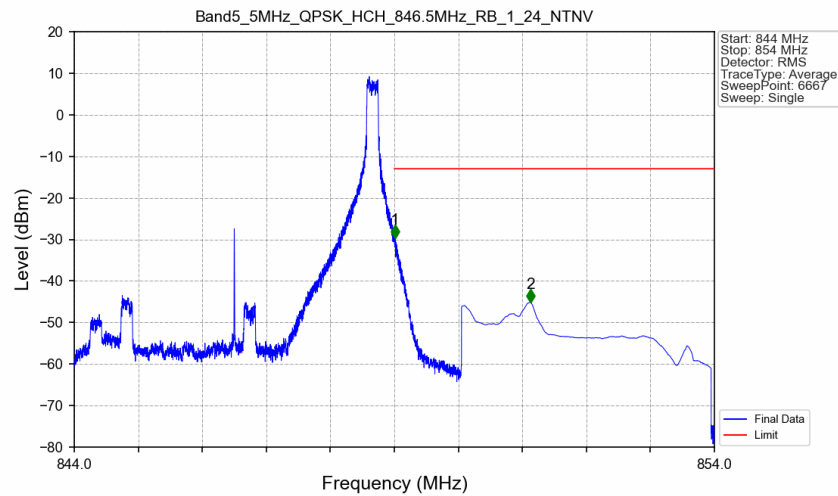
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

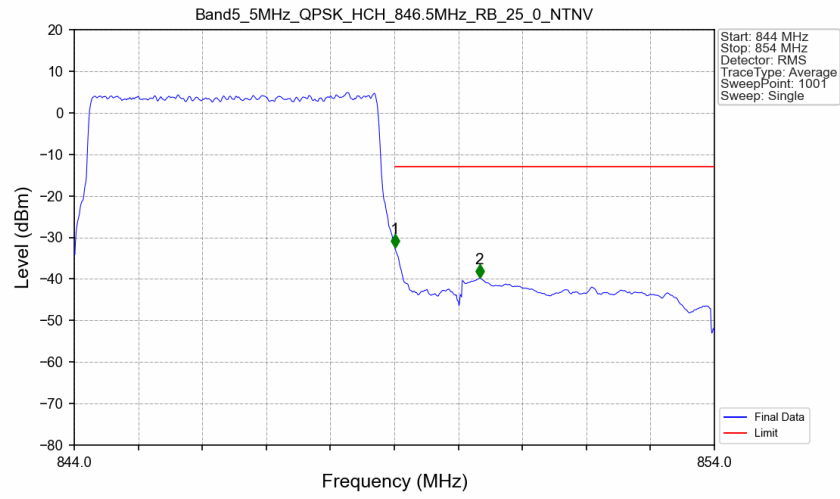


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



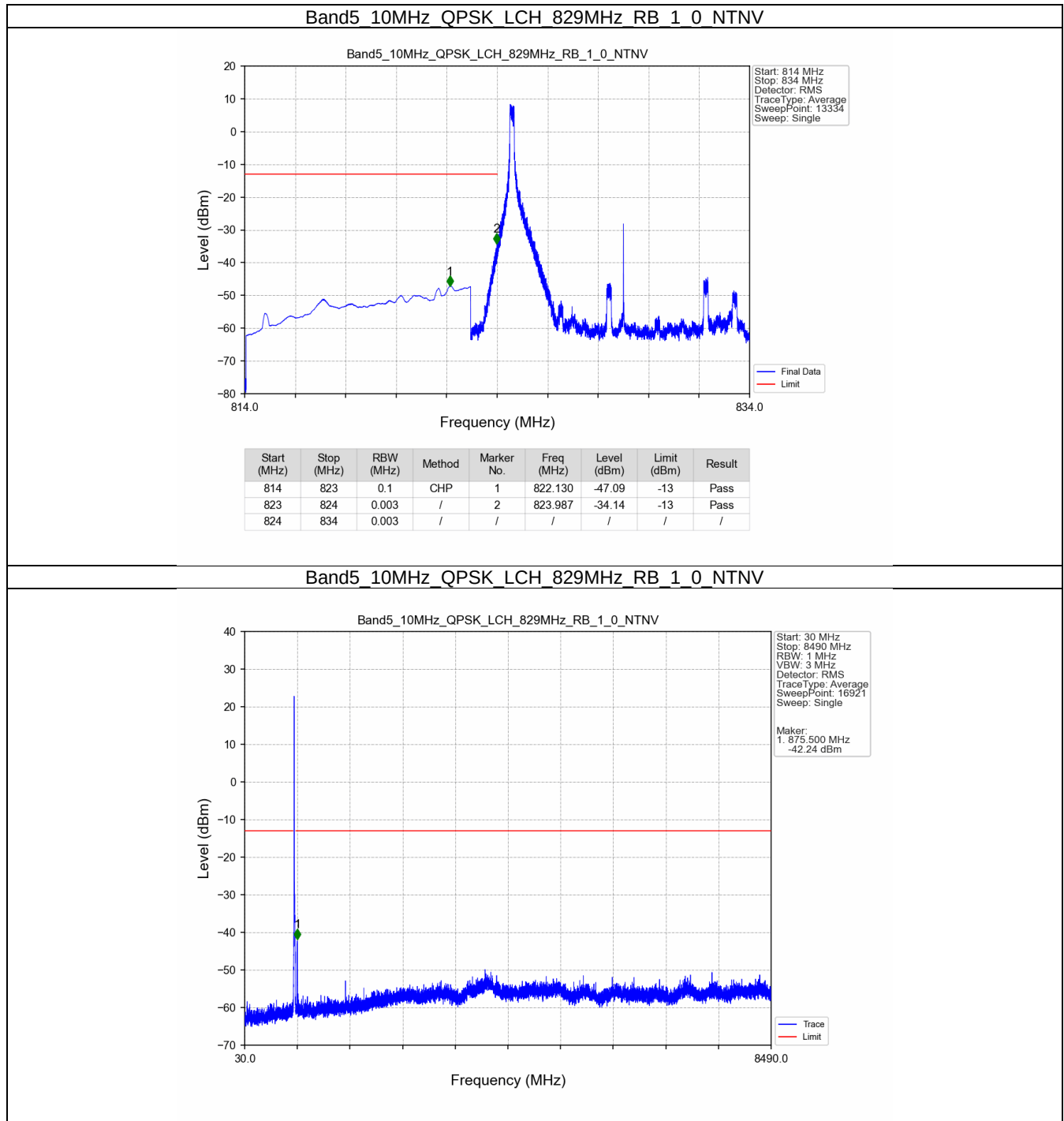
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-29.63	-13	Pass
850	854	0.1	CHP	2	851.124	-45.13	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

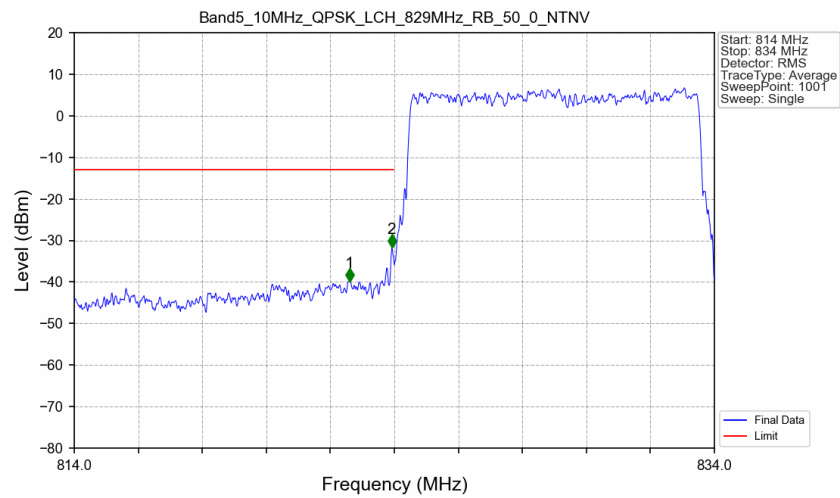


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-32.46	-13	Pass
850	854	0.1	CHP	2	850.330	-39.77	-13	Pass

5.2.4 B5_10MHz

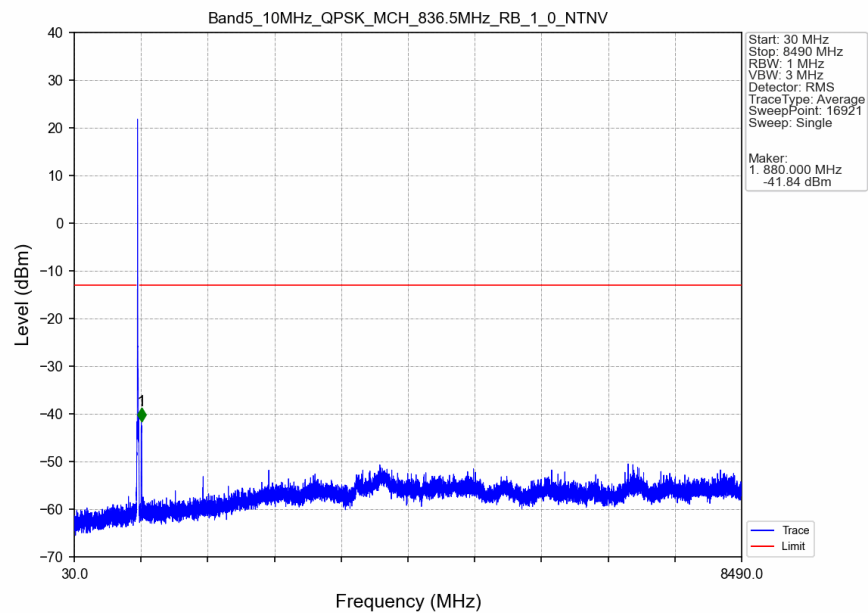


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

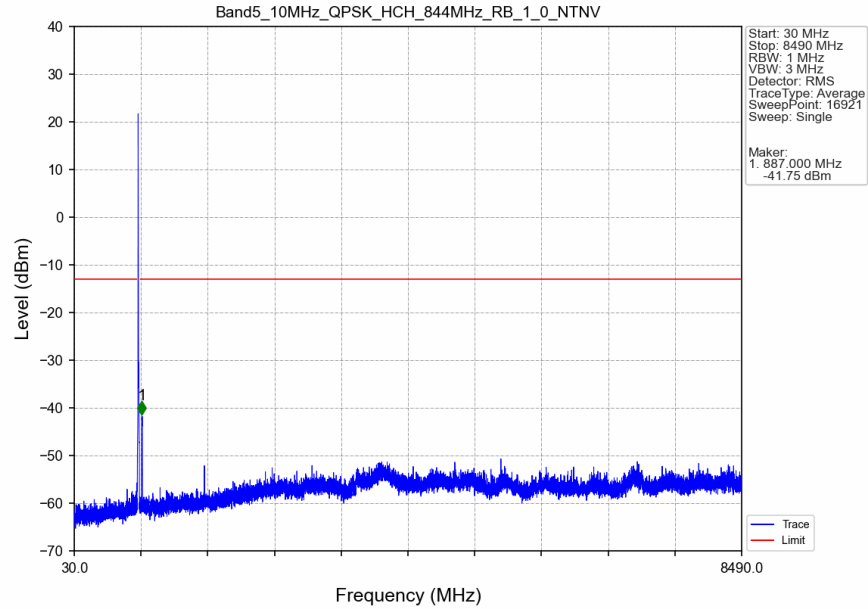


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.600	-39.86	-13	Pass
823	824	0.1	/	2	823.920	-31.75	-13	Pass
824	834	0.1	/	/	/	/	/	/

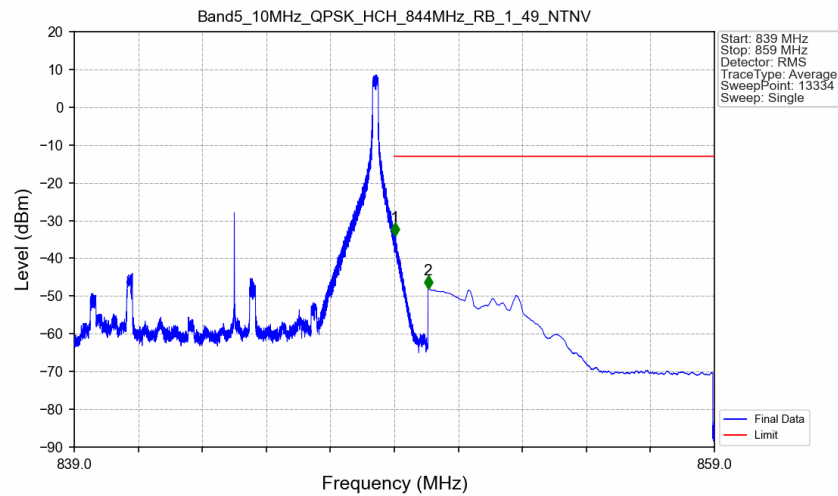
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

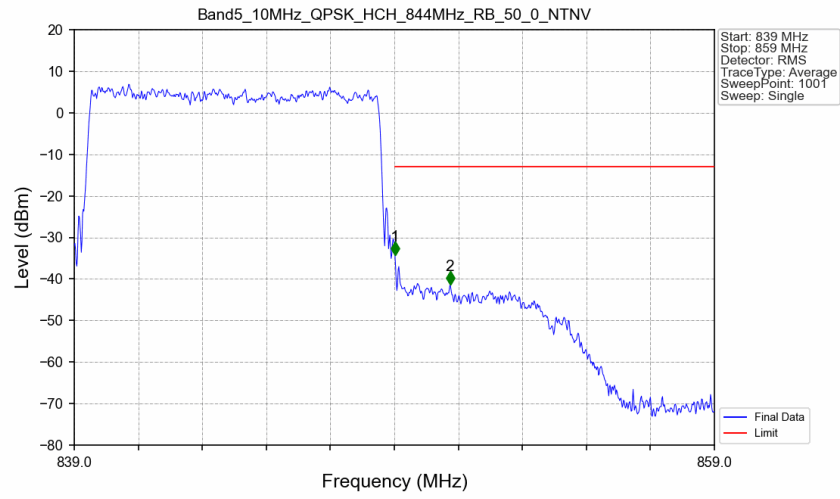


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	849.013	-34.05	-13	Pass
850	859	0.1	CHP	2	850.052	-48.11	-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	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.020	-34.25	-13	Pass
850	859	0.1	/	2	850.740	-41.41	-13	Pass