

*Typical Performance Data*

| V<br>TUNE | TUNE<br>SENS<br>(MHz/V) | FREQUENCY<br>(MHz) |        |        | POWER OUTPUT<br>(dBm) |       |       | HARMONICS (dBc) |        |        | FREQ.<br>PUSH<br>(MHz/V) | FREQ<br>OFFSET<br>(kHz) | PHASE<br>NOISE<br>(dBc/Hz) |
|-----------|-------------------------|--------------------|--------|--------|-----------------------|-------|-------|-----------------|--------|--------|--------------------------|-------------------------|----------------------------|
|           |                         | -55°C              | +25°C  | +85°C  | -55°C                 | +25°C | +85°C | F2              | F3     | F4     |                          |                         |                            |
| 0.00      | 8.53                    | 108.10             | 106.75 | 105.86 | 8.26                  | 8.53  | 8.34  | -22.98          | -49.94 | -53.85 | -0.14                    | 1                       | -100                       |
| 1.00      | 5.16                    | 114.26             | 113.37 | 112.68 | 8.54                  | 8.80  | 8.70  | -24.60          | -43.59 | -49.36 | -0.26                    | 10                      | -125                       |
| 2.00      | 4.62                    | 119.06             | 118.06 | 117.46 | 8.33                  | 8.56  | 8.49  | -26.44          | -41.62 | -48.46 | -0.12                    | 100                     | -145                       |
| 3.00      | 3.73                    | 122.94             | 121.98 | 121.41 | 8.01                  | 8.26  | 8.18  | -28.13          | -40.32 | -48.07 | -0.07                    | 1000                    | -165                       |
| 4.00      | 3.73                    | 126.63             | 125.67 | 125.06 | 7.68                  | 7.91  | 7.86  | -29.87          | -39.24 | -47.29 | -0.02                    |                         |                            |
| 5.00      | 3.02                    | 130.11             | 129.19 | 128.58 | 7.32                  | 7.54  | 7.48  | -31.63          | -38.08 | -46.58 | -0.12                    |                         |                            |
| 6.00      | 3.20                    | 133.38             | 132.48 | 131.97 | 6.88                  | 7.12  | 7.06  | -33.71          | -37.49 | -46.18 | -0.07                    |                         |                            |
| 7.00      | 3.02                    | 136.58             | 135.68 | 135.17 | 6.45                  | 6.69  | 6.61  | -36.03          | -37.00 | -45.57 | -0.14                    |                         |                            |
| 8.00      | 3.02                    | 139.52             | 138.69 | 138.15 | 6.01                  | 6.26  | 6.22  | -38.93          | -36.33 | -45.01 | -0.12                    |                         |                            |
| 9.00      | 2.13                    | 142.27             | 141.44 | 140.93 | 5.59                  | 5.85  | 5.81  | -42.56          | -35.66 | -44.86 | -0.14                    |                         |                            |
| 10.00     | 2.13                    | 144.75             | 143.96 | 143.45 | 5.16                  | 5.45  | 5.39  | -47.00          | -34.75 | -44.57 | -0.14                    |                         |                            |
| 11.00     | 2.31                    | 147.03             | 146.22 | 145.75 | 4.79                  | 5.09  | 5.02  | -52.06          | -34.25 | -43.75 | -0.12                    |                         |                            |
| 12.00     | 2.13                    | 149.06             | 148.29 | 147.78 | 4.42                  | 4.73  | 4.68  | -47.69          | -33.71 | -43.58 | -0.14                    |                         |                            |