

*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      | 2.34                    | 2124.47            | 2121.70 | 2118.46 | 7.01                  | 6.75  | 6.31  | -15.16          | -18.12 | -34.61 | 0.29                     | 1                       | -94                        |
| 1.00      | 2.57                    | 2126.80            | 2124.03 | 2120.80 | 7.04                  | 6.74  | 6.40  | -15.16          | -17.86 | -34.42 | 0.30                     | 10                      | -119                       |
| 2.00      | 4.34                    | 2130.06            | 2127.15 | 2123.80 | 7.19                  | 6.89  | 6.53  | -15.15          | -17.64 | -34.17 | 0.32                     | 100                     | -139                       |
| 3.00      | 5.19                    | 2134.92            | 2132.12 | 2128.75 | 7.36                  | 7.08  | 6.73  | -15.19          | -17.45 | -34.38 | 0.08                     | 1000                    | -159                       |
| 4.00      | 3.76                    | 2139.31            | 2136.80 | 2133.63 | 7.41                  | 7.17  | 6.84  | -15.57          | -17.78 | -33.63 | 0.24                     |                         |                            |
| 5.00      | 2.01                    | 2142.35            | 2139.84 | 2136.68 | 7.48                  | 7.25  | 6.95  | -15.88          | -17.59 | -32.78 | 0.10                     |                         |                            |
| 6.00      | 0.92                    | 2143.97            | 2141.33 | 2138.12 | 7.52                  | 7.30  | 7.01  | -16.03          | -17.36 | -32.83 | 0.17                     |                         |                            |