

ERP / TPO calculations for:

K258AN Havilah

| Entered by: | JE | Date: | 11/20/2006 | Calculations: | Watts |
|----------------------|-----------------------|----------------------|--------------------|---------------|------------|
| MHz: 99.5 | | Ant. Spacing: | N/A | | 3 |
| | | | | | ERP |
| | Qty/Lgth (or disc) | Loss @foot or item | total loss or gain | | |
| Ant. / Gain | CLFMRX (Scala) | | 6.5000 | | |
| FSJ type Ant jumper | 0 | 0.0102 | 0.0000 | | |
| LDF type Ant. Jumper | 0 | 0.0065 | 0.0000 | | |
| LDF4 | 45 | 0.0065 | -0.2925 | | |
| Connectors | 4 | 0.0160 | -0.0640 | | |
| Polyphaser Loss | 1 | 0.1000 | -0.1000 | | |
| FSJ Tx jumper | 4 | 0.0102 | -0.0408 | | |
| other FSJ jumper(s) | 0 | 0.0102 | 0.0000 | | |
| Other | 0 | 0 | 0.0000 | | |
| Filter(s) | attenuator | 6 | -6.0000 | | |
| Combiner | SP15499 | 0 | 0.0000 | | |
| Isolator | T-1030 | 0 | 0.0000 | | |

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

TPO
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