

ERP / TPO calculations for:

Ridgeland, MS W257CB

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|----------------------|--------------------------|-------------------------|--------------------|---------------|-------|------------|
| Entered by: | jerryj | Date: | 8/2/2007 | Calculations: | Final | Watts |
| MHz: | 99.3 | Mounting Offset: | 5/16 wave | | | 19 |
| | | | | | | ERP |
| | Qty/Lgth (or disc) | Loss @foot or item | total loss or gain | | | |
| Ant. / Gain | ANT90D (Telewave) | | 0.0000 | | | |
| FSJ type Ant jumper | 0 | 0.0102 | 0.0000 | | | |
| LDF type Ant. Jumper | 0 | 0.0065 | 0.0000 | | | |
| LDF4 | 305 | 0.0065 | -1.9825 | | | |
| Connectors | 4 | 0.0160 | -0.0640 | | | |
| Polyphaser Loss | 1 | 0.1000 | -0.1000 | | | |
| FSJ Tx jumper | 5 | 0.0102 | -0.0510 | | | |
| other FSJ jumper(s) | 0 | 0.0102 | 0.0000 | | | |
| Other | 0 | 0 | 0.0000 | | | |
| Filter(s) | TWPC-1005-2 | 1.3 | -1.3000 | | | |
| Combiner | SP15499 | 0 | 0.0000 | | | |
| Isolator | T-1030 | 0 | 0.0000 | | | |

**TPO determined via the direct method
using the Translator Power Meter**

**TPO
43**