

*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      | 6.92                    | 1033.38            | 1028.97 | 1027.10 | -0.79                 | -0.13 | 0.35  | -17.43          | -14.80 | -17.53 | 0.19                     | 1                       | -99                        |
| 0.50      | 4.92                    | 1036.24            | 1031.99 | 1030.34 | -0.84                 | -0.29 | 0.12  | -17.35          | -15.09 | -17.32 | 0.03                     | 10                      | -124                       |
| 1.00      | 4.15                    | 1038.51            | 1034.31 | 1032.73 | -0.97                 | -0.23 | 0.18  | -17.33          | -15.22 | -17.26 | 0.03                     | 100                     | -144                       |
| 1.50      | 3.74                    | 1040.50            | 1036.32 | 1034.77 | -0.76                 | -0.15 | 0.23  | -17.27          | -15.33 | -17.19 | 0.06                     | 1000                    | -164                       |
| 2.00      | 3.49                    | 1042.32            | 1038.15 | 1036.61 | -0.84                 | -0.15 | 0.26  | -17.18          | -15.36 | -17.25 | 0.08                     |                         |                            |
| 2.50      | 3.32                    | 1044.04            | 1039.86 | 1038.34 | -0.84                 | -0.26 | 0.26  | -17.16          | -15.49 | -17.15 | 0.09                     |                         |                            |
| 3.00      | 3.21                    | 1045.68            | 1041.50 | 1039.98 | -0.86                 | -0.21 | 0.26  | -17.09          | -15.50 | -17.07 | 0.10                     |                         |                            |
| 3.50      | 3.14                    | 1047.28            | 1043.10 | 1041.57 | -0.83                 | -0.29 | 0.19  | -17.01          | -15.64 | -17.04 | 0.10                     |                         |                            |
| 4.00      | 3.11                    | 1048.85            | 1044.66 | 1043.14 | -0.97                 | -0.40 | 0.03  | -16.96          | -15.71 | -17.04 | 0.10                     |                         |                            |
| 4.50      | 3.10                    | 1050.41            | 1046.21 | 1044.69 | -0.95                 | -0.28 | 0.13  | -16.87          | -15.75 | -17.05 | 0.09                     |                         |                            |
| 5.00      | 3.10                    | 1051.97            | 1047.76 | 1046.23 | -0.90                 | -0.34 | 0.09  | -16.80          | -15.87 | -17.11 | 0.09                     |                         |                            |
| 5.50      | 3.11                    | 1053.53            | 1049.31 | 1047.78 | -0.74                 | -0.19 | 0.36  | -16.70          | -16.00 | -17.12 | 0.08                     |                         |                            |
| 6.00      | 3.12                    | 1055.09            | 1050.87 | 1049.33 | -0.71                 | -0.26 | 0.34  | -16.68          | -16.14 | -17.10 | 0.06                     |                         |                            |