



## VCO / MULTIPLIER TEST DATA SHEET

Model Number N08-1860      DC Power: +12.0      Volts  
 S/N: 1001      @ 306      mA,  
 Case Temp +25°C      Spec. 250      mA typ.

Tune Voltage V	Frequency GHz	Vtune Rate MHz/V	Power Out dBm	VSWR Out	Harmonics dBc
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### Specification

Start	0.5	Min 23	Typ 550 @0-1V	Min +10.0	Max 2.00:1	Typ -20
Stop	20	Max 28	Typ 200@15-16V			

### Data

0	*	-	N/A	N/A	N/A
1	*	** 400.4	N/A	N/A	N/A
3	23.0963	-	13.4	1.22	-31.6
8	25.6807	-	13.9	1.73	< -30
11	27.0605	-	13.0	1.22	-26.5
15	28.6547	-	12.6	N/A	-23.0
16	28.8637	209	12.2	N/A	-26.3
20	29.1112	-	11.2	N/A	< -30

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### Min/Max Data

Min 23	Min 12.6	Max 1.73	Min -23.0
Max 28	Max 400.4		

\*\*\* measured w/ f<sub>0</sub> 250MHz below measured frequency  
 \* Signal not found      \*\* used vendors DATA sheet to calculate

Tested By: J. Bowls      Date: 9/18/08      QA By: [Signature]      Date: 9/18/08