

ERP / TPO calculations for:

San Ardo CA K249AQ

| Entered by: | JE | Date: | Calculations: | Watts |
|----------------------|--------------------|-------------------------|--------------------|------------|
| MHz: 97.7 | | Mounting Offset: | N/A | 10 |
| | | | | 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 | |
| LDF4-50 (1/2") | 98 | 0.0065 | -0.6370 | |
| Connectors | 5 | 0.0150 | -0.0750 | |
| Polyphaser Loss | 1 | 0.1000 | -0.1000 | |
| FSJ Tx jumper | 30 | 0.0102 | -0.3060 | |
| other FSJ jumper(s) | 0 | 0.0102 | 0.0000 | |
| Other | 0 | 0 | 0.0000 | |
| Filter(s) | TWPC-1005-2 | 0 | 0.0000 | |
| 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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