

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	23.65	-3.25	18.25	<=38.45	Pass
			2	23.62	-3.25	18.22	<=38.45	Pass
			5	23.66	-3.25	18.26	<=38.45	Pass
		3	0	23.65	-3.25	18.25	<=38.45	Pass
			2	23.63	-3.25	18.23	<=38.45	Pass
			3	23.67	-3.25	18.27	<=38.45	Pass
		6	0	22.75	-3.25	17.35	<=38.45	Pass
	836.5	1	0	23.79	-3.25	18.39	<=38.45	Pass
			2	23.79	-3.25	18.39	<=38.45	Pass
			5	23.73	-3.25	18.33	<=38.45	Pass
		3	0	23.74	-3.25	18.34	<=38.45	Pass
			2	23.76	-3.25	18.36	<=38.45	Pass
			3	23.72	-3.25	18.32	<=38.45	Pass
		6	0	22.71	-3.25	17.31	<=38.45	Pass
	848.3	1	0	23.48	-3.25	18.08	<=38.45	Pass
			2	23.41	-3.25	18.01	<=38.45	Pass
			5	23.49	-3.25	18.09	<=38.45	Pass
		3	0	23.69	-3.25	18.29	<=38.45	Pass
			2	23.65	-3.25	18.25	<=38.45	Pass
			3	23.65	-3.25	18.25	<=38.45	Pass
		6	0	22.58	-3.25	17.18	<=38.45	Pass
16QAM	824.7	1	0	23.00	-3.25	17.60	<=38.45	Pass
			2	23.05	-3.25	17.65	<=38.45	Pass
			5	22.99	-3.25	17.59	<=38.45	Pass
		3	0	22.91	-3.25	17.51	<=38.45	Pass
			2	22.86	-3.25	17.46	<=38.45	Pass
			3	22.86	-3.25	17.46	<=38.45	Pass
		6	0	21.76	-3.25	16.36	<=38.45	Pass
	836.5	1	0	22.78	-3.25	17.38	<=38.45	Pass
			2	22.78	-3.25	17.38	<=38.45	Pass
			5	22.91	-3.25	17.51	<=38.45	Pass
		3	0	22.69	-3.25	17.29	<=38.45	Pass
			2	22.79	-3.25	17.39	<=38.45	Pass
			3	22.81	-3.25	17.41	<=38.45	Pass
		6	0	21.83	-3.25	16.43	<=38.45	Pass
	848.3	1	0	22.69	-3.25	17.29	<=38.45	Pass
			2	22.75	-3.25	17.35	<=38.45	Pass
			5	22.75	-3.25	17.35	<=38.45	Pass
		3	0	22.69	-3.25	17.29	<=38.45	Pass
			2	22.66	-3.25	17.26	<=38.45	Pass
			3	22.70	-3.25	17.30	<=38.45	Pass
		6	0	21.53	-3.25	16.13	<=38.45	Pass
64QAM	824.7	1	0	22.37	-3.25	16.97	<=38.45	Pass
			2	22.37	-3.25	16.97	<=38.45	Pass
			5	22.37	-3.25	16.97	<=38.45	Pass
		3	0	21.88	-3.25	16.48	<=38.45	Pass
			2	21.88	-3.25	16.48	<=38.45	Pass
			3	21.88	-3.25	16.48	<=38.45	Pass
		6	0	20.86	-3.25	15.46	<=38.45	Pass

	836.5	1	0	22.29	-3.25	16.89	<=38.45	Pass
			2	22.32	-3.25	16.92	<=38.45	Pass
			5	22.29	-3.25	16.89	<=38.45	Pass
		3	0	21.79	-3.25	16.39	<=38.45	Pass
			2	21.80	-3.25	16.40	<=38.45	Pass
			3	21.83	-3.25	16.43	<=38.45	Pass
		6	0	20.85	-3.25	15.45	<=38.45	Pass
	848.3	1	0	21.55	-3.25	16.15	<=38.45	Pass
			2	21.54	-3.25	16.14	<=38.45	Pass
			5	21.57	-3.25	16.17	<=38.45	Pass
		3	0	21.49	-3.25	16.09	<=38.45	Pass
			2	21.51	-3.25	16.11	<=38.45	Pass
			3	21.52	-3.25	16.12	<=38.45	Pass
		6	0	20.87	-3.25	15.47	<=38.45	Pass
256QAM	824.7	1	0	18.92	-3.25	13.52	<=38.45	Pass
			2	18.90	-3.25	13.50	<=38.45	Pass
			5	18.89	-3.25	13.49	<=38.45	Pass
		3	0	18.77	-3.25	13.37	<=38.45	Pass
			2	18.74	-3.25	13.34	<=38.45	Pass
			3	18.76	-3.25	13.36	<=38.45	Pass
		6	0	18.81	-3.25	13.41	<=38.45	Pass
	836.5	1	0	19.03	-3.25	13.63	<=38.45	Pass
			2	19.00	-3.25	13.60	<=38.45	Pass
			5	19.00	-3.25	13.60	<=38.45	Pass
		3	0	18.80	-3.25	13.40	<=38.45	Pass
			2	18.82	-3.25	13.42	<=38.45	Pass
			3	18.81	-3.25	13.41	<=38.45	Pass
		6	0	18.80	-3.25	13.40	<=38.45	Pass
	848.3	1	0	18.59	-3.25	13.19	<=38.45	Pass
			2	18.59	-3.25	13.19	<=38.45	Pass
			5	18.58	-3.25	13.18	<=38.45	Pass
		3	0	18.72	-3.25	13.32	<=38.45	Pass
			2	18.68	-3.25	13.28	<=38.45	Pass
			3	18.67	-3.25	13.27	<=38.45	Pass
		6	0	18.67	-3.25	13.27	<=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	23.73	-3.25	18.33	<=38.45	Pass
			7	23.72	-3.25	18.32	<=38.45	Pass
			14	23.70	-3.25	18.30	<=38.45	Pass
		8	0	22.77	-3.25	17.37	<=38.45	Pass
			4	22.74	-3.25	17.34	<=38.45	Pass
			7	22.72	-3.25	17.32	<=38.45	Pass
		15	0	22.73	-3.25	17.33	<=38.45	Pass
	836.5	1	0	23.75	-3.25	18.35	<=38.45	Pass
			7	23.80	-3.25	18.40	<=38.45	Pass
			14	23.82	-3.25	18.42	<=38.45	Pass
		8	0	22.81	-3.25	17.41	<=38.45	Pass
			4	22.71	-3.25	17.31	<=38.45	Pass
			7	22.79	-3.25	17.39	<=38.45	Pass
		15	0	22.72	-3.25	17.32	<=38.45	Pass
	847.5	1	0	23.48	-3.25	18.08	<=38.45	Pass

		8	7	23.49	-3.25	18.09	<=38.45	Pass
			14	23.50	-3.25	18.10	<=38.45	Pass
			0	22.62	-3.25	17.22	<=38.45	Pass
			4	22.56	-3.25	17.16	<=38.45	Pass
			7	22.52	-3.25	17.12	<=38.45	Pass
		15	0	22.61	-3.25	17.21	<=38.45	Pass
16QAM	825.5	1	0	22.86	-3.25	17.46	<=38.45	Pass
			7	23.00	-3.25	17.60	<=38.45	Pass
			14	22.84	-3.25	17.44	<=38.45	Pass
		8	0	21.94	-3.25	16.54	<=38.45	Pass
			4	21.90	-3.25	16.50	<=38.45	Pass
			7	21.88	-3.25	16.48	<=38.45	Pass
		15	0	21.76	-3.25	16.36	<=38.45	Pass
	836.5	1	0	22.82	-3.25	17.42	<=38.45	Pass
			7	22.80	-3.25	17.40	<=38.45	Pass
			14	22.74	-3.25	17.34	<=38.45	Pass
		8	0	21.91	-3.25	16.51	<=38.45	Pass
			4	21.88	-3.25	16.48	<=38.45	Pass
			7	21.87	-3.25	16.47	<=38.45	Pass
		15	0	21.78	-3.25	16.38	<=38.45	Pass
	847.5	1	0	22.78	-3.25	17.38	<=38.45	Pass
			7	22.71	-3.25	17.31	<=38.45	Pass
			14	22.69	-3.25	17.29	<=38.45	Pass
		8	0	21.69	-3.25	16.29	<=38.45	Pass
			4	21.58	-3.25	16.18	<=38.45	Pass
			7	21.57	-3.25	16.17	<=38.45	Pass
		15	0	21.61	-3.25	16.21	<=38.45	Pass
64QAM	825.5	1	0	21.97	-3.25	16.57	<=38.45	Pass
			7	22.00	-3.25	16.60	<=38.45	Pass
			14	21.90	-3.25	16.50	<=38.45	Pass
		8	0	20.97	-3.25	15.57	<=38.45	Pass
			4	20.94	-3.25	15.54	<=38.45	Pass
			7	20.90	-3.25	15.50	<=38.45	Pass
		15	0	20.84	-3.25	15.44	<=38.45	Pass
	836.5	1	0	22.30	-3.25	16.90	<=38.45	Pass
			7	22.34	-3.25	16.94	<=38.45	Pass
			14	22.27	-3.25	16.87	<=38.45	Pass
		8	0	21.01	-3.25	15.61	<=38.45	Pass
			4	20.99	-3.25	15.59	<=38.45	Pass
			7	20.99	-3.25	15.59	<=38.45	Pass
		15	0	20.76	-3.25	15.36	<=38.45	Pass
	847.5	1	0	21.58	-3.25	16.18	<=38.45	Pass
			7	21.58	-3.25	16.18	<=38.45	Pass
			14	21.54	-3.25	16.14	<=38.45	Pass
		8	0	20.82	-3.25	15.42	<=38.45	Pass
			4	20.77	-3.25	15.37	<=38.45	Pass
			7	20.74	-3.25	15.34	<=38.45	Pass
		15	0	20.69	-3.25	15.29	<=38.45	Pass
256QAM	825.5	1	0	18.77	-3.25	13.37	<=38.45	Pass
			7	18.77	-3.25	13.37	<=38.45	Pass
			14	18.74	-3.25	13.34	<=38.45	Pass
		8	0	18.82	-3.25	13.42	<=38.45	Pass
			4	18.79	-3.25	13.39	<=38.45	Pass
			7	18.81	-3.25	13.41	<=38.45	Pass
		15	0	18.78	-3.25	13.38	<=38.45	Pass
	836.5	1	0	18.98	-3.25	13.58	<=38.45	Pass
			7	19.00	-3.25	13.60	<=38.45	Pass
			14	18.98	-3.25	13.58	<=38.45	Pass
		8	0	18.86	-3.25	13.46	<=38.45	Pass

		15	4	18.83	-3.25	13.43	<=38.45	Pass
			7	18.84	-3.25	13.44	<=38.45	Pass
			0	18.64	-3.25	13.24	<=38.45	Pass
	847.5	1	0	18.54	-3.25	13.14	<=38.45	Pass
			7	18.55	-3.25	13.15	<=38.45	Pass
			14	18.52	-3.25	13.12	<=38.45	Pass
		8	0	18.78	-3.25	13.38	<=38.45	Pass
			4	18.70	-3.25	13.30	<=38.45	Pass
			7	18.68	-3.25	13.28	<=38.45	Pass
		15	0	18.67	-3.25	13.27	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.83	-3.25	18.43	<=38.45	Pass
			13	23.82	-3.25	18.42	<=38.45	Pass
			24	23.82	-3.25	18.42	<=38.45	Pass
		12	0	22.74	-3.25	17.34	<=38.45	Pass
			6	22.70	-3.25	17.30	<=38.45	Pass
			13	22.69	-3.25	17.29	<=38.45	Pass
		25	0	22.75	-3.25	17.35	<=38.45	Pass
	836.5	1	0	23.81	-3.25	18.41	<=38.45	Pass
			13	23.77	-3.25	18.37	<=38.45	Pass
			24	23.78	-3.25	18.38	<=38.45	Pass
		12	0	22.81	-3.25	17.41	<=38.45	Pass
			6	22.78	-3.25	17.38	<=38.45	Pass
			13	22.76	-3.25	17.36	<=38.45	Pass
		25	0	22.81	-3.25	17.41	<=38.45	Pass
	846.5	1	0	23.70	-3.25	18.30	<=38.45	Pass
			13	23.63	-3.25	18.23	<=38.45	Pass
			24	23.65	-3.25	18.25	<=38.45	Pass
		12	0	22.73	-3.25	17.33	<=38.45	Pass
			6	22.64	-3.25	17.24	<=38.45	Pass
			13	22.59	-3.25	17.19	<=38.45	Pass
		25	0	22.74	-3.25	17.34	<=38.45	Pass
16QAM	826.5	1	0	22.93	-3.25	17.53	<=38.45	Pass
			13	22.86	-3.25	17.46	<=38.45	Pass
			24	22.86	-3.25	17.46	<=38.45	Pass
		12	0	21.82	-3.25	16.42	<=38.45	Pass
			6	21.79	-3.25	16.39	<=38.45	Pass
			13	21.79	-3.25	16.39	<=38.45	Pass
		25	0	21.75	-3.25	16.35	<=38.45	Pass
	836.5	1	0	22.98	-3.25	17.58	<=38.45	Pass
			13	22.94	-3.25	17.54	<=38.45	Pass
			24	22.98	-3.25	17.58	<=38.45	Pass
		12	0	21.80	-3.25	16.40	<=38.45	Pass
			6	21.77	-3.25	16.37	<=38.45	Pass
			13	21.73	-3.25	16.33	<=38.45	Pass
		25	0	21.78	-3.25	16.38	<=38.45	Pass
	846.5	1	0	23.00	-3.25	17.60	<=38.45	Pass
			13	22.86	-3.25	17.46	<=38.45	Pass
			24	22.91	-3.25	17.51	<=38.45	Pass
		12	0	21.73	-3.25	16.33	<=38.45	Pass
			6	21.67	-3.25	16.27	<=38.45	Pass

			13	21.58	-3.25	16.18	<=38.45	Pass	
		25	0	21.69	-3.25	16.29	<=38.45	Pass	
64QAM	826.5	1	0	22.07	-3.25	16.67	<=38.45	Pass	
			13	21.95	-3.25	16.55	<=38.45	Pass	
			24	21.96	-3.25	16.56	<=38.45	Pass	
			0	20.86	-3.25	15.46	<=38.45	Pass	
		12	6	20.82	-3.25	15.42	<=38.45	Pass	
			13	20.84	-3.25	15.44	<=38.45	Pass	
			25	0	20.80	-3.25	15.40	<=38.45	Pass
		836.5	1	0	22.27	-3.25	16.87	<=38.45	Pass
				13	22.23	-3.25	16.83	<=38.45	Pass
				24	22.29	-3.25	16.89	<=38.45	Pass
	0			20.95	-3.25	15.55	<=38.45	Pass	
	12		6	20.93	-3.25	15.53	<=38.45	Pass	
			13	20.90	-3.25	15.50	<=38.45	Pass	
			25	0	20.92	-3.25	15.52	<=38.45	Pass
	846.5		1	0	21.73	-3.25	16.33	<=38.45	Pass
		13		21.66	-3.25	16.26	<=38.45	Pass	
		24		21.63	-3.25	16.23	<=38.45	Pass	
		0		20.80	-3.25	15.40	<=38.45	Pass	
		12	6	20.74	-3.25	15.34	<=38.45	Pass	
			13	20.70	-3.25	15.30	<=38.45	Pass	
			25	0	20.78	-3.25	15.38	<=38.45	Pass
		256QAM	826.5	1	0	18.93	-3.25	13.53	<=38.45
	13				18.86	-3.25	13.46	<=38.45	Pass
24	18.91				-3.25	13.51	<=38.45	Pass	
12	0			18.82	-3.25	13.42	<=38.45	Pass	
	6			18.79	-3.25	13.39	<=38.45	Pass	
	13			18.76	-3.25	13.36	<=38.45	Pass	
25	0			18.84	-3.25	13.44	<=38.45	Pass	
836.5	1			0	19.31	-3.25	13.91	<=38.45	Pass
			13	19.37	-3.25	13.97	<=38.45	Pass	
			24	19.32	-3.25	13.92	<=38.45	Pass	
	12		0	18.92	-3.25	13.52	<=38.45	Pass	
			6	18.90	-3.25	13.50	<=38.45	Pass	
			13	18.89	-3.25	13.49	<=38.45	Pass	
	25		0	18.85	-3.25	13.45	<=38.45	Pass	
846.5	1		0	18.73	-3.25	13.33	<=38.45	Pass	
			13	18.71	-3.25	13.31	<=38.45	Pass	
			24	18.69	-3.25	13.29	<=38.45	Pass	
	12		0	18.72	-3.25	13.32	<=38.45	Pass	
			6	18.68	-3.25	13.28	<=38.45	Pass	
			13	18.64	-3.25	13.24	<=38.45	Pass	
	25		0	18.69	-3.25	13.29	<=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	23.77	-3.25	18.37	<=38.45	Pass
			25	23.71	-3.25	18.31	<=38.45	Pass
			49	23.75	-3.25	18.35	<=38.45	Pass
		25	0	22.74	-3.25	17.34	<=38.45	Pass
			13	22.67	-3.25	17.27	<=38.45	Pass
			25	22.72	-3.25	17.32	<=38.45	Pass

		50	0	22.72	-3.25	17.32	<=38.45	Pass		
		836.5	1	0	23.70	-3.25	18.30	<=38.45	Pass	
				25	23.84	-3.25	18.44	<=38.45	Pass	
				49	23.85	-3.25	18.45	<=38.45	Pass	
			25	0	22.77	-3.25	17.37	<=38.45	Pass	
				13	22.74	-3.25	17.34	<=38.45	Pass	
				25	22.79	-3.25	17.39	<=38.45	Pass	
		50	0	22.80	-3.25	17.40	<=38.45	Pass		
		844	1	0	23.73	-3.25	18.33	<=38.45	Pass	
				25	23.65	-3.25	18.25	<=38.45	Pass	
				49	23.60	-3.25	18.20	<=38.45	Pass	
			25	0	22.72	-3.25	17.32	<=38.45	Pass	
				13	22.67	-3.25	17.27	<=38.45	Pass	
				25	22.63	-3.25	17.23	<=38.45	Pass	
		50	0	22.64	-3.25	17.24	<=38.45	Pass		
		16QAM	829	1	0	22.91	-3.25	17.51	<=38.45	Pass
25	22.82				-3.25	17.42	<=38.45	Pass		
49	22.90				-3.25	17.50	<=38.45	Pass		
25	0			21.75	-3.25	16.35	<=38.45	Pass		
	13			21.71	-3.25	16.31	<=38.45	Pass		
	25			21.74	-3.25	16.34	<=38.45	Pass		
50	0			21.71	-3.25	16.31	<=38.45	Pass		
836.5	1			0	22.89	-3.25	17.49	<=38.45	Pass	
				25	22.88	-3.25	17.48	<=38.45	Pass	
				49	22.88	-3.25	17.48	<=38.45	Pass	
	25		0	21.83	-3.25	16.43	<=38.45	Pass		
			13	21.79	-3.25	16.39	<=38.45	Pass		
			25	21.82	-3.25	16.42	<=38.45	Pass		
50	0		21.79	-3.25	16.39	<=38.45	Pass			
844	1		0	22.76	-3.25	17.36	<=38.45	Pass		
			25	22.70	-3.25	17.30	<=38.45	Pass		
			49	22.68	-3.25	17.28	<=38.45	Pass		
	25		0	21.77	-3.25	16.37	<=38.45	Pass		
			13	21.73	-3.25	16.33	<=38.45	Pass		
			25	21.72	-3.25	16.32	<=38.45	Pass		
	50		0	21.65	-3.25	16.25	<=38.45	Pass		
	64QAM		829	1	0	21.96	-3.25	16.56	<=38.45	Pass
					25	21.85	-3.25	16.45	<=38.45	Pass
					49	21.97	-3.25	16.57	<=38.45	Pass
25		0		20.72	-3.25	15.32	<=38.45	Pass		
		13		20.72	-3.25	15.32	<=38.45	Pass		
		25		20.75	-3.25	15.35	<=38.45	Pass		
50		0	20.75	-3.25	15.35	<=38.45	Pass			
836.5		1	0	22.39	-3.25	16.99	<=38.45	Pass		
			25	22.40	-3.25	17.00	<=38.45	Pass		
			49	22.46	-3.25	17.06	<=38.45	Pass		
		25	0	20.93	-3.25	15.53	<=38.45	Pass		
			13	20.91	-3.25	15.51	<=38.45	Pass		
			25	20.92	-3.25	15.52	<=38.45	Pass		
50		0	20.86	-3.25	15.46	<=38.45	Pass			
844	1	0	22.00	-3.25	16.60	<=38.45	Pass			
		25	21.98	-3.25	16.58	<=38.45	Pass			
		49	21.85	-3.25	16.45	<=38.45	Pass			
	25	0	20.77	-3.25	15.37	<=38.45	Pass			
		13	20.80	-3.25	15.40	<=38.45	Pass			
		25	20.76	-3.25	15.36	<=38.45	Pass			
50	0	20.75	-3.25	15.35	<=38.45	Pass				
256QAM	829	1	0	18.78	-3.25	13.38	<=38.45	Pass		
			25	18.72	-3.25	13.32	<=38.45	Pass		

			49	18.78	-3.25	13.38	<=38.45	Pass
		25	0	18.72	-3.25	13.32	<=38.45	Pass
			13	18.74	-3.25	13.34	<=38.45	Pass
			25	18.74	-3.25	13.34	<=38.45	Pass
		50	0	18.73	-3.25	13.33	<=38.45	Pass
	836.5	1	0	18.96	-3.25	13.56	<=38.45	Pass
			25	19.03	-3.25	13.63	<=38.45	Pass
			49	18.98	-3.25	13.58	<=38.45	Pass
		25	0	18.70	-3.25	13.30	<=38.45	Pass
			13	18.71	-3.25	13.31	<=38.45	Pass
			25	18.69	-3.25	13.29	<=38.45	Pass
		50	0	18.82	-3.25	13.42	<=38.45	Pass
		844	1	0	19.22	-3.25	13.82	<=38.45
	25			19.13	-3.25	13.73	<=38.45	Pass
	49			19.13	-3.25	13.73	<=38.45	Pass
	25		0	18.78	-3.25	13.38	<=38.45	Pass
			13	18.80	-3.25	13.40	<=38.45	Pass
			25	18.76	-3.25	13.36	<=38.45	Pass
	50		0	18.78	-3.25	13.38	<=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	-6.981	-0.0083	-2.5 to 2.5	Pass
					NV	-19.758	-0.0236	-2.5 to 2.5	Pass
					HV	-15.813	-0.0189	-2.5 to 2.5	Pass
				-30	NV	-6.683	-0.0080	-2.5 to 2.5	Pass
				-20	NV	-6.081	-0.0073	-2.5 to 2.5	Pass
				-10	NV	-6.826	-0.0082	-2.5 to 2.5	Pass
				0	NV	-3.244	-0.0039	-2.5 to 2.5	Pass
				10	NV	-2.549	-0.0030	-2.5 to 2.5	Pass
				30	NV	-2.132	-0.0025	-2.5 to 2.5	Pass
				40	NV	-1.771	-0.0021	-2.5 to 2.5	Pass
				50	NV	-2.212	-0.0026	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

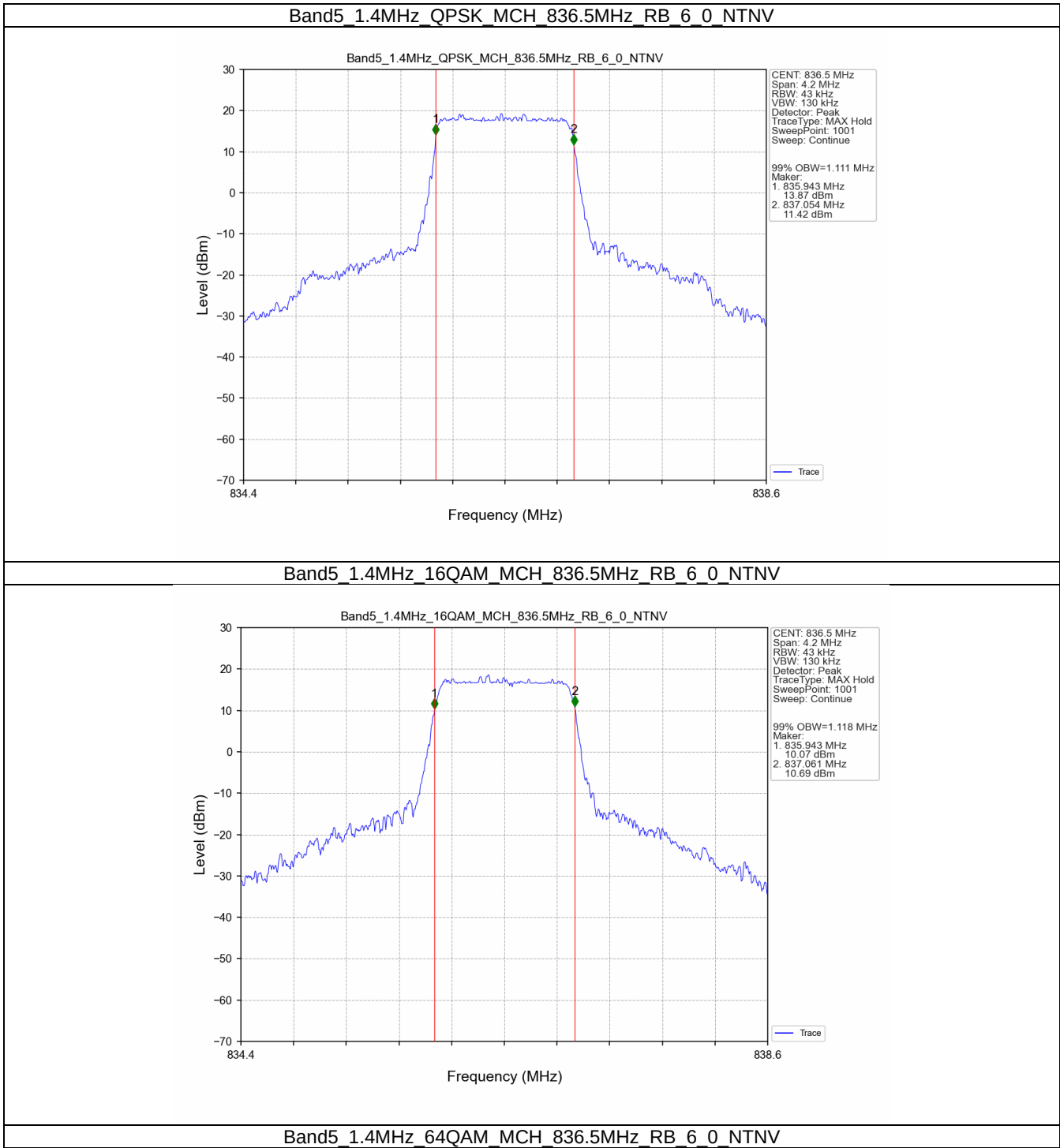
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.111	/	Pass
	16QAM	836.5	6	0	1.118	/	Pass
	64QAM	836.5	6	0	1.107	/	Pass
	256QAM	836.5	6	0	1.115	/	Pass
3	QPSK	836.5	15	0	2.730	/	Pass
	16QAM	836.5	15	0	2.720	/	Pass
	64QAM	836.5	15	0	2.742	/	Pass
	256QAM	836.5	15	0	2.733	/	Pass
5	QPSK	836.5	25	0	4.557	/	Pass
	16QAM	836.5	25	0	4.554	/	Pass
	64QAM	836.5	25	0	4.544	/	Pass
	256QAM	836.5	25	0	4.539	/	Pass
10	QPSK	836.5	50	0	9.075	/	Pass
	16QAM	836.5	50	0	9.071	/	Pass
	64QAM	836.5	50	0	9.073	/	Pass
	256QAM	836.5	50	0	9.075	/	Pass

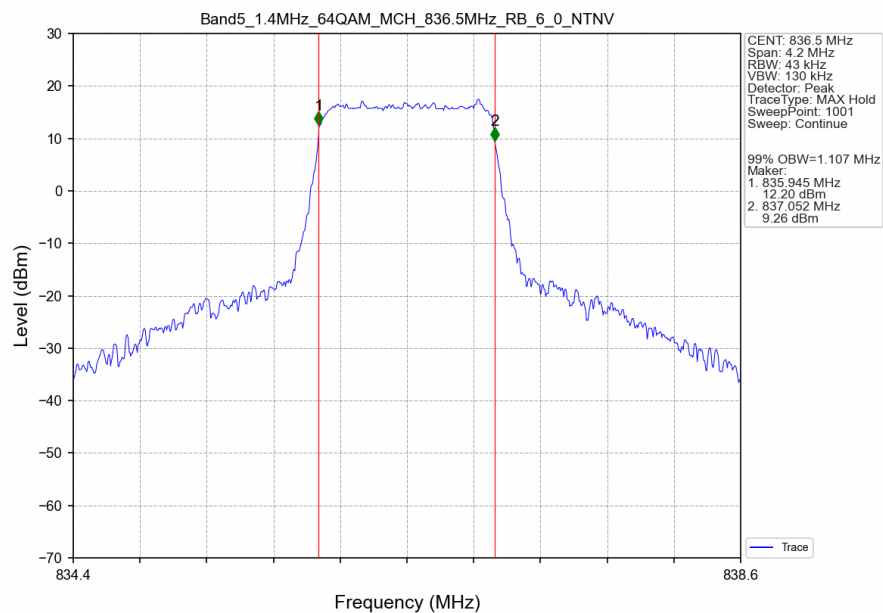
3.1.2 Band5_XDB

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	1.312	/	Pass
	16QAM	836.5	6	0	1.321	/	Pass
	64QAM	836.5	6	0	1.306	/	Pass
	256QAM	836.5	6	0	1.335	/	Pass
3	QPSK	836.5	15	0	3.018	/	Pass
	16QAM	836.5	15	0	3.018	/	Pass
	64QAM	836.5	15	0	3.051	/	Pass
	256QAM	836.5	15	0	3.042	/	Pass
5	QPSK	836.5	25	0	5.031	/	Pass
	16QAM	836.5	25	0	5.021	/	Pass
	64QAM	836.5	25	0	5.053	/	Pass
	256QAM	836.5	25	0	5.094	/	Pass
10	QPSK	836.5	50	0	10.044	/	Pass
	16QAM	836.5	50	0	9.969	/	Pass
	64QAM	836.5	50	0	9.971	/	Pass
	256QAM	836.5	50	0	9.980	/	Pass

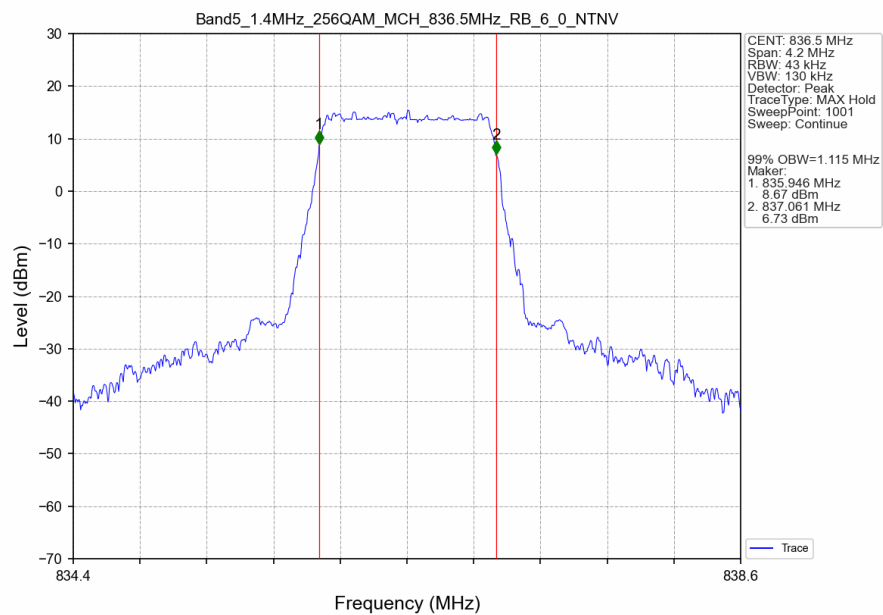
3.2 Test Graph

3.2.1 Band5_OBW

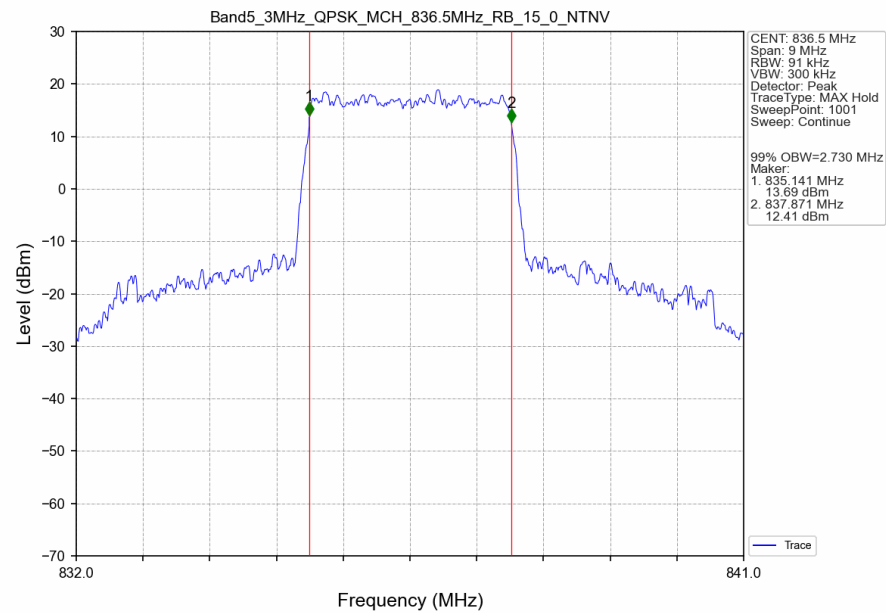




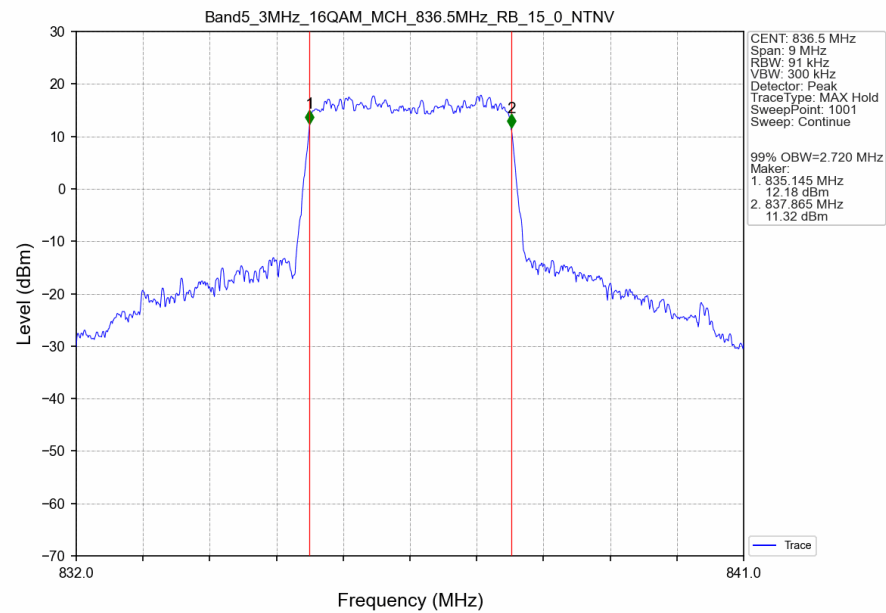
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



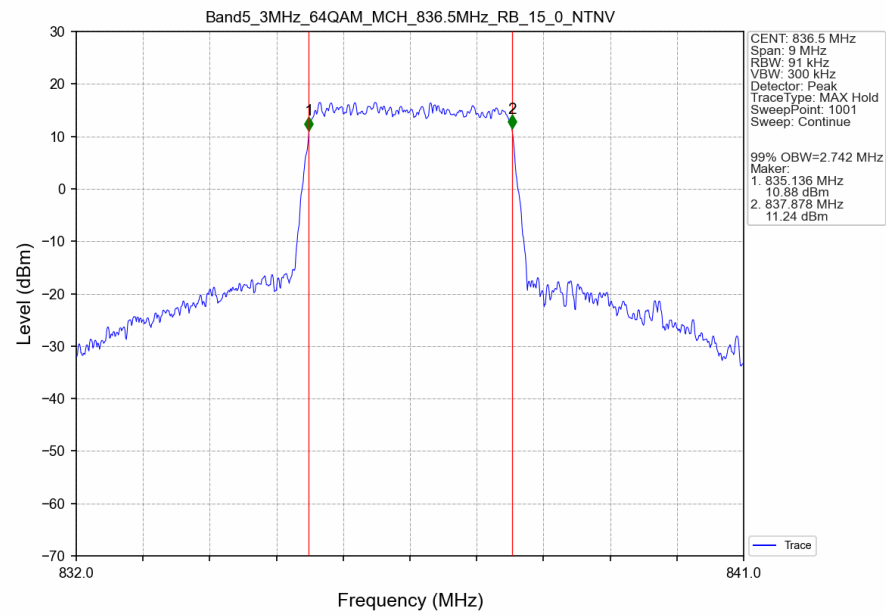
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



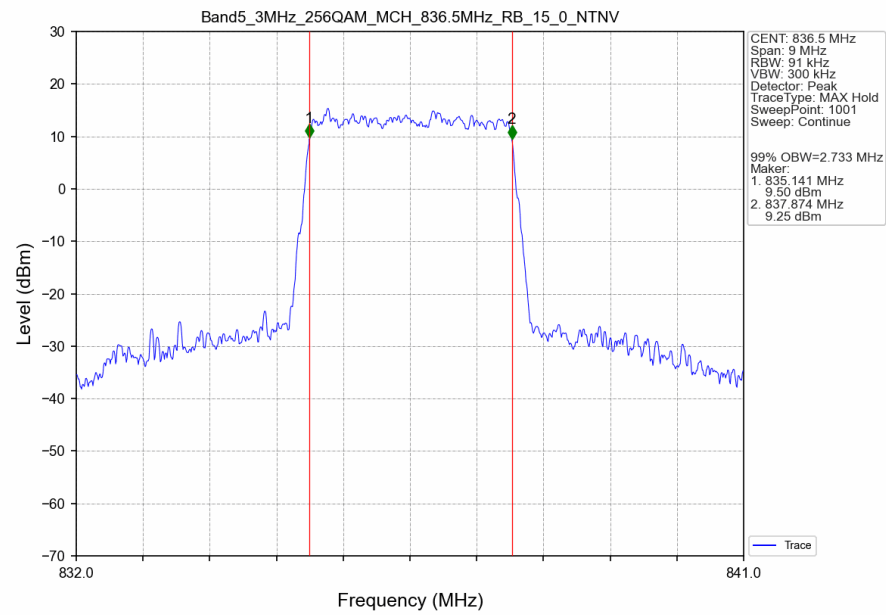
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



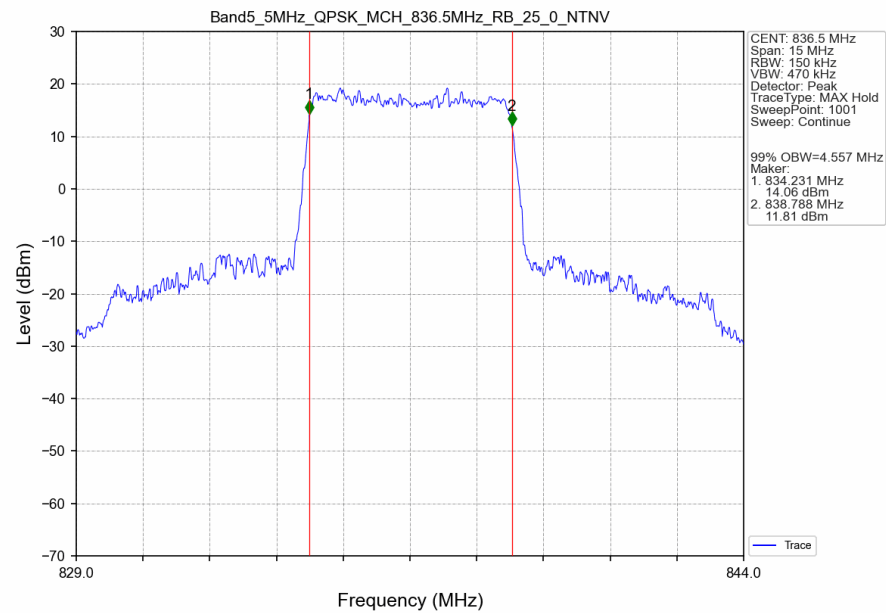
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



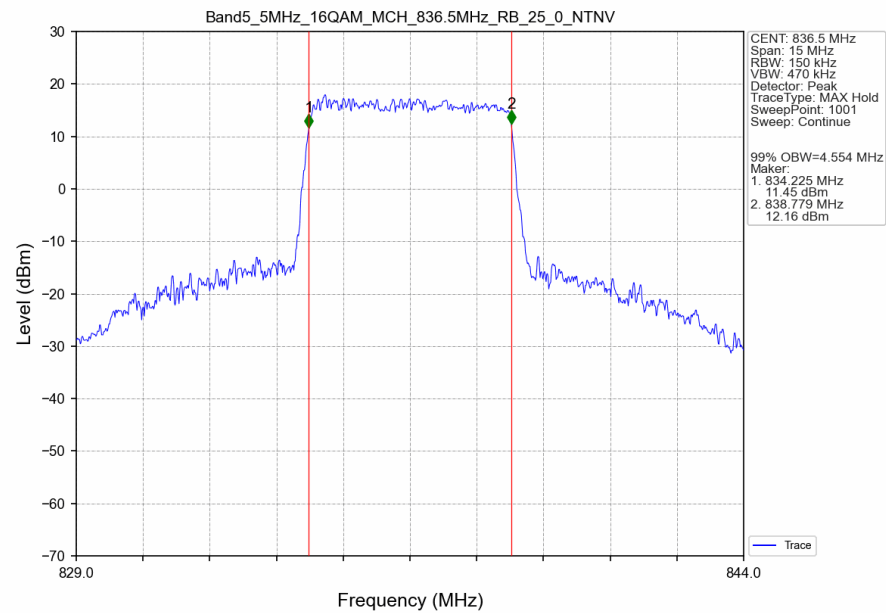
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



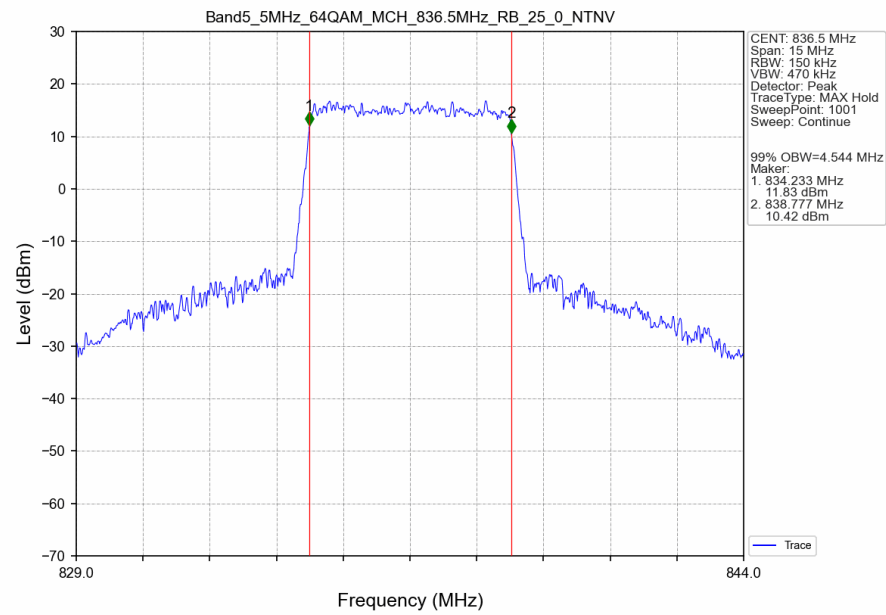
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



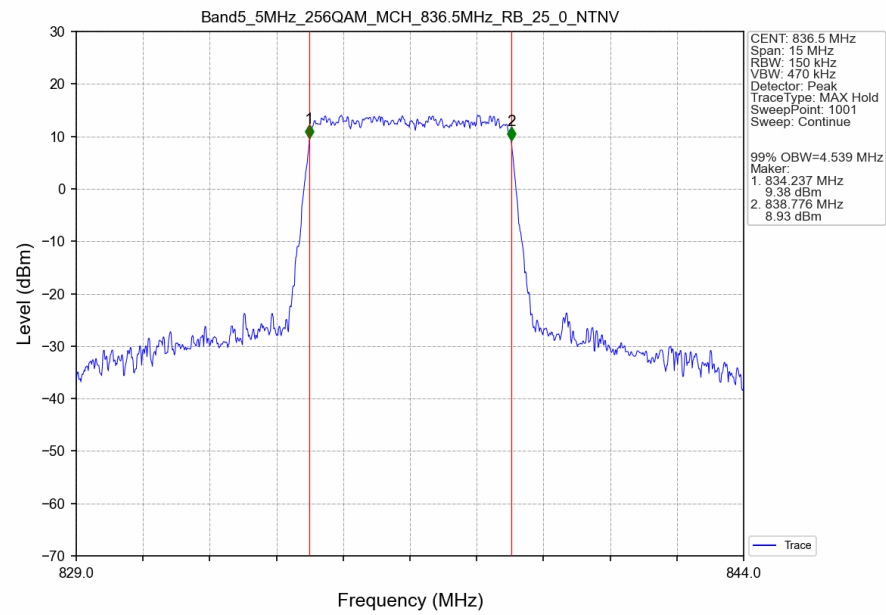
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



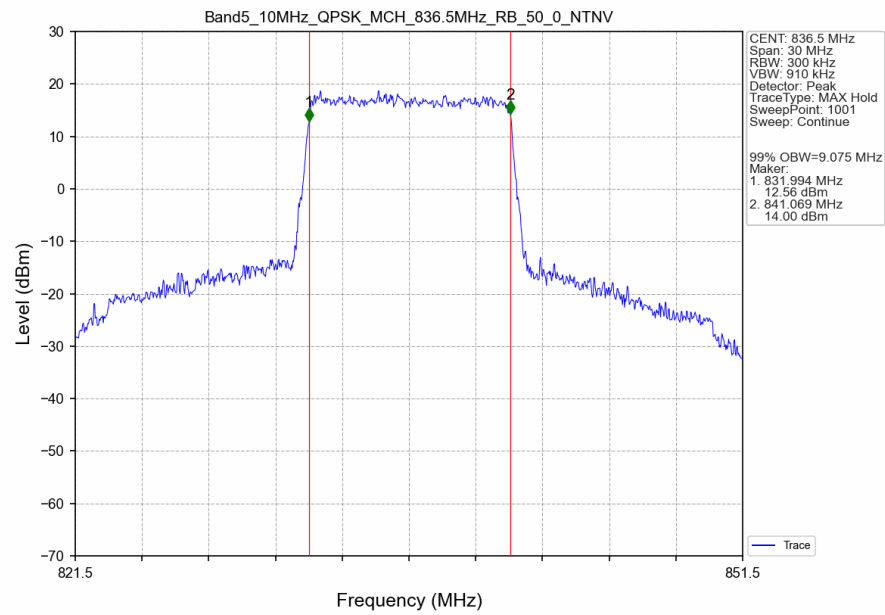
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



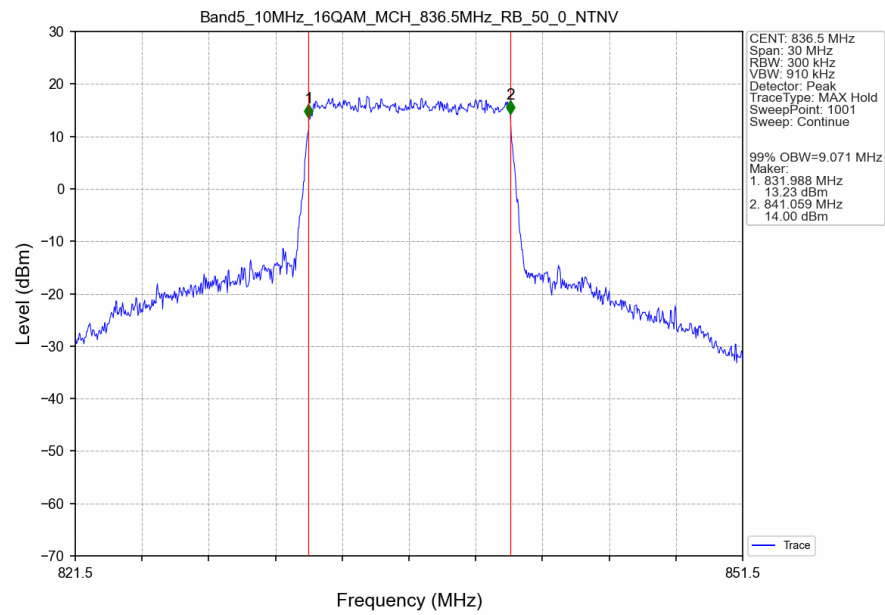
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



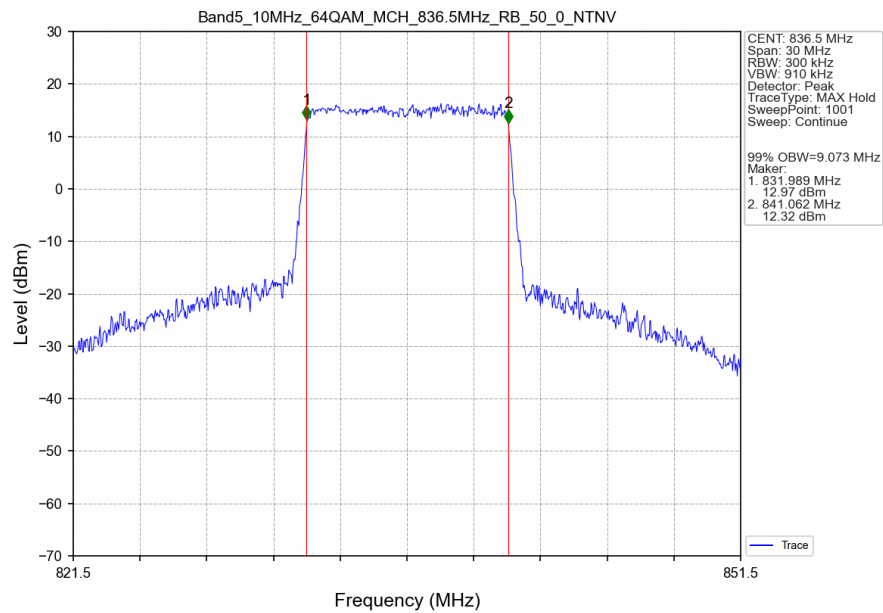
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



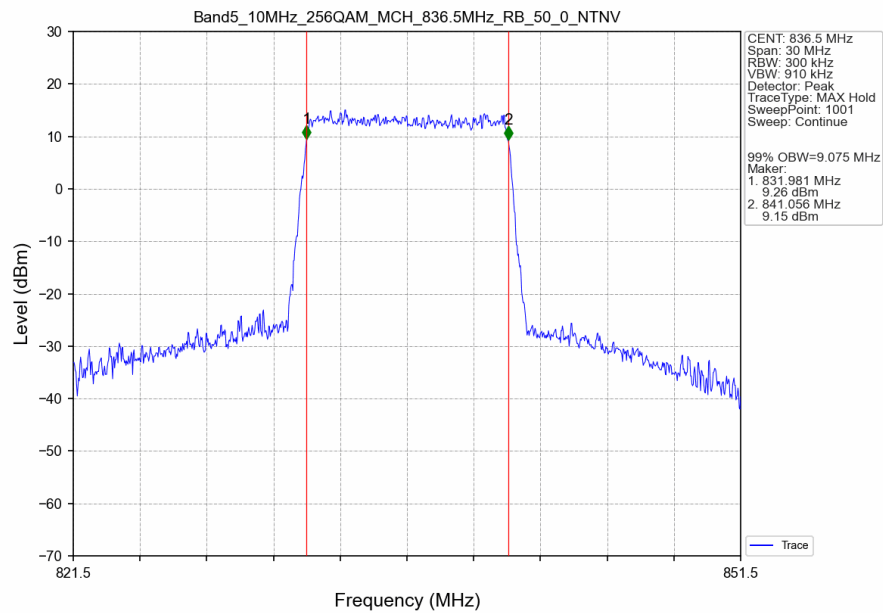
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



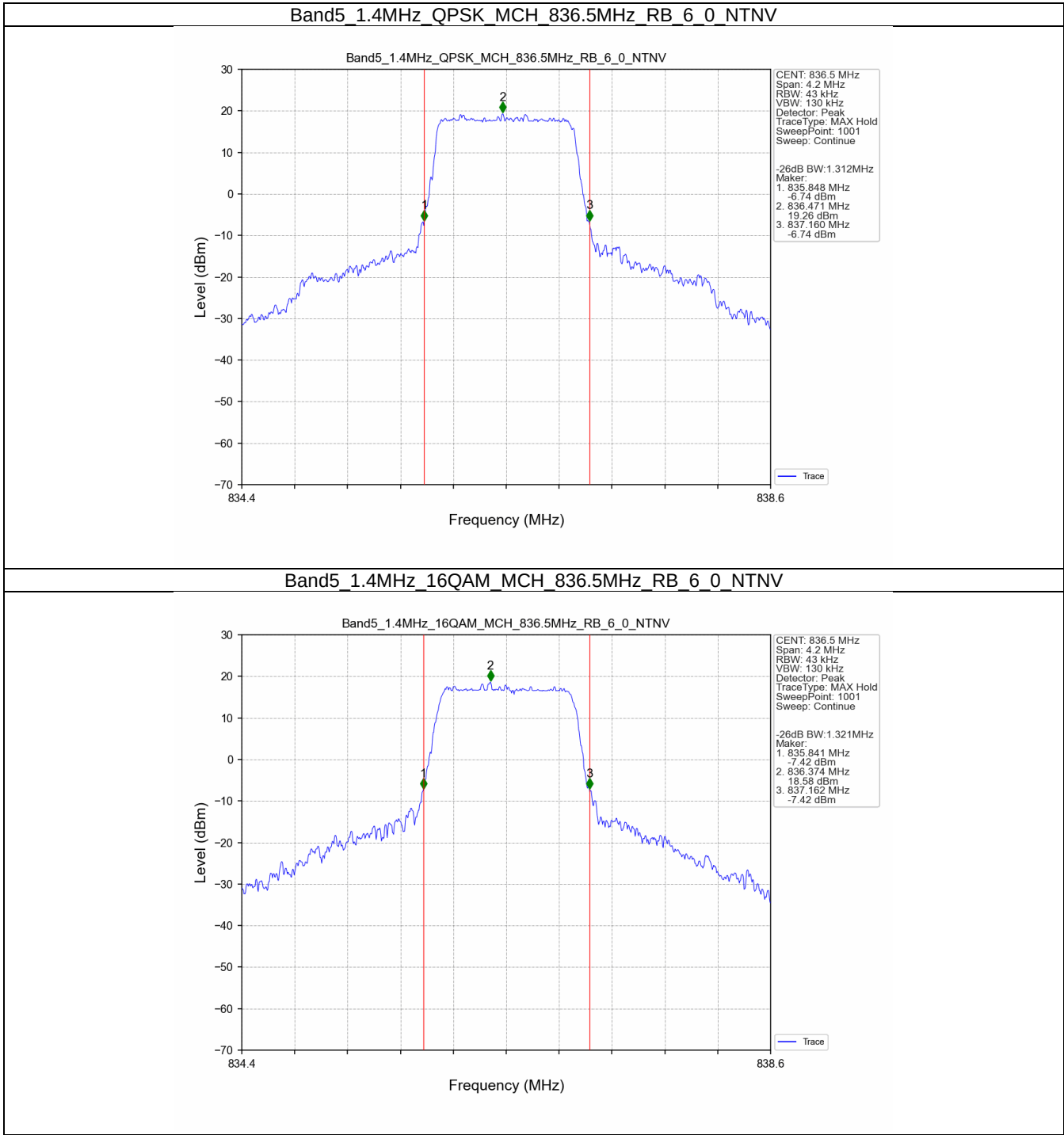
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



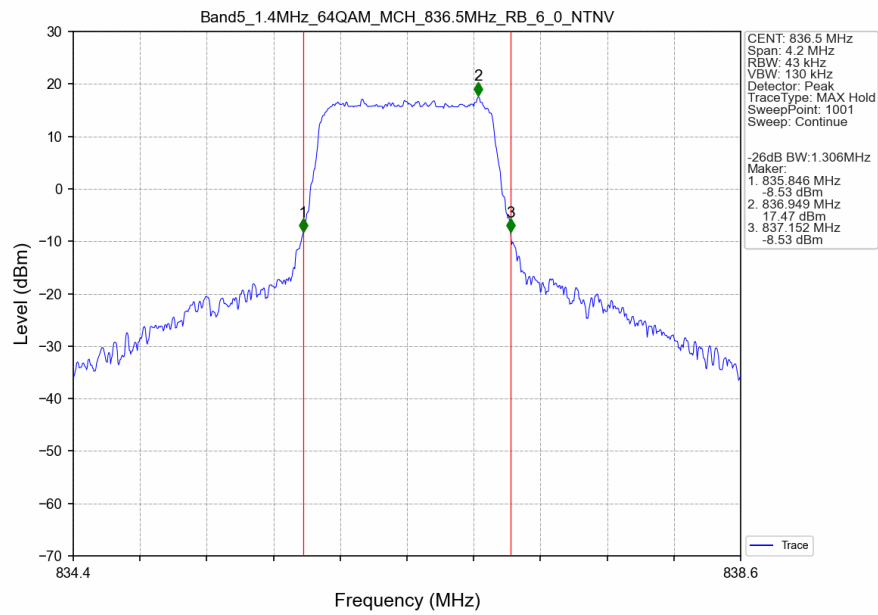
Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



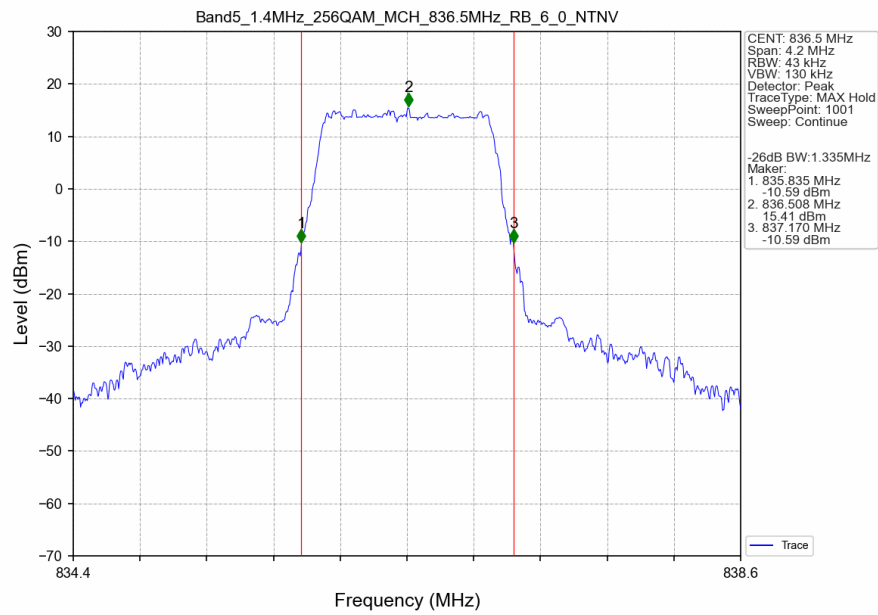
3.2.2 Band5_XDB



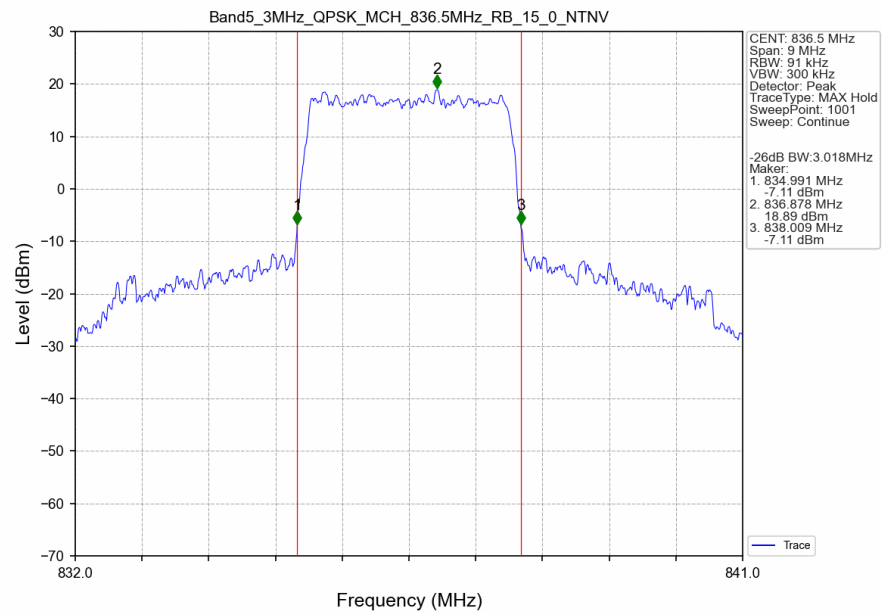
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



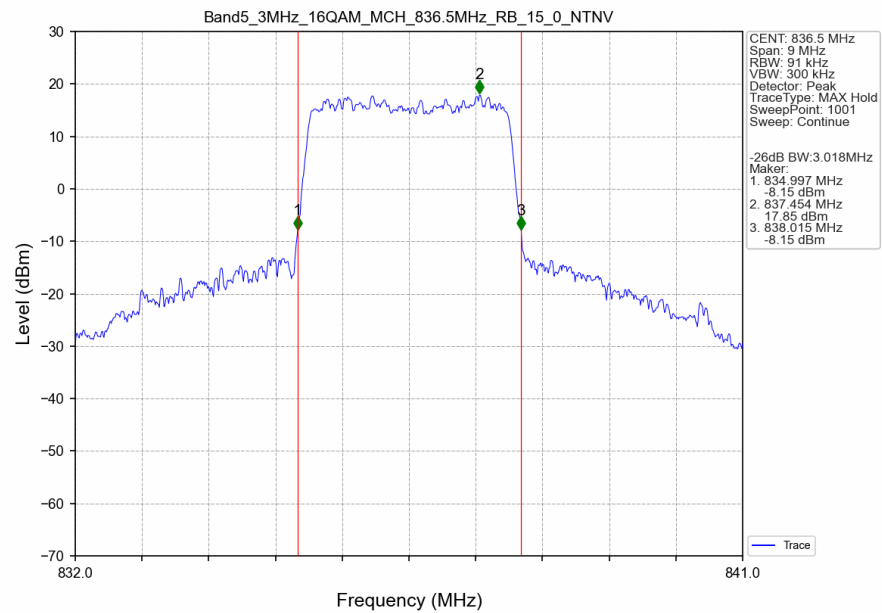
Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



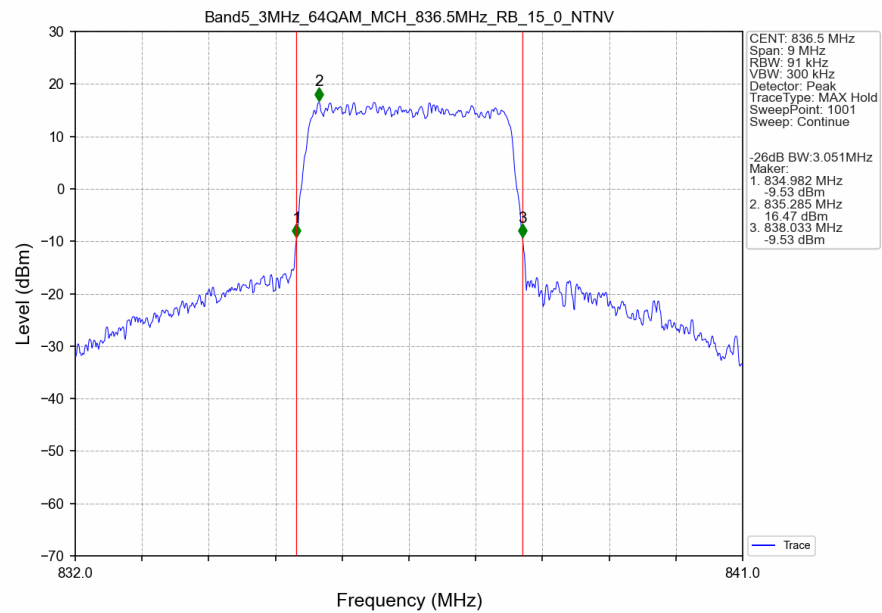
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



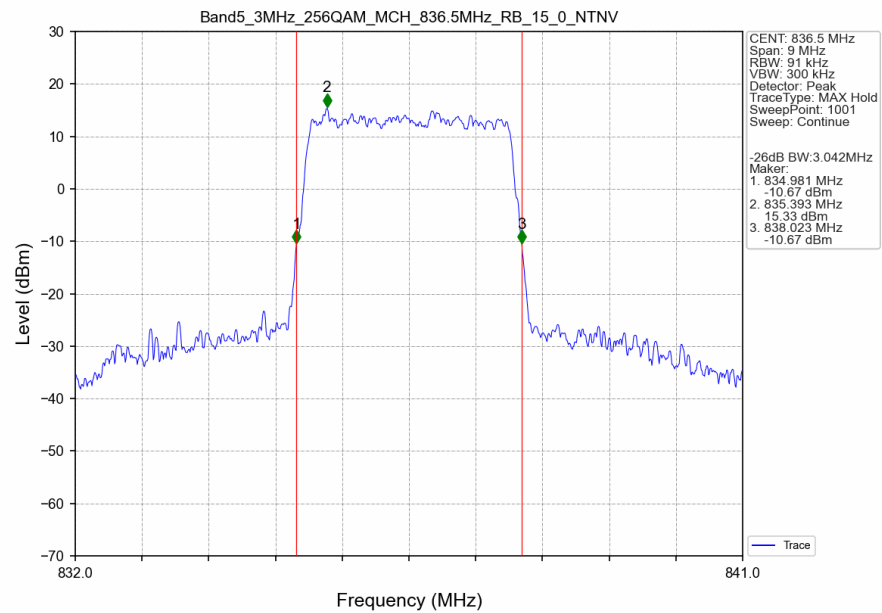
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



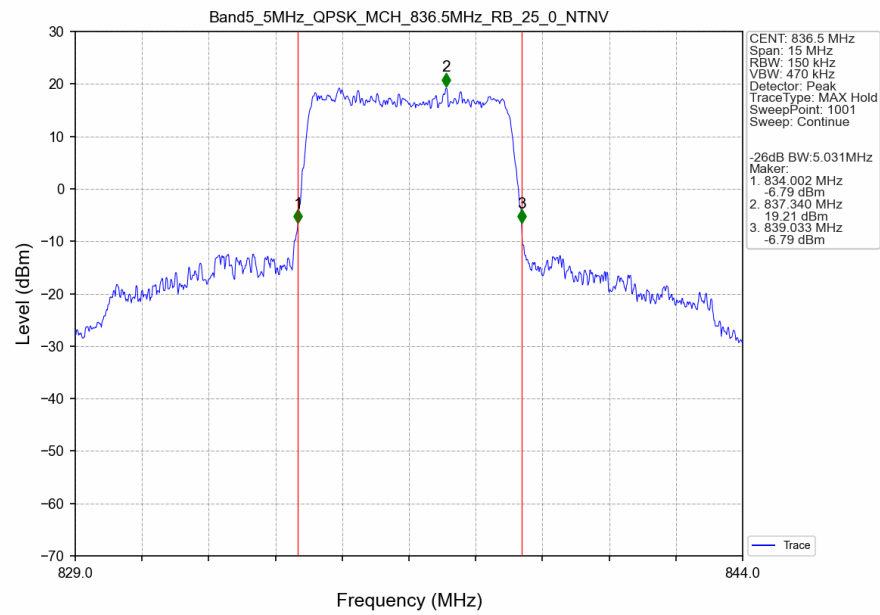
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



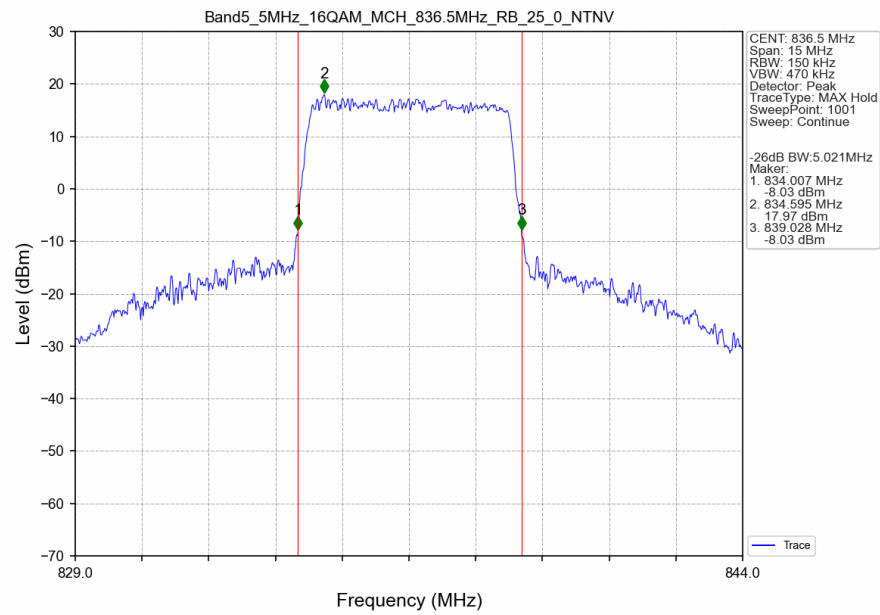
Band5_3MHz_256QAM_MCH_836.5MHz_RB_15_0_NTNV



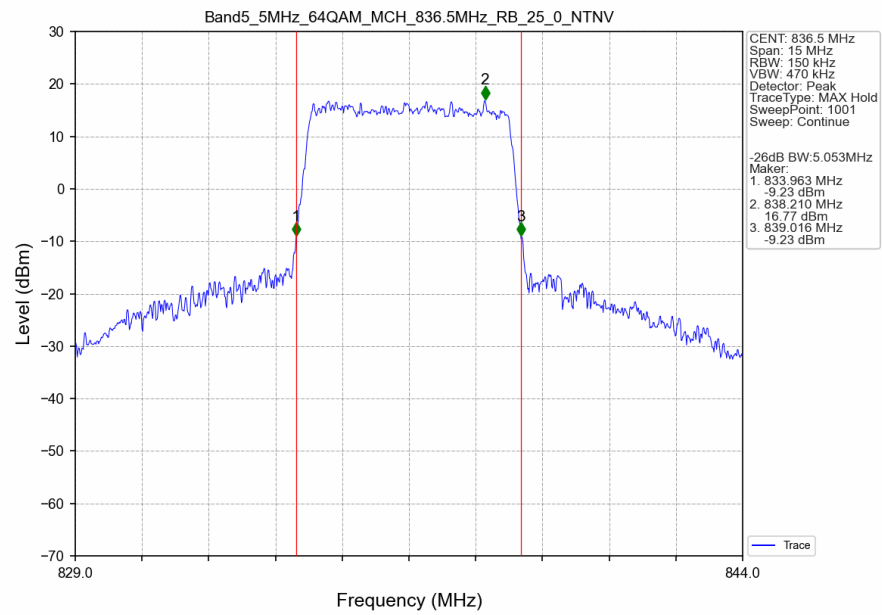
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



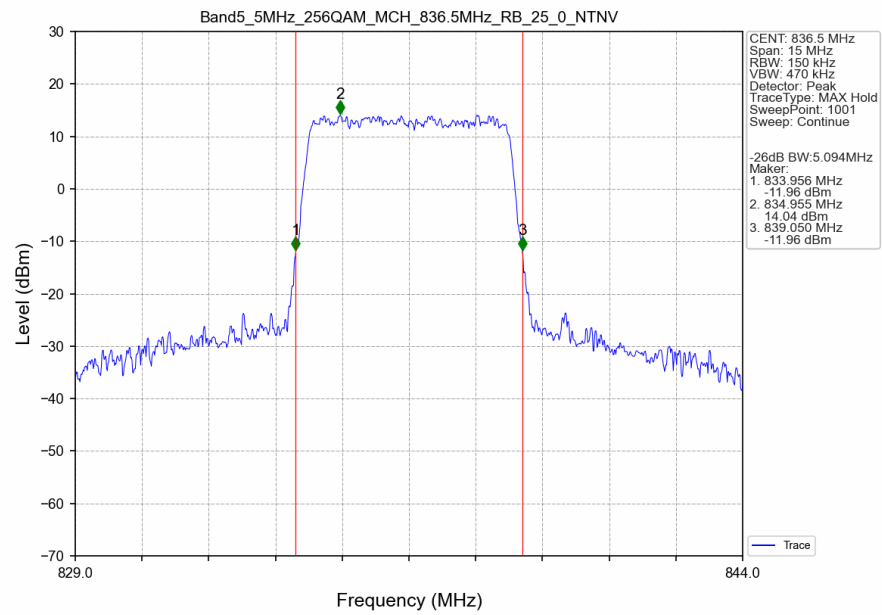
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



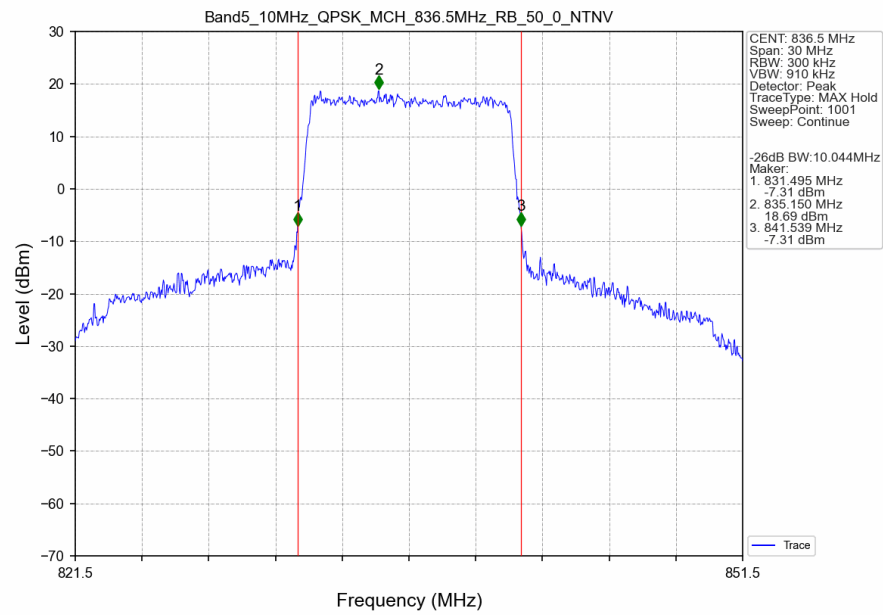
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



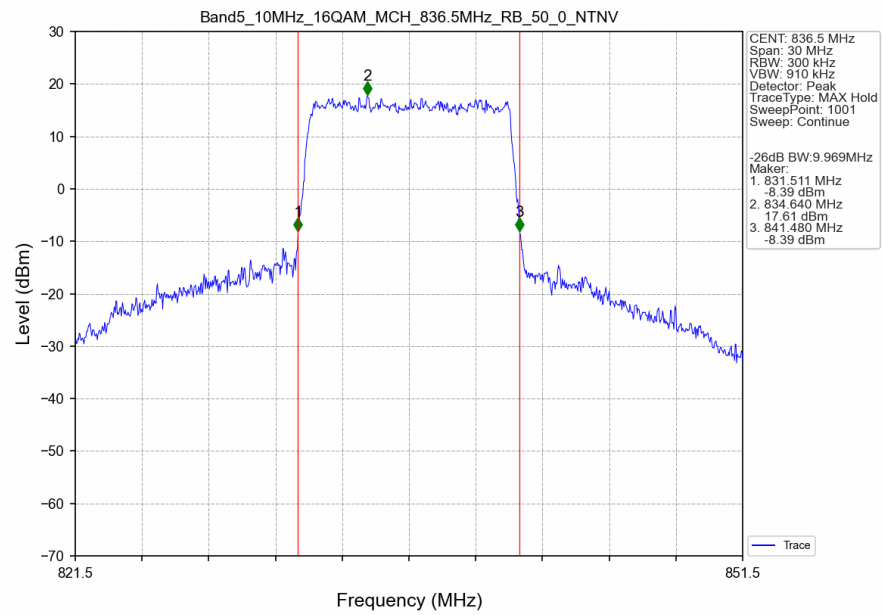
Band5_5MHz_256QAM_MCH_836.5MHz_RB_25_0_NTNV



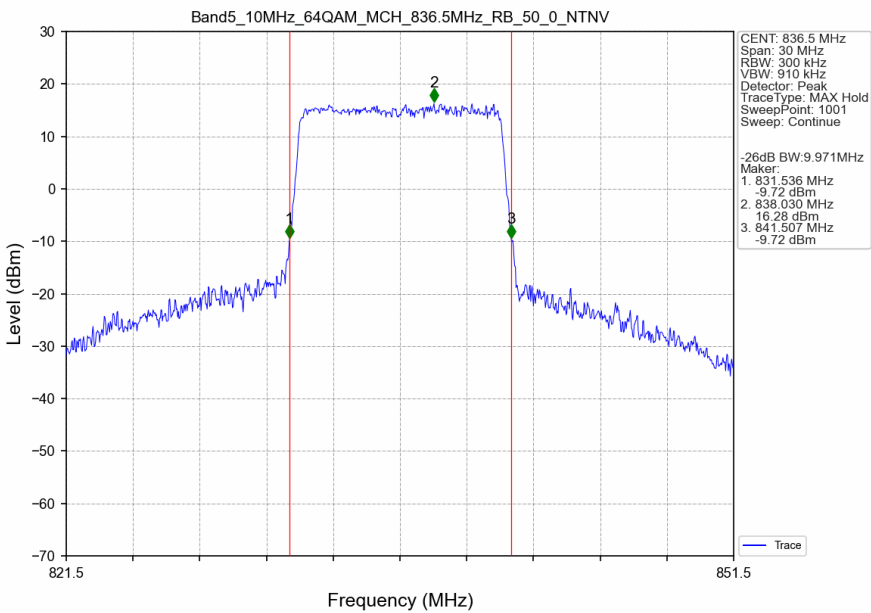
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



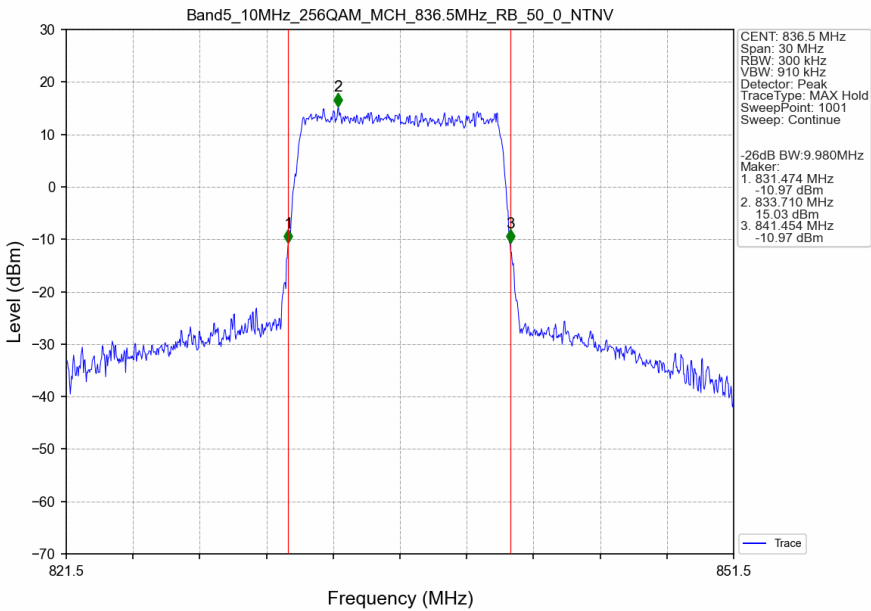
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

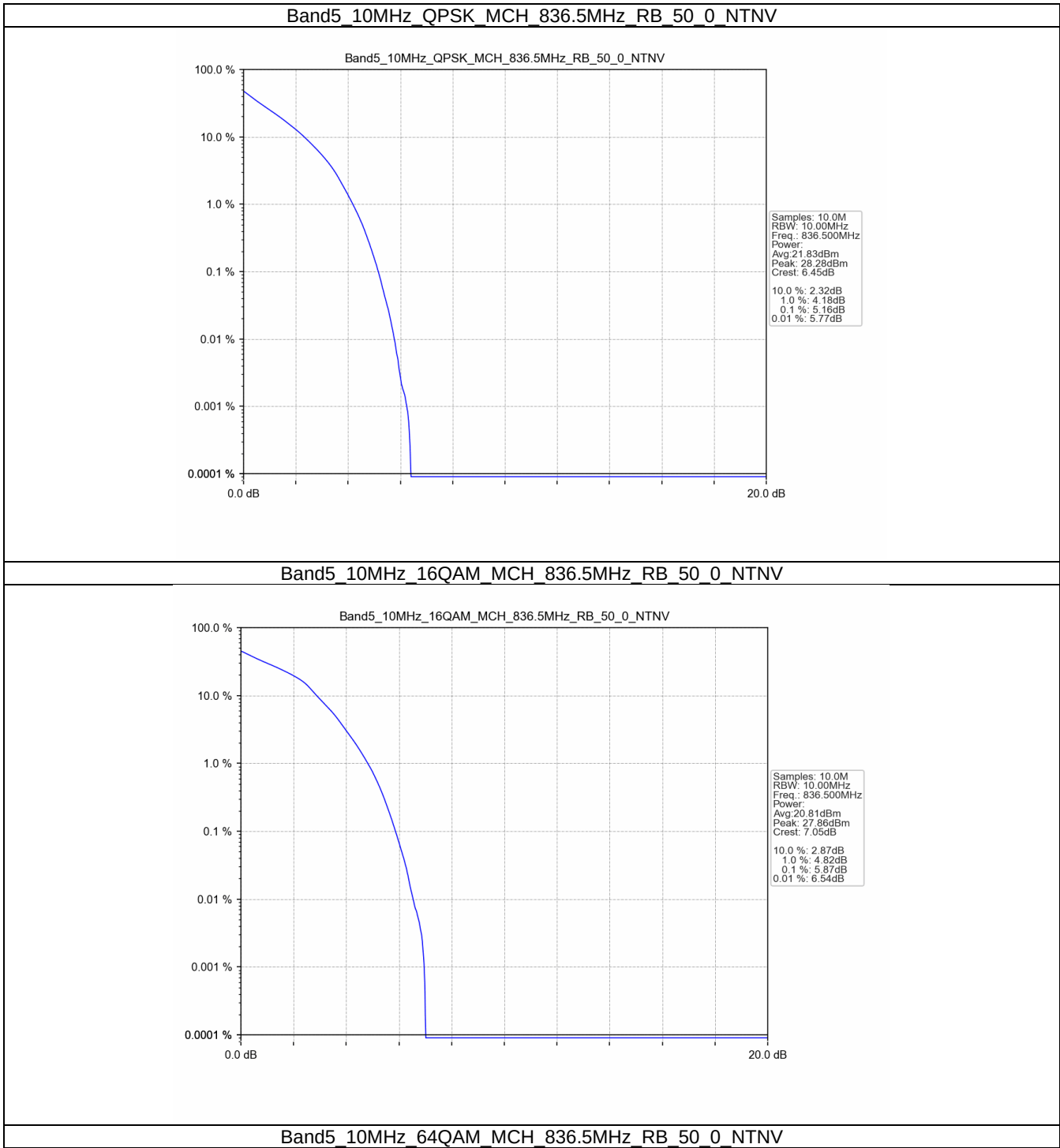
4.1 Test Result

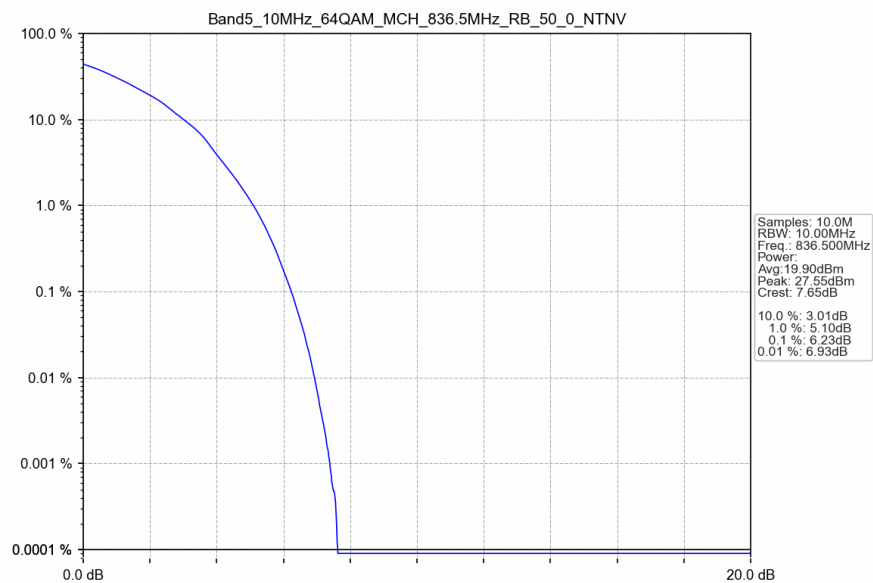
4.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.16	<=13	Pass
16QAM	836.5	50	0	5.87	<=13	Pass
64QAM	836.5	50	0	6.23	<=13	Pass
256QAM	836.5	50	0	6.70	<=13	Pass

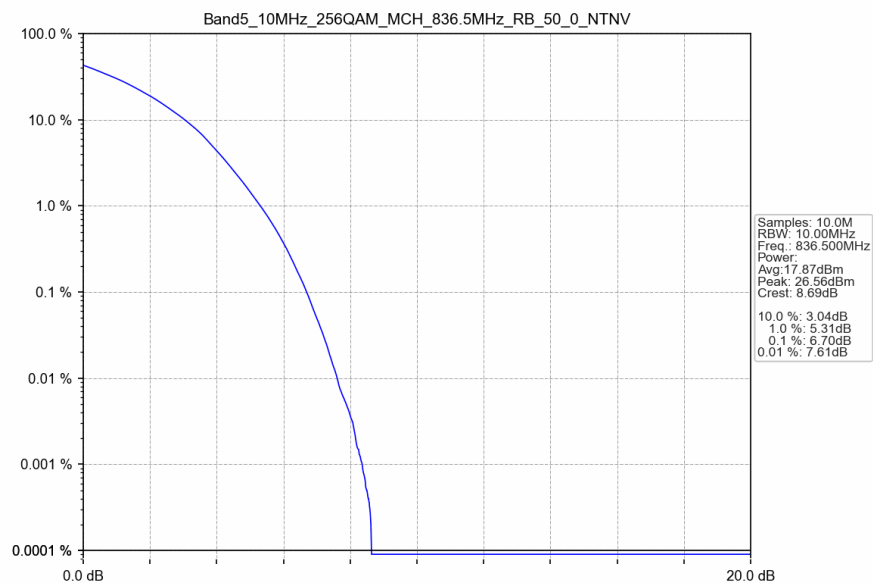
4.2 Test Graph

4.2.1 B5_10MHz





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

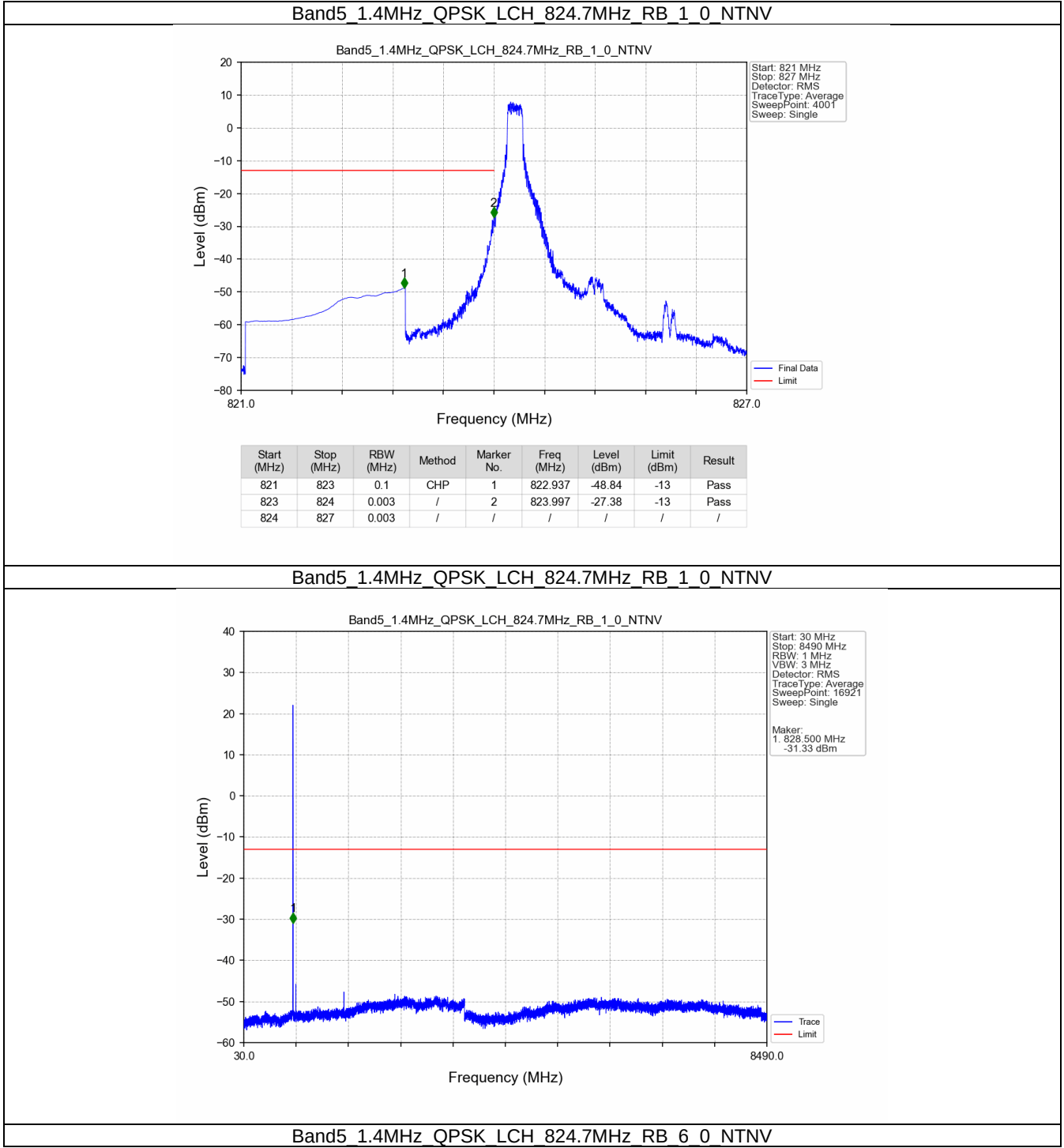
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

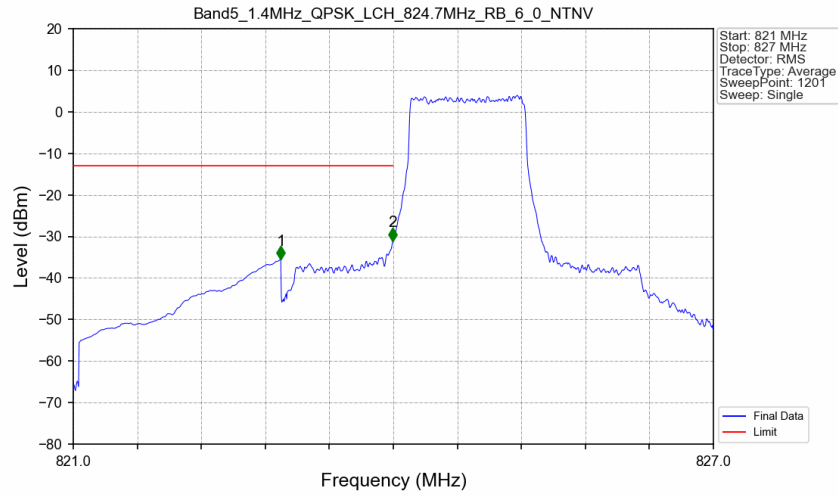
5.1.4 B5_10MHz

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

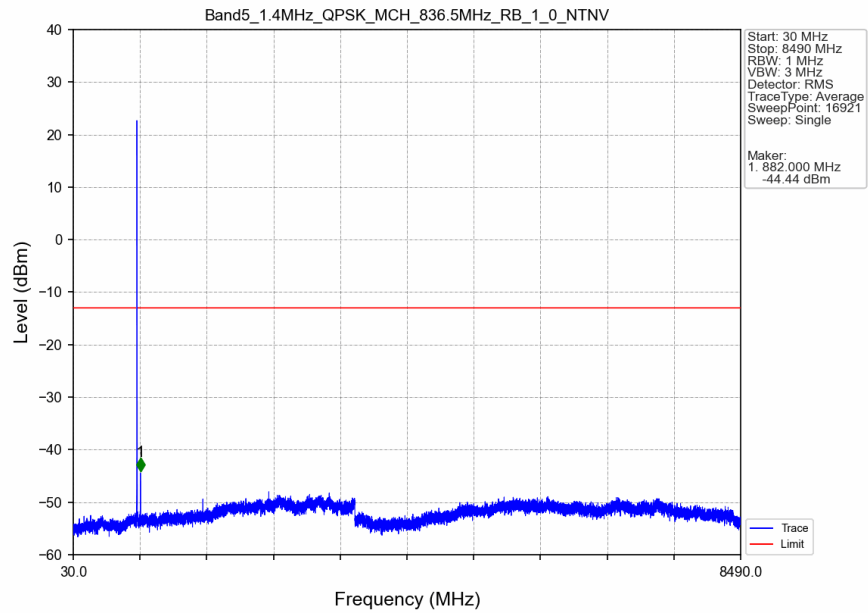
5.2.1 B5_1.4MHz



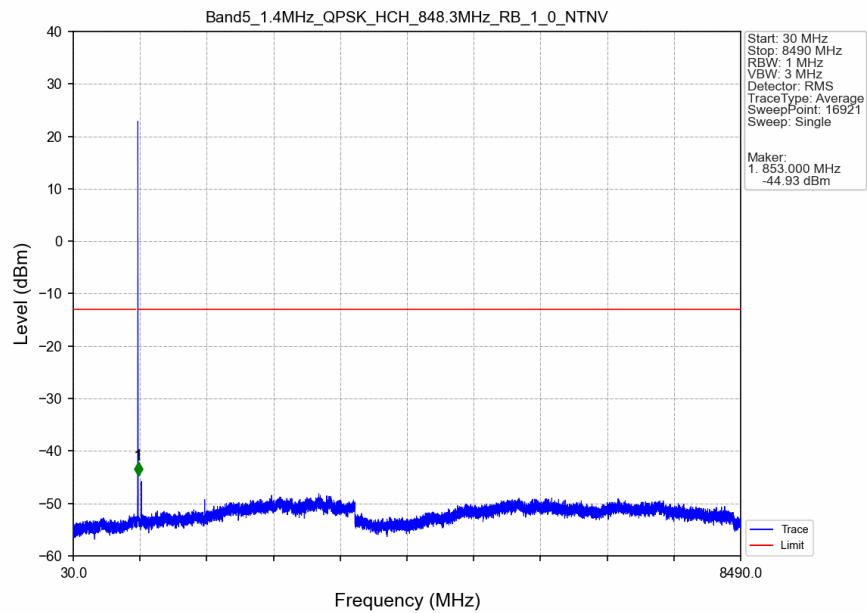


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-35.50	-13	Pass
823	824	0.013	CHP	2	823.995	-31.04	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

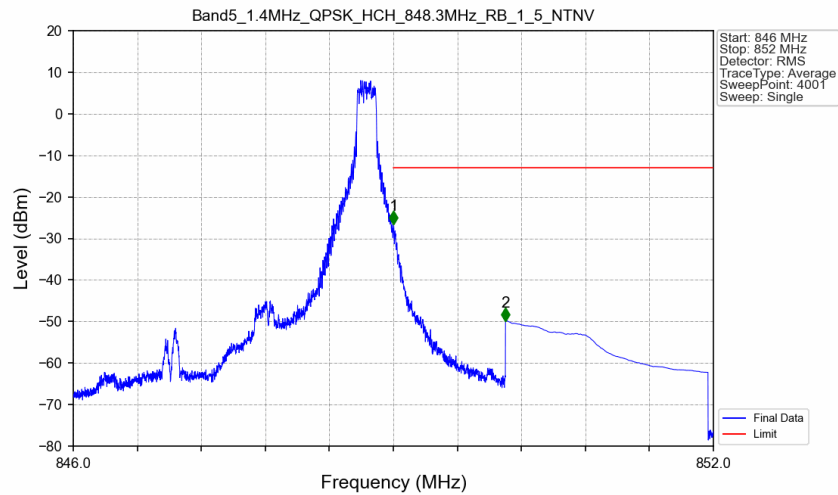
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB_1_0 NTN

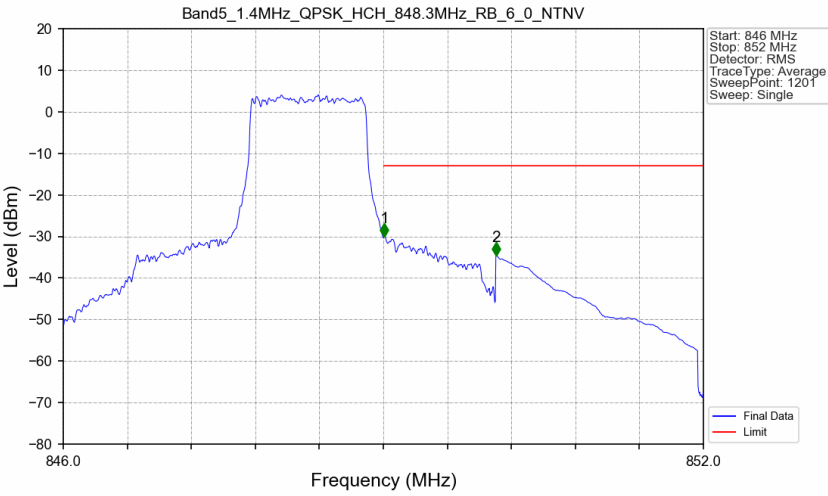


Band5 1.4MHz QPSK HCH 848.3MHz RB_1_5 NTN



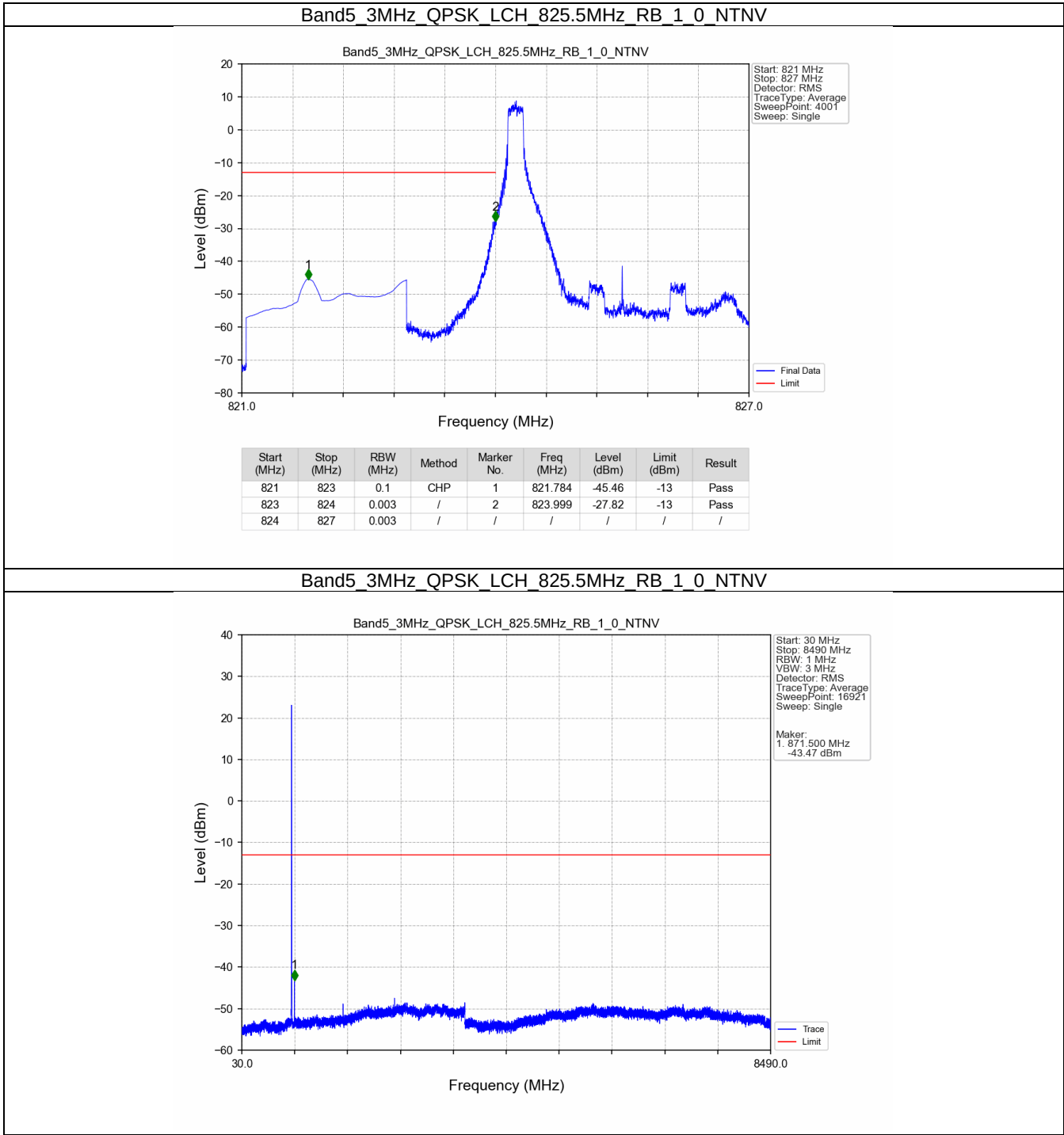
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-26.55	-13	Pass
850	852	0.1	CHP	2	850.052	-49.81	-13	Pass

Band5 1.4MHz QPSK_HCH 848.3MHz RB_6_0 NTN

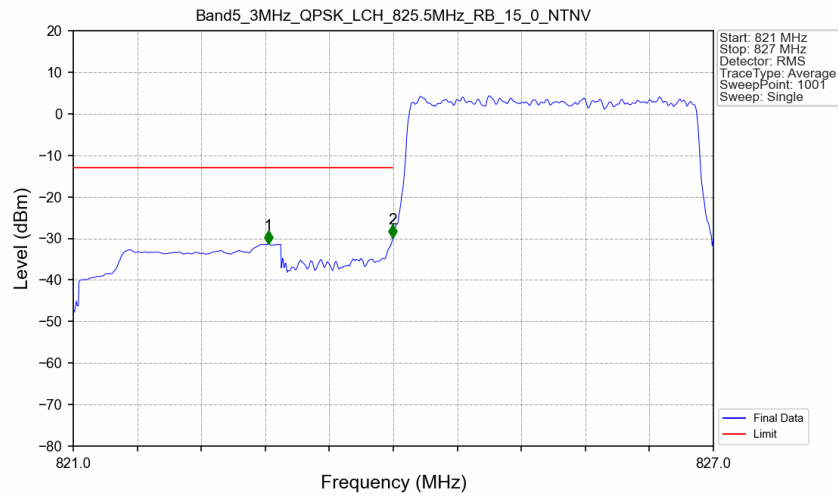


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.010	-29.95	-13	Pass
850	852	0.1	CHP	2	850.055	-34.59	-13	Pass

5.2.2 B5_3MHz

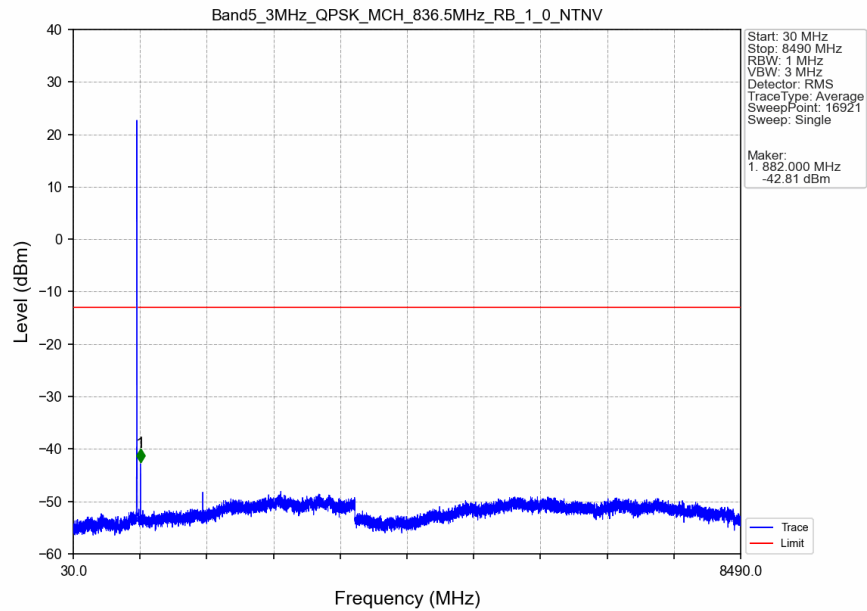


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

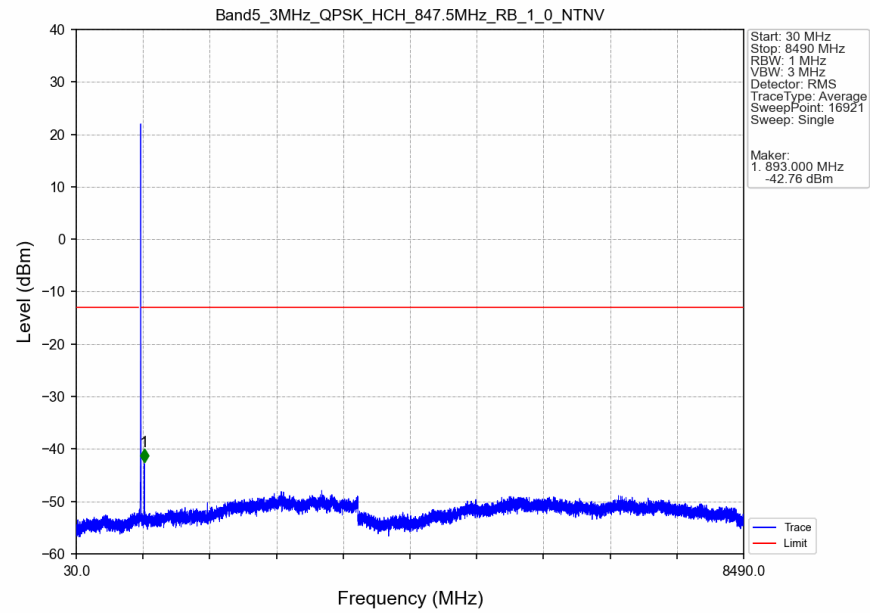


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.830	-31.37	-13	Pass
823	824	0.031	CHP	2	823.994	-29.94	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

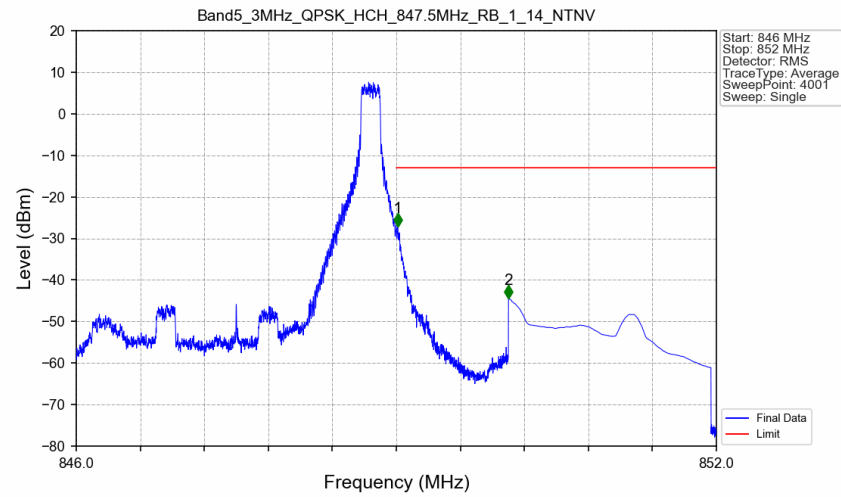
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

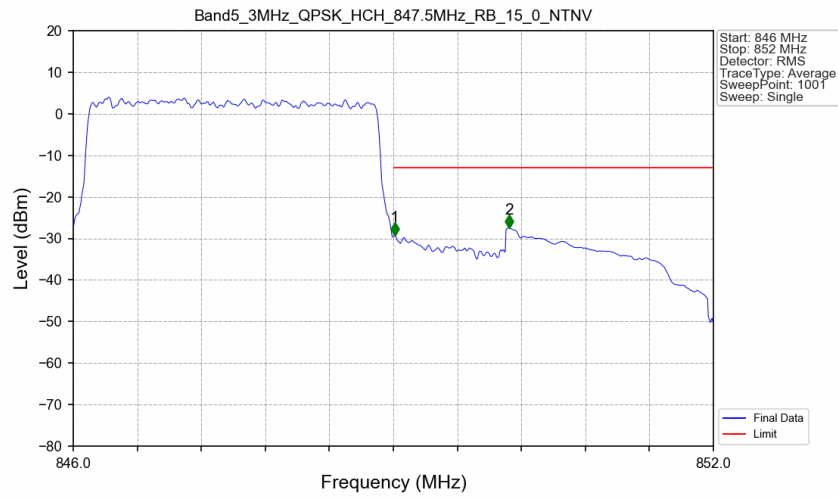


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



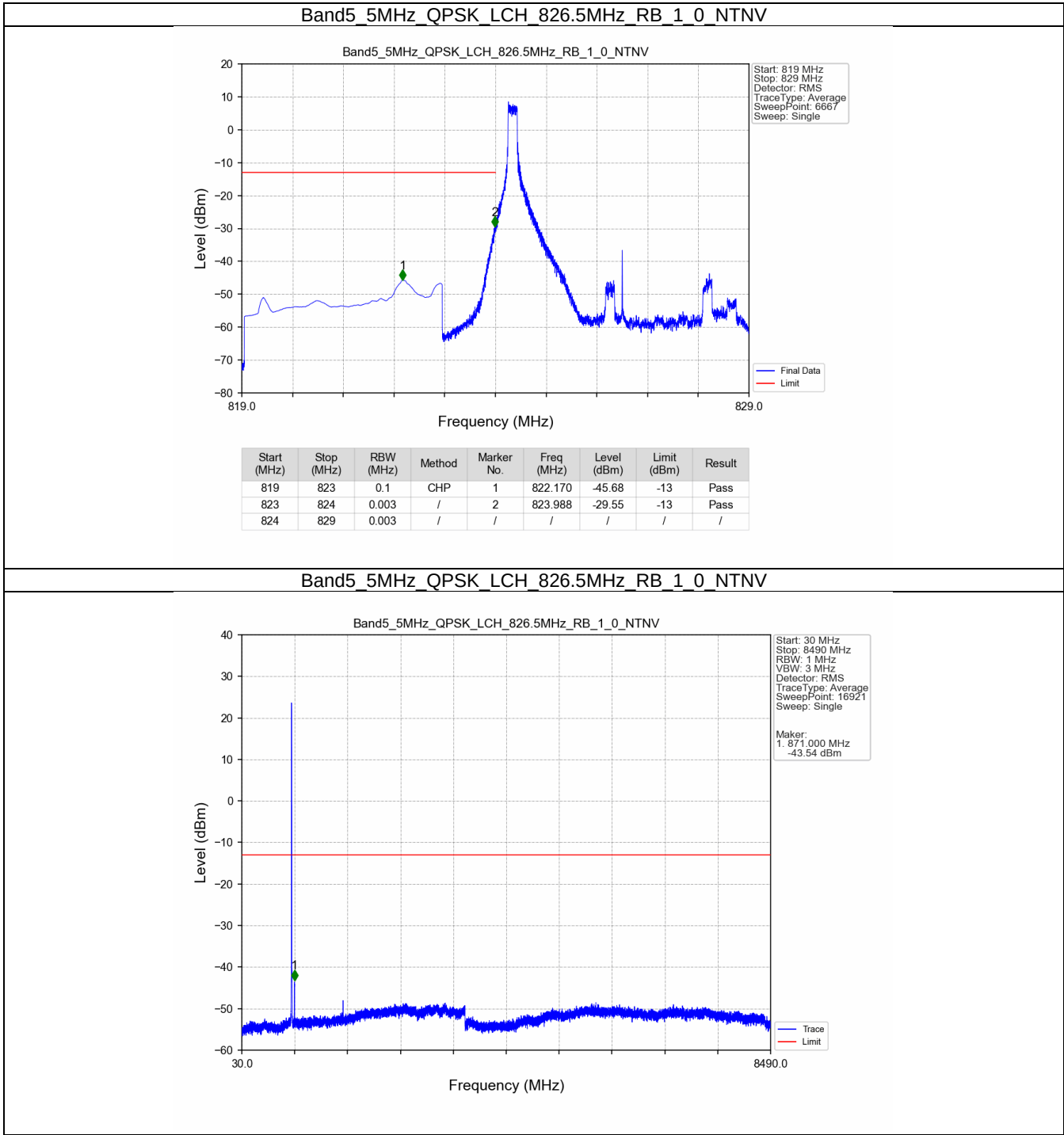
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-27.15	-13	Pass
850	852	0.1	CHP	2	850.052	-44.50	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

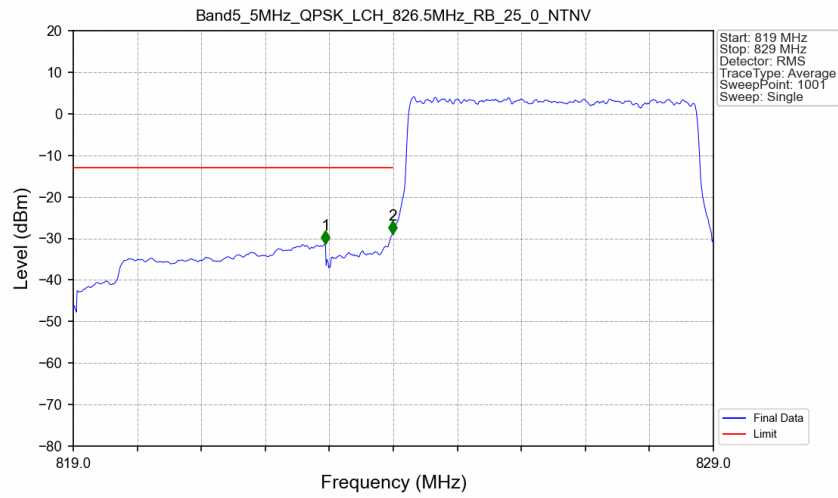


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.012	-29.36	-13	Pass
850	852	0.1	CHP	2	850.086	-27.45	-13	Pass

5.2.3 B5_5MHz

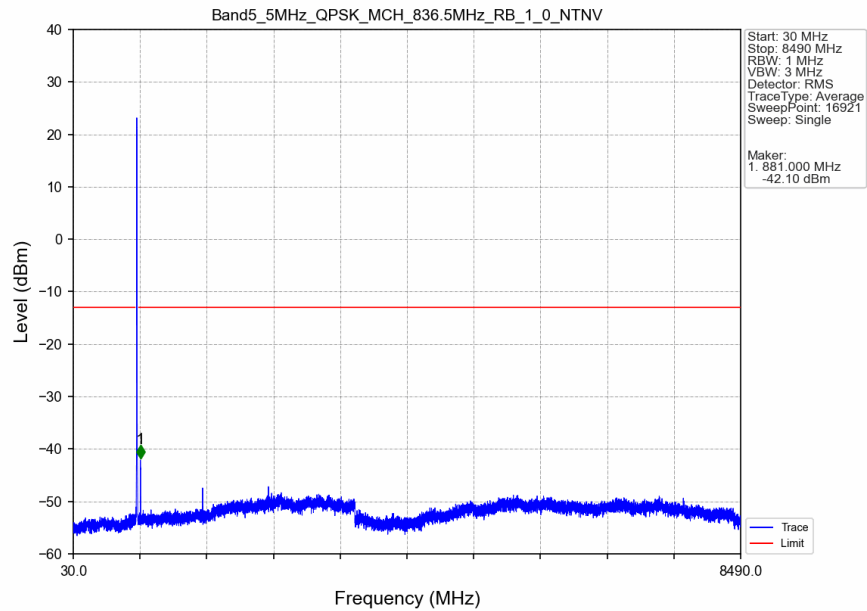


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

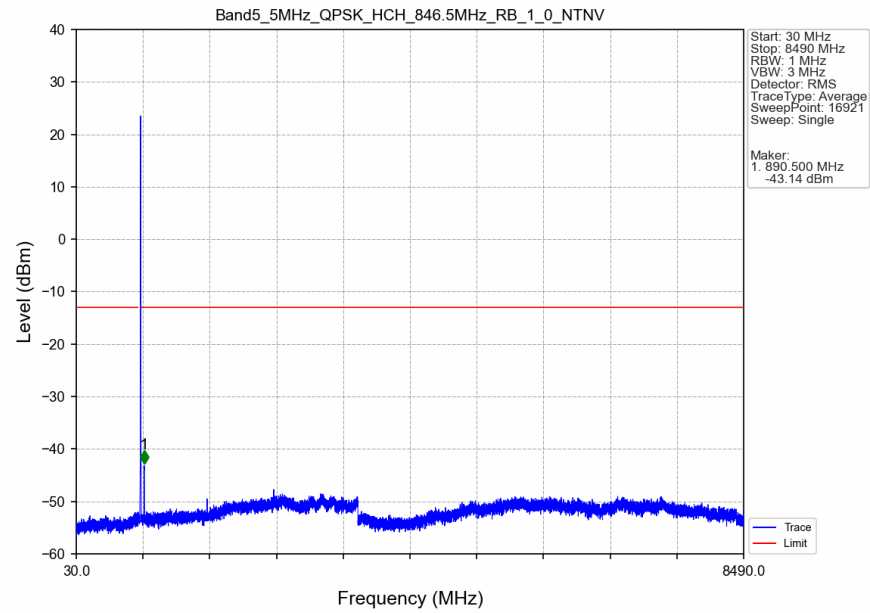


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-31.37	-13	Pass
823	824	0.05	CHP	2	823.990	-28.91	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

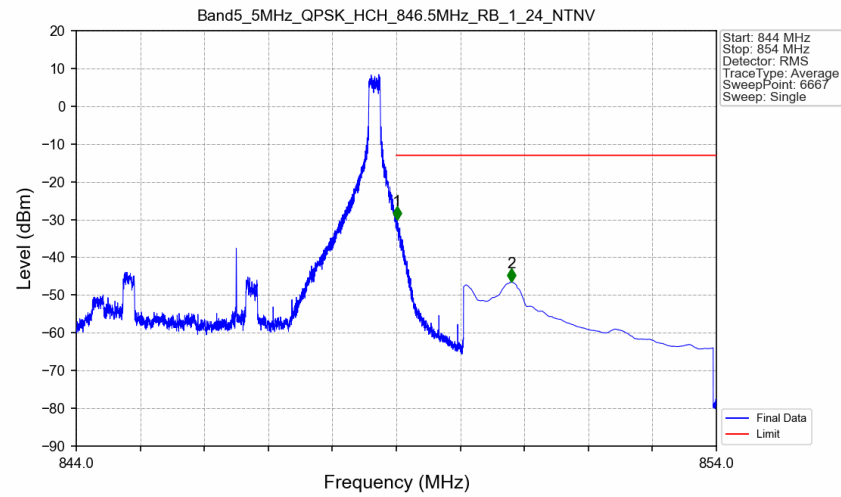
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

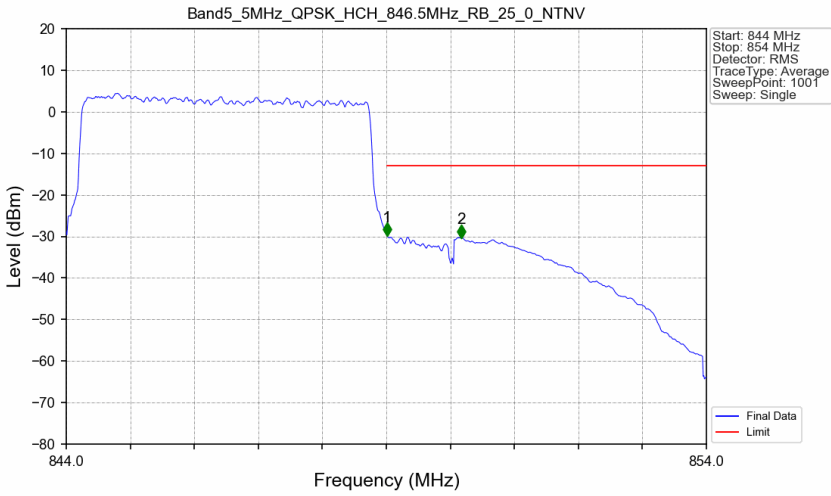


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



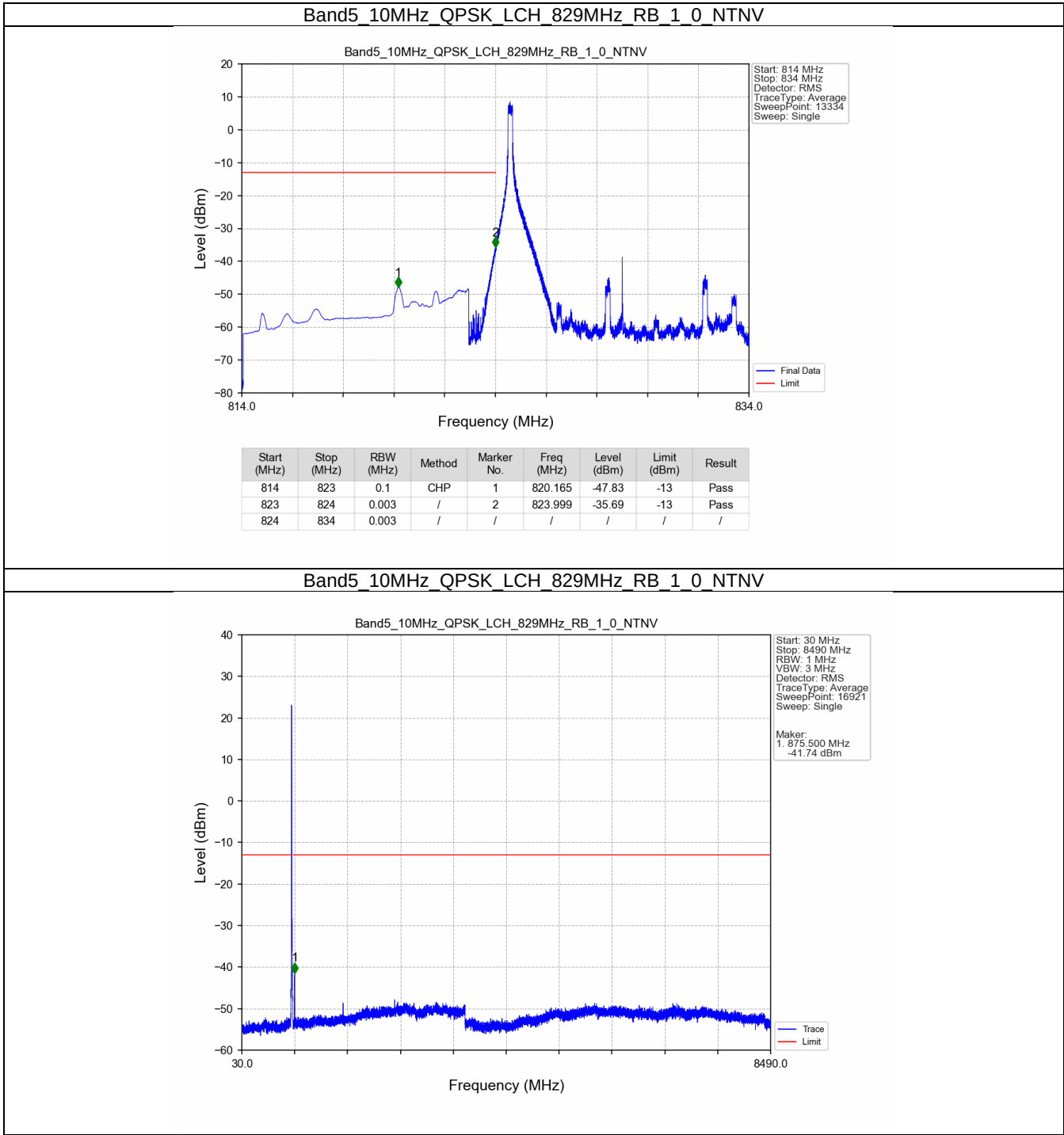
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-30.09	-13	Pass
850	854	0.1	CHP	2	850.796	-46.42	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

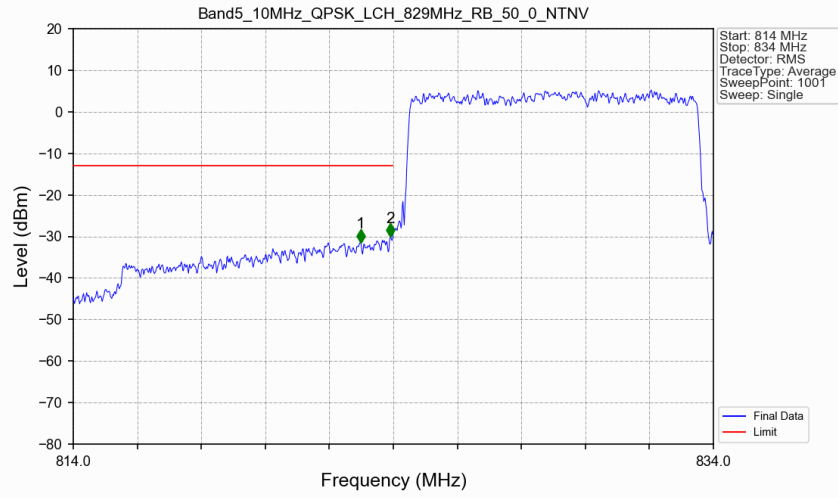


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-29.87	-13	Pass
850	854	0.1	CHP	2	850.170	-30.31	-13	Pass

5.2.4 B5_10MHz

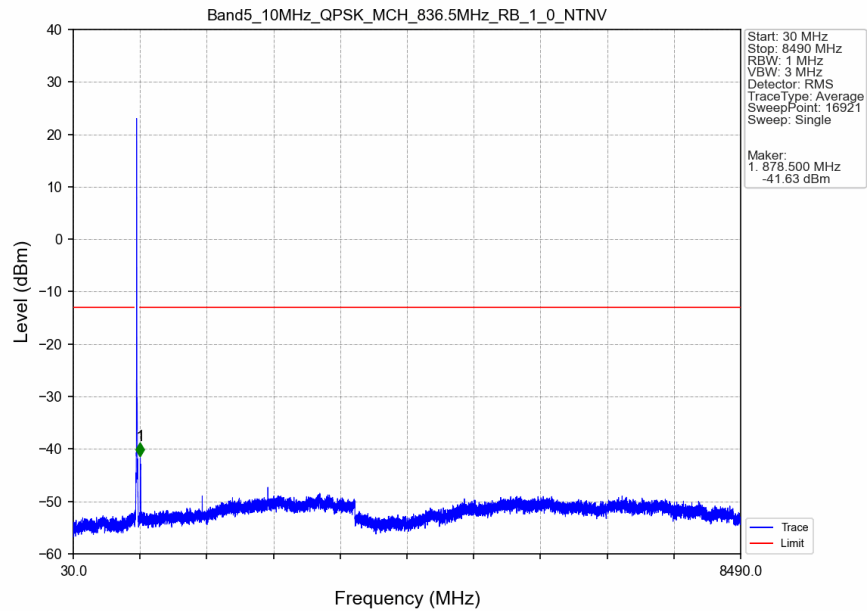


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

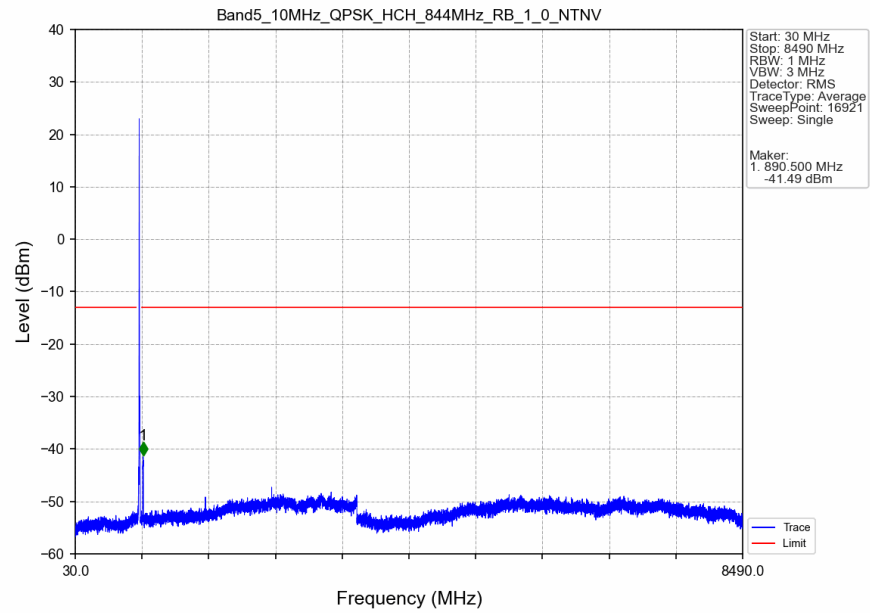


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.980	-31.40	-13	Pass
823	824	0.1	/	2	823.900	-30.07	-13	Pass
824	834	0.1	/	/	/	/	/	/

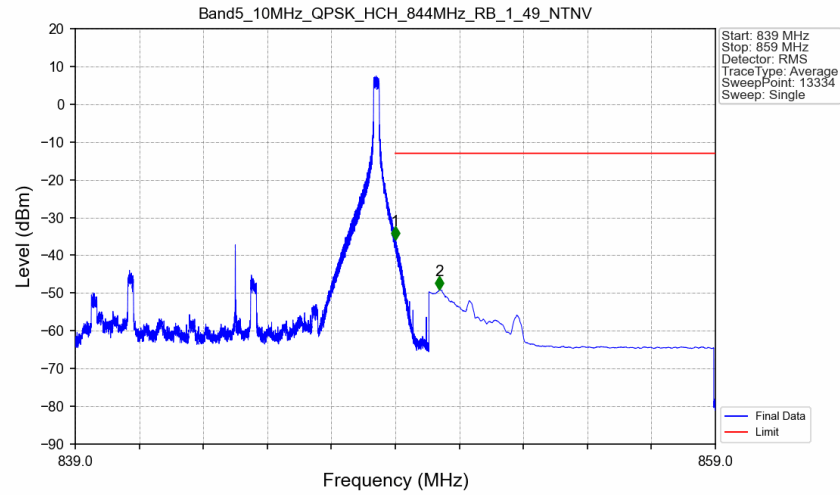
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

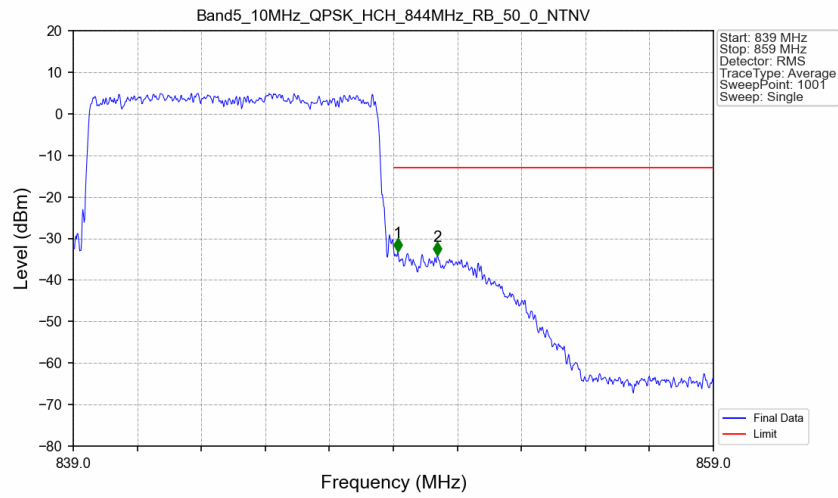


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	849.001	-35.92	-13	Pass
850	859	0.1	CHP	2	850.379	-49.08	-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	849.140	-33.20	-13	Pass
850	859	0.1	/	2	850.380	-33.98	-13	Pass