

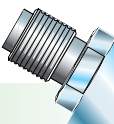
## VOLTAGE CONTROLLED OSCILLATORS 50 Ω

50 MHz to 5.2 GHz

ZX95  
Case GB956

| MODEL<br>PREFIX        | FREQUENCY<br>(MHz) |      | POWER<br>OUTPUT<br>(dBm) | TUNING<br>VOLTAGE<br>RANGE<br>(V) |      | PHASE NOISE<br>(dBc/Hz) SSB@<br>offset frequencies (kHz):<br>Typ. |      |      |      | PULLING<br>pk-pk<br>@ 12 dB<br>(MHz)<br>Typ. | PUSHING<br>(MHz/V)<br>Typ. | TUNING<br>SENSITIVITY<br>(MHz/V)<br>Typ. | HARMONICS<br>(dBc) |      | 3 dB<br>MODULATION<br>BANDWIDTH<br>(MHz)<br>Typ. | DC<br>OPERATING<br>POWER<br>Current<br>(mA)<br>Max. |      |                |
|------------------------|--------------------|------|--------------------------|-----------------------------------|------|-------------------------------------------------------------------|------|------|------|----------------------------------------------|----------------------------|------------------------------------------|--------------------|------|--------------------------------------------------|-----------------------------------------------------|------|----------------|
|                        | Min.               | Max. |                          | Typ.                              | Min. | Max.                                                              | 1    | 10   | 100  |                                              |                            |                                          | 1000               | Typ. |                                                  | Max.                                                | Typ. | Vcc<br>(Volts) |
|                        |                    |      |                          |                                   |      |                                                                   |      |      |      |                                              |                            |                                          |                    |      |                                                  |                                                     |      |                |
| LINEAR TUNING Wideband |                    |      |                          |                                   |      |                                                                   |      |      |      |                                              |                            |                                          |                    |      |                                                  |                                                     |      |                |
| ZX95-100               | 50                 | 100  | +10.0                    | 0.5                               | 17.0 | -86                                                               | -110 | -131 | -151 | 0.4                                          | 0.1                        | 3.5-4.5                                  | -33                | -24  | 0.18                                             | 12.0                                                | 20   |                |
| ZX95-200               | 100                | 200  | +10.0                    | 1.0                               | 17.0 | -86                                                               | -106 | -128 | -148 | 0.5                                          | 0.2                        | 7-10                                     | -30                | -20  | 0.12                                             | 12.0                                                | 20   |                |
| ZX95-200A              | 144                | 200  | +9.0                     | 0.5                               | 16.0 | -97                                                               | -122 | -142 | -161 | 0.1                                          | 0.1                        | 5.0                                      | -20                | -10  | 75                                               | 12.0                                                | 33   |                |
| ZX95-310               | 240                | 305  | +6.0                     | 0.50                              | 17.0 | -89                                                               | -112 | -133 | -153 | 0.50                                         | 0.70                       | 5.0-7.0                                  | -24                | -14  | 40                                               | 5.0                                                 | 30   |                |
| ZX95-330               | 244                | 340  | +9.0                     | 4.0                               | 16.0 | -91                                                               | -118 | -139 | -158 | 0.20                                         | 0.20                       | 7.0-10                                   | -23                | -10  | 1.50                                             | 12.0                                                | 31   |                |
| ZX95-400               | 200                | 380  | +10.0                    | 0.5                               | 17.0 | -83                                                               | -104 | -125 | -145 | 0.5                                          | 0.2                        | 10-18                                    | -25                | -18  | 0.13                                             | 12.0                                                | 21   |                |
| ZX95-535               | 300                | 520  | +6.0                     | 1.0                               | 17.0 | -79                                                               | -101 | -120 | -140 | 0.5                                          | 0.2                        | 12.0-23                                  | -25                | -15  | 0.18                                             | 12.0                                                | 21   |                |
| ZX95-675               | 500                | 750  | +6.0                     | 0.5                               | 28.0 | -88                                                               | 113  | -136 | -156 | 0.8                                          | 1.5                        | 5-14                                     | -20                | —    | 25                                               | 5.0                                                 | 37   |                |
| ZX95-730A              | 655                | 730  | +1.2                     | 0.5                               | 9.0  | -89                                                               | -113 | -133 | -153 | 0.40                                         | 0.10                       | 11-15                                    | -23                | -14  | 45                                               | 5.0                                                 | 25   |                |
| ZX95-753               | 734                | 753  | +3.0                     | 1.0                               | 9.0  | -94                                                               | -121 | -141 | -161 | 0.3                                          | 0.2                        | 8.0                                      | -25                | —    | 40                                               | 5.0                                                 | 35   |                |
| ZX95-765               | 485                | 765  | +8.0                     | 1.0                               | 16.0 | -77                                                               | -98  | -118 | -138 | 1.0                                          | 0.5                        | 28-33.0                                  | -35                | -24  | 0.60                                             | 12.0                                                | 22   |                |
| ZX95-780               | 720                | 780  | +10.0                    | 0.5                               | 12.0 | -99                                                               | -114 | -135 | -155 | 1.0                                          | 0.7                        | 11-14                                    | -21                | -15  | 20                                               | 12.0                                                | 26   |                |
| ZX95-850               | 750                | 850  | +5.0                     | 0.0                               | 10.0 | -86                                                               | -110 | -130 | -150 | 1.0                                          | 0.5                        | 18-21                                    | -25                | -15  | 100                                              | 5.0                                                 | 30   |                |
| ZX95-850W              | 400                | 850  | +10.0                    | 1.0                               | 25.0 | -71                                                               | -98  | -119 | -140 | 4.0                                          | 0.3                        | 18-32                                    | -22                | -12  | 13                                               | 5.0                                                 | 27   |                |
| ZX95-890C              | 875                | 890  | +6.2                     | 0.5                               | 11.0 | -97                                                               | -125 | -145 | -164 | 0.10                                         | 0.20                       | 5.0                                      | -19                | -12  | 60                                               | 8.0                                                 | 35   |                |
| ZX95-900               | 625                | 885  | +5.8                     | 0.5                               | 18.0 | -82                                                               | -106 | -127 | -147 | 1.50                                         | 0.40                       | 15-26                                    | -13                | —    | 25                                               | 10.0                                                | 35   |                |
| ZX95-928CA             | 902                | 928  | +4.6                     | 0.5                               | 10.0 | -92                                                               | -120 | -141 | -161 | 0.40                                         | 0.30                       | 6.0                                      | -20                | -15  | 90                                               | 8.0                                                 | 35   |                |
| ZX95-1015              | 750                | 1010 | +6.0                     | 0.5                               | 28.0 | -85                                                               | -113 | -134 | -154 | 0.1                                          | 1.5                        | 7-15                                     | -20                | -10  | 35                                               | 5.0                                                 | 35   |                |
| ZX95-1150C             | 1146               | 1154 | +2.0                     | 0.5                               | 11.0 | -99                                                               | -123 | -143 | -159 | 0.1                                          | 0.1                        | 3.0                                      | -20                | -10  | 70                                               | 5.0                                                 | 35   |                |
| ZX95-1200W             | 612                | 1200 | +10.0                    | 0.5                               | 18.0 | -71                                                               | -96  | -117 | -139 | 11.0                                         | 0.9                        | 35-50                                    | -16                | —    | 40                                               | 12.0                                                | 30   |                |
| ZX95-1300              | 400                | 1300 | +8.0                     | 0.30                              | 20.0 | -65                                                               | -91  | -120 | -141 | 3.5                                          | 1.5                        | 40-60                                    | -12                | —    | 30                                               | 5.0                                                 | 40   |                |
| ZX95-1303              | 1011               | 1270 | +7.0                     | 0.5                               | 12.0 | -82                                                               | -109 | -130 | -150 | 1.5                                          | 1.0                        | 26-39                                    | -24                | -14  | 80                                               | 5.0                                                 | 36   |                |
| ZX95-1310C             | 1260               | 1310 | +4.0                     | 0.50                              | 20.0 | -93                                                               | -120 | -139 | -159 | 0.20                                         | 0.10                       | 4.5                                      | -19                | -10  | 50                                               | 5.0                                                 | 35   |                |
| ZX95-1410              | 850                | 1410 | +8.0                     | 0.5                               | 11.0 | -74                                                               | -101 | -123 | -143 | 10.0                                         | 0.5                        | 57-95                                    | -17                | -10  | 100                                              | 12.0                                                | 30   |                |
| ZX95-1420              | 1230               | 1420 | +6.0                     | 0.5                               | 28.0 | -85                                                               | -111 | -131 | -151 | 1.5                                          | 0.5                        | 10-15                                    | -21                | -10  | 50                                               | 5.0                                                 | 35   |                |
| ZX95-1480              | 670                | 1480 | +6.0                     | 0.50                              | 12.5 | -66                                                               | -97  | -119 | -140 | 3.50                                         | 2.50                       | 72-100                                   | -14                | —    | 40                                               | 5.0                                                 | 40   |                |
| ZX95-1584              | 1555               | 1575 | +5.0                     | 1.0                               | 12.0 | -89                                                               | -114 | -134 | -153 | 0.7                                          | 0.1                        | 5.0                                      | -34                | -20  | 65                                               | 5.0                                                 | 35   |                |
| ZX95-1600W             | 800                | 1600 | +9.0                     | 0.5                               | 24.0 | -72                                                               | -99  | -122 | -143 | 10.0                                         | 0.3                        | 35-58                                    | -22                | -15  | 90                                               | 11.5                                                | 35   |                |
| ZX95-1624              | 1400               | 1624 | +1.0                     | 0.50                              | 9.50 | -80                                                               | -104 | -124 | -144 | 1.50                                         | 1.20                       | 29-35                                    | -19                | -10  | 40                                               | 5.0                                                 | 40   |                |
| ZX95-1640              | 1610               | 1640 | +2.5                     | 0.5                               | 9.0  | -86                                                               | -111 | -131 | -151 | 1.0                                          | 0.3                        | 12                                       | -25                | -15  | 200                                              | 5.0                                                 | 35   |                |
| ZX95-1700A             | 950                | 1620 | +6.0                     | 0.5                               | 10.0 | -72                                                               | -100 | -123 | -144 | 0.20                                         | 0.50                       | 70-110                                   | -20                | -11  | 60                                               | 10.0                                                | 30   |                |
| ZX95-1700W             | 770                | 1700 | +9.0                     | 1.0                               | 24.0 | -74                                                               | -100 | -121 | -143 | 7.0                                          | 0.5                        | 30-60                                    | -25                | -14  | 20                                               | 12.0                                                | 35   |                |
| ZX95-1750W             | 950                | 1750 | +6.0                     | 0.5                               | 12.0 | -71                                                               | -99  | -121 | -143 | 0.3                                          | 0.2                        | 71-103                                   | -20                | -10  | 50                                               | 10.0                                                | 35   |                |
| ZX95-1900              | 1600               | 1900 | 0.0                      | 1.0                               | 12.0 | -78                                                               | -104 | -125 | -145 | 1.0                                          | 0.3                        | 34                                       | -19                | -10  | 60                                               | 8.0                                                 | 35   |                |
| ZX95-1900V             | 1450               | 1900 | +8.0                     | 0.5                               | 20.0 | -79                                                               | -104 | -125 | -145 | 10.0                                         | 1.0                        | 25-41                                    | -20                | -10  | 70                                               | 5.0                                                 | 25   |                |
| ZX95-2041              | 1844               | 2042 | 5.0                      | 1.0                               | 10.0 | -81                                                               | -106 | -126 | -146 | 0.3                                          | 0.3                        | 29                                       | -20                | -13  | 120                                              | 5.0                                                 | 40   |                |
| ZX95-2130              | 1950               | 2120 | +1.0                     | 0.5                               | 11.0 | -83                                                               | -108 | -128 | -148 | 0.2                                          | 1.0                        | 22-25                                    | -16                | —    | 130                                              | 5.0                                                 | 37   |                |
| ZX95-2150VW            | 970                | 2150 | +4.0                     | 0.5                               | 25.0 | -74                                                               | -99  | -120 | -140 | 4.0                                          | 1.5                        | 32-78                                    | -22                | —    | 15                                               | 5.0                                                 | 26   |                |
| ZX95-2252C             | 2103               | 2252 | -1.0                     | 1.0                               | 12.0 | -81                                                               | -108 | -129 | -149 | 0.4                                          | 0.3                        | 28                                       | -17                | -10  | 120                                              | 8.0                                                 | 35   |                |
| ZX95-2404C             | 2267               | 2404 | +0.50                    | 1.0                               | 13.0 | -85                                                               | -110 | -131 | -151 | 0.1                                          | 0.5                        | 18-21                                    | -24                | -14  | 120                                              | 6.0                                                 | 40   |                |
| ZX95-2405C             | 2189               | 2405 | +0.30                    | 1.0                               | 11.5 | -78                                                               | -106 | -128 | -147 | 0.40                                         | 0.50                       | 40-43                                    | -25                | -15  | 120                                              | 8.0                                                 | 40   |                |
| ZX95-2420              | 1220               | 2420 | +5.0                     | 0.5                               | 20.0 | -70                                                               | -95  | -117 | -138 | 1.5                                          | 1.5                        | 50-82                                    | -20                | -10  | 90                                               | 5.0                                                 | 47   |                |
| ZX95-2425              | 2275               | 2425 | +3.0                     | 0.5                               | 11.0 | -80                                                               | -104 | -124 | -144 | 0.3                                          | 1.5                        | 17-25                                    | -22                | -12  | 100                                              | 5.0                                                 | 36   |                |
| ZX95-2450C             | 2120               | 2450 | +7.0                     | 0.0                               | 15.0 | -80                                                               | -107 | -128 | -148 | 3.0                                          | 0.3                        | 28-35                                    | -23                | -12  | 150                                              | 6.0                                                 | 34   |                |
| ZX95-2490              | 2280               | 2490 | +8.0                     | 0.5                               | 10.0 | -80                                                               | -104 | -124 | -144 | 1.0                                          | 1.0                        | 30-37                                    | -20                | -11  | 140                                              | 5.0                                                 | 38   |                |
| ZX95-2490C             | 2020               | 2490 | +7.2                     | 0.25                              | 16.0 | -79                                                               | -107 | -128 | -149 | 2.5                                          | 0.4                        | 30-40                                    | -32                | -15  | 45                                               | 8.0                                                 | 40   |                |
| ZX95-2500              | 1600               | 2500 | +7.5                     | 0.5                               | 14.0 | -64                                                               | -91  | -112 | -132 | 20.0                                         | 2.0                        | 72-107                                   | -17                | —    | 4                                                | 12.0                                                | 28   |                |
| ZX95-2632C             | 2434               | 2632 | -0.30                    | 1.0                               | 12.0 | -81                                                               | -108 | -129 | -149 | 0.40                                         | 0.10                       | 27-31                                    | -16                | —    | 110                                              | 8.0                                                 | 40   |                |
| ZX95-2650              | 2165               | 2650 | +5.0                     | 0.5                               | 19.0 | -75                                                               | -101 | -117 | -142 | 3.0                                          | 1.0                        | 29-40                                    | -12                | —    | 200                                              | 12.0                                                | 25   |                |
| ZX95-2700              | 2500               | 2700 | +6.0                     | 0.5                               | 8.0  | -74                                                               | -98  | -119 | -139 | 2.0                                          | 4.5                        | 40-45                                    | -18                | -10  | 30                                               | 5.0                                                 | 36   |                |
| ZX95-2705              | 1950               | 2705 | +8.5                     | 0.5                               | 10.0 | -64                                                               | -90  | -112 | -132 | 14.0                                         | 4.0                        | 91-156                                   | -27                | -12  | 340                                              | 8.5                                                 | 29   |                |





| MODEL<br>PREFIX | FREQUENCY<br>(MHz) |      | POWER<br>OUTPUT<br>(dBm) | TUNING<br>VOLTAGE<br>RANGE<br>(V) |      | PHASE NOISE<br>(dBc/Hz) SSB@<br>offset frequencies (kHz):<br>Typ. |      |      |      | PULLING<br>pk-pk<br>@ 12 dB<br>(MHz) | PUSHING<br>(MHz/V) | TUNING<br>SENSITIVITY<br>(MHz/V) | HARMONICS<br>(dBc) |      | 3 dB<br>MODULATION<br>BANDWIDTH<br>(MHz) | DC<br>OPERATING<br>POWER |                         |
|-----------------|--------------------|------|--------------------------|-----------------------------------|------|-------------------------------------------------------------------|------|------|------|--------------------------------------|--------------------|----------------------------------|--------------------|------|------------------------------------------|--------------------------|-------------------------|
|                 | Min.               | Max. |                          | Min.                              | Max. | 1                                                                 | 10   | 100  | 1000 |                                      |                    |                                  | Typ.               | Max. |                                          | Vcc<br>(Volts)           | Current<br>(mA)<br>Max. |
| ZX95-2710C      | 2670               | 2700 | +3.0                     | 0.5                               | 5.5  | -80                                                               | -110 | -131 | -151 | 0.3                                  | 0.2                | 16                               | -14                | —    | 140                                      | 5.0                      | 35                      |
| ZX95-2729C      | 2490               | 2729 | 0.0                      | 1.0                               | 11.5 | -80                                                               | -107 | -127 | -147 | 0.50                                 | 0.10               | 27-37                            | -16                | -10  | 110                                      | 8.0                      | 40                      |
| ZX95-2740       | 2700               | 2740 | +3.5                     | 0.5                               | 5.5  | -83                                                               | -106 | -127 | -146 | 0.7                                  | 2.0                | 17                               | -19                | -12  | 150                                      | 5.0                      | 36                      |
| ZX95-2745       | 2000               | 2745 | +3.5                     | 1.0                               | 24.0 | -71                                                               | -96  | -117 | -137 | 4.0                                  | 3.0                | 25-56                            | -25                | -10  | 45                                       | 5.0                      | 26                      |
| ZX95-2750       | 2350               | 2750 | +5.5                     | 0.5                               | 14.5 | -78                                                               | -105 | -126 | -146 | 2.0                                  | 0.3                | 32-42                            | -22                | -12  | 120                                      | 6.0                      | 35                      |
| ZX95-2750C      | 2720               | 2750 | +4.0                     | 0.25                              | 5.5  | -84                                                               | -110 | -130 | -150 | 0.8                                  | 0.4                | 16                               | -22                | -12  | 120                                      | 5.0                      | 35                      |
| ZX95-2755       | 2300               | 2755 | +8.0                     | 0.5                               | 13.0 | -74                                                               | -100 | -120 | -140 | 9.0                                  | 1.5                | 40-55                            | -17                | -10  | 600                                      | 5.0                      | 30                      |
| ZX95-2760       | 2660               | 2760 | +5.5                     | 0.5                               | 12.0 | -83                                                               | -107 | -127 | -147 | 1.0                                  | 1.5                | 16-19                            | -27                | -20  | 200                                      | 8.0                      | 41                      |
| ZX95-2760C      | 2660               | 2760 | +4.0                     | 0.50                              | 18.0 | -85                                                               | -113 | -133 | -153 | 0.80                                 | 0.30               | 12-16                            | -16                | -9   | 60                                       | 8.0                      | 37                      |
| ZX95-2770       | 1970               | 2770 | +6.0                     | 1.0                               | 28.0 | -74                                                               | -101 | -122 | -143 | 4.5                                  | 1.5                | 24-56                            | -27                | -15  | 250                                      | 10.0                     | 32                      |
| ZX95-2770A      | 1970               | 2770 | +5.0                     | 0.5                               | 25.0 | -75                                                               | -102 | -123 | -142 | 3.5                                  | 2.0                | 36-65                            | -16                | —    | 45                                       | 8.0                      | 35                      |
| ZX95-2795       | 2600               | 2795 | +5.0                     | 0.5                               | 10.0 | -76                                                               | -99  | -120 | -140 | 1.5                                  | 4.0                | 35-39                            | -32                | -22  | 250                                      | 5.0                      | 42                      |
| ZX95-2800       | 1400               | 2800 | +3.5                     | 0.5                               | 25.0 | -69                                                               | -95  | -116 | -137 | 6.0                                  | 2.5                | 42-107                           | -15                | —    | 130                                      | 5.0                      | 30                      |
| ZX95-2868C      | 2801               | 2868 | +5.5                     | 1.0                               | 12.0 | -78                                                               | -104 | -125 | -144 | 1.0                                  | 0.5                | 19-22                            | -22                | -13  | 190                                      | 8.0                      | 35                      |
| ZX95-2890       | 2700               | 2890 | +5.0                     | 0.5                               | 16.0 | -80                                                               | -106 | -126 | -146 | 3.0                                  | 0.7                | 24-34                            | -25                | -15  | 170                                      | 5.0                      | 40                      |
| ZX95-2920C      | 2500               | 2920 | +7.0                     | 0.5                               | 16.0 | -79                                                               | -107 | -128 | -147 | 2.0                                  | 0.2                | 34-42                            | -25                | -15  | 150                                      | 8.0                      | 38                      |
| ZX95-2952       | 2748               | 2952 | +5.5                     | 1.0                               | 10.0 | -73                                                               | -100 | -121 | -141 | 1.5                                  | 1.5                | 35                               | -30                | -20  | 220                                      | 5.0                      | 40                      |
| ZX95-3000W      | 2000               | 3000 | +5.5                     | 0.5                               | 14.0 | -71                                                               | -96  | -117 | -138 | 13.5                                 | 1.5                | 84-125                           | -22                | -10  | 140                                      | 12.0                     | 35                      |
| ZX95-3005       | 2850               | 3005 | +5.5                     | 0.5                               | 10.0 | -77                                                               | -100 | -121 | -142 | 2.0                                  | 1.5                | 37                               | -30                | -20  | 10                                       | 5.0                      | 42                      |
| ZX95-3015       | 2570               | 3015 | +9.0                     | 0.5                               | 24.0 | -72                                                               | -99  | -120 | -140 | 17.0                                 | 0.8                | 30-43                            | -14                | —    | 60                                       | 10.0                     | 35                      |
| ZX95-3050       | 2850               | 3050 | +6.0                     | 0.5                               | 12.0 | -73                                                               | -99  | -120 | -141 | 1.0                                  | 3.0                | 35-42                            | -21                | -12  | 20                                       | 5.0                      | 44                      |
| ZX95-3050A      | 2150               | 3050 | +7.0                     | 0.5                               | 11.5 | -69                                                               | -94  | -114 | -135 | 2.0                                  | 1.5                | 95-120                           | -20                | -10  | 60                                       | 5.0                      | 47                      |
| ZX95-3050C      | 2856               | 3050 | +5.0                     | 0.5                               | 20.0 | -80                                                               | -106 | -127 | -147 | 1.0                                  | 0.6                | 10-20                            | -23                | -13  | 110                                      | 8.0                      | 35                      |
| ZX95-3050CA     | 2635               | 3050 | +6.5                     | 0.50                              | 16.0 | -77                                                               | -104 | -125 | -145 | 4.5                                  | 0.20               | 35-47                            | -22                | -12  | 100                                      | 8.0                      | 40                      |
| ZX95-3060C      | 2920               | 3060 | +3.2                     | 0.25                              | 18.0 | -85                                                               | -112 | -132 | -152 | 1.2                                  | 0.50               | 8-14                             | -18                | -10  | 70                                       | 8.0                      | 36                      |
| ZX95-3075       | 2920               | 3075 | +3.0                     | 0.5                               | 11.0 | -78                                                               | -102 | -123 | -143 | 0.7                                  | 2.5                | 24-28                            | -19                | -10  | 30                                       | 8.0                      | 40                      |
| ZX95-3100       | 2300               | 3100 | +9.0                     | 0.5                               | 11.0 | -66                                                               | -92  | -113 | -133 | 5.0                                  | 4.0                | 92-124                           | -20                | -10  | 160                                      | 10.0                     | 46                      |
| ZX95-3100C      | 2875               | 3100 | +1.2                     | 0.50                              | 11.0 | -78                                                               | -105 | -126 | -146 | 0.6                                  | 0.3                | 29-37                            | -35                | -20  | 100                                      | 8.0                      | 37                      |
| ZX95-3150       | 2650               | 3150 | +6.2                     | 0.50                              | 12.0 | -69                                                               | -95  | -117 | -137 | 1.50                                 | 3.5                | 64-75                            | -22                | -10  | 100                                      | 5.0                      | 42                      |
| ZX95-3200C      | 3060               | 3200 | +4.7                     | 0.50                              | 18.0 | -85                                                               | -113 | -133 | -152 | 1.0                                  | 1.0                | 8-13                             | -15                | —    | 65                                       | 8.0                      | 36                      |
| ZX95-3245       | 3100               | 3245 | +6.0                     | 0.5                               | 10.0 | -72                                                               | -98  | -119 | -139 | 2.0                                  | 4.0                | 27-32                            | -26                | -18  | 30                                       | 5.0                      | 40                      |
| ZX95-3250       | 2550               | 3250 | +2.0                     | 0.5                               | 24.0 | -74                                                               | -99  | -120 | -140 | 0.6                                  | 3.0                | 27-46                            | -22                | -12  | 160                                      | 5.0                      | 42                      |
| ZX95-3250A      | 3000               | 3250 | +6.5                     | 1.0                               | 10.0 | -73                                                               | -98  | -119 | -139 | 1.5                                  | 2.5                | 35                               | -30                | -20  | 80                                       | 5.0                      | 40                      |
| ZX95-3323C      | 3192               | 3323 | +1.0                     | 1.0                               | 13.0 | -81                                                               | -106 | -127 | -147 | 0.7                                  | 0.2                | 19-27                            | -19                | -10  | 300                                      | 6.0                      | 40                      |
| ZX95-3350       | 3200               | 3350 | +5.0                     | 0.5                               | 10.0 | -73                                                               | -97  | -118 | -138 | 1.0                                  | 2.0                | 33                               | -30                | -20  | 250                                      | 5.0                      | 40                      |
| ZX95-3388       | 3080               | 3380 | +5.0                     | 0.5                               | 13.0 | -74                                                               | -99  | -120 | -140 | 1.5                                  | 2.0                | 30-37                            | -30                | -20  | 60                                       | 5.0                      | 42                      |
| ZX95-3360       | 2120               | 3360 | +8.5                     | 0.5                               | 18.0 | -68                                                               | -95  | -116 | -137 | 3.0                                  | 1.0                | 65-113                           | -26                | -12  | 170                                      | 12.0                     | 45                      |
| ZX95-3450       | 3250               | 3450 | +5.0                     | 0.5                               | 10.0 | -73                                                               | -98  | -119 | -139 | 1.8                                  | 1.7                | 28-36                            | -19                | -13  | 12                                       | 5.0                      | 40                      |
| ZX95-3490       | 3340               | 3490 | 0.0                      | 0.5                               | 12.0 | -75                                                               | -98  | -119 | -139 | 0.8                                  | 1.0                | 28-32                            | -35                | -22  | 220                                      | 8.0                      | 40                      |
| ZX95-3500       | 3090               | 3500 | +3.0                     | 0.5                               | 11.0 | -70                                                               | -96  | -117 | -137 | 1.0                                  | 2.0                | 64-71                            | -24                | -14  | 500                                      | 10.0                     | 41                      |
| ZX95-3555       | 3000               | 3555 | +5.0                     | 0.5                               | 15.0 | -71                                                               | -97  | -118 | -138 | 1.5                                  | 3.0                | 60-70                            | -23                | -15  | 600                                      | 5.0                      | 41                      |
| ZX95-3600       | 2950               | 3600 | +3.0                     | 0.5                               | 24.0 | -73                                                               | -98  | -119 | -139 | 0.8                                  | 2.0                | 23-46                            | -33                | -23  | 100                                      | 5.0                      | 40                      |
| ZX95-3600A      | 3350               | 3600 | +5.0                     | 0.5                               | 15.0 | -75                                                               | -100 | -120 | -140 | 1.0                                  | 1.0                | 25-30                            | -29                | -17  | 300                                      | 8.0                      | 52                      |
| ZX95-3605       | 3300               | 3605 | +8.5                     | 0.5                               | 8.0  | -71                                                               | -97  | -118 | -138 | 3.5                                  | 0.6                | 47-64                            | -20                | -15  | 550                                      | 5.0                      | 46                      |
| ZX95-3760       | 3200               | 3760 | +7.5                     | 0.5                               | 15.0 | -69                                                               | -96  | -117 | -138 | 3.0                                  | 1.0                | 56-67                            | -28                | -18  | 600                                      | 5.0                      | 48                      |
| ZX95-3900       | 3750               | 3900 | +4.5                     | 0.5                               | 10.0 | -76                                                               | -97  | -118 | -138 | 2.0                                  | 3.5                | 25-40                            | -28                | -18  | 260                                      | 5.0                      | 40                      |
| ZX95-3900A      | 3650               | 3900 | +4.5                     | 0.5                               | 12.0 | -71                                                               | -94  | -115 | -135 | 2.0                                  | 4.0                | 32-37                            | -22                | -12  | 100                                      | 5.0                      | 40                      |
| ZX95-3960       | 3730               | 3920 | +6.0                     | 1.0                               | 16.0 | -71                                                               | -97  | -118 | -139 | 1.0                                  | 0.5                | 27-41                            | -20                | -10  | 110                                      | 8.0                      | 45                      |
| ZX95-4000       | 3850               | 4000 | +5.0                     | 0.5                               | 10.0 | -72                                                               | -96  | -117 | -137 | 3.0                                  | 2.5                | 26-36                            | -26                | -15  | 20                                       | 5.0                      | 40                      |
| ZX95-4040       | 3685               | 4040 | +6.0                     | 1.0                               | 18.0 | -70                                                               | -96  | -117 | -138 | 5.0                                  | 0.5                | 39-54                            | -20                | -10  | 170                                      | 8.0                      | 43                      |
| ZX95-4100       | 3950               | 4100 | +5.5                     | 0.5                               | 10.0 | -71                                                               | -96  | -117 | -137 | 2.0                                  | 1.5                | 25                               | -90                | —    | 10                                       | 5.0                      | 35                      |
| ZX95-4215       | 4014               | 4185 | +6.0                     | 1.0                               | 10.0 | -69                                                               | -95  | -115 | -135 | 2.5                                  | 2.0                | 37-46                            | -23                | -15  | 150                                      | 5.0                      | 45                      |
| ZX95-4415       | 4214               | 4415 | +5.0                     | 1.0                               | 10.0 | -71                                                               | -95  | -116 | -136 | 2.0                                  | 4.5                | 36-45                            | -27                | -15  | 150                                      | 5.0                      | 40                      |
| ZX95-4720       | 4680               | 4720 | +7.5                     | 0.5                               | 11.0 | -70                                                               | -96  | -117 | -138 | 2.5                                  | 0.7                | 15                               | -26                | -16  | 120                                      | 5.0                      | 50                      |
| ZX95-5200C      | 5194               | 5200 | +3.5                     | 0.25                              | 4.75 | -73                                                               | -103 | -124 | -145 | 1.0                                  | 3.0                | 90                               | —                  | -15  | 130                                      | 5.0                      | 35                      |





