

## Typical Performance Data

| FREQUENCY<br>LO=70MHz<br>(MHz) |      | CONVERSION<br>LOSS<br>(dB) | AMPLITUDE<br>UNBALANCE<br>(dB) | PHASE<br>(I&Q)<br>(deg.) | FREQUENCY<br>(MHz) |       | DC<br>OFFSET<br>(mV) |
|--------------------------------|------|----------------------------|--------------------------------|--------------------------|--------------------|-------|----------------------|
| RF                             | I&Q  |                            |                                |                          | LO                 | RF    |                      |
| 70.30                          | 0.30 | 6.10                       | 0.19                           | 89.81                    | 67.00              | 67.10 | -0.01                |
| 70.44                          | 0.44 | 6.08                       | 0.18                           | 89.97                    | 67.32              | 67.42 | -0.01                |
| 70.58                          | 0.58 | 6.13                       | 0.21                           | 89.88                    | 67.63              | 67.73 | -0.02                |
| 70.73                          | 0.73 | 6.12                       | 0.19                           | 89.84                    | 67.95              | 68.05 | -0.01                |
| 70.87                          | 0.87 | 6.13                       | 0.16                           | 89.83                    | 68.26              | 68.36 | -0.02                |
| 71.01                          | 1.01 | 6.07                       | 0.18                           | 89.80                    | 68.58              | 68.68 | -0.02                |
| 71.15                          | 1.15 | 6.10                       | 0.18                           | 89.92                    | 68.89              | 68.99 | -0.02                |
| 71.29                          | 1.29 | 6.10                       | 0.17                           | 89.91                    | 69.21              | 69.31 | -0.02                |
| 71.43                          | 1.43 | 6.13                       | 0.20                           | 89.93                    | 69.53              | 69.63 | -0.02                |
| 71.58                          | 1.58 | 6.12                       | 0.17                           | 89.98                    | 69.84              | 69.94 | -0.02                |
| 71.72                          | 1.72 | 6.10                       | 0.18                           | 89.71                    | 70.16              | 70.26 | -0.02                |
| 71.86                          | 1.86 | 6.10                       | 0.19                           | 89.87                    | 70.47              | 70.57 | -0.02                |
| 72.00                          | 2.00 | 6.09                       | 0.17                           | 89.85                    | 70.79              | 70.89 | -0.02                |
| 72.14                          | 2.14 | 6.10                       | 0.19                           | 89.95                    | 71.11              | 71.21 | -0.02                |
| 72.28                          | 2.28 | 6.11                       | 0.20                           | 89.81                    | 71.42              | 71.52 | -0.02                |
| 72.43                          | 2.43 | 6.10                       | 0.19                           | 89.89                    | 71.74              | 71.84 | -0.02                |
| 72.57                          | 2.57 | 6.11                       | 0.18                           | 89.96                    | 72.05              | 72.15 | -0.02                |
| 72.71                          | 2.71 | 6.11                       | 0.18                           | 89.86                    | 72.37              | 72.47 | -0.02                |
| 72.85                          | 2.85 | 6.10                       | 0.20                           | 89.82                    | 72.68              | 72.78 | -0.02                |
| 73.00                          | 3.00 | 6.11                       | 0.19                           | 89.89                    | 73.00              | 73.10 | -0.02                |