



VCO / MULTIPLIER TEST DATA SHEET

Model Number	<u>N08-1944</u>	DC Power:	<u>+12.0</u>	Volts
S/N:	<u>1001</u>	@	<u>322</u>	mA,
Case Temp	<u>+25°C</u>	Spec.	<u>400</u>	mA typ.

Frequency GHz	Tune Voltage V	Phase Noise dBc/Hz	Power Out dBm	VSWR Out	Harmonics dBc
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Specification

Min 18	Start 0.5	Typ -112@1MHz	Min +10.0	Max 2.00:1	Typ -20
Max 21	Stop 20				

Data

1MHz

18.00	3.43	-110.1	13.3	1.15	-27
18.75	4.55	-109.6	13.4	1.50	-30
19.50	5.77	-107.3	13.8	1.22	-28.8
20.25	7.09	-114.8	13.9	1.62	-30.3
21.00	8.48	-115.1	14.1	1.78	-30.6

Min/Max Data

		Min 13.3			
Max -107.3	Max	Max 14.1	Max 1.78	Max -27	

Tested By: J. Bowls

Date: 12/17/08

QA By: [Signature]

Date: 12-17-08