



## AMPLIFIER TEST DATA SHEET

Model Number N12-3422      DC Power: +12.0      Volts  
 S/N: 1001      @ 2710      mA,  
 Case Temp 25 C      Spec. 3000      mA Typ.

| Frequency<br>GHz | Gain<br>dB | Return Loss, dB |     | P-sat<br>dBm |
|------------------|------------|-----------------|-----|--------------|
|                  |            | In              | Out |              |
| @ 0 dBm in       |            |                 |     |              |

### Specification

|            |            |           |           |
|------------|------------|-----------|-----------|
| Start 26.5 | Min. +30.0 |           | Min +28   |
| Stop 40.0  |            | Max -7.36 | Max -7.36 |

### Data

|        |      |       |       |      |
|--------|------|-------|-------|------|
| 26.5   | 44.4 | -20.0 | -18.8 | 29.3 |
| 29.875 | 40.4 | -13.1 | -15.6 | 29.7 |
| 33.25  | 39.9 | -10.4 | -9.7  | 28.9 |
| 36.625 | 42.5 | -12.6 | -7.4  | 28.7 |
| 40.0   | 43.1 | -8.7  | -17.9 | 29.8 |

### Min/Max Data

|                             |          |          |
|-----------------------------|----------|----------|
| Min 39.4                    |          | Min 28.7 |
| Max 44.4                    | Max -7.5 | Max -7.4 |
| Gain Flatness<br>+/- 2.5 dB |          |          |

Tested By: M. Y...

Date: 4-13-12

QA By: [Signature]

Date: 4/13/12

