

ETR 23515  
DATA SHEET

MANUFACTURER : RICHARDSON ELECTRONICS  
MODEL : MT100  
S/N : 00-44-001  
SPECIFICATION : FCC-73 OPEN FIELD SPURIOUS RADIATED EMISSIONS  
DATE : MARCH 7, 2001  
NOTES : MONO  
: TEST DISTANCE IS 3 METERS

| FREQ.<br>(MHz) | ANT<br>POL | MTR<br>RDG<br>(dBuV) | MATCHED<br>SIGNAL<br>dBm | CABLE<br>FAC<br>dB | TOTAL<br>dBm | LIMIT<br>dBm |
|----------------|------------|----------------------|--------------------------|--------------------|--------------|--------------|
| 200            | H          | 44.6                 | -42.9                    | 0.7                | -43.6        | -13          |
|                | V          | 41.6                 | -39.7                    | 0.7                | -40.4        | -13          |
| 300            | H          | 33.4                 | -49.4                    | 1.1                | -50.5        | -13          |
|                | V          | 41.4                 | -38.6                    | 1.1                | -39.7        | -13          |
| 400            | H          | 47.4                 | -32.2                    | 1.4                | -33.6        | -13          |
|                | V          | 47.0                 | -31.4                    | 1.4                | -32.8        | -13          |
| 500            | H          | 47.9                 | -29.5                    | 1.8                | -31.3        | -13          |
|                | V          | 43.7                 | -32.0                    | 1.8                | -33.8        | -13          |
| 600            | H          | 28.6                 | -46.8                    | 2.0                | -48.8        | -13          |
|                | V          | 33.1                 | -42.1                    | 2.0                | -44.1        | -13          |
| 700            | H          | 21.0                 | -55.2                    | 2.2                | -57.4        | -13          |
|                | V          | 26.0                 | -48.7                    | 2.2                | -50.9        | -13          |
| 800            | H          | 26.7                 | -47.6                    | 2.3                | -49.9        | -13          |
|                | V          | 30.6                 | -41.1                    | 2.3                | -43.4        | -13          |
| 900            | H          | 30.9                 | -42.1                    | 2.5                | -44.6        | -13          |
|                | V          | 29.4                 | -41.4                    | 2.5                | -43.9        | -13          |
| 1000           | H          | 27.5                 | -42.5                    | 2.7                | -45.2        | -13          |
|                | V          | 26.7                 | -39.6                    | 2.7                | -42.3        | -13          |

CHECKED BY:

Daniel E. Crowder