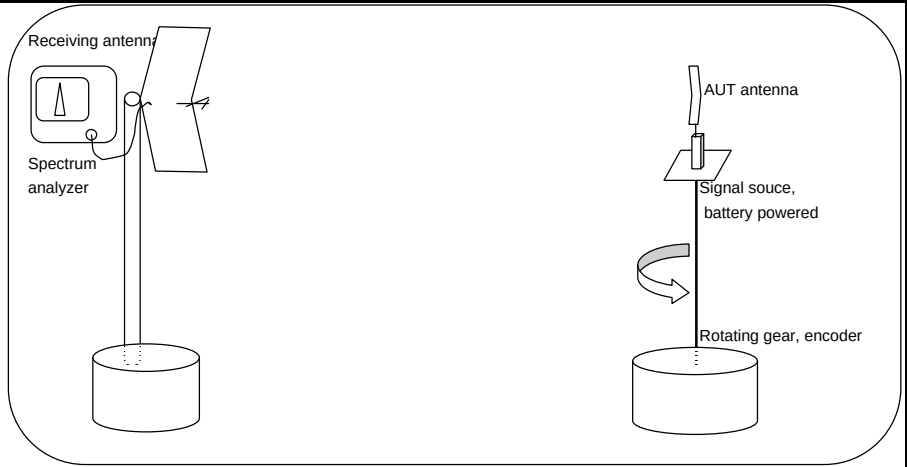
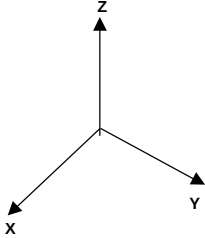


| Antenna         |             |
|-----------------|-------------|
| Date            | July_9_2002 |
| Test location   | SB          |
| Operator        | C.Paun      |
| Frequency       | 914MHz      |
| Distance        | 3.55m       |
| TX output power | 3.80dBm     |
| Cable loss      | 0.60dB      |
| Path loss       | 42.67dB     |
| RX antenna gain | 7.14dB      |
| System loss     | -33.33dB    |
| VSWR at 914MHz  | 2.00        |
| Correction      | -0.51       |
| Zo              | 50.00ohm    |

The grey fields are for input data

The picture shows the rotation axis



| AUT rotation axis | Everex_A1 |           | Everex_A2 |           |
|-------------------|-----------|-----------|-----------|-----------|
| Angle             | spectrum  | Everex_A1 | spectrum  | Everex_A2 |
| 0.00deg           | -34.80dBm | -0.96dBi  | -34.40dBm | -0.56dBi  |
| 11.25deg          | -34.35dBm | -0.51dBi  | -33.90dBm | -0.06dBi  |
| 22.50deg          | -33.90dBm | -0.06dBi  | -33.40dBm | 0.44dBi   |
| 33.75deg          | -33.55dBm | 0.29dBi   | -32.90dBm | 0.94dBi   |
| 45.00deg          | -33.20dBm | 0.64dBi   | -32.40dBm | 1.44dBi   |
| 56.25deg          | -32.95dBm | 0.89dBi   | -32.15dBm | 1.69dBi   |
| 67.50deg          | -32.70dBm | 1.14dBi   | -31.90dBm | 1.94dBi   |
| 78.75deg          | -32.65dBm | 1.19dBi   | -31.85dBm | 1.99dBi   |
| 90.00deg          | -32.60dBm | 1.24dBi   | -31.80dBm | 2.04dBi   |
| 101.25deg         | -32.65dBm | 1.19dBi   | -31.80dBm | 2.04dBi   |
| 112.50deg         | -32.70dBm | 1.14dBi   | -31.80dBm | 2.04dBi   |
| 123.75deg         | -33.00dBm | 0.84dBi   | -32.10dBm | 1.74dBi   |
| 135.00deg         | -33.30dBm | 0.54dBi   | -32.40dBm | 1.44dBi   |
| 146.25deg         | -33.80dBm | 0.04dBi   | -32.85dBm | 0.99dBi   |
| 157.50deg         | -34.30dBm | -0.46dBi  | -33.30dBm | 0.54dBi   |
| 168.75deg         | -34.90dBm | -1.06dBi  | -33.95dBm | -0.11dBi  |
| 180.00deg         | -35.50dBm | -1.66dBi  | -34.60dBm | -0.76dBi  |
| 191.25deg         | -36.20dBm | -2.36dBi  | -35.25dBm | -1.41dBi  |
| 202.50deg         | -36.90dBm | -3.06dBi  | -35.90dBm | -2.06dBi  |
| 213.75deg         | -37.50dBm | -3.66dBi  | -36.40dBm | -2.56dBi  |
| 225.00deg         | -38.10dBm | -4.26dBi  | -36.90dBm | -3.06dBi  |
| 236.25deg         | -38.35dBm | -4.51dBi  | -37.10dBm | -3.26dBi  |
| 247.50deg         | -38.60dBm | -4.76dBi  | -37.30dBm | -3.46dBi  |
| 258.75deg         | -38.50dBm | -4.66dBi  | -37.20dBm | -3.36dBi  |
| 270.00deg         | -38.40dBm | -4.56dBi  | -37.10dBm | -3.26dBi  |
| 281.25deg         | -38.00dBm | -4.16dBi  | -36.80dBm | -2.96dBi  |
| 292.50deg         | -37.60dBm | -3.76dBi  | -36.50dBm | -2.66dBi  |
| 303.75deg         | -37.05dBm | -3.21dBi  | -36.05dBm | -2.21dBi  |
| 315.00deg         | -36.50dBm | -2.66dBi  | -35.60dBm | -1.76dBi  |
| 326.25deg         | -36.10dBm | -2.26dBi  | -35.25dBm | -1.41dBi  |
| 337.50deg         | -35.70dBm | -1.86dBi  | -34.90dBm | -1.06dBi  |
| 348.75deg         | -35.25dBm | -1.41dBi  | -34.65dBm | -0.81dBi  |
| Gain              | Average   | -0.95dBi  | Average   | -0.06dBi  |
|                   | Peak      | 1.24dBi   | Peak      | 2.04dBi   |

