

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	23.45	-3.80	17.50	<=38.45	Pass
			2	23.43	-3.80	17.48	<=38.45	Pass
			5	23.49	-3.80	17.54	<=38.45	Pass
		3	0	23.48	-3.80	17.53	<=38.45	Pass
			2	23.45	-3.80	17.50	<=38.45	Pass
			3	23.51	-3.80	17.56	<=38.45	Pass
		6	0	22.47	-3.80	16.52	<=38.45	Pass
	836.5	1	0	23.40	-3.80	17.45	<=38.45	Pass
			2	23.35	-3.80	17.40	<=38.45	Pass
			5	23.39	-3.80	17.44	<=38.45	Pass
		3	0	23.38	-3.80	17.43	<=38.45	Pass
			2	23.40	-3.80	17.45	<=38.45	Pass
			3	23.37	-3.80	17.42	<=38.45	Pass
		6	0	22.39	-3.80	16.44	<=38.45	Pass
	848.3	1	0	23.32	-3.80	17.37	<=38.45	Pass
			2	23.30	-3.80	17.35	<=38.45	Pass
			5	23.32	-3.80	17.37	<=38.45	Pass
		3	0	23.30	-3.80	17.35	<=38.45	Pass
			2	23.32	-3.80	17.37	<=38.45	Pass
			3	23.32	-3.80	17.37	<=38.45	Pass
		6	0	22.30	-3.80	16.35	<=38.45	Pass
16QAM	824.7	1	0	22.49	-3.80	16.54	<=38.45	Pass
			2	22.44	-3.80	16.49	<=38.45	Pass
			5	22.52	-3.80	16.57	<=38.45	Pass
		3	0	22.50	-3.80	16.55	<=38.45	Pass
			2	22.51	-3.80	16.56	<=38.45	Pass
			3	22.52	-3.80	16.57	<=38.45	Pass
		6	0	21.36	-3.80	15.41	<=38.45	Pass
	836.5	1	0	22.57	-3.80	16.62	<=38.45	Pass
			2	22.55	-3.80	16.60	<=38.45	Pass
			5	22.55	-3.80	16.60	<=38.45	Pass
		3	0	22.40	-3.80	16.45	<=38.45	Pass
			2	22.37	-3.80	16.42	<=38.45	Pass
			3	22.38	-3.80	16.43	<=38.45	Pass
		6	0	21.36	-3.80	15.41	<=38.45	Pass
	848.3	1	0	22.34	-3.80	16.39	<=38.45	Pass
			2	22.30	-3.80	16.35	<=38.45	Pass
			5	22.36	-3.80	16.41	<=38.45	Pass
		3	0	22.33	-3.80	16.38	<=38.45	Pass
			2	22.35	-3.80	16.40	<=38.45	Pass
			3	22.36	-3.80	16.41	<=38.45	Pass
		6	0	21.21	-3.80	15.26	<=38.45	Pass
64QAM	824.7	1	0	21.84	-3.80	15.89	<=38.45	Pass
			2	21.86	-3.80	15.91	<=38.45	Pass
			5	21.87	-3.80	15.92	<=38.45	Pass
		3	0	21.65	-3.80	15.70	<=38.45	Pass
			2	21.64	-3.80	15.69	<=38.45	Pass
			3	21.65	-3.80	15.70	<=38.45	Pass

	836.5	6	0	20.48	-3.80	14.53	<=38.45	Pass
		1	0	21.52	-3.80	15.57	<=38.45	Pass
			2	21.50	-3.80	15.55	<=38.45	Pass
			5	21.48	-3.80	15.53	<=38.45	Pass
		3	0	21.60	-3.80	15.65	<=38.45	Pass
			2	21.60	-3.80	15.65	<=38.45	Pass
			3	21.58	-3.80	15.63	<=38.45	Pass
		6	0	20.59	-3.80	14.64	<=38.45	Pass
	848.3	1	0	21.23	-3.80	15.28	<=38.45	Pass
			2	21.17	-3.80	15.22	<=38.45	Pass
			5	21.25	-3.80	15.30	<=38.45	Pass
			0	21.24	-3.80	15.29	<=38.45	Pass
		3	2	21.24	-3.80	15.29	<=38.45	Pass
			3	21.23	-3.80	15.28	<=38.45	Pass
			0	20.39	-3.80	14.44	<=38.45	Pass
		6	0	20.39	-3.80	14.44	<=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	23.47	-3.80	17.52	<=38.45	Pass
			7	23.49	-3.80	17.54	<=38.45	Pass
			14	23.46	-3.80	17.51	<=38.45	Pass
		8	0	22.48	-3.80	16.53	<=38.45	Pass
			4	22.47	-3.80	16.52	<=38.45	Pass
			7	22.49	-3.80	16.54	<=38.45	Pass
		15	0	22.47	-3.80	16.52	<=38.45	Pass
	836.5	1	0	23.42	-3.80	17.47	<=38.45	Pass
			7	23.40	-3.80	17.45	<=38.45	Pass
			14	23.37	-3.80	17.42	<=38.45	Pass
		8	0	22.42	-3.80	16.47	<=38.45	Pass
			4	22.39	-3.80	16.44	<=38.45	Pass
			7	22.38	-3.80	16.43	<=38.45	Pass
		15	0	22.37	-3.80	16.42	<=38.45	Pass
	847.5	1	0	23.34	-3.80	17.39	<=38.45	Pass
			7	23.32	-3.80	17.37	<=38.45	Pass
			14	23.33	-3.80	17.38	<=38.45	Pass
		8	0	22.35	-3.80	16.40	<=38.45	Pass
			4	22.30	-3.80	16.35	<=38.45	Pass
			7	22.32	-3.80	16.37	<=38.45	Pass
		15	0	22.32	-3.80	16.37	<=38.45	Pass
16QAM	825.5	1	0	23.02	-3.80	17.07	<=38.45	Pass
			7	23.04	-3.80	17.09	<=38.45	Pass
			14	22.98	-3.80	17.03	<=38.45	Pass
		8	0	21.65	-3.80	15.70	<=38.45	Pass
			4	21.62	-3.80	15.67	<=38.45	Pass
			7	21.65	-3.80	15.70	<=38.45	Pass
		15	0	21.57	-3.80	15.62	<=38.45	Pass
	836.5	1	0	22.62	-3.80	16.67	<=38.45	Pass
			7	22.60	-3.80	16.65	<=38.45	Pass
			14	22.55	-3.80	16.60	<=38.45	Pass
		8	0	21.41	-3.80	15.46	<=38.45	Pass
			4	21.38	-3.80	15.43	<=38.45	Pass
			7	21.36	-3.80	15.41	<=38.45	Pass

	847.5	15	0	21.35	-3.80	15.40	<=38.45	Pass
		1	0	22.38	-3.80	16.43	<=38.45	Pass
			7	22.38	-3.80	16.43	<=38.45	Pass
			14	22.34	-3.80	16.39	<=38.45	Pass
		8	0	21.43	-3.80	15.48	<=38.45	Pass
			4	21.41	-3.80	15.46	<=38.45	Pass
			7	21.40	-3.80	15.45	<=38.45	Pass
			15	21.38	-3.80	15.43	<=38.45	Pass
64QAM	825.5	1	0	21.70	-3.80	15.75	<=38.45	Pass
			7	21.75	-3.80	15.80	<=38.45	Pass
			14	21.70	-3.80	15.75	<=38.45	Pass
			15	20.53	-3.80	14.58	<=38.45	Pass
		8	0	20.71	-3.80	14.76	<=38.45	Pass
			4	20.68	-3.80	14.73	<=38.45	Pass
			7	20.71	-3.80	14.76	<=38.45	Pass
			15	20.53	-3.80	14.58	<=38.45	Pass
	836.5	1	0	21.51	-3.80	15.56	<=38.45	Pass
			7	21.52	-3.80	15.57	<=38.45	Pass
			14	21.48	-3.80	15.53	<=38.45	Pass
			15	20.58	-3.80	14.63	<=38.45	Pass
		8	0	20.35	-3.80	14.40	<=38.45	Pass
			4	20.29	-3.80	14.34	<=38.45	Pass
			7	20.32	-3.80	14.37	<=38.45	Pass
			15	20.58	-3.80	14.63	<=38.45	Pass
	847.5	1	0	21.29	-3.80	15.34	<=38.45	Pass
			7	21.27	-3.80	15.32	<=38.45	Pass
			14	21.22	-3.80	15.27	<=38.45	Pass
			15	20.41	-3.80	14.46	<=38.45	Pass
		8	0	20.37	-3.80	14.42	<=38.45	Pass
			4	20.34	-3.80	14.39	<=38.45	Pass
			7	20.34	-3.80	14.39	<=38.45	Pass
			15	20.41	-3.80	14.46	<=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	23.54	-3.80	17.59	<=38.45	Pass
			13	23.56	-3.80	17.61	<=38.45	Pass
			24	23.52	-3.80	17.57	<=38.45	Pass
		12	0	22.49	-3.80	16.54	<=38.45	Pass
			6	22.48	-3.80	16.53	<=38.45	Pass
			13	22.47	-3.80	16.52	<=38.45	Pass
		25	0	22.51	-3.80	16.56	<=38.45	Pass
	836.5	1	0	23.51	-3.80	17.56	<=38.45	Pass
			13	23.43	-3.80	17.48	<=38.45	Pass
			24	23.44	-3.80	17.49	<=38.45	Pass
		12	0	22.46	-3.80	16.51	<=38.45	Pass
			6	22.43	-3.80	16.48	<=38.45	Pass
			13	22.39	-3.80	16.44	<=38.45	Pass
		25	0	22.46	-3.80	16.51	<=38.45	Pass
	846.5	1	0	23.45	-3.80	17.50	<=38.45	Pass
			13	23.40	-3.80	17.45	<=38.45	Pass
			24	23.39	-3.80	17.44	<=38.45	Pass
		12	0	22.35	-3.80	16.40	<=38.45	Pass
			6	22.31	-3.80	16.36	<=38.45	Pass
			13	22.31	-3.80	16.36	<=38.45	Pass
			15	20.41	-3.80	14.46	<=38.45	Pass

		25	0	22.35	-3.80	16.40	<=38.45	Pass	
16QAM	826.5	1	0	22.32	-3.80	16.37	<=38.45	Pass	
			13	22.33	-3.80	16.38	<=38.45	Pass	
			24	22.32	-3.80	16.37	<=38.45	Pass	
			0	21.51	-3.80	15.56	<=38.45	Pass	
		12	6	21.51	-3.80	15.56	<=38.45	Pass	
			13	21.48	-3.80	15.53	<=38.45	Pass	
			25	0	21.55	-3.80	15.60	<=38.45	Pass
		836.5	1	0	22.75	-3.80	16.80	<=38.45	Pass
				13	22.71	-3.80	16.76	<=38.45	Pass
				24	22.67	-3.80	16.72	<=38.45	Pass
	0			21.50	-3.80	15.55	<=38.45	Pass	
	12		6	21.47	-3.80	15.52	<=38.45	Pass	
			13	21.44	-3.80	15.49	<=38.45	Pass	
			25	0	21.44	-3.80	15.49	<=38.45	Pass
	846.5		1	0	22.50	-3.80	16.55	<=38.45	Pass
				13	22.47	-3.80	16.52	<=38.45	Pass
				24	22.46	-3.80	16.51	<=38.45	Pass
		0		21.38	-3.80	15.43	<=38.45	Pass	
		12	6	21.34	-3.80	15.39	<=38.45	Pass	
			13	21.31	-3.80	15.36	<=38.45	Pass	
			25	0	21.39	-3.80	15.44	<=38.45	Pass
		64QAM	826.5	1	0	21.46	-3.80	15.51	<=38.45
	13				21.45	-3.80	15.50	<=38.45	Pass
	24				21.43	-3.80	15.48	<=38.45	Pass
0	20.48				-3.80	14.53	<=38.45	Pass	
12	6			20.49	-3.80	14.54	<=38.45	Pass	
	13			20.45	-3.80	14.50	<=38.45	Pass	
	25			0	20.54	-3.80	14.59	<=38.45	Pass
836.5	1			0	21.64	-3.80	15.69	<=38.45	Pass
			13	21.61	-3.80	15.66	<=38.45	Pass	
			24	21.59	-3.80	15.64	<=38.45	Pass	
			0	20.49	-3.80	14.54	<=38.45	Pass	
	12		6	20.45	-3.80	14.50	<=38.45	Pass	
			13	20.43	-3.80	14.48	<=38.45	Pass	
			25	0	20.50	-3.80	14.55	<=38.45	Pass
	846.5		1	0	21.57	-3.80	15.62	<=38.45	Pass
13				21.52	-3.80	15.57	<=38.45	Pass	
24				21.52	-3.80	15.57	<=38.45	Pass	
0				20.53	-3.80	14.58	<=38.45	Pass	
12			6	20.49	-3.80	14.54	<=38.45	Pass	
			13	20.49	-3.80	14.54	<=38.45	Pass	
			25	0	20.35	-3.80	14.40	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15									

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	23.45	-3.80	17.50	<=38.45	Pass
			25	23.38	-3.80	17.43	<=38.45	Pass
			49	23.42	-3.80	17.47	<=38.45	Pass
		25	0	22.49	-3.80	16.54	<=38.45	Pass
			13	22.42	-3.80	16.47	<=38.45	Pass
			25	22.40	-3.80	16.45	<=38.45	Pass

		50	0	22.41	-3.80	16.46	<=38.45	Pass
	836.5	1	0	23.41	-3.80	17.46	<=38.45	Pass
			25	23.36	-3.80	17.41	<=38.45	Pass
			49	23.34	-3.80	17.39	<=38.45	Pass
			0	22.45	-3.80	16.50	<=38.45	Pass
		25	13	22.41	-3.80	16.46	<=38.45	Pass
			25	22.35	-3.80	16.40	<=38.45	Pass
	50	0	22.38	-3.80	16.43	<=38.45	Pass	
	844	1	0	23.37	-3.80	17.42	<=38.45	Pass
			25	23.32	-3.80	17.37	<=38.45	Pass
			49	23.30	-3.80	17.35	<=38.45	Pass
			0	22.36	-3.80	16.41	<=38.45	Pass
		25	13	22.31	-3.80	16.36	<=38.45	Pass
			25	22.28	-3.80	16.33	<=38.45	Pass
50	0		22.31	-3.80	16.36	<=38.45	Pass	
16QAM	829	1	0	23.01	-3.80	17.06	<=38.45	Pass
			25	22.94	-3.80	16.99	<=38.45	Pass
			49	22.95	-3.80	17.00	<=38.45	Pass
		25	0	21.54	-3.80	15.59	<=38.45	Pass
			13	21.51	-3.80	15.56	<=38.45	Pass
			25	21.45	-3.80	15.50	<=38.45	Pass
	50	0	21.46	-3.80	15.51	<=38.45	Pass	
	836.5	1	0	22.57	-3.80	16.62	<=38.45	Pass
			25	22.53	-3.80	16.58	<=38.45	Pass
			49	22.49	-3.80	16.54	<=38.45	Pass
		25	0	21.47	-3.80	15.52	<=38.45	Pass
			13	21.40	-3.80	15.45	<=38.45	Pass
			25	21.36	-3.80	15.41	<=38.45	Pass
	50	0	21.40	-3.80	15.45	<=38.45	Pass	
	844	1	0	22.37	-3.80	16.42	<=38.45	Pass
			25	22.34	-3.80	16.39	<=38.45	Pass
			49	22.32	-3.80	16.37	<=38.45	Pass
		25	0	21.46	-3.80	15.51	<=38.45	Pass
			13	21.43	-3.80	15.48	<=38.45	Pass
			25	21.39	-3.80	15.44	<=38.45	Pass
	50	0	21.35	-3.80	15.40	<=38.45	Pass	
64QAM	829	1	0	21.70	-3.80	15.75	<=38.45	Pass
			25	21.64	-3.80	15.69	<=38.45	Pass
			49	21.64	-3.80	15.69	<=38.45	Pass
		25	0	20.55	-3.80	14.60	<=38.45	Pass
			13	20.51	-3.80	14.56	<=38.45	Pass
			25	20.48	-3.80	14.53	<=38.45	Pass
	50	0	20.49	-3.80	14.54	<=38.45	Pass	
	836.5	1	0	21.53	-3.80	15.58	<=38.45	Pass
			25	21.49	-3.80	15.54	<=38.45	Pass
			49	21.46	-3.80	15.51	<=38.45	Pass
		25	0	20.58	-3.80	14.63	<=38.45	Pass
			13	20.52	-3.80	14.57	<=38.45	Pass
			25	20.47	-3.80	14.52	<=38.45	Pass
	50	0	20.47	-3.80	14.52	<=38.45	Pass	
	844	1	0	21.30	-3.80	15.35	<=38.45	Pass
			25	21.23	-3.80	15.28	<=38.45	Pass
			49	21.21	-3.80	15.26	<=38.45	Pass
		25	0	20.47	-3.80	14.52	<=38.45	Pass
13			20.43	-3.80	14.48	<=38.45	Pass	
25			20.39	-3.80	14.44	<=38.45	Pass	
50	0	20.39	-3.80	14.44	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2 15								

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	3.27	-2.921	-0.0035	-2.5 to 2.5	Pass
					3.85	-6.420	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.557	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-1.439	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.587	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.318	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-1.005	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.503	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.371	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.853	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-3.632	-0.0043	-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	1.095	/	Pass
	16QAM	836.5	6	0	1.102	/	Pass
	64QAM	836.5	6	0	1.095	/	Pass
3	QPSK	836.5	15	0	2.737	/	Pass
	16QAM	836.5	15	0	2.745	/	Pass
	64QAM	836.5	15	0	2.746	/	Pass
5	QPSK	836.5	25	0	4.518	/	Pass
	16QAM	836.5	25	0	4.508	/	Pass
	64QAM	836.5	25	0	4.517	/	Pass
10	QPSK	836.5	50	0	9.004	/	Pass
	16QAM	836.5	50	0	9.026	/	Pass
	64QAM	836.5	50	0	8.996	/	Pass

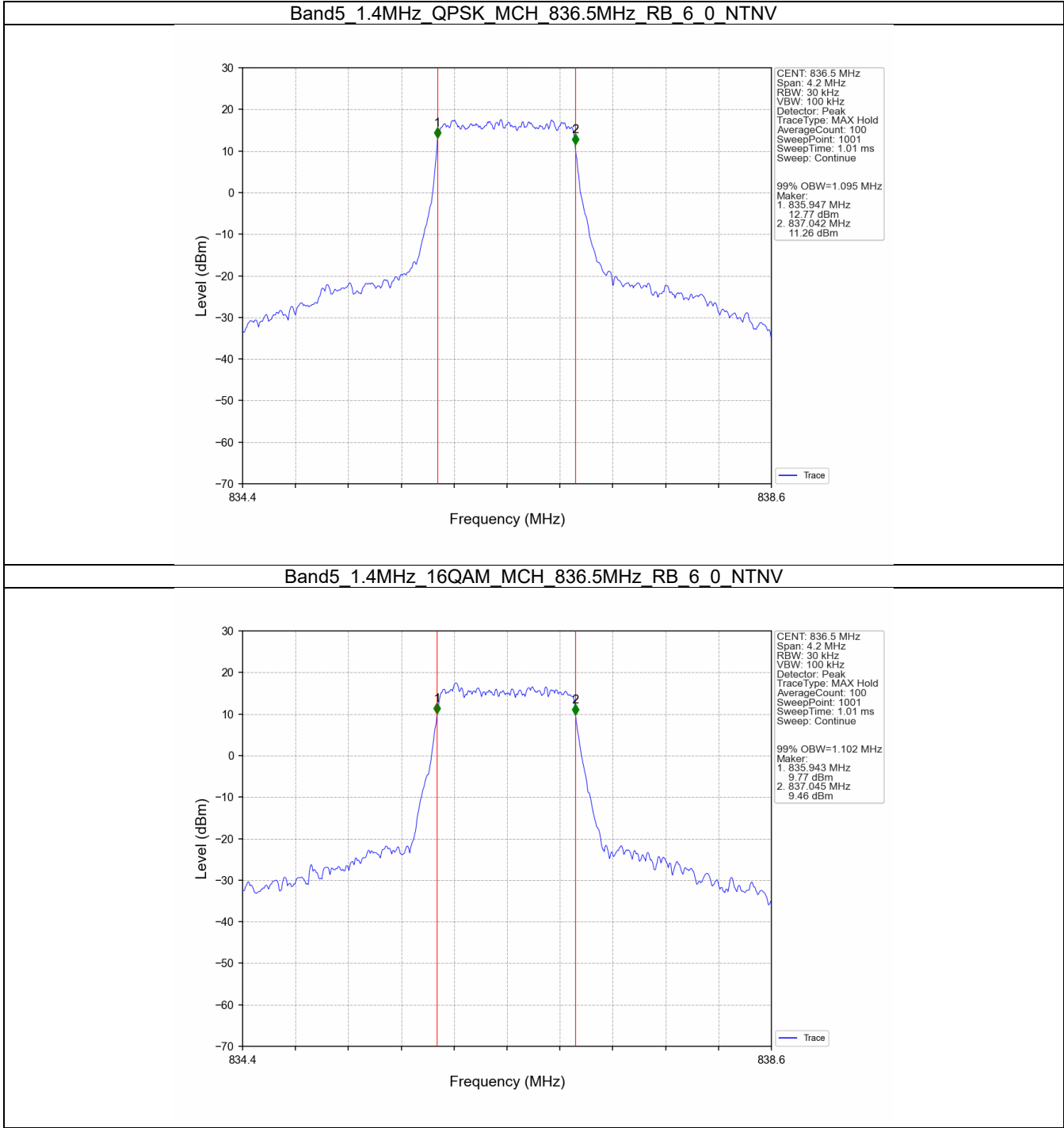
3.1.2 Band5_XDB

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	1.296	/	Pass
	16QAM	836.5	6	0	1.312	/	Pass

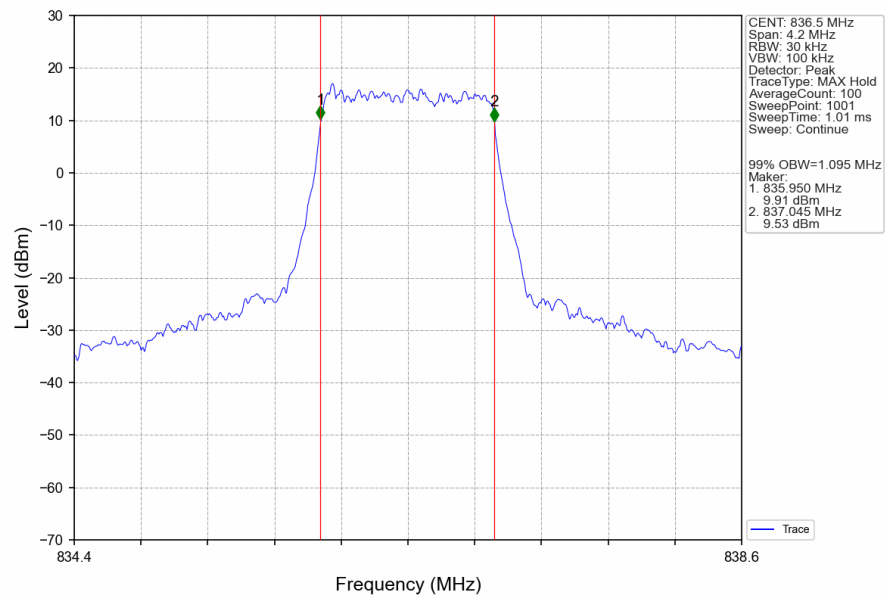
	64QAM	836.5	6	0	1.281	/	Pass
3	QPSK	836.5	15	0	3.033	/	Pass
	16QAM	836.5	15	0	3.051	/	Pass
	64QAM	836.5	15	0	3.020	/	Pass
5	QPSK	836.5	25	0	5.006	/	Pass
	16QAM	836.5	25	0	4.970	/	Pass
	64QAM	836.5	25	0	4.968	/	Pass
10	QPSK	836.5	50	0	9.830	/	Pass
	16QAM	836.5	50	0	9.789	/	Pass
	64QAM	836.5	50	0	9.692	/	Pass

3.2 Test Graph

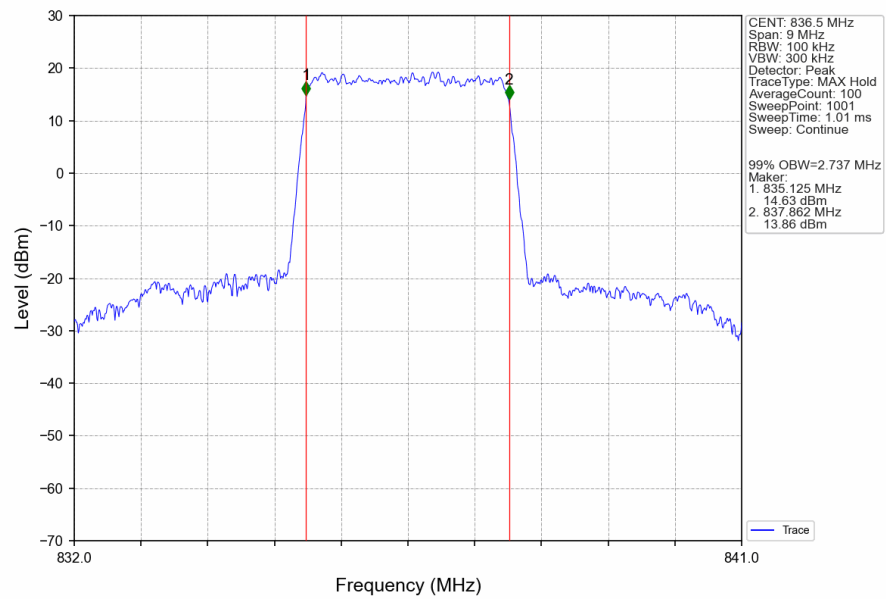
3.2.1 Band5_OBW



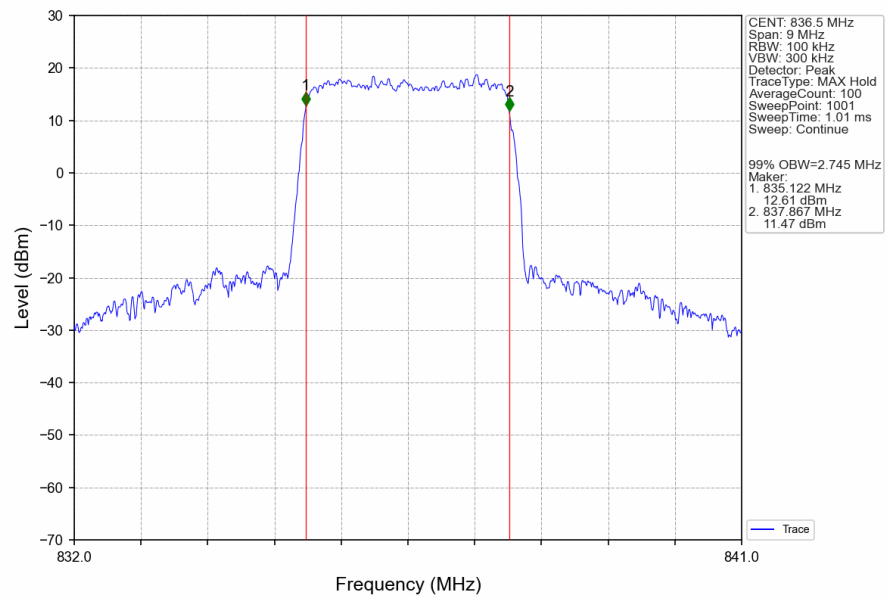
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



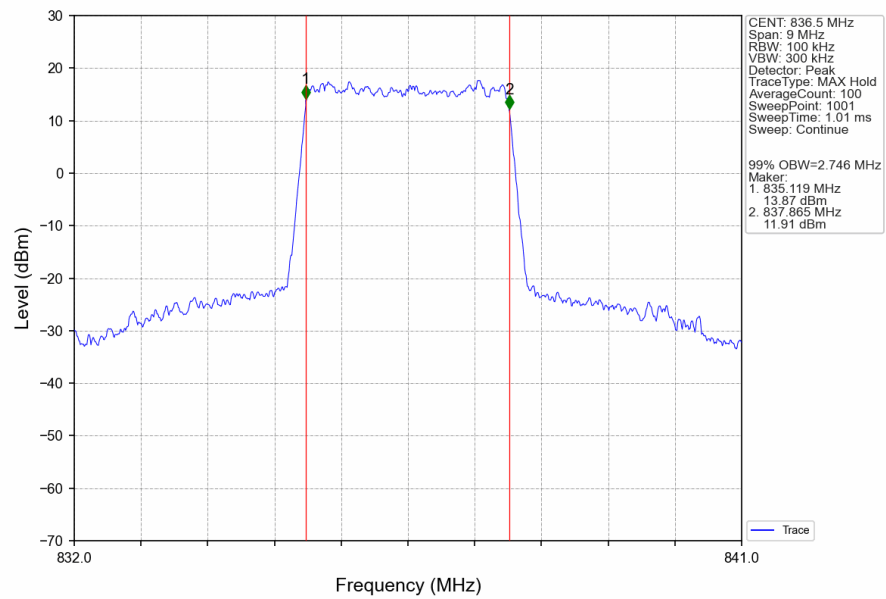
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



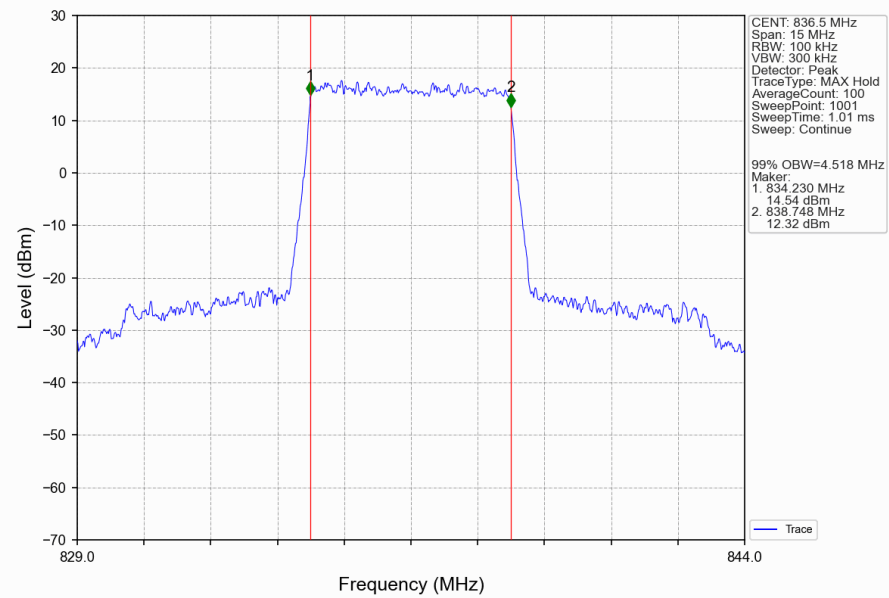
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



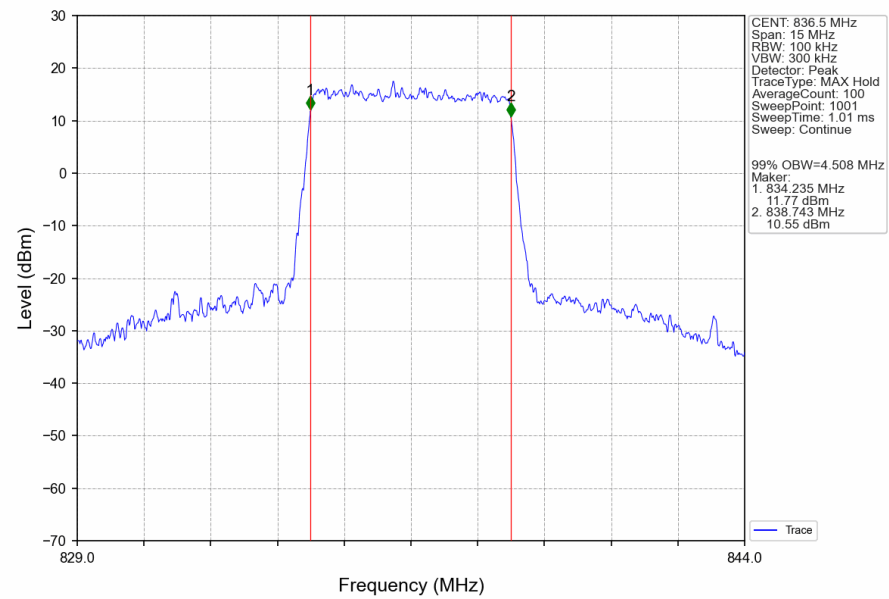
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



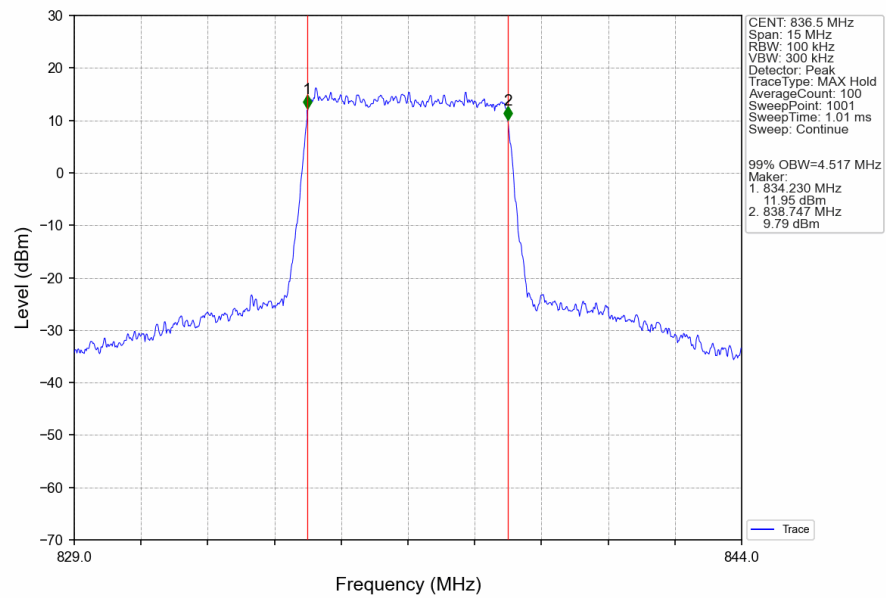
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



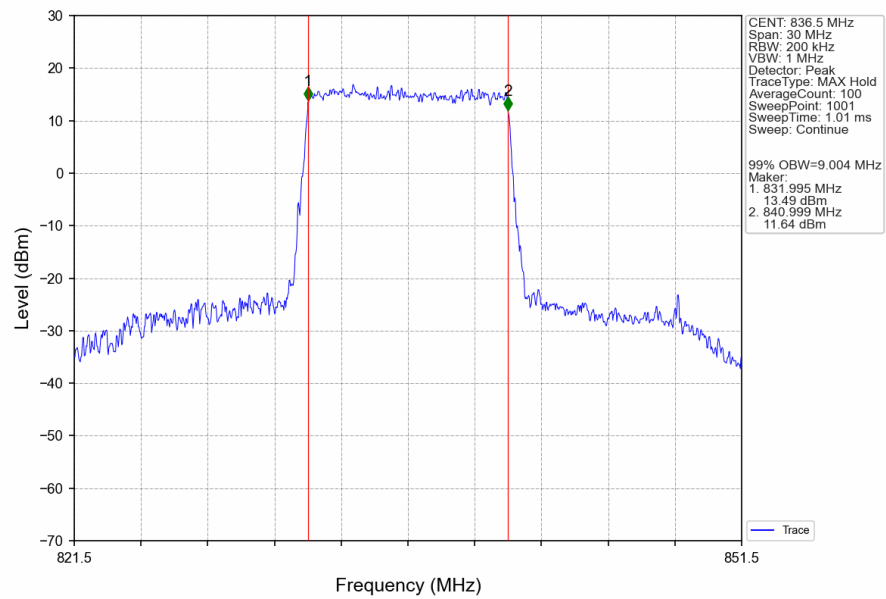
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



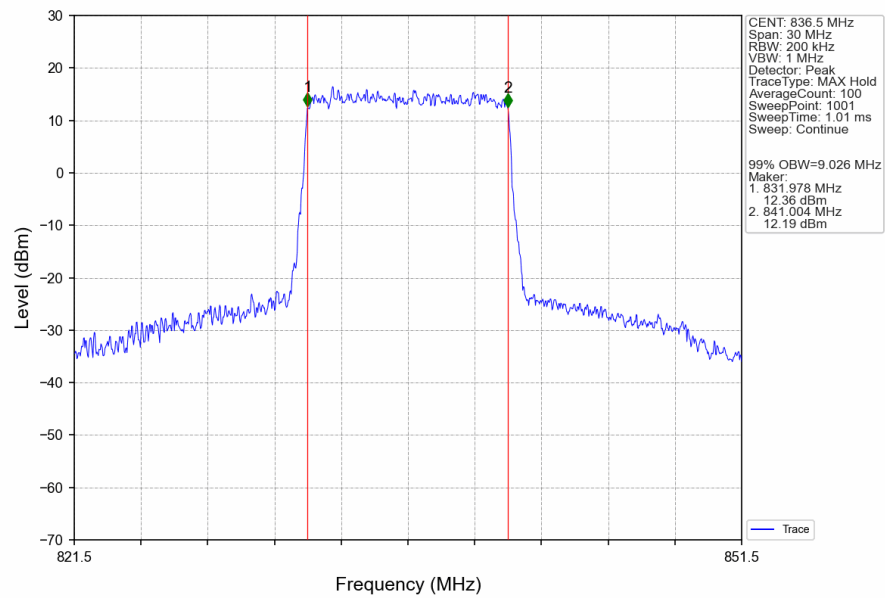
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



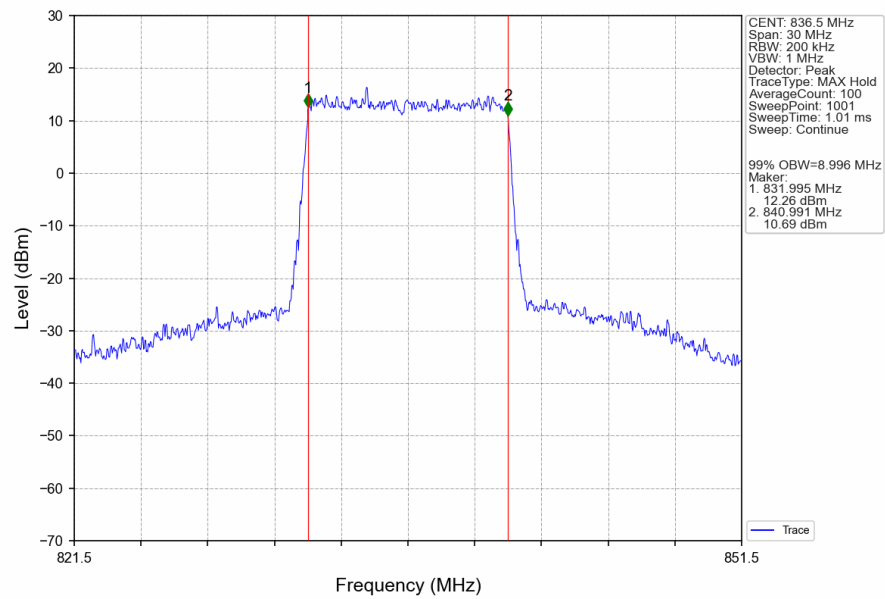
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

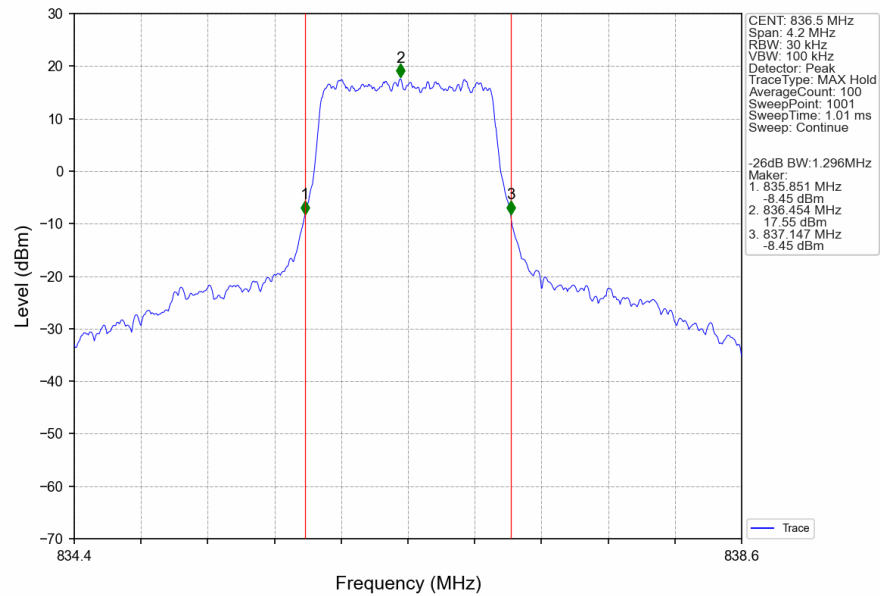


Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV

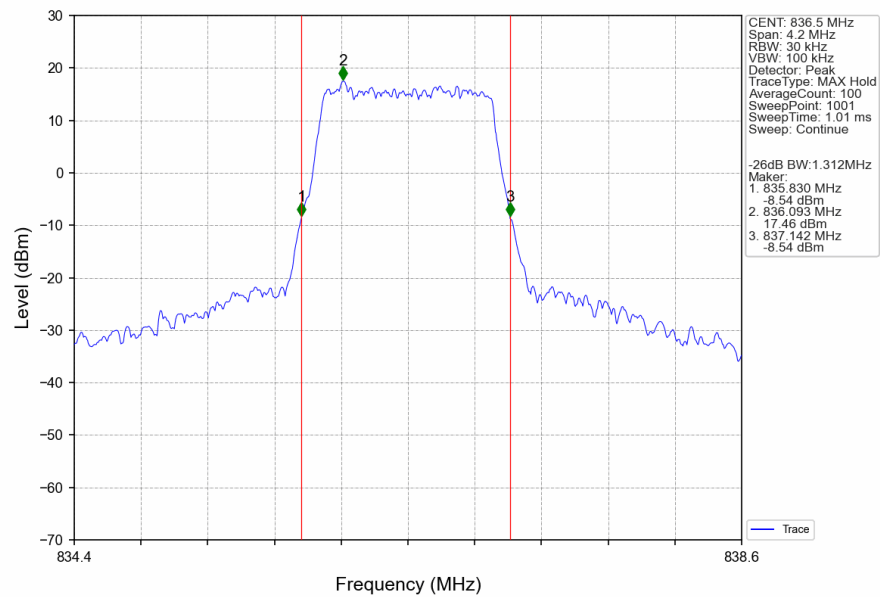


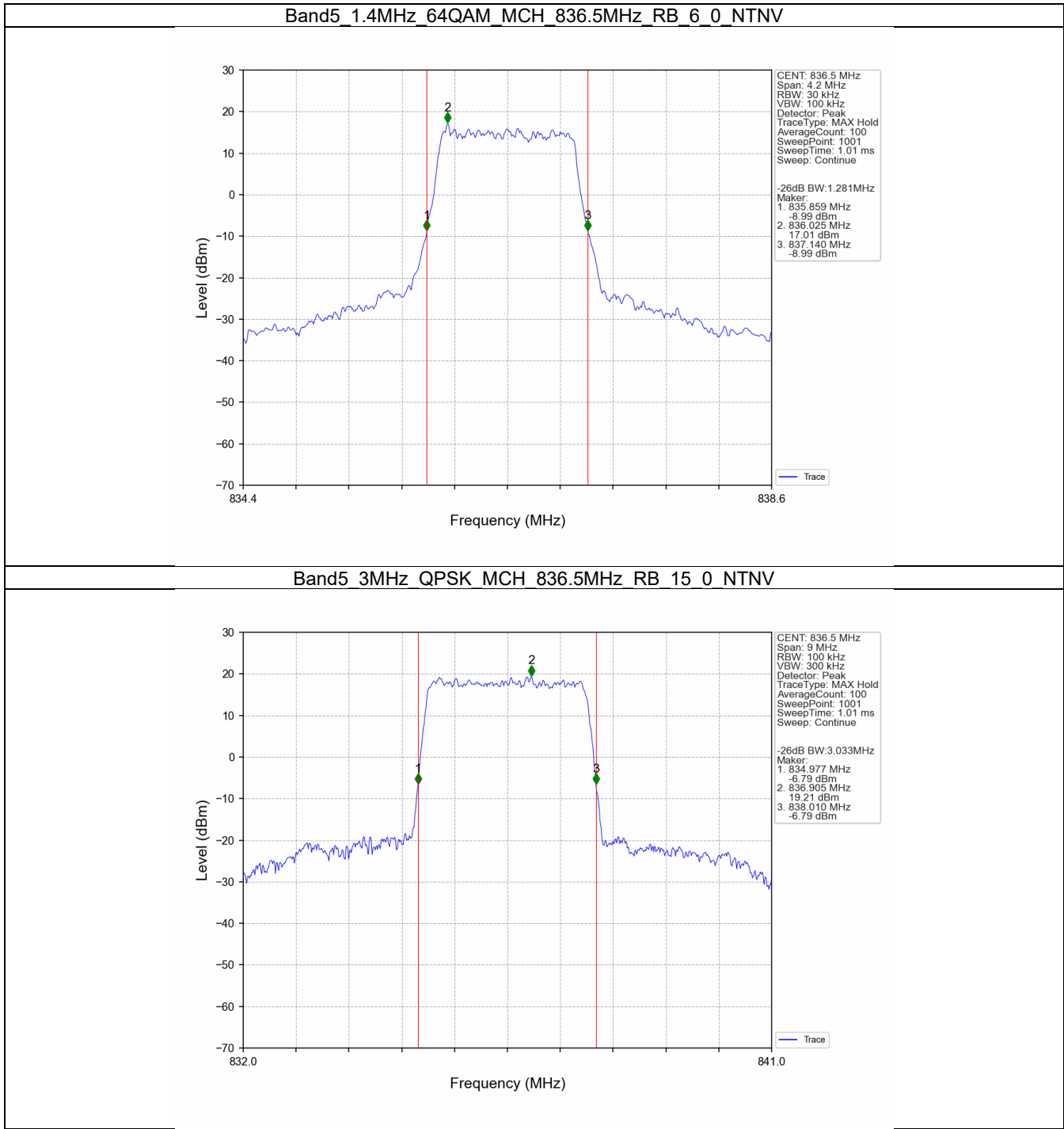
3.2.2 Band5_XDB

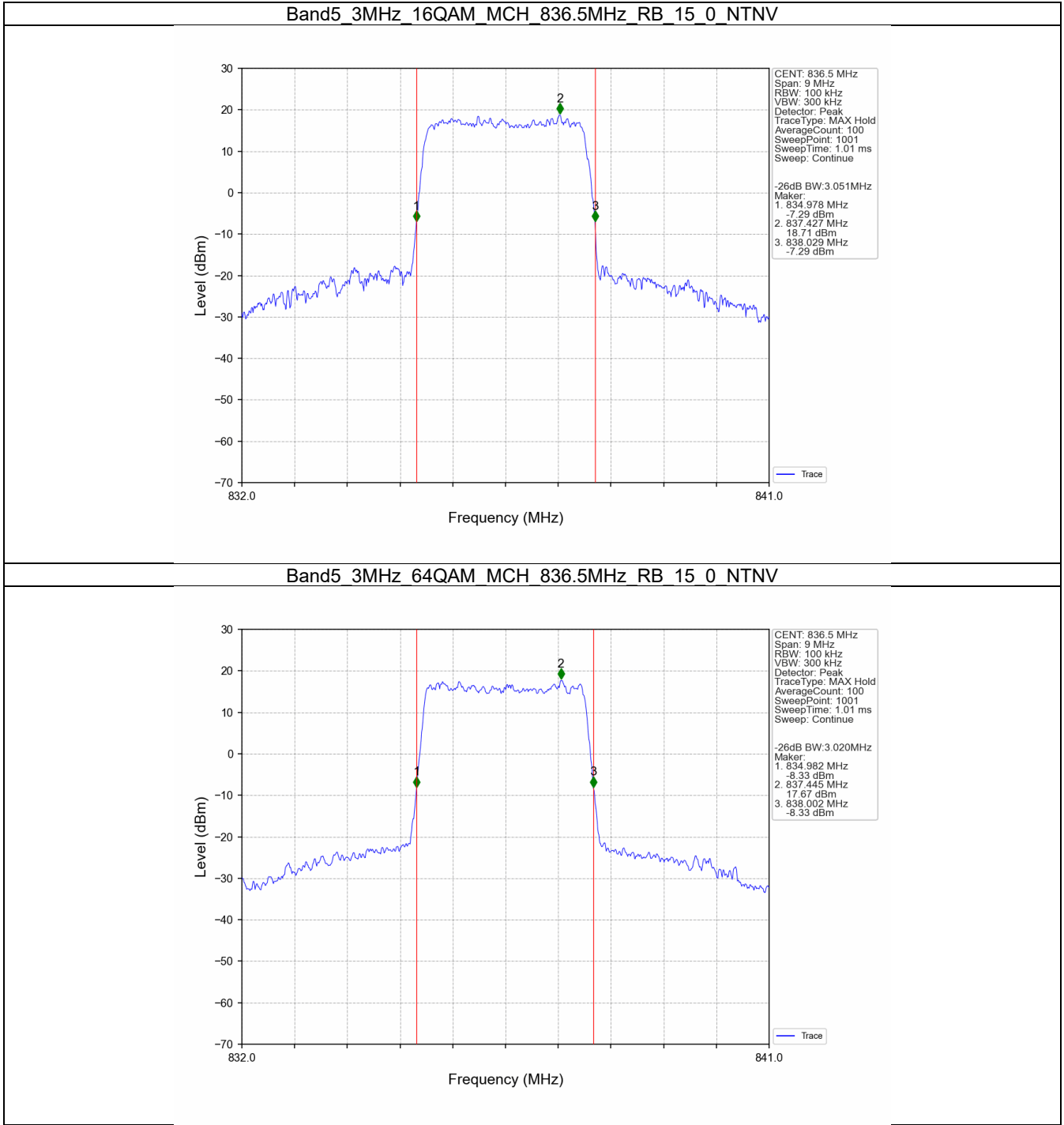
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



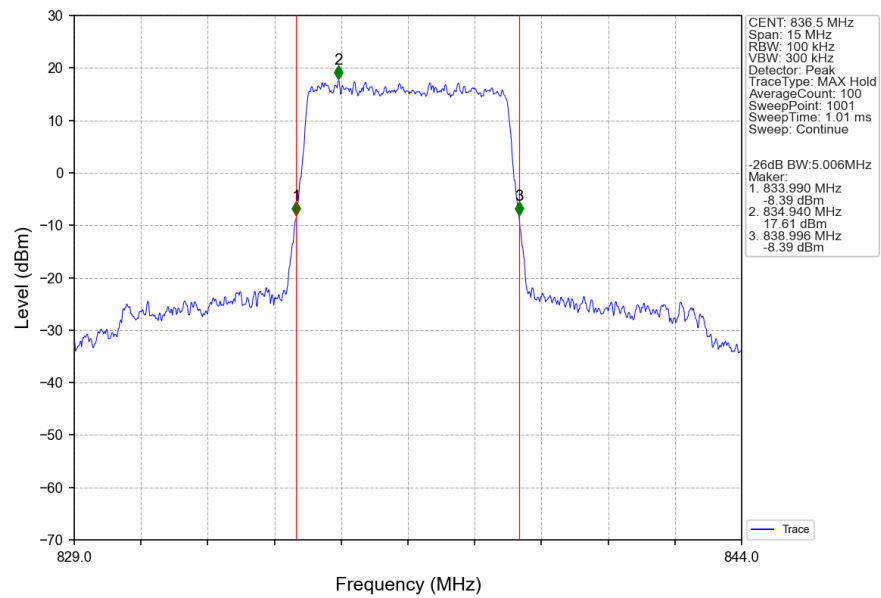
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



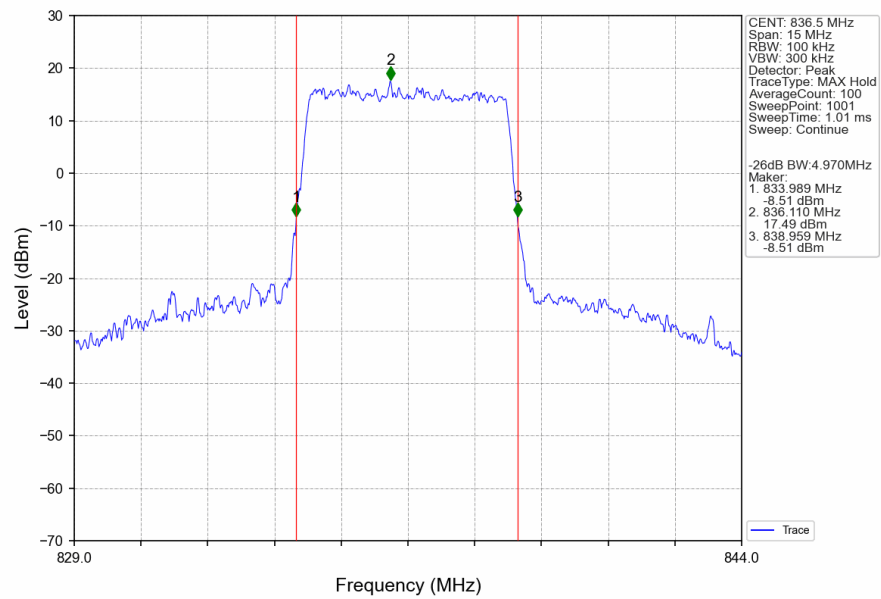




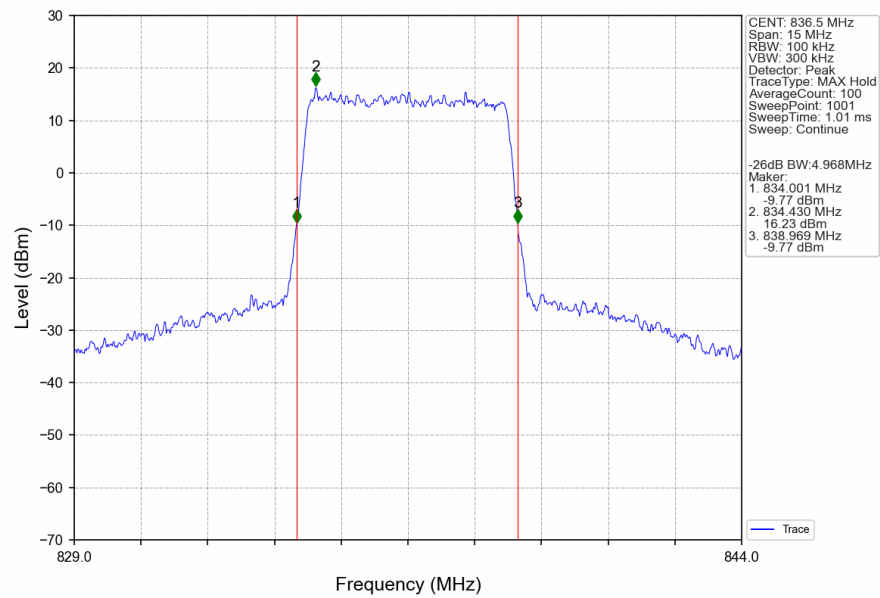
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



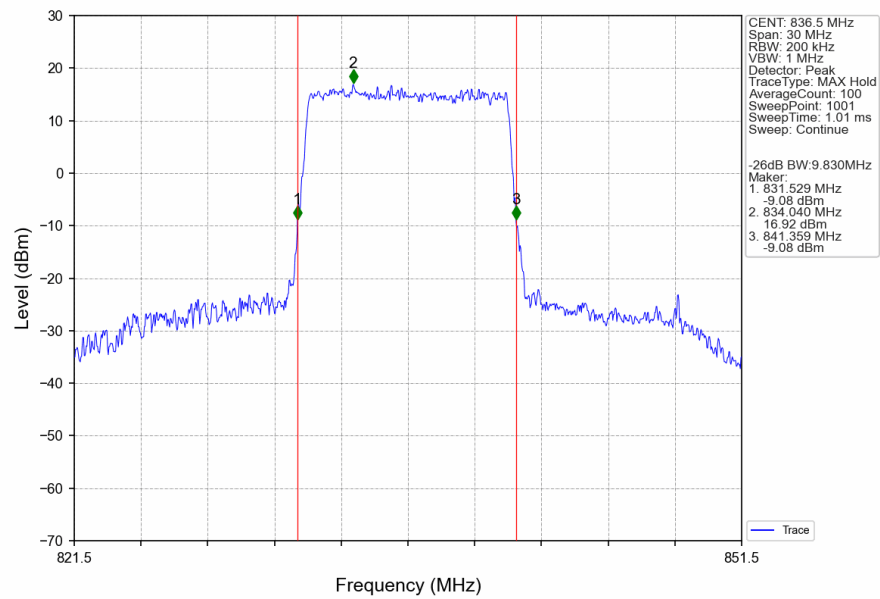
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



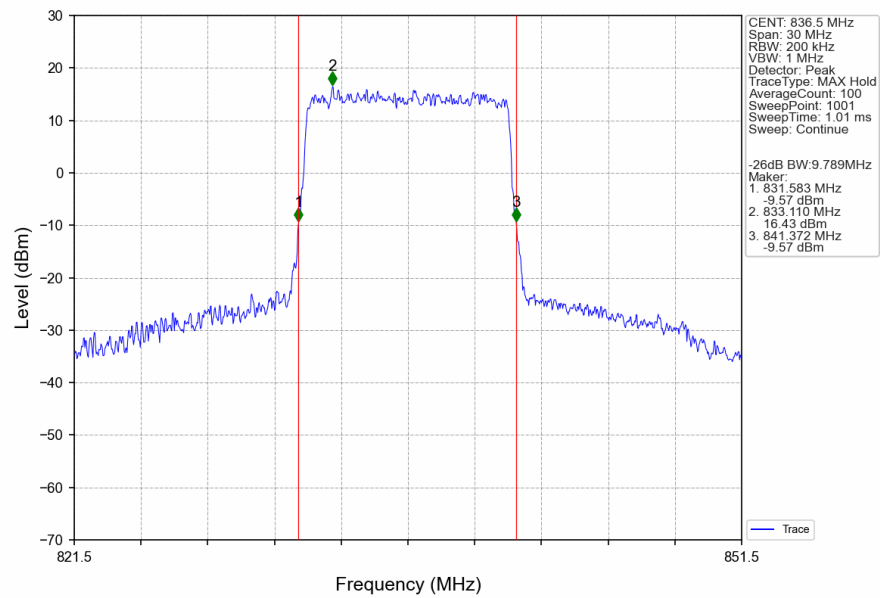
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



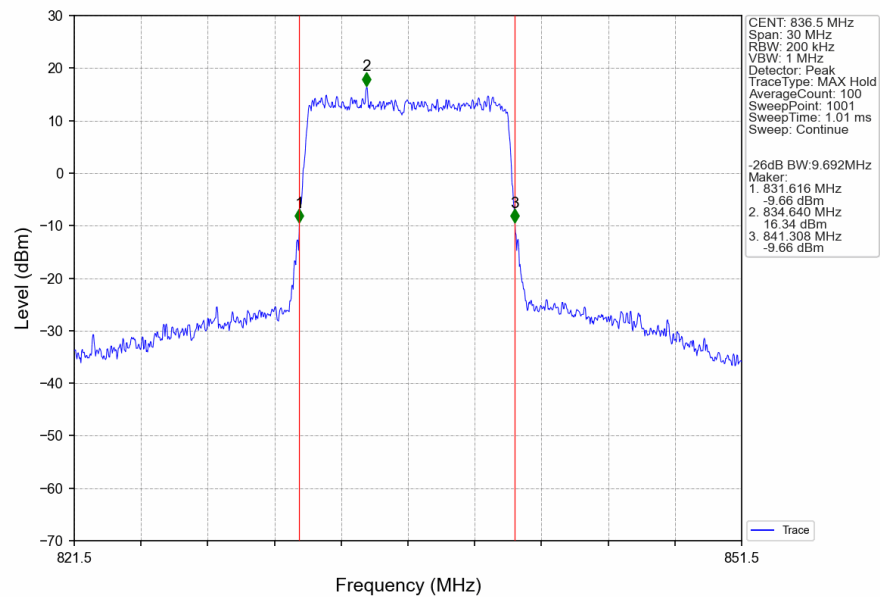
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

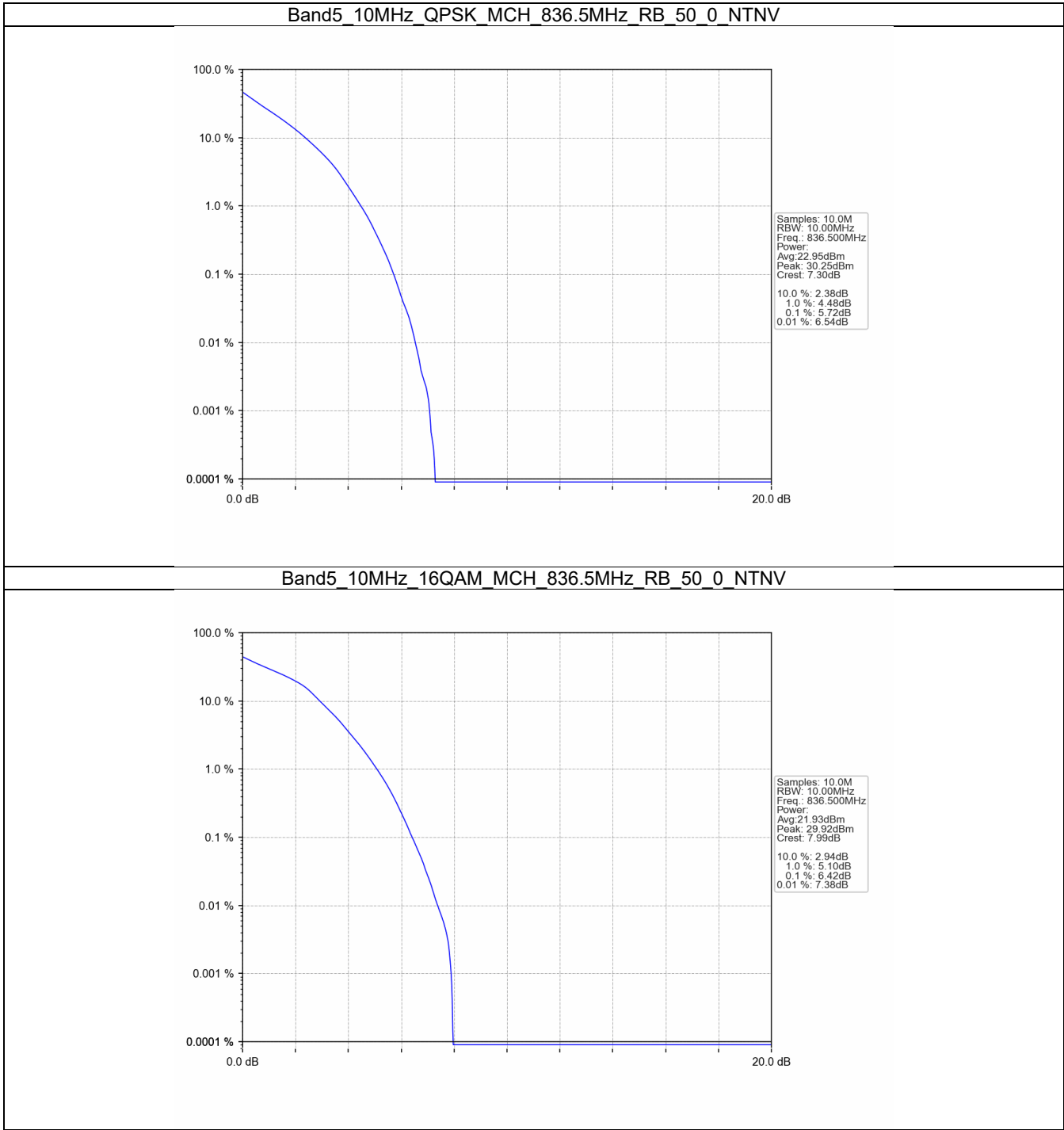
4.1 Test Result

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	5.72	<=13	Pass
16QAM	836.5	50	0	6.42	<=13	Pass
64QAM	836.5	50	0	6.70	<=13	Pass

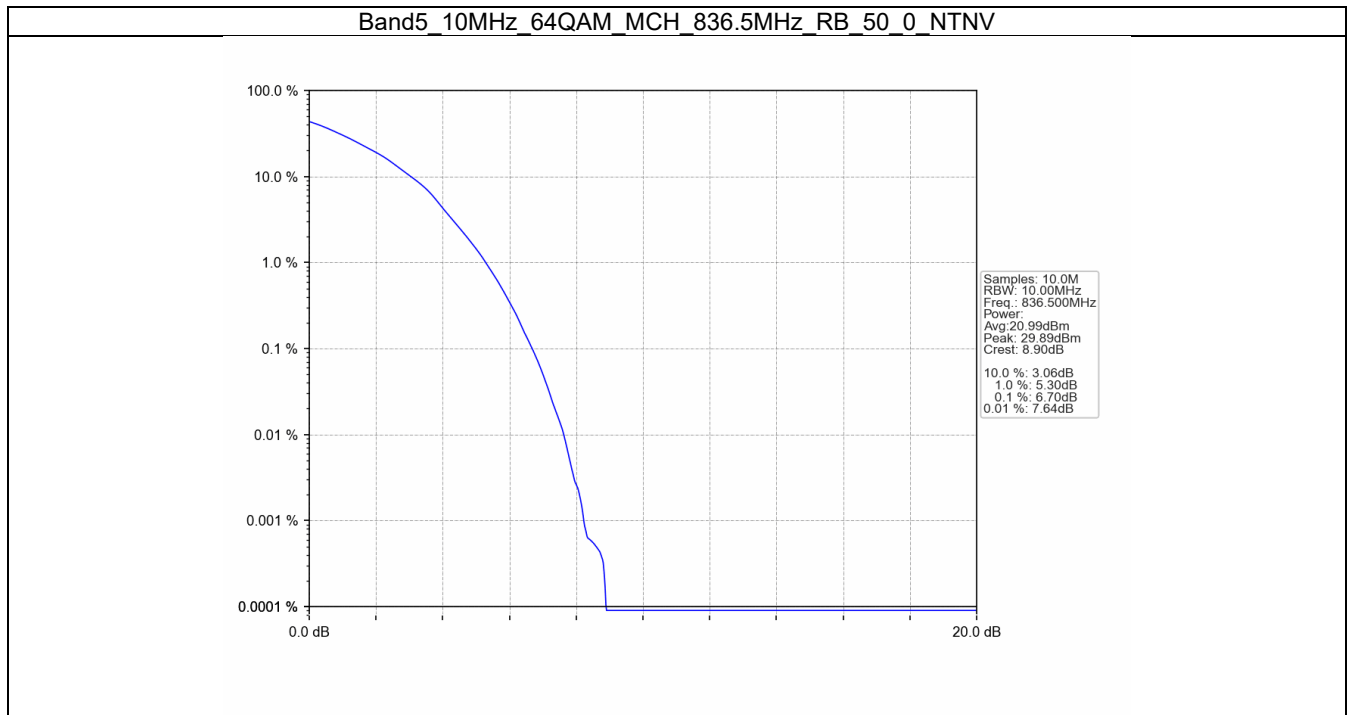
4.2 Test Graph

4.2.1 B5_10MHz



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq: 836.500MHz
Power:
Avg 21.93dBm
Peak: 29.92dBm
Crest: 7.99dB
10.0%: 2.94dB
1.0%: 5.10dB
0.1%: 6.42dB
0.01%: 7.38dB



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B5_5MHz

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

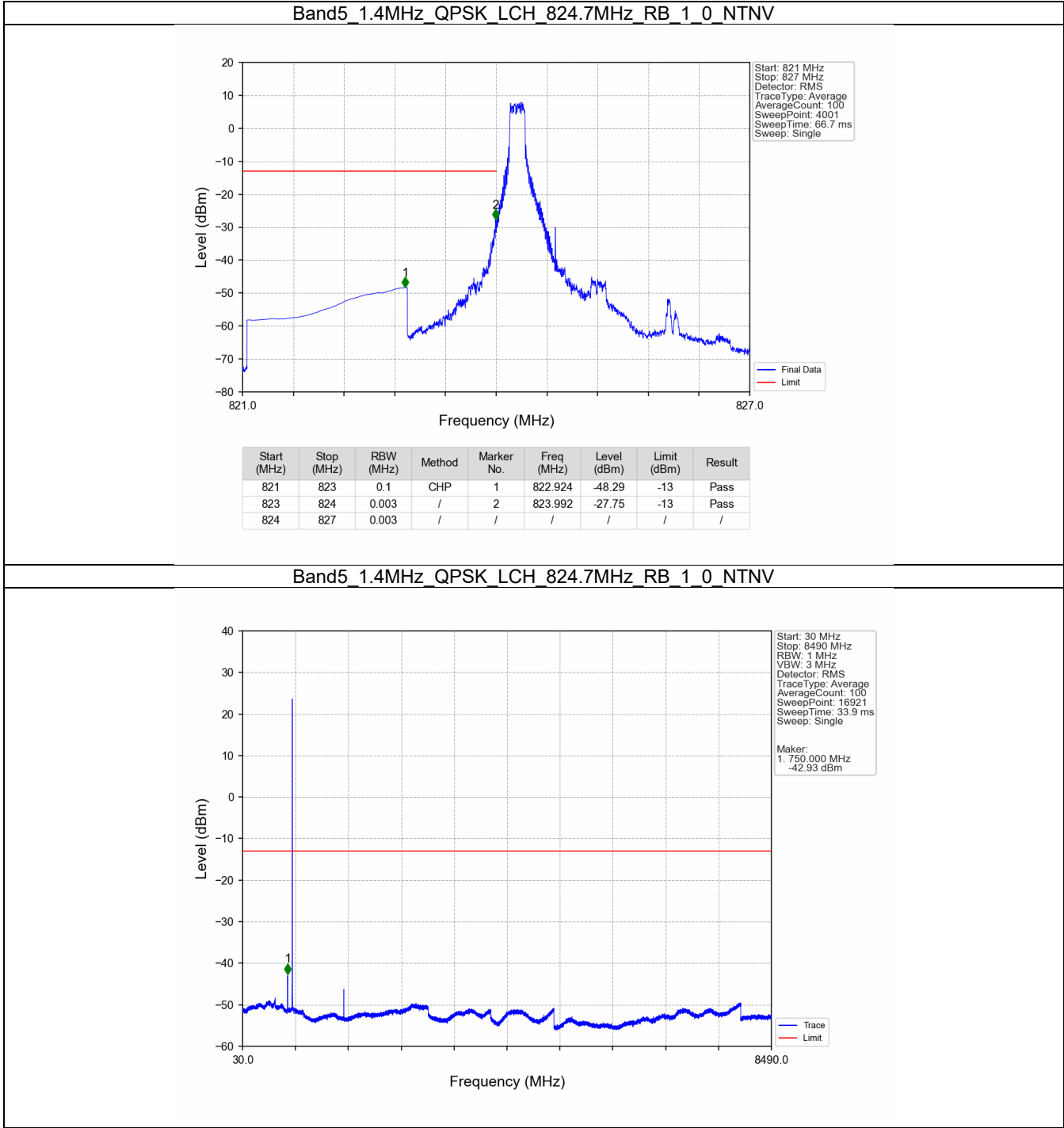
5.1.4 B5_10MHz

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

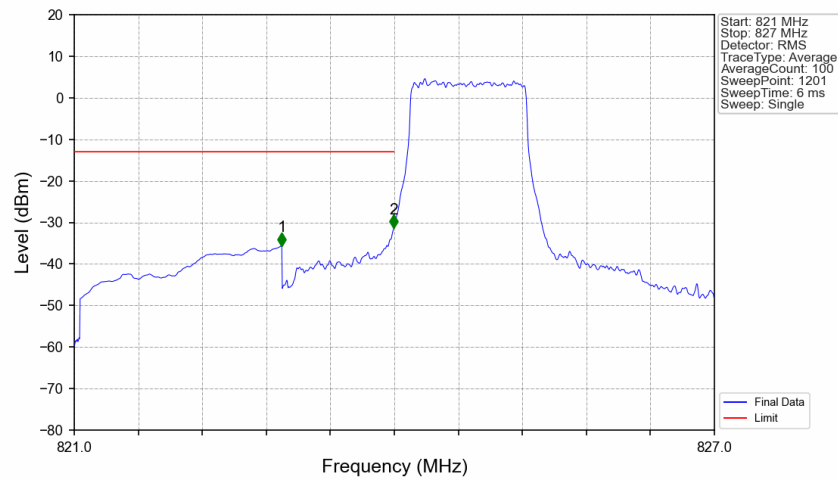
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 B5_1.4MHz

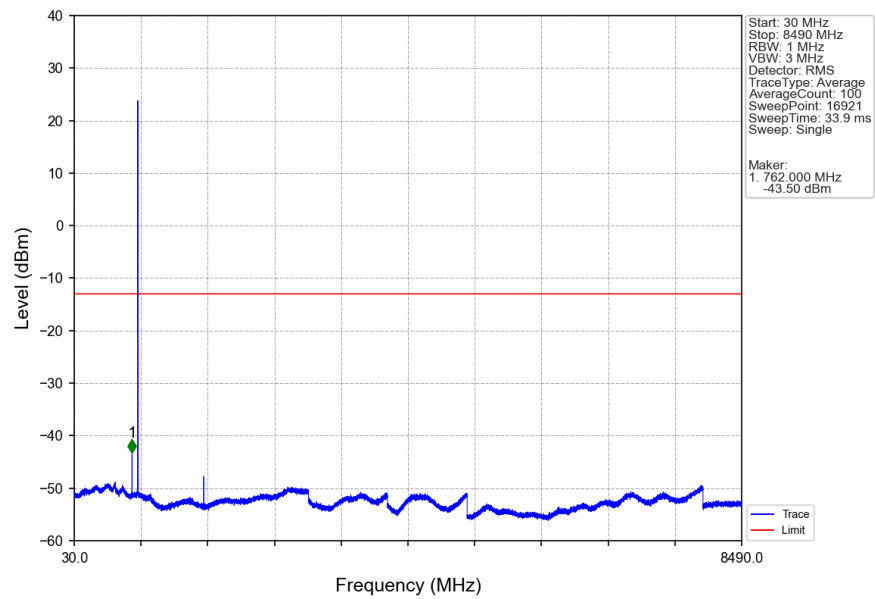


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

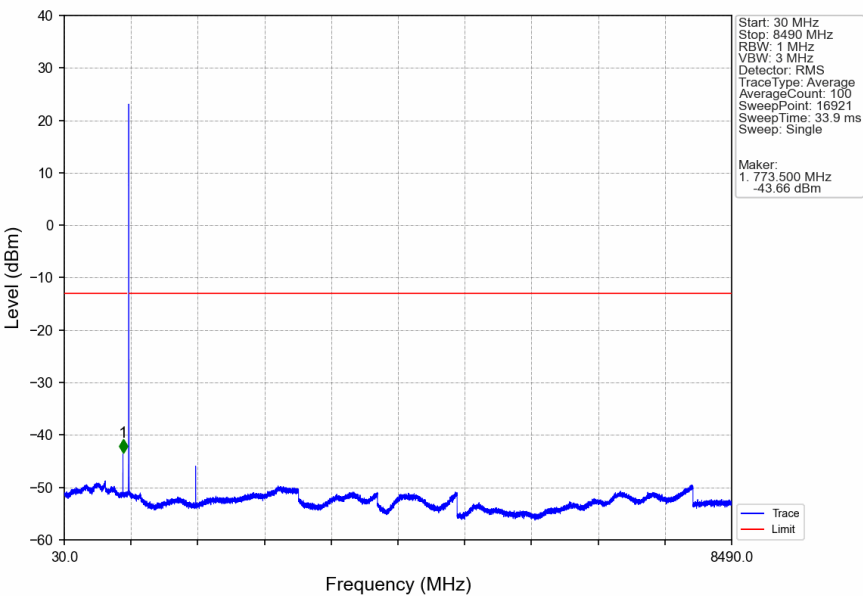


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-35.59	-13	Pass
823	824	0.013	CHP	2	823.995	-31.27	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

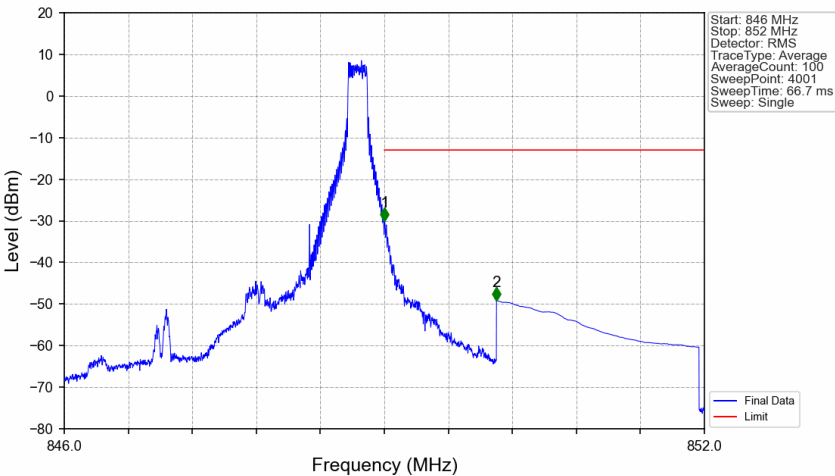
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

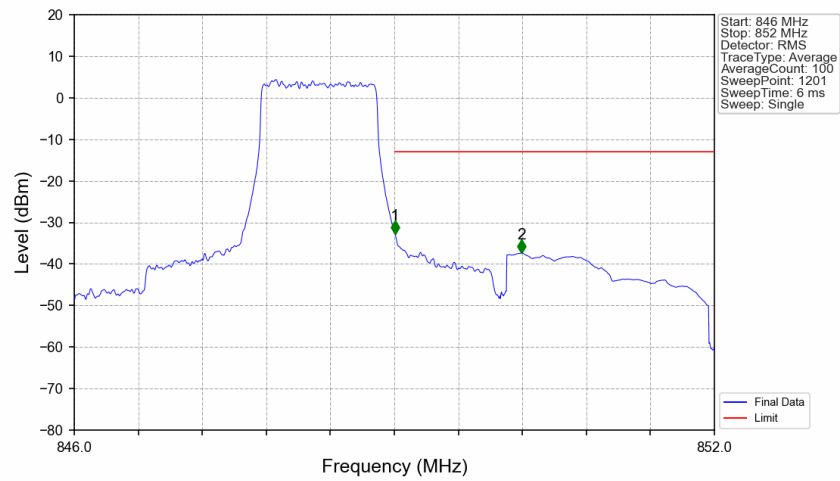


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-29.96	-13	Pass
850	852	0.1	CHP	2	850.052	-49.17	-13	Pass

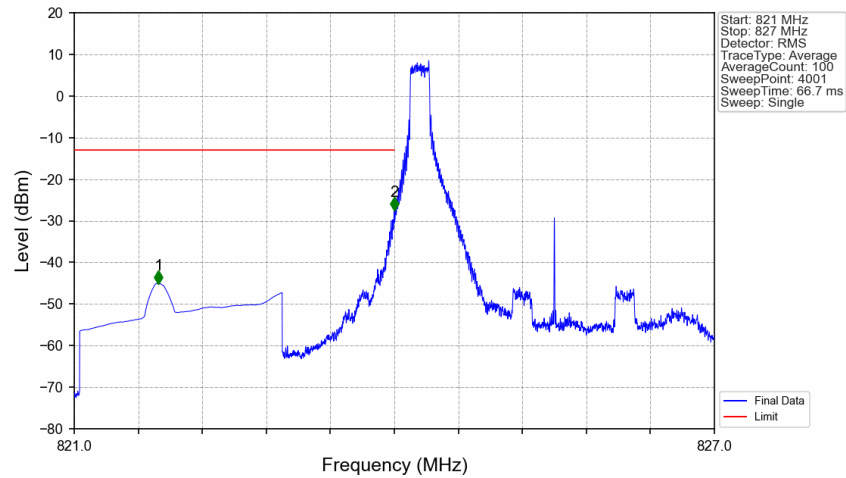
Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



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	-32.69	-13	Pass
850	852	0.1	CHP	2	850.195	-37.35	-13	Pass

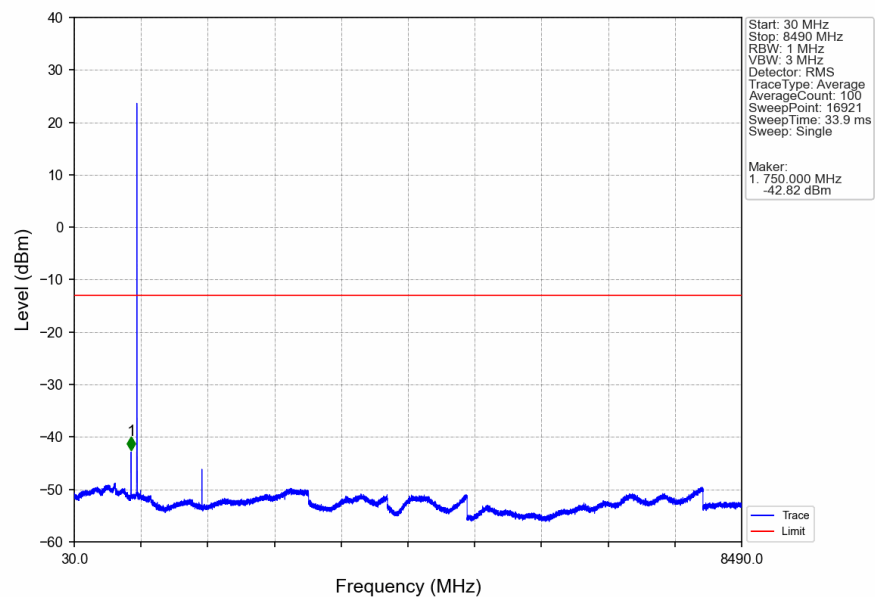
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

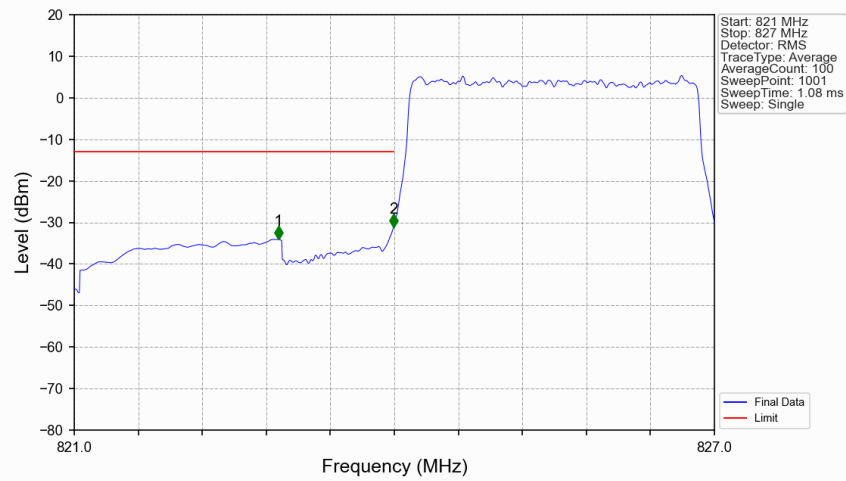


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	821.790	-45.10	-13	Pass
823	824	0.003	/	2	823.999	-27.55	-13	Pass
824	827	0.003	/	/	/	/	/	/

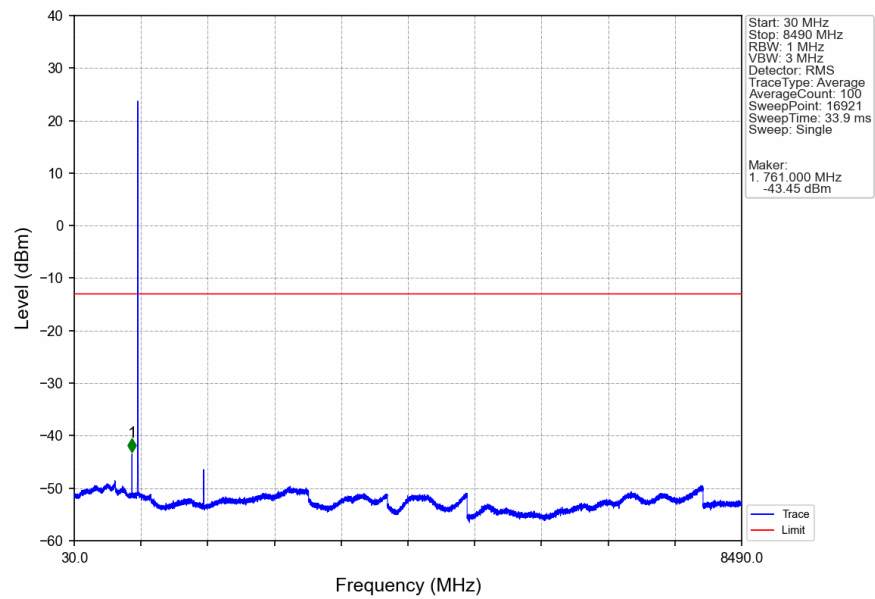
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



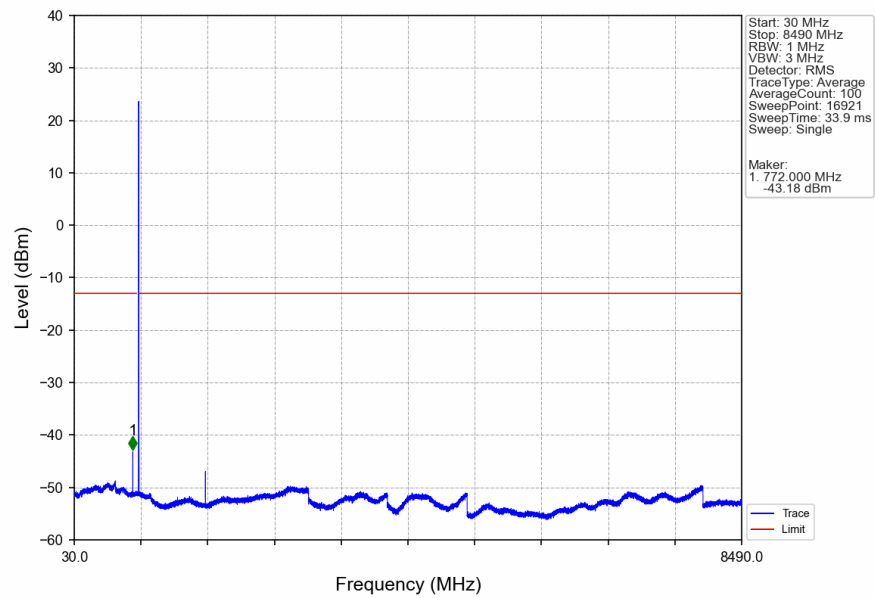
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



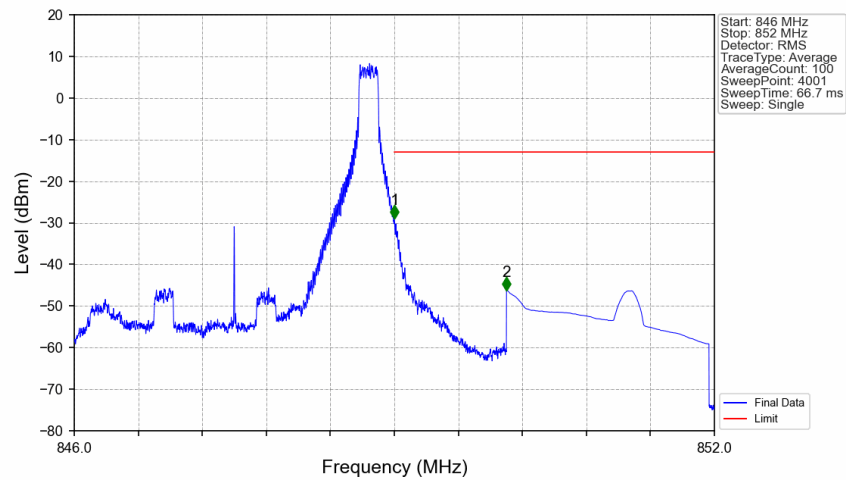
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



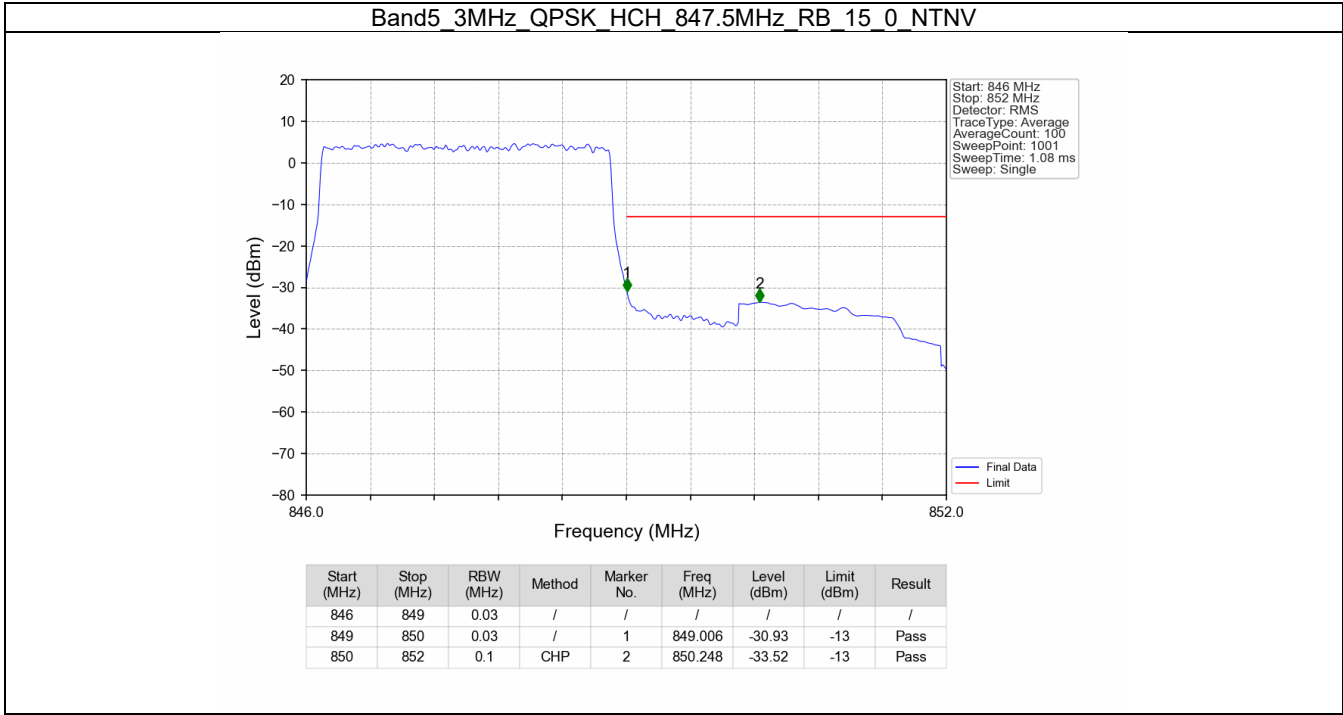
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV

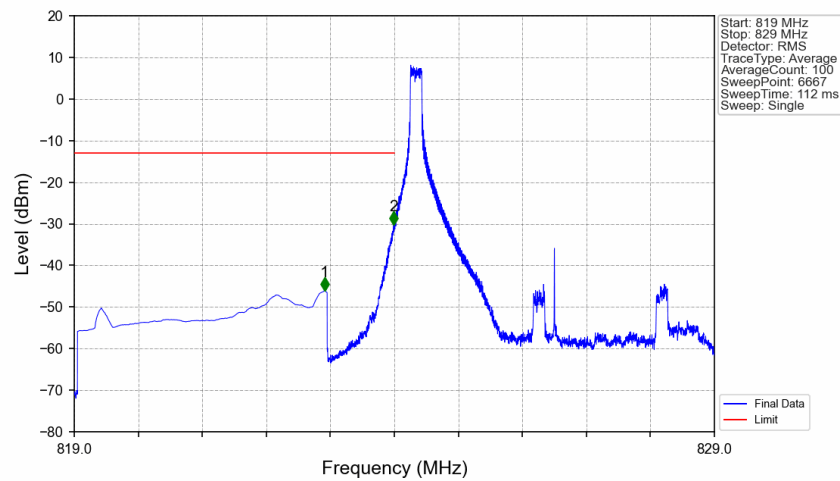


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-28.98	-13	Pass
850	852	0.1	CHP	2	850.052	-46.26	-13	Pass



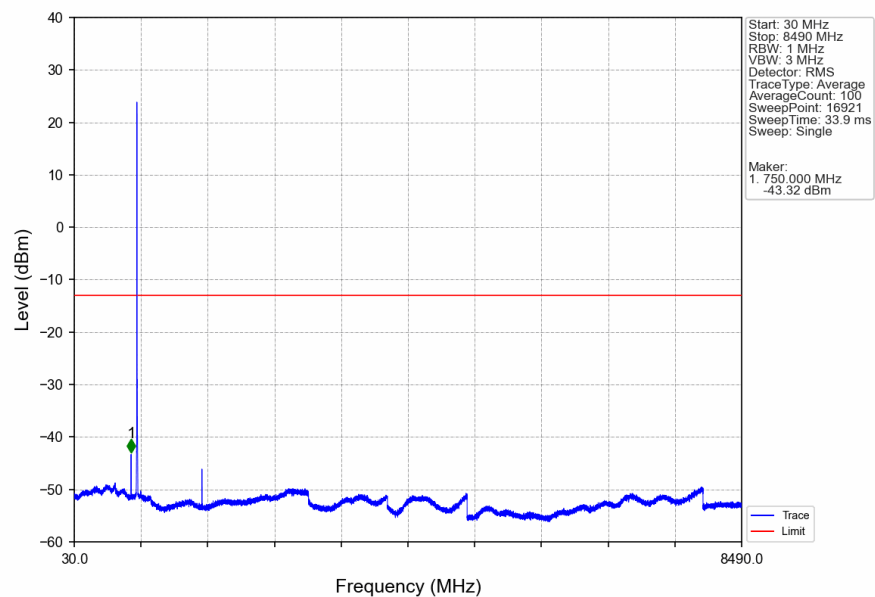
5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

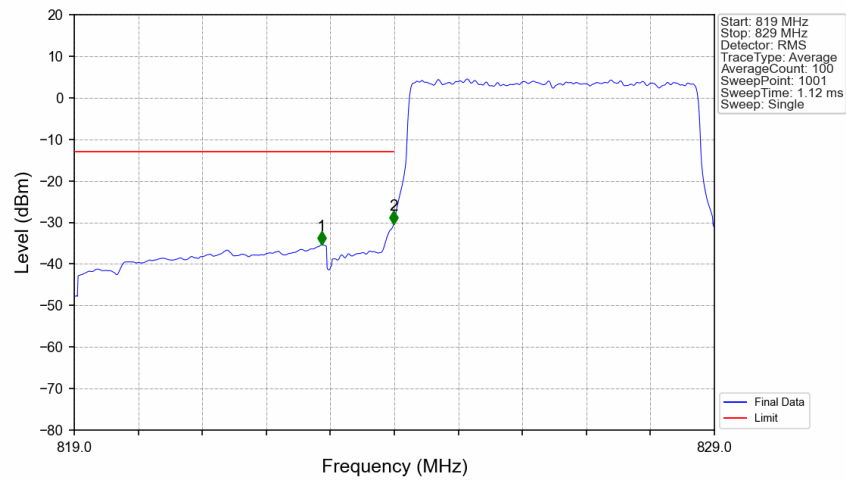


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.908	-46.03	-13	Pass
823	824	0.003	/	2	823.989	-30.30	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

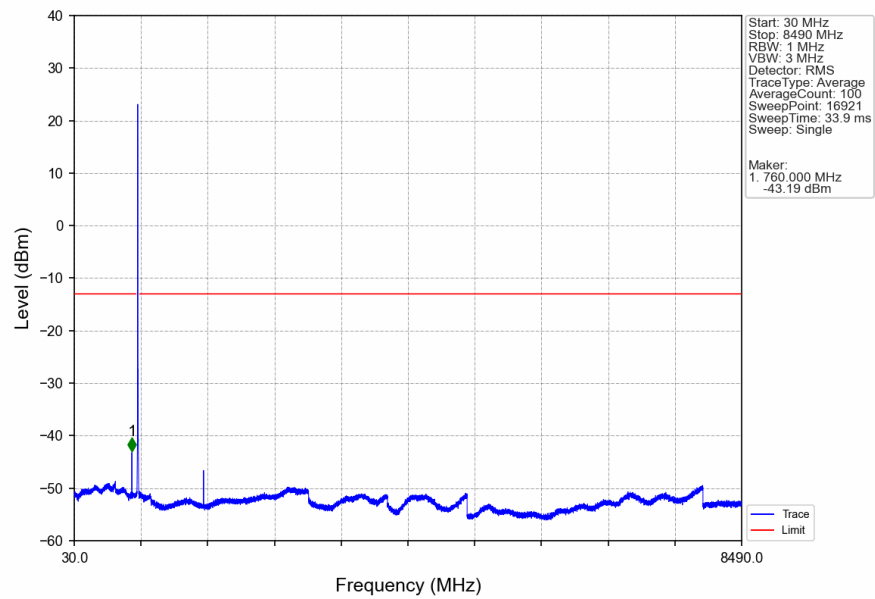


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

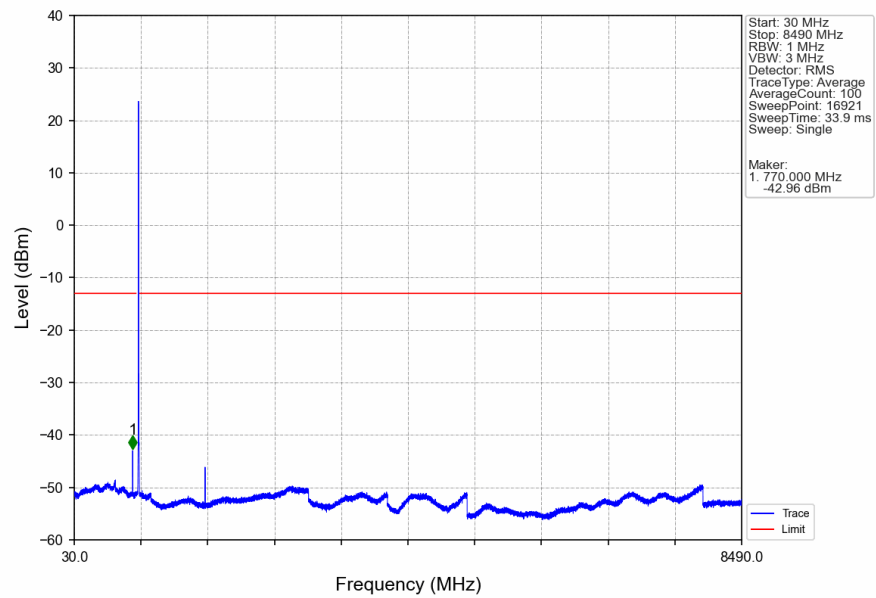


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.860	-35.38	-13	Pass
823	824	0.05	CHP	2	823.990	-30.35	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

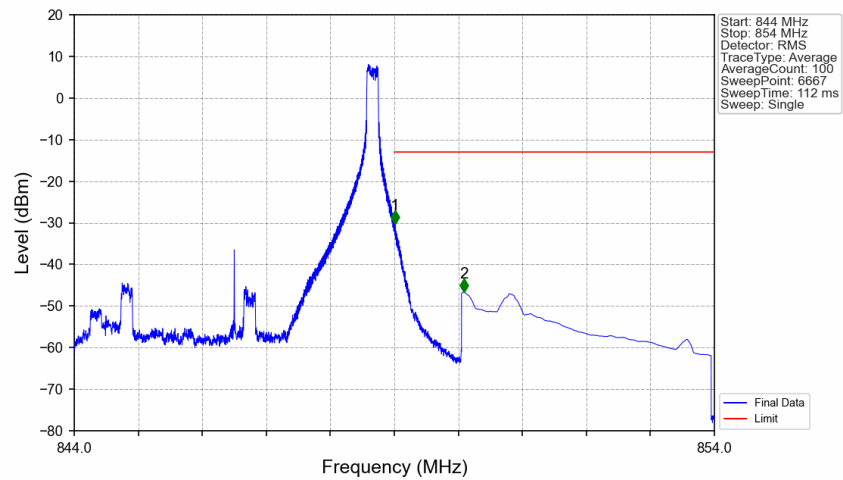
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



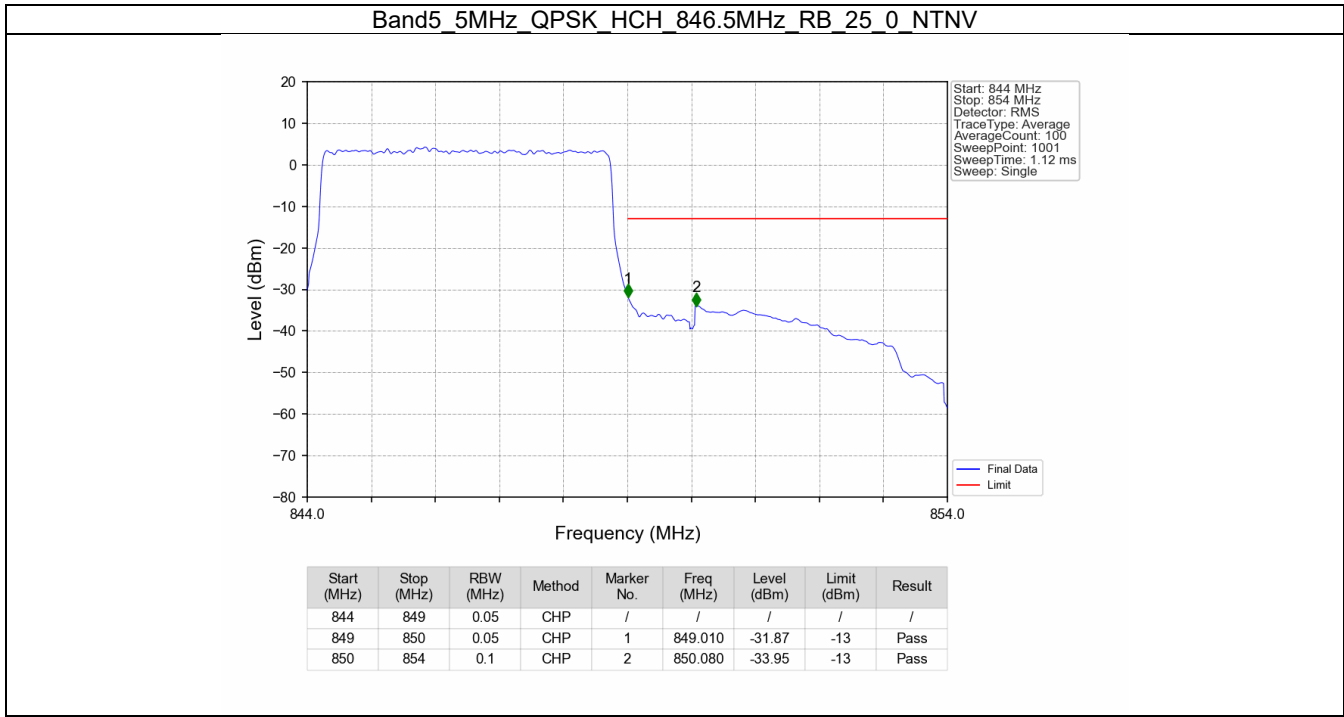
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV

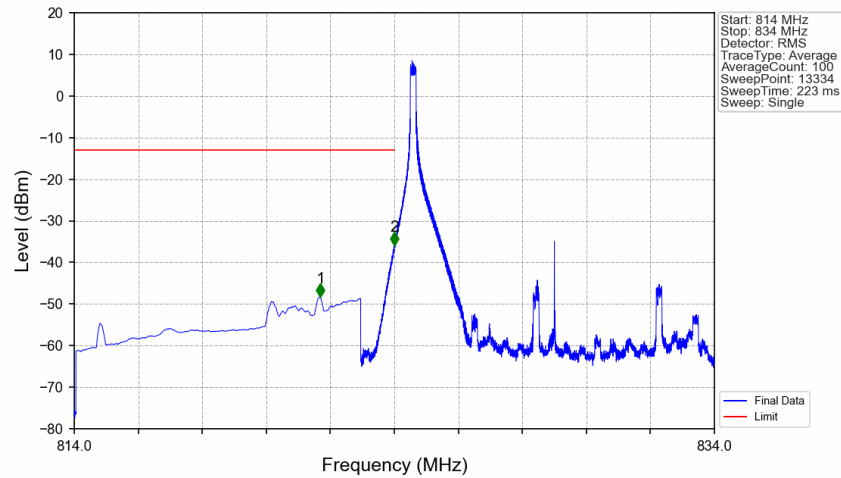


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-30.21	-13	Pass
850	854	0.1	CHP	2	850.091	-46.62	-13	Pass



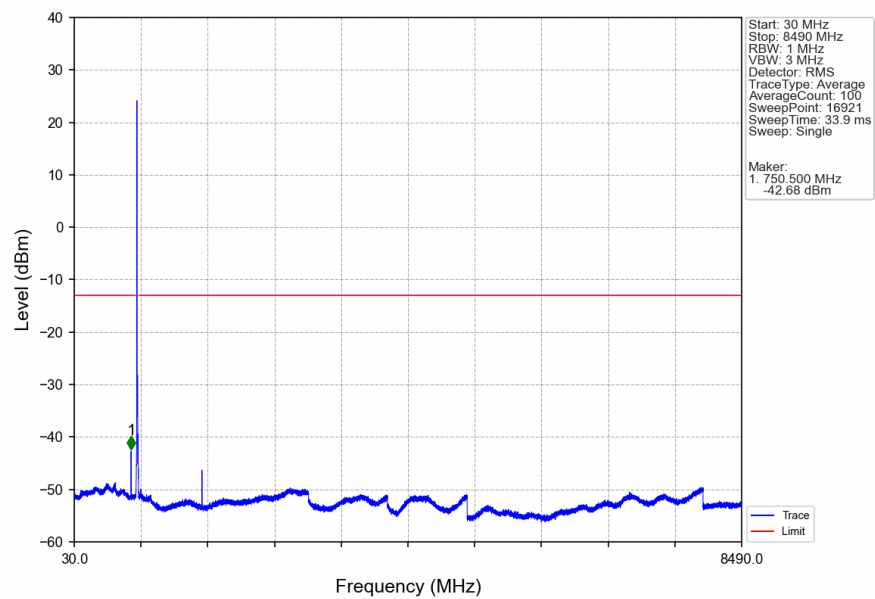
5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

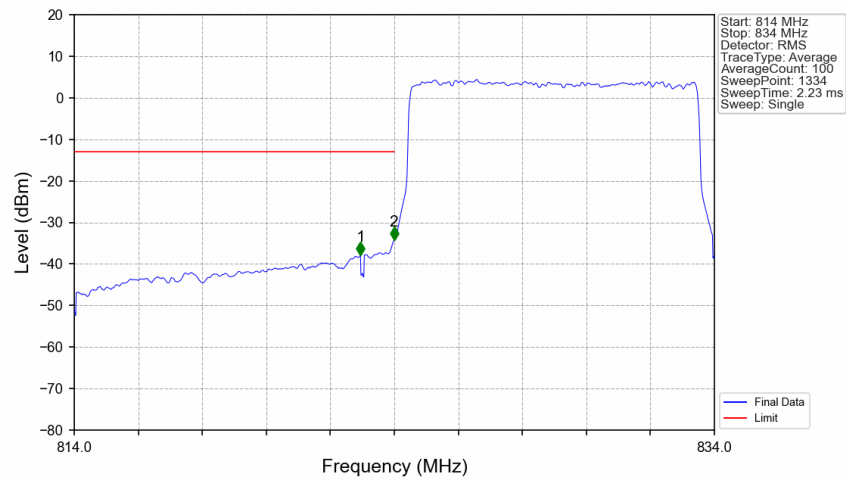


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	821.686	-48.24	-13	Pass
823	824	0.003	/	2	823.999	-35.81	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

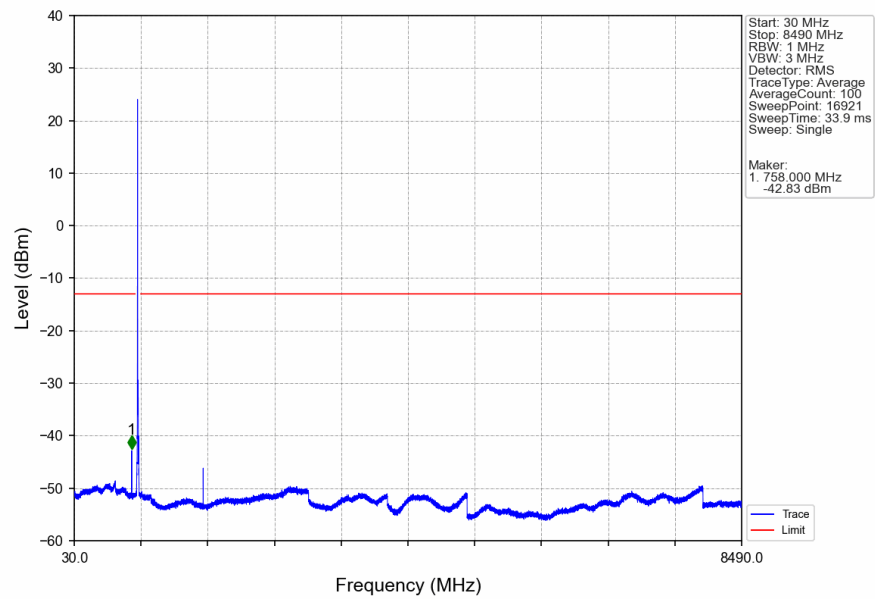


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

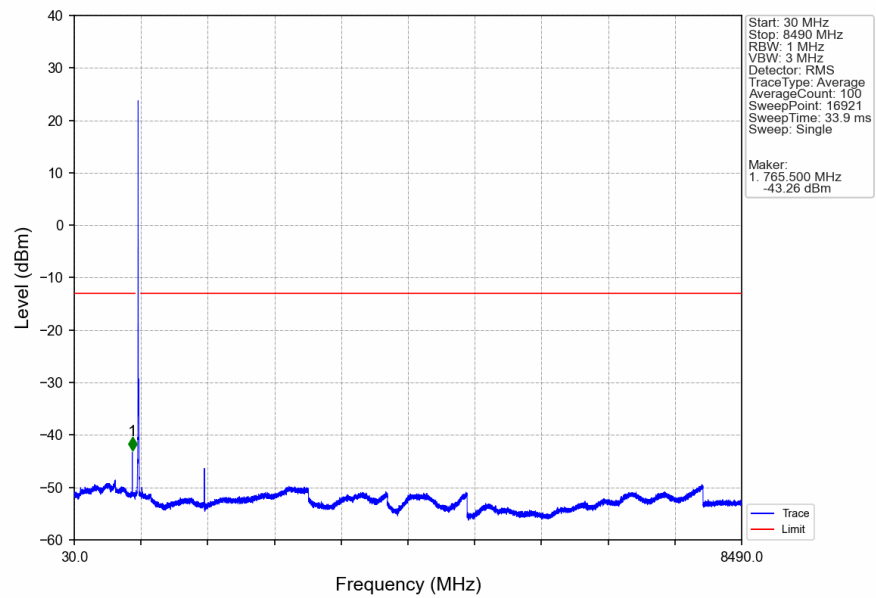


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.942	-37.94	-13	Pass
823	824	0.098	CHP	2	823.992	-34.17	-13	Pass
824	834	0.098	CHP	/	/	/	/	/

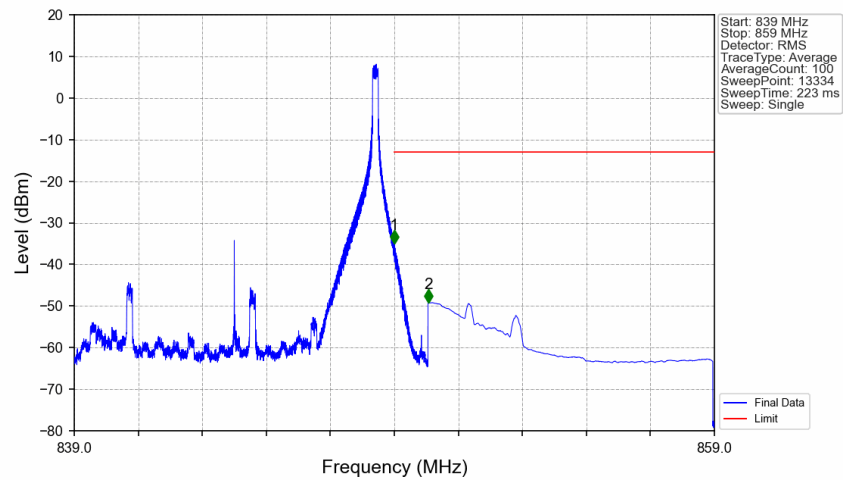
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



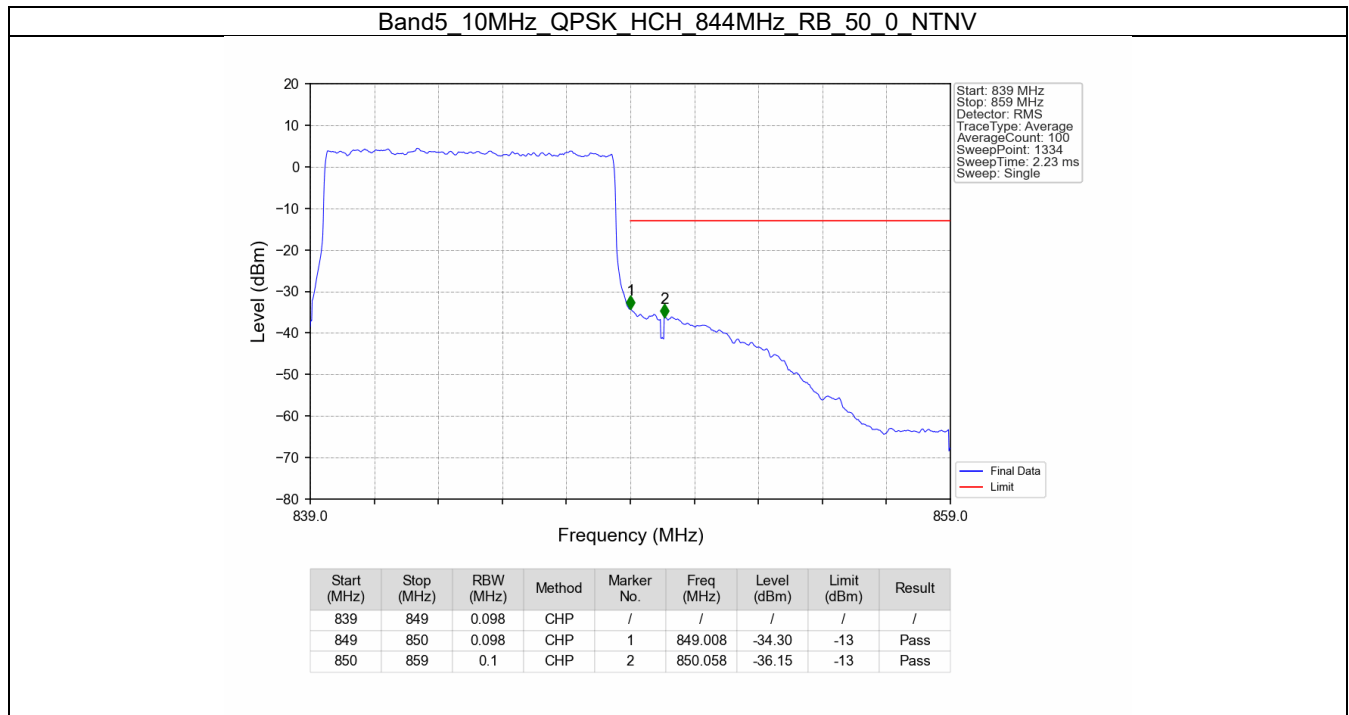
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-35.02	-13	Pass
850	859	0.1	CHP	2	850.066	-49.10	-13	Pass



---End of Attachment---