



MULTIPLIER TEST DATA SHEET

| | | | | |
|--------------|-------------|-----------|------------|---------|
| Model Number | N06-1163 | DC Power: | +12.0 | Volts |
| S/N: | <u>1006</u> | @ | <u>610</u> | mA, |
| Case Temp | +25 C | Spec. | 750 | mA Typ. |

| Freq. In GHz | Freq. Out GHz | Power In dBm | Power Out dBm | VSWR :1 | | Harmonics dBc |
|-----------------|------------------|-----------------|------------------|---------|-----|------------------|
| | | | | In | Out | |

Specification

| | | | | | | |
|------------|------|-----------|-----------|----------|----------|-----------|
| Start 10.0 | 40.0 | Min +4.0 | Min +17.0 | | | Max -20.0 |
| Stop 16.25 | 65.0 | Max + 7.0 | Max N/A | Max 2.00 | Max 2.50 | |

Data

| | | | | | | |
|-------|------|-----|------|------|------|------|
| 10.00 | 40.0 | 4.0 | 18.9 | 1.22 | 1.30 | <-30 |
| 11.25 | 45.0 | 4.0 | 18.1 | 1.51 | 1.52 | <-30 |
| 12.50 | 50.0 | 4.0 | 18.0 | 1.76 | 1.51 | <-30 |
| 13.75 | 55.0 | 4.0 | 18.2 | 1.89 | 1.53 | <-30 |
| 15.00 | 60.0 | 4.0 | 18.3 | 1.82 | 1.46 | -26 |
| 16.25 | 65.0 | 4.0 | 18.4 | 1.66 | 1.58 | <-30 |

Min/Max Data

| | | | |
|----------|----------|----------|--------|
| Min 18.0 | | | Max 26 |
| Max 18.9 | Max 1.93 | Max 1.80 | |

Power Flatness
+/- 0.5 dB

Tested By: P. Hamlin Date: 9-18-06 QA By: [Signature] Date: 9/19/06