

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 2.3V, Id = 48mA @ Temperature = +25°C

| FREQ | Gain | Isolation | Input Return Loss | Output Return Loss | Stability | | IP-3 Output | 1dB Comp. Output | Noise Figure |
|-------|-------|-----------|-------------------|--------------------|-----------|---------|-------------|------------------|--------------|
| | | | | | K | Measure | | | |
| (MHz) | (dB) | (dB) | (dB) | (dB) | K | Measure | (dBm) | (dBm) | (dB) |
| 6000 | 25.01 | 64.83 | 10.16 | 10.82 | 43.60 | 1.01 | 22.88 | 8.90 | 1.45 |
| 6200 | 24.91 | 63.72 | 10.26 | 11.18 | 39.32 | 1.01 | 24.28 | 8.84 | 1.45 |
| 6400 | 24.83 | 62.65 | 10.41 | 11.58 | 35.55 | 1.02 | 23.70 | 8.88 | 1.48 |
| 6600 | 24.78 | 61.11 | 10.76 | 11.94 | 30.46 | 1.02 | 23.93 | 8.84 | 1.41 |
| 6800 | 24.72 | 62.21 | 11.21 | 12.38 | 35.51 | 1.01 | 22.62 | 8.78 | 1.44 |
| 7000 | 24.67 | 60.35 | 11.85 | 12.82 | 29.44 | 1.01 | 22.89 | 8.75 | 1.43 |
| 7200 | 24.62 | 60.79 | 12.42 | 13.26 | 31.75 | 1.01 | 22.79 | 8.63 | 1.39 |
| 7400 | 24.58 | 59.72 | 13.11 | 13.61 | 28.68 | 1.00 | 22.74 | 8.51 | 1.42 |
| 7600 | 24.52 | 58.84 | 13.80 | 13.98 | 26.50 | 1.00 | 23.89 | 8.47 | 1.42 |
| 7800 | 24.45 | 58.45 | 14.42 | 14.27 | 25.91 | 1.00 | 24.08 | 8.43 | 1.40 |
| 8000 | 24.37 | 58.32 | 14.96 | 14.47 | 26.04 | 1.00 | 23.37 | 8.43 | 1.38 |
| 8200 | 24.27 | 58.37 | 15.31 | 14.58 | 26.67 | 0.99 | 22.63 | 8.08 | 1.44 |
| 8400 | 24.19 | 57.81 | 15.64 | 14.63 | 25.43 | 0.99 | 23.19 | 7.99 | 1.34 |
| 8600 | 24.08 | 57.72 | 15.72 | 14.62 | 25.57 | 0.99 | 23.13 | 7.74 | 1.41 |
| 8800 | 23.99 | 57.98 | 15.80 | 14.60 | 26.75 | 0.99 | 24.31 | 7.50 | 1.41 |
| 9000 | 23.90 | 57.48 | 15.68 | 14.72 | 25.60 | 0.99 | 26.37 | 7.28 | 1.44 |
| 9200 | 23.79 | 57.90 | 15.26 | 14.78 | 27.19 | 0.99 | 26.88 | 7.11 | 1.49 |
| 9400 | 23.71 | 57.18 | 15.08 | 15.00 | 25.34 | 1.00 | 25.73 | 6.81 | 1.50 |
| 9600 | 23.64 | 57.58 | 14.55 | 15.34 | 26.79 | 1.00 | 23.81 | 6.73 | 1.45 |
| 9800 | 23.59 | 57.32 | 14.14 | 15.89 | 26.22 | 1.01 | 22.36 | 6.56 | 1.52 |
| 10000 | 23.55 | 57.59 | 13.71 | 16.50 | 27.24 | 1.02 | 22.10 | 6.64 | 1.52 |
| 10200 | 23.52 | 57.25 | 13.24 | 17.34 | 26.32 | 1.03 | 22.95 | 6.68 | 1.55 |
| 10400 | 23.50 | 57.18 | 12.90 | 18.37 | 26.25 | 1.04 | 24.49 | 6.70 | 1.49 |
| 10600 | 23.50 | 57.23 | 12.63 | 19.67 | 26.48 | 1.04 | 23.74 | 6.83 | 1.53 |
| 10800 | 23.53 | 56.96 | 12.60 | 20.94 | 25.76 | 1.05 | 24.17 | 6.95 | 1.46 |
| 11000 | 23.56 | 57.43 | 12.52 | 22.43 | 27.23 | 1.05 | 23.58 | 6.99 | 1.45 |
| 11200 | 23.60 | 56.89 | 12.45 | 23.90 | 25.55 | 1.05 | 24.49 | 6.98 | 1.41 |
| 11400 | 23.65 | 57.80 | 12.83 | 24.91 | 28.43 | 1.05 | 24.41 | 7.02 | 1.39 |
| 11600 | 23.72 | 57.57 | 12.98 | 25.61 | 27.62 | 1.05 | 23.40 | 7.03 | 1.33 |
| 11800 | 23.79 | 57.47 | 13.40 | 25.90 | 27.31 | 1.04 | 24.33 | 7.10 | 1.34 |
| 12000 | 23.88 | 57.74 | 13.83 | 26.32 | 28.12 | 1.04 | 25.17 | 7.37 | 1.34 |
| 12200 | 23.96 | 58.03 | 14.25 | 26.92 | 28.98 | 1.04 | 24.91 | 7.40 | 1.29 |
| 12400 | 24.05 | 58.78 | 14.48 | 27.50 | 31.44 | 1.03 | 24.32 | 7.56 | 1.39 |
| 12600 | 24.14 | 58.35 | 14.62 | 28.15 | 29.72 | 1.03 | 24.50 | 7.68 | 1.26 |
| 12800 | 24.22 | 58.53 | 14.36 | 28.31 | 30.04 | 1.04 | 25.32 | 7.81 | 1.28 |
| 13000 | 24.30 | 58.99 | 14.00 | 27.42 | 31.36 | 1.04 | 26.12 | 7.86 | 1.34 |
| 13200 | 24.38 | 58.69 | 13.50 | 25.53 | 29.89 | 1.04 | 25.77 | 7.83 | 1.33 |
| 13400 | 24.46 | 59.34 | 12.99 | 23.70 | 31.76 | 1.05 | 24.71 | 7.90 | 1.32 |
| 13600 | 24.53 | 59.36 | 12.30 | 21.86 | 31.28 | 1.05 | 24.84 | 7.91 | 1.32 |
| 13800 | 24.61 | 59.68 | 11.87 | 20.44 | 31.92 | 1.06 | 23.16 | 7.99 | 1.32 |
| 14000 | 24.67 | 60.43 | 11.29 | 19.15 | 34.17 | 1.06 | 22.81 | 7.87 | 1.28 |
| 14200 | 24.76 | 59.97 | 11.14 | 18.12 | 31.94 | 1.06 | 24.24 | 8.01 | 1.31 |
| 14400 | 24.87 | 60.21 | 10.95 | 17.39 | 32.26 | 1.06 | 24.70 | 8.00 | 1.34 |
| 14600 | 25.01 | 59.69 | 10.92 | 16.91 | 29.93 | 1.06 | 24.82 | 8.32 | 1.39 |
| 14800 | 25.15 | 59.24 | 11.01 | 16.62 | 28.03 | 1.06 | 25.39 | 8.24 | 1.39 |
| 15000 | 25.31 | 59.48 | 11.12 | 16.50 | 28.40 | 1.05 | 24.23 | 8.44 | 1.35 |
| 15200 | 25.50 | 58.41 | 11.50 | 16.62 | 24.83 | 1.05 | 23.55 | 8.51 | 1.35 |
| 15400 | 25.69 | 58.21 | 11.80 | 16.94 | 23.95 | 1.04 | 23.05 | 8.76 | 1.37 |
| 15600 | 25.88 | 57.07 | 12.42 | 17.51 | 20.85 | 1.04 | 23.86 | 8.80 | 1.42 |
| 15800 | 26.09 | 57.31 | 13.17 | 18.10 | 21.20 | 1.03 | 25.34 | 8.77 | 1.38 |
| 16000 | 26.31 | 57.60 | 13.69 | 18.97 | 21.59 | 1.03 | 25.75 | 8.81 | 1.41 |
| 16200 | 26.54 | 57.69 | 14.54 | 19.80 | 21.50 | 1.02 | 23.85 | 8.94 | 1.46 |
| 16400 | 26.79 | 57.11 | 15.22 | 20.69 | 19.72 | 1.02 | 23.10 | 8.86 | 1.44 |
| 16600 | 27.06 | 57.14 | 15.96 | 21.54 | 19.36 | 1.02 | 21.94 | 9.05 | 1.38 |
| 16800 | 27.35 | 57.08 | 16.28 | 22.44 | 18.68 | 1.02 | 22.90 | 9.24 | 1.44 |
| 17000 | 27.64 | 57.65 | 15.96 | 23.90 | 19.33 | 1.02 | 22.42 | 9.02 | 1.44 |
| 17200 | 27.91 | 58.11 | 14.71 | 25.94 | 19.68 | 1.03 | 24.14 | 9.45 | 1.41 |
| 17400 | 28.14 | 58.29 | 13.13 | 27.49 | 19.37 | 1.05 | 25.17 | 9.60 | 1.45 |
| 17600 | 28.30 | 57.55 | 11.58 | 29.81 | 17.16 | 1.07 | 24.41 | 9.32 | 1.41 |
| 17800 | 28.37 | 58.04 | 9.92 | 26.77 | 17.44 | 1.10 | 25.11 | 9.41 | 1.47 |
| 18000 | 28.32 | 57.97 | 8.29 | 22.62 | 16.52 | 1.14 | 23.69 | 9.35 | 1.44 |

Note: Test data of Die packaged in industry standard 3.5x2.5mm 16L MCLP package



Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 2.6V, Id = 60mA @ Temperature = +25°C

| FREQ | Gain | Isolation | Input Return Loss | Output Return Loss | Stability | | IP-3 Output | 1dB Comp. Output | Noise Figure |
|-------|-------|-----------|-------------------|--------------------|-----------|---------|-------------|------------------|--------------|
| | | | | | K | Measure | | | |
| (MHz) | (dB) | (dB) | (dB) | (dB) | | | (dBm) | (dBm) | (dB) |
| 6000 | 26.03 | 65.57 | 11.13 | 10.84 | 43.17 | 0.99 | 25.19 | 9.90 | 1.39 |
| 6200 | 25.96 | 64.45 | 11.13 | 11.23 | 38.67 | 1.00 | 24.73 | 9.89 | 1.35 |
| 6400 | 25.91 | 63.33 | 11.20 | 11.65 | 34.59 | 1.00 | 26.35 | 9.89 | 1.35 |
| 6600 | 25.90 | 62.45 | 11.47 | 12.02 | 31.79 | 1.01 | 26.05 | 9.98 | 1.38 |
| 6800 | 25.87 | 62.05 | 11.87 | 12.47 | 30.93 | 1.01 | 26.85 | 9.96 | 1.34 |
| 7000 | 25.86 | 61.57 | 12.48 | 12.93 | 29.89 | 1.00 | 27.65 | 9.98 | 1.33 |
| 7200 | 25.85 | 61.40 | 13.01 | 13.38 | 29.83 | 1.00 | 26.71 | 9.92 | 1.34 |
| 7400 | 25.85 | 60.73 | 13.70 | 13.74 | 28.03 | 1.00 | 26.63 | 9.91 | 1.31 |
| 7600 | 25.84 | 59.70 | 14.38 | 14.09 | 25.32 | 1.00 | 25.13 | 9.95 | 1.26 |
| 7800 | 25.81 | 59.04 | 15.02 | 14.37 | 23.82 | 0.99 | 25.31 | 9.86 | 1.30 |
| 8000 | 25.77 | 58.78 | 15.60 | 14.56 | 23.46 | 0.99 | 25.28 | 9.91 | 1.33 |
| 8200 | 25.72 | 58.40 | 15.99 | 14.65 | 22.76 | 0.99 | 24.16 | 9.71 | 1.29 |
| 8400 | 25.68 | 57.90 | 16.36 | 14.68 | 21.74 | 0.99 | 23.35 | 9.66 | 1.28 |
| 8600 | 25.61 | 58.19 | 16.46 | 14.65 | 22.75 | 0.99 | 23.12 | 9.45 | 1.31 |
| 8800 | 25.55 | 57.92 | 16.56 | 14.61 | 22.28 | 0.99 | 23.49 | 9.24 | 1.26 |
| 9000 | 25.49 | 57.97 | 16.43 | 14.72 | 22.64 | 0.99 | 23.59 | 9.05 | 1.37 |
| 9200 | 25.42 | 57.92 | 15.94 | 14.77 | 22.72 | 0.99 | 23.09 | 8.78 | 1.33 |
| 9400 | 25.36 | 57.85 | 15.70 | 14.98 | 22.72 | 0.99 | 22.80 | 8.52 | 1.36 |
| 9600 | 25.31 | 57.76 | 15.04 | 15.31 | 22.64 | 1.00 | 22.70 | 8.45 | 1.35 |
| 9800 | 25.27 | 57.04 | 14.50 | 15.86 | 20.98 | 1.01 | 25.08 | 8.40 | 1.40 |
| 10000 | 25.25 | 57.13 | 13.94 | 16.51 | 21.28 | 1.02 | 24.17 | 8.38 | 1.44 |
| 10200 | 25.23 | 56.97 | 13.32 | 17.40 | 20.97 | 1.03 | 24.53 | 8.44 | 1.42 |
| 10400 | 25.23 | 57.38 | 12.85 | 18.52 | 22.02 | 1.04 | 21.77 | 8.45 | 1.40 |
| 10600 | 25.23 | 57.33 | 12.48 | 19.97 | 21.93 | 1.05 | 23.93 | 8.59 | 1.39 |
| 10800 | 25.26 | 57.38 | 12.35 | 21.47 | 22.09 | 1.05 | 23.90 | 8.59 | 1.38 |
| 11000 | 25.30 | 57.34 | 12.18 | 23.28 | 21.96 | 1.06 | 24.57 | 8.62 | 1.32 |
| 11200 | 25.34 | 57.30 | 12.04 | 25.12 | 21.79 | 1.06 | 24.06 | 8.63 | 1.27 |
| 11400 | 25.40 | 57.70 | 12.32 | 26.31 | 22.84 | 1.06 | 25.77 | 8.67 | 1.31 |
| 11600 | 25.47 | 57.67 | 12.41 | 26.86 | 22.71 | 1.06 | 24.26 | 8.67 | 1.25 |
| 11800 | 25.55 | 57.63 | 12.76 | 26.76 | 22.54 | 1.05 | 22.62 | 8.72 | 1.24 |
| 12000 | 25.64 | 58.07 | 13.12 | 26.80 | 23.65 | 1.05 | 21.85 | 8.89 | 1.25 |
| 12200 | 25.73 | 57.67 | 13.50 | 27.04 | 22.51 | 1.04 | 22.22 | 8.93 | 1.23 |
| 12400 | 25.82 | 58.25 | 13.72 | 27.43 | 23.92 | 1.04 | 23.30 | 9.08 | 1.15 |
| 12600 | 25.92 | 57.90 | 13.85 | 28.06 | 22.81 | 1.04 | 23.65 | 9.19 | 1.22 |
| 12800 | 26.01 | 58.39 | 13.61 | 28.61 | 23.90 | 1.04 | 23.89 | 9.33 | 1.22 |
| 13000 | 26.10 | 57.90 | 13.31 | 28.05 | 22.35 | 1.04 | 22.52 | 9.38 | 1.19 |
| 13200 | 26.18 | 59.80 | 12.84 | 26.27 | 27.41 | 1.05 | 22.68 | 9.25 | 1.25 |
| 13400 | 26.26 | 58.41 | 12.37 | 24.41 | 23.00 | 1.05 | 21.60 | 9.44 | 1.22 |
| 13600 | 26.34 | 59.40 | 11.72 | 22.42 | 25.32 | 1.06 | 21.64 | 9.45 | 1.20 |
| 13800 | 26.42 | 58.94 | 11.31 | 20.88 | 23.60 | 1.07 | 21.32 | 9.41 | 1.23 |
| 14000 | 26.48 | 59.98 | 10.78 | 19.49 | 26.08 | 1.07 | 22.66 | 9.40 | 1.21 |
| 14200 | 26.57 | 60.45 | 10.63 | 18.31 | 27.13 | 1.07 | 22.14 | 9.43 | 1.20 |
| 14400 | 26.67 | 60.32 | 10.46 | 17.50 | 26.27 | 1.07 | 21.84 | 9.54 | 1.25 |
| 14600 | 26.81 | 60.23 | 10.44 | 16.94 | 25.61 | 1.07 | 22.29 | 9.71 | 1.29 |
| 14800 | 26.95 | 60.36 | 10.55 | 16.58 | 25.67 | 1.06 | 23.97 | 9.66 | 1.22 |
| 15000 | 27.11 | 59.19 | 10.68 | 16.40 | 22.10 | 1.06 | 24.79 | 9.82 | 1.30 |
| 15200 | 27.29 | 58.42 | 11.07 | 16.47 | 20.05 | 1.05 | 24.32 | 9.92 | 1.26 |
| 15400 | 27.46 | 58.08 | 11.38 | 16.75 | 19.07 | 1.05 | 22.27 | 10.10 | 1.22 |
| 15600 | 27.64 | 57.89 | 12.01 | 17.28 | 18.57 | 1.04 | 22.20 | 10.25 | 1.25 |
| 15800 | 27.84 | 58.00 | 12.75 | 17.85 | 18.65 | 1.04 | 21.85 | 10.08 | 1.30 |
| 16000 | 28.04 | 57.69 | 13.28 | 18.71 | 17.79 | 1.03 | 22.23 | 9.98 | 1.27 |
| 16200 | 28.24 | 58.15 | 14.09 | 19.51 | 18.54 | 1.03 | 22.99 | 10.22 | 1.36 |
| 16400 | 28.48 | 57.80 | 14.64 | 20.37 | 17.49 | 1.02 | 22.68 | 10.09 | 1.34 |
| 16600 | 28.72 | 57.74 | 15.18 | 21.15 | 17.02 | 1.02 | 21.22 | 10.18 | 1.30 |
| 16800 | 28.98 | 57.96 | 15.17 | 21.97 | 17.01 | 1.02 | 22.86 | 10.43 | 1.36 |
| 17000 | 29.22 | 58.32 | 14.59 | 23.25 | 17.21 | 1.03 | 23.50 | 10.23 | 1.37 |
| 17200 | 29.44 | 58.55 | 13.29 | 24.85 | 17.12 | 1.04 | 23.90 | 10.57 | 1.36 |
| 17400 | 29.59 | 59.36 | 11.76 | 25.65 | 18.16 | 1.06 | 23.54 | 10.84 | 1.38 |
| 17600 | 29.67 | 59.24 | 10.37 | 26.79 | 17.40 | 1.09 | 23.63 | 10.47 | 1.37 |
| 17800 | 29.63 | 59.86 | 8.93 | 24.72 | 18.05 | 1.12 | 22.58 | 10.57 | 1.40 |
| 18000 | 29.46 | 60.02 | 7.50 | 21.54 | 17.69 | 1.17 | 21.95 | 10.53 | 1.37 |

Note: Test data of Die packaged in industry standard 3.5x2.5mm 16L MCLP package

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 2.9V, Icc = 73mA @ Temperature = +25°C

| FREQ | Gain | Isolation | Input Return Loss | Output Return Loss | Stability | | IP-3 Output | 1dB Comp. Output | Noise Figure |
|-------|-------|-----------|-------------------|--------------------|-----------|---------|-------------|------------------|--------------|
| | | | | | K | Measure | | | |
| (MHz) | (dB) | (dB) | (dB) | (dB) | K | Measure | (dBm) | (dBm) | (dB) |
| 6000 | 26.70 | 66.84 | 12.23 | 10.87 | 47.15 | 0.97 | 24.53 | 10.57 | 1.31 |
| 6200 | 26.66 | 65.35 | 12.13 | 11.26 | 40.30 | 0.98 | 25.67 | 10.60 | 1.30 |
| 6400 | 26.63 | 64.53 | 12.10 | 11.69 | 37.13 | 0.99 | 25.41 | 10.70 | 1.26 |
| 6600 | 26.64 | 62.92 | 12.30 | 12.08 | 31.25 | 0.99 | 26.78 | 10.76 | 1.37 |
| 6800 | 26.64 | 61.63 | 12.63 | 12.54 | 27.32 | 1.00 | 26.15 | 10.76 | 1.32 |
| 7000 | 26.66 | 61.74 | 13.21 | 13.02 | 28.09 | 1.00 | 26.38 | 10.80 | 1.32 |
| 7200 | 26.68 | 60.63 | 13.70 | 13.47 | 25.01 | 1.00 | 25.53 | 10.79 | 1.29 |
| 7400 | 26.72 | 60.47 | 14.39 | 13.83 | 24.81 | 0.99 | 25.21 | 10.80 | 1.27 |
| 7600 | 26.74 | 60.02 | 15.07 | 14.18 | 23.83 | 0.99 | 23.87 | 10.89 | 1.21 |
| 7800 | 26.75 | 59.59 | 15.72 | 14.45 | 22.91 | 0.99 | 23.28 | 10.81 | 1.22 |
| 8000 | 26.75 | 59.45 | 16.34 | 14.64 | 22.78 | 0.99 | 23.83 | 10.89 | 1.24 |
| 8200 | 26.73 | 58.59 | 16.74 | 14.70 | 20.80 | 0.99 | 23.79 | 10.75 | 1.21 |
| 8400 | 26.72 | 58.15 | 17.15 | 14.73 | 19.95 | 0.99 | 23.36 | 10.62 | 1.25 |
| 8600 | 26.68 | 58.15 | 17.27 | 14.69 | 20.08 | 0.98 | 22.77 | 10.53 | 1.21 |
| 8800 | 26.66 | 57.98 | 17.41 | 14.64 | 19.83 | 0.98 | 23.18 | 10.25 | 1.26 |
| 9000 | 26.62 | 57.69 | 17.29 | 14.72 | 19.32 | 0.98 | 22.80 | 10.06 | 1.33 |
| 9200 | 26.58 | 57.91 | 16.74 | 14.76 | 19.94 | 0.99 | 22.23 | 9.81 | 1.34 |
| 9400 | 26.55 | 57.66 | 16.44 | 14.95 | 19.49 | 0.99 | 22.83 | 9.69 | 1.38 |
| 9600 | 26.52 | 57.42 | 15.68 | 15.28 | 19.04 | 0.99 | 23.48 | 9.55 | 1.34 |
| 9800 | 26.50 | 57.67 | 15.00 | 15.84 | 19.67 | 1.00 | 24.19 | 9.52 | 1.34 |
| 10000 | 26.49 | 57.62 | 14.32 | 16.48 | 19.59 | 1.01 | 22.78 | 9.50 | 1.36 |
| 10200 | 26.49 | 56.87 | 13.56 | 17.40 | 17.98 | 1.02 | 22.61 | 9.58 | 1.34 |
| 10400 | 26.49 | 57.04 | 12.97 | 18.56 | 18.33 | 1.03 | 23.26 | 9.60 | 1.35 |
| 10600 | 26.51 | 57.22 | 12.50 | 20.10 | 18.70 | 1.04 | 23.66 | 9.75 | 1.35 |
| 10800 | 26.55 | 57.17 | 12.29 | 21.78 | 18.59 | 1.05 | 23.38 | 9.73 | 1.33 |
| 11000 | 26.59 | 57.46 | 12.04 | 23.85 | 19.16 | 1.06 | 22.01 | 9.76 | 1.32 |
| 11200 | 26.64 | 57.70 | 11.85 | 26.00 | 19.61 | 1.06 | 22.71 | 9.79 | 1.25 |
| 11400 | 26.71 | 57.49 | 12.07 | 27.39 | 19.14 | 1.06 | 23.10 | 9.83 | 1.28 |
| 11600 | 26.79 | 57.73 | 12.11 | 27.77 | 19.58 | 1.06 | 23.07 | 9.72 | 1.23 |
| 11800 | 26.87 | 57.89 | 12.41 | 27.25 | 19.87 | 1.06 | 21.36 | 9.78 | 1.17 |
| 12000 | 26.97 | 57.46 | 12.74 | 26.97 | 18.85 | 1.05 | 22.76 | 9.94 | 1.19 |
| 12200 | 27.07 | 58.01 | 13.10 | 26.90 | 19.98 | 1.05 | 22.50 | 10.00 | 1.19 |
| 12400 | 27.17 | 58.11 | 13.32 | 27.13 | 20.08 | 1.04 | 24.24 | 10.13 | 1.22 |
| 12600 | 27.28 | 58.16 | 13.45 | 27.70 | 20.03 | 1.04 | 23.55 | 10.24 | 1.18 |
| 12800 | 27.38 | 58.50 | 13.24 | 28.36 | 20.60 | 1.05 | 24.17 | 10.30 | 1.20 |
| 13000 | 27.47 | 58.70 | 12.96 | 28.10 | 20.82 | 1.05 | 24.25 | 10.35 | 1.15 |
| 13200 | 27.56 | 59.01 | 12.51 | 26.56 | 21.25 | 1.05 | 23.28 | 10.22 | 1.14 |
| 13400 | 27.65 | 59.37 | 12.06 | 24.73 | 21.79 | 1.06 | 22.17 | 10.42 | 1.16 |
| 13600 | 27.73 | 59.52 | 11.42 | 22.71 | 21.74 | 1.07 | 21.32 | 10.44 | 1.19 |
| 13800 | 27.82 | 60.02 | 11.03 | 21.09 | 22.62 | 1.07 | 20.54 | 10.39 | 1.14 |
| 14000 | 27.89 | 59.61 | 10.53 | 19.61 | 21.15 | 1.08 | 23.60 | 10.47 | 1.20 |
| 14200 | 27.98 | 60.18 | 10.40 | 18.38 | 22.25 | 1.08 | 25.10 | 10.49 | 1.18 |
| 14400 | 28.08 | 59.78 | 10.24 | 17.50 | 20.89 | 1.08 | 26.33 | 10.54 | 1.26 |
| 14600 | 28.22 | 59.68 | 10.24 | 16.88 | 20.31 | 1.07 | 25.08 | 10.68 | 1.22 |
| 14800 | 28.36 | 59.89 | 10.37 | 16.48 | 20.57 | 1.07 | 23.40 | 10.74 | 1.17 |
| 15000 | 28.52 | 59.27 | 10.53 | 16.27 | 18.90 | 1.06 | 23.65 | 10.78 | 1.24 |
| 15200 | 28.69 | 58.96 | 10.96 | 16.31 | 18.10 | 1.06 | 24.75 | 10.99 | 1.23 |
| 15400 | 28.87 | 58.38 | 11.30 | 16.58 | 16.75 | 1.05 | 25.87 | 10.96 | 1.19 |
| 15600 | 29.03 | 58.06 | 11.95 | 17.10 | 16.11 | 1.04 | 24.21 | 11.22 | 1.32 |
| 15800 | 29.21 | 58.18 | 12.72 | 17.67 | 16.24 | 1.04 | 24.35 | 10.92 | 1.28 |
| 16000 | 29.39 | 58.18 | 13.24 | 18.51 | 16.08 | 1.03 | 25.71 | 10.85 | 1.38 |
| 16200 | 29.58 | 57.94 | 14.00 | 19.31 | 15.51 | 1.03 | 25.32 | 11.12 | 1.23 |
| 16400 | 29.78 | 58.22 | 14.32 | 20.14 | 15.75 | 1.03 | 25.22 | 10.94 | 1.27 |
| 16600 | 29.99 | 58.25 | 14.53 | 20.90 | 15.51 | 1.03 | 23.67 | 11.09 | 1.29 |
| 16800 | 30.20 | 59.02 | 14.05 | 21.65 | 16.52 | 1.03 | 23.43 | 11.32 | 1.33 |
| 17000 | 30.39 | 59.09 | 13.15 | 22.82 | 16.21 | 1.04 | 23.53 | 11.13 | 1.38 |
| 17200 | 30.53 | 58.63 | 11.78 | 24.10 | 14.93 | 1.06 | 22.52 | 11.39 | 1.37 |
| 17400 | 30.59 | 59.81 | 10.32 | 24.53 | 16.57 | 1.09 | 22.71 | 11.68 | 1.38 |
| 17600 | 30.55 | 60.52 | 9.11 | 25.06 | 17.55 | 1.12 | 22.52 | 11.31 | 1.36 |
| 17800 | 30.40 | 62.33 | 7.88 | 23.33 | 21.05 | 1.16 | 21.73 | 11.39 | 1.38 |
| 18000 | 30.12 | 60.57 | 6.70 | 20.69 | 16.69 | 1.20 | 20.99 | 11.36 | 1.38 |

Note: Test data of Die packaged in industry standard 3.5x2.5mm 16L MCLP package

