

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26b_1.4MHz_ERP

Band: 26b / 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	23.61	-5.82	15.64	<=38.45	Pass
			2	24.12	-5.82	16.15	<=38.45	Pass
			5	23.89	-5.82	15.92	<=38.45	Pass
		3	0	24.17	-5.82	16.20	<=38.45	Pass
			2	24.18	-5.82	16.21	<=38.45	Pass
			3	24.08	-5.82	16.11	<=38.45	Pass
		6	0	23.12	-5.82	15.15	<=38.45	Pass
	836.5	1	0	24.18	-5.82	16.21	<=38.45	Pass
			2	24.36	-5.82	16.39	<=38.45	Pass
			5	24.15	-5.82	16.18	<=38.45	Pass
		3	0	24.10	-5.82	16.13	<=38.45	Pass
			2	24.16	-5.82	16.19	<=38.45	Pass
			3	24.15	-5.82	16.18	<=38.45	Pass
		6	0	23.04	-5.82	15.07	<=38.45	Pass
	848.3	1	0	24.20	-5.82	16.23	<=38.45	Pass
			2	24.10	-5.82	16.13	<=38.45	Pass
			5	24.10	-5.82	16.13	<=38.45	Pass
		3	0	24.04	-5.82	16.07	<=38.45	Pass
			2	24.08	-5.82	16.11	<=38.45	Pass
			3	24.00	-5.82	16.03	<=38.45	Pass
		6	0	23.17	-5.82	15.20	<=38.45	Pass
16QAM	824.7	1	0	23.46	-5.82	15.49	<=38.45	Pass
			2	23.21	-5.82	15.24	<=38.45	Pass
			5	23.49	-5.82	15.52	<=38.45	Pass
		3	0	23.20	-5.82	15.23	<=38.45	Pass
			2	23.20	-5.82	15.23	<=38.45	Pass
			3	23.34	-5.82	15.37	<=38.45	Pass
		6	0	22.06	-5.82	14.09	<=38.45	Pass
	836.5	1	0	23.02	-5.82	15.05	<=38.45	Pass
			2	23.46	-5.82	15.49	<=38.45	Pass
			5	23.46	-5.82	15.49	<=38.45	Pass
		3	0	23.40	-5.82	15.43	<=38.45	Pass
			2	23.44	-5.82	15.47	<=38.45	Pass
			3	23.09	-5.82	15.12	<=38.45	Pass
		6	0	22.20	-5.82	14.23	<=38.45	Pass
	848.3	1	0	23.17	-5.82	15.20	<=38.45	Pass
			2	23.07	-5.82	15.10	<=38.45	Pass
			5	23.18	-5.82	15.21	<=38.45	Pass
		3	0	23.10	-5.82	15.13	<=38.45	Pass
			2	23.36	-5.82	15.39	<=38.45	Pass
			3	23.18	-5.82	15.21	<=38.45	Pass
		6	0	22.23	-5.82	14.26	<=38.45	Pass
64QAM	824.7	1	0	23.02	-5.82	15.05	<=38.45	Pass
			2	23.12	-5.82	15.15	<=38.45	Pass
			5	23.07	-5.82	15.10	<=38.45	Pass
		3	0	23.12	-5.82	15.15	<=38.45	Pass
			2	23.04	-5.82	15.07	<=38.45	Pass
			3	23.10	-5.82	15.13	<=38.45	Pass
		6	0	22.15	-5.82	14.18	<=38.45	Pass

	836.5	1	0	23.10	-5.82	15.13	<=38.45	Pass
			2	23.29	-5.82	15.32	<=38.45	Pass
			5	23.21	-5.82	15.24	<=38.45	Pass
		3	0	23.21	-5.82	15.24	<=38.45	Pass
			2	23.01	-5.82	15.04	<=38.45	Pass
			3	23.14	-5.82	15.17	<=38.45	Pass
	848.3	6	0	22.20	-5.82	14.23	<=38.45	Pass
			0	23.06	-5.82	15.09	<=38.45	Pass
			2	22.95	-5.82	14.98	<=38.45	Pass
		1	5	22.41	-5.82	14.44	<=38.45	Pass
			0	22.86	-5.82	14.89	<=38.45	Pass
			2	23.11	-5.82	15.14	<=38.45	Pass
		3	3	23.17	-5.82	15.20	<=38.45	Pass
			0	22.24	-5.82	14.27	<=38.45	Pass
			0	22.24	-5.82	14.27	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B26b_3MHz_ERP

Band: 26b / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	24.12	-5.82	16.15	<=38.45	Pass
			7	24.02	-5.82	16.05	<=38.45	Pass
			14	24.11	-5.82	16.14	<=38.45	Pass
		8	0	23.14	-5.82	15.17	<=38.45	Pass
			4	23.17	-5.82	15.20	<=38.45	Pass
			7	23.21	-5.82	15.24	<=38.45	Pass
		15	0	23.17	-5.82	15.20	<=38.45	Pass
	836.5	1	0	24.05	-5.82	16.08	<=38.45	Pass
			7	24.07	-5.82	16.10	<=38.45	Pass
			14	24.09	-5.82	16.12	<=38.45	Pass
		8	0	23.09	-5.82	15.12	<=38.45	Pass
			4	23.10	-5.82	15.13	<=38.45	Pass
			7	23.47	-5.82	15.50	<=38.45	Pass
		15	0	23.10	-5.82	15.13	<=38.45	Pass
	847.5	1	0	23.97	-5.82	16.00	<=38.45	Pass
			7	23.71	-5.82	15.74	<=38.45	Pass
			14	24.17	-5.82	16.20	<=38.45	Pass
		8	0	23.04	-5.82	15.07	<=38.45	Pass
			4	23.03	-5.82	15.06	<=38.45	Pass
			7	23.08	-5.82	15.11	<=38.45	Pass
		15	0	23.06	-5.82	15.09	<=38.45	Pass
16QAM	825.5	1	0	23.14	-5.82	15.17	<=38.45	Pass
			7	23.38	-5.82	15.41	<=38.45	Pass
			14	22.82	-5.82	14.85	<=38.45	Pass
		8	0	22.31	-5.82	14.34	<=38.45	Pass
			4	22.19	-5.82	14.22	<=38.45	Pass
			7	22.33	-5.82	14.36	<=38.45	Pass
		15	0	22.23	-5.82	14.26	<=38.45	Pass
	836.5	1	0	23.13	-5.82	15.16	<=38.45	Pass
			7	23.15	-5.82	15.18	<=38.45	Pass
			14	23.28	-5.82	15.31	<=38.45	Pass
		8	0	22.18	-5.82	14.21	<=38.45	Pass
			4	22.21	-5.82	14.24	<=38.45	Pass
			7	22.14	-5.82	14.17	<=38.45	Pass
		15	0	22.15	-5.82	14.18	<=38.45	Pass
	847.5	1	0	23.30	-5.82	15.33	<=38.45	Pass

			7	23.60	-5.82	15.63	<=38.45	Pass
			14	23.17	-5.82	15.20	<=38.45	Pass
64QAM	825.5	8	0	22.12	-5.82	14.15	<=38.45	Pass
			4	22.17	-5.82	14.20	<=38.45	Pass
			7	22.15	-5.82	14.18	<=38.45	Pass
		15	0	22.08	-5.82	14.11	<=38.45	Pass
			1	22.85	-5.82	14.88	<=38.45	Pass
			7	23.23	-5.82	15.26	<=38.45	Pass
			14	23.06	-5.82	15.09	<=38.45	Pass
		8	0	22.24	-5.82	14.27	<=38.45	Pass
			4	22.28	-5.82	14.31	<=38.45	Pass
			7	22.29	-5.82	14.32	<=38.45	Pass
	836.5	15	0	22.20	-5.82	14.23	<=38.45	Pass
			1	23.21	-5.82	15.24	<=38.45	Pass
			7	22.77	-5.82	14.80	<=38.45	Pass
		8	14	22.84	-5.82	14.87	<=38.45	Pass
			0	22.03	-5.82	14.06	<=38.45	Pass
			4	22.14	-5.82	14.17	<=38.45	Pass
			7	22.20	-5.82	14.23	<=38.45	Pass
		15	0	22.09	-5.82	14.12	<=38.45	Pass
			1	22.87	-5.82	14.90	<=38.45	Pass
			7	22.79	-5.82	14.82	<=38.45	Pass
64QAM	847.5	14	14	23.25	-5.82	15.28	<=38.45	Pass
			0	22.02	-5.82	14.05	<=38.45	Pass
			4	22.16	-5.82	14.19	<=38.45	Pass
		8	7	22.11	-5.82	14.14	<=38.45	Pass
			0	22.02	-5.82	14.05	<=38.45	Pass
			7	22.02	-5.82	14.05	<=38.45	Pass
		15	0	22.02	-5.82	14.05	<=38.45	Pass
			0	22.02	-5.82	14.05	<=38.45	Pass
			0	22.02	-5.82	14.05	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B26b_5MHz_ERP

Band: 26b / 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	24.05	-5.82	16.08	<=38.45	Pass
			13	24.16	-5.82	16.19	<=38.45	Pass
			24	24.19	-5.82	16.22	<=38.45	Pass
		12	0	23.14	-5.82	15.17	<=38.45	Pass
			6	23.26	-5.82	15.29	<=38.45	Pass
			13	23.17	-5.82	15.20	<=38.45	Pass
		25	0	23.22	-5.82	15.25	<=38.45	Pass
			1	24.25	-5.82	16.28	<=38.45	Pass
			13	24.11	-5.82	16.14	<=38.45	Pass
	836.5	1	24	24.13	-5.82	16.16	<=38.45	Pass
			0	23.20	-5.82	15.23	<=38.45	Pass
			6	23.18	-5.82	15.21	<=38.45	Pass
		12	13	23.20	-5.82	15.23	<=38.45	Pass
			0	23.12	-5.82	15.15	<=38.45	Pass
			1	24.25	-5.82	16.28	<=38.45	Pass
			13	24.11	-5.82	16.14	<=38.45	Pass
			24	24.13	-5.82	16.16	<=38.45	Pass
	846.5	1	0	24.19	-5.82	16.22	<=38.45	Pass
			13	24.12	-5.82	16.15	<=38.45	Pass
			24	24.08	-5.82	16.11	<=38.45	Pass
		12	0	23.15	-5.82	15.18	<=38.45	Pass
			6	23.13	-5.82	15.16	<=38.45	Pass
			13	23.07	-5.82	15.10	<=38.45	Pass
		25	0	23.15	-5.82	15.18	<=38.45	Pass
			1	24.19	-5.82	16.22	<=38.45	Pass
			13	24.12	-5.82	16.15	<=38.45	Pass
16QAM	826.5	1	0	23.16	-5.82	15.19	<=38.45	Pass
			13	23.38	-5.82	15.41	<=38.45	Pass

		12	24	22.45	-5.82	14.48	<=38.45	Pass
			0	22.24	-5.82	14.27	<=38.45	Pass
			6	22.28	-5.82	14.31	<=38.45	Pass
			13	22.22	-5.82	14.25	<=38.45	Pass
	836.5	25	0	22.25	-5.82	14.28	<=38.45	Pass
			0	23.28	-5.82	15.31	<=38.45	Pass
			13	23.18	-5.82	15.21	<=38.45	Pass
		12	24	23.31	-5.82	15.34	<=38.45	Pass
			0	22.23	-5.82	14.26	<=38.45	Pass
			6	22.21	-5.82	14.24	<=38.45	Pass
			13	22.31	-5.82	14.34	<=38.45	Pass
		25	0	22.17	-5.82	14.20	<=38.45	Pass
	846.5	1	0	23.22	-5.82	15.25	<=38.45	Pass
			13	23.19	-5.82	15.22	<=38.45	Pass
			24	23.07	-5.82	15.10	<=38.45	Pass
		12	0	22.15	-5.82	14.18	<=38.45	Pass
			6	22.22	-5.82	14.25	<=38.45	Pass
			13	22.10	-5.82	14.13	<=38.45	Pass
		25	0	22.14	-5.82	14.17	<=38.45	Pass
			0	23.12	-5.82	15.15	<=38.45	Pass
64QAM	826.5	1	13	23.05	-5.82	15.08	<=38.45	Pass
			24	22.97	-5.82	15.00	<=38.45	Pass
			0	22.22	-5.82	14.25	<=38.45	Pass
		12	6	22.26	-5.82	14.29	<=38.45	Pass
			13	22.23	-5.82	14.26	<=38.45	Pass
		25	0	22.20	-5.82	14.23	<=38.45	Pass
	836.5	1	0	23.54	-5.82	15.57	<=38.45	Pass
			13	23.17	-5.82	15.20	<=38.45	Pass
			24	23.10	-5.82	15.13	<=38.45	Pass
		12	0	22.20	-5.82	14.23	<=38.45	Pass
			6	22.23	-5.82	14.26	<=38.45	Pass
			13	22.21	-5.82	14.24	<=38.45	Pass
	846.5	25	0	22.16	-5.82	14.19	<=38.45	Pass
			0	22.94	-5.82	14.97	<=38.45	Pass
			13	23.18	-5.82	15.21	<=38.45	Pass
		1	24	23.03	-5.82	15.06	<=38.45	Pass
			0	22.10	-5.82	14.13	<=38.45	Pass
			6	22.19	-5.82	14.22	<=38.45	Pass
		12	13	22.17	-5.82	14.20	<=38.45	Pass
			0	22.16	-5.82	14.19	<=38.45	Pass
			0	22.16	-5.82	14.19	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B26b_10MHz_ERP

Band: 26b / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	24.13	-5.82	16.16	<=38.45	Pass
			25	24.20	-5.82	16.23	<=38.45	Pass
			49	24.19	-5.82	16.22	<=38.45	Pass
		25	0	23.22	-5.82	15.25	<=38.45	Pass
			13	23.31	-5.82	15.34	<=38.45	Pass
			25	23.28	-5.82	15.31	<=38.45	Pass
		50	0	23.24	-5.82	15.27	<=38.45	Pass
			0	24.28	-5.82	16.31	<=38.45	Pass
	836.5	1	25	23.45	-5.82	15.48	<=38.45	Pass
			49	24.03	-5.82	16.06	<=38.45	Pass

		25	0	23.23	-5.82	15.26	<=38.45	Pass
			13	23.19	-5.82	15.22	<=38.45	Pass
			25	23.19	-5.82	15.22	<=38.45	Pass
		50	0	23.13	-5.82	15.16	<=38.45	Pass
	844	1	0	24.12	-5.82	16.15	<=38.45	Pass
			25	24.07	-5.82	16.10	<=38.45	Pass
			49	24.09	-5.82	16.12	<=38.45	Pass
		25	0	23.15	-5.82	15.18	<=38.45	Pass
			13	23.18	-5.82	15.21	<=38.45	Pass
			25	23.18	-5.82	15.21	<=38.45	Pass
		50	0	23.11	-5.82	15.14	<=38.45	Pass
16QAM	829	1	0	23.19	-5.82	15.22	<=38.45	Pass
			25	23.23	-5.82	15.26	<=38.45	Pass
			49	23.14	-5.82	15.17	<=38.45	Pass
		25	0	22.21	-5.82	14.24	<=38.45	Pass
			13	22.33	-5.82	14.36	<=38.45	Pass
			25	22.28	-5.82	14.31	<=38.45	Pass
		50	0	22.30	-5.82	14.33	<=38.45	Pass
	836.5	1	0	23.26	-5.82	15.29	<=38.45	Pass
			25	23.11	-5.82	15.14	<=38.45	Pass
			49	22.75	-5.82	14.78	<=38.45	Pass
		25	0	22.24	-5.82	14.27	<=38.45	Pass
			13	22.21	-5.82	14.24	<=38.45	Pass
			25	22.26	-5.82	14.29	<=38.45	Pass
		50	0	22.19	-5.82	14.22	<=38.45	Pass
	844	1	0	22.99	-5.82	15.02	<=38.45	Pass
			25	23.11	-5.82	15.14	<=38.45	Pass
			49	23.36	-5.82	15.39	<=38.45	Pass
		25	0	22.12	-5.82	14.15	<=38.45	Pass
			13	22.06	-5.82	14.09	<=38.45	Pass
			25	22.19	-5.82	14.22	<=38.45	Pass
		50	0	22.17	-5.82	14.20	<=38.45	Pass
64QAM	829	1	0	23.23	-5.82	15.26	<=38.45	Pass
			25	23.24	-5.82	15.27	<=38.45	Pass
			49	22.88	-5.82	14.91	<=38.45	Pass
		25	0	22.20	-5.82	14.23	<=38.45	Pass
			13	22.23	-5.82	14.26	<=38.45	Pass
			25	22.28	-5.82	14.31	<=38.45	Pass
		50	0	22.24	-5.82	14.27	<=38.45	Pass
	836.5	1	0	23.02	-5.82	15.05	<=38.45	Pass
			25	23.05	-5.82	15.08	<=38.45	Pass
			49	22.94	-5.82	14.97	<=38.45	Pass
		25	0	22.15	-5.82	14.18	<=38.45	Pass
			13	22.22	-5.82	14.25	<=38.45	Pass
			25	22.18	-5.82	14.21	<=38.45	Pass
	50	0	22.27	-5.82	14.30	<=38.45	Pass	
	844	1	0	22.90	-5.82	14.93	<=38.45	Pass
			25	22.97	-5.82	15.00	<=38.45	Pass
			49	23.42	-5.82	15.45	<=38.45	Pass
		25	0	22.11	-5.82	14.14	<=38.45	Pass
			13	22.06	-5.82	14.09	<=38.45	Pass
25			22.17	-5.82	14.20	<=38.45	Pass	
50	0	22.20	-5.82	14.23	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.5 B26b_15MHz_ERP

Band: 26b / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	831.5	1	0	23.83	-5.82	15.86	<=38.45	Pass
			38	24.20	-5.82	16.23	<=38.45	Pass
			74	24.16	-5.82	16.19	<=38.45	Pass
		36	0	23.17	-5.82	15.20	<=38.45	Pass
			18	23.15	-5.82	15.18	<=38.45	Pass
			39	23.18	-5.82	15.21	<=38.45	Pass
		75	0	23.14	-5.82	15.17	<=38.45	Pass
	836.5	1	0	24.19	-5.82	16.22	<=38.45	Pass
			38	23.59	-5.82	15.62	<=38.45	Pass
			74	24.21	-5.82	16.24	<=38.45	Pass
		36	0	23.15	-5.82	15.18	<=38.45	Pass
			18	23.17	-5.82	15.20	<=38.45	Pass
			39	23.19	-5.82	15.22	<=38.45	Pass
		75	0	23.18	-5.82	15.21	<=38.45	Pass
	841.5	1	0	24.28	-5.82	16.31	<=38.45	Pass
			38	24.50	-5.82	16.53	<=38.45	Pass
			74	24.04	-5.82	16.07	<=38.45	Pass
		36	0	23.08	-5.82	15.11	<=38.45	Pass
			18	23.20	-5.82	15.23	<=38.45	Pass
			39	23.16	-5.82	15.19	<=38.45	Pass
		75	0	23.22	-5.82	15.25	<=38.45	Pass
16QAM	831.5	1	0	23.22	-5.82	15.25	<=38.45	Pass
			38	22.80	-5.82	14.83	<=38.45	Pass
			74	23.33	-5.82	15.36	<=38.45	Pass
		36	0	22.15	-5.82	14.18	<=38.45	Pass
			18	22.21	-5.82	14.24	<=38.45	Pass
			39	22.23	-5.82	14.26	<=38.45	Pass
		75	0	22.23	-5.82	14.26	<=38.45	Pass
	836.5	1	0	23.03	-5.82	15.06	<=38.45	Pass
			38	23.34	-5.82	15.37	<=38.45	Pass
			74	23.17	-5.82	15.20	<=38.45	Pass
		36	0	22.17	-5.82	14.20	<=38.45	Pass
			18	22.21	-5.82	14.24	<=38.45	Pass
			39	22.21	-5.82	14.24	<=38.45	Pass
		75	0	22.17	-5.82	14.20	<=38.45	Pass
	841.5	1	0	23.12	-5.82	15.15	<=38.45	Pass
			38	23.07	-5.82	15.10	<=38.45	Pass
			74	23.29	-5.82	15.32	<=38.45	Pass
		36	0	22.17	-5.82	14.20	<=38.45	Pass
			18	22.21	-5.82	14.24	<=38.45	Pass
			39	22.21	-5.82	14.24	<=38.45	Pass
		75	0	22.14	-5.82	14.17	<=38.45	Pass
64QAM	831.5	1	0	23.03	-5.82	15.06	<=38.45	Pass
			38	22.86	-5.82	14.89	<=38.45	Pass
			74	22.97	-5.82	15.00	<=38.45	Pass
		36	0	22.17	-5.82	14.20	<=38.45	Pass
			18	22.15	-5.82	14.18	<=38.45	Pass
			39	22.30	-5.82	14.33	<=38.45	Pass
		75	0	22.24	-5.82	14.27	<=38.45	Pass
	836.5	1	0	23.20	-5.82	15.23	<=38.45	Pass
			38	23.21	-5.82	15.24	<=38.45	Pass
			74	23.09	-5.82	15.12	<=38.45	Pass
		36	0	22.17	-5.82	14.20	<=38.45	Pass
			18	22.18	-5.82	14.21	<=38.45	Pass
			39	22.21	-5.82	14.24	<=38.45	Pass
		75	0	22.19	-5.82	14.22	<=38.45	Pass

	841.5	1	0	22.79	-5.82	14.82	<=38.45	Pass
			38	22.87	-5.82	14.90	<=38.45	Pass
			74	21.97	-5.82	14.00	<=38.45	Pass
		36	0	22.14	-5.82	14.17	<=38.45	Pass
			18	22.21	-5.82	14.24	<=38.45	Pass
			39	22.21	-5.82	14.24	<=38.45	Pass
		75	0	22.14	-5.82	14.17	<=38.45	Pass
		Note1: ERP=Conducted Power+Antenna Gain-2.15						

2. Frequency Stability

2.1 Test Result

2.1.1 B26b_10MHz

Band: 26b / 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	-0.200	-0.0002	-2.5 to 2.5	Pass
					NV	-0.700	-0.0008	-2.5 to 2.5	Pass
					HV	-1.500	-0.0018	-2.5 to 2.5	Pass
				-30	NV	-2.300	-0.0027	-2.5 to 2.5	Pass
				-20	NV	-1.500	-0.0018	-2.5 to 2.5	Pass
				-10	NV	-1.000	-0.0012	-2.5 to 2.5	Pass
				0	NV	-0.400	-0.0005	-2.5 to 2.5	Pass
				10	NV	-1.100	-0.0013	-2.5 to 2.5	Pass
				30	NV	-0.900	-0.0011	-2.5 to 2.5	Pass
				40	NV	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	NV	-0.600	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26b_OBW

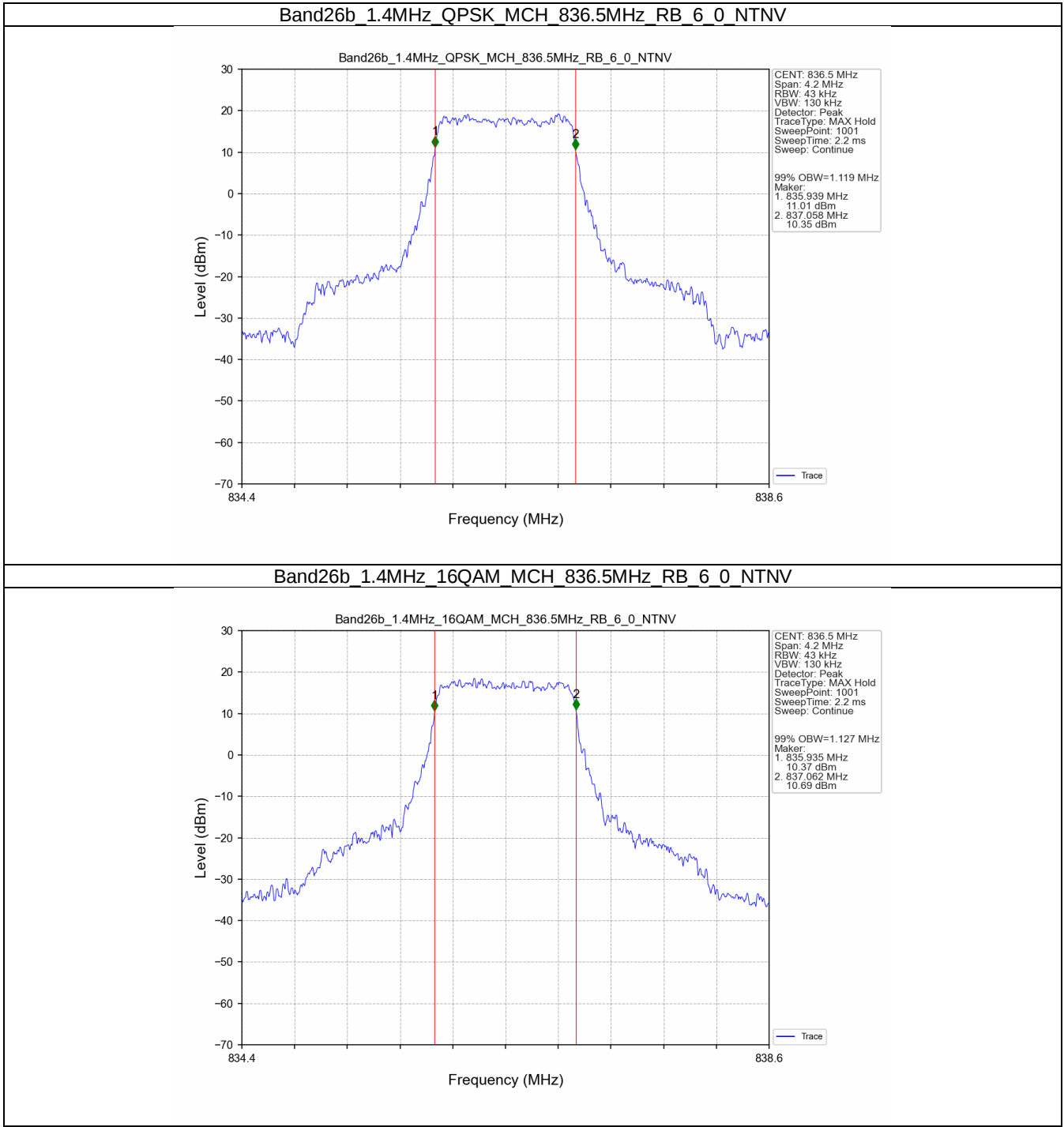
Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.119	/	Pass
	16QAM	836.5	6	0	1.127	/	Pass
3	QPSK	836.5	15	0	2.739	/	Pass
	16QAM	836.5	15	0	2.748	/	Pass
5	QPSK	836.5	25	0	4.552	/	Pass
	16QAM	836.5	25	0	4.536	/	Pass
10	QPSK	836.5	50	0	9.067	/	Pass
	16QAM	836.5	50	0	9.103	/	Pass
15	QPSK	836.5	75	0	13.600	/	Pass
	16QAM	836.5	75	0	13.610	/	Pass

3.1.2 Band26b_XDB

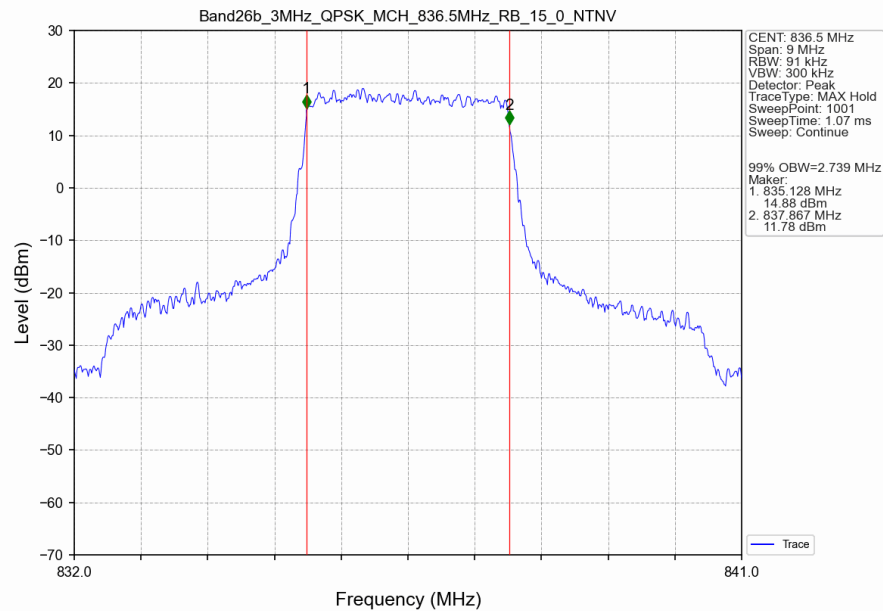
Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.398	/	Pass
	16QAM	836.5	6	0	1.439	/	Pass
3	QPSK	836.5	15	0	3.124	/	Pass
	16QAM	836.5	15	0	3.146	/	Pass
5	QPSK	836.5	25	0	5.230	/	Pass
	16QAM	836.5	25	0	5.208	/	Pass
10	QPSK	836.5	50	0	10.097	/	Pass
	16QAM	836.5	50	0	10.172	/	Pass
15	QPSK	836.5	75	0	15.327	/	Pass
	16QAM	836.5	75	0	15.090	/	Pass

3.2 Test Graph

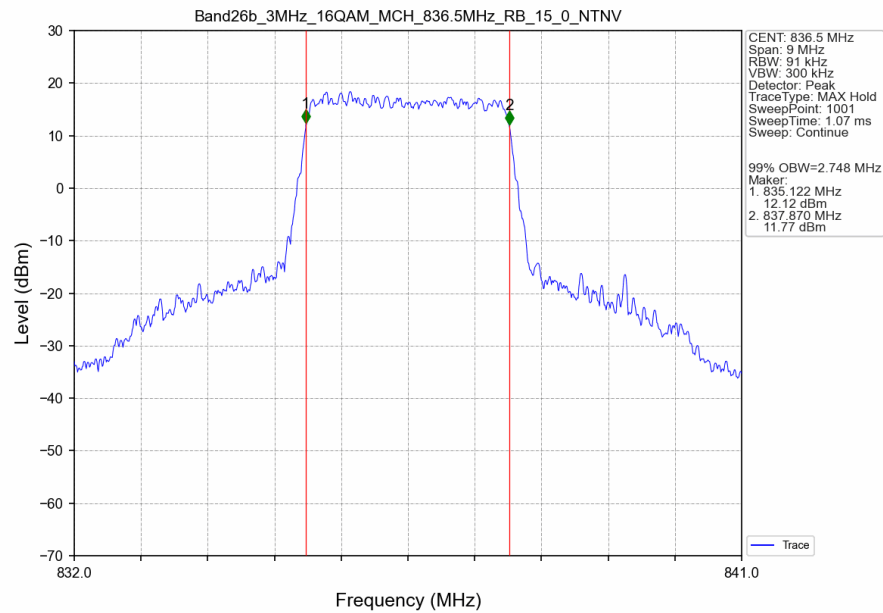
3.2.1 Band26b_OBW



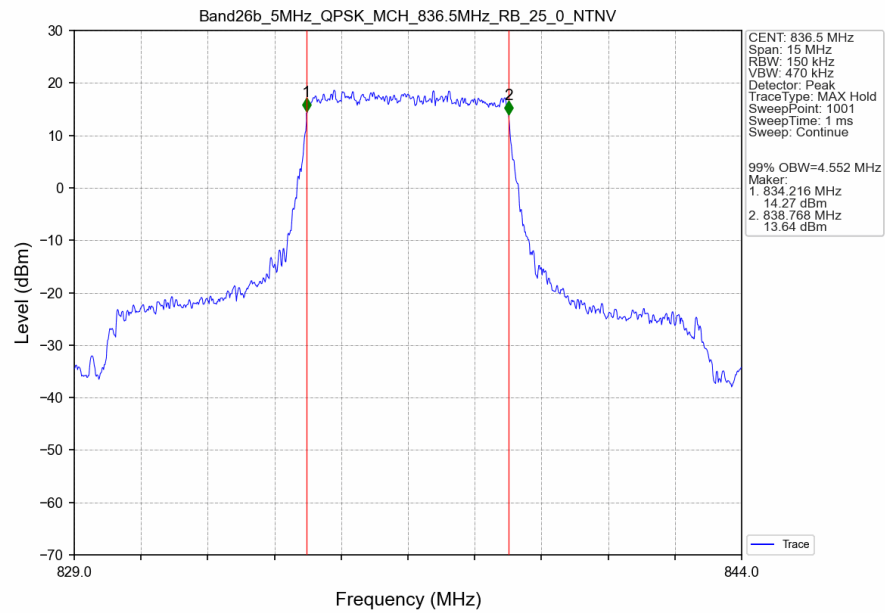
Band26b 3MHz QPSK MCH 836.5MHz RB 15 0 NTV



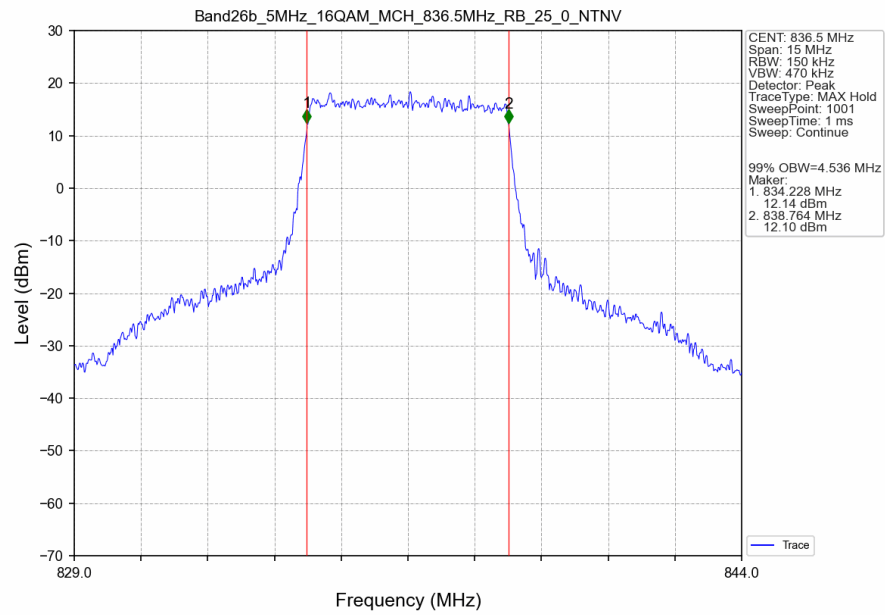
Band26b 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



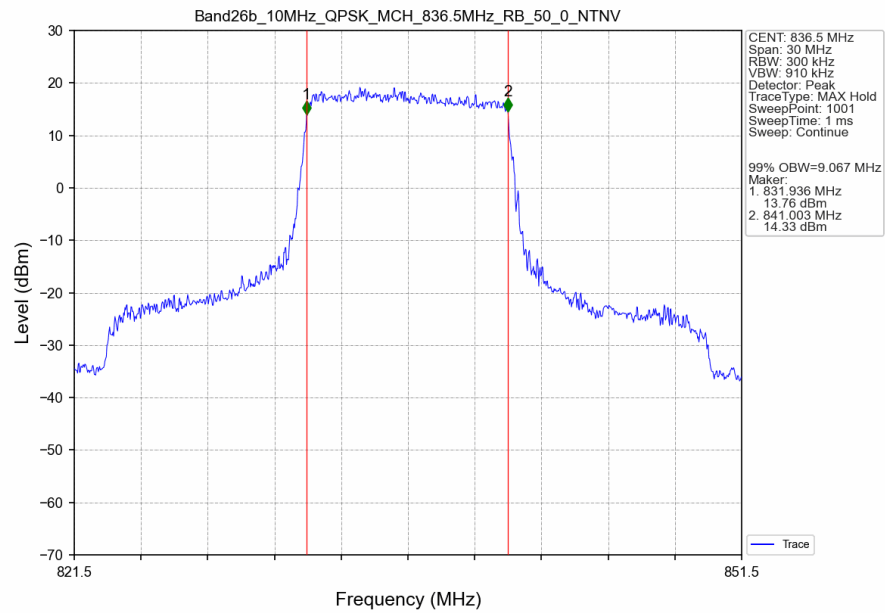
Band26b 5MHz QPSK MCH 836.5MHz RB 25 0 NTV



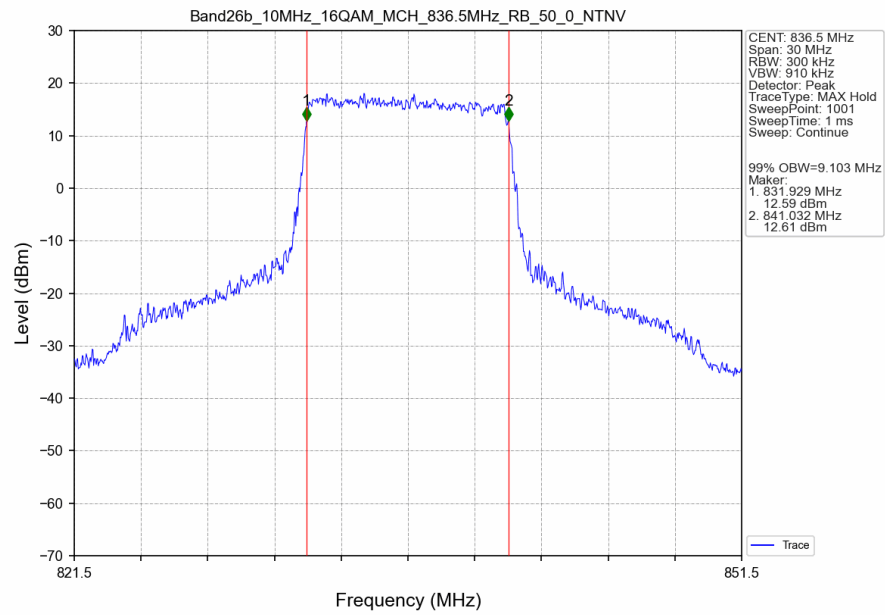
Band26b 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



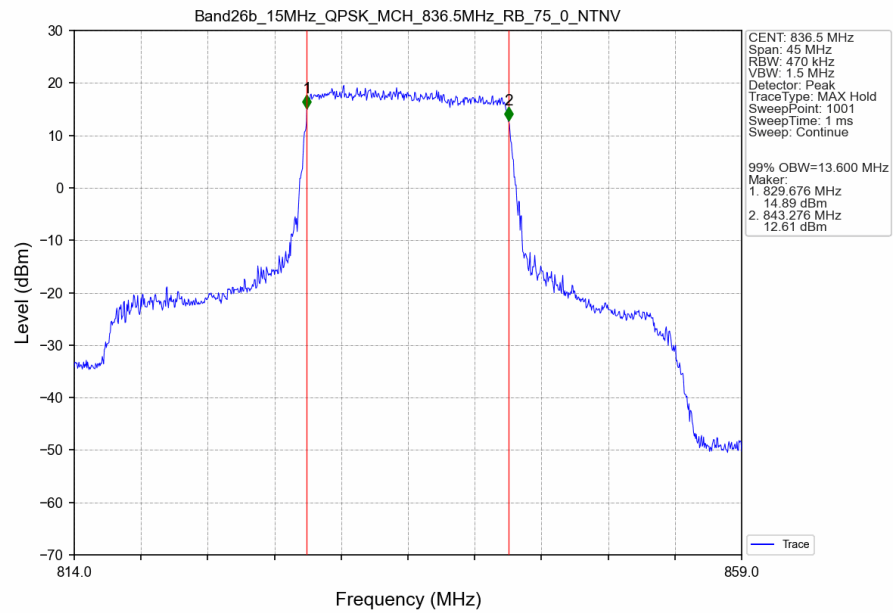
Band26b 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



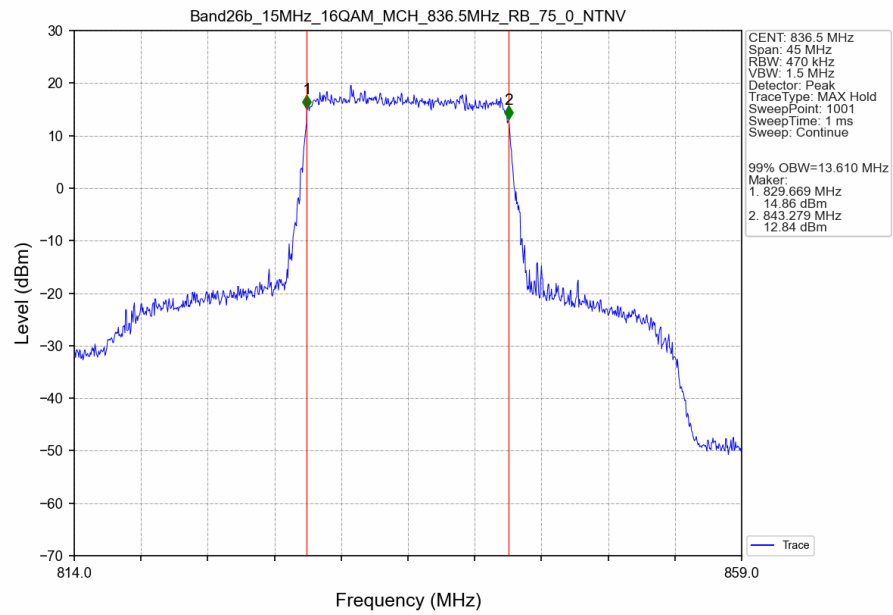
Band26b 10MHz 16QAM MCH 836.5MHz RB 50 0 NTN



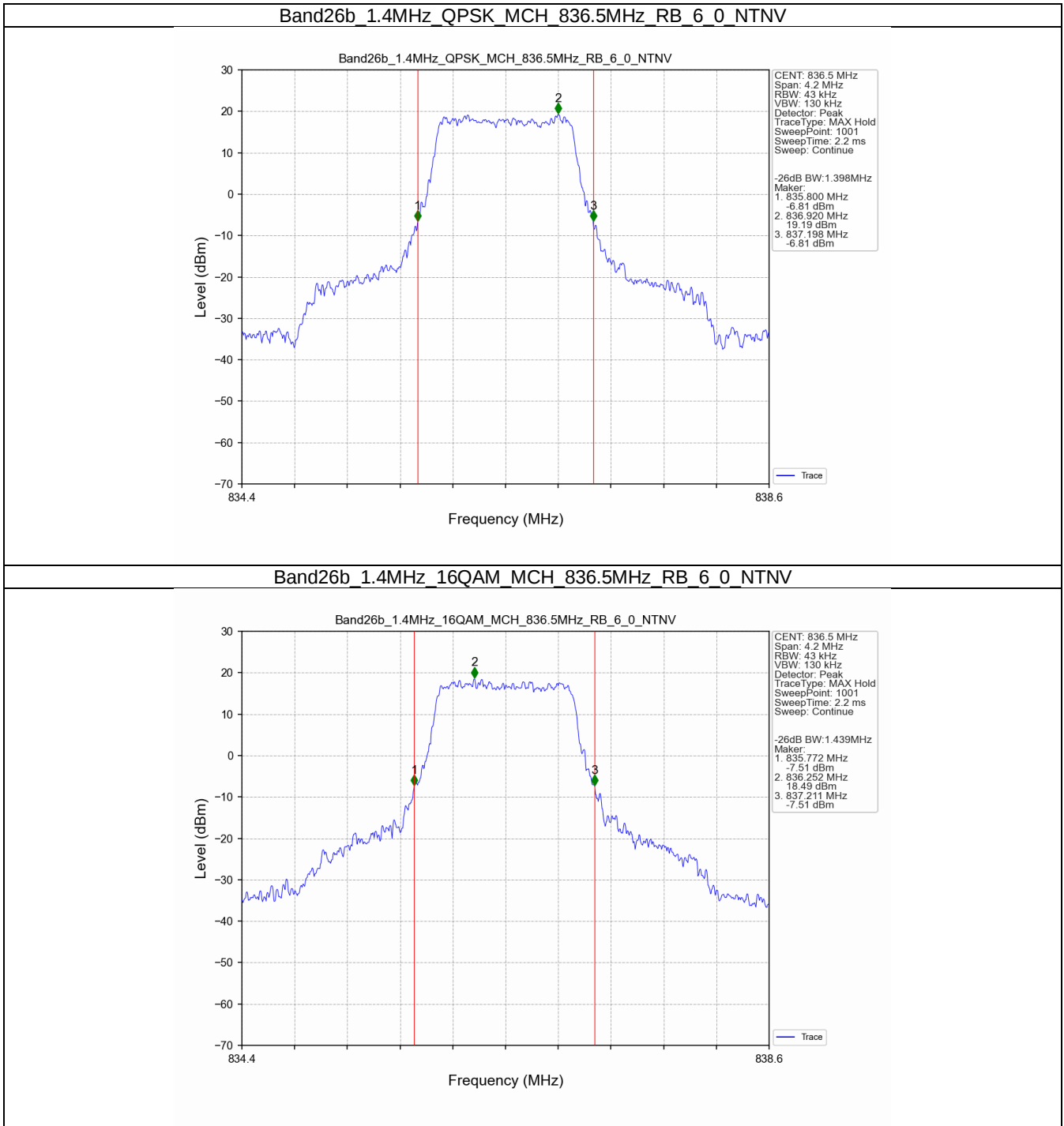
Band26b 15MHz QPSK MCH 836.5MHz RB 75 0 NTNV



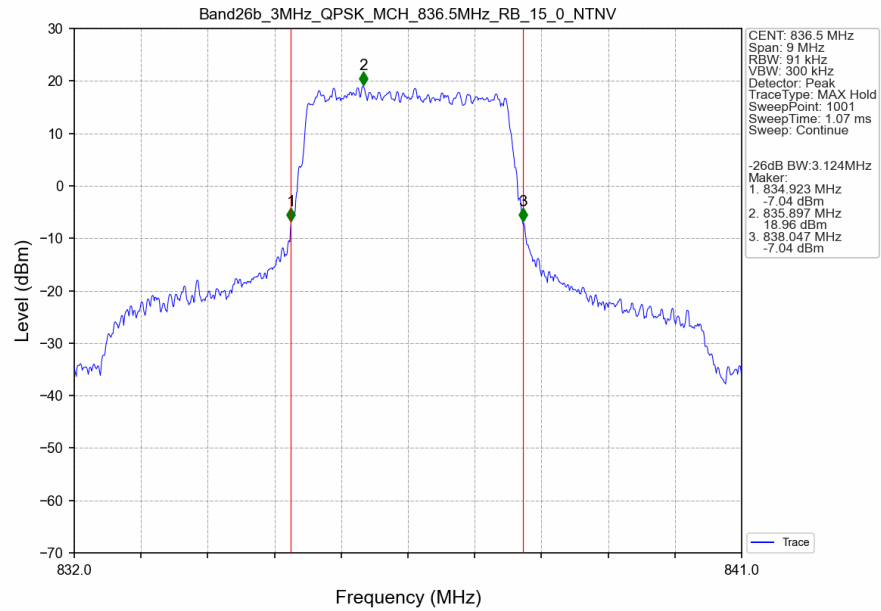
Band26b 15MHz 16QAM MCH 836.5MHz RB 75 0 NTNV



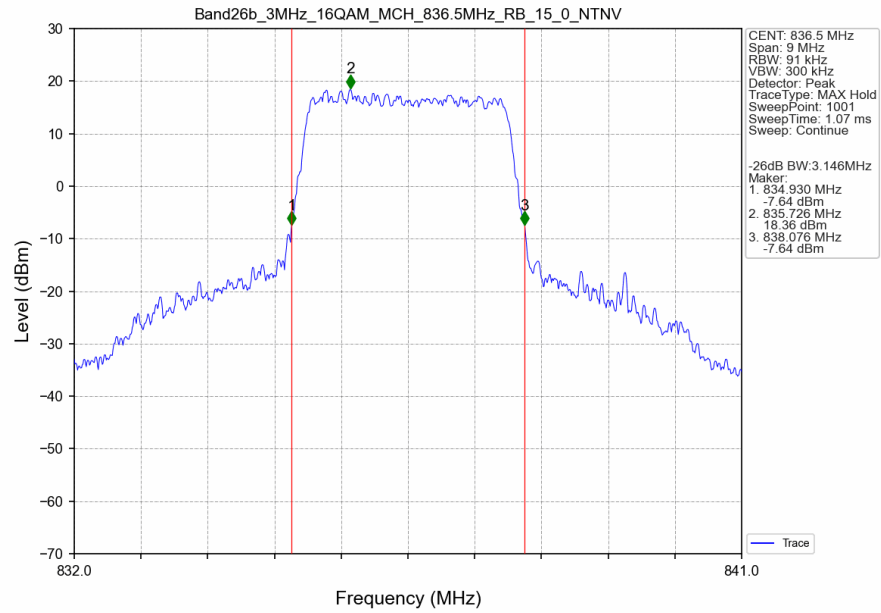
3.2.2 Band26b_XDB



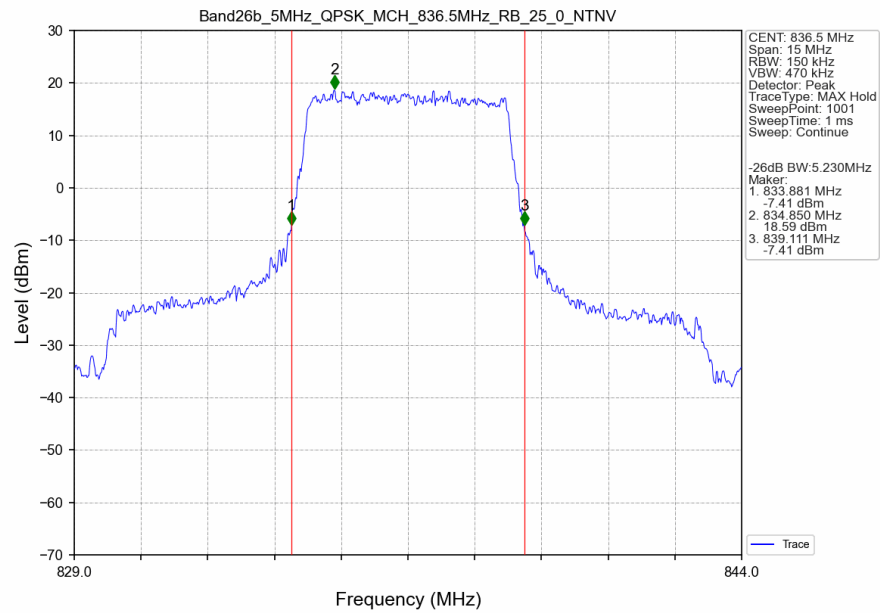
Band26b 3MHz QPSK MCH 836.5MHz RB 15 0 NTV



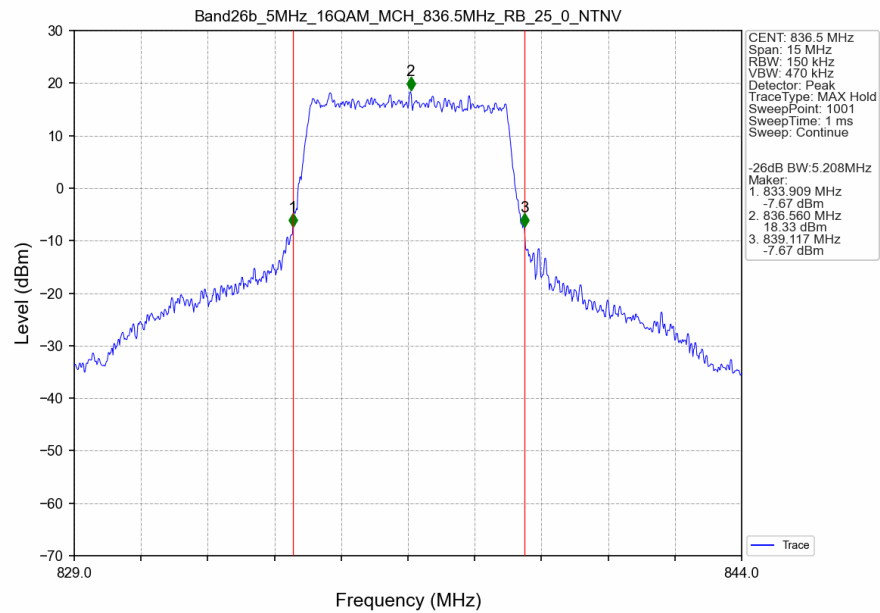
Band26b 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



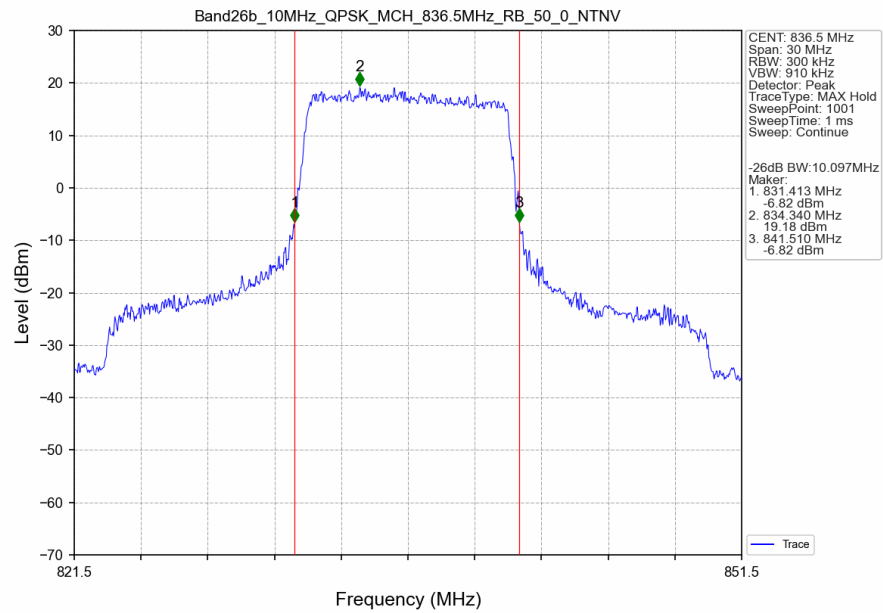
Band26b 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



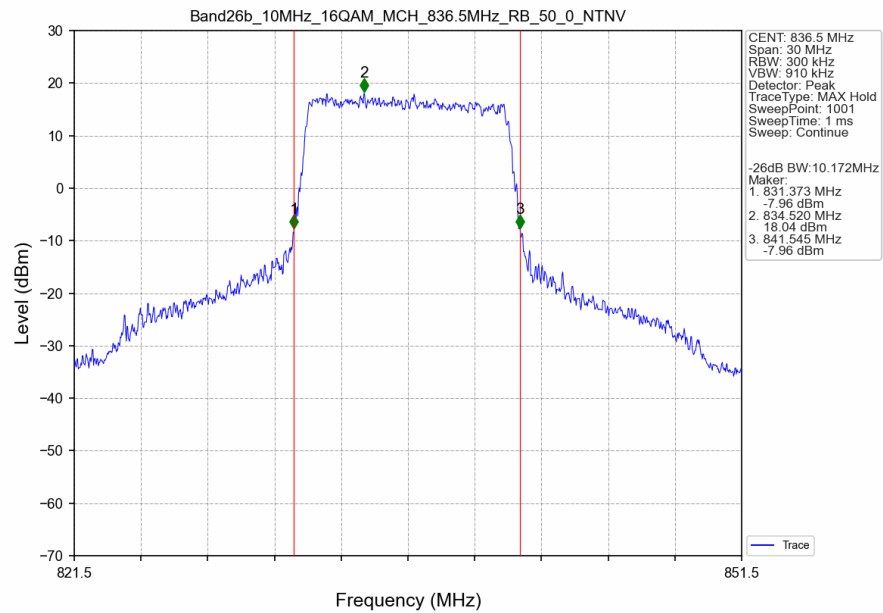
Band26b 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN



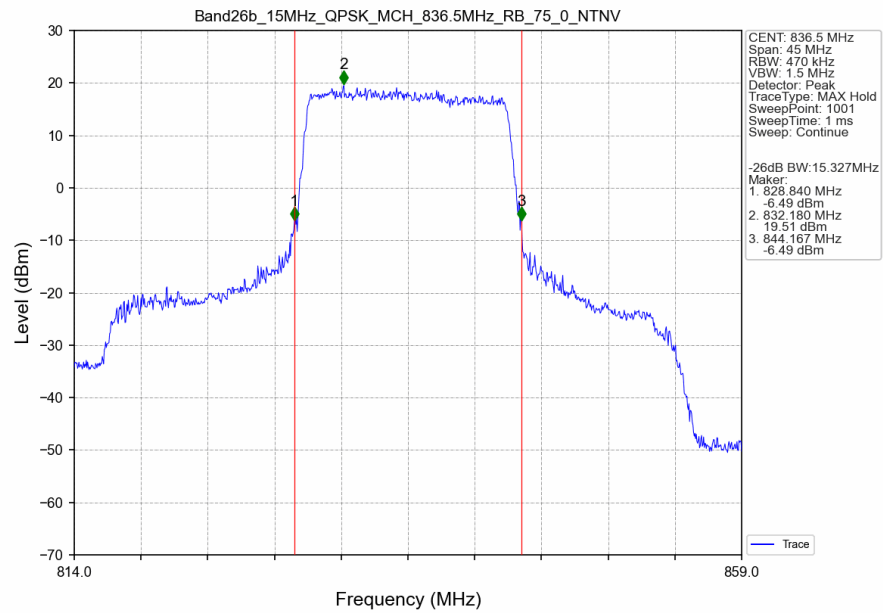
Band26b 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



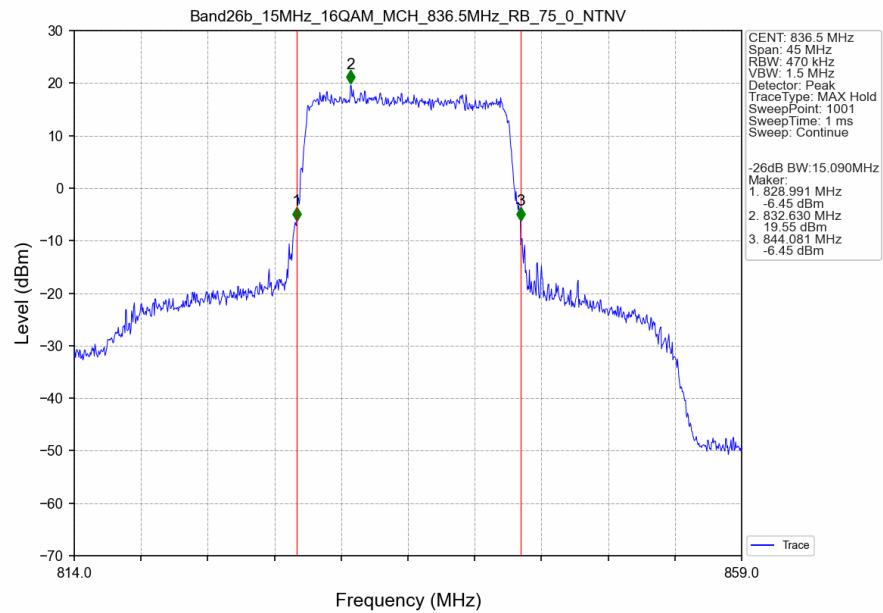
Band26b 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band26b 15MHz QPSK MCH 836.5MHz RB 75 0 NTV



Band26b 15MHz 16QAM MCH 836.5MHz RB 75 0 NTV



4. Peak-Average Ratio

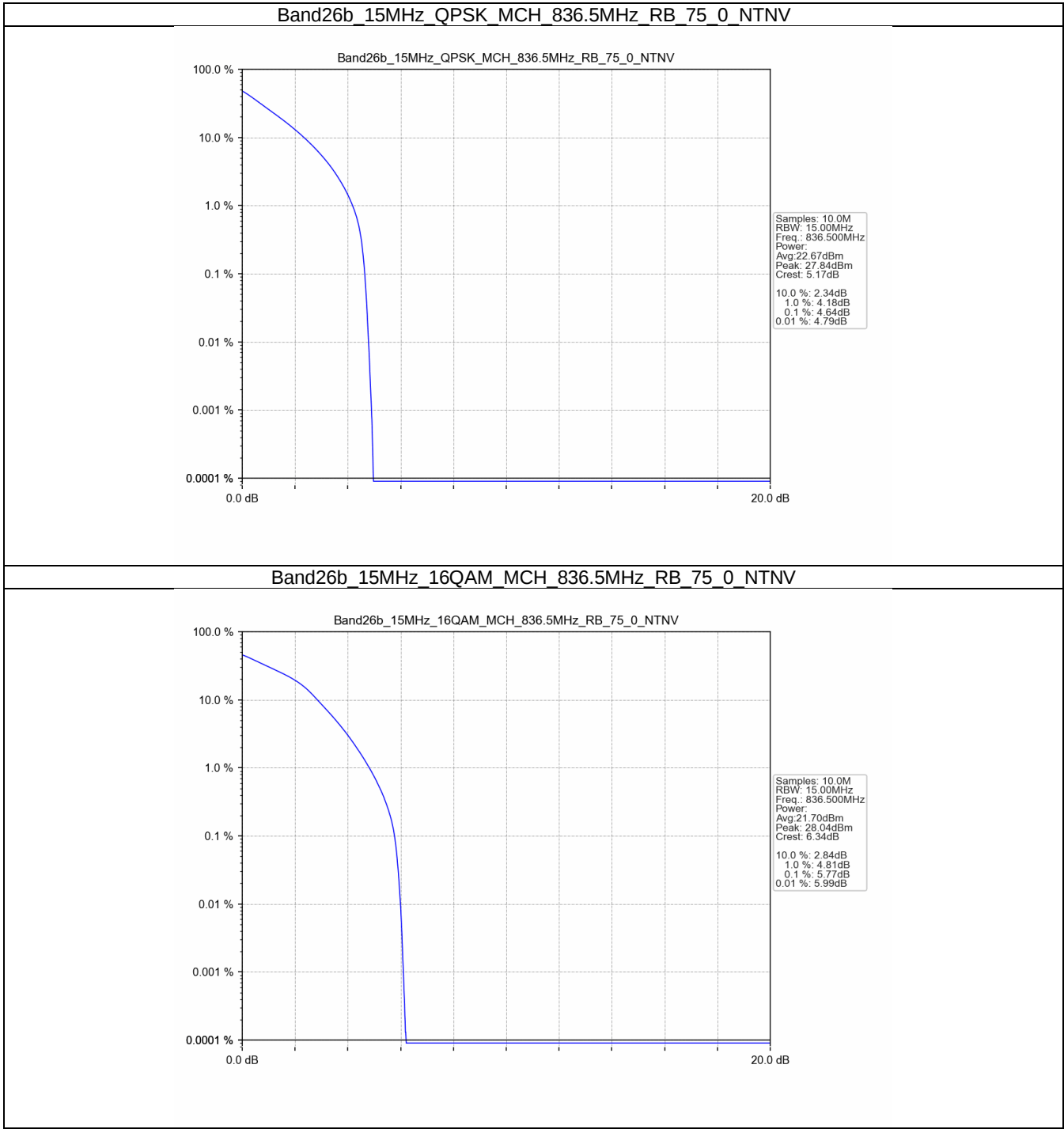
4.1 Test Result

4.1.1 B26b_15MHz

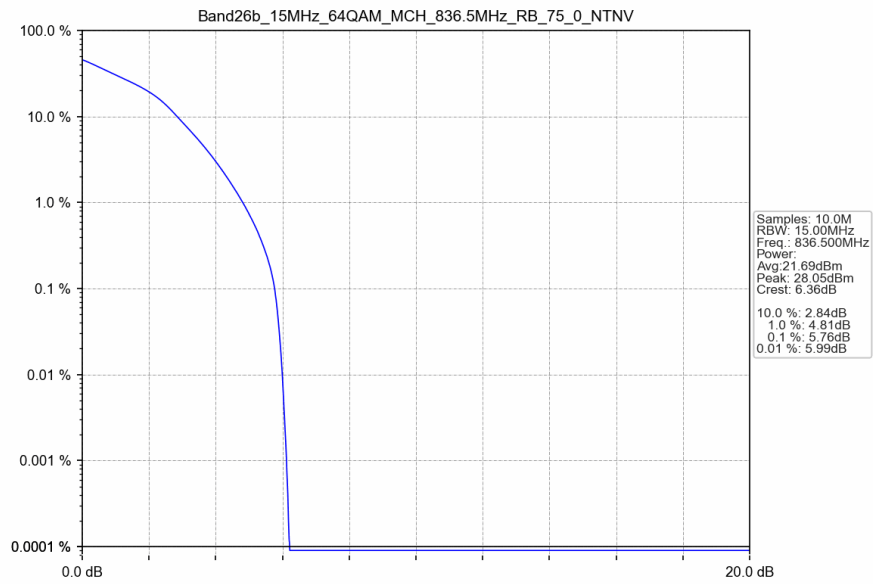
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	75	0	4.64	<=13	Pass
16QAM	836.5	75	0	5.77	<=13	Pass
64QAM	836.5	75	0	5.76	<=13	Pass

4.2 Test Graph

4.2.1 B26b_15MHz



Band26b 15MHz 64QAM MCH 836.5MHz RB 75 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B26b_1.4MHz

Band: 26b / 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 B26b_3MHz

Band: 26b / 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 B26b_5MHz

Band: 26b / 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 B26b_10MHz

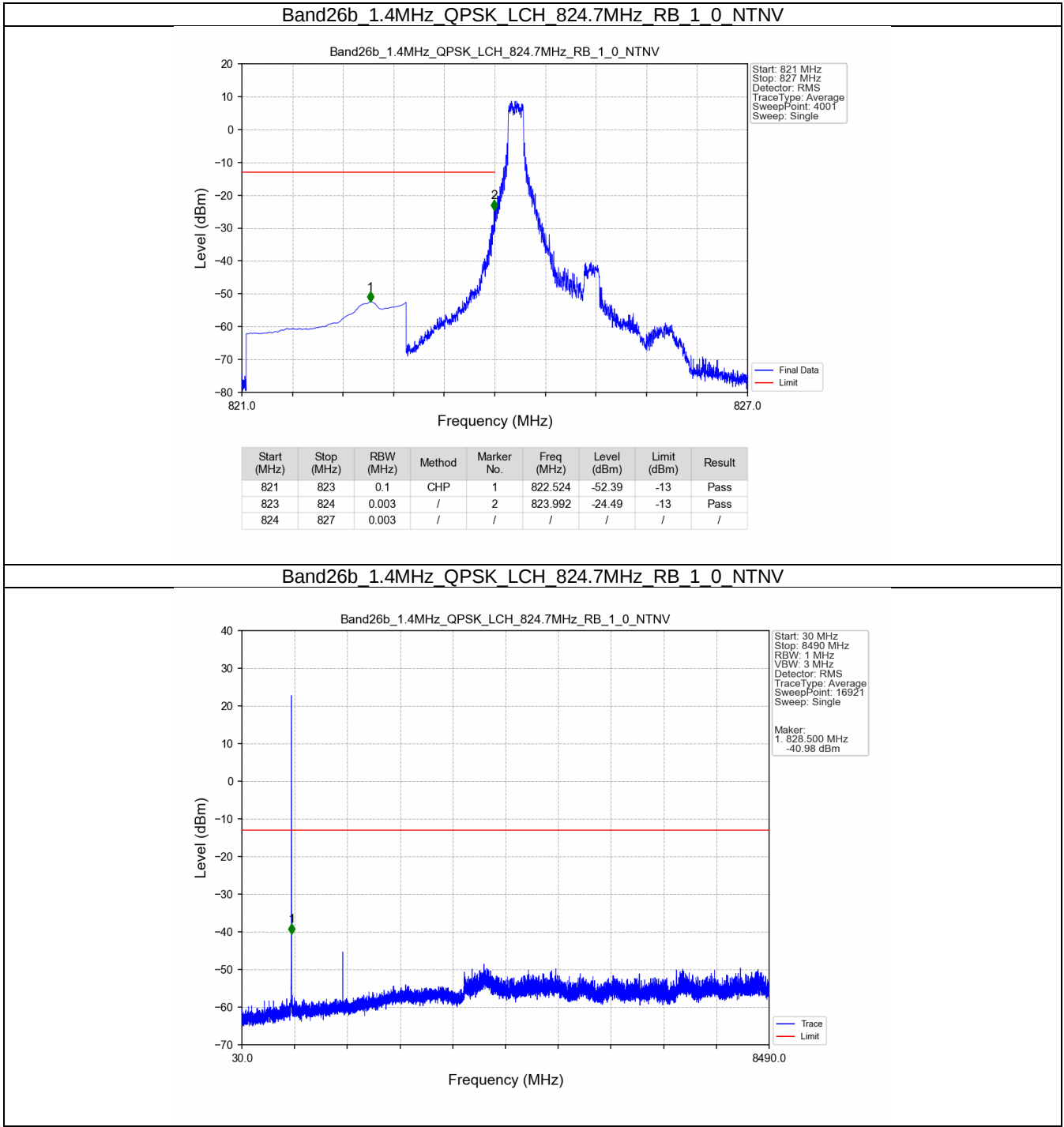
Band: 26b / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B26b_15MHz

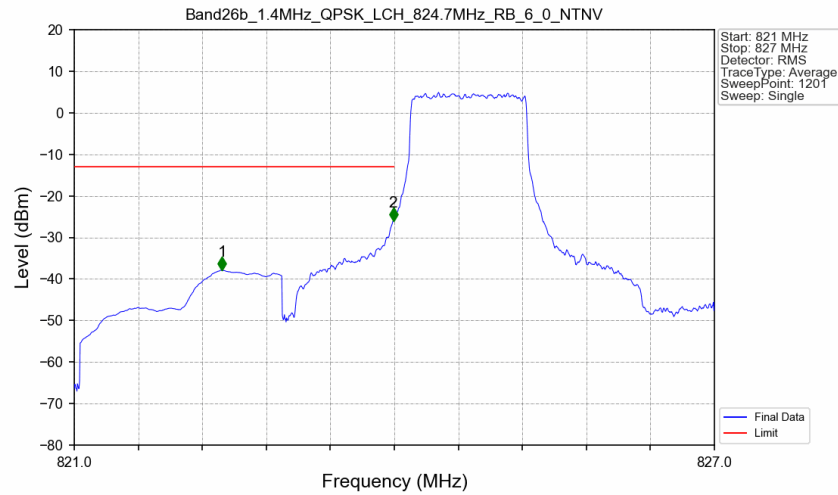
Band: 26b / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B26b_1.4MHz

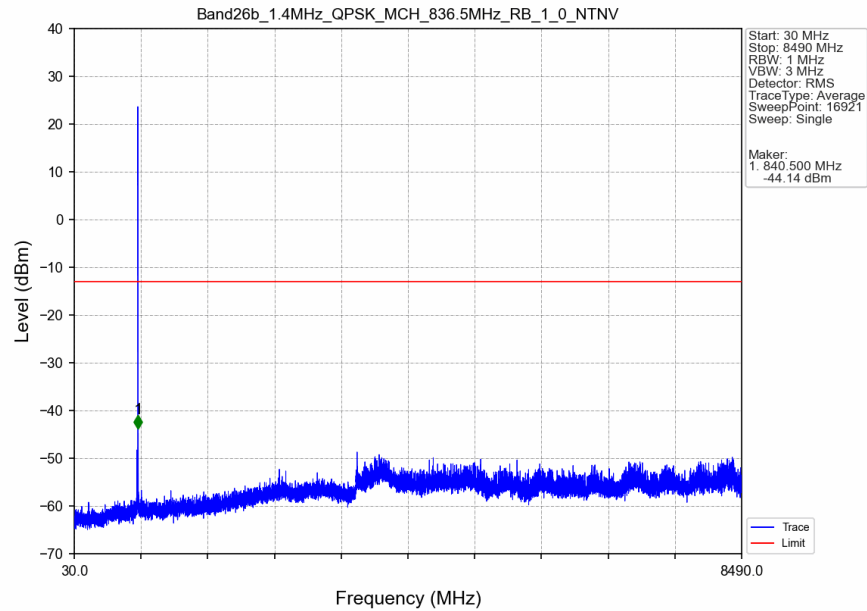


Band26b 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV

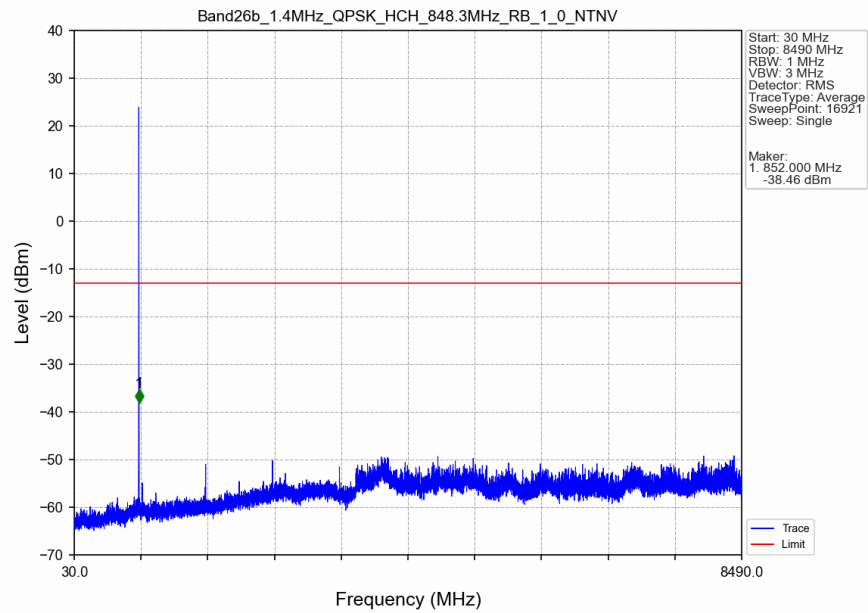


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.385	-37.88	-13	Pass
823	824	0.014	CHP	2	823.990	-26.08	-13	Pass
824	827	0.014	CHP	/	/	/	/	/

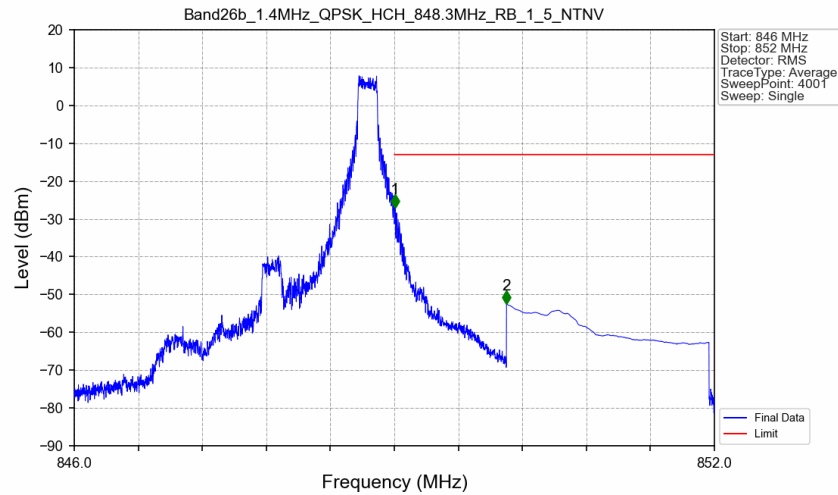
Band26b 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band26b 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

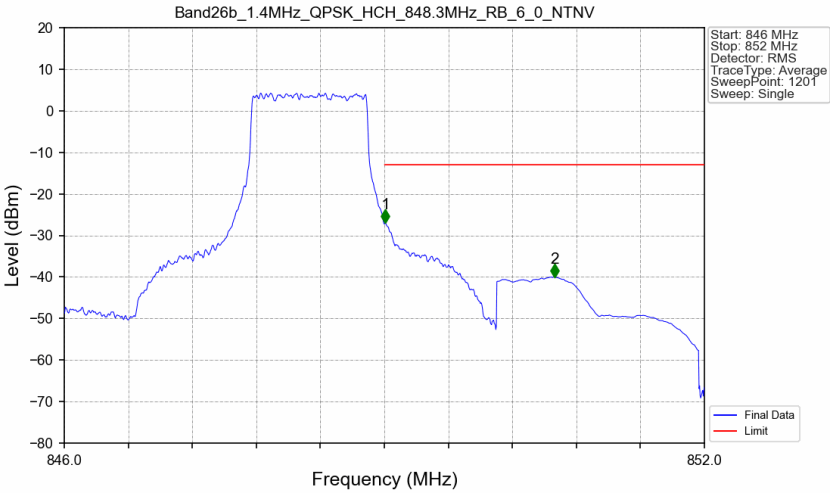


Band26b 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



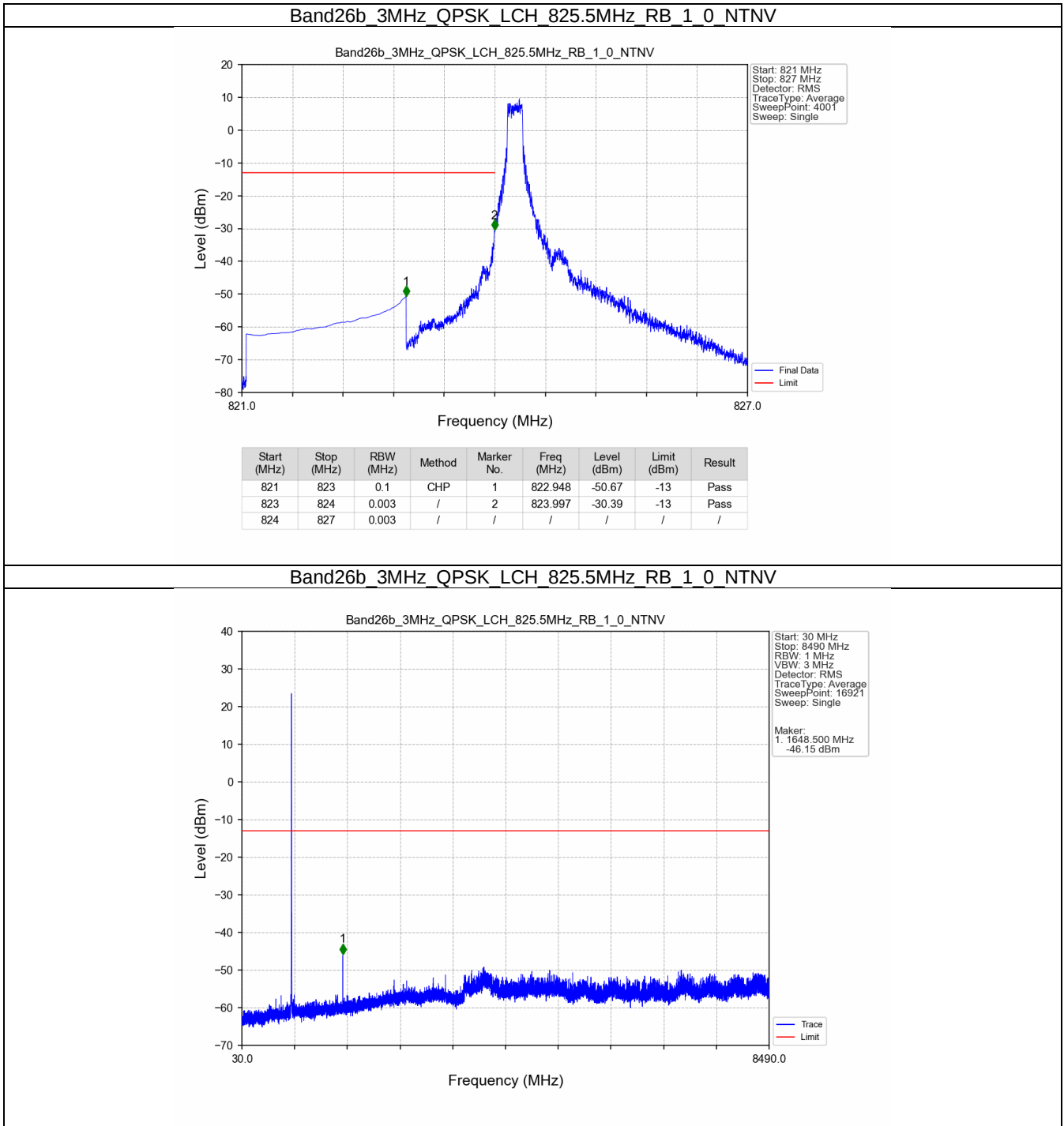
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-26.95	-13	Pass
850	852	0.1	CHP	2	850.052	-52.44	-13	Pass

Band26b 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV

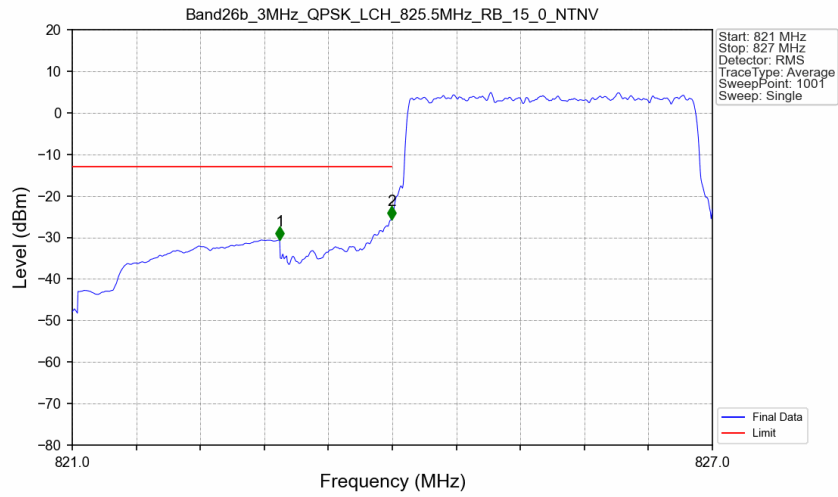


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.014	CHP	/	/	/	/	/
849	850	0.014	CHP	1	849.010	-26.94	-13	Pass
850	852	0.1	CHP	2	850.595	-39.97	-13	Pass

5.2.2 B26b_3MHz

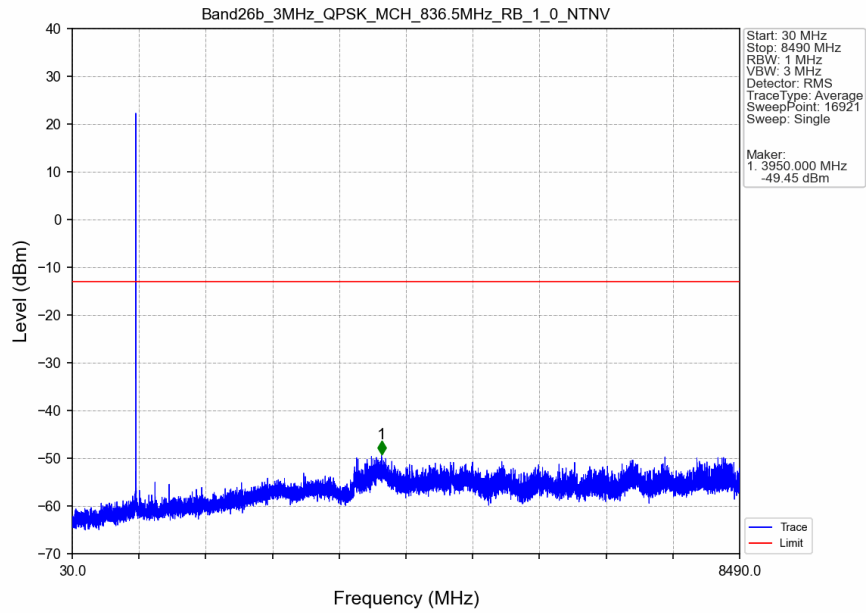


Band26b 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV

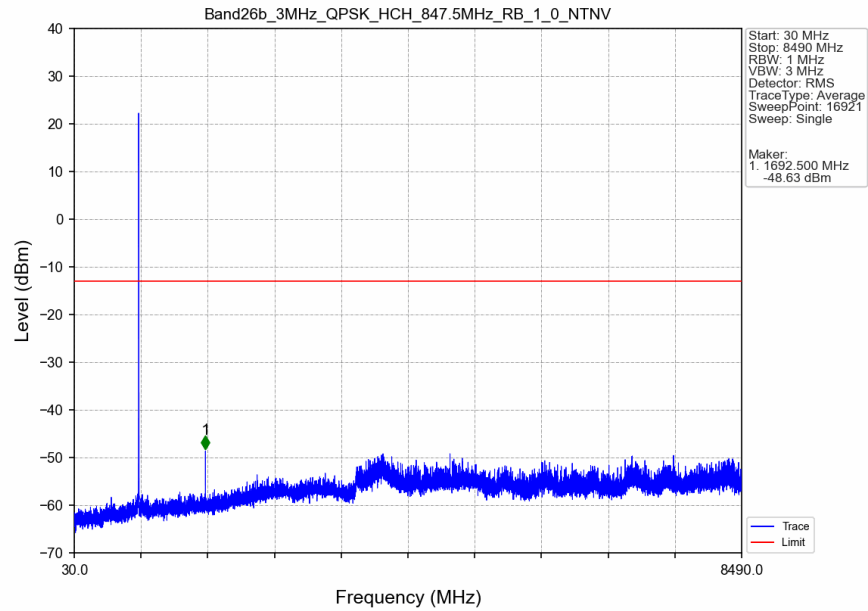


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-30.58	-13	Pass
823	824	0.031	CHP	2	823.994	-25.72	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

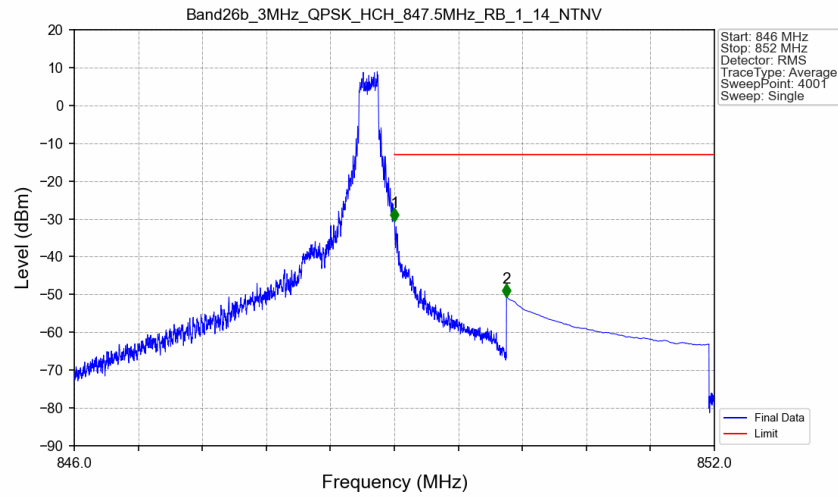
Band26b 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band26b 3MHz QPSK HCH 847.5MHz RB 1 0 NTV

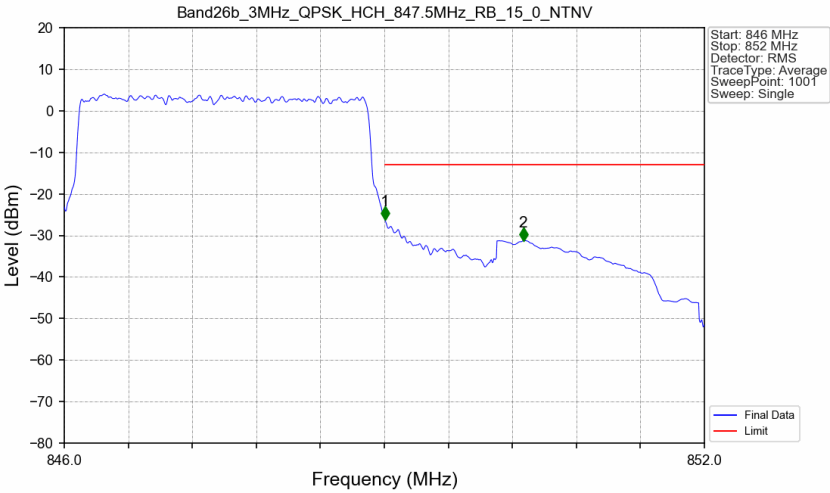


Band26b 3MHz QPSK HCH 847.5MHz RB 1 14 NTV



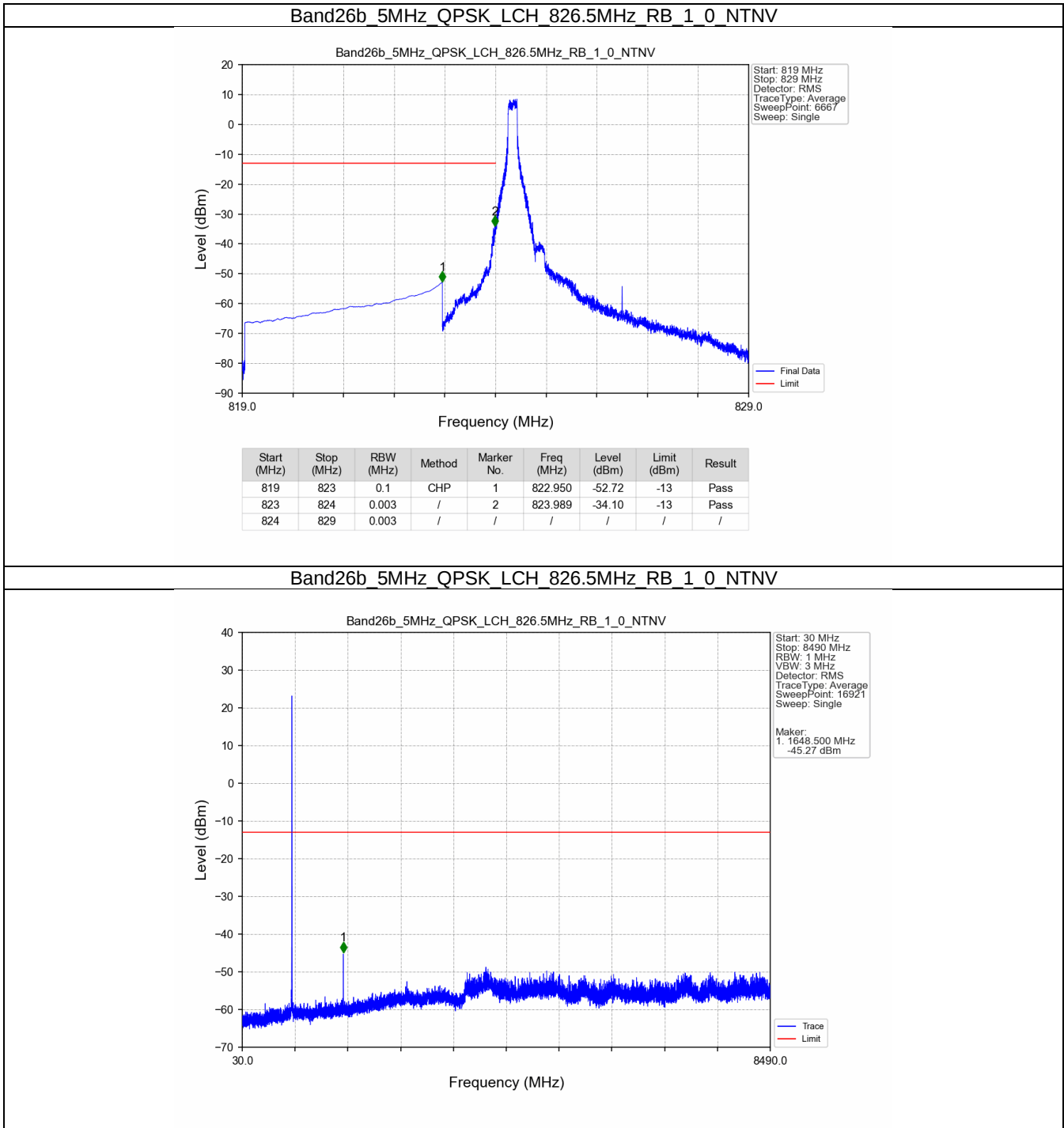
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-30.66	-13	Pass
850	852	0.1	CHP	2	850.052	-50.72	-13	Pass

Band26b 3MHz QPSK HCH 847.5MHz RB 15 0 NTV

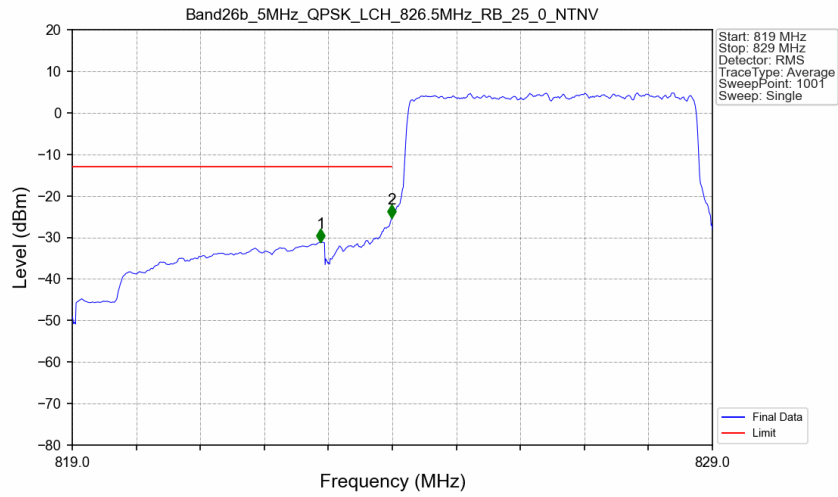


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-26.27	-13	Pass
850	852	0.1	CHP	2	850.302	-31.26	-13	Pass

5.2.3 B26b_5MHz

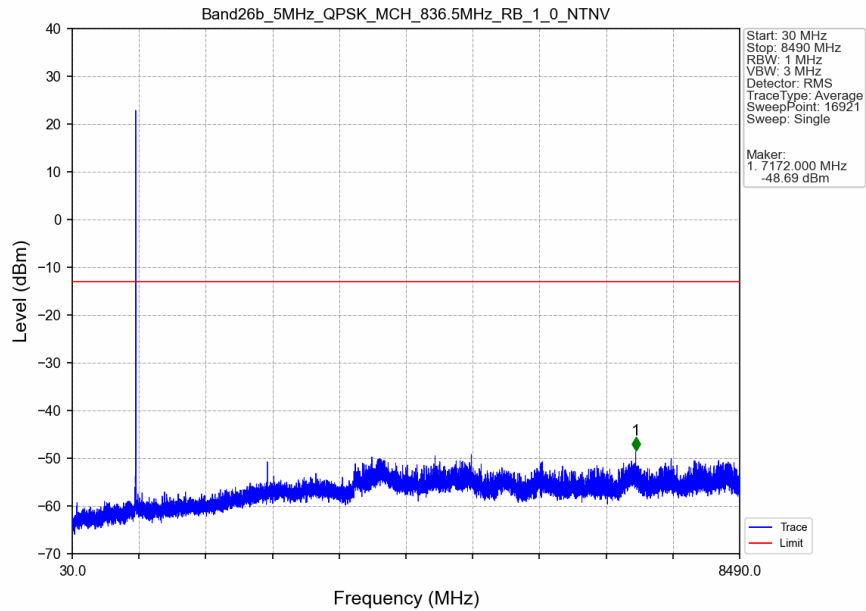


Band26b 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV

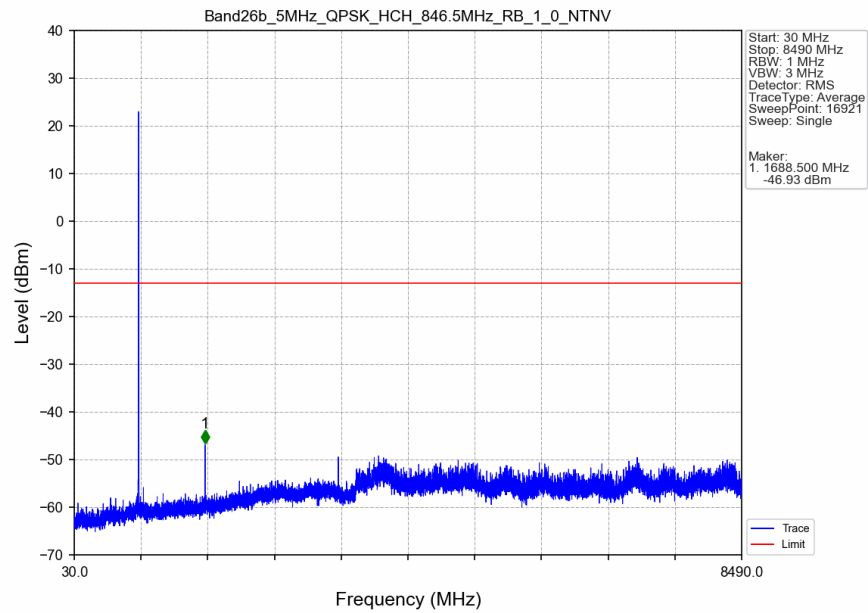


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.880	-31.13	-13	Pass
823	824	0.052	CHP	2	823.990	-25.33	-13	Pass
824	829	0.052	CHP	/	/	/	/	/

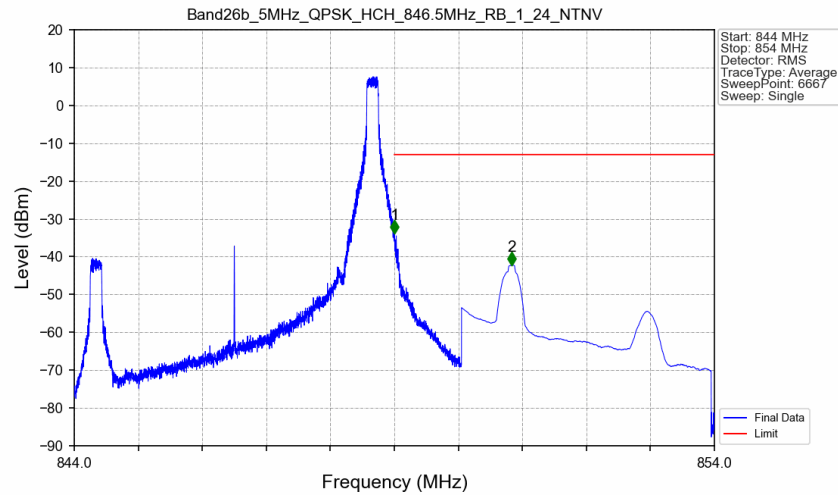
Band26b 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band26b 5MHz QPSK HCH 846.5MHz RB 1 0 NTV

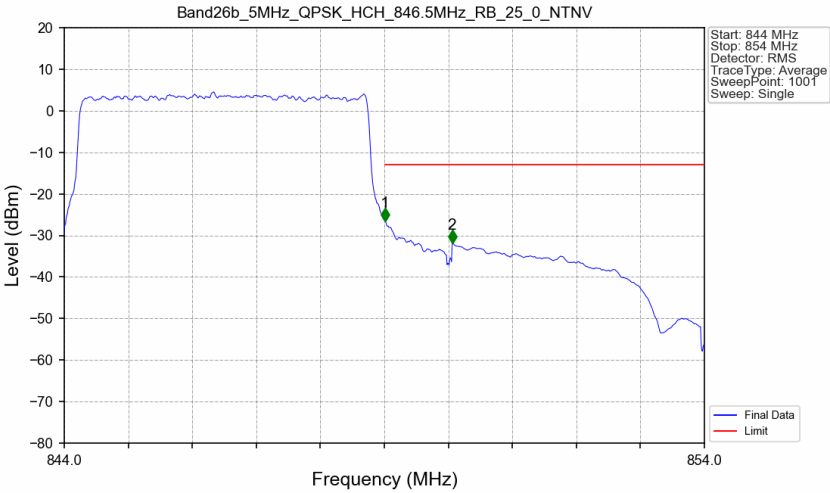


Band26b 5MHz QPSK HCH 846.5MHz RB 1 24 NTV



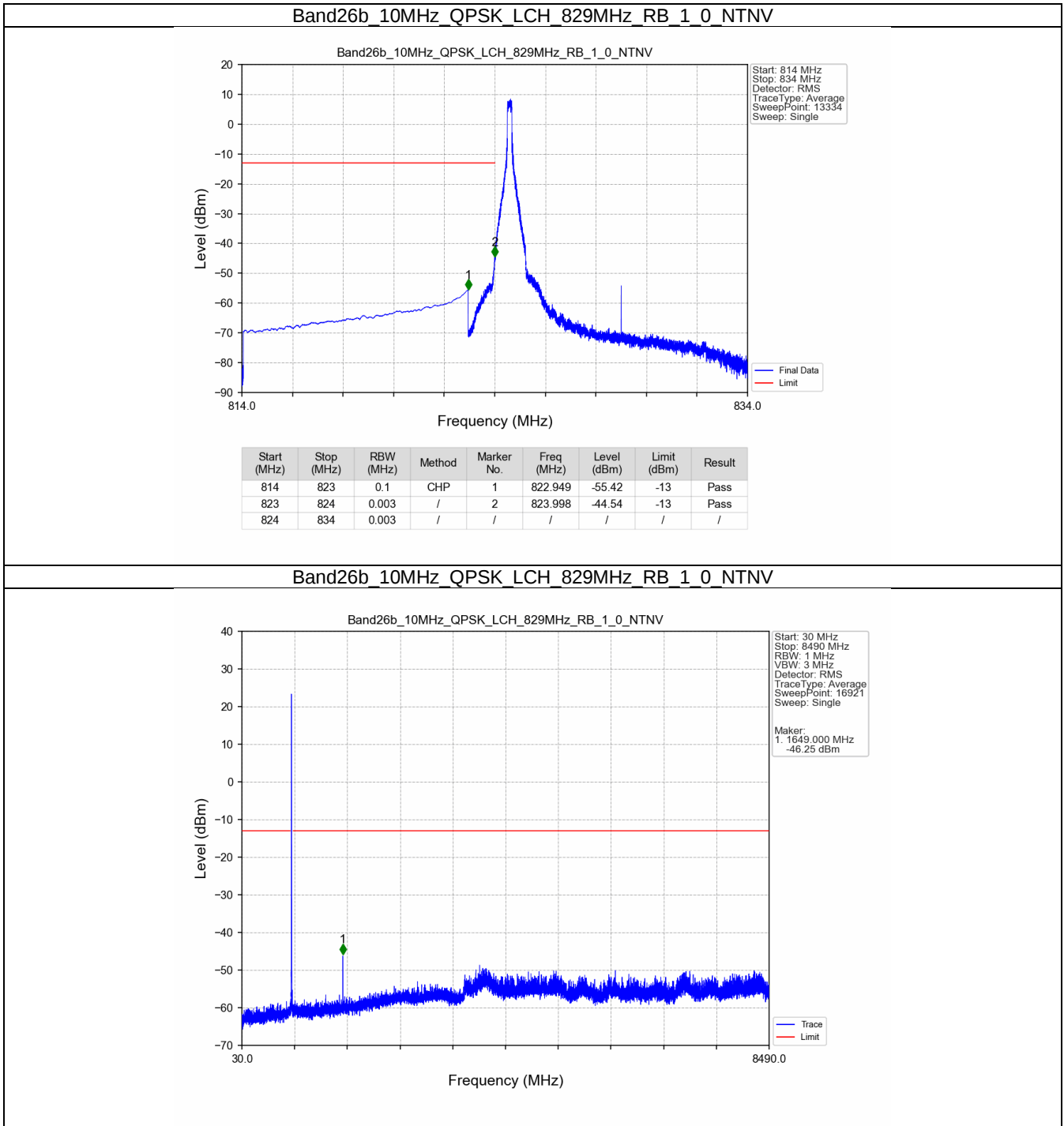
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-33.75	-13	Pass
850	854	0.1	CHP	2	850.838	-42.21	-13	Pass

Band26b 5MHz QPSK HCH 846.5MHz RB 25 0 NTV

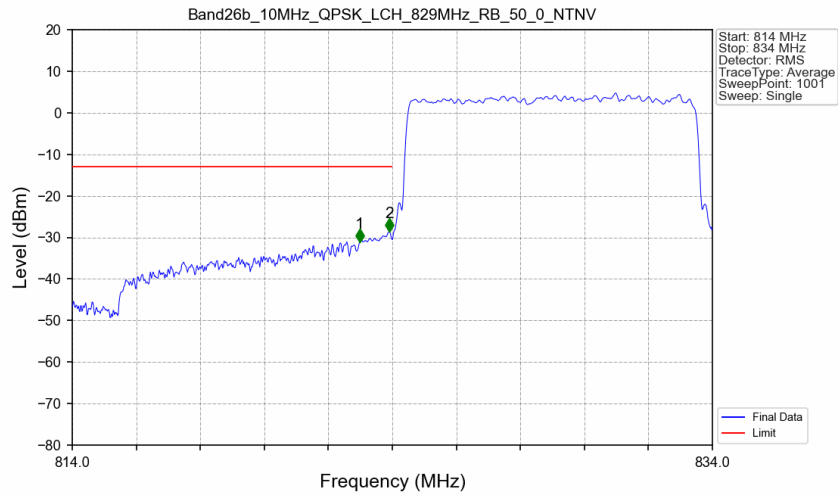


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.052	CHP	/	/	/	/	/
849	850	0.052	CHP	1	849.010	-26.65	-13	Pass
850	854	0.1	CHP	2	850.060	-31.82	-13	Pass

5.2.4 B26b_10MHz

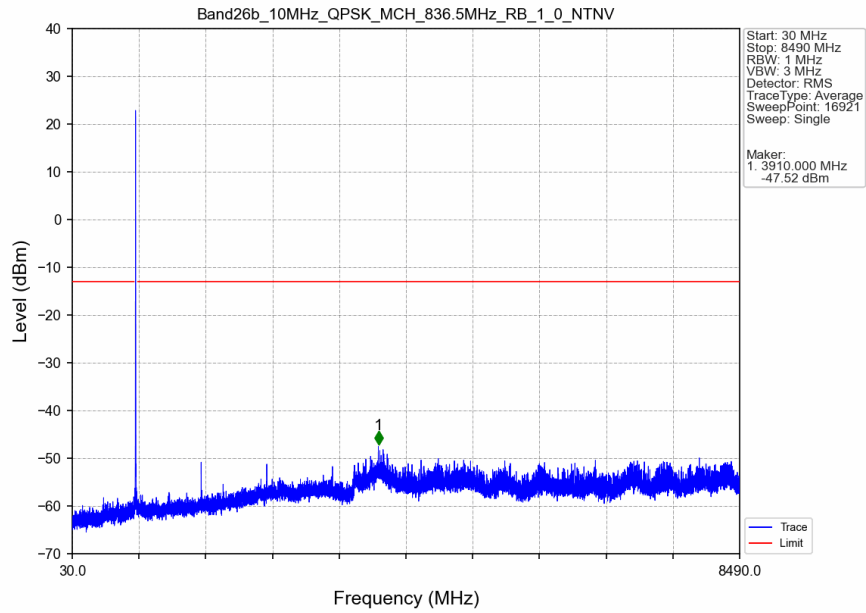


Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

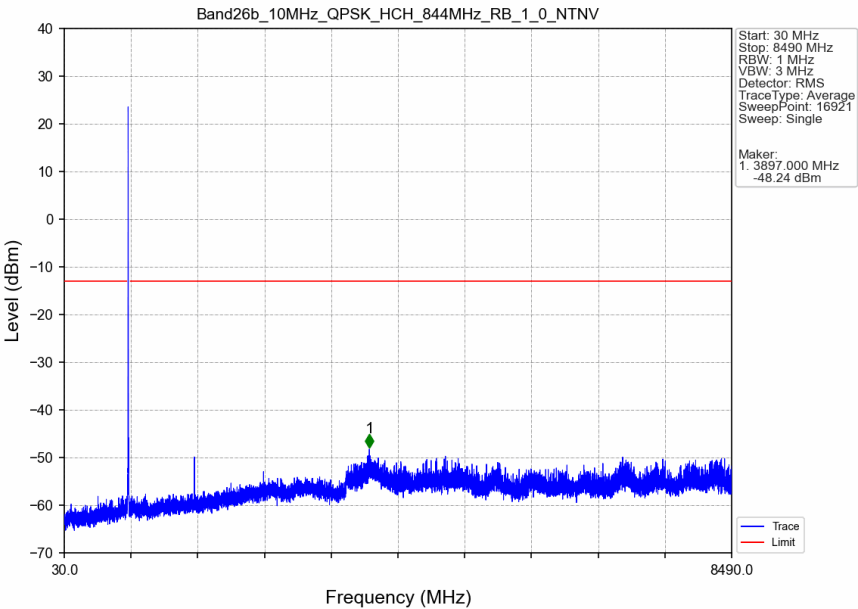


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.980	-31.04	-13	Pass
823	824	0.101	CHP	2	823.900	-28.65	-13	Pass
824	834	0.101	CHP	/	/	/	/	/

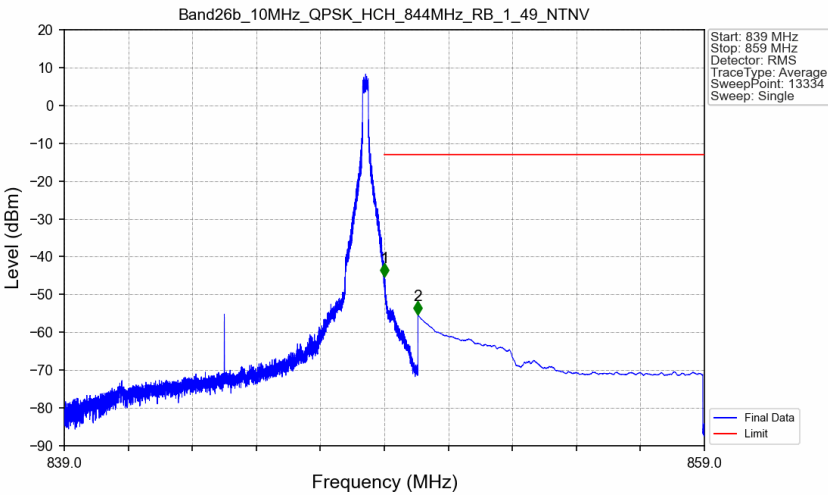
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b 10MHz QPSK HCH 844MHz RB 1 0 NTV

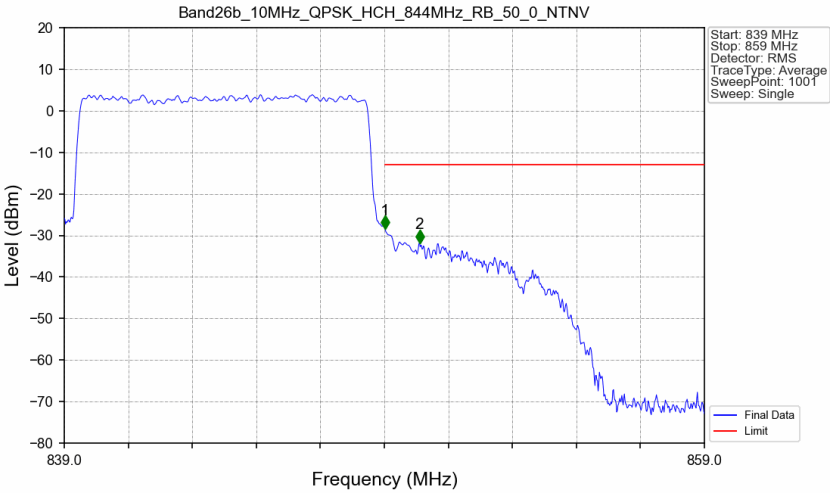


Band26b 10MHz QPSK HCH 844MHz RB 1 49 NTV



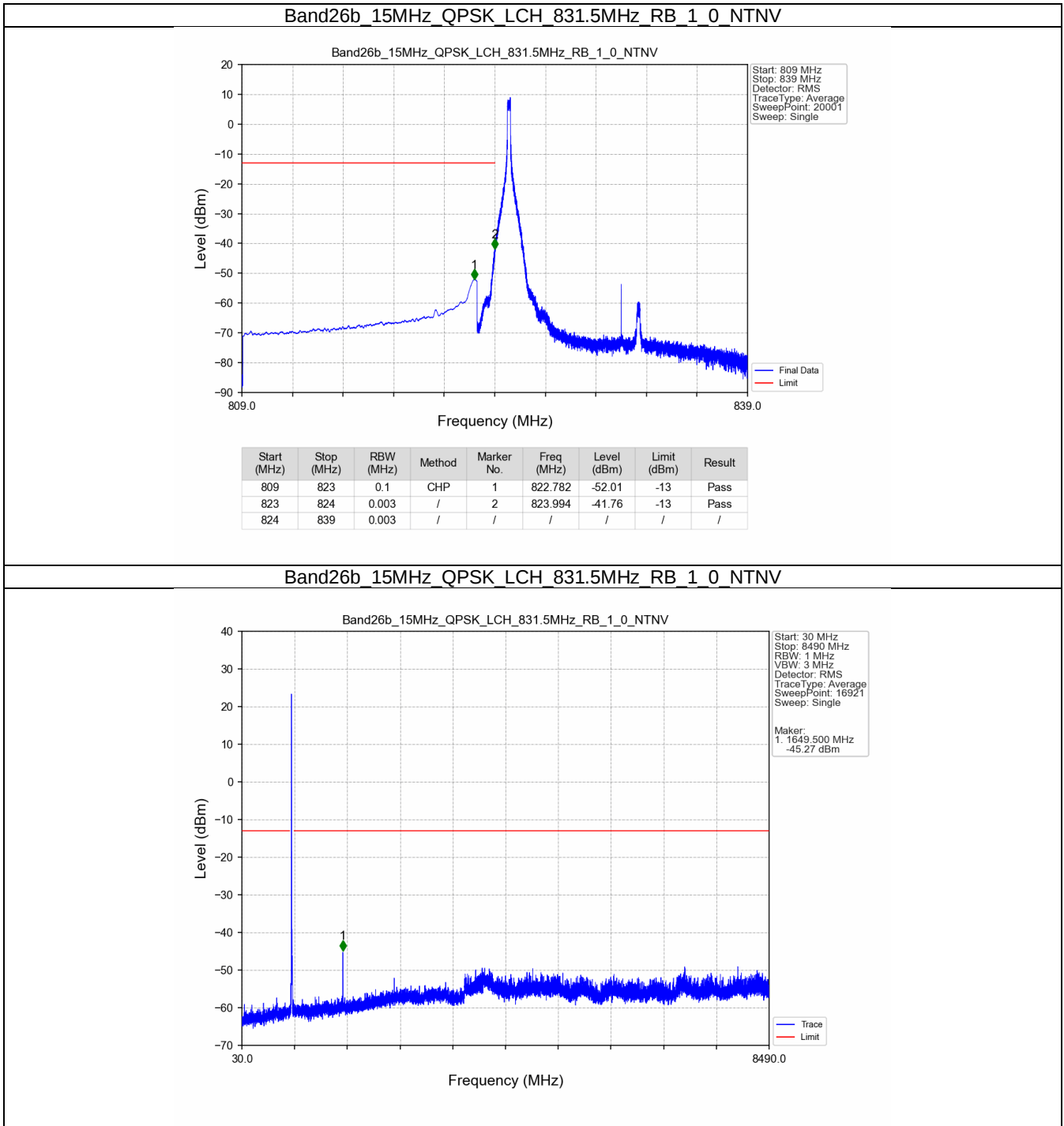
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-45.30	-13	Pass
850	859	0.1	CHP	2	850.051	-55.33	-13	Pass

Band26b 10MHz QPSK HCH 844MHz RB 50 0 NTV

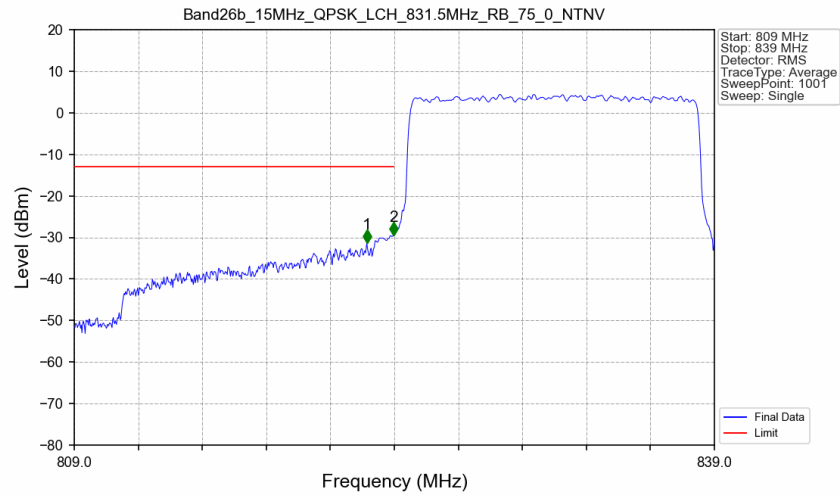


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.102	CHP	/	/	/	/	/
849	850	0.102	CHP	1	849.020	-28.42	-13	Pass
850	859	0.1	/	2	850.100	-31.77	-13	Pass

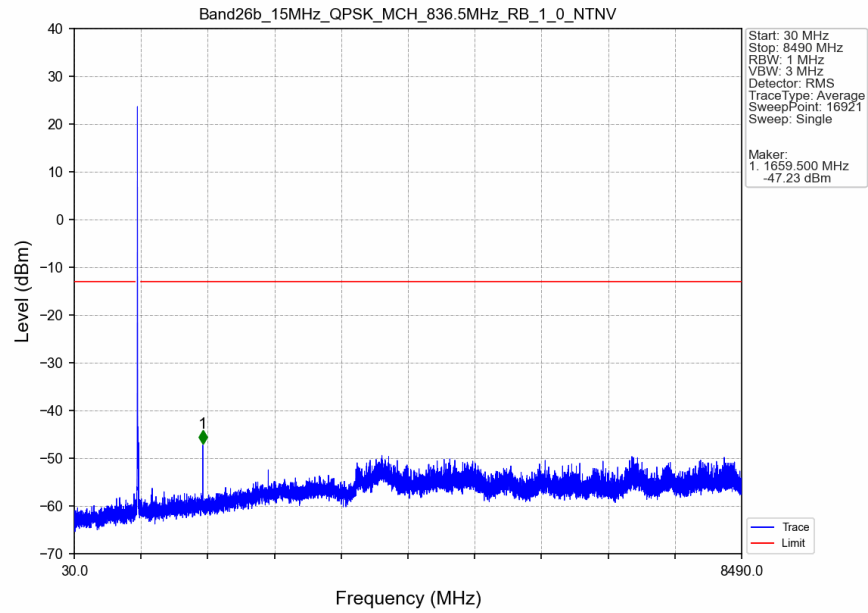
5.2.5 B26b_15MHz



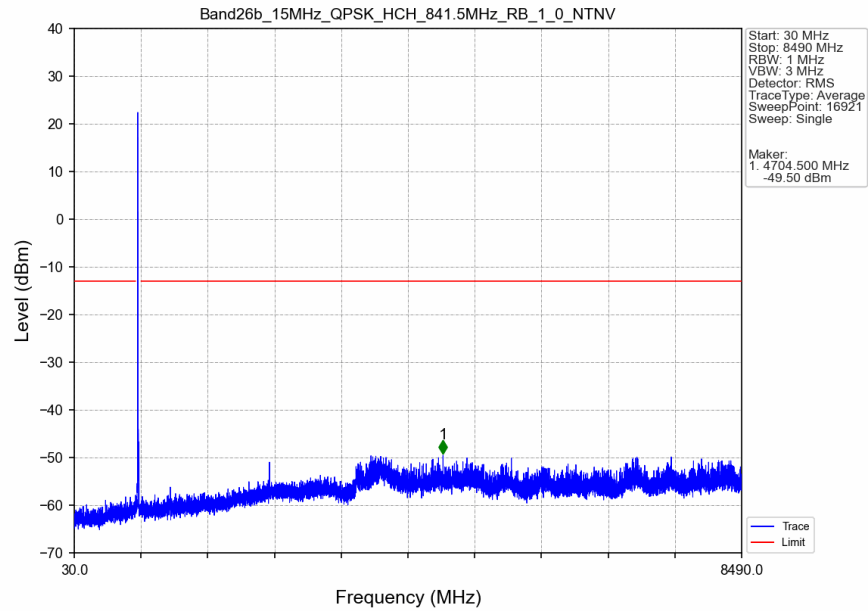
Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



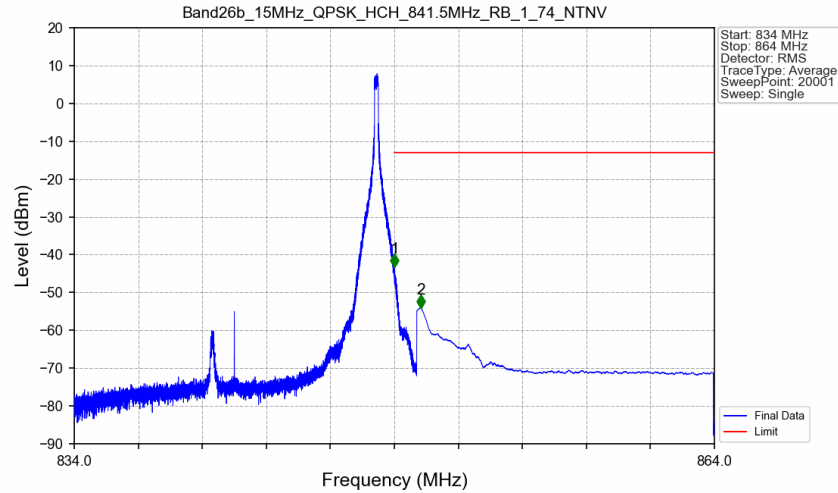
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b 15MHz QPSK HCH 841.5MHz RB 1 0 NTV

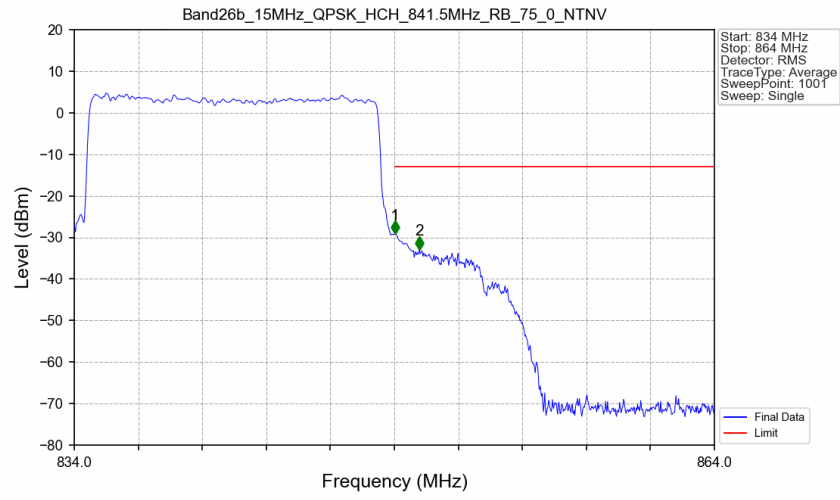


Band26b 15MHz QPSK HCH 841.5MHz RB 1 74 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-43.17	-13	Pass
850	864	0.1	CHP	2	850.240	-54.04	-13	Pass

Band26b 15MHz QPSK HCH 841.5MHz RB 75 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.151	CHP	/	/	/	/	/
849	850	0.151	CHP	1	849.030	-29.18	-13	Pass
850	864	0.1	/	2	850.170	-32.86	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 26b(824-849MHz) ANT0-Low channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649.5	-70.37	-13	-57.37	-73.25	2.62	5.5	Horizontal	Pass
2474.25	-68.88	-13	-55.88	-71.58	3.06	5.76	Horizontal	Pass
3299.0	-67.08	-13	-54.08	-71.45	3.3	7.67	Horizontal	Pass
1649.5	-71.66	-13	-58.66	-74.54	2.62	5.5	Vertical	Pass
2474.25	-65.77	-13	-52.77	-68.47	3.06	5.76	Vertical	Pass
3299.0	-66.9	-13	-53.9	-71.27	3.3	7.67	Vertical	Pass

LTE Band 26b(824-849MHz) ANT0-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1659.5	-71.56	-13	-58.56	-74.42	2.62	5.48	Horizontal	Pass
2489.25	-69.64	-13	-56.64	-72.36	3.07	5.79	Horizontal	Pass
3319.0	-66.68	-13	-53.68	-71.09	3.31	7.72	Horizontal	Pass
1659.5	-71.69	-13	-58.69	-74.55	2.62	5.48	Vertical	Pass
2489.25	-69.46	-13	-56.46	-72.18	3.07	5.79	Vertical	Pass
3319.0	-67.09	-13	-54.09	-71.5	3.31	7.72	Vertical	Pass

LTE Band 26b(824-849MHz) ANT0-High channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1669.5	-72.8	-13	-59.8	-75.62	2.63	5.45	Horizontal	Pass
2504.5	-69.47	-13	-56.47	-72.22	3.08	5.83	Horizontal	Pass
3339.0	-67.32	-13	-54.32	-71.77	3.32	7.77	Horizontal	Pass
1669.5	-72.41	-13	-59.41	-75.23	2.63	5.45	Vertical	Pass
2504.5	-70.07	-13	-57.07	-72.82	3.08	5.83	Vertical	Pass
3339.0	-67.06	-13	-54.06	-71.51	3.32	7.77	Vertical	Pass