NORDEN MILLIMETER

AMPLIFIER TEST DATA SHEET

Model Number	N12-3412	DC Power:	+12.0	Volts
S/N:	1002	@	510	mA,
Case Temp	+25C	Spec.	800	mA Typ.

Frequency GHz	Gain dB	Return Loss, dB In	Return Loss, dB Out	P-1db dBm	NF dB	

Specification

Start 34.0	20.0 Min			+21.0 Min.		-----
Stop 36.0		-8.52 Max	-8.52 Max		7.0 Typ	-----

Data

34.0	24.4	-15.8	-20.5	23.0	7.0	—
34,5	24.2	-20.4	-17.7	23.2	7.4	—
35.0	23.7	-15.2	-15.3	23.2	7.5	—
35.5	23.4	-13.4	-15.8	22.9	7.5	—
36.0	23.6	-14.3	-18.0	22.9	7.7	—

Min/Max Data

Min 23.4				Min. 22.9		—
Max 24.4		Max -12.6	Max -14.4		Max 7.7	—

Gain Flatness
+/- 0.5 dB

Tested By: O. Hamlin Date: 3/19/12 QA By: [signature] Date: 3/20/12

A 8